

FCC Test Report

Report No: WD-RF-R-220014-E0

Product Name : UST Outdoor LED Projector
Model Name : MG2U
Series Model Name : MG2U-xxxxxx(x can be 0~9 or A~Z or space)
FCC ID : 2AUGVMG2U
Applicant : Elite Screens Visual & Sound Co., Ltd.
Received Date : Aug. 18, 2021
Tested Date : Sep. 22, 2021 ~ Jan. 19, 2022
Applicable Standard : 47 CFR FCC Part 15, Subpart C (Section 15.31)
47 CFR FCC Part 2, Subpart J (Section 2.947(f))
ANSI C63.10 : 2013



Wendell Industrial Co., Ltd
Wendell EMC & RF Laboratory

Caution:

This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment.

Please note that the measurement uncertainty are provided for informational purpose only and are not used in determining the Pass/Fail results.

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Test Report

Issued Date: January 19, 2022

Project No.: 21Q081803

Product Name	UST Outdoor LED Projector
Trade Name	MosicGO
Model Name	MG2U
Series Model Name	MG2U-xxxxxxx(x can be 0~9 or A~Z or space)
FCC ID	2AUGVMG2U
Applicant	Elite Screens Visual & Sound Co., Ltd.
Manufacturer	Elite Screens Visual & Sound Co., Ltd.
EUT Rated Voltage	AC 100 ~ 240V / 50 or 60Hz
EUT Test Voltage	AC 120V / 60Hz
EUT Supports Radios Application	WLAN 802.11a/b/g WLAN 802.11n (HT20/HT40) WLAN 802.11ac (VHT20/VHT40/VHT80) Bluetooth BR/EDR/LE
Applicable Standard	47 CFR FCC Part 15, Subpart C (Section 15.31) 47 CFR FCC Part 2, Subpart J (Section 2.947(f)) ANSI C63.10 : 2013
Test Result	Complied

Documented :



(Specialist / Emma Lu)

Technical Engineer :



(Deputy Section Manager / Jack Chang)

Approved :



(Project Manager / Gary Wu)

Table of Contents

Document Revision History	4
Summary of Test Result	5
1 Generation Information	6
1.1 Applicant	6
1.2 Manufacturer	6
1.3 Description of Equipment under Test	6
1.4 Test Mode Applicability	8
1.5 Configuration of Tested System	9
1.6 EUT Exercise Software	9
1.7 Tested System Details	10
1.8 Test Facility	11
1.9 Measurement Uncertainty	12
1.10 List of Test Equipment	13
2 Test Result	15
2.1 Spurious Emission Measurement	15
2.1.1 Limit	15
2.1.2 Test Setup	15
2.1.3 Test Procedure	17
2.1.4 Test Result of Radiated Spurious Emission Measurement	18
2.2 AC Conducted Emissions Measurement	23
2.2.1 Limit	23
2.2.2 Test Setup	23
2.2.3 Test Procedure	24
2.2.4 Test Result	25

Document Revision History

Report No.	Issue date	Description
WD-RF-R-220014-E0	January 19, 2022	Initial report

Summary of Test Result

Ref. Std. Clause	Test Items	Result
15.247(d)	Radiated Spurious Emission	Pass
15.207	AC Conducted Emission	Pass

1 Generation Information

1.1 Applicant

Elite Screens Visual & Sound Co., Ltd.
3F., No. 88, Wugong Rd., Xinzhuang Dist., New Taipei City 242, Taiwan (R.O.C.)

1.2 Manufacturer

Elite Screens Visual & Sound Co., Ltd.
3F., No. 88, Wugong Rd., Xinzhuang Dist., New Taipei City 242, Taiwan (R.O.C.)

1.3 Description of Equipment under Test

Product Name	UST Outdoor LED Projector
Model No.	MG2U
Series Model Name	MG2U-xxxxxx(x can be 0~9 or A~Z or space)
FCC ID	2AUGVMG2U
Frequency Range	802.11b/g/n: 2412-2462MHz 802.11a/n/ac: 5180-5240MHz, 5475-5825MHz Bluetooth: 2402-2480MHz
Data Rate	802.11b: 1-11Mbps 802.11g: 6-54Mbps 802.11a: 6 - 54Mbps 802.11n-40MHz: up to 200Mbps 802.11ac-80MHz: up to 433.3Mbps
Type of Modulation	802.11a/b/g/n/ac: OFDM, BPSK, QPSK Bluetooth: GFSK(1Mbps) / $\pi/4$ DQPSK(2Mbps) / 8DPSK(3Mbps)
Antenna Information	Refer to the table "Antenna List"
EUT Supports Radios Application	WLAN 802.11a/b/g WLAN 802.11n (HT20/HT40) WLAN 802.11ac (VHT20/VHT40/VHT80) Bluetooth BR/EDR/LE
EUT Rated Voltage	AC 100 ~ 240V / 50 or 60Hz
EUT Test Voltage	AC 120V / 60Hz

Note: Series model difference is market segmentation.

The EUT uses following adapter.

Trade Name	EDAC
Model No.	EA11703F-1900
Input Power	AC 100 ~ 240V / 50 or 60Hz
Output Power	DC 19V
Power Line	Non-shielded, 1 Core, 1.2m

Antenna List

	Manufacturer	Model No.	Antenna Type	Peak Gain
1	MICROCHIP	BM83	PCB Antenna	3.5 dBi for 2.4GHz
2	Passive System Alliance	PFPCA500815IMLB3G4	PCB Antenna	2 dBi for 2.4GHz

