FCC Radio Test Report

FCC ID: 2AXJ4AX73V2

This report concerns: Original Grant

Project No.	:	2204C236
Equipment	:	AX5400 Wi-Fi 6 Router
Brand Name	:	tp-link
Test Model	:	Archer AX73
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. 25, 2022
Date of Test	:	Apr. 27, 2022 ~ Jun. 03, 2022
Issued Date	:	Jul. 13, 2022
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG2022042675 for conducted, DG2022042674 for radiated emissions and AC Power Line Conducted Emissions.
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.

Prepared by : Chella Zheng

Approved by : Chay Cai

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).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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

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

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

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.
Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2204C236	R00	Original Report	Jul. 13, 2022	Valid

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 Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China.
BTL's 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	2.60

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB01	CISPR	9kHz ~ 30MHz	2.36

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.36
		30MHz ~ 200MHz	H	3.32
		200MHz ~ 1,000MHz	V	4.08
		200MHz ~ 1,000MHz	H	3.96

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	3.80
		6GHz ~ 18GHz	4.82

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.62
		26.5 ~ 40 GHz	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	24°C	56%	AC 120V/60Hz	Rod Tang
Radiated Emissions-9kHz to 30 MHz	22°C	53%	AC 120V/60Hz	Torocat Yuan
Radiated Emissions-30MHz to 1000MHz	25°C	58%	AC 120V/60Hz	Jakyri Wen
Radiated Emissions-Above 1000MHz	25°C	58%	AC 120V/60Hz	Jakyri Wen
Bandwidth	23°C	52%	AC 120V/60Hz	Nicole Chen
Maximum Average Output Power	21-24.3°C	52-68.4%	AC 120V/60Hz	Laughing Zhang Complex Qin
Conducted Spurious Emissions	23°C	52%	AC 120V/60Hz	Nicole Chen
Power Spectral Density	23°C	52%	AC 120V/60Hz	Nicole Chen

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AX5400 Wi-Fi 6 Router
Brand Name	tp-link
Test Model	Archer AX73
Series Model	N/A
Model Difference(s)	N/A
Power Source	DC voltage supplied from AC adapter. Model: T120200-2B1
Power Rating	I/P: 100-240V~ 50/60Hz 0.8A O/P: 12V ⎓ 2.0A
Operation□Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 573.6 Mbps
Maximum Average Output Power _Non Beamforming	IEEE 802.11g: 29.99 dBm (0.9977 W)
Maximum Average Output Power _Beamforming	IEEE 802.11ax(HE20): 28.88 dBm (0.7727 W)

Note:

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

2. Channel List:

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

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	tp-link	3101503773	Dipole	I-PEX	2
2	tp-link	3101503775	Dipole	I-PEX	2

Note:

1) This EUT supports CDD, and all antennas have the same gain, Directional gain = G_{ANT}+Array Gain.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=2 dBi.
For power spectral density measurements, $N_{ANT}=2$, $N_{SS}=1$.
So the Directional gain=G_{ANT}+Array Gain=$G_{ANT}+10\log(N_{ANT}/N_{SS})$dBi=$2+10\log(2/1)$dBi=5.01 dBi.
2) Beamforming Gain: 3 dB. So the Directional gain=3+2=5 dBi.
3) The antenna gain and beamforming gain are provided by the manufacturer.

4. Table for Antenna Configuration:

For Non Beamforming:

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

For Beamforming:

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

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 AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09
Mode 7	TX G 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 AX(HE20) Mode Channel 01/02/06/10/11
Mode 13	TX AX(HE40) 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 G Mode Channel 06

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 7	TX G 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 AX(HE20) Mode Channel 01/02/06/10/11
Mode 13	TX AX(HE40) Mode Channel 03/04/06/08/09

Maximum 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 AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09

Maximum 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 AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09

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

NOTE:
(1) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(2) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX G Mode Channel 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.
(5) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
(6) For radiated emission above 1 GHz test, the polarization of Vertical and Hoizontal are evaluated, the worst case is Vertical and recorded.

2.3 PARAMETERS OF TEST SOFTWARE

Non Beamforming

Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	89	90	90
IEEE 802.11g	82	100	84
IEEE 802.11n(HT20)	78	100	83
IEEE 802.11ax(HE20)	78	92	80
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	74	85	76
IEEE 802.11ax(HE40)	72	81	74

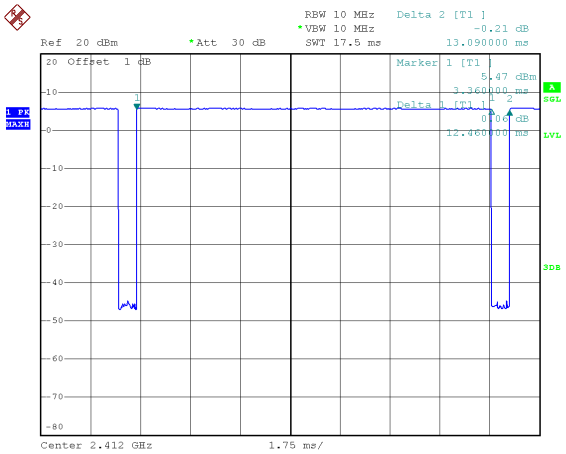
Beamforming

Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	2412	2437	2462
IEEE 802.11n(HT20)	77	99	82
IEEE 802.11ax(HE20)	77	91	79
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	73	84	75
IEEE 802.11ax(HE40)	71	80	73

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.

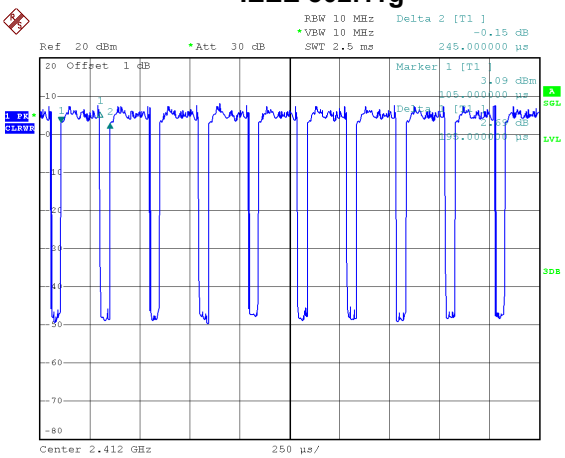
IEEE 802.11b



Date: 16.MAY.2022 11:40:13

Duty cycle = 12.460 ms / 13.090 ms = 95.19%
Duty Factor = 10 log(1/Duty cycle) = 0.21

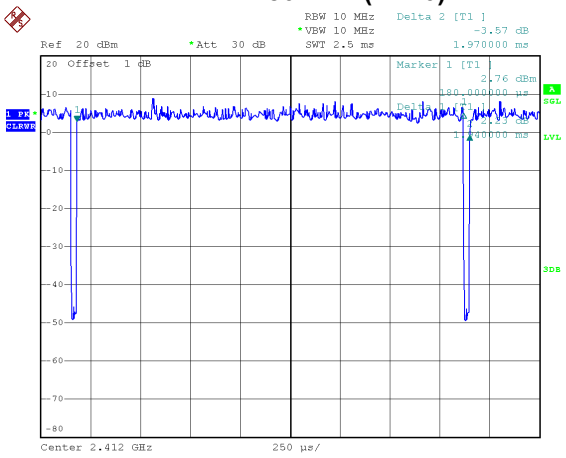
IEEE 802.11g



Date: 16.MAY.2022 11:40:39

Duty cycle = 0.195 ms / 0.245 ms = 79.59%
Duty Factor = 10 log(1/Duty cycle) = 0.99

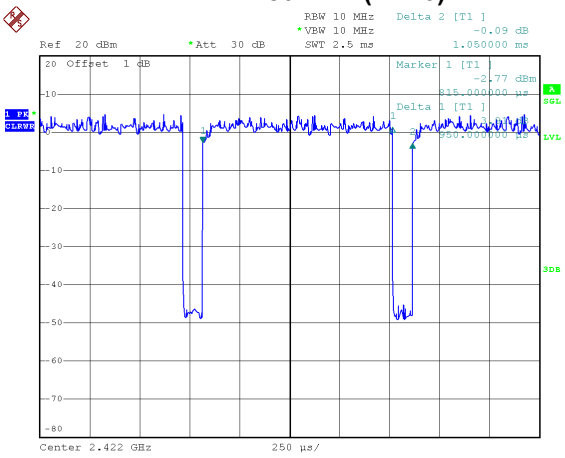
IEEE 802.11n(HT20)



Date: 16.MAY.2022 11:41:13

Duty cycle = 1.940 ms / 1.970 ms = 98.48%
Duty Factor = 10 log(1/Duty cycle) = 0.00

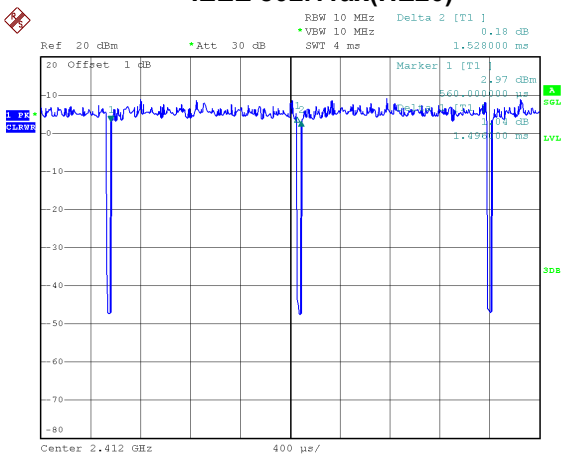
IEEE 802.11n(HT40)



Date: 16.MAY.2022 11:41:32

Duty cycle = 0.950 ms / 1.050 ms = 90.48%
Duty Factor = 10 log(1/Duty cycle) = 0.43

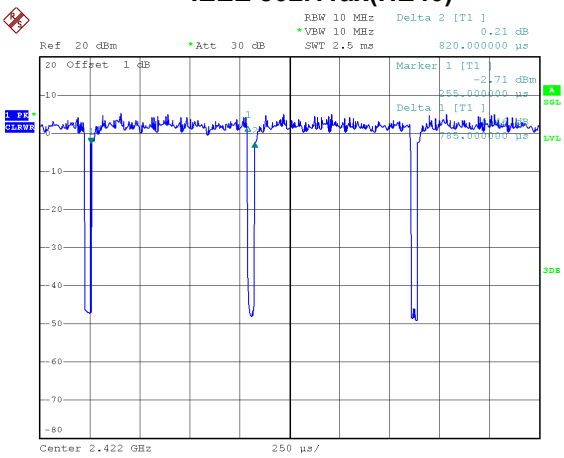
IEEE 802.11ax(HE20)



Date: 16.MAY.2022 11:43:34

Duty cycle = 1.496 ms / 1.528 ms = 97.91%
Duty Factor = 10 log(1/Duty cycle) = 0.09

IEEE 802.11ax(HE40)



Date: 16.MAY.2022 11:44:02

Duty cycle = 0.785 ms / 0.820 ms = 95.73%
Duty Factor = 10 log(1/Duty cycle) = 0.19

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 80 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 5128 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 1 kHz.

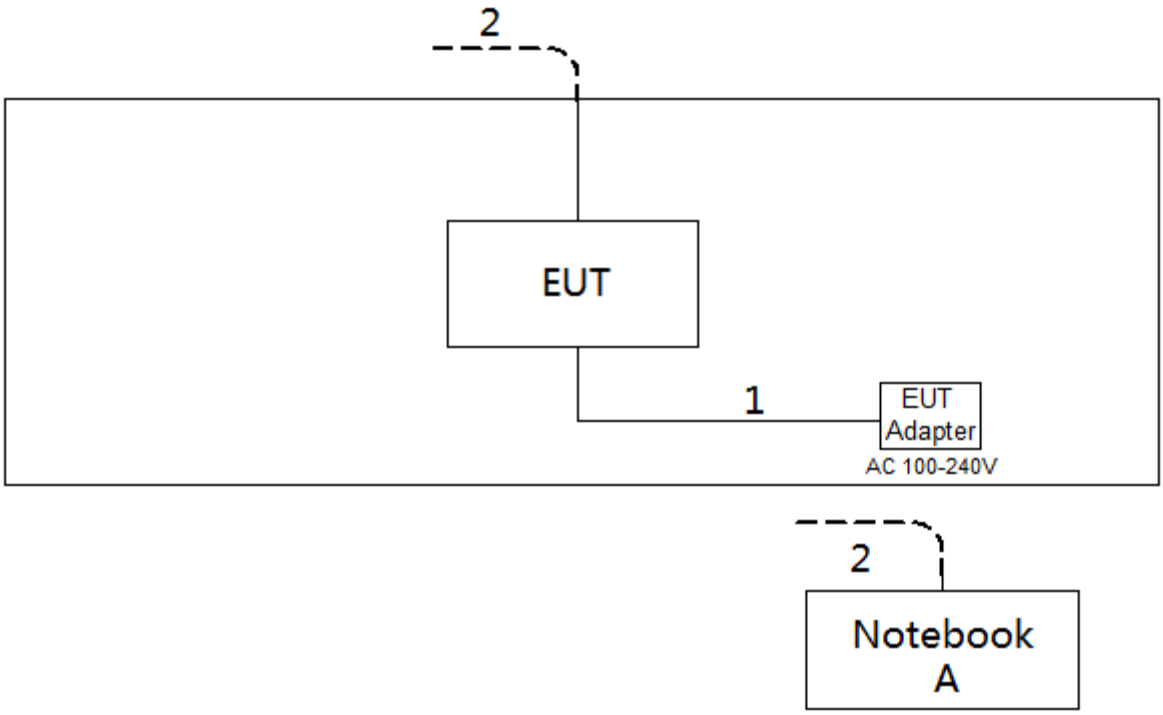
For IEEE 802.11n(HT40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1053 Hz.

For IEEE 802.11ax(HE20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 668 Hz.

For IEEE 802.11ax(HE40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1274 Hz.

(Remark: The video bandwidth of the spectrum analyzer was set to 1kHz during the test.)

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.

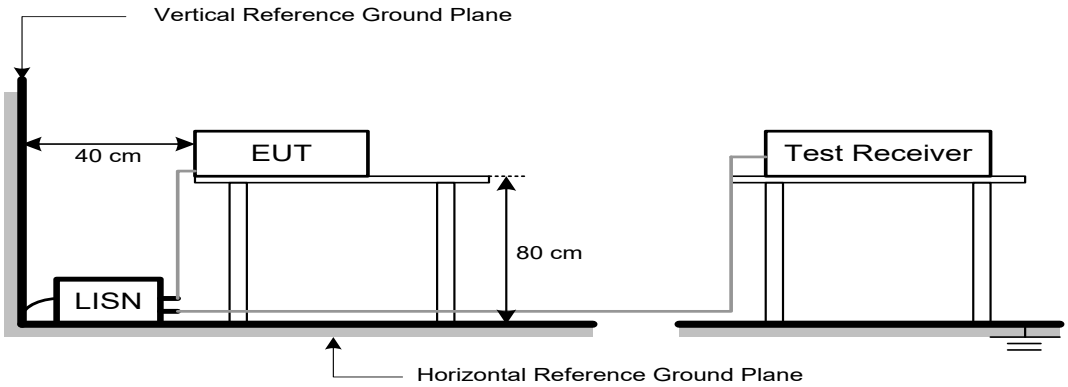
The following table is the setting of the receiver:

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

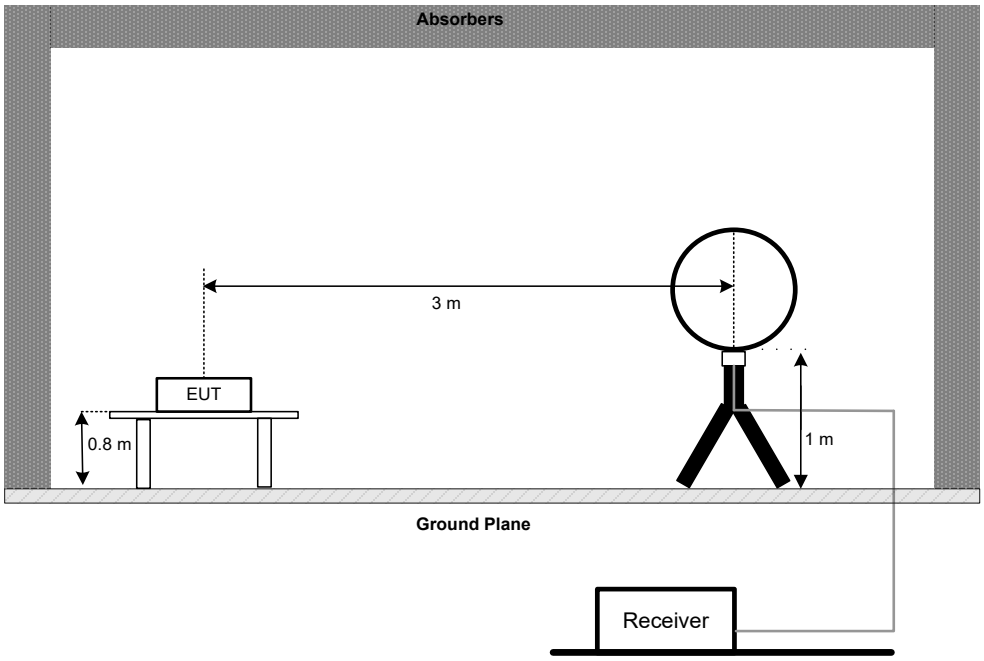
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

4.3 DEVIATION FROM TEST STANDARD

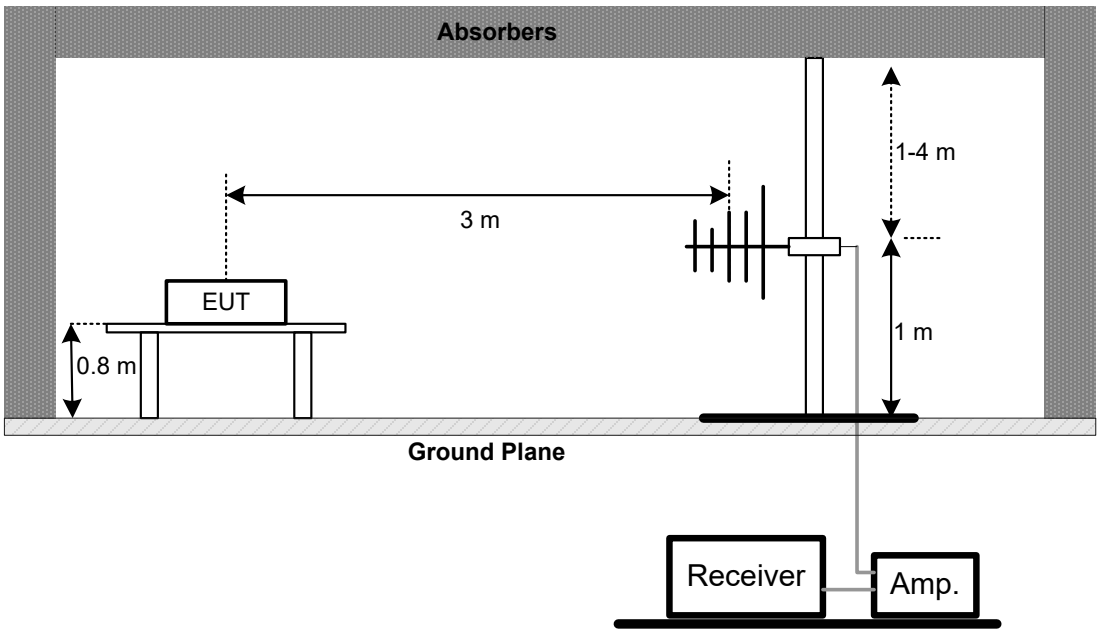
No deviation.

4.4 TEST SETUP

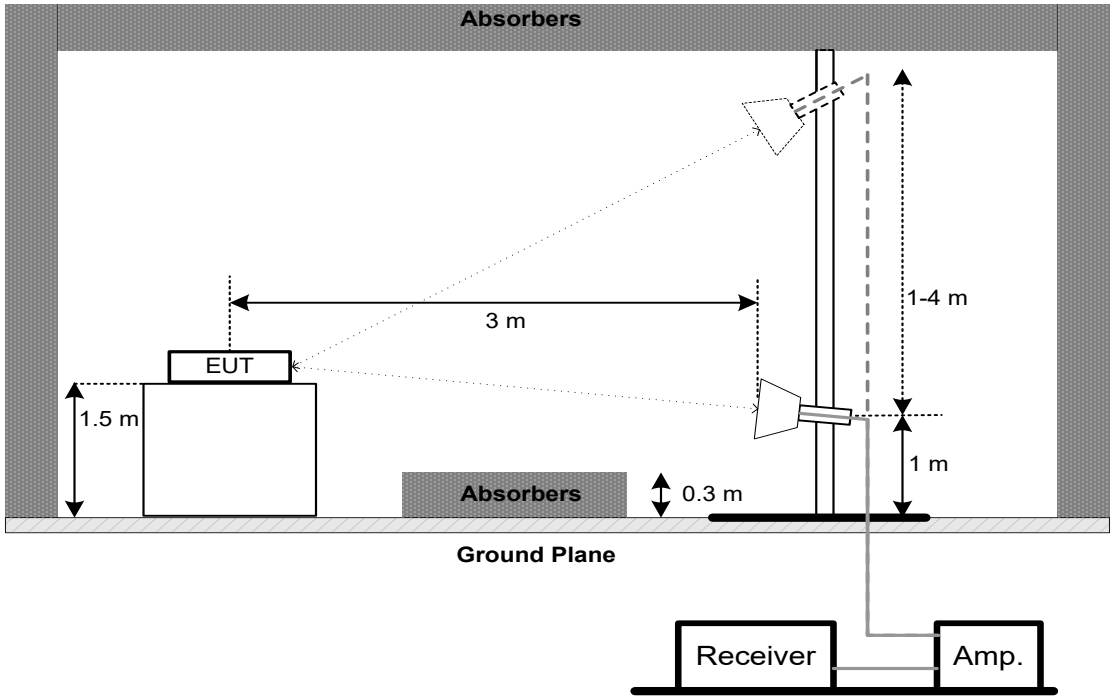
9 kHz to 30 MHz



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

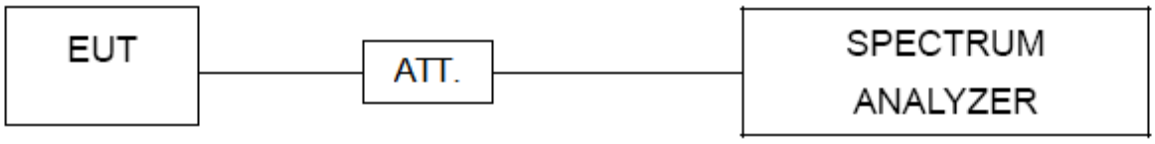
For 99% Emission Bandwidth:

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

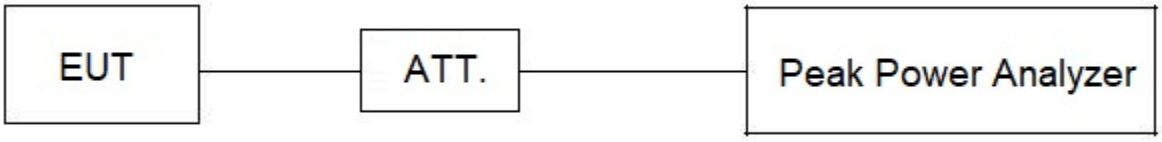
6.2 TEST PROCEDURE

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

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

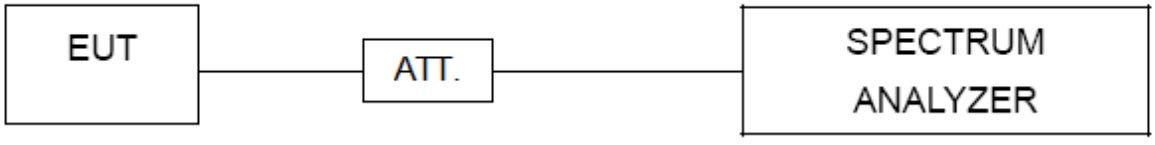
For Emission Level:

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

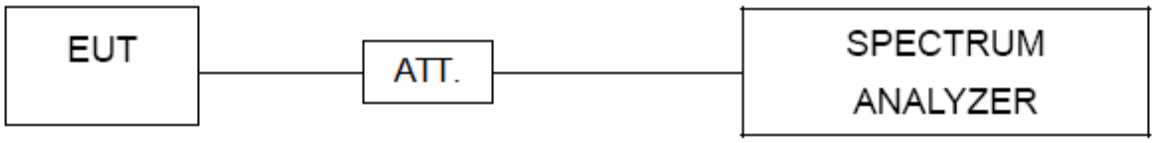
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span Frequency	1.5 times the DTS bandwidth
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	Jan. 22, 2023
2	LISN	EMCO	3816/2	52765	Jan. 23, 2023
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Jan. 23, 2023
4	50Ω Terminator	SHX	TF5-3	15041305	N/A
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 08, 2023
7	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXE EMI Receiver	Keysight	N9038A	MY56400091	Jan. 22, 2023
2*	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 23, 2024
3	Cable	N/A	RG 213/U(9kHz~1GHz)	N/A	Jul. 09, 2022
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chamber Room	ETS	9*6*6	N/A	Jul. 17, 2022

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. 03, 2023
2	Amplifier	HP	8447D	2944A08742	Jan. 22, 2023
3	Cable	emci	LMR-400	N/A	Nov. 30, 2022
4	Controller	CT	SC100	N/A	N/A
5	Controller	MF	MF-7802	MF780208416	N/A
6	Receiver	Agilent	N9038A	MY52130039	Jan. 22, 2023
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chamber Room	RM	9*6*6	N/A	Jul. 24, 2022

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Horn Antenna	ARA	DRG-118A	16554	Apr. 18, 2023
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2022
3	Amplifier	Agilent	8449B	3008A02584	Jul. 10, 2022
4	Controller	CT	SC100	N/A	N/A
5	Controller	MF	MF-7802	MF780208416	N/A
6	Receiver	Agilent	N9038A	MY52130039	Jan. 22, 2023
7	EXA Spectrum Analyzer	Keysight	N9010A	MY56480488	Jan. 22, 2023
8	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330 -K	619413	Jul. 16, 2022
9	Cable	Talent microwave	A81-SMAMSMAM-12.5M	N/A	Oct. 15, 2022
10	Cable	Talent microwave	A40-2.92M2.92M-2.5M	N/A	Nov. 30, 2022
11	Filter	STI	STI15-9912	N/A	Jul. 10, 2022
12	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
13	966 Chamber Room	RM	9*6*6	N/A	Jul. 24, 2022

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. 10, 2022
2	Attenuator	WOKEN	6SM3502	VAS1214NL	N/A
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	Jul. 10, 2022
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 10, 2022
3	Attenuator	WOKEN	6SM3502	VAS1214NL	N/A
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

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

“*” calibration period of equipment list is three year.

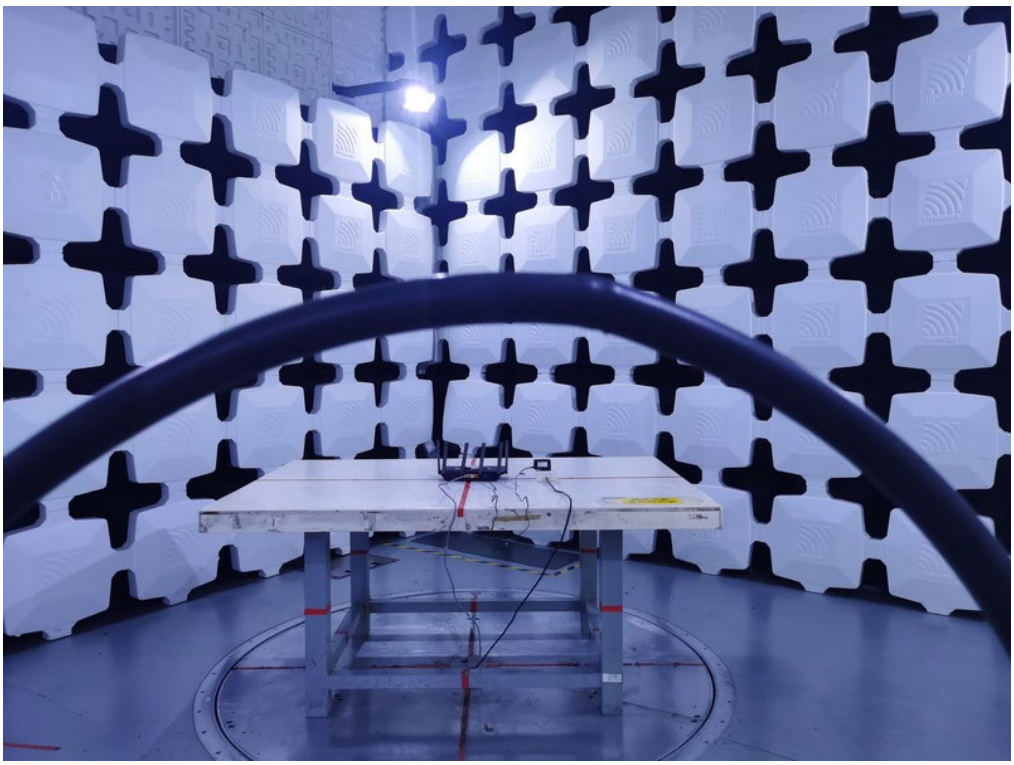
Except * item, all calibration period of equipment list is one year.

