FCC

EMC

TEST REPORT

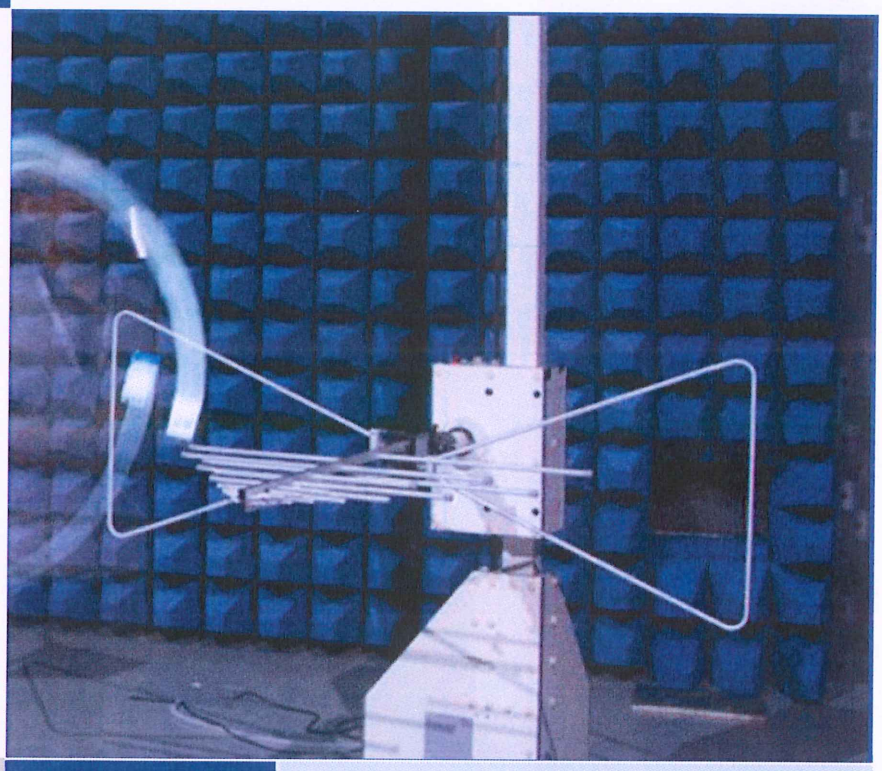
ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

Teeth Whitening

ISSUED TO
Foresold LLC

4602 E Elwood St. Suite 16 Phoenix Arizona 85040



Tested by: Xia Long
(Engineer)
Date: Jan. 28, 2019

Approved by: Wei Yanquan
(Chief Engineer)
Date: Jan. 28. 2019

Report No.:	BL-HK18B0340-402
EUT Name:	Teeth Whitening
Model Name:	SD3001M, SD3001C
Brand Name:	Snow
Test Standard:	47 CFR Part 18
FCC ID:	2ARYT-SD3001C
Test Conclusion:	Pass
Test Date:	Nov. 27, 2018 ~ Dec. 10, 2018
Date of Issue:	Jan. 28, 2019

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.

Block B, 1st FL,Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong, P. R. China 518055
TEL: +86-755-66850100, FAX: +86-755-61824271
Email: qc@baluntek.com
www.baluntek.com

Revision History

Version	Issue Date	Revisions
Rev. 01	Jan. 28, 2019	Initial Issue

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 6
2.1 Applicant Information 6
2.2 Manufacturer Information 6
2.3 Factory Information 6
2.4 General Description for Equipment under Test (EUT) 6
2.5 Ancillary Equipment 6
2.6 Technical Information 7
3 SUMMARY OF TEST RESULTS 8
3.1 Test Standards 8
3.2 Verdict 8
3.3 Test Uncertainty 8
4 GENERAL TEST CONFIGURATIONS 9
4.1 Test Environments 9
4.2 Test Equipment List 9
4.3 Test Enclosure list 10
4.4 Test Configurations 11
4.5 Test Setups 12
4.6 Test Conditions 13
5 TEST ITEMS 14
5.1 Emission Tests 14

ANNEX A TEST RESULTS 18
A.1 Radiated Emission 18
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	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory is a testing organizatin accredited by FCC as a accredited testing laboratory. The designation number is CN1196. 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. 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℃ to 25℃
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 v2.2.

(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	Foresold LLC
Address	4602 E Elwood St. Suite 16 Phoenix Arizona 85040

2.2 Manufacturer Information

Manufacturer	Foresold LLC
Address	4602 E Elwood St. Suite 16 Phoenix Arizona 85040

2.3 Factory Information

Factory	Ablelink Electronics Limited
Address	182 Qingzhang Road, Chang Shan Tou, QingXi Town, Dongguan

2.4 General Description for Equipment under Test (EUT)

EUT Name	Teeth Whitening
Model Name Under Test	SD3001M (Mouth), SD3001C (Cradle)
Series Model Name	N/A
Description of model name differentiation	N/A
Hardware Version	V1.0
Software Version	V1.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	Anqiao
	Model No.	4311309
	Serial No.	N/A
	Capacity	110 mAh
	Rated Voltage	3.7 V
	Limit Charge Voltage	4.2 V
Ancillary Equipment 2	USB Cable	
	Length (Approx.)	0.85 m

2.6 Technical Information

Network and Wireless connectivity	QI

The requirement for the following technical information of the EUT was tested in this report:

Operating Frequency	110 kHz - 125 kHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Antenna Type	Coil Antenna
Antenna Gain	-3 dBm

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 18	INDUSTRIAL, SCIENTIFIC, AND MEDICAL EQUIPMENT
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	FCC/OST MP-5:1986	Methods of Measurements of Radio Noise Emissions from ISM equipment

3.2 Verdict

No.	Description	FCC Rule	Test Verdict	Result
1	Radiated Emission	18.305	Pass	Annex A.1
3	Conducted Emission	18.307	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 to 25°C	AC 120 V/60 Hz or DC 3.7 V from Battery or DC 5 V from USB port	50% to 55%	100 kPa to 102 kPa

4.2 Test Equipment List

Radiated Emission Test For Frequency Below 30 MHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2018.06.13	2019.06.12	☒
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2017.07.22	2019.07.21	☒
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2018.08.08	2019.08.07	☒
Test Software	BALUN	BL410_E	V18.626	--	--	☒

Radiated Emission Test For Frequency Above 30 MHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2018.06.13	2019.06.12	☒
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-977	2017.07.22	2019.07.21	☒
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	9120D-1600	2018.07.11	2020.07.10	☐
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2018.08.08	2019.08.07	☒
Test Software	BALUN	BL410_E	V18.626	--	--	☒

Conducted Emission Test						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2018.06.13	2019.06.12	☒
LISN	SCHWARZBECK	NSLK 8127	8127-687	2018.06.13	2019.06.12	☒
LISN	SCHWARZBECK	NNLK 8129	8129-462	2018.11.07	2019.11.06	☐
ISN	TESEQ	ISN T800	34449	2018.12.04	2019.12.03	☐
Shielded Enclosure	ChangNing	CN-130701	130703	N/A	N/A	☒
Test Software	BALUN	BL410_E	V18.626	--	--	☒

