FCC Part 15B TEST REPORT

Report No.: STS2111120E01

Issued for

PCD, LLC

1500 Tradeport Drive, Suite A, Orlando, United States 32824

Product Name:	mobile phone
Brand Name:	PCD
Model Name:	U40
Series Model:	N/A
FCC ID:	2ALJJU40
Test Standard:	FCC 47 CFR Part 15: Subpart B

Shenzhen STS Test Services Co., Ltd.
A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ,
Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China
TEL: +86-755 3688 6288 FAX: +86-755 3688 6277 E-mail:sts@stsapp.com

TEST RESULT CERTIFICATION

Applicant's Name ..... : PCD, LLC

Address ..... : 1500 Tradeport Drive, Suite A, Orlando, United States 32824

Manufacture's Name..... : PCD, LLC

Address ..... : 1500 Tradeport Drive, Suite A, Orlando, United States 32824

Product Description ..... :

Product Name ..... : mobile phone

Brand Name ..... : PCD

Model Name ..... : U40

Series Model ..... : N/A

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

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

This device described above has been tested by STS, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test ..... :

Date of Receipt of Test Item ..... : 18 Nov. 2021

Date of Performance of Tests ..... : 18 Nov. 2021 ~ 29 Dec. 2021

Date of Issue ..... : 29 Dec. 2021

Test Result ..... : **Pass**

Testing Engineer : Jane Zeng

(Jane Zeng)

Technical Manager : Bulun

(Bulun)

Authorized Signatory : Vita Li

(Vita Li)

Table of Contents

Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	29 Dec. 2021	STS2111120E01	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 ± U, where expended 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-30MHz)	±2.73dB
2	All emissions,radiated(<1G) 30MHz-1000MHz	±4.09dB
3	All emissions,radiated(>1G) 1GHz-6GHz	±4.92dB
4	All emissions,radiated(>1G) 6GHz-18GHz	±5.49dB

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	mobile phone	
Brand Name	PCD	
Model Name	U40	
Series Model	N/A	
Model Difference	N/A	
Product Description	The EUT is a mobile phone ITE equipment having a primary function of either (or a combination of) entry, storage, display, retrieval, transmission, processing, switching, or control of data and/or telecommunication messages and which may be equipped with one or more ports typically for information transfer.	
Frequency Bands	GSM	850: 824~849MHz 1900: 1850~1910MHz
	WCDMA	Band V: 824 MHz~849 MHz Band II: 1850 MHz~1910 MHz
	LTE	Band 2: 1850~1910MHz Band 4: 1710~1755MHz Band 5: 824~849MHz Band 12: 699~716MHz Band 66: 1710~1780MHz
	Bluetooth	2402~ 2480MHz
Modulation Mode	GSM	GMSK for GSM/GPRS
	WCDMA	WCDMA: QPSK; HSDPA:QPSK/16QAM
	LTE	QPSK /16QAM
	Bluetooth	GFSK(1Mbps), π/4-DQPSK(2Mbps), 8DPSK(3Mbps)
Adapter	Input: AC100-240V 150mAh, 50/60Hz Output: DC 5V,0.5A	
Battery	Rated Voltage: 3.7V Charge Limit Voltage: 4.2V Capacity: 1300mAh	
Hardware Version Number	L500_MB_V1.0	
Software Version Number	PCD_U40_CLARO_PR_V1.0	

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 generates from EUT, the test system was pre-scanning tested base 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
Mode 3	GSM850 Link + Adapter + USB cable + Earphone + BT Link
Mode 4	PCS1900 Idle + Adapter + USB cable + Earphone + BT Link
Mode 5	WCDMA850 Link + Adapter + USB cable + Earphone + BT Link
Mode 6	WCDMA1900 Link + Adapter + USB cable + Earphone + BT Link
Mode 7	BAND 2 Link + Adapter + USB cable + Earphone + BT Link
Mode 8	BAND 4 Link + Adapter + USB cable + Earphone + BT Link
Mode 9	BAND 5 Link + Adapter + USB cable + Earphone + BT Link
Mode 10	BAND 12 Link + Adapter + USB cable + Earphone + BT Link
Mode 11	BAND 66 Link + Adapter + USB cable + Earphone + BT Link

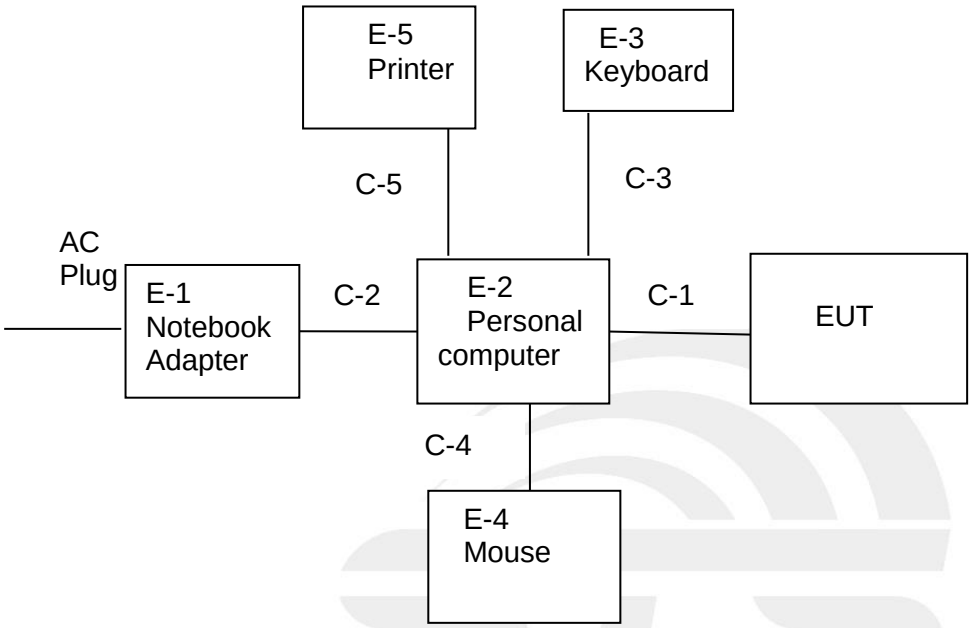
For Conducted Test	
Final Test Mode	Description
Mode 1	PC+USB Transmitting+SD Card