1.4 Test Mode Applicability

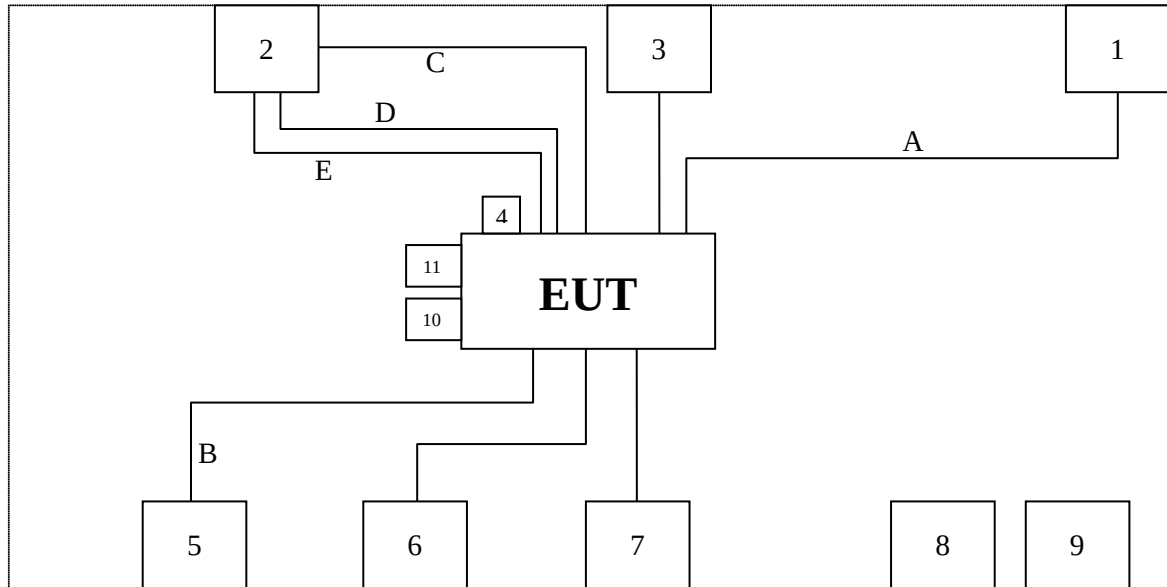
1. These tests were performed on equipment samples to demonstrate compliance with the 15.31(k) chapter simultaneous launch requirements.
2. Select the combination of the highest power transmission mode, only the worst case is shown in the report.
3. The worst case was found when positioned on X axis for radiated emission. Following test modes were selected for the final test, and the final worst case is marked in boldface and recorded in the report.

Test Mode

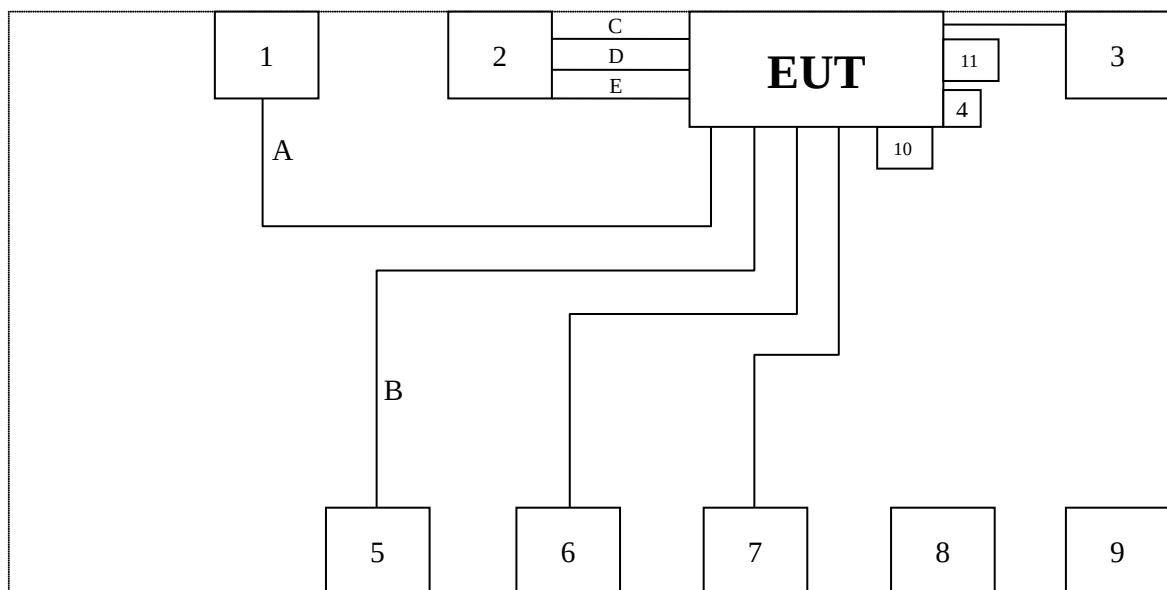
Mode 1: Bluetooth + WIFI 2.4GHz

1.5 Configuration of Tested System

Radiation



AC Conduction



1.6 EUT Exercise Software

1. Setup the EUT as shown in Section 1.6
2. Configure the test mode, the test channel, and the data rate.
3. Press “OK” to start the continuous transmit.
4. Verify that the EUT works properly.

1.7 Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

No.	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	acer	N16Q1	NXVD4TA023742254707600	Non-shielded, 1 Core, 0.8m
2	Notebook PC	acer	N17W3	NXVJ7TA00302301D496600	Non-shielded, 1 Core, 1.6m
3	Adapter	EDAC	EA11703F-1900	N/A	Non-shielded, 1 Core, 1.2m
4	USB Dongle	Tianzun Technology Co., Ltd	P3L	N/A	N/A
5	Cement Resistor	N/A	20W2ΩJ	N/A	N/A
6	USB Mouse	Lemel	M83	201707K31002387	Non-shielded, Non-Core, 1.5m
7	Earphone & Microphone	WD	EarMic-01	N/A	Non-shielded, Non-Core, 1m
8	Remote Control	Bontech Electronics Co., Ltd	90-578100B2702	N/A	N/A
9	Remote Control	Tianzun Technology Co., Ltd	P3L	N/A	N/A
10	TRS 3.5 Lord	Elite Screens Visual & Sound Co., Ltd.	TRS35	N/A	N/A
11	Micro SD Card	SanDisk	UHS-I 16GB	N/A	N/A

