RF Test Report

Applicant	:	Mobilehelp, LLC
Product Type	:	Cellular Base Station Gen5.0
Trade Name	:	MobileHelp
Model Number	:	CBS5-02
Test Specification	:	FCC 47 CFR PART 15 SUBPART C ANSI C63.10:2013
Receive Date	:	May 25, 2018
Test Period	:	Jun. 07 ~ Jul. 03, 2018
Issue Date	:	Aug. 21, 2018

Issue by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330
Test Firm MRA designation number: TW0010

Revision History

Rev.	Issue Date	Revisions	Revised By
00	Aug. 06, 2018	Initial Issue	Nina Lin
01	Aug. 21, 2018	Revised report information	Nina Lin

Verification of Compliance

Issued Date: Aug. 21, 2018

Applicant	:	Mobilehelp, LLC
Product Type	:	Cellular Base Station Gen5.0
Trade Name	:	MobileHelp
Model Number	:	CBS5-02
FCC ID	:	PXTCBS5-02
EUT Rated Voltage	:	DC 5.0V, 2000mA
Test Voltage	:	120 Vac / 60 Hz
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART C ANSI C63.10:2013
Test Result	:	Complied
Performing Lab.	:	A Test Lab Techno Corp. No. 140-1, Changan Street, Bade District, Taoyuan City 33465, Taiwan (R.O.C) Tel：+886-3-2710188 / Fax：+886-3-2710190 Taiwan Accreditation Foundation accreditation number: 1330 http://www.atl-lab.com.tw/e-index.htm

A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By	:	Fly Lu	Reviewed By	:	Eric Ou Yang
(Manager)		(Fly Lu)	(Testing Engineer)		(Eric Ou Yang)

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1 General Information

1.1 Summary of Test Result

Reference 47 CFR Part 15.231	Test	Results	Remark
15.207(a)	Conducted Emissions Voltage	PASS	---
15.231(e)	Radiated Emission Limits	PASS	---
15.231	Duration of transmission	PASS	---
15.231(c)	Bandwidth measurement	PASS	---

The test results of this report relate only to the tested sample(s) identified in this report. Manufacturer or whom it may concern should recognize the pass or fail of the test result.

1.2 Measurement Uncertainty

Test Item	Frequency Range	Uncertainty
Conducted Emission	9kHz ~ 150KHz	2.7
	150kHz ~ 30MHz	2.7
Radiated Emission	9kHz ~ 30MHz	1.7
	30MHz ~ 1000MHz	5.7
	1000MHz ~ 18000MHz	5.5
	18000MHz ~ 26500MHz	4.8
	26500MHz ~ 40000MHz	4.8
RF Bandwidth		4.96%
Frequency Stability		+ 2.212 x 10-7% / - 2.170 x 10-7

2 EUT Description

Applicant	Mobilehelp, LLC 3701 FAU Blvd., Suite 300, Boca Raton, FL 33431, United States
Manufacturer	Daviscomms (Malaysia) Sdn Bhd Plot 324A,Lorong Perindustrian Bukit Minyak 20, MK13,Penang Science Park, 14100 Simpang Ampat, Pulau Pinang.
Product	Cellular Base Station Gen5.0
Trade Name	MobileHelp
Model Number	CBS5-02
FCC ID	PXTCBS5-02
Frequency Range	433.92 MHz
Modulation Type	ASK
Number of Channels	1 Channel
Antenna Type	PCB Antenna
Antenna Max. Gain	-4.23dBi
Operate Temp. Range	-10 ~ +50 ℃

3 Test Methodology

3.1. Mode of Operation

The following test mode(s) were scanned during the preliminary test：

Pre-Test Mode
Mode 1: Transmit Mode
Mode 2: Continuous TX Mode

ATL has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation.

Note: Battery (Shinergy (Far East) Co.,Ltd. / BAT-000010-1-0) is worst case.

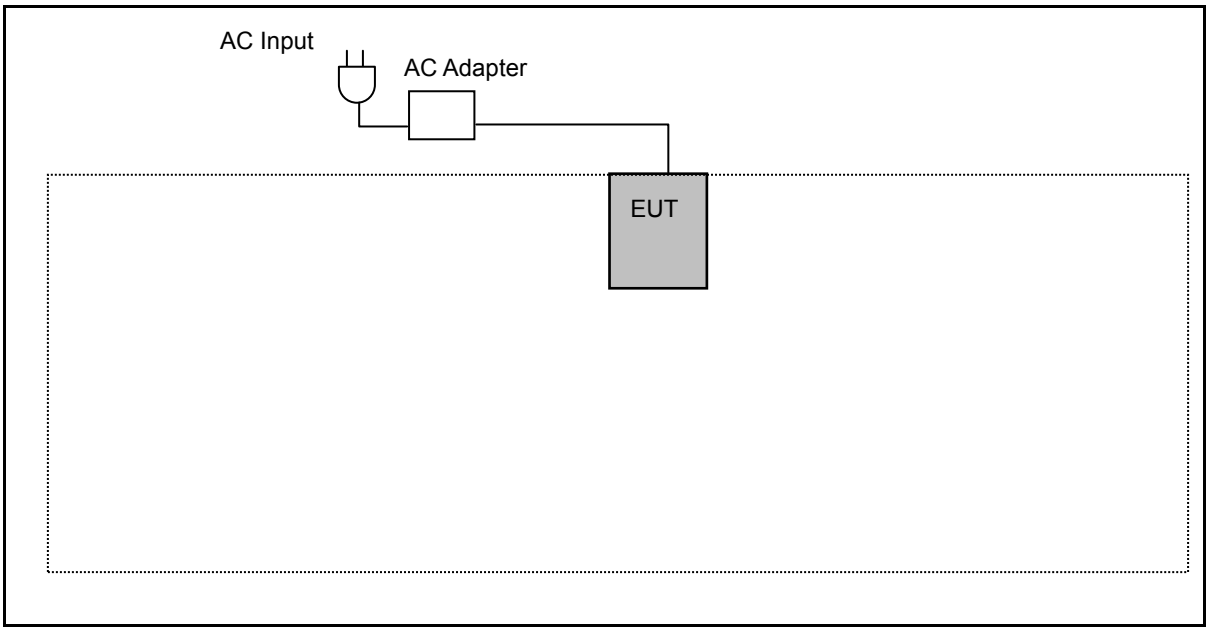
3.2. EUT Exercise Software

1.	Setup the EUT shown on “Configuration of Test System Details”.
2.	Turn on the power of all equipment.
3.	The EUT will start to operate function.

