FCC Part 15B TEST REPORT

Report No.: STS2006163E01

Issued for

4G NET INC

3000 NW 72 AVENUE MIAMI FL 33122

Product Name:	Mobile phone
Brand Name:	UNIQCELL
Model Name:	Q5.8
Series Model:	Q5.8 PRO
FCC ID:	2AWCN-Q58
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 ..... :	4G NET INC
Address ..... :	3000 NW 72 AVENUE MIAMI FL 33122
Manufacture's Name ..... :	METELL TECHNOLOGY CO.,LIMITED
Address ..... :	FLAT 1506.15/F LUCKY CTR NO 165-171 WAN CHAI RD WAN CHAI HONG KONG
Product Description ..... :	
Product Name ..... :	Mobile phone
Brand Name ..... :	UNIQCELL
Model Name ..... :	Q5.8
Series Model ..... :	Q5.8 PRO
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 Performance of Tests	:	03 June. 2020~05 June. 2020
Date of Issue	:	05 June. 2020
Test Result	:	**Pass**

Compiled by : Mickey Deng

(Mickey Deng)

Technical Manager : Chopin. Xiao

(Chopin Xiao)

Authorized Signatory : Vita Li

(Vita Li)

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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	05 June. 2020	STS2006163E01	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" denotes test is not applicable in this Test Report

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-150KHz)	±3.37dB
2	Conducted Emission (150KHz-30MHz)	±3.83dB
3	All emissions,radiated(<1G) 30MHz-1000MHz	±5.6dB
4	All emissions,radiated(>1G) 1GHz-6GHz	±5.5dB
5	All emissions,radiated(>1G) 6GHz-26GHz	±5.8dB

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Mobile phone	
Brand Name	UNIQCELL	
Model Name	Q5.8	
Series Model	Q5.8 PRO	
Product Differences	Only different in model name, cameras and memory.	
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 4: 1710.7~1754.3MHz Band 5: 824.7~848.3MHz Band 7: 2502.5~2567.5MHz Band 17: 706.5~713.5MHz
	WLAN	802.11b/g/n(HT20/40):2412~2462MHz
	Bluetooth	2402~2480MHz
	GPS	1575.42MHz
	FM	87.5~108MHz
Modulation Mode	GSM	GMSK for GPRS; GMSK and 8PSK for EDGE
	WCDMA	QPSK; HSDPA:QPSK/16QAM; HSUPA:BPSK
	LTE	QPSK/16QAM
	WLAN	802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM
	Bluetooth	BBT(1Mbps): GFSK BT EDR(2Mbps): π/4-DQPSK BT EDR(3Mbps): 8DPSK
	BLE	GFSK
	GPS	BPSK
	FM	FM
Adapter	Input: AC100-240 0.15A 50/60Hz Output: 5V 1000mA	
Battery	Rated Voltage: 3.8V	

	Charge Limit: 4.35V Capacity: 2250mAh
Hardware Version Number	V1.1
Software Version Number	UNIQ_W3701_P159_Q5.8_V1.0_20200528

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 possible 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	Adapter + Back camera on + BT Link
Mode 2	GSM850 Link + Adapter + USB cable + Earphone + BT Link + GPS Rx
Mode 3	PCS1900 Link + Adapter + USB cable + Earphone + BT Link + GPS Rx
Mode 4	WCDMA1900 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 5	WCDMA850 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 6	LTE B2 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 7	LTE B5 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 8	LTE B7 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 9	LTE B17 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 10	PC + USB Transmission + SD Card
Mode 11	Charging + Video + Earphone
Mode 12	Charging + Camera
Mode 13	Charging + FM

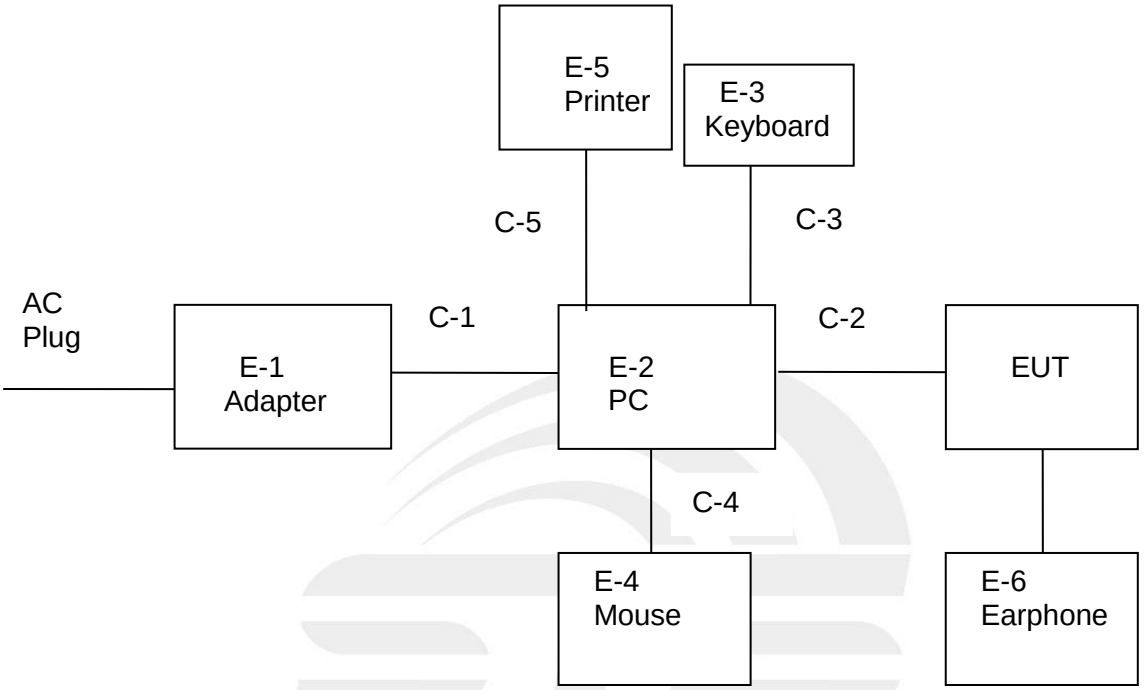
For Conducted Test	
Final Test Mode	Description
Mode 1	Adapter + Back camera on + BT Link

For Radiated Test	
Final Test Mode	Description
Mode 1	Adapter + Back camera on + BT Link

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.

