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

Configuration Parameters

Modbus Address	Name	Format	Access	Default	Description/Format
41000	PTRatio	UINT16	R/W	1	The PT ratio that will be used in calculations. It does not affect meter operation.
41001					Changes to the Modbus address take effect immediately. The next command must use the changed
41002	Address	UINT16	R/W	1	address, otherwise the module will not respond
41003	Baud Rate	Enumated	R/W	3 = 9600 bps	3 = 9600 bps 4 = 19200 bps 5 = 38400 bps 6 = 57600 bps 7 = 115200 bps
41004	CT Ratio - Meter 1	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41005	CT Ratio - Meter 2	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41006	CT Ratio - Meter 3	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41007	CT Ratio - Meter 4	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41008	CT Ratio - Meter 5	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41009	CT Ratio - Meter 6	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41010	CT Ratio - Meter 7	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41011	CT Ratio - Meter 8	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41012	CT Ratio - Meter 9	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41013	CT Ratio - Meter 10	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41014	CT Ratio - Meter 11	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41015	CT Ratio - Meter 12	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41016	CT Ratio - Meter 13	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41017	CT Ratio - Meter 14	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41018	CT Ratio - Meter 15	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41019	CT Ratio - Meter 16	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41020	Demand Intervals	Enumerated	R/W	2	0 = 1 minute 1 = 5 minutes 2 = 15 minutes 3 = 30 minutes 4 = 60 minutes 5 = Disabled
41050	CT Ratio - Meter 1	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41051	CT Ratio - Meter 2	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41052	CT Ratio - Meter 3	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41053	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.
41056	CT Ratio - Meter 7	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41057	CT Ratio - Meter 8	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41058	CT Ratio - Meter 9	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41059	CT Ratio - Meter 10	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41060	CT Ratio - Meter 11	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41061	CT Ratio - Meter 12	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41062	CT Ratio - Meter 13	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41063	CT Ratio - Meter 14	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41064	CT Ratio - Meter 15	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41065	CT Ratio - Meter 16	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41066	CT Ratio - Meter 17	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41067	CT Ratio - Meter 18	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41068	CT Ratio - Meter 19	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41069	CT Ratio - Meter 20	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41070	CT Ratio - Meter 21	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41071	CT Ratio - Meter 22	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41072	CT Ratio - Meter 23	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41073	CT Ratio - Meter 24	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41074	CT Ratio - Meter 25	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41075	CT Ratio - Meter 26	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41076	CT Ratio - Meter 27	UINT16	R/W	2000	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.
41078	CT Ratio - Meter 29	UINT16	R/W	2000	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	2000	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	CT Ratio - Meter 34	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	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41085	CT Ratio - Meter 36	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41086	CT Ratio - Meter 37	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41087	CT Ratio - Meter 38	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41088	CT Ratio - Meter 39	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41089	CT Ratio - Meter 40	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41090	CT Ratio - Meter 41	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41091	CT Ratio - Meter 42	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
41092	CT Ratio - Meter 43	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.

Meter 1 Information

Modbus Address	Name	Format	Unit	Default	Description/Format
41100	Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
41101	Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
41103	Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
41105	Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
41107	Current A	UINT32	mA		The value will be the reported current * CTRatio/5
41109	Current B	UINT32	mA		The value will be the reported current * CTRatio/5
41111	Current C	UINT32	mA		The value will be the reported current * CTRatio/5
41113	Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41115	Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41117	Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41119	Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
41121	Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
41123	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

Modbus Address	Name	Format	Unit	Default	Description/Format
41200	Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
41201	Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
41203	Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
41205	Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
41207	Current A	UINT32	mA		The value will be the reported current * CTRatio/5
41209	Current B	UINT32	mA		The value will be the reported current * CTRatio/5
41211	Current C	UINT32	mA		The value will be the reported current * CTRatio/5
41213	Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41215	Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41217	Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41219	Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
41221	Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
41223	Volt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
41225					
41227					
41229					
41231	Power Factor A	INT32	0.001 Units		
41233	Power Factor B	INT32	0.001 Units		
41235	Power Factor C	INT32	0.001 Units		
41237					
41239					
41241					
41243	kWh	UINT32	WH		
41245	kVAh	UINT32	VA		
41247					
41249	Frequency	UINT32	0.01 Hz		
41251					
41253					
41255	Voltage Average	UINT32	mV		Average of the voltage from each phase
41257	Meter Total Current	UINT32	mA		Average of the current from each phase
41259					
41261	Meter Total Watts	UINT32	0.01 W		
41263	Meter Total VA	UINT32	0.01 VA		
41265					

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
43	45300

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

Modbus Address	Name	Format	Unit	Default	Description/Format
41x00	Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
41x01	Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
41x03	Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
41x05	Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
41x07	Current A	UINT32	mA		The value will be the reported current * CTRatio/5
41x09	Current B	UINT32	mA		The value will be the reported current * CTRatio/5
41x11	Current C	UINT32	mA		The value will be the reported current * CTRatio/5
41x13	Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41x15	Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41x17	Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
41x19	Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
41x21	Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
41x23	Volt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
41x25					
41x27					
41x29					
41x31	Power Factor A	INT32	0.001 Units		
41x33	Power Factor B	INT32	0.001 Units		
41x35	Power Factor C	INT32	0.001 Units		
41x37					
41x39					
41x41					
41x43	kWh	UINT32	Wh		
41x45	kVAh	UINT32	VAh		
41x47					
41x49	Frequency	UINT32	0.01 Hz		
41x51		INT32	W		
41x53		INT32	W		
41x55	Voltage Average	UINT32	mV		Average of the voltage from each phase
41x57	Meter Total Current	UINT32	mA		Average of the current from each phase
41x59					
41x61	Meter Total Watts	UINT32	0.01 W		
41x63	Meter Total VA	UINT32	0.01 VA		
41x65		INT32	W		Sets the kW threshold that sets the demand flag.