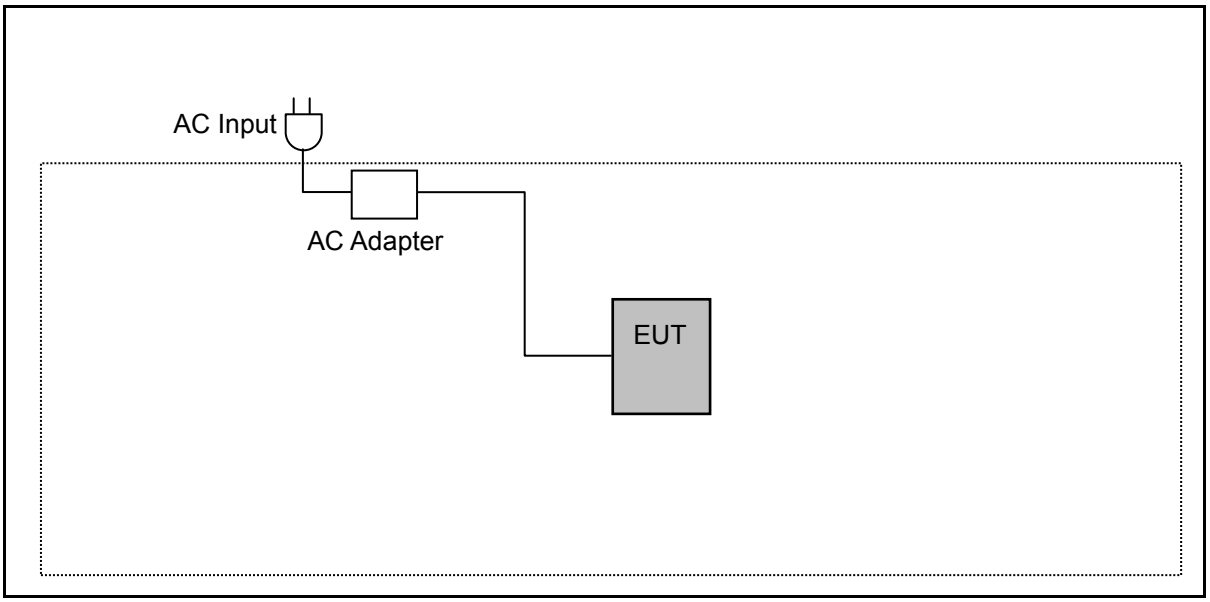
Measurement Software	
1	EZ-EMC Ver. ATL-03A1-1
2	EZ-EMC Ver ATL-ITC-3A1-1

3.3. Configuration of Test System Details

Conducted Emission



Radiated Emission



Devices Description					
Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	---	---	---	---	---

3.4. Test Instruments

For Conducted Emission

Test Period: Jun. 07, 2018

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
EMI Test Receiver	R&S	ESCI	101000	12/18/2017	1 year
LISN	R&S	ENV216	101040	04/11/2018	1 year
LISN	R&S	ENV216	101041	03/23/2018	1 year

For Radiated Emissions

Test Period: Jun. 28, 2018

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
EXA Signal Analyzer	Keysight	N9010A	MY52221312	01/15/2018	1 year
Amplifier	Agilent	8449B	3008A02237	10/16/2017	1 year
Amplifier	Agilent	8447D	2944A11119	01/10/2018	1 year
Broadband Antenna	Schwarzbeck	VULB9168	416	10/26/2017	1 year
Horn Antenna (1~18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/22/2018	1 year

For Conducted

Test Period: Jul. 03, 2018

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Spectrum Analyzer (20Hz~26.5GHz)	Agilent	N9020A	US47520902	09/21/2017	1 year

Note: N.C.R. = No Calibration Request.

3.5. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	60
Barometric pressure (mbar)	860-1060	950

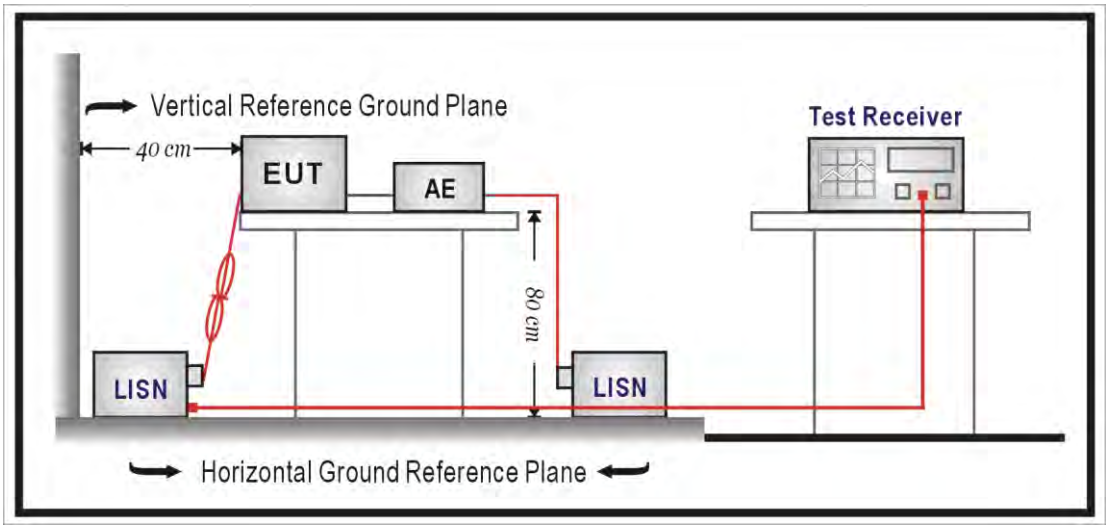
4 Measurement Procedure

4.1. AC Power Line Conducted Emission Measurement

■ **Limit**

Frequency (MHz)	Quasi-peak	Average
0.15 - 0.5	66 to 56	56 to 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

■ **Test Setup**



Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50Ω// 50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50Ω// 50uH coupling impedance with 50ohm termination.

Tabletop device shall be placed on a non-conducting platform, of nominal size 1 m by 1.5 m, raised 80 cm above the reference ground plane. The wall of screened room shall be located 40cm to the rear of the EUT. Other surfaces of tabletop or floor standing EUT shall be at least 80cm from any other ground conducting surface including one or more LISNs. For floor-standing device shall be placed under the EUT with a 12mm insulating material.

Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a resolution bandwidth of 9 kHz. The equipment under test (EUT) shall be meet the limits in section 4.1, as applicable, including the average limit and the quasi-peak limit when using respectively, an average detector and quasi-peak detector measured in accordance with the methods described of related standard. When all of peak value were complied with quasi-peak and average limit from 150kHz to 30MHz then quasi-peak and average measurement was unnecessary.

The AMN shall be placed 0,8 m from the boundary of the unit under test and bonded to a ground reference plane for AMNs mounted on top of the ground reference plane. This distance is between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment shall be at least 0,8 m from the AMN. If the mains power cable is longer than 1m then the cable shall be folded back and forth at the centre of the lead to form a bundle no longer than 0.4m. All of interconnecting cables that hang closer than 40cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long. All of EUT and AE shall be separate place more than 0.1m. All 50 Ω ports of the LISN shall be resistively terminated into 50 Ω loads when not connected to the measuring instrument.

If the reading of the measuring receiver shows fluctuations close to the limit, the reading shall be observed for at least 15 s at each measurement frequency; the higher reading shall be recorded with the exception of any brief isolated high reading which shall be ignored.

