



FCC Part 15B TEST REPORT

Report No.: STS2102020E01

Issued for

Hong Kong AMobile Intelligent Corp. Limited Taiwan Branch
 8F.-3, No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei
 City 235, Taiwan

Product Name:	Mobile Computing Device
Brand Name:	AMobile
Model Name:	G47
Series Model:	N/A
FCC ID:	2AQ5W-G47
Test Standard:	FCC 47 CFR Part 15: Subpart B

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TEST RESULT CERTIFICATION

Applicant's Name: Hong Kong AMobile Intelligent Corp. Limited Taiwan Branch
Address: 8F.-3, No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan

Manufacturer's Name: Hong Kong AMobile Intelligent Corp. Limited Taiwan Branch
Address: 8F.-3, No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan

Product Description:
Product Name: Mobile Computing Device
Brand Name: AMobile
Model Name: G47
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.

Date of Test:
Date of Receipt of Test Item: 07 Feb. 2021
Date of Performance of Tests.....: 07 Feb. 2021~22 Feb. 2021
Date of Issue: 22 Feb. 2021
Test Result.....: Pass

Testing Engineer : [Signature]
(Bulun)

Technical Manager : [Signature]
(Barry Li)

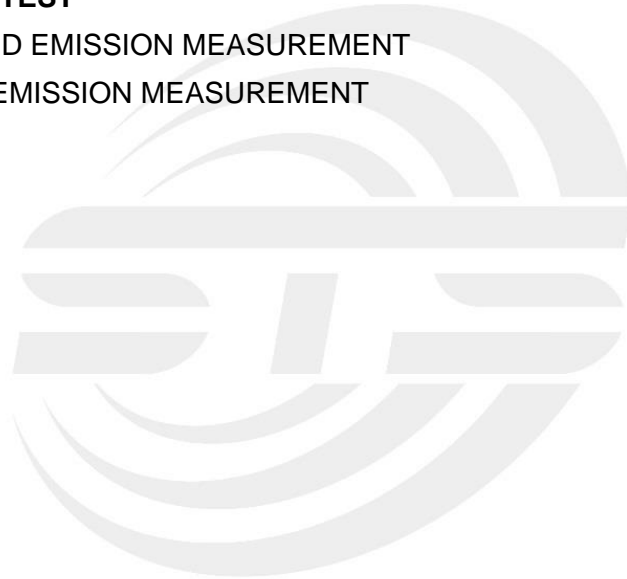
Authorized Signatory : [Signature]
(Vita Li)





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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	22 Feb. 2021	STS2102020E01	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-18GHz	$\pm 5.48\text{dB}$
6	All emissions,radiated(>1G) 18GHz-26GHz	$\pm 5.5\text{dB}$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Mobile Computing Device	
Brand Name	AMobile	
Model Name	G47	
Series Model	N/A	
Model Difference	N/A	
Frequency Bands	GSM	850: 824.2~848.8MHz 1900: 1850.2~1909.8MHz
	WCDMA	Band II: 1852.4~1907.6MHz Band V: 826.4~846.6MHz
	LTE	Band 2: 1850.7~1909.3MHz Band 4: 1710.7~1754.3MHz Band 5: 824.7~848.3MHz Band 7: 2502.5~2567.5MHz Band12: 698~716MHz Band 17: 704~716MHz Band 41: 2496~2690MHz
	WLAN(2.4 GHz)	802.11b/g/n(20MHz): 2412MHz to 2462 MHz 802.11n(40MHz): 2422MHz to 2452 MHz
	WLAN (5 GHz)	802.11a/n/ac (20MHz): 5180~5240MHz 802.11n/ac(40MHz):5190~5230MHz 802.11ac(80MHz):5210MHz 802.11a/n/ac (20MHz): 5745~5825MHz 802.11n/ac(40MHz):5755~5795MHz 802.11ac(80MHz):5775MHz
	Bluetooth	2402~2480MHz
	NFC	13.56MHz
	Modulation Mode	GSM
WCDMA		WCDMA: QPSK; HSDPA:QPSK/16QAM; HSUPA:BPSK
LTE		QPSK/16QAM
WLAN(2.4 GHz)		802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM



	WLAN (5 GHz)	802.11a(OFDM): BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM): BPSK,QPSK,16-QAM,64-QAM 802.11ac(OFDM): BPSK,QPSK,16-QAM,64-QAM,256-QAM
	BLE	BT(1Mbps): GFSK
	NFC	FSK
Power rating	Input: DC 5V/2A, 9V/2A, 12V/1.5A	
Battery	Rated Voltage: 3.8V Charge Limit Voltage: 4.35V Capacity: 4000mAh	
Hardware Version Number	DVT	
Software Version Number	v005.01.00	

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+ +NFC
Mode 3	GSM850 Link + Adapter + USB cable + BT Link + WLAN Link(2.4G) +NFC
Mode 4	DCS1900 Idle + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode 5	WCDMA850 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode6	WCDMA1900 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode 7	LTE B2 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode 8	LTE B4 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode 9	LTE B5 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode 10	LTE B7 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode 11	LTE B12 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode 12	LTE B17 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC
Mode 13	LTE B41 Link + Adapter + USB cable + BT Link + WLAN Link(5G) +NFC

