



FCC Part 15B TEST REPORT

Report No.: STS2009165E01

Issued for

XTR S.A.C.

Av. Camino Real 1225 Of 201-A San Isidro Lima, Peru

Product Name:	Smart phone
Brand Name:	EKS
Model Name:	X6
Series Model:	N/A
FCC ID:	2AGAK-X6
Test Standard:	FCC 47 CFR Part 15: Subpart B

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



**TEST RESULT CERTIFICATION****Applicant's Name**: XTR S.A.C.

Address: Av. Camino Real 1225 Of 201-A San Isidro Lima, Peru

Manufacture's Name: ENCORP LIMITED

Address: Room 411.4th floor, Yonghe high R&D building, NO.25 Langshan road, xili street, Nanshan district Shenzhen, China

Product Description

Product Name: Smart phone

Brand Name: EKS

Model Name: X6

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.

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

Date of Test

Date of Receipt of Test Item: 02 Sept. 2020

Date of Performance of Tests.....: 02 Sept. 2020~03 Sept. 2020

Date of Issue: 04 Sept. 2020

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

Compiled by

:

Mickey Deng

(Mickey Deng)

Technical Manager

:

Barry Li

(Barry Li)

Authorized Signatory :

Vita Li

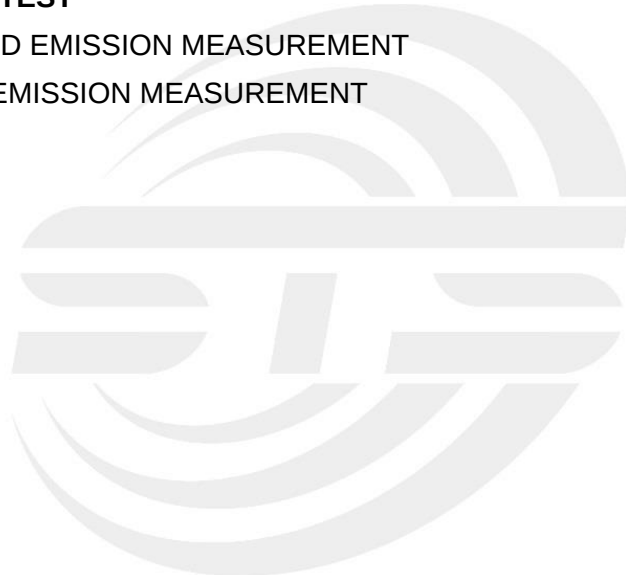
(Vita Li)





Table of Contents

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



**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	04 Sept. 2020	STS2009165E01	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 $y \pm U$, 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)	$\pm 3.37\text{dB}$
2	Conducted Emission (150KHz-30MHz)	$\pm 3.83\text{dB}$
3	All emissions,radiated(<1G) 30MHz-1000MHz	$\pm 5.6\text{dB}$
4	All emissions,radiated(>1G) 1GHz-6GHz	$\pm 5.5\text{dB}$
5	All emissions,radiated(>1G) 6GHz-26GHz	$\pm 5.8\text{dB}$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Smart phone	
Brand Name	EKS	
Model Name	X6	
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 4: 1710.7~1754.3MHz Band 28: 703~748MHz
	WLAN	802 11b/g/n(HT20):2412~2462MHz
	Bluetooth	2402~2480MHz
	GPS	BPSK
	FM	87.5 MHz to 108 MHz
Modulation Mode	GSM	GMSK for GSM/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	BT(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8DPSK
	BLE	GFSK
	GPS	BPSK
Adapter	Input:	AC 100-240V, 150mA, 50/60Hz
	Output:	DC 5V, 1A
Battery	Rated Voltage: 3.8V Charge Limit: 4.35V Capacity: 3000mAh	



Hardware Version Number	J517C_63_32EMB_03EFV1.1
Software Version Number	XTR_X6_PE_V01_20201107

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	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 B4 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link + GPS Rx
Mode 7	PC + USB Transmission + SD Card
Mode 8	Charging + Video + Earphone
Mode 9	Charging + Camera
Mode 10	Charging + FM

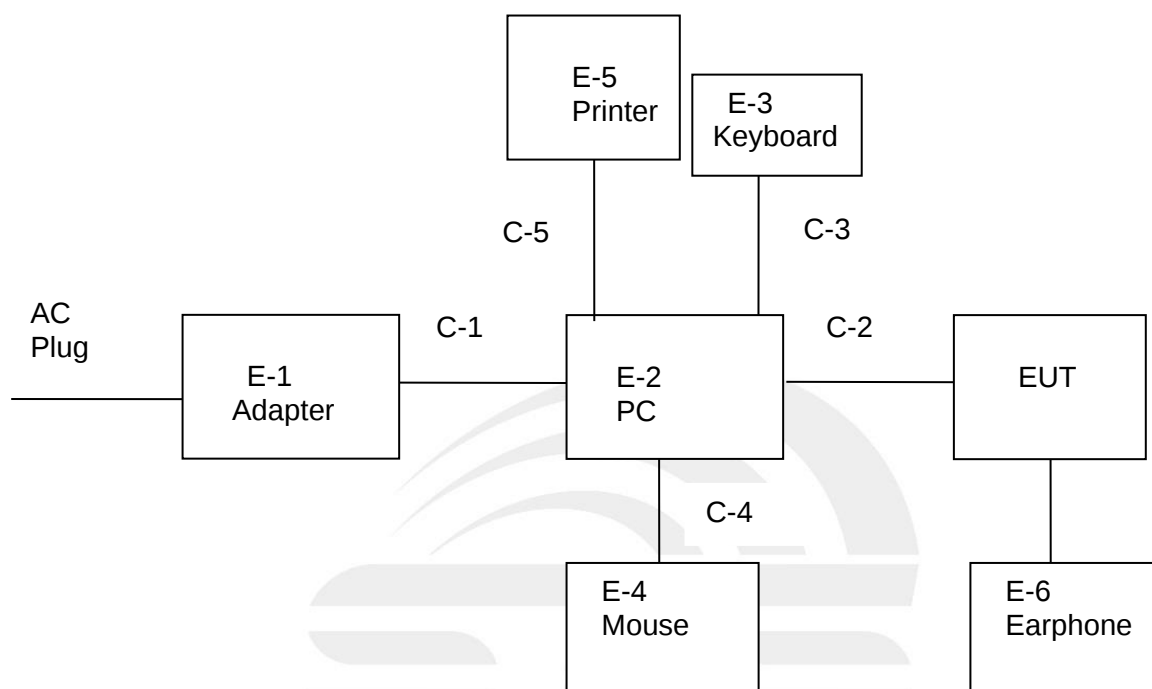
For Conducted Test	
Final Test Mode	Description
Mode 1	Adapter + Back camera on + BT Link