4.3 Test Enclosure list

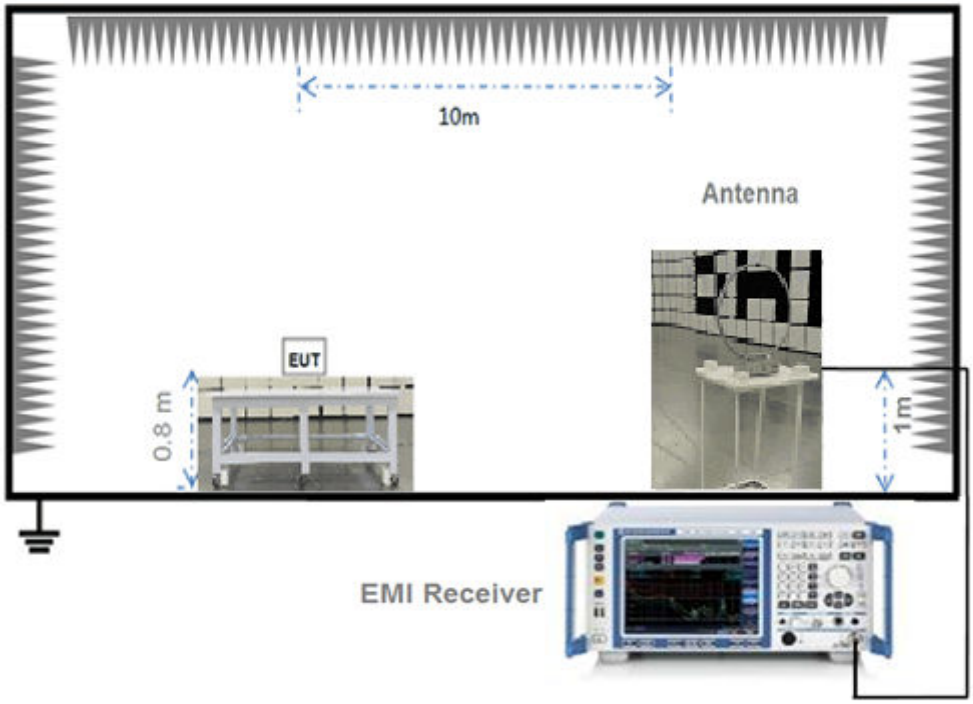
Description	Manufacturer	Model	Serial No.	Length	Description	Use
PC	N/A	N/A	N/A	N/A	Special Handled	☐
Laptop	Apple	A1465	N/A	N/A	N/A	☐
Printer	HP	DESKJET 1000	N/A	N/A	N/A	☐
Keyboard	Logitech	Y-BP62a	N/A	N/A	N/A	☐
Mouse	Logitech	M100	N/A	N/A	N/A	☐
USB disk	Kingston	N/A	N/A	N/A	N/A	☐
TF Card	Kingston	N/A	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	☐
Laptop	LENOVO	K29	N/A	N/A	N/A	☐
Bluetooth Earphone	SAMSUNG	Gear Circle	N/A	N/A	N/A	
Wireless Communications Test Set	R&S	CMW500	142028	N/A	Cal. Due 2018.06.11	☐
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	ROHDE&SCHWARZ	HMP2020	18141664	N/A	N/A	☐
Adapter	OPPO	AK933GB	N/A	N/A	N/A	☒

4.4 Test Configurations

Test Configurations (TC) No.	Description
TC01	Mode 1 EUT (Only charging box, no braces) + USB Cable + Adapter
TC02	Mode 2 EUT (With charging box and braces) + Battery + USB Cable + Adapter

