Certificate #7130.01

FCC Radio Test Report

FCC ID: VGYAP962C

This report concerns: Original Grant

Project No.	:	2312G131A
Equipment	:	802.11ax Ceiling-mount Access Point
Brand Name	:	DrayTek
Test Model	:	VigorAP 962C
Series Model	:	N/A
Applicant	:	Draytek Corporation
Address	:	No.26, Fu Shing Rd., HuKou County, Hsinchu Industrial Park,Hsinchu, Taiwan 303
Manufacturer	:	Shenzhen Cudy Technology Co., Ltd.
Address	:	Room A606, Gaoxinqi Industrial Park, Liuxianyi Road, Baoan District, Shenzhen, China
Factory	:	Shenzhen Cudy Technology Co., Ltd.
Address	:	Room A606, Gaoxinqi Industrial Park, Liuxianyi Road, Baoan District, Shenzhen, China
Date of Receipt	:	Feb. 04, 2024
Date of Test	:	Feb. 21, 2024 ~ May 22, 2024
Issued Date	:	May 31, 2024
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SSL2024020480
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.

Grani Zhou

Prepared by : Grani Zhou

Chay . Cai

Approved by : Chay Cai

Room 108, Building 2, No.1, Yile Road, Songshan Lake Zone, Dongguan City, 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 manufacture'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.

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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.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2312G131A	R00	Original Report.	May 31, 2024	Valid

1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:
ANSI C63.10-2013
The following reference test guidance is not within the scope of accreditation of A2LA:
KDB 558074 D01 15.247 Meas Guidance v05r02
KDB 662911 D01 Multiple Transmitter Output v02r01

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 Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	------
15.247(a)(2)	Bandwidth	APPENDIX E	PASS	------
15.247(b)(3)	Maximum Output Power	APPENDIX F	PASS	------
15.247(d)	Conducted Spurious Emissions	APPENDIX G	PASS	------
15.247(e)	Power Spectral Density	APPENDIX H	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 permanently attached antenna were considered sufficient to comply with the provisions of 15.203.

2.1 TEST FACILITY

For AC power line conducted emissions, Radiated emissions(9kHz ~ 30MHz) and Power items:
The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Dalang, Dongguan City, Guangdong People's Republic of China.

For other items:
The test facilities used to collect the test data in this report is at the location of Room 108, Building 2, No.1, Yile Road, Songshan Lake Zone, Dongguan City, 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)
DG-C02	CISPR	150kHz ~ 30MHz	2.88

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-CB01	CISPR	9kHz ~ 30MHz	2.70

Test Site	Method	Measurement Frequency Range	Ant. H / V	*U*,(dB)
SSL-CB01 (3m)	CISPR	30MHz ~ 200MHz	V	4.70
		30MHz ~ 200MHz	H	3.56
		200MHz ~ 1,000MHz	V	4.92
		200MHz ~ 1,000MHz	H	4.54

Test Site	Method	Measurement Frequency Range	*U*,(dB)
SSL-CB01 (3m)	CISPR	1GHz ~ 6GHz	4.56
		6GHz ~ 18GHz	5.14

Test Site	Method	Measurement Frequency Range	*U*,(dB)
SSL-CB01 (1m)	CISPR	18 ~ 26.5 GHz	3.30

C. Other Measurement:

Test Item	Uncertainty
Bandwidth	3.8 %
Maximum Output Power	1.3 dB
Conducted Spurious Emission	2.71 dB
Power Spectral Density	0.86 dB
Temperature	0.8 °C
Humidity	2.2 %

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	Test Date
AC Power Line Conducted Emissions	21°C	72%	AC 120V/60Hz	Hayden Chen	Mar. 05, 2024
Radiated Emissions-9kHz to 30 MHz	22°C	53%	AC 120V/60Hz	Hayden Chen	Mar. 14, 2024
Radiated Emissions-30MHz to 1000MHz	20°C	45%	AC 120V/60Hz	Max Wang	Mar. 01, 2024
Radiated Emissions-Above 1000MHz	20-24°C	42-45%	AC 120V/60Hz	Max Wang	Mar. 01, 2024~ Mar. 02, 2024~
Bandwidth	22-24°C	54-57%	DC 12V	Tember Zhuang	Mar. 02, 2024~ Mar. 04, 2024
Maximum Output Power	25°C	48-53%	DC 12V	Evan Fang	Feb. 23, 2024 May 21, 2024
Conducted Spurious Emissions	22-24°C	54-57%	DC 12V	Tember Zhuang	Mar. 02, 2024~ Mar. 04, 2024
Power Spectral Density	22-24°C	54-57%	DC 12V	Tember Zhuang	Mar. 02, 2024~ Mar. 04, 2024

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	802.11ax Ceiling-mount Access Point
Brand Name	DrayTek
Test Model	VigorAP 962C
Series Model	N/A
Model Difference(s)	N/A
Hardware Version	V1
Software Version	1.16.4
Power Source	1# DC Voltage supplied from AC adapter. Model: TPA259-18120-US 2# Supplied from PoE port.
Power Rating	1# I/P: 100-240V ~ 50/60Hz 0.6A O/P: 12V ⎓ 1.5A 2# PoE:48V ⎓ 0.32A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 573.6 Mbps
Maximum Output Power _Non Beamforming	IEEE 802.11g: 25.62 dBm (0.3648 W)
Maximum Output Power _Beamforming	IEEE 802.11ax(HE40): 24.12 dBm (0.2582 W)

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Channel List:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20), IEEE 802.11ax(HE20) CH03 - CH09 for IEEE 802.11n(HT40), IEEE 802.11ax(HE40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	South star	3.N101.1181	PIFA	N/A	4.29
2	South star	3.N101.1182	PIFA	N/A	4.33

Note:

1) This EUT supports MIMO, any transmit signals are correlated with each other, so Directional gain=10log[$(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2$/N]dBi, that is Directional gain=10log[$(10^{4.29/20}+10^{4.33/20})^2$/2]dBi =7.32. So, the output power limit is 30-(7.32-6)=28.68, the power spectral density limit is 8-(7.32-6)=6.68.
2) Beamforming Gain is 3dBi. So direction gain = 3+4.33=7.33. So, the output power limit is 30-(7.33-6)=28.67.

4. Table for Antenna Configuration:

Non Beamforming:

Operating Mode / TX Mode	2TX
IEEE 802.11b	V(Ant. 1 + Ant. 2)
IEEE 802.11g	V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT20)	V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)	V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)	V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)	V(Ant. 1 + Ant. 2)

Beamforming:

Operating Mode / TX Mode	2TX
IEEE 802.11n(HT20)	V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)	V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)	V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)	V(Ant. 1 + Ant. 2)

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 B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09
Mode 7	TX G Mode Channel 01

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 7	TX G Mode Channel 01

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 7	TX G Mode Channel 01

Radiated emissions test- Above 1GHz_Non Beamforming	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09

Maximum Output Power test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09

Maximum Output Power test_Beamforming	
Final Test Mode	Description
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09

Other Conducted test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09

NOTE:
(1) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(2) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX G Mode Channel 01 is found to be the worst case and recorded.
(3) 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.
(4) For radiated emission Harmonic 18-26.5GHz test, only tested the worst case and recorded.
(5) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
(6) For radiated emission above 1 GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Horizontal and recorded.
(7) The measured values of the test output power are recorded in the report for both non beamforming mode and beamforming mode. The output power of the non beamforming mode is higher, so only other test items in this mode will be recorded.
(8) For radiated spurious emissions below 1 GHz test, AC adapter supply and PoE supply had been evaluated. The worst case is AC adapter supply and recorded.

3.3 PARAMETERS OF TEST SOFTWARE

Non Beamforming

Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	17.5	18	17.5
IEEE 802.11g	21	21	21
IEEE 802.11n(HT20)	21	21	21.5
IEEE 802.11ax(HE20)	22	22	22
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	21.5	21.5	21.5
IEEE 802.11ax(HE40)	21.5	21.5	22

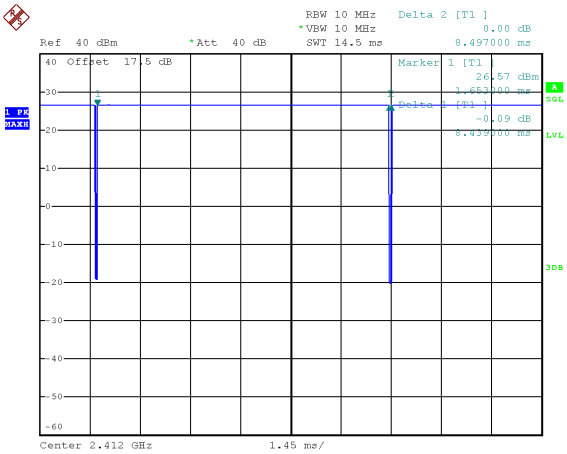
Beamforming

Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	2412	2437	2462
IEEE 802.11n(HT20)	20	20	20
IEEE 802.11ax(HE20)	20	20	20
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	20	20	20
IEEE 802.11ax(HE40)	20.5	20.5	20.5

3.4 DUTY CYCLE

If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.
The output power = measured power + duty factor.

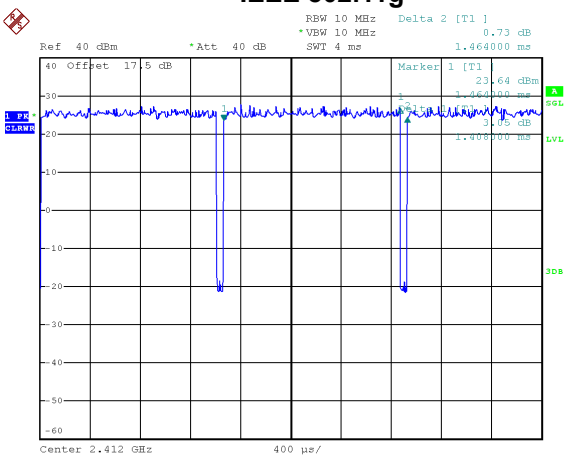
IEEE 802.11b



Date: 2.MAR.2024 16:10:58

Duty cycle = 8.439 ms / 8.497 ms = 99.32%
Duty Factor = 10 log(1/Duty cycle) = 0.00

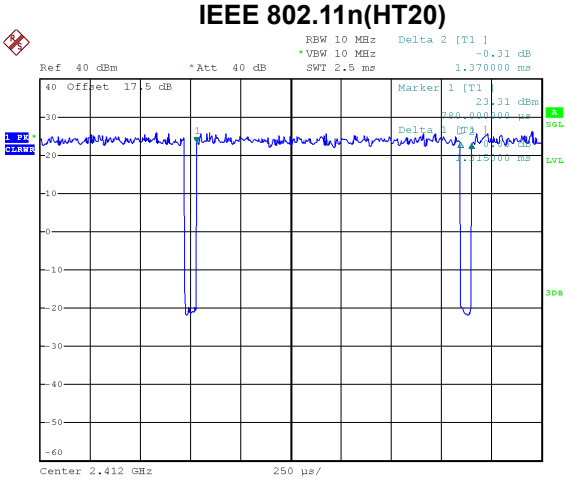
IEEE 802.11g



Date: 2.MAR.2024 16:11:20

Duty cycle = 1.408 ms / 1.464 ms = 96.17%
Duty Factor = 10 log(1/Duty cycle) = 0.17

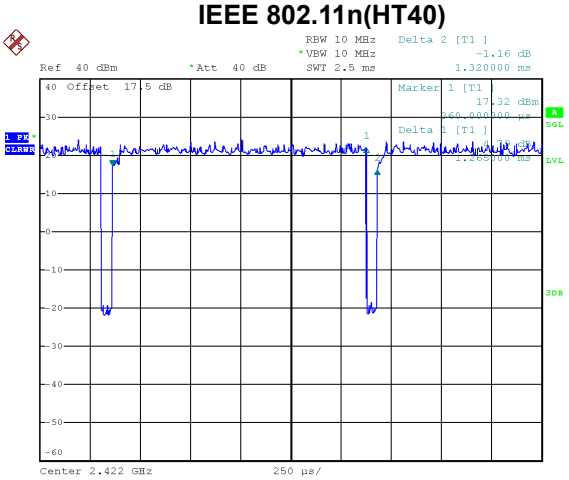
IEEE 802.11n(HT20)



Date: 2.MAR.2024 16:11:42

Duty cycle = 1.315 ms / 1.370 ms = 95.99%
Duty Factor = 10 log(1/Duty cycle) = 0.18

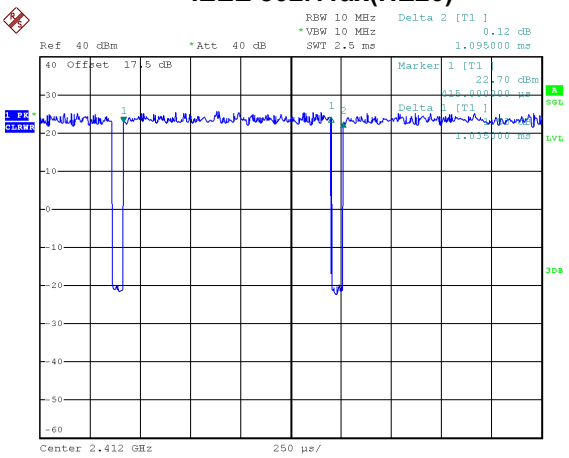
IEEE 802.11n(HT40)



Date: 2.MAR.2024 16:12:26

Duty cycle = 1.265 ms / 1.320 ms = 95.83%
Duty Factor = 10 log(1/Duty cycle) = 0.18

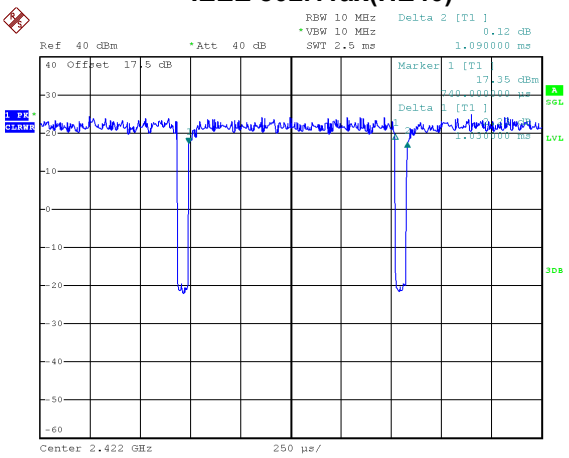
IEEE 802.11ax(HE20)



Date: 2.MAR.2024 16:13:52

Duty cycle = 1.035 ms / 1.095 ms = 94.52%
Duty Factor = 10 log(1/Duty cycle) = 0.24

IEEE 802.11ax(HE40)



Date: 2.MAR.2024 16:12:56

Duty cycle = 1.030 ms / 1.090 ms = 94.50%
Duty Factor = 10 log(1/Duty cycle) = 0.25

NOTE:
For IEEE 802.11b:
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

For IEEE 802.11g:
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 710 Hz.

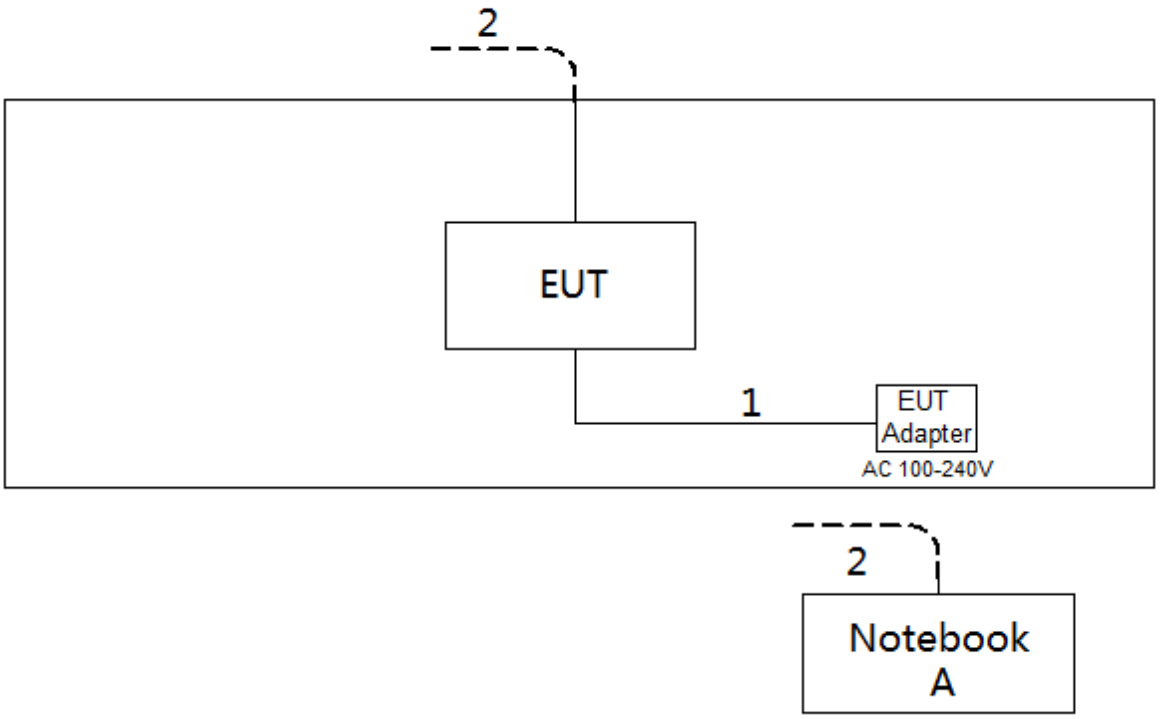
For IEEE 802.11n(HT20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 760 Hz.

For IEEE 802.11n(HT40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 791 Hz.

For IEEE 802.11ax(HE20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 966 Hz.

For IEEE 802.11ax(HE40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 971 Hz.

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Honor	14SER5 3500	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.5m
2	RJ45 Cable	NO	NO	10m

3.7 CUSTOMER INFORMATION DESCRIPTION

1) The antenna gain and beamforming gain are 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 56*	56 to 46*
0.5 - 5.0	56	46
5.0 - 30.0	60	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.

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.

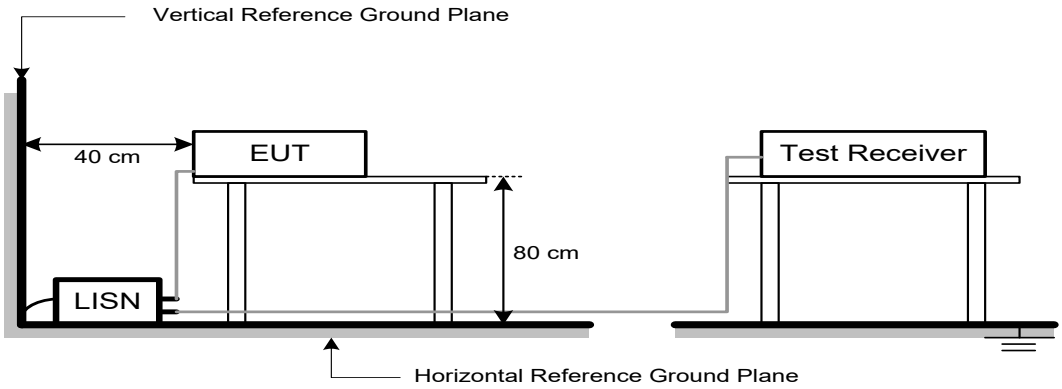
The following table is the setting of the receiver:

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 OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

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 4)	63.5 (Note 4)

NOTE:

(1) The limit for radiated test was performed according to RSS-Gen.

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

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

(4)

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

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

5.2 TEST PROCEDURE

a. 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)
b. 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)
c. 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.
d. 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).
e. 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.
f. 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.
g. 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)
h. 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)
i. 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

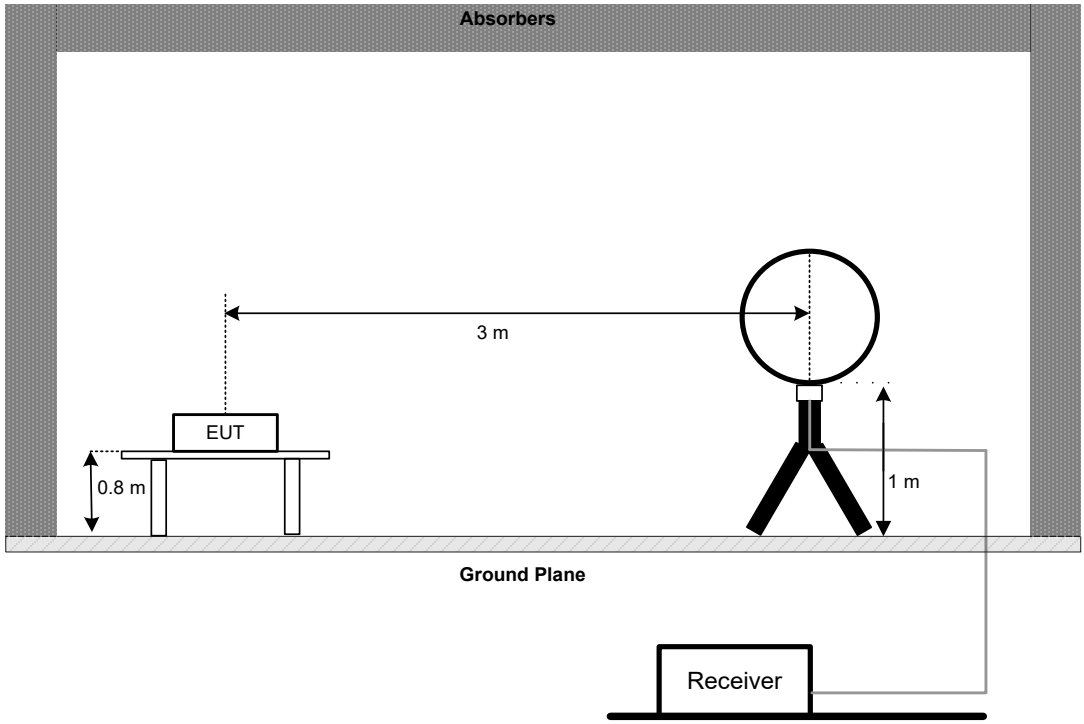
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

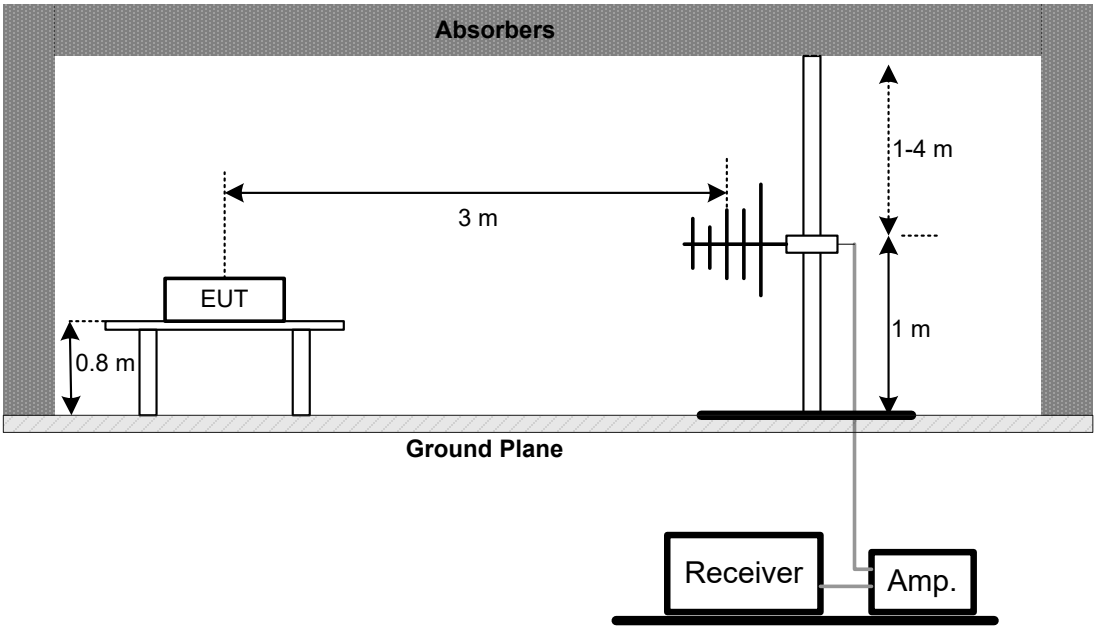
No deviation.

