

FCC

EMC

TEST REPORT

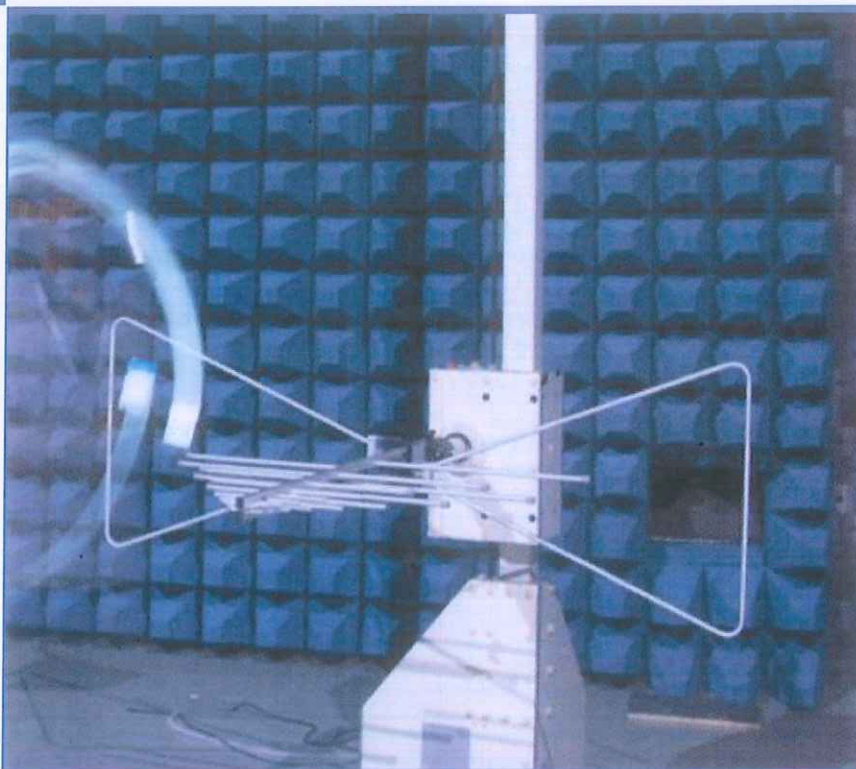
ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Tablet

ISSUED TO
AOC

14F-5, NO.258, Liancheng Rd., Zhonghe Dist., New Taipei
City, Taiwan, China



Tested by: Xia Long
Xia Long
(Engineer)

Date: Oct. 30, 2017

Approved by: Wei Yanquan
Wei Yanquan
(Chief Engineer)

Date: Oct. 30, 2017

Report No.: BL-SZ1780425-401

EUT Name: Tablet

Model Name: A731T

Brand Name: AOC

Test Standard: 47 CFR Part 15 Subpart B

FCC ID: 2AEB5-A726W

Test Conclusion: Pass

Test Date: Sep. 26, 2017 ~ Sep. 30, 2017

Date of Issue: Oct. 30, 2017

NOTE: This test report of test results only related to testing samples, which can be duplicated completely for the legal use with the approval of the applicant; it shall not be reproduced except in full, without the written approval of Shenzhen BALUN Technology Co., Ltd. BALUN Laboratory. Any objections should be raised within thirty days from the date of issue. To validate the report, please contact us.

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Oct. 30, 2017</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1	GENERAL INFORMATION.....	4
1.1	Identification of the Testing Laboratory.....	4
1.2	Identification of the Responsible Testing Location.....	4
1.3	Laboratory Condition.....	4
1.4	Announce.....	4
2	PRODUCT INFORMATION.....	5
2.1	Applicant Information.....	5
2.2	Manufacturer Information.....	5
2.3	Factory Information.....	5
2.4	General Description for Equipment under Test (EUT).....	5
2.5	Ancillary Equipment.....	6
2.6	Technical Information.....	6
3	SUMMARY OF TEST RESULTS.....	7
3.1	Test Standards.....	7
3.2	Verdict.....	7
3.3	Test Uncertainty.....	7
4	GENERAL TEST CONFIGURATIONS.....	8
4.1	Test Environments.....	8
4.2	Test Equipment List.....	8
4.3	Test Enclosure list.....	9
4.4	Test Configurations.....	10
4.5	Test Setups.....	11
4.6	Test Conditions.....	13
5	TEST ITEMS.....	14
5.1	Emission Tests.....	14
ANNEX A	TEST RESULTS.....	16

A.1	Radiated Emission.....	16
A.2	Conducted Emission.....	24
ANNEX B	TEST SETUP PHOTOS.....	28
ANNEX C	EUT EXTERNAL PHOTOS.....	28
ANNEX D	EUT INTERNAL PHOTOS.....	28

1 GENERAL INFORMATION

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co.,Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100
Fax Number	+86 755 6182 4271

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co.,Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	<p>The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1.</p> <p>The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.</p> <p>The laboratory is a testing organization accredited by American Association for Laboratory Accreditation(A2LA) according to ISO/IEC 17025.The accreditation certificate is 4344.01.</p> <p>The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.</p>
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

Ambient Temperature	20 to 25°C
Ambient Relative Humidity	45% - 55%
Ambient Pressure	100 kPa - 102 kPa

1.4 Announce

- (1) The test report refer to the BALUN report mode v6.5.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	AOC
Address	14F-5, NO.258, Liancheng Rd., Zhonghe Dist., New Taipei City, Taiwan, China

2.2 Manufacturer Information

Manufacturer	Shenzhen Chiptrip Technology Co., Ltd
Address	2nd floor, No.12, Chuangke Town , University Town, Taoyuan Street, Nanshan District, Shenzhen, China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Tablet
Model Name Under Test	A731T
Series Model Name	A731T, E732,A726W
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only different on Touch capacitance, Android version and CPU.
Hardware Version	F71NB-V02
Software Version	6.0.1
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
Network and Wireless connectivity	Bluetooth, WIFI

2.5 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	AOC
	Model No.	A726
	Serial No.	N/A
	Capacitance	2500 mAh
	Rated Voltage	3.7 V
	Limit Charge Voltage	4.2 V
Ancillary Equipment 2	Adapter	
	Brand Name	N/A
	Model No.	WLC0510UU
	Serial No.	N/A
	Rated Input	100-240 V~, 0.2 A, 50/60 Hz
	Rated Output	5 V=, 1.0 A
Ancillary Equipment 3	USB Cable	
	Length (Approx.)	0.8 m

2.6 Technical Information

Note: Not applicable.

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	FCC 47 CFR Part 15 Subpart B (10-1-16 Edition)	Unintentional Radiators
2	ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

3.2 Verdict

No.	Description	FCC Rule	Test Verdict	Result
1	Radiated Emission	15.109	Pass	Annex A .1
2	Conducted Emission, AC Ports	15.107	Pass	Annex A .2

3.3 Test Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Measurement	Value
Conducted emissions (9 kHz-30 MHz)	3.23 dB
Radiated emissions (30 MHz-1 GHz)	4.30 dB
Radiated emissions (1 GHz-18 GHz)	4.81 dB
Radiated emissions (18 GHz-40 GHz)	5.71 dB

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

Environment Parameter	Selected Values During Tests			
	Temperature	Voltage	Relative Humidity	Ambient Pressure
Normal Temperature, Normal Voltage (NTNV)	23°C~26°C	AC 120 V/60 Hz or DC 3.7 V from Battery	50%-55%	100 to 102 kPa

4.2 Test Equipment List

Radiated Emission Test For Frequency Below 1 GHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2017.06.22	2018.06.21	<input checked="" type="checkbox"/>
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-977	2016.07.19	2018.07.18	<input checked="" type="checkbox"/>
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	9120D-1600	2016.07.12	2018.07.11	<input type="checkbox"/>
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2016.08.09	2018.08.08	<input checked="" type="checkbox"/>

