System Parameters - Read Only

Modbus					
Address	Name	Format	Scale	Default	Description/Format
	40001 Serial Number Low	UINT16	x1		This is consistent with the original document. This is effectively little Endian UINT32
	40002 Serial Number High	UINT16	x1		This is consistent with the original document. This is effectively little Endian UINT32
	40003 Firmware Version	UINT16	x1		
	40004 OEM Identification	UINT16	x1		"PT" in ASCII
	40005 Meter Model	UINT16	x1		45 {109, 431, 636,45, 888}
	40014 Number of Curent Element on Unit	UINT16	x1		45 This is a maximum of 45 on the iMeter45
	40015 Number of Meters on Unit	UINT16	x1		For the MP636, this will be 6, 8, or 16, for the 5x3 phase (+1x1phase), 8x2phase, or 16x1 phase
	40016 Modbus Uptime	UINT32	x1		This is the number of seconds since the last power cycle on the modbus module.
	40019 Meter Config	UINT16	x1		The configuration of the meter

41007 41008 41009 41011 41012 41013 41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41052	Address Baud Rate CT Ratio - Meter 1 CT Ratio - Meter 2 CT Ratio - Meter 3 CT Ratio - Meter 3 CT Ratio - Meter 4 CT Ratio - Meter 5 CT Ratio - Meter 6 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 8 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals  CT Ratio - Meter 1	Format UINT16 Enumated UINT16	Access R/W	1 3 = 9600 bps 2000 2000 2000 2000 2000 2000 2000 20	Description/Format The PT ratio that will be used in calculations. It does not affect meter operation.  Changes to the Modbus address take effect immediately. The next command must use the change address, otherwise the module will not respond 3 = 9600 bps 4 = 19200 bps 5 = 38400 bps 6 = 57600 bps 7 = 115200 bps The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000.
41001 41002 41003 41004 41005 41006 41007 41010 41011 41012 41013 41014 41015 41016 41017 41018 41019 41020	Address Baud Rate CT Ratio - Meter 1 CT Ratio - Meter 2 CT Ratio - Meter 3 CT Ratio - Meter 3 CT Ratio - Meter 4 CT Ratio - Meter 5 CT Ratio - Meter 6 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 8 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals  CT Ratio - Meter 1	UINT16 Enumated UINT16	R/W	1 3 = 9600 bps 2000 2000 2000 2000 2000 2000 2000 20	Changes to the Modbus address take effect immediately. The next command must use the change address, otherwise the module will not respond 3 = 9600 bps 4 = 19200 bps 5 = 38400 bps 6 = 57600 bps 7 = 115200 bps The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000.
41003 41004 41005 41006 41007 41008 41009 41010 41011 41012 41013 41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41052 41053	Baud Rate CT Ratio - Meter 1 CT Ratio - Meter 2 CT Ratio - Meter 3 CT Ratio - Meter 4 CT Ratio - Meter 4 CT Ratio - Meter 5 CT Ratio - Meter 6 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 8 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals  CT Ratio - Meter 1	Enumated UINT16	R/W R/W R/W R/W R/W R/W R/W R/W R/W R/W	1 3 = 9600 bps 2000 2000 2000 2000 2000 2000 2000 20	address, otherwise the module will not respond 3 = 9600 bps 4 = 19200 bps 5 = 38400 bps 6 = 57600 bps 7 = 115200 bps The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000.
41003 41004 41005 41006 41007 41008 41009 41010 41011 41012 41013 41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41052 41053	Baud Rate CT Ratio - Meter 1 CT Ratio - Meter 2 CT Ratio - Meter 3 CT Ratio - Meter 4 CT Ratio - Meter 4 CT Ratio - Meter 5 CT Ratio - Meter 6 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 8 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals  CT Ratio - Meter 1	Enumated UINT16	R/W R/W R/W R/W R/W R/W R/W R/W R/W R/W	3 = 9600 bps 2000 2000 2000 2000 2000 2000 2000 20	3 = 9600 bps 4 = 19200 bps 5 = 38400 bps 6 = 57600 bps 7 = 115200 bps The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000.
41004 41005 41006 41007 41008 41009 41010 41011 41012 41013 41014 41017 41018 41019 41020 41050 41051 41052 41053 41052 41053	CT Ratio - Meter 1 CT Ratio - Meter 2 CT Ratio - Meter 3 CT Ratio - Meter 4 CT Ratio - Meter 5 CT Ratio - Meter 6 CT Ratio - Meter 6 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 8 CT Ratio - Meter 10 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals	UINT16	R/W R/W R/W R/W R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000 2000 200	The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000.
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41006 41007 41008 41009 41010 41011 41012 41013 41014 41015 41017 41018 41019 41020 41051 41052 41052 41053	CT Ratio - Meter 3 CT Ratio - Meter 4 CT Ratio - Meter 5 CT Ratio - Meter 5 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals	UINT16	R/W R/W R/W R/W R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000 2000 200	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41007 41008 41009 41011 41012 41013 41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41052	CI Ratio - Meter 4 CT Ratio - Meter 5 CT Ratio - Meter 6 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 8 CT Ratio - Meter 10 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals  CT Ratio - Meter 1 CT Ratio - Meter 1 CT Ratio - Meter 1	UINT16	R/W R/W R/W R/W R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000 2000 200	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41008 41010 41011 41012 41013 41014 41015 41016 41017 41018 41019 41020 41051 41052 41052 41053	CT Ratio - Meter 5 CT Ratio - Meter 6 CT Ratio - Meter 6 CT Ratio - Meter 7 CT Ratio - Meter 9 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals CT Ratio - Meter 1 CT Ratio - Meter 1	UINT16	R/W R/W R/W R/W R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000 2000 200	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41009 41010 41011 41012 41013 41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41052 41053	CT Ratio - Meter 6 CT Ratio - Meter 7 CT Ratio - Meter 7 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 Demand Intervals  CT Ratio - Meter 16 CT Ratio - Meter 17	UINT16	R/W R/W R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000 2000 200	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41010 41011 41012 41013 41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41053	CT Ratio - Meter 7 CT Ratio - Meter 8 CT Ratio - Meter 8 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals CT Ratio - Meter 16 CT Ratio - Meter 16 Demand Intervals	UINT16	R/W R/W R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000 2000 200	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41011 41012 41013 41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41053	CI Ratio - Meter 8 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals CT Ratio - Meter 1	UINT16	R/W R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000 2000 200	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41012 41013 41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41053	CI Ratio - Meter 8 CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals CT Ratio - Meter 1	UINT16	R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41013 41014 41015 41016 41017 41018 41019 41020 41051 41052 41053	CT Ratio - Meter 9 CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 15 Demand Intervals CT Ratio - Meter 16 CT Ratio - Meter 17 CT Ratio - Meter 18	UINT16	R/W R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000 2000	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41013 41014 41015 41016 41017 41018 41019 41020 41051 41052 41053	CT Ratio - Meter 10 CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals CT Ratio - Meter 1 CT Ratio - Meter 1 CT Ratio - Meter 1	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	R/W R/W R/W R/W R/W	2000 2000 2000 2000 2000	The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41014 41015 41016 41017 41018 41019 41020 41050 41051 41052 41053	CT Ratio - Meter 11 CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 15 Demand Intervals CT Ratio - Meter 1 CT Ratio - Meter 1 CT Ratio - Meter 1	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 Enumerated	R/W R/W R/W R/W	2000 2000 2000 2000	The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000.
41015 41016 41017 41018 41019 41020 41050 41051 41052 41053	CT Ratio - Meter 12 CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals  CT Ratio - Meter 1 CT Ratio - Meter 1	UINT16 UINT16 UINT16 UINT16 UINT16 Enumerated	R/W R/W R/W R/W	2000 2000 2000	The CT ratio that will be used in calculations. Minimum value of 1000. The CT ratio that will be used in calculations. Minimum value of 1000.
41016 41017 41018 41019 41020 41050 41051 41052 41053	CT Ratio - Meter 13 CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals  CT Ratio - Meter 1 CT Ratio - Meter 1 CT Ratio - Meter 2	UINT16 UINT16 UINT16 UINT16 UINT16 Enumerated	R/W R/W R/W	2000 2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41017 41018 41019 41020 41050 41051 41052 41053	CT Ratio - Meter 14 CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals  CT Ratio - Meter 1 CT Ratio - Meter 2	UINT16 UINT16 UINT16 Enumerated	R/W R/W	2000	
41018 41019 41020 41050 41051 41052 41053	CT Ratio - Meter 15 CT Ratio - Meter 16 Demand Intervals CT Ratio - Meter 1 CT Ratio - Meter 2	UINT16 UINT16 Enumerated	R/W		
41019 41020 41050 41051 41052 41053	CT Ratio - Meter 16 Demand Intervals CT Ratio - Meter 1 CT Ratio - Meter 2	UINT16 Enumerated			The CT ratio that will be used in calculations. Minimum value of 1000.
41020 41050 41051 41052 41053	Demand Intervals  CT Ratio - Meter 1  CT Ratio - Meter 2	Enumerated			The CT ratio that will be used in calculations. Minimum value of 1000.
41050 41051 41052 41053	CT Ratio - Meter 1 CT Ratio - Meter 2		R/W		0 = 1 minute 1 = 5 minutes 2 = 15 minutes 3 = 30 minutes 4 = 60 minutes 5 = Disabled
41051 41052 41053	CT Ratio - Meter 2		n/ vv		0-1 minute 1-3 minutes 2-13 minutes 3-30 minutes 4-00 minutes 3-Disabled
41051 41052 41053	CT Ratio - Meter 2		2011	2000	The CT care that all he could not be have a particular of access
41052 41053		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41053	CT Datin Mater 2	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 3	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 4	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41054	CT Ratio - Meter 5	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41055	CT Ratio - Meter 6	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 7	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 8	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 9	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41059		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41060	CT Ratio - Meter 11	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41061	CT Ratio - Meter 12	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41062	CT Ratio - Meter 13	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41062	CT Ratio - Meter 13	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
41064	CT Ratio - Meter 15	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41065	CT Ratio - Meter 16	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41065		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
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	CT Ratio - Meter 18	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 19	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 20	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 21	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 22	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41072	CT Ratio - Meter 23	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41073	CT Ratio - Meter 24	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41074	CT Ratio - Meter 25	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41075	CT Ratio - Meter 26	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 27	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41077	CT Ratio - Meter 28	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 29	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41079	CT Ratio - Meter 30	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41080	CT Ratio - Meter 31	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41081	CT Ratio - Meter 32	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41082	CT Ratio - Meter 33	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41083		UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41084	CT Ratio - Meter 35	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41085	CT Ratio - Meter 36	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41086	CT Ratio - Meter 37	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
41080	CT Ratio - Meter 38	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 39	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 39 CT Ratio - Meter 40	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 41	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	CT Ratio - Meter 42 CT Ratio - Meter 43	UINT16 UINT16	R/W R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.

# Meter 1 Information

	Meter 1 Information				
Modbus					
Address	Name	Format	Unit	Default	Description/Format
4110	OO Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
4110	01 Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
4110	O3 Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
4110	OS Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
4110	O7 Current A	UINT32	mA		The value will be the reported current * CTRatio/5
4110	O9 Current B	UINT32	mA		The value will be the reported current * CTRatio/5
4111	11 Current C	UINT32	mA		The value will be the reported current * CTRatio/5
4111	13 Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
4111	15 Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
4111	17 Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
4111	19 Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
4112	21 Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
4112	23 Volt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5

41125				
41127				
41129				
41131 Power Factor A	INT32	0.001 Units		
41133 Power Factor B	INT32	0.001 Units		
41135 Power Factor C	INT32	0.001 Units		
41137				
41139				
41141				
41143 kWh	UINT32	Wh		
41145 kVAh	UINT32	VAh		
41147				
41149 Frequency	UINT32	0.01 Hz		
41151				
41153				
41155 Voltage Average	UINT32	mV	Average of the voltage from each phase	
41157 Meter Total Current	UINT32	mA	Average of the current from each phase	
41159				
41161 Meter Total Watts	UINT32	0.01 W		
41163 Meter Total VA	UINT32	0.01 VA		

## Meter 2 Information

ame citive Phases Joltage A Joltage B Joltage C Jorrent A Jorrent B Jorrent C Jorta A Jorta B Jorda B	Format  Bit map  UINT32  UINT32  UINT32  UINT32  UINT32  UINT32  UINT32  INT32	x1 mV mV mV mA		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C The value will be the reported voltage * PT Ratio The value will be the reported voltage * PT Ratio The value will be the reported voltage * PT Ratio
oltage B oltage C urrent A urrent B urrent C latts A datts B	UINT32 UINT32 UINT32 UINT32 UINT32	mV mV mA		The value will be the reported voltage * PT Ratio The value will be the reported voltage * PT Ratio
oltage C urrent A urrent B urrent C fatts A (atts B	UINT32 UINT32 UINT32 UINT32	mV mA		The value will be the reported voltage * PT Ratio
urrent A urrent B urrent C (atts A (atts B	UINT32 UINT32 UINT32	mA		
urrent B urrent C /atts A /atts B	UINT32 UINT32			
urrent C Yatts A Yatts B	UINT32	mA		The value will be the reported current * CTRatio/5
/atts A /atts B				The value will be the reported current * CTRatio/5
atts B	INIT 22	mA		The value will be the reported current * CTRatio/5
	114132	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
latts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
atts c	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
olt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
olt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
olt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
	INT32	0.001 Units		
	INT32	0.001 Units		
ower Factor C	INT32	0.001 Units		
/Ah	UINT32	VA		
equency	UINT32	0.01 Hz		
				Average of the voltage from each phase
leter Total Current	UINT32	mA		Average of the current from each phase
leter Total VA	UIN [32	0.01 VA		
֡֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	over Factor A over Factor A over Factor B over Factor C  Wh VAh requency oitage Average later Total Current leter Total Watts leter Total VA	ower Factor A         INT32           ower Factor B         INT32           ower Factor C         INT32           Wh         UINT32           V/Ah         UINT32           requency         UINT32           oltage Average         UINT32           eleter Total Current         UINT32           eleter Total Current         UINT32	ower Factor A         INT32         0.001 Units           ower Factor B         INT32         0.001 Units           ower Factor C         INT32         0.001 Units           Wh         UINT32         WH           VAh         UINT32         VA           requency         UINT32         0.01 Hz           oltage Average         UINT32         mV           leter Total Current         UINT32         0.01 W	ower Factor A         INT32         0.001 Units           ower Factor B         INT32         0.001 Units           ower Factor C         INT32         0.001 Units           Wh         UINT32         WH           VAh         UINT32         VA           vequency         UINT32         0.01 Hz           oltage Average         UINT32         mV           leter Total Current         UINT32         0.01 W

Meter x	Information	where x = 1 43

Meter Id	Start Address	
1	41100	
2	41200	
3	41300	
4	41400	
5	41500	
6	41600	
7	41700	
8	41800	
9	41900	
10	42000	
11	42100	
12	42200	
13	42300	
14	42400	
15	42500	
16	42600	
17	42700	
18	42800	
19	42900	
20	43000	
21	43100	
22	43200	
23	43300	
24	43400	
25	43500	
26	43600	
27	43700	
28	43800	
29	43900	
30	44000	
31	44100	

32	44200
33	44300
34	44400
35	44500
36	44600
37	44700
38	44800
39	44900
40	45000
41	45100
42	45200
12	45300

The start address for the meter is listed in the table above

Лodbus					
ddress	Name	Format	Unit	Default	Description/Format
1x00	Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
1x01	Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
1x03	Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
1x05	Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
1x07	Current A	UINT32	mA		The value will be the reported current * CTRatio/5
1x09	Current B	UINT32	mA		The value will be the reported current * CTRatio/5
1x11	Current C	UINT32	mA		The value will be the reported current * CTRatio/5
1x13	Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
1x15	Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
1x17	Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
1x19	Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
1x21	Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
1x23	Volt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
Lx25					
Lx27					
1x29					
1x31	Power Factor A	INT32	0.001 Units		
Lx33	Power Factor B	INT32	0.001 Units		
1x35	Power Factor C	INT32	0.001 Units		
1x37					
1x39					
1x41					
1x43	kWh	UINT32	Wh		
1x45	kVAh	UINT32	VAh		
1x47					
1x49	Frequency	UINT32	0.01 Hz		
1x51		INT32	W		
1x53		INT32	W		
1x55	Voltage Average	UINT32	mV		Average of the voltage from each phase
1x57	Meter Total Current	UINT32	mA		Average of the current from each phase
1x59		311132			
1x61	Meter Total Watts	UINT32	0.01 W		
1x63	Meter Total VA	UINT32	0.01 VA		
1x65	Wicker Total VA	INT32	W		Sets the kW threshold that sets the demand flag.

