FCC Radio Test Report

FCC ID: Q78-ZXV10B866V2

This report concerns: Original Grant

Project No.	:	2103H037
Equipment	:	RichMedia Box
Brand Name	:	ZTE
Test Model	:	ZXV10 B866V2
Series Model	:	N/A
Applicant	:	ZTE Corporation
Address	:	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park Nanshan District, Shenzhen, Guangdong, P.R. China
Manufacturer	:	ZTE Corporation
Address	:	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park Nanshan District, Shenzhen, Guangdong, P.R. China
Date of Receipt	:	Mar. 29, 2021
Date of Test	:	Apr. 01, 2021~May 13, 2021
Issued Date	:	May 21, 2021
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SH2021033044 for radiated SH2021033045 for conducted, SH2021033043-12, SH2021033043-4 for adapter
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.

Maker Qi

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Declaration

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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 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 Version	Description	Issued Date
R00	Original Issue.	May 21, 2021

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart C				
Standard(s) Section	**Test Item**	**Test Result**	**Judgment**	**Remark**
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	------
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	------
15.247(a)(2)	Bandwidth	APPENDIX E	PASS	------
15.247(b)(3)	Maximum 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. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210,China
BTL's Test Firm Registration Number for FCC: 476765
BTL's Designation Number for FCC: CN1241

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)
SH-C01	CISPR	150 kHz ~ 30 MHz	2.70

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
SH-CB01	CISPR	9 KHz~30 MHz	V	3.79
		9 KHz~30 MHz	H	3.57
		30 MHz~200 MHz	V	4.04
		30 MHz~200 MHz	H	3.76
		200 MHz~1,000 MHz	V	4.24
		200 MHz~1,000 MHz	H	3.84
		1 GHz~18 GHz	V	4.46
		1 GHz~18 GHz	H	4.40
		18 GHz~40 GHz	V	3.95
		18 GHz~40 GHz	H	3.95

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	20°C	40%	AC 120V/60Hz	Joven Xiong
Radiated Emissions-30MHz to 1000MHz	24°C	58%	AC 120V/60Hz	Forest Li
Radiated Emissions-Above 1000MHz	24°C	58%	AC 120V/60Hz	Forest Li
Bandwidth	21°C	38%	AC 120V/60Hz	Danny Dang
Maximum Output Power	21°C	38%	AC 120V/60Hz	Danny Dang
Conducted Spurious Emissions	21°C	38%	AC 120V/60Hz	Danny Dang
Power Spectral Density	21°C	38%	AC 120V/60Hz	Danny Dang

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	RichMedia Box
Brand Name	ZTE
Test Model	ZXV10 B866V2
Series Model	N/A
Model Difference(s)	N/A
Software Version	N/A
Hardware Version	N/A
Power Source	DC Voltage supplied from AC/DC adapter. Brand/ Model: Ruide/ RD1201000-C55-35MGD
Power Rating	I/P: 100-240V~50/60Hz 0.6A MAX O/P: 12V ⎓ 1.0A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM
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 300Mbps
Maximum Output Power	IEEE 802.11n40: 24.11 dBm (0.2578 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) CH03 - CH09 for IEEE 802.11n(HT40)							
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		

4. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	steel	N/A	4.3
2	N/A	N/A	chip	N/A	4.3

Note:

1) This EUT supports MIMO 2X2, any transmit signals are uncorrelated with each other, so Directional gain=G_{ANT}, that is Directional gain= G_{ANT} =4.3.
2) The antenna gain is provided by the manufacturer.

5. Table for Antenna Configuration:

Operating Mode / TX Mode	Ant. 1	Ant. 2	Ant. 1 + Ant. 2
IEEE 802.11b	✓	✓	✓
IEEE 802.11g	✓	✓	✓
IEEE 802.11n(HT20)	✓	✓	✓
IEEE 802.11n(HT40)	✓	✓	✓

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 4	TX N(HT40) Mode Channel 06

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 4	TX N(HT40) Mode Channel 06

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 4	TX N(HT40) Mode Channel 06

Radiated emissions test- Above 1GHz	
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

Conducted test	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09

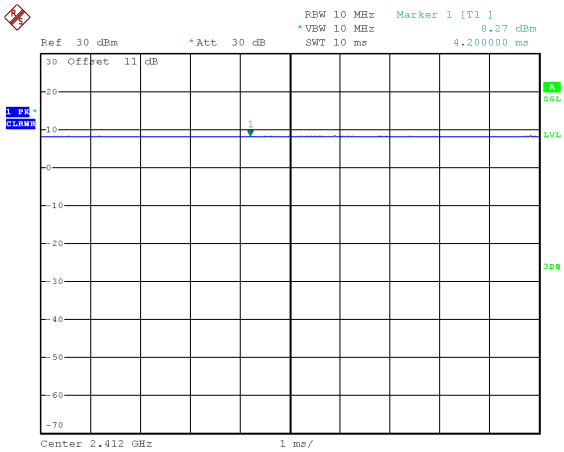
NOTE:
(1) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(2) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX N(HT40) Mode Channel 06 is found to be the worst case and recorded.

2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	QA tool 0.0.0.73		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	19	18	18
IEEE 802.11g	19	19	19
IEEE 802.11n(HT20)	19	19	19
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	13	19	15

2.4 DUTY CYCLE

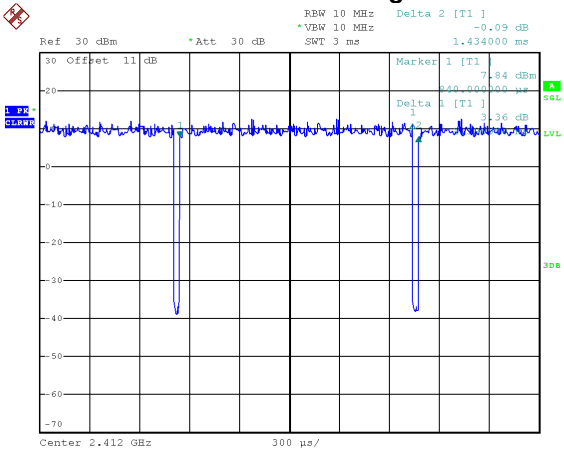
IEEE 802.11b



Date: 7.APR.2021 18:17:40

Duty cycle = 4.200 ms / 4.200 ms = 100%
Duty Factor = 10 log(1/Duty cycle) = 0.00

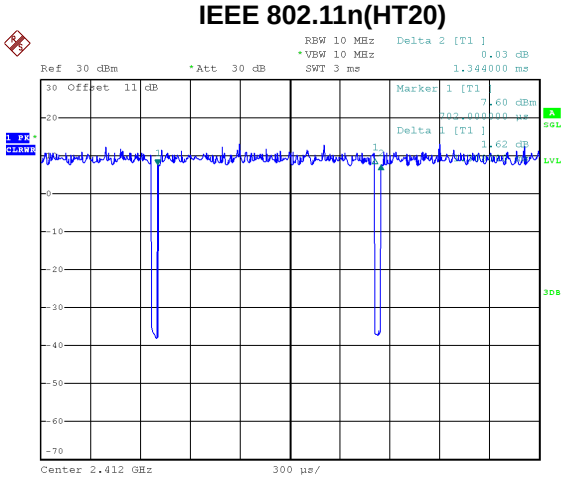
IEEE 802.11g



Date: 7.APR.2021 18:16:30

Duty cycle = 1.398 ms / 1.434 ms = 97.49%
Duty Factor = 10 log(1/Duty cycle) = 0.11

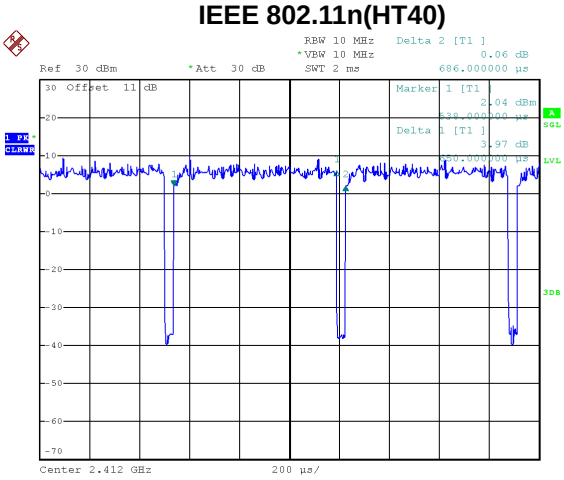
IEEE 802.11n(HT20)



Date: 7.APR.2021 18:18:29

Duty cycle = 1.308 ms / 1.344 ms = 97.32%
Duty Factor = 10 log(1/Duty cycle) = 0.12

IEEE 802.11n(HT40)



Date: 7.APR.2021 18:23:20

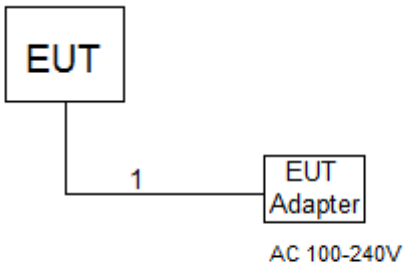
Duty cycle = 0.650 ms / 0.686 ms = 94.75%
Duty Factor = 10 log(1/Duty cycle) = 0.23

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 0.01kHz.

For IEEE 802.11g and 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 2 kHz.

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC	N/A	N/A	1M

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.

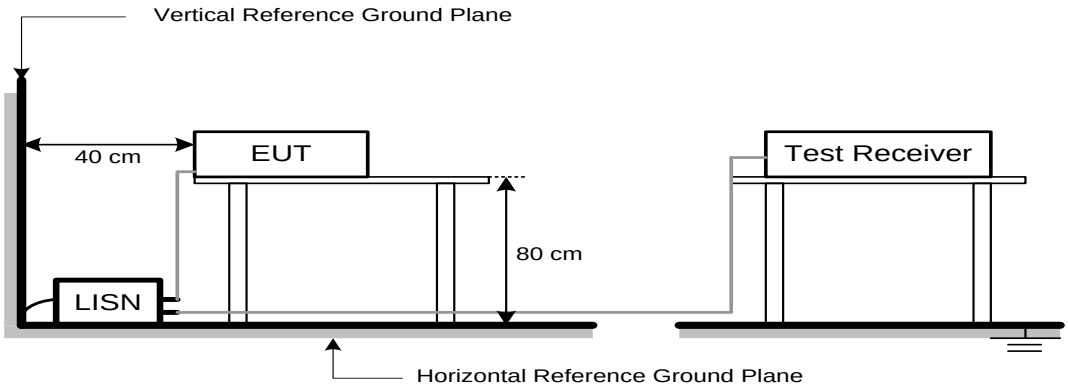
The following table is the setting of the receiver:

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

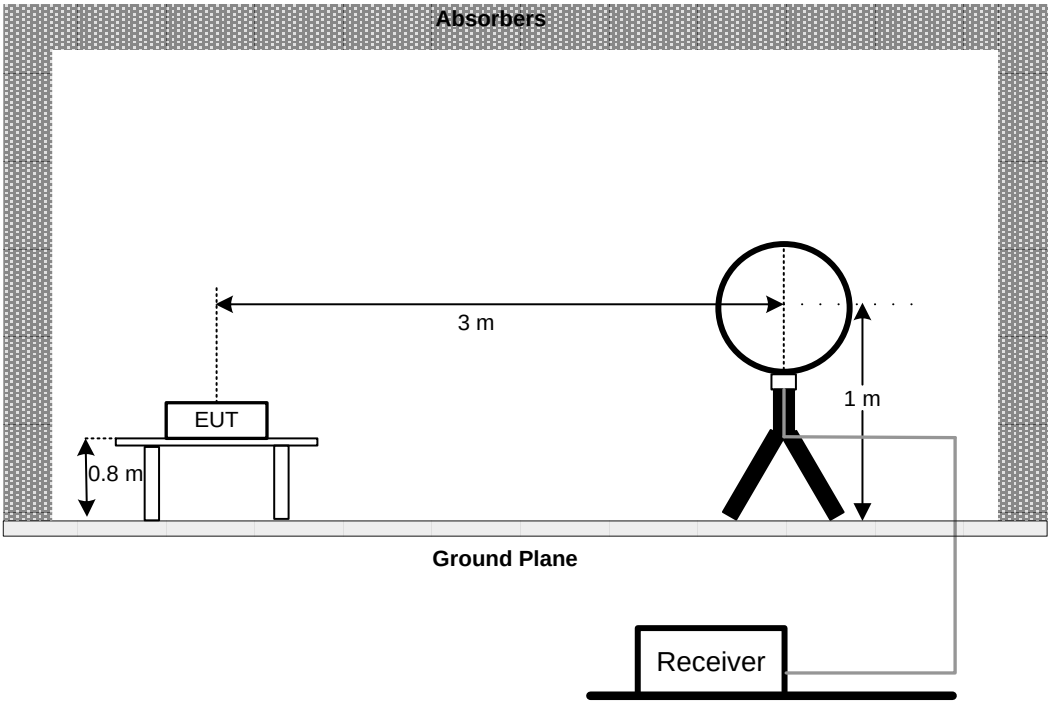
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

4.3 DEVIATION FROM TEST STANDARD

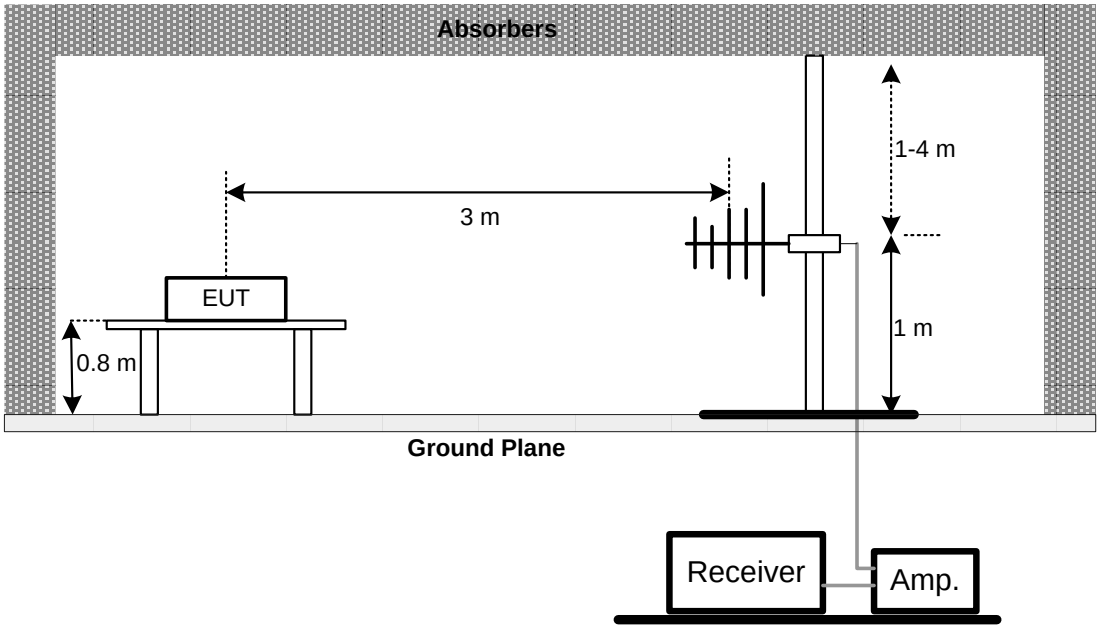
No deviation.

4.4 TEST SETUP

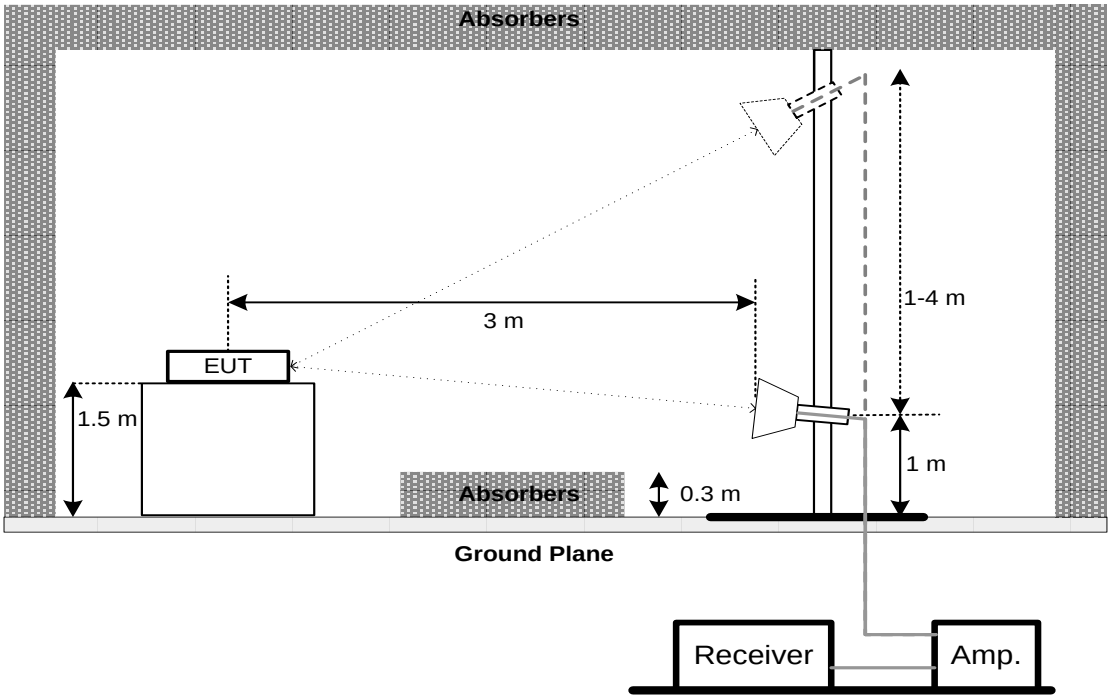
9 kHz to 30 MHz



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

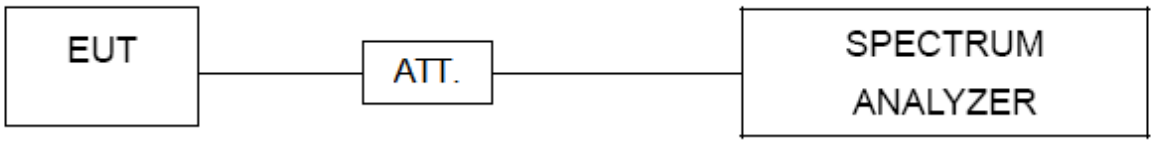
For 99% Emission Bandwidth:

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 OUTPUT POWER

6.1 LIMIT

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

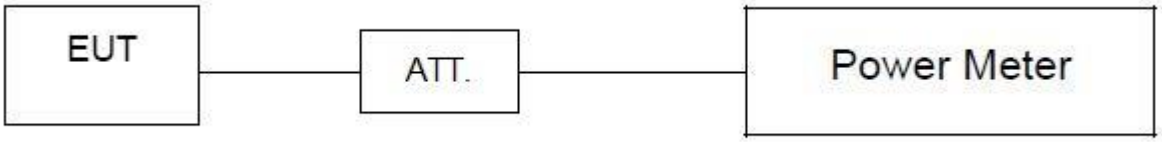
6.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. The maximum conducted output power was performed in accordance with method 11.9.1.3 (for peak power) 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:

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

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP

7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.

8. POWER SPECTRAL DENSITY

8.1 LIMIT

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

8.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.

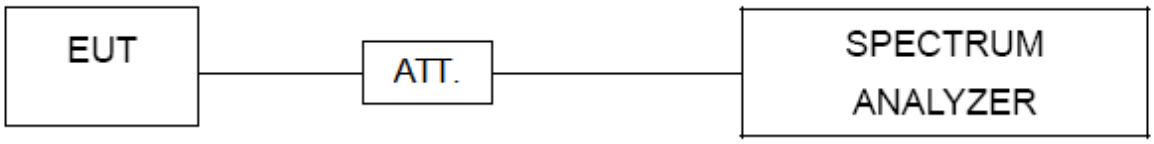
b. The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span Frequency	25 MHz (20 MHz) / 60 MHz (40 MHz)
RBW	3 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.

9. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Line Impedance Stabilisation Network	Schwarzbeck	NNLK 8121	8121-822	Mar. 21, 2022
2	TWO-LINE V-NETWORK	R&S	ENV216	101340	Aug. 23, 2021
3	Test Cable	emci	EMCRG400-BM-NM-10000	170628	Jul. 15, 2021
4	EMI Test Receiver	R&S	ESCI	100082	Mar. 21, 2022
5	50Ω Terminator	SHX	TF2-1G-A	17051602	Mar. 21, 2022
6	50Ω coaxial switch	Anritsu	MP59B	6201750902	Mar. 21, 2022
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TRILOG Broadband Antenna	Schwarzbeck	VULB 9168	719	Mar. 26, 2022
2	Pre-Amplifier	emci	EMC9135	980400	Mar. 21, 2022
3	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 21, 2022
4	Test Cable	emci	EMC104-SM-SM-7000	170330	Apr. 13, 2021 Apr. 11, 2022
5	Test Cable	emci	EMC104-SM-SM-1000	170331	Apr. 13, 2021 Apr. 11, 2022
6	Test Cable	emci	EMC104-SM-NM-3500	170621	Apr. 13, 2021 Apr. 11, 2022
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double-Ridged Waveguide Horn Antenna	ETS-Lindgren	9120D	00206960	Mar. 26, 2022
2	Pre-Amplifier	emci	EMC012645SE	980421	May 11, 2021 May 10, 2022
3	EXA Spectrum Analyzer	Keysight	N9010A	MY56480545	Mar. 21, 2022
4	Test Cable	emci	EMC104-SM-SM-7000	170330	Apr. 13, 2021 Apr. 11, 2022
5	Test Cable	emci	EMC104-SM-SM-1000	170331	Apr. 13, 2021 Apr. 11, 2022
6	Test Cable	emci	EMC104-SM-NM-3500	170621	Apr. 13, 2021 Apr. 11, 2022
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 21, 2022
9	Double-Ridged Waveguide Horn Antenna	ETS-Lindgren	3116C	00203919	Jul. 20, 2021
10	Pre-Amplifier	emci	EMC184045SE	980409	Mar. 21, 2022
11	EXA Spectrum Analyzer	Keysight	N9010A	MY56480579	Mar. 21, 2022
12	Test Cable	emci	EMC102-KM-KM-800	170654	Apr. 13, 202 Apr. 11, 2022
13	Test Cable	emci	Super Reliable-40G-SS11-7000	W0030860001	Apr. 13, 2021 Apr. 11, 2022

Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 06, 2021 May 07, 2022
2	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 06, 2021 May 07, 2022
2	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

Antenna Conducted Spurious Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 06, 2021 May 07, 2022
2	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

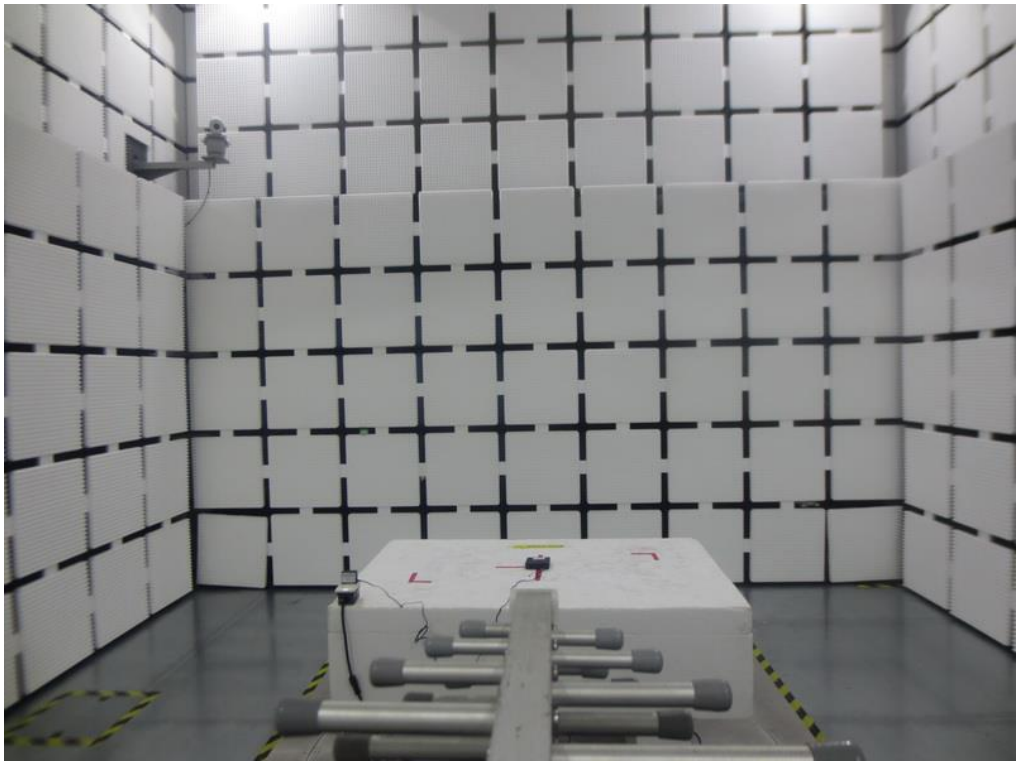
Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 06, 2021 May 07, 2022
2	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

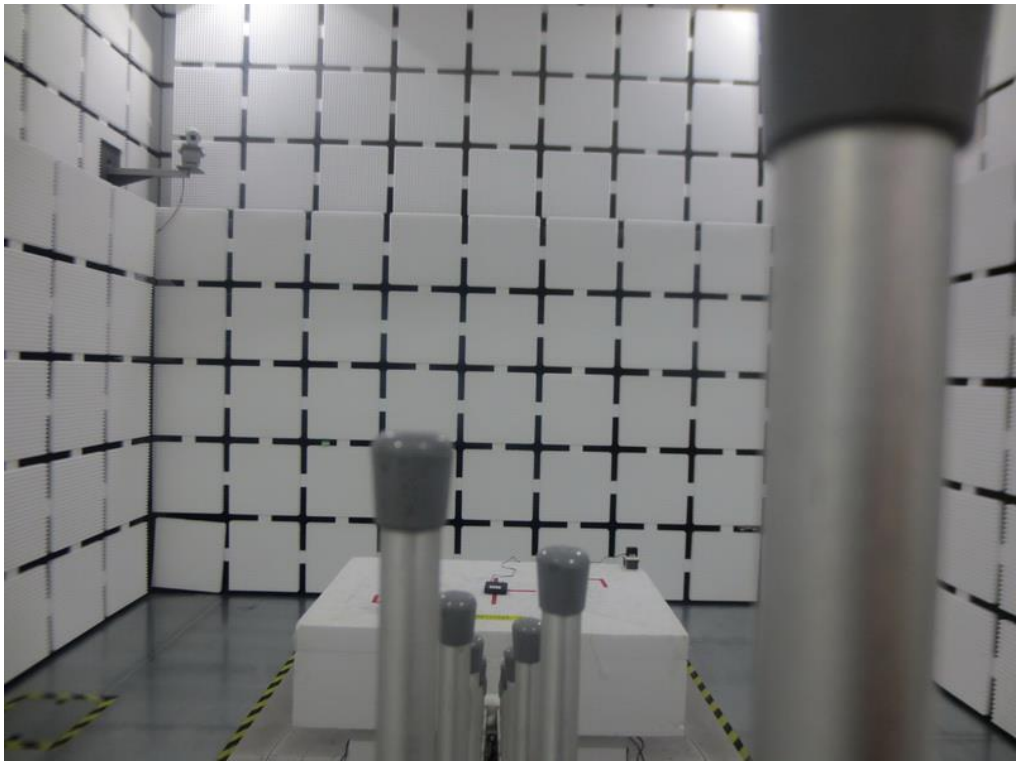
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