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

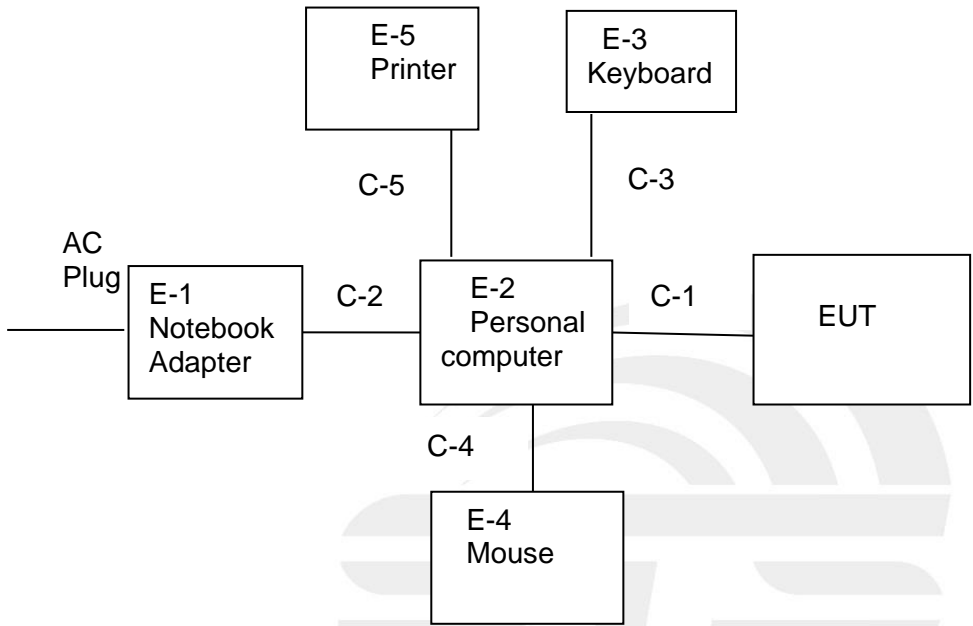
For Radiated Test	
Final Test Mode	Description
Mode 1	PC+USB Transmitting+SD Card

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

Mode1



Mode2





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	200cm	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
E-6	Adapter	HUAWEI	HW-050450C00	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(1-26.5 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)	<input type="checkbox"/> Class A (dB μ V)		<input checked="" type="checkbox"/> 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

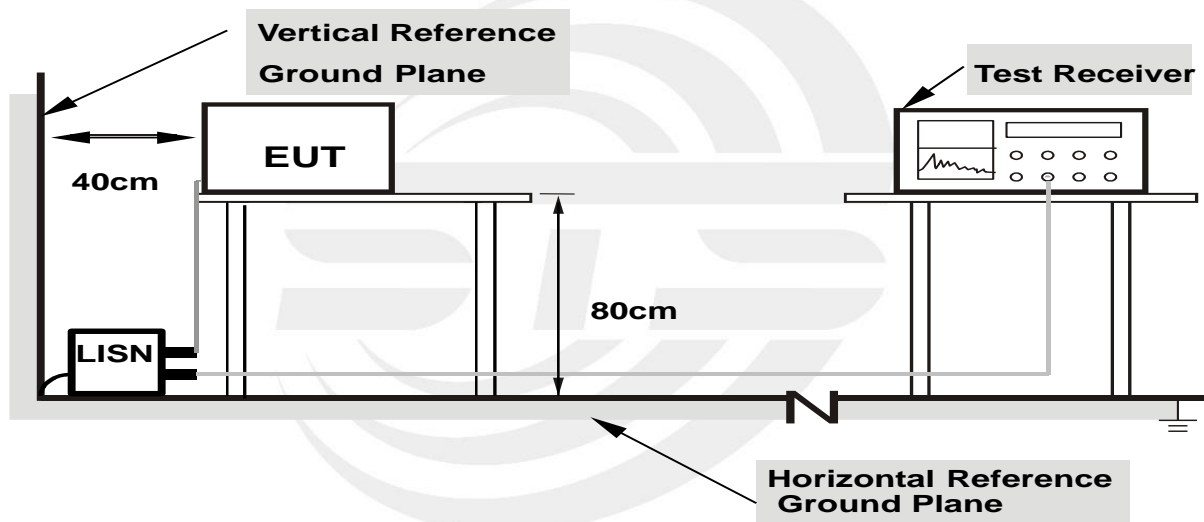
3.1.2 TEST PROCEDURE

- 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

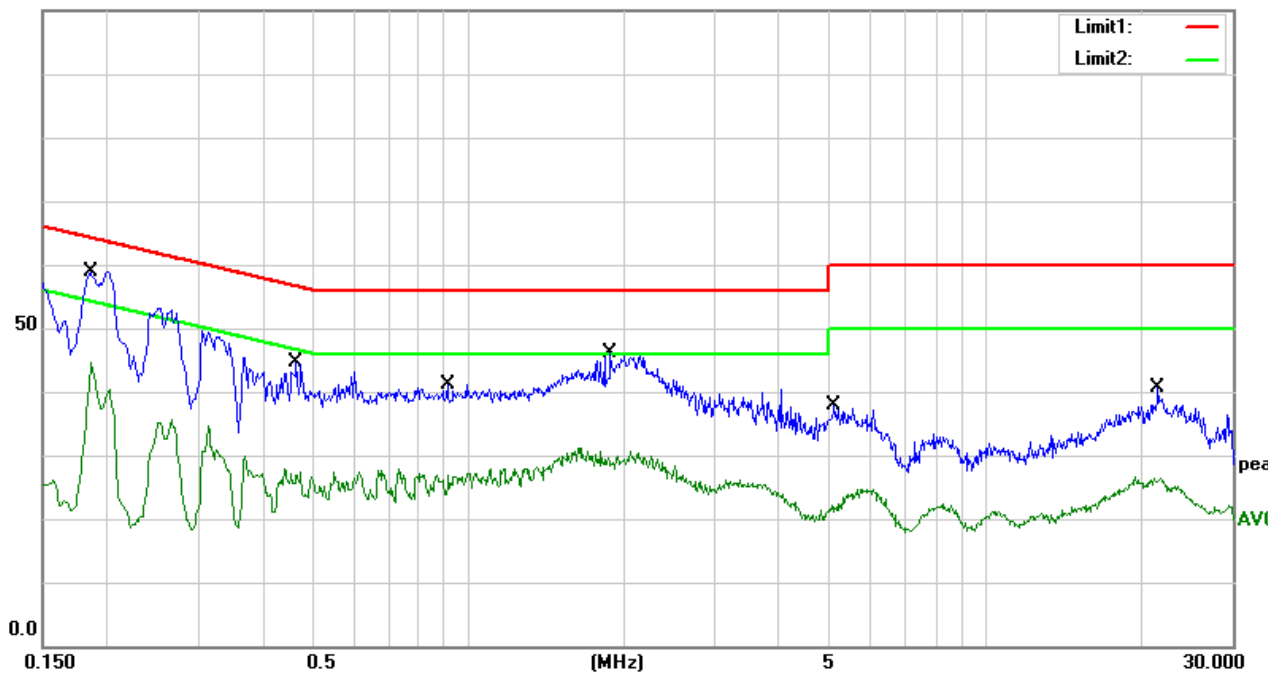
Temperature:	26.8 °C	Relative Humidity:	66%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2021.02.07