4.2. Radiated Emission Measurement

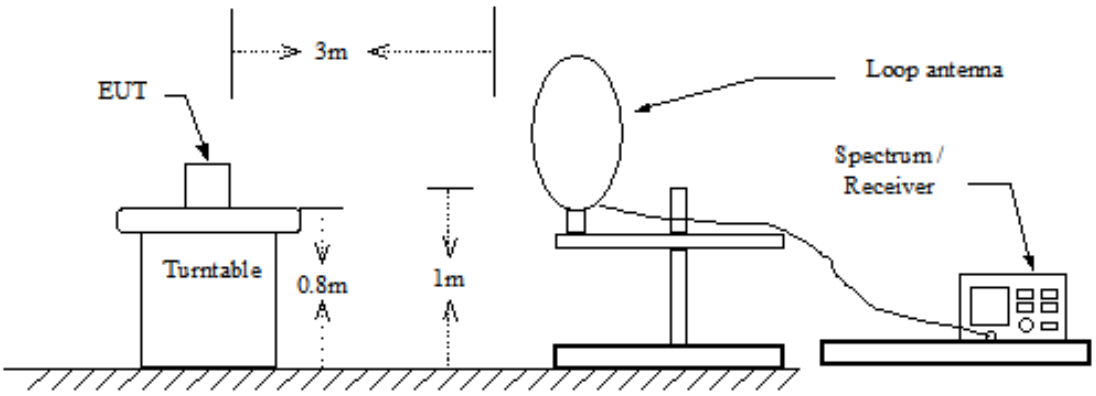
■ Limit

According to §15.231 (e) Intentional radiators may operate at a periodic rate exceeding that specified in paragraph (a) of this section and may be employed for any type of operation, including operation prohibited in paragraph (a) of this section, provided the intentional radiator complies with the provisions of paragraphs (b) through (d) of this section, except the field strength table in paragraph (b) of this section is replaced by the following: Linear interpolations.

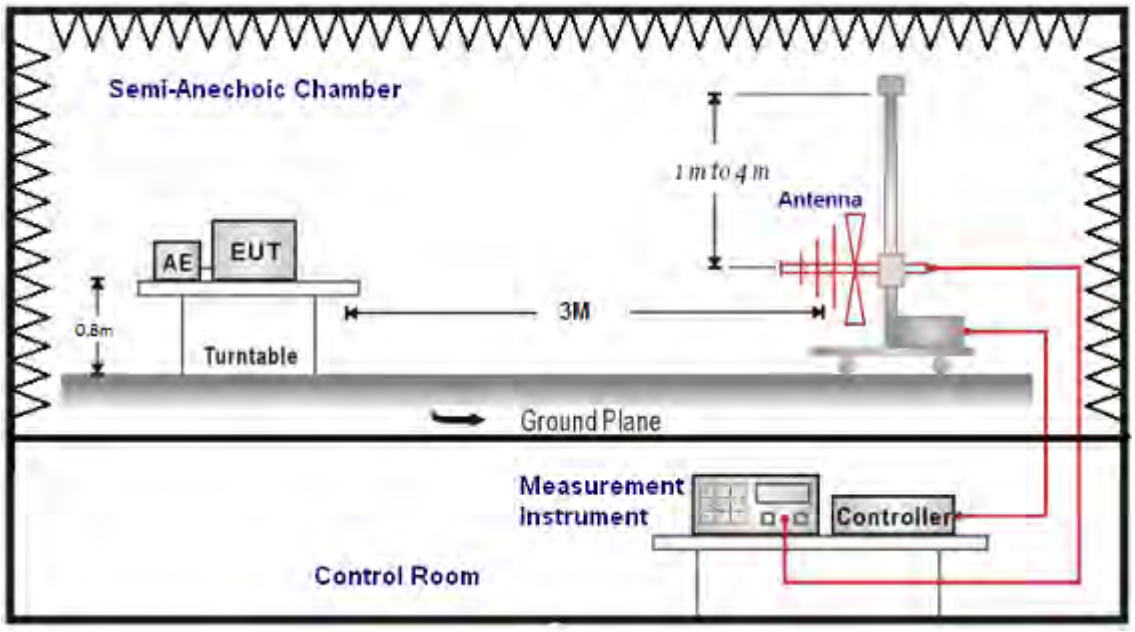
Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emission (microvolts/meter)
40.66-40.70	1,000	100
70-130	500	50
130-174	500 to 1,500[1]	50 to 150[1]
174-260	1,500	150
260-470	1,500 to 5,000[1]	150 to 500[1]
Above 470	5,000	500

■ Setup

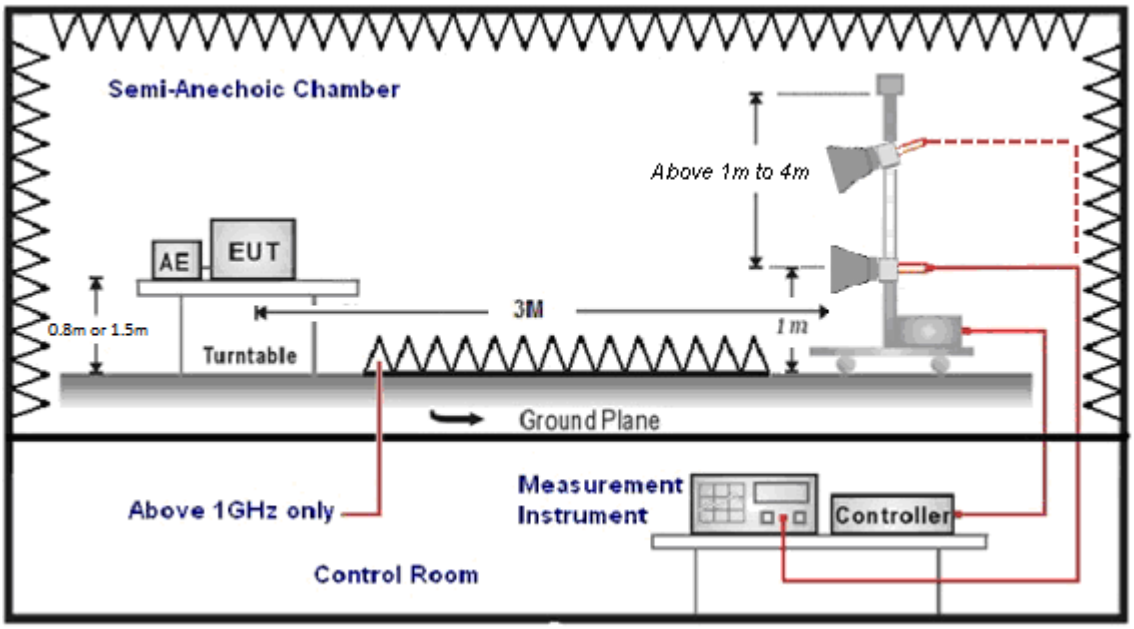
9kHz ~ 30MHz



Below 1GHz



Above 1GHz



■ Test Procedure

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 or 1.5 meters height, top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to transmit continuously & Measurements spectrum range from 9 kHz to 26.5 GHz is investigated.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements when Duty cycle >98% / 1/T for average measurements when Duty cycle <98%. A nonconductive material surrounded the EUT to supporting the EUT for standing on tree orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.

SCHWARZBECK MESS-ELEKTRONIK Biconilog Antenna at 3 Meter and the SCHWARZBECK Double Ridged Guide Antenna was used in frequencies 1 – 26.5 GHz at a distance of 1 meter. All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20dB/decade).