5.4 TEST SETUP

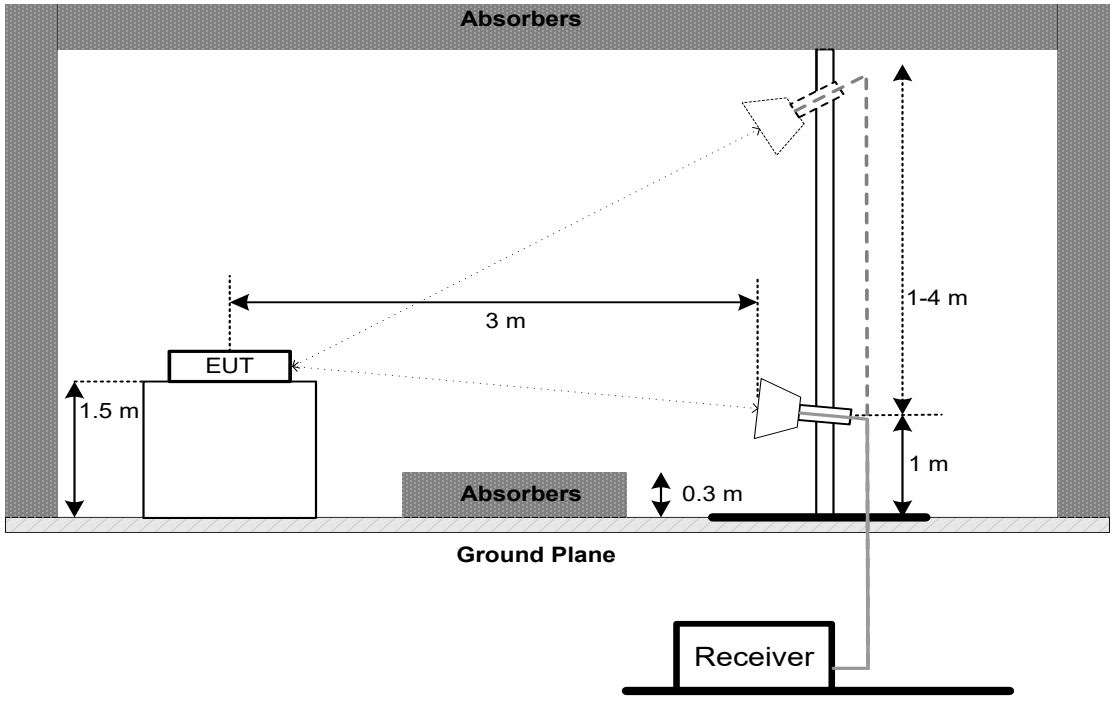
9 kHz to 30 MHz



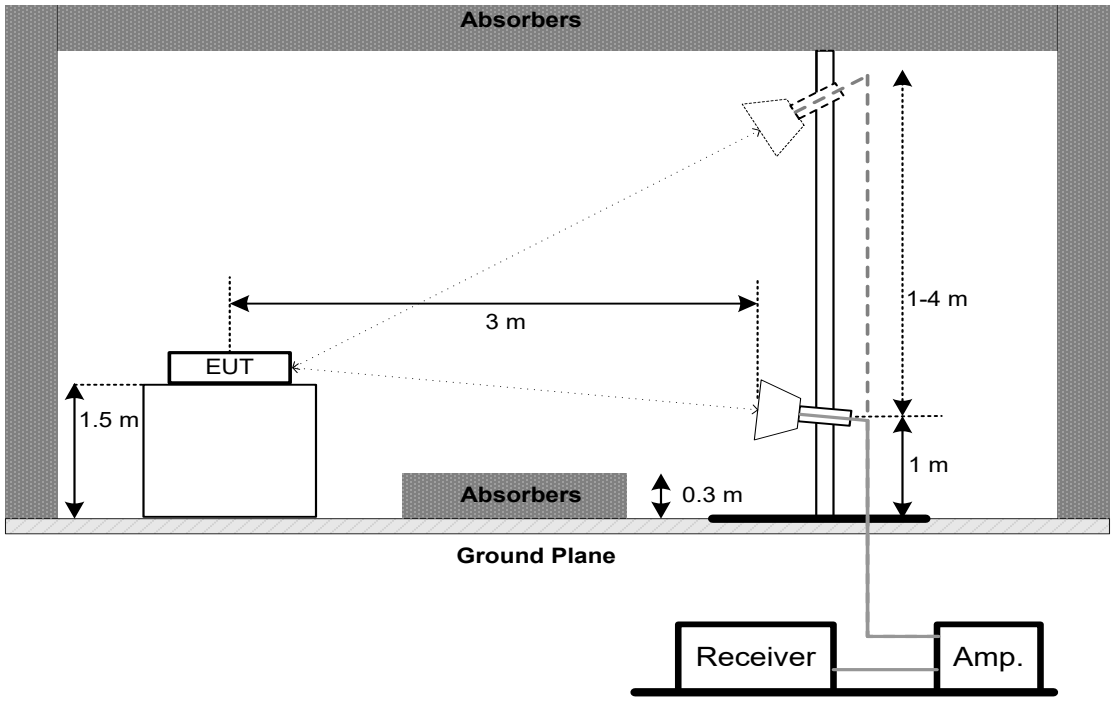
30 MHz to 1 GHz



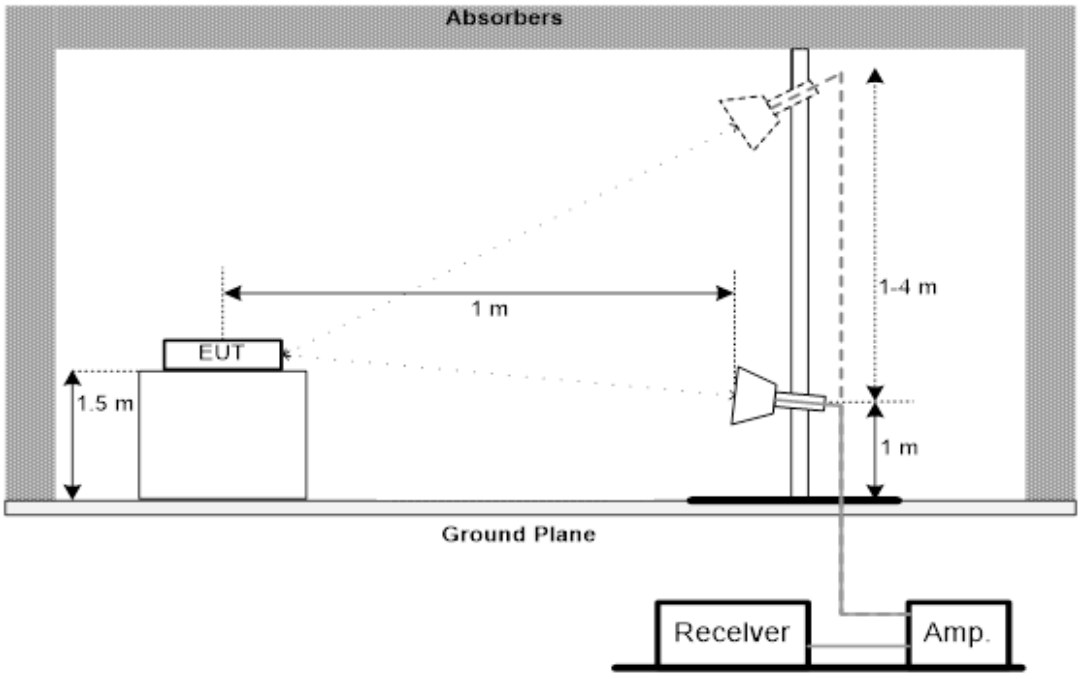
Above 1 GHz
Band edge



Harmonic(1 GHz to 18 GHz)



Harmonic(18 GHz to 26.5 GHz)



5.5 EUT OPERATION 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 (specific distance / 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. BANDWIDTH

6.1 LIMIT

Section	Test Item	Limit
FCC 15.247(a)(2)	6 dB Bandwidth	Minimum 500 kHz
	99% Emission Bandwidth	-

6.2 TEST PROCEDURE

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

For 6 dB Bandwidth:

Spectrum Parameters	Setting
Span Frequency	> Measurement Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

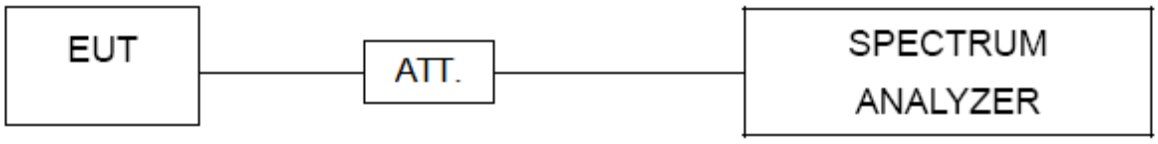
For 99% Emission Bandwidth:

Spectrum Parameters	Setting
Span Frequency	Between 1.5 times and 5.0 times the OBW
RBW	300 kHz For 20MHz 1 MHz For 40MHz
VBW	1 MHz For 20MHz 3 MHz For 40MHz
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. MAXIMUM OUTPUT POWER

7.1 LIMIT

Section	Test Item	Limit
FCC 15.247(b)(3)	Maximum Output Power	1.0000 Watt or 30.00 dBm

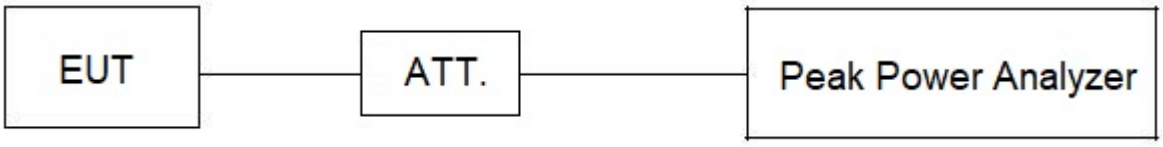
7.2 TEST PROCEDURE

a. The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.
b. The maximum conducted output power was performed in accordance with method 11.9.2.3.1 of ANSI C63.10-2013 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

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. CONDUCTED SPURIOUS EMISSIONS

8.1 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.

8.2 TEST PROCEDURE

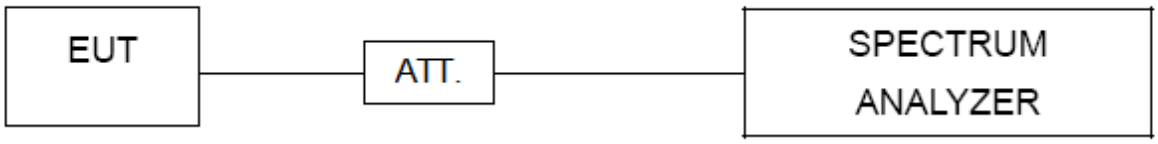
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. The following table is the setting of the spectrum analyzer:

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

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. POWER SPECTRAL DENSITY

9.1 LIMIT

Section	Test Item	Limit
FCC 15.247(e)	Power Spectral Density	8 dBm (in any 3 kHz)

9.2 TEST PROCEDURE

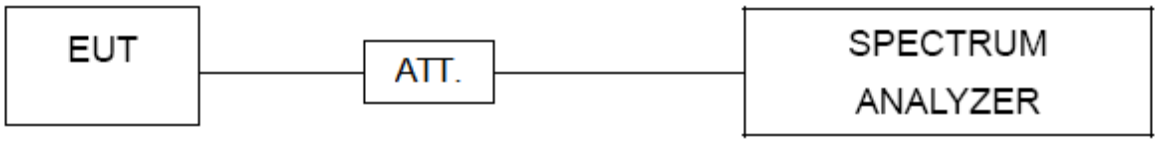
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span Frequency	25 MHz (20 MHz) / 60 MHz (40 MHz)
RBW	3 kHz
VBW	10 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. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESR3	103027	Jun. 16, 2024
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Dec. 22, 2024
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M -001	9M	Nov. 27, 2024
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60B	1513-60 B-034	Mar. 30, 2025
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Dec. 22, 2024
3	Cable	N/A	RW2350-3.8A-NMB M-1.5M	N/A	Jun. 10, 2024
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chamber room	ETS	9*6*6	N/A	Jul. 11, 2024

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	01269	May 15, 2024
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AN-N0697	May 15, 2024
3	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-2500	N/A	Jun. 08, 2024
4	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-7000	N/A	Jun. 08, 2024
5	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-3000	N/A	Jun. 08, 2024
6	Positioning Controller	MF	MF-7802BS	N/A	N/A
7	Max-Full Antenna Corp	MF	MFA-560BSN	N/A	N/A
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
9	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	Jun. 07, 2024
10	MXE EMI Receiver	Keysight	N9038A	MY59050118	Sep. 26, 2024
11	Preamplifier	EMC INSTRUMENT	EMC001330	980825	Jan. 19, 2025

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
2	MXE EMI Receiver	Keysight	N9038A	MY59050118	Sep. 26, 2024
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-10000	N/A	Jun. 08, 2024
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3000	N/A	Jun. 08, 2024
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-800	N/A	Jun. 08, 2024
7	Double Ridged Broadband Horn Antenna	RF SPIN	DRH18-E	210106A18E	Jul. 04, 2024
8	Cable	EMC INSTRUMENT	EMC101G-KM-KM-800	N/A	Aug. 13, 2024
9	Cable	EMC INSTRUMENT	EMC101G-KM-KM-6000	N/A	Aug. 13, 2024
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	1046	Jul. 05, 2024
11	Band Reject Filter	COM-MW	ZHPF6-C3000-18000-174	07213126	Jul. 07, 2024
12	MXE EMI Receiver	Keysight	N9038A	MY59050118	Sep. 26, 2024
13	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980739	Jan. 19, 2025
14	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	Jun. 07, 2024

Bandwidth & Conducted Spurious Emissions & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	Jun. 16, 2024
2	Attenuator	RegalWay	RWA-201-S-10	N/A	Sep. 26, 2024
3	Measurement Software	BTL	BTL Conducted Test	N/A	N/A
4	Attenuator	RegalWay	RWA-201-S-6	N/A	Sep. 26, 2024
5	DC Block	N/A	N/A	N/A	N/A

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Attenuator	RegalWay	RWA-201-S-10	NA	Sep. 26, 2024
2	Power sensors	MA24408A	12592	NA	Dec. 22, 2024
3	MA24400A PEAK POWER ANALYZER	VERSION 1.1.0.0	N/A	N/A	N/A

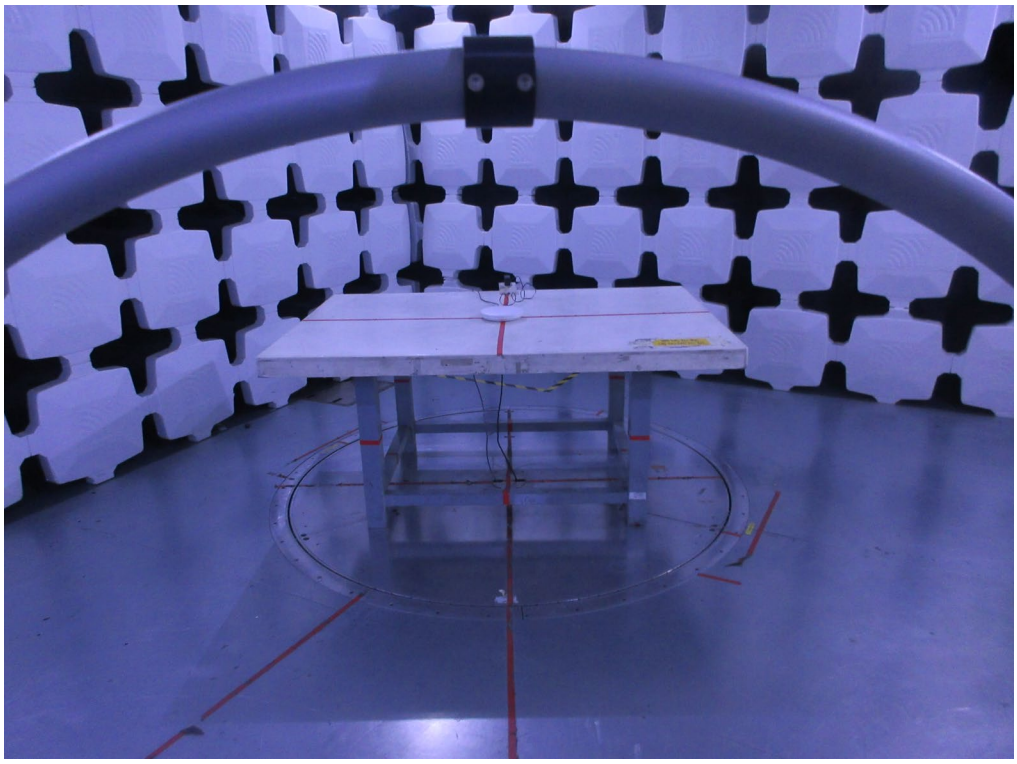
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

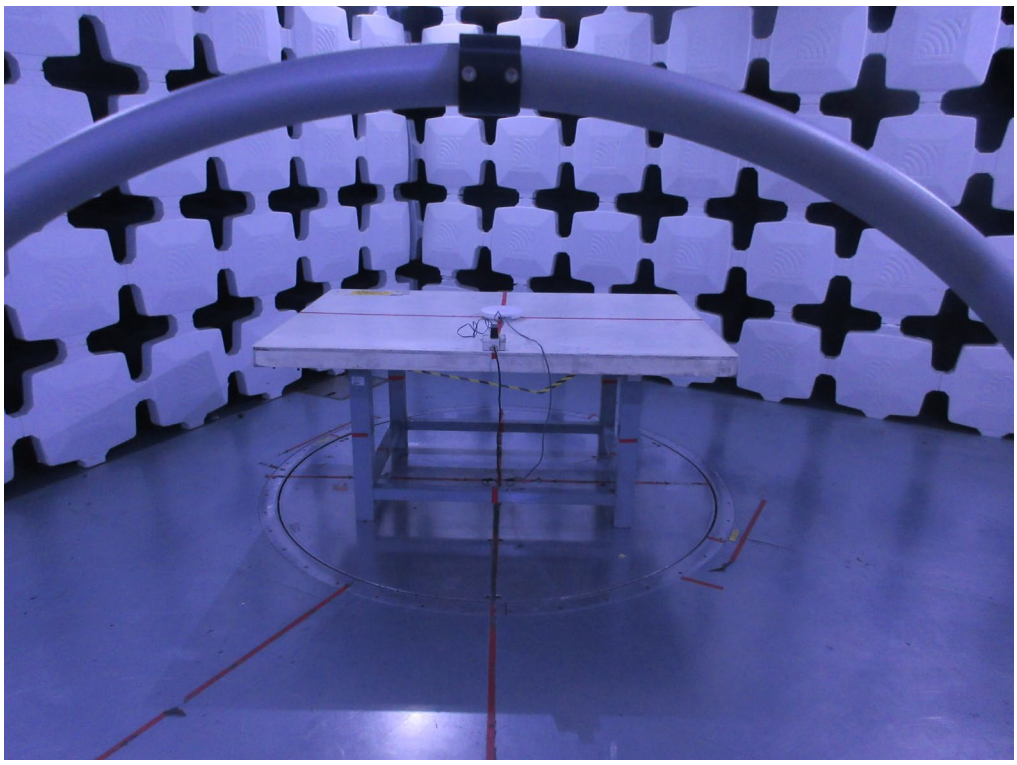
11. EUT TEST PHOTO

AC Power Line Conducted Emissions Test Photos

Radiated Emissions Test Photos

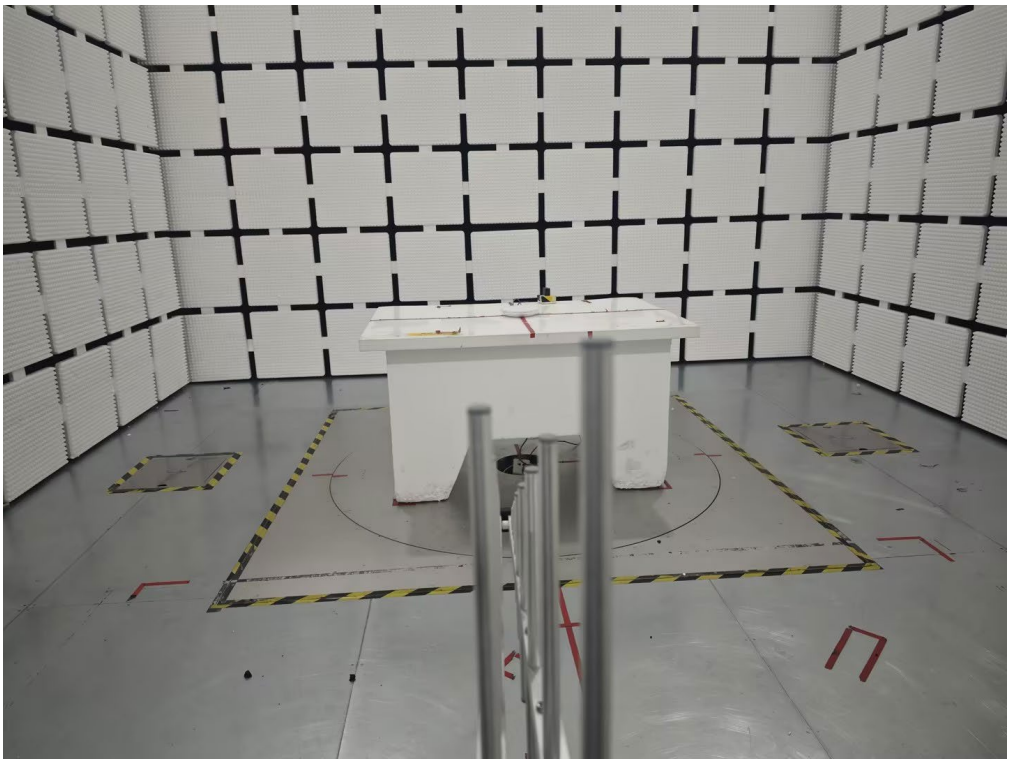
9 kHz to 30 MHz

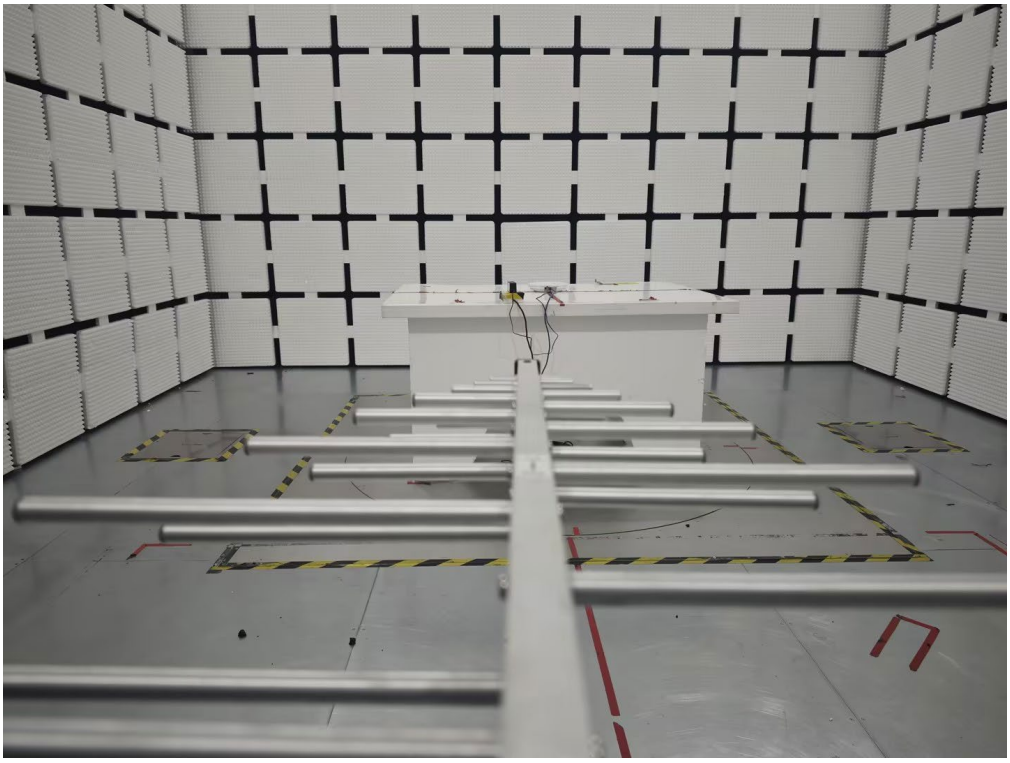




Radiated Emissions Test Photos

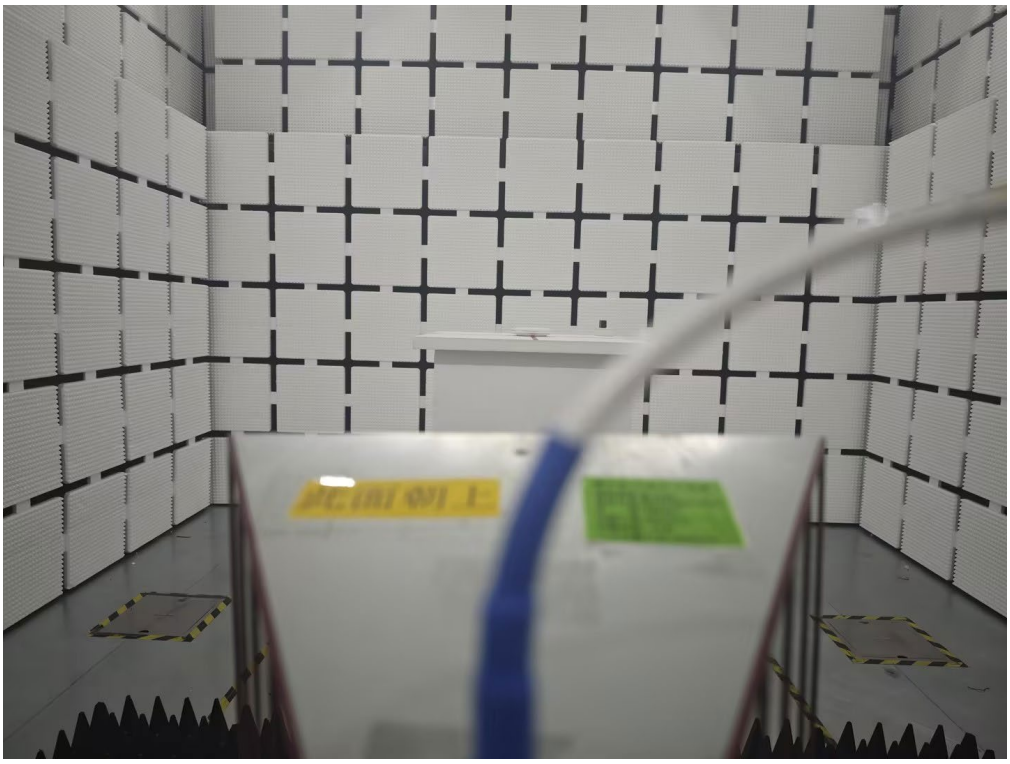
30 MHz to 1 GHz

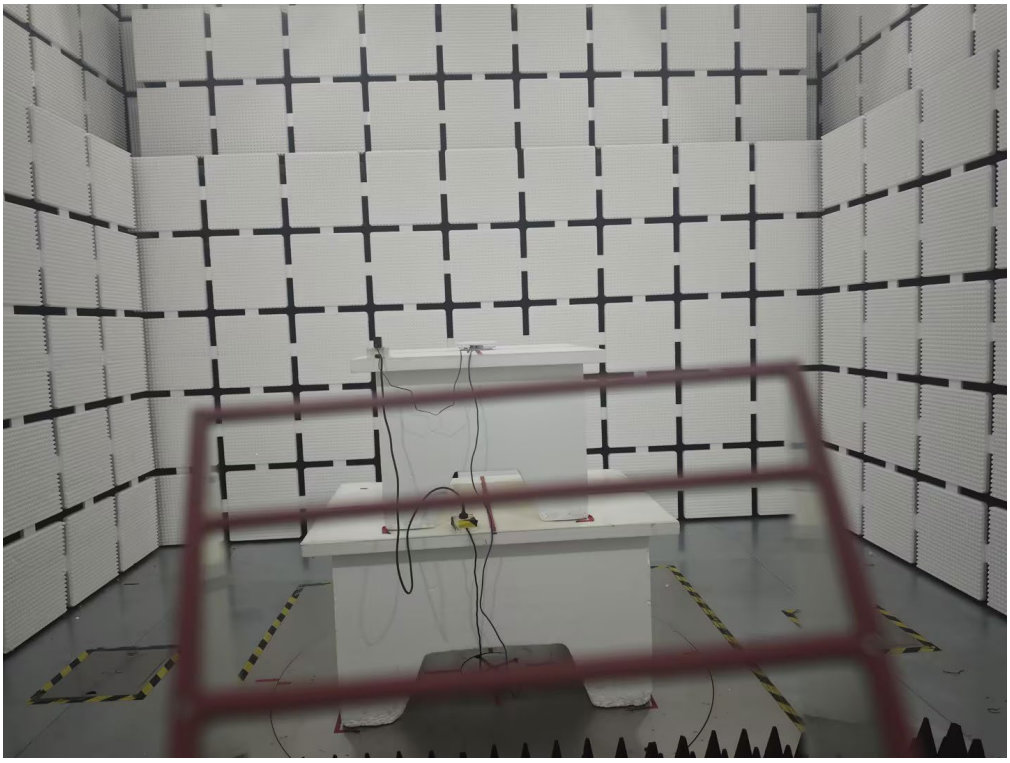




Radiated Emissions Test Photos

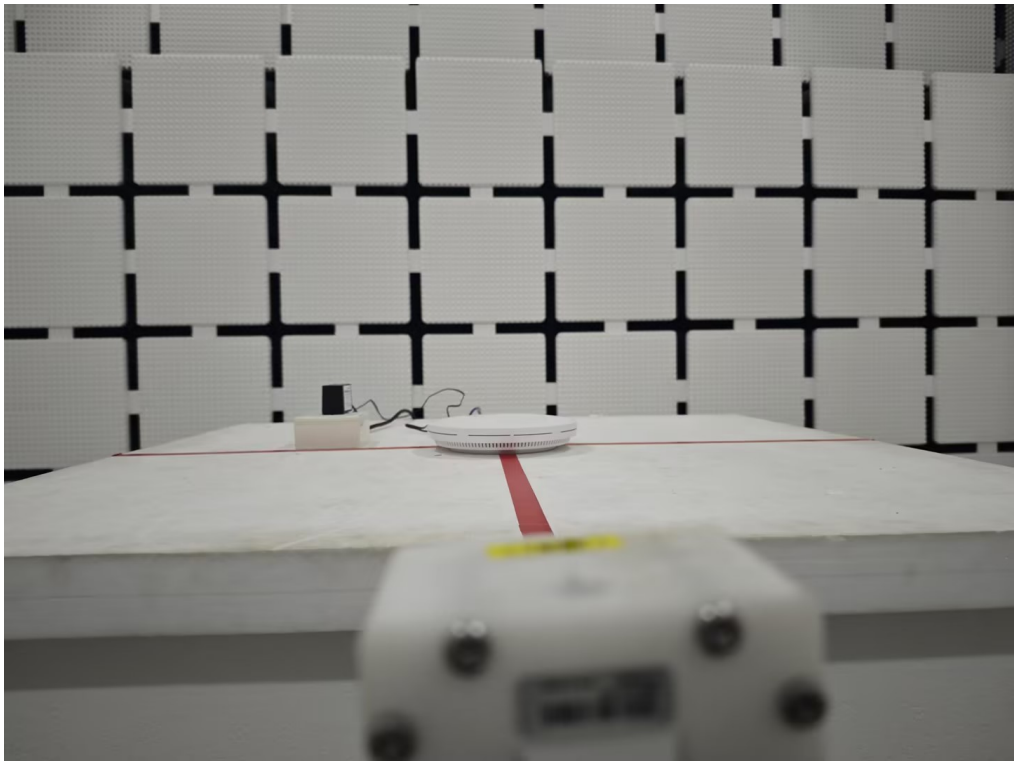
Band edge & Harmonic (1 GHz to 18 GHz)