No.	Signal Cable Type	Signal cable Description
A	HDMI Cable	Non-shielded, Non-Core, 1.5m
B	USB Cable	Shielded, Non-Core, 1.2m
C	HDMI Cable	Non-shielded, Non-Core, 1.5m
D	USB Cable	Shielded, Non-Core, 0.8m
E	Audio Cable	Non-shielded, Non-Core, 3.4m
--	AC Power Cable	Non-shielded, Non-Core, 1.5m

1.8 Test Facility

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	25
Humidity (% RH)	25-75	65
Barometric pressure (mbar)	860-1060	1001

Description: Accredited by TAF
Accredited Number: 2965

Issued by: Wendell Industrial Co., Ltd

Lab Address: 6F/6F-1, No.188, Baoqiao Rd., Xindian Dist.,
New Taipei City 23145, Taiwan R.O.C

Test Lab: Wendell EMC & RF Laboratory

Test Location: No.67-9, Shimen Rd., Tucheng Dist.,
New Taipei City 236, Taiwan R.O.C

FCC Accreditation Number: TW2965

FCC Designation Number: TW1118

1.9 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence (level based on a coverage factor K=2)

Measurement Project	Condition	Expended Uncertainty
AC Conducted Emission	0.150 ~ 30 MHz	2.64 dB
Radiated Emission	0.009 ~ 30 MHz	± 4.2 dB
	30 ~ 1000 MHz	± 3.9 dB
	1000 ~ 18000 MHz	± 4.1 dB
	18000 ~ 40000 MHz	± 3.9 dB
RF Power, Conducted	Conducted Measuring	± 0.5 dB
Occupied Bandwidth	Conducted Measuring	± 2.4 %
Power Density	Conducted Measuring	± 1.7 dB
Duty Cycle and Dwell Time	Conducted Measuring	± 1.3 %
Conducted Unwanted Emission Strength	Conducted Measuring	± 1.8 dB
DC Power Supply	--	± 3.2 %
Temperature	--	± 1.1 °C
Humidity	--	± 3.4 %

Note: Please note that the measurement uncertainty are provided for informational purpose only and are not used in determining the Pass/Fail results.

1.10 List of Test Equipment

For AC Conduction measurements / Conducted Room

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
✓	EMI Test Receiver	R&S	ESR3	102309	2021/6/8	2022/6/7
✓	2-Line V-Network LISN	R&S	ENV216	101185	2021/6/11	2022/6/10
✓	LISN	SCHWARZBECK	NSLK 8127RC	05028	2021/6/11	2022/6/10
✓	Transient Limiter	EM Electronics Corporation	EM-7600	857	2021/6/10	2022/6/9
✓	50ohm Cable	EMCI	EMCCFD300-BM-BM-5000	170612	2021/6/10	2022/6/9
✓	50 ohm terminal impedance	HUBER+SUHNER	50 ohm terminal impedance	CT-1-109-1	2021/6/11	2022/6/10

Remark:

1. All equipments are calibrated every one year.
2. The test instruments marked with “✓” are used to measure the final test results.
3. Test Software version: FARAD EZ-EMC Ver.EMC-CON 3A1

For Radiated measurements / 9x6x6 Semi Anechoic Room

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
✓	EMI Receiver	Keysight	N9038A	MY51210173	2021/08/20	2022/08/19
✓	Spectrum Analyzer	Keysight	N9010A	MY52220228	2021/08/24	2022/08/23
✓	Loop Antenna	EMCI	LPA600	277	2021/09/02	2022/09/01
✓	TRILOG super broad Antenna	Schwarzbeck	VULB 9168	VULB 9168-700 & 1421	2021/08/11	2022/08/10
✓	Horn Antenna	Schwarzbeck	BBHA 9120D	01767	2021/08/11	2022/08/10
✓	Horn Antenna	Schwarzbeck	BBHA 9170	703	2021/12/17	2022/12/16
✓	Pre-Amplifier	EM	EMC330	060774	2021/08/24	2022/08/23
✓	Pre-Amplifier	EMEC	EM01G18G	060648	2021/08/24	2022/08/23
✓	Pre-Amplifier	JPT	JPA0118-55-303K	1910001800055003	2021/08/25	2022/08/24
✓	Pre-Amplifier	EMCI	EMC184045SE	980515	2021/08/24	2022/08/23
✓	Cable	EMEC	EM-CB400	105060103	2021/08/24	2022/08/23
✓	Cable	EMEC	EM-CB400	105060102	2021/08/24	2022/08/23
✓	Cable	EMEC	EM-CB400	105060101	2021/08/24	2022/08/23
✓	RF Cable	HUBER+SUHNER	SF102	MY2752/2	2021/08/24	2022/08/23
✓	Cable	MVE	280280.LL266.1200	B60028C	2021/08/24	2022/08/23
✓	RF Cable	HUBER+SUHNER	SF102	MY2751/2	2021/08/24	2022/08/23
✓	Cable	MVE	140140.LL404.300	B90006C	2021/10/04	2022/10/03
	RF Filter	EMEC	BRF-2400-2500	002	2021/08/26	2022/08/25
	RF Filter	EMEC	BRF-5150-5350	104	2021/08/26	2022/08/25
	RF Filter	EMEC	BRF-5470-5725	092	2021/08/26	2022/08/25
✓	RF Filter	EMEC	BRF-5725-5875	091	2021/08/26	2022/08/25
	RF Filter	EMEC	HPF-2800	002	2021/08/26	2022/08/25
	RF Filter	EMEC	HPF-5850	059	2021/08/26	2022/08/25
	SMA Notch Filter	MVE	MFN-902.928.S1	190604001	2021/09/02	2022/09/01

Remark:

1. All equipments are calibrated every one year.
2. The test instruments marked with "✓" are used to measure the final test results.
3. Test Software version: FARAD EZ-EMC Ver.WD-03A1-1

