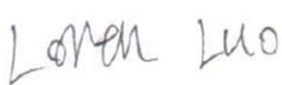
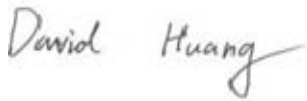



EMC TEST REPORT



Report No.: 16071173-FCC-E

Supersede Report No.:N/A

Applicant	AOC	
Product Name	Tablet PC	
Model No.	A726	
Serial No.	N/A	
Test Standard	FCC Part 15 Subpart B Class B:2015, ANSI C63.4: 2014	
Test Date	September 21 to October 17, 2016	
Issue Date	October 18, 2016	
Test Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	
Equipment complied with the specification <input checked="" type="checkbox"/>		
Equipment did not comply with the specification <input type="checkbox"/>		
		
Loren Luo Test Engineer	David Huang Checked By	
This test report may be reproduced in full only Test result presented in this test report is applicable to the tested sample only		

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES

Zone A, Floor 1, Building 2 Wan Ye Long Technology Park

South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108

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Laboratories Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

Accreditations for Conformity Assessment

Country/Region	Scope
USA	EMC, RF/Wireless, SAR, Telecom
Canada	EMC, RF/Wireless, SAR, Telecom
Taiwan	EMC, RF, Telecom, SAR, Safety
Hong Kong	RF/Wireless, SAR, Telecom
Australia	EMC, RF, Telecom, SAR, Safety
Korea	EMI, EMS, RF, SAR, Telecom, Safety
Japan	EMI, RF/Wireless, SAR, Telecom
Singapore	EMC, RF, SAR, Telecom
Europe	EMC, RF, SAR, Telecom, Safety

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1. Report Revision History

Report No.	Report Version	Description	Issue Date
16071173-FCC-E	NONE	Original	October 18, 2016
16071173-FCC-E	V1	Update the data of Above 1GHz	October 26,2016

2. Customer information

Applicant Name	AOC
Applicant Add	14F-5, NO.258, Liancheng Rd., Zhonghe Dist., New Taipei City, Taiwan
Manufacturer	China Great Wall Computer Shenzhen Co., Ltd.
Manufacturer Add	No.Great Wall Computer Industrial Park,Bao Shi East Road,Bao' an Bistrict,Shenzhen,P.R.China

3. Test site information

Lab performing tests	SIEMIC (Shenzhen-China) LABORATORIES
Lab Address	Zone A, Floor 1, Building 2 Wan Ye Long Technology Park South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108
FCC Test Site No.	718246
IC Test Site No.	4842E-1
Test Software	Radiated Emission Program-To Shenzhen v2.0

4. Equipment under Test (EUT) Information

Description of EUT:	Tablet PC
Main Model:	A726
Serial Model:	N/A
Antenna Gain:	Bluetooth/WIFI: 2dBi
Antenna Type:	PIFA antenna
Input Power:	Adapter: Model: SC/5WM500100-US Input: AC 100-240V~50/60Hz;0.4A Output: DC 5.0V,1000mA Battery: Spec: 3.7V,2500mAh(9.25Wh)
Equipment Category :	JBC
Type of Modulation:	802.11b/g/n: DSSS, OFDM Bluetooth: GFSK, $\pi/4$ DQPSK, 8DPSK
RF Operating Frequency (ies):	WIFI: 802.11b/g/n(20M): 2412-2462 MHz WIFI: 802.11n (40M) : 2422-2452 MHz Bluetooth: 2402-2480 MHz
Number of Channels:	WIFI :802.11b/g/n(20M): 11CH WIFI :802.11n(40M): 7CH Bluetooth: 79CH
Port:	Earphone Port, USB Port , SD Card Port
Trade Name :	AOC
FCC ID:	2AEB5-A726
Date EUT received:	September 20, 2016

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Test Date(s): September 21 to October 17, 2016

5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

FCC Rules	Description of Test	Result
§15.107; ANSI C63.4: 2014	AC Power Line Conducted Emissions	Compliance
§15.109; ANSI C63.4: 2014	Radiated Emissions	Compliance

Measurement Uncertainty


Emissions		
Test Item	Description	Uncertainty
Band Edge and Radiated Spurious Emissions	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB
-	-	-

6. Measurements, Examination And Derived Results

6.1 AC Power Line Conducted Emissions

Temperature	23°C
Relative Humidity	59%
Atmospheric Pressure	1026mbar
Test date :	September 26, 2016
Tested By :	Loren Luo

Requirement(s):

Spec	Item	Requirement	Applicable														
47CFR§15.107	a)	For Low-power radio-frequency devices that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 [mu] H/50 ohms line impedance stabilization network (LISN). The lower limit applies at the boundary between the frequencies ranges.															
		<table><tr><th rowspan="2">Frequency ranges (MHz)</th><th colspan="2">Limit (dBµV)</th></tr><tr><th>QP</th><th>Average</th></tr><tr><td>0.15 ~ 0.5</td><td>66 – 56</td><td>56 – 46</td></tr><tr><td>0.5 ~ 5</td><td>56</td><td>46</td></tr><tr><td>5 ~ 30</td><td>60</td><td>50</td></tr></table>	Frequency ranges (MHz)	Limit (dBµV)		QP	Average	0.15 ~ 0.5	66 – 56	56 – 46	0.5 ~ 5	56	46	5 ~ 30	60	50	
Frequency ranges (MHz)	Limit (dBµV)																
	QP	Average															
0.15 ~ 0.5	66 – 56	56 – 46															
0.5 ~ 5	56	46															
5 ~ 30	60	50															

Test Setup	 <p>Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.</p>
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Procedure	<ol style="list-style-type: none"> The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m x 1m x 0.8m high, non-metallic table. The power supply for the EUT was fed through a 50Ω /50mH EUT LISN, connected to filtered mains.
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	<p>3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.</p> <p>4. All other supporting equipment were powered separately from another main supply.</p> <p>5. The EUT was switched on and allowed to warm up to its normal operating condition.</p> <p>6. A scan was made on the NEUTRAL line (for AC mains) or Earth line (for DC power) over the required frequency range using an EMI test receiver.</p> <p>7. High peaks, relative to the limit line, The EMI test receiver was then tuned to the selected frequencies and the necessary measurements made with a receiver bandwidth setting of 10 kHz.</p> <p>8. Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).</p>
Remark	
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Test Data ☒ Yes ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Screen 1& Screen 2

Test Mode 1:	USB Mode
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Test Mode 2:	MP4 Mode
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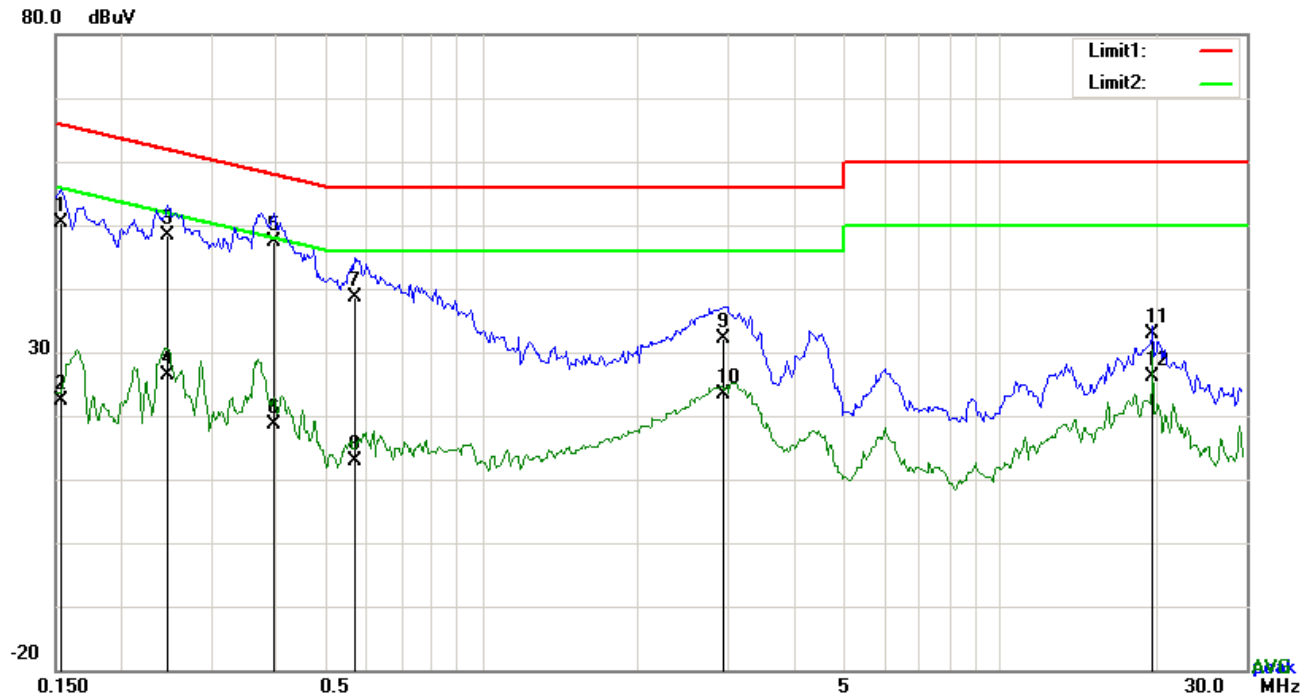
Test Mode 3:	Camera Mode
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Test Mode 4:	SD Card Mode
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All modes were investigated. The result only show the worst case as below.