Mini Register Map

	Modbus Address	Name	Format	Unit	Default	Description/Format
Meter 1	48000	kWh	UINT32	Wh		
	48002					
	48004					
	48006	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48008	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 2	48010	kWh	UINT32	Wh		
	48012					
	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					
	48026	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48028	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 4	48030	kWh	UINT32	Wh		
	48032					
	48034					
	48036	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48038	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 5	48040	kWh	UINT32	Wh		
	48042					
	48044					
	48046	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48048	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 6	48050	kWh	UINT32	Wh		
	48052					
	48054					
	48056	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48058	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 7	48060	kWh	UINT32	Wh		
	48062					
	48064					
	48066	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48068	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 8	48070	kWh	UINT32	Wh		
	48072					
	48074					
	48076	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48078	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 9	48080	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 current from each phase
Meter 10	48090	kWh	UINT32	Wh	
	48092				
	48094				
	48096	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48098	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 11	48100	kWh	UINT32	Wh	
	48102				
	48104				
	48106	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48108	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 12	48110	kWh	UINT32	Wh	
	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	kWh	UINT32	Wh	
	48122				
	48124				
	48126	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	kWh	UINT32	Wh	
	48132				
	48134				
	48136	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48138	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 15	48140	kWh	UINT32	Wh	
	48142				
	48144				
	48146	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48148	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 16	48150	kWh	UINT32	Wh	
	48152				
	48154				
	48156	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48158	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 17	48160	kWh	UINT32	Wh	
	48162				
	48164				
	48166	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48168	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 18	48170	kWh	UINT32	Wh	
	48172				
	48174				
	48176	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48178	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 19	48180	kWh	UINT32	Wh	
	48182				
	48184				
	48186	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48188	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 20	48190	kWh	UINT32	Wh	
	48192				
	48194				
	48196	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48198	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 21	48200	kWh	UINT32	Wh	
	48202				
	48204				
	48206	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48208	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 22	48210	kWh	UINT32	Wh	
	48212				
	48214				
	48216	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48218	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 23	48220	kWh	UINT32	Wh	
	48222				
	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	kWh	UINT32	Wh	
	48232				
	48234				
	48236	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48238	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 25	48240	kWh	UINT32	Wh	
	48242				
	48244				
	48246	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48248	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 26	48250	kWh	UINT32	Wh	
	48252				
	48254				
	48256	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48258	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 27	48260	kWh	UINT32	Wh	
	48262				
	48264				
	48266	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48268	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 28	48270	kWh	UINT32	Wh	
	48272				
	48274				
	48276	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48278	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 29	48280	kWh	UINT32	Wh	
	48282				
	48284				
	48286	Voltage Average	UINT32	mV	Average of the voltage from each phase
	48288	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 30	48290	kWh	UINT32	Wh	
	48292				
	48294				
	48296	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
Meter 32	48310	kWh	UINT32	Wh		
	48312					
	48314					
	48316	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48318	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 33	48320	kWh	UINT32	Wh		
	48322					
	48324					
	48326	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48328	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 34	48330	kWh	UINT32	Wh		
	48332					
	48334					
	48336	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48338	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 35	48340	kWh	UINT32	Wh		
	48342					
	48344					
	48346	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48348	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 36	48350	kWh	UINT32	Wh		
	48352					
	48354					
	48356	Voltage Average	UINT32	mV		Average of the voltage from each phase
	48358	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 37	48360	kWh	UINT32	Wh		
	48362					
	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
Meter 38	48370	kWh	UINT32	Wh		
	48372					
	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
Meter 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
Meter 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
Meter 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
Meter 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
Meter 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

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	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47003	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47004	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47005	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47006	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47007	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47008	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47009	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47010	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47011	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47012	12th Harmonic	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	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47023	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

	47049	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47050	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47051	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47052	12th 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	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47063	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47064	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47065	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47066	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47067	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47068	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47069	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47070	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47071	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47072	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 4	47080	Meter	Enum		The meter that this element is associated with
	47081	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47082	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47083	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47084	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47085	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47086	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47087	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47088	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47089	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47090	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47091	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47092	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 5	47100	Meter	Enum		The meter that this element is associated with
	47101	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47102	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47103	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47104	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47105	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47106	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47107	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47108	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47109	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47110	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47111	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47112	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 6	47120	Meter	Enum		The meter that this element is associated with
	47121	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47122	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47123	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47124	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47125	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47126	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47127	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47128	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47129	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47130	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47131	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47132	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 7	47140	Meter	Enum		The meter that this element is associated with
	47141	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47142	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47143	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47144	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47145	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47146	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47147	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47148	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47149	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47150	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47151	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47152	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 8	47160	Meter	Enum		The meter that this element is associated with
	47161	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47162	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47163	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47164	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47165	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47166	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47167	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47168	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47169	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47170	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47171	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47172	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	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47183	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47184	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47185	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47186	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47187	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47188	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47189	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47190	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47191	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47192	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 10	47200	Meter	Enum		The meter that this element is associated with
	47201	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47202	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47203	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47204	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47205	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47206	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47207	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47208	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47209	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47210	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47211	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform

	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 waveform
	47222	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47223	3rd Harmonic	UINT16	0.01%	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	UINT16	0.01%	6th harmonic component for this waveform
	47227	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47228	8th 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	UINT16	0.01%	11th harmonic component for this waveform
	47232	12th Harmonic	UINT16	0.01%	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 waveform
	47242	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47243	3rd Harmonic	UINT16	0.01%	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	UINT16	0.01%	6th harmonic component for this waveform
	47247	7th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47251	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	Total harmonic distortion for this waveform
	47262	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47263	3rd Harmonic	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	UINT16	0.01%	6th harmonic component for this waveform
	47267	7th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47271	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47272	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 14	47280	Meter	Enum		The meter that this element is associated with
	47281	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47282	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	5th harmonic component for this waveform
	47286	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47290	10th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47301	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	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	UINT16	0.01%	4th harmonic component for this waveform
	47305	5th Harmonic	UINT16	0.01%	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	UINT16	0.01%	8th harmonic component for this waveform
	47309	9th Harmonic	UINT16	0.01%	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
	47312	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 16	47320	Meter	Enum		The meter that this element is associated with
	47321	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47322	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47323	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47324	4th Harmonic	UINT16	0.01%	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	UINT16	0.01%	7th harmonic component for this waveform
	47328	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47329	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47330	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47331	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47332	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 17	47340	Meter	Enum		The meter that this element is associated with
	47341	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47342	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47343	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47344	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47345	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47346	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47347	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47348	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47349	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47350	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47351	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47352	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 18	47360	Meter	Enum		The meter that this element is associated with
	47361	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47362	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47363	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47364	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47365	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47366	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47367	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47368	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47369	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47370	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47371	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47372	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 19	47380	Meter	Enum		The meter that this element is associated with
	47381	THD	UINT16	0.01%	Total harmonic distortion for this waveform