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 been tested for all available 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	EKS	X6

Auxiliary equipment

Item	Equipment	Mfr/Brand	Model/Type No.	REMARK
E-1	Adapter	HP	HSTNN-CA15	ID
E-2	PC	HP	500-320cx	N/A
E-3	Keyboard	Acer	SK-9624	N/A
E-4	Mouse	HP	MODGUO	N/A
E-5	Printer	LENOVO	LJ2400L	N/A

Cable

Item	Type	Shielded Type	Ferrite Core	Length
C-1	Power Cord	Shielded	NO	150cm
C-2	USB Cable (FTP)	Shielded	NO	100cm
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) 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	2019.10.09	2020.10.08
Bi-log Antenna	TESEQ	CBL6111D	34678	2017.11.02	2020.11.01
Horn Antenna	SCHWARZB ECK	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-3 GHz)	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)	☐ 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

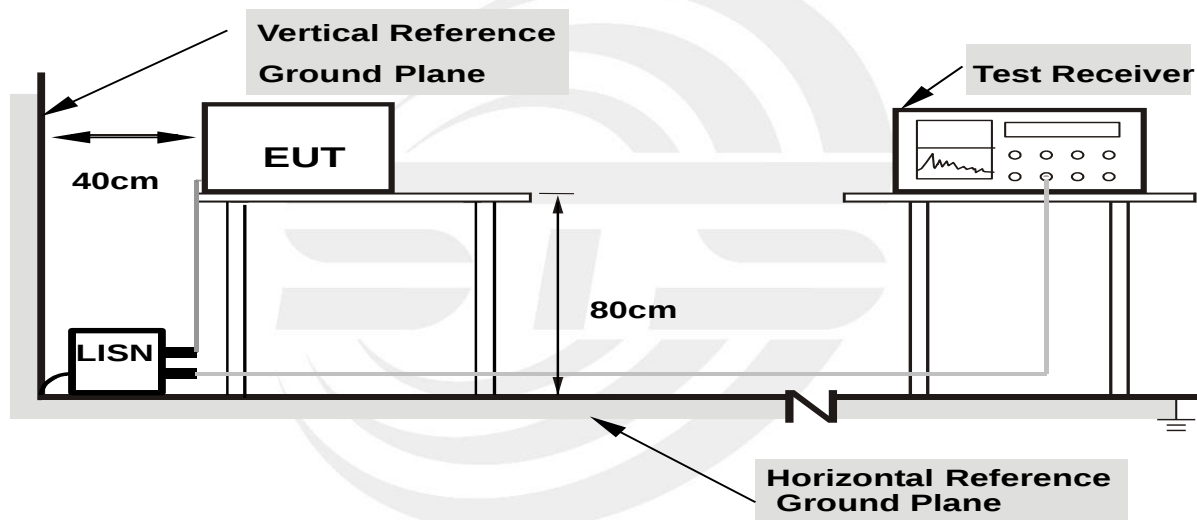
3.1.2 TEST PROCEDURE

- 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.



