

<b>Prüfbericht - Nr.:</b> 50044281 001 <i>Test Report No.:</i>		<i>Seite 1 von 18</i> <i>Page 1 of 18</i>	
<b>Auftraggeber:</b> <i>Client:</i>	Panasonic Corporation AVC Networks Company 1-10-12 Yagumo-Higashi-Machi, Moriguchi City, Osaka 570-0021, Japan		
<b>Gegenstand der Prüfung:</b> <i>Test item:</i>	Tablet Computer		
<b>Bezeichnung:</b> <i>Identification:</i>	CF-20	<b>Serien-Nr.:</b> <i>Serial No.:</i>	Engineering sample without Serial number
<b>Wareneingangs-Nr.:</b> <i>Receipt No.:</i>	214072851	<b>Eingangsdatum:</b> <i>Date of receipt:</i>	2016-03-22
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of test item at delivery:</i>	Normal Condition		
<b>Prüfört:</b> <i>Testing location:</i>	TÜV Rheinland Japan Ltd., Osaka Laboratory 1-3-14, Fukae Minami, Higashinari-ku, Osaka 537-0002, Japan		
<b>Prüfgrundlage:</b> <i>Test specification:</i>	EN 60529:1991+A1+A2 IEC 60529:1989+A1+A2		
<b>Prüfergebnis:</b> <i>Test Result:</i>	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>		
<b>Prüflaboratorium:</b> <i>Testing Laboratory:</i>	TÜV Rheinland Japan Ltd., Osaka Laboratory 1-3-14, Fukae Minami, Higashinari-ku, Osaka 537-0002, Japan		
<b>geprüft/ tested by:</b>	<b>kontrolliert/ reviewed by:</b>		
			
2016-05-20	Tetsuya Hashimoto / Head of Laboratory	2016-05-20	Darby Reotutar / Head of Laboratory
<b>Datum</b> <i>Date</i>	<b>Name/Stellung</b> <i>Name/Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>
	<b>Name/Stellung</b> <i>Name/Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Name/Stellung</b> <i>Name/Position</i>
	<b>Unterschrift</b> <i>Signature</i>		<b>Unterschrift</b> <i>Signature</i>
<b>Sonstiges/ Other Aspects:</b>			
Scope of Application: Tablet Computer (model CF-20), Tablet part and Keyboard Part			
Refer to Attachment A for construction drawing.			
<b>Abkürzungen:</b> P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet		<b>Abbreviations:</b> P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test centre this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>			

<b>TEST REPORT</b> <b>IEC/EN 60529</b> <b>DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)</b>			
<b>Test item particulars:</b>			
Enclosure specification ..... : (IP rating and enclosure category for only IP5X)	<b>IP65</b>		
Equipment dimensions (mm) ..... : (Include Keyboard unit)	Width: 272	Height: 233	Length: 1.76
Internal volume of EUT, $V_i$ (cm <sup>3</sup> ) ..... : (1 liter = 1dm <sup>3</sup> = 1000cm <sup>3</sup> )	1100		
<b>General remarks:</b>			
The test results presented in this report relate only to the item(s) tested. "(see remark #)" refers to a remark appended to the report. "(see Annex #)" refers to an annex appended to the report. Throughout this report a period is used as the decimal separator.			
<b>Abbreviations used throughout this test report:</b>			
PE:protective earth		pri:primary	
CB:circuit breaker		sec:secondary	
(SW)PS: (switching) power supply		gnd:ground	
HV:high voltage		I/O:input/output	
PCB:printed circuit (wiring) board		EUT: Equipment Under Test	
<b>Description of the test item:</b>			
Tests were conducted on product name model: CF-20 Used 1 sample for IP6X and 1 sample for IPX5.  Discription of the EUT (ex. sealing, structure, out of scope etc.) EUT for this application is consist of Tablet part and Keyboard part. Tablet part can mount on Keyboard part to use it as notebook computer. Scope of evaluation is for sealing part with the materials and relevant construction for sealing in Tablet part and Keyboard part.  For further details, refer to Attachment A.			
<b>Options/accessories/ancillary equipment:</b>			
The equipment was tested without any optional accessory installed. Hence, this report does not cover parameters that are influenced by the installation of optional accessory that might affect safety in the meaning of this standard.			
<b>Description of equipment Setup (e.g. wiring, description of openings, installation, artificial surface...):</b>			
For IP6X powder test the depression hose was fixed to the enclosure in a normal mounting position. (Testing for Tablet part and Keyboard part were conducted separately.) For IPX5 water test the EUT was placed onto the turntable in a normal mounting position. (Tablet part was mounted on Keyboard part during the testing.)			