FCC Radio Test Report

FCC ID:X4YVEK2400G

This report concerns: Original Grant

Project No.	:	2105C152
Equipment	:	VEKTOR G2400AC Whole Home Mesh WiFi System
Brand Name	:	NEXXT SOLUTIONS
Test Model	:	NCM-G2400P
Series Model	:	N/A
Applicant	:	NEXXT SOLUTIONS
Address	:	3505 N.W 107TH AVE. MIAMI, FL 33178
Manufacturer	:	NEXXT SOLUTIONS
Address	:	3505 N.W 107TH AVE. MIAMI, FL 33178
Date of Receipt	:	May 24, 2021
Date of Test	:	May 24, 2021~Jun. 15, 2021
Issued Date	:	Jun. 24, 2021
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG2021052491
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

Prepared by : Maker Qi

Issac Song.

Approved by : Issac Song

TESTING CERT #5123.03

Add: No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210,China
TEL: +86-021-61765666
Web: www.newbtl.com

Declaration

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

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

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

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

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

Limitation

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

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Jun. 24, 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	24°C	55%	AC 120V/60Hz AC 240V/50Hz	Andrews Tu
Radiated Emissions-30MHz to 1000MHz	24°C	58%	AC 120V/60Hz	Cookie Huang
Radiated Emissions-Above 1000MHz	24°C	58%	AC 120V/60Hz	Cookie Huang
Bandwidth	24°C	51%	AC 120V/60Hz	Vince Zong
Maximum Output Power	24°C	51%	AC 120V/60Hz	Vince Zong
Conducted Spurious Emissions	24°C	51%	AC 120V/60Hz	Vince Zong
Power Spectral Density	24°C	51%	AC 120V/60Hz	Vince Zong

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	VEKTOR G2400AC Whole Home Mesh WiFi System
Brand Name	NEXXT SOLUTIONS
Test Model	NCM-G2400P
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. Model: BN073-A12012U
Power Rating	I/P:100-240V~ 50/60Hz 0.4A O/P: 12V ⎓ 1A
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 300 Mbps
Maximum Output Power _CDD	IEEE 802.11n20: 29.63 dBm (0.9183 W)
Maximum Output Power _Beamforming	IEEE 802.11n20: 29.45 dBm (0.8810 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		

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PCB	N/A	3
2	N/A	N/A	PCB	N/A	3

Note:

1.This EUT supports Beamforming and CDD, all antennas have the same gain, any transmit signals are correlated with each other, so

1) Beamforming:

Directional gain = $10\log[(10^{G1/20}+10^{G2/20+....+}10^{GN/20})^2/N_{ANT}]$dBi,

that is Directional gain=$10\log[(10^{G1/20}+10^{G2/20+....+}10^{GN/20})^2/N_{ANT}]$dBi =6.01;

So output power limit is 30-6.01+6=29.99, the power spectral density limit is 8-6.01+6=7.99.

2) CDD:

For power spectral density measurements, For power spectral density measurements, the Directional gain=G_{ANT}+Array Gain, that is Directional gain=3+10log(2/1) =6.01;

So power spectral density limit is 8-6.01+6=7.99.

For power meansurements, Directional gain =$G_{ANT\ MAX.}$+Array Gain, Array Gain=0dB($N_{ANT}\leq4$), so the Directional gain=3.

2. The antenna gain and beamforming gain are provided by the manufacturer.

4. Table for Antenna Configuration:

Operating Mode / TX Mode	Ant. 1	Ant. 2	Ant. 1+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 5	TX N(HT20) Mode Channel 01

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 5	TX N(HT20) Mode Channel 01

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 5	TX N(HT20) Mode Channel 01

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(HT20) Mode Channel 01 is found to be the worst case and recorded.
(3) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
(4) The measurements for Output Power are tested, the CDD and Beamforming are recorded in the report. The worst case is CDD and only the worst case is documented for other test items.

2.3 PARAMETERS OF TEST SOFTWARE

CDD

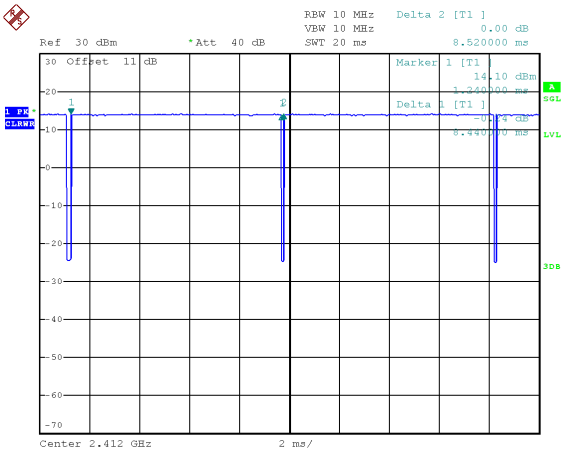
Test Software Version	MP_TEST V3.4		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	29	31	35
IEEE 802.11g	24	35	27
IEEE 802.11n(HT20)	25	26	27
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	23	24	24

Beamforming

Test Software Version	MP_TEST V3.4		
Frequency (MHz)	2412	2437	2462
IEEE 802.11n(HT20)	25	26	27
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	23	24	24

2.4 DUTY CYCLE

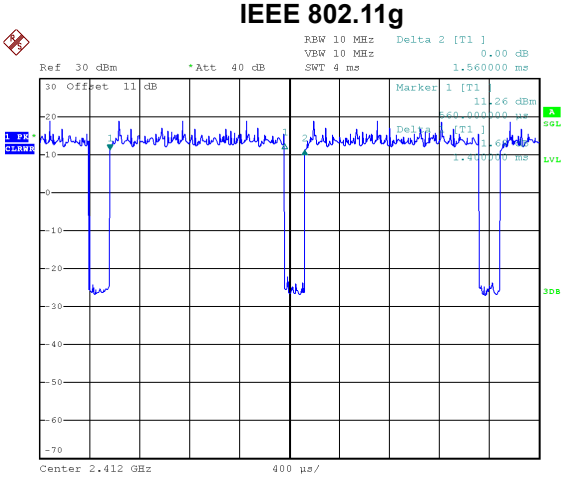
IEEE 802.11b



Date: 31.MAY.2021 21:32:41

Duty cycle = 8.440 ms / 8.520 ms = 99.06%
Duty Factor = 10 log(1/Duty cycle) = 0.04

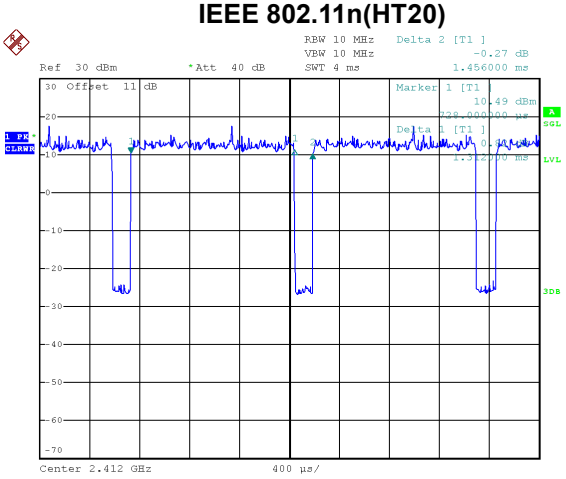
IEEE 802.11g



Date: 31.MAY.2021 21:35:37

Duty cycle = 1.400 ms / 1.560 ms = 89.74%
Duty Factor = 10 log(1/Duty cycle) = 0.47

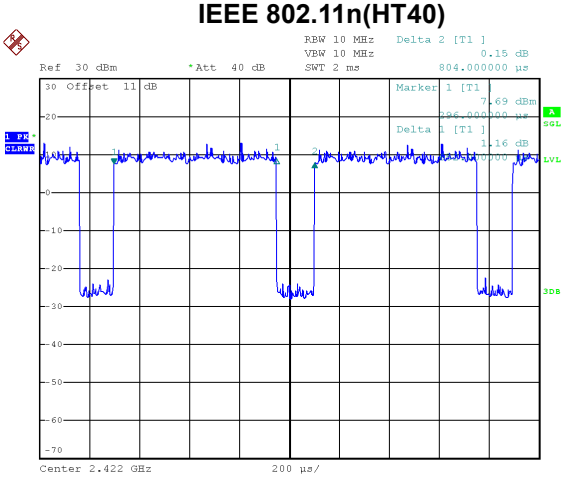
IEEE 802.11n(HT20)



Date: 31.MAY.2021 21:37:01

Duty cycle = 1.312 ms / 1.456 ms = 90.11%
Duty Factor = 10 log(1/Duty cycle) = 0.45

IEEE 802.11n(HT40)



Date: 31.MAY.2021 21:38:31

Duty cycle = 0.652 ms / 0.804 ms = 81.09%
Duty Factor = 10 log(1/Duty cycle) = 0.91

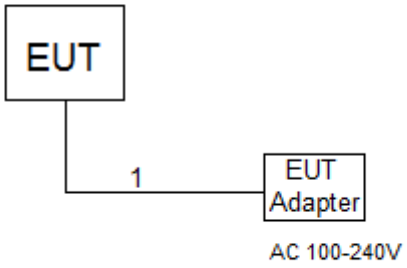
NOTE:
For IEEE 802.11b:
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10Hz.

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

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

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

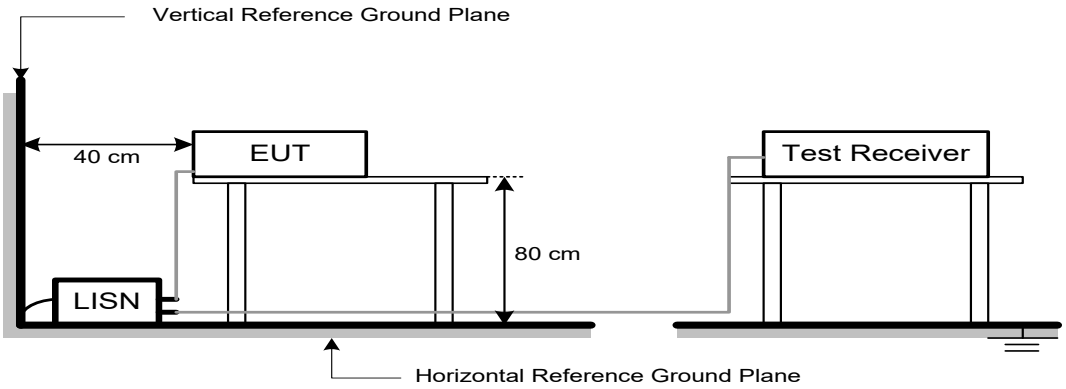
The following table is the setting of the receiver:

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

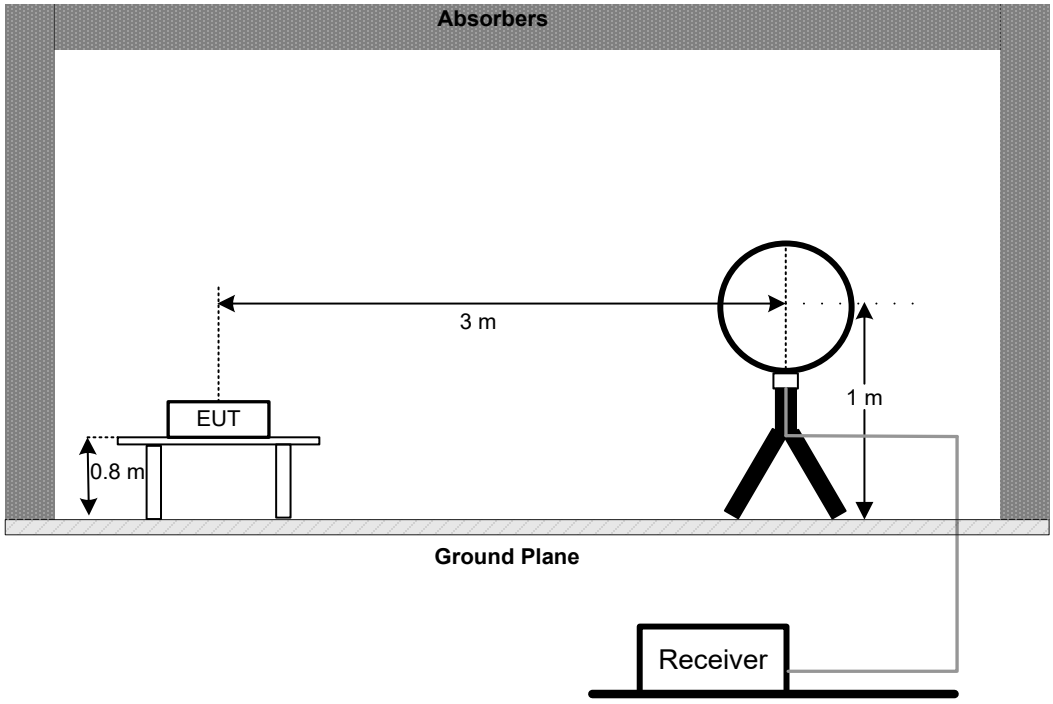
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

4.3 DEVIATION FROM TEST STANDARD

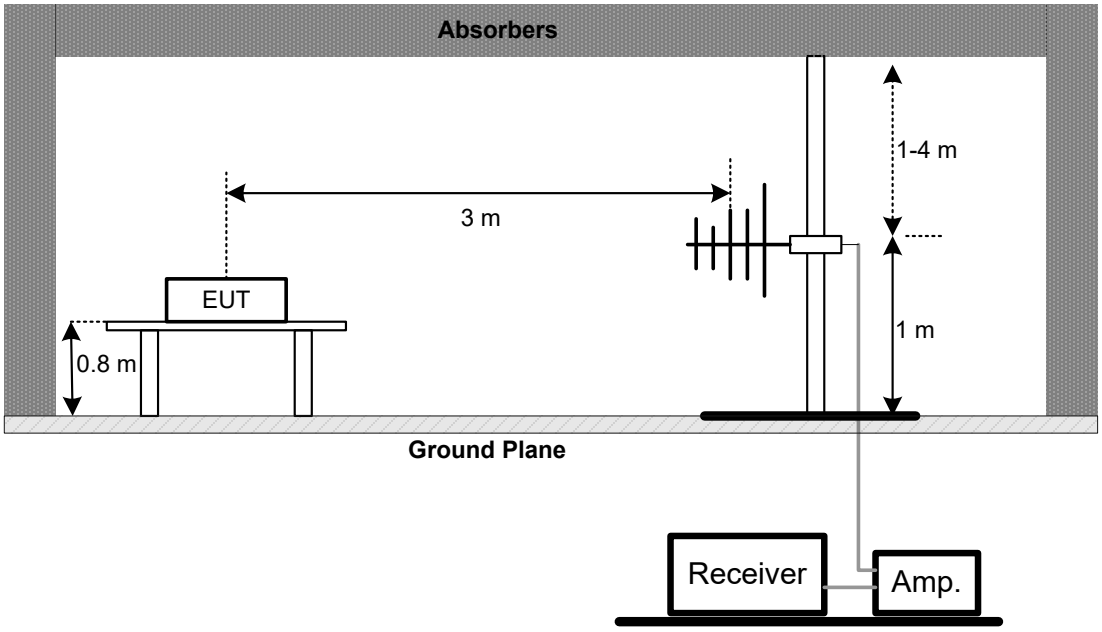
No deviation.

4.4 TEST SETUP

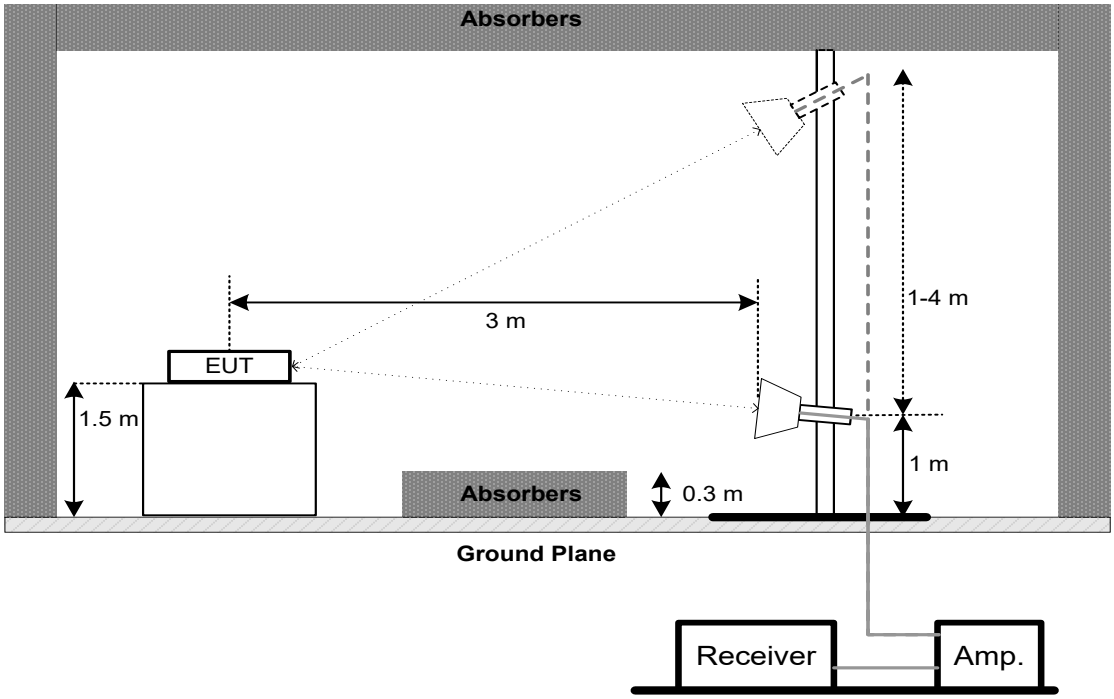
9 kHz to 30 MHz



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

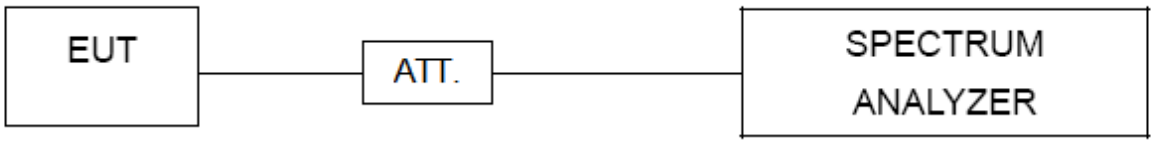
For 99% Emission Bandwidth:

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

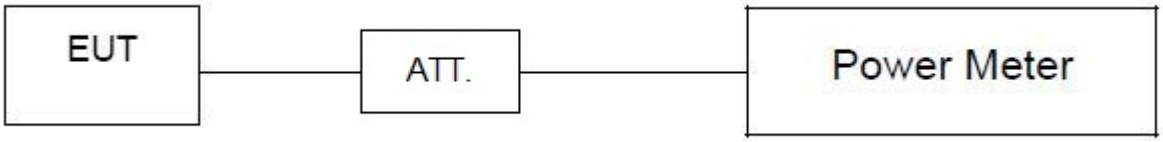
6.2 TEST PROCEDURE

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

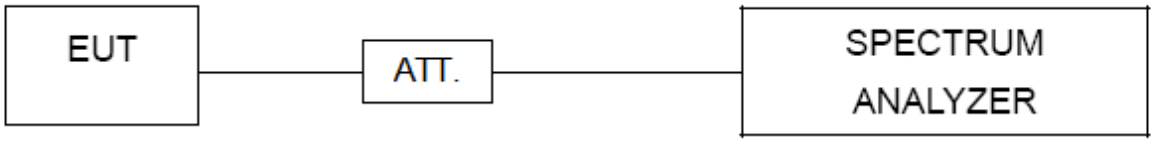
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. The following table is the setting of the spectrum analyzer:

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. 20, 2022
2	TWO-LINE V-NETWORK	R&S	ENV216	101340	Aug. 23, 2021
3	Test Cable	emci	EMCRG400-BM-NM-10000	170628	Apr. 11, 2022
4	EMI Test Receiver	R&S	ESCI	100082	Mar. 21, 2022
5	50Ω Terminator	SHX	TF2-1G-A	17051602	Mar. 20, 2022
6	50Ω coaxial switch	Anritsu	MP59B	6201750902	Mar. 20, 2022
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EMCI	EMCI LPA600	275	Apr. 15, 2022
2	Cable	N/A	EMCRG400-BM-NM-10000	170628	Apr. 11, 2022
3	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 21, 2022
4	Measurement Software	Farad	EZ-EMC Ver.BTL-2ANT-1	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. 20, 2022
3	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 21, 2022
4	Test Cable	emci	EMC104-SM-SM-7000	170330	Apr. 11, 2022
5	Test Cable	emci	EMC104-SM-SM-1000	170331	Apr. 11, 2022
6	Test Cable	emci	EMC104-SM-NM-3500	170621	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	9120D-1786	Mar. 26, 2022
2	Pre-Amplifier	emci	EMC012645SE	980421	May. 10, 2022
3	EXA Spectrum Analyzer	Keysight	N9010A	MY56480545	Mar. 20, 2022
4	Test Cable	emci	EMC104-SM-SM-7000	170330	Apr. 11, 2022
5	Test Cable	emci	EMC104-SM-SM-1000	170331	Apr. 11, 2022
6	Test Cable	emci	EMC104-SM-NM-3500	170621	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	Mar. 27, 2022
10	Pre-Amplifier	emci	EMC184045SE	980409	Mar. 20, 2022
11	Test Cable	emci	EMC102-KM-KM-800	170654	Apr. 15, 2022
12	Test Cable	emci	Super Reliable-40G-SS11-7000	W0030860001	Apr. 15, 2022

Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 07, 2022
2	Attenuator	Solvang Technology	5.8GHz 0-65dB	STI02-0203-01	Aug. 23, 2021

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 07, 2022
2	Attenuator	Solvang Technology	5.8GHz 0-65dB	STI02-0203-01	Aug. 23, 2021

