



FCC Radio Test Report

FCC ID: 2ADUTLGPAU0H

This report concerns: Original Grant

Project No. : 2511C318
Equipment : Panda Wireless® PAU0H WiFi7 Bluetooth Wireless M2 Module
Brand Name : Panda Wireless
Model Name : PAU0H, IGU0H
Applicant : Panda Wireless, Inc.
Address : 15559 Union Ave., Suite 300, Los Gatos , CA95032, USA
Manufacturer : Panda Wireless, Inc.
Address : 15559 Union Ave., Suite 300, Los Gatos , CA95032, USA
Factory : Panda Wireless, Inc.
Address : 15559 Union Ave., Suite 300, Los Gatos , CA95032, USA
Date of Receipt : Nov. 13, 2025
Date of Test : Nov. 13, 2025 ~ Apr. 14, 2026
Issued Date : Jun. 09, 2026
Test Sample : Engineering Sample No.: DG920260116355 for power,
DG92025111351 for other items.
Standard(s) : FCC CFR Title 47, Part 15, Subpart C

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan).

Prepared by : Terry Deng
Terry Deng

Approved by : Chay Cai
Chay Cai

No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

Tel: +86-769-8318-3000

Web: www.newbtl.com

Service mail: btl_qa@newbtl.com

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacturer's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

Table of Contents	Page
REVISION HISTORY	6
1 . APPLICABLE STANDARDS	7
2 . SUMMARY OF TEST RESULTS	7
2.1 TEST FACILITY	8
2.2 MEASUREMENT UNCERTAINTY	8
2.3 TEST ENVIRONMENT CONDITIONS	9
3 . GENERAL INFORMATION	10
3.1 GENERAL DESCRIPTION OF EUT	10
3.2 DESCRIPTION OF TEST MODES	11
3.3 PARAMETERS OF TEST SOFTWARE	12
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	13
3.5 SUPPORT UNITS	13
3.6 CUSTOMER INFORMATION DESCRIPTION	13
4 . AC POWER LINE CONDUCTED EMISSIONS	14
4.1 LIMIT	14
4.2 TEST PROCEDURE	14
4.3 DEVIATION FROM TEST STANDARD	14
4.4 TEST SETUP	15
4.5 EUT OPERATING CONDITIONS	15
4.6 TEST RESULTS	15
5 . RADIATED EMISSIONS	16
5.1 LIMIT	16
5.2 TEST PROCEDURE	17
5.3 DEVIATION FROM TEST STANDARD	18
5.4 TEST SETUP	18
5.5 EUT OPERATING CONDITIONS	20
5.6 TEST RESULTS - 9 KHZ TO 30 MHZ	20
5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ	20
5.8 TEST RESULTS - ABOVE 1000 MHZ	20
6 . NUMBER OF HOPPING FREQUENCY	21
6.1 LIMIT	21
6.2 TEST PROCEDURE	21
6.3 DEVIATION FROM STANDARD	21

Table of Contents	Page
6.4 TEST SETUP	21
6.5 EUT OPERATION CONDITIONS	21
6.6 TEST RESULTS	21
7 . AVERAGE TIME OF OCCUPANCY	22
7.1 LIMIT	22
7.2 TEST PROCEDURE	22
7.3 DEVIATION FROM STANDARD	22
7.4 TEST SETUP	22
7.5 EUT OPERATION CONDITIONS	22
7.6 TEST RESULTS	22
8 . HOPPING CHANNEL SEPARATION	23
8.1 LIMIT	23
8.2 TEST PROCEDURE	23
8.3 DEVIATION FROM STANDARD	23
8.4 TEST SETUP	23
8.5 EUT OPERATION CONDITIONS	23
8.6 TEST RESULTS	23
9 . BANDWIDTH	24
9.1 LIMIT	24
9.2 TEST PROCEDURE	24
9.3 DEVIATION FROM STANDARD	24
9.4 TEST SETUP	24
9.5 EUT OPERATION CONDITIONS	24
9.6 TEST RESULTS	24
10 . MAXIMUM OUTPUT POWER	25
10.1 LIMIT	25
10.2 TEST PROCEDURE	25
10.3 DEVIATION FROM STANDARD	25
10.4 TEST SETUP	25
10.5 EUT OPERATION CONDITIONS	25
10.6 TEST RESULTS	25
11 . CONDUCTED SPURIOUS EMISSION	26
11.1 LIMIT	26
11.2 TEST PROCEDURE	26

Table of Contents	Page
11.3 DEVIATION FROM STANDARD	27
11.4 TEST SETUP	27
11.5 EUT OPERATION CONDITIONS	27
11.6 TEST RESULTS	27
12 . MEASUREMENT INSTRUMENTS LIST	28
13 . EUT TEST PHOTO	31
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS	37
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ	40
APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ	45
APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ	48
APPENDIX E - NUMBER OF HOPPING FREQUENCY	63
APPENDIX F - AVERAGE TIME OF OCCUPANCY	65
APPENDIX G - HOPPING CHANNEL SEPARATION	67
APPENDIX H - BANDWIDTH	69
APPENDIX I - MAXIMUM OUTPUT POWER	71
APPENDIX J - CONDUCTED SPURIOUS EMISSION	73
APPENDIX K - DECLARATION FOR BLUETOOTH DEVICE	76

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2511C318	R00	Original Report.	Jun. 09, 2026	Valid

1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standard:

ANSI C63.10-2020

The following reference test guidance is not within the scope of accreditation of A2LA:

KDB 558074 D01 15.247 Meas Guidance v05r02

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart C				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.247(d) 15.205(a) 15.209(a)	Radiated Emission	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.247 (a)(1)(iii)	Number of Hopping Frequency	APPENDIX E	PASS	-----
15.247 (a)(1)(iii)	Average Time of Occupancy	APPENDIX F	PASS	-----
15.247(a)(1)	Hopping Channel Separation	APPENDIX G	PASS	-----
15.247(a)(1)	Bandwidth	APPENDIX H	PASS	-----
15.247(a)(1)	Maximum Output Power	APPENDIX I	PASS	-----
15.247(d)	Conducted Spurious Emission	APPENDIX J	PASS	-----
15.203	Antenna Requirement	-----	PASS	Note(2)

Note:

(1) "N/A" denotes test is not applicable in this test report

(2) The device what use a non-standard antenna jack were considered sufficient to comply with the provisions of 15.203.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of
1# For radiated 1GHz to 18GHz: Room 102 & 702, Building A3, No.9, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.
2# For other items: No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.
BTL's Registration Number for FCC: 747969
BTL's Designation Number for FCC: CN1377

2.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95.45% confidence level (based on a coverage factor (k=2))
The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLC02	CISPR	150kHz ~ 30MHz	2.66

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLCB03	CISPR	9kHz ~ 30MHz	2.26

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DGDLCB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.40
		30MHz ~ 200MHz	H	3.62
		200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	H	3.98

Test Site	Method	Measurement Frequency Range	U,(dB)
DGGDCB01 (3m)	CISPR	1GHz ~ 18GHz	3.98

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLCB03 (1m)	CISPR	18 ~ 26.5 GHz	4.30

C. Other Measurement:

Test Item	Uncertainty
Conducted Spurious Emission	2.1 dB
Conducted Bandedge Emission	1.7 dB
Maximum Output Power	1.3 dB
Bandwidth	0.75 %
Temperature	0.7 °C
Humidity	1.7 %

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	22°C	51%	AC 120V/60Hz	Hayden Chen
Radiated Emissions -9 kHz to 30 MHz	22°C	50%	DC 3.3V	Hayden Chen
Radiated Emissions -30 MHz to 1000 MHz	22°C	50%	DC 3.3V	Torin Long
Radiated Emissions -1000 MHz to 18000 MHz	24-25°C	41-44%	DC 3.3V	Lafu Li
Radiated Emissions -Above 18000 MHz	22°C	50%	DC 3.3V	Torin Long
Number of Hopping Frequency	25°C	50%	DC 3.3V	Jensen Zhou
Average Time of Occupancy	25°C	50%	DC 3.3V	Jensen Zhou
Hopping Channel Separation	25°C	50%	DC 3.3V	Jensen Zhou
Bandwidth	25°C	50%	DC 3.3V	Jensen Zhou
Maximum Output Power	24°C	40%	DC 3.3V	Arvin Tong
Conducted Spurious Emission	25°C	50%	DC 3.3V	Jensen Zhou

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Panda Wireless® PAU0H WiFi7 Bluetooth Wireless M2 Module
Brand Name	Panda Wireless
Test Model	PAU0H
Model Name	PAU0H, IGU0H
Model Difference(s)	Only differ in model name.
Hardware Version	V12
Software Version	MTK_WIFI7_WHQL_WLAN_V24.20.3.35_BT_V24.20.3.35_Rel_20241018
Power Source	DC Power supply.
Power Rating	DC 3.3V
Operation Frequency	2402 MHz ~ 2480 MHz
Modulation Type	GFSK, $\pi/4$ -DQPSK, 8-DPSK
Bit Rate of Transmitter	1Mbps, 2Mbps, 3Mbps
Max. Output Power	1Mbps: 9.73 dBm (0.0094 W)

Note:

- The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

2. Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	27	2429	54	2456
01	2403	28	2430	55	2457
02	2404	29	2431	56	2458
03	2405	30	2432	57	2459
04	2406	31	2433	58	2460
05	2407	32	2434	59	2461
06	2408	33	2435	60	2462
07	2409	34	2436	61	2463
08	2410	35	2437	62	2464
09	2411	36	2438	63	2465
10	2412	37	2439	64	2466
11	2413	38	2440	65	2467
12	2414	39	2441	66	2468
13	2415	40	2442	67	2469
14	2416	41	2443	68	2470
15	2417	42	2444	69	2471
16	2418	43	2445	70	2472
17	2419	44	2446	71	2473
18	2420	45	2447	72	2474
19	2421	46	2448	73	2475
20	2422	47	2449	74	2476
21	2423	48	2450	75	2477
22	2424	49	2451	76	2478
23	2425	50	2452	77	2479
24	2426	51	2453	78	2480
25	2427	52	2454		
26	2428	53	2455		

3. Table for Filed Antenna:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	Tengxiang Technology. Inc	AN2457-33LBC0 3RS-B	Dipole	IPEX	3.85

3.2 DESCRIPTION OF TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX Mode_1Mbps Channel 00/39/78
Mode 2	TX Mode_2Mbps Channel 00/39/78
Mode 3	TX Mode_3Mbps Channel 00/39/78
Mode 4	TX Mode_1Mbps Channel 00

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Final Test Mode	Description
Mode 4	TX Mode_1Mbps Channel 00

Radiated emissions test - Below 1GHz & Above 18 GHz	
Final Test Mode	Description
Mode 4	TX Mode_1Mbps Channel 00

Radiated emissions test - 1 GHz - 18 GHz	
Final Test Mode	Description
Mode 1	TX Mode_1Mbps Channel 00/39/78
Mode 3	TX Mode_3Mbps Channel 00/39/78

Maximum Output Power	
Final Test Mode	Description
Mode 1	TX Mode_1Mbps Channel 00/39/78
Mode 2	TX Mode_2Mbps Channel 00/39/78
Mode 3	TX Mode_3Mbps Channel 00/39/78

Other Conducted test	
Final Test Mode	Description
Mode 1	TX Mode_1Mbps Channel 00/39/78
Mode 3	TX Mode_3Mbps Channel 00/39/78

Note:

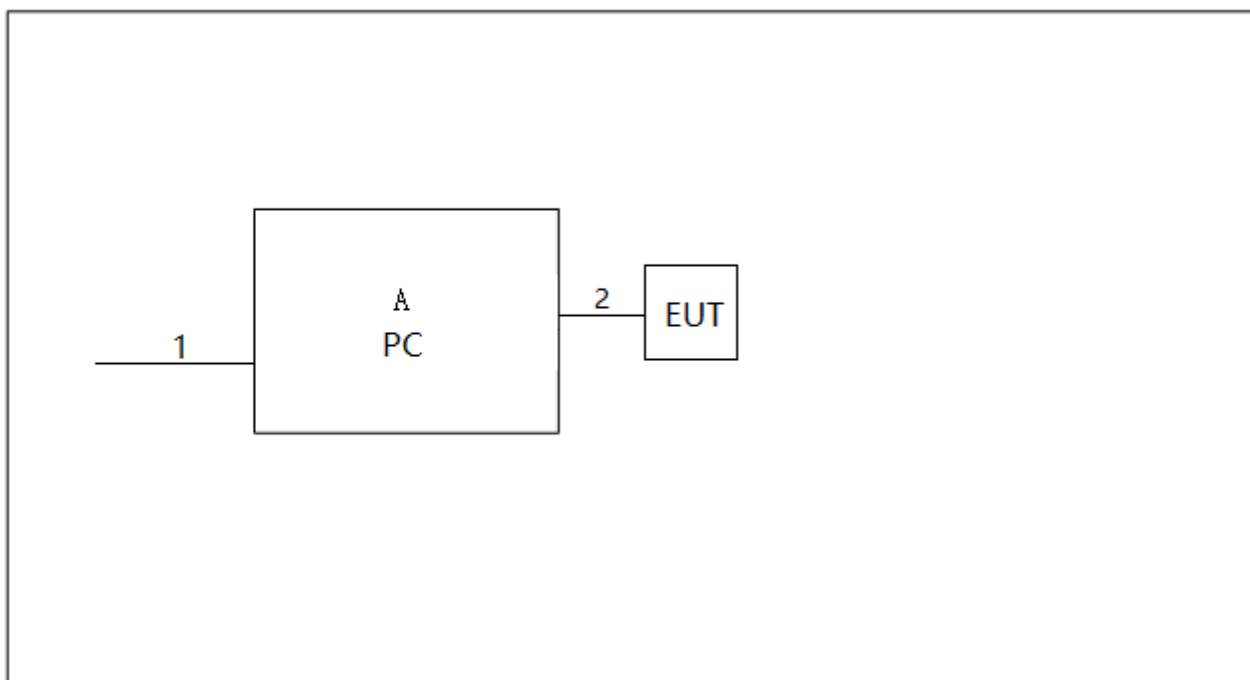
- (1) The measurements for Output Power were tested with DH1/3/5 during 1Mbps, 2Mbps and 3Mbps, the worst case were 1Mbps (DH5) and 3Mbps (DH5), only worst case were documented for other test items except Average Time of Occupancy.
- (2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (3) For AC power line conducted emissions and radiated spurious emissions below 1 GHz test, the 1Mbps Channel 00 is found to be the worst case and recorded.
- (4) For radiated emission Harmonic 18-26.5GHz test, only tested the worst case and recorded.
- (5) For radiated emission above 1 GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Vertical for Band edge, Horizontal for Harmonic. In this report only recorded the worst case.

3.3 PARAMETERS OF TEST SOFTWARE

During testing, channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

Test Software Version	Combo tool		
Frequency (MHz)	2402	2441	2480
1Mbps	11	11	15
2Mbps	15	15	15
3Mbps	15	15	15

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	PC	Lenovo	pc01468	N/A

For radiated emission (1 GHz to 18 GHz)

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	AC Cable	N/A	N/A	1.5m
2	USB Cable	N/A	N/A	2m

For AC Power Line conducted and radiated emission(Below 1GHz and above 18GHz):

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	AC Cable	N/A	N/A	1.5m
2	USB Cable	N/A	N/A	0.8m

3.6 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain is provided by the manufacturer.
- 2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. All cable losses are provided by the testing laboratory.

4. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

Frequency of Emission (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 5□ *	56 to 46*
0.5 - 5.0	56	46
5.0 - 30.0	6□	50

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.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value - Limit Value

4.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment 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. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

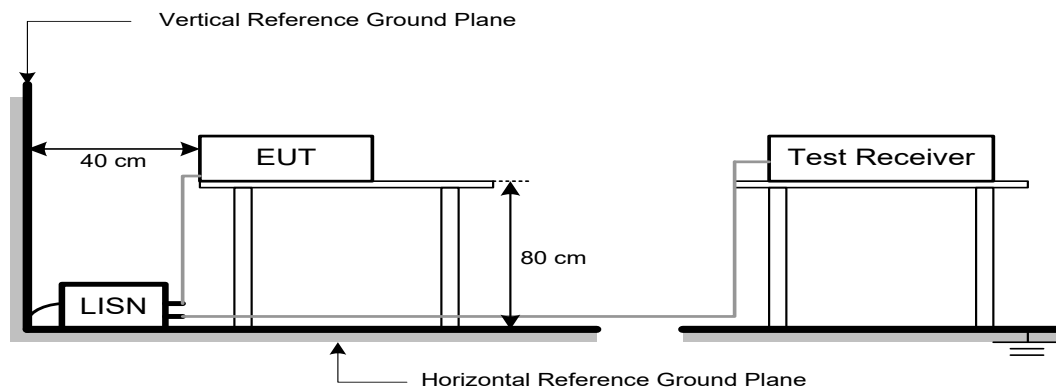
The following table is the setting of the receiver:

Receiver Parameters	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

4.3 DEVIATION FROM TEST STANDARD

No deviation.

4.4 TEST SETUP



4.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical function (as a customer would normally use it), EUT was programmed to be in continuously transmitting data or hopping on mode.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』 . If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform in this case, a "*" marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150 kHz to 30 MHz.

5. RADIATED EMISSIONS

5.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000 MHz)

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
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Band edge/ Harmonic at 3m (dBμV/m)		Harmonic at 1m (dBμV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	83.5 (Note 5)	63.5 (Note 5)

Note:

(1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

(4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

(5)

$$FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left(\frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

$20 \log (d_{\text{limit}}/d_{\text{measure}}) = 20 \log (3/1) = 9.5 \text{ dB}$.

FS_{limit} : Harmonic at 3m Peak and Average limit.

FS_{max} : Harmonic at 1m Peak and Average Maximum value.

d_{limit} : Harmonic at 3m test distance.

d_{measure} : Harmonic Actual test distance.

5.2 TEST PROCEDURE

- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- The measuring distance of 3 m or 1m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
(below 1 GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

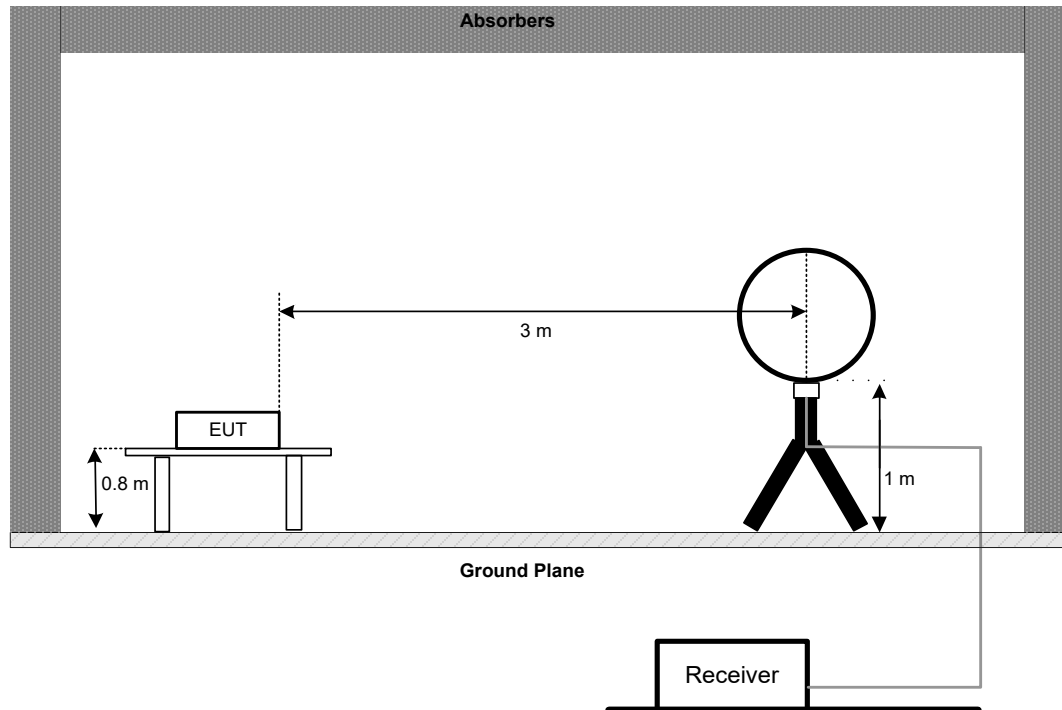
Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~26.5 GHz for PK/AVG detector

5.3 DEVIATION FROM TEST STANDARD

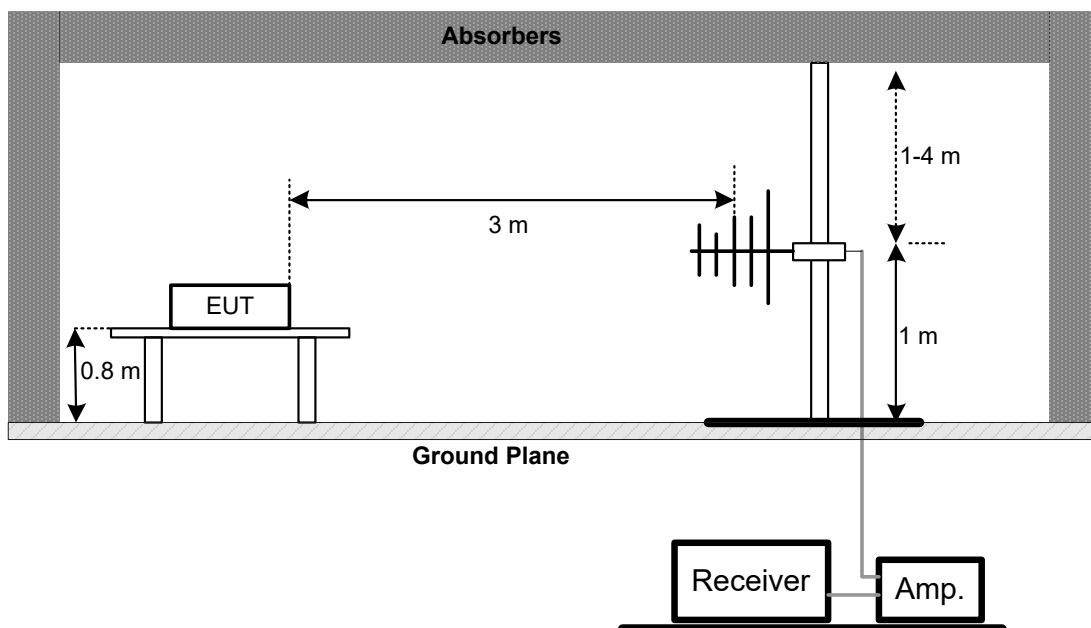
No deviation.

5.4 TEST SETUP

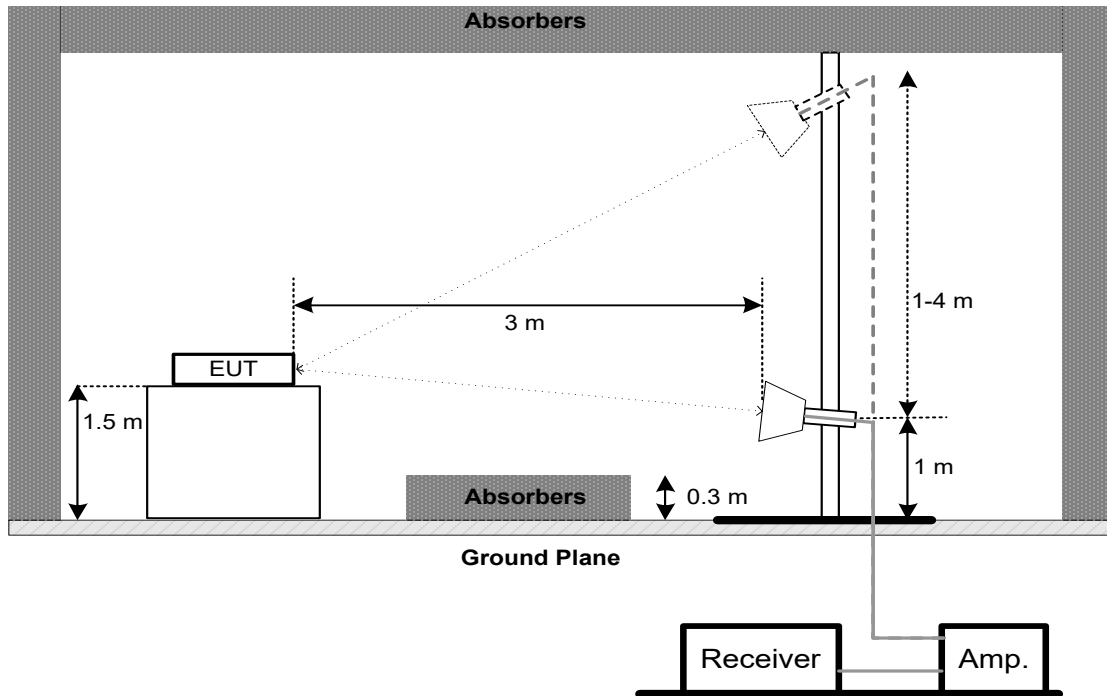
9 kHz to 30 MHz



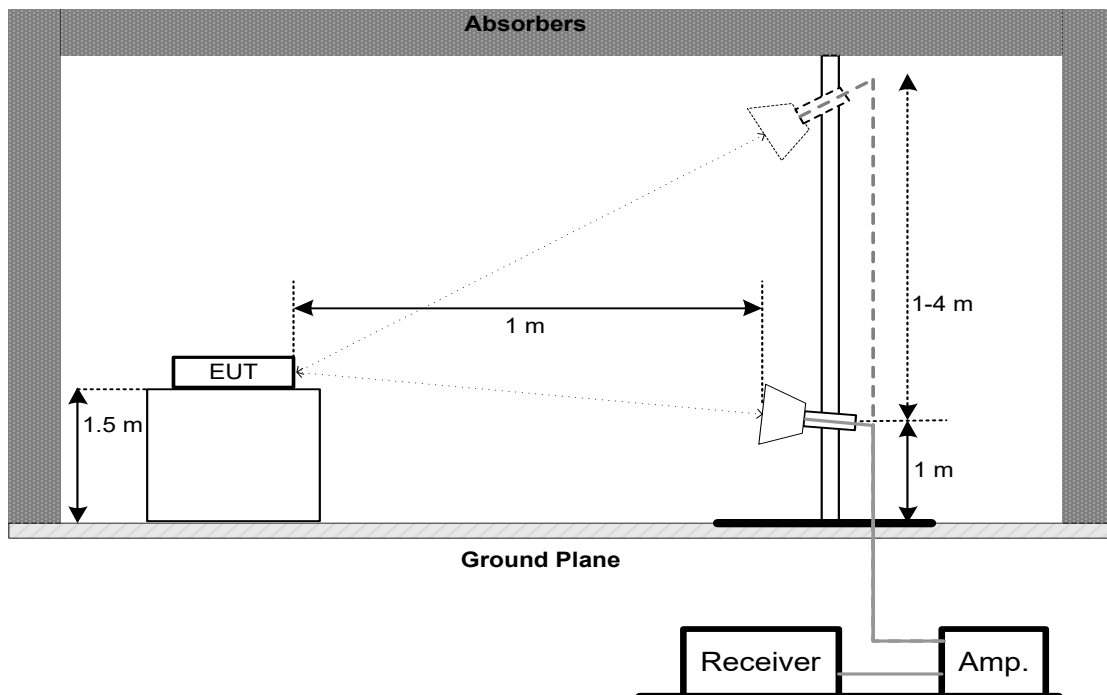
30 MHz to 1 GHz



**Above 1 GHz
Band edge & Harmonic(1 GHz to 18 GHz)**



Harmonic(18 GHz to 26.5 GHz)



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS - 9 kHz TO 30 MHz

Please refer to the APPENDIX B.

Remark:

- (1) Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

5.7 TEST RESULTS - 30 MHz TO 1000 MHz

Please refer to the APPENDIX C.

5.8 TEST RESULTS - ABOVE 1000 MHz

Please refer to the APPENDIX D.

Remark:

- (1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

6. NUMBER OF HOPPING FREQUENCY

6.1 LIMIT

Section	Test Item	Limit
FCC 15.247(a)(1)(iii)	Number of Hopping Frequency	15

6.2 TEST PROCEDURE

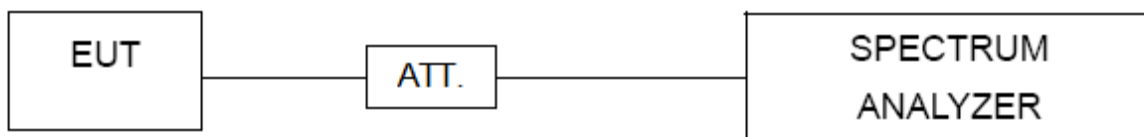
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span	Operating Frequency Range
RBW	100 kHz
VBW	100 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX E.

7. AVERAGE TIME OF OCCUPANCY

7.1 LIMIT

Section	Test Item	Limit
FCC 15.247(a)(1)(iii)	Average Time of Occupancy	0.4s

7.2 TEST PROCEDURE

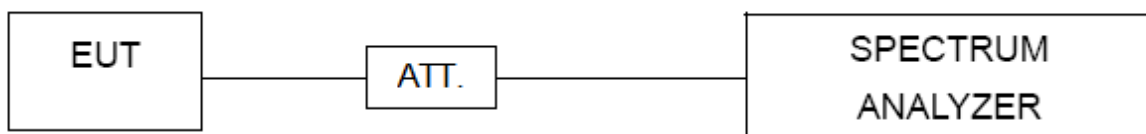
- Set the EUT for DH1, DH3 and DH5 packet transmitting.
- Measure the maximum time duration of one single pulse.
- DH1 Packet permit maximum $1600 / 79 / 2 = 10.12$ hops per second in each channel (1 time slot TX, 1 time slot RX). So, the dwell time is the time duration of the pulse times $10.12 \times 31.6 = 320$ within 31.6 seconds.
- DH3 Packet permit maximum $1600 / 79 / 4 = 5.06$ hops per second in each channel (3 time slots TX, 1 time slot RX). So, the dwell time is the time duration of the pulse times $5.06 \times 31.6 = 160$ within 31.6 seconds.
- DH5 Packet permit maximum $1600 / 79 / 6 = 3.37$ hops per second in each channel (5 time slots TX, 1 time slot RX). So, the dwell time is the time duration of the pulse times $3.37 \times 31.6 = 106.6$ within 31.6 seconds.
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span	0 Hz
RBW	300 kHz
VBW	1 MHz
Detector	Peak
Trace	Clear Write
Sweep Time	As necessary to capture the entire dwell time per hopping channel

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX F.

8. HOPPING CHANNEL SEPARATION

8.1 LIMIT

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

8.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span	Wide enough to capture the peaks of two adjacent channels
RBW	300 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the Appendix G.

9. BANDWIDTH

9.1 LIMIT

Section	Test Item
FCC 15.247(a)(1)	Bandwidth

9.2 TEST PROCEDURE

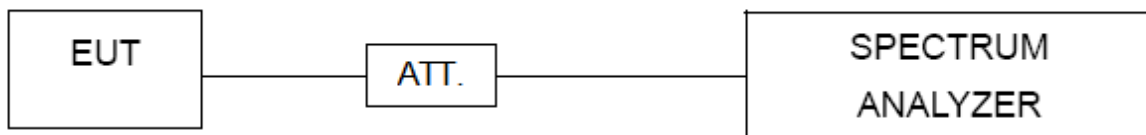
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span	> Measurement Bandwidth
RBW	30 kHz
VBW	100 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULTS

Please refer to the APPENDIX H.

