FCC Radio Test Report

FCC ID: 2AXJ4S7

This report concerns: Original Grant

Project No.	:	2104C097
Equipment	:	AC1900 Whole Home Mesh Wi-Fi System
Brand Name	:	tp-link
Test Model	:	Deco S7
Series Model	:	N/A
Applicant	:	TP-Link Corporation Limited
Address	:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong
Manufacturer	:	TP-Link Corporation Limited
Address	:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong
Date of Receipt	:	Apr. 13, 2021
Date of Test	:	Jun. 02, 2021 ~ Jul. 07, 2021
Issued Date	:	Jul. 29, 2021
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG20210527190
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart C FCC KDB 558074 D01 15.247 Meas Guidance v05r02 FCC KDB 662911 D01 Multiple Transmitter Output v02r01 ANSI C63.10-2013

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

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TESTING CERT #5123.02

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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).

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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 Version	Description	Issued Date
R00	Original Issue.	Jul. 29, 2021

1. 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 Average 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.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

1.2 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% 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	2.68

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	-	3.02
		30MHz ~ 200MHz	V	4.26
		30MHz ~ 200MHz	H	3.38
		200MHz ~ 1,000MHz	V	3.98
		200MHz ~ 1,000MHz	H	3.94
		1GHz ~ 6GHz	-	3.96
		6GHz ~ 18GHz	-	5.24
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

C. Other Measurement:

Test Item	Uncertainty
Bandwidth	±3.8 %
Maximum Output Power	±0.95 dB
Conducted Spurious Emission	±2.71 dB
Power Spectral Density	±0.86 dB
Temperature	±0.08 °C
Humidity	±1.5%

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	25°C	53%	AC 120V/60Hz	Laughing Zhang
Radiated Emissions-9kHz to 30 MHz	25°C	60%	AC 120V/60Hz	Laughing Zhang
Radiated Emissions-30MHz to 1000MHz	26°C	52%	AC 120V/60Hz	Hayden Chen
Radiated Emissions-Above 1000MHz	24°C	60%	AC 120V/60Hz	Grani Zhou
Bandwidth	23°C	52%	AC 120V/60Hz	Jesse Wang
Maximum Average Output Power	23°C	53%	AC 120V/60Hz	Hand Huang
Conducted Spurious Emissions	23°C	52%	AC 120V/60Hz	Jesse Wang
Power Spectral Density	23°C	52%	AC 120V/60Hz	Jesse Wang

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1900 Whole Home Mesh Wi-Fi System
Brand Name	tp-link
Test Model	Deco S7
Series Model	N/A
Model Difference(s)	N/A
Power Source	DC voltage supplied from AC adapter. Model: T120150-2B1
Power Rating	I/P: 100-240V~ 50/60Hz 0.6A O/P: 12.0V ⎓ 1.5A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE vht: 256QAM
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 450 Mbps IEEE vht: up to 600 Mbps
Maximum Average Output Power_Non Beamforming	IEEE vht20: 27.40 dBm (0.5495 W)
Maximum Average Output Power_Beamforming	IEEE vht20: 26.81 dBm (0.4797 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 vht20 CH03 - CH09 for IEEE 802.11n(HT40), IEEE vht40							
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	Model Name	Antenna Type	Connector	Gain (dBi)
1	tp-link	N/A	Dipole	I-PEX	1.96
2	tp-link	N/A	Dipole	I-PEX	1.99
3	tp-link	N/A	Dipole	I-PEX	2.00

Note:

1) This EUT supports CDD, and all antenna gains are not equal. Then, Directional gain=10log[($10^{G1/20}$+$10^{G2/20}$+...$10^{GN/20}$)^2/N]dBi, that is Directional gain=10log[($10^{1.96/20}$+$10^{1.99/20}$+$10^{2.00/20}$)^2/3]dBi =6.75. So, the output power limit is 30-(6.75-6)=29.25, the power spectral density limit is 8-(6.75-6)=7.25.
2) Beamforming Gain: 4.70 dB. Then Directional gain=4.70+2.00=6.70. So, the output power limit is 30-(6.70-6)=29.30.
3) The antenna gain and beamforming gain are provided by the manufacturer.

4. Table for Antenna Configuration:
For Non Beamforming:

Operating Mode / TX Mode	3TX
IEEE 802.11b	V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11g	V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11n(HT20)	V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11n(HT40)	V (Ant. 1+Ant. 2+Ant. 3)
IEEE vht20	V (Ant. 1+Ant. 2+Ant. 3)
IEEE vht40	V (Ant. 1+Ant. 2+Ant. 3)

For Beamforming:

Operating Mode / TX Mode	3TX
IEEE 802.11n(HT20)	V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11n(HT40)	V (Ant. 1+Ant. 2+Ant. 3)
IEEE vht20	V (Ant. 1+Ant. 2+Ant. 3)
IEEE vht40	V (Ant. 1+Ant. 2+Ant. 3)

2.2 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 vht20 Mode Channel 01/06/11
Mode 6	TX vht40 Mode Channel 03/06/09
Mode 7	TX vht20 Mode Channel 06
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N(HT20) Mode Channel 01/02/06/10/11
Mode 11	TX N(HT40) Mode Channel 03/04/06/08/09
Mode 12	TX vht20 Mode Channel 01/02/06/10/11
Mode 13	TX vht40 Mode Channel 03/04/06/08/09

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 vht20 Mode Channel 06

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 7	TX vht20 Mode Channel 06

Radiated emissions test- Above 1GHz_Non Beamforming	
Final Test Mode	Description
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N(HT20) Mode Channel 01/02/06/10/11
Mode 11	TX N(HT40) Mode Channel 03/04/06/08/09
Mode 12	TX vht20 Mode Channel 01/02/06/10/11
Mode 13	TX vht40 Mode Channel 03/04/06/08/09

Maximun Average Output Power_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 vht20 Mode Channel 01/06/11
Mode 6	TX vht40 Mode Channel 03/06/09

Maximun Average Output Power_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 vht20 Mode Channel 01/06/11
Mode 6	TX vht40 Mode Channel 03/06/09

Other Conducted test	
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 vht20 Mode Channel 01/06/11
Mode 6	TX vht40 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 vht20 Mode Channel 06 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) The measurements for Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. The worst case is Non Beamforming and only the worst case is documented for other test items.

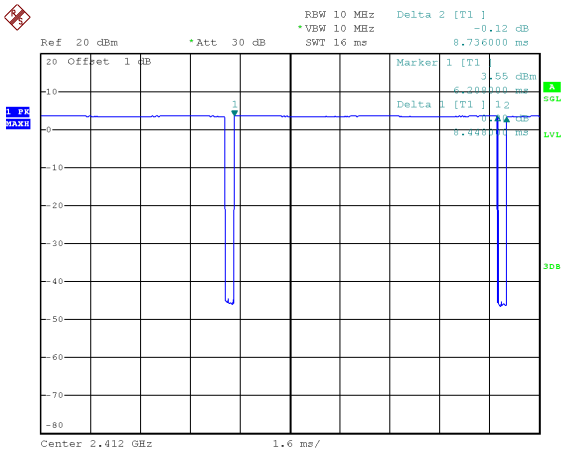
2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	ATool_V1.0.1

2.4 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.

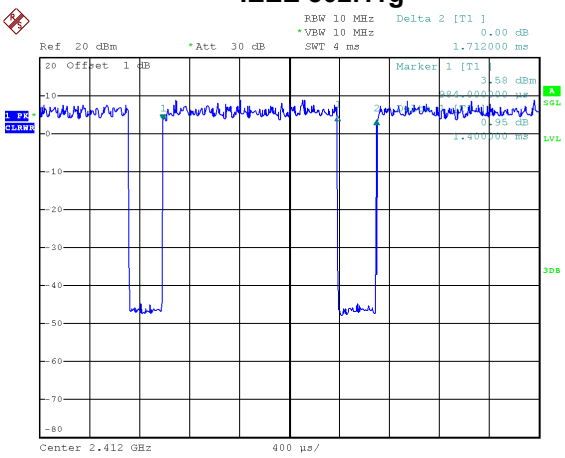
IEEE 802.11b



Date: 19.MAY.2021 09:39:18

Duty cycle = 8.448 ms / 8.736 ms = 96.70%
Duty Factor = 10 log(1/Duty cycle) = 0.15

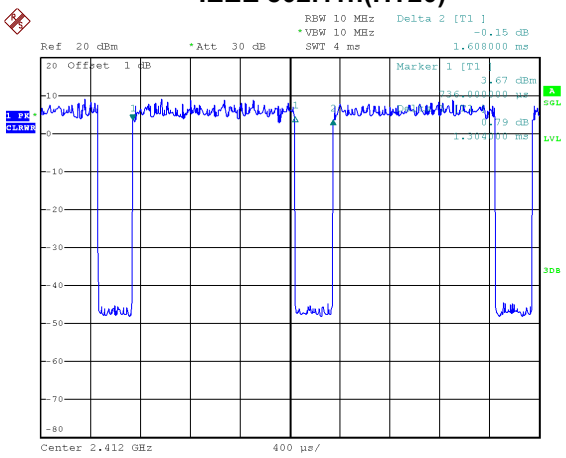
IEEE 802.11g



Date: 19.MAY.2021 09:40:36

Duty cycle = 1.400 ms / 1.712 ms = 81.78%
Duty Factor = 10 log(1/Duty cycle) = 0.87

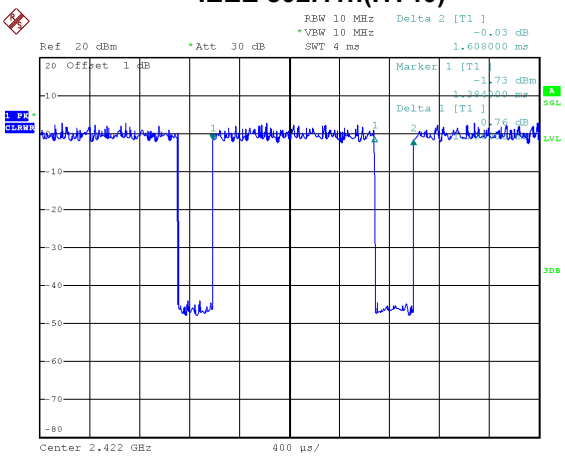
IEEE 802.11n(HT20)



Date: 19.MAY.2021 09:41:32

Duty cycle = 1.304 ms / 1.608 ms = 81.09%
Duty Factor = 10 log(1/Duty cycle) = 0.91

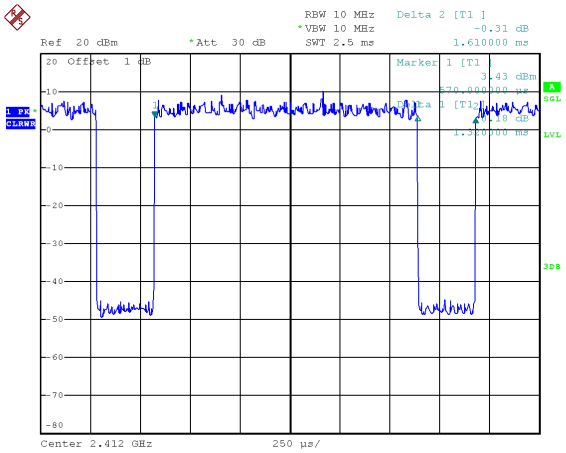
IEEE 802.11n(HT40)



Date: 19.MAY.2021 09:42:16

Duty cycle = 1.296 ms / 1.608 ms = 80.60%
Duty Factor = 10 log(1/Duty cycle) = 0.94

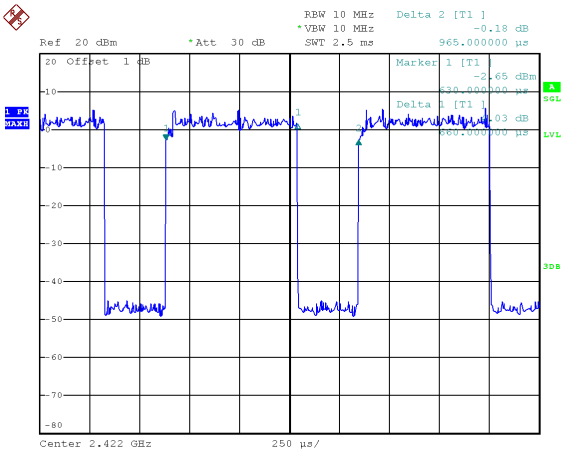
IEEE vht20



Date: 20.MAY.2021 10:24:14

Duty cycle = 1.320 ms / 1.610 ms = 81.99%
Duty Factor = 10 log(1/Duty cycle) = 0.86

IEEE vht40



Date: 20.MAY.2021 10:26:00

Duty cycle = 0.660 ms / 0.965 ms = 68.39%
Duty Factor = 10 log(1/Duty cycle) = 1.65

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 118 Hz.

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 714 Hz.

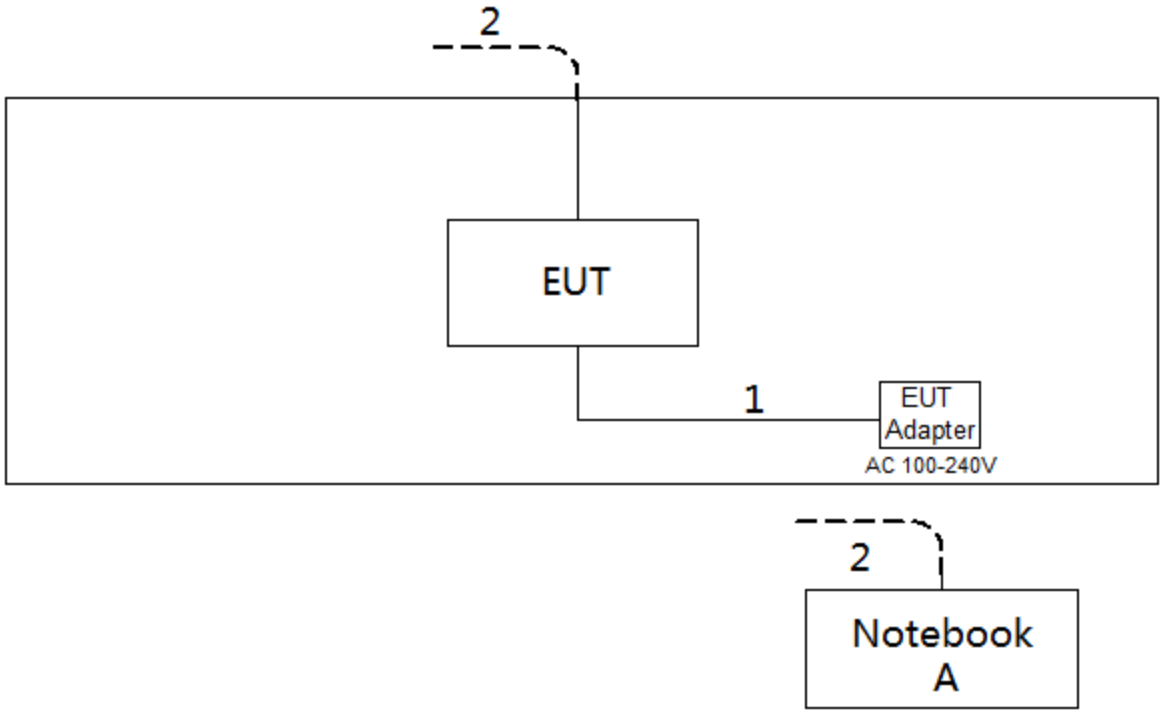
For IEEE 802.11n(HT20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 767 Hz.

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 772 Hz.

For IEEE vht20:
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 758 Hz.

For IEEE vht40:
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1515 Hz.

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Dell	Inspiron 15-7559	N/A

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

3. AC POWER LINE CONDUCTED EMISSIONS

3.1 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.

3.2 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.

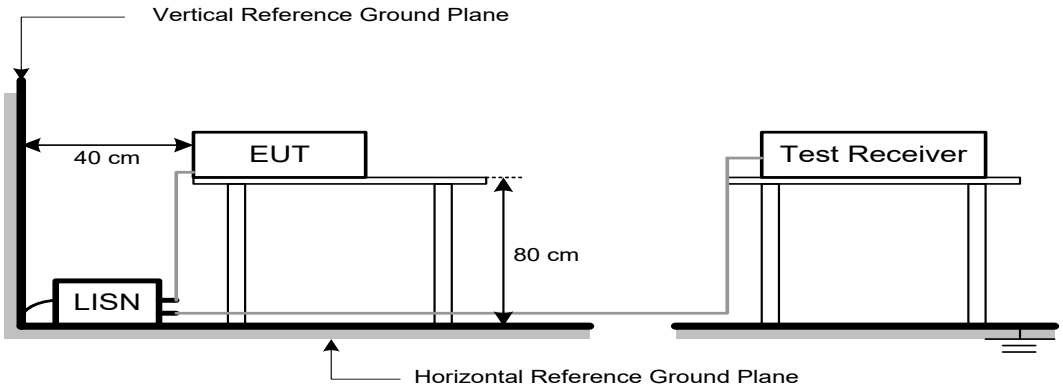
The following table is the setting of the receiver:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 EUT OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULTS

Please refer to the APPENDIX A.

4. RADIATED EMISSIONS

4.1 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)	(dBuV/m at 3 m)	
	Peak	Average
Above 1000	74	54

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).

4.2 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 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 1 GHz)
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

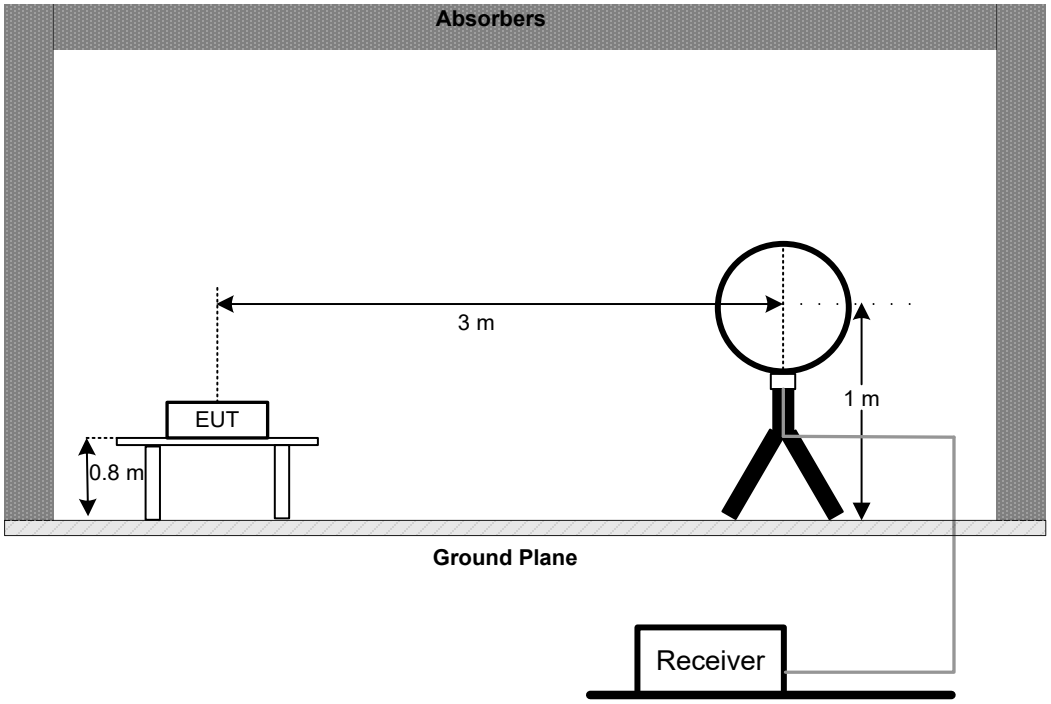
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

4.3 DEVIATION FROM TEST STANDARD

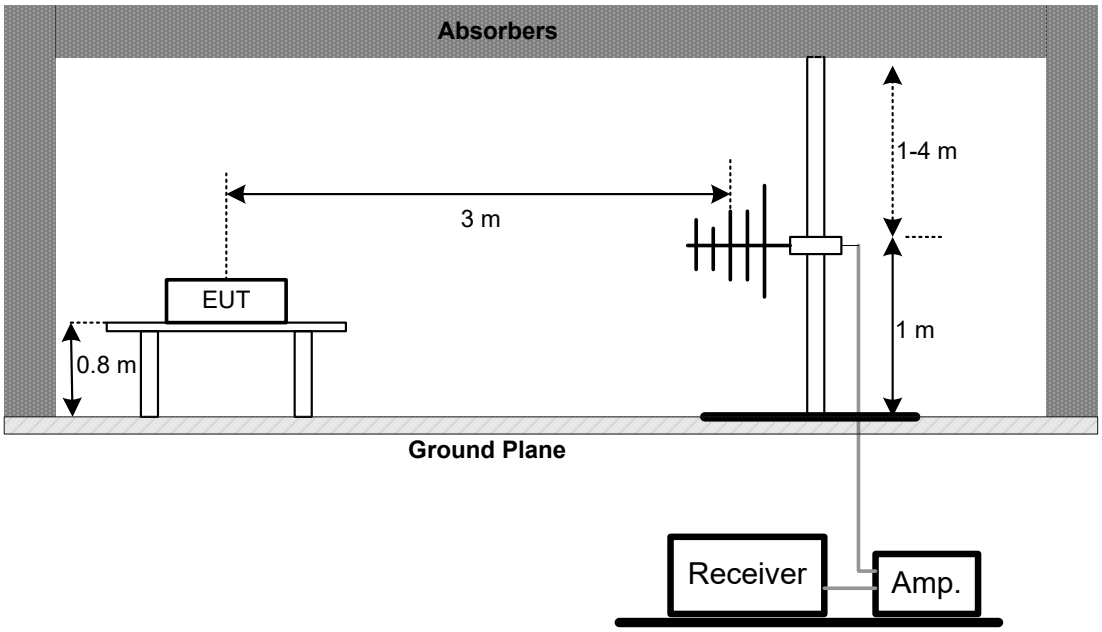
No deviation.

4.4 TEST SETUP

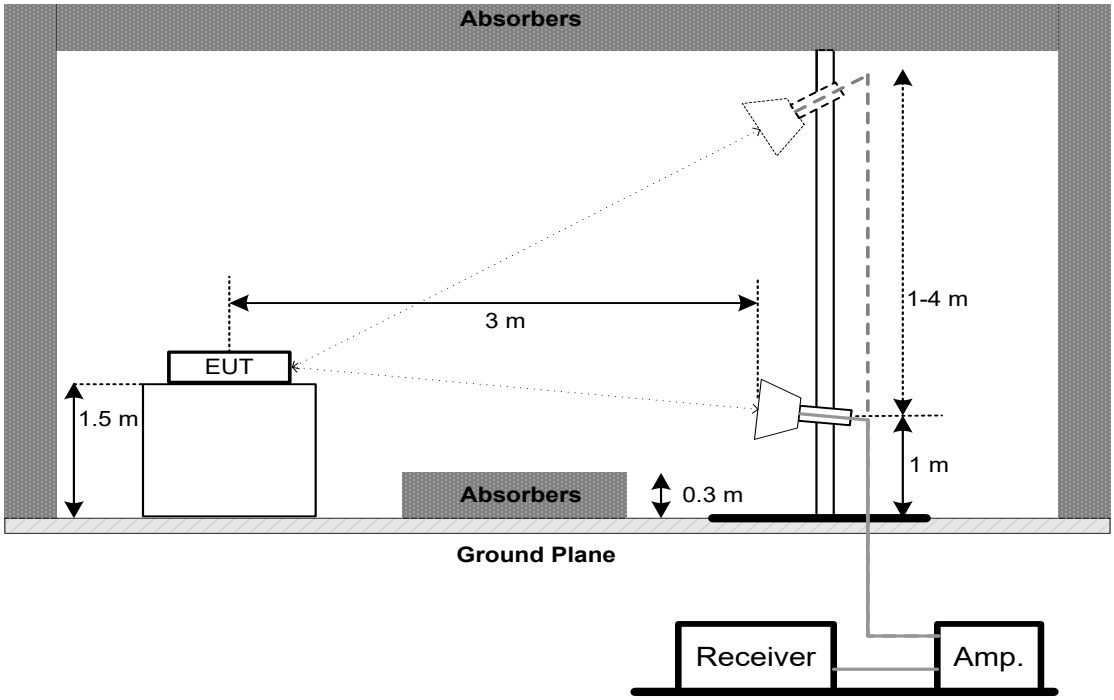
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 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.

4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

4.8 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.

5. BANDWIDTH

5.1 LIMIT

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

5.2 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

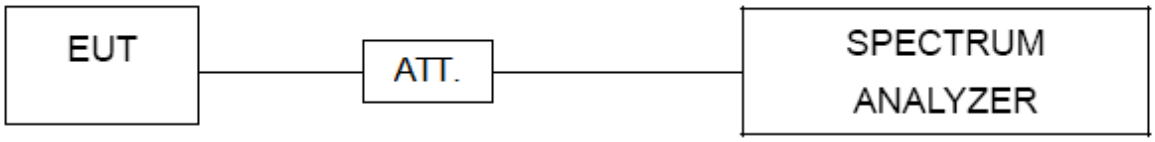
For 99% Emission Bandwidth:

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

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.

6. MAXIMUM AVERAGE OUTPUT POWER

6.1 LIMIT

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

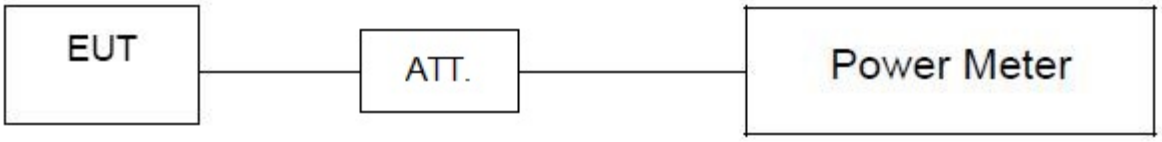
6.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter 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.

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 F.

7. CONDUCTED SPURIOUS EMISSIONS

7.1 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.

7.2 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 Reference Level:

Spectrum Parameters	Setting
Span Frequency	≥ 1.5 times the bandwidth.
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

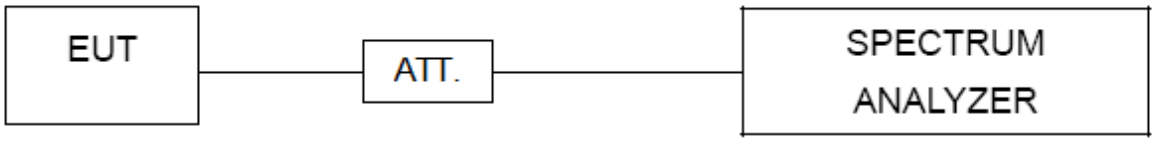
For Emission Level:

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

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 G.

8. POWER SPECTRAL DENSITY

8.1 LIMIT

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

8.2 TEST PROCEDURE

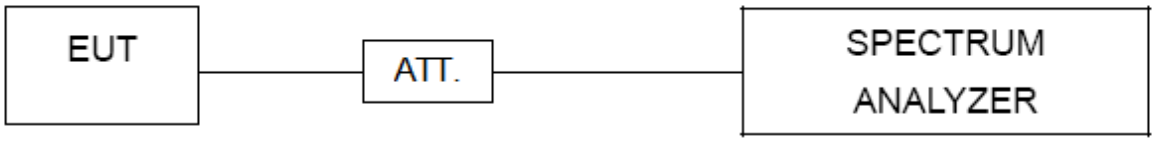
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. The following table is the setting of the spectrum analyzer:

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

9. 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	ESCI	100382	Feb. 28, 2022
2	LISN	EMCO	3816/2	52765	Feb. 27, 2022
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 27, 2022
4	50Ω Terminator	SHX	TF5-3	15041305	Feb. 27, 2022
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 09, 2022
7	643 Shield Room	ETS	6*4*3m	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EM	EM-6876-1	230	Apr. 28, 2022
2	Cable	N/A	RG 213/U	N/A	May 27, 2022
3	EMI Test Receiver	R&S	ESCI	100895	Feb. 27, 2022
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 15, 2022
2	Amplifier	HP	8447D	2944A08742	Feb. 28, 2022
3	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 20, 2022
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	May 10, 2022
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jul. 07, 2021
3	Amplifier	Agilent	8449B	3008A02584	Jul. 25, 2021
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 28, 2022
5	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	N/A	EMC104-SM-SM-6 000	N/A	Oct. 16, 2021
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Filter	STI	STI15-9912	N/A	Jul. 25, 2021
11	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Bandwidth & Conducted Spurious Emissions & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 25, 2021
2	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
3	RF Cable	Tongkaichuan	N/A	N/A	N/A
4	DC Block	Mini	N/A	N/A	N/A

Maximum Average Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Aug. 07, 2021
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 25, 2021
3	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

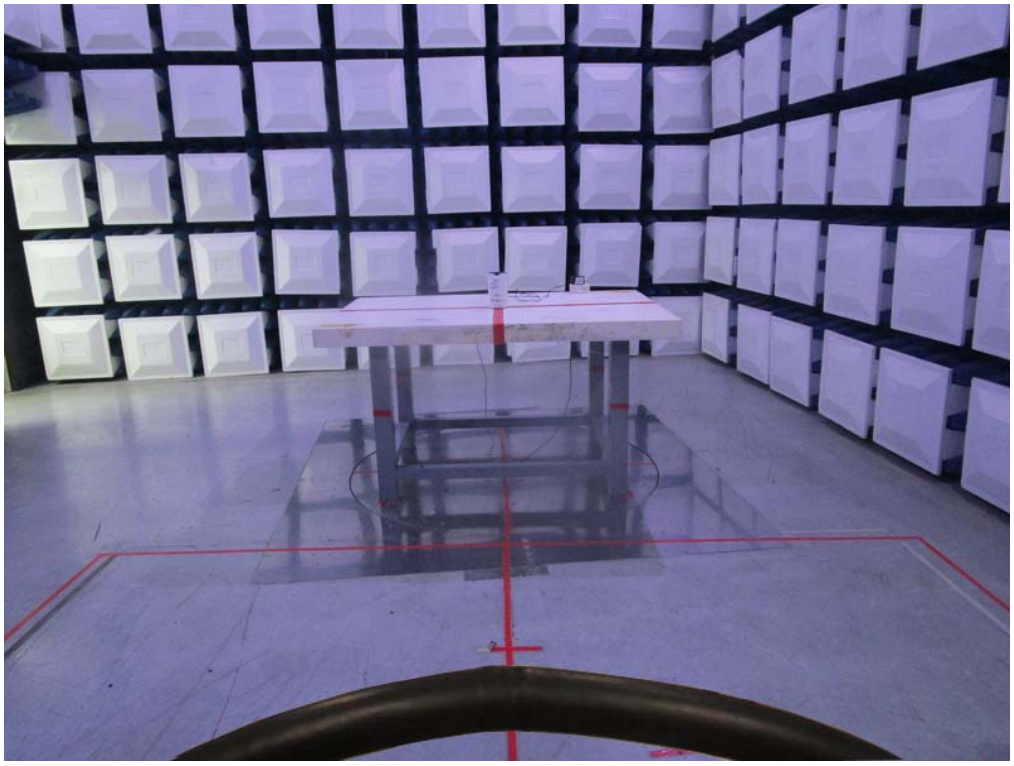
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

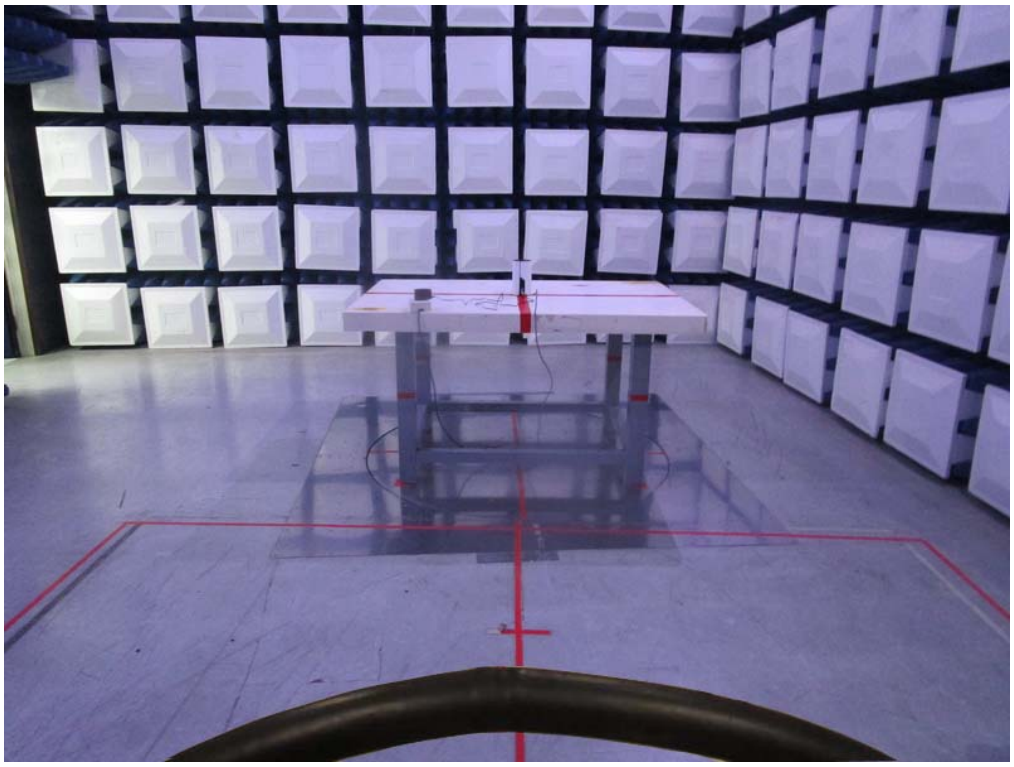
10. EUT TEST PHOTO

AC Power Line Conducted Emissions Test Photos

Radiated Emissions Test Photos

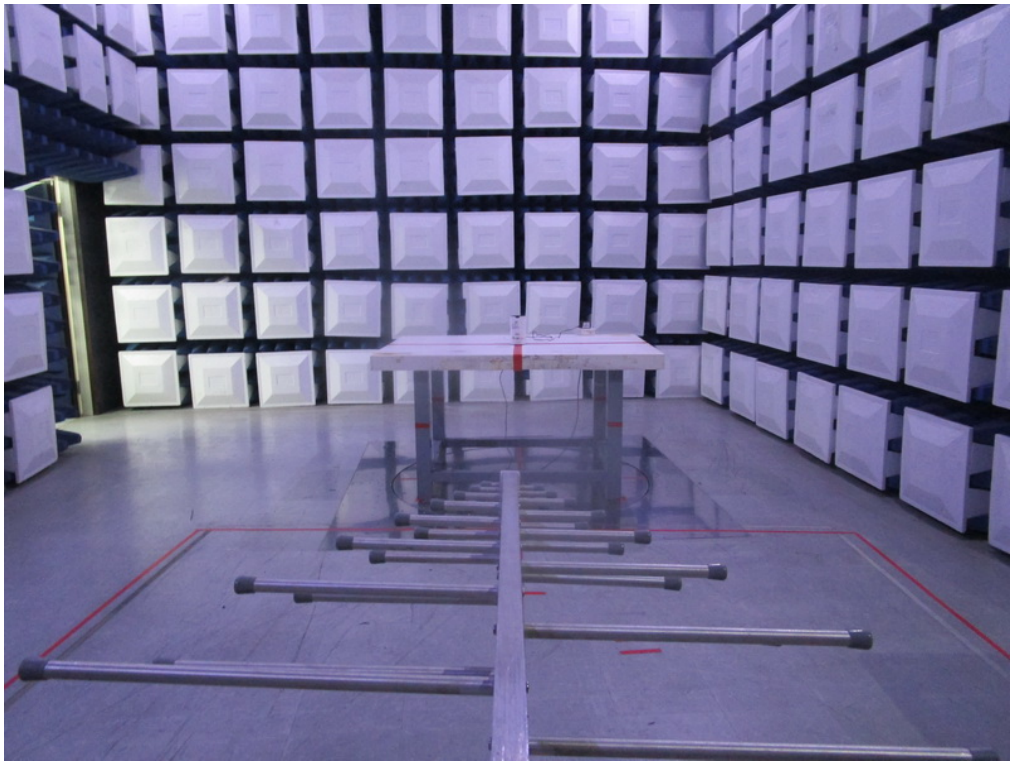
9 kHz to 30 MHz

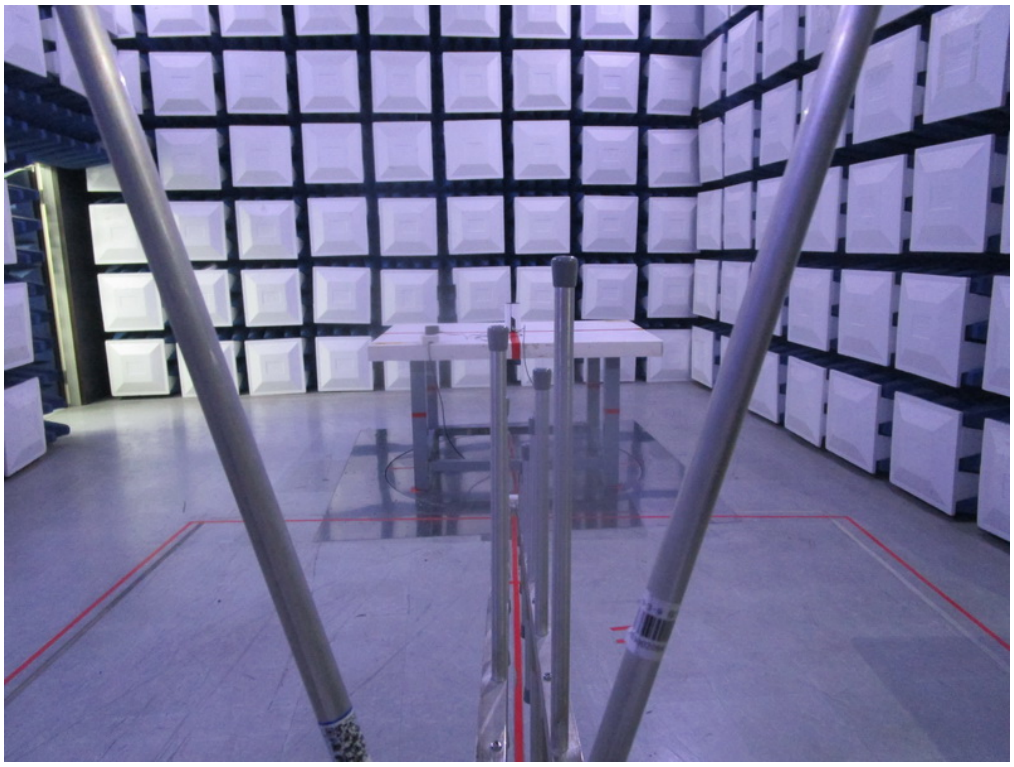




Radiated Emissions Test Photos

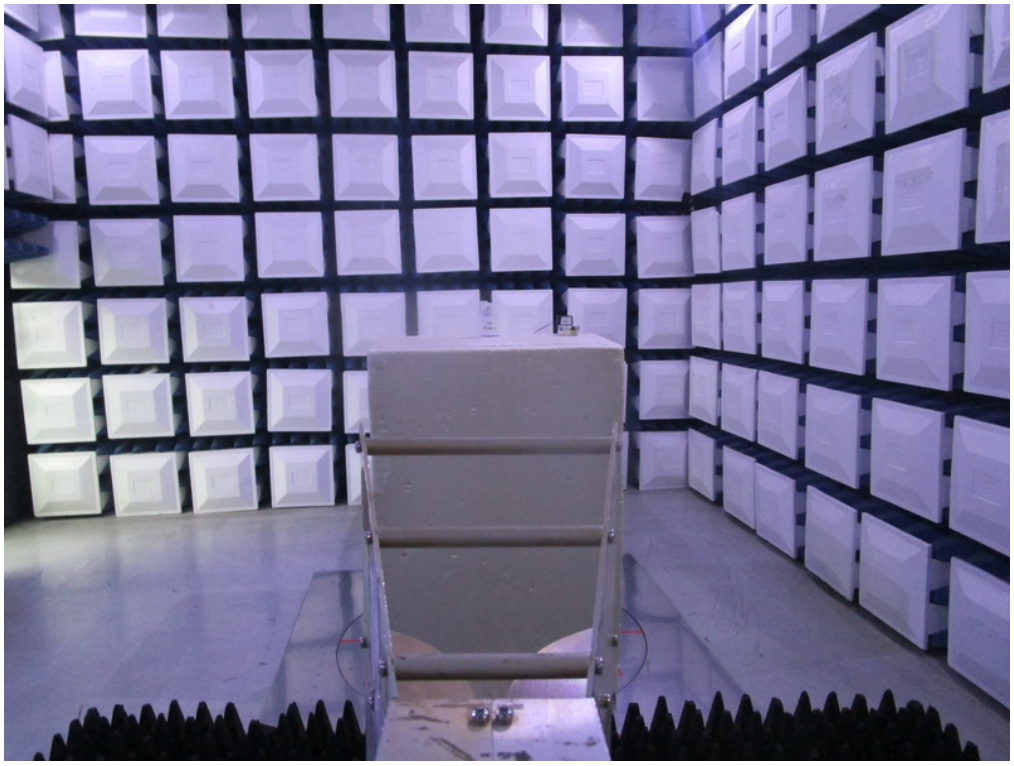
30 MHz to 1 GHz

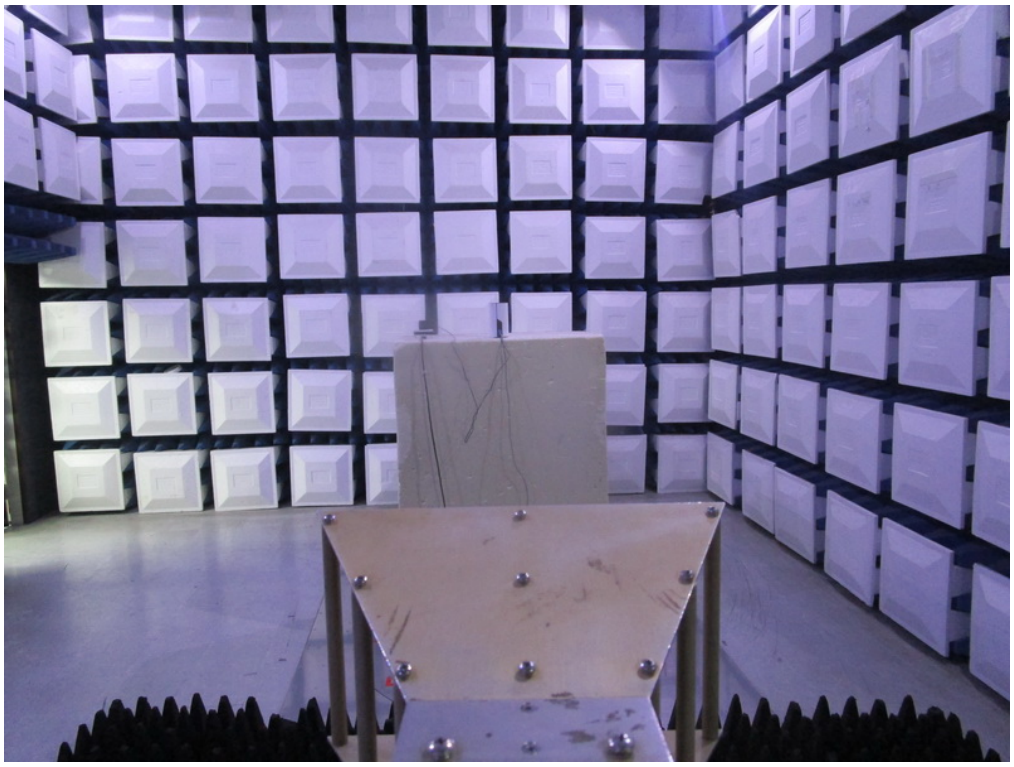




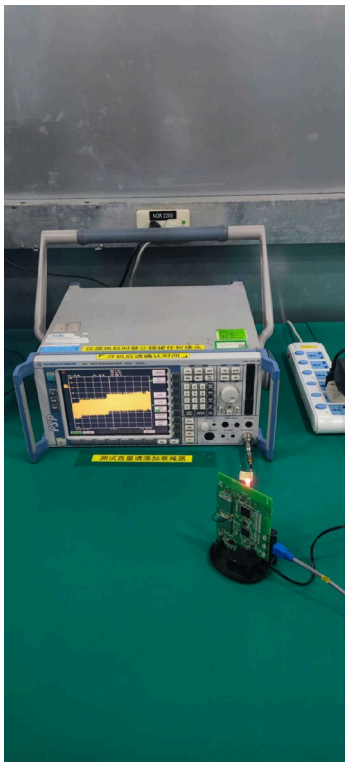
Radiated Emissions Test Photos

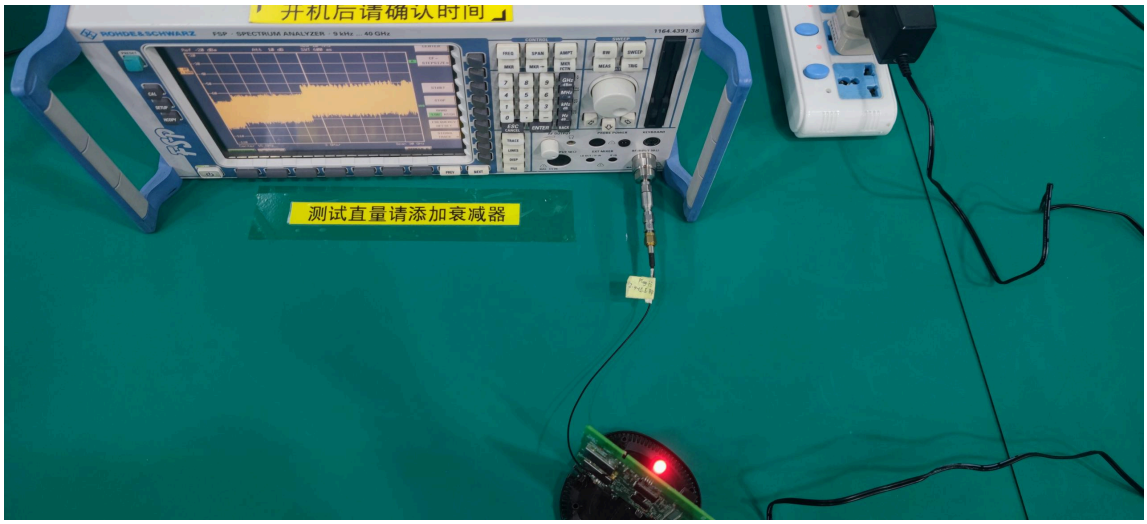
Above 1 GHz





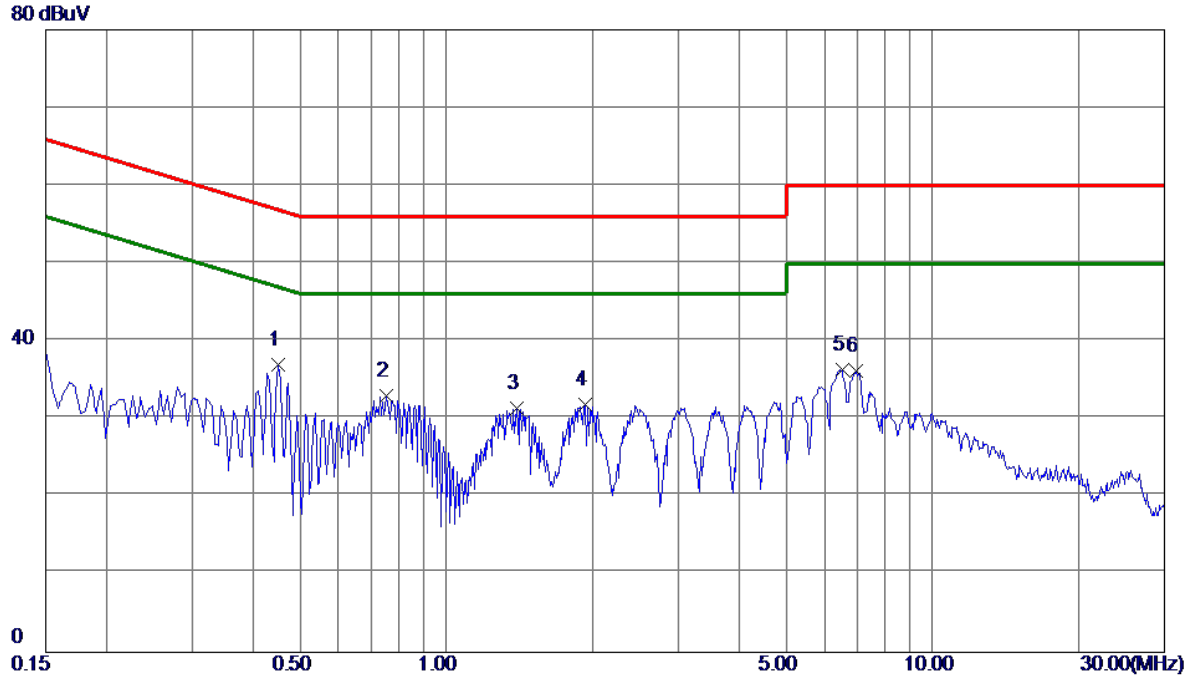
Conducted Test Photos





APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

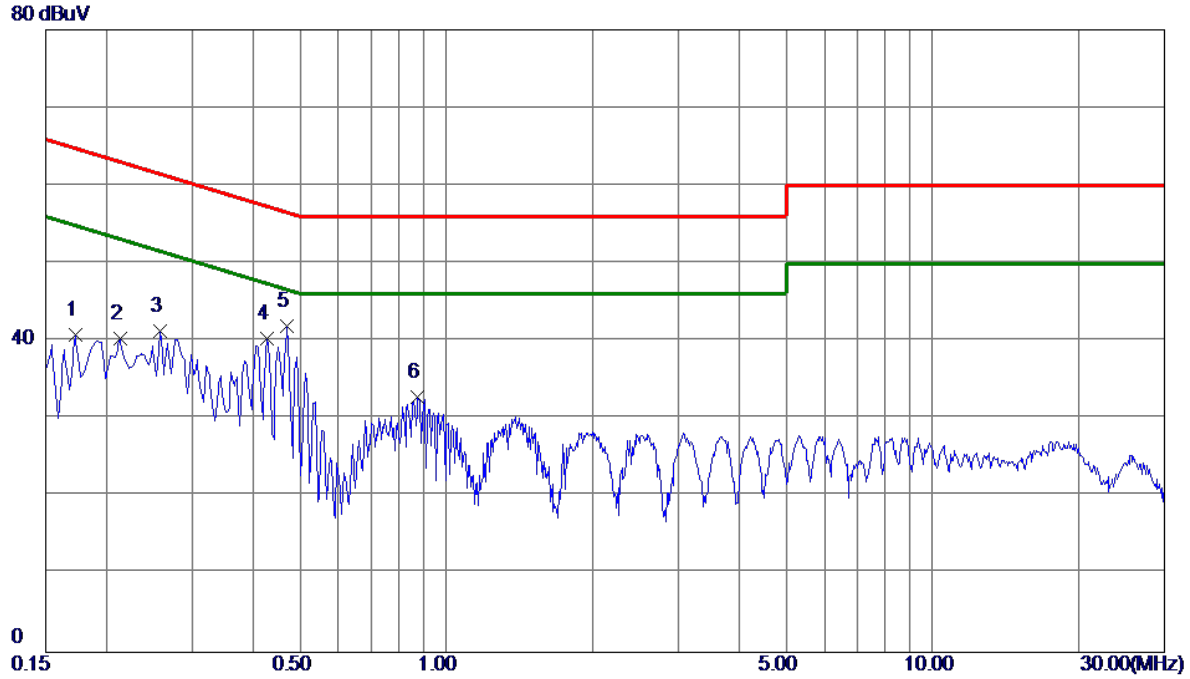
Test Mode	TX vht20 Mode Channel 06	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.4515	27.06	9.92	36.98	56.85	-19.87	Peak	
2	0.7530	23.00	9.91	32.91	56.00	-23.09	Peak	
3	1.3965	21.41	10.00	31.41	56.00	-24.59	Peak	
4	1.9320	21.76	10.04	31.80	56.00	-24.20	Peak	
5	6.5175	25.98	10.39	36.37	60.00	-23.63	Peak	
6	6.9810	25.73	10.43	36.16	60.00	-23.84	Peak	

