



FCC Part 15B TEST REPORT

Report No.: STS2103148E01

Issued for

Hot Pepper, Inc.

350 10th Ave. STE 1000, San Diego, CA 92101

Product Name:	Smart Phone
Brand Name:	Hot Pepper
Model Name:	HPP-L55B
Series Model:	N/A
FCC ID:	2APD4-A95J
Test Standard:	FCC 47 CFR Part 15: Subpart B

Any reproduction of this document must be done in full. No single part of this document may be reproduced without permission from STS, All Test Data Presented in this report is only applicable to presented Test sample.



**TEST RESULT CERTIFICATION****Applicant's Name** : Hot Pepper, Inc.

Address : 350 10th Ave. STE 1000, San Diego, CA 92101

Manufacture's Name..... : Hot Pepper, Inc.

Address : 350 10th Ave. STE 1000, San Diego, CA 92101

Product Description

Product Name : Smart Phone

Brand Name : Hot Pepper

Model Name : HPP-L55B

Series Model : N/A

Standards..... : FCC 47 CFR Part 15: Subpart B

Test Procedure.....: ANSI C63.4-2014

This report shall not be reproduced except in full, without the written approval of STS, this document may be altered or revised by STS, personal only, and shall be noted in the revision of the document.

Date of Test.....:

Date of Receipt of Test Item..... : 22 Mar. 2021

Date of Performance of Tests : 22 Mar. 2021~01 Apr. 2021

Date of Issue : 01 Apr. 2021

Test Result : **Pass**

Compiled by

:

Bulun

(Bulun)

Technical Manager

:

Barry Li

(Barry Li)

Authorized Signatory :

Vita Li

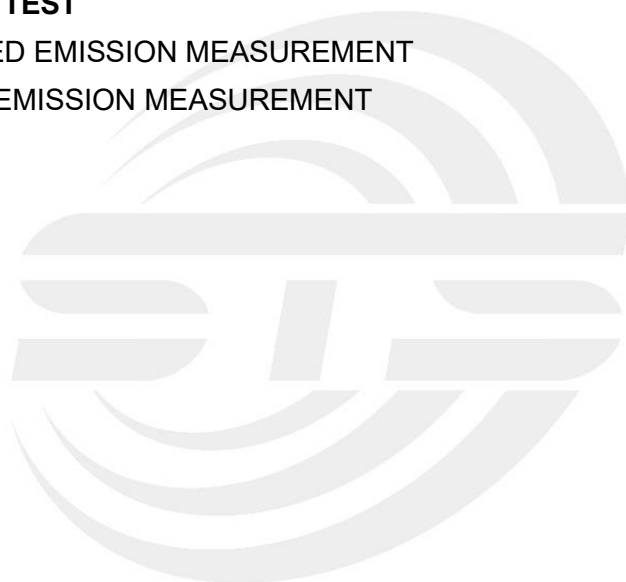
(Vita Li)





Table of Contents

1. SUMMARY OF THE TEST RESULTS	5
1.1 TEST FACTORY	5
1.2 MEASUREMENT UNCERTAINTY	5
2. GENERAL INFORMATION	6
2.1 GENERAL DESCRIPTION OF THE EUT	6
2.2 DESCRIPTION OF THE TEST MODES	8
2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF THE SYSTEM TESTED	9
2.4 DESCRIPTION OF THE SUPPORT UNITS	10
2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS	11
3. EMC EMISSION TEST	12
3.1 CONDUCTED EMISSION MEASUREMENT	12
3.2 RADIATED EMISSION MEASUREMENT	16



**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	01 Apr. 2021	STS2103148E01	ALL	Initial Issue





1. SUMMARY OF THE TEST RESULTS

Test procedures according to the technical standards:

EMISSION			
Standard	Item	Result	Remarks
FCC 47 CFR Part 15 Subpart B	Conducted Emission	PASS	Meet Class B limit
	Radiated Emission	PASS	Meet Class B limit

NOTE:

(1) N/A=Not Applicable.

1.1 TEST FACTORY

Company Name:	SHENZHEN STS TEST SERVICES CO.,LTD.
Address:	A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China
Telephone:	+86-755 3688 6288
Fax:	+86-755 3688 6277
Registration No.:	FCC test Firm Registration Number: 625569
	IC test Firm Registration Number: 12108A
	A2LA Certificate No.: 4338.01

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission (9KHz-150KHz)	$\pm 2.79\text{dB}$
2	Conducted Emission (150KHz-30MHz)	$\pm 2.80\text{dB}$
3	All emissions,radiated(<1G) 30MHz-1000MHz	$\pm 4.39\text{dB}$
4	All emissions,radiated(>1G) 1GHz-6GHz	$\pm 5.10\text{dB}$
5	All emissions,radiated(>1G) 6GHz-26GHz	$\pm 5.48\text{dB}$



2. GENERAL INFORMATION

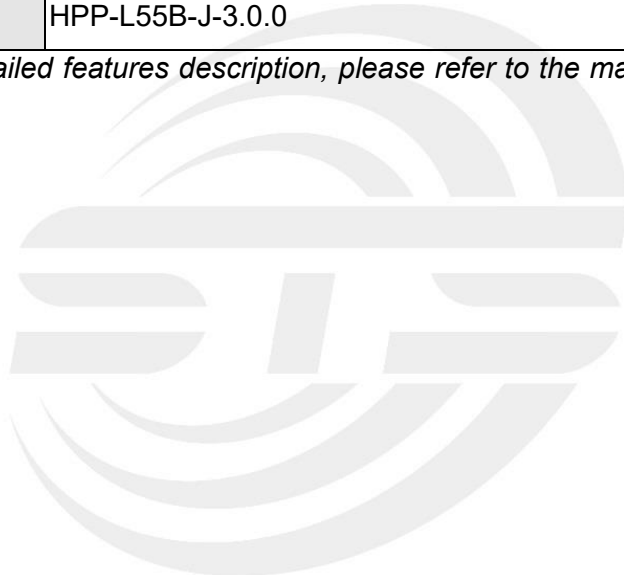
2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Smart Phone	
Brand Name	Hot Pepper	
Model Name	HPP-L55B	
Series Model	N/A	
Model Difference	N/A	
Frequency Bands	GSM	850: 824.2~848.8MHz 1900: 1850.2~1909.8MHz
	GPS	1575.42MHz
	WCDMA	Band II: 1852.4~1907.6MHz Band V: 826.4~846.6MHz Band IV: 1712.4~1752.6MHz
	LTE	Band 2: 1850~1910MHz Band 4: 1710~1755MHz Band 5: 824~849MHz Band 12: 698~716MHz Band 25: 1850~1915MHz Band 26: 814~849MHz Band 41: 2496~2690MHz Band 66: 1710~1780MHz Band 71: 663~698MHz
	WLAN	2.4GHz IEEE 802.11b/g/n(20MHz): 2412 MHz to 2472 MHz 2.4GHz IEEE 802.11n(40MHz): 2422 MHz to 2462 MHz 5GHz IEEE 802.11a/n(20MHz): 5180 MHz to 5700 MHz 5GHz IEEE 802.11n (40MHz): 5190 MHz to 5670 MHz
	Bluetooth	2402~2480MHz
Modulation Mode	GSM	GMSK for GPRS; GMSK and 8PSK for EDGE
	FM	FM
	WCDMA	HSDPA:QPSK/16QAM; HSUPA:BPSK
	LTE	QPSK/16QAM;
	WLAN	2.4GHz: 802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM



		5GHz: 802.11a(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM
	Bluetooth	BT(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8DPSK; (EDR)
Adapter	Input: 100-240V~50/60Hz 0.2A Output: 5V/1000mA	
Battery	Rated Voltage:3.8V Charge Limit Voltage:4.3 Capacity: 2200mAh	
Hardware Version Number	A95_P0	
Software Version Number	HPP-L55B-J-3.0.0	

Note: For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.





2.2 DESCRIPTION OF THE TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	PC+USB Transmitting+SD Card
Mode 2	Adapter + Back camera on + BT Link+ GPS Rx
Mode 3	GSM850 Link + Adapter + USB cable + Earphone + BT Link + GPS Rx
Mode 4	DCS1900 Idle + Adapter + USB cable + Earphone + BT Link + GPS Rx
Mode 5	WCDMA850 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode6	WCDMA1700 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode7	WCDMA1900 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 8	LTE B2 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 9	LTE B4 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 10	LTE B5 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 11	LTE B12 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 12	LTE B25 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 13	LTE B26 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 14	LTE B41 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 15	LTE B66 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 16	LTE B71 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx

For Conducted Test	
Final Test Mode	Description
Mode 1	PC+USB Transmitting+SD Card

For Radiated Test	
Final Test Mode	Description
Mode 1	PC+USB Transmitting+SD Card

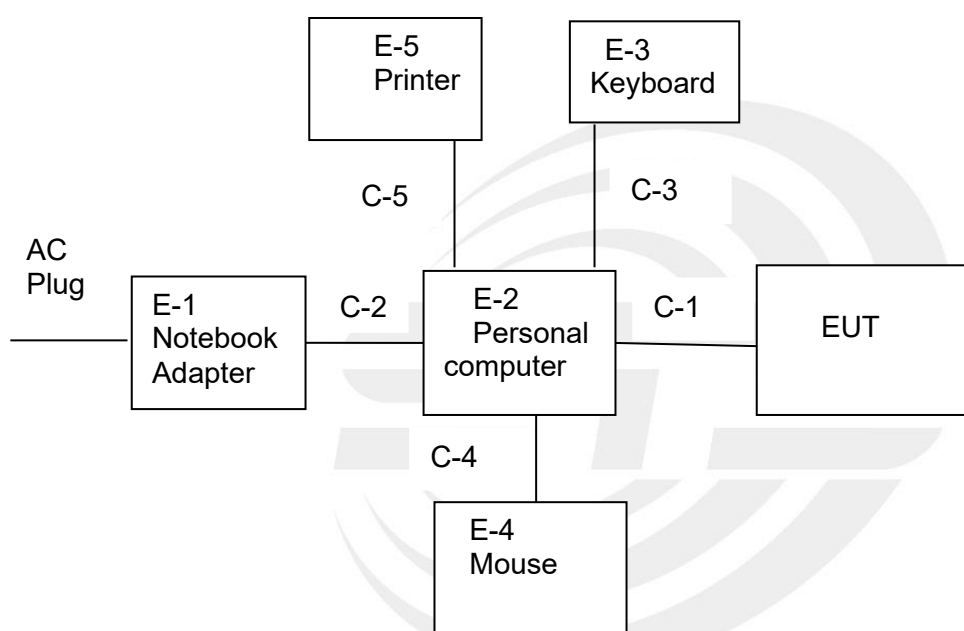
Note:

1. For conducted emission test, test mode 1 was the worst case and only this mode was

presented in this report.

2. For radiated emission test, test mode 1 was the worst case and only this mode was presented in this report.
3. We have be tested for all avaiable U.S. voltage and frequencies (For 120V, 50/60Hz) for which the device is capable of operation.

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF THE SYSTEM TESTED





2.4 DESCRIPTION OF THE SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
C-1	USB Cable	N/A	N/A	80cm	NO

Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
E-1	Notebook Adapter	DELL	HSTNN-CA15	N/A	N/A
E-2	Personal computer	DELL	VOSTRO.3800	N/A	N/A
E-3	Keyboard	Acer	SK-9624	N/A	N/A
E-4	Mouse	HP	MODGUO	N/A	N/A
E-5	Printer	LENOVO	LJ2400L	N/A	N/A
C-2	DC Cable	N/A	N/A	120cm	NO
C-3	USB Cable	N/A	N/A	110cm	NO
C-4	USB Cable	N/A	N/A	110cm	NO
C-5	USB Cable	N/A	N/A	110cm	NO

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.



2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
EMI Test Receiver	R&S	ESCI	101427	2020.10.12	2021.10.11
Bi-log Antenna	TESEQ	CBL6111D	34678	2020.10.12	2022.10.11
Horn Antenna	SCHWARZB ECK	BBHA 9120D	1343	2020.10.12	2022.10.11
Pre-amplifier(1- 26.5G)	Agilent	8449B	3008A02383	2020.10.12	2021.10.11
Pre-amplifier(0.1M- 3GHz)	EM	EM330	060665	2020.10.12	2021.10.11
Spectrum Analyzer	Agilent	N9020A	MY49100060	2020.10.12	2021.10.11
RE Cable (9K-1G)	N/A	R01	N/A	2020.10.12	2021.10.11
RE Cable (1-26G)	N/A	R02	N/A	2020.10.12	2021.10.11
Temperature & Humidity	Mieo	HH660	N/A	2020.10.13	2021.10.12
Horn Antenna(18- 40G)	A-INFO	LB-180400-KF	J211020657	2020.10.12	2022.10.11
Testing Software	EZ-EMC(Ver.STSLAB-03A1 RE)				