	Mini Register Ma	эр				
	Modbus					
		Name	Format	Unit	Default	Description/Format
Meter 1	48000	kWh	UINT32	Wh		
	48002					
	48004	stellar a de conse				A constitution from the desire
		Voltage Average Meter Total Current	UINT32 UINT32	mV mA		Average of the voltage from each phase  Average of the current from each phase
Meter 2	48010		UINT32	Wh		Average of the current from each phase
ivietei 2	48010	KVVII	UINTSZ	WIII		
	48014					
	48016	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48018	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 3	48020	kWh	UINT32	Wh		
	48022					
	48024					
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA 		Average of the current from each phase
Meter 4	48030 48032	kwn	UINT32	Wh		
	48032					
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 5	48040		UINT32	Wh		
	48042					
	48044					
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA 		Average of the current from each phase
Meter 6	48050 48052	kWh	UINT32	Wh		
	48054					
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 7		kWh	UINT32	Wh		
	48062					
	48064					
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA 		Average of the current from each phase
Meter 8	48070 48072	kWh	UINT32	Wh		
	48072					
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 9		kWh	UINT32	Wh		•
	48082					
	48084					

	48086	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48088	Meter Total Current	UINT32	mA	Average of the voltage from each phase  Average of the current from each phase
Meter 10	48090 48092	kWh	UINT32	Wh	
	48094				
	48096 48098	Voltage Average Meter Total Current	UINT32 UINT32	mV mA	Average of the voltage from each phase Average of the current from each phase
Meter 11	48100		UINT32	— <sub>Wh</sub>	Average of the current from each phase
	48102 48104				
	48106	Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 12	48108 48110	Meter Total Current kWh	UINT32 UINT32	—mA Wh	Average of the current from each phase
	48112				
	48114 48116	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48118	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 13	48120 48122	kWh	UINT32	Wh	
	48124	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48128	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 14	48130 48132	kWh	UINT32	Wh	
	48134				
	48136 48138	Voltage Average Meter Total Current	UINT32 UINT32	mV mA	Average of the voltage from each phase  Average of the current from each phase
Meter 15	48140		UINT32	Wh	
	48142 48144				
	48146 48148		UINT32 UINT32	mV mA	Average of the voltage from each phase Average of the current from each phase
Meter 16	48150		UINT32	Wh	Acting of the current form each phase
	48152 48154				
		Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 17	48160		UINT32 UINT32	— mA Wh	Average of the current from each phase
	48162 48164				
	48166		UINT32	mV	Average of the voltage from each phase
Meter 18	48168 48170		UINT32 UINT32	—mA Wh	Average of the current from each phase
	48172				
		Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 19	48178 48180		UINT32 UINT32	— mA Wh	Average of the current from each phase
	48182				
	48184 48186	Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 20	48188 48190	Meter Total Current kWh	UINT32 UINT32	— mA Wh	Average of the current from each phase
Wieter 20	48192	KWII	Olivisz	****	
	48194 48196	Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 21	48198 48200		UINT32 UINT32	—mA Wh	Average of the current from each phase
Meter 22	48202		011132	••••	
	48204 48206	Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 22	48208 48210	Meter Total Current kWh	UINT32 UINT32	— mA Wh	Average of the current from each phase
Meter ZZ	48212		011132	••••	
	48214 48216	Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 23	48218 48220	Meter Total Current kWh	UINT32 UINT32	— mA Wh	Average of the current from each phase
Weter 23	48222	KWII	UINTSZ	vvii	
	48224 48226	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48228	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 24	48230 48232	kWh	UINT32	Wh	
	48234	Voltage Average	UINT32	m\/	Average of the voltage from each phase
	48238	Meter Total Current	UINT32	mV mA	Average of the voltage from each phase Average of the current from each phase
Meter 25	48240 48242	kWh	UINT32	Wh	
	48244				
	48246 48248	Voltage Average Meter Total Current	UINT32 UINT32	mV mA	Average of the voltage from each phase  Average of the current from each phase
Meter 26	48250		UINT32	Wh	
	48252 48254				
	48256 48258	Voltage Average Meter Total Current	UINT32 UINT32	mV mA	Average of the voltage from each phase Average of the current from each phase
Meter 27	48260		UINT32	Wh	
	48262 48264				
		Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 28	48270		UINT32 UINT32	— mA Wh	Average of the current from each phase
	48272 48274				
	48276	Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 29	48278 48280	Meter Total Current kWh	UINT32 UINT32	mA Wh	Average of the current from each phase
	48282 48284				
	48286	Voltage Average	UINT32	mV	Average of the voltage from each phase
Meter 30	48288 48290	Meter Total Current kWh	UINT32 UINT32	mA Wh	Average of the current from each phase
	48292 48294				
		Voltage Average	UINT32	mV	Average of the voltage from each phase

	48298 Meter Total Current	UINT32	mA	Average of the current from each phase	
Meter 31	48300 kWh	UINT32	Wh		
	48302				
	48304				
	48306 Voltage Average	UINT32	mV	Average of the voltage from each phase	
_	48308 Meter Total Current	UINT32	mA	Average of the current from each phase	
eter 32	48310 kWh	UINT32	Wh		
	48312				
	48314				
	48316 Voltage Average	UINT32	mV mA	Average of the voltage from each phase	
	48318 Meter Total Current	UINT32		Average of the current from each phase	
eter 33	48320 kWh	UINT32	Wh		
	48322				
	48324				
	48326 Voltage Average	UINT32 UINT32	mV mA	Average of the voltage from each phase  Average of the current from each phase	
	48328 Meter Total Current			Average of the current from each phase	
eter 34	48330 kWh 48332	UINT32	Wh		
	48332 48334				
		UINT32		A Color	
	48336 Voltage Average 48338 Meter Total Current	UINT32	mV mA	Average of the voltage from each phase  Average of the current from each phase	
eter 35		UINT32	-Wh	Average of the current from each phase	
eter 35	48340 kWh 48342	UIN132	wn		
	48344 Voltage Average	UINT32	m\/	Average of the voltage from each phase	
	48346 Voltage Average 48348 Meter Total Current	UINT32	mV mA	Average of the voltage from each phase  Average of the current from each phase	
otor 26	48350 kWh	UINT32	— Wh	Average of the current from each phase	
leter 36	48350 kWn 48352	UINT 32	vv11		
	48352 48354				
	48356 Voltage Average	UINT32	mV	Average of the voltage from each phase	
	48358 Meter Total Current	UINT32	mA	Average of the voitage from each phase  Average of the current from each phase	
eter 37	48360 kWh	UINT32	— Wh —	Average of the current from each phase	
etel 37	48362 48362	UIIVI 32	VVII		
	48364				
	48366 Voltage Average	UINT32	mV	Average of the voltage from each phase	
	48368 Meter Total Current	UINT32	mA	Average of the current from each phase	
leter 38	48370 kWh	UINT32	Wh —		
icter 50	48372	O.IVI SE	••••		
	48374				
	48376 Voltage Average	UINT32	mV	Average of the voltage from each phase	
	48378 Meter Total Current	UINT32	mA	Average of the current from each phase	
1eter 39	48380 kWh	UINT32	Wh		
	48382	*	****		
	48384				
	48386 Voltage Average	UINT32	mV	Average of the voltage from each phase	
	48388 Meter Total Current	UINT32	mA	Average of the current from each phase	
1eter 40	48390 kWh	UINT32	Wh	·	
	48392				
	48394				
	48396 Voltage Average	UINT32	mV	Average of the voltage from each phase	
	48398 Meter Total Current	UINT32	mA	Average of the current from each phase	
leter 41	48400 kWh	UINT32	Wh		
	48402				
	48404				
	48406 Voltage Average	UINT32	mV	Average of the voltage from each phase	
	48408 Meter Total Current	UINT32	mA	Average of the current from each phase	
leter 42	48410 kWh	UINT32	Wh	·	
	48412				
	48414				
	48416 Voltage Average	UINT32	mV	Average of the voltage from each phase	
	48418 Meter Total Current	UINT32	mA	Average of the current from each phase	
eter 43	48420 kWh	UINT32	Wh		
	48422				
	48424				
	48426 Voltage Average	UINT32	mV	Average of the voltage from each phase	
	48428 Meter Total Current	UINT32	mA	Average of the current from each phase	
ement 0	47000 Meter	Fnum		The meter that this element is associated with	
ciic o	47000 Weter 47001 THD	UINT16	0.01%	Total harmonic distortion for this waverform	
			0.01/0	Total narmonic distortion for this waver form	
	47002 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform	

Element 0	47000	Meter	Enum		The meter that this element is associated with
	47001		UINT16	0.01%	Total harmonic distortion for this waverform
	47002	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47003	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	100	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 1	47020		Enum	0.0170	The meter that this element is associated with
Licinent 2	47021		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47024	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47025	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47026	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47027	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47028	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47029	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47030	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47031	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47032	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 2	47040	Meter	Enum		The meter that this element is associated with
	47041	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47042	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47043	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47044	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47045	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47046	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47047	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47048	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform

		La company of the com			
		9th Harmonic 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 3		Meter	Enum		The meter that this element is associated with
	47061	THD 2nd Harmonic	UINT16 UINT16	0.01%	Total harmonic distortion for this waverform 2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47064	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47069	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 4		Meter	Enum	0.01/0	The meter that this element is associated with
	47081	=	UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01%	2nd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Flement 5		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
	47101		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic 4th Harmonic	UINT16	0.01% 0.01%	3rd harmonic component for this waveform
		5th Harmonic	UINT16 UINT16	0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
	47106	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic 9th Harmonic	UINT16 UINT16	0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Flement 6		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Liement 0	47121		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47130	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 7		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
		***		0.01%	
	47141		UINT16		Total harmonic distortion for this waverform
	47142	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47142 47143		UINT16 UINT16	0.01% 0.01%	
	47142 47143 47144 47145	2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic	UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01%	2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform
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Element 9	47142 47143 47144 47145 47146 47147 47148 47150 47151 47152 47160 47161 47163 47164 47167 47188 47189 47200 47200 47200 47200 47200	2nd Harmonic 3rd Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 6th Harmonic 8th Harmonic 8th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 5rd Harmonic 5th Harmonic 10th Harmonic 11th Harmonic 10th Harmonic 11th Harmonic	UINT16	0.01% 0.01%	2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic component for this wavefo
Element 9	47142 47143 47144 47145 47146 47147 47188 47150 47151 47152 47160 47161 47162 47163 47164 47165 47167 47168 47167 47168 47167 47168 47167 47168 47167 47170 47181 47182 47188 47188 47188 47189 47190 47200 47200 47200 47200 47200 47200	2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 7th Harmonic 8th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 14th Harmonic 15th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 12th Harmonic 15th Harmon	UINT16 UI	0.01% 0.01%	2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 13th harmonic distortion for this waveform 13rd harmonic distortion for this waveform 13rd harmonic component for this waveform 13rd harmonic component for this waveform 14th harmonic component for this waveform 15th harmonic component for this waveform 16th harmonic component for this waveform 17th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic distortion for this waveform 18th harmonic distortion for this waveform 19th harmonic distortion for this waveform 19th harmonic component for this w
Element 9	47142 47143 47144 47145 47146 47147 47148 47150 47151 47152 47160 47161 47163 47164 47167 47188 47189 47170 47171 47172 47188 47188 47188 47189 47190 47191 47192 47180 47181 47182 47188 47188 47189 47190 47200	2nd Harmonic 3rd Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 5th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 13rd Harmonic 14th Harmonic 15th Harmonic 15th Harmonic 16th Harmonic 17th Harmonic 17th Harmonic 17th Harmonic 17th Harmonic 18th Harmonic 17th Harmonic 18th Harmonic 17th Harmonic 18th Harmonic	UINT16	0.01% 0.01%	2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic component for this wavef
Element 9	47142 47143 47144 47145 47146 47147 47148 47150 47150 47151 47152 47160 47161 47167 47168 47167 47168 47167 47188 47188 47188 47188 47188 47188 47188 47189 47190 47191 47191 47190 47191 47190 47200	2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 8th Harmonic 9th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 4th Harmonic 12th Harmonic	UINT16 UI	0.01% 0.01%	2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic distortion for this waveform 13rd harmonic component for this waveform 13rd harmonic component for this waveform 14th harmonic component for this waveform 15th harmonic component for this waveform 16th harmonic component for this waveform 16th harmonic component for this waveform 16th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic component for this waveform 18th harmonic distortion for this waveform 19th harmonic distortion for this waveform 19th harmonic distortion for this waveform 2nd harmonic distortion for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3th harmoni
Element 9	47142 47143 47144 47145 47146 47147 47148 47149 47150 47151 47152 47160 47161 47163 47164 47167 47168 47167 47188 47189 47170 47171 47172 47180 47181 47189 47181 47189 47189 47180 47181 47182 47188 47189 47180 47181 47182 47188 47189 47180 47181 47182 47188 47189 47180 47181 47182 47188 47189 47180 47181 47182 47188 47189 47180 47180 47181 47182 47188 47189 47180 47200	2nd Harmonic 3rd Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 5th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 13rd Harmonic 14th Harmonic 15th Harmonic 15th Harmonic 16th Harmonic 17th Harmonic 17th Harmonic 17th Harmonic 17th Harmonic 18th Harmonic 17th Harmonic 18th Harmonic 17th Harmonic 18th Harmonic	UINT16	0.01% 0.01%	2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic component for this wavef

	47212 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 11	47220 Meter	Enum		The meter that this element is associated with
	47221 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47222 2nd Harmonic 47223 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
	47224 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47225 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47226 6th Harmonic 47227 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
	47227 7th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47229 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47230 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47231 11th Harmonic 47232 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 12	47240 Meter	Enum		The meter that this element is associated with
	47241 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47242 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
	47244 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47245 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47246 6th Harmonic 47247 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
	47248 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47249 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47250 10th Harmonic 47251 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
	47252 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 13	47260 Meter	Enum		The meter that this element is associated with
	47261 THD 47262 2nd Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform  2nd harmonic component for this waveform
	47262 2nd Harmonic	UINT16 UINT16	0.01%	3rd harmonic component for this waveform
	47264 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47265 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47266 6th Harmonic 47267 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
	47268 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47269 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47270 10th Harmonic 47271 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform  11th harmonic component for this waveform
	47272 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 14	47280 Meter	Enum	0.049/	The meter that this element is associated with
	47281 THD 47282 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform  2nd harmonic component for this waveform
	47283 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47284 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47285 5th Harmonic 47286 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47287 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47288 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47289 9th Harmonic 47290 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
	47291 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47292 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 15	47300 Meter 47301 THD	Enum UINT16	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform
	47302 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47303 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47304 4th Harmonic 47305 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
	47306 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47307 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47308 8th Harmonic 47309 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
	47310 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47311 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 16	47312 12th Harmonic 47320 Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform  The meter that this element is associated with
Element 10	47320 Meter 47321 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47322 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47323 3rd Harmonic 47324 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
	47325 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47326 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47327 7th Harmonic 47328 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
				our namone component for this waveform
	47329 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47330 10th Harmonic	UINT16 UINT16	0.01%	10th harmonic component for this waveform
	47330 10th Harmonic 47331 11th Harmonic	UINT16 UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
Element 17	47330 10th Harmonic	UINT16 UINT16	0.01%	10th harmonic component for this waveform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD	UINT16 UINT16 UINT16 UINT16 Enum UINT16	0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waverform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic	UINT16 UINT16 UINT16 UINT16 Enum UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waverform 2nd harmonic component for this waveform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic	UINT16 UINT16 UINT16 UINT16 Enum UINT16	0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waverform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic 47344 4th Harmonic 47345 5th Harmonic	UINT16 UINT16 UINT16 UINT16 Enum UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waverform 2nd harmonic component for this waveform 3rd harmonic component for this waveform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic 47344 4th Harmonic 47345 5th Harmonic 47346 6th Harmonic	UINT16 UINT16 UINT16 UINT16 Enum UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Reter 47341 THD 47342 2nd Harmonic 47343 4th Harmonic 47345 5th Harmonic 47345 6th Harmonic 47346 7th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 7th harmonic component for this waveform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic 47344 4th Harmonic 47345 5th Harmonic 47347 7th Harmonic 47347 7th Harmonic 47349 9th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 4th Harmonic 47345 5th Harmonic 47346 5th Harmonic 47347 7th Harmonic 47347 9th Harmonic 47347 9th Harmonic 47349 9th Harmonic 47349 10th Harmonic 47349 10th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 10th harmonic component for this waveform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic 47343 4th Harmonic 47345 5th Harmonic 47346 6th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47349 9th Harmonic 47349 10th Harmonic 47351 11th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 11th harmonic component for this waveform
Element 17	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 4th Harmonic 47345 5th Harmonic 47346 5th Harmonic 47347 7th Harmonic 47347 9th Harmonic 47347 9th Harmonic 47349 9th Harmonic 47349 10th Harmonic 47349 10th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 10th harmonic component for this waveform
	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic 47343 3rd Harmonic 47345 5th Harmonic 47346 5th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47349 9th Harmonic 47349 11th Harmonic 47351 11th Harmonic 47351 11th Harmonic 47350 Meter 47360 Meter	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform
	47330 10th Harmonic 47331 21th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 4th Harmonic 47344 4th Harmonic 47345 5th Harmonic 47346 6th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47349 10th Harmonic 47341 11th Harmonic 47351 11th Harmonic 47352 12th Harmonic 47361 11th Harmonic 47361 11th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 11th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 2nd harmonic component for this waveform
	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic 47343 3rd Harmonic 47345 5th Harmonic 47346 5th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47349 9th Harmonic 47349 11th Harmonic 47351 11th Harmonic 47351 11th Harmonic 47350 Meter 47360 Meter	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform
	47330 10th Harmonic 47331 21th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 4th Harmonic 47345 5th Harmonic 47345 5th Harmonic 47347 7th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47349 9th Harmonic 47341 11th Harmonic 47342 12th Harmonic 47352 12th Harmonic 47361 11th Harmonic 47361 11th Harmonic 47362 2nd Harmonic 47362 17th Harmonic 47363 3rd Harmonic 47363 3rd Harmonic 47364 4th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th meter that this element is associated with 17total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform
	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic 47343 5th Harmonic 47345 5th Harmonic 47346 6th Harmonic 47347 7th Harmonic 47349 9th Harmonic 47349 11th Harmonic 47349 11th Harmonic 47351 11th Harmonic 47351 11th Harmonic 47352 12th Harmonic 47352 12th Harmonic 47353 3rd Harmonic 47363 5th Harmonic 47363 5th Harmonic 47365 5th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 6th harmonic component for this waveform
	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Weter 47341 THD 47342 2nd Harmonic 47343 4rd Harmonic 47343 4rd Harmonic 47345 5th Harmonic 47346 6th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47348 0th Harmonic 47349 10th Harmonic 47351 11th Harmonic 47351 11th Harmonic 47352 12th Harmonic 47350 Meter 47361 THD 47362 2nd Harmonic 47363 3rd Harmonic 47363 5rd Harmonic 47365 5th Harmonic 47366 6th Harmonic 47366 6th Harmonic 47367 7th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 2nd harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 7th harmonic component for this waveform 7th harmonic component for this waveform
	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 3rd Harmonic 47343 5th Harmonic 47345 5th Harmonic 47346 6th Harmonic 47347 7th Harmonic 47349 9th Harmonic 47349 11th Harmonic 47349 11th Harmonic 47351 11th Harmonic 47351 11th Harmonic 47352 12th Harmonic 47352 12th Harmonic 47353 3rd Harmonic 47363 5th Harmonic 47363 5th Harmonic 47365 5th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 6th harmonic component for this waveform
	47330 10th Harmonic 47331 21th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 4th Harmonic 47344 4th Harmonic 47345 5th Harmonic 47346 6th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47348 10th Harmonic 47349 10th Harmonic 47351 11th Harmonic 47351 11th Harmonic 47351 21th Harmonic 47363 Meter 47361 7th 47362 2nd Harmonic 47363 3rd Harmonic 47365 5th Harmonic 47366 6th Harmonic 47366 8th Harmonic 47368 8th Harmonic 47368 8th Harmonic 47369 9th Harmonic 47367 9th Harmonic 47369 9th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with 17th harmonic domponent for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 2nd harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform
	47330 10th Harmonic 47331 21th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 2th Harmonic 47343 4th Harmonic 47344 4th Harmonic 47346 5th Harmonic 47346 5th Harmonic 47347 7th Harmonic 47347 2th Harmonic 47349 1th Harmonic 47349 1th Harmonic 47349 1th Harmonic 47350 10th Harmonic 47351 11th Harmonic 47352 2th Harmonic 47360 Meter 47361 THD 47362 2nd Harmonic 47363 3rd Harmonic 47363 3rd Harmonic 47364 4th Harmonic 47365 5th Harmonic 47365 8th Harmonic 47367 8th Harmonic 47368 9th Harmonic 47369 9th Harmonic 47361 10th Harmonic 47371 11th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic distortion for this waveform 17dl harmonic distortion for this waveform 17dl harmonic component for this waveform 18dl harmonic component for this waveform 18dl harmonic component for this waveform 18dl harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic component for this waveform
	47330 10th Harmonic 47331 21th Harmonic 47332 12th Harmonic 47340 Meter 47341 THD 47342 2nd Harmonic 47343 4th Harmonic 47343 5th Harmonic 47345 5th Harmonic 47346 4th Harmonic 47347 7th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47349 10th Harmonic 47349 10th Harmonic 47340 10th Harmonic 47350 10th Harmonic 47351 21th Harmonic 47361 Alarmonic 47361 Alarmonic 47362 Table Harmonic 47363 3rd Harmonic 47365 5th Harmonic 47365 5th Harmonic 47366 6th Harmonic 47368 8th Harmonic 47369 9th Harmonic 47369 10th Harmonic 47369 10th Harmonic 47369 10th Harmonic 47360 10th Harmonic 47361 11th Harmonic 47371 11th Harmonic 47371 11th Harmonic 47372 12th Harmonic 47372 12th Harmonic 473730 Meter	UINT16 UI	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic component for this waveform
Element 18	47330 10th Harmonic 47331 11th Harmonic 47332 12th Harmonic 47340 Weter 47341 ThD 47342 2nd Harmonic 47343 4th Harmonic 47343 4th Harmonic 47345 5th Harmonic 47346 6th Harmonic 47347 7th Harmonic 47348 8th Harmonic 47349 1th Harmonic 47349 1th Harmonic 47351 1th Harmonic 47352 12th Harmonic 47352 12th Harmonic 47360 Meter 47361 ThD 47362 2nd Harmonic 47363 3rd Harmonic 47363 6th Harmonic 47364 6th Harmonic 47365 5th Harmonic 47366 6th Harmonic 47367 7th Harmonic 47368 8th Harmonic 47367 1th Harmonic 47368 8th Harmonic 47369 1th Harmonic 47369 1th Harmonic 47361 1th Harmonic 47367 1th Harmonic 47371 1th Harmonic	UINT16 UINT16 UINT16 UINT16 ENUM UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 13th harmonic component for this waveform 14th harmonic component for this waveform 15th harmonic component for this waveform 18th harmonic component for this waveform

