

FCC

EMC

TEST REPORT

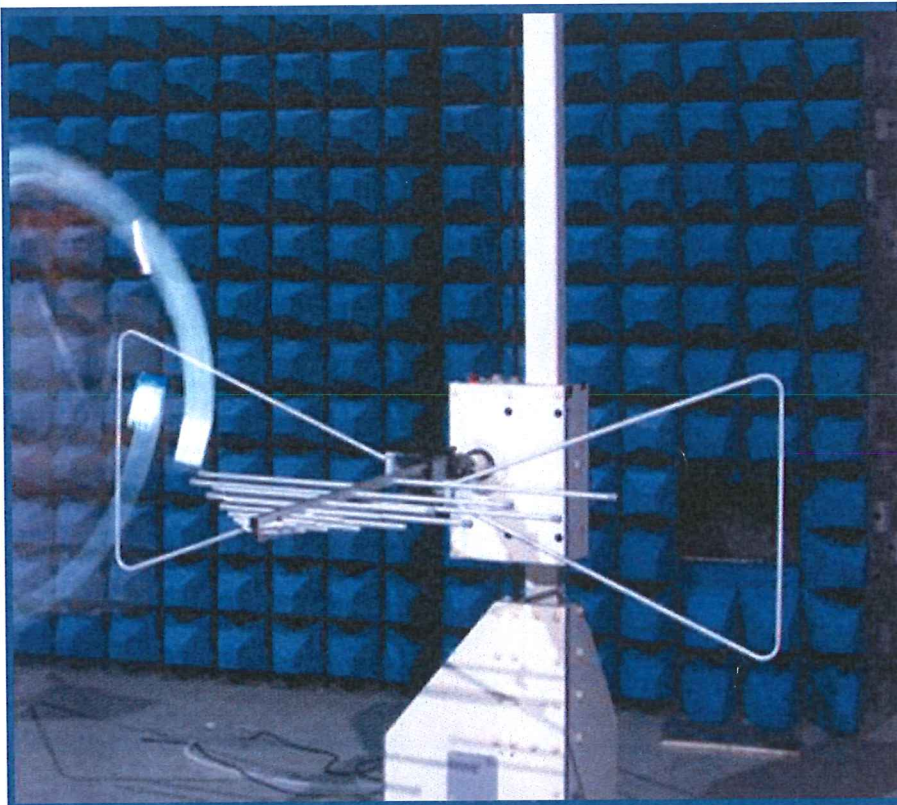
ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Rugged Tablet PC

ISSUED TO
Jiangsu SEUIC Technology Co., Ltd.

NO.15 Xinghuo Road, Nanjing New & High Technology Industry
Development Zone, 210061, Nanjing City, Jiangsu Province, China



Tested by: Xiong Chong
Xiong Chong

Date Feb. 04, 2021

Approved by: [Signature]

Liao Jianming
(Technical Director)

Date Feb. 04, 2021

Report No.: BL-SZ20C0943-401

EUT Name: Rugged Tablet PC

Model Name: AUTOID Pad Air

Brand Name: Seuic, AUTOID

Test Standard: 47 CFR Part 15 Subpart B

FCC ID: 2AC68-AUTOIDPAD

Test Conclusion: Pass

Test Date: Dec. 31, 2020 ~ Jan. 02, 2021

Date of Issue: Feb. 04, 2021

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. 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>Feb. 04, 2021</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.....	10
4.4	Test Configurations.....	11
4.5	Test Setups.....	12
4.6	Test Conditions.....	14
5	TEST ITEMS.....	15
5.1	Emission Tests.....	15
ANNEX A	TEST RESULTS.....	17

A.1	Radiated Emission.....	17
A.2	Conducted Emission.....	21
ANNEX B	TEST SETUP PHOTOS.....	23
ANNEX C	EUT EXTERNAL PHOTOS.....	23
ANNEX D	EUT INTERNAL PHOTOS.....	23

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	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, 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 to 25°C
Ambient Relative Humidity	45% to 55%
Ambient Pressure	100 kPa to 102 kPa

1.4 Announce

- (1) The test report refer to the BALUN report mode v7.0.
- (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.
- (7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Jiangsu SEUIC Technology Co., Ltd.
Address	NO.15 Xinghuo Road, Nanjing New & High Technology Industry Development Zone, 210061, Nanjing City, Jiangsu Province, China

2.2 Manufacturer Information

Manufacturer	Jiangsu SEUIC Technology Co., Ltd.
Address	NO.15 Xinghuo Road, Nanjing New & High Technology Industry Development Zone, 210061, Nanjing City, Jiangsu Province, China

