



FCC Test Report

FCC ID: 2BCCC-T16

Applicant: SHENZHEN YIHU TECHNOLOGY CO.,LTD

Address: 4th Floor, Building 4, Zone A, Yalian Haoshida Industrial Zone, Bantian Street, Longgang District, Shenzhen, China

Manufacturer: SHENZHEN YIHU TECHNOLOGY CO.,LTD

Address: 4th Floor, Building 4, Zone A, Yalian Haoshida Industrial Zone, Bantian Street, Longgang District, Shenzhen, China

Product Name: Sound Effects Machine

Trade Mark: N/A

Model Number: T16

Date of Receipt: Mar. 25, 2026

Test Date: Mar. 25, 2026 ~ Apr. 22, 2026

Date of Report: Apr. 22, 2026

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

Applicable Standards: FCC Rules and Regulations Part 15 Subpart C Section 15.249
ANSI C63.10: 2020

Test Result: Pass

Report Number: DLE-260421009R

Prepared by(Engineer): Ken Tan

Reviewer(Supervisor): Jack Bu

Approved(Manager): Jade Yang



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.

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**** Issued History ****

Revision	Description	Issued Date	Remark
Revision 1.0	Initial Test Report Release	Apr. 22, 2026	



1. Summary

1.1 Test Procedures and Results

DESCRIPTION OF TEST	SECTION NUMBER	RESULT
AC CONDUCTED EMISSIONS TEST	15.207	PASS
RADIATED EMISSION TEST	15.249(a)/15.209	PASS
BAND EDGE	15.249(d)/15.205	PASS
OCCUPIED BANDWIDTH MEASUREMENT	15.215(c)	PASS
ANTENNA REQUIREMENT	15.203	PASS

Note:

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.

1.2 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 2.56\text{dB}$
2	RF power, conducted	$\pm 0.42\text{dB}$
3	Spurious emissions, conducted	$\pm 2.76\text{dB}$
4	All emissions, radiated(<1G)	$\pm 3.65\text{dB}$
5	All emissions, radiated(>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5^{\circ}\text{C}$
7	Humidity	$\pm 2\%$
8	6dB Bandwidth	$\pm 0.2\text{MHz}$
9	Power Spectral Density	$\pm 0.3\text{dBm}$



2. General Information

2.1 General Description of EUT

Product Name:	Sound Effects Machine
Model Name:	T16
Series Model(s):	N/A
Model Difference:	N/A
Antenna Type:	PCB Antenna
Antenna Gain:	-0.58dBi
Operation Frequency:	2402-2480MHz
Number of Channels:	40CH
Modulation Type:	GFSK
Power Source:	DC5V From Type-C or DC3.7V From Battery
Power Rating:	DC5V From Type-C or DC3.7V From Battery
Hardware Version:	V1.0
Software Version:	V1.0
Note: 1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2. Antenna gain Refer to the antenna specifications. 3. The cable loss data is obtained from the supplier. 4. The test results in the report only apply to the tested sample.	



2.2 Carrier Frequency of Channels

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2402	21	2442
2	2404	22	2444
3	2406	23	2446
4	2408	24	2448
5	2410	25	2450
6	2412	26	2452
7	2414	27	2454
8	2416	28	2456
9	2418	29	2458
10	2420	30	2460
11	2422	31	2462
12	2424	32	2464
13	2426	33	2466
14	2428	34	2468
15	2430	35	2470
16	2432	36	2472
17	2434	37	2474
18	2436	38	2476
19	2438	39	2478
20	2440	40	2480

2.3 Operation of EUT during Testing

Operating Mode

The mode is used: **Transmitting mode**

Low Channel: 2402MHz

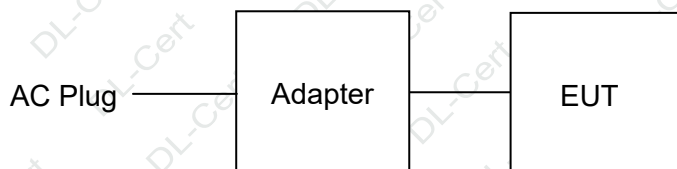
Middle Channel: 2440MHz

High Channel: 2480MHz

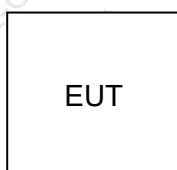


2.4 Description of Test Setup

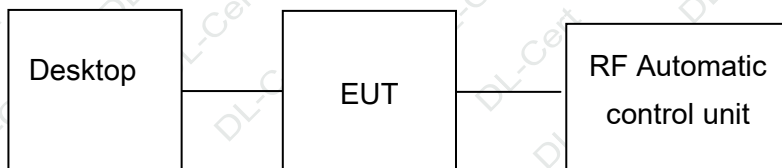
Operation of EUT during AC Conducted and Radiation below 1GHz testing:



Operation of EUT during Radiation above 1GHz testing:



Operation of EUT during RF Conducted testing:



The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The report only reflects the worst emission test results. The worst case is X position.



2.5 Description of 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.

Item	Product Name	Trade Mark	Model Name	Specification	Note
1	Sound Effects Machine	N/A	T16	N/A	EUT
2	Adapter	N/A	MDY-08-EH	Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 2.5A/9V, 2A/12V, 1.5A	
3	Adapter	N/A	N/A	Input: 100-240V, 50/60Hz, 0.75A Output: 5V, 2A/9V, 2A/10V, 2.25A MAX	
4	USB Cable	N/A	N/A	Length: 50cm	

Note:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. For conducted measurements (20dB Bandwidth), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.



2.6 Equipments List for All Test Items

Radiation test, Band-edge test and 6db bandwidth test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	Agilent	E4408B	MY50140780	Oct. 25, 2025	Oct. 24, 2026
2	Test Receiver (9kHz-7GHz)	R&S	ESRP7	101393	Oct. 25, 2025	Oct. 24, 2026
3	Bilog Antenna (30MHz-1GHz)	R&S	VULB9162	00306	Oct. 25, 2025	Oct. 24, 2026
4	Horn Antenna (1GHz-18GHz)	Schwarzbeck	BBHA9120D	02139	Oct. 25, 2025	Oct. 24, 2026
5	Horn Antenna (18GHz-40GHz)	A.H. Systems	SAS-574	588	Oct. 25, 2025	Oct. 24, 2026
6	Amplifier (9KHz-6GHz)	Schwarzbeck	BBV9743B	00153	Oct. 25, 2025	Oct. 24, 2026
7	Amplifier (1GHz-18GHz)	EMEC	EM01G8GA	00270	Oct. 25, 2025	Oct. 24, 2026
8	Amplifier (18GHz-40GHz)	Quanjuda	DLE-161	97	Oct. 25, 2025	Oct. 24, 2026
9	Loop Antenna (9KHz-30MHz)	Schwarzbeck	FMZB1519B	00014	Oct. 25, 2025	Oct. 24, 2026
10	RF cables1 (9kHz-1GHz)	ChengYu	966	004	Oct. 25, 2025	Oct. 24, 2026
11	RF cables2 (1GHz-40GHz)	ChengYu	966	003	Oct. 25, 2025	Oct. 24, 2026
12	Antenna connector	Florida RF Labs	N/A	RF 01#	Oct. 25, 2025	Oct. 24, 2026
13	Power probe	KEYSIGHT	U2021XA	MY55210018	Oct. 25, 2025	Oct. 24, 2026
14	Signal Analyzer 9kHz-26.5GHz	Agilent	N9020A	MY55370280	Oct. 25, 2025	Oct. 24, 2026
15	Test Receiver 20kHz-40GHz	R&S	ESU 40	100376	Oct. 25, 2025	Oct. 24, 2026
16	D.C. Power Supply	LongWei	PS-305D	010964729	Oct. 25, 2025	Oct. 24, 2026

