

FCC

EMC

TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

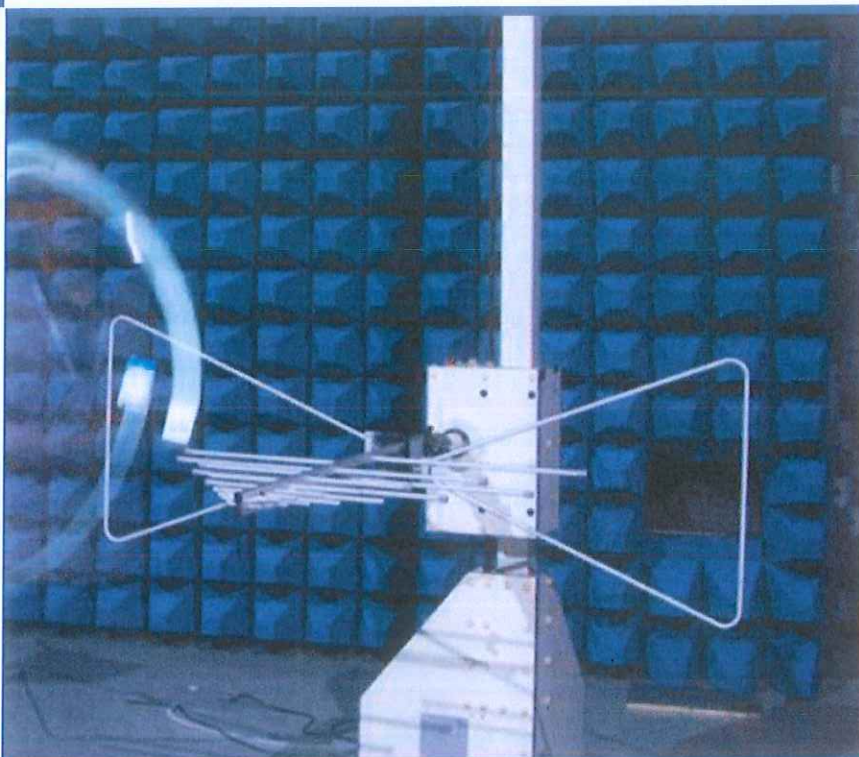


FOR

Head-Mounted Virtual Reality Equipment

ISSUED TO
Chengdu Idealsee Technology Co., Ltd.

Tower B, New Hope Building, No. 69, Tianfu No. 3 Street, Mid Section,
Tianfu Avenue, High-Tech Zone, Chengdu, China



Tested by: Xia Long
Xia Long

(Engineer)

Date Jul. 03, 2017

Approved by: Liao Jianming

Liao Jianming

(Technical Director)

Date Jul. 03, 2017

Report No.: BL-SZ1740297-401

EUT Name: Head-Mounted Virtual Reality Equipment

Model Name: K2+

Brand Name: IDEALENS

Test Standard: 47 CFR Part 15 Subpart B

FCC ID: 2AI35-K2

Test Conclusion: Pass

Test Date: Jun. 20, 2017~ Jun. 22, 2017

Date of Issue: Jul. 03, 2017

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Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Jul. 03, 2017</u>	<u>Initial Issue</u>

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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

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	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory has been listed by US Federal Communications Commission to perform electromagnetic emission measurements. The recognition numbers of test site are 832625. 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.
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°C~25°C
Ambient Relative Humidity	45% - 55%
Ambient Pressure	100 kPa - 102 kPa

1.4 Announce

- (1) The test report reference to the report template version 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	Chengdu Idealsee Technology Co., Ltd.
Address	Tower B, New Hope Building, No.69, Tianfu No.3 Street, Mid Section, Tianfu Avenue, High-Tech Zone, Chengdu, China

2.2 Manufacturer Information

Manufacturer	Chengdu Idealens Technology Co., Ltd.
Address	Room 101, Building C2, District C of Tianfu Software Park, No.219 of Tianhua 2nd Road, High-tech Zone, Chengdu, Sichuan, China

2.3 Factory Information

Factory	Foxconn science and Ji Zhun Precision Industry(Huizhou) Co., Ltd.
Address	Ditch Village, Longxi Town, Boluo County, Huizhou City, Guangdong Province.

2.4 General Description for Equipment under Test (EUT)

EUT Name	Head-Mounted Virtual Reality Equipment
Model Name Under Test	K2+
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	P2
Software Version	0.7.0.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
Network and Wireless connectivity	Bluetooth, WIFI

2.5 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	IDEALENS
	Model No.	904764P
	Serial No.	N/A
	Capacitance	3800 mAh
	Rated Voltage	3.8 V
	Limit Charge Voltage	4.35 V
Ancillary Equipment 2	Adapter	
	Brand Name	IDEALENS
	Model No.	TUUS050200-L00
	Serial No.	N/A
	Rated Input	100-240 V~, 0.35 A, 50/60 Hz
	Rated Output	5 V=, 2 A
Ancillary Equipment 3	USB Cable	
	Length (Approx.)	1.0 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 3.8 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&SCHWA RZ	ESRP	101036	2016.07.05	2017.07.04	☒
Test Antenna- Bi-Log	SCHWARZBECK	VULB 9163	9163-977	2016.07.19	2018.07.18	☒
Test Antenna- Horn	SCHWARZBECK	BBHA 9120D	9120D-1600	2016.07.12	2018.07.11	☐
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2016.08.09	2018.08.08	☒

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	2017.09.08	☒
Test Antenna- Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2015.07.22	2017.07.21	☐
Test Antenna- Horn	SCHWARZBECK	BBHA 9120D	9120D-1148	2015.07.22	2017.07.21	☒
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2019.02.20	☒

Conducted Emission Test						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWA RZ	ESRP	101036	2016.07.05	2017.07.04	☒
LISN	SCHWARZBECK	NSLK 8127	8127-687	2016.07.05	2017.07.04	☒
LISN	SCHWARZBECK	NNLK 8129	8129-462	2016.09.14	2017.09.13	☐
AMN	SCHWARZBECK	NNBM8124	8124-509	2016.07.05	2017.07.04	☐
AMN	SCHWARZBECK	NNBM8124	8124-510	2016.07.05	2017.07.04	☐
ISN	TESEQ	ISN T800	34449	2016.07.05	2017.07.04	☐
Shielded Enclosure	ChangNing	CN-130701	130703	N/A	N/A	☒