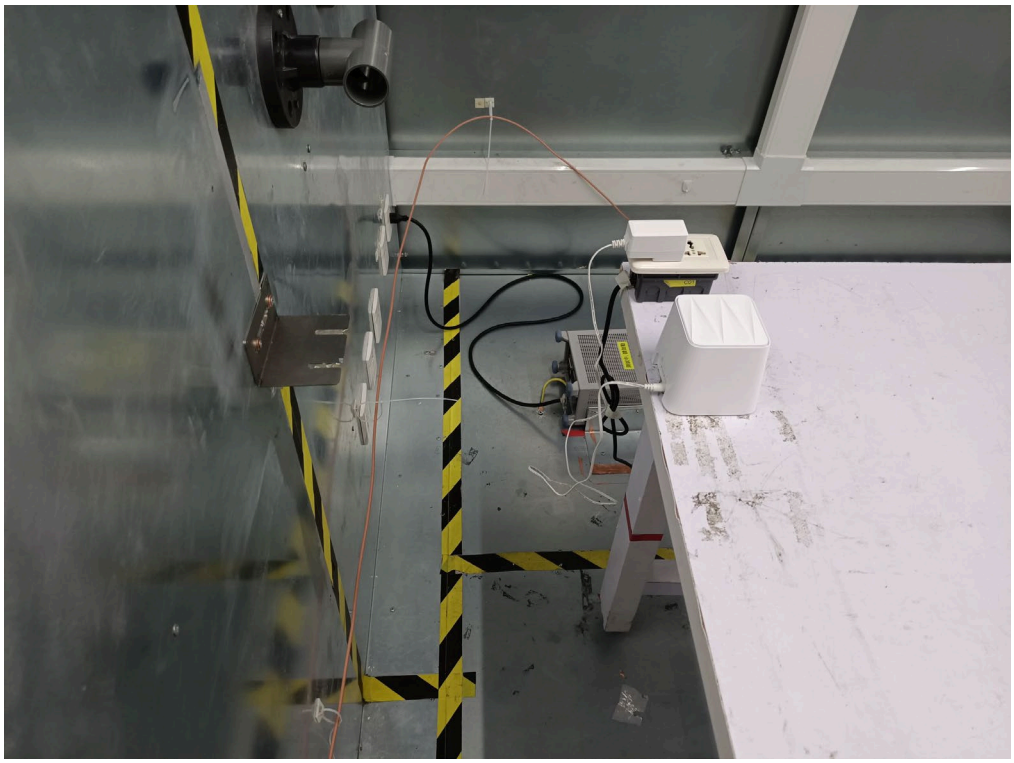
Antenna Conducted Spurious Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 07, 2022
2	Attenuator	Solvang Technology	5.8GHz 0-65dB	STI02-0203-01	Aug. 23, 2021

Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 07, 2022
2	Attenuator	Solvang Technology	5.8GHz 0-65dB	STI02-0203-01	Aug. 23, 2021

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

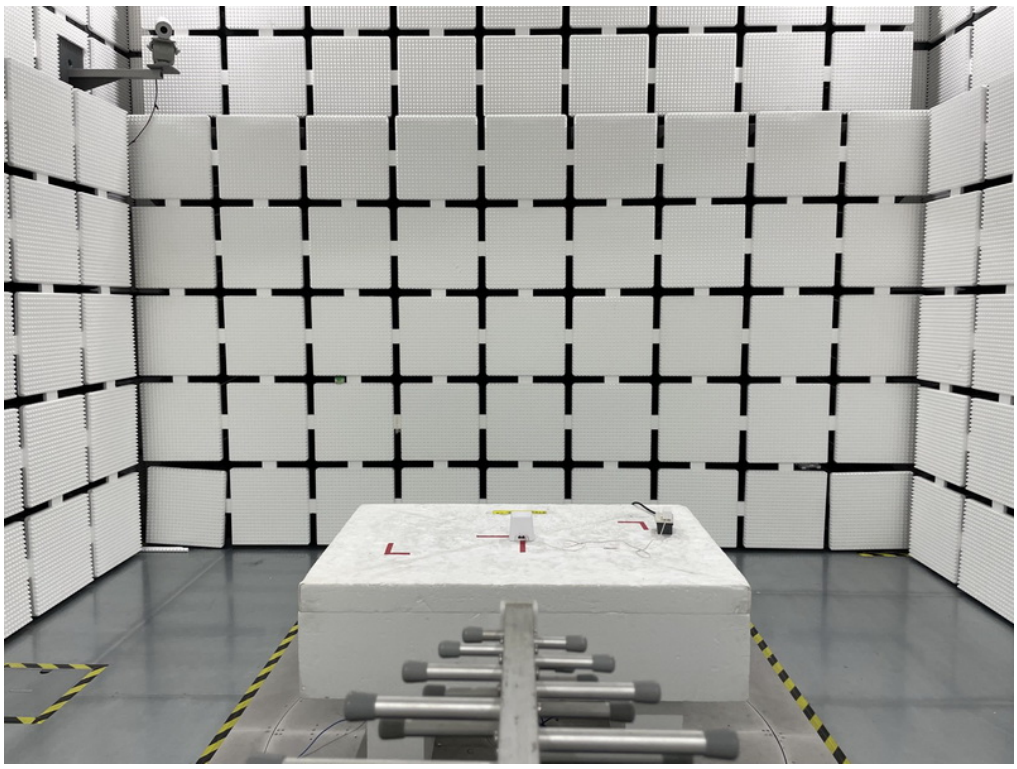
10. EUT TEST PHOTO

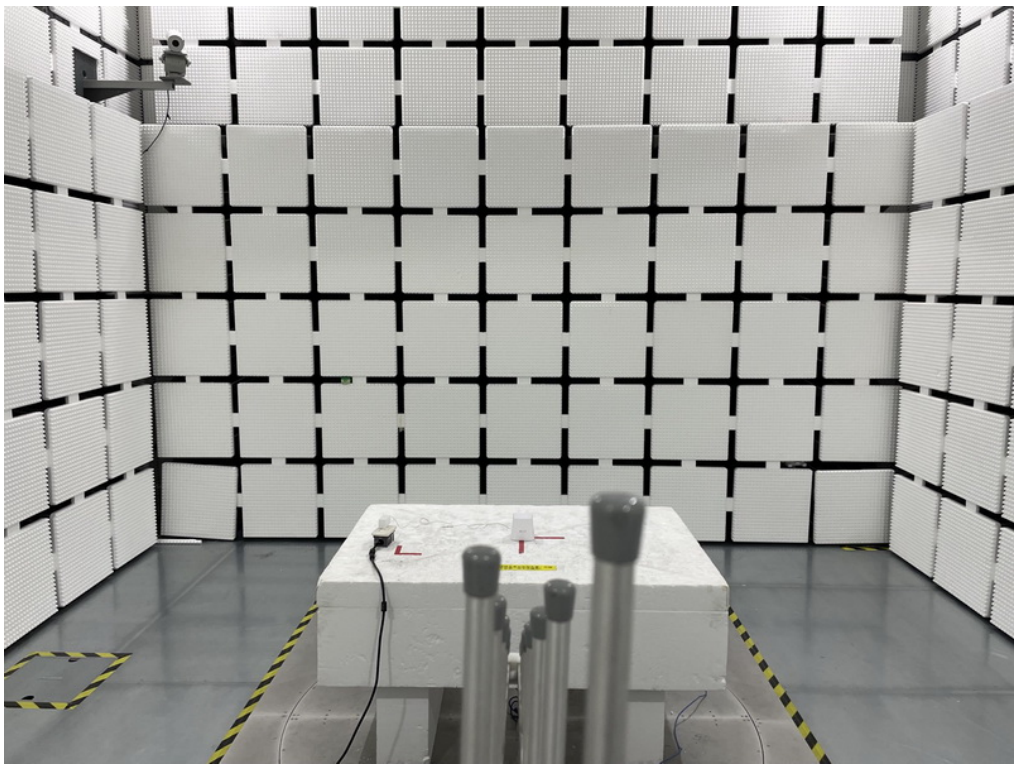
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

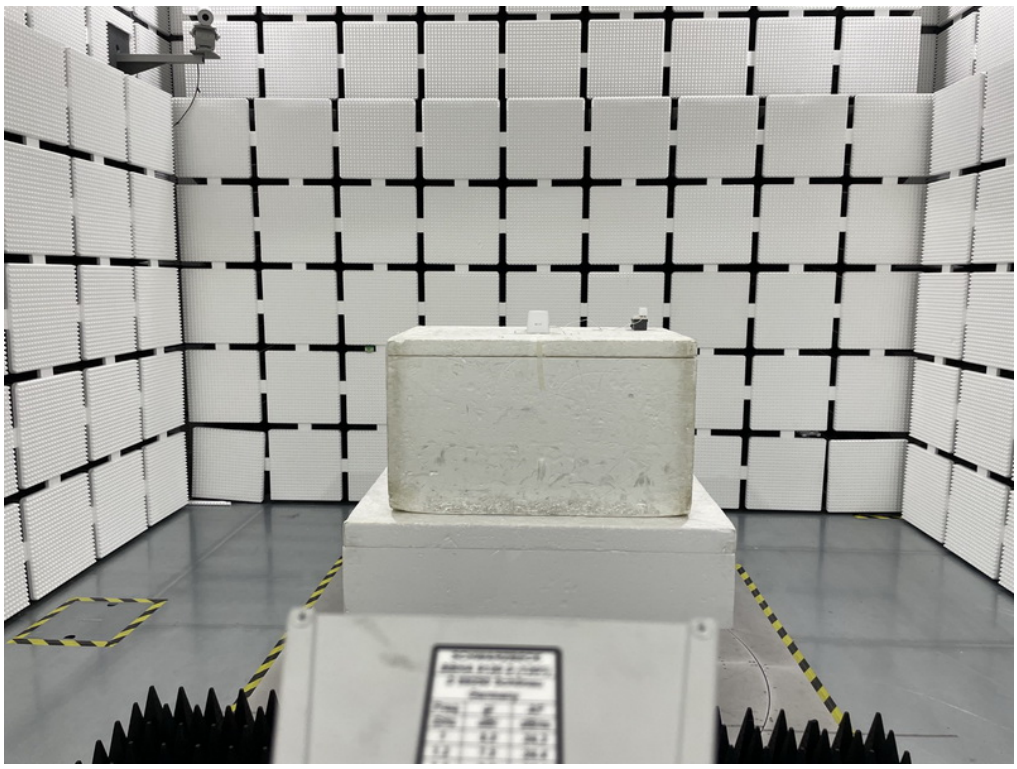
30 MHz to 1 GHz

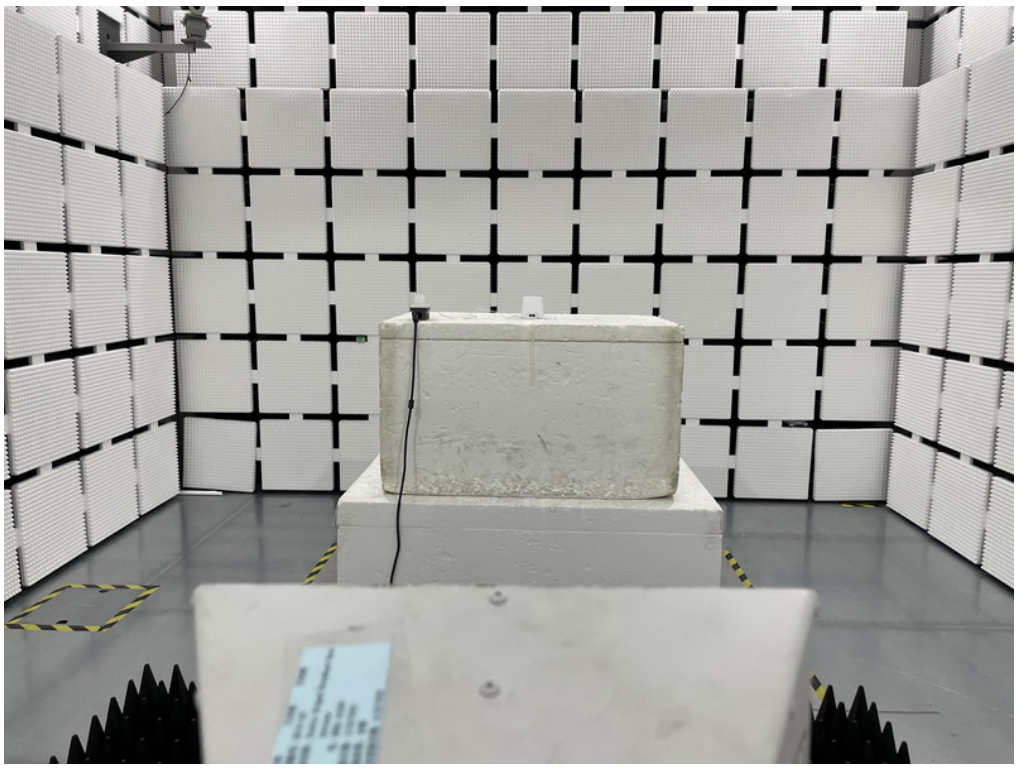




Radiated Emissions Test Photos

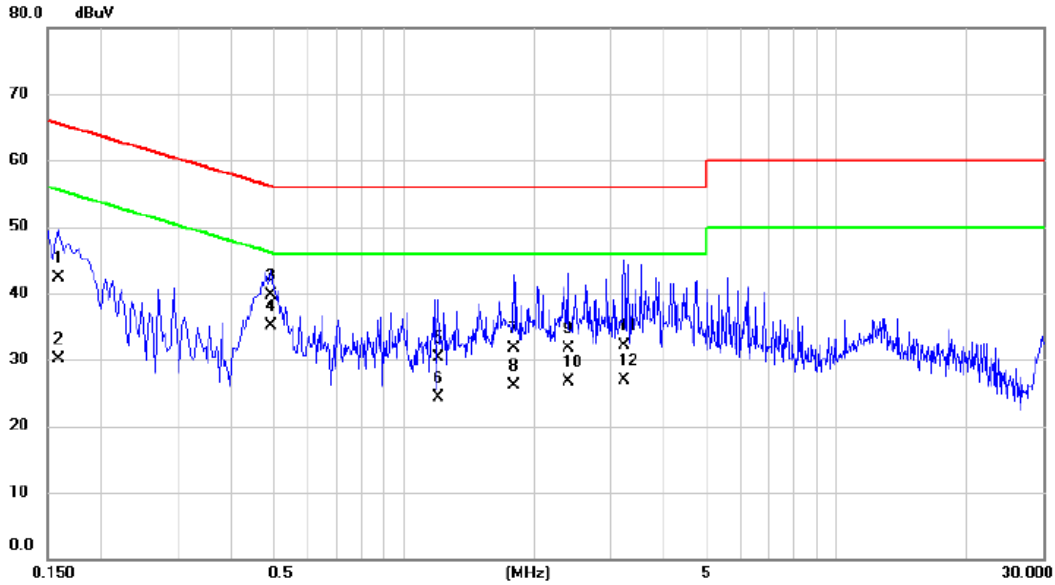
Above 1 GHz





APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

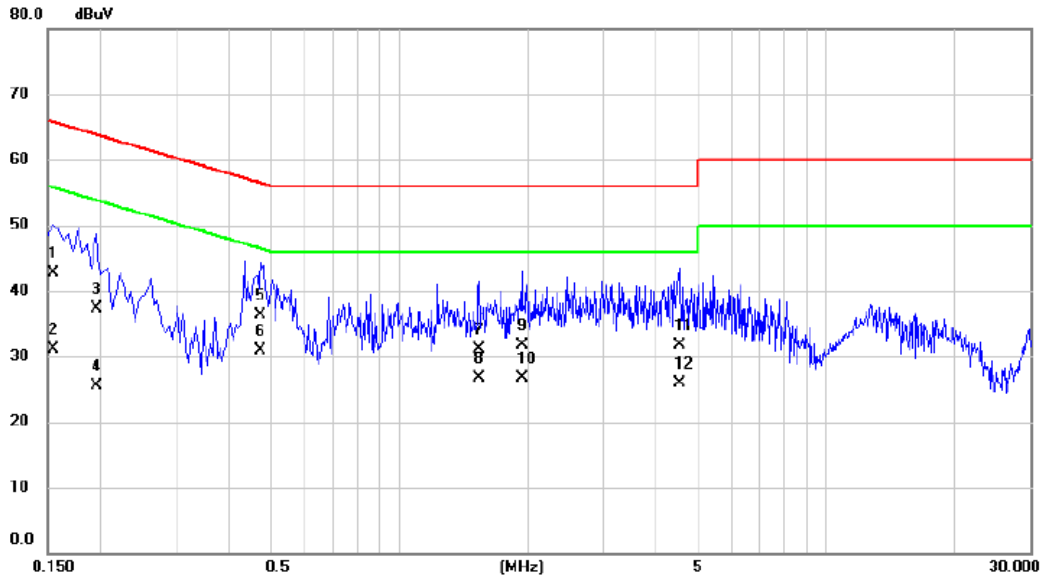
Test Mode	TX N(HT20) Mode Channel 01	Phase	Line
Test Voltage	AC 120V/60Hz		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1590	32.60	9.72	42.32	65.52	-23.20	QP	
2		0.1590	20.30	9.72	30.02	55.52	-25.50	AVG	
3		0.4920	29.90	9.79	39.69	56.13	-16.44	QP	
4	*	0.4920	25.30	9.79	35.09	46.13	-11.04	AVG	
5		1.1985	20.40	9.85	30.25	56.00	-25.75	QP	
6		1.1985	14.50	9.85	24.35	46.00	-21.65	AVG	
7		1.7925	21.90	9.89	31.79	56.00	-24.21	QP	
8		1.7925	16.20	9.89	26.09	46.00	-19.91	AVG	
9		2.3955	21.70	9.93	31.63	56.00	-24.37	QP	
10		2.3955	16.80	9.93	26.73	46.00	-19.27	AVG	
11		3.2325	22.10	9.98	32.08	56.00	-23.92	QP	
12		3.2325	16.90	9.98	26.88	46.00	-19.12	AVG	

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

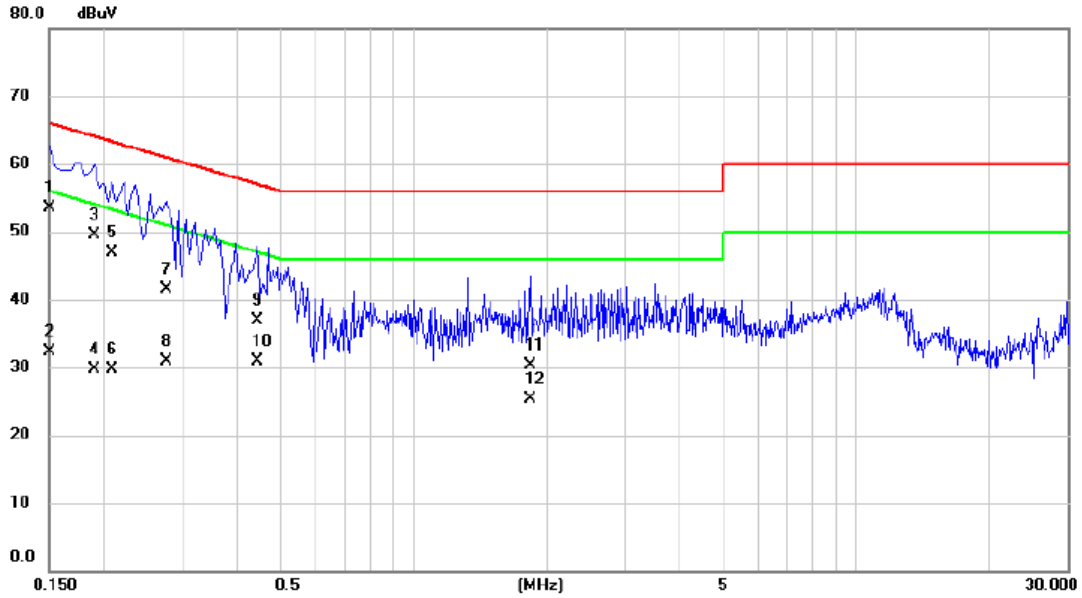
Test Mode	TX N(HT20) Mode Channel 01	Phase	Neutral
Test Voltage	AC 120V/60Hz		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1545	33.10	9.69	42.79	65.75	-22.96	QP	
2		0.1545	21.40	9.69	31.09	55.75	-24.66	AVG	
3		0.1950	27.50	9.71	37.21	63.82	-26.61	QP	
4		0.1950	15.80	9.71	25.51	53.82	-28.31	AVG	
5		0.4740	26.50	9.77	36.27	56.44	-20.17	QP	
6	*	0.4740	21.20	9.77	30.97	46.44	-15.47	AVG	
7		1.5360	21.20	9.85	31.05	56.00	-24.95	QP	
8		1.5360	16.90	9.85	26.75	46.00	-19.25	AVG	
9		1.9365	21.80	9.88	31.68	56.00	-24.32	QP	
10		1.9365	16.90	9.88	26.78	46.00	-19.22	AVG	
11		4.5195	21.80	9.99	31.79	56.00	-24.21	QP	
12		4.5195	16.00	9.99	25.99	46.00	-20.01	AVG	

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

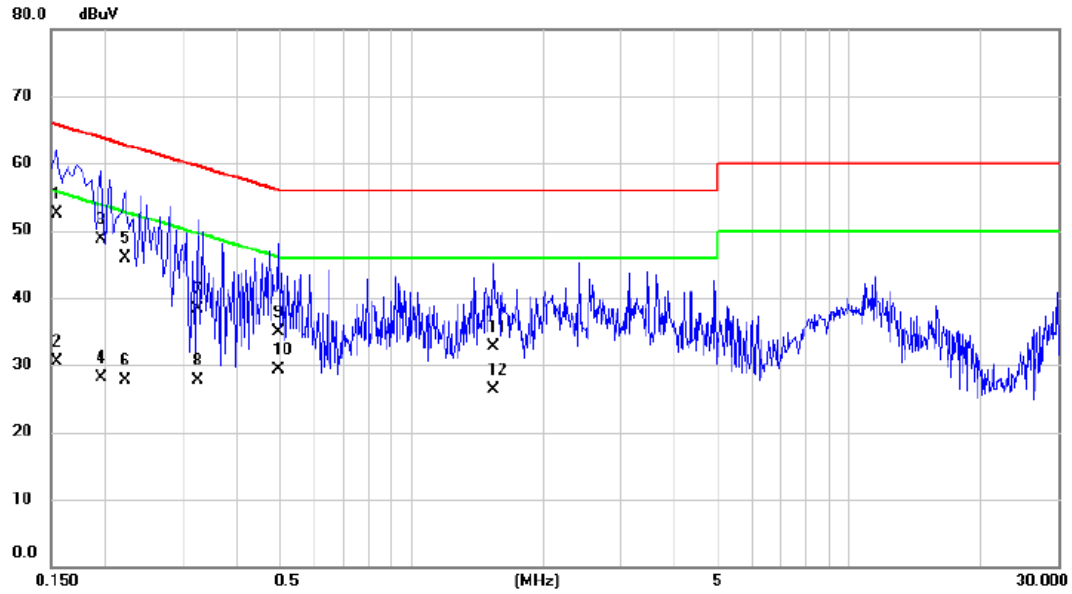
Test Mode	TX N(HT20) Mode Channel 01	Phase	Line
Test Voltage	AC 240V/50Hz		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	43.70	9.71	53.41	66.00	-12.59	QP	
2		0.1500	22.50	9.71	32.21	56.00	-23.79	AVG	
3		0.1905	39.70	9.74	49.44	64.01	-14.57	QP	
4		0.1905	19.90	9.74	29.64	54.01	-24.37	AVG	
5		0.2085	37.20	9.74	46.94	63.26	-16.32	QP	
6		0.2085	20.00	9.74	29.74	53.26	-23.52	AVG	
7		0.2760	31.70	9.76	41.46	60.94	-19.48	QP	
8		0.2760	21.20	9.76	30.96	50.94	-19.98	AVG	
9		0.4425	27.10	9.78	36.88	57.01	-20.13	QP	
10		0.4425	21.20	9.78	30.98	47.01	-16.03	AVG	
11		1.8330	20.50	9.89	30.39	56.00	-25.61	QP	
12		1.8330	15.50	9.89	25.39	46.00	-20.61	AVG	

