FCC Radio Test Report

FCC ID: 2AFZZRB02

This report concerns: Original Grant

Project No.	:	2108C087
Equipment	:	Xiaomi Router AC1200
Brand Name	:	Xiaomi
Test Model	:	RB02
Series Model	:	NA
Applicant	:	Xiaomi Communications Co.,Ltd
Address	:	No.019, Floor 9, Building 6, Yard 33, Middle Xierqi Road, Haidian District, Beijing
Manufacturer	:	Xiaomi Communications Co.,Ltd
Address	:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China
Factory	:	Huizhou MTN WEIYE Technology Development Co.,Ltd
Address	:	No.2 Huitai Road,Huinan High-tech Industrial Park, Huiao Avenue, Huizhou City, Guangdong Province, China. 516000
Date of Receipt	:	Aug. 06, 2021
Date of Test	:	Aug. 11, 2021~ Oct. 08, 2021
Issued Date	:	Oct. 09, 2021
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG2021080560 for radiated, DG2021080561 for conducted
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart E FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 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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TESTING CERT #5123.03

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Declaration

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

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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.	Sep. 27, 2021
R01	Revised report to address TCB's comments.	Oct. 09, 2021

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart E				
Standard(s) Section	**Test Item**	**Test Result**	**Judgment**	**Remark**
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	PASS	------
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	------
15.407(a) 15.407(e)	Bandwidth	APPENDIX E	PASS	------
15.407(a)	Maximum Output Power	APPENDIX F	PASS	------
15.407(a)	Power Spectral Density	APPENDIX G	PASS	------
15.203	Antenna Requirements	------	PASS	**NOTE (2)**
15.407(c)	Automatically Discontinue Transmission	------	PASS	**NOTE (3)**

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.
(3) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
(4) For UNII-1 this device was functioned as a
☐ Outdoor access point device
☒ Indoor access point device
☐ Fixed point-to-point access points device
☐ Client device

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	2.64

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
SH-CB02	CISPR	9 KHz~30 MHz	-	2.16
		30 MHz~200 MHz	V	4.04
		30 MHz~200 MHz	H	2.90
		200 MHz~1,000 MHz	V	3.76
		200 MHz~1,000 MHz	H	3.82
		1GHz ~ 6GHz	-	4.56
		6GHz ~ 18GHz	-	4.14
		18 ~ 26.5 GHz	-	3.48
		26.5 ~ 40 GHz	-	3.64

C. Conducted test:

Parameter	U
Output Power	±0.95 dB
Occupied Channel Bandwidth	±3.8 %
Power Spectral Density	±0.86 dB
Temperature	±0.08 °C
Humidity	±1.5 %
Supply voltages	±0.3 %

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	62%	AC 120V/60Hz	Vera Wei
Radiated Emissions-9kHz to 30MHz	26°C	61%	AC 120V/60Hz	Forest Li
Radiated Emissions-30MHz to 1000MHz	26°C	61%	AC 120V/60Hz	Forest Li
Radiated Emissions-Above 1000 MHz	26°C	61%	AC 120V/60Hz	Forest Li
Bandwidth	23°C	54%	AC 120V/60Hz	Danny Dang
Maximum Output Power	23°C	54%	AC 120V/60Hz	Danny Dang
Power Spectral Density	23°C	54%	AC 120V/60Hz	Danny Dang

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Xiaomi Router AC1200
Brand Name	Xiaomi
Test Model	RB02
Series Model	N/A
Model Difference(s)	N/A
Software Version	3.2.4
Hardware Version	MB02
Power Source	DC voltage supplied from AC/DC adapter. Brand / Model: Xiaomi / CYXT18-120100U
Power Rating	I/P: 100-240V ~ 50/60Hz 0.3A O/P: 12.0V⎓1.0A
Operation Frequency Band(s)	UNII-1: 5150 MHz ~ 5250 MHz UNII-3: 5725 MHz ~ 5850 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 866.7 Mbps
Maximum Output Power _UNII-1	IEEE 802.11a: 25.39 dBm (0.3459 W)
Maximum Output Power _UNII-3	IEEE 802.11n40: 26.01 dBm (0.3990 W)

Note:

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

2. Channel List:

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Dipole	N/A	5.64
2	N/A	N/A	Dipole	N/A	5.52

Note:

1) This EUT supports MIMO 2X2, any transmit signals are correlated with each other, so Directional gain=10log[$(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2$/N]dBi, that is Directional gain=10log[$(10^{5.64/20}+10^{5.52/20})^2$/2]dBi =8.59. So, the UNII-1, UNII-3 output power limit is 30-(8.59-6)=27.41. The UNII-1 power spectral density limit is 17-(8.59-6)=14.41, the UNII-3 power spectral density limit is 30-(8.59-6)=27.41.
2) This EUT supports CDD, and all antenna gains are not equal, Directional gain = G_{ANT}+Array Gain. For power measurements, Array Gain=0dB ($N_{ANT}\leqslant 4$), so the Directional gain=5.64. For power spectral density measurements, N_{ANT}=2, N_{SS} = 1. So the Directional gain=G_{ANT}+Array Gain=G_{ANT}+10log(N_{ANT}/ N_{SS})dBi=5.64+10log(2/1)dBi=8.65. Then, the UNII-1 power spectral density limit is 17-(8.65-6)=14.35, the UNII-3 power spectral density limit is 30-(8.65-6)=27.35.
3) The antenna gain is provided by the manufacturer.

4. Table for Antenna Configuration:

Operating Mode / TX Mode	Ant. 1	Ant. 2	Ant. 1+2
IEEE 802.11a	✓	✓	✓
IEEE 802.11n(HT20)	✓	✓	✓
IEEE 802.11n(HT40)	✓	✓	✓
IEEE 802.11ac(VHT20)	✓	✓	✓
IEEE 802.11ac(VHT40)	✓	✓	✓
IEEE 802.11ac(VHT80)	✓	✓	✓

2.2 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 A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX N(HT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX N(HT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 5	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 6	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 7	TX A Mode Channel 149/157/165 (UNII-3)
Mode 8	TX N(HT20) Mode Channel 149/157/165 (UNII-3)
Mode 9	TX N(HT40) Mode Channel 151/159 (UNII-3)
Mode 10	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 11	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 12	TX AC(VHT80) Mode Channel 155 (UNII-3)

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 9	TX N(HT40) Mode Channel 151 (UNII-3)

Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 9	TX N(HT40) Mode Channel 151 (UNII-3)

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX N(HT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX N(HT40) Mode Channel 38/46 (UNII-1)
Mode 6	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 7	TX A Mode Channel 149/157/165 (UNII-3)
Mode 8	TX N(HT20) Mode Channel 149/157/165 (UNII-3)
Mode 9	TX N(HT40) Mode Channel 151/159 (UNII-3)
Mode 12	TX AC(VHT80) Mode Channel 155 (UNII-3)

Conducted Test	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX N(HT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX N(HT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 5	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 6	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 7	TX A Mode Channel 149/157/165 (UNII-3)
Mode 8	TX N(HT20) Mode Channel 149/157/165 (UNII-3)
Mode 9	TX N(HT40) Mode Channel 151/159 (UNII-3)
Mode 10	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 11	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 12	TX AC(VHT80) Mode Channel 155 (UNII-3)

Note:
(1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX N(HT40) Mode Channel 151 (UNII-3) is found to be the worst case and recorded.
(2) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(3) The measurements for Output Power are tested, the worst case are IEEE 802.11a mode, IEEE 802.11n(HT20) mode, IEEE 802.11n(HT40) mode, IEEE 802.11ac(VHT80) mode, only the worst cases are documented for other test items.

2.3 PARAMETERS OF TEST SOFTWARE

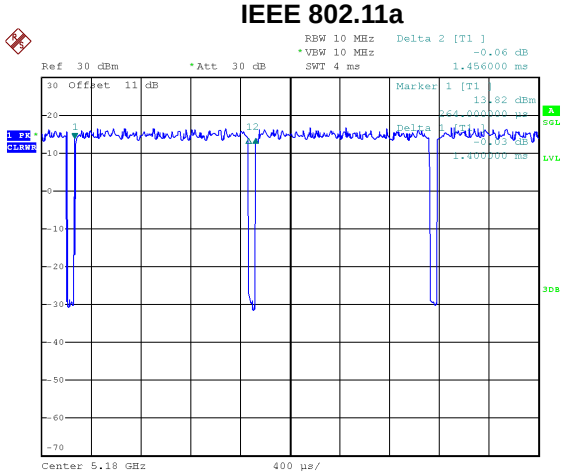
UNII-1			
Test Software Version	QATool V0.0.2.0		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	21.00	2D	2B
IEEE 802.11n(HT20)	20.00	2B	29.00
IEEE 802.11ac(VHT20)	20.00	2B	29.00
Frequency (MHz)	5190	5230	
IEEE 802.11n(HT40)	1D	27.00	
IEEE 802.11ac(VHT40)	1D	27.00	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	1A		

UNII-3			
Test Software Version	QATool V0.0.2.0		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	2C	2C	2C
IEEE 802.11n(HT20)	2C	2C	2C
IEEE 802.11ac(VHT20)	2C	2C	2C
Frequency (MHz)	5755	5795	
IEEE 802.11n(HT40)	2E	2E	
IEEE 802.11ac(VHT40)	2E	2E	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	25.00		

2.4 DUTY CYCLE

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

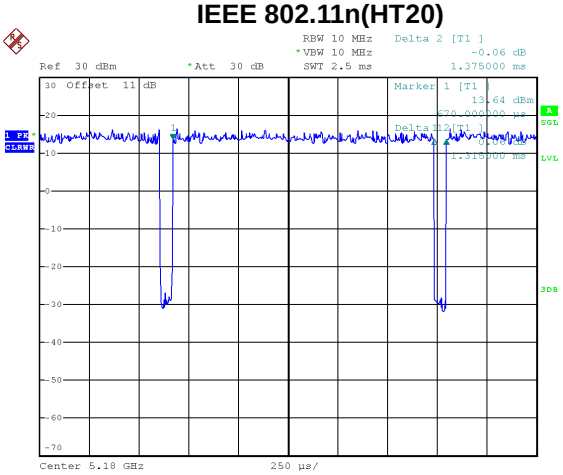
IEEE 802.11a



Date: 12.AUG.2021 17:33:04

Duty cycle = 1.400 ms / 1.456 ms = 96.15%
Duty Factor = 10 log(1 / Duty cycle) = 0.17

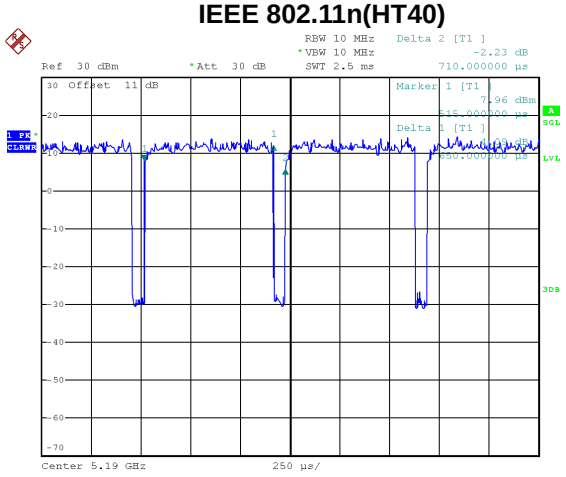
IEEE 802.11n(HT20)



Date: 12.AUG.2021 17:33:58

Duty cycle = 1.315 ms / 1.375 ms = 95.64%
Duty Factor = 10 log(1 / Duty cycle) = 0.19

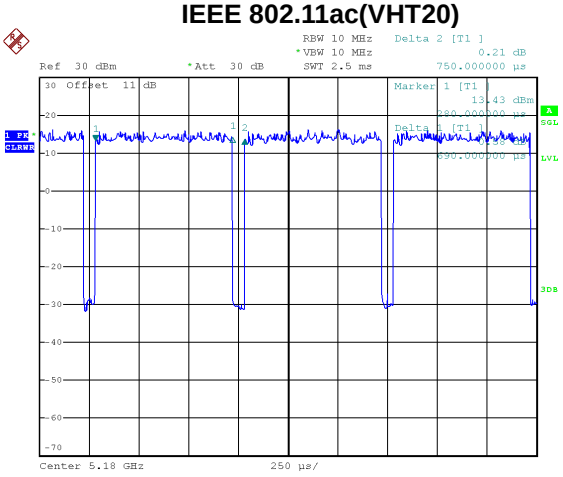
IEEE 802.11n(HT40)



Date: 12.AUG.2021 17:34:38

Duty cycle = 0.650 ms / 0.710 ms = 91.55%
Duty Factor = 10 log(1 / Duty cycle) = 0.38

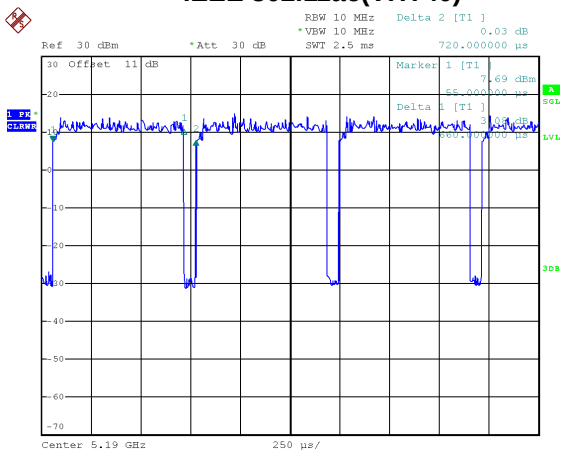
IEEE 802.11ac(VHT20)



Date: 12.AUG.2021 17:35:15

Duty cycle = 0.690 ms / 0.750 ms = 92.00%
Duty Factor = 10 log(1 / Duty cycle) = 0.36

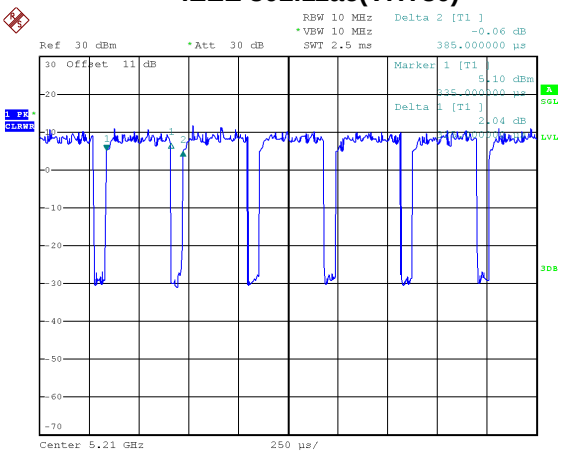
IEEE 802.11ac(VHT40)



Date: 12.AUG.2021 17:35:56

Duty cycle = 0.660 ms / 0.720 ms = 91.67%
Duty Factor = 10 log(1 / Duty cycle) = 0.38

IEEE 802.11ac(VHT80)



Date: 12.AUG.2021 17:38:27

Duty cycle = 0.325 ms / 0.385 ms = 84.42%
Duty Factor = 10 log(1 / Duty cycle) = 0.74

NOTE:
For IEEE 802.11a:
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 (Duty cycle < 98%).

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 (Duty cycle < 98%).

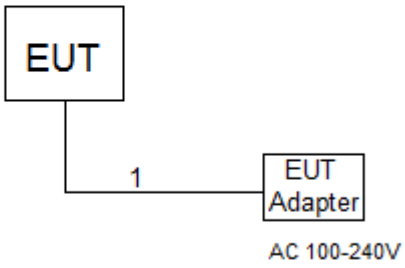
For IEEE 802.11n(HT40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).

For IEEE 802.11ac(VHT20):
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 (Duty cycle < 98%).

For IEEE 802.11ac(VHT40):
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 (Duty cycle < 98%).

For IEEE 802.11ac(VHT80):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 kHz (Duty cycle < 98%).

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 (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.

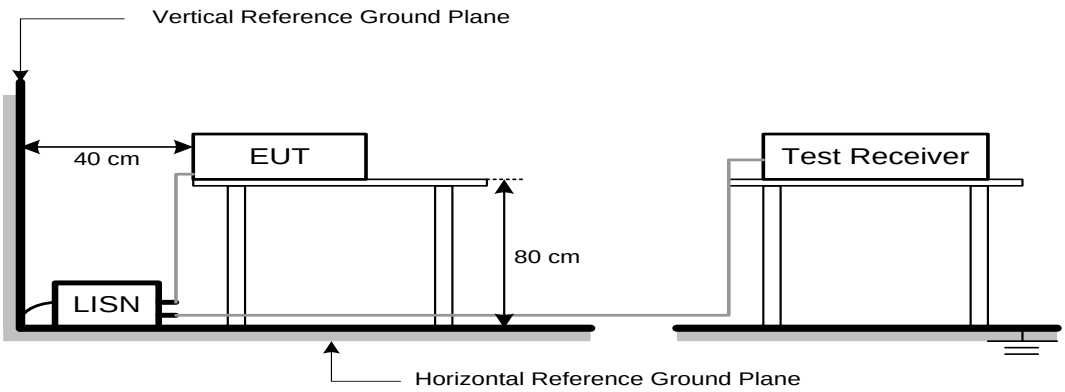
The following table is the setting of the receiver:

Receiver Parameter	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

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX 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 EMISSIONS MEASUREMENT (9 kHz to 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 UNWANTED EMISSION OUT OF THE RESTRICTED BANDS (Above 1000 MHz)

Frequency (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.2
5725-5850 **NOTE (2)**	-27	68.2
	10	105.2
	15.6	110.8
	27	122.2

NOTE:

(1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

(2) According to 15.407(b)(4)(i), all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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 1GHz)
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 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1 GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1 GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic or 40 GHz, whichever is lower
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

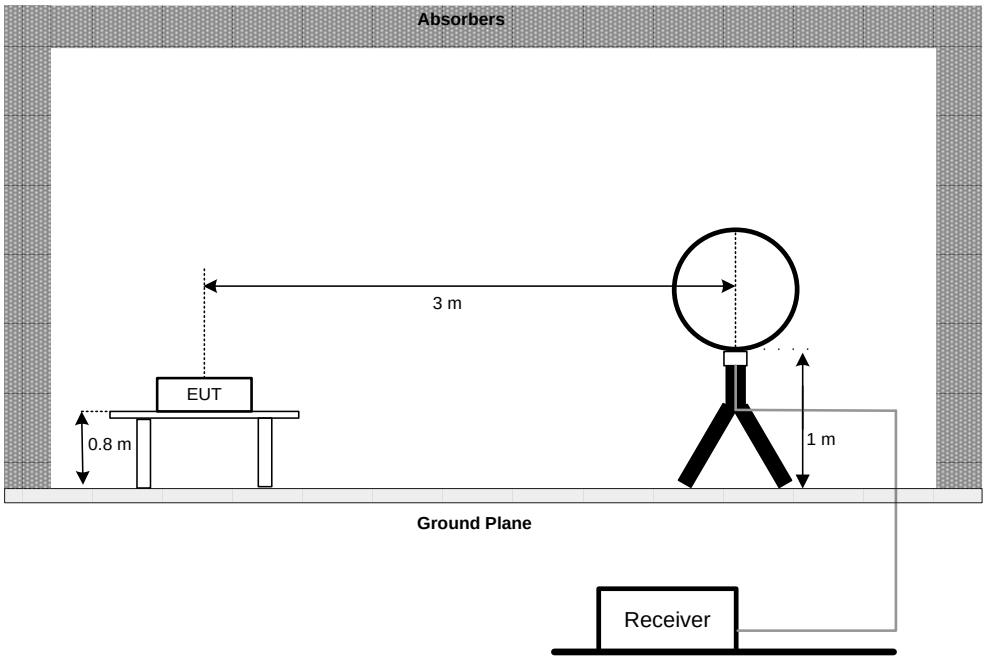
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~40 GHz for PK/AVG detector

4.3 DEVIATION FROM TEST STANDARD

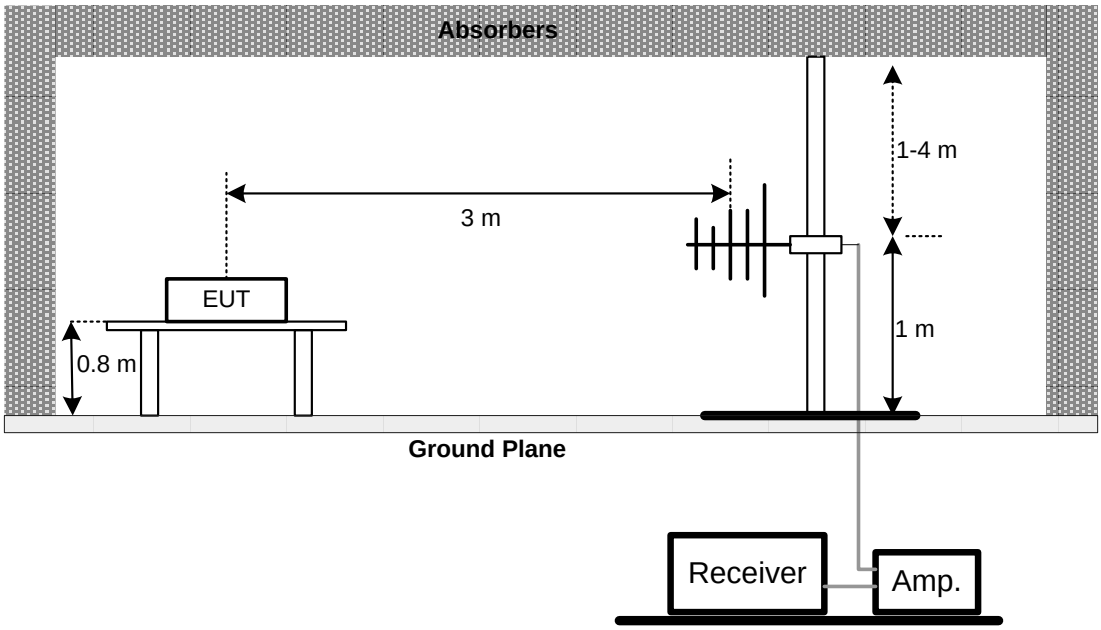
No deviation.

4.4 TEST SETUP

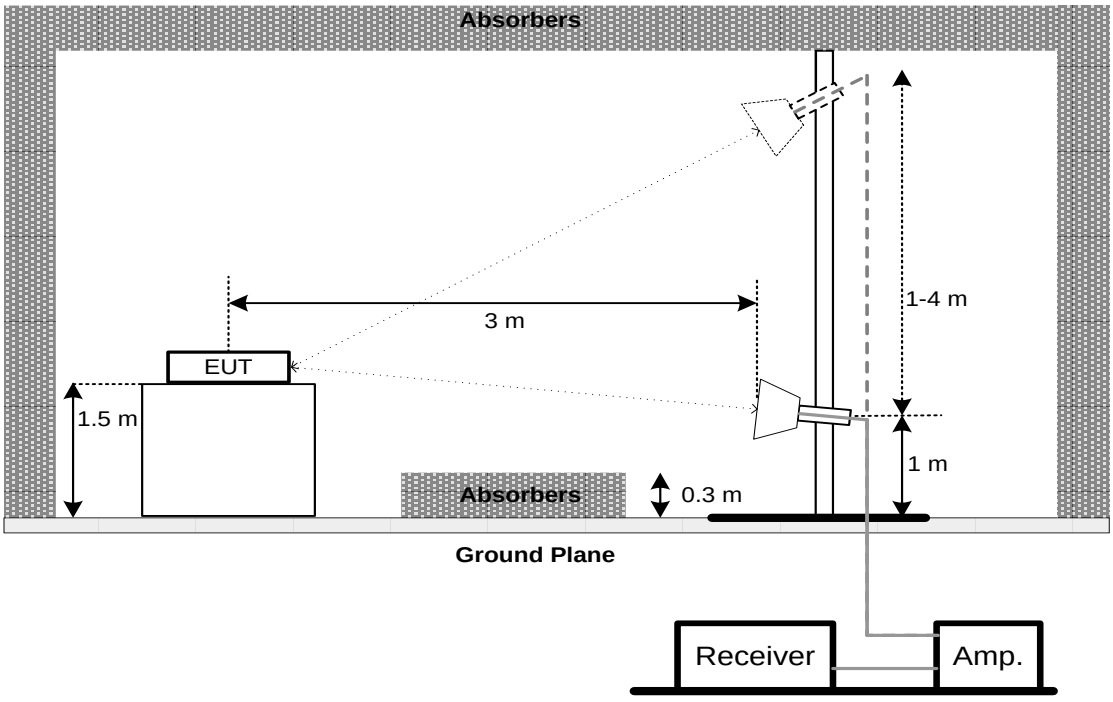
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

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	Frequency Range (MHz)
FCC 15.407(a)	26 dB Bandwidth	-	5150-5250
FCC 15.407(e)	6 dB Bandwidth	Minimum 500 kHz	5725-5850

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. Spectrum Setting:

For UNII-1:

Spectrum Parameter	Setting
Span Frequency	> 26 dB Bandwidth
RBW	Appromiximately 1% of the emission bandwidth
VBW	> RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For UNII-3:

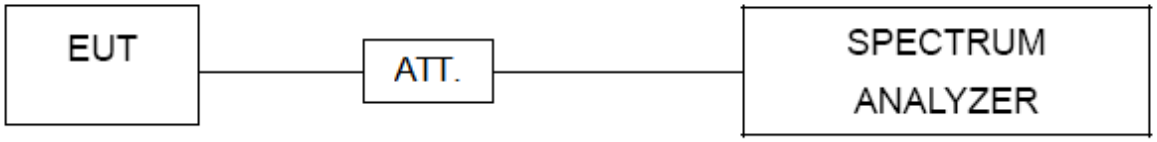
Spectrum Parameter	Setting
Span Frequency	> 6 dB Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26 dB / 6 dB below carrier.

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	Frequency Range (MHz)
FCC 15.407(a)	Maximum Output Power	AP device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		1 Watt (30dBm)	5725-5850

Note:

a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

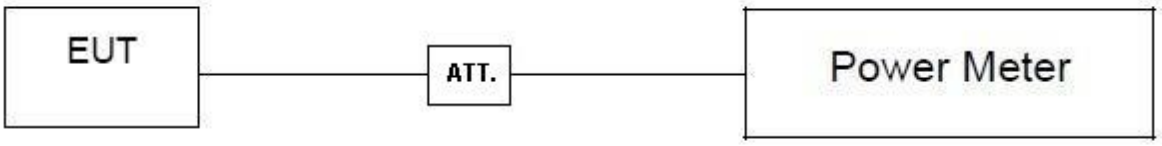
6.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. Test test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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. POWER SPECTRAL DENSITY

7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Power Spectral Density	AP device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		30 dBm/500 kHz	5725-5850

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. Spectrum Setting:

For UNII-1:

Spectrum Parameter	Setting
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	1 MHz.
VBW	3 MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

For UNII-3:

Spectrum Parameter	Setting
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	100 kHz.
VBW	300 kHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

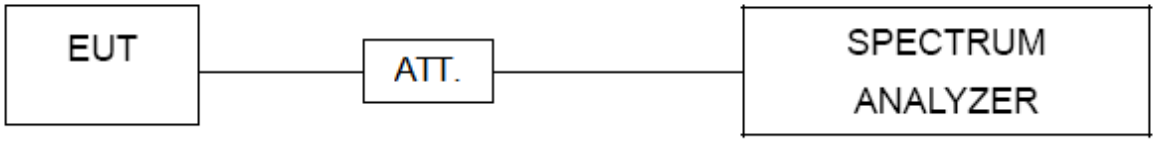
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 100kHz and VBW at 300kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add 10 log (500 kHz/100 kHz) to the measured result, i.e. 7 dB.
2. During the test of U-NII 3 PSD, the measurement result with RBW=100kHz has been added 7 dB by compensating offset. For example, the cable loss is 13 dB, and the final offset is 13 + 7 = 20 dB when RBW=100kHz is used.

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. 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 Aug. 23, 2022
3	Test Cable	emci	EMCRG400-BM-NM-10000	170628	April. 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. 21, 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	May. 20, 2022
2	MXE EMI Receiver	Keysight	N9038A	MY56400088	Mar. 21, 2022
3	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 9160	9160-3233	Mar. 26, 2022
2	Pre-Amplifier	emci	EMC9135	980401	Mar. 20, 2022
3	MXE EMI Receiver	Keysight	N9038A	MY56400088	Mar. 21, 2022
4	Test Cable	emci	EMC104-SM-SM-7000	181020	Apr. 11, 2022
5	Test Cable	emci	EMC104-SM-SM-2500	170618	Apr. 11, 2022
6	Test Cable	emci	EMC104-SM-SM-800	170647	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 Broadband Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1817	Mar. 26, 2022
2	Pre-Amplifier	emci	EMC051845SE	980725	Sep. 14, 2021 Aug. 23, 2022
3	EXA Spectrum Analyzer	Keysight	N9010A	MY56480579	Mar. 21, 2022
4	Test Cable	emci	EMC104-SM-SM-7000	181020	Apr. 11, 2022
5	Test Cable	emci	EMC104-SM-SM-2500	170618	Apr. 11, 2022
6	Test Cable	emci	EMC104-SM-SM-800	170647	Apr. 11, 2022
7	Double-Ridged Waveguide Horn Antenna	ETS-Lindgren	3116C	00203919	May 19, 2022
8	Pre-Amplifier	emci	EMC184045B	980265	Apr. 11, 2022
9	Test Cable	emci	EMC102-SM-SM-800	170335	Apr. 11, 2022
10	Test Cable	emci	EMC102-KM-KM-2500	170627	Apr. 11, 2022
11	MXE EMI Receiver	Keysight	N9038A	MY5640088	Mar. 21, 2022
12	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 29, 2022
2	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

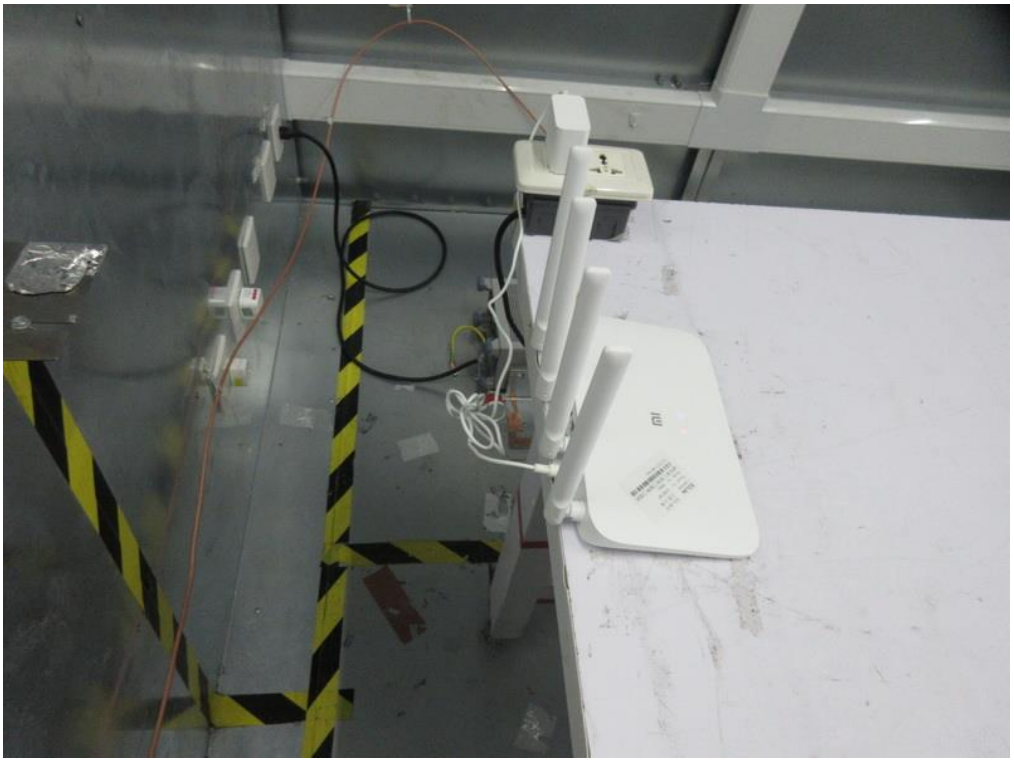
Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyze	Keysight	8990B	MY51000507	Mar. 21, 2022
2	Wideband Power Sensor	Keysight	N1923A	MY58310003	Mar. 21, 2022
3	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 29, 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.