10. EUT TEST PHOTO

Radiated Emissions Test Photos

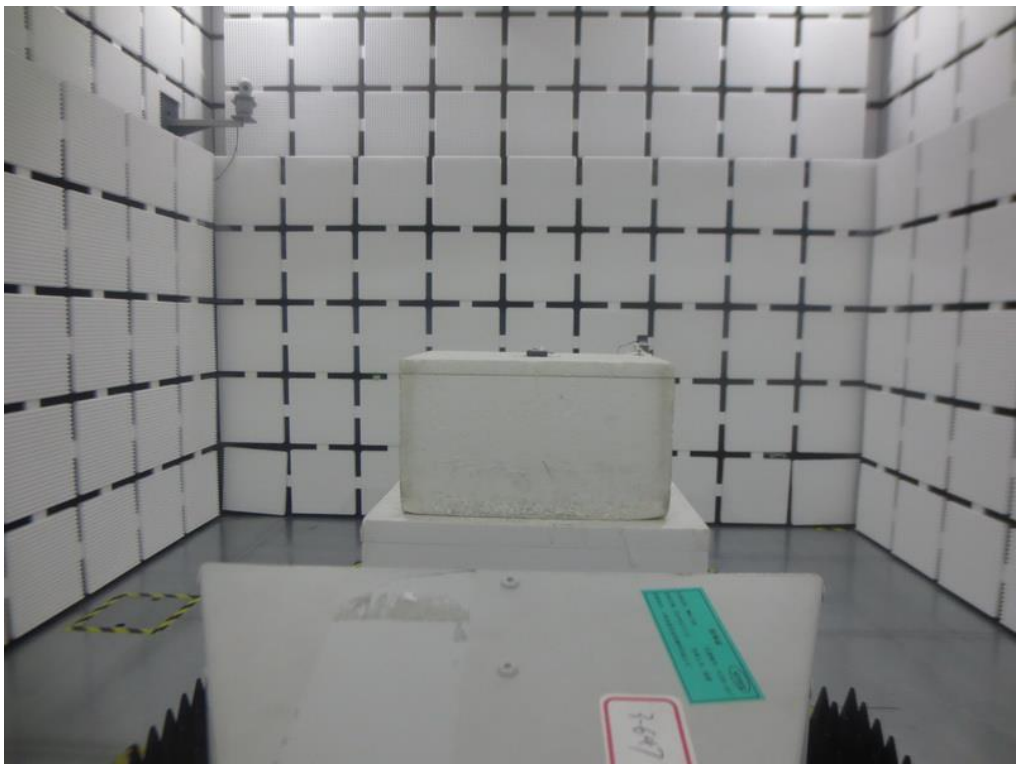
30 MHz to 1 GHz

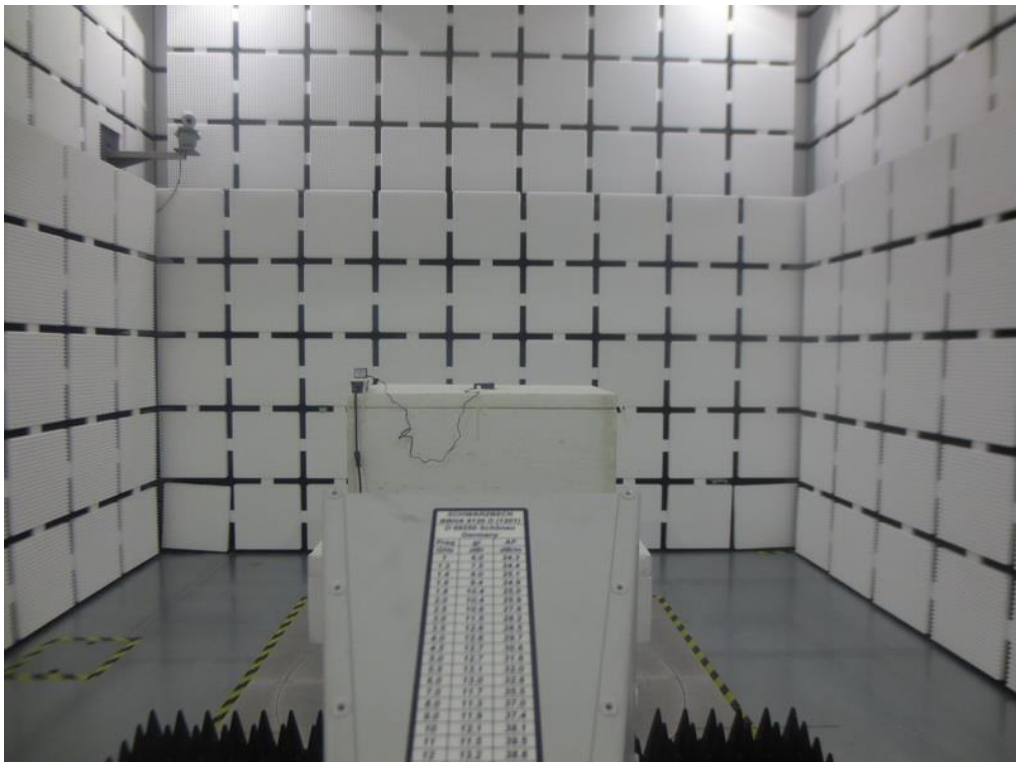




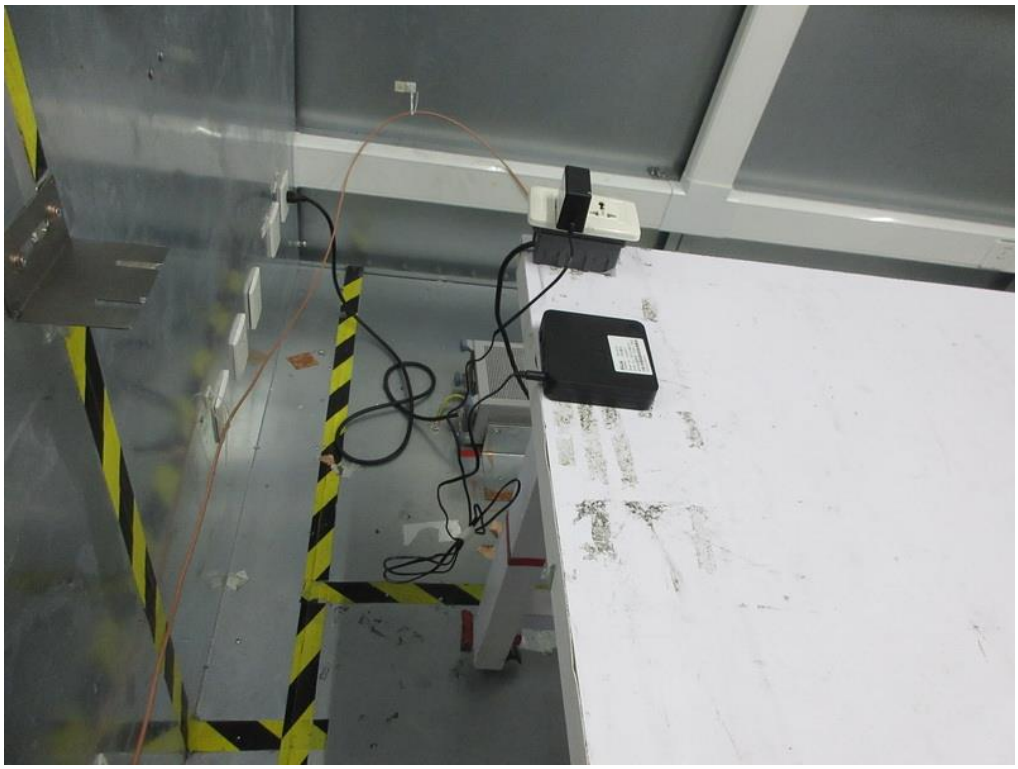
Radiated Emissions Test Photos

Above 1 GHz



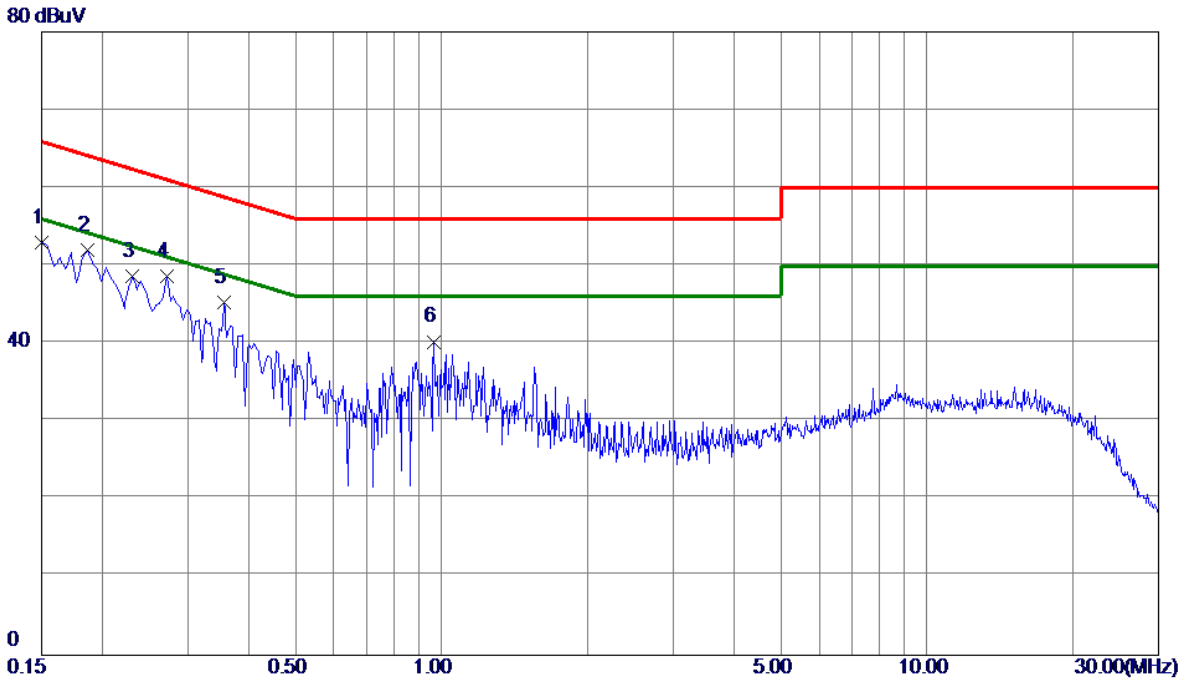


Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

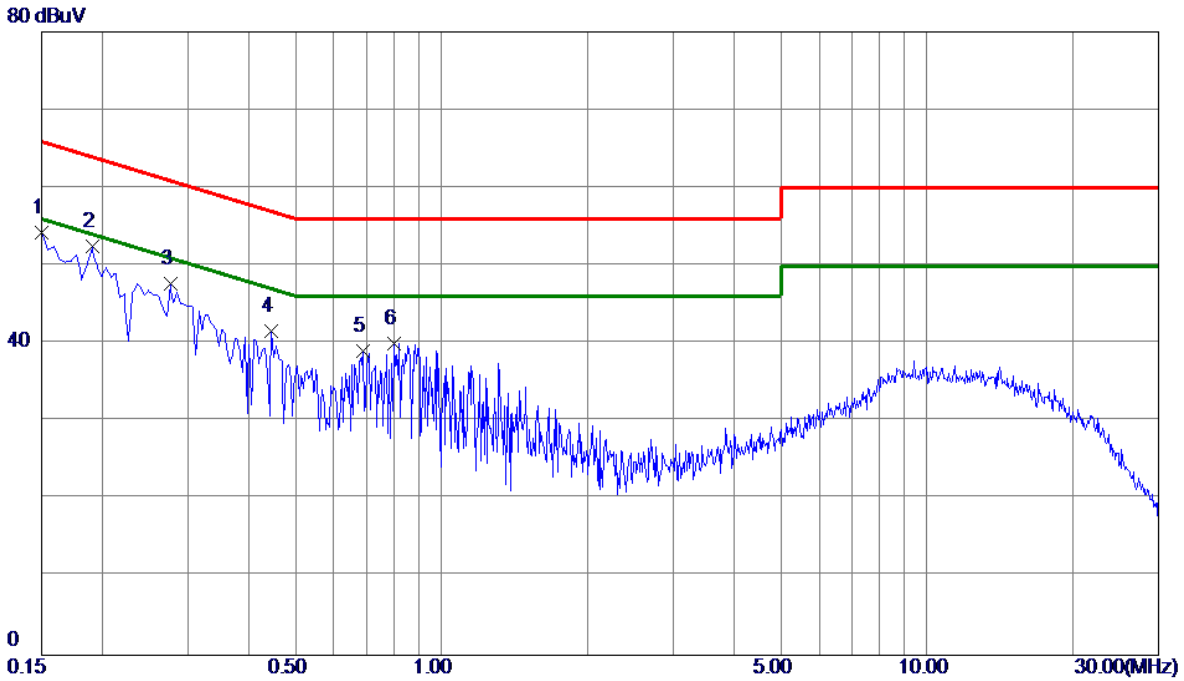
Test Mode	TX N(HT40) Mode Channel 06	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	43.30	9.71	53.01	66.00	-12.99	Peak	
2 *	0.1860	42.34	9.73	52.07	64.21	-12.14	Peak	
3	0.2310	38.88	9.75	48.63	62.41	-13.78	Peak	
4	0.2714	38.93	9.75	48.68	61.07	-12.39	Peak	
5	0.3570	35.48	9.77	45.25	58.80	-13.55	Peak	
6	0.9645	30.41	9.83	40.24	56.00	-15.76	Peak	

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

Test Mode	TX N(HT40) Mode Channel 06	Phase	Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	44.55	9.68	54.23	66.00	-11.77	Peak	
2 *	0.1905	42.77	9.71	52.48	64.01	-11.53	Peak	
3	0.2760	37.93	9.73	47.66	60.94	-13.28	Peak	
4	0.4470	31.79	9.76	41.55	56.93	-15.38	Peak	
5	0.6900	29.30	9.80	39.10	56.00	-16.90	Peak	
6	0.7980	30.19	9.81	40.00	56.00	-16.00	Peak	

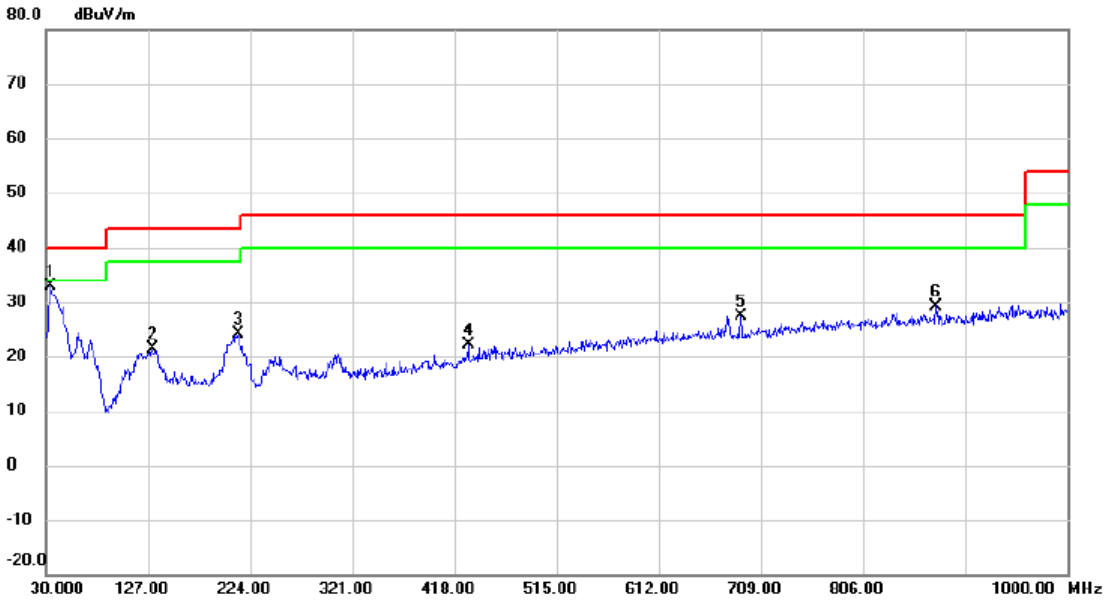
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Note: The measured value have enough margin over 20dB than the limit, therefore they are not reported.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

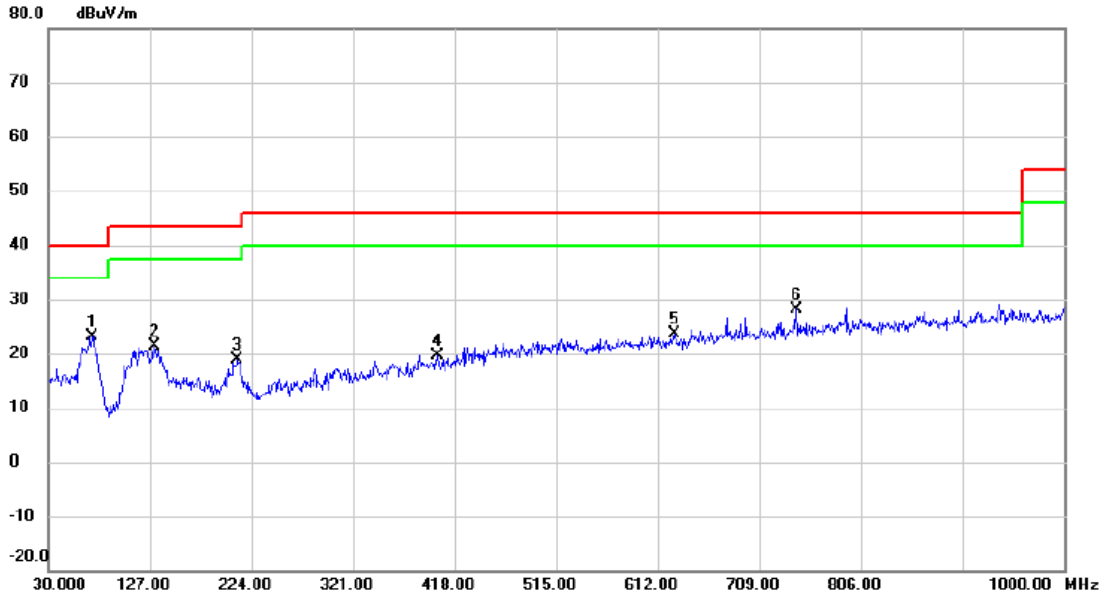
Test Mode	TX N(HT40) Mode Channel 06	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	34.8500	51.03	-18.17	32.86	40.00	-7.14	peak	
2		131.3650	39.05	-17.55	21.50	43.50	-22.00	peak	
3		212.8450	43.58	-19.35	24.23	43.50	-19.27	peak	
4		431.0950	34.58	-12.54	22.04	46.00	-23.96	peak	
5		689.6000	35.60	-8.12	27.48	46.00	-18.52	peak	
6		875.3550	35.40	-6.15	29.25	46.00	-16.75	peak	

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

Test Mode	TX N(HT40) Mode Channel 06	Polarization	Horizontal

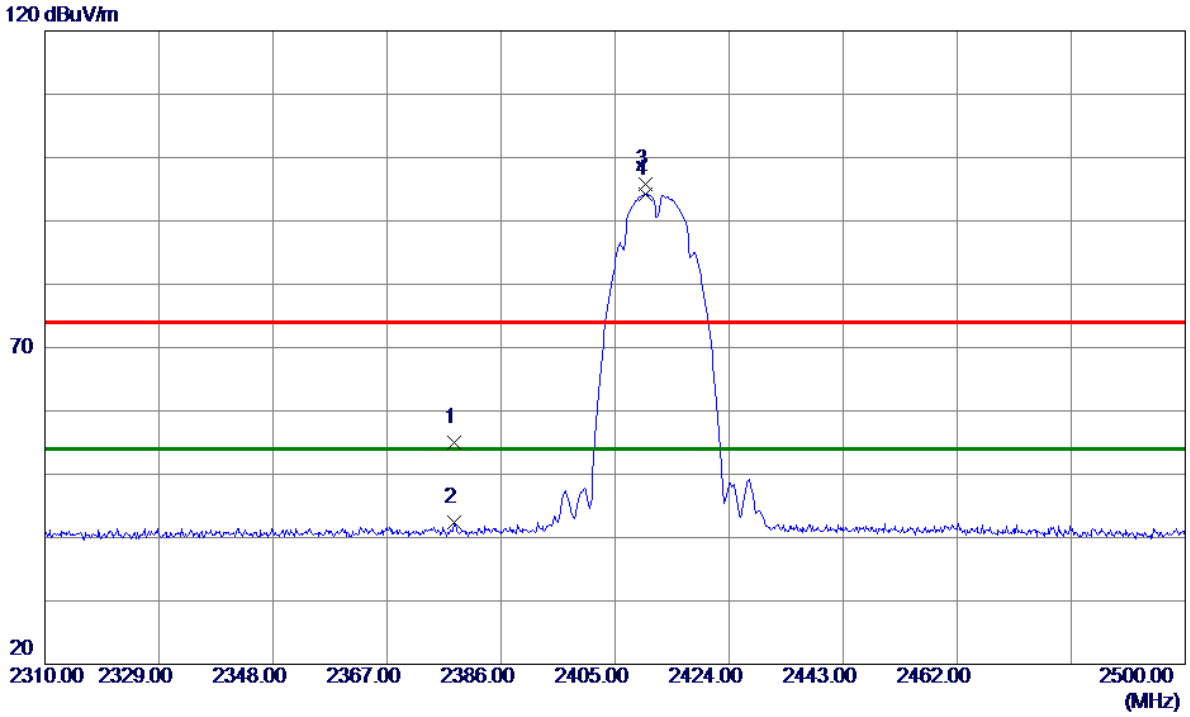


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	72.1950	42.28	-19.07	23.21	40.00	-16.79	peak	
2		131.3650	39.05	-17.55	21.50	43.50	-22.00	peak	
3		210.4200	38.31	-19.37	18.94	43.50	-24.56	peak	
4		401.9950	32.87	-13.29	19.58	46.00	-26.42	peak	
5		628.0050	32.33	-8.82	23.51	46.00	-22.49	peak	
6		743.9200	35.38	-7.28	28.10	46.00	-17.90	peak	

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

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

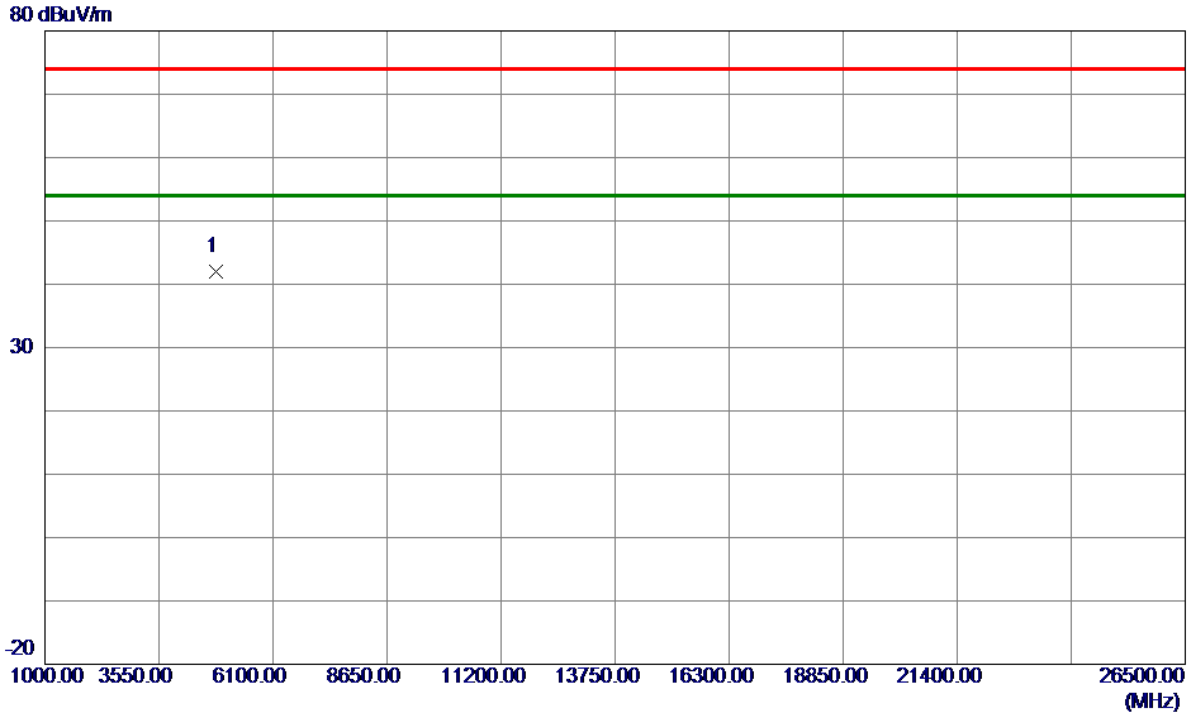
Test Mode	TX B Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2378.1150	23.17	31.76	54.93	74.00	-19.07	Peak	
2	2378.1150	10.72	31.76	42.48	54.00	-11.52	AVG	
3	2410.1299	64.06	31.72	95.78	74.00	21.78	Peak	
4 *	2410.1299	62.49	31.72	94.21	54.00	40.21	AVG	

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

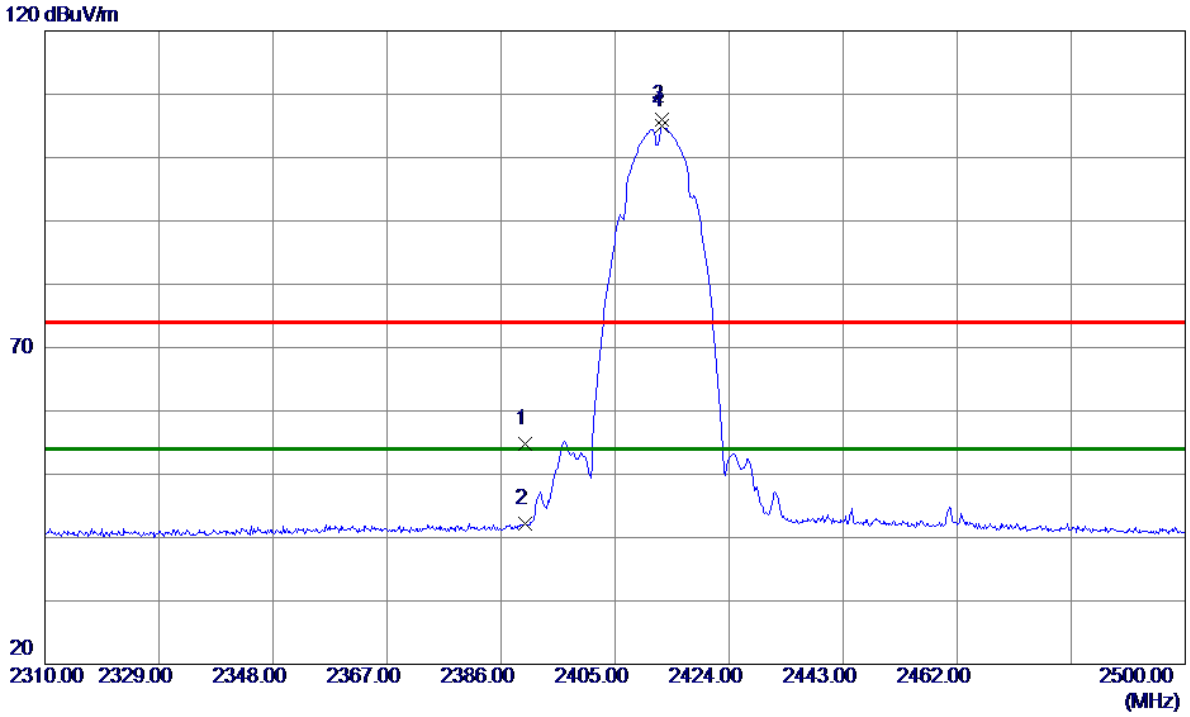
Test Mode	TX B Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.7250	53.00	-10.91	42.09	74.00	-31.91	Peak	

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

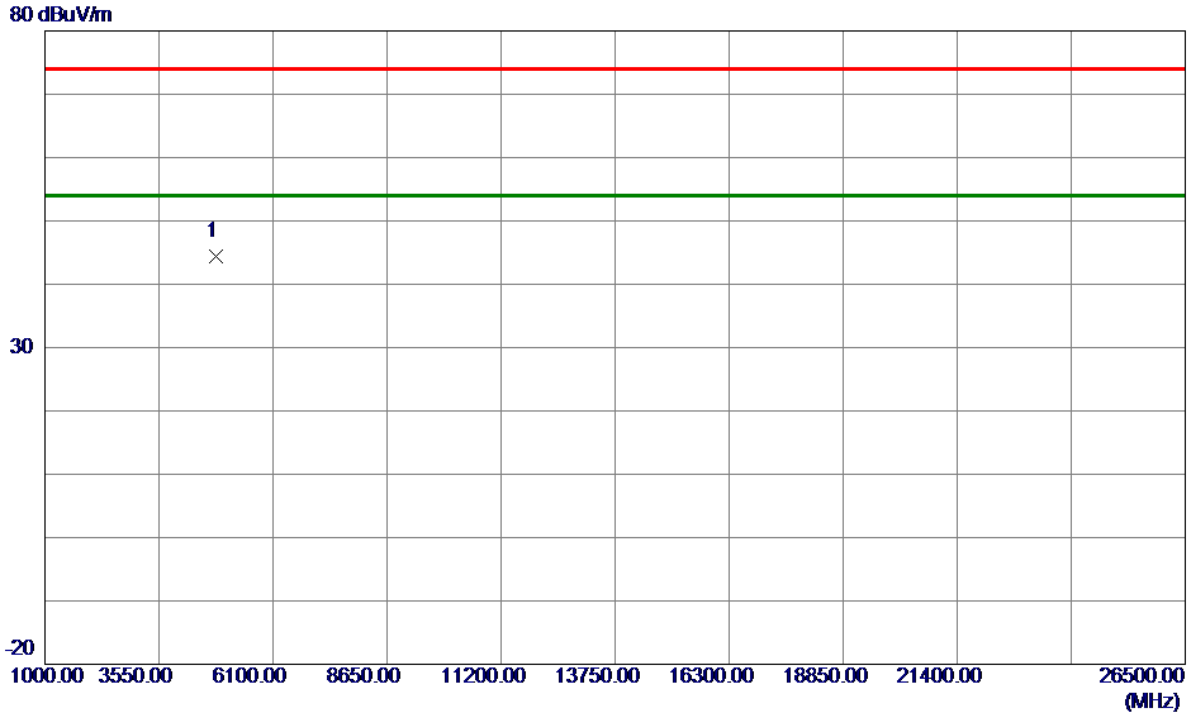
Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	22.97	31.74	54.71	74.00	-19.29	Peak	
2	2390.0000	10.45	31.74	42.19	54.00	-11.81	AVG	
3	2412.8850	74.33	31.72	106.05	74.00	32.05	Peak	
4 *	2412.8850	73.19	31.72	104.91	54.00	50.91	AVG	

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

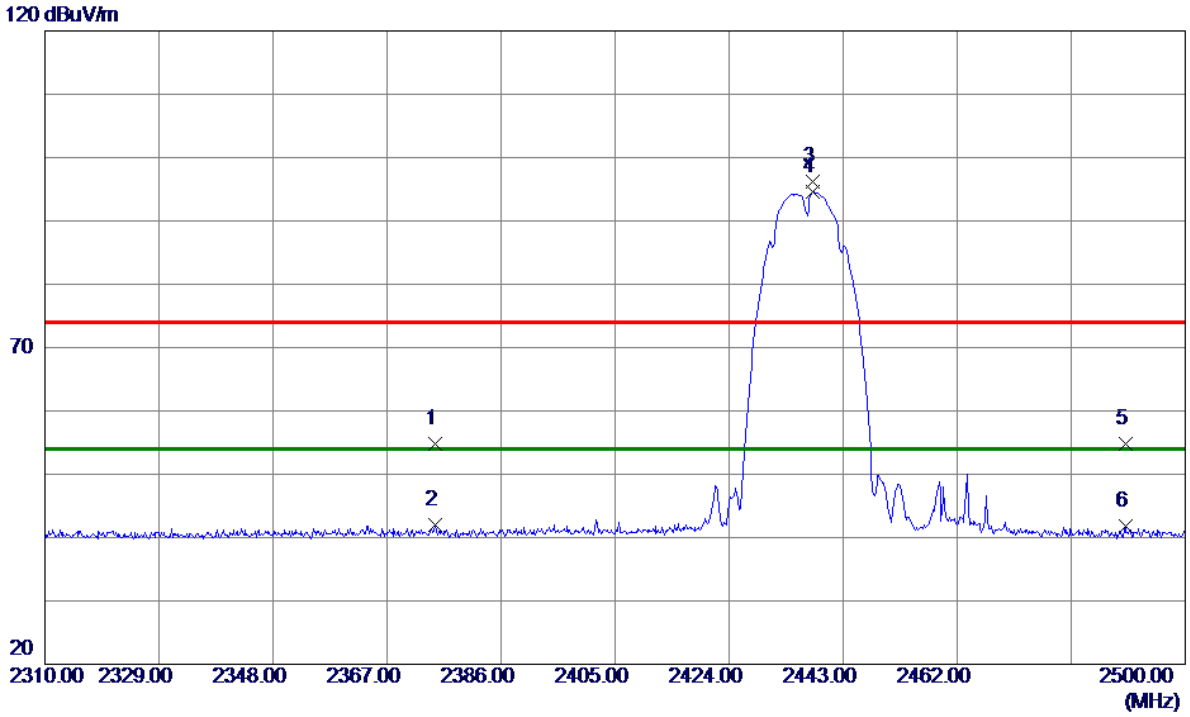
Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.7250	55.31	-10.91	44.40	74.00	-29.60	Peak	

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

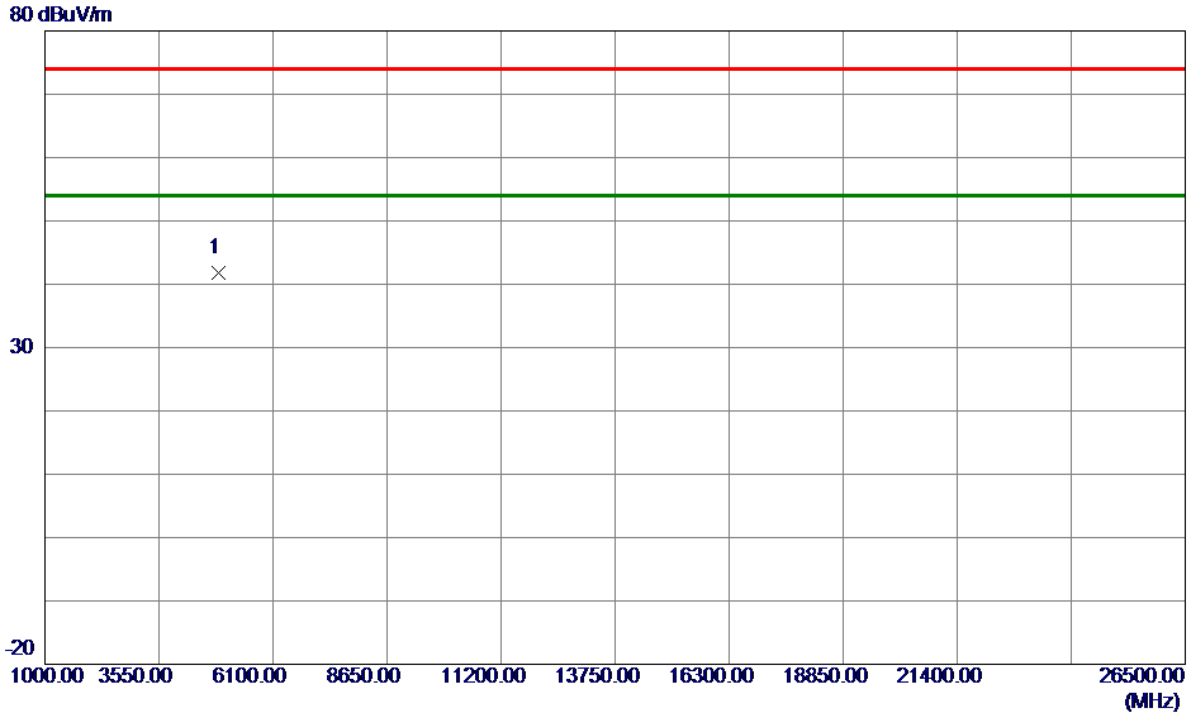
Test Mode	TX B Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2375.0750	22.98	31.77	54.75	74.00	-19.25	Peak	
2	2375.0750	10.14	31.77	41.91	54.00	-12.09	AVG	
3	2437.9650	64.54	31.72	96.26	74.00	22.26	Peak	
4 *	2437.9650	62.88	31.72	94.60	54.00	40.60	AVG	
5	2490.0250	23.16	31.71	54.87	74.00	-19.13	Peak	
6	2490.0250	10.03	31.71	41.74	54.00	-12.26	AVG	