2 Test Result

2.1 Spurious Emission Measurement

2.1.1 Limit

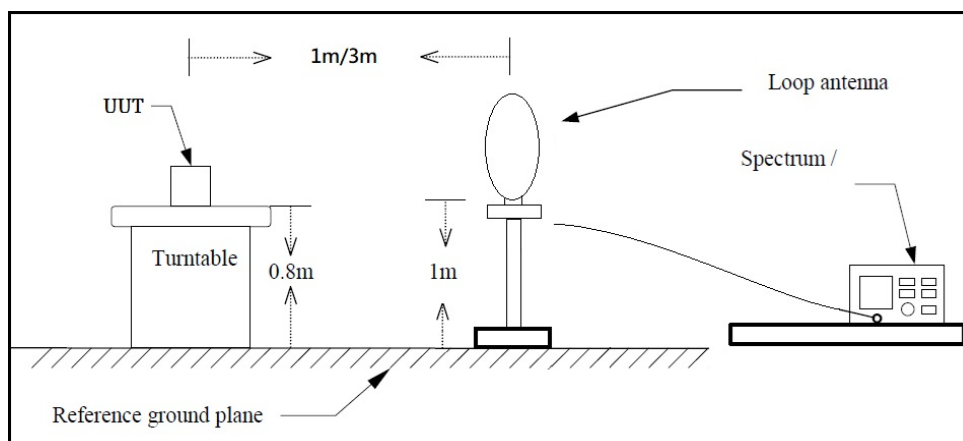
Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 – 0.490	$2400/F(\text{kHz})$	300
0.490 – 1.705	$24000/F(\text{kHz})$	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Remarks:

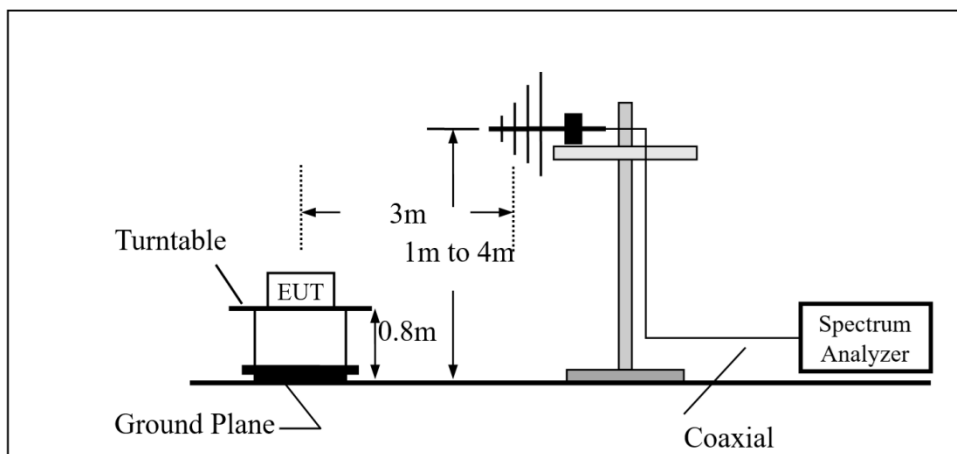
1. RF Voltage (dBuV) = $20 \log \text{RF Voltage}(\mu\text{V})$
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

2.1.2 Test Setup

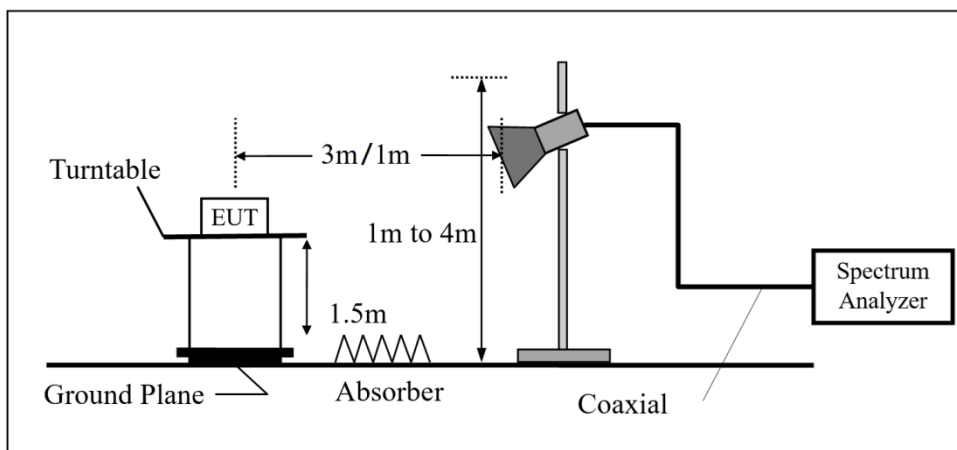
Below 30MHz



30MHz~1GHz



Above 1GHz



2.1.3 Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

For Radiated emission below 30MHz

- (1) The EUT was placed on the top of a rotating table 0.8 meters above the ground in a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- (2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- (3) Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- (4) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- (5) The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