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

Test Mode	TX N(HT20) Mode Channel 01	Phase	Neutral
Test Voltage	AC 240V/50Hz		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1545	42.90	9.69	52.59	65.75	-13.16	QP	
2		0.1545	20.90	9.69	30.59	55.75	-25.16	AVG	
3		0.1950	39.00	9.71	48.71	63.82	-15.11	QP	
4		0.1950	18.40	9.71	28.11	53.82	-25.71	AVG	
5		0.2220	36.20	9.71	45.91	62.74	-16.83	QP	
6		0.2220	17.90	9.71	27.61	52.74	-25.13	AVG	
7		0.3255	28.50	9.74	38.24	59.57	-21.33	QP	
8		0.3255	17.90	9.74	27.64	49.57	-21.93	AVG	
9		0.4965	25.20	9.77	34.97	56.06	-21.09	QP	
10		0.4965	19.50	9.77	29.27	46.06	-16.79	AVG	
11		1.5405	22.90	9.85	32.75	56.00	-23.25	QP	
12		1.5405	16.40	9.85	26.25	46.00	-19.75	AVG	

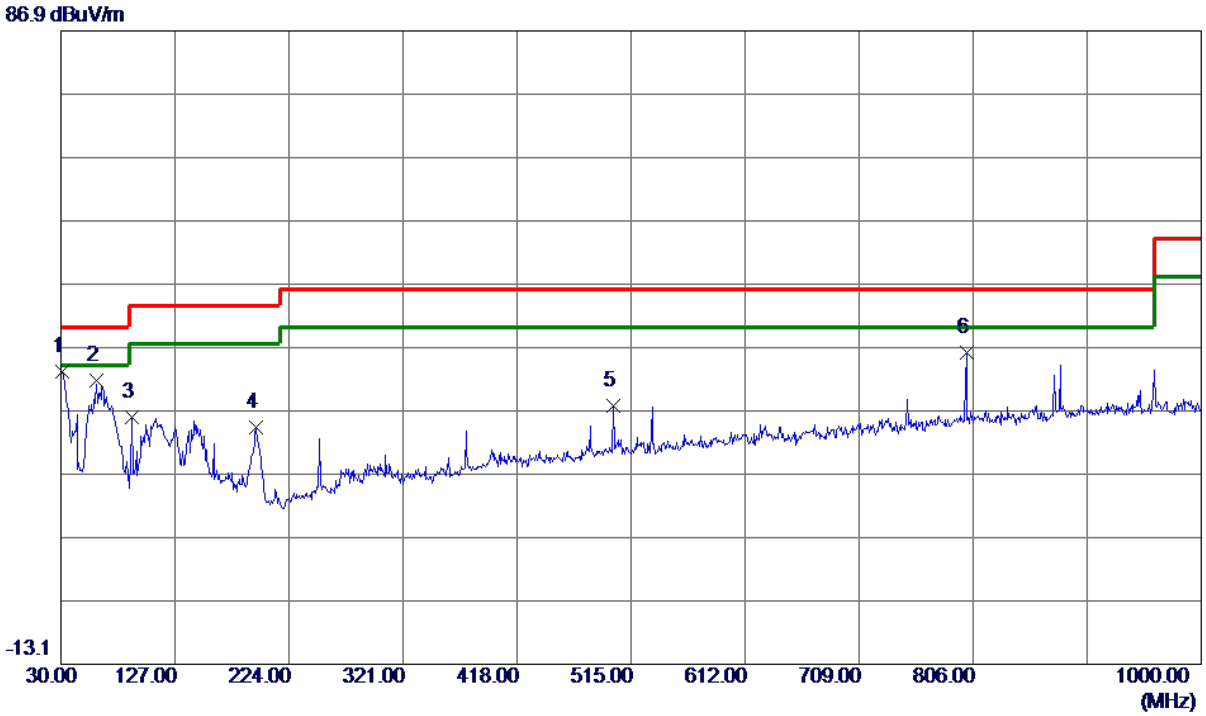
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

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

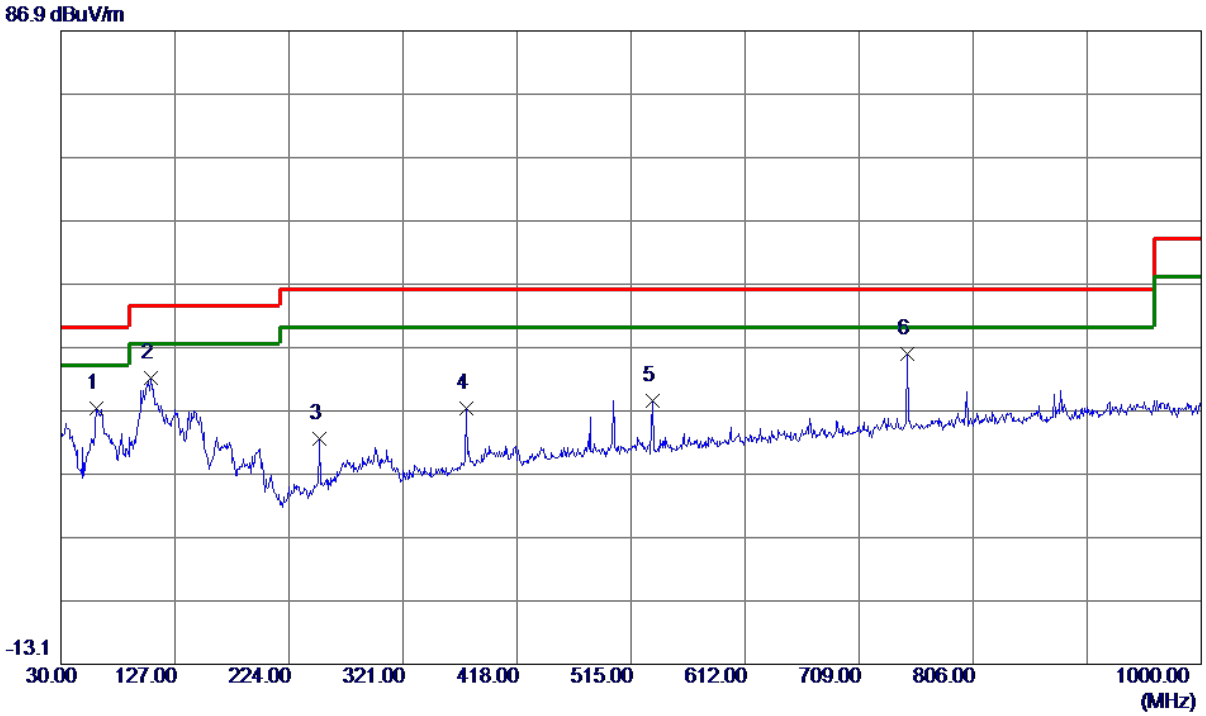
Test Mode	TX N(HT20) Mode Channel 01	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.4550	51.41	-18.37	33.04	40.00	-6.96	Peak	
2	60.0700	48.84	-17.20	31.64	40.00	-8.36	Peak	
3	90.1400	48.26	-22.28	25.98	43.50	-17.52	Peak	
4	195.8700	43.23	-18.93	24.30	43.50	-19.20	Peak	
5	499.9650	38.96	-11.21	27.75	46.00	-18.25	Peak	
6	800.1800	42.61	-6.53	36.08	46.00	-9.92	Peak	

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

Test Mode	TX N(HT20) Mode Channel 01	Polarization	Horizontal

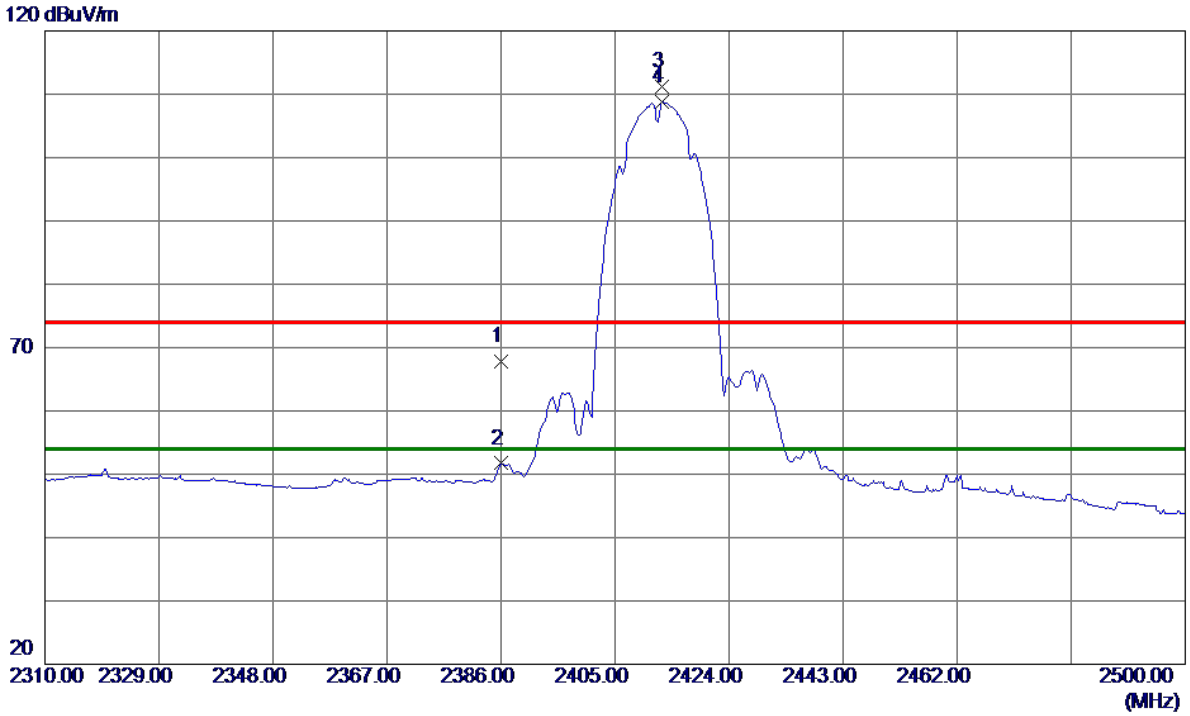


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	60.0700	44.56	-17.20	27.36	40.00	-12.64	Peak	
2	106.6300	52.27	-20.21	32.06	43.50	-11.44	Peak	
3	250.1900	39.91	-17.35	22.56	46.00	-23.44	Peak	
4	374.8350	41.16	-13.90	27.26	46.00	-18.74	Peak	
5	532.9450	39.18	-10.73	28.45	46.00	-17.55	Peak	
6 *	750.2250	43.07	-7.23	35.84	46.00	-10.16	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	2386.0950	36.09	31.75	67.84	74.00	-6.16	Peak	
2	2386.0950	19.95	31.75	51.70	54.00	-2.30	AVG	
3	2412.8850	79.47	31.72	111.19	74.00	37.19	Peak	No limit
4 *	2412.8850	77.11	31.72	108.83	54.00	54.83	AVG	No limit

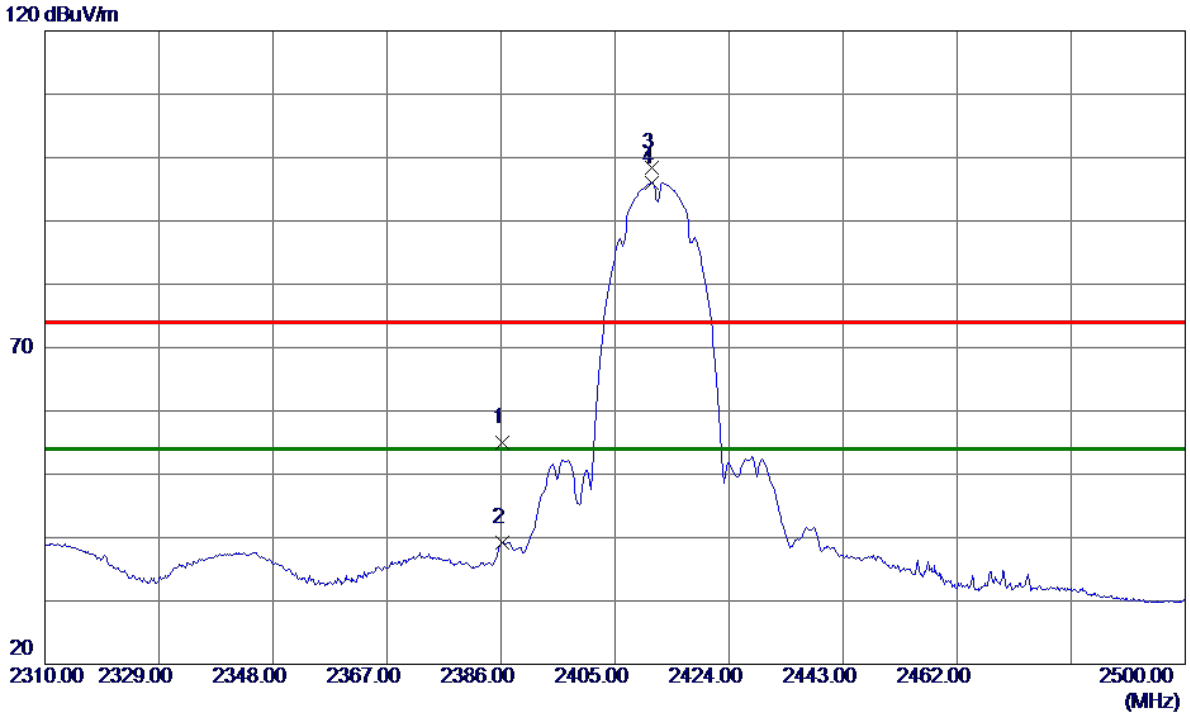
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX B Mode 2412 MHz	Polarization	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	63.23	-9.85	53.38	74.00	-20.62	Peak	
2 *	4824.0120	62.64	-9.85	52.79	54.00	-1.21	AVG	

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

Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2386.1900	23.29	31.75	55.04	74.00	-18.96	Peak	
2	2386.1900	7.53	31.75	39.28	54.00	-14.72	AVG	
3	2411.1750	66.66	31.72	98.38	74.00	24.38	Peak	No limit
4 *	2411.1750	64.33	31.72	96.05	54.00	42.05	AVG	No limit

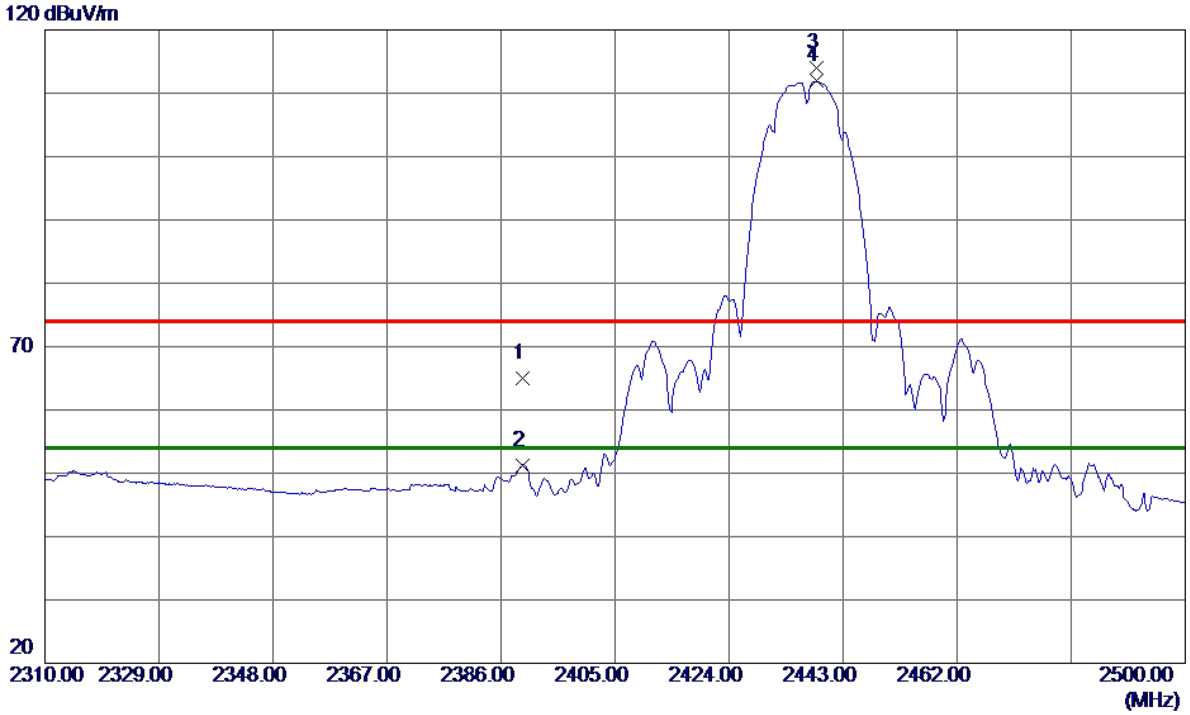
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4825.0000	59.45	-9.85	49.60	74.00	-24.40	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	2389.5149	33.20	31.74	64.94	74.00	-9.06	Peak	
2	2389.5149	19.49	31.74	51.23	54.00	-2.77	AVG	
3	2438.6299	82.25	31.72	113.97	74.00	39.97	Peak	No limit
4 *	2438.6299	80.18	31.72	111.90	54.00	57.90	AVG	No limit

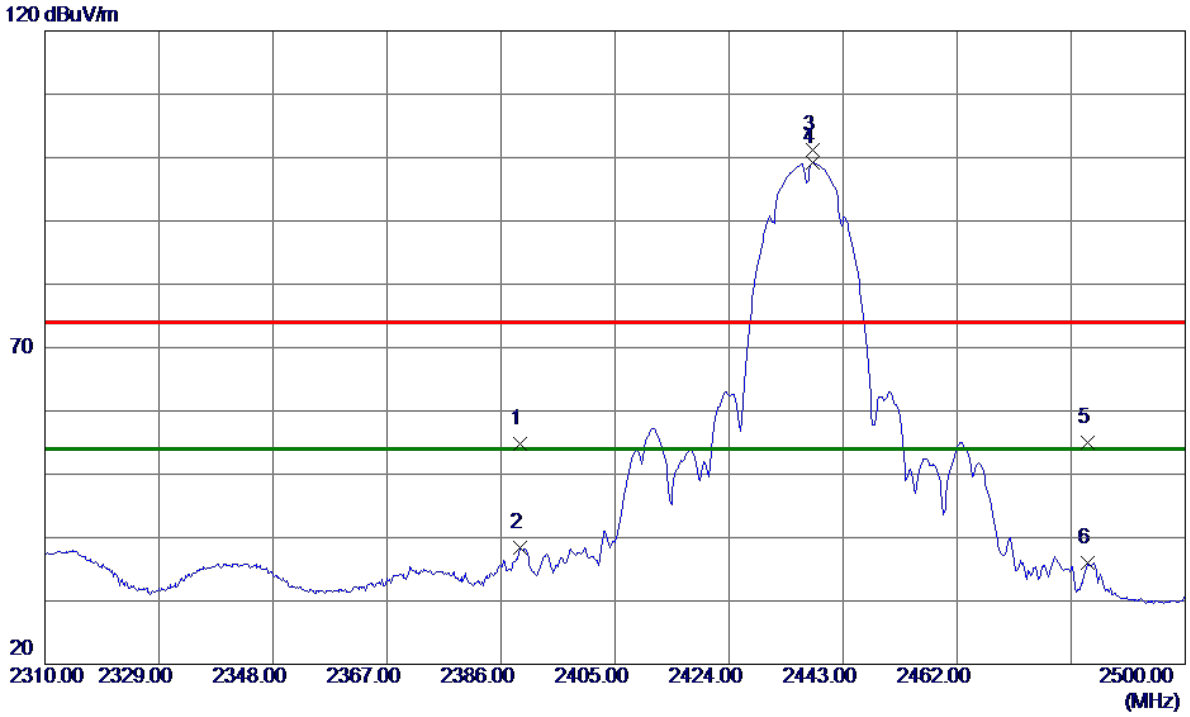
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0419	61.72	-9.77	51.95	54.00	-2.05	AVG	
2	4874.7250	62.60	-9.77	52.83	74.00	-21.17	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	2389.2300	23.06	31.74	54.80	74.00	-19.20	Peak	
2	2389.2300	6.74	31.74	38.48	54.00	-15.52	AVG	
3	2437.9650	69.43	31.72	101.15	74.00	27.15	Peak	No limit
4 *	2437.9650	67.42	31.72	99.14	54.00	45.14	AVG	No limit
5	2483.8500	23.34	31.71	55.05	74.00	-18.95	Peak	
6	2483.8500	4.37	31.71	36.08	54.00	-17.92	AVG	