10. MAXIMUM OUTPUT POWER

10.1 LIMIT

Section	Test Item	Limit
FCC 15.247(a)(1)	Maximum Output Power	0.1250 Watt or 20.97 dBm

Note: Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

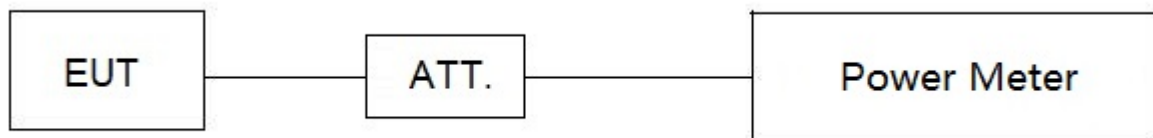
10.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The maximum conducted output power was performed in accordance with method 11.9.2.3.2 of ANSI C63.10-2020.

10.3 DEVIATION FROM STANDARD

No deviation.

10.4 TEST SETUP



10.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

10.6 TEST RESULTS

Please refer to the APPENDIX I.

11. CONDUCTED SPURIOUS EMISSION

11.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required.

11.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

For Emission Level - Band edge:

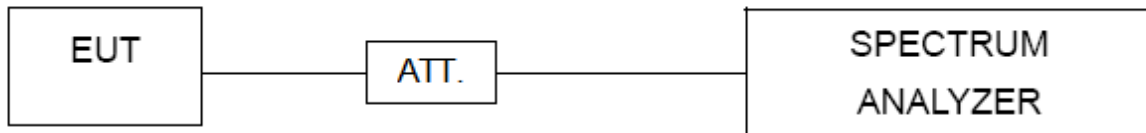
Spectrum Parameters	Setting
Start Frequency	2300 MHz
Stop Frequency	2690 MHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For Emission Level - Harmonic:

Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

11.3 DEVIATION FROM STANDARD

No deviation.

11.4 TEST SETUP**11.5 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

11.6 TEST RESULTS

Please refer to the APPENDIX J.

12. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions (Test Date: Mar. 16, 2026)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI TEST RECEIVER	R&S	ESCI	100382	Nov. 21, 2026
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Nov. 21, 2026
3	BTL_RE_System	BTL	BTL_RE_System	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M-001	9M	Jul. 08, 2026
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz (Test Date: Dec. 13, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60	00025	Mar. 01, 2026
2	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
3	Cable	RegalWay	LMR400-NMNM-6m	N/A	Apr. 26, 2026
4	Cable	RegalWay	LMR400-NMRANM-3.5 m	N/A	Apr. 26, 2026
5	966 Chamber room	CM	9*6*6	N/A	May 09, 2026
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz (Test Date: Dec. 13, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	947	Oct. 27, 2026
2	Attenuator	EMCI	EMCI-N-6-06	AT-N0670	Oct. 27, 2026
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	May 17, 2026
4	Cable	RegalWay	LMR400-NMNM-12.5m	N/A	Jun. 04, 2026
5	Cable	RegalWay	LMR400-NMNM-3m	N/A	Jun. 04, 2026
6	Cable	RegalWay	LMR400-NMNM-0.5m	N/A	Jun. 04, 2026
7	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
8	Positioning Controller	MF	MF-7802	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	CM	9*6*6	N/A	May 15, 2026

Radiated Emissions - 1 GHz - 18 GHz
(Test Date: Mar. 14, 2026)

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Positioning Controller	MF	MF-7802	N/A	N/A
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	Double Ridged Horn Antenna	RF SPIN	DRH18-E	210509A18ES	Sep. 12, 2026
4	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63430227	Jul. 25, 2026
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-10000	N/A	Oct. 20, 2026
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-3000	N/A	Oct. 20, 2026
7	Cable	RegalWay	RWLP50-4.0A-SMSM-1M	N/A	Oct. 20, 2026
8	966 Chamber room	Tai He	9*6*6(NSA&VSWR)	N/A	May 18, 2026
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 28, 2026
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	COM-MW	ZHPF6-M3000-18000-174	N/A	Oct. 17, 2026

(Test Date: Mar. 18, 2026)

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Positioning Controller	MF	MF-7802	N/A	N/A
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	Double Ridged Horn Antenna	RF SPIN	DRH18-E	210509A18ES	Sep. 12, 2026
4	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63430227	Jul. 25, 2026
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-10000	N/A	Mar. 17, 2027
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-3000	N/A	Mar. 17, 2027
7	Cable	RegalWay	RWLP50-4.0A-SMSM-1M	N/A	Mar. 17, 2027
8	966 Chamber room	Tai He	9*6*6(NSA&VSWR)	N/A	May 18, 2026
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 28, 2026
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	COM-MW	ZHPF6-M3000-18000-174	N/A	Oct. 17, 2026

Radiated Emissions - Above 18 GHz
(Test Date: Dec. 13, 2025)

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Cable	Tonscend	HF160-KMKM-0.5M	N/A	Oct. 21, 2026
2	Cable	Tonscend	HF160-KMKM-5M	N/A	Oct. 21, 2026
3	Pre-Amplifier	EMC INSTRUMENT	EMC184045SE	980409	Nov. 21, 2026
4	DRG Horn Antenna	ETS	3116C	218942	Feb. 28, 2026
5	Positioning Controller	MF	MF-7802	N/A	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	May 17, 2026

**Number of Hopping Frequency &
Average Time of Occupancy &
Hopping Channel Separation &
Bandwidth &
Conducted Spurious Emission
(Test Date: Mar. 16, 2026)**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	FSV Signal & Spectrum Analyzer	R&S	FSV3044	101682	Oct. 17, 2026
2	CTA	BTL	CTA	N/A	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A
4	Cable	RegalWay	N/A	RWP50-402-SMSM-1M	N/A

**Maximum Output Power
(Test Date: Mar. 11, 2026)**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	May 17, 2026
2	Wideband power sensor	Keysight	N1923A	MY58310004	May 17, 2026
3	Isolation attenuator	Z-Link	ASMA-10-18-2W	N/A	N/A

Remark "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

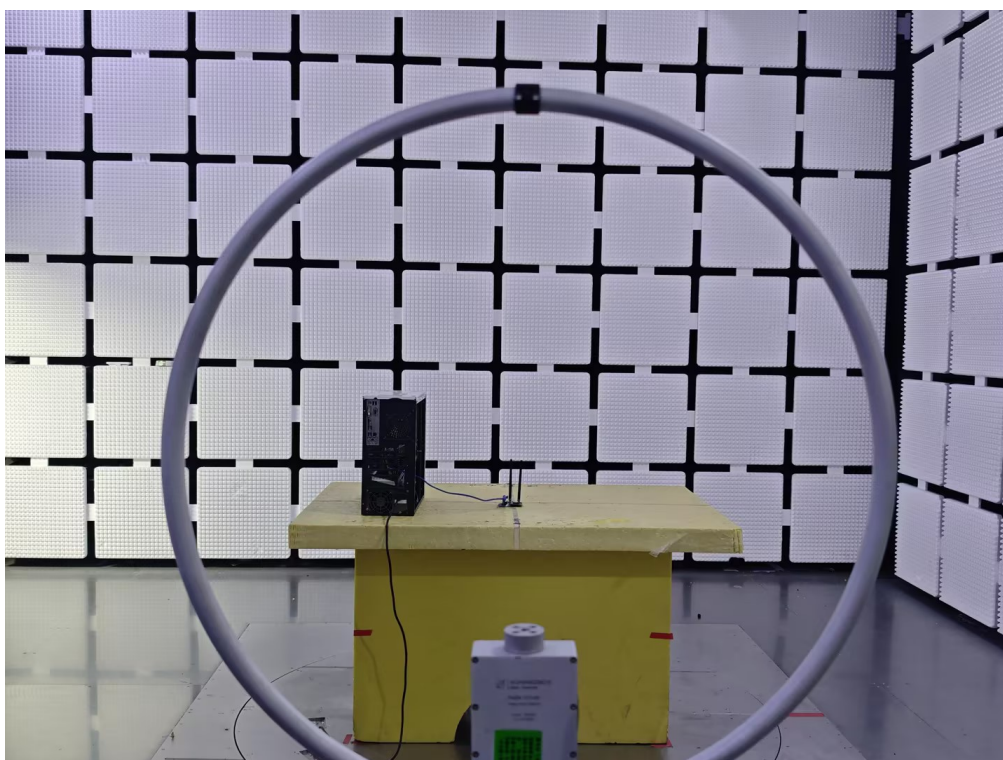
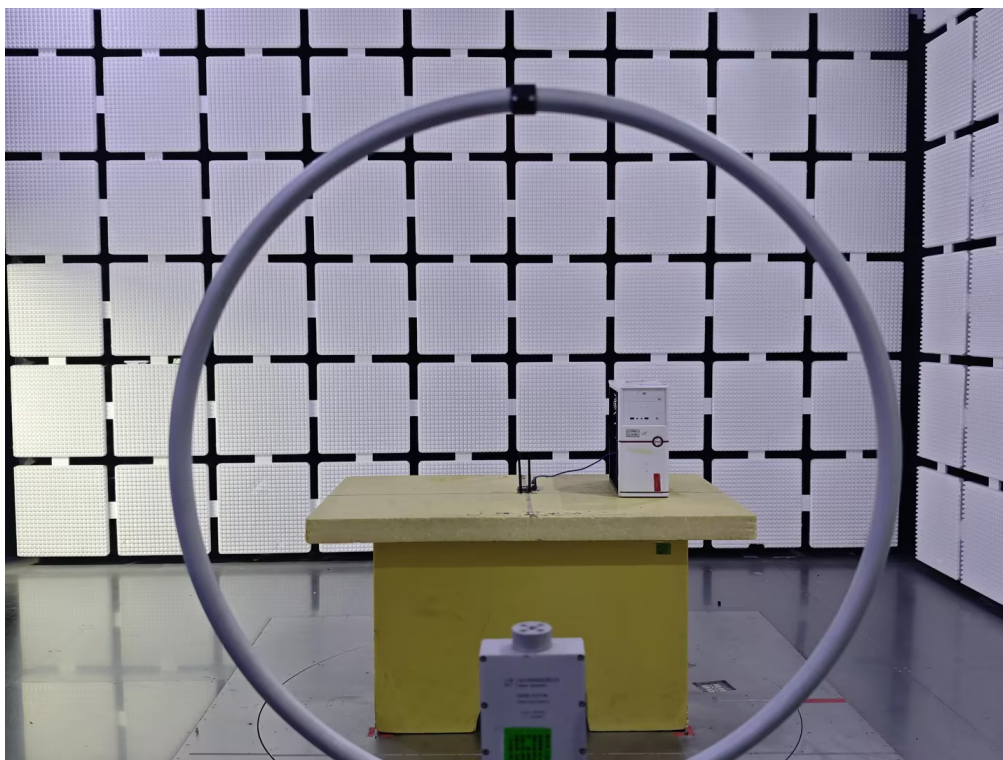
13. EUT TEST PHOTO

AC Power Line Conducted Emissions Test Photos



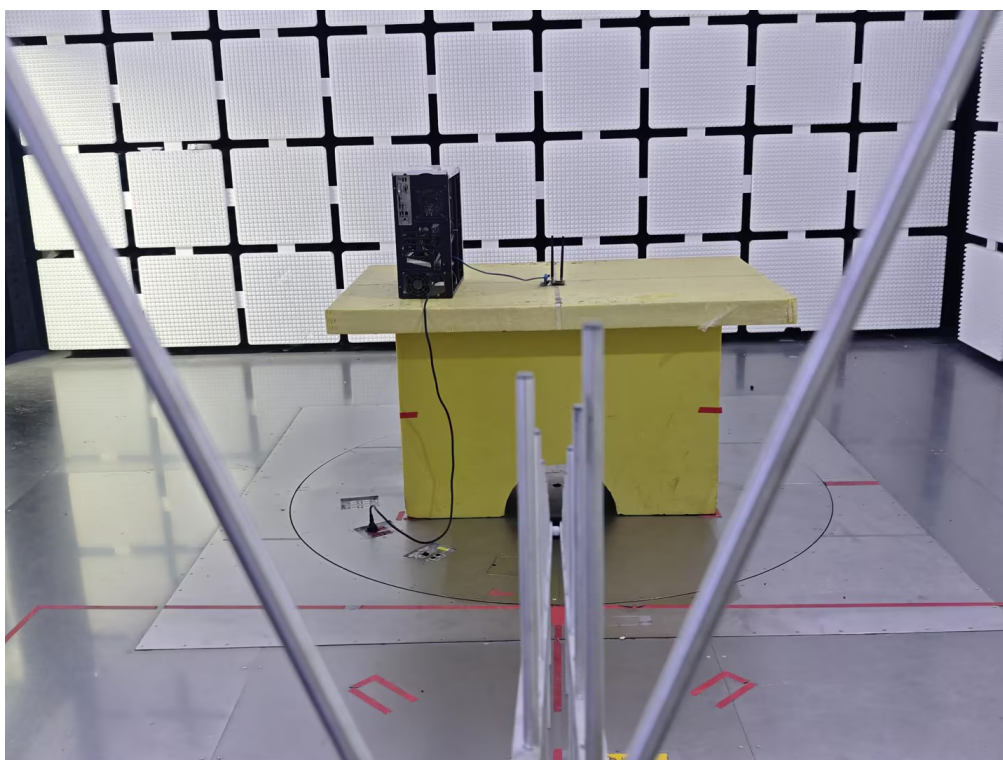
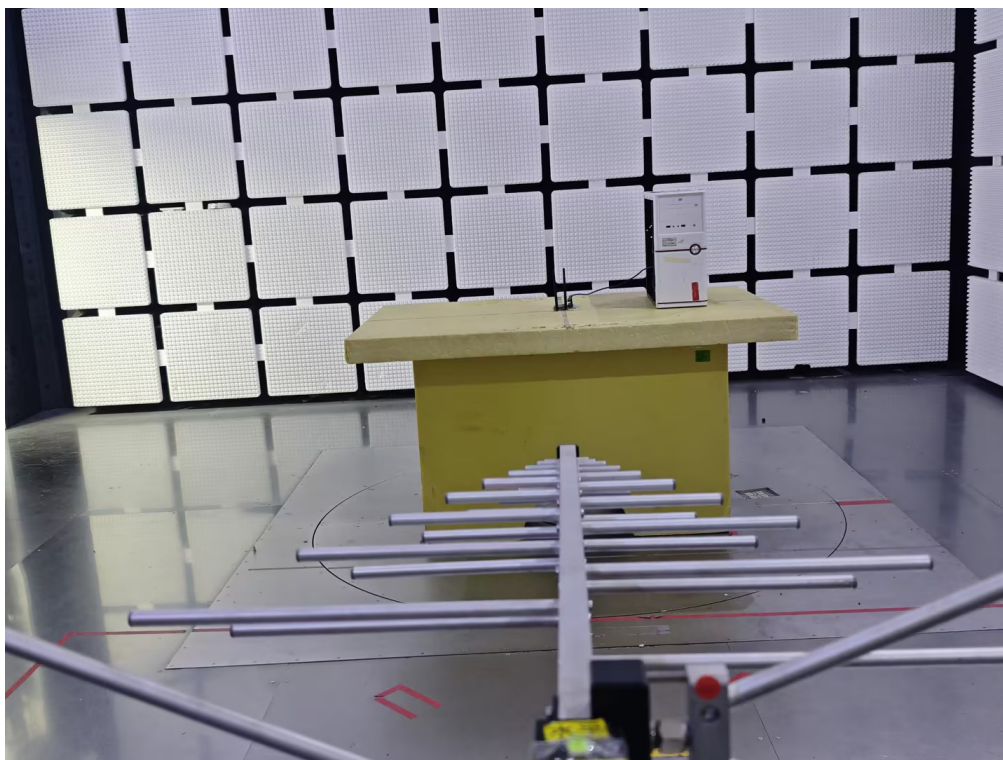
Radiated Emissions Test Photos