	47382	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47383	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47384	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47385	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47386	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47387	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47388	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47389	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47390	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47391	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47392	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 20	47400	Meter	Enum		The meter that this element is associated with
	47401	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47402	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47403	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47404	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47405	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47406	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47407	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47408	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47409	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47410	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47411	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47412	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 21	47420	Meter	Enum		The meter that this element is associated with
	47421	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47422	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47423	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47424	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47425	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47426	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47427	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47428	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47429	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47430	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47431	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47432	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 22	47440	Meter	Enum		The meter that this element is associated with
	47441	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47442	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47443	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47444	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47445	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47446	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47447	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47448	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47449	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47450	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47451	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47452	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 23	47460	Meter	Enum		The meter that this element is associated with
	47461	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47462	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47463	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47464	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47465	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47466	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47467	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47468	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47469	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47470	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47471	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47472	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 24	47480	Meter	Enum		The meter that this element is associated with
	47481	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47482	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47483	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47484	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47485	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47486	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47487	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47488	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47489	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47490	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47491	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47492	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 25	47500	Meter	Enum		The meter that this element is associated with
	47501	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47502	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47503	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47504	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47505	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47506	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47507	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47508	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47509	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47510	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47511	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47512	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	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47522	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47523	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47524	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47525	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47526	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47527	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47528	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47529	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47530	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47531	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47532	12th Harmonic	UINT16	0.01%	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
	47542	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47543	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47544	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform

	47545	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47546	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47547	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47548	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47549	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47550	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47551	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47552	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 28	47560	Meter	Enum		The meter that this element is associated with
	47561	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47562	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47563	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47564	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47565	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47566	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47567	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47568	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47569	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47570	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47571	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47572	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 29	47580	Meter	Enum		The meter that this element is associated with
	47581	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47582	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47583	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47584	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47585	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47586	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47587	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47588	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47589	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47590	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47591	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47592	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 30	47600	Meter	Enum		The meter that this element is associated with
	47601	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47602	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47603	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47604	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47605	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47606	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47607	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47608	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47609	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47610	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47611	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47612	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 31	47620	Meter	Enum		The meter that this element is associated with
	47621	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47622	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47623	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47624	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47625	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47626	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47627	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47628	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47629	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47630	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47631	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47632	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 32	47640	Meter	Enum		The meter that this element is associated with
	47641	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47642	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47643	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47644	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47645	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47646	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47647	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47648	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47649	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47650	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47651	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47652	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 33	47660	Meter	Enum		The meter that this element is associated with
	47661	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47662	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47663	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47664	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47665	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47666	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47667	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47668	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47669	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47670	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47671	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47672	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 34	47680	Meter	Enum		The meter that this element is associated with
	47681	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47682	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47683	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47684	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47685	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47686	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47687	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47688	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47689	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47690	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47691	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47692	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 35	47700	Meter	Enum		The meter that this element is associated with
	47701	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47702	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47703	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47704	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47705	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47706	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47707	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform

	47708	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47709	9th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47721	THD	UINT16	0.01%	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	UINT16	0.01%	4th harmonic component for this waveform
	47725	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47726	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47730	10th Harmonic	UINT16	0.01%	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	UINT16	0.01%	Total harmonic distortion for this waverform
	47742	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	5th harmonic component for this waveform
	47746	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47751	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	2nd harmonic component for this waveform
	47763	3rd Harmonic	UINT16	0.01%	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	UINT16	0.01%	6th harmonic component for this waveform
	47767	7th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47771	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	Total harmonic distortion for this waverform
	47782	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47783	3rd 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	UINT16	0.01%	6th harmonic component for this waveform
	47787	7th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47791	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	Total harmonic distortion for this waverform
	47802	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	5th harmonic component for this waveform
	47806	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47810	10th Harmonic	UINT16	0.01%	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		The meter that this element is associated with
	47821	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47822	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	5th harmonic component for this waveform
	47826	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47830	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47831	11th 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	Enum		The meter that this element is associated with
	47841	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47842	2nd Harmonic	UINT16	0.01%	2nd harmonic component 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	UINT16	0.01%	5th harmonic component for this waveform
	47846	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47850	10th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47861	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47862	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	5th harmonic component for this waveform
	47866	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47867	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47868	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47869	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47870	10th 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
	47892	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Voltage A	47900	Meter	Bit Field		The corresponding meter bit is set for each meter that is associated with this voltage
	47901	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47902	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47903	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47904	4th 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%	6th harmonic component for this waveform
	47947	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47948	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47949	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47950	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47951	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47952	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform

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

Configuration Parameters

	Modbus Address	Name	Format	Access	Default	Description/Format
48000-7000	48000	PTRatio	UINT16	R/W	1	The PT ratio that will be used in calculations. It does not affect meter operation.
	48001					Changes to the Modbus address take effect immediately. The next command must use the changed
	48002	Address	UINT16	R/W	1	address, otherwise the module will not respond
	48003	Baud Rate	Enumated	R/W	3 = 9600 bps	3 = 9600 bps 4 = 19200 bps 5 = 38400 bps 6 = 57600 bps 7 = 115200 bps
	48004	CT Ratio - Meter 1	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48005	CT Ratio - Meter 2	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48006	CT Ratio - Meter 3	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48007	CT Ratio - Meter 4	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48008	CT Ratio - Meter 5	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48009	CT Ratio - Meter 6	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48010	CT Ratio - Meter 7	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48011	CT Ratio - Meter 8	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48012	CT Ratio - Meter 9	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48013	CT Ratio - Meter 10	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48014	CT Ratio - Meter 11	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48015	CT Ratio - Meter 12	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48016	CT Ratio - Meter 13	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48017	CT Ratio - Meter 14	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48018	CT Ratio - Meter 15	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48019	CT Ratio - Meter 16	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48020	Demand Intervals	Enumerated	R/W	2	0 = 1 minute 1 = 5 minutes 2 = 15 minutes 3 = 30 minutes 4 = 60 minutes 5 = Disabled
	48050	CT Ratio - Meter 1	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48051	CT Ratio - Meter 2	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48052	CT Ratio - Meter 3	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48053	CT Ratio - Meter 4	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48054	CT Ratio - Meter 5	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48055	CT Ratio - Meter 6	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48056	CT Ratio - Meter 7	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48057	CT Ratio - Meter 8	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48058	CT Ratio - Meter 9	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48059	CT Ratio - Meter 10	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48060	CT Ratio - Meter 11	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48061	CT Ratio - Meter 12	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48062	CT Ratio - Meter 13	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48063	CT Ratio - Meter 14	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48064	CT Ratio - Meter 15	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48065	CT Ratio - Meter 16	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48066	CT Ratio - Meter 17	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48067	CT Ratio - Meter 18	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48068	CT Ratio - Meter 19	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48069	CT Ratio - Meter 20	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48070	CT Ratio - Meter 21	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48071	CT Ratio - Meter 22	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48072	CT Ratio - Meter 23	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48073	CT Ratio - Meter 24	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48074	CT Ratio - Meter 25	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48075	CT Ratio - Meter 26	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48076	CT Ratio - Meter 27	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48077	CT Ratio - Meter 28	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48078	CT Ratio - Meter 29	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48079	CT Ratio - Meter 30	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48080	CT Ratio - Meter 31	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48081	CT Ratio - Meter 32	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48082	CT Ratio - Meter 33	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48083	CT Ratio - Meter 34	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48084	CT Ratio - Meter 35	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48085	CT Ratio - Meter 36	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48086	CT Ratio - Meter 37	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48087	CT Ratio - Meter 38	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48088	CT Ratio - Meter 39	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48089	CT Ratio - Meter 40	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48090	CT Ratio - Meter 41	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48091	CT Ratio - Meter 42	UINT16	R/W	2000	The CT ratio that will be used in calculations. Minimum value of 1000.
	48092	CT Ratio - Meter 43	UINT16	R/W	2000	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	48100	Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
	48101	Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
	48103	Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
	48105	Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
	48107	Current A	UINT32	mA		The value will be the reported current * CTRatio/5
	48109	Current B	UINT32	mA		The value will be the reported current * CTRatio/5
	48111	Current C	UINT32	mA		The value will be the reported current * CTRatio/5
	48113	Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	48115	Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	48117	Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
	48119	Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
	48121	Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
	48123	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

Modbus Address	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

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
48x00	Acitve Phases	Bit map	x1		0x0001 - Meter uses phase A 0x0002 - Meter uses phase B 0x0004 - Meter uses phase C
48x01	Voltage A	UINT32	mV		The value will be the reported voltage * PT Ratio
48x03	Voltage B	UINT32	mV		The value will be the reported voltage * PT Ratio
48x05	Voltage C	UINT32	mV		The value will be the reported voltage * PT Ratio
48x07	Current A	UINT32	mA		The value will be the reported current * CTRatio/5
48x09	Current B	UINT32	mA		The value will be the reported current * CTRatio/5
48x11	Current C	UINT32	mA		The value will be the reported current * CTRatio/5
48x13	Watts A	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
48x15	Watts B	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
48x17	Watts C	INT32	0.01 W		The value will be the reported power * PT Ratio * CT Ratio / 5
48x19	Volt-Amp A	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
48x21	Volt-Amp B	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
48x23	Volt-Amp C	INT32	0.01 VA		The value will be the reported power * PT Ratio * CT Ratio / 5
48x25					
48x27					
48x29					
48x31	Power Factor A	INT32	0.001 Units		
48x33	Power Factor B	INT32	0.001 Units		
48x35	Power Factor C	INT32	0.001 Units		
48x37					
48x39					
48x41					
48x43	kWh	UINT32	Wh		
48x45	kVAh	UINT32	VAh		
48x47					
48x49	Frequency	UINT32	0.01 Hz		
48x51	Watt Demand Average	INT32	W		
48x53	Watt Demand Peak	INT32	W		
48x55	Voltage Average	UINT32	mV		Average of the voltage from each phase
48x57	Meter Total Current	UINT32	mA		Average of the current from each phase
48x59					
48x61	Meter Total Watts	UINT32	0.01 W		
48x63	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 Map