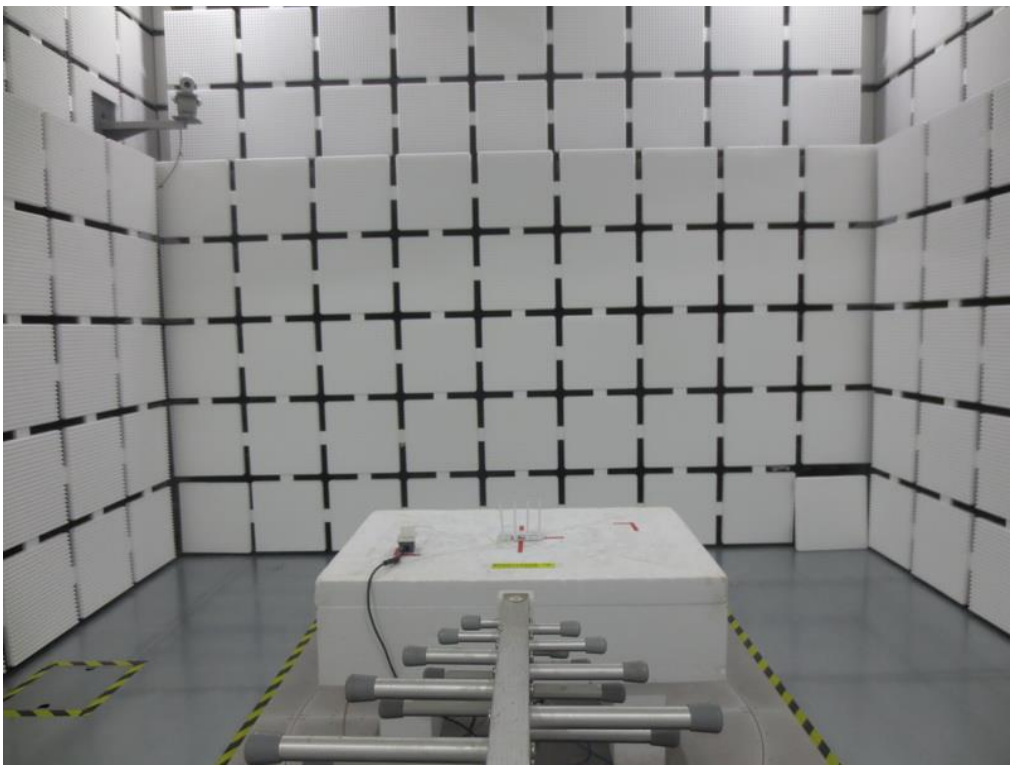
9. EUT TEST PHOTOS

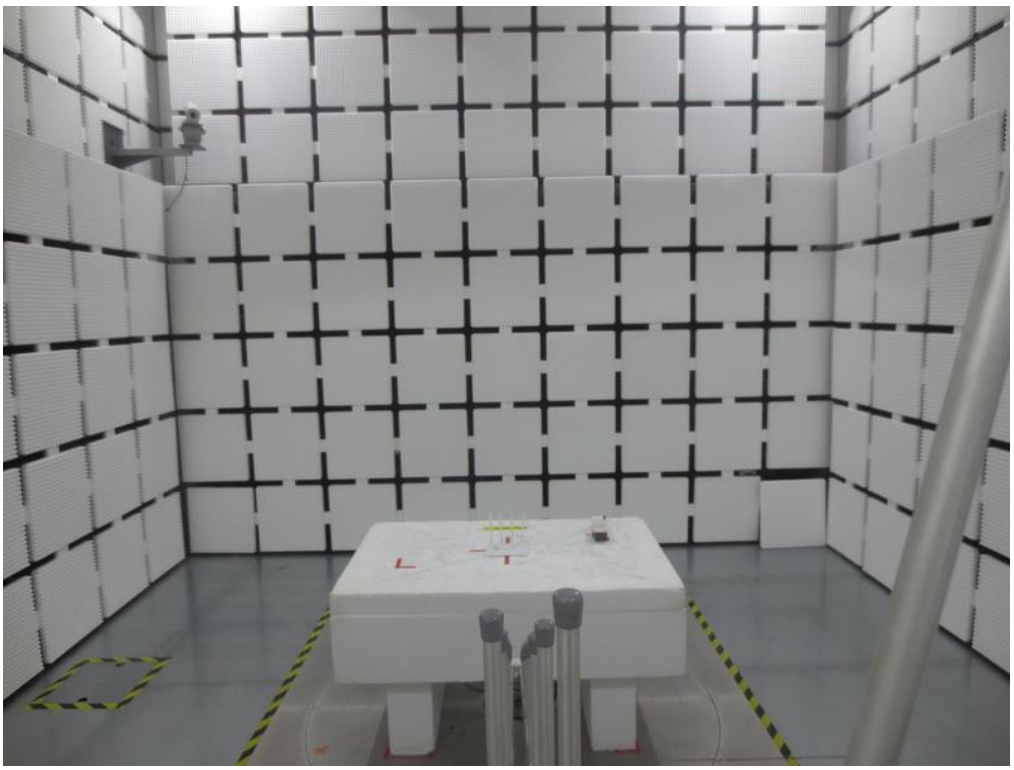
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

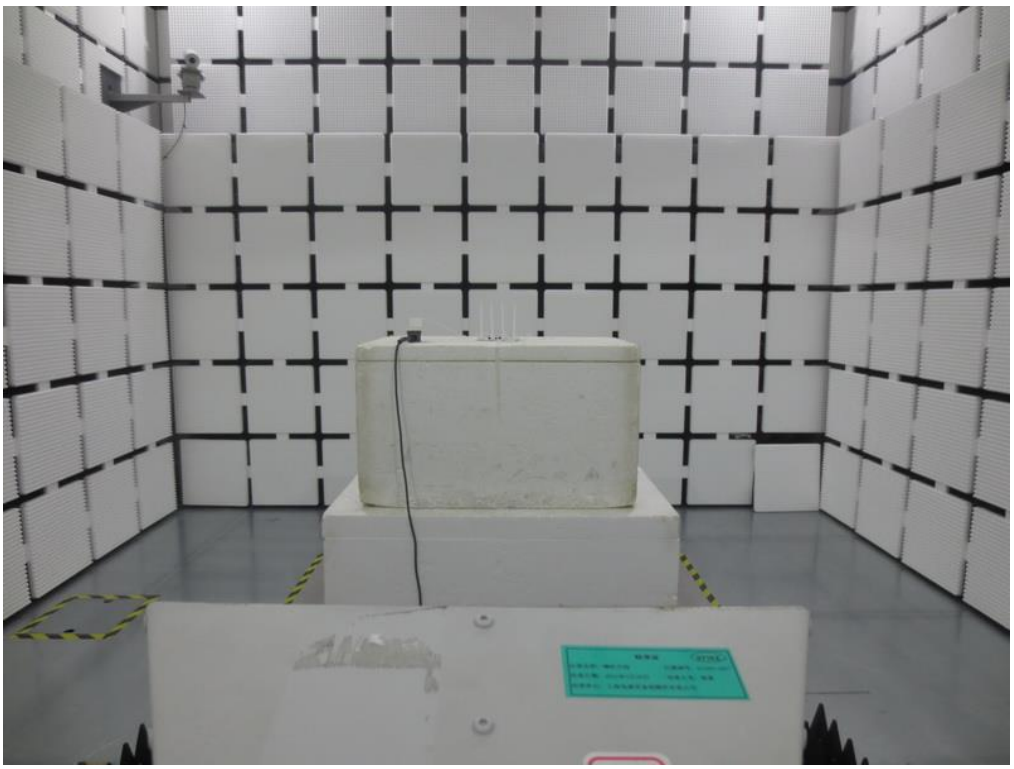
30 MHz to 1 GHz

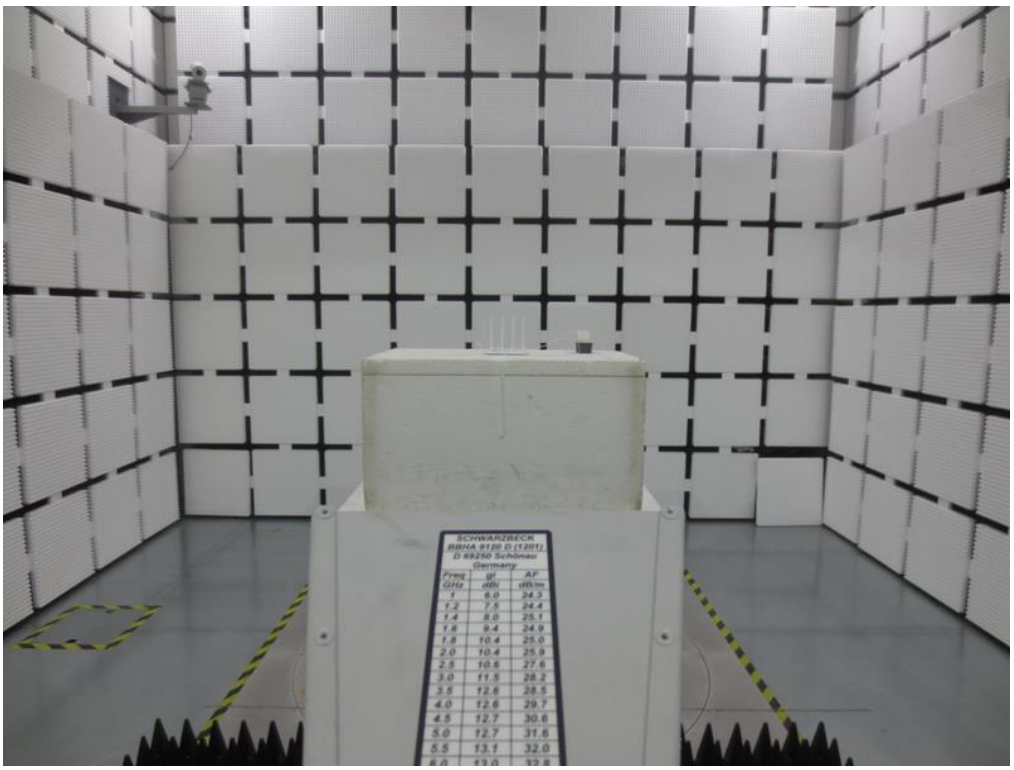




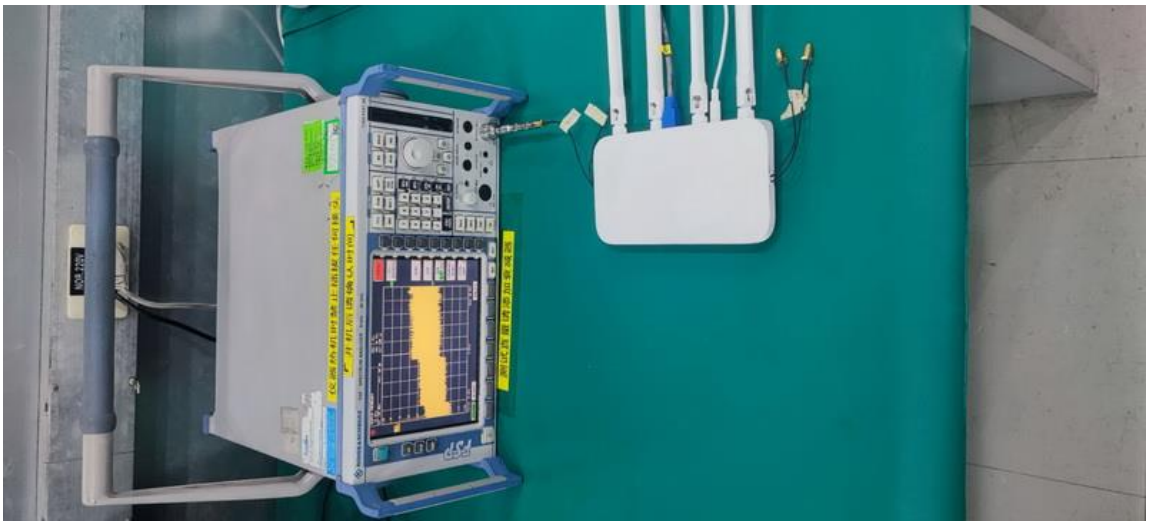
Radiated Emissions Test Photos

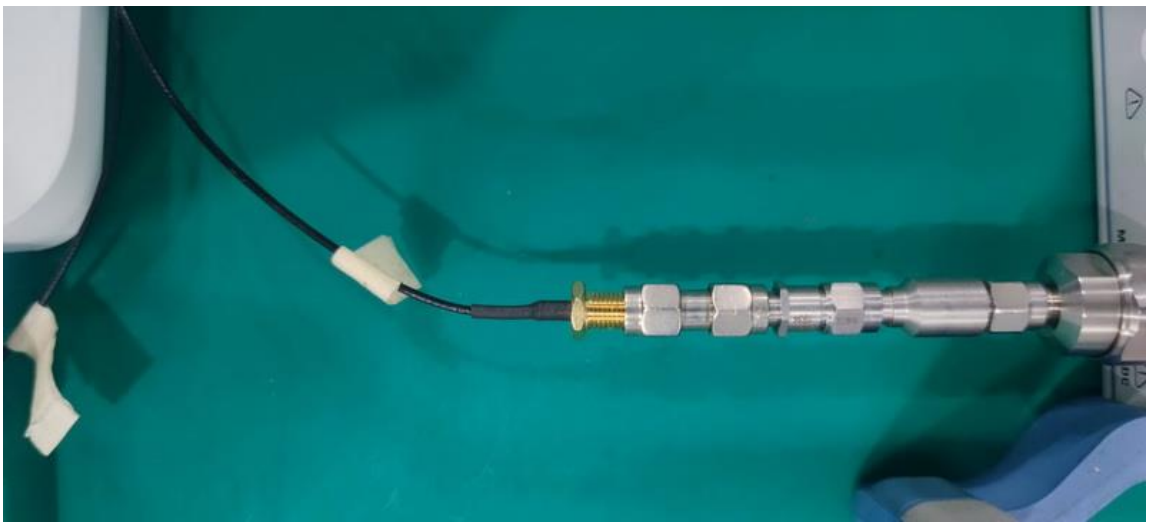
Above 1 GHz





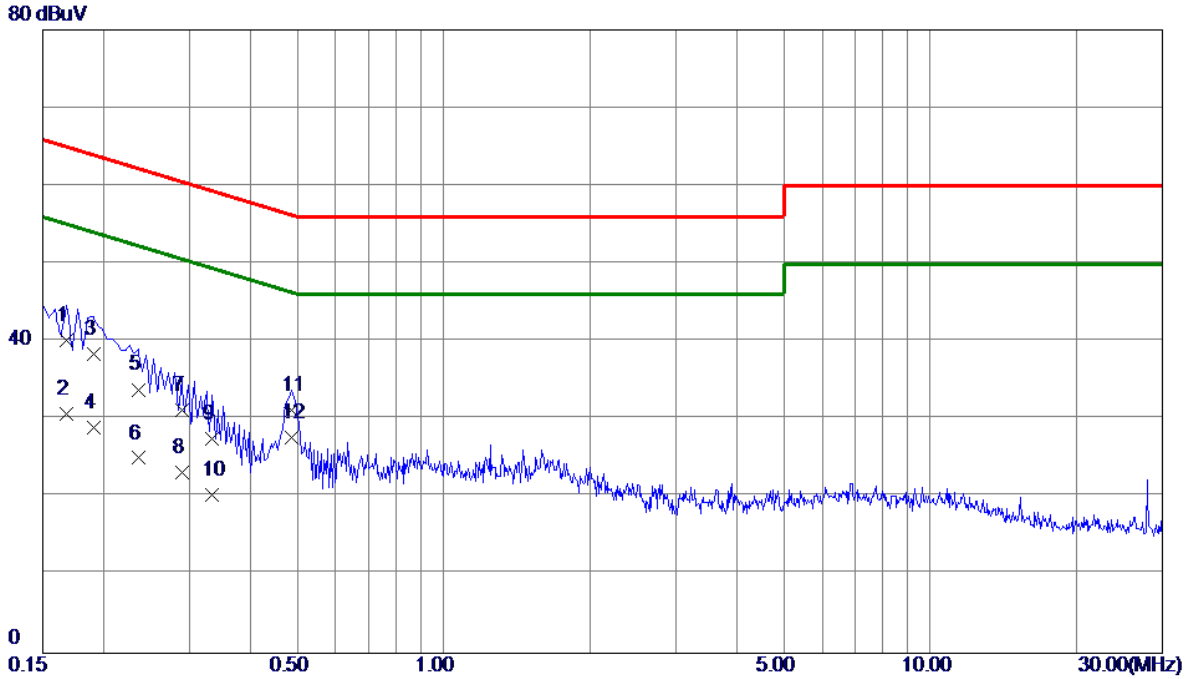
Conducted Test Photos





APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

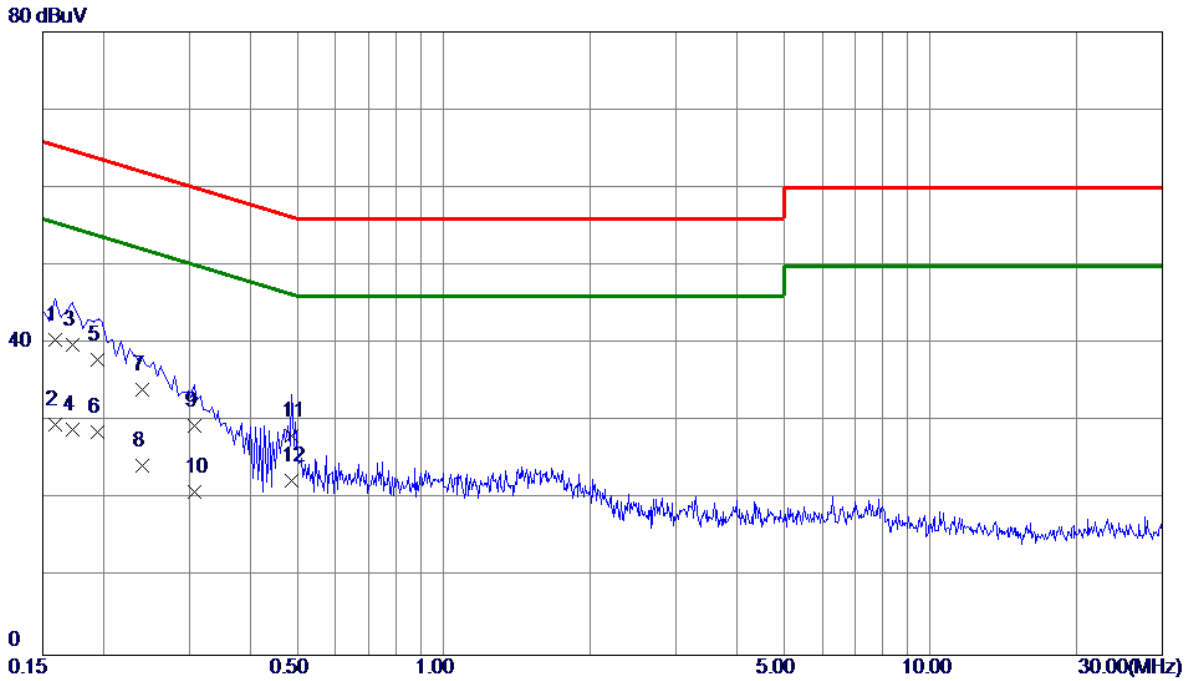
Test Mode	TX N(HT40) Mode Channel 151 (UNII-3)	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1680	30.51	9.72	40.23	65.06	-24.83	QP	
2	0.1680	21.01	9.72	30.73	55.06	-24.33	AVG	
3	0.1905	28.60	9.74	38.34	64.01	-25.67	QP	
4	0.1905	19.20	9.74	28.94	54.01	-25.07	AVG	
5	0.2355	24.09	9.75	33.84	62.25	-28.41	QP	
6	0.2355	15.29	9.75	25.04	52.25	-27.21	AVG	
7	0.2895	21.40	9.76	31.16	60.54	-29.38	QP	
8	0.2895	13.50	9.76	23.26	50.54	-27.28	AVG	
9	0.3345	17.79	9.77	27.56	59.34	-31.78	QP	
10	0.3345	10.49	9.77	20.26	49.34	-29.08	AVG	
11	0.4875	21.40	9.79	31.19	56.21	-25.02	QP	
12 *	0.4875	17.90	9.79	27.69	46.21	-18.52	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.
(3) The test result has included the cable loss.

Test Mode	TX N(HT40) Mode Channel 151 (UNII-3)	Phase	Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1590	30.80	9.69	40.49	65.52	-25.03	QP	
2	0.1590	19.90	9.69	29.59	55.52	-25.93	AVG	
3	0.1725	30.20	9.70	39.90	64.84	-24.94	QP	
4	0.1725	19.20	9.70	28.90	54.84	-25.94	AVG	
5	0.1949	28.20	9.71	37.91	63.83	-25.92	QP	
6	0.1949	18.90	9.71	28.61	53.83	-25.22	AVG	
7	0.2400	24.40	9.72	34.12	62.10	-27.98	QP	
8	0.2400	14.60	9.72	24.32	52.10	-27.78	AVG	
9	0.3075	19.69	9.74	29.43	60.04	-30.61	QP	
10	0.3075	11.19	9.74	20.93	50.04	-29.11	AVG	
11	0.4875	18.40	9.77	28.17	56.21	-28.04	QP	
12 *	0.4875	12.70	9.77	22.47	46.21	-23.74	AVG	

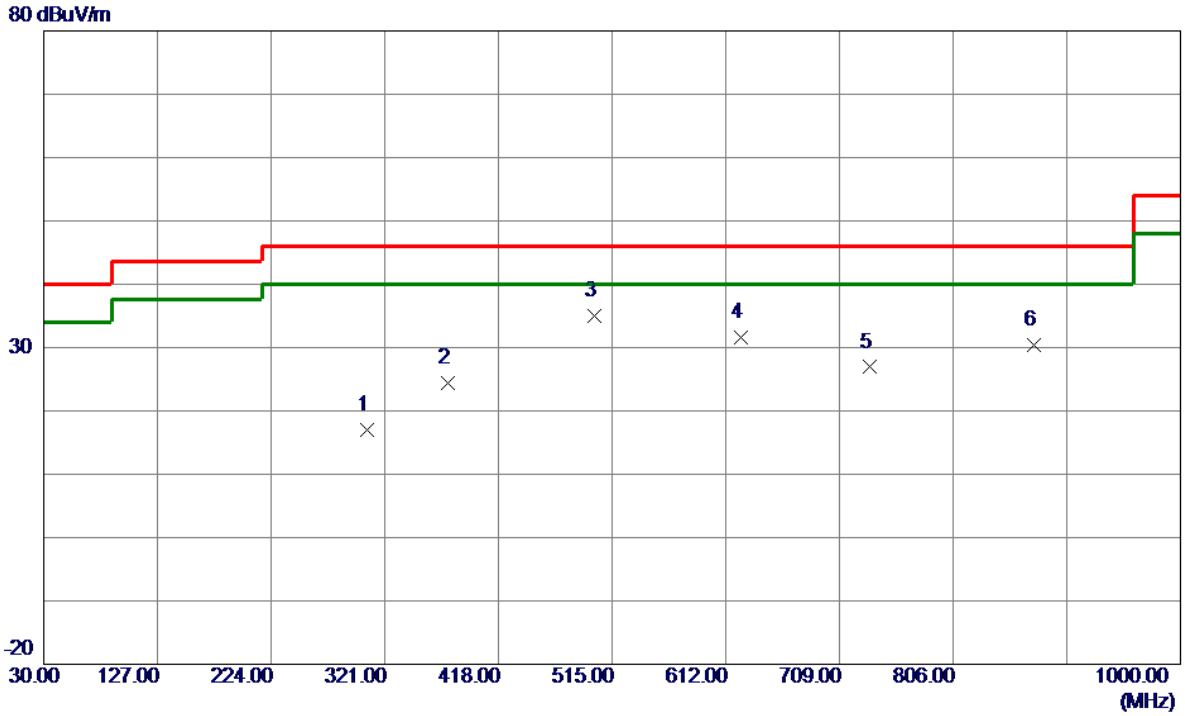
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.
(3) The test result has included the cable loss.

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

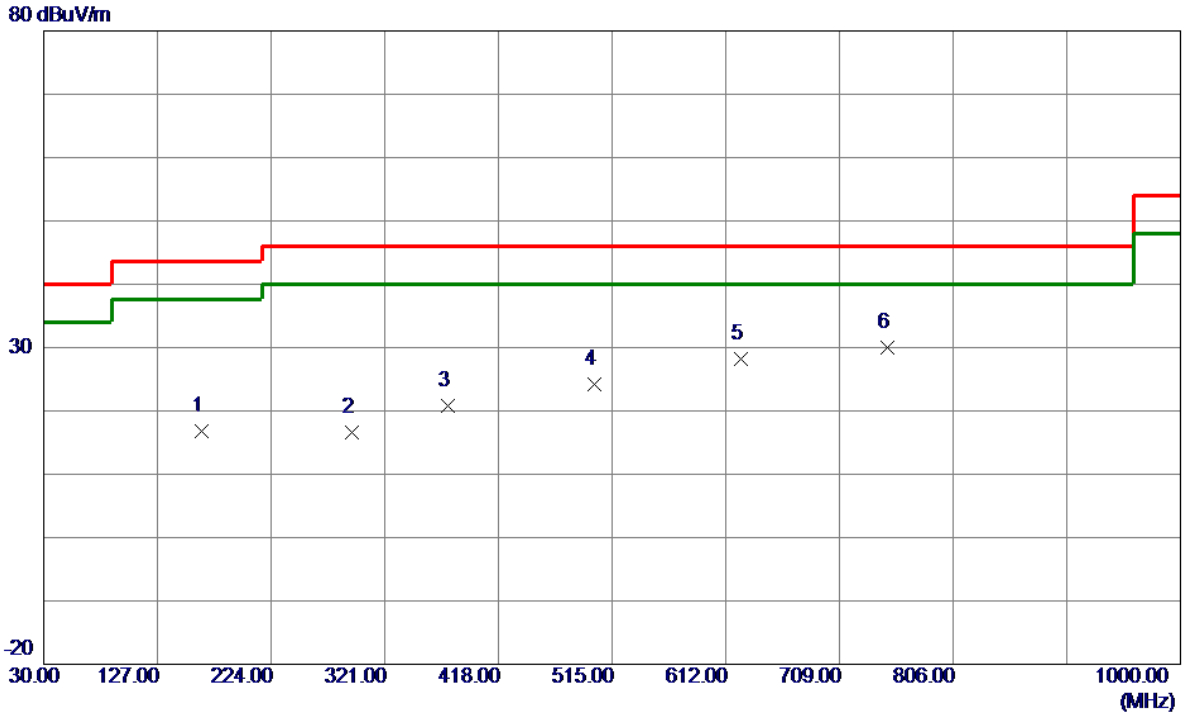
Test Mode	TX N(HT40) Mode Channel 151 (UNII-3)	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	305.4800	32.48	-15.48	17.00	46.00	-29.00	Peak	
2	374.8350	38.27	-13.90	24.37	46.00	-21.63	Peak	
3 *	499.9650	46.15	-11.21	34.94	46.00	-11.06	Peak	
4	625.0949	40.44	-8.86	31.58	46.00	-14.42	Peak	
5	735.1900	34.30	-7.40	26.90	46.00	-19.10	Peak	
6	874.8700	36.50	-6.14	30.36	46.00	-15.64	Peak	

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

Test Mode	TX N(HT40) Mode Channel 151 (UNII-3)	Polarization	Horizontal



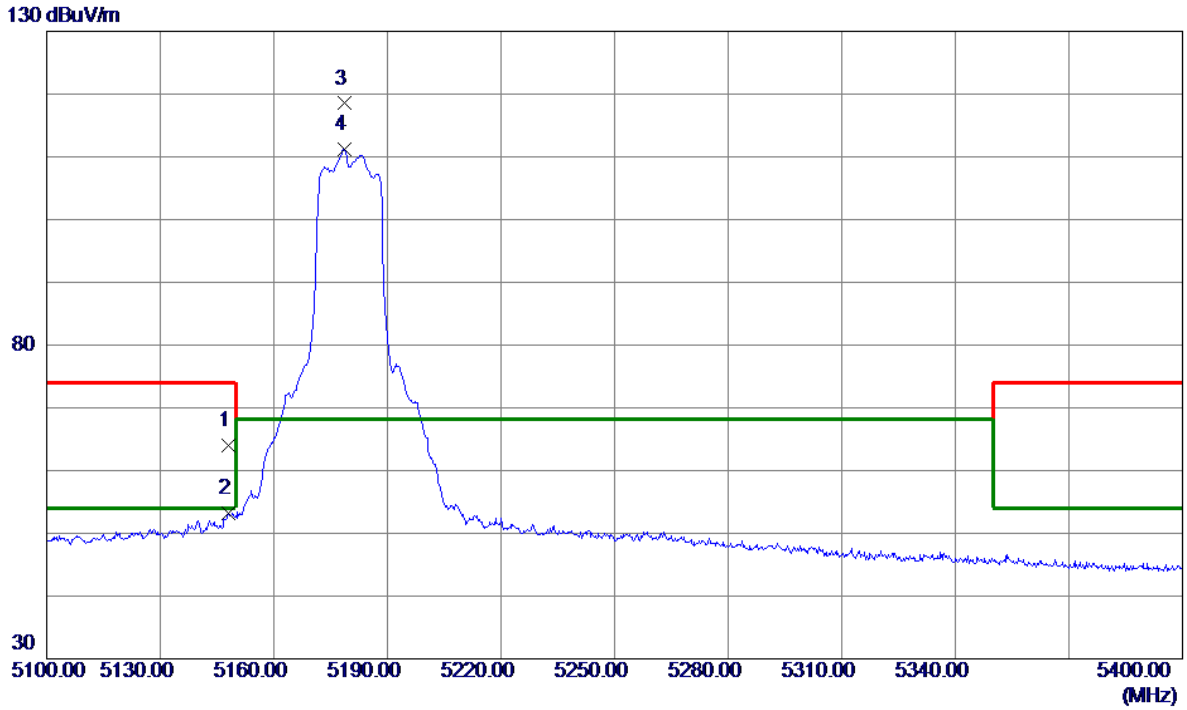
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	164.3450	32.89	-16.18	16.71	43.50	-26.79	Peak	
2	293.3550	32.37	-15.80	16.57	46.00	-29.43	Peak	
3	374.8350	34.64	-13.90	20.74	46.00	-25.26	Peak	
4	499.9650	35.48	-11.21	24.27	46.00	-21.73	Peak	
5	625.0949	37.01	-8.86	28.15	46.00	-17.85	Peak	
6 *	750.2250	37.22	-7.23	29.99	46.00	-16.01	Peak	