Accessories equipment

Item	Equipment	Mfr/Brand	Model/Type No.
E-6	Earphone	UNIQCELL	Q5.8

Auxiliary equipment

Item	Equipment	Mfr/Brand	Model/Type No.
E-1	Adapter	HP	HSTNN-CA15
E-2	PC	DELL	Inspiron 14-3467
E-3	Keyboard	Acer	SK-9624
E-4	Mouse	HP	MODGUO
E-5	Printer	LENOVO	LJ2400L

Cable

Item	Type	Shielded Type	Ferrite Core	Length
C-1	Power Cord	Shielded	NO	150cm
C-2	USB Cable (FTP)	Unshielded	NO	60cm
C-3	USB Cable (FTP)	Shielded	NO	180cm
C-4	USB Cable (FTP)	Shielded	NO	180cm
C-5	USB Cable (FTP)	Shielded	NO	120cm

Note:

(1) The support equipment was authorized by Declaration of Confirmation.

(2) For detachable type I/O cable should be specified the length in cm in『Length』column.

(3) “YES” is means “shielded” “with core”; “NO” is means “unshielded” “without core”.

(4) PC is the FCC DOC is approved.

(5) Both models: Q5.8 and model: Q5.8 PRO have evaluation tests, but the worst data placed in the report is model: Q5.8.

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	2019.10.09	2020.10.08
Bi-log Antenna	TESEQ	CBL6111D	34678	2017.11.02	2020.11.01
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1343	2018.10.19	2021.10.18
Pre-amplifier(1G-26.5G)	Agilent	8449B	3008A02383	2019.10.11	2020.10.10
Pre-amplifier(0.1M-3GHz)	EM	EM330	060665	2019.10.09	2020.10.08
Spectrum Analyzer	Agilent	N9020A	MY49100060	2019.10.09	2020.10.08
RE Cable (9K-1G)	N/A	R01	N/A	2019.10.12	2020.10.11
RE Cable (1G-26G)	N/A	R02	N/A	2019.10.12	2020.10.11
Temperature & Humidity	Mieo	HH660	N/A	2019.10.12	2020.10.11
Horn Antenna(18-40GHz)	A-INFO	LB-180400-KF	J211020657	2018.03.11	2021.03.10
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	2019.10.09	2020.10.08
LISN	R&S	ENV216	101242	2019.10.09	2020.10.08
LISN	ETS	3810/2NM	00023625	2019.10.09	2020.10.08
Absorbing Clamp	R&S	MDS-21	100668	2019.10.09	2020.10.08
CE Cable	N/A	C01	N/A	2019.10.12	2020.10.11
Temperature & Humidity	Mieo	HH660	N/A	2019.10.12	2020.10.11
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)	Conducted Emission Limits (dBuV)			
	Class A		Class B	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	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

