TEST REPORT

Applicant:	Xiaomi Communications Co., Ltd.
Address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Equipment Type:	Mobile Phone
Model Name:	22071219CG
Brand Name:	POCO
FCC ID:	2AFZZ19CG
Test Standard:	47 CFR Part 15 Subpart B
Test Date:	Jun. 13, 2022 – Jun. 15, 2022
Date of Issue:	Jul. 11, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Sijie Zheng **Checked by:** Xia Long **Approved by:** Liao Jianming (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Jul. 11, 2022	Initial Issue
Rev. 02	Jul. 11, 2022	Modify memory information.

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1 GENERAL INFORMATION

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, 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, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Manufacturer Information

Manufacturer	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	22071219CG
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	P1.1
Software Version	MIUI 13
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Ancillary Equipment

Please refer the document “BL-SZ2260422-AW EUT external photo.pdf”.

2.6 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA Band 1/2/4/5/8 4G Network LTE FDD Band 1/2/3/4/5/7/8/20/28 LTE TDD Band 38/40/41 LTE CA Uplink (UL): CA_3C, CA_7C, CA_38C, CA_40C, CA_41C Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, FM receiver, NFC
RAM & Storage	4+64G; 4+128G; 6+128G
IMEI	S14: IMEI1: 867655060078667, IMEI2: 867655060078675 S13: IMEI1: 867655060071647, IMEI2: 867655060071654 S12: IMEI1: 867655060071423, IMEI2: 867655060071431 S08: IMEI1: 867655060078766, IMEI2: 867655060078774 S07: IMEI1: 867655060078568, IMEI2: 867655060078576

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart B	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)	3.22 dB
Radiated emissions (30 MHz-1 GHz)-10m	4.80 dB
Radiated emissions (30 MHz-1 GHz)-3m	4.76 dB
Radiated emissions (1 GHz-18 GHz)-3m	4.88 dB

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments, Test Date and Test Engineer

Test items	Voltage	Temperature	Relative Humidity	Ambient Pressure	Test Date	Test Engineer
Radiated Emission	AC 120V/60Hz DC 3.87V(battery)	24.3℃	47%	101kPa	Jun. 13, 2022	Jiang Pan
Conducted Emission	AC 230V/50Hz AC 120V/60Hz DC 3.87V(battery)	25℃	45%		Jun. 15, 2022	Ye GuangQi

4.2 Test Equipment List

Radiated Emission Test For Frequency Below 1 GHz (3m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	MY55330120	2021.10.20	2022.10.19	☒
Amplifier (30-1GHz)	COM-MV	ZT30-1000M	B2017119081	2021.10.20	2022.10.19	☒
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19	☒
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2021.09.04	2024.09.03	☒
Description	Manufacturer	Name		Version		Use
Test Software	BALUN	BL410-E		V19.918		☒

Radiated Emission Test For Frequency Above 1 GHz (3m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	Agilent	N9038A	MY55330120	2021.10.20	2022.10.19	☒
Spectrum Analyzer	ROHDE & SCHWARZ	FSV40	101544	2022.01.04	2023.01.03	☒
Amplifier (1-12GHz)	Advanced Microwave	WLA652A	1740103	2021.10.20	2022.10.19	☒
Amplifier（0.8-21GHz）	Mini-Circuits	ZVA-213-S+	225321316	2021.10.20	2022.10.19	☒
Amplifier（18-40GHz）	COM-MV	KA_LNA18-40G-01	18050001	2021.10.20	2022.10.19	☒
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	1917	2022.06.09	2023.06.08	☒
Test Antenna-Horn	A-INFOMW	LB-180400KF	J211060273	2021.07.02	2024.07.01	☒
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2021.09.04	2024.09.03	☒
Description	Manufacturer	Name		Version		Use
Test Software	BALUN	BL410-E		V19.918		☒

Conducted disturbance Test						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2021.10.10	2022.10.09	☒
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31	☒
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	N/A	2022.02.19	2025.02.18	☒
Description	Manufacturer	Name		Version		Use
Test Software	BALUN	BL410-E		V19.918		☒

4.3 Test Enclosure list

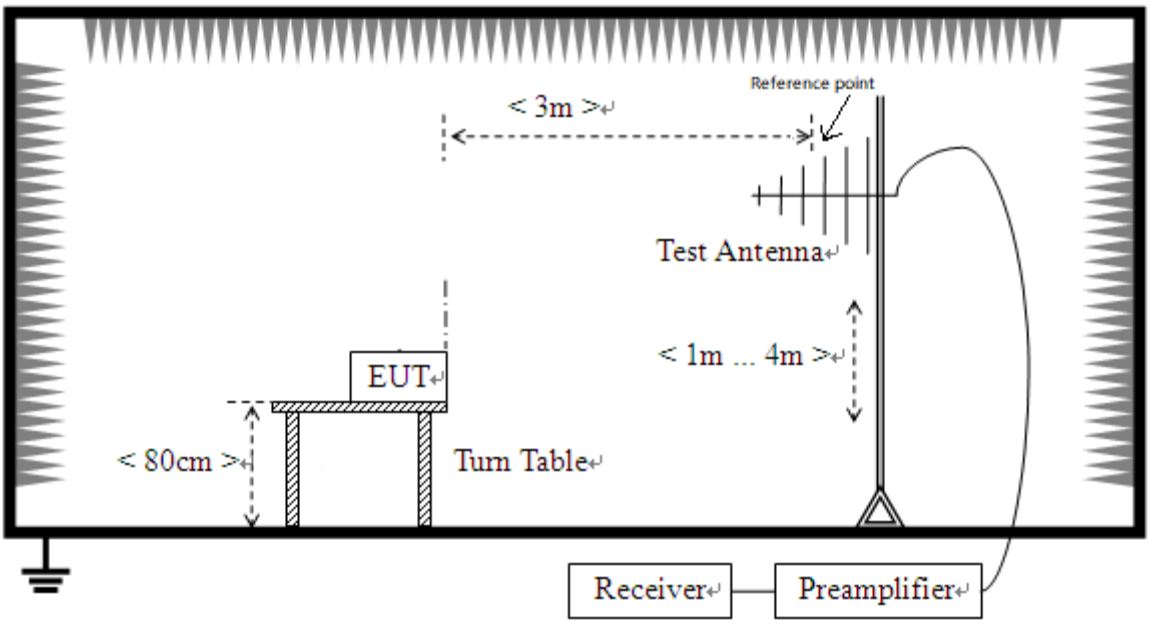
Description	Manufacturer	Model	Serial No.	Length	Description	Use
Wireless Communications Test Set	R&S	CMW500	127801	N/A	Cal. Due 2023.01.03	☒
Laptop	HONOR	N/A	N/A	N/A	N/A	☒
Laptop	Apple	A1465	N/A	N/A	N/A	☒
TF Card	Kingston	N/A	N/A	N/A	N/A	☒
Headset	N/A	OPPO	N/A	N/A	N/A	☒
Digital Headset	N/A	N/A	N/A	N/A	N/A	☒