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
EMI Test Receiver	R&S	ESCI	101427	2020.10.12	2021.10.11
LISN	R&S	ENV216	101242	2020.10.12	2021.10.11
LISN	ETS	3810/2NM	00023625	2020.10.12	2021.10.11
Absorbing Clamp	R&S	MDS-21	100668	2020.10.13	2021.10.12
CE Cable	N/A	C01	N/A	2020.10.13	2021.10.12
Temperature & Humidity	Mieo	HH660	N/A	2020.10.13	2021.10.12
Testing Software	EZ-EMC(Ver.STSLAB-03A1 CE)				



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION Limits

FREQUENCY (MHz)	☐ Class A (dB μ V)		☒ Class B (dB μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 ~ 0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.5 ~ 5	73.00	60.00	56.00	46.00
5 ~ 30	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

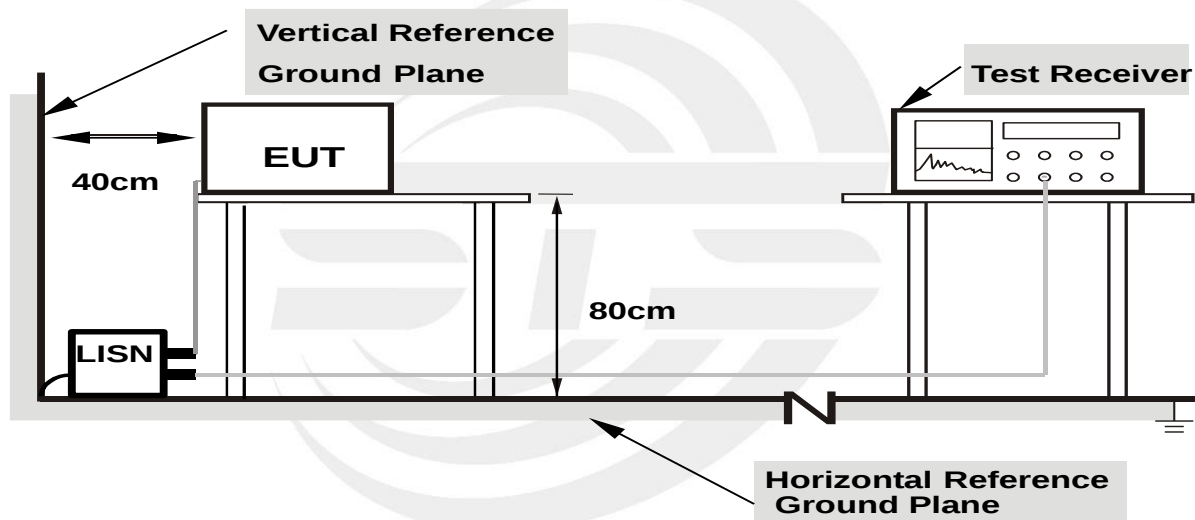
3.1.2 TEST PROCEDURE

- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled 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.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



3.1.6 TEST RESULTS

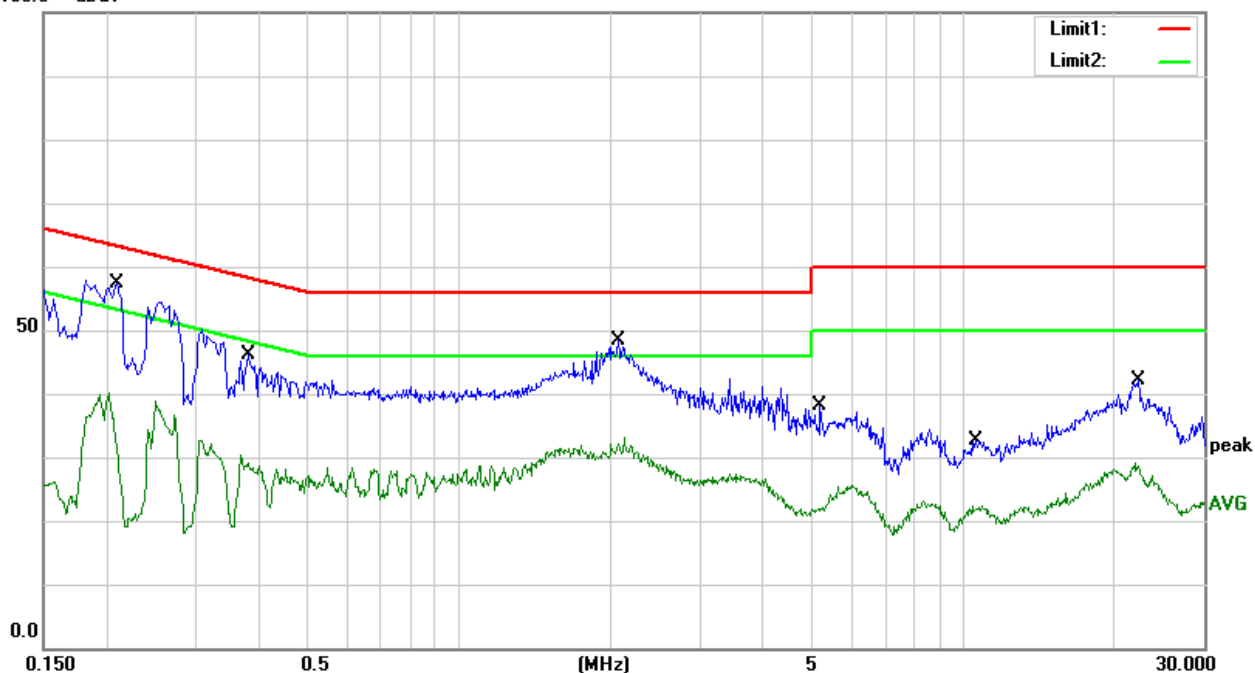
Temperature:	26.8 °C	Relative Humidity:	66%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2021.03.23

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2100	37.04	20.37	57.41	63.21	-5.80	QP
2	0.2100	10.77	20.37	31.14	53.21	-22.07	AVG
3	0.3820	25.64	20.57	46.21	58.24	-12.03	QP
4	0.3820	8.58	20.57	29.15	48.24	-19.09	AVG
5	2.0660	28.21	20.14	48.35	56.00	-7.65	QP
6	2.0660	11.90	20.14	32.04	46.00	-13.96	AVG
7	5.2020	18.00	20.01	38.01	60.00	-21.99	QP
8	5.2020	2.19	20.01	22.20	50.00	-27.80	AVG
9	10.6100	12.81	19.86	32.67	60.00	-27.33	QP
10	10.6100	2.18	19.86	22.04	50.00	-27.96	AVG
11	22.2100	21.47	20.64	42.11	60.00	-17.89	QP
12	22.2100	8.55	20.64	29.19	50.00	-20.81	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Insertion loss + Cable loss