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1860	38.52	20.29	58.81	64.21	-5.40	QP
2	0.1860	24.40	20.29	44.69	54.21	-9.52	AVG
3	0.4660	24.07	20.46	44.53	56.58	-12.05	QP
4	0.4660	5.25	20.46	25.71	46.58	-20.87	AVG
5	0.9100	20.96	20.19	41.15	56.00	-14.85	QP
6	0.9100	6.57	20.19	26.76	46.00	-19.24	AVG
7	1.8820	26.04	20.15	46.19	56.00	-9.81	QP
8	1.8820	9.63	20.15	29.78	46.00	-16.22	AVG
9	5.0980	17.86	20.01	37.87	60.00	-22.13	QP
10	5.0980	2.37	20.01	22.38	50.00	-27.62	AVG
11	21.5380	20.08	20.64	40.72	60.00	-19.28	QP
12	21.5380	5.76	20.64	26.40	50.00	-23.60	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





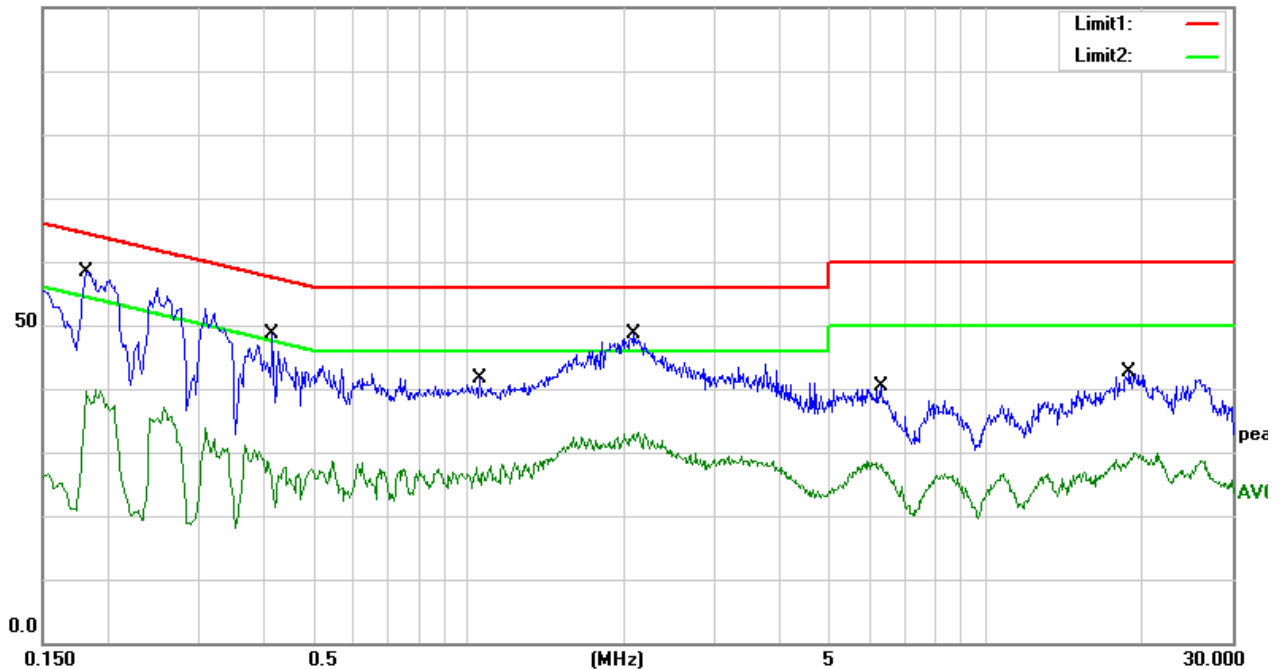
Temperature:	26.8 °C	Relative Humidity:	66%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2021.02.07

No.	Frequency (MHz)	Reading (dBUV)	Correct Factor (dB)	Result (dBUV)	Limit (dBUV)	Margin (dB)	Detector
1	0.1820	38.17	20.28	58.45	64.39	-5.94	QP
2	0.1820	19.24	20.28	39.52	54.39	-14.87	AVG
3	0.4180	28.15	20.51	48.66	57.49	-8.83	QP
4	0.4180	7.80	20.51	28.31	47.49	-19.18	AVG
5	1.0500	21.43	20.16	41.59	56.00	-14.41	QP
6	1.0500	7.54	20.16	27.70	46.00	-18.30	AVG
7	2.0940	28.57	20.14	48.71	56.00	-7.29	QP
8	2.0940	13.05	20.14	33.19	46.00	-12.81	AVG
9	6.2580	20.51	19.92	40.43	60.00	-19.57	QP
10	6.2580	7.35	19.92	27.27	50.00	-22.73	AVG
11	18.9540	21.99	20.52	42.51	60.00	-17.49	QP
12	18.9540	8.49	20.52	29.01	50.00	-20.99	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)	<input type="checkbox"/> Class A		<input checked="" type="checkbox"/> 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)	<input type="checkbox"/> Class A				<input checked="" type="checkbox"/> 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).