4.3 Test Enclosure list

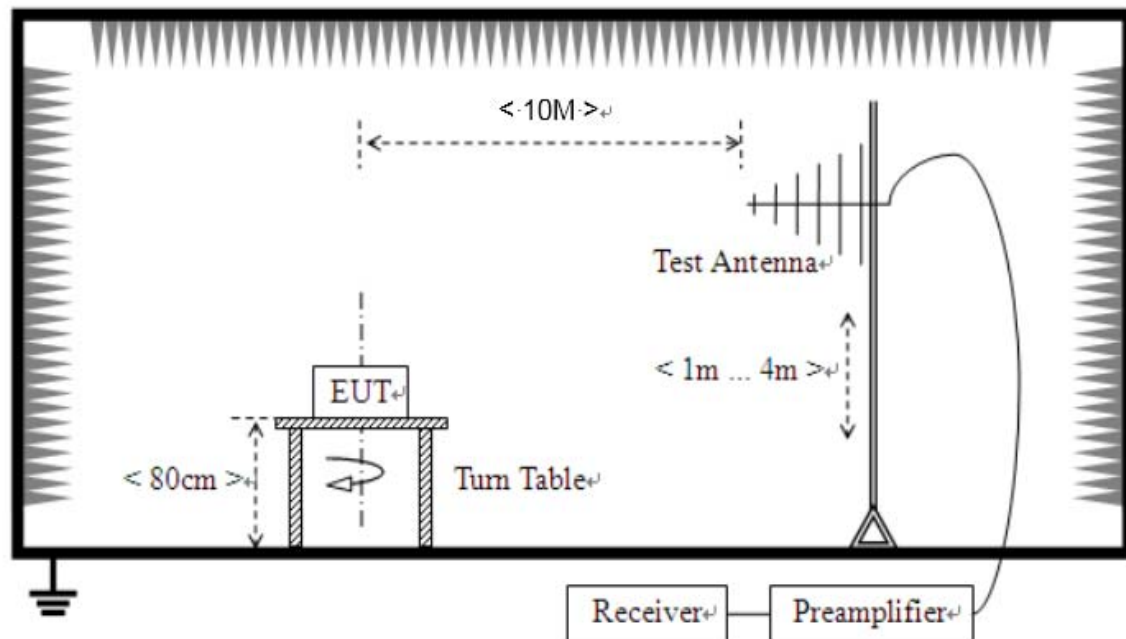
Description	Manufacturer	Model	Serial No.	Length	Description	Use
PC	Dell	015K3N	N/A	N/A	Special Handled	☐
Laptop	Apple	A1465	N/A	N/A	N/A	☒
Printer	HP	DESKJET 1000	N/A	N/A	N/A	☐
Keyboard	Logitech	Y-BP62a	N/A	N/A	N/A	☐
Mouse	Logitech	M100	N/A	N/A	N/A	☐
USB disk	Kingston	N/A	N/A	N/A	N/A	☐
TF Card	Kingston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

4.4 Test Configurations

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

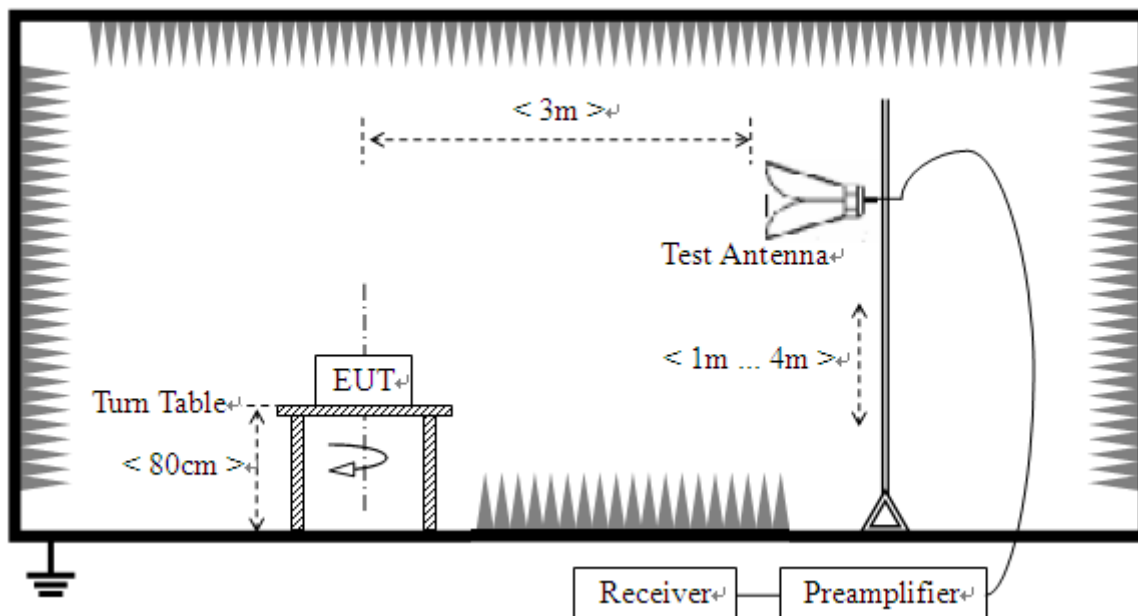
4.5 Test Setups

Test Setup 1



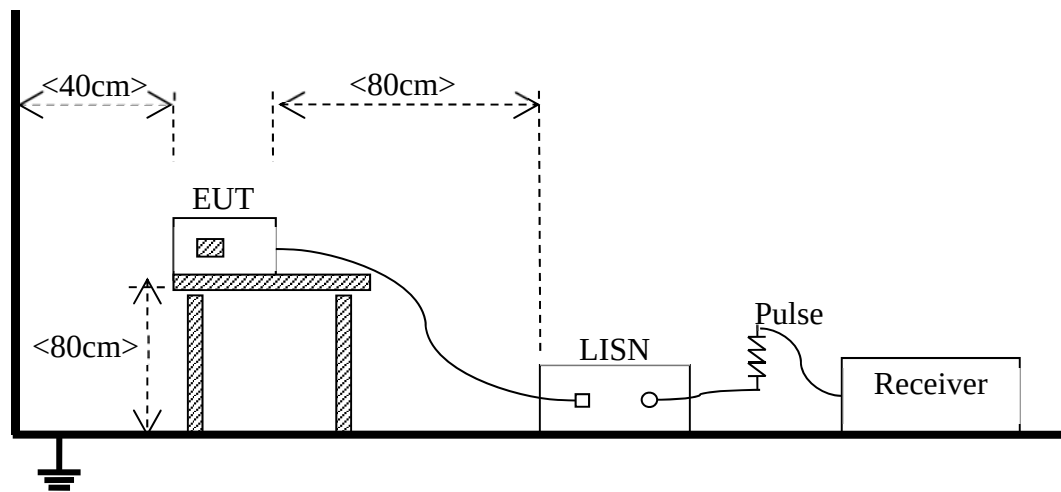
(For Radiated Emission Test (30 MHz-1 GHz))

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~TC02 ^{Note}
Conducted Emission, AC Ports	Test Env.	NTNV
	Test Setup	Test Setup 3
	Test Configuration	TC01~TC02 ^{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 Video Play 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 10 m)		Class A (at 10 m)	
	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)
30 - 88	100	30	90	39
88 - 216	150	33.5	150	43.5
216 - 960	200	36	210	46.4
Above 960	500	44	300	49.5

NOTE:

- 1) Field Strength (dB $\mu\text{V/m}$) = $20 \cdot \log [\text{Field Strength } (\mu\text{V/m})]$.
- 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.