10. EUT TEST PHOTO

AC Power Line Conducted Emissions Test Photos

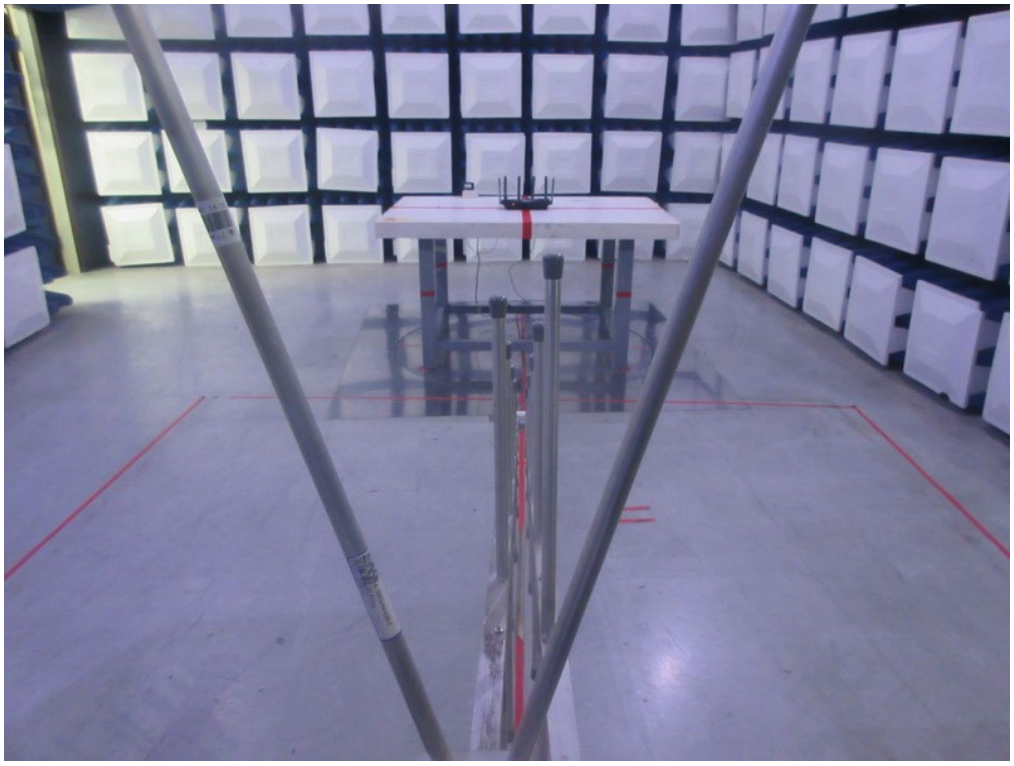
Radiated Emissions Test Photos

9 kHz to 30 MHz



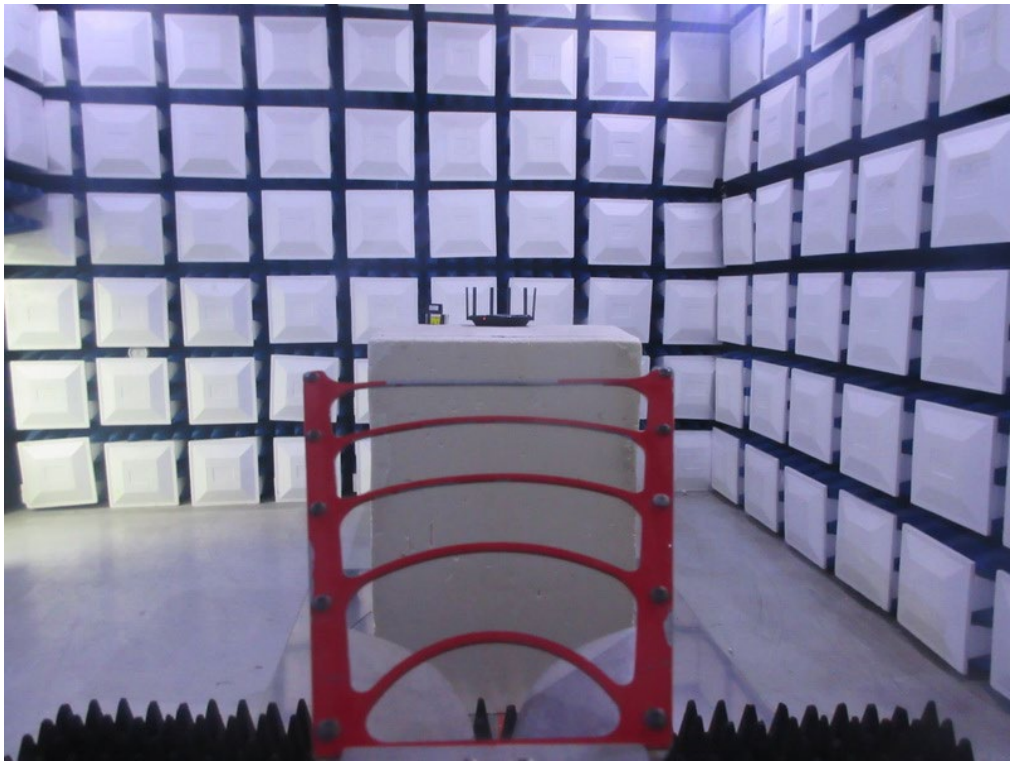
Radiated Emissions Test Photos

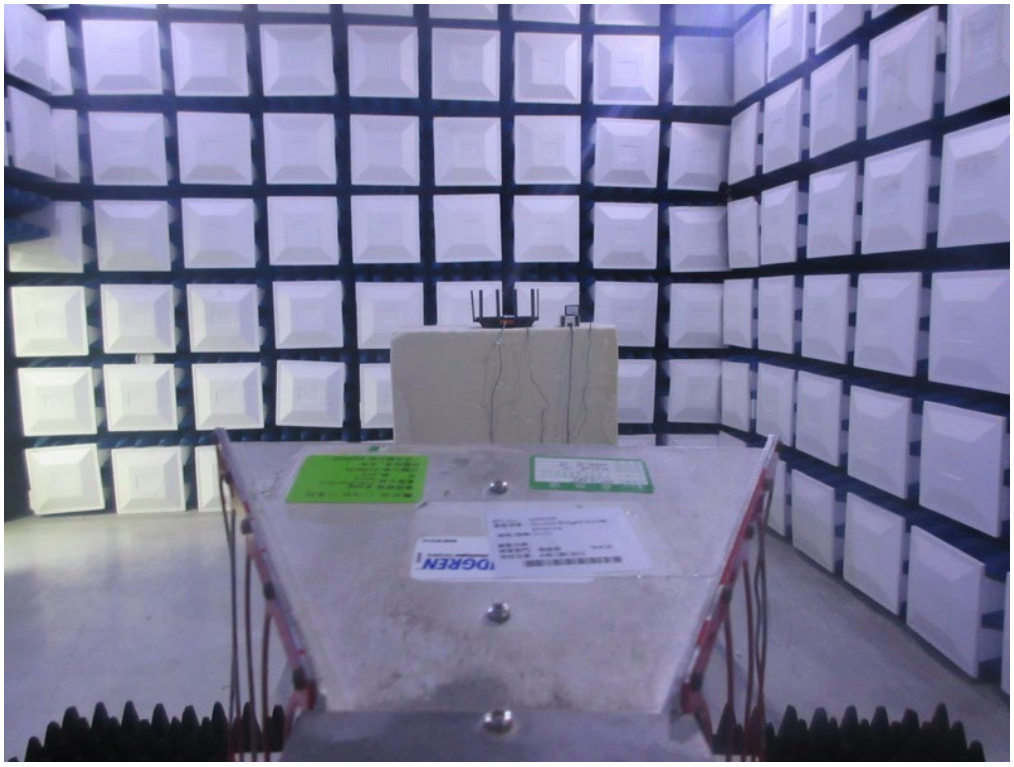
30 MHz to 1 GHz



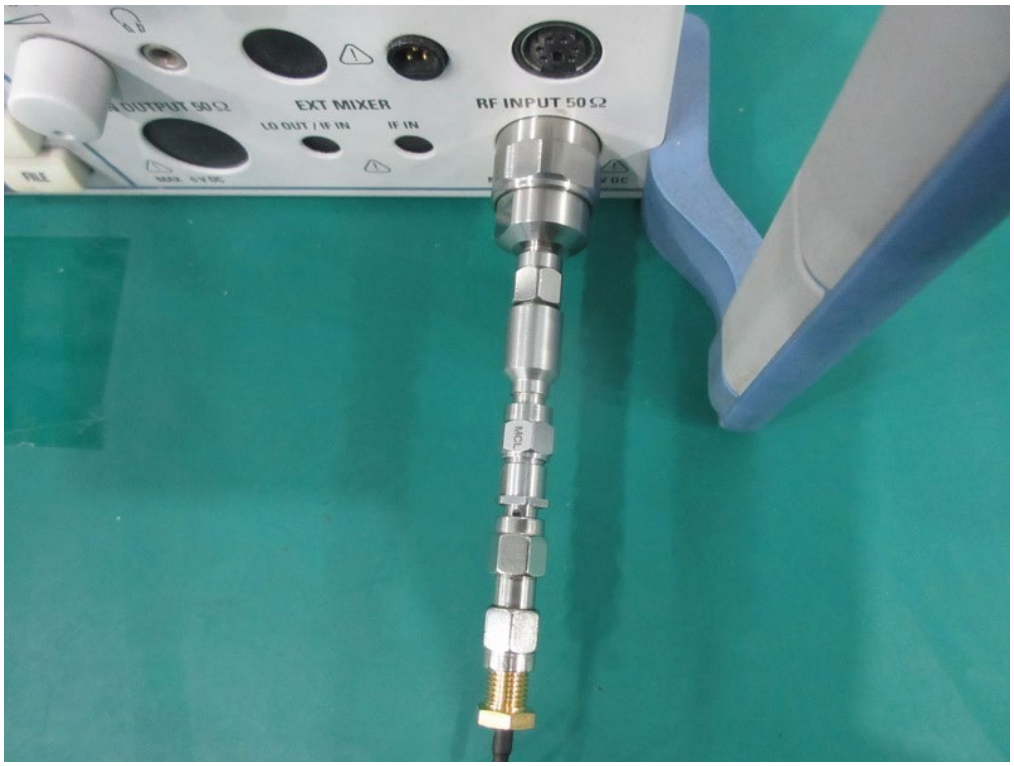
Radiated Emissions Test Photos

Above 1 GHz



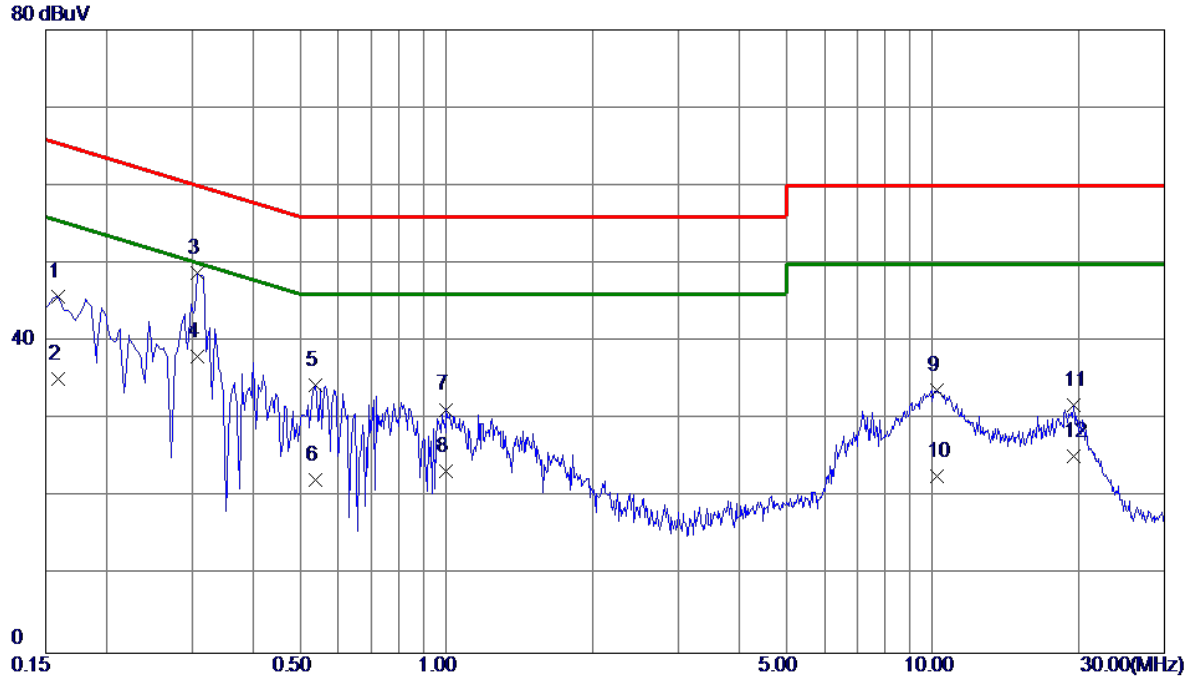


Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

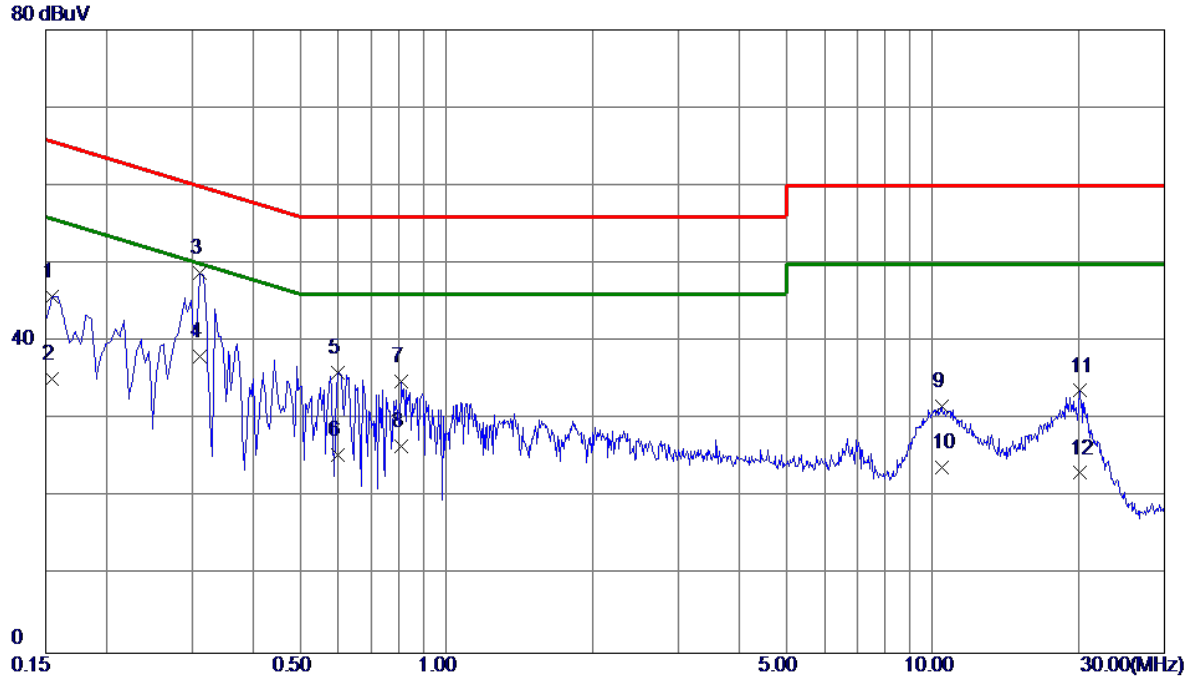
Test Mode	TX G Mode Channel 06	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1590	36.17	9.66	45.83	65.52	-19.69	QP	
2	0.1590	25.60	9.66	35.26	55.52	-20.26	AVG	
3 *	0.3075	39.05	9.72	48.77	60.04	-11.27	QP	
4	0.3075	28.30	9.72	38.02	50.04	-12.02	AVG	
5	0.5370	24.67	9.77	34.44	56.00	-21.56	QP	
6	0.5370	12.50	9.77	22.27	46.00	-23.73	AVG	
7	1.0005	21.45	9.83	31.28	56.00	-24.72	QP	
8	1.0005	13.50	9.83	23.33	46.00	-22.67	AVG	
9	10.2030	23.30	10.48	33.78	60.00	-26.22	QP	
10	10.2030	12.30	10.48	22.78	50.00	-27.22	AVG	
11	19.5224	21.14	10.74	31.88	60.00	-28.12	QP	
12	19.5224	14.60	10.74	25.34	50.00	-24.66	AVG	

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

Test Mode	TX G Mode Channel 06	Phase	Neutral

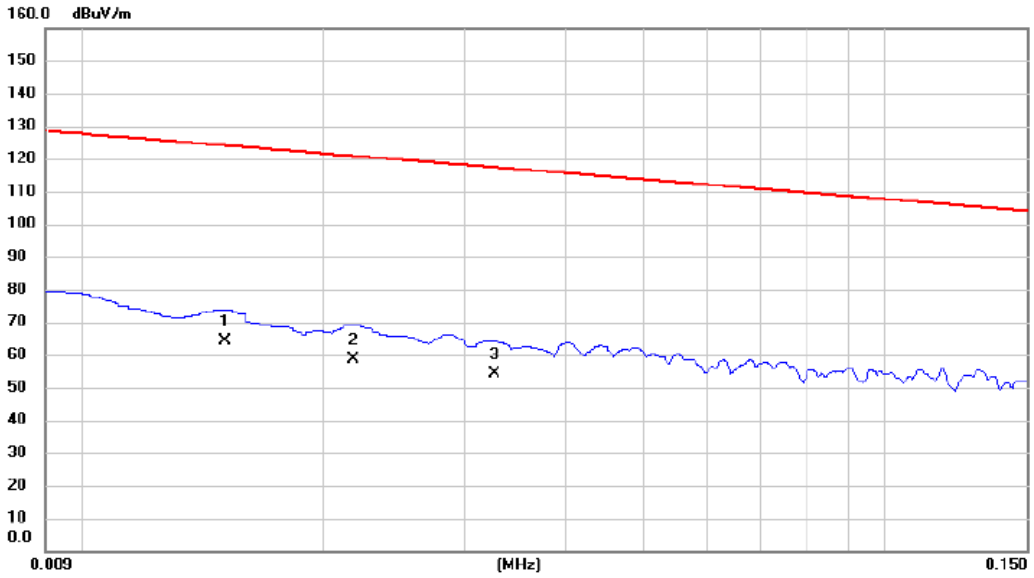


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1545	36.05	9.71	45.76	65.75	-19.99	QP	
2	0.1545	25.47	9.71	35.18	55.75	-20.57	AVG	
3 *	0.3120	39.05	9.76	48.81	59.92	-11.11	QP	
4	0.3120	28.29	9.76	38.05	49.92	-11.87	AVG	
5	0.6000	26.17	9.82	35.99	56.00	-20.01	QP	
6	0.6000	15.60	9.82	25.42	46.00	-20.58	AVG	
7	0.8070	25.04	9.83	34.87	56.00	-21.13	QP	
8	0.8070	16.80	9.83	26.63	46.00	-19.37	AVG	
9	10.4505	21.22	10.49	31.71	60.00	-28.29	QP	
10	10.4505	13.40	10.49	23.89	50.00	-26.11	AVG	
11	20.1210	22.86	10.82	33.68	60.00	-26.32	QP	
12	20.1210	12.30	10.82	23.12	50.00	-26.88	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

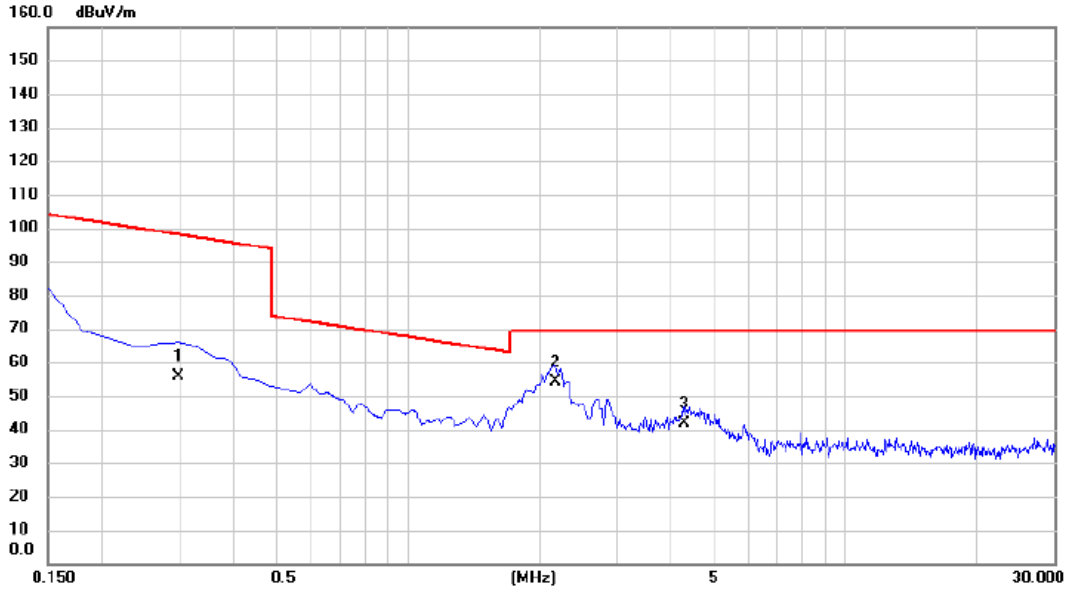
Test Mode	TX G Mode Channel 06	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0151	48.22	15.83	64.05	124.03	-59.98	AVG	
2		0.0218	44.36	14.25	58.61	120.84	-62.23	AVG	
3		0.0326	40.22	14.00	54.22	117.34	-63.12	AVG	

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

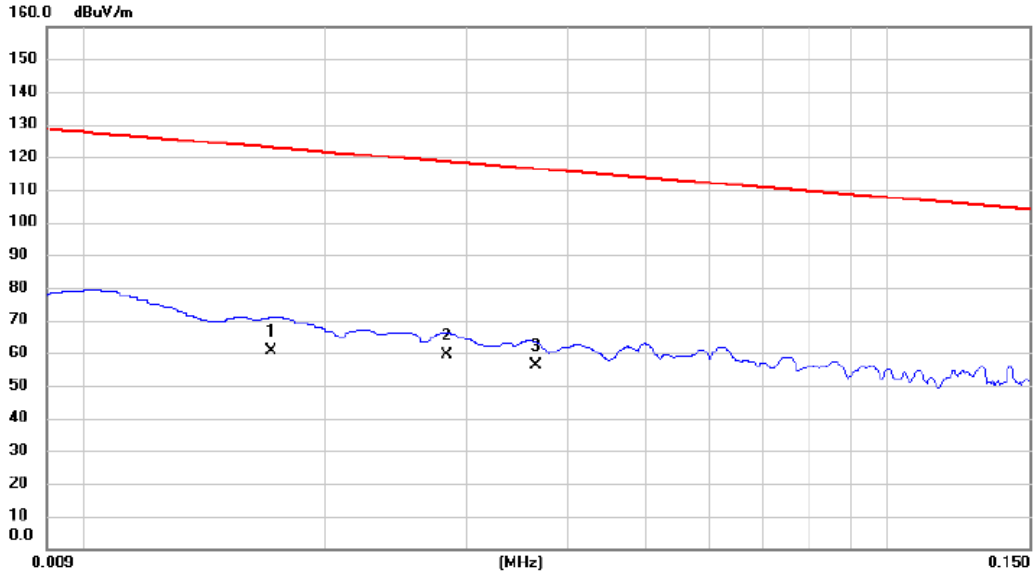
Test Mode	TX G Mode Channel 06	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2993	42.11	13.56	55.67	98.08	-42.41	AVG	
2	*	2.1798	42.36	12.02	54.38	69.54	-15.16	QP	
3		4.2991	30.12	11.73	41.85	69.54	-27.69	QP	

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

Test Mode	TX G Mode Channel 06	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0171	45.22	15.20	60.42	122.94	-62.52	AVG	
2	*	0.0283	45.36	14.10	59.46	118.57	-59.11	AVG	
3		0.0366	42.12	13.91	56.03	116.34	-60.31	AVG	

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

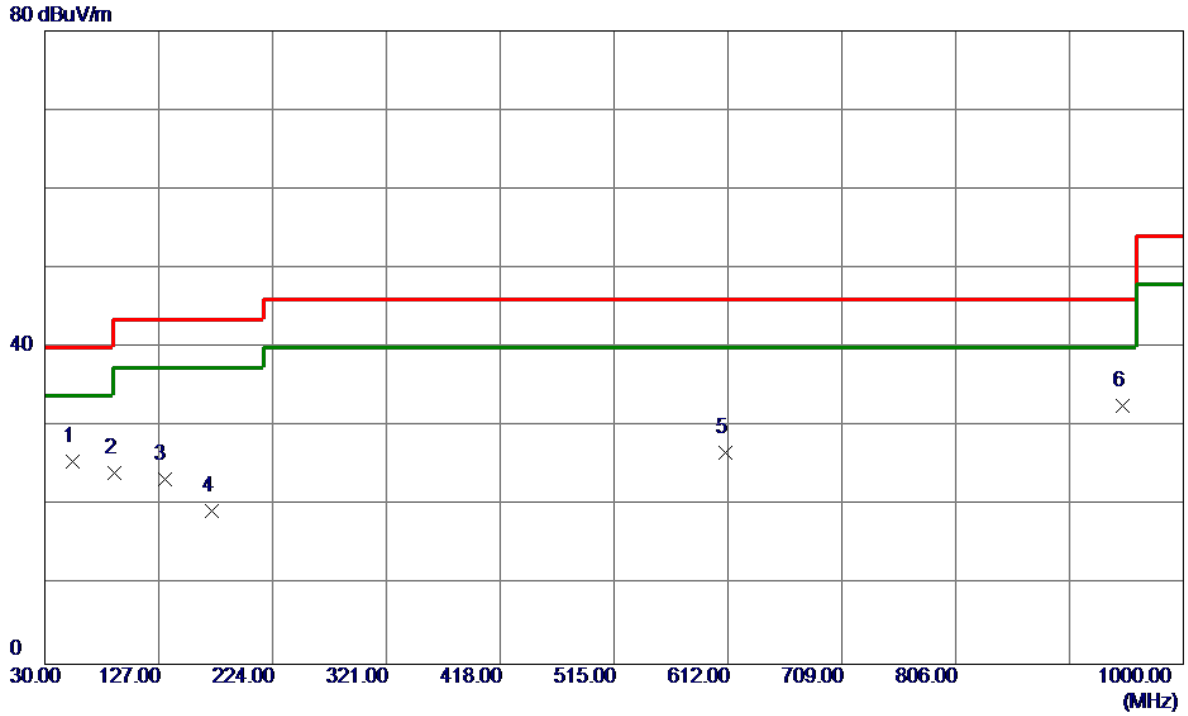
Test Mode	TX G Mode Channel 06	Polarization	Ant 90°

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2694	45.22	13.58	58.80	99.00	-40.20	AVG	
2	*	2.1201	40.22	12.04	52.26	69.54	-17.28	QP	
3		4.3290	30.63	11.73	42.36	69.54	-27.18	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

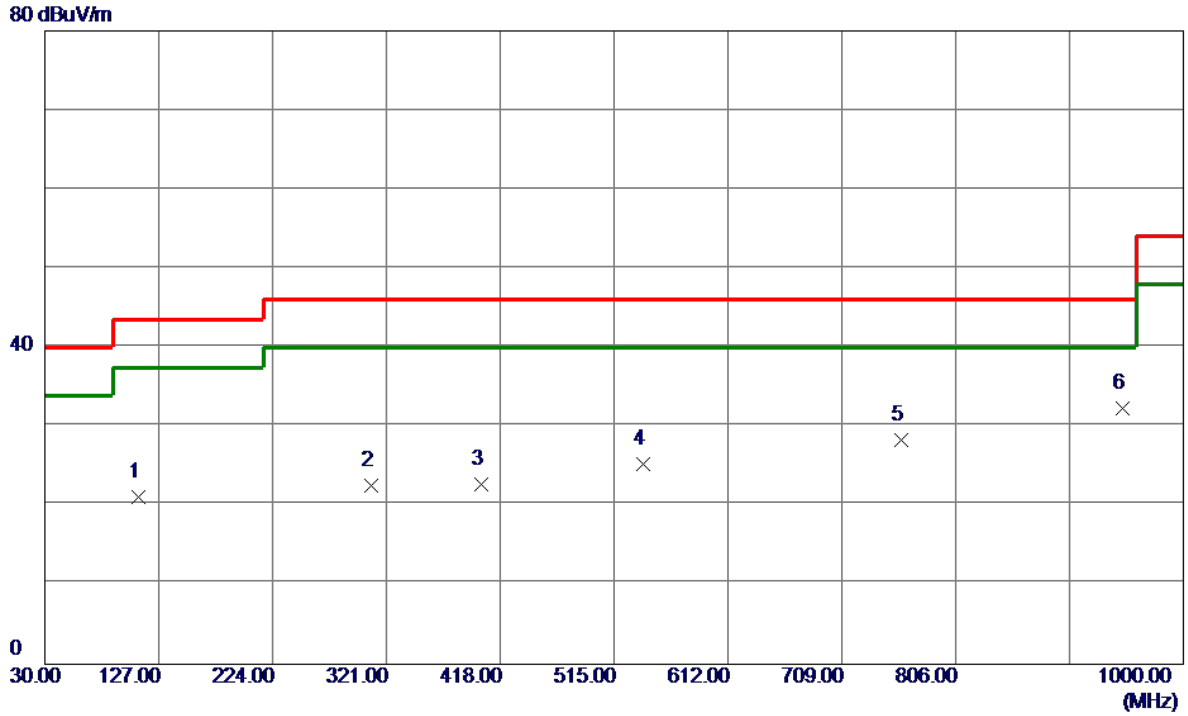
Test Mode	TX G Mode Channel 06	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	53.2800	40.14	-14.52	25.62	40.00	-14.38	Peak	
2	89.1700	43.30	-19.07	24.23	43.50	-19.27	Peak	
3	131.8500	37.23	-13.86	23.37	43.50	-20.13	Peak	
4	172.5900	32.80	-13.42	19.38	43.50	-24.12	Peak	
5	610.0600	31.86	-5.08	26.78	46.00	-19.22	Peak	
6 *	948.5900	31.42	1.19	32.61	46.00	-13.39	Peak	

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

Test Mode	TX G Mode Channel 06	Polarization	Horizontal

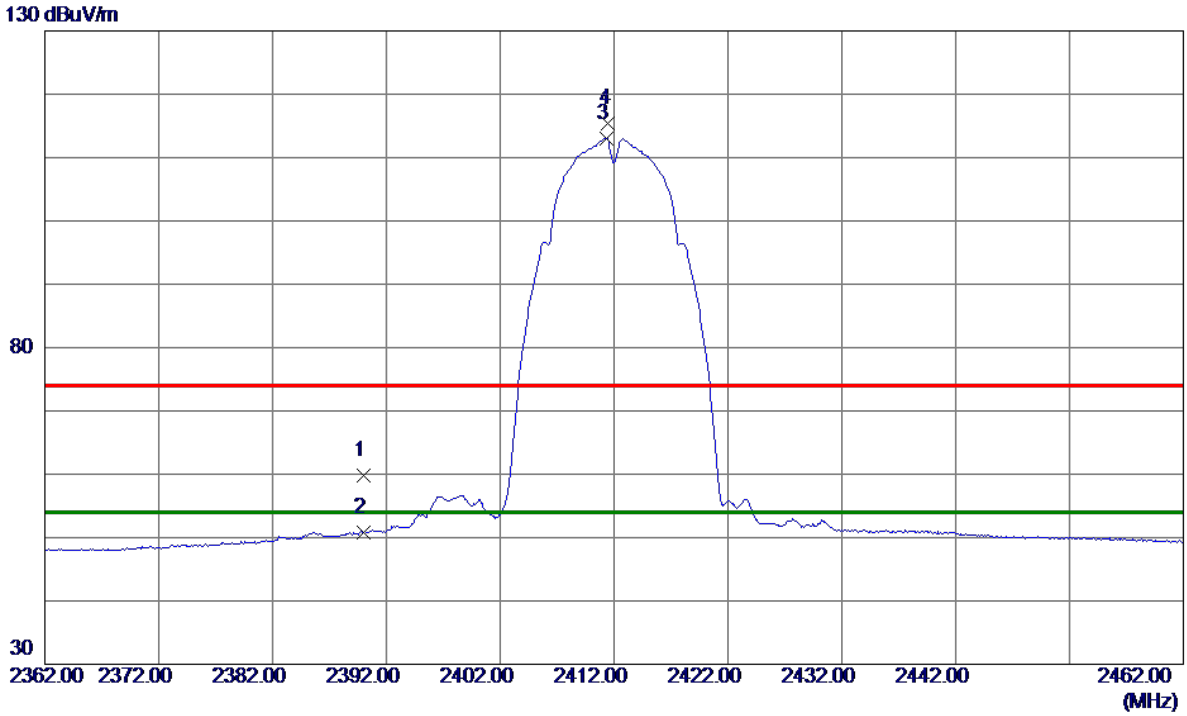


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	109.5400	36.81	-15.67	21.14	43.50	-22.36	Peak	
2	308.3900	33.92	-11.31	22.61	46.00	-23.39	Peak	
3	401.5100	32.07	-9.35	22.72	46.00	-23.28	Peak	
4	540.2199	31.95	-6.70	25.25	46.00	-20.75	Peak	
5	759.4400	30.64	-2.34	28.30	46.00	-17.70	Peak	
6 *	948.5900	31.09	1.19	32.28	46.00	-13.72	Peak	

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

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

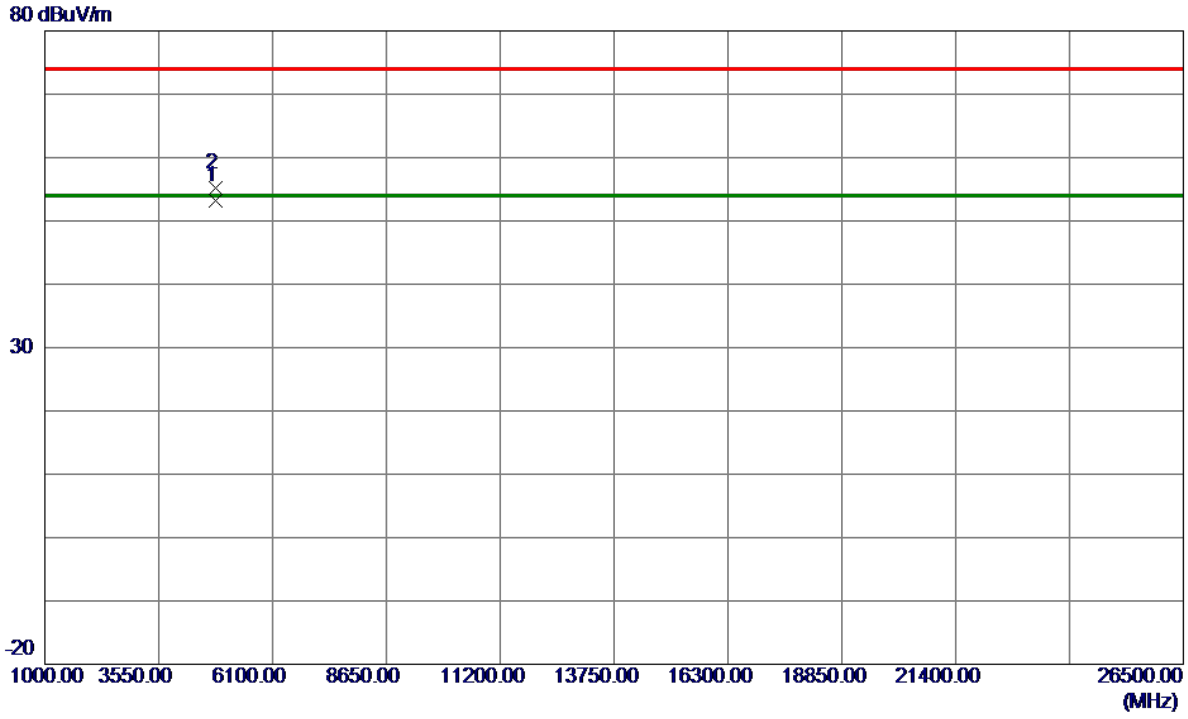
Test Mode	TX B Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	52.51	7.27	59.78	74.00	-14.22	Peak	
2	2390.0000	43.51	7.27	50.78	54.00	-3.22	AVG	
3 *	2411.3000	105.79	7.29	113.08	54.00	59.08	AVG	No Limit
4	2411.5000	108.10	7.29	115.39	74.00	41.39	Peak	No Limit

