



FCC Part 15B TEST REPORT

Report No.: STS1908166E01

Issued for

Shanghai Unihertz E-Commerce Co., Ltd

Room 302, No. 5, Lane 59, Shennan Rd, Minhang district,
Shanghai, China 201108

Product Name:	Smart phone
Brand Name:	Unihertz
Model Name:	Titan
Series Model:	N/A
FCC ID:	2AK6CTITAN
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.

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



**TEST RESULT CERTIFICATION**

Applicant's Name : Shanghai Unihertz E-Commerce Co., Ltd
Address : Room 302, No. 5, Lane 59, Shennan Rd, Minhang district, Shanghai, China 201108

Manufacture's Name : OBLUE Communication Technology Co.,Ltd.
Address : Room 406, Hivac Building, No. 2 North keji Rd, North Hi-Tech Industry Park, Nanshan district, shenzhen, China 201108

Product Description :

Product Name : Smart phone
Brand Name : Unihertz
Model Name : Titan
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 Performance of Tests : 07 Aug. 2019~02 Sep. 2019

Date of Issue : 03 Sep. 2019

Test Result : **Pass**

Compiled by :

(Mickey Deng)

Technical Manager :

(Chopin Xiao)

Authorized Signatory :

(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	03 Sep. 2019	STS1908166E01	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)	±3.18dB
2	Conducted Emission (150KHz-30MHz)	±2.70dB
3	All emissions, radiated(<1G) 30MHz-200MHz	±3.43dB
4	All emissions, radiated(<1G) 200MHz-1000MHz	±3.57dB
5	All emissions, radiated(>1G)	±4.13dB
6	All emissions, radiated(<1G) 9KHz-30MHz	±2.50dB



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Smart phone	
Brand Name	Unihertz	
Model Name	Titan	
Series Model	N/A	
Product Differences	N/A	
Test Sample Number	190806054-1	
Product Description	<p>The EUT is a Smart phone</p> <p>Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Digital Apparatus. More details of EUT technical specification, please refer to the User's Manual.</p>	
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 Band IV: 1712.4~1752.6MHz
	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 Band 12: 699.7~715.3MHz Band 13: 779.5~784.5MHz Band 17: 706.5~713.5MHz Band 25: 1850.7~1914.3MHz Band 26: 814.7~848.3MHz Band 41: 2496~2690MHz Band 66: 2555~2655MHz
	WLAN	2.4GHz IEEE 802.11b/g/n(20MHz): 2412~2462MHz 2.4GHz IEEE 802.11n(40MHz): 2422~2452MHz 5GHz IEEE 802.11a/n/ac(20MHz): 5180~5825MHz 5GHz IEEE 802.11n/ac(40MHz): 5190~5795MHz 5GHz IEEE 802.11ac(80MHz): 5210~5775MHz
	GPS	1575.42MHz



	NFC	13.56MHz
	FM	87.5~108MHz
	Wireless Charger	110~205K
Modulation Mode	GSM	GMSK for GSM/GPRS; GMSK and 8PSK for EDGE
	WCDMA	QPSK; HSDPA:QPSK/16QAM; HSUPA:BPSK
	LTE	QPSK,16QAM
	WLAN	2.4GHz: 802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM 5GHz: 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
	Bluetooth	BT(1Mbps): GFSK BT EDR(2Mbps): π/4-DQPSK BT EDR(3Mbps): 8DPSK
	BLE	GFSK
	GPS	BPSK
	NFC	ASK
	FM	FM
	Wireless Charger	GFSK
Power Source	Input: 100-240v-50/60Hz 0.6A Output: 5V 2A, 7V 2A, 9V 2A, 12V 1.5A	
Battery	Rated Voltage: 3.85V Charge Limit: 4.4V Capacity: 6000mAh	
Hardware Version Number	G61_V2.0	
Software Version Number	Titan_20190629	

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	PC + USB Transmission + SD Card
Mode 2	Charging + Audio + Video + Earphone
Mode 3	Charging + FM