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Ant.1+ Ant.2

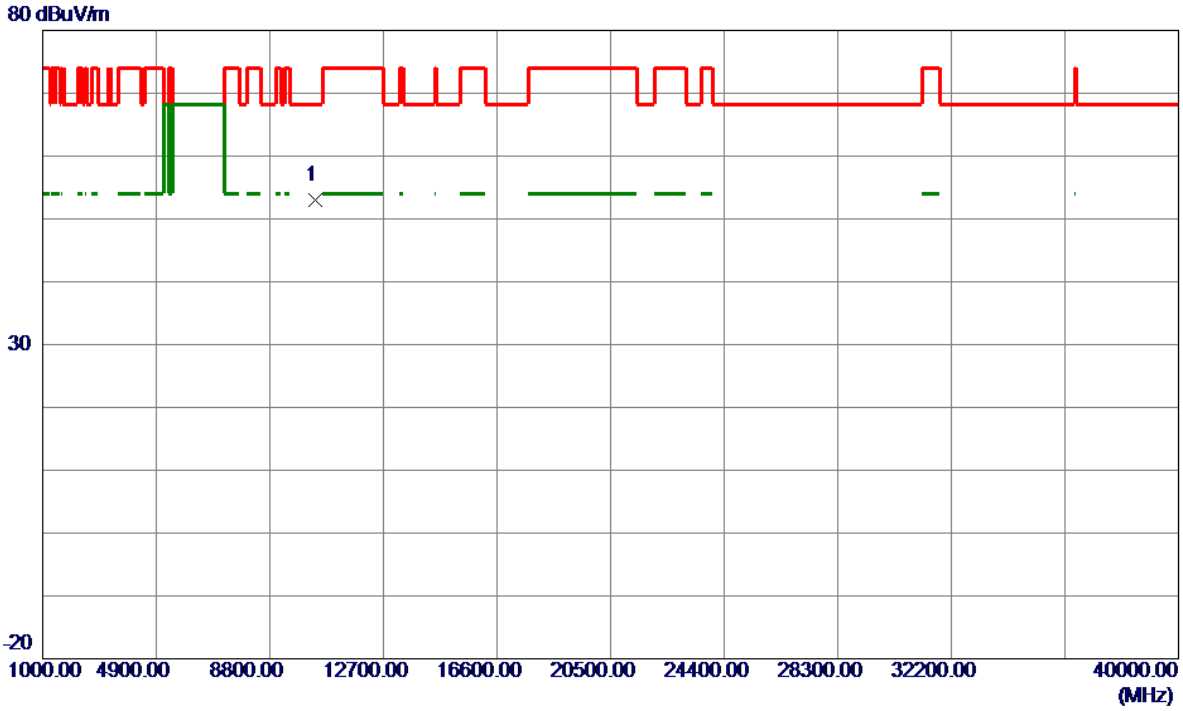
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5148.0000	26.07	37.88	63.95	74.00	-10.05	Peak	
2	5148.0000	15.32	37.88	53.20	54.00	-0.80	AVG	
3 *	5178.6000	80.74	37.76	118.50	68.20	50.30	Peak	NO limit
4	5178.6000	73.52	37.76	111.28	68.20	43.08	AVG	NO limit

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

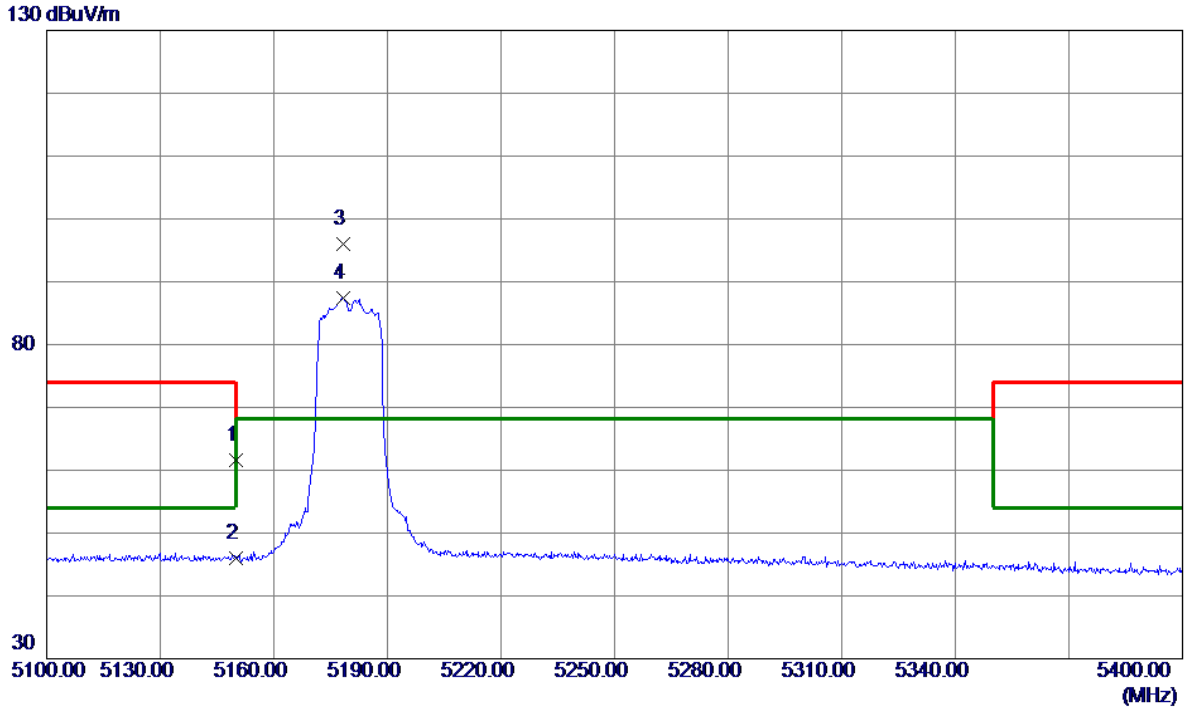
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0000	62.75	-9.68	53.07	68.20	-15.13	Peak	

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

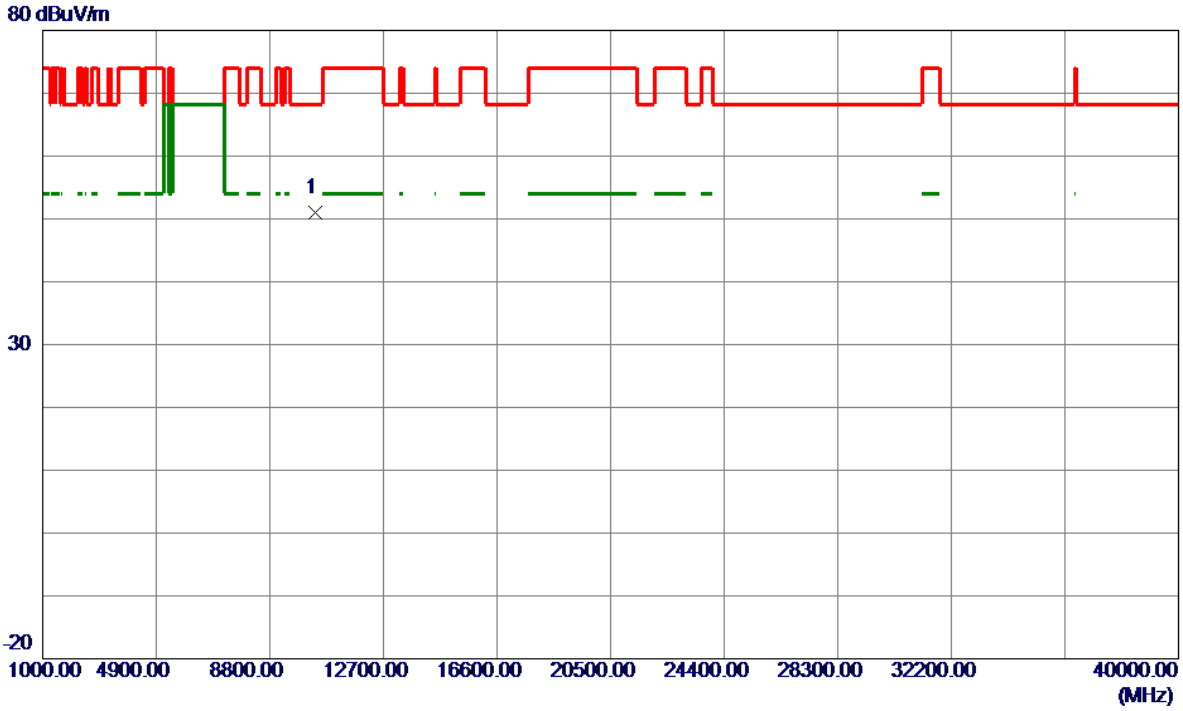
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.77	37.88	61.65	74.00	-12.35	Peak	
2	5150.0000	8.19	37.88	46.07	54.00	-7.93	AVG	
3 *	5178.3000	58.16	37.76	95.92	68.20	27.72	Peak	NO limit
4	5178.3000	49.64	37.76	87.40	68.20	19.20	AVG	NO limit

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

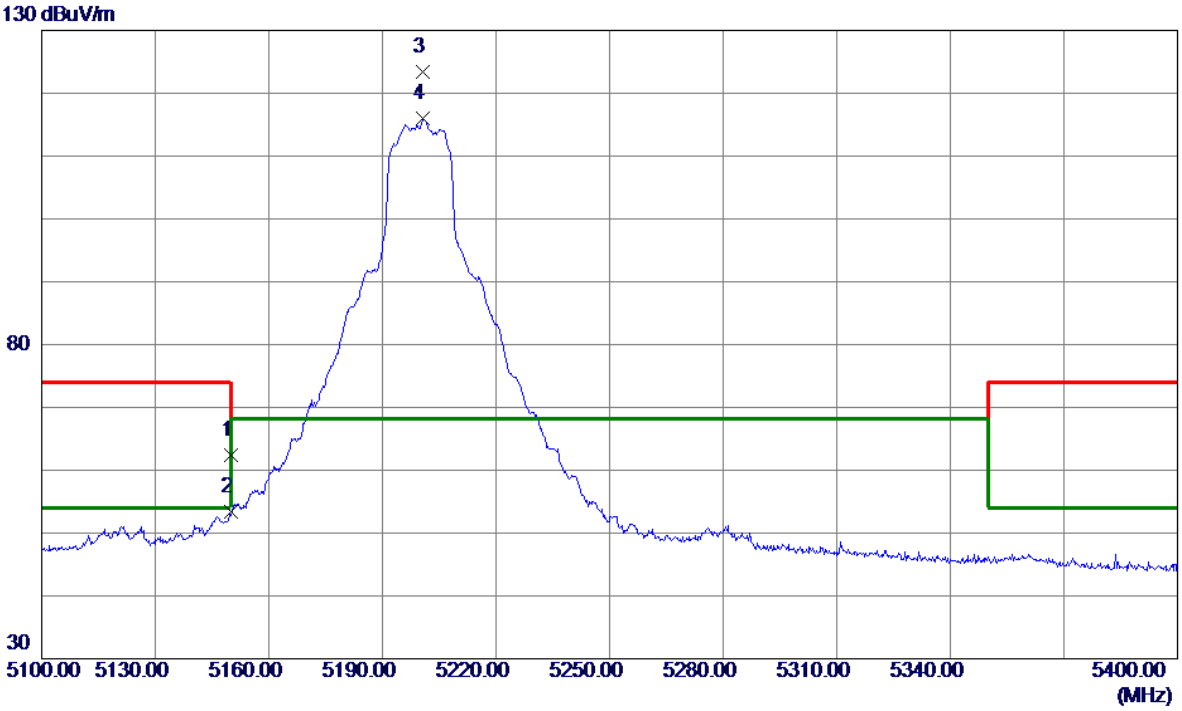
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0000	60.74	-9.68	51.06	68.20	-17.14	Peak	

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

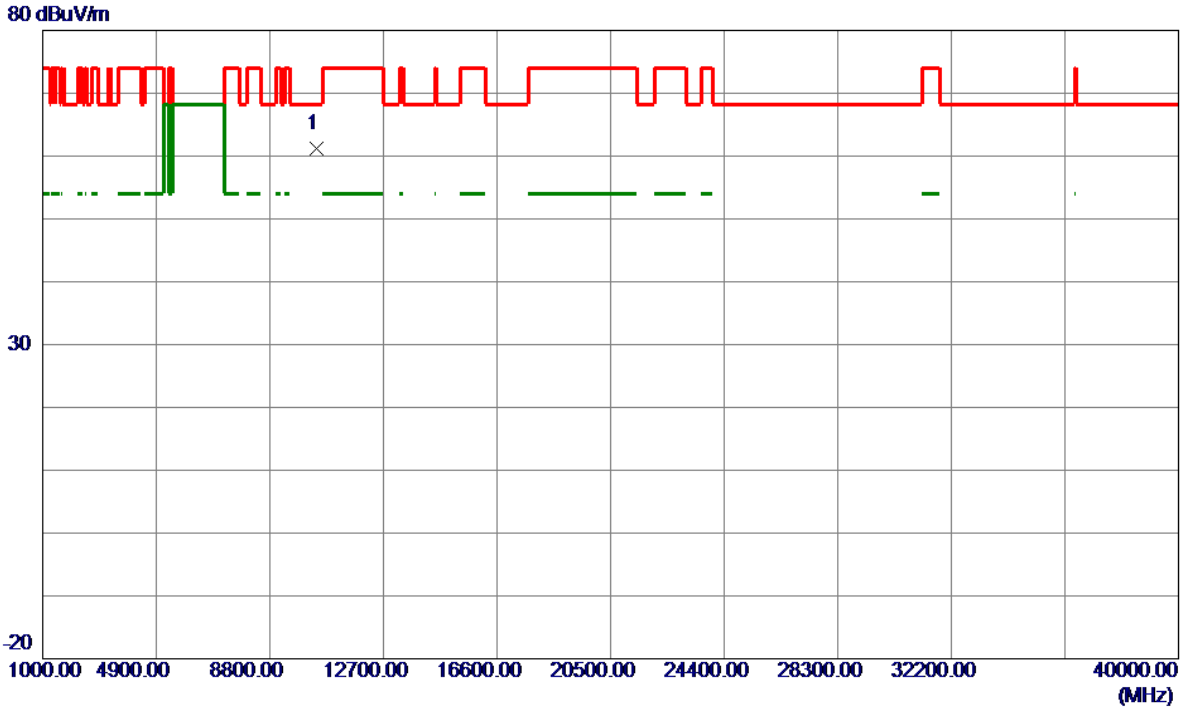
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.60	37.88	62.48	74.00	-11.52	Peak	
2	5150.0000	15.53	37.88	53.41	54.00	-0.59	AVG	
3 *	5200.8000	85.79	37.68	123.47	68.20	55.27	Peak	NO limit
4	5200.8000	78.27	37.68	115.95	68.20	47.75	AVG	NO limit

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

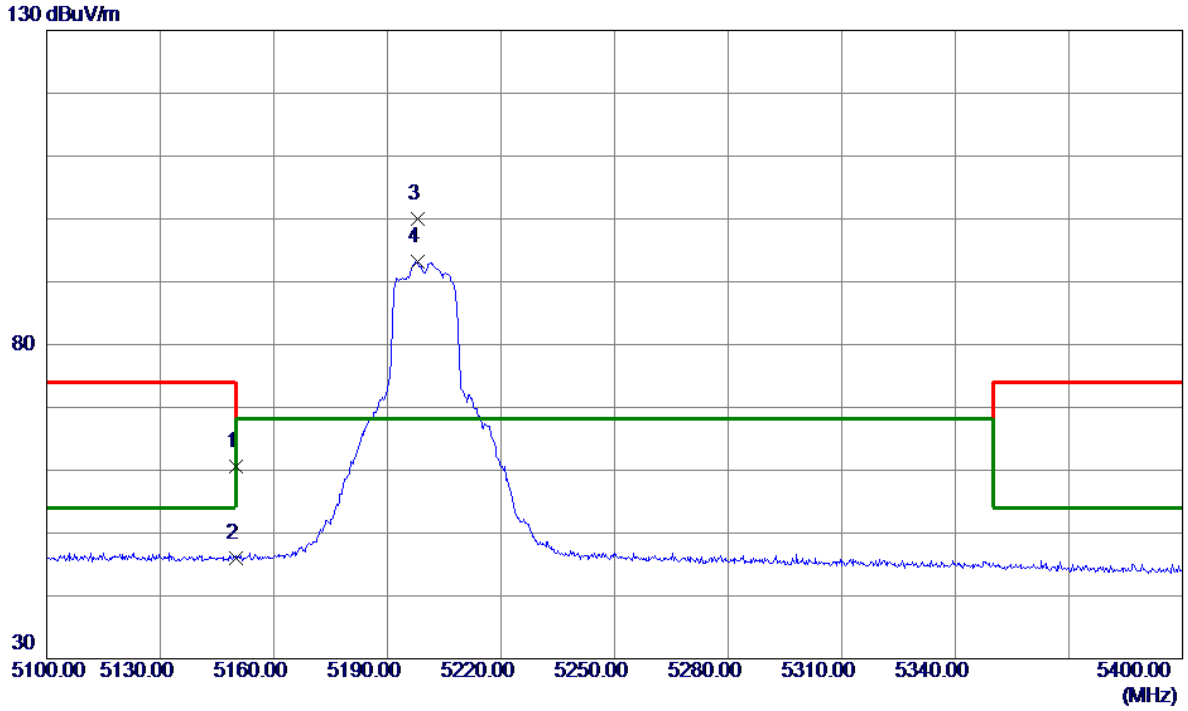
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.9500	70.71	-9.60	61.11	68.20	-7.09	Peak	

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

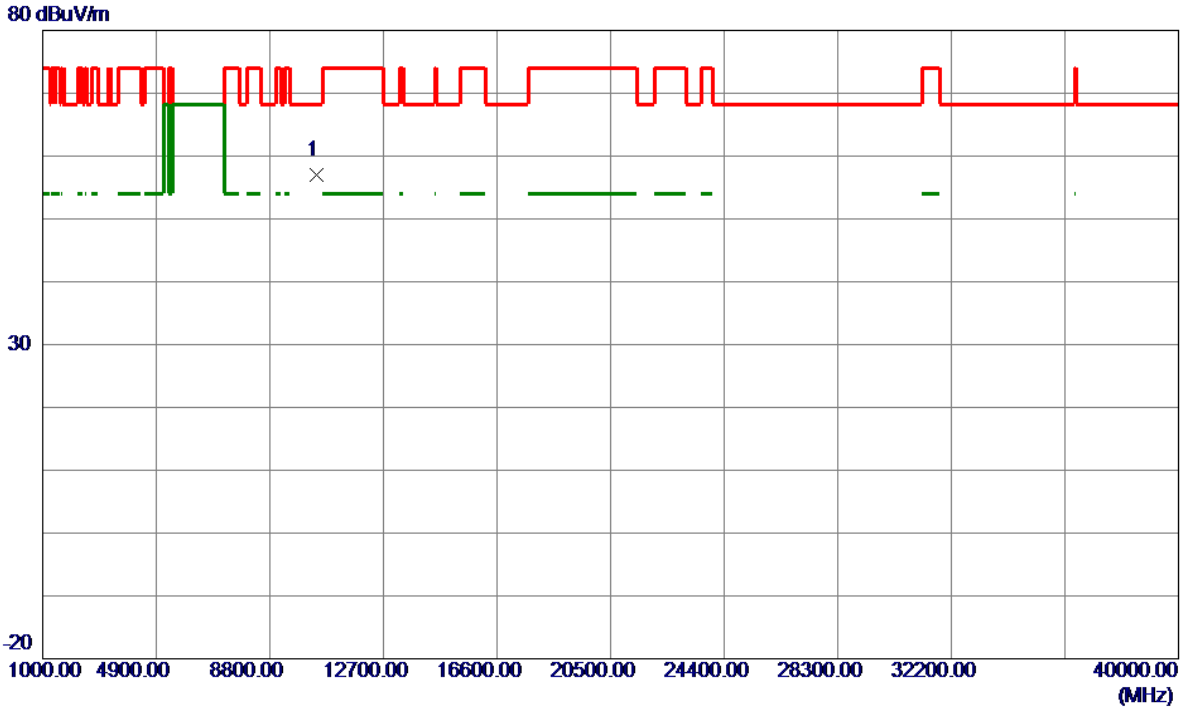
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.77	37.88	60.65	74.00	-13.35	Peak	
2	5150.0000	8.18	37.88	46.06	54.00	-7.94	AVG	
3 *	5197.9500	62.29	37.69	99.98	68.20	31.78	Peak	NO limit
4	5197.9500	55.50	37.69	93.19	68.20	24.99	AVG	NO limit

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

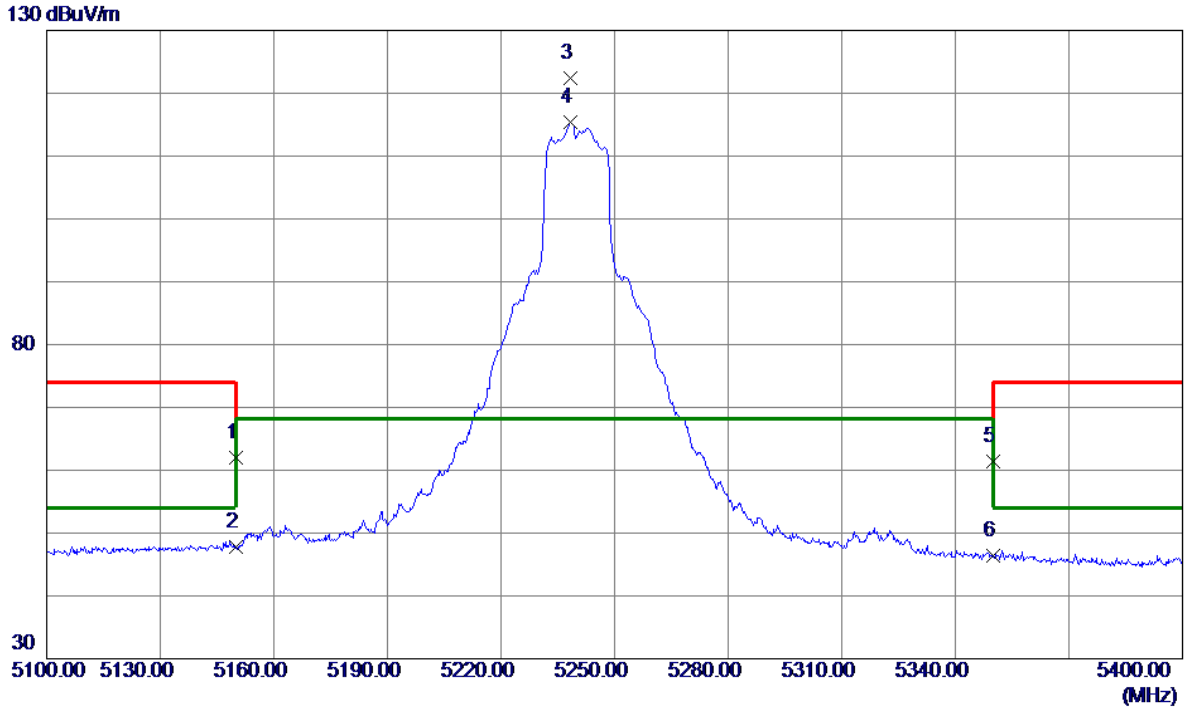
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10404.8500	66.55	-9.59	56.96	68.20	-11.24	Peak	

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

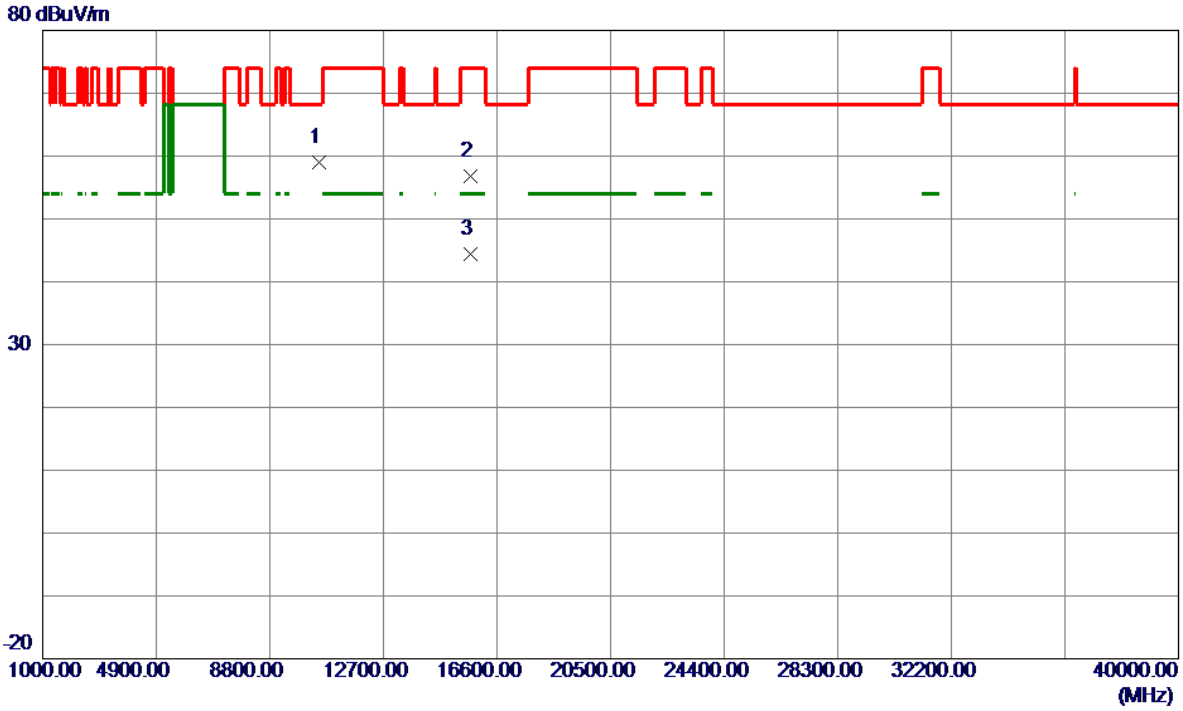
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.13	37.88	62.01	74.00	-11.99	Peak	
2	5150.0000	9.94	37.88	47.82	54.00	-6.18	AVG	
3 *	5238.3000	84.69	37.62	122.31	68.20	54.11	Peak	NO limit
4	5238.3000	77.74	37.62	115.36	68.20	47.16	AVG	NO limit
5	5350.0000	23.63	37.74	61.37	74.00	-12.63	Peak	
6	5350.0000	8.62	37.74	46.36	54.00	-7.64	AVG	

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

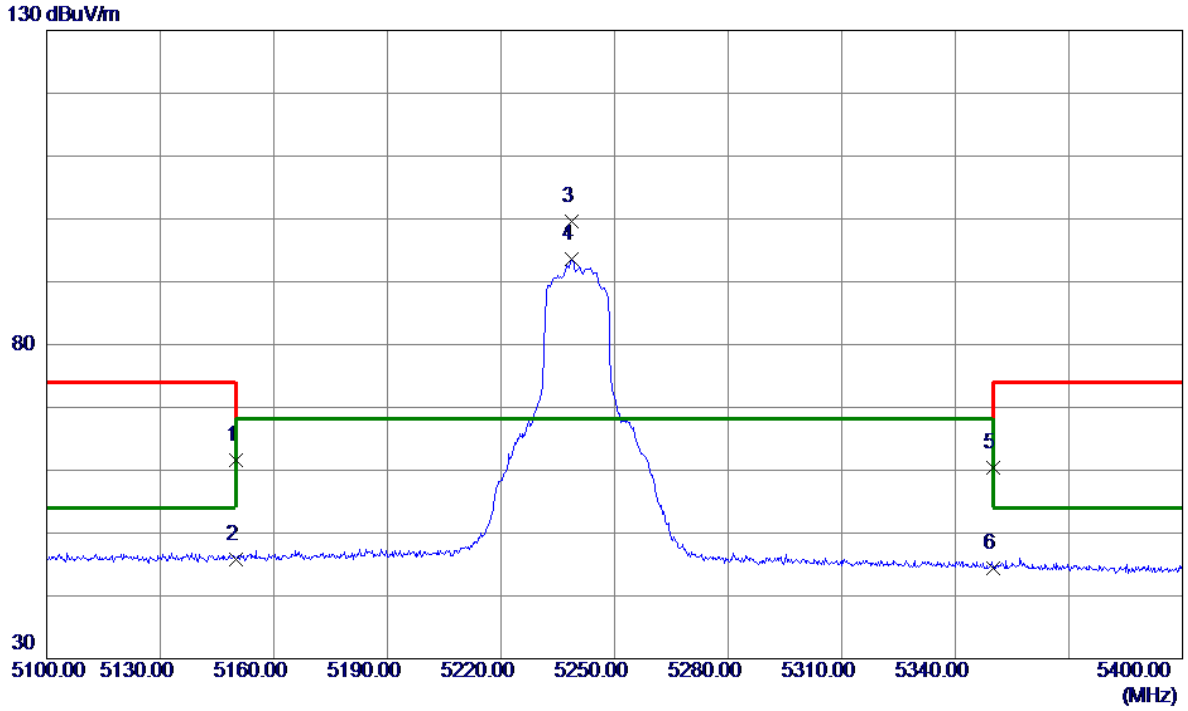
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10482.8500	68.57	-9.50	59.07	68.20	-9.13	Peak	
2	15710.8000	63.56	-6.82	56.74	74.00	-17.26	Peak	
3	15710.8000	51.31	-6.82	44.49	54.00	-9.51	AVG	