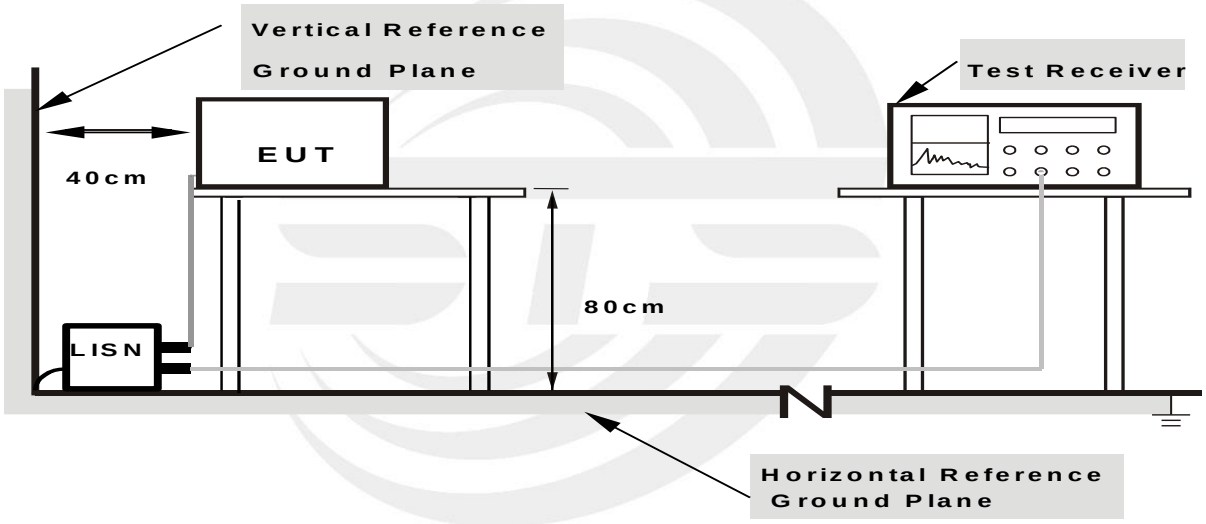
3.1.2 TEST PROCEDURE

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

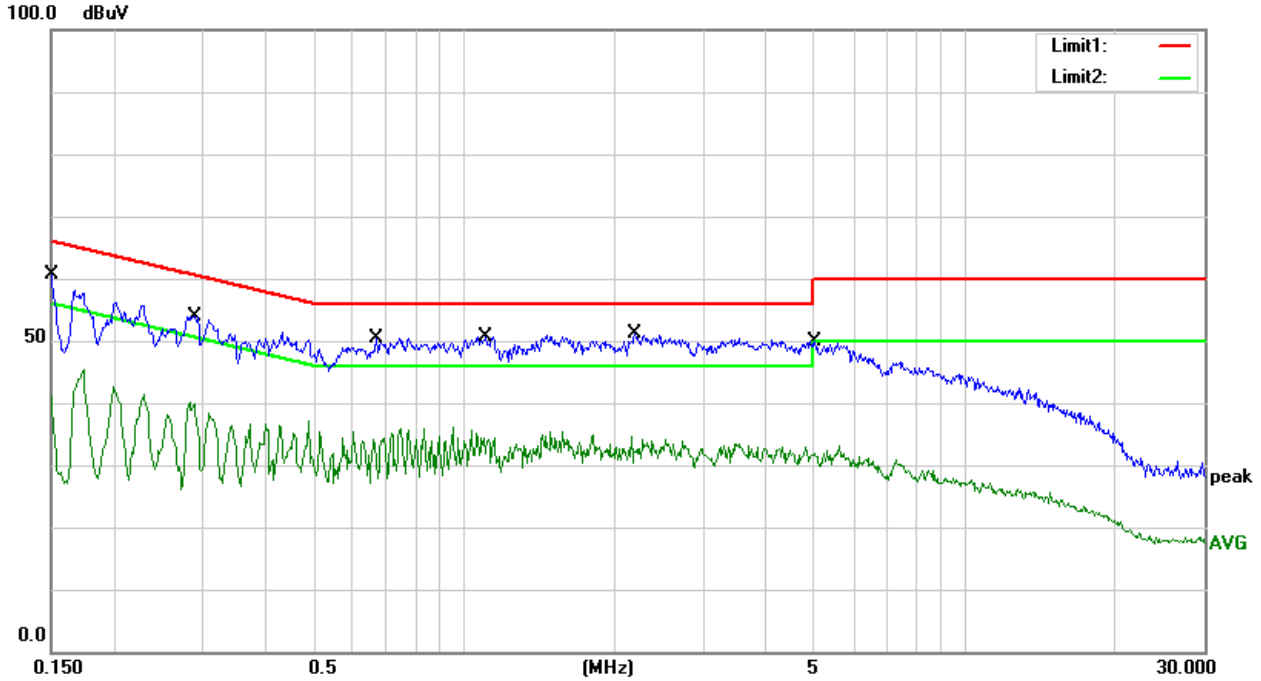
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.6 TEST RESULTS

Temperature:	26.5℃	Relative Humidity:	65%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.06.04

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	40.52	20.23	60.75	66.00	-5.25	QP
2	0.1500	20.89	20.23	41.12	56.00	-14.88	AVG
3	0.2900	33.32	20.67	53.99	60.52	-6.53	QP
4	0.2900	18.18	20.67	38.85	50.52	-11.67	AVG
5	0.6700	30.03	20.29	50.32	56.00	-5.68	QP
6	0.6700	7.68	20.29	27.97	46.00	-18.03	AVG
7	1.1100	30.54	20.15	50.69	56.00	-5.31	QP
8	1.1100	14.02	20.15	34.17	46.00	-11.83	AVG
9	2.1980	30.97	20.04	51.01	56.00	-4.99	QP
10	2.1980	12.43	20.04	32.47	46.00	-13.53	AVG
11	5.0100	29.94	19.95	49.89	60.00	-10.11	QP
12	5.0100	11.96	19.95	31.91	50.00	-18.09	AVG

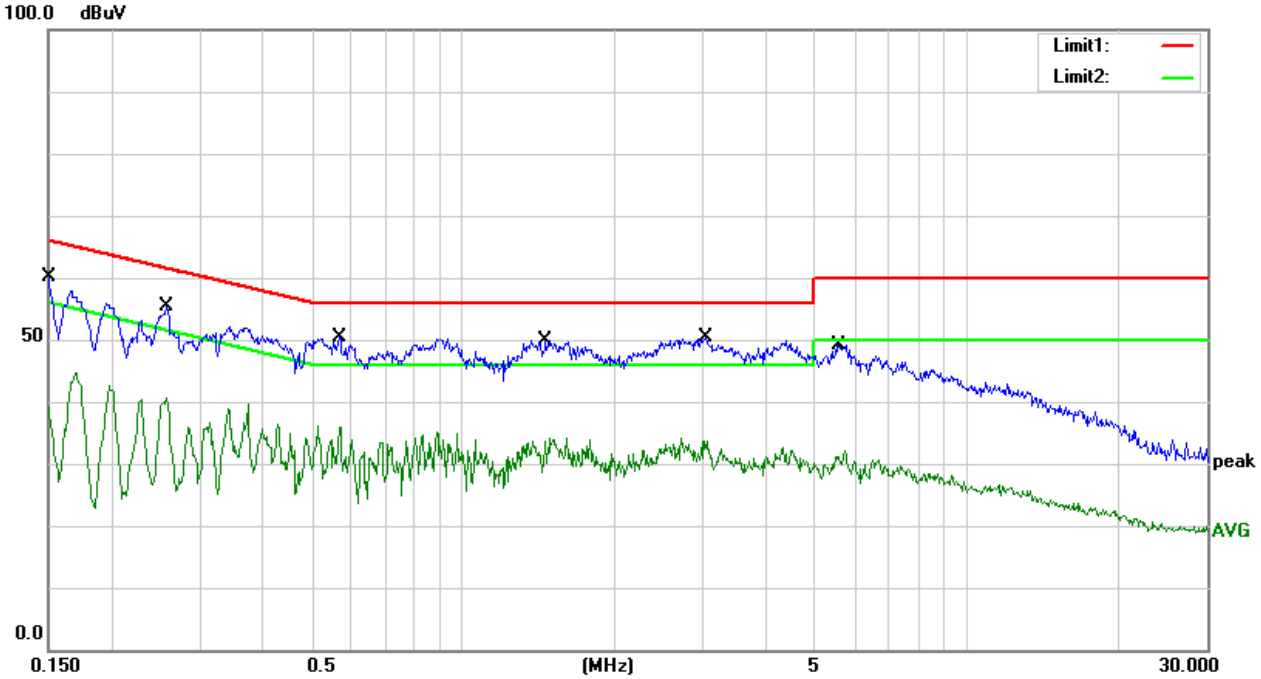
Remark:
1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result =Reading + Factor)–Limit
3. Factor = Insertion loss + Cable loss