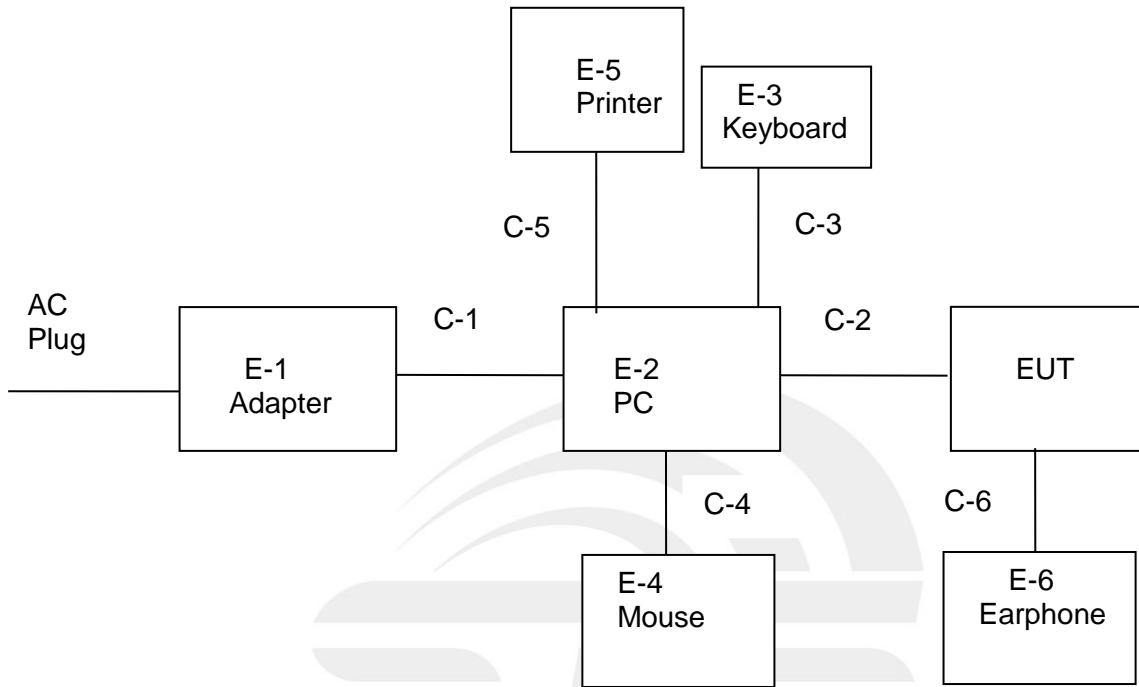
For Conducted Test	
Final Test Mode	Description
Mode 1	PC + USB Transmission + SD Card

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

NOTE:

1. The test modes were carried out for all operation modes. Only worst case will be show in this report.
2. We have be 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	Unihertz	Titan

Auxiliary equipment

Item	Equipment	Mfr/Brand	Model/Type No.
E-1	Adapter	HP	HSTNN-CA15
E-2	PC	HP	500-320cx
E-3	Keyboard	DELL	SK-820
E-4	Mouse	DELL	MS111-L
E-5	Printer	HP	HP Laser Jet 1020 plus

Cable

Item	Type	Shielded Type	Ferrite Core	Length
C-1	N/A	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
C-6	N/A	Unshielded	NO	110cm

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.



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	2018.10.13	2019.10.12
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-18 G)	SKET	LNPA-01018G-45	SK2018080901	2018.10.13	2019.10.12
Pre-amplifier(0.1M-3 GHz)	EM	EM330	060665	2018.10.13	2019.10.12
Spectrum Analyzer	Agilent	N9020A	MY49100060	2018.10.13	2019.10.12
RE Cable (9K-1G)	N/A	R01	N/A	2018.10.13	2019.10.12
RE Cable (1G-18G)	N/A	R02	N/A	2018.10.13	2019.10.12
Temperature & Humidity	Mieo	HH660	N/A	2018.10.11	2019.10.10
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	2018.10.13	2019.10.12
LISN	R&S	ENV216	101242	2018.10.11	2019.10.10
LISN	ETS	3810/2NM	00023625	2018.10.11	2019.10.10
Absorbing Clamp	R&S	MDS-21	100668	2018.10.17	2019.10.16
CE Cable	N/A	C01	N/A	2018.10.13	2019.10.12
Temperature & Humidity	Mieo	HH660	N/A	2018.10.11	2019.10.10
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