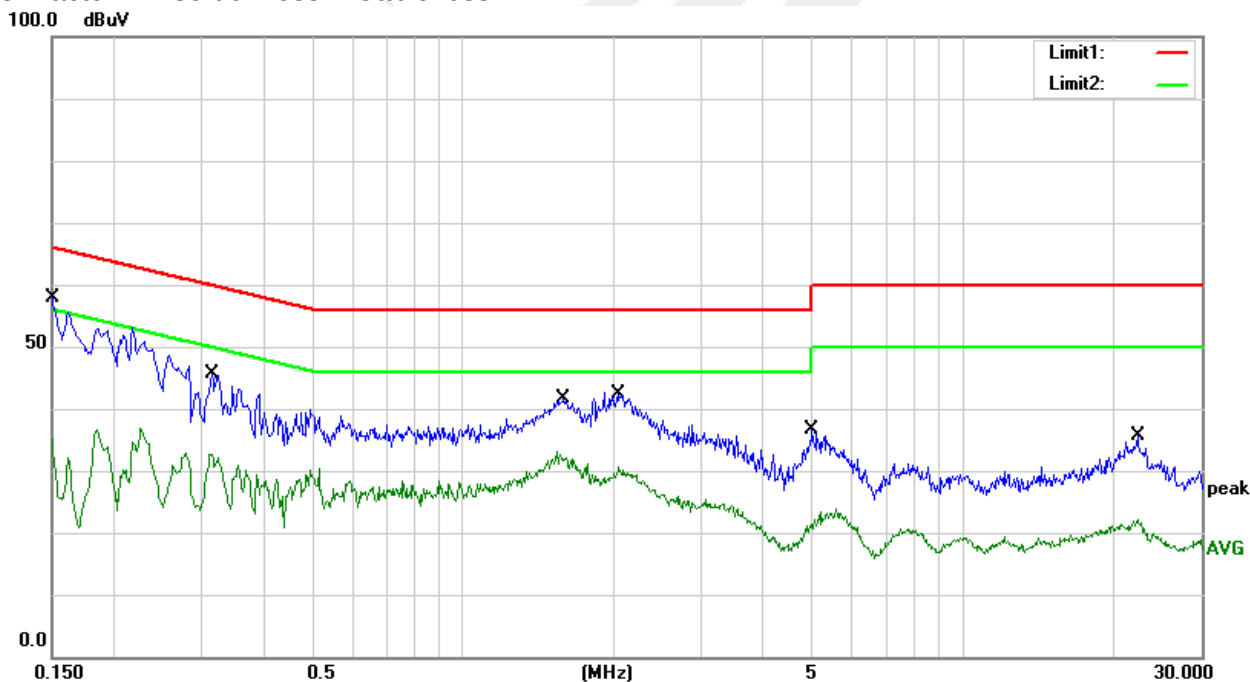
3.1.6 TEST RESULTS

Temperature:	27.3℃	Relative Humidity:	62%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.09.03

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	37.72	20.19	57.91	66.00	-8.09	QP
2	0.1500	14.99	20.19	35.18	56.00	-20.82	AVG
3	0.3140	24.83	20.73	45.56	59.86	-14.30	QP
4	0.3140	11.86	20.73	32.59	49.86	-17.27	AVG
5	1.5860	21.44	20.15	41.59	56.00	-14.41	QP
6	1.5860	12.05	20.15	32.20	46.00	-13.80	AVG
7	2.0380	22.16	20.15	42.31	56.00	-13.69	QP
8	2.0380	10.08	20.15	30.23	46.00	-15.77	AVG
9	4.9980	16.51	20.02	36.53	56.00	-19.47	QP
10	4.9980	1.26	20.02	21.28	46.00	-24.72	AVG
11	22.3180	15.10	20.65	35.75	60.00	-24.25	QP
12	22.3180	1.53	20.65	22.18	50.00	-27.82	AVG

Remark:

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





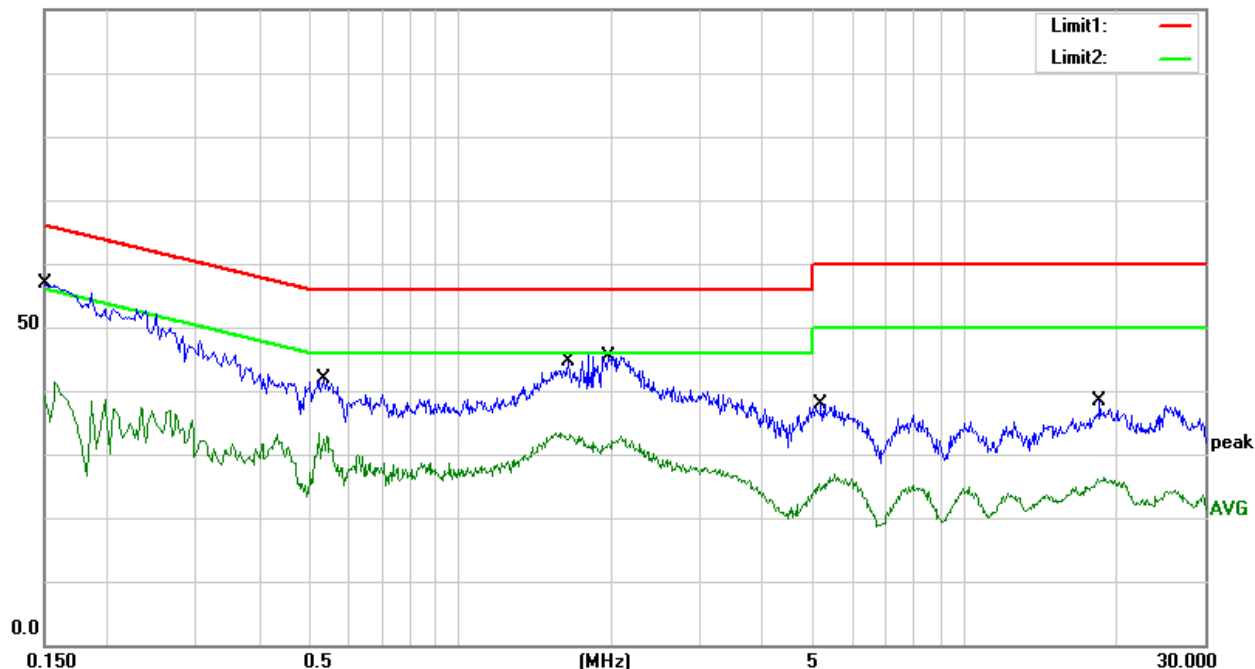
Temperature:	27.3℃	Relative Humidity:	62%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.09.03