Conduction Test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	843 Shielded Room	ChengYu	843 Room	843	Nov. 05, 2023	Nov. 04, 2026
2	EMI Receiver	R&S	ESR	101421	Oct. 25, 2025	Oct. 24, 2026
3	LISN	R&S	ENV216	102417	Oct. 25, 2025	Oct. 24, 2026
4	843 Cable 1#	ChengYu	CE Cable	001	Oct. 25, 2025	Oct. 24, 2026

Other

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ_EMCC	EMC-CON 3A1.1
2	EMC radiation test system	FALA	EZ_EMCC	FA-03A2
3	RF test system	MAIWEI	MTS8310	2.0.0.0
4	RF communication test system	MAIWEI	MTS8200	2.0.0.0



3. AC Conducted Emissions Test

3.1 AC Conducted Power Line Emission Limit

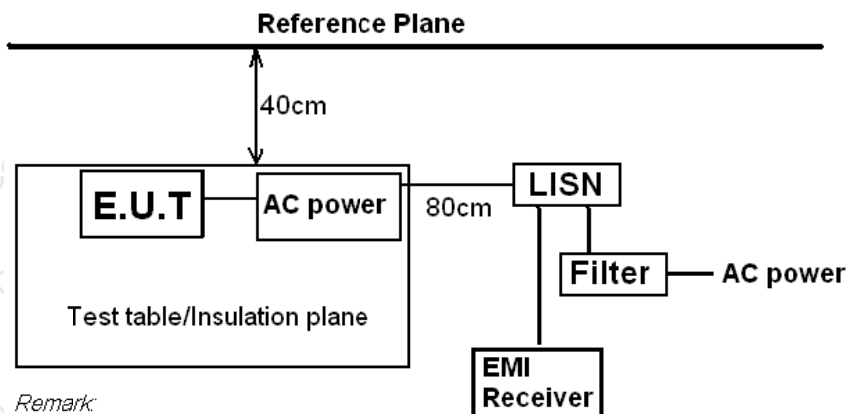
For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following.

Frequency (MHz)	Maximum RF Line Voltage (dBμV)			
	CLASS A		CLASS B	
	Q.P.	Ave.	Q.P.	Ave.
0.15 - 0.50	79	66	66-56*	56-46*
0.50 - 5.00	73	60	56	46
5.00 - 30.0	73	60	60	50

* Decreasing linearly with the logarithm of the frequency.

For intentional device, according to §15.207(a) Line Conducted Emission Limit is same as above table.

3.2 Test Setup



Remark:

E.U.T: Equipment Under Test

LISN: Line Impedance Stabilization Network

Test table height=0.8m

3.3 Test Procedure

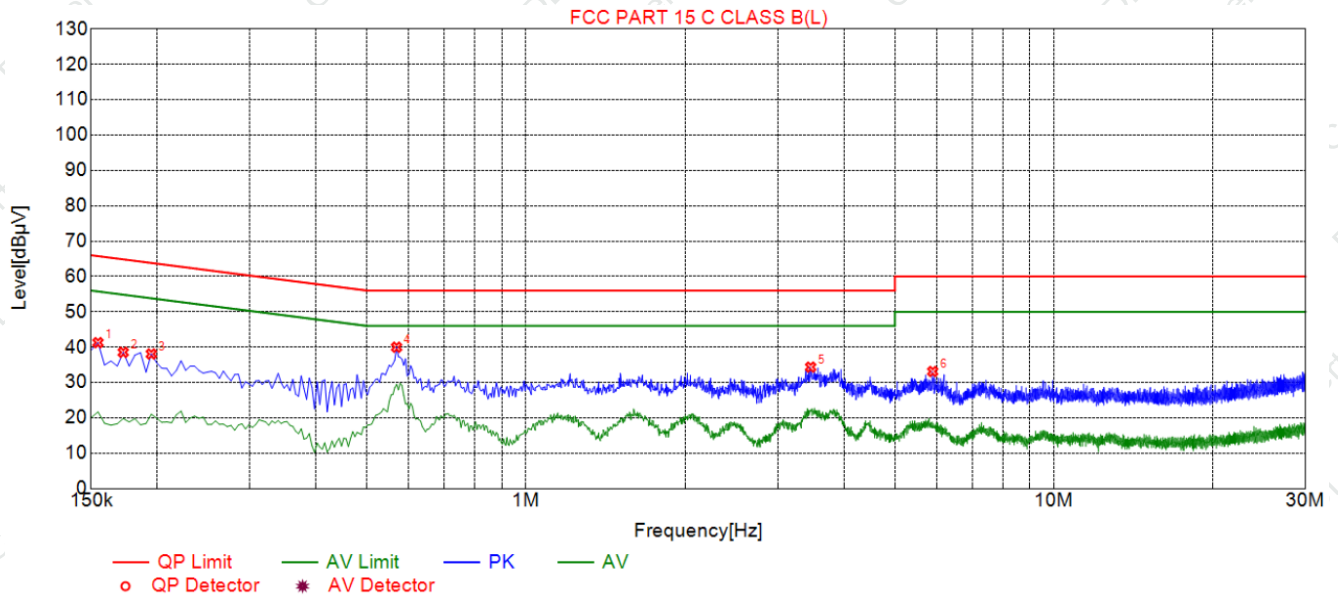
1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10.
2. Support equipment, if needed, was placed as per ANSI C63.10.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4. If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5. All support equipments received AC power from a second LISN, if any.
6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.



3.4 Test Result

All the test modes completed for test. Only the worst result was reported as below:

Test Specification: Line



Suspected List

NO.	Freq. [MHz]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Reading [dBμV]	Detector	Type
1	0.1545	41.28	19.84	65.75	24.47	21.44	PK	L
2	0.1725	38.54	19.81	64.84	26.30	18.73	PK	L
3	0.1950	38.08	19.76	63.82	25.74	18.32	PK	L
4	0.5685	39.99	19.88	56.00	16.01	20.11	PK	L
5	3.4620	34.36	20.16	56.00	21.64	14.20	PK	L
6	5.8965	33.11	20.27	60.00	26.89	12.84	PK	L

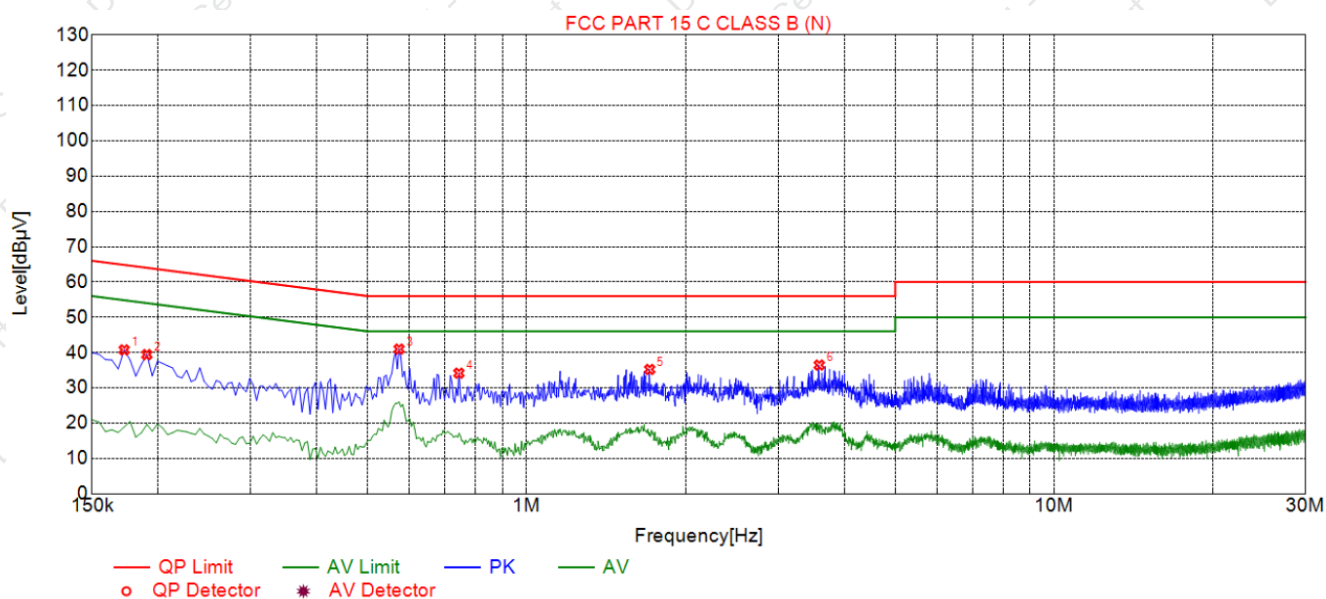
Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