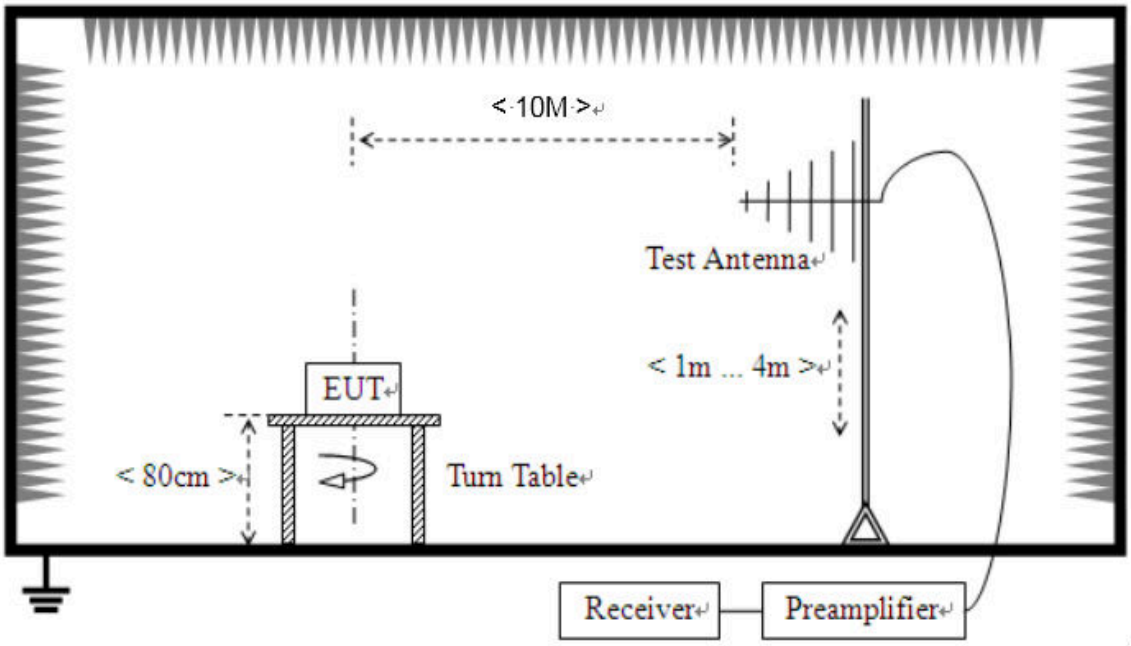
4.5 Test Setups

Test Setup 1



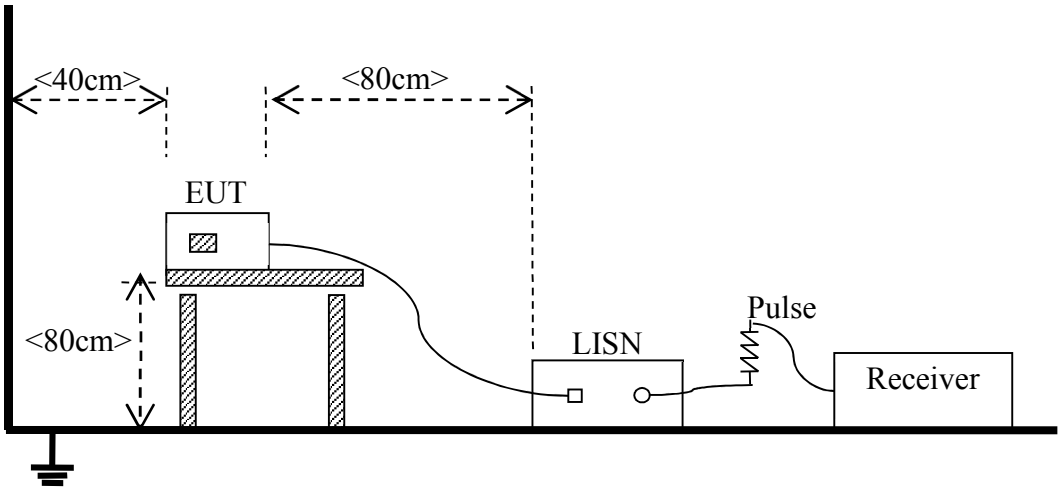
(For Radiated Emission Test (below 30 MHz))

Test Setup 2



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

Test Setup 3



(For Conducted Emission)

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	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.		

5 TEST ITEMS

5.1 Emission Tests

5.1.1 Field strength limits

5.1.1.1 The field strength levels of emissions which lie outside the bands specified in § 18.301, unless otherwise indicated, shall not exceed the following:

ISM Frequency of § 18.301

ISM frequency	Tolerance
6.78 MHz	±15.0 kHz
13.56 MHz	±7.0 kHz
27.12 MHz	±163.0 kHz
40.68 MHz	±20.0 kHz
915 MHz	±13.0 MHz
2,450 MHz	±50.0 MHz
5,800 MHz	±75.0 MHz
24,125 MHz	±125.0 MHz
61.25 GHz	±250.0 MHz
122.50 GHz	±500.0 MHz
245.00 GHz	±1.0 GHz

Equipment	Operating frequency	RF Power generated By equipment (watts)	Field strength limit (uV/m)(distance)
Any type unless otherwise specified (miscellaneous)	Any ISM frequency	Below 500	25 (300m)
		500 or more	25 × SQRT(power/500) (300m)[1]
	Any non-ISM frequency	Below 500	15 (300m)
		500 or more	15 × SQRT(power/500) (300m)[1]
Industrial heaters and RF stabilized arc welders	On or below 5,725 MHz	any	10 (1600m)
	Above 5,725 MHz	any	(2)
Medical diathermy	Any ISM frequency	any	25 (300m)
	Any non-ISM frequency	any	15 (300m)
Ultrasonic	Below 490 kHz	Below 500	2,400/F(kHz) (300m)
		500 or more	2,400/F(kHz) × SQRT(power/500) (300m)[3]
Induction cooking ranges	490 to 1,600 kHz	any	24,000/F(kHz) (30m)
	Above 1,600 kHz	any	15 (30m)
	Below 90 kHz	any	1500 (30m)[4]
	On or above 90 kHz	any	300 (30m)[4]

1 Field strength may not exceed 10 μV/m at 1600 meters. Consumer equipment operating below 1000 MHz is not

permitted the increase in field strength otherwise permitted here for power over 500 watts.
2 Reduced to the greatest extent possible.
3 Field strength may not exceed 10 μV/m at 1600 meters. Consumer equipment is not permitted the increase in field strength otherwise permitted here for over 500 watts.
4 Induction cooking ranges manufactured prior to February 1, 1980, shall be subject to the field strength limits for miscellaneous ISM equipment.
For example, Any non-ISM frequency Emission level(10m) dBuV/m for 0.009~30MHz = 20log (15) + 40log (300/10) dBuV/m = 82.5 dBuV/m; Any ISM frequency Emission level(10m) dBuV/m for 0.009~30MHz = 20log (25) + 40log (300/10) dBuV/m = 87 dBuV/m

The field strength limits for RF lighting devices shall be the following:

Consumer equipment

Frequency (MHz)	Field Strength (μV/m @30m)	Field Strength (dBμV/m @30m)	Field Strength (dBμV/m @10m)	Field Strength (dBμV/m @3m)
30-88	10	20	29.5	40
88-216	15	23.5	33.0	43.5
216-1000	20	26	35.5	46

Non-consumer equipment

Frequency (MHz)	Field Strength (μV/m @30m)	Field Strength (dBμV/m @30m)	Field Strength (dBμV/m @10m)	Field Strength (dBμV/m @3m)
30-88	30	29.5	39	49.5
88-216	50	34	43.5	54
216-1000	70	37	46.5	57

Note: The more stringent limit applies at transition frequencies.

5.1.1.2 Test Setup

Refer to 4.5 section (test setup 1) 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 (dBuV/m) = Reading (dBuV) + 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

All Induction cooking ranges and ultrasonic equipment

Frequency (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.009-0.05	110	--
0.05-0.15	90-80*	--
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

NOTE*: Decreases with the logarithm of the frequency.

All other part 18 consumer devices

Frequency (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

NOTE*: Decreases with the logarithm of the frequency.

RF lighting devices

Frequency (MHz)	Maximum RF line voltage measured with a 50 uH/50 ohm LISN (uV)	Maximum RF line voltage measured with a 50 uH/50 ohm LISN (dBμV)
Non-consumer equipment		
0.45-1.6	1000	60
1.6-30	3000	70
Consumer equipment		
0.45-2.51	250	48
2.51-3	3000	70
3-30	250	48

NOTE*: Decreases with the logarithm of the frequency.

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.

