

TEST REPORT

For

Pulse760

Model Number: M-001-212-06-V4

FCC ID: 2BPRY-21206V4

Report Number : WT268500777

Test Laboratory : Shenzhen Academy of Metrology and Quality Inspection
Site Location : No.4, Tongfa Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China
Tel : 0086-755-86928965
Fax : 0086-755-86009898-31396
Web : www.smq.com.cn
E-mail : emcrf@smq.com.cn

The "Important statement" on the back of the report's first page is part of the document, and copies without it are incomplete.

重 要 声 明

Important statement

1. 本院是深圳市人民政府依法设立的不以营利为目的的法定机构，为政府、企业和社会提供计量、检验、检测、认证等技术服务。

SMQ is a statutory institution established by Shenzhen Municipal People's Government in accordance with the law, not for profit, providing technical services such as metrology, inspection, testing, and certification for the government, enterprises and society.

2. 本院保证检验的科学性、公正性和准确性，对检验的数据负责，并对委托单位所提供的样品和技术资料保密。

SMQ is committed to assuring the scientificness, impartiality and accuracy of all tests, responsibility for test data gained, and keeping confidential of all test samples and technical information provided by the entrusting party.

3. 抽样按照本院程序文件《抽样程序》和相应产品的检验细则的规定执行。

Sampling is carried out in accordance with the *Sampling Procedure* of SMQ procedure document and the corresponding product inspection specifications.

4. 送样委托检验结果仅对来样有效。委托检验的样品、样品及委托方信息均由委托方提供，本院不对样品的代表性、真实性及信息的完整性和准确性负责。

Commissioned testing results for submitted samples are only valid for the tested samples. The samples and their information, and information of the entrusting party are all provided by the entrusting party, and SMQ assumes no responsibility for representativeness and authenticity of the samples and completeness and accuracy of the information.

5. 除非特别说明，否则在报告中作出与标准或规范的符合性声明时，本院将不考虑不确定度的影响，根据测得值是否在规定限值范围内作出符合性判断。

Unless otherwise specified, when making statements of conformity to standards or specifications in the report, SMQ will disregard the uncertainty and judge conformity basing on whether the measured values are within the specified limits.

6. 检验报告二维码具浏览和下载完整报告功能，是应委托方要求所设，该二维码及其复制图能使任何人扫描获取完整的检验报告电子版，本报告持有人如需限制他人经该二维码获取检验报告内容，应自行遮盖或消除检验报告及其复制件所附二维码，我院对委托方选择检验报告二维码功能所致的信息泄露概不负责（适用于附二维码报告）。

The QR code in the report has the function of browsing and downloading the complete report, which is set according to the choice of the entrusting party. The QR code and its copy enable anyone who scan it to obtain the complete electronic version of the report. If the owner of this report needs to restrict others from obtaining the content of the report through the QR code, he should cover or remove the QR code attached to the report and its copies by himself. SMQ assumes no responsibility for the information leakage caused by the entrusting party's choice of the report QR code function (This clause applies to reports with QR code).

7. 报告无主检、审核、批准人签字，或涂改，或未盖本院报告专用章及骑缝章无效。未经本院许可，不得部分复印、摘用或篡改本报告内容。复印报告未重新加盖本院报告专用章无效。

Reports without the signature of itester, reviewer or authorized approver, or with alterations without authorization, or without the dedicated report seal or across-page seal are invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of SMQ. Copies being not re-stamped with the dedicated report seal are invalid.

8. 无 CMA 标志的报告，仅作为科研、教学或内部质量控制之用。

Reports without the CMA mark are intended solely for research, teaching or internal quality control.

9. 只申领电子报告时，相关内容和效力以电子报告为准；电子报告和纸质报告同时申领时，电子报告仅作为纸质报告的副本，相关内容和效力以同编号纸质报告为准。

When electronic report is only applied for, the content and validity shall be based on the electronic report. When both electronic and paper reports are simultaneously applied for, the electronic report shall serve solely as copy of the paper report, and the content and validity shall be based on the paper report with the same number.

10. 委托方对报告有异议的，应于报告发出之日起十五日内向本院提出。政府行政管理部门下达的监督检验任务，受检方对报告有异议的，应按政府行政管理部门文件规定及国家相关法律、法规执行。

Any objection to the report issued by SMQ should be submitted to SMQ within 15 days from the issuing date of the report. For Government-Mandated Inspection, if the inspected party has objections to the report, they shall follow the relevant documents of the government administrative departments and applicable national laws or regulations.

11. 报告更改后，发出的电子版报告、报告的扫描件及传真件将不被追回，委托方有义务将更改后的报告提供给使用原报告的相关方。

When the report is revised, SMQ is not responsible for recalling the issued electronic version, scanned copies, and faxed copies of the report. The entrusting party has the obligation to provide the revised report to the relevant parties using the original report.

12. 委托方不得擅自使用检验结果进行不当宣传。如果委托方滥用或者违法使用报告，导致侵犯第三方权益或造成第三方损失的，本院不承担任何责任。如果因委托方不合理使用报告，导致本院遭受损失的，委托方应当赔偿本院所遭受的所有损失，包括但不限于赔偿款、诉讼费、律师费、交通费、公证费等。

The entrusting party should not use the testing results for improper publicity. In the event that the entrusting party abuses or illegally uses the report, thereby resulting in infringement of rights and interests of a third-party or causing losses to a third party, SMQ shall not assume any responsibility. In the event that the unreasonable use of the report by the entrusting party causes losses to SMQ, the entrusting party shall compensate SMQ for all losses incurred, including but not limited to compensation fees, litigation costs, attorney fees, transportation expenses, and notarization fees.

投诉和报告真伪查询电话及邮箱：400-900-8999, complaint@smq.com.cn

Complaint and Report Authenticity Inquiry Phone Number and Email: 400-900-8999, complaint@smq.com.cn

Revision History

No	Date	Remark
V1.0	2026.04.09	Initial issue



TEST REPORT DECLARATION

Applicant : EPIROC DIGITAL SAFETY SOLUTIONS SOUTH AFRICA (PTY) LTD
Address : 51 Adriana Crescent, Gateway Business Park, Centurion, South Africa
Manufacturer : EPIROC DIGITAL SAFETY SOLUTIONS SOUTH AFRICA (PTY) LTD
Address : 51 Adriana Crescent, Gateway Business Park, Centurion, South Africa
EUT Description : Pulse760
Model No. : M-001-212-06-V4
Trade mark : /
FCC ID : 2BPRY-21206V4

Test Standards:

FCC Part 15 Subpart C

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results, unless they depend on the manufacturer information.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer: 陈司林 Date: Apr. 09, 2026
(Chen Silin 陈司林)
Checked by: 万晓婧 Date: Apr. 09, 2026
(Wan Xiaojing 万晓婧)
Approved by: 林斌 Date: Apr. 09, 2026
(Lin Bin 林斌)



1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	FCC Rules	Test Results
Radiated Emission	15.250 (d) 15.209	Pass
Peak e.i.r.p. level	15.250 (d)	Pass
Conducted emission test for AC power port	15.207	Pass
-10 dB Bandwidth	15.250 (a) (b)	Pass
Antenna Requirement	15.203	Pass

Remark: "N/A" means "Not applicable."



2. GENERAL INFORMATION

2.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

The sample/s mentioned in this report is/are supplied by Applicant, SMQ therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.

Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through SMQ, unless the applicant has authorized SMQ in writing to do so.

The lab will not be liable for any loss or damage resulting for false, inaccurate, inappropriate or incomplete product information provided by the applicant/manufacturer.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is Accredited Testing Laboratory of FCC with Designation number CN1165 and Site registration number 582918.

The Laboratory is registered to perform emission tests with Innovation, Science and Economic Development (ISED), and the registration number is 11177A.

The Laboratory is registered to perform emission tests with VCCI, and the registration number are C-20048, G20076, R-20077, R-20078 and T-20047.

The Laboratory is Accredited Testing Laboratory of American Association for Laboratory Accreditation (A2LA) and certificate number is 3292.01.