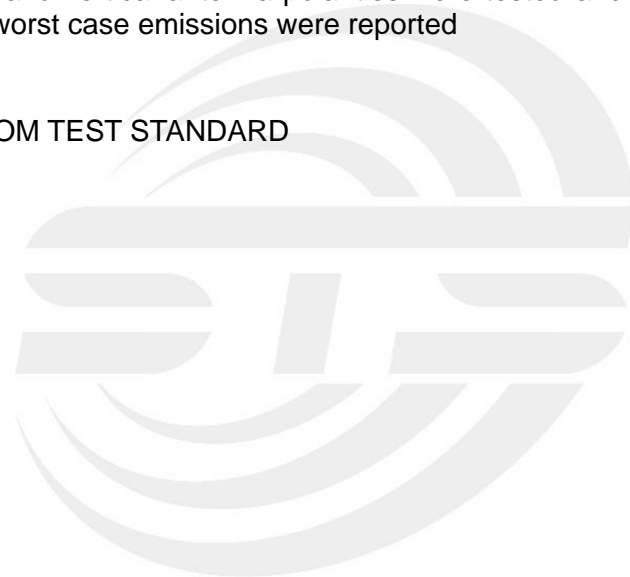
3.2.2 TEST PROCEDURE

- 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

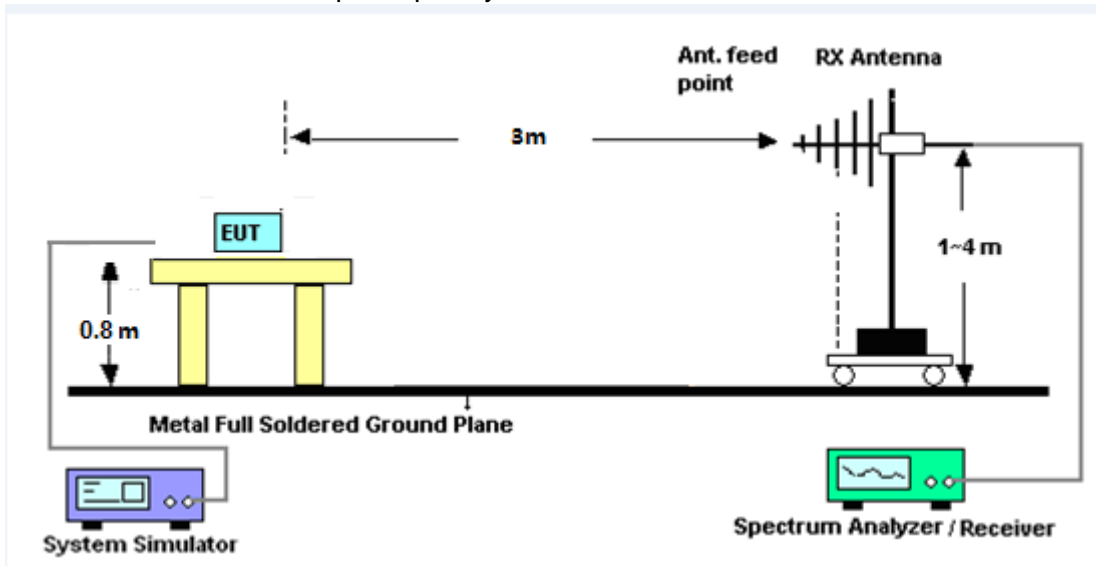
3.2.3 DEVIATION FROM TEST STANDARD

No deviation

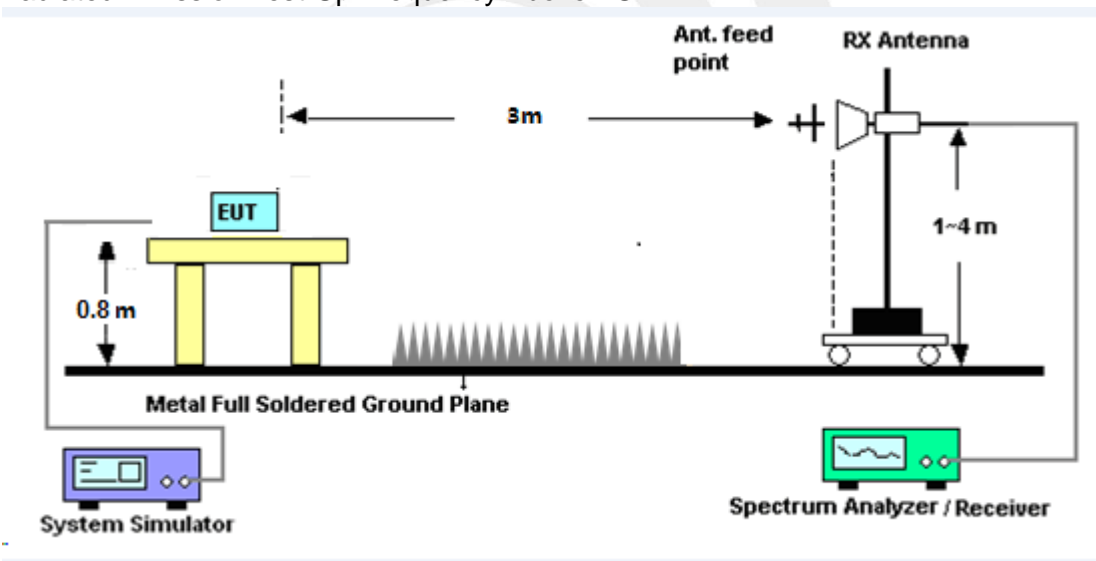


3.2.4 TEST SETUP

(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

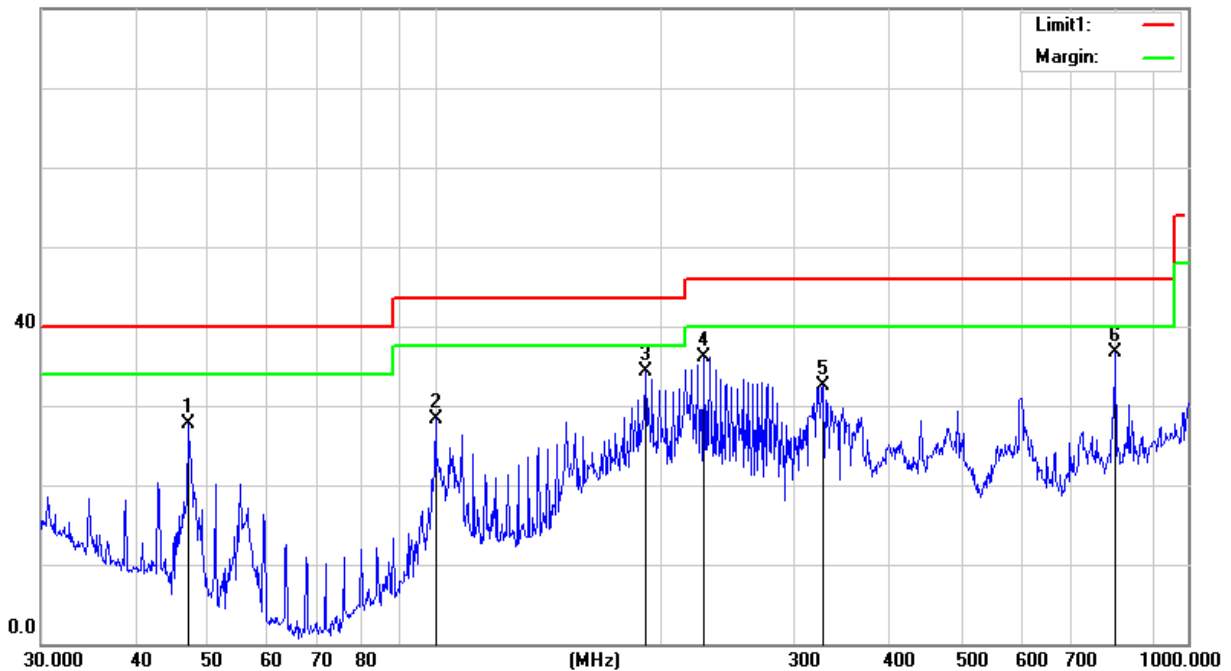
Temperature:	23.4°C	Relative Humidity:	48%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.02.07

