

Maximum Permissive Exposure

1. Description of EUT

Product Name	CWT Module-WTM1A15
Model	WTM1A15
Brand	acer
FCC ID	HLZWPC4
Test Model	WTM1A15
Date of Test	2020. 07. 02

2. Radiated Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
1.	Broadband Field Meter	NARDA	NBM-550	B-0959	2019.02.05	2 Years
2.	E-Field Probe	NARDA	EF0391	A-1034	2019.02.05	2 Years
3.	Exposure Level Tester	NARDA	ELT-400	M-0291	2019.02.04	2 Years
4.	B-Field Probe 100 cm2	NARDA	2300/90.10	M-0309	2019.02.04	2 Years

3. Tested Supporting System List

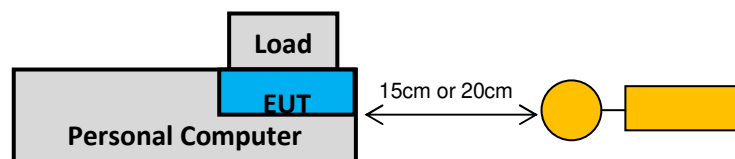
3.1. Support Peripheral Unit

No.	Product	Brand	Model No.	Serial No.	Approval
1.	Personal Computer	acer	D19W6	N/A	N/A
2.	Load (15Ω)	N/A	N/A	N/A	N/A

3.2. Cable Lists

No.	Cable Description Of The Above Support Units
1.	AC Power Cord: Unshielded, Detachable, 1.8m
2.	None

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, 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/cm ²)	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

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Test Model: WTM1A15			
Test Frequency	TX 123.6kHz	Test Mode	10W Charge

Separation	Probe from EUT side	E-field strength (V/m)	H-field strength (A/m)
15cm	Left	0.27	0.059625
15cm	Right	0.25	0.048495
20cm	Top	0.16	0.04134
15cm	Back	0.11	0.05247
15cm	Z-axis above EUT(Front)	0.61	0.073935
Limit		614	1.63

Sincerely Yours



Mr. Johnny Hsueh/Section Manager
AUDIX Technology Corporation

7. Exemption from RF Exposure

Pursuant to KDB 680106 D01 v03, it meets the requirements indicated in section 5 b) and could be excluded from KDB inquiry

- (1) Power transfer frequency is less than 1 MHz.

Explain: The transfer frequency is below 1MHz.

- (2) Output power from each primary coil is less than or equal to 15 watts.

Explain: The device has output power is less than 15 watt.

- (3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils.

Explain: The system used single coil

- (4) Client device is placed directly in contact with the transmitter.

Explain: yes. It is.

- (5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).

Explain: The device has Mobile exposure conditions.

- (6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

Explain: The aggregate leakage field is less than 50% of limit. Please refer to MPE.

Test Setup Photo