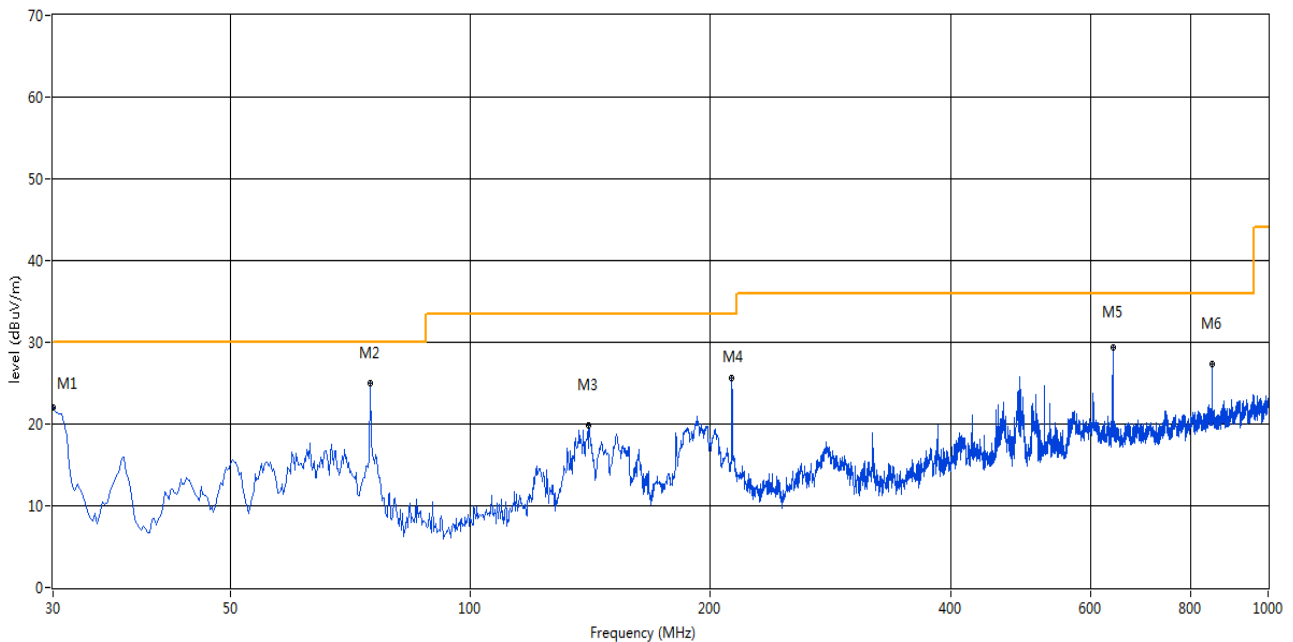
Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Test Data and Plots

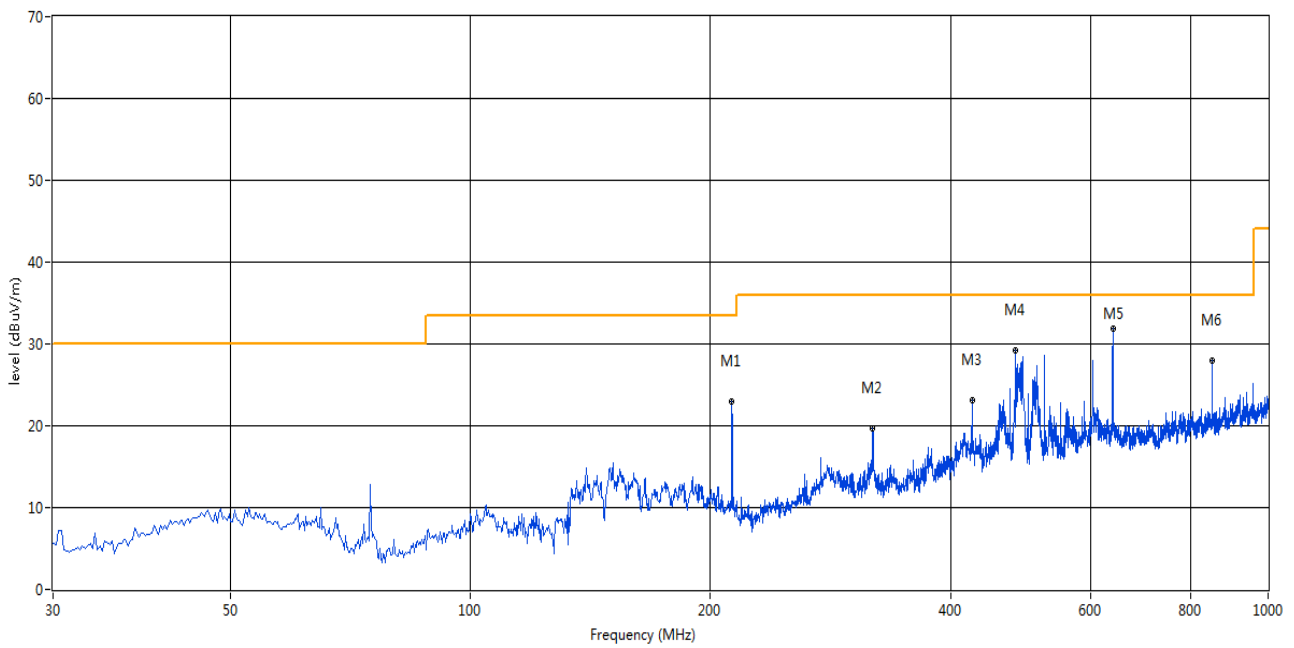
The Video Play Test Mode

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



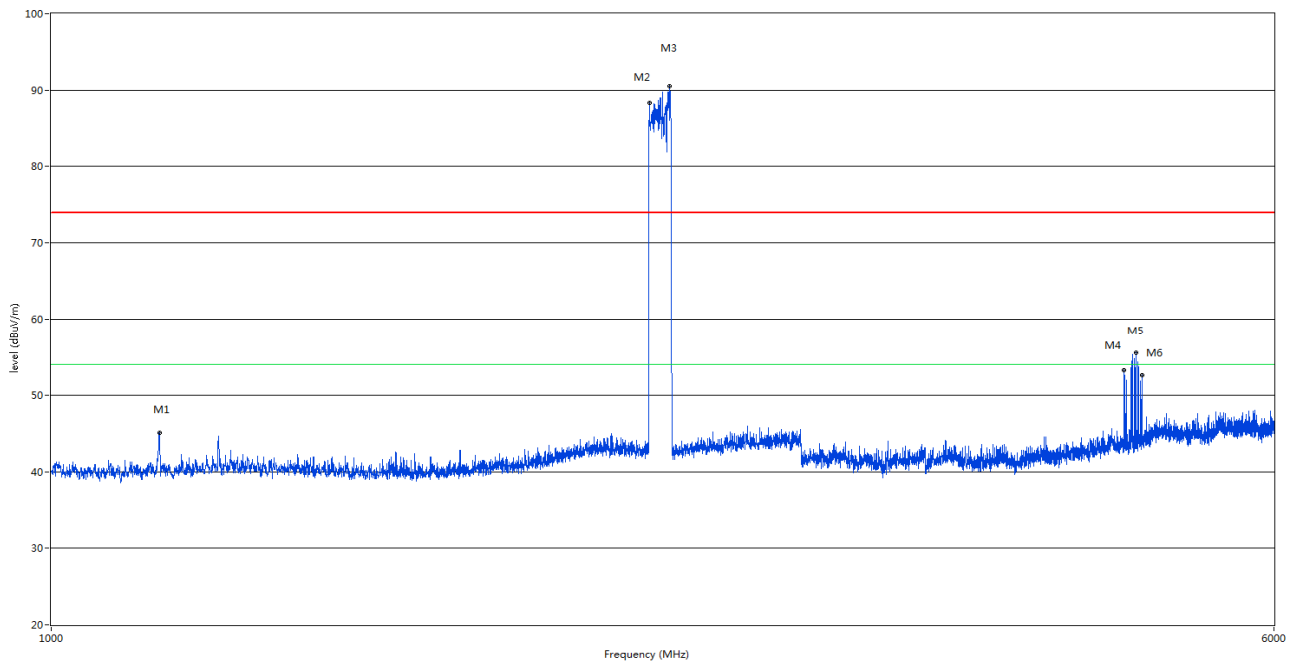
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	30.000	22.04	-16.39	30.0	7.96	Peak	208.00	100	Vertical	Pass
2	74.851	25.05	-19.10	30.0	4.95	Peak	4.00	200	Vertical	Pass
3	140.795	19.83	-18.84	33.5	13.67	Peak	3.00	400	Vertical	Pass
4	212.799	25.68	-15.02	33.5	7.82	Peak	3.00	100	Vertical	Pass
5	638.765	29.44	-4.97	36.0	6.56	Peak	5.00	300	Vertical	Pass
6	851.870	27.37	-1.63	36.0	8.63	Peak	0.00	300	Vertical	Pass