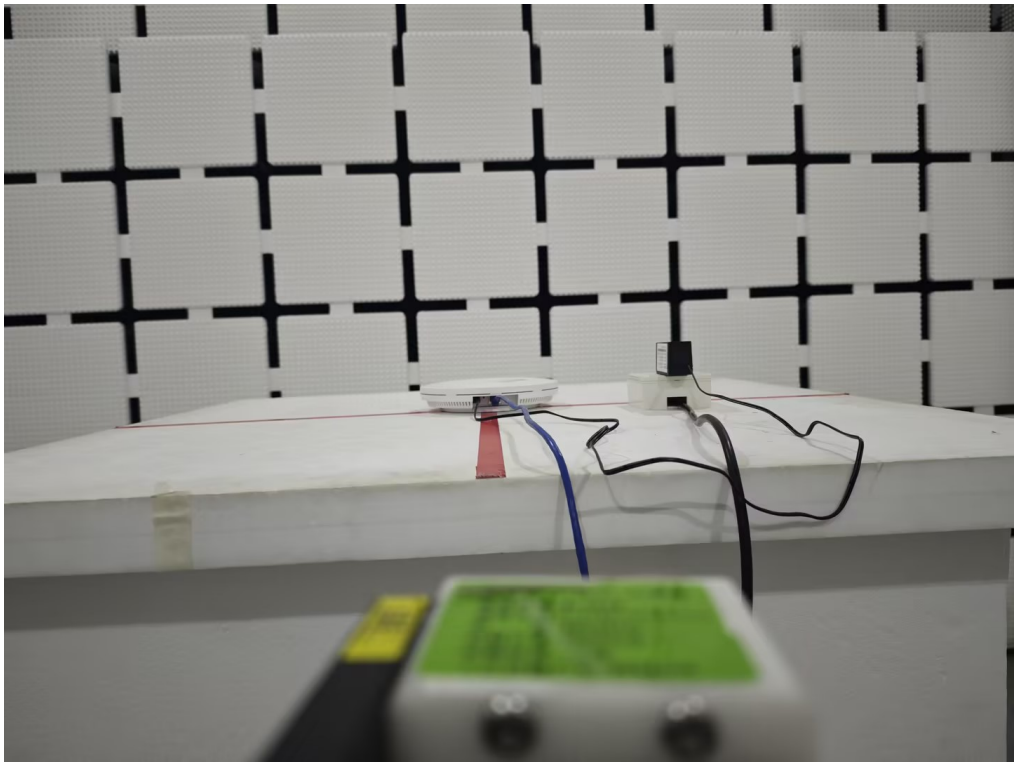




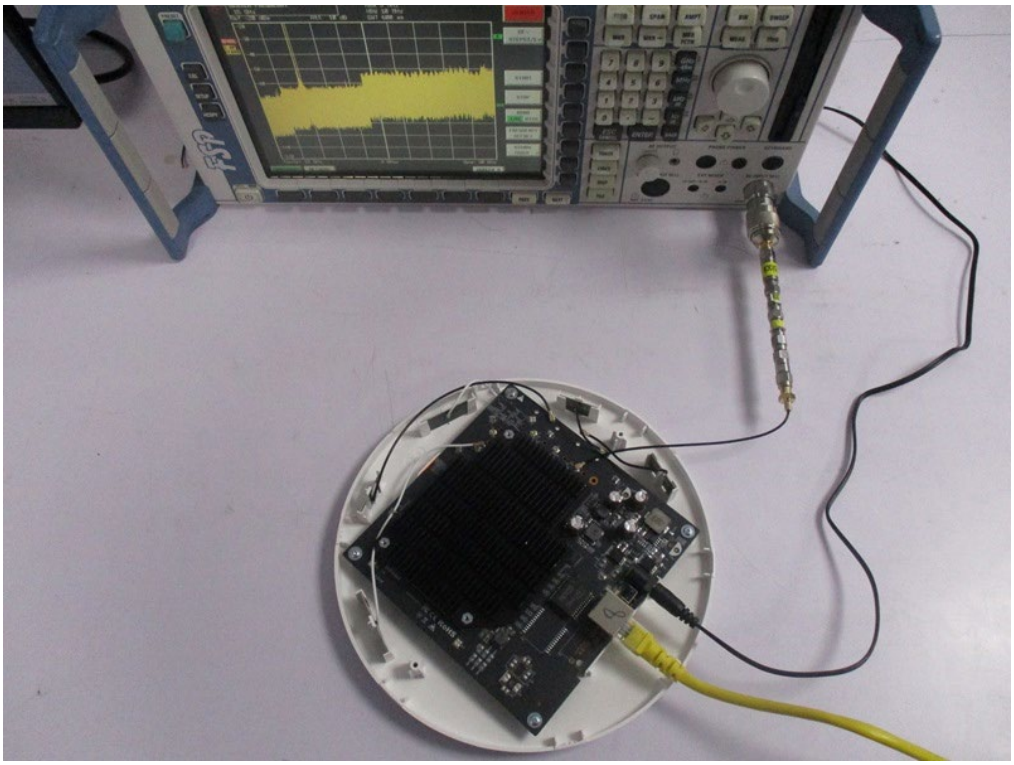
Radiated Emissions Test Photos

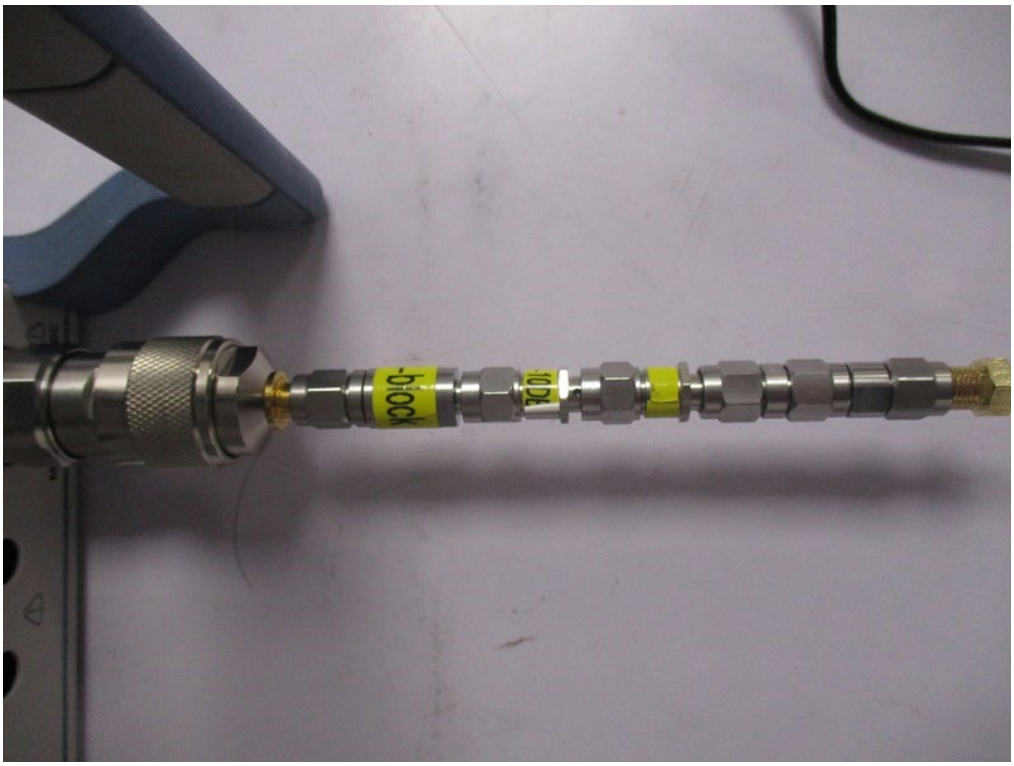
Harmonic (18 GHz to 26.5 GHz)





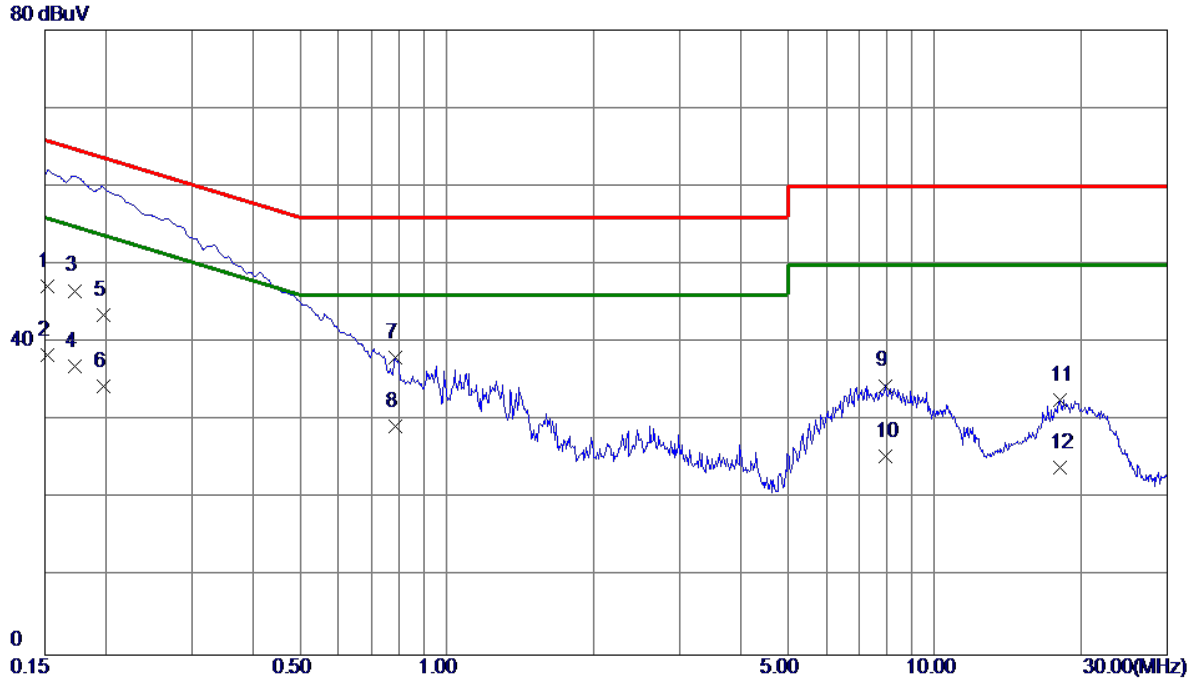
Conducted Test Photos





APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

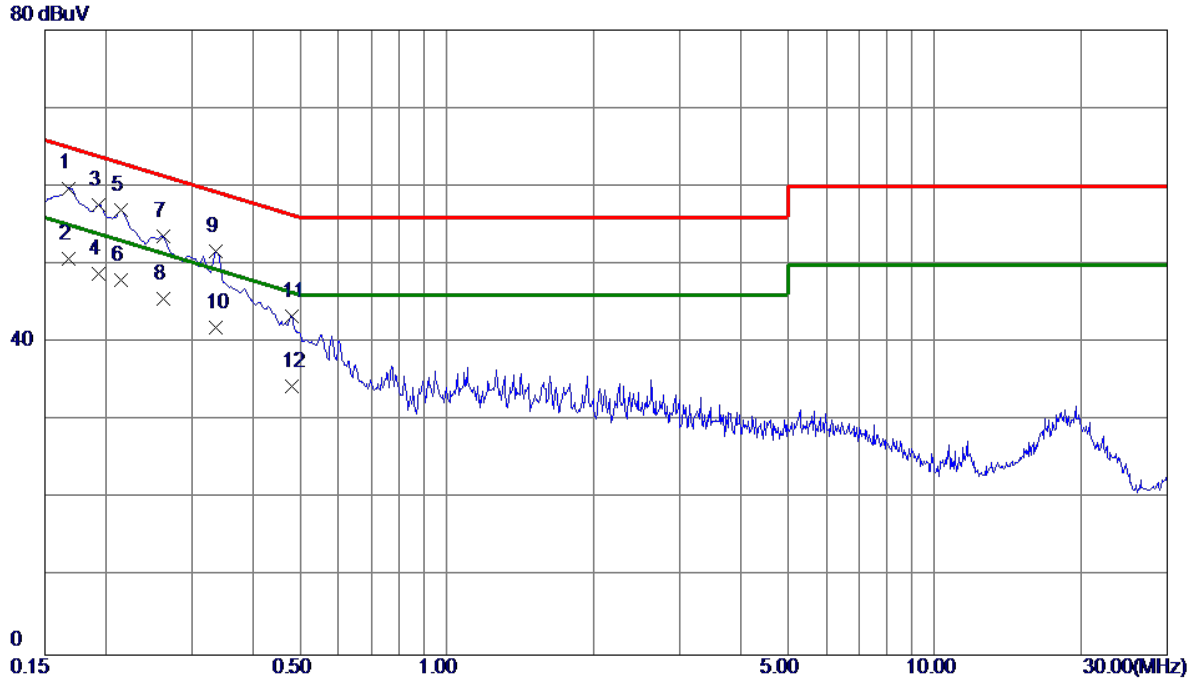
Test Mode	TX G Mode Channel 01	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1522	37.50	9.74	47.24	65.88	-18.64	QP	
2	0.1522	28.60	9.74	38.34	55.88	-17.54	AVG	
3	0.1725	36.90	9.74	46.64	64.84	-18.20	QP	
4	0.1725	27.20	9.74	36.94	54.84	-17.90	AVG	
5	0.1973	33.80	9.74	43.54	63.72	-20.18	QP	
6	0.1973	24.70	9.74	34.44	53.72	-19.28	AVG	
7	0.7822	28.27	9.81	38.08	56.00	-17.92	QP	
8 *	0.7822	19.50	9.81	29.31	46.00	-16.69	AVG	
9	7.9148	24.21	10.27	34.48	60.00	-25.52	QP	
10	7.9148	15.10	10.27	25.37	50.00	-24.63	AVG	
11	18.0735	22.30	10.40	32.70	60.00	-27.30	QP	
12	18.0735	13.60	10.40	24.00	50.00	-26.00	AVG	

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

Test Mode	TX G Mode Channel 01	Phase	Neutral

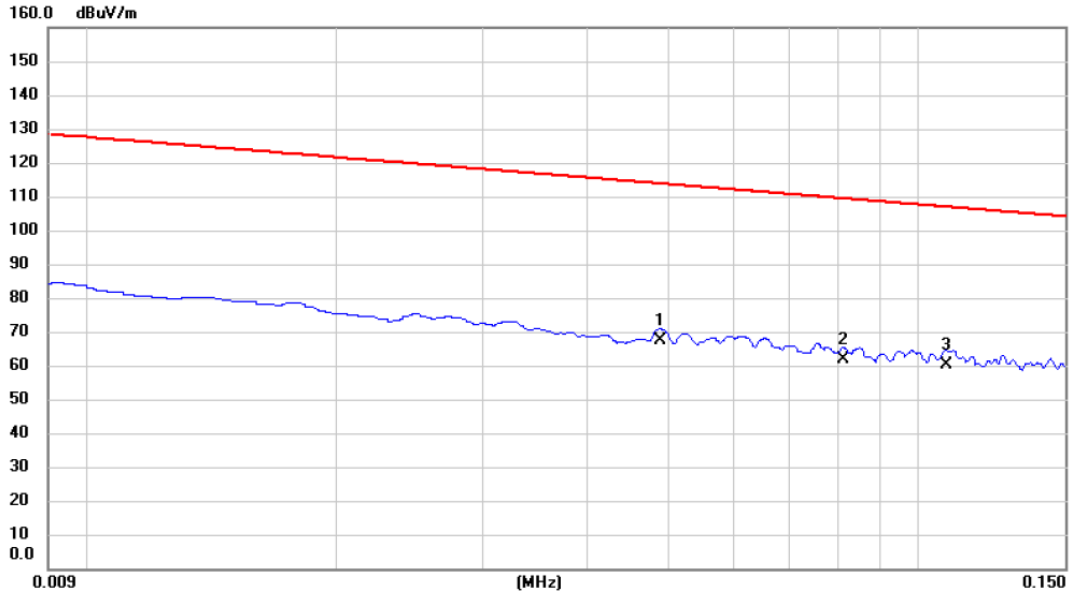


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1680	50.17	9.59	59.76	65.06	-5.30	QP	
2 *	0.1680	41.10	9.59	50.69	55.06	-4.37	AVG	
3	0.1928	48.04	9.60	57.64	63.92	-6.28	QP	
4	0.1928	39.20	9.60	48.80	53.92	-5.12	AVG	
5	0.2153	47.33	9.60	56.93	63.00	-6.07	QP	
6	0.2153	38.40	9.60	48.00	53.00	-5.00	AVG	
7	0.2625	44.01	9.62	53.63	61.35	-7.72	QP	
8	0.2625	35.90	9.62	45.52	51.35	-5.83	AVG	
9	0.3367	41.99	9.64	51.63	59.28	-7.65	QP	
10	0.3367	32.30	9.64	41.94	49.28	-7.34	AVG	
11	0.4807	33.65	9.65	43.30	56.33	-13.03	QP	
12	0.4807	24.80	9.65	34.45	46.33	-11.88	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

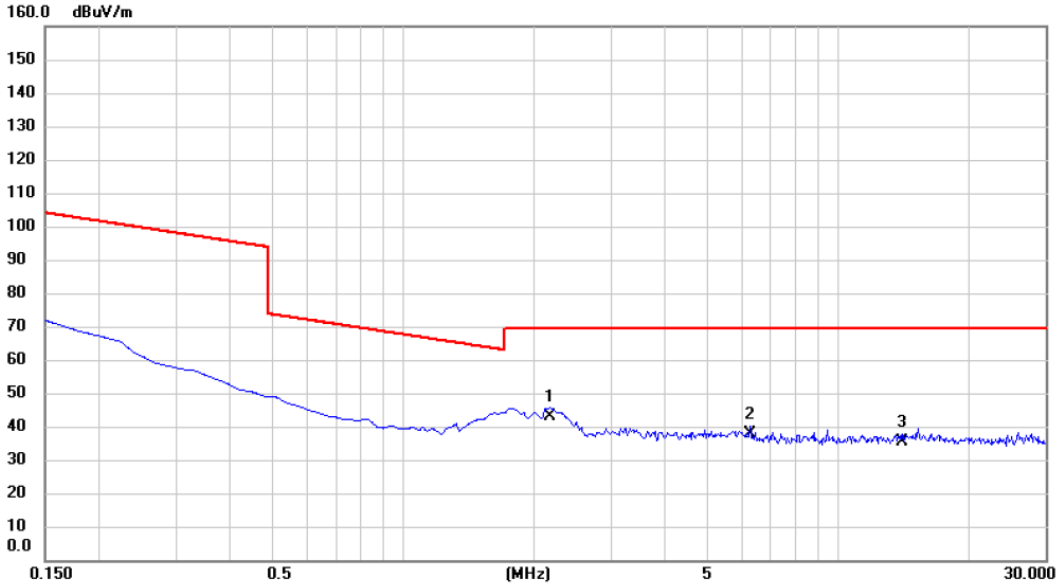
Test Mode	TX G Mode Channel 01	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0490	47.56	19.80	67.36	113.80	-46.44	AVG	
2		0.0813	41.89	19.89	61.78	109.40	-47.62	AVG	
3		0.1080	40.52	19.83	60.35	106.94	-46.59	QP	

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

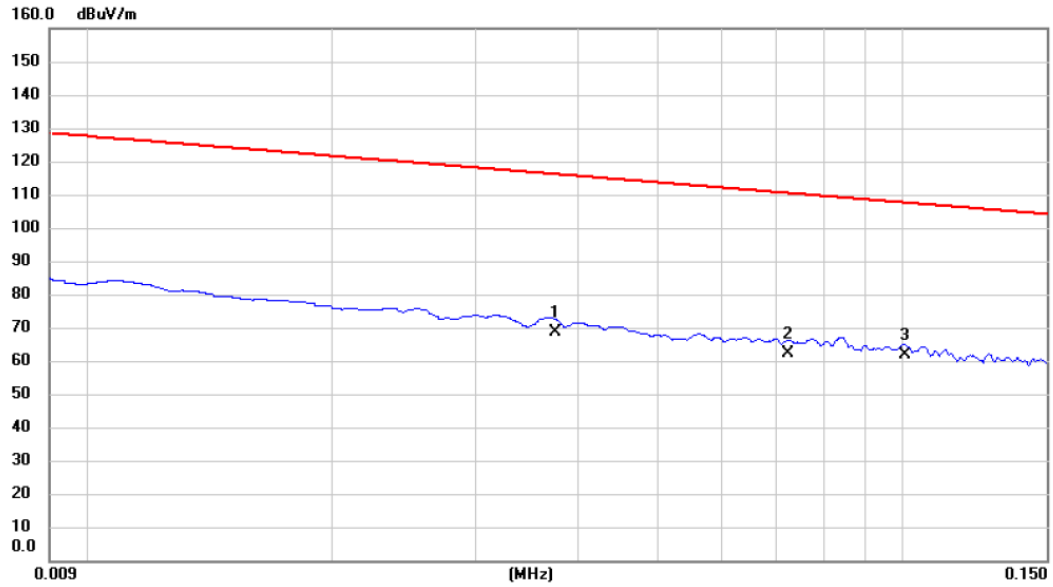
Test Mode	TX G Mode Channel 01	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2.1798	23.12	19.81	42.93	69.54	-26.61	QP	
2		6.2543	17.82	19.97	37.79	69.54	-31.75	QP	
3		14.0303	15.33	20.25	35.58	69.54	-33.96	QP	

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

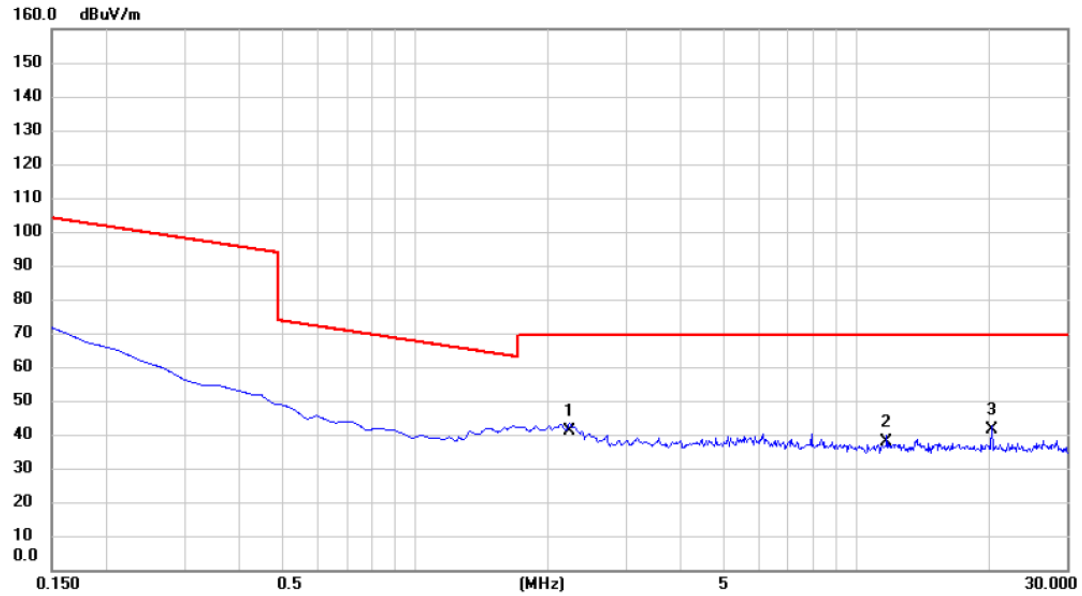
Test Mode	TX G Mode Channel 01	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0375	48.65	19.80	68.45	116.12	-47.67	AVG	
2		0.0724	42.39	19.87	62.26	110.41	-48.15	AVG	
3	*	0.1005	41.84	19.83	61.67	107.56	-45.89	QP	