For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post – detector video filters were used in the test.

The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.

The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in micro volts pre meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro colts per meter (dBuV/m).

The actual field is intensity in referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

(1) Amplitude (dBuV/m) = FI (dBuV) +AF (dBuV) +CL (dBuV)-Gain (dB)
FI= Reading of the field intensity.
AF= Antenna factor.
CL= Cable loss.
P.S Amplitude is auto calculate in spectrum analyzer.

(2) Actual Amplitude (dBuV/m) = Amplitude (dBuV)-Dis(dB)
The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:
(a) For fundamental frequency : Transmitter Output < +30dBm
(b) For spurious frequency : Spurious emission limits = fundamental emission limit /10

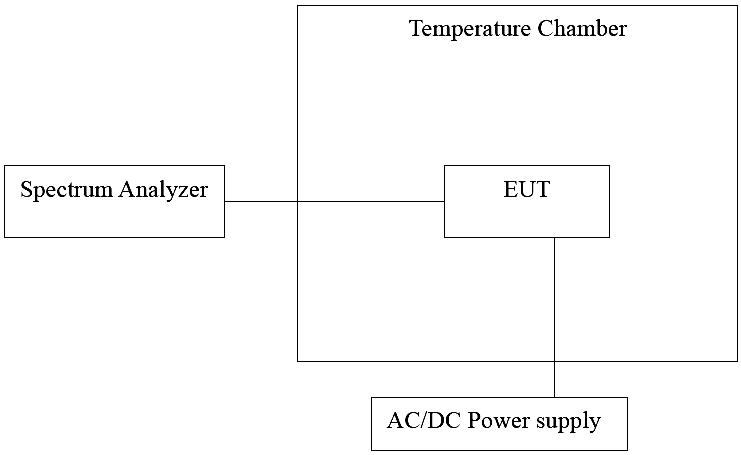
Data of measurement within this frequency range without mark in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

4.3. Duration of transmission

■ Limit

In addition, devices operated under the provisions of this paragraph shall be provided with a means for automatically limiting operation so that the duration of each transmission shall not be greater than one second and the silent period between transmissions shall be at least 30 times the duration of the transmission but in no case less than 10 seconds.

■ Test Setup



■ Test Procedure

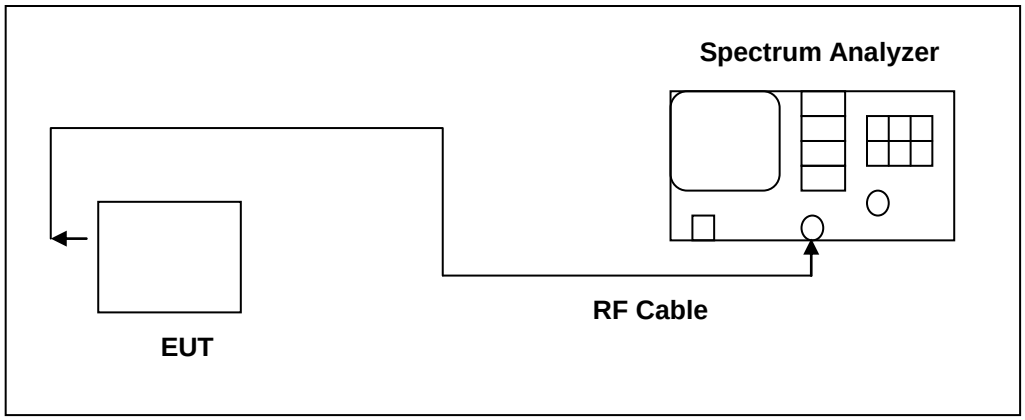
1. Place the EUT on the table and set it in the transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the environment into appropriate environment.
4. Set the spectrum analyzer as RBW=100kHz, VBW = RBW, Span = 0Hz, Sweep = 12S.
5. Mark the peak frequency and measure the frequency tolerance using frequency counter function.
6. Repeat until all the results are investigated.

4.4. Bandwidth measurement

■ Limit

According to §15.231 (c) The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

■ Test Setup



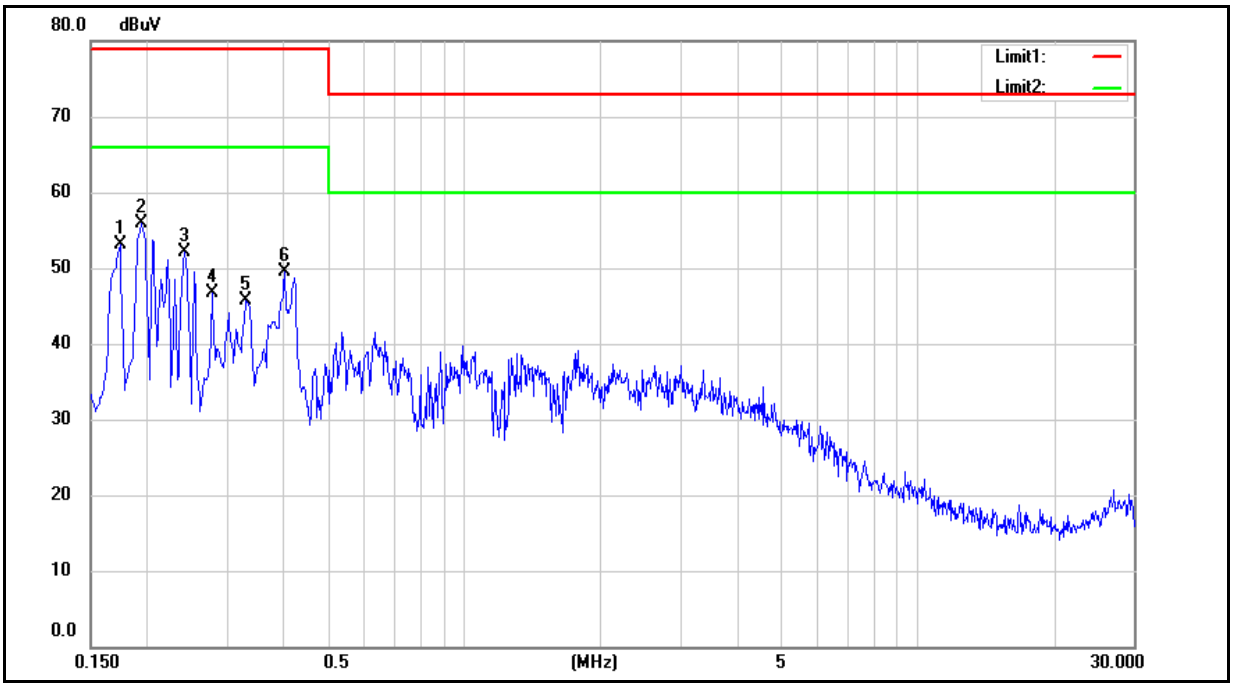
■ Test Procedure

1. Place the EUT on the table and set it in the transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the environment into appropriate environment.
4. Set the spectrum analyzer as RBW=10kHz, VBW = 30KHz, Span = 1MHz, Sweep = 12.4ms.
5. Mark the peak frequency and measure the frequency tolerance using frequency counter function.
6. Repeat until all the results are investigated.