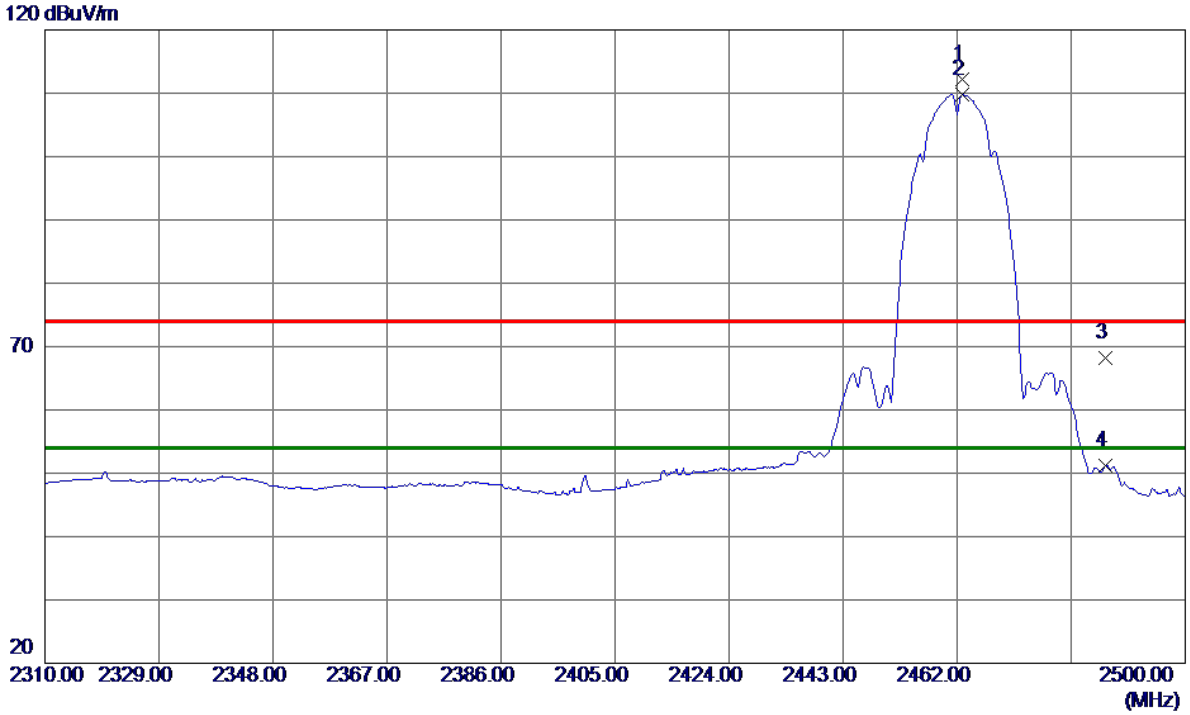
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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 *	4874.0770	58.67	-9.77	48.90	54.00	-5.10	AVG	
2	4874.7250	57.93	-9.77	48.16	74.00	-25.84	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	80.57	31.71	112.28	74.00	38.28	Peak	No limit
2 *	2462.9500	78.13	31.71	109.84	54.00	55.84	AVG	No limit
3	2486.7000	36.43	31.71	68.14	74.00	-5.86	Peak	
4	2486.7000	19.58	31.71	51.29	54.00	-2.71	AVG	

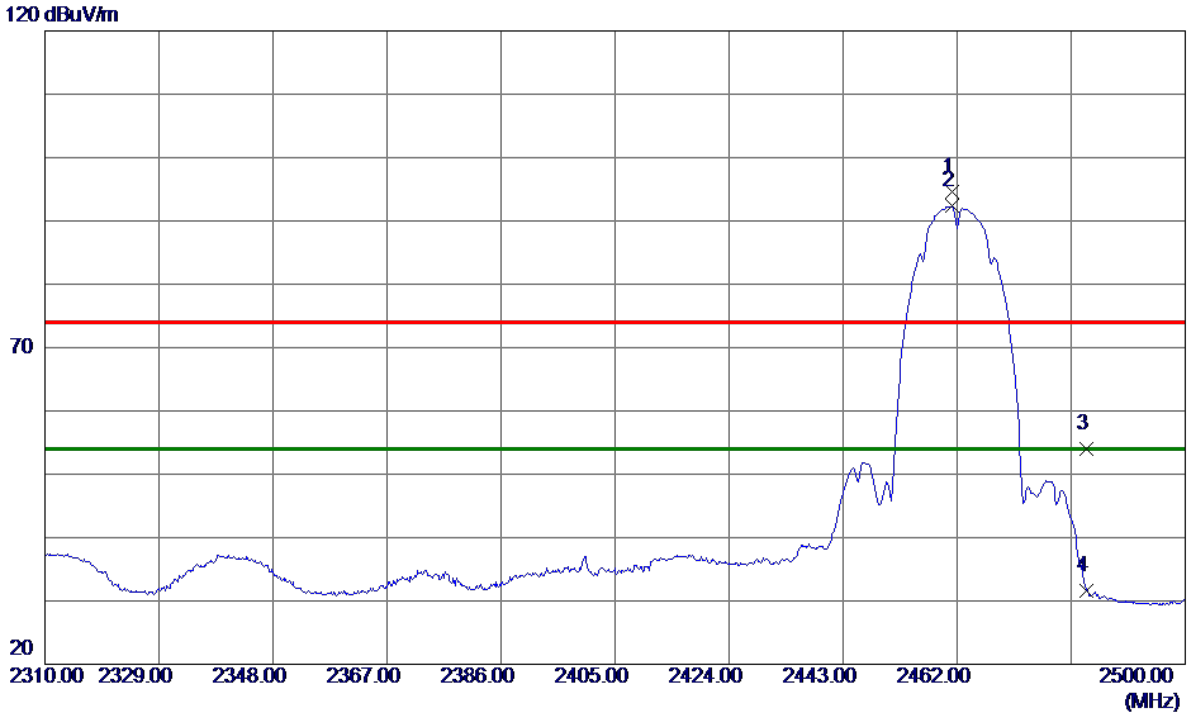
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0339	62.08	-9.64	52.44	54.00	-1.56	AVG	
2	4924.4500	63.68	-9.64	54.04	74.00	-19.96	Peak	

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

Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2461.1450	62.88	31.71	94.59	74.00	20.59	Peak	No limit
2 *	2461.1450	60.64	31.71	92.35	54.00	38.35	AVG	No limit
3	2483.5000	22.22	31.71	53.93	74.00	-20.07	Peak	
4	2483.5000	-0.11	31.71	31.60	54.00	-22.40	AVG	

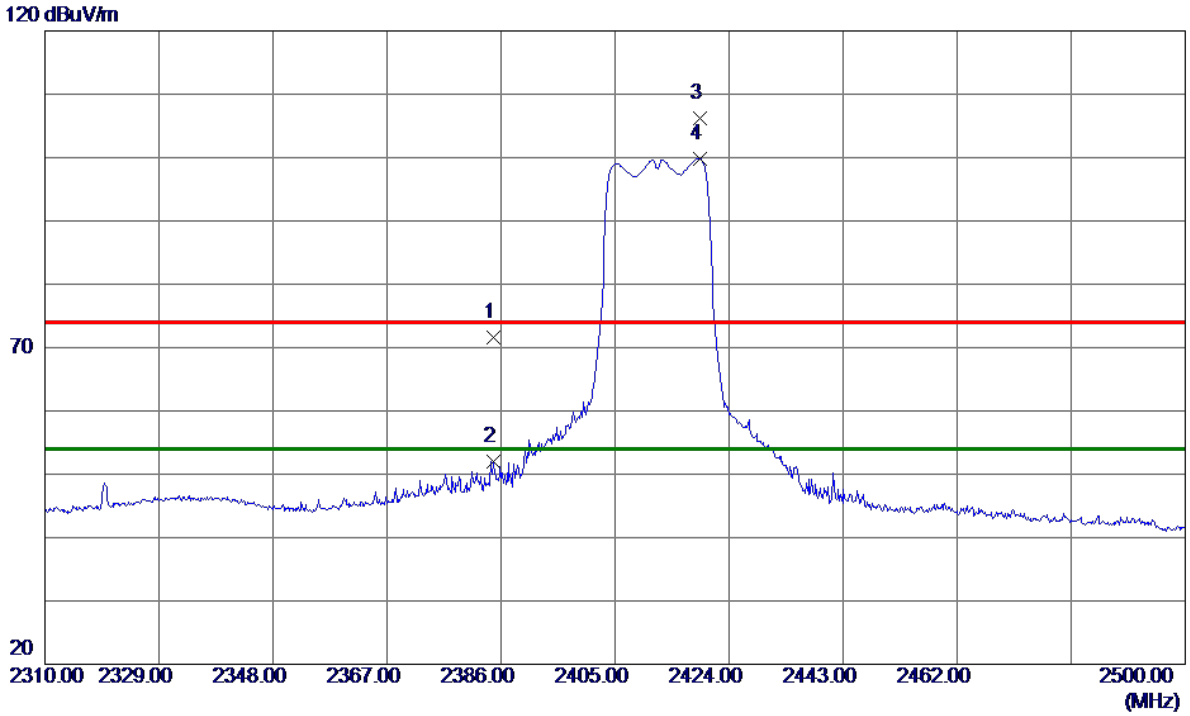
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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	58.84	-9.64	49.20	74.00	-24.80	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	2384.6700	39.91	31.75	71.66	74.00	-2.34	Peak	
2	2384.6700	20.29	31.75	52.04	54.00	-1.96	AVG	
3	2419.0600	74.57	31.72	106.29	74.00	32.29	Peak	No limit
4 *	2419.0600	68.10	31.72	99.82	54.00	45.82	AVG	No limit

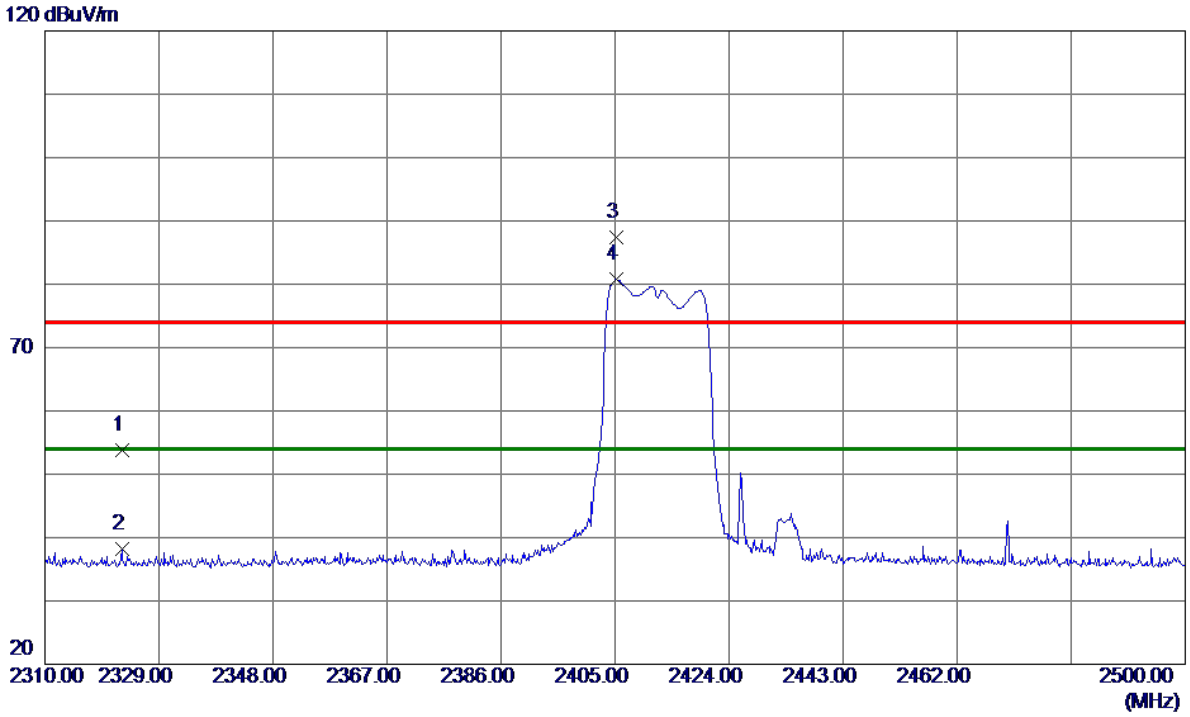
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX G Mode 2412 MHz	Polarization	Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4821.1750	55.68	-9.85	45.83	74.00	-28.17	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	2322.8250	21.97	31.87	53.84	74.00	-20.16	Peak	
2	2322.8250	6.39	31.87	38.26	54.00	-15.74	AVG	
3	2405.1900	55.71	31.72	87.43	74.00	13.43	Peak	No limit
4 *	2405.1900	49.00	31.72	80.72	54.00	26.72	AVG	No limit

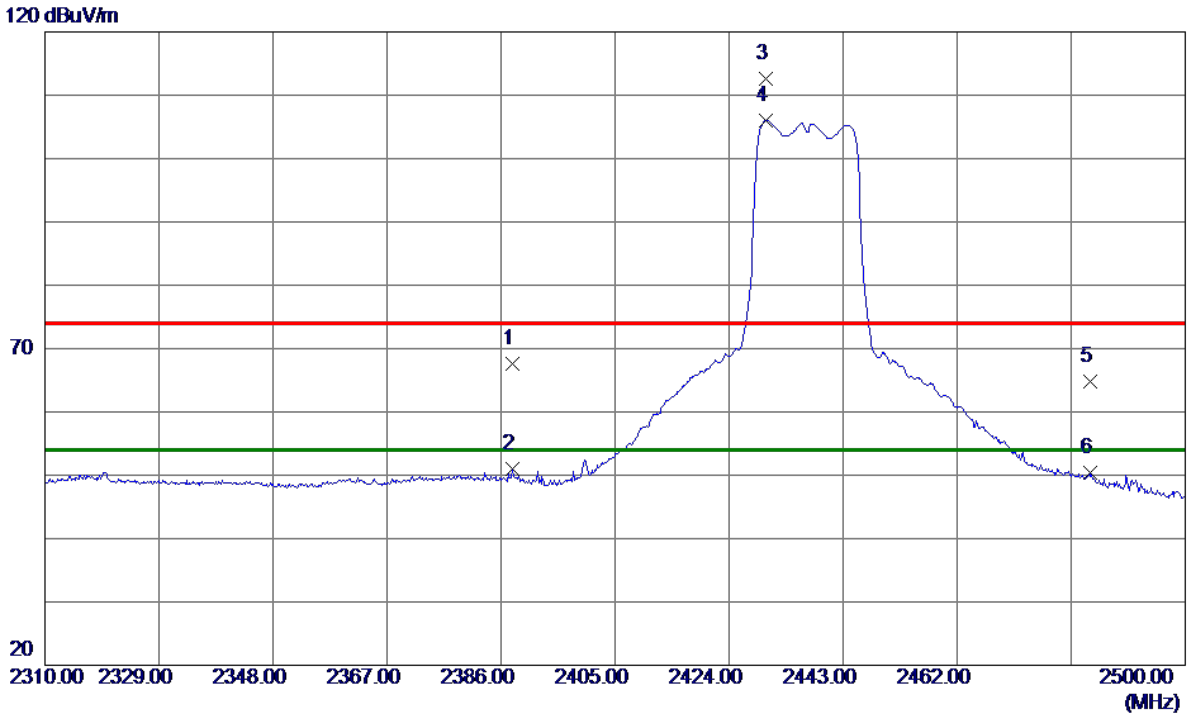
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4825.0000	54.72	-9.85	44.87	74.00	-29.13	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	2387.9000	35.94	31.74	67.68	74.00	-6.32	Peak	
2	2387.9000	19.24	31.74	50.98	54.00	-3.02	AVG	
3	2430.0800	80.89	31.72	112.61	74.00	38.61	Peak	No limit
4 *	2430.0800	74.29	31.72	106.01	54.00	52.01	AVG	No limit
5	2484.2300	33.12	31.71	64.83	74.00	-9.17	Peak	
6	2484.2300	18.68	31.71	50.39	54.00	-3.61	AVG	

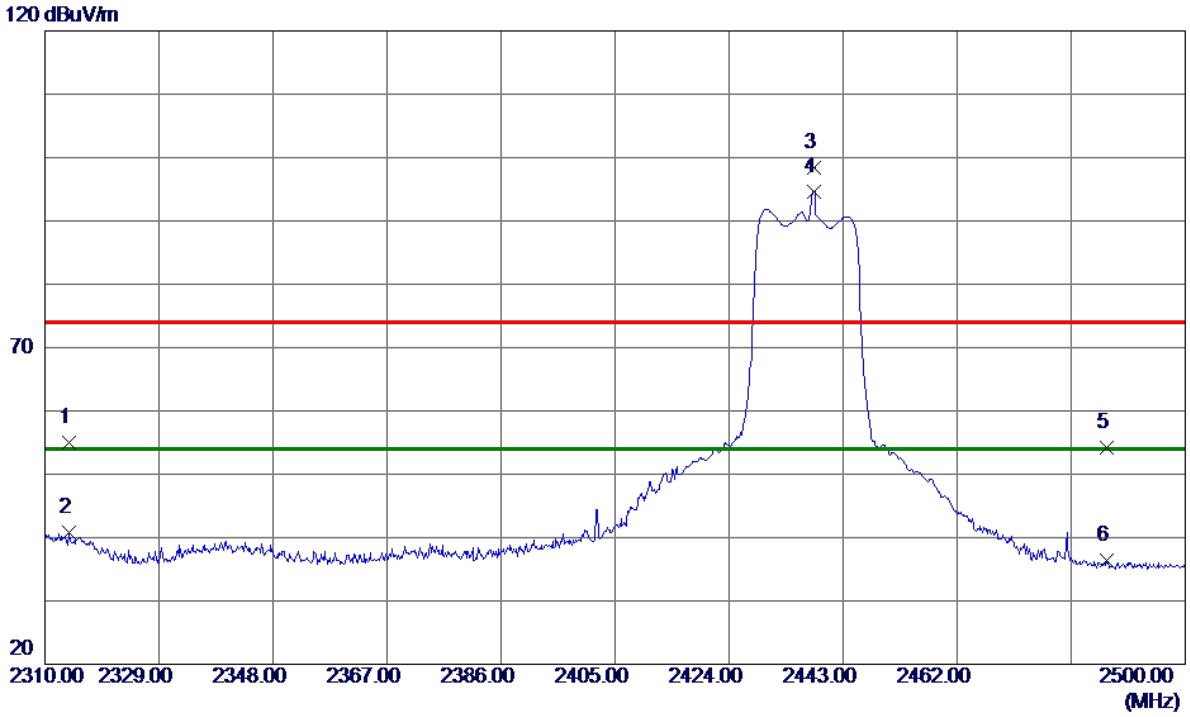
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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	4872.1750	64.62	-9.77	54.85	74.00	-19.15	Peak	
2 *	4873.7930	55.05	-9.77	45.28	54.00	-8.72	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	2313.9900	23.09	31.89	54.98	74.00	-19.02	Peak	
2	2313.9900	8.86	31.89	40.75	54.00	-13.25	AVG	
3	2438.0600	66.67	31.72	98.39	74.00	24.39	Peak	No limit
4 *	2438.0600	62.85	31.72	94.57	54.00	40.57	AVG	No limit
5	2486.8899	22.44	31.71	54.15	74.00	-19.85	Peak	
6	2486.8899	4.71	31.71	36.42	54.00	-17.58	AVG	

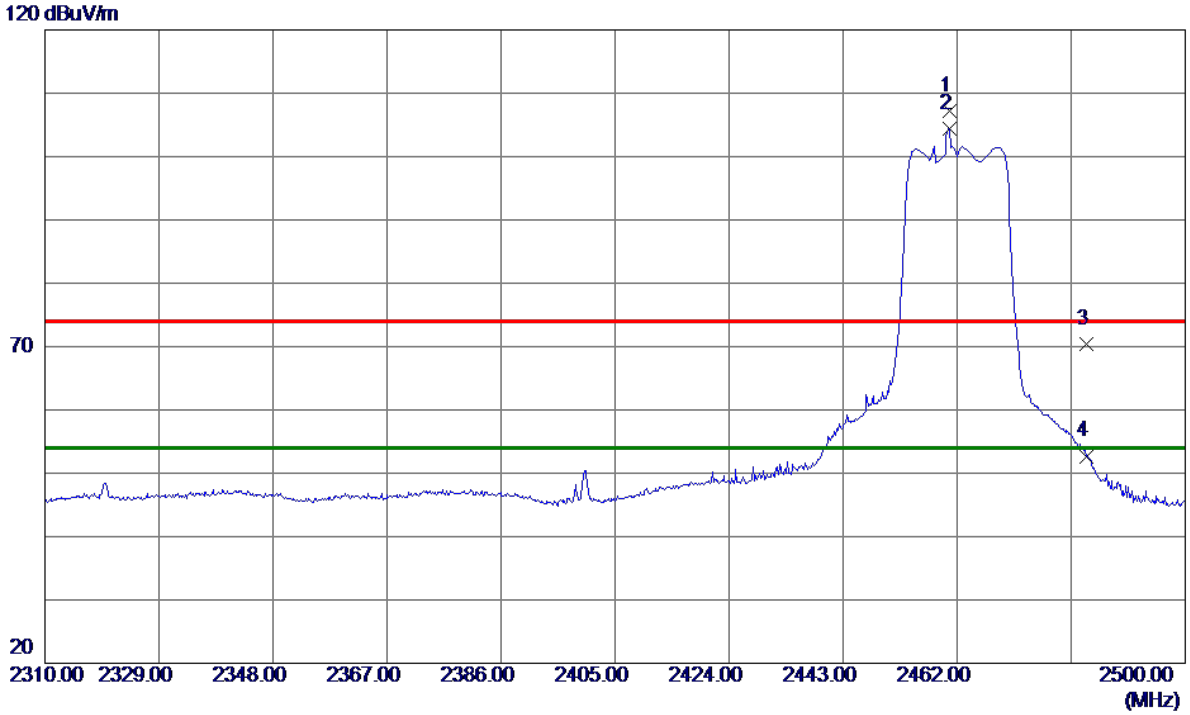
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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 *	4874.7250	60.15	-9.77	50.38	74.00	-23.62	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	2460.6700	75.43	31.71	107.14	74.00	33.14	Peak	No limit
2 *	2460.6700	72.76	31.71	104.47	54.00	50.47	AVG	No limit
3	2483.5000	38.71	31.71	70.42	74.00	-3.58	Peak	
4	2483.5000	20.99	31.71	52.70	54.00	-1.30	AVG	