4.4 Test Configurations

Test Configurations (TC) No.	Description
TC01	The GSM 850 MHz RX Test Mode GSM 850 MHz RX + EUT +Adapter + USB Cable + Battery + TF Card + Headset
TC02	The EGPRS 850 MHz RX Test Mode EGPRS 850 MHz RX + EUT +Adapter + USB Cable + Battery + TF Card + Headset
TC03	The WCDMA Band 5 RX Test Mode WCDMA Band 5 RX + EUT +Adapter + USB Cable + Battery + TF Card + Headset
TC04	The FDD LTE Band 5 RX Test Mode LTE Band 5 RX + EUT +Adapter + USB Cable + Battery + TF Card + Headset
TC05	The Camera Test Mode EUT + Adapter + USB Cable + Battery + Headset + TF Card
TC06	The Video Play Test Mode EUT + Adapter + USB Cable + Battery + Headset + TF Card
TC07	The USB Test Mode EUT + USB Cable + Battery + Laptop+ Headset + TF Card
TC08	The Digital Headset Test Mode EUT + Digital Headset +TF Card

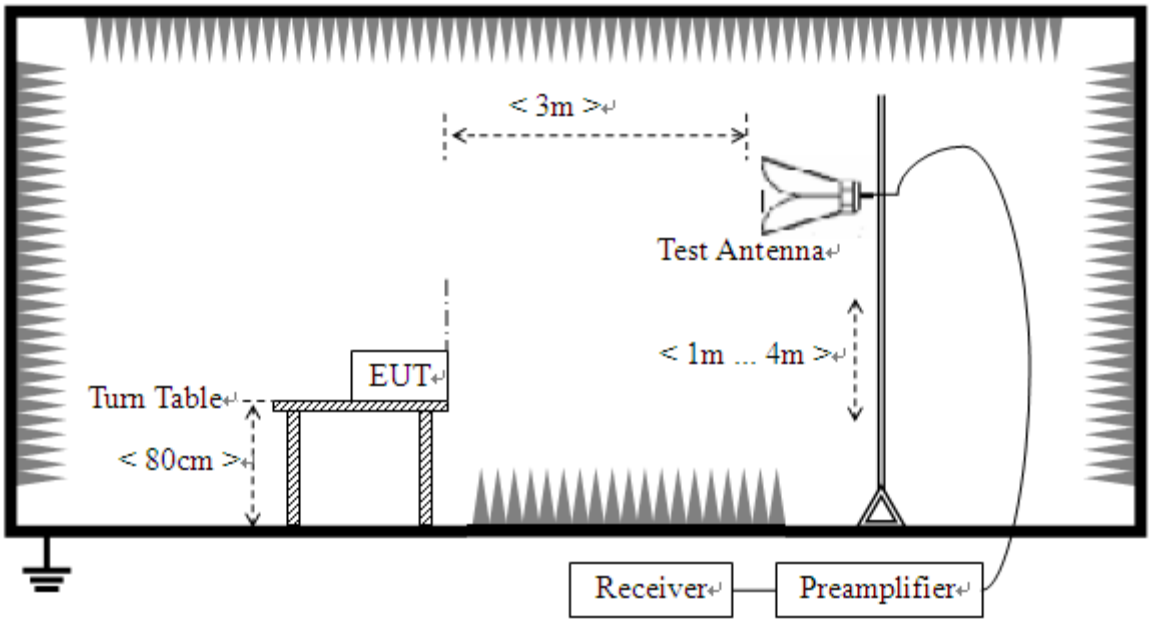
4.5 Test Setups

Test Setup 1



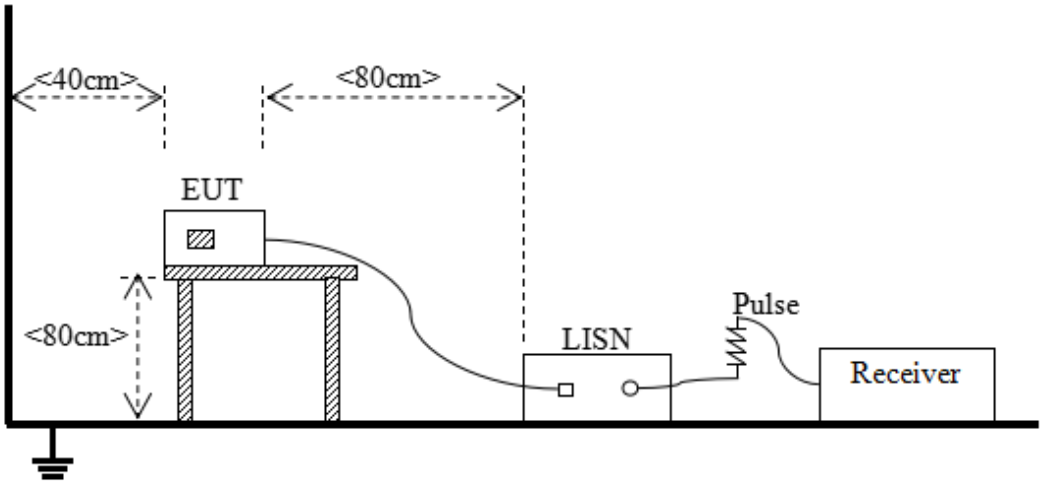
(For Radiated Emission Test (30 MHz-1 GHz))

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 Setup	Test Setup 1&2
	Test Configuration	TC01~TC08 Note
Conducted Emission, AC Ports	Test Setup	Test Setup 3
	Test Configuration	TC01~TC07 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 (μV/m)	Field Strength (dBμV/m)	Field Strength (dBμV/m)	Field Strength (μV/m)	Field Strength (dBμV/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 (dBμV/m) = 20*log [Field Strength (μV/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.

The measurement frequency range is from 30 MHz to the 5th harmonic of the maximum frequency of the EUT internal source. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz

VBW ≥ RBW

Sweep = auto

Detector function = peak for f <1 GHz, peak & RMS Average for f ≥ 1 GHz

Trace = max hold

5.1.1.4 Test Result

Please refer to ANNEX A.1.

NOTE:

1. Results (dBuV/m) = Reading (dBuV/m) + Factor (dB/m)

The reading level is calculated by software which is not shown in the sheet

2. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Amplifier Gain (dB)

3. Over limit = Results – Limit.

5.1.2 Conducted Emission

5.1.2.1 Test Limit

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

Frequency range (MHz)	Class B	
	Quasi-peak (dBμV)	Average (dBμV)
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 μH 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.

Use the following spectrum analyzer settings:

RBW = 9 KHz

VBW ≥ RBW

Sweep = 10ms

Detector function =peak & Average

Trace = max hold

5.1.2.4 Test Result

Please refer to ANNEX A.2.

NOTE**:**

1. Results (dBuV) = Reading (dBuV) + Factor (dB)

The reading level is calculated by software which is not shown in the sheet

2. Factor = Insertion loss + Cable loss
3. Over limit = Results – Limit.

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.