Screen 1 :

Test Mode 1: USB Mode

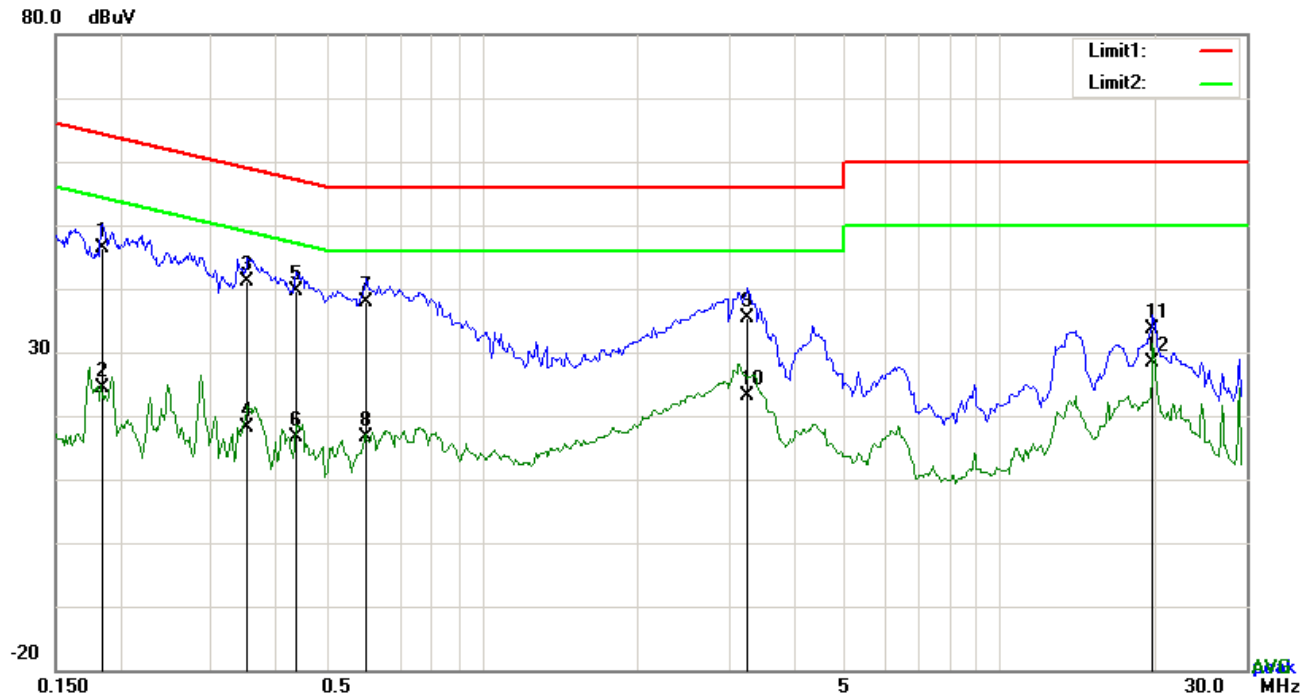


Test Data

Phase Line Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	L1	0.1539	40.34	QP	10.03	50.37	65.79	-15.42
2	L1	0.1539	12.46	AVG	10.03	22.49	55.79	-33.30
3	L1	0.2475	38.46	QP	10.03	48.49	61.84	-13.35
4	L1	0.2475	16.35	AVG	10.03	26.38	51.84	-25.46
5	L1	0.3957	37.33	QP	10.03	47.36	57.94	-10.58
6	L1	0.3957	8.65	AVG	10.03	18.68	47.94	-29.26
7	L1	0.5673	28.66	QP	10.03	38.69	56.00	-17.31
8	L1	0.5673	2.96	AVG	10.03	12.99	46.00	-33.01
9	L1	2.9424	21.99	QP	10.05	32.04	56.00	-23.96
10	L1	2.9424	13.43	AVG	10.05	23.48	46.00	-22.52
11	L1	19.8090	22.63	QP	10.30	32.93	60.00	-27.07
12	L1	19.8090	15.85	AVG	10.30	26.15	50.00	-23.85

Test Mode 1:	USB Mode
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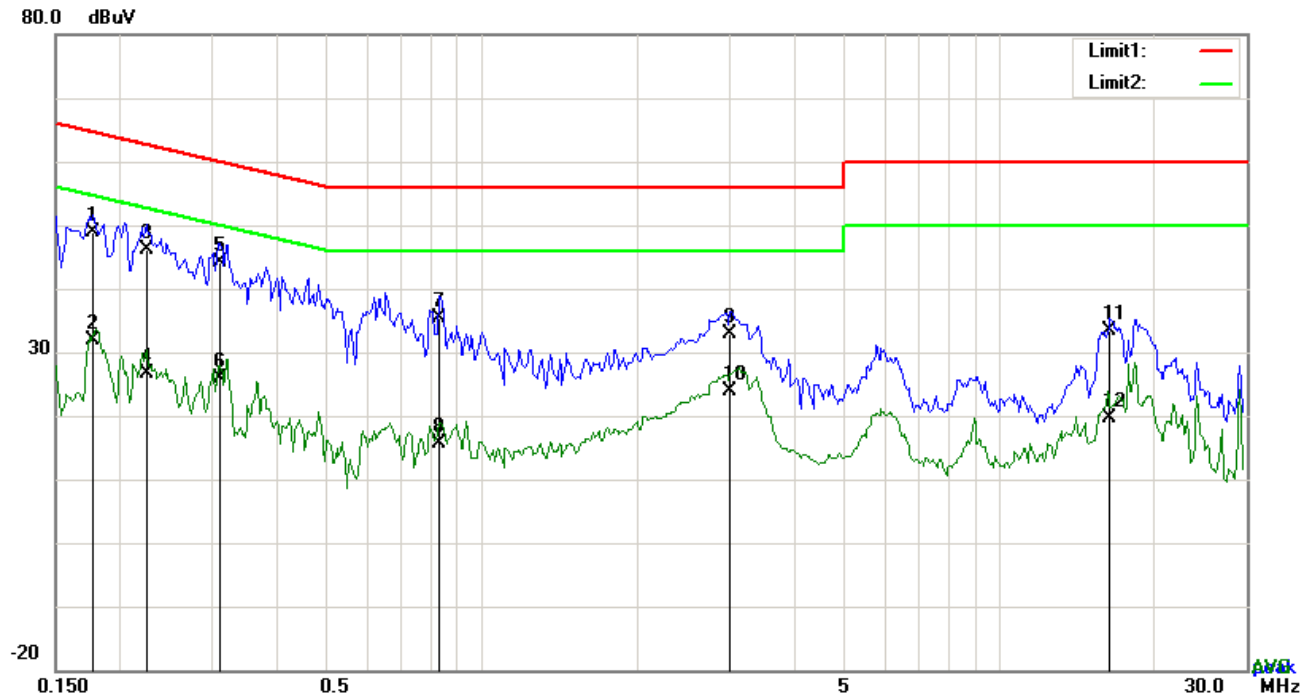


Test Data

Phase Neutral Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	N	0.1851	36.48	QP	10.02	46.50	64.25	-17.75
2	N	0.1851	14.43	AVG	10.02	24.45	54.25	-29.80
3	N	0.3528	31.04	QP	10.02	41.06	58.90	-17.84
4	N	0.3528	8.22	AVG	10.02	18.24	48.90	-30.66
5	N	0.4386	29.62	QP	10.02	39.64	57.09	-17.45
6	N	0.4386	6.66	AVG	10.02	16.68	47.09	-30.41
7	N	0.5985	27.93	QP	10.02	37.95	56.00	-18.05
8	N	0.5985	6.55	AVG	10.02	16.57	46.00	-29.43
9	N	3.2613	25.21	QP	10.05	35.26	56.00	-20.74
10	N	3.2613	13.18	AVG	10.05	23.23	46.00	-22.77
11	N	19.7934	23.49	QP	10.26	33.75	60.00	-26.25
12	N	19.7934	18.02	AVG	10.26	28.28	50.00	-21.72