Temperature:	26.5℃	Relative Humidity:	65%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.06.04

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	39.85	20.23	60.08	66.00	-5.92	QP
2	0.1500	18.99	20.23	39.22	56.00	-16.78	AVG
3	0.2580	34.80	20.52	55.32	61.50	-6.18	QP
4	0.2580	18.94	20.52	39.46	51.50	-12.04	AVG
5	0.5700	29.96	20.40	50.36	56.00	-5.64	QP
6	0.5700	15.48	20.40	35.88	46.00	-10.12	AVG
7	1.4620	29.88	20.11	49.99	56.00	-6.01	QP
8	1.4620	10.10	20.11	30.21	46.00	-15.79	AVG
9	3.0260	30.39	19.98	50.37	56.00	-5.63	QP
10	3.0260	12.67	19.98	32.65	46.00	-13.35	AVG
11	5.5700	29.23	19.92	49.15	60.00	-10.85	QP
12	5.5700	11.14	19.92	31.06	50.00	-18.94	AVG

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



Note: (1) The test voltage is 100-240V, both of which have assessment tests, and the worst test data is in the report.

(2) Both models: Q5.8 and model: Q5.8 PRO have evaluation tests, but the worst data placed in the report is model: Q5.8.

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 Radiated Emission Limits

Class A: ITE that meets the conditions for Class A operation defined in Section 2.2 shall comply with the Class A radiated limits set out in Table 4 determined at a distance of 3 metres.

Class A Radiated Limits Below 1 GHz:

Frequencies (MHz)	Class A (dBμV/m)
	Quasi-peak
30~88	49.5
88~216	53.9
216~960	56.9
960~1000	60

Class B: ITE that does not meet the conditions for Class A operation shall comply with the Class B radiated limits set out in Table 5 determined at a distance of 3 metres.

Class B Radiated Limits Below 1 GHz:

Frequencies (MHz)	Class B (dBμV/m)
	Quasi-peak
30~88	40
88~216	43.5
216~960	46
960~1000	54

In case the emission 109(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV/m) (at 3M)		Class B (dBuV/m) (at 3M)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80	60	74	54

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).

FREQUENCY RANGE OF THE RADIATED MEASUREMENT (For unintentional radiators)

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

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	5th harmonic (Peak/AV)
RB / VB (emission in restricted band)	30MHz to 1000MHz: 100 KHz / 300 KHz Above 1000MHz: 1 MHz / 3 MHz

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	30MHz to 1000MHz: 100 KHz / 300 KHz Above 1000MHz: 1 MHz / 3 MHz

3.2.2 TEST PROCEDURE

a. The EUT was placed on the top of a rotating table 0.8 meters 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 meters.
c. The height of antenna is varied from 1 meter to 4 meters 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 meters and the rotatable table was turned from 0 degrees to 360 degrees 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.

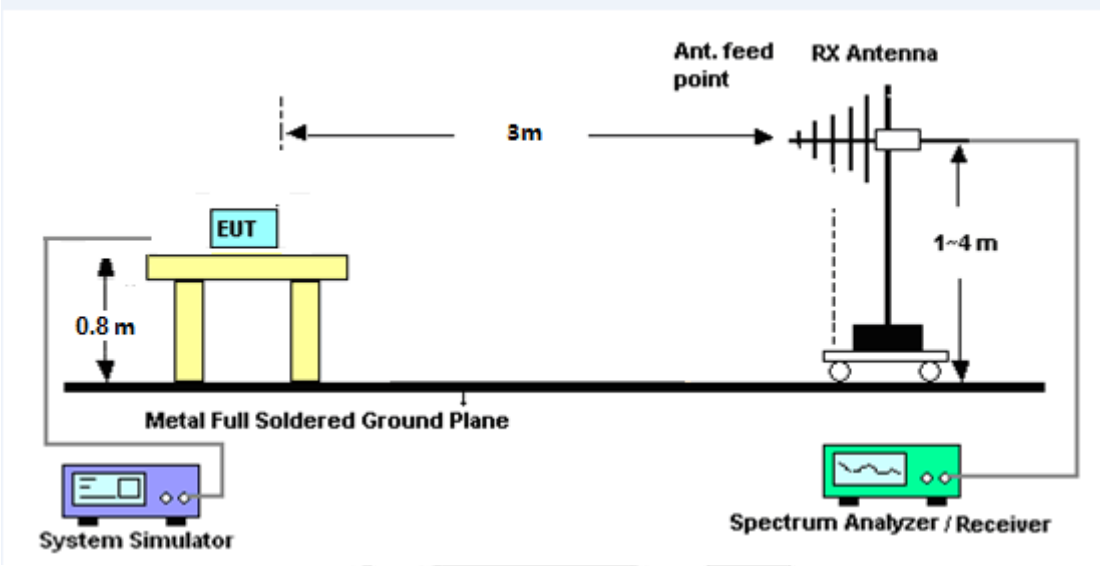
Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