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	46.9948	47.90	-20.14	27.76	40.00	-12.24	QP
2	100.2286	48.18	-19.95	28.23	43.50	-15.27	QP
3	190.4050	55.80	-21.50	34.30	43.50	-9.20	QP
4	227.6906	54.98	-18.89	36.09	46.00	-9.91	QP
5	327.8873	47.59	-15.12	32.47	46.00	-13.53	QP
6	801.7863	41.60	-4.83	36.77	46.00	-9.23	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





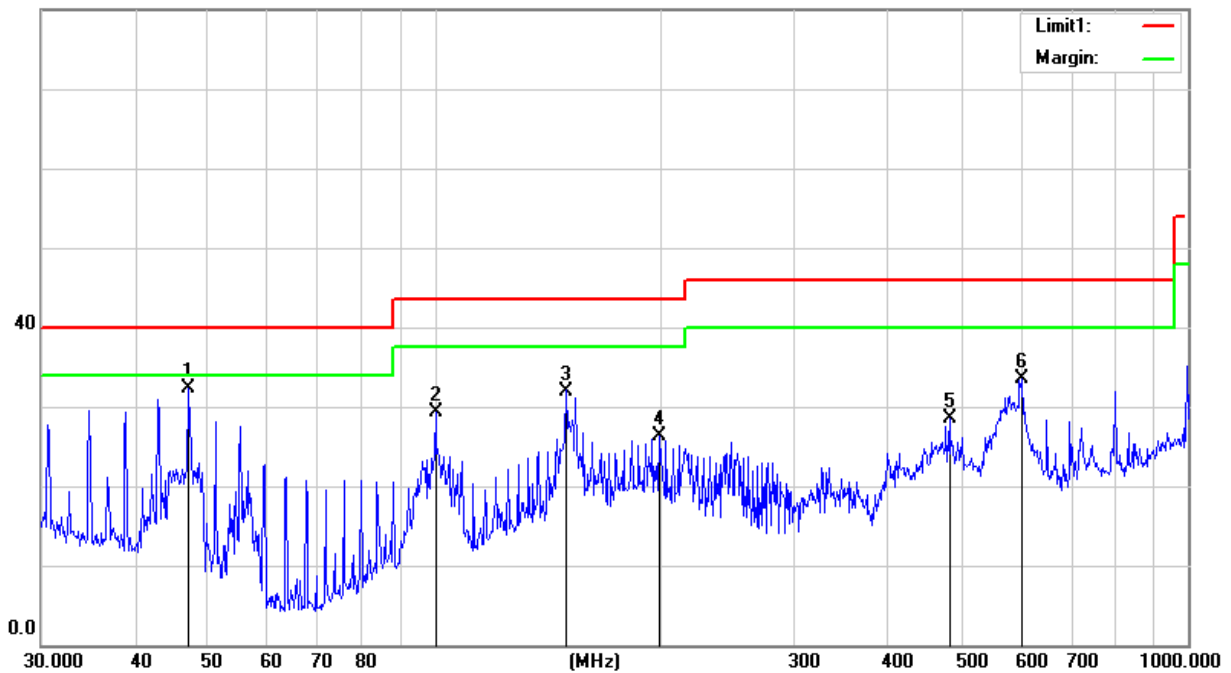
Temperature:	23.4 °C	Relative Humidity:	48%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.02.07