2.3. Measurement Uncertainty

Conducted Emission

9 kHz~150 kHz $U=\pm 3.7$ dB $k=2$

150 kHz~30MHz $U=\pm 3.3$ dB $k=2$

Radiated Emission

30MHz~1000MHz $U=\pm 4.3$ dB $k=2$

1GHz~6GHz $U=\pm 4.6$ dB $k=2$

6GHz~40GHz $U=\pm 5.1$ dB $k=2$



3. PRODUCT DESCRIPTION

NOTE: The extreme test conditions for temperature and antenna gain were declared by the manufacturer.

3.1. EUT Description

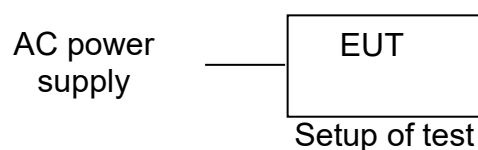
Description : Pulse760
Manufacturer : EPIROC DIGITAL SAFETY SOLUTIONS SOUTH AFRICA (PTY) LTD
Model Number : M-001-212-06-V4
Operate Frequency : CH5
6489.6 MHz
Antenna Designation : FPC Antenna 4.2 dBi
Modulation : BPM-BPSK
Operating Voltage : DC 12 V

Remark: /

3.2. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: **2BPRY-21206V4** filing to comply with Section 15.207,15.209,15.250 of the FCC Part 15 Subpart C.

3.3. Block Diagram of EUT Configuration



3.4. Operating Condition of EUT

The Radiated spurious emission measurements were carried out in semi-anechoic chamber with 3-meter and 1-meter test range, and EUT is rotated on three test planes to find out the worst emission (X plane).

Test Mode1: CH5 6489.6 MHz TX

3.5. Directional Antenna Gain

Directional gain need NOT to be considered.

3.6. Support Equipment List

Table 2 Support Equipment List

Name	Model No	S/N	Manufacturer
Adaptor	V4440L0A1	---	vivo

3.7. Test Conditions

Date of test: Apr. 01, 2026- Apr. 03, 2026

Date of EUT Receive: Mar. 18, 2026

Temperature: 20 °C- 24 °C

Relative Humidity: 46%-60%

3.8. Special Accessories

Not available for this EUT intended for grant.

3.9. Equipment Modifications

Not available for this EUT intended for grant.

4. TEST EQUIPMENT USED

Table 3 Test Equipment

No.	Equipment	Manufacturer	Model No.	Calibration Due Date	Calibration Interval
SB3997	Test Receiver	R&S	ESPI3	Oct.14, 2026	1 Year
SB8501/06	AMN	R&S	ESH-Z5	May.08, 2026	1 Year
/	10 dB ATTENUATOR	Mini-circuits	HAT-10A+	/	/
/	Cable	/	ZT06S-NJ-NJ-2.5M	/	/
/	Cable	/	W20.01	/	/
	Cable	/	W20.02		
/	Cable	SUCOFLEX	W11.16	/	/
/	Cable	SUCOFLEX	W11.20	/	/
/	Cable	/	JCT26P-SMAJ-NJ-1M	/	/
	Cable	/	JCT26P-SMAJ-NJ-1M	/	/
SB9548	Shielded Room	Albatross	SR	Aug.14, 2028	3 Years
SB3345	Loop Antenna	SCHWARZBECK	FMZB1516	Jan.03, 2027	1 Year
SB3955	Broadband Antenna	SCHWARZBECK	VULB9163	Aug.24, 2026	1 Year
SB15044/01	Test Receiver	R&S	ESW8	Feb.01, 2027	1 Year
SB18844	Semi Anechoic Chamber	Albatross	9×6×6(m)	Jan.25, 2027	1 Year
SB8501/09	Test Receiver	R&S	ESU40	Jan.03, 2027	1 Year
SB3435	Horn Antenna	R&S	HF906	Nov.13, 2026	1 Year
SB9058/03	Pre-Amplifier	R&S	SCU 18	Jan.03, 2027	1 Year
SB8501/11	Antenna	R&S	3160-09	Feb.01, 2029	3 Years
SB8501/16	Pre-Amplifier	R&S	SCU-26	Jan.03, 2027	1 Year
SB8501/12	Antenna	R&S	3160-10	Feb.01, 2029	3 Years
SB9059	Low Noise Amplifier	R&S	SCU-40	Aug.10, 2026	1 Year
SB9555/02	Anechoic chamber	Albatross	10*5.2*5.4(m)	Jul.14, 2026	1 Year

5. RADIATED EMISSION

5.1. Test Standard and Limit

5.1.1. Test Standard

FCC Part 15 15.209, 15.250 (d)

5.1.2. Test Limit

Transmitter radiated emissions shall comply with the following e.i.r.p. limits:

1. The radiated emissions above 960 MHz from a device operating under the provisions of this section shall not exceed the following RMS average limits based on measurements using a 1 MHz resolution bandwidth

Table 4 Radiated emissions for wideband devices operating in the band 5925-7250 MHz

Frequency (MHz)	e.i.r.p. (dBm)
960-1610	-75.3
1610-1990	-63.3
1990-3100	-61.3
3100-5925	-51.3
5925-7250	-41.3
7250-10600	-51.3
Above 10600	-61.3

2. In addition to the radiated emission limits specified in the table in above table 4 of this section, transmitters operating under the provisions of this section shall not exceed the following RMS average limits when measured using a resolution bandwidth of no less than 1 kHz:

Table 5 Additional e.i.r.p. limits for wideband devices operating in the band 5925-7250 MHz

Frequency (MHz)	e.i.r.p. (dBm)
1164-1240	-85.3
1559-1610	-85.3

Table 6 Radiation Emission Test Limit (9kHz-960MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

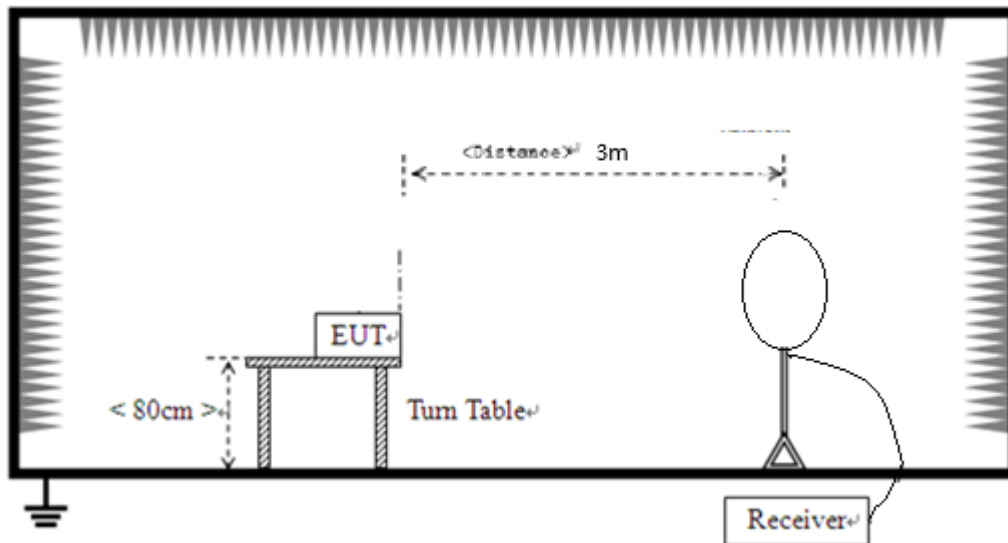
* The lower limit shall apply at the transition frequency.