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



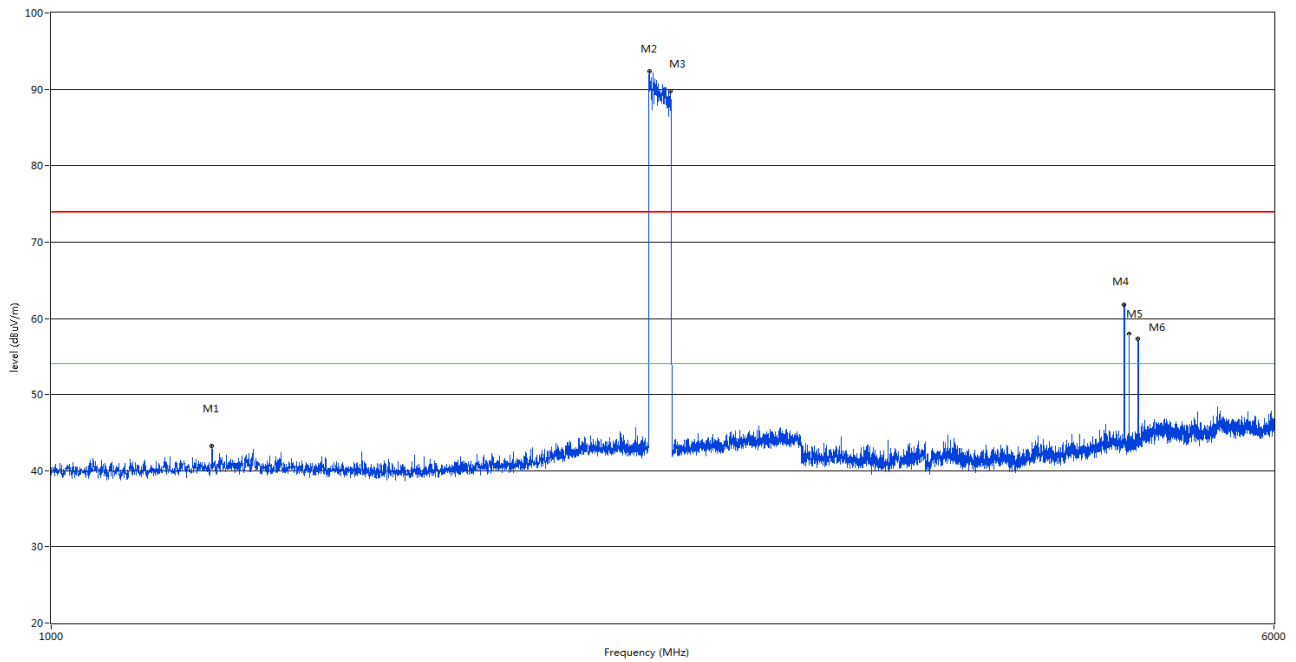
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	212.799	23.01	-15.02	33.5	10.49	Peak	203.00	400	Horizontal	Pass
2	319.473	19.69	-11.78	36.0	16.31	Peak	5.00	300	Horizontal	Pass
3	425.904	23.06	-9.05	36.0	12.94	Peak	6.00	300	Horizontal	Pass
4	481.907	29.16	-8.08	36.0	6.84	Peak	6.00	200	Horizontal	Pass
5	638.765	31.90	-4.97	36.0	4.10	Peak	6.00	200	Horizontal	Pass
6	851.870	27.96	-1.63	36.0	8.04	Peak	4.00	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	1171.500	45.07	-7.16	74.0	28.93	Peak	326.60	100	Vertical	Pass
2	2403.000	88.29	-2.35	74.0	-14.29	Peak	262.70	100	Vertical	N/A
3	2474.500	90.49	-2.68	74.0	-16.49	Peak	201.70	100	Vertical	N/A
4	4815.750	53.29	10.51	74.0	20.71	Peak	323.00	100	Vertical	N/A
5	4899.750	55.53	10.34	74.0	18.47	Peak	28.30	100	Vertical	N/A
6	4943.250	52.59	10.53	74.0	21.41	Peak	36.10	100	Vertical	N/A