9 kHz to 30 MHz



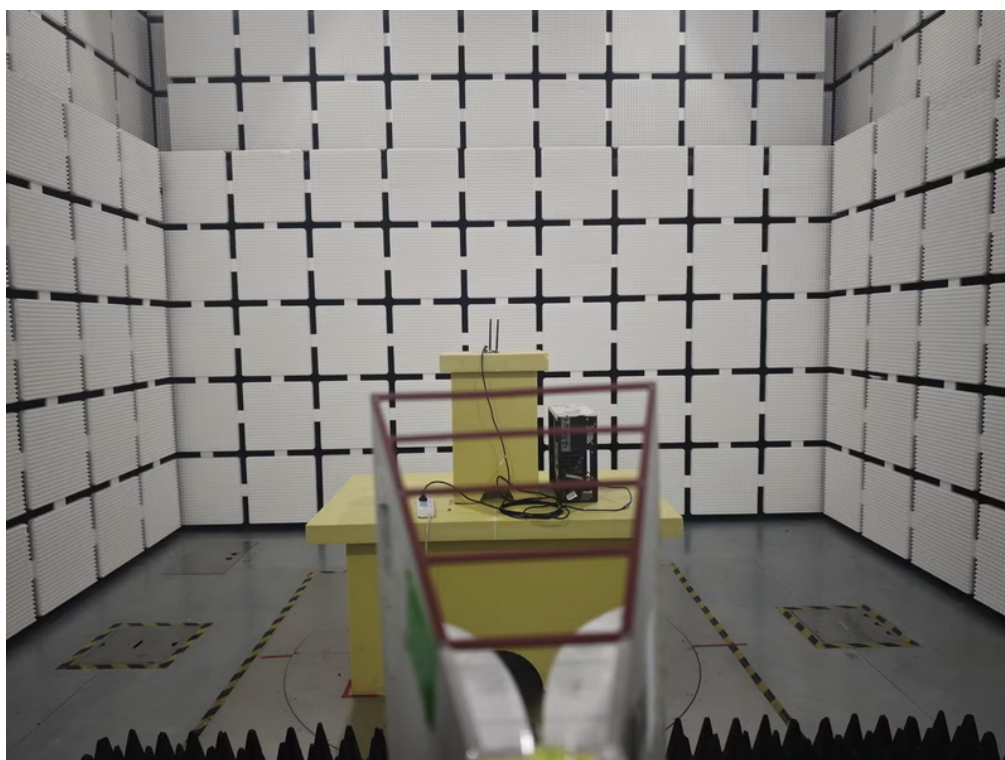
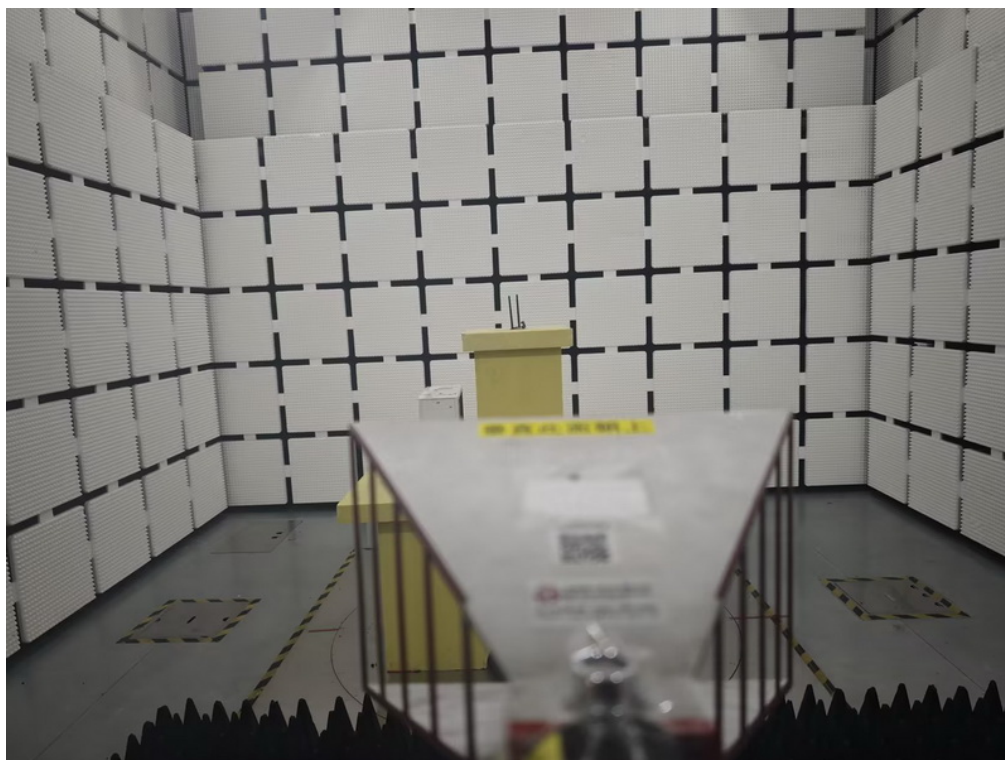
Radiated Emissions Test Photos

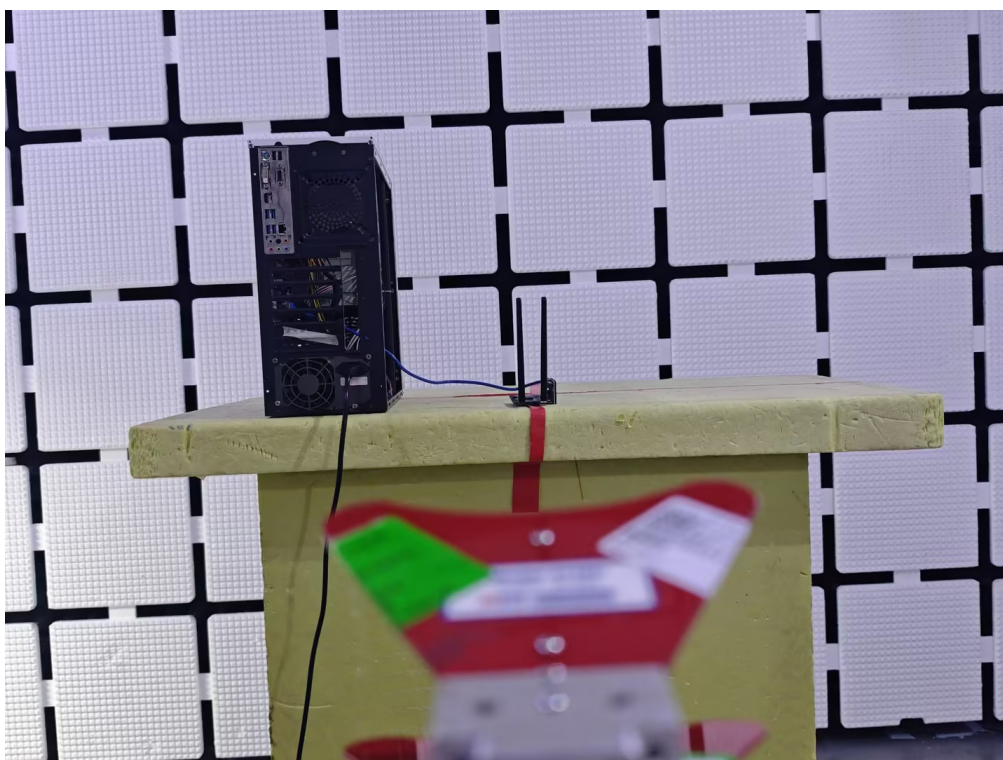
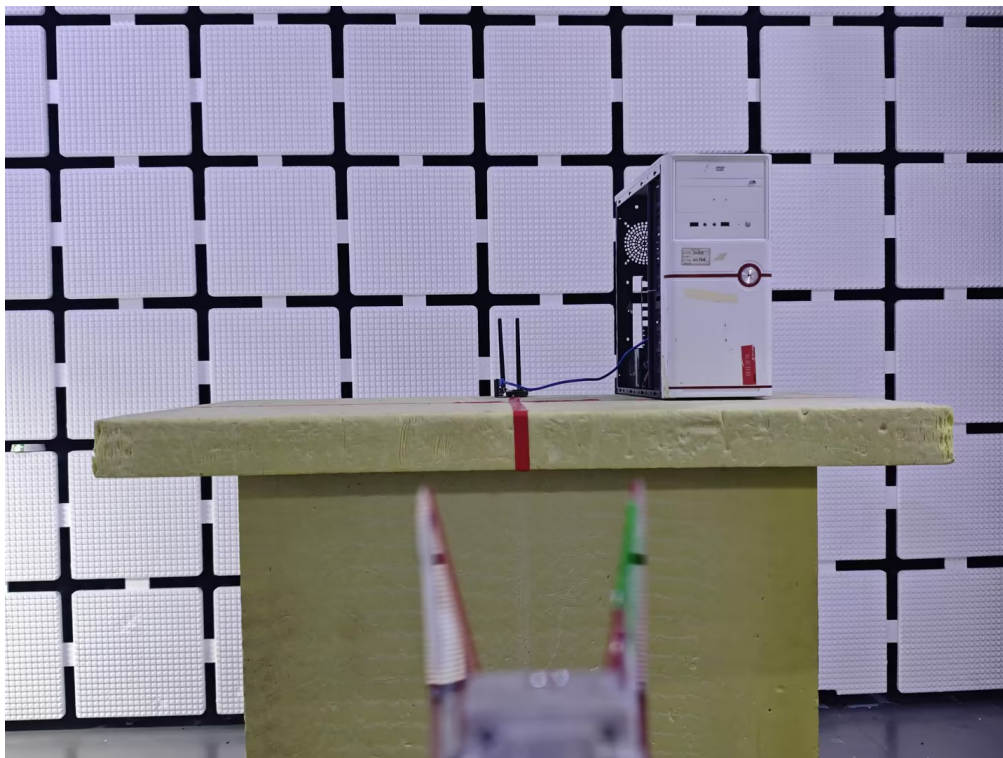
30 MHz to 1000 MHz



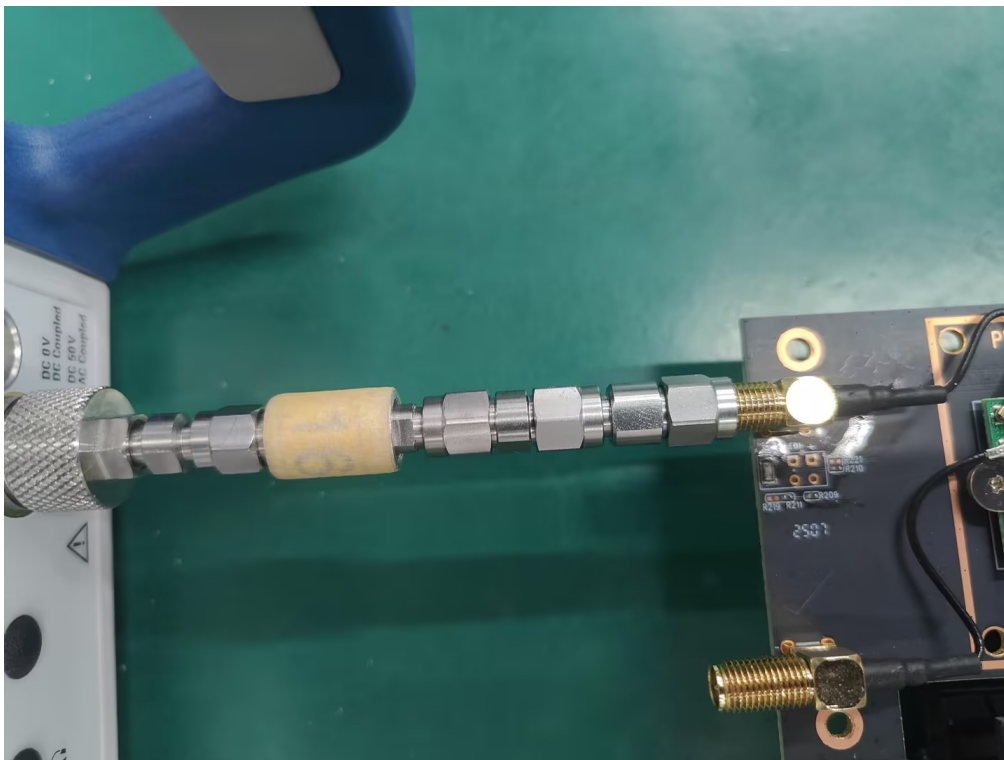
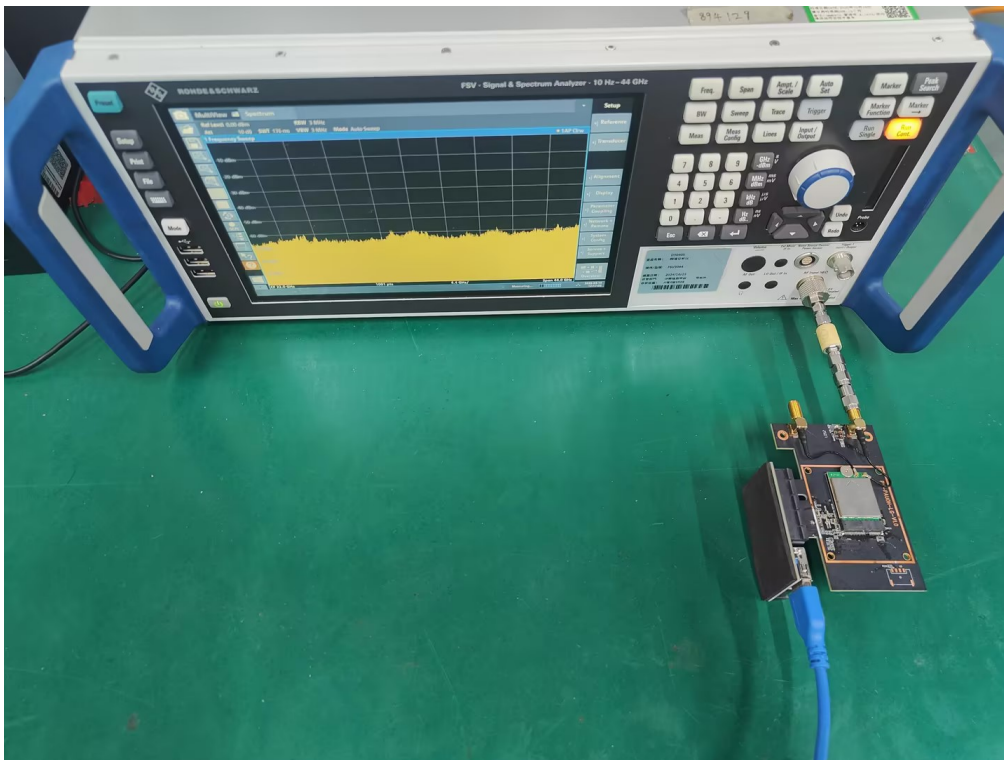
Radiated Emissions Test Photos

Band edge & Harmonic(1 GHz to 18 GHz)