2.3 Factory Information

Factory	Jiangsu SEUIC Technology Co., Ltd.
Address	3rd Floor, No.4 Building, Zhicheng Industrial Park, Zhida Road, Nanjing Jiangbei New Area, Nanjing City, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Rugged Tablet PC
Model Name Under Test	AUTOID Pad Air
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	N/A
	Model No.	D520
	Serial No.	N/A
	Capacity	9800 mAh
	Rated Voltage	3.85 V
	Limit Charge Voltage	4.4 V
Ancillary Equipment 2	Adapter	
	Brand Name	N/A
	Model No.	JHD-AP030U-PD-CF501
	Serial No.	N/A
	Rated Input	100-240 V~, 1 A, 50/60 Hz
	Rated Output	5 V= 3 A or 9 V= 3 A or 12 V= 2.5 A or 15 V= 2 A or 20 V= 1.5 A
Ancillary Equipment 3	TYPE-C Cable	
	Model No.	N/A
	Length (Approx.)	1 m

2.6 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EGPRS 850/1900 MHz 3G Network CDMA 1x Band Class 0 EVDO Rel. 0/Rev. A Band Class 0 WCDMA/HSDPA/HSUPA Band 2/5 4G Network FDD LTE Band 5/7 TDD LTE Band 38/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/2A/2C/3, NFC, GPS, GLONASS
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The requirement for the following technical information of the EUT was tested in this report:

The Highest Speed of Processor	2.2 GHz
About the Product	The equipment is Rugged Tablet PC, intended for used with information technology equipment.

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	FCC 47 CFR Part 15 Subpart B (10-1-19 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)	2.96 dB
Radiated emissions (30 MHz-1 GHz)	3.67 dB
Radiated emissions (1 GHz-18 GHz)	3.57 dB
Radiated emissions (18 GHz-40 GHz)	5.16 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 to 25°C	AC 120 V/60 Hz or DC 3.85 from Battery	50% to 55%	100 kPa to 102 kPa

4.2 Test Equipment List

Radiated Emission Test For Frequency Below 1 GHz (10 m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWA RZ	ESRP	101036	2020.06.09	2021.06.08	☒
Test Antenna- Bi-Log	SCHWARZBECK	VULB 9168	9168-0883	2020.05.11	2022.05.10	☒
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2018.08.08	2021.08.07	☒
Test Software	BALUN	BL410_E	V19.918	--	--	☒

Radiated Emission Test For Frequency Below 1 GHz (3 m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.09.18	2021.09.17	☐
Test Antenna- Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2021.07.01	☐
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2018.07.18	2021.07.27	☐
Test Software	BALUN	BL410_E	V19.918	--	--	☐

Radiated Emission Test For Frequency 1 GHz-18 GHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.09.18	2021.09.17	☒
Test Antenna- Horn	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2021.07.01	☒
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2018.07.18	2021.07.17	☒
Test Software	BALUN	BL410_E	V19.918	--	--	☒

Radiated Emission Test For Frequency Above 18 GHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE & SCHWARZ	FSV40	101544	2020.02.19	2021.02.18	☒
Test Antenna-Horn	A-INFOMW	LB-180400KF	J211060273	2019.01.05	2021.01.04	☒
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2018.07.18	2021.07.17	☒
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	2020.06.08	2021.06.07	☒
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.06.09	2021.06.08	☒
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.4m*3.1m*2.8m	N/A	2018.08.16	2021.08.15	☒
Test Software	BALUN	BL410_E	V19.918	--	--	☒