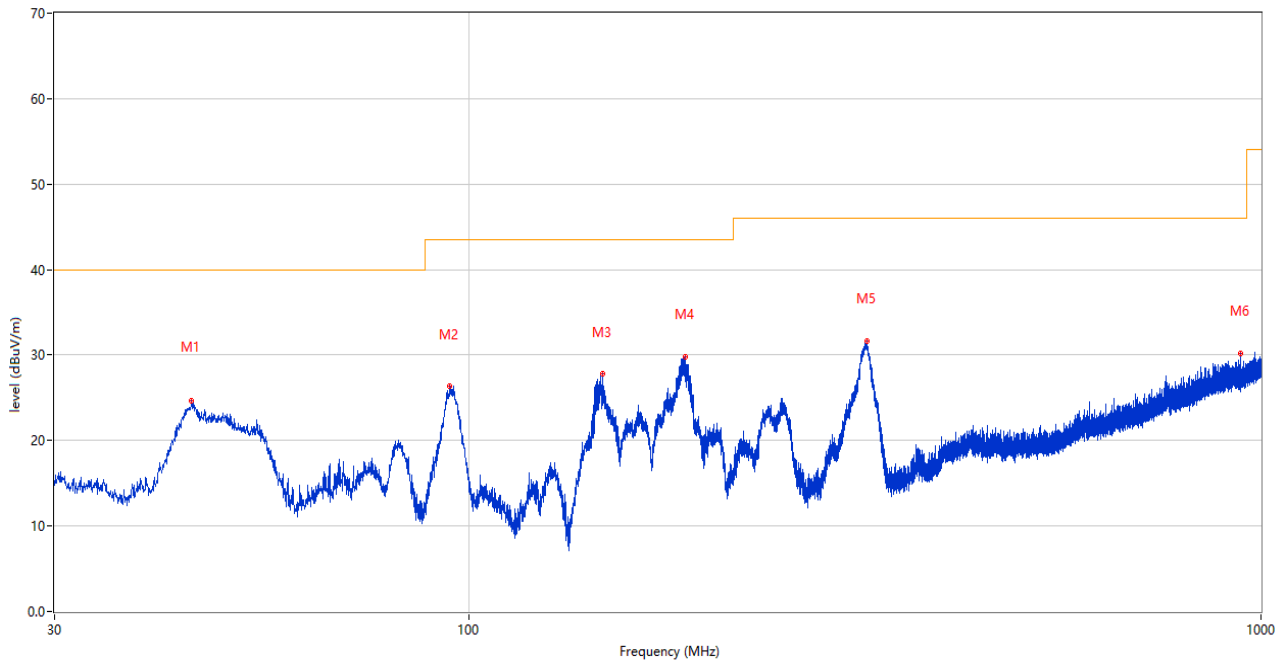
Note 3: The Radiated Emission from 18G-40G is noise only, do not show on the report.

Note 4: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

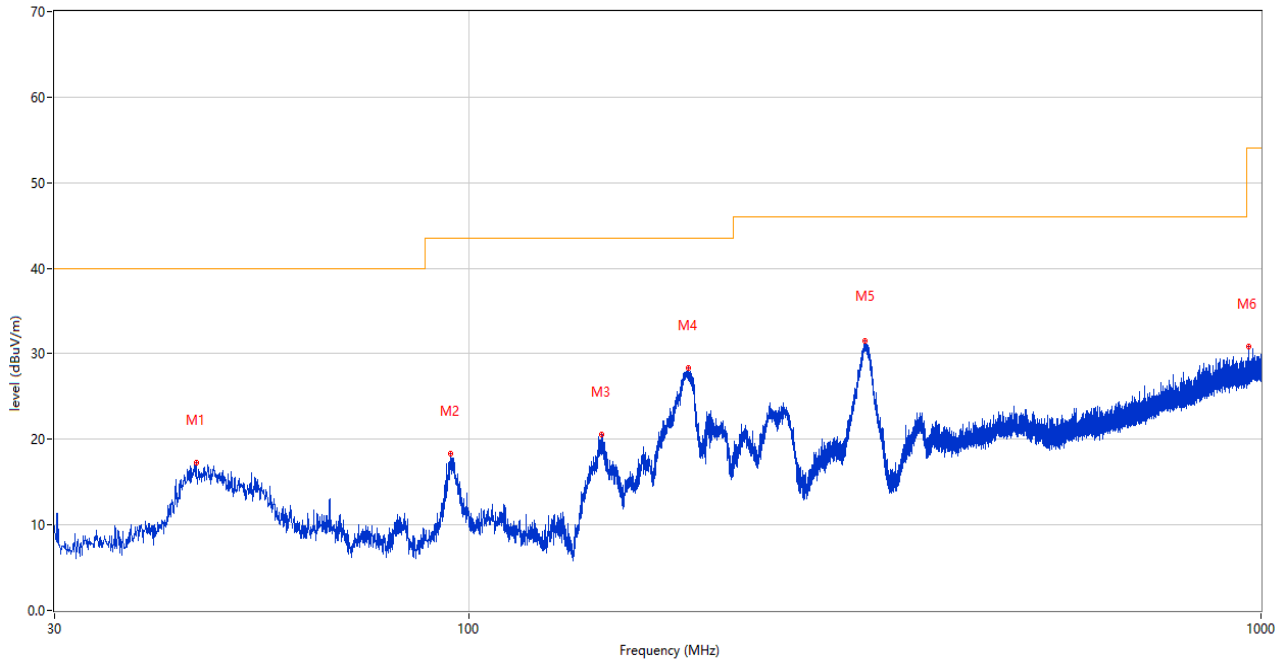
The Camera Test Mode

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



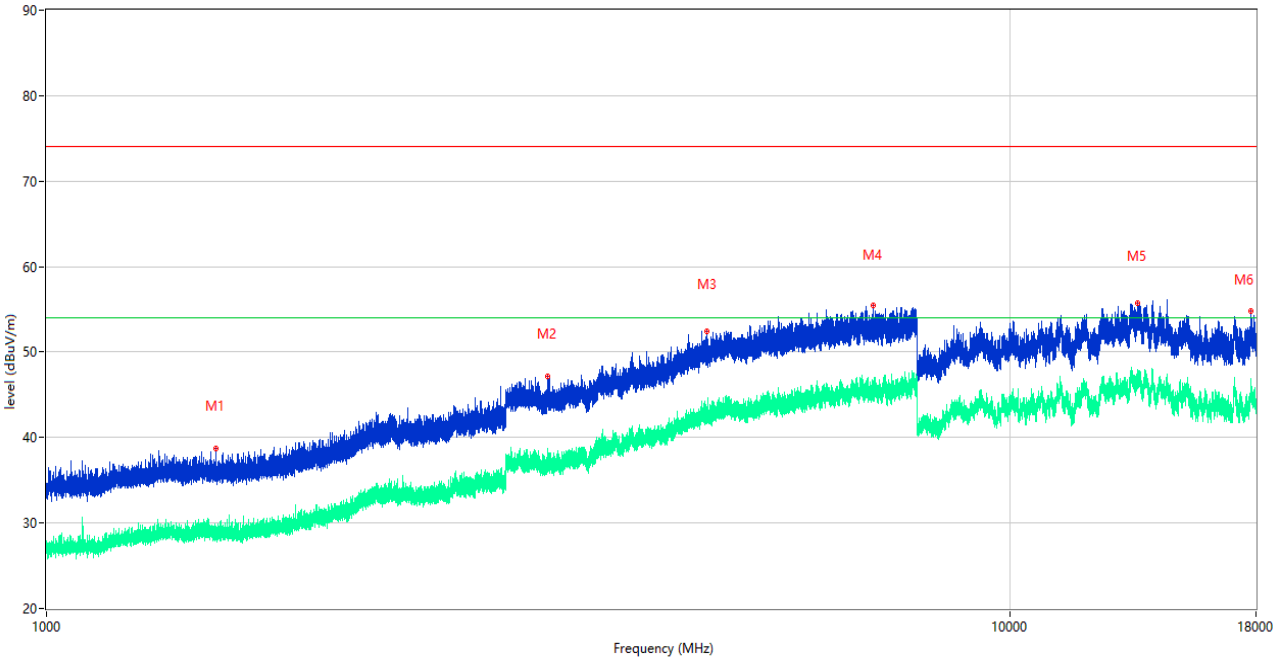
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.696	24.63	-25.63	40.0	-15.37	Peak	324.00	100	Vertical	Pass
2	94.553	26.34	-27.63	43.5	-17.16	Peak	292.00	100	Vertical	Pass
3	147.467	27.75	-30.21	43.5	-15.75	Peak	306.00	100	Vertical	Pass
4	187.867	29.79	-27.73	43.5	-13.71	Peak	350.00	100	Vertical	Pass
5	317.847	31.66	-23.19	46.0	-14.34	Peak	146.00	100	Vertical	Pass
6	942.916	30.25	-9.53	46.0	-15.75	Peak	0.00	100	Vertical	Pass

