



FCC Part 15B TEST REPORT

Report No.: STS2103175E03

Issued for

Shanghai Unihertz E-Commerce Co., Ltd

Room 308, Building C, 508 Chundong Rd, Minhang district
Shanghai, China 201108

Product Name:	Smart phone
Brand Name:	Unihertz
Model Name:	Titan pocket
Series Model:	N/A
FCC ID:	2AK6CTITANPOCKET
Test Standard:	FCC 47 CFR Part 15: Subpart B

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**TEST RESULT CERTIFICATION**

Applicant's Name: Shanghai Unihertz E-Commerce Co., Ltd
Address: Room 308, Building C, 508 Chundong Rd, Minhang district
Shanghai, China 201108
Manufacture's Name: OBLUE Communication Technology Co., Ltd.
Address: 7th floor, building B, dayou industrial and trade industrial park,
heping yonghe road, fuyong street, baoan district, Shenzhen, China
Product Description:
Product Name: Smart phone
Brand Name: Unihertz
Model Name: Titan pocket
Series Model: N/A
Standards.....: FCC 47 CFR Part 15: Subpart B
Test Procedure.....: ANSI C63.4-2014

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Date of Test:
Date of Receipt of Test Item: 29 Mar. 2021
Date of Performance of Tests.....: 29 Mar. 2021 ~ 31 Mar. 2021
Date of Issue: 06 Apr. 2021
Test Result.....: **Pass**

Compiled by :

(Mickey Deng)

Technical Manager :

(Barry Li)

Authorized Signatory :

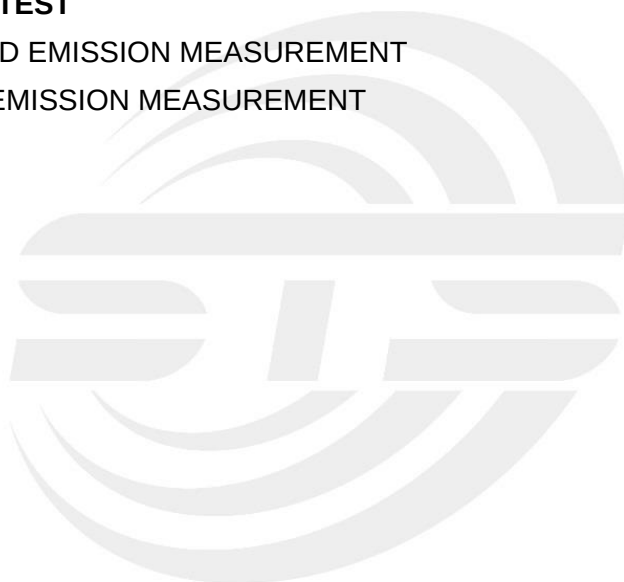
(Vita Li)





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**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	06 Apr. 2021	STS2103175E03	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	Unihertz	
Model Name	Titan pocket	
Series Model	N/A	
Model Difference	N/A	
Frequency Bands	GSM	850MHz: 824.2~848.8MHz 1900MHz: 1850.2~1909.8MHz
	WCDMA	850MHz:826.4~846.6MHz 1900MHz:1852.4~1907.6MHz 1700MHz:1712.4~1752.6MHz
	LTE	Band 2: 1850 MHz to 1910 MHz Band 4: 1710 MHz to 1755 MHz Band 5: 824 MHz to 849 MHz Band 7: 2500 MHz to 2570 MHz Band 12: 698 MHz to 716 MHz Band 13: 777 MHz to 787 MHz Band 17: 704 MHz to 716 MHz Band 25: 1850 MHz to 1915 MHz Band 26: 814 MHz to 849 MHz Band 38: 2570 MHz to 2620 MHz Band 40: 2300 MHz to 2400 MHz Band 41: 2496 MHz to 2690 MHz Band 66: 1710 MHz to 1780 MHz
	WLAN	2.4GHz IEEE 802.11b/g/n(20MHz): 2412MHz to 2472 MHz 2.4GHz IEEE 802.11n(40MHz): 2422MHz to 2462 MHz 5GHz IEEE 802.11a/n/ac(20MHz): 5180 MHz to 5700 MHz 5GHz IEEE 802.11n/ac(40MHz): 5190 MHz to 5670 MHz 5GHz IEEE 802.11a/n/ac(80MHz): 5210 MHz to 5610 MHz
	Bluetooth	2402 MHz to 2480 MHz
	GPS	1575.42MHz
	FM	87.5MHz to 108MHz
Modulation Mode	GSM	GMSK for GSM/GPRS; GMSK and 8PSK for EDGE
	WCDMA	HSDPA:QPSK/16QAM; HSUPA:BPSK
	LTE	QPSK/16QAM



	WLAN	2.4GHz: 802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g/n(OFDM): BPSK,QPSK,16-QAM,64-QAM 5GHz: 802.11a/n(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11ac(OFDM):BPSK,QPSK,16-QAM,64-QAM,256-QAM
	Bluetooth	BT(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8DPSK
	BLE	GFSK
	GPS	BPSK
	FM	FM
Adapter	Input: 100-240V 50/60Hz 0.6A Output: 6V 3.0A,9V 2.0A,12V 1.5A	
Battery	Rated Voltage:3.85V ChargeLimit Voltage:4.4V Capacity: 4000MAH	
Hardware Version Number	G66_V2.5	
Software Version Number	Titan_pocket_20210326	