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

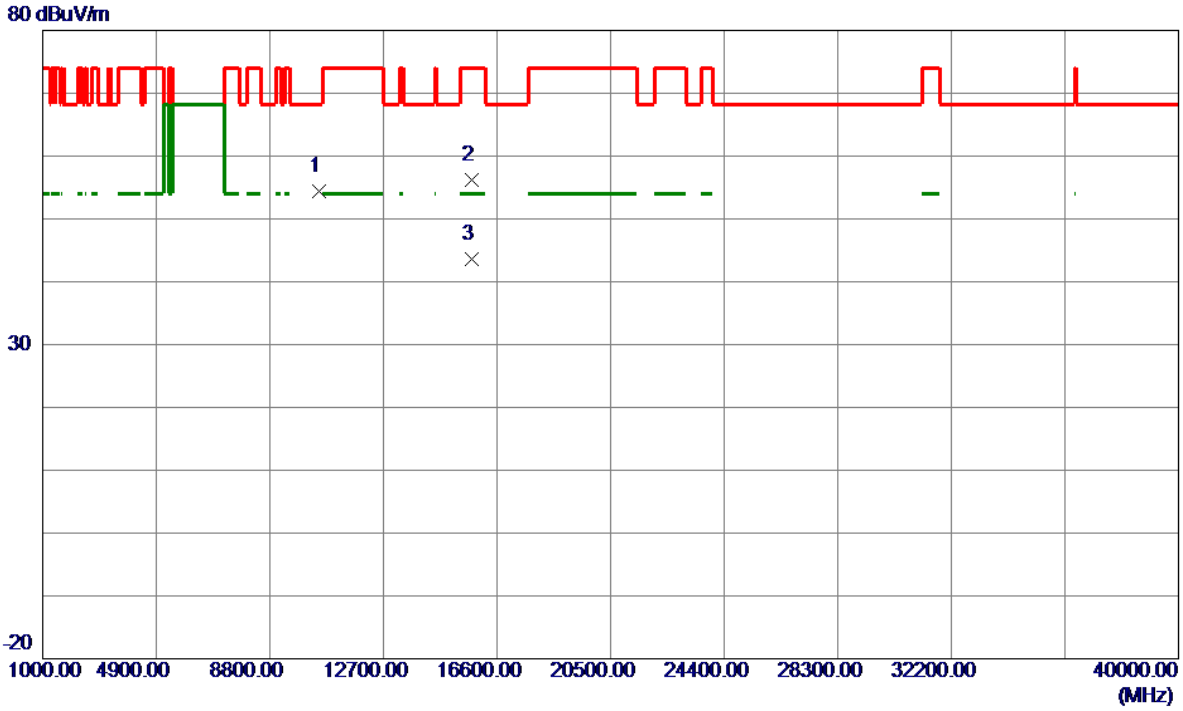
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.64	37.88	61.52	74.00	-12.48	Peak	
2	5150.0000	7.97	37.88	45.85	54.00	-8.15	AVG	
3 *	5238.7500	61.97	37.62	99.59	68.20	31.39	Peak	NO limit
4	5238.7500	55.99	37.62	93.61	68.20	25.41	AVG	NO limit
5	5350.0000	22.73	37.74	60.47	74.00	-13.53	Peak	
6	5350.0000	6.60	37.74	44.34	54.00	-9.66	AVG	

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

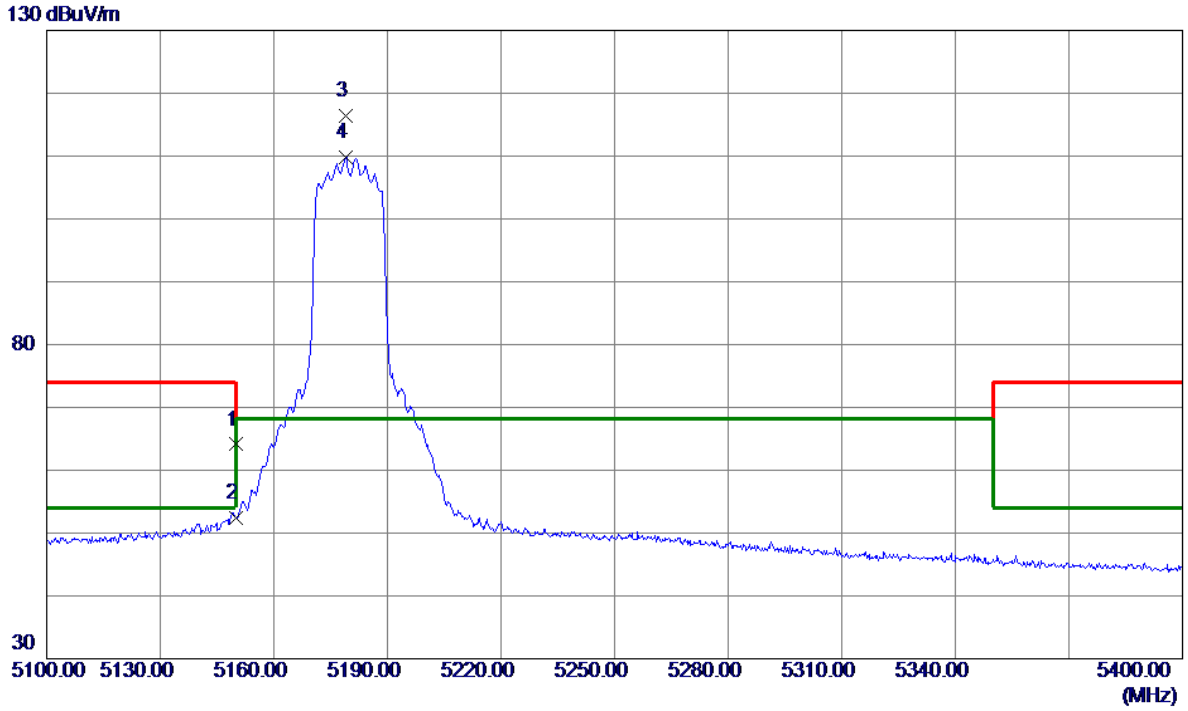
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10484.8000	63.92	-9.50	54.42	68.20	-13.78	Peak	
2	15714.7000	62.95	-6.83	56.12	74.00	-17.88	Peak	
3 *	15714.7000	50.38	-6.83	43.55	54.00	-10.45	AVG	

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

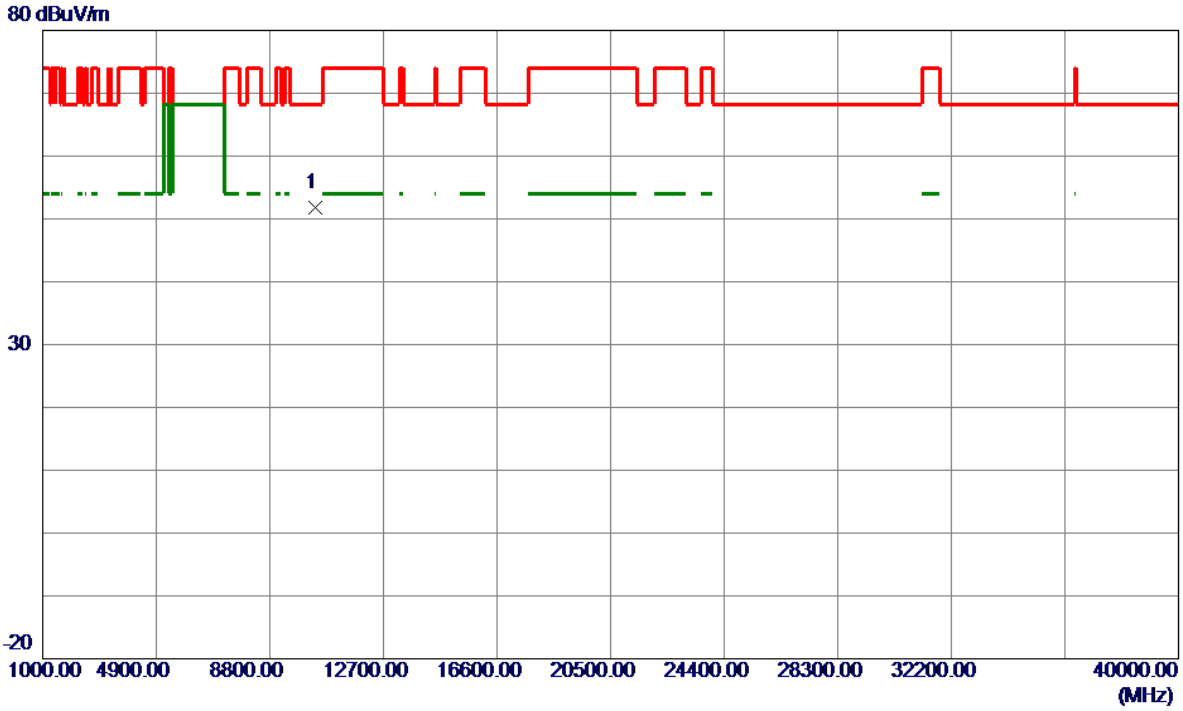
Test Mode	UNII-1_TX N(HT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	26.22	37.88	64.10	74.00	-9.90	Peak	
2	5150.0000	14.43	37.88	52.31	54.00	-1.69	AVG	
3 *	5179.0500	78.57	37.76	116.33	68.20	48.13	Peak	NO limit
4	5179.0500	72.00	37.76	109.76	68.20	41.56	AVG	NO limit

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

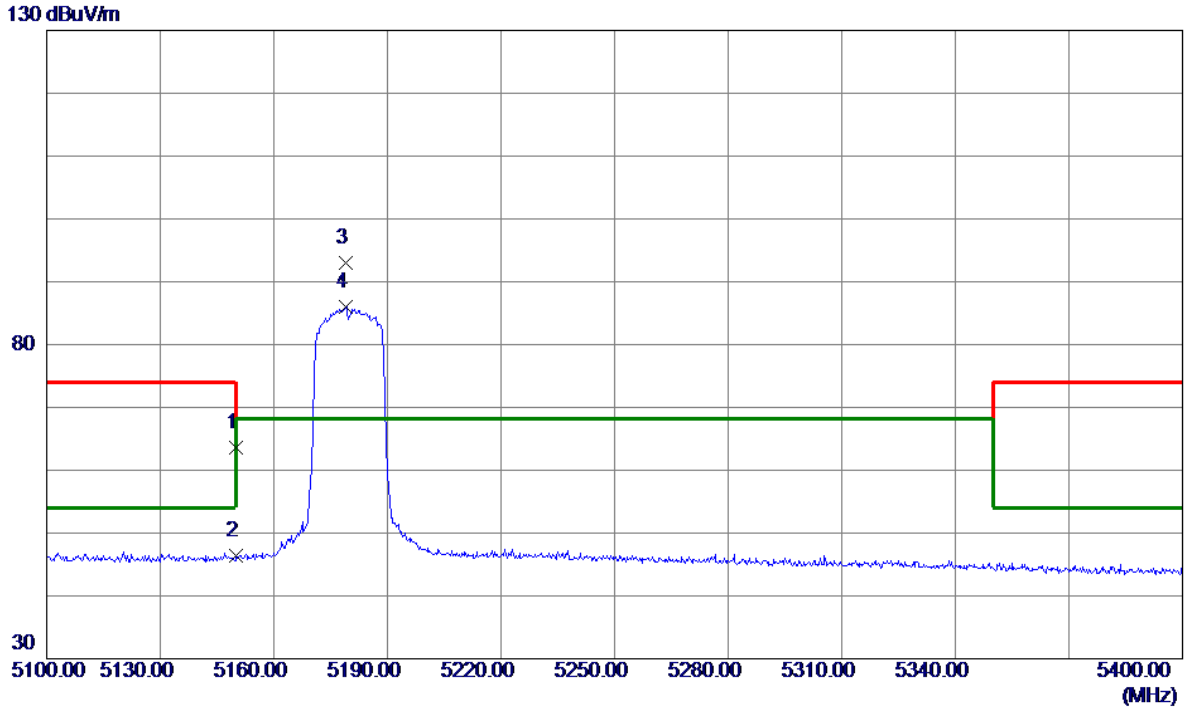
Test Mode	UNII-1_TX N(HT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10358.0500	61.41	-9.68	51.73	68.20	-16.47	Peak	

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

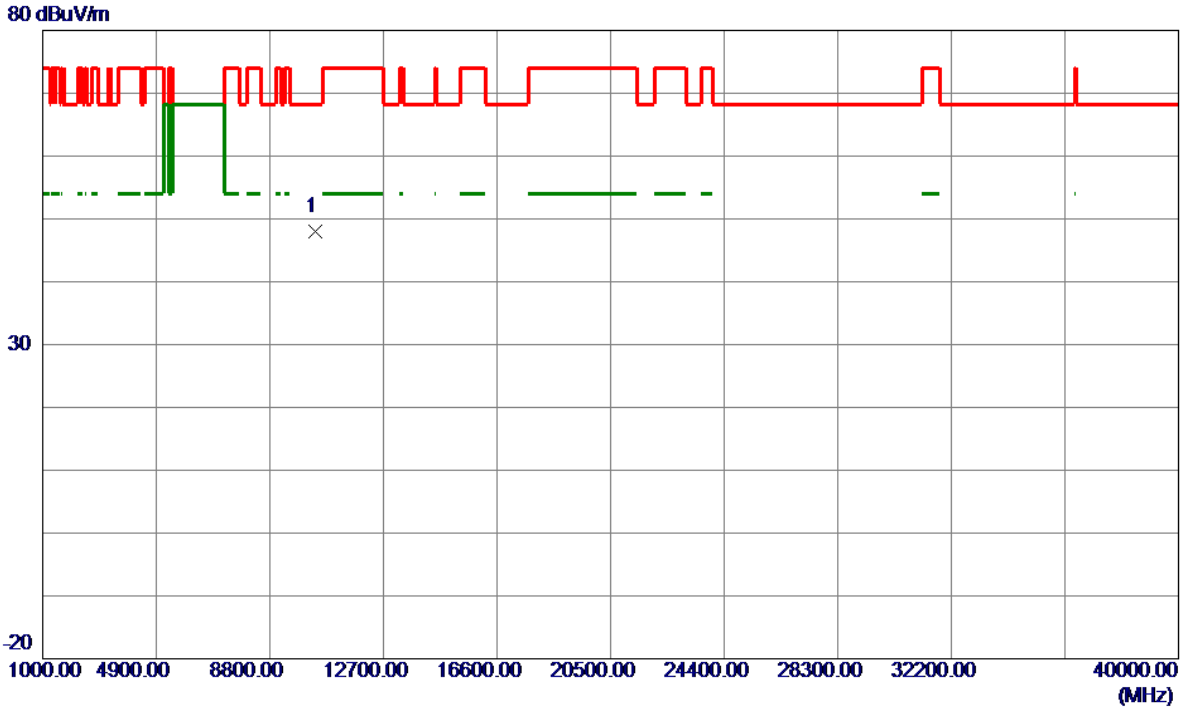
Test Mode	UNII-1_TX N(HT20) Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.64	37.88	63.52	74.00	-10.48	Peak	
2	5150.0000	8.48	37.88	46.36	54.00	-7.64	AVG	
3 *	5179.0500	55.22	37.76	92.98	68.20	24.78	Peak	NO limit
4	5179.0500	48.24	37.76	86.00	68.20	17.80	AVG	NO limit

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

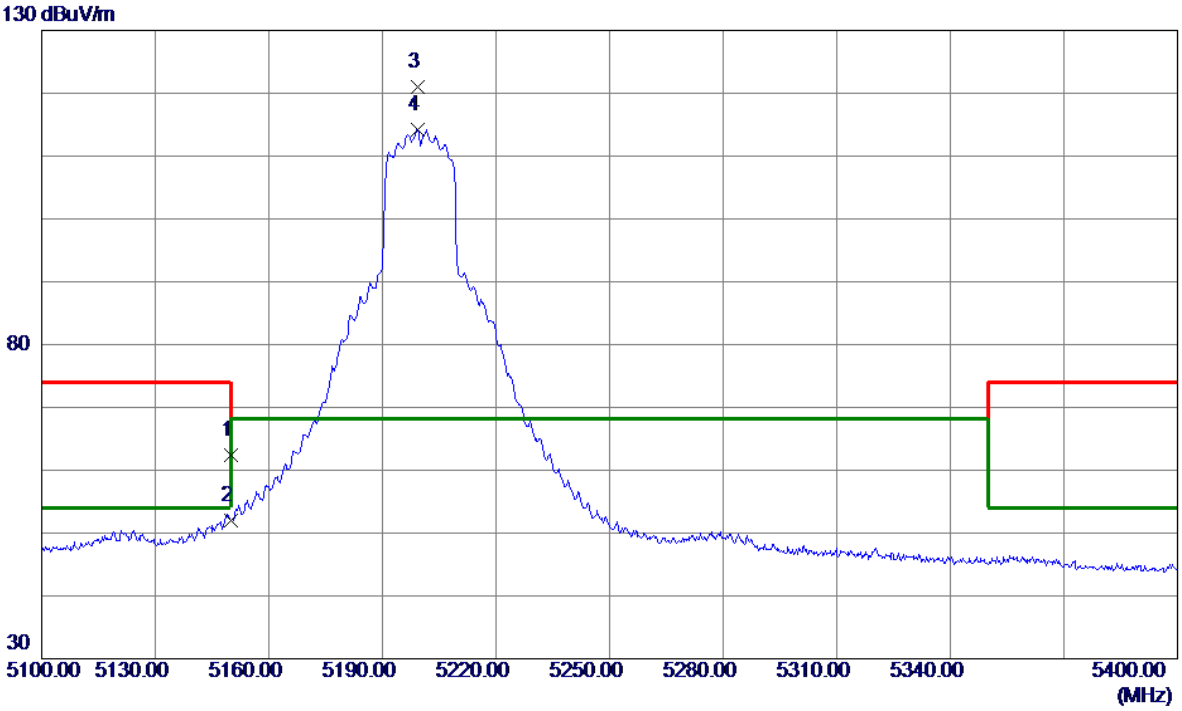
Test Mode	UNII-1_TX N(HT20) Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10356.1000	57.72	-9.69	48.03	68.20	-20.17	Peak	

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

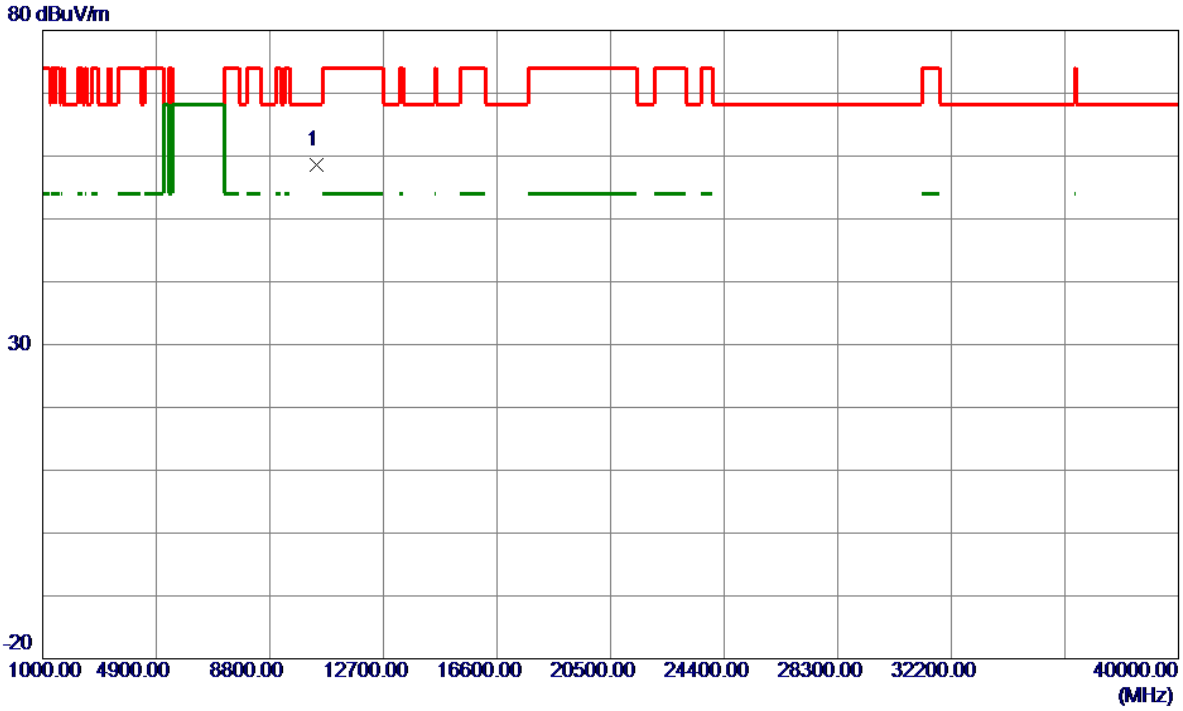
Test Mode	UNII-1_TX N(HT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.59	37.88	62.47	74.00	-11.53	Peak	
2	5150.0000	14.14	37.88	52.02	54.00	-1.98	AVG	
3 *	5199.3000	83.38	37.68	121.06	68.20	52.86	Peak	NO limit
4	5199.3000	76.61	37.68	114.29	68.20	46.09	AVG	NO limit

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

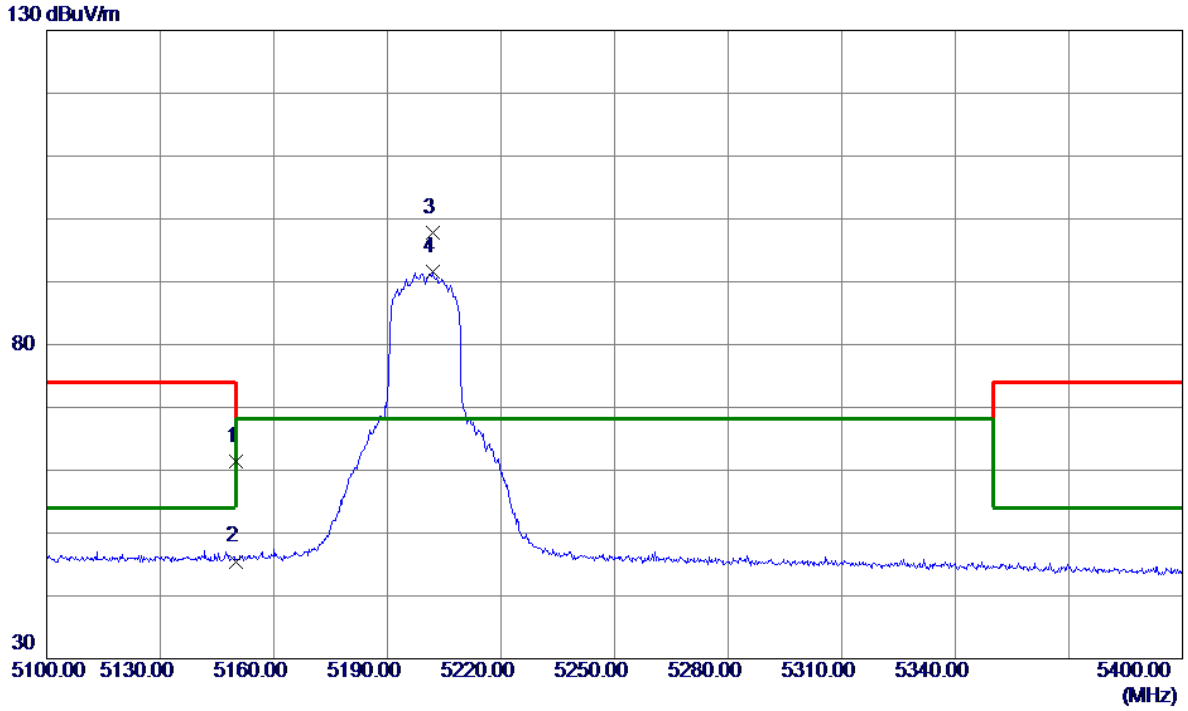
Test Mode	UNII-1_TX N(HT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10397.0500	68.17	-9.61	58.56	68.20	-9.64	Peak	

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

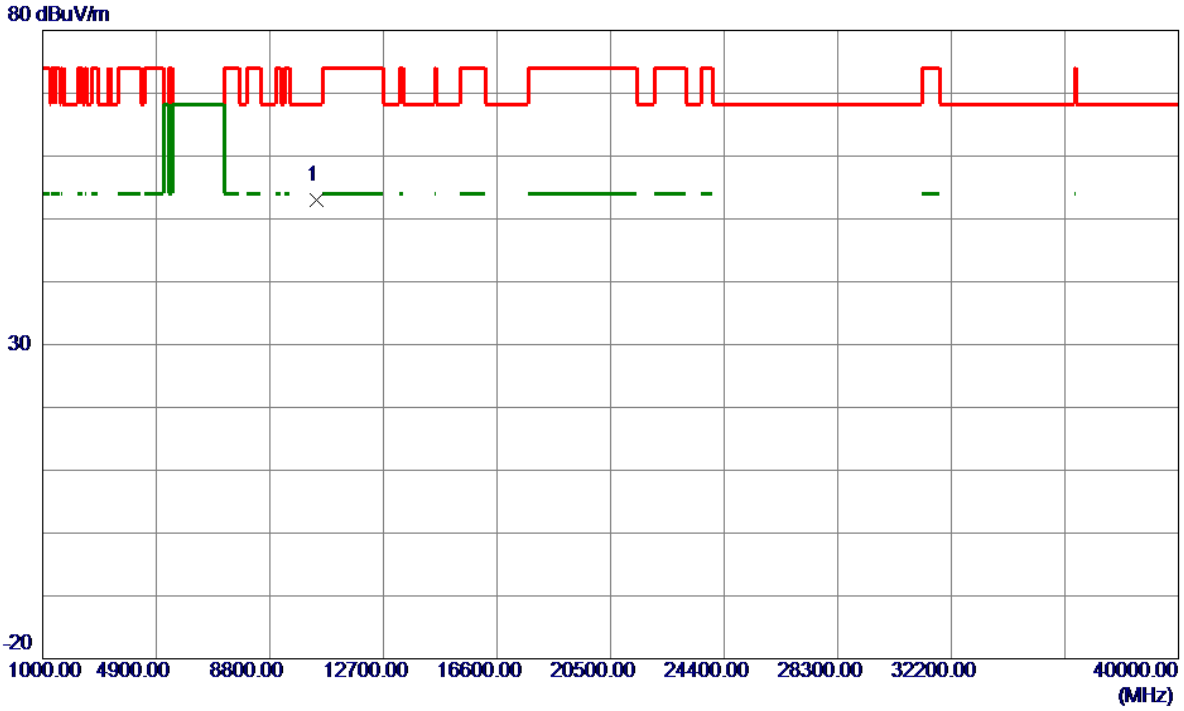
Test Mode	UNII-1_TX N(HT20) Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.52	37.88	61.40	74.00	-12.60	Peak	
2	5150.0000	7.62	37.88	45.50	54.00	-8.50	AVG	
3 *	5201.8500	60.20	37.68	97.88	68.20	29.68	Peak	NO limit
4	5201.8500	53.93	37.68	91.61	68.20	23.41	AVG	NO limit

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

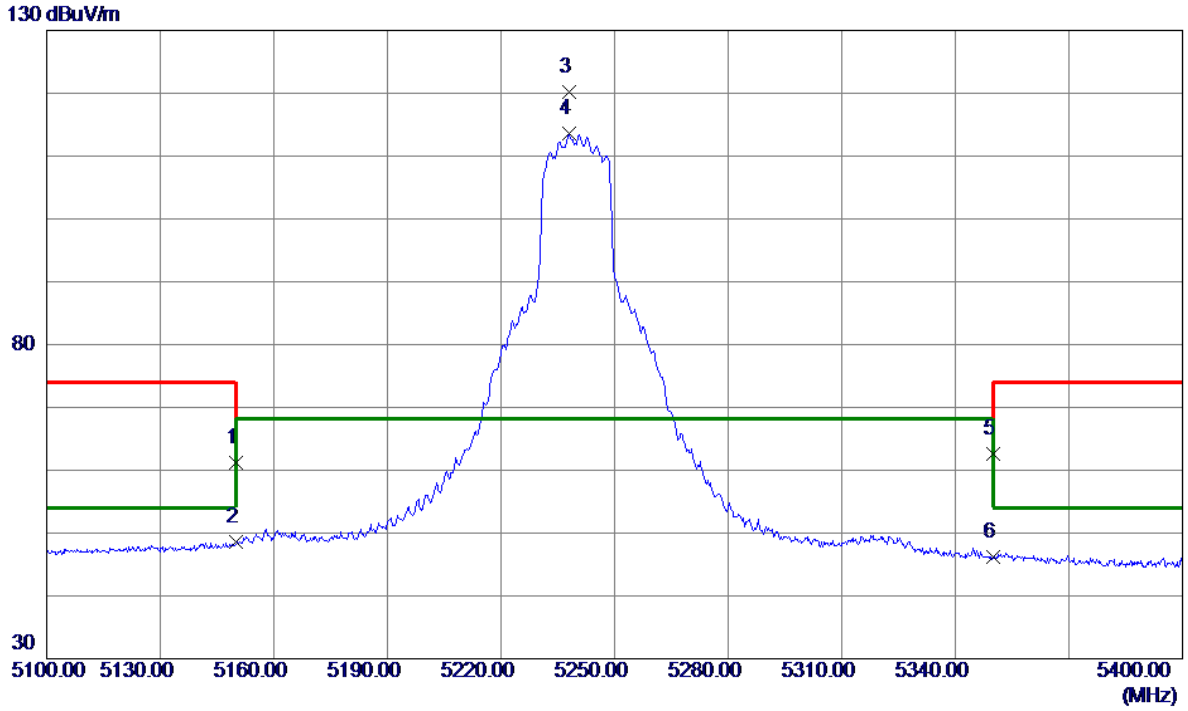
Test Mode	UNII-1_TX N(HT20) Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10391.2000	62.69	-9.62	53.07	68.20	-15.13	Peak	