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

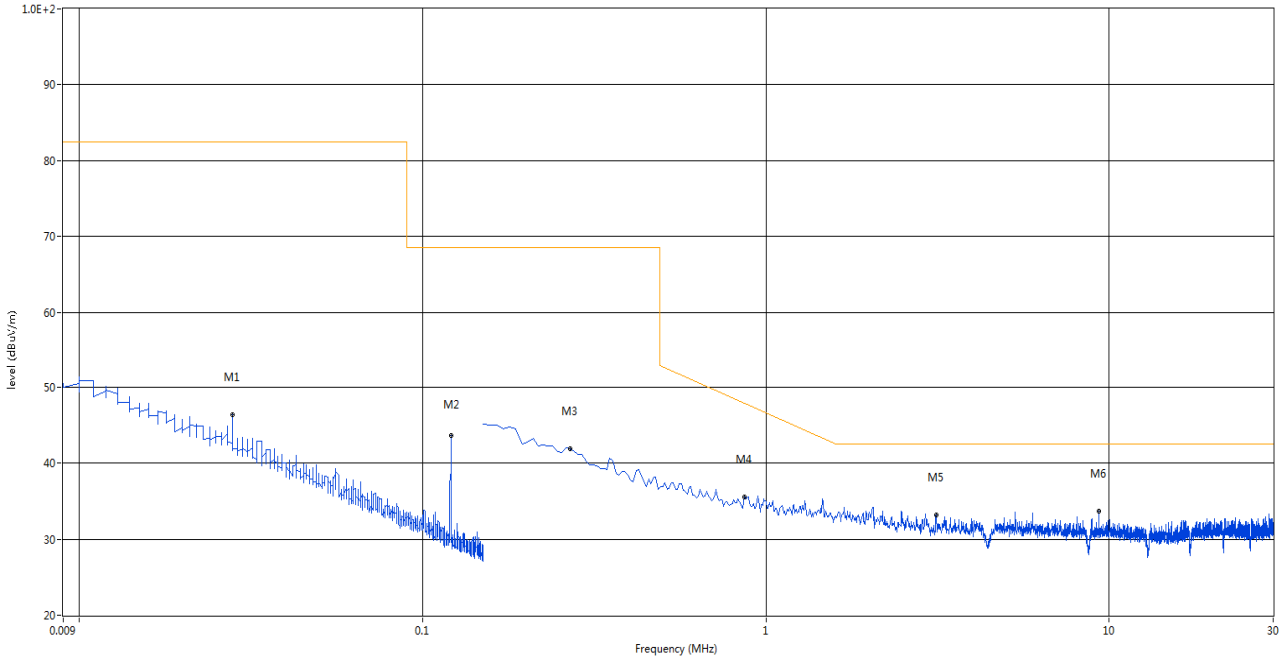
A.1 Radiated Emission

Note: The symbol of "--" in the table which means not application.

Test Data and Plots

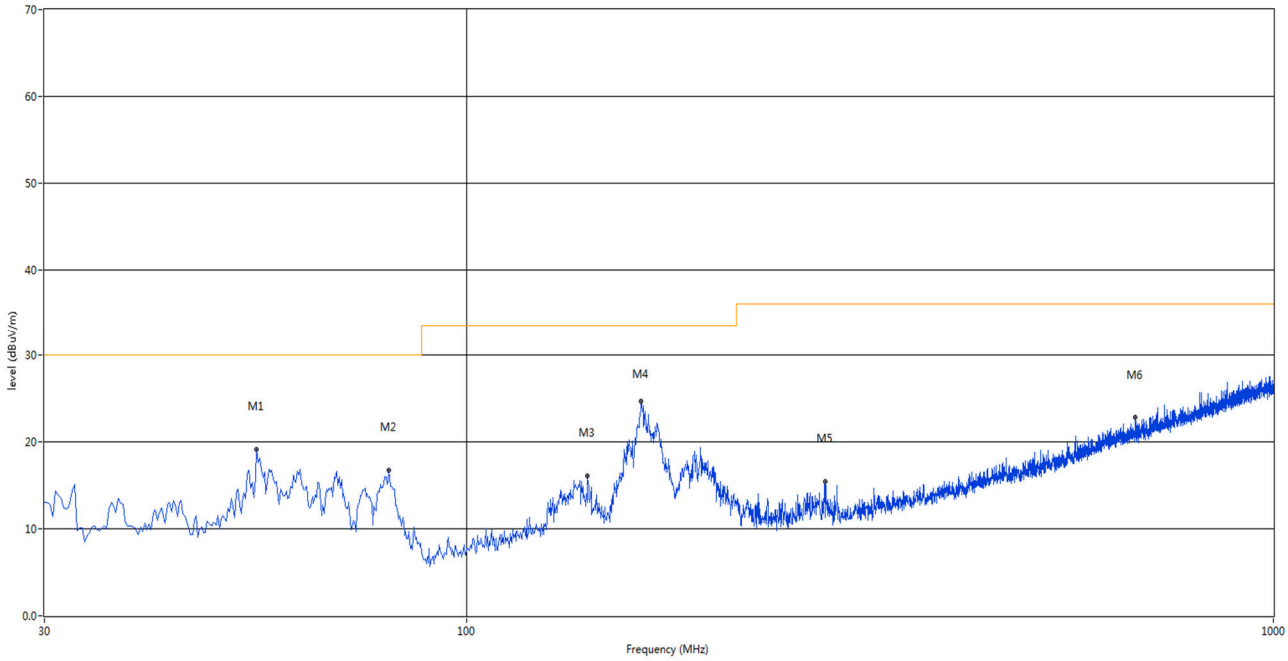
Mode 1

A.1.1 Test Antenna Vertical, 9K – 30 MHz



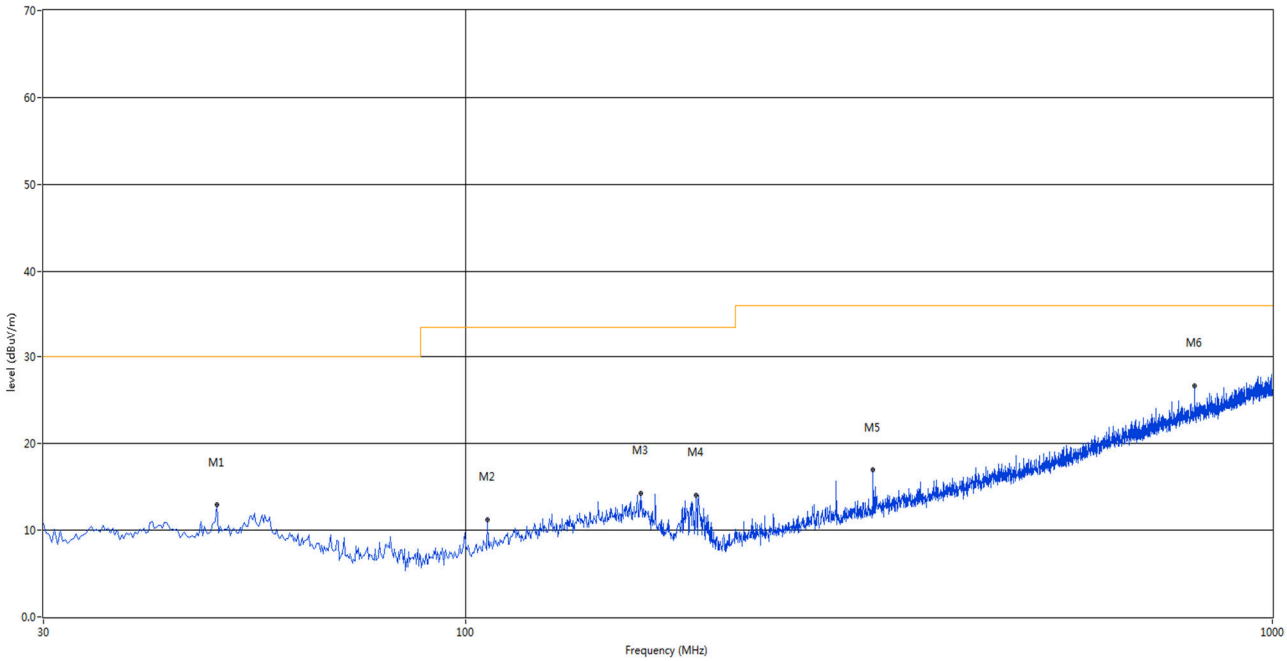
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	0.028	47.68	20.20	82.5	-34.82	Peak	176.00	100	V	Pass
2	0.121	44.52	20.16	68.5	-23.98	Peak	176.00	100	V	N/A
3	0.269	41.89	20.13	68.5	-26.61	Peak	166.00	100	V	Pass
4	0.866	35.55	20.50	47.8	-12.25	Peak	228.00	100	V	Pass
5	3.128	33.21	20.54	42.5	-9.29	Peak	140.00	100	V	Pass
6	9.329	33.74	20.82	42.5	-8.76	Peak	16.00	100	V	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	54.977	19.14	-27.51	30.0	-10.86	Peak	314.00	200	V	Pass
2	80.198	16.77	-31.28	30.0	-13.23	Peak	42.00	200	V	Pass
3	141.307	16.16	-26.38	33.5	-17.34	Peak	149.00	100	V	Pass
4	164.587	24.67	-26.23	33.5	-8.83	Peak	174.00	100	V	Pass
5	278.078	15.45	-26.40	36.0	-20.55	Peak	205.00	100	V	Pass
6	674.565	22.81	-16.40	36.0	-13.19	Peak	300.00	100	V	Pass