Test Specification: Neutral



Suspected List

NO.	Freq. [MHz]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Reading [dBμV]	Detector	Type
1	0.1725	40.76	19.86	64.84	24.08	20.90	PK	N
2	0.1905	39.42	19.79	64.01	24.59	19.63	PK	N
3	0.5730	40.98	19.95	56.00	15.02	21.03	PK	N
4	0.7440	34.16	19.95	56.00	21.84	14.21	PK	N
5	1.7115	35.22	20.11	56.00	20.78	15.11	PK	N
6	3.5880	36.46	20.19	56.00	19.54	16.27	PK	N

Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



4. Radiated Emission Test

4.1 Radiation Limit

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance (Meters)	Radiated (dB μ V/m)	Radiated (μ V/m)
0.009-0.490	300	$20\log 2400/F$ (kHz)	$2400/F$ (kHz)
0.490-1.705	30	$20\log 24000/F$ (kHz)	$24000/F$ (kHz)
1.705-30	30	$20\log 30$	30
30-88	3	40	100
88-216	3	43.5	150
216-960	3	46	200
Above 960	3	54	500

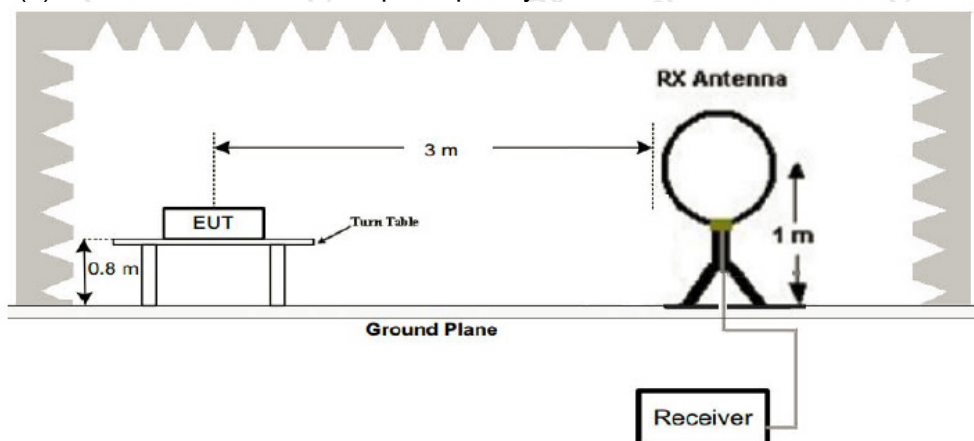
For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

For unintentional device, according to § 15.249(a), Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
902-928 MHz	50	500
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

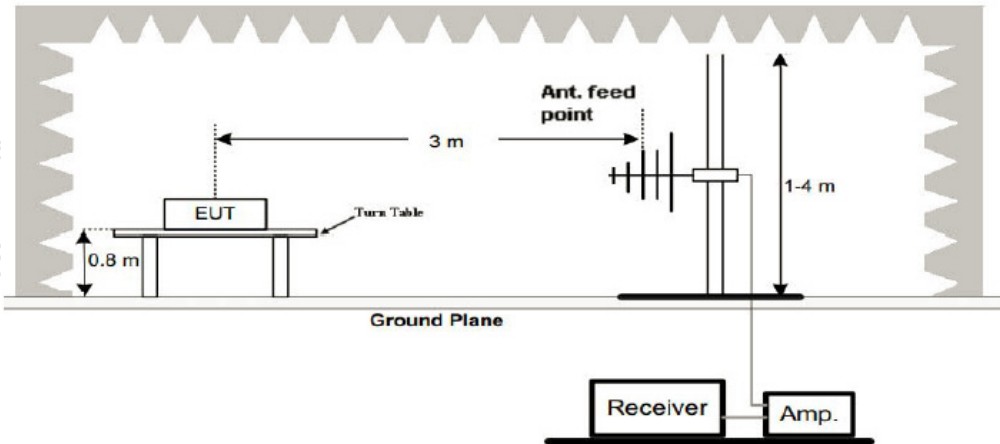
4.2 Test Setup

(1) Radiated Emission Test-Up Frequency Below 30MHz

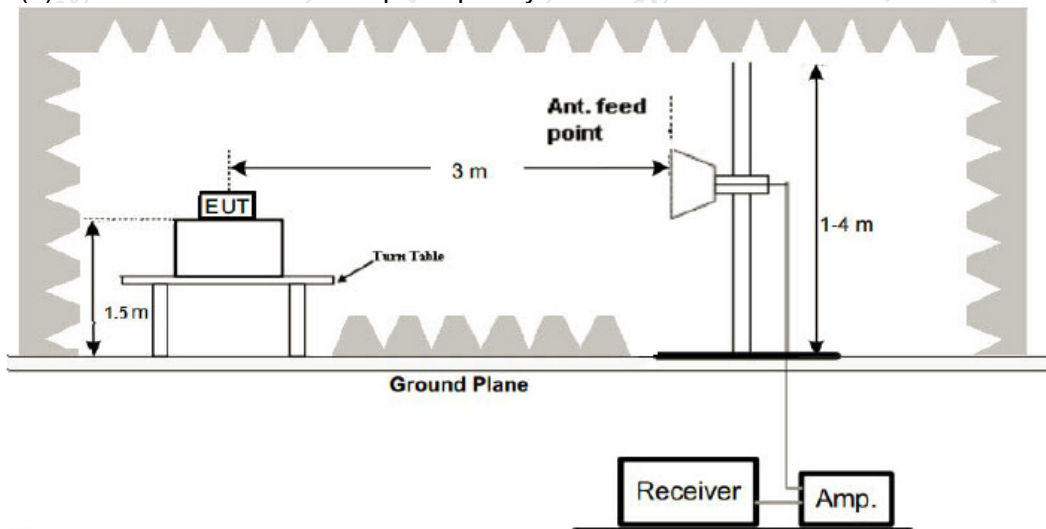




(2) Radiated Emission Test-Up Frequency 30MHz~1GHz



(3) Radiated Emission Test-Up Frequency Above 1GHz



4.3 Test Procedure

1. Below 1GHz measurement the EUT is placed on turntable which is 0.8m above ground plane. And above 1GHz measurement EUT was placed on low permittivity and low tangent turn table which is 1.5m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The test frequency range from 9KHz to 26GHz per FCC PART 15.33(a).

Note:

For battery operated equipment, the equipment tests shall be performed using a new battery.