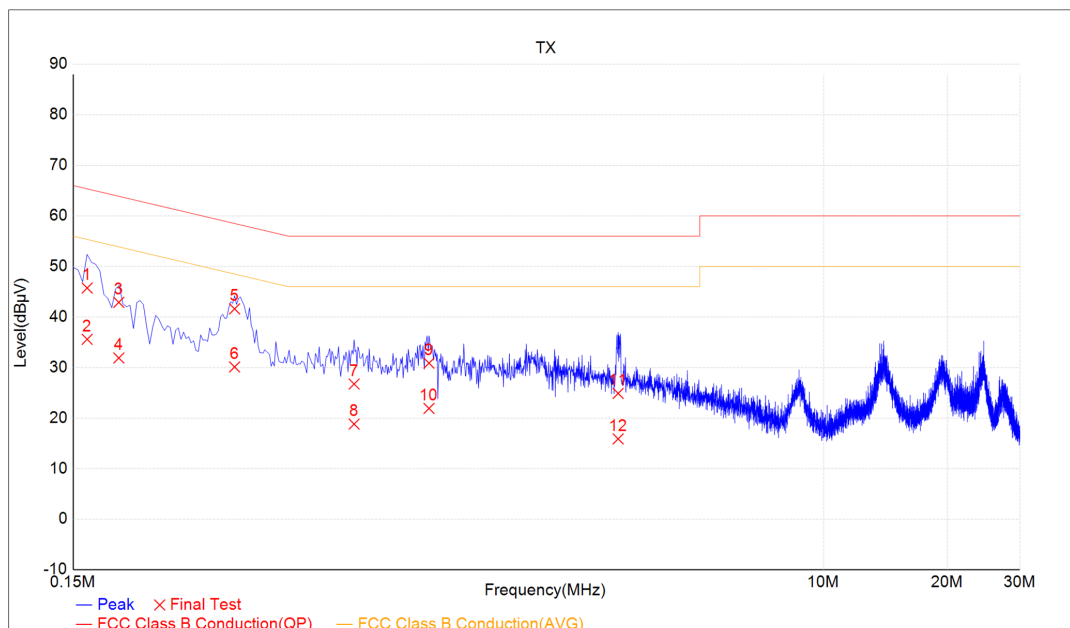
Radiated Emissions Test Photos**Harmonic(18 GHz to 26.5 GHz)**

Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX Mode Channel 00_1Mbps	Phase	Line
-----------	--------------------------	-------	------



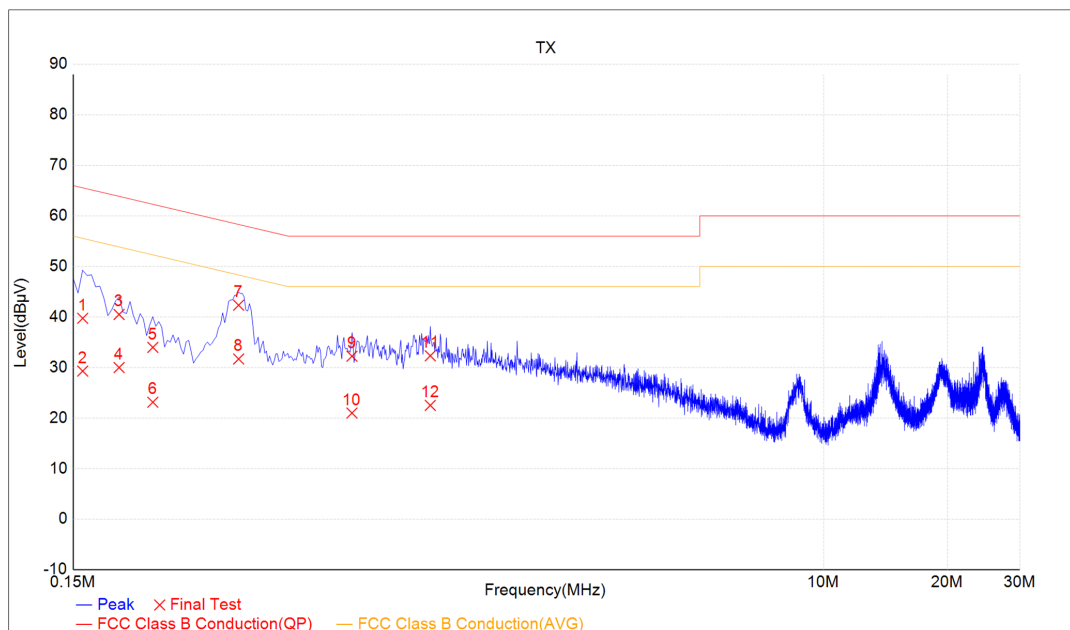
Suspected Note List									
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content	
1	0.1621	35.5	10.24	45.74	65.36	-19.62	QP		
2	0.1621	25.34	10.24	35.59	55.36	-19.77	AVG		
3	0.1935	32.62	10.28	42.9	63.86	-20.96	QP		
4	0.1935	21.62	10.28	31.9	53.86	-21.96	AVG		
5	0.3699	31.25	10.35	41.61	58.5	-16.9	QP		
6	0.3699	19.78	10.35	30.13	48.5	-18.37	AVG		
7	0.7223	16.34	10.41	26.75	56	-29.25	QP		
8	0.7223	8.4	10.41	18.82	46	-27.18	AVG		
9	1.0983	20.44	10.44	30.88	56	-25.12	QP		
10	1.0983	11.48	10.44	21.92	46	-24.08	AVG		
11	3.1663	14.4	10.48	24.89	56	-31.11	QP		
12	3.1663	5.4	10.48	15.89	46	-30.11	AVG		

REMARKS:

(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

Test Mode	TX Mode Channel 00_1Mbps	Phase	Neutral
-----------	--------------------------	-------	---------



Suspected Note List									
	NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content
	1	0.1581	30.13	9.62	39.75	65.57	-25.82	QP	
	2	0.1581	19.69	9.62	29.31	55.57	-26.26	AVG	
	3	0.1938	30.89	9.62	40.51	63.86	-23.36	QP	
	4	0.1938	20.39	9.62	30.01	53.86	-23.86	AVG	
	5	0.2341	24.37	9.62	33.99	62.31	-28.31	QP	
	6	0.2341	13.53	9.62	23.15	52.31	-29.15	AVG	
*	7	0.3784	32.7	9.64	42.34	58.32	-15.99	QP	
	8	0.3784	22.07	9.64	31.7	48.32	-16.62	AVG	
	9	0.7135	22.57	9.67	32.25	56	-23.75	QP	
	10	0.7135	11.33	9.67	21.01	46	-24.99	AVG	
	11	1.1063	22.63	9.7	32.33	56	-23.67	QP	
	12	1.1063	12.82	9.7	22.52	46	-23.48	AVG	

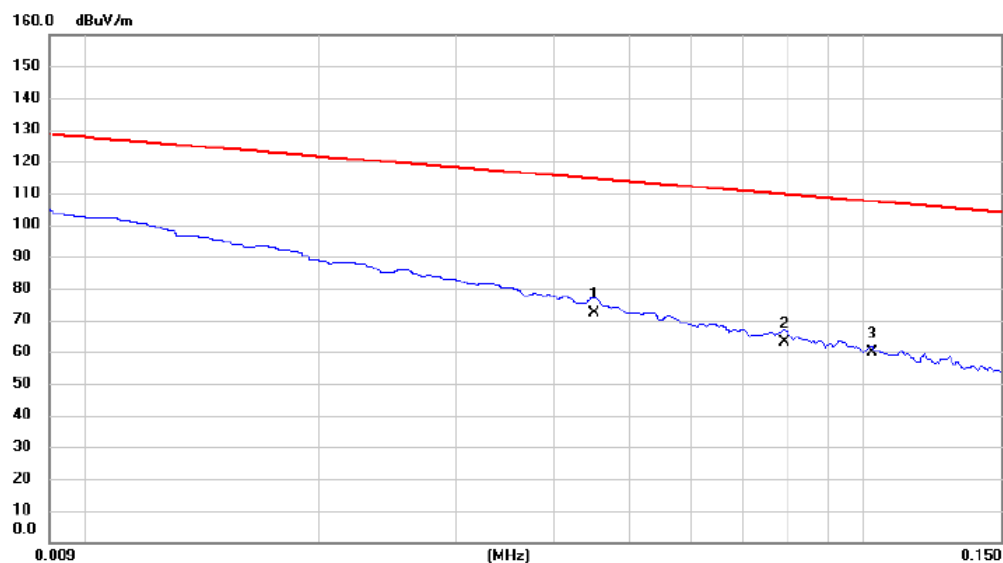
REMARKS:

(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX Mode Channel 00_1Mbps	Polarization	Ant 0°
-----------	--------------------------	--------------	--------



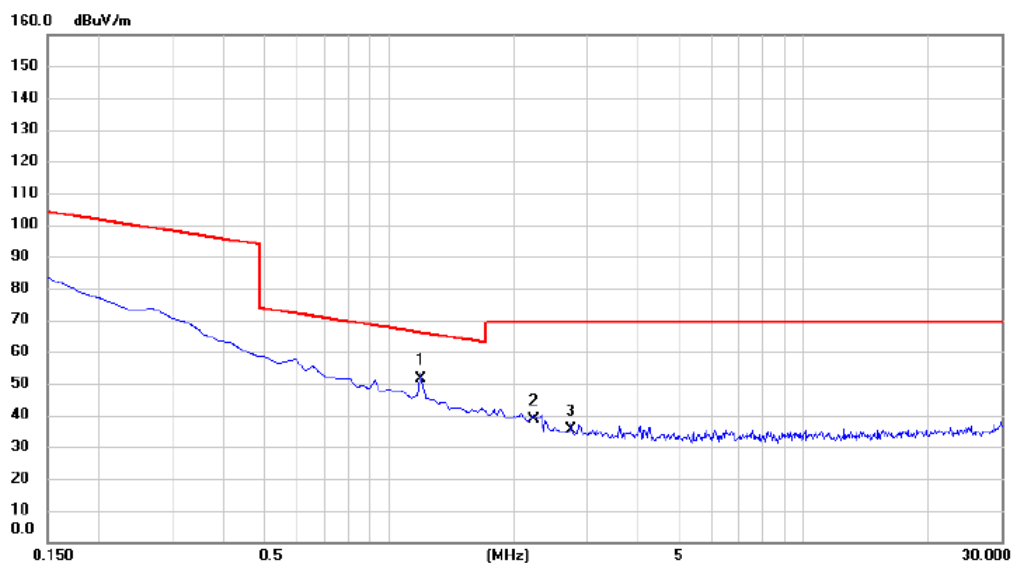
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.045	52.14	20.14	72.28	114.52	-42.24	AVG	
2		0.079	42.97	20.14	63.11	109.64	-46.53	AVG	
3		0.102	39.51	20.14	59.65	107.39	-47.74	QP	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode Channel 00_1Mbps	Polarization	Ant 0°
-----------	--------------------------	--------------	--------

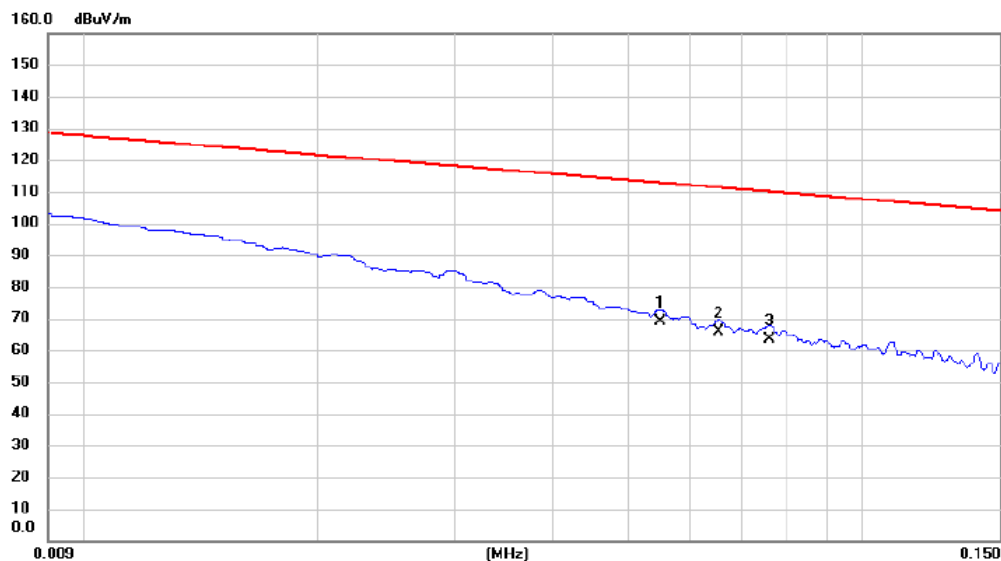


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	1.195	31.24	20.00	51.24	66.06	-14.82	QP	
2		2.240	18.50	20.02	38.52	69.54	-31.02	QP	
3		2.747	15.32	20.06	35.38	69.54	-34.16	QP	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode Channel 00_1Mbps	Polarization	Ant 90°
-----------	--------------------------	--------------	---------

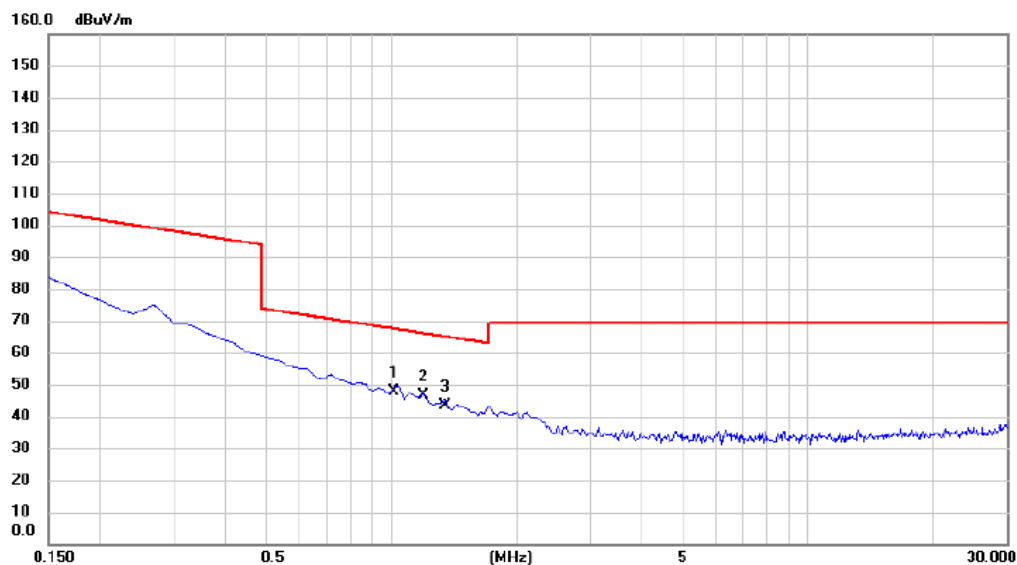


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.055	48.75	20.14	68.89	112.80	-43.91	AVG	
2		0.065	45.76	20.14	65.90	111.31	-45.41	AVG	
3		0.076	43.34	20.14	63.48	109.99	-46.51	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode Channel 00_1Mbps	Polarization	Ant 90°
-----------	--------------------------	--------------	---------



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	1.016	27.86	20.00	47.86	67.47	-19.61	QP	
2 *	1.195	26.61	20.00	46.61	66.06	-19.45	QP	
3	1.344	23.32	20.00	43.32	65.04	-21.72	QP	