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

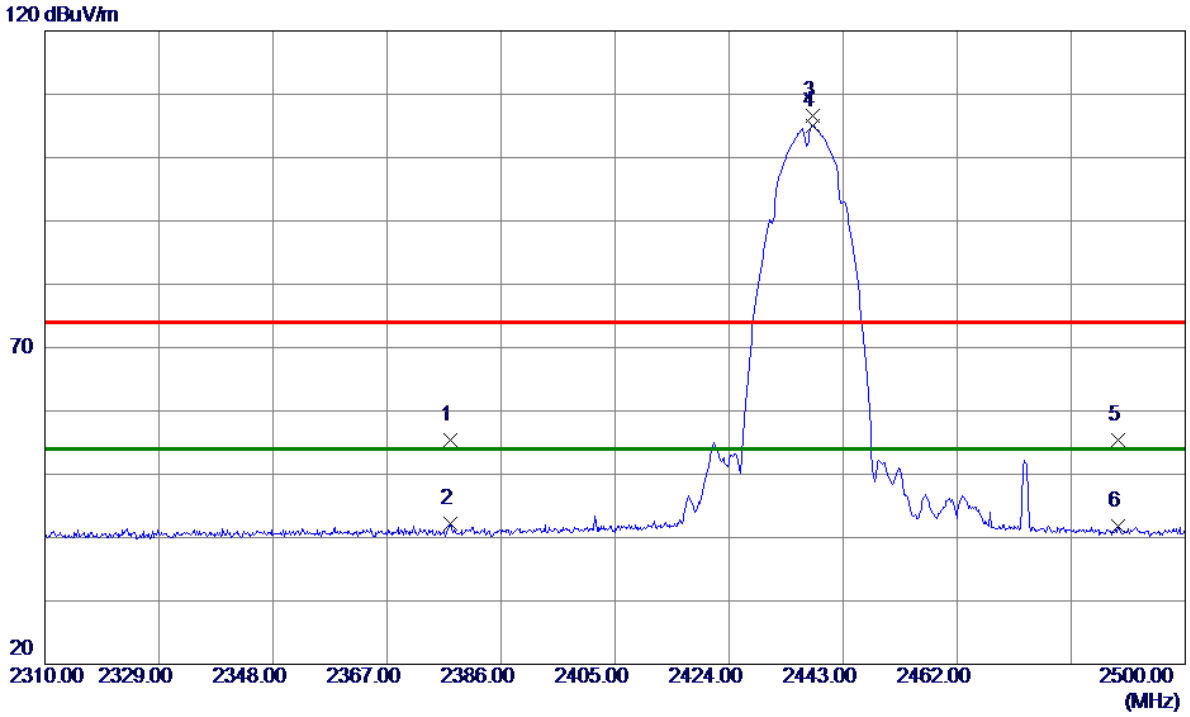
Test Mode	TX B Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.7250	52.54	-10.79	41.75	74.00	-32.25	Peak	

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

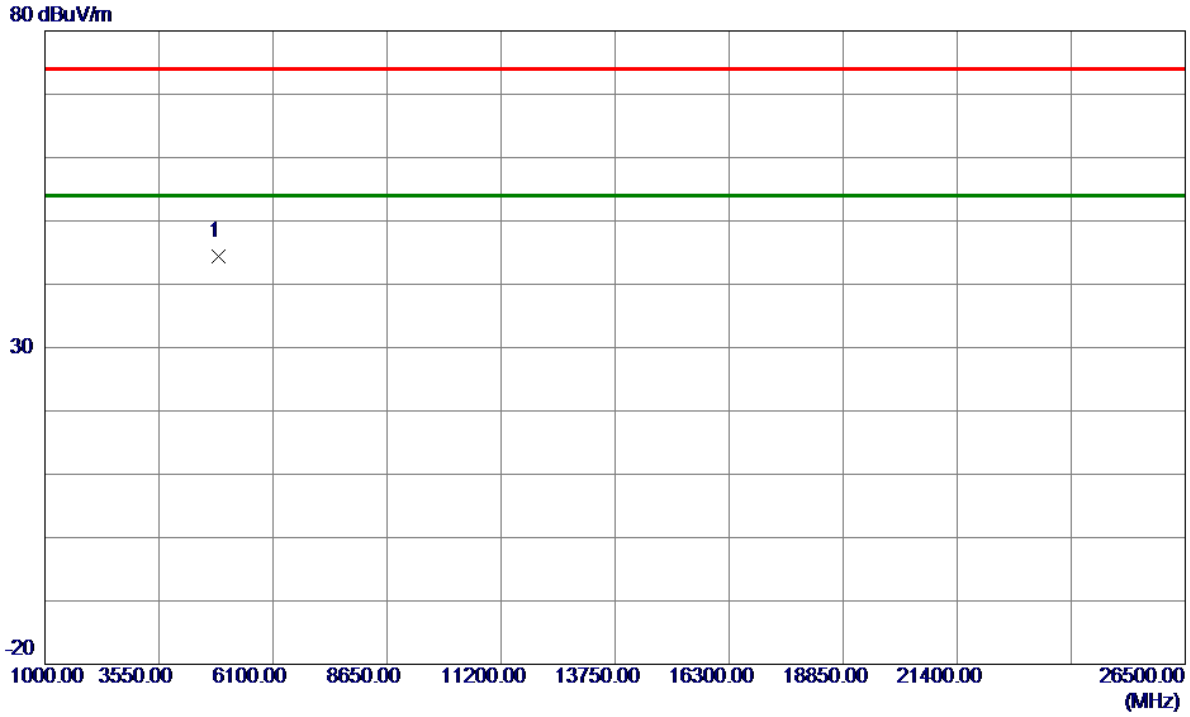
Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2377.6399	23.67	31.76	55.43	74.00	-18.57	Peak	
2	2377.6399	10.39	31.76	42.15	54.00	-11.85	AVG	
3	2437.9650	74.92	31.72	106.64	74.00	32.64	Peak	
4 *	2437.9650	73.28	31.72	105.00	54.00	51.00	AVG	
5	2488.8850	23.65	31.71	55.36	74.00	-18.64	Peak	
6	2488.8850	10.12	31.71	41.83	54.00	-12.17	AVG	

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

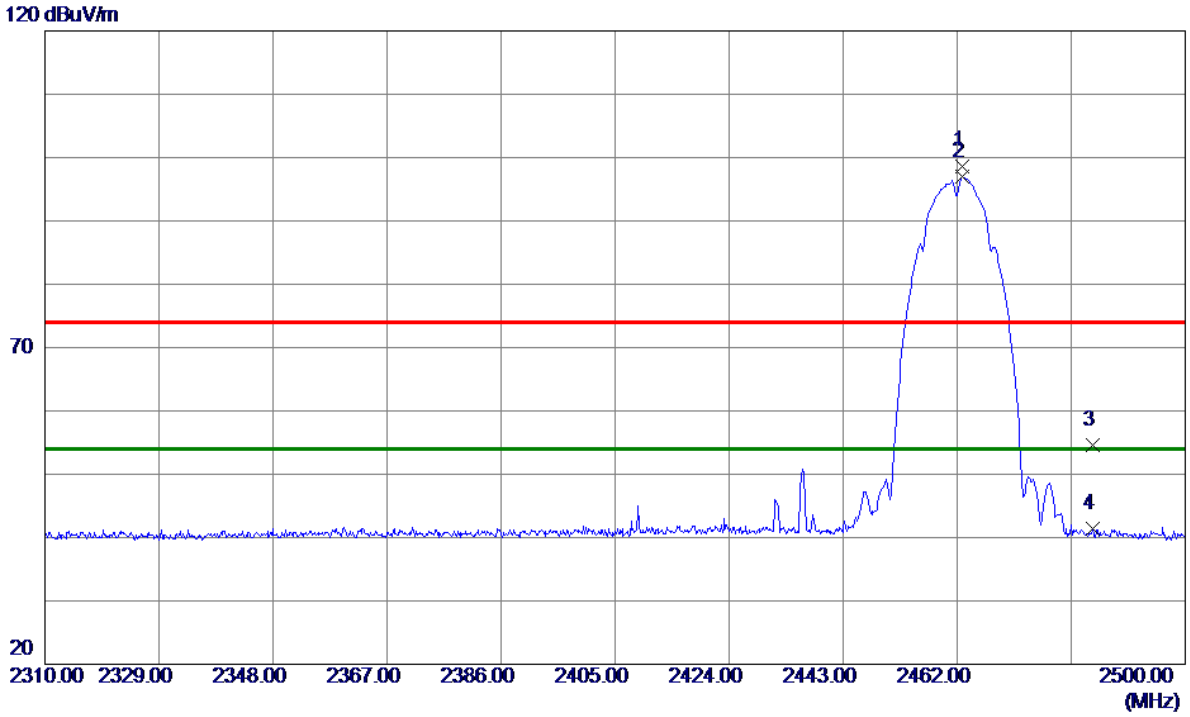
Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.7250	55.28	-10.79	44.49	74.00	-29.51	Peak	

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

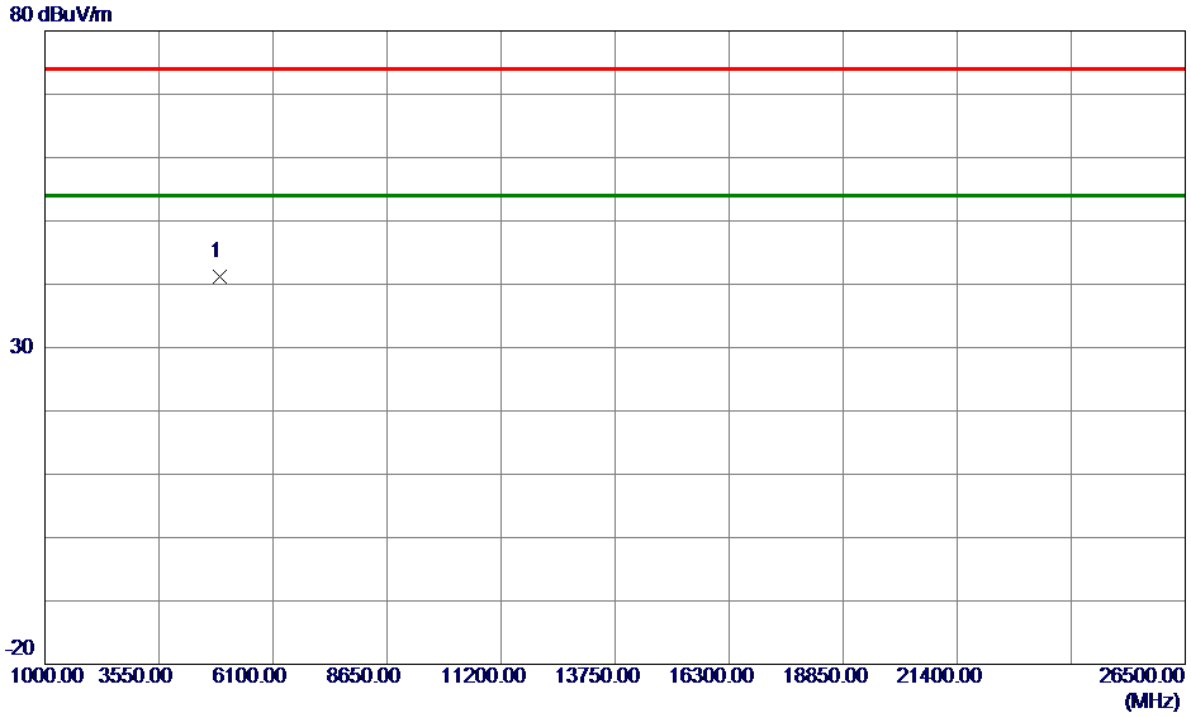
Test Mode	TX B Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.9500	66.99	31.71	98.70	74.00	24.70	Peak	
2 *	2462.9500	65.29	31.71	97.00	54.00	43.00	AVG	
3	2484.5149	22.87	31.71	54.58	74.00	-19.42	Peak	
4	2484.5149	9.65	31.71	41.36	54.00	-12.64	AVG	

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

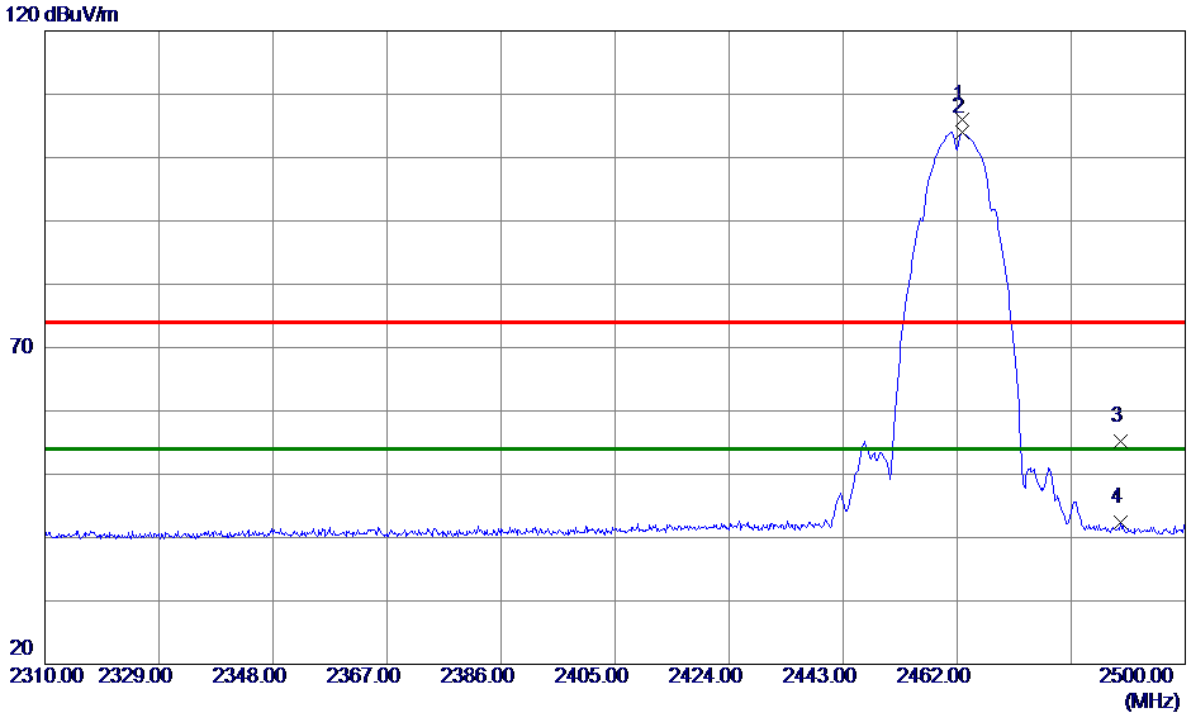
Test Mode	TX B Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	51.77	-10.63	41.14	74.00	-32.86	Peak	

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

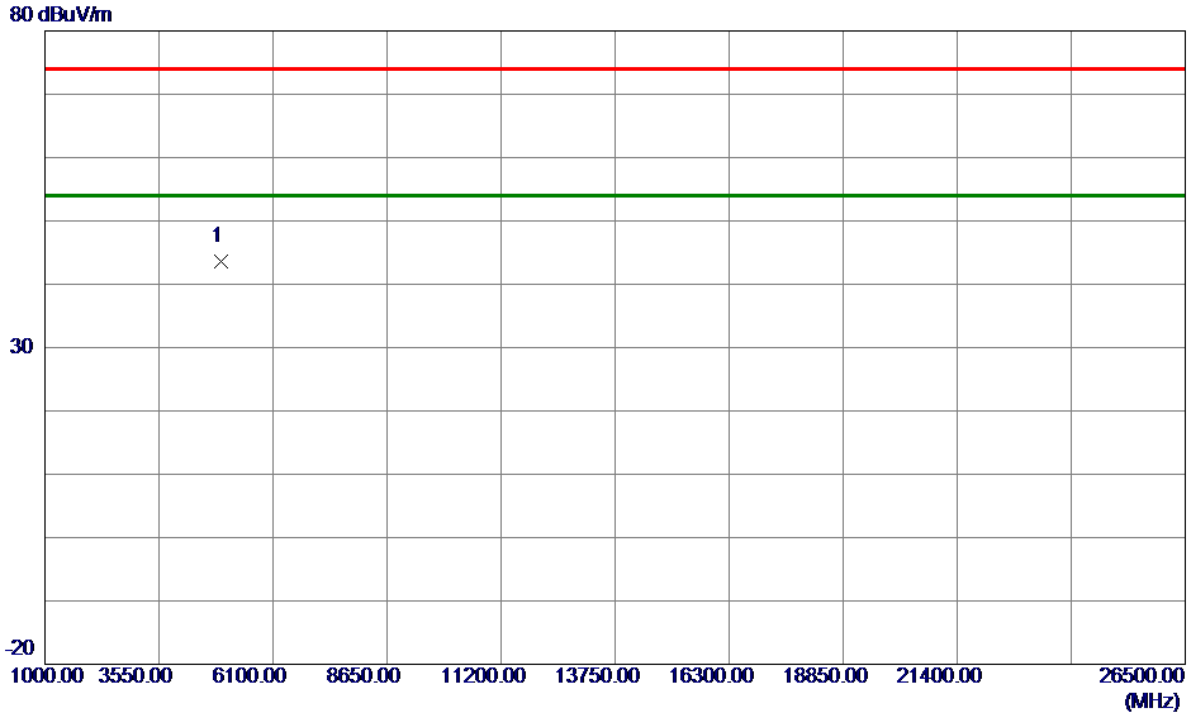
Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.9500	74.33	31.71	106.04	74.00	32.04	Peak	
2 *	2462.9500	72.36	31.71	104.07	54.00	50.07	AVG	
3	2489.1700	23.49	31.71	55.20	74.00	-18.80	Peak	
4	2489.1700	10.73	31.71	42.44	54.00	-11.56	AVG	

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

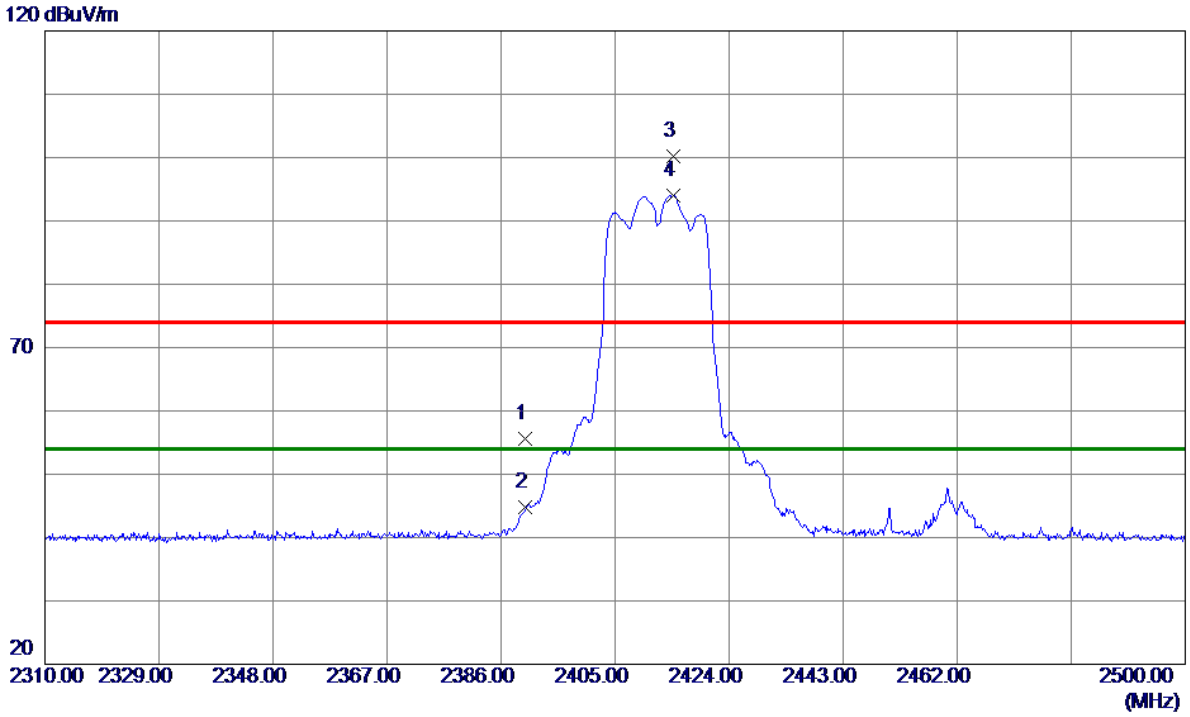
Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.4500	54.31	-10.62	43.69	74.00	-30.31	Peak	

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

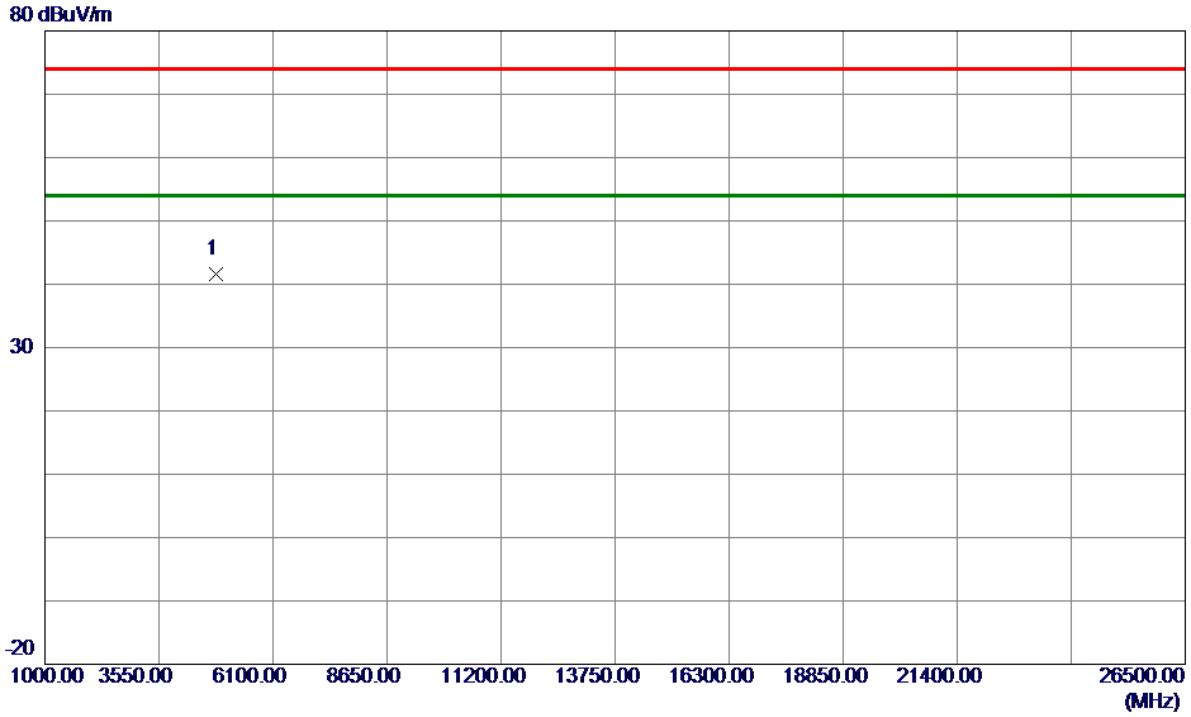
Test Mode	TX G Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	23.87	31.74	55.61	74.00	-18.39	Peak	
2	2390.0000	13.05	31.74	44.79	54.00	-9.21	AVG	
3	2414.7850	68.54	31.72	100.26	74.00	26.26	Peak	
4 *	2414.7850	62.22	31.72	93.94	54.00	39.94	AVG	

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

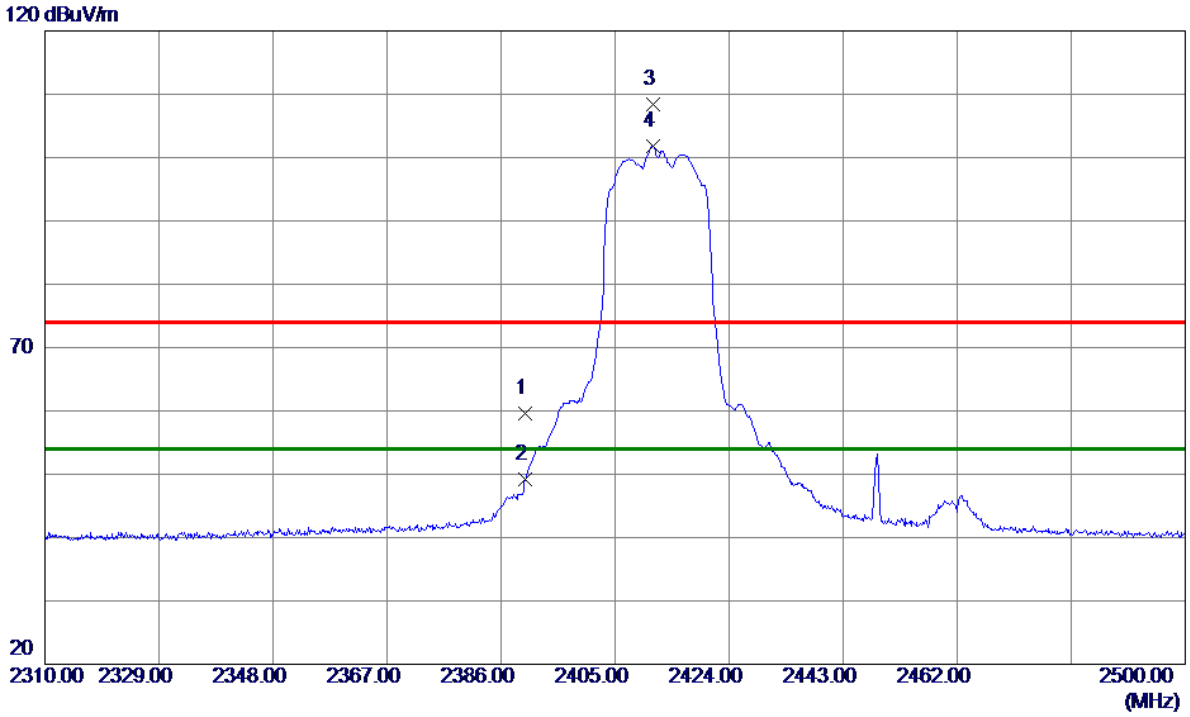
Test Mode	TX G Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0000	52.44	-10.91	41.53	74.00	-32.47	Peak	

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

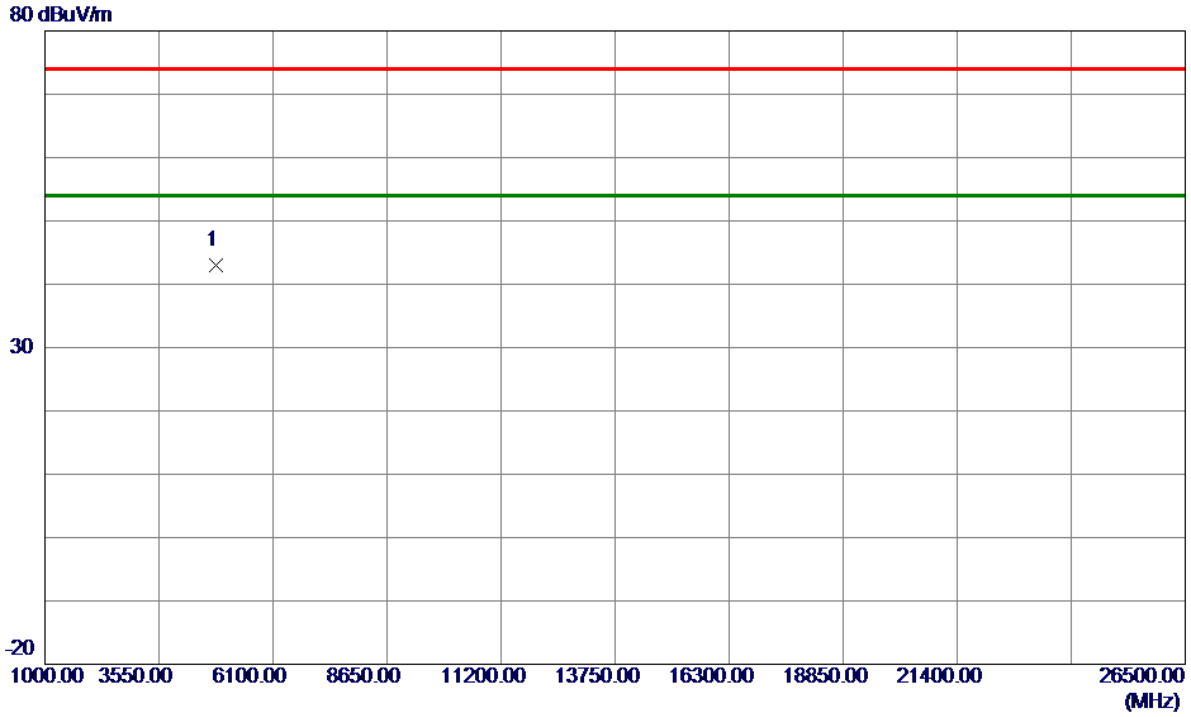
Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	27.81	31.74	59.55	74.00	-14.45	Peak	
2	2390.0000	17.48	31.74	49.22	54.00	-4.78	AVG	
3	2411.2700	76.76	31.72	108.48	74.00	34.48	Peak	
4 *	2411.2700	70.16	31.72	101.88	54.00	47.88	AVG	