5 Test Results

Annex A. Conducted Emission

Standard:	FCC Part 15.231	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Description:			

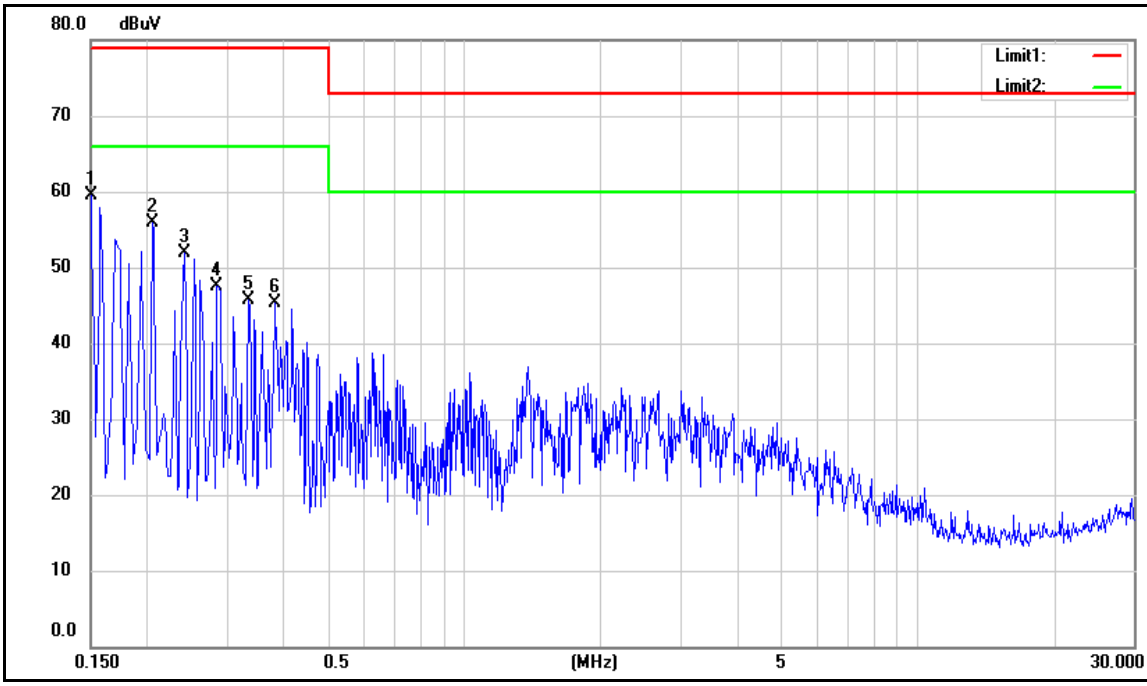


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1740	40.31	18.35	9.60	49.91	27.95	79.00	66.00	-29.09	-38.05	Pass
2	0.1940	39.14	19.30	9.60	48.74	28.90	79.00	66.00	-30.26	-37.10	Pass
3	0.2420	34.24	15.74	9.60	43.84	25.34	79.00	66.00	-35.16	-40.66	Pass
4	0.2780	29.94	16.80	9.60	39.54	26.40	79.00	66.00	-39.46	-39.60	Pass
5	0.3300	28.46	17.69	9.59	38.05	27.28	79.00	66.00	-40.95	-38.72	Pass
6	0.4020	36.88	27.17	9.60	46.48	36.77	79.00	66.00	-32.52	-29.23	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

Standard:	FCC Part 15.231	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	43.70	16.17	9.70	53.40	25.87	79.00	66.00	-25.60	-40.13	Pass
2	0.2060	37.00	12.32	9.70	46.70	22.02	79.00	66.00	-32.30	-43.98	Pass
3	0.2420	33.86	9.10	9.70	43.56	18.80	79.00	66.00	-35.44	-47.20	Pass
4	0.2860	32.59	9.89	9.70	42.29	19.59	79.00	66.00	-36.71	-46.41	Pass
5	0.3340	27.60	9.03	9.70	37.30	18.73	79.00	66.00	-41.70	-47.27	Pass
6	0.3820	26.82	12.81	9.71	36.53	22.52	79.00	66.00	-42.47	-43.48	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

Annex B. Conducted Test Results

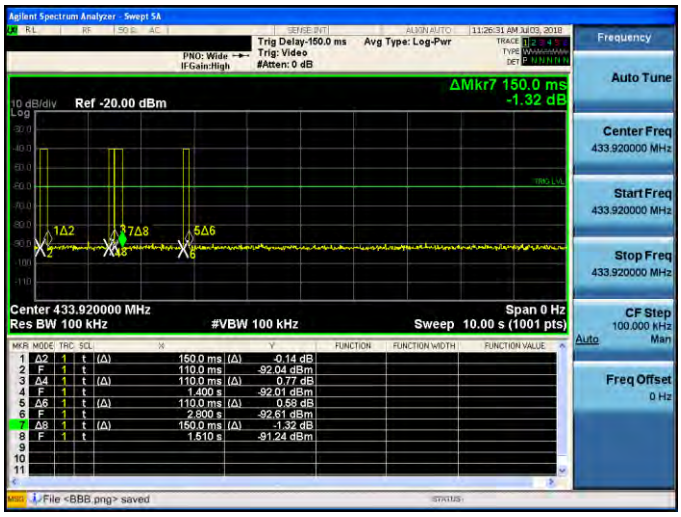
Duration of transmission

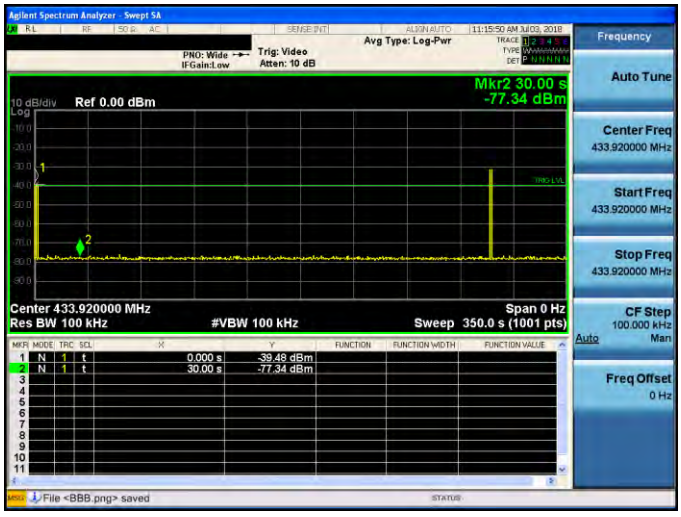
Test Mode	Mode 2			
Frequency (MHz)	Duration Time		Silent Time	
	Results (ms)	Limit (s)	Results (ms)	Limit (s)
433.92	520	≦1	Pass	≧10 or 30 * Duration Time

Note 1：Duration time=total sum tx on time is 520 ms(150ms+110ms+110ms+150ms)

Note 2：Silent Time Limit (s) = 30 * Duration Time (ms) = 30 * 520 (ms) = 15.6 (s)