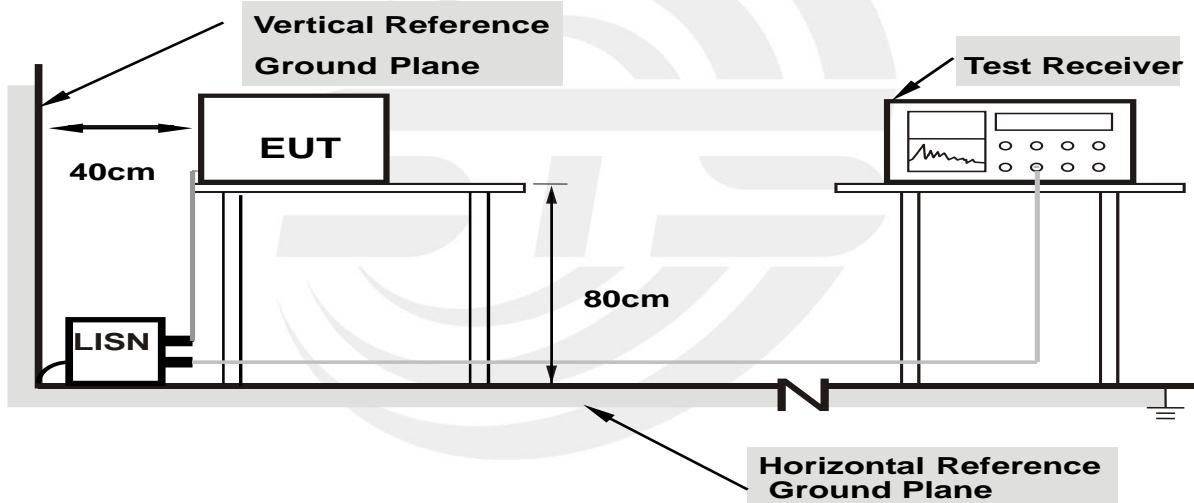
3.1.2 TEST PROCEDURE

- a. The EUT was 0.8 meters from the horizontal ground plane and 0.4 meters from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN 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 cm 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

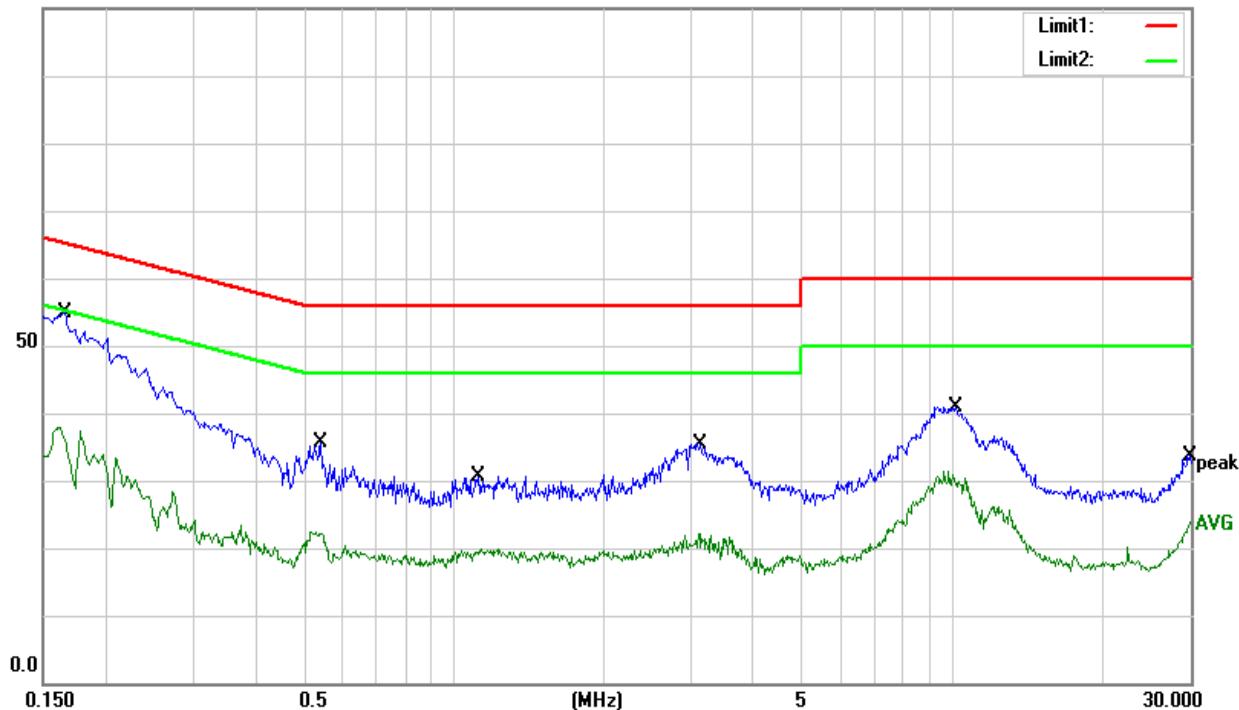
Temperature:	24.6°C	Relative Humidity:	67%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1660	35.23	19.76	54.99	65.16	-10.17	QP
2	0.1660	18.24	19.76	38.00	55.16	-17.16	AVG
3	0.5420	15.76	19.95	35.71	56.00	-20.29	QP
4	0.5420	2.49	19.95	22.44	46.00	-23.56	AVG
5	1.1220	10.86	19.75	30.61	56.00	-25.39	QP
6	1.1220	0.10	19.75	19.85	46.00	-26.15	AVG
7	3.1220	15.65	19.75	35.40	56.00	-20.60	QP
8	3.1220	2.48	19.75	22.23	46.00	-23.77	AVG
9	10.1420	20.85	20.11	40.96	60.00	-19.04	QP
10	10.1420	11.35	20.11	31.46	50.00	-18.54	AVG
11	29.8460	13.67	20.07	33.74	60.00	-26.26	QP
12	29.8460	3.91	20.07	23.98	50.00	-26.02	AVG