	47202	la division de	LUNTAG	0.040/	2 diamenta and faultiness from
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47385	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
	47390	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 20		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Element 20	47401	***	UINT16	0.01%	Total harmonic distortion for this waverform
	47402	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 21	47420 47421	Meter	Enum UINT16	0.01%	The meter that this element is associated with Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16 UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
	47432	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 22		Meter	Enum		The meter that this element is associated with
	47441	1HD 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform  2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 23		Meter	Enum		The meter that this element is associated with
	47461	THD 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform 2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 24		Meter	Enum		The meter that this element is associated with
	47481	THD 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform 2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 25		Meter	Enum		The meter that this element is associated with
	47501	THD 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform 2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47504	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 26	47520	Meter	Enum		The meter that this element is associated with
	47521		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47525	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
	47529	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 27	47540	Meter	Enum		The meter that this element is associated with
	47541	THD	UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform

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		5th Harmonic 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 28		Meter	Enum		The meter that this element is associated with
	47561		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 29		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
	47581		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic 9th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 30		Meter	Enum	0.019/	The meter that this element is associated with
	47601 47602	THD 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform 2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic 6th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 31		Meter	Enum		The meter that this element is associated with
	47621		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47629	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 32		Meter	Enum		The meter that this element is associated with
	47641		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 33		Meter	Enum	0.0176	The meter that this element is associated with
	47661	THD	UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
	47665	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 34		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Element 54	47681		UINT16	0.01%	Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
		10th Harmonic	UINT16 UINT16	0.01%	10th harmonic component for this waveform
	47691	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Electric de		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 35	47700 47701	Meter THD	Enum UINT16	0.01%	The meter that this element is associated with Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47703	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform

	67700 Oth H		0.049/	
	47708 8th Harmonic 47709 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
	47710 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47711 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47712 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 36	47720 Meter 47721 THD	Enum UINT16	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform
	47722 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47723 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47724 4th Harmonic 47725 5th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47726 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47727 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47728 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47729 9th Harmonic 47730 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
	47731 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47732 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 37	47740 Meter	Enum		The meter that this element is associated with
	47741 THD 47742 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform  2nd harmonic component for this waveform
	47743 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47744 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47745 5th Harmonic 47746 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47747 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47748 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47749 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47750 10th Harmonic 47751 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
	47752 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 38	47760 Meter	Enum		The meter that this element is associated with
	47761 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47762 2nd Harmonic 47763 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
	47764 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47765 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47766 6th Harmonic 47767 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
	47768 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47769 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47770 10th Harmonic 47771 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
	47772 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 39	47780 Meter	Enum		The meter that this element is associated with
	47781 THD 47782 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform  2nd harmonic component for this waveform
	47782 2nd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47784 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47785 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47786 6th Harmonic 47787 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
	47788 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47789 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47790 10th Harmonic 47791 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
	47792 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 40	47800 Meter	Enum		The meter that this element is associated with
	47801 THD 47802 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform  2nd harmonic component for this waveform
	47803 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47804 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47805 5th Harmonic 47806 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47807 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47808 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47809 9th Harmonic 47810 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
	47811 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47812 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 41	47820 Meter	Enum	0.019/	The meter that this element is associated with  Total harmonic distortion for this waverform
	47821 THD 47822 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	I otal harmonic distortion for this waverform  2nd harmonic component for this waveform
	47823 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47824 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47825 5th Harmonic 47826 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47827 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47828 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47829 9th Harmonic 47830 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
	47830 10th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47832 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 42	47840 Meter 47841 THD	Enum	0.019/	The meter that this element is associated with  Total harmonic distortion for this waverform
	47841 THD 47842 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic distortion for this waveform
	47843 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47844 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47845 5th Harmonic 47846 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47847 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47848 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47849 9th Harmonic 47850 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
	47851 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47852 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 43	47860 Meter 47861 THD	Enum	0.019/	The meter that this element is associated with
	47861 THD 47862 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform  2nd harmonic component for this waveform
	47863 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47864 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47865 5th Harmonic 47866 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47867 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47868 8th Harmonic 47869 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform  9th harmonic component for this waveform
	47869 9th Harmonic	UINT16	0.01%	10th harmonic component for this waveform

	47871 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47872 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 44	47880 Meter	Enum		The meter that this element is associated with
	47881 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47882 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47883 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47884 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47885 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47886 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47887 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47888 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47889 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47890 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47891 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
17-11 A	47892 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Voltage A	47900 Meter 47901 THD	Bit Field UINT16	0.01%	The corresponding meter bit is set for each meter that is associated with this voltage  Total harmonic distortion for this waverform
	47901 THD 47902 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47902 2nd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47903 STO HARMONIC	UINT16	0.01%	4th harmonic component for this waveform
	47905 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47906 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47907 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47908 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47909 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47910 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47911 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47912 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Voltage B	47920 Meter	Bit Field		The corresponding meter bit is set for each meter that is associated with this voltage
	47921 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47922 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47923 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47924 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47925 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47926 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47927 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47928 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47929 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47930 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47931 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47932 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Voltage C	47940 Meter	Bit Field		The corresponding meter bit is set for each meter that is associated with this voltage
	47941 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47942 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47943 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47944 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47945 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47946 6th Harmonic	UINT16	0.01% 0.01%	6th harmonic component for this waveform
	47947 7th Harmonic	UINT16		7th harmonic component for this waveform
	47948 8th Harmonic 47949 9th Harmonic	UINT16	0.01% 0.01%	8th harmonic component for this waveform
	47949 9th Harmonic 47950 10th Harmonic	UINT16 UINT16	0.01%	9th harmonic component for this waveform  10th harmonic component for this waveform
	47950 10th Harmonic 47951 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform  11th harmonic component for this waveform
	47951 11th Harmonic 47952 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform  12th harmonic component for this waveform
	47532 IZUI HallIIOIIIC	OINTIO	0.01/0	12th national component for this wavefulli

System Parameters - Read Only

Modbus					
Address	Name	Format	Scale	Default	Description/Format
	40001 Serial Number Low	UINT16	x1		This is consistent with the original document. This is effectively little Endian UINT32
	40002 Serial Number High	UINT16	x1		This is consistent with the original document. This is effectively little Endian UINT32
	40003 Firmware Version	UINT16	x1		
	40004 OEM Identification	UINT16	x1		"PT" in ASCII
	40005 Meter Model	UINT16	x1		636 {109, 431, 636,45, 888}
	40014 Number of Curent Element on Unit	UINT16	x1		16 This is a maximum of 16 on the MP636
	40015 Number of Meters on Unit	UINT16	x1		For the MP636, this will be 6, 8, or 16, for the 5x3 phase (+1x1phase), 8x2phase, or 16x1 phase
	40016 Modbus Uptime	UINT32	x1		This is the number of seconds since the last power cycle on the modbus module.
	40019 Meter Config	UINT16	x1		The configuration of the meter

48000-7000

bus ess	Namo	E	Access	Default	Description/Format
ess 4800	Name O PTRatio	Format UINT16	R/W		The PT ratio that will be used in calculations. It does not affect meter operation.
4800		UINTID	R/ W	1	The PT ratio that will be used in calculations. It does not affect meter operation.
4000					Changes to the Modbus address take effect immediately. The next command must use the change
4800	2 Address	UINT16	R/W	1	address, otherwise the module will not respond
	3 Baud Rate	Enumated	R/W		3 = 9600 bps 4 = 19200 bps 5 = 38400 bps 6 = 57600 bps 7 = 115200 bps
4800	4 CT Ratio - Meter 1	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	5 CT Ratio - Meter 2	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4800	6 CT Ratio - Meter 3	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	7 CT Ratio - Meter 4	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	8 CT Ratio - Meter 5	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4800		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4801	O CT Ratio - Meter 7	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	1 CT Ratio - Meter 8	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	2 CT Ratio - Meter 9	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	3 CT Ratio - Meter 10	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	4 CT Ratio - Meter 11	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	5 CT Ratio - Meter 12	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	6 CT Ratio - Meter 13	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4801		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
		UINT16	.,,		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
4801 4801		UINT16	R/W R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
4801			R/W		0 = 1 minute 1 = 5 minutes 2 = 15 minutes 3 = 30 minutes 4 = 60 minutes 5 = Disabled
4802	Demand Intervals	Enumerated	K/VV		0=1 minute 1=5 minutes 2=15 minutes 3=30 minutes 4=60 minutes 5=Disabled
	<b></b>				
	0 CT Ratio - Meter 1	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4805	1 CT Ratio - Meter 2	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4805	2 CT Ratio - Meter 3	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4805	3 CT Ratio - Meter 4	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4805	4 CT Ratio - Meter 5	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4805	5 CT Ratio - Meter 6	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4805	6 CT Ratio - Meter 7	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4805	7 CT Ratio - Meter 8	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4805	8 CT Ratio - Meter 9	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4805	9 CT Ratio - Meter 10	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4806		UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4806		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4806		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4806		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4806		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4806		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	6 CT Ratio - Meter 17	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4806		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	8 CT Ratio - Meter 19	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	9 CT Ratio - Meter 19	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
	O CT Ratio - Meter 20	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
			R/W R/W		The CT ratio that will be used in calculations. Minimum value of 1000.  The CT ratio that will be used in calculations. Minimum value of 1000.
	1 CT Ratio - Meter 22	UINT16	.,,		
	2 CT Ratio - Meter 23	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4807		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4807		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4807		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4807		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4807		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	8 CT Ratio - Meter 29	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	9 CT Ratio - Meter 30	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	0 CT Ratio - Meter 31	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	1 CT Ratio - Meter 32	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	2 CT Ratio - Meter 33	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4808		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4808		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4808		UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
4808	6 CT Ratio - Meter 37	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4808	7 CT Ratio - Meter 38	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4808	8 CT Ratio - Meter 39	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
4808	9 CT Ratio - Meter 40	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	O CT Ratio - Meter 41	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	1 CT Ratio - Meter 42	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.
	2 CT Ratio - Meter 43	UINT16	R/W		The CT ratio that will be used in calculations. Minimum value of 1000.

		Meter 1 Information				
	Modbus					
	Address	Name	Format	Unit	Default	Description/Format
-7000	481	OO Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
	481	01 Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
	481	O3 Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
	481	OS Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
	481	07 Current A	UINT32	mA		The value will be the reported current * CTRatio/5
	481	O9 Current B	UINT32	mA		The value will be the reported current * CTRatio/5
	481	11 Current C	UINT32	mA		The value will be the reported current * CTRatio/5
	481	13 Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	481	15 Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	481	17 Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	481	19 Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
	481	21 Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
	481	Volt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5

48125			
48127			
48129			
48131 Power Factor A	INT32	0.001 Units	
48133 Power Factor B	INT32	0.001 Units	
48135 Power Factor C	INT32	0.001 Units	
48137			
48139			
48141			
48143 kWh	UINT32	Wh	
48145 kVAh	UINT32	VAh	
48147			
48149 Frequency	UINT32	0.01 Hz	
48151 Meter Demand Average	INT32	W	
48153 Meter Demand Peak	INT32	W	
48155 Voltage Average	UINT32	mV	Average of the voltage from each phase
48157 Meter Total Current	UINT32	mA	Average of the current from each phase
48159			
48161 Meter Total Watts	UINT32	0.01 W	
48163 Meter Total VA	UINT32	0.01 VA	
48165			
48167			
48169			

## Meter 2 Information

ress	Name	Format	Unit	Default	Description/Format
	48200 Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
	48201 Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
	48203 Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
	48205 Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
	48207 Current A	UINT32	mA		The value will be the reported current * CTRatio/5
	48209 Current B	UINT32	mA		The value will be the reported current * CTRatio/5
	48211 Current C	UINT32	mA		The value will be the reported current * CTRatio/5
	48213 Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	48215 Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	48217 Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	48219 Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
	48221 Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
	48223 Volt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
	48225				
	48227				
	48229				
	48231 Power Factor A	INT32	0.001 Units		
	48233 Power Factor B	INT32	0.001 Units		
	48235 Power Factor C	INT32	0.001 Units		
	48237				
	48239				
	48241				
	48243 kWh	UINT32	WH		
	48245 kVAh	UINT32	VA		
	48247				
	48249 Frequency	UINT32	0.01 Hz		
	48251 Watt Demand Average	INT32	W		
	48253 Watt Demand Peak	INT32	W		
	48255 Voltage Average	UINT32	mV		Average of the voltage from each phase
	48257 Meter Total Current	UINT32	mA		Average of the current from each phase
	48259				
	48261 Meter Total Watts	UINT32	0.01 W		
	48263 Meter Total VA	UINT32	0.01 VA		
	48265				

Meter x Information	where x = 1 43	
	WIIEIE X - 1 43	
Start Address	where x = 1 43	

Meter Id	Start Address	
1	41100	
2	48200	
3	48300	
4	48400	
5	48500	
6	48600	
7	48700	
8	48800	
9	48900	
10	49000	
11	49100	
12	49200	
13	49300	
14	49400	
15	49500	
16	49600	
17	49700	
18	49800	
19	49900	
20	50000	
21	50100	
22	50200	
23	50300	
24	50400	
25	50500	
26	50600	
27	50700	
28	50800	

29	50900
30	51000
31	51100
32	51200
33	51300
34	51400
35	51500
36	51600
37	51700
38	51800
39	51900
40	52000
41	52100
42	52200
43	52300

The start address for the meter is listed in the table above

Modbus					
Address	Name	Format	Unit	Default	Description/Format
18x00	Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
18x01	Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
18x03	Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
18x05	Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
18x07	Current A	UINT32	mA		The value will be the reported current * CTRatio/5
18x09	Current B	UINT32	mA		The value will be the reported current * CTRatio/5
18x11	Current C	UINT32	mA		The value will be the reported current * CTRatio/5
18x13	Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
18x15	Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
18x17	Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
18x19	Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
8x21	Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
18x23	Volt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
18x25					
8x27					
48x29					
48x31	Power Factor A	INT32	0.001 Units		
18x33	Power Factor B	INT32	0.001 Units		
18x35	Power Factor C	INT32	0.001 Units		
18x37					
18x39					
18x41					
18x43	kWh	UINT32	Wh		
18x45	kVAh	UINT32	VAh		
18x47					
18x49	Frequency	UINT32	0.01 Hz		
18x51	Watt Demand Average	INT32	W		
18x53	Watt Demand Peak	INT32	W		
18x55	Voltage Average	UINT32	mV		Average of the voltage from each phase
8x57	Meter Total Current	UINT32	mA		Average of the current from each phase
18x59					- War a state of the state of t
8x61	Meter Total Watts	UINT32	0.01 W		
18x63	Meter Total VA	UINT32	0.01 VA		
48x65	kW Demand exceeds set value	INT32	W		Sets the kW threshold that sets the demand flag.

	Mini Register Ma	ар				
	Modbus					
	Address	Name	Format	Unit	Default	Description/Format
Meter 1	53000	kWh	UINT32	Wh		
48000	53002	Demand Average	UINT32	W		
	53004	Demand Peak	UINT32	W		
	53006	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53008	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 2	53010	kWh	UINT32	Wh		
	53012	Demand Average	UINT32	W		
	53014	Demand Peak	UINT32	W		
	53016	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53018	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 3	53020	kWh	UINT32	Wh		
	53022	Demand Average	UINT32	W		
	53024	Demand Peak	UINT32	W		
	53026	Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 4	53030		UINT32	Wh		·
		Demand Average	UINT32	W		
		Demand Peak	UINT32	W		
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 5	53040		UINT32	Wh		·
		Demand Average	UINT32	W		
		Demand Peak	UINT32	W		
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 6	53050		UINT32	Wh		
meter o		Demand Average	UINT32	W		
		Demand Peak	UINT32	w		
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 7	53060		UINT32	Wh		
Wicter 7		Demand Average	UINT32	w		
		Demand Peak	UINT32	w		
		Voltage Average	UINT32	mV		Average of the voltage from each phase
		Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 8	53070		UINT32	Wh		Average of the current form countymose
ivietei ö		Demand Average	UINT32 UINT32	W		
		Demand Peak	UINT32	W		
		Voltage Average	UINT32	mV		Average of the voltage from each phase
	53078	Meter Total Current	UINT32	mA		Average of the current from each phase

Meter 9	53080	kWh	UINT32	Wh	
	53082	Demand Average	UINT32	W	
	53084	Demand Peak	UINT32	W	
		Voltage Average	UINT32	mV	Average of the voltage from each phase
	53088	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 10	53090	kWh	UINT32	Wh	
		Demand Average Demand Peak	UINT32	W	
		Voltage Average	UINT32 UINT32	W mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 11	53100	kWh	UINT32	Wh	
1110001 22		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
	53106	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53108	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 12	53110	kWh	UINT32	Wh	
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
		Voltage Average	UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA .	Average of the current from each phase
Meter 13	53120		UINT32	Wh	
		Demand Average	UINT32	W W	
		Demand Peak Voltage Average	UINT32 UINT32	mV	Average of the voltage from each phase
	53128	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 14	53130	kWh	UINT32	Wh	
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
		Voltage Average	UINT32	mV	Average of the voltage from each phase
	53138	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 15	53140	kWh	UINT32	Wh	
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	A constitution from the form
		Voltage Average	UINT32	mV mA	Average of the current from each phase
8441111		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 16	53150		UINT32	Wh W	
		Demand Average Demand Peak	UINT32	**	
		Demand Peak Voltage Average	UINT32 UINT32	W mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 17	53160		UINT32	Wh	
meter 17		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
	53166	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53168	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 18	53170	kWh	UINT32	Wh	
	53172	Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
		Voltage Average	UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 19	53180		UINT32	Wh	
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	Accesses of the continue from each where
		Voltage Average Meter Total Current	UINT32 UINT32	mV mA	Average of the voltage from each phase  Average of the current from each phase
Meter 20	53190		UINT32	Wh	Average of the current from each phase
Weter 20		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
		Voltage Average	UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 21	53200	kWh	UINT32	Wh	
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
		Voltage Average	UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 22	53210	kWh	UINT32	Wh	
		Demand Average	UINT32 UINT32	W W	
		Demand Peak Voltage Average	UINT32 UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the voitage from each phase  Average of the current from each phase
Meter 23	53220		UINT32	Wh	Average of the current form each phase
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
	53226	Voltage Average	UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 24	53230		UINT32	Wh	
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	A constitution from the form
		Voltage Average Meter Total Current	UINT32 UINT32	mV mA	Average of the voltage from each phase  Average of the current from each phase
Meter 25	53238	kWh	UINT32	Wh	Average of the content from each phase
Weter 23			UINT32	W	
		Demand Average Demand Peak	UINT32	W	
		Voltage Average	UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 26	53250	kWh	UINT32	Wh	
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
		Voltage Average	UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 27	53260		UINT32	Wh	
		Demand Average Demand Peak	UINT32 UINT32	W W	
		Voltage Average	UINT32 UINT32	mV	Average of the voltage from each phase
		Meter Total Current	UINT32 UINT32	mA	Average of the voltage from each phase  Average of the current from each phase
Meter 28	53270	kWh	UINT32	Wh	
		Demand Average	UINT32	W	
		Demand Peak	UINT32	W	
	53274		UINT32	mV	Average of the voltage from each phase
		Voltage Average			
	53276 53278	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 29	53276 53278 53280	Meter Total Current kWh	UINT32 UINT32	Wh	Average of the current from each phase
Meter 29	53276 53278 53280 53282	Meter Total Current kWh Demand Average	UINT32 UINT32 UINT32	Wh W	Average of the current from each phase
Meter 29	53276 53278 53280 53282 53284	Meter Total Current kWh Demand Average Demand Peak	UINT32 UINT32 UINT32 UINT32	Wh W	
Meter 29	53276 53278 53280 53282 53284 53284	Meter Total Current kWh Demand Average Demand Peak Voltage Average	UINT32 UINT32 UINT32 UINT32 UINT32	Wh W W mV	Average of the voltage from each phase
	53276 53278 53280 53282 53284 53286 53288	Meter Total Current kWh Demand Average Demand Peak Voltage Average Meter Total Current	UINT32 UINT32 UINT32 UINT32 UINT32 UINT32	Wh W W mV mA	
Meter 29 Meter 30	53276 53278 53280 53282 53284 53284	Meter Total Current kWh Demand Average Demand Peak Voltage Average Meter Total Current	UINT32 UINT32 UINT32 UINT32 UINT32	Wh W W mV	Average of the voltage from each phase