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

Test Mode	TX G Mode Channel 01	Polarization	Ant 90°

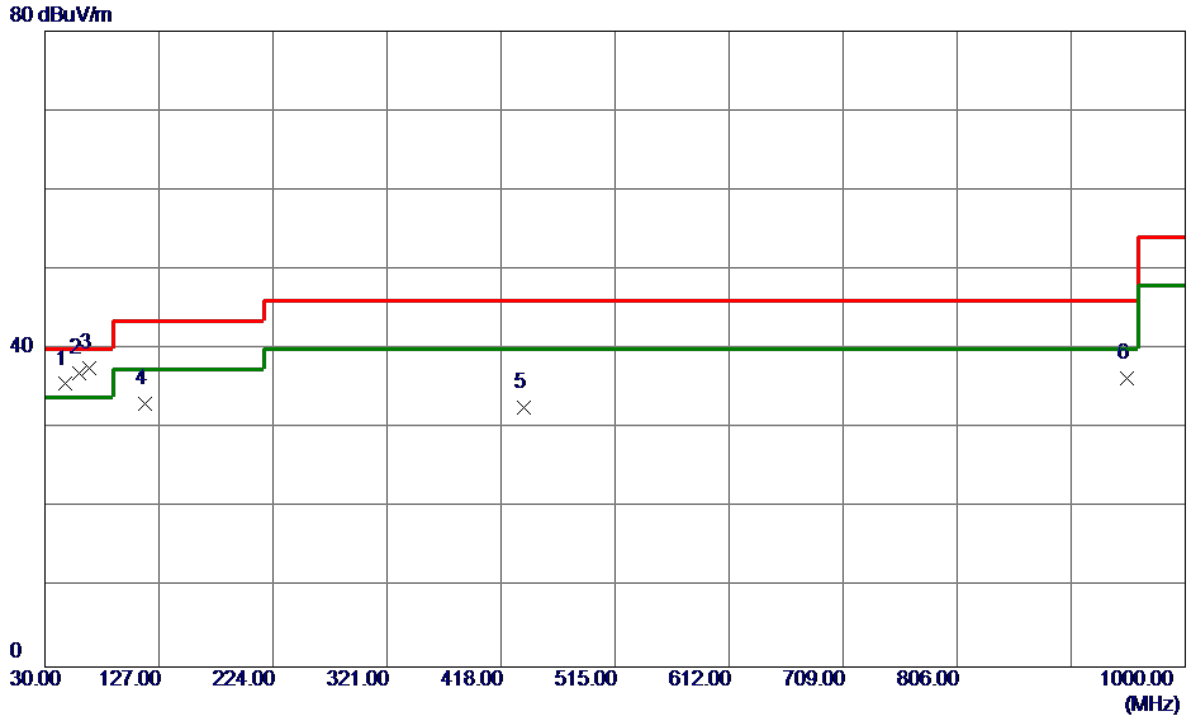


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2.2395	21.32	19.81	41.13	69.54	-28.41	QP	
2		11.7170	17.45	20.23	37.68	69.54	-31.86	QP	
3	*	20.2390	20.63	20.62	41.25	69.54	-28.29	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

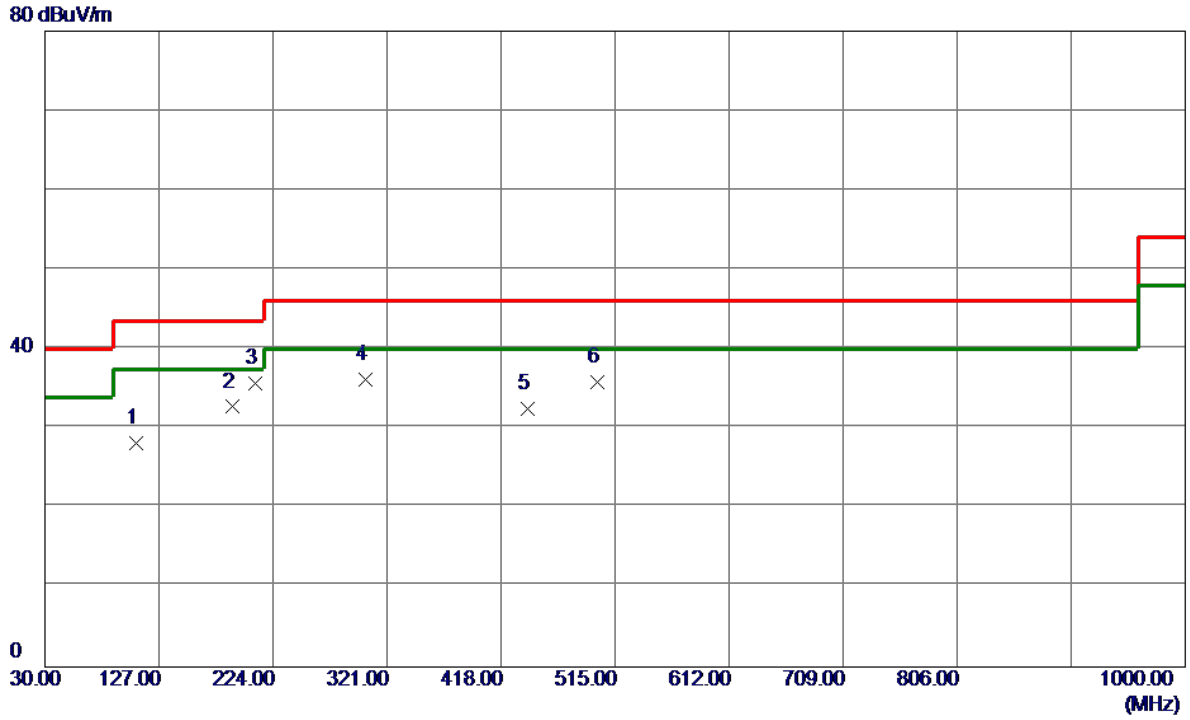
Test Mode	TX G Mode Channel 01	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	47.4600	47.60	-12.00	35.60	40.00	-4.40	Peak	
2	58.6150	49.41	-12.42	36.99	40.00	-3.01	Peak	
3 *	67.3450	51.28	-13.65	37.63	40.00	-2.37	Peak	
4	114.8750	47.72	-14.59	33.13	43.50	-10.37	Peak	
5	437.4000	40.26	-7.68	32.58	46.00	-13.42	Peak	
6	950.5300	35.92	0.34	36.26	46.00	-9.74	Peak	

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

Test Mode	TX G Mode Channel 01	Polarization	Horizontal

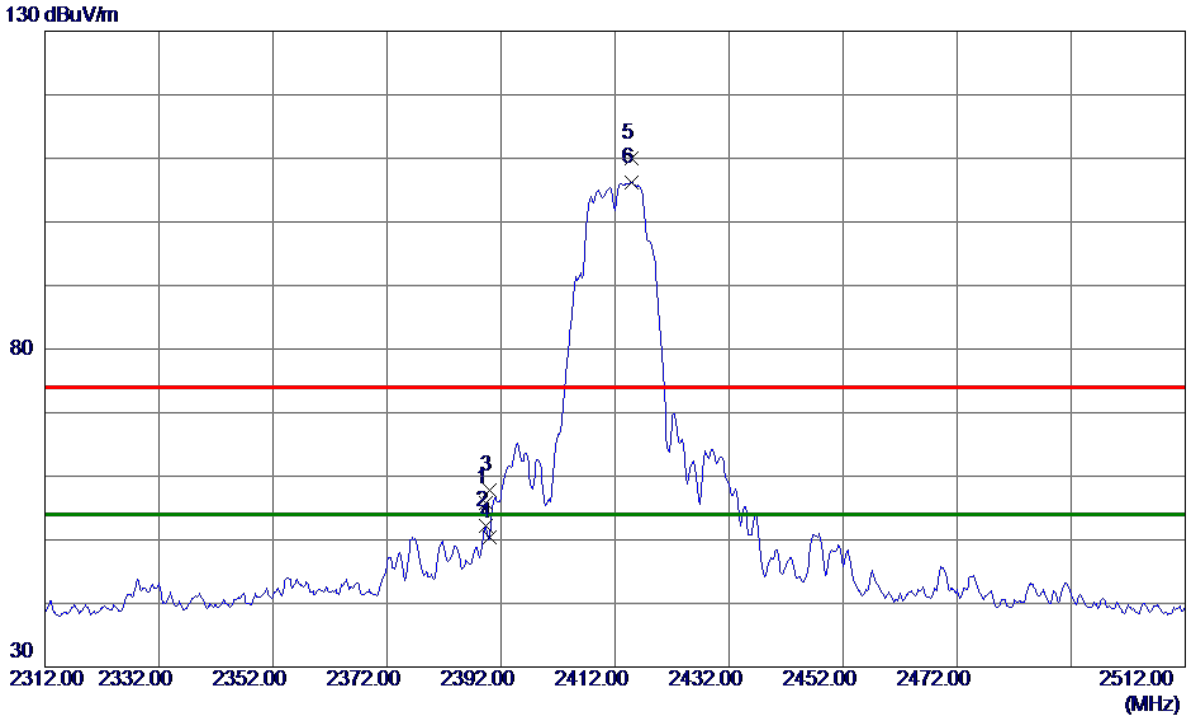


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	108.0850	43.49	-15.31	28.18	43.50	-15.32	Peak	
2	189.5650	46.91	-14.19	32.72	43.50	-10.78	Peak	
3 *	208.9650	50.74	-15.00	35.74	43.50	-7.76	Peak	
4	302.5700	47.36	-11.14	36.22	46.00	-9.78	Peak	
5	440.7950	40.12	-7.57	32.55	46.00	-13.45	Peak	
6	499.9650	42.43	-6.56	35.87	46.00	-10.13	Peak	

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

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

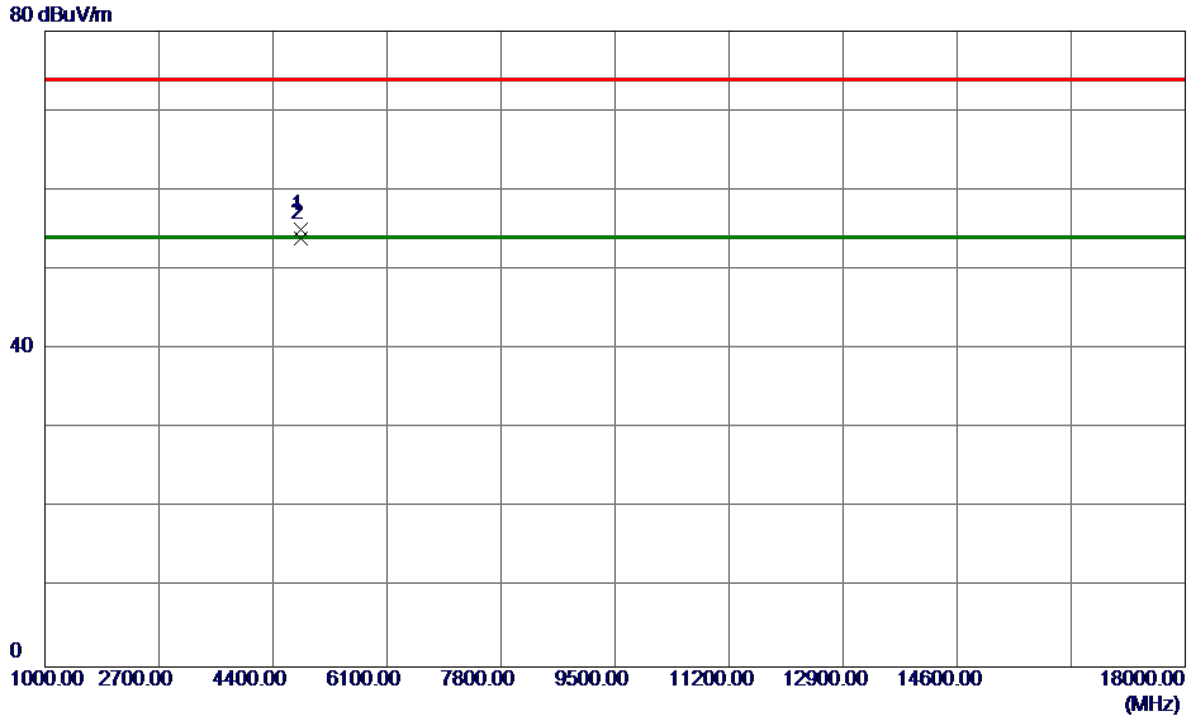
Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.3000	50.19	5.61	55.80	74.00	-18.20	Peak	
2	2389.3000	46.51	5.61	52.12	54.00	-1.88	AVG	
3	2390.0000	52.23	5.61	57.84	74.00	-16.16	Peak	
4	2390.0000	44.75	5.61	50.36	54.00	-3.64	AVG	
5	2414.8000	104.38	5.65	110.03	74.00	36.03	Peak	No Limit
6 *	2414.8000	100.55	5.65	106.20	54.00	52.20	AVG	No Limit

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

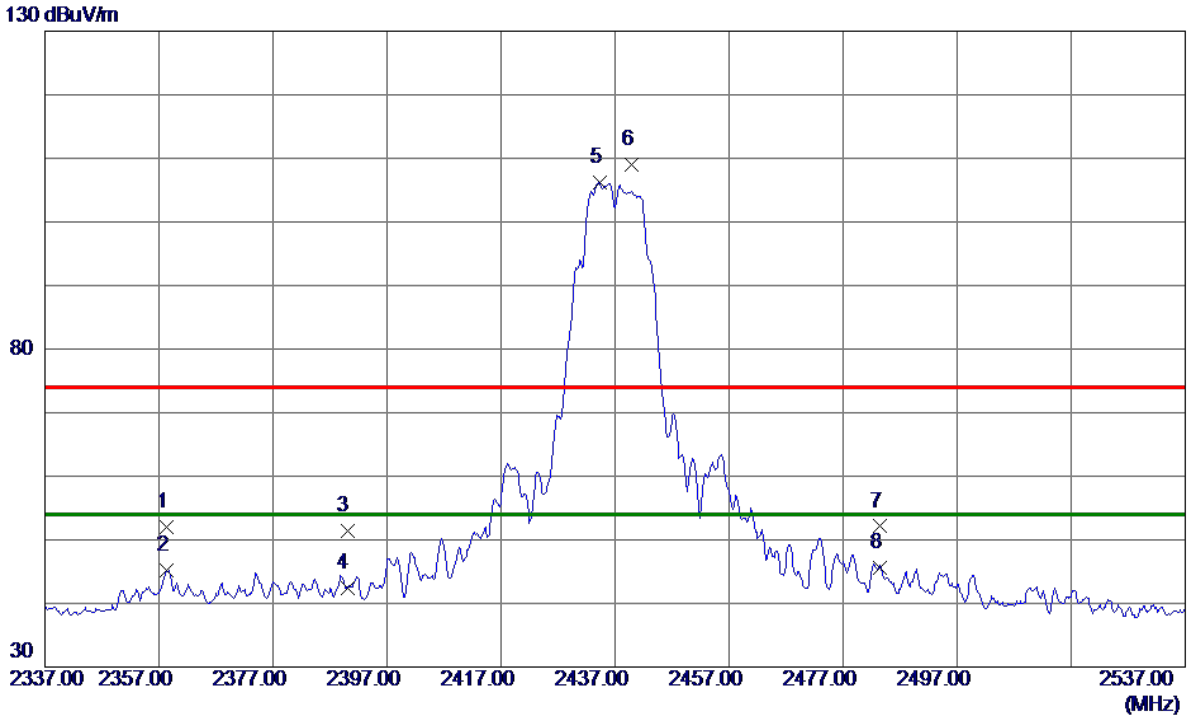
Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	52.85	2.24	55.09	74.00	-18.91	Peak	
2 *	4824.0000	51.60	2.24	53.84	54.00	-0.16	AVG	

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

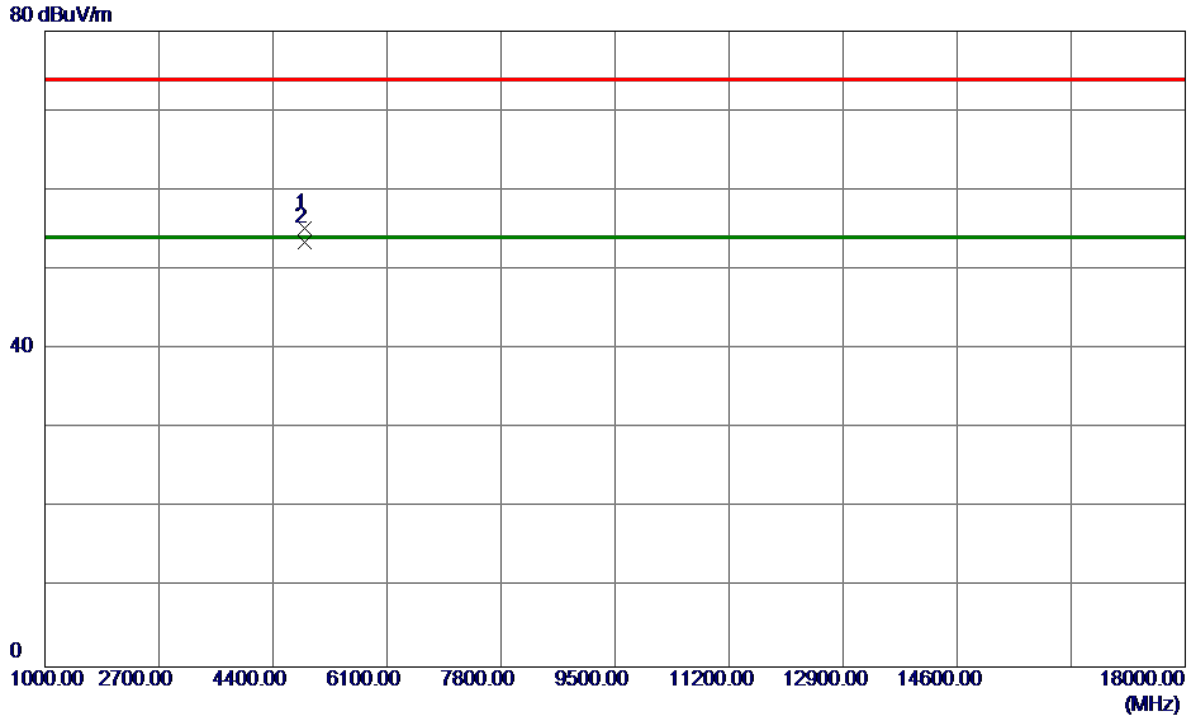
Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2358.3000	46.50	5.55	52.05	74.00	-21.95	Peak	
2	2358.3000	39.68	5.55	45.23	54.00	-8.77	AVG	
3	2390.0000	45.76	5.61	51.37	74.00	-22.63	Peak	
4	2390.0000	36.84	5.61	42.45	54.00	-11.55	AVG	
5 *	2434.3000	100.46	5.69	106.15	54.00	52.15	AVG	No Limit
6	2439.8000	103.36	5.70	109.06	74.00	35.06	Peak	No Limit
7	2483.5000	46.32	5.78	52.10	74.00	-21.90	Peak	
8	2483.5000	39.79	5.78	45.57	54.00	-8.43	AVG	

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

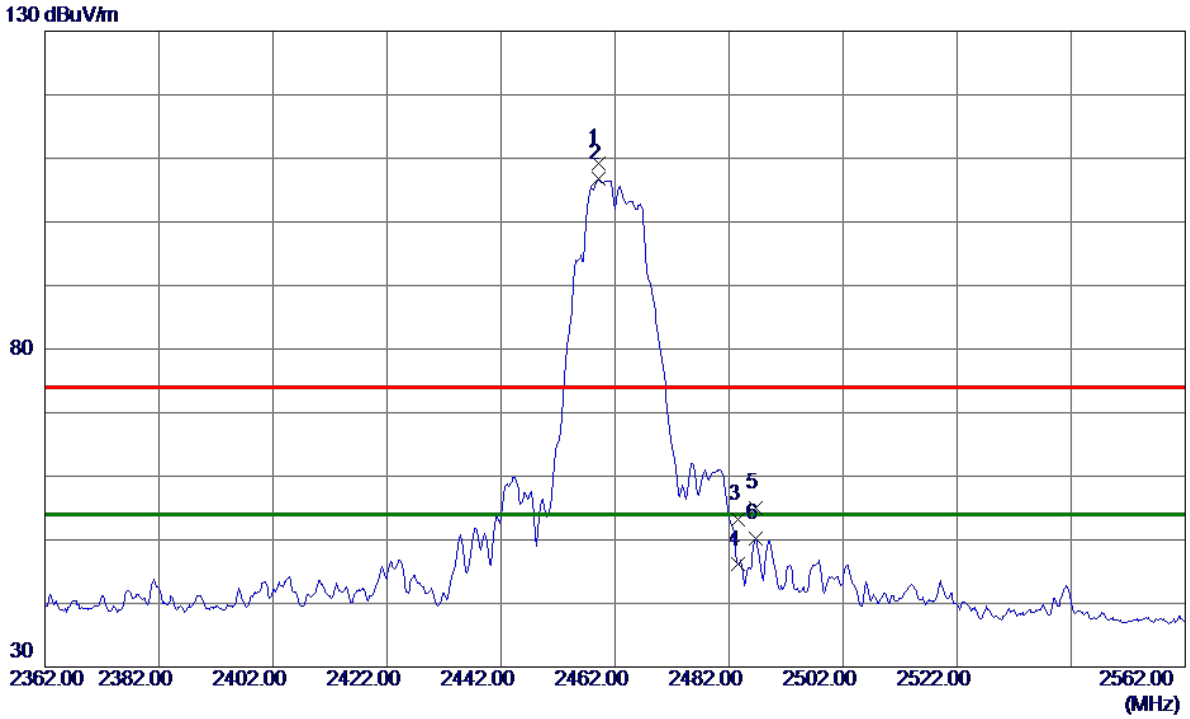
Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9750	52.85	2.40	55.25	74.00	-18.75	Peak	
2 *	4874.0000	51.10	2.40	53.50	54.00	-0.50	AVG	

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

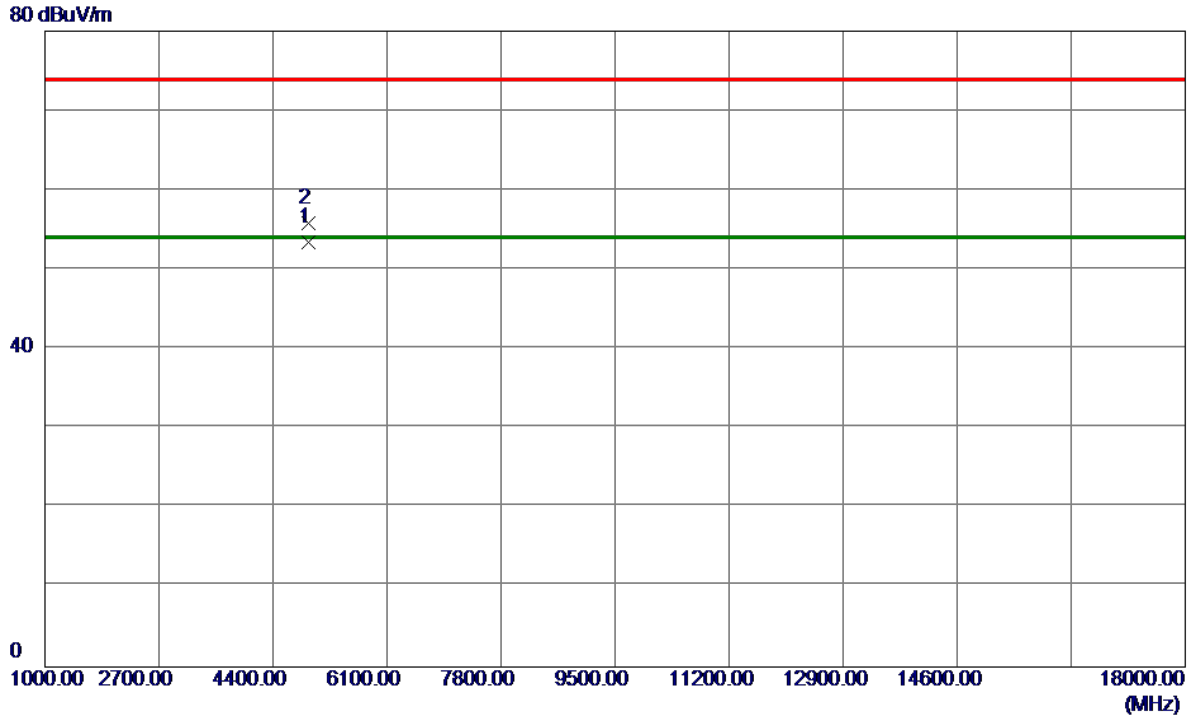
Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2459.0000	103.43	5.74	109.17	74.00	35.17	Peak	No Limit
2 *	2459.2000	101.02	5.74	106.76	54.00	52.76	AVG	No Limit
3	2483.5000	47.48	5.78	53.26	74.00	-20.74	Peak	
4	2483.5000	40.32	5.78	46.10	54.00	-7.90	AVG	
5	2486.7000	49.28	5.79	55.07	74.00	-18.93	Peak	
6	2486.7000	44.34	5.79	50.13	54.00	-3.87	AVG	

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

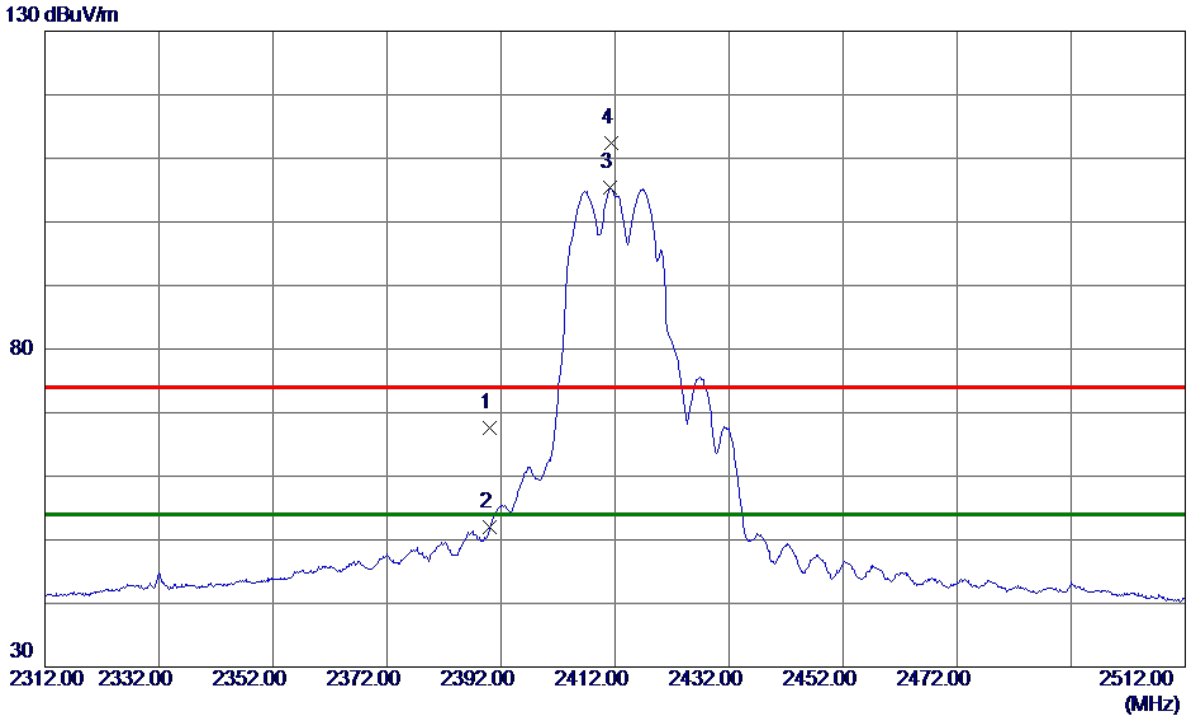
Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0250	50.85	2.56	53.41	54.00	-0.59	AVG	
2	4924.0510	53.23	2.56	55.79	74.00	-18.21	Peak	