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
N/A	N/A	N/A	N/A	N/A	N/A

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
E-6	Earphone	N/A	N/A	N/A	N/A
C-1	USB Cable	N/A	N/A	100cm	NO
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	2021.09.30	2022.09.29
Bi-log Antenna	TESEQ	CBL6111D	45873	2021.10.08	2023.10.07
Horn Antenna	SCHWARZBECK	BBHA 9120D	1343	2020.10.12	2022.10.11
Pre-amplifier(1-26.5G)	Agilent	8449B	3008A02383	2021.10.09	2022.10.08
Pre-amplifier(0.1M-3GHz)	EM	EM330	060665	2021.10.09	2022.10.08
Spectrum Analyzer	Agilent	N9020A	MY49100060	2021.09.30	2022.09.29
RE Cable (9K-1G)	N/A	R01	N/A	2021.10.09	2022.10.08
RE Cable (1-26G)	N/A	R02	N/A	2021.10.09	2022.10.08
Temperature & Humidity	Mieo	HH660	N/A	2021.10.09	2022.10.08
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	2021.09.30	2022.09.29
LISN	R&S	ENV216	101242	2021.09.30	2022.09.29
LISN	ETS	3810/2NM	00023625	2021.09.30	2022.09.29
Absorbing Clamp	R&S	MDS-21	100668	2021.04.11	2022.04.10
CE Cable	N/A	C01	N/A	2021.09.30	2022.09.29
Temperature & Humidity	Mieo	HH660	N/A	2021.10.09	2022.10.08
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 (dBμV)		☒Class B (dBμV)	
	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

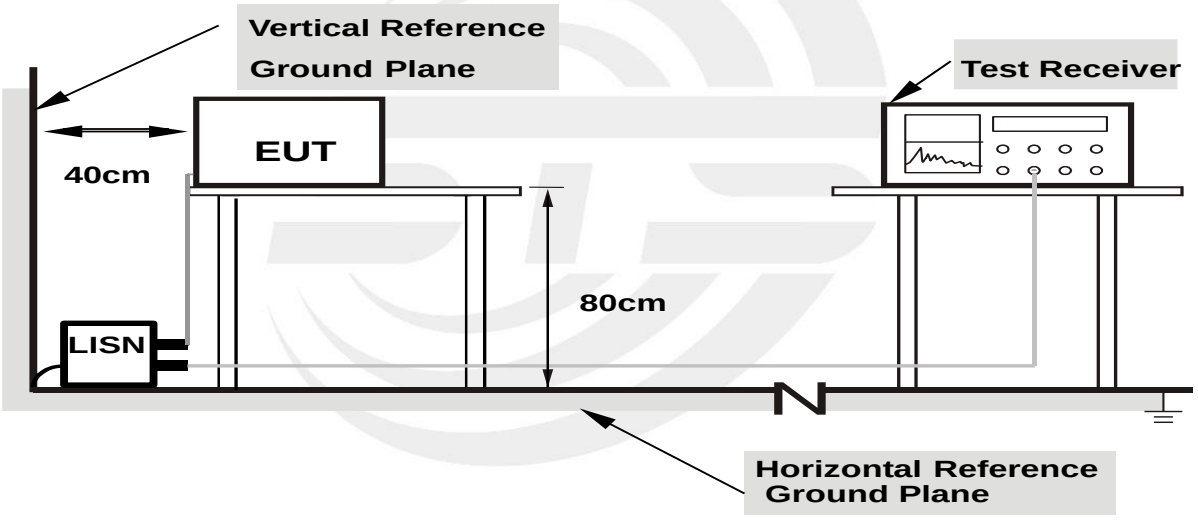
3.1.2 TEST PROCEDURE

a. 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.
b. 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.
c. 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.
d. 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

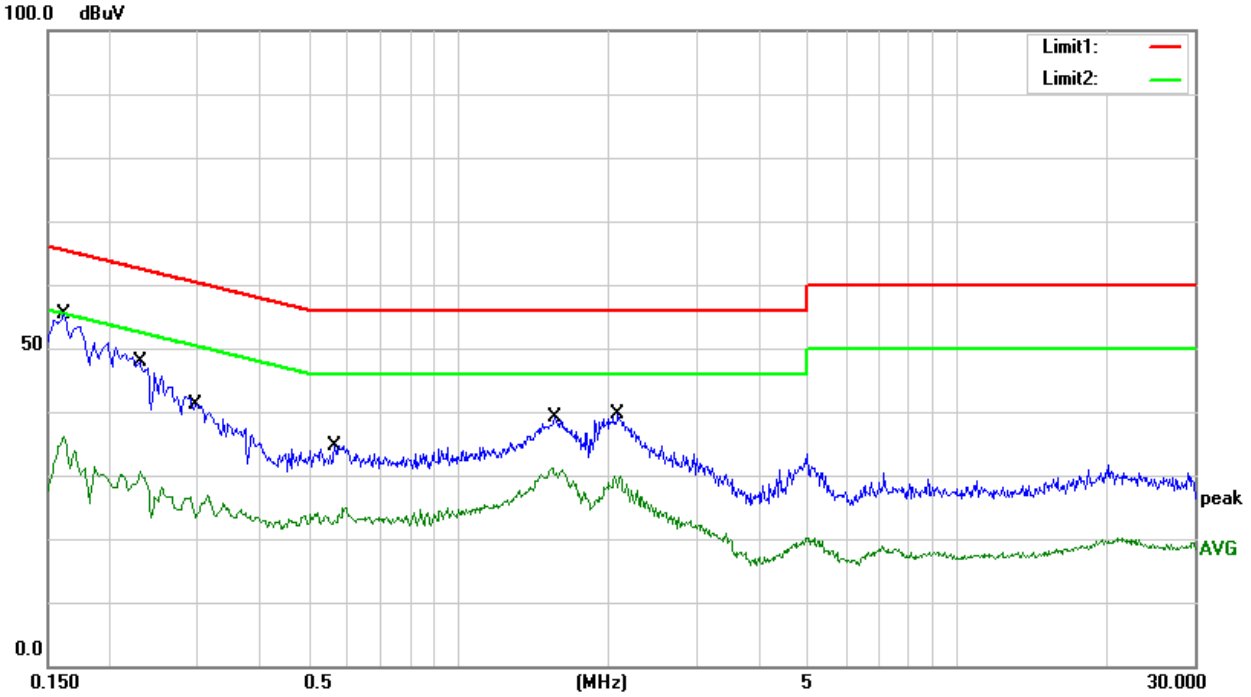
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.6 TEST RESULTS