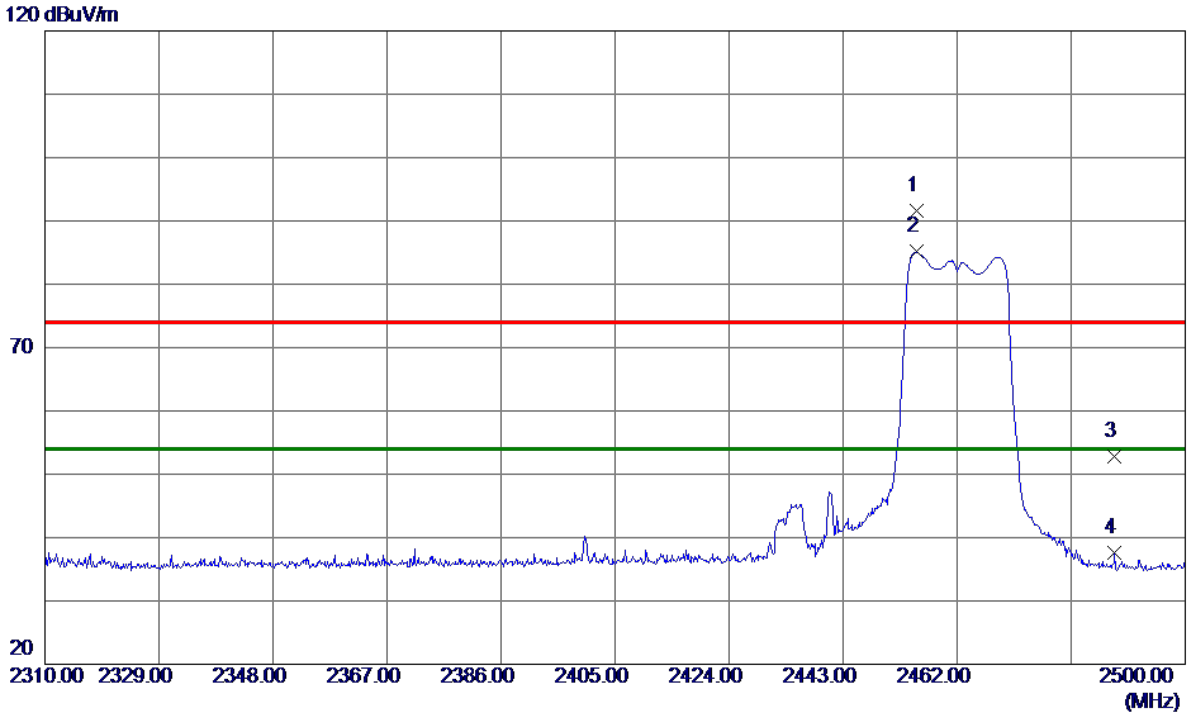
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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 *	4925.7250	55.99	-9.63	46.36	74.00	-27.64	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	2455.1600	59.94	31.71	91.65	74.00	17.65	Peak	No limit
2 *	2455.1600	53.41	31.71	85.12	54.00	31.12	AVG	No limit
3	2488.2200	21.17	31.71	52.88	74.00	-21.12	Peak	
4	2488.2200	5.98	31.71	37.69	54.00	-16.31	AVG	

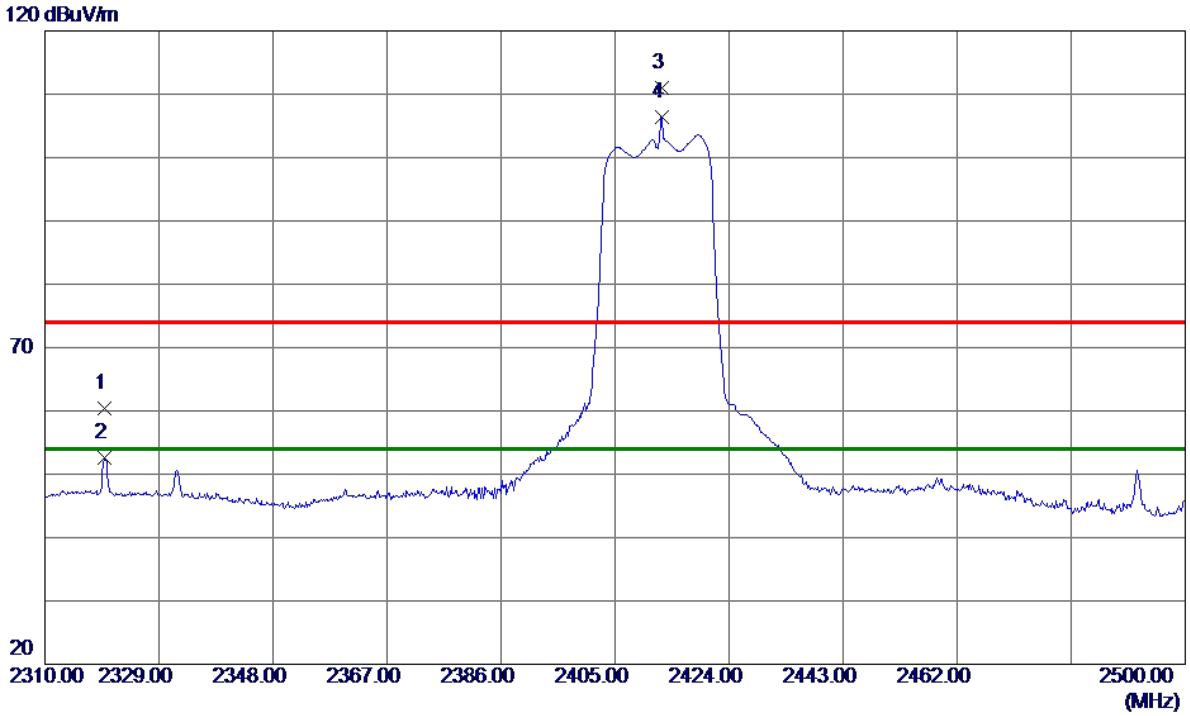
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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 *	4924.0000	51.67	-9.64	42.03	74.00	-31.97	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	2319.9750	28.56	31.88	60.44	74.00	-13.56	Peak	
2	2319.9750	20.65	31.88	52.53	54.00	-1.47	AVG	
3	2412.7900	79.20	31.72	110.92	74.00	36.92	Peak	No limit
4 *	2412.7900	74.69	31.72	106.41	54.00	52.41	AVG	No limit

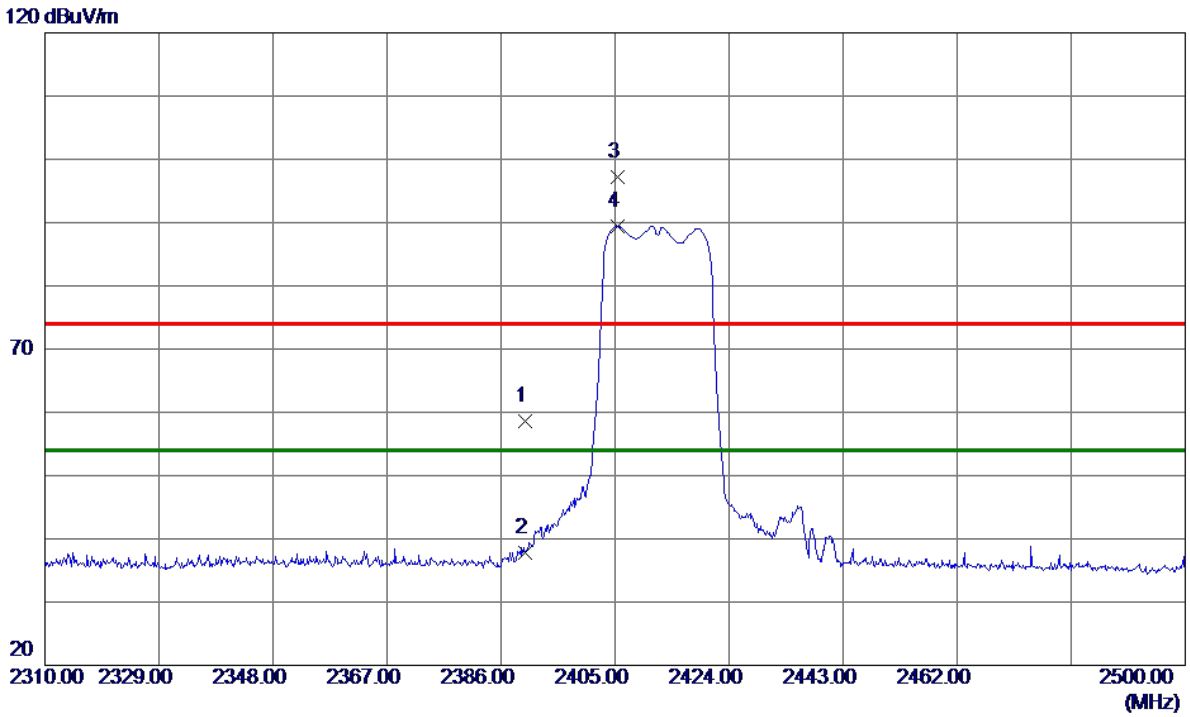
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4827.5500	56.24	-9.84	46.40	74.00	-27.60	Peak	

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

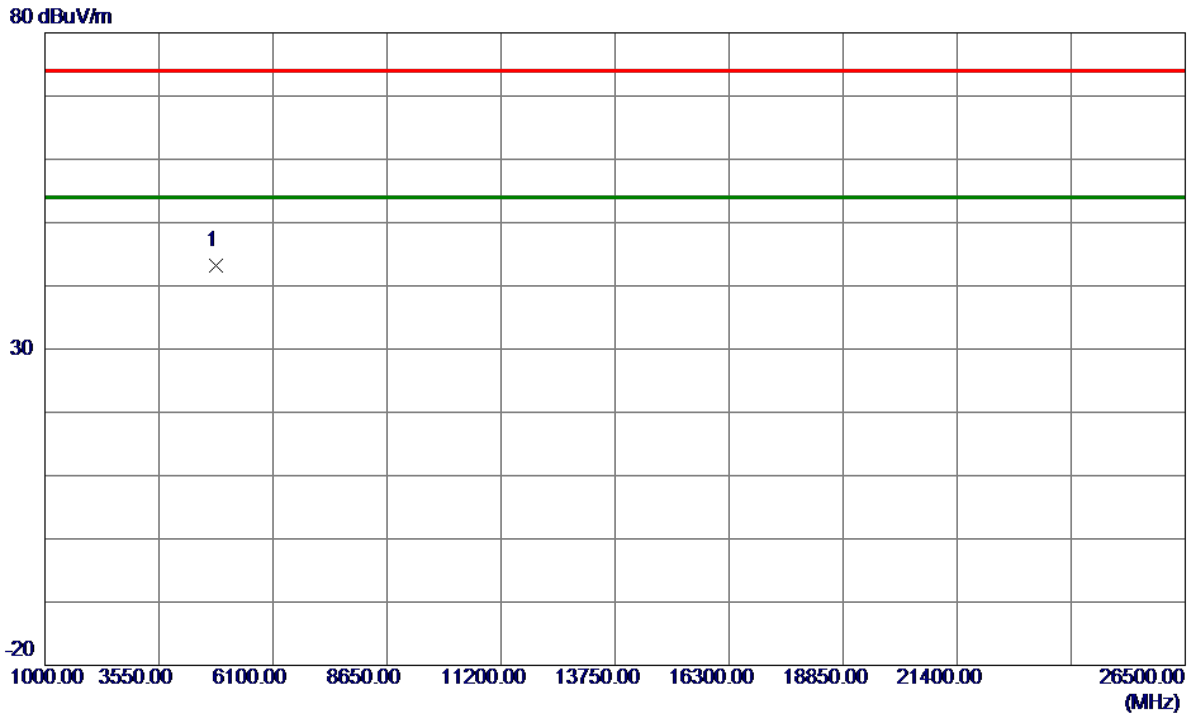
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	26.89	31.74	58.63	74.00	-15.37	Peak	
2	2390.0000	6.06	31.74	37.80	54.00	-16.20	AVG	
3	2405.3799	65.48	31.72	97.20	74.00	23.20	Peak	No limit
4 *	2405.3799	57.75	31.72	89.47	54.00	35.47	AVG	No limit

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

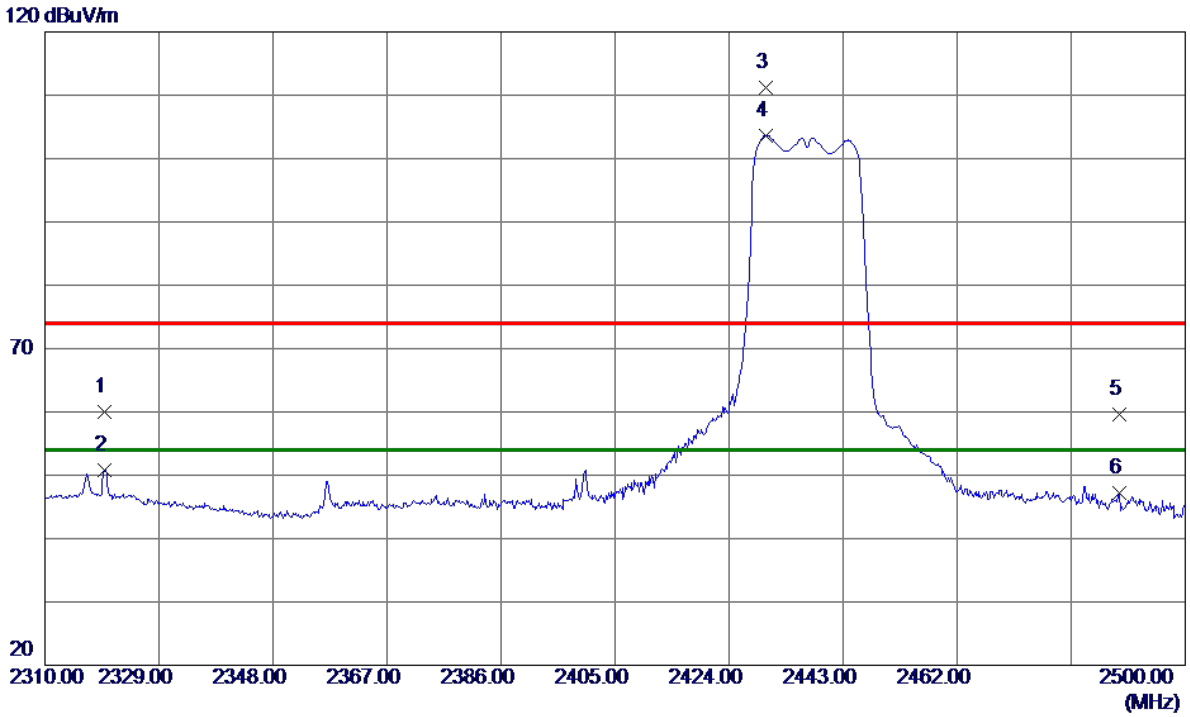
Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0000	52.99	-9.85	43.14	74.00	-30.86	Peak	

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

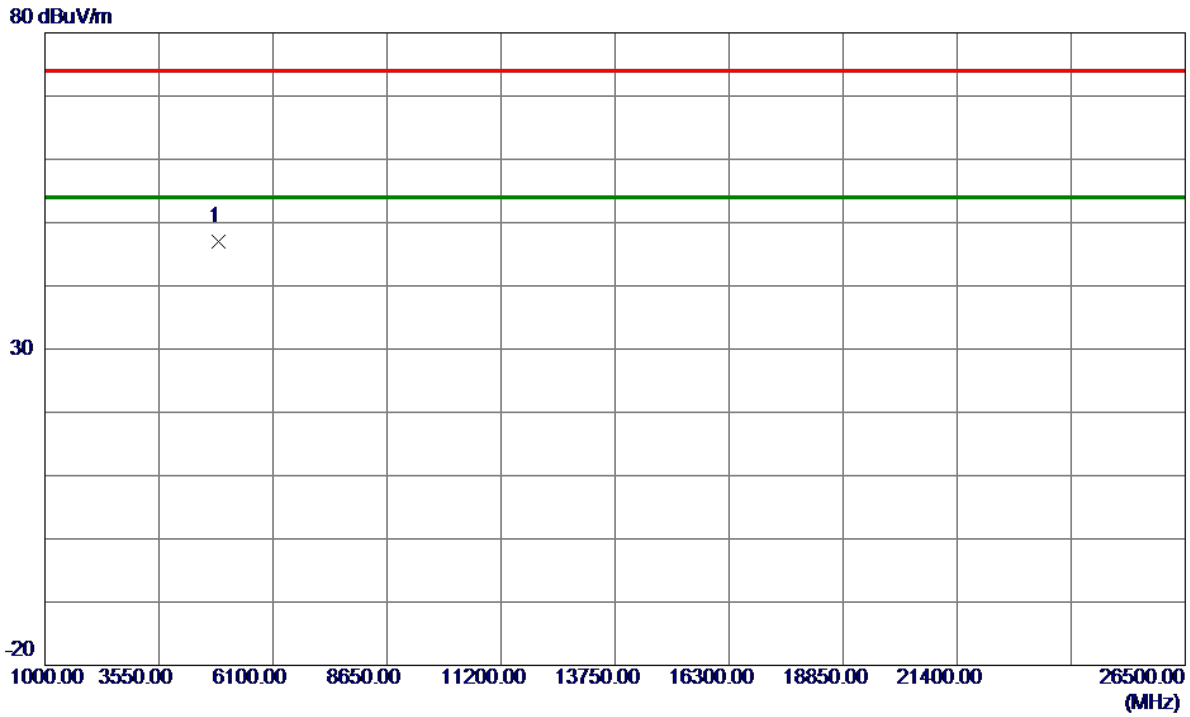
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2319.9750	28.15	31.88	60.03	74.00	-13.97	Peak	
2	2319.9750	18.87	31.88	50.75	54.00	-3.25	AVG	
3	2430.1750	79.46	31.72	111.18	74.00	37.18	Peak	No limit
4 *	2430.1750	71.97	31.72	103.69	54.00	49.69	AVG	No limit
5	2488.9800	27.93	31.71	59.64	74.00	-14.36	Peak	
6	2488.9800	15.43	31.71	47.14	54.00	-6.86	AVG	

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

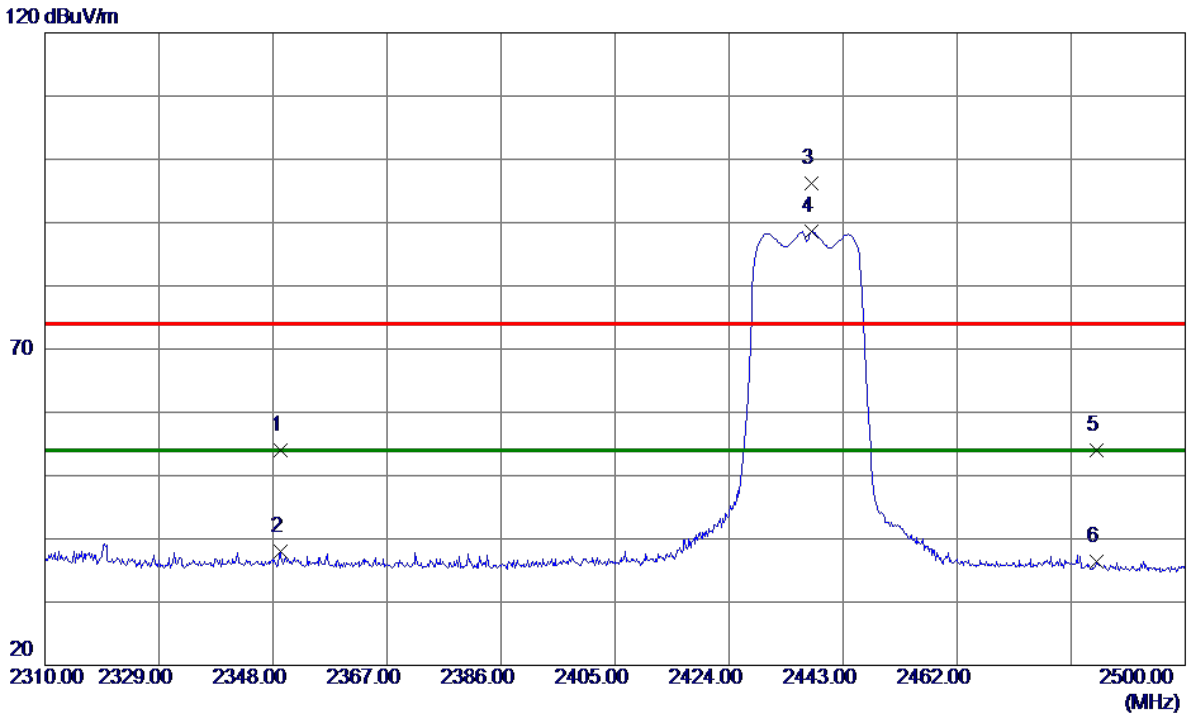
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.7250	56.75	-9.77	46.98	74.00	-27.02	Peak	

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

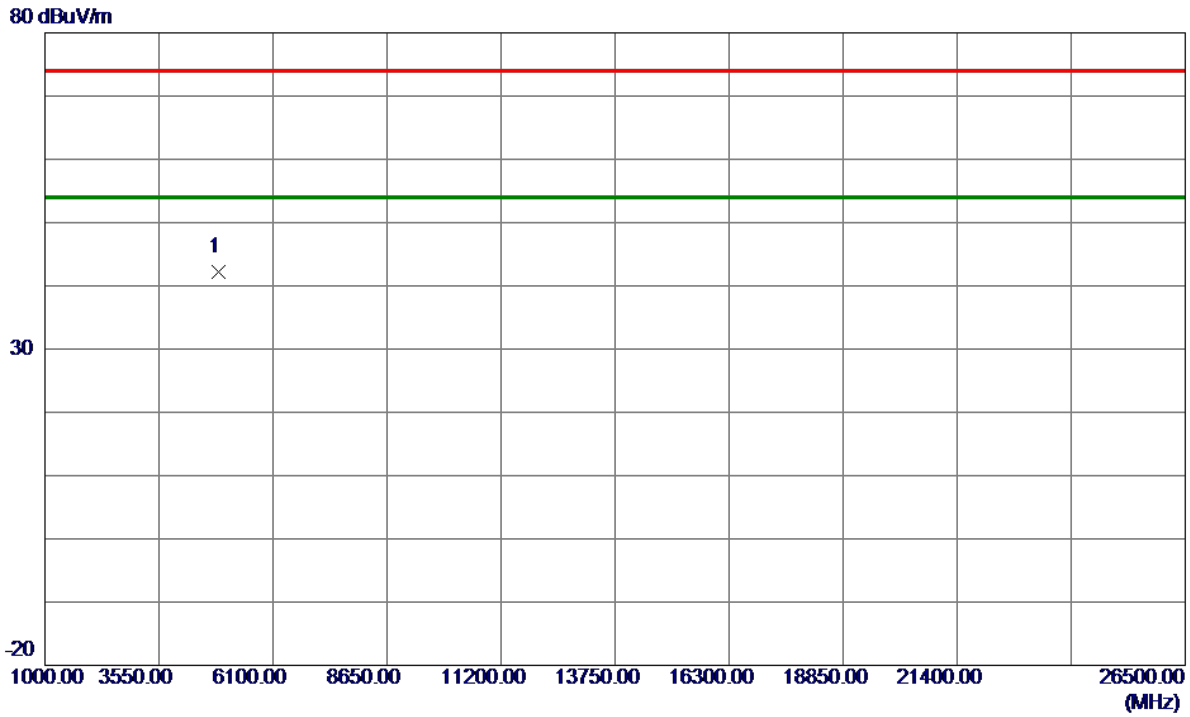
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2349.2350	22.18	31.82	54.00	74.00	-20.00	Peak	
2	2349.2350	6.13	31.82	37.95	54.00	-16.05	AVG	
3	2437.7750	64.49	31.72	96.21	74.00	22.21	Peak	No limit
4 *	2437.7750	56.88	31.72	88.60	54.00	34.60	AVG	No limit
5	2485.1800	22.34	31.71	54.05	74.00	-19.95	Peak	
6	2485.1800	4.65	31.71	36.36	54.00	-17.64	AVG	