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

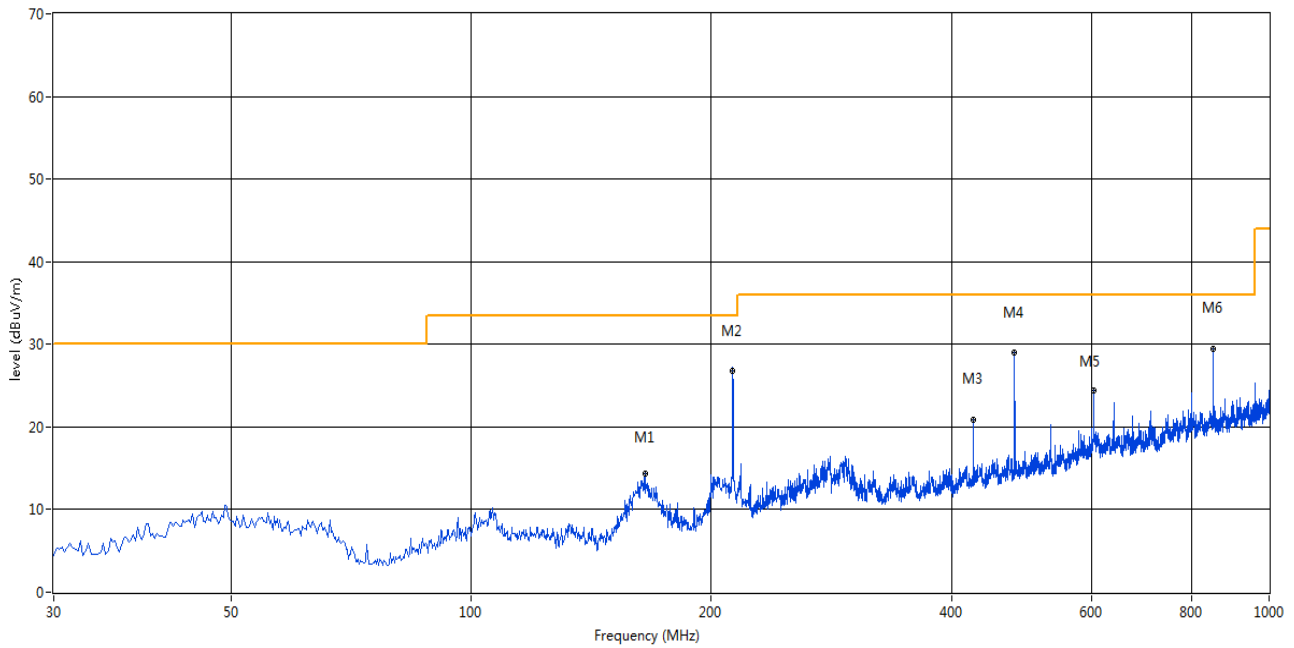


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1265.500	43.22	-6.35	74.0	30.78	Peak	15.60	100	Horizontal	Pass
2	2404.000	92.32	-2.36	74.0	-18.32	Peak	293.20	100	Horizontal	N/A
3	2477.500	89.78	-2.68	74.0	-15.78	Peak	298.60	100	Horizontal	N/A
4	4817.250	61.89	10.52	74.0	12.11	Peak	92.10	100	Horizontal	N/A
5	4854.000	58.04	10.31	74.0	15.96	Peak	37.80	100	Horizontal	N/A
6	4917.750	57.24	10.37	74.0	16.76	Peak	360.00	100	Horizontal	N/A

Test Data and Plots

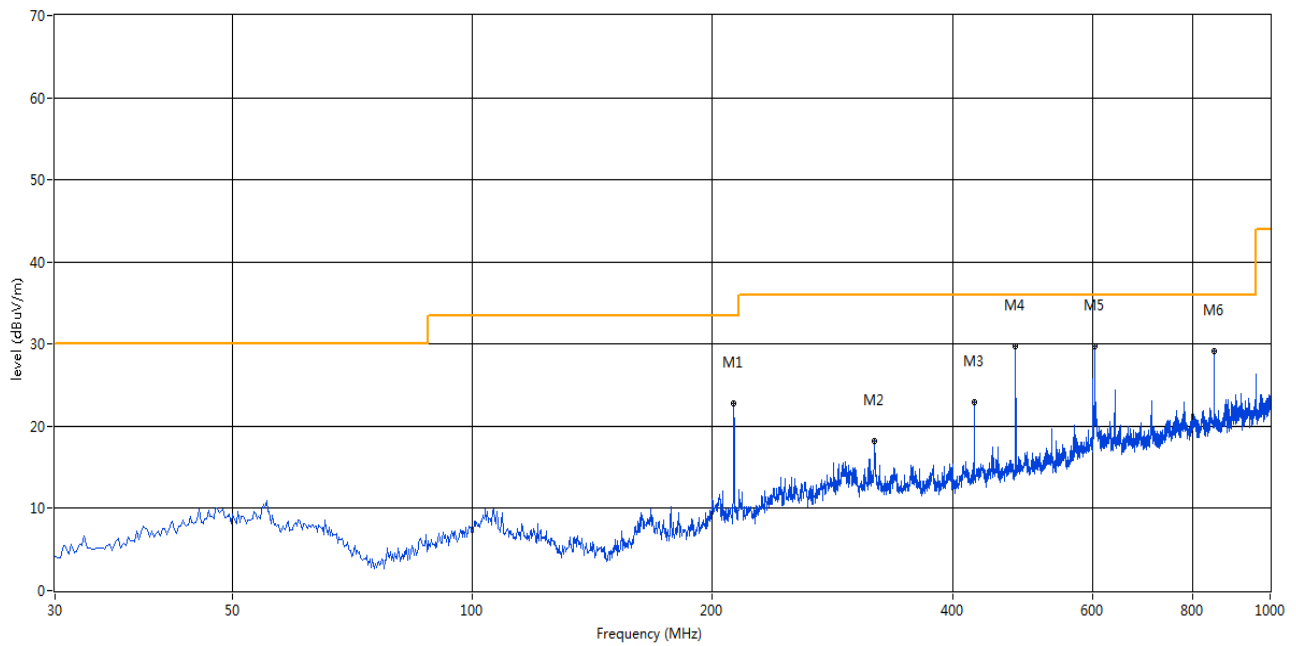
The USB Test Mode

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



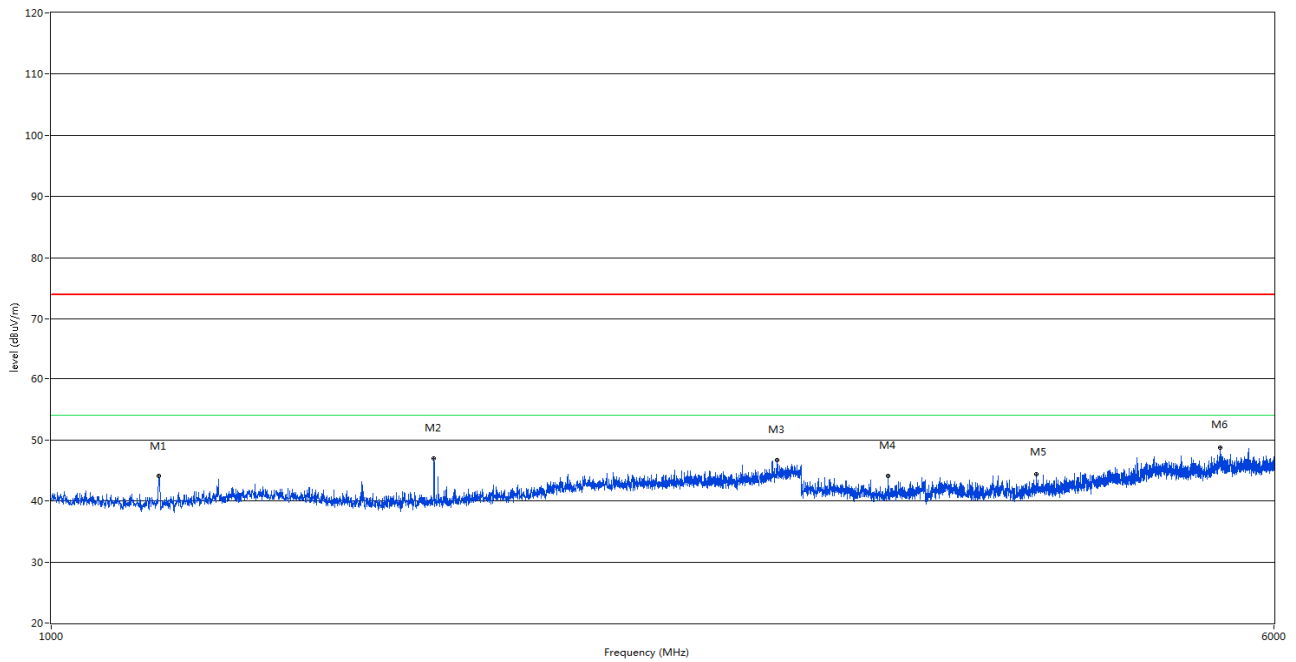
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	165.281	14.38	-17.73	30.0	15.62	Peak	52.00	100	Vertical	Pass
2	212.991	28.37	-15.02	30.0	1.63	Peak	97.00	126.00	Vertical	N/A
2*	212.991	26.79	-15.02	30.0	3.21	QP	97.00	126.00	Vertical	Pass
3	425.904	20.80	-9.05	37.0	16.20	Peak	162.00	100	Vertical	Pass
4	479.968	28.95	-8.21	37.0	8.05	Peak	5.00	100	Vertical	Pass
5	603.369	24.48	-5.23	37.0	12.52	Peak	0.00	300	Vertical	Pass
6	851.870	29.47	-1.63	37.0	7.53	Peak	0.00	300	Vertical	Pass