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

Test Mode	TX vht20 Mode Channel 06	Phase	Neutral

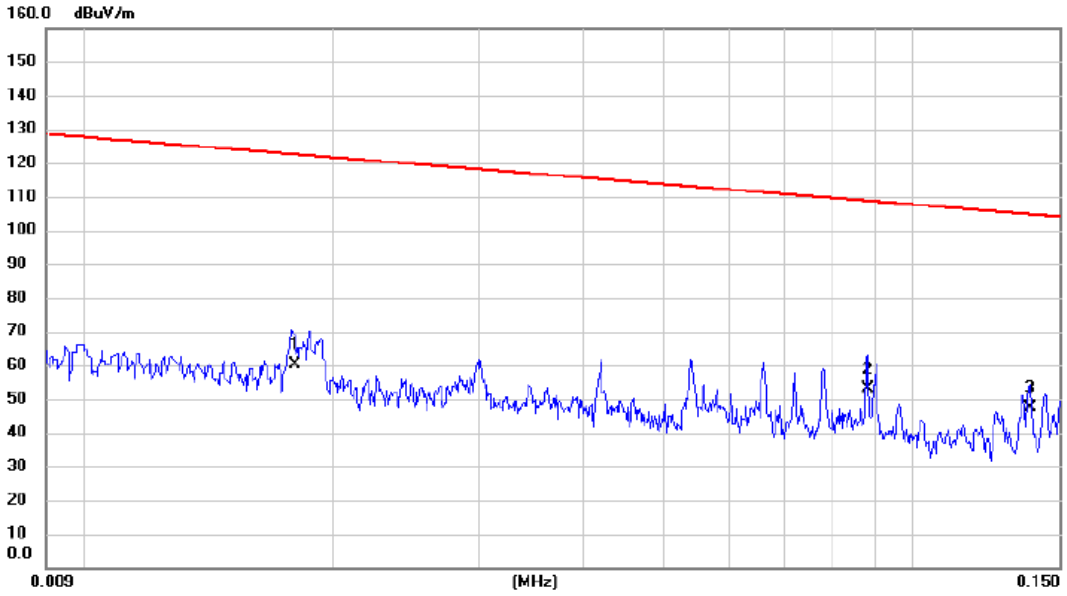


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1725	30.84	9.91	40.75	64.84	-24.09	Peak	
2	0.2130	30.35	10.00	40.35	63.09	-22.74	Peak	
3	0.2580	31.25	9.98	41.23	61.50	-20.27	Peak	
4	0.4290	30.29	10.08	40.37	57.27	-16.90	Peak	
5 *	0.4695	31.81	10.10	41.91	56.52	-14.61	Peak	
6	0.8745	22.57	10.23	32.80	56.00	-23.20	Peak	

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 vht20 Mode Channel 06	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.0180	46.38	13.84	60.22	122.50	-62.28	AVG			
2	*	0.0881	40.46	12.65	53.11	108.71	-55.60	AVG			
3		0.1382	34.58	12.74	47.32	104.80	-57.48	AVG			

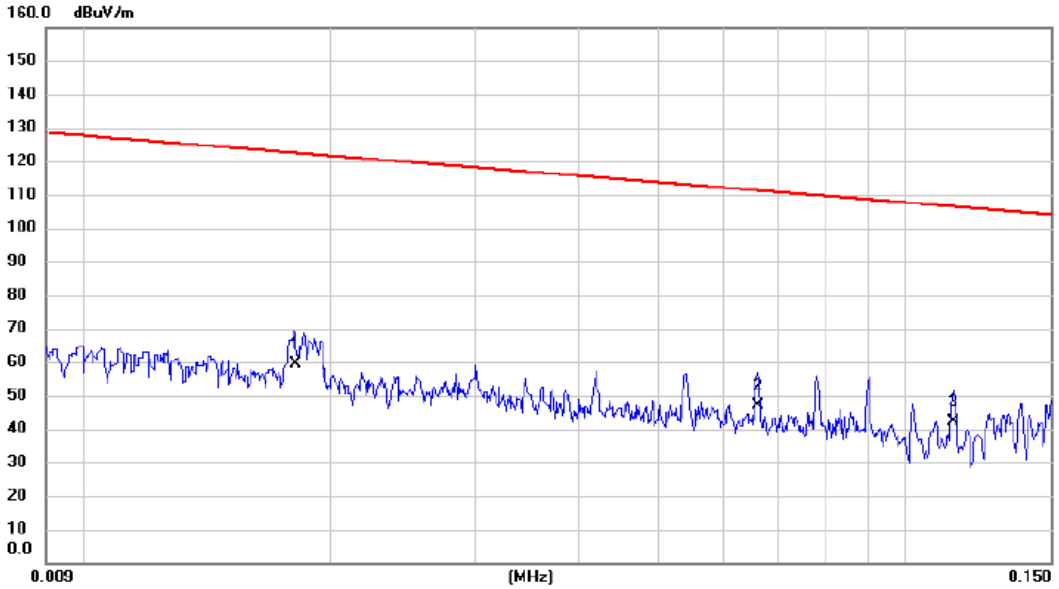
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX vht20 Mode Channel 06	Polarization	Ant 0°

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.4588	49.56	12.11	61.67	94.37	-32.70	AVG			
2	*	2.0768	38.46	11.26	49.72	69.54	-19.82	QP			
3		4.2692	35.64	10.99	46.63	69.54	-22.91	QP			

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

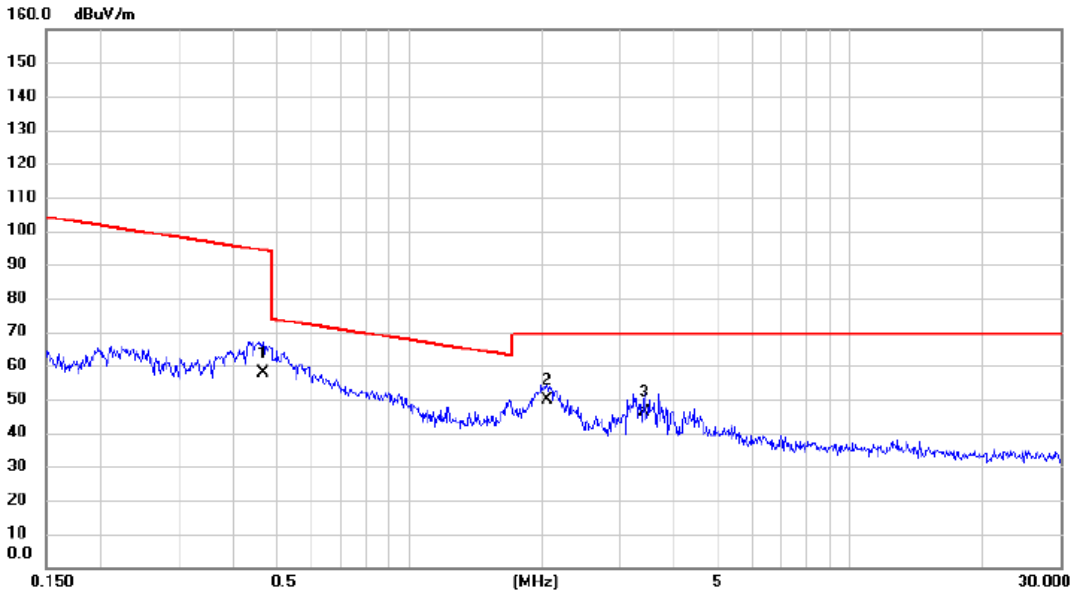
Test Mode	TX vht20 Mode Channel 06	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0181	45.69	13.81	59.50	122.45	-62.95	AVG			
2		0.0662	34.68	12.52	47.20	111.19	-63.99	AVG			
3		0.1142	29.32	12.73	42.05	106.45	-64.40	AVG			

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

Test Mode	TX vht20 Mode Channel 06	Polarization	Ant 90°

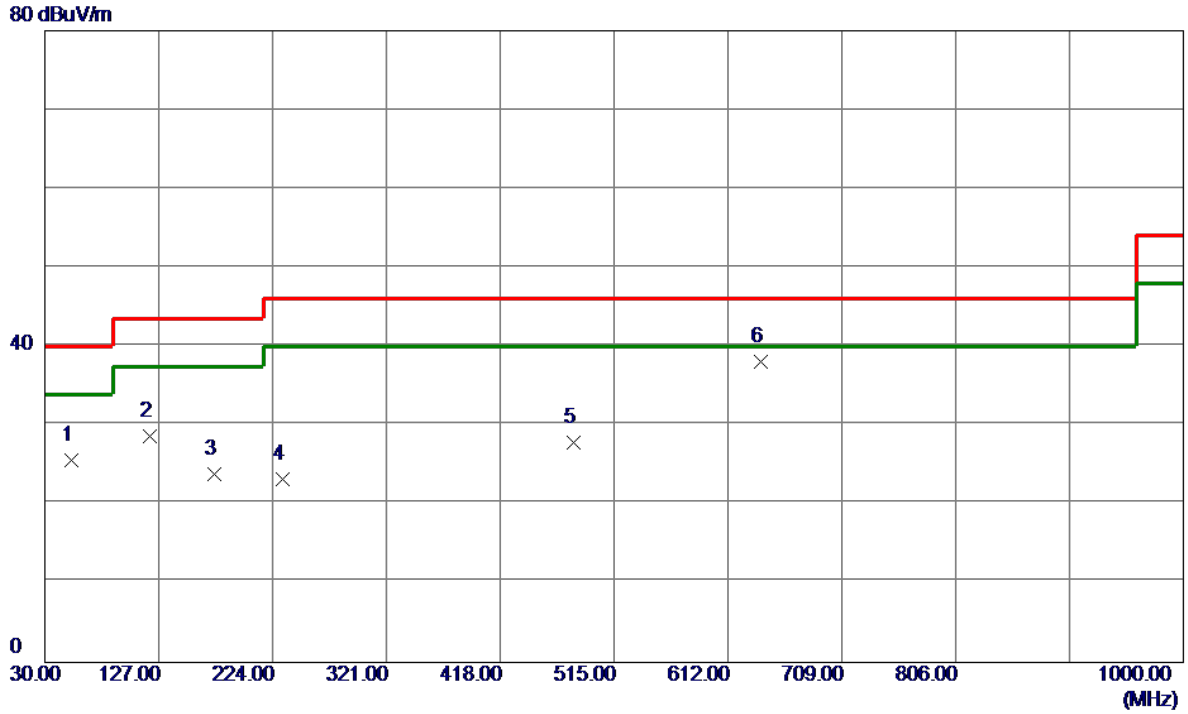


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.4661	45.63	12.09	57.72	94.23	-36.51	AVG			
2	*	2.0550	38.64	11.28	49.92	69.54	-19.62	QP			
3		3.4174	35.53	10.87	46.40	69.54	-23.14	QP			

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

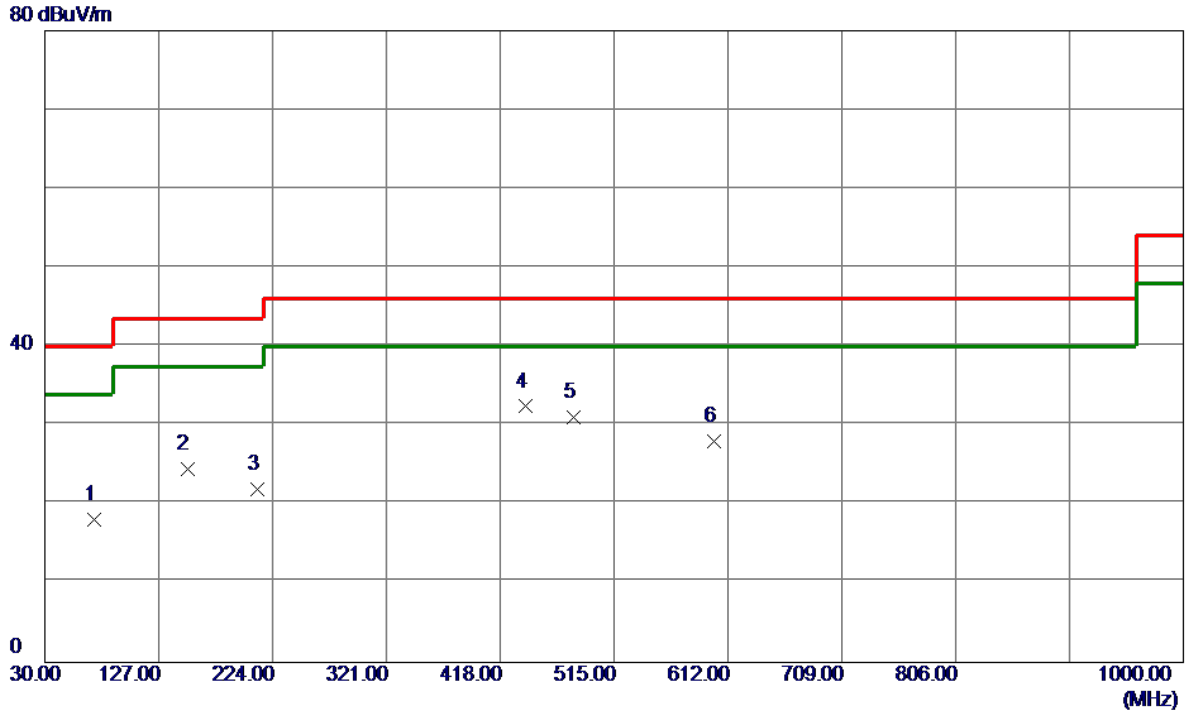
Test Mode	TX vht20 Mode Channel 06	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	52.3100	39.43	-13.86	25.57	40.00	-14.43	Peak	
2	119.2400	42.89	-14.22	28.67	43.50	-14.83	Peak	
3	174.5300	36.97	-13.06	23.91	43.50	-19.59	Peak	
4	232.2450	37.03	-13.81	23.22	46.00	-22.78	Peak	
5	480.0800	34.76	-6.89	27.87	46.00	-18.13	Peak	
6 *	640.1300	41.99	-3.90	38.09	46.00	-7.91	Peak	

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

Test Mode	TX vht20 Mode Channel 06	Polarization	Horizontal

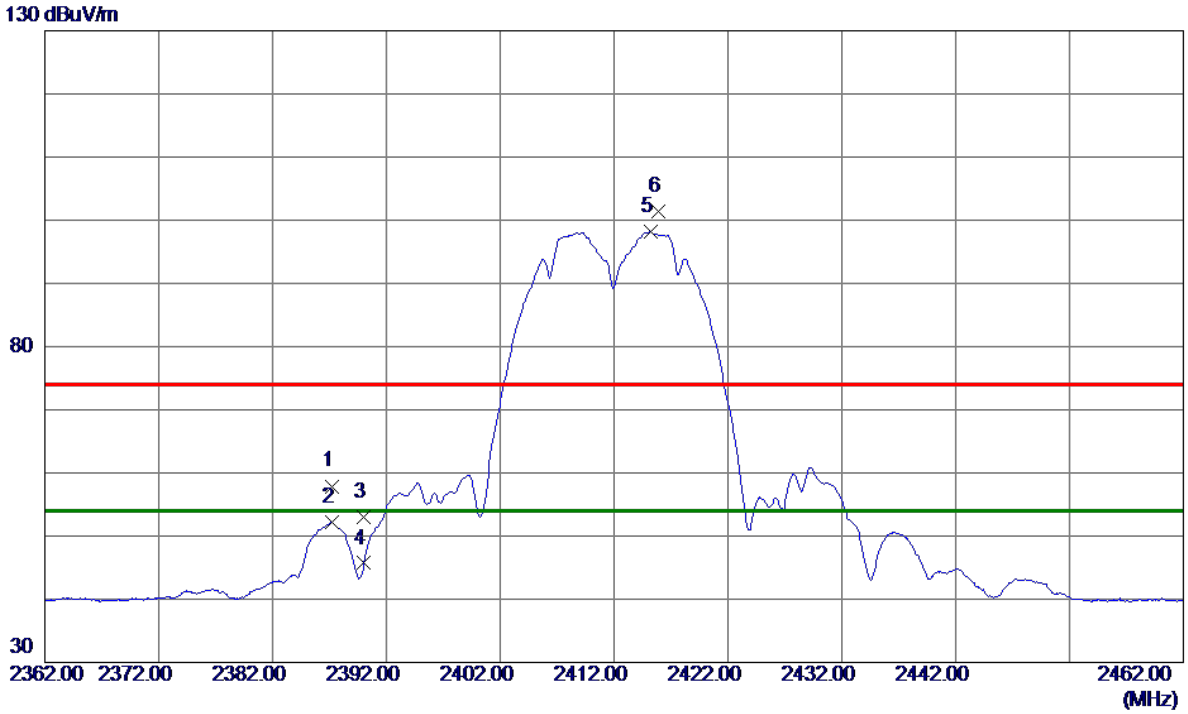


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	71.7100	34.68	-16.59	18.09	40.00	-21.91	Peak	
2	151.2500	37.08	-12.59	24.49	43.50	-19.01	Peak	
3	210.9050	37.14	-15.19	21.95	43.50	-21.55	Peak	
4 *	439.8250	40.08	-7.68	32.40	46.00	-13.60	Peak	
5	480.0800	37.90	-6.89	31.01	46.00	-14.99	Peak	
6	599.8750	32.51	-4.55	27.96	46.00	-18.04	Peak	

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

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

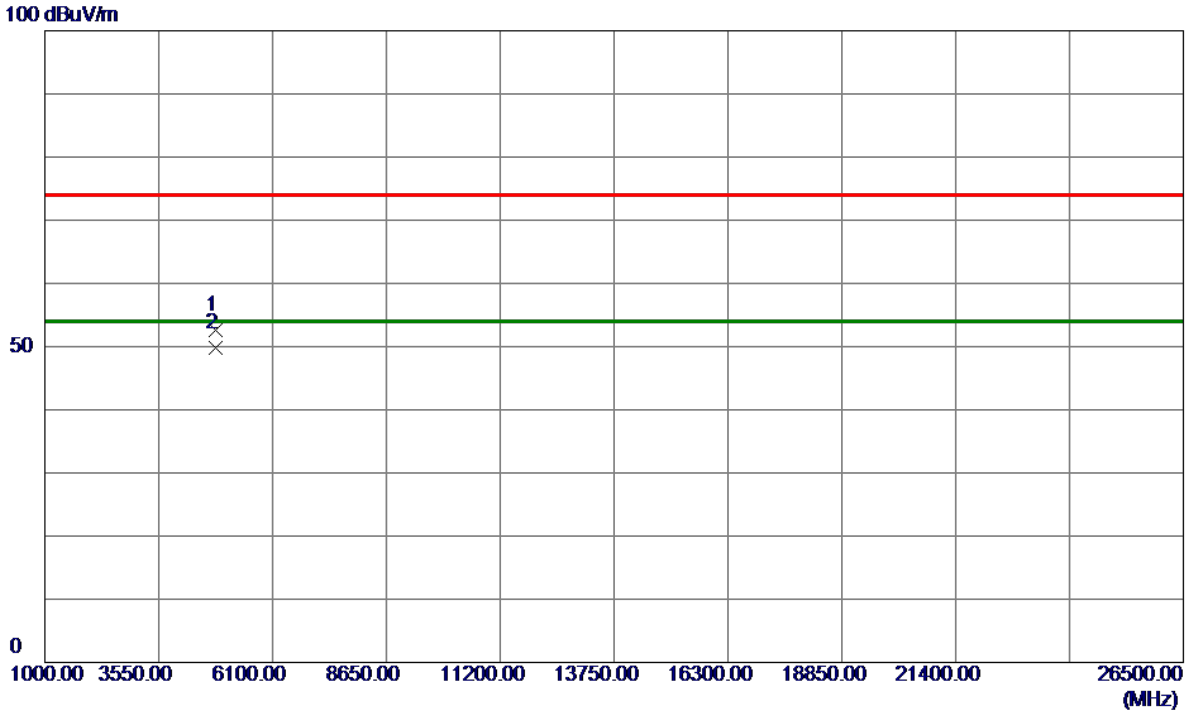
Test Mode	TX B Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.2000	46.80	11.10	57.90	74.00	-16.10	Peak	
2	2387.2000	41.05	11.10	52.15	54.00	-1.85	AVG	
3	2390.0000	41.87	11.10	52.97	74.00	-21.03	Peak	
4	2390.0000	34.60	11.10	45.70	54.00	-8.30	AVG	
5 *	2415.2000	87.00	11.12	98.12	54.00	44.12	AVG	No Limit
6	2415.8500	90.33	11.12	101.45	74.00	27.45	Peak	No Limit

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

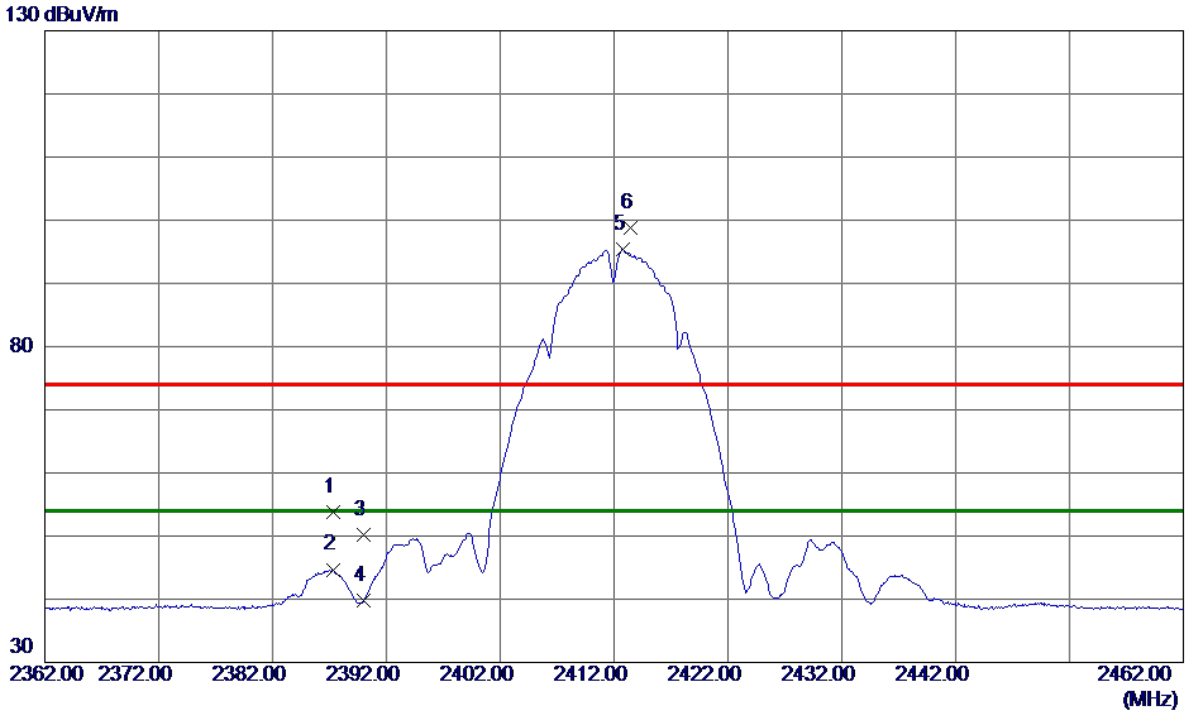
Test Mode	TX B Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.7830	44.56	8.01	52.57	74.00	-21.43	Peak	
2 *	4824.0120	41.75	8.01	49.76	54.00	-4.24	AVG	

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

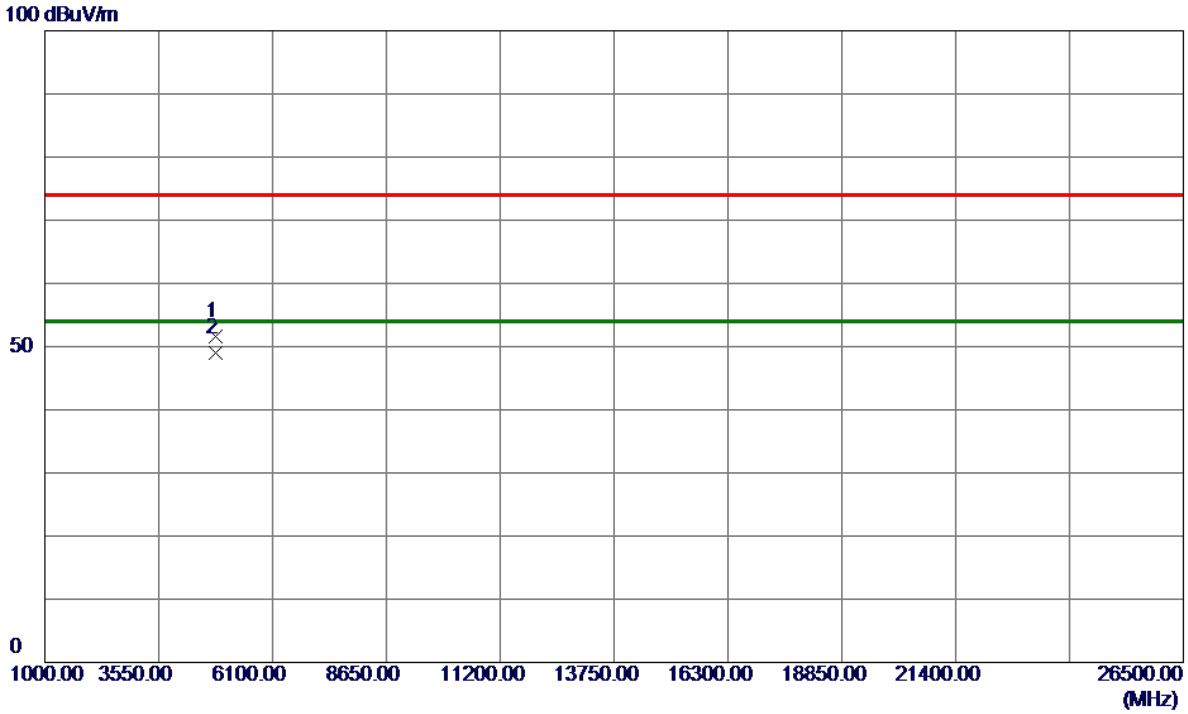
Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.3500	42.65	11.10	53.75	74.00	-20.25	Peak	
2	2387.3500	33.60	11.10	44.70	54.00	-9.30	AVG	
3	2390.0000	39.16	11.10	50.26	74.00	-23.74	Peak	
4	2390.0000	28.75	11.10	39.85	54.00	-14.15	AVG	
5 *	2412.7500	84.27	11.12	95.39	54.00	41.39	AVG	No Limit
6	2413.4000	87.70	11.12	98.82	74.00	24.82	Peak	No Limit

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

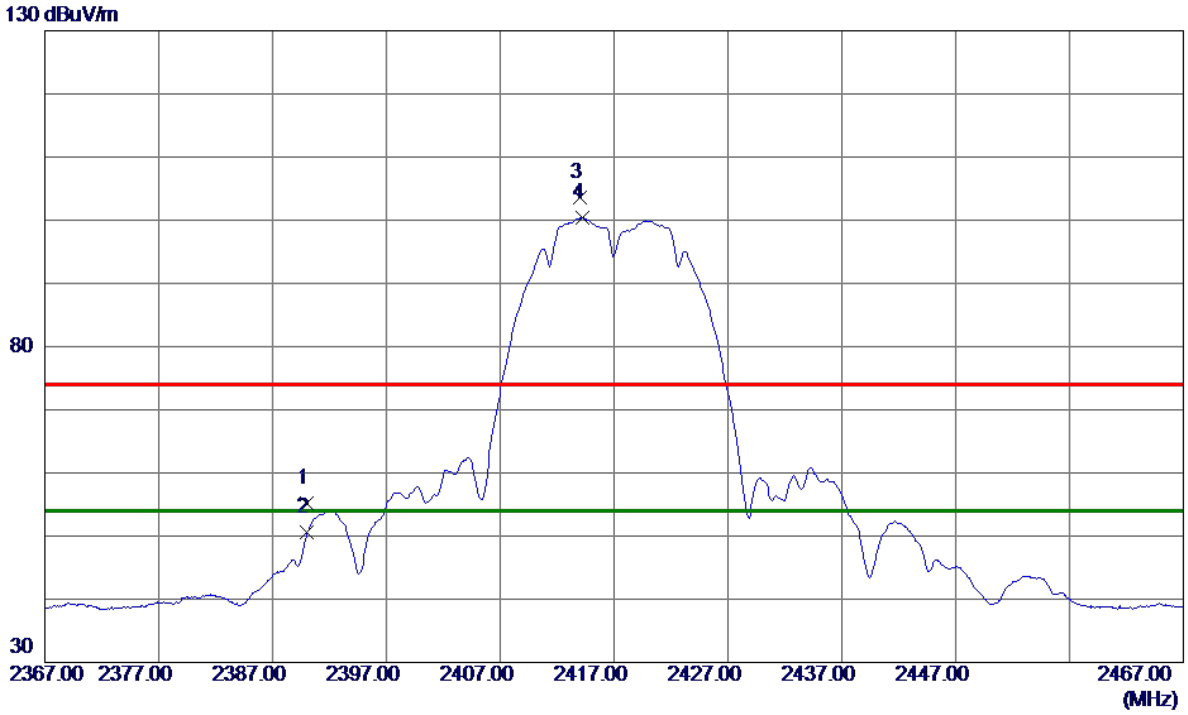
Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.7250	43.61	8.01	51.62	74.00	-22.38	Peak	
2 *	4823.9650	40.90	8.01	48.91	54.00	-5.09	AVG	

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

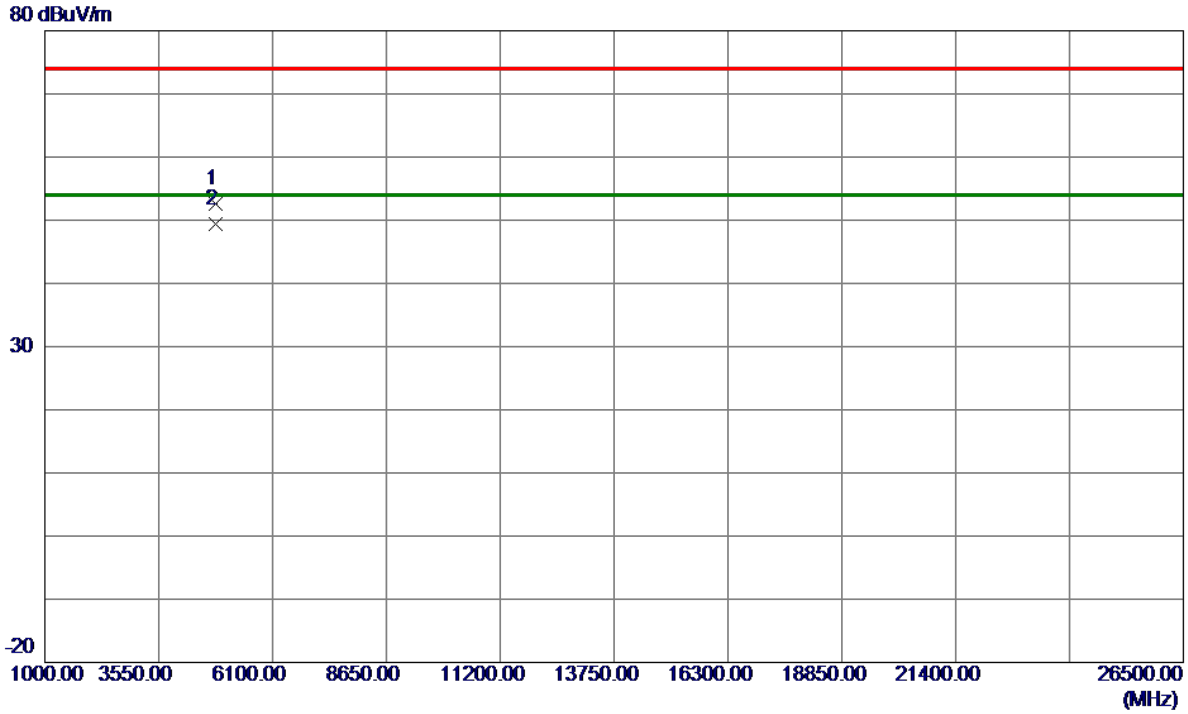
Test Mode	TX B Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	45.19	9.98	55.17	74.00	-18.83	Peak	
2	2390.0000	40.56	9.98	50.54	54.00	-3.46	AVG	
3	2414.0500	93.54	9.99	103.53	74.00	29.53	Peak	No Limit
4 *	2414.2500	90.47	9.99	100.46	54.00	46.46	AVG	No Limit

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

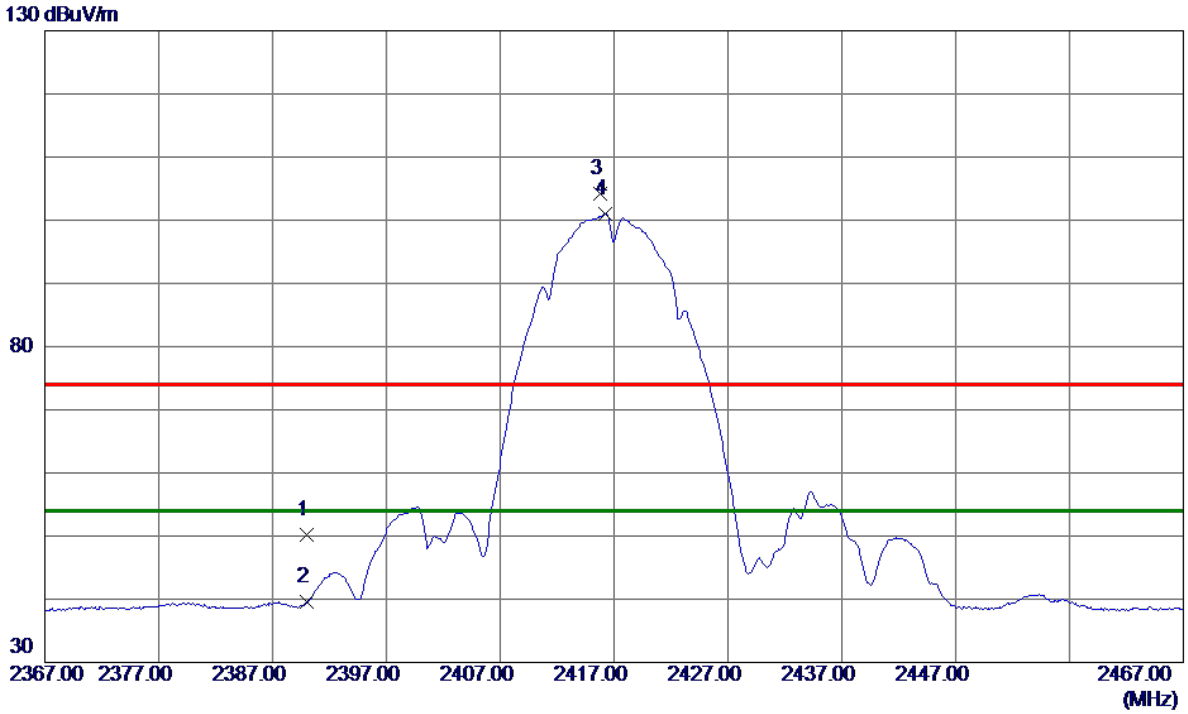
Test Mode	TX B Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4833.8720	46.13	6.43	52.56	74.00	-21.44	Peak	
2 *	4833.9310	43.02	6.43	49.45	54.00	-4.55	AVG	

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

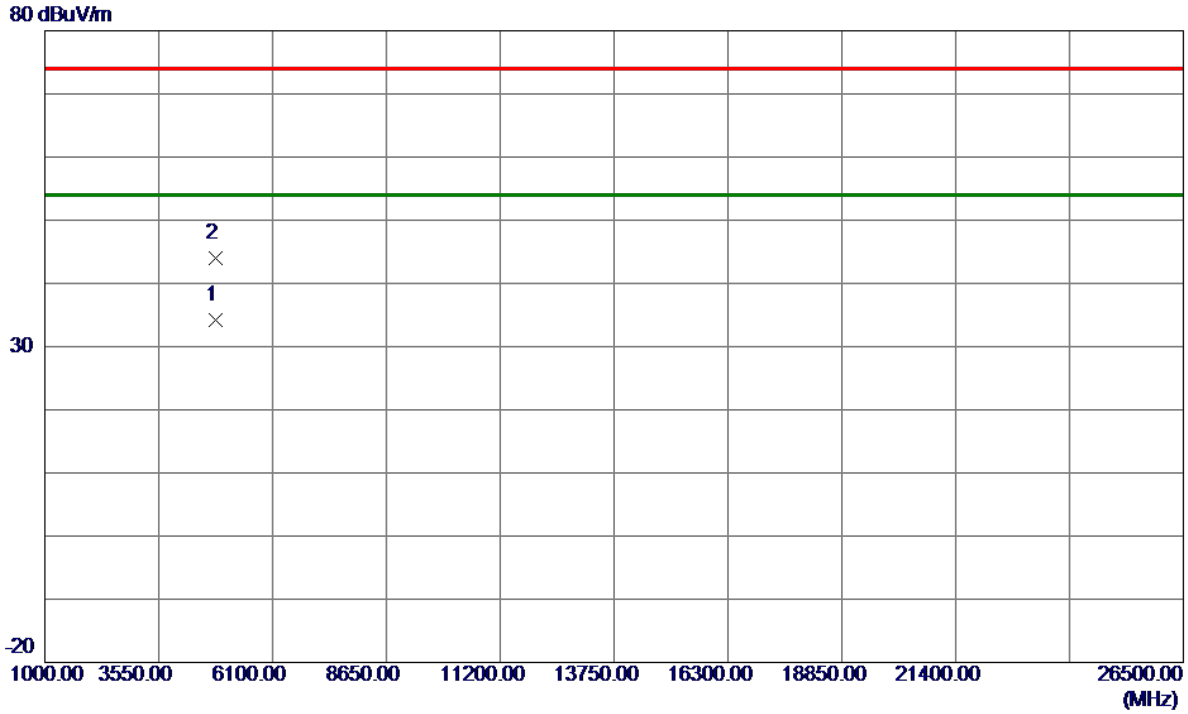
Test Mode	TX B Mode 2417 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	40.17	9.98	50.15	74.00	-23.85	Peak	
2	2390.0000	29.62	9.98	39.60	54.00	-14.40	AVG	
3	2415.8000	94.25	9.99	104.24	74.00	30.24	Peak	No Limit
4 *	2416.2000	91.04	9.99	101.03	54.00	47.03	AVG	No Limit

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

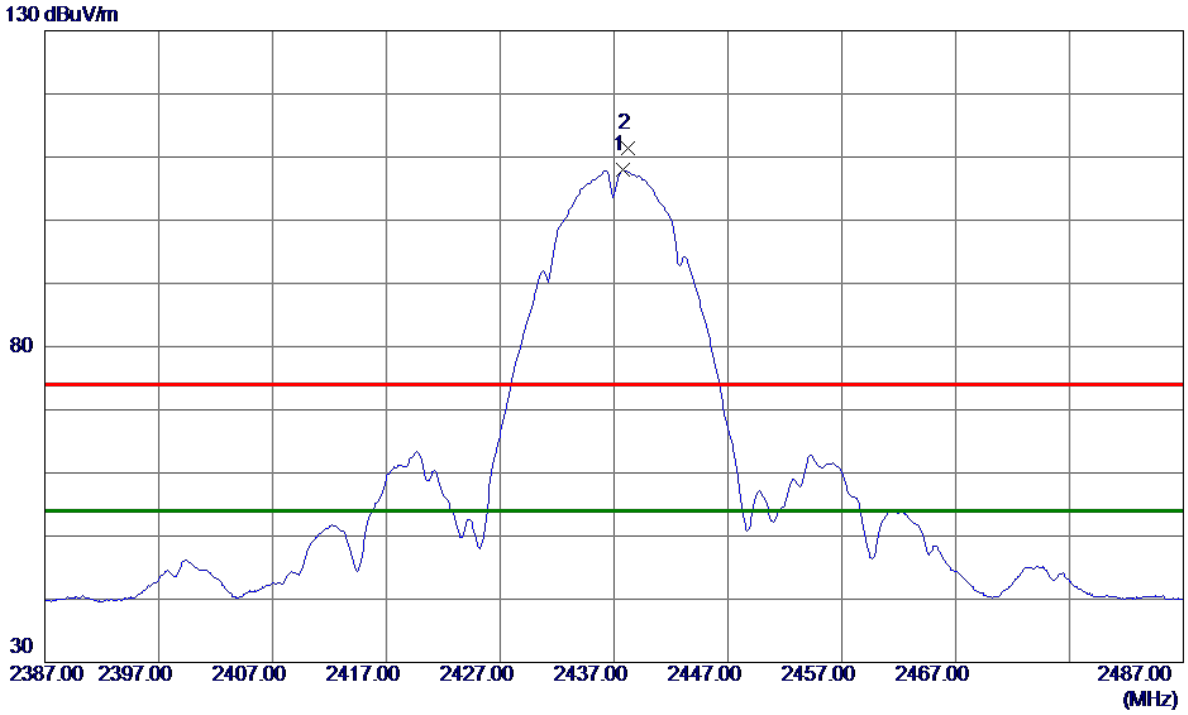
Test Mode	TX B Mode 2417 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4834.0080	27.71	6.43	34.14	54.00	-19.86	AVG	
2	4834.0480	37.49	6.43	43.92	74.00	-30.08	Peak	

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

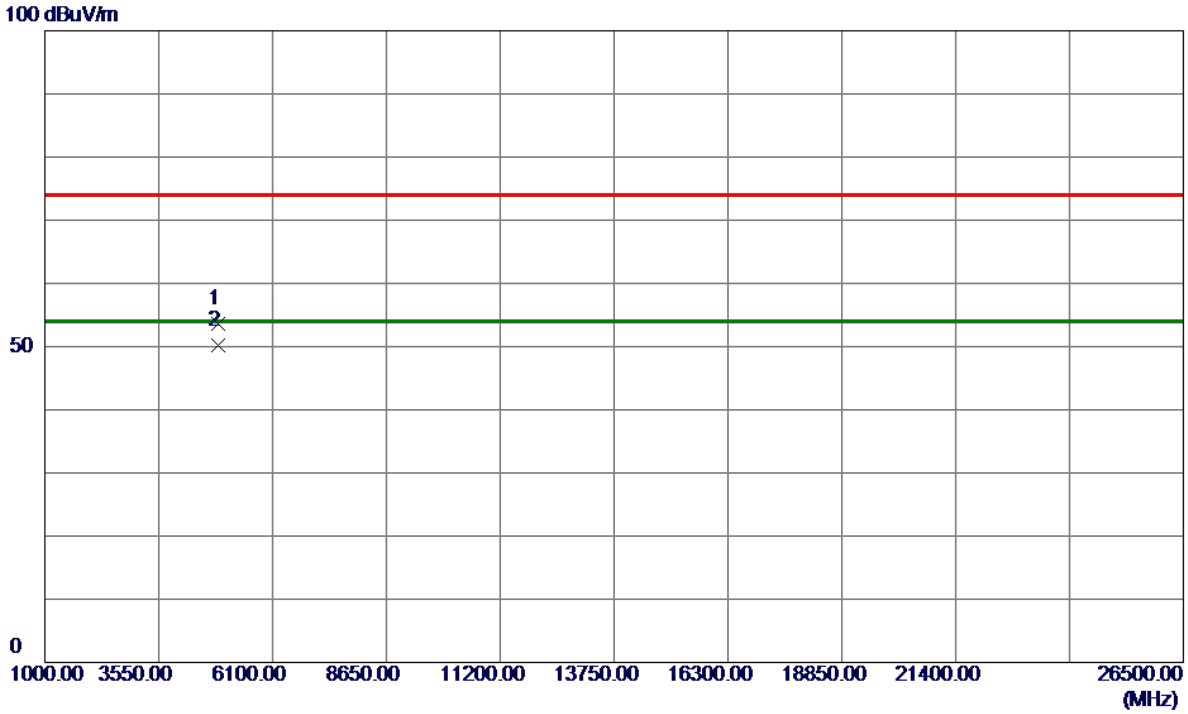
Test Mode	TX B Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2437.8000	96.86	11.13	107.99	54.00	53.99	AVG	No Limit
2	2438.2000	100.19	11.13	111.32	74.00	37.32	Peak	No Limit

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

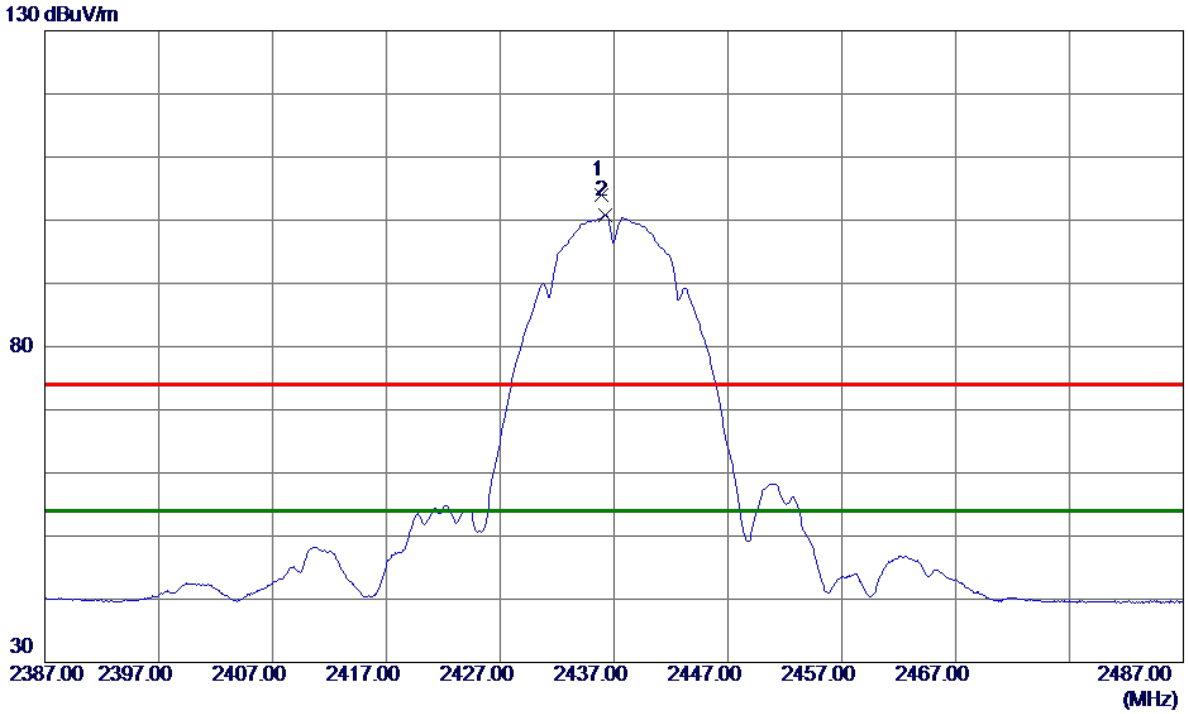
Test Mode	TX B Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.7950	45.37	8.18	53.55	74.00	-20.45	Peak	
2 *	4873.9880	42.03	8.18	50.21	54.00	-3.79	AVG	

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

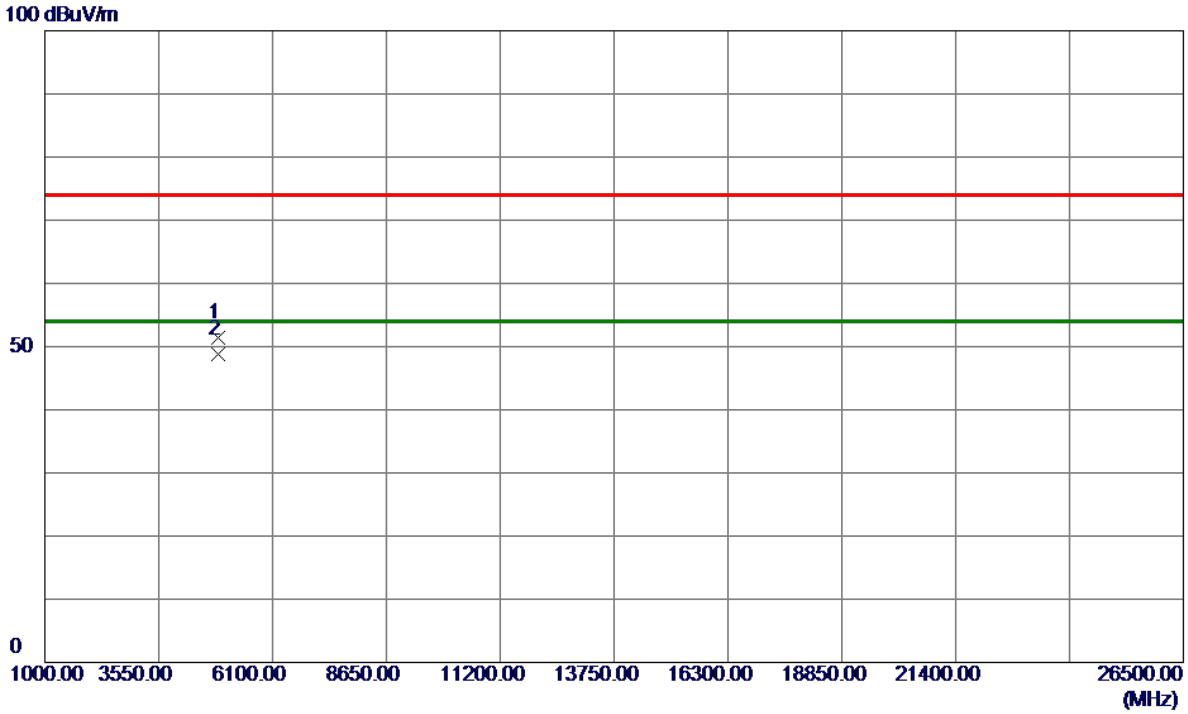
Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2435.8500	92.92	11.13	104.05	74.00	30.05	Peak	No Limit
2 *	2436.2000	89.69	11.13	100.82	54.00	46.82	AVG	No Limit

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

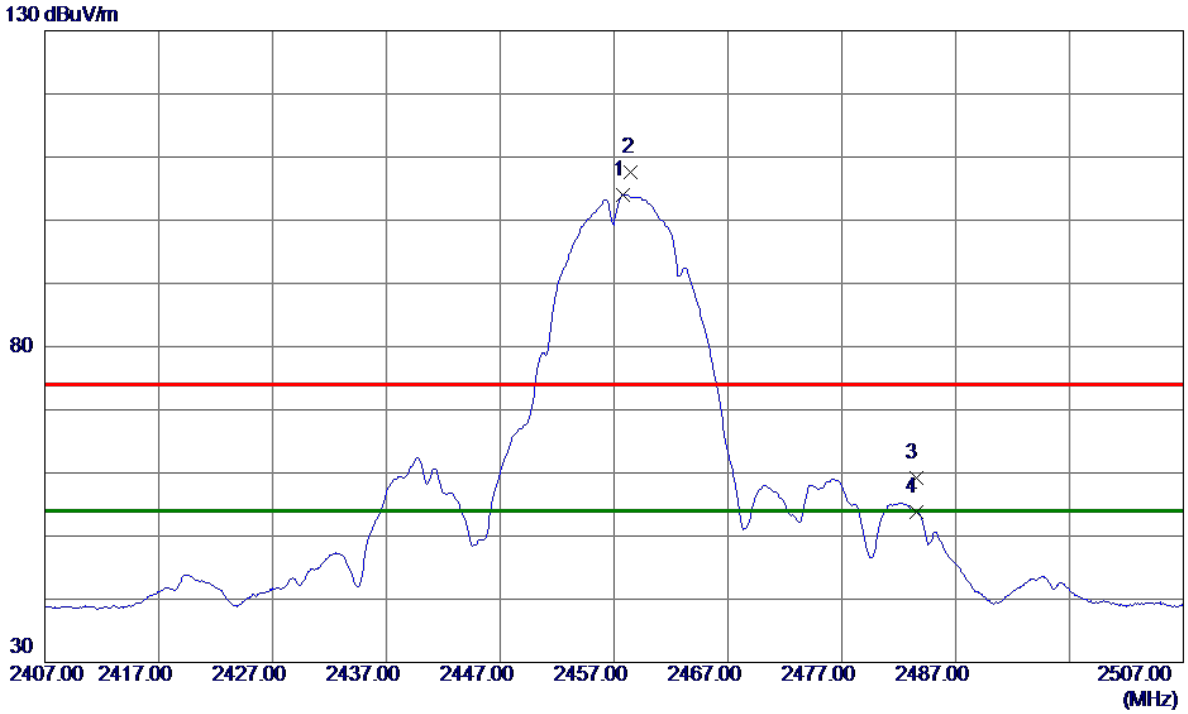
Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9550	43.15	8.18	51.33	74.00	-22.67	Peak	
2 *	4873.9800	40.54	8.18	48.72	54.00	-5.28	AVG	