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

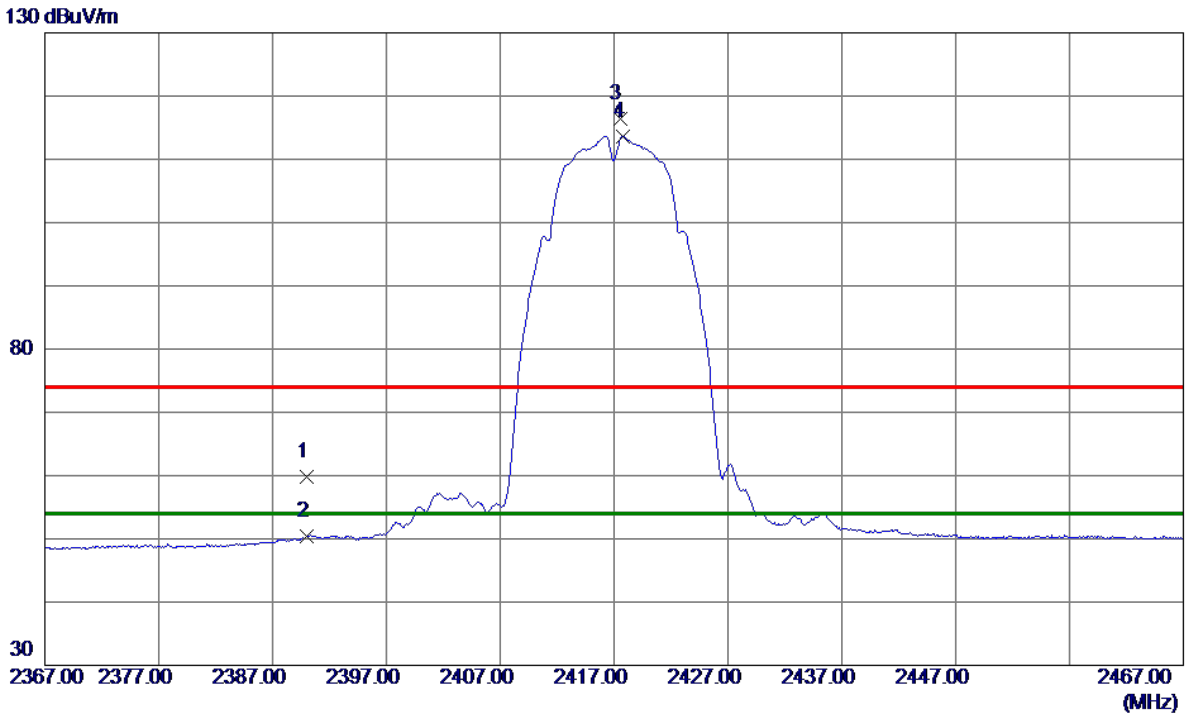
Test Mode	TX B Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.9500	48.88	4.33	53.21	54.00	-0.79	AVG	
2	4823.9520	50.88	4.33	55.21	74.00	-18.79	Peak	

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

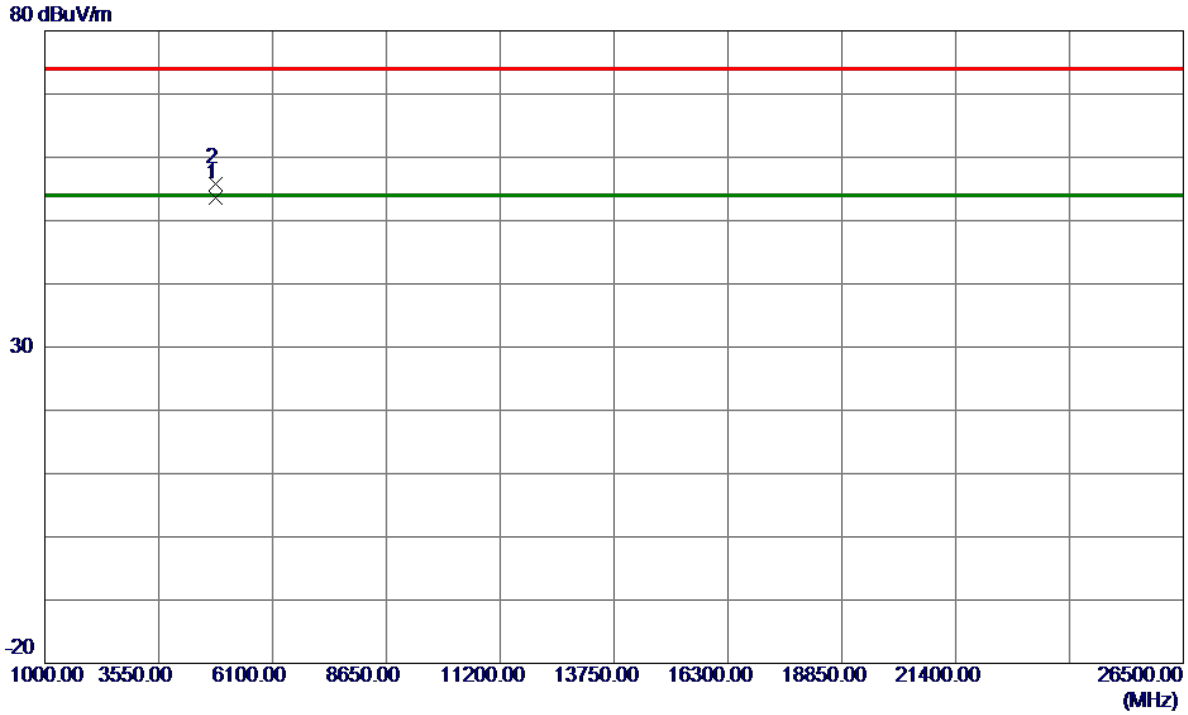
Test Mode	TX B Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	52.51	7.27	59.78	74.00	-14.22	Peak	
2	2390.0000	43.07	7.27	50.34	54.00	-3.66	AVG	
3	2417.5000	109.14	7.29	116.43	74.00	42.43	Peak	No Limit
4 *	2417.8000	106.40	7.29	113.69	54.00	59.69	AVG	No Limit

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

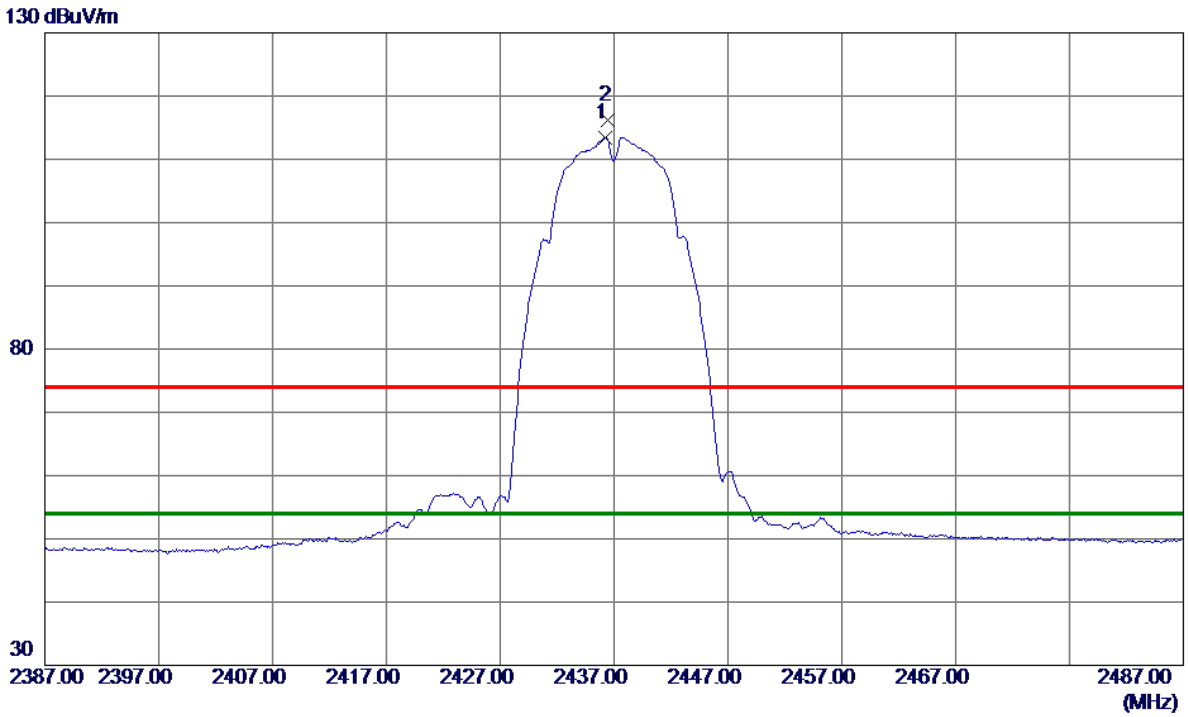
Test Mode	TX B Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4833.9300	49.35	4.34	53.69	54.00	-0.31	AVG	
2	4834.0379	51.56	4.34	55.90	74.00	-18.10	Peak	

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

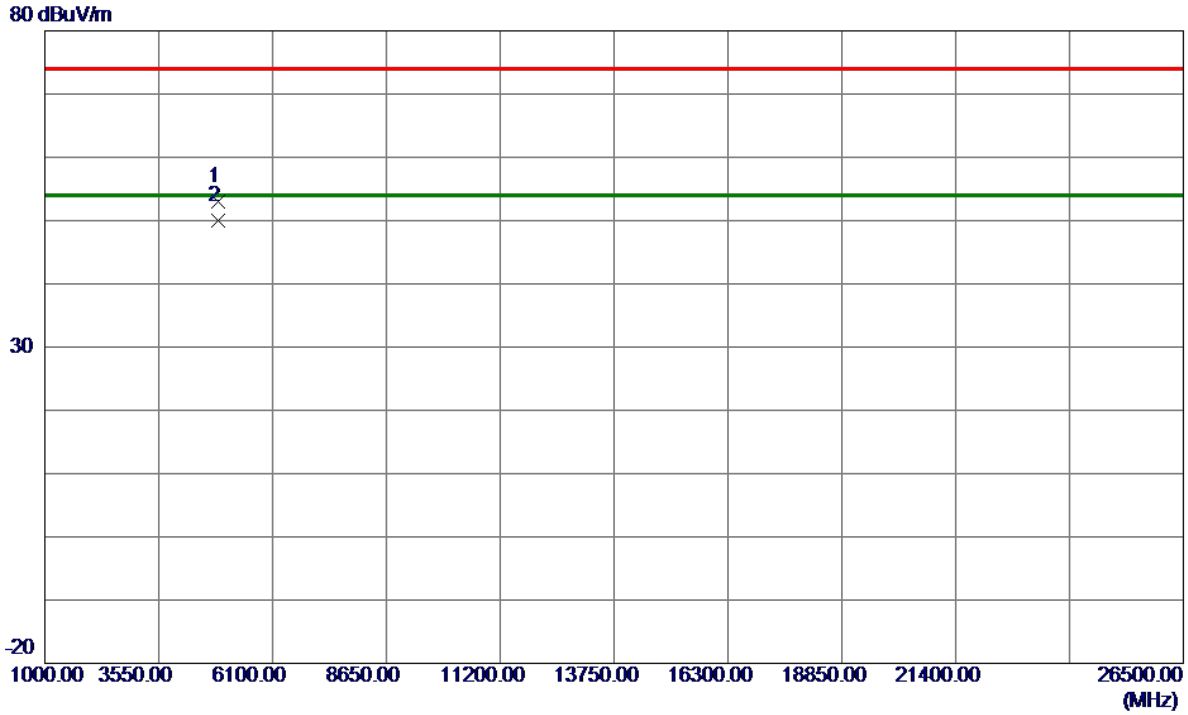
Test Mode	TX B Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2436.2000	106.17	7.30	113.47	54.00	59.47	AVG	No Limit
2	2436.5000	108.96	7.30	116.26	74.00	42.26	Peak	No Limit

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

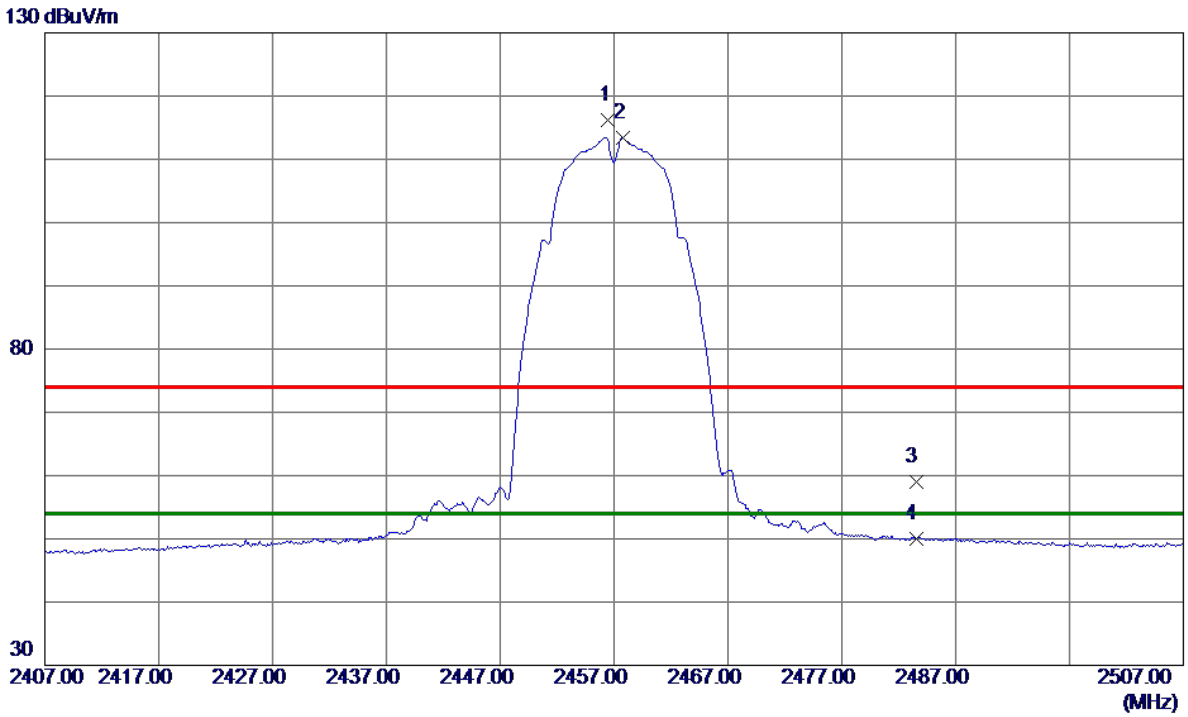
Test Mode	TX B Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.8700	48.50	4.41	52.91	74.00	-21.09	Peak	
2 *	4873.9120	45.50	4.41	49.91	54.00	-4.09	AVG	

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

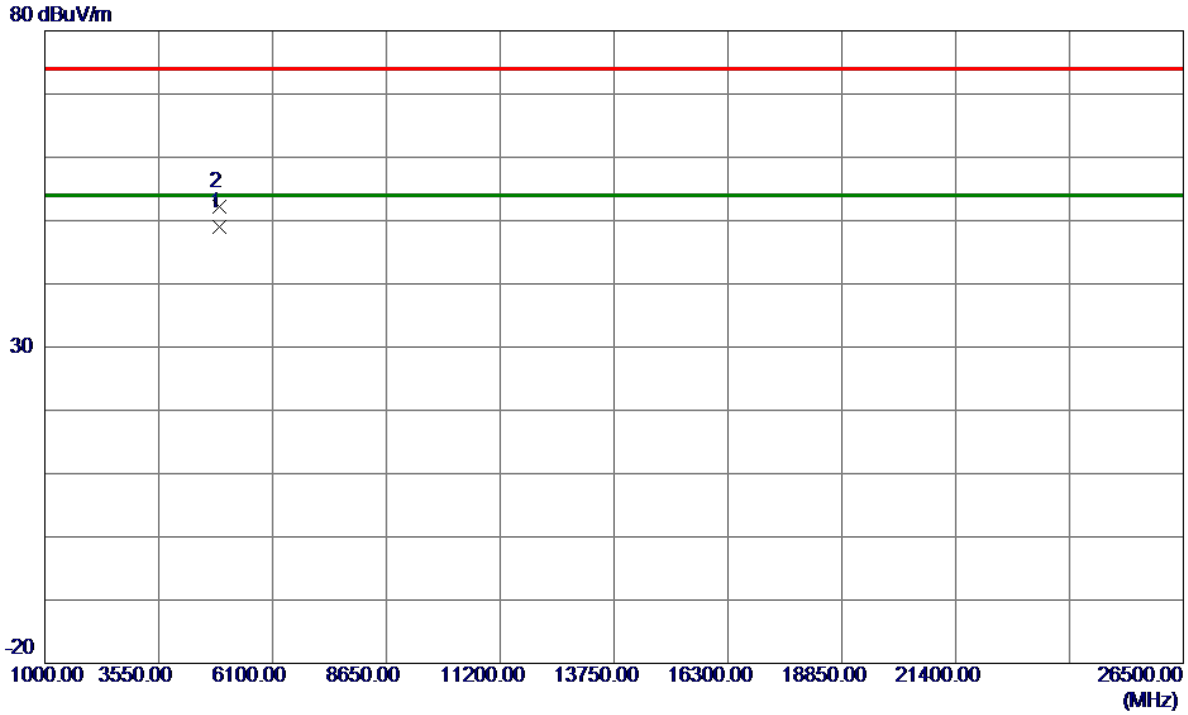
Test Mode	TX B Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2456.5000	108.92	7.32	116.24	74.00	42.24	Peak	No Limit
2 *	2457.8000	106.15	7.32	113.47	54.00	59.47	AVG	No Limit
3	2483.5000	51.75	7.33	59.08	74.00	-14.92	Peak	
4	2483.5000	42.61	7.33	49.94	54.00	-4.06	AVG	

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

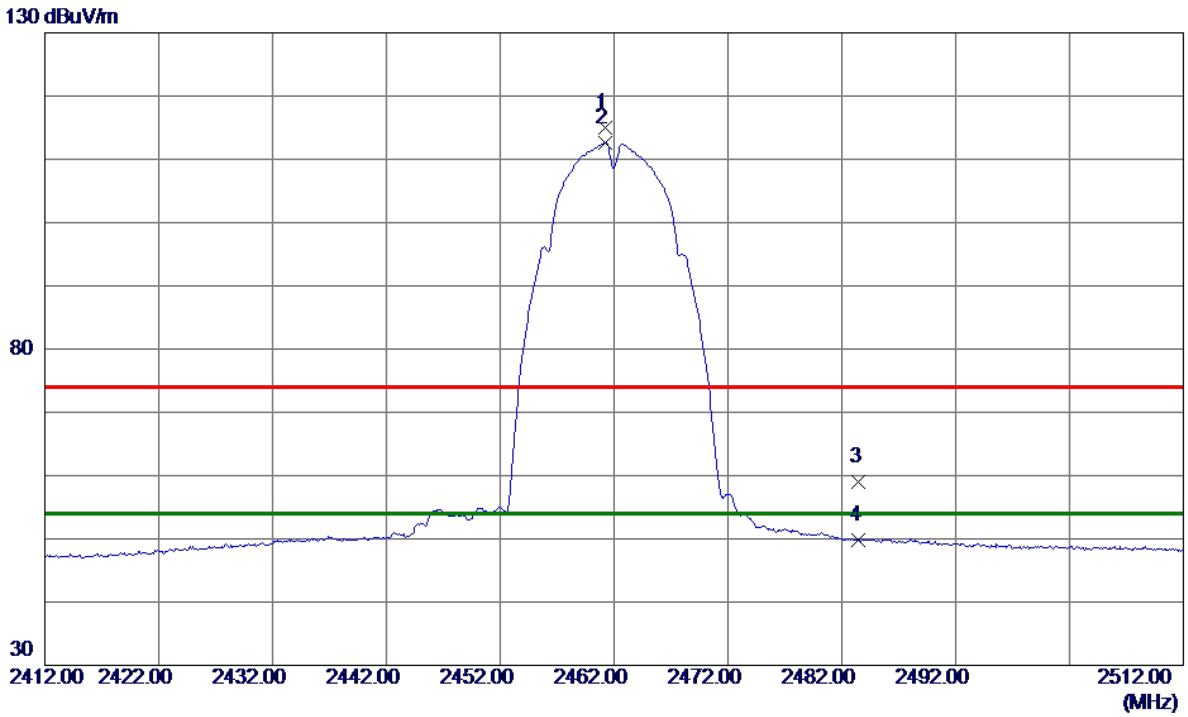
Test Mode	TX B Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4913.8780	44.43	4.48	48.91	54.00	-5.09	AVG	
2	4913.9440	47.76	4.48	52.24	74.00	-21.76	Peak	

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

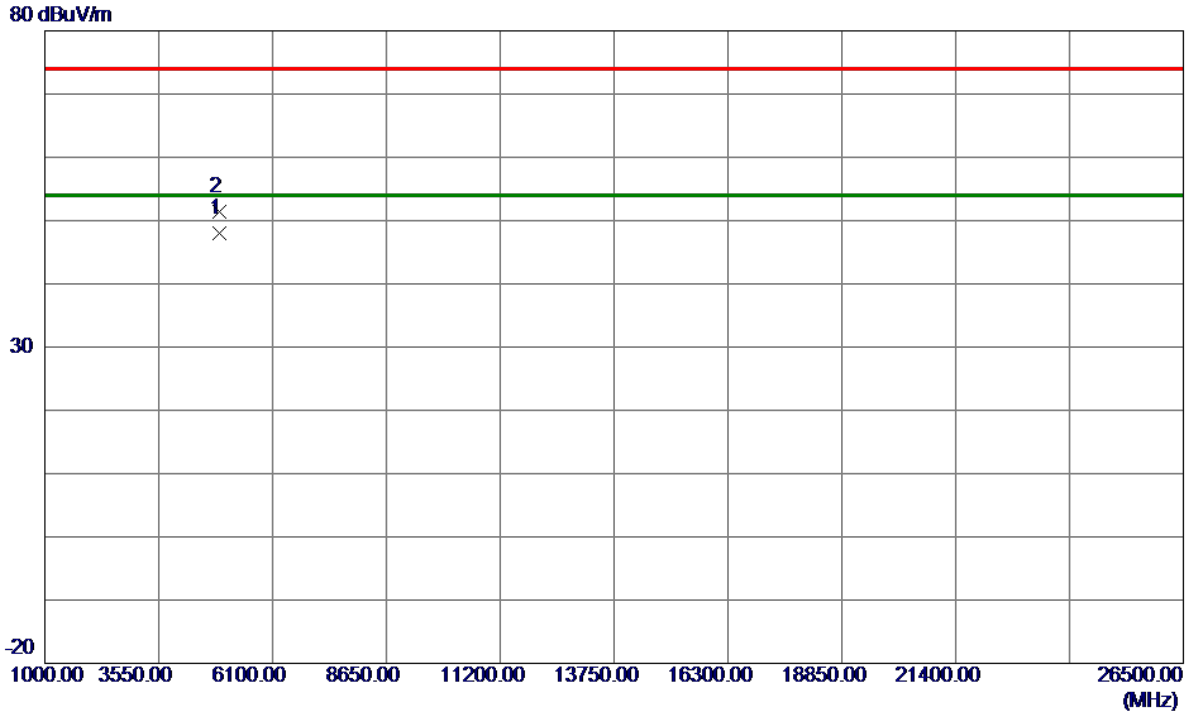
Test Mode	TX B Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2461.2000	107.64	7.32	114.96	74.00	40.96	Peak	No Limit
2 *	2461.2000	105.32	7.32	112.64	54.00	58.64	AVG	No Limit
3	2483.5000	51.61	7.33	58.94	74.00	-15.06	Peak	
4	2483.5000	42.52	7.33	49.85	54.00	-4.15	AVG	

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

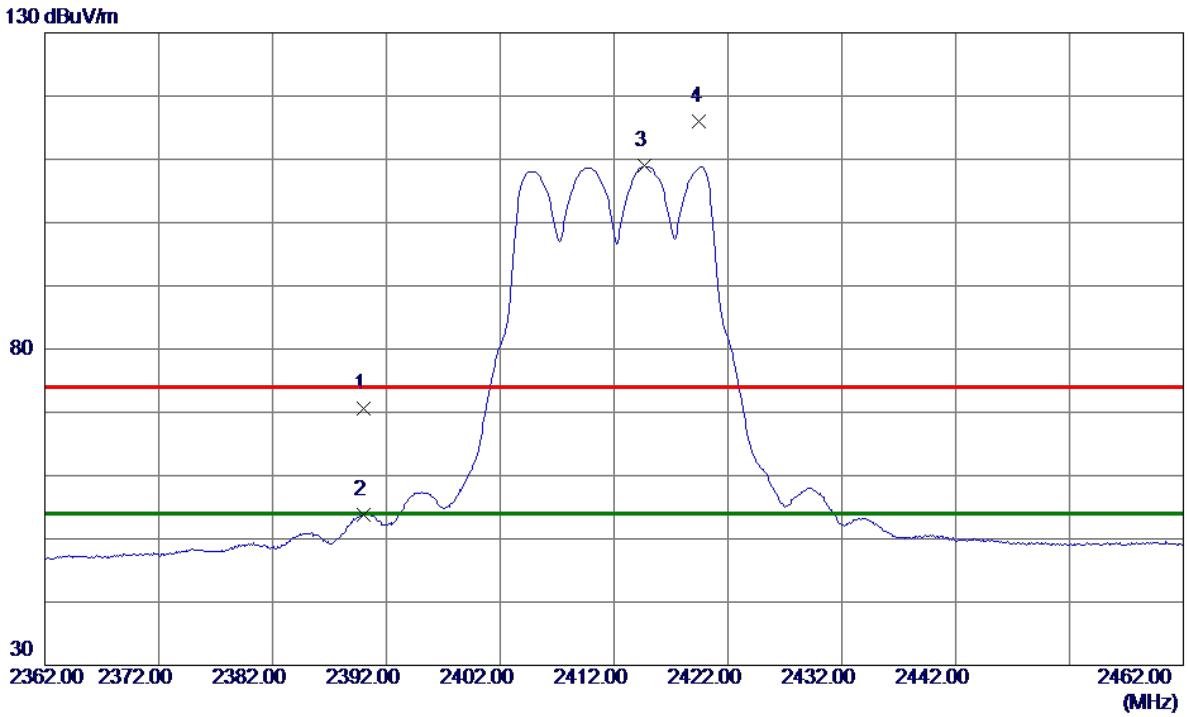
Test Mode	TX B Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.9160	43.55	4.49	48.04	54.00	-5.96	AVG	
2	4923.9540	46.99	4.49	51.48	74.00	-22.52	Peak	

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

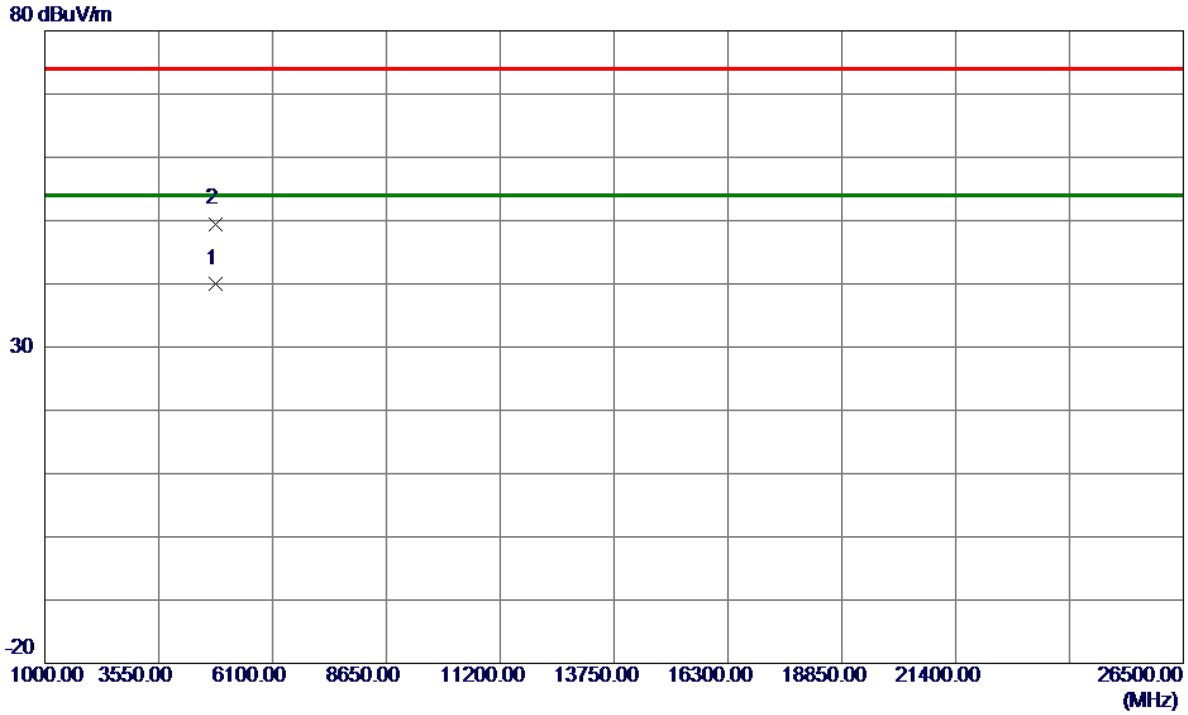
Test Mode	TX G Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	63.28	7.27	70.55	74.00	-3.45	Peak	
2	2390.0000	46.51	7.27	53.78	54.00	-0.22	AVG	
3 *	2414.7000	101.63	7.29	108.92	54.00	54.92	AVG	No Limit
4	2419.5000	108.77	7.29	116.06	74.00	42.06	Peak	No Limit

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

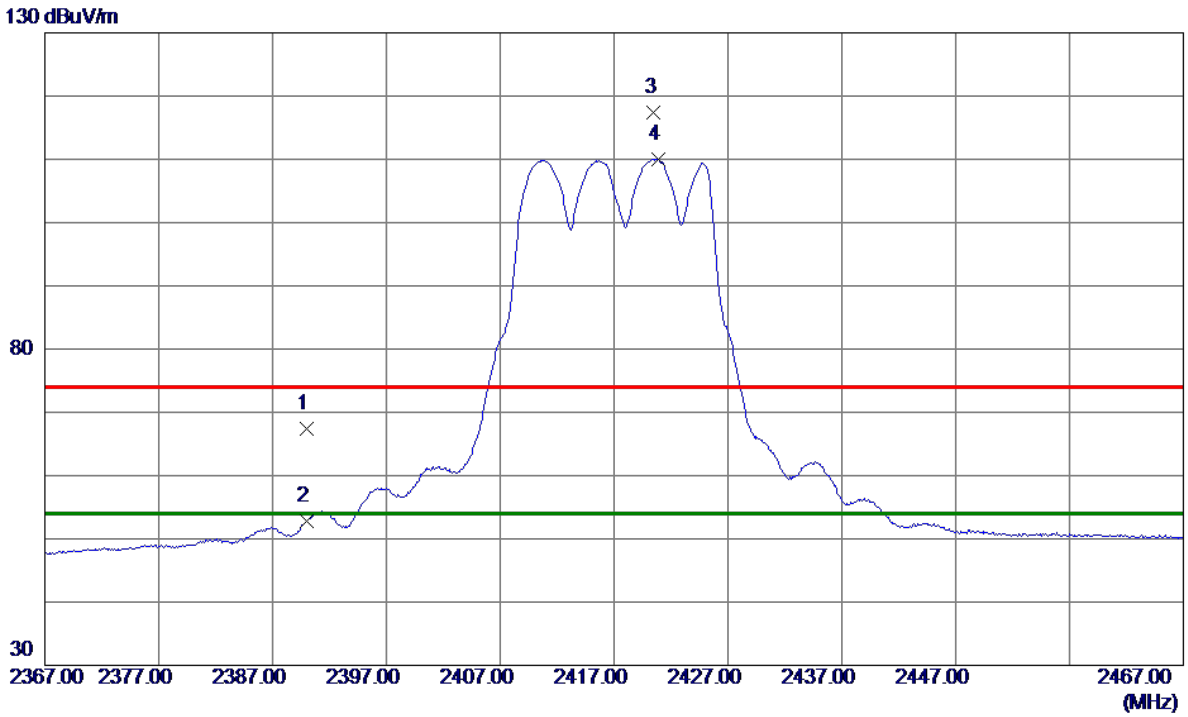
Test Mode	TX G Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.9900	35.58	4.33	39.91	54.00	-14.09	AVG	
2	4829.1900	45.17	4.33	49.50	74.00	-24.50	Peak	

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

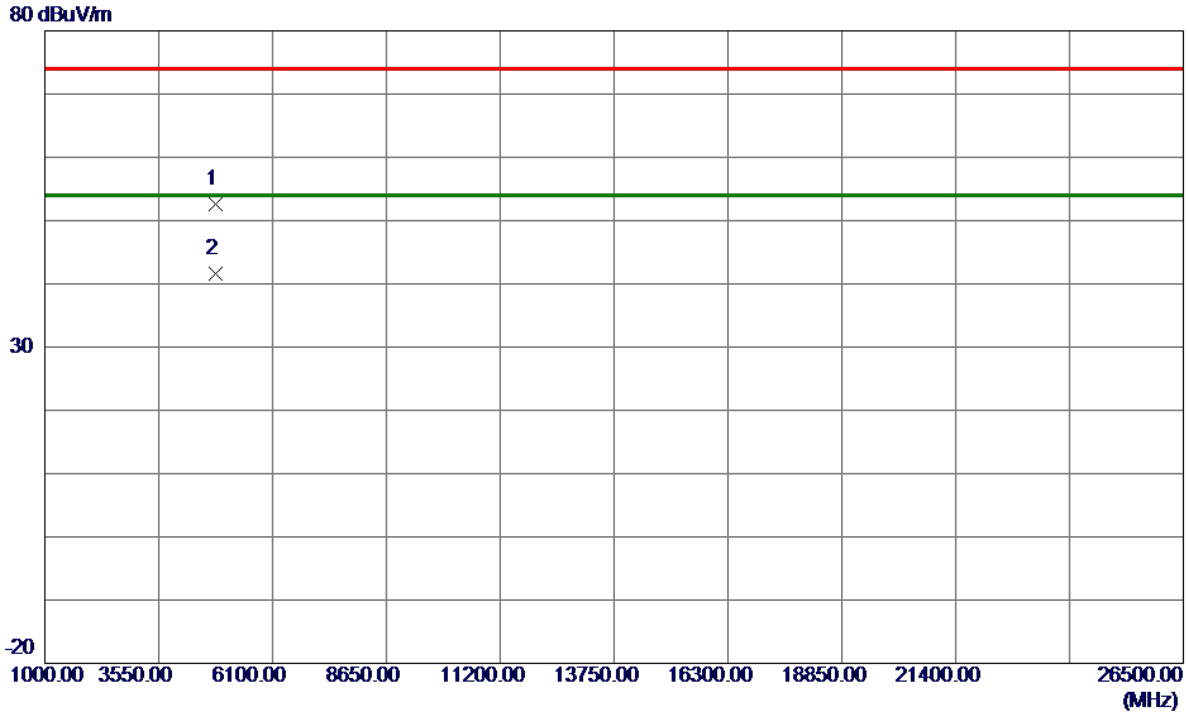
Test Mode	TX G Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	60.21	7.27	67.48	74.00	-6.52	Peak	
2	2390.0000	45.48	7.27	52.75	54.00	-1.25	AVG	
3	2420.5000	110.03	7.29	117.32	74.00	43.32	Peak	No Limit
4 *	2420.9000	102.73	7.29	110.02	54.00	56.02	AVG	No Limit