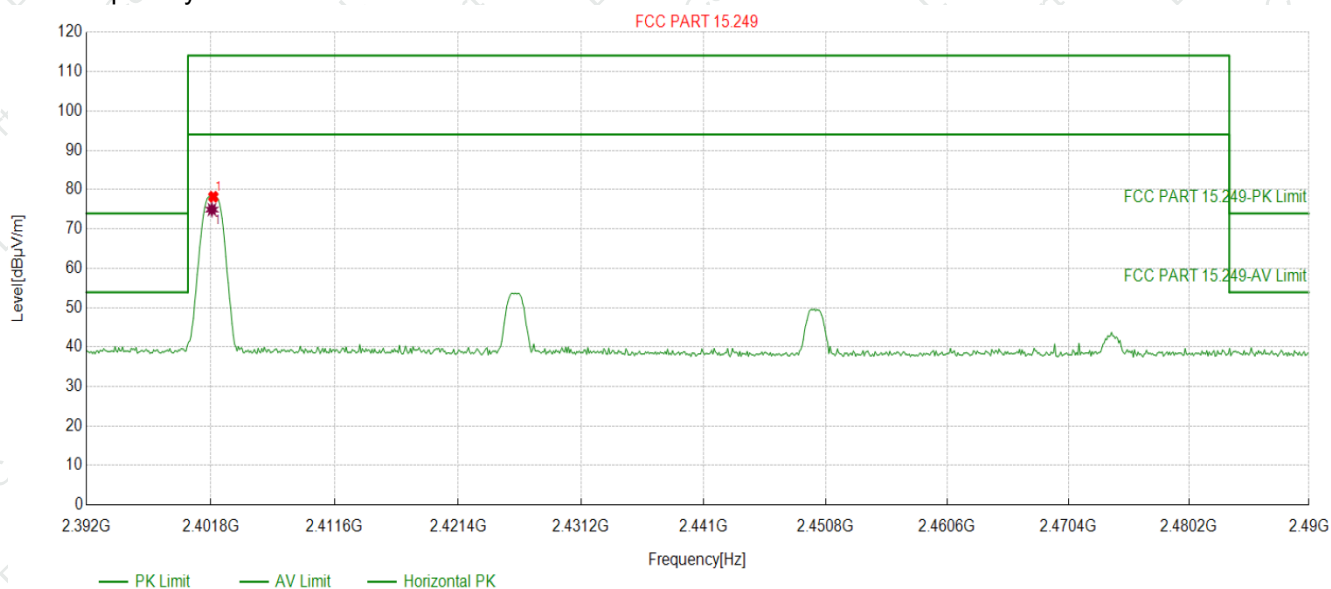
4.4 Test Result

PASS

Field strength of fundamental:

Operation Mode: TX CH Low (2402MHz)

Antenna polarity: Horizontal



* AV Detector

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2402.006	92.56	78.22	-14.34	114.00	35.78	150	77	Horizontal

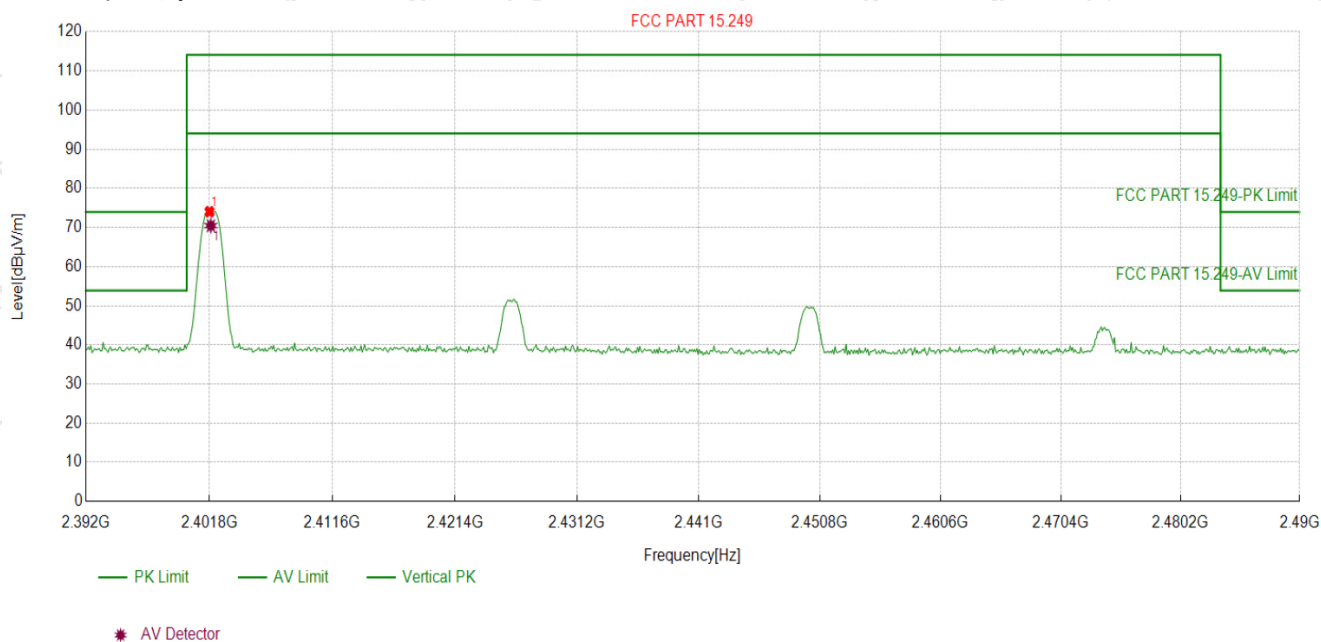
AV Final Data List

NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2401.896	-14.34	74.98	94.00	19.02	150	77	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2401.810	88.41	74.07	-14.34	114.00	39.93	150	152	Vertical

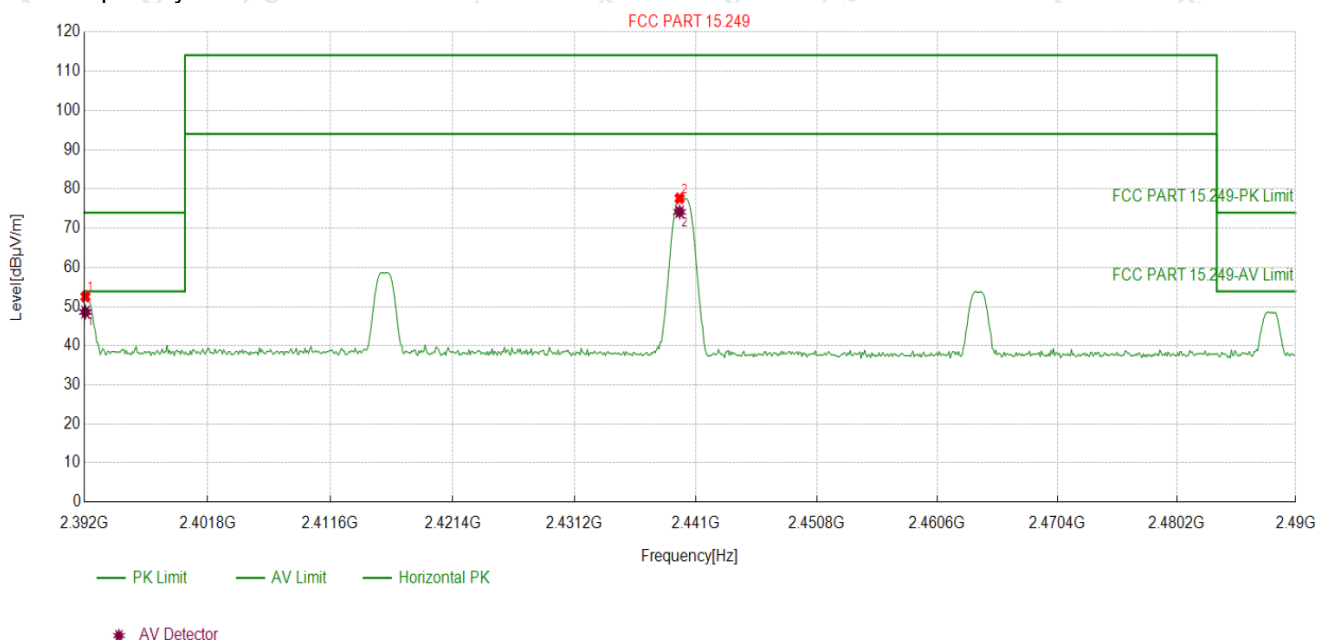
AV Final Data List

NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2401.920	-14.34	70.52	94.00	23.48	150	152	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Operation Mode: TX CH Middle (2440MHz)
Antenna polarity: Horizontal