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

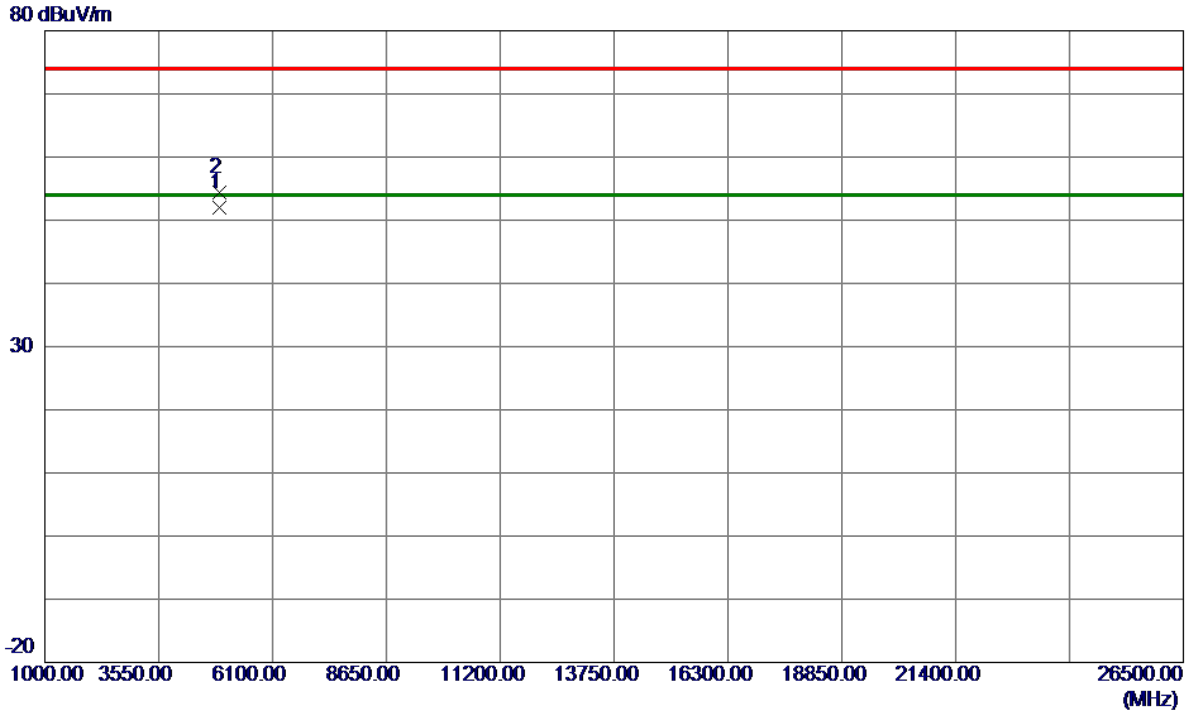
Test Mode	TX B Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2457.7500	94.04	10.00	104.04	54.00	50.04	AVG	No Limit
2	2458.5000	97.61	10.00	107.61	74.00	33.61	Peak	No Limit
3	2483.5000	49.15	10.01	59.16	74.00	-14.84	Peak	
4	2483.5000	43.71	10.01	53.72	54.00	-0.28	AVG	

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

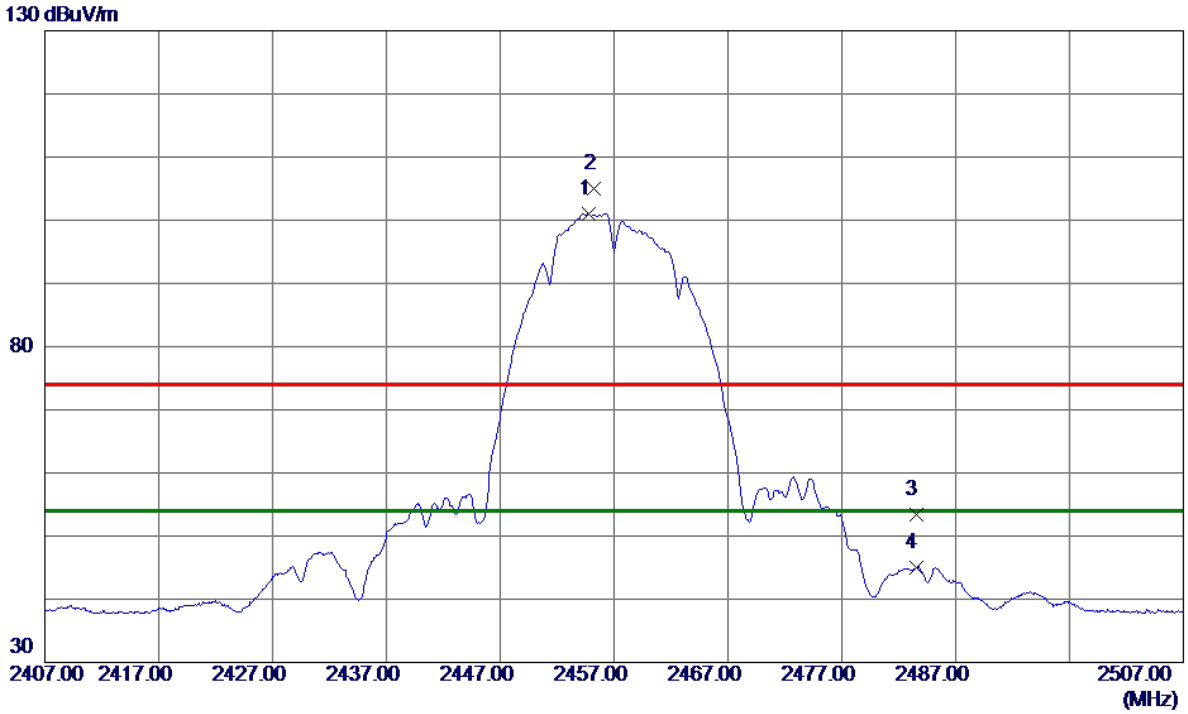
Test Mode	TX B Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4913.9490	45.34	6.69	52.03	54.00	-1.97	AVG	
2	4913.9550	47.74	6.69	54.43	74.00	-19.57	Peak	

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

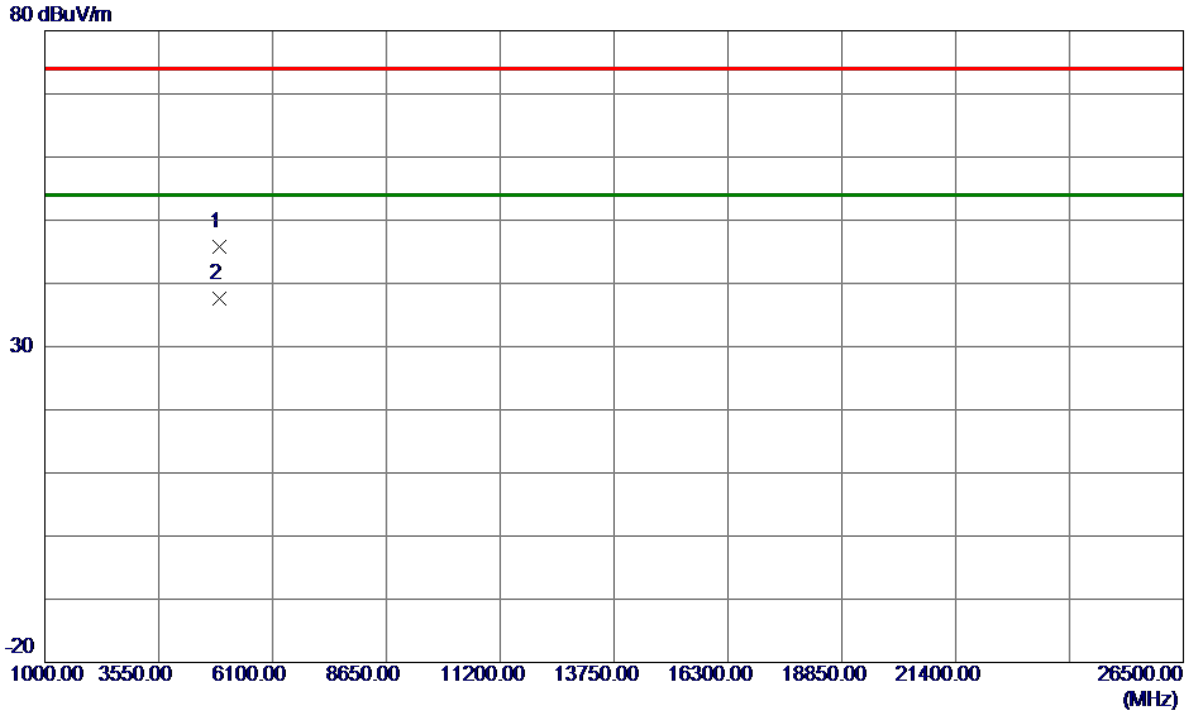
Test Mode	TX B Mode 2457 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2454.7500	91.05	10.00	101.05	54.00	47.05	AVG	No Limit
2	2455.2500	95.06	10.00	105.06	74.00	31.06	Peak	No Limit
3	2483.5000	43.40	10.01	53.41	74.00	-20.59	Peak	
4	2483.5000	34.91	10.01	44.92	54.00	-9.08	AVG	

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

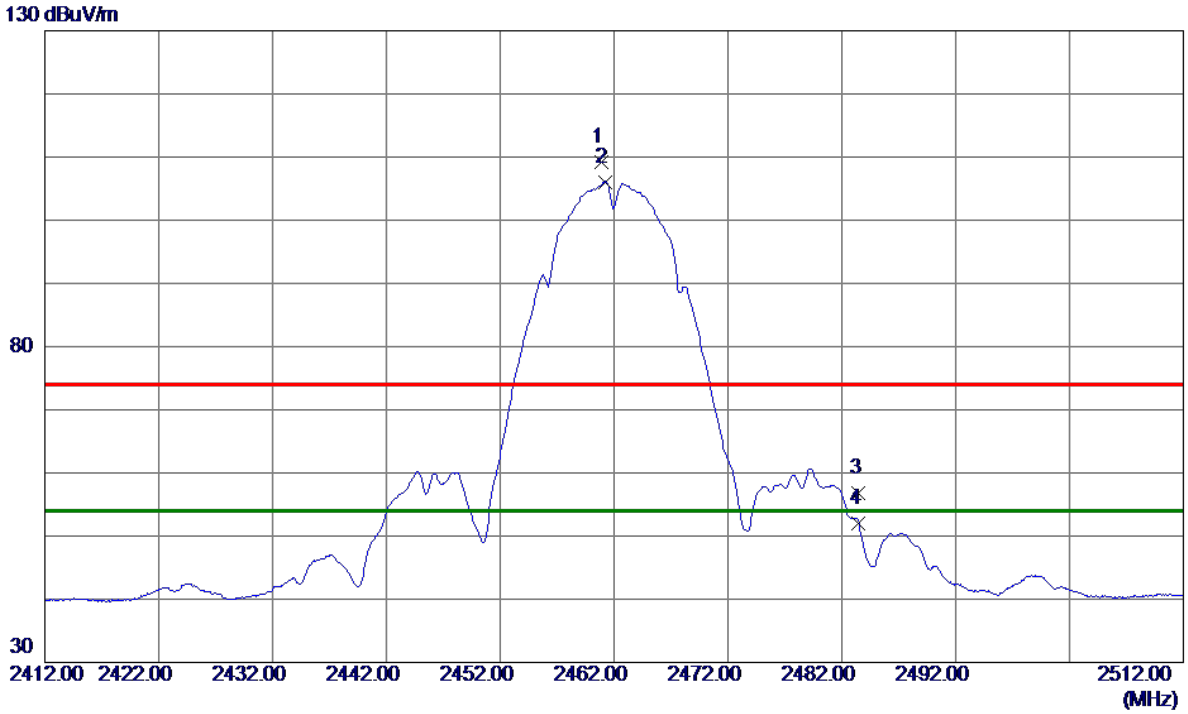
Test Mode	TX B Mode 2457 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4913.8470	39.16	6.69	45.85	74.00	-28.15	Peak	
2 *	4914.0360	30.97	6.69	37.66	54.00	-16.34	AVG	

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

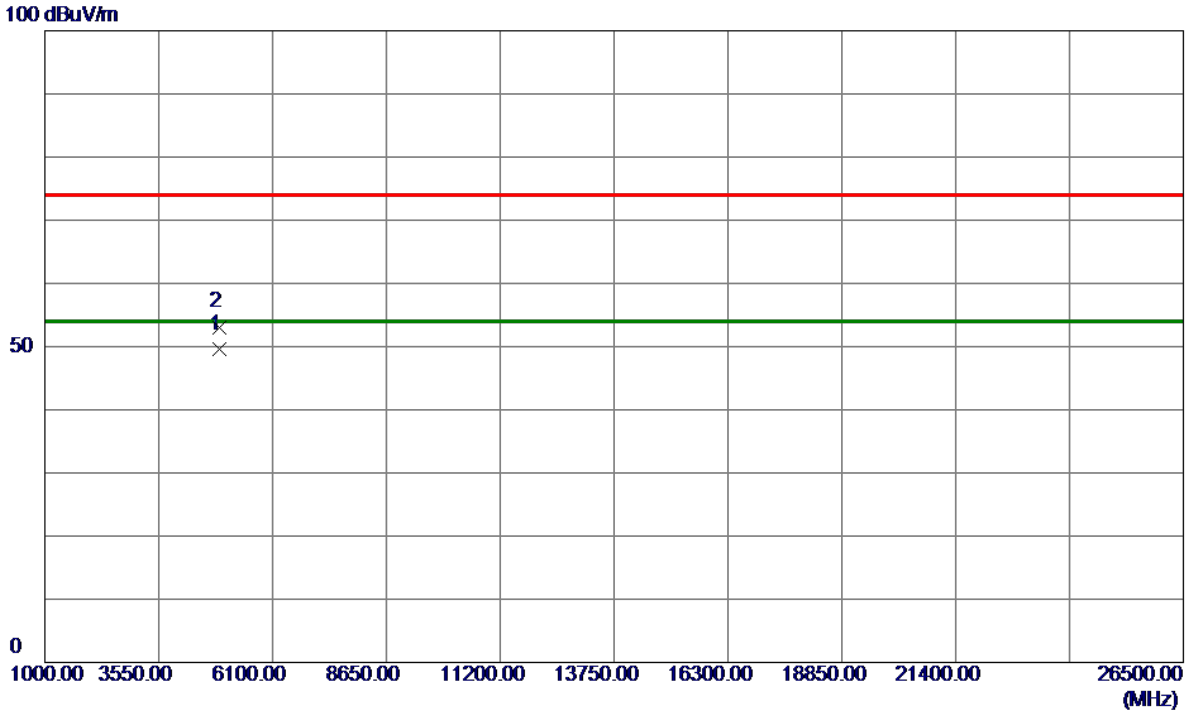
Test Mode	TX B Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2460.9000	98.01	11.15	109.16	74.00	35.16	Peak	No Limit
2 *	2461.2000	94.95	11.15	106.10	54.00	52.10	AVG	No Limit
3	2483.5000	45.69	11.16	56.85	74.00	-17.15	Peak	
4	2483.5000	40.87	11.16	52.03	54.00	-1.97	AVG	

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

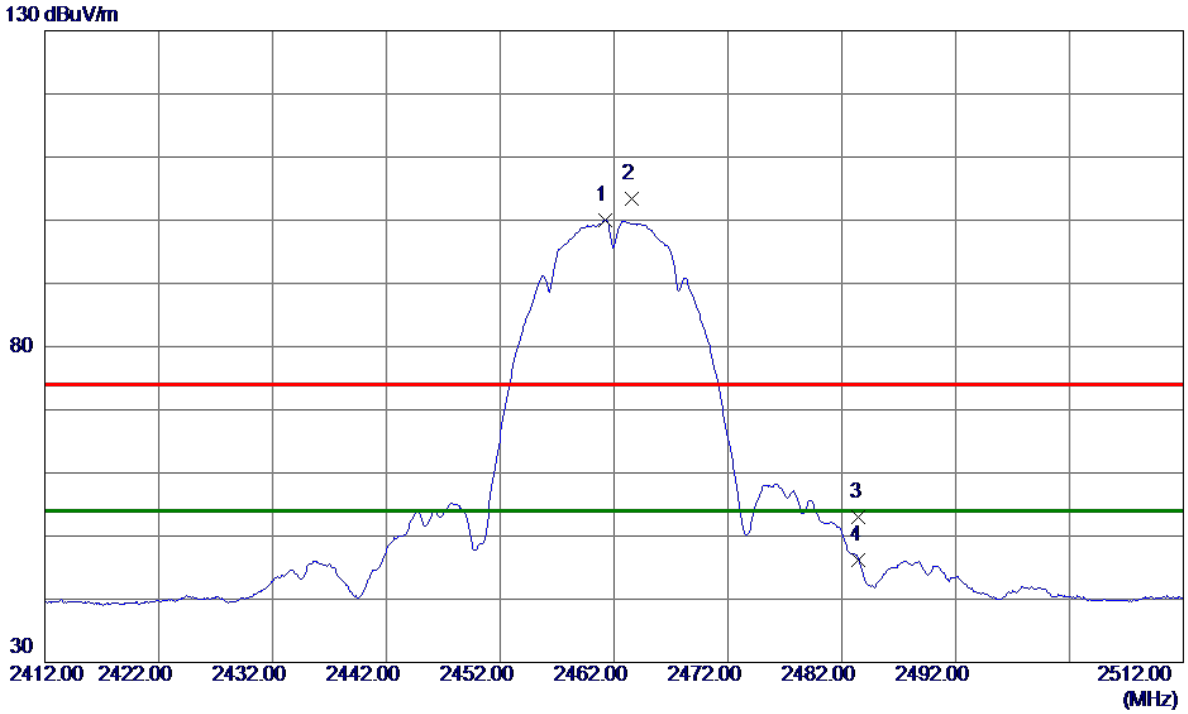
Test Mode	TX B Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.9830	41.22	8.34	49.56	54.00	-4.44	AVG	
2	4924.0050	44.76	8.34	53.10	74.00	-20.90	Peak	

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

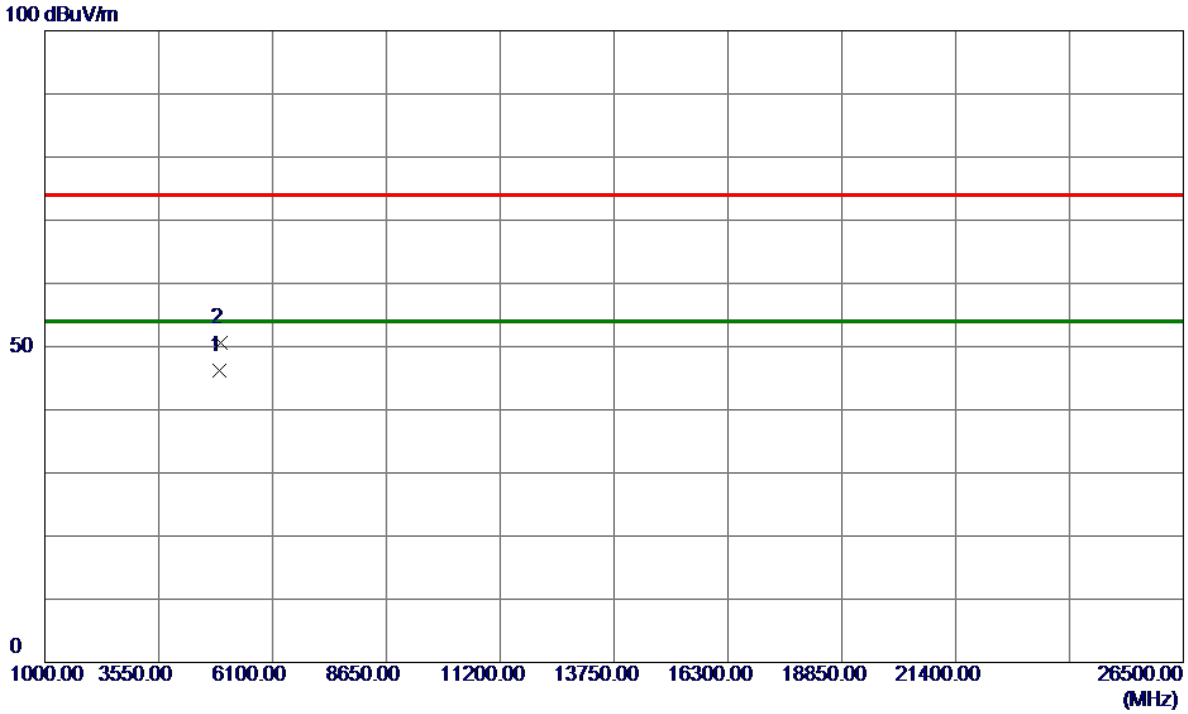
Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2461.2000	88.81	11.15	99.96	54.00	45.96	AVG	No Limit
2	2463.5500	92.21	11.15	103.36	74.00	29.36	Peak	No Limit
3	2483.5000	41.93	11.16	53.09	74.00	-20.91	Peak	
4	2483.5000	35.13	11.16	46.29	54.00	-7.71	AVG	

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

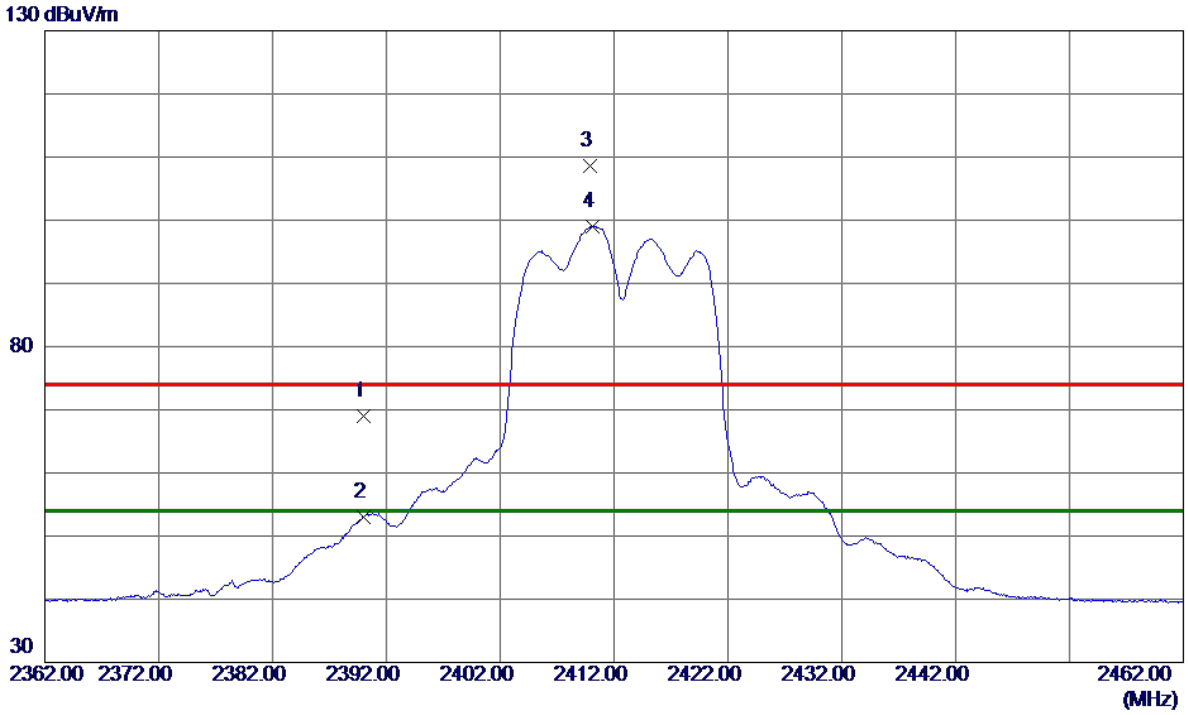
Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0099	37.83	8.34	46.17	54.00	-7.83	AVG	
2	4924.2000	42.35	8.34	50.69	74.00	-23.31	Peak	

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

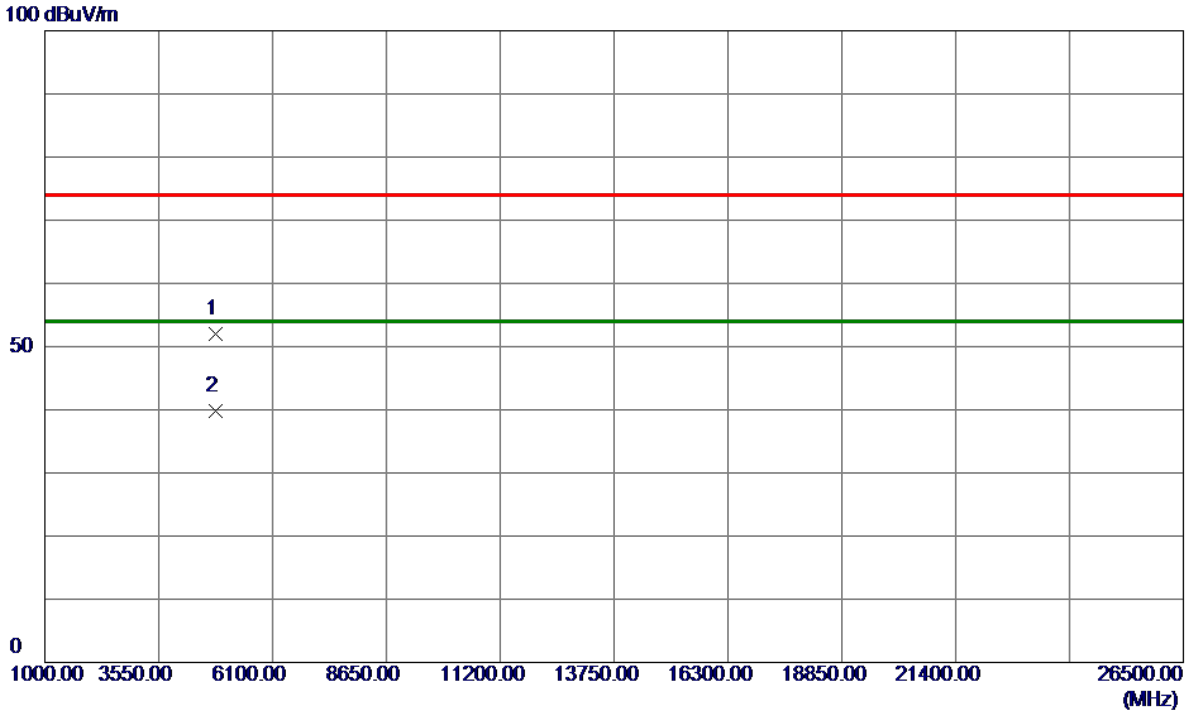
Test Mode	TX G Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	57.85	11.10	68.95	74.00	-5.05	Peak	
2	2390.0000	41.98	11.10	53.08	54.00	-0.92	AVG	
3	2409.8500	97.53	11.12	108.65	74.00	34.65	Peak	No Limit
4 *	2410.1000	87.95	11.12	99.07	54.00	45.07	AVG	No Limit

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

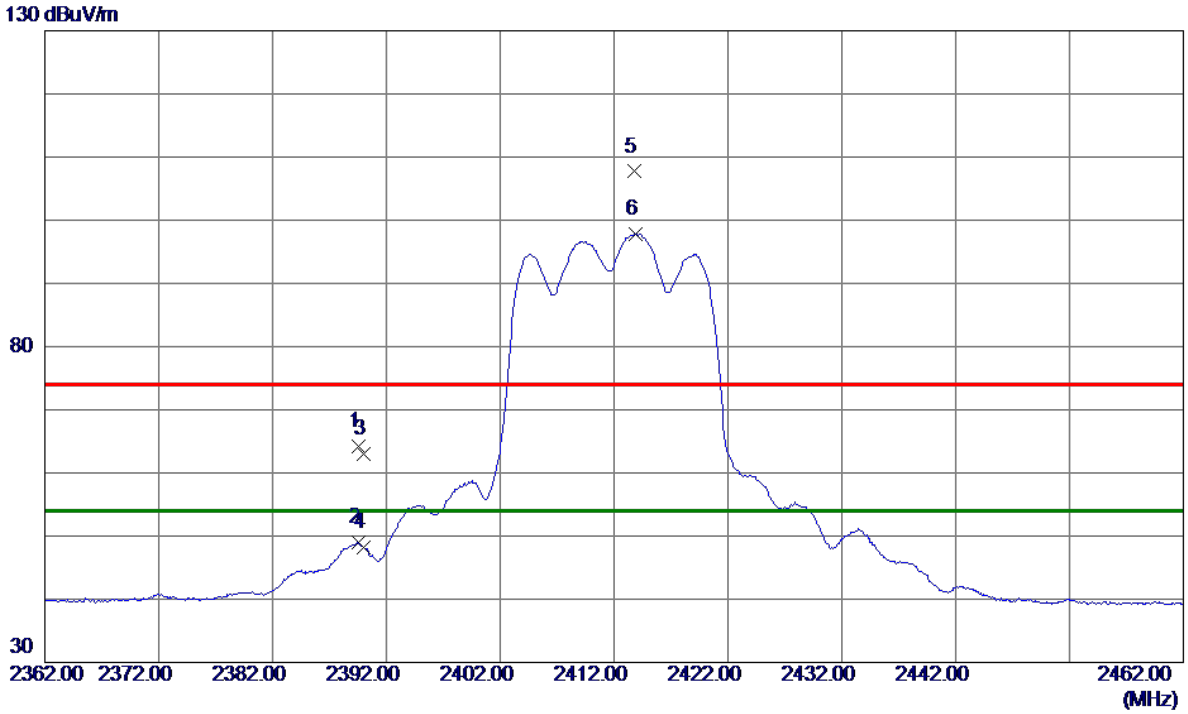
Test Mode	TX G Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4825.7550	43.90	8.02	51.92	74.00	-22.08	Peak	
2 *	4825.8900	31.81	8.02	39.83	54.00	-14.17	AVG	

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

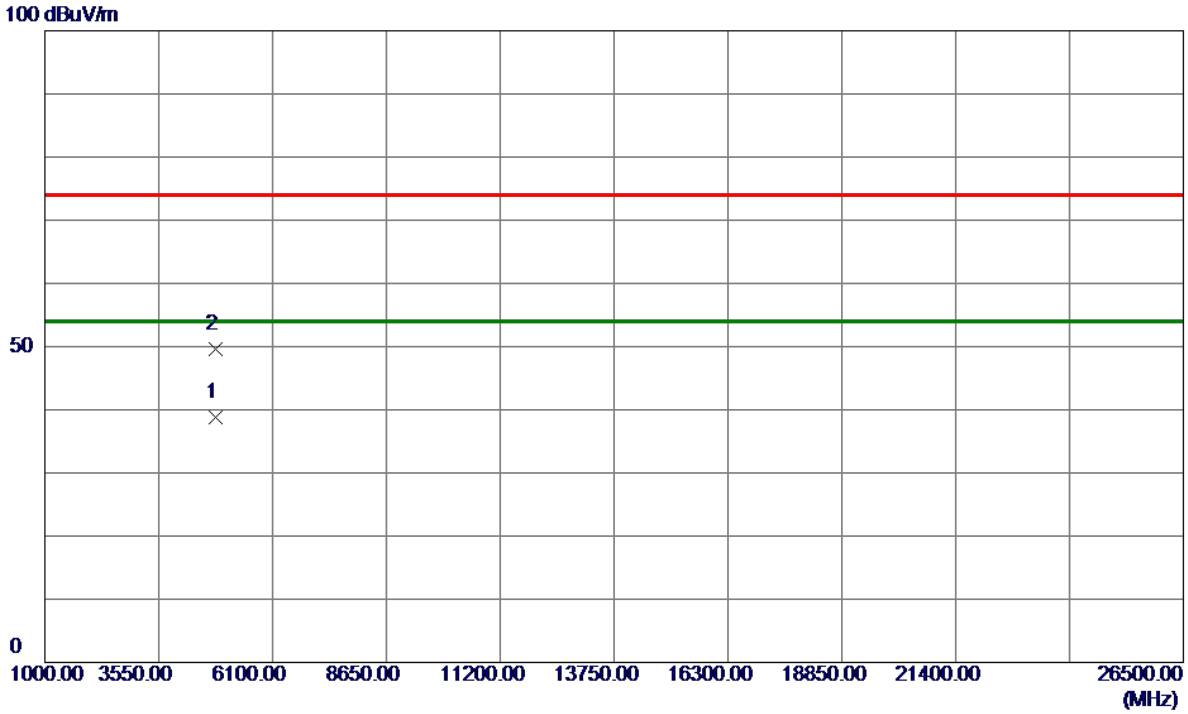
Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.5500	53.17	11.10	64.27	74.00	-9.73	Peak	
2	2389.5500	37.84	11.10	48.94	54.00	-5.06	AVG	
3	2390.0000	51.82	11.10	62.92	74.00	-11.08	Peak	
4	2390.0000	37.08	11.10	48.18	54.00	-5.82	AVG	
5	2413.7500	96.58	11.12	107.70	74.00	33.70	Peak	No Limit
6 *	2413.8500	86.75	11.12	97.87	54.00	43.87	AVG	No Limit

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

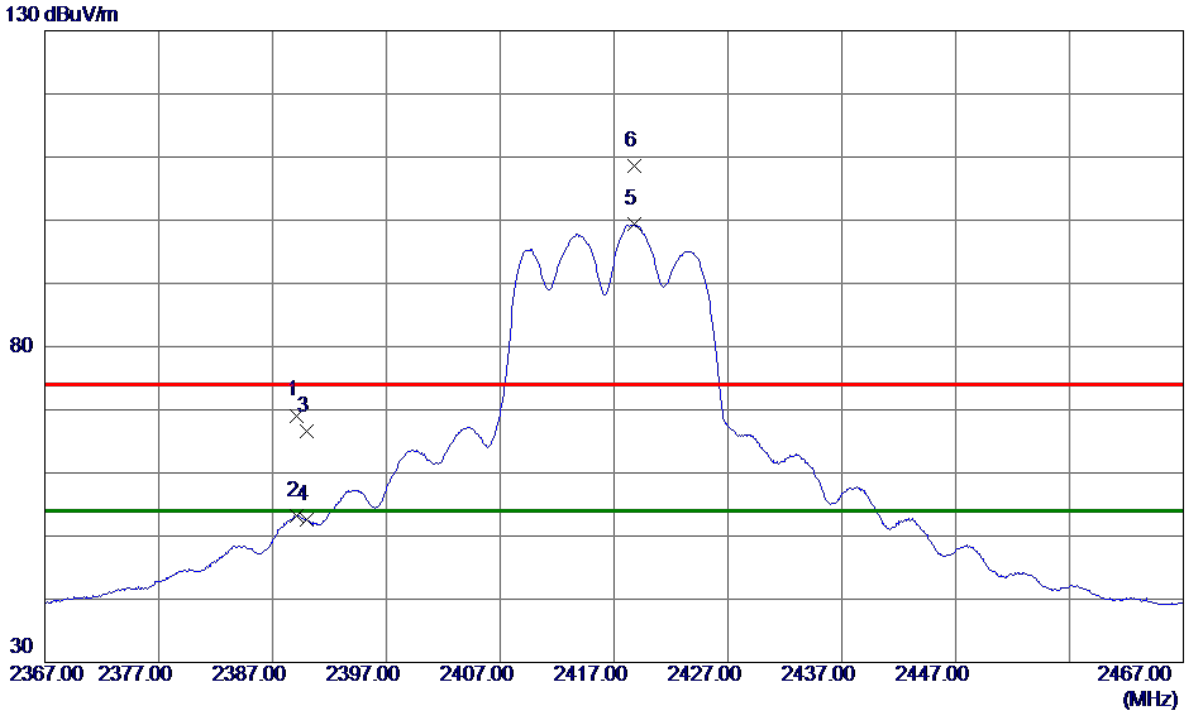
Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4825.8450	30.70	8.02	38.72	54.00	-15.28	AVG	
2	4826.3400	41.67	8.02	49.69	74.00	-24.31	Peak	

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

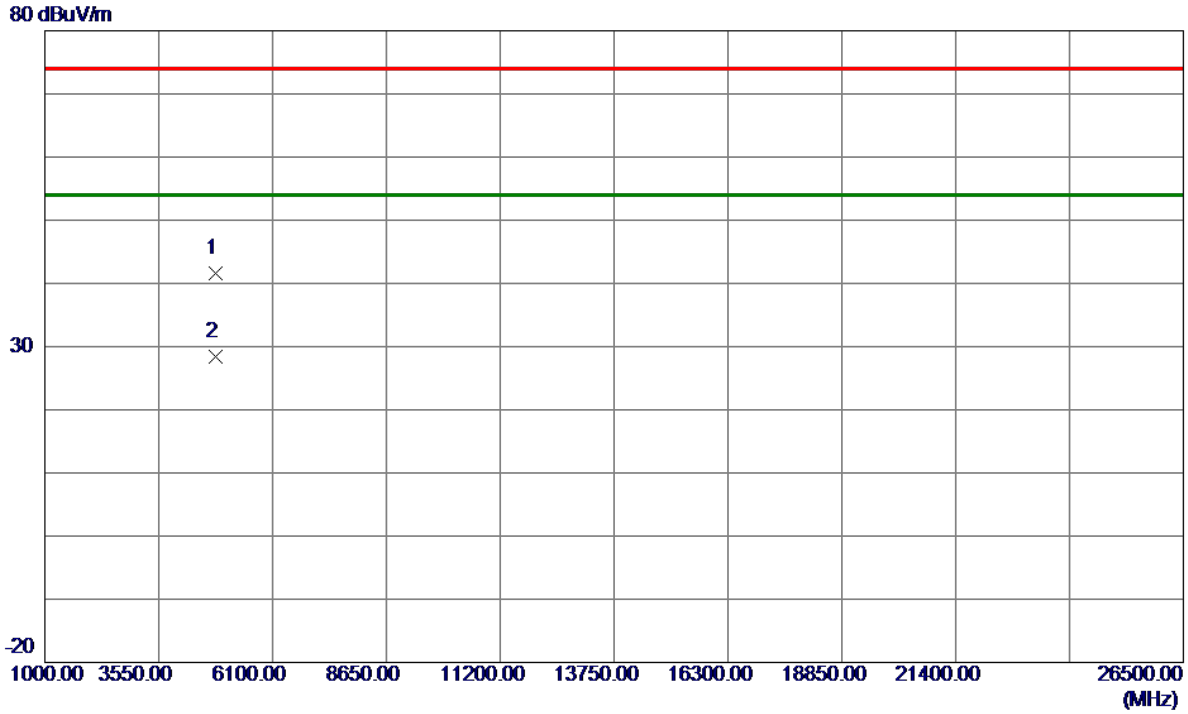
Test Mode	TX G Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.1000	59.12	9.98	69.10	74.00	-4.90	Peak	
2	2389.1000	43.17	9.98	53.15	54.00	-0.85	AVG	
3	2390.0000	56.61	9.98	66.59	74.00	-7.41	Peak	
4	2390.0000	42.59	9.98	52.57	54.00	-1.43	AVG	
5 *	2418.7500	89.40	9.99	99.39	54.00	45.39	AVG	No Limit
6	2418.8000	98.52	9.99	108.51	74.00	34.51	Peak	No Limit

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

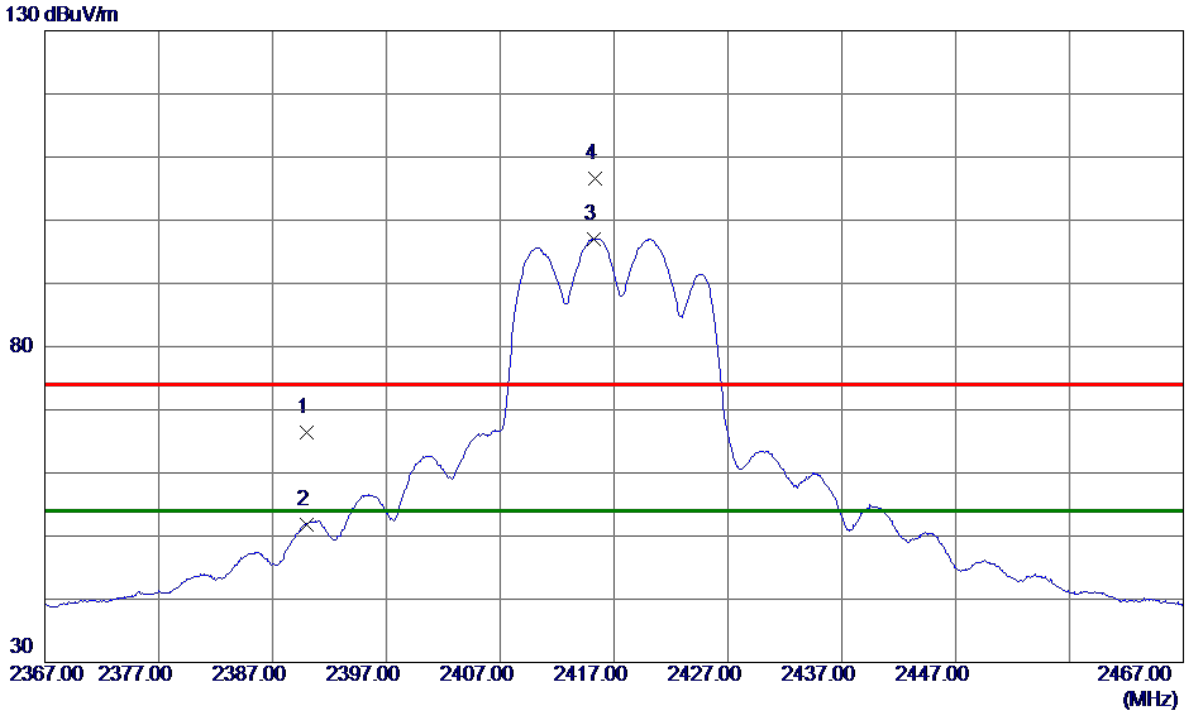
Test Mode	TX G Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4833.1320	35.20	6.43	41.63	74.00	-32.37	Peak	
2 *	4833.1469	21.95	6.43	28.38	54.00	-25.62	AVG	

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

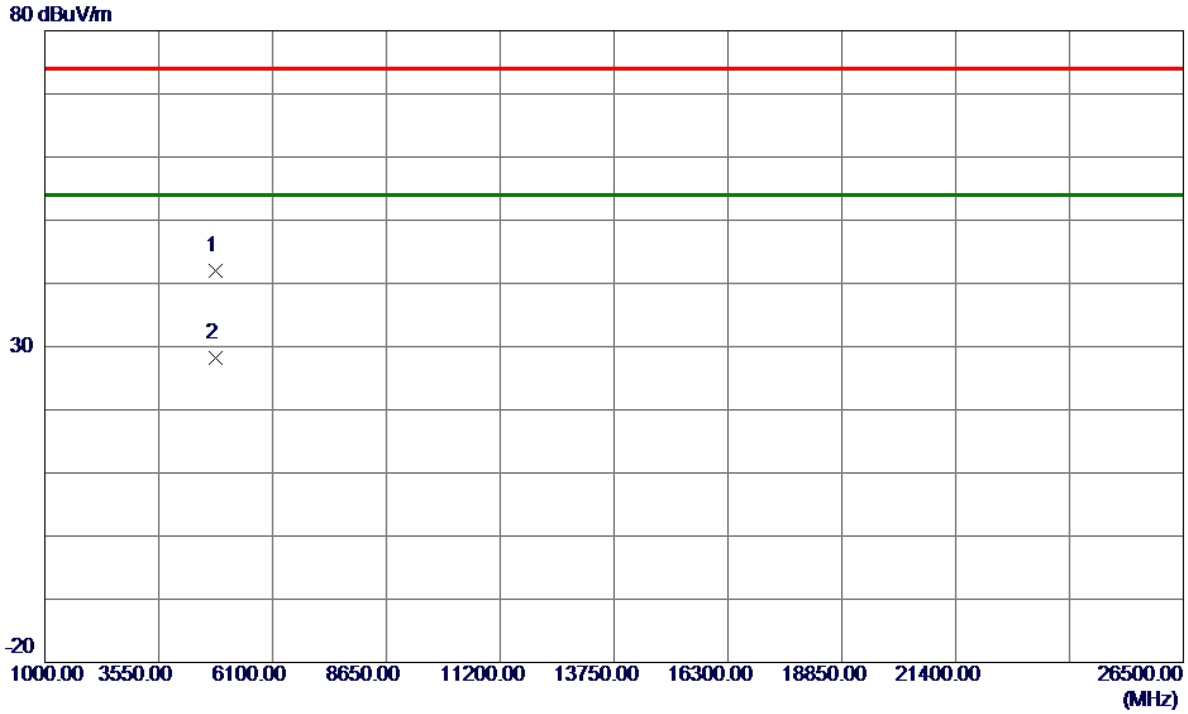
Test Mode	TX G Mode 2417 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	56.42	9.98	66.40	74.00	-7.60	Peak	
2	2390.0000	41.86	9.98	51.84	54.00	-2.16	AVG	
3 *	2415.2000	87.09	9.99	97.08	54.00	43.08	AVG	No Limit
4	2415.3500	96.70	9.99	106.69	74.00	32.69	Peak	No Limit

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

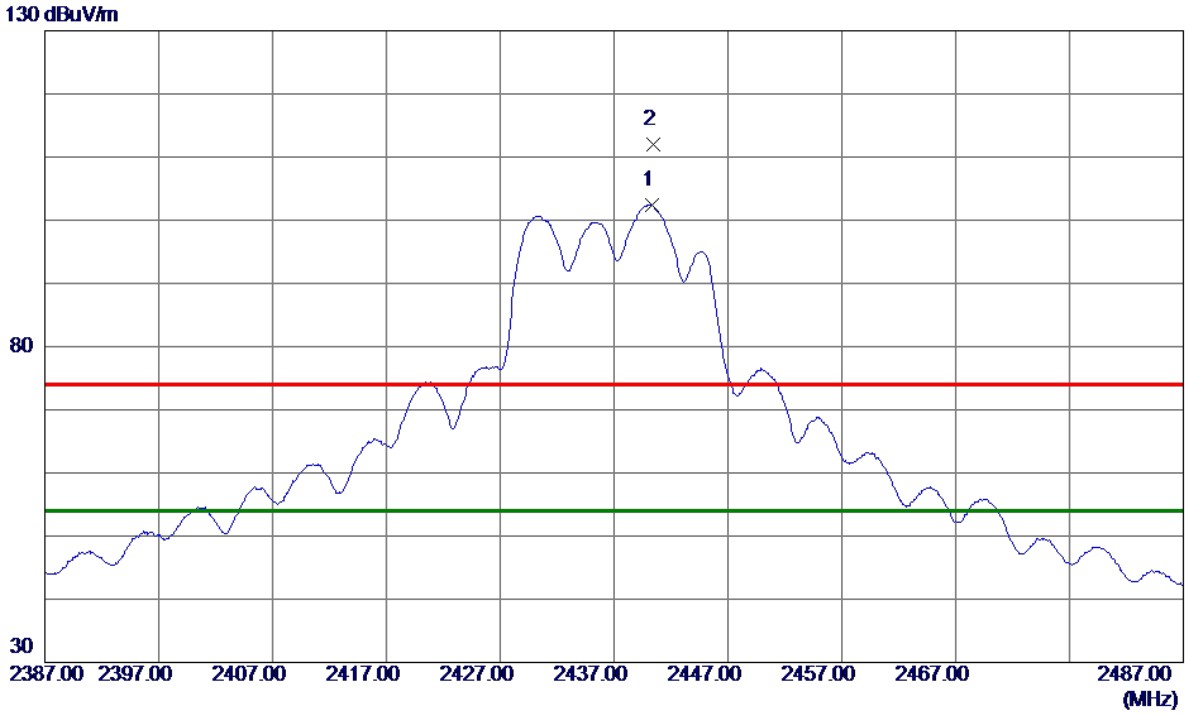
Test Mode	TX G Mode 2417 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4833.0139	35.49	6.43	41.92	74.00	-32.08	Peak	
2 *	4833.5530	21.86	6.43	28.29	54.00	-25.71	AVG	

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

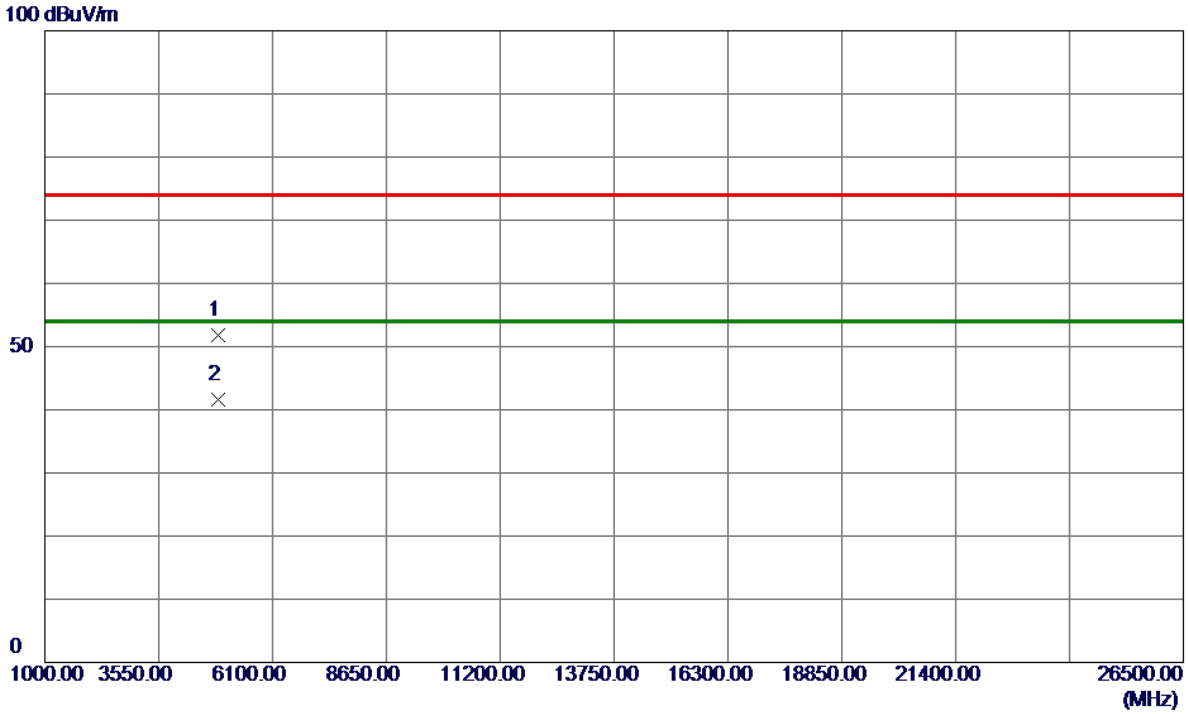
Test Mode	TX G Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2440.3000	91.34	11.13	102.47	54.00	48.47	AVG	No Limit
2	2440.4500	100.82	11.13	111.95	74.00	37.95	Peak	No Limit

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

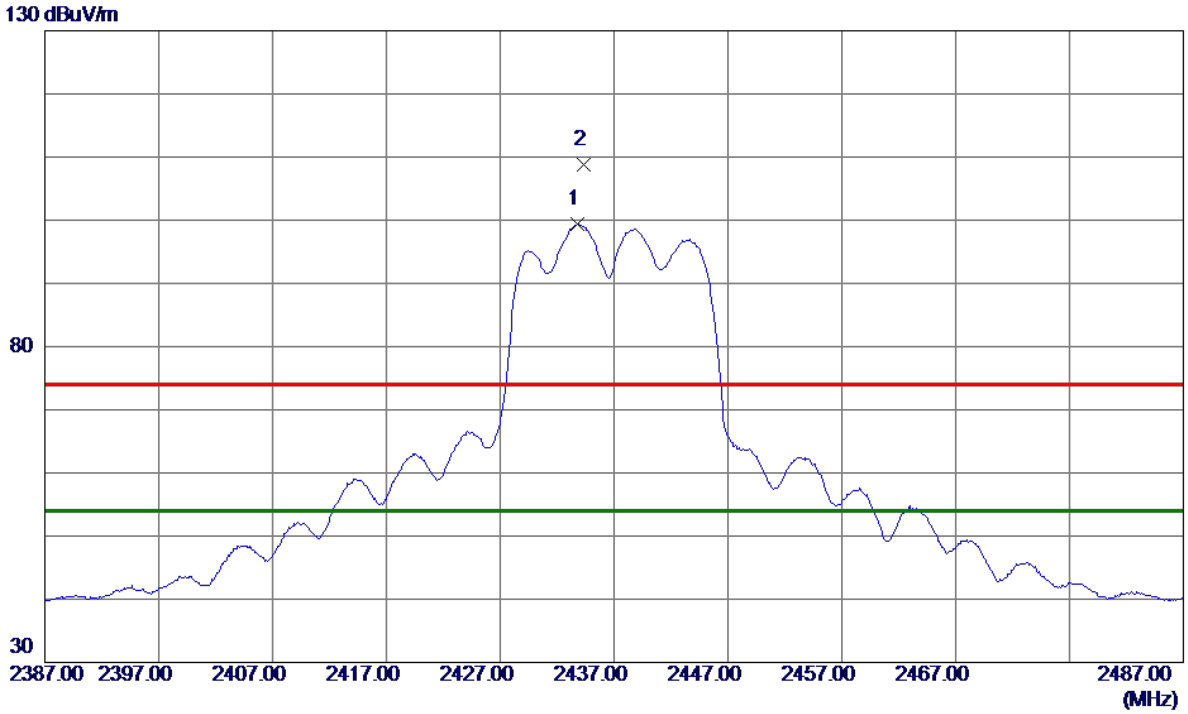
Test Mode	TX G Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.7050	43.68	8.18	51.86	74.00	-22.14	Peak	
2 *	4875.6200	33.34	8.18	41.52	54.00	-12.48	AVG	