Radiated Emission Test For Frequency Above 1 GHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2016.09.09	2018.09.07	<input checked="" type="checkbox"/>
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2015.07.22	2018.07.20	<input type="checkbox"/>
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	9120D-1148	2015.07.22	2018.07.20	<input checked="" type="checkbox"/>
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2019.02.20	<input checked="" type="checkbox"/>

Conducted Emission Test						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2017.06.22	2018.06.21	<input checked="" type="checkbox"/>
LISN	SCHWARZBECK	NSLK 8127	8127-687	2017.06.22	2018.06.21	<input checked="" type="checkbox"/>
LISN	SCHWARZBECK	NNLK 8129	8129-462	2016.09.14	2018.09.12	<input type="checkbox"/>
AMN	SCHWARZBECK	NNBM8124	8124-509	2017.06.22	2018.06.21	<input type="checkbox"/>
AMN	SCHWARZBECK	NNBM8124	8124-510	2017.06.22	2018.06.21	<input type="checkbox"/>
ISN	TESEQ	ISN T800	34449	2017.06.22	2018.06.21	<input type="checkbox"/>
Shielded Enclosure	ChangNing	CN-130701	130703	N/A	N/A	<input checked="" type="checkbox"/>

4.3 Test Enclosure list

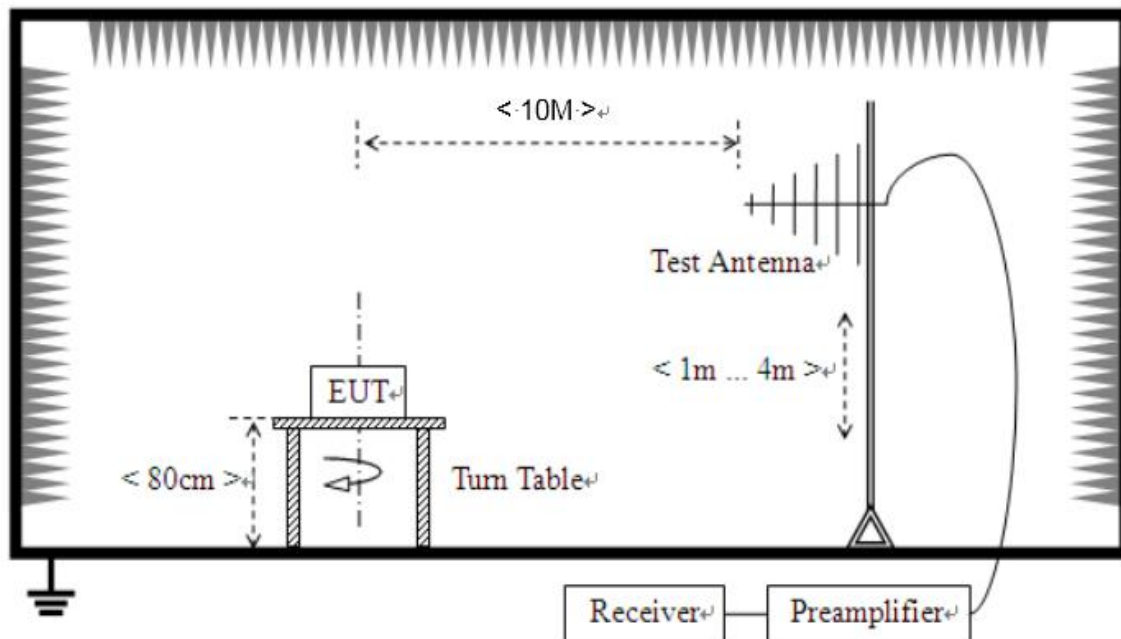
Description	Manufacturer	Model	Serial No.	Length	Description	Use
PC	Dell	015K3N	N/A	N/A	Special Handled	<input type="checkbox"/>
Laptop	Apple	A1465	N/A	N/A	N/A	<input checked="" type="checkbox"/>
Printer	HP	DESKJET 1000	N/A	N/A	N/A	<input type="checkbox"/>
Keyboard	Logitech	Y-BP62a	N/A	N/A	N/A	<input type="checkbox"/>
Mouse	Logitech	M100	N/A	N/A	N/A	<input type="checkbox"/>
USB disk	Kingston	N/A	N/A	N/A	N/A	<input type="checkbox"/>
TF Card	Kingston	N/A	N/A	N/A	N/A	<input type="checkbox"/>
VGA Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
HDMI Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
DVI Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
Coaxial video cable	N/A	N/A	N/A	2.0 m	Shielded with core	<input type="checkbox"/>
iPhone	Apple	A1586	N/A	N/A	N/A	<input type="checkbox"/>
Phone	MI	M4	N/A	N/A	N/A	<input type="checkbox"/>
Bluetooth Earphone	SAMSUNG	Gear Circle	N/A	N/A	N/A	<input type="checkbox"/>
GPS/GLONASS Vector signal generator	R&S	N5172B EXG	N/A	N/A	N/A	<input type="checkbox"/>
WIFI Router	TP-LINK	TL-WDR7500	N/A	N/A	N/A	<input checked="" type="checkbox"/>
Earphone	N/A	OPPO	N/A	1.1 m	N/A	<input checked="" type="checkbox"/>
Car Battery	Camel	55530	N/A	N/A	12 V/55 Ah	<input type="checkbox"/>
Artificial load	N/A	N/A	N/A	N/A	2.5 Ω/100 W	<input type="checkbox"/>
Artificial load	N/A	N/A	N/A	N/A	5 Ω/100 W	<input type="checkbox"/>
Electronic Load	ITECH	IT8511	N/A	N/A	N/A	<input type="checkbox"/>
USB Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
DC Power Supply	ITECH	IT6863A	60001401068 7210006	N/A	N/A	<input type="checkbox"/>
LCD Monitor	SAMSUNG	UA32C4000P	N/A	N/A	N/A	<input type="checkbox"/>
LCD Monitor	Dell	U241HB	N/A	N/A	N/A	<input type="checkbox"/>
RJ45 Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>

4.4 Test Configurations

Test Configurations (TC) No.	Description
TC01	<u>The Camera Test Mode</u> EUT + Adapter + USB Cable + Battery + Earphone + BT Link + WIFI Link
TC02	<u>The Video Play Test Mode</u> EUT + Adapter + USB Cable + Battery + Earphone + BT Link + WIFI Link
TC03	<u>The USB Data Test Mode</u> EUT + USB Cable + Battery + Earphone + Laptop