5.2. Test Procedure

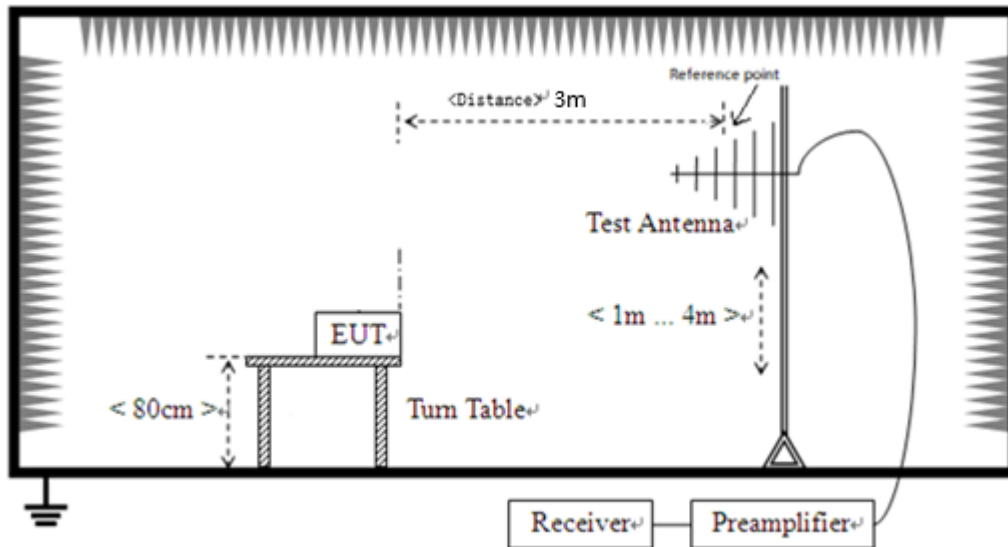
1. The testing follows the guidelines in ANSI C63.10.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. For measurement below 1GHz, the EUT was placed on a turntable with 0.8 meter, above ground. For measurement above 1 GHz, test at FAR, the EUT is placed on a non-conductive table, which is 1.5 meter above ground.
4. The EUT was set 0.5 or 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW=100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3MHz for $f > 1$ GHz for peak measurement.

5.3. Test Setup

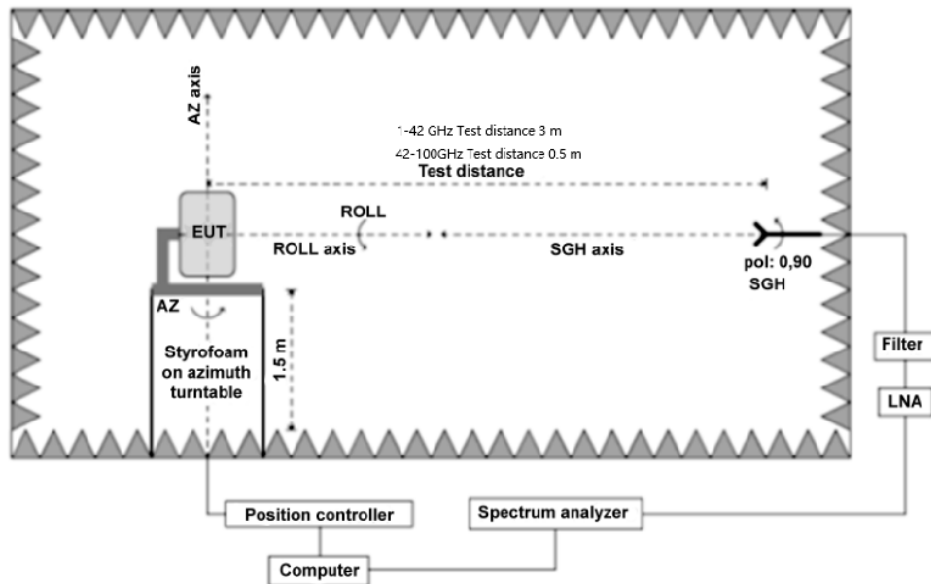
9kHz- 30MHz



30MHz- 960MHz



Above: 1GHz



5.4. Test Data

9 kHz-30MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

Table 7 Radiated Emission Test Data 9k Hz-30MHz

Frequency (MHz)	Cable Loss +preamp (dB)	Antenna Factor (dB)	Reading (dB μ V/m)	Level (dB μ V/m)	Polarity (H/V)	Limit (dB μ V/m)	Margin (dB)	Note
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

30MHz-960MHz

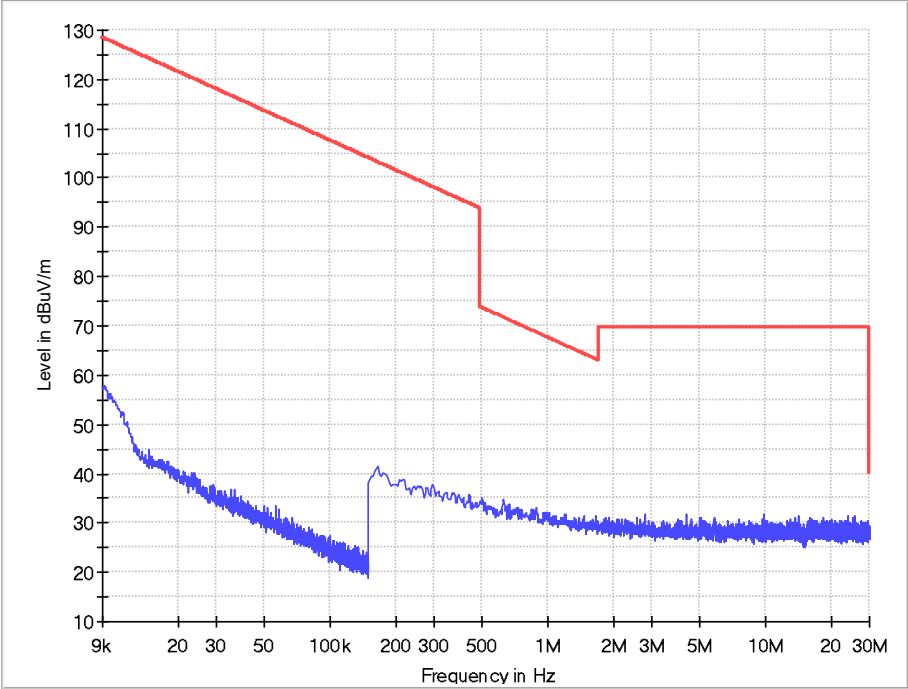
Worst case is shown below for 30MHz-960MHz only.

Table 8 Radiated Emission Test Data 30MHz-960MHz

Frequency (MHz)	Cable Loss +preamp (dB)	Antenna Factor (dB)	Reading (dBμV/m)	Level (dBμV/m)	Polarity (Horizontal/ Vertical)	Limit (dBμV/m)	Margin (dB)	Note
44.186	0.7	13.6	-2.4	11.9	Horizontal	40.0	28.1	QP
55.705	0.9	13.0	-0.3	13.6	Horizontal	40.0	26.4	QP
103.72	1.2	13.2	-2.3	12.1	Horizontal	43.5	31.4	QP
240.005	1.9	12.1	-1.3	12.7	Horizontal	46.0	33.3	QP
287.898	2.0	12.7	3.0	17.7	Horizontal	46.0	28.3	QP
820.186	3.6	20.1	-0.5	23.2	Horizontal	46.0	22.8	QP
32.303	0.7	12.3	-0.4	12.6	Vertical	40	27.4	QP
41.882	0.7	13.6	-1.6	12.7	Vertical	40	27.3	QP
54.977	0.8	13.3	-2.2	11.9	Vertical	40	28.1	QP
188.837	1.6	9.7	-0.4	10.9	Vertical	43.5	32.6	QP
375.683	2.3	14.3	-0.5	16.1	Vertical	46	29.9	QP
714.941	3.3	18.8	1.4	23.5	Vertical	46	22.5	QP