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

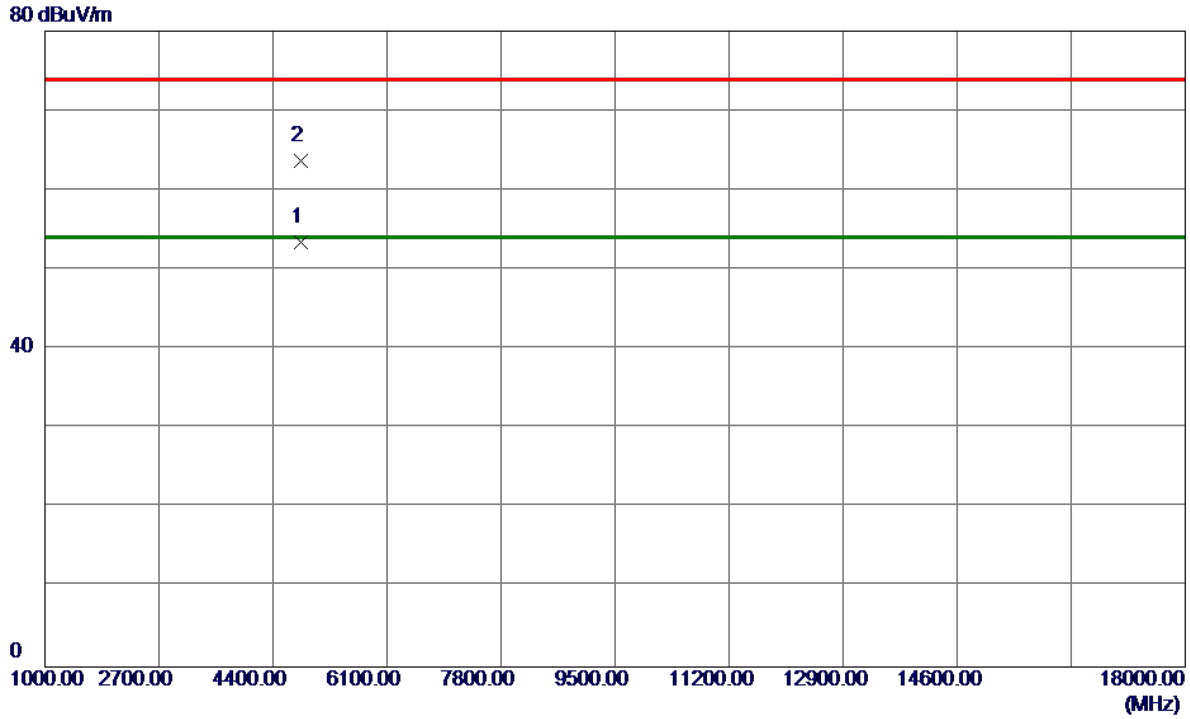
Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	61.99	5.61	67.60	74.00	-6.40	Peak	
2	2390.0000	46.37	5.61	51.98	54.00	-2.02	AVG	
3 *	2411.2000	99.74	5.65	105.39	54.00	51.39	AVG	No Limit
4	2411.3000	106.72	5.65	112.37	74.00	38.37	Peak	No Limit

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

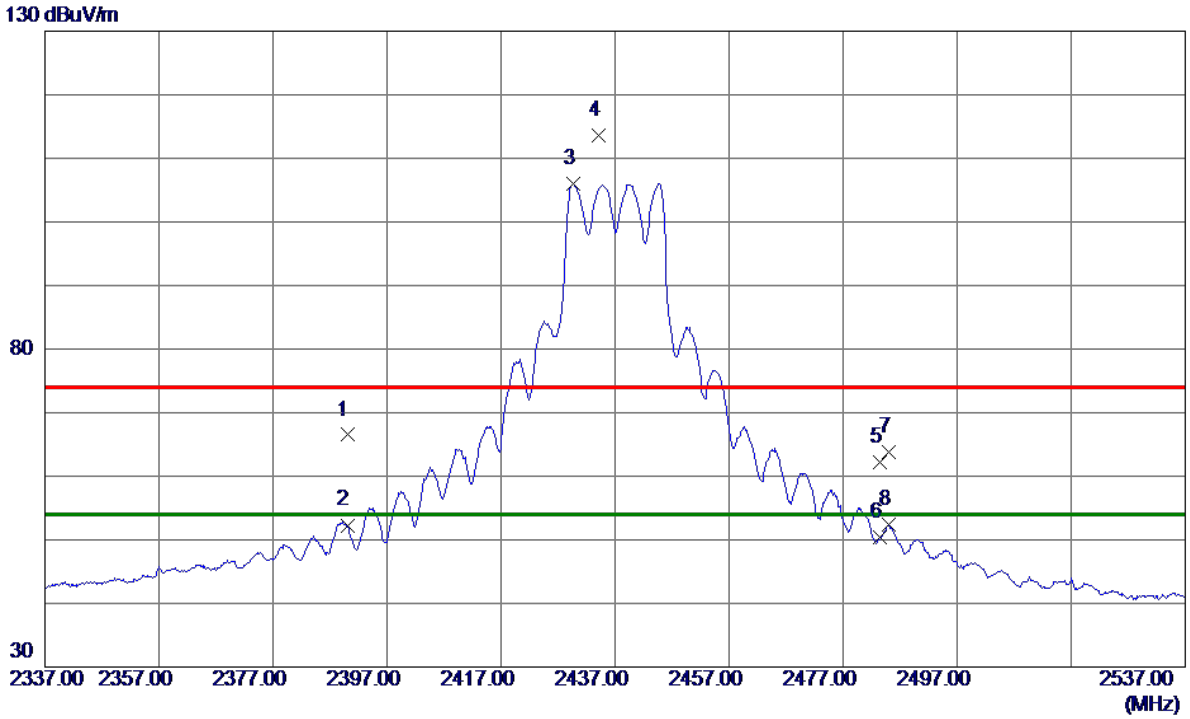
Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.3370	51.24	2.24	53.48	54.00	-0.52	AVG	
2	4823.4650	61.50	2.24	63.74	74.00	-10.26	Peak	

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

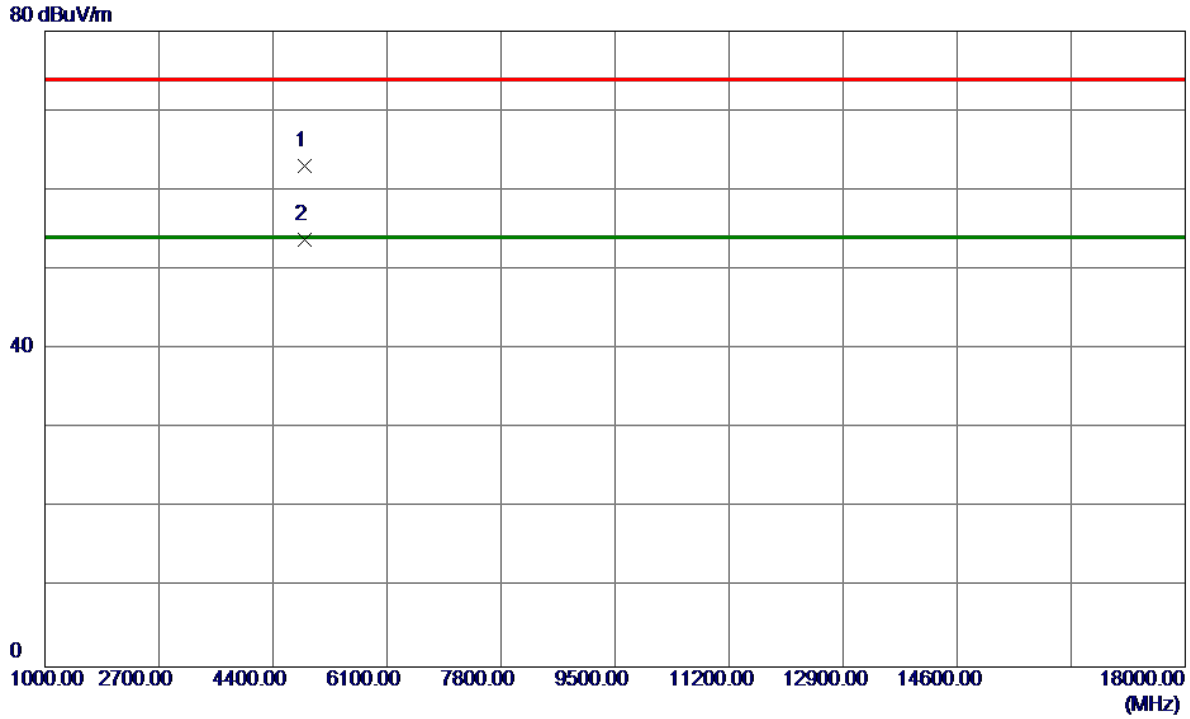
Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	60.89	5.61	66.50	74.00	-7.50	Peak	
2	2390.0000	46.69	5.61	52.30	54.00	-1.70	AVG	
3 *	2429.6000	100.34	5.68	106.02	54.00	52.02	AVG	No Limit
4	2434.2000	107.85	5.69	113.54	74.00	39.54	Peak	No Limit
5	2483.5000	56.37	5.78	62.15	74.00	-11.85	Peak	
6	2483.5000	44.55	5.78	50.33	54.00	-3.67	AVG	
7	2485.1000	58.02	5.79	63.81	74.00	-10.19	Peak	
8	2485.1000	46.53	5.79	52.32	54.00	-1.68	AVG	

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

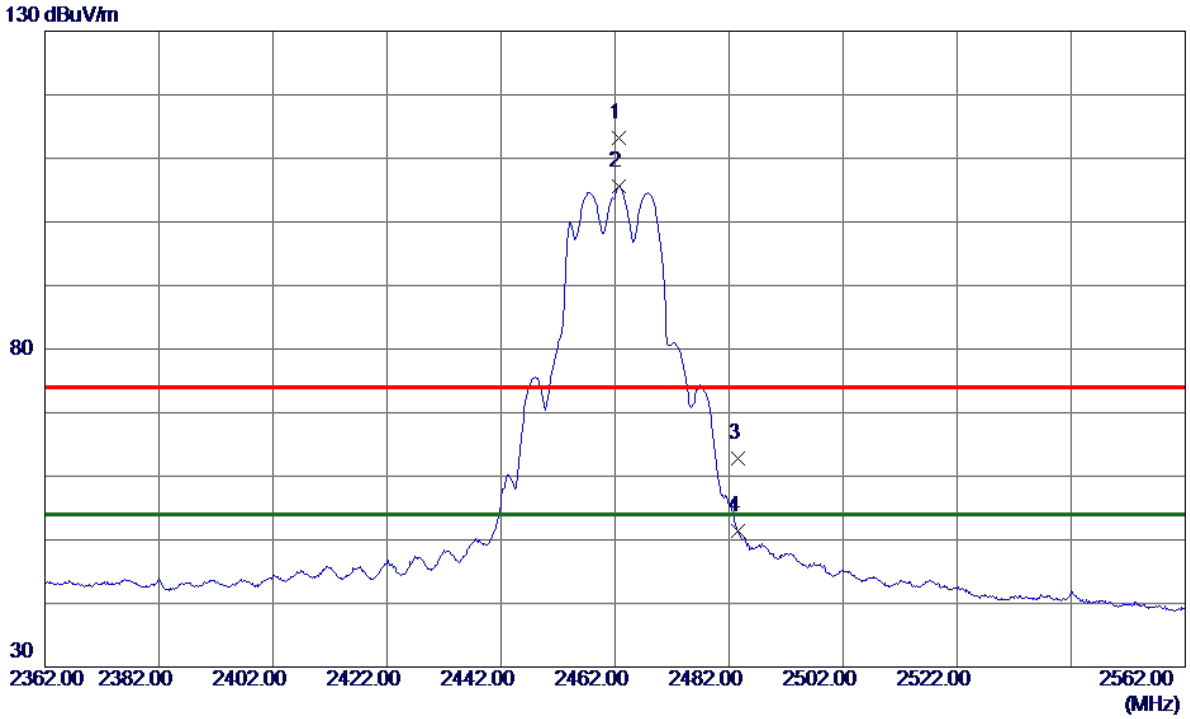
Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.2350	60.65	2.40	63.05	74.00	-10.95	Peak	
2 *	4873.3370	51.42	2.40	53.82	54.00	-0.18	AVG	

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

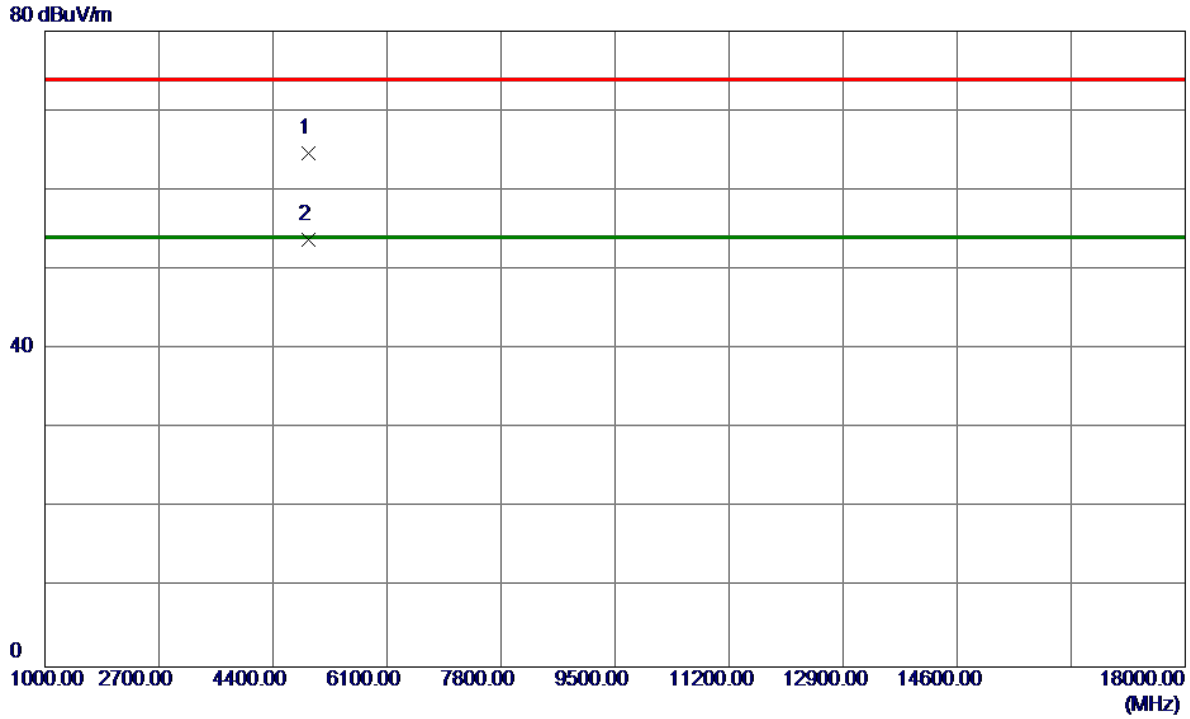
Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.7000	107.44	5.74	113.18	74.00	39.18	Peak	No Limit
2 *	2462.7000	99.95	5.74	105.69	54.00	51.69	AVG	No Limit
3	2483.5000	56.94	5.78	62.72	74.00	-11.28	Peak	
4	2483.5000	45.53	5.78	51.31	54.00	-2.69	AVG	

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

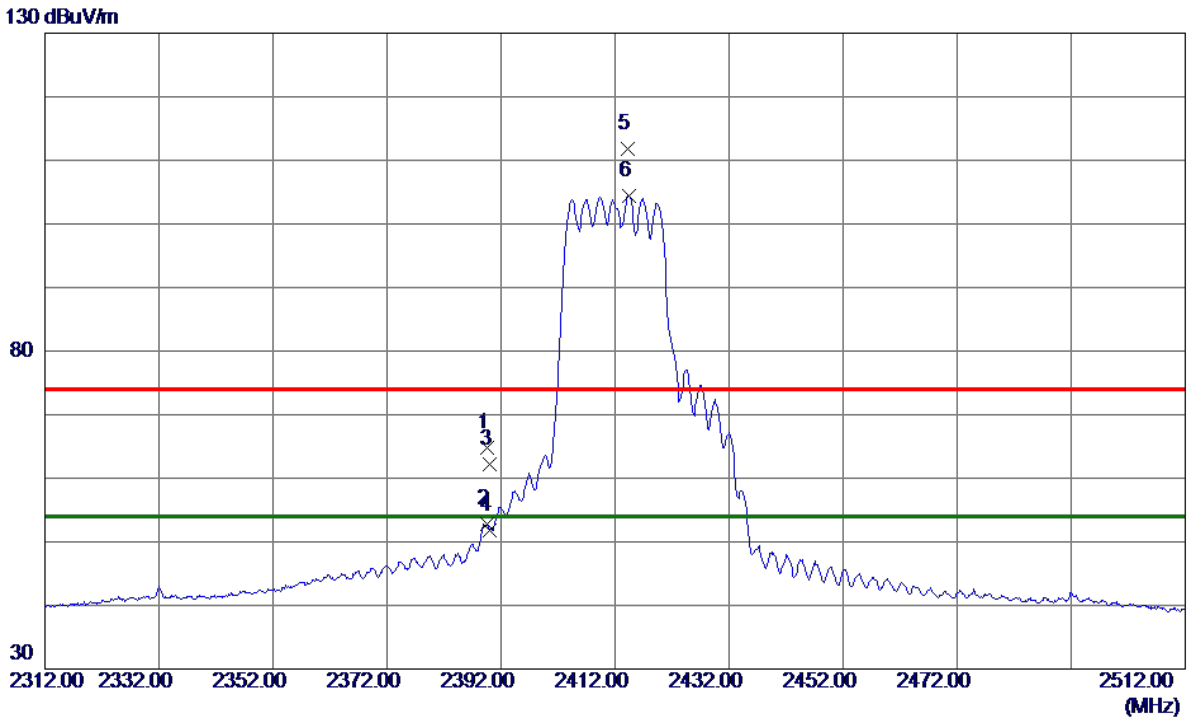
Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.4650	62.14	2.56	64.70	74.00	-9.30	Peak	
2 *	4923.9750	51.25	2.56	53.81	54.00	-0.19	AVG	

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

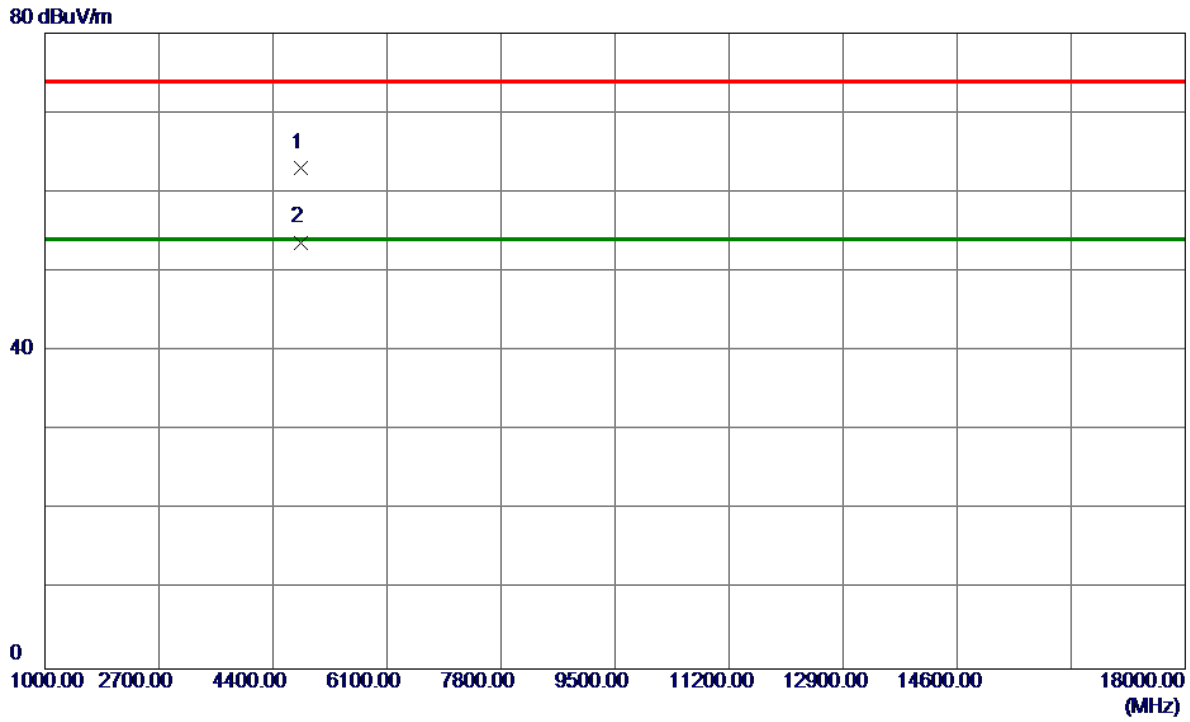
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.6000	59.19	5.61	64.80	74.00	-9.20	Peak	
2	2389.6000	47.17	5.61	52.78	54.00	-1.22	AVG	
3	2390.0000	56.56	5.61	62.17	74.00	-11.83	Peak	
4	2390.0000	46.13	5.61	51.74	54.00	-2.26	AVG	
5	2414.2000	106.06	5.65	111.71	74.00	37.71	Peak	No Limit
6 *	2414.4000	98.78	5.65	104.43	54.00	50.43	AVG	No Limit

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

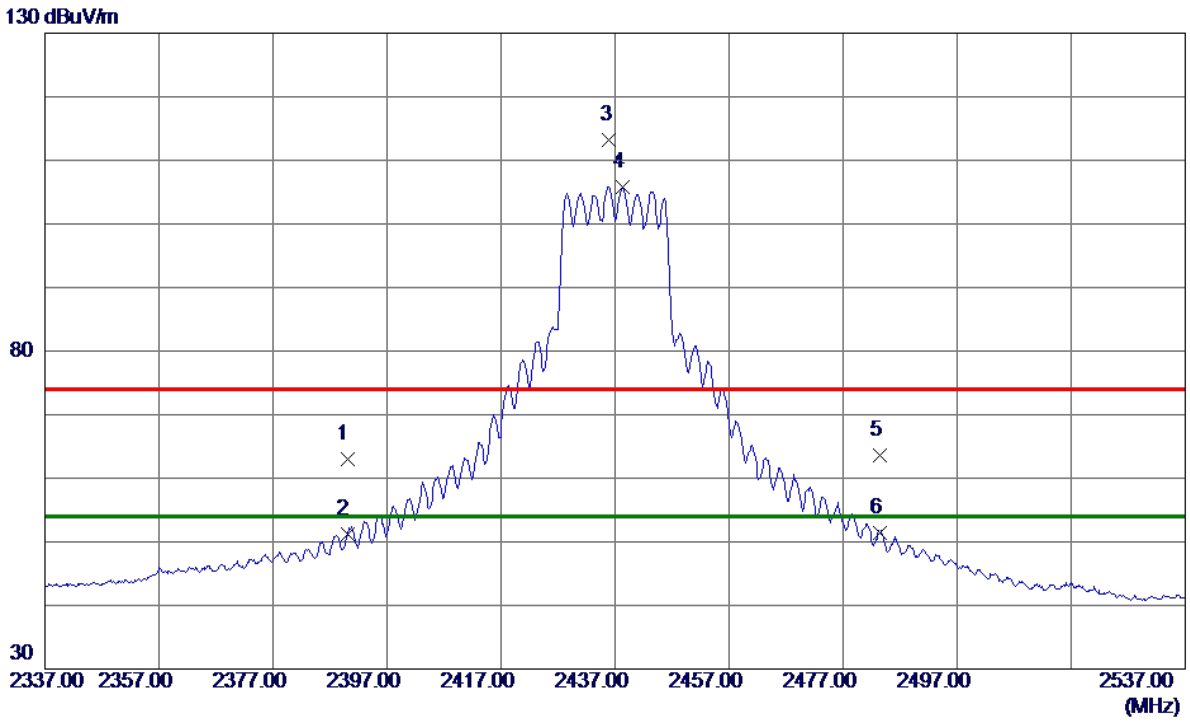
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.6180	60.81	2.24	63.05	74.00	-10.95	Peak	
2 *	4823.6680	51.44	2.24	53.68	54.00	-0.32	AVG	

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

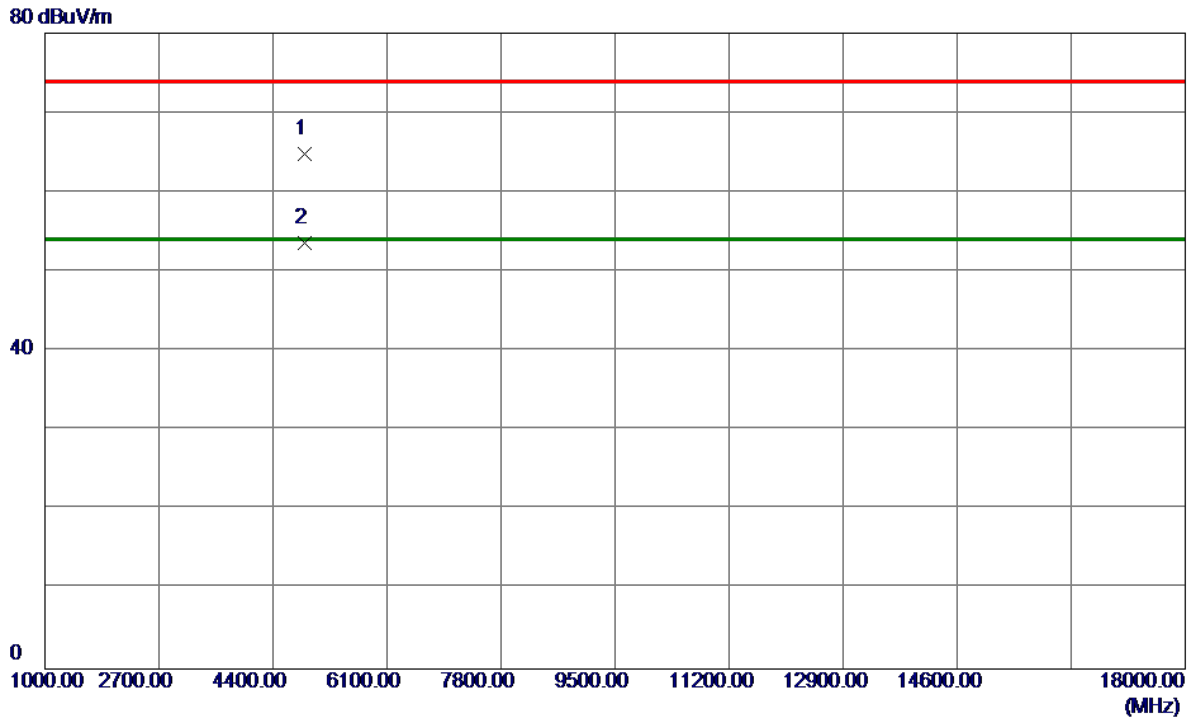
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	57.33	5.61	62.94	74.00	-11.06	Peak	
2	2390.0000	45.64	5.61	51.25	54.00	-2.75	AVG	
3	2436.0000	107.54	5.69	113.23	74.00	39.23	Peak	No Limit
4 *	2438.4000	100.07	5.70	105.77	54.00	51.77	AVG	No Limit
5	2483.5000	57.85	5.78	63.63	74.00	-10.37	Peak	
6	2483.5000	45.57	5.78	51.35	54.00	-2.65	AVG	