For Radiated emission Above 30MHz

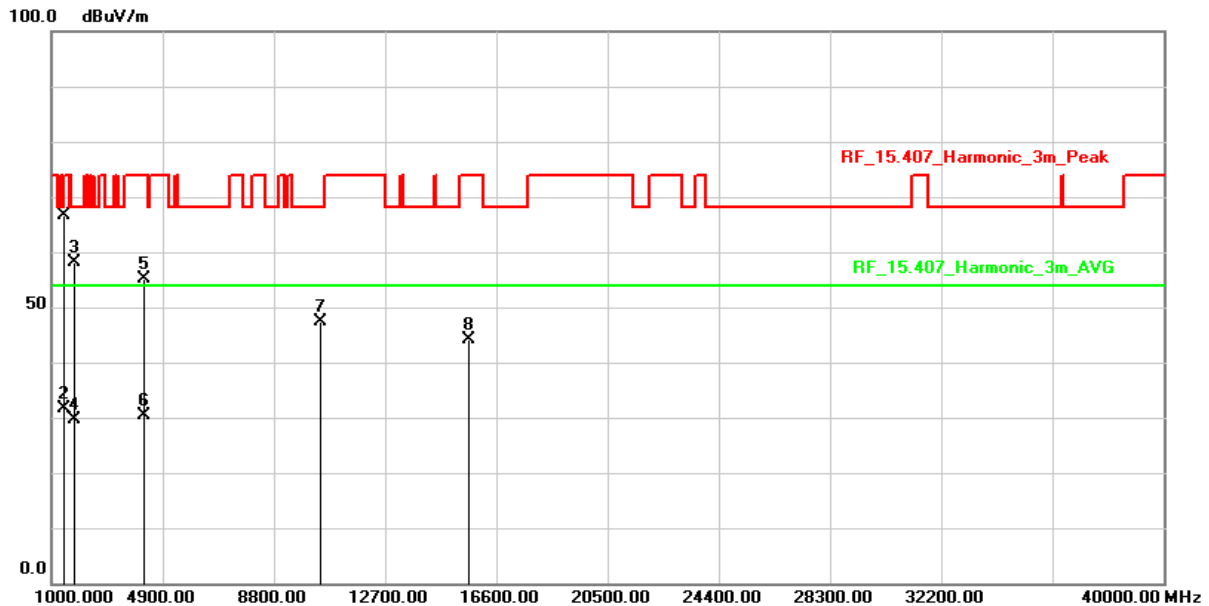
- (1) The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for the test. The table was rotated 360 degrees to determine the position of the highest radiation.
- (2) The EUT was set 3 meters away from the interference-receiving antenna, the height of the antenna is varied from 1 meter to 4 meters above the ground to determine the maximum value of the field strength.
- (3) Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- (4) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- (5) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- (6) The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets the average limit, measurement with the average detector is unnecessary.

2.1.4 Test Result of Radiated Spurious Emission Measurement

- (1) The radiation measurement frequency is 9kHz ~ 30MHz. The interference value of this frequency range is less than the limit value of 20 dB. It is considered that the background noise value is not recorded.
- (2) The following table shows the radiation measurement frequency from 30MHz to 40GHz, pre-scanning in the X, Y and Z axes. The worst case (X-axis) is documented in this report.

Above 1GHz Data

Test Mode :	Mode 1: Bluetooth + WIFI 2.4GHz	Test Date :	2021/10/06
Test Voltage :	AC 120V/60Hz	Temperature :	24 °C
Polarization :	Horizontal	Relative Humidity :	49 %

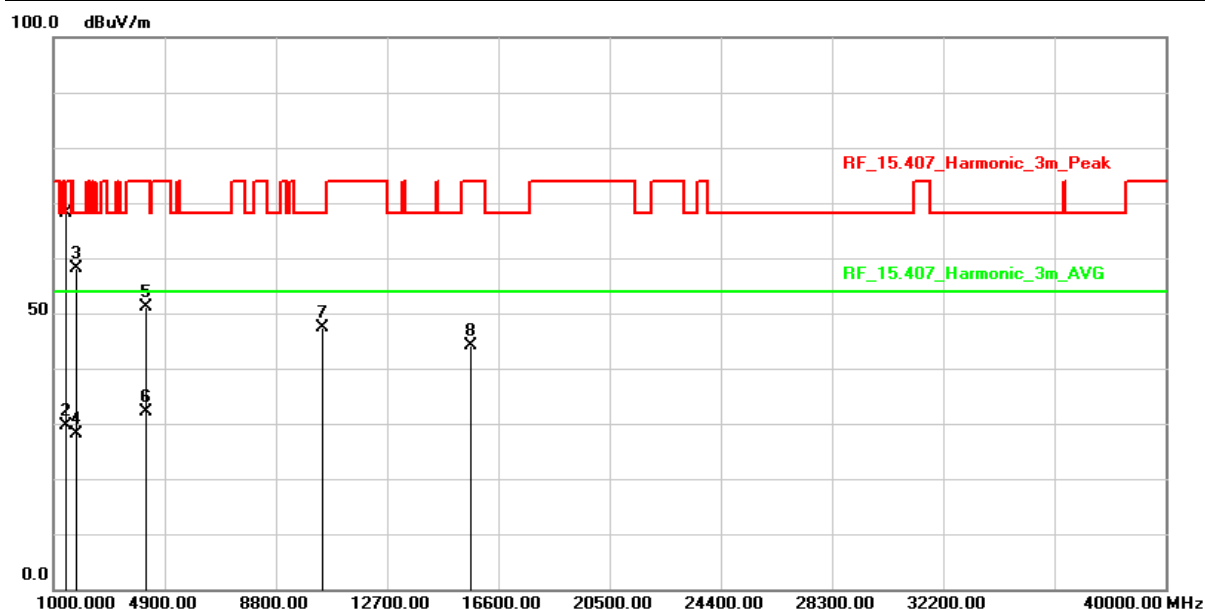


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1400.000	98.15	-31.64	66.51	74.00	-7.49	peak
2	1400.000	63.19	-31.64	31.55	54.00	-22.45	AVG
3	1800.000	91.17	-33.06	58.11	68.20	-10.09	peak
4	1800.000	62.76	-33.06	29.69	54.00	-24.30	AVG
5	4200.000	78.40	-23.38	55.02	74.00	-18.98	peak
6	4200.000	53.82	-23.38	30.44	54.00	-23.56	AVG
7	10440.000	58.83	-11.53	47.30	68.20	-20.90	peak
8	15660.000	54.11	-9.90	44.24	74.00	-29.76	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1: Bluetooth + WIFI 2.4GHz	Test Date :	2021/10/06
Test Voltage :	AC 120V/60Hz	Temperature :	24 °C
Polarization :	Vertical	Relative Humidity :	49 %