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+ + NFC
Mode 3	GSM900 Link + Adapter + USB cable + Earphone + BT Link + NFC
Mode 4	DCS1800 Idle + Adapter + USB cable + Earphone + BT Link + NFC
Mode 5	WCDMA2100 Link + Adapter + USB cable + Earphone + BT Link + WLAN (2.4G) Link + NFC
Mode 6	WCDMA900 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 7	LTE B1 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 8	LTE B3 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 9	LTE B7 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 10	LTE B8 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 11	LTE B20 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 12	LTE B28 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 13	LTE B34 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 14	LTE B38 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC
Mode 15	LTE B40 Link + Adapter + USB cable + Earphone + BT Link + WLAN (5G) Link + NFC

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

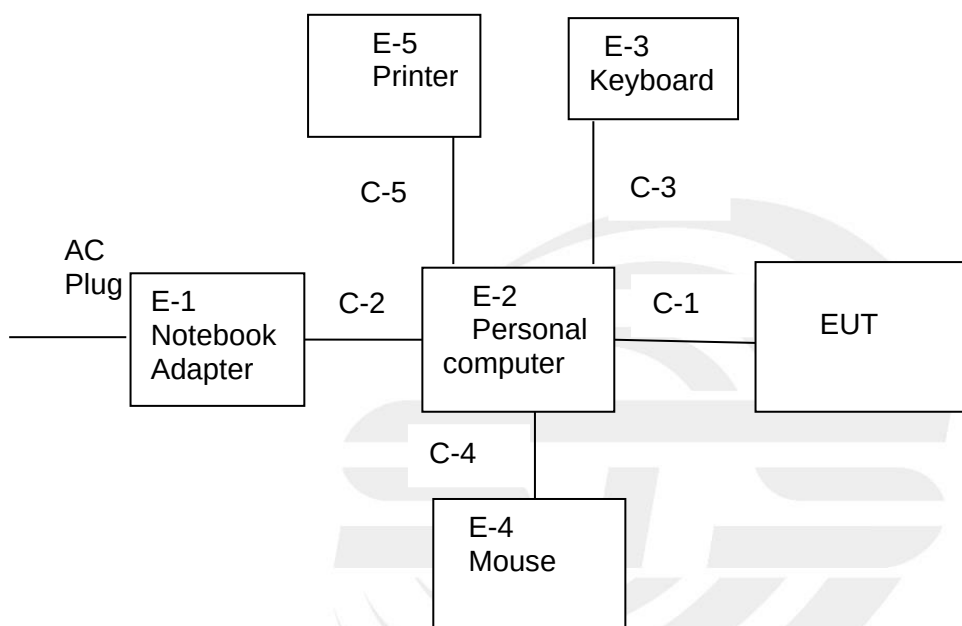
For Radiated Test	
Final Test Mode	Description
Mode 1	PC+USB Transmitting+SD Card

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	100cm	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	SCHWARZBECK	BBHA 9120D	1343	2020.10.12	2022.10.11
Pre-amplifier(1-26.5 G)	Agilent	8449B	3008A02383	2020.10.12	2021.10.11
Pre-amplifier(0.1M-3 GHz)	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