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

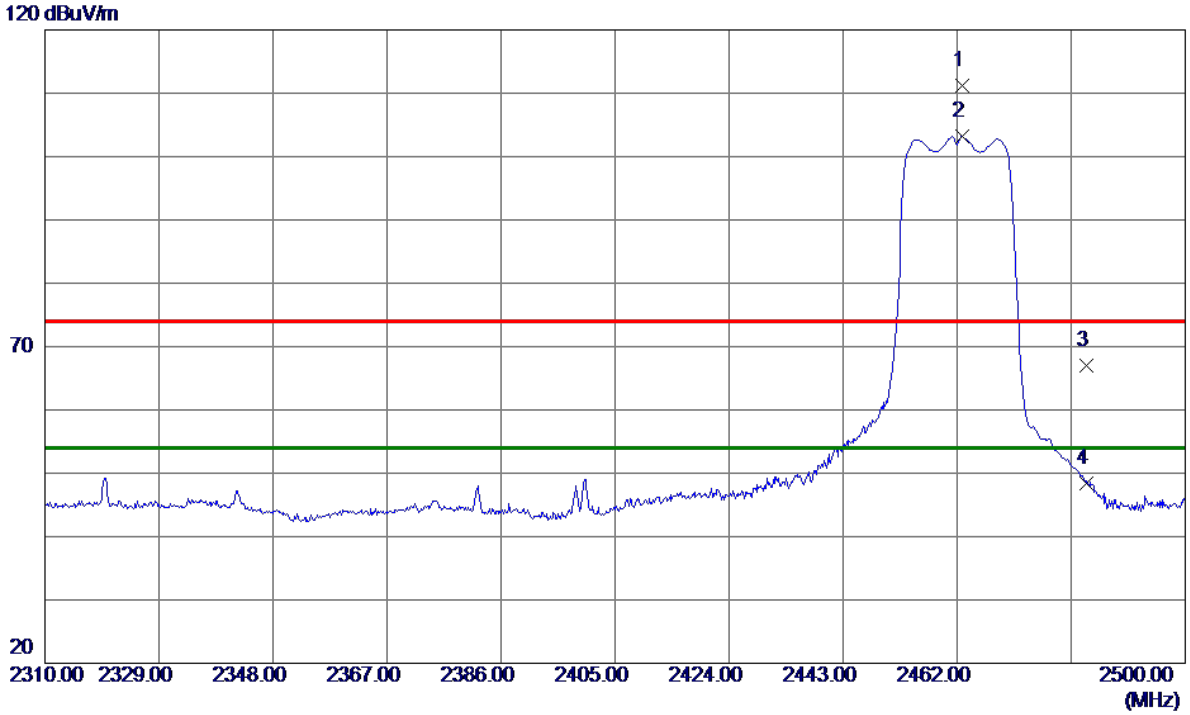
Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	51.96	-9.77	42.19	74.00	-31.81	Peak	

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

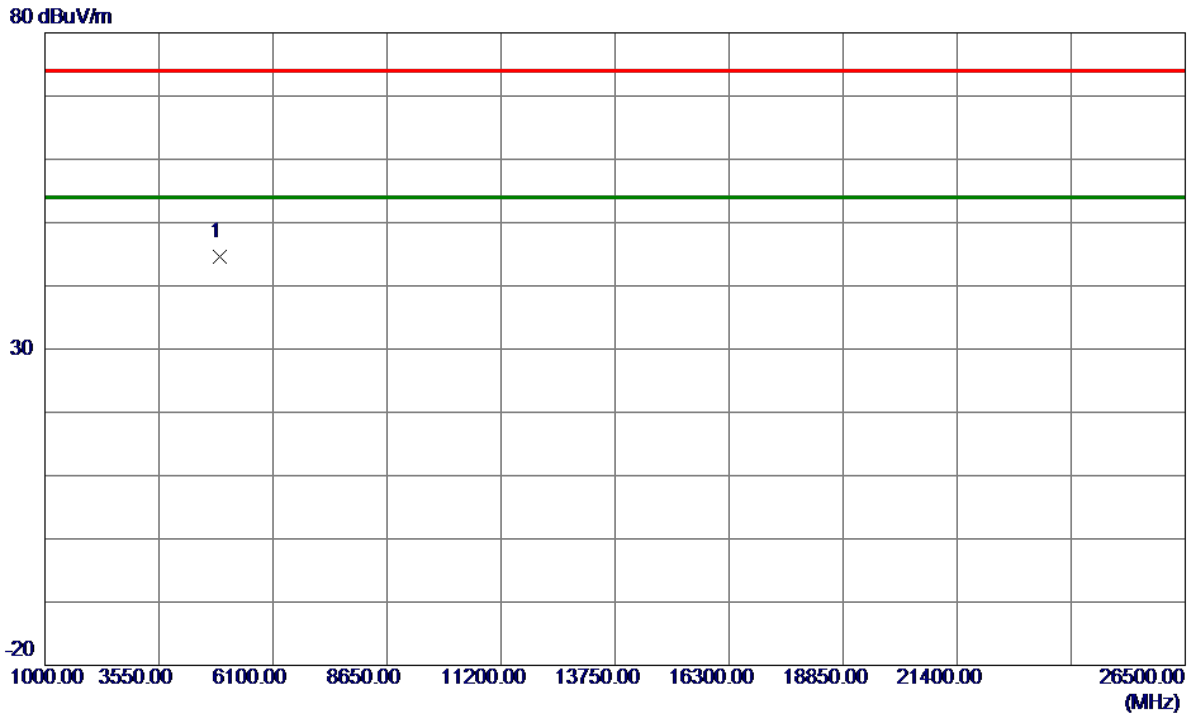
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.8550	79.56	31.71	111.27	74.00	37.27	Peak	No limit
2 *	2462.8550	71.51	31.71	103.22	54.00	49.22	AVG	No limit
3	2483.5000	35.21	31.71	66.92	74.00	-7.08	Peak	
4	2483.5000	16.71	31.71	48.42	54.00	-5.58	AVG	

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

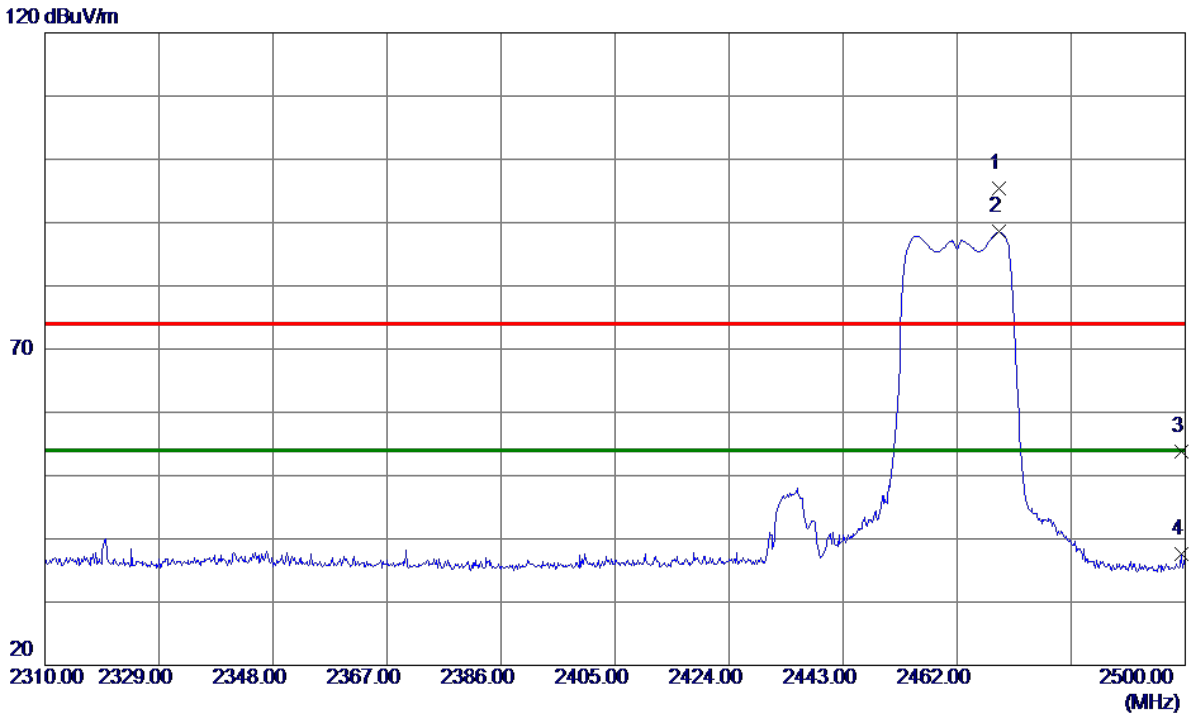
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4918.0750	54.31	-9.66	44.65	74.00	-29.35	Peak	

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

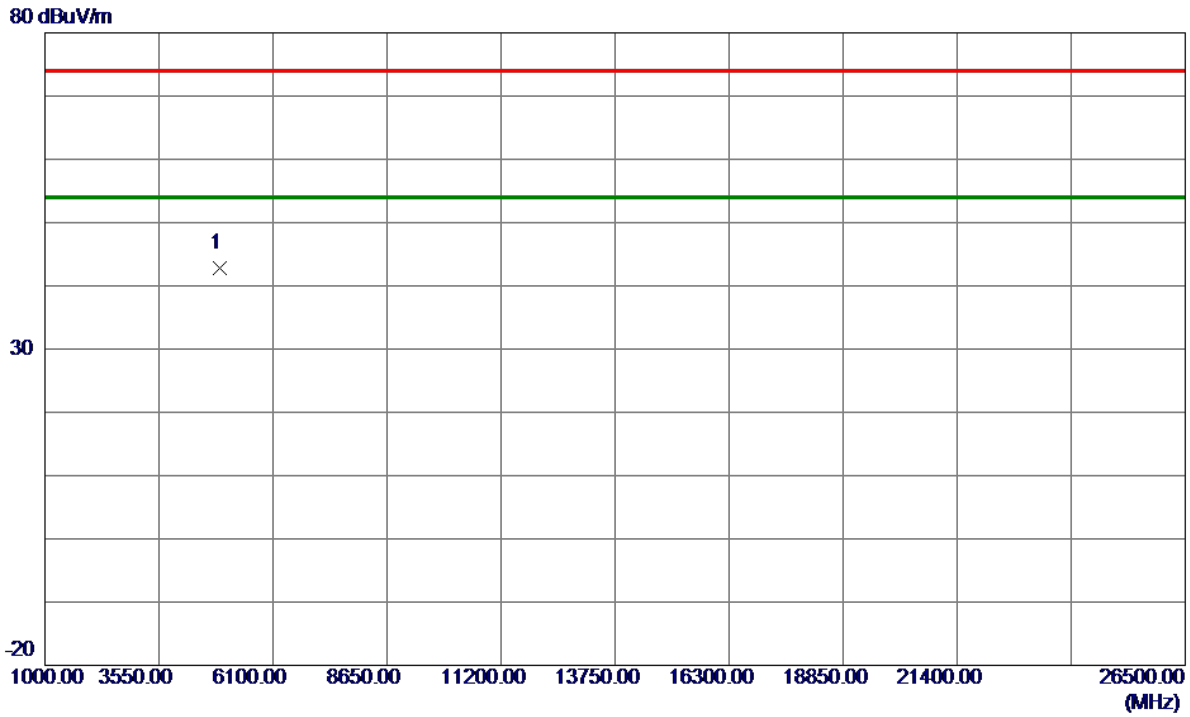
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2468.9350	63.64	31.71	95.35	74.00	21.35	Peak	No limit
2 *	2468.9350	56.81	31.71	88.52	54.00	34.52	AVG	No limit
3	2499.3350	22.14	31.71	53.85	74.00	-20.15	Peak	
4	2499.3350	5.87	31.71	37.58	54.00	-16.42	AVG	

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

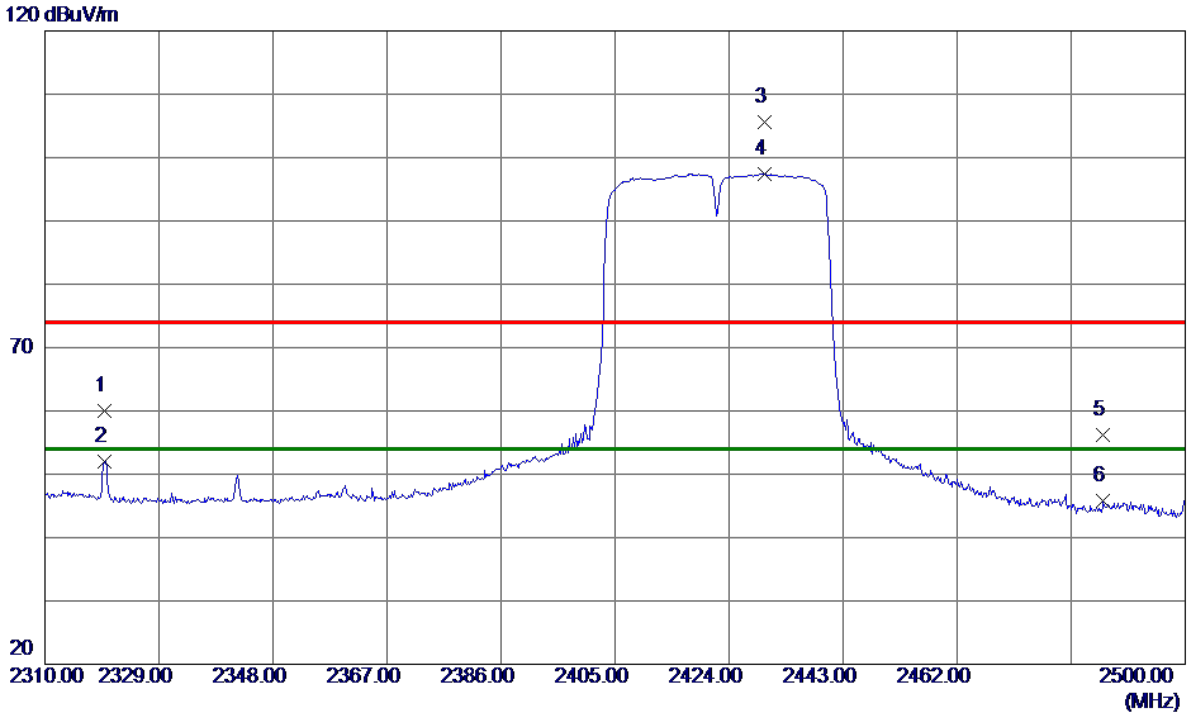
Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	52.45	-9.64	42.81	74.00	-31.19	Peak	

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

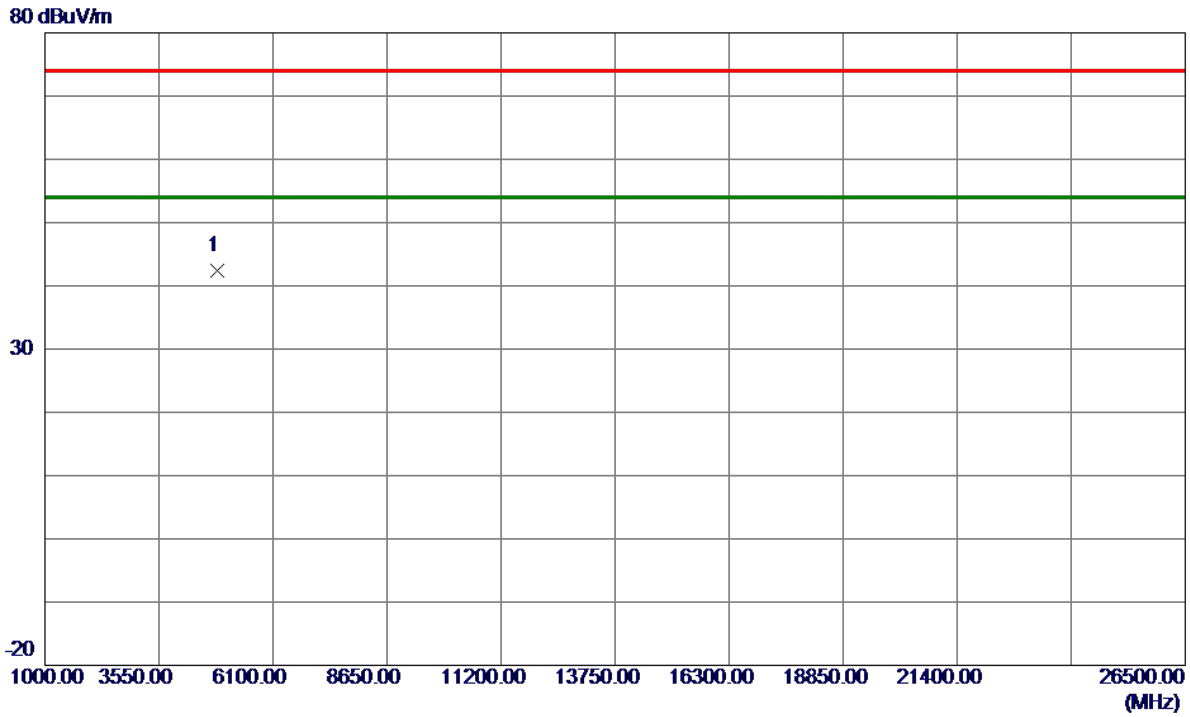
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2319.9750	28.13	31.88	60.01	74.00	-13.99	Peak	
2	2319.9750	20.15	31.88	52.03	54.00	-1.97	AVG	
3	2429.9850	73.90	31.72	105.62	74.00	31.62	Peak	No limit
4 *	2429.9850	65.66	31.72	97.38	54.00	43.38	AVG	No limit
5	2486.3200	24.50	31.71	56.21	74.00	-17.79	Peak	
6	2486.3200	14.14	31.71	45.85	54.00	-8.15	AVG	

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

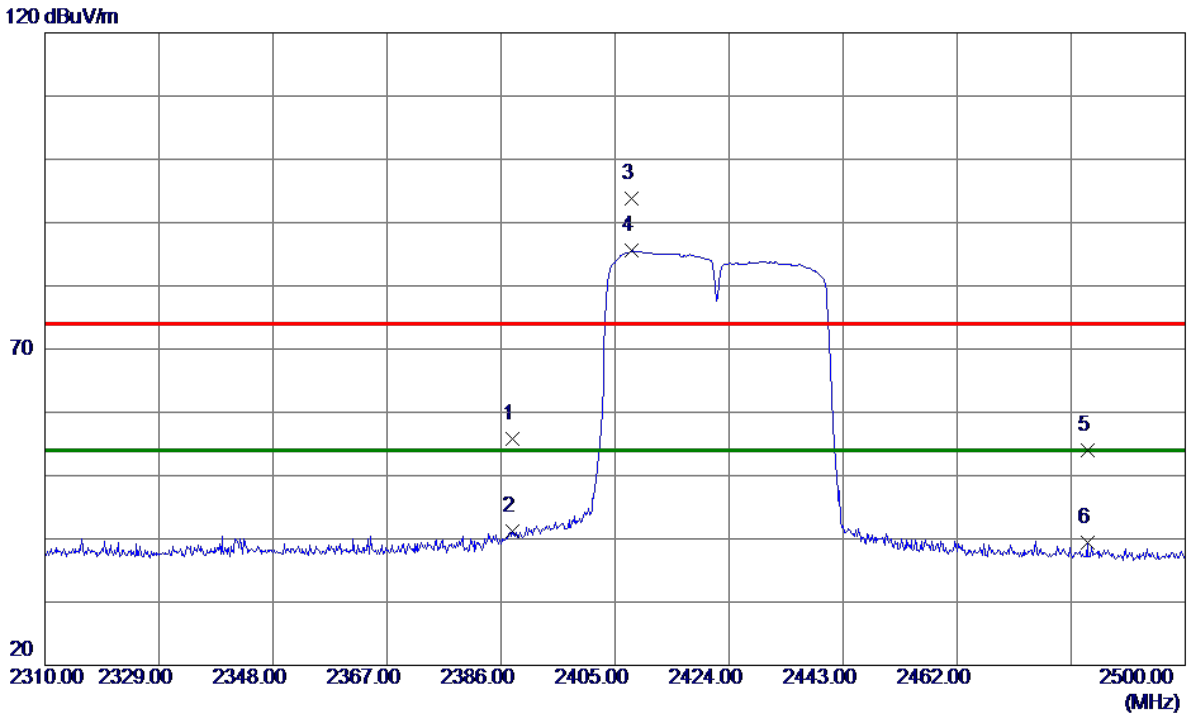
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.0000	52.29	-9.82	42.47	74.00	-31.53	Peak	