100.0 dBuV





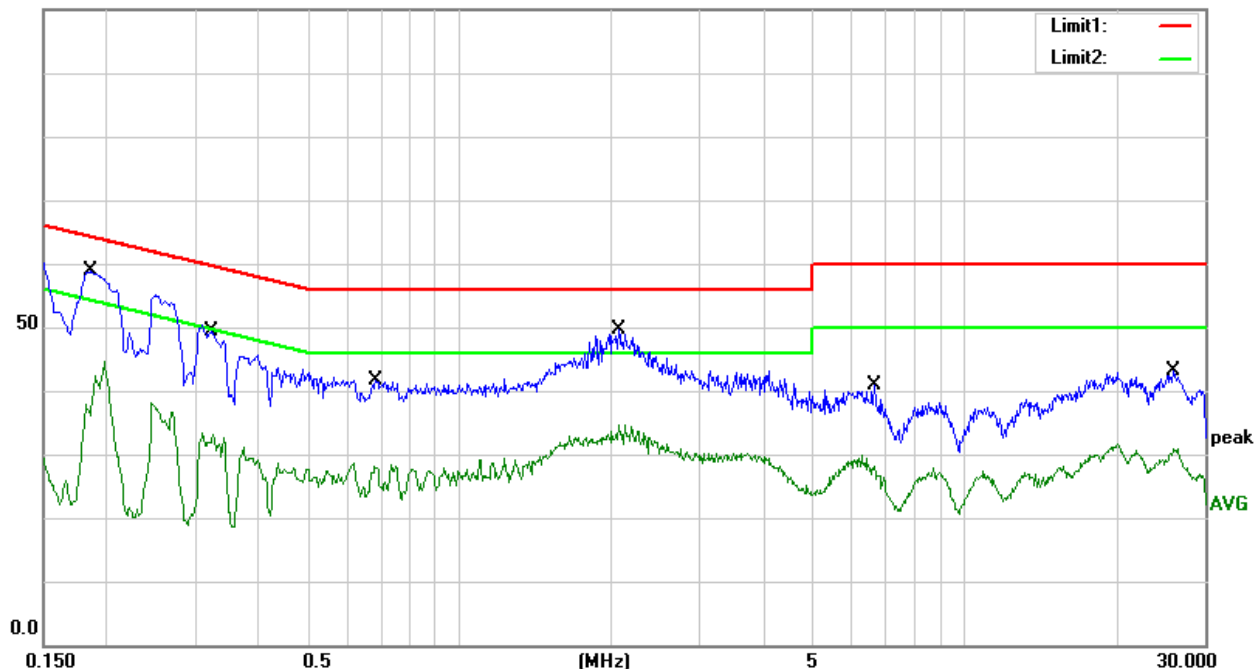
Temperature:	26.8 °C	Relative Humidity:	66%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2021.03.23

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1860	38.46	20.29	58.75	64.21	-5.46	QP
2	0.1860	17.48	20.29	37.77	54.21	-16.44	AVG
3	0.3220	28.67	20.71	49.38	59.66	-10.28	QP
4	0.3220	12.49	20.71	33.20	49.66	-16.46	AVG
5	0.6860	21.33	20.29	41.62	56.00	-14.38	QP
6	0.6860	7.91	20.29	28.20	46.00	-17.80	AVG
7	2.0660	29.41	20.14	49.55	56.00	-6.45	QP
8	2.0660	14.56	20.14	34.70	46.00	-11.30	AVG
9	6.6340	20.87	19.92	40.79	60.00	-19.21	QP
10	6.6340	8.41	19.92	28.33	50.00	-21.67	AVG
11	26.1180	22.36	20.75	43.11	60.00	-16.89	QP
12	26.1180	10.11	20.75	30.86	50.00	-19.14	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Insertion loss + Cable loss

100.0 dBuV





3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS

Below 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	☐ Class A		☒ Class B
	Field strength (dBuV/m) (at 10m)	Field strength (dBuV/m) (at 3m)	Field strength (dBuV/m) (at 3m)
30 ~ 88	39	49	40
88 ~ 216	43.5	53.5	43.5
216 ~ 960	46	56	46
Above 960	49.5	59.5	54

Above 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	☐ Class A				☒ Class B	
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	69.5	49.5	74	54

Frequency Range of Radiated Disturbance Measurement

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 ~ 108	1000
108 ~ 500	2000
500 ~ 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

Note:

- (1) The limit for radiated test was performed in the following: FCC PART 15B.
- (2) The tighter limit applies at the band edges.



(3) Emission level (dBuV/m) = 20log Emission level (uV/m).





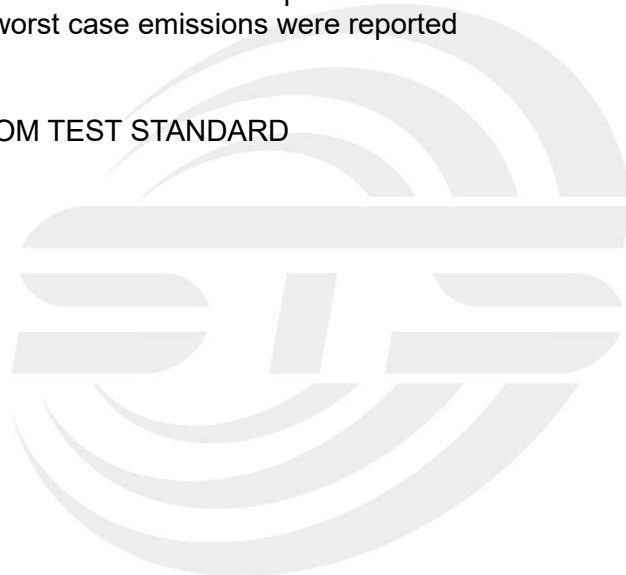
3.2.2 TEST PROCEDURE

- a. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. EUT as the center to the edge of the auxiliary device, the distance from the maximum edge to the center of the antenna is 3 meter.
- c. The height of antenna is varied from 1 meter to 4 meter above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meter and the rotatable table was turned from 0 degrees to 360 degree to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1GHz.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