Temperature:	26.1℃	Relative Humidity:	60%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2021.11.18

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1620	34.96	20.32	55.28	65.36	-10.08	QP
2	0.1620	15.80	20.32	36.12	55.36	-19.24	AVG
3	0.2303	26.88	20.52	47.40	62.44	-15.04	QP
4	0.2303	10.16	20.52	30.68	52.44	-21.76	AVG
5	0.2987	20.28	20.78	41.06	60.28	-19.22	QP
6	0.2987	5.37	20.78	26.15	50.28	-24.13	AVG
7	0.5660	14.24	20.45	34.69	56.00	-21.31	QP
8	0.5660	4.54	20.45	24.99	46.00	-21.01	AVG
9	1.5660	18.76	20.35	39.11	56.00	-16.89	QP
10	1.5660	10.72	20.35	31.07	46.00	-14.93	AVG
11	2.0940	19.14	20.39	39.53	56.00	-16.47	QP
12	2.0940	9.52	20.39	29.91	46.00	-16.09	AVG

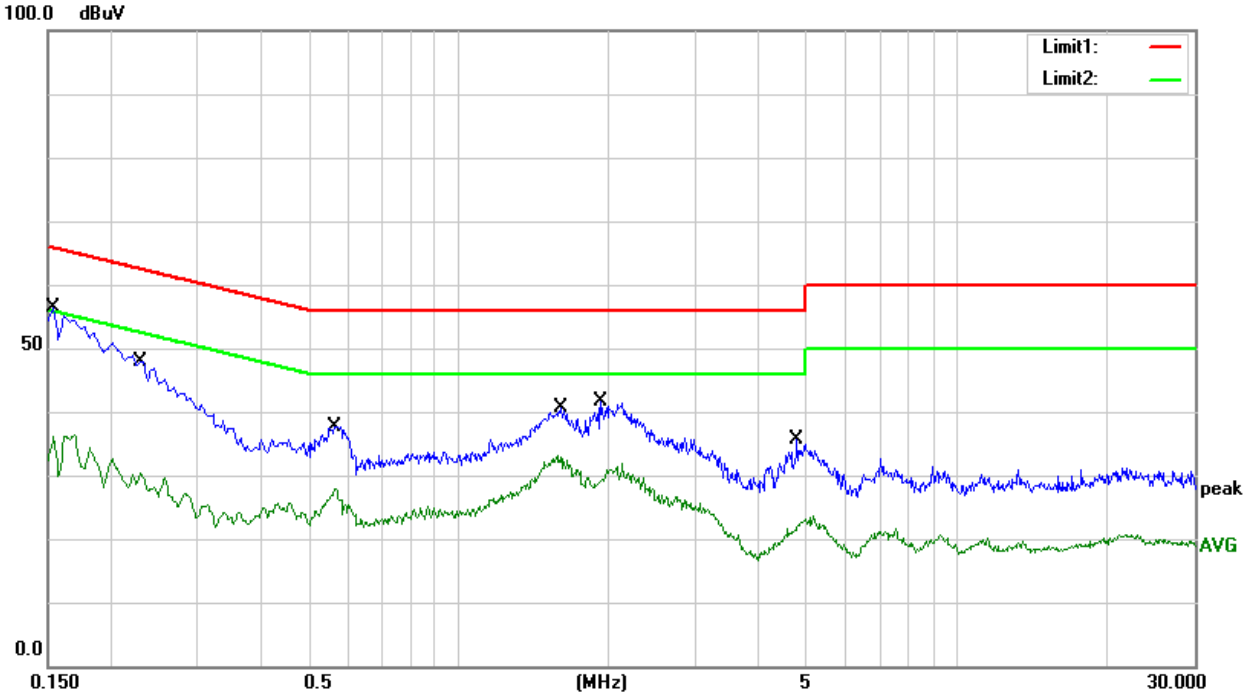
Remark:
1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result =Reading + Factor)–Limit
3. Factor = Insertion loss + Cable loss



Temperature:	26.1℃	Relative Humidity:	60%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2021.11.18

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1540	36.15	20.30	56.45	65.78	-9.33	QP
2	0.1540	16.18	20.30	36.48	55.78	-19.30	AVG
3	0.2303	27.27	20.52	47.79	62.44	-14.65	QP
4	0.2303	9.98	20.52	30.50	52.44	-21.94	AVG
5	0.5660	17.16	20.45	37.61	56.00	-18.39	QP
6	0.5660	7.34	20.45	27.79	46.00	-18.21	AVG
7	1.6020	20.24	20.35	40.59	56.00	-15.41	QP
8	1.6020	12.90	20.35	33.25	46.00	-12.75	AVG
9	1.9380	21.20	20.39	41.59	56.00	-14.41	QP
10	1.9380	11.45	20.39	31.84	46.00	-14.16	AVG
11	4.7940	15.04	20.53	35.57	56.00	-20.43	QP
12	4.7940	3.08	20.53	23.61	46.00	-22.39	AVG

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



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.