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

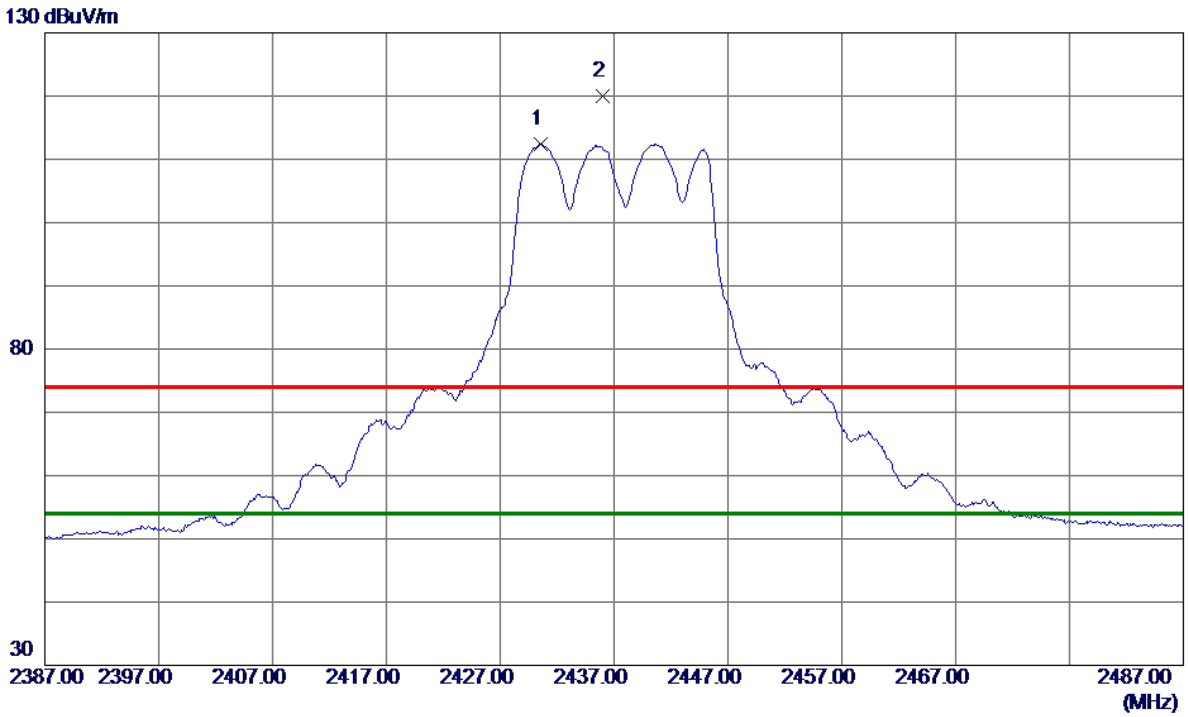
Test Mode	TX G Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4829.2900	48.36	4.33	52.69	74.00	-21.31	Peak	
2 *	4834.6900	37.34	4.34	41.68	54.00	-12.32	AVG	

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

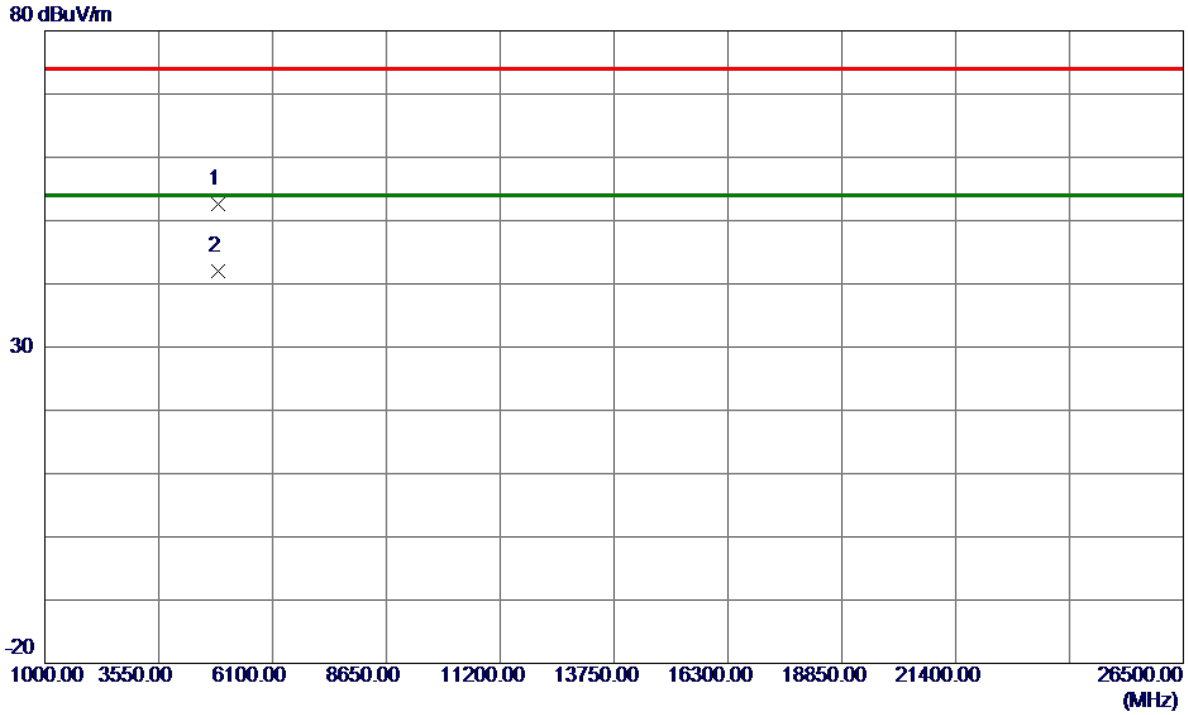
Test Mode	TX G Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2430.6000	105.13	7.30	112.43	54.00	58.43	AVG	No Limit
2	2436.0000	112.78	7.30	120.08	74.00	46.08	Peak	No Limit

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

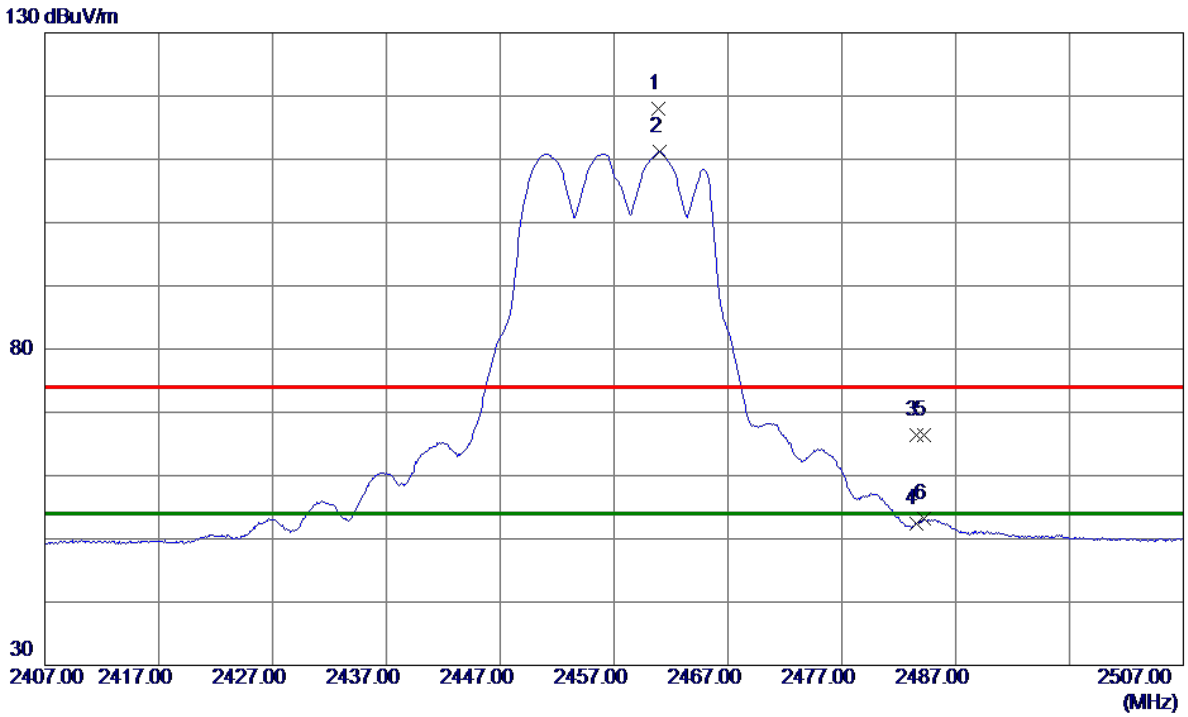
Test Mode	TX G Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4870.2799	48.23	4.40	52.63	74.00	-21.37	Peak	
2 *	4870.3400	37.54	4.40	41.94	54.00	-12.06	AVG	

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

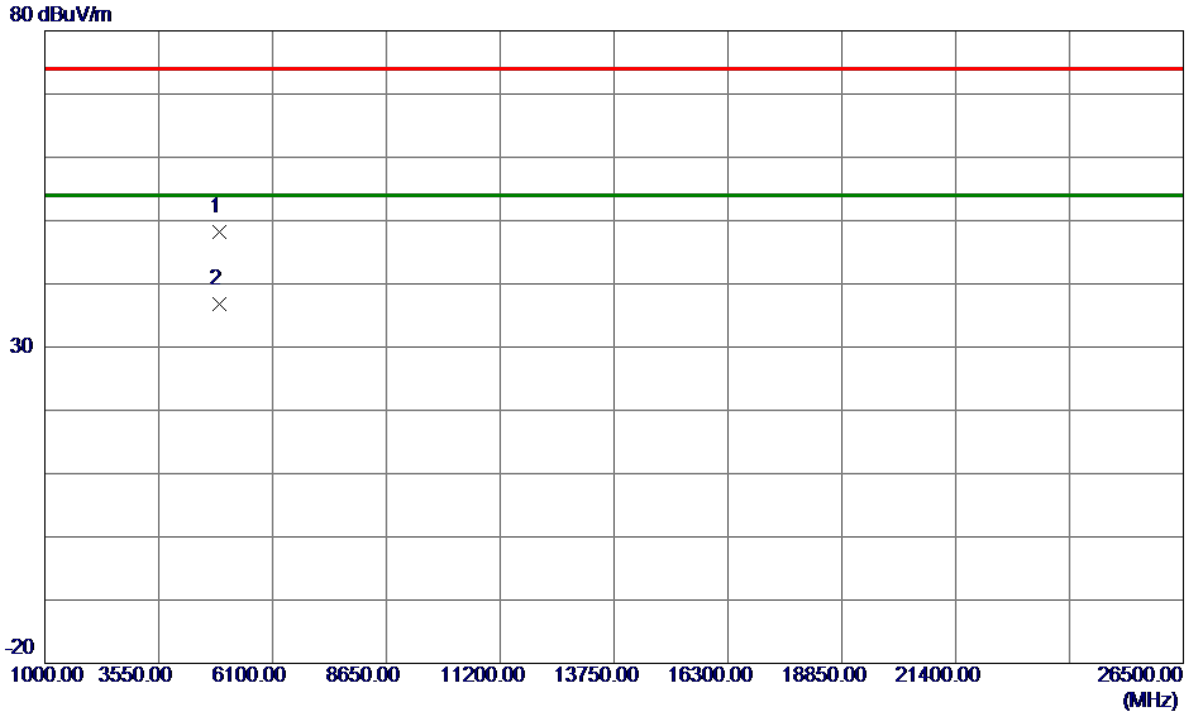
Test Mode	TX G Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2460.9000	110.67	7.32	117.99	74.00	43.99	Peak	No Limit
2 *	2461.0000	103.87	7.32	111.19	54.00	57.19	AVG	No Limit
3	2483.5000	59.05	7.33	66.38	74.00	-7.62	Peak	
4	2483.5000	45.07	7.33	52.40	54.00	-1.60	AVG	
5	2484.2000	59.07	7.33	66.40	74.00	-7.60	Peak	
6	2484.2000	45.78	7.33	53.11	54.00	-0.89	AVG	

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

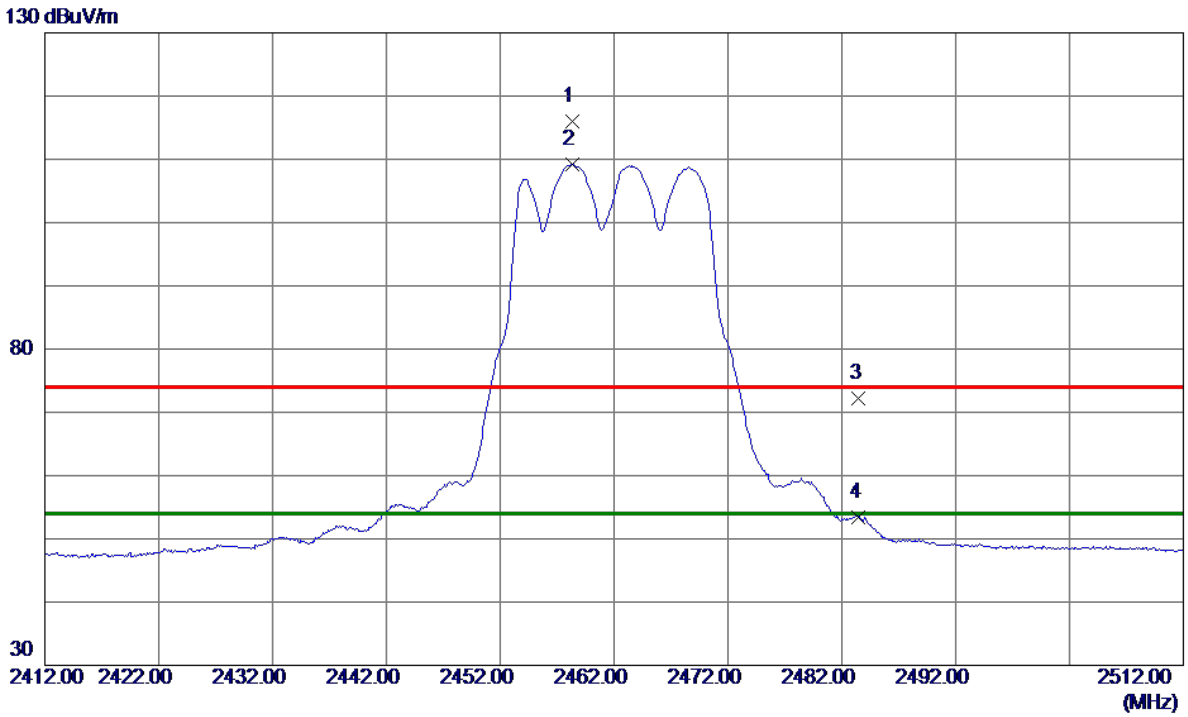
Test Mode	TX G Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4910.1000	43.66	4.47	48.13	74.00	-25.87	Peak	
2 *	4915.2300	32.24	4.48	36.72	54.00	-17.28	AVG	

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

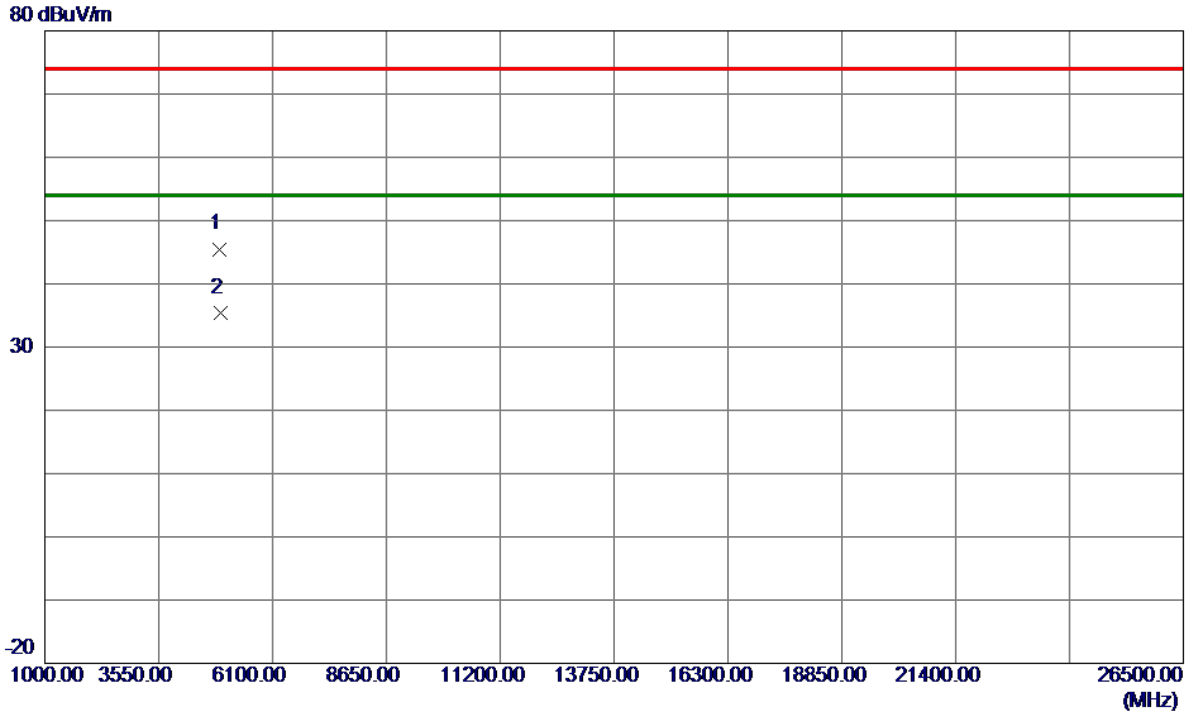
Test Mode	TX G Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2458.3000	108.73	7.32	116.05	74.00	42.05	Peak	No Limit
2 *	2458.3000	101.81	7.32	109.13	54.00	55.13	AVG	No Limit
3	2483.5000	64.90	7.33	72.23	74.00	-1.77	Peak	
4	2483.5000	45.99	7.33	53.32	54.00	-0.68	AVG	

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

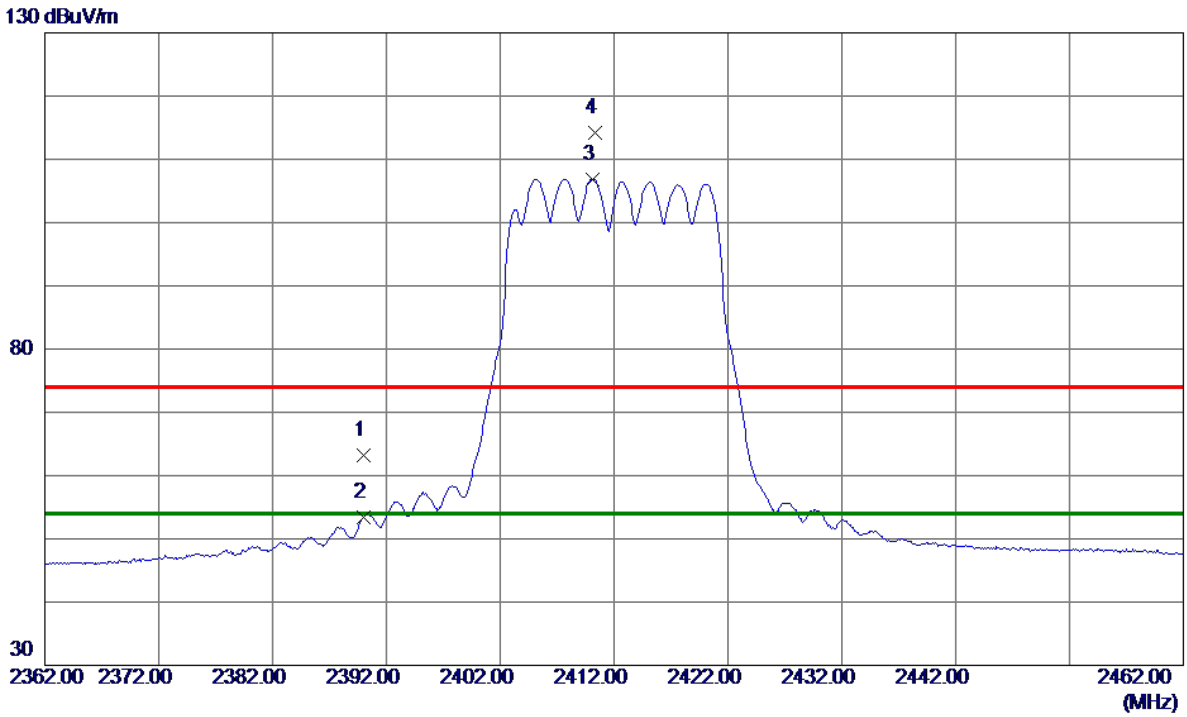
Test Mode	TX G Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4919.9800	41.01	4.49	45.50	74.00	-28.50	Peak	
2 *	4924.9000	30.88	4.49	35.37	54.00	-18.63	AVG	

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

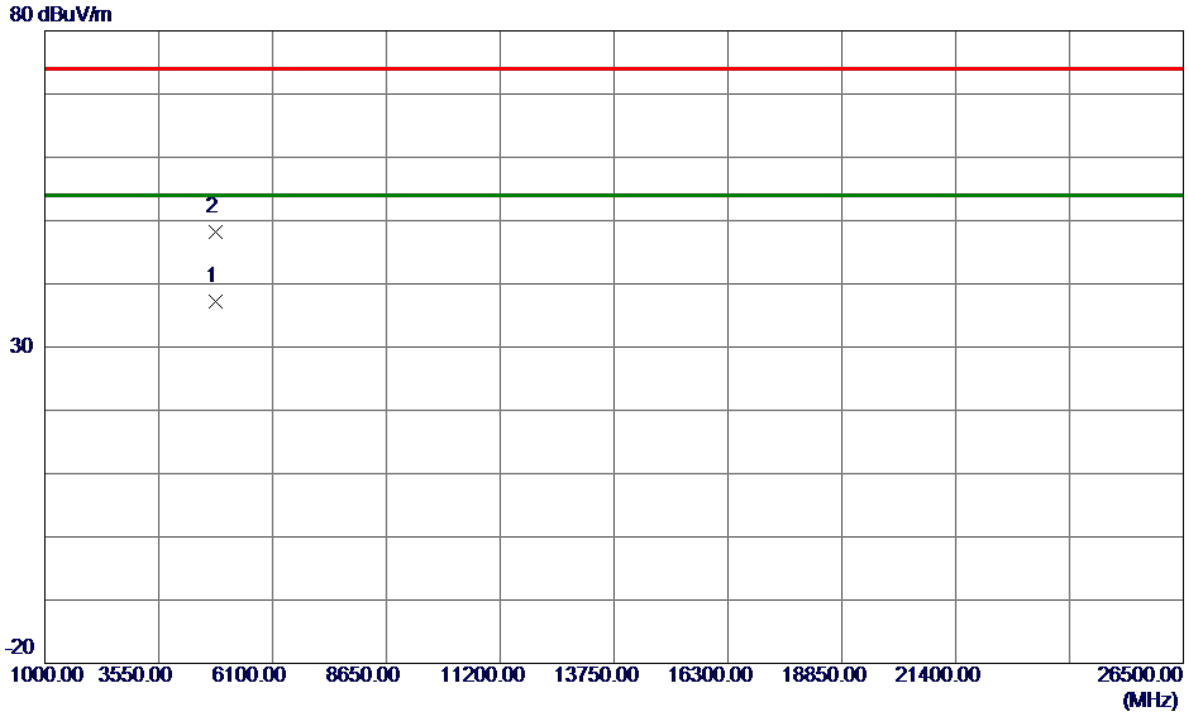
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	55.98	7.27	63.25	74.00	-10.75	Peak	
2	2390.0000	46.21	7.27	53.48	54.00	-0.52	AVG	
3 *	2410.1000	99.53	7.28	106.81	54.00	52.81	AVG	No Limit
4	2410.3000	106.86	7.28	114.14	74.00	40.14	Peak	No Limit

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

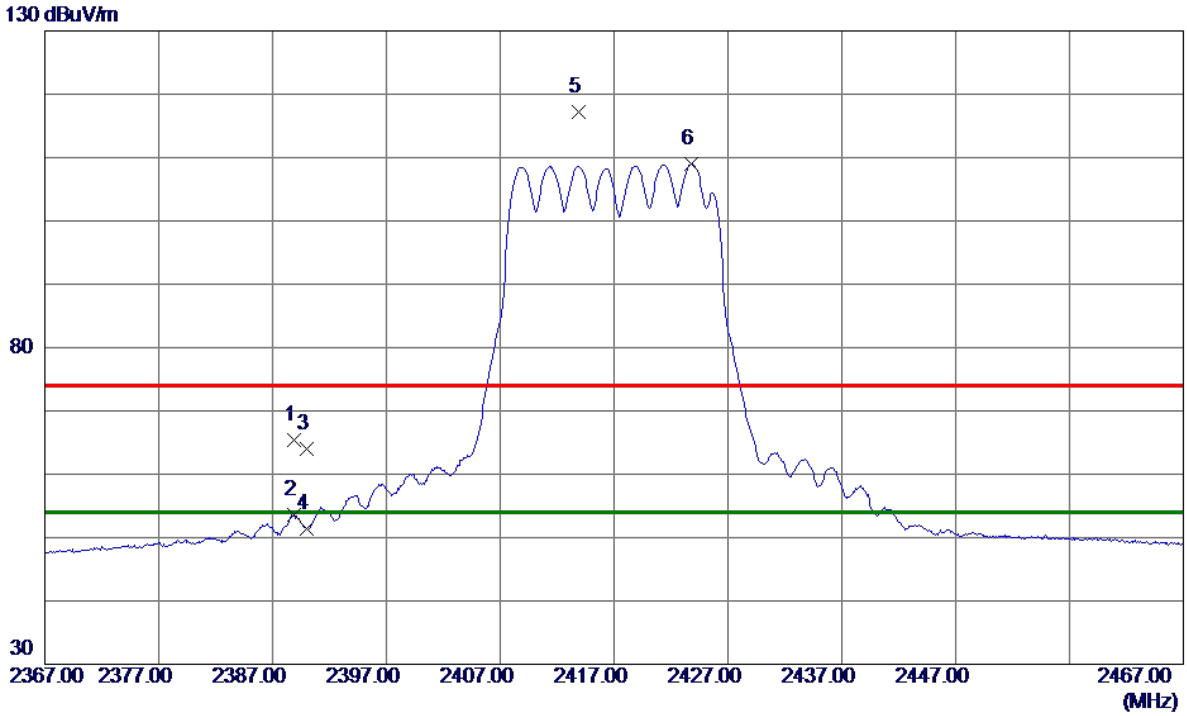
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4821.9900	32.83	4.32	37.15	54.00	-16.85	AVG	
2	4831.8600	43.80	4.34	48.14	74.00	-25.86	Peak	

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

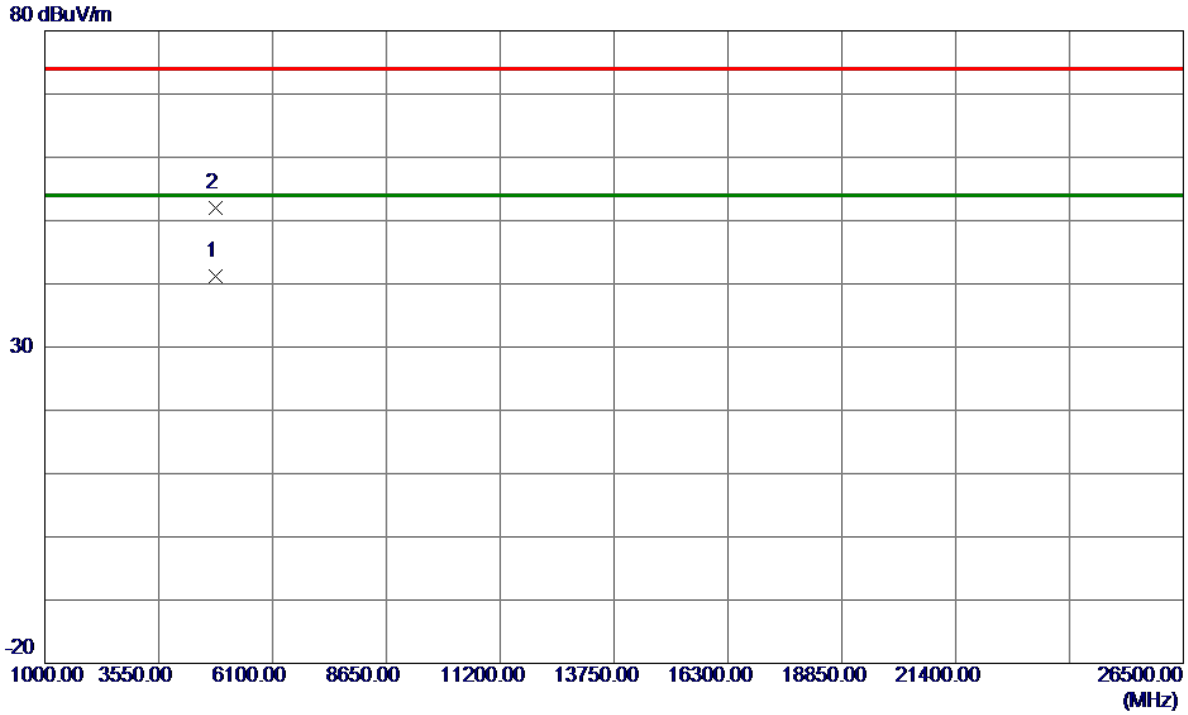
Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2388.9000	58.09	7.27	65.36	74.00	-8.64	Peak	
2	2388.9000	46.28	7.27	53.55	54.00	-0.45	AVG	
3	2390.0000	56.78	7.27	64.05	74.00	-9.95	Peak	
4	2390.0000	44.05	7.27	51.32	54.00	-2.68	AVG	
5	2413.9000	109.89	7.29	117.18	74.00	43.18	Peak	No Limit
6 *	2423.8000	101.71	7.29	109.00	54.00	55.00	AVG	No Limit

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

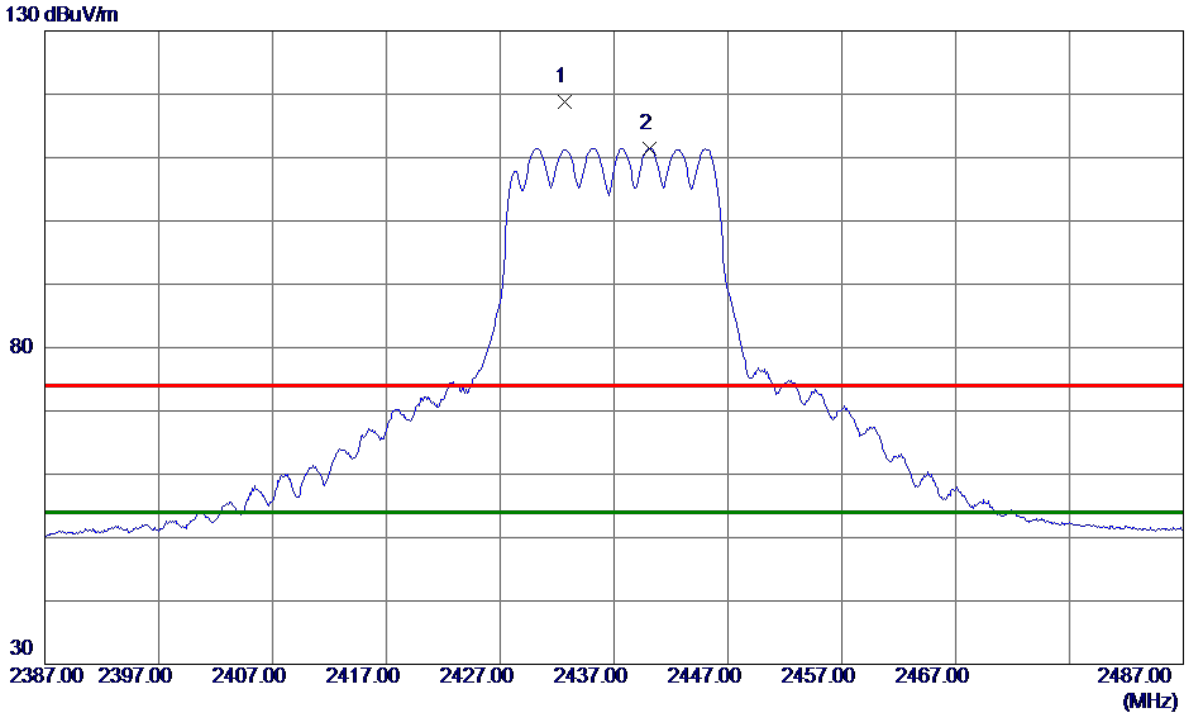
Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4834.2400	36.85	4.34	41.19	54.00	-12.81	AVG	
2	4837.1500	47.63	4.35	51.98	74.00	-22.02	Peak	