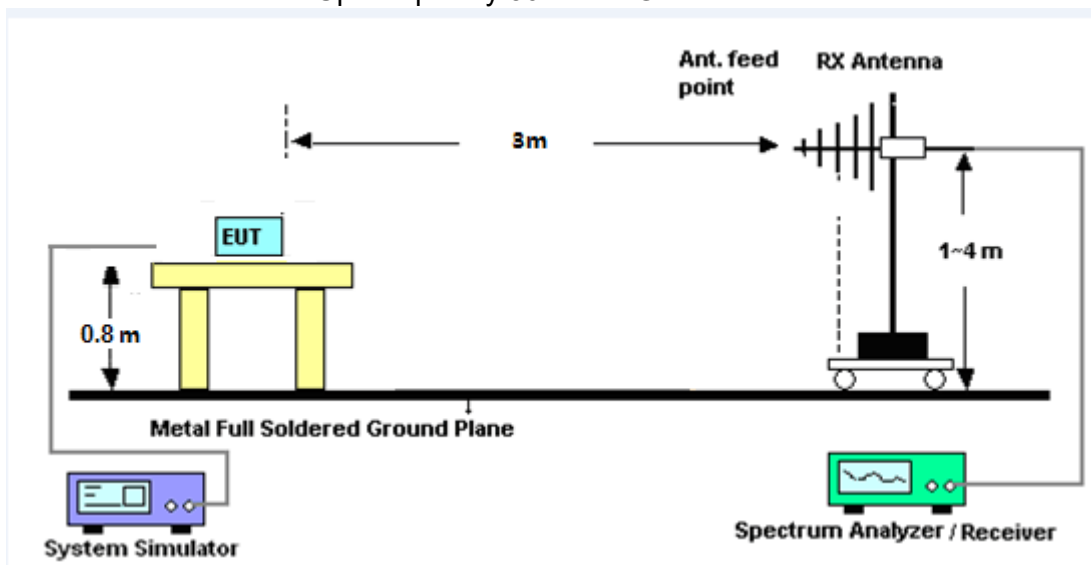
3.2.3 DEVIATION FROM TEST STANDARD

No deviation

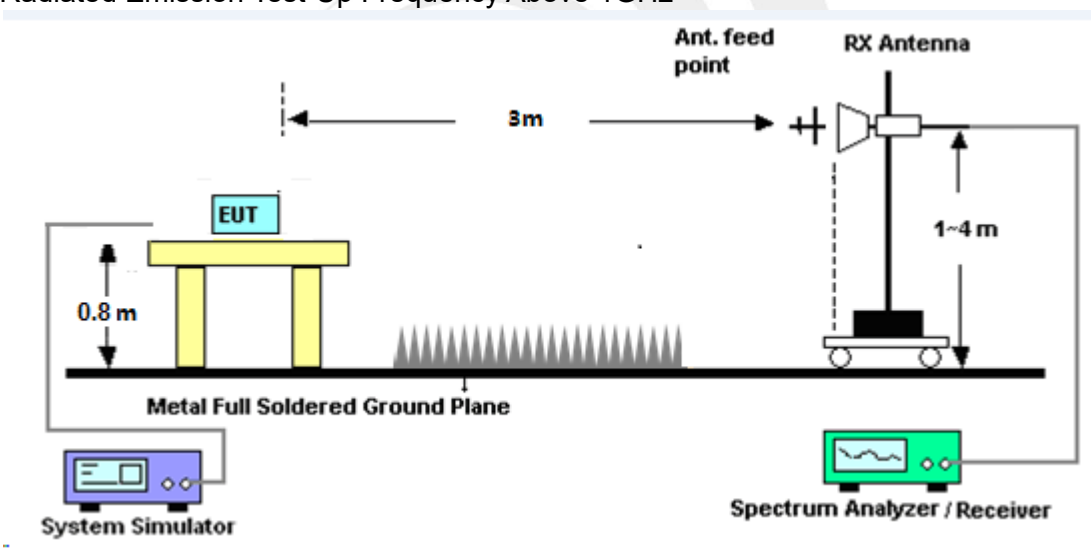


3.2.4 TEST SETUP

(A) Radiated Emission Test-Up Frequency 30MHz~1GHz



(B) Radiated Emission Test-Up Frequency Above 1GHz



3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 described unless otherwise a special operating condition is specified in the following during the testing.



3.2.6 TEST RESULTS

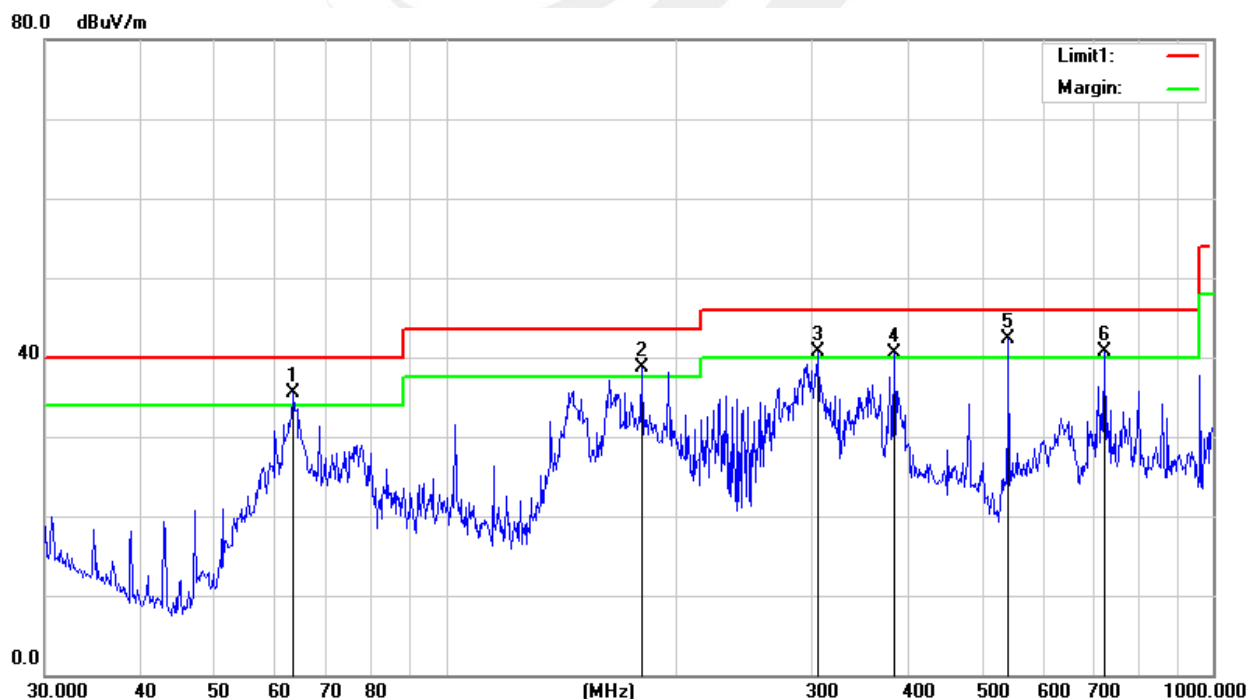
30MHz - 1000MHz

Temperature:	24.2℃	Relative Humidity:	44%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	63.3132	61.53	-25.94	35.59	40.00	-4.41	QP
2	180.0165	59.52	-20.86	38.66	43.50	-4.84	QP
3	305.6800	56.43	-15.80	40.63	46.00	-5.37	QP
4	383.9318	54.77	-14.35	40.42	46.00	-5.58	QP
5	541.3725	51.37	-9.15	42.22	46.00	-3.78	QP
6	721.7260	47.25	-6.52	40.73	46.00	-5.27	QP