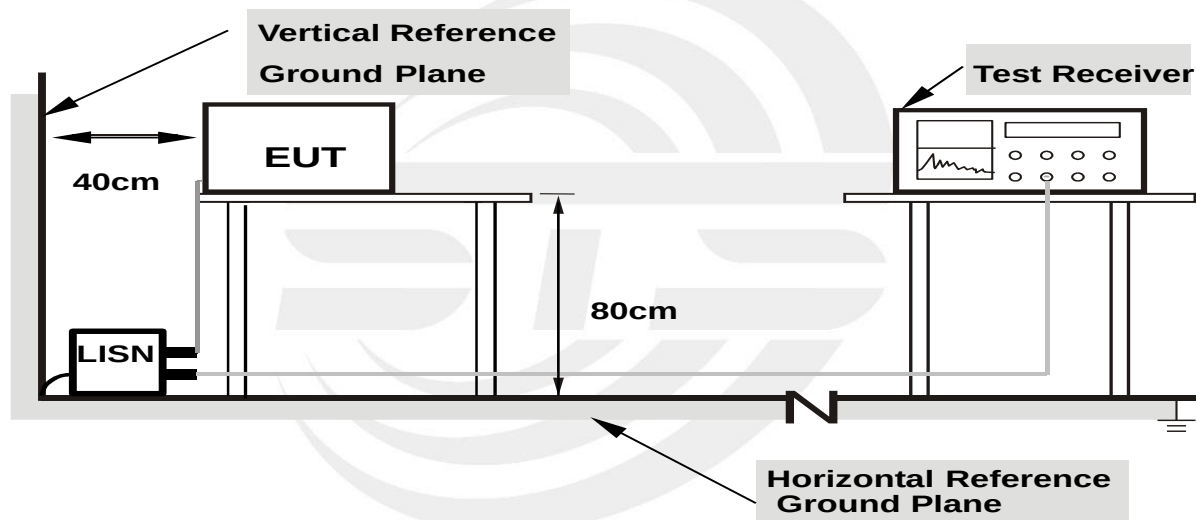
3.1.2 TEST PROCEDURE

- 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

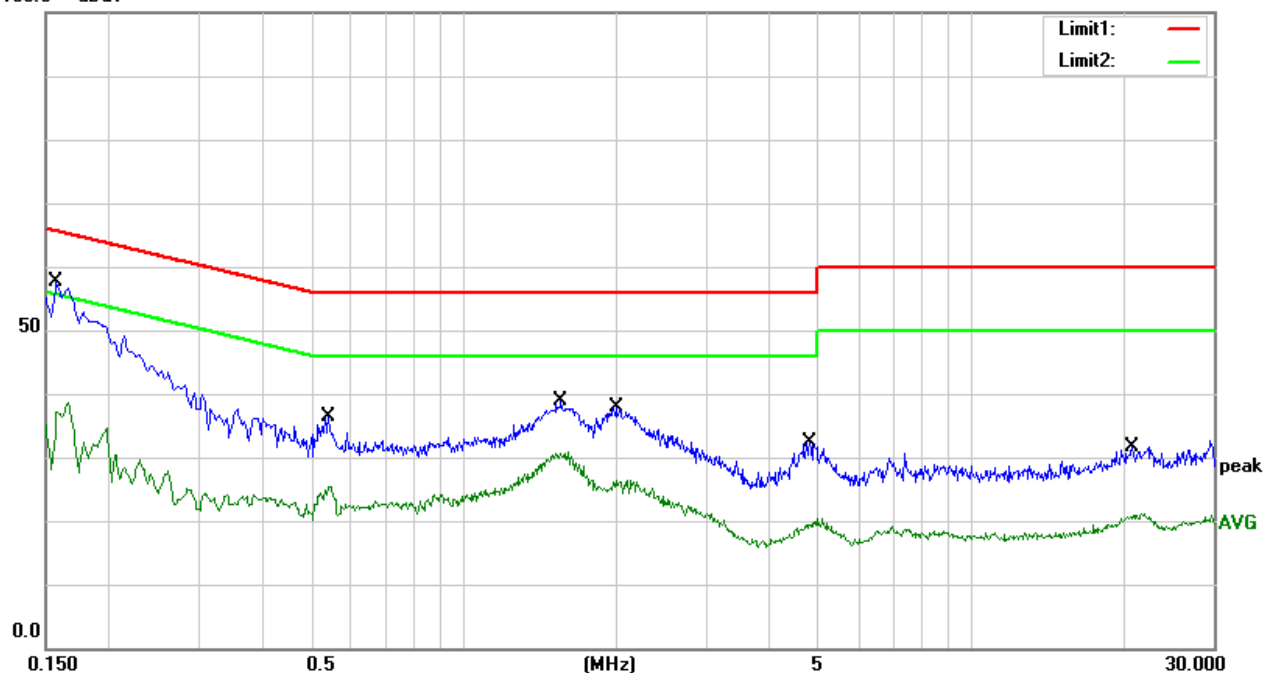
Temperature:	21.8 °C	Relative Humidity:	54%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1580	37.35	20.33	57.68	65.57	-7.89	QP
2	0.1580	16.82	20.33	37.15	55.57	-18.42	AVG
3	0.5420	15.98	20.50	36.48	56.00	-19.52	QP
4	0.5420	4.79	20.50	25.29	46.00	-20.71	AVG
5	1.5580	18.46	20.30	38.76	56.00	-17.24	QP
6	1.5580	10.52	20.30	30.82	46.00	-15.18	AVG
7	1.9940	17.68	20.30	37.98	56.00	-18.02	QP
8	1.9940	6.01	20.30	26.31	46.00	-19.69	AVG
9	4.8020	11.84	20.45	32.29	56.00	-23.71	QP
10	4.8020	-0.20	20.45	20.25	46.00	-25.75	AVG
11	20.7420	8.72	22.85	31.57	60.00	-28.43	QP
12	20.7420	-1.67	22.85	21.18	50.00	-28.82	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