1938   Command Feat   UNIT32   W		53292	Demand Average	UINT32	W	
Meter 31   35000 North		53294	Demand Peak	UINT32	W	
Meter 31   33300 / No.   1011732   W		53296	Voltage Average	UINT32	mV	
\$3300   Pormand Prompts   UNIT32   W						Average of the current from each phase
Meter 32   193300   Command Peaks   UNIT 32   W	Meter 31					
Meter 32   19.338   Motter Foot Current   UNIT32   VIV						
Meter 22   S330 Web   UNIT 22   Wh						A constitution from such above
Meter 32   S3310 Wh						
Meter 33   19	Meter 32					Average of the current from each phase
Meter 33   33316   Voltage Average   UINT32   W	Wieter 32					
Meter 33   33310   Moter Total Current   UNIT 32 mV						
Saba		53316	Voltage Average	UINT32	mV	Average of the voltage from each phase
\$3328 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3328 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3328 Deter for Incl Current UNIT32 W   Average of the current from each phase   \$3338 Deter for Incl Current UNIT32 W   Average of the voltage from each phase   \$3338 Deter for Incl Current UNIT32 W   Average of the voltage from each phase   \$3338 Deter for Incl Current UNIT32 W   Average of the voltage from each phase   \$3340 Demand Average UNIT32 W   Average of the voltage from each phase   \$3340 Demand Average UNIT32 W   Average of the voltage from each phase   \$3340 Demand Average UNIT32 W   Average of the voltage from each phase   \$3340 Demand Average UNIT32 W   Average of the voltage from each phase   \$3340 Demand Average UNIT32 W   Average of the voltage from each phase   \$3340 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32 W   Average of the voltage from each phase   \$3350 Demand Peak UNIT32		53318	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 34   S3326   Meter foot Current   UN1732   W   Average of the voltage from each phase	Meter 33	53320	kWh	UINT32	Wh	
Meter 34   S3326   Morth Folia Current   UNIT32   Wh						
Meter 34   S332   Meter Total Current   UNIT32   W						
Meter 34   \$3330   Wrh						
\$333						Average of the current from each phase
5333   Demand Peak   UNT32	Wieter 34					
Meter 35   53336 Voltage Average   UNT32						
Meter 35   S3339   Meter Total Current   UINT32						Average of the voltage from each phase
S3340   Demand Average   UINT32   W					mA	
Meter 36   S3346   Demand Peak   UINT32   W   Average of the voltage from each phase   S3346   Meter Total Current   UINT32   W   Average of the voltage from each phase   S3350   Demand Average   UINT32   W   S3350   Demand Average   UINT32   W   S3350   Demand Average   UINT32   W   Average of the voltage from each phase   S3356   Voltage Average   UINT32   W   Average of the voltage from each phase   W   S3350   W   UINT32   W   Average of the voltage from each phase   W   S3350   W   UINT32   W   Average of the voltage from each phase   W   S3360   W   UINT32   W   Average of the voltage from each phase   S3366   Demand Average   UINT32   W   Average of the voltage from each phase	Meter 35	53340	kWh	UINT32	Wh	
S3348   Voltage Average   UNT32		53342	Demand Average	UINT32	W	
Meter 36						
Meter 36						
\$3332   Demand Average						Average of the current from each phase
\$335   Demand Peak   UINT32	Meter 36					
S3356 Voltage Average						
Meter 37						Average of the voltage from each phase
Meter 37						
S3366   Demand Peak   UINT32   W   Average of the voltage from each phase	Meter 37	53360	kWh	UINT32	Wh	
S3366 Voltage Average		53362	Demand Average	UINT32	W	
Meter 38   S3370   Meter Total Current   UINT32					W	
Meter 38						
S3372   Demand Average						Average of the current from each phase
S3374   Demand Peak   UINT32   W   Average of the voltage from each phase   S3378   Meter Total Current   UINT32   mA   Average of the current from each phase   S3380   KWh   UINT32   W   Average of the current from each phase   UINT32   W   Average of the curre	Meter 38					
S3376   Voltage Average   UINT32   mV   Average of the voltage from each phase					•••	
Meter 49						Average of the voltage from each phase
S382   Demand Average						
S3384   Demand Peak   UINT32   W   Average of the voltage from each phase	Meter 39	53380	kWh	UINT32	Wh	
S3386   Voltage Average						
Meter 40						
Meter 40						
S3392   Demand Average	Material 40					Average or the current from each phase
S3394   Demand Peak   UINT32   W   Average of the voltage from each phase	Meter 40					
S3395 Voltage Average						
Meter 41   S3490   Meter Total Current   UINT32   mA						Average of the voltage from each phase
Meter 41						
S3404   Demand Peak   UINT32   W	Meter 41	53400			Wh	
Meter 42   S3410   Wolfage Average   UINT32   mV   Average of the voltage from each phase		53402	Demand Average	UINT32	W	
Meter 42						
Meter 42						
S3412   Demand Average						Average of the current from each phase
S3414   Demand Peak	ivieter 42					
S3415   Voltage Average						
S3418 Meter Total Current UINT32 mA Average of the current from each phase  Meter 43 S3420 kWh UINT32 Wh S3422 Demand Average UINT32 W S3424 Demand Peak UINT32 W S3426 Voltage Average UINT32 W S3426 Voltage Average UINT32 W						Average of the voltage from each phase
Meter 43         53420 kWh         UINT32         Wh           53422 Demand Average         UINT32         W           53424 Demand Peak         UINT32         W           53425 Voltage Average         UINT32         mV         Average of the voltage from each phase						
53424 Demand Peak UINT32 W 53426 Voltage Average UINT32 mV Average of the voltage from each phase	Meter 43		kWh	UINT32	Wh	
53426 Voltage Average UINT32 mV Average of the voltage from each phase						
33428 Meter Total Current UINT32 mA Average of the current from each phase						
		53428	Meter Total Current	UINT32	mA	Average or the current from each phase

Element 0	47000 Meter		Enum		The meter that this element is associated with
	47001 THD		UINT16	0.01%	Total harmonic distortion for this waverform
	47002 Fundam	ental	UINT16	0.01%	Fundamental component for this waveform
	47003 2nd Har	monic	UINT16	0.01%	2nd harmonic component for this waveform
	47004 3rd Harr	monic	UINT16	0.01%	3rd harmonic component for this waveform
	47005 4th Harr	monic	UINT16	0.01%	4th harmonic component for this waveform
	47006 5th Harr	monic	UINT16	0.01%	5th harmonic component for this waveform
	47007 6th Harr	monic	UINT16	0.01%	6th harmonic component for this waveform
	47008 7th Harr	monic	UINT16	0.01%	7th harmonic component for this waveform
	47009 8th Harr	monic	UINT16	0.01%	8th harmonic component for this waveform
	47010 9th Harr	monic	UINT16	0.01%	9th harmonic component for this waveform
	47011 10th Ha	rmonic	UINT16	0.01%	10th harmonic component for this waveform
	47012 11th Ha	rmonic	UINT16	0.01%	11th harmonic component for this waveform
	47013 12th Ha	rmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 1	47020 Meter		Enum		The meter that this element is associated with
	47021 THD		UINT16	0.01%	Total harmonic distortion for this waverform
	47022 Fundam	ental	UINT16	0.01%	Fundamental component for this waveform
	47023 2nd Har	monic	UINT16	0.01%	2nd harmonic component for this waveform
	47024 3rd Harr	monic	UINT16	0.01%	3rd harmonic component for this waveform
	47025 4th Harr	monic	UINT16	0.01%	4th harmonic component for this waveform
	47026 5th Harr	monic	UINT16	0.01%	5th harmonic component for this waveform
	47027 6th Harr	monic	UINT16	0.01%	6th harmonic component for this waveform
	47028 7th Harr	monic	UINT16	0.01%	7th harmonic component for this waveform
	47029 8th Harr	monic	UINT16	0.01%	8th harmonic component for this waveform
	47030 9th Harr	monic	UINT16	0.01%	9th harmonic component for this waveform
	47031 10th Ha	rmonic	UINT16	0.01%	10th harmonic component for this waveform
	47032 11th Ha		UINT16	0.01%	11th harmonic component for this waveform
	47033 12th Ha	rmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 2	47040 Meter		Enum		The meter that this element is associated with
	47041 THD		UINT16	0.01%	Total harmonic distortion for this waverform
	47042 Fundam		UINT16	0.01%	Fundamental component for this waveform
	47043 2nd Har	monic	UINT16	0.01%	2nd harmonic component for this waveform

Provent					
Part					
Parent					
Common					
Parent					
1.00   2.00   1.00					
Parent					
Commons					
1880   10   10   10   10   10   10   1					12th harmonic component for this waveform
Marie   Mari	Element 3				
1860   20					
Marie   Mari					
Process   1,000   100		47064 3rd Harmonic	UINT16	0.01%	
1.00					·
Manual					
1906   1907   10   10   10   10   10   10   10		47069 8th Harmonic	UINT16	0.01%	
Manuscrip					·
Comment					
Semestra					
March	Element 4				
1,480   And Ammenia					
1989   14 Homes					
1, 1989   Minimum   Mini					
1, 1987   ch harmonic   UNIT 15					
March   Marc			UINT16	0.01%	5th harmonic component for this waveform
1, 1700   10   10   10   10   10   10   10					
1,4000 of his manusic   UNIT 16					
Marie   1987   11					
1,000   1,00					10th harmonic component for this waveform
1					
17.00	Flament 5			0.01%	
# 1700   Junishments   UNITIS   0.015	ciements			0.01%	
#7006 db Namonic					
4700 6 ht Namonic					·
# 2705 60 histmonic					The state of the s
1708   This harmonic   UNIT 16					
1988   Marmonic component for this sweetform   1981   1981   Marmonic component for this sweetform   1982   1981					6th harmonic component for this waveform
1988   Marmonic Component for this waveform   1981   10th Harmonic Component for this waveform   1982   10					
1711   10h Harmonic   UNT16					·
4711   11h Harmonic   UNT16   O.01%   11h harmonic component for this waveform					
Element 6   4.7120 Meter			UINT16	0.01%	
### 4712 FIVED ### 4713 FIVED ### 4714 FIVED ### 47				0.01%	•
47122 Fundamental   UNITIS   O.01%   Fundamental component for this waveform   47123 And Harmonic   UNITIS   O.01%   3rd harmonic component for this waveform   47125 dh Harmonic   UNITIS   O.01%   3rd harmonic component for this waveform   47126 5th Harmonic   UNITIS   O.01%   5th harmonic component for this waveform   47126 5th Harmonic   UNITIS   O.01%   5th harmonic component for this waveform   0.01%   0.	Element 6			0.01%	
# 47124 By Harmonic UNT16 0.01% 3rd harmonic component for this waveform 47126 th Harmonic UNT16 0.01% 4th harmonic component for this waveform 47126 th Harmonic UNT16 0.01% 5th harmonic component for this waveform 47127 first harmonic UNT16 0.01% 6th harmonic component for this waveform 47127 first harmonic UNT16 0.01% 7th harmonic component for this waveform 47128 bit harmonic UNT16 0.01% 8th harmonic component for this waveform 47131 5th harmonic UNT16 0.01% 9th harmonic component for this waveform 47131 5th harmonic UNT16 0.01% 9th harmonic component for this waveform 47131 5th harmonic UNT16 0.01% 1th harmonic component for this waveform 47131 5th harmonic UNT16 0.01% 1th harmonic component for this waveform 47131 5th harmonic UNT16 0.01% 1th harmonic component for this waveform 47131 5th harmonic UNT16 0.01% 1th harmonic component for this waveform 47132 first harmonic UNT16 0.01% 1th harmonic component for this waveform 47132 first harmonic UNT16 0.01% 1th harmonic Component for this waveform 47132 first harmonic UNT16 0.01% 1th harmonic Component for this waveform 47134 5th harmonic UNT16 0.01% 3rd harmonic component for this waveform 47134 5th harmonic UNT16 0.01% 3rd harmonic component for this waveform 47134 5th harmonic UNT16 0.01% 3rd harmonic component for this waveform 47134 5th harmonic UNT16 0.01% 3th harmonic component for this waveform 47134 5th harmonic UNT16 0.01% 3th harmonic component for this waveform 47135 5th harmonic UNT16 0.01% 3th harmonic component for this waveform 47135 5th harmonic UNT16 0.01% 3th harmonic component for this waveform 47136 5th harmonic UNT16 0.01% 3th harmonic component for this waveform 47136 5th harmonic UNT16 0.01% 3th harmonic component for this waveform 47136 5th harmonic UNT16 0.01% 3th harmonic component for this waveform 47136 5th harmonic UNT16 0.01% 3th harmonic component for this waveform 47136 5th harmonic UNT16 0.01% 3th harmo					
47126 th Harmonic UNT16					
### 47126 6h Harmonic UNIT 16 0.01% 6h Harmonic component for this waveform 47126 7h Harmonic UNIT 16 0.01% 6h Harmonic component for this waveform 7th Harmonic					
47122 fb Harmonic					
47139 8th Hammonic					·
AT33 9th Harmonic					
1733   10h Harmonic   UINT16   0.01%   10h Harmonic component for this waveform   1733   12h Harmonic   UINT16   0.01%   12h harmonic component for this waveform   1741   1740   UINT16   0.01%   12h harmonic component for this waveform   1741   1740   UINT16   0.01%   Total harmonic distortion for this waveform   1742   1744   1740   UINT16   0.01%   Total harmonic distortion for this waveform   1743   2nd Harmonic   UINT16   0.01%   2nd harmonic component for this waveform   1743   2nd Harmonic   UINT16   0.01%   2nd harmonic component for this waveform   1743   3nd Harmonic   UINT16   0.01%   3nd harmonic component for this waveform   1746   5th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   1746   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   1748   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   1748   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   1748   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   1745   7th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   1746   7th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   1746   7th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   1746   7th Harmonic   UINT16   0.01%   10th harmonic component for this waveform					·
14713   12th Harmonic   1711   12th Harmonic   1711   1710   1711   1710   1711   1710   1711   1710   1711   1710   1711   1711   1710   1711   1710   1711   1710   1711   1710   1711   17					
Part		47132 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
4714   THD				0.01%	
47142	Element 7			0.019/	
4714 32 Pol Harmonic					
A7145   4th Harmonic   UINT16   0.01%   5th harmonic component for this waveform			UINT16	0.01%	
A7146 Sth Harmonic					
47147   th Harmonic					
47148					
47151   9th Harmonic   UINT16   0.01%   9th harmonic component for this waveform   47152   11th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47153   12th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   47156   12th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   47161   THD   UINT16   0.01%   Total harmonic distortion for this waveform   47162   Fundamental   UINT16   0.01%   Fundamental component for this waveform   47163   2nd Harmonic   UINT16   0.01%   2nd harmonic component for this waveform   47164   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47165   5th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47166   5th Harmonic   UINT16   0.01%   3th harmonic component for this waveform   47167   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47168   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47169   7th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   47169   7th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   47171   10th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   47171   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47171   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47182   Fundamental   UINT16   0.01%   10th harmonic component for this waveform   47182   Fundamental   UINT16   0.01%   10th harmonic component for this waveform   47184   3rd Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47185   5th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47186   5th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47187   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47189   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47189   5th Harmonic   UINT16   0.01%   5th ha					
47151 10th Harmonic					
47152   11th Harmonic					
Element 8		47152 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
47161 THD				0.01%	•
47162 Fundamental	Element 8			0.019/	
47163 2nd Harmonic					
47165 4th Harmonic		47163 2nd Harmonic	UINT16	0.01%	
47166 5th Harmonic					·
47167 6th Harmonic					
47168 7th Harmonic					
47170 9th Harmonic UINT16		47168 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
47171 10th Harmonic UINT16					
47172 11th Harmonic UINT16					
1713   12th Harmonic   12th Harmonic   12th Harmonic   12th Harmonic component for this waveform   12th Harmonic component for this waveform   12th Harmonic component for this waveform   17181   17th   1					
47181 THD         UINT16         0.01%         Total harmonic distortion for this waverform           47182 Fundamental         UINT16         0.01%         Fundamental component for this waveform           47183 2nd Harmonic         UINT16         0.01%         2nd harmonic component for this waveform           47185 3th Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47186 5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47187 6th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47188 7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47189 8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47190 9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47191 10th Harmonic         UINT16         0.01%         9th harmonic component for this waveform		47173 12th Harmonic			
47182         Fundamental         UINT16         0.01%         Fundamental component for this waveform           47183         2nd Harmonic         UINT16         0.01%         2nd harmonic component for this waveform           47184         4rd Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47185         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47187         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47189         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47189         9th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47190         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47191         10th Harmonic         UINT16         0.01%         9th harmonic component for this waveform	Element 9				
47183         2nd Harmonic         UINT16         0.01%         2nd harmonic component for this waveform           47184         3rd Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47185         5th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47187         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47188         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47189         9th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47190         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47191         10th Harmonic         UINT16         0.01%         9th harmonic component for this waveform					
47184 3rd Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47185 5th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47186 7th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47187 7th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47188 7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47190 9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47191 10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform					
47185         4th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47186         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47187         7th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47189         8th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47190         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47191         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform					
47187         6th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47188         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47190         9th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47191         10th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47191         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform		47185 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
47188 7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47189 8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47190 9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47191 10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform					
47189 8th Harmonic UINT16 0.01% 8th harmonic component for this waveform 47190 10th Harmonic UINT16 0.01% 9th harmonic component for this waveform 47191 10th Harmonic UINT16 0.01% 10th harmonic component for this waveform					
47191 10th Harmonic UINT16 0.01% 10th harmonic component for this waveform		47189 8th Harmonic		0.01%	8th harmonic component for this waveform
222 Each manner. Shirt 20 South 11th manner. Component on this waverorm					
			5 20	0.01/3	