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

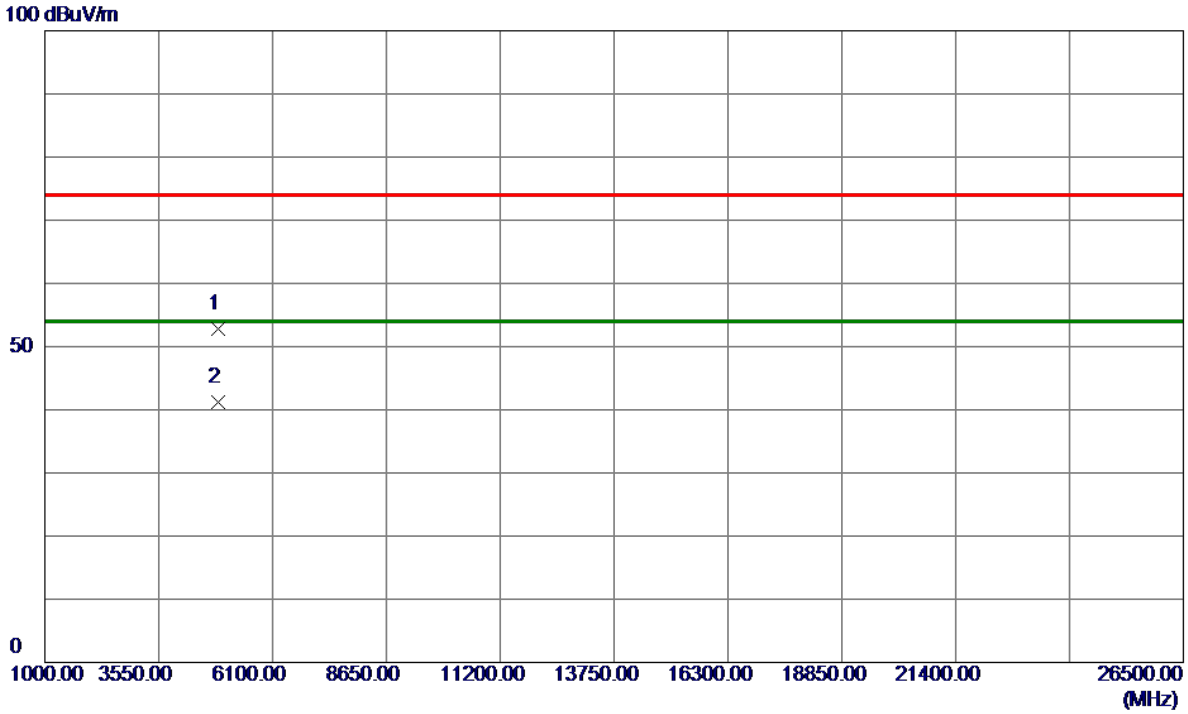
Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2433.8000	88.35	11.13	99.48	54.00	45.48	AVG	No Limit
2	2434.3000	97.69	11.13	108.82	74.00	34.82	Peak	No Limit

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

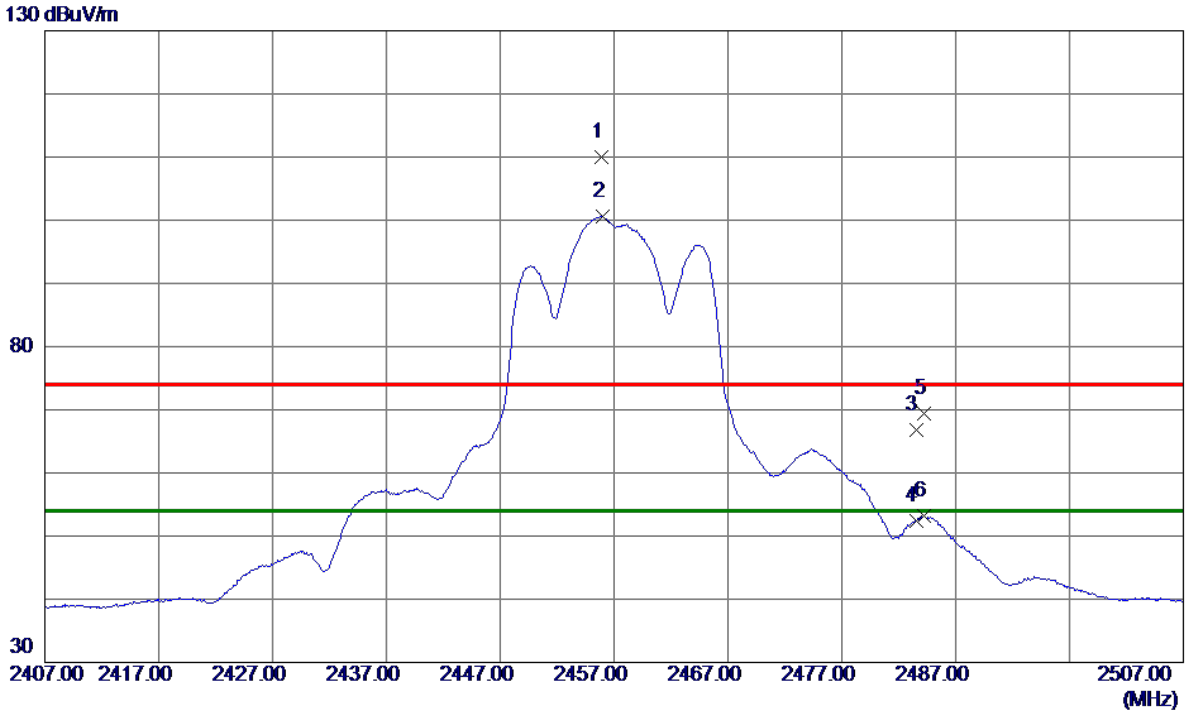
Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.7950	44.67	8.18	52.85	74.00	-21.15	Peak	
2 *	4875.2900	33.05	8.18	41.23	54.00	-12.77	AVG	

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

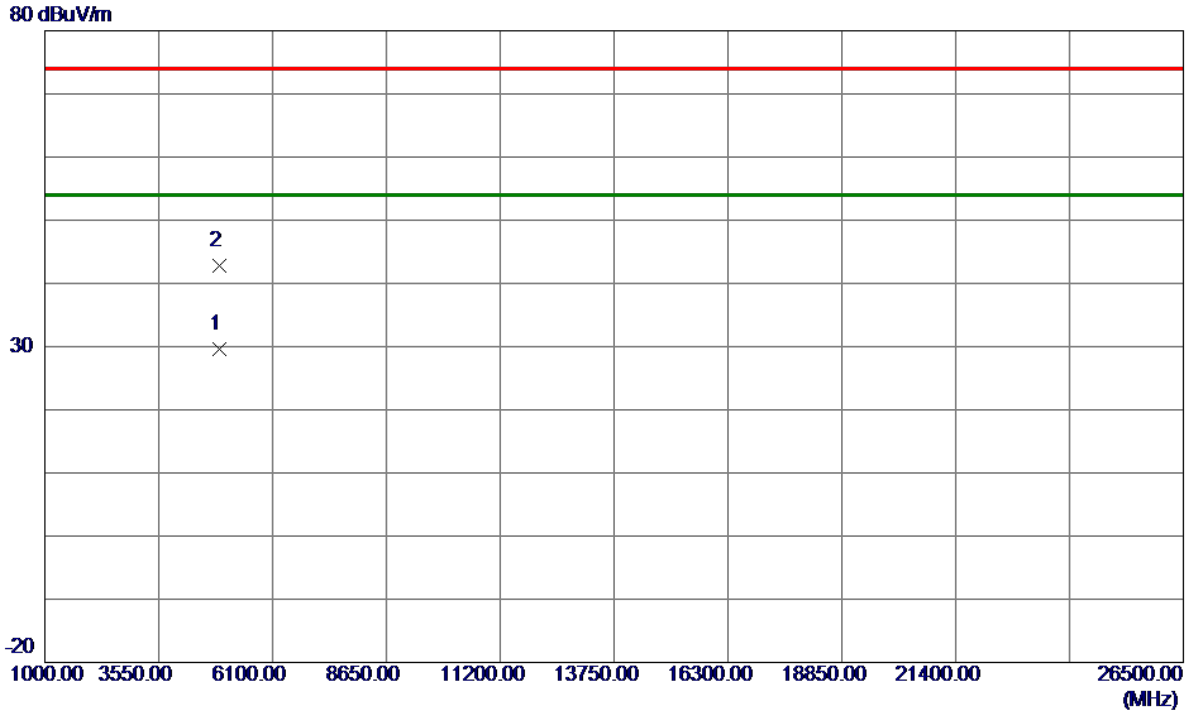
Test Mode	TX G Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455.9000	99.95	10.00	109.95	74.00	35.95	Peak	No Limit
2 *	2455.9500	90.61	10.00	100.61	54.00	46.61	AVG	No Limit
3	2483.5000	56.70	10.01	66.71	74.00	-7.29	Peak	
4	2483.5000	42.41	10.01	52.42	54.00	-1.58	AVG	
5	2484.2000	59.38	10.01	69.39	74.00	-4.61	Peak	
6	2484.2000	43.25	10.01	53.26	54.00	-0.74	AVG	

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

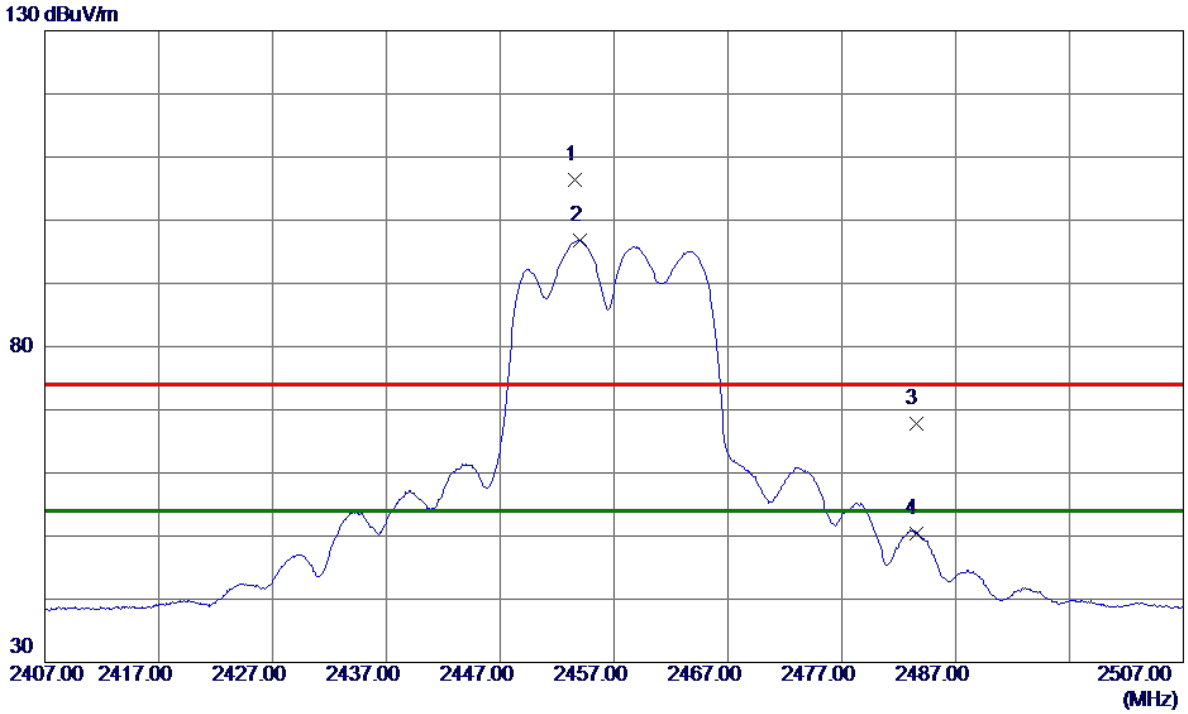
Test Mode	TX G Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4913.3510	22.95	6.68	29.63	54.00	-24.37	AVG	
2	4914.5310	36.16	6.69	42.85	74.00	-31.15	Peak	

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

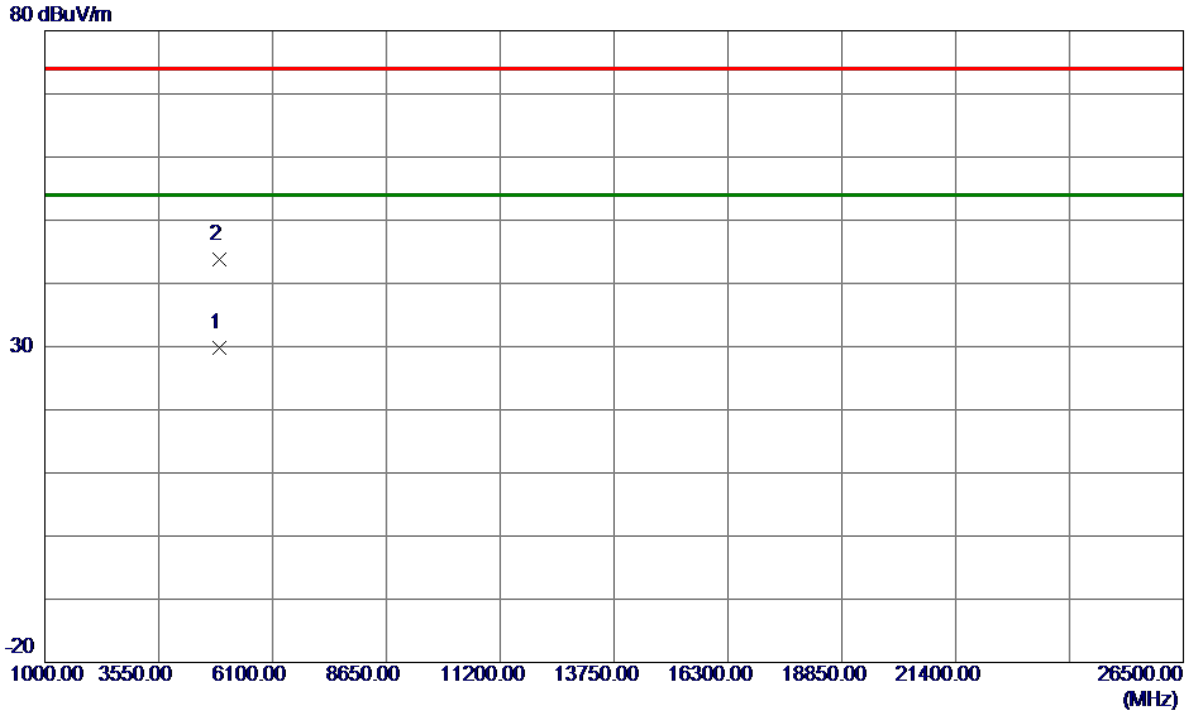
Test Mode	TX G Mode 2457 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2453.6000	96.41	10.00	106.41	74.00	32.41	Peak	No Limit
2 *	2454.0000	86.85	10.00	96.85	54.00	42.85	AVG	No Limit
3	2483.5000	57.75	10.01	67.76	74.00	-6.24	Peak	
4	2483.5000	40.39	10.01	50.40	54.00	-3.60	AVG	

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

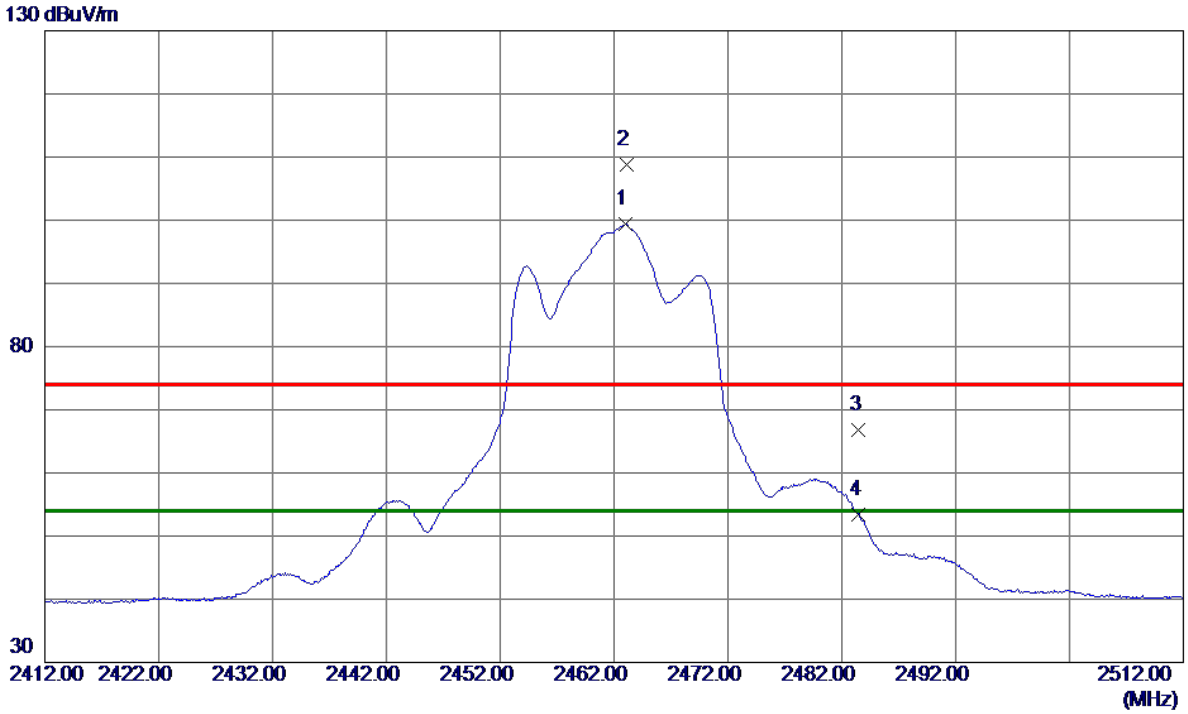
Test Mode	TX G Mode 2457 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4913.3410	23.05	6.68	29.73	54.00	-24.27	AVG	
2	4914.4280	37.13	6.69	43.82	74.00	-30.18	Peak	

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

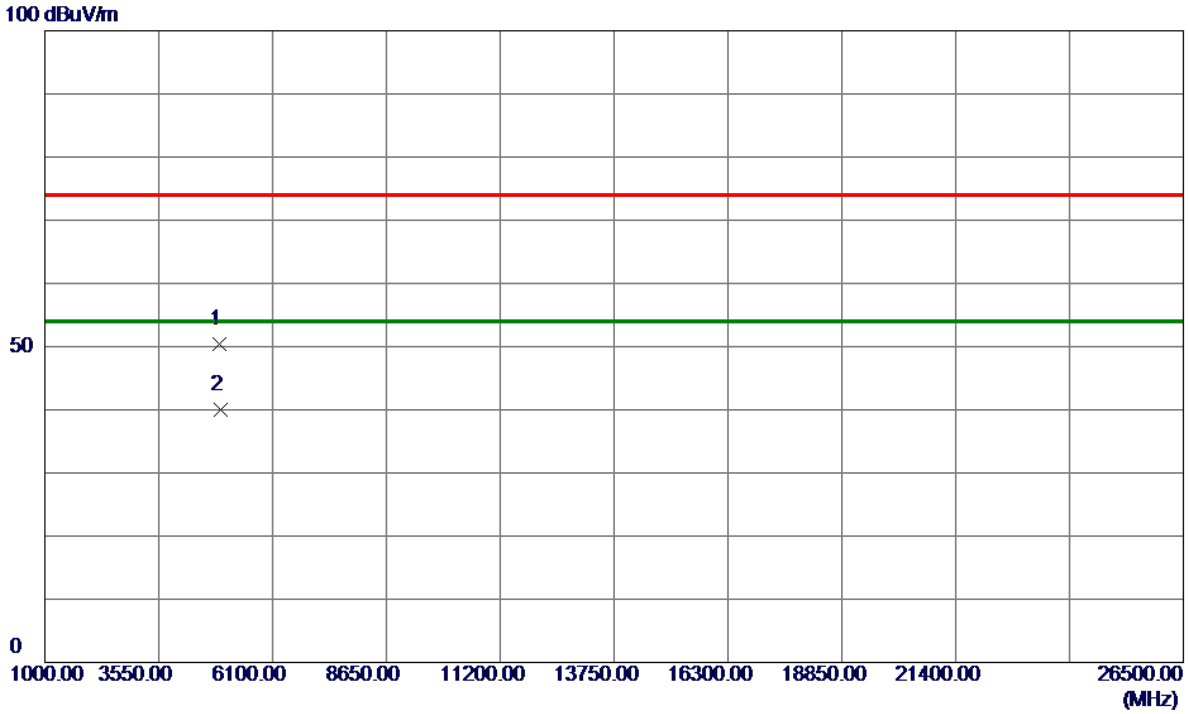
Test Mode	TX G Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2463.0500	88.26	11.15	99.41	54.00	45.41	AVG	No Limit
2	2463.1000	97.57	11.15	108.72	74.00	34.72	Peak	No Limit
3	2483.5000	55.65	11.16	66.81	74.00	-7.19	Peak	
4	2483.5000	42.21	11.16	53.37	54.00	-0.63	AVG	

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

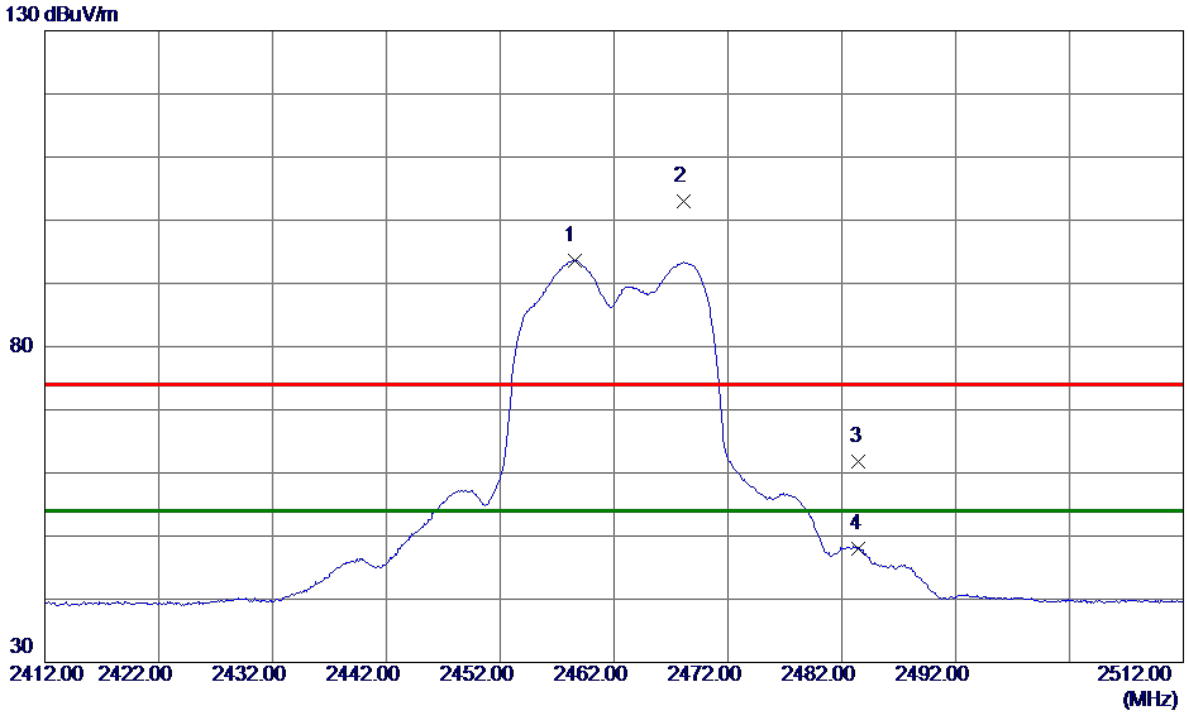
Test Mode	TX G Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4914.6850	42.09	8.31	50.40	74.00	-23.60	Peak	
2 *	4925.6349	31.66	8.35	40.01	54.00	-13.99	AVG	

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

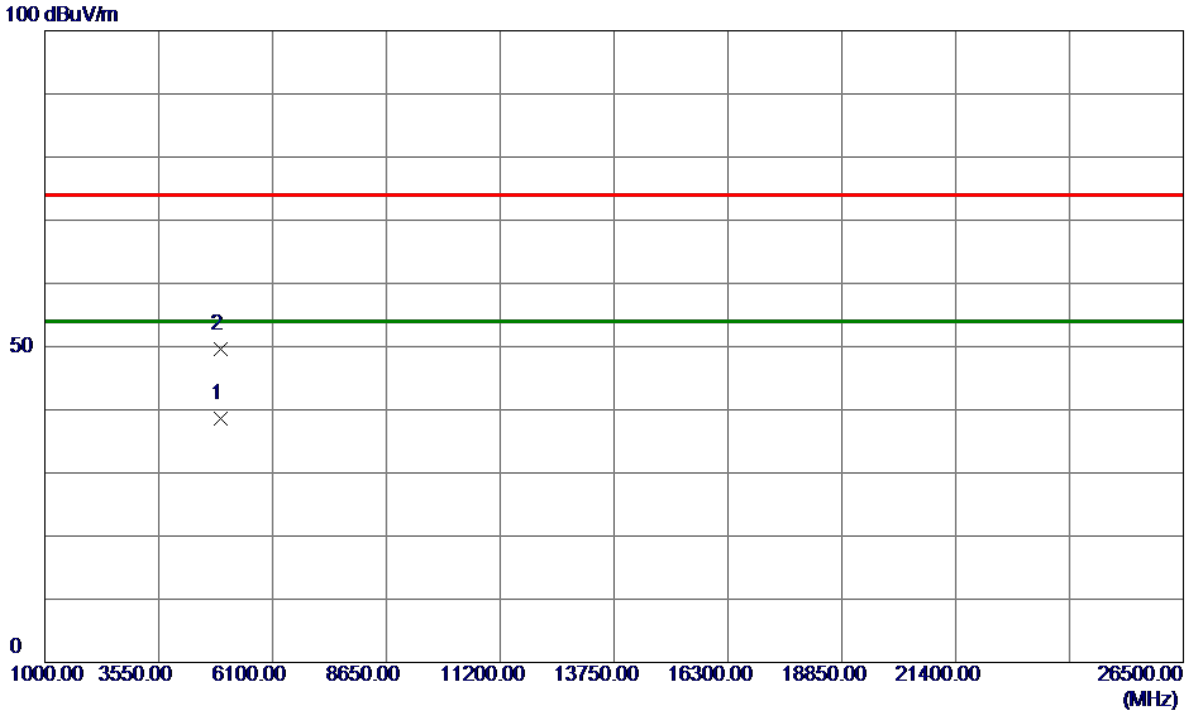
Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2458.5000	82.44	11.15	93.59	54.00	39.59	AVG	No Limit
2	2468.1000	91.88	11.15	103.03	74.00	29.03	Peak	No Limit
3	2483.5000	50.67	11.16	61.83	74.00	-12.17	Peak	
4	2483.5000	36.84	11.16	48.00	54.00	-6.00	AVG	

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

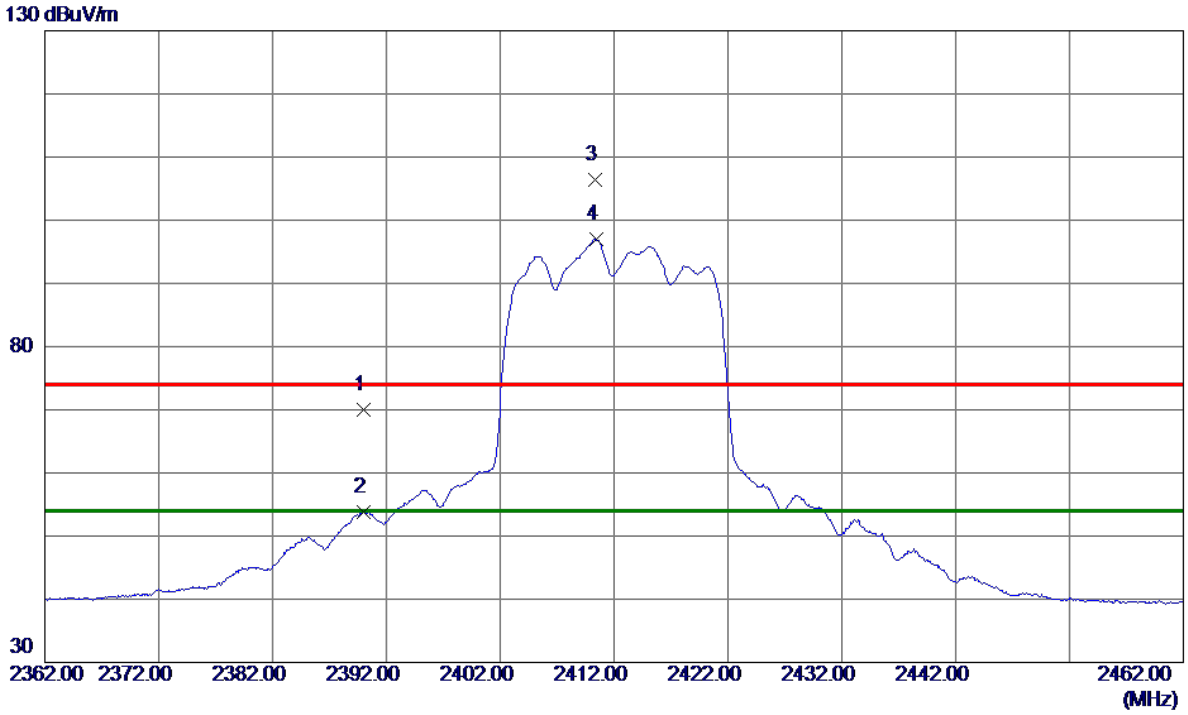
Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4925.1850	30.33	8.35	38.68	54.00	-15.32	AVG	
2	4925.9350	41.33	8.35	49.68	74.00	-24.32	Peak	

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

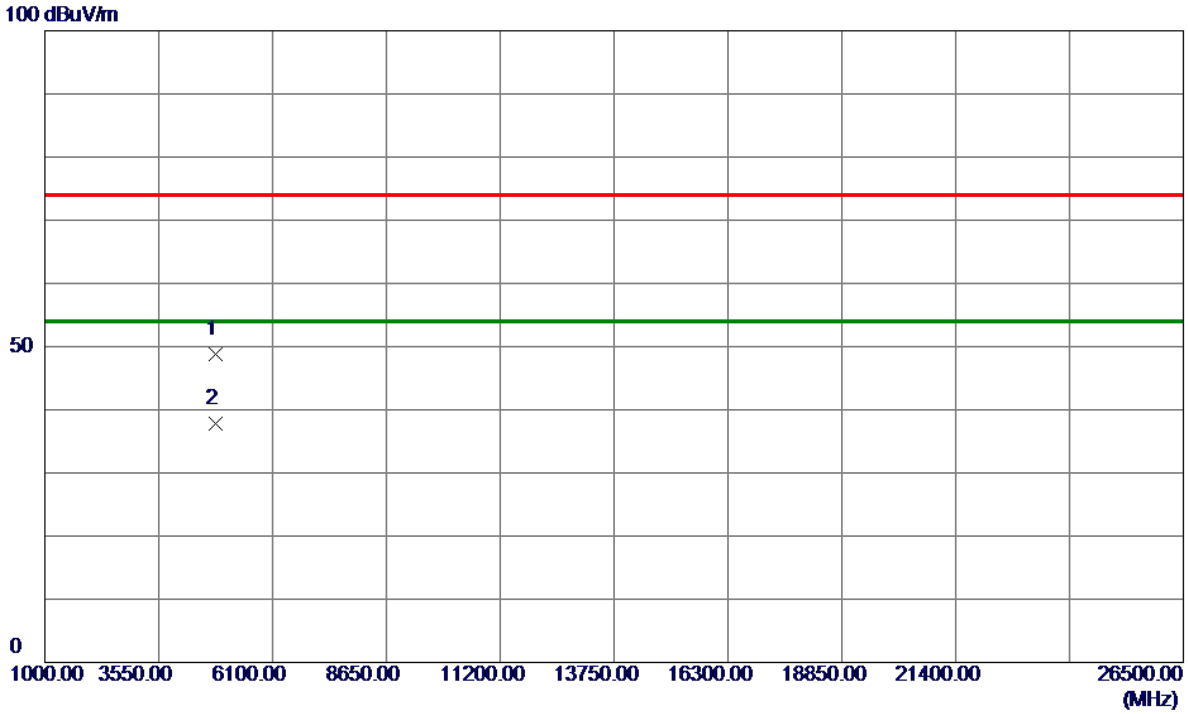
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	58.85	11.10	69.95	74.00	-4.05	Peak	
2	2390.0000	42.66	11.10	53.76	54.00	-0.24	AVG	
3	2410.3500	95.19	11.12	106.31	74.00	32.31	Peak	No Limit
4 *	2410.4500	85.89	11.12	97.01	54.00	43.01	AVG	No Limit

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

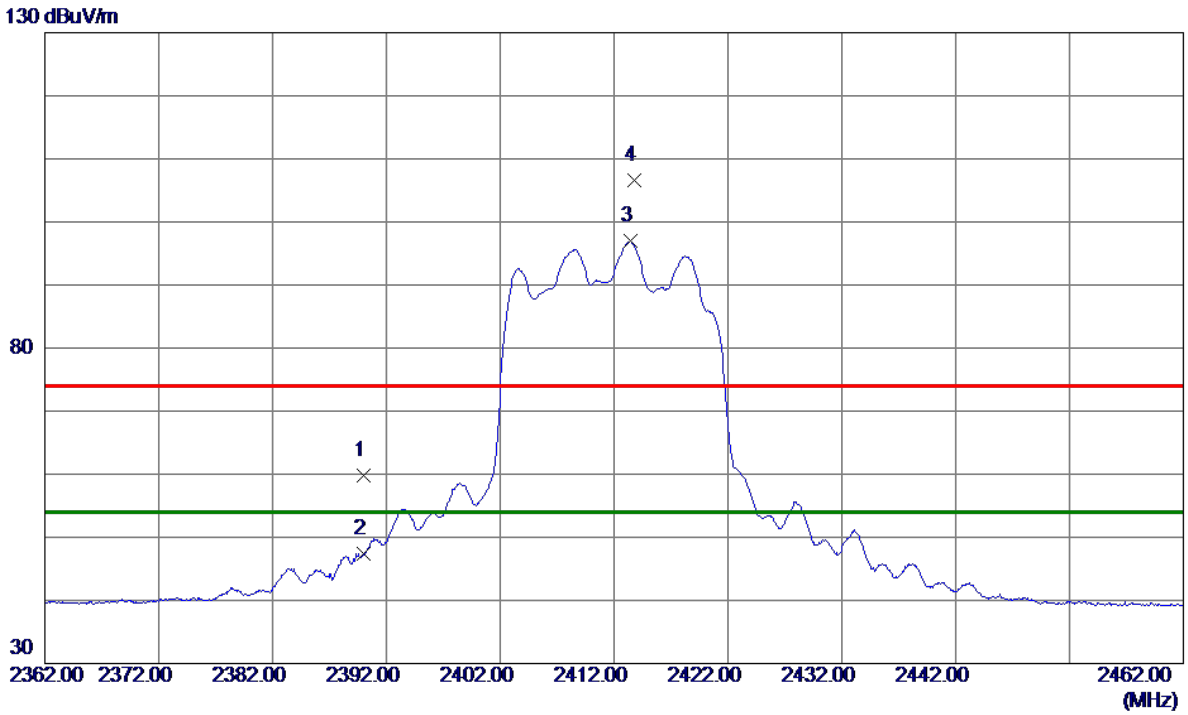
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.1050	40.78	8.01	48.79	74.00	-25.21	Peak	
2 *	4829.6250	29.74	8.03	37.77	54.00	-16.23	AVG	

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

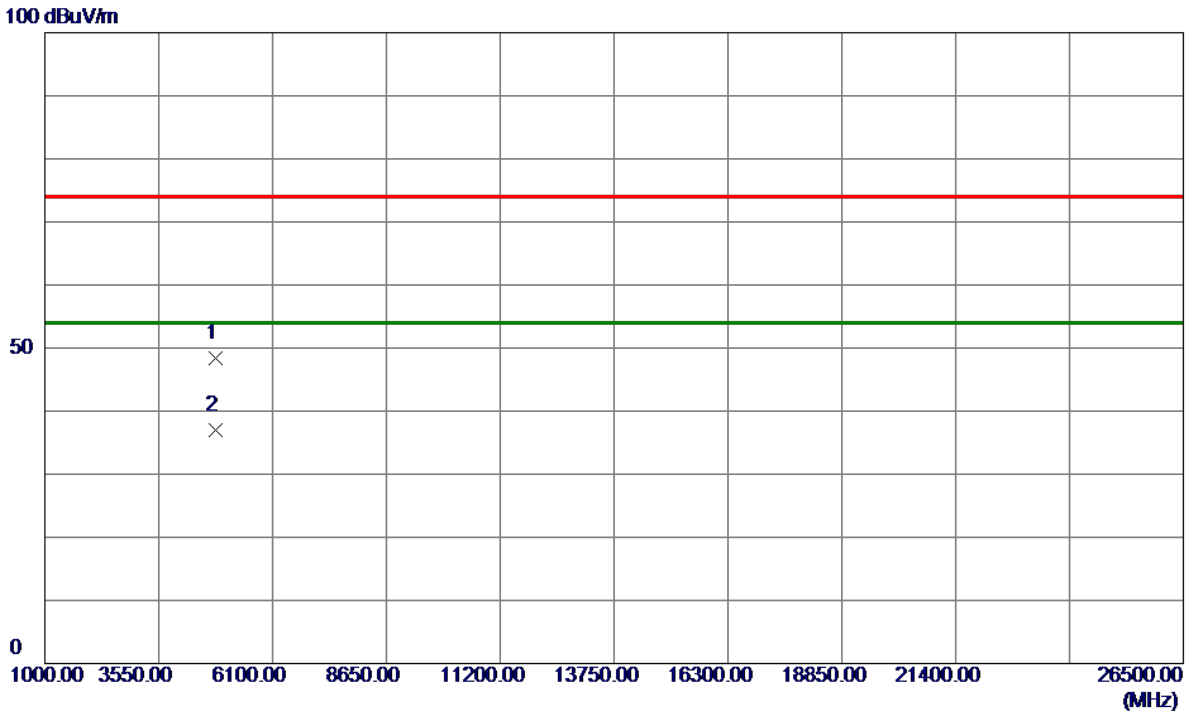
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	48.61	11.10	59.71	74.00	-14.29	Peak	
2	2390.0000	36.28	11.10	47.38	54.00	-6.62	AVG	
3 *	2413.4500	85.80	11.12	96.92	54.00	42.92	AVG	No Limit
4	2413.7500	95.55	11.12	106.67	74.00	32.67	Peak	No Limit

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

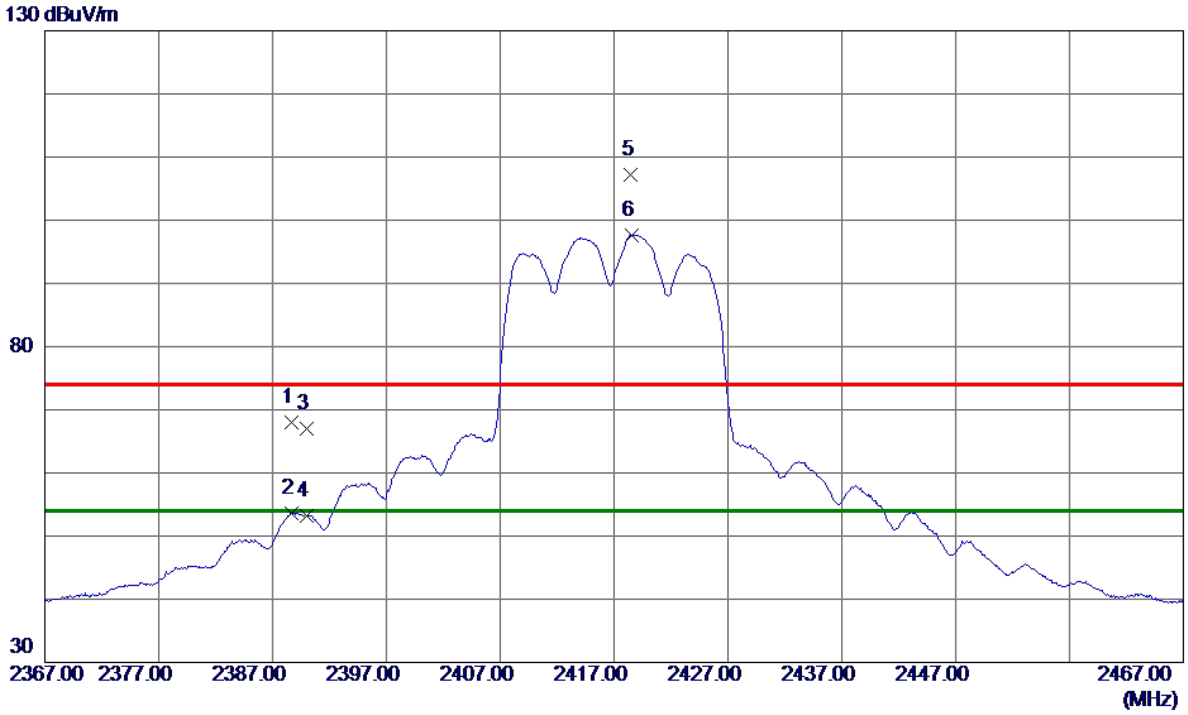
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.5700	40.41	8.02	48.43	74.00	-25.57	Peak	
2 *	4829.5950	28.90	8.03	36.93	54.00	-17.07	AVG	

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

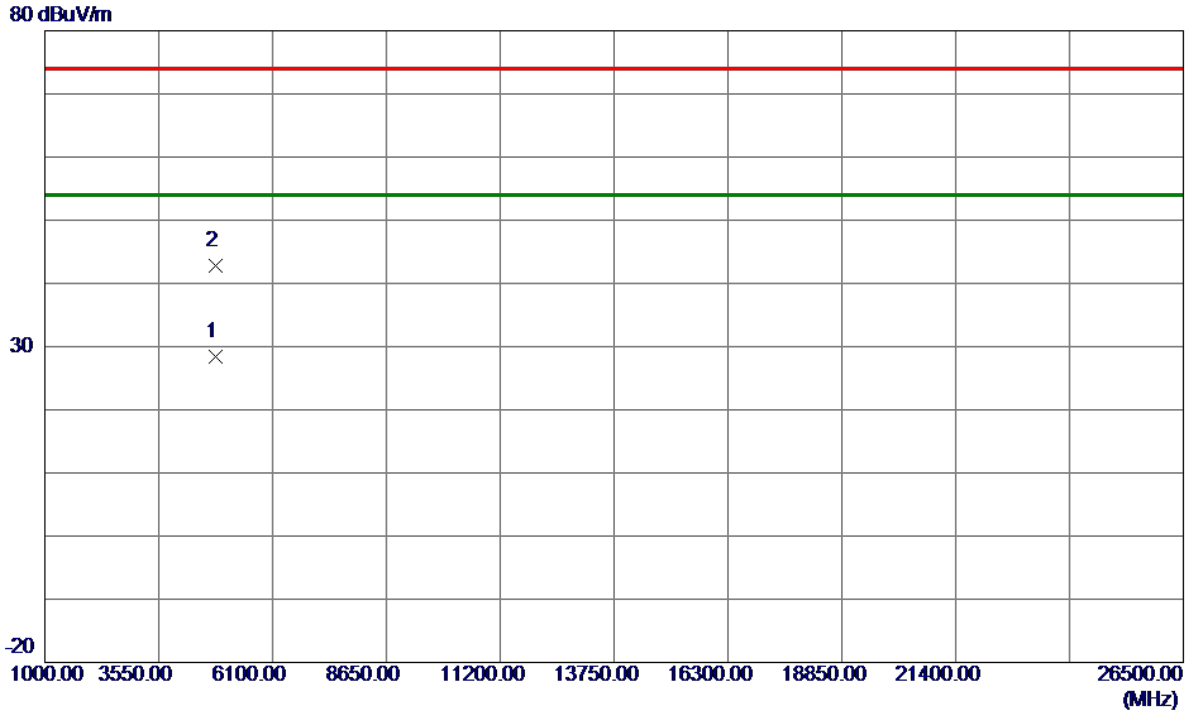
Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2388.6500	58.10	9.98	68.08	74.00	-5.92	Peak	
2	2388.6500	43.71	9.98	53.69	54.00	-0.31	AVG	
3	2390.0000	57.03	9.98	67.01	74.00	-6.99	Peak	
4	2390.0000	43.20	9.98	53.18	54.00	-0.82	AVG	
5	2418.5000	97.13	9.99	107.12	74.00	33.12	Peak	No Limit
6 *	2418.5500	87.69	9.99	97.68	54.00	43.68	AVG	No Limit

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

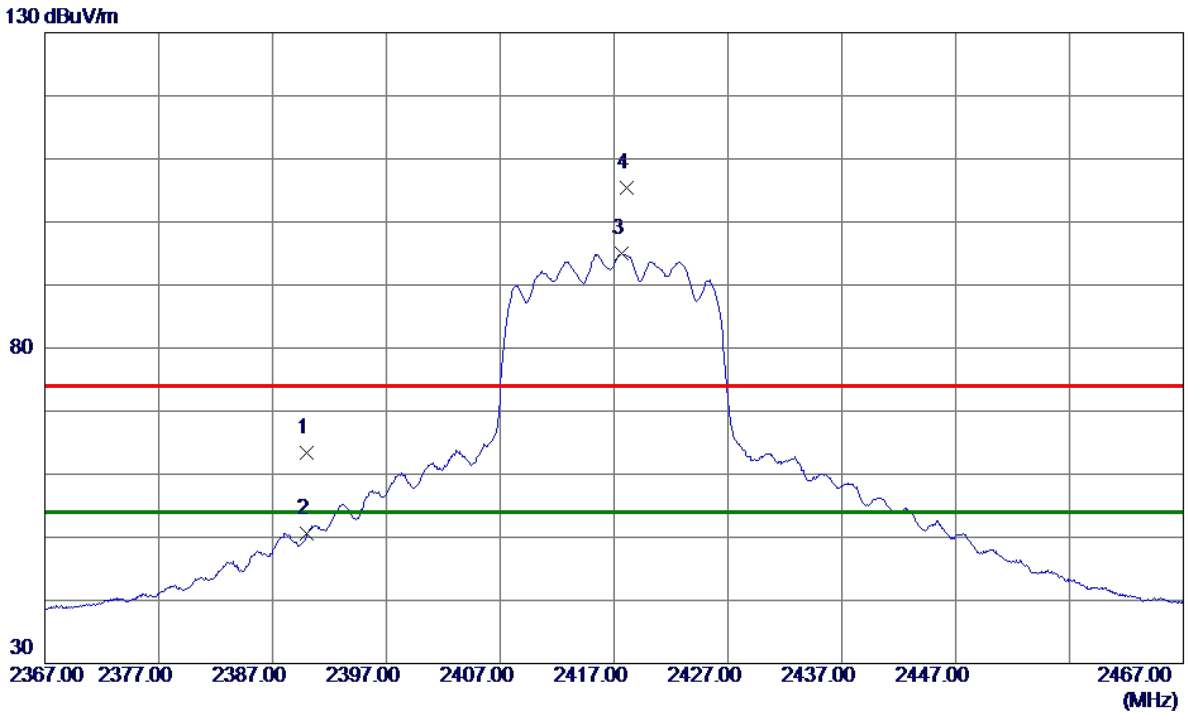
Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4833.2360	21.95	6.43	28.38	54.00	-25.62	AVG	
2	4834.4640	36.36	6.43	42.79	74.00	-31.21	Peak	

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

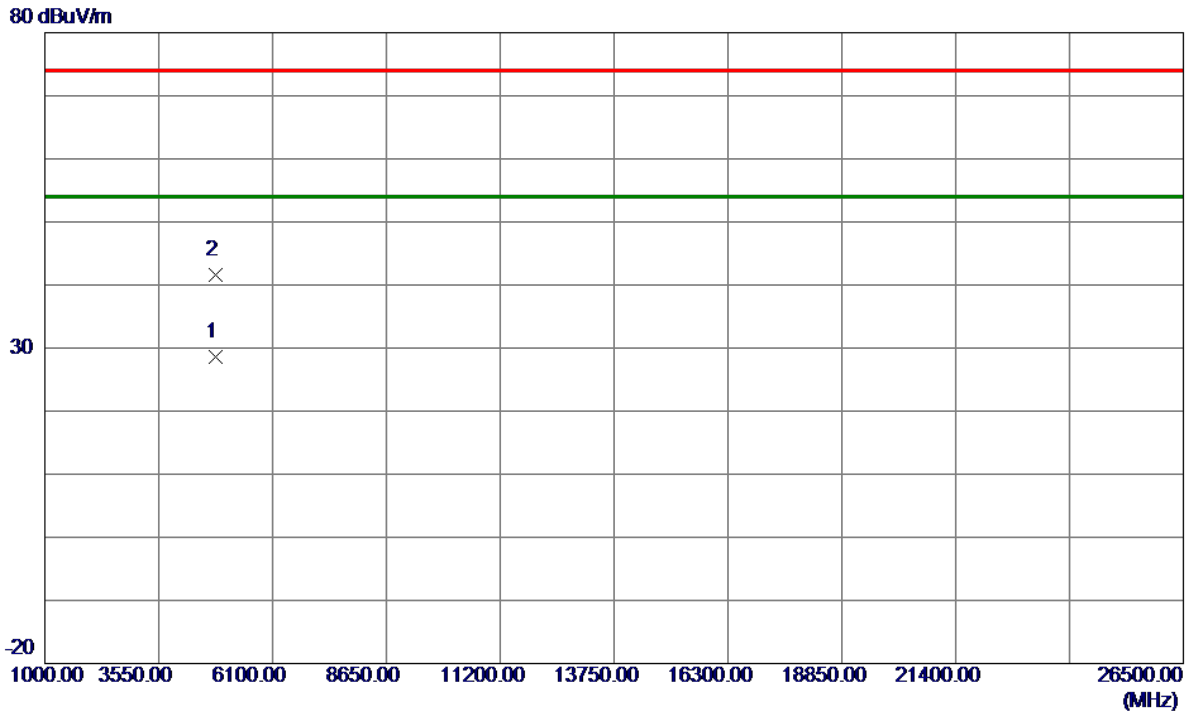
Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	53.36	9.98	63.34	74.00	-10.66	Peak	
2	2390.0000	40.56	9.98	50.54	54.00	-3.46	AVG	
3 *	2417.7000	84.93	9.99	94.92	54.00	40.92	AVG	No Limit
4	2418.1000	95.35	9.99	105.34	74.00	31.34	Peak	No Limit

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

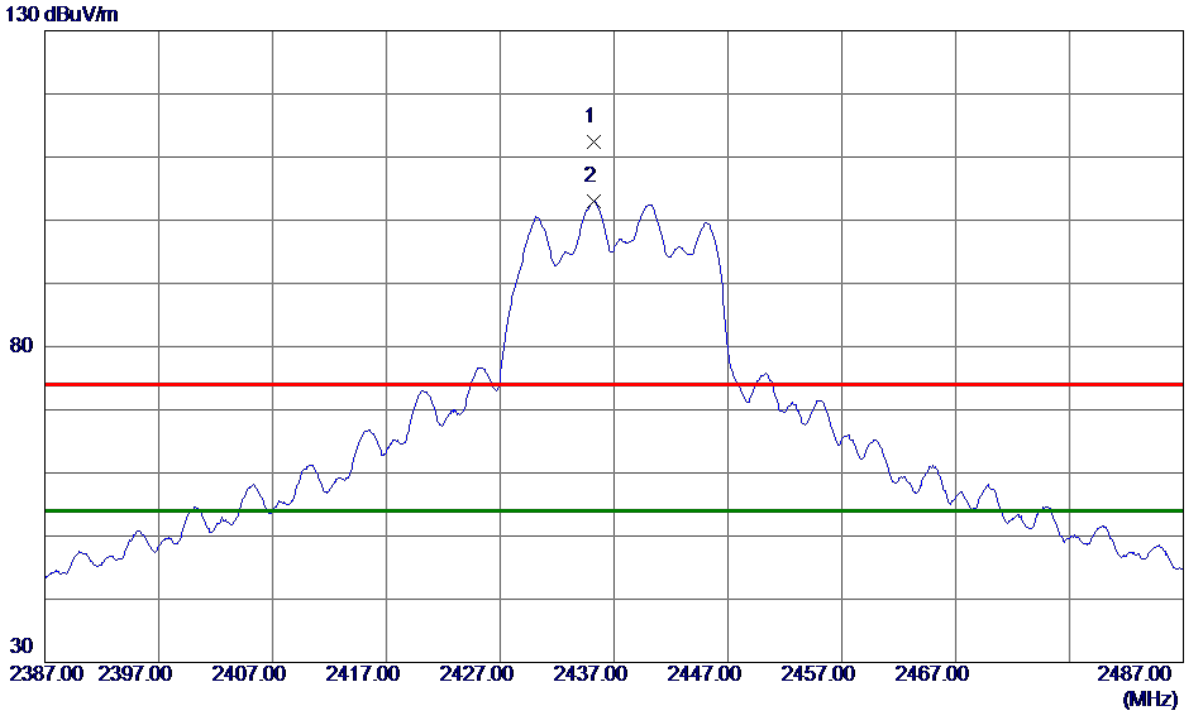
Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4833.6320	22.18	6.43	28.61	54.00	-25.39	AVG	
2	4833.6790	35.15	6.43	41.58	74.00	-32.42	Peak	