Test Mode 1: USB Mode

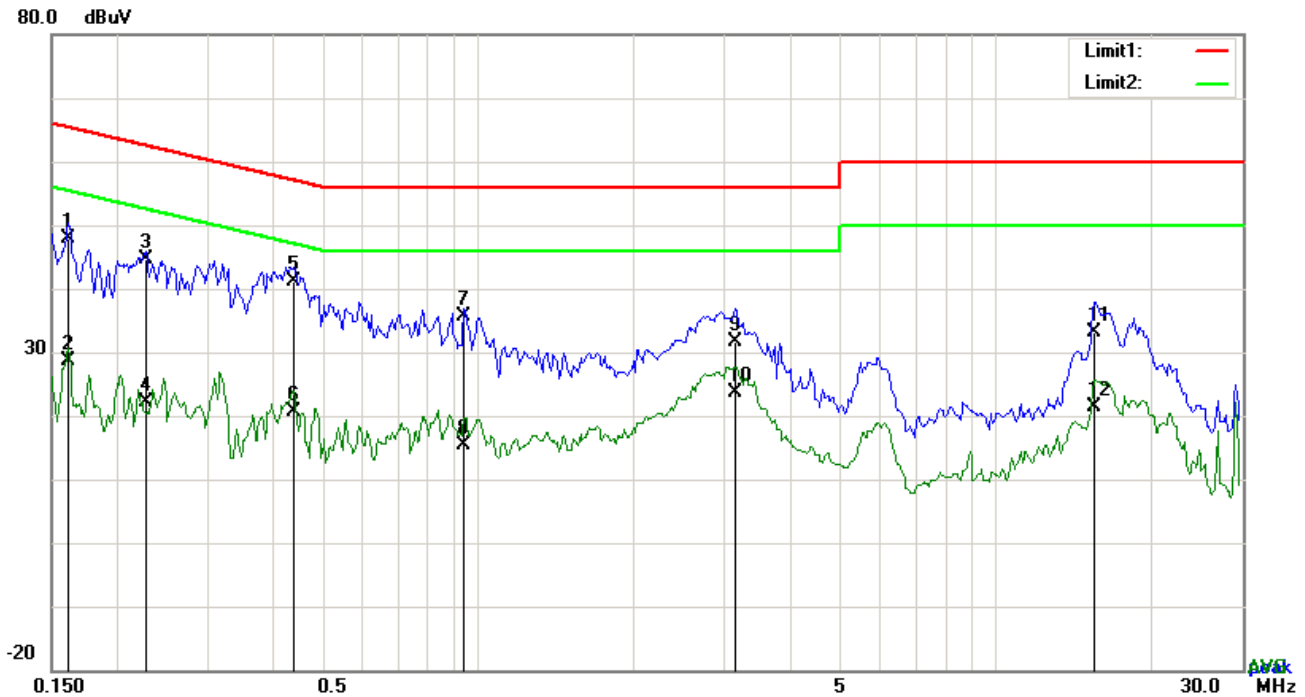


Test Data

Phase Line Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	L1	0.1773	38.92	QP	10.03	48.95	64.61	-15.66
2	L1	0.1773	21.91	AVG	10.03	31.94	54.61	-22.67
3	L1	0.2244	36.22	QP	10.03	46.25	62.65	-16.40
4	L1	0.2244	16.63	AVG	10.03	26.66	52.65	-25.99
5	L1	0.3116	34.22	QP	10.03	44.25	59.93	-15.68
6	L1	0.3116	15.83	AVG	10.03	25.86	49.93	-24.07
7	L1	0.8286	25.41	QP	10.03	35.44	56.00	-20.56
8	L1	0.8286	5.48	AVG	10.03	15.51	46.00	-30.49
9	L1	3.0195	22.77	QP	10.06	32.83	56.00	-23.17
10	L1	3.0195	13.92	AVG	10.06	23.98	46.00	-22.02
11	L1	16.3731	23.07	QP	10.25	33.32	60.00	-26.68
12	L1	16.3731	9.28	AVG	10.25	19.53	50.00	-30.47

Test Mode 1: USB Mode



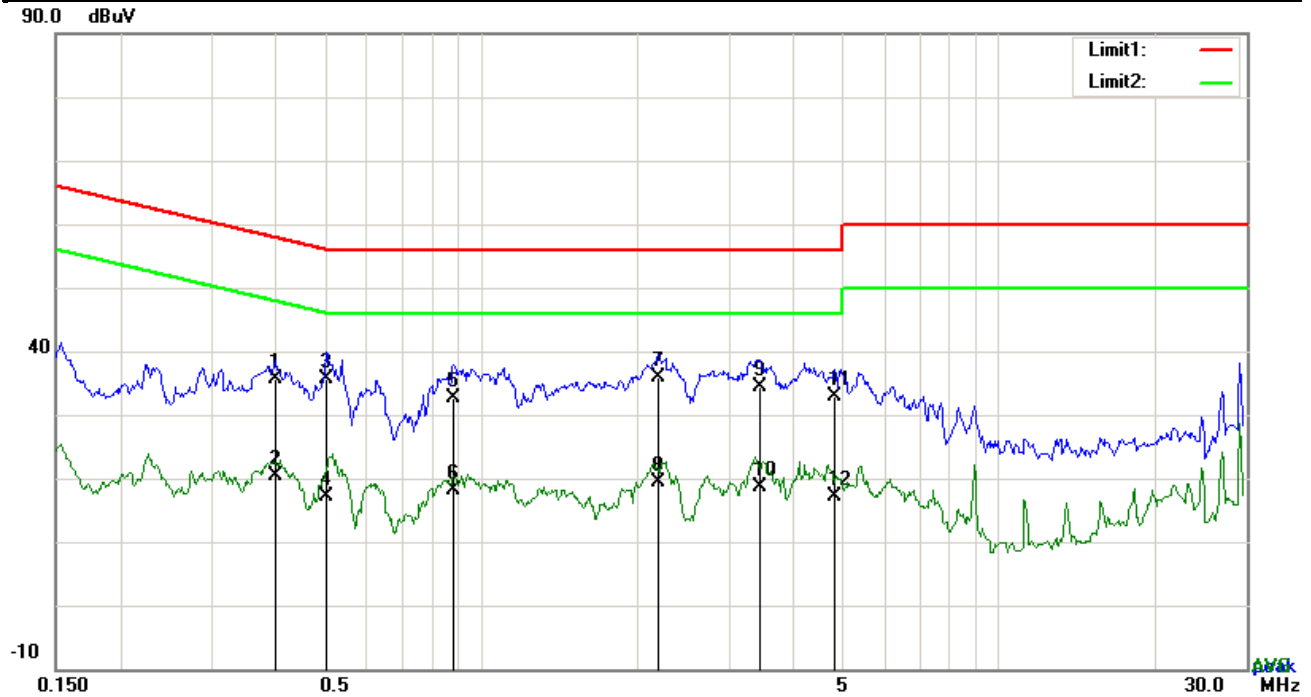
Test Data

Phase Neutral Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	N	0.1617	37.92	QP	10.02	47.94	65.38	-17.44
2	N	0.1617	18.68	AVG	10.02	28.70	55.38	-26.68
3	N	0.2280	34.73	QP	10.02	44.75	62.52	-17.77
4	N	0.2280	12.02	AVG	10.02	22.04	52.52	-30.48
5	N	0.4397	31.18	QP	10.02	41.20	57.07	-15.87
6	N	0.4397	10.61	AVG	10.02	20.63	47.07	-26.44
7	N	0.9417	25.58	QP	10.03	35.61	56.00	-20.39
8	N	0.9417	5.36	AVG	10.03	15.39	46.00	-30.61
9	N	3.1521	21.54	QP	10.05	31.59	56.00	-24.41
10	N	3.1521	13.67	AVG	10.05	23.72	46.00	-22.28
11	N	15.5385	22.84	QP	10.21	33.05	60.00	-26.95
12	N	15.5385	11.24	AVG	10.21	21.45	50.00	-28.55

Screen 2 :

Test Mode 2: MP4 Mode

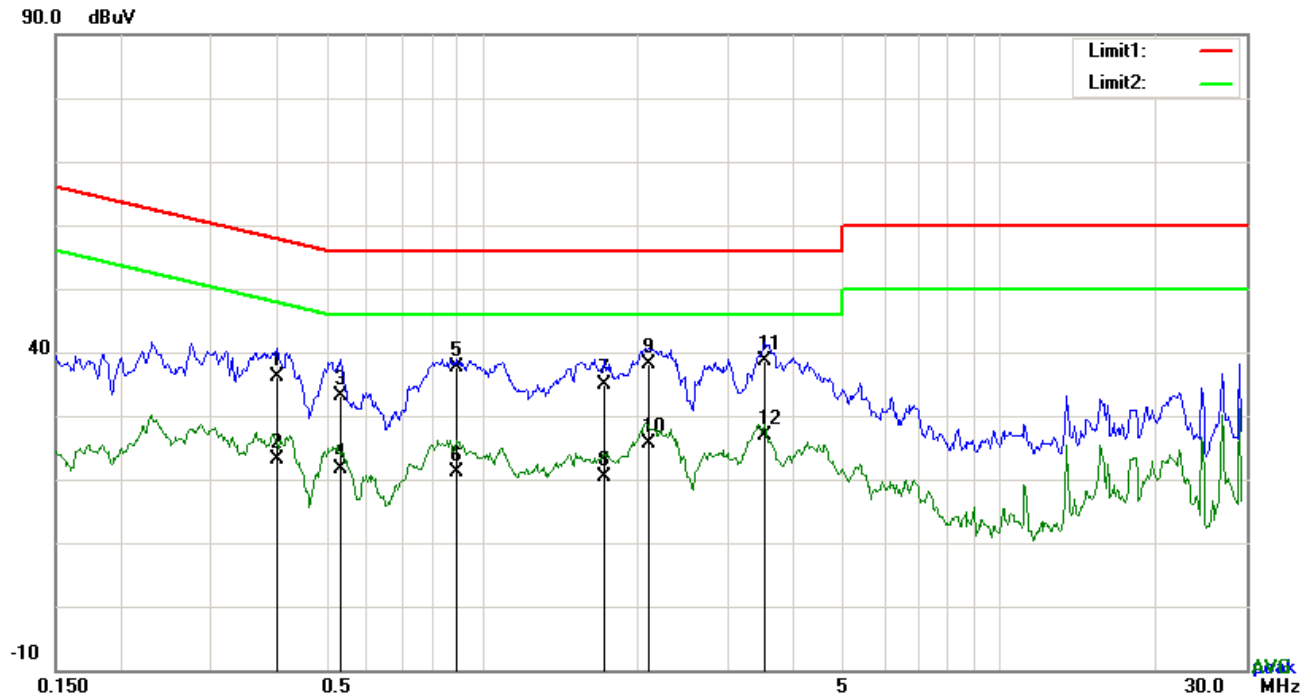


Test Data

Phase Line Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	L1	0.3996	25.61	QP	10.03	35.64	57.86	-22.22
2	L1	0.3996	10.44	AVG	10.03	20.47	47.86	-27.39
3	L1	0.5010	25.67	QP	10.03	35.70	56.00	-20.30
4	L1	0.5010	7.11	AVG	10.03	17.14	46.00	-28.86
5	L1	0.8803	22.52	QP	10.03	32.55	56.00	-23.45
6	L1	0.8803	7.99	AVG	10.03	18.02	46.00	-27.98
7	L1	2.2014	25.90	QP	10.05	35.95	56.00	-20.05
8	L1	2.2014	9.29	AVG	10.05	19.34	46.00	-26.66
9	L1	3.4368	24.28	QP	10.06	34.34	56.00	-21.66
10	L1	3.4368	8.54	AVG	10.06	18.60	46.00	-27.40
11	L1	4.7979	22.79	QP	10.08	32.87	56.00	-23.13
12	L1	4.7979	7.13	AVG	10.08	17.21	46.00	-28.79