	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
	53028	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 4	53030	kWh	UINT32	Wh		
	53032	Demand Average	UINT32	W		
	53034	Demand Peak	UINT32	W		
	53036	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53038	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 5	53040	kWh	UINT32	Wh		
	53042	Demand Average	UINT32	W		
	53044	Demand Peak	UINT32	W		
	53046	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53048	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 6	53050	kWh	UINT32	Wh		
	53052	Demand Average	UINT32	W		
	53054	Demand Peak	UINT32	W		
	53056	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53058	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 7	53060	kWh	UINT32	Wh		
	53062	Demand Average	UINT32	W		
	53064	Demand Peak	UINT32	W		
	53066	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53068	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 8	53070	kWh	UINT32	Wh		
	53072	Demand Average	UINT32	W		
	53074	Demand Peak	UINT32	W		
	53076	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	
	53086	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	
	53092	Demand Average	UINT32	W	
	53094	Demand Peak	UINT32	W	
	53096	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53098	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 11	53100	kWh	UINT32	Wh	
	53102	Demand Average	UINT32	W	
	53104	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	
	53112	Demand Average	UINT32	W	
	53114	Demand Peak	UINT32	W	
	53116	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53118	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 13	53120	kWh	UINT32	Wh	
	53122	Demand Average	UINT32	W	
	53124	Demand Peak	UINT32	W	
	53126	Voltage Average	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	
	53132	Demand Average	UINT32	W	
	53134	Demand Peak	UINT32	W	
	53136	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	
	53142	Demand Average	UINT32	W	
	53144	Demand Peak	UINT32	W	
	53146	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53148	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 16	53150	kWh	UINT32	Wh	
	53152	Demand Average	UINT32	W	
	53154	Demand Peak	UINT32	W	
	53156	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53158	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 17	53160	kWh	UINT32	Wh	
	53162	Demand Average	UINT32	W	
	53164	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	
	53174	Demand Peak	UINT32	W	
	53176	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53178	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 19	53180	kWh	UINT32	Wh	
	53182	Demand Average	UINT32	W	
	53184	Demand Peak	UINT32	W	
	53186	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53188	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 20	53190	kWh	UINT32	Wh	
	53192	Demand Average	UINT32	W	
	53194	Demand Peak	UINT32	W	
	53196	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53198	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 21	53200	kWh	UINT32	Wh	
	53202	Demand Average	UINT32	W	
	53204	Demand Peak	UINT32	W	
	53206	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53208	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 22	53210	kWh	UINT32	Wh	
	53212	Demand Average	UINT32	W	
	53214	Demand Peak	UINT32	W	
	53216	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53218	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 23	53220	kWh	UINT32	Wh	
	53222	Demand Average	UINT32	W	
	53224	Demand Peak	UINT32	W	
	53226	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53228	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 24	53230	kWh	UINT32	Wh	
	53232	Demand Average	UINT32	W	
	53234	Demand Peak	UINT32	W	
	53236	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53238	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 25	53240	kWh	UINT32	Wh	
	53242	Demand Average	UINT32	W	
	53244	Demand Peak	UINT32	W	
	53246	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53248	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 26	53250	kWh	UINT32	Wh	
	53252	Demand Average	UINT32	W	
	53254	Demand Peak	UINT32	W	
	53256	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53258	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 27	53260	kWh	UINT32	Wh	
	53262	Demand Average	UINT32	W	
	53264	Demand Peak	UINT32	W	
	53266	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53268	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 28	53270	kWh	UINT32	Wh	
	53272	Demand Average	UINT32	W	
	53274	Demand Peak	UINT32	W	
	53276	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53278	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 29	53280	kWh	UINT32	Wh	
	53282	Demand Average	UINT32	W	
	53284	Demand Peak	UINT32	W	
	53286	Voltage Average	UINT32	mV	Average of the voltage from each phase
	53288	Meter Total Current	UINT32	mA	Average of the current from each phase
Meter 30	53290	kWh	UINT32	Wh	

	53292	Demand Average	UINT32	W		
	53294	Demand Peak	UINT32	W		
	53296	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53298	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 31	53300	kWh	UINT32	Wh		
	53302	Demand Average	UINT32	W		
	53304	Demand Peak	UINT32	W		
	53306	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53308	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 32	53310	kWh	UINT32	Wh		
	53312	Demand Average	UINT32	W		
	53314	Demand Peak	UINT32	W		
	53316	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53318	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 33	53320	kWh	UINT32	Wh		
	53322	Demand Average	UINT32	W		
	53324	Demand Peak	UINT32	W		
	53326	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53328	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 34	53330	kWh	UINT32	Wh		
	53332	Demand Average	UINT32	W		
	53334	Demand Peak	UINT32	W		
	53336	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53338	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 35	53340	kWh	UINT32	Wh		
	53342	Demand Average	UINT32	W		
	53344	Demand Peak	UINT32	W		
	53346	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53348	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 36	53350	kWh	UINT32	Wh		
	53352	Demand Average	UINT32	W		
	53354	Demand Peak	UINT32	W		
	53356	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53358	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 37	53360	kWh	UINT32	Wh		
	53362	Demand Average	UINT32	W		
	53364	Demand Peak	UINT32	W		
	53366	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53368	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 38	53370	kWh	UINT32	Wh		
	53372	Demand Average	UINT32	W		
	53374	Demand Peak	UINT32	W		
	53376	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53378	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 39	53380	kWh	UINT32	Wh		
	53382	Demand Average	UINT32	W		
	53384	Demand Peak	UINT32	W		
	53386	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53388	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 40	53390	kWh	UINT32	Wh		
	53392	Demand Average	UINT32	W		
	53394	Demand Peak	UINT32	W		
	53396	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53398	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 41	53400	kWh	UINT32	Wh		
	53402	Demand Average	UINT32	W		
	53404	Demand Peak	UINT32	W		
	53406	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53408	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 42	53410	kWh	UINT32	Wh		
	53412	Demand Average	UINT32	W		
	53414	Demand Peak	UINT32	W		
	53416	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53418	Meter Total Current	UINT32	mA		Average of the current from each phase
Meter 43	53420	kWh	UINT32	Wh		
	53422	Demand Average	UINT32	W		
	53424	Demand Peak	UINT32	W		
	53426	Voltage Average	UINT32	mV		Average of the voltage from each phase
	53428	Meter Total Current	UINT32	mA		Average of 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	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	UINT16	0.01%		4th harmonic component for this waveform
	47006	5th Harmonic	UINT16	0.01%		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	UINT16	0.01%		9th harmonic component for this waveform
	47011	10th Harmonic	UINT16	0.01%		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	Enum			The meter that this element is associated with
	47021	THD	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	UINT16	0.01%		3rd harmonic component for this waveform
	47025	4th Harmonic	UINT16	0.01%		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	UINT16	0.01%		8th harmonic component for this waveform
	47030	9th Harmonic	UINT16	0.01%		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	Enum			The meter that this element is associated with
	47041	THD	UINT16	0.01%		Total harmonic distortion for this waverform
	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	UINT16	0.01%	5th harmonic component for this waveform
	47047	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47052	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47053	12th 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	UINT16	0.01%	Fundamental component for this waveform
	47063	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47064	3rd 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	UINT16	0.01%	6th harmonic component for this waveform
	47068	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47069	8th Harmonic	UINT16	0.01%	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
	47073	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 4	47080	Meter	Enum		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	UINT16	0.01%	3rd harmonic component for this waveform
	47085	4th Harmonic	UINT16	0.01%	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	UINT16	0.01%	8th harmonic component for this waveform
	47090	9th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47101	THD	UINT16	0.01%	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	UINT16	0.01%	3rd harmonic component for this waveform
	47105	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47106	5th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47111	10th Harmonic	UINT16	0.01%	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		The meter that this element is associated with
	47121	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47122	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47123	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47124	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47125	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47126	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47127	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47128	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47129	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47130	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47131	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47132	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47133	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 7	47140	Meter	Enum		The meter that this element is associated with
	47141	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47142	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47143	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47144	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47145	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47146	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47147	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47148	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47149	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47150	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47151	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47152	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47153	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 8	47160	Meter	Enum		The meter that this element is associated with
	47161	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	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	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47166	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47167	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47168	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47169	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47170	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47171	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47172	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	2nd harmonic component for this waveform
	47184	3rd Harmonic	UINT16	0.01%	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	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
	47192	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform

	47193	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 10	47200	Meter	Enum		The meter that this element is associated with
	47201	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47202	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47203	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47204	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47205	4th Harmonic	UINT16	0.01%	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	UINT16	0.01%	8th harmonic component for this waveform
	47210	9th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47221	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	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	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
	47233	12th Harmonic	UINT16	0.01%	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 waveform
	47242	Fundamental	UINT16	0.01%	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%	4th harmonic component for this waveform
	47246	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47247	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47252	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	Total harmonic distortion for this waveform
	47262	Fundamental	UINT16	0.01%	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	UINT16	0.01%	5th harmonic component for this waveform
	47267	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47271	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47272	11th 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		The meter that this element is associated with
	47281	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	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
	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	UINT16	0.01%	9th harmonic component for this waveform
	47291	10th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47301	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47302	Fundamental	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	UINT16	0.01%	5th harmonic component for this waveform
	47307	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47312	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	Total harmonic distortion for this waveform
	47302	Fundamental	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	UINT16	0.01%	5th harmonic component for this waveform
	47307	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47312	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47313	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 17	47320	Meter	Enum		The meter that this element is associated with
	47321	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47322	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47323	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47324	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47325	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47326	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47327	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform

	47328	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47329	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47330	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47331	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47332	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47333	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 18	47340	Meter	Enum		The meter that this element is associated with
	47341	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47342	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47343	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47344	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47345	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47346	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47347	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47348	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47349	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47350	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47351	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47352	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47353	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 19	47360	Meter	Enum		The meter that this element is associated with
	47361	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47362	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47363	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47364	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47365	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47366	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47367	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47368	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47369	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47370	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47371	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47372	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47373	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 20	47380	Meter	Enum		The meter that this element is associated with
	47381	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47382	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47383	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47384	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47385	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47386	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47387	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47388	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47389	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47390	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47391	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47392	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47393	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 21	47400	Meter	Enum		The meter that this element is associated with
	47401	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47402	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47403	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47404	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47405	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47406	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47407	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47408	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47409	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47410	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47411	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47412	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47413	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 22	47420	Meter	Enum		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%	5th harmonic component for this waveform
	47427	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47428	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47429	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47430	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47431	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47432	11th 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%	4th harmonic component for this waveform
	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
	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
Element 24	47460	Meter	Enum		The meter that this element is associated with
	47461	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47462	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47463	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47464	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47465	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47466	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47467	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47468	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47469	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47470	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47471	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47472	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47473	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 25	47480	Meter	Enum		The meter that this element is associated with
	47481	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47482	Fundamental	UINT16	0.01%	Fundamental component for this waveform

	47483	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47484	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47485	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47486	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47487	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47488	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47489	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47490	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47491	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47492	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47493	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 26	47500	Meter	Enum		The meter that this element is associated with
	47501	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47502	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47503	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47504	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47505	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47506	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47507	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47508	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47509	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47510	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47511	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47512	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47513	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 27	47520	Meter	Enum		The meter that this element is associated with
	47521	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47522	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47523	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47524	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47525	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47526	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47527	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47528	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47529	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47530	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47531	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47532	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47533	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 28	47540	Meter	Enum		The meter that this element is associated with
	47541	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47542	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47543	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47544	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47545	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47546	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47547	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47548	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47549	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47550	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47551	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47552	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47553	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 29	47560	Meter	Enum		The meter that this element is associated with
	47561	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47562	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47563	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47564	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47565	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47566	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47567	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47568	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47569	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47570	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47571	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47572	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47573	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 30	47580	Meter	Enum		The meter that this element is associated with
	47581	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47582	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47583	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47584	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47585	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47586	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47587	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47588	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47589	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47590	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47591	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47592	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47593	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 31	47600	Meter	Enum		The meter that this element is associated with
	47601	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47602	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47603	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47604	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47605	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47606	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47607	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47608	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47609	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47610	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47611	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47612	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47613	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 32	47620	Meter	Enum		The meter that this element is associated with
	47621	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47622	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47623	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47624	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
	47627	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47628	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47629	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47630	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47631	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform