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

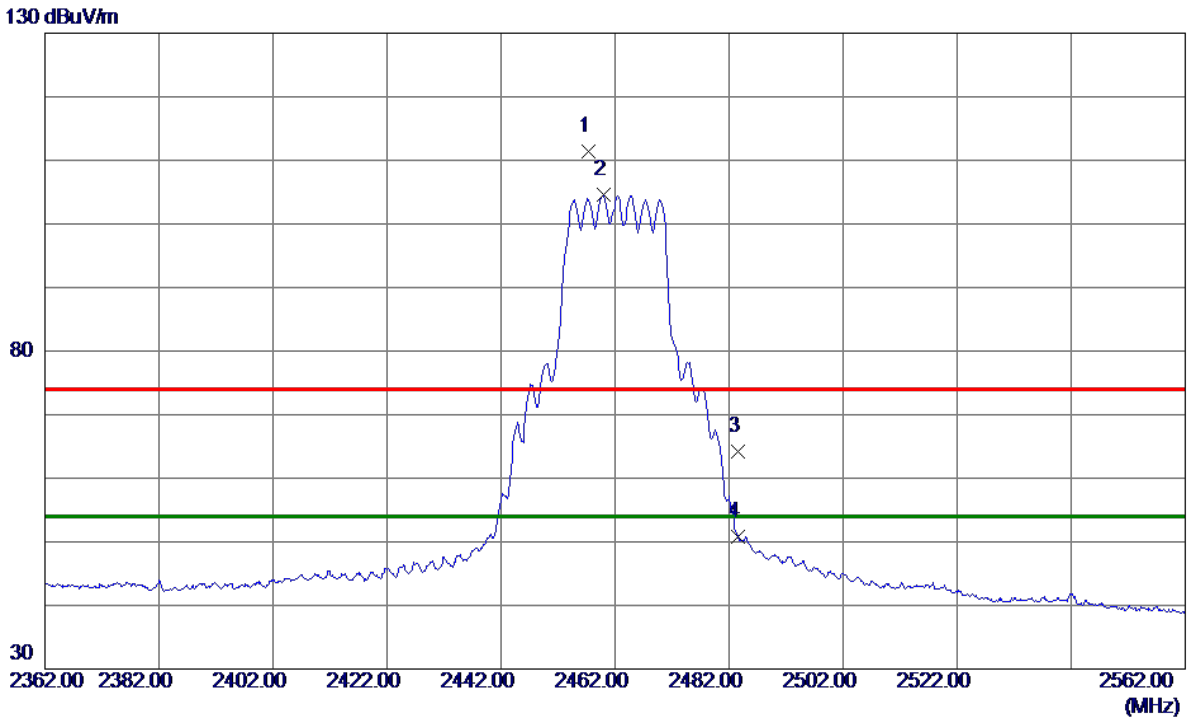
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4871.5780	62.38	2.39	64.77	74.00	-9.23	Peak	
2 *	4873.8220	51.25	2.40	53.65	54.00	-0.35	AVG	

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

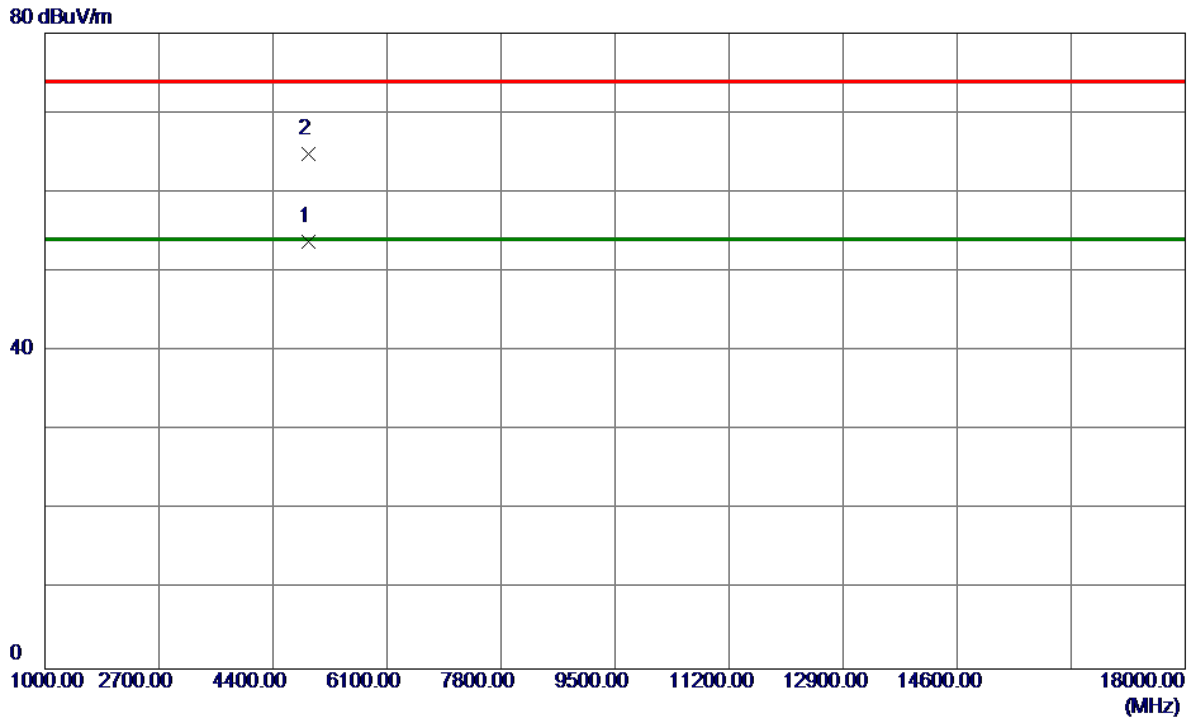
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2457.3000	105.61	5.73	111.34	74.00	37.34	Peak	No Limit
2 *	2459.9000	98.93	5.74	104.67	54.00	50.67	AVG	No Limit
3	2483.5000	58.48	5.78	64.26	74.00	-9.74	Peak	
4	2483.5000	44.93	5.78	50.71	54.00	-3.29	AVG	

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

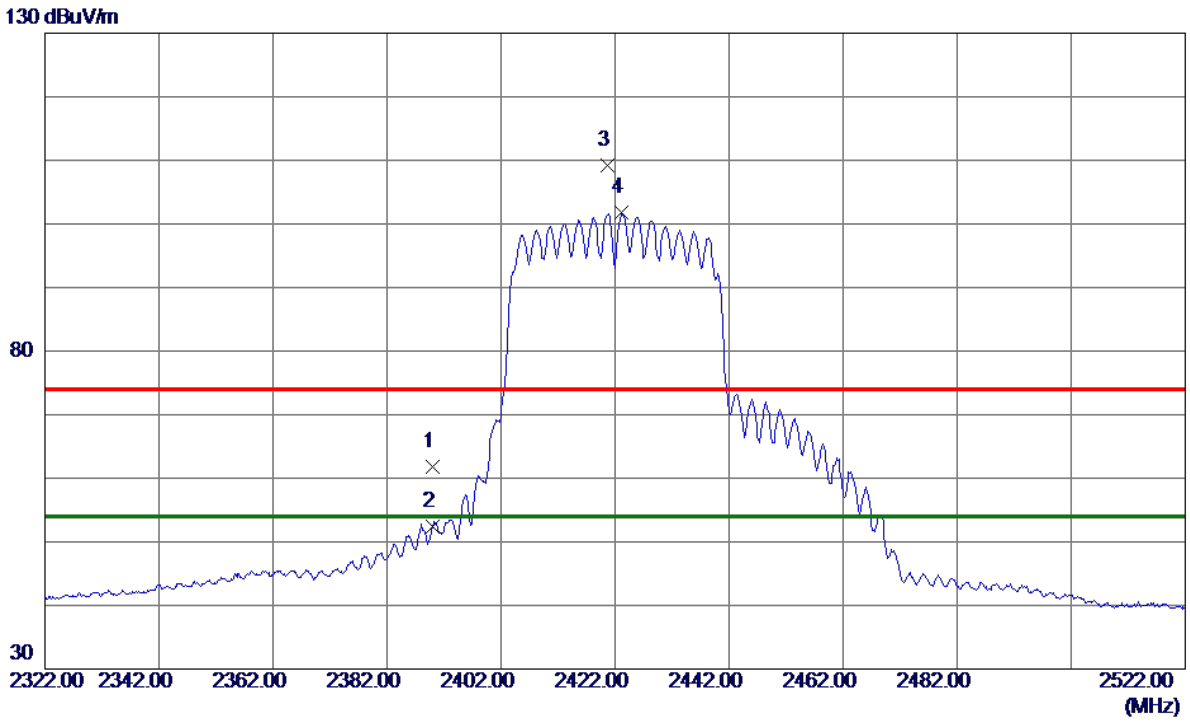
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4921.4500	51.24	2.55	53.79	54.00	-0.21	AVG	
2	4923.7200	62.22	2.56	64.78	74.00	-9.22	Peak	

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

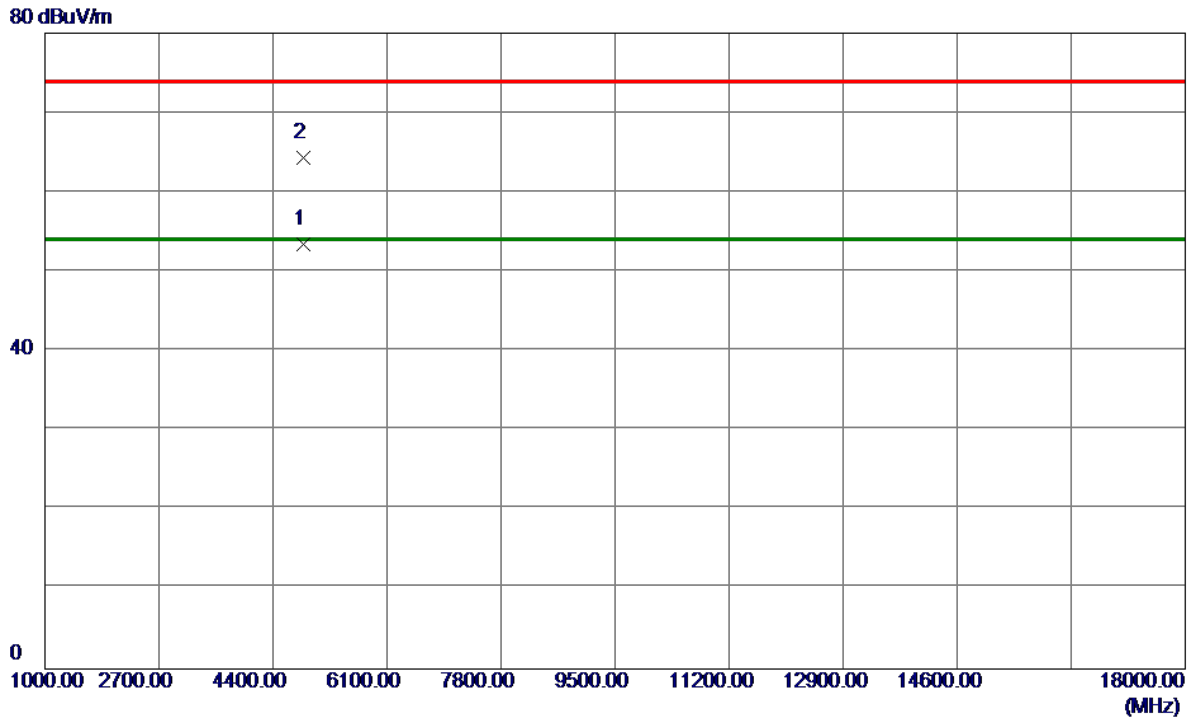
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	56.21	5.61	61.82	74.00	-12.18	Peak	
2	2390.0000	46.87	5.61	52.48	54.00	-1.52	AVG	
3	2420.6000	103.56	5.66	109.22	74.00	35.22	Peak	No Limit
4 *	2423.2000	96.06	5.67	101.73	54.00	47.73	AVG	No Limit

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

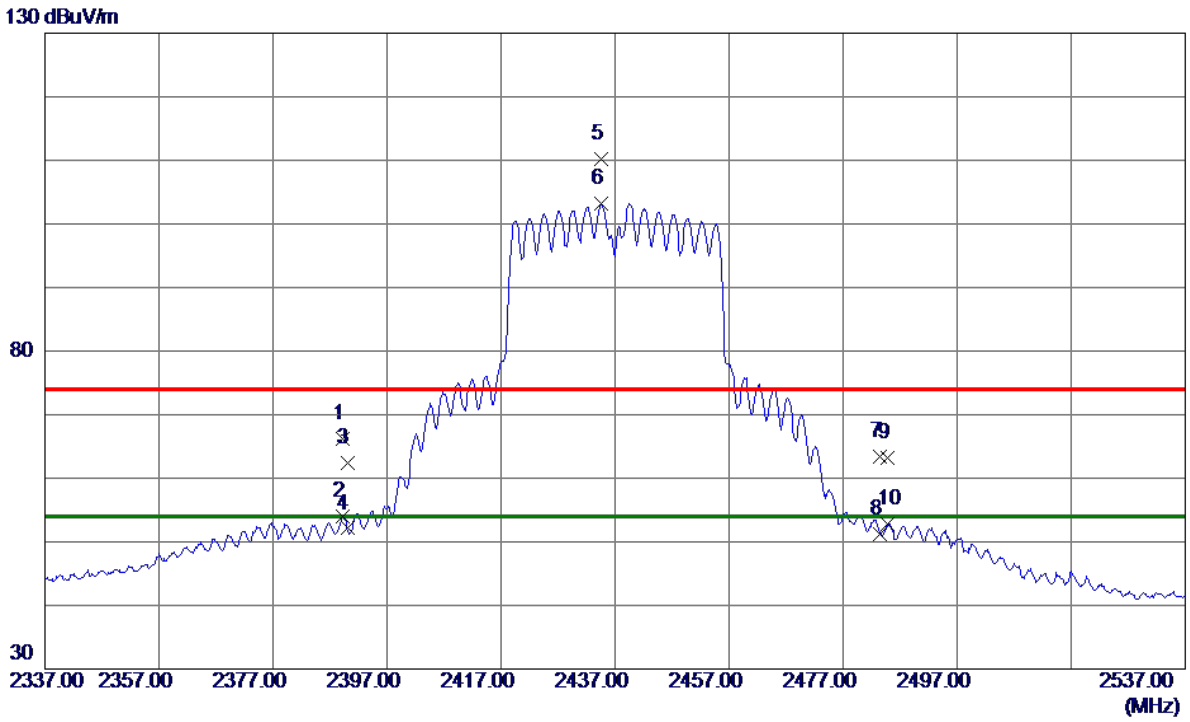
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4843.9000	51.16	2.30	53.46	54.00	-0.54	AVG	
2	4851.2000	61.94	2.33	64.27	74.00	-9.73	Peak	

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

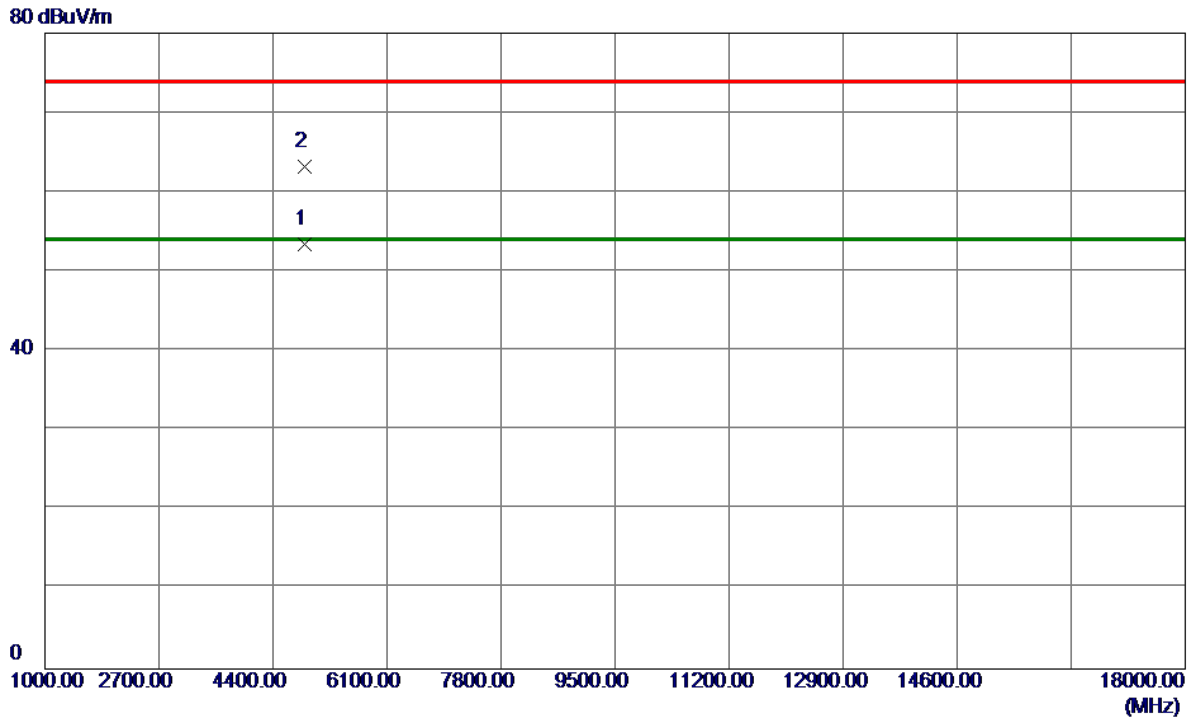
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.2000	60.50	5.61	66.11	74.00	-7.89	Peak	
2	2389.2000	48.36	5.61	53.97	54.00	-0.03	AVG	
3	2390.0000	56.72	5.61	62.33	74.00	-11.67	Peak	
4	2390.0000	46.49	5.61	52.10	54.00	-1.90	AVG	
5	2434.5000	104.53	5.69	110.22	74.00	36.22	Peak	No Limit
6 *	2434.6000	97.45	5.69	103.14	54.00	49.14	AVG	No Limit
7	2483.5000	57.60	5.78	63.38	74.00	-10.62	Peak	
8	2483.5000	45.35	5.78	51.13	54.00	-2.87	AVG	
9	2484.7000	57.32	5.79	63.11	74.00	-10.89	Peak	
10	2484.7000	47.06	5.79	52.85	54.00	-1.15	AVG	

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

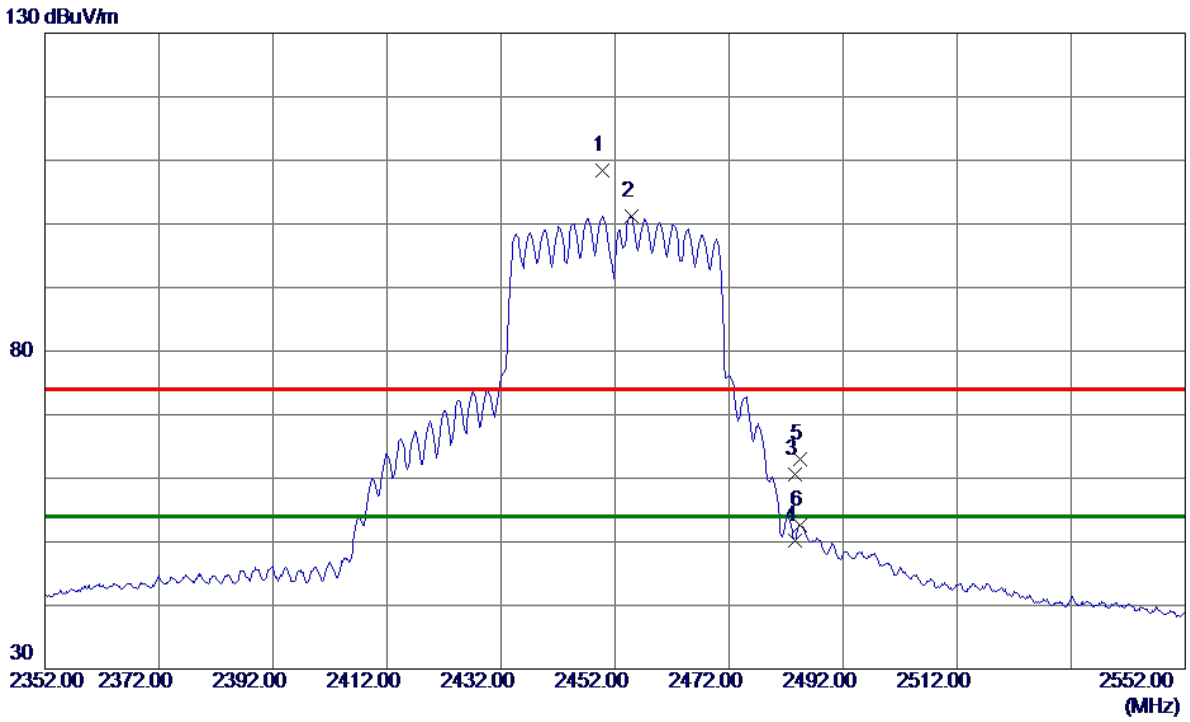
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.6500	50.98	2.40	53.38	54.00	-0.62	AVG	
2	4875.9000	60.85	2.41	63.26	74.00	-10.74	Peak	

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

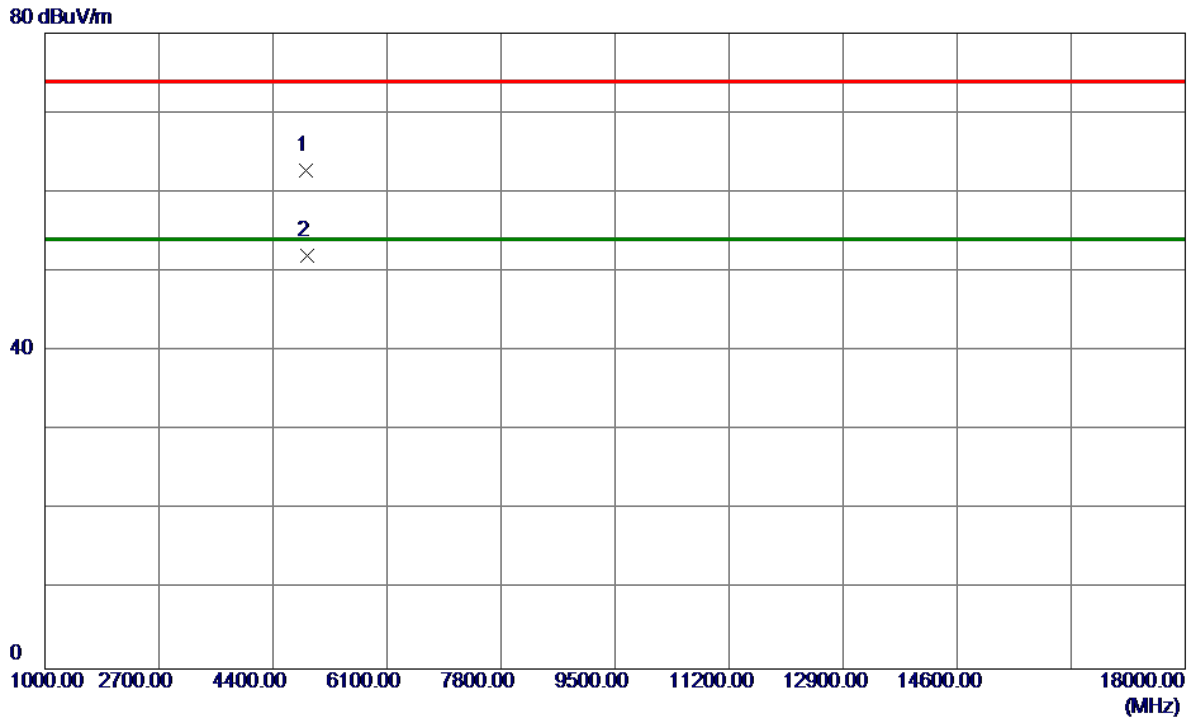
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2449.7000	102.65	5.72	108.37	74.00	34.37	Peak	No Limit
2 *	2454.8000	95.56	5.73	101.29	54.00	47.29	AVG	No Limit
3	2483.5000	54.74	5.78	60.52	74.00	-13.48	Peak	
4	2483.5000	44.39	5.78	50.17	54.00	-3.83	AVG	
5	2484.4000	57.26	5.79	63.05	74.00	-10.95	Peak	
6	2484.4000	46.85	5.79	52.64	54.00	-1.36	AVG	

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

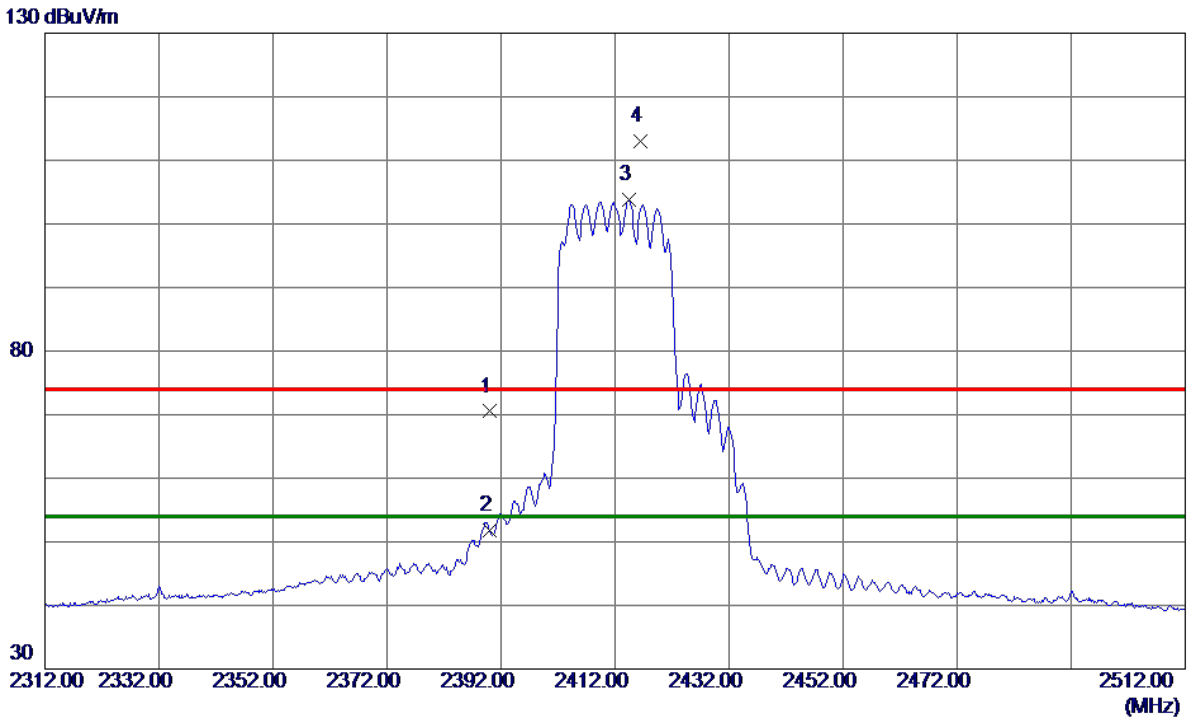
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4896.7500	60.20	2.47	62.67	74.00	-11.33	Peak	
2 *	4901.5000	49.49	2.49	51.98	54.00	-2.02	AVG	