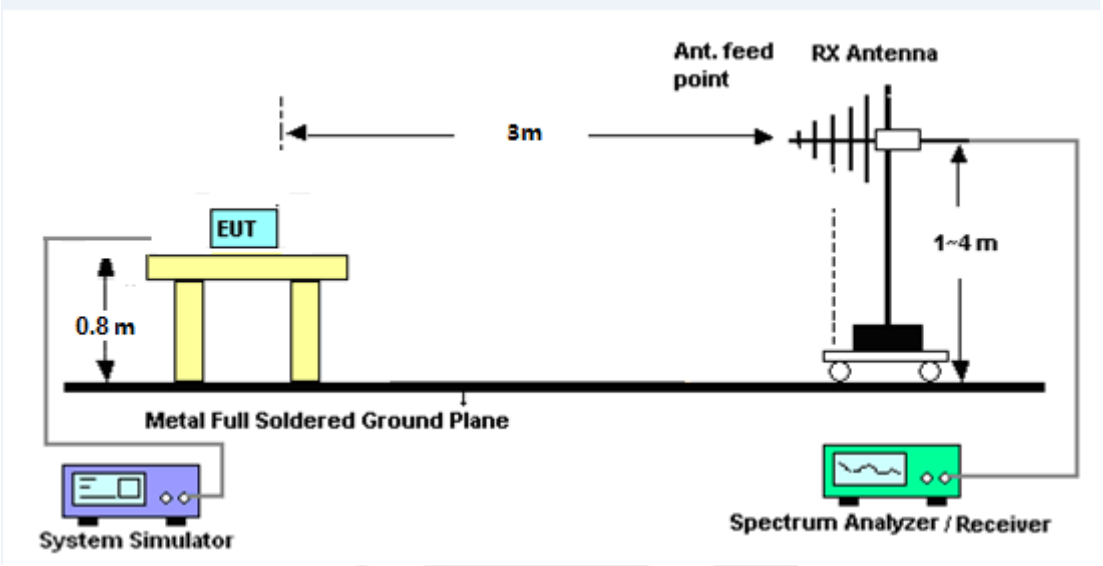
Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

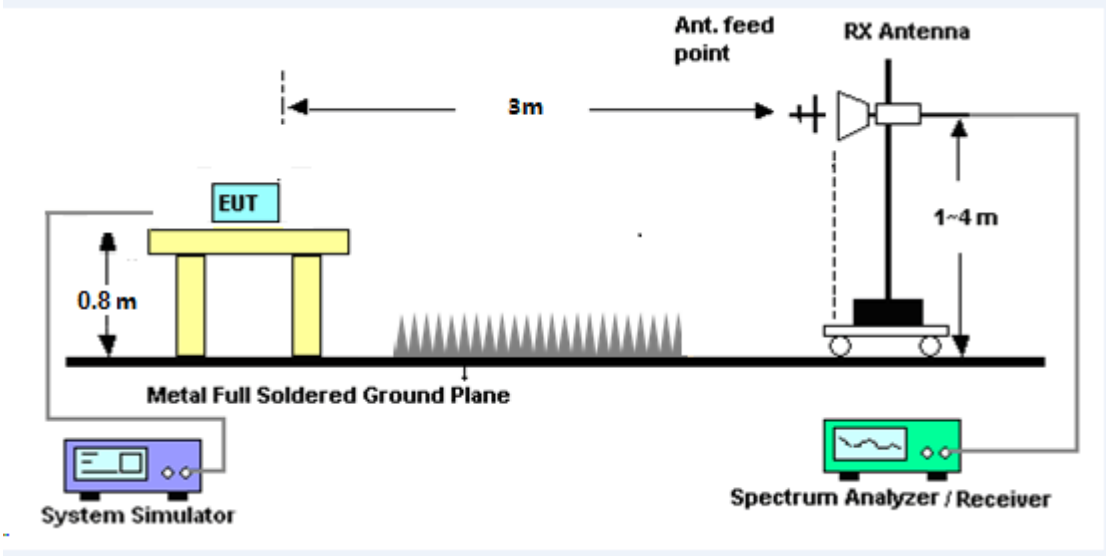
No deviation

3.2.4 TEST SETUP

（A）Radiated Emission Test-Up Frequency Below 1 GHz



（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.

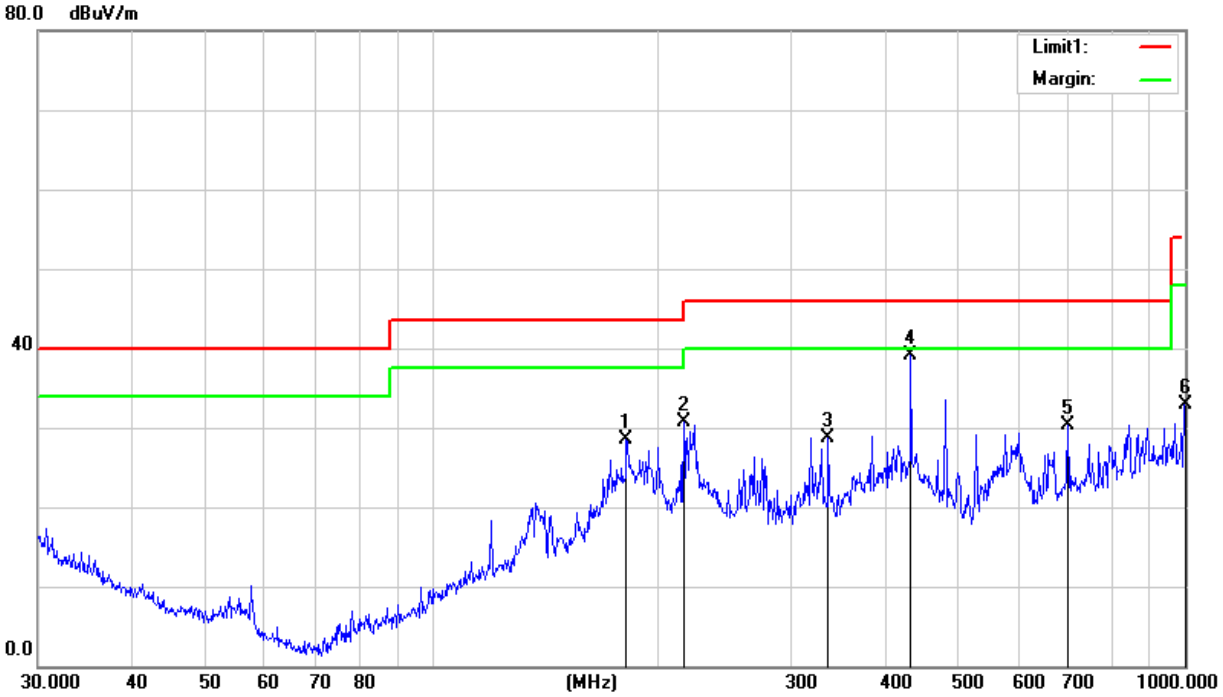
3.2.6 TEST RESULTS

30MHz - 1000MHz

Temperature:	25.7℃	Relative Humidity:	49%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.11.18