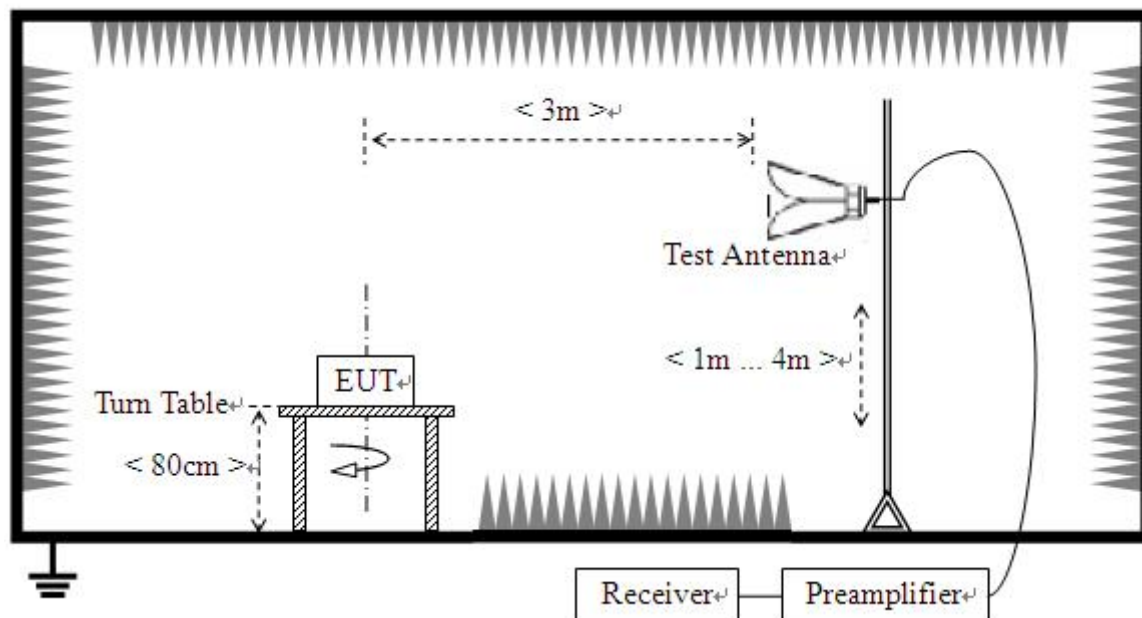
4.5 Test Setups

Test Setup 1



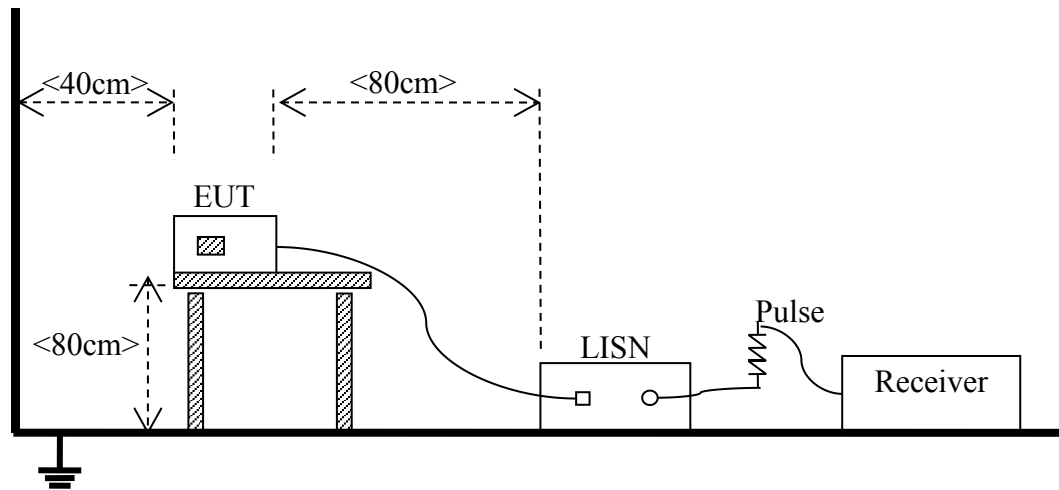
(For Radiated Emission Test (30 MHz-1 GHz))

Test Setup 2



(For Radiated Emission Test (above 1 GHz))

Test Setup 3



(For Conducted Emission, AC Ports Test)

4.6 Test Conditions

Test Case	Test Conditions	
Radiated Emission	Test Env.	NTNV
	Test Setup	Test Setup 1&2
	Test Configuration	TC01~TC03 ^{Note}
Conducted Emission, AC Ports	Test Env.	NTNV
	Test Setup	Test Setup 3
	Test Configuration	TC01~TC03 ^{Note}

Note: Based on client request, all normal using modes of the normal function were tested but only the worst test data of the worst mode is reported by this report. The Camera Test Mode is the worst mode in this report.

5 TEST ITEMS

5.1 Emission Tests

5.1.1 Radiated Emission

5.1.1.1 Limit

Frequency range (MHz)	Class B (at 3 m)		Class B (at 10 m)	Class A (at 10 m)	
	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)
30 - 88	100	40	30	90	39
88 - 216	150	43.5	33.5	150	43.5
216 - 960	200	46	36	210	46.4
Above 960	500	54	44	300	49.5

NOTE:

- 1) Field Strength (dB $\mu\text{V/m}$) = $20 \cdot \log$ [Field Strength ($\mu\text{V/m}$)].
- 2) In the emission tables above, the tighter limit applies at the band edges.

5.1.1.2 Test Setup

Refer to 4.5 section (test setup 1 to test setup 2) for radiated emission test, the photo of test setup please refer to ANNEX B.

5.1.1.3 Test Procedure

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

An initial pre-scan was performed in the chamber using the EMI Receiver in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by Bi-Log antenna with 2 orthogonal polarities.

5.1.1.4 Test Result

Please refer to ANNEX A.1.

5.1.2 Conducted Emission

5.1.2.1 Test Limit

Frequency range (MHz)	Class A	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	79	66
0.50 - 30	73	60

Frequency range (MHz)	Class B	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

NOTE:

- 1) The lower limit shall apply at the band edges.
- 2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50 MHz.

5.1.2.2 Test Setup

Refer to 4.5 section test (test setup 3) for conducted emission, the photo of test setup please refer to ANNEX B.

5.1.2.3 Test Procedure

The EUT is connected to the power mains through a LISN which provides 50 Ω /50 μ H of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.1.2.4 Test Result

Please refer to ANNEX A.2.

ANNEX A TEST RESULTS

A.1 Radiated Emission

Note 1: The symbol of “--” in the table which means not application.

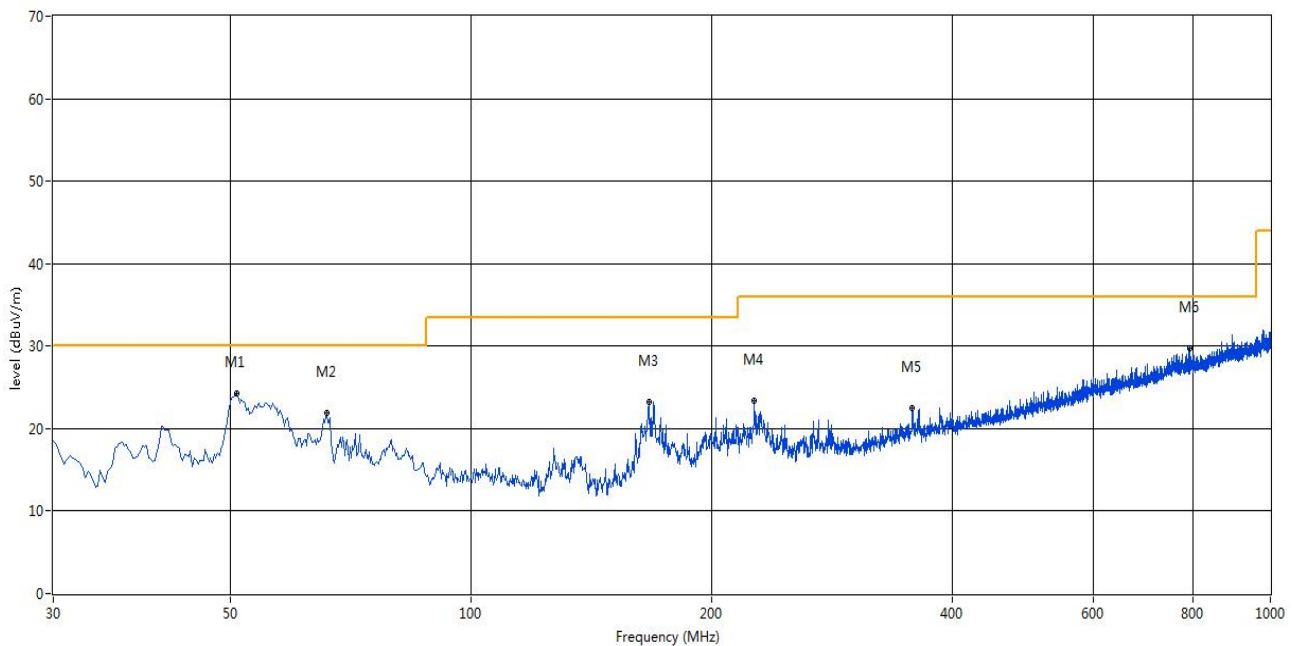
Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The marked spikes near 2400 MHz with circle should be ignored because they are Bluetooth carrier frequency.