Test Mode 2: MP4 Mode

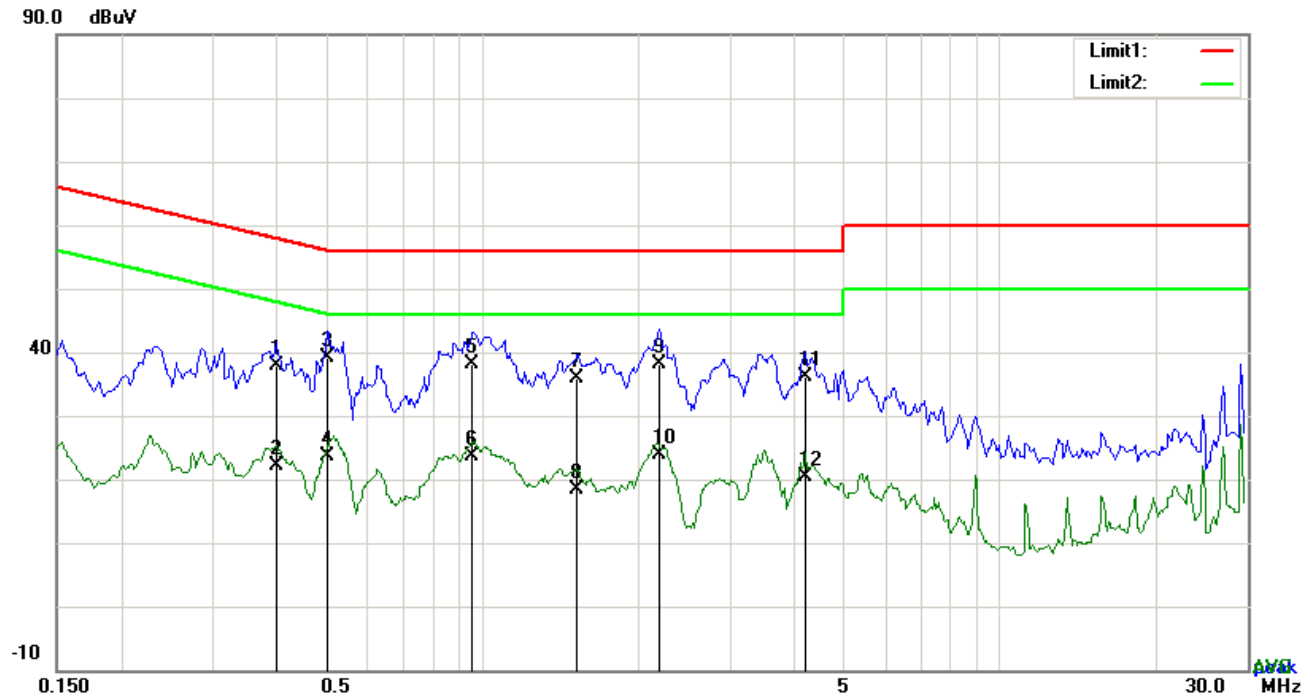


Test Data

Phase Neutral Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	N	0.4035	26.20	QP	10.02	36.22	57.78	-21.56
2	N	0.4035	13.14	AVG	10.02	23.16	47.78	-24.62
3	N	0.5322	23.16	QP	10.02	33.18	56.00	-22.82
4	N	0.5322	11.67	AVG	10.02	21.69	46.00	-24.31
5	N	0.8910	27.64	QP	10.03	37.67	56.00	-18.33
6	N	0.8910	11.08	AVG	10.03	21.11	46.00	-24.89
7	N	1.7217	24.85	QP	10.04	34.89	56.00	-21.11
8	N	1.7217	10.30	AVG	10.04	20.34	46.00	-25.66
9	N	2.1078	28.05	QP	10.04	38.09	56.00	-17.91
10	N	2.1078	15.57	AVG	10.04	25.61	46.00	-20.39
11	N	3.5092	28.46	QP	10.06	38.52	56.00	-17.48
12	N	3.5092	16.81	AVG	10.06	26.87	46.00	-19.13

Test Mode 2: MP4 Mode

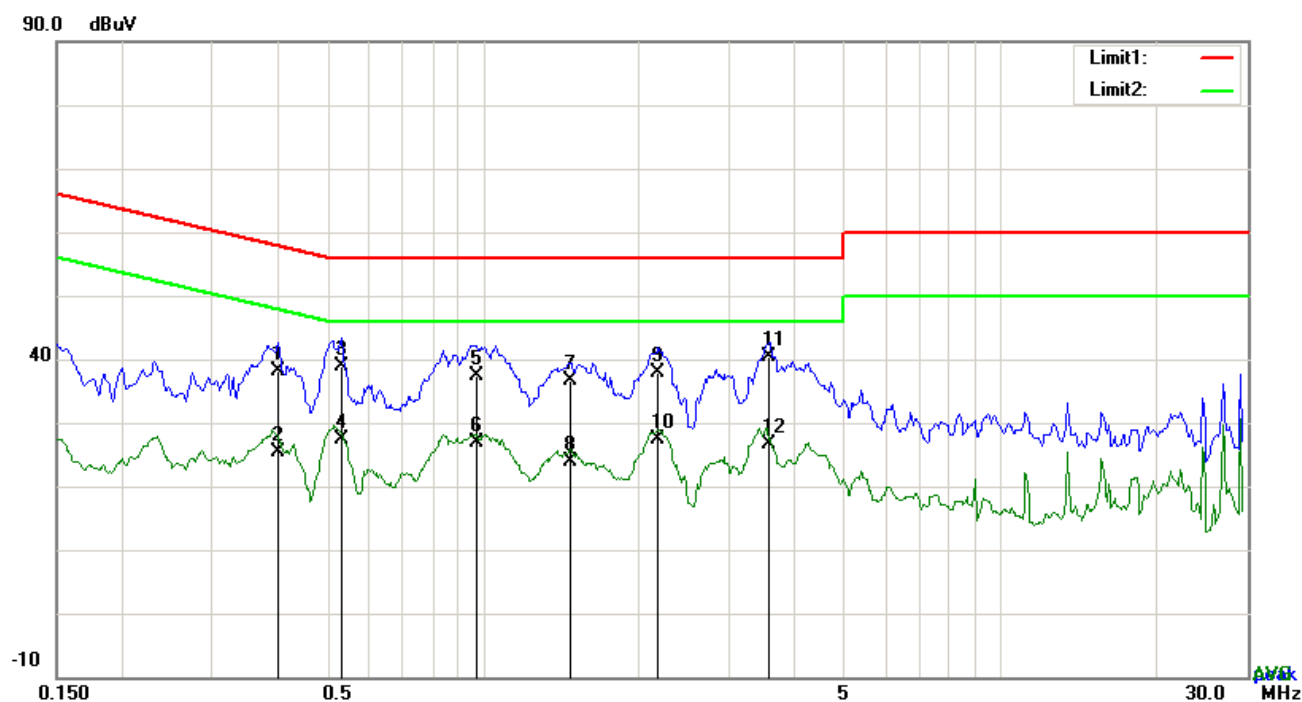


Test Data

Phase Line Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	L1	0.3996	27.79	QP	10.03	37.82	57.86	-20.04
2	L1	0.3996	12.13	AVG	10.03	22.16	47.86	-25.70
3	L1	0.5010	29.05	QP	10.03	39.08	56.00	-16.92
4	L1	0.5010	13.49	AVG	10.03	23.52	46.00	-22.48
5	L1	0.9534	28.14	QP	10.03	38.17	56.00	-17.83
6	L1	0.9534	13.54	AVG	10.03	23.57	46.00	-22.43
7	L1	1.5267	25.89	QP	10.04	35.93	56.00	-20.07
8	L1	1.5267	8.39	AVG	10.04	18.43	46.00	-27.57
9	L1	2.2014	28.16	QP	10.05	38.21	56.00	-17.79
10	L1	2.2014	13.79	AVG	10.05	23.84	46.00	-22.16
11	L1	4.2051	25.96	QP	10.07	36.03	56.00	-19.97
12	L1	4.2051	10.22	AVG	10.07	20.29	46.00	-25.71