4.3 Test Enclosure list

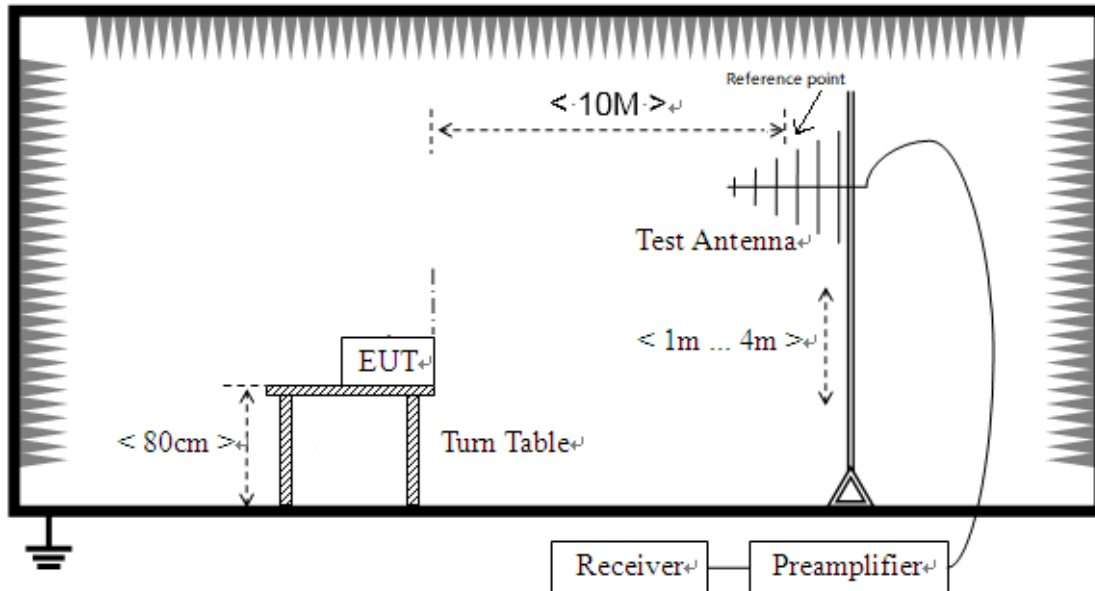
Description	Manufacturer	Model	Serial No.	Length	Description	Use
PC	Dell	015K3N	N/A	N/A	Special Handled	☐
Laptop	Apple	A1465	N/A	N/A	N/A	☒
Printer	HP	DESKJET 1000	N/A	N/A	N/A	☐
Keyboard	Logitech	Y-BP62a	N/A	N/A	N/A	☐
Mouse	Logitech	M100	N/A	N/A	N/A	☐
USB disk	Kingston	N/A	N/A	N/A	N/A	☐
TF Card	Kingston	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	☐
Wireless Communication s Test Set	R&S	CMW500	142028	N/A	Cal. Due 2019.06.14	☐
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 GSM 850 MHz RX Test Mode</u> GSM 850 MHz RX + EUT +Adapter + TYPE-C Cable + Battery + TF card + GPS RX
TC02	<u>The CDMA BC0 RX Test Mode</u> CDMA BC0 RX + EUT + Adapter + TYPE-C Cable + Battery + TF card + GLONASS RX
TC03	<u>The EVDO BC0 RX Test Mode</u> EVDO BC0 RX + EUT + Adapter + TYPE-C Cable + Battery + TF card + GPS RX
TC04	<u>The WCDMA Band 5 RX Test Mode</u> WCDMA Band 5 RX + EUT+ Adapter + TYPE-C Cable + Battery + TF card + GLONASS RX
TC05	<u>The FDD LTE Band 5 RX Test Mode</u> LTE Band 5 RX + EUT+ Adapter + TYPE-C Cable + Battery + TF card + GPS RX
TC06	<u>The Camera Test Mode</u> EUT + Battery + TYPE-C Cable + TF Card + Adapter
TC07	<u>The Video Play Test Mode</u> EUT + Battery + TYPE-C Cable + TF Card + Adapter
TC08	<u>The USB Test Mode</u> EUT + Battery + TYPE-C Cable + TF Card + Laptop