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



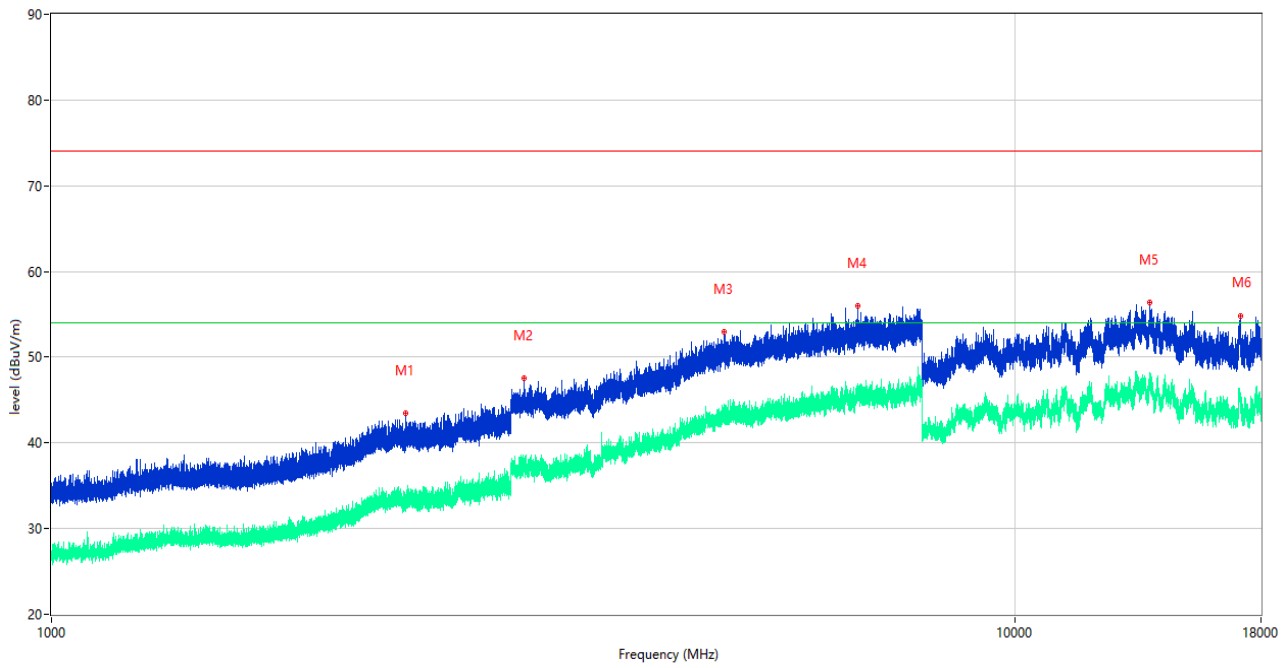
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.278	17.31	-25.52	40.0	-22.69	Peak	83.00	100	Horizontal	Pass
2	94.893	18.35	-27.59	43.5	-25.15	Peak	246.00	200	Horizontal	Pass
3	146.982	20.62	-30.23	43.5	-22.88	Peak	223.00	200	Horizontal	Pass
4	189.080	28.32	-27.58	43.5	-15.18	Peak	58.00	200	Horizontal	Pass
5	316.683	31.49	-23.19	46.0	-14.51	Peak	32.00	100	Horizontal	Pass
6	965.953	30.86	-9.17	54.0	-23.14	Peak	48.00	100	Horizontal	Pass

A.1.3 Test Antenna Vertical, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.000	38.67	-16.82	74.0	-35.33	Peak	0.00	100	Vertical	Pass
1**	1498.000	29.07	-16.82	54.0	-24.93	AV	0.00	100	Vertical	Pass
2	3309.500	47.10	-6.25	74.0	-26.90	Peak	296.00	100	Vertical	Pass
2**	3309.500	36.57	-6.25	54.0	-17.43	AV	296.00	100	Vertical	Pass
3	4846.000	52.42	0.35	74.0	-21.58	Peak	320.00	100	Vertical	Pass
3**	4846.000	42.10	0.35	54.0	-11.90	AV	320.00	100	Vertical	Pass
4	7206.000	55.40	1.44	74.0	-18.60	Peak	116.00	100	Vertical	Pass
4**	7206.000	44.61	1.44	54.0	-9.39	AV	116.00	100	Vertical	Pass
5	13552.000	55.69	4.74	74.0	-18.31	Peak	68.00	100	Vertical	Pass
5**	13552.000	47.62	4.74	54.0	-6.38	AV	68.00	100	Vertical	Pass
6	17793.499	54.78	2.61	74.0	-19.22	Peak	328.00	100	Vertical	Pass
6**	17793.499	45.96	2.61	54.0	-8.04	AV	328.00	100	Vertical	Pass