A.1.3 Test Antenna Horizontal, 30 MHz – 1 GHz

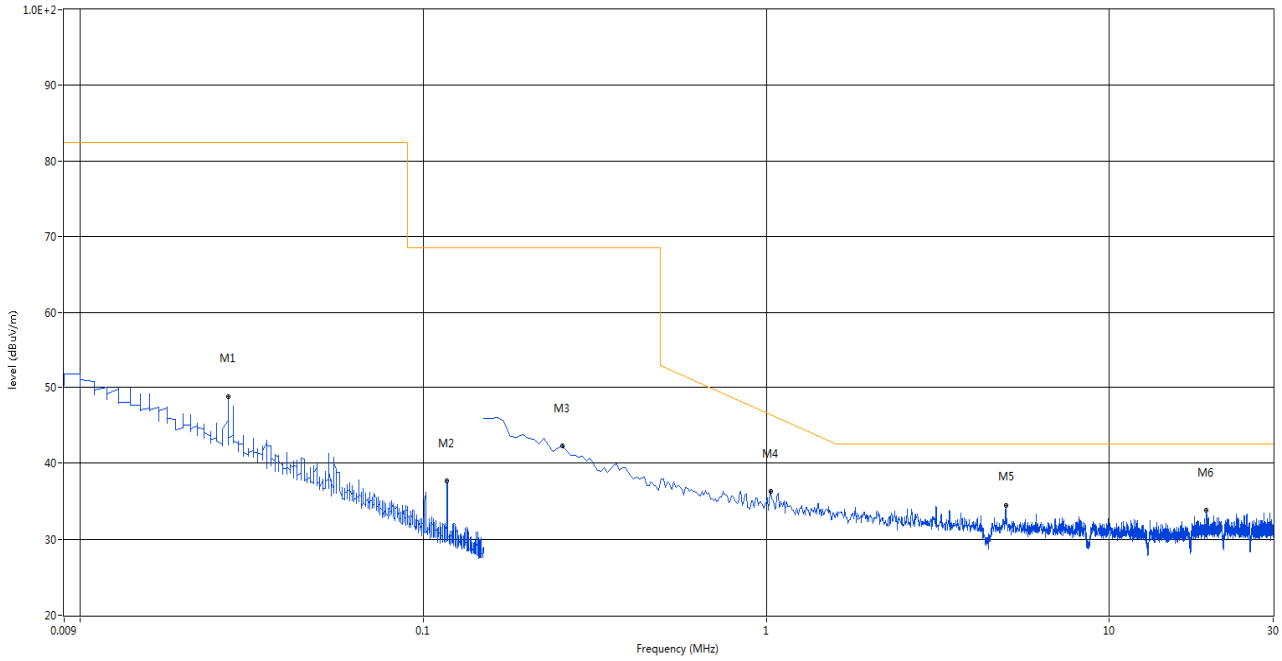


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	49.157	12.90	-27.34	30.0	-17.10	Peak	104.00	200	H	Pass
2	106.387	11.25	-29.36	33.5	-22.25	Peak	186.00	200	H	Pass
3	164.830	14.30	-26.25	33.5	-19.20	Peak	306.00	200	H	Pass
4	193.202	14.09	-29.45	33.5	-19.41	Peak	104.00	200	H	Pass
5	320.030	16.93	-25.30	36.0	-19.07	Peak	48.00	100	H	Pass
6	801.150	26.66	-13.92	36.0	-9.34	Peak	0.00	200	H	Pass