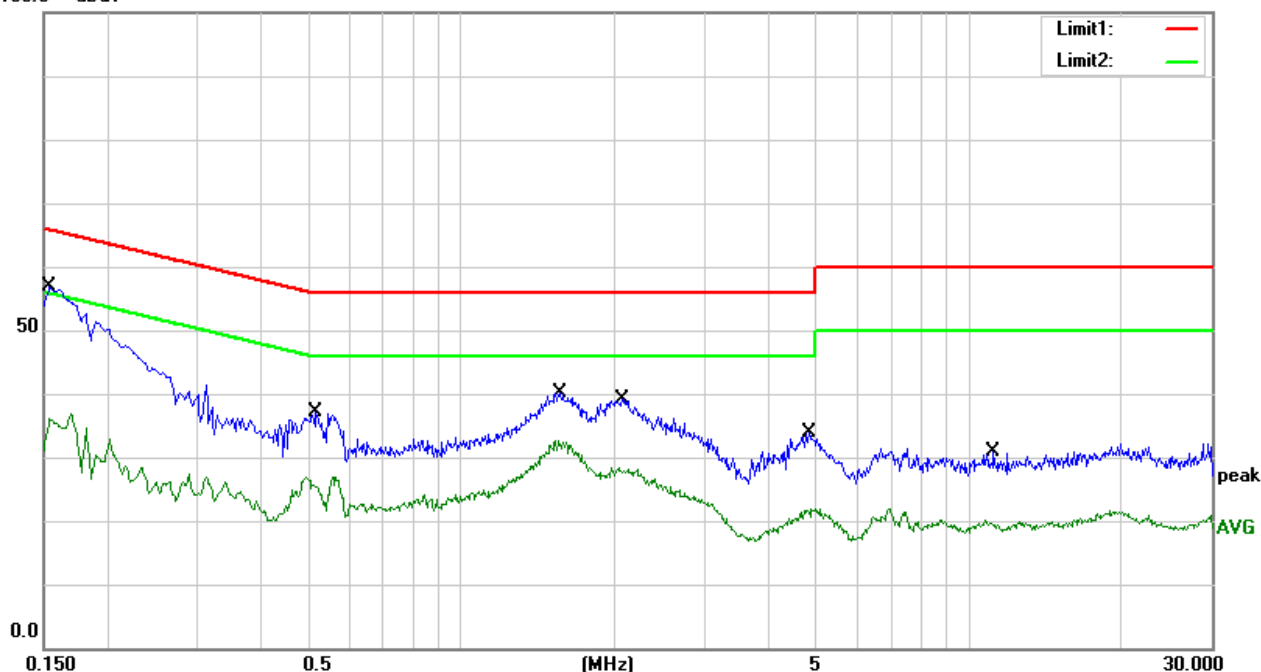
Temperature:	21.8 °C	Relative Humidity:	54%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBUV)	Correct Factor (dB)	Result (dBUV)	Limit (dBUV)	Margin (dB)	Detector
1	0.1540	36.47	20.33	56.80	65.78	-8.98	QP
2	0.1540	16.57	20.33	36.90	55.78	-18.88	AVG
3	0.5180	16.50	20.52	37.02	56.00	-18.98	QP
4	0.5180	6.46	20.52	26.98	46.00	-19.02	AVG
5	1.5660	19.78	20.30	40.08	56.00	-15.92	QP
6	1.5660	12.38	20.30	32.68	46.00	-13.32	AVG
7	2.0740	18.90	20.30	39.20	56.00	-16.80	QP
8	2.0740	8.13	20.30	28.43	46.00	-17.57	AVG
9	4.8300	13.48	20.45	33.93	56.00	-22.07	QP
10	4.8300	1.46	20.45	21.91	46.00	-24.09	AVG
11	11.1660	9.57	21.33	30.90	60.00	-29.10	QP
12	11.1660	-1.33	21.33	20.00	50.00	-30.00	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).