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

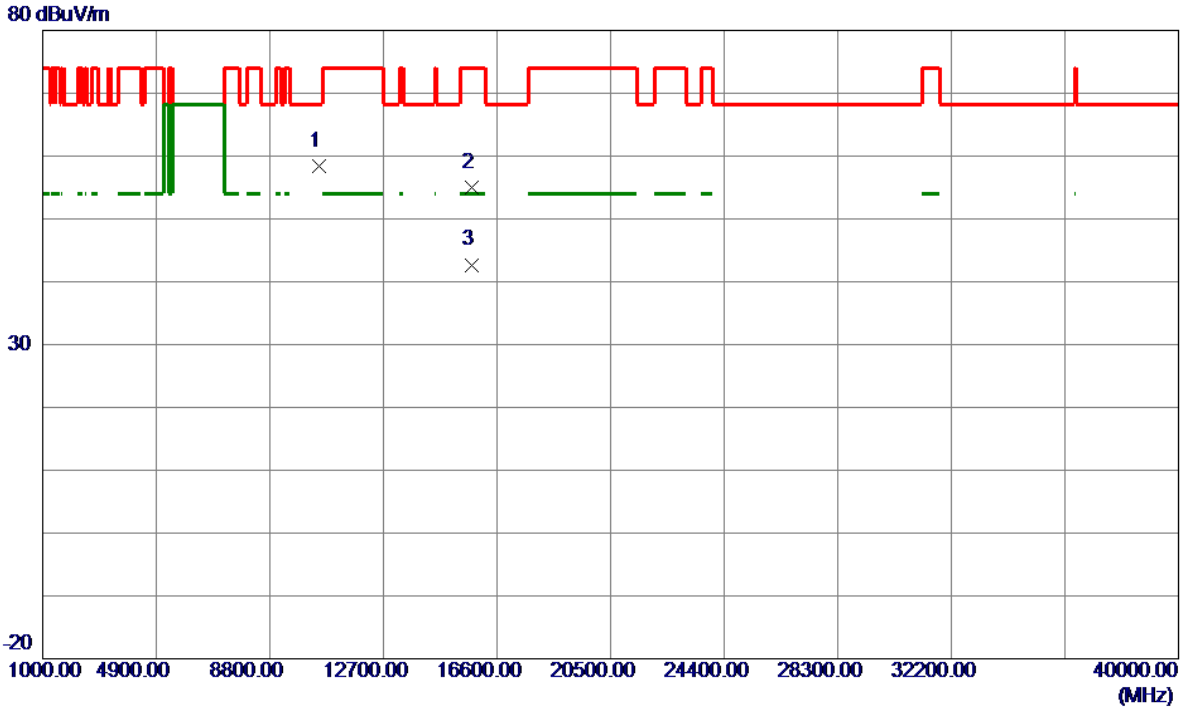
Test Mode	UNII-1_TX N(HT20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.25	37.88	61.13	74.00	-12.87	Peak	
2	5150.0000	10.75	37.88	48.63	54.00	-5.37	AVG	
3 *	5237.8500	82.51	37.63	120.14	68.20	51.94	Peak	NO limit
4	5237.8500	75.90	37.63	113.53	68.20	45.33	AVG	NO limit
5	5350.0000	24.89	37.74	62.63	74.00	-11.37	Peak	
6	5350.0000	8.43	37.74	46.17	54.00	-7.83	AVG	

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

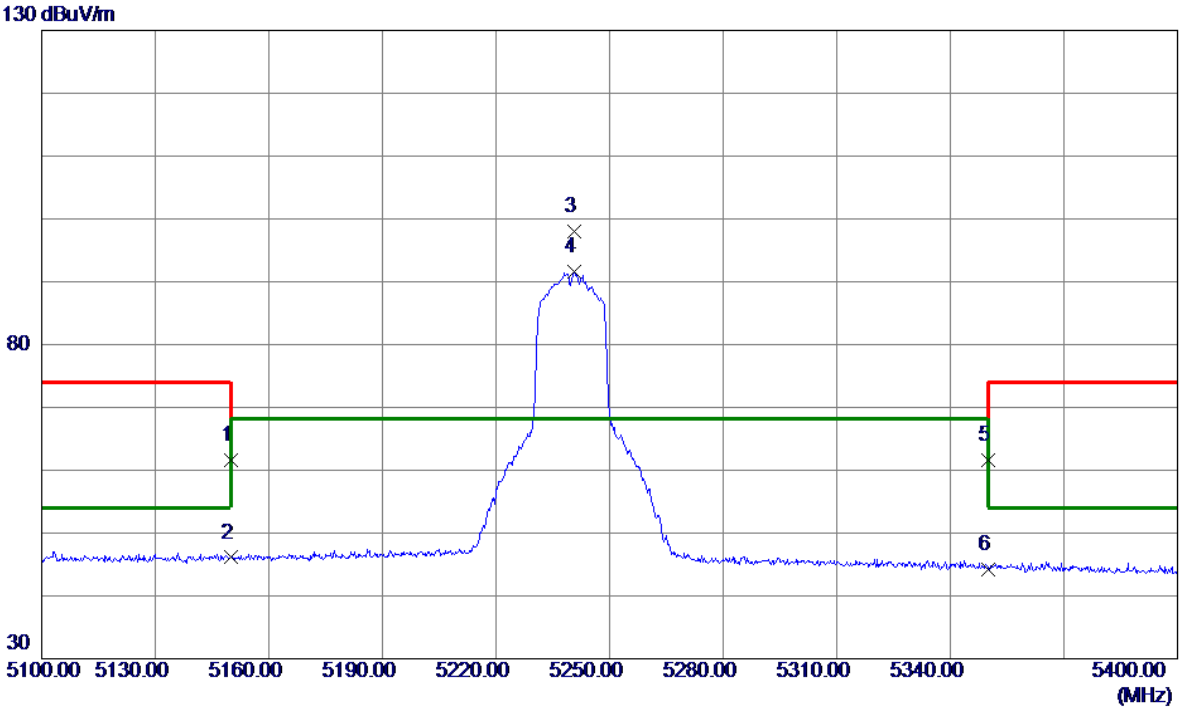
Test Mode	UNII-1_TX N(HT20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10486.7500	67.91	-9.50	58.41	68.20	-9.79	Peak	
2	15712.7500	61.90	-6.83	55.07	74.00	-18.93	Peak	
3	15712.7500	49.53	-6.83	42.70	54.00	-11.30	AVG	

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

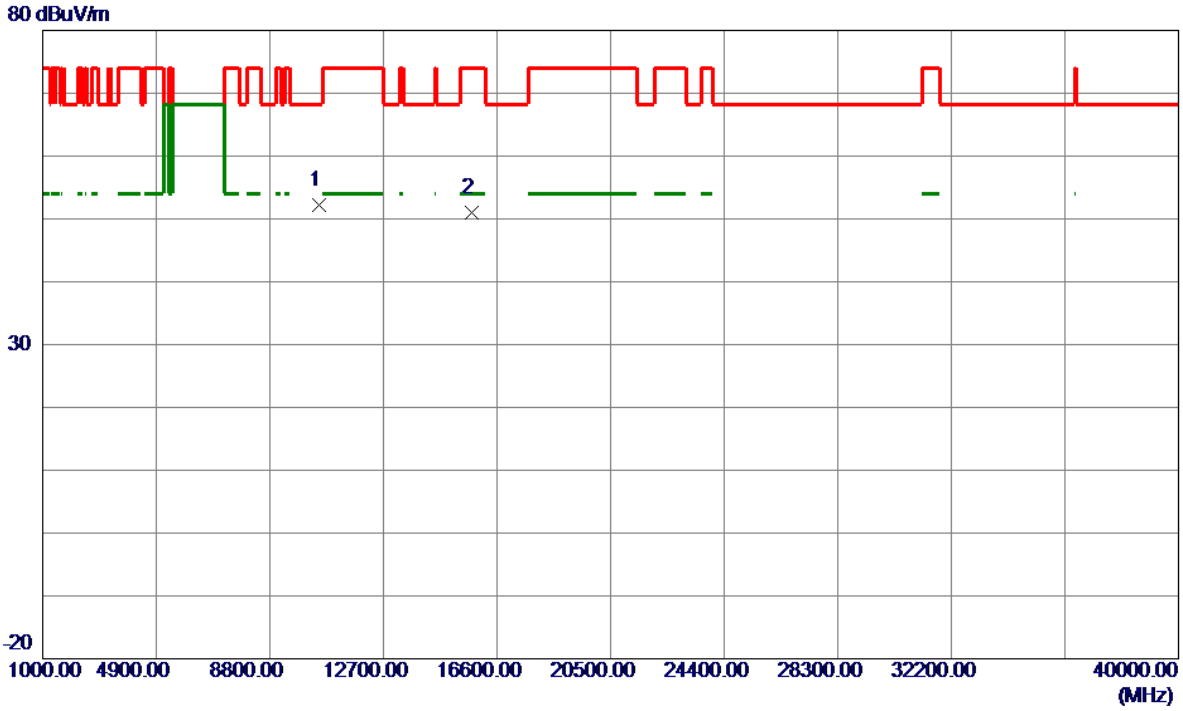
Test Mode	UNII-1_TX N(HT20) Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.80	37.88	61.68	74.00	-12.32	Peak	
2	5150.0000	8.22	37.88	46.10	54.00	-7.90	AVG	
3 *	5240.5500	60.30	37.62	97.92	68.20	29.72	Peak	NO limit
4	5240.5500	54.03	37.62	91.65	68.20	23.45	AVG	NO limit
5	5350.0000	23.79	37.74	61.53	74.00	-12.47	Peak	
6	5350.0000	6.54	37.74	44.28	54.00	-9.72	AVG	

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

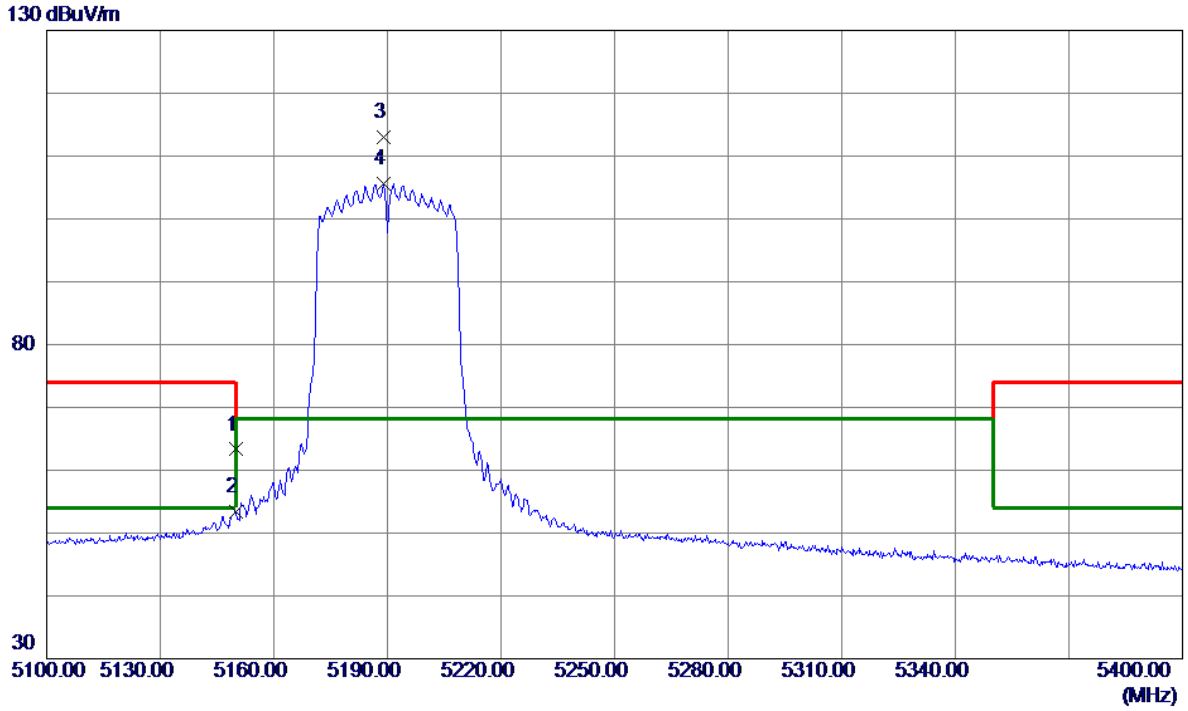
Test Mode	UNII-1_TX N(HT20) Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10478.9500	61.71	-9.51	52.20	68.20	-16.00	Peak	
2	15712.7500	57.81	-6.83	50.98	74.00	-23.02	Peak	

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

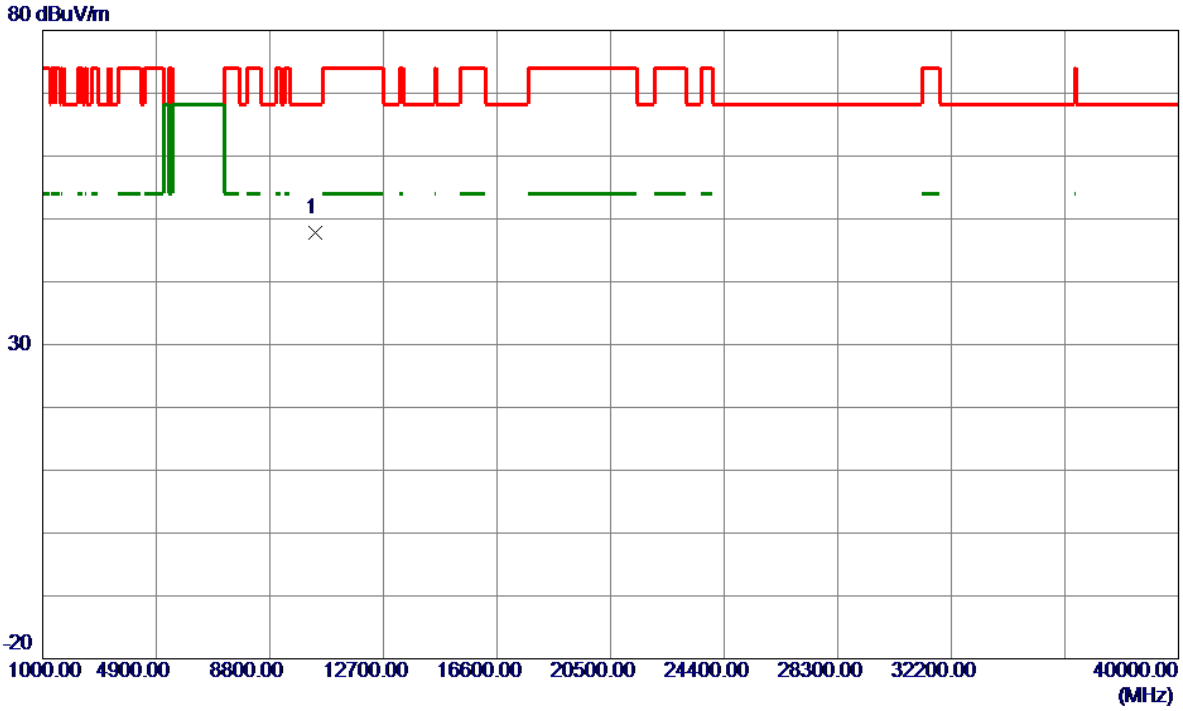
Test Mode	UNII-1_TX N(HT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.42	37.88	63.30	74.00	-10.70	Peak	
2	5150.0000	15.48	37.88	53.36	54.00	-0.64	AVG	
3 *	5189.1000	75.20	37.72	112.92	68.20	44.72	Peak	NO limit
4	5189.1000	67.90	37.72	105.62	68.20	37.42	AVG	NO limit

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

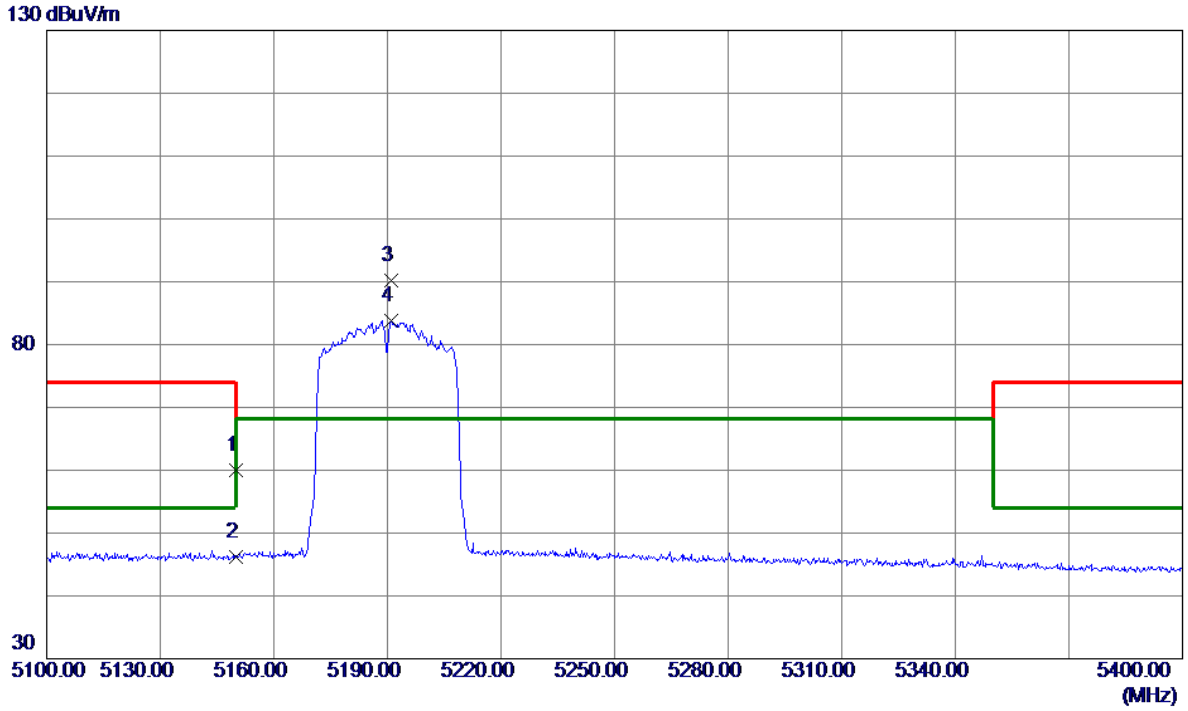
Test Mode	UNII-1_TX N(HT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10377.5500	57.38	-9.65	47.73	68.20	-20.47	Peak	

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

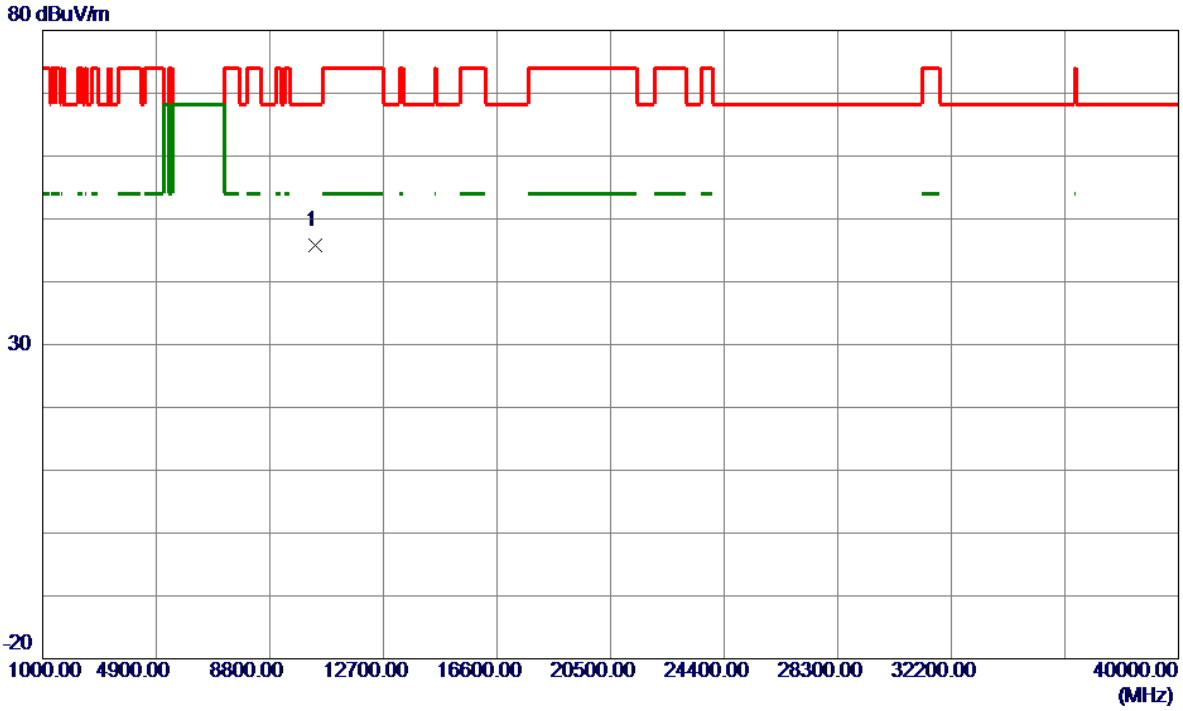
Test Mode	UNII-1_TX N(HT40) Mode 5190 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.14	37.88	60.02	74.00	-13.98	Peak	
2	5150.0000	8.23	37.88	46.11	54.00	-7.89	AVG	
3 *	5190.9000	52.41	37.72	90.13	68.20	21.93	Peak	NO limit
4	5190.9000	46.14	37.72	83.86	68.20	15.66	AVG	NO limit

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

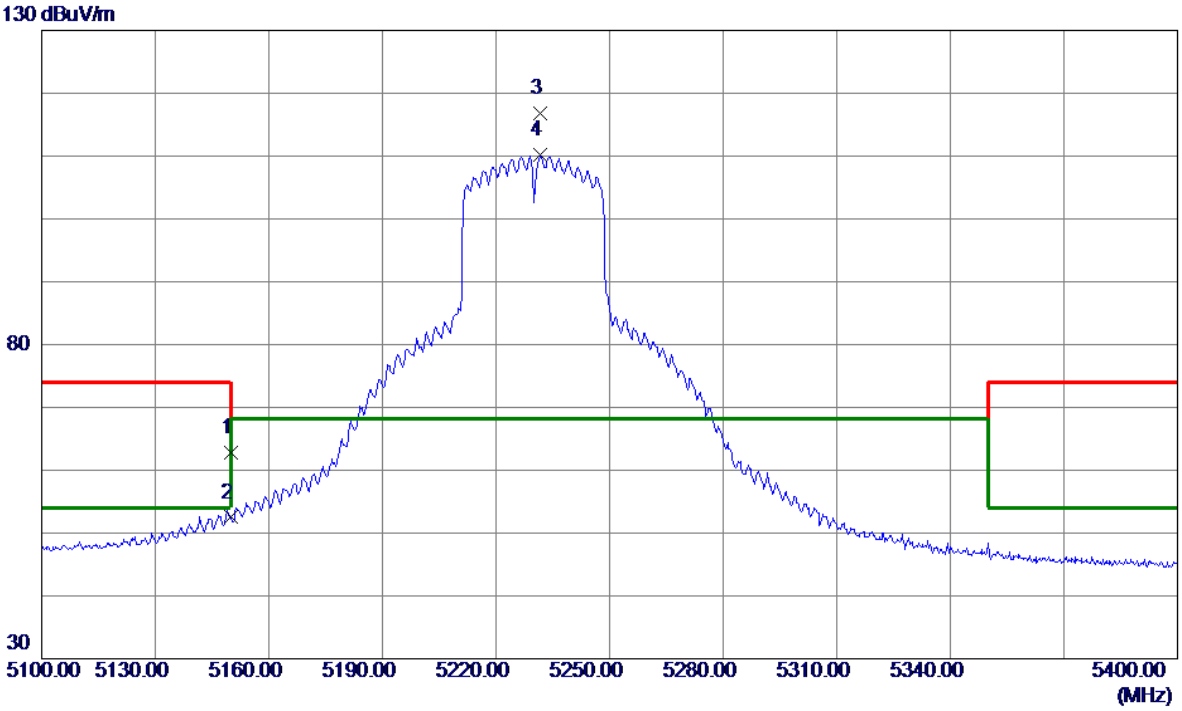
Test Mode	UNII-1_TX N(HT40) Mode 5190 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10379.5000	55.42	-9.64	45.78	68.20	-22.42	Peak	

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

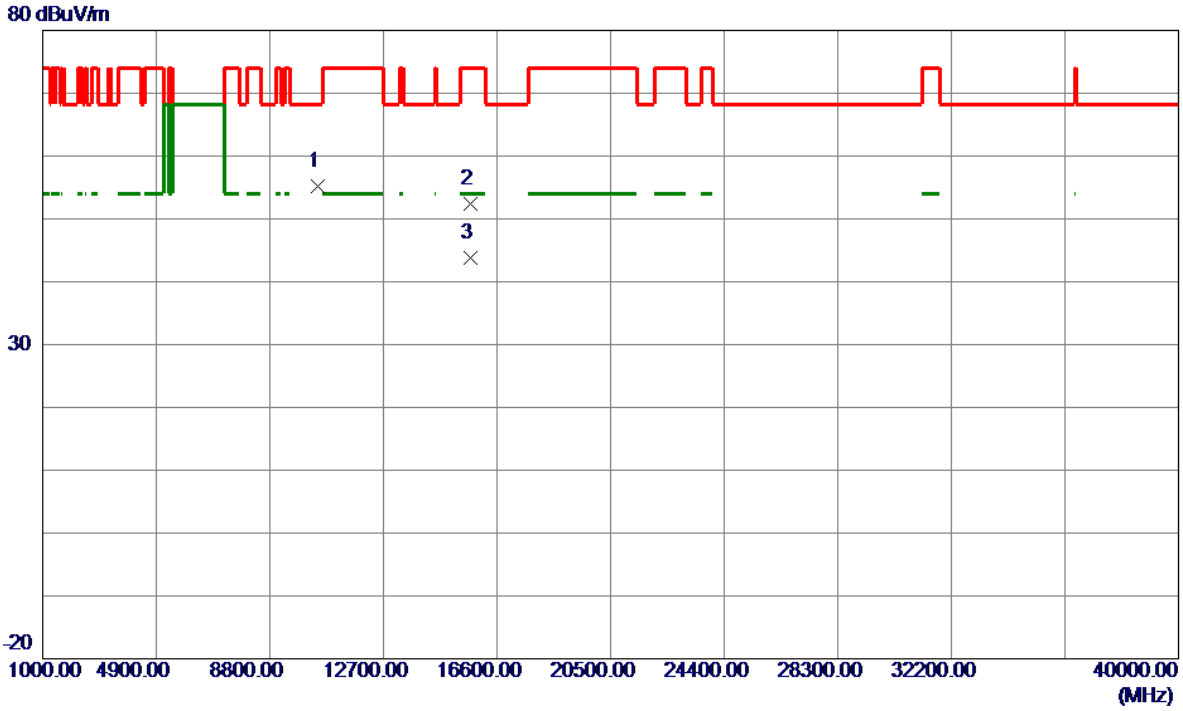
Test Mode	UNII-1_TX N(HT40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.84	37.88	62.72	74.00	-11.28	Peak	
2	5150.0000	14.62	37.88	52.50	54.00	-1.50	AVG	
3 *	5231.7000	79.14	37.63	116.77	68.20	48.57	Peak	NO limit
4	5231.7000	72.50	37.63	110.13	68.20	41.93	AVG	NO limit

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

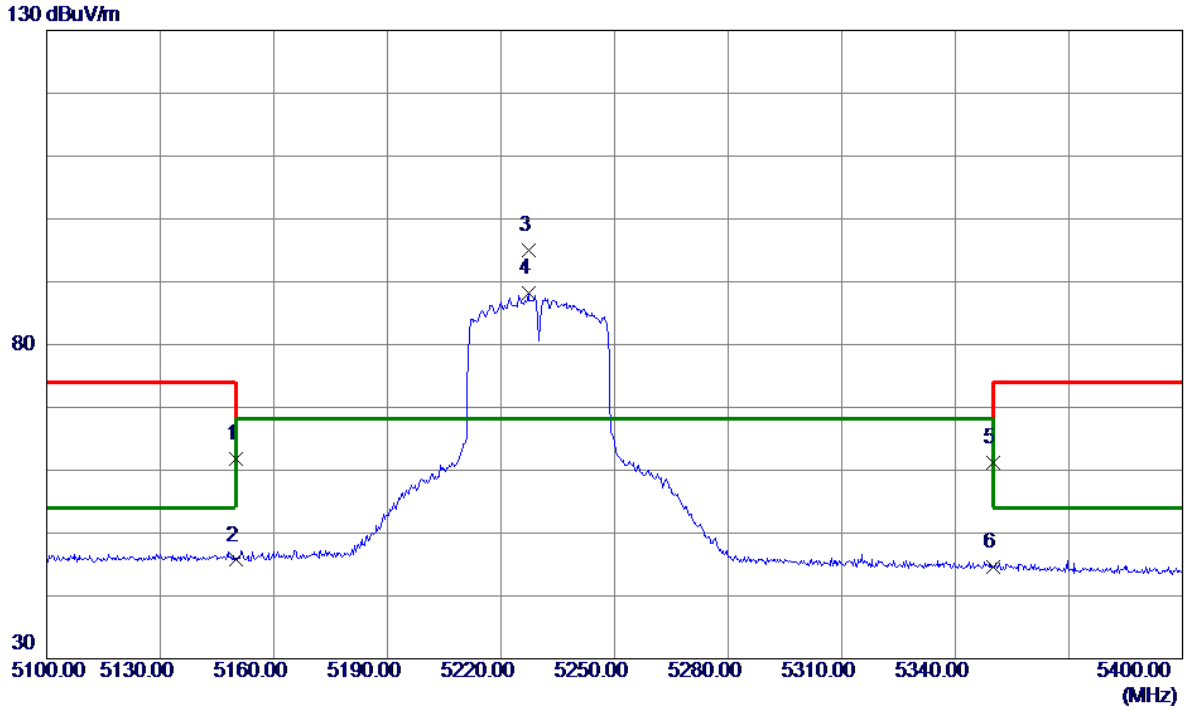
Test Mode	UNII-1_TX N(HT40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10465.3000	64.68	-9.52	55.16	68.20	-13.04	Peak	
2	15687.4000	59.19	-6.80	52.39	74.00	-21.61	Peak	
3 *	15687.4000	50.64	-6.80	43.84	54.00	-10.16	AVG	

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

Test Mode	UNII-1_TX N(HT40) Mode 5230 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	5150.0000	23.87	37.88	61.75	74.00	-12.25	Peak	
2	5150.0000	7.82	37.88	45.70	54.00	-8.30	AVG	
3 *	5227.3500	57.40	37.64	95.04	68.20	26.84	Peak	NO limit
4	5227.3500	50.53	37.64	88.17	68.20	19.97	AVG	NO limit
5	5350.0000	23.47	37.74	61.21	74.00	-12.79	Peak	
6	5350.0000	6.88	37.74	44.62	54.00	-9.38	AVG	