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	46.9948	52.43	-20.14	32.29	40.00	-7.71	QP
2	100.2286	49.21	-19.95	29.26	43.50	-14.24	QP
3	149.4857	50.12	-18.12	32.00	43.50	-11.50	QP
4	198.5880	47.07	-20.83	26.24	43.50	-17.26	QP
5	482.2156	39.37	-10.94	28.43	46.00	-17.57	QP
6	601.4265	42.07	-8.57	33.50	46.00	-12.50	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





(1 GHz - 18GHz)

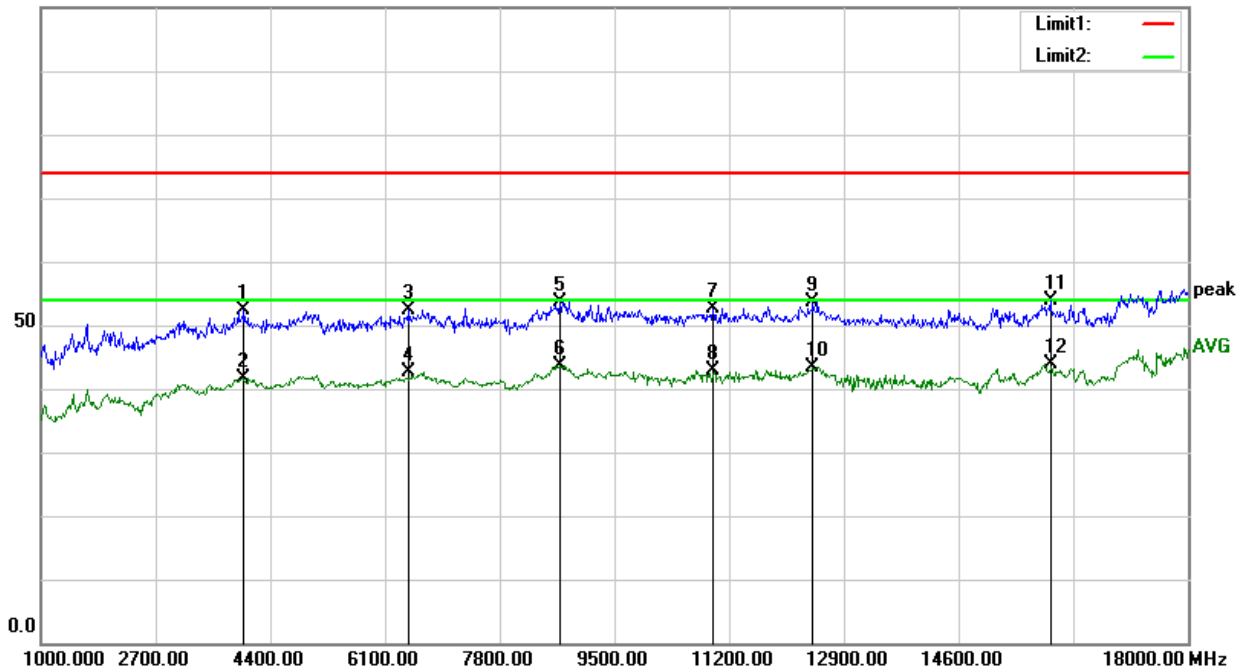
Temperature:	23.4 °C	Relative Humidity:	48%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.02.07

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	4009.000	47.97	4.38	52.35	74.00	-21.65	Peak
2	4009.000	37.34	4.38	41.72	54.00	-12.28	AVG
3	6457.000	42.64	9.73	52.37	74.00	-21.63	Peak
4	6457.000	32.82	9.73	42.55	54.00	-11.45	AVG
5	8684.000	40.39	13.23	53.62	74.00	-20.38	Peak
6	8684.000	30.51	13.23	43.74	54.00	-10.26	AVG
7	10962.000	38.42	14.21	52.63	74.00	-21.37	Peak
8	10962.000	28.78	14.21	42.99	54.00	-11.01	AVG
9	12441.000	38.19	15.46	53.65	74.00	-20.35	Peak
10	12441.000	28.00	15.46	43.46	54.00	-10.54	AVG
11	15960.000	37.40	16.43	53.83	74.00	-20.17	Peak
12	15960.000	27.45	16.43	43.88	54.00	-10.12	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