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

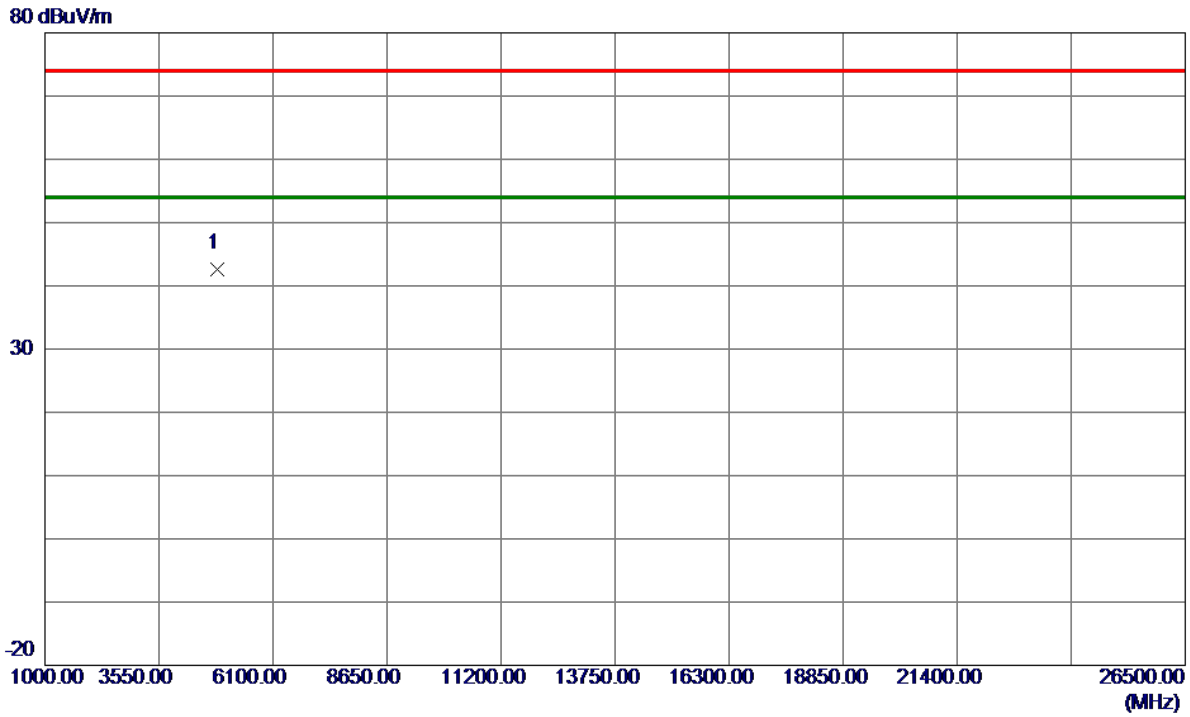
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.9950	24.08	31.74	55.82	74.00	-18.18	Peak	
2	2387.9950	9.46	31.74	41.20	54.00	-12.80	AVG	
3	2407.8500	62.02	31.72	93.74	74.00	19.74	Peak	No limit
4 *	2407.8500	53.81	31.72	85.53	54.00	31.53	AVG	No limit
5	2483.6600	22.27	31.71	53.98	74.00	-20.02	Peak	
6	2483.6600	7.61	31.71	39.32	54.00	-14.68	AVG	

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

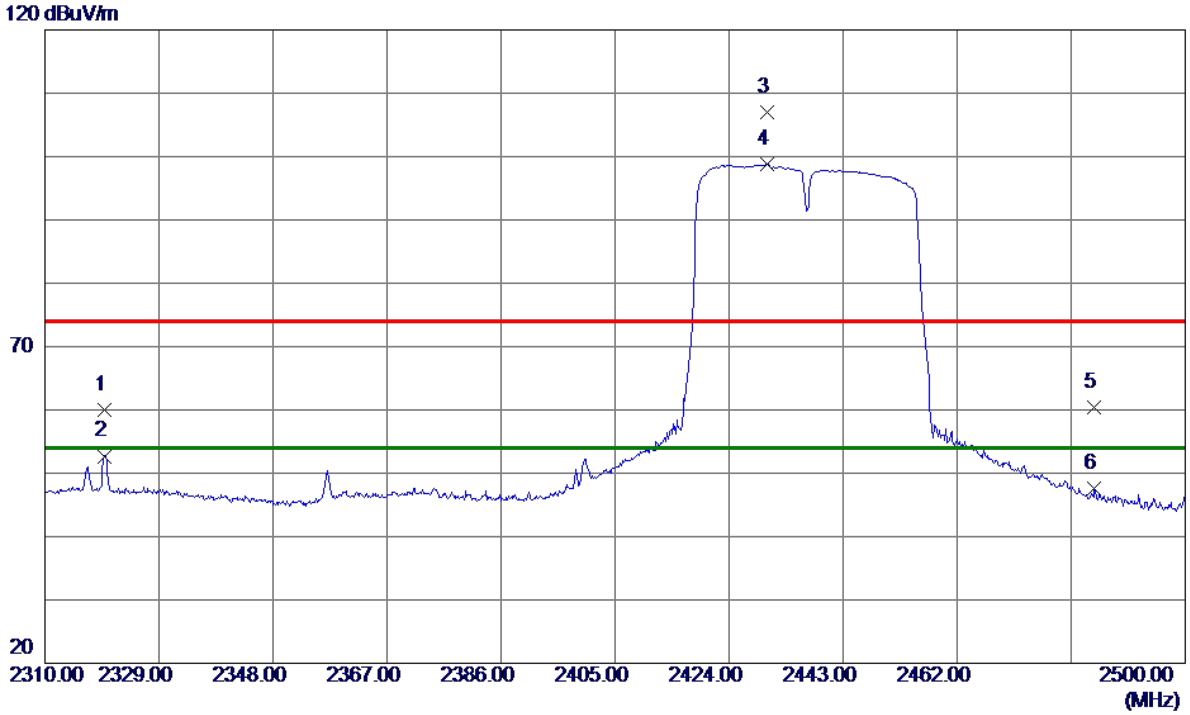
Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.0000	52.52	-9.82	42.70	74.00	-31.30	Peak	

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

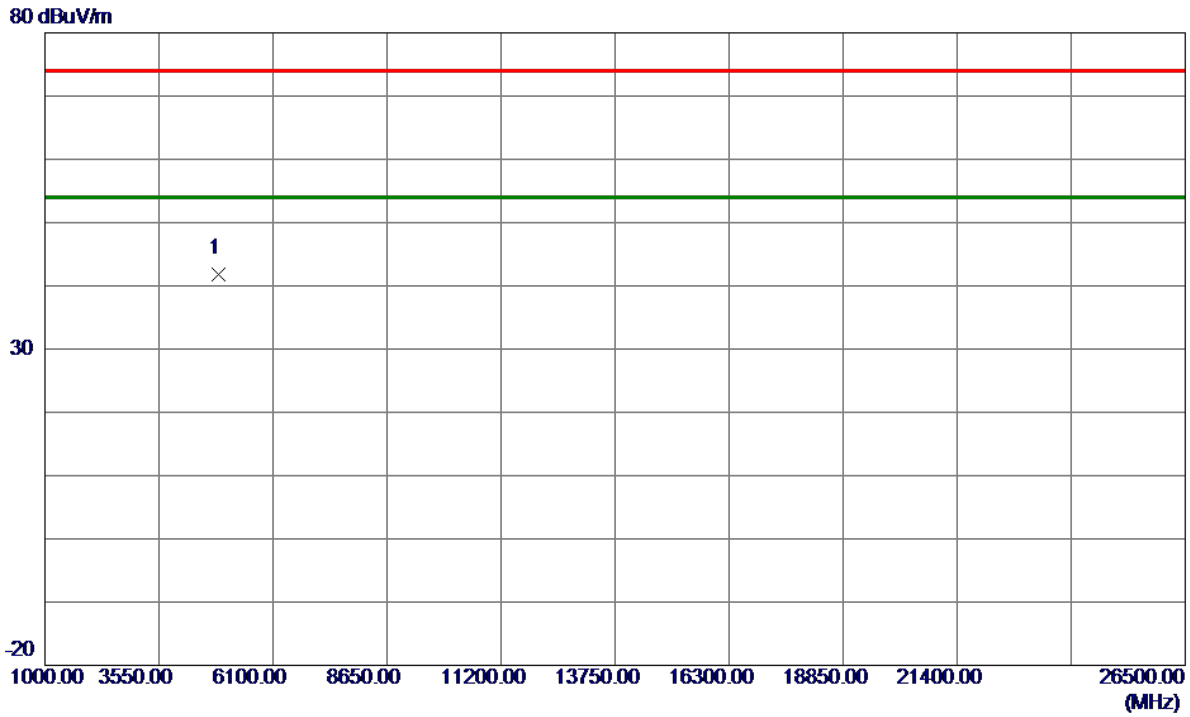
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2319.8799	28.21	31.88	60.09	74.00	-13.91	Peak	
2	2319.8799	20.82	31.88	52.70	54.00	-1.30	AVG	
3	2430.3650	75.27	31.72	106.99	74.00	32.99	Peak	No limit
4 *	2430.3650	67.03	31.72	98.75	54.00	44.75	AVG	No limit
5	2484.8950	28.76	31.71	60.47	74.00	-13.53	Peak	
6	2484.8950	15.82	31.71	47.53	54.00	-6.47	AVG	

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

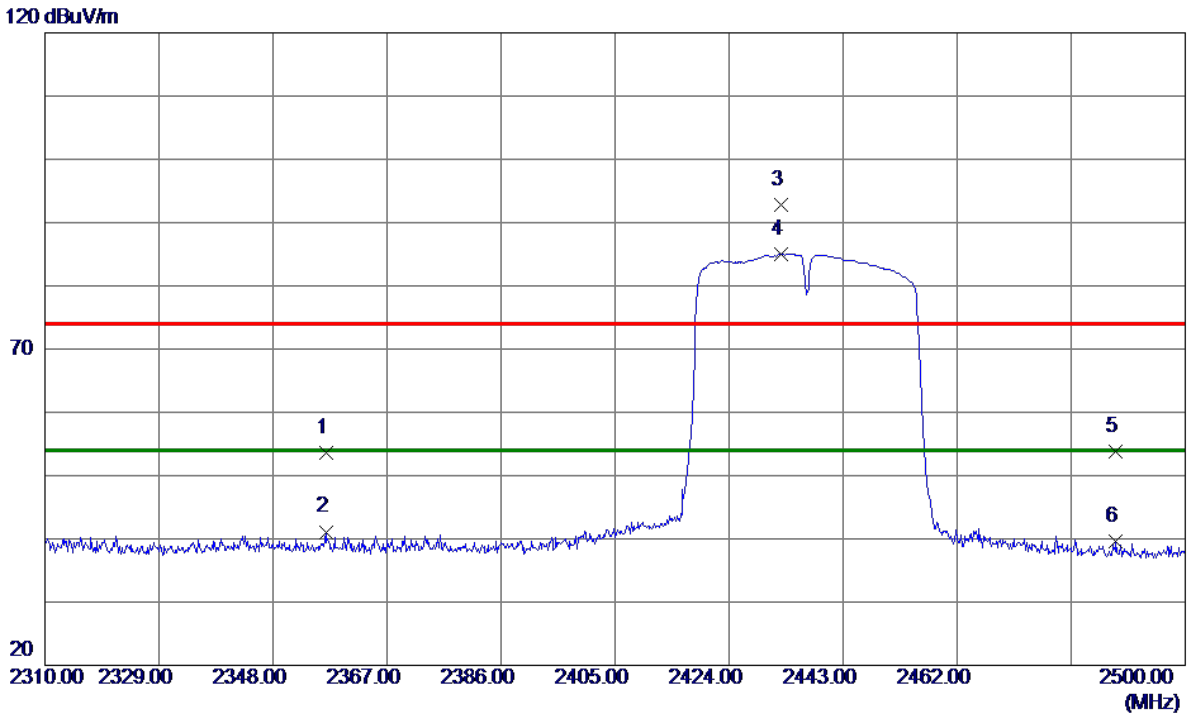
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	51.67	-9.77	41.90	74.00	-32.10	Peak	

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

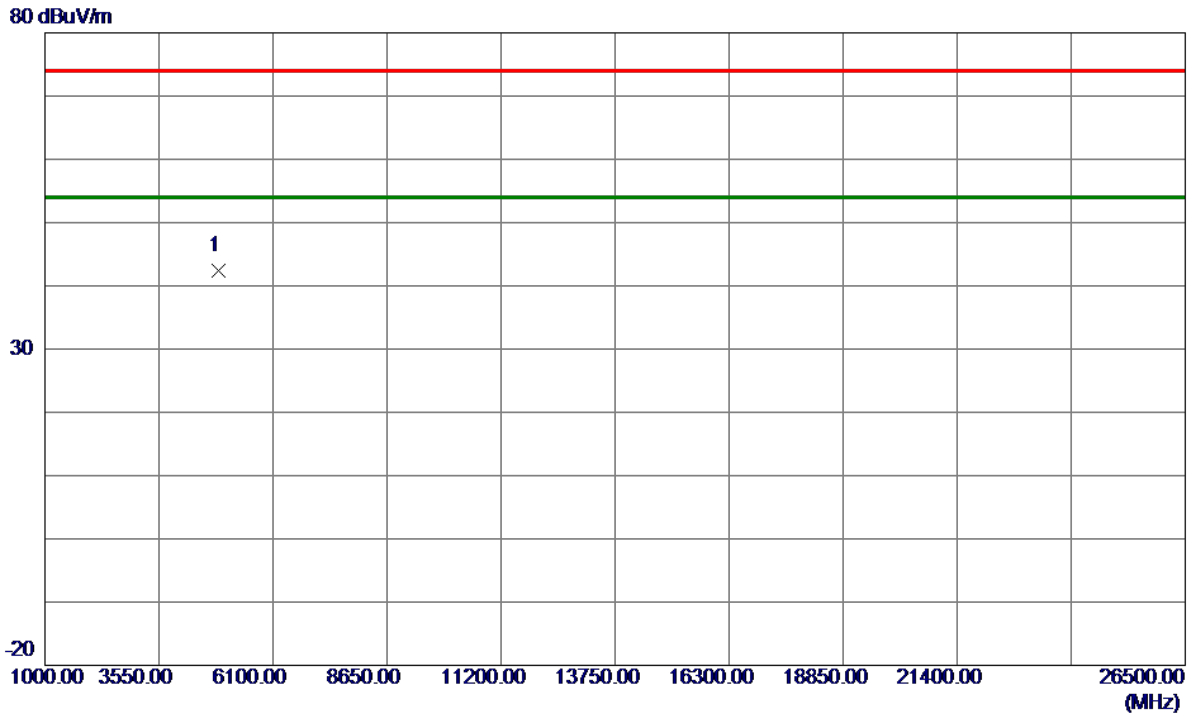
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2356.8350	21.73	31.80	53.53	74.00	-20.47	Peak	
2	2356.8350	9.30	31.80	41.10	54.00	-12.90	AVG	
3	2432.5500	61.13	31.72	92.85	74.00	18.85	Peak	No limit
4 *	2432.5500	53.28	31.72	85.00	54.00	31.00	AVG	No limit
5	2488.4100	22.03	31.71	53.74	74.00	-20.26	Peak	
6	2488.4100	7.97	31.71	39.68	54.00	-14.32	AVG	

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

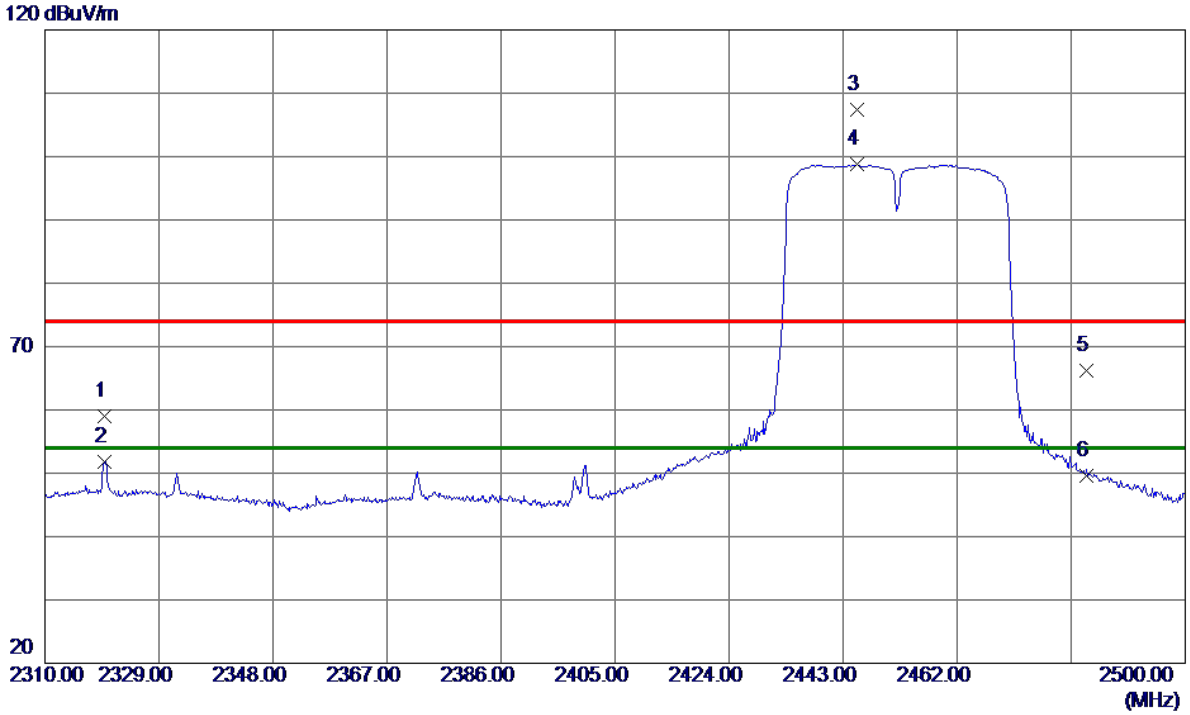
Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	52.15	-9.77	42.38	74.00	-31.62	Peak	

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

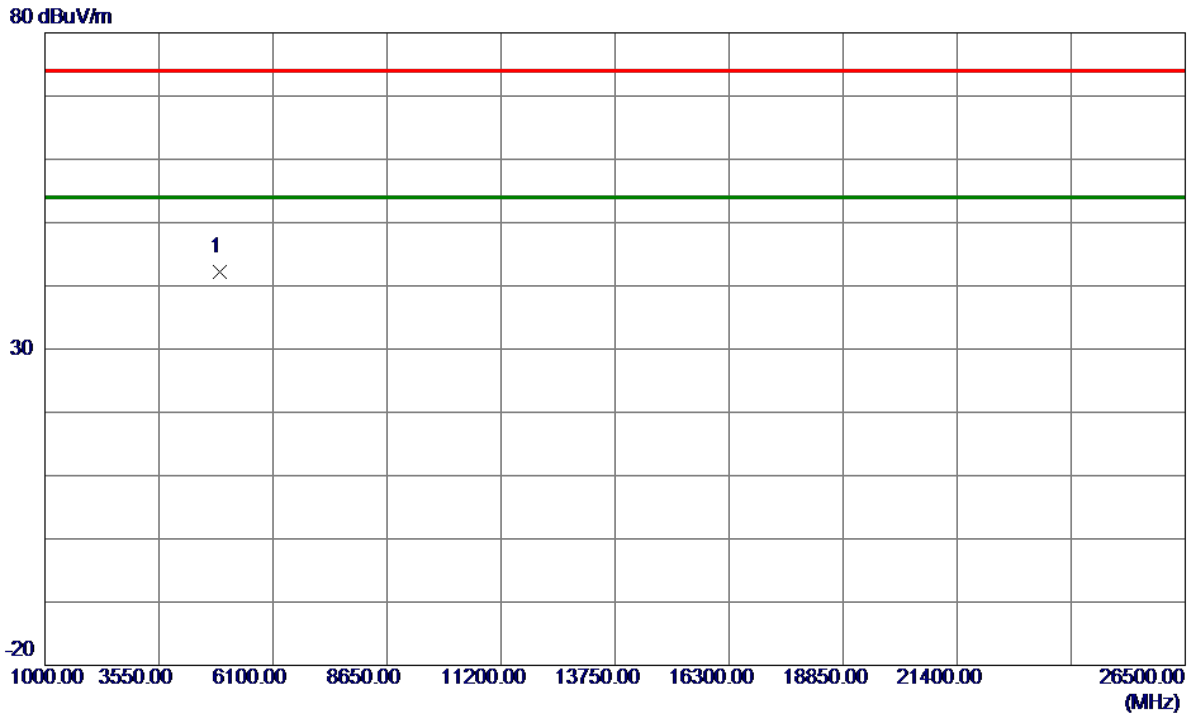
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2319.9750	27.18	31.88	59.06	74.00	-14.94	Peak	
2	2319.9750	19.91	31.88	51.79	54.00	-2.21	AVG	
3	2445.3750	75.67	31.72	107.39	74.00	33.39	Peak	No limit
4 *	2445.3750	67.01	31.72	98.73	54.00	44.73	AVG	No limit
5	2483.5000	34.49	31.71	66.20	74.00	-7.80	Peak	
6	2483.5000	17.95	31.71	49.66	74.00	-24.34	Peak	

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

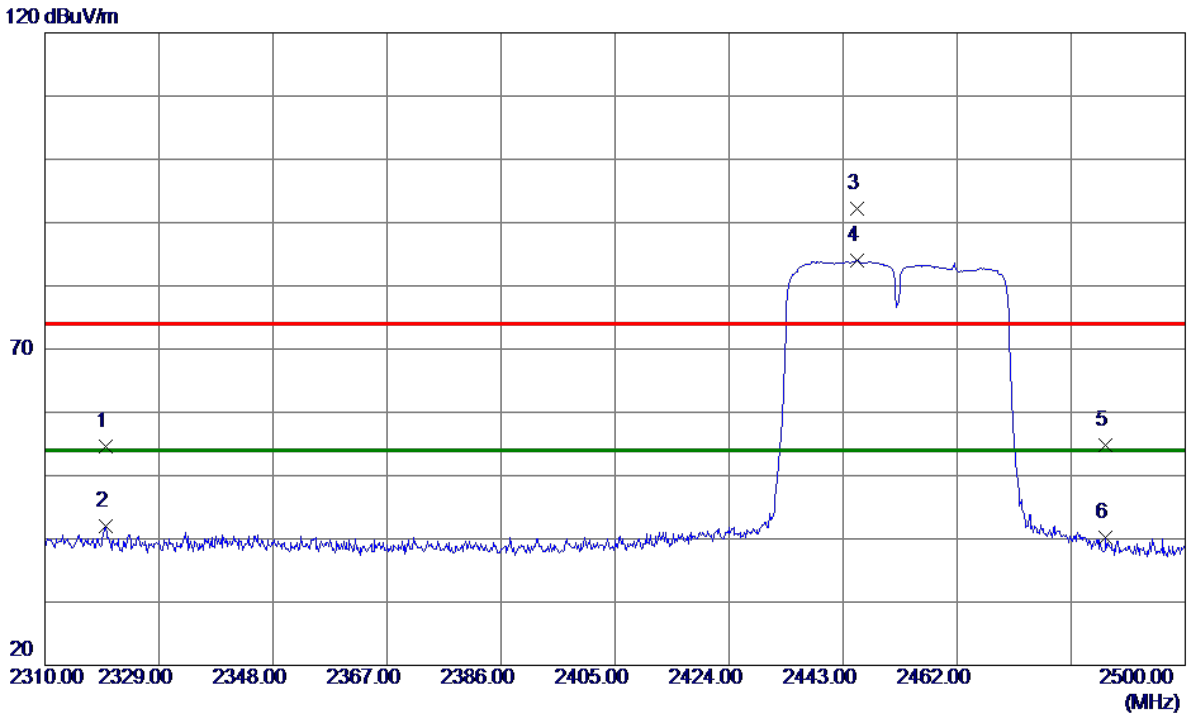
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4904.0000	51.88	-9.72	42.16	74.00	-31.84	Peak	