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2392.098	67.02	52.64	-14.38	74.00	21.36	150	23	Horizontal
2	2439.676	92.19	77.64	-14.55	114.00	36.36	150	48	Horizontal

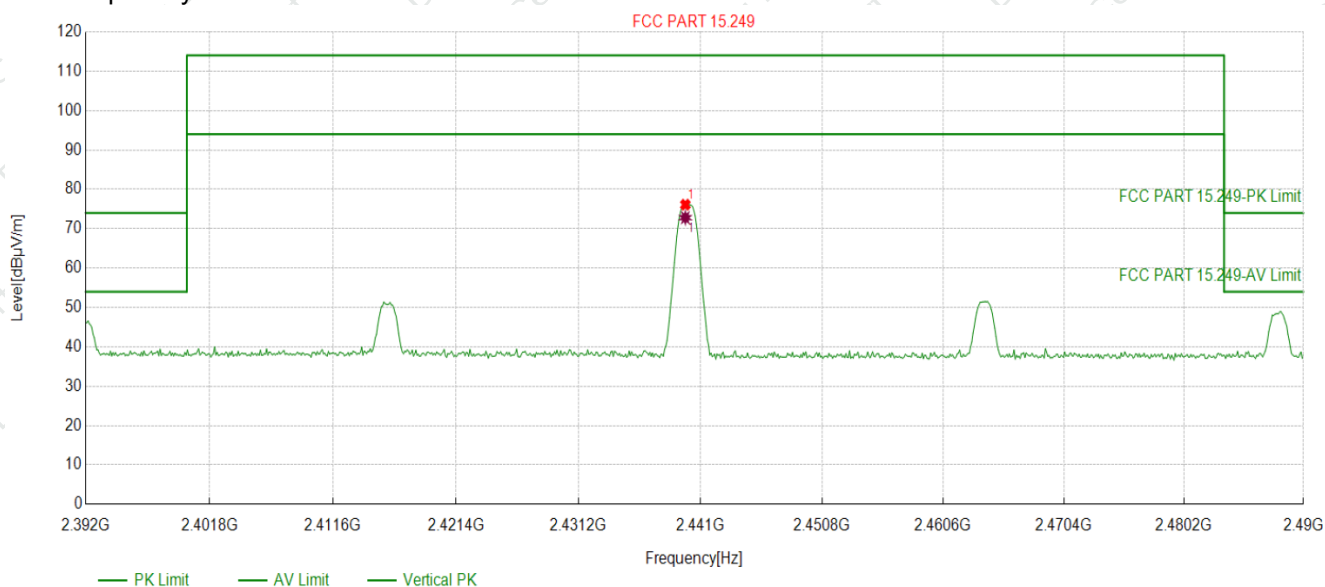
AV Final Data List

NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2392.098	-14.38	48.74	54.00	5.26	150	23	Horizontal
2	2439.676	-14.55	74.20	94.00	19.80	150	48	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor;
Margin = Limit – Level



Antenna polarity: Vertical

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2439.774	90.66	76.11	-14.55	114.00	37.89	150	109	Vertical

AV Final Data List

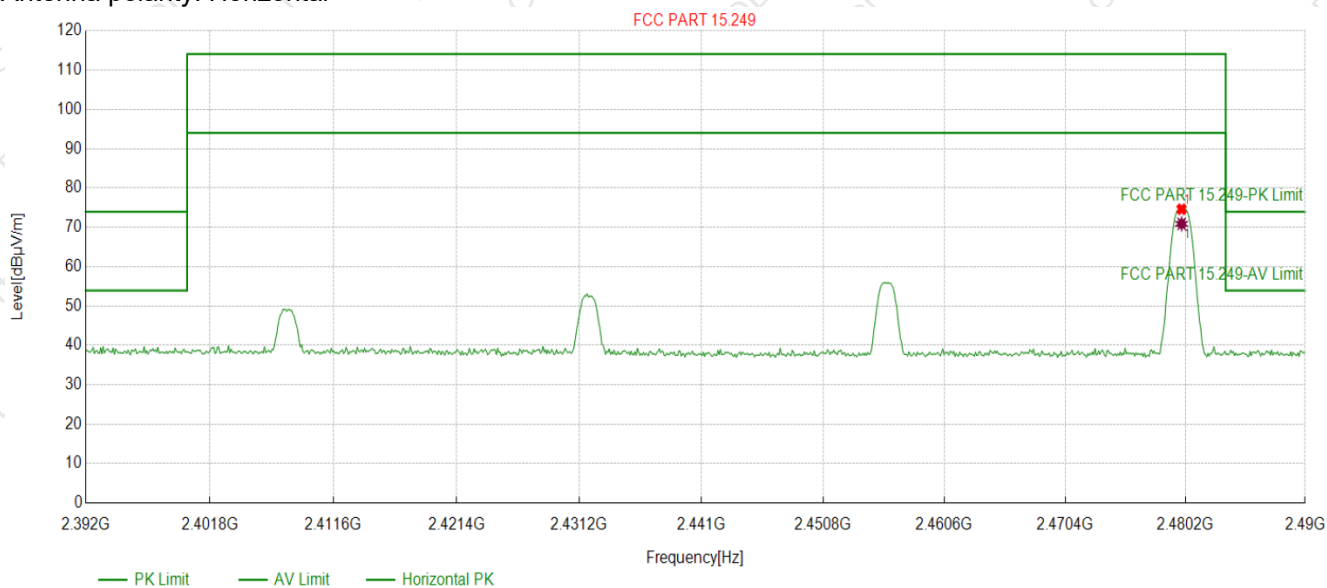
NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2439.774	-14.55	72.81	94.00	21.19	150	109	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor;
Margin = Limit – Level



Operation Mode: TX CH High (2480MHz)

Antenna polarity: Horizontal



* AV Detector

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.896	89.35	74.64	-14.71	114.00	39.36	150	21	Horizontal

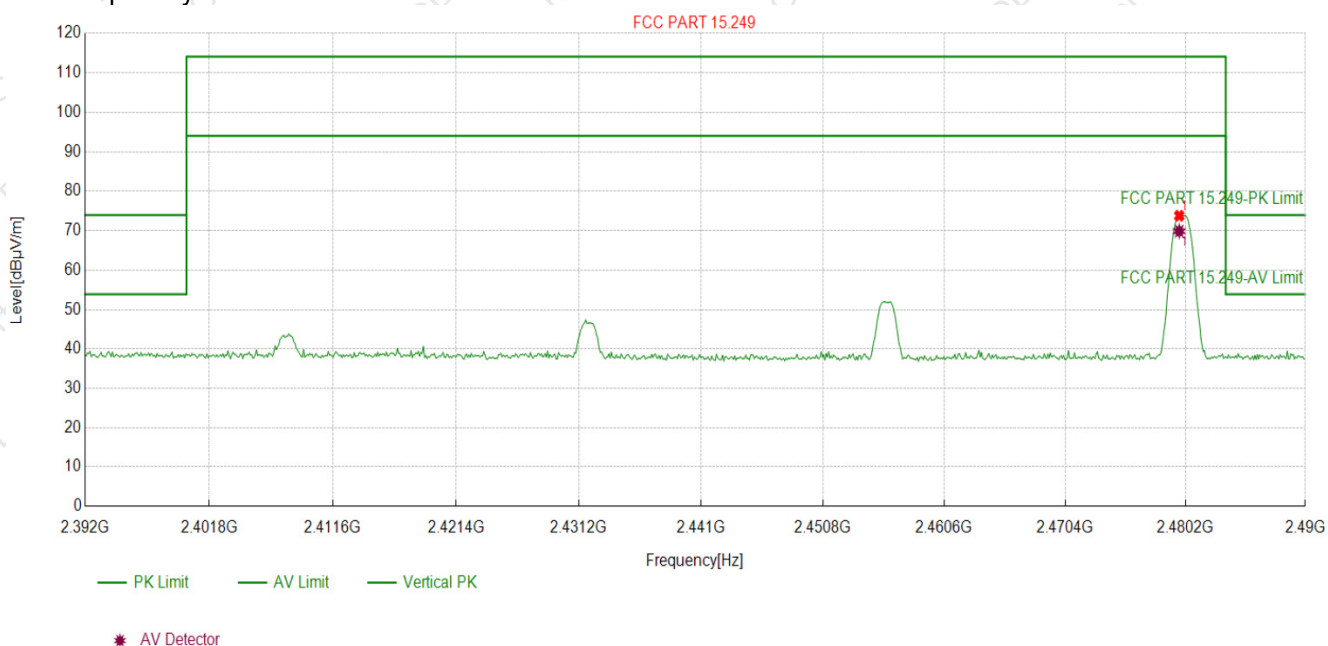
AV Final Data List

NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.896	-14.71	70.94	94.00	23.06	150	21	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.700	88.53	73.82	-14.71	114.00	40.18	150	66	Vertical