Test Data and Plots

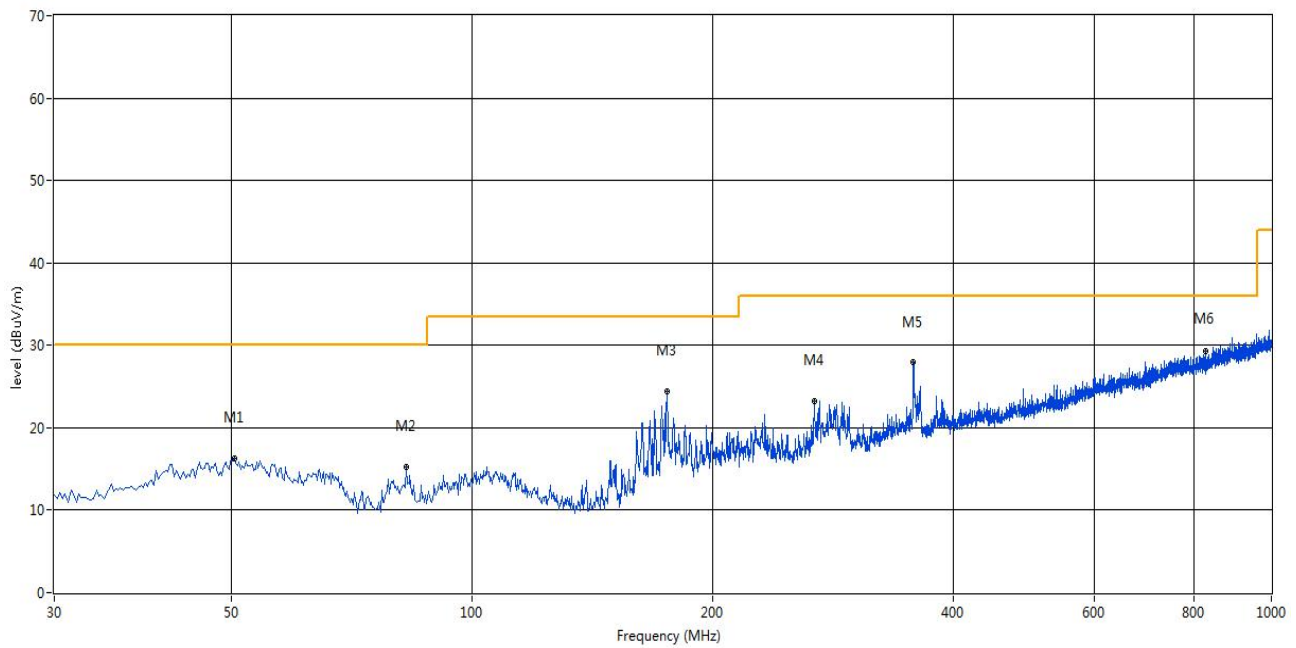
The Camera Test Mode

A.1.1 Test Antenna Vertical, 30 MHz – 1 GHz



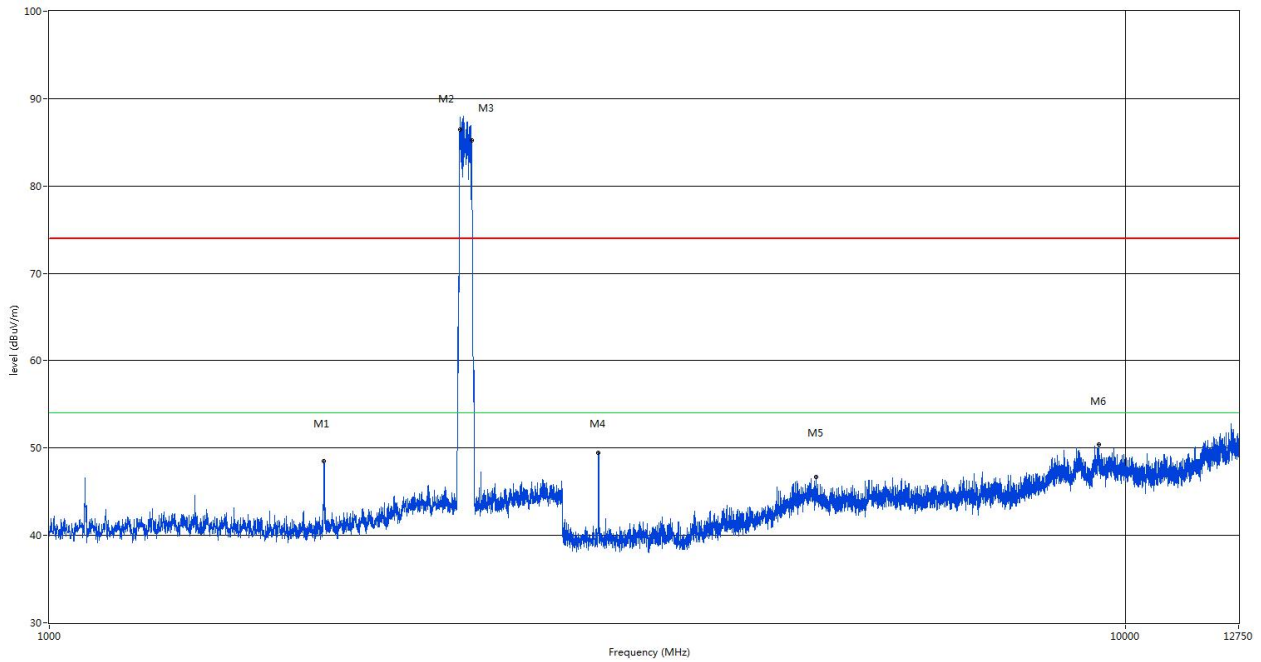
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	50.855	24.29	-19.07	30.0	5.71	Peak	240.00	200	Vertical	Pass
2	65.890	21.92	-21.13	30.0	8.08	Peak	352.00	100	Vertical	Pass
3	166.770	23.25	-22.31	33.5	10.25	Peak	217.00	200	Vertical	Pass
4	225.940	23.41	-18.73	36.0	12.59	Peak	181.00	100	Vertical	Pass
5	356.405	22.53	-14.56	36.0	13.47	Peak	277.00	100	Vertical	Pass
6	791.692	29.79	-6.34	36.0	6.21	Peak	263.00	100	Vertical	Pass