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

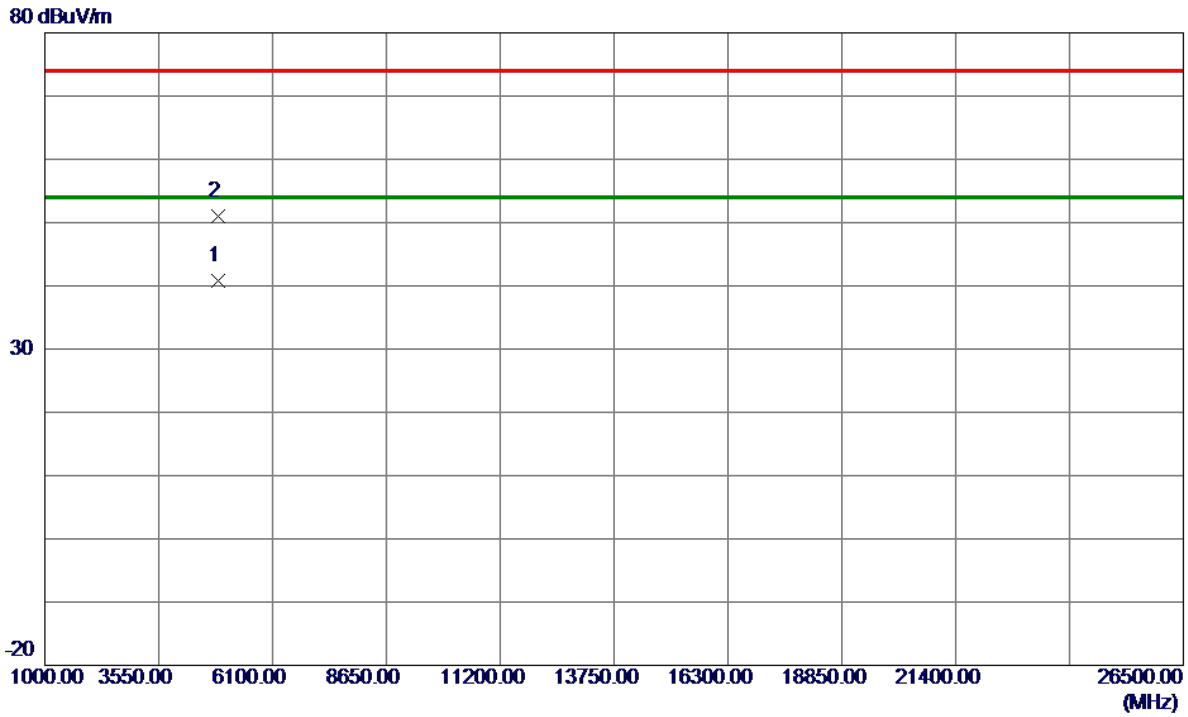
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2432.7000	111.53	7.30	118.83	74.00	44.83	Peak	No Limit
2 *	2440.1000	104.18	7.30	111.48	54.00	57.48	AVG	No Limit

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

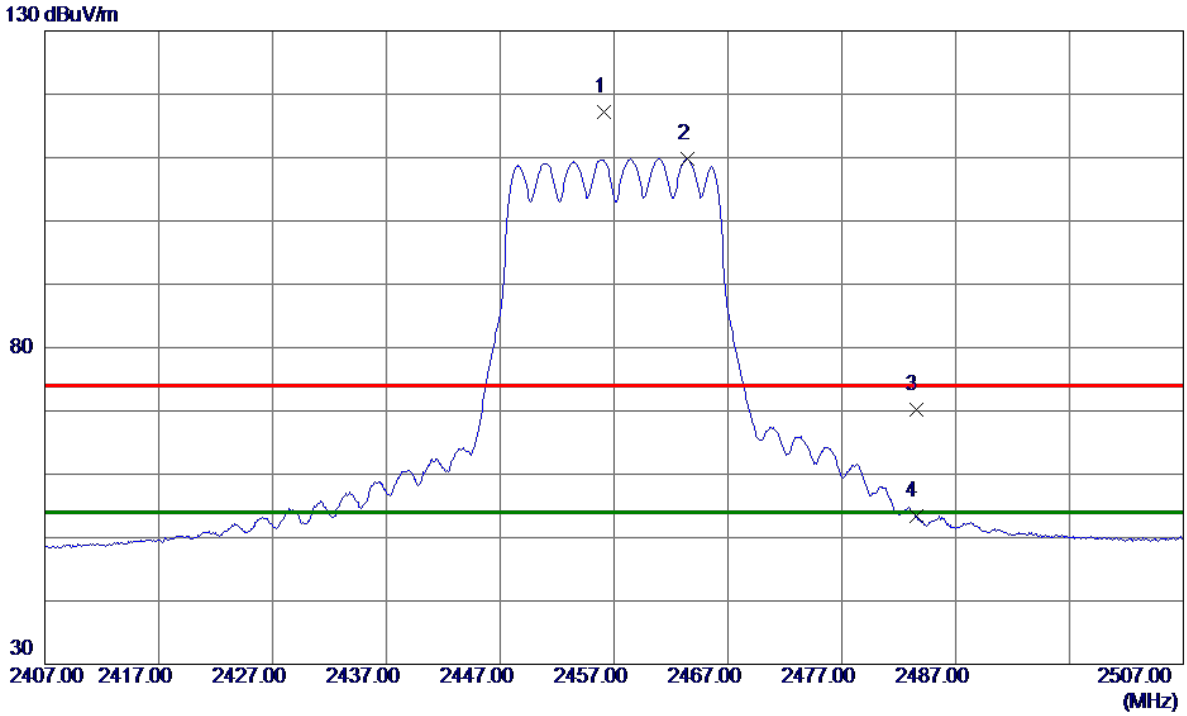
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4872.1700	36.47	4.41	40.88	54.00	-13.12	AVG	
2	4874.5400	46.68	4.41	51.09	74.00	-22.91	Peak	

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

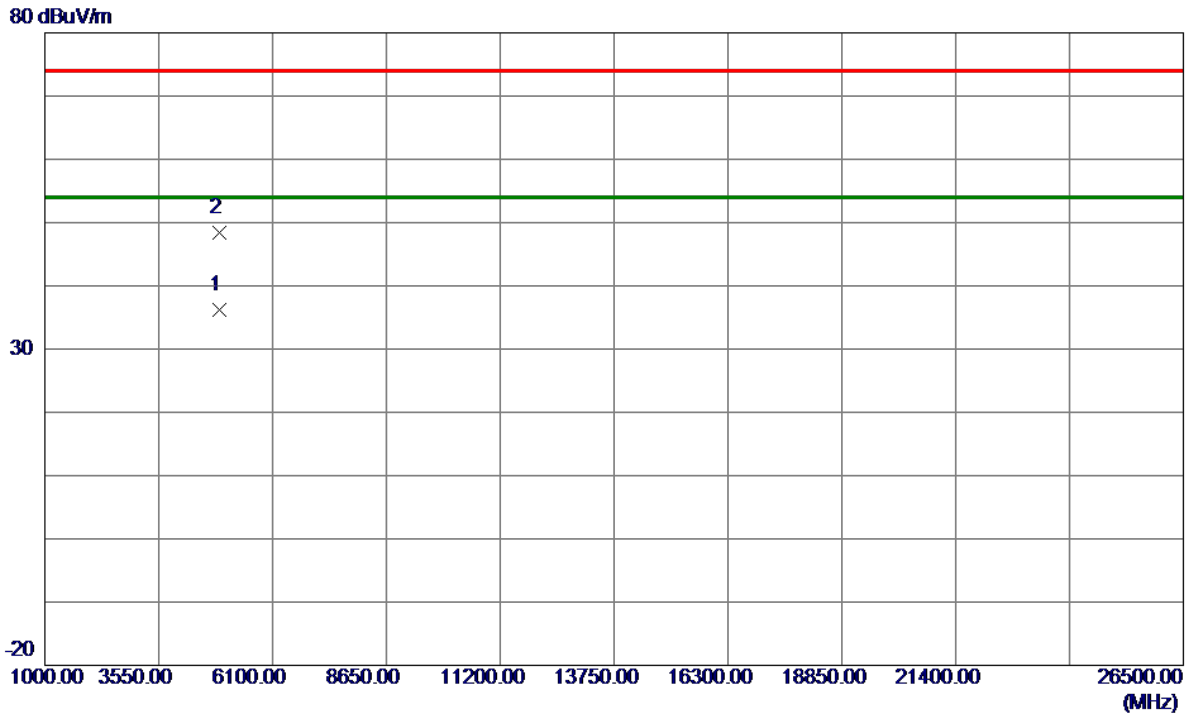
Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2456.1000	109.93	7.32	117.25	74.00	43.25	Peak	No Limit
2 *	2463.4000	102.46	7.32	109.78	54.00	55.78	AVG	No Limit
3	2483.5000	62.92	7.33	70.25	74.00	-3.75	Peak	
4	2483.5000	46.11	7.33	53.44	54.00	-0.56	AVG	

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

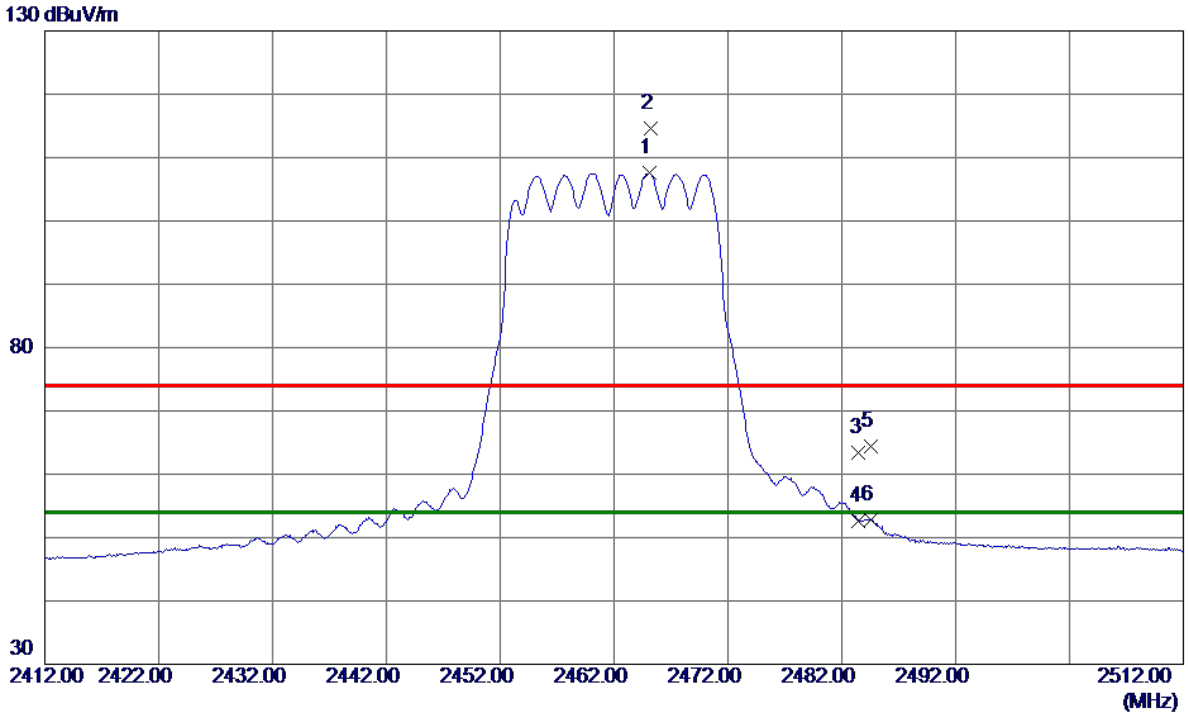
Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4914.4200	31.64	4.48	36.12	54.00	-17.88	AVG	
2	4917.0000	43.95	4.48	48.43	74.00	-25.57	Peak	

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

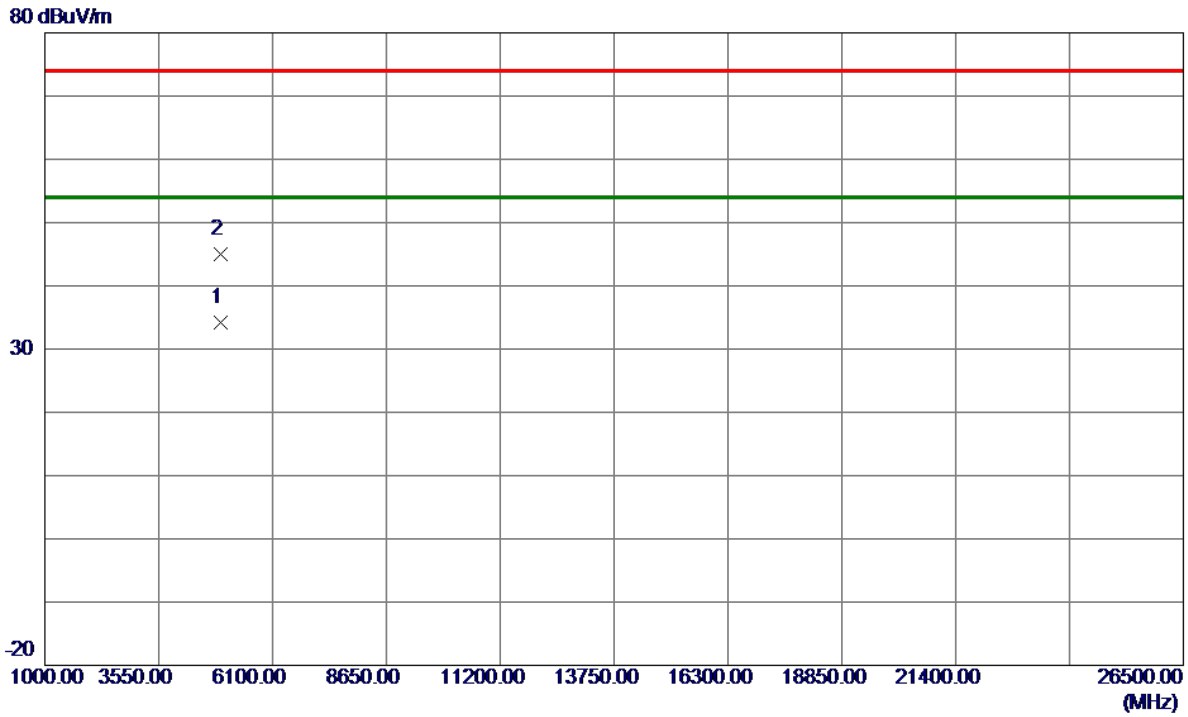
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2465.1000	100.19	7.32	107.51	54.00	53.51	AVG	No Limit
2	2465.2000	107.21	7.32	114.53	74.00	40.53	Peak	No Limit
3	2483.5000	56.09	7.33	63.42	74.00	-10.58	Peak	
4	2483.5000	45.21	7.33	52.54	54.00	-1.46	AVG	
5	2484.6000	57.13	7.33	64.46	74.00	-9.54	Peak	
6	2484.6000	45.49	7.33	52.82	54.00	-1.18	AVG	

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

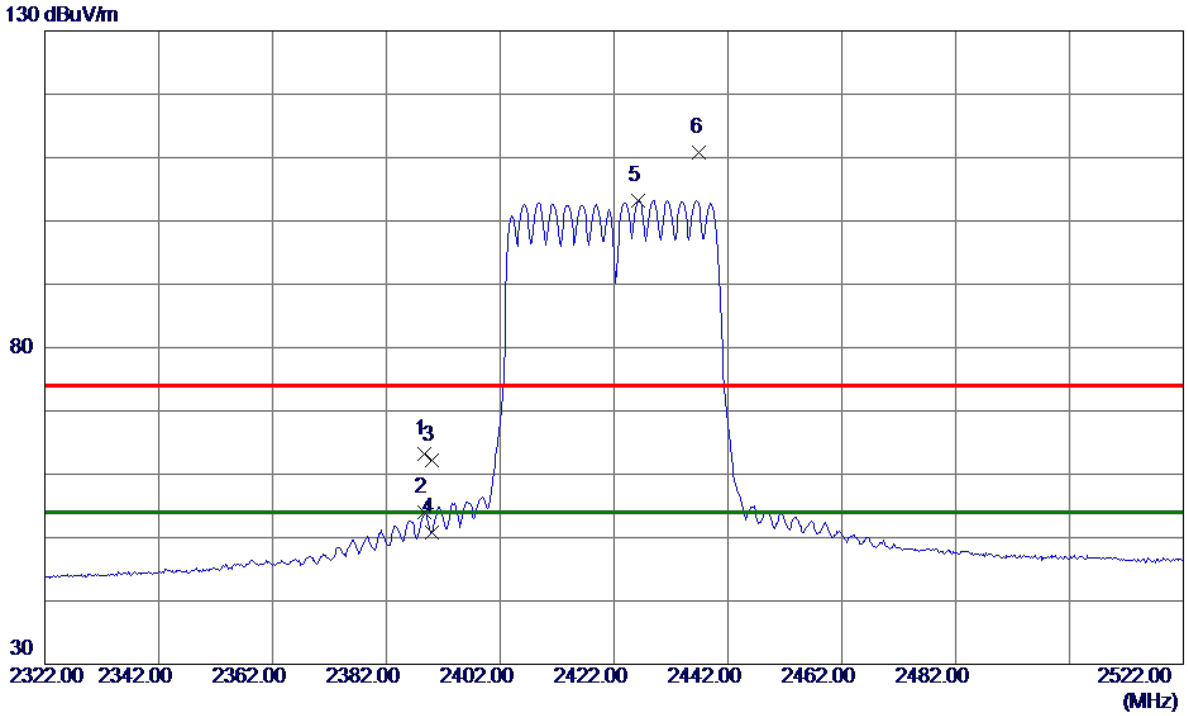
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.4800	29.63	4.49	34.12	54.00	-19.88	AVG	
2	4925.6200	40.56	4.50	45.06	74.00	-28.94	Peak	

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

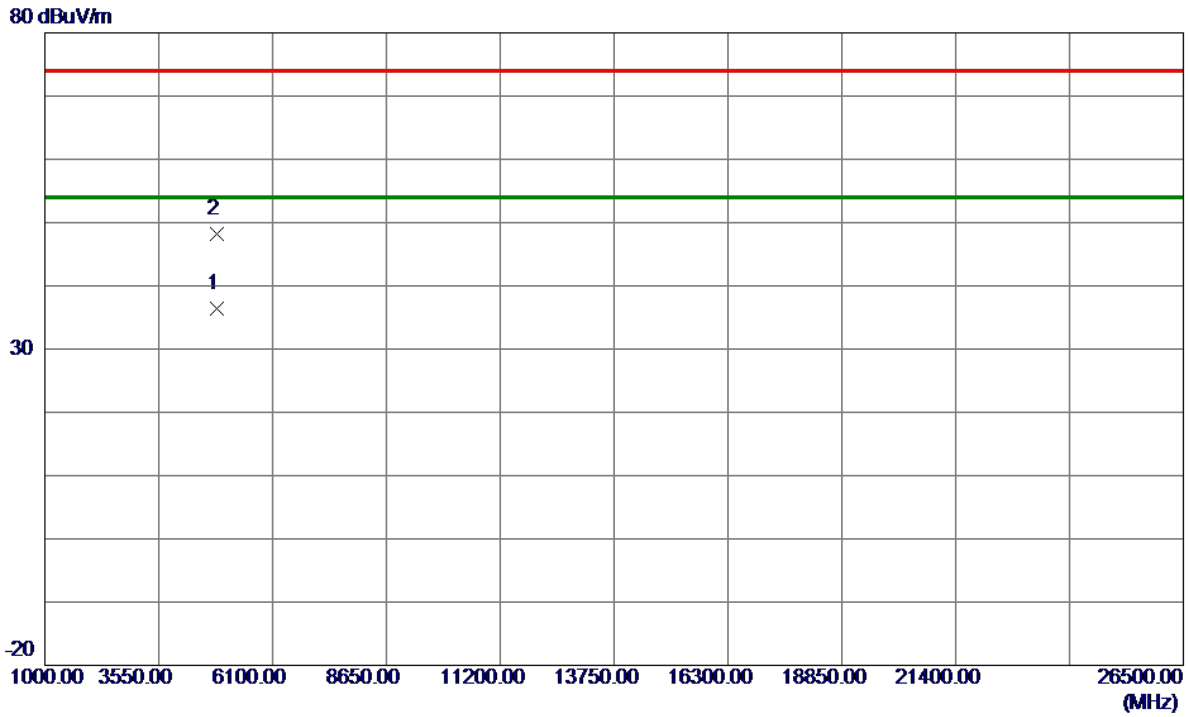
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2388.6000	55.92	7.27	63.19	74.00	-10.81	Peak	
2	2388.6000	46.65	7.27	53.92	54.00	-0.08	AVG	
3	2390.0000	54.94	7.27	62.21	74.00	-11.79	Peak	
4	2390.0000	43.61	7.27	50.88	54.00	-3.12	AVG	
5 *	2426.2000	95.92	7.30	103.22	54.00	49.22	AVG	No Limit
6	2437.0000	103.42	7.30	110.72	74.00	36.72	Peak	No Limit

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

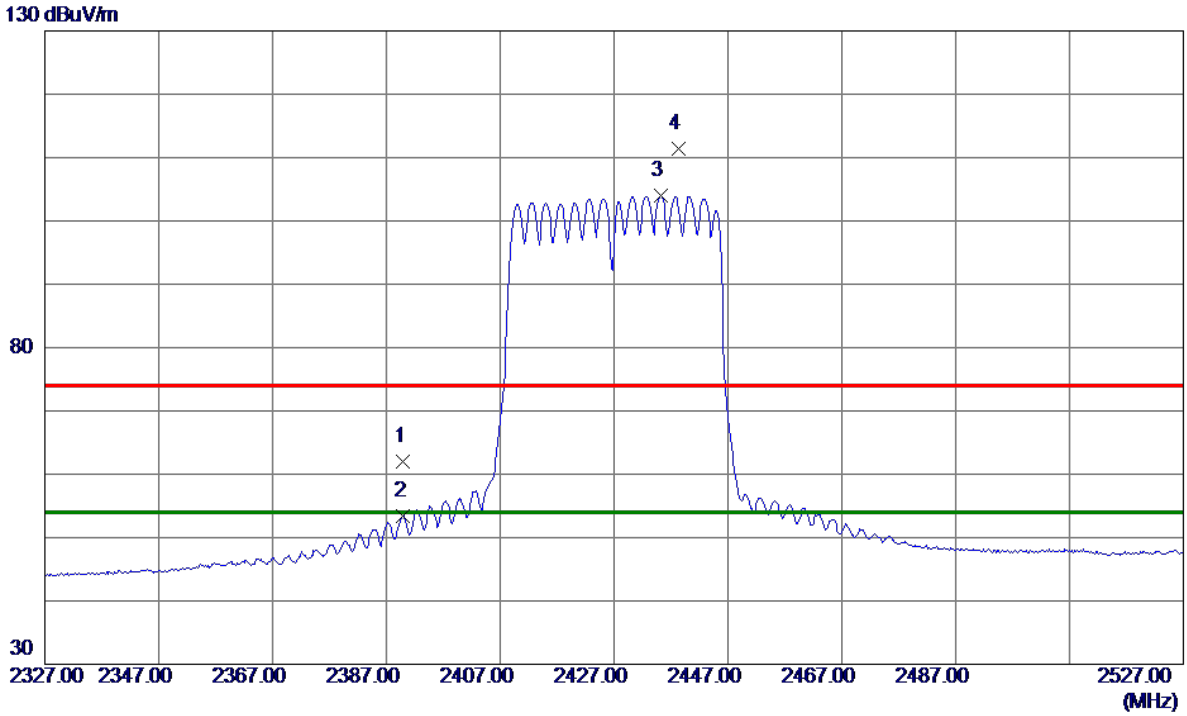
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.3900	32.12	4.36	36.48	54.00	-17.52	AVG	
2	4850.0000	43.81	4.37	48.18	74.00	-25.82	Peak	

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

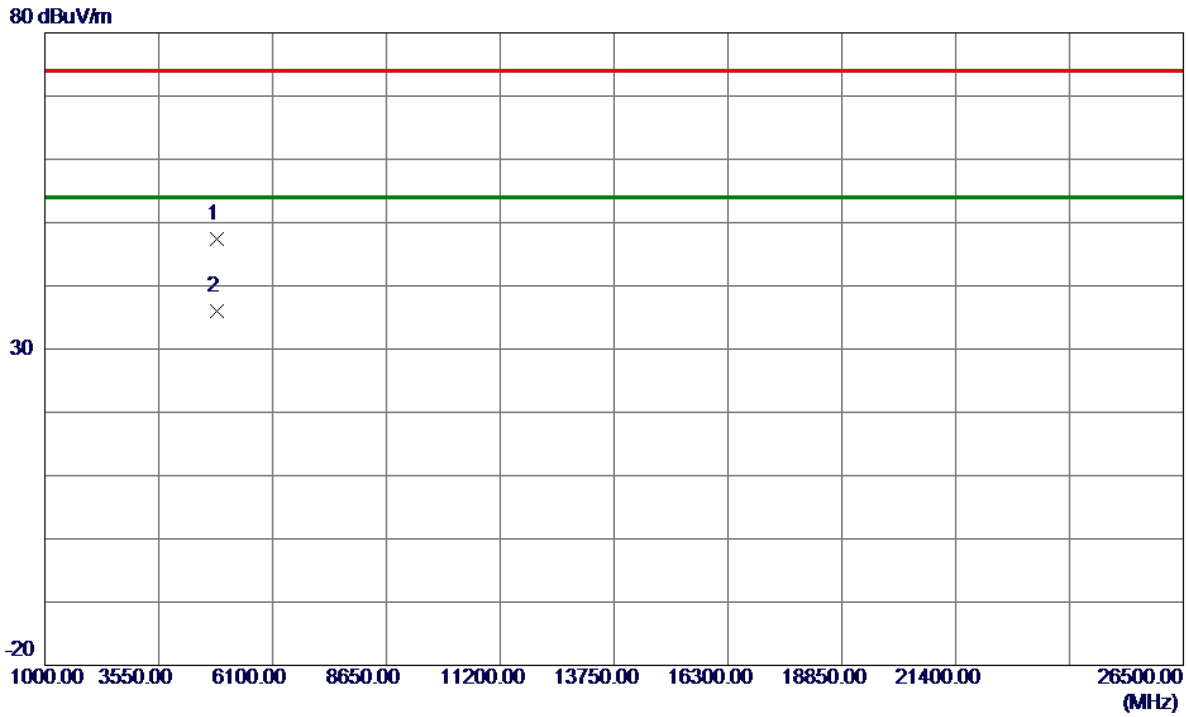
Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	54.79	7.27	62.06	74.00	-11.94	Peak	
2	2390.0000	46.07	7.27	53.34	54.00	-0.66	AVG	
3 *	2435.2000	96.62	7.30	103.92	54.00	49.92	AVG	No Limit
4	2438.4000	104.16	7.30	111.46	74.00	37.46	Peak	No Limit

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

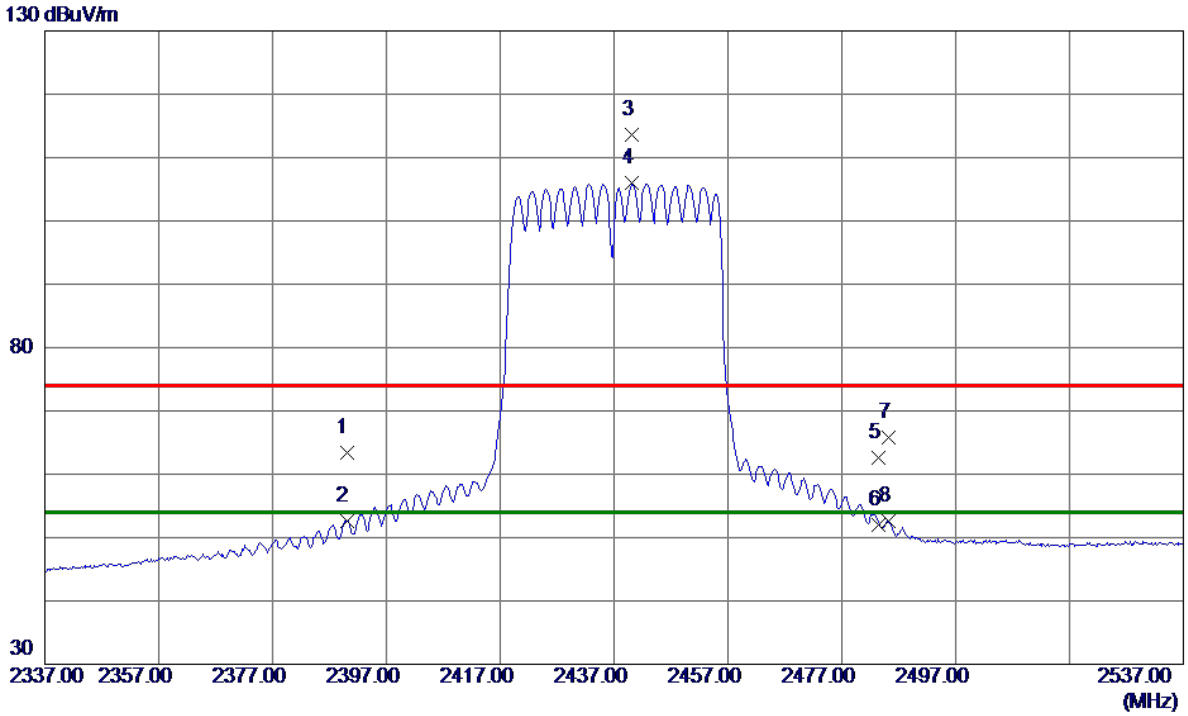
Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4853.9400	43.04	4.38	47.42	74.00	-26.58	Peak	
2 *	4854.6300	31.63	4.38	36.01	54.00	-17.99	AVG	

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

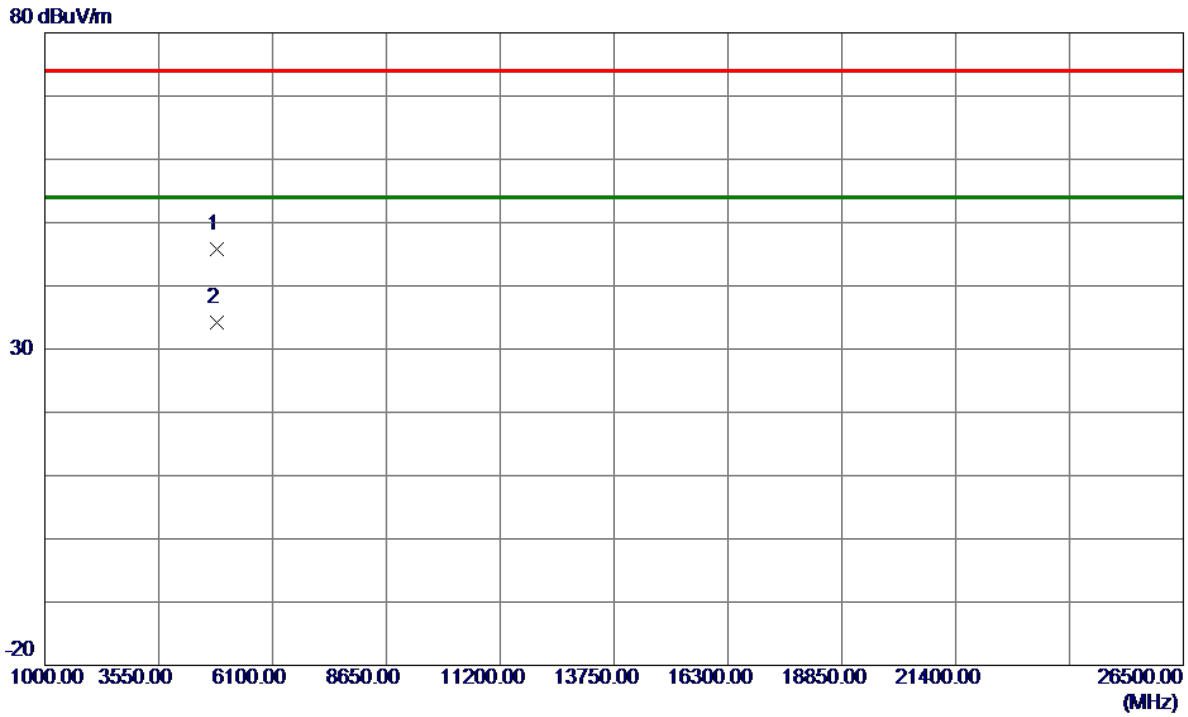
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	56.16	7.27	63.43	74.00	-10.57	Peak	
2	2390.0000	45.42	7.27	52.69	54.00	-1.31	AVG	
3	2440.2000	106.24	7.30	113.54	74.00	39.54	Peak	No Limit
4 *	2440.2000	98.60	7.30	105.90	54.00	51.90	AVG	No Limit
5	2483.5000	55.32	7.33	62.65	74.00	-11.35	Peak	
6	2483.5000	44.70	7.33	52.03	54.00	-1.97	AVG	
7	2485.2000	58.55	7.34	65.89	74.00	-8.11	Peak	
8	2485.2000	45.26	7.34	52.60	54.00	-1.40	AVG	