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

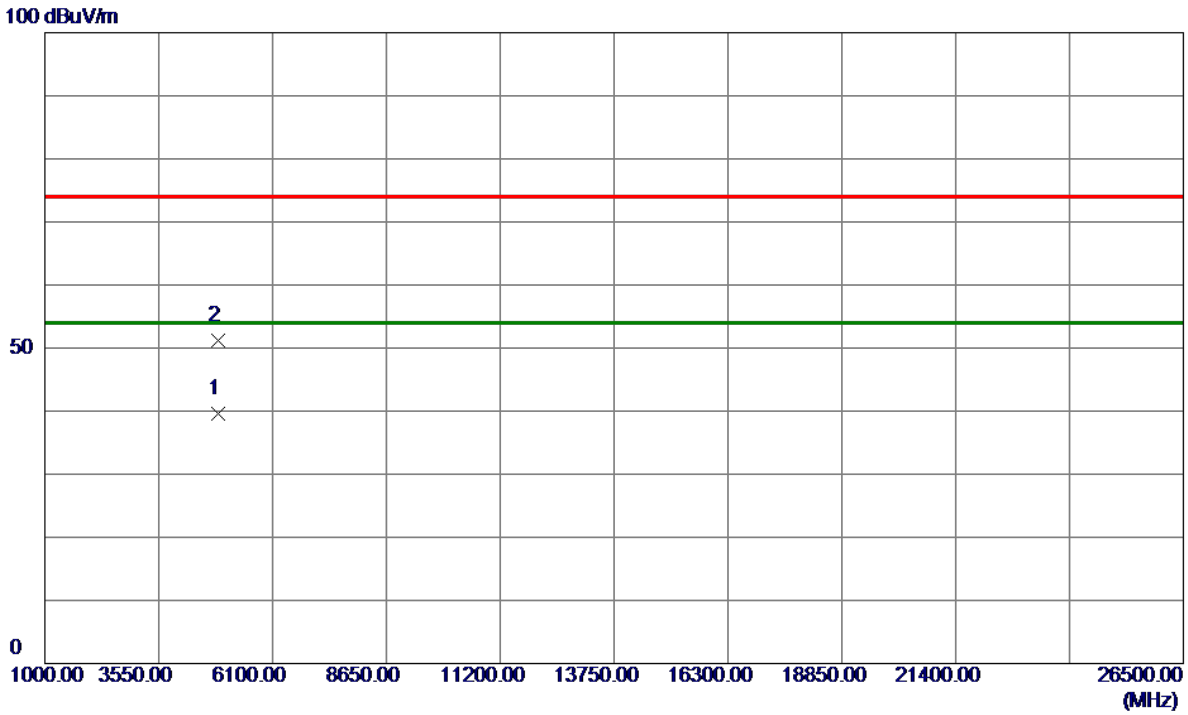
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2435.2000	101.22	11.13	112.35	74.00	38.35	Peak	No Limit
2 *	2435.2000	91.95	11.13	103.08	54.00	49.08	AVG	No Limit

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

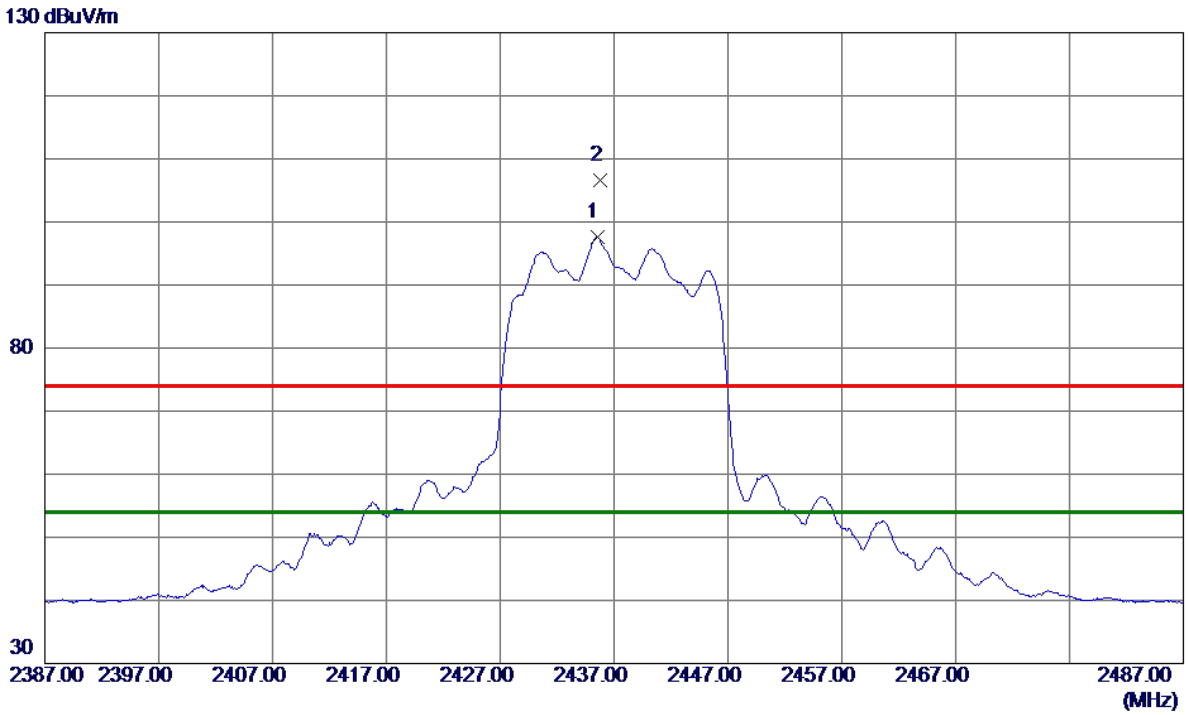
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.5250	31.37	8.18	39.55	54.00	-14.45	AVG	
2	4874.7500	42.98	8.18	51.16	74.00	-22.84	Peak	

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

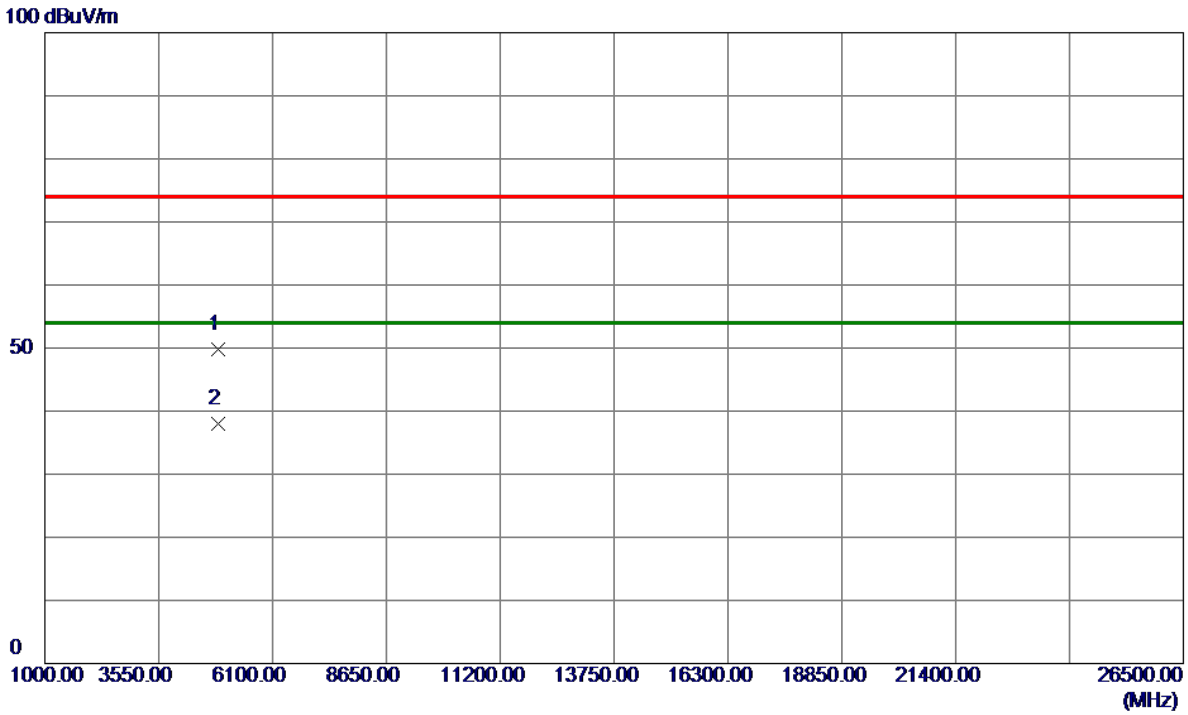
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2435.5000	86.53	11.13	97.66	54.00	43.66	AVG	No Limit
2	2435.8000	95.56	11.13	106.69	74.00	32.69	Peak	No Limit

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

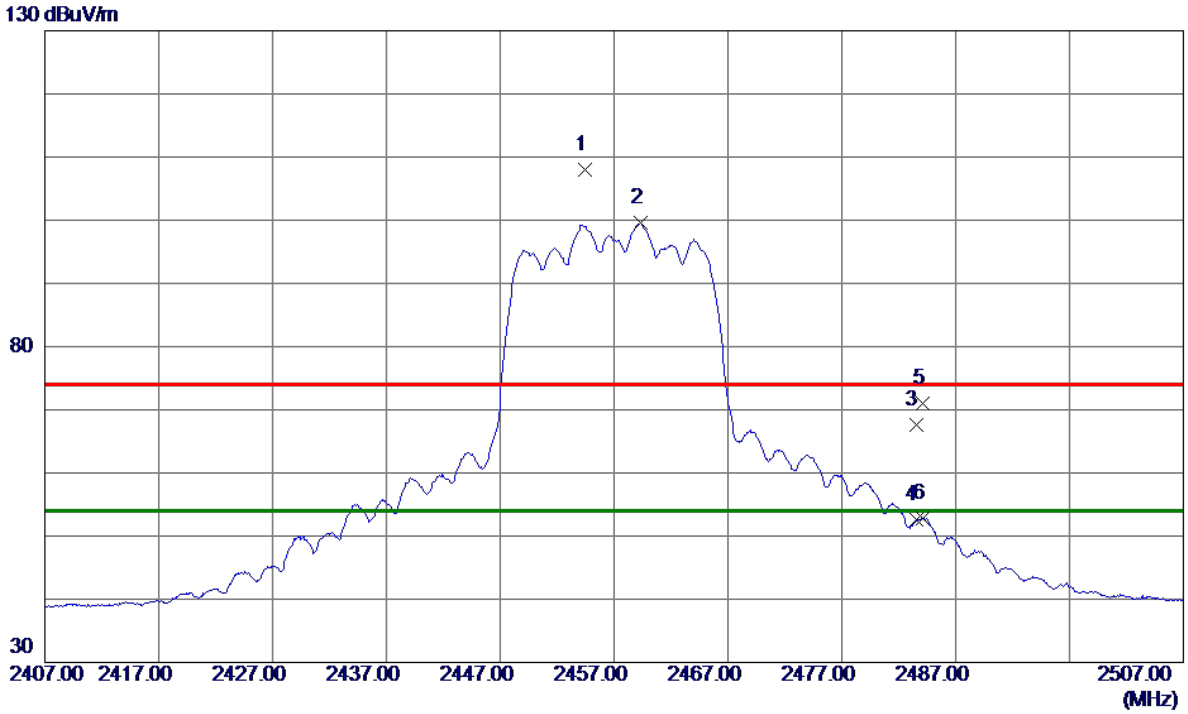
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.3000	41.66	8.18	49.84	74.00	-24.16	Peak	
2 *	4874.3900	29.87	8.18	38.05	54.00	-15.95	AVG	

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

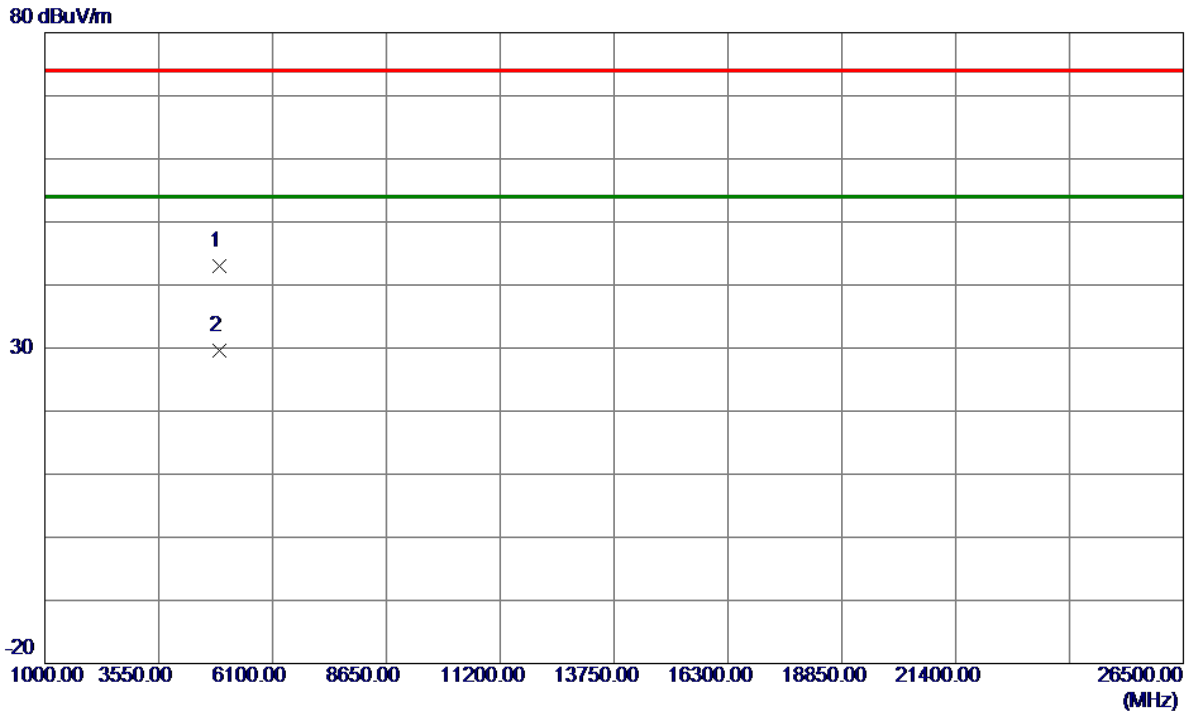
Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2454.4500	97.92	10.00	107.92	74.00	33.92	Peak	No Limit
2 *	2459.3000	89.59	10.00	99.59	54.00	45.59	AVG	No Limit
3	2483.5000	57.50	10.01	67.51	74.00	-6.49	Peak	
4	2483.5000	42.51	10.01	52.52	54.00	-1.48	AVG	
5	2484.1500	60.99	10.01	71.00	74.00	-3.00	Peak	
6	2484.1500	42.87	10.01	52.88	54.00	-1.12	AVG	

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

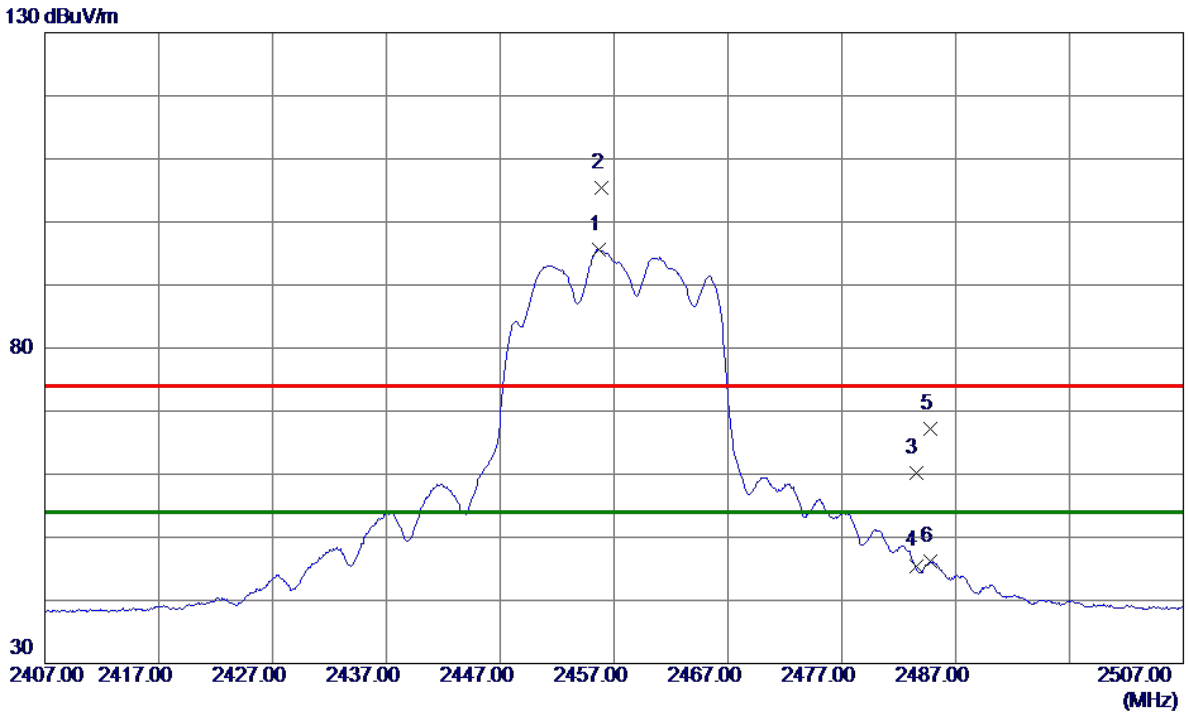
Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4913.4930	36.29	6.68	42.97	74.00	-31.03	Peak	
2 *	4914.9970	23.00	6.69	29.69	54.00	-24.31	AVG	

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

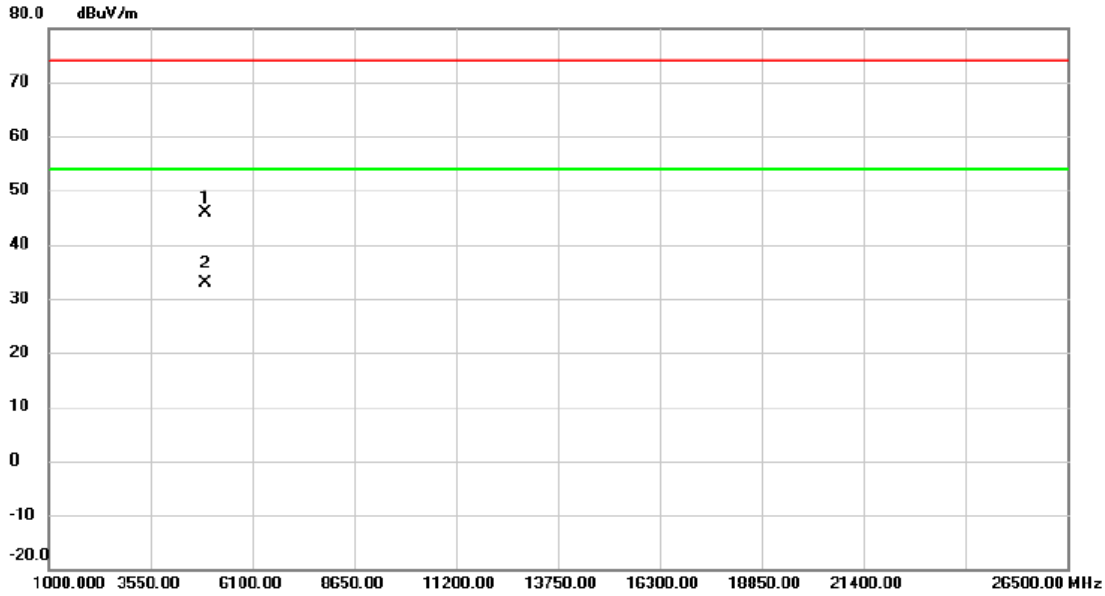
Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2455.6500	85.69	10.00	95.69	54.00	41.69	AVG	No Limit
2	2455.9000	95.47	10.00	105.47	74.00	31.47	Peak	No Limit
3	2483.5000	50.28	10.01	60.29	74.00	-13.71	Peak	
4	2483.5000	35.49	10.01	45.50	54.00	-8.50	AVG	
5	2484.7500	57.11	10.01	67.12	74.00	-6.88	Peak	
6	2484.7500	36.19	10.01	46.20	54.00	-7.80	AVG	

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

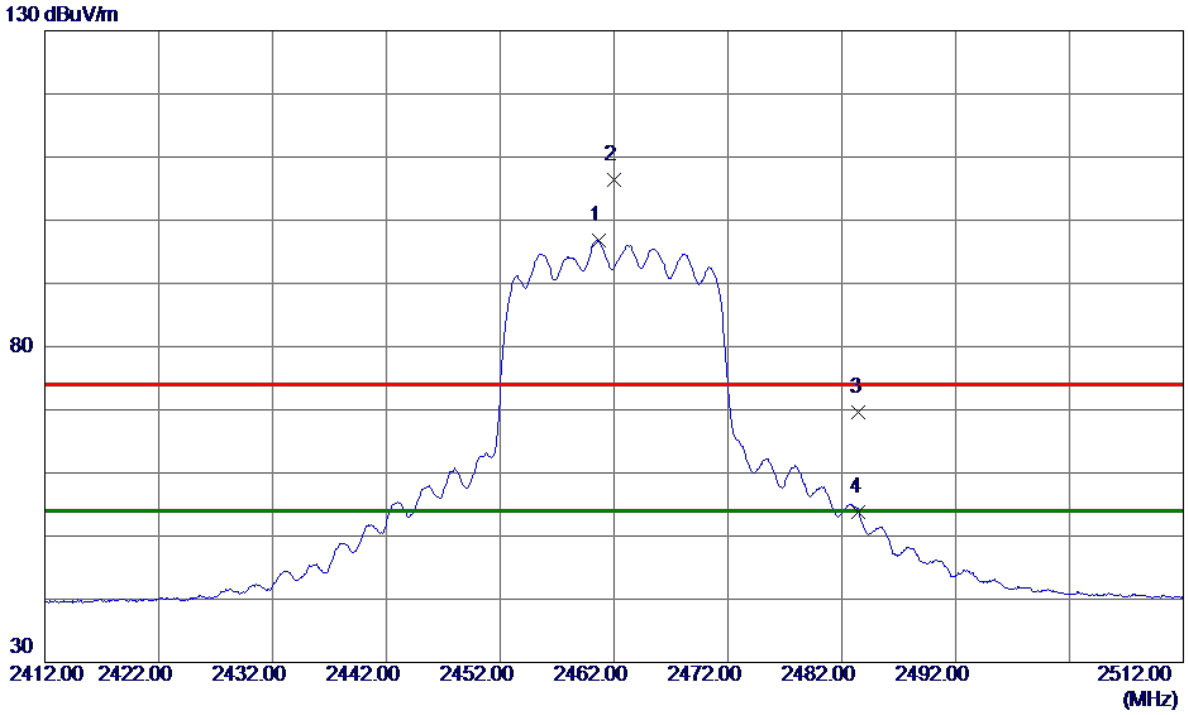
Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4913.577	39.08	6.69	45.77	74.00	-28.23	peak	
2	*	4913.577	26.18	6.69	32.87	54.00	-21.13	AVG	

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

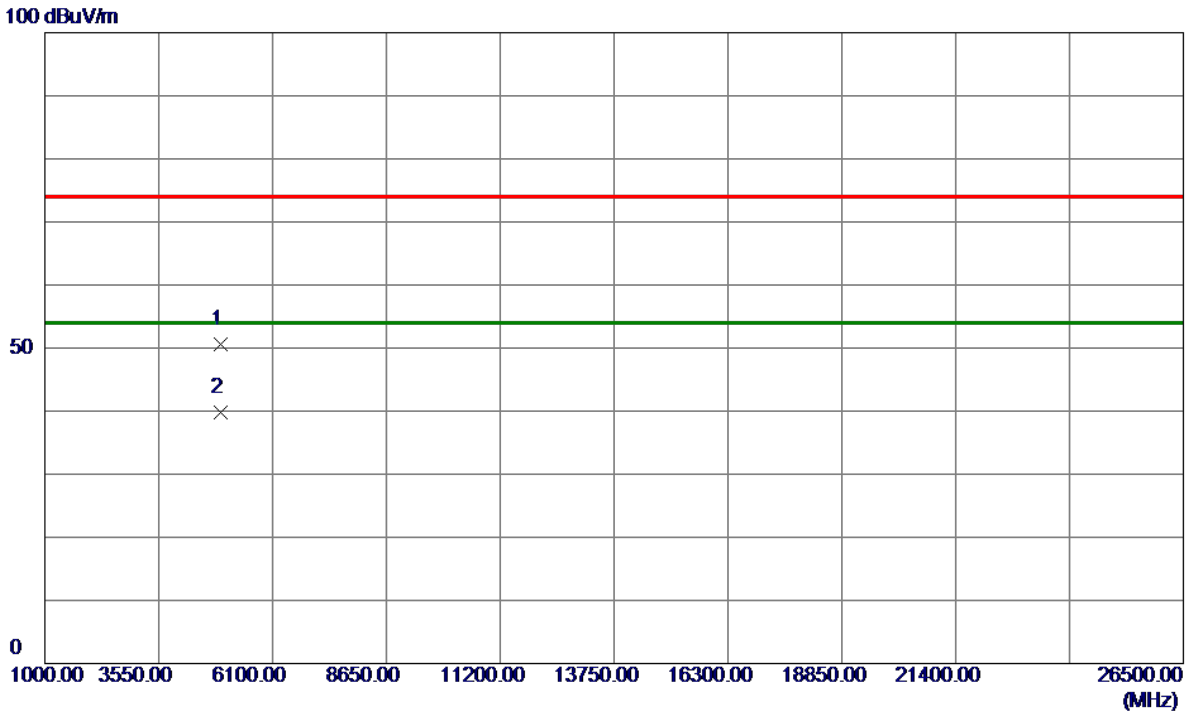
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2460.6500	85.71	11.15	96.86	54.00	42.86	AVG	No Limit
2	2461.9500	95.18	11.15	106.33	74.00	32.33	Peak	No Limit
3	2483.5000	58.48	11.16	69.64	74.00	-4.36	Peak	
4	2483.5000	42.64	11.16	53.80	54.00	-0.20	AVG	

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

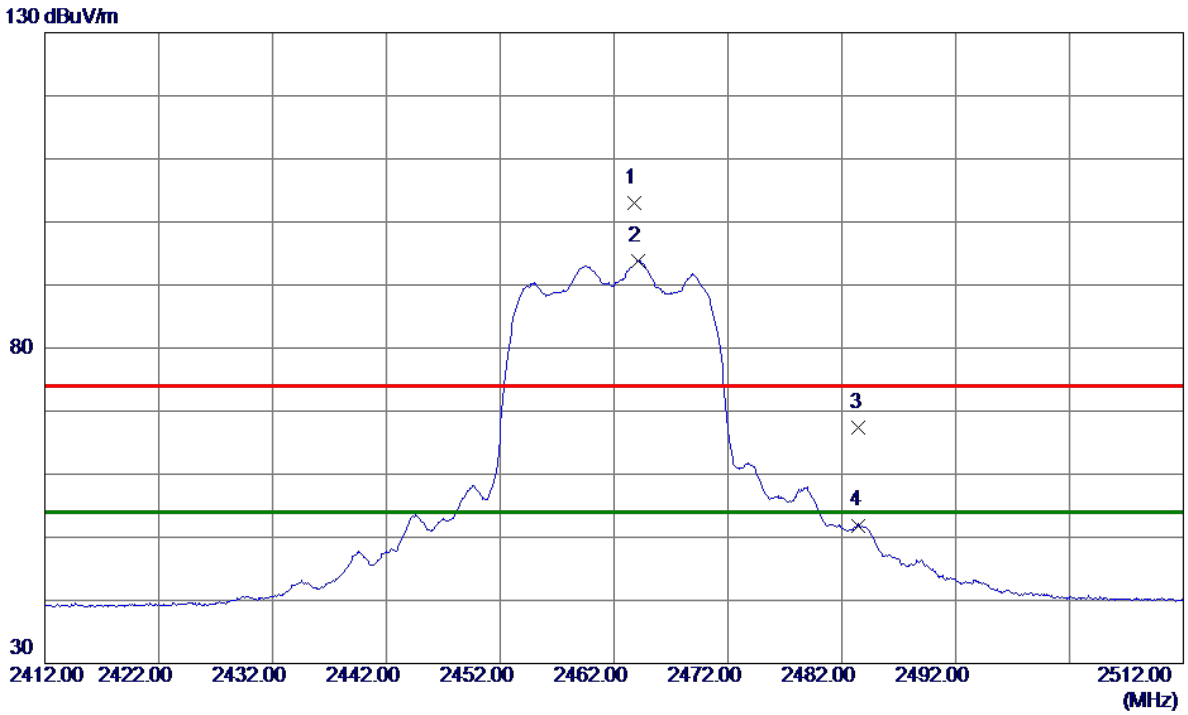
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.2100	42.24	8.34	50.58	74.00	-23.42	Peak	
2 *	4924.3600	31.37	8.34	39.71	54.00	-14.29	AVG	

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

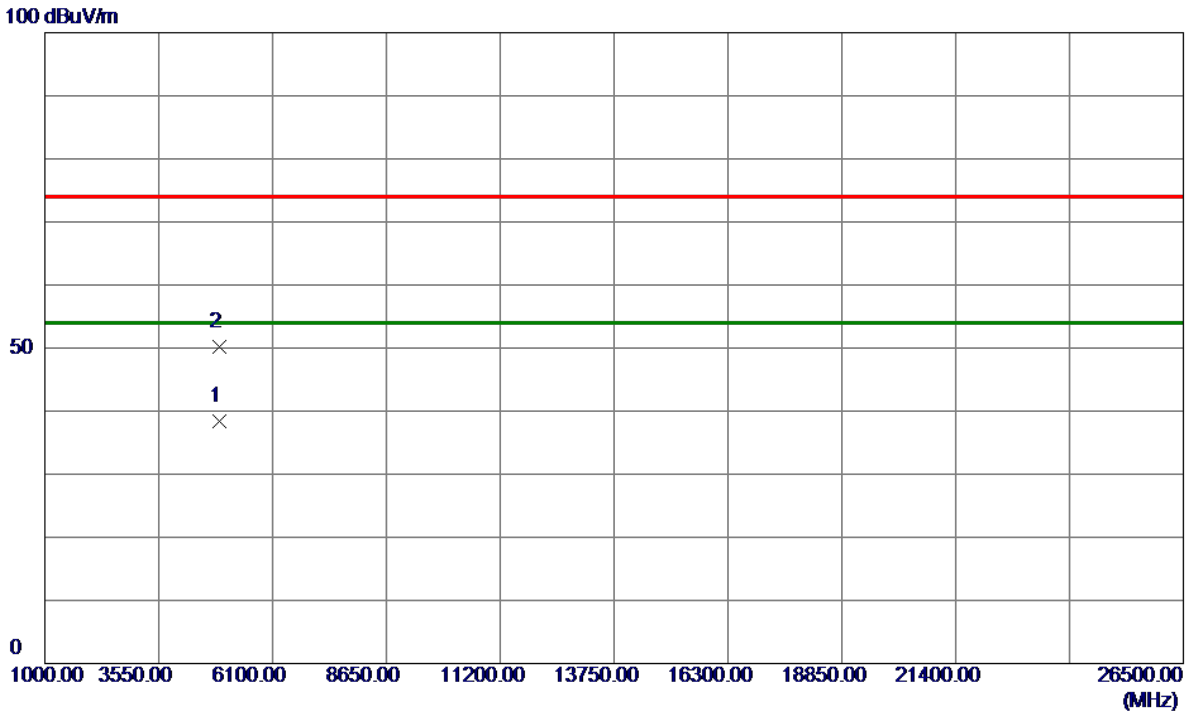
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463.7500	91.91	11.15	103.06	74.00	29.06	Peak	No Limit
2 *	2464.1500	82.70	11.15	93.85	54.00	39.85	AVG	No Limit
3	2483.5000	56.25	11.16	67.41	74.00	-6.59	Peak	
4	2483.5000	40.74	11.16	51.90	54.00	-2.10	AVG	

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

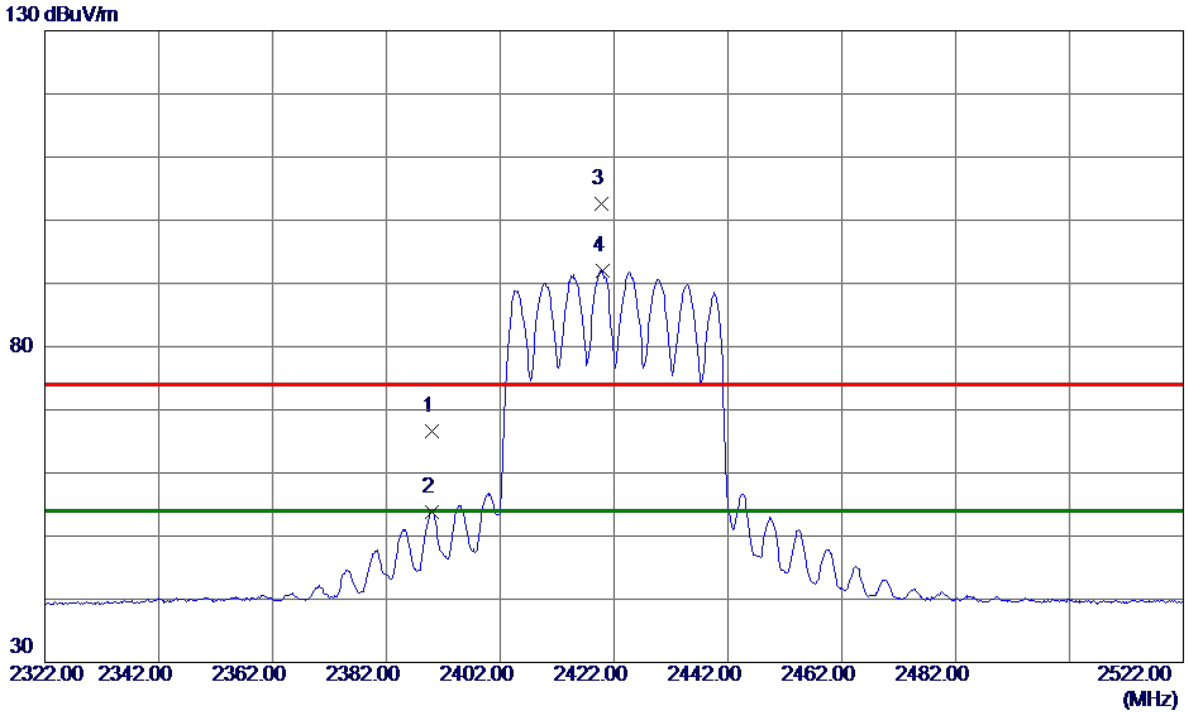
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4919.3500	30.15	8.33	38.48	54.00	-15.52	AVG	
2	4919.4250	41.88	8.33	50.21	74.00	-23.79	Peak	

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

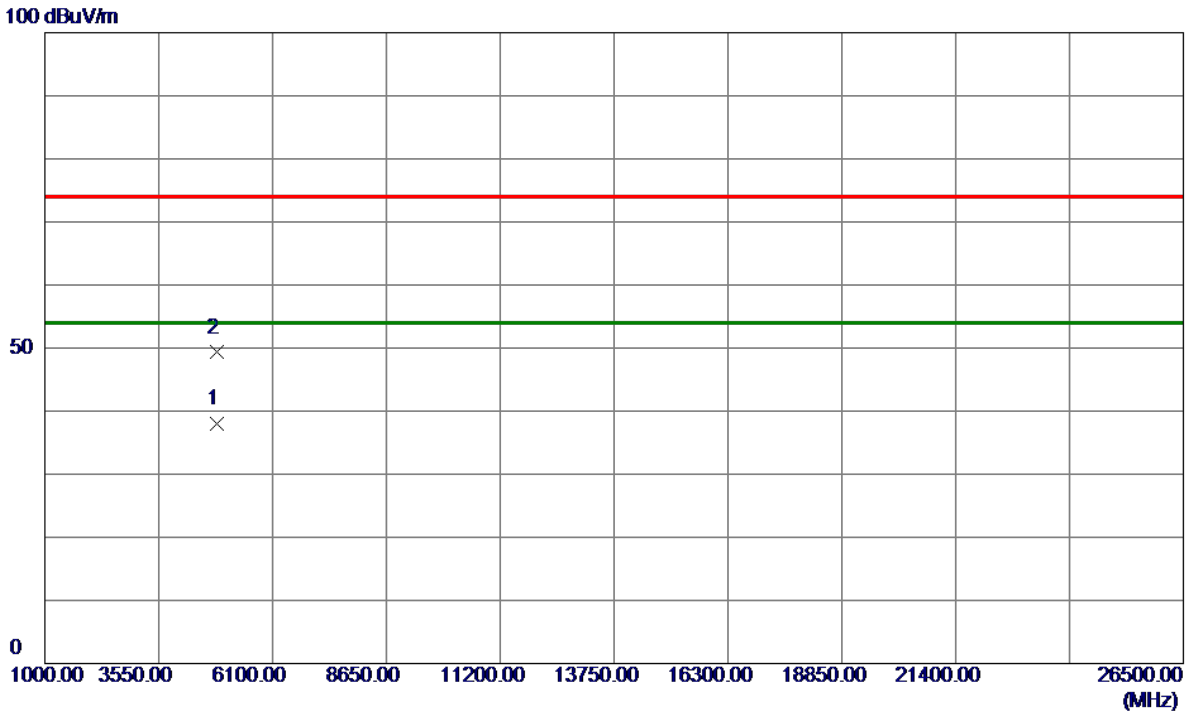
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	55.42	11.10	66.52	74.00	-7.48	Peak	
2	2390.0000	42.79	11.10	53.89	54.00	-0.11	AVG	
3	2419.8000	91.51	11.12	102.63	74.00	28.63	Peak	No Limit
4 *	2420.0000	80.96	11.12	92.08	54.00	38.08	AVG	No Limit

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

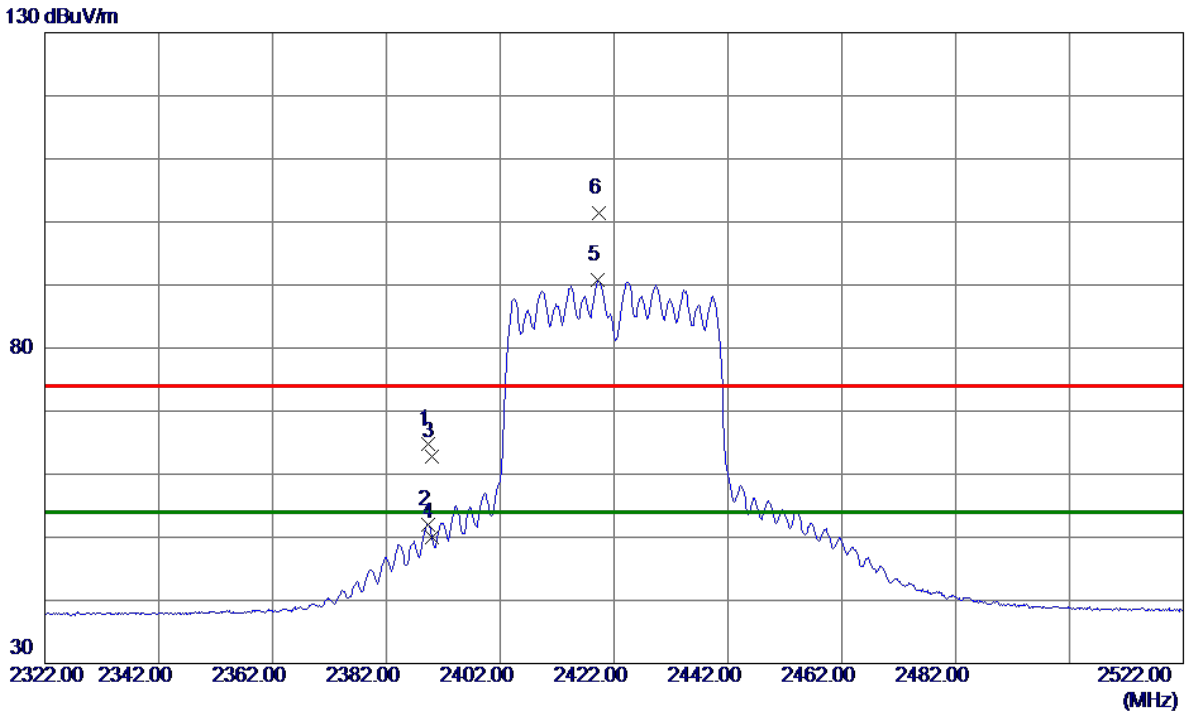
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.3600	29.99	8.08	38.07	54.00	-15.93	AVG	
2	4847.1700	41.21	8.09	49.30	74.00	-24.70	Peak	

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

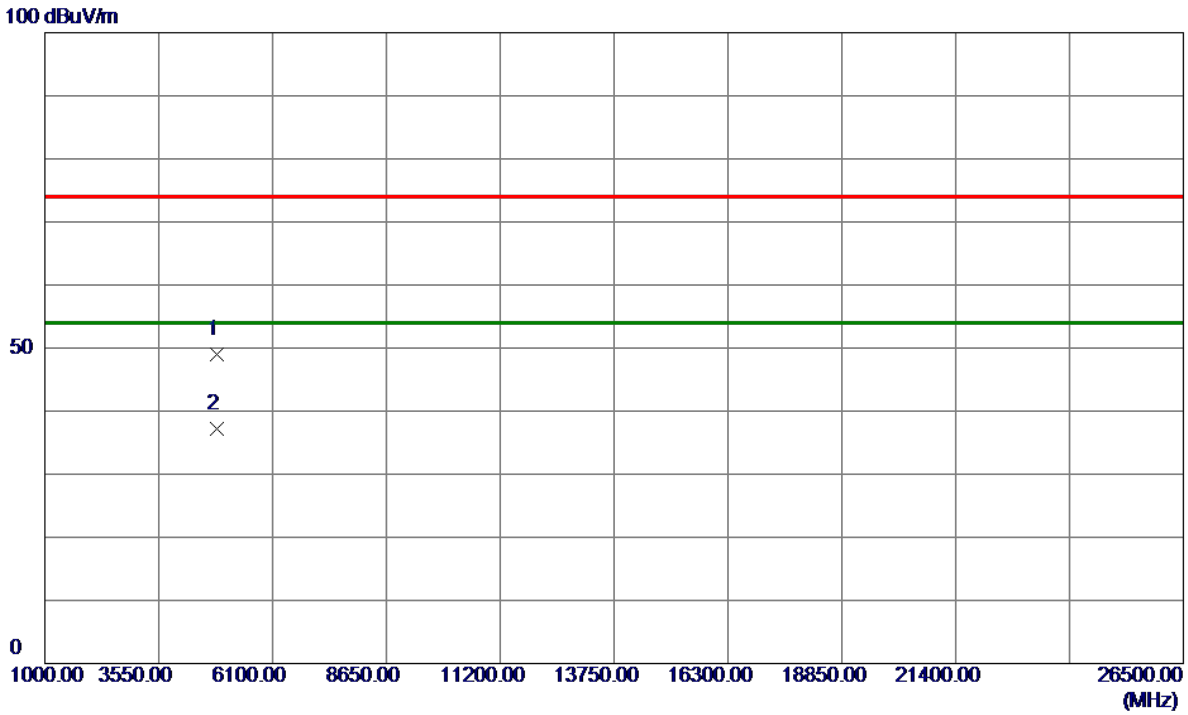
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.4000	54.79	9.98	64.77	74.00	-9.23	Peak	
2	2389.4000	42.03	9.98	52.01	54.00	-1.99	AVG	
3	2390.0000	52.80	9.98	62.78	74.00	-11.22	Peak	
4	2390.0000	40.09	9.98	50.07	54.00	-3.93	AVG	
5 *	2419.2000	80.77	9.99	90.76	54.00	36.76	AVG	No Limit
6	2419.4000	91.34	9.99	101.33	74.00	27.33	Peak	No Limit

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

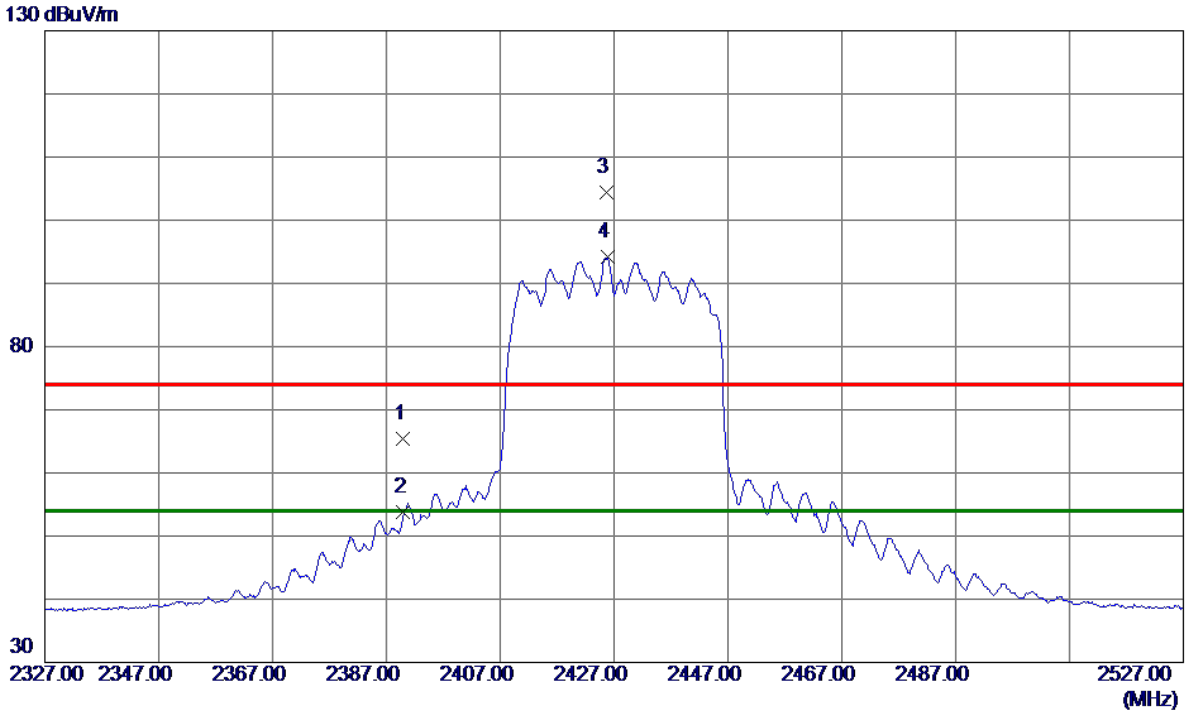
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.5299	40.96	8.08	49.04	74.00	-24.96	Peak	
2 *	4844.5400	29.08	8.08	37.16	54.00	-16.84	AVG	

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

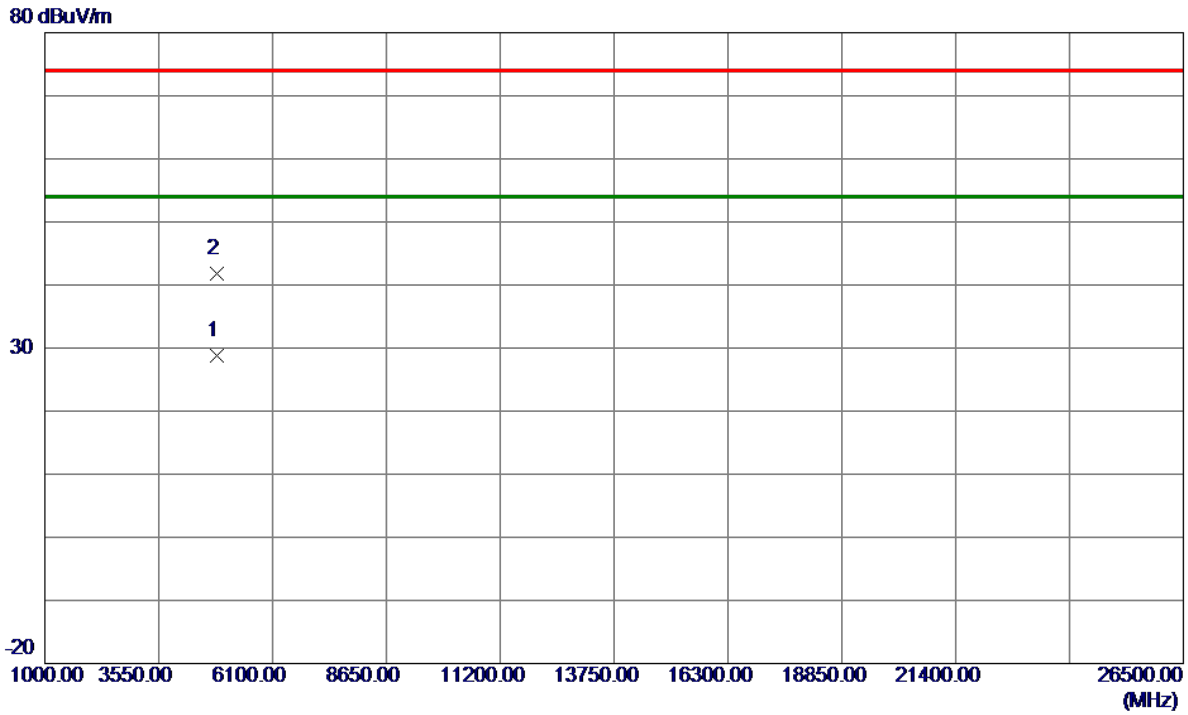
Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	55.34	9.98	65.32	74.00	-8.68	Peak	
2	2390.0000	43.76	9.98	53.74	54.00	-0.26	AVG	
3	2425.6000	94.32	9.99	104.31	74.00	30.31	Peak	No Limit
4 *	2425.9000	84.28	9.99	94.27	54.00	40.27	AVG	No Limit

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

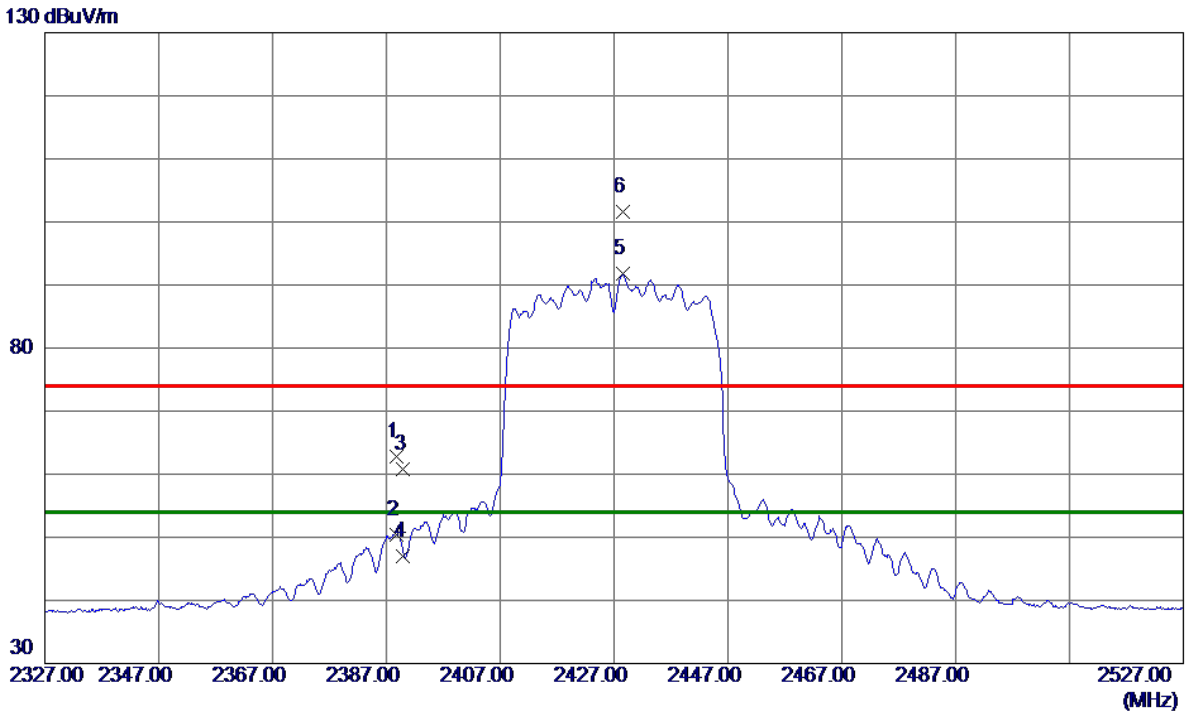
Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4853.3000	22.35	6.49	28.84	54.00	-25.16	AVG	
2	4853.8020	35.36	6.49	41.85	74.00	-32.15	Peak	

