Maximum Permissible Exposure

Equipment	:	**WPC TX**
Brand Name	:	**acer**
Model No.	:	**WPC-W-A-TX-A11-006**
FCC ID	:	**HLZWPC1**
Standard	:	**ANSI/IEEE C95.1**
Applicant	:	**Acer Incorporated** 8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22181, Taiwan (R.O.C)
Manufacturer	:	**INPAQ Technology Co., Ltd.** No. 11, Ke-Yi St., Chunan, Miaoli 350 Taiwan R.O.C.

The product sample received on Nov. 17, 2015 and completely tested on Dec. 09, 2015. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI/IEEE C95.1 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by:

Kevin Liang / Assistant Manager

Testing Laboratory
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Revision History

Report No.	Version	Description	Issued Date
FA5N1704-01	Rev. 01	Initial issue of report	Feb. 01, 2016

1 Human Exposure Assessment

1.1 Maximum Permissible Exposure

1.1.1 Limit of Maximum Permissible Exposure

Limits for Occupational / Controlled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/ cm²)**	**Averaging Time |E|²,|H|² or S (minutes)**
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	($900 / f^2$)*	6
30-300	61.4	0.163	1.0	6
300-1500	-	-	F/300	6
1500-100,000	-	-	5	6
Limits for General Population / Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/ cm²)**	**Averaging Time |E|²,|H|² or S (minutes)**
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	($180/f^2$)*	30
30-300	27.5	0.073	0.2	30
300-1500	-	-	F/1500	30
1500-100,000	-	-	1.0	30
Note 1: f = frequency in MHz ; *Plane-wave equivalent power density Note 2: For the applicable limit, see FCC 1.1310				

1.1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:
FCC KDB 680106 D01 RF Exposure Wireless Charging Apps v02 - Part 2 Section 2.109

1.2 Accessories and Support Equipment

Accessories Information				
PC	Brand Name	acer	Model Name	Aspire T3-715
PC	Brand Name	acer	Model Name	Aspire X3-710

Reminder: Regarding to more detail and other information, please refer to user manual.

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Test Fixture	-	-	-

Note：The Test Fixture provides is by customer.

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C. TEL : 886-3-327-3456 FAX : 886-3-327-0973	
Test Site Registration Number: 636805			
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**
RF Conducted	TH01-HY	Howard	21.5°C / 63%

1.4 The Worst Charging Condition

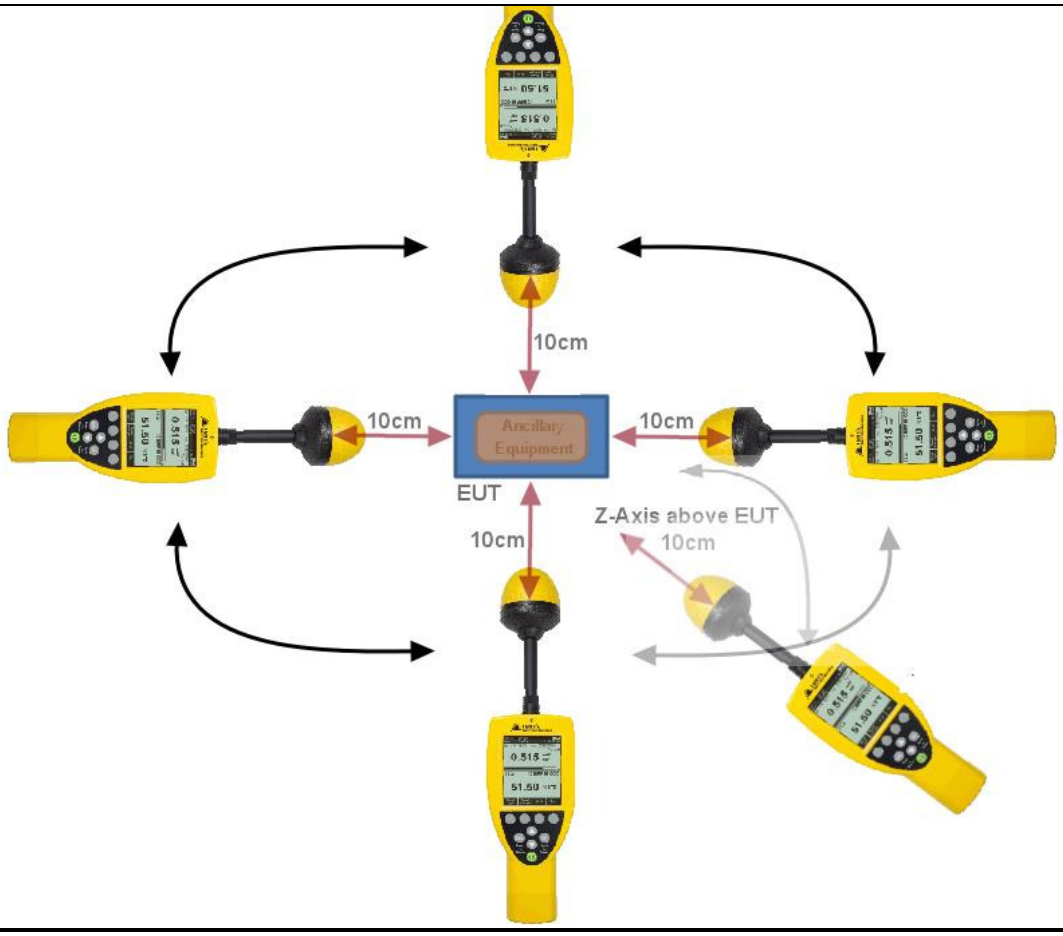
Ancillary Equipment	Charging Condition	Worst Charging Condition
Fixture Load	Charging Mode	Charging Mode