A.1.4 Test Antenna Horizontal, 1 GHz – 18 GHz

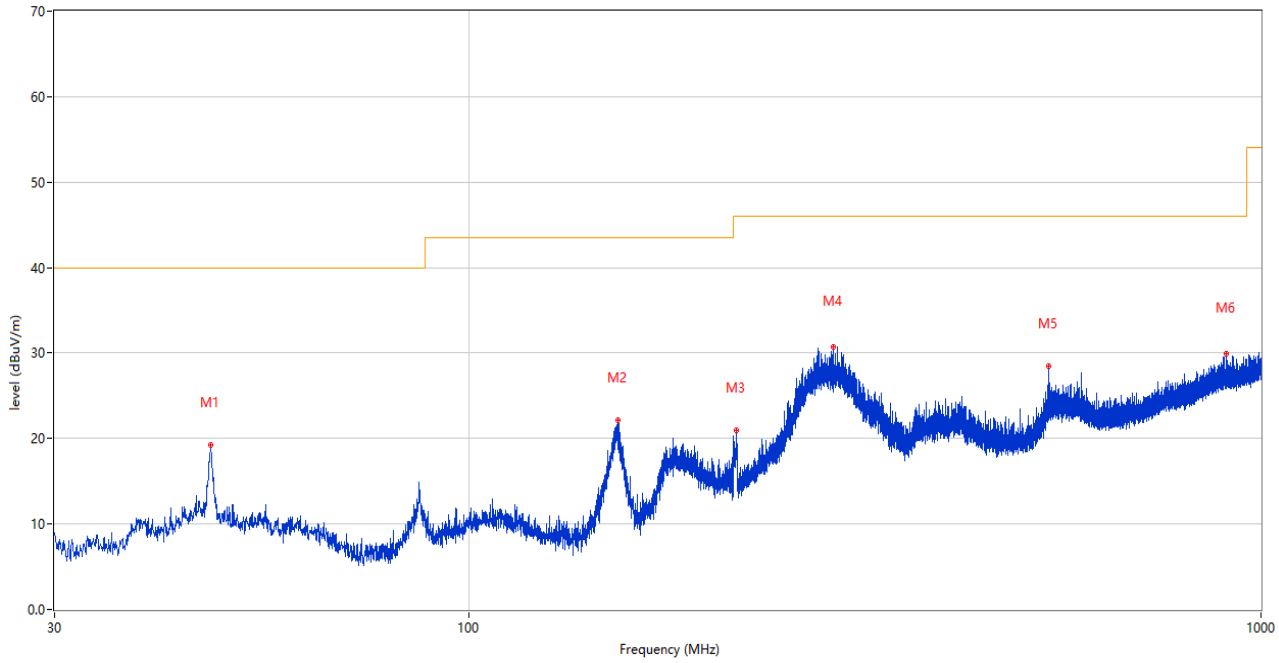


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2330.200	43.45	-11.88	74.0	-30.55	Peak	67.00	100	Horizontal	Pass
1**	2330.200	33.61	-11.88	54.0	-20.39	AV	67.00	100	Horizontal	Pass
2	3093.750	47.56	-5.92	74.0	-26.44	Peak	193.00	100	Horizontal	Pass
2**	3093.750	37.23	-5.92	54.0	-16.77	AV	193.00	100	Horizontal	Pass
3	4989.000	52.90	0.75	74.0	-21.10	Peak	228.00	100	Horizontal	Pass
3**	4989.000	44.00	0.75	54.0	-10.00	AV	228.00	100	Horizontal	Pass
4	6870.750	55.95	1.79	74.0	-18.05	Peak	326.00	100	Horizontal	Pass
4**	6870.750	45.47	1.79	54.0	-8.53	AV	326.00	100	Horizontal	Pass
5	13798.500	56.42	5.74	74.0	-17.58	Peak	241.00	100	Horizontal	Pass
5**	13798.500	46.97	5.74	54.0	-7.03	AV	241.00	100	Horizontal	Pass
6	17123.000	54.77	3.37	74.0	-19.23	Peak	119.00	100	Horizontal	Pass
6**	17123.000	45.41	3.37	54.0	-8.59	AV	119.00	100	Horizontal	Pass

Test Data and Plots

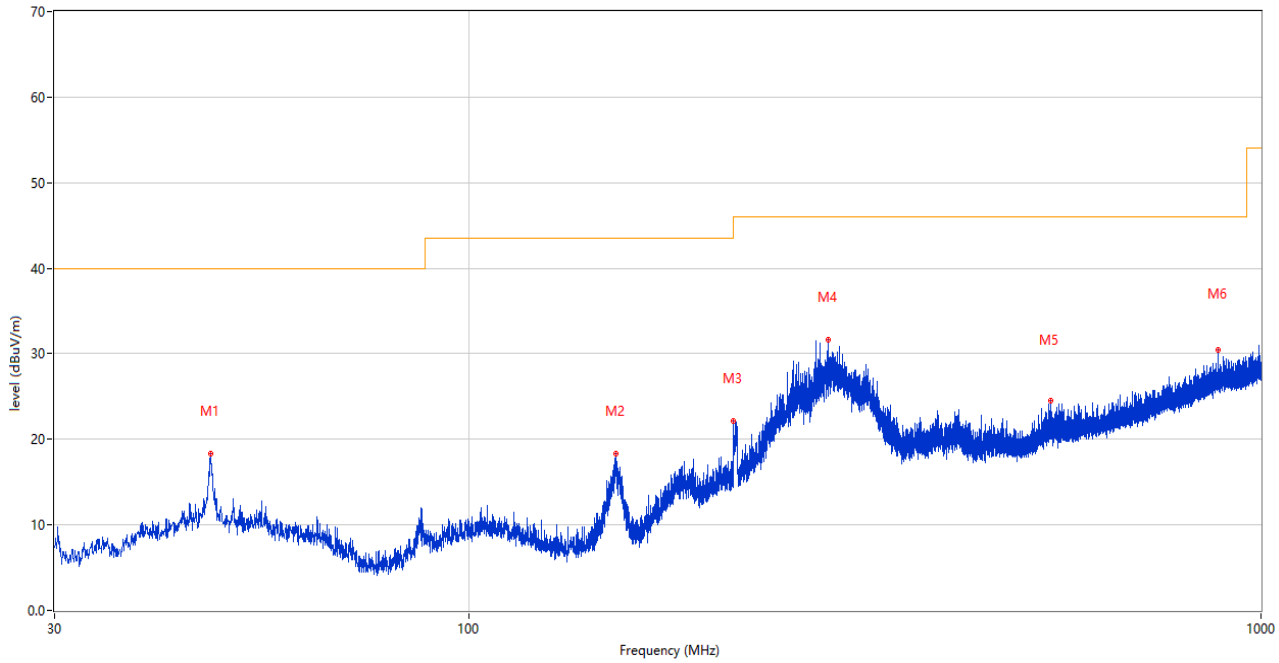
The USB Test Mode

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



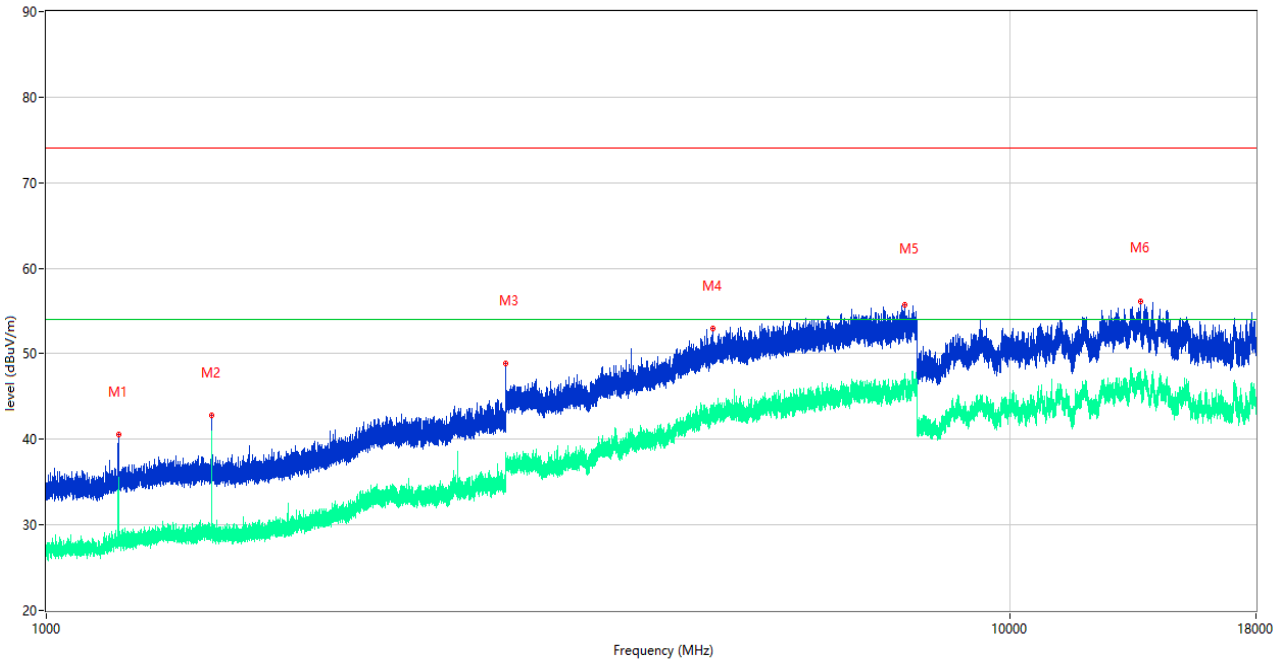
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.266	19.30	-25.52	40.0	-20.70	Peak	74.00	100	Vertical	Pass
2	154.063	22.17	-29.91	43.5	-21.33	Peak	74.00	100	Vertical	Pass
3	217.840	20.98	-26.33	46.0	-25.02	Peak	131.00	200	Vertical	Pass
4	288.359	30.74	-23.93	46.0	-15.26	Peak	360.00	200	Vertical	Pass
5	540.026	28.41	-17.69	46.0	-17.59	Peak	2.00	100	Vertical	Pass
6	905.377	29.87	-9.78	46.0	-16.13	Peak	294.00	100	Vertical	Pass