	47632	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47633	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 33	47640	Meter	Enum		The meter that this element is associated with
	47641	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47642	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47643	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47644	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
	47649	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47650	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47651	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47652	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47653	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 34	47660	Meter	Enum		The meter that this element is associated with
	47661	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47662	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47663	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47664	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47665	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
	47668	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47669	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47670	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47671	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47672	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47673	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 35	47680	Meter	Enum		The meter that this element is associated with
	47681	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47682	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47683	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47684	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47685	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47686	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
	47691	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47692	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47693	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 36	47700	Meter	Enum		The meter that this element is associated with
	47701	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47702	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47703	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47704	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47705	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
	47710	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47711	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47712	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47713	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 37	47720	Meter	Enum		The meter that this element is associated with
	47721	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47722	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47723	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47724	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47725	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47726	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47727	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47728	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47729	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47730	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47731	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47732	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47733	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 38	47740	Meter	Enum		The meter that this element is associated with
	47741	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47742	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47743	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47744	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47745	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47746	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47747	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47748	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47749	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47750	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47751	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47752	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47753	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 39	47760	Meter	Enum		The meter that this element is associated with
	47761	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47762	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47763	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47764	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47765	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47766	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47767	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47768	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47769	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47770	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47771	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47772	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47773	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 40	47780	Meter	Enum		The meter that this element is associated with
	47781	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47782	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47783	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47784	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47785	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47786	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform

	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	UINT16	0.01%	8th harmonic component for this waveform
	47790	9th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47801	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	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	UINT16	0.01%	4th harmonic component for this waveform
	47806	5th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47811	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47812	11th 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 waveform
	47822	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47823	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	6th harmonic component for this waveform
	47828	7th Harmonic	UINT16	0.01%	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
	47833	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 43	47840	Meter	Enum		The meter that this element is associated with
	47841	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	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	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	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	UINT16	0.01%	8th harmonic component for this waveform
	47850	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47851	10th Harmonic	UINT16	0.01%	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		The meter that this element is associated with
	47861	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47862	Fundamental	UINT16	0.01%	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	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%	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	UINT16	0.01%	10th harmonic component for this waveform
	47872	11th 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	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47882	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47883	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	6th 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
Voltage C	47900	Meter	Enum		The meter that this element is associated with
	47901	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47902	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47903	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47904	3rd Harmonic	UINT16	0.01%	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	UINT16	0.01%	7th harmonic component for this waveform
	47909	8th Harmonic	UINT16	0.01%	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
	47913	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 0	47000	Meter	Enum		The meter that this element is associated with
	47001	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	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	UINT16	0.01%	4th harmonic component for this waveform
	47006	5th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47011	10th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47021	THD	UINT16	0.01%	Total harmonic distortion for this waveform

	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	UINT16	0.01%	3rd harmonic component for this waveform
	47025	4th Harmonic	UINT16	0.01%	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	UINT16	0.01%	8th harmonic component for this waveform
	47030	9th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47041	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	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	UINT16	0.01%	5th harmonic component for this waveform
	47047	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47052	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47053	12th 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	UINT16	0.01%	Fundamental component for this waveform
	47063	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47064	3rd 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	UINT16	0.01%	6th harmonic component for this waveform
	47068	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47069	8th Harmonic	UINT16	0.01%	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
	47073	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 4	47080	Meter	Enum		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	UINT16	0.01%	3rd harmonic component for this waveform
	47085	4th Harmonic	UINT16	0.01%	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	UINT16	0.01%	8th harmonic component for this waveform
	47090	9th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47101	THD	UINT16	0.01%	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	UINT16	0.01%	3rd harmonic component for this waveform
	47105	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47106	5th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47111	10th Harmonic	UINT16	0.01%	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		The meter that this element is associated with
	47121	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47122	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47123	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47124	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47125	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47126	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47127	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47128	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47129	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47130	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47131	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47132	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47133	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 7	47140	Meter	Enum		The meter that this element is associated with
	47141	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47142	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47143	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47144	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47145	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47146	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47147	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47148	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47149	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47150	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47151	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47152	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47153	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 8	47160	Meter	Enum		The meter that this element is associated with
	47161	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	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	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47166	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47167	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47168	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47169	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47170	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform

	47171	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47172	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	2nd harmonic component for this waveform
	47184	3rd Harmonic	UINT16	0.01%	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	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
	47192	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47193	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 10	47200	Meter	Enum		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	0.01%	2nd harmonic component for this waveform
	47204	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47205	4th Harmonic	UINT16	0.01%	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	UINT16	0.01%	8th harmonic component for this waveform
	47210	9th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47221	THD	UINT16	0.01%	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	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
	47233	12th Harmonic	UINT16	0.01%	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	Fundamental	UINT16	0.01%	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%	4th harmonic component for this waveform
	47246	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47247	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47252	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	Total harmonic distortion for this waverform
	47262	Fundamental	UINT16	0.01%	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	UINT16	0.01%	5th harmonic component for this waveform
	47267	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47271	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47272	11th 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		The meter that this element is associated with
	47281	THD	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
	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	UINT16	0.01%	9th harmonic component for this waveform
	47291	10th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47301	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47302	Fundamental	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	UINT16	0.01%	5th harmonic component for this waveform
	47307	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47312	11th Harmonic	UINT16	0.01%	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	UINT16	0.01%	Total harmonic distortion for this waverform
	47302	Fundamental	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	UINT16	0.01%	5th harmonic component for this waveform
	47307	6th Harmonic	UINT16	0.01%	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	UINT16	0.01%	10th harmonic component for this waveform
	47312	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47313	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 17	47320	Meter	Enum		The meter that this element is associated with
	47321	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47322	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47323	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47324	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47325	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47326	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47327	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47328	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47329	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47330	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47331	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47332	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47333	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 18	47340	Meter	Enum		The meter that this element is associated with
	47341	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47342	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47343	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47344	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47345	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47346	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47347	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47348	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47349	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47350	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47351	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47352	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47353	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 19	47360	Meter	Enum		The meter that this element is associated with
	47361	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47362	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47363	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47364	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47365	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47366	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47367	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47368	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47369	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47370	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47371	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47372	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47373	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 20	47380	Meter	Enum		The meter that this element is associated with
	47381	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47382	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47383	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47384	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47385	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47386	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47387	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47388	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47389	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47390	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47391	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47392	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47393	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 21	47400	Meter	Enum		The meter that this element is associated with
	47401	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47402	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47403	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47404	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47405	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47406	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47407	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47408	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47409	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47410	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47411	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47412	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47413	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 22	47420	Meter	Enum		The meter that this element is associated with
	47421	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	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%	5th harmonic component for this waveform
	47427	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47428	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47429	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47430	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47431	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47432	11th 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 waverform
	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%	4th harmonic component for this waveform
	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
	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
Element 24	47460	Meter	Enum		The meter that this element is associated with