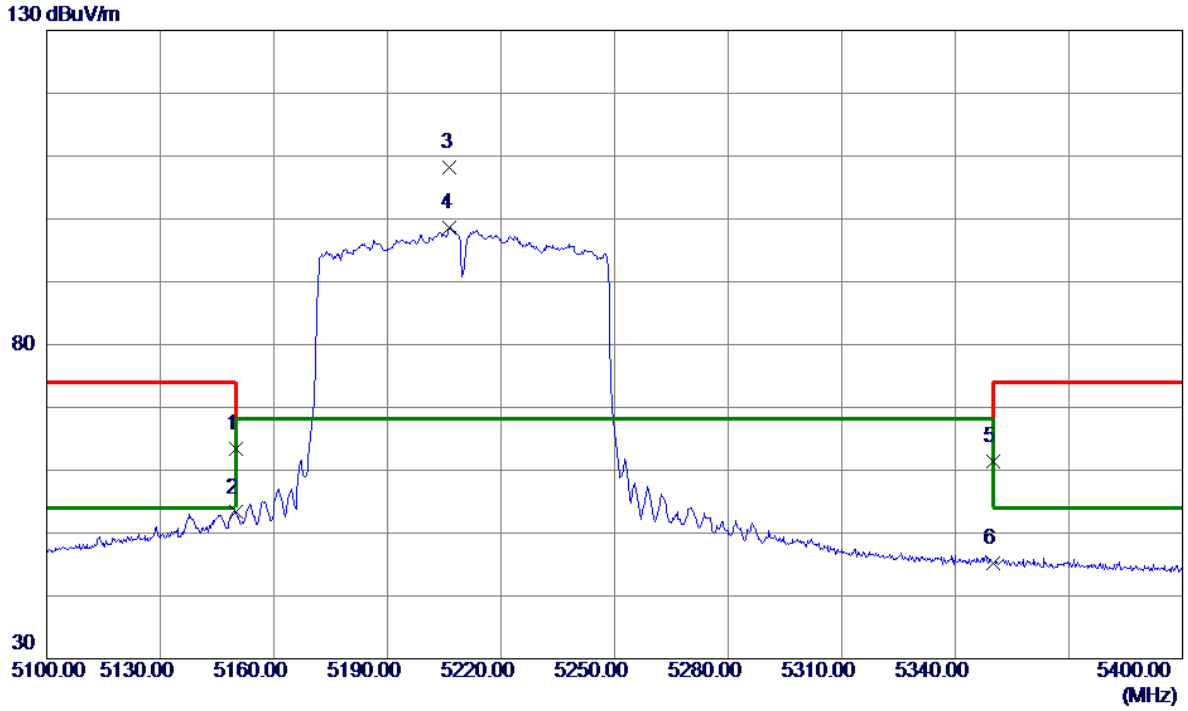
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	UNII-1_TX N(HT40) Mode 5230 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 *	10457.5000	59.80	-9.53	50.27	68.20	-17.93	Peak	

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

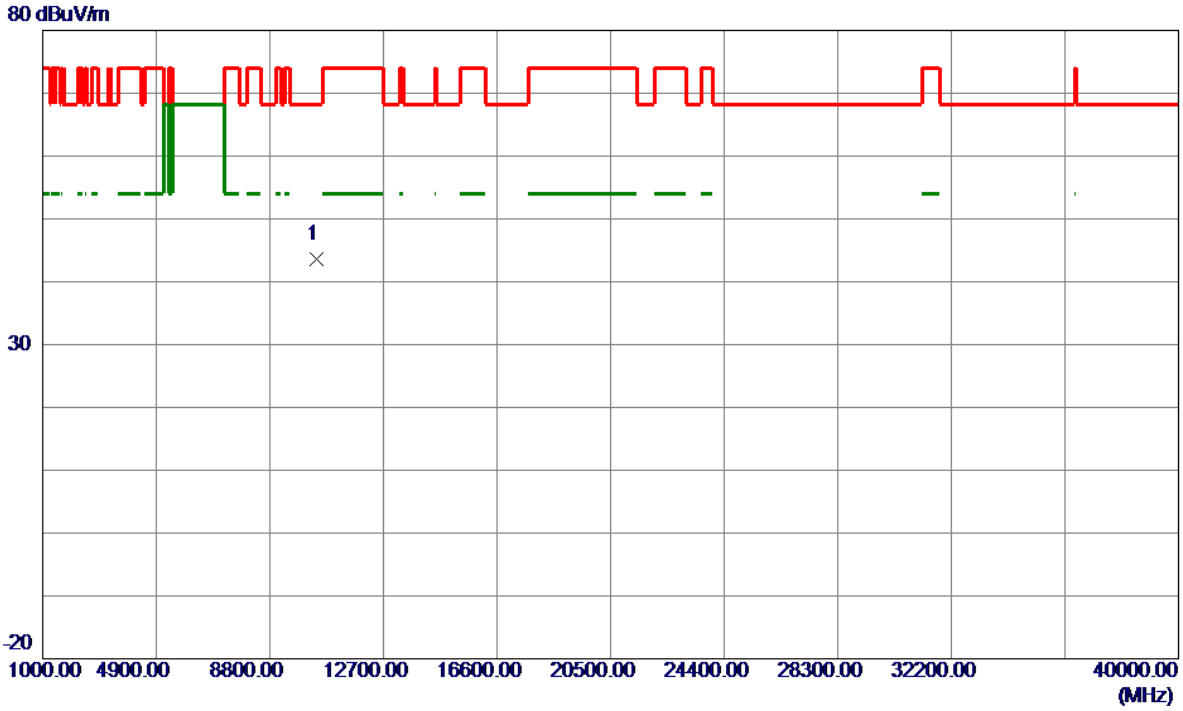
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.45	37.88	63.33	74.00	-10.67	Peak	
2	5150.0000	15.42	37.88	53.30	54.00	-0.70	AVG	
3 *	5206.5000	70.52	37.67	108.19	68.20	39.99	Peak	NO limit
4	5206.5000	61.02	37.67	98.69	68.20	30.49	AVG	NO limit
5	5350.0000	23.71	37.74	61.45	74.00	-12.55	Peak	
6	5350.0000	7.46	37.74	45.20	54.00	-8.80	AVG	

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

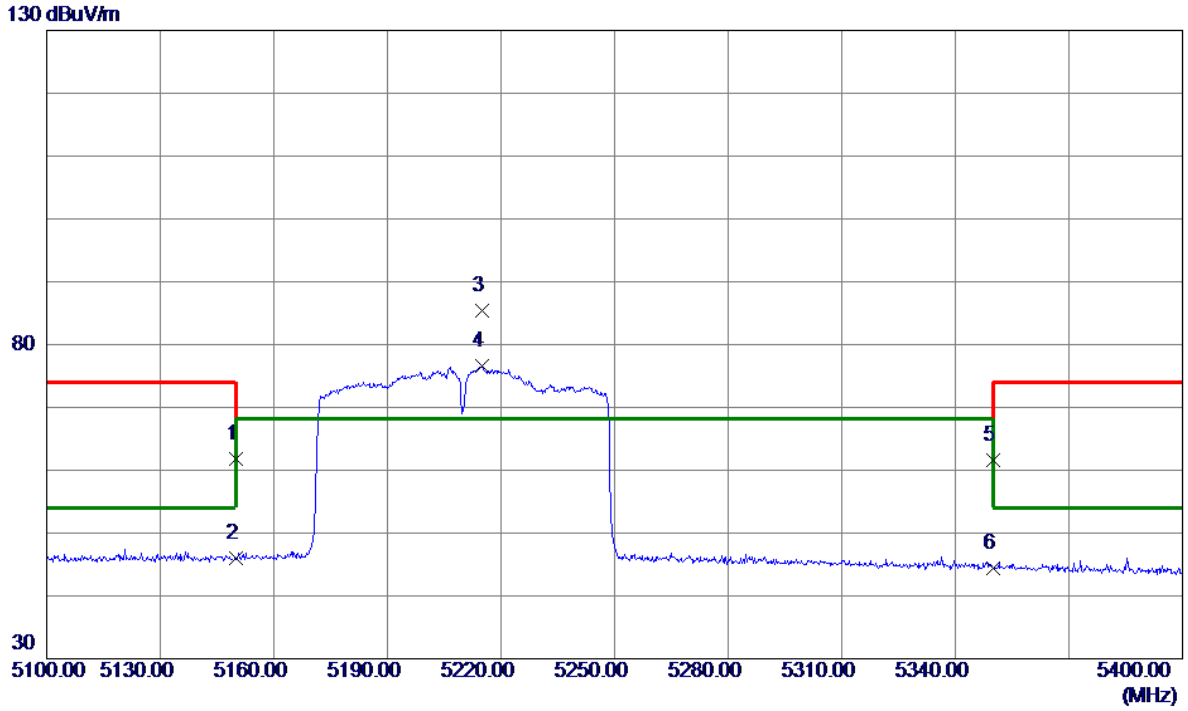
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.0000	53.20	-9.58	43.62	68.20	-24.58	Peak	

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

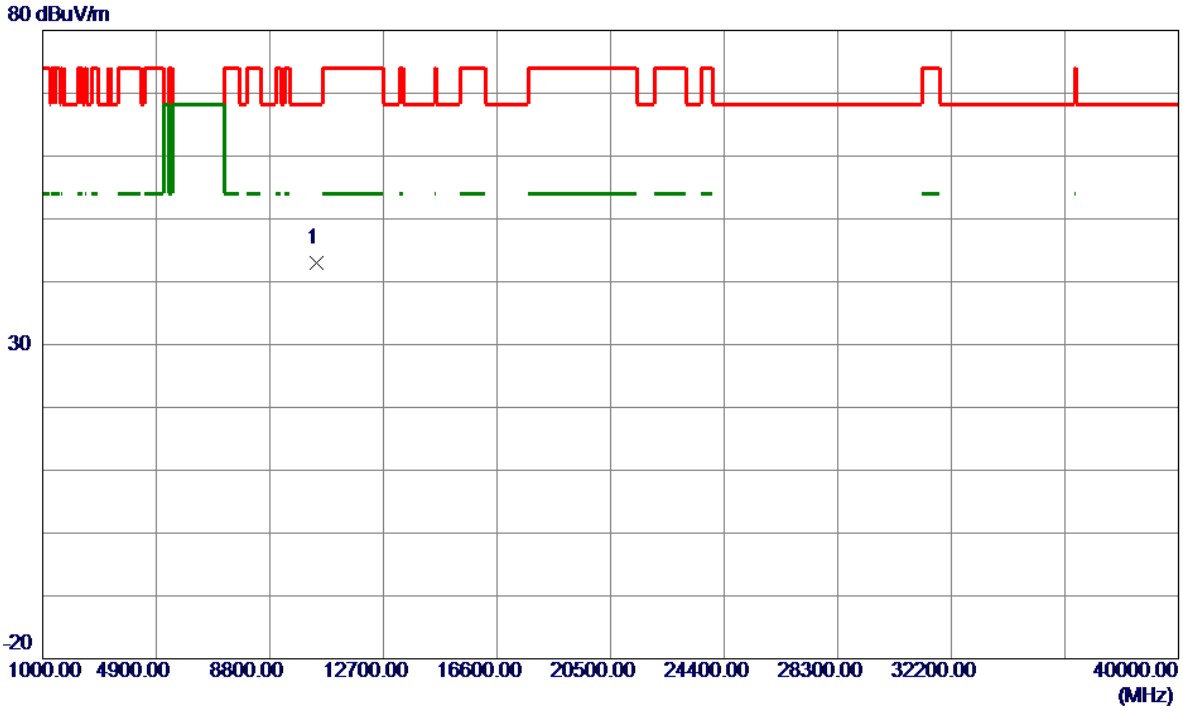
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.83	37.88	61.71	74.00	-12.29	Peak	
2	5150.0000	8.07	37.88	45.95	54.00	-8.05	AVG	
3 *	5214.9000	47.80	37.66	85.46	68.20	17.26	Peak	NO limit
4	5214.9000	38.92	37.66	76.58	68.20	8.38	AVG	NO limit
5	5350.0000	23.85	37.74	61.59	74.00	-12.41	Peak	
6	5350.0000	6.70	37.74	44.44	54.00	-9.56	AVG	

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

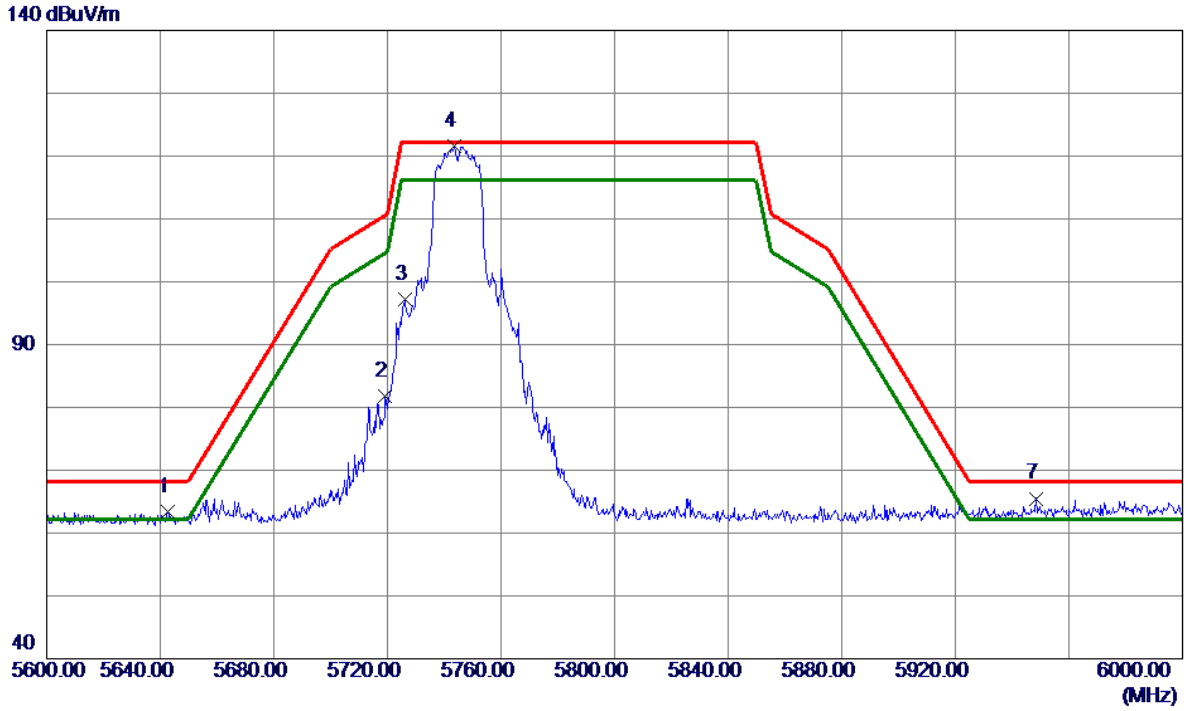
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.0000	52.67	-9.58	43.09	68.20	-25.11	Peak	

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

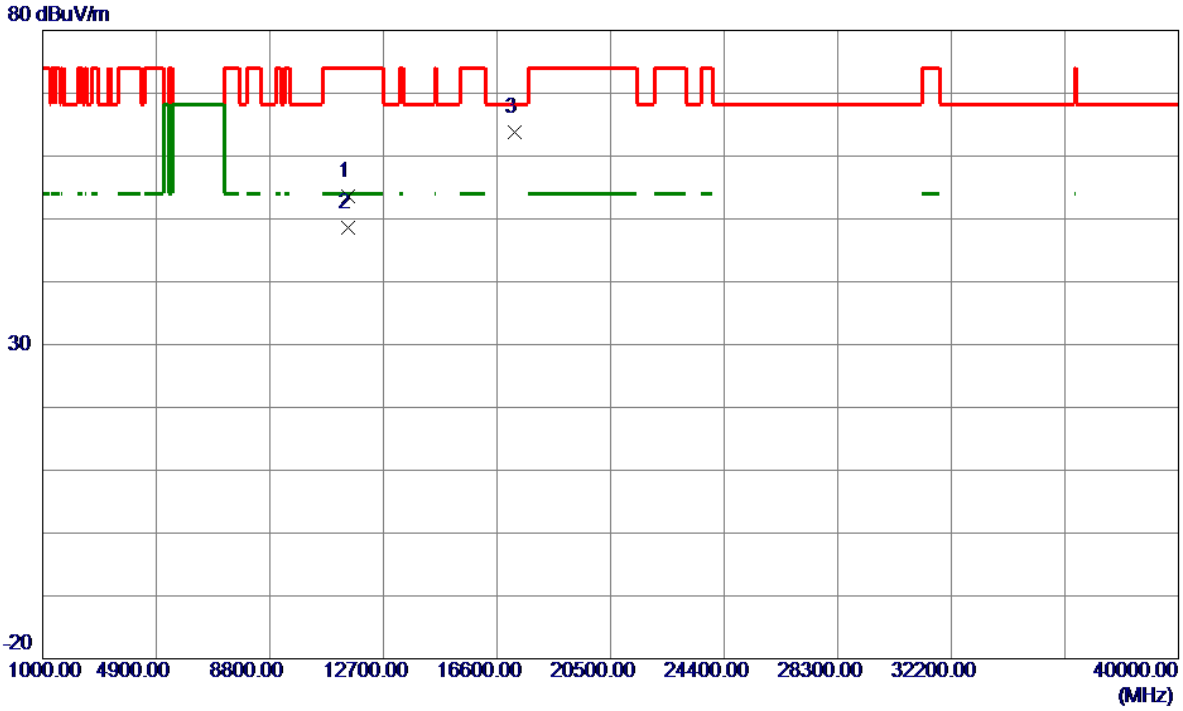
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5642.8000	24.94	38.37	63.31	68.20	-4.89	Peak	
2	5719.2000	43.40	38.48	81.88	110.58	-28.70	Peak	
3	5726.2000	58.79	38.50	97.29	122.20	-24.91	Peak	
4 *	5743.4000	82.94	38.57	121.51	122.20	-0.69	Peak	
5	5791.2000	-1037.75	38.75	-999.00	122.20	-1121.20	QP	
6	5791.2000	-1037.75	38.75	-999.00	122.20	-1121.20	QP	
7	5948.4000	26.35	39.15	65.50	68.20	-2.70	Peak	

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

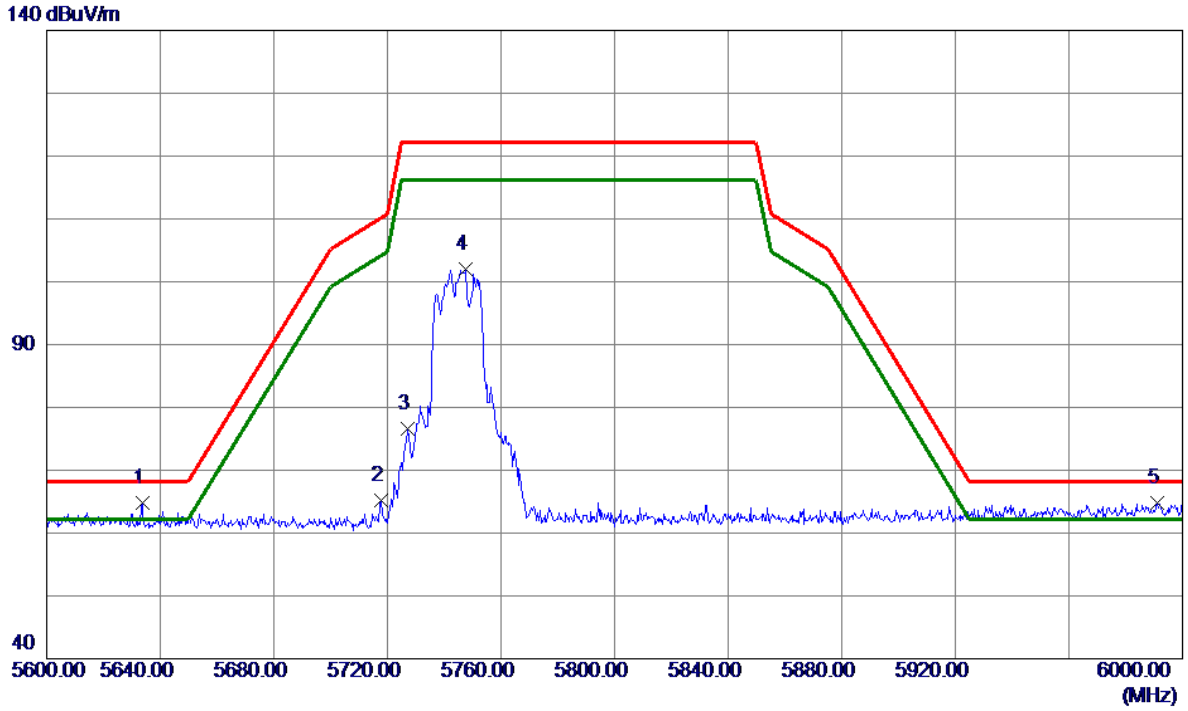
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.0500	61.93	-8.36	53.57	74.00	-20.43	Peak	
2	11489.0500	56.93	-8.36	48.57	54.00	-5.43	AVG	
3 *	17227.9000	67.42	-3.62	63.80	68.20	-4.40	Peak	

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

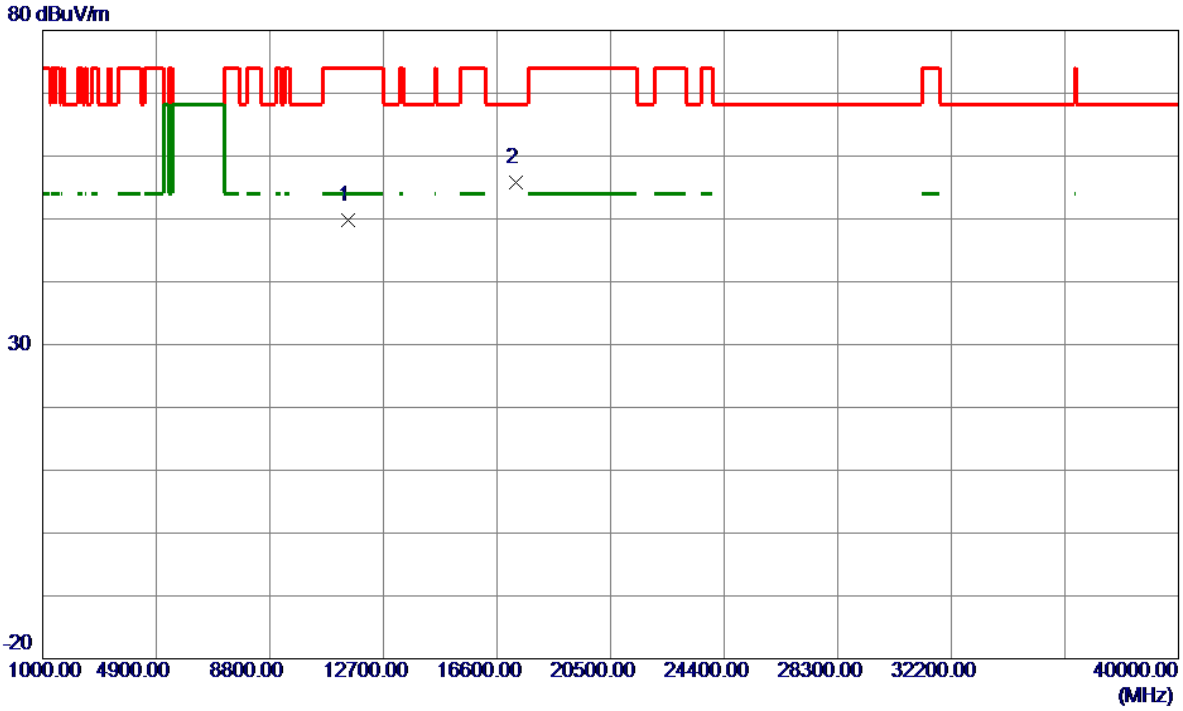
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5633.6000	26.43	38.36	64.79	68.20	-3.41	Peak	
2	5717.6000	26.64	38.47	65.11	110.13	-45.02	Peak	
3	5727.2000	38.15	38.51	76.66	122.20	-45.54	Peak	
4	5747.6000	63.42	38.58	102.00	122.20	-20.20	Peak	
5	5991.0000	25.49	39.23	64.72	68.20	-3.48	Peak	

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

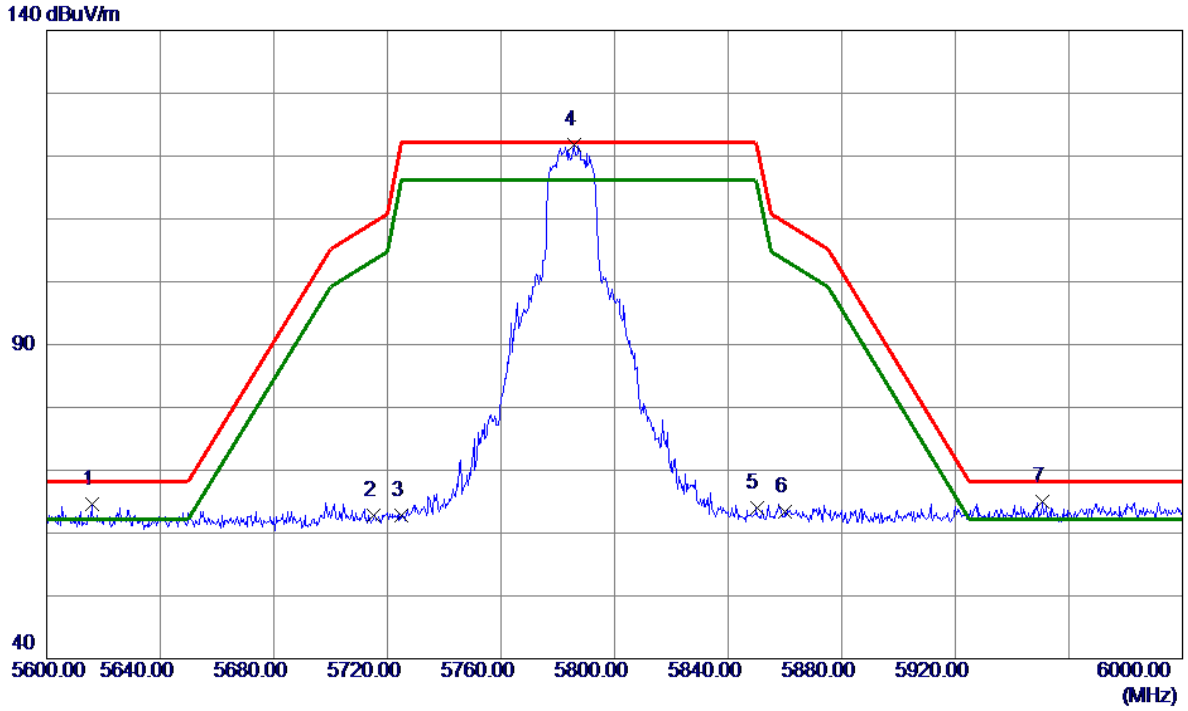
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11492.9500	58.22	-8.35	49.87	74.00	-24.13	Peak	
2 *	17237.6500	59.38	-3.56	55.82	68.20	-12.38	Peak	

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

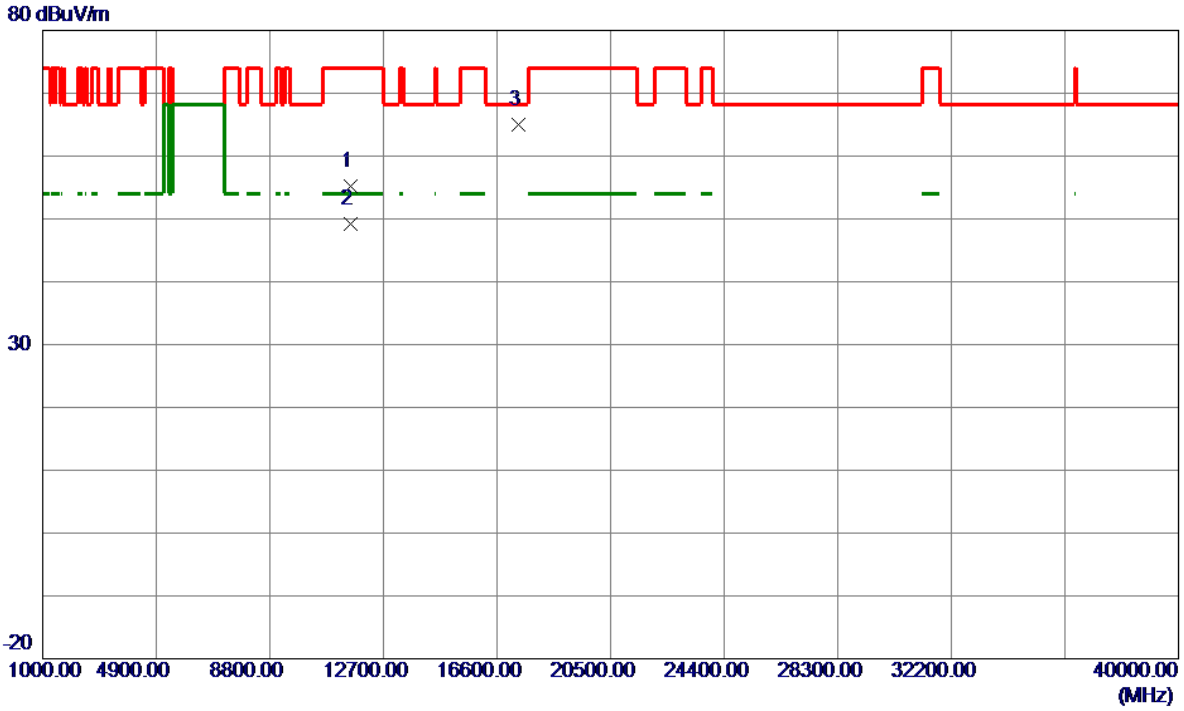
Test Mode	UNII-3_TX A Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5615.8000	26.32	38.35	64.67	68.20	-3.53	Peak	
2	5715.0000	24.43	38.46	62.89	109.40	-46.51	Peak	
3	5725.0000	24.29	38.50	62.79	122.20	-59.41	Peak	
4 *	5785.6000	83.15	38.73	121.88	122.20	-0.32	Peak	
5	5850.0000	25.04	38.91	63.95	122.20	-58.25	Peak	
6	5860.0000	24.41	38.94	63.35	109.40	-46.05	Peak	
7	5950.6000	25.78	39.15	64.93	68.20	-3.27	Peak	