	A7103	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 10		Meter	Enum	0.01%	The meter that this element is associated with
Lieilieiit 10	47200		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic		0.01%	•
		4th Harmonic	UINT16 UINT16	0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 11		Meter	Enum		The meter that this element is associated with
	47221	THD	UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47223	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47226	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47227	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47228	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47229	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47230	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47231	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47232	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 12		Meter	Enum		The meter that this element is associated with
	47241		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 13		12th Harmonic Meter	UINT16	0.01%	12th harmonic component for this waveform  The meter that this element is associated with
Element 13			Enum	0.010/	
	47261	Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	-	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 14		Meter	Enum		The meter that this element is associated with
	47281		UINT16	0.01%	Total harmonic distortion for this waverform
	47282	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47283	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47284	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47285	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47286	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47287	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
F1	7.7		UINT16	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Element 15	47301	Meter	Enum UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47310	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	7 7	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 16		Meter	Enum		The meter that this element is associated with
	47301		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic 10th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
			UINT16	0.01%	10th harmonic component for this waveform
	4/312	11th Harmonic 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
	/7212			0.01/0	The meter that this element is associated with
Flement 17		Meter	Fnum		
Element 17	47320	Meter THD	Enum UINT16	0.01%	
Element 17	47320 47321	. THD	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform
Element 17	47320 47321 47322	THD Fundamental		0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform
Element 17	47320 47321 47322 47323	. THD	UINT16 UINT16	0.01%	Total harmonic distortion for this waverform
Element 17	47320 47321 47322 47323 47324	THD Fundamental 2nd Harmonic	UINT16 UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform
Element 17	47320 47321 47322 47323 47324 47325	THD Fundamental 2nd Harmonic 3rd Harmonic	UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform
Element 17	47320 47321 47322 47323 47324 47325 47326	THD Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform

	47220	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 18	47333 47340	12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
	47341		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 19	47353		Enum	0.01%	The meter that this element is associated with
	47361	THD	UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01%	6th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 20		Meter	Enum	0.01/0	The meter that this element is associated with
	47381		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Fundamental component for this waveform  2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic 6th Harmonic	UINT16 UINT16	0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47389	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 21	47400		Enum		The meter that this element is associated with
	47401	THD Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47404	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 22	47413 47420	12th Harmonic	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Element 22	47420 47421		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 23		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
	47441		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform 3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		8th Harmonic	UINT16 UINT16	0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
	47450	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 24	47460		Enum		The meter that this element is associated with
	47461		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental 2nd Harmonic	UINT16 UINT16	0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47465	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
	47469	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
	47473	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 25	47480 47481		Enum	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform
		THD Fundamental	UINT16 UINT16	0.01%	Fundamental component for this waveform
		•			•

				0.01%	2nd harmonic component for this waveform
				0.01%	3rd harmonic component for this waveform
				0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
				0.01%	6th harmonic component for this waveform
				0.01%	7th harmonic component for this waveform
	47489	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
				0.01%	9th harmonic component for this waveform
				0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
				0.01%	12th harmonic component for this waveform
Element 26			Enum		The meter that this element is associated with
	47501			0.01%	Total harmonic distortion for this waverform
				0.01%	Fundamental component for this waveform
	7.77			0.01% 0.01%	2nd harmonic component for this waveform 3rd harmonic component for this waveform
		4th Harmonic		0.01%	4th harmonic component for this waveform
				0.01%	5th harmonic component for this waveform
				0.01%	6th harmonic component for this waveform
				0.01%	7th harmonic component for this waveform
				0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
				0.01%	10th harmonic component for this waveform
			UINT16	0.01%	11th harmonic component for this waveform
				0.01%	12th harmonic component for this waveform
Element 27		***	Enum		The meter that this element is associated with
	47521	=		0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform
				0.01%	2nd harmonic component for this waveform
				0.01%	3rd harmonic component for this waveform
			UINT16	0.01%	4th harmonic component for this waveform
				0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic		0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
				0.01%	8th harmonic component for this waveform
					9th harmonic component for this waveform
	47531	. 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
				0.01%	11th harmonic component for this waveform
Element 28			UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
ciement 20	47541			0.01%	Total harmonic distortion for this waverform
	47542			0.01%	Fundamental component for this waveform
				0.01%	2nd harmonic component for this waveform
				0.01%	3rd harmonic component for this waveform
				0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
				0.01%	6th harmonic component for this waveform
	47548	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
				0.01%	8th harmonic component for this waveform
		9th Harmonic 10th Harmonic		0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
				0.01%	11th harmonic component for this waveform
				0.01%	12th harmonic component for this waveform
Element 29			Enum		The meter that this element is associated with
	47561				Total harmonic distortion for this waverform
				0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform
				0.01%	3rd harmonic component for this waveform
			UINT16	0.01%	4th harmonic component for this waveform
				0.01%	5th harmonic component for this waveform
				0.01%	6th harmonic component for this waveform
				0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
				0.01%	9th harmonic component for this waveform
	47571	. 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic		0.01%	11th harmonic component for this waveform
Flement 30			UINT16 Enum	0.01%	12th harmonic component for this waveform
Element 30	47581		EHUH		
		THD	UINT16	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform
	47582	THD Fundamental		0.01% 0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform  Fundamental component for this waveform
	47583	Fundamental 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform
	47583 47584	Fundamental 2nd Harmonic 3rd Harmonic	UINT16 UINT16 UINT16	0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform
	47583 47584 47585	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform
	47583 47584 47585 47586 47587	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform And harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 6th harmonic component for this waveform
	47583 47584 47585 47586 47587 47588	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 7th harmonic component for this waveform
	47583 47584 47585 47586 47587 47588 47589	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 8th Harmonic 8th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 6th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform
	47583 47584 47585 47586 47587 47588 47589 47590	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 8th Harmonic 9th Harmonic 9th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 9th harmonic component for this waveform
	47583 47584 47585 47586 47587 47588 47589 47590	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 8th Harmonic 8th Harmonic 10th Harmonic 10th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 6th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform
	47583 47584 47585 47586 47587 47589 47590 47591 47592 47593	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 8th Harmonic 9th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform
Element 31	47583 47584 47585 47586 47587 47587 47589 47591 47591 47592 47593 47600	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 8th Harmonic 10th Harmonic 11th Harmonic 11th Harmonic 11th Harmonic 14th Harmonic	UINT16 Enum	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic tomponent for this wa
Element 31	47583 47584 47585 47586 47586 47588 47589 47590 47591 47592 47593 47600	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 9th Harmonic 9th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic distortion for this waveform
Element 31	47583 47584 47585 47587 47587 47588 47589 47590 47591 47592 47593 47600 47601	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 8th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 17th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th marmonic component for this waveform 18th harmonic domponent for this waveform 18th harmonic domponent for this waveform 18th harmonic domponent for this waveform 18th harmonic distortion for this waveform
Element 31	47583 47584 47585 47586 47587 47588 47589 47590 47591 47592 47593 47600 47601 47602 47602	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 9th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 14th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic distortion for this waveform
Element 31	47583 47584 47585 47586 47587 47588 47589 47590 47591 47600 47601 47602 47603 47604 47604 47604	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 1th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform The meter that this element is associated with 1otal harmonic distortion for this waveform 2nd harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 4th harmonic component for this waveform
Element 31	47583 47584 47585 47586 47587 47588 47589 47590 47591 47592 47593 47600 47601 47602 47603 47604 47605	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 9th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 3rd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 5th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform 1th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform 12th harmonic component for this waveform
Element 31	47583 47584 47585 47586 47587 47588 47589 47590 47591 47592 47593 47600 47601 47602 47603 47604 47605 47606 47606 47606	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 9th Harmonic 10th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 4mter Meter Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th emeter that this element is associated with 17total harmonic distortion for this waveform 18nd harmonic component for this waveform 2nd harmonic component for this waveform 4th harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 6th harmonic component for this waveform
Element 31	47583 47584 47585 47586 47587 47588 47589 47590 47591 47600 47601 47602 47603 47606 47607 47606 47607 47606	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 9th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 14th Harmonic 15th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform 1th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform 12th harmonic component for this waveform
Element 31	47583 47584 47585 47586 47587 47588 47589 47590 47591 47592 47593 47600 47601 47602 47603 47606 47607 47606 47607 47608	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 5th Harmonic 6th Harmonic 9th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 7th Harmonic 7th Harmonic 5th Harmonic 7th Harmonic 7th Harmonic 7th Harmonic 8th Harmonic 9th Harmonic 9th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 1th harmonic distortion for this waveform 1th harmonic distortion for this waveform 1th harmonic component for this waveform 2rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform
Element 31	47583 47584 47585 47586 47587 47588 47589 47590 47591 47600 47601 47602 47603 47606 47607 47608 47609 47609 47609 47609 47609	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 8th Harmonic 8th Harmonic 9th Harmonic 9th Harmonic 9th Harmonic 10th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 1th harmonic distortion for this waveform 1th harmonic distortion for this waveform 1th harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 9th harmonic component for this waveform
Element 31	47583 47585 47586 47587 47588 47589 47591 47592 47593 47600 47601 47602 47603 47604 47605 47606 47606 47606 47606 47606 47606 47607 47608 47608 47608 47608 47608 47608 47608 47608 47608 47609 47610 47611	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 9th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 4th Harmonic 3rd Harmonic 4th Harmonic 6th Harmonic 7th Harmonic 9th Harmonic 9th Harmonic 9th Harmonic 9th Harmonic 9th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 1th harmonic distortion for this waveform 1rad harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform
	47583 47584 47585 47586 47587 47589 47590 47591 47592 47593 47600 47601 47602 47603 47606 47607 47608 47609 47601 47608 47609 47611 47611 47612 47611	Fundamental 2nd Harmonic 3rd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 7th Harmonic 7th Harmonic 10th Harmonic 11th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 5th Harmonic 5th Harmonic 6th Harmonic 8th Harmonic 8th Harmonic 10th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 1th harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3th harmonic component for this waveform 1th harmonic component for this waveform
Element 31	47583 47584 47585 47586 47587 47589 47590 47591 47592 47593 47600 47601 47602 47603 47606 47607 47608 47609 47601 47608 47609 47611 47611 47612 47611	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 7th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 6th Harmonic 9th Harmonic 9th Harmonic 1th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 1th harmonic distortion for this waveform 1rad harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform
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	47583 47584 47585 47586 47587 47588 47589 47590 47591 47592 47593 47600 47601 47602 47603 47604 47605 47606 47607 47608 47607 47608 47607 47608 47607 47608 47607 47608 47609 47611 47611 47612 47613 47614	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 9th Harmonic 1th Harmonic 1th Harmonic 1th Harmonic 1th Harmonic 1th Harmonic 1th Harmonic 3rd Harmonic 3rd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 6th Harmonic 6th Harmonic 9th Harmonic 1th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic distortion for this waveform 18rd harmonic component for this waveform 18th harmonic component for this waveform
	47583 47584 47585 47586 47587 47589 47599 47591 47592 47593 47600 47601 47602 47603 47604 47605 47606 47607 47608 47609 47611 47612 47612 47612 47612 47612 47612 47612 47612 47612 47612 47613 47614	Fundamental 2nd Harmonic 3rd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 7th Harmonic 7th Harmonic 10th Harmonic 11th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 5th Harmonic 5th Harmonic 5th Harmonic 10th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 17th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform 2nd harmonic component for this waveform 3th harmonic component for this waveform 4th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic domponent for this waveform 1th harmonic distortion for this waveform 1nd harmonic component for this waveform 1nd harmonic formonent for this waveform
	47583 47584 47585 47586 47587 47588 47589 47591 47592 47593 47600 47601 47602 47603 47604 47605 47606 47607 47608 47607 47608 47607 47608 47610 47611 47612 47612 47612 47612 47613 47614	Fundamental 2nd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 5th Harmonic 6th Harmonic 7th Harmonic 10th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 4th Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 6th Harmonic 6th Harmonic 6th Harmonic 1th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic distortion for this waveform 1th harmonic distortion for this waveform 1ndamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform
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	47583 47584 47585 47587 47588 47588 47588 47589 47590 47591 47592 47593 47600 47601 47602 47603 47604 47605 47606 47607 47608 47607 47608 47607 47613 47613 47612 47613 47612 47613 47612 47613 47624 47625 47626 47626 47627 47628	Fundamental 2nd Harmonic 3rd Harmonic 3rd Harmonic 4th Harmonic 5th Harmonic 7th Harmonic 7th Harmonic 10th Harmonic 11th Harmonic 11th Harmonic 12th Harmonic 12th Harmonic 12th Harmonic 3rd Harmonic 3rd Harmonic 3rd Harmonic 5th Harmonic 5th Harmonic 5th Harmonic 1th Harmonic	UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 4th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic distortion for this waveform 1th harmonic distortion for this waveform 1th harmonic distortion for this waveform 1th harmonic component for this waveform 1dh harmonic component for this waveform
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	47632 11th Har 47633 12th Har				11th harmonic component for this waveform 12th harmonic component for this waveform
Element 33	47640 Meter	Enur			The meter that this element is associated with
	47641 THD	UINT			Total harmonic distortion for this waverform
	47642 Fundame				Fundamental component for this waveform
	47643 2nd Harr				2nd harmonic component for this waveform
	47644 3rd Harn 47645 4th Harn				3rd harmonic component for this waveform 4th harmonic component for this waveform
	47646 5th Harn				5th harmonic component for this waveform
	47647 6th Harn				6th harmonic component for this waveform
	47648 7th Harn				7th harmonic component for this waveform
	47649 8th Harn				8th harmonic component for this waveform
	47650 9th Harn 47651 10th Har				9th harmonic component for this waveform 10th harmonic component for this waveform
	47652 11th Har				11th harmonic component for this waveform
	47653 12th Har				12th harmonic component for this waveform
Element 34	47660 Meter	Enur			The meter that this element is associated with
	47661 THD	UINT			Total harmonic distortion for this waverform
	47662 Fundame				Fundamental component for this waveform
	47663 2nd Harr 47664 3rd Harn				2nd harmonic component for this waveform  3rd harmonic component for this waveform
	47665 4th Harn				4th harmonic component for this waveform
	47666 5th Harn	nonic UIN1	T16 0.0	01%	5th harmonic component for this waveform
	47667 6th Harn				6th harmonic component for this waveform
	47668 7th Harn				7th harmonic component for this waveform
	47669 8th Harn 47670 9th Harn				8th harmonic component for this waveform 9th harmonic component for this waveform
	47671 10th Har				10th harmonic component for this waveform
	47672 11th Har				11th harmonic component for this waveform
	47673 12th Har	monic UIN1	T16 0.0		12th harmonic component for this waveform
Element 35	47680 Meter	Enur			The meter that this element is associated with
	47681 THD 47682 Fundame	UINT ental UINT			Total harmonic distortion for this waverform
	47683 2nd Harr				Fundamental component for this waveform 2nd harmonic component for this waveform
	47684 3rd Harn				3rd harmonic component for this waveform
	47685 4th Harn	nonic UIN1			4th harmonic component for this waveform
	47686 5th Harn				5th harmonic component for this waveform
	47687 6th Harn				6th harmonic component for this waveform
	47688 7th Harn 47689 8th Harn				7th harmonic component for this waveform 8th harmonic component for this waveform
	47690 9th Harn				9th harmonic component for this waveform
	47691 10th Har	monic UIN1	T16 0.0	01%	10th harmonic component for this waveform
	47692 11th Har				11th harmonic component for this waveform
FI 26	47693 12th Har				12th harmonic component for this waveform
Element 36	47700 Meter 47701 THD	Enur UIN			The meter that this element is associated with Total harmonic distortion for this waverform
	47702 Fundame				Fundamental component for this waveform
	47703 2nd Harr	nonic UIN1	T16 0.0	01%	2nd harmonic component for this waveform
	47704 3rd Harn				3rd harmonic component for this waveform
	47705 4th Harn				4th harmonic component for this waveform
	47706 5th Harn 47707 6th Harn				5th harmonic component for this waveform 6th harmonic component for this waveform
	47708 7th Harn				7th harmonic component for this waveform
	47709 8th Harn				8th harmonic component for this waveform
	47710 9th Harn				9th harmonic component for this waveform
	47711 10th Har				10th harmonic component for this waveform
	47712 11th Har				11th harmonic component for this waveform 12th harmonic component for this waveform
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Element 37	47713 12th Har 47720 Meter	Enur	m		The meter that this element is associated with
Element 37	47713 12th Har 47720 Meter 47721 THD				The meter that this element is associated with Total harmonic distortion for this waverform
Element 37	47720 Meter 47721 THD 47722 Fundame	Enur VINT ental VINT	T16 0.0	01% - 01% I	Total harmonic distortion for this waverform Fundamental component for this waveform
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	47720 Meter 47721 Thu 47722 Fundamt 47723 2nd Harr 47724 3rd Harr 47725 4th Harr 47725 5th Harr 47726 7th Harr 47729 7th Harr 47729 7th Harr 47730 9th Harr 47731 10th Harr 47731 11th Har 47733 12th Har 47734 11th Weter 47741 ThD	Enur UINT nonic UINT monic UINT monic UINT monic UINT monic UINT monic UINT monic UINT nonic UINT	T16 0.0	01%   101	Total harmonic distortion for this waverform Fundamental component for this waveform And harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th meter that this element is associated with 10tal harmonic distortion for this waveform
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Element 38	47720 Meter 47721 Fundame 47722 Fundame 47722 Jon Harr 47725 Ard Harr 47725 Ard Harr 47725 Ard Harr 47726 Th Harr 47726 Th Harr 47729 Sth Harr 47729 Sth Harr 47729 John Harr 47731 10th Har 47731 10th Har 47731 12th Harr 47731 John Meter 47741 Fundame 47742 Fundame 47743 Joh Harr 47745 Ard Harr 47745 Ard Harr 47747 Sth Harr 47748 Th Harr 47749 Sth Harr	Enur UINT monic UINT nonic UINT monic UINT monic UINT nonic UINT n	T16 0.0	01%   101	Total harmonic distortion for this waverform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic distortion for this waveform 18th harmonic distortion for this waveform 2nd harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3th harmonic component for this waveform 3th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 19th harmonic component for this waveform
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Element 38	47720 Meter 47721 Fundame 47722 Fundame 47723 2nd Harr 47725 4th Harr 47725 4th Harr 47726 7th Harr 47728 7th Harr 47728 7th Harr 47728 1th Harr 47729 1th Harr 47729 1th Harr 47731 10th Harr 47731 10th Harr 47731 12th Harr 47731 12th Harr 47740 Meter 47741 3rd Harr 47743 3rd Harr 47743 3rd Harr 47743 7th Harr 47743 7th Harr 47743 7th Harr 47745 1th Harr 47747 7th Harr 47747 1th Harr 47747 1th Harr 47748 1th Harr 47749 1th Harr 47741 1th Harr 47751 1th Harr 47752 1th Harr 47752 1th Harr 47753 12th Harr 47753 12th Harr 47763 1th Harr 47764 3rd Harr 47765 1th Harr 47766 5th Harr	Enur UINT monic UINT nonic UINT monic UINT monic UINT nonic	T16 0.0	01%   101	Total harmonic distortion for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic domponent for this waveform 12nd harmonic component for this waveform 12nd harmonic component for this waveform 12nd harmonic component for this waveform 13th harmonic distortion for this waveform 13th harmonic component for this waveform 14th harmonic distortion for this waveform 15th harmonic distortion for this waveform 15th harmonic distortion for this waveform 15th harmonic distortion for this waveform
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Element 38	47720 Meter 47721 Fundame 47722 Fundame 47723 2nd Harr 47724 3rd Harr 47725 5th Harr 47725 5th Harr 47726 5th Harr 47729 8th Harr 47730 9th Harr 47731 9th Harr 47731 10th Harr 47731 12th Harr 47731 12th Harr 47731 12th Harr 47741 17HD 47742 Fundame 47743 3rd Harr 47744 3rd Harr 47745 5th Harr 47747 6th Harr 47747 6th Harr 47747 6th Harr 47749 8th Harr 47749 10th Harr 47751 10th Harr 47751 12th Harr 47752 11th Harr 47753 12th Harr 47753 12th Harr 47753 12th Harr 47753 12th Harr 47756 5th Harr 47765 5th Harr 47765 5th Harr 47765 5th Harr 47765 7th Harr 47765 7th Harr 47765 7th Harr 47765 8th Harr	Enum  Dental UINT  Thomas UINT	T16 0.0 T16 0.	01%   101	Total harmonic component for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 11th harmonic component for this waveform 11th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic distortin for this waveform 17th harmonic distortin for this waveform 17th harmonic distortin for this waveform 18th harmonic component for this waveform 19th harmonic component for this waveform 2nd harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 18th harmonic component for this waveform
Element 38	47720 Meter 47721 Fundame 47722 Fundame 47723 2nd Harr 47724 3rd Harr 47725 5th Harn 47725 5th Harn 47726 7th Harr 47726 7th Harr 47729 1th Harr 47730 9th Harr 47731 10th Harr 47731 12th Harr 47731 12th Harr 47731 12th Harr 47743 3rd Harr 47743 7th Harr 47745 3th Harr 47747 5th Harr 47747 1th Harr 47747 6th Harr 47747 1th Harr 47751 10th Harr 47752 1th Harr 47753 12th Harr 47753 12th Harr 47753 12th Harr 47754 3rd Harr 47756 4rd Harr 47756 4rd Harr 47756 4rd Harr 47756 4rd Harr 47756 1dh Harr 47766 7th Harr 47766 5th Harr 47766 5th Harr 47766 5th Harr 47766 5th Harr 47767 6th Harr 47766 5th Harr 47766 5th Harr 47767 8th Harr 47769 8th Harr 47769 8th Harr 47769 8th Harr	Enur UINT monic UINT nonic UINT monic UINT monic UINT monic UINT enur UINT nonic UINT Enur UINT nonic UINT enur UINT nonic UINT monic UINT monic UINT monic UINT nonic UINT noni	T16 0.0 T16 0.	01%   101	Total harmonic distortion for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic omponent for this waveform 12th harmonic domponent for this waveform 12th harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 8th harmonic component for this waveform 15th harmonic component for this waveform 15th harmonic component for this waveform 15th harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic distortion for this waveform 19th harmonic distortion for this waveform 19th harmonic component for this waveform
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Element 38	47720 Meter 47721 Fundame 47722 Fundame 47723 2nd Harr 47725 4th Harn 47725 5th Harn 47726 5th Harn 47727 6th Harn 47729 8th Harn 47730 9th Harn 47731 10th Harl 47731 11th Harl 47731 2nd Harr 47741 THD 47742 Fundame 47743 7th Harn 47745 7th Harn 47748 7th Harn 47749 8th Harn 47749 8th Harn 47749 8th Harn 47749 10th Harn 47749 10th Harn 47749 10th Harn 47749 10th Harn 47751 12th Harl 47760 Meter 47761 THD 47762 Fundame 47763 12th Harl 47766 5th Harn 47766 5th Harn 47766 5th Harn 47766 5th Harn 47766 7th Harn 47767 7th Harn 47776 7th Harn 47776 7th Harn 47776 7th Harn 47771 10th Harn 47771 10th Harn 47771 10th Harn	Enur UINT Inonic U	T16 0.0 T16 0.	01%   101	Total harmonic distortion for this waveform Fundamental component for this waveform And harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 1th harmonic component for this waveform 2nd harmonic component for this waveform 2nd harmonic component for this waveform 3th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 1th harmonic component for this waveform 2nd harmonic domponent for this waveform 2nd harmonic component for this waveform 2nd harmonic component for this waveform 3nd harmonic component for this wav
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Element 38	47720 Meter 47721 Fundamu 47722 Fundamu 47723 2nd Harra 47724 3rd Harra 47725 4th Harra 47725 5th Harra 47726 7th Harra 47727 5th Harra 47729 8th Harra 47730 9th Harra 47731 10th Harra 47731 12th Harra 47731 12th Harra 47731 12th Harra 47740 3rd Harra 47741 3rd Harra 47742 5th Harra 47743 7th Harra 47745 7th Harra 47745 10th Harra 47746 7th Harra 47747 6th Harra 47748 7th Harra 47749 8th Harra 47749 8th Harra 47753 12th Harra 47753 12th Harra 47754 3rd Harra 47756 7th Harra 47766 7th Harra 47767 7th Harra 47767 7th Harra 47767 7th Harra 47767 7th Harra 47768 7th Harra 47767 7th Harra 47768 7th Harra 47767 7th Harra 47768 7th Harra 47767 7th Harra 47768 7th Harra 47768 7th Harra	Enum   Internal   UINT   Int	T16 0.0	01%   101	Total harmonic distortion for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic domponent for this waveform 12th harmonic domponent for this waveform 12th harmonic domponent for this waveform 12nd harmonic component for this waveform 12nd harmonic component for this waveform 12nd harmonic component for this waveform 12th harmonic component for this wavefo
Element 38	47720 Meter 47721 THD 47722 Fundamu 47723 2nd Harr 47725 4th Harr 47725 7th Harr 47726 7th Harr 47726 7th Harr 47727 3th Harr 47728 7th Harr 47729 1th Harr 47731 10th Harr 47731 1th Har 47732 1th Harr 47732 1th Harr 47733 1th Harr 47733 1th Harr 47742 Fundamu 47743 2nd Harr 47743 4th Harr 47743 4th Harr 47745 4th Harr 47746 7th Harr 47747 6th Harr 47747 7th Harr 47747 7th Harr 47748 1th Harr 47751 1th Harr 47752 1th Harr 47753 1th Harr 47753 1th Harr 47756 4th Harr 47756 4th Harr 47757 1th Harr 47757 1th Harr 47758 1th Harr 47758 1th Harr 47768 7th Harr 47768 4th Harr 47768 7th Harr 47769 8th Harr 47771 10th Harr 47772 1th Har 47773 12th Harr 47773 12th Harr 47773 1th Harr 47780 Meter	Enur UINT monic UINT nonic UINT monic UINT nonic UINT n	T16 0.0 T16 0.	01%   101	Total harmonic distortion for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 17th harmonic distortion for this waveform 17th harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic component for this wavef
Element 38	47720 Meter 47721 Fundame 47722 Fundame 47723 2nd Harr 47725 4th Harn 47725 5th Harn 47726 5th Harn 47727 6th Harn 47729 8th Harn 47730 9th Harn 47731 10th Harl 47731 11th Harl 47731 2nd Harr 47741 THD 47742 Fundame 47743 7th Harn 47745 8th Harn 47746 Meter 47741 7th Harn 47749 8th Harn 47749 8th Harn 47749 8th Harn 47749 8th Harn 47740 9th Harn 47741 10th Harl 47753 12th Harl 47756 Meter 47761 THD 47762 5th Harn 47763 8th Harn 47765 8th Harn 47766 Sth Harn 47766 Sth Harn 47766 Sth Harn 47767 8th Harn 47767 8th Harn 47768 1th Harn 47768 8th Harn 47768 7th Harn 47768 7th Harn 47769 7th Harn 47767 1th Harn 47771 1th Harl 47772 1th Harn 47773 1th Harn 47783 1th Harn 47784 1th Harn 47784 1th Harn 47785 1th Harn 47784 1th Harn 47784 1th Harn 47785 1th Harn 47784 1th Harn 47785 1th Harn 47784 1th	Enur UINT nonic	T16 0.0 T16 0.	01%   101	Total harmonic distortion for this waverform Fundamental component for this waveform And harmonic component for this waveform 3rd harmonic distortion for this waveform 3rd harmonic component for this w
Element 38	47720 Meter 47721 THD 47722 Fundamu 47723 2nd Harr 47725 4th Harr 47725 7th Harr 47726 7th Harr 47726 7th Harr 47727 3th Harr 47728 7th Harr 47729 1th Harr 47731 10th Harr 47731 1th Har 47732 1th Harr 47732 1th Harr 47733 1th Harr 47733 1th Harr 47742 Fundamu 47743 2nd Harr 47743 4th Harr 47743 4th Harr 47745 4th Harr 47746 7th Harr 47747 6th Harr 47747 7th Harr 47747 7th Harr 47748 1th Harr 47751 1th Harr 47752 1th Harr 47753 1th Harr 47753 1th Harr 47756 4th Harr 47756 4th Harr 47757 1th Harr 47757 1th Harr 47758 1th Harr 47758 1th Harr 47768 7th Harr 47768 4th Harr 47768 7th Harr 47769 8th Harr 47771 10th Harr 47772 1th Har 47773 12th Harr 47773 12th Harr 47773 1th Harr 47780 Meter	Enur UINT monic UINT nonic UINT monic UINT monic UINT monic UINT monic UINT monic UINT nonic	T16 0.0 T16 0.	01%   101	Total harmonic distortion for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 17th harmonic distortion for this waveform 17th harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic component for this wavef