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	181.2834	49.42	-20.94	28.48	43.50	-15.02	QP
2	216.0240	51.03	-20.36	30.67	46.00	-15.33	QP
3	336.0352	44.26	-15.52	28.74	46.00	-17.26	QP
4	432.5457	51.85	-12.77	39.08	46.00	-6.92	QP
5	699.3046	37.45	-7.06	30.39	46.00	-15.61	QP
6	996.4996	35.14	-2.16	32.98	54.00	-21.02	QP

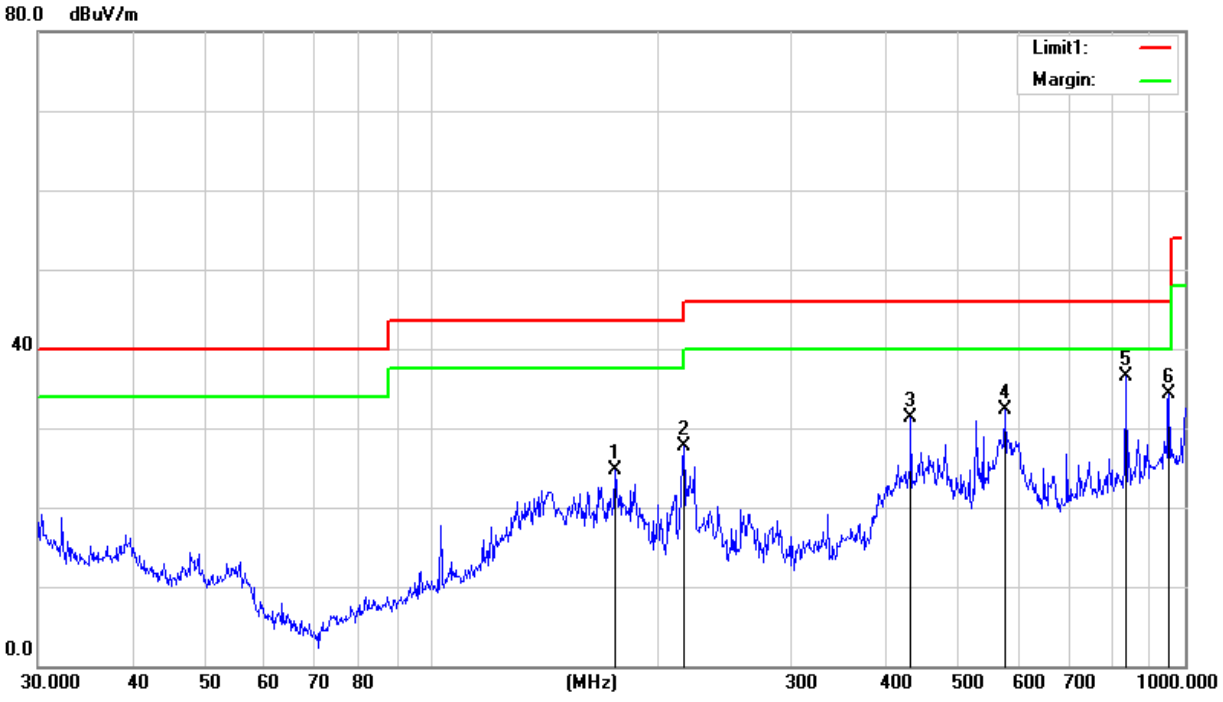
Remark:
1. All readings are Quasi-Peak
2. Margin = Result (Result =Reading + Factor)–Limit
3. Factor= Cable Loss +Antenna Factor-Amplifier Gain



Temperature:	25.7℃	Relative Humidity:	49%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.11.18

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	175.0367	45.11	-20.36	24.75	43.50	-18.75	QP
2	216.0240	48.06	-20.36	27.70	46.00	-18.30	QP
3	432.5457	44.08	-12.77	31.31	46.00	-14.69	QP
4	576.6443	41.09	-8.76	32.33	46.00	-13.67	QP
5	836.2441	41.63	-5.09	36.54	46.00	-9.46	QP
6	952.0937	36.49	-2.10	34.39	46.00	-11.61	QP