Remark:

1. All readings are Quasi-Peak
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Cable Loss + Antenna Factor - Amplifier Gain





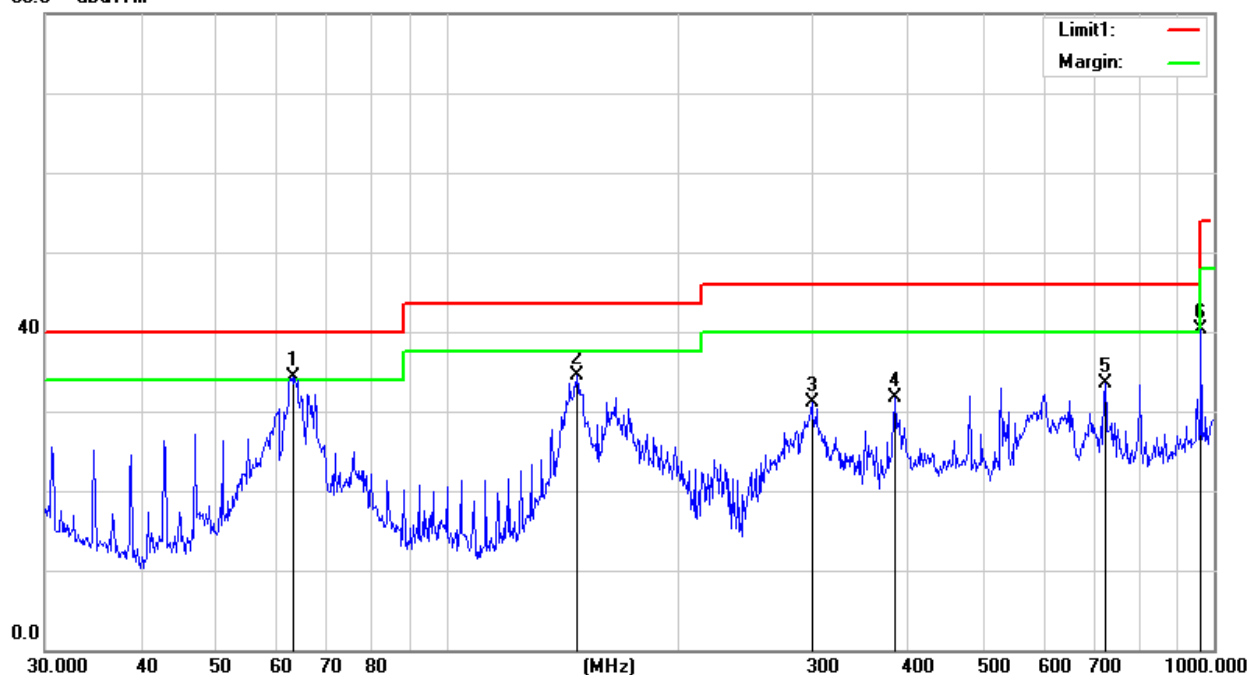
Temperature:	24.2 °C	Relative Humidity:	44%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	63.3132	60.31	-25.94	34.37	40.00	-5.63	QP
2	147.9214	52.69	-18.21	34.48	43.50	-9.02	QP
3	299.3158	47.35	-16.27	31.08	46.00	-14.92	QP
4	383.9318	46.10	-14.35	31.75	46.00	-14.25	QP
5	721.7260	39.96	-6.52	33.44	46.00	-12.56	QP
6	962.1621	42.24	-1.92	40.32	54.00	-13.68	QP

Remark:

1. All readings are Quasi-Peak
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Cable Loss + Antenna Factor - Amplifier Gain

80.0 dBuV/m





(1 GHz - 18GHz)

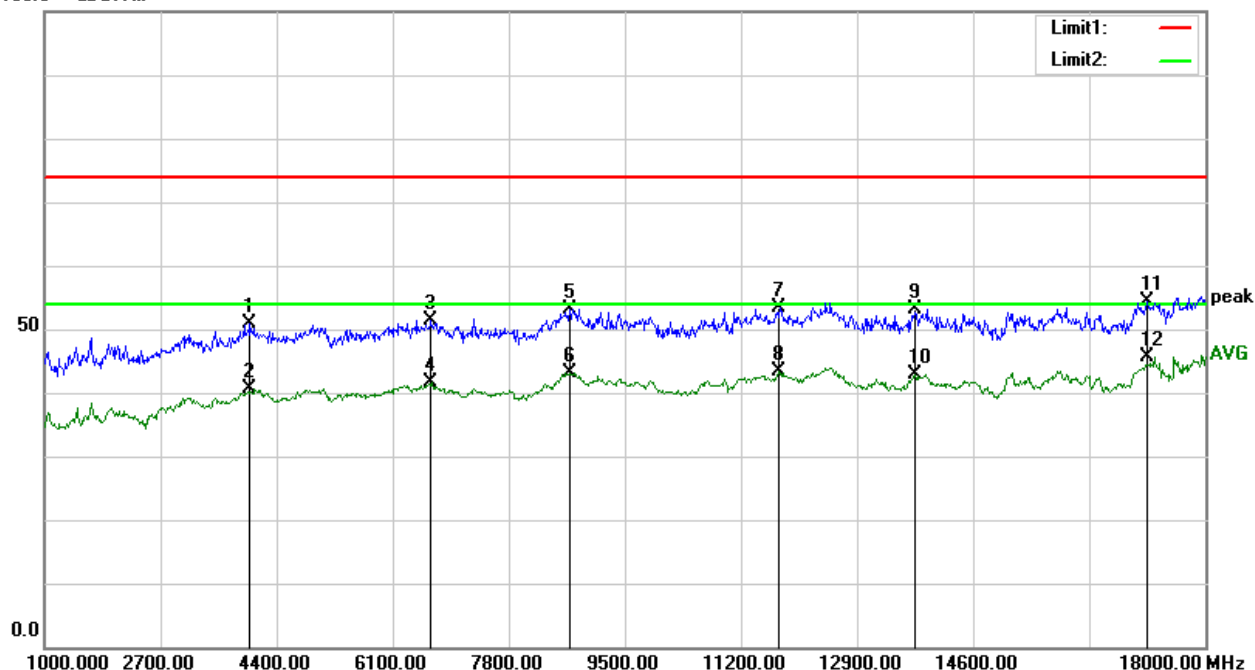
Temperature:	22.4 °C	Relative Humidity:	41%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DV 5V	Test Date:	2021.03.25