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

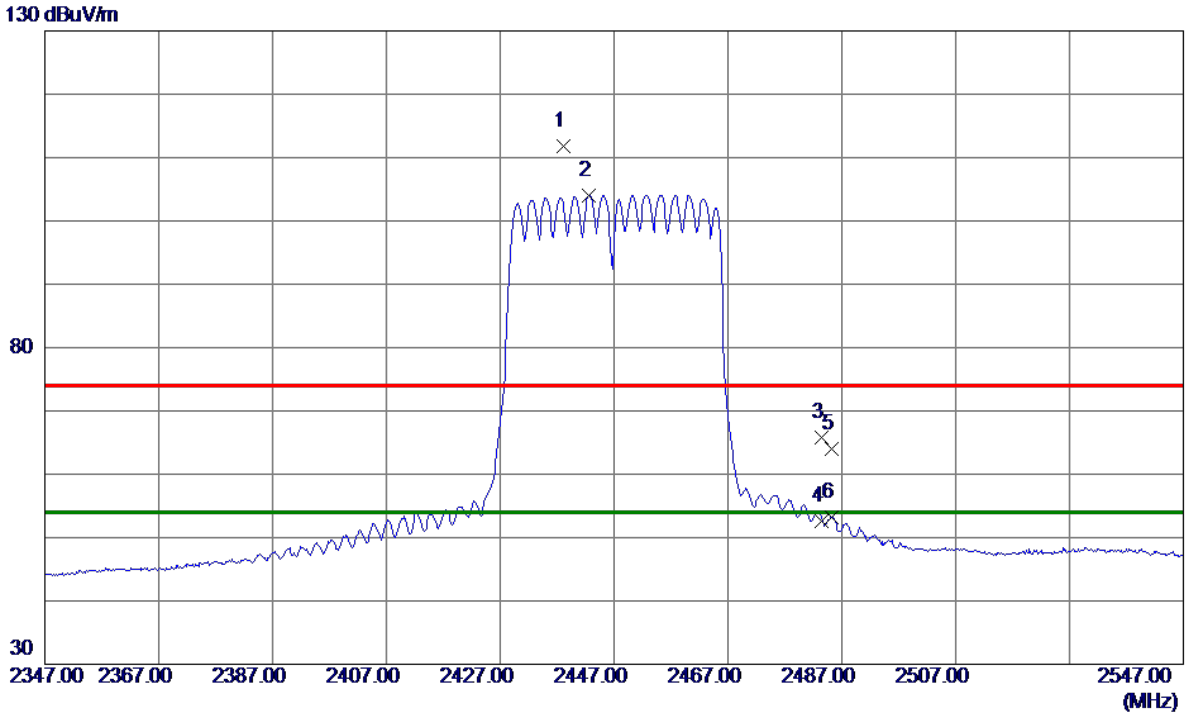
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4864.0700	41.47	4.39	45.86	74.00	-28.14	Peak	
2 *	4864.4600	29.88	4.39	34.27	54.00	-19.73	AVG	

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

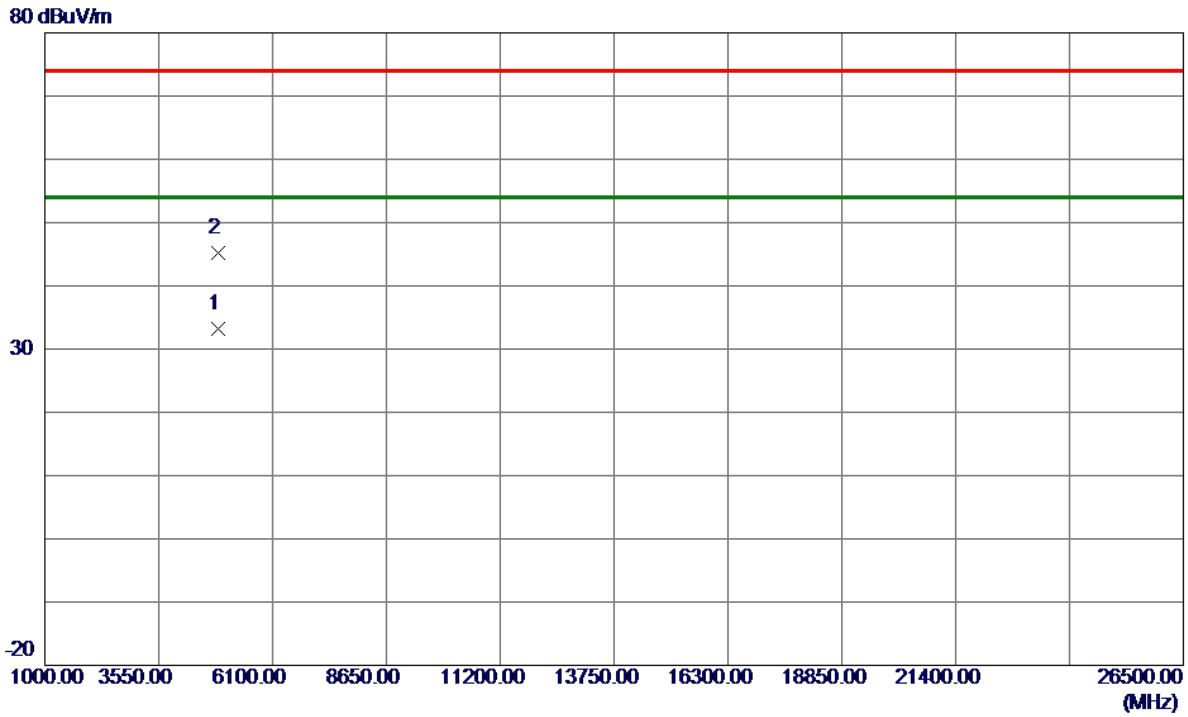
Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2438.2000	104.47	7.30	111.77	74.00	37.77	Peak	No Limit
2 *	2442.6000	96.79	7.31	104.10	54.00	50.10	AVG	No Limit
3	2483.5000	58.47	7.33	65.80	74.00	-8.20	Peak	
4	2483.5000	45.35	7.33	52.68	54.00	-1.32	AVG	
5	2485.2000	56.61	7.34	63.95	74.00	-10.05	Peak	
6	2485.2000	45.94	7.34	53.28	54.00	-0.72	AVG	

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

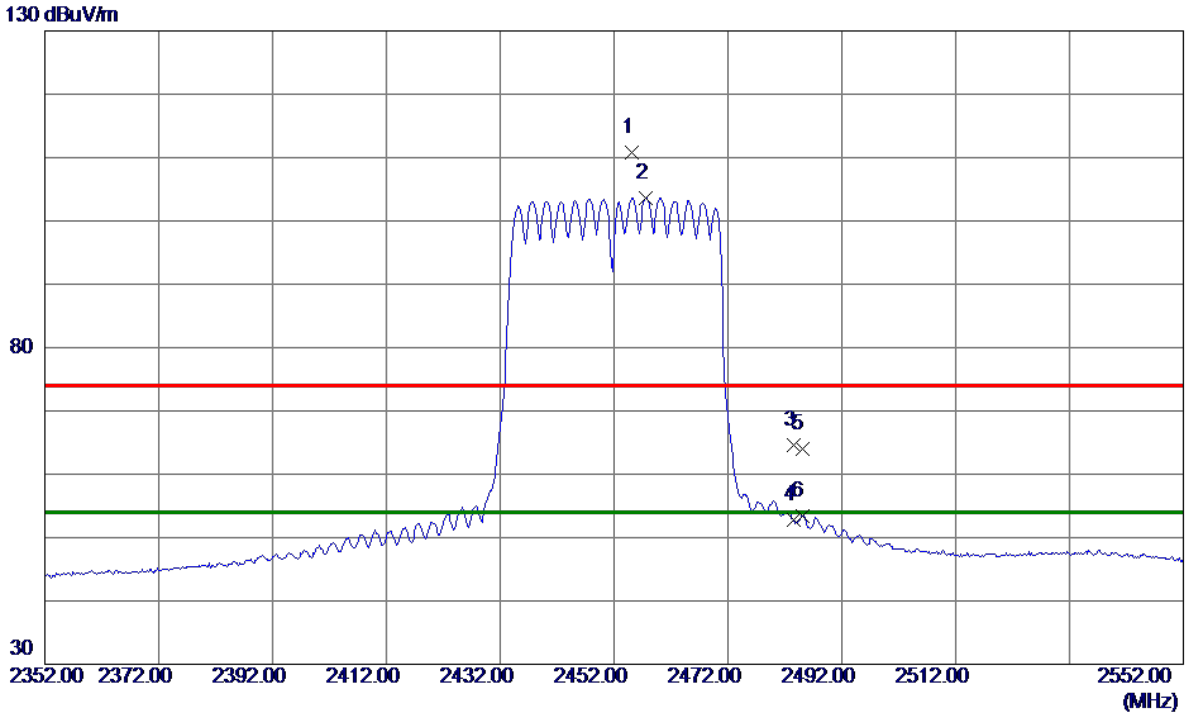
Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4889.8400	28.76	4.44	33.20	54.00	-20.80	AVG	
2	4891.7799	40.83	4.44	45.27	74.00	-28.73	Peak	

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

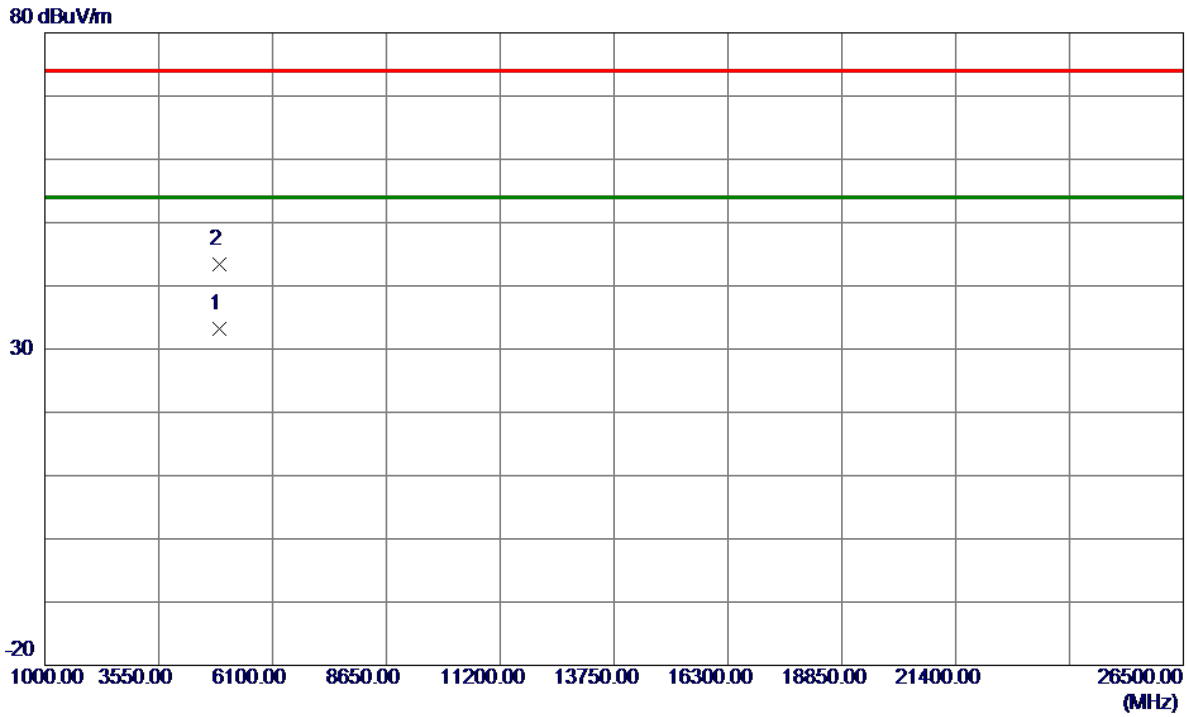
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455.2000	103.49	7.31	110.80	74.00	36.80	Peak	No Limit
2 *	2457.6000	96.34	7.32	103.66	54.00	49.66	AVG	No Limit
3	2483.5000	57.30	7.33	64.63	74.00	-9.37	Peak	
4	2483.5000	45.50	7.33	52.83	54.00	-1.17	AVG	
5	2485.0000	56.67	7.33	64.00	74.00	-10.00	Peak	
6	2485.0000	46.15	7.33	53.48	54.00	-0.52	AVG	

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

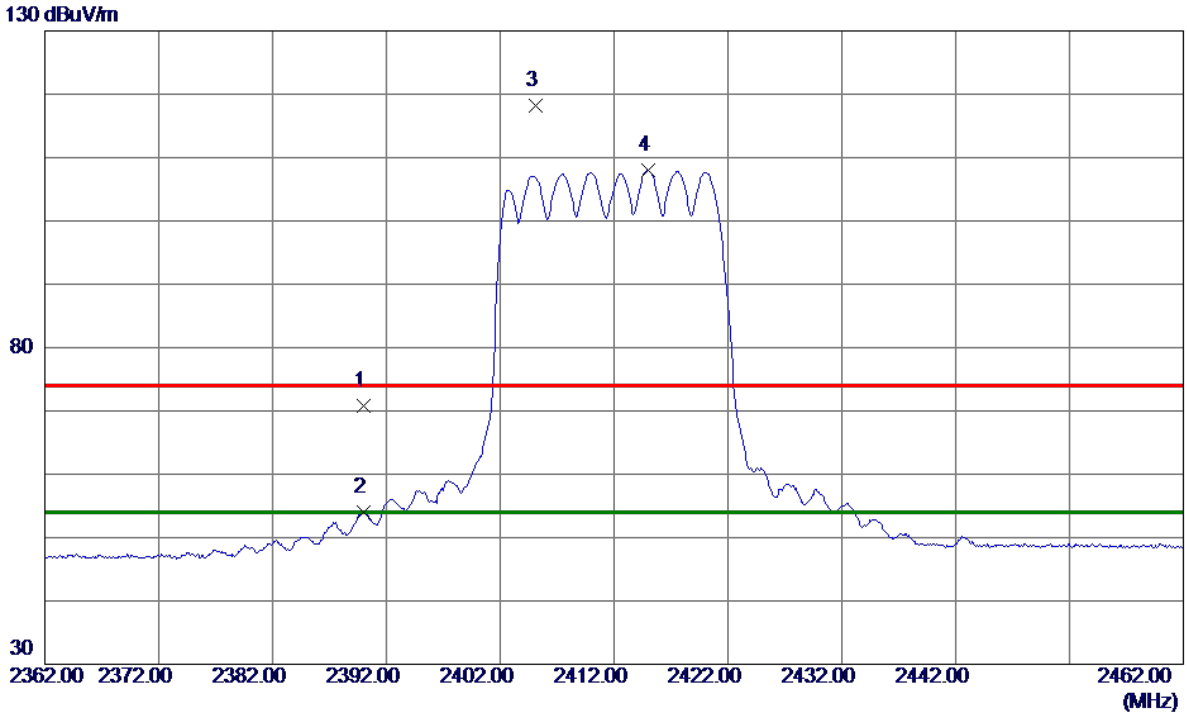
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4901.7000	28.77	4.46	33.23	54.00	-20.77	AVG	
2	4906.8000	38.87	4.46	43.33	74.00	-30.67	Peak	

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

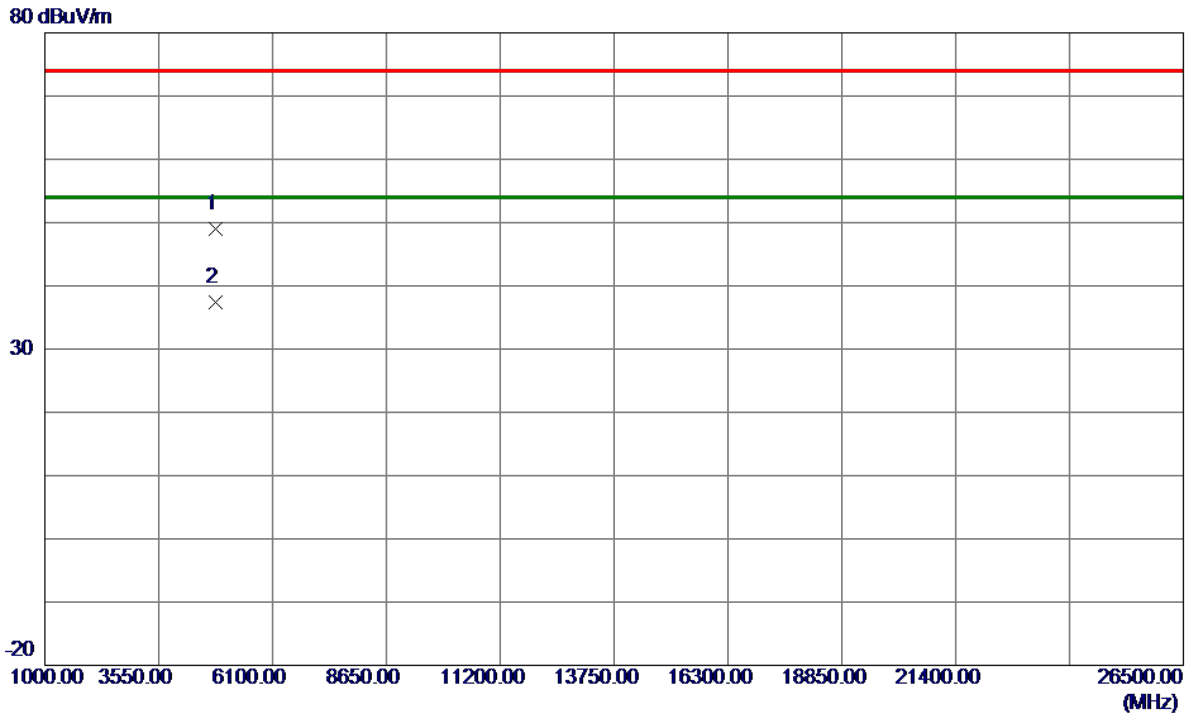
Test Mode	TX AX(HE20) Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	63.59	7.27	70.86	74.00	-3.14	Peak	
2	2390.0000	46.71	7.27	53.98	54.00	-0.02	AVG	
3	2405.1000	111.01	7.28	118.29	74.00	44.29	Peak	No Limit
4 *	2415.0000	100.66	7.29	107.95	54.00	53.95	AVG	No Limit

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

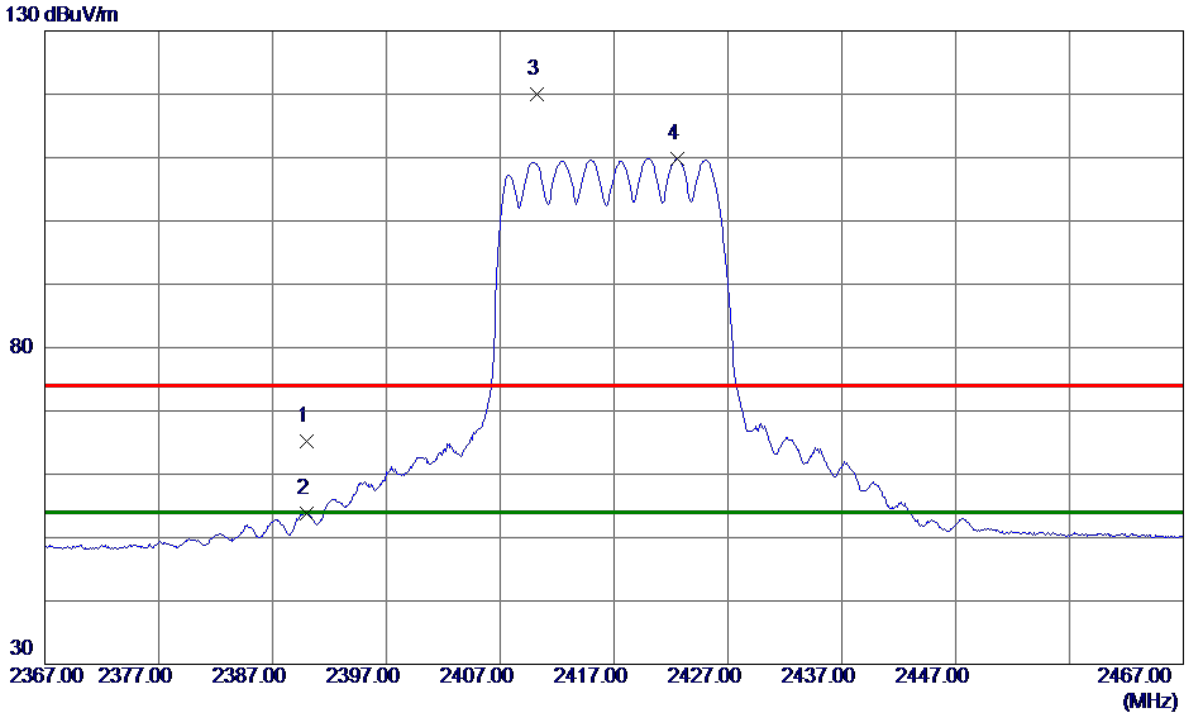
Test Mode	TX AX(HE20) Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4822.0200	44.66	4.32	48.98	74.00	-25.02	Peak	
2 *	4826.9700	33.09	4.33	37.42	54.00	-16.58	AVG	

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

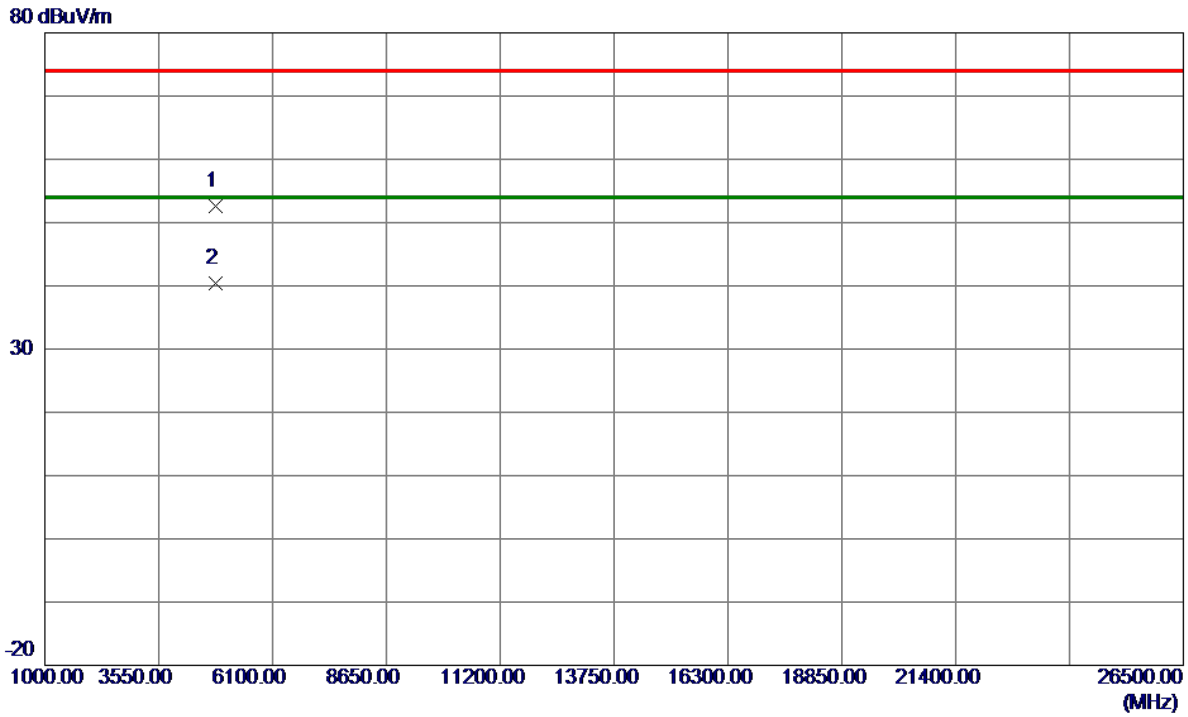
Test Mode	TX AX(HE20) Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	58.00	7.27	65.27	74.00	-8.73	Peak	
2	2390.0000	46.54	7.27	53.81	54.00	-0.19	AVG	
3	2410.2000	112.80	7.28	120.08	74.00	46.08	Peak	No Limit
4 *	2422.6000	102.59	7.29	109.88	54.00	55.88	AVG	No Limit

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

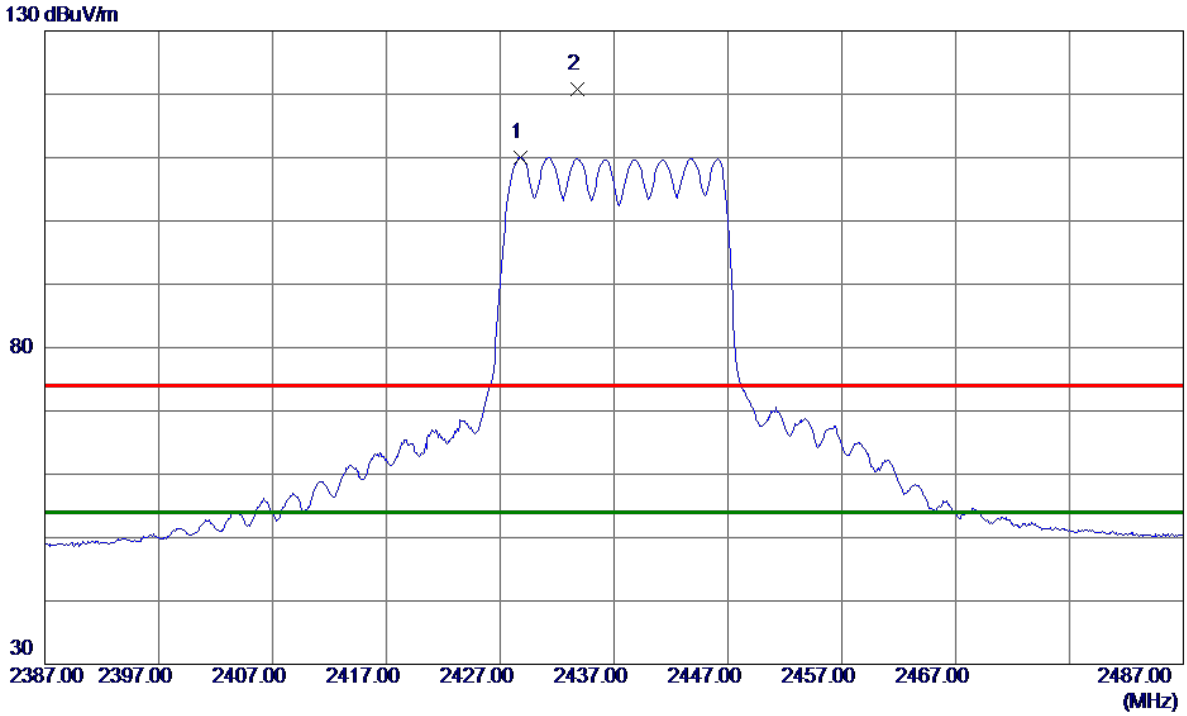
Test Mode	TX AX(HE20) Mode 2417 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4832.0200	48.27	4.34	52.61	74.00	-21.39	Peak	
2 *	4834.2400	36.07	4.34	40.41	54.00	-13.59	AVG	

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

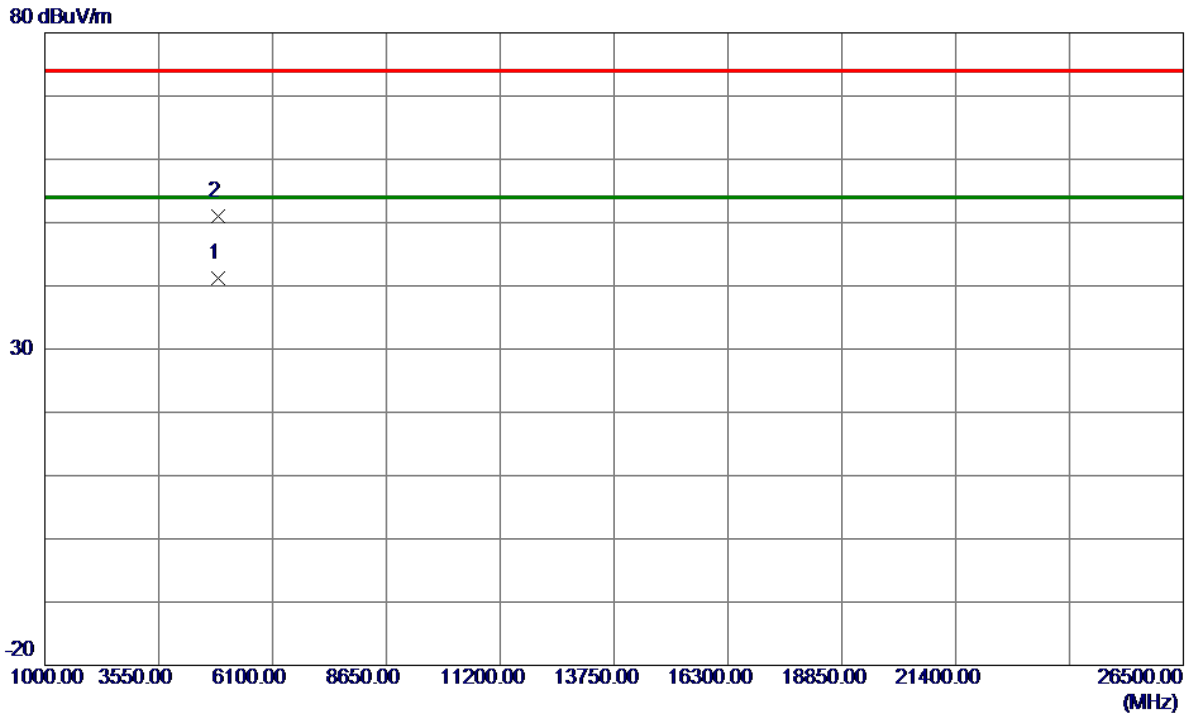
Test Mode	TX AX(HE20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2428.8000	102.80	7.30	110.10	54.00	56.10	AVG	No Limit
2	2433.8000	113.42	7.30	120.72	74.00	46.72	Peak	No Limit

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

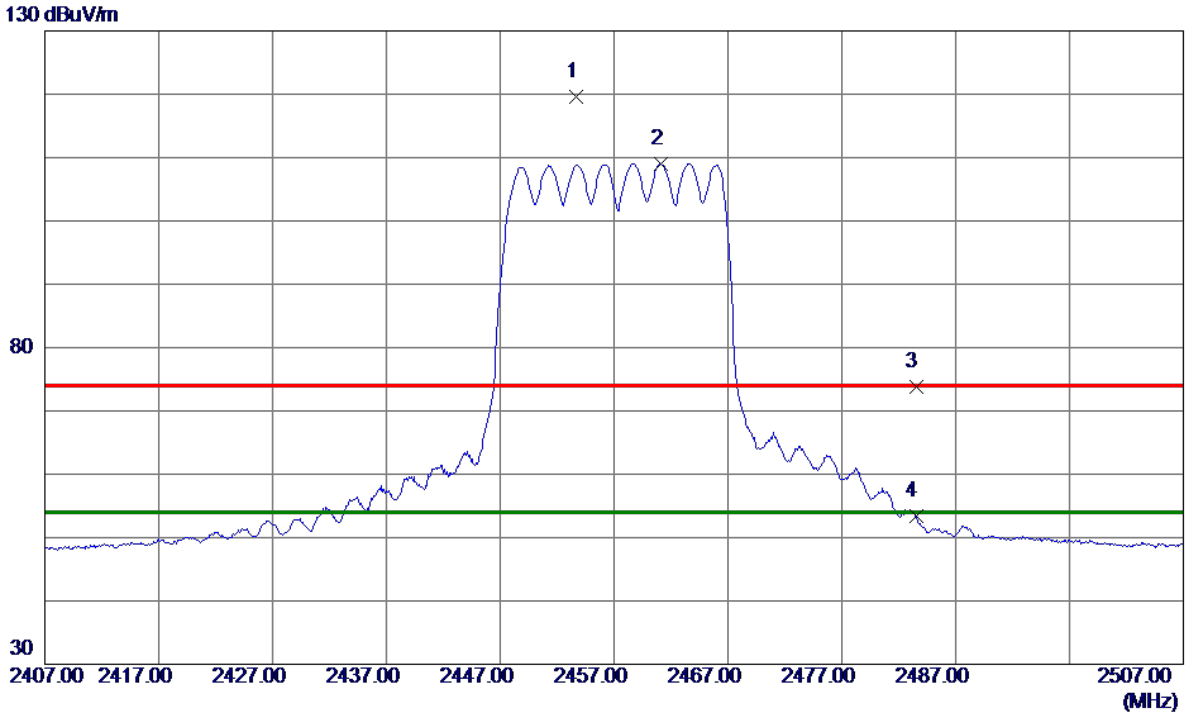
Test Mode	TX AX(HE20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4869.4700	36.78	4.40	41.18	54.00	-12.82	AVG	
2	4869.5000	46.64	4.40	51.04	74.00	-22.96	Peak	