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

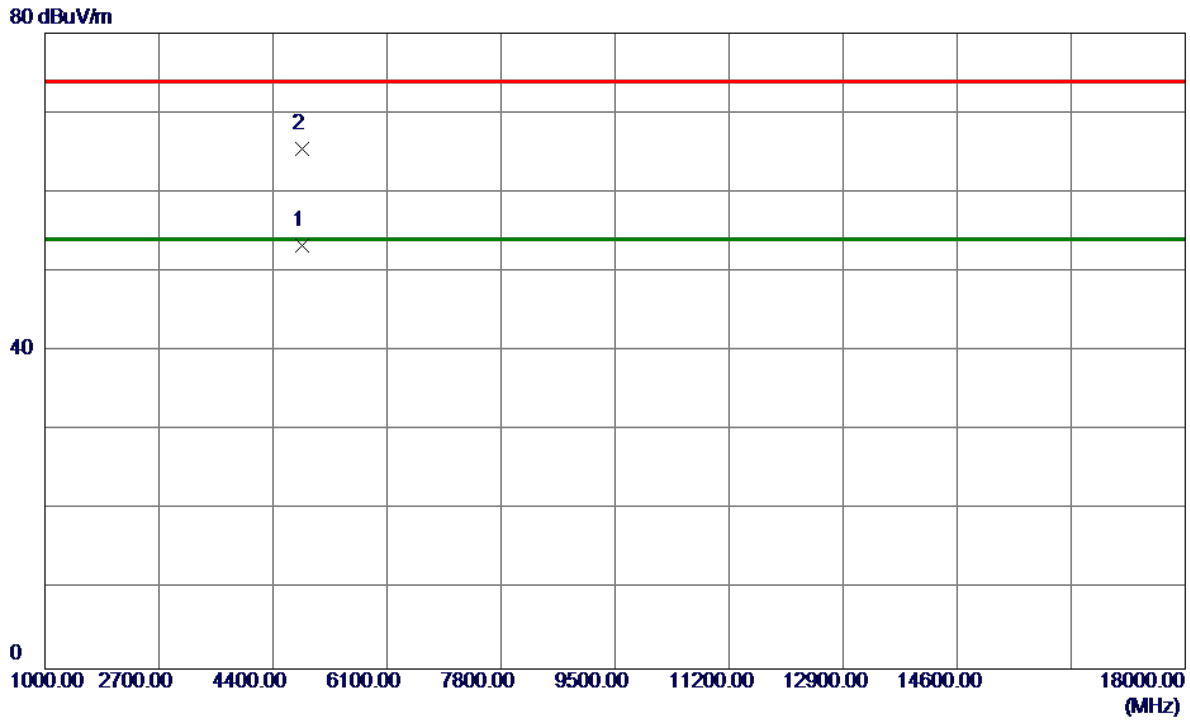
Test Mode	TX AX(HE20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	64.89	5.61	70.50	74.00	-3.50	Peak	
2	2390.0000	46.22	5.61	51.83	54.00	-2.17	AVG	
3 *	2414.4000	98.07	5.65	103.72	54.00	49.72	AVG	No Limit
4	2416.5000	107.44	5.66	113.10	74.00	39.10	Peak	No Limit

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

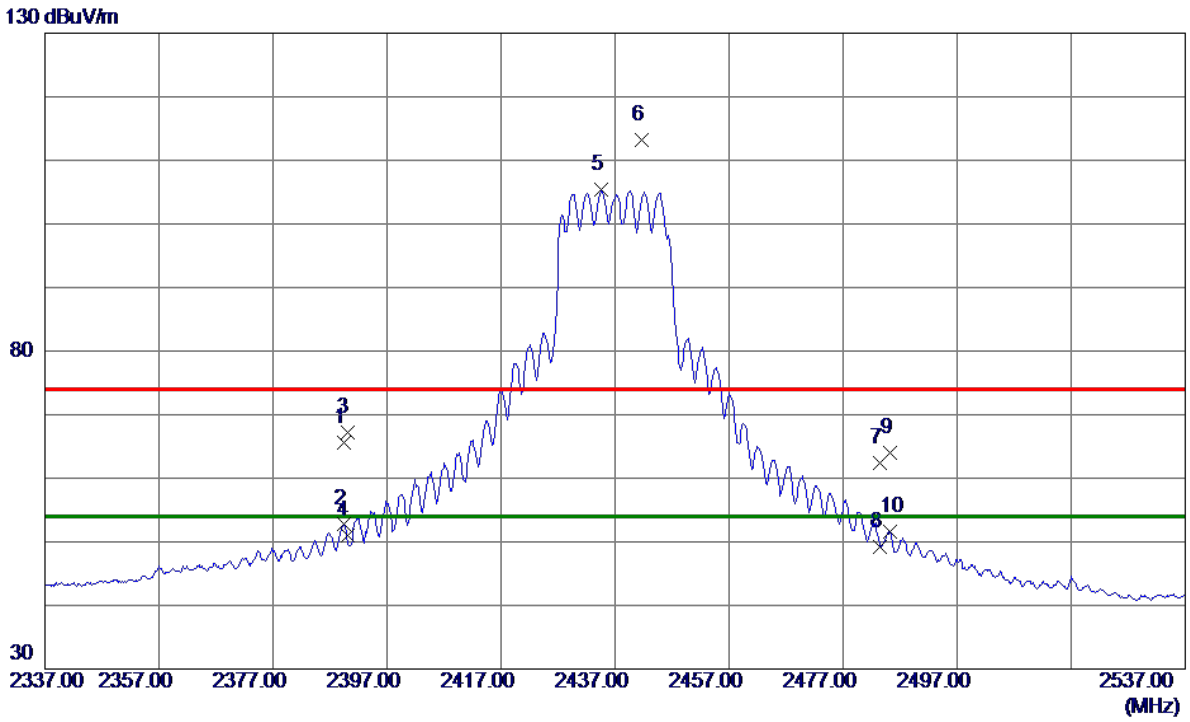
Test Mode	TX AX(HE20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4825.9129	50.96	2.24	53.20	54.00	-0.80	AVG	
2	4826.0650	63.13	2.24	65.37	74.00	-8.63	Peak	

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

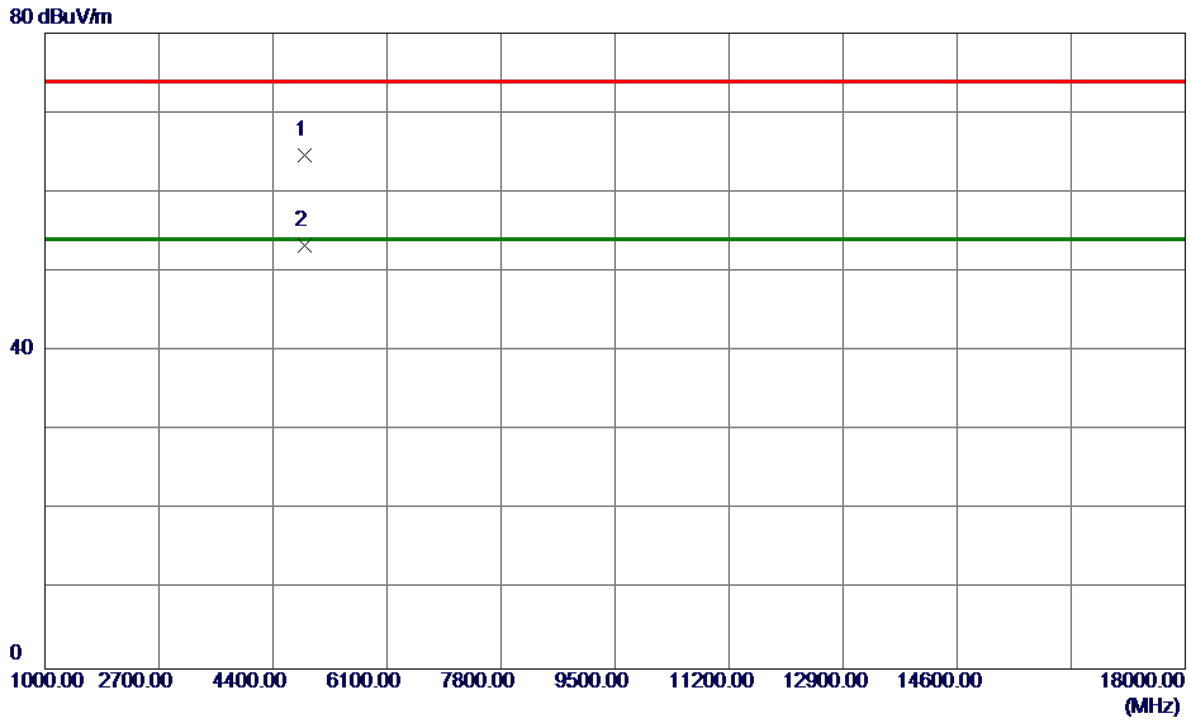
Test Mode	TX AX(HE20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.4000	59.95	5.61	65.56	74.00	-8.44	Peak	
2	2389.4000	47.23	5.61	52.84	54.00	-1.16	AVG	
3	2390.0000	61.63	5.61	67.24	74.00	-6.76	Peak	
4	2390.0000	45.30	5.61	50.91	54.00	-3.09	AVG	
5 *	2434.6000	99.71	5.69	105.40	54.00	51.40	AVG	No Limit
6	2441.7000	107.44	5.70	113.14	74.00	39.14	Peak	No Limit
7	2483.5000	56.62	5.78	62.40	74.00	-11.60	Peak	
8	2483.5000	43.49	5.78	49.27	54.00	-4.73	AVG	
9	2485.2000	58.25	5.79	64.04	74.00	-9.96	Peak	
10	2485.2000	45.85	5.79	51.64	54.00	-2.36	AVG	

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

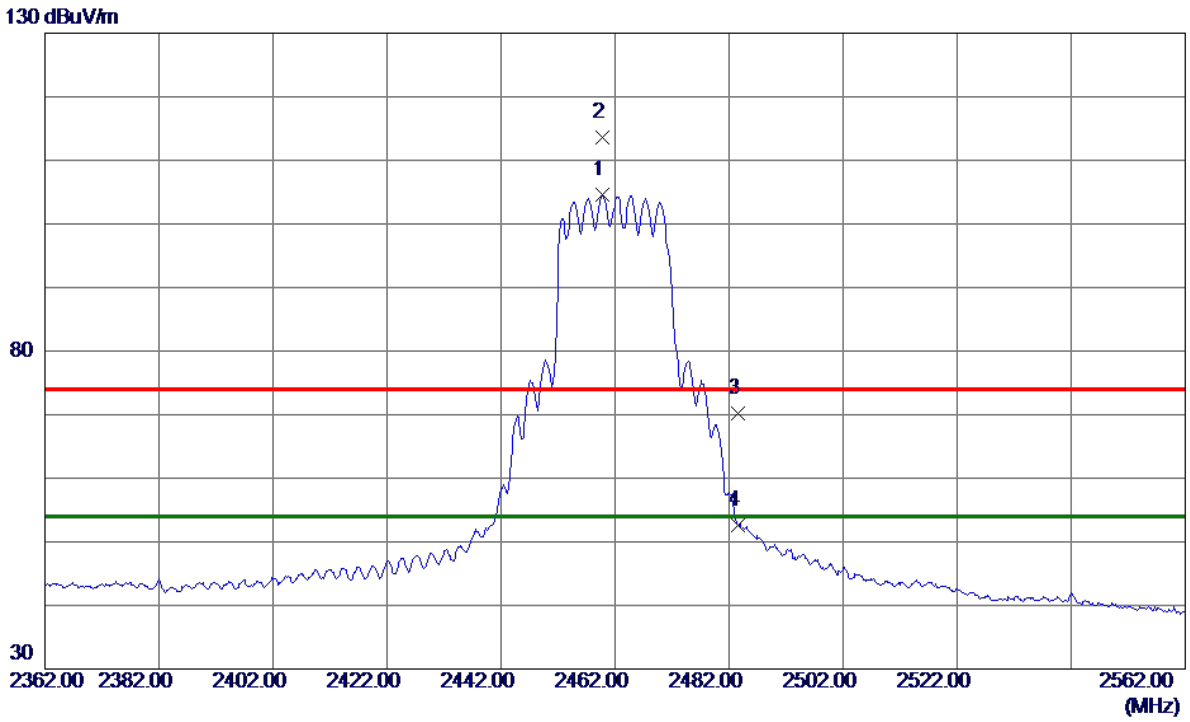
Test Mode	TX AX(HE20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4871.4500	62.32	2.39	64.71	74.00	-9.29	Peak	
2 *	4873.7200	50.87	2.40	53.27	54.00	-0.73	AVG	

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

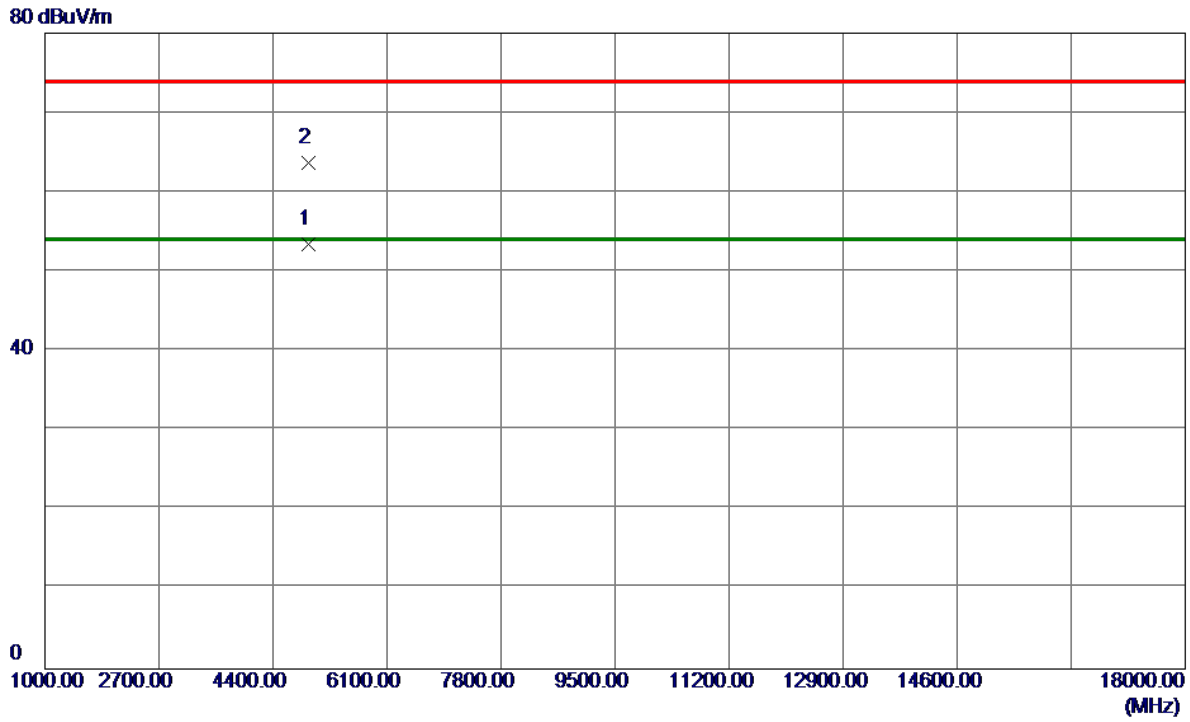
Test Mode	TX AX(HE20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2459.7000	98.87	5.74	104.61	54.00	50.61	AVG	No Limit
2	2459.8000	107.92	5.74	113.66	74.00	39.66	Peak	No Limit
3	2483.5000	64.36	5.78	70.14	74.00	-3.86	Peak	
4	2483.5000	46.75	5.78	52.53	54.00	-1.47	AVG	

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

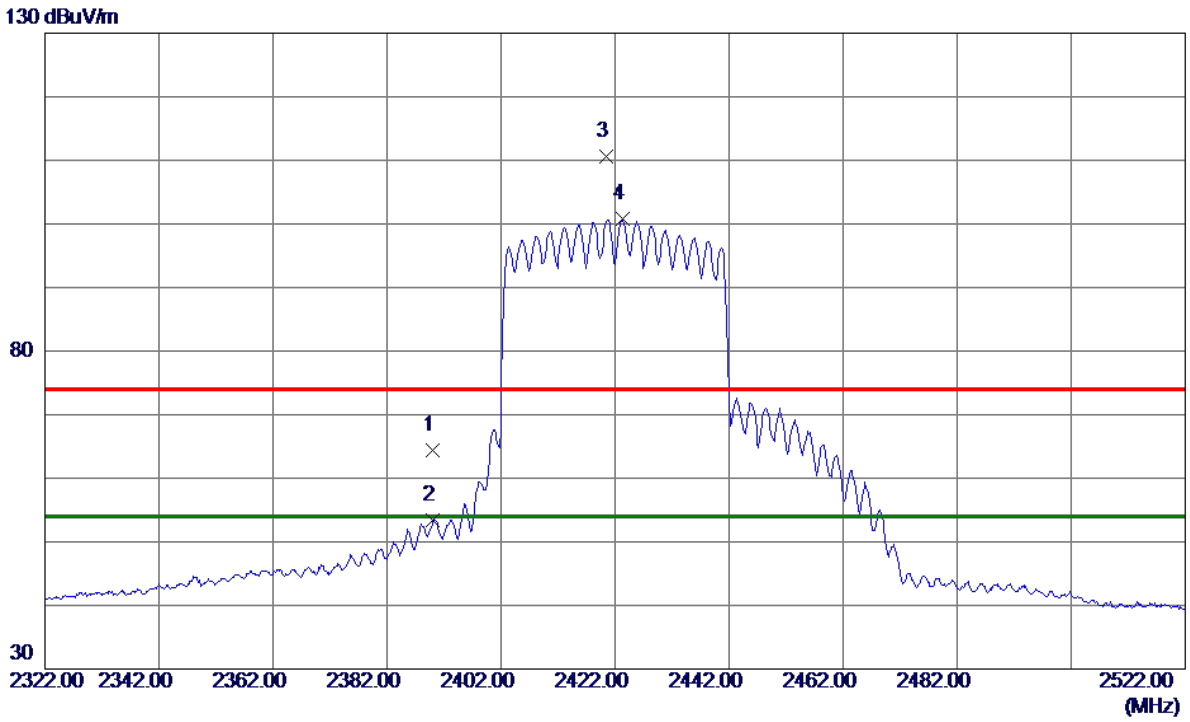
Test Mode	TX AX(HE20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4921.5259	50.89	2.55	53.44	54.00	-0.56	AVG	
2	4924.2550	61.06	2.56	63.62	74.00	-10.38	Peak	

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

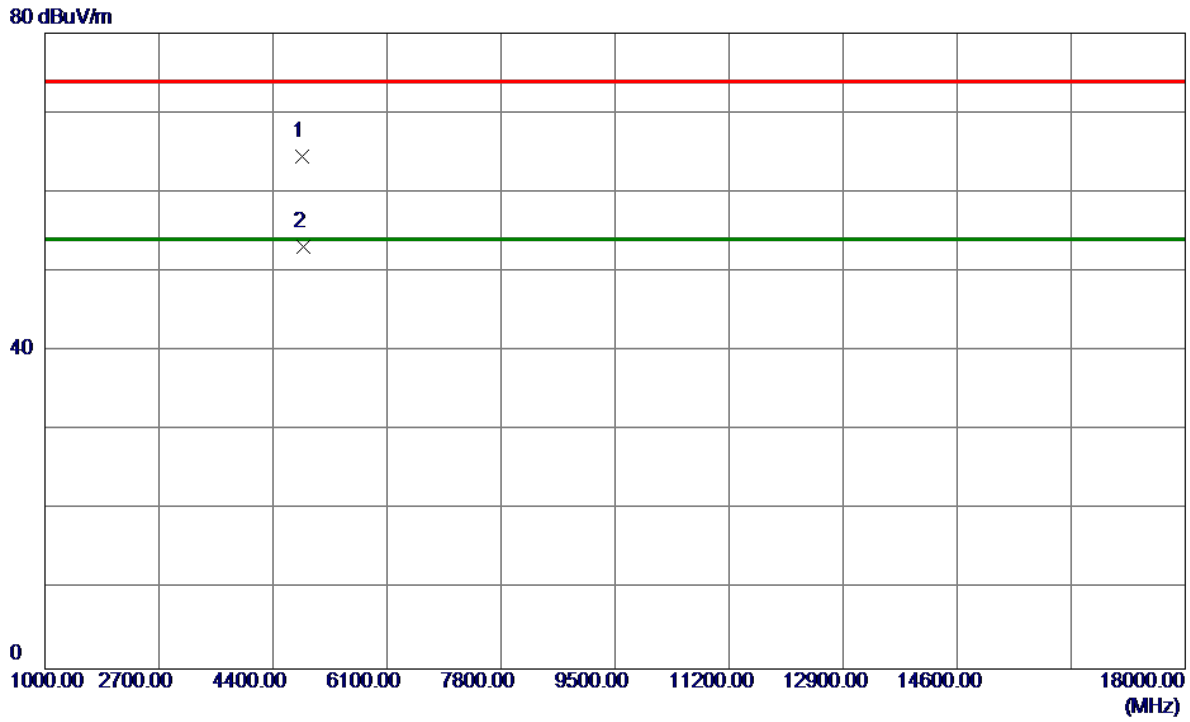
Test Mode	TX AX(HE40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	58.84	5.61	64.45	74.00	-9.55	Peak	
2	2390.0000	47.73	5.61	53.34	54.00	-0.66	AVG	
3	2420.5000	104.96	5.66	110.62	74.00	36.62	Peak	No Limit
4 *	2423.3000	95.08	5.67	100.75	54.00	46.75	AVG	No Limit

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

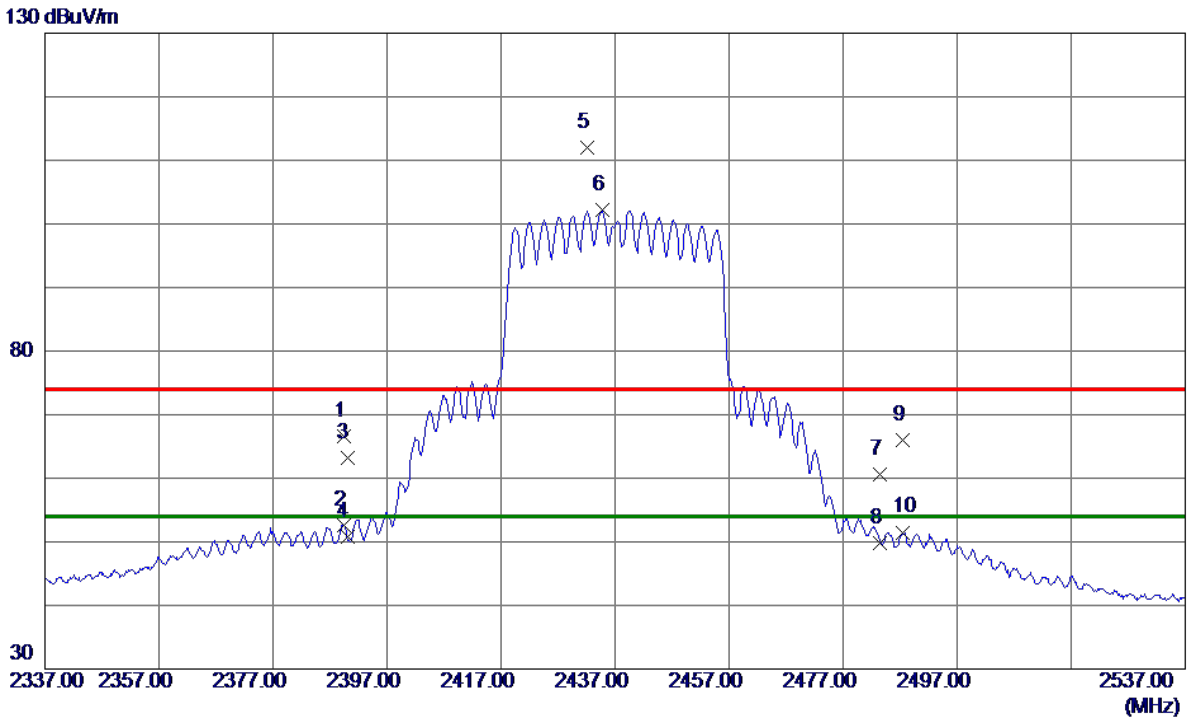
Test Mode	TX AX(HE40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.7500	62.21	2.30	64.51	74.00	-9.49	Peak	
2 *	4848.8000	50.82	2.32	53.14	54.00	-0.86	AVG	

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

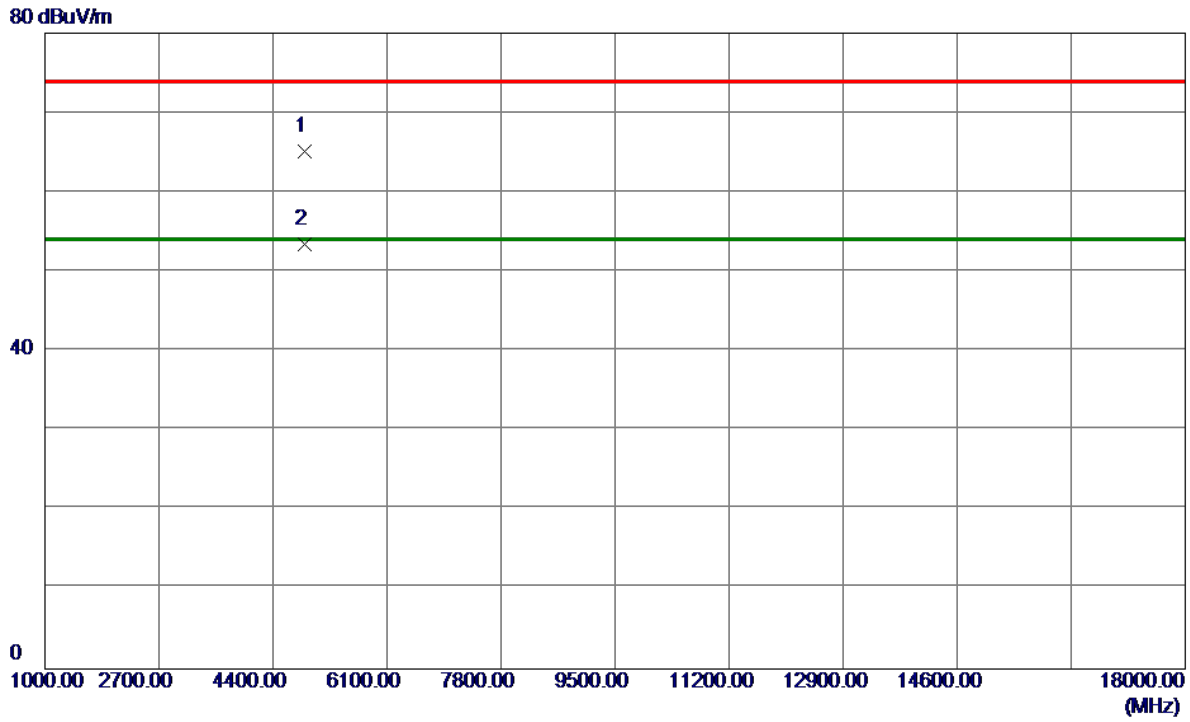
Test Mode	TX AX(HE40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.4000	60.96	5.61	66.57	74.00	-7.43	Peak	
2	2389.4000	47.04	5.61	52.65	54.00	-1.35	AVG	
3	2390.0000	57.58	5.61	63.19	74.00	-10.81	Peak	
4	2390.0000	45.20	5.61	50.81	54.00	-3.19	AVG	
5	2432.1000	106.27	5.69	111.96	74.00	37.96	Peak	No Limit
6 *	2434.7000	96.43	5.69	102.12	54.00	48.12	AVG	No Limit
7	2483.5000	54.89	5.78	60.67	74.00	-13.33	Peak	
8	2483.5000	44.06	5.78	49.84	54.00	-4.16	AVG	
9	2487.4000	60.18	5.79	65.97	74.00	-8.03	Peak	
10	2487.4000	45.71	5.79	51.50	54.00	-2.50	AVG	