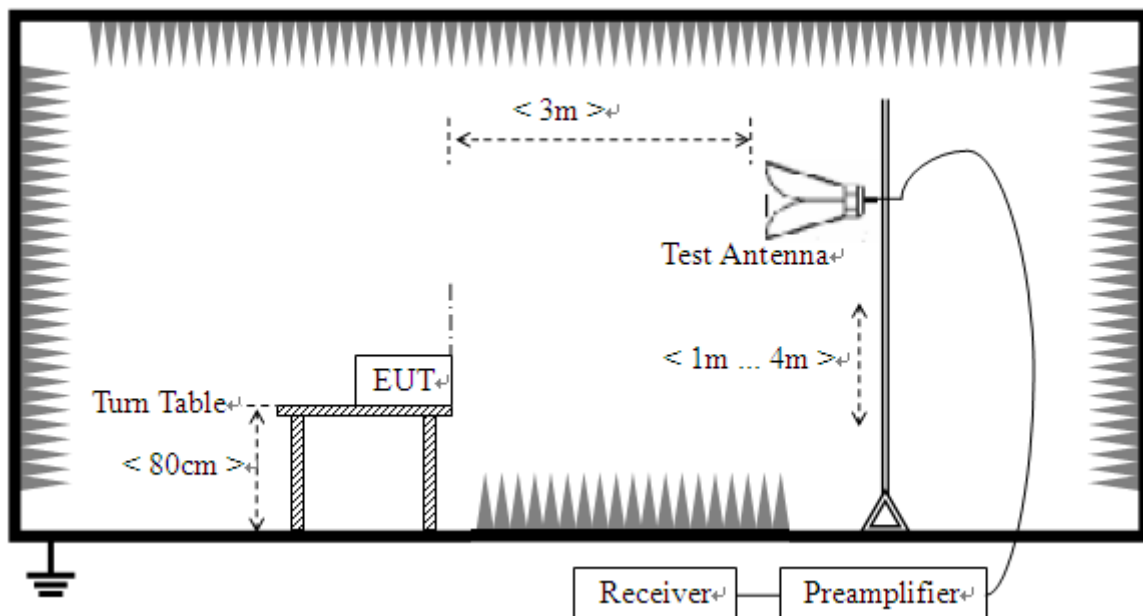
4.5 Test Setups

Test Setup 1



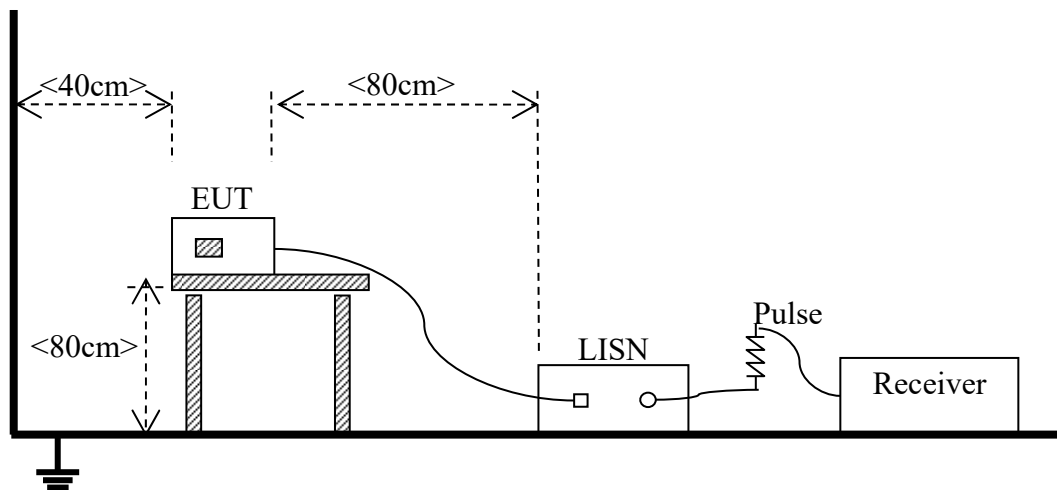
(For Radiated Emission Test (30 MHz-1 GHz))

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~TC08 ^{Note}
Conducted Emission, AC Ports	Test Env.	NTNV
	Test Setup	Test Setup 3
	Test Configuration	TC01~TC08 ^{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.

NOTE:

1. Results (dB $\mu\text{V/m}$) = Reading (dB μV) + 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.

5.1.2.4 Test Result

Please refer to ANNEX A.2.

NOTE:

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

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.

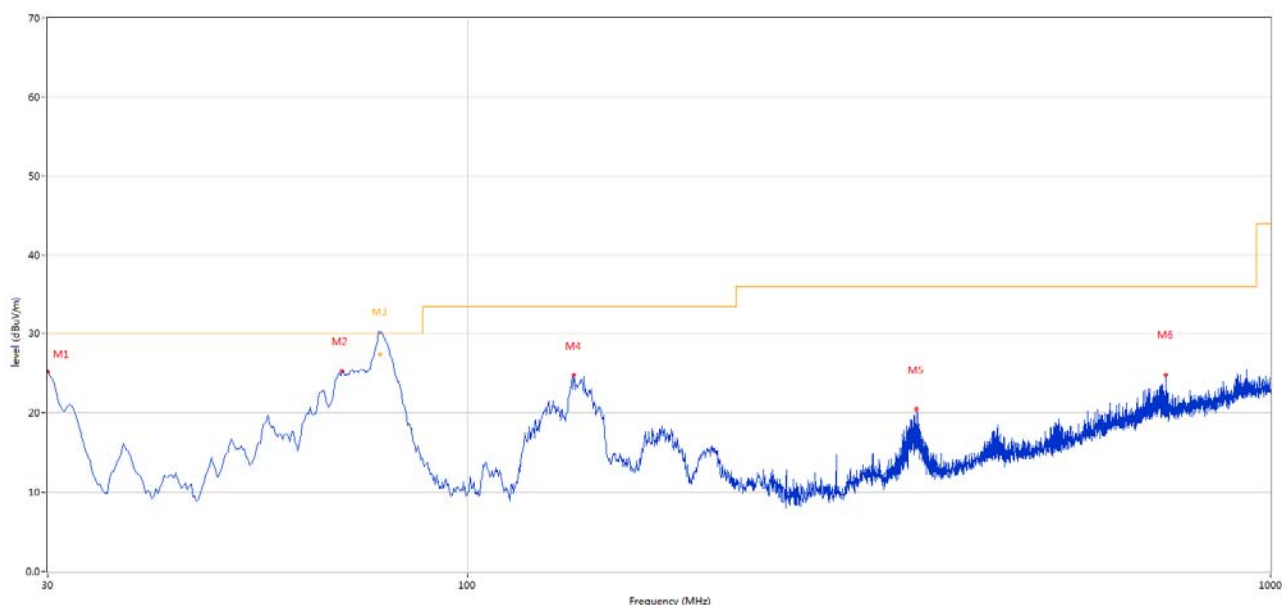
Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Test Data and Plots