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

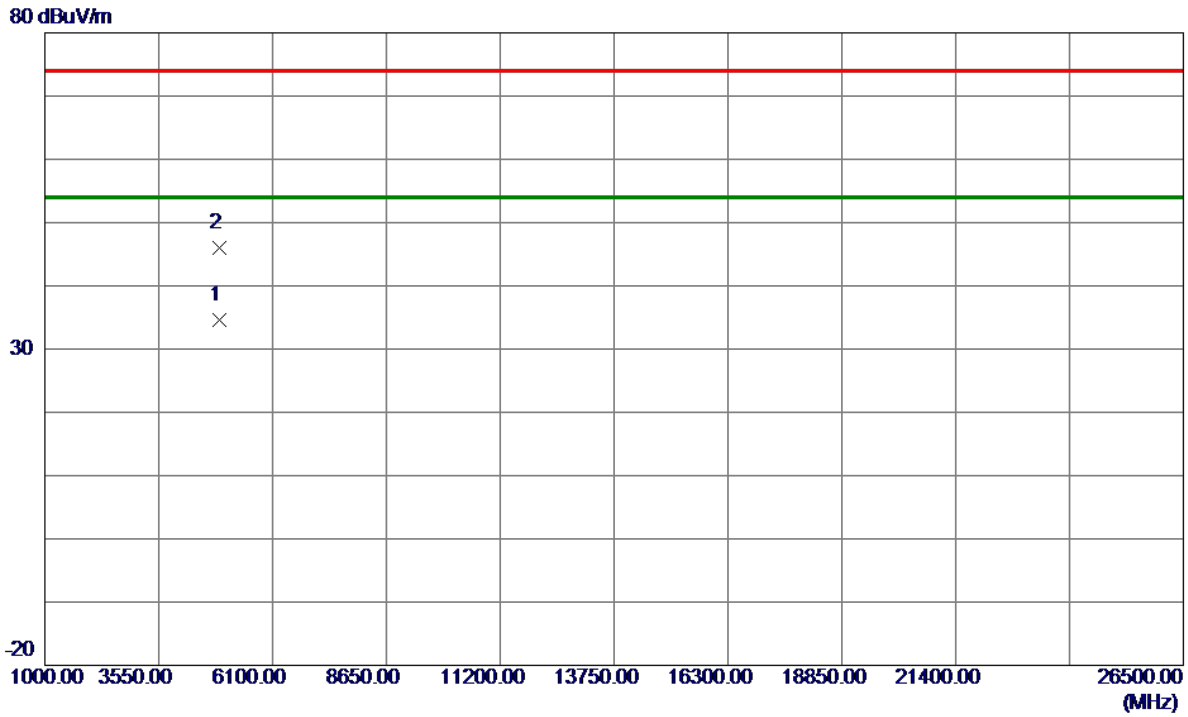
Test Mode	TX AX(HE20) Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2453.7000	112.31	7.31	119.62	74.00	45.62	Peak	No Limit
2 *	2461.1000	101.71	7.32	109.03	54.00	55.03	AVG	No Limit
3	2483.5000	66.52	7.33	73.85	74.00	-0.15	Peak	
4	2483.5000	46.07	7.33	53.40	54.00	-0.60	AVG	

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

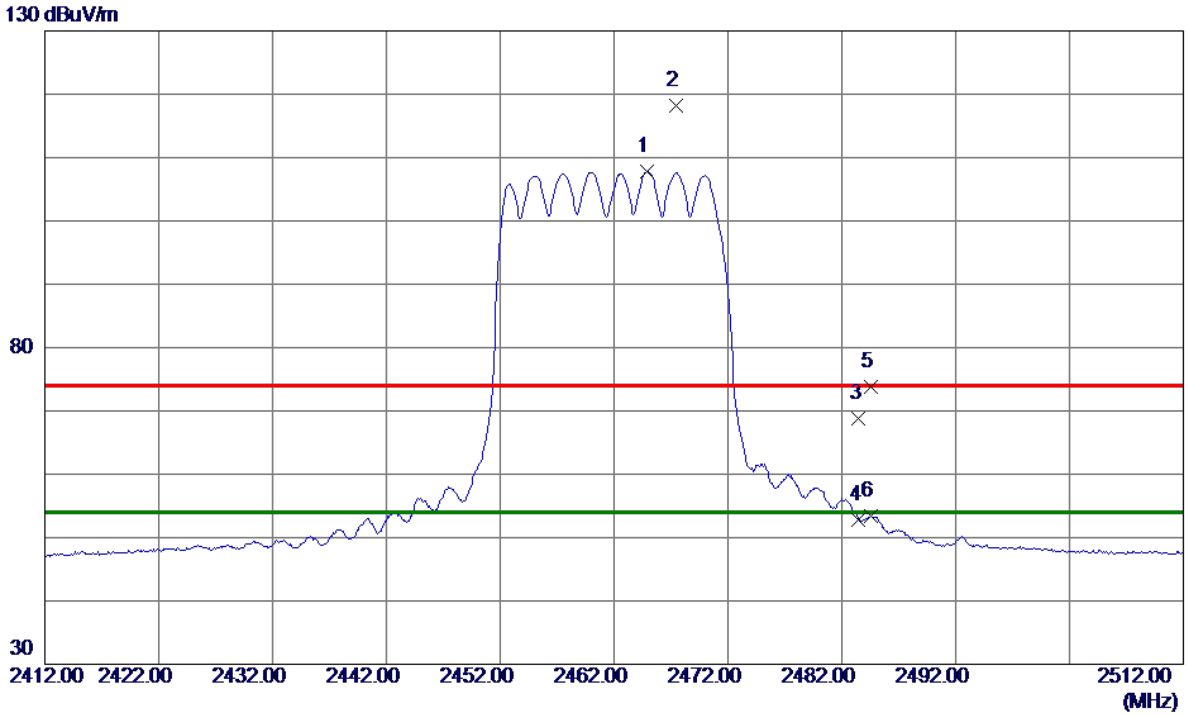
Test Mode	TX AX(HE20) Mode 2457 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4916.8500	30.18	4.48	34.66	54.00	-19.34	AVG	
2	4919.4300	41.58	4.49	46.07	74.00	-27.93	Peak	

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

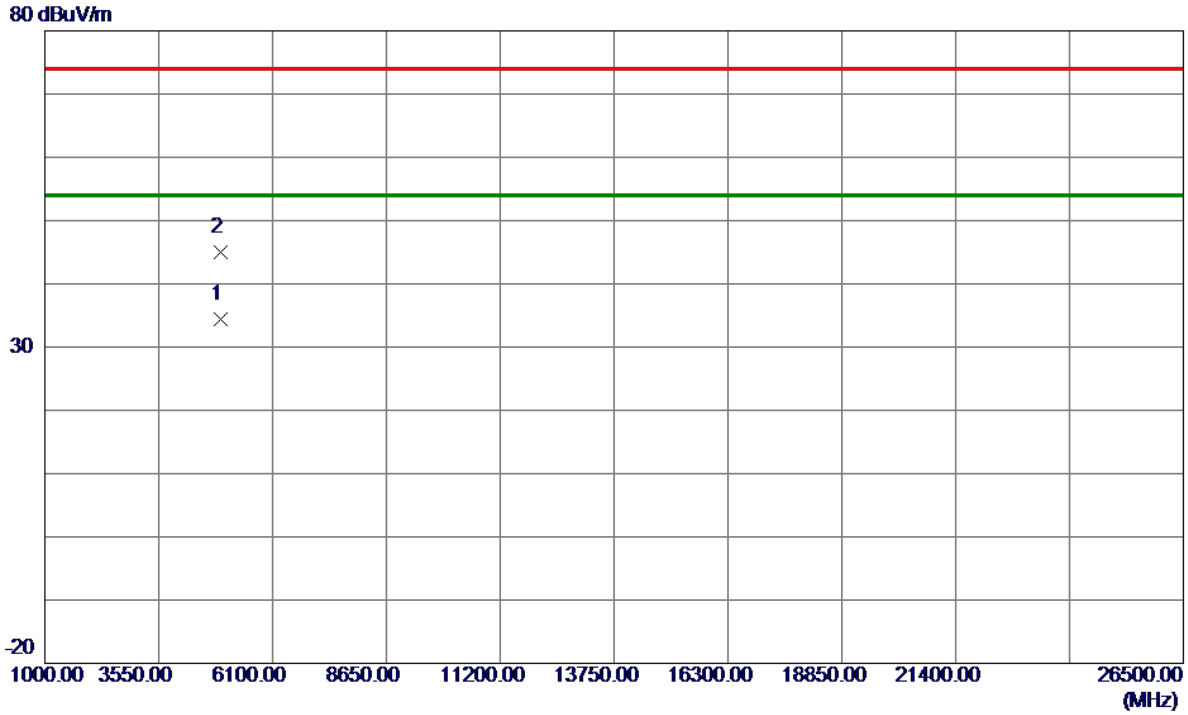
Test Mode	TX AX(HE20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2464.9000	100.49	7.32	107.81	54.00	53.81	AVG	No Limit
2	2467.4000	110.92	7.32	118.24	74.00	44.24	Peak	No Limit
3	2483.5000	61.45	7.33	68.78	74.00	-5.22	Peak	
4	2483.5000	45.51	7.33	52.84	54.00	-1.16	AVG	
5	2484.6000	66.46	7.33	73.79	74.00	-0.21	Peak	
6	2484.6000	46.02	7.33	53.35	54.00	-0.65	AVG	

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

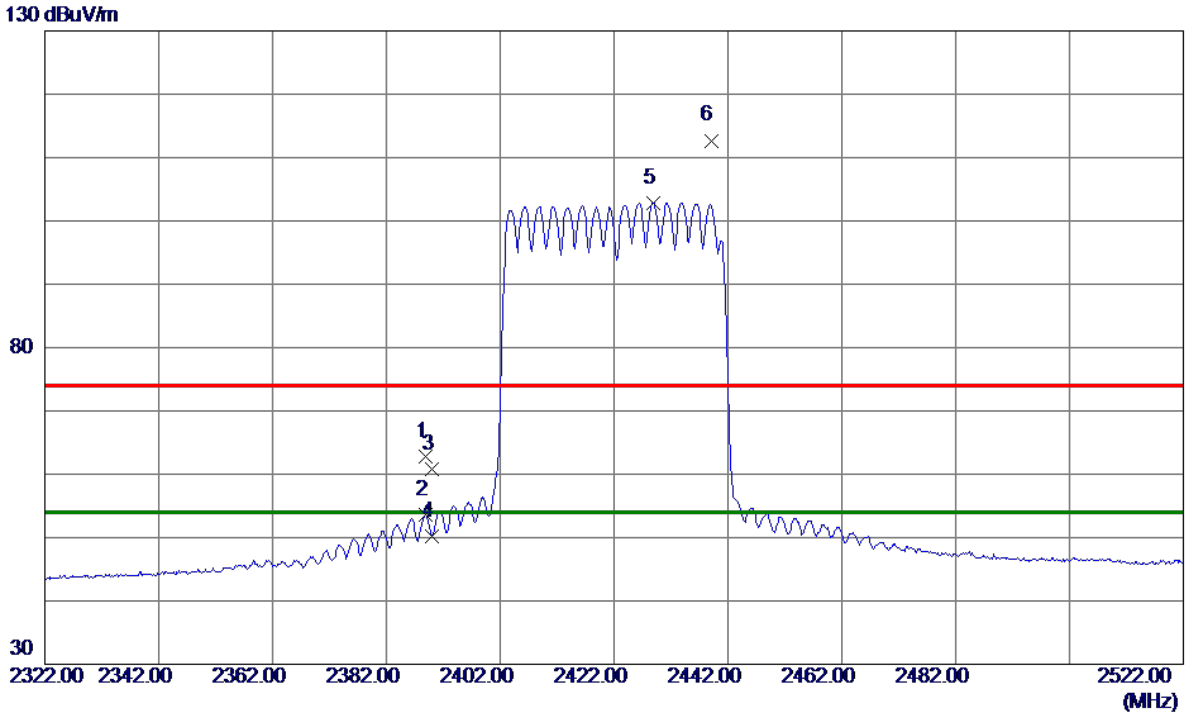
Test Mode	TX AX(HE20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4927.0000	29.83	4.50	34.33	54.00	-19.67	AVG	
2	4929.4600	40.41	4.50	44.91	74.00	-29.09	Peak	

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

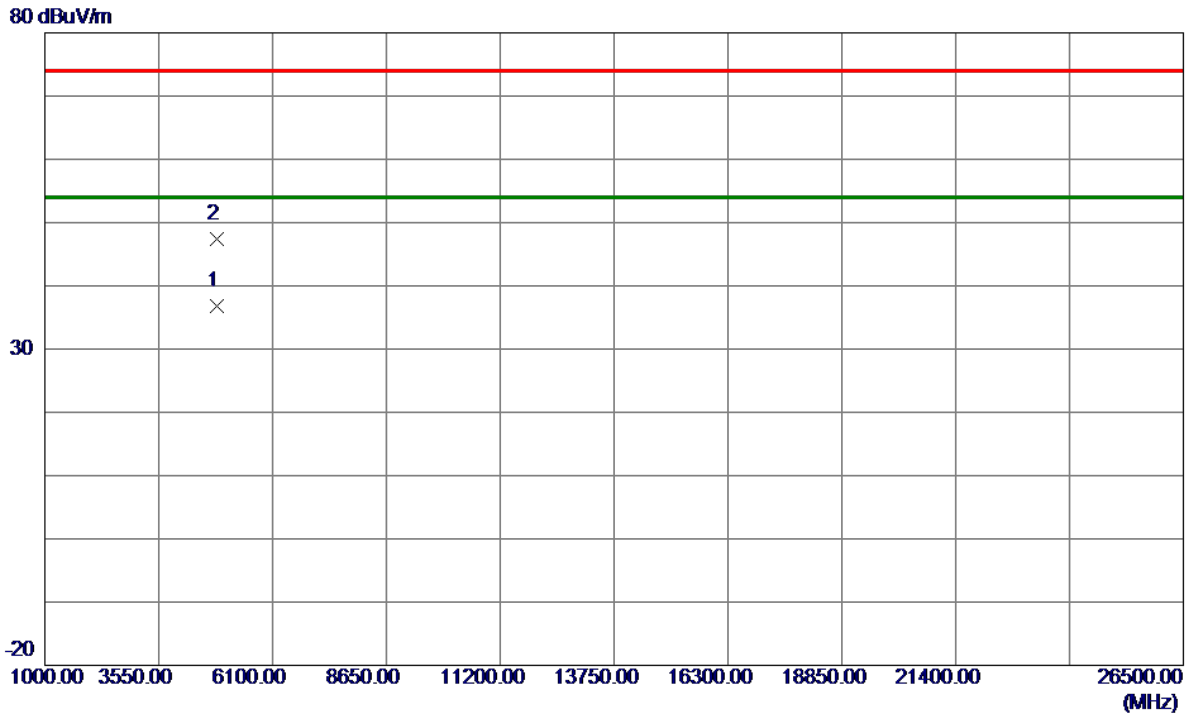
Test Mode	TX AX(HE40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2388.8000	55.57	7.27	62.84	74.00	-11.16	Peak	
2	2388.8000	46.24	7.27	53.51	54.00	-0.49	AVG	
3	2390.0000	53.57	7.27	60.84	74.00	-13.16	Peak	
4	2390.0000	42.95	7.27	50.22	54.00	-3.78	AVG	
5 *	2428.8000	95.56	7.30	102.86	54.00	48.86	AVG	No Limit
6	2439.0000	105.40	7.30	112.70	74.00	38.70	Peak	No Limit

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

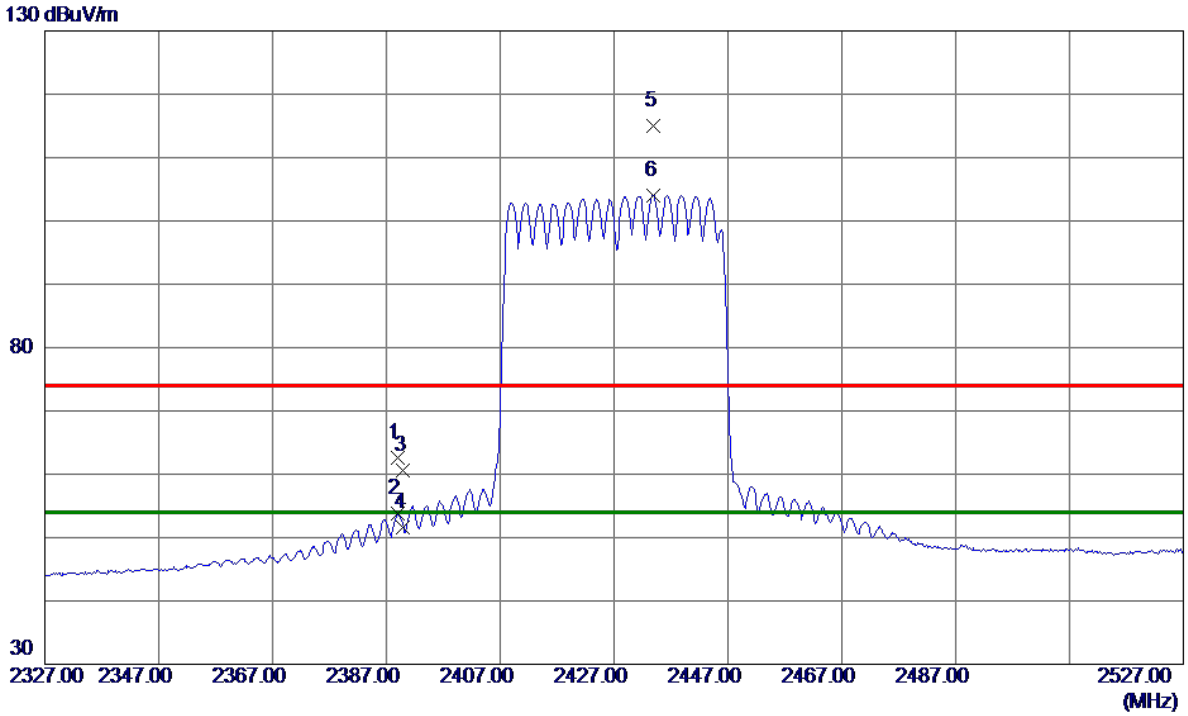
Test Mode	TX AX(HE40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4846.7799	32.42	4.36	36.78	54.00	-17.22	AVG	
2	4848.8000	43.09	4.37	47.46	74.00	-26.54	Peak	

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

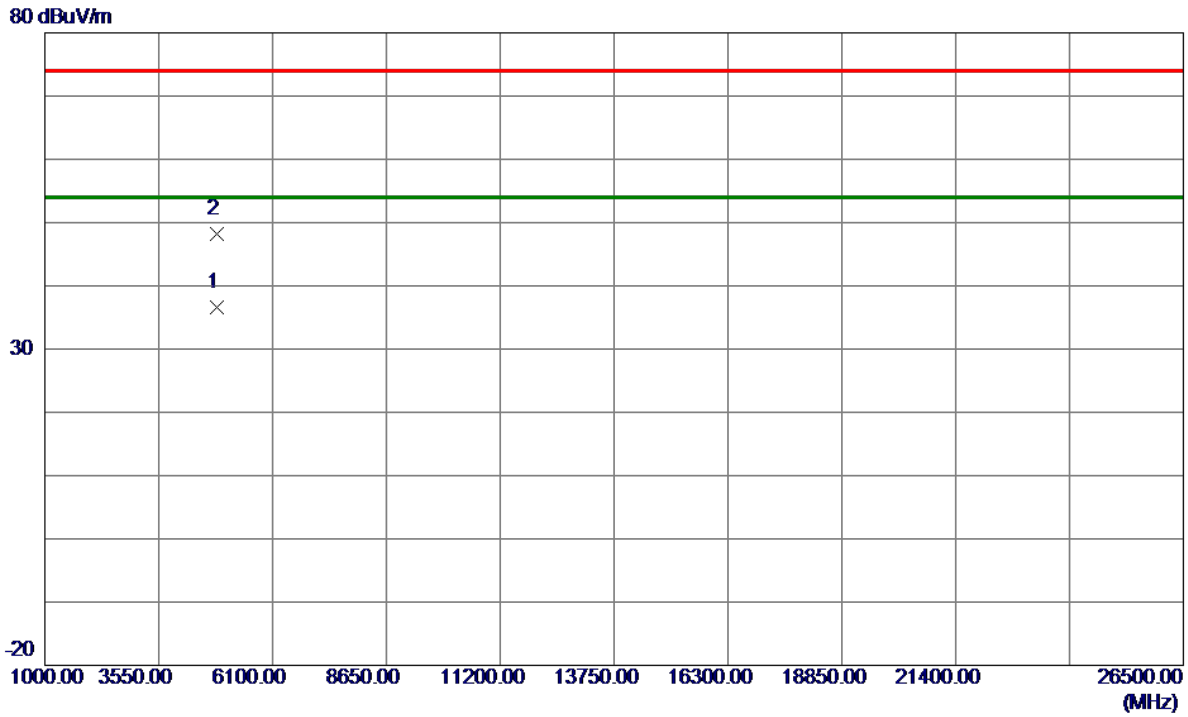
Test Mode	TX AX(HE40) Mode 2427 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.0000	55.42	7.27	62.69	74.00	-11.31	Peak	
2	2389.0000	46.57	7.27	53.84	54.00	-0.16	AVG	
3	2390.0000	53.38	7.27	60.65	74.00	-13.35	Peak	
4	2390.0000	44.32	7.27	51.59	54.00	-2.41	AVG	
5	2434.0000	107.61	7.30	114.91	74.00	40.91	Peak	No Limit
6 *	2434.0000	96.77	7.30	104.07	54.00	50.07	AVG	No Limit

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

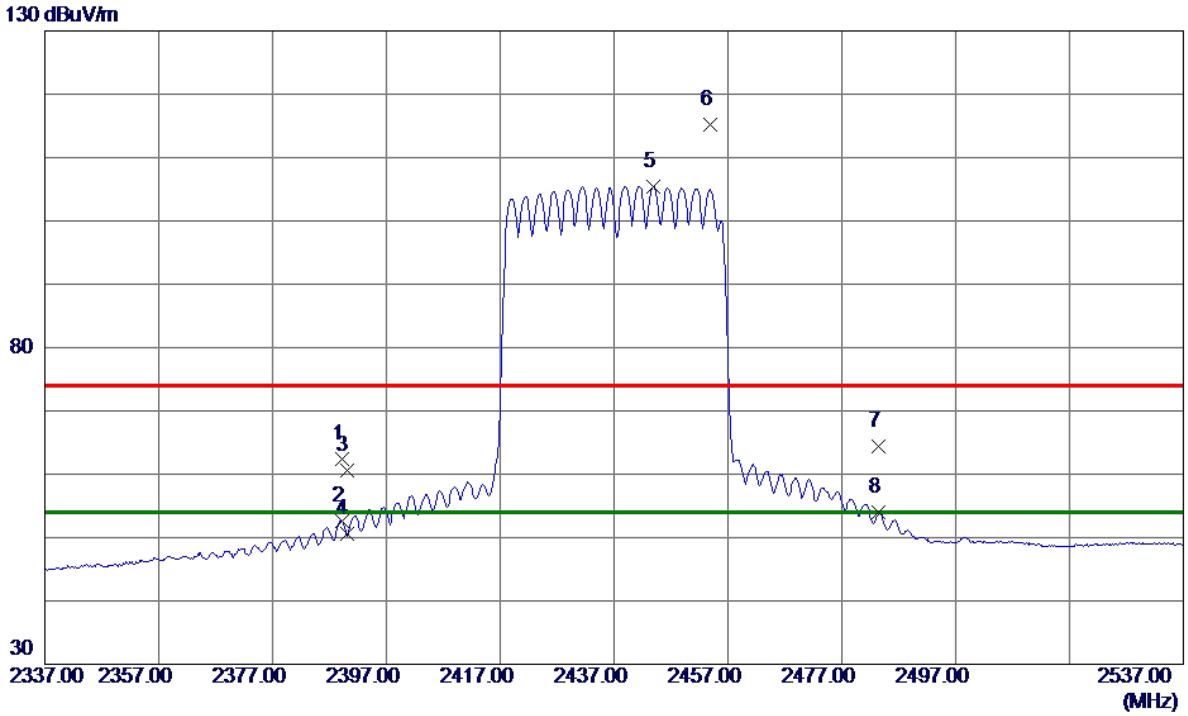
Test Mode	TX AX(HE40) Mode 2427 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4851.8400	32.19	4.37	36.56	54.00	-17.44	AVG	
2	4854.5400	43.82	4.38	48.20	74.00	-25.80	Peak	

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

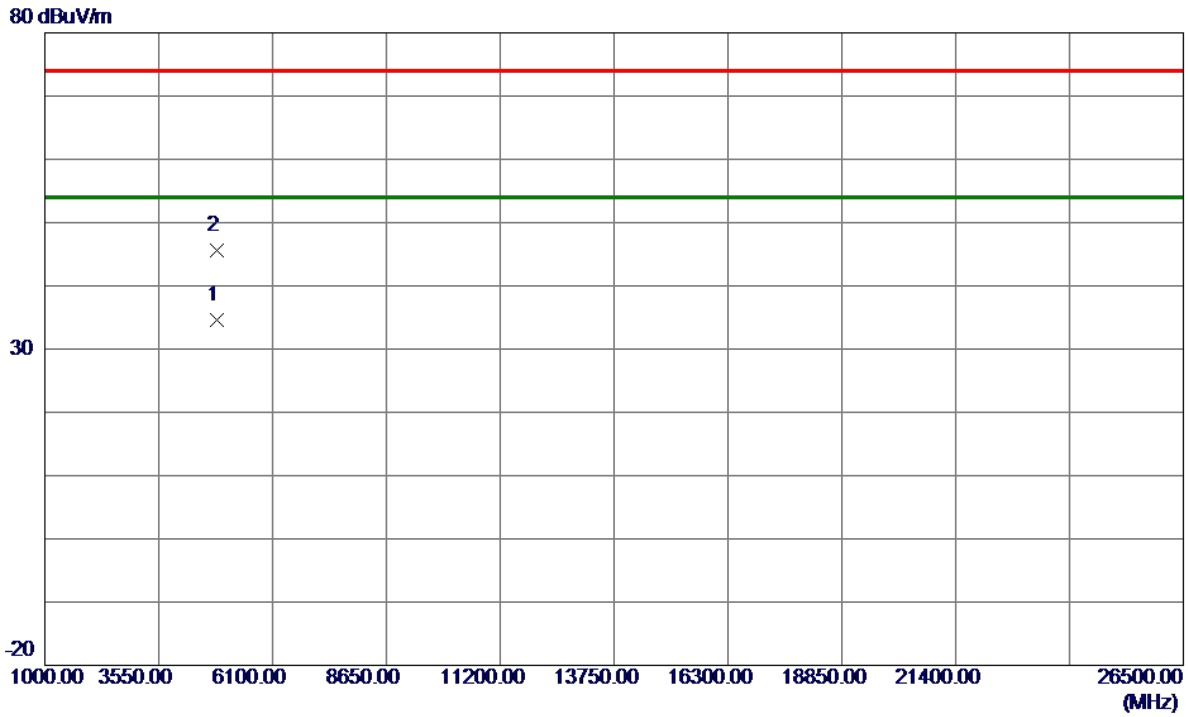
Test Mode	TX AX(HE40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.2000	55.06	7.27	62.33	74.00	-11.67	Peak	
2	2389.2000	45.39	7.27	52.66	54.00	-1.34	AVG	
3	2390.0000	53.24	7.27	60.51	74.00	-13.49	Peak	
4	2390.0000	43.31	7.27	50.58	54.00	-3.42	AVG	
5 *	2443.8000	98.13	7.31	105.44	54.00	51.44	AVG	No Limit
6	2453.8000	107.96	7.31	115.27	74.00	41.27	Peak	No Limit
7	2483.5000	56.99	7.33	64.32	74.00	-9.68	Peak	
8	2483.5000	46.58	7.33	53.91	54.00	-0.09	AVG	

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

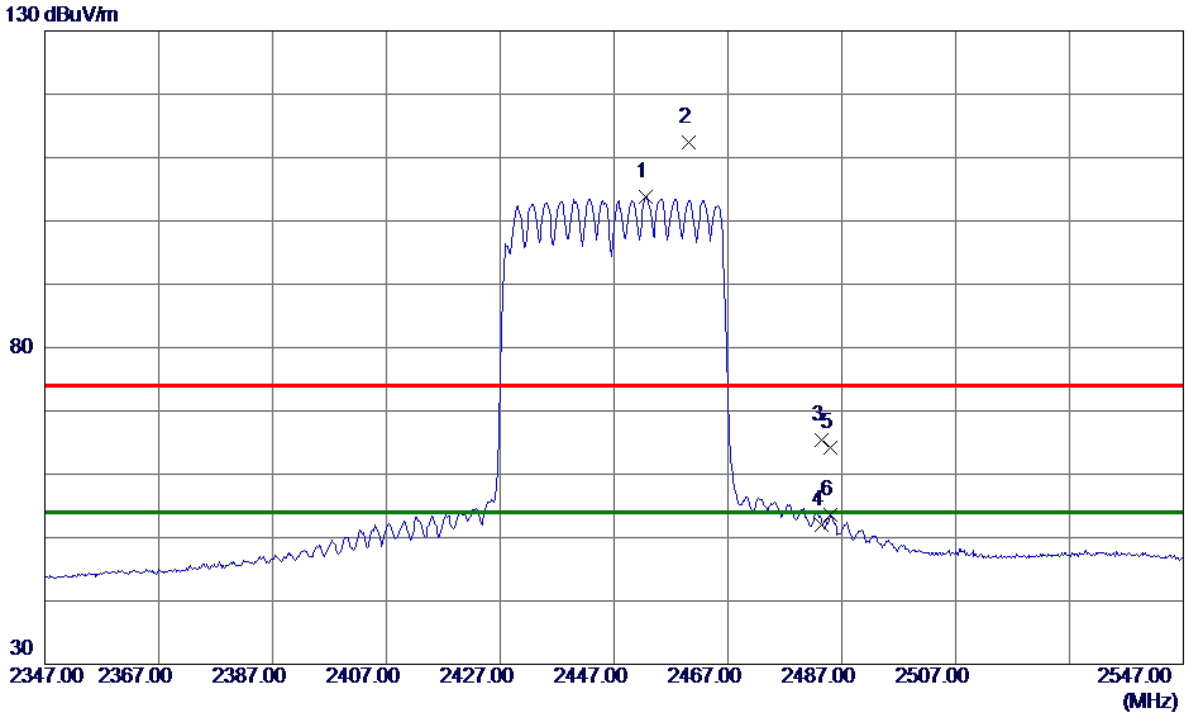
Test Mode	TX AX(HE40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4864.2200	30.16	4.39	34.55	54.00	-19.45	AVG	
2	4867.4200	41.12	4.40	45.52	74.00	-28.48	Peak	

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

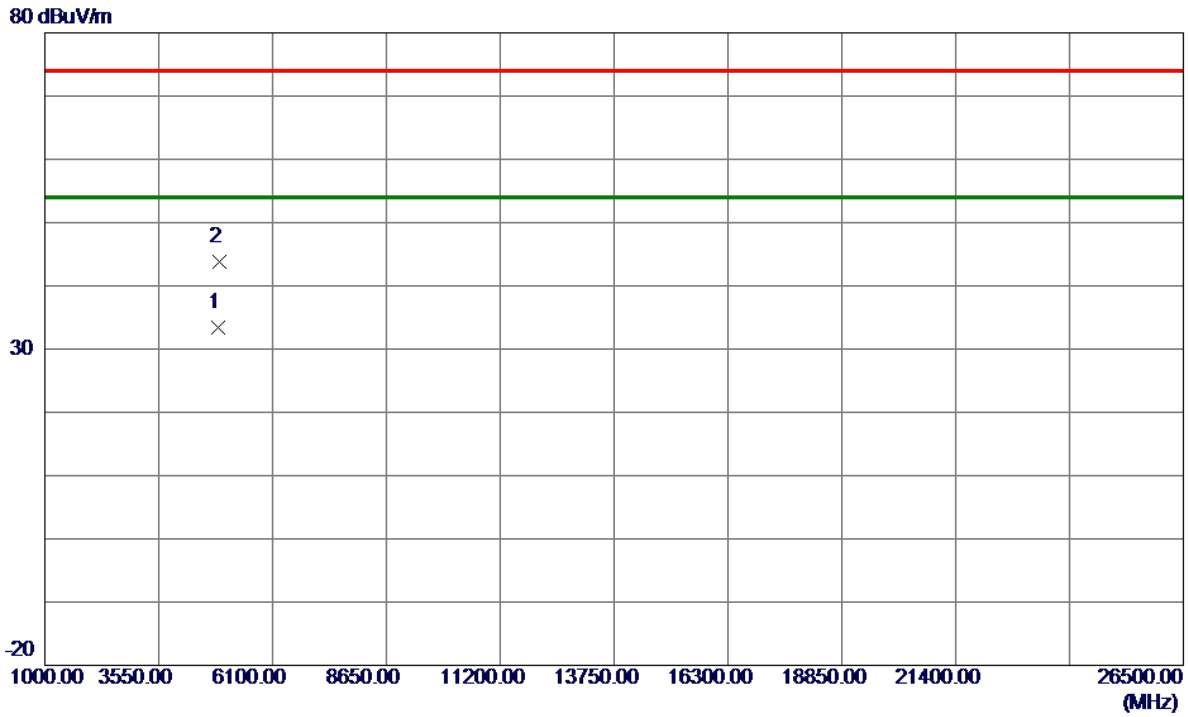
Test Mode	TX AX(HE40) Mode 2447 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2452.6000	96.58	7.31	103.89	54.00	49.89	AVG	No Limit
2	2460.2000	105.13	7.32	112.45	74.00	38.45	Peak	No Limit
3	2483.5000	58.15	7.33	65.48	74.00	-8.52	Peak	
4	2483.5000	44.64	7.33	51.97	54.00	-2.03	AVG	
5	2485.0000	56.87	7.33	64.20	74.00	-9.80	Peak	
6	2485.0000	46.34	7.33	53.67	54.00	-0.33	AVG	