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



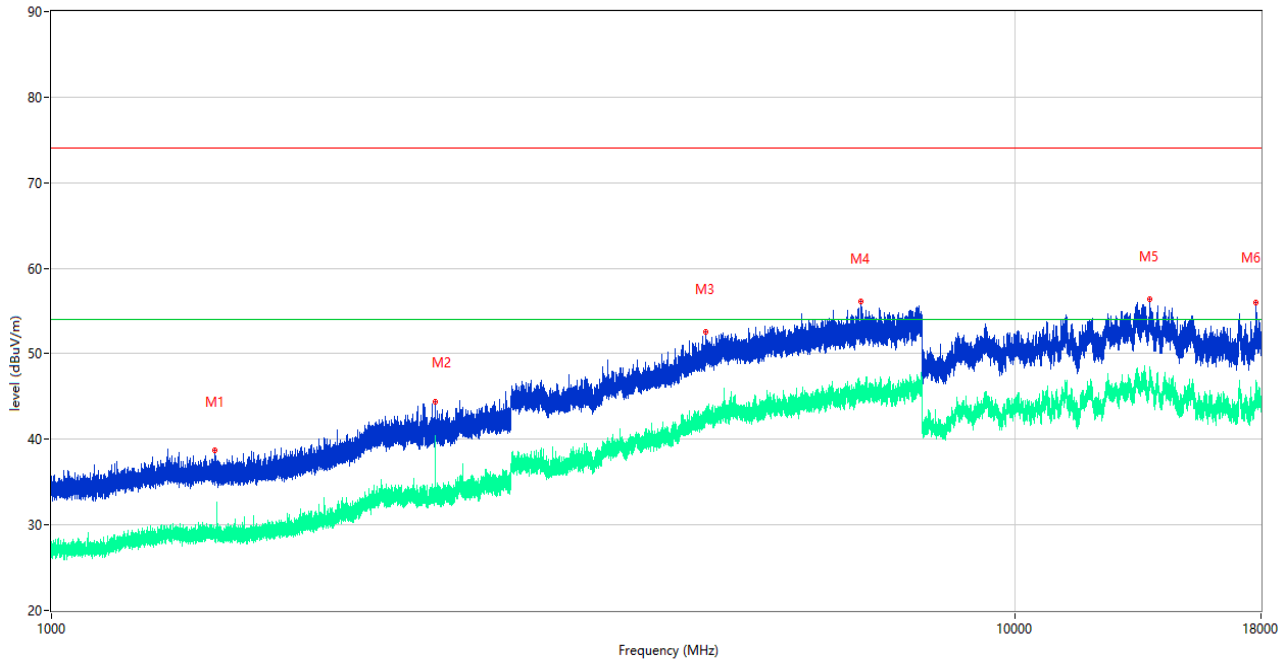
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.218	18.38	-25.52	40.0	-21.62	Peak	360.00	200	Horizontal	Pass
2	153.578	18.27	-29.89	43.5	-25.23	Peak	20.00	200	Horizontal	Pass
3	215.900	22.12	-26.42	43.5	-21.38	Peak	81.00	200	Horizontal	Pass
4	284.237	31.64	-24.07	46.0	-14.36	Peak	117.00	100	Horizontal	Pass
5	542.354	24.53	-17.62	46.0	-21.47	Peak	28.00	200	Horizontal	Pass
6	882.824	30.45	-10.23	46.0	-15.55	Peak	60.00	100	Horizontal	Pass

A.1.7 Test Antenna Vertical, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1188.000	40.53	-17.46	74.0	-33.47	Peak	189.00	100	Vertical	Pass
1**	1188.000	31.12	-17.46	54.0	-22.88	AV	189.00	100	Vertical	Pass
2	1484.700	42.79	-16.61	74.0	-31.21	Peak	164.00	100	Vertical	Pass
2**	1484.700	40.11	-16.61	54.0	-13.89	AV	164.00	100	Vertical	Pass
3	2999.600	48.88	-8.81	74.0	-25.12	Peak	189.00	100	Vertical	Pass
3**	2999.600	35.76	-8.81	54.0	-18.24	AV	189.00	100	Vertical	Pass
4	4919.750	53.02	1.01	74.0	-20.98	Peak	198.00	100	Vertical	Pass
4**	4919.750	43.49	1.01	54.0	-10.51	AV	198.00	100	Vertical	Pass
5	7784.000	55.78	3.20	74.0	-18.22	Peak	32.00	100	Vertical	Pass
5**	7784.000	47.41	3.20	54.0	-6.59	AV	32.00	100	Vertical	Pass
6	13648.500	56.07	5.12	74.0	-17.93	Peak	66.00	100	Vertical	Pass
6**	13648.500	46.40	5.12	54.0	-7.60	AV	66.00	100	Vertical	Pass

A.1.8 Test Antenna Horizontal, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1477.200	38.74	-16.72	74.0	-35.26	Peak	69.00	100	Horizontal	Pass
1**	1477.200	28.49	-16.72	54.0	-25.51	AV	69.00	100	Horizontal	Pass
2	2500.100	44.32	-11.12	74.0	-29.68	Peak	121.00	100	Horizontal	Pass
2**	2500.100	39.95	-11.12	54.0	-14.05	AV	121.00	100	Horizontal	Pass
3	4776.250	52.58	0.37	74.0	-21.42	Peak	128.00	100	Horizontal	Pass
3**	4776.250	42.43	0.37	54.0	-11.57	AV	128.00	100	Horizontal	Pass
4	6916.000	56.16	1.85	74.0	-17.84	Peak	68.00	100	Horizontal	Pass
4**	6916.000	45.92	1.85	54.0	-8.08	AV	68.00	100	Horizontal	Pass
5	13806.500	56.33	5.73	74.0	-17.67	Peak	100.00	100	Horizontal	Pass
5**	13806.500	47.28	5.73	54.0	-6.72	AV	100.00	100	Horizontal	Pass
6	17799.999	55.97	2.91	74.0	-18.03	Peak	188.00	100	Horizontal	Pass
6**	17799.999	45.69	2.91	54.0	-8.31	AV	188.00	100	Horizontal	Pass