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

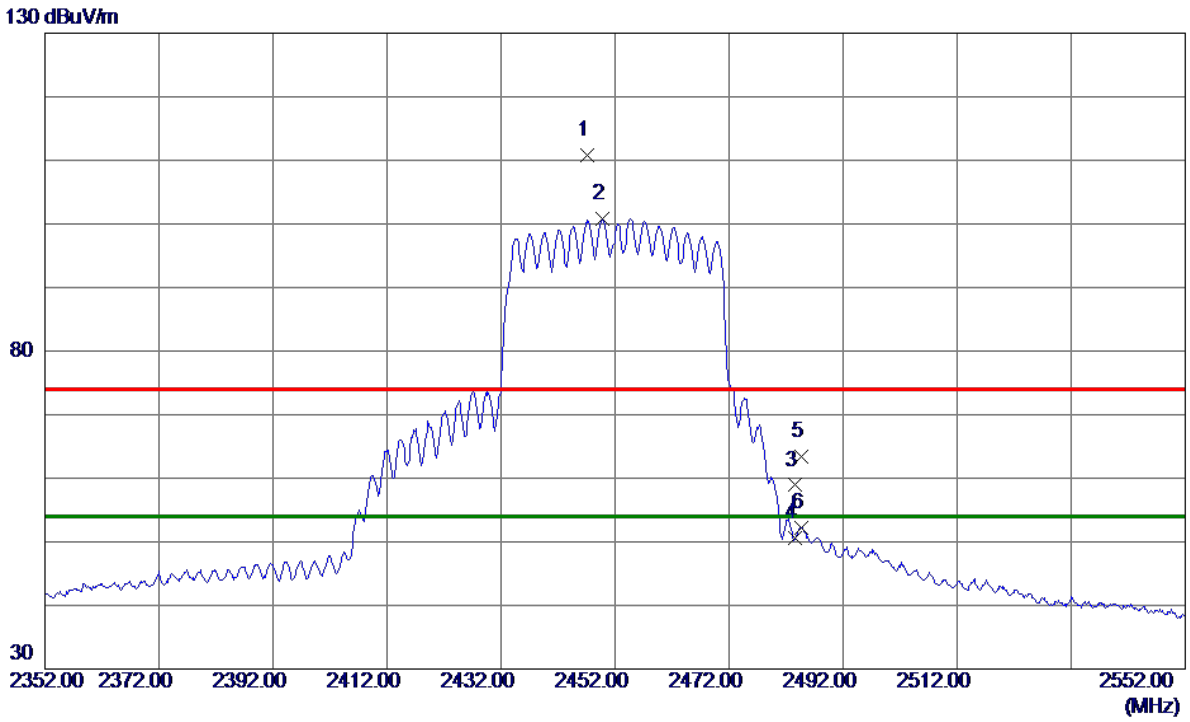
Test Mode	TX AX(HE40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.2000	62.70	2.40	65.10	74.00	-8.90	Peak	
2 *	4873.8500	51.05	2.40	53.45	54.00	-0.55	AVG	

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

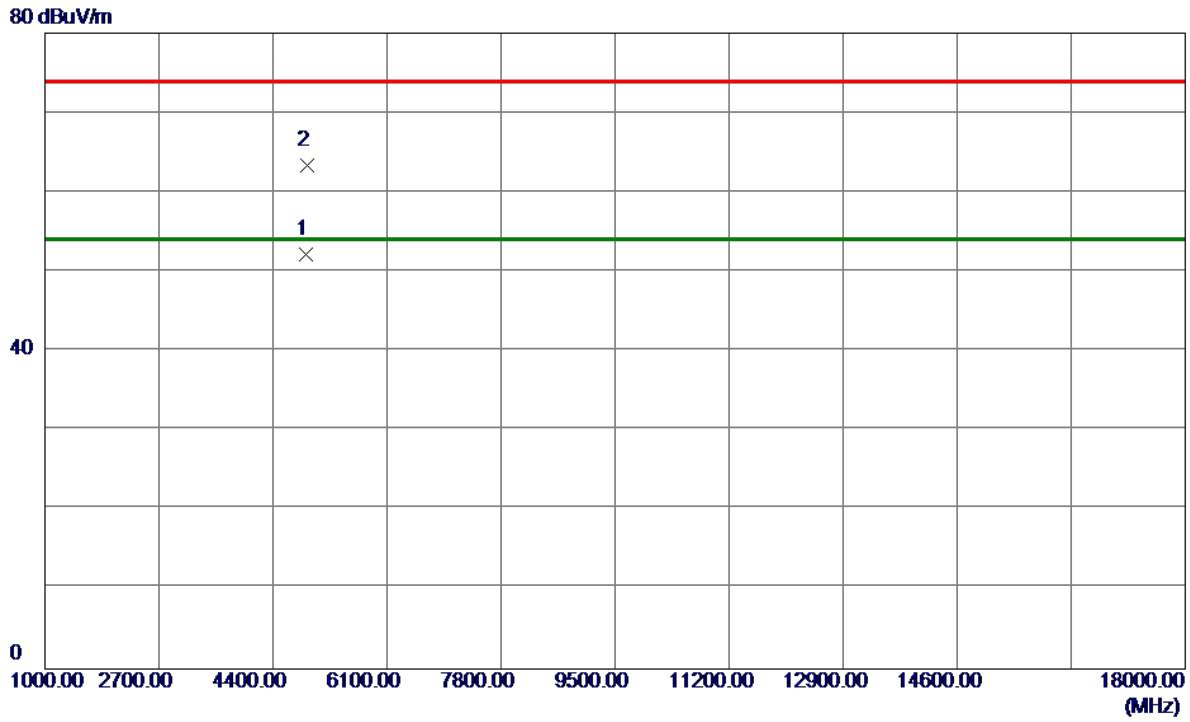
Test Mode	TX AX(HE40) Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2447.2000	105.12	5.72	110.84	74.00	36.84	Peak	No Limit
2 *	2449.8000	95.08	5.72	100.80	54.00	46.80	AVG	No Limit
3	2483.5000	53.12	5.78	58.90	74.00	-15.10	Peak	
4	2483.5000	44.75	5.78	50.53	54.00	-3.47	AVG	
5	2484.6000	57.64	5.79	63.43	74.00	-10.57	Peak	
6	2484.6000	46.45	5.79	52.24	54.00	-1.76	AVG	

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

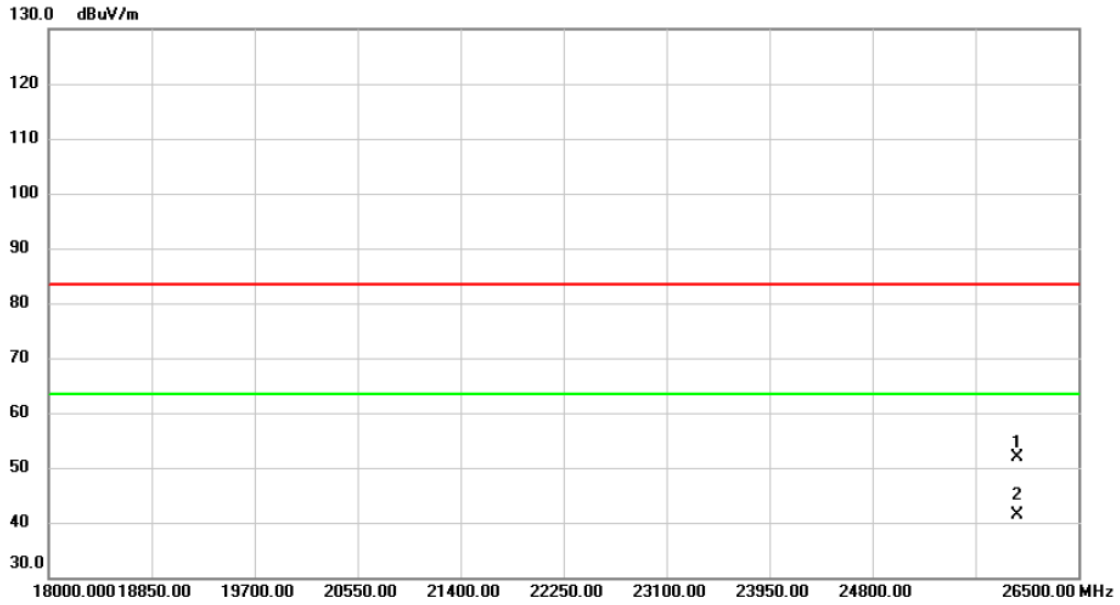
Test Mode	TX AX(HE40) Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4898.8500	49.64	2.48	52.12	54.00	-1.88	AVG	
2	4903.7000	60.83	2.50	63.33	74.00	-10.67	Peak	

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

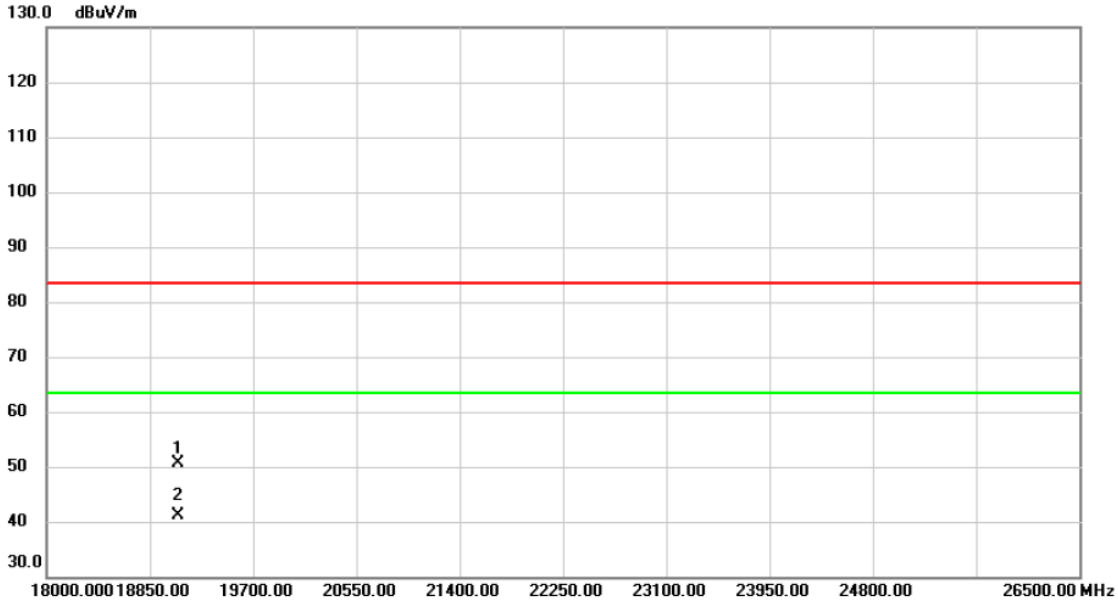
Test Mode	TX G Mode Channel 01	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		25998.50	41.43	10.49	51.92	83.50	-31.58	peak	
2	*	25998.50	30.84	10.49	41.33	63.50	-22.17	AVG	

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

Test Mode	TX G Mode Channel 01	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19079.50	43.47	7.20	50.67	83.50	-32.83	peak	
2	*	19079.50	33.85	7.20	41.05	63.50	-22.45	AVG	

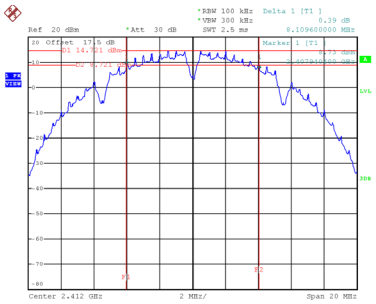
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	TX B Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	8.110	12.640	0.5	Complies
06	2437	8.100	12.640	0.5	Complies
11	2462	8.120	12.560	0.5	Complies

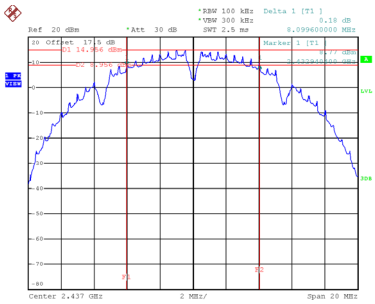
CH01



Date: 2.MAR.2024 16:15:36

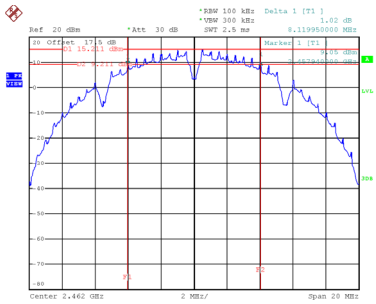
CH06

6 dB Bandwidth

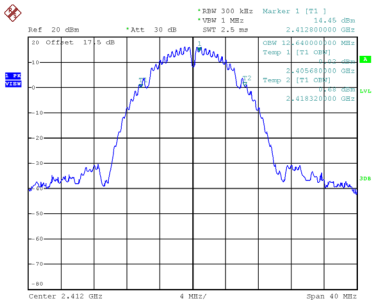


Date: 2.MAR.2024 16:17:56

CH11

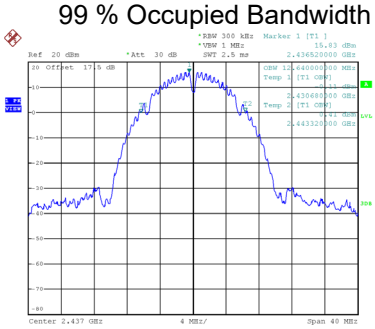


Date: 2.MAR.2024 16:19:41

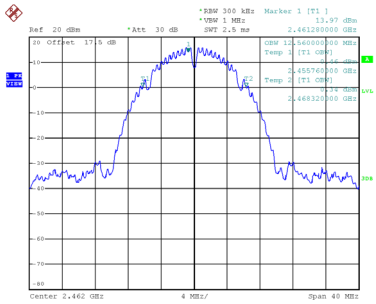


Date: 2.MAR.2024 16:15:45

99 % Occupied Bandwidth



Date: 2.MAR.2024 16:18:05

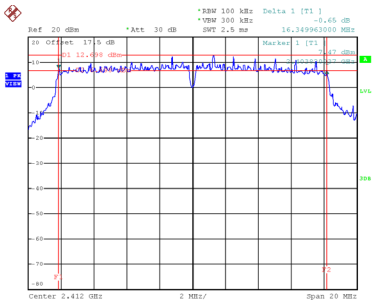


Date: 2.MAR.2024 16:19:50

Test Mode	TX G Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.350	17.760	0.5	Complies
06	2437	16.039	17.600	0.5	Complies
11	2462	16.380	17.440	0.5	Complies

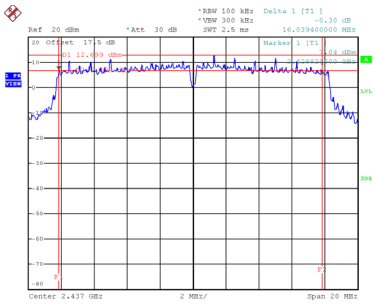
CH01



Date: 2.MAR.2024 16:21:55

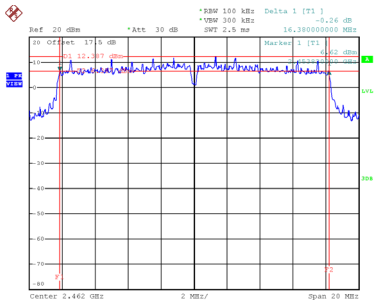
CH06

6 dB Bandwidth

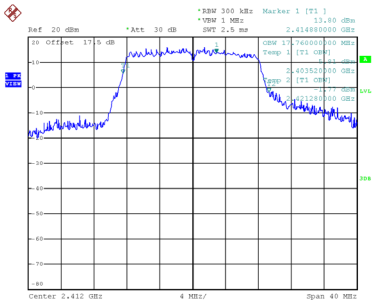


Date: 2.MAR.2024 16:23:25

CH11

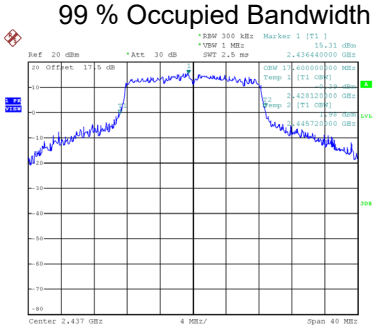


Date: 2.MAR.2024 16:24:58

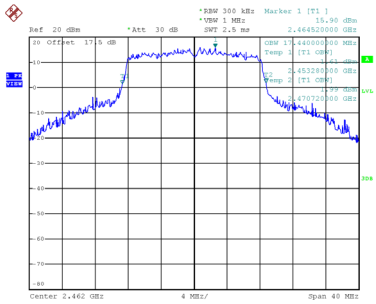


Date: 2.MAR.2024 16:22:04

99 % Occupied Bandwidth



Date: 2.MAR.2024 16:23:34

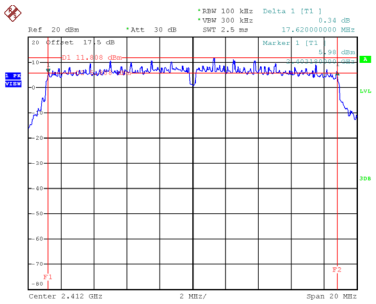


Date: 2.MAR.2024 16:25:07

Test Mode	TX N(HT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	17.620	18.160	0.5	Complies
06	2437	17.620	18.240	0.5	Complies
11	2462	17.220	18.160	0.5	Complies

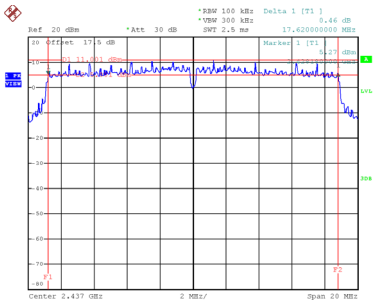
CH01



Date: 2.MAR.2024 16:27:29

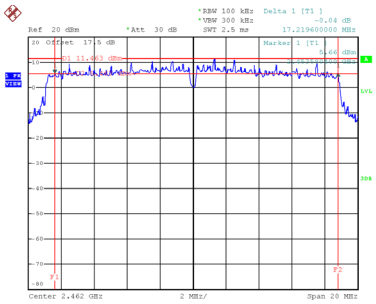
CH06

6 dB Bandwidth

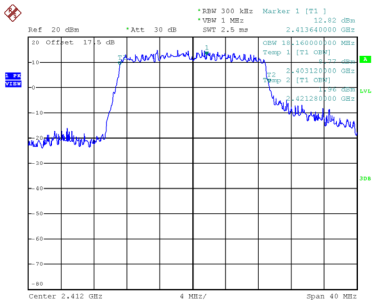


Date: 2.MAR.2024 16:28:57

CH11

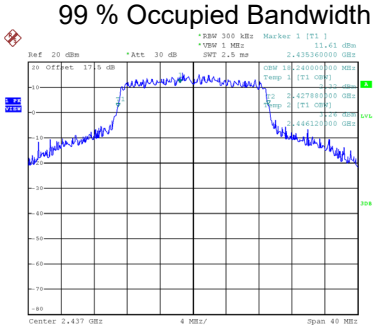


Date: 2.MAR.2024 16:30:31

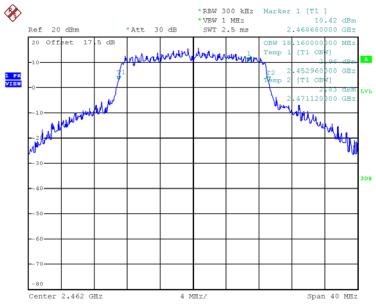


Date: 2.MAR.2024 16:27:38

99 % Occupied Bandwidth



Date: 2.MAR.2024 16:29:05

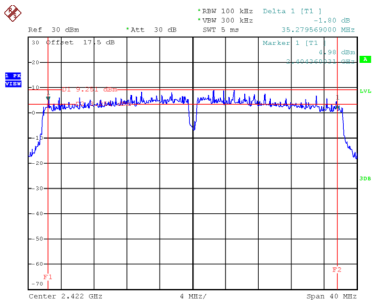


Date: 2.MAR.2024 16:30:40

Test Mode	TX N(HT40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	35.280	37.120	0.5	Complies
06	2437	35.120	37.280	0.5	Complies
09	2452	35.080	37.280	0.5	Complies

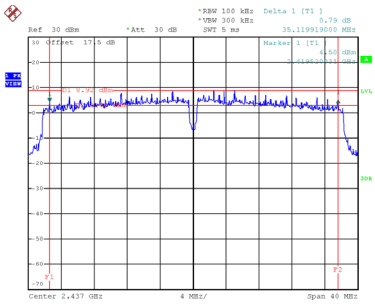
CH03



Date: 2.MAR.2024 16:33:14

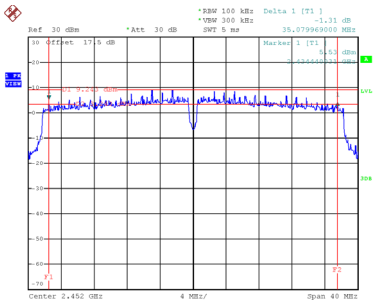
CH06

6 dB Bandwidth



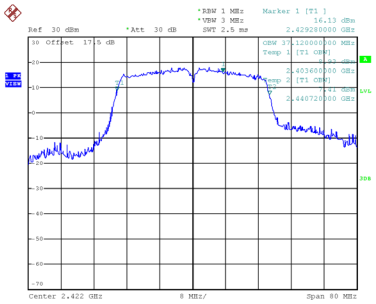
Date: 2.MAR.2024 16:34:45

CH09

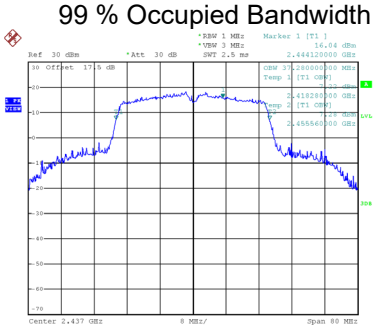


Date: 2.MAR.2024 16:36:15

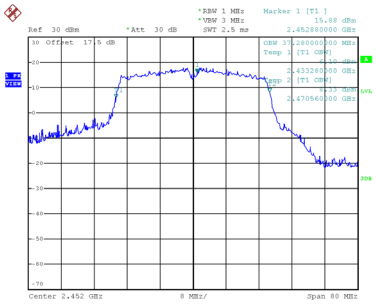
99 % Occupied Bandwidth



Date: 2.MAR.2024 16:33:23



Date: 2.MAR.2024 16:34:53

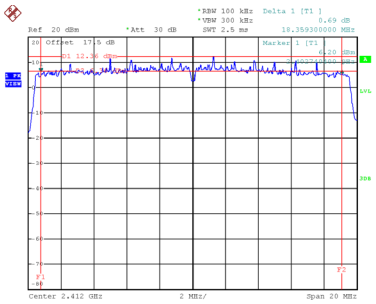


Date: 2.MAR.2024 16:36:24

Test Mode	TX AX(HE20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	18.359	19.200	0.5	Complies
06	2437	18.260	19.440	0.5	Complies
11	2462	17.499	19.280	0.5	Complies

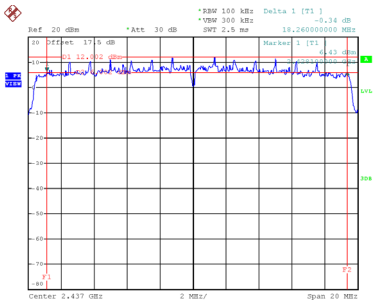
CH01



Date: 2.MAR.2024 16:38:48

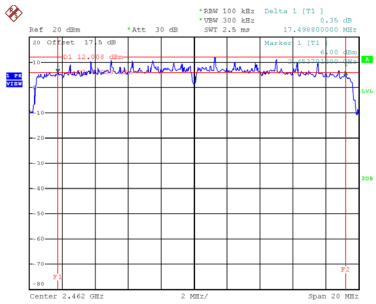
CH06

6 dB Bandwidth



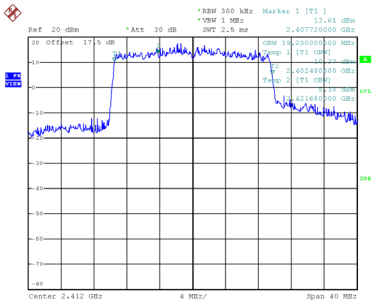
Date: 2.MAR.2024 16:40:15

CH11

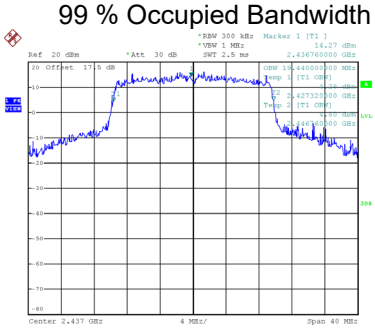


Date: 2.MAR.2024 16:41:40

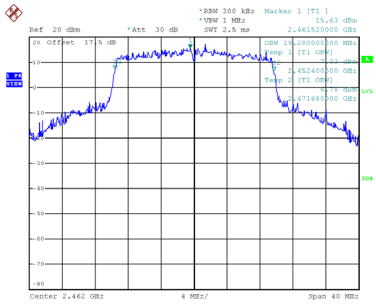
99 % Occupied Bandwidth



Date: 2.MAR.2024 16:38:56



Date: 2.MAR.2024 16:40:23



Date: 2.MAR.2024 16:41:49