■ **Test Graphs**

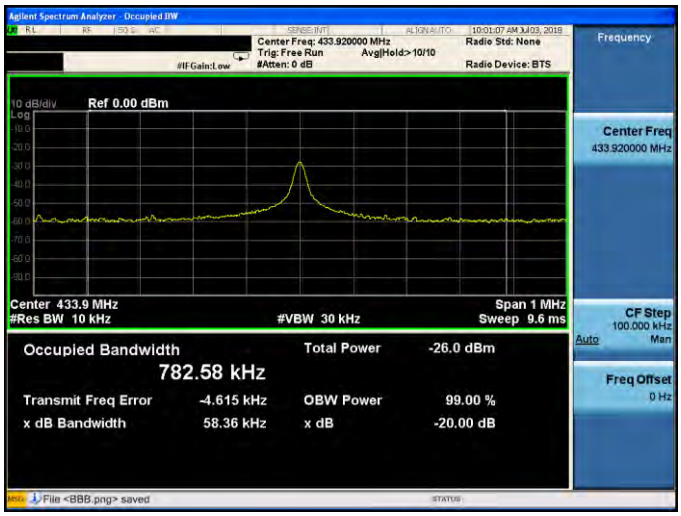




Bandwidth measurement

Test Mode	Mode 2		
Frequency (MHz)	Bandwidth Emission (KHz)	Limit (KHz)	Result
433.92	58.36	1084.8	Pass

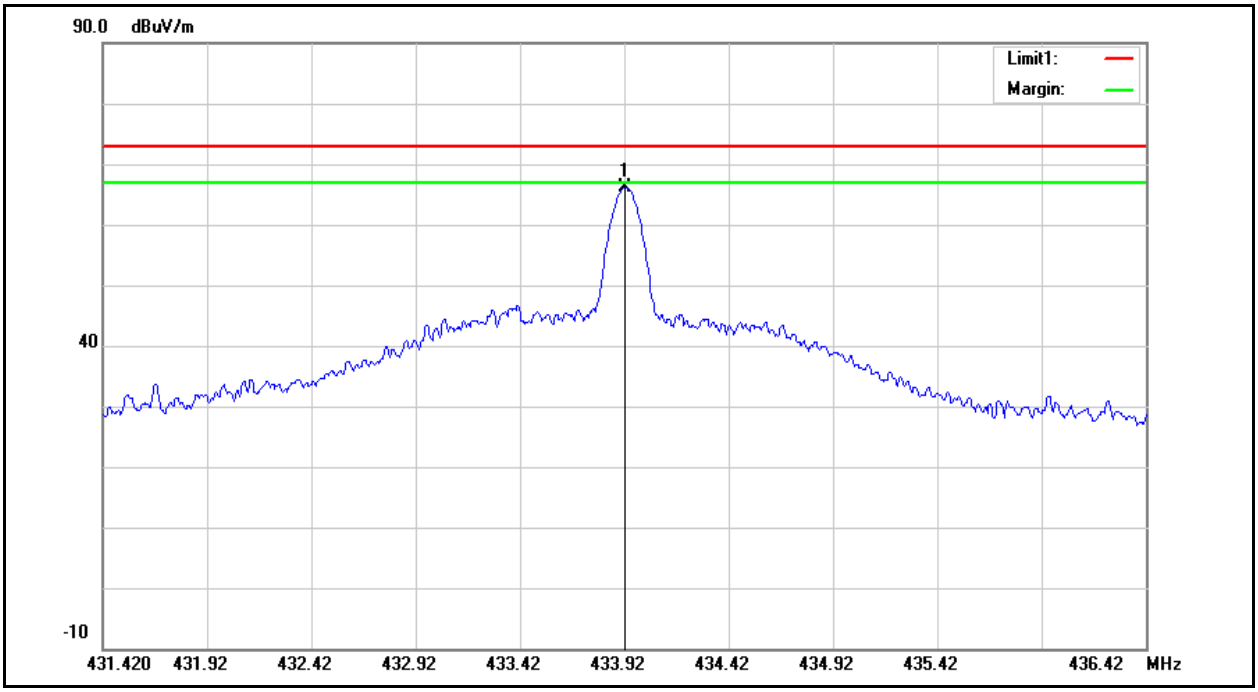
■ **Test Graphs**



Annex C. Radiated Emission Measurement

Fundamental

Standard:	FCC Part 15.231	Test Distance:	3m
Test Mode:	Mode 2	Power:	AC 120V/60Hz
Ant.Polar.:	Horizontal	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH



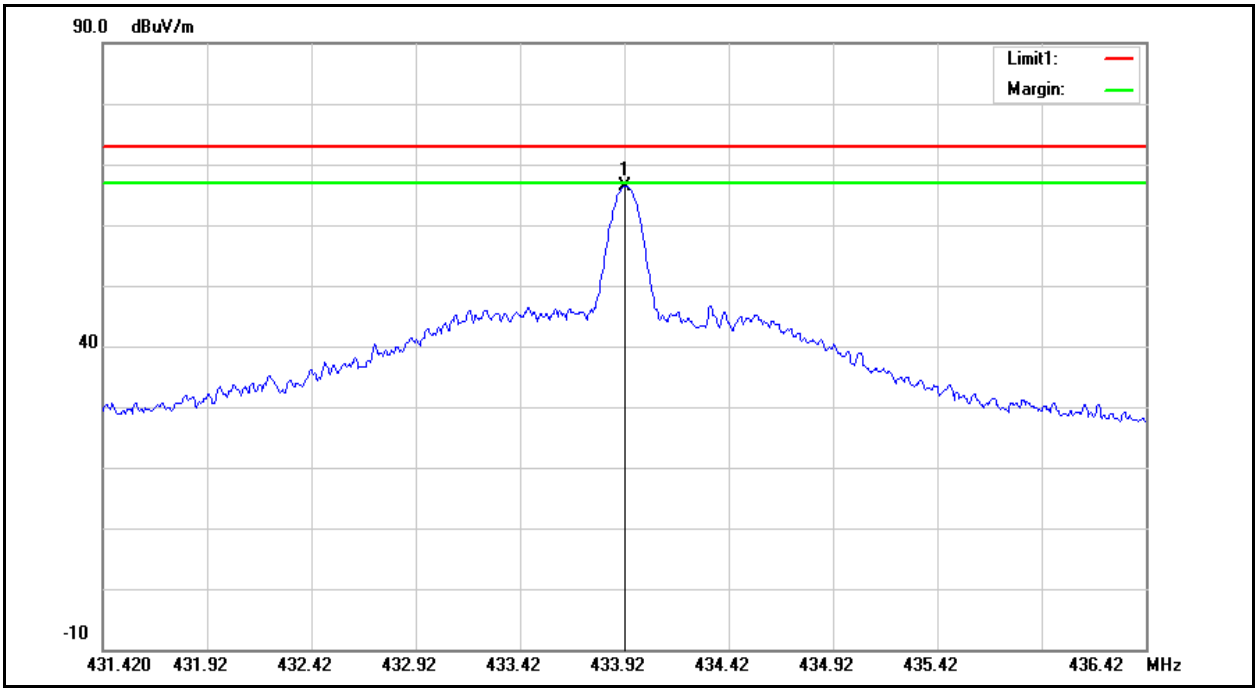
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	433.9250	66.61	-0.44	66.17	72.87	-6.70	peak

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.231	Test Distance:	3m
Test Mode:	Mode 2	Power:	AC 120V/60Hz
Ant.Polar.:	Vertical	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	433.9250	66.81	-0.44	66.37	72.87	-6.50	peak

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When peak results are less than average limit, so not need to evaluate the average.