A.1.2 Test Antenna Horizontal, 30 MHz – 1 GHz



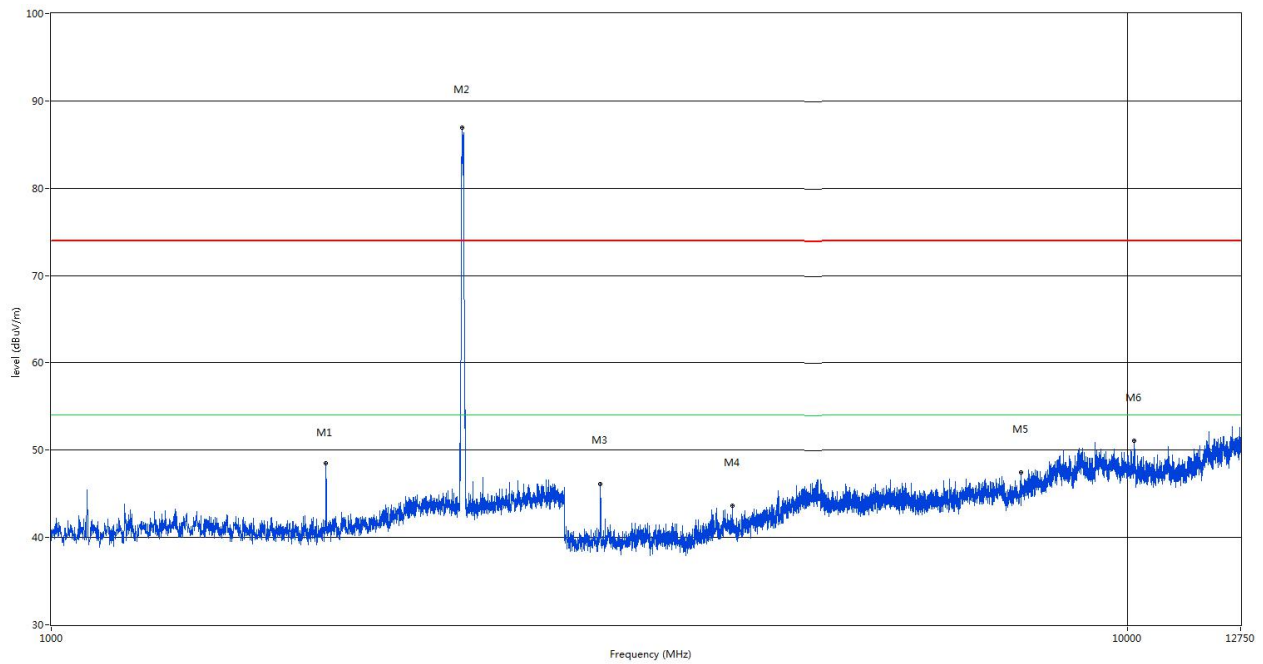
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	50.370	16.25	-19.08	30.0	13.75	Peak	84.00	100	Horizontal	Pass
2	82.622	15.25	-24.14	30.0	14.75	Peak	2.00	200	Horizontal	Pass
3	175.258	24.47	-21.83	33.5	9.03	Peak	1.00	200	Horizontal	Pass
4	268.135	23.20	-17.27	36.0	12.80	Peak	6.00	200	Horizontal	Pass
5	356.162	27.90	-14.55	36.0	8.10	Peak	2.00	200	Horizontal	Pass
6	828.068	29.29	-6.00	36.0	6.71	Peak	338.00	100	Horizontal	Pass

A.1.3 Test Antenna Vertical, 1 GHz – 6 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1800.500	48.52	-5.00	74.0	25.48	Peak	283.80	100	Vertical	Pass
2	2408.000	86.49	-1.81	74.0	-12.49	Peak	158.20	100	Vertical	N/A
3	2469.000	85.18	-2.12	74.0	-11.18	Peak	17.50	100	Vertical	N/A
4	3240.000	49.47	6.80	74.0	24.53	Peak	318.30	100	Vertical	Pass
5	5158.000	46.69	13.35	74.0	27.31	Peak	234.30	100	Vertical	Pass
6	9450.937	50.37	18.69	74.0	23.63	Peak	347.80	100	Vertical	Pass

A.1.4 Test Antenna Horizontal, 1 GHz – 6 GHz

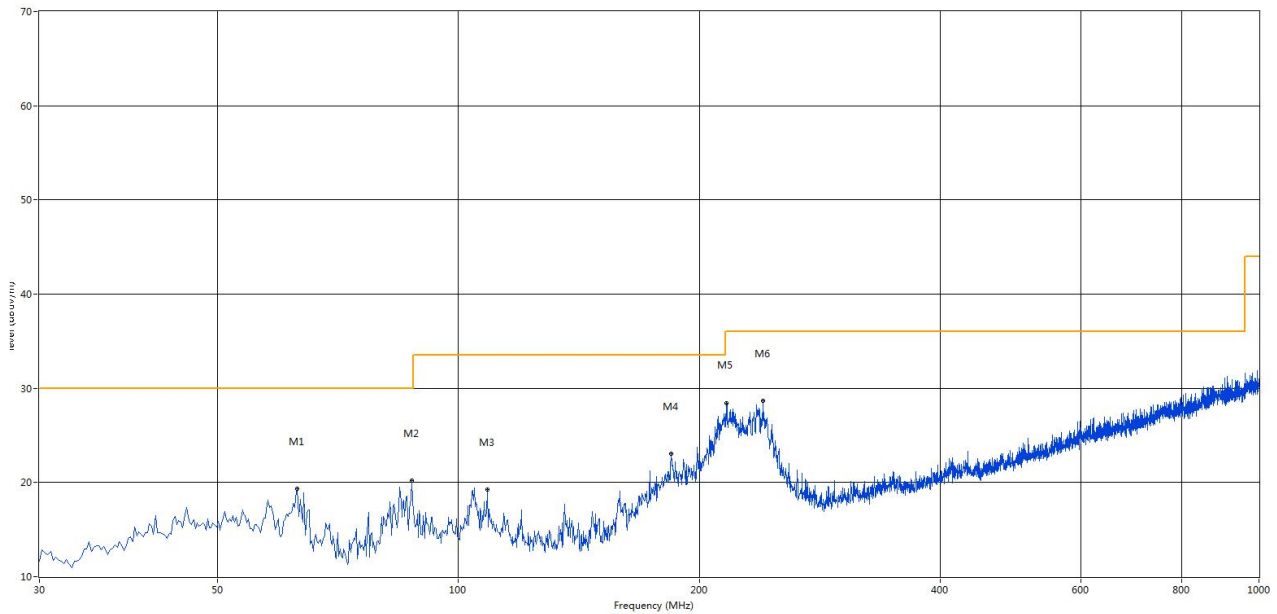


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1800.000	48.48	-4.98	74.0	25.52	Peak	286.60	100	Horizontal	Pass
2	2408.500	86.93	-1.82	74.0	-12.93	Peak	84.40	100	Horizontal	N/A
3	3240.000	46.14	6.80	74.0	27.86	Peak	356.90	100	Horizontal	Pass
4	4296.000	43.60	9.85	74.0	30.40	Peak	0.30	100	Horizontal	Pass
5	7963.125	47.46	14.73	74.0	26.54	Peak	17.60	100	Horizontal	Pass
6	10149.562	51.05	18.66	74.0	22.95	Peak	314.40	100	Horizontal	Pass