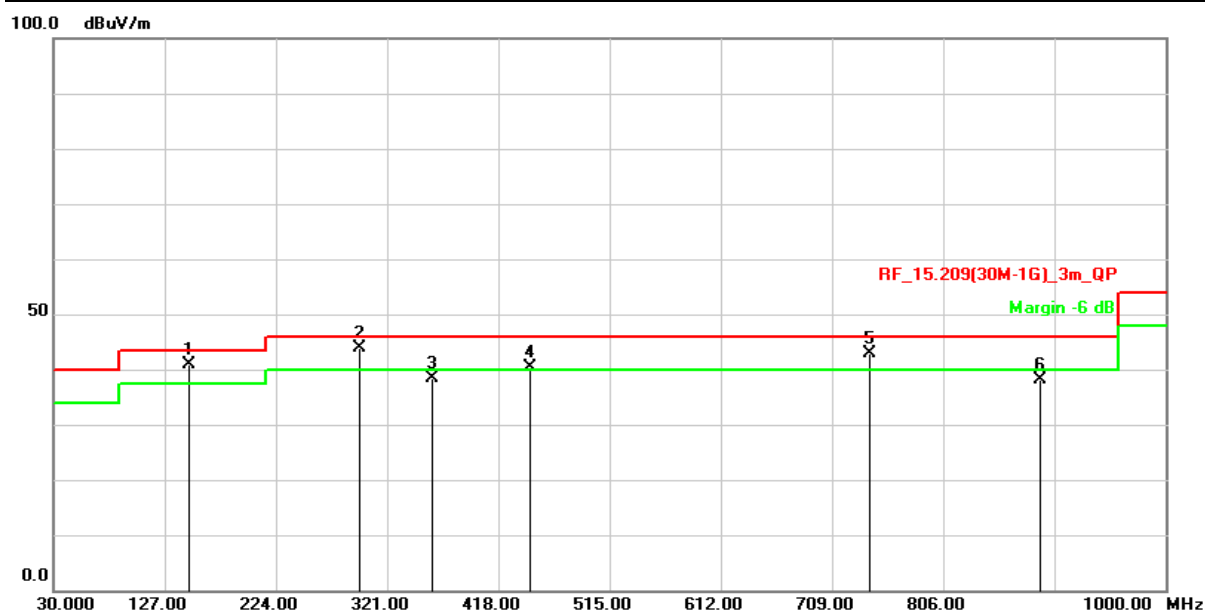
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1400.000	99.80	-31.64	68.16	74.00	-5.84	peak
2	1400.000	61.17	-31.64	29.53	54.00	-24.47	AVG
3	1800.000	91.08	-33.06	58.02	68.20	-10.18	peak
4	1800.000	61.19	-33.06	28.13	54.00	-25.87	AVG
5	4200.000	75.61	-23.38	52.23	74.00	-21.77	peak
6	4200.000	55.43	-23.38	32.05	54.00	-21.95	AVG
7	10440.000	58.83	-11.53	47.30	68.20	-20.90	peak
8	15660.000	54.14	-9.90	44.24	74.00	-29.76	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Below 1GHz Data

Test Mode :	Mode 1: Bluetooth + WIFI 2.4GHz	Test Date :	2021/10/05
Test Voltage :	AC 120V/60Hz	Temperature :	24 °C
Polarization :	Horizontal	Relative Humidity :	49 %

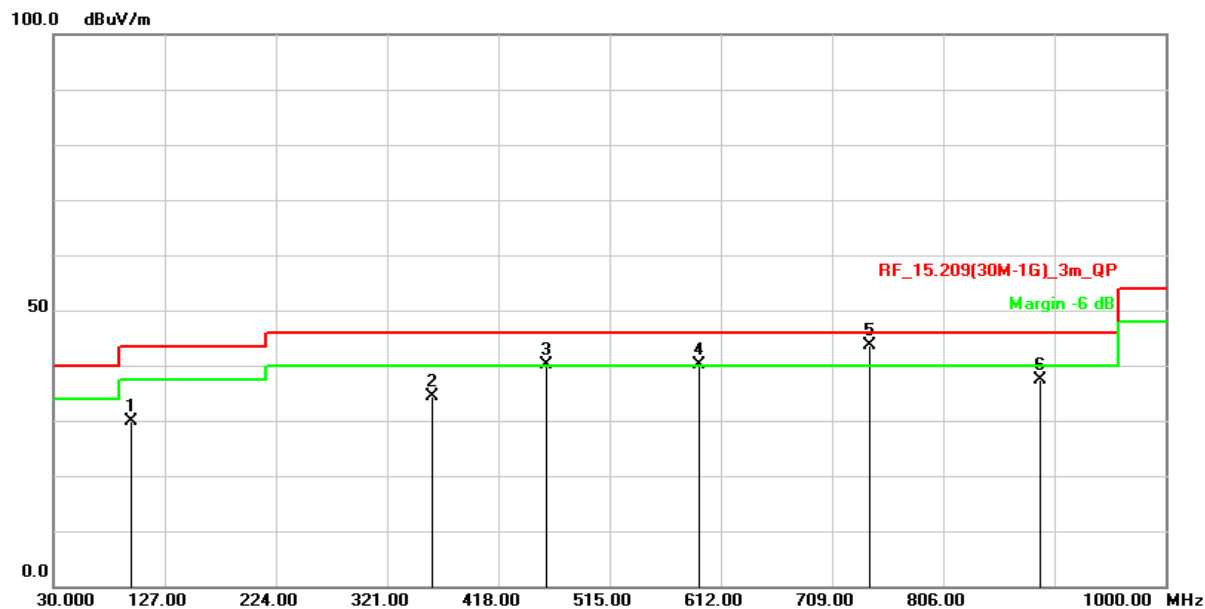


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.3300	52.52	-11.59	40.93	43.50	-2.57	QP
2	296.7470	54.72	-10.88	43.84	46.00	-2.16	QP
3	359.7800	47.42	-9.16	38.26	46.00	-7.74	QP
4	445.1200	46.94	-6.62	40.32	46.00	-5.68	QP
5	741.9600	43.43	-0.59	42.84	46.00	-3.16	QP
6	890.3700	37.08	1.00	38.08	46.00	-7.92	QP