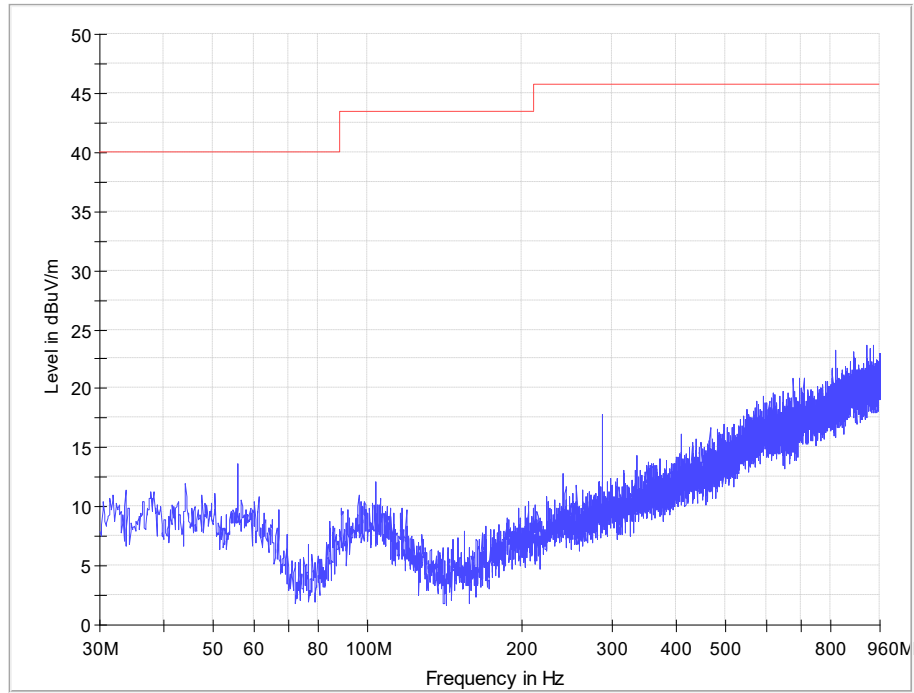
Remark: Emission level (dBuV)=Read Value(dBuV/m) + Antenna Factor(dB)+ Cable Loss +preamp(dB)