Test Data and Plots

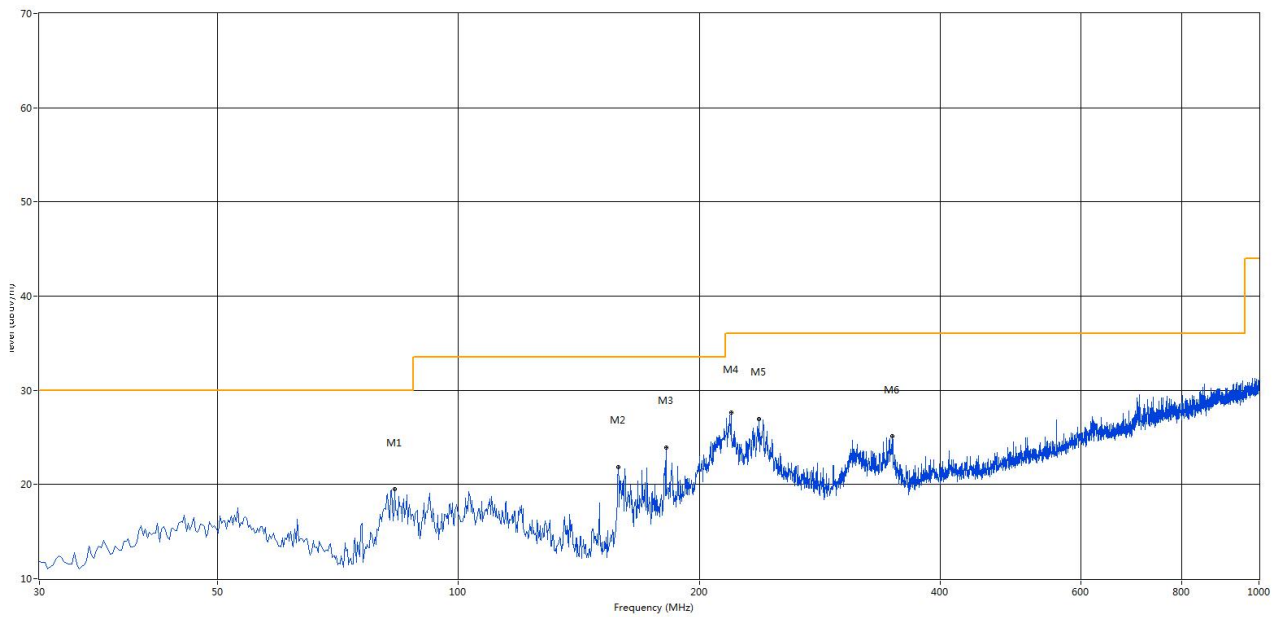
The USB Data Test Mode

A.1.5 Test Antenna Vertical, 30 MHz – 1 GHz



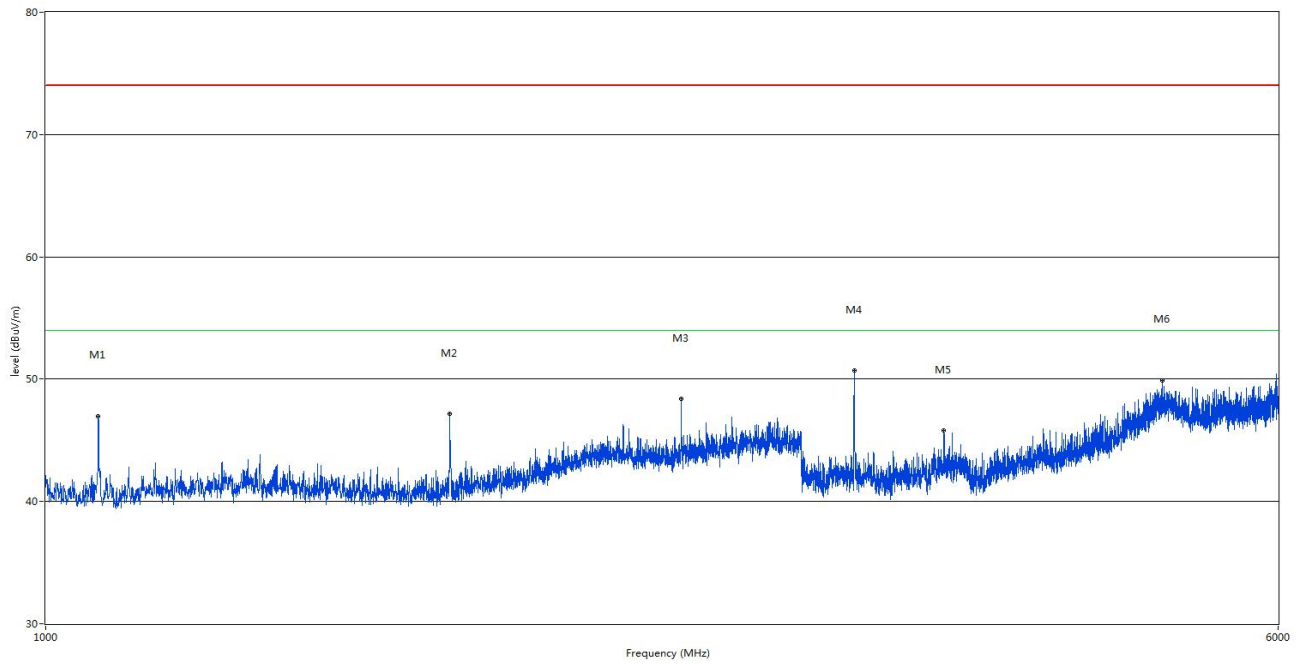
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	62.980	19.36	-20.64	30.0	10.64	Peak	360.00	300	Vertical	Pass
2	87.473	20.23	-22.76	30.0	9.77	Peak	360.00	300	Vertical	Pass
3	108.812	19.28	-20.16	33.5	14.22	Peak	360.00	300	Vertical	Pass
4	184.472	23.06	-21.03	33.5	10.44	Peak	195.00	100	Vertical	Pass
5	216.482	28.45	-19.38	36.0	7.55	Peak	0.00	200	Vertical	Pass
6	240.005	28.65	-18.08	36.0	7.35	Peak	0.00	200	Vertical	Pass

A.1.6 Test Antenna Horizontal, 30 MHz – 1 GHz



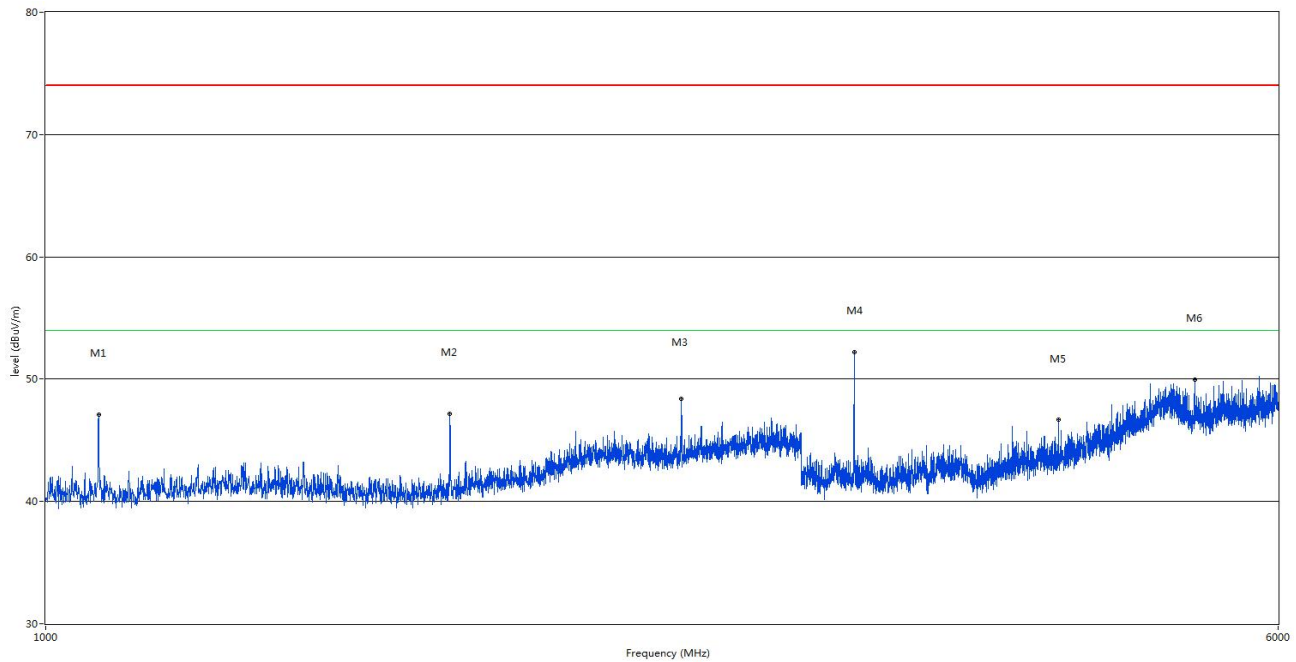
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	83.350	19.48	-23.95	30.0	10.52	Peak	232.00	200	Horizontal	Pass
2	158.525	21.87	-22.76	33.5	11.63	Peak	70.00	300	Horizontal	Pass
3	181.805	23.89	-21.31	33.5	9.61	Peak	237.00	300	Horizontal	Pass
4	219.150	27.61	-19.19	36.0	8.39	Peak	15.00	300	Horizontal	Pass
5	237.580	26.93	-18.17	36.0	9.07	Peak	234.00	300	Horizontal	Pass
6	348.160	25.10	-14.57	36.0	10.90	Peak	145.00	300	Horizontal	Pass