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1: Bluetooth + WIFI 2.4GHz	Test Date :	2021/10/05
Test Voltage :	AC 120V/60Hz	Temperature :	24 °C
Polarization :	Vertical	Relative Humidity :	49 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	97.8800	46.64	-16.82	29.82	43.50	-13.68	QP
2	359.7900	42.58	-9.16	34.42	46.00	-11.58	QP
3	459.6900	46.45	-6.28	40.17	46.00	-5.83	QP
4	593.5600	43.44	-3.34	40.10	46.00	-5.90	QP
5	741.9600	44.19	-0.59	43.60	46.00	-2.40	QP
6	890.3800	36.40	1.00	37.40	46.00	-8.60	QP

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

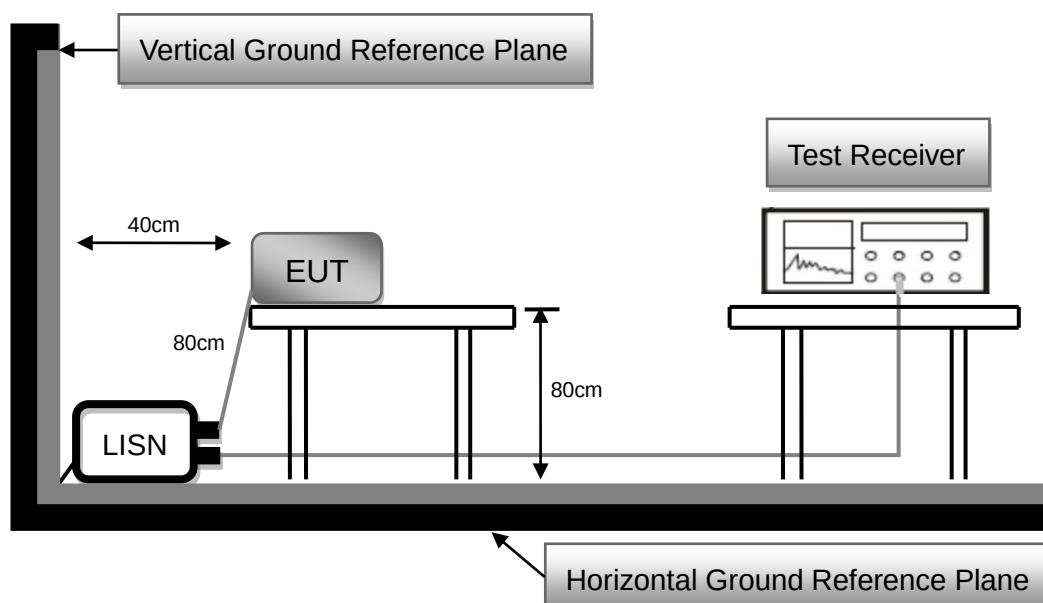
2.2 AC Conducted Emissions Measurement

2.2.1 Limit

Frequency (MHz)	FCC Part 15 Subpart C Paragraph 15.207 (dBμV) Limit	
	Quasi-peak	Average
0.15 to 0.5	66 to 56*	56 to 46*
0.50 to 5.0	56	46
5.0 to 30.0	60	50

*Decreases with the logarithm of the frequency

2.2.2 Test Setup

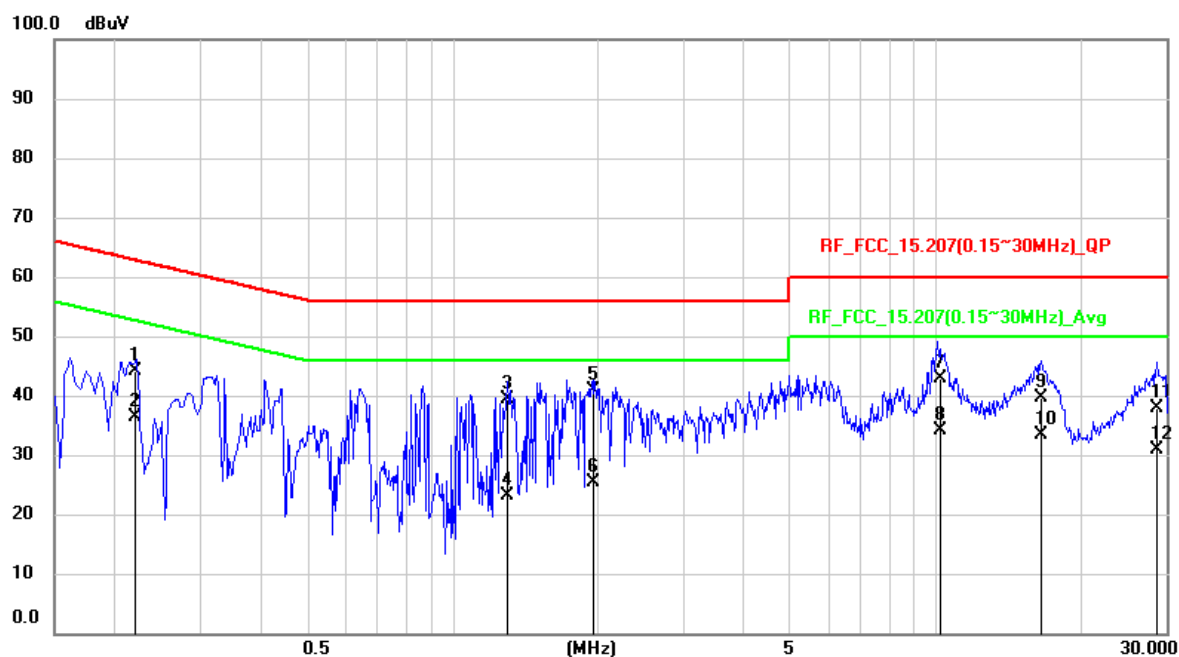


2.2.3 Test Procedure

1. The EUT was placed 0.8 meter height wooden table from the horizontal ground plane with EUT being connected to power source through a line impedance stabilization network (LISN). The LISN at least be 80 cm from nearest chassis of EUT.
2. The line impedance stabilization network (LISN) provides 50 ohm/50uH of coupling impedance for the measuring instrument. All other support equipments powered from additional LISN(s).
3. Interrelating cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle. All I/O cables were positioned to simulate typical usage.
4. All I/O cables that are not connected to a peripheral shall be bundle in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
5. The EMI test receiver connected to LISN powering the EUT. The actual test configuration, please refer to EUT test photos.
6. The receiver scanned from 150kHz to 30MHz for emissions in each of test modes. A scan was taken on both power lines, Line and Neutral, recording at least six highest emissions.
7. The EUT and cable configuration of the above highest emission levels were recorded. The test data of the worst case was recorded.