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	36.58	20.19	56.77	66.00	-9.23	QP
2	0.1500	21.08	20.19	41.27	56.00	-14.73	AVG
3	0.5380	21.60	20.40	42.00	56.00	-14.00	QP
4	0.5380	12.35	20.40	32.75	46.00	-13.25	AVG
5	1.6380	24.38	20.15	44.53	56.00	-11.47	QP
6	1.6380	13.08	20.15	33.23	46.00	-12.77	AVG
7	1.9780	25.31	20.15	45.46	56.00	-10.54	QP
8	1.9780	11.41	20.15	31.56	46.00	-14.44	AVG
9	5.2100	17.89	20.01	37.90	60.00	-22.10	QP
10	5.2100	5.30	20.01	25.31	50.00	-24.69	AVG
11	18.5860	18.00	20.49	38.49	60.00	-21.51	QP
12	18.5860	5.53	20.49	26.02	50.00	-23.98	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).



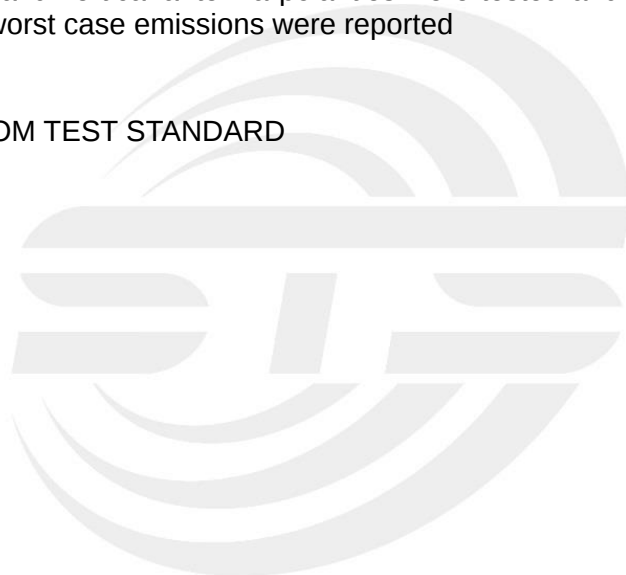
3.2.2 TEST PROCEDURE

- 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