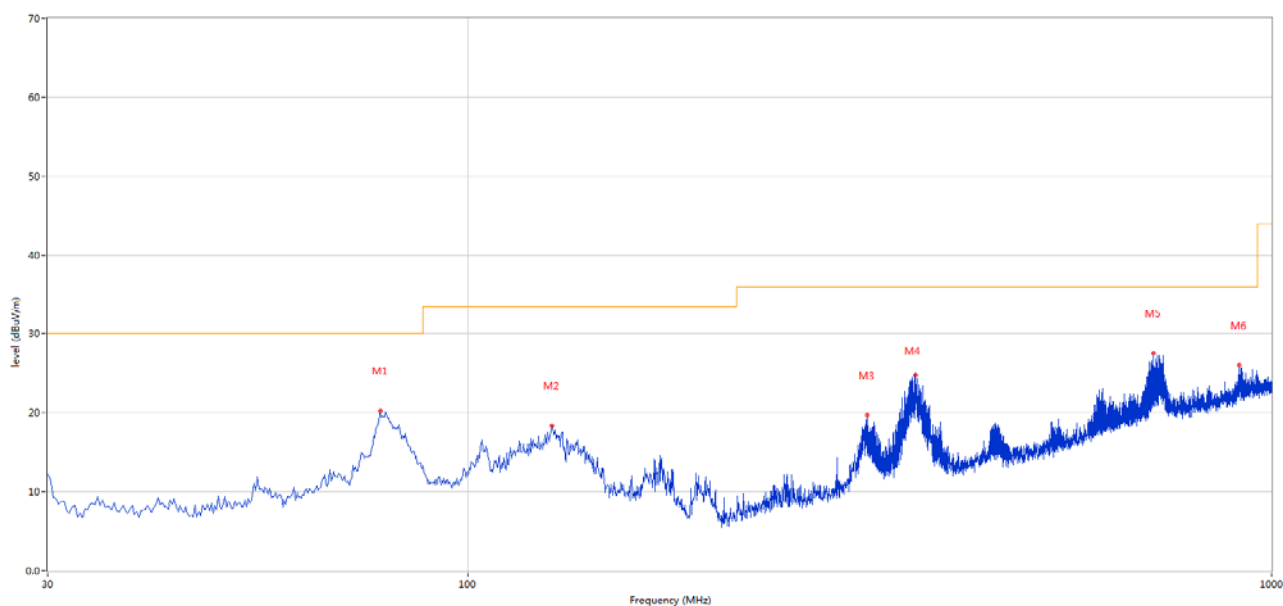
The Camera Test Mode

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



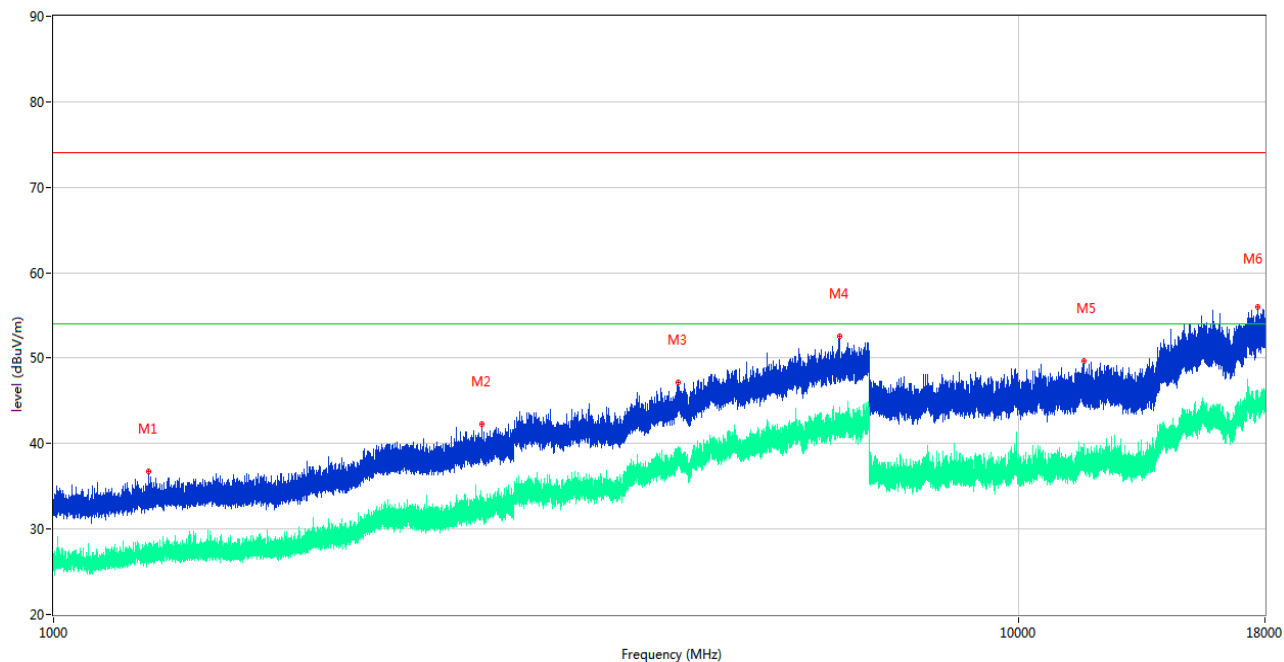
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.000	25.13	-27.47	30.0	-4.87	Peak	114.00	100	Vertical	Pass
2	69.760	25.30	-29.71	30.0	-4.70	Peak	140.00	400	Vertical	Pass
3	77.865	29.59	-30.89	30.0	-0.41	Peak	191.00	390	Vertical	N/A
3*	77.865	26.98	-30.89	30.0	-3.02	QP	191.00	390	Vertical	Pass
4	135.704	24.79	-26.95	33.5	-8.71	Peak	360.00	300	Vertical	Pass
5	362.627	20.40	-24.09	36.0	-15.60	Peak	240.00	100	Vertical	Pass
6	740.105	24.78	-15.23	36.0	-11.22	Peak	169.00	300	Vertical	Pass