9kHz-30MHz

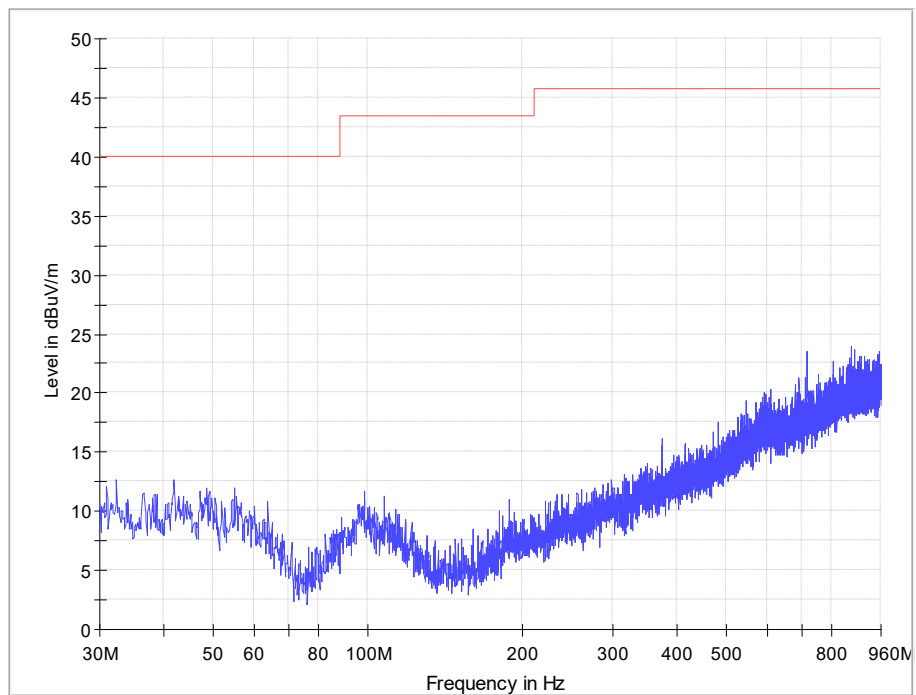


30 MHz-960 MHz

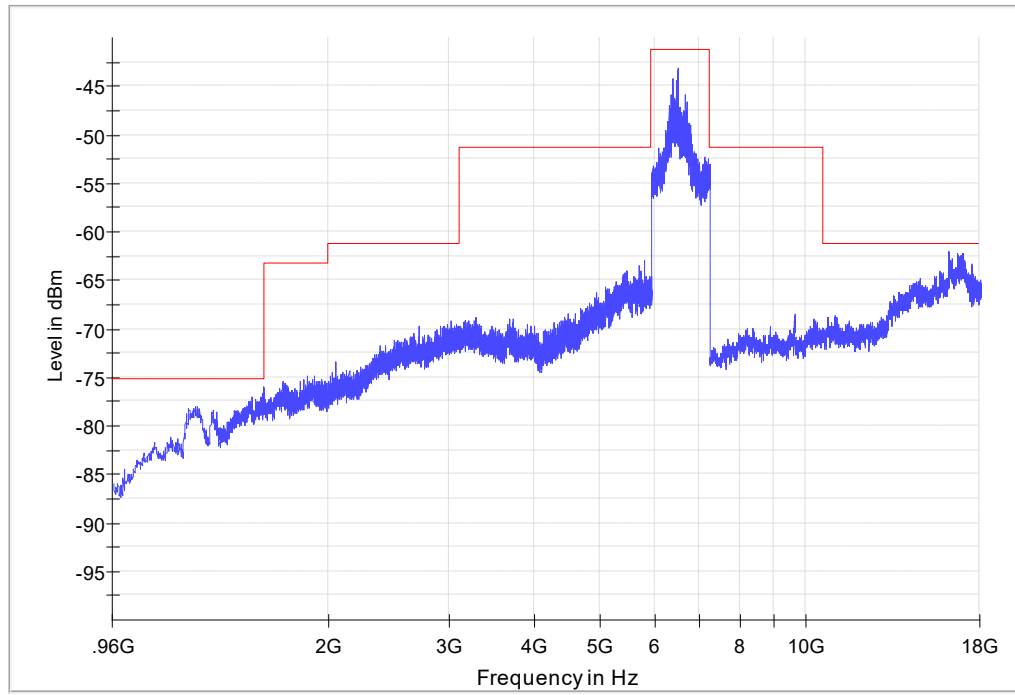
Horizontal



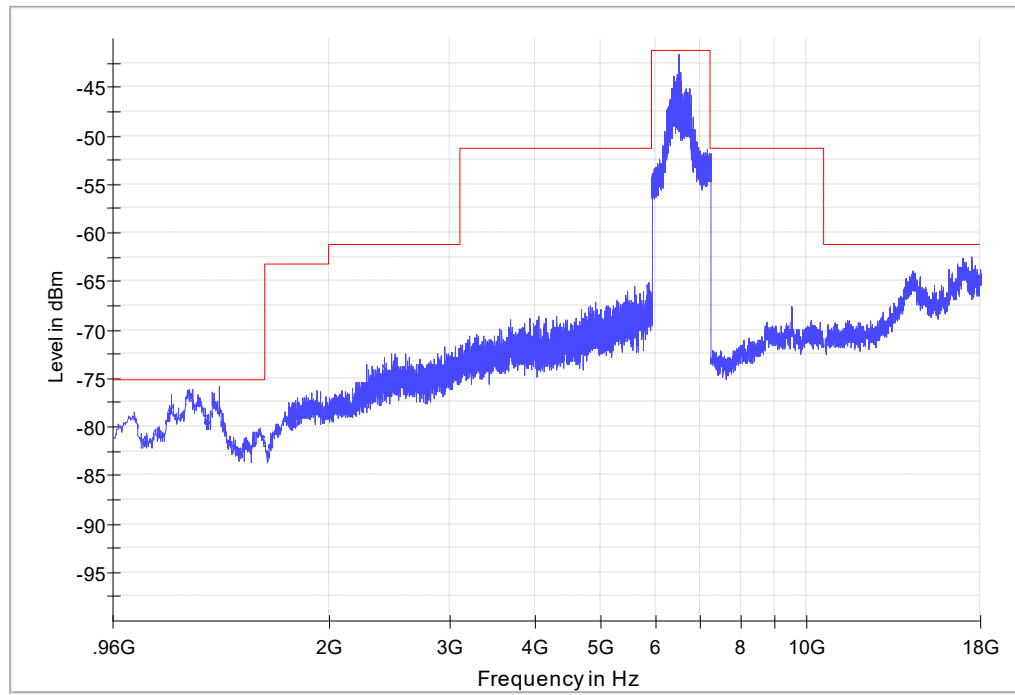
Vertical



960 MHz-18 GHz
Horizontal



Vertical



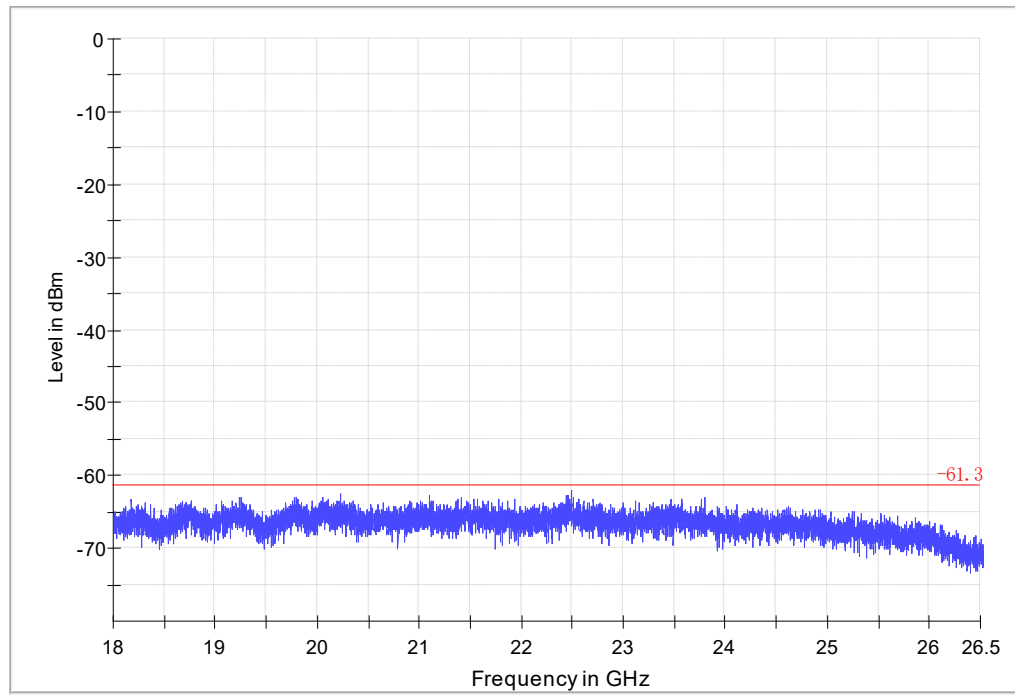
Ref -24 dBm Att 0 dB SWT 20 ms
 RBW 1 MHz VRW 3 MHz Marker 1 [T1] -46.03 dBm
 6.48833333 GHz