Test Mode 2: MP4 Mode



Test Data


Phase Neutral Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	N	0.4035	28.20	QP	10.02	38.22	57.78	-19.56
2	N	0.4035	15.38	AVG	10.02	25.40	47.78	-22.38
3	N	0.5322	28.98	QP	10.02	39.00	56.00	-17.00
4	N	0.5322	17.25	AVG	10.02	27.27	46.00	-18.73
5	N	0.9735	27.42	QP	10.03	37.45	56.00	-18.55
6	N	0.9735	16.86	AVG	10.03	26.89	46.00	-19.11
7	N	1.4760	26.57	QP	10.03	36.60	56.00	-19.40
8	N	1.4760	13.87	AVG	10.03	23.90	46.00	-22.10
9	N	2.1819	27.96	QP	10.04	38.00	56.00	-18.00
10	N	2.1819	17.29	AVG	10.04	27.33	46.00	-18.67
11	N	3.5811	30.31	QP	10.06	40.37	56.00	-15.63
12	N	3.5811	16.53	AVG	10.06	26.59	46.00	-19.41

6.2 Radiated Emissions

Temperature	23°C
Relative Humidity	56%
Atmospheric Pressure	1014mbar
Test date :	October 14, 2016
Tested By :	Loren Luo

Requirement(s):

Spec	Item	Requirement	Applicable	
47CFR§15.109(d)	a)	Except higher limit as specified elsewhere in other section, the emissions from the low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges		
		Frequency range (MHz)		Field Strength (µV/m)
		30 – 88		100
		88 – 216		150
		216 960		200
		Above 960		500

Test Setup	
------------	--

Procedure	<ol style="list-style-type: none"> The EUT was switched on and allowed to warm up to its normal operating condition. The test was carried out at the selected frequency points obtained from the EUT characterization. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: <ol style="list-style-type: none"> Vertical or horizontal polarization (whichever gave the higher emission level over a full rotation of the EUT) was chosen. The EUT was then rotated to the direction that gave the maximum
-----------	--

	<p>emission.</p> <p>c. Finally, the antenna height was adjusted to the height that gave the maximum emission.</p> <p>3. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi Peak detection at frequency below 1GHz.</p> <p>4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz with Peak detection for Peak measurement at frequency above 1GHz.</p> <p>The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth with Peak detection for Average Measurement as below at frequency above 1GHz.</p> <p>■ 1 kHz (Duty cycle < 98%) □ 10 Hz (Duty cycle > 98%)</p> <p>5. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.</p>
Remark	
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Test Data ☒ Yes ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Screen 1& Screen 2

Test Mode 1:	USB Mode
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Test Mode 2:	MP4 Mode
--------------	----------

Test Mode 3:	Camera Mode
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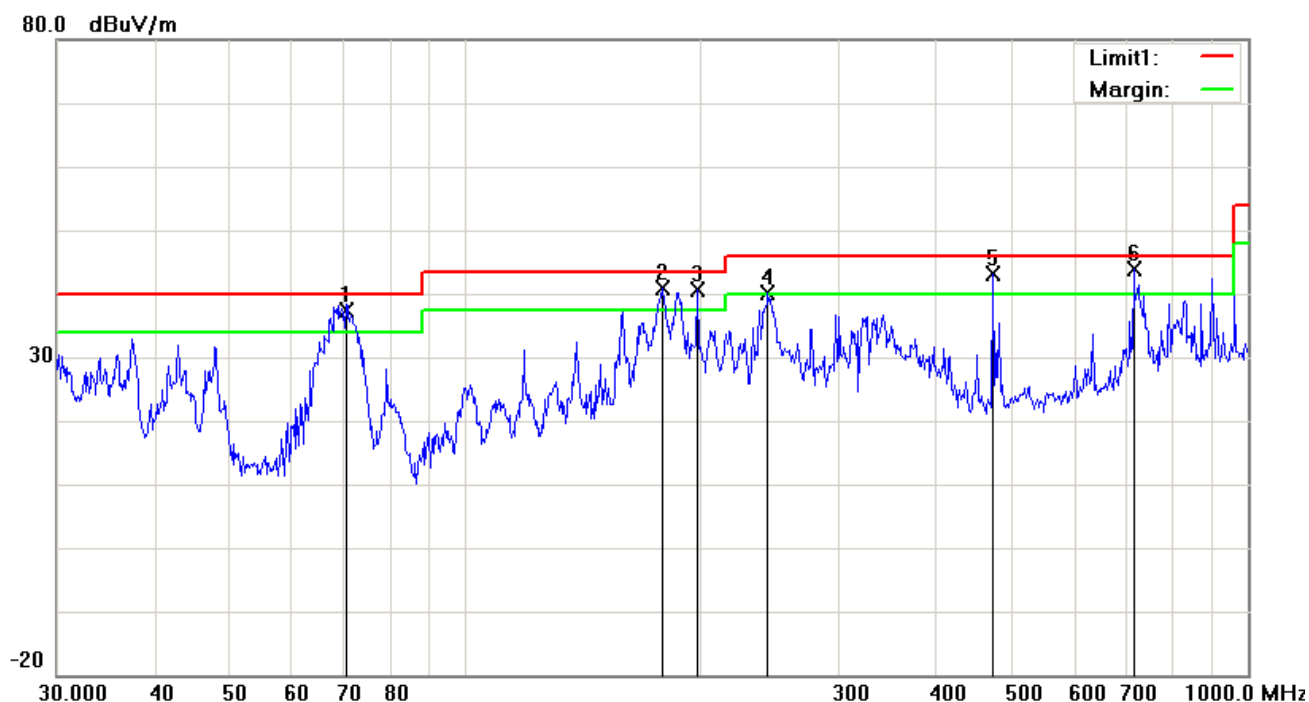
Test Mode 4:	SD Card Mode
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All modes were investigated. The test result only show the worst case as below.

Screen 1 :

Test Mode 1: USB Mode

Below 1GHz

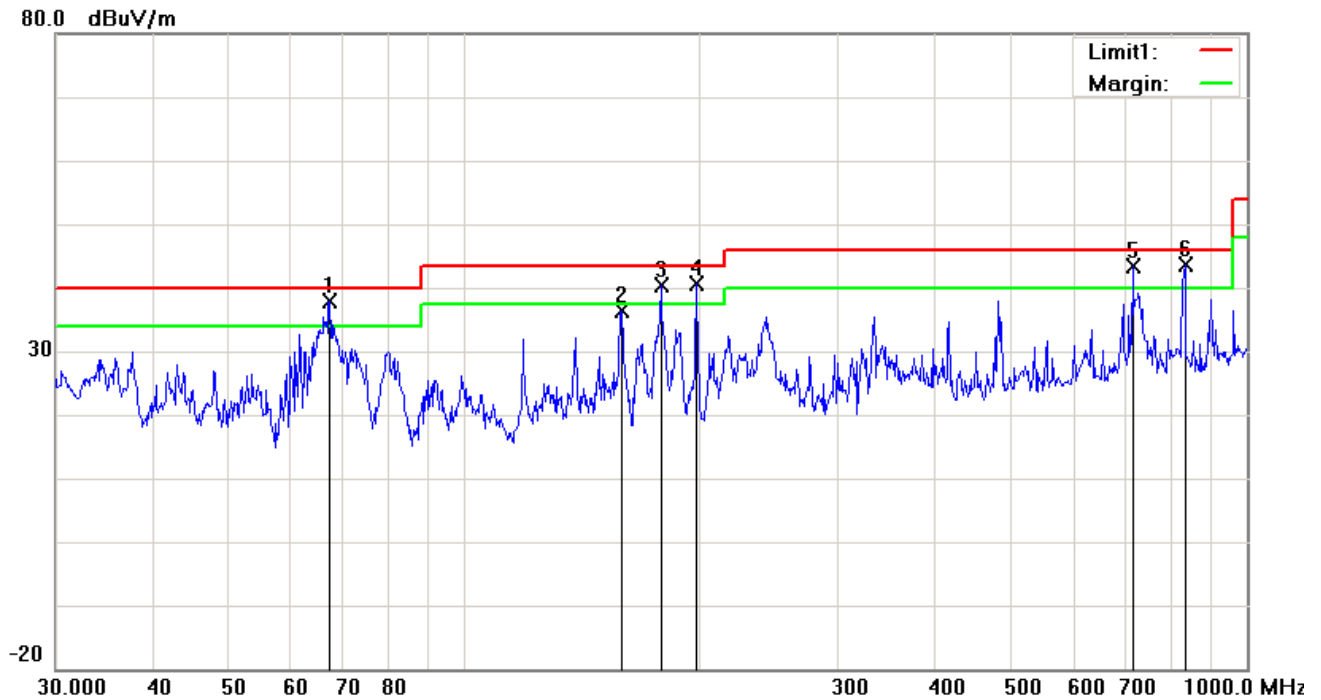


Test Data

Horizontal Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	()
1	H	70.3365	50.91	QP	-13.61	37.30	40.00	-2.70	100	167
2	H	178.1327	50.61	QP	-9.74	40.87	43.50	-2.63	100	45
3	H	197.8928	49.37	QP	-8.85	40.52	43.50	-2.98	100	246
4	H	243.3772	49.34	QP	-9.13	40.21	46.00	-5.79	100	112
5	H	472.1760	45.52	QP	-2.47	43.05	46.00	-2.95	100	92
6	H	714.1734	42.31	QP	1.67	43.98	46.00	-2.02	100	103

Below 1GHz



Test Data

Vertical Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	()
1	V	67.2022	51.65	QP	-13.81	37.84	40.00	-2.16	100	41
2	V	158.6677	44.59	peak	-8.30	36.29	43.50	-7.21	100	68
3	V	178.1327	50.17	QP	-9.74	40.43	43.50	-3.07	100	205
4	V	197.8928	49.36	QP	-8.85	40.51	43.50	-2.99	100	128
5	V	714.1734	41.64	QP	1.67	43.31	46.00	-2.69	100	317
6	V	833.3171	40.00	QP	3.61	43.61	46.00	-2.39	100	119

Above 1GHz

Frequency (MHz)	Amplitude (dBμV/m)	Azimuth	Height (cm)	Polarity (H/V)	Factors (dB)	Limit (dBμV/m)	Margin (dB)	Detector (PK/AV)
1065.07	53.02	54	162	V	-22.21	74	-20.98	PK
1346.32	56.88	108	127	V	-22.33	74	-17.12	PK
1881.68	55.46	88	163	V	-22.65	74	-18.54	PK
2099.13	52.15	76	235	H	-22.84	74	-21.85	PK
2337.21	56.21	124	217	H	-22.56	74	-17.79	PK
1911.43	54.96	138	142	H	-22.71	74	-19.04	PK

Note1: The highest frequency of the EUT is 2480 MHz, so the testing has been conformed to $5 \times 2472 \text{ MHz} = 12,360 \text{ MHz}$.