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

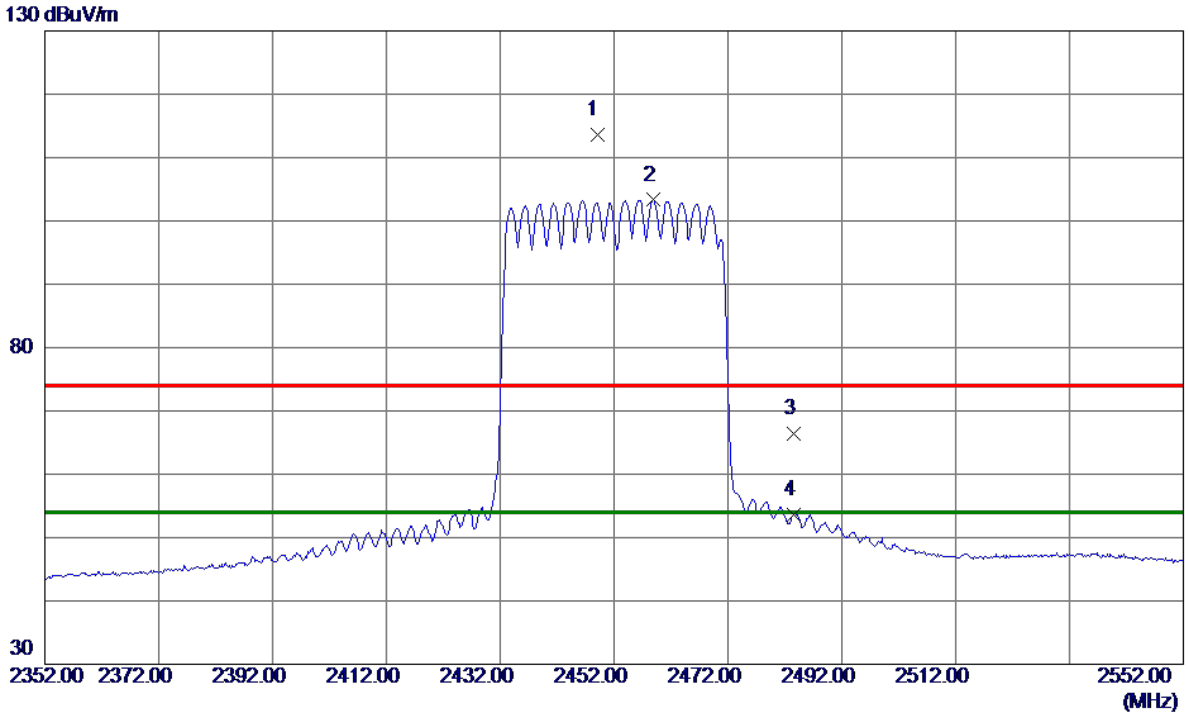
Test Mode	TX AX(HE40) Mode 2447 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4884.6200	28.99	4.43	33.42	54.00	-20.58	AVG	
2	4897.4800	39.34	4.45	43.79	74.00	-30.21	Peak	

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

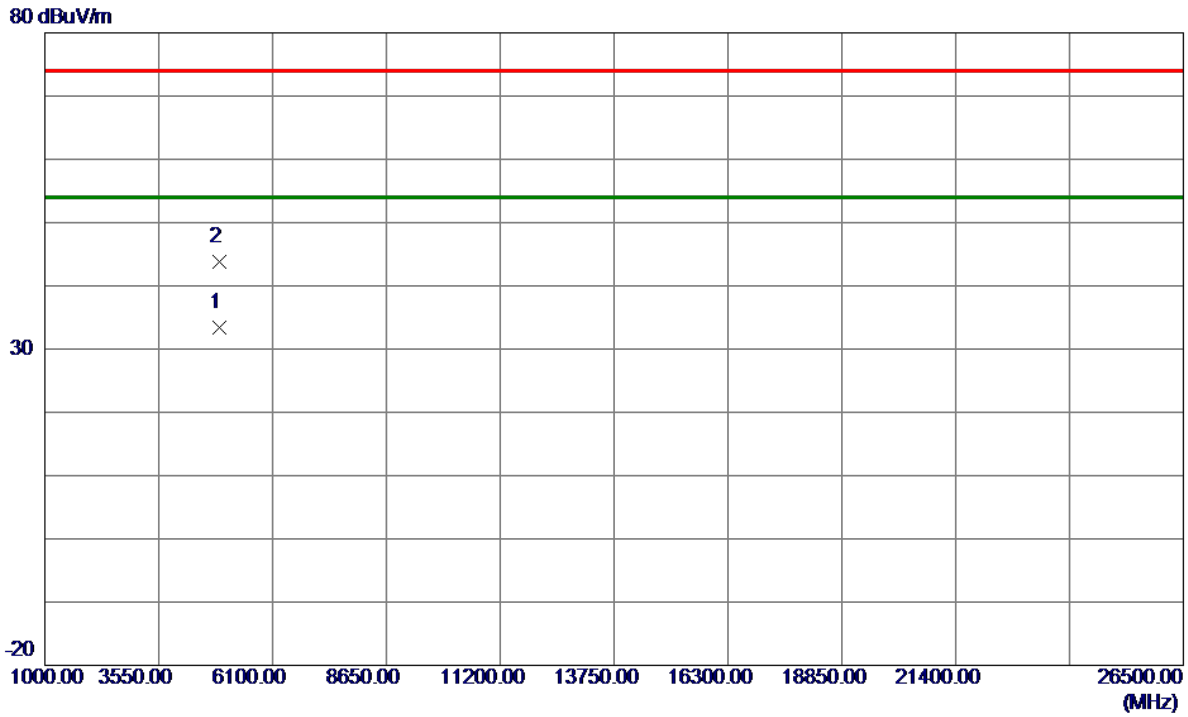
Test Mode	TX AX(HE40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2449.0000	106.34	7.31	113.65	74.00	39.65	Peak	No Limit
2 *	2458.8000	95.98	7.32	103.30	54.00	49.30	AVG	No Limit
3	2483.5000	59.08	7.33	66.41	74.00	-7.59	Peak	
4	2483.5000	46.34	7.33	53.67	54.00	-0.33	AVG	

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

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



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4901.9000	28.91	4.46	33.37	54.00	-20.63	AVG	
2	4906.9400	39.31	4.46	43.77	74.00	-30.23	Peak	

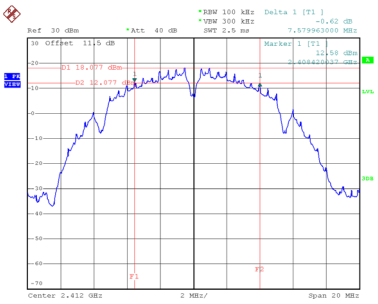
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	TX B Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	7.580	10.400	0.5	Complies
06	2437	7.060	10.400	0.5	Complies
11	2462	6.620	10.480	0.5	Complies

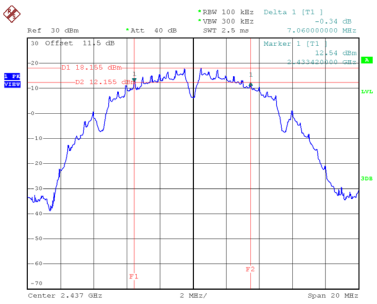
CH01



Date: 16.MAY.2022 11:51:04

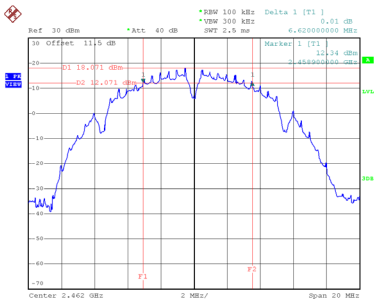
CH06

6 dB Bandwidth



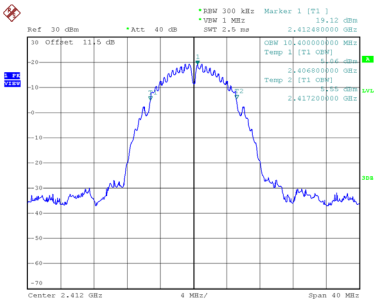
Date: 16.MAY.2022 11:53:26

CH11

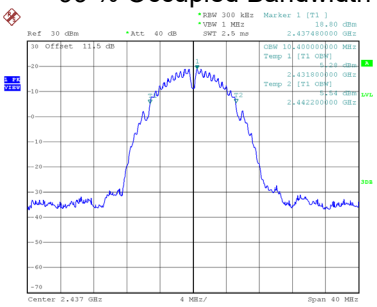


Date: 16.MAY.2022 11:54:41

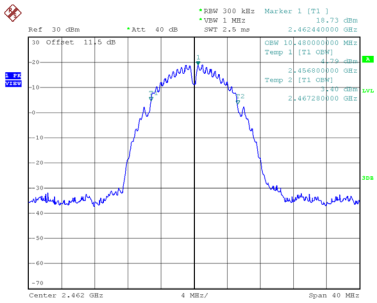
99 % Occupied Bandwidth



Date: 16.MAY.2022 11:51:12



Date: 16.MAY.2022 11:53:34

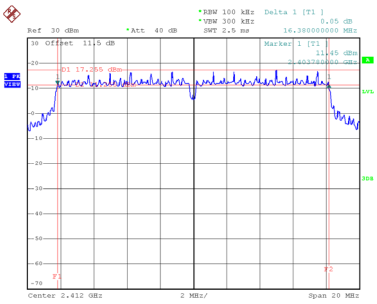


Date: 16.MAY.2022 11:54:48

Test Mode	TX G Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.380	20.160	0.5	Complies
06	2437	16.400	19.840	0.5	Complies
11	2462	16.420	19.680	0.5	Complies

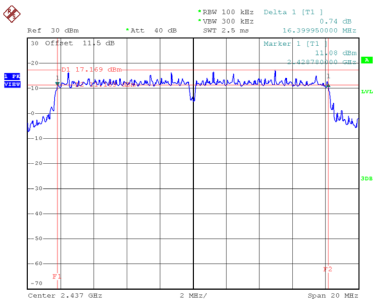
CH01



Date: 16.MAY.2022 11:55:56

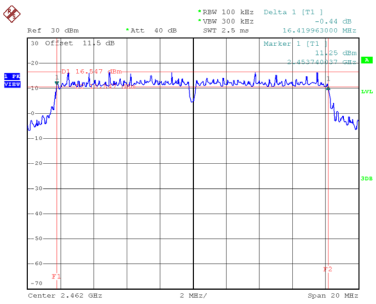
CH06

6 dB Bandwidth



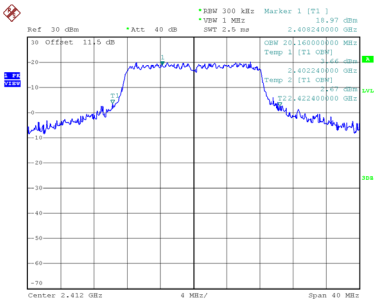
Date: 16.MAY.2022 11:56:47

CH11

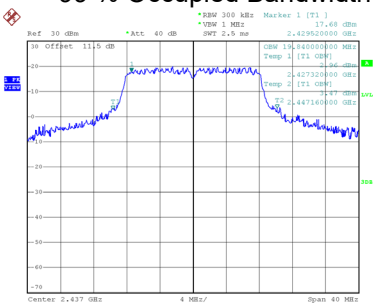


Date: 16.MAY.2022 11:57:37

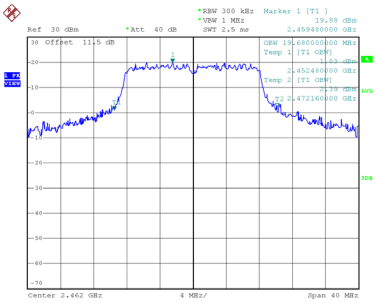
99 % Occupied Bandwidth



Date: 16.MAY.2022 11:56:04



Date: 16.MAY.2022 11:56:54

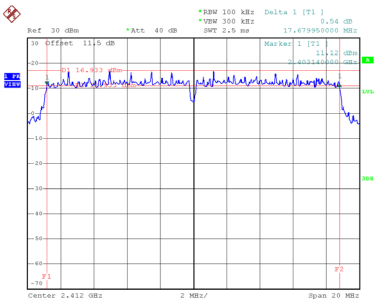


Date: 16.MAY.2022 11:57:45

Test Mode	TX N(HT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	17.680	20.640	0.5	Complies
06	2437	17.620	20.000	0.5	Complies
11	2462	17.680	20.160	0.5	Complies

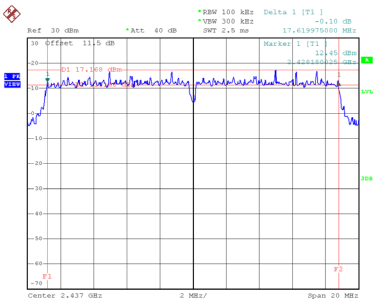
CH01



Date: 16.MAY.2022 11:58:28

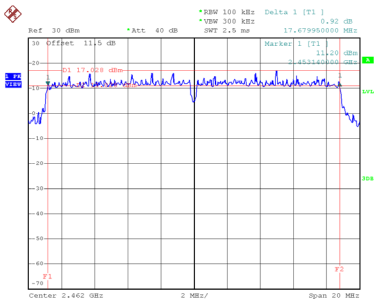
CH06

6 dB Bandwidth



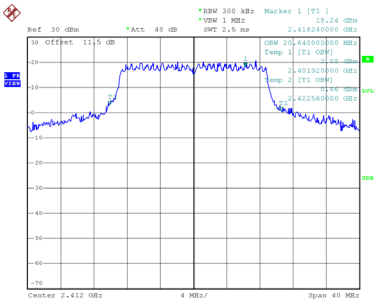
Date: 16.MAY.2022 13:33:41

CH11

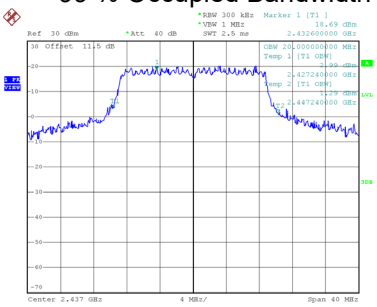


Date: 16.MAY.2022 13:34:25

99 % Occupied Bandwidth



Date: 16.MAY.2022 11:58:36



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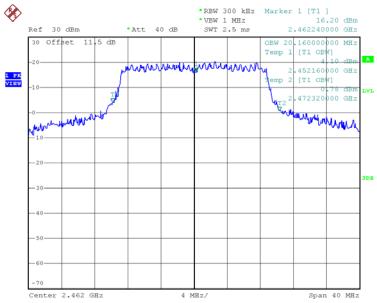
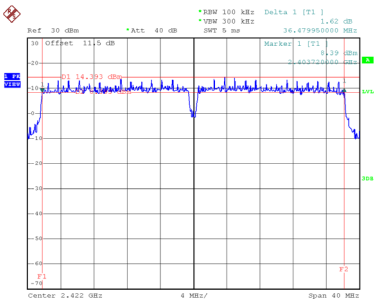


Date: 16.MAY.2022 13:34:33

Test Mode	TX N(HT40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	36.480	44.640	0.5	Complies
06	2437	36.480	43.360	0.5	Complies
09	2452	36.520	43.040	0.5	Complies

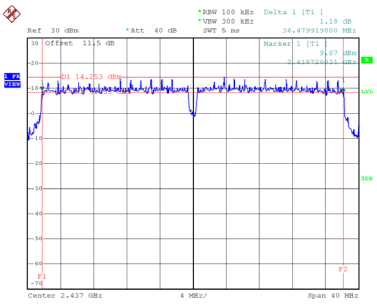
CH03



Date: 16.MAY.2022 13:35:17

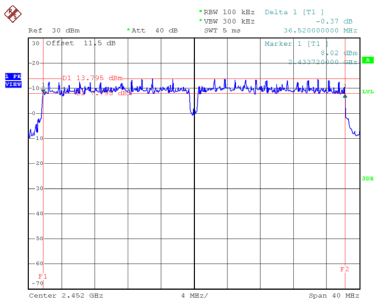
CH06

6 dB Bandwidth



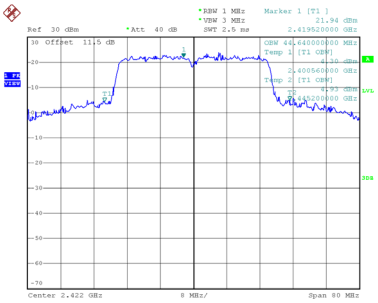
Date: 16.MAY.2022 13:39:05

CH09



Date: 16.MAY.2022 13:39:47

99 % Occupied Bandwidth



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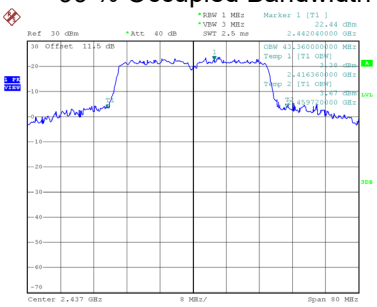

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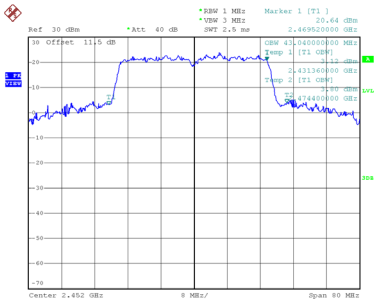
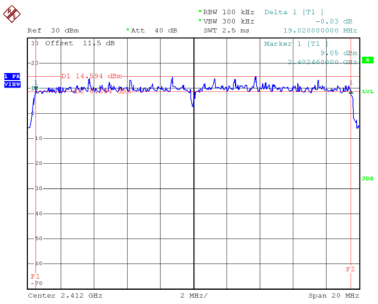


Date: 16.MAY.2022 13:39:54

Test Mode	TX AX(HE20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	19.020	19.360	0.5	Complies
06	2437	18.860	19.360	0.5	Complies
11	2462	19.060	19.360	0.5	Complies

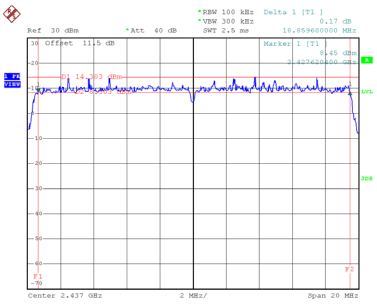
CH01



Date: 16.MAY.2022 13:41:08

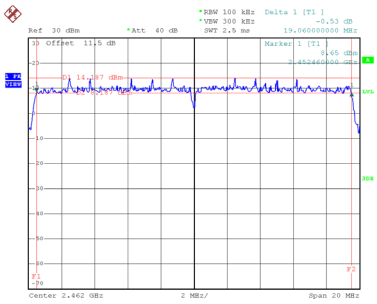
CH06

6 dB Bandwidth



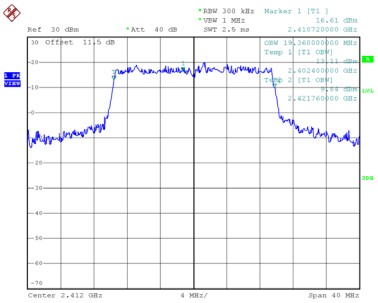
Date: 16.MAY.2022 13:41:51

CH11

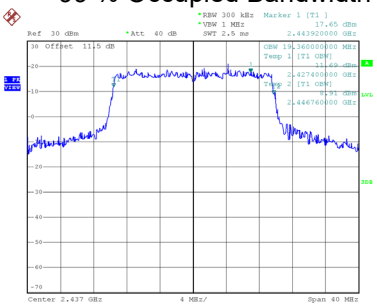


Date: 16.MAY.2022 13:42:25

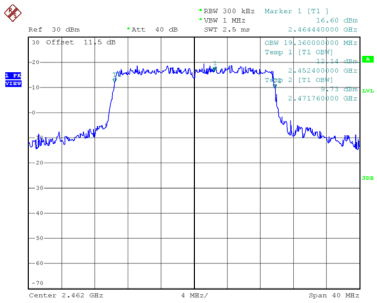
99 % Occupied Bandwidth



Date: 16.MAY.2022 13:41:16



Date: 16.MAY.2022 13:41:59

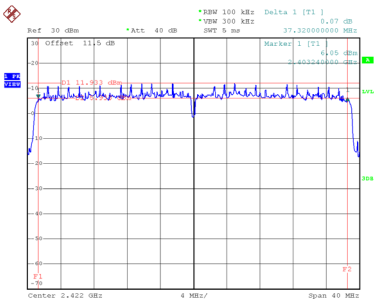


Date: 16.MAY.2022 13:42:33

Test Mode	TX AX(HE40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	37.320	38.240	0.5	Complies
06	2437	37.600	38.240	0.5	Complies
09	2452	37.160	38.240	0.5	Complies

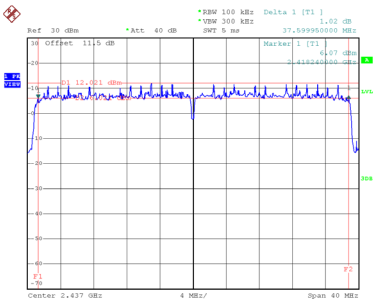
CH03



Date: 16.MAY.2022 13:43:10

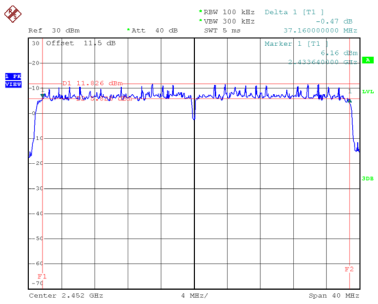
CH06

6 dB Bandwidth



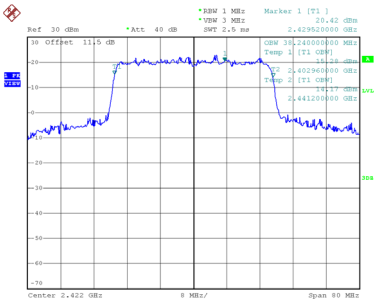
Date: 16.MAY.2022 13:43:43

CH09

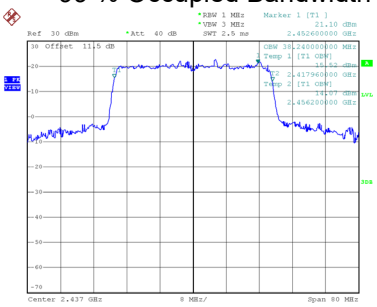


Date: 16.MAY.2022 13:44:18

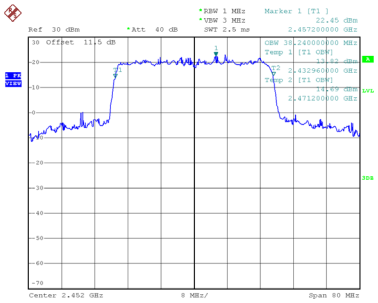
99 % Occupied Bandwidth



Date: 16.MAY.2022 13:43:17



Date: 16.MAY.2022 13:43:51



Date: 16.MAY.2022 13:44:26

APPENDIX F - MAXIMUM AVERAGE OUTPUT POWER

Non Beamforming

Test Mode	TX B Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.97	0.21	26.18	30.00	1.0000	Complies
06	2437	26.19	0.21	26.40	30.00	1.0000	Complies
11	2462	26.06	0.21	26.27	30.00	1.0000	Complies

Test Mode	TX B Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	26.02	0.21	26.23	30.00	1.0000	Complies
06	2437	26.17	0.21	26.38	30.00	1.0000	Complies
11	2462	26.11	0.21	26.32	30.00	1.0000	Complies

Test Mode	TX B Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	29.22	30.00	1.0000	Complies
06	2437	29.40	30.00	1.0000	Complies
11	2462	29.31	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.41	0.99	22.40	30.00	1.0000	Complies
06	2437	26.02	0.99	27.01	30.00	1.0000	Complies
11	2462	21.91	0.99	22.90	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.49	0.99	22.48	30.00	1.0000	Complies
06	2437	25.96	0.99	26.95	30.00	1.0000	Complies
11	2462	22.11	0.99	23.10	30.00	1.0000	Complies

Test Mode	TX G Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.45	30.00	1.0000	Complies
06	2437	29.99	30.00	1.0000	Complies
11	2462	26.01	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.48	0.00	20.48	30.00	1.0000	Complies
06	2437	25.98	0.00	25.98	30.00	1.0000	Complies
11	2462	21.67	0.00	21.67	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.49	0.00	20.49	30.00	1.0000	Complies
06	2437	26.04	0.00	26.04	30.00	1.0000	Complies
11	2462	21.74	0.00	21.74	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.50	30.00	1.0000	Complies
06	2437	29.02	30.00	1.0000	Complies
11	2462	24.72	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.54	0.43	19.97	30.00	1.0000	Complies
06	2437	22.27	0.43	22.70	30.00	1.0000	Complies
09	2452	19.96	0.43	20.39	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.51	0.43	19.94	30.00	1.0000	Complies
06	2437	22.31	0.43	22.74	30.00	1.0000	Complies
09	2452	20.05	0.43	20.48	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	22.97	30.00	1.0000	Complies
06	2437	25.74	30.00	1.0000	Complies
09	2452	23.45	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.51	0.09	22.60	30.00	1.0000	Complies
06	2437	26.02	0.09	26.11	30.00	1.0000	Complies
11	2462	22.81	0.09	22.90	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.63	0.09	22.72	30.00	1.0000	Complies
06	2437	26.05	0.09	26.14	30.00	1.0000	Complies
11	2462	22.96	0.09	23.05	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.67	30.00	1.0000	Complies
06	2437	29.14	30.00	1.0000	Complies
11	2462	25.99	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	21.14	0.19	21.33	30.00	1.0000	Complies
06	2437	22.32	0.19	22.51	30.00	1.0000	Complies
09	2452	21.44	0.19	21.63	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.97	0.19	21.16	30.00	1.0000	Complies
06	2437	22.38	0.19	22.57	30.00	1.0000	Complies
09	2452	21.59	0.19	21.78	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	24.26	30.00	1.0000	Complies
06	2437	25.55	30.00	1.0000	Complies
09	2452	24.72	30.00	1.0000	Complies

Beamforming

Test Mode	TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.20	0.00	20.20	30.00	1.0000	Complies
06	2437	25.75	0.00	25.75	30.00	1.0000	Complies
11	2462	21.43	0.00	21.43	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.22	0.00	20.22	30.00	1.0000	Complies
06	2437	25.79	0.00	25.79	30.00	1.0000	Complies
11	2462	21.50	0.00	21.50	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.22	30.00	1.0000	Complies
06	2437	28.78	30.00	1.0000	Complies
11	2462	24.48	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.30	0.43	19.73	30.00	1.0000	Complies
06	2437	22.01	0.43	22.44	30.00	1.0000	Complies
09	2452	19.72	0.43	20.15	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.28	0.43	19.71	30.00	1.0000	Complies
06	2437	22.09	0.43	22.52	30.00	1.0000	Complies
09	2452	19.83	0.43	20.26	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	22.73	30.00	1.0000	Complies
06	2437	25.50	30.00	1.0000	Complies
09	2452	23.22	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.26	0.09	22.35	30.00	1.0000	Complies
06	2437	25.75	0.09	25.84	30.00	1.0000	Complies
11	2462	22.58	0.09	22.67	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.38	0.09	22.47	30.00	1.0000	Complies
06	2437	25.80	0.09	25.89	30.00	1.0000	Complies
11	2462	22.74	0.09	22.83	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.42	30.00	1.0000	Complies
06	2437	28.88	30.00	1.0000	Complies
11	2462	25.76	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.89	0.19	21.08	30.00	1.0000	Complies
06	2437	22.09	0.19	22.28	30.00	1.0000	Complies
09	2452	21.19	0.19	21.38	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.73	0.19	20.92	30.00	1.0000	Complies
06	2437	22.16	0.19	22.35	30.00	1.0000	Complies
09	2452	21.31	0.19	21.50	30.00	1.0000	Complies

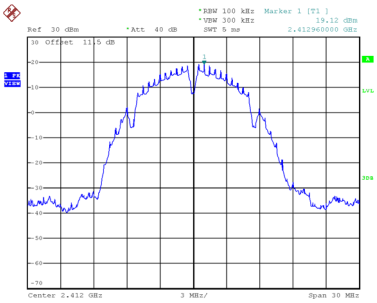
Test Mode	TX AX(HE40) Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	24.01	30.00	1.0000	Complies
06	2437	25.32	30.00	1.0000	Complies
09	2452	24.45	30.00	1.0000	Complies

APPENDIX G - CONDUCTED SPURIOUS EMISSIONS

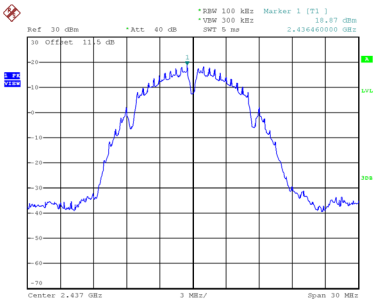
Test Mode	TX B Mode_Ant. 1

Reference Level-CH01



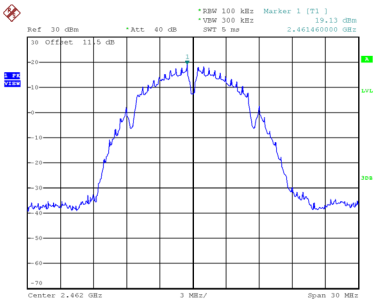
Date: 23.MAY.2022 11:30:30

Reference Level-CH06



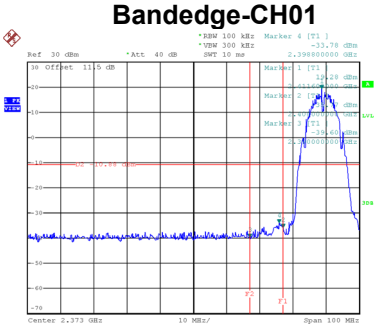
Date: 23.MAY.2022 11:33:22

Reference Level-CH11



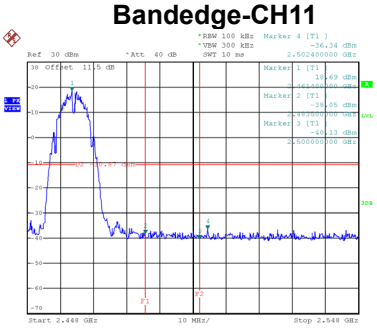
Date: 23.MAY.2022 11:33:50

Bandedge-CH01



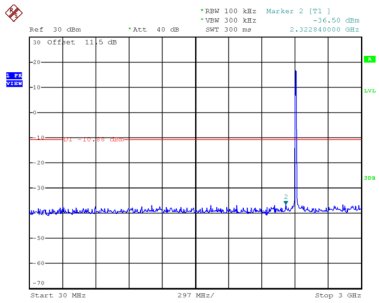
Date: 23.MAY.2022 11:54:44

Bandedge-CH11

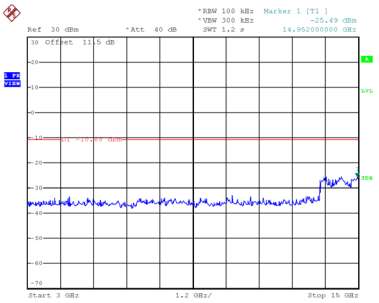


Date: 23.MAY.2022 11:58:11

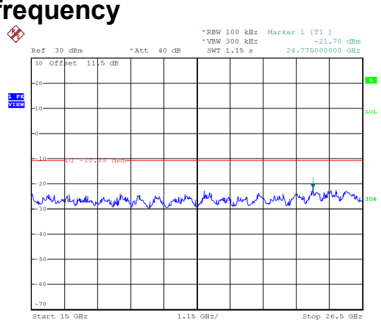
CH01 – 10th Harmonic of the fundamental frequency



Date: 23.MAY.2022 14:32:44

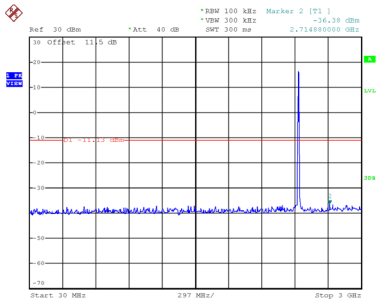


Date: 23.MAY.2022 14:32:52

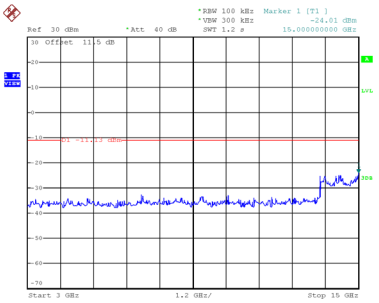


Date: 23.MAY.2022 14:33:00

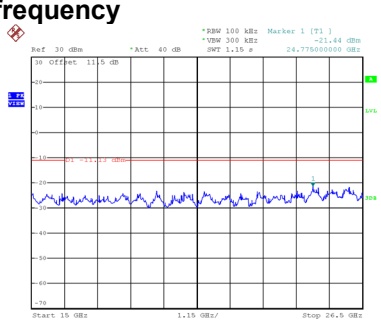
CH06 – 10th Harmonic of the fundamental frequency



Date: 23.MAY.2022 14:33:22

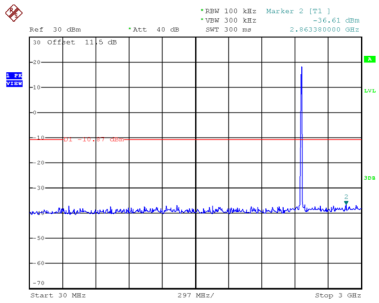


Date: 23.MAY.2022 14:33:30

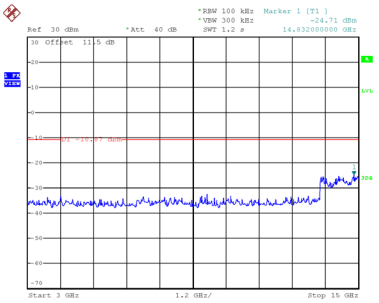


Date: 23.MAY.2022 14:33:38

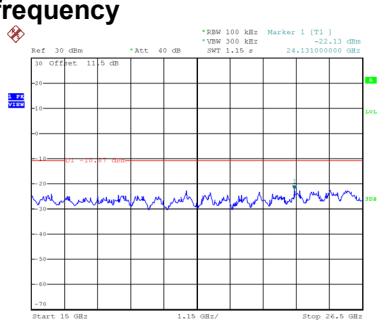
CH11 – 10th Harmonic of the fundamental frequency



Date: 23.MAY.2022 14:34:16



Date: 23.MAY.2022 14:34:23



Date: 23.MAY.2022 14:34:31