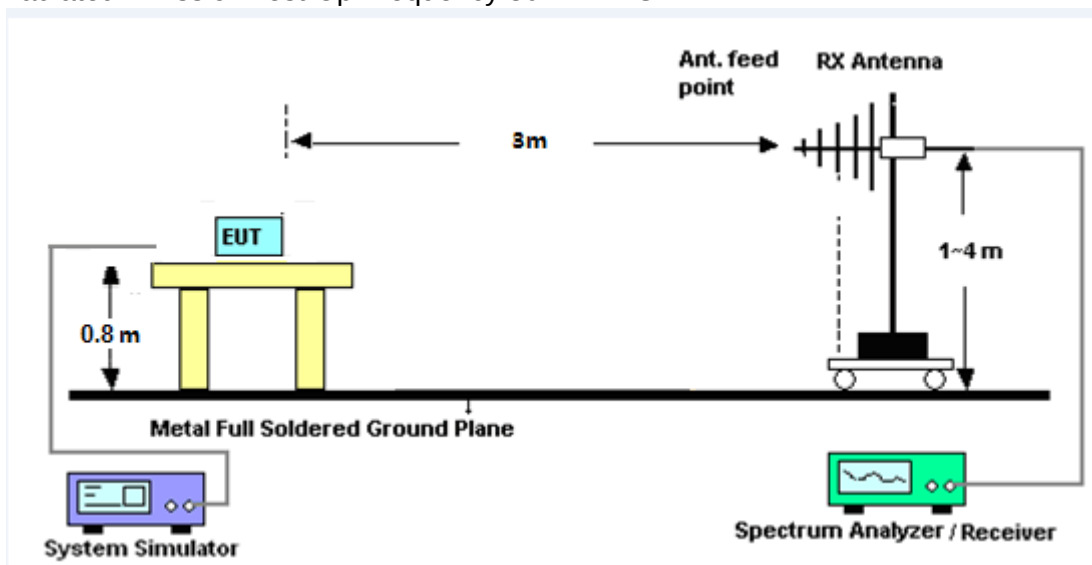
3.2.3 DEVIATION FROM TEST STANDARD

No deviation

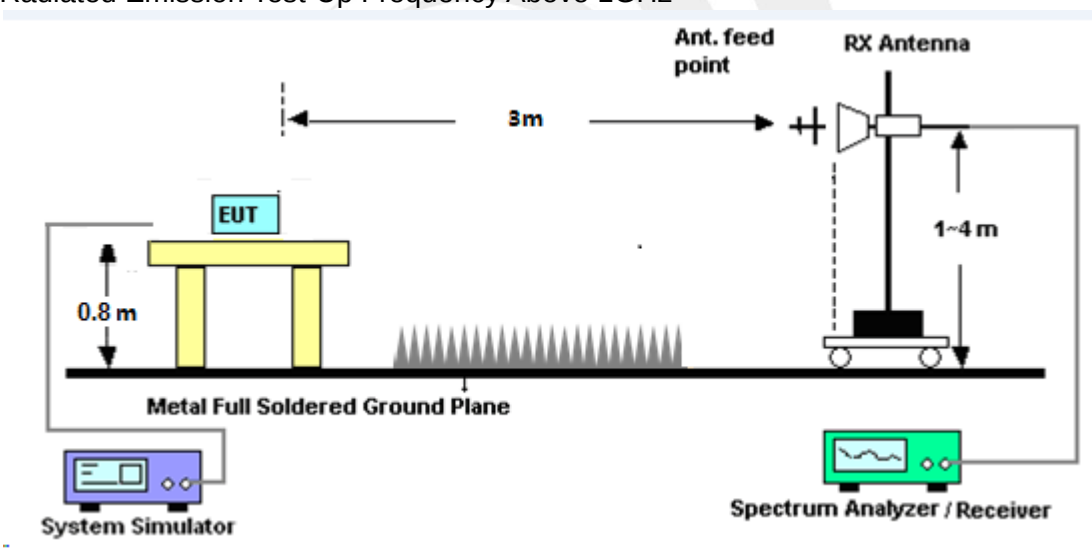


3.2.4 TEST SETUP

(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

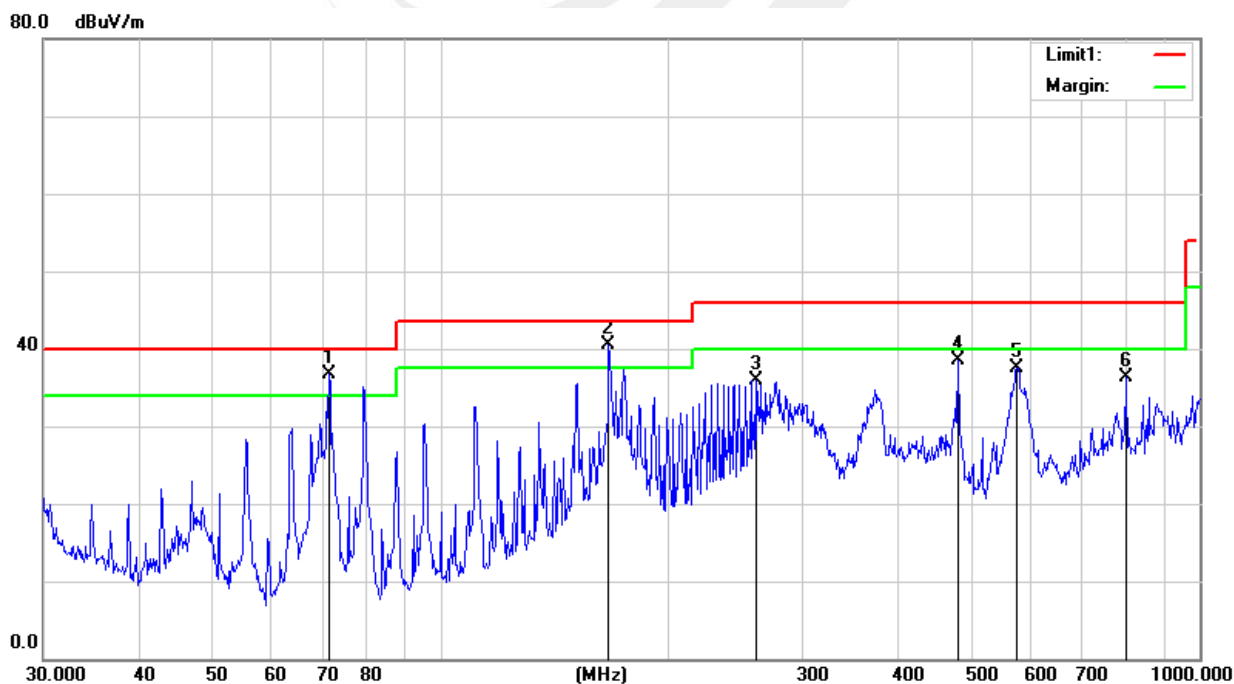
30MHz - 1000MHz

Temperature:	26.7°C	Relative Humidity:	56%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.09.02

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	71.3300	62.29	-25.64	36.65	40.00	-3.35	QP
2	166.6512	59.99	-19.46	40.53	43.50	-2.97	QP
3	260.1444	50.55	-14.69	35.86	46.00	-10.14	QP
4	480.5276	49.55	-11.00	38.55	46.00	-7.45	QP
5	574.6258	46.07	-8.64	37.43	46.00	-8.57	QP
6	798.9796	41.10	-4.77	36.33	46.00	-9.67	QP

Remark:

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





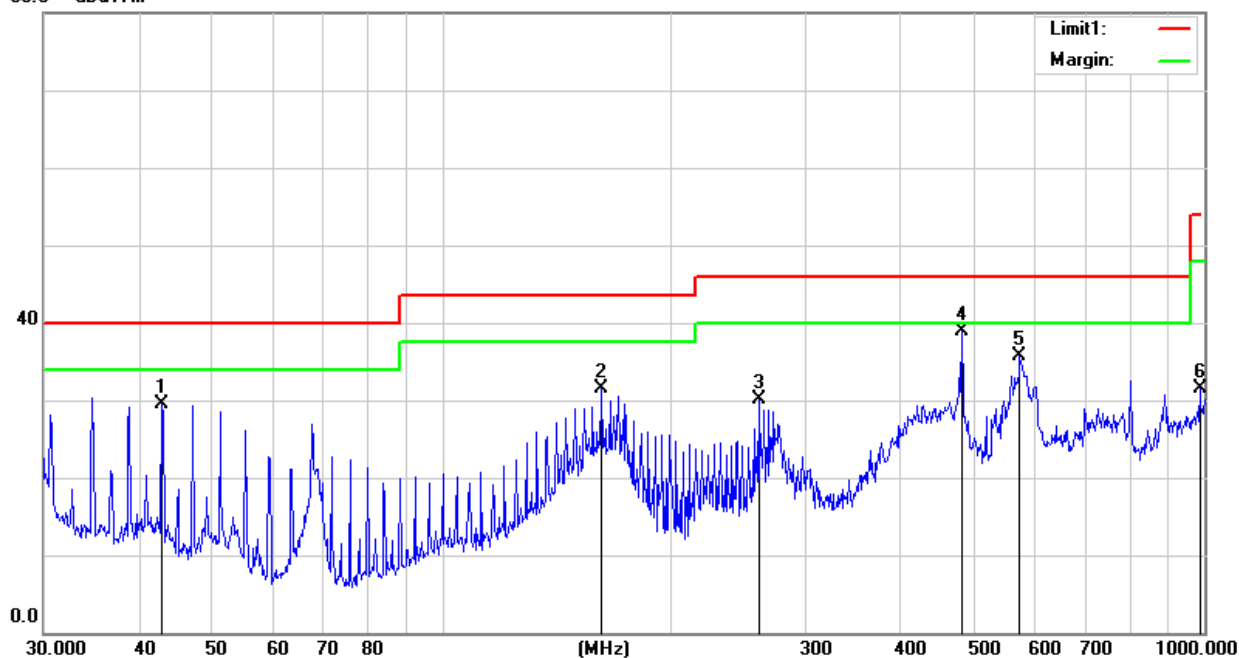
Temperature:	26.7℃	Relative Humidity:	56%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.09.02

No.	Frequency (MHz)	Reading (dBUV)	Correct Factor (dB)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	42.8997	47.56	-18.07	29.49	40.00	-10.51	QP
2	162.0414	50.53	-18.93	31.60	43.50	-11.90	QP
3	260.1444	44.88	-14.69	30.19	46.00	-15.81	QP
4	480.5276	49.97	-11.00	38.97	46.00	-7.03	QP
5	572.6144	44.30	-8.52	35.78	46.00	-10.22	QP
6	986.0716	33.54	-2.13	31.41	54.00	-22.59	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)

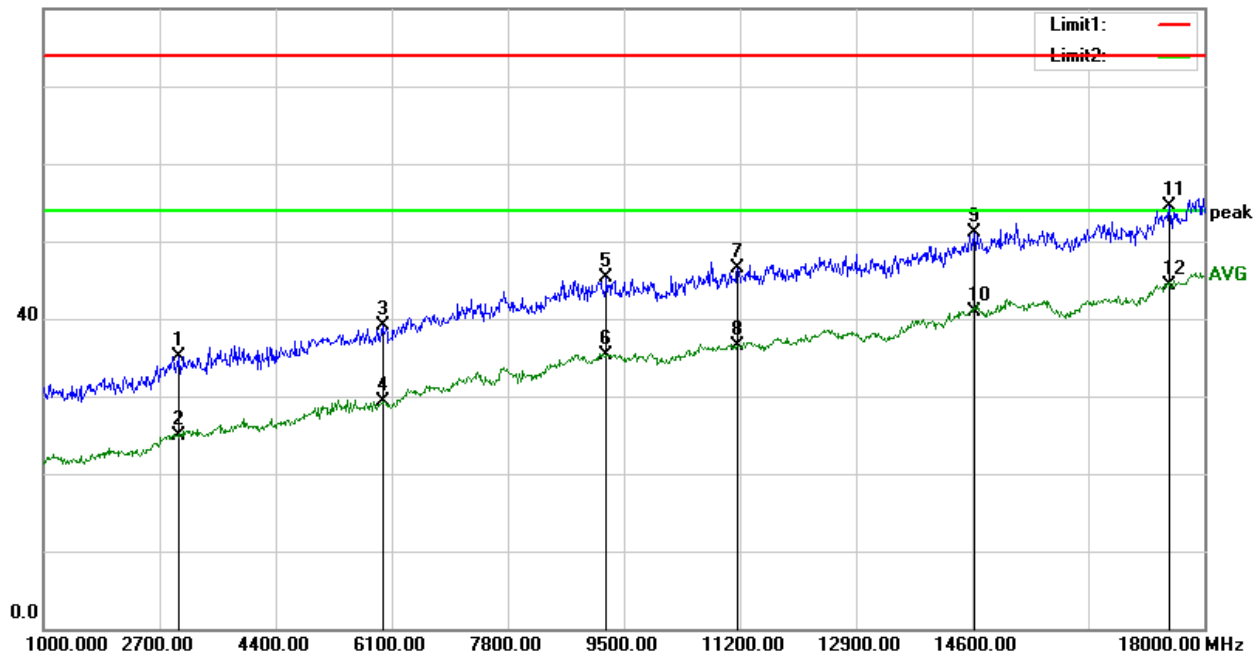
Temperature:	26.7°C	Relative Humidity:	56%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.09.02

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	2989.000	32.83	2.19	35.02	74.00	-38.98	Peak
2	2989.000	22.62	2.19	24.81	54.00	-29.19	AVG
3	5964.000	31.60	7.56	39.16	74.00	-34.84	Peak
4	5964.000	21.71	7.56	29.27	54.00	-24.73	AVG
5	9245.000	31.24	13.97	45.21	74.00	-28.79	Peak
6	9245.000	21.32	13.97	35.29	54.00	-18.71	AVG
7	11174.500	32.18	14.32	46.50	74.00	-27.50	Peak
8	11174.500	22.21	14.32	36.53	54.00	-17.47	AVG
9	14634.000	32.92	18.11	51.03	74.00	-22.97	Peak
10	14634.000	22.73	18.11	40.84	54.00	-13.16	AVG
11	17490.000	33.18	21.41	54.59	74.00	-19.41	Peak
12	17490.000	22.82	21.41	44.23	54.00	-9.77	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