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	4009.000	46.47	4.38	50.85	74.00	-23.15	Peak
2	4009.000	36.22	4.38	40.60	54.00	-13.40	AVG
3	6661.000	41.14	10.17	51.31	74.00	-22.69	Peak
4	6661.000	31.38	10.17	41.55	54.00	-12.45	AVG
5	8684.000	39.89	13.23	53.12	74.00	-20.88	Peak
6	8684.000	30.01	13.23	43.24	54.00	-10.76	AVG
7	11744.000	38.79	14.60	53.39	74.00	-20.61	Peak
8	11744.000	28.66	14.60	43.26	54.00	-10.74	AVG
9	13750.000	36.69	16.44	53.13	74.00	-20.87	Peak
10	13750.000	26.49	16.44	42.93	54.00	-11.07	AVG
11	17150.000	35.05	19.35	54.40	74.00	-19.60	Peak
12	17150.000	26.24	19.35	45.59	54.00	-8.41	AVG

Remark:

1. All readings are Peak and Average values
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Cable Loss + Antenna Factor - Amplifier Gain

100.0 dBuV/m





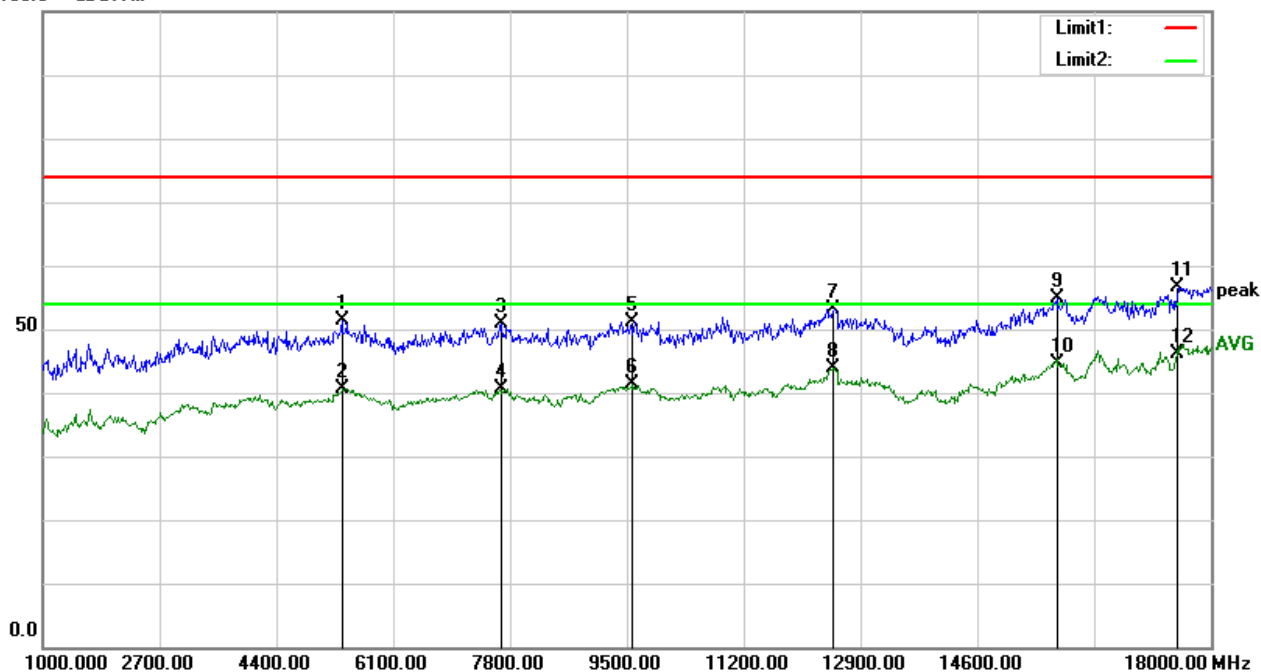
Temperature:	22.4℃	Relative Humidity:	41%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.03.25

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	5352.000	44.30	7.03	51.33	74.00	-22.67	Peak
2	5352.000	33.72	7.03	40.75	54.00	-13.25	AVG
3	7664.000	39.69	11.09	50.78	74.00	-23.22	Peak
4	7664.000	29.51	11.09	40.60	54.00	-13.40	AVG
5	9585.000	37.62	13.47	51.09	74.00	-22.91	Peak
6	9585.000	27.92	13.47	41.39	54.00	-12.61	AVG
7	12509.000	37.65	15.56	53.21	74.00	-20.79	Peak
8	12509.000	28.35	15.56	43.91	54.00	-10.09	AVG
9	15756.000	38.02	16.78	54.80	74.00	-19.20	Peak
10	15756.000	27.95	16.78	44.73	54.00	-9.27	AVG
11	17507.000	34.91	21.60	56.51	74.00	-17.49	Peak
12	17507.000	24.61	21.60	46.21	54.00	-7.79	AVG

Remark:

1. All readings are Peak and Average values
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Cable Loss + Antenna Factor - Amplifier Gain

100.0 dBuV/m





(18 GHz - 25GHz)