	47787 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47788 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47789 8th Harmonic 47790 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform  9th harmonic component for this waveform
	47791 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47792 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47793 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 41	47800 Meter 47801 THD	Enum UINT16	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform
	47801 THD 47802 Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47803 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47804 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47805 4th Harmonic 47806 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
	47807 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47808 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47809 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47810 9th Harmonic 47811 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform  10th harmonic component for this waveform
	47811 10th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47813 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 42	47820 Meter	Enum		The meter that this element is associated with
	47821 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47822 Fundamental 47823 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Fundamental component for this waveform  2nd harmonic component for this waveform
	47824 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47825 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47826 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47827 6th Harmonic 47828 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
	47829 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47830 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47831 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47832 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 43	47833 12th Harmonic 47840 Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform  The meter that this element is associated with
	47841 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47842 Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47843 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47844 3rd Harmonic 47845 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
	47846 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47847 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47848 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47849 8th Harmonic 47850 9th Harmonic	UINT16	0.01% 0.01%	8th harmonic component for this waveform
	47850 9th Harmonic	UINT16 UINT16	0.01%	9th harmonic component for this waveform  10th harmonic component for this waveform
	47852 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47853 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Voltage A	47860 Meter	Enum	0.040/	The meter that this element is associated with
	47861 THD 47862 Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform
	47863 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47864 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47865 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47866 5th Harmonic 47867 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47868 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47869 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47870 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47871 10th Harmonic 47872 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
	47872 11th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Voltage B	47880 Meter	Enum		The meter that this element is associated with
	47881 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47882 Fundamental 47883 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Fundamental component for this waveform  2nd harmonic component for this waveform
	47884 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47885 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47886 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47887 6th Harmonic 47888 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
	47889 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47890 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47891 10th Harmonic	UINT16 UINT16	0.01%	10th harmonic component for this waveform
	47892 11th Harmonic 47893 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Voltage C	47900 Meter	Enum		The meter that this element is associated with
	47901 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47902 Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47903 2nd Harmonic 47904 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
	47905 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47906 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47907 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47908 7th Harmonic 47909 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
	47910 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47911 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47912 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 0	47913 12th Harmonic 47000 Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Elemento	47000 Meter 47001 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47002 Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47003 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47004 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47005 4th Harmonic 47006 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
	47007 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47008 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47009 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47010 9th Harmonic 47011 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform  10th harmonic component for this waveform
	47012 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47013 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 1	47020 Meter 47021 THD	Enum	0.019/	The meter that this element is associated with
	47021 (NU	UINT16	0.01%	Total harmonic distortion for this waverform

	47022 Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47023 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47024 3rd Harmonic 47025 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
	47026 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47027 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47028 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47029 8th Harmonic 47030 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform  9th harmonic component for this waveform
	47031 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47032 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47033 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 2	47040 Meter 47041 THD	Enum UINT16	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform
	47041 THD 47042 Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47043 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47044 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47045 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47046 5th Harmonic 47047 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47048 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47049 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47050 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47051 10th Harmonic 47052 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
	47052 11th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 3	47060 Meter	Enum		The meter that this element is associated with
	47061 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47062 Fundamental 47063 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform
	47063 2rid Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47065 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47066 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47067 6th Harmonic 47068 7th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47068 7th Harmonic 47069 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
	47070 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47071 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47072 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Flement 4	47073 12th Harmonic 47080 Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform  The meter that this element is associated with
	47081 THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47082 Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47083 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47084 3rd Harmonic 47085 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
	47086 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47087 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47088 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47089 8th Harmonic 47090 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
	47091 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47092 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47093 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 5	47100 Meter 47101 THD	Enum UINT16	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform
	47102 Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47103 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47104 3rd Harmonic 47105 4th Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47105 4th Harmonic 47106 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
	47107 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47108 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47109 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47110 9th Harmonic 47111 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform  10th harmonic component for this waveform
	47112 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47113 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 6	47120 Meter	Enum	0.040/	The meter that this element is associated with  Total harmonic distortion for this waverform
	47121 THD 47122 Fundamental	UINT16	0.01%	
		UINT16	0.01%	Fundamental component for this waveform
	47123 2nd Harmonic	UINT16 UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform
	47124 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform
	47124 3rd Harmonic 47125 4th Harmonic	UINT16 UINT16 UINT16	0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform
	47124 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform
	47124 3rd Harmonic 47125 4th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47128 7th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform
	47124 3rd Harmonic 47125 4th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47128 7th Harmonic 47129 8th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform
	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47130 9th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 9th harmonic component for this waveform
	47124 3rd Harmonic 47125 4th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47128 7th Harmonic 47129 8th Harmonic	UINT16 UINT16 UINT16 UINT16 UINT16 UINT16 UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform
	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47130 9th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47133 12th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform
Element 7	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 5th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47130 10th Harmonic 47131 10th Harmonic 47132 11th Harmonic 47133 12th Harmonic 47140 Meter	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 17th meter that this element is associated with
Element 7	47124 3rd Harmonic 47125 4th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47130 9th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47132 11th Harmonic 47133 12th Harmonic 47134 1	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic office component for this waveform 12th harmonic office for sacciated with 15tal harmonic distortion for this waveform 15th harmonic office for this waveform
Element 7	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 5th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47130 10th Harmonic 47131 10th Harmonic 47132 11th Harmonic 47133 12th Harmonic 47140 Meter	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 17th meter that this element is associated with
Element 7	47124 3rd Harmonic 47125 sth Harmonic 47126 sth Harmonic 47127 6th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47130 9th Harmonic 47131 10th Harmonic 47131 11th Harmonic 47133 12th Harmonic 47140 Meter 47141 THD 47142 Fundamental	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with 17tal harmonic distortion for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform
Element 7	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 5th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47130 10th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47140 Meter 47141 THD 47142 Fundamental 47143 2nd Harmonic 47144 7144 Fundamental 47144 7144 Fundamental 47145 4th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic domponent for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 4th harmonic component for this waveform
Element 7	47124 3rd Harmonic 47125 th Harmonic 47126 th Harmonic 47127 6th Harmonic 47129 th Harmonic 47129 th Harmonic 47130 th Harmonic 47131 10th Harmonic 47131 11th Harmonic 47132 11th Harmonic 47133 12th Harmonic 47134 THD 47142 Fundamental 47143 7nd Harmonic 47143 3rd Harmonic 47144 3rd Harmonic 47145 th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic distortion for this waveform 12md harmonic distortion for this waveform 12nd harmonic component for this waveform 12nd harmonic component for this waveform 12nd harmonic component for this waveform 13rd harmonic component for this waveform 14th harmonic component for this waveform 15th harmonic component for this waveform
Element 7	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 5th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47130 10th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47140 Meter 47141 THD 47142 Fundamental 47143 2nd Harmonic 47144 7144 Fundamental 47144 7144 Fundamental 47145 4th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic domponent for this waveform The meter that this element is associated with Total harmonic distortion for this waveform 2nd harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 4th harmonic component for this waveform
Element 7	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47129 5th Harmonic 47129 5th Harmonic 47130 9th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47132 11th Harmonic 47133 12th Harmonic 47133 12th Harmonic 47141 THD 47142 Fundamental 47143 7nd Harmonic 47144 3rd Harmonic 47145 5th Harmonic 47146 5th Harmonic 47147 6th Harmonic 47148 7th Harmonic 47149 8th Harmonic	UINT16	0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform The meter that this element is associated with 17tal harmonic distortion for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 18th harmonic component for this waveform
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Element 7	47124 3rd Harmonic 47125 th Harmonic 47126 th Harmonic 47127 6th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47139 8th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47132 11th Harmonic 47132 11th Harmonic 47140 Meter 47141 THD 47142 Fundamental 47143 7nd Harmonic 47144 3rd Harmonic 47146 5th Harmonic 47147 8th Harmonic 47148 7th Harmonic 47148 7th Harmonic 47148 7th Harmonic 47149 8th Harmonic 47149 8th Harmonic 47151 10th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic off this waveform 12th harmonic distortion for this waveform 12nd harmonic distortion for this waveform 12nd harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 10th harmonic component for this waveform
Element 7	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47127 6th Harmonic 47129 8th Harmonic 47139 8th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47131 12th Harmonic 47140 Meter 47141 THD 47142 Fundamental 47143 2nd Harmonic 47144 3rd Harmonic 47145 6th Harmonic 47146 5th Harmonic 47148 7th Harmonic 47148 7th Harmonic 47148 7th Harmonic 47149 8th Harmonic 47149 8th Harmonic 47149 8th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic distortion for this waveform 19th harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform
Element 7	47124 3rd Harmonic 47125 th Harmonic 47126 th Harmonic 47127 6th Harmonic 47129 th Harmonic 47129 th Harmonic 47130 th Harmonic 47130 th Harmonic 47131 10th Harmonic 47132 11th Harmonic 47133 12th Harmonic 47133 12th Harmonic 47141 THD 47142 Fundamental 47143 2nd Harmonic 47144 3rd Harmonic 47145 th Harmonic 47147 6th Harmonic 47148 th Harmonic 47149 th Harmonic 47149 th Harmonic 47151 10th Harmonic 47151 10th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic off this waveform 18th harmonic off this waveform 19th harmonic distortion for this waveform 19th harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3th harmonic component for this waveform 1th harmonic component for this waveform 1th harmonic component for this waveform
	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47127 6th Harmonic 47129 8th Harmonic 47139 8th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47131 12th Harmonic 47140 Meter 47141 THD 47142 Fundamental 47143 2nd Harmonic 47144 3rd Harmonic 47145 4th Harmonic 47146 5th Harmonic 47147 6th Harmonic 47148 7th Harmonic 47149 8th Harmonic 47149 1th Harmonic 47149 1th Harmonic 47141 1th Harmonic 47141 1th Harmonic 47141 1th Harmonic 47141 1th Harmonic 47151 1th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th harmonic component for this waveform 18th harmonic component for this waveform 19th harmonic distortion for this waveform 19th harmonic distortion for this waveform 2nd harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 7th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform
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	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47127 6th Harmonic 47129 8th Harmonic 47139 8th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47131 12th Harmonic 47140 Meter 47141 THD 47142 Fundamental 47143 2nd Harmonic 47144 3rd Harmonic 47145 4th Harmonic 47146 5th Harmonic 47147 6th Harmonic 47148 7th Harmonic 47149 8th Harmonic 47149 1th Harmonic 47149 1th Harmonic 47141 1th Harmonic 47141 1th Harmonic 47141 1th Harmonic 47141 1th Harmonic 47151 1th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform 2nd harmonic distortion for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform
	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 5th Harmonic 47128 7th Harmonic 47129 8th Harmonic 47139 8th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47132 11th Harmonic 47140 Meter 47141 THD 47142 Fundamental 47143 2nd Harmonic 47144 3rd Harmonic 47145 4th Harmonic 47146 5th Harmonic 47147 5th Harmonic 47147 8th Harmonic 47148 7th Harmonic 47149 8th Harmonic 47149 10th Harmonic 47151 10th Harmonic 47151 10th Harmonic 47151 12th Harmonic 47152 11th Harmonic 47151 12th Harmonic 47151 12th Harmonic 47151 12th Harmonic 47151 17th Harmonic 47151 3rd Harmonic 47163 4rd Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform
	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 6th Harmonic 47127 6th Harmonic 47129 8th Harmonic 47139 8th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47131 12th Harmonic 47140 Meter 47141 ThD 47142 Fundamental 47143 7rd Harmonic 47144 7rd 43 7rd Harmonic 47146 5th Harmonic 47146 5th Harmonic 47147 8th Harmonic 47148 7th Harmonic 47149 8th Harmonic 47149 1th Harmonic 47150 1th Harmonic 47151 10th Harmonic 47151 10th Harmonic 47152 1th Harmonic 47153 12th Harmonic 47153 12th Harmonic 47154 1th Harmonic 47155 4th Harmonic 47165 4th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic component for this waveform 17th emetry that this element is associated with 17tal harmonic distortion for this waveform 18 pundamental component for this waveform 19 pundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3th harmonic component for this waveform 4th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this w
	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 5th Harmonic 47129 5th Harmonic 47139 5th Harmonic 47139 5th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47131 12th Harmonic 47140 Meter 47141 THD 47142 Fundamental 47143 2nd Harmonic 47144 3rd Harmonic 47145 5th Harmonic 47146 5th Harmonic 47147 5th Harmonic 47148 7th Harmonic 47149 1th Harmonic 47149 1th Harmonic 47141 1th Harmonic 47141 1th Harmonic 47142 1th Harmonic 47143 1th Harmonic 47143 1th Harmonic 47144 1th Harmonic 47151 10th Harmonic 47152 1th Harmonic 47153 12th Harmonic 47154 3rd Harmonic 47155 4th Harmonic 47155 4th Harmonic 47156 5th Harmonic 47156 5th Harmonic 47156 5th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform 12madamental component for this waveform 2nd harmonic officent for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3th harmonic component for this waveform 5th harmonic component for this waveform 9th harmonic component for this waveform 1th harmonic component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform
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	47124 3rd Harmonic 47125 5th Harmonic 47126 5th Harmonic 47127 5th Harmonic 47129 5th Harmonic 47129 5th Harmonic 47139 5th Harmonic 47131 10th Harmonic 47131 10th Harmonic 47131 11th Harmonic 47131 12th Harmonic 47131 12th Harmonic 47141 17HD 47142 Fundamental 47143 7and Harmonic 47144 3rd Harmonic 47146 5th Harmonic 47147 5th Harmonic 47147 5th Harmonic 47148 7th Harmonic 47149 5th Harmonic 47149 1th Harmonic 47141 1th Harmonic 47141 1th Harmonic 47142 1th Harmonic 47143 12th Harmonic 47151 10th Harmonic 47151 12th Harmonic 47151 12th Harmonic 47151 3th Harmonic 47161 1th Harmonic 47161 1th Harmonic 47161 1th Harmonic 47162 1th Harmonic 47163 1th Harmonic 47166 1th Harmonic 47167 1th Harmonic	UINT16	0.01% 0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 4th harmonic component for this waveform 5th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 8th harmonic component for this waveform 9th harmonic component for this waveform 10th harmonic component for this waveform 11th harmonic component for this waveform 12th harmonic component for this waveform 12th harmonic distortion for this waveform 12th harmonic distortion for this waveform 12nd harmonic distortion for this waveform 2nd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3rd harmonic component for this waveform 3th harmonic component for this waveform 6th harmonic component for this waveform 7th harmonic component for this waveform 1th harmonic component for this waveform