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



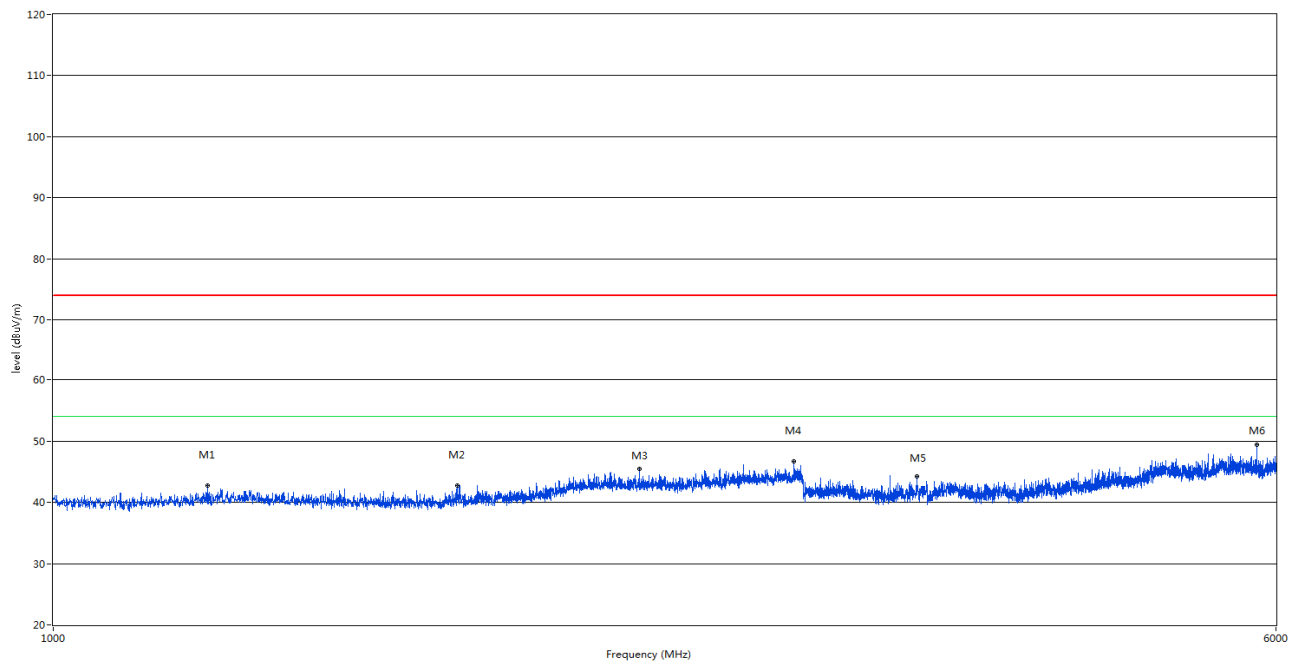
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	212.799	22.80	-15.02	30.0	7.20	Peak	143.00	400	Horizontal	Pass
2	319.473	18.17	-11.78	37.0	18.83	Peak	276.00	200	Horizontal	Pass
3	425.904	22.97	-9.05	37.0	14.03	Peak	112.00	200	Horizontal	Pass
4	479.968	29.76	-8.21	37.0	7.24	Peak	187.00	200	Horizontal	Pass
5	603.369	29.82	-5.23	37.0	7.18	Peak	360.00	200	Horizontal	Pass
6	851.870	29.13	-1.63	37.0	7.87	Peak	347.00	100	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	1170.500	44.06	-7.15	74.0	29.94	Peak	335.00	100	Vertical	Pass
2	1752.000	47.00	-5.79	74.0	27.00	Peak	343.20	100	Vertical	Pass
3	2896.000	46.75	0.19	74.0	27.25	Peak	0.10	100	Vertical	Pass
4	3408.000	44.17	6.08	74.0	29.83	Peak	246.70	100	Vertical	Pass
5	4236.000	44.38	8.90	74.0	29.62	Peak	357.60	100	Vertical	Pass
6	5543.250	48.80	12.13	74.0	25.20	Peak	29.20	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	1253.500	42.76	-6.49	74.0	31.24	Peak	129.20	100	Horizontal	Pass
2	1807.000	42.79	-5.53	74.0	31.21	Peak	76.80	100	Horizontal	Pass
3	2360.500	45.47	-2.80	74.0	28.53	Peak	187.70	100	Horizontal	Pass
4	2960.500	46.70	0.07	74.0	27.30	Peak	8.30	100	Horizontal	Pass
5	3544.500	44.25	6.55	74.0	29.75	Peak	314.30	100	Horizontal	Pass
6	5835.000	49.39	11.41	74.0	24.61	Peak	4.80	100	Horizontal	Pass