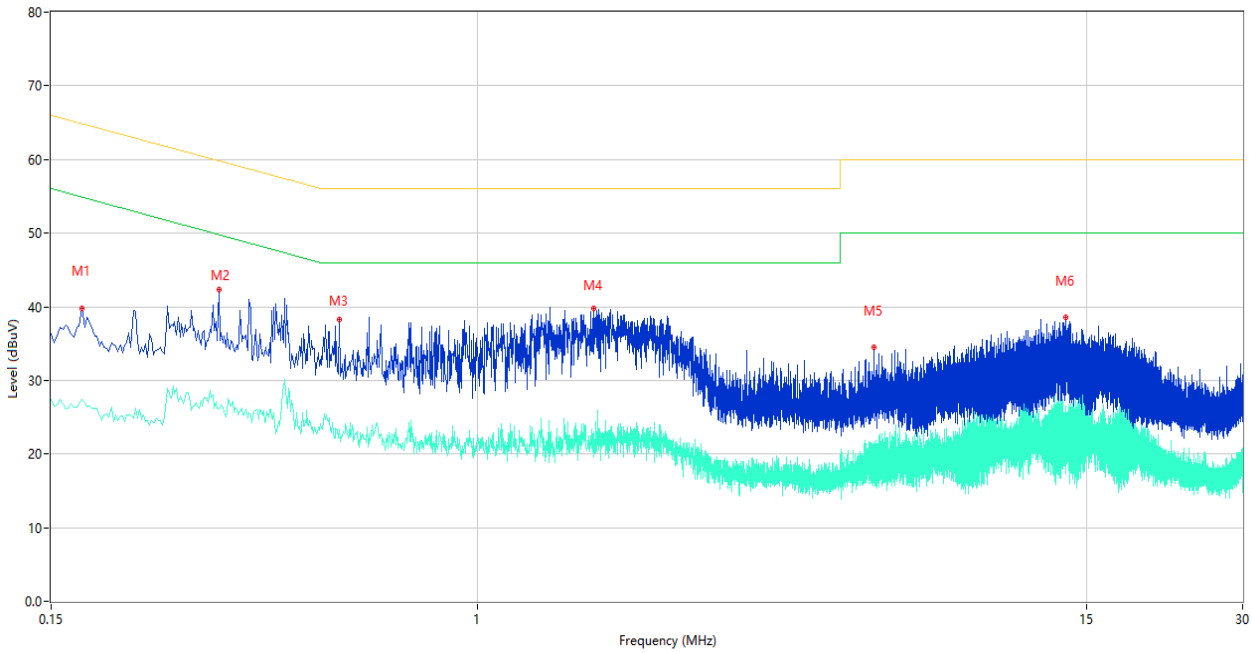
A.2 Conducted Emission

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

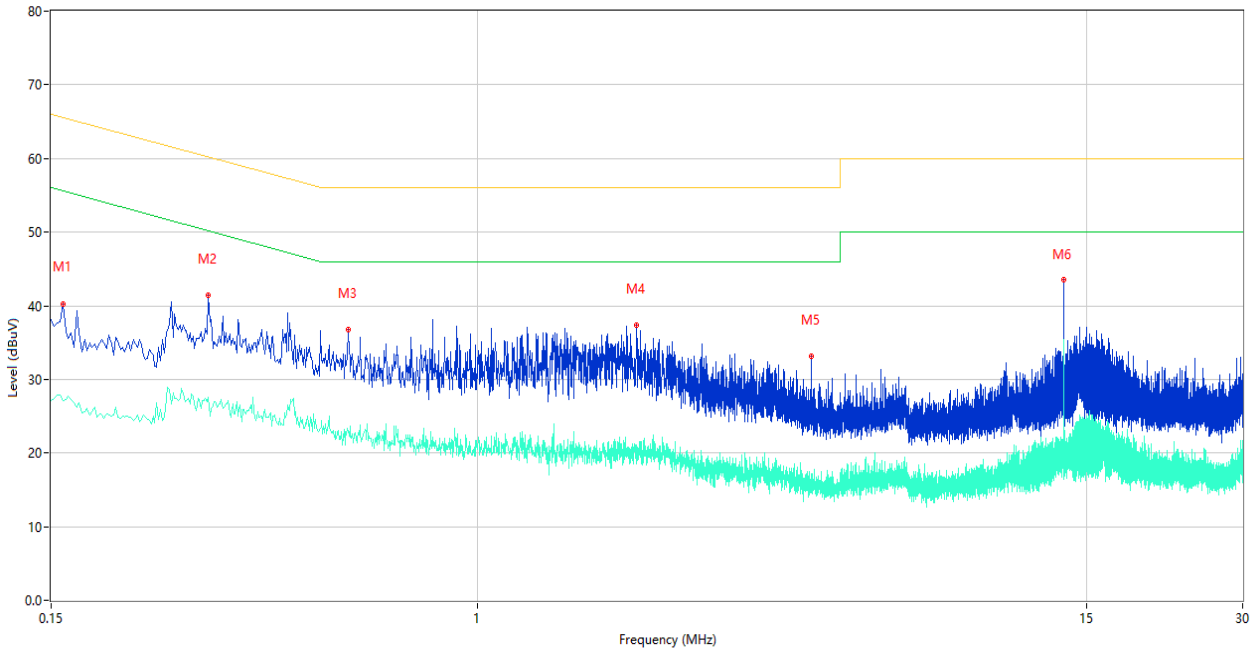
The Camera Test Mode

A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.172	39.84	10.15	64.86	-25.02	Peak	L	Pass
1**	0.172	27.46	10.15	54.86	-27.40	AV	L	Pass
2	0.316	42.34	10.07	59.81	-17.47	Peak	L	Pass
2**	0.316	26.01	10.07	49.81	-23.80	AV	L	Pass
3	0.540	38.24	10.10	56.00	-17.76	Peak	L	Pass
3**	0.540	23.32	10.10	46.00	-22.68	AV	L	Pass
4	1.678	39.73	9.91	56.00	-16.27	Peak	L	Pass
4**	1.678	22.87	9.91	46.00	-23.13	AV	L	Pass
5	5.812	34.51	10.05	60.00	-25.49	Peak	L	Pass
5**	5.812	21.64	10.05	50.00	-28.36	AV	L	Pass
6	13.638	38.50	10.12	60.00	-21.50	Peak	L	Pass
6**	13.638	23.71	10.12	50.00	-26.29	AV	L	Pass