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

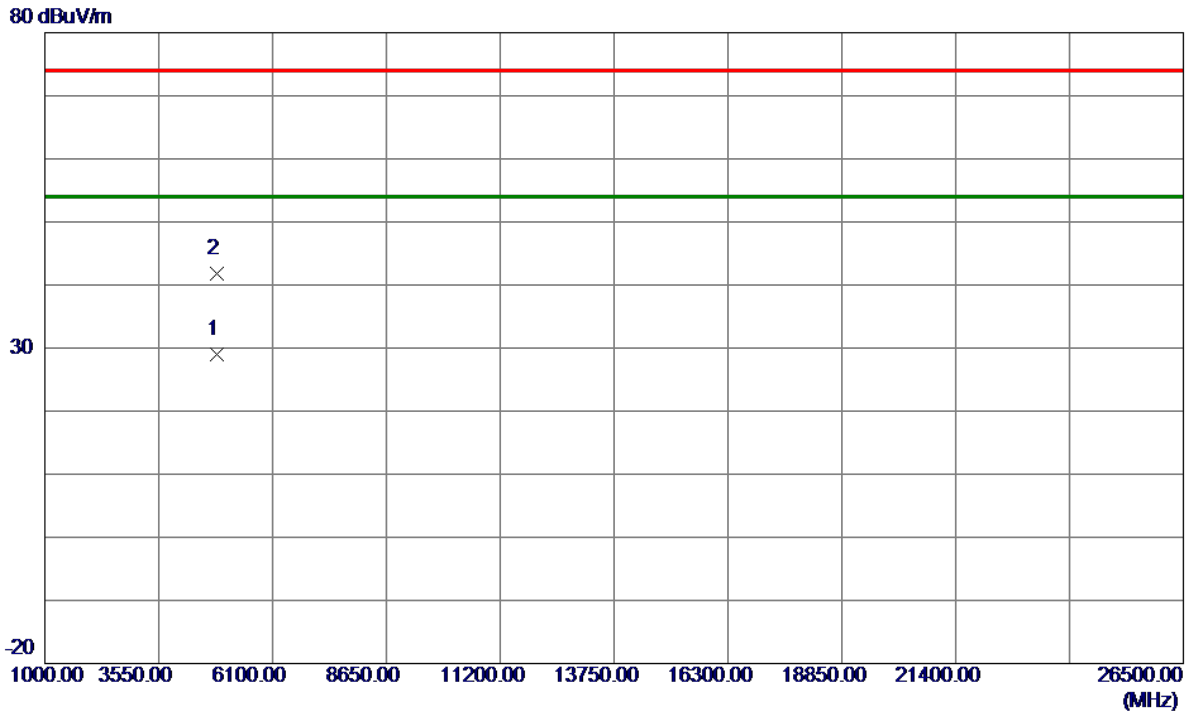
Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2388.7000	52.89	9.98	62.87	74.00	-11.13	Peak	
2	2388.7000	40.47	9.98	50.45	54.00	-3.55	AVG	
3	2390.0000	50.76	9.98	60.74	74.00	-13.26	Peak	
4	2390.0000	37.10	9.98	47.08	54.00	-6.92	AVG	
5 *	2428.5000	81.75	9.99	91.74	54.00	37.74	AVG	No Limit
6	2428.6000	91.70	9.99	101.69	74.00	27.69	Peak	No Limit

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

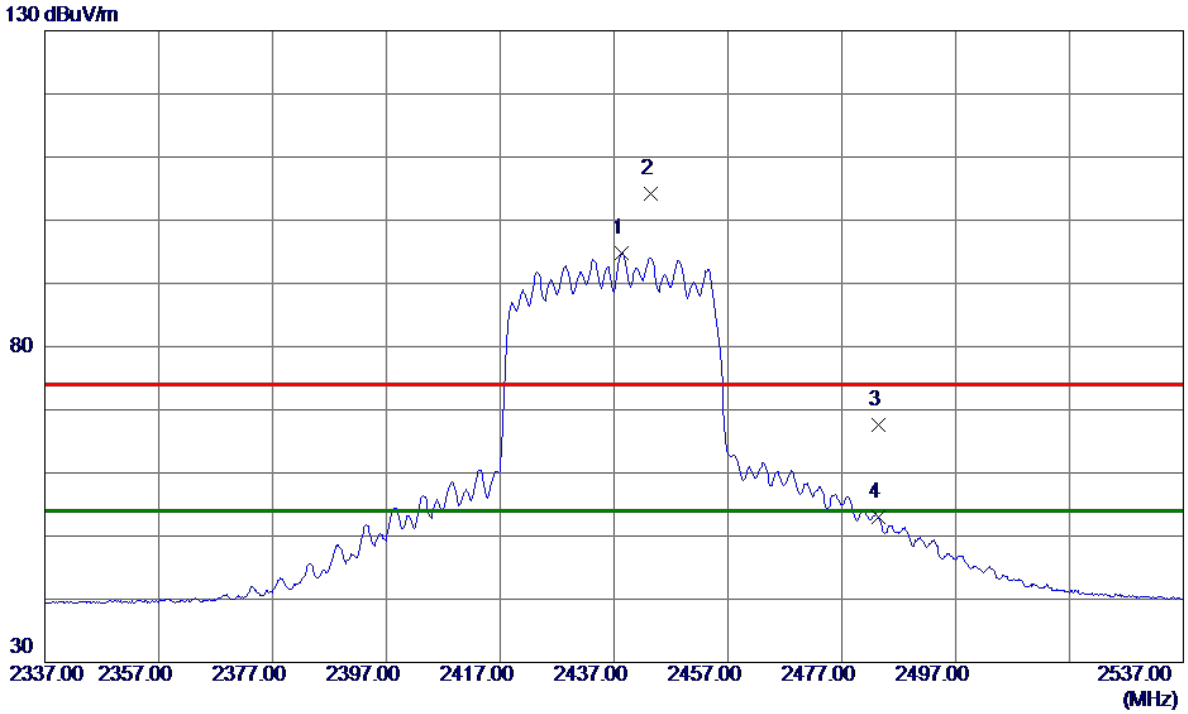
Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4853.0430	22.45	6.49	28.94	54.00	-25.06	AVG	
2	4854.1460	35.31	6.49	41.80	74.00	-32.20	Peak	

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

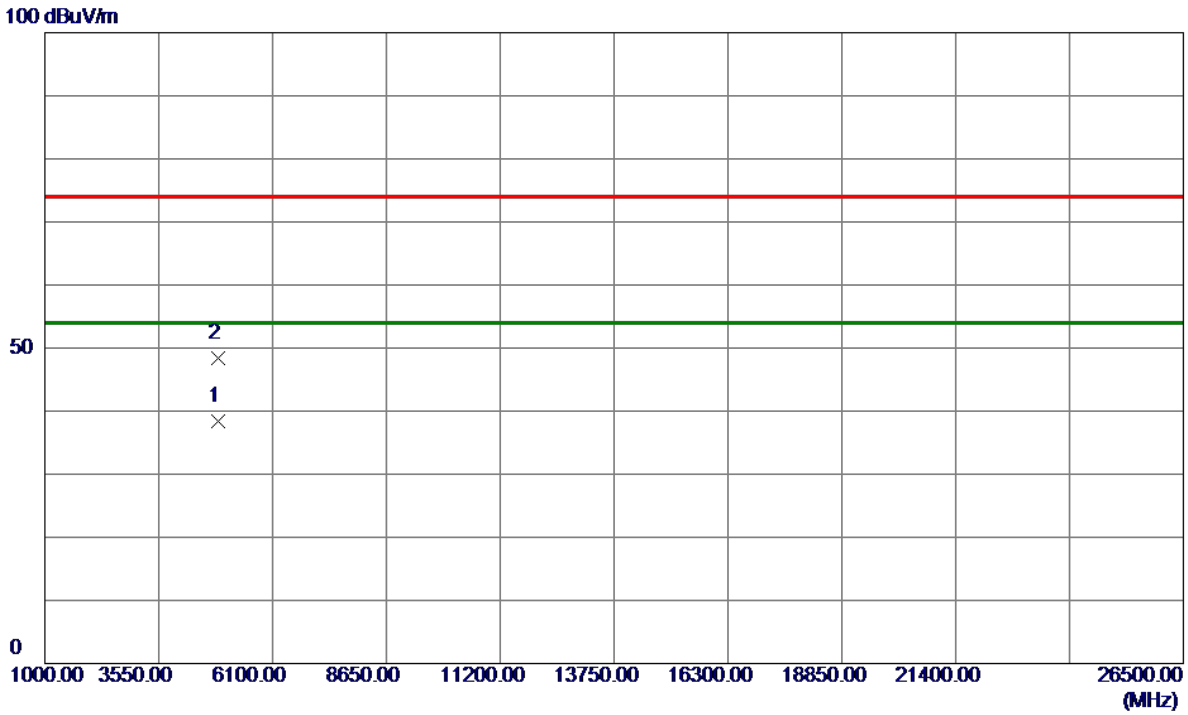
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2438.4000	83.72	11.13	94.85	54.00	40.85	AVG	No Limit
2	2443.5000	92.97	11.14	104.11	74.00	30.11	Peak	No Limit
3	2483.5000	56.52	11.16	67.68	74.00	-6.32	Peak	
4	2483.5000	41.87	11.16	53.03	54.00	-0.97	AVG	

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

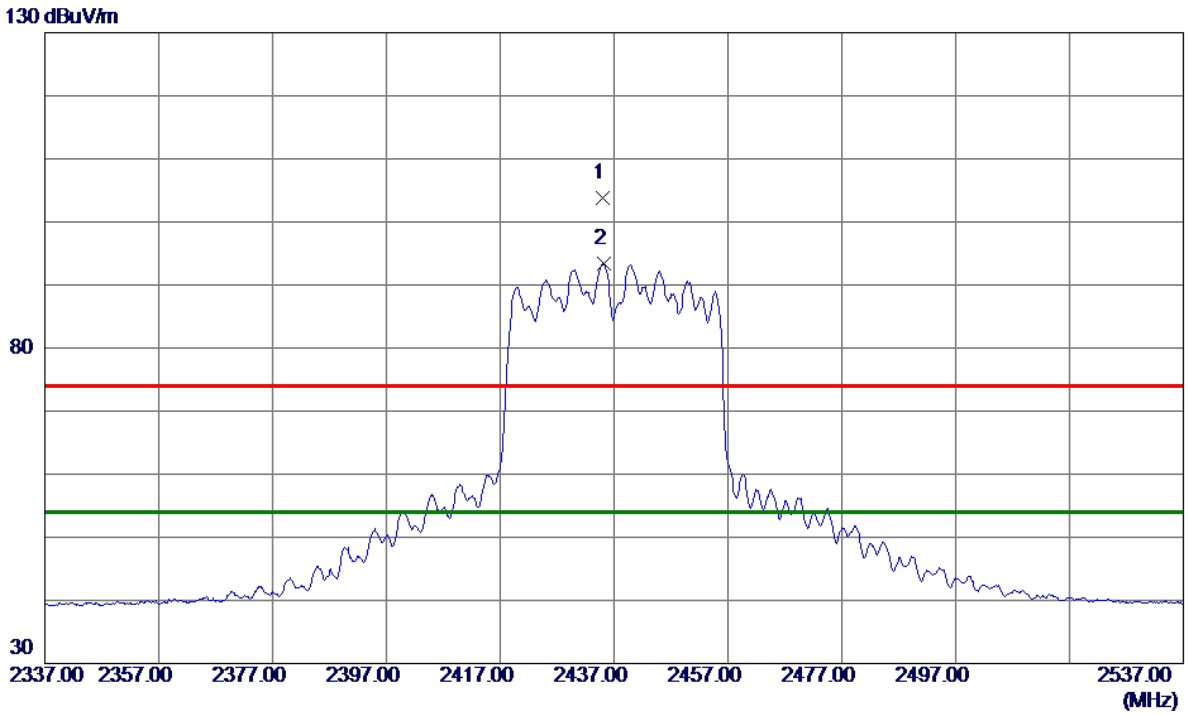
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.2900	30.26	8.18	38.44	54.00	-15.56	AVG	
2	4875.3500	40.29	8.18	48.47	74.00	-25.53	Peak	

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

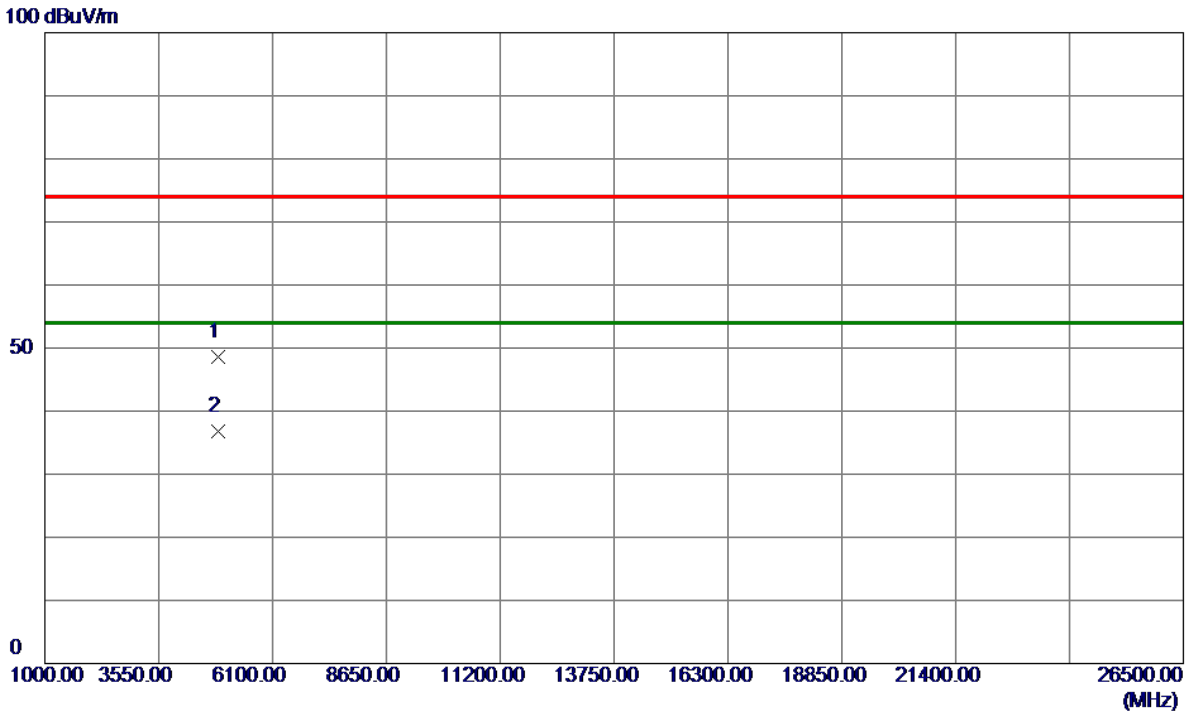
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2434.9000	92.76	11.13	103.89	74.00	29.89	Peak	No Limit
2 *	2435.2000	82.30	11.13	93.43	54.00	39.43	AVG	No Limit

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

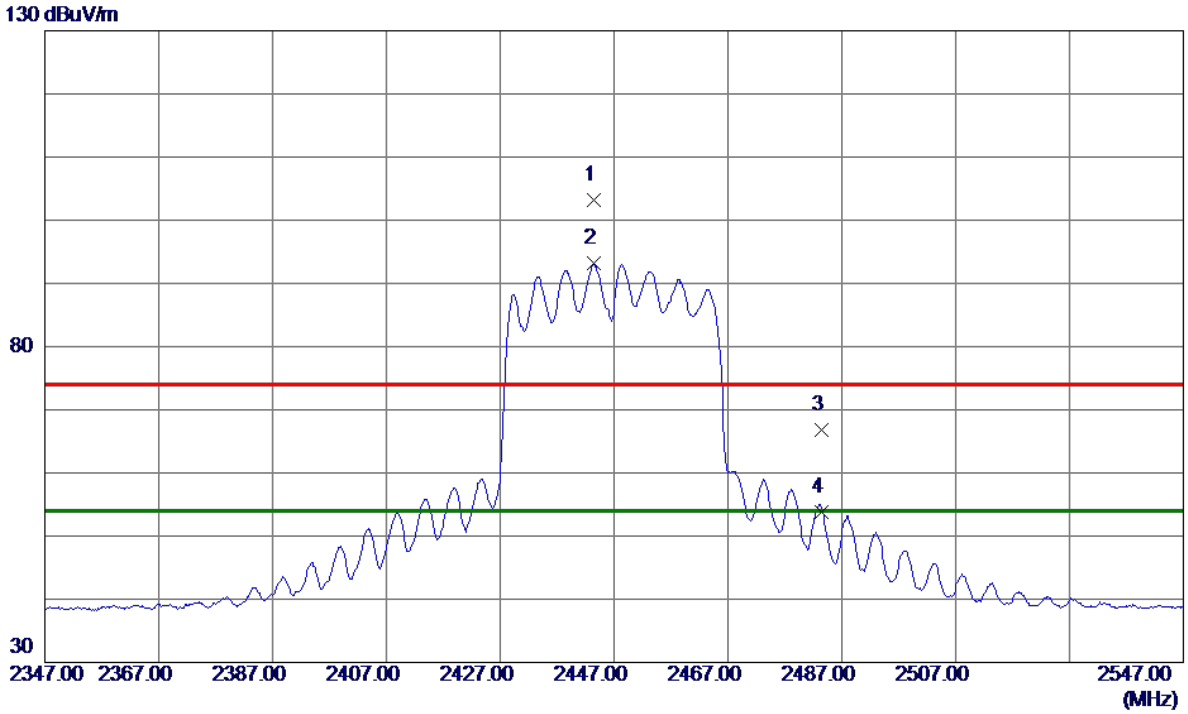
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.3100	40.35	8.18	48.53	74.00	-25.47	Peak	
2 *	4874.6500	28.70	8.18	36.88	54.00	-17.12	AVG	

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

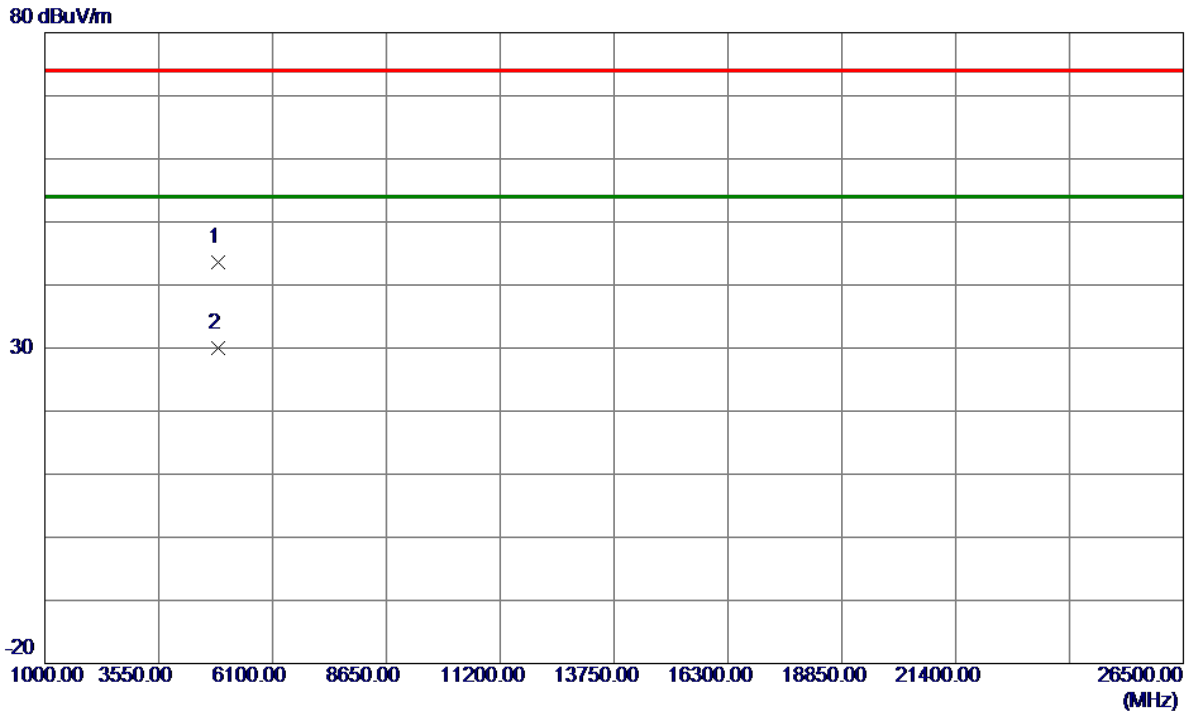
Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2443.4000	93.27	10.00	103.27	74.00	29.27	Peak	No Limit
2 *	2443.5000	83.17	10.00	93.17	54.00	39.17	AVG	No Limit
3	2483.5000	56.75	10.01	66.76	74.00	-7.24	Peak	
4	2483.5000	43.74	10.01	53.75	54.00	-0.25	AVG	

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

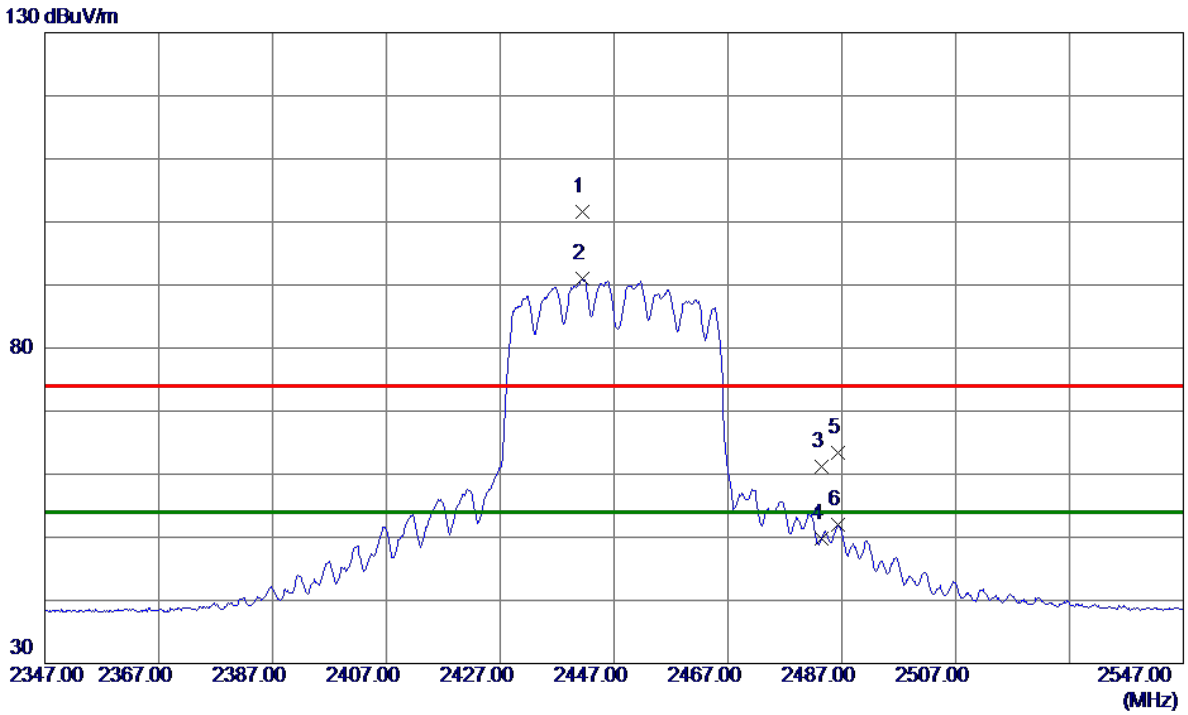
Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4893.3310	36.91	6.62	43.53	74.00	-30.47	Peak	
2 *	4893.9460	23.36	6.62	29.98	54.00	-24.02	AVG	

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

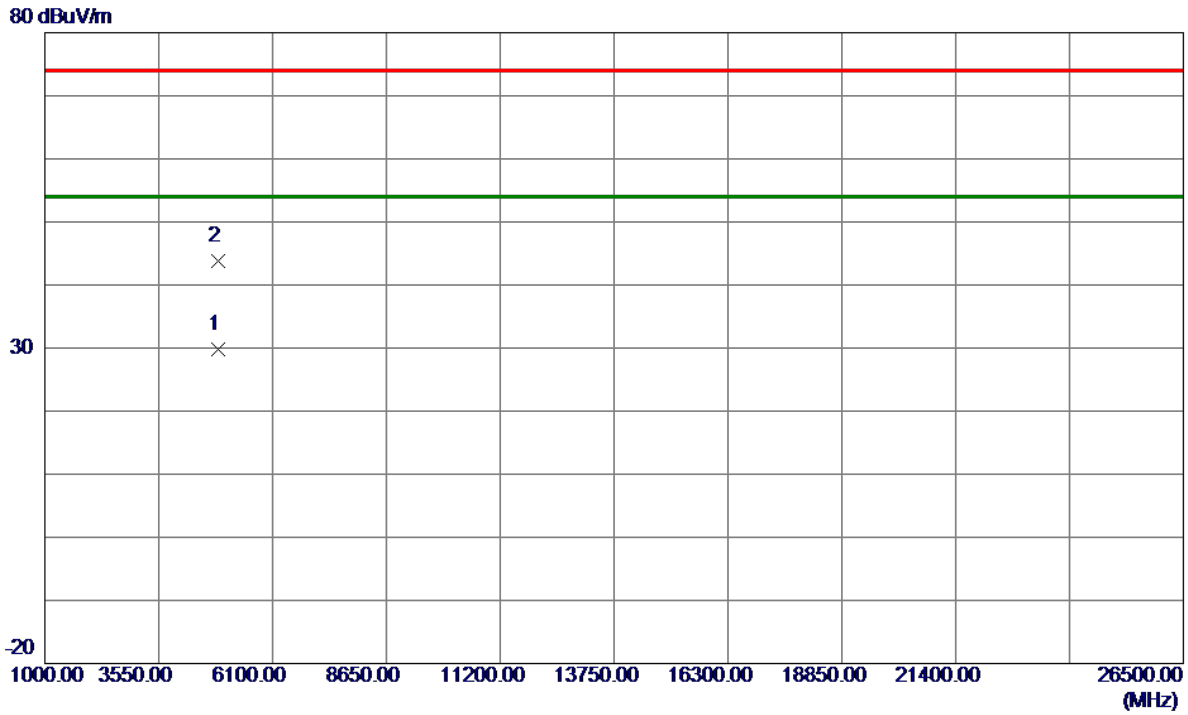
Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2441.4000	91.60	10.00	101.60	74.00	27.60	Peak	No Limit
2 *	2441.5000	81.00	10.00	91.00	54.00	37.00	AVG	No Limit
3	2483.5000	51.21	10.01	61.22	74.00	-12.78	Peak	
4	2483.5000	39.87	10.01	49.88	54.00	-4.12	AVG	
5	2486.4000	53.30	10.01	63.31	74.00	-10.69	Peak	
6	2486.4000	41.93	10.01	51.94	54.00	-2.06	AVG	

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

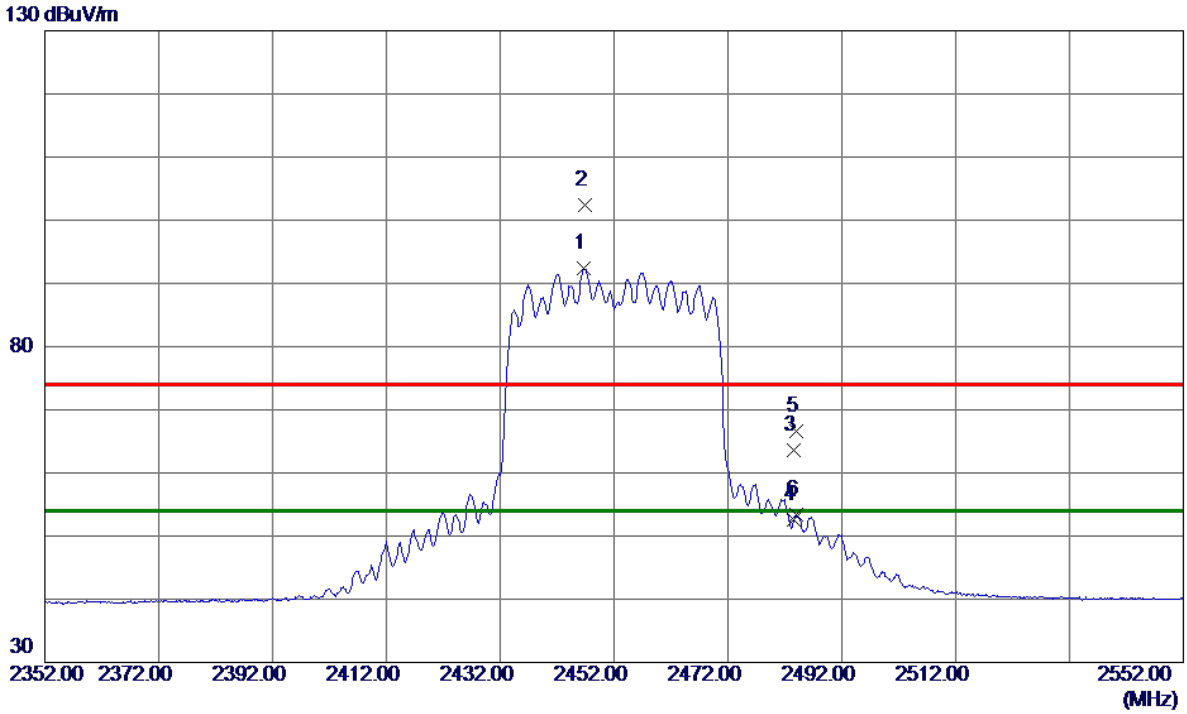
Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4893.6720	23.26	6.62	29.88	54.00	-24.12	AVG	
2	4894.6920	37.09	6.62	43.71	74.00	-30.29	Peak	

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

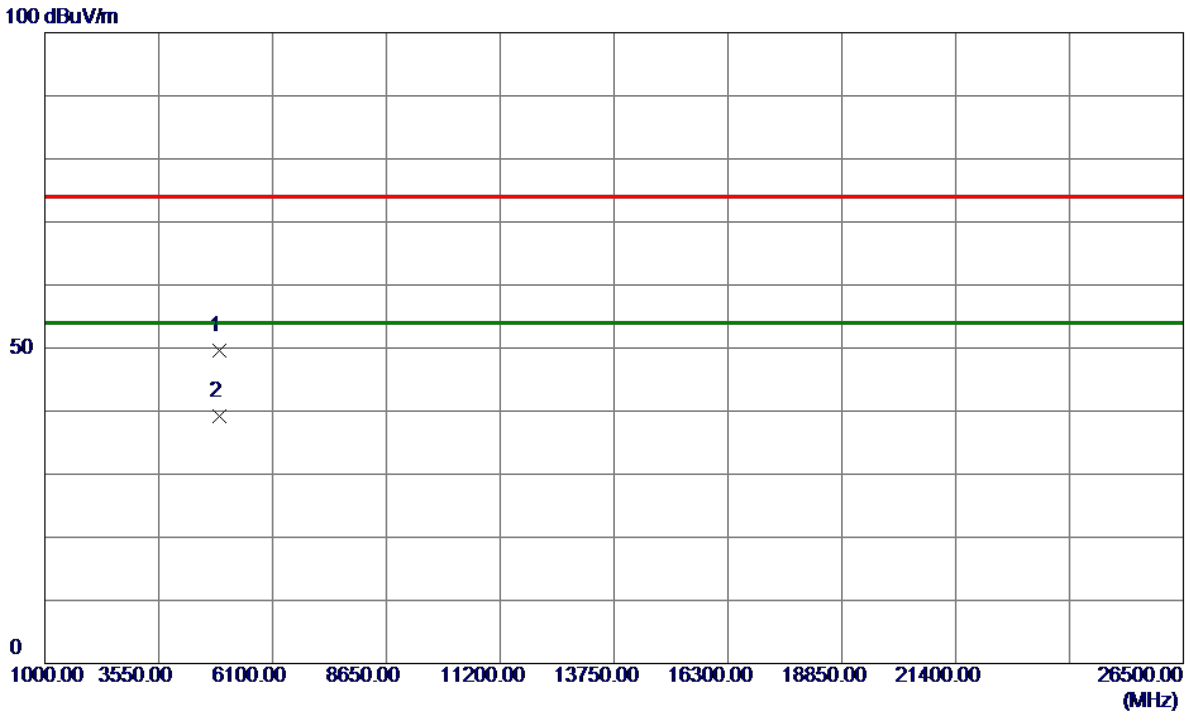
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2446.7000	81.17	11.14	92.31	54.00	38.31	AVG	No Limit
2	2446.8000	91.35	11.14	102.49	74.00	28.49	Peak	No Limit
3	2483.5000	52.36	11.16	63.52	74.00	-10.48	Peak	
4	2483.5000	41.40	11.16	52.56	54.00	-1.44	AVG	
5	2484.0000	55.43	11.16	66.59	74.00	-7.41	Peak	
6	2484.0000	42.29	11.16	53.45	54.00	-0.55	AVG	

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

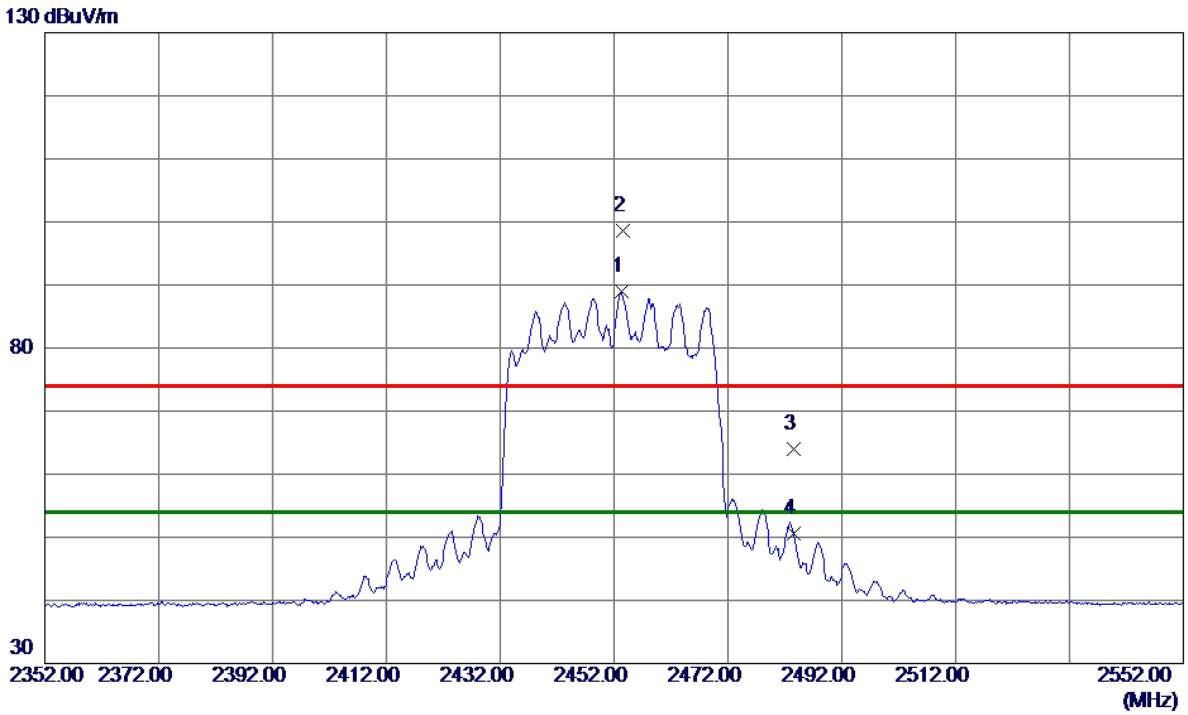
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.8600	41.39	8.28	49.67	74.00	-24.33	Peak	
2 *	4904.1900	30.87	8.28	39.15	54.00	-14.85	AVG	

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

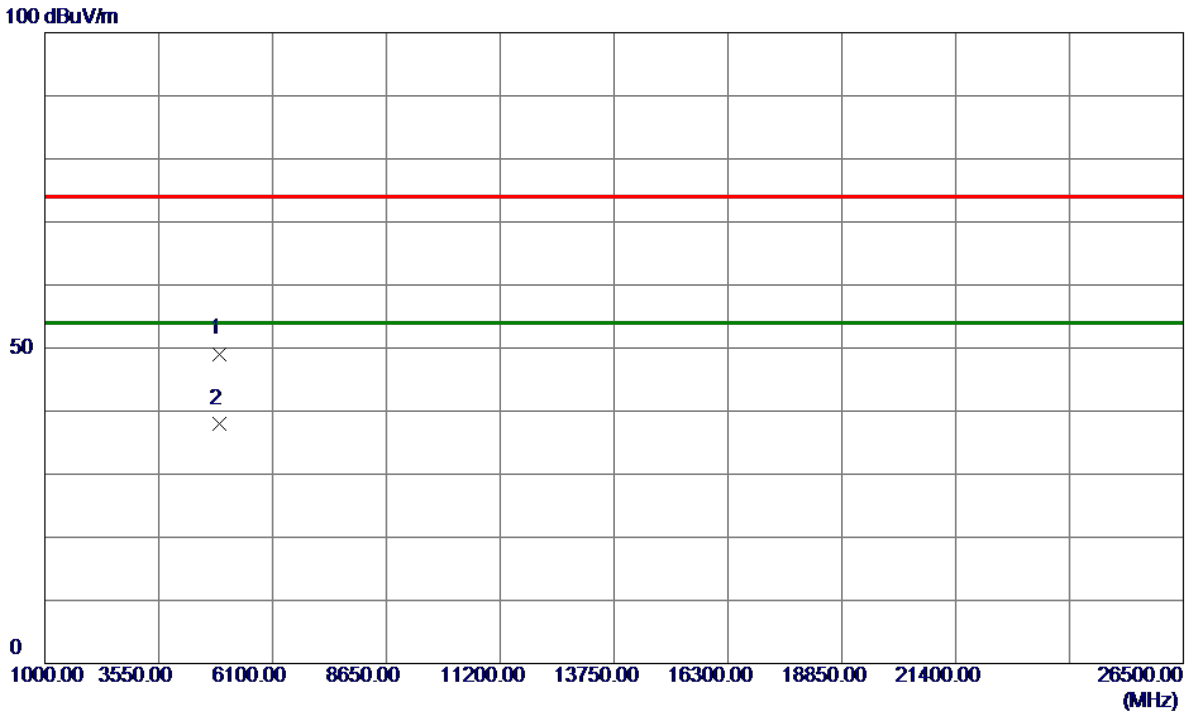
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2453.3000	77.90	11.14	89.04	54.00	35.04	AVG	No Limit
2	2453.5000	87.49	11.14	98.63	74.00	24.63	Peak	No Limit
3	2483.5000	52.78	11.16	63.94	74.00	-10.06	Peak	
4	2483.5000	39.38	11.16	50.54	54.00	-3.46	AVG	

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

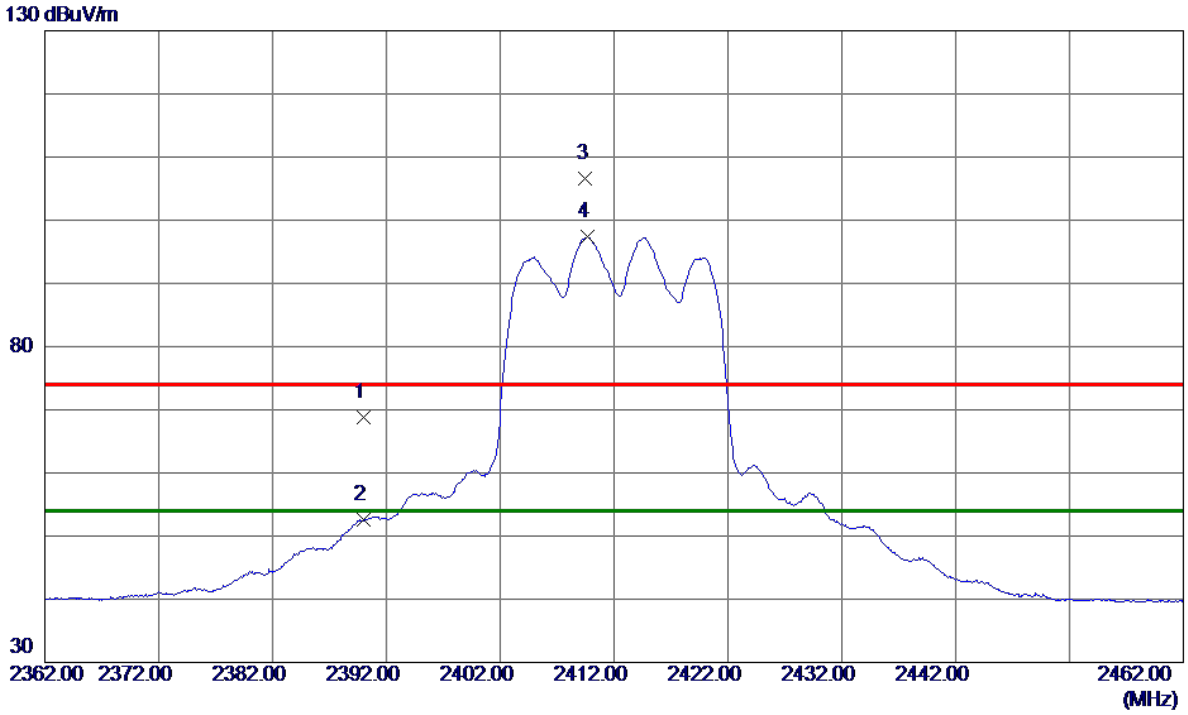
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.9100	40.82	8.28	49.10	74.00	-24.90	Peak	
2 *	4903.9500	29.72	8.28	38.00	54.00	-16.00	AVG	

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

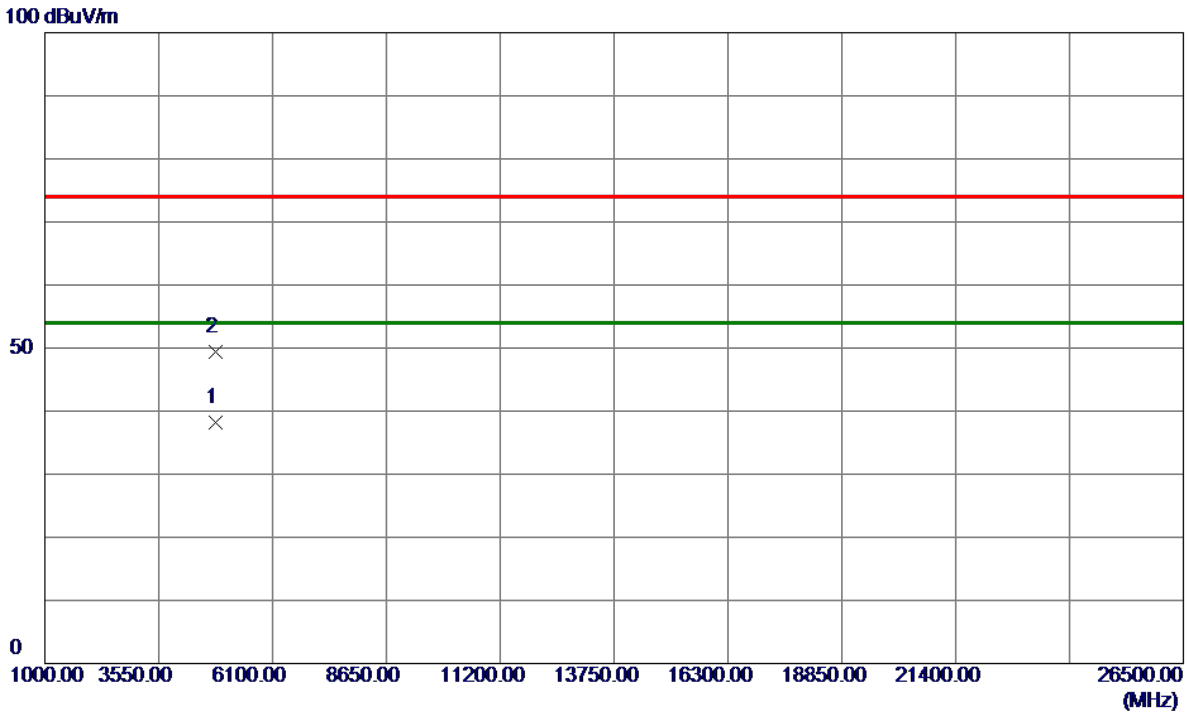
Test Mode	TX vht20 Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	57.67	11.10	68.77	74.00	-5.23	Peak	
2	2390.0000	41.57	11.10	52.67	54.00	-1.33	AVG	
3	2409.5000	95.56	11.12	106.68	74.00	32.68	Peak	No Limit
4 *	2409.7000	86.23	11.12	97.35	54.00	43.35	AVG	No Limit

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

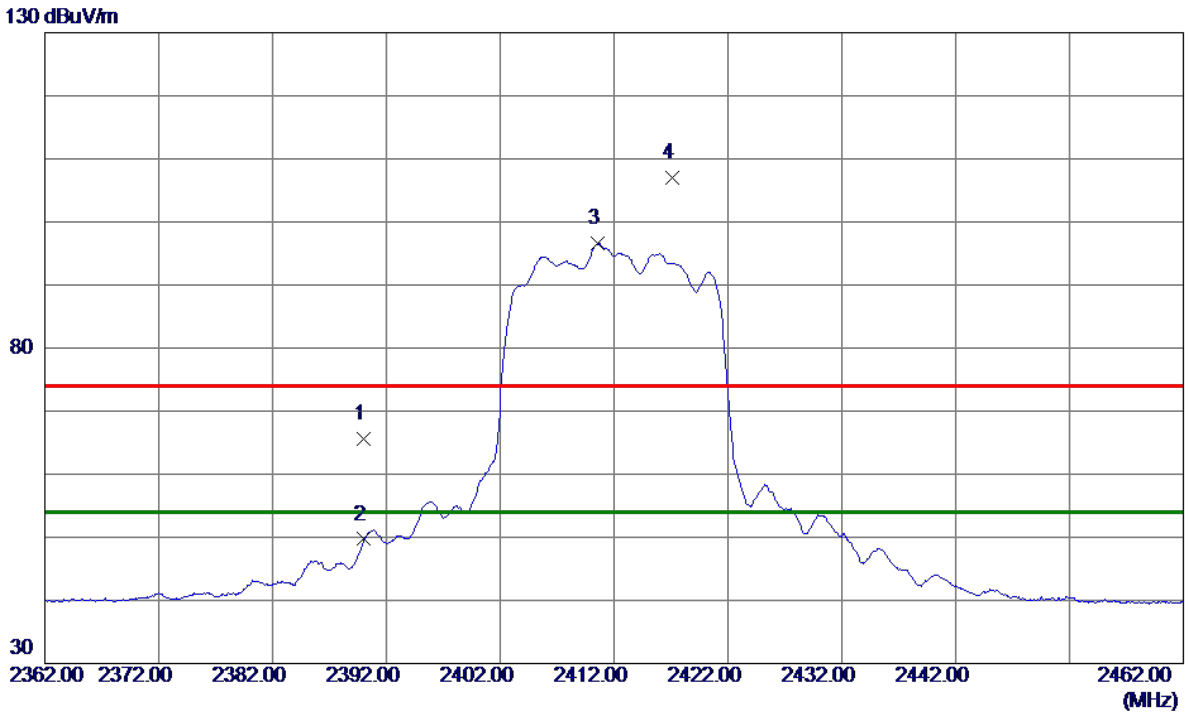
Test Mode	TX vht20 Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.8000	30.19	8.02	38.21	54.00	-15.79	AVG	
2	4827.6600	41.37	8.03	49.40	74.00	-24.60	Peak	

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

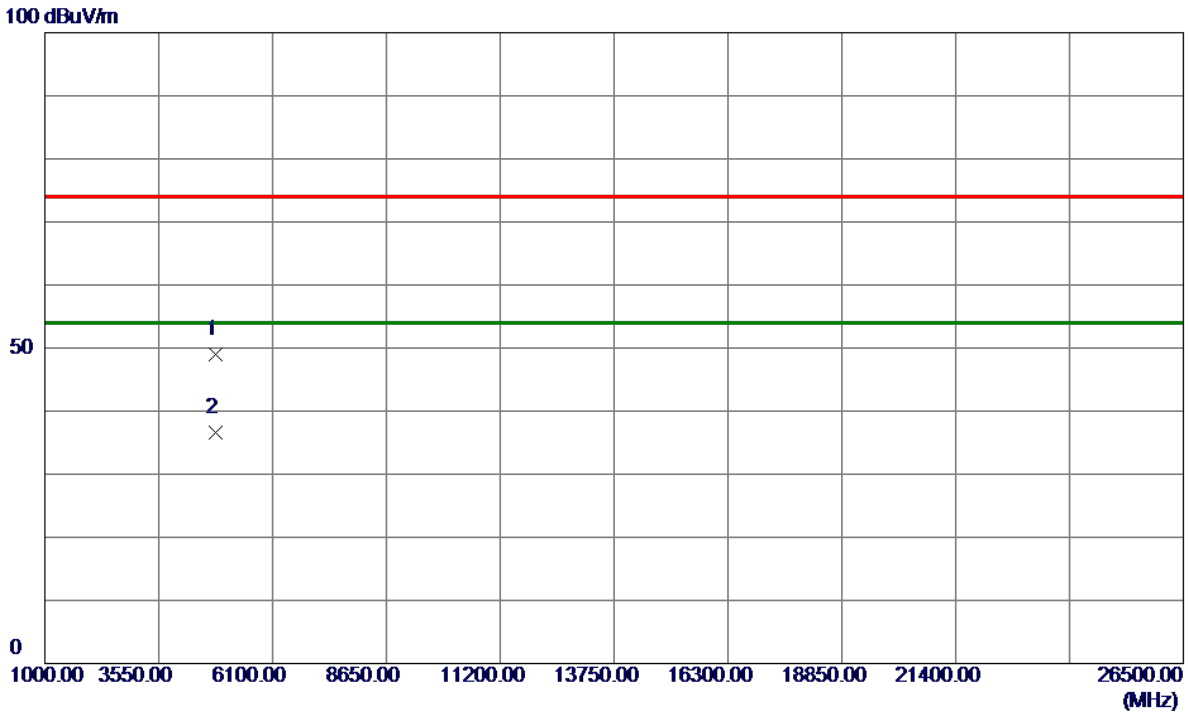
Test Mode	TX vht20 Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	54.54	11.10	65.64	74.00	-8.36	Peak	
2	2390.0000	38.60	11.10	49.70	54.00	-4.30	AVG	
3 *	2410.6000	85.51	11.12	96.63	54.00	42.63	AVG	No Limit
4	2417.1000	95.84	11.12	106.96	74.00	32.96	Peak	No Limit

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

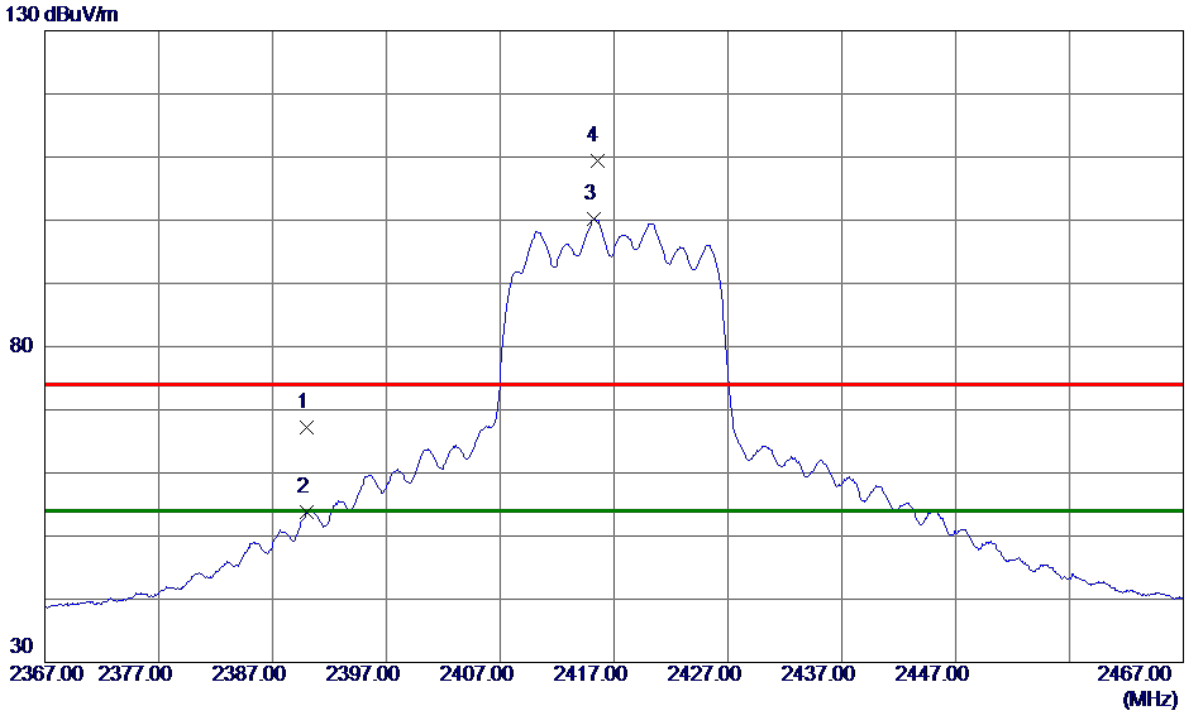
Test Mode	TX vht20 Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.4000	41.00	8.02	49.02	74.00	-24.98	Peak	
2 *	4824.6500	28.58	8.02	36.60	54.00	-17.40	AVG	