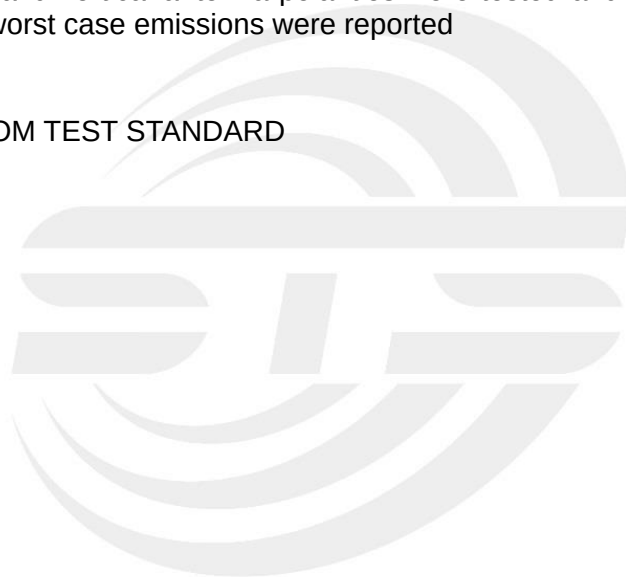
3.2.2 TEST PROCEDURE

- 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

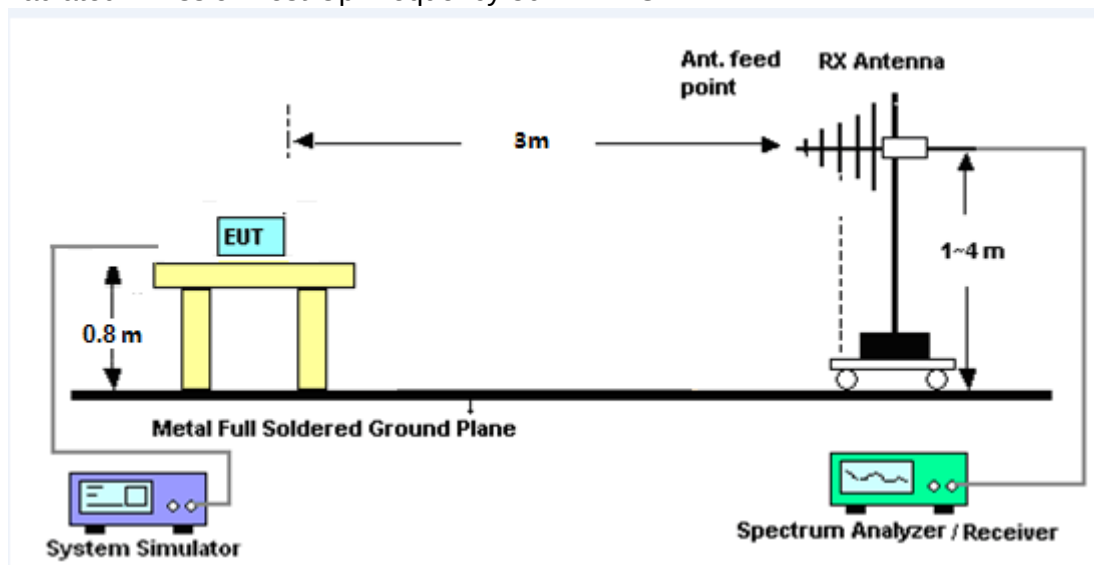
3.2.3 DEVIATION FROM TEST STANDARD

No deviation

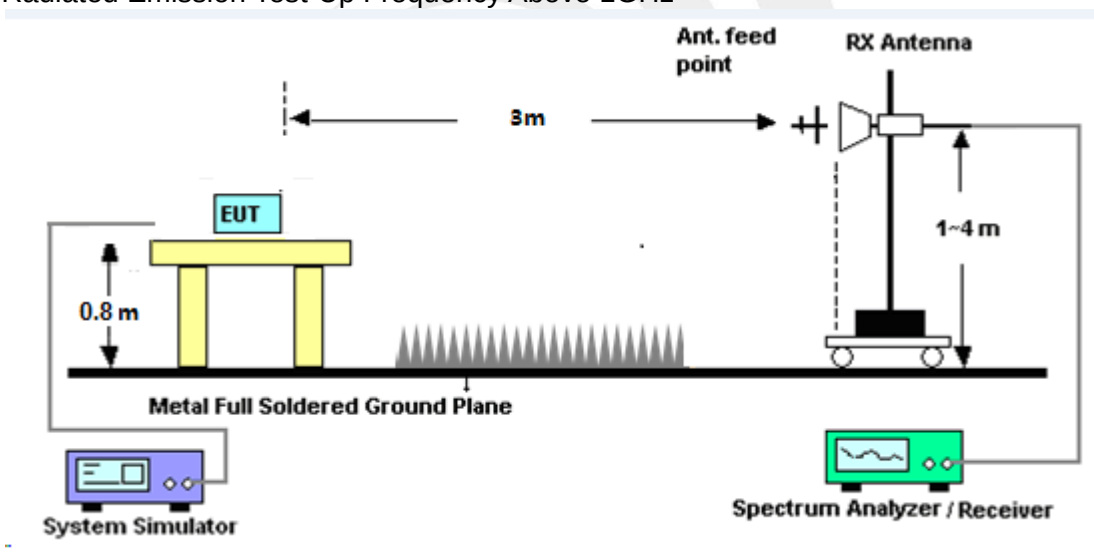


3.2.4 TEST SETUP

(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

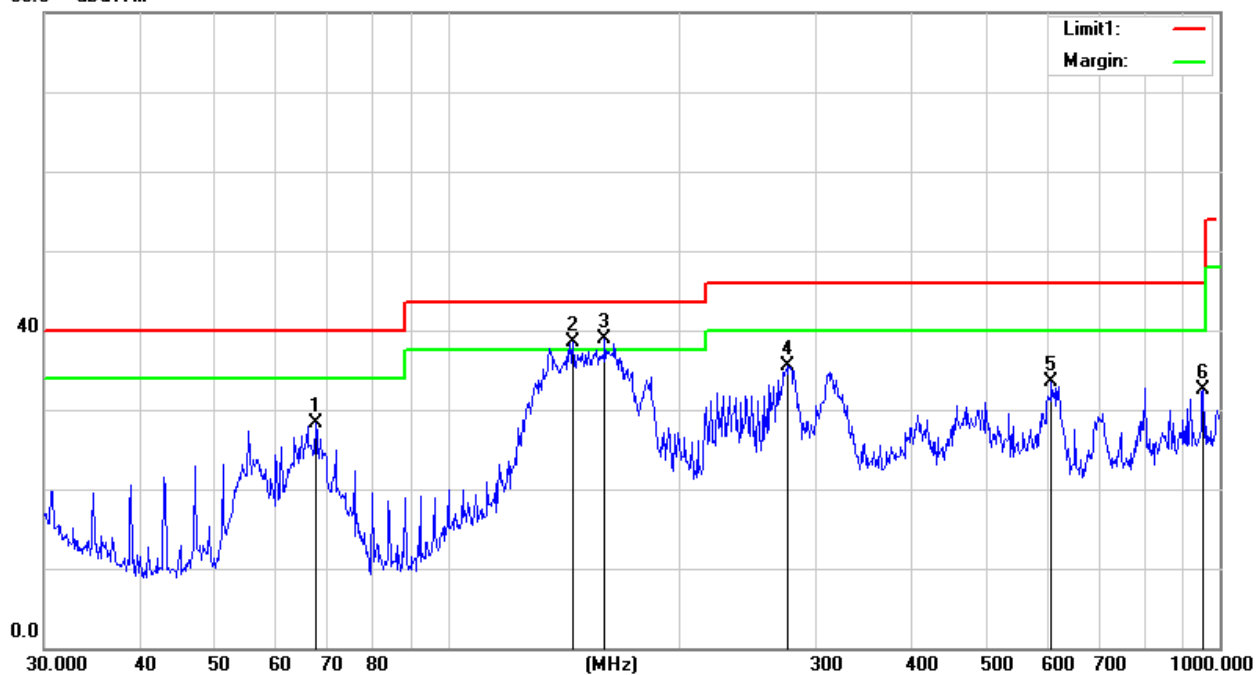
Temperature:	24.2℃	Relative Humidity:	44%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V From PC	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	67.4382	54.38	-26.01	28.37	40.00	-11.63	QP
2	145.3506	56.87	-18.38	38.49	43.50	-5.01	QP
3	159.7844	57.48	-18.66	38.82	43.50	-4.68	QP
4	276.1235	51.43	-15.93	35.50	46.00	-10.50	QP
5	605.6592	42.08	-8.62	33.46	46.00	-12.54	QP
6	952.0937	34.60	-2.10	32.50	46.00	-13.50	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