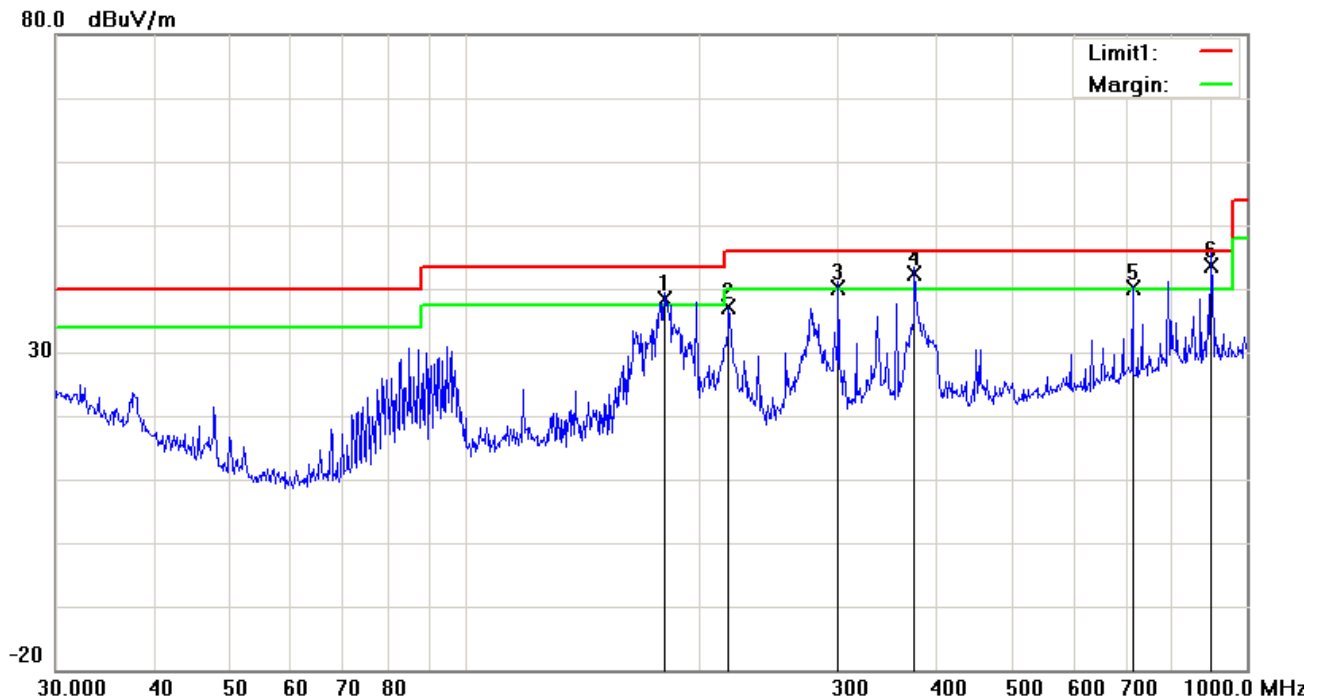
Note2: The frequency that above 3GHz is mainly from the environment noise.

Note3: The AV measurement performed, more than 20dB below limit so AV test data was not presented.

Screen 2

Test Mode 2: MP4 Mode

Below 1GHz

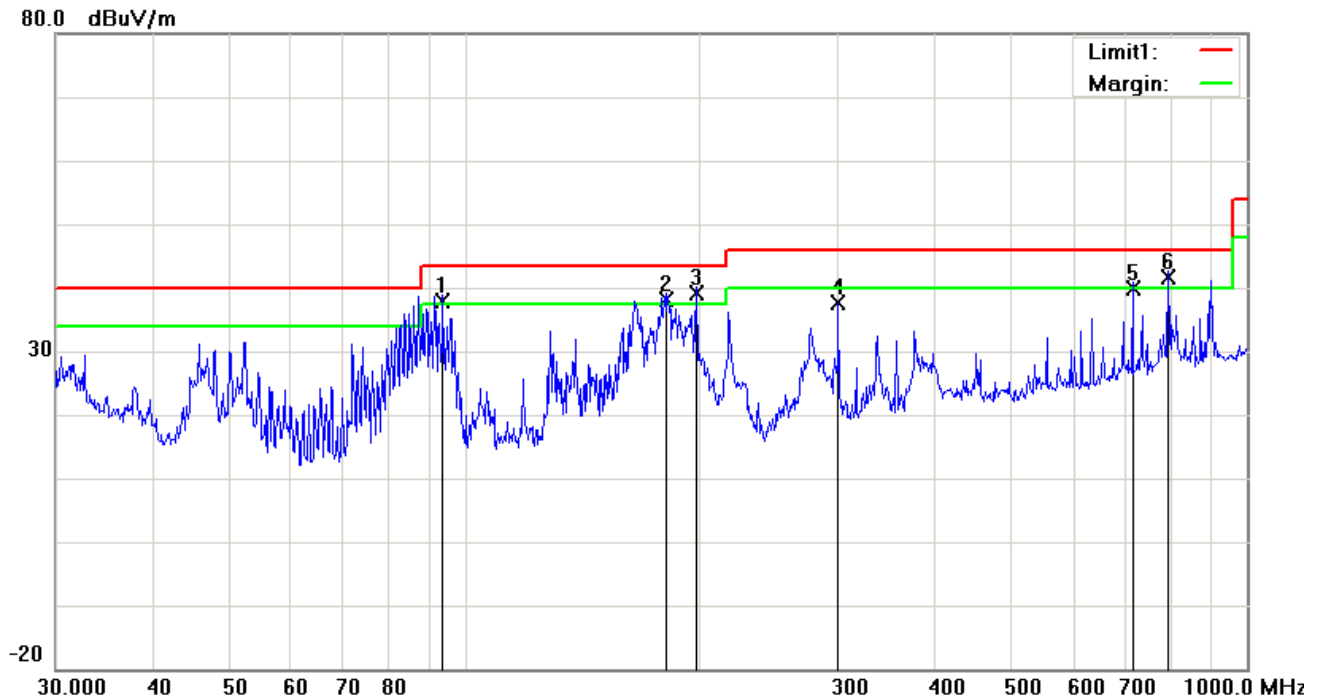


Test Data

Horizontal Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	()
1	H	180.0165	48.16	QP	-9.89	38.27	43.50	-5.23	100	12
2	H	217.5443	45.97	peak	-8.90	37.07	46.00	-8.93	100	147
3	H	300.3673	46.98	QP	-6.89	40.09	46.00	-5.91	100	67
4	H	375.9385	47.18	QP	-4.87	42.31	46.00	-3.69	100	54
5	H	714.1734	38.47	QP	1.67	40.14	46.00	-5.86	100	100
6	H	900.1474	38.83	QP	4.69	43.52	46.00	-2.48	100	83

Below 1GHz



Test Data

Vertical Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	()
1	V	93.7685	50.30	QP	-12.44	37.86	43.50	-5.64	100	41
2	V	181.2834	47.82	QP	-9.81	38.01	43.50	-5.49	100	164
3	V	197.8928	48.00	QP	-8.85	39.15	43.50	-4.35	100	125
4	V	300.3673	44.44	peak	-6.89	37.55	46.00	-8.45	100	177
5	V	714.1734	38.31	QP	1.67	39.98	46.00	-6.02	100	98
6	V	793.3960	38.57	QP	3.11	41.68	46.00	-4.32	100	201

Above 1GHz

Frequency (MHz)	Amplitude (dBμV/m)	Azimuth	Height (cm)	Polarity (H/V)	Factors (dB)	Limit (dBμV/m)	Margin (dB)	Detector (PK/AV)
1157.12	53.66	59	146	V	-22.12	74	-20.34	PK
1335.39	58.52	123	171	V	-22.31	74	-15.48	PK
1800.66	54.91	88	132	V	-22.67	74	-19.09	PK
2123.52	53.43	95	256	H	-22.85	74	-20.57	PK
2402.36	55.42	107	214	H	-22.46	74	-18.58	PK
1976.43	55.07	133	192	H	-22.77	74	-18.93	PK

Note1: The highest frequency of the EUT is 2480 MHz, so the testing has been conformed to $5 \times 2472 \text{ MHz} = 12,360 \text{ MHz}$.

Note2: The frequency that above 3GHz is mainly from the environment noise.

Note3: The AV measurement performed, more than 20dB below limit so AV test data was not presented.

Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due	In use
AC Line Conducted Emissions					
EMI test receiver	ESCS30	8471241027	09/16/2016	09/15/2017	<input checked="" type="checkbox"/>
Line Impedance Stabilization Network	LI-125A	191106	09/24/2016	09/23/2017	<input checked="" type="checkbox"/>
Line Impedance Stabilization Network	LI-125A	191107	09/24/2016	09/23/2017	<input checked="" type="checkbox"/>
LISN	ISN T800	34373	09/24/2016	09/23/2017	<input checked="" type="checkbox"/>
Transient Limiter	LIT-153	531118	08/31/2016	08/30/2017	<input checked="" type="checkbox"/>
Radiated Emissions					
EMI test receiver	ESL6	100262	09/16/2016	09/15/2017	<input checked="" type="checkbox"/>
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	08/31/2016	08/30/2017	<input checked="" type="checkbox"/>
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/24/2016	03/23/2017	<input checked="" type="checkbox"/>
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/20/2016	09/19/2017	<input checked="" type="checkbox"/>
Double Ridge Horn Antenna	AH-118	71259	09/23/2016	09/22/2017	<input checked="" type="checkbox"/>

Annex B. EUT And Test Setup Photographs

Annex B.i. Photograph: EUT External Photo



Whole Package View



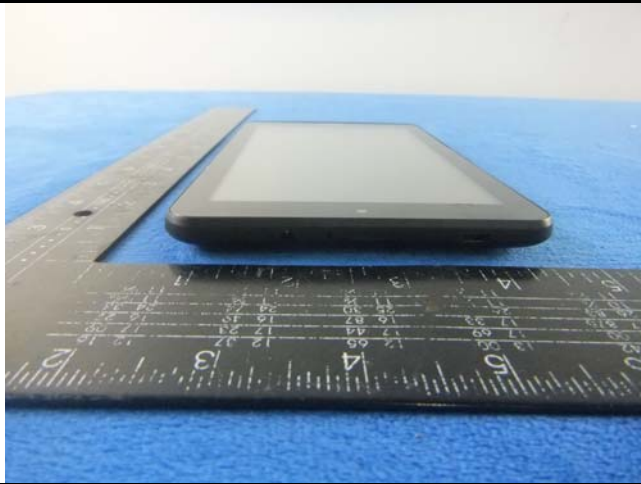
Adapter - Front View



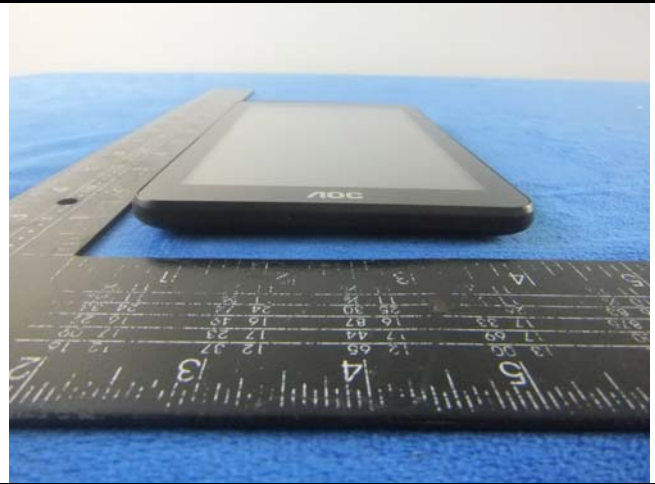
EUT - Front View



EUT - Rear View



EUT - Top View



EUT - Bottom View



EUT - Left View



EUT - Right View

Annex B.ii. Photograph: EUT Internal Photo



Cover Off - Top View 1



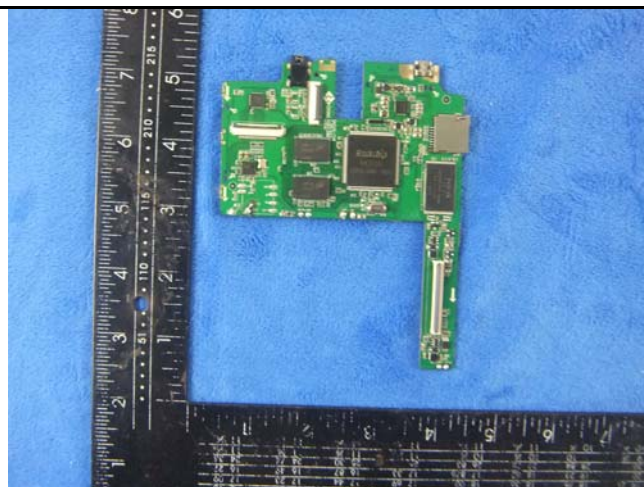
Cover Off - Top View 2



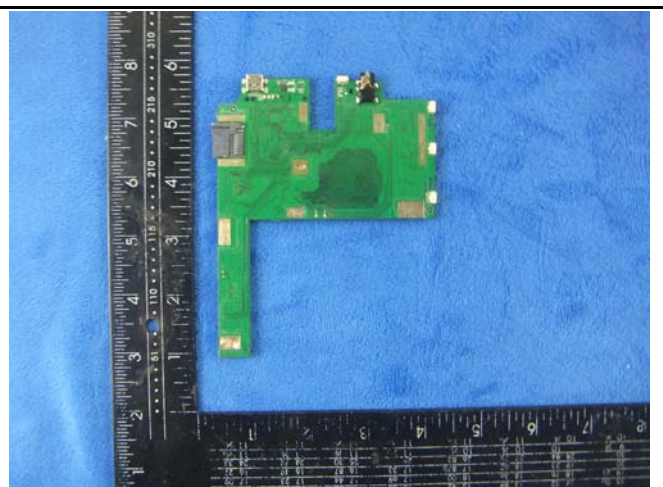
Battery - Front View



Battery - Rear View

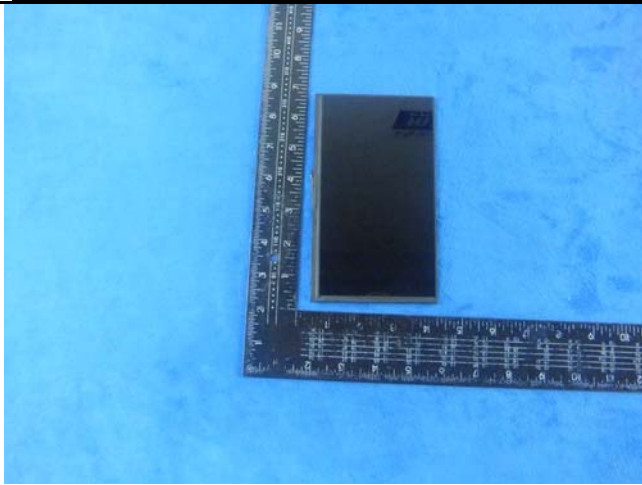


Mainboard - Front View



Mainboard - Rear View

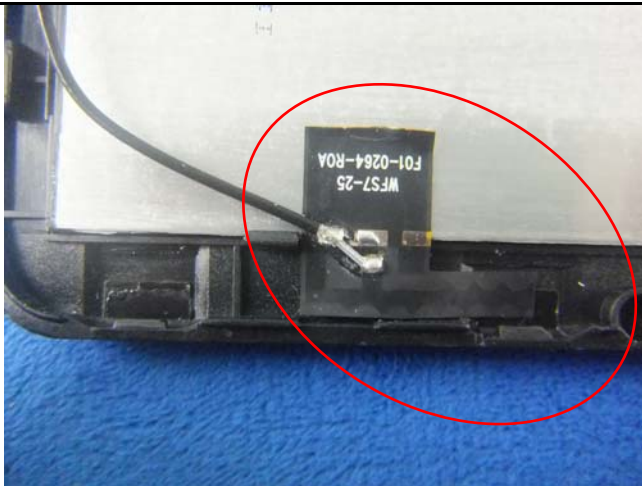
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LCD – Front View



LCD – Rear View



BT/WIFI Antenna View

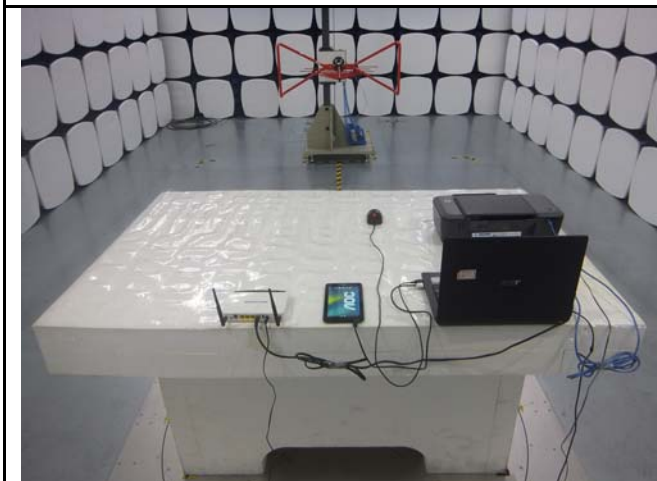
Annex B.iii. Photograph: Test Setup Photo