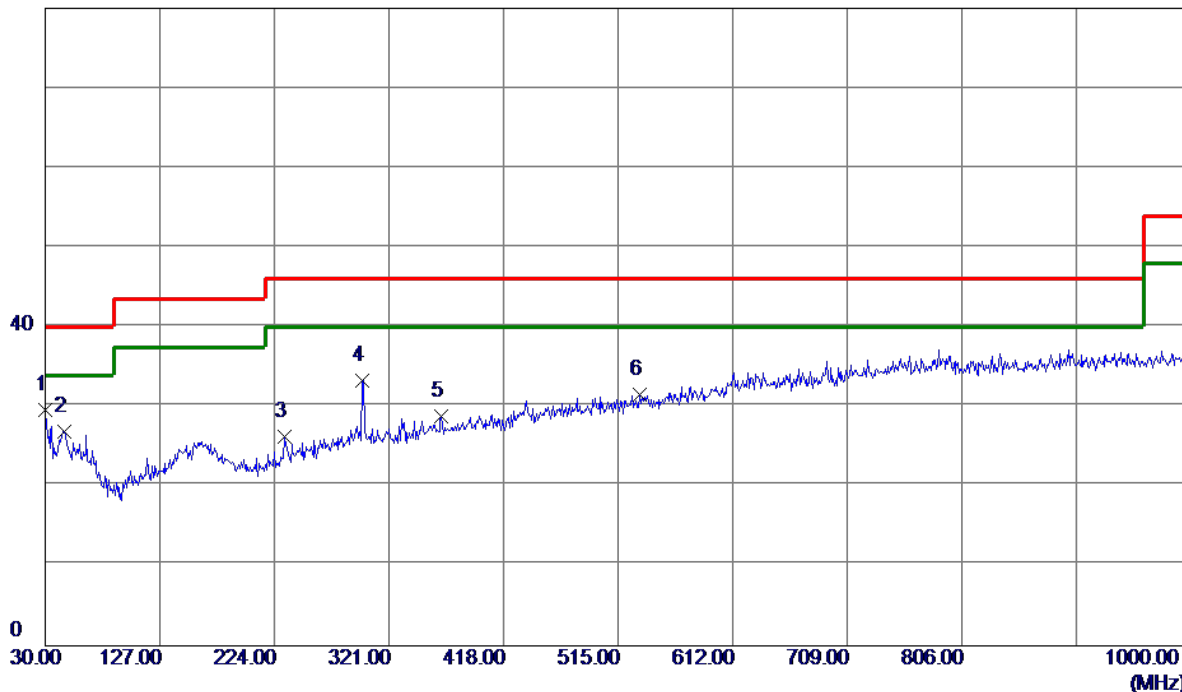
REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX Mode Channel 00_1Mbps	Polarization	Vertical
-----------	--------------------------	--------------	----------

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	30.0000	42.49	-12.86	29.63	40.00	-10.37	Peak	
2	46.4900	38.02	-11.11	26.91	40.00	-13.09	Peak	
3	232.7300	37.80	-11.50	26.30	46.02	-19.72	Peak	
4	298.6900	42.39	-9.10	33.29	46.02	-12.73	Peak	
5	365.6200	36.82	-8.03	28.79	46.02	-17.23	Peak	
6	533.4300	36.03	-4.52	31.51	46.02	-14.51	Peak	

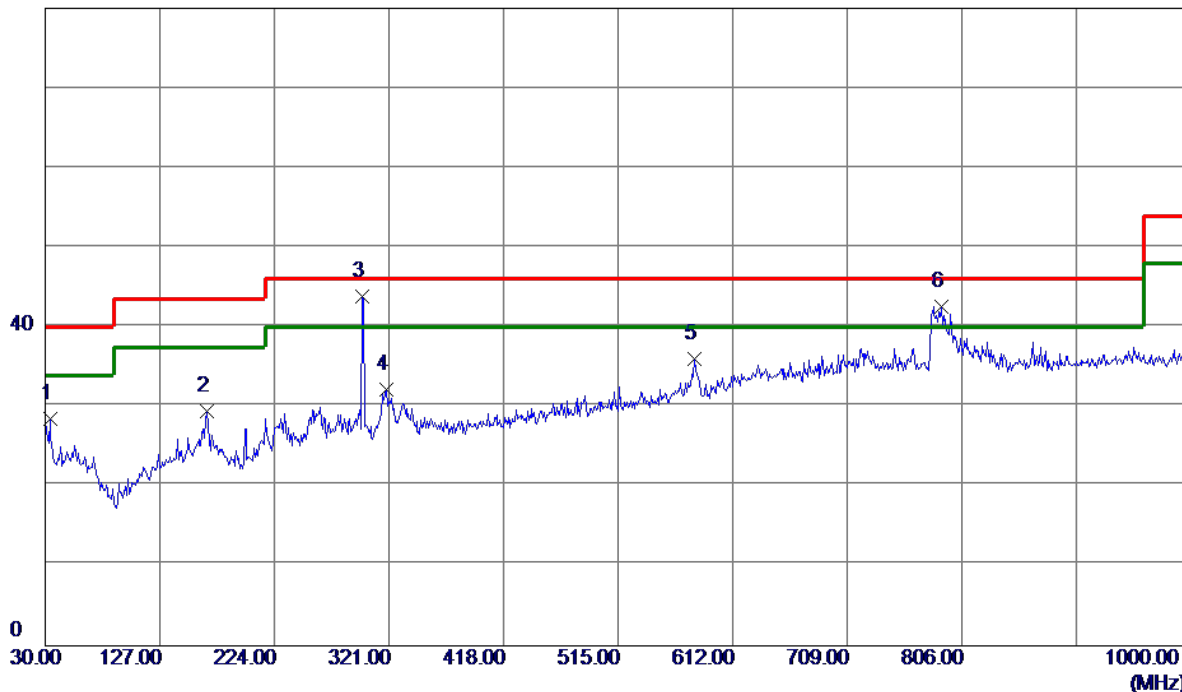
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode Channel 00_1Mbps	Polarization	Horizontal
-----------	--------------------------	--------------	------------

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	33.8800	40.87	-12.42	28.45	40.00	-11.55	Peak	
2	166.7700	39.80	-10.39	29.41	43.52	-14.11	Peak	
3 *	298.6900	52.91	-9.10	43.81	46.02	-2.21	Peak	
4	319.0600	40.92	-8.80	32.12	46.02	-13.90	Peak	
5	579.9900	39.64	-3.68	35.96	46.02	-10.06	Peak	
6	788.5400	42.95	-0.36	42.59	46.02	-3.43	Peak	

REMARKS:

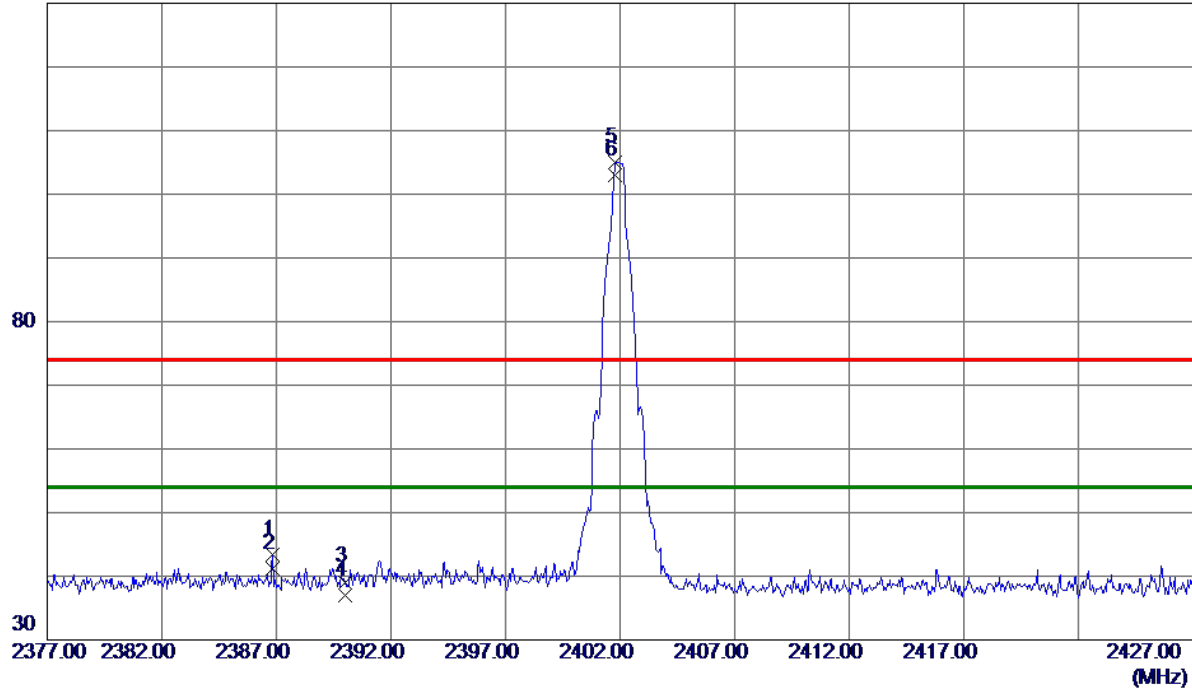
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Test Mode	TX 2402 MHz_CH00_1Mbps	Polarization	Vertical
-----------	------------------------	--------------	----------

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.8500	34.01	9.35	43.36	74.00	-30.64	Peak	
2	2386.8500	31.89	9.35	41.24	54.00	-12.76	AVG	
3	2390.0000	29.74	9.36	39.10	74.00	-34.90	Peak	
4	2390.0000	27.62	9.36	36.98	54.00	-17.02	AVG	
5	2401.8000	95.66	9.39	105.05	74.00	31.05	Peak	No Limit
6 *	2401.8000	93.54	9.39	102.93	54.00	48.93	AVG	No Limit

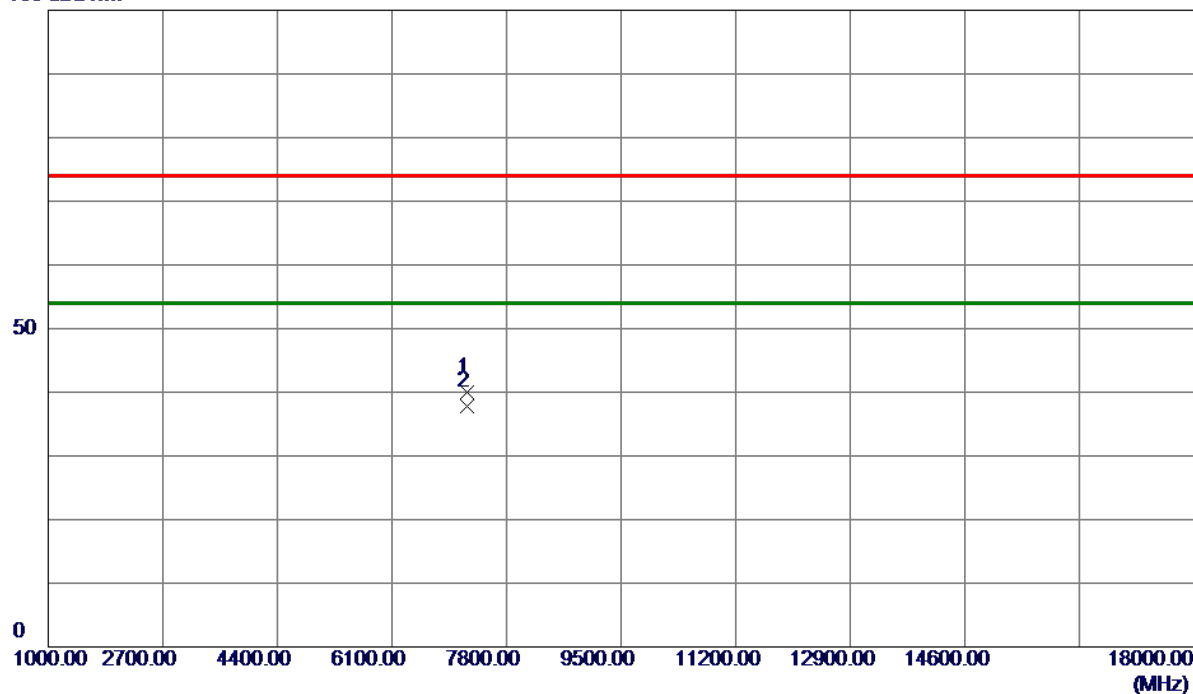
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz_CH00_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

100 dBuV/m



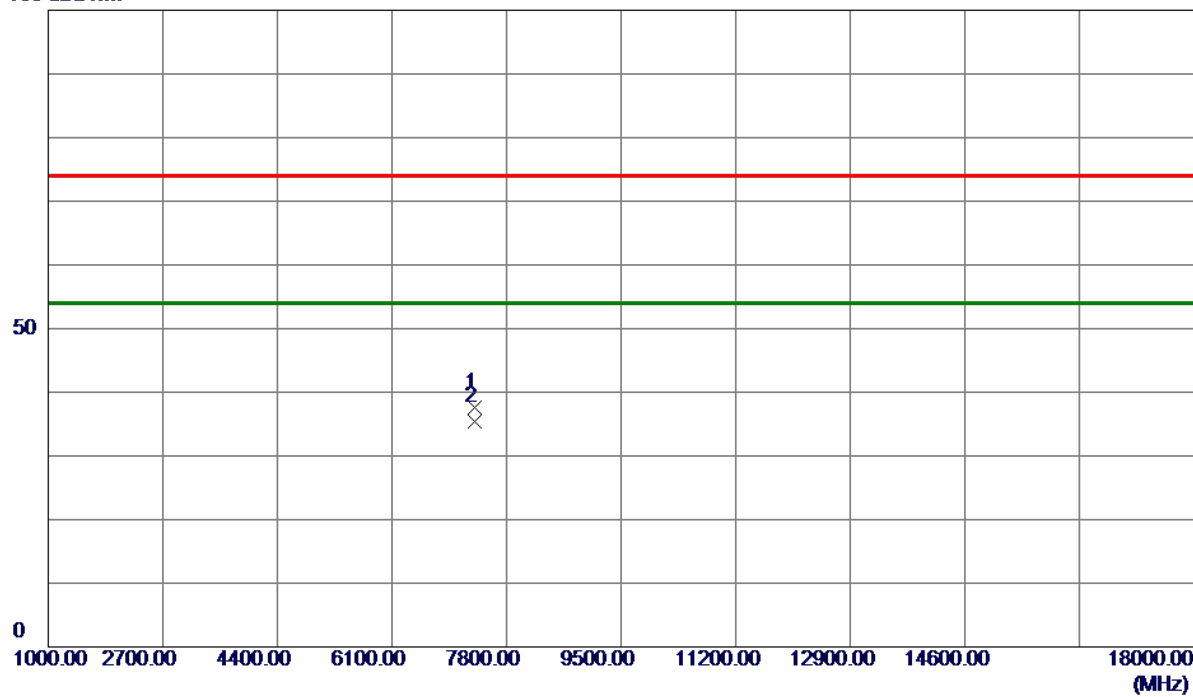
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7209.0900	31.33	8.64	39.97	74.00	-34.03	Peak	
2 *	7209.0900	29.21	8.64	37.85	54.00	-16.15	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2441 MHz_CH39_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7320.1200	28.74	8.79	37.53	74.00	-36.47	Peak	
2 *	7320.1200	26.62	8.79	35.41	54.00	-18.59	AVG	

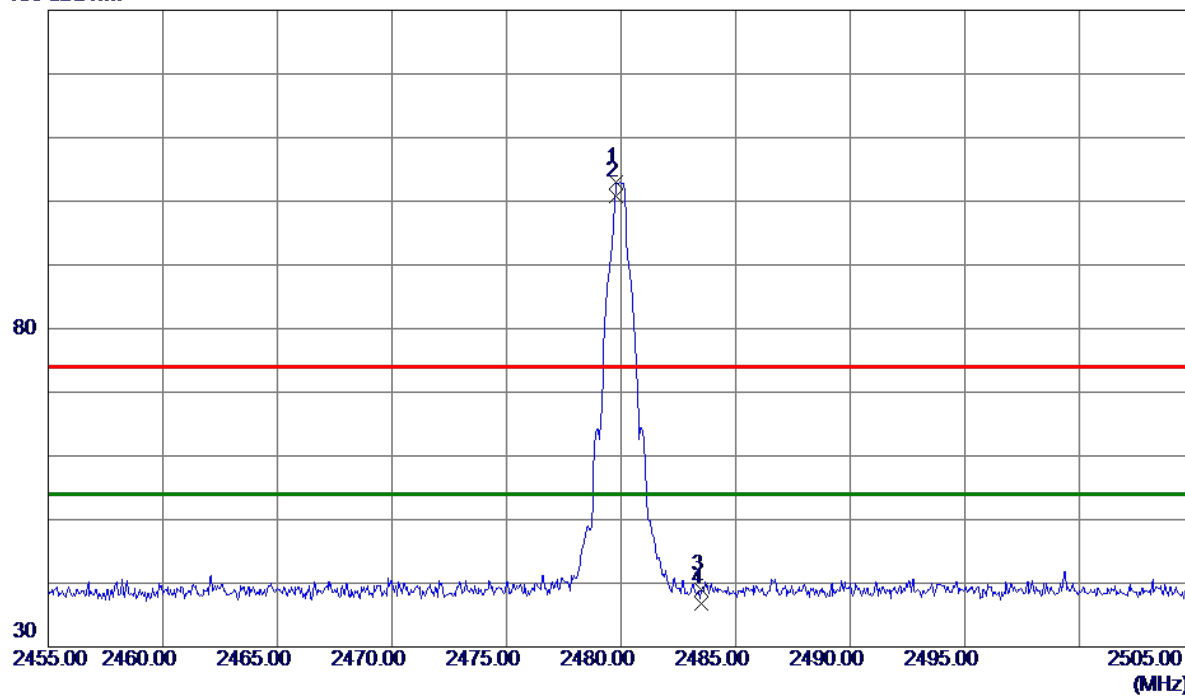
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2480 MHz_CH78_1Mbps	Polarization	Vertical
-----------	------------------------	--------------	----------