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	47171 10th Harmonic 47172 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform	
	47173 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform	
Element 9	47180 Meter	Enum		The meter that this element is associated with	
	47181 THD	UINT16	0.01%	Total harmonic distortion for this waverform	
	47182 Fundamental	UINT16	0.01%	Fundamental component for this waveform	
	47183 2nd Harmonic 47184 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform	
	47185 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform	
	47186 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform	
	47187 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform	
	47188 7th Harmonic 47189 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform	
	47190 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform	
	47191 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform	
	47192 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform	
Element 10	47193 12th Harmonic 47200 Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform  The meter that this element is associated with	
	47201 THD	UINT16	0.01%	Total harmonic distortion for this waverform	
	47202 Fundamental	UINT16	0.01%	Fundamental component for this waveform	
	47203 2nd Harmonic	UINT16 UINT16	0.01%	2nd harmonic component for this waveform	
	47204 3rd Harmonic 47205 4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform	
	47206 5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform	
	47207 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform	
	47208 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform	
	47209 8th Harmonic 47210 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform	
	47211 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform	
	47212 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform	
	47213 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform	
Element 11	47220 Meter 47221 THD	Enum UINT16	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform	
	47222 Fundamental	UINT16	0.01%	Fundamental component for this waveform	
	47223 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform	
	47224 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform	
	47225 4th Harmonic 47226 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform	
	47227 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform	
	47228 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform	
	47229 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform	
	47230 9th Harmonic 47231 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform  10th harmonic component for this waveform	
	47232 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform	
	47233 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform	
Element 12	47240 Meter	Enum	0.040/	The meter that this element is associated with	
	47241 THD 47242 Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform	
	47243 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform	
	47244 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform	
	47245 4th Harmonic	UINT16	0.01% 0.01%	4th harmonic component for this waveform	
	47246 5th Harmonic 47247 6th Harmonic	UINT16 UINT16	0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform	
	47248 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform	
	47249 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform	
	47250 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform	
	47251 10th Harmonic 47252 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform	
	47253 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform	
Element 13	47260 Meter	Enum		The meter that this element is associated with	
	47261 THD 47262 Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform	
	47263 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform	
	47264 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform	
	47265 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform	
	47266 5th Harmonic 47267 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform	
	47268 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform	
	47269 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform	
	47270 9th Harmonic 47271 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform  10th harmonic component for this waveform	
	47272 10th Harmonic	UINT16	0.01%	11th harmonic component for this waveform	
	47273 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform	
Element 14	47280 Meter	Enum	0.040/	The meter that this element is associated with	
	47281 THD 47282 Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform	
	47283 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform	
	47284 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform	
	47285 4th Harmonic 47286 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform	
	47287 6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform	
	47288 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform	
	47289 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform	
	47290 9th Harmonic 47291 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform  10th harmonic component for this waveform	
	47292 11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform	
	47293 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform	
Element 15	47300 Meter 47301 THD	Enum	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform	
	47302 Fundamental	UINT16 UINT16	0.01%	Fundamental component for this waveform	
	47303 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform	
	47304 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform	
	47305 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform	
	47306 5th Harmonic 47307 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform	
	47308 7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform	
	47309 8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform	
	47310 9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform	
	47311 10th Harmonic 47312 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform	
	47313 12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform	
Element 16	47300 Meter	Enum		The meter that this element is associated with	
	47301 THD 47302 Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform	
	47303 2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform	
	47304 3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform	
	47305 4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform	

1.00%   1.00						
Second 12				UINT16	0.01%	5th harmonic component for this waveform
Marent   1						
1982   29 moneys   2						
Parent   12   12   12   12   12   12   12   1						
1972   11   11   11   11   11   11   11						
Comment   17						
1922   To   1922		47313	12th Harmonic	UINT16	0.01%	
4922   Productional   1871-26   2025   Foundaments composed to this swedom   1871-26   2025   2014 hormoric   1871-26   2025   2014 hormoric composed to this swedom   2014-26   2025   2024 hormoric composed to this swedo	Element 17					
1922   20   Statemonic   1971-5   197						
1873   18   18   18   18   18   18   18   1						
A 172						
1,422   10 harmonic   UNITS   0.005		47325	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
1,473						
1,472, but homesec   UHT154   0.025,						·
1,400   10 mones   1,400   10 mones   1,400   10 mones   10 mone						
1478   10 Amenoria   100716   10055   11 Amenoria composend for his warding warding and the second of his warding and the se						
14.93   12.0 htmsnee		47331	10th Harmonic	UINT16	0.01%	
1989   1989						
17.5   17.0   UNT16	51				0.01%	•
### 247.3 To dis Namonic ### 247.3 To dis Namo	Element 18				0.01%	
24.93   20 instrument						
1986   1985				UINT16		
1.2   1.2		47344	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
24.73						
# 47348 BN Hammoric # 4736 BN Hammoric # 4737 BN Hammoric # 4738 BN Hammoric # 4737 BN Hammoric # 4737 BN Hammoric # 4737 BN Hammoric # 4738 BN Ha						
### 47396 Bit Harmonic						·
# 17550 (in hismane) # 17551 (bit hismane) # 17561 (bit hismane) # 17562 (bit hismane) # 17563 (bit hismane) # 17663 (bit hismane) #						
#1755   11h harmonic component for this wavefrom   1775   1775   17h harmonic component for this wavefrom   1775   17h harmonic component for this wavefrom   17h harmonic component for this wavef		47350	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
1755   1751   harmonic component for this waveform						
Penent 19						· · · · · · · · · · · · · · · · · · ·
4782   Triangle   10	Element 19				U.U176	
4786   74 Harmonic   UNIT16   O.15   2nd harmonic component for this waveform   4786   74 Harmonic   UNIT16   O.15   4th harmonic component for this waveform   4786   74 Harmonic   UNIT16   O.15   4th harmonic component for this waveform   4788   74 Harmonic   UNIT16   O.15   O.15   Ath harmonic component for this waveform   4788   74 Harmonic   UNIT16   O.15   O.15   O.15   O.15   4788   74 Harmonic   UNIT16   O.15   O.15   O.15   O.15   O.15   O.15   4789   74 Harmonic   UNIT16   O.15   O.1	Licineit 25				0.01%	
1,000   1,00		47362	Fundamental	UINT16	0.01%	
47366 sh harmonic UNT16						
\$478.6 5h Harmonic						
1,478.6 7h Namonic						·
### 14780 8th Nammoric UNIT16 0.01% 8th harmonic component for this waveform 47771 10th Harmonic UNIT16 0.01% 30th harmonic component for this waveform 9 14772 11th Harmonic UNIT16 0.01% 10th harmonic component for this waveform 14772 11th Harmonic Component for this waveform 14773 17th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 14773 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 147740 17th UNIT16 0.01% 10th Harmonic Component for this waveform 147740 17th UNIT16 0.01% 10th Harmonic Component for this waveform 147740 17th UNIT16 0.01% 10th Harmonic Component for this waveform 147740 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 147740 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 147740 17th Harmonic UNIT16 0.01% 10th Harmonic Component for this waveform 147740 17th Harmonic UN						
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# 4772 Lith Harmonic UNT 16						
4732   2th Harmonic Component for this waveform						·
Element 20						
# 47382   Find	51				0.01%	
# 47382 Fundamental	Element 20				0.01%	
47386 sht Hammoric   UNT15		47382	Fundamental	UINT16		Fundamental component for this waveform
47385 4th Harmonic						
4788   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   4788   7th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   4789   8th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   4799   9th Harmonic   UINT16   0.01%   9th harmonic component for this waveform   4799   10th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   4799   11th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   4799   11th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   4799   11th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   4790   17th   4700   17th   0.01%   1th harmonic component for this waveform   4700   17th   4700   17th   0.01%   1th harmonic component for this waveform   4700   17th   4700   17th   0.01%   1th harmonic component for this waveform   4700   17th						
### 4788 (6th Harmonic Component for this waveform 4788 (7th Harmonic Component for this waveform 4788 (7th Harmonic Component for this waveform 4789 (7th Harmonic Component for this waveform 4799 (19th Harmonic Component for this waveform 4790 (19th Harmonic Component						
47389 8th Harmonic						
4739   10 h Harmonic   UNIT   16						
1739   10th Harmonic						
1985   11th Harmonic   UNIT16   UNIT1						
Element 21					0.01%	
47401 Th0					0.01%	
A7402 Fundamental	Element 21				0.01%	
47408   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform						
47405   4th harmonic   UINT16   0.01%   4th harmonic component for this waveform   47406   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47408   7th Harmonic   UINT16   0.01%   6th harmonic component for this waveform   47408   7th Harmonic   UINT16   0.01%   8th harmonic component for this waveform   47410   9th Harmonic   UINT16   0.01%   8th harmonic component for this waveform   47411   1th Harmonic   UINT16   0.01%   9th harmonic component for this waveform   47412   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47412   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47412   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47412   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47412   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47422   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47423   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47423   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47423   1th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47425   4th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47426   4th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47427   4th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47428   4th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47430   9th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47430   9th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47430   9th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47430   9th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47440   4th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47440   4th Harmonic   UINT16   0.01%   4th harmonic		47403	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
47406 5th Harmonic						
47407 6th Harmonic UINT16 0.01% 7th harmonic component for this waveform 47408 8th Harmonic UINT16 0.01% 8th harmonic component for this waveform 47410 9th Harmonic UINT16 0.01% 8th harmonic component for this waveform 47411 10th Harmonic UINT16 0.01% 10th harmonic component for this waveform 47412 11th Harmonic UINT16 0.01% 10th marmonic component for this waveform 47412 11th Harmonic UINT16 0.01% 11th harmonic component for this waveform 47412 12th Harmonic UINT16 0.01% 12th harmonic component for this waveform 47412 12th Harmonic UINT16 0.01% 12th harmonic component for this waveform 47412 17th UINT16 0.01% Teath harmonic component for this waveform 47412 17th UINT16 0.01% Teath harmonic displayed for this waveform 47412 4rd Harmonic UINT16 0.01% Fundamental component for this waveform 47412 4rd Harmonic UINT16 0.01% 3rd harmonic component for this waveform 47412 4rd Harmonic UINT16 0.01% 3rd harmonic component for this waveform 47412 4rd Harmonic UINT16 0.01% 3rd harmonic component for this waveform 47412 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47412 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47412 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47412 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47412 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47412 10th Harmonic UINT16 0.01% 7th harmonic component for this waveform 47412 11th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47412 11th Harmonic UINT16 0.01% 10th harmonic for this waveform 47412 11th Harmonic UINT16 0.01% 10th harmonic component for this waveform 47412 11th Harmonic UINT16 0.01% 10th harmonic for this waveform 47412 11th Harmonic UINT16 0.01% 10th harmonic for this waveform 47412 11th Harmonic UINT16 0.01% 10th harmonic for this waveform 47412 11th Harmonic UINT16 0.01% 10th harmonic for this waveform 47412 10th Harmonic UINT16 0.01% 10th harmonic for this waveform 47412 10th Harmonic UINT16 0.01% 10th harmonic fo						
47408   7th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   47409   8th Harmonic   UINT16   0.01%   8th harmonic component for this waveform   47411   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47411   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47412   1th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   47413   12th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   17412   THD   UINT16   0.01%   12th harmonic component for this waveform   17412   THD   UINT16   0.01%   Total harmonic distortion for this waveform   47422   THD   UINT16   0.01%   7th Adminic distortion for this waveform   47422   4rd Harmonic   UINT16   0.01%   7th Adminic distortion for this waveform   47424   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47424   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47425   5th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47426   5th Harmonic   UINT16   0.01%   3th Harmonic component for this waveform   47427   6th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47428   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47429   8th Harmonic   UINT16   0.01%   8th harmonic component for this waveform   47431   10th Harmonic   UINT16   0.01%   9th harmonic component for this waveform   47431   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47431   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   17433   12th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   17442   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   17442   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   17444   14th						
47411   10th Harmonic						
47412						
47412 11th Harmonic						·
47413 12th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   The meter that this element is associated with   47421 THD   UINT16   0.01%   Total harmonic distortion for this waveform   47422 Fundamental   UINT16   0.01%   Fundamental component for this waveform   47423 2nd Harmonic   UINT16   0.01%   2nd harmonic component for this waveform   47424 3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47425 4th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47426 5th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47427 5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47428 3th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47429 3th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   47430 3th Harmonic   UINT16   0.01%   3th harmonic component for this waveform   47431 10th Harmonic   UINT16   0.01%   3th harmonic component for this waveform   47432 1th Harmonic   UINT16   0.01%   3th harmonic component for this waveform   47432 1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47431 12th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   14744 1THD   UINT16   0.01%   12th harmonic distortion for this waveform   14744 1THD   UINT16   0.01%   12th harmonic distortion for this waveform   14744 2nd Harmonic   UINT16   0.01%   2nd harmonic component for this waveform   14744 3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   14744 3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   14744 3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   14744 3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   14744 3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   14744 3th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   14744 3th Harmonic   UINT16   0.01%   3rd harmonic component for t						
47421 THD						
47422 Fundamental	Element 22					
47423 2nd Harmonic						
47424 3rd Harmonic						
47426   5th Harmonic   UINT16   UINT1						
47427 6th Harmonic				UINT16	0.01%	4th harmonic component for this waveform
47428 7th Harmonic						
47429 8th Harmonic						
47431         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47432         21th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47433         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform           Element 23         47440         Meter         Enum         The meter that this element is associated with           47441         THD         UINT16         0.01%         Total harmonic distortion for this waveform           47442         Fundamental         UINT16         0.01%         Fundamental component for this waveform           47443         2nd Harmonic         UINT16         0.01%         2nd harmonic component for this waveform           47444         3rd Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47445         4th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47446         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47449         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47450         9th Harmonic         UINT16 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th></td<>						
47432 11th Harmonic						
14743   12th Harmonic   11716   12th harmonic component for this waveform   12th harmonic component for this						
Element 23						
47442         Fundamental         UINT16         0.01%         Fundamental component for this waveform           47443         2nd Harmonic         UINT16         0.01%         2nd harmonic component for this waveform           47445         4th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47446         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47447         5th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47448         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47449         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47450         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47451         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47452         12th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47453         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform	Element 23	47440	Meter	Enum		The meter that this element is associated with
47443         2nd Harmonic         UINT16         0.01%         2nd harmonic component for this waveform           47444         74 Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47445         5th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47447         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47448         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47449         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47459         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47452         1th Harmonic         UINT16         0.01%         1th harmonic component for this waveform           47453         12th Harmonic         UINT16         0.01%         1th harmonic component for this waveform						
47444         3rd Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47445         4th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47446         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47448         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47449         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47450         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47451         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47452         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47453         12th harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47445         4th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47446         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47447         5th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47448         7th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47450         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47451         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47452         12th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47453         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						The state of the s
47446 5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47447 6th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47448 7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47459 9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47451 10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47452 12th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47453 12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47448         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47449         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47450         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47451         10th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47453         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47449         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47450         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47451         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47452         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47453         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47450         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47451         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47452         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47453         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47452     11th Harmonic     UINT16     0.01%     11th harmonic component for this waveform       47453     12th Harmonic     UINT16     0.01%     12th harmonic component for this waveform		47450	9th Harmonic			
47453 12th Harmonic UINT16 0.01% 12th Harmonic component for this waveform						
	Element 24					