80.0 dBuV/m





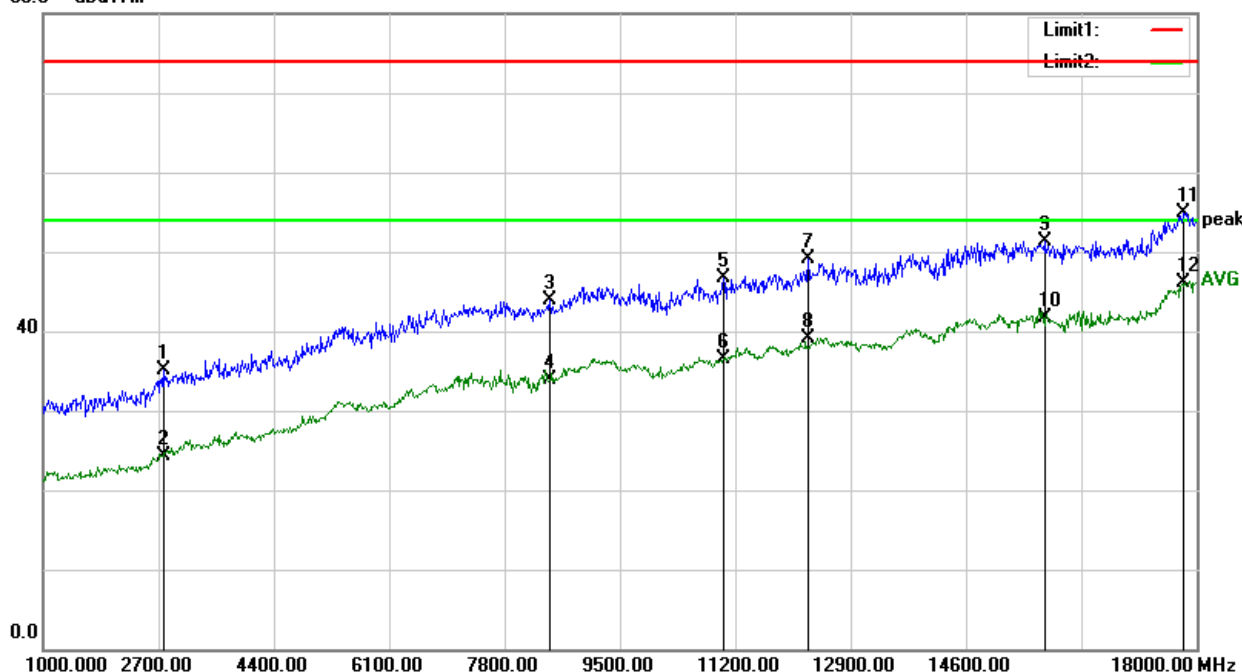
Temperature:	26.7°C	Relative Humidity:	56%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.09.02

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	2768.000	34.15	1.05	35.20	74.00	-38.80	Peak
2	2768.000	23.35	1.05	24.40	54.00	-29.60	AVG
3	8463.000	31.16	12.77	43.93	74.00	-30.07	Peak
4	8463.000	21.04	12.77	33.81	54.00	-20.19	AVG
5	11030.000	32.37	14.25	46.62	74.00	-27.38	Peak
6	11030.000	22.26	14.25	36.51	54.00	-17.49	AVG
7	12279.500	33.94	15.20	49.14	74.00	-24.86	Peak
8	12279.500	23.89	15.20	39.09	54.00	-14.91	AVG
9	15756.000	34.51	16.78	51.29	74.00	-22.71	Peak
10	15756.000	24.98	16.78	41.76	54.00	-12.24	AVG
11	17813.000	30.58	24.39	54.97	74.00	-19.03	Peak
12	17813.000	21.77	24.39	46.16	54.00	-7.84	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

80.0 dBuV/m





(18 GHz - 25GHz)

