Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Maximum Permissive Exposure

1. Description of EUT

Product Name	WPC Module
Brand	acer
Test Model	WCPTI-S
Date of Test	2017. 09. 26

2. Radiated Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
1.	Broadband Field Meter	NARDA	NBM-550	B-0959	2017. 01. 12	2 Years
2.	Magnetic Field Meter	NARDA	MFM-10	535	2016. 03. 15	2 Years
3.	E-Field Probe	NARDA	EF0391	A-1034	2017. 01. 05	2 Years
4.	Magnetic Probe	NARDA	HF-3061	A-1023	2017. 01. 04	2 Years

3. Tested Supporting System List

1.3.1. Support Peripheral Unit

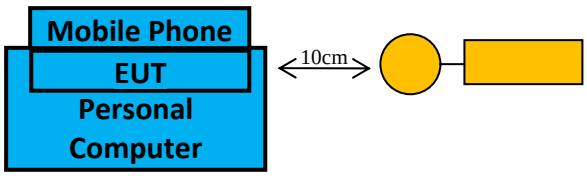
No.	Product	Brand	Model No.	Serial No.	Approval
1.	Personal Computer	acer	D17W8	N/A	FCC by DoC
2.	Mobile Phone	SAMSUNG	SM-G9208/SS	N/A	FCC ID: A3LSMG920F

1.3.2. Cable Lists

No.	Cable Description Of The Above Support Units
1.	AC Adapter: acer, M/N PA-1131-16 DC Power Cord: Unshielded, Detachable, 1.5m AC Power Cord: Unshielded, Undetachable, 1.8m
2.	N/A

Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

4. Setup Configuration



5. Operating Condition of EUT

The mobile phone was at 0% power and in contact directly with EUT for charging.

6. MPE Calculation

Acer Incorporated Declares that the product described above has been evaluated and found to comply with the RF exposure limits for humans, as specified based on ANSI/FCC recommendation.

According to FCC CFR 47 §1.1310/RSS-102, the criteria listed in the following table shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b).

Table 1 Limits for Maximum Permissible Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm2)	Averaging Time (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	0.73	2	30
300-1500	--	--	f/150	30
1500-100,000	--	--	1	30

Table 4 RF Field Strength Limits for Devices Used by the General Public (Uncontrolled Environment)

Frequency Range (MHz)	Electric Field (V/m rms)	Magnetic Field (A/m rms)	Power Density (W/m^2)	Reference Period (minutes)
0.003-10[21]	83	90	-	Instantaneous*
0.1-10	-	$0.73/f$	-	6**
1.1-10	$87/f^{0.5}$	-	-	6**
10-20	27.46	0.0728	-2	6
20-48	$58.07/f^{0.25}$	$0.1540/f^{0.25}$	$8.944/f^{0.5}$	6
48-300	22.06	0.05852	1.291	6
300-6000	$3.142 f^{0.3417}$	$0.008335 f^{0.3417}$	$0.02619 f^{0.6834}$	6
6000-15000	61.4	0.163	10	6
15000-150000	61.4	0.163	10	$616000/f^{1.2}$
150000-300000	$0.158 f^{0.5}$	$4.21 \times 10^{-4} f^{0.5}$	$6.67 \times 10^{-5} f$	$616000/f^{1.2}$

Note: f is frequency in MHz.
* Based on nerve stimulation (NS).
** Based on specific absorption rate (SAR).

Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

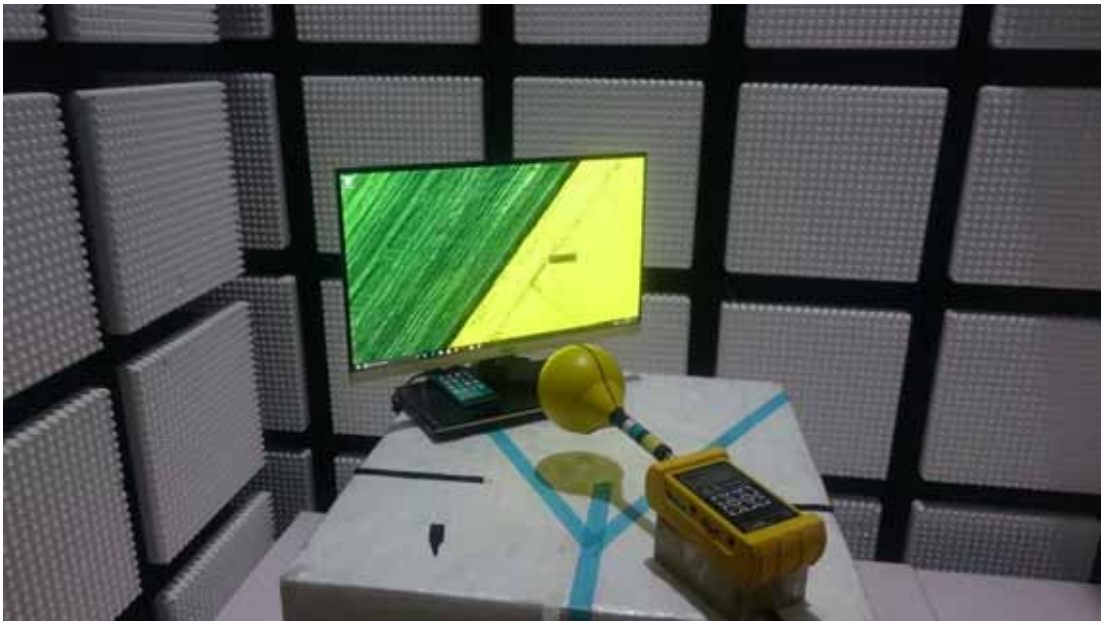
Acer Incorporated declares that the product described above has been evaluated and found to comply with the RF exposure limits for humans, as specified based on ANSI/FCC recommendation.

Separation	Probe from EUT side	E-field strength (V/m)
10cm	Left	7.63
10cm	Right	6.89
10cm	Top	10.21
10cm	Bottom	6.86
10cm	Z-axis above EUT	6.91
FCC CFR 47 Limit		614
RSS-102 Limit		83

Separation	Probe from EUT side	H-field strength (A/m)
10cm	Left	0.59
10cm	Right	0.34
10cm	Top	0.92
10cm	Bottom	0.57
10cm	Z-axis above EUT	0.56
FCC CFR 47 Limit		1.63
RSS-102 Limit		90

Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

7. Test Setup Photo



Sincerely Yours,

Mr. Ben Cheng
Manager
AUDIX Technology Corporation