Below 1GHz

Standard:	FCC Part 15.231	Test Distance:	3m
Test Mode:	Mode 1	Power:	AC 120V/60Hz
		Temp.(℃)/Hum.(%RH):	26(℃)/60%RH

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
496.5700	30.56	0.62	31.18	46.00	-14.82	QP	H
515.0000	30.91	0.95	31.86	46.00	-14.14	QP	H
621.7000	28.12	3.19	31.31	46.00	-14.69	QP	H
667.2900	28.90	3.94	32.84	46.00	-13.16	QP	H
752.6500	27.92	5.90	33.82	46.00	-12.18	QP	H
848.6800	28.56	7.51	36.07	46.00	-9.93	QP	H
359.8000	27.57	-2.05	25.52	46.00	-20.48	QP	V
515.0000	34.74	0.95	35.69	46.00	-10.31	QP	V
636.2500	27.95	3.40	31.35	46.00	-14.65	QP	V
709.0000	28.26	4.85	33.11	46.00	-12.89	QP	V
740.0400	28.43	5.62	34.05	46.00	-11.95	QP	V
876.8100	27.54	8.16	35.70	46.00	-10.30	QP	V

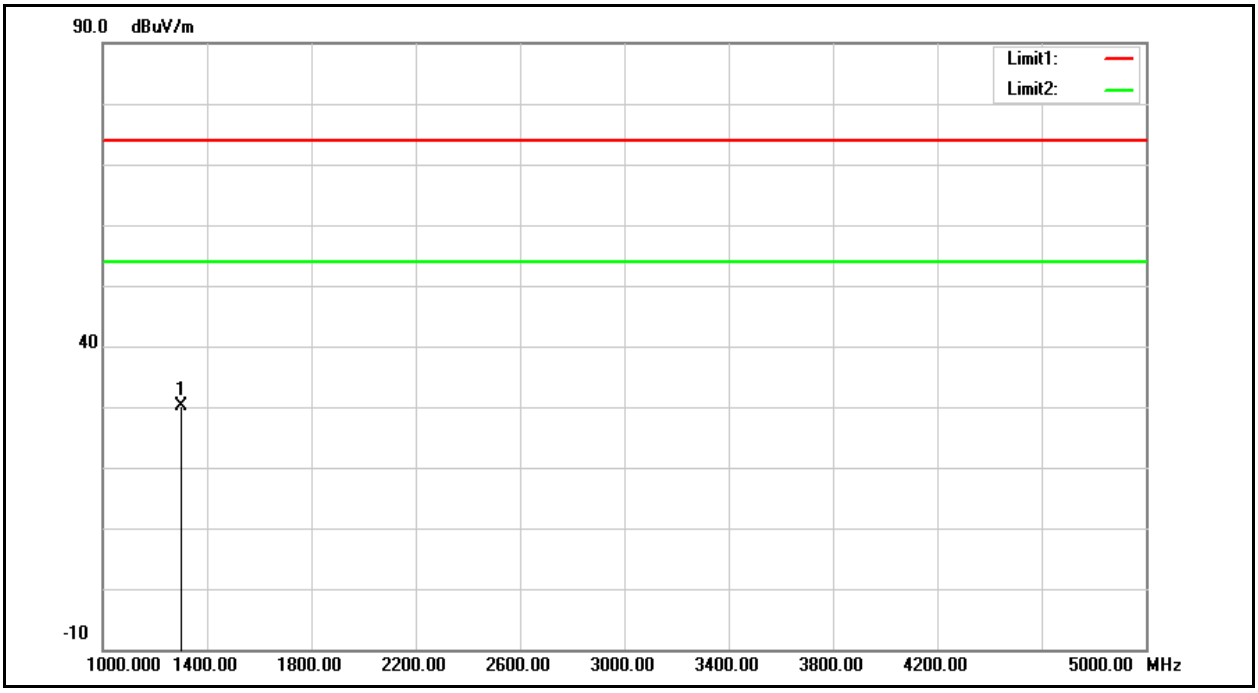
Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When peak results are less than average limit, so not need to evaluate the average.

Above 1GHz

Standard:	FCC Part 15.231	Test Distance:	3m
Test Mode:	Mode 2	Power:	AC 120V/60Hz
Ant.Polar.:	Horizontal	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH



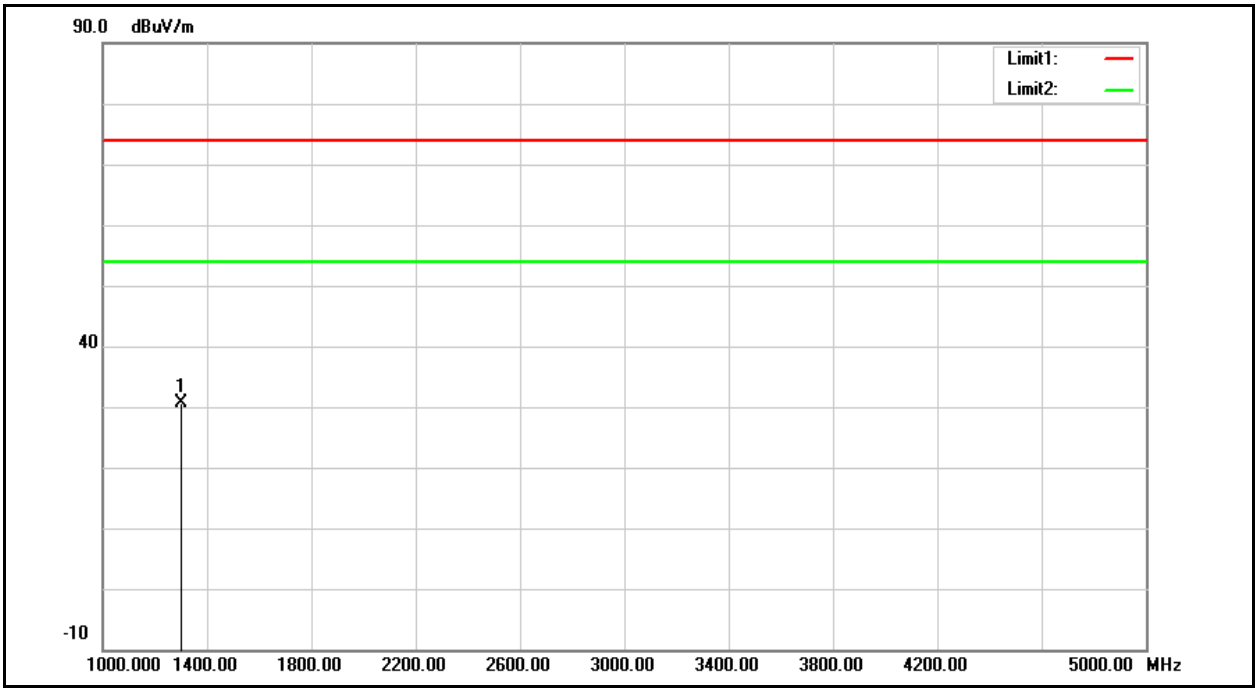
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1301.760	36.12	-5.97	30.15	74.00	-43.85	peak