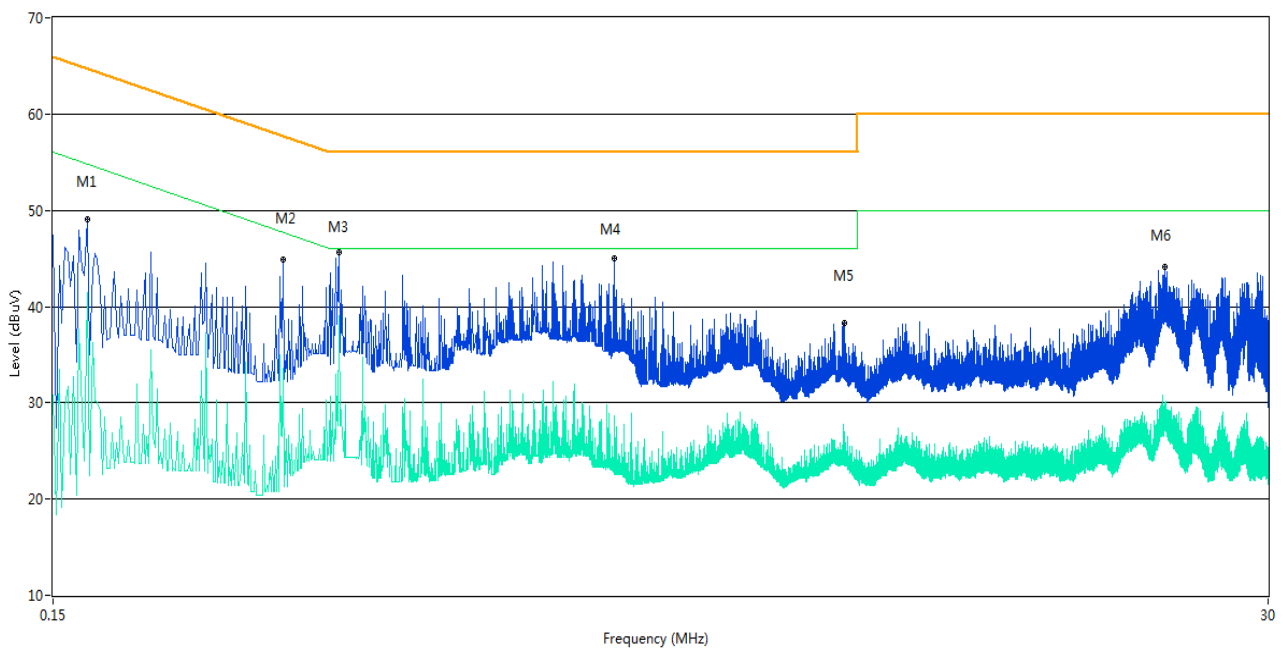
A.2 Conducted Emission

Note: 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. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

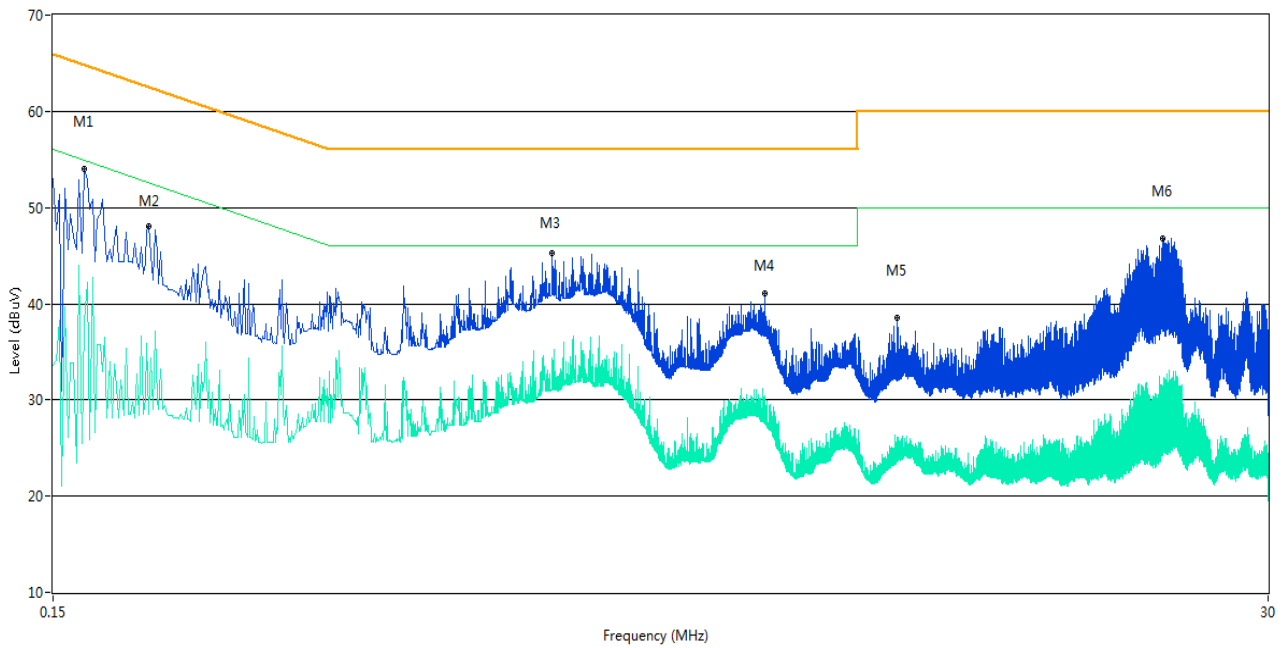
The Video Play Test Mode

A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.174	49.1	9.53	64.8	15.70	Peak	L Line	Pass
1**	0.174	41.5	9.53	54.8	13.30	AV	L Line	Pass
2	0.410	44.9	10.36	57.6	12.70	Peak	L Line	Pass
2**	0.410	33.6	10.36	47.6	14.00	AV	L Line	Pass
3	0.522	45.6	9.97	56.0	10.40	Peak	L Line	Pass
3**	0.522	39.1	9.97	46.0	6.90	AV	L Line	Pass
4	1.734	45.0	10.15	56.0	11.00	Peak	L Line	Pass
4**	1.734	28.6	10.15	46.0	17.40	AV	L Line	Pass
5	4.728	38.3	10.16	56.0	17.70	Peak	L Line	Pass
5**	4.728	25.0	10.16	46.0	21.00	AV	L Line	Pass
6	19.130	44.2	10.82	60.0	15.80	Peak	L Line	Pass
6**	19.130	30.0	10.82	50.0	20.00	AV	L Line	Pass