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

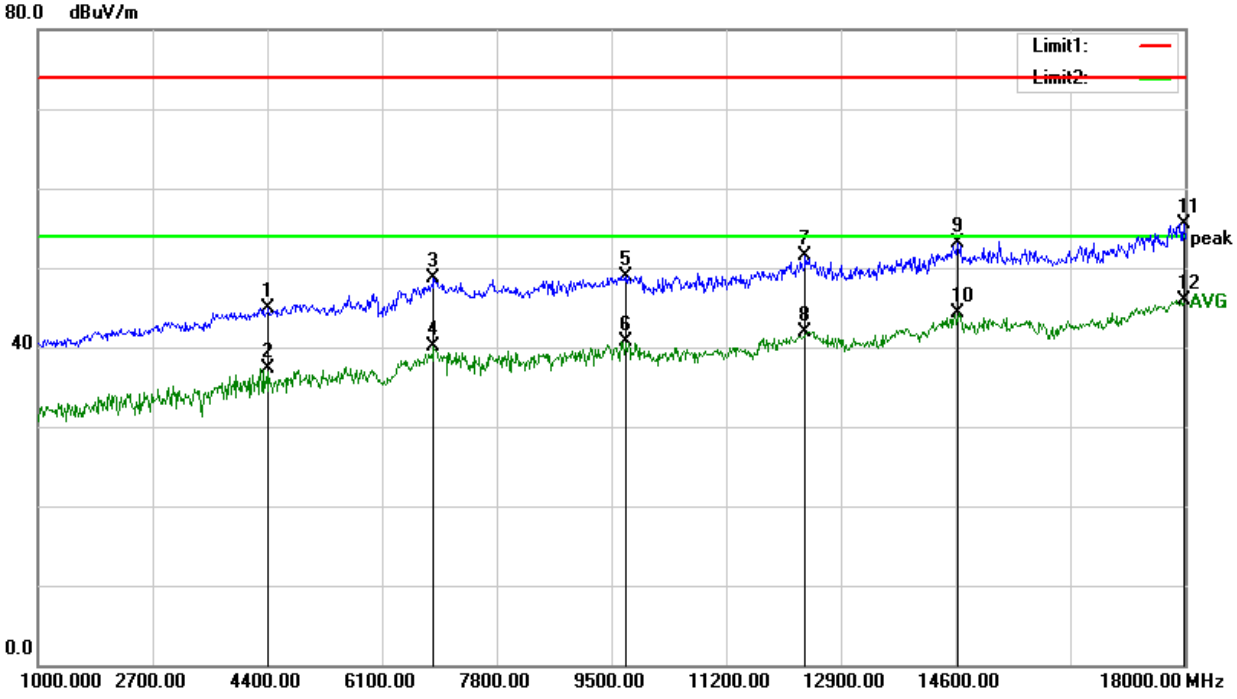


(1 GHz - 18GHz)

Temperature:	25.3℃	Relative Humidity:	53%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.11.18

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	4417.000	40.48	4.52	45.00	74.00	-29.00	Peak
2	4417.000	32.70	4.52	37.22	54.00	-16.78	AVG
3	6873.500	38.14	10.51	48.65	74.00	-25.35	Peak
4	6873.500	29.53	10.51	40.04	54.00	-13.96	AVG
5	9712.500	35.49	13.51	49.00	74.00	-25.00	Peak
6	9712.500	27.17	13.51	40.68	54.00	-13.32	AVG
7	12381.500	36.09	15.36	51.45	74.00	-22.55	Peak
8	12381.500	26.57	15.36	41.93	54.00	-12.07	AVG
9	14634.000	34.92	18.11	53.03	74.00	-20.97	Peak
10	14634.000	26.28	18.11	44.39	54.00	-9.61	AVG
11	17983.000	31.05	24.47	55.52	74.00	-18.48	Peak
12	17983.000	21.51	24.47	45.98	54.00	-8.02	AVG

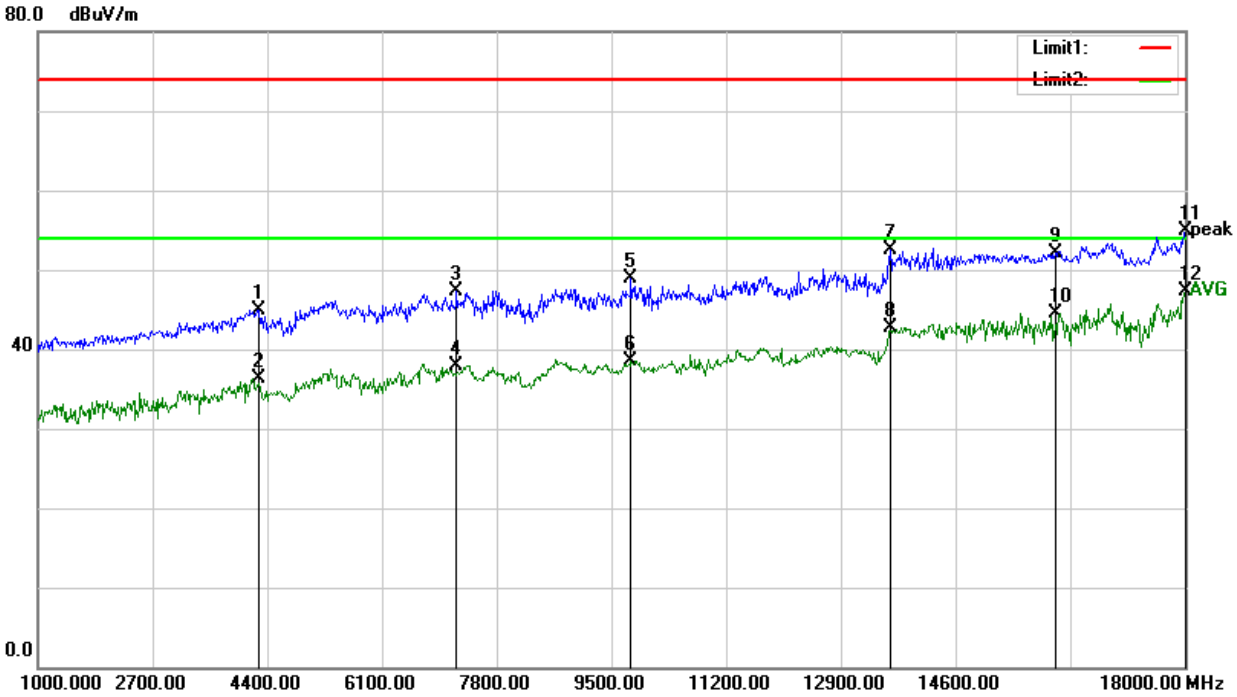
Remark:
1. All readings are Peak and Average values
2. Margin = Result (Result =Reading + Factor)–Limit
3. Factor= Cable Loss +Antenna Factor-Amplifier Gain



Temperature:	25.3℃	Relative Humidity:	53%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.11.18

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	4281.000	40.38	4.57	44.95	74.00	-29.05	Peak
2	4281.000	31.73	4.57	36.30	54.00	-17.70	AVG
3	7205.000	36.09	11.27	47.36	74.00	-26.64	Peak
4	7205.000	26.62	11.27	37.89	54.00	-16.11	AVG
5	9797.500	35.39	13.57	48.96	74.00	-25.04	Peak
6	9797.500	24.94	13.57	38.51	54.00	-15.49	AVG
7	13631.000	36.44	16.04	52.48	74.00	-21.52	Peak
8	13631.000	26.62	16.04	42.66	54.00	-11.34	AVG
9	16087.500	35.62	16.49	52.11	74.00	-21.89	Peak
10	16087.500	28.07	16.49	44.56	54.00	-9.44	AVG
11	18000.000	30.24	24.57	54.81	74.00	-19.19	Peak
12	18000.000	22.66	24.57	47.23	54.00	-6.77	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