1.4.1 Test Method

Test Method
☒ Performed aggregate both leakage E-field and H-field at surrounding the device from all simultaneous transmitting coils.
☒ During testing, the EUT was placed on a non-conductive table top and the ancillary equipment (e.g., mobile phone) was placed on the EUT for charging. Maximum E-field and H-field measurements were tested 10cm from each side of the EUT. Along the side of the EUT to center of E-field probe and H-field probe were positioned at the location to search maximum field strength.

1.4.2 Test Setup

E-field and H-field Measurement



1.4.3 Result of Maximum Permissible Exposure

Maximum Permissible Exposure (135 kHz)				
Charging Condition	**Separation**	**Probe from EUT Side**	**E-field (V/m)**	**H-field Limit (A/m)**
Charging Mode	10cm	Left	1.47	0.160
Charging Mode	10cm	Right	1.52	0.118
Charging Mode	10cm	Top	1.41	1.214
Charging Mode	10cm	Bottom	1.34	0.083
Charging Mode	10cm	Z-axis above EUT	5.45	0.569
Limit			614	1.63
Margin Limit (%)			0.89%	74.47%

Maximum Permissible Exposure (154 kHz)				
Charging Condition	**Separation**	**Probe from EUT Side**	**E-field (V/m)**	**H-field Limit (A/m)**
Charging Mode	10cm	Left	1.3	0.165
Charging Mode	10cm	Right	1.4	0.287
Charging Mode	10cm	Top	0.71	0.060
Charging Mode	10cm	Bottom	1.84	0.153
Charging Mode	10cm	Z-axis above EUT	2.31	0.895
Limit			614	1.63
Margin Limit (%)			0.38%	54.89%

2 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
B-Field Probe	Narda Safety Test Solutions GmbH	B-Field Probe 100 cm2	M-0652	50Hz~400KHz	Jun. 16, 2014	RF Conducted
Exposure Level Teste	Narda Safety Test Solutions GmbH	ELT-400	N-0210	100KHz~3MHz	Jun. 25, 2014	RF Conducted
Probe EF	Narda Safety Test Solutions GmbH	0391 E-Field	D-0667	0.1MHz ~ 3GHz	Jun. 23, 2014	RF Conducted
Broadband Field Meter	Narda Safety Test Solutions GmbH	NBM-550	E-0847	0.1MHz ~ 3GHz	Jun. 06, 2014	RF Conducted

Note: Calibration Interval of instruments listed above is two year.