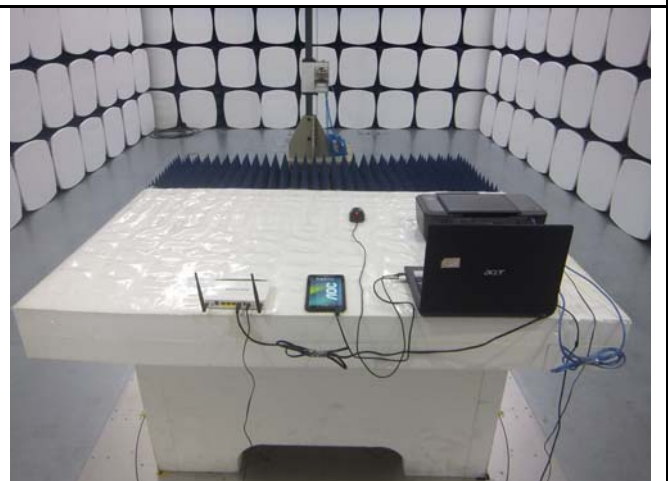
Conducted Emissions Test Setup – Front View



Conducted Emissions Test Setup – Side View



Radiated Emissions Test Setup Below 1GHz

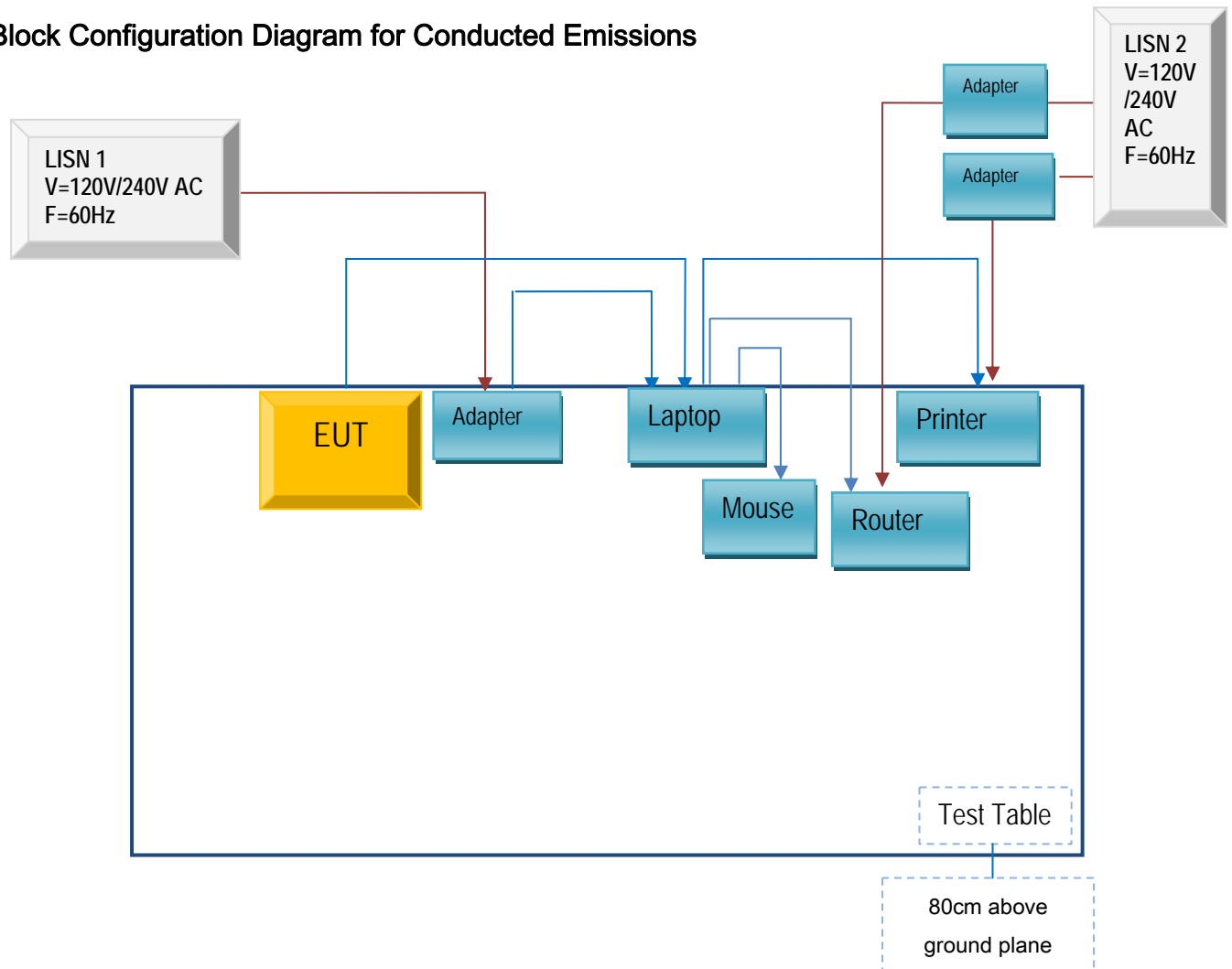


Radiated Emissions Test Setup Above 1GHz

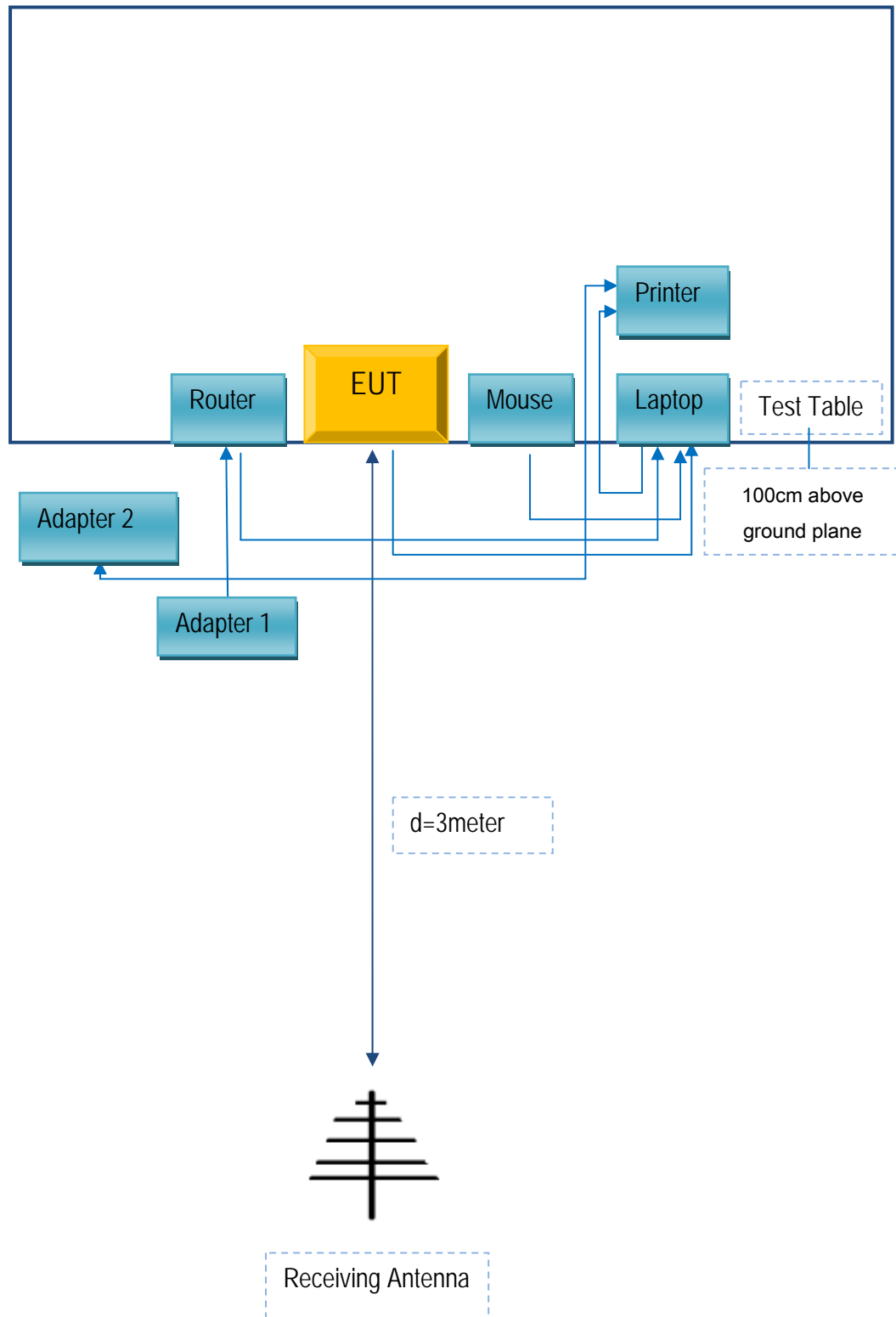
Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

Annex C.ii. TEST SET UP BLOCK

Block Configuration Diagram for Conducted Emissions



Block Configuration Diagram for Radiated Emissions



Annex C. ii. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Supporting Equipment:

Manufacturer	Equipment Description	Model	Serial No
Lenovo	Laptop	E40	LR-1EHRX
GOLDWEB	Router	R102	1202032094
AOC	Adapter	SC/5WM500100-US	A72S
Lenovo	AC Adapter	42T4416	21D9JU
HP	Printer	VCVRA-1003	CN36M19JWX
DELL	Mouse	E100	912NMTUT41481
BULL	Socket	GN-403	GN201203

Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
USB Cable	Un-shielding	No	2m	JX120051274
USB Cable	Un-shielding	No	2m	JX110725002
RJ45 Cable	Un-shielding	No	2m	KX156327541
Router Power cable	Un-shielding	No	2m	13274630Z
Printer Power cable	Un-shielding	No	2m	127581031
Power Cable	Un-shielding	No	0.8m	GT211032

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Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see attachment

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Annex E. DECLARATION OF SIMILARITY

N/A