Test Data and Plots

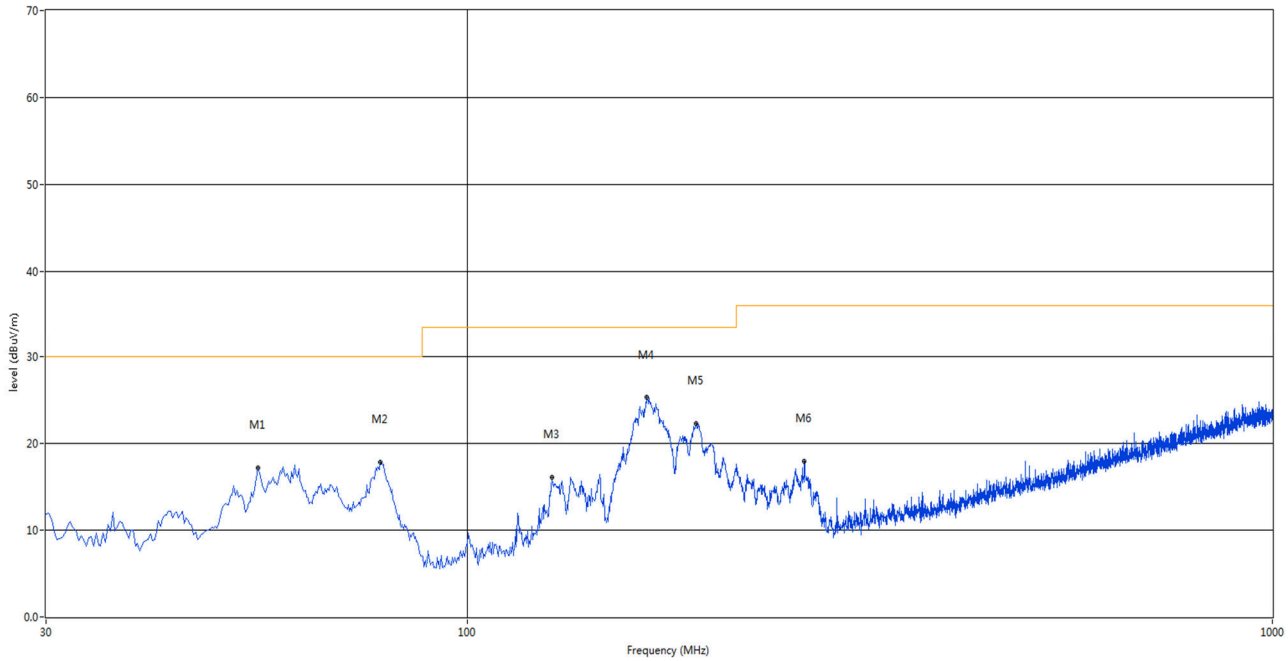
Mode 2

A.1.4 Test Antenna Vertical, 9K – 30 MHz



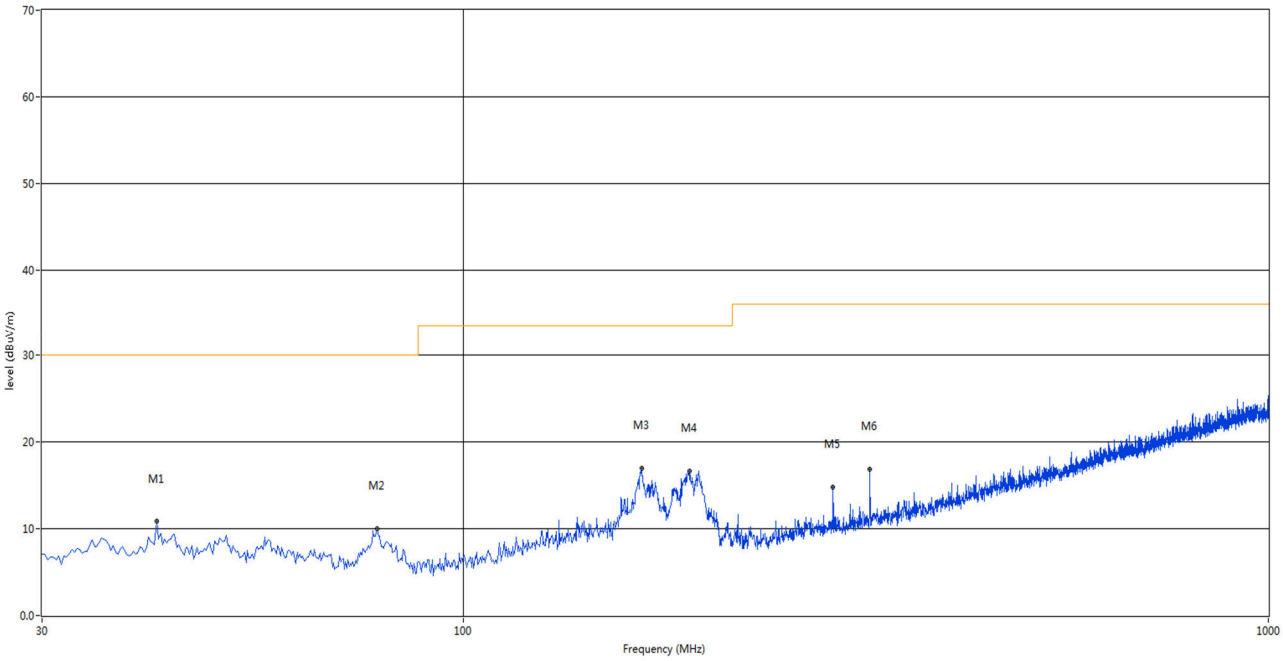
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	0.027	49.59	20.25	82.5	-32.91	Peak	131.00	100	V	Pass
2	0.118	38.56	20.16	68.5	-29.94	Peak	360.00	100	V	N/A
3	0.254	42.22	20.13	68.5	-26.28	Peak	359.00	100	V	Pass
4	1.031	36.30	20.56	46.3	-10.00	Peak	291.00	100	V	Pass
5	5.001	34.40	20.80	42.5	-8.10	Peak	211.00	100	V	Pass
6	19.194	33.77	21.09	42.5	-8.73	Peak	26.00	100	V	Pass

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 (o)	Height (cm)	ANT	Verdict
1	54.977	17.16	-27.51	30.0	-12.84	Peak	130.00	200	V	Pass
2	78.015	17.85	-30.99	30.0	-12.15	Peak	130.00	200	V	Pass
3	127.485	16.13	-27.36	33.5	-17.37	Peak	274.00	200	V	Pass
4	167.255	25.31	-26.44	33.5	-8.19	Peak	218.00	200	V	Pass
5	192.475	22.28	-29.29	33.5	-11.22	Peak	117.00	100	V	Pass
6	262.315	17.97	-27.07	36.0	-18.03	Peak	60.00	100	V	Pass

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



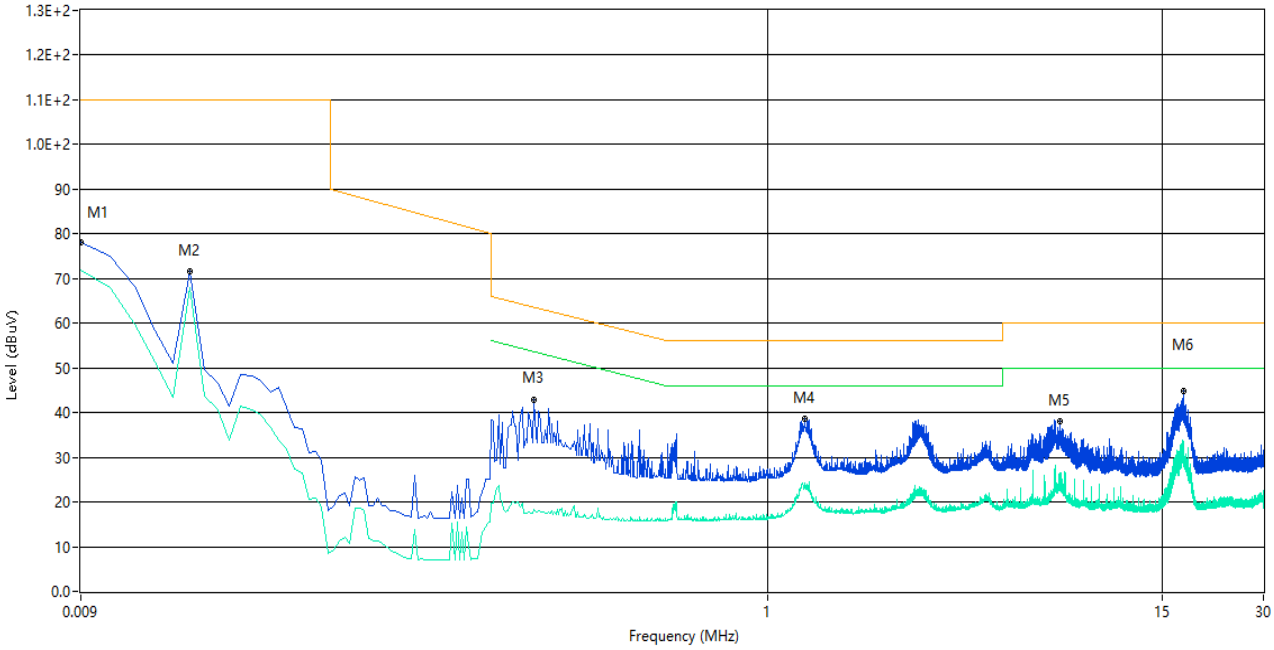
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	41.640	10.84	-26.76	30.0	-19.16	Peak	123.00	100	H	Pass
2	78.257	10.00	-31.04	30.0	-20.00	Peak	360.00	300	H	Pass
3	166.770	17.01	-26.40	33.5	-16.49	Peak	231.00	200	H	Pass
4	191.020	16.67	-29.13	33.5	-16.83	Peak	205.00	300	H	Pass
5	288.020	14.80	-26.09	36.0	-21.20	Peak	319.00	200	H	Pass
6	320.030	16.91	-25.30	36.0	-19.09	Peak	268.00	100	H	Pass