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

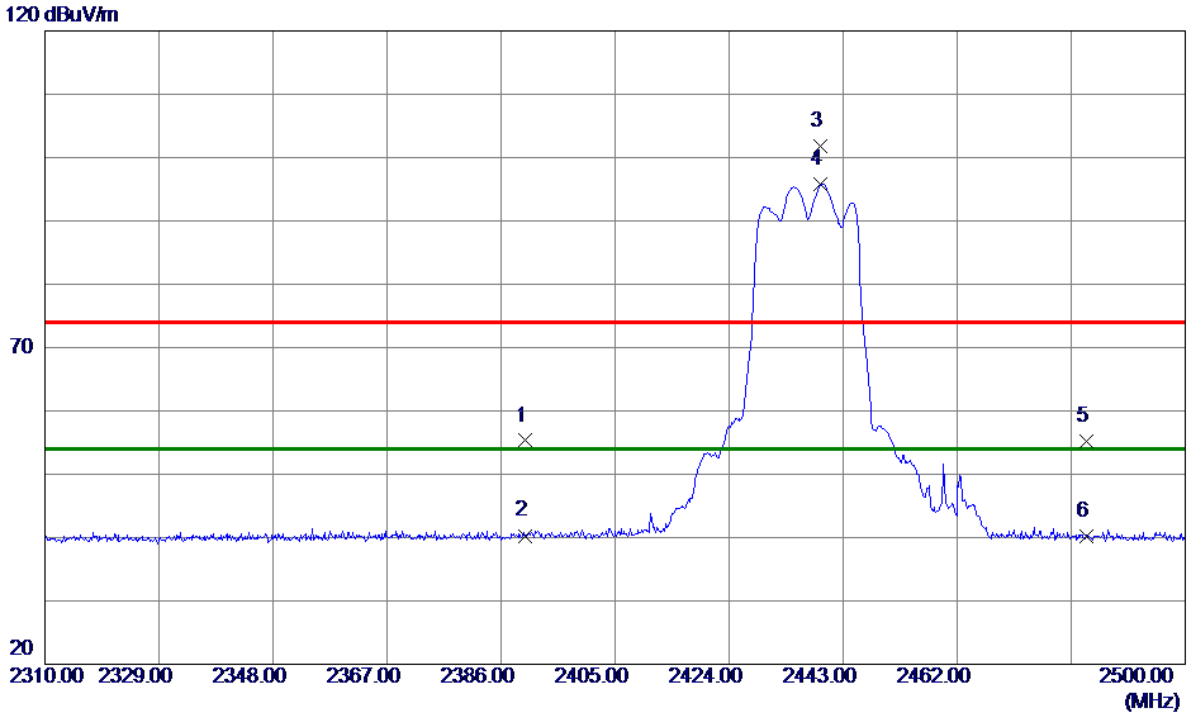
Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4828.8250	53.87	-10.90	42.97	74.00	-31.03	Peak	

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

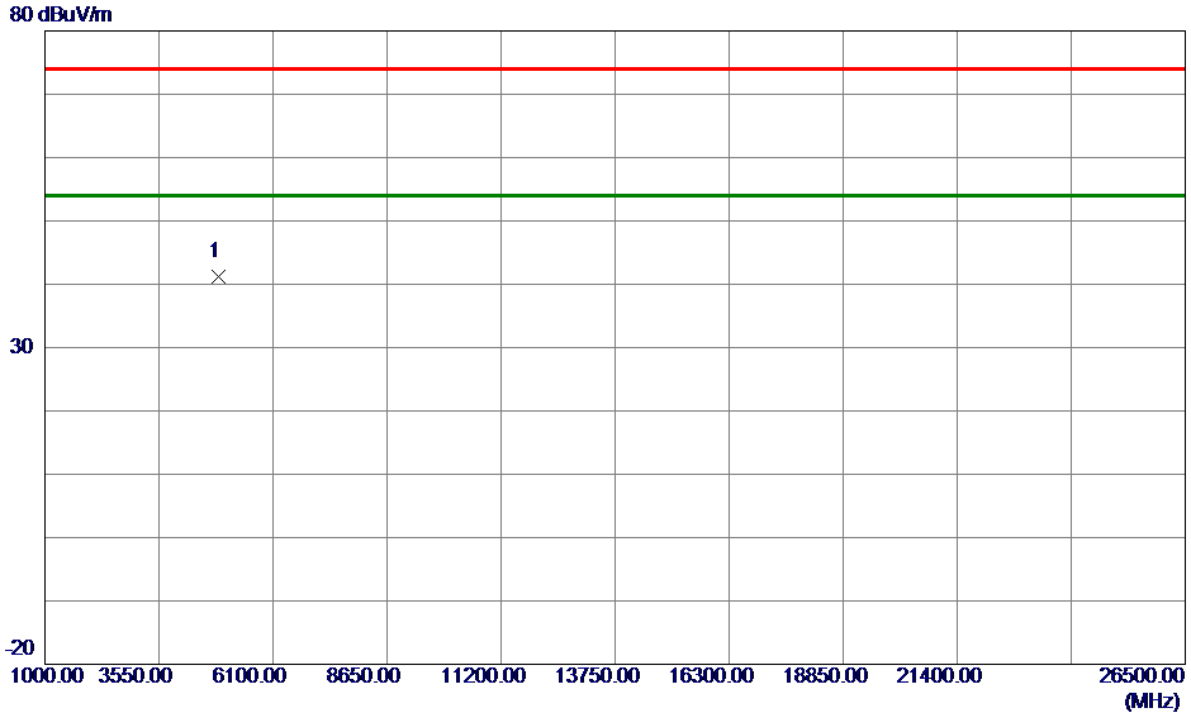
Test Mode	TX G Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	23.56	31.74	55.30	74.00	-18.70	Peak	
2	2390.0000	8.56	31.74	40.30	54.00	-13.70	AVG	
3	2439.2950	70.17	31.72	101.89	74.00	27.89	Peak	
4 *	2439.2950	64.10	31.72	95.82	54.00	41.82	AVG	
5	2483.5000	23.44	31.71	55.15	74.00	-18.85	Peak	
6	2483.5000	8.41	31.71	40.12	54.00	-13.88	AVG	

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

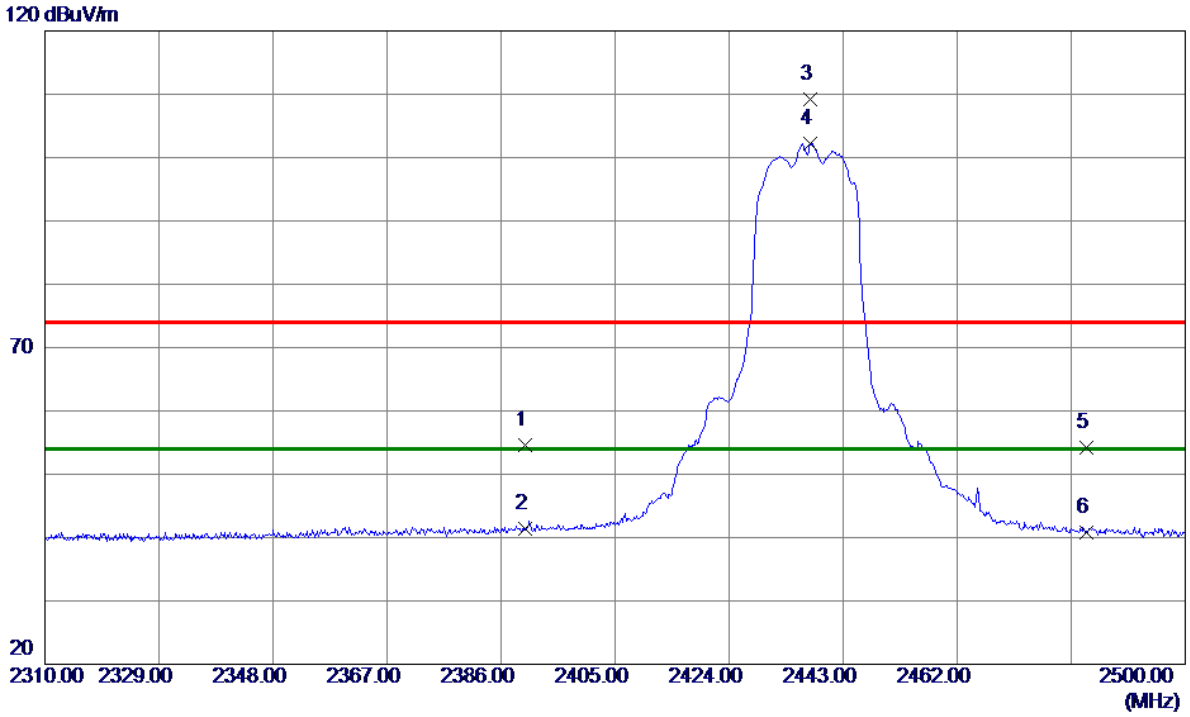
Test Mode	TX G Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	52.04	-10.79	41.25	74.00	-32.75	Peak	

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

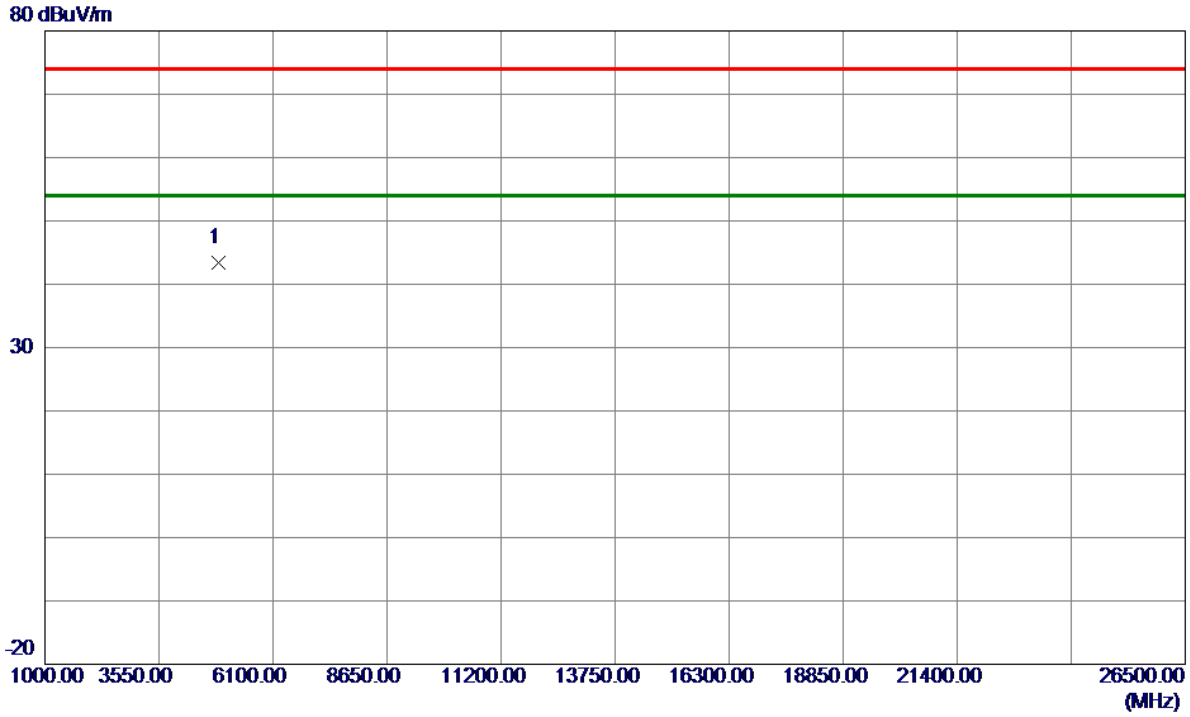
Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	22.95	31.74	54.69	74.00	-19.31	Peak	
2	2390.0000	9.69	31.74	41.43	54.00	-12.57	AVG	
3	2437.5850	77.45	31.72	109.17	74.00	35.17	Peak	
4 *	2437.5850	70.54	31.72	102.26	54.00	48.26	AVG	
5	2483.5000	22.44	31.71	54.15	74.00	-19.85	Peak	
6	2483.5000	9.17	31.71	40.88	54.00	-13.12	AVG	

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

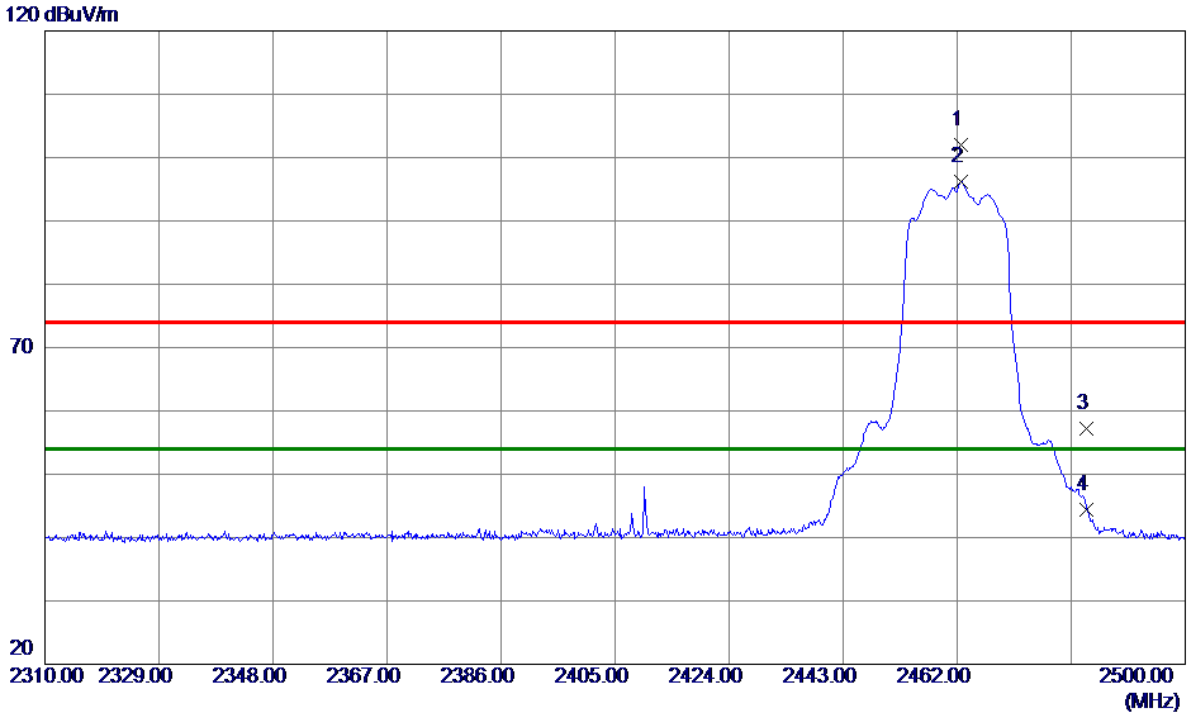
Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4879.8250	54.15	-10.78	43.37	74.00	-30.63	Peak	

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

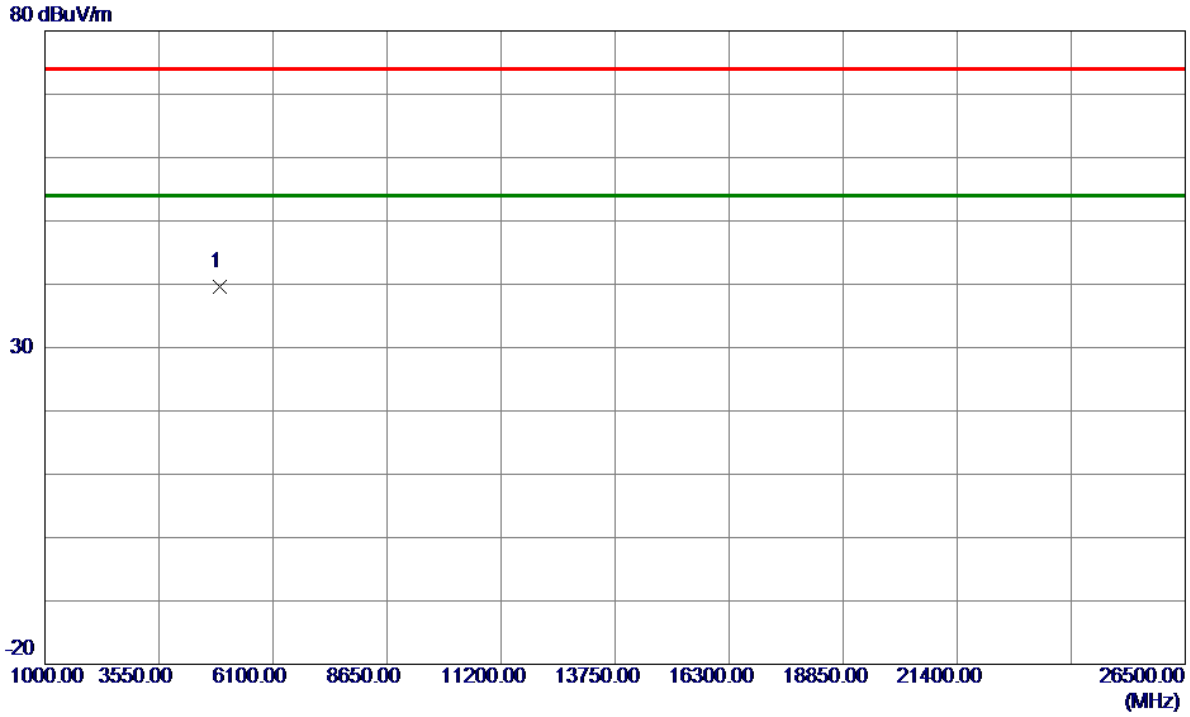
Test Mode	TX G Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.6650	70.37	31.71	102.08	74.00	28.08	Peak	
2 *	2462.6650	64.56	31.71	96.27	54.00	42.27	AVG	
3	2483.5000	25.45	31.71	57.16	74.00	-16.84	Peak	
4	2483.5000	12.75	31.71	44.46	54.00	-9.54	AVG	

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

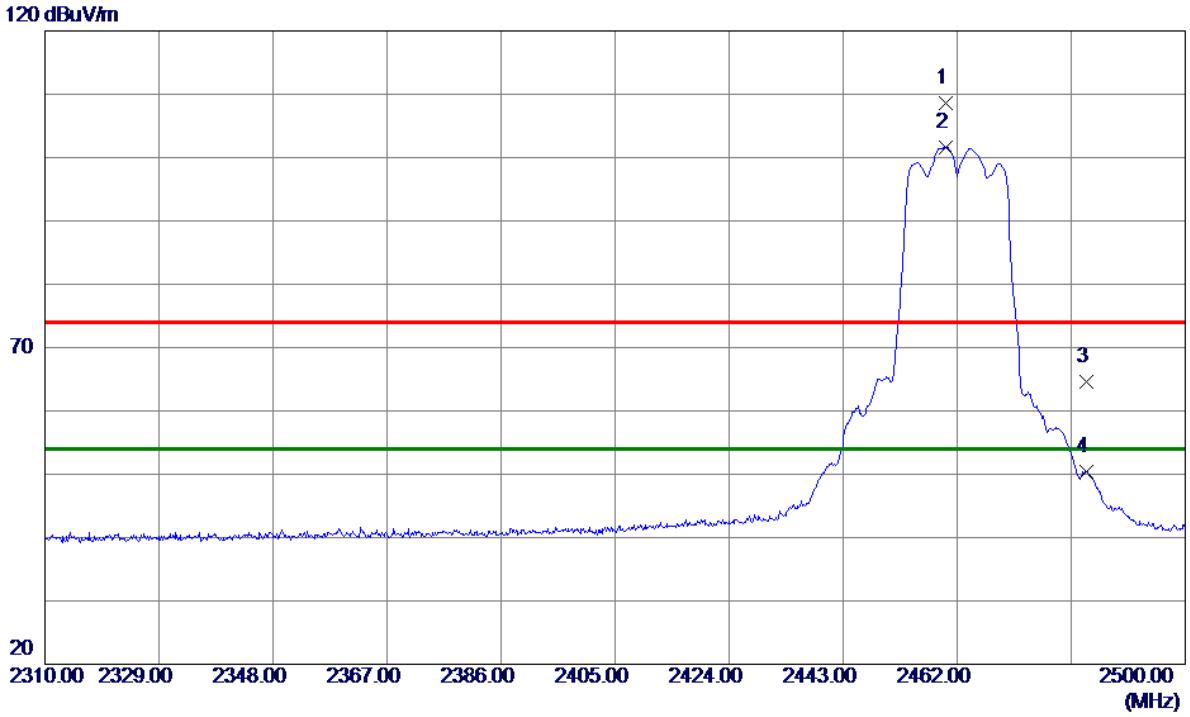
Test Mode	TX G Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	50.25	-10.63	39.62	74.00	-34.38	Peak	

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

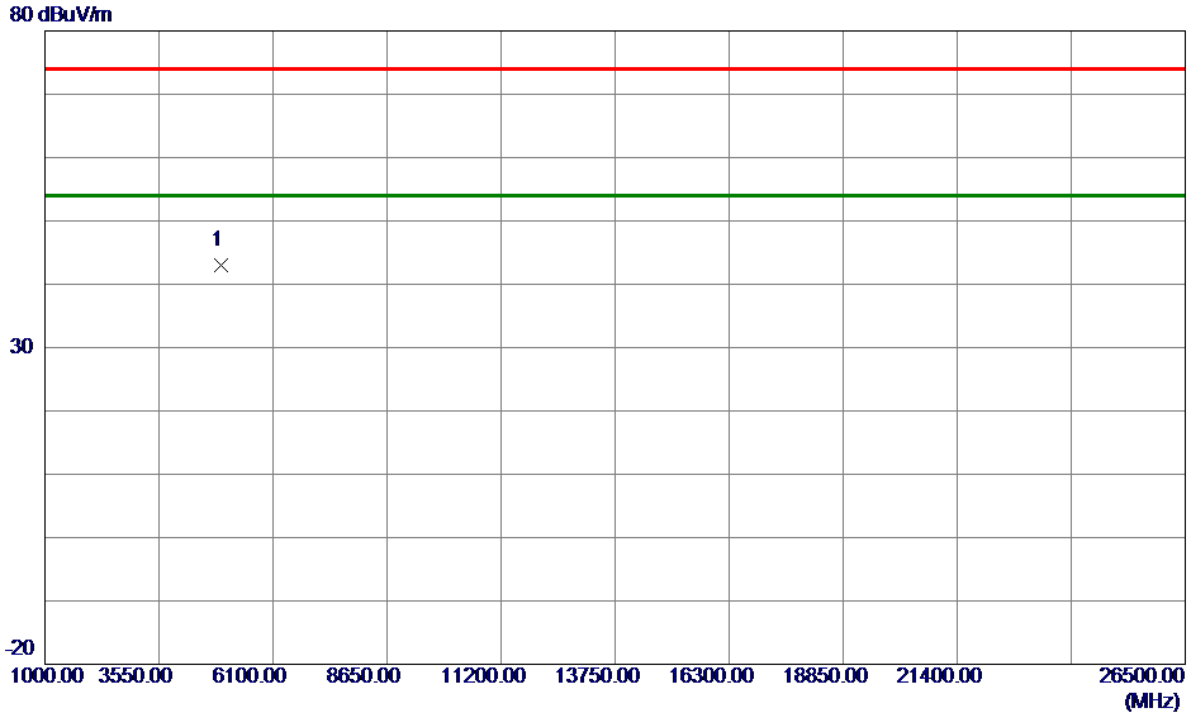
Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2460.0049	76.86	31.71	108.57	74.00	34.57	Peak	
2 *	2460.0049	69.94	31.71	101.65	54.00	47.65	AVG	
3	2483.5000	32.95	31.71	64.66	74.00	-9.34	Peak	
4	2483.5000	18.61	31.71	50.32	54.00	-3.68	AVG	

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

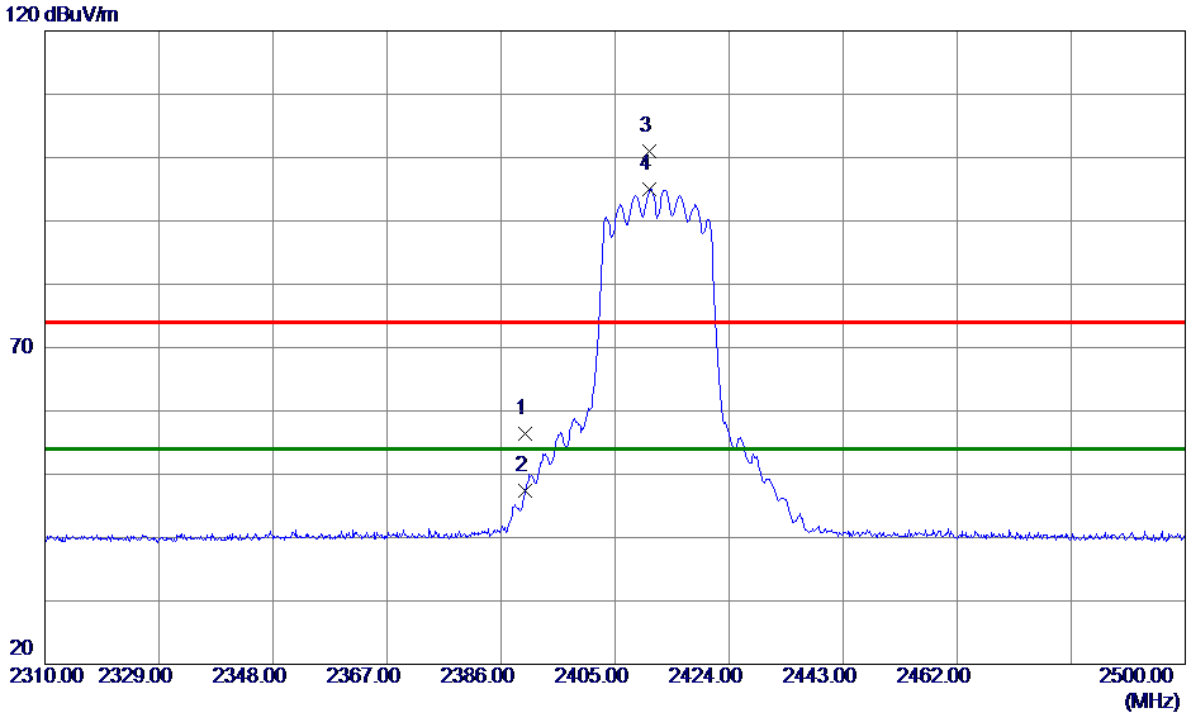
Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4929.5500	53.67	-10.60	43.07	74.00	-30.93	Peak	

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

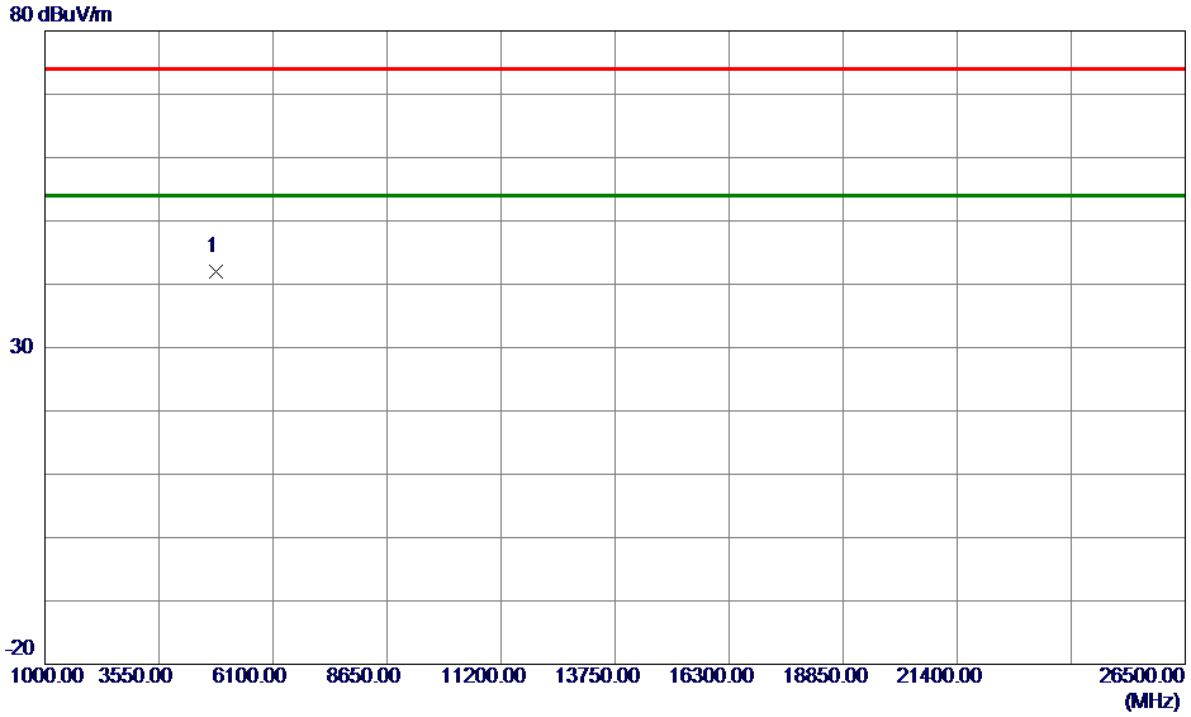
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	24.75	31.74	56.49	74.00	-17.51	Peak	
2	2390.0000	15.59	31.74	47.33	54.00	-6.67	AVG	
3	2410.7950	69.27	31.72	100.99	74.00	26.99	Peak	
4 *	2410.7950	63.35	31.72	95.07	54.00	41.07	AVG	

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

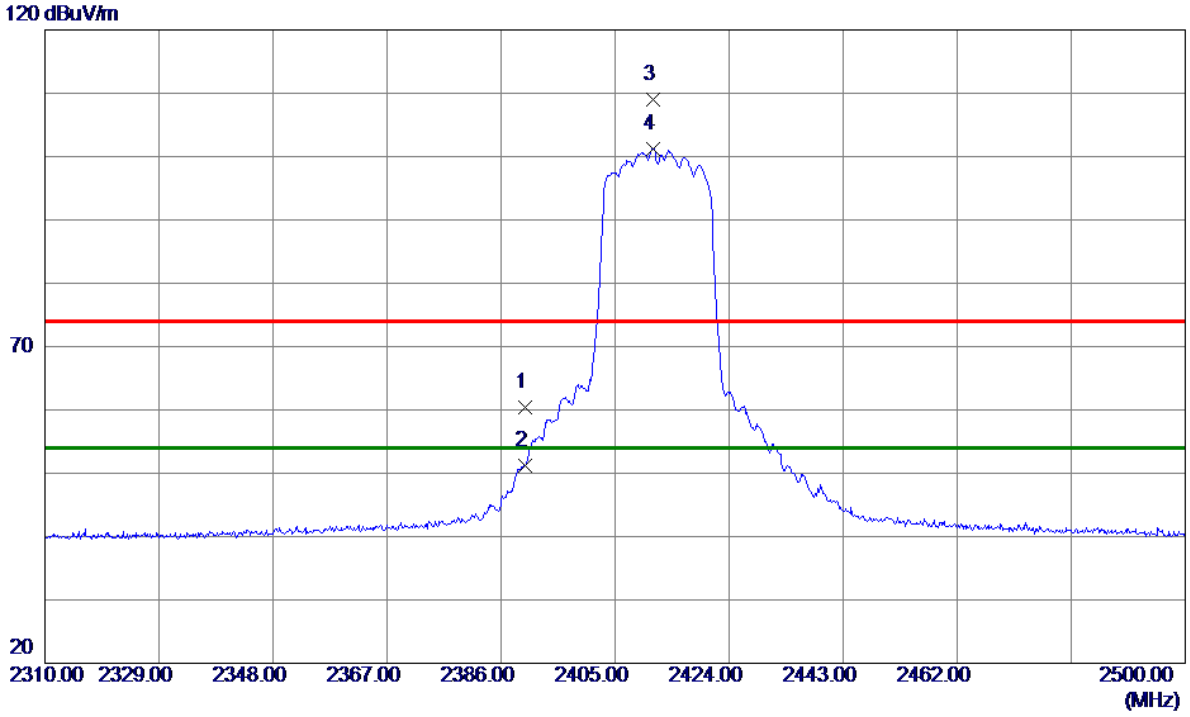
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.7250	52.82	-10.91	41.91	74.00	-32.09	Peak	