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

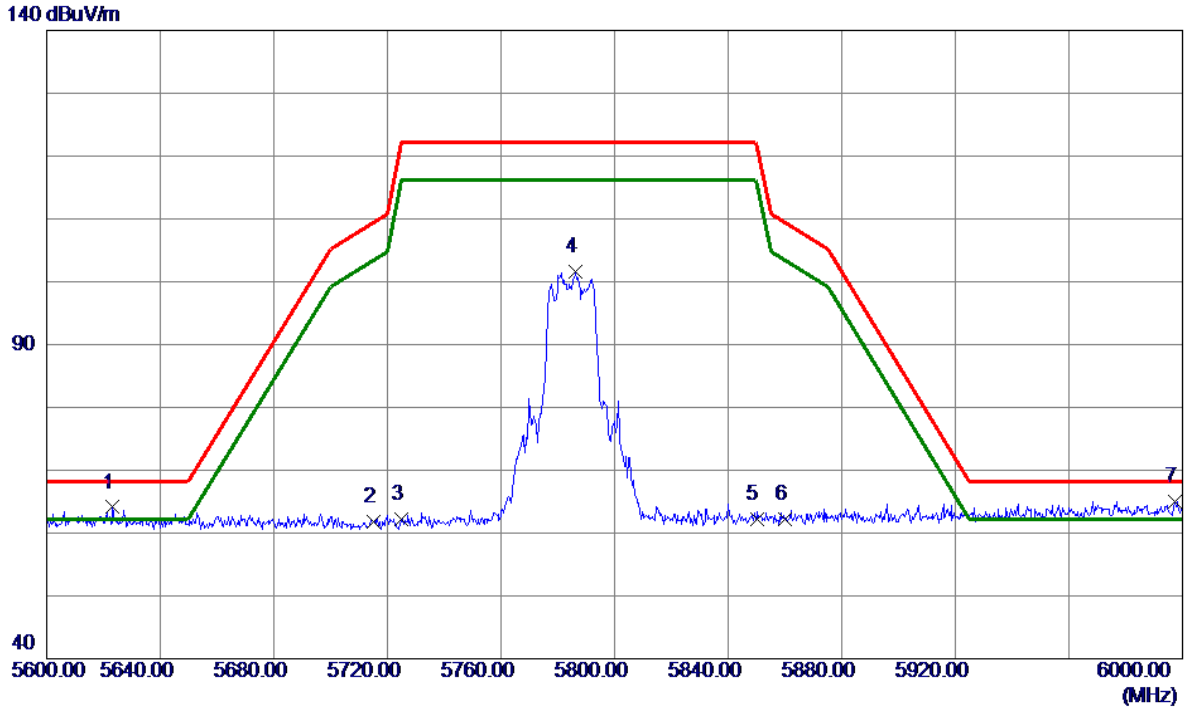
Test Mode	UNII-3_TX A Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.0000	63.31	-8.19	55.12	74.00	-18.88	Peak	
2	11569.0300	57.34	-8.19	49.15	54.00	-4.85	AVG	
3 *	17354.6500	67.73	-2.79	64.94	68.20	-3.26	Peak	

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

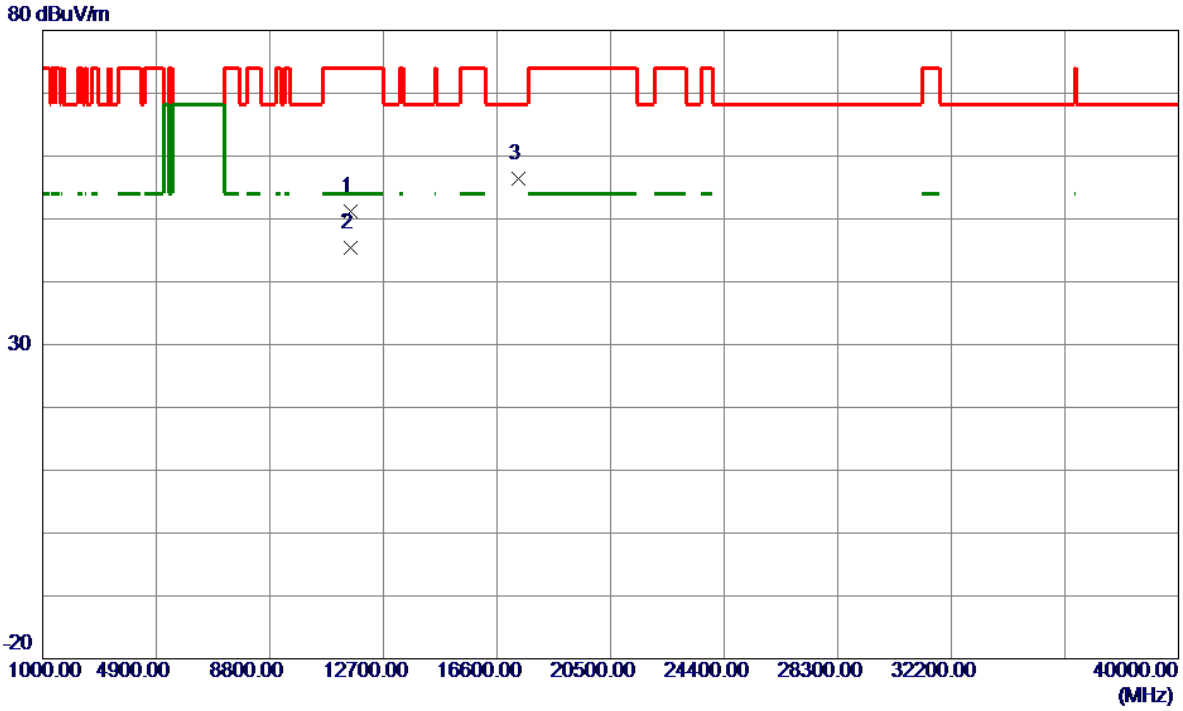
Test Mode	UNII-3_TX A Mode 5785 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5623.2000	25.75	38.35	64.10	68.20	-4.10	Peak	
2	5715.0000	23.28	38.46	61.74	109.40	-47.66	Peak	
3	5725.0000	23.67	38.50	62.17	122.20	-60.03	Peak	
4	5786.4000	62.81	38.73	101.54	122.20	-20.66	Peak	
5	5850.0000	23.20	38.91	62.11	122.20	-60.09	Peak	
6	5860.0000	23.18	38.94	62.12	109.40	-47.28	Peak	
7 *	5997.4000	25.84	39.24	65.08	68.20	-3.12	Peak	

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

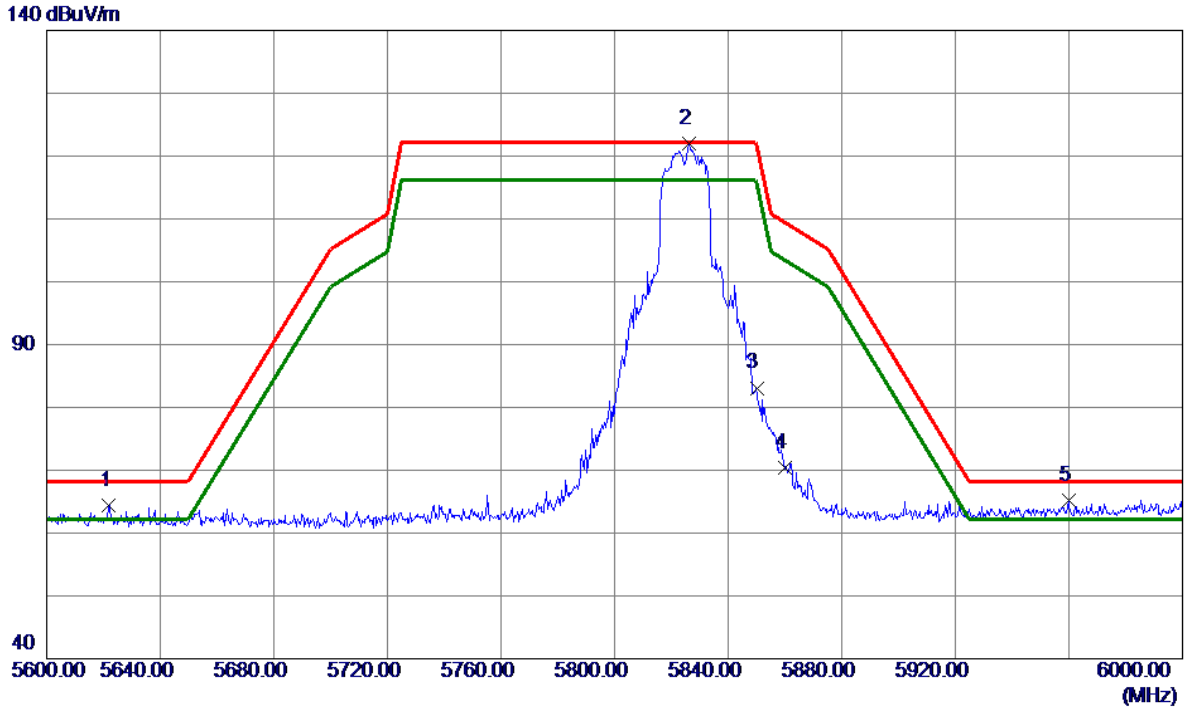
Test Mode	UNII-3_TX A Mode 5785 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.0000	59.43	-8.19	51.24	74.00	-22.76	Peak	
2 *	11569.2500	53.53	-8.19	45.34	54.00	-8.66	AVG	
3	17354.6500	59.13	-2.79	56.34	68.20	-11.86	Peak	

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

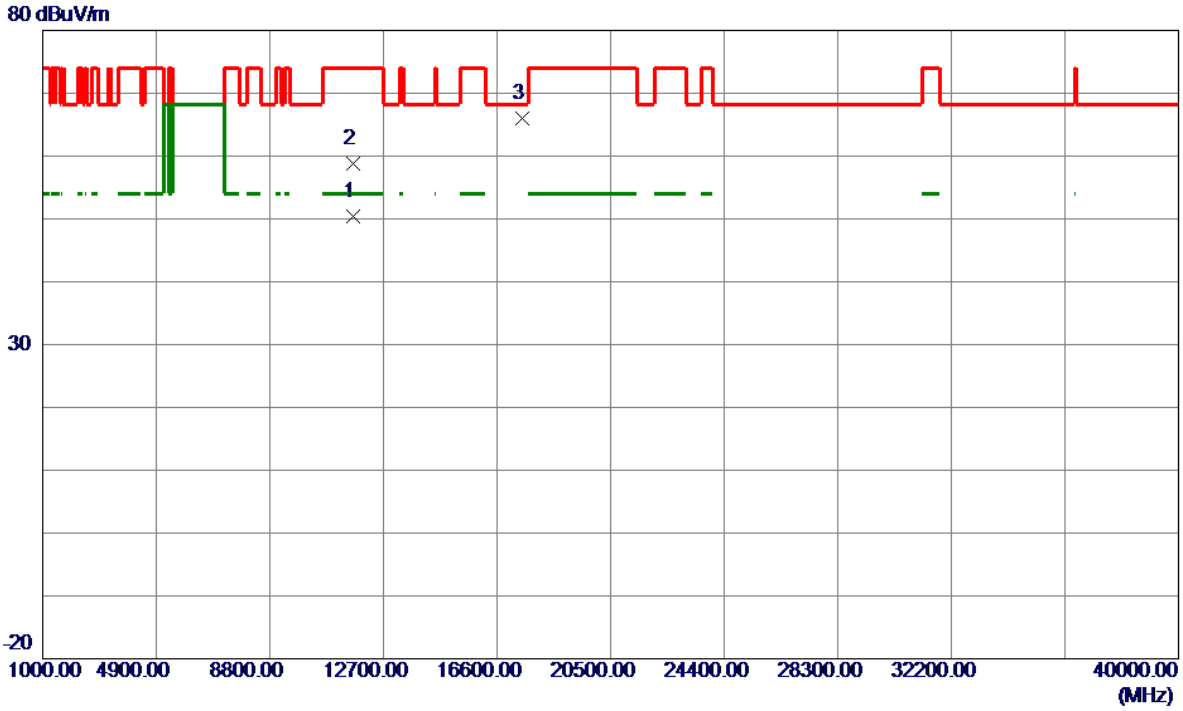
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5622.0000	26.10	38.35	64.45	68.20	-3.75	Peak	
2 *	5826.2000	83.08	38.85	121.93	122.20	-0.27	Peak	
3	5850.0000	44.19	38.91	83.10	122.20	-39.10	Peak	
4	5860.0000	31.51	38.94	70.45	109.40	-38.95	Peak	
5	5959.8000	26.00	39.17	65.17	68.20	-3.03	Peak	

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

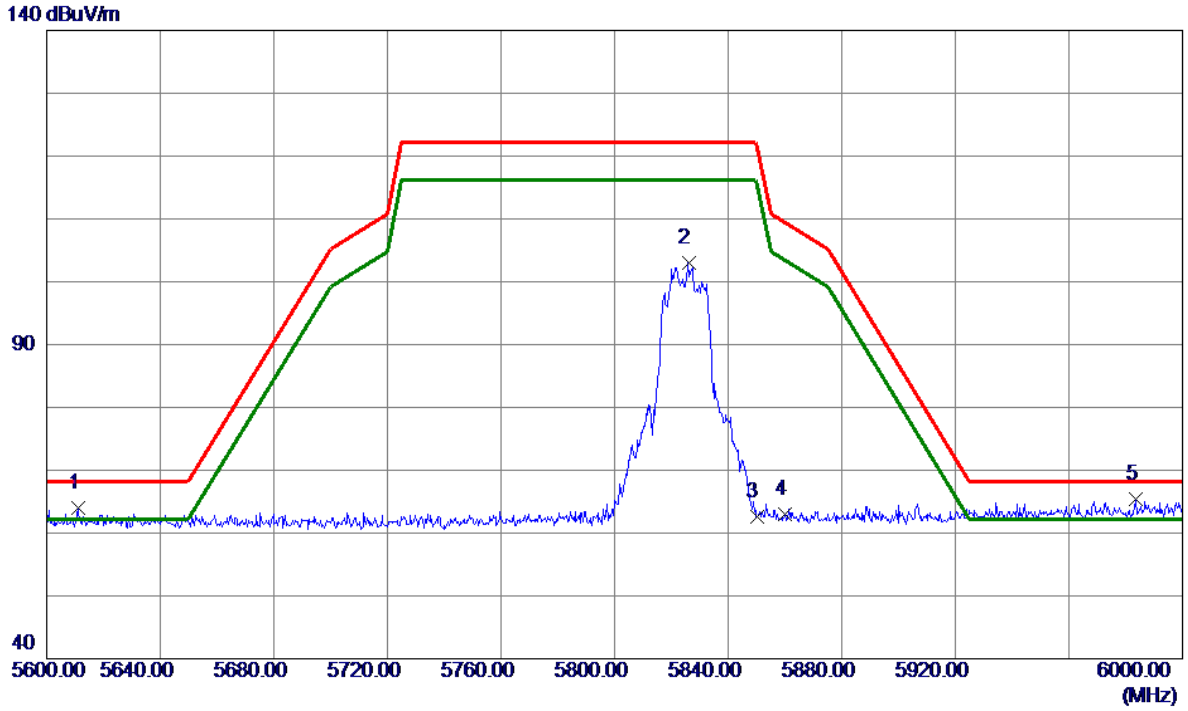
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.3360	58.72	-8.25	50.47	54.00	-3.53	AVG	
2	11648.9500	66.97	-8.25	58.72	74.00	-15.28	Peak	
3 *	17471.6500	68.22	-2.13	66.09	68.20	-2.11	Peak	

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

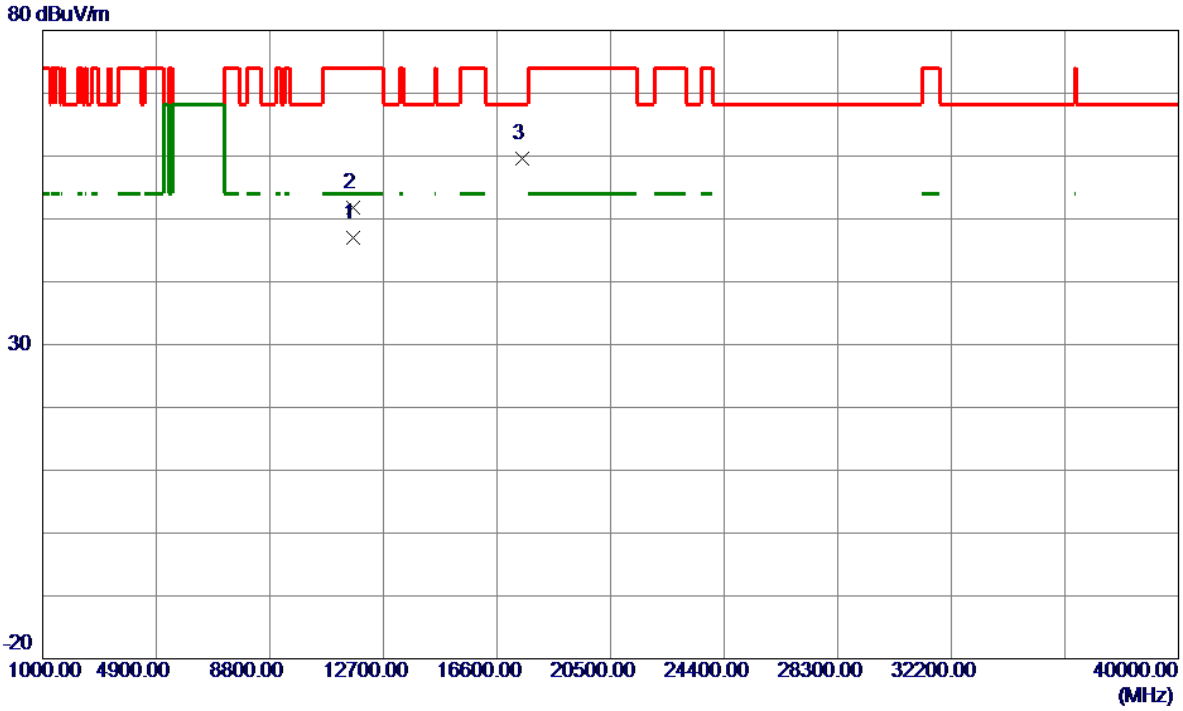
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5611.0000	25.58	38.35	63.93	68.20	-4.27	Peak	
2	5826.0000	64.18	38.85	103.03	122.20	-19.17	Peak	
3	5850.0000	23.76	38.91	62.67	122.20	-59.53	Peak	
4	5860.0000	23.98	38.94	62.92	109.40	-46.48	Peak	
5 *	5983.6000	26.11	39.22	65.33	68.20	-2.87	Peak	

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

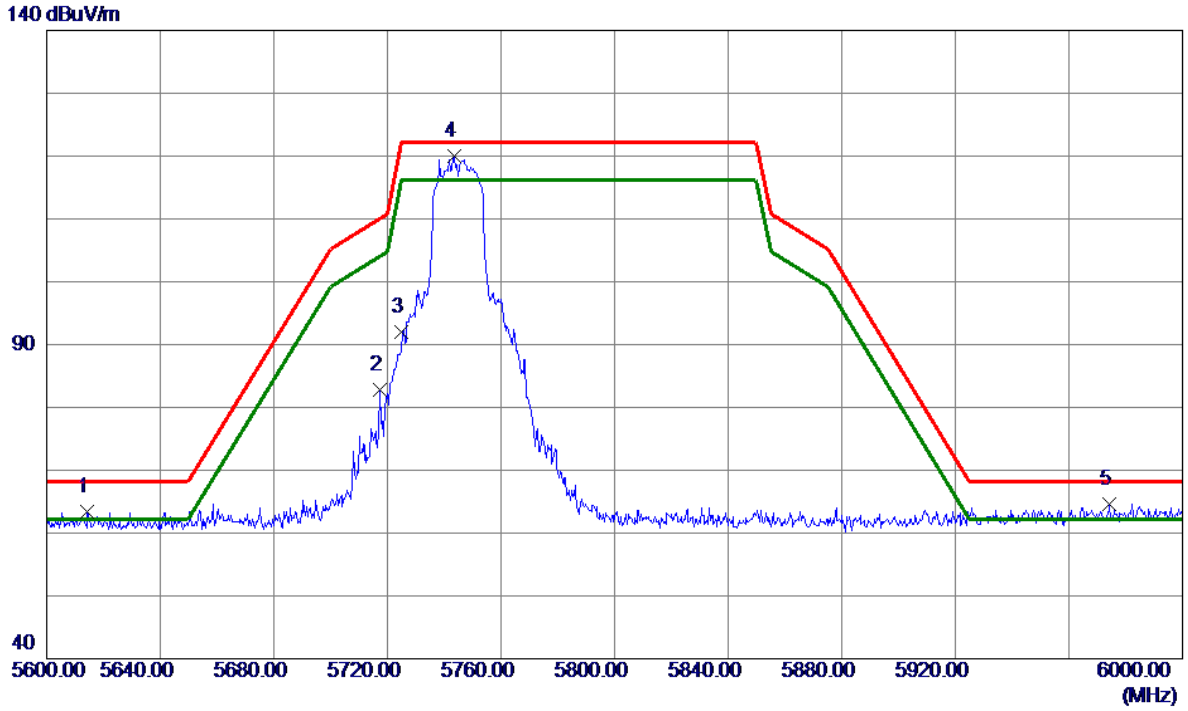
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11648.9160	55.25	-8.25	47.00	54.00	-7.00	AVG	
2	11654.8000	60.08	-8.26	51.82	74.00	-22.18	Peak	
3	17477.5000	61.73	-2.10	59.63	68.20	-8.57	Peak	

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

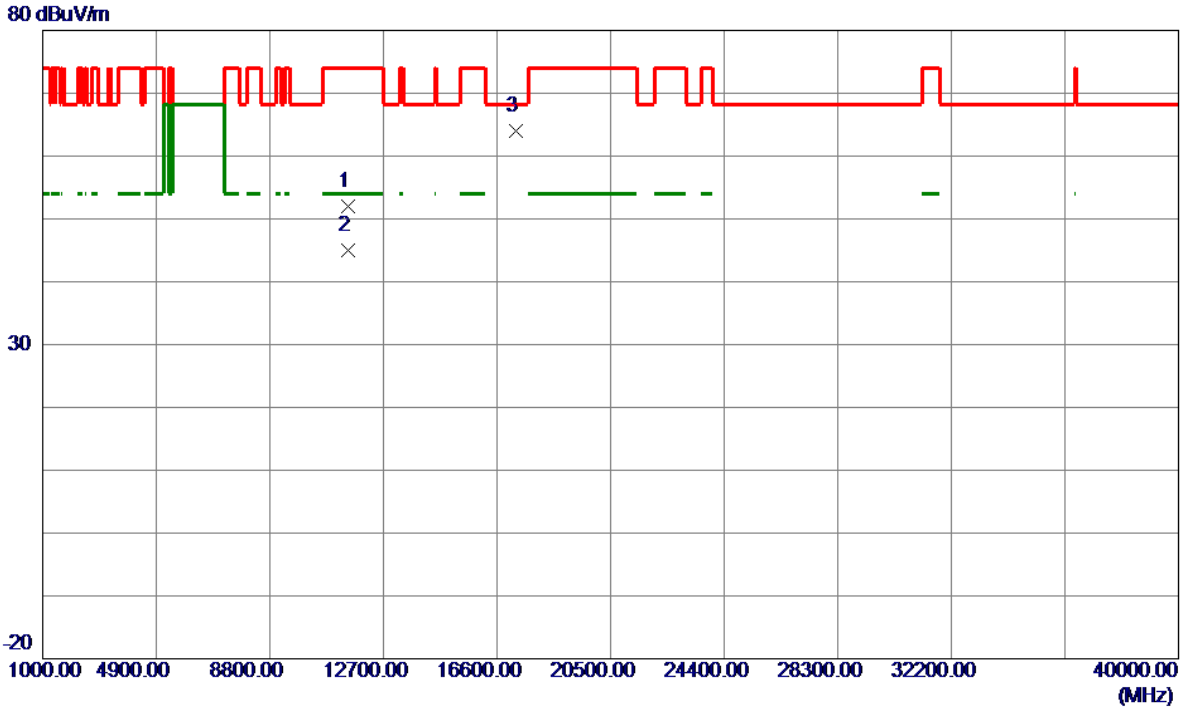
Test Mode	UNII-3_TX N(HT20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5614.4000	24.96	38.35	63.31	68.20	-4.89	Peak	
2	5717.4000	44.31	38.47	82.78	110.07	-27.29	Peak	
3	5725.0000	53.41	38.50	91.91	122.20	-30.29	Peak	
4 *	5743.6000	81.33	38.57	119.90	122.20	-2.30	Peak	
5	5974.4000	25.49	39.20	64.69	68.20	-3.51	Peak	

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

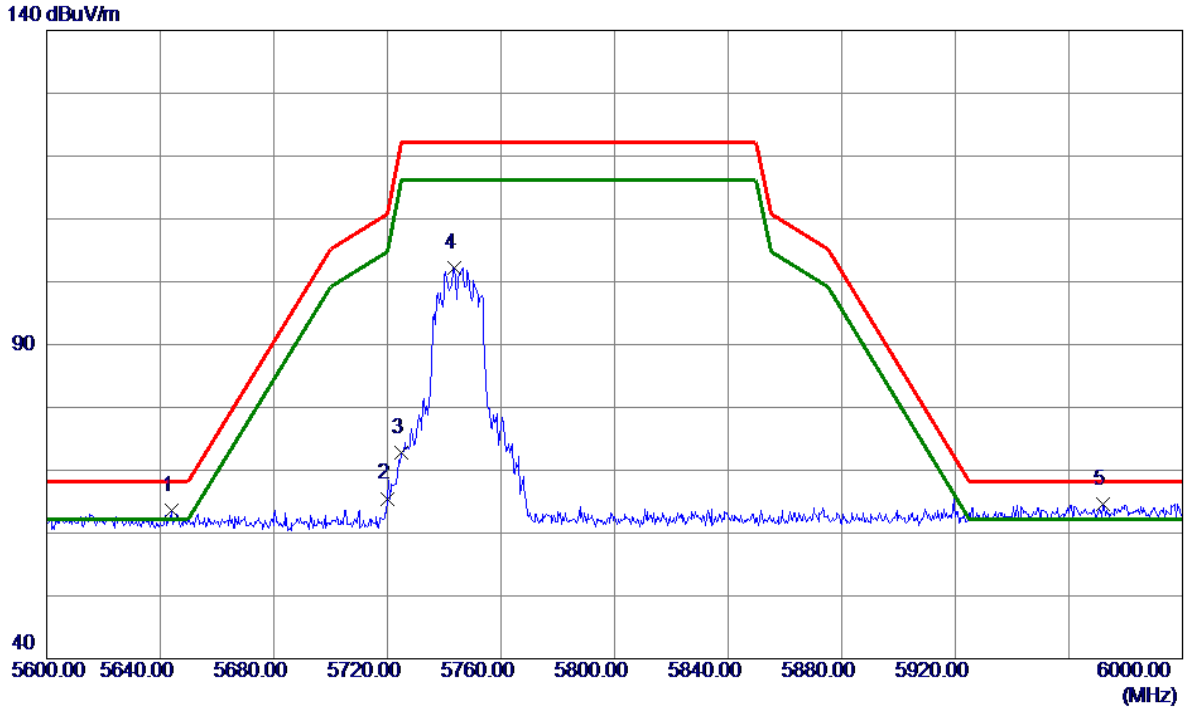
Test Mode	UNII-3_TX N(HT20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11494.9000	60.40	-8.35	52.05	74.00	-21.95	Peak	
2	11494.9000	53.40	-8.35	45.05	54.00	-8.95	AVG	
3 *	17237.6500	67.51	-3.56	63.95	68.20	-4.25	Peak	

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

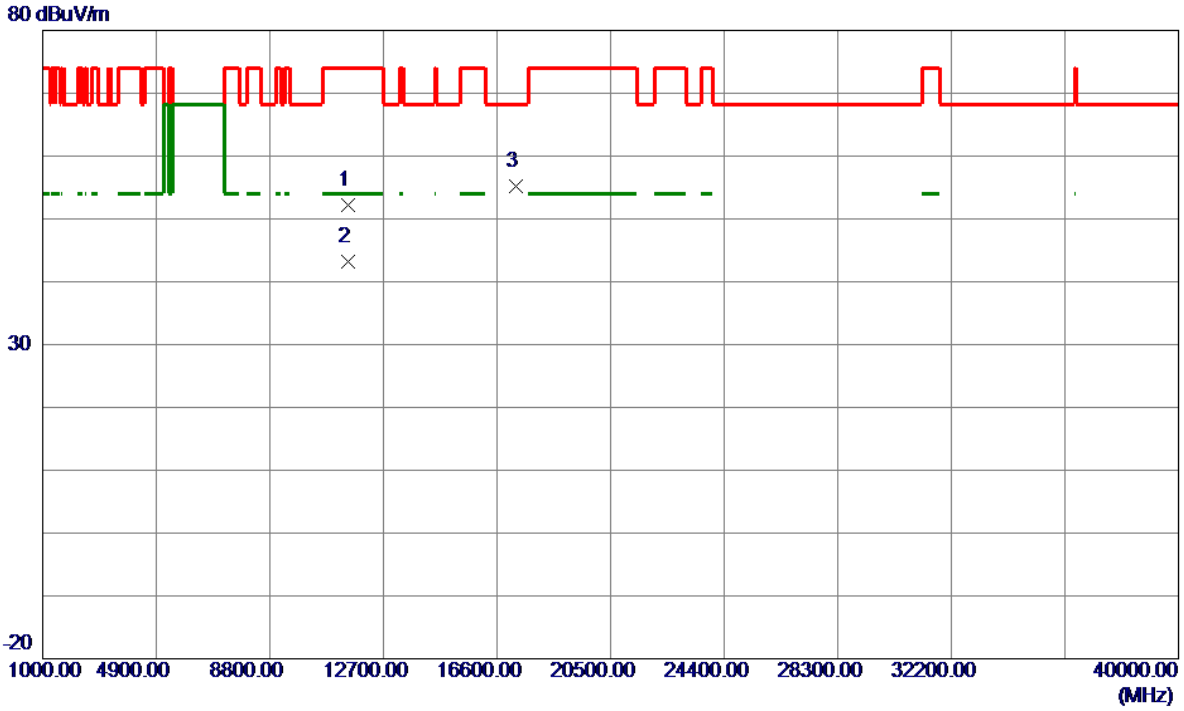
Test Mode	UNII-3_TX N(HT20) Mode 5745 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5644.0000	25.30	38.37	63.67	68.20	-4.53	Peak	
2	5720.0000	27.02	38.48	65.50	110.80	-45.30	Peak	
3	5725.0000	34.22	38.50	72.72	122.20	-49.48	Peak	
4	5743.6000	63.72	38.57	102.29	122.20	-19.91	Peak	
5 *	5972.2000	25.48	39.19	64.67	68.20	-3.53	Peak	