A.2 Conducted Emission

Test Data and Plots

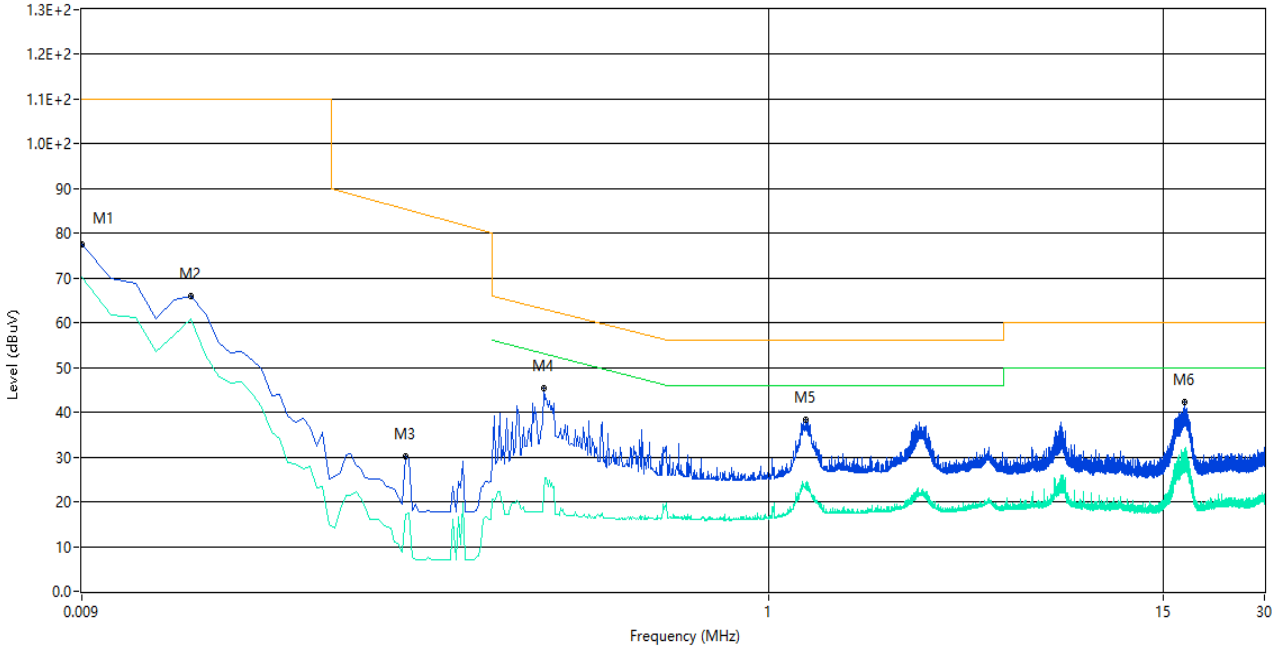
Mode 1

A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.009	78.1	10.01	110.0	-31.90	Peak	L Line	Pass
1**	0.009	71.9	10.01	--	--	AV	L Line	N/A
2	0.019	71.5	10.01	110.0	-38.50	Peak	L Line	Pass
2**	0.019	68.0	10.01	--	--	AV	L Line	N/A
3	0.202	42.9	10.01	63.5	-20.60	Peak	L Line	Pass
3**	0.202	18.3	10.01	53.5	-35.20	AV	L Line	Pass
4	1.290	38.5	10.05	56.0	-17.50	Peak	L Line	Pass
4**	1.290	23.9	10.05	46.0	-22.10	AV	L Line	Pass
5	7.452	38.1	10.15	60.0	-21.90	Peak	L Line	Pass
5**	7.452	24.8	10.15	50.0	-25.20	AV	L Line	Pass
6	17.316	44.8	10.23	60.0	-15.20	Peak	L Line	Pass
6**	17.316	33.4	10.23	50.0	-16.60	AV	L Line	Pass