-25 OFFset 9.2 dB
 -30
 -35
 -40
 -45
 -50
 -55
 -60

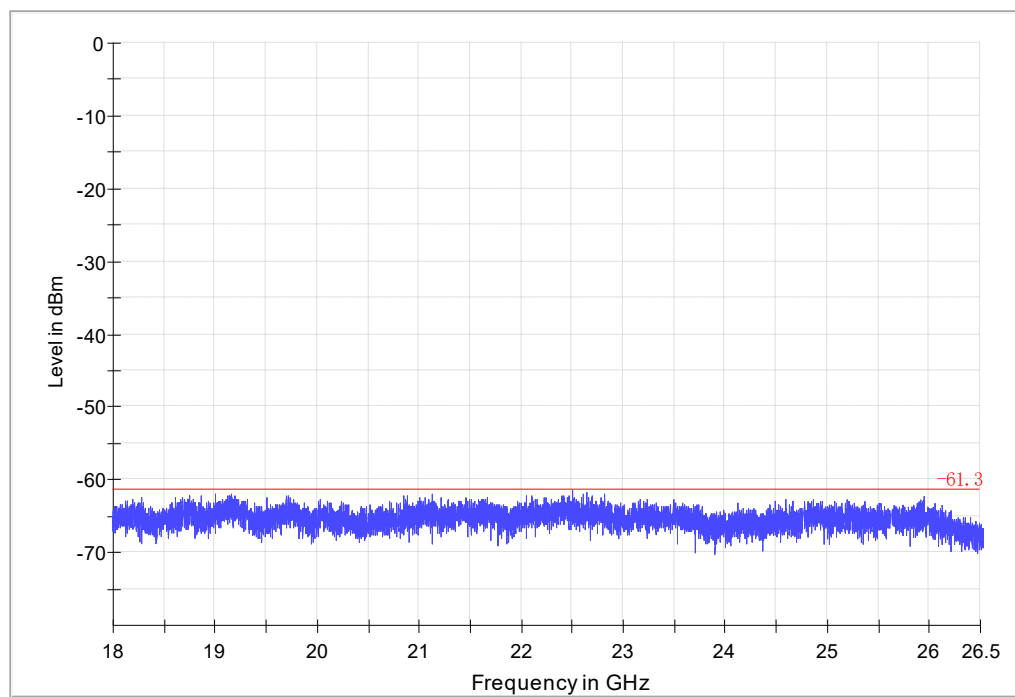
01 -41.53 dBm
 1

Center 6.5 GHz 100 MHz/ Span 1 GHz

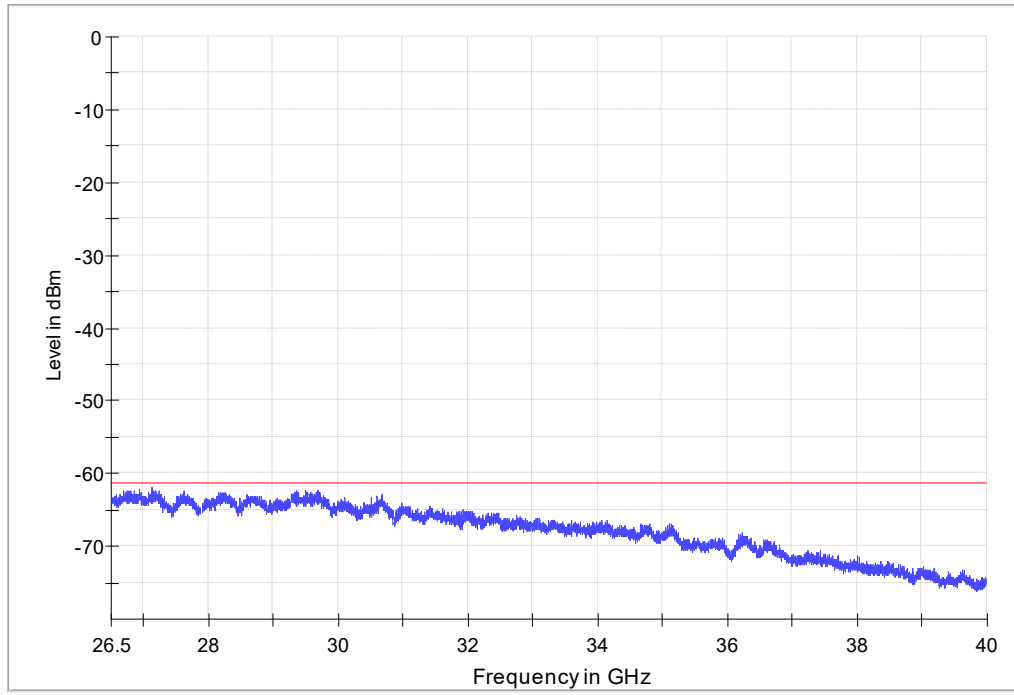
18- 26.5GHz Horizontal



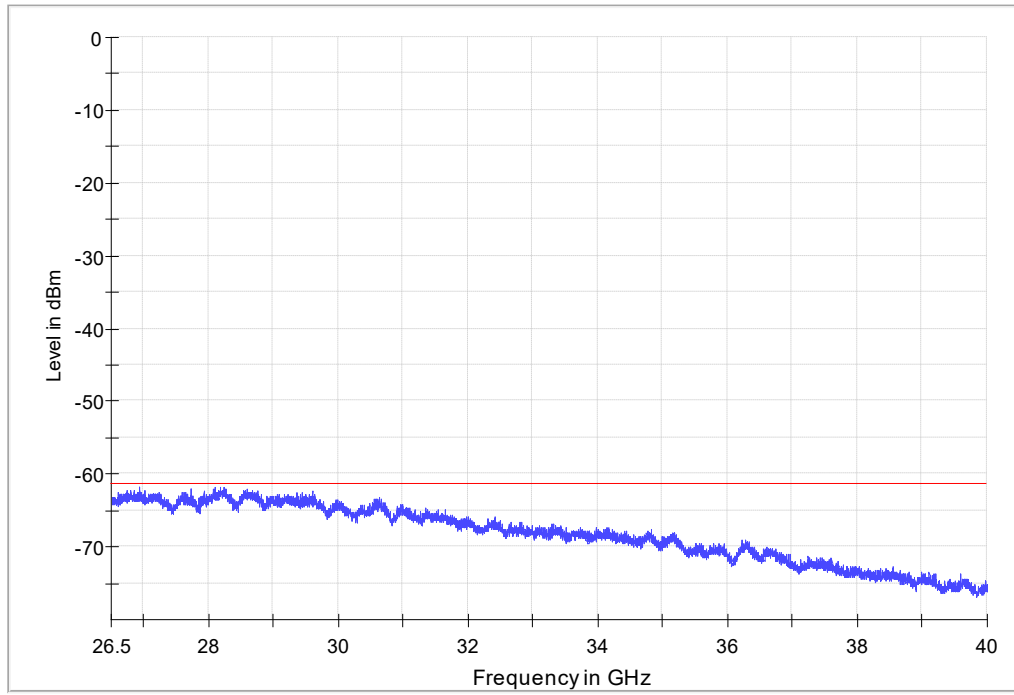
Vertical



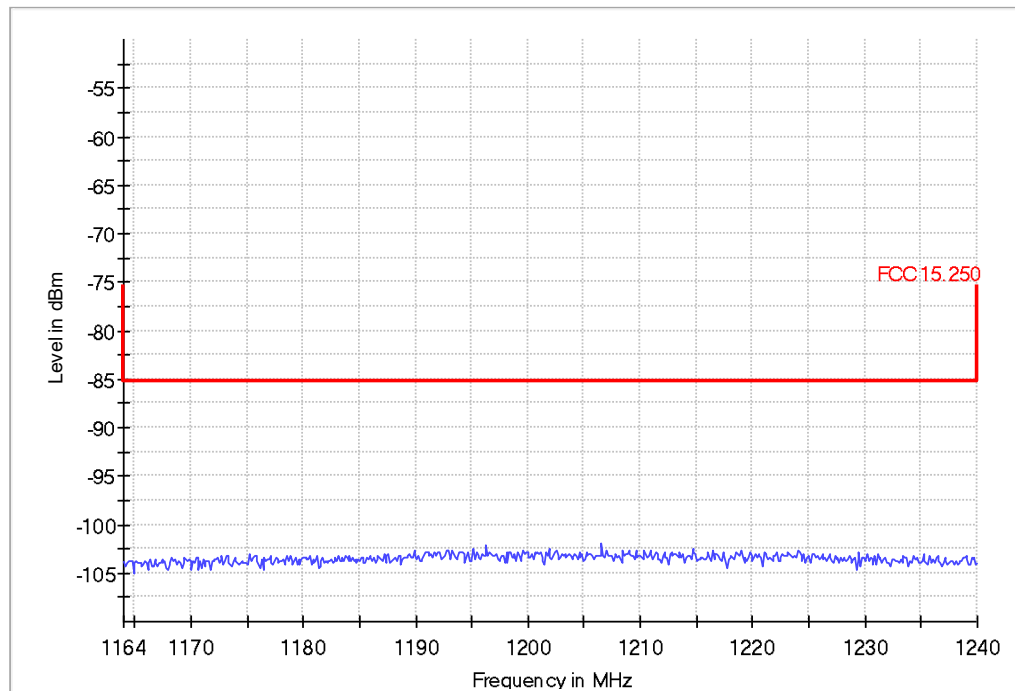
26.5- 40GHz Horizontal



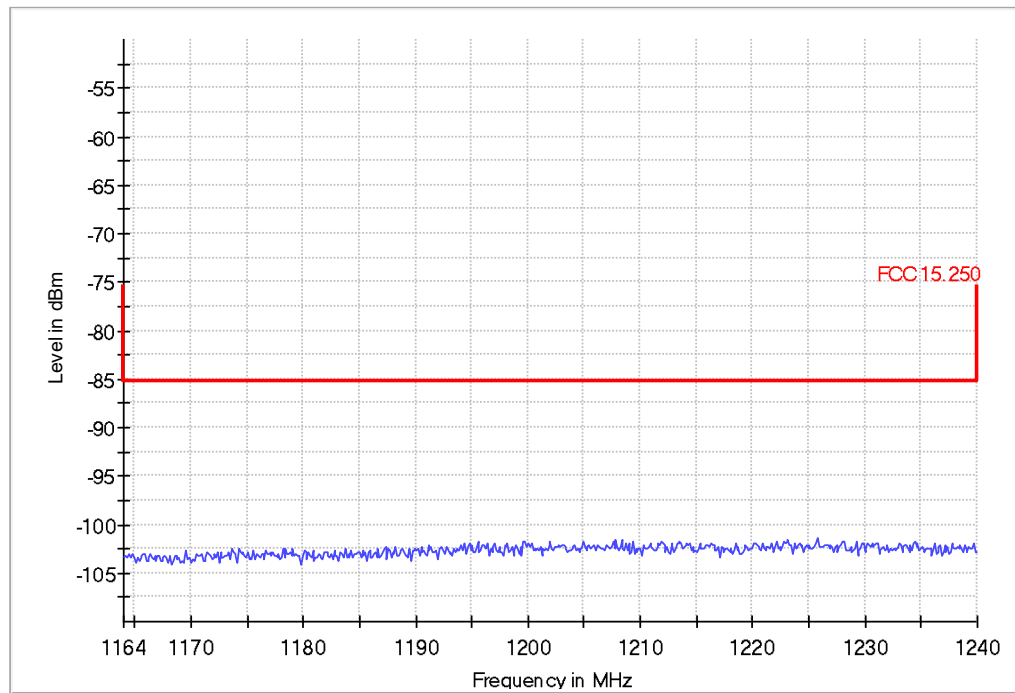
Vertical



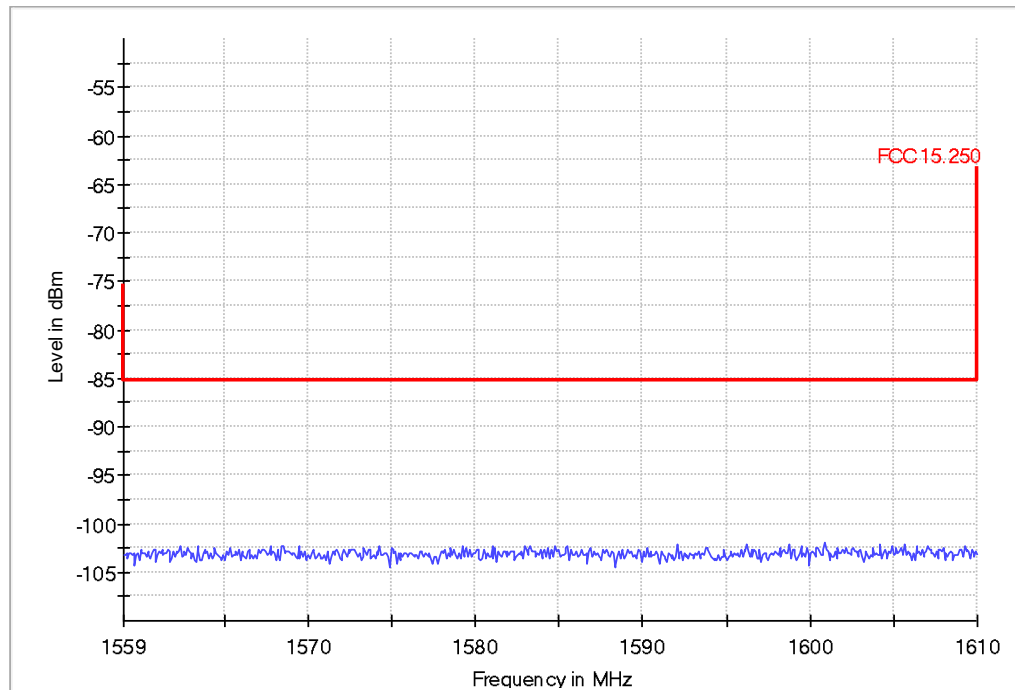
1164 MHz- 1240 MHz
Horizontal



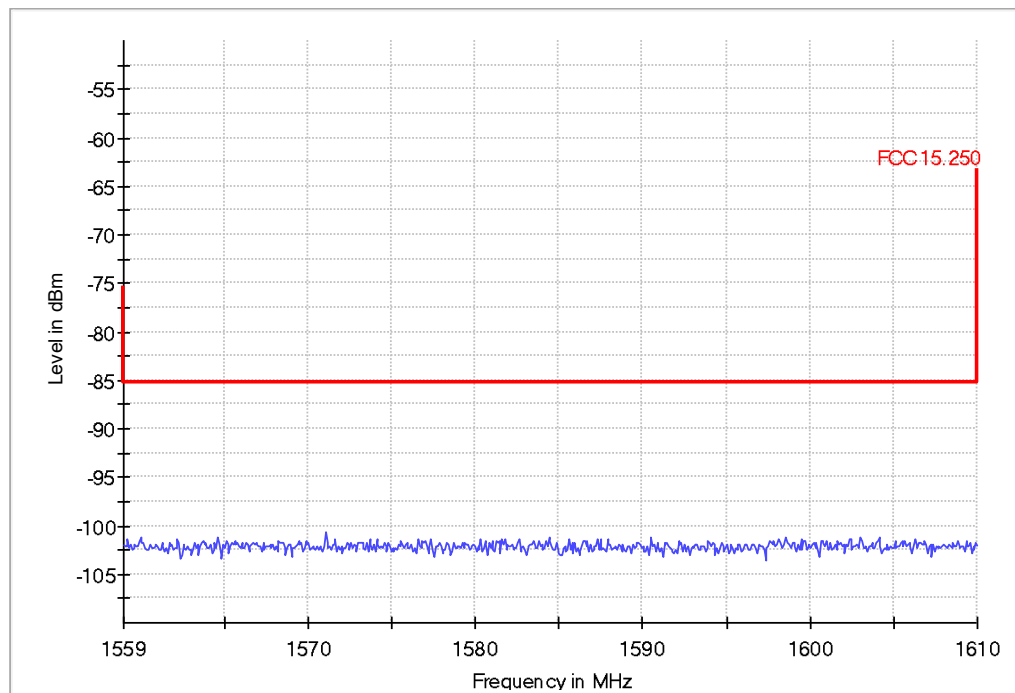
Vertical



1559 MHz- 1610 MHz
Horizontal



Vertical



6. PEAK E.I.R.P. LEVEL

6.1. Test Standard and Limit

6.1.1. Test Standard

FCC Part 15 15.250 (d)

6.1.2. Test Limit

There is a limit on the peak level of the emissions contained within a 50 MHz bandwidth centered on the frequency at which the highest radiated emission occurs and this 50 MHz bandwidth must be contained within the 5925-7250 MHz band. The peak EIRP limit is $20 \log (RBW/50)$ dBm where RBW is the resolution bandwidth in megahertz that is employed by the measurement instrument. RBW shall not be lower than 1 MHz or greater than 50 MHz. The video bandwidth of the measurement instrument shall not be less than RBW. If RBW is greater than 3 MHz, the application for certification filed with the Commission shall contain a detailed description of the test procedure, calibration of the test setup, and the instrumentation employed in the testing.

6.2. Test Procedure

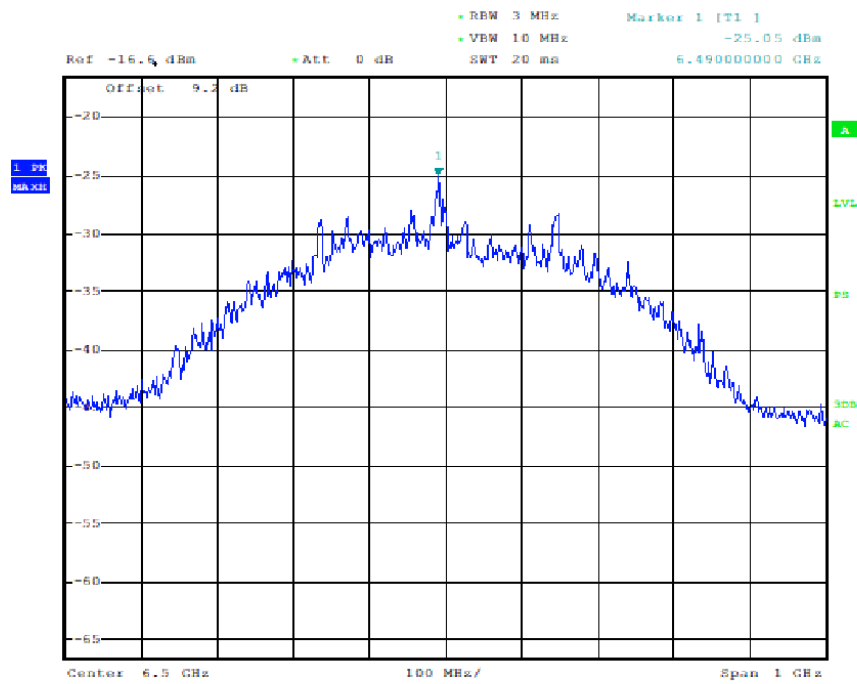