Remark:

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

100.0 dBuV



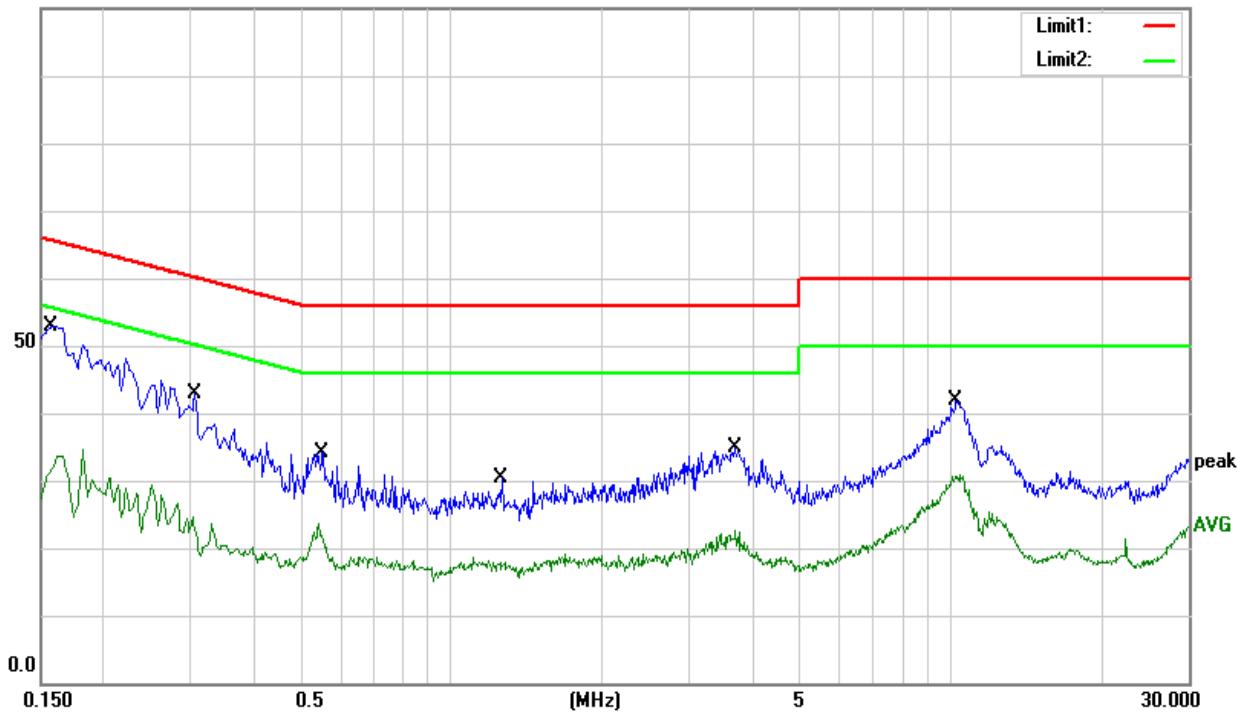
Temperature:	24.6°C	Relative Humidity:	67%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz		

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1580	33.16	19.74	52.90	65.57	-12.67	QP
2	0.1580	14.83	19.74	34.57	55.57	-21.00	AVG
3	0.3060	22.60	20.23	42.83	60.08	-17.25	QP
4	0.3060	6.29	20.23	26.52	50.08	-23.56	AVG
5	0.5500	14.33	19.91	34.24	56.00	-21.76	QP
6	0.5500	3.69	19.91	23.60	46.00	-22.40	AVG
7	1.2660	10.61	19.77	30.38	56.00	-25.62	QP
8	1.2660	-0.59	19.77	19.18	46.00	-26.82	AVG
9	3.6860	14.91	19.87	34.78	56.00	-21.22	QP
10	3.6860	2.71	19.87	22.58	46.00	-23.42	AVG
11	10.2460	21.94	19.84	41.78	60.00	-18.22	QP
12	10.2460	11.02	19.84	30.86	50.00	-19.14	AVG

Remark:

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

100.0 dBuV



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



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 (dB μ V/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 (dB μ V/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) = $20\log$ 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. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 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.