A.2.2 N Phase

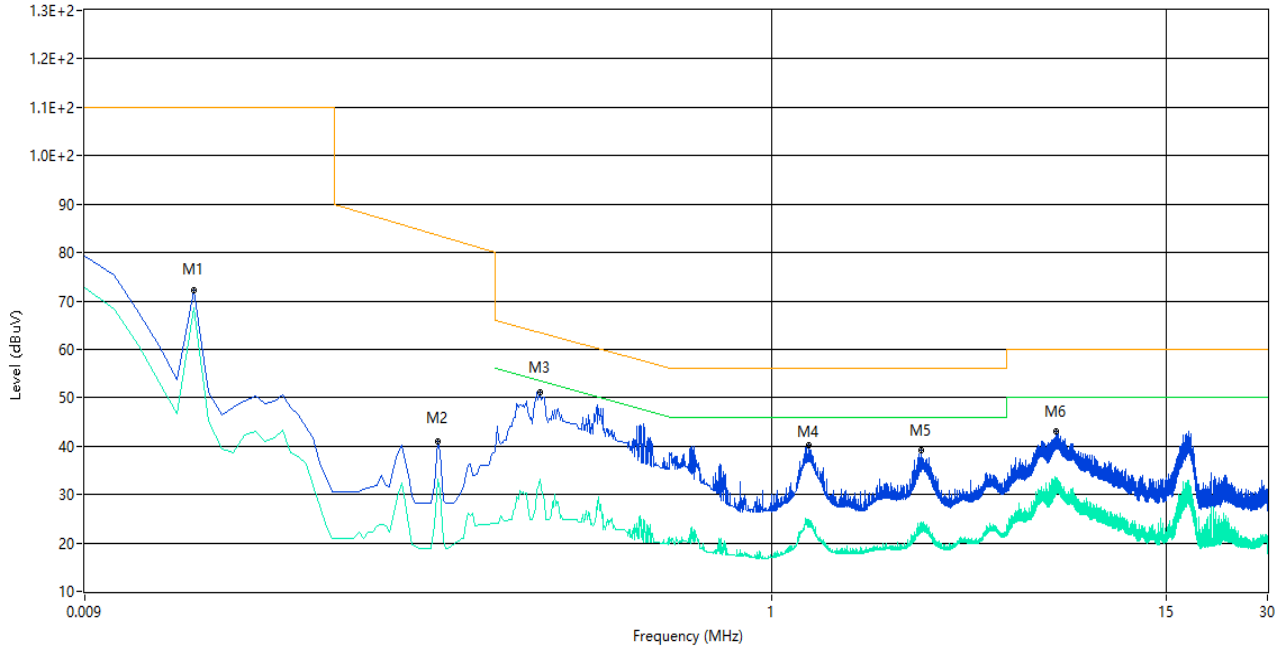


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.009	77.5	10.01	110.0	-32.50	Peak	N Line	Pass
1**	0.009	70.1	10.01	--	--	AV	N Line	N/A
2	0.019	65.8	10.01	110.0	-44.20	Peak	N Line	Pass
2**	0.019	61.0	10.01	--	--	AV	N Line	N/A
3	0.083	30.3	10.02	85.4	-55.10	Peak	N Line	Pass
3**	0.083	17.2	10.02	--	--	AV	N Line	N/A
4	0.214	45.5	10.02	63.0	-17.50	Peak	N Line	Pass
4**	0.214	22.3	10.02	53.0	-30.70	AV	N Line	Pass
5	1.292	38.5	10.05	56.0	-17.50	Peak	N Line	Pass
5**	1.292	24.1	10.05	46.0	-21.90	AV	N Line	Pass
6	17.396	42.3	10.23	60.0	-17.70	Peak	N Line	Pass
6**	17.396	30.1	10.23	50.0	-19.90	AV	N Line	Pass

Test Data and Plots

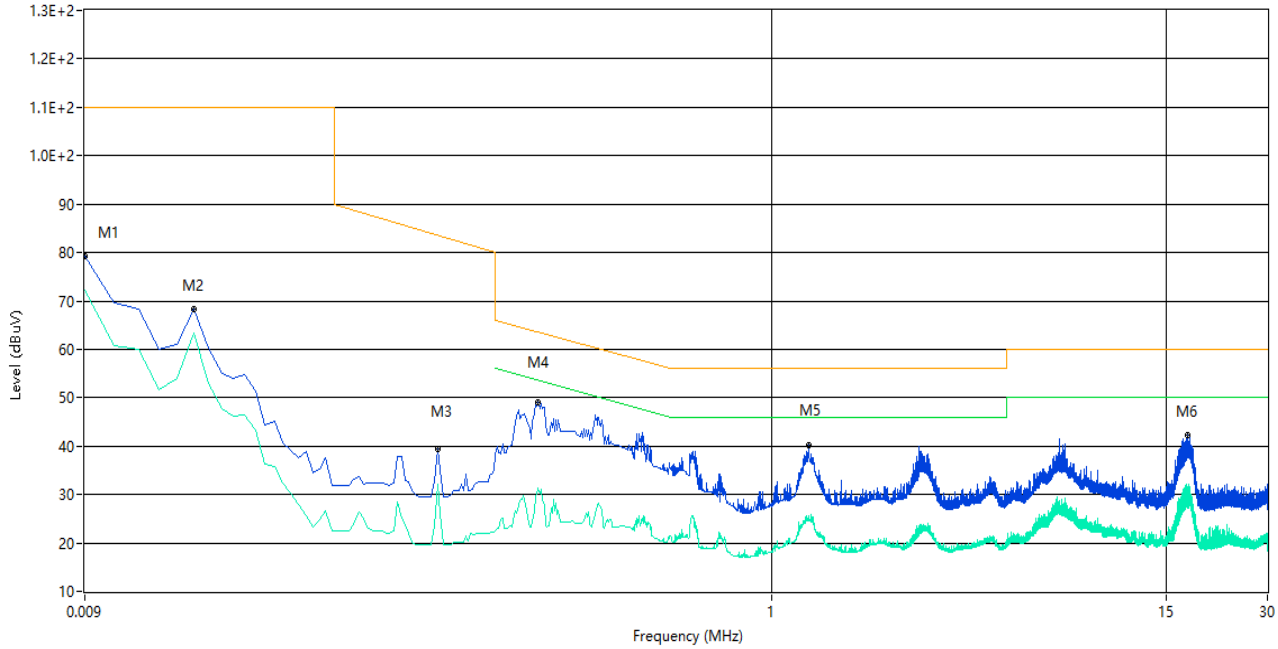
Mode 2

A.2.3 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.019	72.2	10.01	110.0	-37.80	Peak	L Line	Pass
1**	0.019	68.5	10.01	--	--	AV	L Line	N/A
2	0.101	40.9	10.02	83.6	-42.70	Peak	L Line	Pass
2**	0.101	33.0	10.02	--	--	AV	L Line	N/A
3	0.204	51.3	10.01	63.4	-12.10	Peak	L Line	Pass
3**	0.204	33.1	10.01	53.4	-20.30	AV	L Line	Pass
4	1.294	40.1	10.05	56.0	-15.90	Peak	L Line	Pass
4**	1.294	24.4	10.05	46.0	-21.60	AV	L Line	Pass
5	2.786	39.2	10.09	56.0	-16.80	Peak	L Line	Pass
5**	2.786	22.9	10.09	46.0	-23.10	AV	L Line	Pass
6	7.046	43.2	10.14	60.0	-16.80	Peak	L Line	Pass
6**	7.046	31.4	10.14	50.0	-18.60	AV	L Line	Pass

A.2.4 N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.009	79.2	10.01	110.0	-30.80	Peak	N Line	Pass
1**	0.009	72.2	10.01	--	--	AV	N Line	N/A
2	0.019	68.4	10.01	110.0	-41.60	Peak	N Line	Pass
2**	0.019	63.3	10.01	--	--	AV	N Line	N/A
3	0.101	39.4	10.02	83.6	-44.20	Peak	N Line	Pass
3**	0.101	32.2	10.02	--	--	AV	N Line	N/A
4	0.202	49.1	10.01	63.5	-14.40	Peak	N Line	Pass
4**	0.202	31.4	10.01	53.5	-22.10	AV	N Line	Pass
5	1.290	40.1	10.05	56.0	-15.90	Peak	N Line	Pass
5**	1.290	25.6	10.05	46.0	-20.40	AV	N Line	Pass
6	17.348	42.2	10.23	60.0	-17.80	Peak	N Line	Pass
6**	17.348	29.6	10.23	50.0	-20.40	AV	N Line	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-HK18B0340-AE-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-HK18B0340-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-HK18B0340-AI.PDF”.

--END OF REPORT--