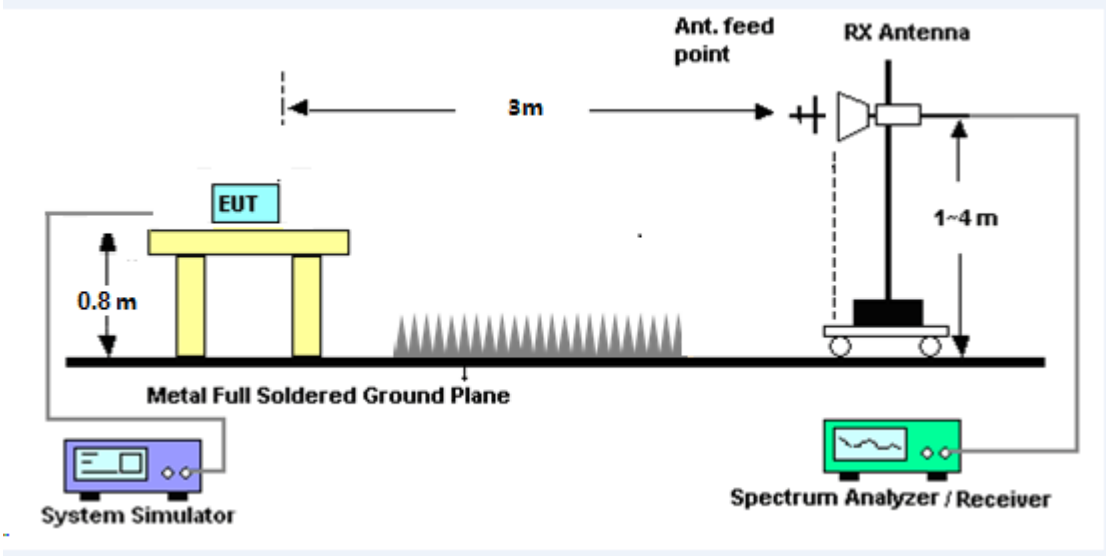
No deviation

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 Unless otherwise a special operating condition is specified in the following during the testing.

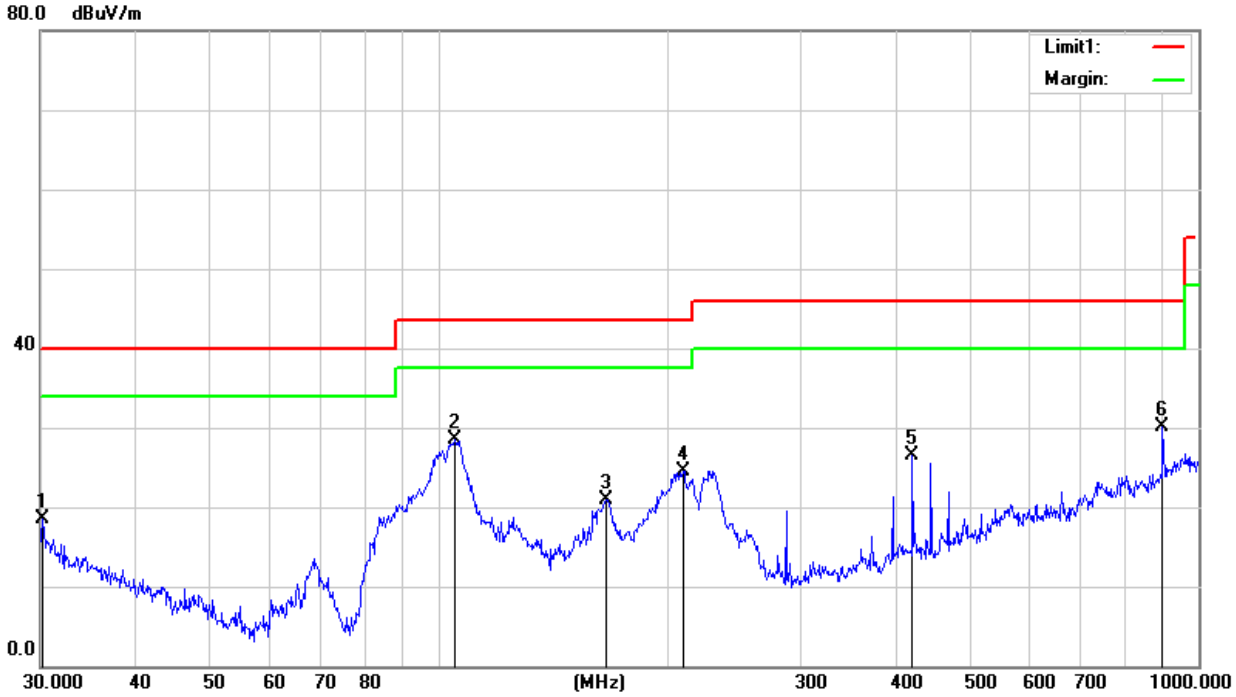
3.2.6 TEST RESULTS

30MHz -1000MHz

Temperature:	25.3℃	Relative Humidity:	55%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.06.03

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.2111	29.59	-11.15	18.44	40.00	-21.56	QP
2	105.2718	48.36	-19.77	28.59	43.50	-14.91	QP
3	166.6514	40.40	-19.46	20.94	43.50	-22.56	QP
4	210.0482	46.08	-21.49	24.59	43.50	-18.91	QP
5	420.5803	38.91	-12.40	26.51	46.00	-19.49	QP
6	896.9965	33.73	-3.57	30.16	46.00	-15.84	QP

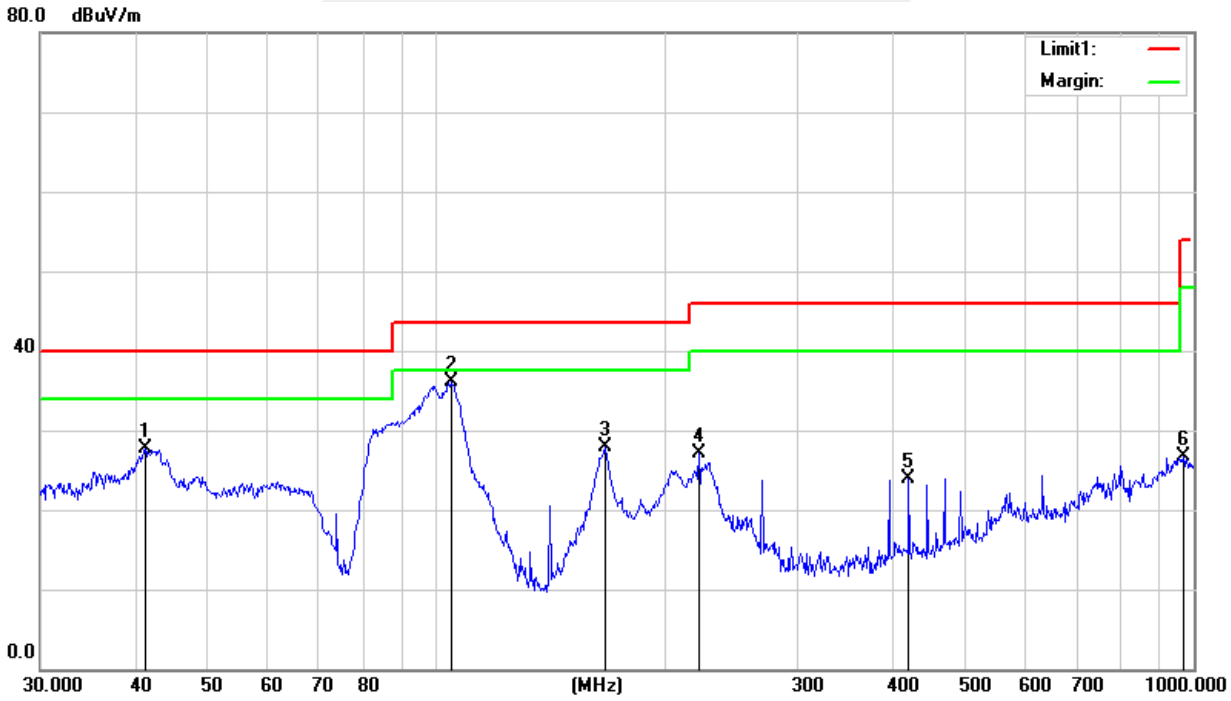
Remark:
1. All readings are Quasi-Peak
2. Margin = Result (Result =Reading + Factor)–Limit
3. Factor= Cable Loss +Antenna Factor-Amplifier Gain