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



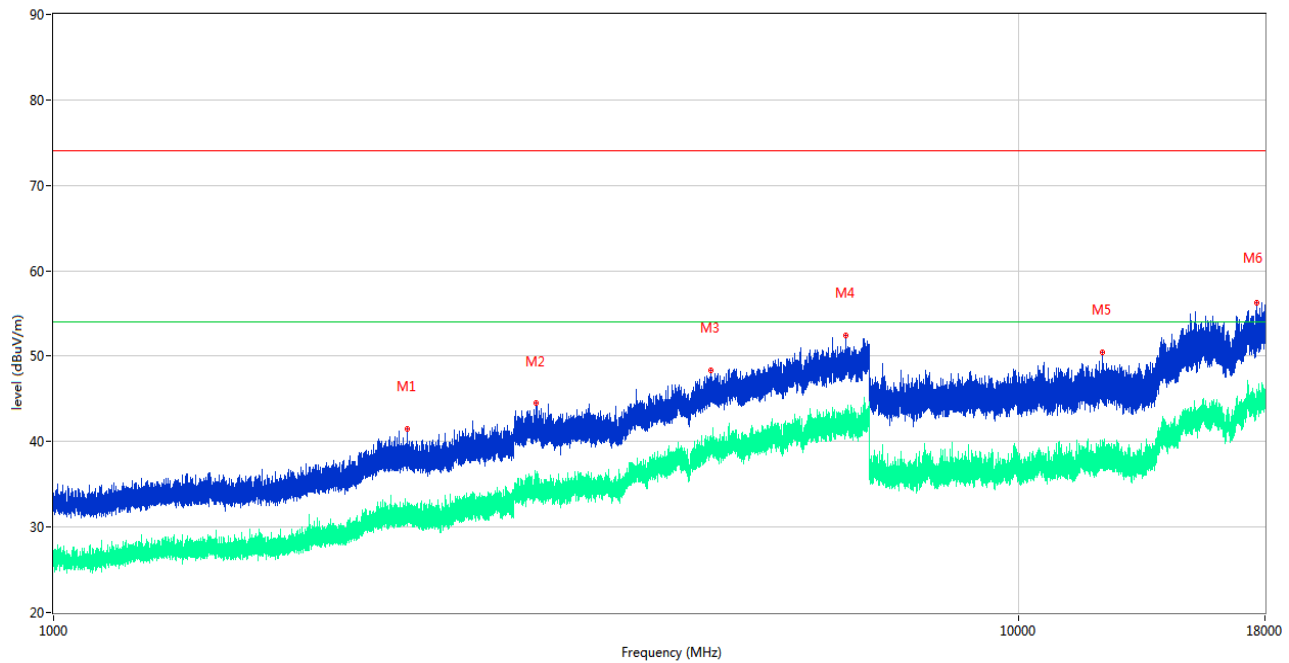
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	77.761	20.22	-30.94	30.0	-9.78	Peak	0.00	400	Horizontal	Pass
2	127.218	18.37	-27.39	33.5	-15.13	Peak	0.00	400	Horizontal	Pass
3	313.654	19.66	-25.45	36.0	-16.34	Peak	260.00	300	Horizontal	Pass
4	360.445	24.72	-24.17	36.0	-11.28	Peak	99.00	300	Horizontal	Pass
5	712.467	27.48	-15.70	36.0	-8.52	Peak	235.00	100	Horizontal	Pass
6	910.782	25.98	-12.26	36.0	-10.02	Peak	119.00	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	1256.100	36.76	-14.97	74.0	-37.24	Peak	326.00	100	Vertical	Pass
1**	1256.100	26.09	-14.97	54.0	-27.91	AV	326.00	100	Vertical	Pass
2	2779.800	42.22	-8.52	74.0	-31.78	Peak	213.00	100	Vertical	Pass
2**	2779.800	32.28	-8.52	54.0	-21.72	AV	213.00	100	Vertical	Pass
3	4441.600	47.15	-2.12	74.0	-26.85	Peak	278.00	100	Vertical	Pass
3**	4441.600	38.51	-2.12	54.0	-15.49	AV	278.00	100	Vertical	Pass
4	6518.200	52.54	2.82	74.0	-21.46	Peak	2.00	100	Vertical	Pass
4**	6518.200	40.89	2.82	54.0	-13.11	AV	2.00	100	Vertical	Pass
5	11692.862	49.64	19.91	74.0	-24.36	Peak	201.00	100	Vertical	Pass
5**	11692.862	37.85	19.91	54.0	-16.15	AV	201.00	100	Vertical	Pass
6	17691.562	56.03	24.44	74.0	-17.97	Peak	280.00	100	Vertical	Pass
6**	17691.562	44.94	24.44	54.0	-9.06	AV	280.00	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	2327.300	41.49	-10.12	74.0	-32.51	Peak	171.00	100	Horizontal	Pass
1**	2327.300	31.20	-10.12	54.0	-22.80	AV	171.00	100	Horizontal	Pass
2	3163.200	44.58	-6.08	74.0	-29.42	Peak	263.00	100	Horizontal	Pass
2**	3163.200	34.05	-6.08	54.0	-19.95	AV	263.00	100	Horizontal	Pass
3	4794.000	48.41	-1.54	74.0	-25.59	Peak	53.00	100	Horizontal	Pass
3**	4794.000	39.11	-1.54	54.0	-14.89	AV	53.00	100	Horizontal	Pass
4	6619.000	52.39	3.72	74.0	-21.61	Peak	219.00	100	Horizontal	Pass
4**	6619.000	42.10	3.72	54.0	-11.90	AV	219.00	100	Horizontal	Pass
5	12214.388	50.43	20.44	74.0	-23.57	Peak	264.00	100	Horizontal	Pass
5**	12214.388	38.25	20.44	54.0	-15.75	AV	264.00	100	Horizontal	Pass
6	17652.976	56.23	24.24	74.0	-17.77	Peak	227.00	100	Horizontal	Pass
6**	17652.976	43.89	24.24	54.0	-10.11	AV	227.00	100	Horizontal	Pass