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2479.8000	93.36	9.62	102.98	74.00	28.98	Peak	No Limit
2 *	2479.8000	91.24	9.62	100.86	54.00	46.86	AVG	No Limit
3	2483.5000	29.36	9.63	38.99	74.00	-35.01	Peak	
4	2483.5000	27.24	9.63	36.87	54.00	-17.13	AVG	

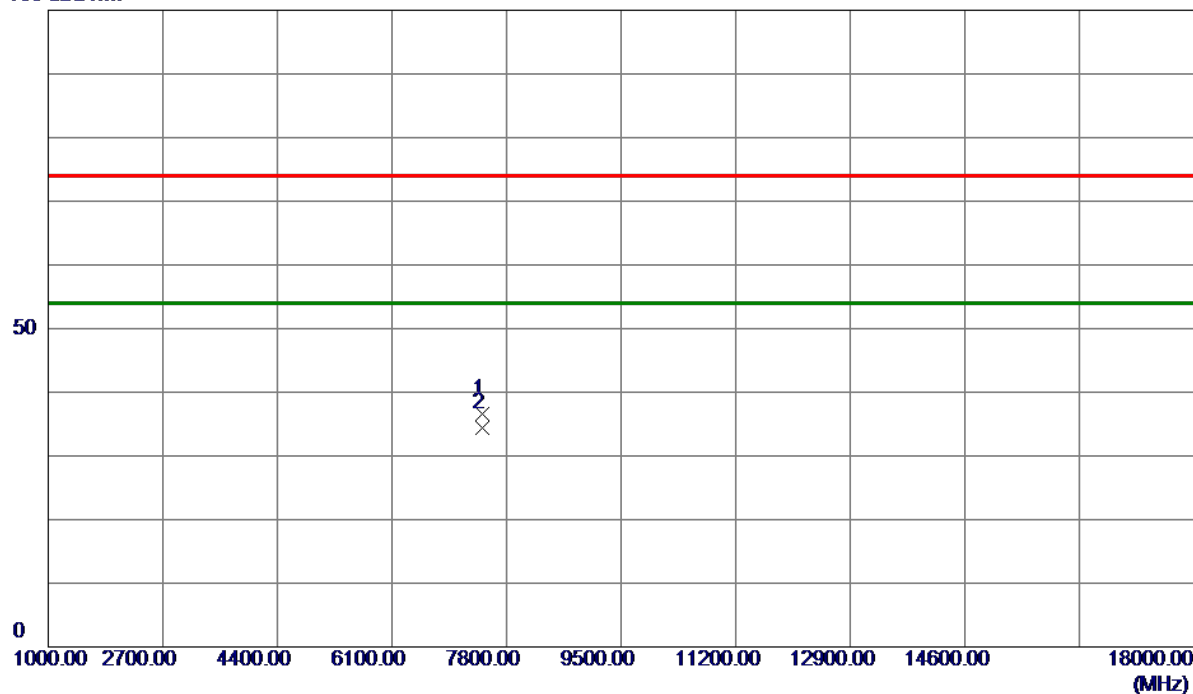
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2480 MHz_CH78_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7438.1100	27.57	8.94	36.51	74.00	-37.49	Peak	
2 *	7438.1100	25.45	8.94	34.39	54.00	-19.61	AVG	

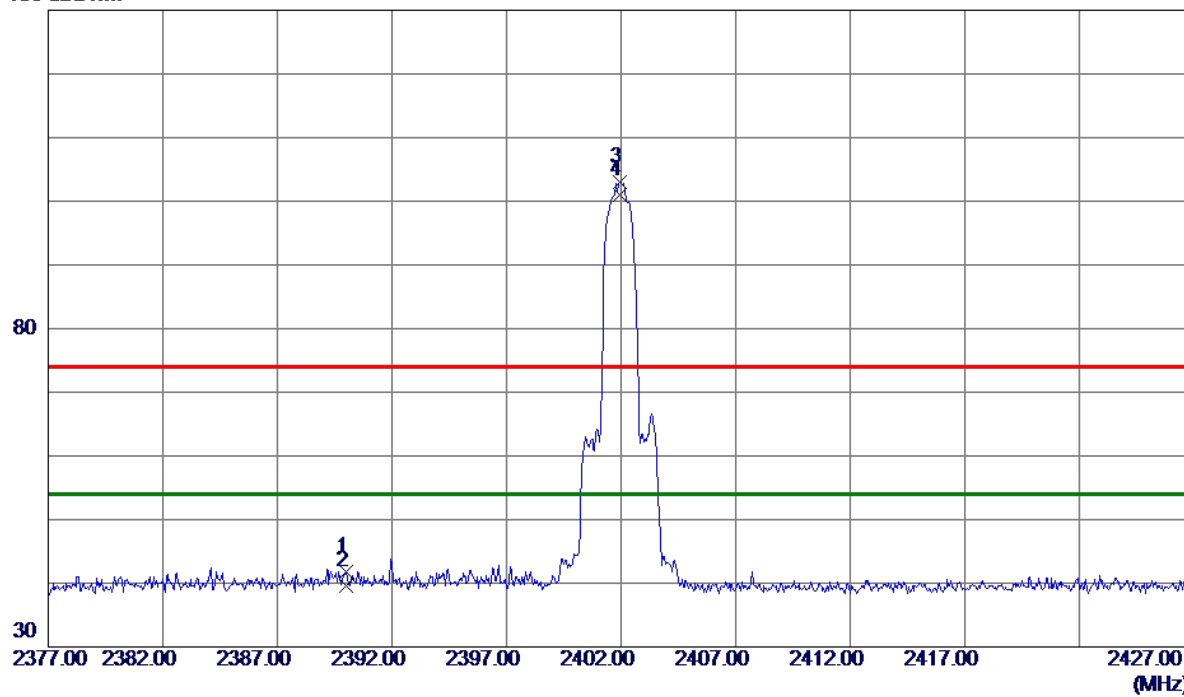
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz_CH00_3Mbps	Polarization	Vertical
-----------	------------------------	--------------	----------

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	32.36	9.36	41.72	74.00	-32.28	Peak	
2	2390.0000	30.24	9.36	39.60	54.00	-14.40	AVG	
3	2401.9500	93.71	9.39	103.10	74.00	29.10	Peak	No Limit
4 *	2401.9500	91.59	9.39	100.98	54.00	46.98	AVG	No Limit

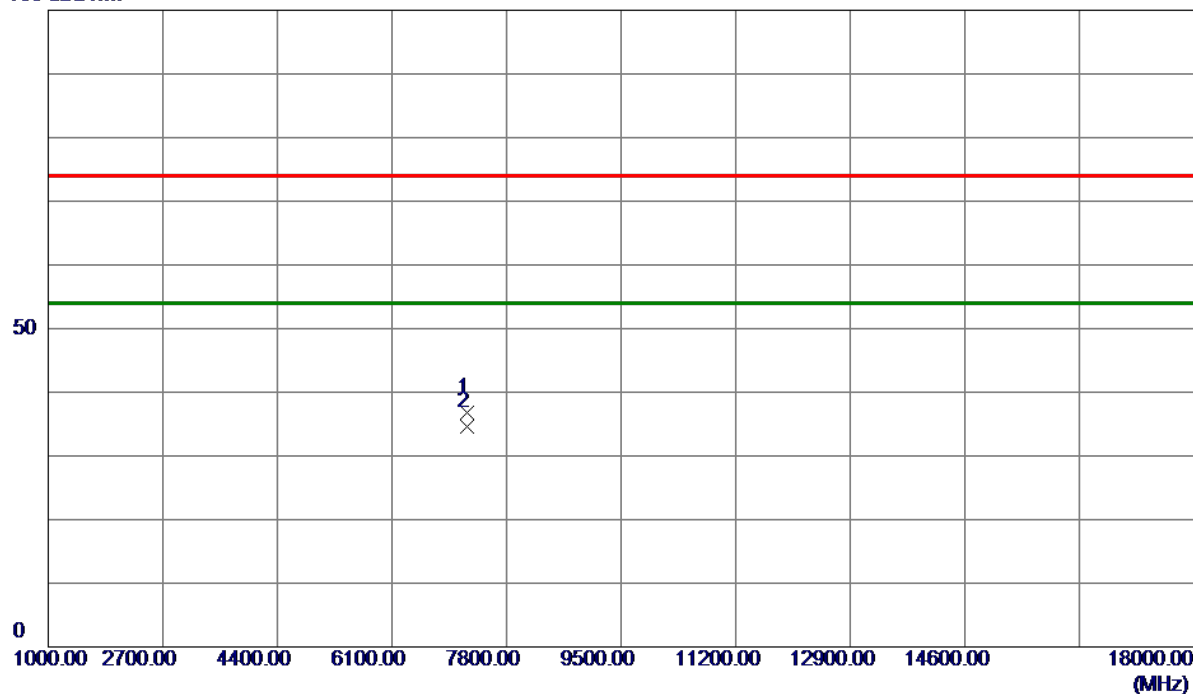
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz_CH00_3Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

100 dBuV/m



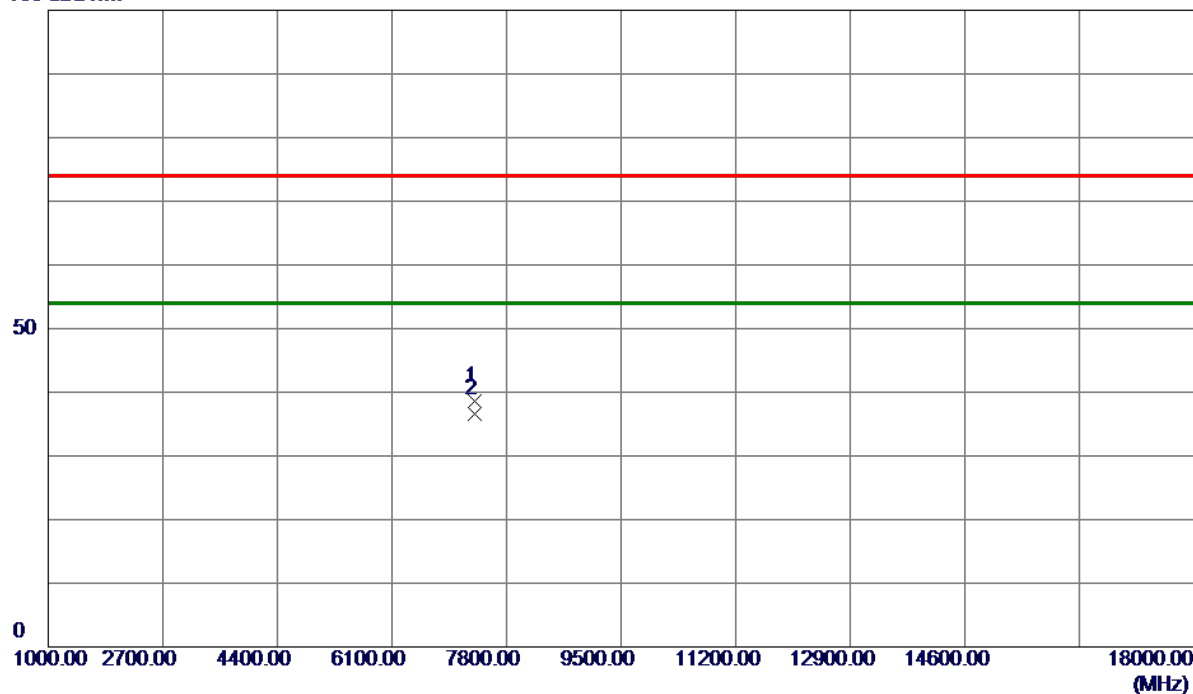
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7209.1700	28.13	8.64	36.77	74.00	-37.23	Peak	
2 *	7209.1700	26.01	8.64	34.65	54.00	-19.35	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2441 MHz_CH39_3Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7324.5900	29.85	8.79	38.64	74.00	-35.36	Peak	
2 *	7324.5900	27.73	8.79	36.52	54.00	-17.48	AVG	

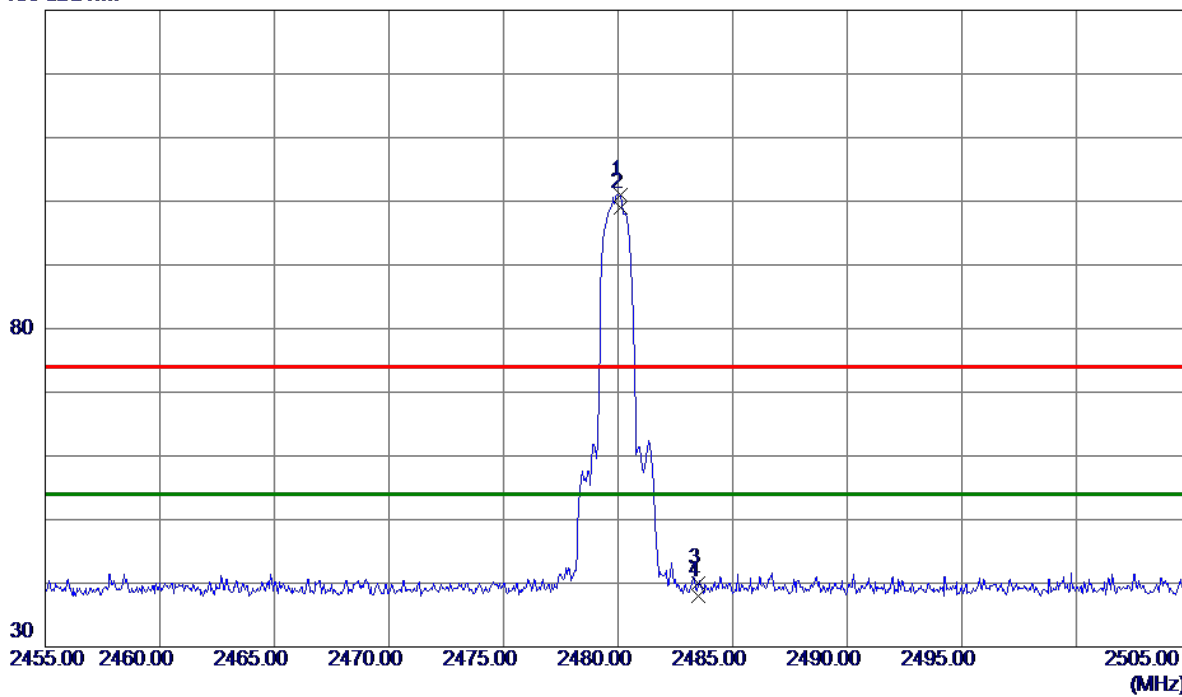
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2480 MHz_CH78_3Mbps	Polarization	Vertical
-----------	------------------------	--------------	----------