Temperature:	25.3℃	Relative Humidity:	55%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.06.03

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	41.2765	44.88	-17.24	27.64	40.00	-12.36	QP
2	104.5361	55.85	-19.80	36.05	43.50	-7.45	QP
3	167.2368	47.47	-19.54	27.93	43.50	-15.57	QP
4	222.1698	46.52	-19.39	27.13	46.00	-18.87	QP
5	420.5803	36.36	-12.40	23.96	46.00	-22.04	QP
6	968.9338	28.67	-1.98	26.69	54.00	-27.31	QP

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



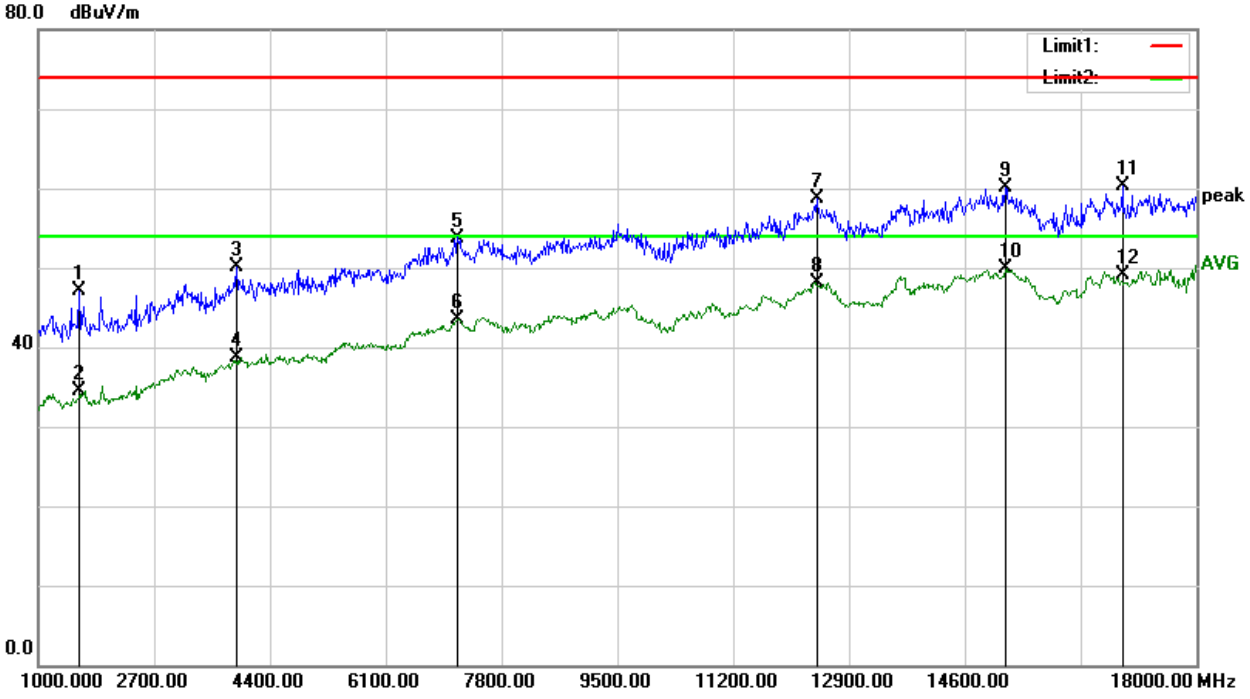
Note: Both models: Q5.8 and model: Q5.8 PRO have evaluation tests, but the worst data placed in the report is model: Q5.8.

(1 GHz to 18GHz.)

Temperature:	25.3℃	Relative Humidity:	55%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.06.03

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	1595.000	49.46	-2.43	47.03	74.00	-26.97	Peak
2	1595.000	36.91	-2.43	34.48	54.00	-19.52	AVG
3	3907.000	45.96	4.13	50.09	74.00	-23.91	Peak
4	3907.000	34.52	4.13	38.65	54.00	-15.35	AVG
5	7154.000	42.66	11.14	53.80	74.00	-20.20	Peak
6	7154.000	32.37	11.14	43.51	54.00	-10.49	AVG
7	12424.000	43.29	15.44	58.73	74.00	-15.27	Peak
8	12424.000	32.63	15.44	48.07	54.00	-5.93	AVG
9	15195.000	42.46	17.73	60.19	74.00	-13.81	Peak
10	15195.000	32.17	17.73	49.90	54.00	-4.10	AVG
11	16912.000	41.68	18.61	60.29	74.00	-13.71	Peak
12	16912.000	30.55	18.61	49.16	54.00	-4.84	AVG