AV Final Data List

NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.700	-14.71	69.95	94.00	24.05	150	66	Vertical

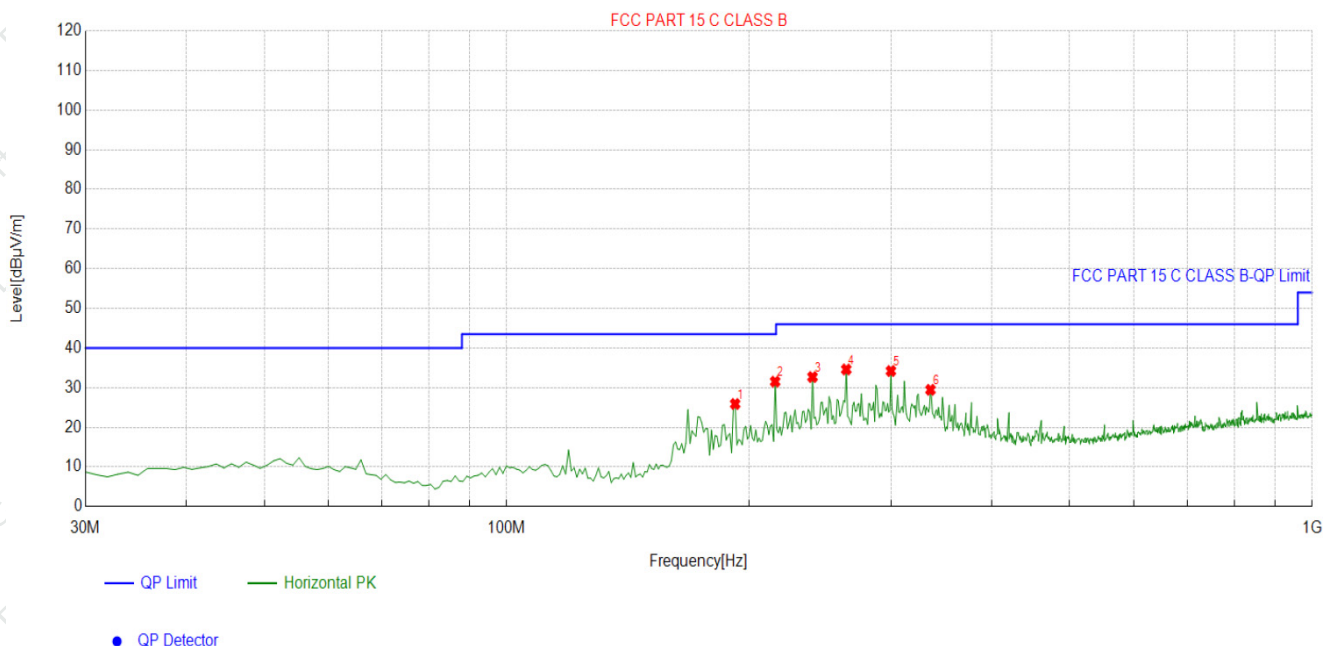
Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Below 1GHz Test Results:

All the test modes completed for test. Only the worst result was reported as below:

Antenna polarity: Horizontal



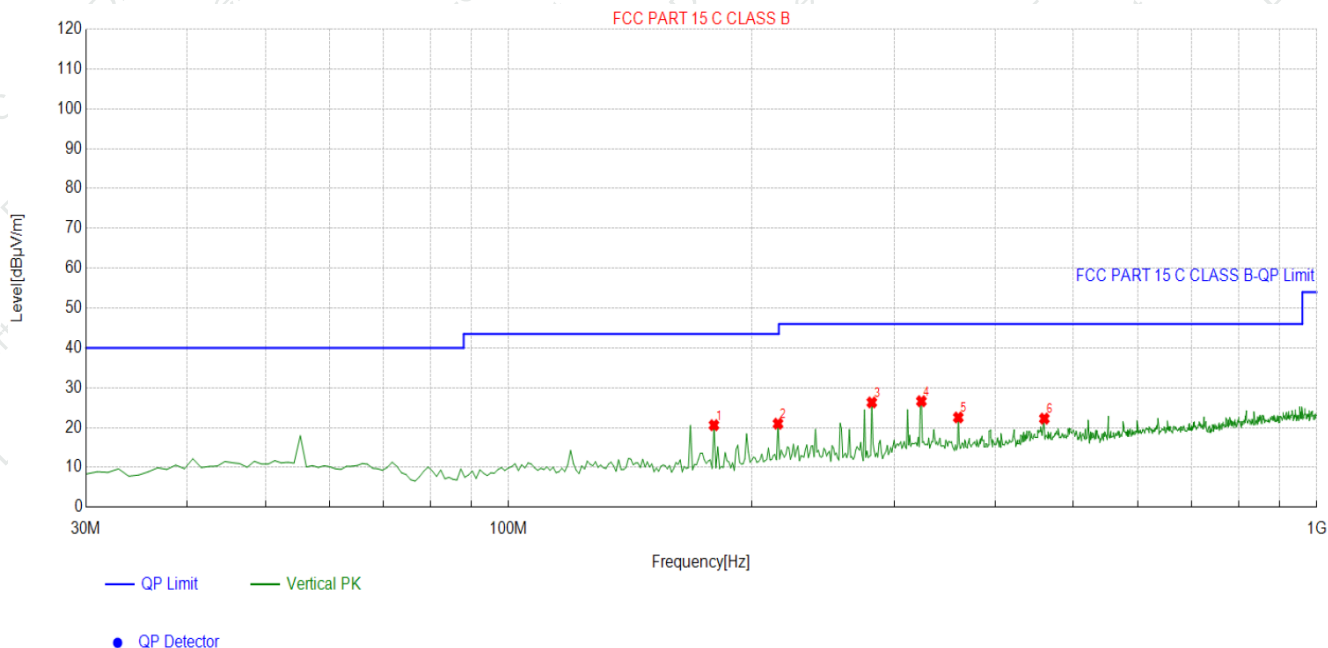
Suspected List

NO.	Freq. [MHz]	Factor [dB]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	192.152	-15.24	41.13	25.89	43.50	17.61	100	15	Horizontal
2	215.455	-14.51	46.04	31.53	43.50	11.97	100	194	Horizontal
3	239.730	-13.51	46.20	32.69	46.00	13.31	100	208	Horizontal
4	264.004	-12.71	47.30	34.59	46.00	11.41	100	336	Horizontal
5	299.930	-12.01	46.22	34.21	46.00	11.79	100	215	Horizontal
6	335.856	-10.98	40.44	29.46	46.00	16.54	100	339	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical



Suspected List

NO.	Freq. [MHz]	Factor [dB]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	179.530	-16.44	37.05	20.61	43.50	22.89	100	89	Vertical
2	215.455	-14.51	35.48	20.97	43.50	22.53	100	269	Vertical
3	281.481	-12.59	38.90	26.31	46.00	19.69	100	240	Vertical
4	324.204	-11.52	38.14	26.62	46.00	19.38	100	258	Vertical
5	360.130	-10.47	33.01	22.54	46.00	23.46	100	280	Vertical
6	460.140	-8.76	31.01	22.25	46.00	23.75	100	328	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level

Harmonics and Spurious Emissions

Frequency Range (9 kHz-30MHz)

Frequency (MHz)	Level@3m (dBμV/m)	Limit@3m (dBμV/m)
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Note: 1. Emission Level=Reading+ Cable loss+ Antenna factor-Amp factor.