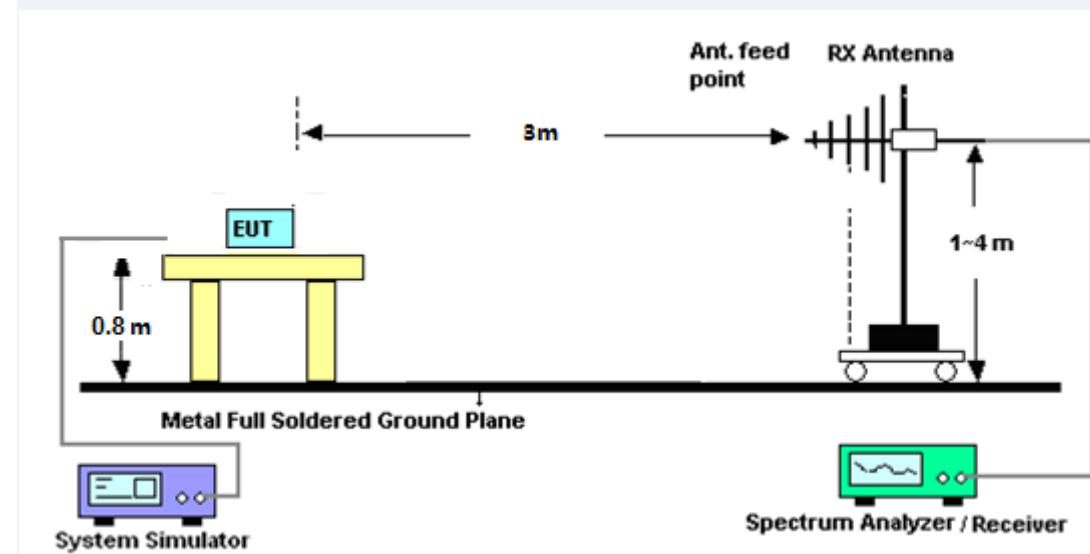
Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