A.1.7 Test Antenna Vertical, 1 GHz – 6 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1079.500	46.98	-6.89	74.0	27.02	Peak	41.00	100	Vertical	Pass
2	1799.500	47.13	-4.97	74.0	26.87	Peak	279.20	100	Vertical	Pass
3	2519.500	48.37	-1.69	74.0	25.63	Peak	32.10	100	Vertical	Pass
4	3240.000	50.74	6.80	74.0	23.26	Peak	326.70	100	Vertical	Pass
5	3691.500	45.79	8.18	74.0	28.21	Peak	6.00	100	Vertical	Pass
6	5073.000	49.90	13.03	74.0	24.10	Peak	2.00	100	Vertical	Pass

A.1.8 Test Antenna Horizontal, 1 GHz – 6 GHz



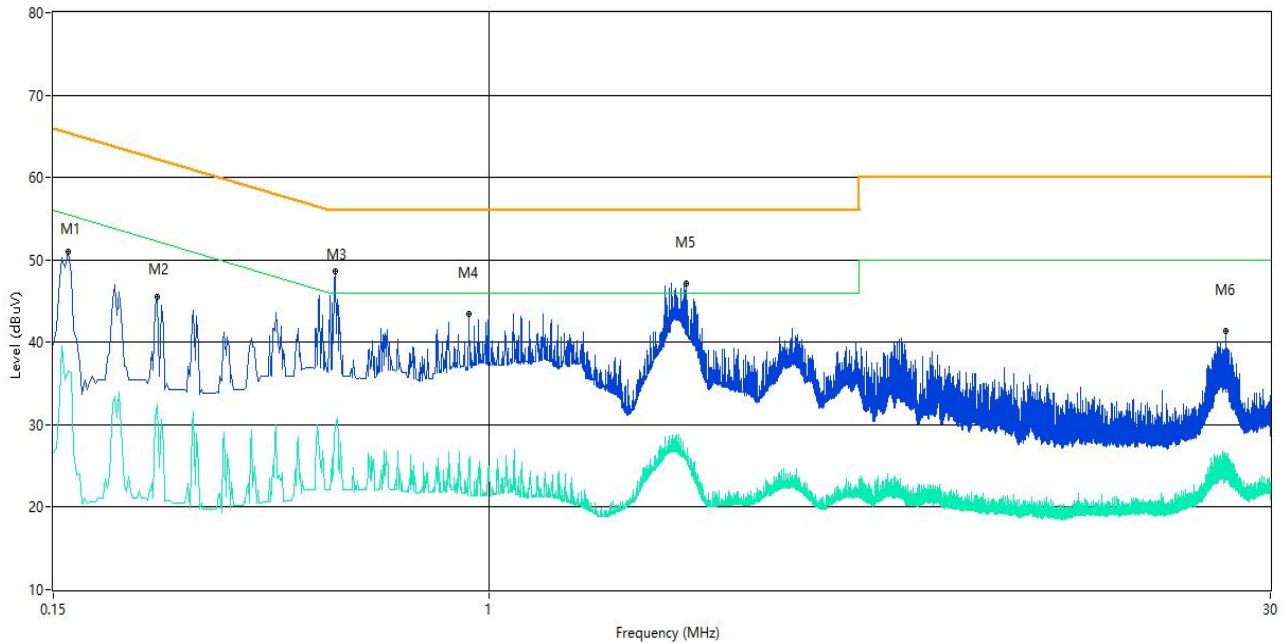
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1080.000	47.12	-6.89	74.0	26.88	Peak	93.30	100	Horizontal	Pass
2	1799.500	47.19	-4.97	74.0	26.81	Peak	280.00	100	Horizontal	Pass
3	2520.500	48.42	-1.69	74.0	25.58	Peak	28.00	100	Horizontal	Pass
4	3240.000	52.24	6.80	74.0	21.76	Peak	328.80	100	Horizontal	Pass
5	4362.000	46.68	9.87	74.0	27.32	Peak	28.00	100	Horizontal	Pass
6	5317.500	49.98	12.65	74.0	24.02	Peak	156.50	100	Horizontal	Pass

A.2 Conducted Emission

Test Data and Plots

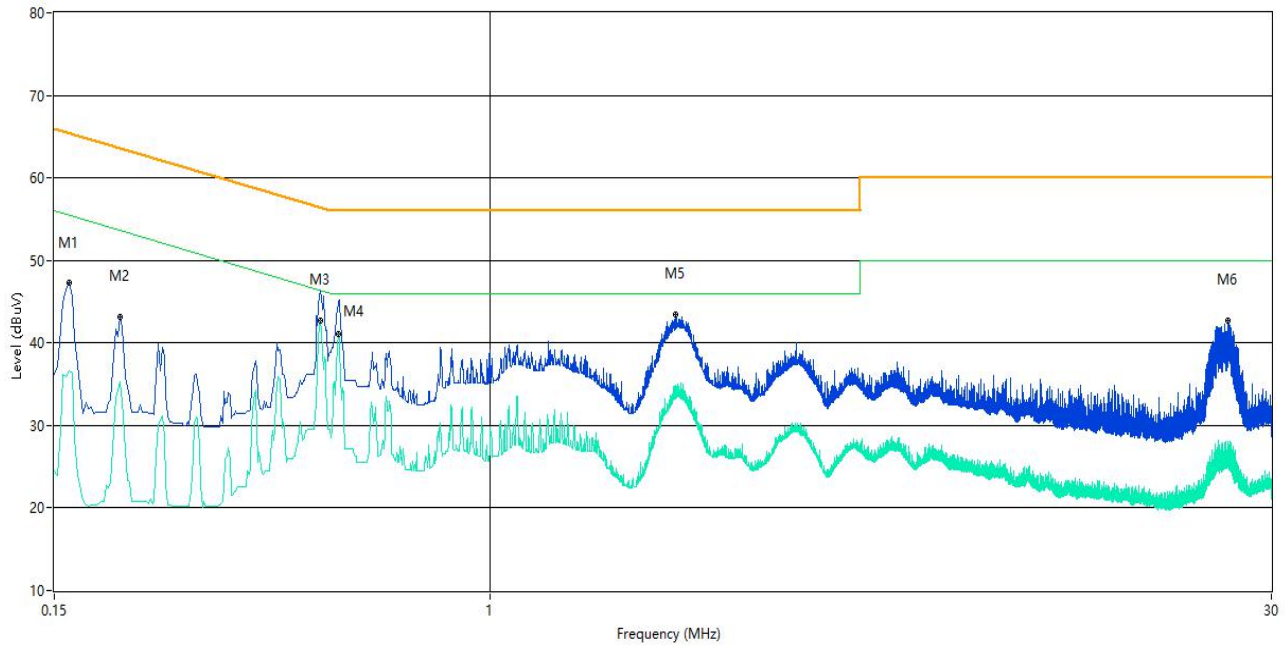
The Camera Test Mode

A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	51.1	10.29	65.5	14.40	Peak	L Line	Pass
1**	0.160	36.5	10.29	55.5	19.00	AV	L Line	Pass
2	0.236	45.5	10.12	62.2	16.70	Peak	L Line	Pass
2**	0.236	32.4	10.12	52.2	19.80	AV	L Line	Pass
3	0.512	48.7	10.02	56.0	7.30	Peak	L Line	Pass
3**	0.512	29.4	10.02	46.0	16.60	AV	L Line	Pass
4	0.916	43.5	9.79	56.0	12.50	Peak	L Line	Pass
4**	0.916	25.4	9.79	46.0	20.60	AV	L Line	Pass
5	2.364	47.1	10.27	56.0	8.90	Peak	L Line	Pass
5**	2.364	26.2	10.27	46.0	19.80	AV	L Line	Pass
6	24.754	41.4	11.63	60.0	18.60	Peak	L Line	Pass
6**	24.754	26.0	11.63	50.0	24.00	AV	L Line	Pass