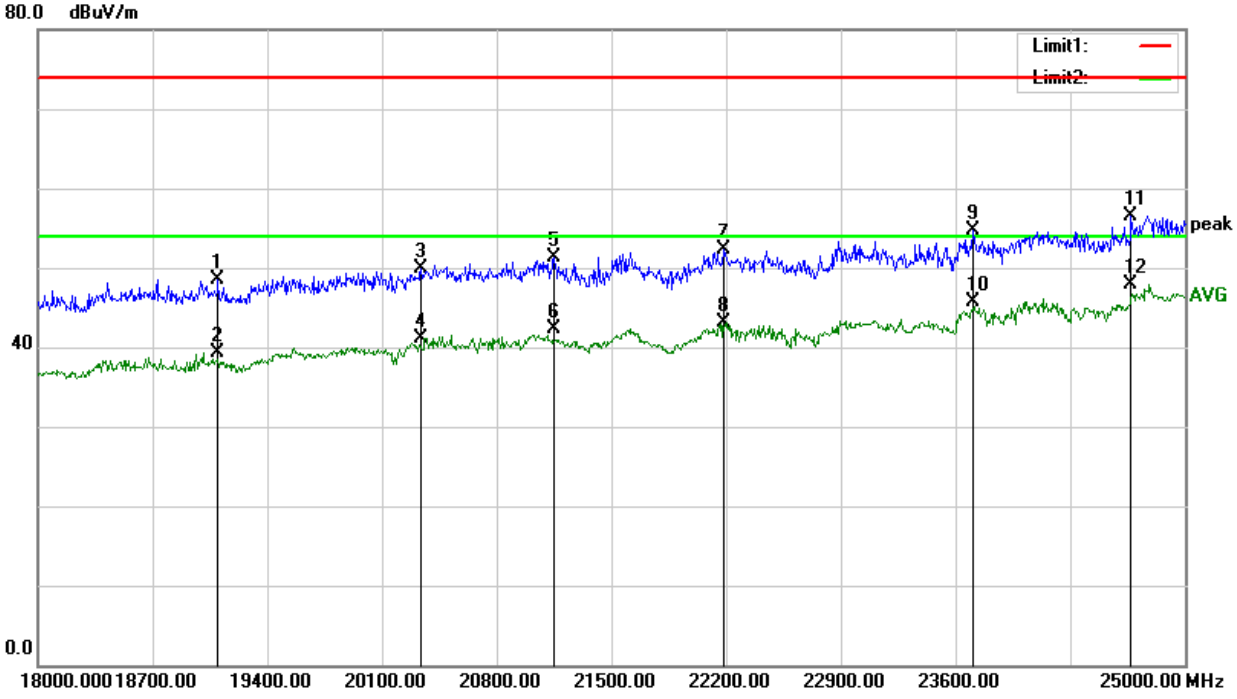


(18 GHz - 25GHz)

Temperature:	24.1℃	Relative Humidity:	44%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.11.18

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	19099.000	23.97	24.53	48.50	74.00	-25.50	Peak
2	19099.000	14.69	24.53	39.22	54.00	-14.78	AVG
3	20338.000	25.09	24.84	49.93	74.00	-24.07	Peak
4	20338.000	16.33	24.84	41.17	54.00	-12.83	AVG
5	21150.000	26.35	24.86	51.21	74.00	-22.79	Peak
6	21150.000	17.38	24.86	42.24	54.00	-11.76	AVG
7	22186.000	27.81	24.51	52.32	74.00	-21.68	Peak
8	22186.000	18.53	24.51	43.04	54.00	-10.96	AVG
9	23705.000	30.03	24.77	54.80	74.00	-19.20	Peak
10	23705.000	20.93	24.77	45.70	54.00	-8.30	AVG
11	24671.000	31.62	24.96	56.58	74.00	-17.42	Peak
12	24671.000	22.94	24.96	47.90	54.00	-6.10	AVG

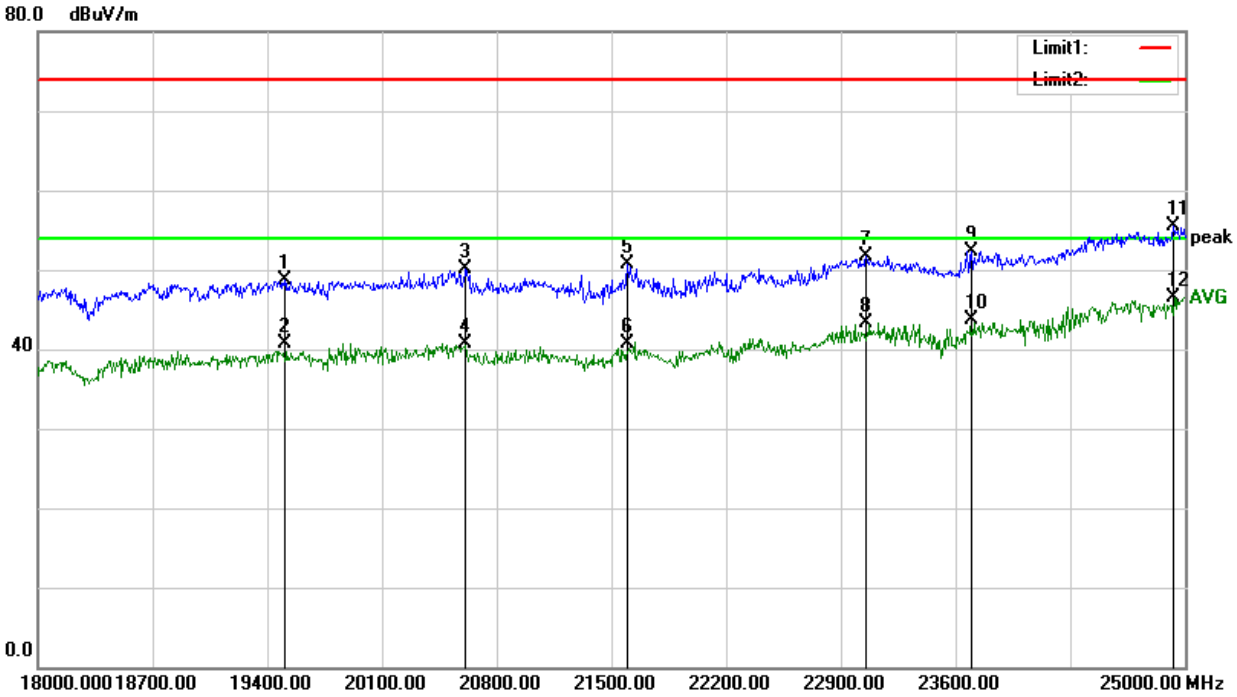
Remark:
1. All readings are Peak and Average values
2. Margin = Result (Result =Reading + Factor)–Limit
3. Factor= Cable Loss +Antenna Factor-Amplifier Gain