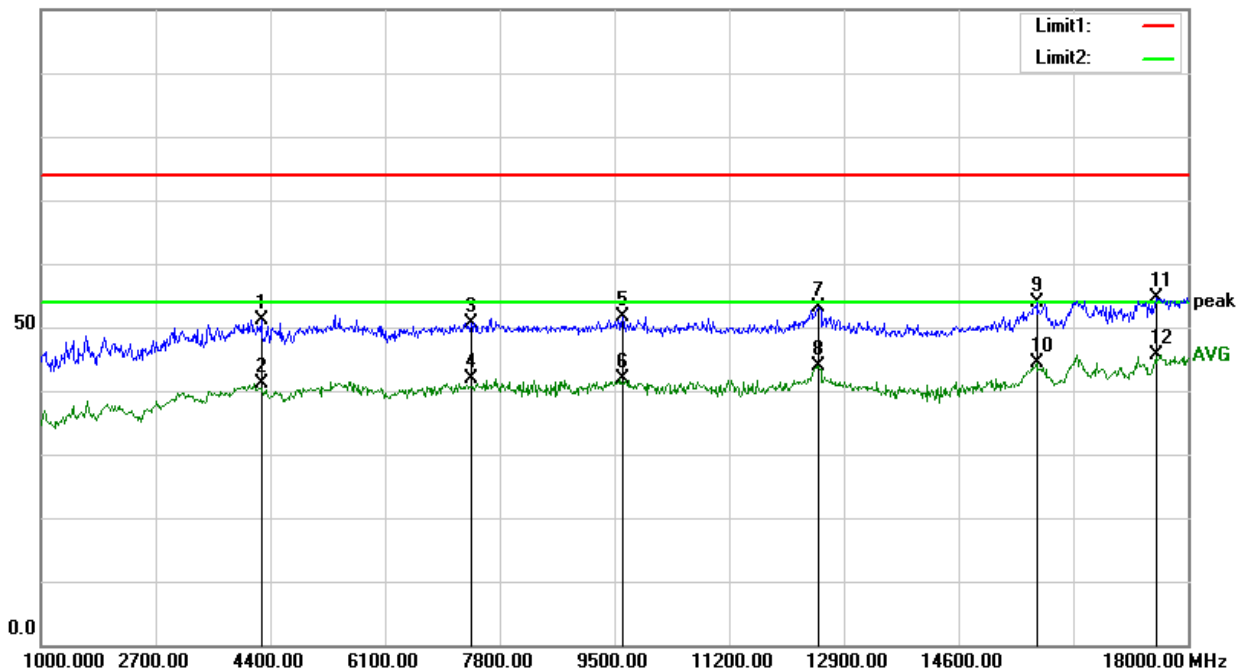
Temperature:	23.4°C	Relative Humidity:	48%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.02.07

No.	Frequency (MHz)	Reading (dBUV)	Correct Factor (dB)	Result (dBUV)	Limit (dBUV)	Margin (dB)	Remark
1	4264.000	46.61	4.56	51.17	74.00	-22.83	Peak
2	4264.000	36.51	4.56	41.07	54.00	-12.93	AVG
3	7375.000	39.20	11.47	50.67	74.00	-23.33	Peak
4	7375.000	30.30	11.47	41.77	54.00	-12.23	AVG
5	9619.000	38.16	13.43	51.59	74.00	-22.41	Peak
6	9619.000	28.46	13.43	41.89	54.00	-12.11	AVG
7	12526.000	37.66	15.55	53.21	74.00	-20.79	Peak
8	12526.000	28.36	15.55	43.91	54.00	-10.09	AVG
9	15756.000	37.02	16.78	53.80	74.00	-20.20	Peak
10	15756.000	27.55	16.78	44.33	54.00	-9.67	AVG
11	17541.000	32.37	22.14	54.51	74.00	-19.49	Peak
12	17541.000	23.60	22.14	45.74	54.00	-8.26	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)

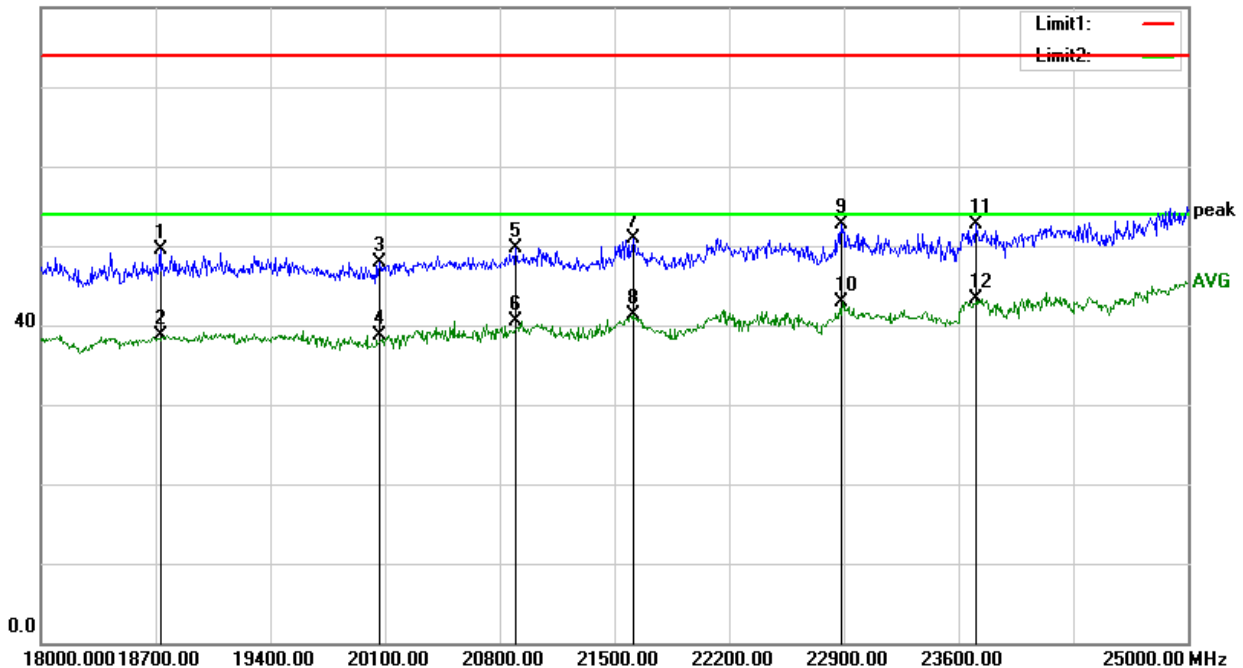
Temperature:	23.4 °C	Relative Humidity:	48%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.02.07