A.2.2 N Phase

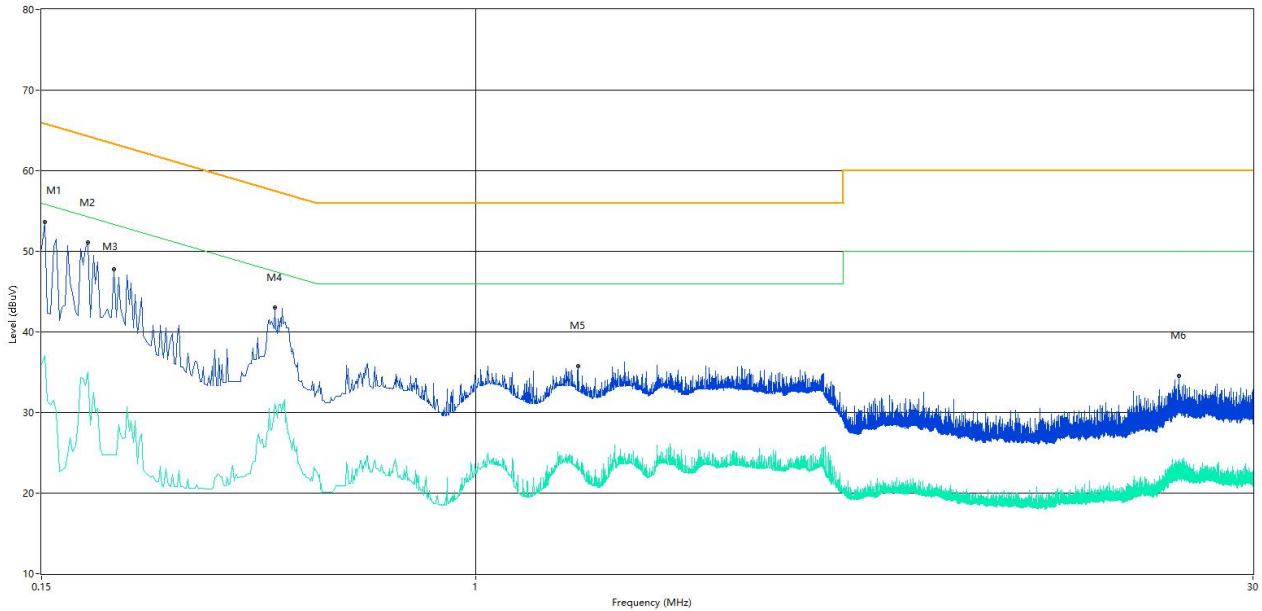


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	47.3	10.29	65.5	18.20	Peak	N Line	Pass
1**	0.160	36.6	10.29	55.5	18.90	AV	N Line	Pass
2	0.200	43.2	9.29	63.6	20.40	Peak	N Line	Pass
2**	0.200	35.4	9.29	53.6	18.20	AV	N Line	Pass
3	0.478	46.2	11.13	56.4	10.20	Peak	N Line	Pass
3**	0.478	42.6	11.13	46.4	3.80	AV	N Line	Pass
4	0.516	44.9	10.08	56.0	11.10	Peak	N Line	Pass
4**	0.516	41.1	10.08	46.0	4.90	AV	N Line	Pass
5	2.238	43.5	10.46	56.0	12.50	Peak	N Line	Pass
5**	2.238	34.5	10.46	46.0	11.50	AV	N Line	Pass
6	24.866	42.8	11.65	60.0	17.20	Peak	N Line	Pass
6**	24.866	28.0	11.65	50.0	22.00	AV	N Line	Pass

Test Data and Plots

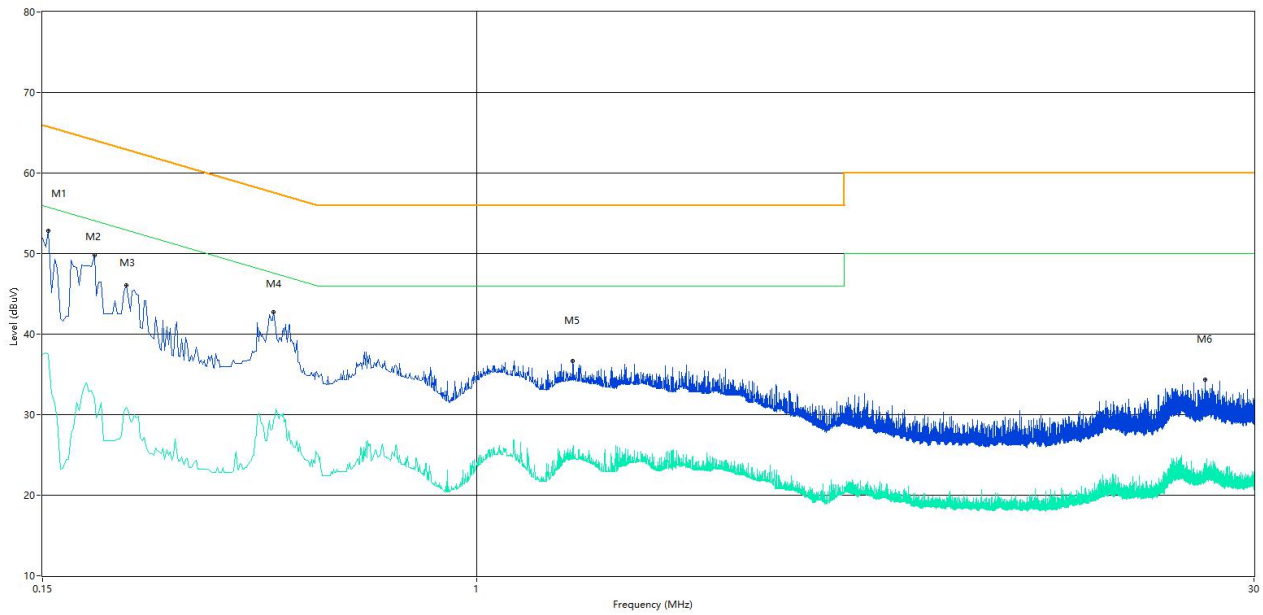
The USB Data Test Mode

A.2.3 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	53.6	9.78	65.9	12.30	Peak	L Line	Pass
1**	0.152	37.1	9.78	55.9	18.80	AV	L Line	Pass
2	0.184	51.1	10.14	64.3	13.20	Peak	L Line	Pass
2**	0.184	35.0	10.14	54.3	19.30	AV	L Line	Pass
3	0.206	47.8	9.22	63.4	15.60	Peak	L Line	Pass
3**	0.206	24.3	9.22	53.4	29.10	AV	L Line	Pass
4	0.416	43.1	9.34	57.5	14.40	Peak	L Line	Pass
4**	0.416	31.1	9.34	47.5	16.40	AV	L Line	Pass
5	1.566	35.8	10.04	56.0	20.20	Peak	L Line	Pass
5**	1.566	23.6	10.04	46.0	22.40	AV	L Line	Pass
6	21.694	34.5	11.03	60.0	25.50	Peak	L Line	Pass
6**	21.694	22.6	11.03	50.0	27.40	AV	L Line	Pass

A.2.4 N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	52.8	9.99	65.8	13.00	Peak	N Line	Pass
1**	0.154	37.5	9.99	55.8	18.30	AV	N Line	Pass
2	0.188	49.8	9.49	64.1	14.30	Peak	N Line	Pass
2**	0.188	31.9	9.49	54.1	22.20	AV	N Line	Pass
3	0.216	46.0	10.82	63.0	17.00	Peak	N Line	Pass
3**	0.216	30.9	10.82	53.0	22.10	AV	N Line	Pass
4	0.412	42.7	10.07	57.6	14.90	Peak	N Line	Pass
4**	0.412	29.2	10.07	47.6	18.40	AV	N Line	Pass
5	1.526	36.7	9.93	56.0	19.30	Peak	N Line	Pass
5**	1.526	25.5	9.93	46.0	20.50	AV	N Line	Pass
6	24.220	34.3	11.66	60.0	25.70	Peak	N Line	Pass
6**	24.220	24.0	11.66	50.0	26.00	AV	N Line	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ1780425-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ1780425-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ1780425-AI.PDF”.

--END OF REPORT--