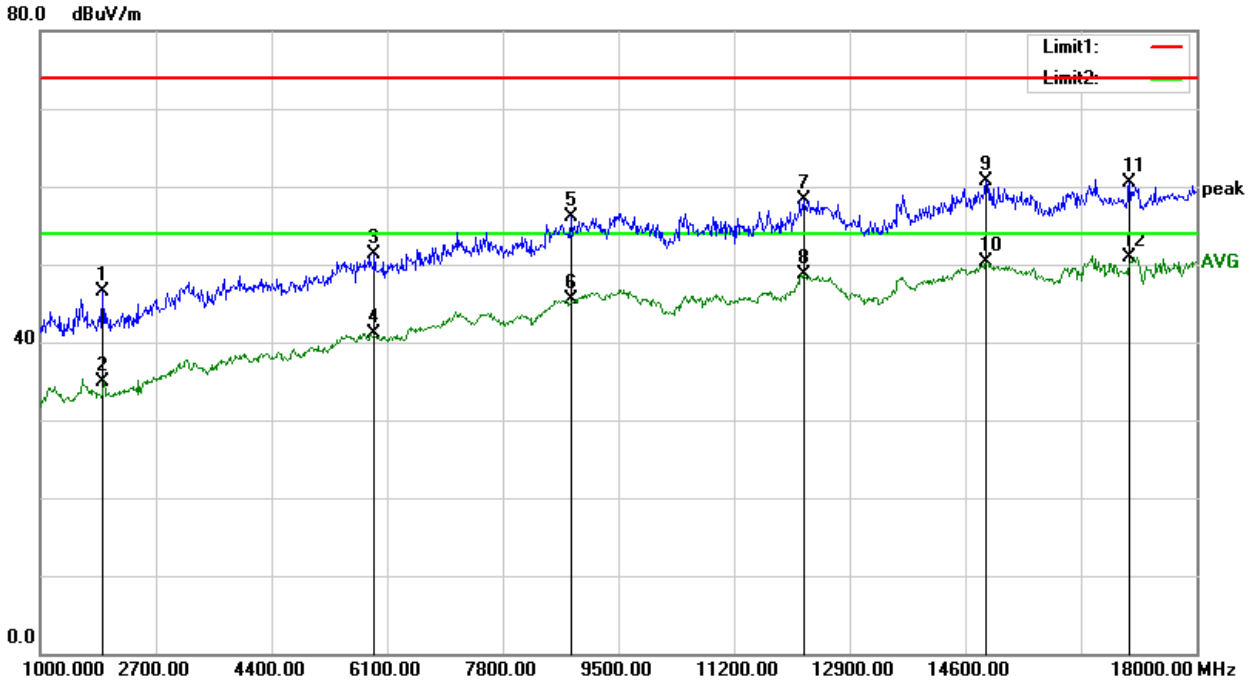
Remark:
1. All readings are Peak and Average values
2. Margin = Result (Result =Reading + Factor)–Limit
3. Factor= Cable Loss +Antenna Factor-Amplifier Gain



Temperature:	25.3℃	Relative Humidity:	55%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.06.03

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	1918.000	47.77	-1.35	46.42	74.00	-27.58	Peak
2	1918.000	36.30	-1.35	34.95	54.00	-19.05	AVG
3	5913.000	43.84	7.54	51.38	74.00	-22.62	Peak
4	5913.000	33.54	7.54	41.08	54.00	-12.92	AVG
5	8803.000	42.76	13.38	56.14	74.00	-17.86	Peak
6	8803.000	32.05	13.38	45.43	54.00	-8.57	AVG
7	12237.000	43.24	15.13	58.37	74.00	-15.63	Peak
8	12237.000	33.59	15.13	48.72	54.00	-5.28	AVG
9	14906.000	42.75	17.87	60.62	74.00	-13.38	Peak
10	14906.000	32.39	17.87	50.26	54.00	-3.74	AVG
11	17014.000	41.73	18.73	60.46	74.00	-13.54	Peak
12	17014.000	32.19	18.73	50.92	54.00	-3.08	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



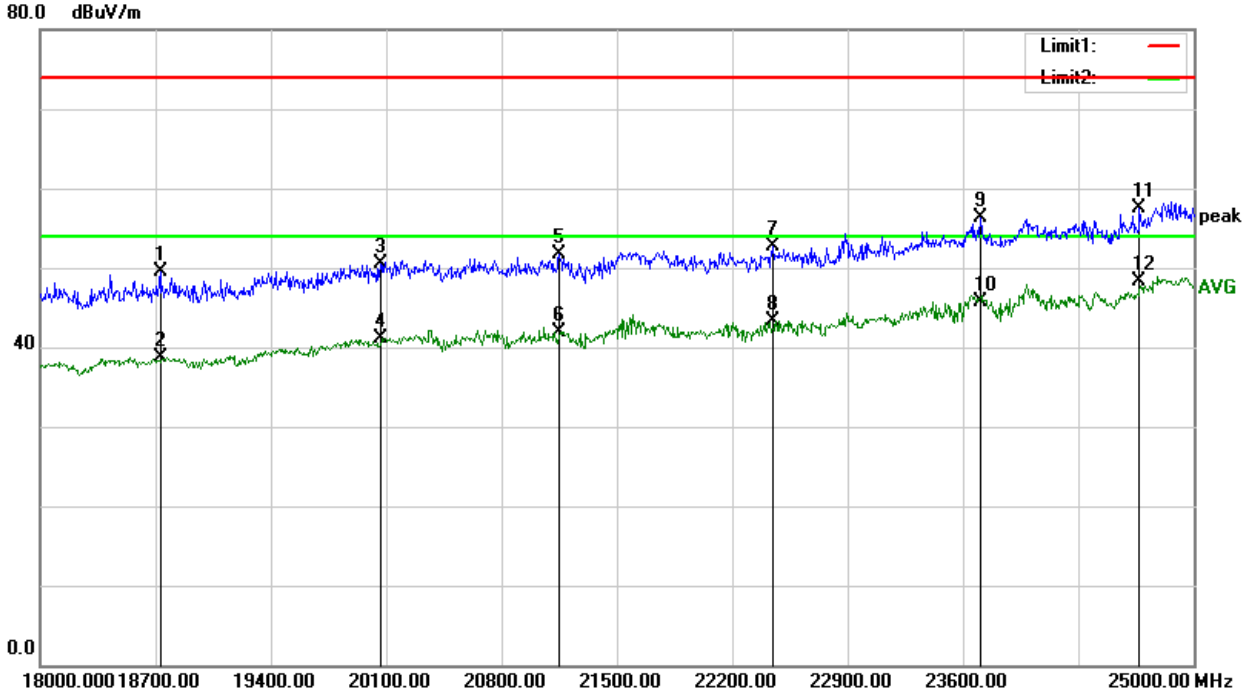
Note: Both models: Q5.8 and model: Q5.8 PRO have evaluation tests, but the worst data placed in the report is model: Q5.8.