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

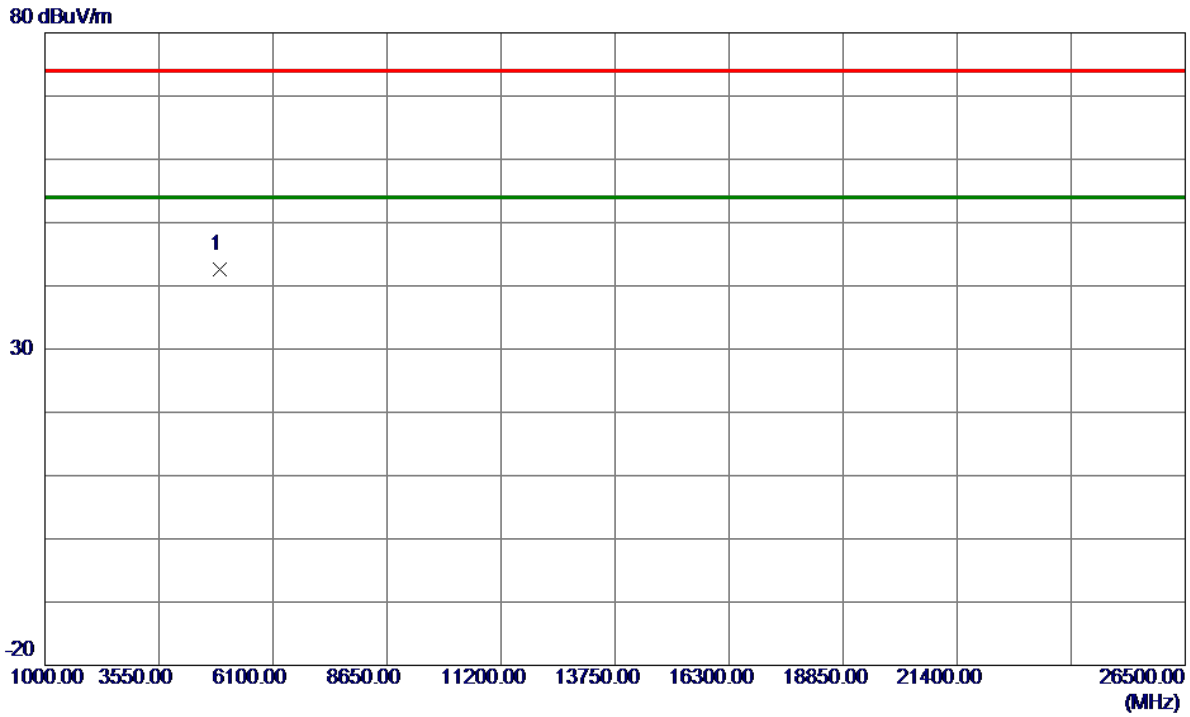
Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2320.0700	22.63	31.88	54.51	74.00	-19.49	Peak	
2	2320.0700	10.04	31.88	41.92	54.00	-12.08	AVG	
3	2445.2800	60.43	31.72	92.15	74.00	18.15	Peak	No limit
4 *	2445.2800	52.24	31.72	83.96	54.00	29.96	AVG	No limit
5	2486.7950	23.02	31.71	54.73	74.00	-19.27	Peak	
6	2486.7950	8.55	31.71	40.26	54.00	-13.74	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	52.30	-9.72	42.58	74.00	-31.42	Peak	

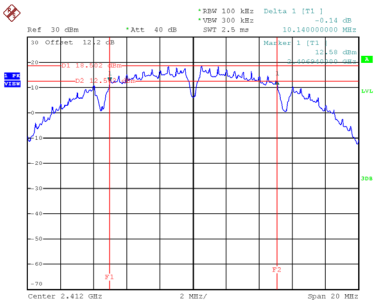
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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	10.140	15.920	0.5	Complies
06	2437	10.120	15.520	0.5	Complies
11	2462	10.070	15.120	0.5	Complies

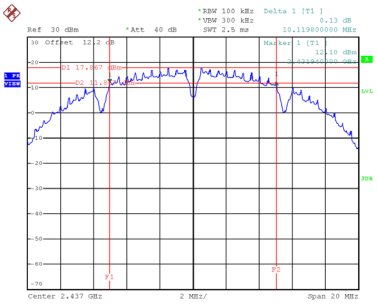
CH01



Date: 7.JUN.2021 18:48:03

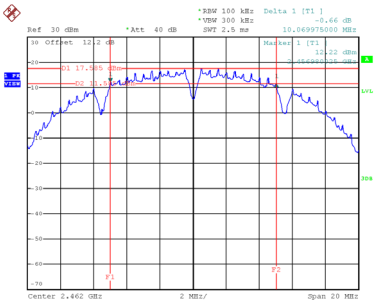
CH06

6 dB Bandwidth



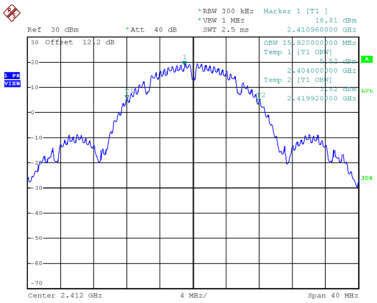
Date: 7.JUN.2021 18:52:44

CH11

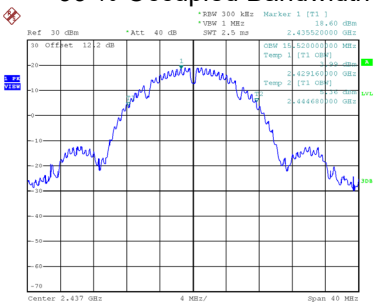


Date: 7.JUN.2021 18:55:32

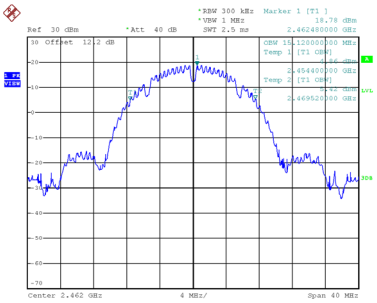
99 % Occupied Bandwidth



Date: 7.JUN.2021 18:48:10



Date: 7.JUN.2021 18:52:51

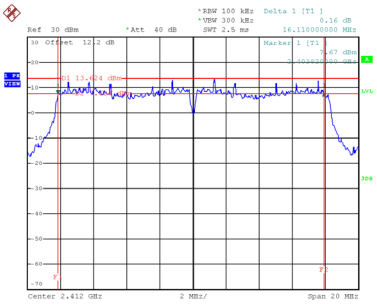


Date: 7.JUN.2021 18:55:39

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	16.110	16.960	0.5	Complies
06	2437	16.380	16.880	0.5	Complies
11	2462	16.380	16.800	0.5	Complies

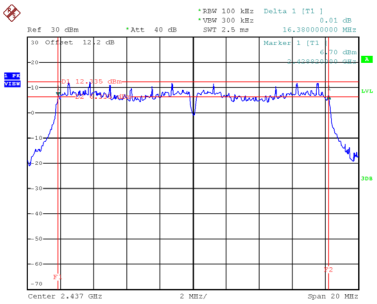
CH01



Date: 7.JUN.2021 19:02:02

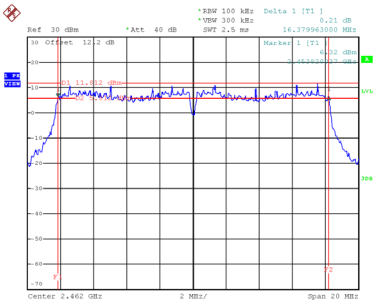
CH06

6 dB Bandwidth

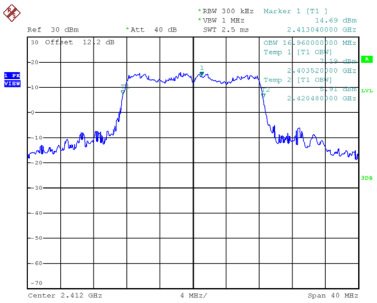


Date: 7.JUN.2021 19:03:55

CH11

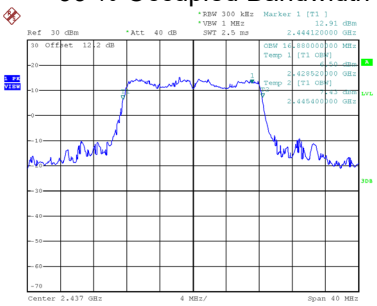


Date: 7.JUN.2021 19:18:54

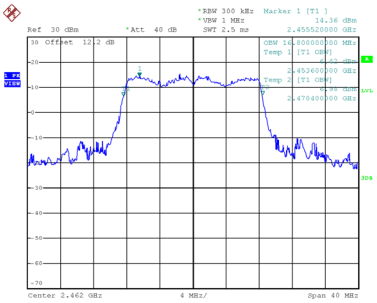


Date: 7.JUN.2021 19:02:09

99 % Occupied Bandwidth



Date: 7.JUN.2021 19:04:01

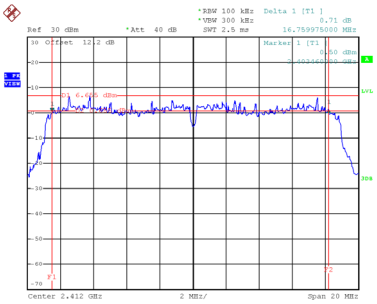


Date: 7.JUN.2021 19:19:01

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	16.760	17.680	0.5	Complies
06	2437	17.070	17.680	0.5	Complies
11	2462	16.760	17.680	0.5	Complies

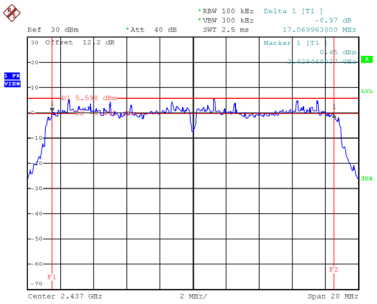
CH01



Date: 7.JUN.2021 21:41:41

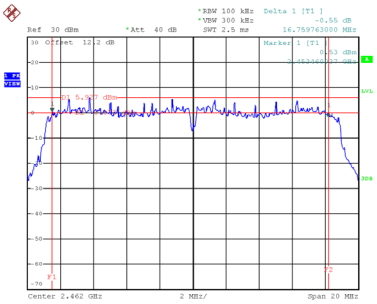
CH06

6 dB Bandwidth

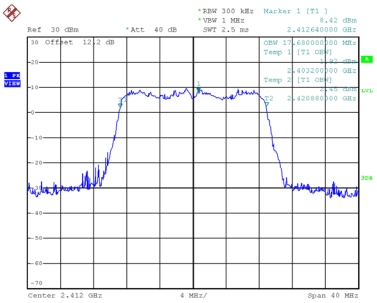


Date: 7.JUN.2021 21:50:14

CH11

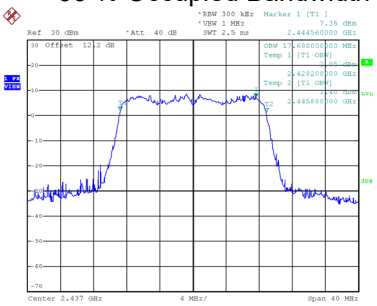


Date: 7.JUN.2021 21:51:58



Date: 7.JUN.2021 21:41:48

99 % Occupied Bandwidth



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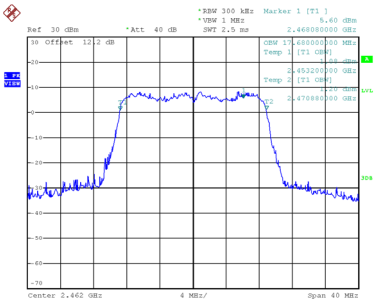
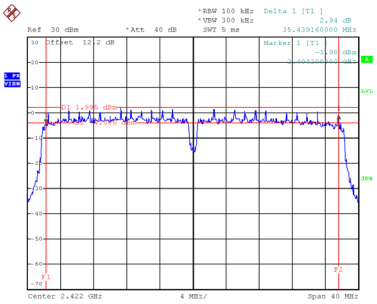


Date: 7.JUN.2021 21:52:05

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	35.439	36.160	0.5	Complies
06	2437	36.639	36.160	0.5	Complies
09	2452	35.280	36.160	0.5	Complies

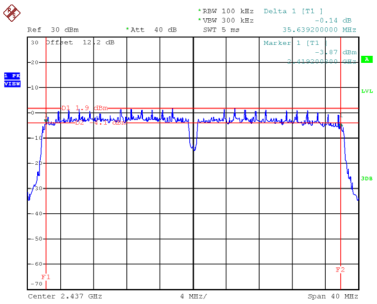
CH03



Date: 7.JUN.2021 21:56:35

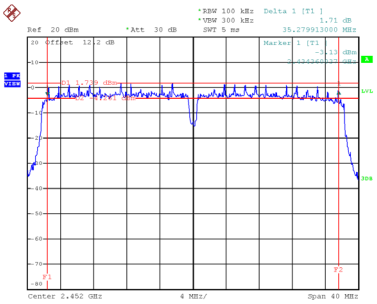
CH06

6 dB Bandwidth

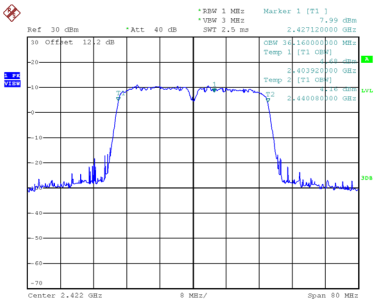


Date: 7.JUN.2021 22:05:47

CH09

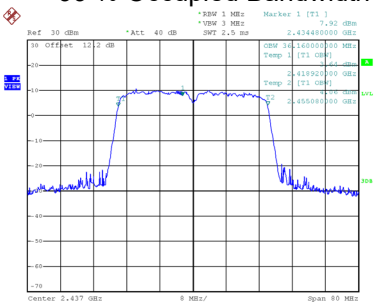


Date: 7.JUN.2021 22:13:17



Date: 7.JUN.2021 21:56:42

99 % Occupied Bandwidth



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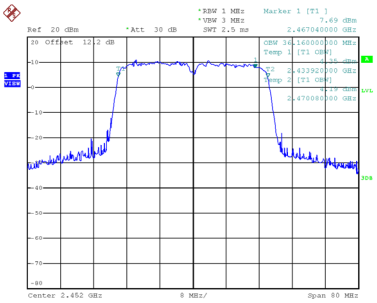


Date: 7.JUN.2021 22:13:24

APPENDIX F - MAXIMUM OUTPUT POWER

CDD

Test Mode	TX B Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.34	30.00	1.0000	Complies
06	2437	23.55	30.00	1.0000	Complies
11	2462	24.84	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	25.97	30.00	1.0000	Complies
06	2437	28.74	30.00	1.0000	Complies
11	2462	26.24	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	26.13	30.00	1.0000	Complies
06	2437	26.06	30.00	1.0000	Complies
11	2462	25.87	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	27.06	30.00	1.0000	Complies
06	2437	26.71	30.00	1.0000	Complies
11	2462	26.32	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	29.63	30.00	1.0000	Complies
06	2437	29.41	30.00	1.0000	Complies
11	2462	29.11	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	25.74	30.00	1.0000	Complies
06	2437	25.97	30.00	1.0000	Complies
09	2452	26.03	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	26.49	30.00	1.0000	Complies
06	2437	26.58	30.00	1.0000	Complies
09	2452	26.37	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	29.14	30.00	1.0000	Complies
06	2437	29.30	30.00	1.0000	Complies
09	2452	29.21	30.00	1.0000	Complies

Beamforming

Test Mode	TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.97	29.99	0.9977	Complies
06	2437	25.89	29.99	0.9977	Complies
11	2462	25.72	29.99	0.9977	Complies

Test Mode	TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	26.87	29.99	0.9977	Complies
06	2437	26.55	29.99	0.9977	Complies
11	2462	26.16	29.99	0.9977	Complies

Test Mode	TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	29.45	29.99	0.9977	Complies
06	2437	29.24	29.99	0.9977	Complies
11	2462	28.96	29.99	0.9977	Complies

Test Mode	TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	25.71	29.99	0.9977	Complies
06	2437	25.83	29.99	0.9977	Complies
09	2452	25.84	29.99	0.9977	Complies

Test Mode	TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	26.43	29.99	0.9977	Complies
06	2437	26.44	29.99	0.9977	Complies
09	2452	26.19	29.99	0.9977	Complies

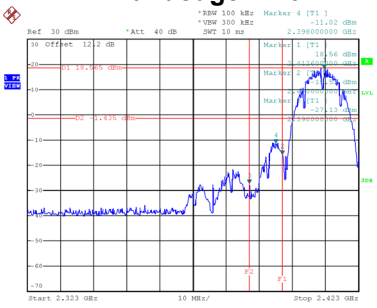
Test Mode	TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	29.10	29.99	0.9977	Complies
06	2437	29.16	29.99	0.9977	Complies
09	2452	29.03	29.99	0.9977	Complies

APPENDIX G - CONDUCTED SPURIOUS EMISSIONS

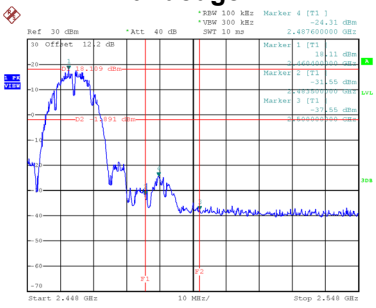
Test Mode	TX B Mode_Ant. 1

Bandedge-CH01



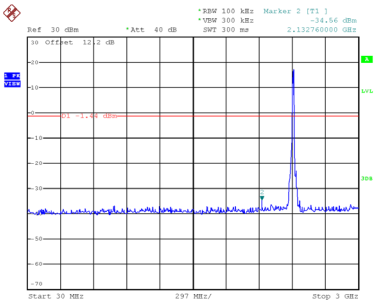
Date: 7.JUN.2021 18:48:17

Bandedge-CH11

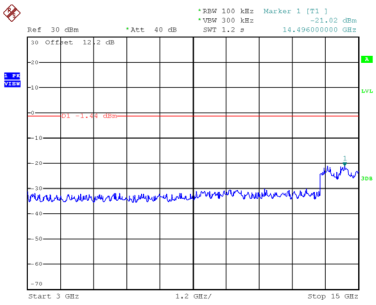


Date: 7.JUN.2021 18:55:46

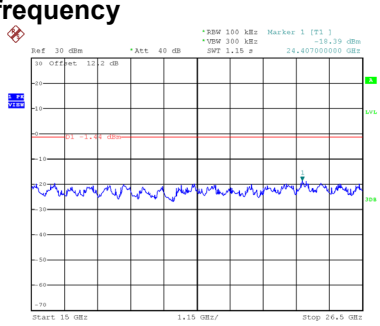
CH01 – 10th Harmonic of the fundamental frequency



Date: 7.JUN.2021 18:48:30

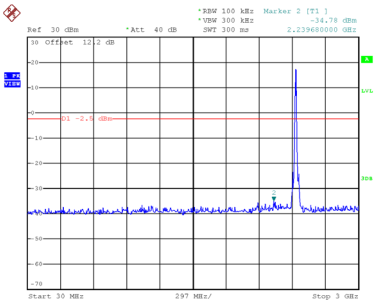


Date: 7.JUN.2021 18:48:37

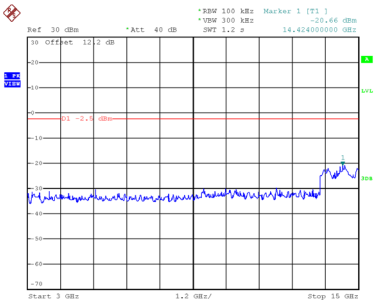


Date: 7.JUN.2021 18:48:44

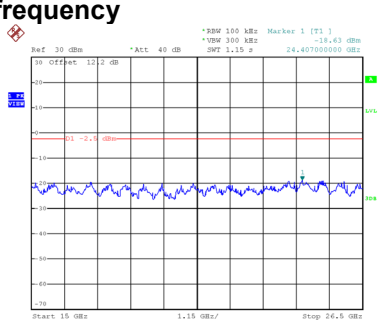
CH06 – 10th Harmonic of the fundamental frequency



Date: 7.JUN.2021 18:53:11

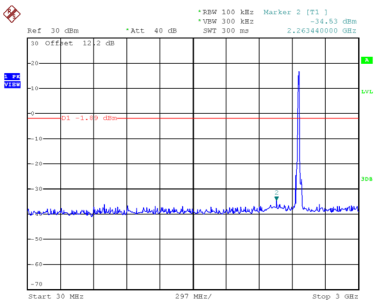


Date: 7.JUN.2021 18:53:18

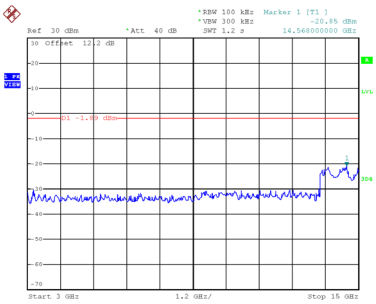


Date: 7.JUN.2021 18:53:25

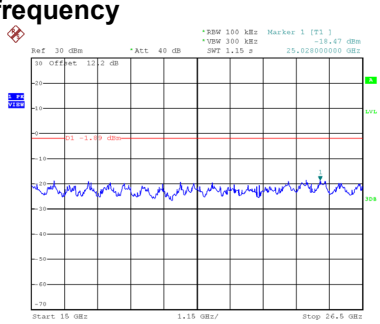
CH11 – 10th Harmonic of the fundamental frequency



Date: 7.JUN.2021 18:55:59



Date: 7.JUN.2021 18:56:06



Date: 7.JUN.2021 18:56:13