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement.

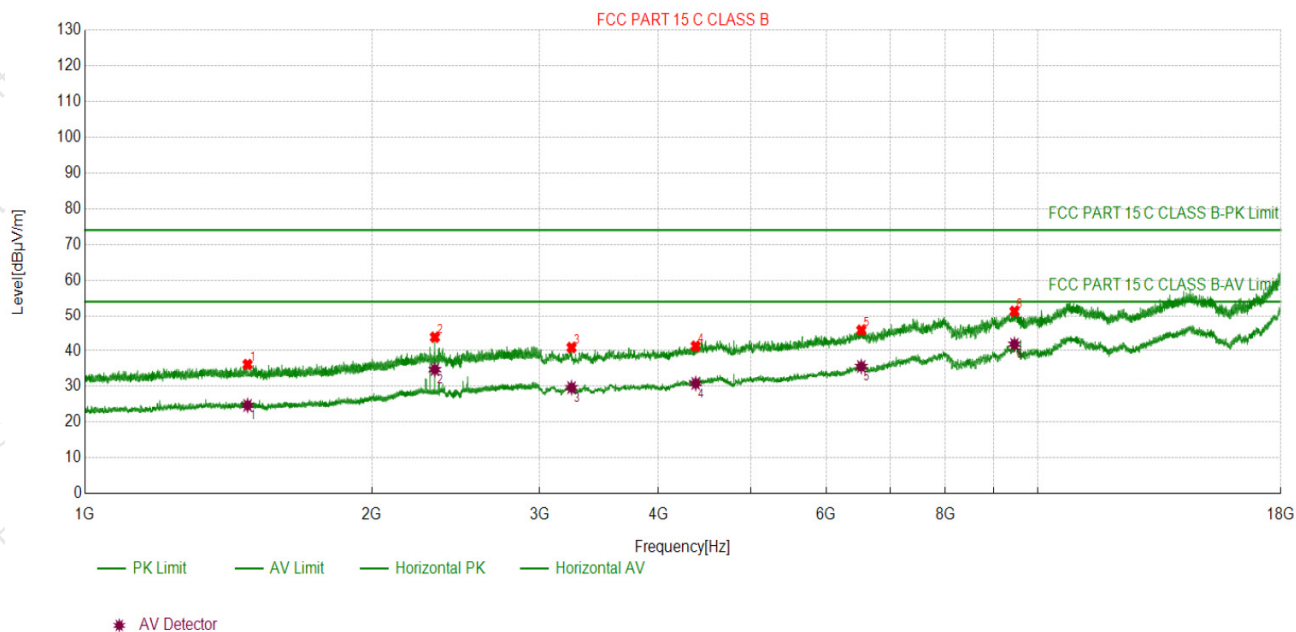


Above 1GHz Test Results

All the test modes completed for test. Only the worst result was reported as below:

For 1GHz to 18GHz

Antenna polarity: Horizontal



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1481.448	54.67	36.14	-18.53	74.00	37.86	150	236	Horizontal
2	2329.733	58.27	43.77	-14.50	74.00	30.23	150	248	Horizontal
3	3241.524	54.67	40.88	-13.79	74.00	33.12	150	268	Horizontal
4	4375.638	52.17	41.25	-10.92	74.00	32.75	150	340	Horizontal
5	6529.853	51.94	45.73	-6.21	74.00	28.27	150	316	Horizontal
6	9455.146	51.58	51.29	-0.29	74.00	22.71	150	357	Horizontal

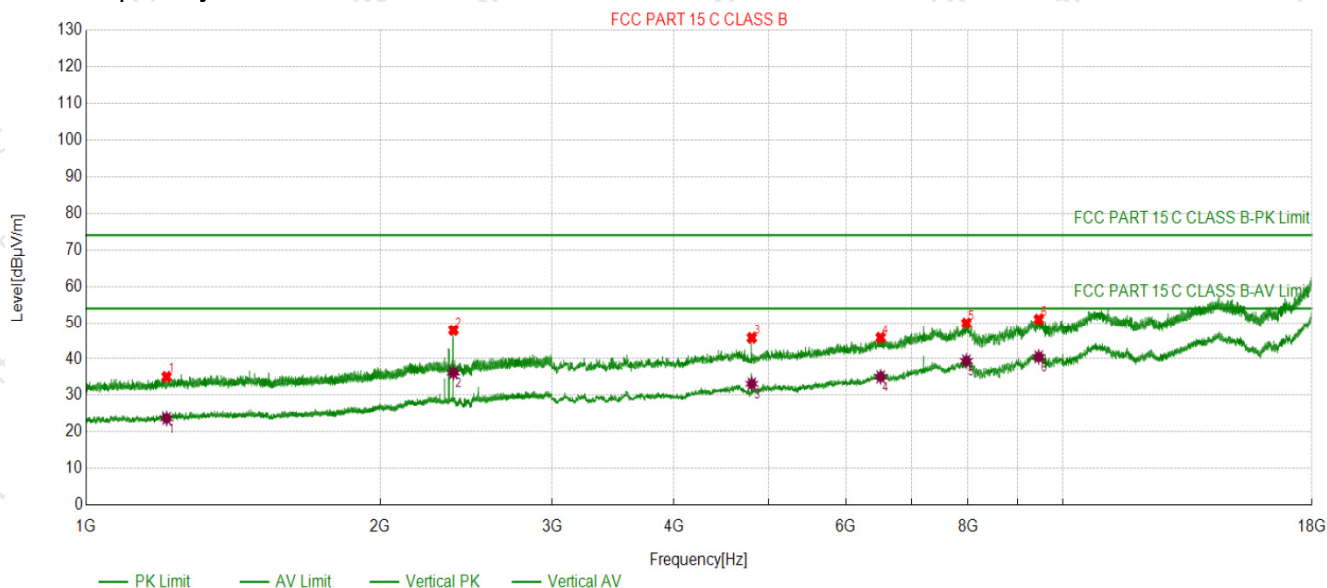
AV Final Data List

NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1481.448	-18.53	24.71	54.00	29.29	150	236	Horizontal
2	2329.733	-14.50	34.72	54.00	19.28	150	248	Horizontal
3	3241.524	-13.79	29.67	54.00	24.33	150	268	Horizontal
4	4375.638	-10.92	30.84	54.00	23.16	150	340	Horizontal
5	6529.853	-6.21	35.58	54.00	18.42	150	316	Horizontal
6	9455.146	-0.29	41.81	54.00	12.19	150	357	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical



* AV Detector

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1209.021	54.29	35.08	-19.21	74.00	38.92	150	248	Vertical
2	2377.738	62.39	47.88	-14.51	74.00	26.12	150	95	Vertical
3	4804.680	55.72	45.72	-10.00	74.00	28.28	150	235	Vertical
4	6510.351	52.08	45.78	-6.30	74.00	28.22	150	70	Vertical
5	7968.497	51.98	49.89	-2.09	74.00	24.11	150	265	Vertical
6	9450.645	51.32	50.99	-0.33	74.00	23.01	150	22	Vertical