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

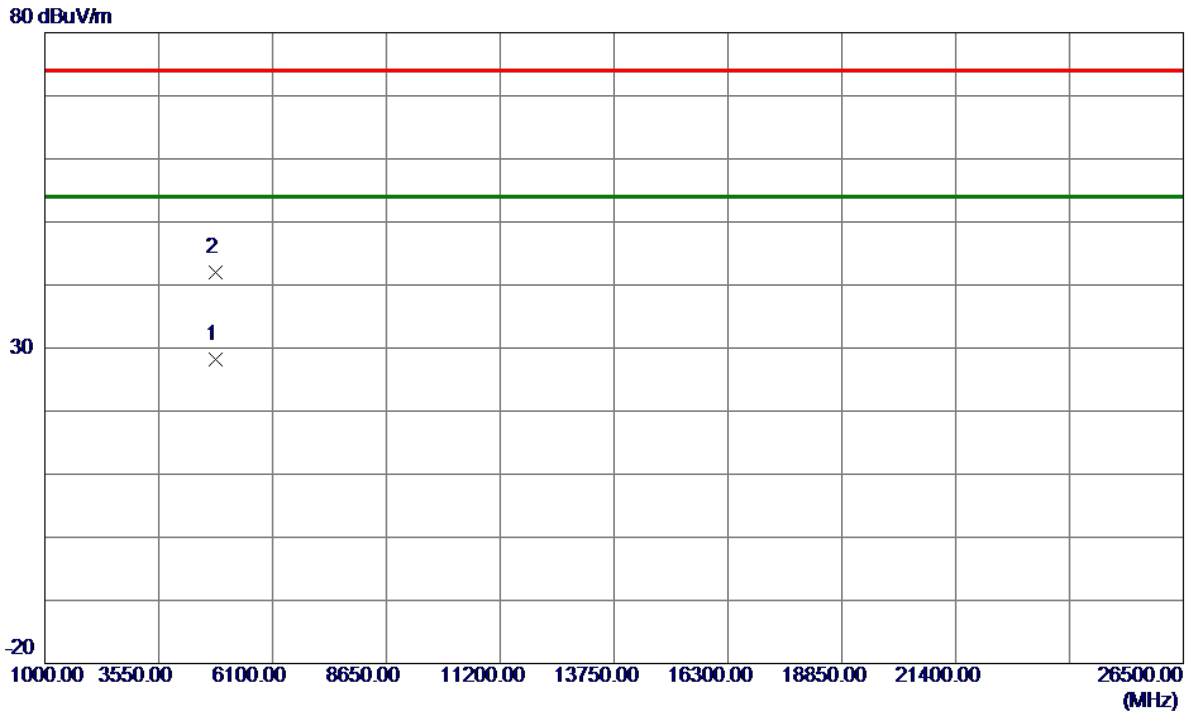
Test Mode	TX vht20 Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	57.28	9.98	67.26	74.00	-6.74	Peak	
2	2390.0000	43.74	9.98	53.72	54.00	-0.28	AVG	
3 *	2415.2500	90.16	9.99	100.15	54.00	46.15	AVG	No Limit
4	2415.5000	99.32	9.99	109.31	74.00	35.31	Peak	No Limit

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

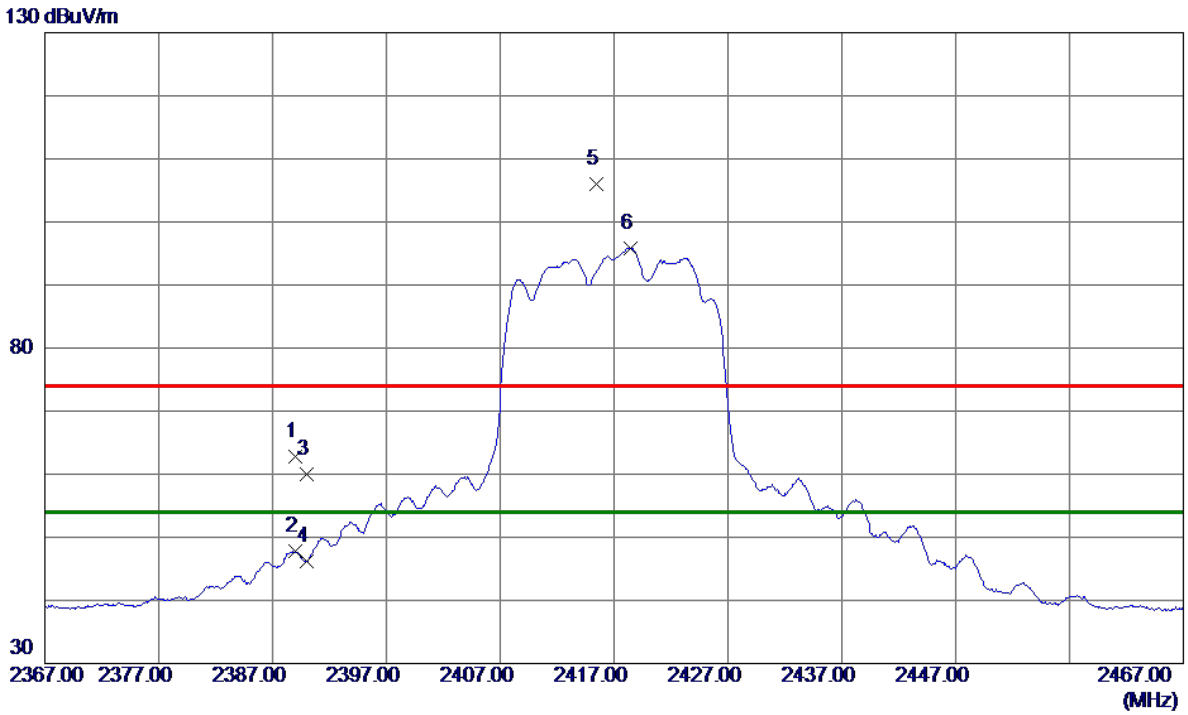
Test Mode	TX vht20 Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4833.0190	21.86	6.43	28.29	54.00	-25.71	AVG	
2	4833.3290	35.64	6.43	42.07	74.00	-31.93	Peak	

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

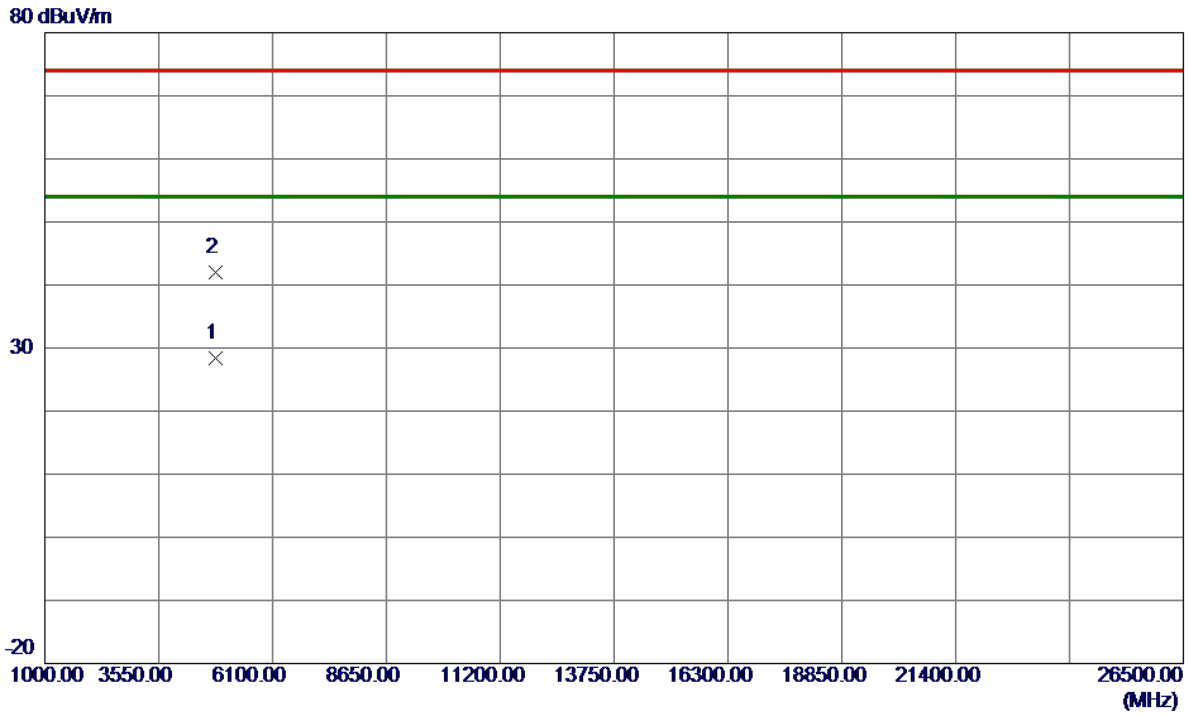
Test Mode	TX vht20 Mode 2417 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.0500	52.86	9.98	62.84	74.00	-11.16	Peak	
2	2389.0500	37.84	9.98	47.82	54.00	-6.18	AVG	
3	2390.0000	49.96	9.98	59.94	74.00	-14.06	Peak	
4	2390.0000	36.21	9.98	46.19	54.00	-7.81	AVG	
5	2415.4500	95.96	9.99	105.95	74.00	31.95	Peak	No Limit
6 *	2418.4000	85.90	9.99	95.89	54.00	41.89	AVG	No Limit

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

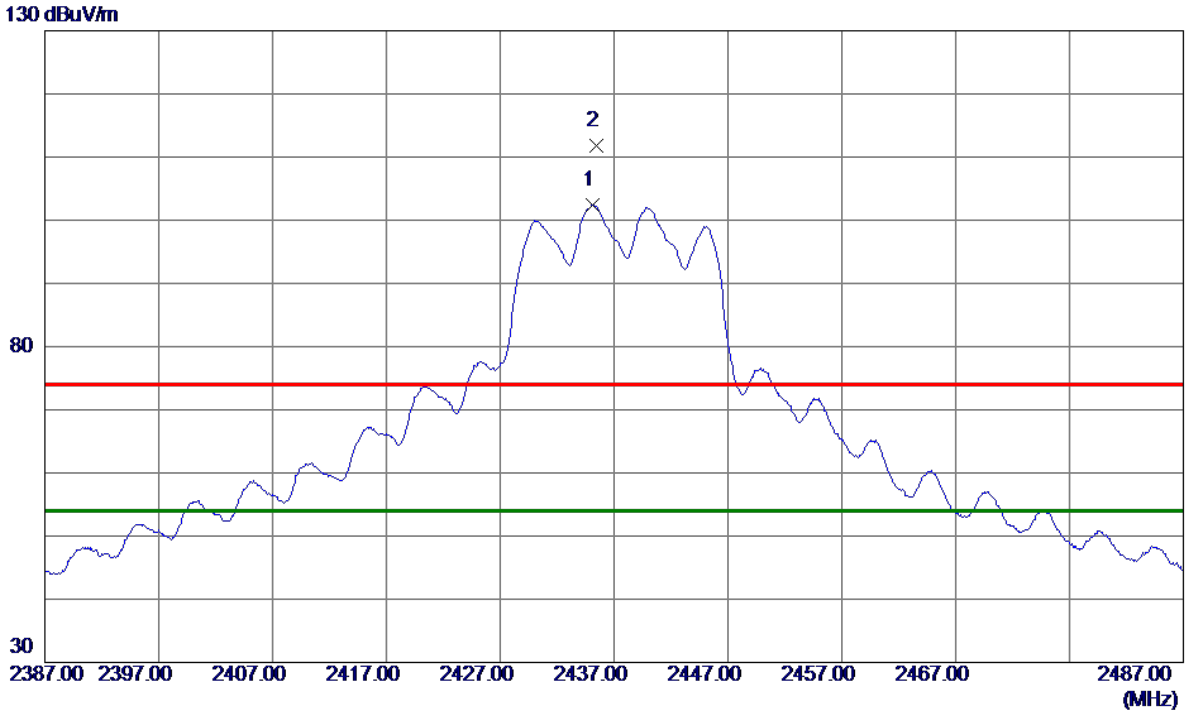
Test Mode	TX vht20 Mode 2417 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4833.1200	22.05	6.43	28.48	54.00	-25.52	AVG	
2	4833.6050	35.52	6.43	41.95	74.00	-32.05	Peak	

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

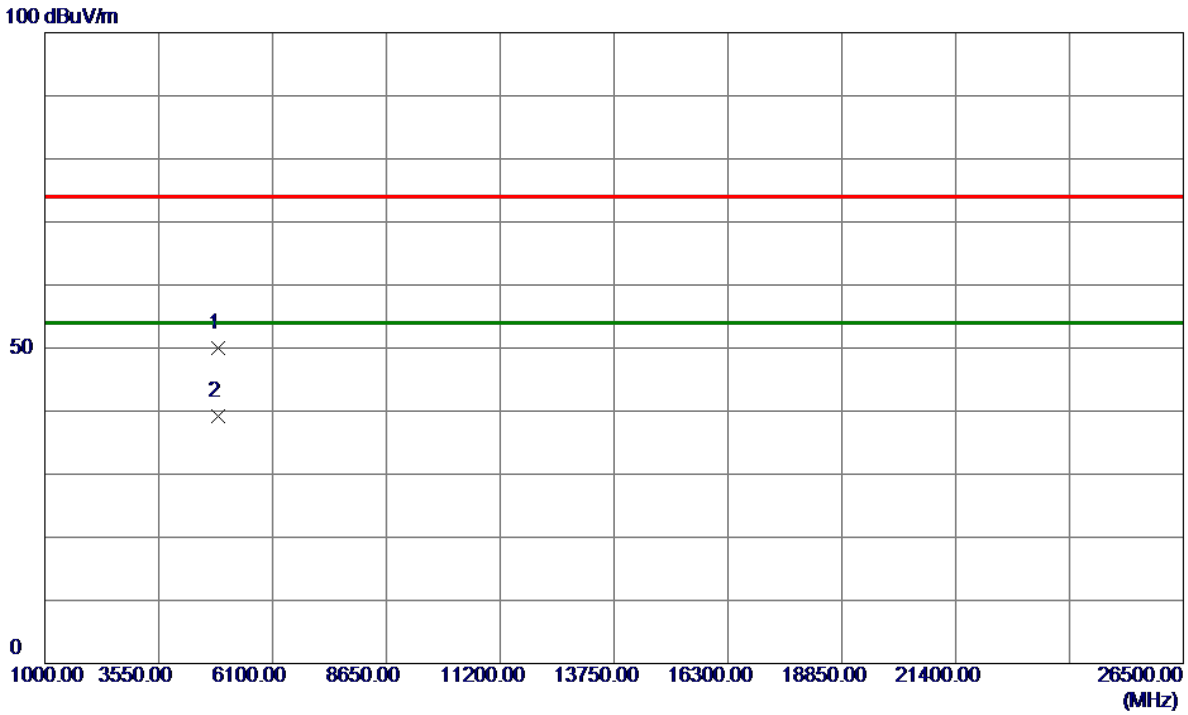
Test Mode	TX vht20 Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2435.1500	91.29	11.13	102.42	54.00	48.42	AVG	No Limit
2	2435.4000	100.73	11.13	111.86	74.00	37.86	Peak	No Limit

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

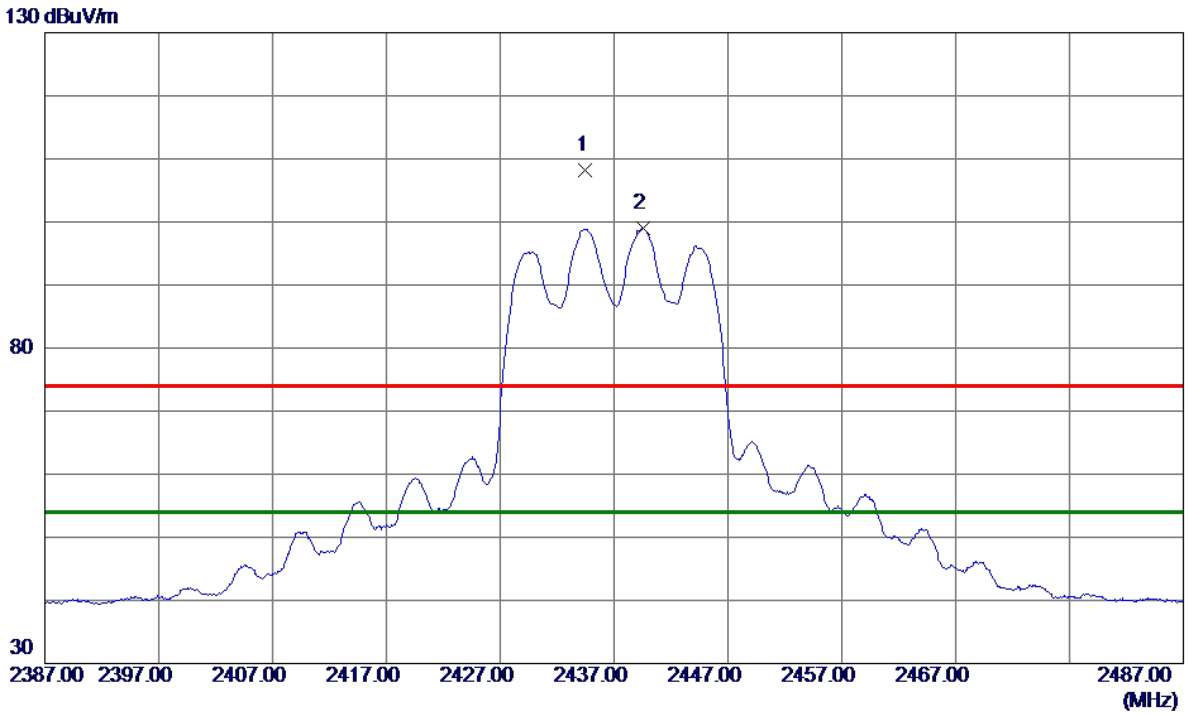
Test Mode	TX vht20 Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4869.8200	41.87	8.16	50.03	74.00	-23.97	Peak	
2 *	4874.5600	31.05	8.18	39.23	54.00	-14.77	AVG	

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

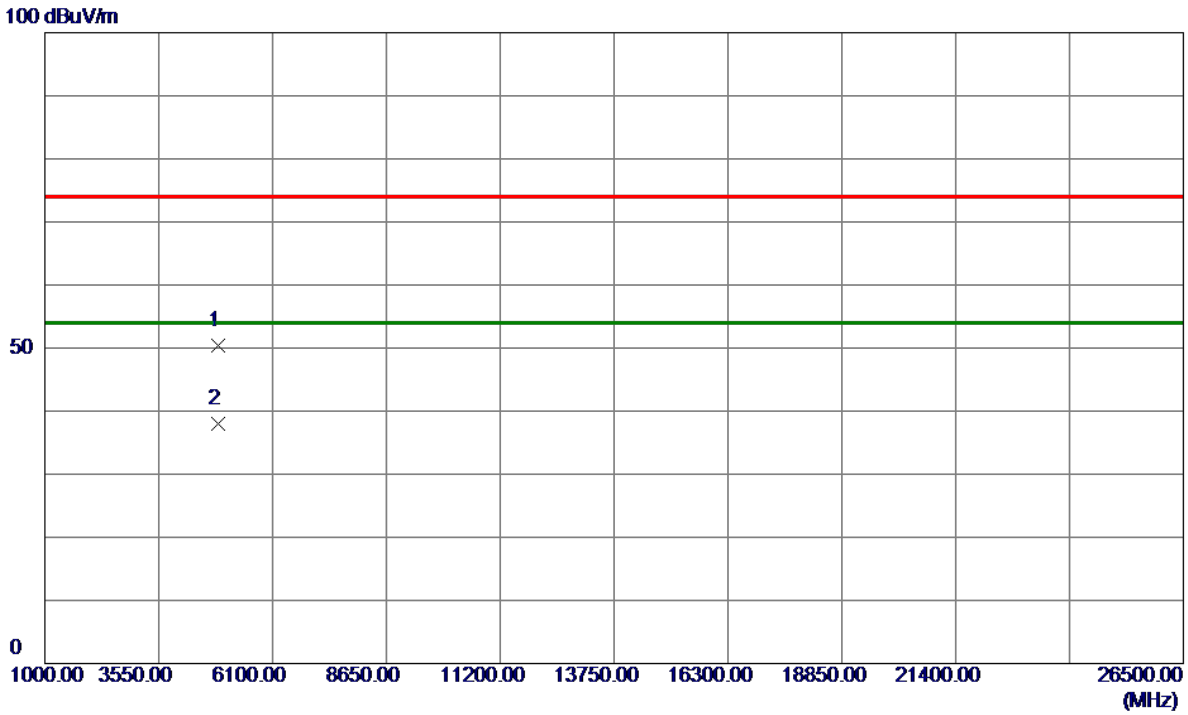
Test Mode	TX vht20 Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2434.5000	97.07	11.13	108.20	74.00	34.20	Peak	No Limit
2 *	2439.5500	87.96	11.13	99.09	54.00	45.09	AVG	No Limit

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

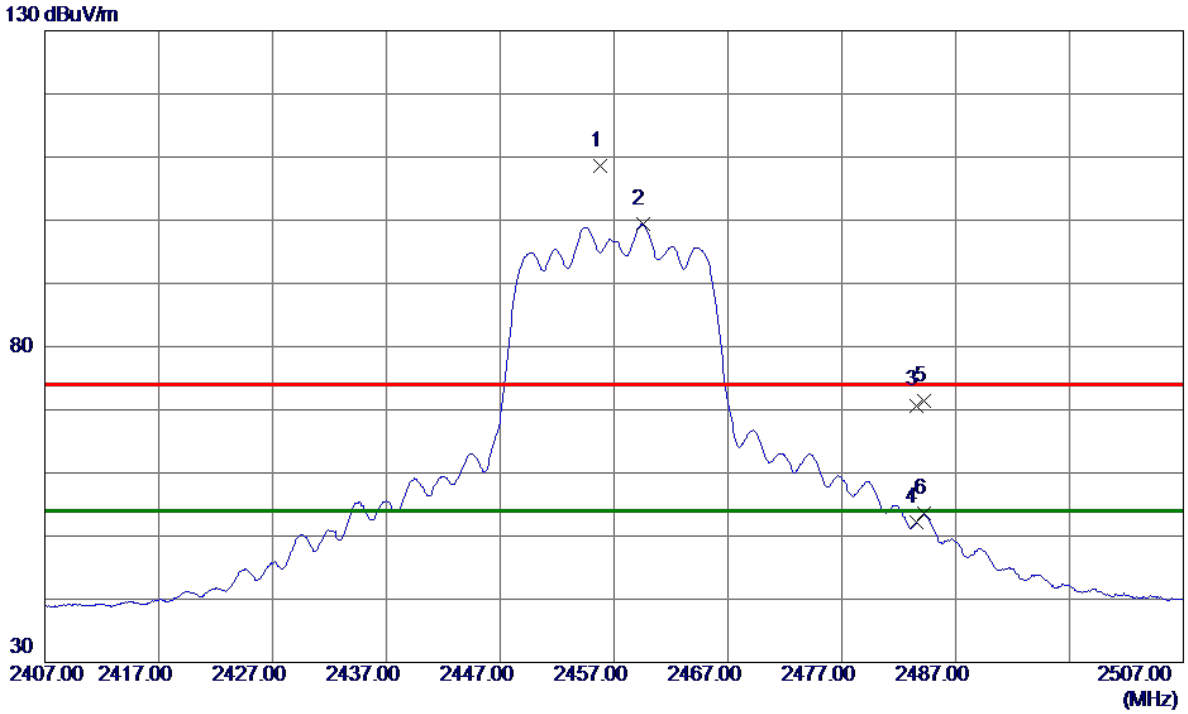
Test Mode	TX vht20 Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.2000	42.20	8.18	50.38	74.00	-23.62	Peak	
2 *	4874.4100	29.78	8.18	37.96	54.00	-16.04	AVG	

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

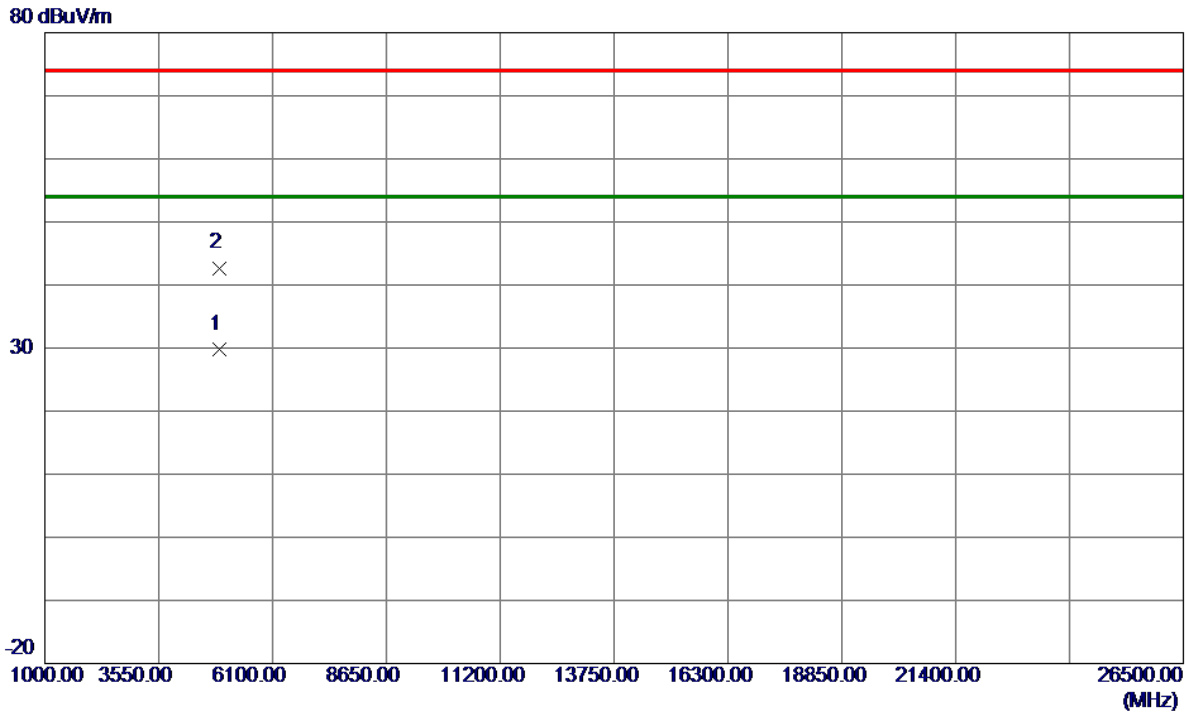
Test Mode	TX vht20 Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455.7500	98.51	10.00	108.51	74.00	34.51	Peak	No Limit
2 *	2459.5000	89.41	10.00	99.41	54.00	45.41	AVG	No Limit
3	2483.5000	60.69	10.01	70.70	74.00	-3.30	Peak	
4	2483.5000	42.10	10.01	52.11	54.00	-1.89	AVG	
5	2484.2000	61.45	10.01	71.46	74.00	-2.54	Peak	
6	2484.2000	43.56	10.01	53.57	54.00	-0.43	AVG	

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

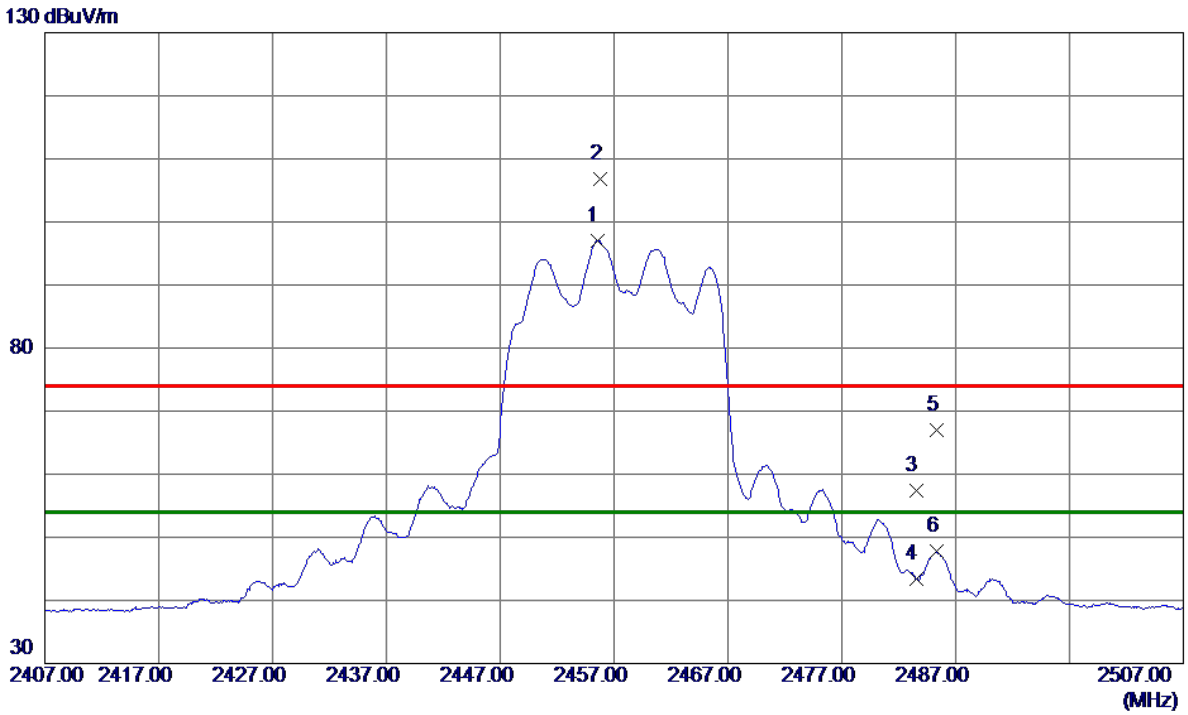
Test Mode	TX vht20 Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4913.4680	23.03	6.68	29.71	54.00	-24.29	AVG	
2	4914.5890	36.01	6.69	42.70	74.00	-31.30	Peak	

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

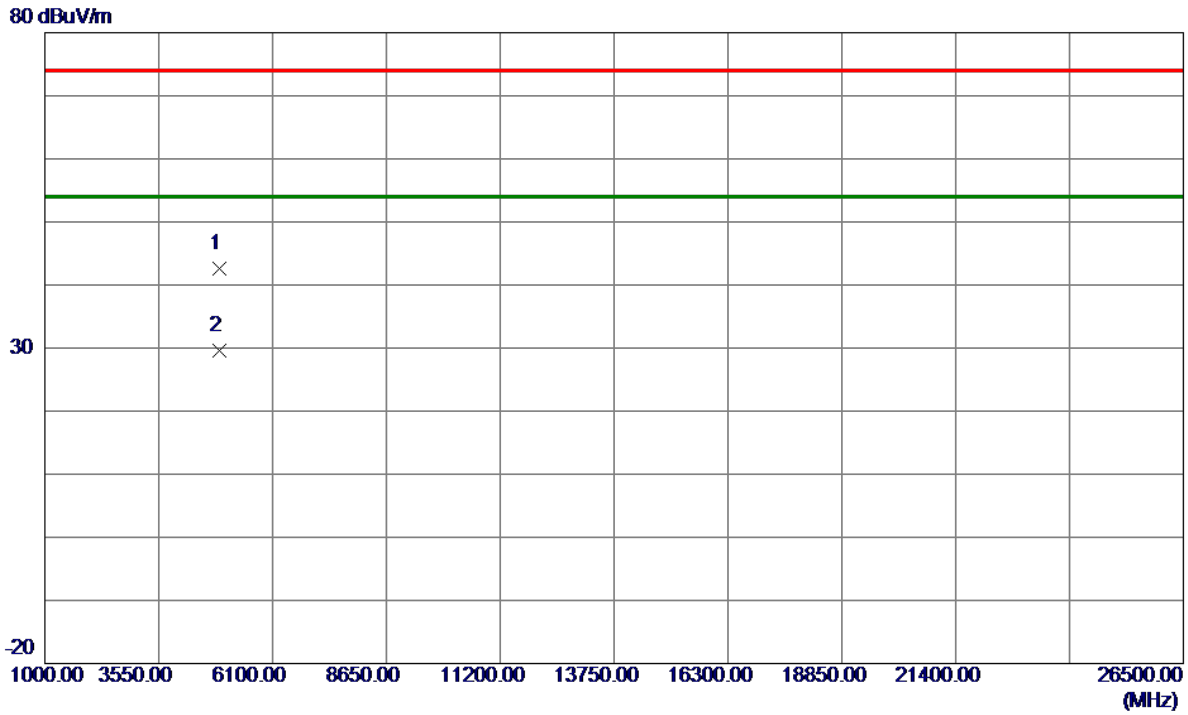
Test Mode	TX vht20 Mode 2457 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2455.5000	87.08	10.00	97.08	54.00	43.08	AVG	No Limit
2	2455.7500	96.82	10.00	106.82	74.00	32.82	Peak	No Limit
3	2483.5000	47.38	10.01	57.39	74.00	-16.61	Peak	
4	2483.5000	33.42	10.01	43.43	54.00	-10.57	AVG	
5	2485.3500	56.99	10.01	67.00	74.00	-7.00	Peak	
6	2485.3500	37.72	10.01	47.73	54.00	-6.27	AVG	

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

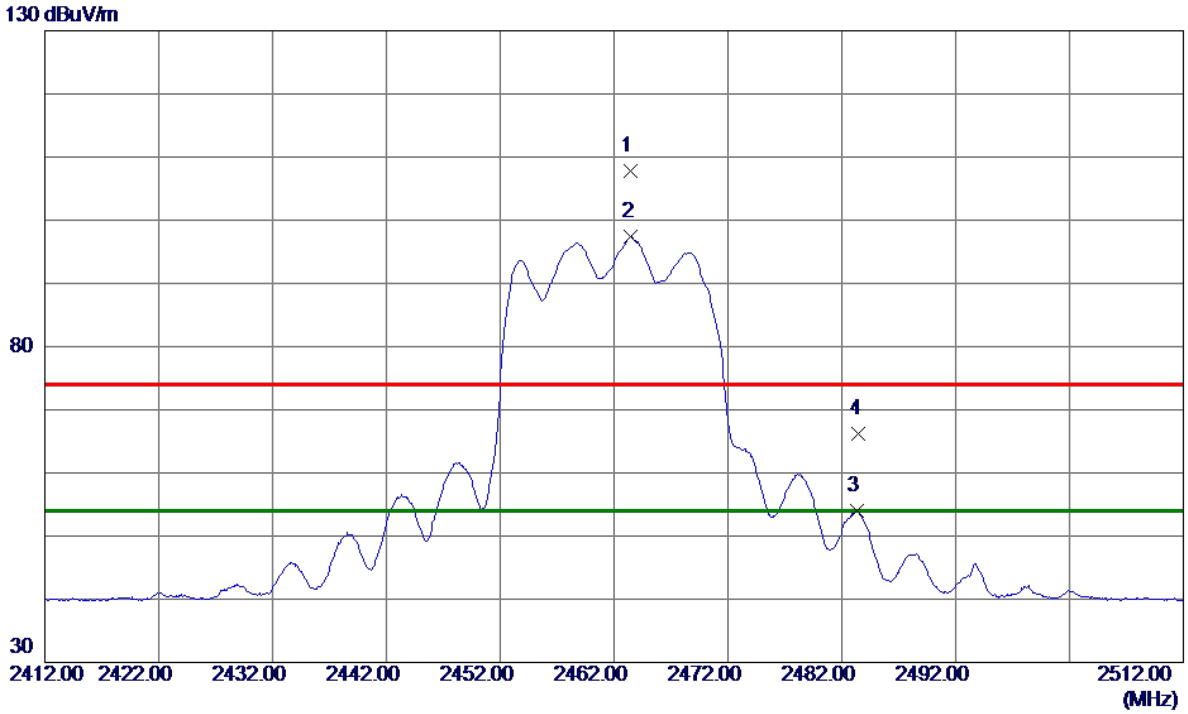
Test Mode	TX vht20 Mode 2457 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4913.5090	35.99	6.68	42.67	74.00	-31.33	Peak	
2 *	4914.1080	22.89	6.69	29.58	54.00	-24.42	AVG	

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

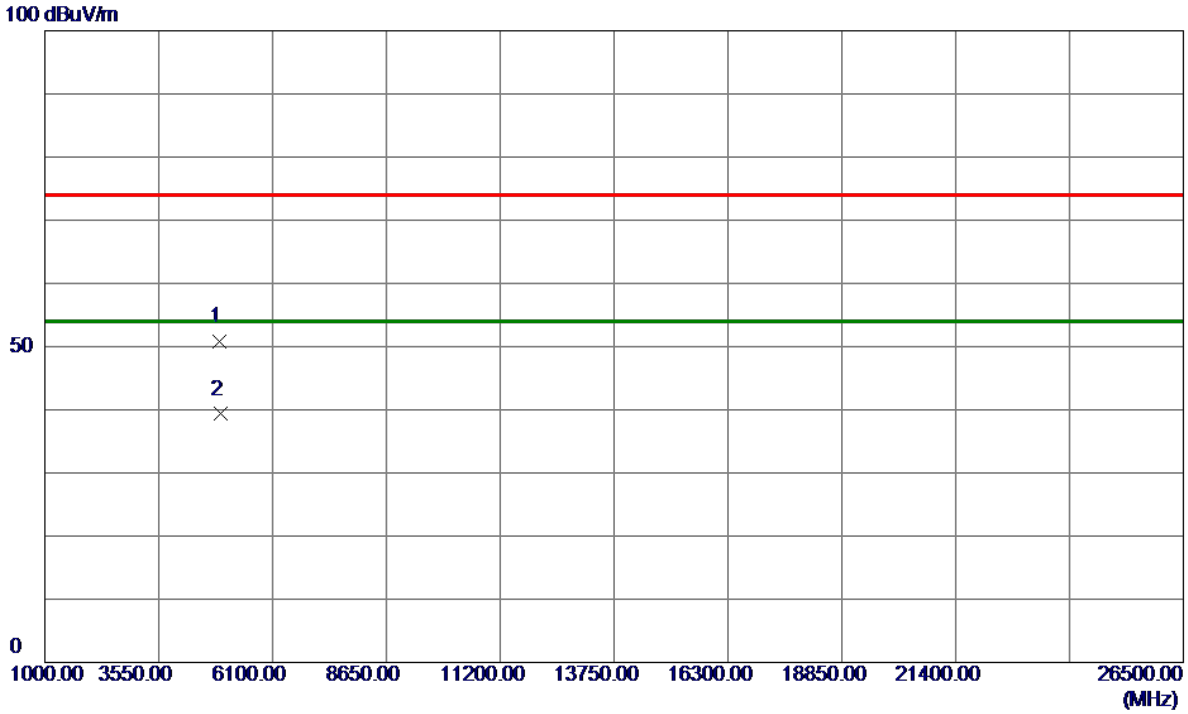
Test Mode	TX vht20 Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463.4000	96.65	11.15	107.80	74.00	33.80	Peak	No Limit
2 *	2463.5000	86.29	11.15	97.44	54.00	43.44	AVG	No Limit
3	2483.3000	42.79	11.16	53.95	54.00	-0.05	AVG	
4	2483.5000	54.98	11.16	66.14	74.00	-7.86	Peak	

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

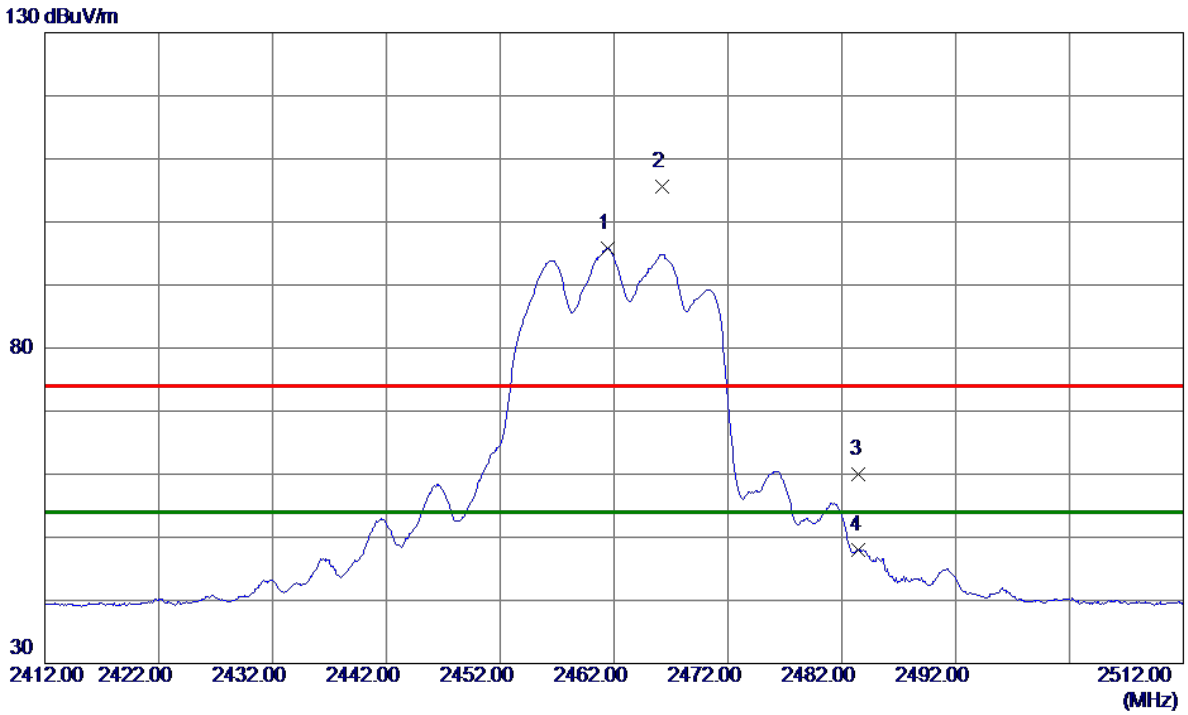
Test Mode	TX vht20 Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.5500	42.47	8.34	50.81	74.00	-23.19	Peak	
2 *	4924.2300	30.96	8.34	39.30	54.00	-14.70	AVG	

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

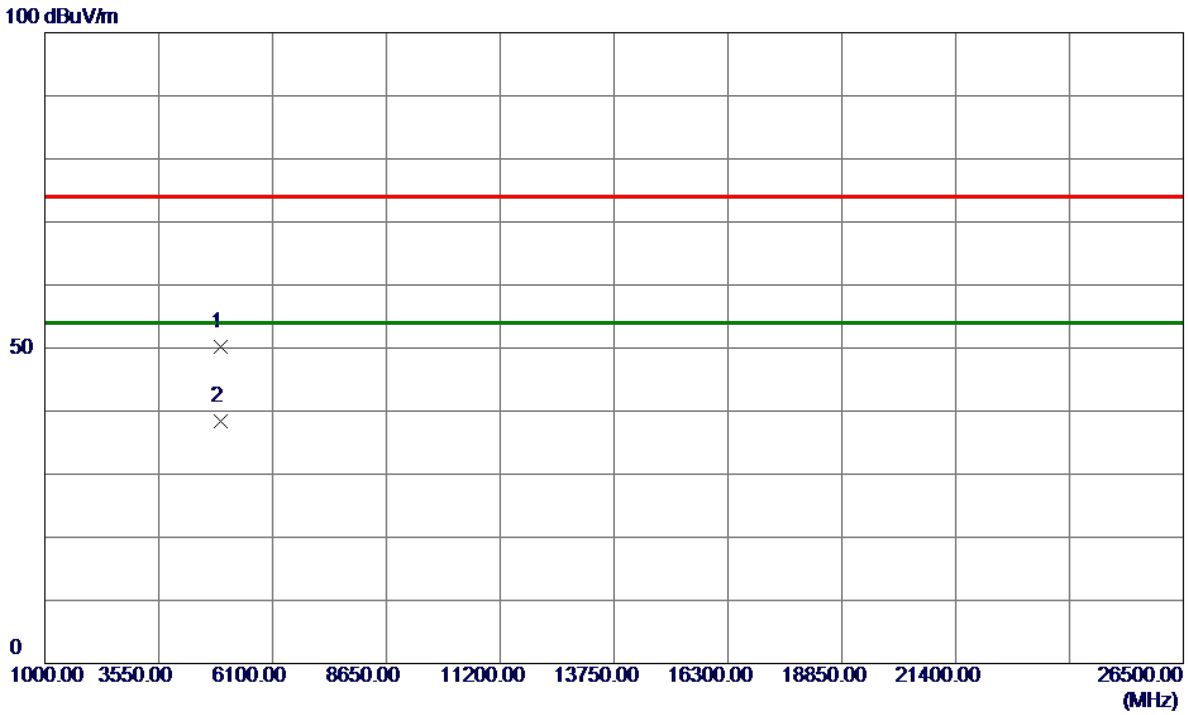
Test Mode	TX vht20 Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2461.4000	84.73	11.15	95.88	54.00	41.88	AVG	No Limit
2	2466.2500	94.53	11.15	105.68	74.00	31.68	Peak	No Limit
3	2483.5000	48.88	11.16	60.04	74.00	-13.96	Peak	
4	2483.5000	36.86	11.16	48.02	54.00	-5.98	AVG	

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

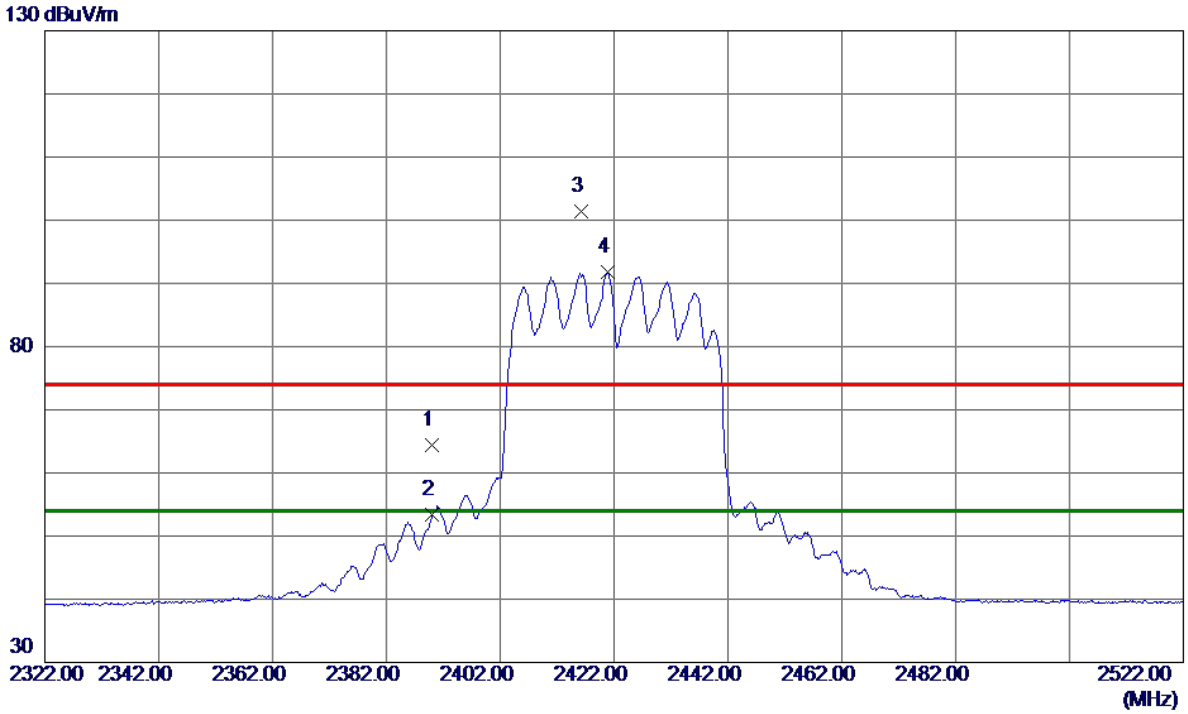
Test Mode	TX vht20 Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.1700	41.77	8.34	50.11	74.00	-23.89	Peak	
2 *	4924.2200	29.99	8.34	38.33	54.00	-15.67	AVG	

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

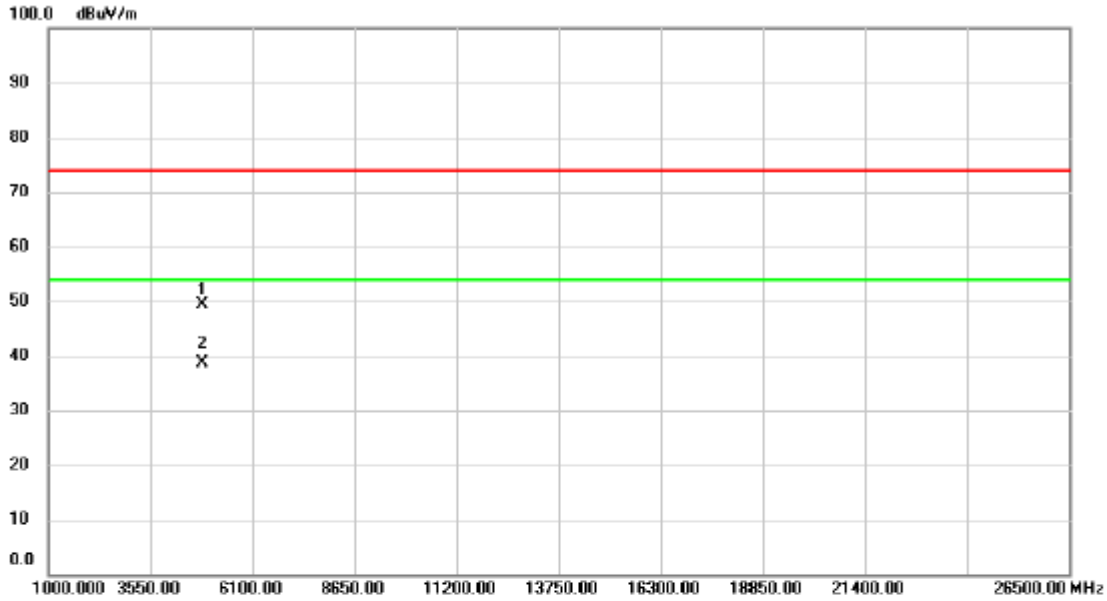
Test Mode	TX vht40 Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	53.32	11.10	64.42	74.00	-9.58	Peak	
2	2390.0000	42.39	11.10	53.49	54.00	-0.51	AVG	
3	2416.2000	90.23	11.12	101.35	74.00	27.35	Peak	No Limit
4 *	2420.8000	80.73	11.12	91.85	54.00	37.85	AVG	No Limit

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

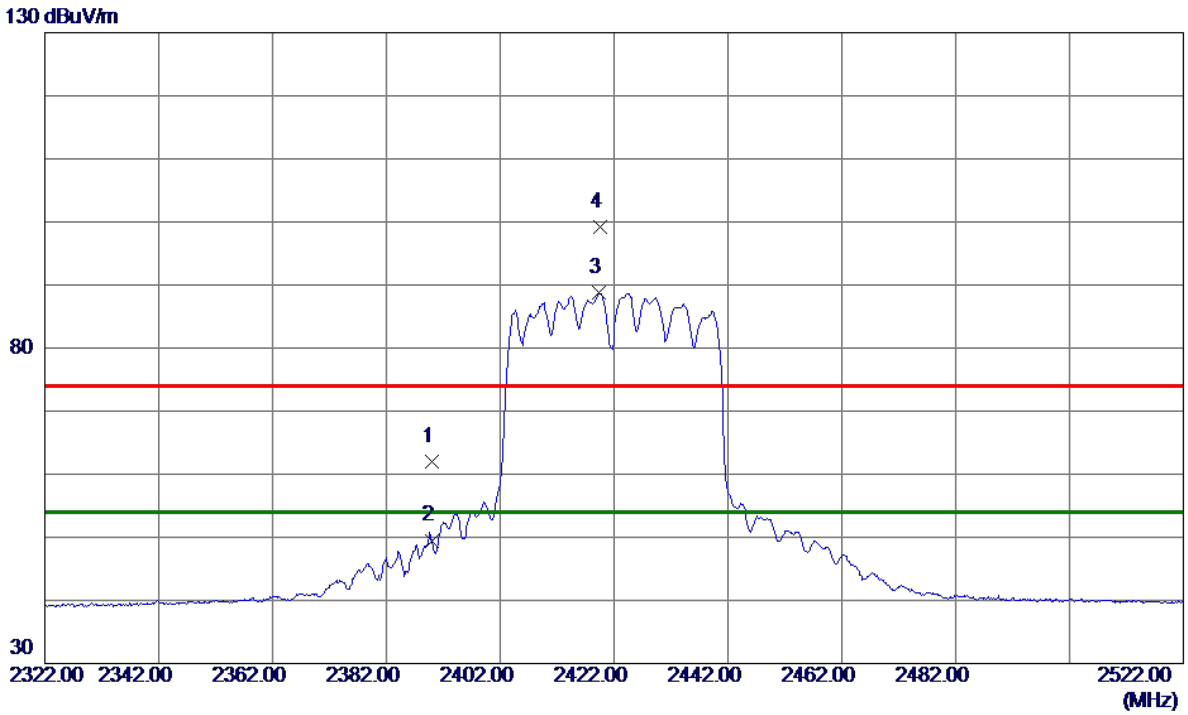
Test Mode	TX vht40 Mode 2422 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.480	41.29	8.08	49.37	74.00	-24.63	peak	
2	*	4844.560	30.64	8.08	38.72	54.00	-15.28	AVG	