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2480.1000	91.47	9.62	101.09	74.00	27.09	Peak	No Limit
2 *	2480.1000	89.35	9.62	98.97	54.00	44.97	AVG	No Limit
3	2483.5000	30.42	9.63	40.05	74.00	-33.95	Peak	
4	2483.5000	28.30	9.63	37.93	54.00	-16.07	AVG	

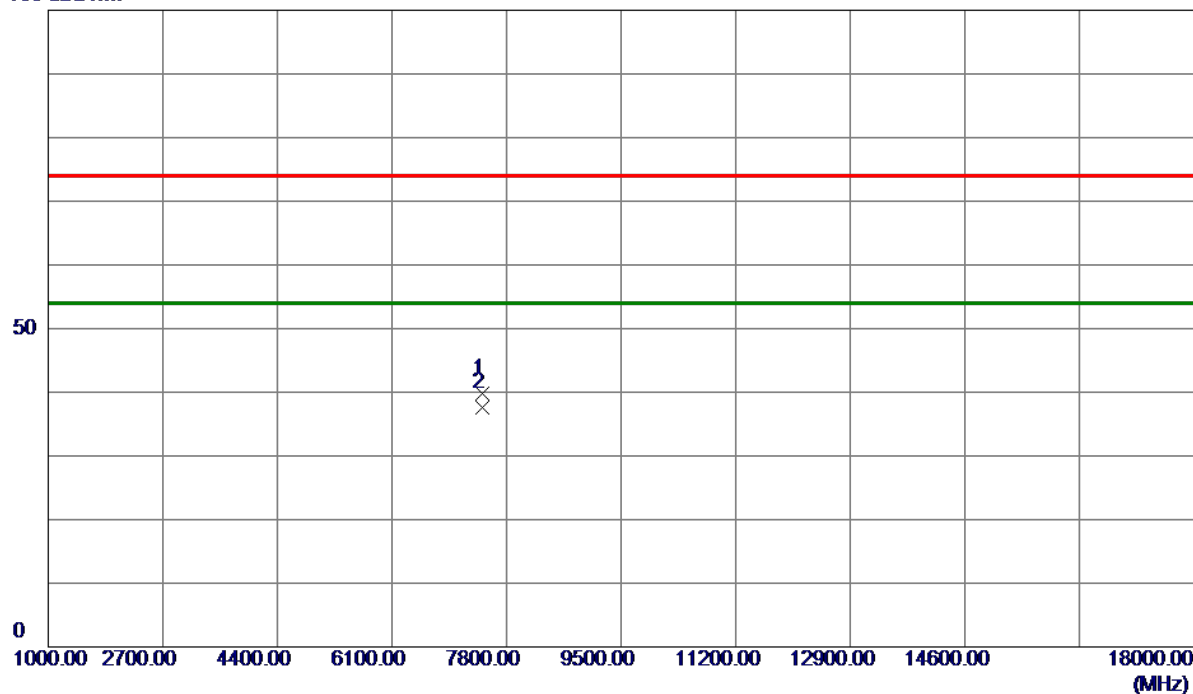
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2480 MHz_CH78_3Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7436.0300	30.85	8.94	39.79	74.00	-34.21	Peak	
2 *	7436.0300	28.73	8.94	37.67	54.00	-16.33	AVG	

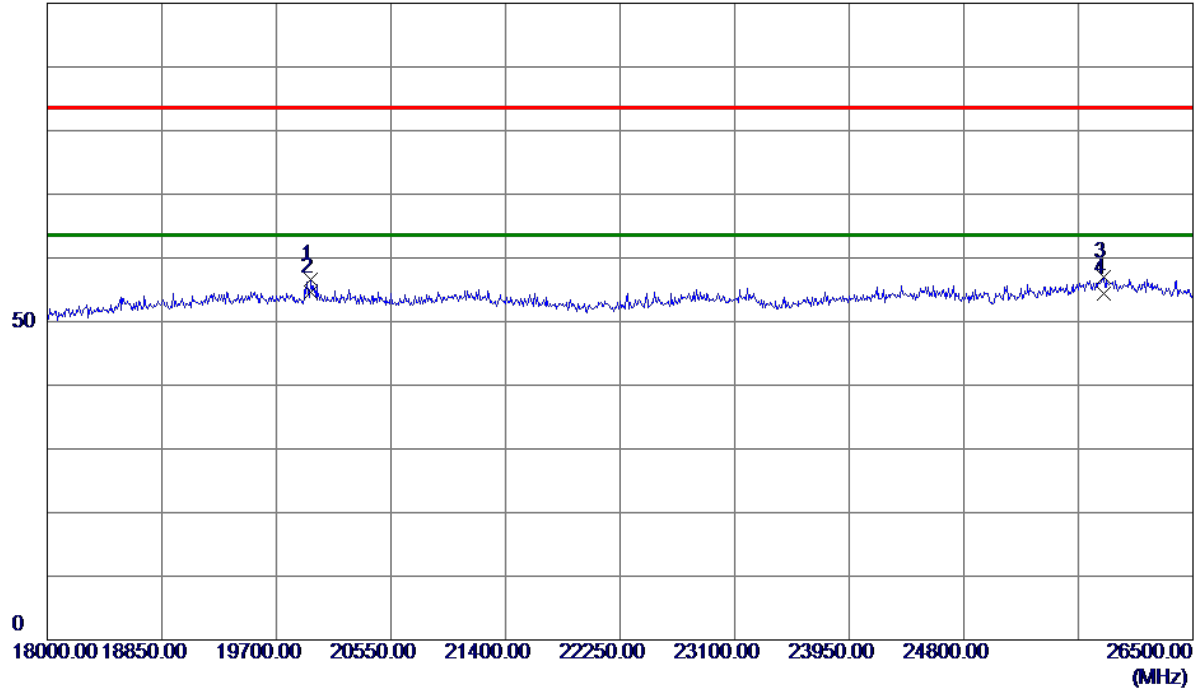
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz_CH00_1Mbps	Polarization	Vertical
-----------	------------------------	--------------	----------

100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	19955.0000	53.31	3.29	56.60	83.50	-26.90	Peak	
2 *	19955.0000	51.32	3.29	54.61	63.50	-8.89	AVG	
3	25837.0000	50.91	6.18	57.09	83.50	-26.41	Peak	
4	25837.0000	48.25	6.18	54.43	63.50	-9.07	AVG	

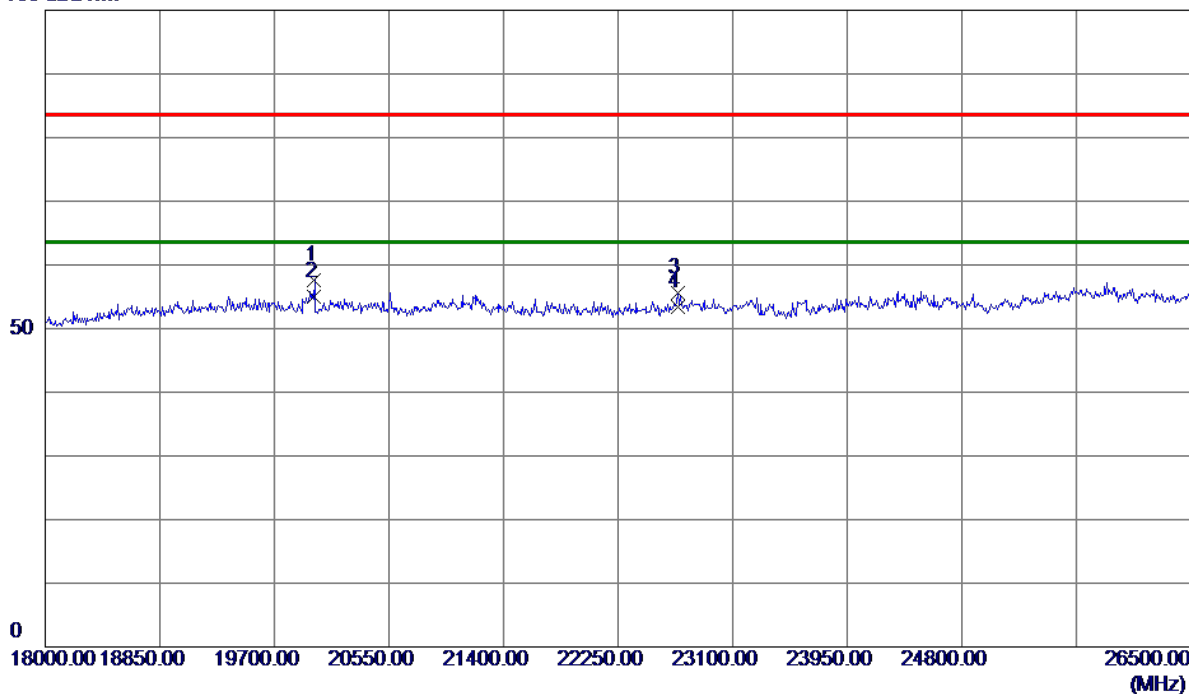
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz_CH00_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	19997.5000	54.24	3.28	57.52	83.50	-25.98	Peak	
2 *	19997.5000	51.76	3.28	55.04	63.50	-8.46	AVG	
3	22692.0000	50.77	4.74	55.51	83.50	-27.99	Peak	
4	22692.0000	48.71	4.74	53.45	63.50	-10.05	AVG	

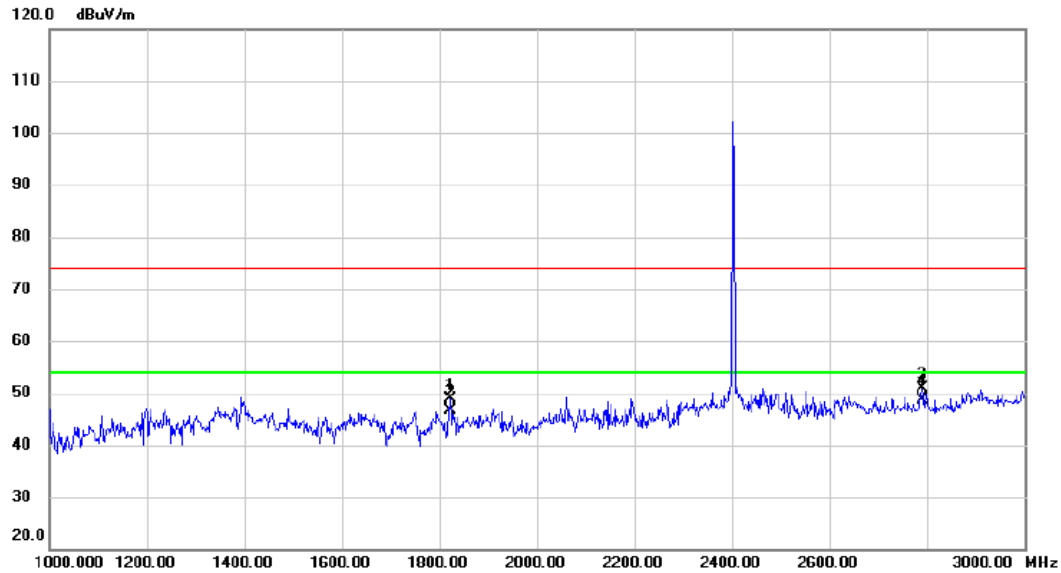
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

The worst case:

Test Mode	TX 2402 MHz_CH00_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



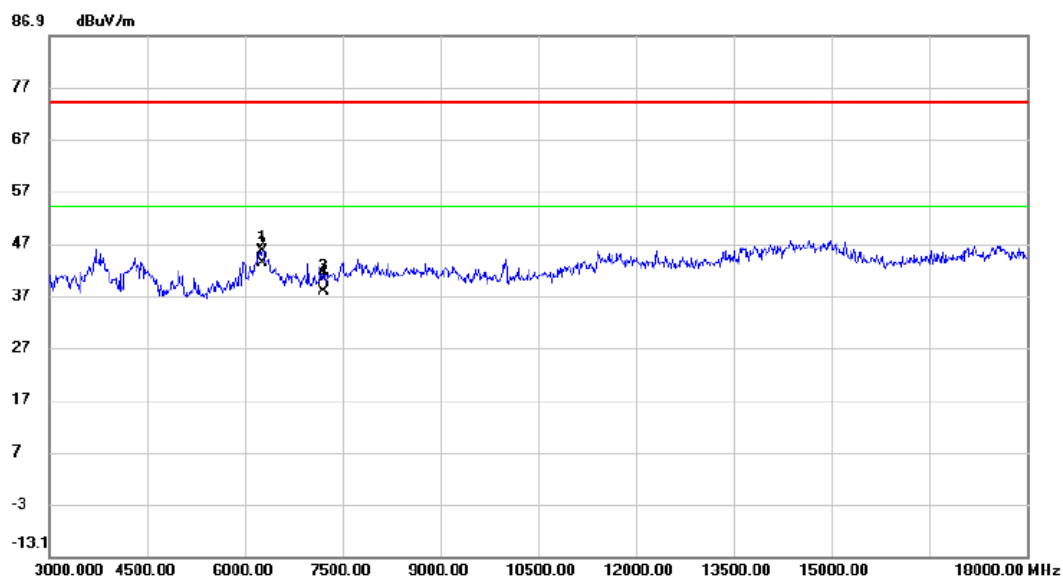
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1822.000	41.08	7.75	48.83	74.00	-25.17	peak	
2		1822.000	38.96	7.75	46.71	54.00	-7.29	AVG	
3		2790.000	39.98	10.85	50.83	74.00	-23.17	peak	
4	*	2790.000	37.86	10.85	48.71	54.00	-5.29	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz_CH00_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6270.000	36.70	8.82	45.52	74.00	-28.48	peak	
2	*	6270.000	34.58	8.82	43.40	54.00	-10.60	AVG	
3		7209.090	31.33	8.64	39.97	74.00	-34.03	peak	
4		7209.090	29.21	8.64	37.85	54.00	-16.15	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - NUMBER OF HOPPING FREQUENCY

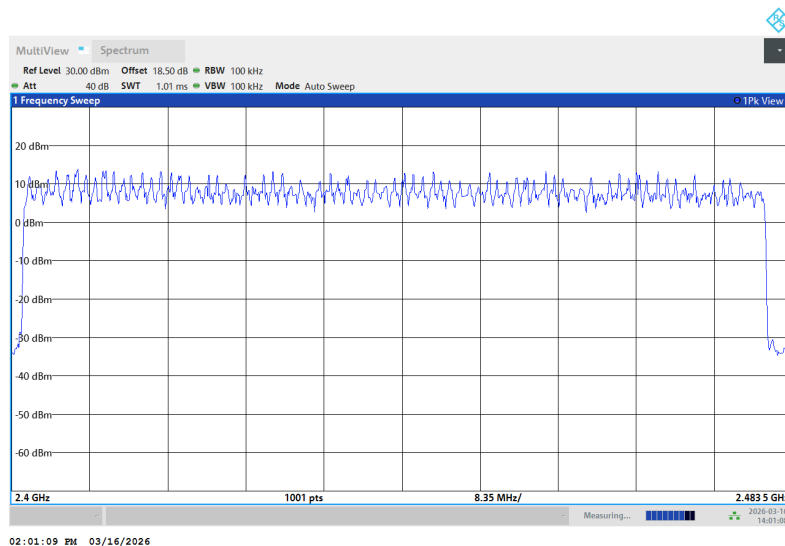
Test Mode: TX Mode_1Mbps

Test Mode	Hopping Mode_1Mbps	Limit	Test Result
Number of Hopping Frequency	79	15	Pass



Test Mode: TX Mode_3Mbps

Test Mode	Hopping Mode_3Mbps	Limit	Test Result
Number of Hopping Frequency	79	15	Pass



APPENDIX F - AVERAGE TIME OF OCCUPANCY