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

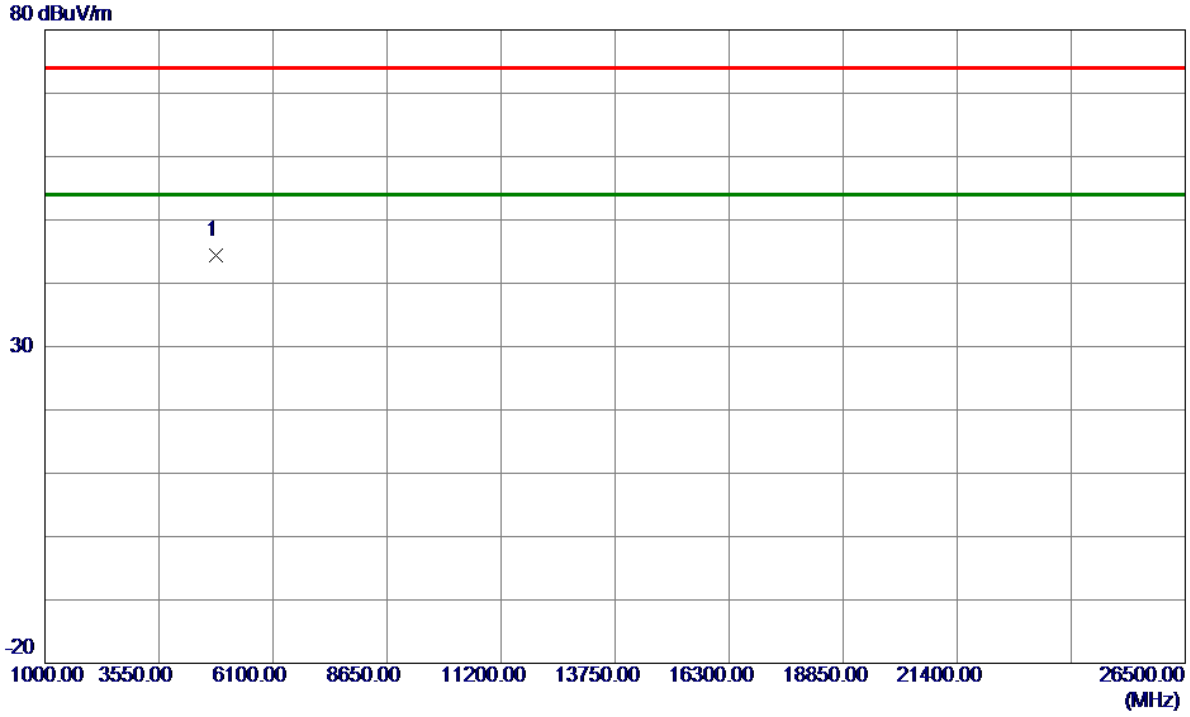
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	28.57	31.74	60.31	74.00	-13.69	Peak	
2	2390.0000	19.44	31.74	51.18	54.00	-2.82	AVG	
3	2411.3650	77.29	31.72	109.01	74.00	35.01	Peak	
4 *	2411.3650	69.55	31.72	101.27	54.00	47.27	AVG	

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

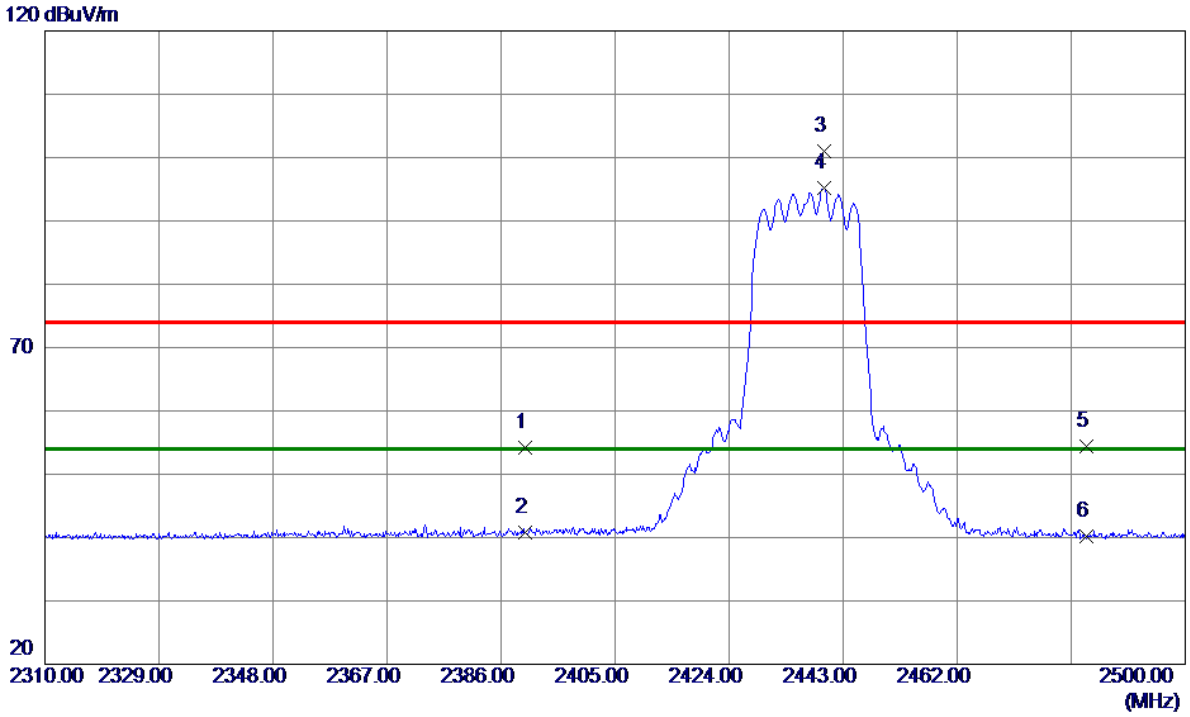
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4819.9000	55.26	-10.92	44.34	74.00	-29.66	Peak	

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

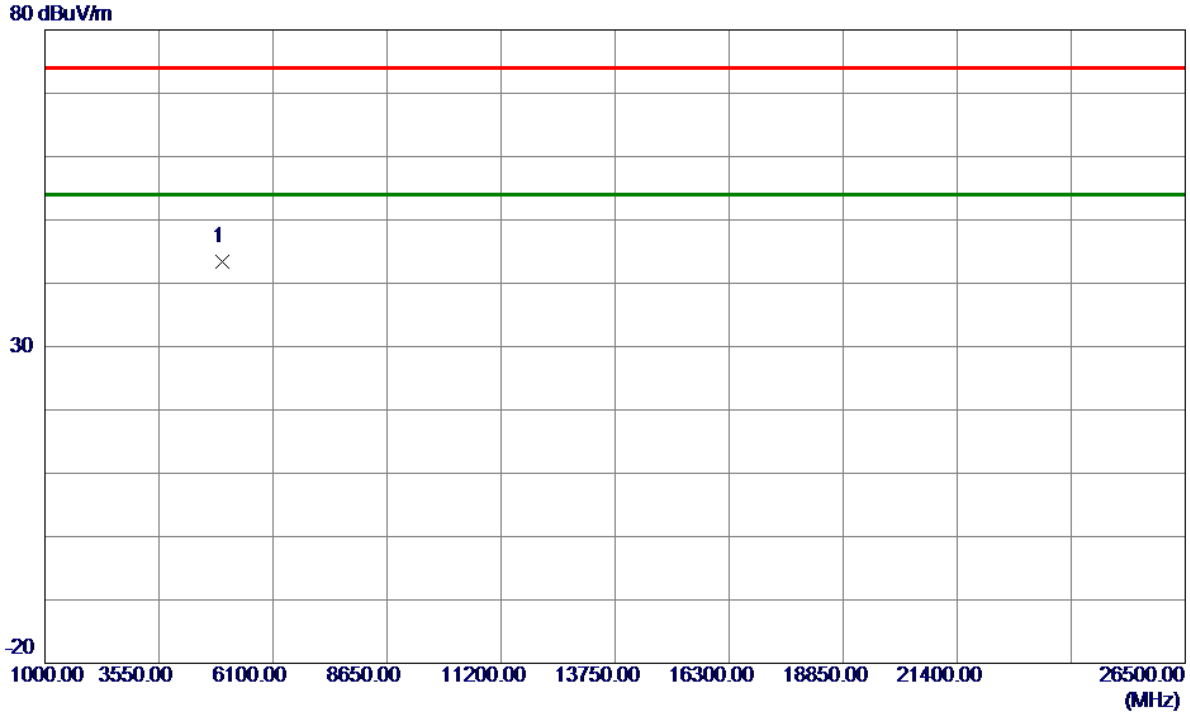
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	22.51	31.74	54.25	74.00	-19.75	Peak	
2	2390.0000	9.04	31.74	40.78	54.00	-13.22	AVG	
3	2439.7700	69.18	31.72	100.90	74.00	26.90	Peak	
4 *	2439.7700	63.45	31.72	95.17	54.00	41.17	AVG	
5	2483.5000	22.66	31.71	54.37	74.00	-19.63	Peak	
6	2483.5000	8.49	31.71	40.20	54.00	-13.80	AVG	

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

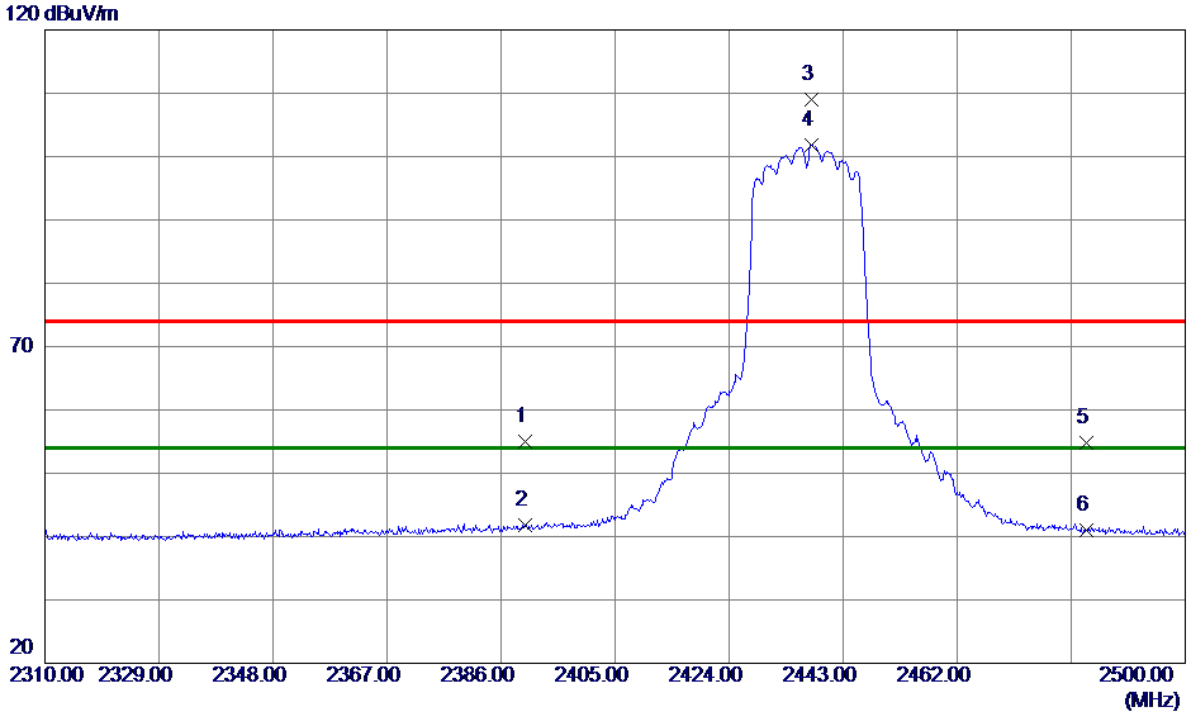
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4978.0000	53.69	-10.38	43.31	74.00	-30.69	Peak	

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

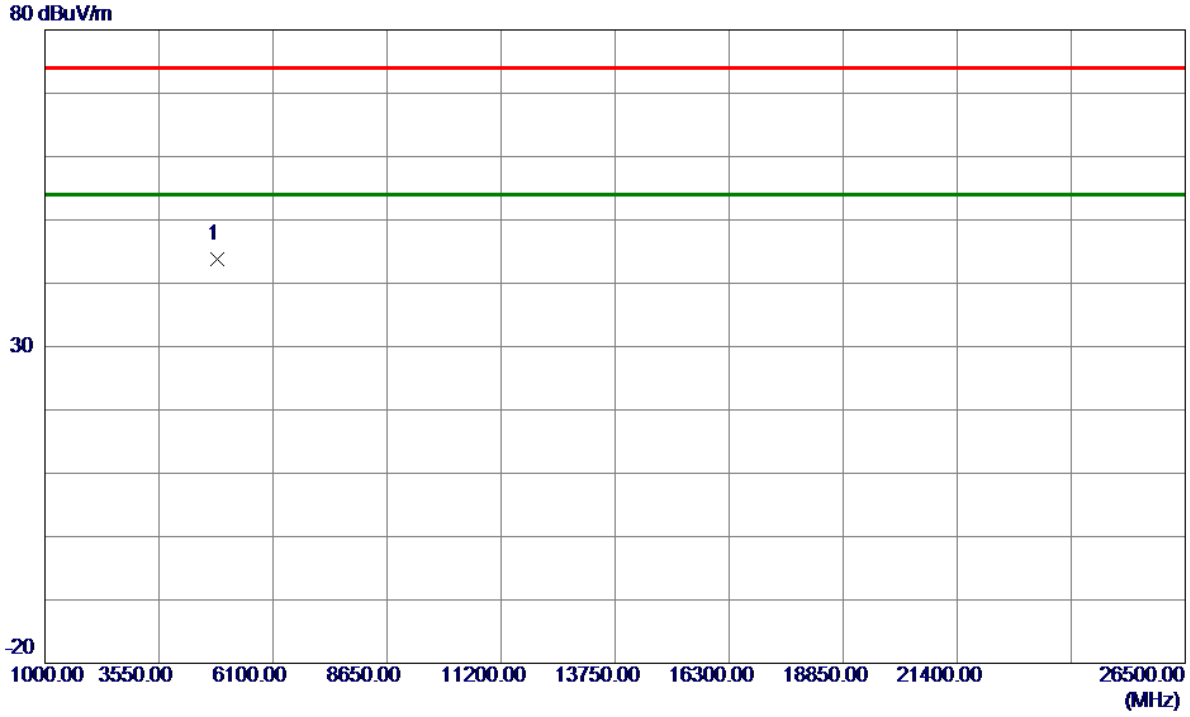
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	23.25	31.74	54.99	74.00	-19.01	Peak	
2	2390.0000	10.11	31.74	41.85	54.00	-12.15	AVG	
3	2437.6800	77.22	31.72	108.94	74.00	34.94	Peak	
4 *	2437.6800	70.04	31.72	101.76	54.00	47.76	AVG	
5	2483.5000	23.10	31.71	54.81	74.00	-19.19	Peak	
6	2483.5000	9.20	31.71	40.91	54.00	-13.09	AVG	

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

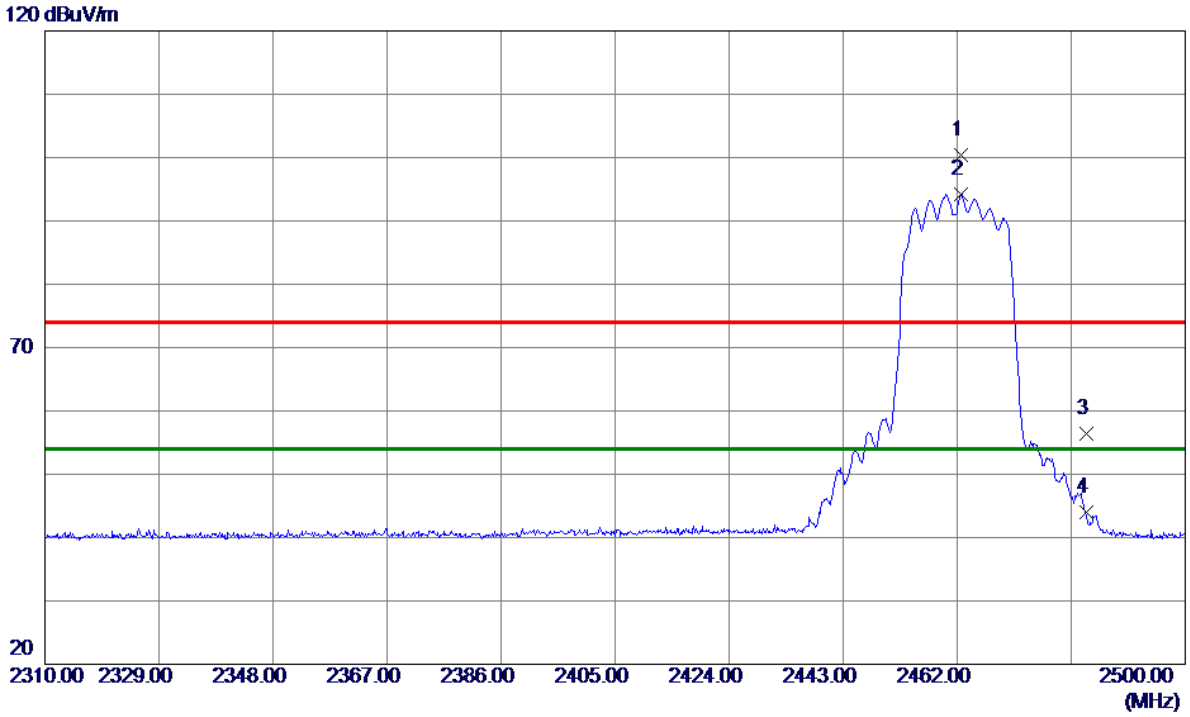
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4867.0750	54.60	-10.81	43.79	74.00	-30.21	Peak	

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

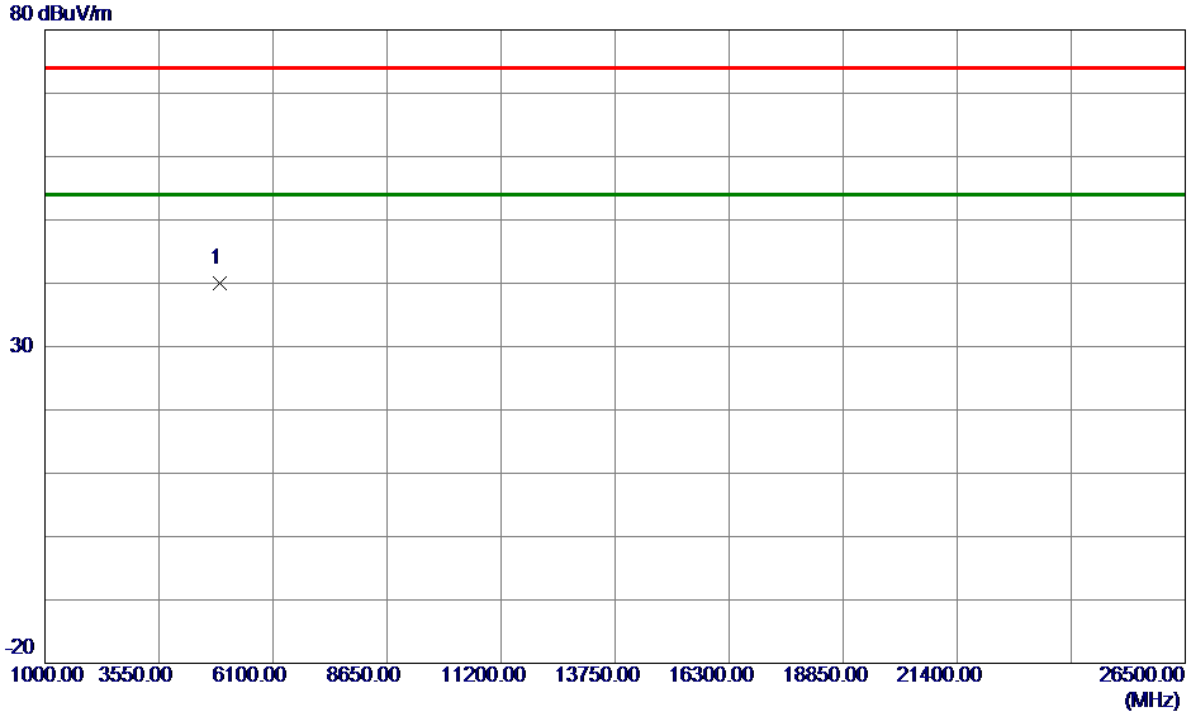
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.6650	68.76	31.71	100.47	74.00	26.47	Peak	
2 *	2462.6650	62.51	31.71	94.22	54.00	40.22	AVG	
3	2483.5000	24.69	31.71	56.40	74.00	-17.60	Peak	
4	2483.5000	12.23	31.71	43.94	54.00	-10.06	AVG	

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

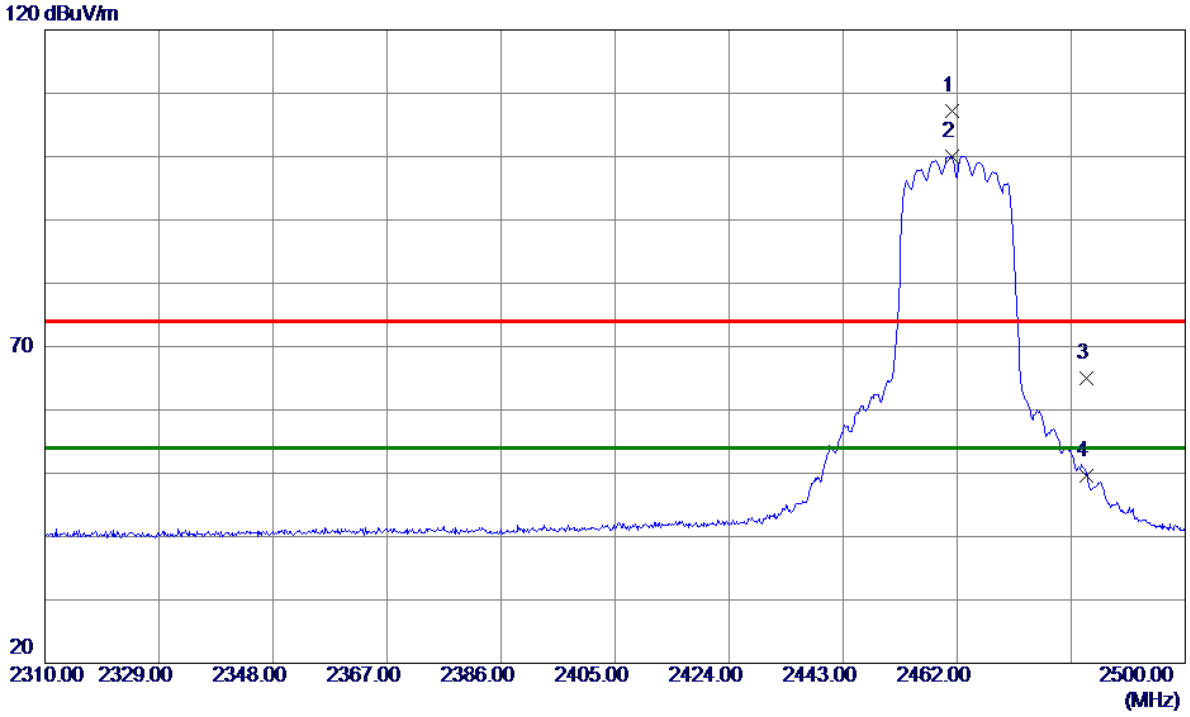
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4920.6250	50.71	-10.64	40.07	74.00	-33.93	Peak	

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

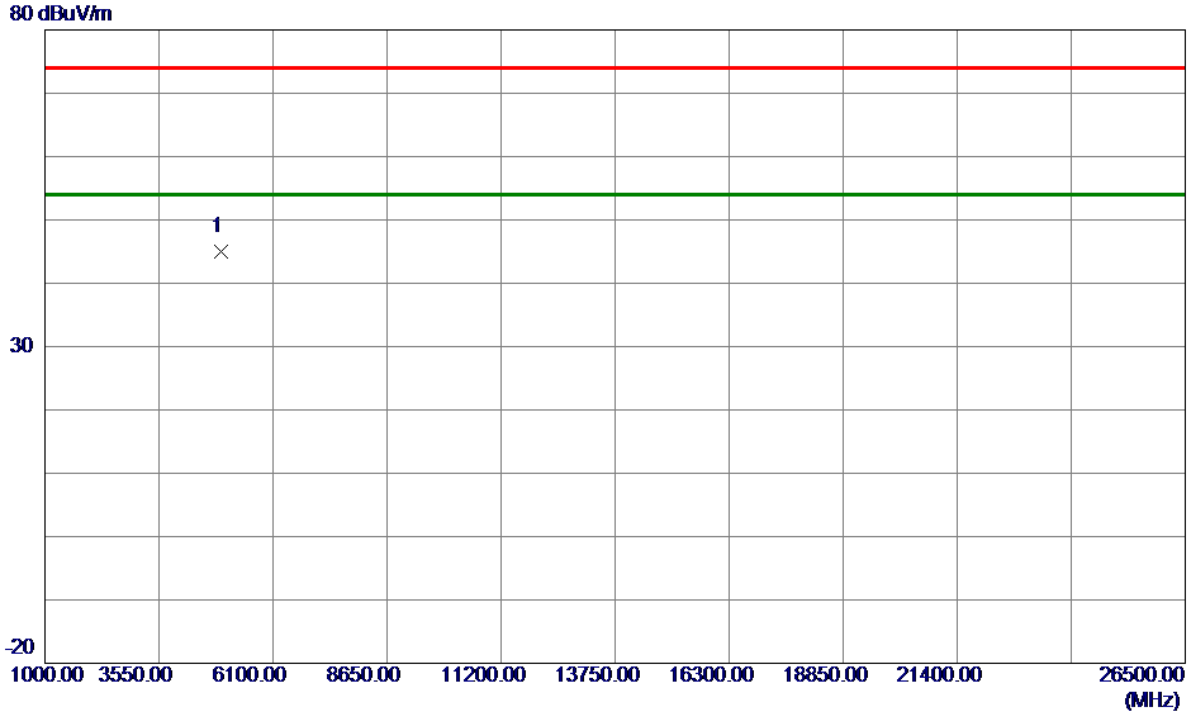
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2461.1450	75.45	31.71	107.16	74.00	33.16	Peak	
2 *	2461.1450	68.38	31.71	100.09	54.00	46.09	AVG	
3	2483.5000	33.23	31.71	64.94	74.00	-9.06	Peak	
4	2483.5000	17.96	31.71	49.67	54.00	-4.33	AVG	

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

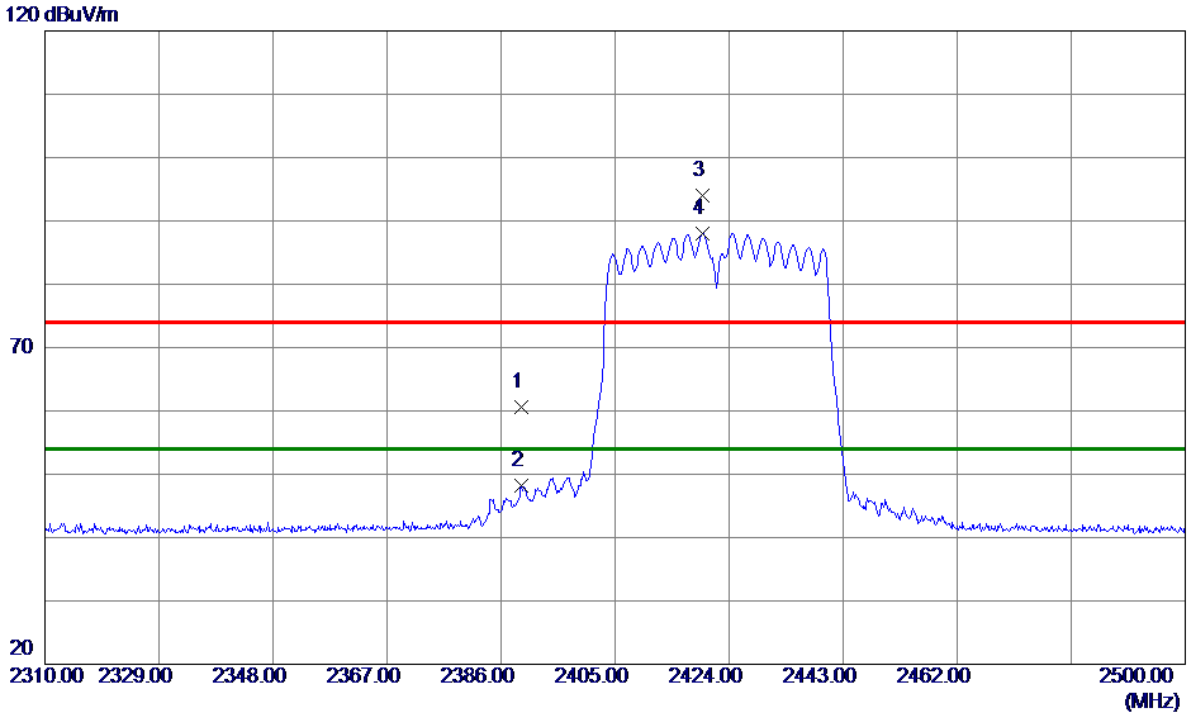
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.4500	55.56	-10.62	44.94	74.00	-29.06	Peak	

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

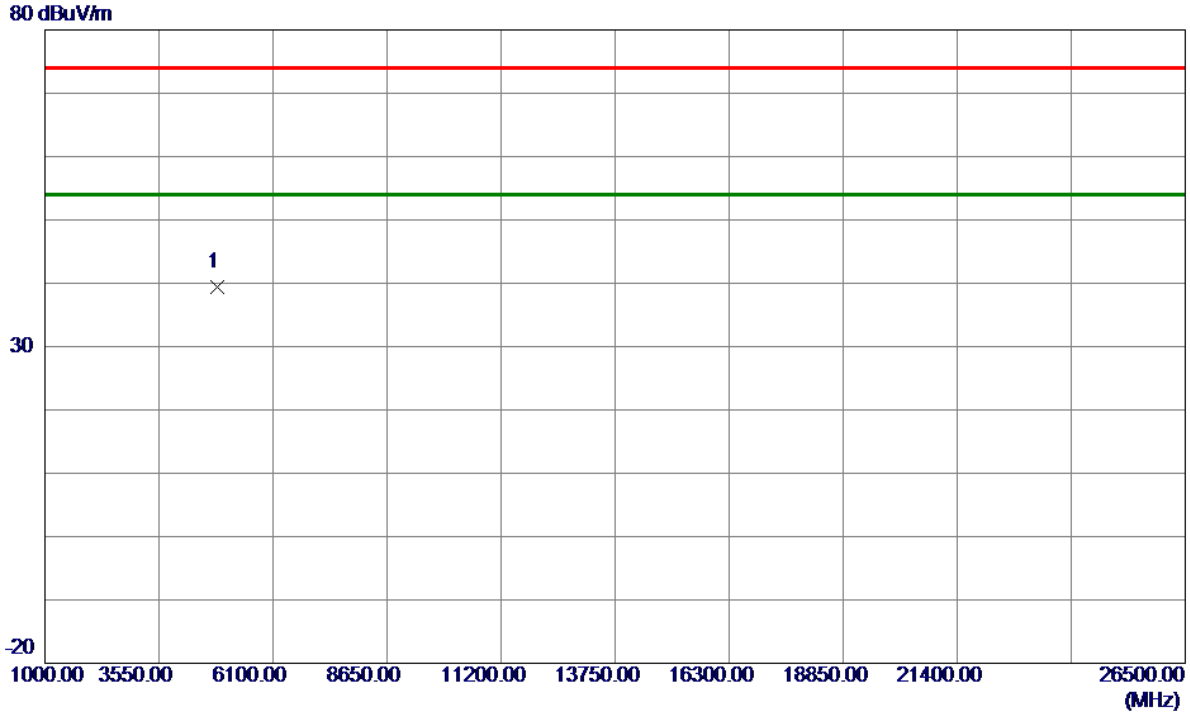
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.4200	28.92	31.74	60.66	74.00	-13.34	Peak	
2	2389.4200	16.54	31.74	48.28	54.00	-5.72	AVG	
3	2419.6299	62.36	31.72	94.08	74.00	20.08	Peak	
4 *	2419.6299	56.35	31.72	88.07	54.00	34.07	AVG	