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

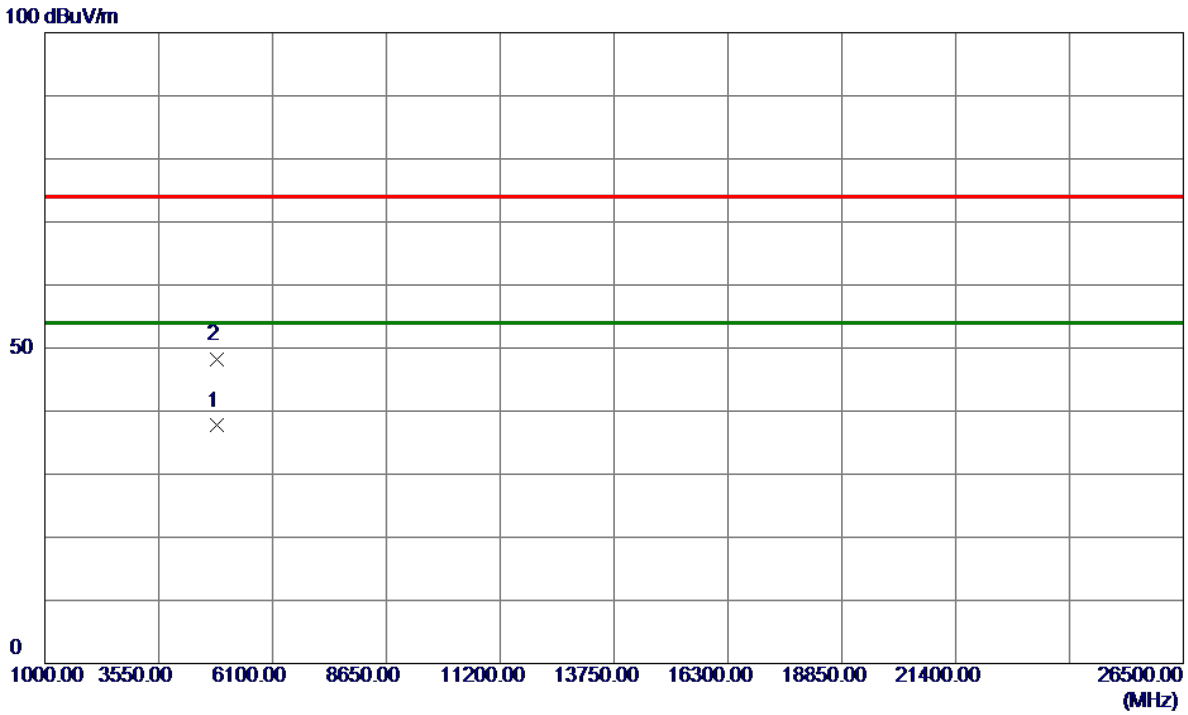
Test Mode	TX vht40 Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	50.92	11.10	62.02	74.00	-11.98	Peak	
2	2390.0000	38.40	11.10	49.50	54.00	-4.50	AVG	
3 *	2419.3000	77.62	11.12	88.74	54.00	34.74	AVG	No Limit
4	2419.6000	88.00	11.12	99.12	74.00	25.12	Peak	No Limit

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

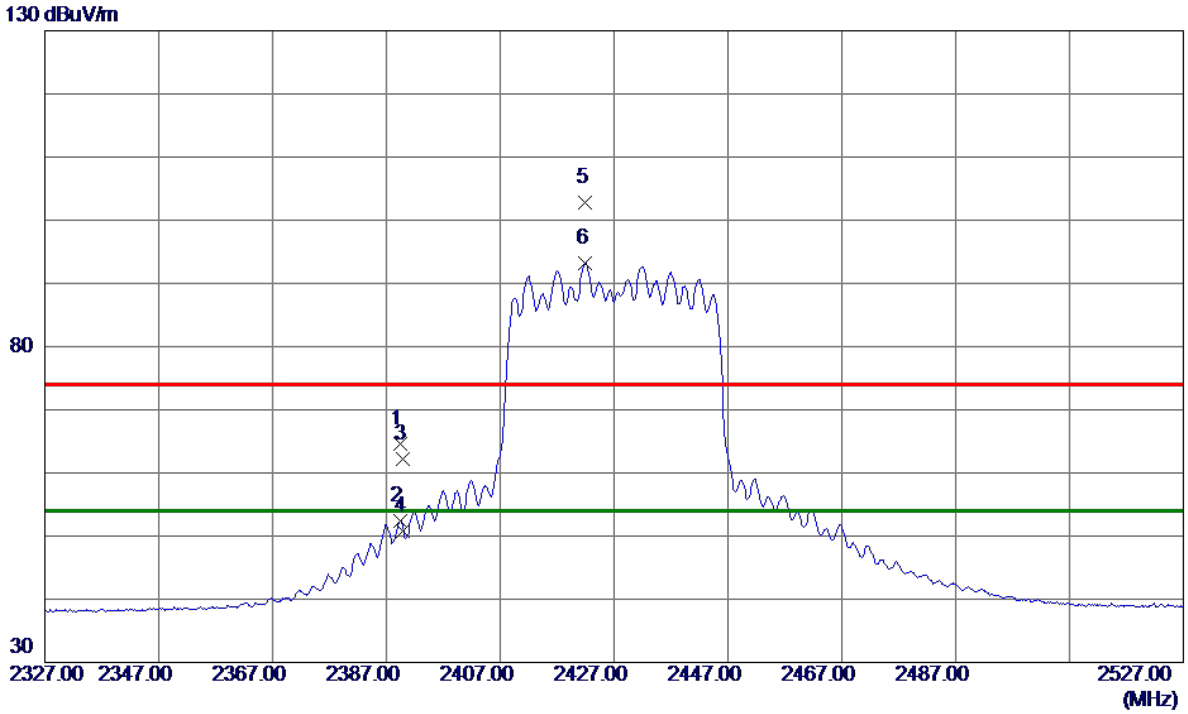
Test Mode	TX vht40 Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.7700	29.62	8.08	37.70	54.00	-16.30	AVG	
2	4845.4400	40.20	8.08	48.28	74.00	-25.72	Peak	

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

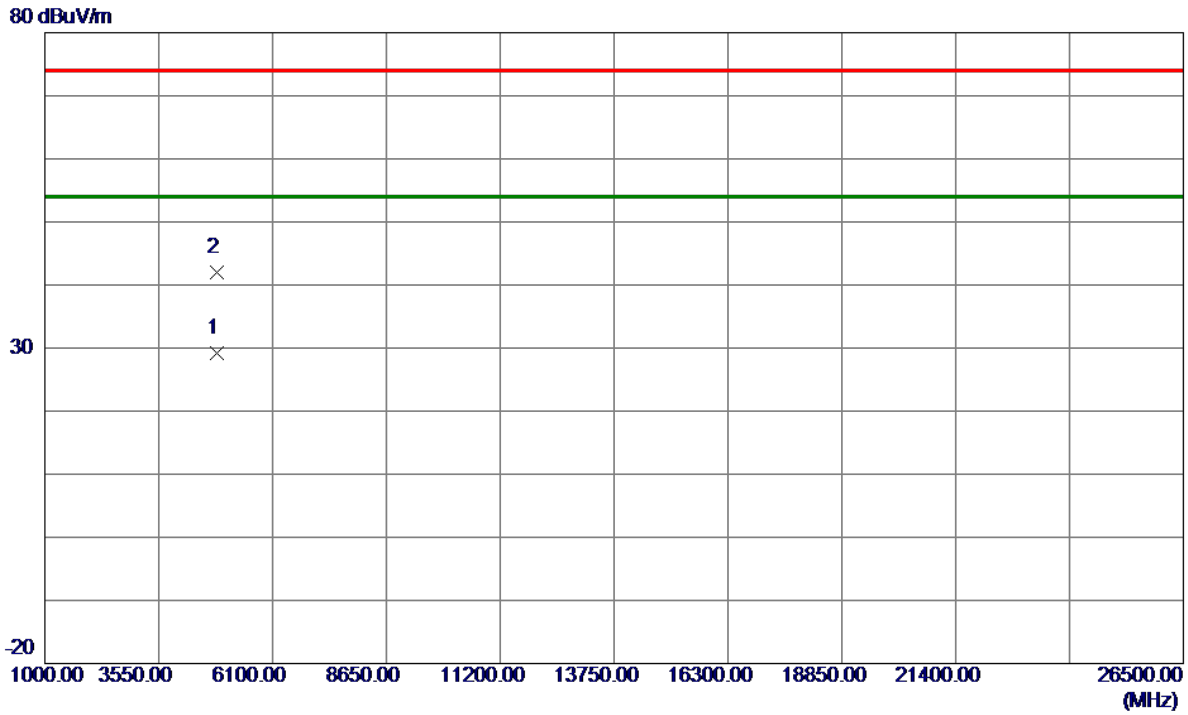
Test Mode	TX vht40 Mode 2427 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.4000	54.69	9.98	64.67	74.00	-9.33	Peak	
2	2389.4000	42.36	9.98	52.34	54.00	-1.66	AVG	
3	2390.0000	52.25	9.98	62.23	74.00	-11.77	Peak	
4	2390.0000	40.78	9.98	50.76	54.00	-3.24	AVG	
5	2422.0000	92.81	9.99	102.80	74.00	28.80	Peak	No Limit
6 *	2422.0000	83.18	9.99	93.17	54.00	39.17	AVG	No Limit

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

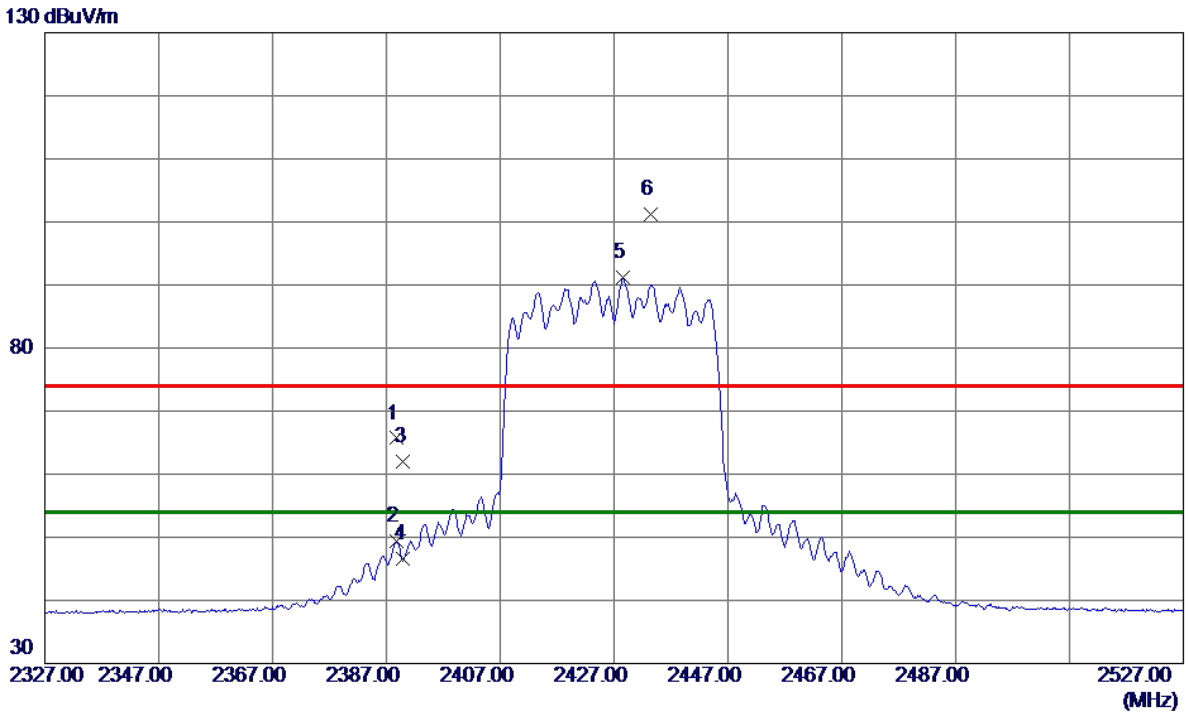
Test Mode	TX vht40 Mode 2427 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4853.7160	22.75	6.49	29.24	54.00	-24.76	AVG	
2	4853.9480	35.45	6.49	41.94	74.00	-32.06	Peak	

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

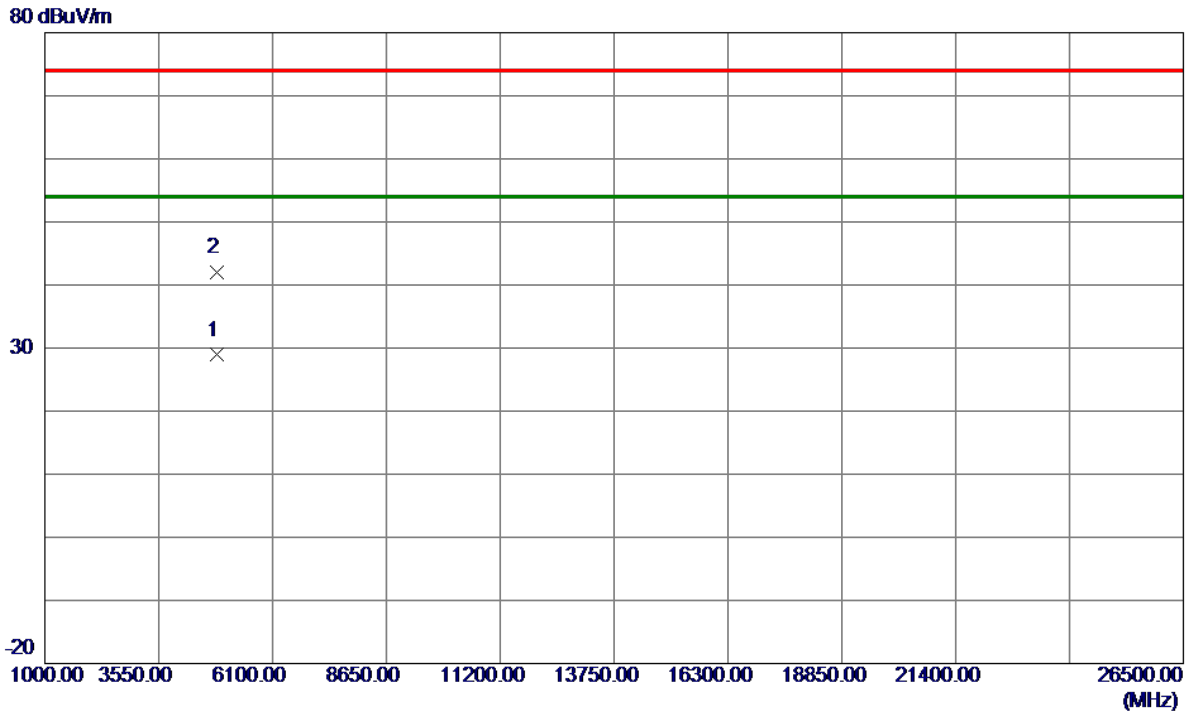
Test Mode	TX vht40 Mode 2427 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2388.7000	55.72	9.98	65.70	74.00	-8.30	Peak	
2	2388.7000	39.36	9.98	49.34	54.00	-4.66	AVG	
3	2390.0000	51.93	9.98	61.91	74.00	-12.09	Peak	
4	2390.0000	36.63	9.98	46.61	54.00	-7.39	AVG	
5 *	2428.6000	81.21	9.99	91.20	54.00	37.20	AVG	No Limit
6	2433.4000	91.25	9.99	101.24	74.00	27.24	Peak	No Limit

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

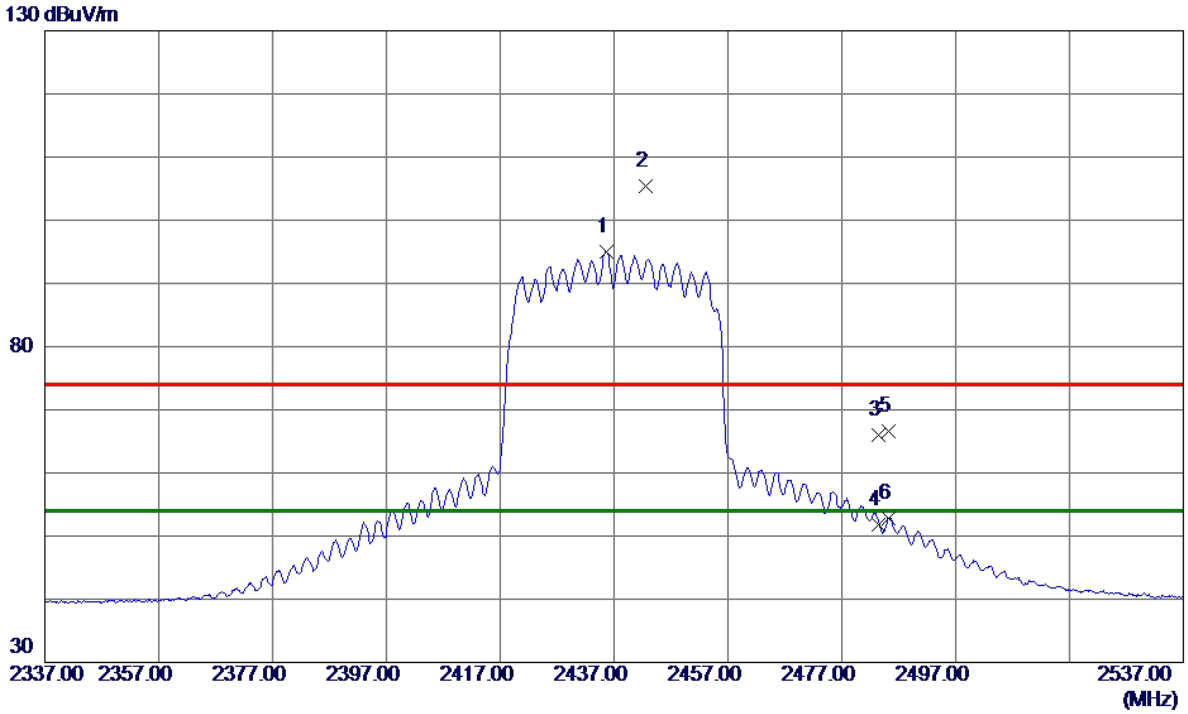
Test Mode	TX vht40 Mode 2427 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4853.4450	22.41	6.49	28.90	54.00	-25.10	AVG	
2	4854.1480	35.55	6.49	42.04	74.00	-31.96	Peak	

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

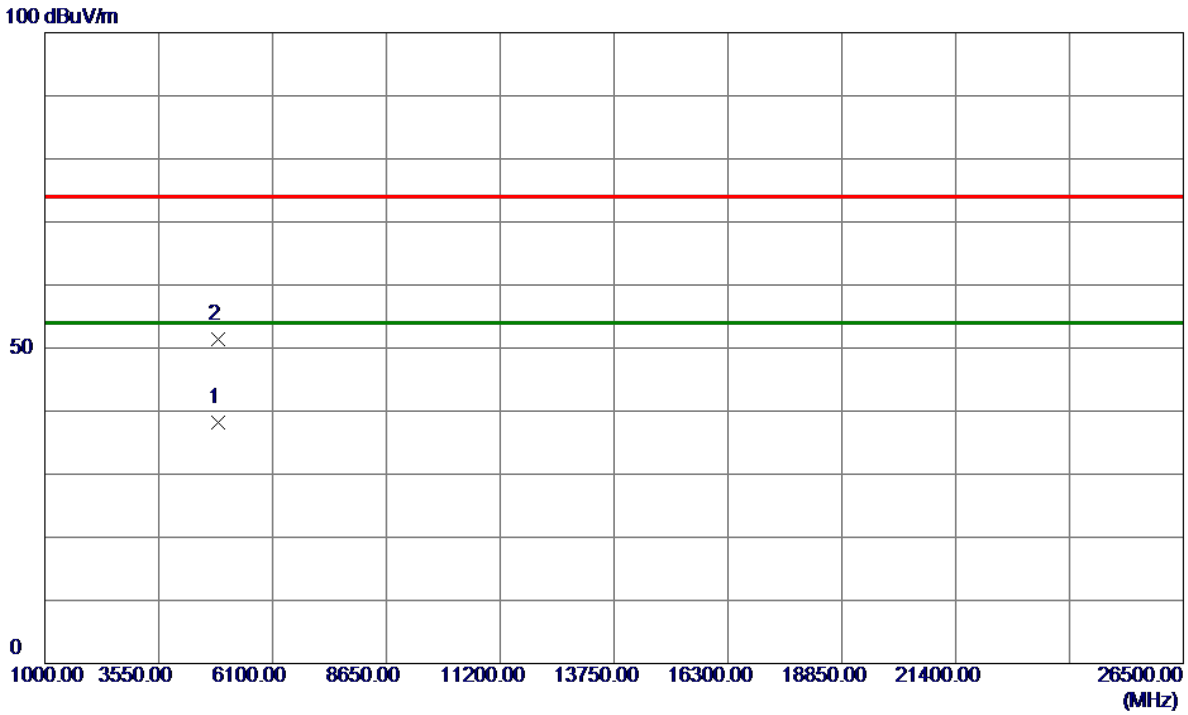
Test Mode	TX vht40 Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2435.7000	83.89	11.13	95.02	54.00	41.02	AVG	No Limit
2	2442.5000	94.28	11.14	105.42	74.00	31.42	Peak	No Limit
3	2483.5000	54.87	11.16	66.03	74.00	-7.97	Peak	
4	2483.5000	40.71	11.16	51.87	54.00	-2.13	AVG	
5	2485.2000	55.40	11.16	66.56	74.00	-7.44	Peak	
6	2485.2000	41.64	11.16	52.80	54.00	-1.20	AVG	

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

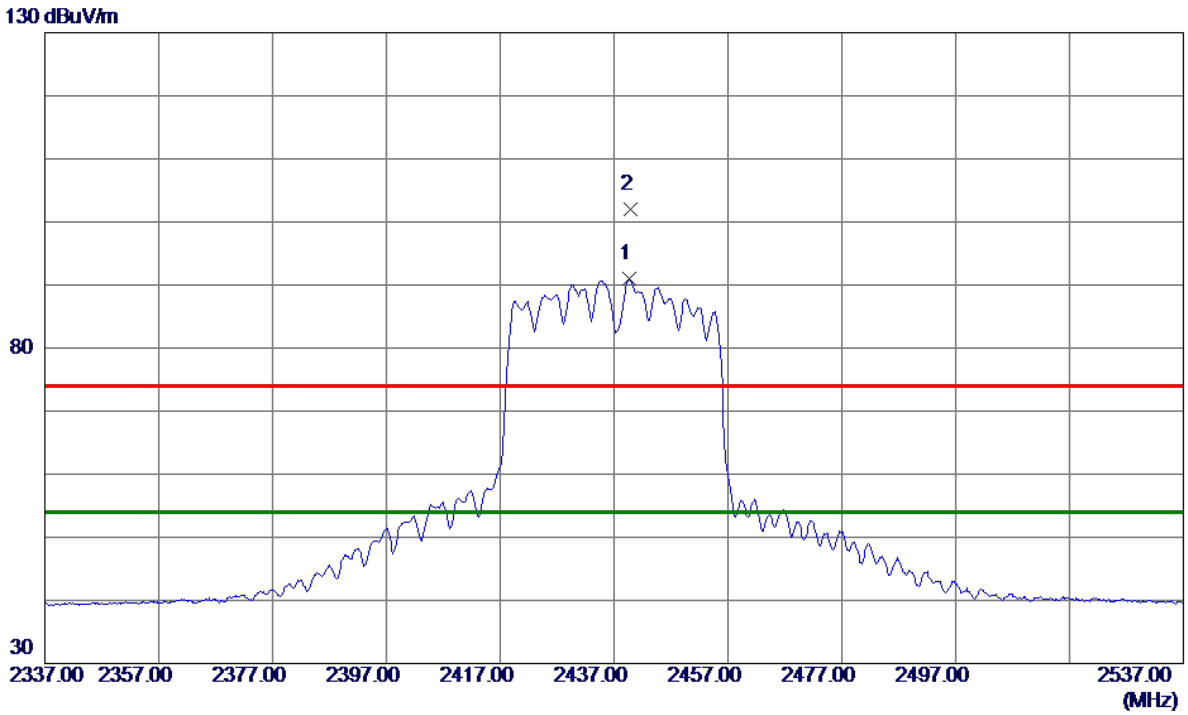
Test Mode	TX vht40 Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.4200	30.10	8.18	38.28	54.00	-15.72	AVG	
2	4874.9400	43.17	8.18	51.35	74.00	-22.65	Peak	

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

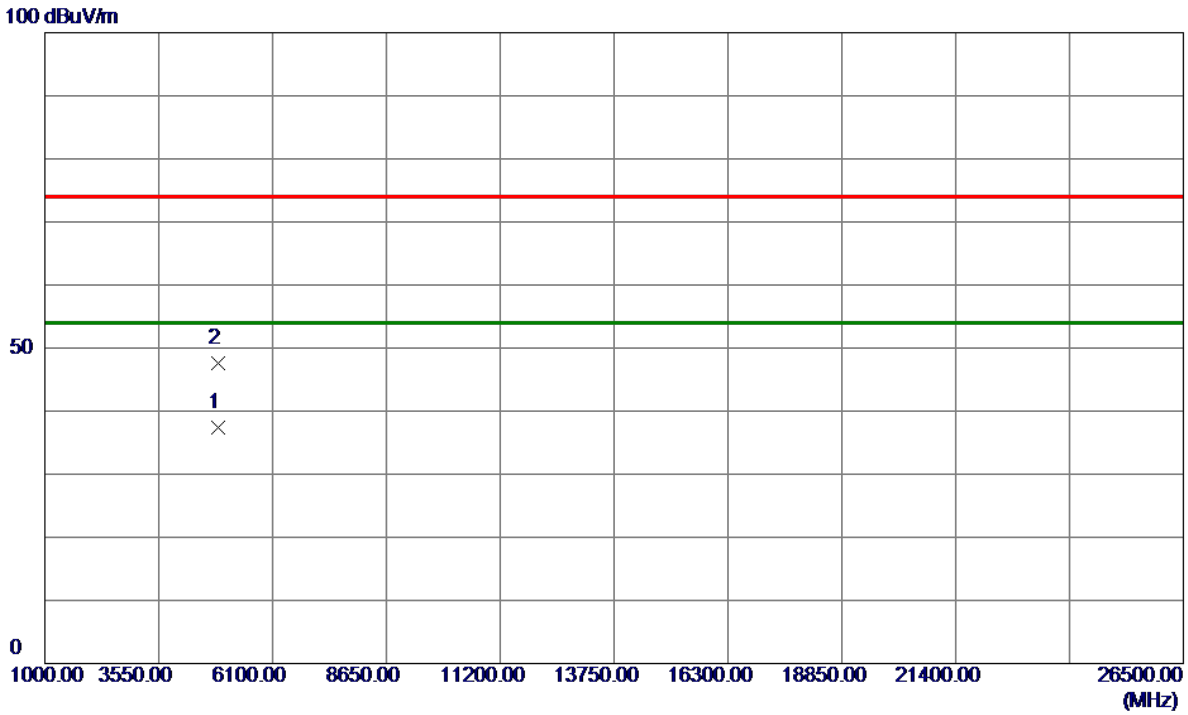
Test Mode	TX vht40 Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2439.6000	79.77	11.13	90.90	54.00	36.90	AVG	No Limit
2	2439.9000	90.89	11.13	102.02	74.00	28.02	Peak	No Limit

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

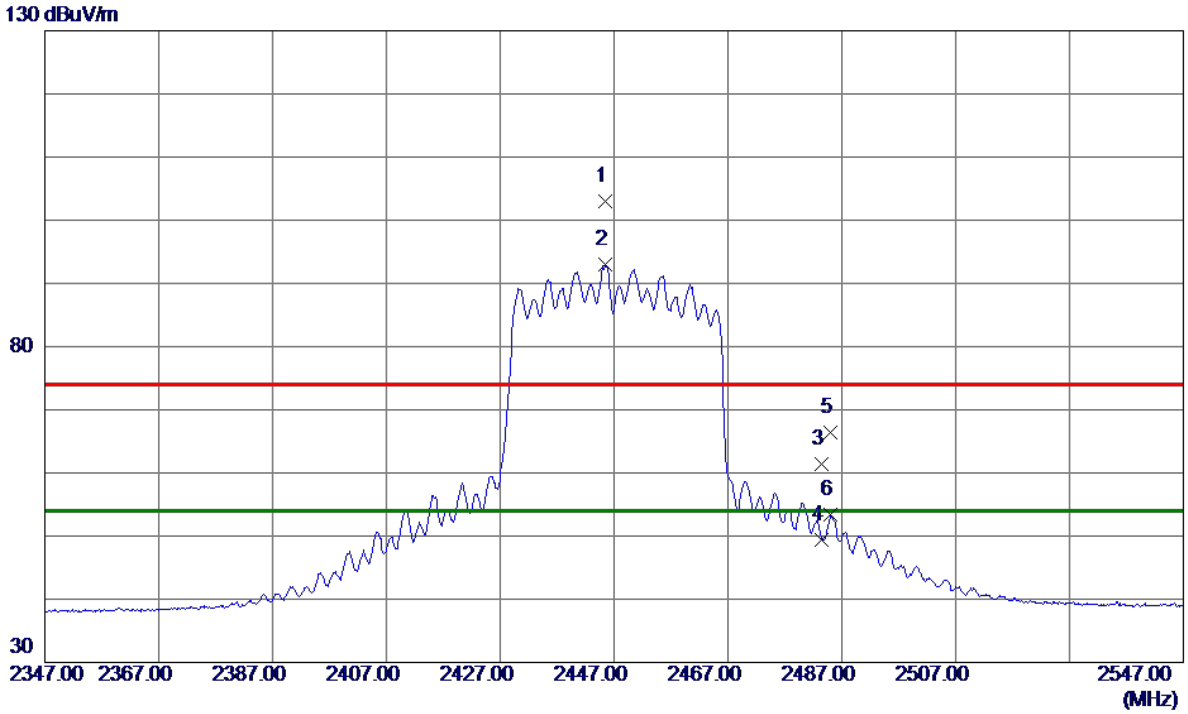
Test Mode	TX vht40 Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.6700	29.15	8.18	37.33	54.00	-16.67	AVG	
2	4875.0900	39.42	8.18	47.60	74.00	-26.40	Peak	

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

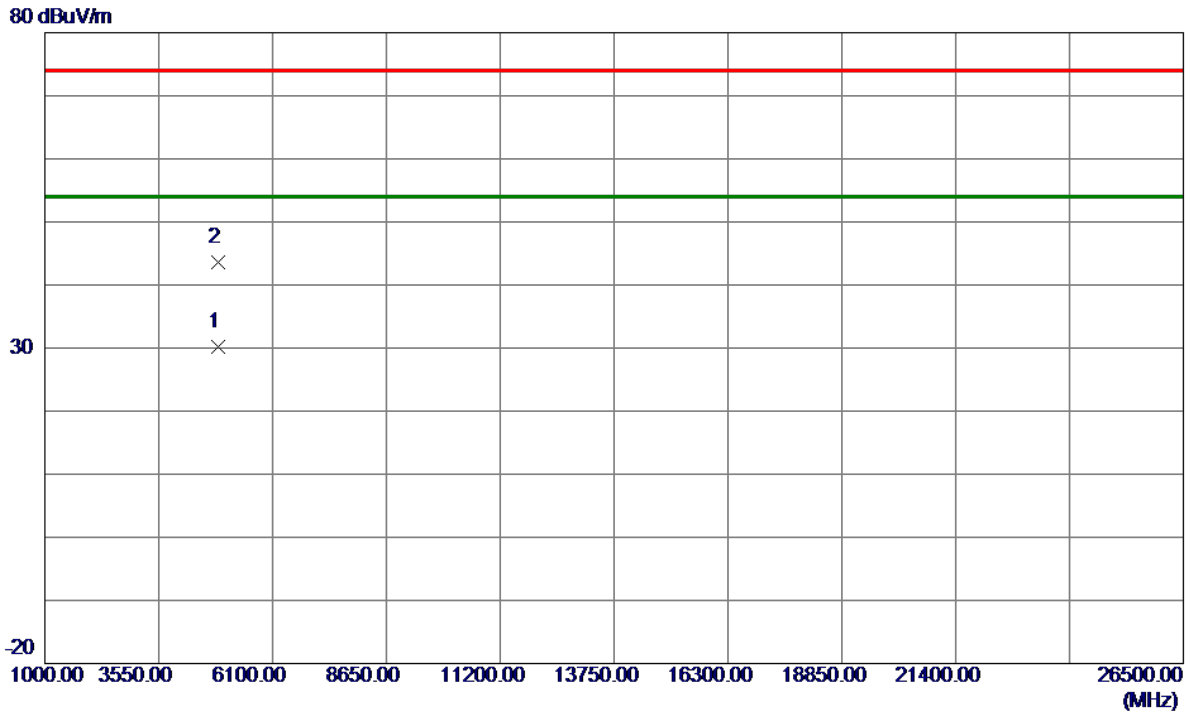
Test Mode	TX vht40 Mode 2447 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2445.4000	93.04	10.00	103.04	74.00	29.04	Peak	No Limit
2 *	2445.5000	83.10	10.00	93.10	54.00	39.10	AVG	No Limit
3	2483.5000	51.33	10.01	61.34	74.00	-12.66	Peak	
4	2483.5000	39.36	10.01	49.37	54.00	-4.63	AVG	
5	2485.0000	56.39	10.01	66.40	74.00	-7.60	Peak	
6	2485.0000	43.47	10.01	53.48	54.00	-0.52	AVG	

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

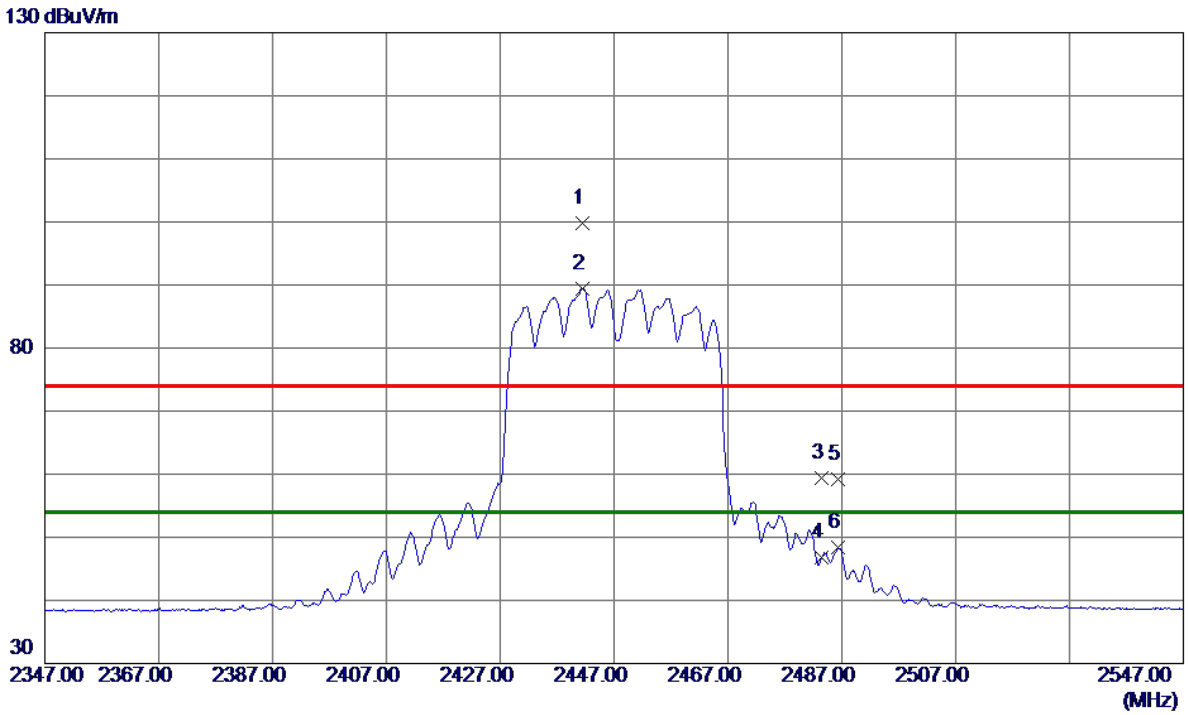
Test Mode	TX vht40 Mode 2447 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4893.6589	23.49	6.62	30.11	54.00	-23.89	AVG	
2	4893.7599	36.95	6.62	43.57	74.00	-30.43	Peak	

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

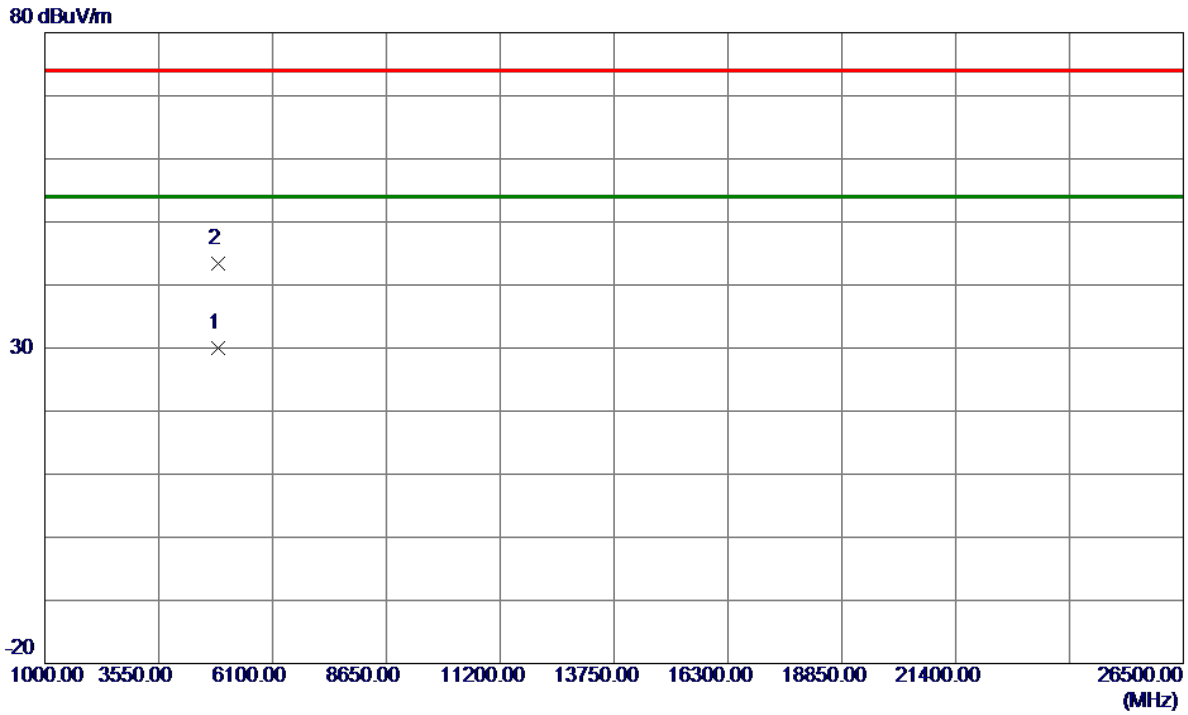
Test Mode	TX vht40 Mode 2447 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2441.4000	89.88	10.00	99.88	74.00	25.88	Peak	No Limit
2 *	2441.5000	79.41	10.00	89.41	54.00	35.41	AVG	No Limit
3	2483.5000	49.39	10.01	59.40	74.00	-14.60	Peak	
4	2483.5000	36.71	10.01	46.72	54.00	-7.28	AVG	
5	2486.3000	49.18	10.01	59.19	74.00	-14.81	Peak	
6	2486.3000	38.39	10.01	48.40	54.00	-5.60	AVG	

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

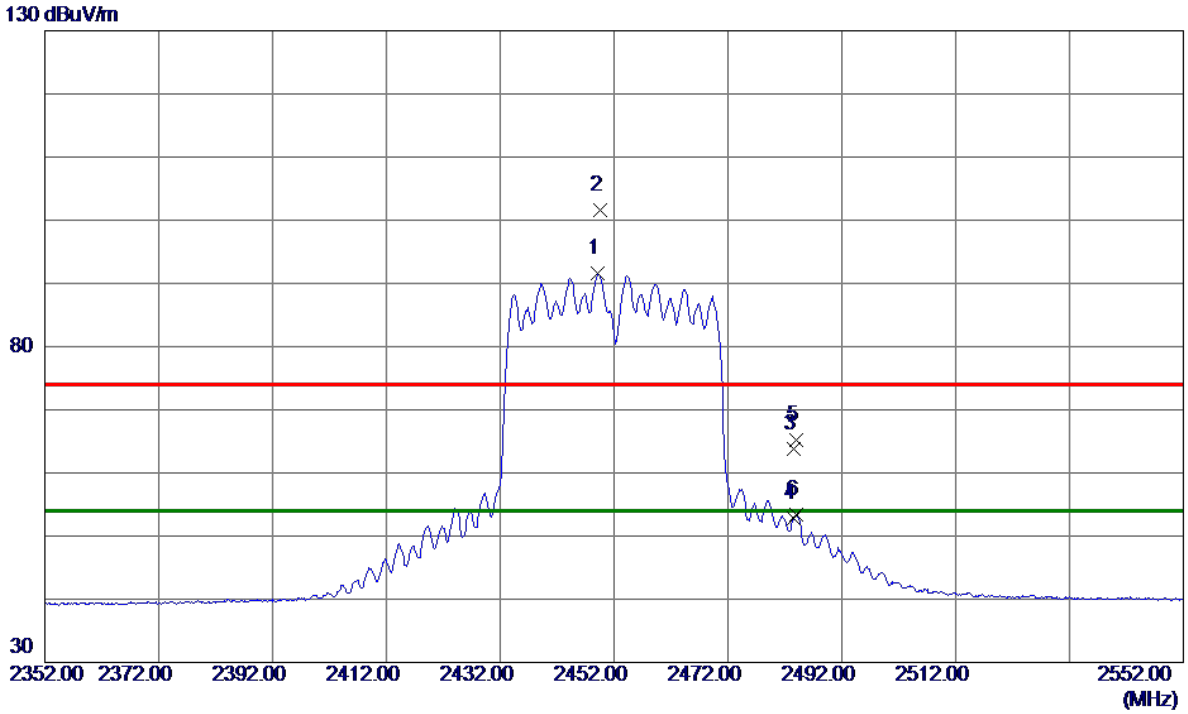
Test Mode	TX vht40 Mode 2447 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4893.1460	23.47	6.62	30.09	54.00	-23.91	AVG	
2	4894.7950	36.79	6.62	43.41	74.00	-30.59	Peak	

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

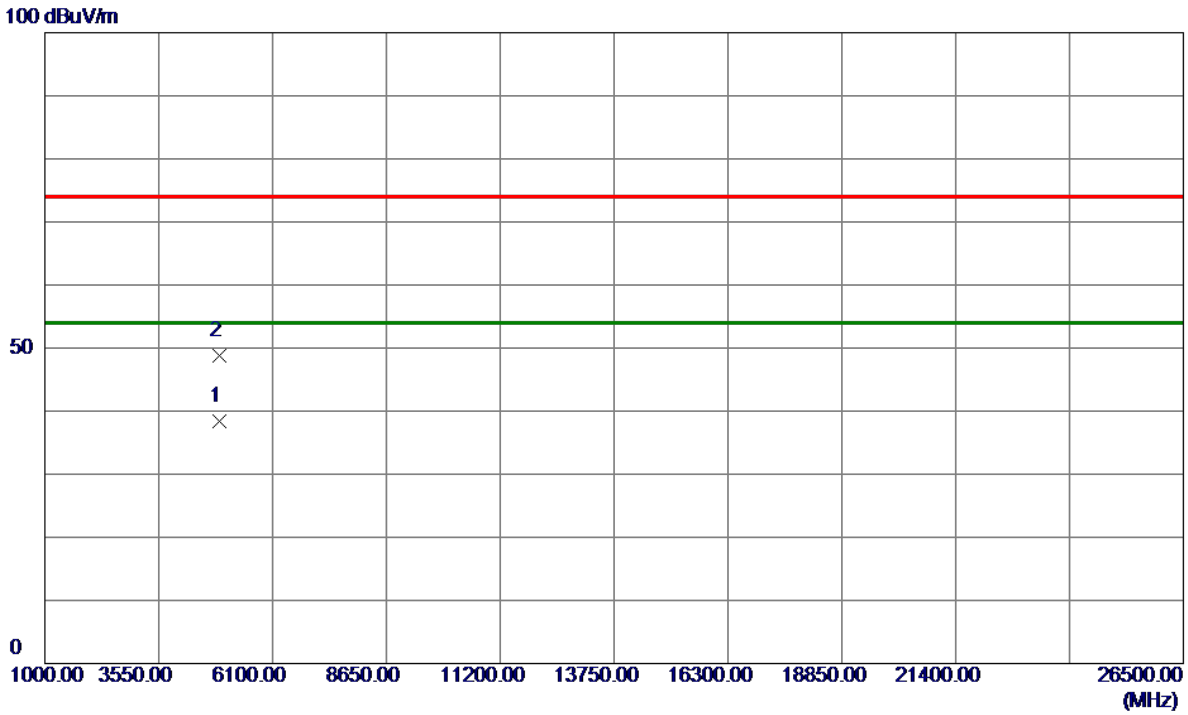
Test Mode	TX vht40 Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2449.2000	80.46	11.14	91.60	54.00	37.60	AVG	No Limit
2	2449.5000	90.38	11.14	101.52	74.00	27.52	Peak	No Limit
3	2483.5000	52.59	11.16	63.75	74.00	-10.25	Peak	
4	2483.5000	41.56	11.16	52.72	54.00	-1.28	AVG	
5	2483.9000	54.07	11.16	65.23	74.00	-8.77	Peak	
6	2483.9000	42.33	11.16	53.49	54.00	-0.51	AVG	

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

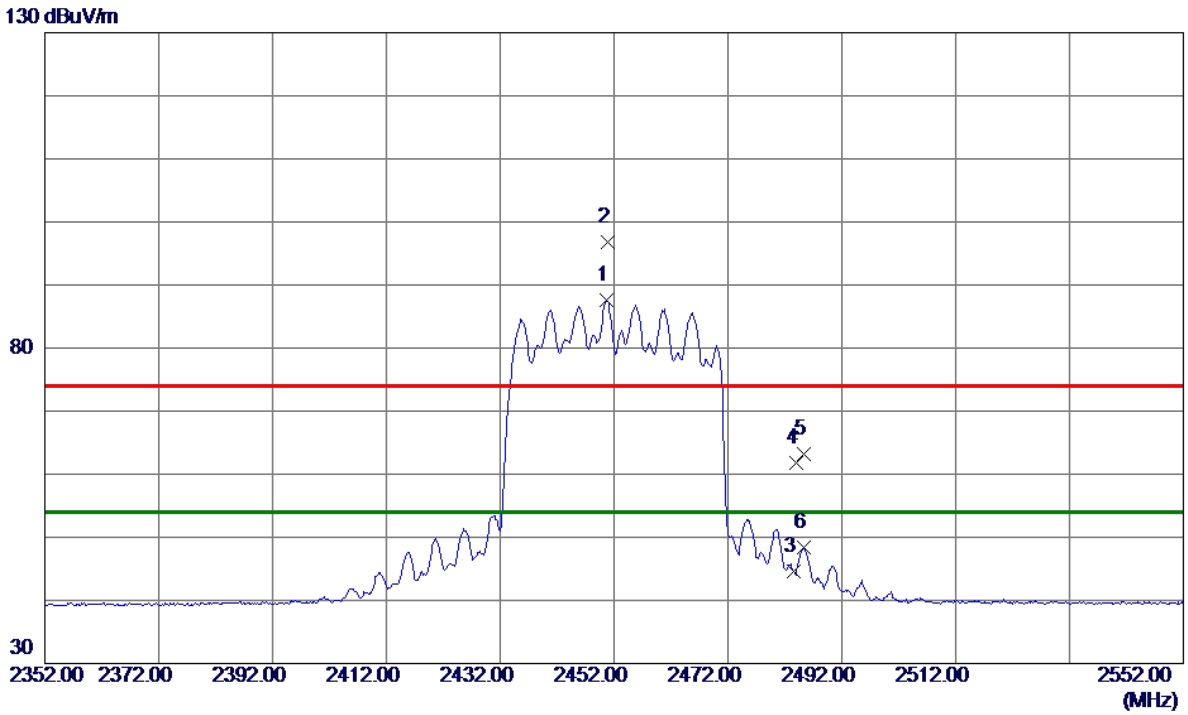
Test Mode	TX vht40 Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4904.1700	30.04	8.28	38.32	54.00	-15.68	AVG	
2	4904.1800	40.53	8.28	48.81	74.00	-25.19	Peak	

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

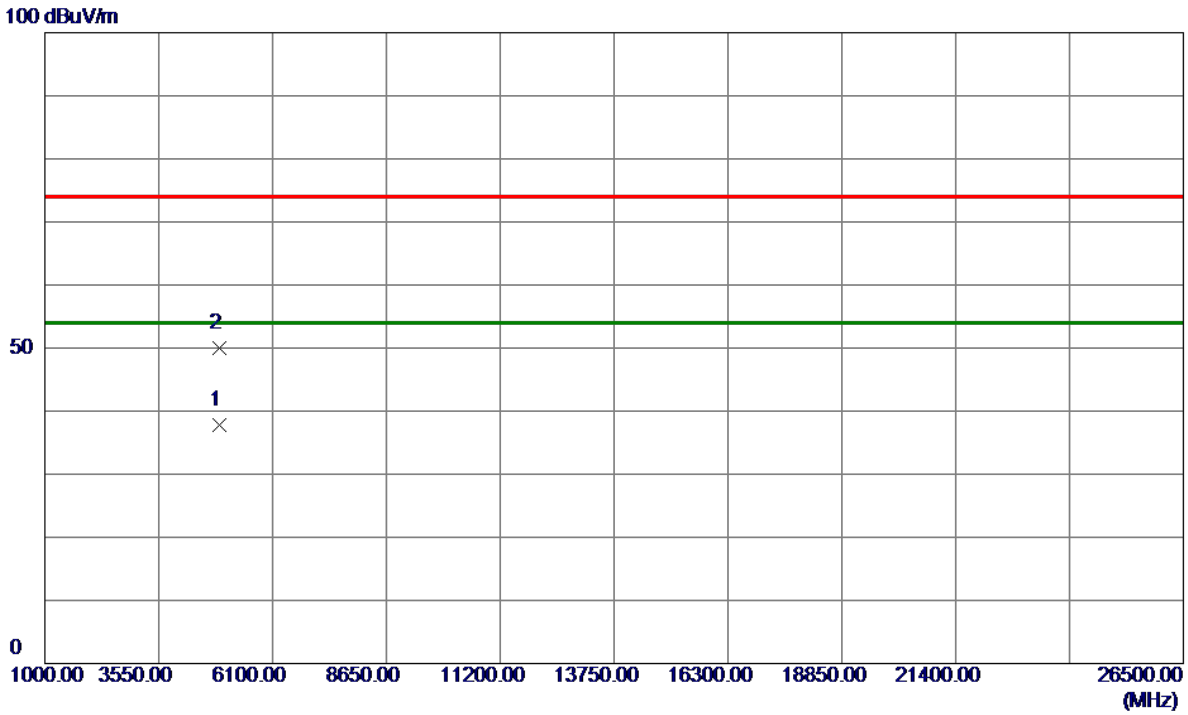
Test Mode	TX vht40 Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2450.7000	76.43	11.14	87.57	54.00	33.57	AVG	No Limit
2	2450.8000	85.75	11.14	96.89	74.00	22.89	Peak	No Limit
3	2483.5000	33.36	11.16	44.52	54.00	-9.48	AVG	
4	2483.9000	50.71	11.16	61.87	74.00	-12.13	Peak	
5	2485.4000	51.96	11.16	63.12	74.00	-10.88	Peak	
6	2485.4000	37.21	11.16	48.37	54.00	-5.63	AVG	

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

Test Mode	TX vht40 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 *	4904.1500	29.50	8.28	37.78	54.00	-16.22	AVG	
2	4904.7300	41.64	8.28	49.92	74.00	-24.08	Peak	

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

APPENDIX E - BANDWIDTH