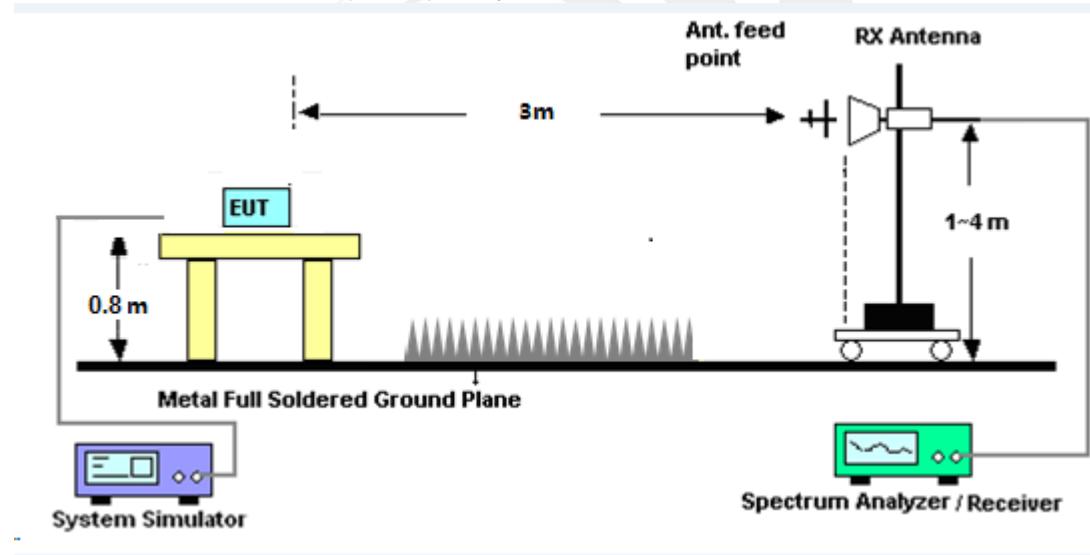
No deviation

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

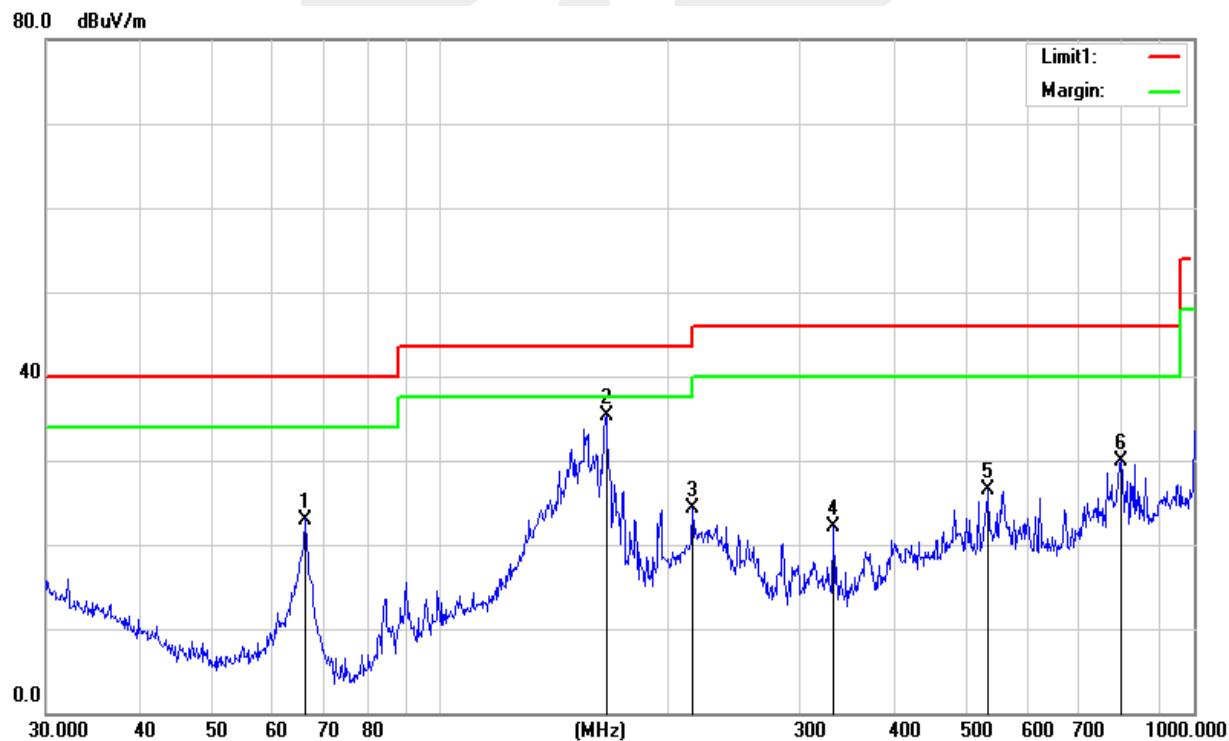
30MHz -1000MHz

Temperature:	25.3°C	Relative Humidity:	54%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz		

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	66.2660	48.92	-25.92	23.00	40.00	-17.00	QP
2	166.0680	55.20	-19.89	35.31	43.50	-8.19	QP
3	216.0240	45.32	-21.03	24.29	46.00	-21.71	QP
4	332.5187	37.70	-15.69	22.01	46.00	-23.99	QP
5	531.9633	37.05	-10.53	26.52	46.00	-19.48	QP
6	801.7862	35.59	-5.78	29.81	46.00	-16.19	QP

Remark:

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



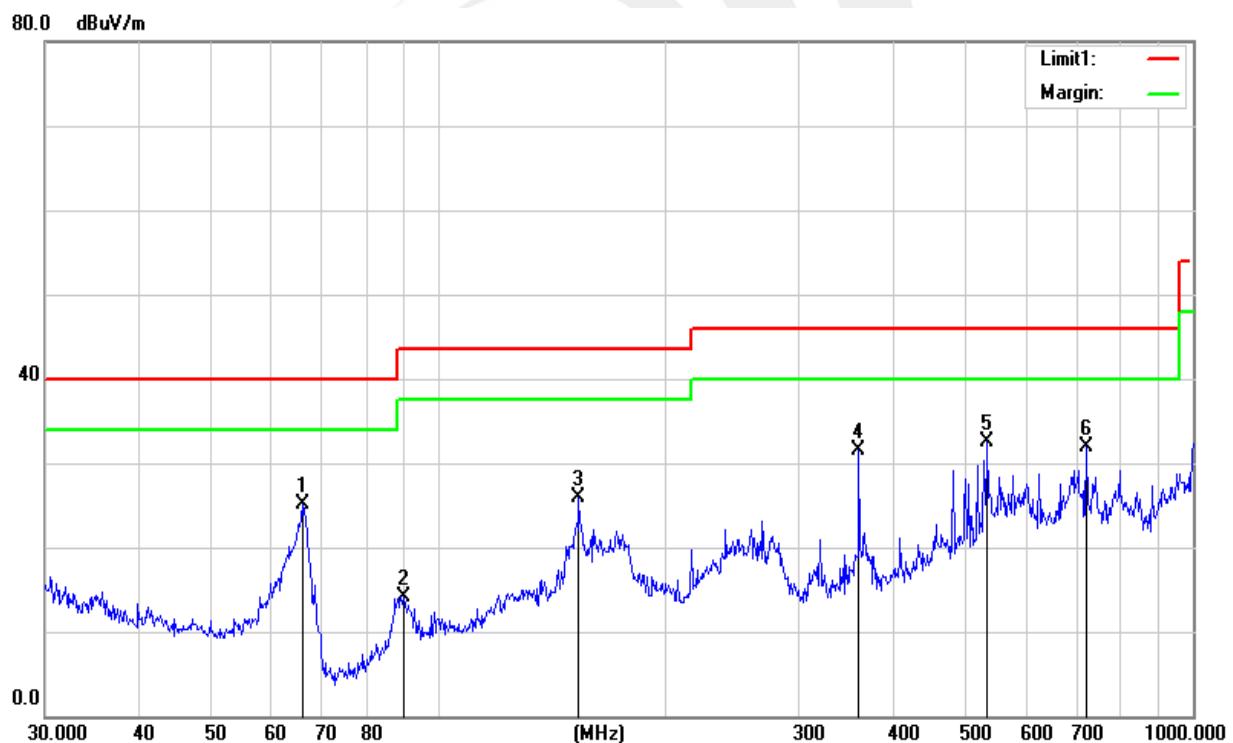


Temperature:	25.3°C	Relative Humidity:	54%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	65.8031	50.46	-25.34	25.12	40.00	-14.88	QP
2	89.5900	35.87	-21.78	14.09	43.50	-29.41	QP
3	153.2004	45.76	-19.86	25.90	43.50	-17.60	QP
4	360.4476	46.87	-15.30	31.57	46.00	-14.43	QP
5	533.8320	42.68	-10.10	32.58	46.00	-13.42	QP
6	721.7260	39.26	-7.44	31.82	46.00	-14.18	QP

Remark:

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





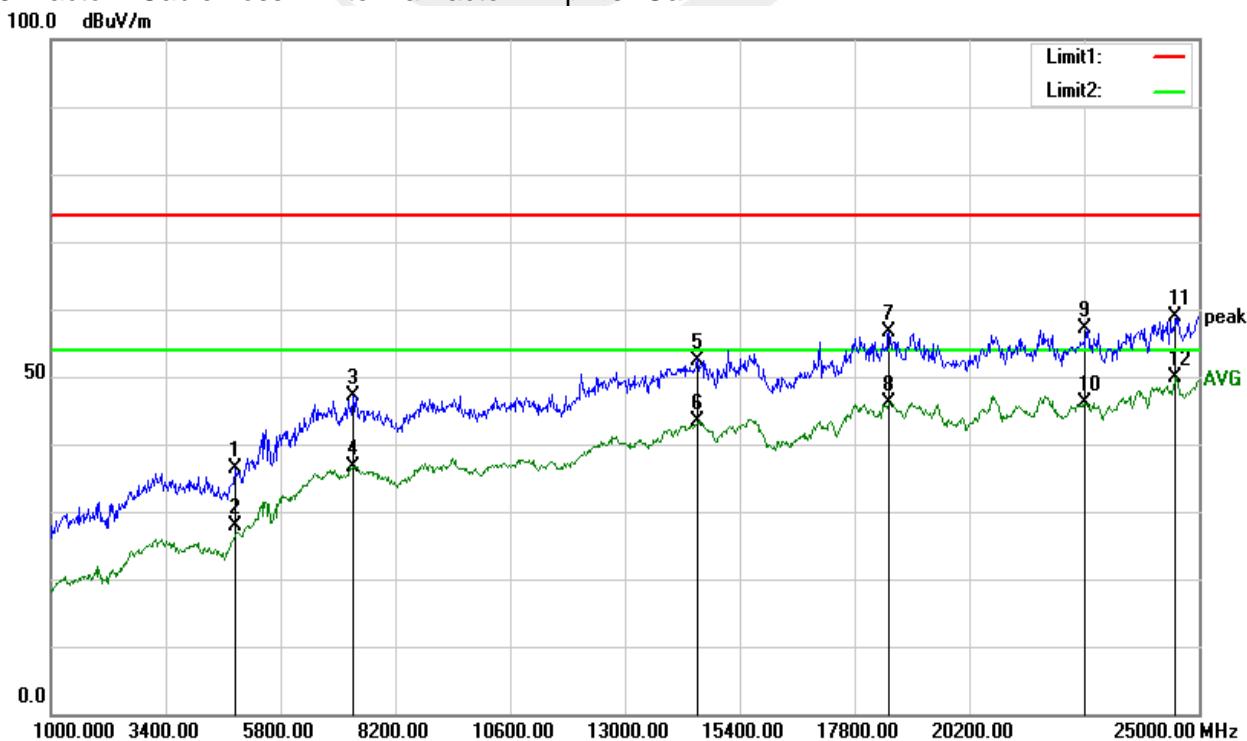
(1 GHz to 25GHz.)