Temperature:	24.1℃	Relative Humidity:	44%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.11.18

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	19505.000	23.12	25.63	48.75	74.00	-25.25	Peak
2	19505.000	15.15	25.63	40.78	54.00	-13.22	AVG
3	20611.000	25.13	24.94	50.07	74.00	-23.93	Peak
4	20611.000	15.73	24.94	40.67	54.00	-13.33	AVG
5	21598.000	25.99	24.71	50.70	74.00	-23.30	Peak
6	21598.000	16.09	24.71	40.80	54.00	-13.20	AVG
7	23054.000	27.20	24.57	51.77	74.00	-22.23	Peak
8	23054.000	18.65	24.57	43.22	54.00	-10.78	AVG
9	23698.000	27.47	24.77	52.24	74.00	-21.76	Peak
10	23698.000	18.93	24.77	43.70	54.00	-10.30	AVG
11	24930.000	30.59	24.96	55.55	74.00	-18.45	Peak
12	24930.000	21.59	24.96	46.55	54.00	-7.45	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



Notes:

1. Measuring frequencies from 1 GHz to 25GHz.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak and average detector mode of the emission shown in Actual FS column.

SAMPLE OF THE LABEL

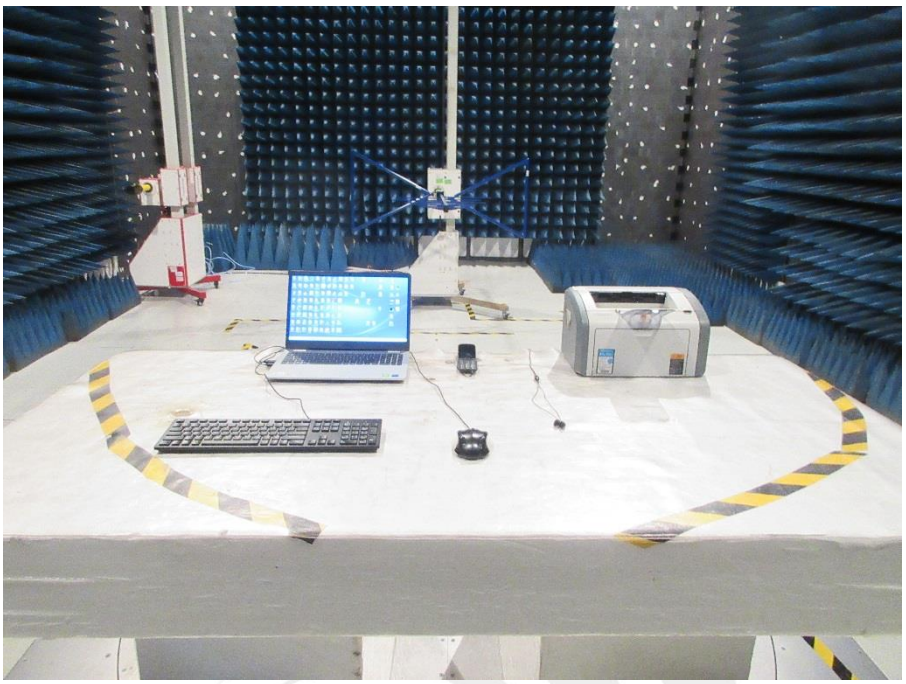
Trade Name

Model Number

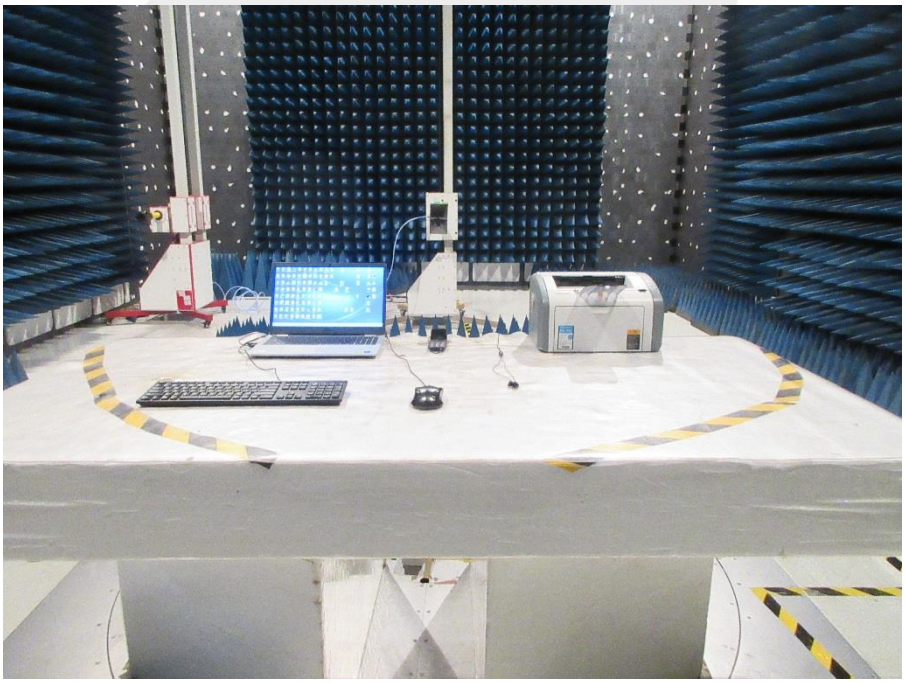
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. And (2) this device must accept any interference received, including interference that may cause undesired operation.

APPENDIX 1 - TEST SETUP

RE (Below 1GHz)



RE (Above 1GHz)



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※※※※※END OF THE REPORT※※※※※