	47461		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 25		Meter	Enum	0.01%	The meter that this element is associated with
	47481		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16 UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform
Element 26		12th Harmonic Meter	Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
	47501		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47506	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 27		Meter	Enum	0.01/0	The meter that this element is associated with
	47521		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic 11th Harmonic	UINT16 UINT16	0.01% 0.01%	10th harmonic component for this waveform 11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 28		Meter	Enum		The meter that this element is associated with
	47541	THD Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform
		2nd Harmonic	UINT16	0.01%	Fundamental component for this waveform 2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic 6th Harmonic	UINT16 UINT16	0.01% 0.01%	5th harmonic component for this waveform 6th harmonic component for this waveform
	47548	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic 10th Harmonic	UINT16 UINT16	0.01% 0.01%	9th harmonic component for this waveform 10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 29	47560 47561	Meter	Enum	0.01%	The meter that this element is associated with  Total harmonic distortion for this waverform
		Fundamental	UINT16 UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic 5th Harmonic	UINT16 UINT16	0.01% 0.01%	4th harmonic component for this waveform 5th harmonic component for this waveform
	47567	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic 9th Harmonic	UINT16 UINT16	0.01% 0.01%	8th harmonic component for this waveform 9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 30		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Element 30	47580		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		4th Harmonic	UINT16 UINT16	0.01% 0.01%	3rd harmonic component for this waveform 4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic 8th Harmonic	UINT16 UINT16	0.01% 0.01%	7th harmonic component for this waveform 8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47591	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 31		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
	47600		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform  3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47606	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic 7th Harmonic	UINT16 UINT16	0.01% 0.01%	6th harmonic component for this waveform 7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform

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		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic 12th Harmonic	UINT16 UINT16	0.01% 0.01%	11th harmonic component for this waveform 12th harmonic component for this waveform
Element 32		Meter	Enum	0.01%	The meter that this element is associated with
Element 32	47621		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47625	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47626	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Flement 33		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Element 33	47640		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47645	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47646	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47647	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47648	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 34		12th Harmonic Meter	UINT16 Fnum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Element 34	47661		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47666	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47667	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 35		12th Harmonic Meter	UINT16 Enum	0.01%	12th harmonic component for this waveform The meter that this element is associated with
Element 35	47681		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47687	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47688	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47689	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47690	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 36	47700 47701	Meter	Enum	0.040/	The meter that this element is associated with
		Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47706	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47707	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47708	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47709	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
FI		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 37	47720 47721	Meter	Enum UINT16	0.01%	The meter that this element is associated with Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47727	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47729	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
FI		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 38	47740 47741	Meter	Enum UINT16	0.010/	The meter that this element is associated with
		Fundamental	UINT16 UINT16	0.01% 0.01%	Total harmonic distortion for this waverform Fundamental component for this waveform
		2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
		3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
		4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
		5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
		6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
		7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
		8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
		9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
		. 10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
		11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
		12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 39		Meter	Enum		The meter that this element is associated with
	47761		UINT16	0.01%	Total harmonic distortion for this waverform
		Fundamental	UINT16	0.01%	Fundamental component for this waveform
		2nd Harmonic 3rd Harmonic	UINT16 UINT16	0.01% 0.01%	2nd harmonic component for this waveform
	47764	sru natmonic	OINTE	0.01%	3rd harmonic component for this waveform

1,776   Sh. Harmonic   1,0071-5   1,0051-5   5,00						
1475   6th Nammonic				UINT16	0.01%	4th harmonic component for this waveform
Part		47766	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
1475   th Namonic		47767	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
14770 Ph Asmanic		47768	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
14772 1019 Harmonic		47769	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
14777   1119 Harmonic   UNT15		47770	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
14773   1271   Harmonic   UNT15		47771	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
14773   1271   Harmonic   UNT15		47772	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
Element 40				UINT16		
47782   100	Element 40					
4.7722   Incidemental   UNIT-16   O.15%   Fundamental component for this waveform   VIII-16   O.15%   2.00 harmonic component for this waveform   VIII-16   O.15%   2.00 harmonic component for this waveform   VIII-16   O.15%   2.00 harmonic component for this waveform   VIII-17   VIII					0.01%	Total harmonic distortion for this waverform
47782   201 harmonic   UNIT16   O.01%   201 harmonic component for this weeders		47782	Fundamental	UINT16	0.01%	Fundamental component for this waveform
1778   10   14 mmonic   10   1775   10   1775   10   1775   177						·
14736   1473		47784	3rd Harmonic	UINT16	0.01%	
47786 Sh Harmonic Component for this waveform   17786 (Ph Harmonic Component for thi						
1778   60 h. harmonic component for this weeders						
1,778   10 h Harmonic   UNT16   0.05%   2h harmonic component for the waveform   1,778   8th Harmonic   UNT16   0.01%   2h harmonic component for the waveform   1,779   10 h Harmonic   UNT16   0.01%   2h harmonic component for the waveform   1,779   1,				UINT16		
4779   8th Harmonic   UNIT 16   O.015   Sth harmonic component for his wardrom 4779   Unit Harmonic   UNIT 16   O.015   Sth harmonic component for this wavefrom 4779   Unit Harmonic   UNIT 16   O.015   Sth harmonic component for this wavefrom 4779   Unit Harmonic   UNIT 16   O.015   Sth harmonic component for this wavefrom 4779   Unit Harmonic   UNIT 16   O.015   Sth harmonic component for this wavefrom 4779   Total harmonic component for the wavefrom 4779   Total harmonic discription for the wavefrom 4779   Total harmonic discription for this wavefrom 4779   Total harmonic discription for this wavefrom 4779   Total harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   UNIT 16   O.015   3d harmonic component for this wavefrom 4779   Sth Harmonic   U						·
17792   10h Harmonic						
1,4792   2019 Harmonic   UNT15   0.01%   2019 harmonic component for this weeders   1119 harmonic component f				UINT16		
47792   131h Harmonic						
1,7793   22th Harmonic Component for this waveform   1,7792   22th Harmonic Component for this waveform   1,7792   27th Harmonic Compone						•
Element 41   47800   Meter						
4790,   ThO	Flement 41				0.0170	
47920   Fundamental   UNIT 16	Liement 41				0.01%	
4785   2nd Harmonic   UNIT 16			=			
47805 Als Harmonic   UNIT 16						
47050 6th Harmonic UNT 16						
47000 Sth Namonic   UNIT 15						·
### 47807 6th Harmonic ### 47808 7th Harmonic ### 47808 8th Harmonic ### 47808 8th Harmonic ### 47808 8th Harmonic ### 47809 8th Harmonic ### 47810 9th Harmonic ### 47810 9th Harmonic ### 47810 9th Harmonic ### 47811 10th Harmonic ### 47812 10th						
47808 7th Harmonic						
### 47809 8th harmonic component for this waveform water for his wav						
47819   9th Harmonic   UNT15   0.01%   30th Harmonic component for this waveform   47812   11th Harmonic   UNT15   0.01%   10th Harmonic component for this waveform   47812   11th Harmonic   UNT15   0.01%   12th Harmonic component for this waveform   47820   Meter   Enum   The meter that this element is associated with   47821   THD   UNT15   0.01%   Total Harmonic component for this waveform   47822   And Harmonic   UNT15   0.01%   700						·
1981   10th Harmonic						
47812   11th Harmonic   UINT16   0.01%   11th harmonic component for this waveform   47820 Meter   Enum   The meter that this element as associated with   47821   11th Harmonic component for this waveform   47822   Fundamental   UINT16   0.01%   Total harmonic distort for this waveform   47822   Fundamental   UINT16   0.01%   Total harmonic distort for this waveform   47824   3rd Harmonic   UINT16   0.01%   2rd harmonic component for this waveform   47826   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47826   5th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47826   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47829   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47829   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47829   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47829   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47831   10th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47831   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47832   11th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47832   11th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   10th						The state of the s
Bement 42						
Element 42   47821   The   1790   UNT15   0.01%   Total harmonic distinct for this waveform   47822   Fundamental   UNT15   0.01%   Total harmonic distinct for this waveform   47824   3rd Harmonic   UNT15   0.01%   2rd harmonic component for this waveform   47824   3rd Harmonic   UNT15   0.01%   3rd harmonic component for this waveform   47826   5th Harmonic   UNT15   0.01%   3rd harmonic component for this waveform   47826   5th Harmonic   UNT15   0.01%   5th harmonic component for this waveform   47822   5th Harmonic   UNT15   0.01%   5th harmonic component for this waveform   47828   7th Harmonic   UNT15   0.01%   5th harmonic component for this waveform   47829   8th Harmonic   UNT15   0.01%   5th harmonic component for this waveform   47829   9th Harmonic   UNT15   0.01%   5th harmonic component for this waveform   47831   10th Harmonic   UNT15   0.01%   5th harmonic component for this waveform   47831   11th Harmonic   UNT15   0.01%   10th harmonic component for this waveform   47831   11th Harmonic   UNT15   0.01%   10th harmonic component for this waveform   47832   11th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47834   11th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47844   11th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47844   11th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47844   11th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47844   11th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47845   4th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47845   4th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47846   5th Harmonic   UNT15   0.01%   12th harmonic component for this waveform   47848   4th Harmonic   UNT16   0.01%   12th harmonic component for this waveform   47848   4th Harmonic   UNT16   0.01%   12th harmonic component for this waveform   47849   4th Harmonic   UNT16   0.01%   12t						•
### 47821 THD	El				0.01%	
47822 Fundamental   UINT16	Element 42					
47222 2nd Harmonic						
47223 3rd Harmonic						
47252						·
47828 5th Harmonic						
47827 6th Harmonic						
47828 7th Harmonic						
47829 8th Harmonic						·
A783 9th Harmonic						
A783   10th Harmonic						
Page 12   11th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   1						
Page						
Element 43						
47841   THD					0.01%	
47842 Fundamental UINT16 0.01% 2nd harmonic component for this waveform 47843 2nd Harmonic UINT16 0.01% 2nd harmonic component for this waveform 47844 3rd Harmonic UINT16 0.01% 3rd harmonic component for this waveform 47845 4th Harmonic UINT16 0.01% 4th harmonic component for this waveform 47846 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47847 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47847 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47849 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47850 9th Harmonic UINT16 0.01% 7th harmonic component for this waveform 47851 10th Harmonic UINT16 0.01% 9th harmonic component for this waveform 47852 10th Harmonic UINT16 0.01% 10th harmonic component for this waveform 47852 11th Harmonic UINT16 0.01% 10th harmonic component for this waveform 47851 10th Harmonic UINT16 0.01% 11th harmonic component for this waveform 47852 11th Harmonic UINT16 0.01% 11th harmonic component for this waveform 47854 11th UINT16 0.01% 11th harmonic component for this waveform 47856 11th UINT16 0.01% 11th harmonic component for this waveform 47856 2nd Harmonic UINT16 0.01% 11th harmonic component for this waveform 47856 3rd Harmonic UINT16 0.01% 11th harmonic component for this waveform 47856 3rd Harmonic UINT16 0.01% 11th harmonic component for this waveform 47856 3th Harmonic UINT16 0.01% 3rd harmonic component for this waveform 47856 3th Harmonic UINT16 0.01% 4th harmonic component for this waveform 47856 3th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47857 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47857 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47857 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47857 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47857 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47858 3th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47858	Element 43					
47843   2nd Harmonic						
47844   3rd Harmonic						
47845 4th Harmonic UINT16 0.01% 4th harmonic component for this waveform 47846 5th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47847 6th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47848 7th Harmonic UINT16 0.01% 7th harmonic component for this waveform 47849 8th Harmonic UINT16 0.01% 8th harmonic component for this waveform 47850 9th Harmonic UINT16 0.01% 8th harmonic component for this waveform 47851 10th Harmonic UINT16 0.01% 10th harmonic component for this waveform 47852 12th Harmonic UINT16 0.01% 10th harmonic component for this waveform 47853 12th Harmonic UINT16 0.01% 11th harmonic component for this waveform 47850 Meter Enum The meter that this element is associated with 47861 THD UINT16 0.01% 12th harmonic component for this waveform 47862 7th Harmonic UINT16 0.01% 10th harmonic component for this waveform 47862 3rd Harmonic UINT16 0.01% Fundamental component for this waveform 47863 4th Harmonic UINT16 0.01% 5th Harmonic component for this waveform 47864 3rd Harmonic UINT16 0.01% 5th Harmonic component for this waveform 47865 8th Harmonic UINT16 0.01% 3rd harmonic component for this waveform 47866 8th Harmonic UINT16 0.01% 4th harmonic component for this waveform 47867 8th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47867 8th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47867 8th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47867 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47871 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47872 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47873 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47873 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47881 1th UINT16 0.01% 5th harmonic component for this waveform 47883 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47883 1th Harmonic UINT16 0.01% 5th harmonic component for this waveform 47888 8th Harmonic UIN						
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A7851   10th Harmonic   UINT16   0.01%   10th harmonic component for this waveform   47852   12th Harmonic   UINT16   0.01%   11th harmonic component for this waveform   47853   12th Harmonic   UINT16   0.01%   12th harmonic component for this waveform   1760						·
Voltage A   47852   11th Harmonic						
Voltage A   47850   Meter						
Voltage A   47860   Meter   Enum						
47861   THO					0.01%	•
47862   Fundamental   UINT16   0.01%   Fundamental component for this waveform   47863   2nd Harmonic   UINT16   0.01%   2nd harmonic component for this waveform   47865   4th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47865   4th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47866   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47868   7th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47868   7th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   47869   7th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   47870   7th Harmonic   UINT16   0.01%   7th harmonic component for this waveform   47871   10th Harmonic   UINT16   0.01%   9th Harmonic component for this waveform   47872   11th Harmonic   UINT16   0.01%   11th harmonic component for this waveform   47873   12th Harmonic   UINT16   0.01%   11th harmonic component for this waveform   47881   17th   UINT16   0.01%   12th harmonic component for this waveform   47881   17th   UINT16   0.01%   17th Harmonic distortion for this waveform   47882   17th   UINT16   0.01%   17th Harmonic distortion for this waveform   47883   2nd Harmonic   UINT16   0.01%   2nd harmonic distortion for this waveform   47884   3rd Harmonic   UINT16   0.01%   2nd harmonic component for this waveform   47886   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47888   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47888   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47888   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47888   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47888   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47889   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47889   3rd Harmonic   UINT16   0.01%   3rd harmonic component for	Voltage A					
47863 2nd Harmonic						
47864   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47865   4th Harmonic   UINT16   0.01%   4th harmonic component for this waveform   47866   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47867   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47867   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47869   8th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47870   9th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47871   1th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47872   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47873   1th Harmonic   UINT16   0.01%   1th harmonic component for this waveform   47881   THD   UINT16   0.01%   1th harmonic component for this waveform   47881   THD   UINT16   0.01%   Total harmonic distortion for this waveform   47882   Fundamental   UINT16   0.01%   Total harmonic cistortion for this waveform   47883   3rd Harmonic   UINT16   0.01%   2nd harmonic component for this waveform   47883   3rd Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47886   5th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47886   5th Harmonic   UINT16   0.01%   3rd harmonic component for this waveform   47888   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47888   5th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47889   8th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47889   8th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47889   1th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47889   1th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47891   10th Harmonic   UINT16   0.01%   5th harmonic component for this waveform   47891   10th Harmonic   UINT16   0.01%   10th harmonic component						
47865						
47866         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47867         6th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47868         7th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47869         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47871         10th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47872         12th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47873         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform           Voltage B         47880         Meter         Enum         The meter that this element is associated with           47881         7th         UINT16         0.01%         Total harmonic distortion for this waveform           47882         7th Aarmonic         UINT16         0.01%         Total harmonic distortion for this waveform           47883         3rd Harmonic         UINT16         0.01%         Total harmonic distortion for this waveform           47883         3rd Harmonic         UINT16						
47867 6th Harmonic						
47868   7th Harmonic						
47869 8th Harmonic						·
47870						
47871   10th Harmonic						
11th Harmonic   11th Harmonic   11th Harmonic   11th Harmonic component for this waveform   12th Harmonic   11th Harmonic component for this waveform   12th Harmonic   12th Harmonic component for this waveform   12th Harmonic   12th						
147873   12th Harmonic   12th Harmonic   12th Harmonic component for this waveform   12th Harmonic component for this waveform   12th Harmonic component for this waveform   12th Harmonic						
Voltage B						
47881 THD					0.01%	
47882         Fundamental         UINT16         0.01%         Fundamental component for this waveform           47883         2nd Harmonic         UINT16         0.01%         2nd harmonic component for this waveform           47885         3rd Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47886         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47887         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47889         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47889         9th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47891         11th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47892         11th Harmonic         UINT16         0.01%         12th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform	Voltage B					
47883         2nd Harmonic         UINT16         0.01%         2nd harmonic component for this waveform           47885         4th Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47885         4th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47886         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47888         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47889         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47891         11th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47892         12th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47884         3rd Harmonic         UINT16         0.01%         3rd harmonic component for this waveform           47885         4th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47886         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47888         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47889         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47890         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47892         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47885         4th Harmonic         UINT16         0.01%         4th harmonic component for this waveform           47886         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47887         5th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47889         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47890         9th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47891         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47886         5th Harmonic         UINT16         0.01%         5th harmonic component for this waveform           47887         6th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47888         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47899         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47887         6th Harmonic         UINT16         0.01%         6th harmonic component for this waveform           47888         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47898         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47892         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						
47888         7th Harmonic         UINT16         0.01%         7th harmonic component for this waveform           47899         9th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47890         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47892         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform		47886	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
47889         8th Harmonic         UINT16         0.01%         8th harmonic component for this waveform           47890         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47892         1th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform		47887	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
47890         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47892         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform				UINT16	0.01%	
47890         9th Harmonic         UINT16         0.01%         9th harmonic component for this waveform           47891         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47892         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform				UINT16	0.01%	8th harmonic component for this waveform
47891         10th Harmonic         UINT16         0.01%         10th harmonic component for this waveform           47892         11th Harmonic         UINT16         0.01%         11th harmonic component for this waveform           47893         12th Harmonic         UINT16         0.01%         12th harmonic component for this waveform						9th harmonic component for this waveform
47892 11th Harmonic UINT16 0.01% 11th harmonic component for this waveform 47893 12th Harmonic UINT16 0.01% 12th harmonic component for this waveform		47891	10th Harmonic	UINT16		
47893 12th Harmonic UINT16 0.01% 12th harmonic component for this waveform					0.01%	
	Voltage C					

49000 Meter 1 Summary register (Main meter)