1. The testing follows the guidelines in ANSI C63.10.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT is placed on a non-conductive table, which is 1.5 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: $\text{Antenna Factor} + \text{Cable Loss} + \text{Read Level} - \text{Preamp Factor} = \text{Level}$
6. The peak detector of the instrument is selected and the maximum hold feature activated. The RBW is set to 3 MHz and the VBW is set to 10 MHz.
7. It is acceptable to employ an RBW of less than 50 MHz (but no less than 1 MHz) when performing the required peak power measurements. When this approach is employed, the peak emissions EIRP limit (0 dBm / 50 MHz) is converted to a limit commensurate with the RBW by employing a $[20 \log (RBW/50 \text{ MHz})]$ relationship.

When a resolution bandwidth of less than 50 MHz is used, this measurement shall be performed over a 50 MHz span centered on the frequency associated with the highest detected average emission level

Table 9 Peak e.i.r.p level test data

Test Mode	Peak e.i.r.p level (dBm)	Limit ^{note1} (dBm)	Margin (dB)	Verdict
Test Mode 1	-25.05	-24.44	0.61	PASS

Note1: The peak EIRP limit is $20 \log (RBW/50)$ dBm=-24.44 dBm



7. CONDUCTED EMISSION TEST FOR AC POWER PORT MEASUREMENT

7.1. Test Standard and Limit

7.1.1. Test Standard

FCC Part 15 15.207

7.1.2. Test Limit

Table 10 Conducted Disturbance Test Limit

Frequency	Maximum RF Line Voltage (dB μ V)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

* Decreasing linearly with logarithm of the frequency

* The lower limit shall apply at the transition frequency.