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.231	Test Distance:	3m
Test Mode:	Mode 2	Power:	AC 120V/60Hz
Ant.Polar.:	Vertical	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1301.760	36.62	-5.97	30.65	74.00	-43.35	peak

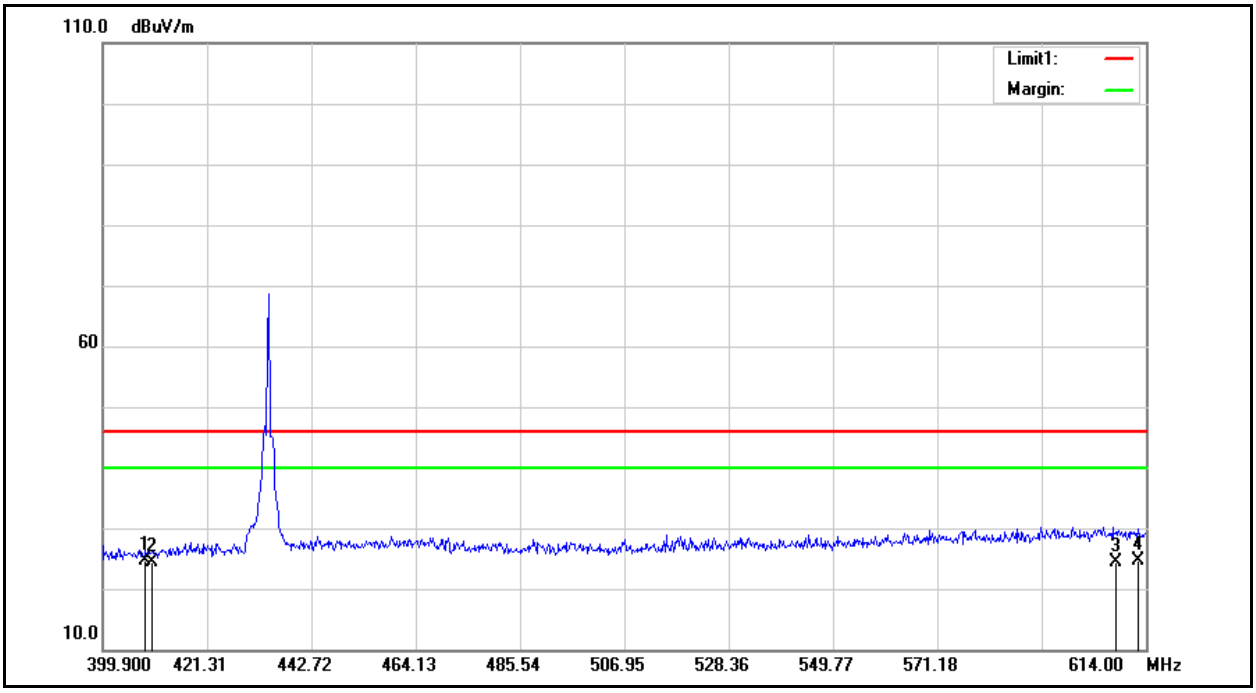
Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When peak results are less than average limit, so not need to evaluate the average.

Band Edge

Standard:	FCC Part 15.231	Test Distance:	3m
Test Mode:	Mode 2	Power:	AC 120V/60Hz
Ant.Polar.:	Horizontal	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH



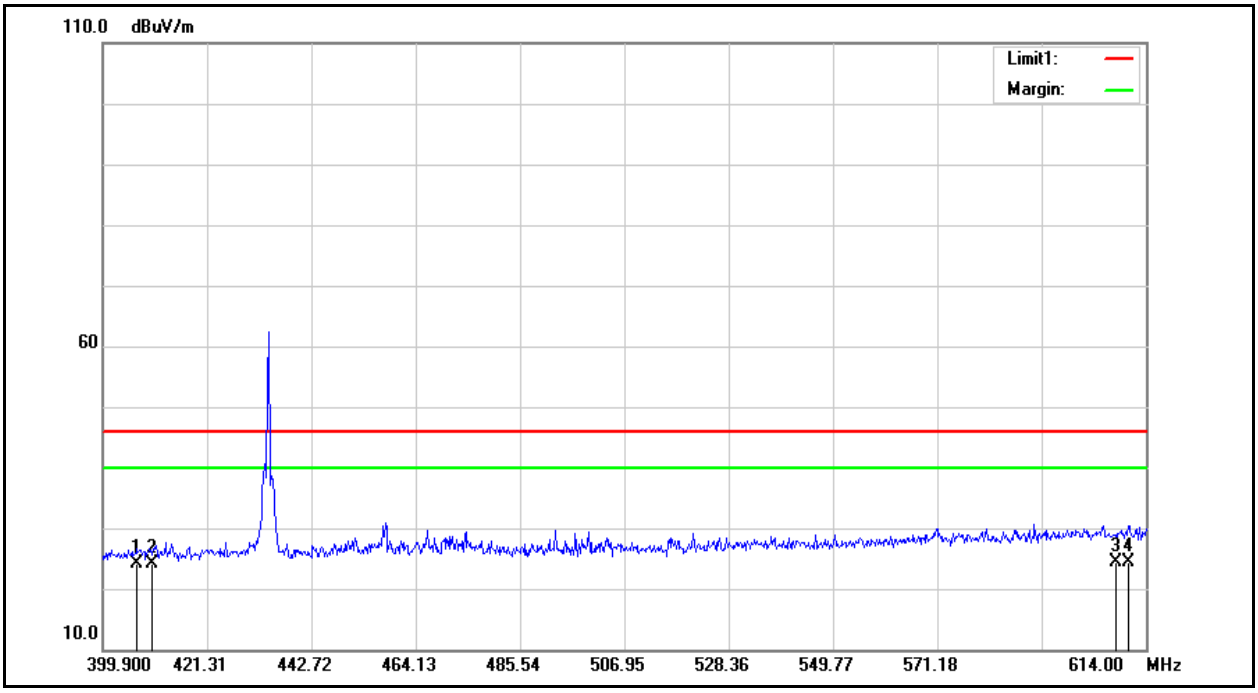
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	408.6781	26.08	-1.53	24.55	46.00	-21.45	QP
2	410.0000	25.88	-1.50	24.38	46.00	-21.62	QP
3	608.0000	21.82	2.59	24.41	46.00	-21.59	QP
4	612.2872	21.89	2.64	24.53	46.00	-21.47	QP

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.231	Test Distance:	3m
Test Mode:	Mode 2	Power:	AC 120V/60Hz
Ant.Polar.:	Vertical	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	406.9653	25.78	-1.59	24.19	46.00	-21.81	QP
2	410.0000	25.73	-1.50	24.23	46.00	-21.77	QP
3	608.0000	21.68	2.59	24.27	46.00	-21.73	QP
4	610.5744	21.69	2.62	24.31	46.00	-21.69	QP

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When peak results are less than average limit, so not need to evaluate the average.