A.2.2 N Phase

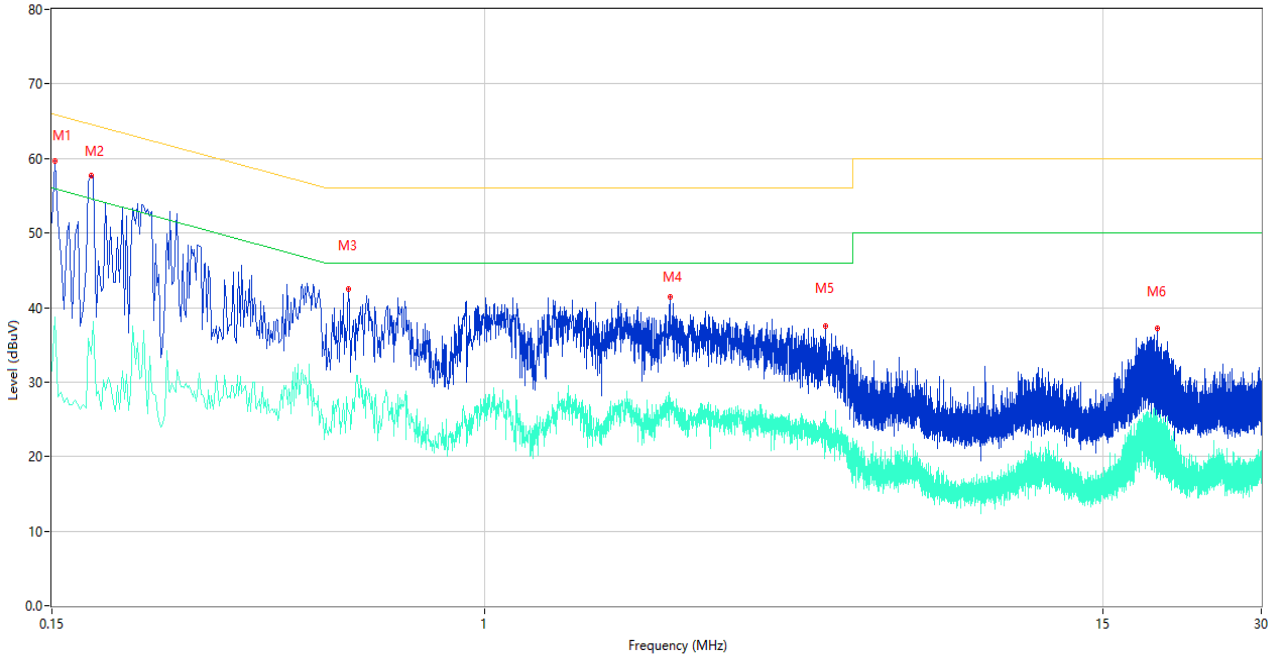


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.158	40.30	10.18	65.57	-25.27	Peak	N	Pass
1**	0.158	27.11	10.18	55.57	-28.46	AV	N	Pass
2	0.302	41.44	10.07	60.19	-18.75	Peak	N	Pass
2**	0.302	27.52	10.07	50.19	-22.67	AV	N	Pass
3	0.562	36.74	10.10	56.00	-19.26	Peak	N	Pass
3**	0.562	23.02	10.10	46.00	-22.98	AV	N	Pass
4	2.028	37.37	9.87	56.00	-18.63	Peak	N	Pass
4**	2.028	20.23	9.87	46.00	-25.77	AV	N	Pass
5	4.414	33.07	10.02	56.00	-22.93	Peak	N	Pass
5**	4.414	16.77	10.02	46.00	-29.23	AV	N	Pass
6	13.554	43.58	10.11	60.00	-16.42	Peak	N	Pass
6**	13.554	35.39	10.11	50.00	-14.61	AV	N	Pass

Test Data and Plots

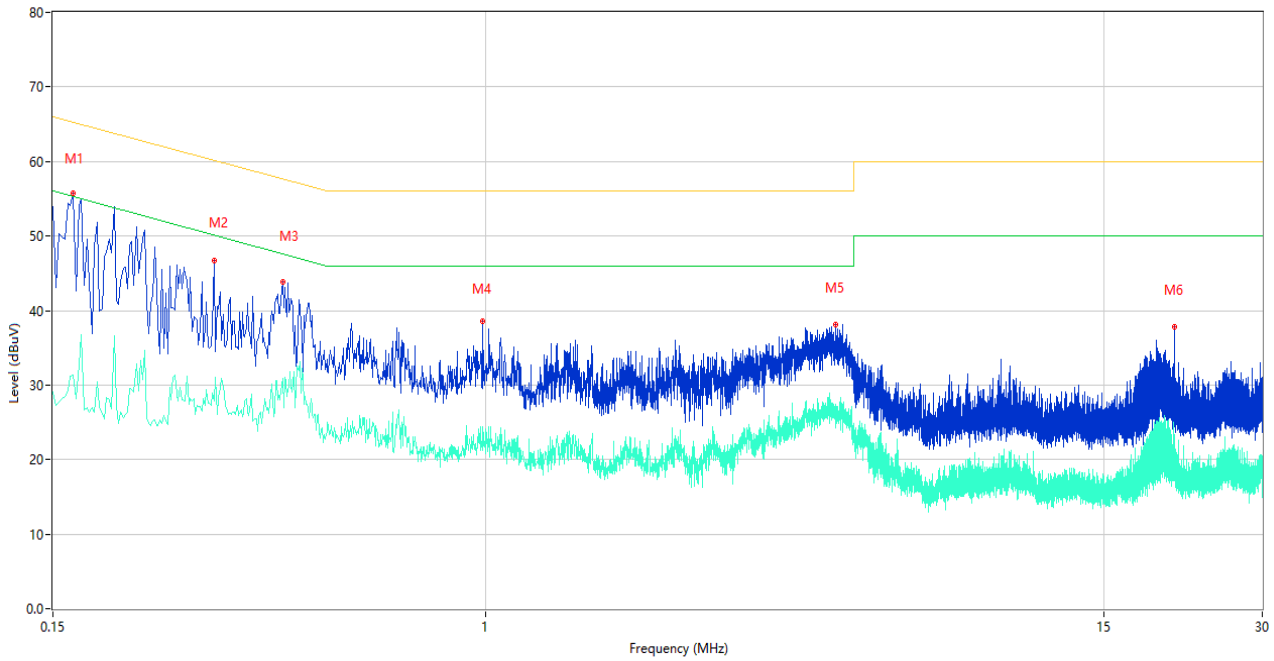
The USB Test Mode

A.2.3 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	59.60	10.19	65.89	-6.29	Peak	L	Pass
1**	0.152	38.65	10.19	55.89	-17.24	AV	L	Pass
2	0.178	57.65	10.14	64.58	-6.93	Peak	L	Pass
2**	0.178	33.70	10.14	54.58	-20.88	AV	L	Pass
3	0.550	42.51	10.10	56.00	-13.49	Peak	L	Pass
3**	0.550	26.16	10.10	46.00	-19.84	AV	L	Pass
4	2.248	41.36	9.91	56.00	-14.64	Peak	L	Pass
4**	2.248	27.91	9.91	46.00	-18.09	AV	L	Pass
5	4.440	37.58	10.02	56.00	-18.42	Peak	L	Pass
5**	4.440	22.49	10.02	46.00	-23.51	AV	L	Pass
6	19.046	37.19	10.22	60.00	-22.81	Peak	L	Pass
6**	19.046	24.37	10.22	50.00	-25.63	AV	L	Pass

A.2.4 N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.164	55.70	10.16	65.26	-9.56	Peak	N	Pass
1**	0.164	31.32	10.16	55.26	-23.94	AV	N	Pass
2	0.304	46.70	10.07	60.13	-13.43	Peak	N	Pass
2**	0.304	27.91	10.07	50.13	-22.22	AV	N	Pass
3	0.410	43.90	10.09	57.65	-13.75	Peak	N	Pass
3**	0.410	30.93	10.09	47.65	-16.72	AV	N	Pass
4	0.986	38.62	10.03	56.00	-17.38	Peak	N	Pass
4**	0.986	24.39	10.03	46.00	-21.61	AV	N	Pass
5	4.618	38.10	9.99	56.00	-17.90	Peak	N	Pass
5**	4.618	27.37	9.99	46.00	-18.63	AV	N	Pass
6	20.380	37.75	10.28	60.00	-22.25	Peak	N	Pass
6**	20.380	22.90	10.28	50.00	-27.10	AV	N	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2260422-AE-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2260422-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2260422-AI.PDF”.

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