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

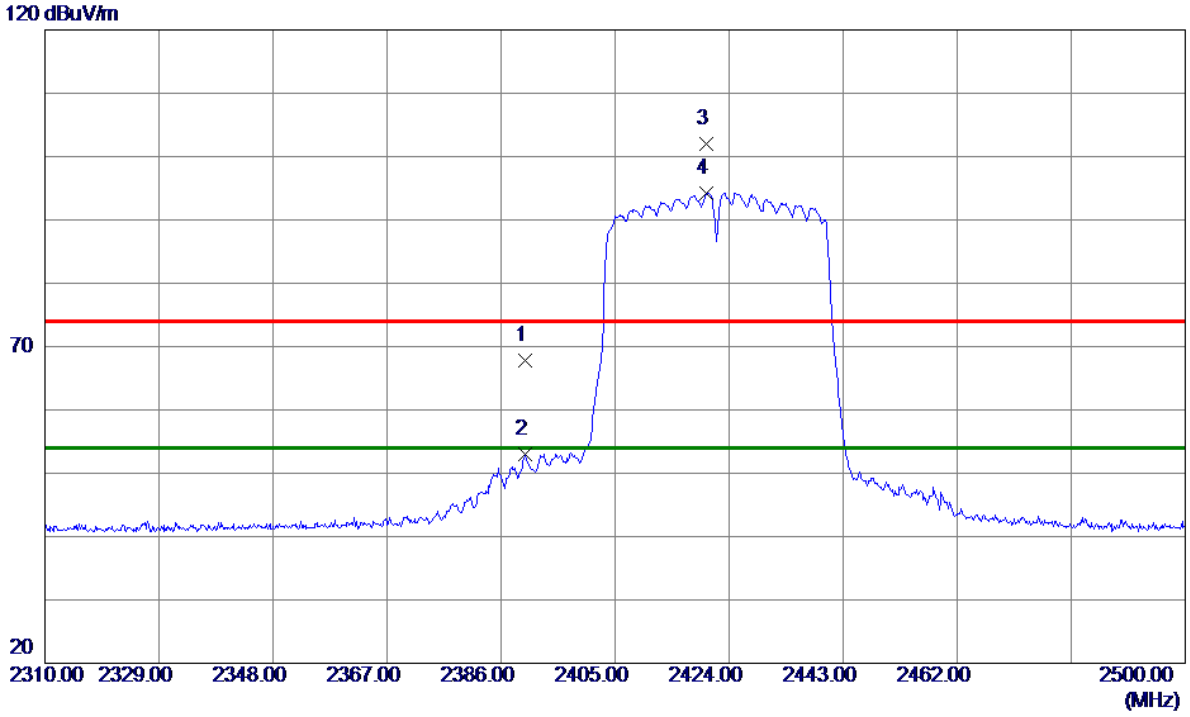
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.0000	50.19	-10.86	39.33	74.00	-34.67	Peak	

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

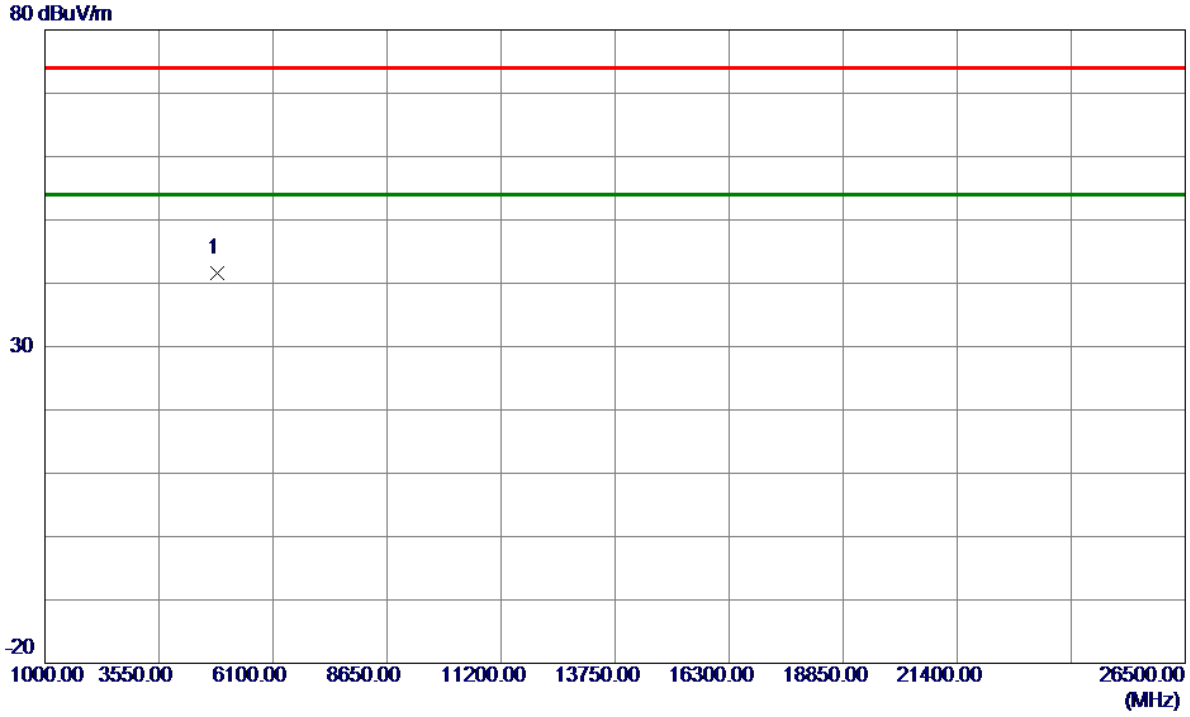
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	36.02	31.74	67.76	74.00	-6.24	Peak	
2	2390.0000	21.31	31.74	53.05	54.00	-0.95	AVG	
3	2420.2000	70.22	31.72	101.94	74.00	27.94	Peak	
4 *	2420.2000	62.53	31.72	94.25	54.00	40.25	AVG	

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

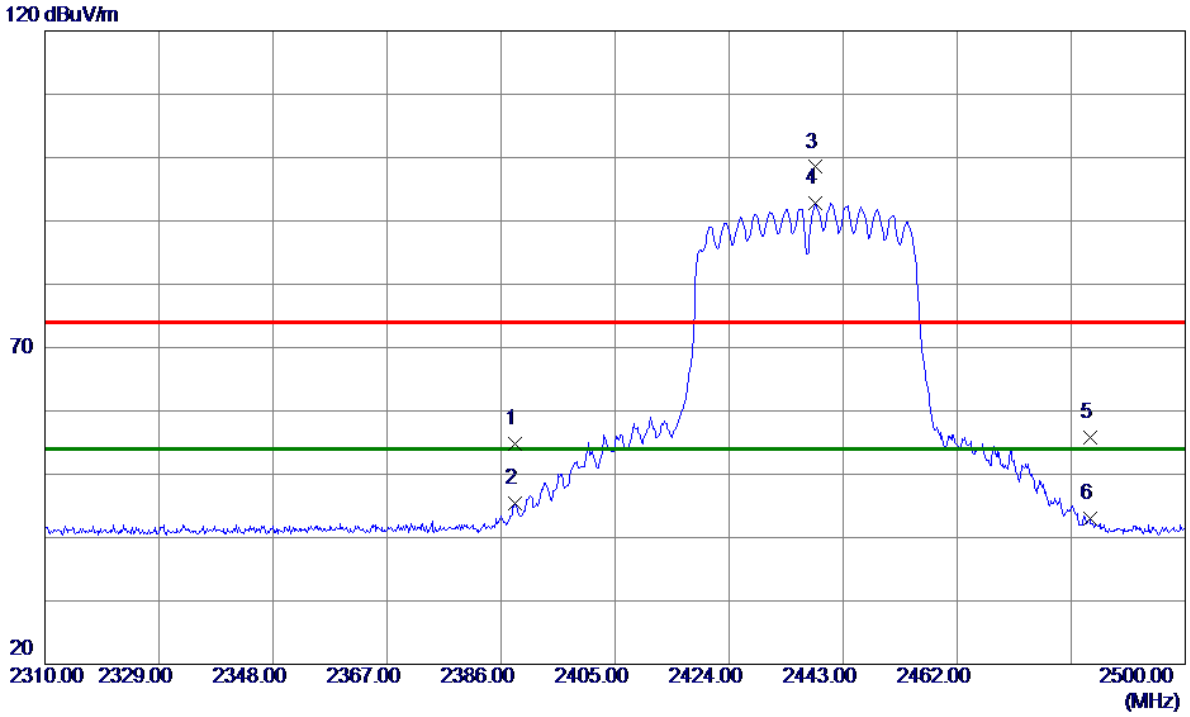
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.1250	52.43	-10.86	41.57	74.00	-32.43	Peak	

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

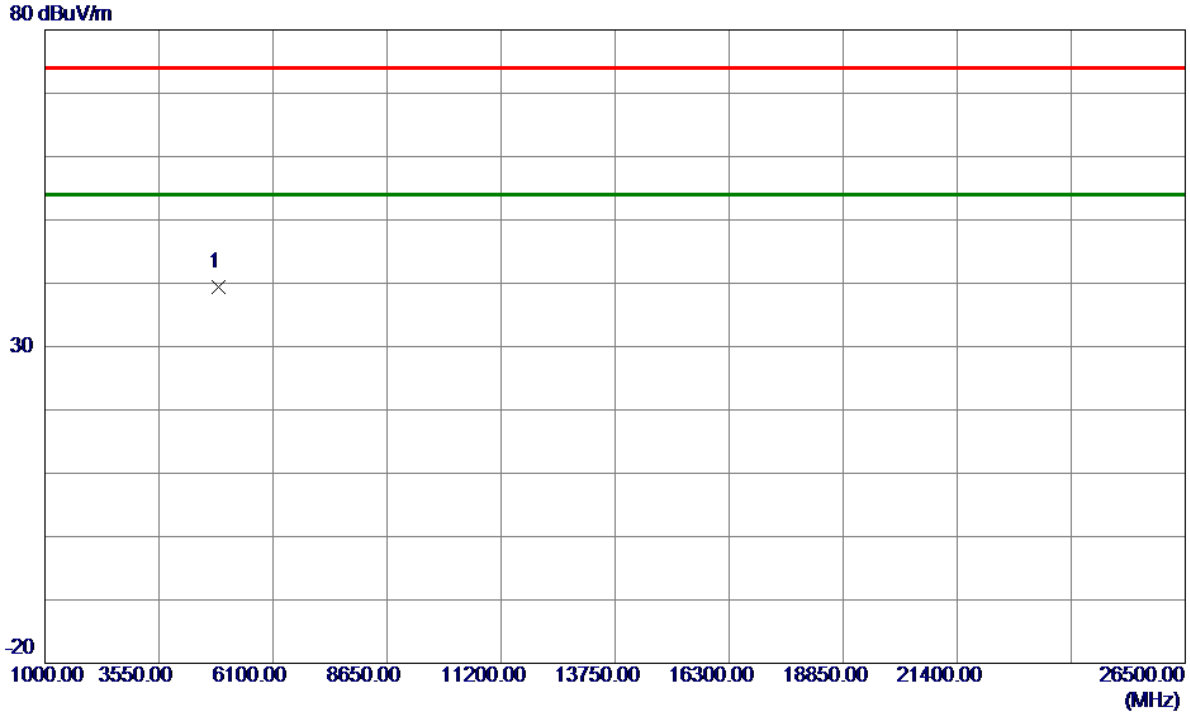
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2388.2800	22.99	31.74	54.73	74.00	-19.27	Peak	
2	2388.2800	13.61	31.74	45.35	54.00	-8.65	AVG	
3	2438.4400	66.78	31.72	98.50	74.00	24.50	Peak	
4 *	2438.4400	61.06	31.72	92.78	54.00	38.78	AVG	
5	2484.1350	24.10	31.71	55.81	74.00	-18.19	Peak	
6	2484.1350	11.28	31.71	42.99	54.00	-11.01	AVG	

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

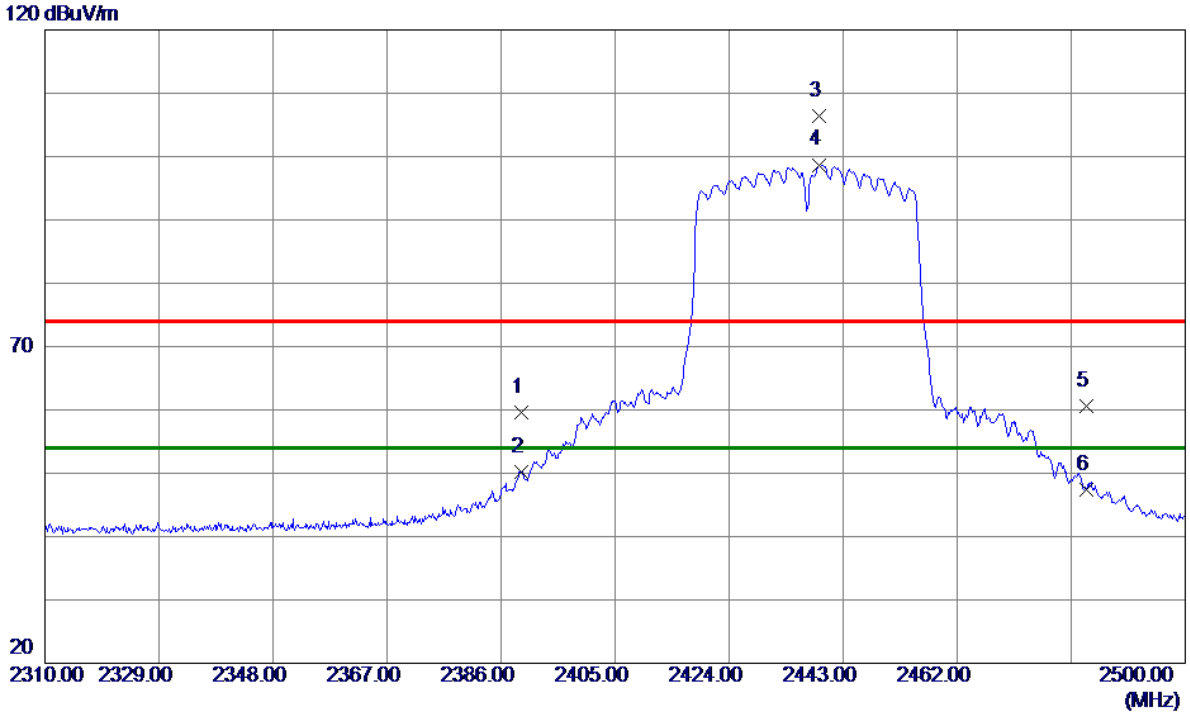
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	50.27	-10.79	39.48	74.00	-34.52	Peak	

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

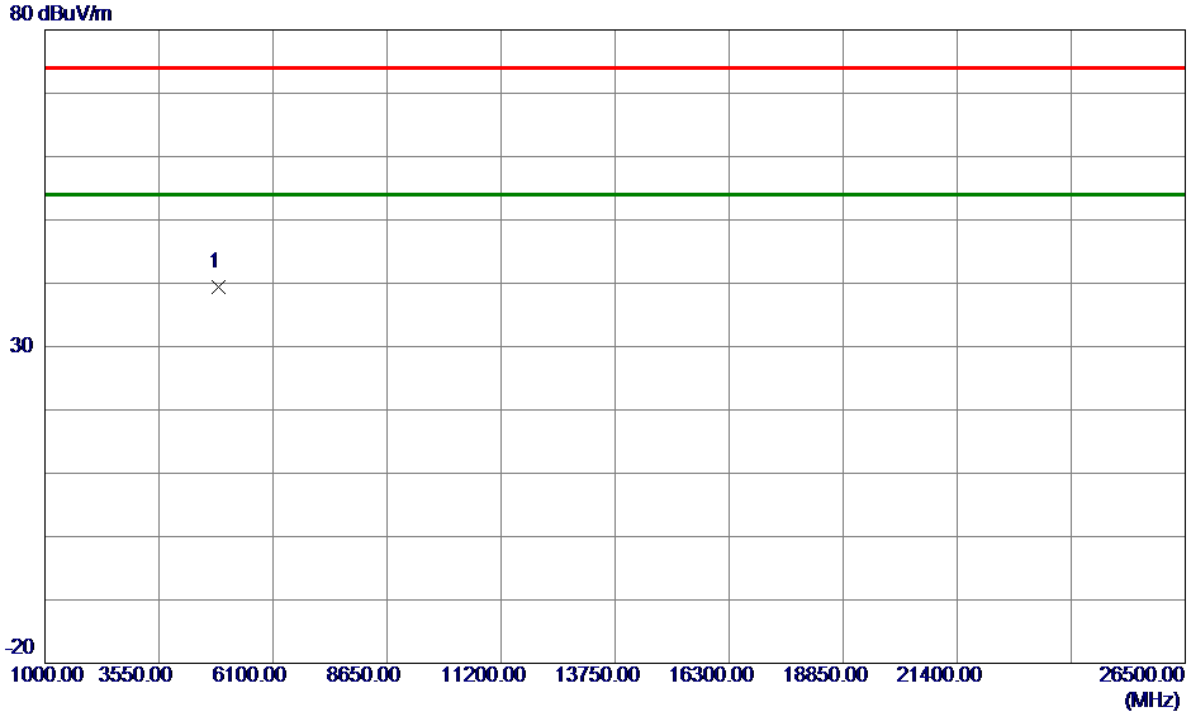
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.4200	27.90	31.74	59.64	74.00	-14.36	Peak	
2	2389.4200	18.53	31.74	50.27	54.00	-3.73	AVG	
3	2438.9150	74.64	31.72	106.36	74.00	32.36	Peak	
4 *	2438.9150	66.98	31.72	98.70	54.00	44.70	AVG	
5	2483.5000	28.90	31.71	60.61	74.00	-13.39	Peak	
6	2483.5000	15.67	31.71	47.38	54.00	-6.62	AVG	

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

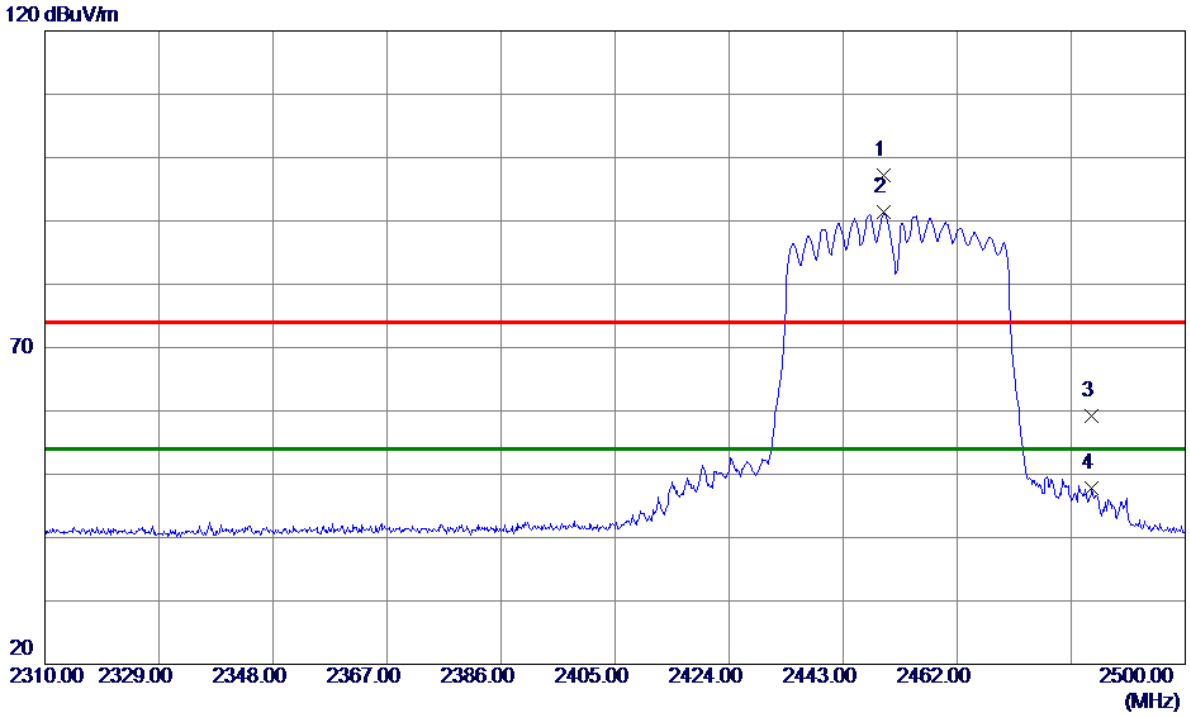
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	50.26	-10.79	39.47	74.00	-34.53	Peak	

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

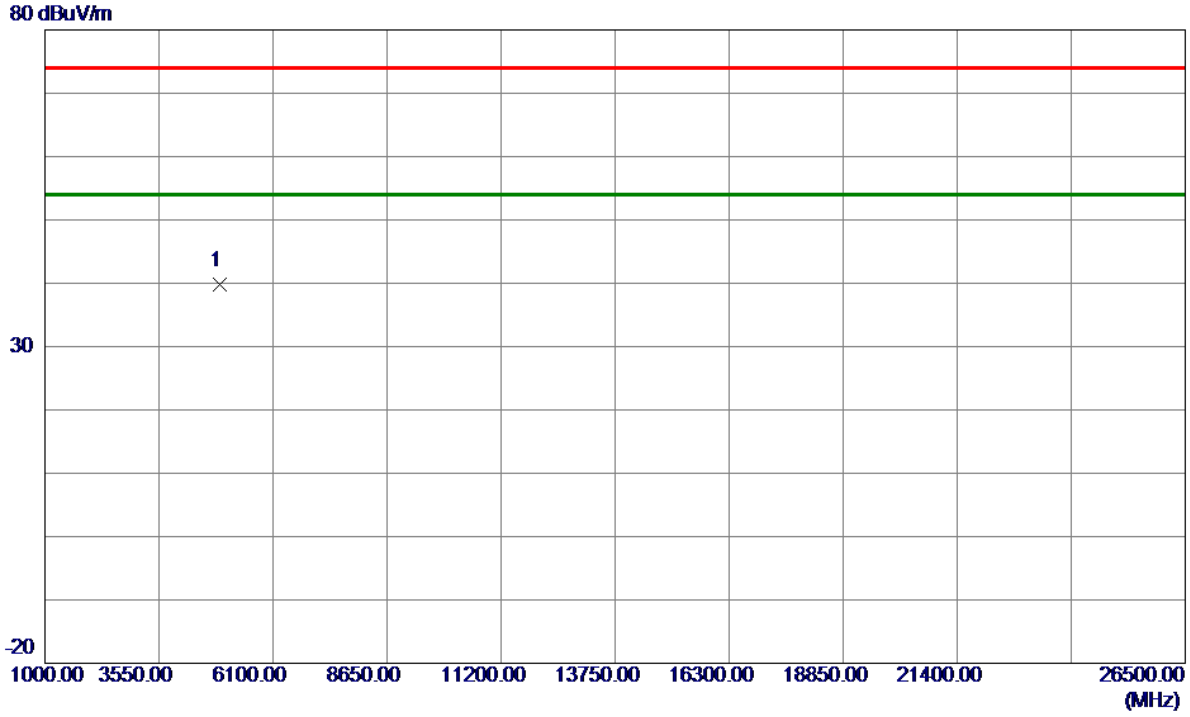
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2449.8400	65.52	31.71	97.23	74.00	23.23	Peak	
2 *	2449.8400	59.66	31.71	91.37	54.00	37.37	AVG	
3	2484.4200	27.45	31.71	59.16	74.00	-14.84	Peak	
4	2484.4200	16.13	31.71	47.84	54.00	-6.16	AVG	

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

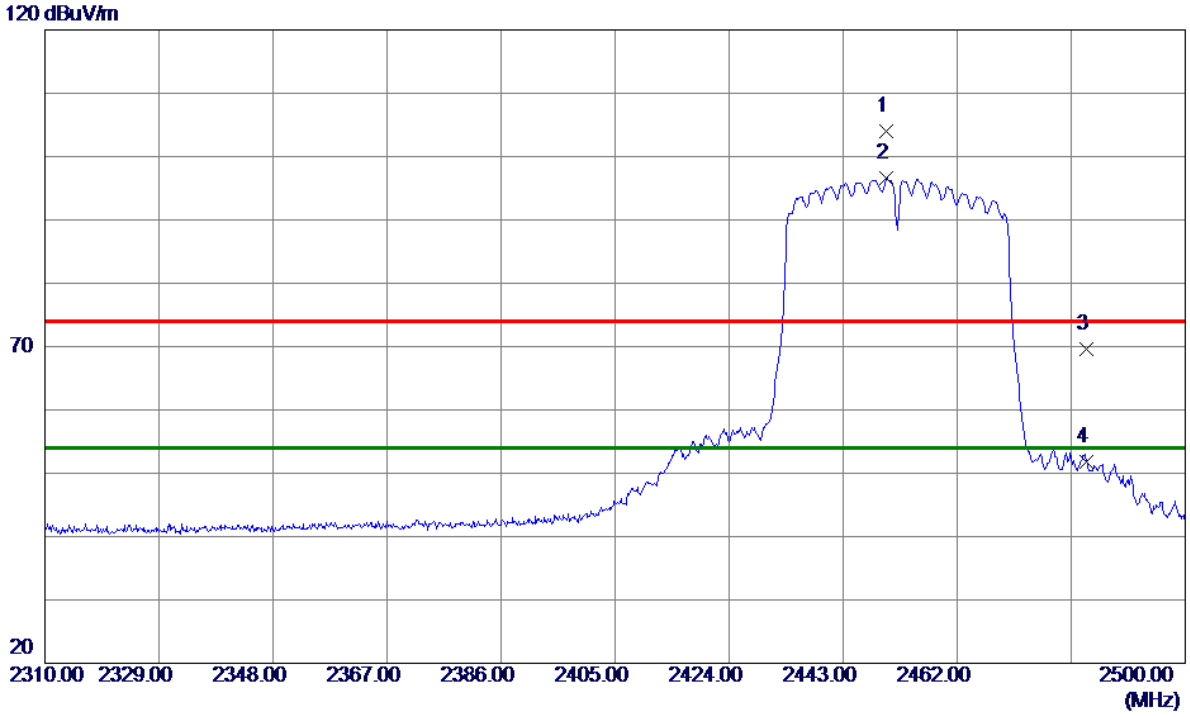
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4904.0000	50.42	-10.72	39.70	74.00	-34.30	Peak	

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

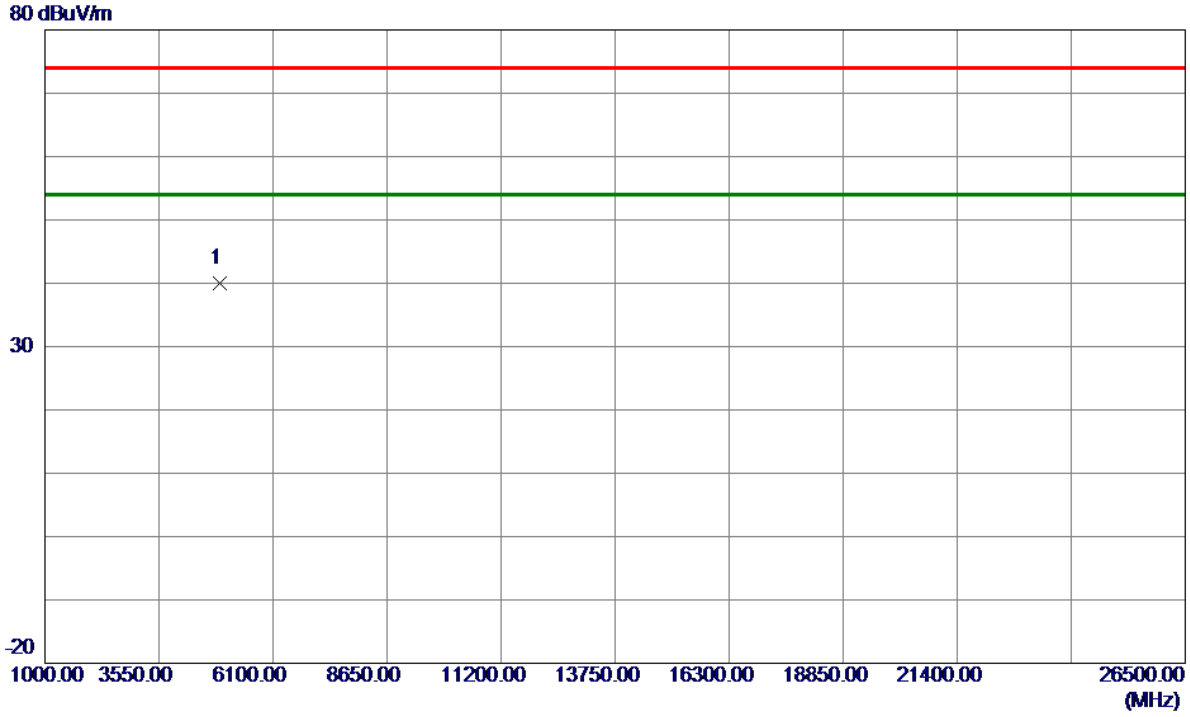
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2450.2200	72.27	31.71	103.98	74.00	29.98	Peak	
2 *	2450.2200	64.94	31.71	96.65	54.00	42.65	AVG	
3	2483.5000	37.85	31.71	69.56	74.00	-4.44	Peak	
4	2483.5000	20.13	31.71	51.84	54.00	-2.16	AVG	

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

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



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4904.0000	50.63	-10.72	39.91	74.00	-34.09	Peak	

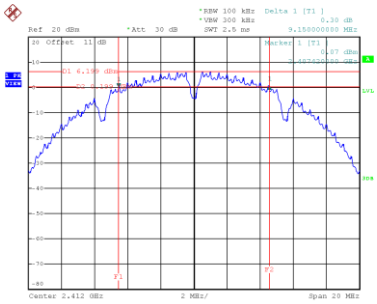
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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	9.150	13.440	0.5	Complies
06	2437	9.140	13.360	0.5	Complies
11	2462	9.140	13.360	0.5	Complies