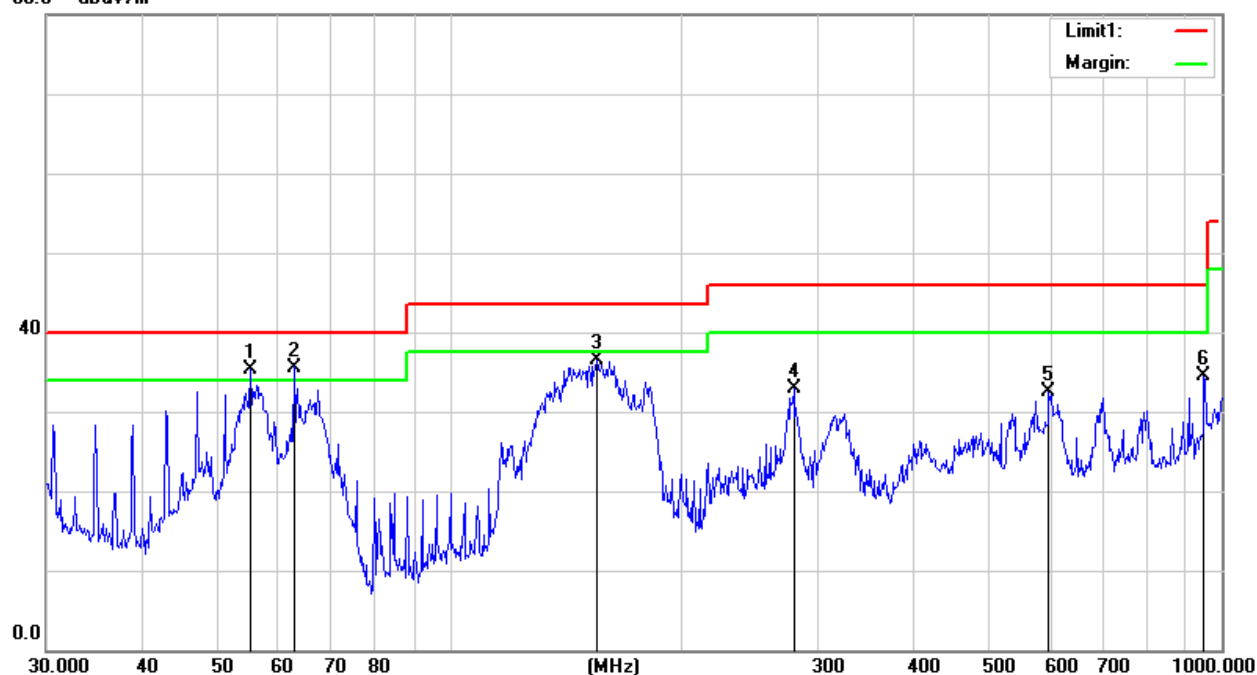
Temperature:	24.2°C	Relative Humidity:	44%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V From PC	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBUV)	Correct Factor (dB)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	55.2207	59.13	-23.87	35.26	40.00	-4.74	QP
2	62.8708	61.54	-25.94	35.60	40.00	-4.40	QP
3	155.3644	54.88	-18.40	36.48	43.50	-7.02	QP
4	279.0436	48.64	-15.80	32.84	46.00	-13.16	QP
5	597.2234	41.17	-8.62	32.55	46.00	-13.45	QP
6	948.7610	36.65	-2.18	34.47	46.00	-11.53	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)

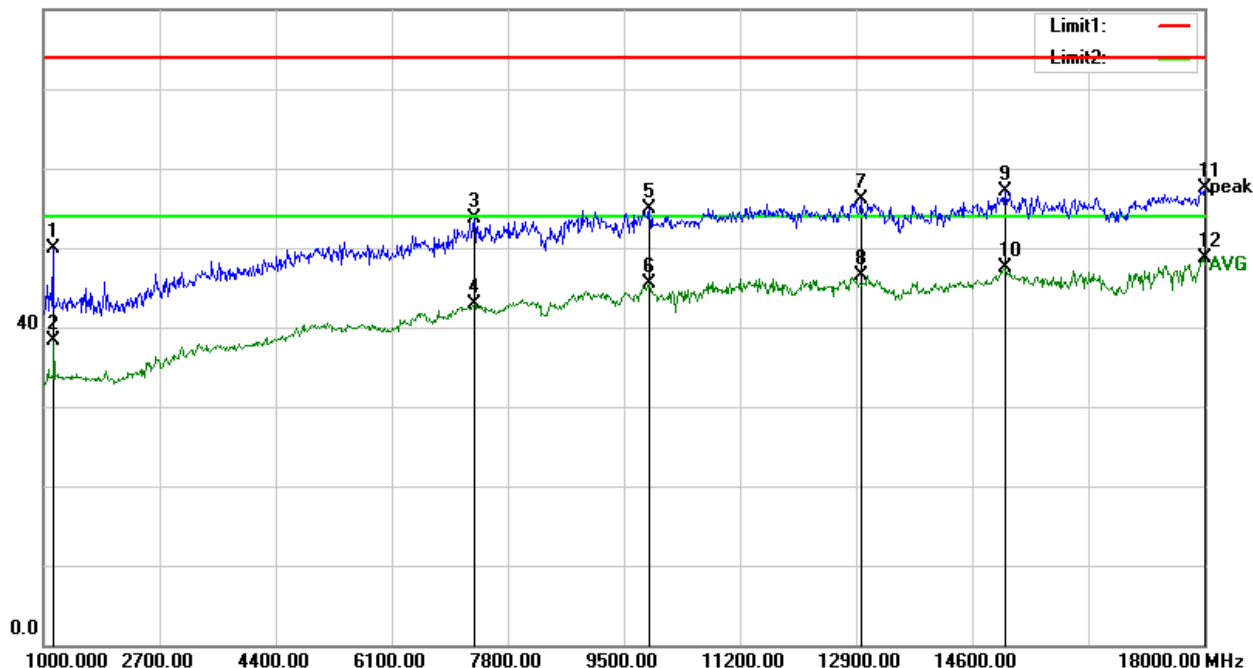
Temperature:	24.2℃	Relative Humidity:	44%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V From PC	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	1136.000	52.33	-2.39	49.94	74.00	-24.06	Peak
2	1136.000	40.62	-2.39	38.23	54.00	-15.77	AVG
3	7307.000	40.74	12.95	53.69	74.00	-20.31	Peak
4	7307.000	30.03	12.95	42.98	54.00	-11.02	AVG
5	9874.000	38.93	15.94	54.87	74.00	-19.13	Peak
6	9874.000	29.58	15.94	45.52	54.00	-8.48	AVG
7	12968.000	38.72	17.42	56.14	74.00	-17.86	Peak
8	12968.000	29.03	17.42	46.45	54.00	-7.55	AVG
9	15093.000	38.55	18.60	57.15	74.00	-16.85	Peak
10	15093.000	28.84	18.60	47.44	54.00	-6.56	AVG
11	18000.000	30.33	27.17	57.50	74.00	-16.50	Peak
12	18000.000	21.58	27.17	48.75	54.00	-5.25	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