A.2.2 N Phase

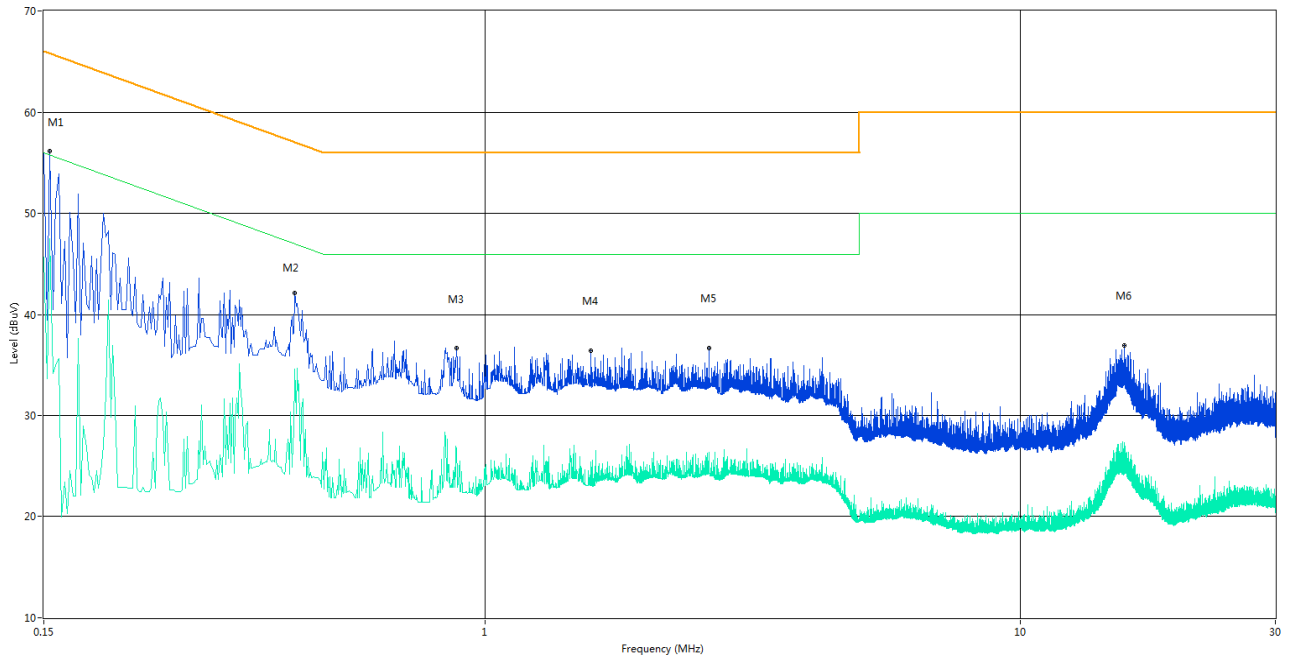


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.172	54.0	9.39	64.9	10.90	Peak	N Line	Pass
1**	0.172	38.2	9.39	54.9	16.70	AV	N Line	Pass
2	0.228	48.1	9.90	62.5	14.40	Peak	N Line	Pass
2**	0.228	28.4	9.90	52.5	24.10	AV	N Line	Pass
3	1.322	45.2	9.97	56.0	10.80	Peak	N Line	Pass
3**	1.322	34.4	9.97	46.0	11.60	AV	N Line	Pass
4	3.346	41.1	11.32	56.0	14.90	Peak	N Line	Pass
4**	3.346	28.9	11.32	46.0	17.10	AV	N Line	Pass
5	5.948	38.5	10.27	60.0	21.50	Peak	N Line	Pass
5**	5.948	26.1	10.27	50.0	23.90	AV	N Line	Pass
6	18.972	46.8	10.86	60.0	13.20	Peak	N Line	Pass
6**	18.972	30.7	10.86	50.0	19.30	AV	N Line	Pass

Test Data and Plots

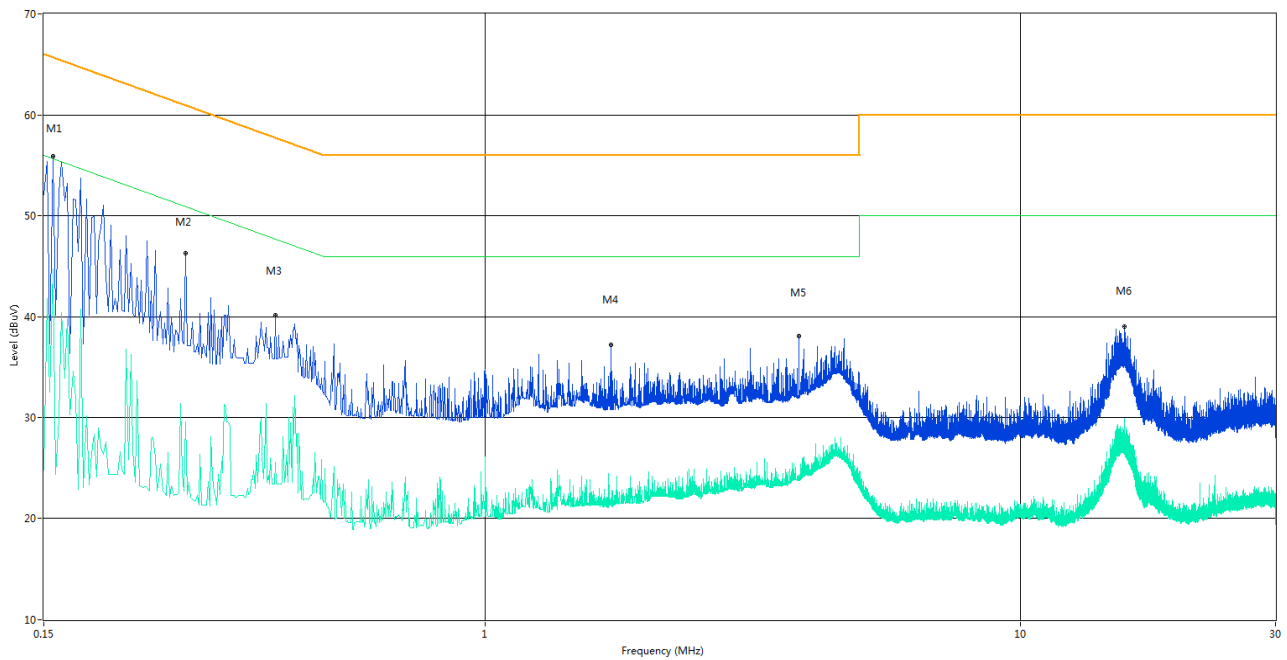
The USB Test Mode

A.2.3 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	56.2	9.99	65.8	9.60	Peak	L Line	Pass
1**	0.154	47.5	9.99	55.8	8.30	AV	L Line	Pass
2	0.442	42.2	10.54	57.0	14.80	Peak	L Line	Pass
2**	0.442	34.5	10.54	47.0	12.50	AV	L Line	Pass
3	0.886	36.6	9.88	56.0	19.40	Peak	L Line	Pass
3**	0.886	26.8	9.88	46.0	19.20	AV	L Line	Pass
4	1.580	36.4	9.95	56.0	19.60	Peak	L Line	Pass
4**	1.580	25.4	9.95	46.0	20.60	AV	L Line	Pass
5	2.624	36.7	10.60	56.0	19.30	Peak	L Line	Pass
5**	2.624	26.3	10.60	46.0	19.70	AV	L Line	Pass
6	15.688	36.9	11.31	60.0	23.10	Peak	L Line	Pass
6**	15.688	25.2	11.31	50.0	24.80	AV	L Line	Pass

A.2.4 N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	55.9	10.20	65.7	9.80	Peak	N Line	Pass
1**	0.156	44.8	10.20	55.7	10.90	AV	N Line	Pass
2	0.276	46.3	10.67	60.9	14.60	Peak	N Line	Pass
2**	0.276	29.6	10.67	50.9	21.30	AV	N Line	Pass
3	0.406	40.1	10.93	57.7	17.60	Peak	N Line	Pass
3**	0.406	25.5	10.93	47.7	22.20	AV	N Line	Pass
4	1.720	37.2	10.14	56.0	18.80	Peak	N Line	Pass
4**	1.720	21.4	10.14	46.0	24.60	AV	N Line	Pass
5	3.864	38.0	10.90	56.0	18.00	Peak	N Line	Pass
5**	3.864	23.8	10.90	46.0	22.20	AV	N Line	Pass
6	15.652	39.0	11.38	60.0	21.00	Peak	N Line	Pass
6**	15.652	29.9	11.38	50.0	20.10	AV	N Line	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ1740297-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ1740297-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ1740297-AI.PDF”.

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