2.2.4 Test Result

Test Voltage :	120Vac, 60Hz	Frequency Range:	0.15-30 MHz
Test Mode :	Mode 1: Bluetooth + WIFI 2.4GHz	6dB Bandwidth :	9 kHz
Test Date :	2021/10/29	Phase :	L
Temperature :	26°C	Humidity :	38 %

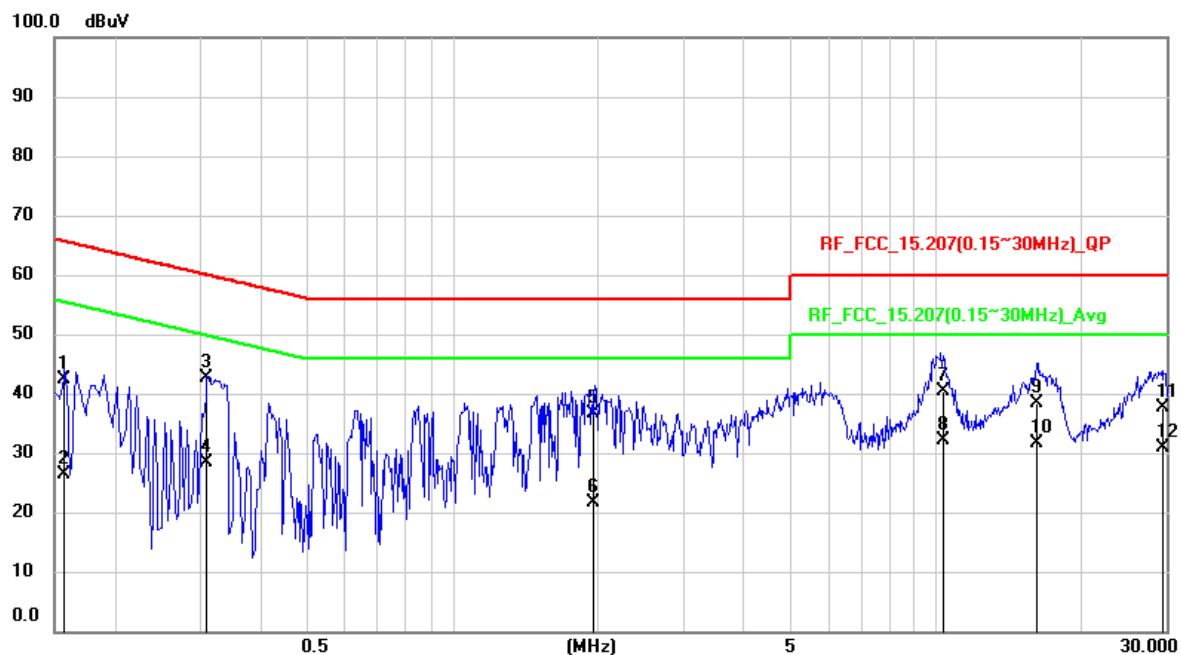


No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2207	34.39	9.81	44.2	62.79	-18.59	QP
2	0.2207	26.68	9.81	36.49	52.79	-16.3	AVG
3	1.3022	29.43	9.85	39.28	56	-16.72	QP
4	1.3022	13.36	9.85	23.21	46	-22.79	AVG
5	1.9446	31.11	9.89	41	56	-15	QP
6	1.9446	15.48	9.89	25.37	46	-20.63	AVG
7	10.1333	32.91	10.04	42.95	60	-17.05	QP
8	10.1333	24.01	10.04	34.05	50	-15.95	AVG
9	16.4841	29.55	10.19	39.74	60	-20.26	QP
10	16.4841	23.19	10.19	33.38	50	-16.62	AVG
11	28.724	27.4	10.51	37.91	60	-22.09	QP
12	28.724	20.39	10.51	30.9	50	-19.1	AVG

Remark:

1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value – Limit Value

Test Voltage :	120Vac, 60Hz	Frequency Range:	0.15-30 MHz
Test Mode :	Mode 1: Bluetooth + WIFI 2.4GHz	6dB Bandwidth :	9 kHz
Test Date :	2021/10/29	Phase :	N
Temperature :	26°C	Humidity :	38 %



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1559	32.45	9.82	42.27	65.68	-23.41	QP
2	0.1559	16.62	9.82	26.44	55.68	-29.24	AVG
3	0.3073	32.76	9.82	42.58	60.04	-17.46	QP
4	0.3073	18.67	9.82	28.49	50.04	-21.55	AVG
5	1.9549	26.79	9.89	36.68	56	-19.32	QP
6	1.9549	11.66	9.89	21.55	46	-24.45	AVG
7	10.3069	30.34	10.04	40.38	60	-19.62	QP
8	10.3069	22	10.04	32.04	50	-17.96	AVG
9	16.1913	28.17	10.18	38.35	60	-21.65	QP
10	16.1913	21.53	10.18	31.71	50	-18.29	AVG
11	29.6122	27.2	10.54	37.74	60	-22.26	QP
12	29.6122	20.23	10.54	30.77	50	-19.23	AVG

Remark:

1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value – Limit Value

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