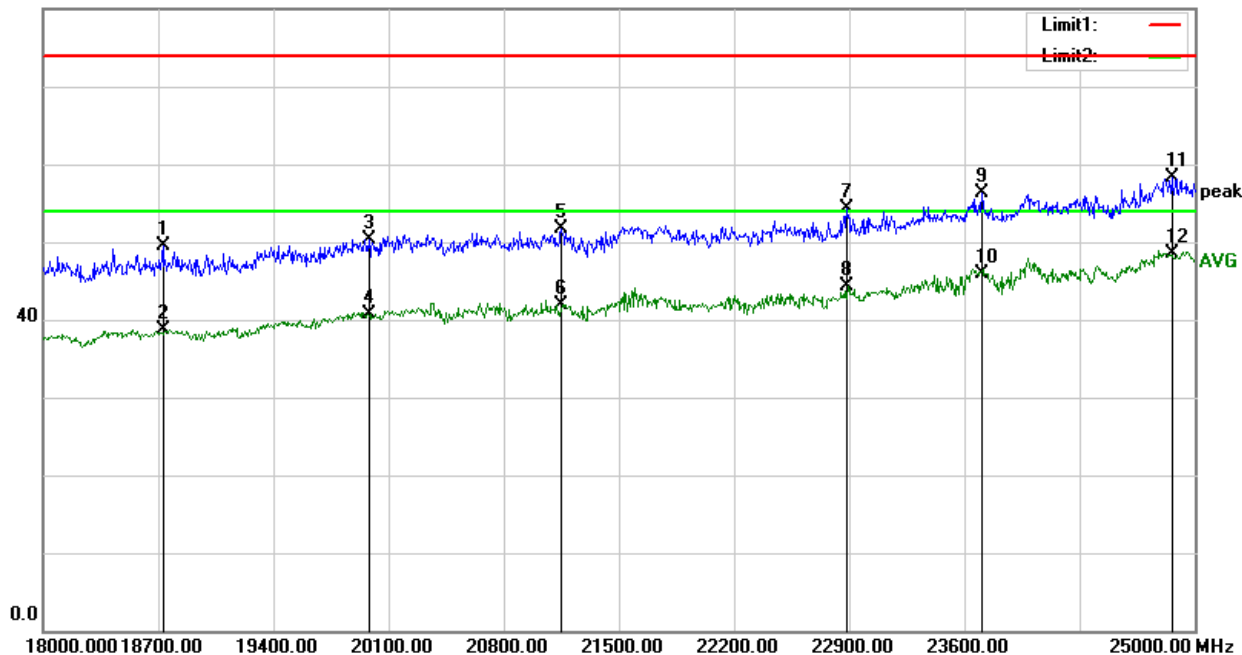
Temperature:	26.7℃	Relative Humidity:	56%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.09.02

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	19981.000	25.71	24.69	50.40	74.00	-23.60	Peak
4	19981.000	16.11	24.69	40.80	54.00	-13.20	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	22886.000	29.73	24.52	54.25	74.00	-19.75	Peak
8	22886.000	19.84	24.52	44.36	54.00	-9.64	AVG
9	23705.000	31.53	24.77	56.30	74.00	-17.70	Peak
10	23705.000	21.11	24.77	45.88	54.00	-8.12	AVG
11	24860.000	33.25	24.96	58.21	74.00	-15.79	Peak
12	24860.000	23.61	24.96	48.57	54.00	-5.43	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





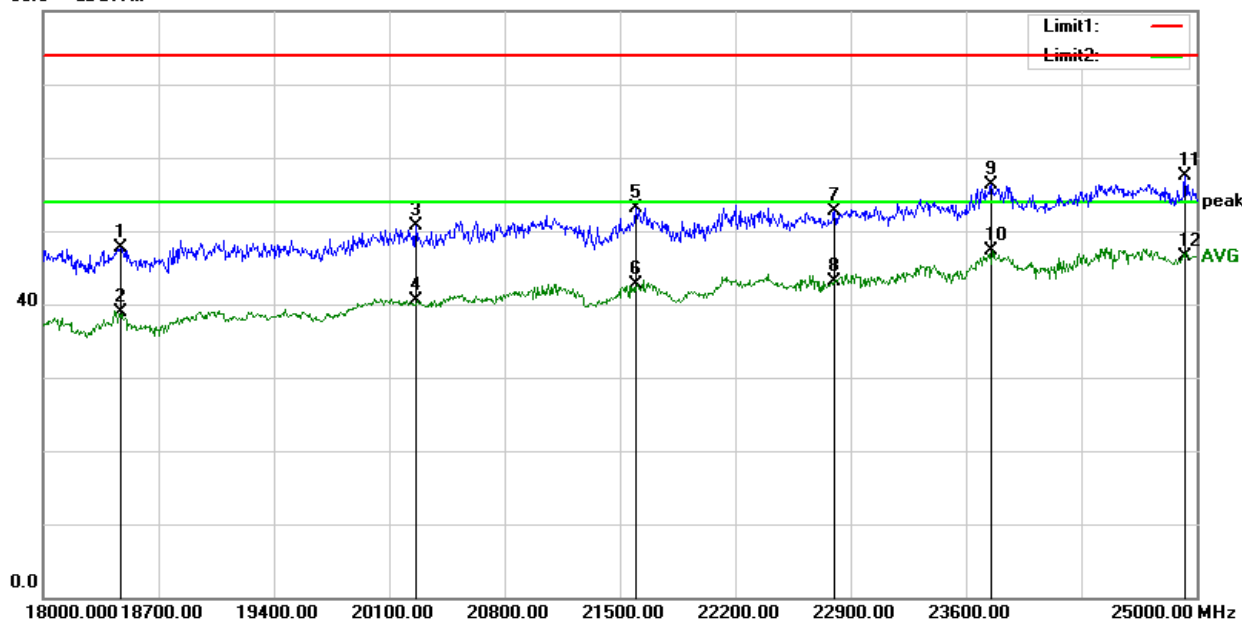
Temperature:	26.7℃	Relative Humidity:	56%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2020.09.02

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	14.19	24.80	38.99	54.00	-15.01	AVG
3	20261.000	25.88	24.80	50.68	74.00	-23.32	Peak
4	20261.000	15.74	24.80	40.54	54.00	-13.46	AVG
5	21598.000	28.49	24.71	53.20	74.00	-20.80	Peak
6	21598.000	17.95	24.71	42.66	54.00	-11.34	AVG
7	22802.000	28.26	24.50	52.76	74.00	-21.24	Peak
8	22802.000	18.59	24.50	43.09	54.00	-10.91	AVG
9	23754.000	31.51	24.79	56.30	74.00	-17.70	Peak
10	23754.000	22.43	24.79	47.22	54.00	-6.78	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

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