(18 GHz to 25GHz.)

Temperature:	24.1℃	Relative Humidity:	44%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.06.03

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	25.74	24.68	50.42	74.00	-23.58	Peak
4	20065.000	16.43	24.68	41.11	54.00	-12.89	AVG
5	21150.000	26.85	24.86	51.71	74.00	-22.29	Peak
6	21150.000	17.11	24.86	41.97	54.00	-12.03	AVG
7	22445.000	28.26	24.43	52.69	74.00	-21.31	Peak
8	22445.000	18.86	24.43	43.29	54.00	-10.71	AVG
9	23705.000	31.53	24.77	56.30	74.00	-17.70	Peak
10	23705.000	20.89	24.77	45.66	54.00	-8.34	AVG
11	24671.000	32.62	24.96	57.58	74.00	-16.42	Peak
12	24671.000	23.44	24.96	48.40	54.00	-5.60	AVG

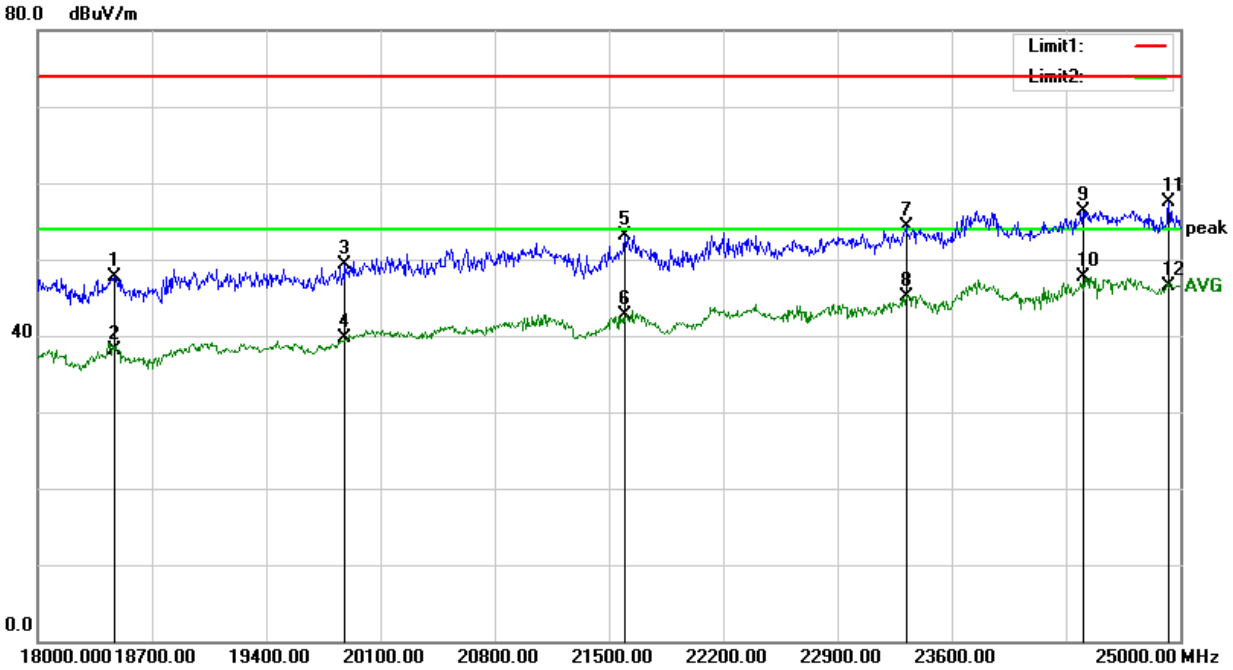
Remark:
1. All readings are Peak and Average values
2. Margin = Result (Result =Reading + Factor)–Limit
3. Factor= Cable Loss +Antenna Factor-Amplifier Gain



Temperature:	24.1℃	Relative Humidity:	44%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.06.03

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	18469.000	22.87	24.80	47.67	74.00	-26.33	Peak
2	18469.000	13.29	24.80	38.09	54.00	-15.91	AVG
3	19883.000	24.52	24.87	49.39	74.00	-24.61	Peak
4	19883.000	14.77	24.87	39.64	54.00	-14.36	AVG
5	21598.000	28.49	24.71	53.20	74.00	-20.80	Peak
6	21598.000	18.08	24.71	42.79	54.00	-11.21	AVG
7	23320.000	29.59	24.67	54.26	74.00	-19.74	Peak
8	23320.000	20.46	24.67	45.13	54.00	-8.87	AVG
9	24405.000	31.42	24.94	56.36	74.00	-17.64	Peak
10	24405.000	22.73	24.94	47.67	54.00	-6.33	AVG
11	24930.000	32.59	24.96	57.55	74.00	-16.45	Peak
12	24930.000	21.62	24.96	46.58	54.00	-7.42	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 detector mode of the emission shown in Actual FS column.
3. Both models: Q5.8 and model: Q5.8 PRO have evaluation tests, but the worst data placed in the report is model: Q5.8.

※※※※※END OF THE REPORT※※※※※