	47461	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47462	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47463	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47464	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47465	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47466	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47467	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47468	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47469	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47470	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47471	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47472	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47473	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 25	47480	Meter	Enum		The meter that this element is associated with
	47481	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47482	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47483	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47484	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47485	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47486	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47487	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47488	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47489	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47490	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47491	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47492	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47493	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 26	47500	Meter	Enum		The meter that this element is associated with
	47501	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47502	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47503	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47504	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47505	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47506	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47507	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47508	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47509	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47510	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47511	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47512	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47513	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 27	47520	Meter	Enum		The meter that this element is associated with
	47521	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47522	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47523	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47524	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47525	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47526	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47527	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47528	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47529	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47530	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47531	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47532	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47533	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 28	47540	Meter	Enum		The meter that this element is associated with
	47541	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47542	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47543	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47544	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47545	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47546	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47547	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47548	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47549	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47550	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47551	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47552	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47553	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 29	47560	Meter	Enum		The meter that this element is associated with
	47561	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47562	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47563	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47564	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47565	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47566	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47567	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47568	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47569	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47570	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47571	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47572	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47573	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 30	47580	Meter	Enum		The meter that this element is associated with
	47581	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47582	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47583	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47584	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47585	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47586	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47587	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47588	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47589	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47590	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47591	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47592	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47593	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 31	47600	Meter	Enum		The meter that this element is associated with
	47601	THD	UINT16	0.01%	Total harmonic distortion for this waveform
	47602	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47603	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47604	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47605	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47606	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47607	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47608	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47609	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform

	47610	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47611	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47612	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47613	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 32	47620	Meter	Enum		The meter that this element is associated with
	47621	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47622	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47623	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47624	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
	47627	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47628	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47629	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47630	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47631	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47632	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47633	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 33	47640	Meter	Enum		The meter that this element is associated with
	47641	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47642	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47643	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47644	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
	47649	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47650	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47651	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47652	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47653	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 34	47660	Meter	Enum		The meter that this element is associated with
	47661	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47662	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47663	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47664	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47665	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
	47668	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47669	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47670	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47671	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47672	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47673	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 35	47680	Meter	Enum		The meter that this element is associated with
	47681	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47682	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47683	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47684	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47685	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47686	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
	47691	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47692	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47693	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 36	47700	Meter	Enum		The meter that this element is associated with
	47701	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47702	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47703	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47704	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47705	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
	47710	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47711	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47712	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47713	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 37	47720	Meter	Enum		The meter that this element is associated with
	47721	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47722	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47723	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47724	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47725	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47726	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47727	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47728	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47729	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47730	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47731	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47732	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47733	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 38	47740	Meter	Enum		The meter that this element is associated with
	47741	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47742	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47743	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47744	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47745	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47746	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47747	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47748	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47749	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47750	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47751	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47752	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47753	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 39	47760	Meter	Enum		The meter that this element is associated with
	47761	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47762	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47763	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47764	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform

	47765	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47766	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	47767	6th Harmonic	UINT16	0.01%	6th harmonic component for this waveform
	47768	7th Harmonic	UINT16	0.01%	7th harmonic component for this waveform
	47769	8th Harmonic	UINT16	0.01%	8th harmonic component for this waveform
	47770	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47771	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47772	11th Harmonic	UINT16	0.01%	11th harmonic component for this waveform
	47773	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 40	47780	Meter	Enum		The meter that this element is associated with
	47781	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47782	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47783	2nd Harmonic	UINT16	0.01%	2nd harmonic component for this waveform
	47784	3rd Harmonic	UINT16	0.01%	3rd harmonic component for this waveform
	47785	4th Harmonic	UINT16	0.01%	4th harmonic component for this waveform
	47786	5th Harmonic	UINT16	0.01%	5th harmonic component for this waveform
	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	UINT16	0.01%	8th harmonic component for this waveform
	47790	9th Harmonic	UINT16	0.01%	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	Enum		The meter that this element is associated with
	47801	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	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	UINT16	0.01%	4th harmonic component for this waveform
	47806	5th Harmonic	UINT16	0.01%	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	UINT16	0.01%	9th harmonic component for this waveform
	47811	10th Harmonic	UINT16	0.01%	10th harmonic component for this waveform
	47812	11th 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	UINT16	0.01%	Fundamental component for this waveform
	47823	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	6th harmonic component for this waveform
	47828	7th Harmonic	UINT16	0.01%	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
	47833	12th Harmonic	UINT16	0.01%	12th harmonic component for this waveform
Element 43	47840	Meter	Enum		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	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	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	UINT16	0.01%	8th harmonic component for this waveform
	47850	9th Harmonic	UINT16	0.01%	9th harmonic component for this waveform
	47851	10th Harmonic	UINT16	0.01%	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		The meter that this element is associated with
	47861	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47862	Fundamental	UINT16	0.01%	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	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%	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	UINT16	0.01%	10th harmonic component for this waveform
	47872	11th 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	THD	UINT16	0.01%	Total harmonic distortion for this waverform
	47882	Fundamental	UINT16	0.01%	Fundamental component for this waveform
	47883	2nd Harmonic	UINT16	0.01%	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	UINT16	0.01%	6th 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
Voltage C	47900	Meter	Enum		The meter that this element is associated with

49000 Meter 1 Summary register (Main meter)

49017