Temperature:	25.3°C	Relative Humidity:	59%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz		

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
			(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dB)
1	4840.000	30.92	5.56	36.48	74.00	-37.52	peak
2	4840.000	22.23	5.56	27.79	54.00	-26.21	AVG
3	7312.000	35.67	11.50	47.17	74.00	-26.83	peak
4	7312.000	25.20	11.50	36.70	54.00	-17.30	AVG
5	14512.000	5.28	47.22	52.50	74.00	-21.50	peak
6	14512.000	-3.83	47.22	43.39	54.00	-10.61	AVG
7	18520.000	2.53	54.20	56.73	74.00	-17.27	peak
8	18520.000	-7.97	54.20	46.23	54.00	-7.77	AVG
9	22600.000	2.18	54.85	57.03	74.00	-16.97	peak
10	22600.000	-8.70	54.85	46.15	54.00	-7.85	AVG
11	24496.000	3.45	55.42	58.87	74.00	-15.13	peak
12	24496.000	-5.45	55.42	49.97	54.00	-4.03	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





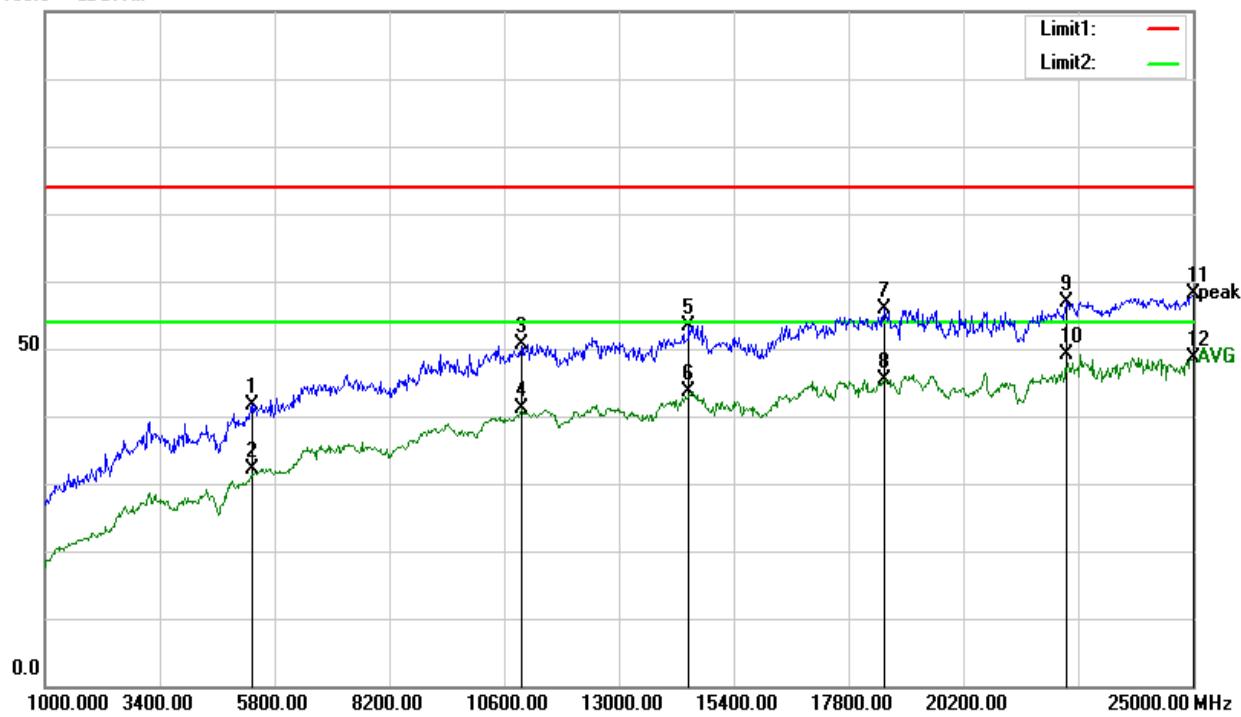
Temperature:	25.3°C	Relative Humidity:	59%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz		

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5344.000	34.83	6.84	41.67	74.00	-32.33	peak
2	5344.000	25.41	6.84	32.25	54.00	-21.75	AVG
3	10960.000	36.61	14.10	50.71	74.00	-23.29	peak
4	10960.000	26.95	14.10	41.05	54.00	-12.95	AVG
5	14464.000	6.25	47.20	53.45	74.00	-20.55	peak
6	14464.000	-3.47	47.20	43.73	54.00	-10.27	AVG
7	18544.000	1.59	54.22	55.81	74.00	-18.19	peak
8	18544.000	-8.88	54.22	45.34	54.00	-8.66	AVG
9	22360.000	2.11	54.85	56.96	74.00	-17.04	peak
10	22360.000	-5.74	54.85	49.11	54.00	-4.89	AVG
11	25000.000	2.66	55.43	58.09	74.00	-15.91	peak
12	25000.000	-6.88	55.43	48.55	54.00	-5.45	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

100.0 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 detector mode of the emission shown in Actual FS column.

*****END OF THE REPORT*****