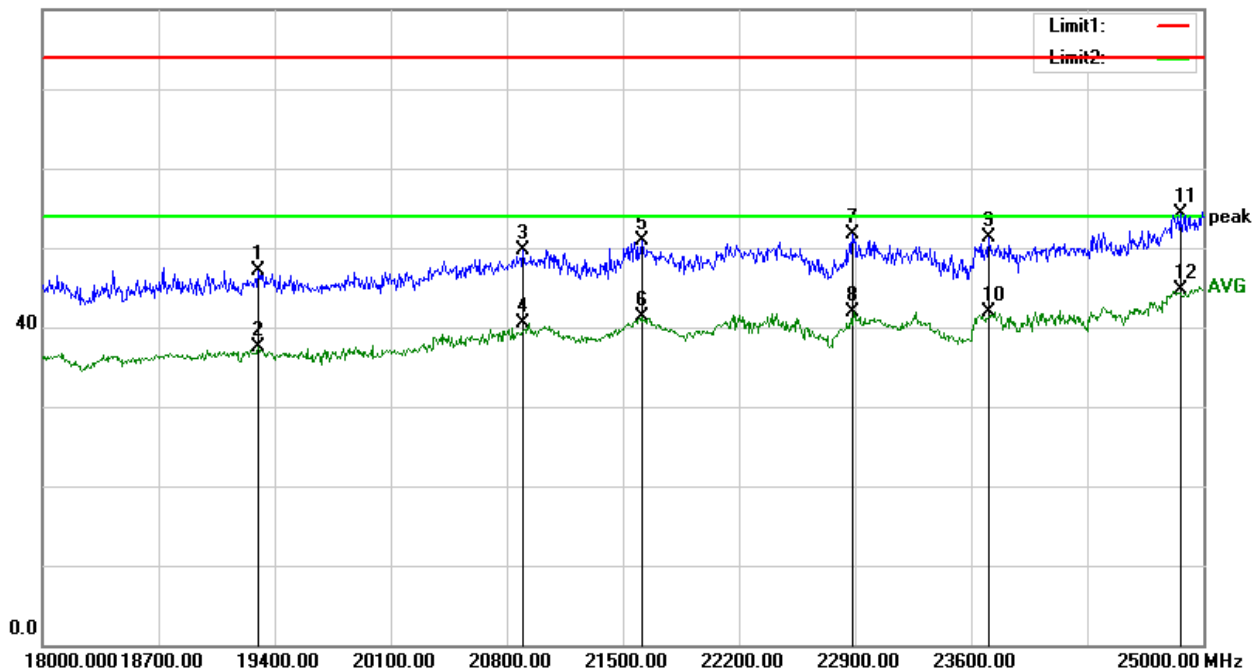
Temperature:	22.4℃	Relative Humidity:	41%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.03.25

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	19302.000	21.94	25.23	47.17	74.00	-26.83	Peak
2	19302.000	12.27	25.23	37.50	54.00	-16.50	AVG
3	20898.000	24.82	24.92	49.74	74.00	-24.26	Peak
4	20898.000	15.58	24.92	40.50	54.00	-13.50	AVG
5	21612.000	26.14	24.69	50.83	74.00	-23.17	Peak
6	21612.000	16.55	24.69	41.24	54.00	-12.76	AVG
7	22886.000	27.23	24.52	51.75	74.00	-22.25	Peak
8	22886.000	17.34	24.52	41.86	54.00	-12.14	AVG
9	23705.000	26.53	24.77	51.30	74.00	-22.70	Peak
10	23705.000	17.11	24.77	41.88	54.00	-12.12	AVG
11	24860.000	29.25	24.96	54.21	74.00	-19.79	Peak
12	24860.000	19.70	24.96	44.66	54.00	-9.34	AVG

Remark:

1. All readings are Peak and Average values
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Cable Loss + Antenna Factor - Amplifier Gain

80.0 dBuV/m





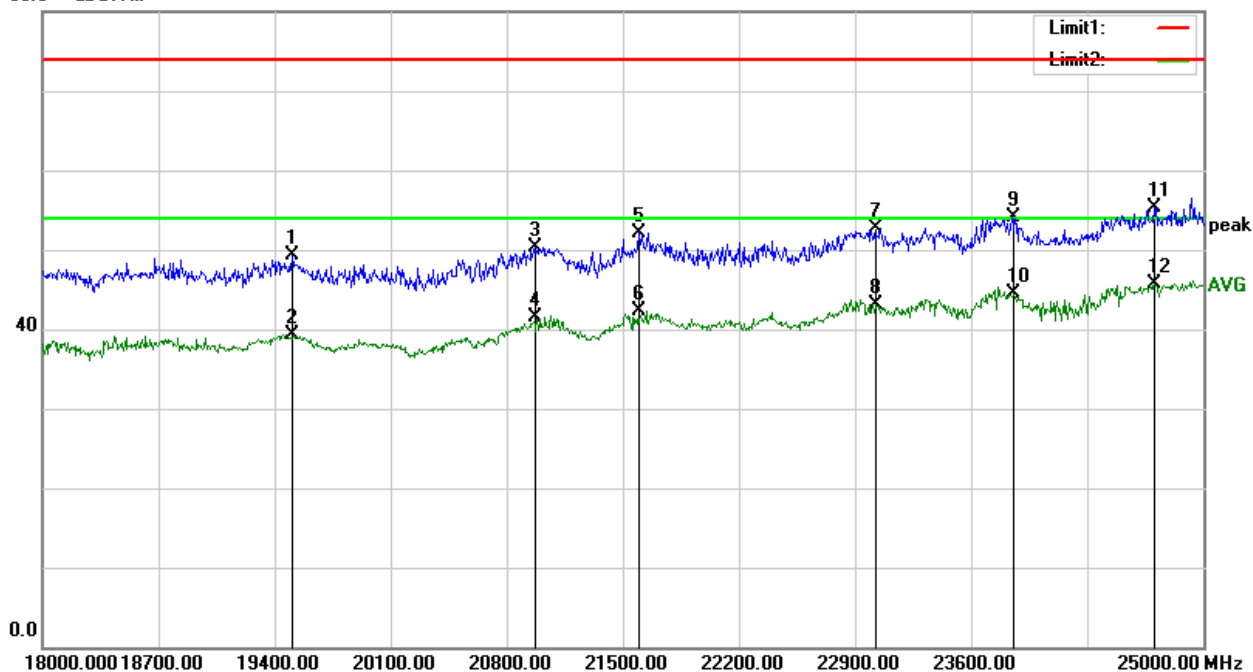
Temperature:	22.4 °C	Relative Humidity:	41%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.03.25

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	19505.000	23.62	25.63	49.25	74.00	-24.75	Peak
2	19505.000	13.64	25.63	39.27	54.00	-14.73	AVG
3	20975.000	25.41	24.92	50.33	74.00	-23.67	Peak
4	20975.000	16.56	24.92	41.48	54.00	-12.52	AVG
5	21598.000	27.49	24.71	52.20	74.00	-21.80	Peak
6	21598.000	17.59	24.71	42.30	54.00	-11.70	AVG
7	23026.000	28.21	24.56	52.77	74.00	-21.23	Peak
8	23026.000	18.64	24.56	43.20	54.00	-10.80	AVG
9	23859.000	29.36	24.81	54.17	74.00	-19.83	Peak
10	23859.000	19.63	24.81	44.44	54.00	-9.56	AVG
11	24706.000	30.27	24.96	55.23	74.00	-18.77	Peak
12	24706.000	20.67	24.96	45.63	54.00	-8.37	AVG

Remark:

1. All readings are Peak and Average values
2. Margin = Result (Result = Reading + Factor) – Limit
3. Factor = Cable Loss + Antenna Factor – Amplifier Gain

80.0 dBuV/m



*****END OF THE REPORT*****