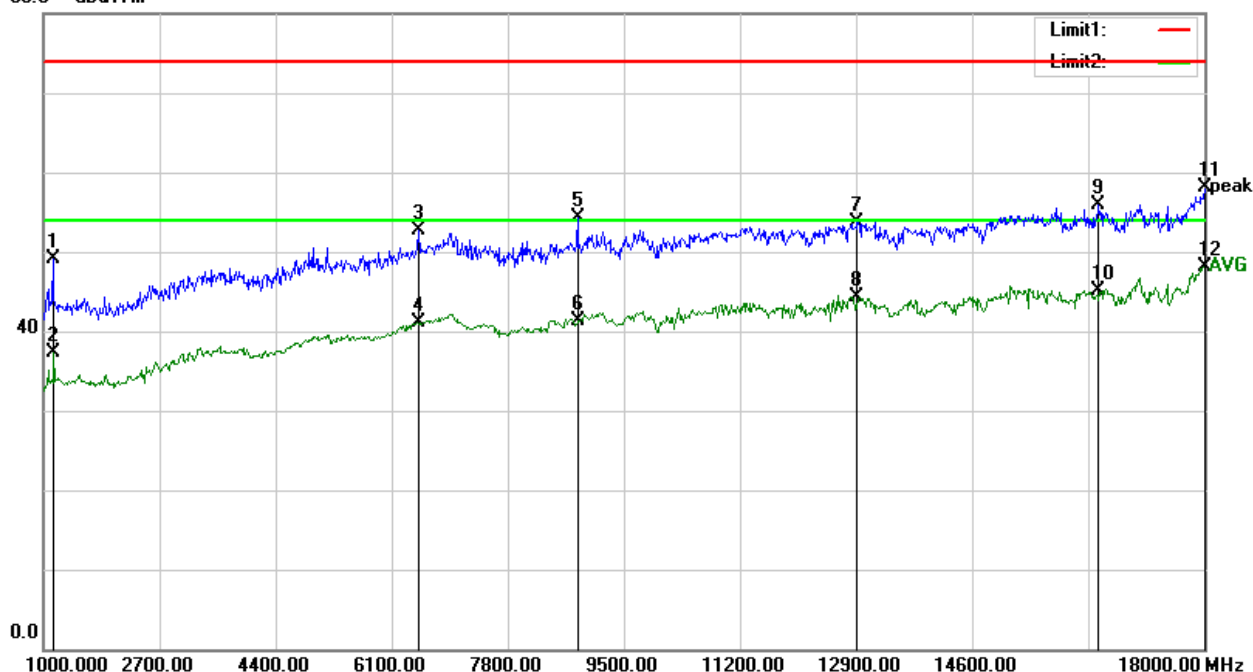
Temperature:	24.2℃	Relative Humidity:	44%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V From PC	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	1136.000	51.47	-2.39	49.08	74.00	-24.92	Peak
2	1136.000	39.68	-2.39	37.29	54.00	-16.71	AVG
3	6491.000	41.73	10.88	52.61	74.00	-21.39	Peak
4	6491.000	30.14	10.88	41.02	54.00	-12.98	AVG
5	8820.000	38.56	15.71	54.27	74.00	-19.73	Peak
6	8820.000	25.55	15.71	41.26	54.00	-12.74	AVG
7	12917.000	36.30	17.39	53.69	74.00	-20.31	Peak
8	12917.000	26.82	17.39	44.21	54.00	-9.79	AVG
9	16453.000	36.97	19.03	56.00	74.00	-18.00	Peak
10	16453.000	26.14	19.03	45.17	54.00	-8.83	AVG
11	18000.000	30.85	27.17	58.02	74.00	-15.98	Peak
12	18000.000	20.95	27.17	48.12	54.00	-5.88	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





(18 GHz - 25GHz)