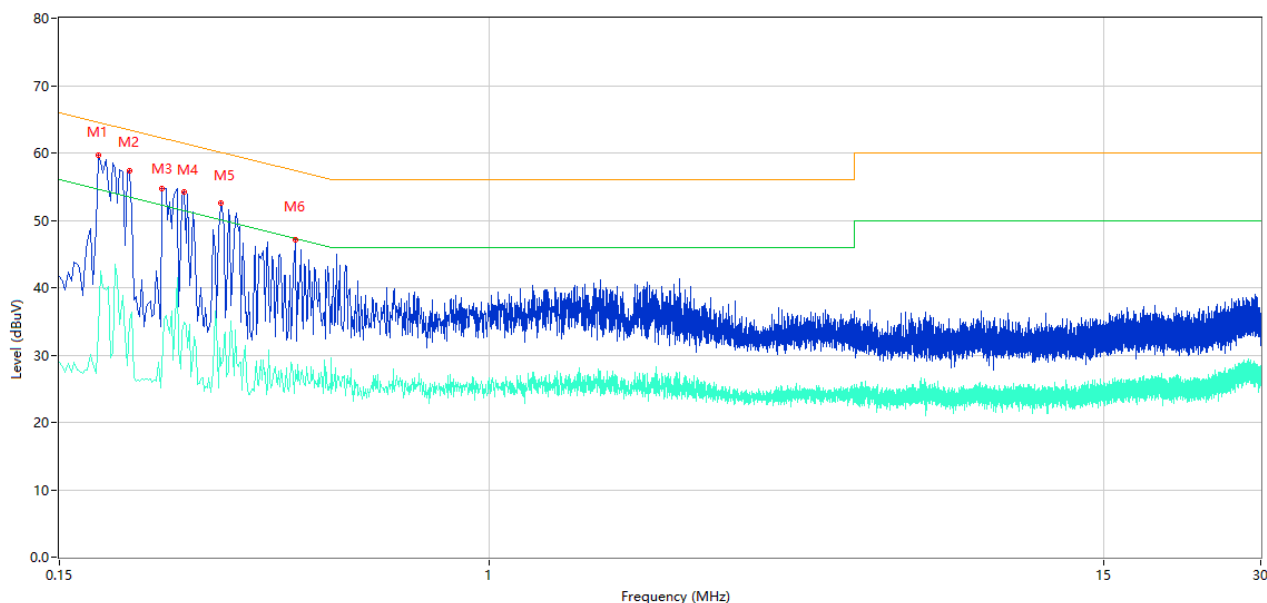
A.2 Conducted Emission

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

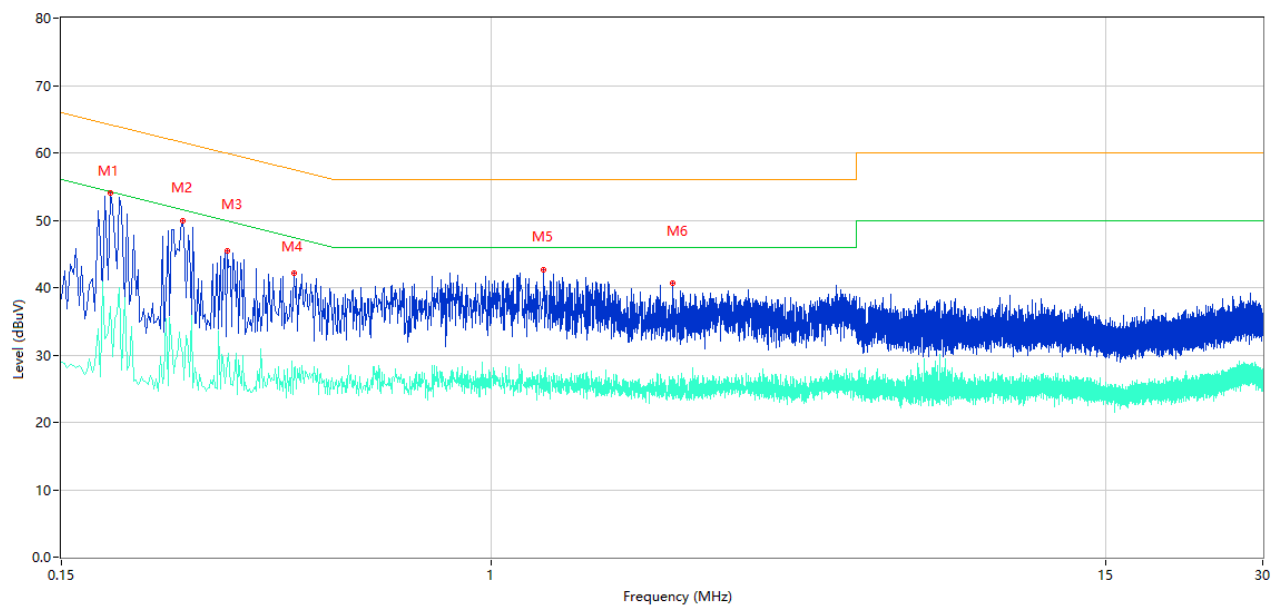
The Camera Test Mode

A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.178	59.62	10.39	64.58	-4.96	Peak	L	Pass
1**	0.178	33.47	10.39	54.58	-21.11	AV	L	Pass
2	0.204	57.32	10.38	63.45	-6.13	Peak	L	Pass
2**	0.204	35.10	10.38	53.45	-18.35	AV	L	Pass
3	0.236	54.76	10.35	62.24	-7.48	Peak	L	Pass
3**	0.236	28.06	10.35	52.24	-24.18	AV	L	Pass
4	0.260	54.27	10.34	61.43	-7.16	Peak	L	Pass
4**	0.260	34.84	10.34	51.43	-16.59	AV	L	Pass
5	0.306	52.51	10.33	60.08	-7.57	Peak	L	Pass
5**	0.306	28.40	10.33	50.08	-21.68	AV	L	Pass
6	0.424	47.08	10.31	57.37	-10.29	Peak	L	Pass
6**	0.424	27.75	10.31	47.37	-19.62	AV	L	Pass

A.2.2 N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.186	54.05	10.39	64.21	-10.16	Peak	N	Pass
1**	0.186	37.16	10.39	54.21	-17.05	AV	N	Pass
2	0.256	49.87	10.34	61.56	-11.69	Peak	N	Pass
2**	0.256	30.15	10.34	51.56	-21.41	AV	N	Pass
3	0.312	45.44	10.33	59.92	-14.48	Peak	N	Pass
3**	0.312	28.93	10.33	49.92	-20.99	AV	N	Pass
4	0.418	42.15	10.31	57.49	-15.34	Peak	N	Pass
4**	0.418	28.14	10.31	47.49	-19.35	AV	N	Pass
5	1.260	42.58	10.25	56.00	-13.42	Peak	N	Pass
5**	1.260	25.96	10.25	46.00	-20.04	AV	N	Pass
6	2.220	40.61	10.27	56.00	-15.39	Peak	N	Pass
6**	2.220	26.85	10.27	46.00	-19.15	AV	N	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ20C0943-AE.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ20C0943-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ20C0943-AI.PDF".

--END OF REPORT--