AV Final Data List

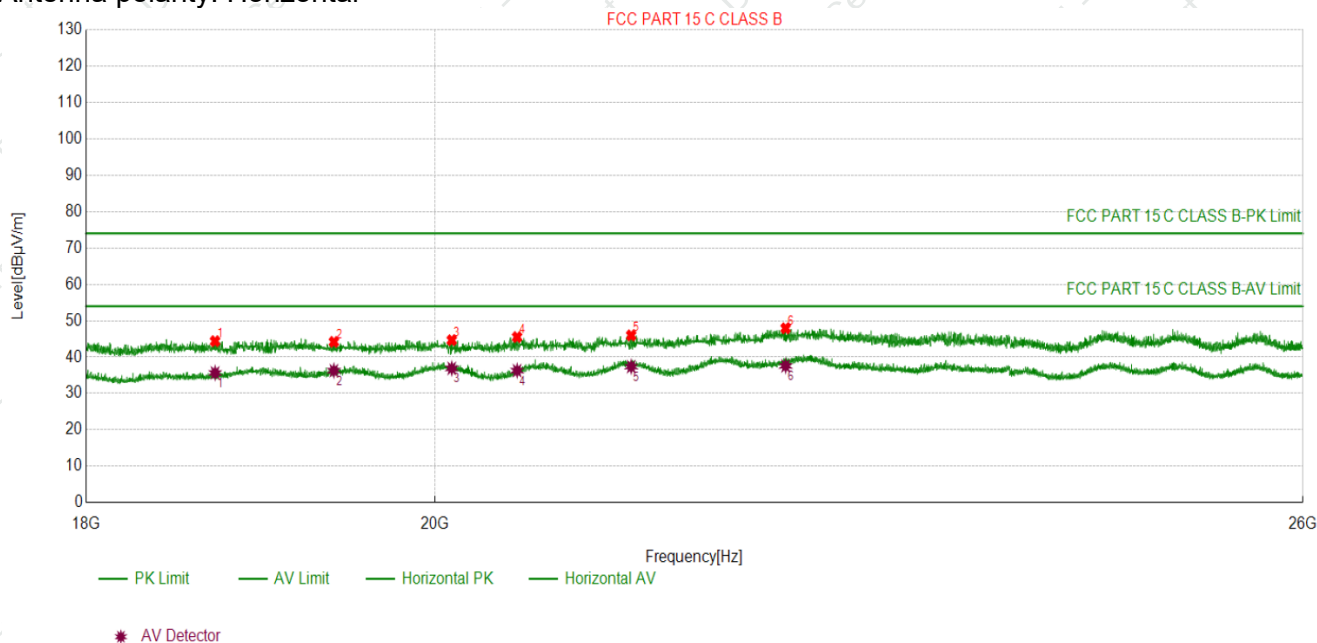
NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1209.021	-19.21	23.72	54.00	30.28	150	248	Vertical
2	2377.738	-14.51	36.20	54.00	17.80	150	95	Vertical
3	4804.680	-10.00	33.17	54.00	20.83	150	235	Vertical
4	6510.351	-6.30	35.07	54.00	18.93	150	70	Vertical
5	7968.497	-2.09	39.41	54.00	14.59	150	265	Vertical
6	9450.645	-0.33	40.53	54.00	13.47	150	22	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



For 18GHz to 26GHz

Antenna polarity: Horizontal



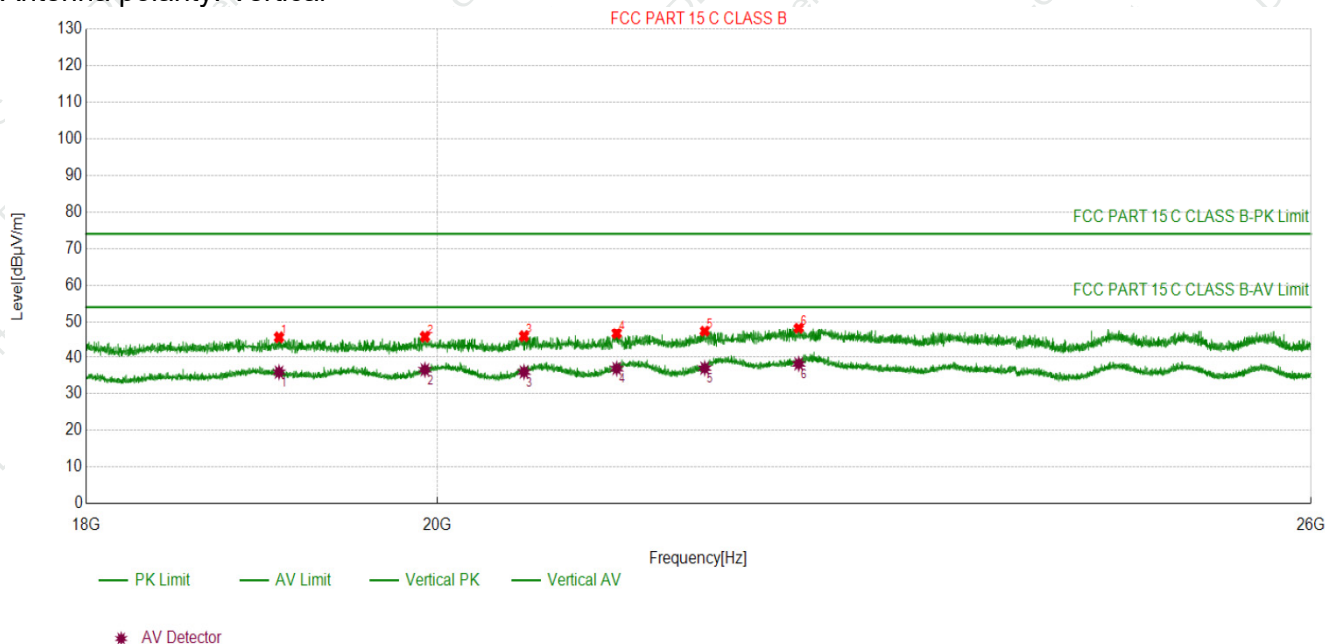
Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18716.072	38.90	44.38	5.48	74.00	29.62	150	190	Horizontal
2	19400.140	38.13	44.18	6.05	74.00	29.82	150	100	Horizontal
3	20103.410	38.52	44.66	6.14	74.00	29.34	150	100	Horizontal
4	20504.250	39.54	45.52	5.98	74.00	28.48	150	200	Horizontal
5	21223.522	40.69	45.97	5.28	74.00	28.03	150	110	Horizontal
6	22237.224	42.19	47.93	5.74	74.00	26.07	150	340	Horizontal

AV Final Data List								
NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18716.072	5.48	35.68	54.00	18.32	150	190	Horizontal
2	19400.140	6.05	36.29	54.00	17.71	150	100	Horizontal
3	20103.410	6.14	36.92	54.00	17.08	150	100	Horizontal
4	20504.250	5.98	36.30	54.00	17.70	150	200	Horizontal
5	21223.522	5.28	37.38	54.00	16.62	150	110	Horizontal
6	22237.224	5.74	37.59	54.00	16.41	150	340	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	19073.707	39.70	45.47	5.77	74.00	28.53	150	180	Vertical
2	19927.393	39.46	45.64	6.18	74.00	28.36	150	220	Vertical
3	20529.053	39.84	45.79	5.95	74.00	28.21	150	180	Vertical
4	21108.311	41.27	46.59	5.32	74.00	27.41	150	80	Vertical
5	21673.167	41.82	47.27	5.45	74.00	26.73	150	130	Vertical
6	22293.229	42.38	48.10	5.72	74.00	25.90	150	50	Vertical

AV Final Data List

NO	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	19073.707	5.77	35.96	54.00	18.04	150	180	Vertical
2	19927.393	6.18	36.62	54.00	17.38	150	220	Vertical
3	20529.053	5.95	36.00	54.00	18.00	150	180	Vertical
4	21108.311	5.32	36.94	54.00	17.06	150	80	Vertical
5	21673.167	5.45	37.05	54.00	16.95	150	130	Vertical
6	22293.229	5.72	38.23	54.00	15.77	150	50	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor;

Margin = Limit – Level