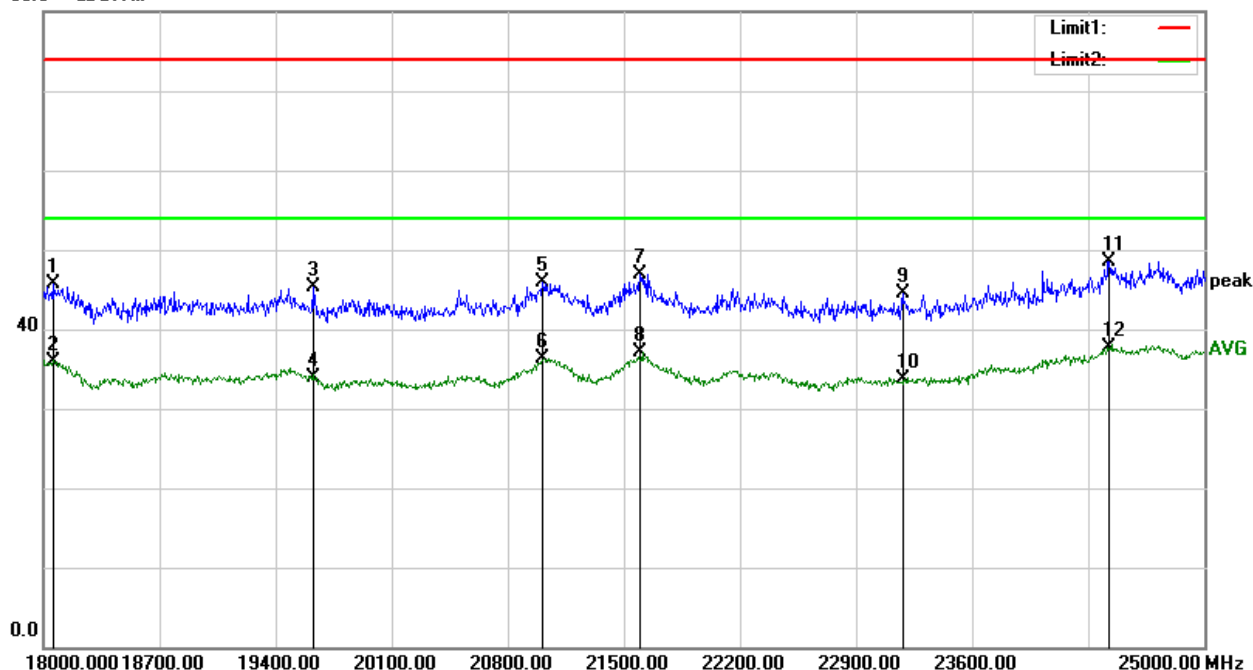
Temperature:	24.2℃	Relative Humidity:	44%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V From PC	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	18056.000	18.72	26.89	45.61	74.00	-28.39	Peak
2	18056.000	8.92	26.89	35.81	54.00	-18.19	AVG
3	19624.000	20.08	25.19	45.27	74.00	-28.73	Peak
4	19624.000	8.63	25.19	33.82	54.00	-20.18	AVG
5	21010.000	20.93	24.91	45.84	74.00	-28.16	Peak
6	21010.000	11.40	24.91	36.31	54.00	-17.69	AVG
7	21598.000	22.27	24.71	46.98	74.00	-27.02	Peak
8	21598.000	12.32	24.71	37.03	54.00	-16.97	AVG
9	23180.000	19.98	24.62	44.60	74.00	-29.40	Peak
10	23180.000	9.14	24.62	33.76	54.00	-20.24	AVG
11	24426.000	23.54	24.94	48.48	74.00	-25.52	Peak
12	24426.000	12.73	24.94	37.67	54.00	-16.33	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





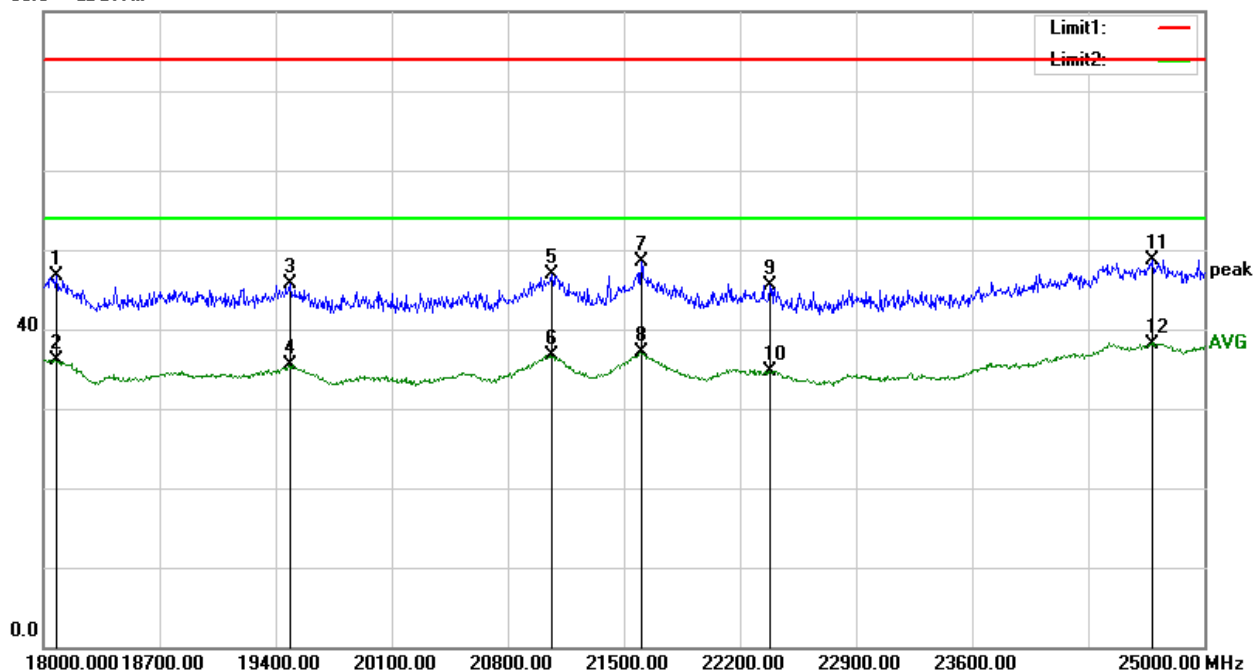
Temperature:	24.2℃	Relative Humidity:	44%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V From PC	Test Date:	2021.03.29

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	18077.000	20.01	26.79	46.80	74.00	-27.20	Peak
2	18077.000	9.37	26.79	36.16	54.00	-17.84	AVG
3	19491.000	20.04	25.61	45.65	74.00	-28.35	Peak
4	19491.000	9.99	25.61	35.60	54.00	-18.40	AVG
5	21066.000	21.97	24.89	46.86	74.00	-27.14	Peak
6	21066.000	11.83	24.89	36.72	54.00	-17.28	AVG
7	21605.000	23.77	24.70	48.47	74.00	-25.53	Peak
8	21605.000	12.35	24.70	37.05	54.00	-16.95	AVG
9	22382.000	21.08	24.45	45.53	74.00	-28.47	Peak
10	22382.000	10.34	24.45	34.79	54.00	-19.21	AVG
11	24685.000	23.78	24.96	48.74	74.00	-25.26	Peak
12	24685.000	13.24	24.96	38.20	54.00	-15.80	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*****