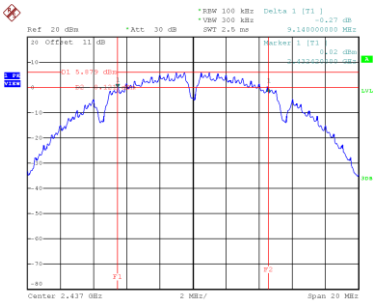
CH01



Date: 8.APR.2021 17:54:55

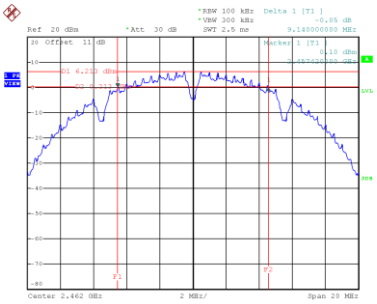
CH06

6 dB Bandwidth

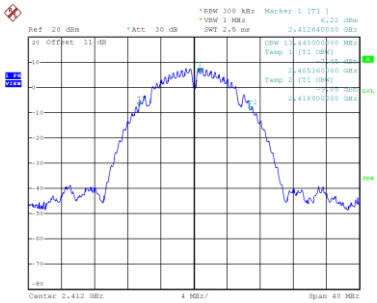


Date: 8.APR.2021 18:00:51

CH11

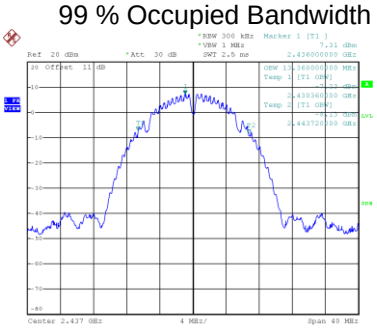


Date: 8.APR.2021 18:02:33

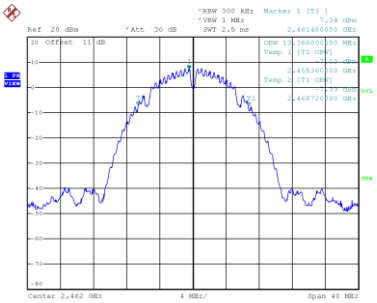


Date: 8.APR.2021 17:55:02

99 % Occupied Bandwidth



Date: 8.APR.2021 18:00:57

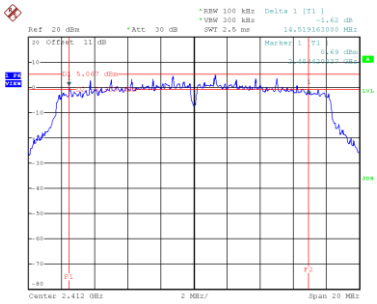


Date: 8.APR.2021 18:02:39

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	14.519	16.800	0.5	Complies
06	2437	15.140	16.800	0.5	Complies
11	2462	15.160	16.800	0.5	Complies

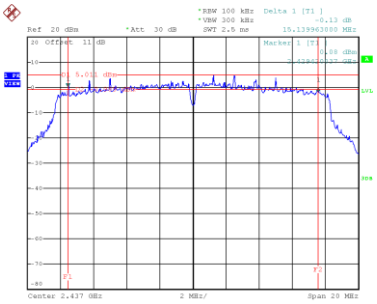
CH01



Date: 8.APR.2021 18:07:33

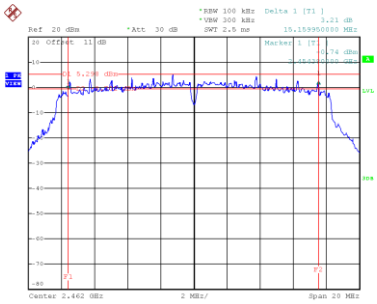
CH06

6 dB Bandwidth

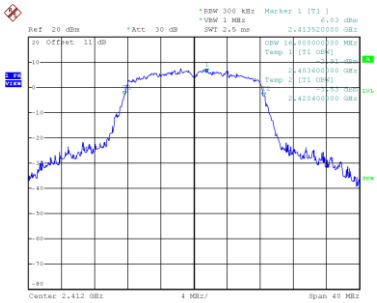


Date: 8.APR.2021 18:11:49

CH11

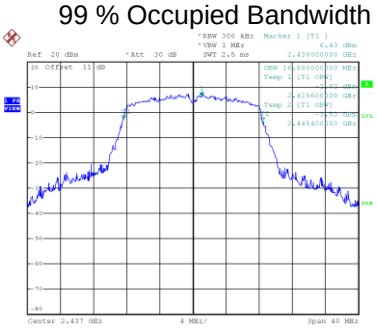


Date: 8.APR.2021 18:16:40

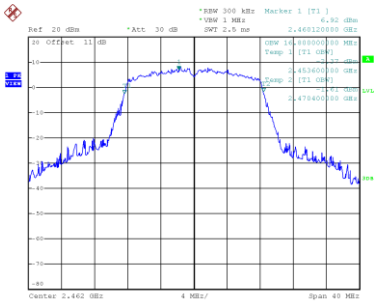


Date: 8.APR.2021 18:07:39

99 % Occupied Bandwidth



Date: 8.APR.2021 18:11:56

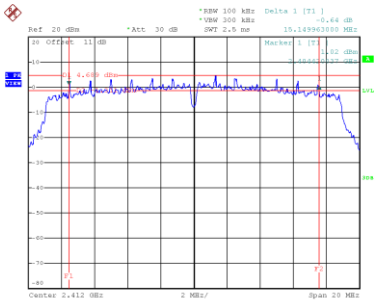


Date: 8.APR.2021 18:16:47

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	15.150	17.760	0.5	Complies
06	2437	15.140	17.760	0.5	Complies
11	2462	15.089	17.760	0.5	Complies

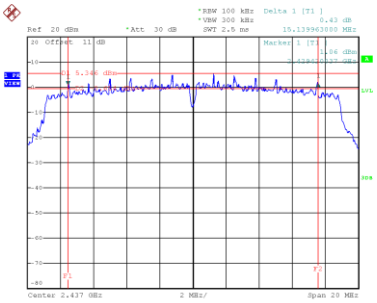
CH01



Date: 8.APR.2021 18:18:38

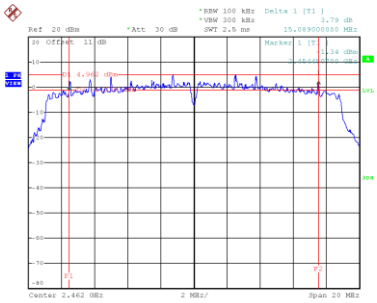
CH06

6 dB Bandwidth



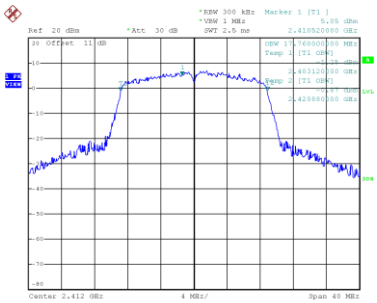
Date: 8.APR.2021 18:24:00

CH11

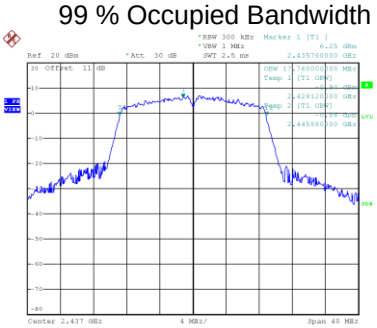


Date: 8.APR.2021 18:26:39

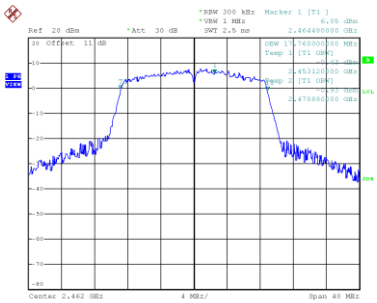
99 % Occupied Bandwidth



Date: 8.APR.2021 18:18:45



Date: 8.APR.2021 18:24:07

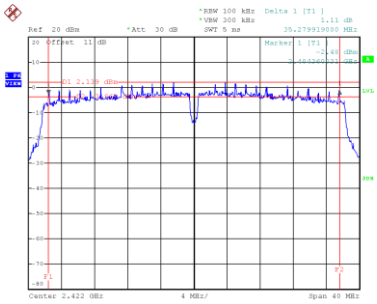


Date: 8.APR.2021 18:26:46

Test Mode	TX N(HT40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	35.280	36.640	0.5	Complies
06	2437	35.200	36.640	0.5	Complies
09	2452	35.280	36.640	0.5	Complies

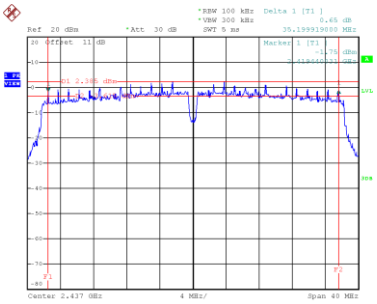
CH03



Date: 8.APR.2021 18:31:44

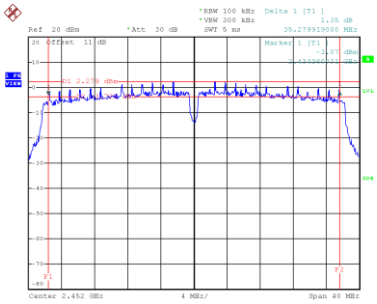
CH06

6 dB Bandwidth



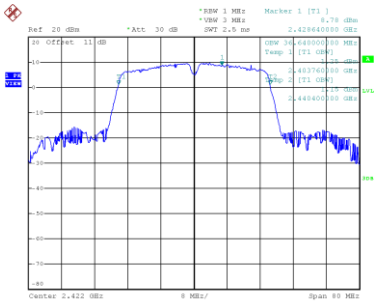
Date: 8.APR.2021 18:33:17

CH09

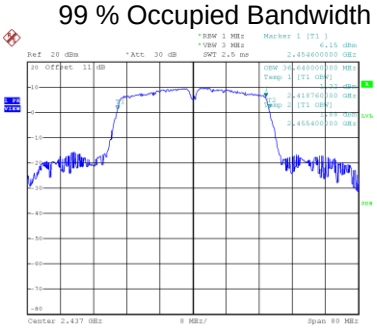


Date: 8.APR.2021 18:37:19

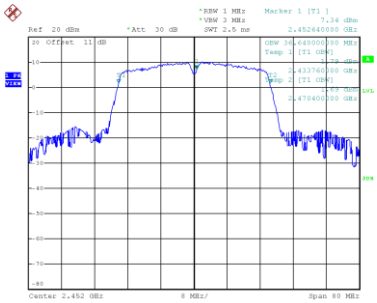
99 % Occupied Bandwidth



Date: 8.APR.2021 18:31:50



Date: 8.APR.2021 18:33:24



Date: 8.APR.2021 18:37:26

APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	TX B Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	13.09	30.00	1.0000	Complies
06	2437	12.75	30.00	1.0000	Complies
11	2462	12.61	30.00	1.0000	Complies

Test Mode	TX B Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	14.95	30.00	1.0000	Complies
06	2437	14.58	30.00	1.0000	Complies
11	2462	14.41	30.00	1.0000	Complies

Test Mode	TX B Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.13	30.00	1.0000	Complies
06	2437	16.77	30.00	1.0000	Complies
11	2462	16.61	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.06	30.00	1.0000	Complies
06	2437	19.11	30.00	1.0000	Complies
11	2462	19.20	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.66	30.00	1.0000	Complies
06	2437	21.44	30.00	1.0000	Complies
11	2462	21.23	30.00	1.0000	Complies

Test Mode	TX G Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.56	30.00	1.0000	Complies
06	2437	23.44	30.00	1.0000	Complies
11	2462	23.34	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.51	30.00	1.0000	Complies
06	2437	19.57	30.00	1.0000	Complies
11	2462	19.68	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.17	30.00	1.0000	Complies
06	2437	22.06	30.00	1.0000	Complies
11	2462	21.95	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	24.05	30.00	1.0000	Complies
06	2437	24.00	30.00	1.0000	Complies
11	2462	23.97	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	18.84	30.00	1.0000	Complies
06	2437	19.70	30.00	1.0000	Complies
09	2452	19.25	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.92	30.00	1.0000	Complies
06	2437	22.16	30.00	1.0000	Complies
09	2452	21.65	30.00	1.0000	Complies

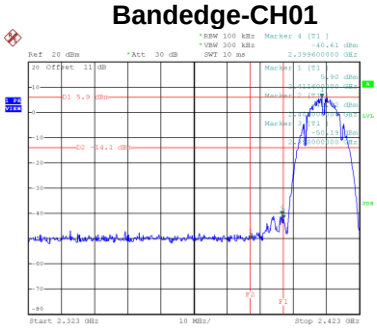
Test Mode	TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	23.01	30.00	1.0000	Complies
06	2437	24.11	30.00	1.0000	Complies
09	2452	23.62	30.00	1.0000	Complies

APPENDIX G - CONDUCTED SPURIOUS EMISSIONS

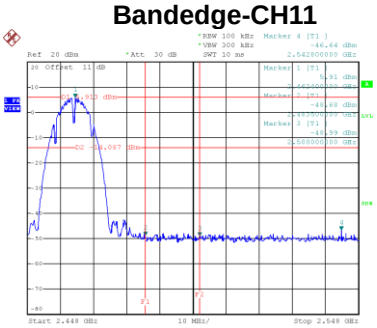
Test Mode	TX B Mode_Ant. 1

Bandedge-CH01



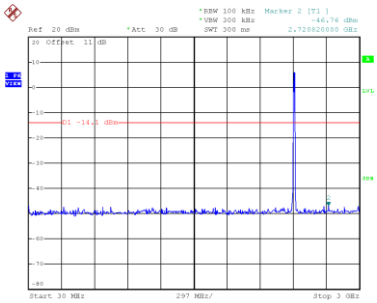
Date: 8.APR.2021 17:55:09

Bandedge-CH11



Date: 8.APR.2021 18:02:47

CH01 – 10th Harmonic of the fundamental frequency



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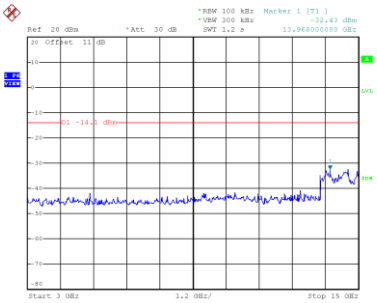

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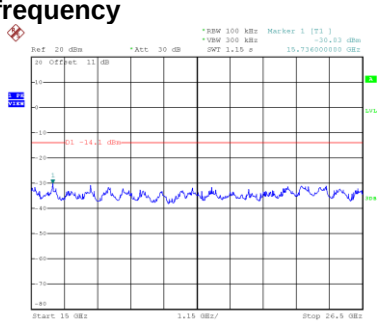

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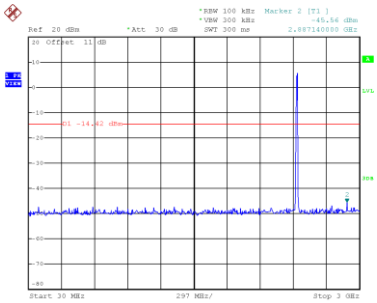
CH06 – 10th Harmonic of the fundamental frequency



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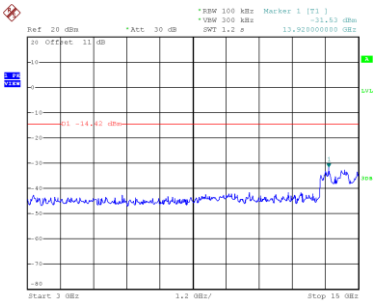

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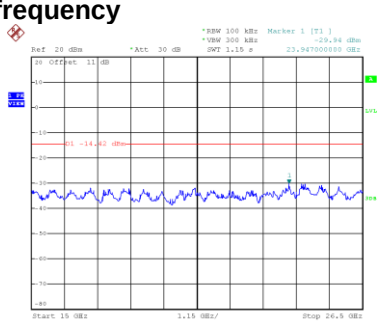

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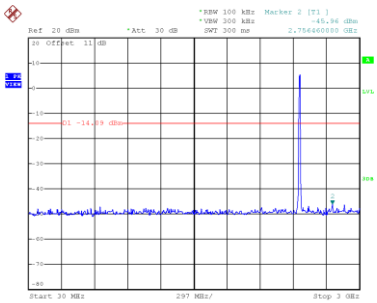
CH11 – 10th Harmonic of the fundamental frequency



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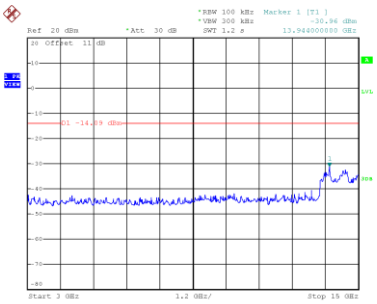

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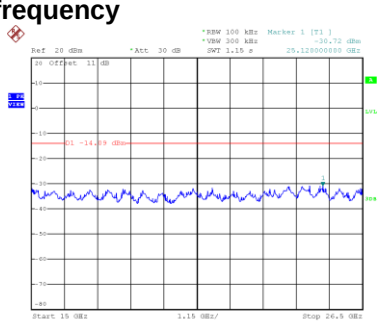

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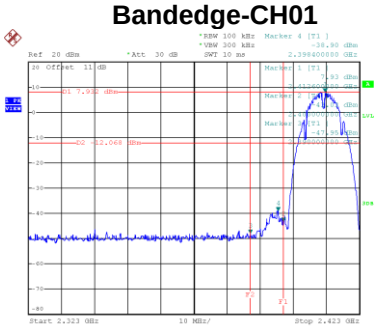
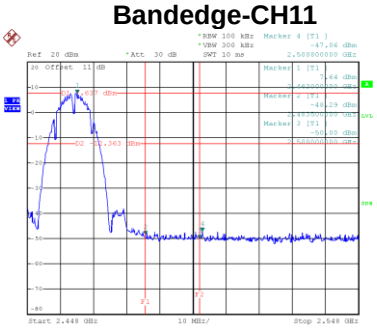
Test Mode	TX B Mode_Ant. 2

Bandedge-CH01



Date: 8.APR.2021 17:57:04

Bandedge-CH11



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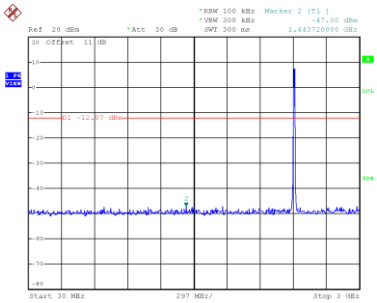
CH01 – 10th Harmonic of the fundamental frequency



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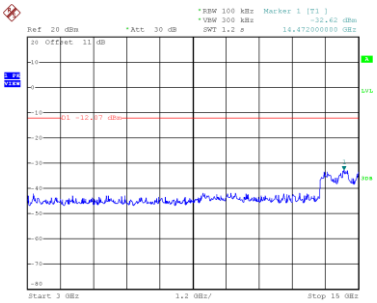

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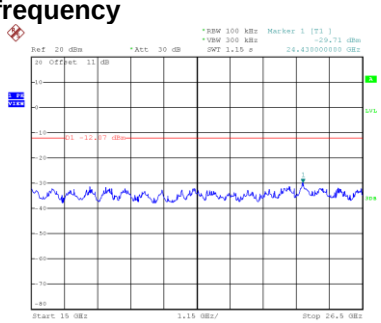

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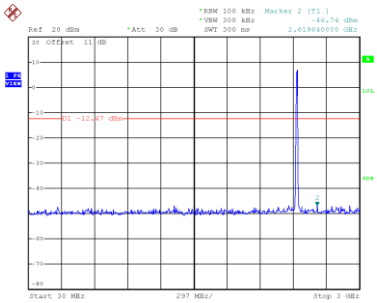
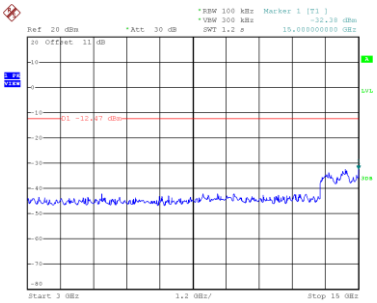
CH06 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 17:59:41



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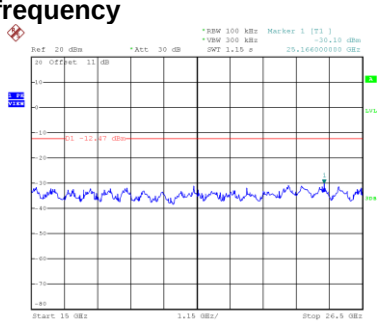

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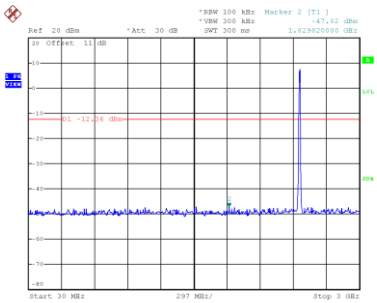
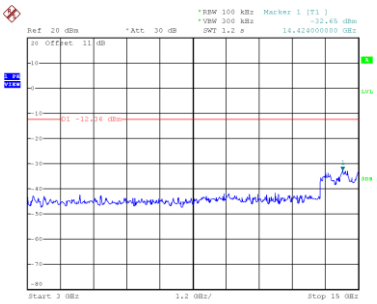
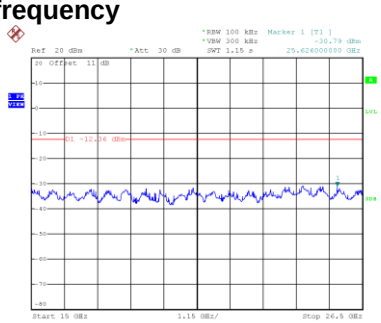
CH11 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:04:40



Date: 8.APR.2021 18:04:47



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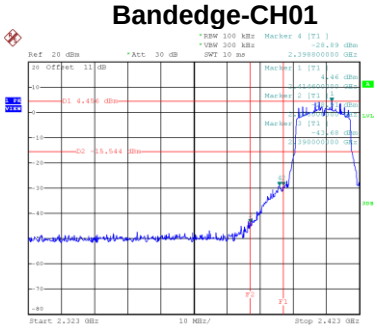
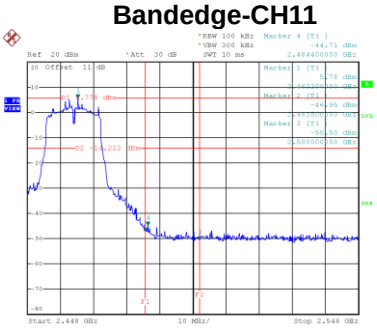
Test Mode	TX G Mode_Ant. 1

Bandedge-CH01



Date: 8.APR.2021 18:07:46

Bandedge-CH11



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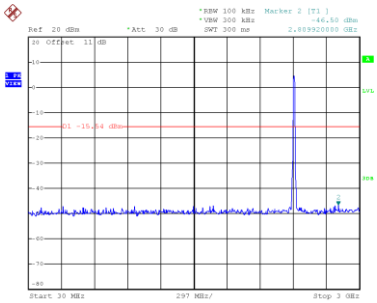
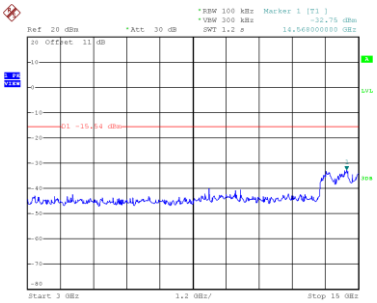
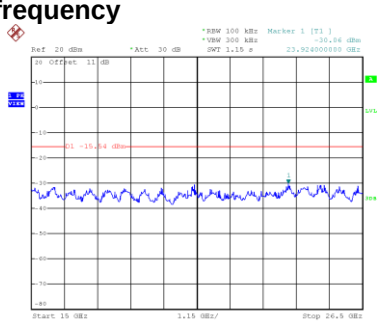
CH01 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:07:59

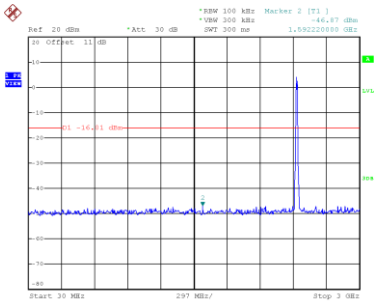


Date: 8.APR.2021 18:08:07



Date: 8.APR.2021 18:08:14

CH06 – 10th Harmonic of the fundamental frequency



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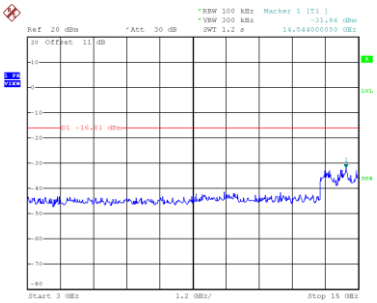

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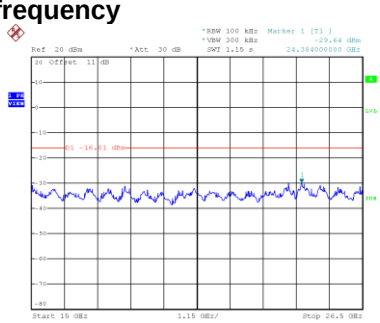
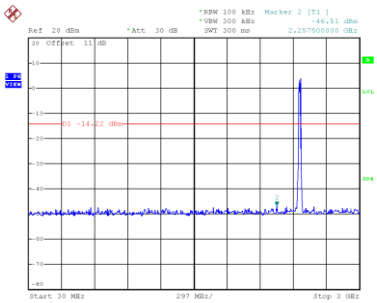
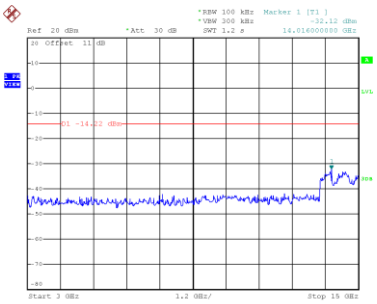


Date: 8.APR.2021 18:12:31

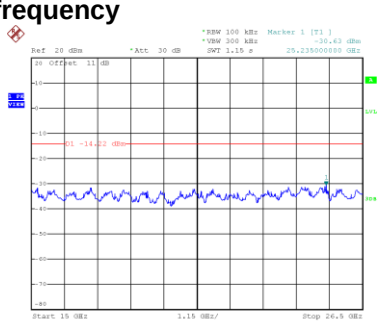
CH11 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:17:07



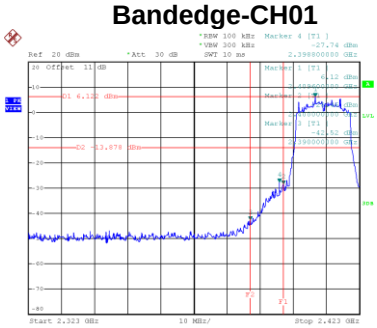
Date: 8.APR.2021 18:17:15



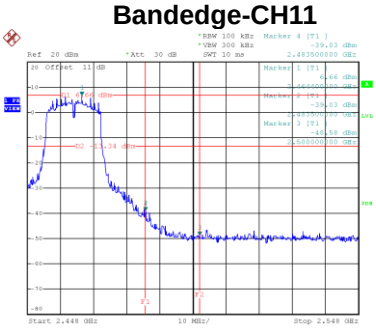
Date: 8.APR.2021 18:17:22

Test Mode	TX G Mode_Ant. 2

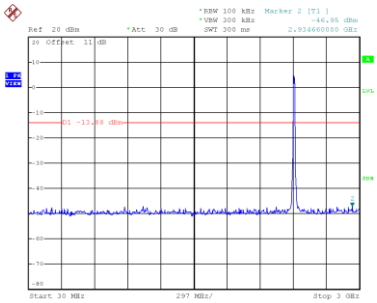
Bandedge-CH01

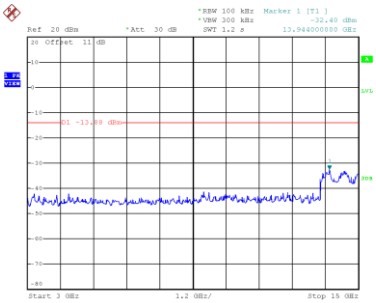


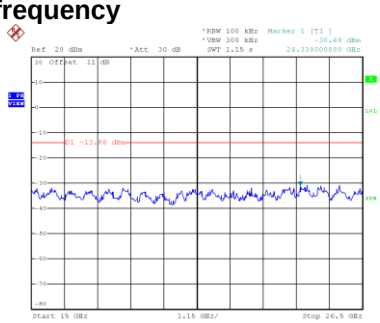
Bandedge-CH11



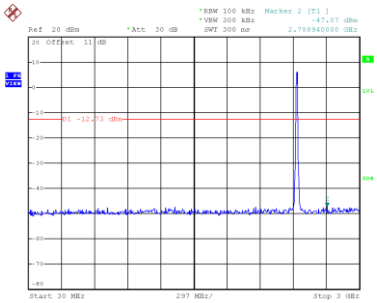
CH01 – 10th Harmonic of the fundamental frequency

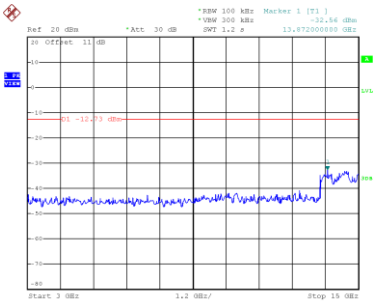


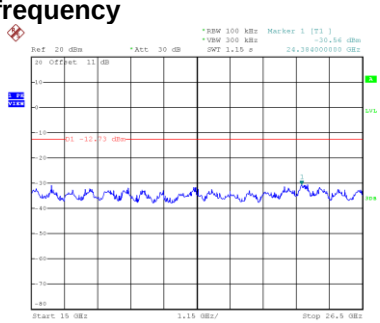




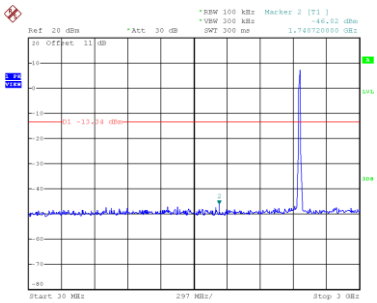
CH06 – 10th Harmonic of the fundamental frequency

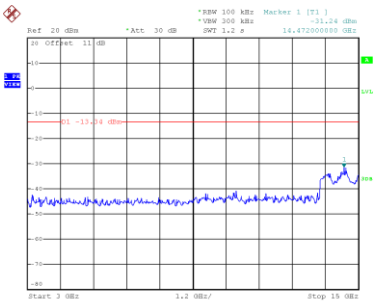


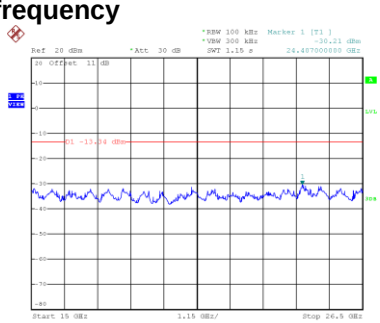




CH11 – 10th Harmonic of the fundamental frequency

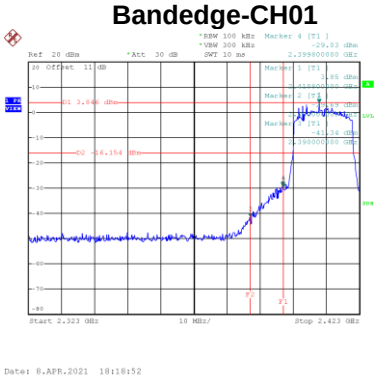






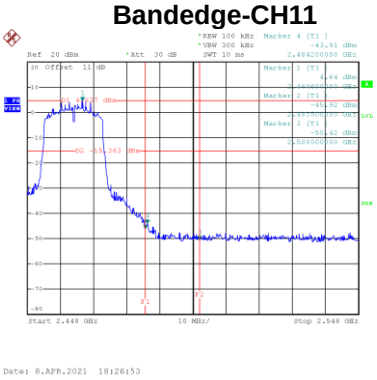
Test Mode	TX N(HT20) Mode_Ant. 1

Bandedge-CH01



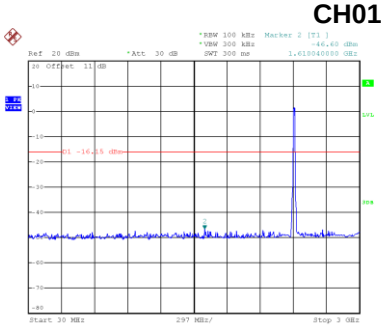
Date: 8.APR.2021 18:18:52

Bandedge-CH11

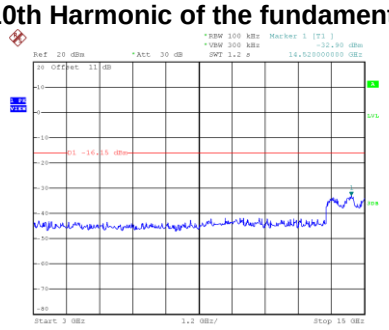


Date: 8.APR.2021 18:26:53

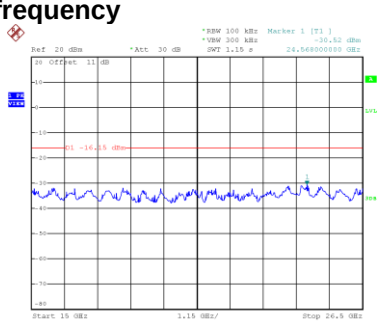
CH01 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:19:05