7.2. Test Procedure

The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI test receiver is used to test the emissions from both sides of AC line. According to the requirements of ANSI C63.10 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

7.3. Test Arrangement

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

7.4. Test Data

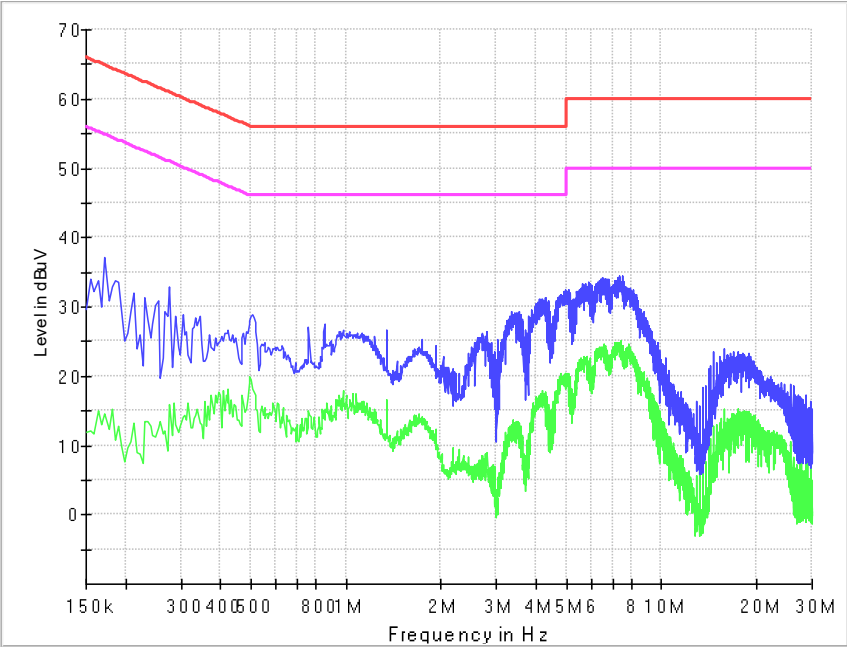
The emissions don't show in below are too low against the limits. Refer to the test curves.

Table 11 Conducted Emission Test Data

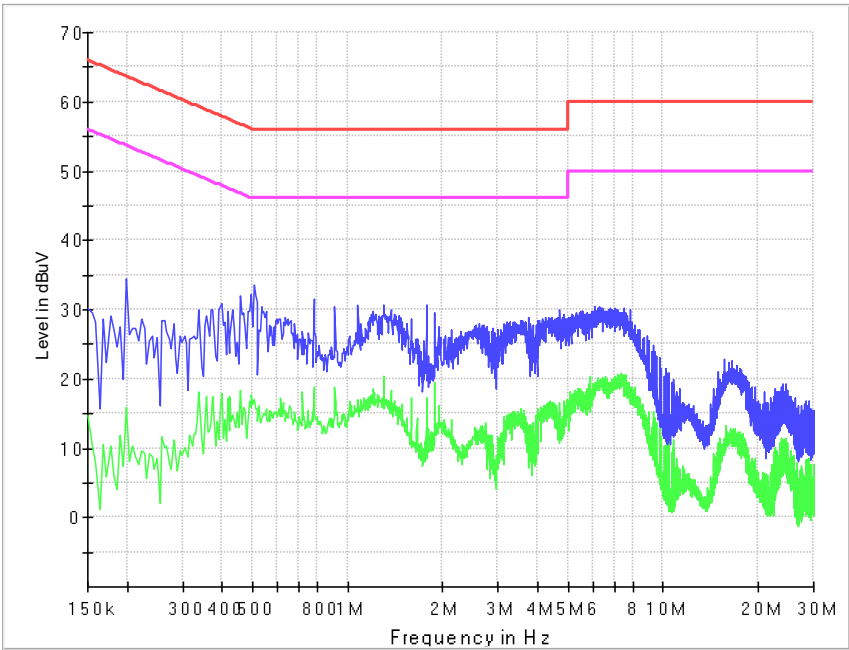
Test mode: 1								
	Frequency (MHz)	Correction Factor (dB)	Quasi-Peak			Average		
			Reading (dB μ V)	Emission Level (dB μ V)	Limit (dB μ V)	Reading (dB μ V)	Emission Level (dB μ V)	Limit (dB μ V)
Line	0.186	9.7	20.4	30.1	64.2	3.8	13.5	54.2
	0.213	9.7	18.1	27.8	63.1	0.8	10.5	53.1
	0.276	9.7	12.9	22.6	60.9	3.1	12.8	50.9
	0.505	9.8	16.6	26.4	56	-3.9	5.9	46
	0.856	9.8	12.5	22.3	56	5.1	14.9	46
	7.305	10.0	20.1	30.1	60	14.4	24.4	50
Neutral	0.199	9.7	12.8	22.5	63.7	0.1	9.8	53.7
	0.397	9.7	15.2	24.9	57.9	8.8	18.5	47.9
	0.505	9.8	18.7	28.5	56	8.0	17.8	46
	0.780	9.8	12.4	22.2	56	3.5	13.3	46
	1.070	9.8	13.1	22.9	56	6.4	16.2	46
	1.779	9.8	9.8	19.6	56	2.5	12.3	46

REMARKS: 1. Emission level (dB μ V) =Read Value (dB μ V) + Correction Factor (dB)
2. Correction Factor (dB) =LISN Factor (dB) + Cable Factor (dB) +Limiter Factor (dB)
3. The other emission levels were very low against the limit.

Line



Neutral



8. -10 DB BANDWIDTH

8.1. Test Standard and Limit

8.1.1. Test Standard

FCC part 15 15.250(a)(b)

8.1.2. Test Limit

1. The -10 dB bandwidth of a device operating under the provisions of this section must be contained within the 5925-7250 MHz band under all conditions of operation including the effects from stepped frequency
2. The -10 dB bandwidth of the fundamental emission shall be at least 50 MHz.

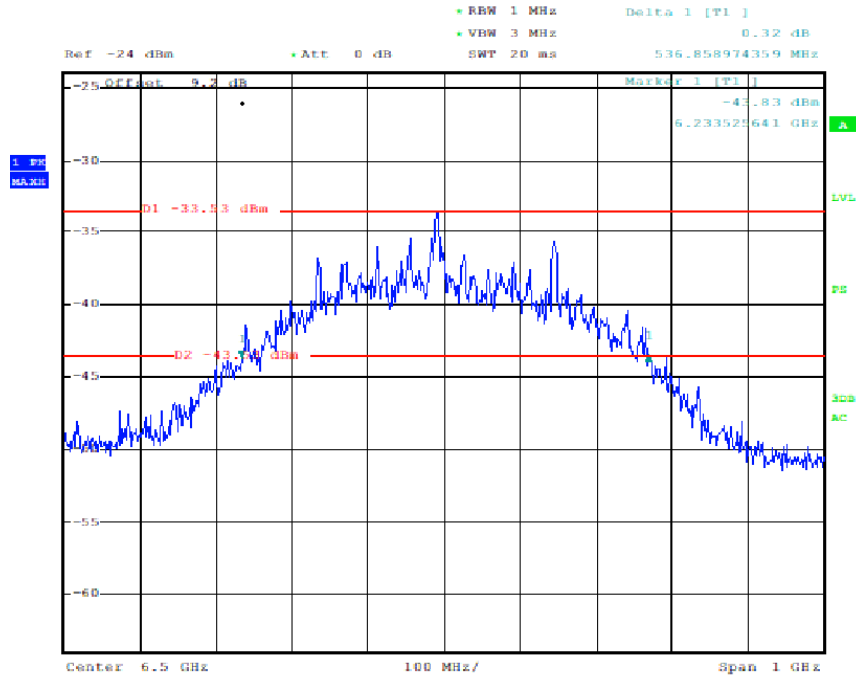
8.2. Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 1 MHz RBW and VBW=3 MHz. The -10 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 10 dB.

8.3. Test Data

Table 12 -10 dB bandwidth Test Data

Test Mode	Lowest frequency F _L (MHz)	Highest frequency F _H (MHz)	Permitted frequency range (MHz)	-10 dB bandwidth (MHz)	Required -10 dB bandwidth (MHz)	Verdict
Test Mode 1	6233.525	6770.384	5925-7250	536.859	>50.0	PASS



9. ANTENNA REQUIREMENTS

15.203 requirements:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

9.1. Antenna Connector

Antenna Connector is on the PCB within enclosure.

END OF REPORT