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	18728.000	24.77	24.69	49.46	74.00	-24.54	Peak
2	18728.000	13.95	24.69	38.64	54.00	-15.36	AVG
3	20065.000	23.24	24.68	47.92	74.00	-26.08	Peak
4	20065.000	14.07	24.68	38.75	54.00	-15.25	AVG
5	20898.000	24.82	24.92	49.74	74.00	-24.26	Peak
6	20898.000	15.58	24.92	40.50	54.00	-13.50	AVG
7	21619.000	26.14	24.69	50.83	74.00	-23.17	Peak
8	21619.000	16.55	24.69	41.24	54.00	-12.76	AVG
9	22886.000	28.23	24.52	52.75	74.00	-21.25	Peak
10	22886.000	18.34	24.52	42.86	54.00	-11.14	AVG
11	23705.000	28.03	24.77	52.80	74.00	-21.20	Peak
12	23705.000	18.61	24.77	43.38	54.00	-10.62	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





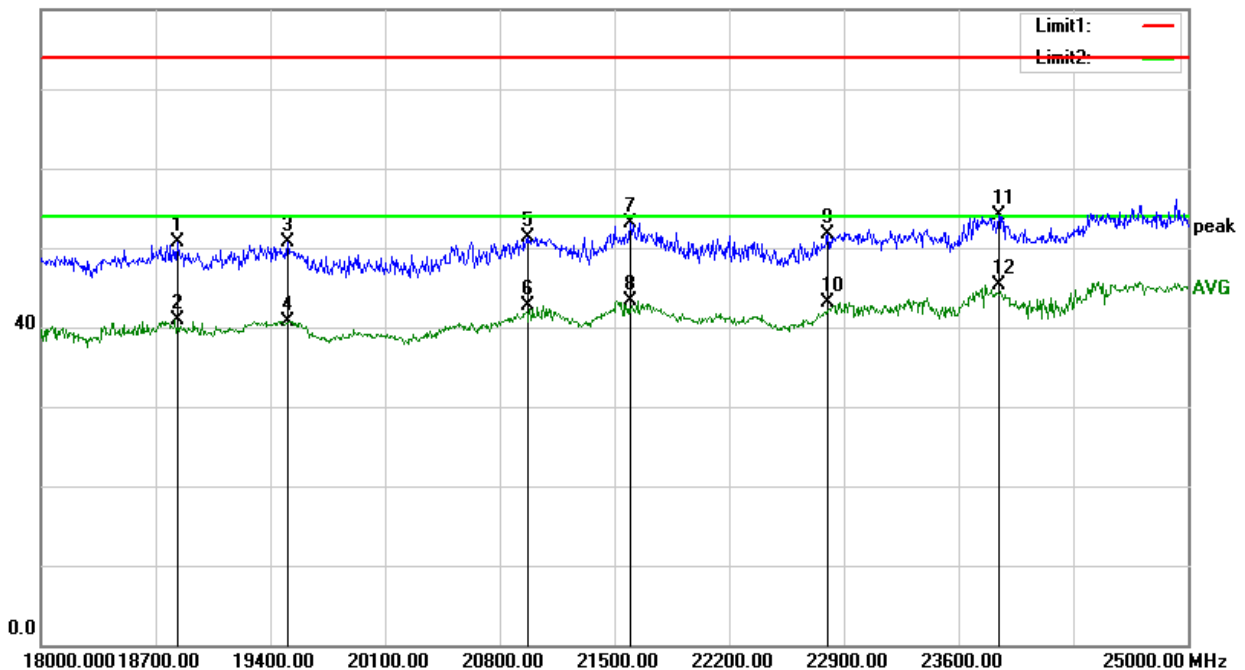
Temperature:	23.4°C	Relative Humidity:	48%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V	Test Date:	2021.02.07

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	18833.000	25.95	24.71	50.66	74.00	-23.34	Peak
2	18833.000	16.16	24.71	40.87	54.00	-13.13	AVG
3	19505.000	25.12	25.63	50.75	74.00	-23.25	Peak
4	19505.000	15.14	25.63	40.77	54.00	-13.23	AVG
5	20975.000	26.41	24.92	51.33	74.00	-22.67	Peak
6	20975.000	17.83	24.92	42.75	54.00	-11.25	AVG
7	21598.000	28.49	24.71	53.20	74.00	-20.80	Peak
8	21598.000	18.67	24.71	43.38	54.00	-10.62	AVG
9	22802.000	27.26	24.50	51.76	74.00	-22.24	Peak
10	22802.000	18.65	24.50	43.15	54.00	-10.85	AVG
11	23845.000	29.36	24.81	54.17	74.00	-19.83	Peak
12	23845.000	20.41	24.81	45.22	54.00	-8.78	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



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.

END OF THE REPORT