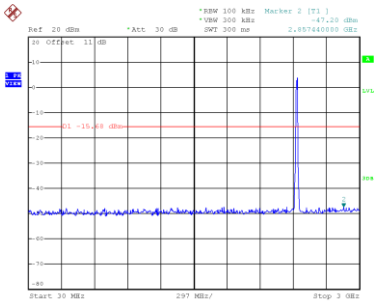


Date: 8.APR.2021 18:19:12

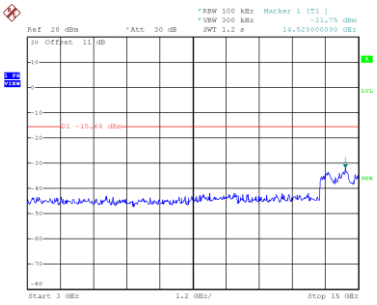


Date: 8.APR.2021 18:19:20

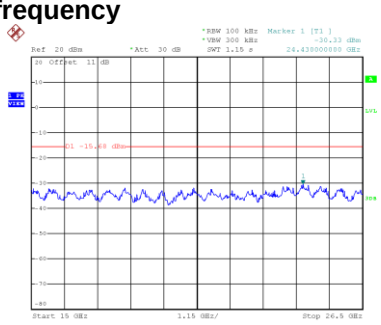
CH06 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:24:27

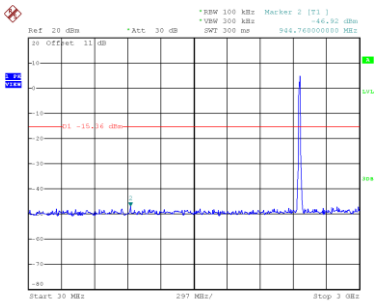


Date: 8.APR.2021 18:24:35

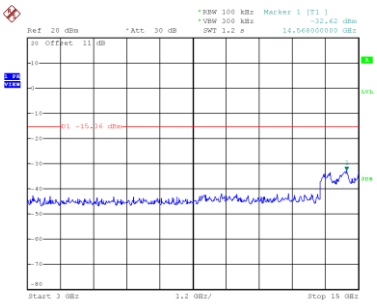


Date: 8.APR.2021 18:24:42

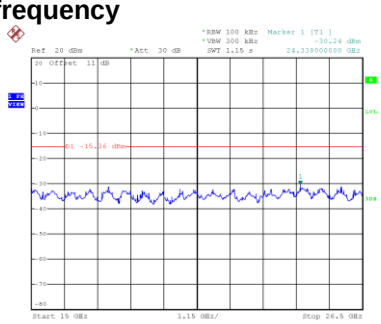
CH11 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:27:06



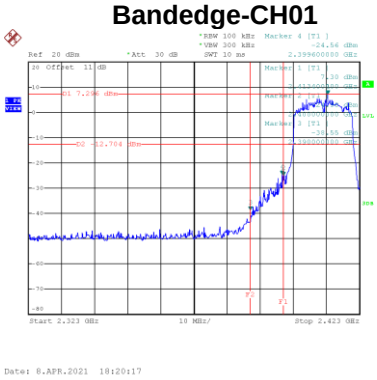
Date: 8.APR.2021 18:27:13



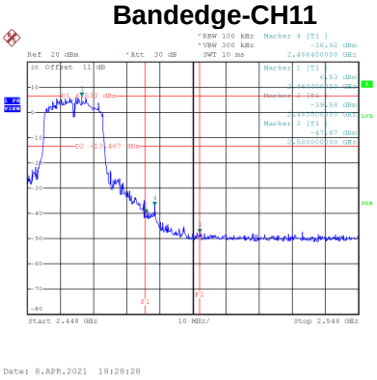
Date: 8.APR.2021 18:27:20

Test Mode	TX N(HT20) Mode_Ant. 2

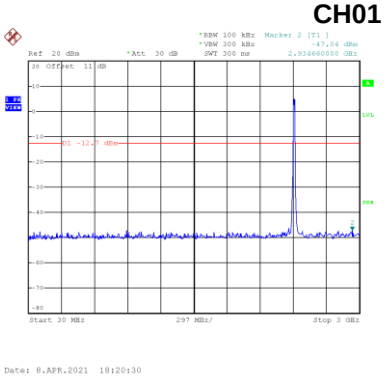
Bandedge-CH01

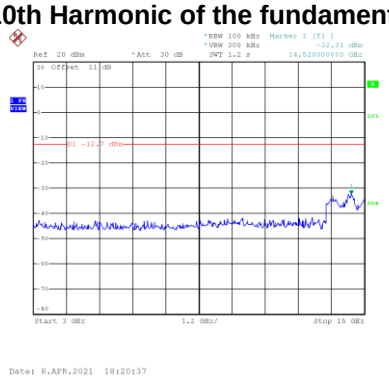


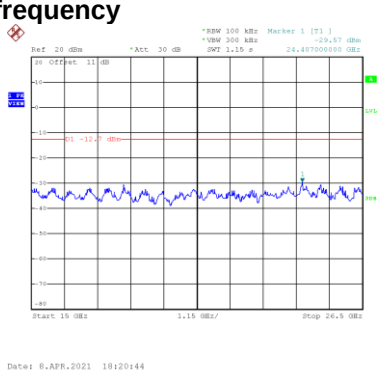
Bandedge-CH11



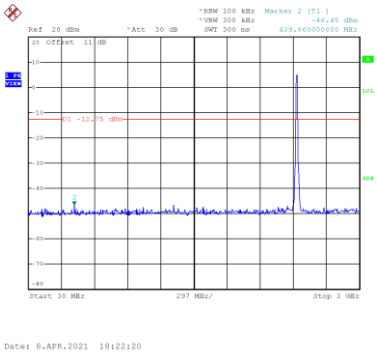
CH01 – 10th Harmonic of the fundamental frequency

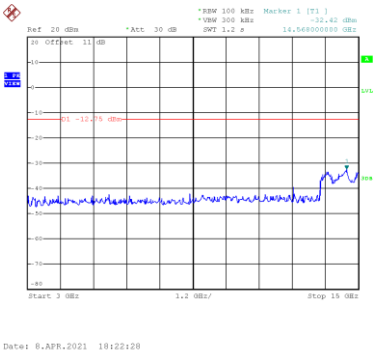


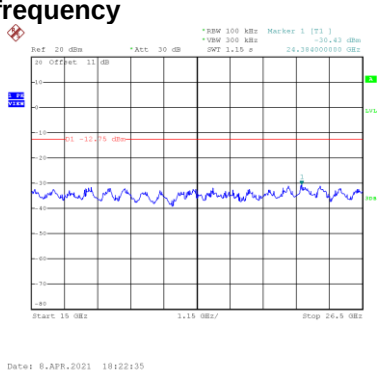




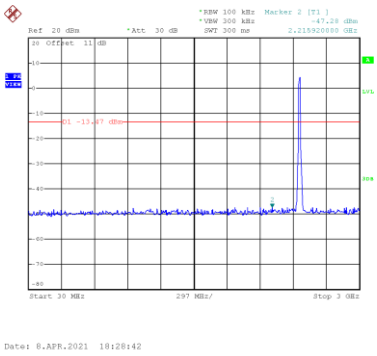
CH06 – 10th Harmonic of the fundamental frequency

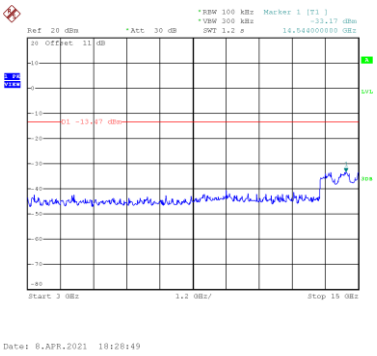


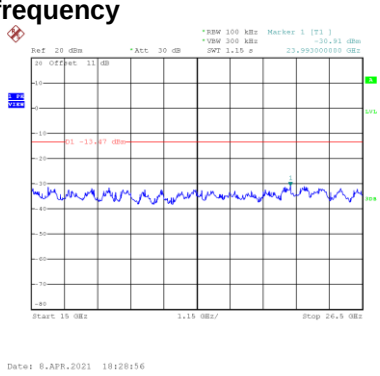




CH11 – 10th Harmonic of the fundamental frequency

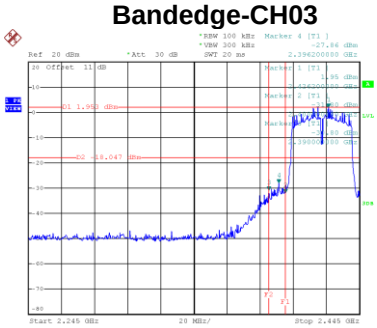






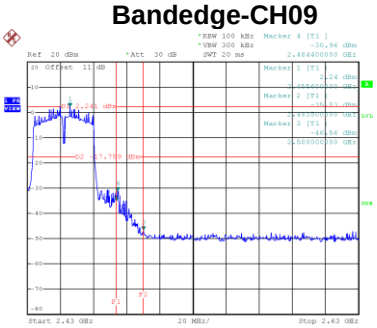
Test Mode	TX N(HT40) Mode_Ant. 1

Bandedge-CH03



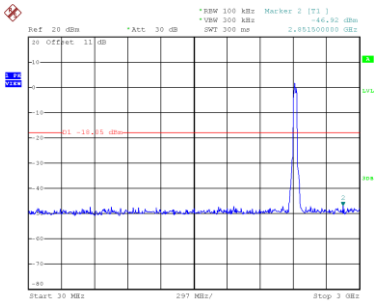
Date: 8.APR.2021 18:31:57

Bandedge-CH09

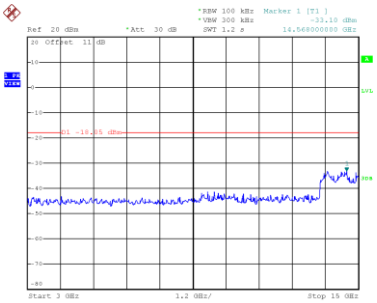


Date: 8.APR.2021 18:37:33

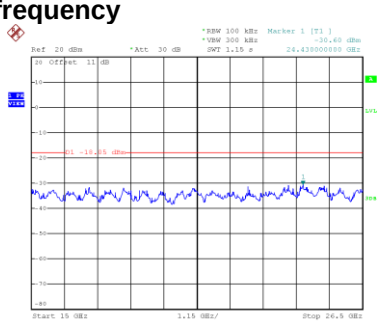
CH03 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:32:10

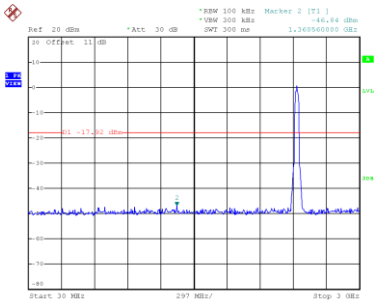


Date: 8.APR.2021 18:32:18

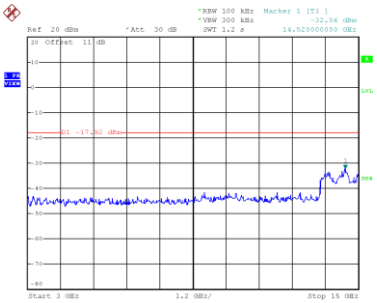


Date: 8.APR.2021 18:32:25

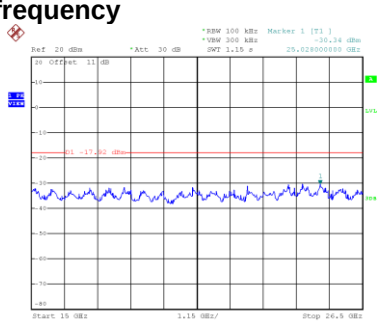
CH06 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:33:44

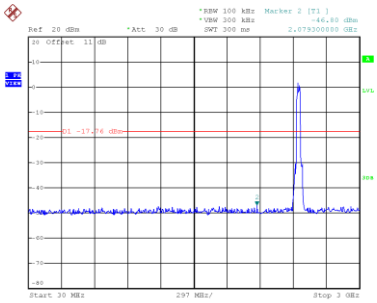


Date: 8.APR.2021 18:33:52

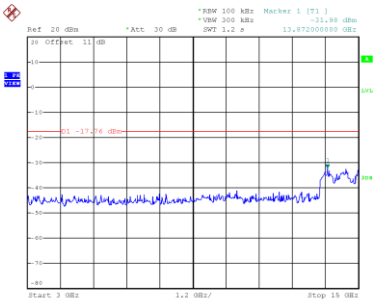


Date: 8.APR.2021 18:33:59

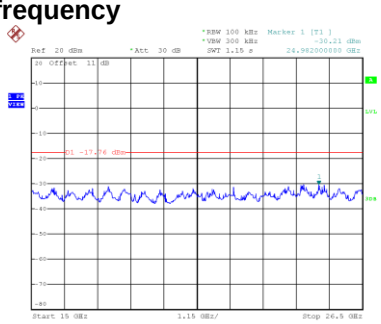
CH09 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:37:46



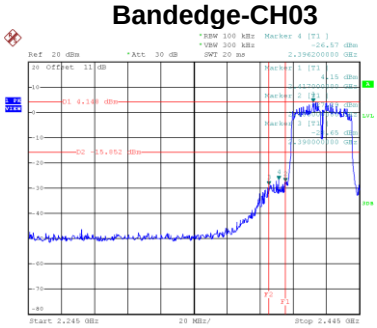
Date: 8.APR.2021 18:37:53



Date: 8.APR.2021 18:38:00

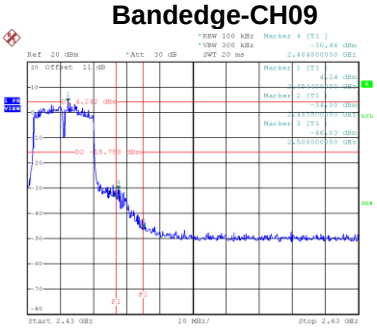
Test Mode	TX N(HT40) Mode_Ant. 2

Bandedge-CH03



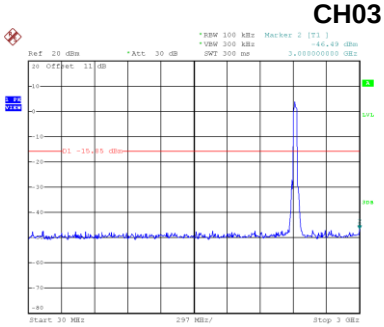
Date: 8.APR.2021 18:30:23

Bandedge-CH09

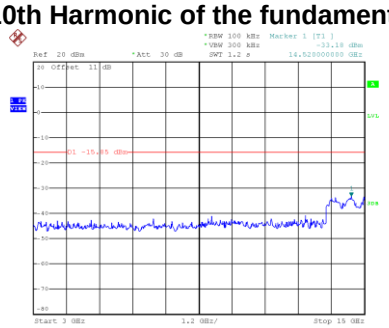


Date: 8.APR.2021 18:36:12

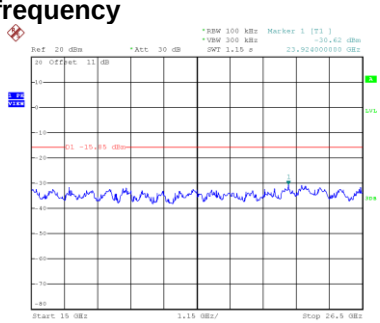
CH03 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:30:37



Date: 8.APR.2021 18:30:44



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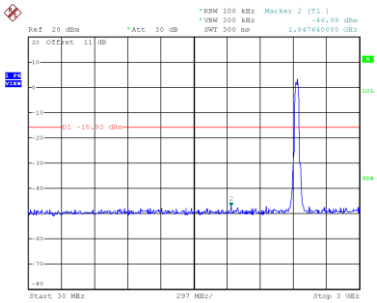
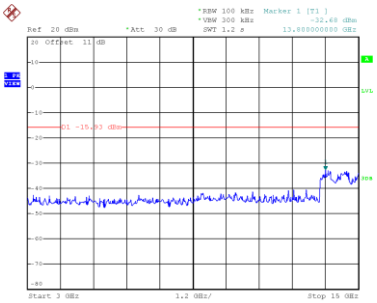
CH06 – 10th Harmonic of the fundamental frequency



Date: 8.APR.2021 18:35:04



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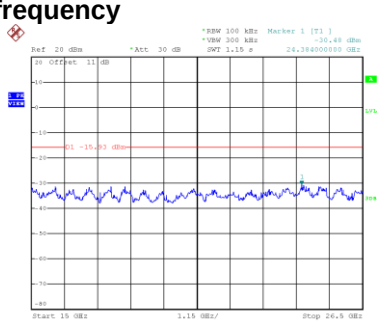

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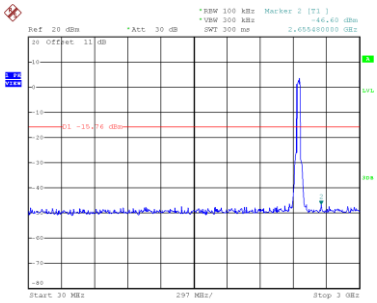
CH09 – 10th Harmonic of the fundamental frequency



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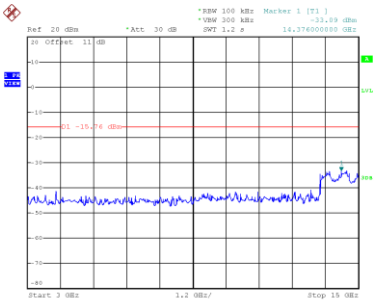

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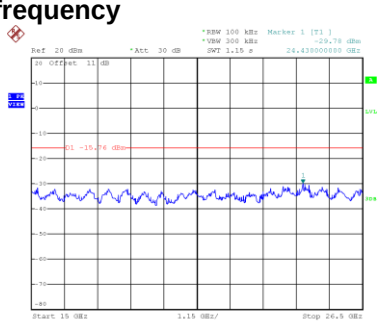


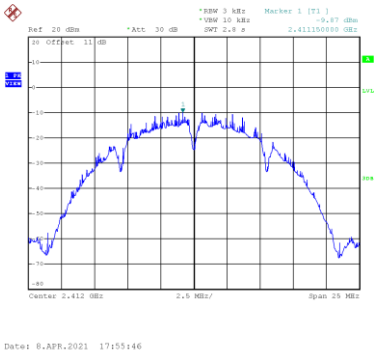
Date: 8.APR.2021 18:36:39

APPENDIX H - POWER SPECTRAL DENSITY

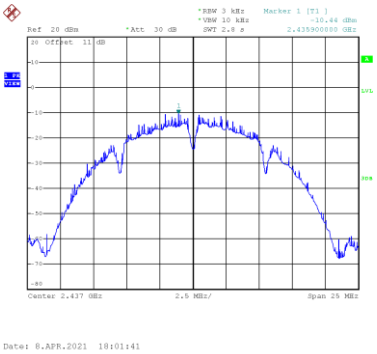
Test Mode	TX B Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-9.87	8.00	Complies
06	2437	-10.44	8.00	Complies
11	2462	-10.78	8.00	Complies

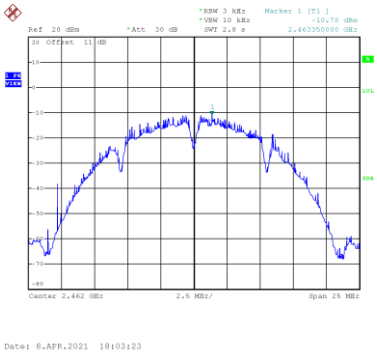
CH01



CH06



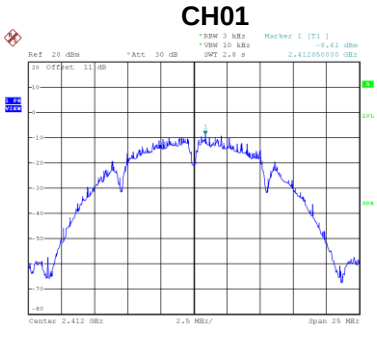
CH11



Test Mode	TX B Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-8.61	8.00	Complies
06	2437	-8.95	8.00	Complies
11	2462	-7.55	8.00	Complies

CH01



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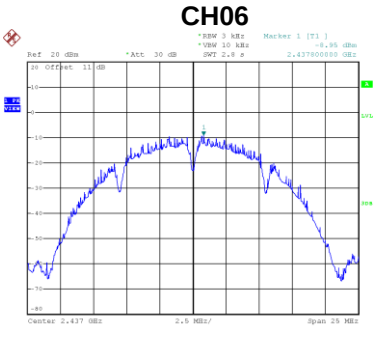

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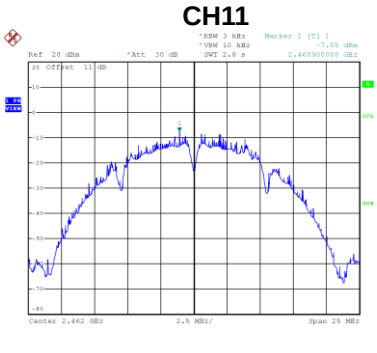


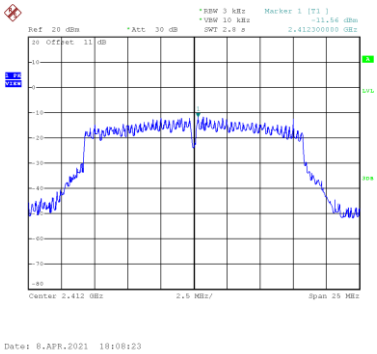
Test Mode	TX B Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-6.18	8.00	Complies
06	2437	-6.62	8.00	Complies
11	2462	-5.86	8.00	Complies

Test Mode	TX G Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-11.56	8.00	Complies
06	2437	-10.40	8.00	Complies
11	2462	-9.48	8.00	Complies

CH01



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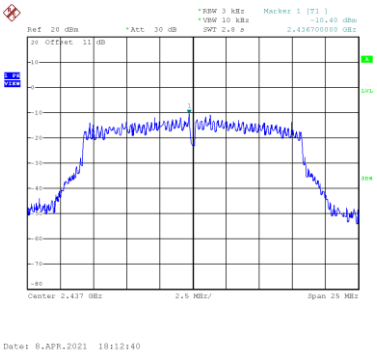
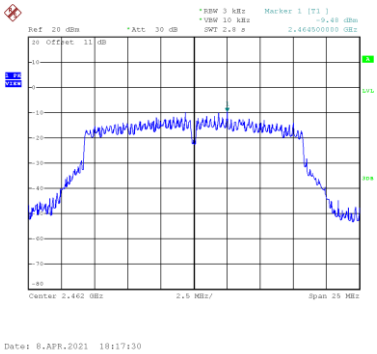


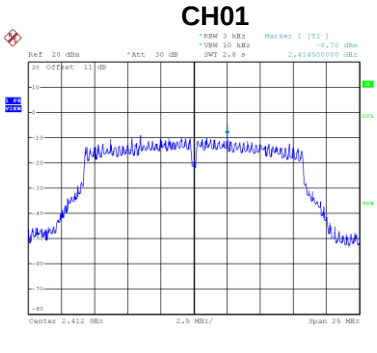
CH11



Test Mode	TX G Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-8.70	8.00	Complies
06	2437	-8.68	8.00	Complies
11	2462	-7.84	8.00	Complies

CH01



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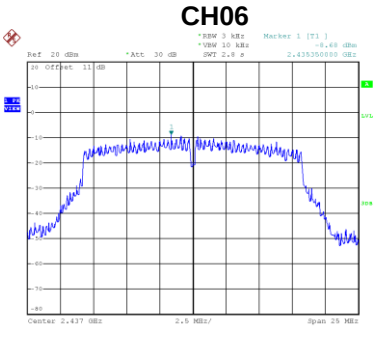

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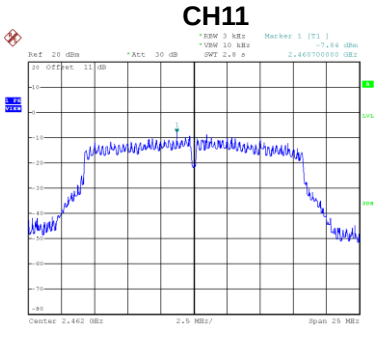


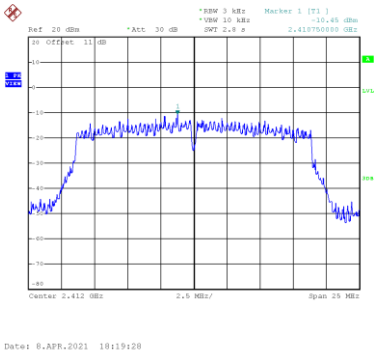
Test Mode	TX G Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-6.89	8.00	Complies
06	2437	-6.45	8.00	Complies
11	2462	-5.57	8.00	Complies

Test Mode	TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.45	8.00	Complies
06	2437	-11.76	8.00	Complies
11	2462	-11.19	8.00	Complies

CH01



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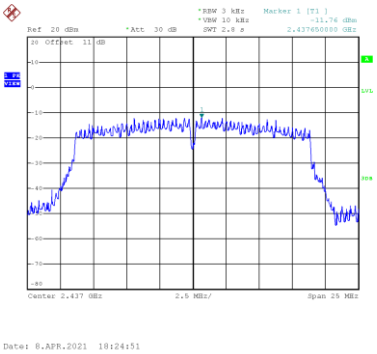

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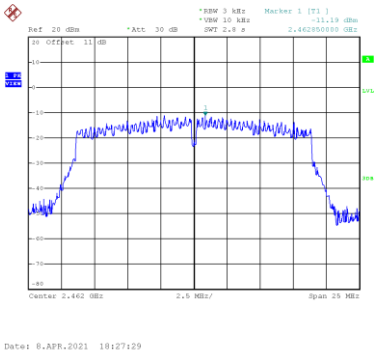
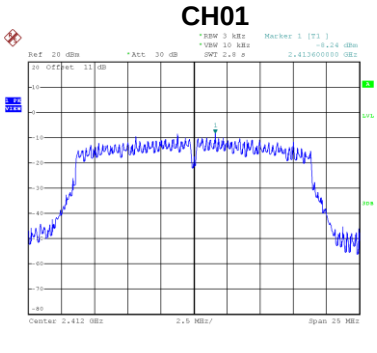


Test Mode	TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-8.24	8.00	Complies
06	2437	-7.22	8.00	Complies
11	2462	-7.82	8.00	Complies

CH01



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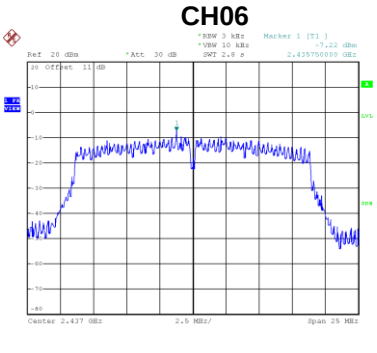

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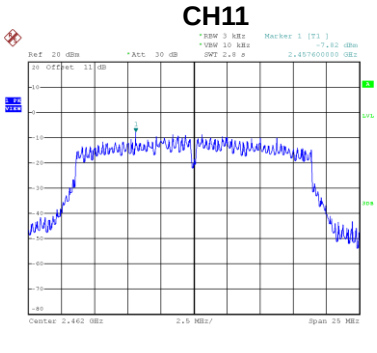


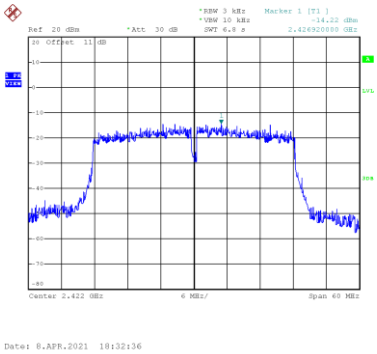
Test Mode	TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-6.20	8.00	Complies
06	2437	-5.91	8.00	Complies
11	2462	-6.18	8.00	Complies

Test Mode	TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-14.22	8.00	Complies
06	2437	-13.09	8.00	Complies
09	2452	-13.50	8.00	Complies

CH03



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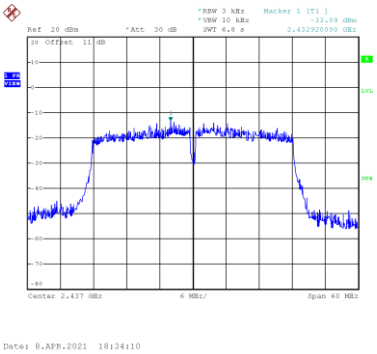

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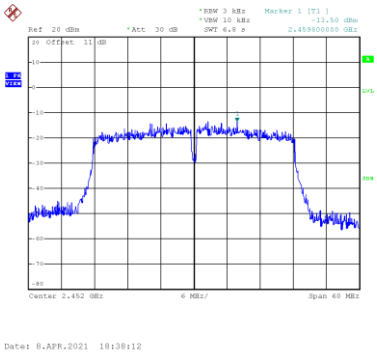
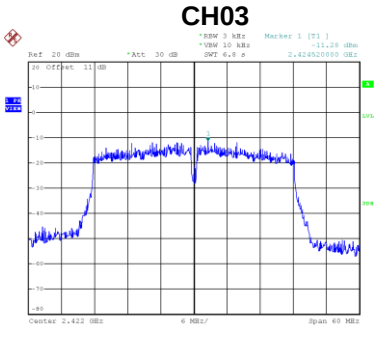


Test Mode	TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-11.28	8.00	Complies
06	2437	-10.73	8.00	Complies
09	2452	-12.21	8.00	Complies

CH03



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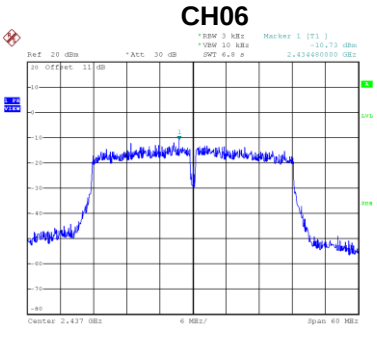

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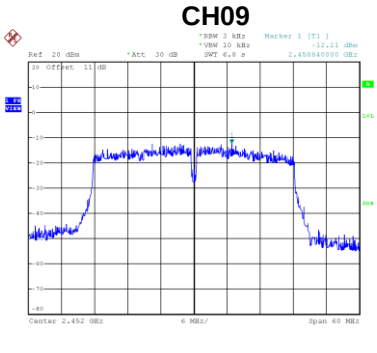

Test Mode	TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-9.50	8.00	Complies
06	2437	-8.74	8.00	Complies
09	2452	-9.80	8.00	Complies

End of Test Report