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

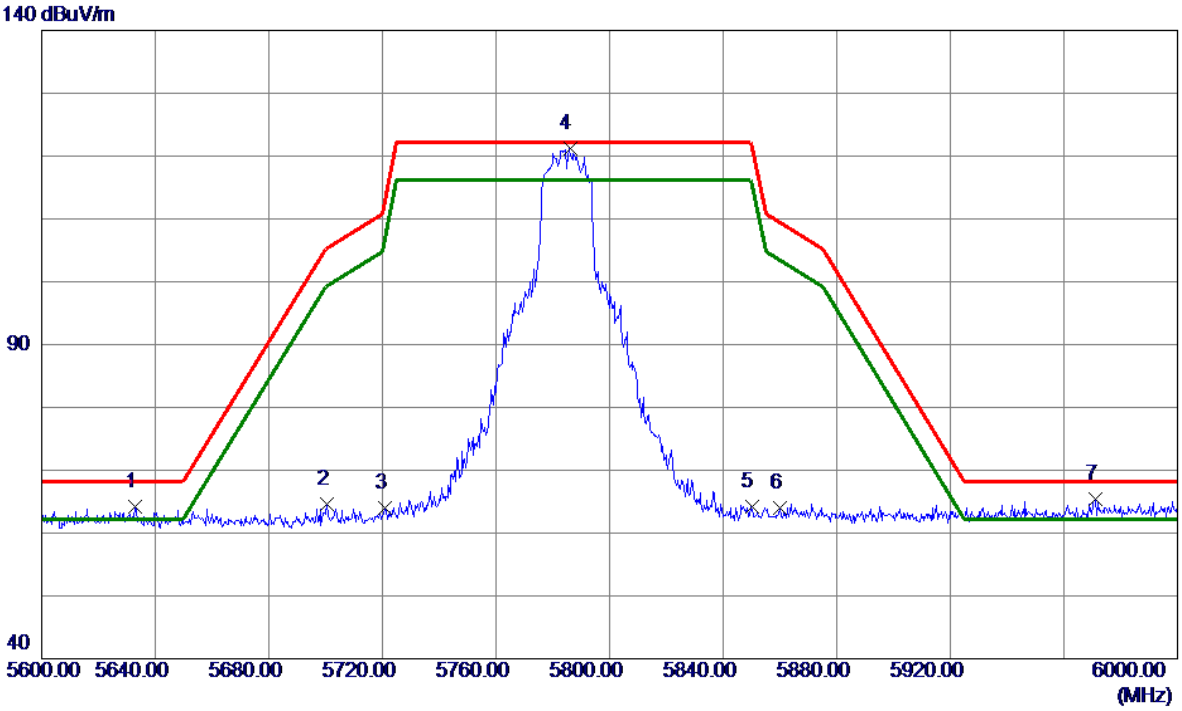
Test Mode	UNII-3_TX N(HT20) Mode 5745 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.0500	60.56	-8.36	52.20	74.00	-21.80	Peak	
2 *	11489.0500	51.56	-8.36	43.20	54.00	-10.80	AVG	
3	17231.8000	58.78	-3.60	55.18	68.20	-13.02	Peak	

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

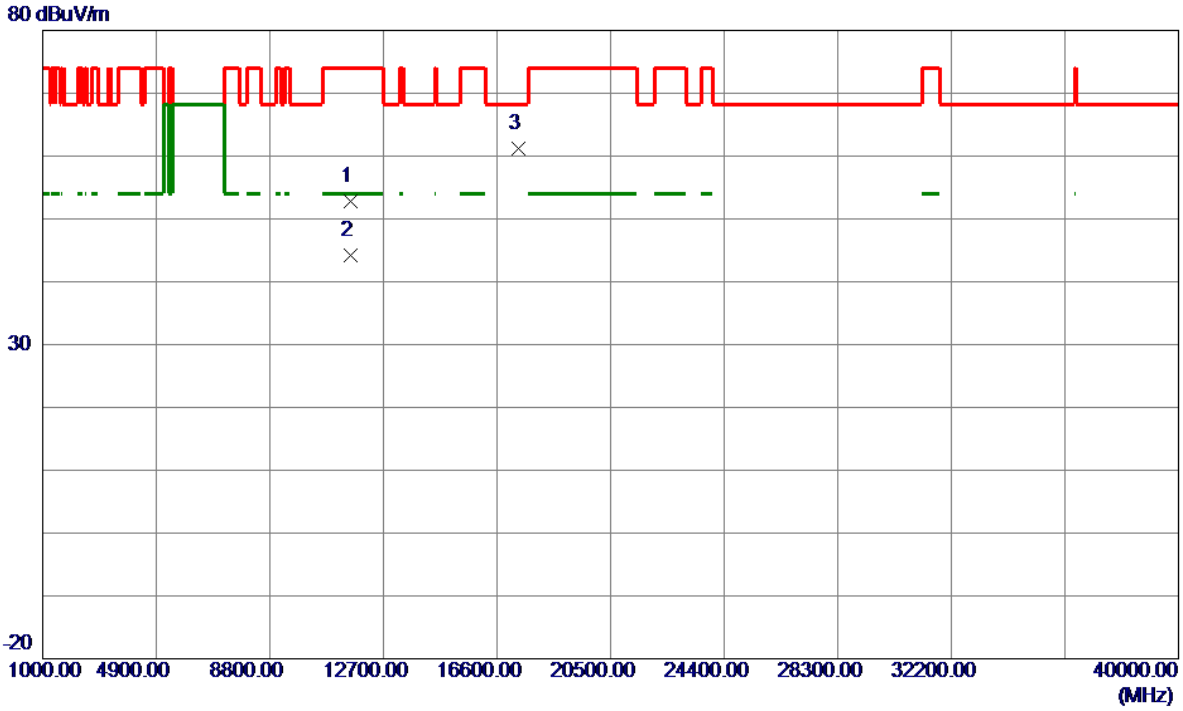
Test Mode	UNII-3_TX N(HT20) Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5633.0000	25.75	38.36	64.11	68.20	-4.09	Peak	
2	5700.6000	26.14	38.41	64.55	105.37	-40.82	Peak	
3	5720.8000	25.51	38.48	63.99	112.62	-48.63	Peak	
4 *	5786.0000	82.42	38.73	121.15	122.20	-1.05	Peak	
5	5850.0000	25.24	38.91	64.15	122.20	-58.05	Peak	
6	5860.0000	25.01	38.94	63.95	109.40	-45.45	Peak	
7	5971.0000	26.12	39.19	65.31	68.20	-2.89	Peak	

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

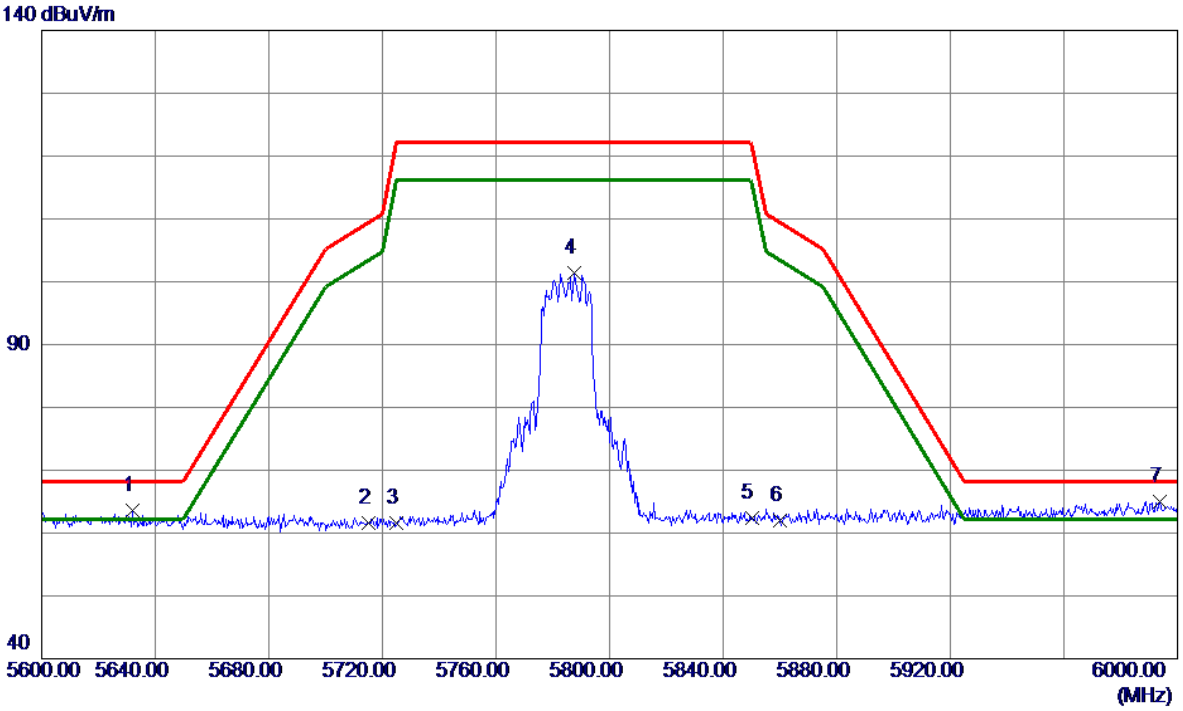
Test Mode	UNII-3_TX N(HT20) Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11567.0500	60.92	-8.19	52.73	74.00	-21.27	Peak	
2	11567.0500	52.37	-8.19	44.18	54.00	-9.82	AVG	
3 *	17356.6000	63.97	-2.78	61.19	68.20	-7.01	Peak	

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

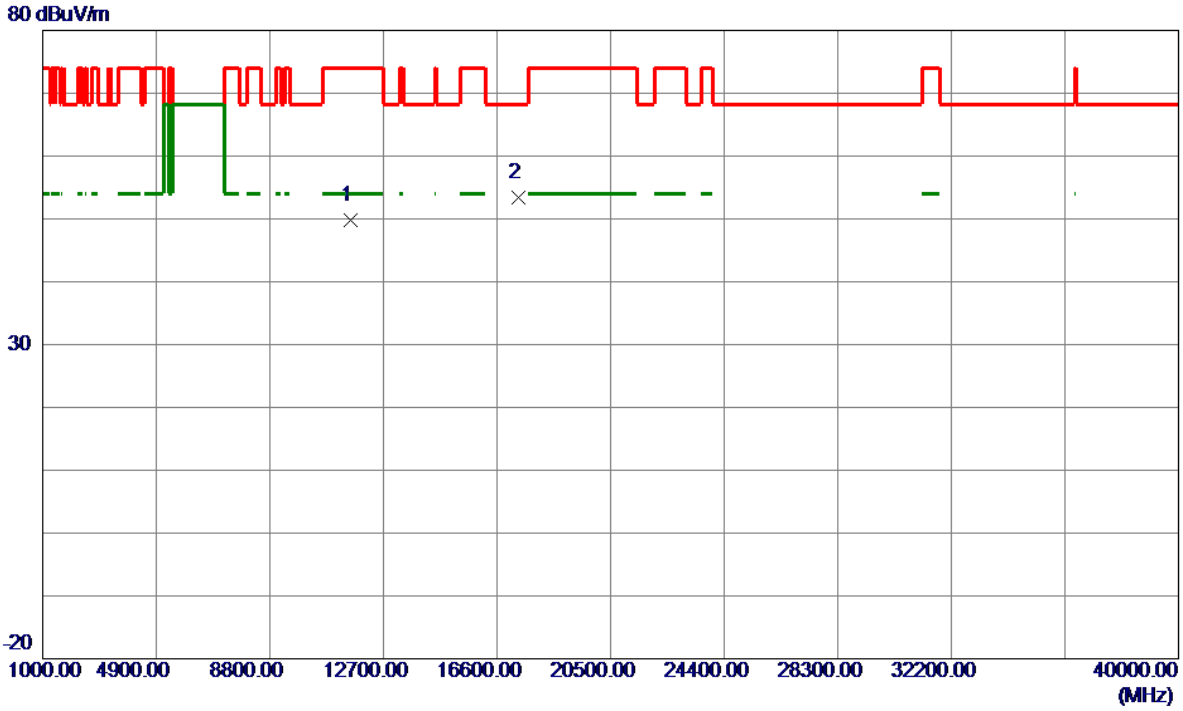
Test Mode	UNII-3_TX N(HT20) Mode 5785 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5632.0000	25.20	38.36	63.56	68.20	-4.64	Peak	
2	5715.0000	23.23	38.46	61.69	109.40	-47.71	Peak	
3	5725.0000	23.03	38.50	61.53	122.20	-60.67	Peak	
4	5787.6000	62.59	38.73	101.32	122.20	-20.88	Peak	
5	5850.0000	23.58	38.91	62.49	122.20	-59.71	Peak	
6	5860.0000	23.00	38.94	61.94	109.40	-47.46	Peak	
7 *	5993.6000	25.82	39.24	65.06	68.20	-3.14	Peak	

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

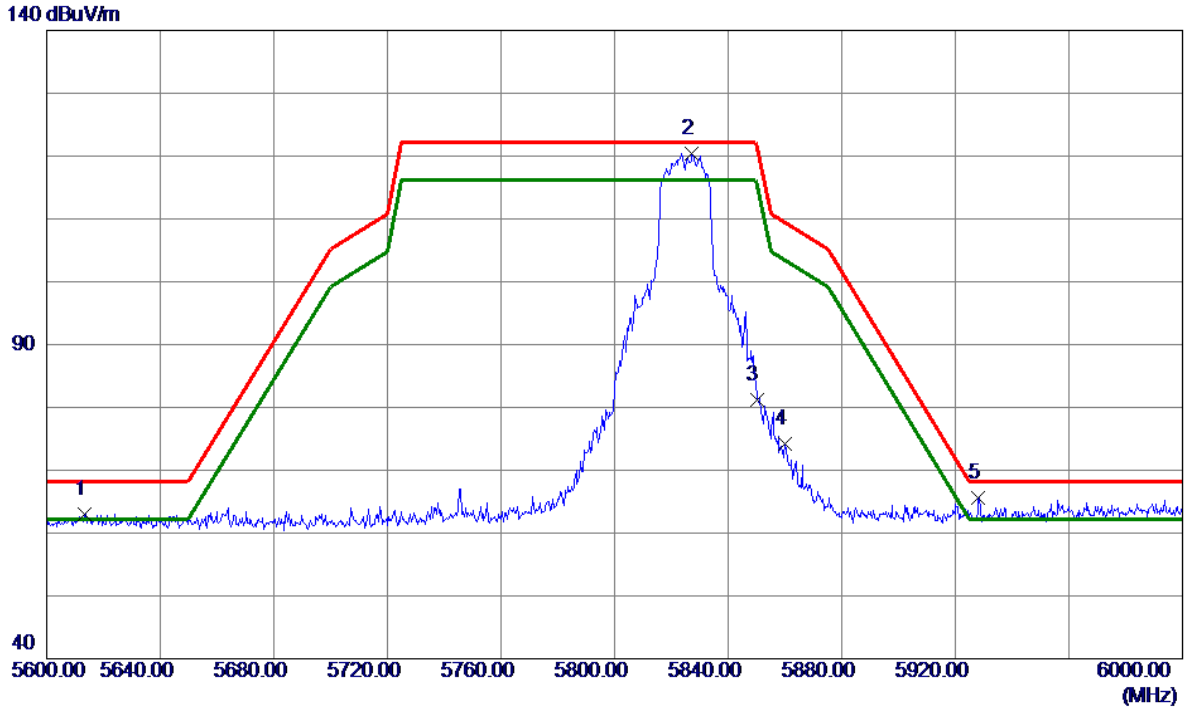
Test Mode	UNII-3_TX N(HT20) Mode 5785 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.9500	57.89	-8.18	49.71	74.00	-24.29	Peak	
2 *	17356.6000	56.18	-2.78	53.40	68.20	-14.80	Peak	

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

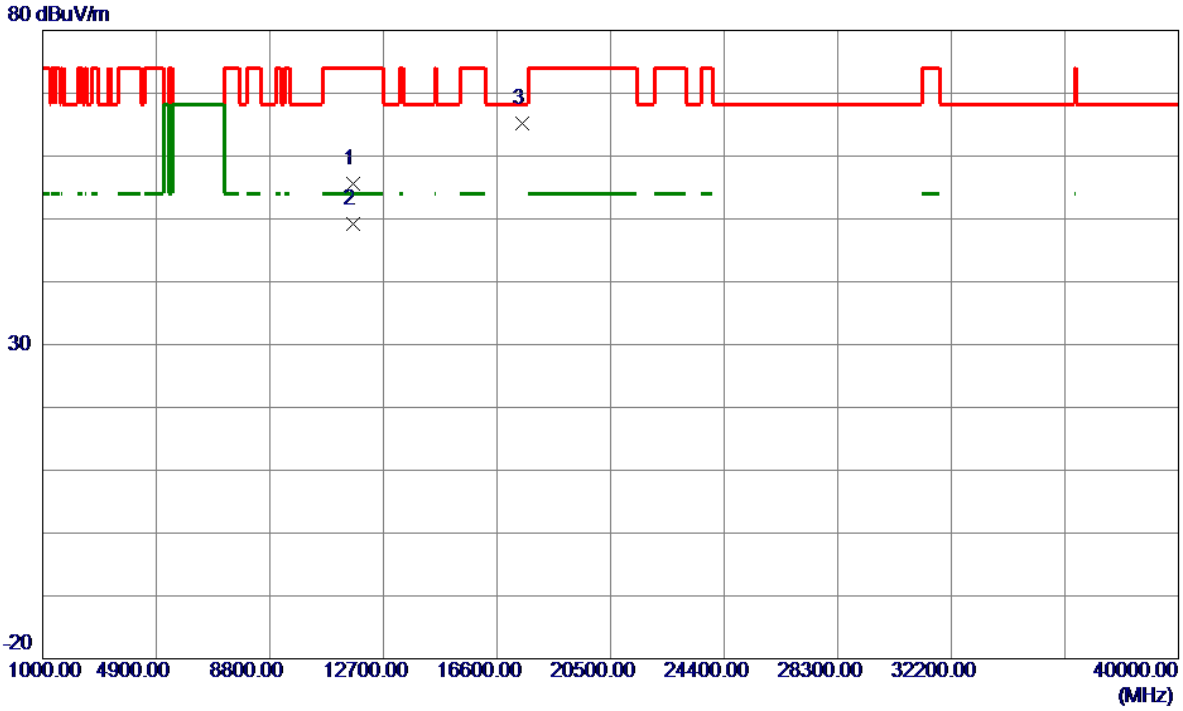
Test Mode	UNII-3_TX N(HT20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5613.4000	24.61	38.35	62.96	68.20	-5.24	Peak	
2 *	5827.2000	81.59	38.85	120.44	122.20	-1.76	Peak	
3	5850.0000	42.35	38.91	81.26	122.20	-40.94	Peak	
4	5860.0000	35.33	38.94	74.27	109.40	-35.13	Peak	
5	5928.2000	26.52	39.11	65.63	68.20	-2.57	Peak	

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

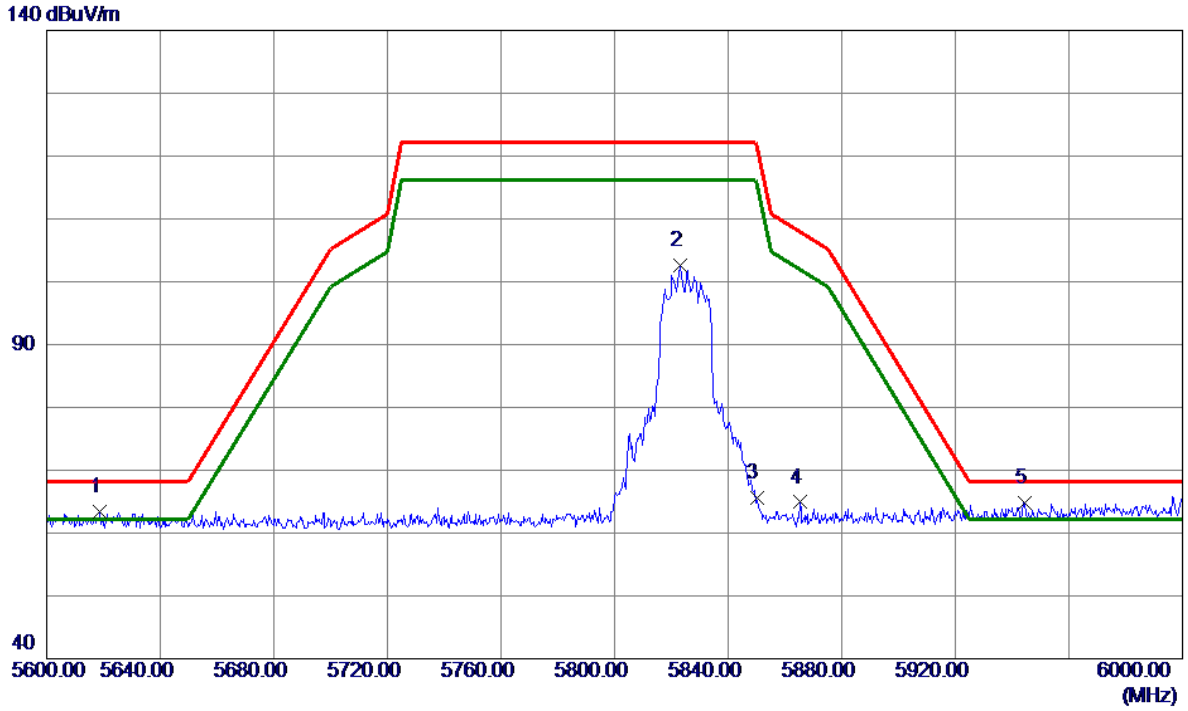
Test Mode	UNII-3_TX N(HT20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11647.0000	63.89	-8.24	55.65	74.00	-18.35	Peak	
2	11650.0500	57.37	-8.25	49.12	54.00	-4.88	AVG	
3 *	17475.5500	67.36	-2.11	65.25	68.20	-2.95	Peak	

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

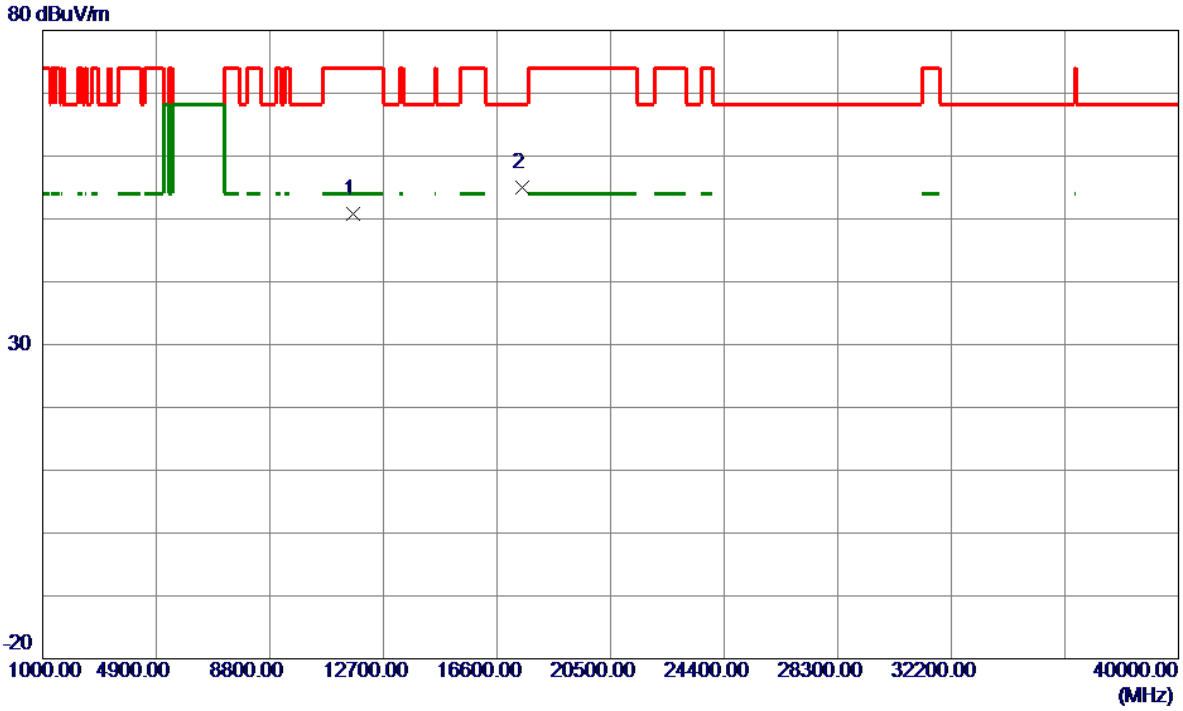
Test Mode	UNII-3_TX N(HT20) Mode 5825 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5618.8000	25.07	38.35	63.42	68.20	-4.78	Peak	
2	5823.0000	63.70	38.84	102.54	122.20	-19.66	Peak	
3	5850.0000	26.68	38.91	65.59	122.20	-56.61	Peak	
4	5865.4000	25.94	38.96	64.90	107.89	-42.99	Peak	
5 *	5944.4000	25.72	39.14	64.86	68.20	-3.34	Peak	

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

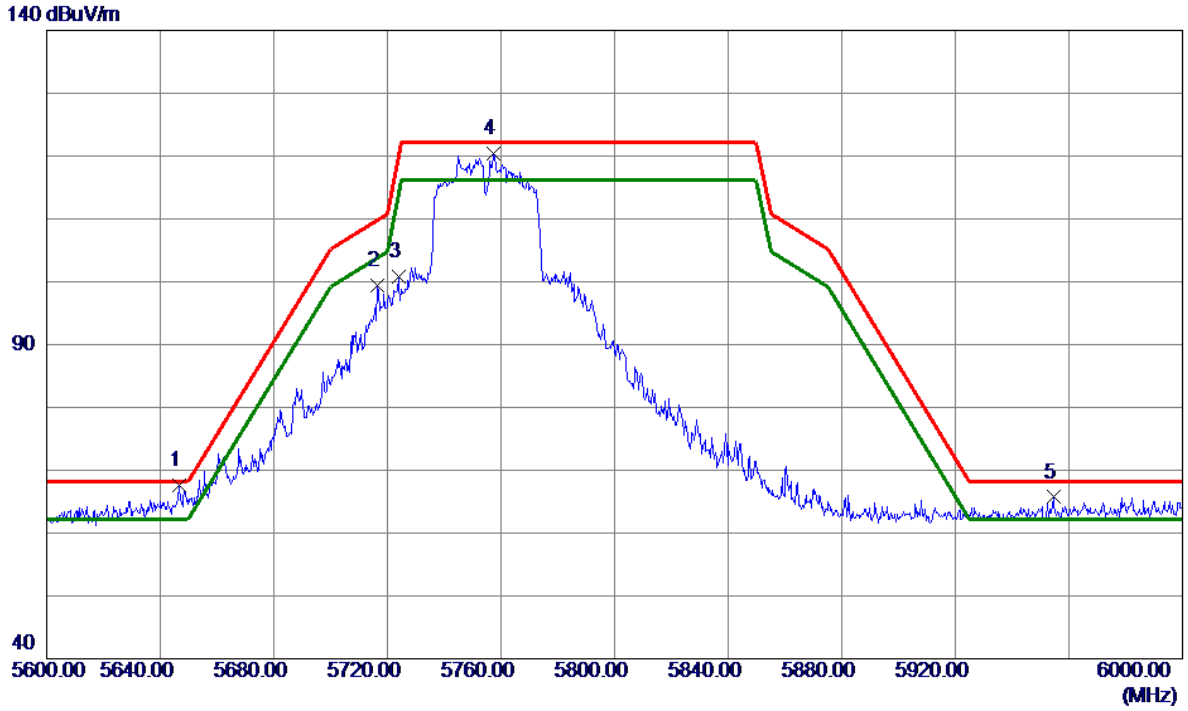
Test Mode	UNII-3_TX N(HT20) Mode 5825 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11652.8500	59.13	-8.26	50.87	74.00	-23.13	Peak	
2 *	17485.3000	57.05	-2.06	54.99	68.20	-13.21	Peak	

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

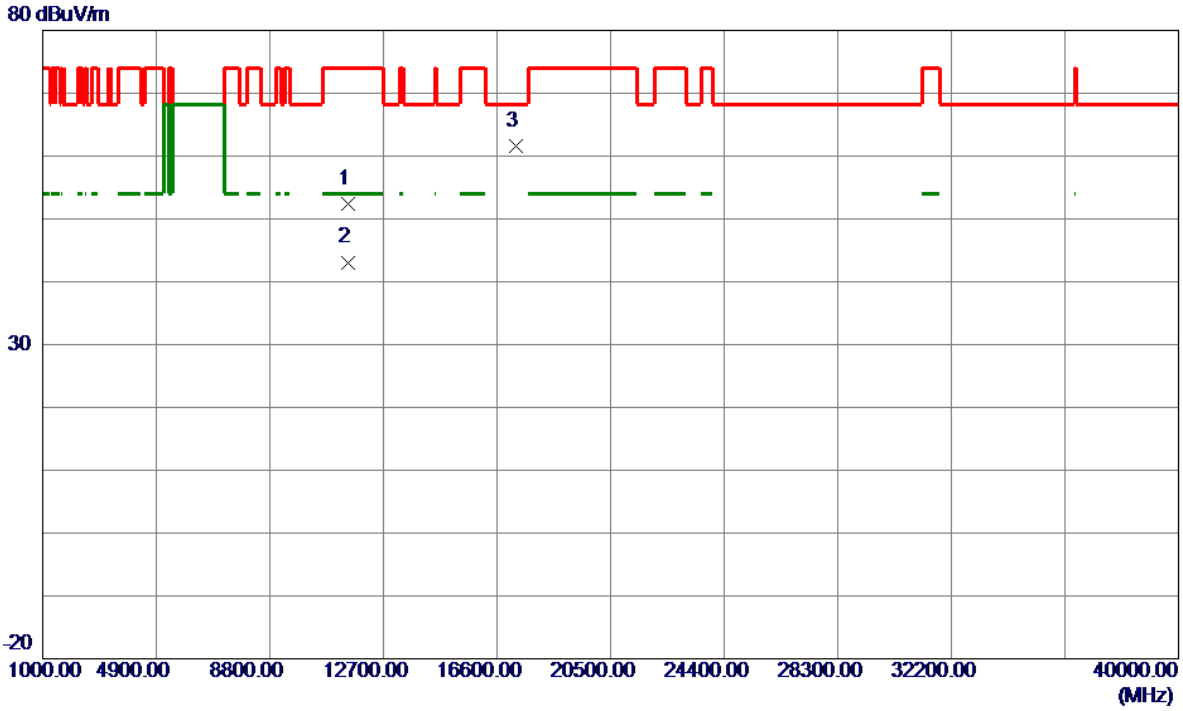
Test Mode	UNII-3_TX N(HT40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5646.6000	29.32	38.37	67.69	68.20	-0.51	Peak	
2	5716.6000	60.87	38.47	99.34	109.85	-10.51	Peak	
3	5723.8000	62.29	38.49	100.78	119.46	-18.68	Peak	
4	5757.4000	81.77	38.62	120.39	122.20	-1.81	Peak	
5	5954.6000	26.54	39.16	65.70	68.20	-2.50	Peak	

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

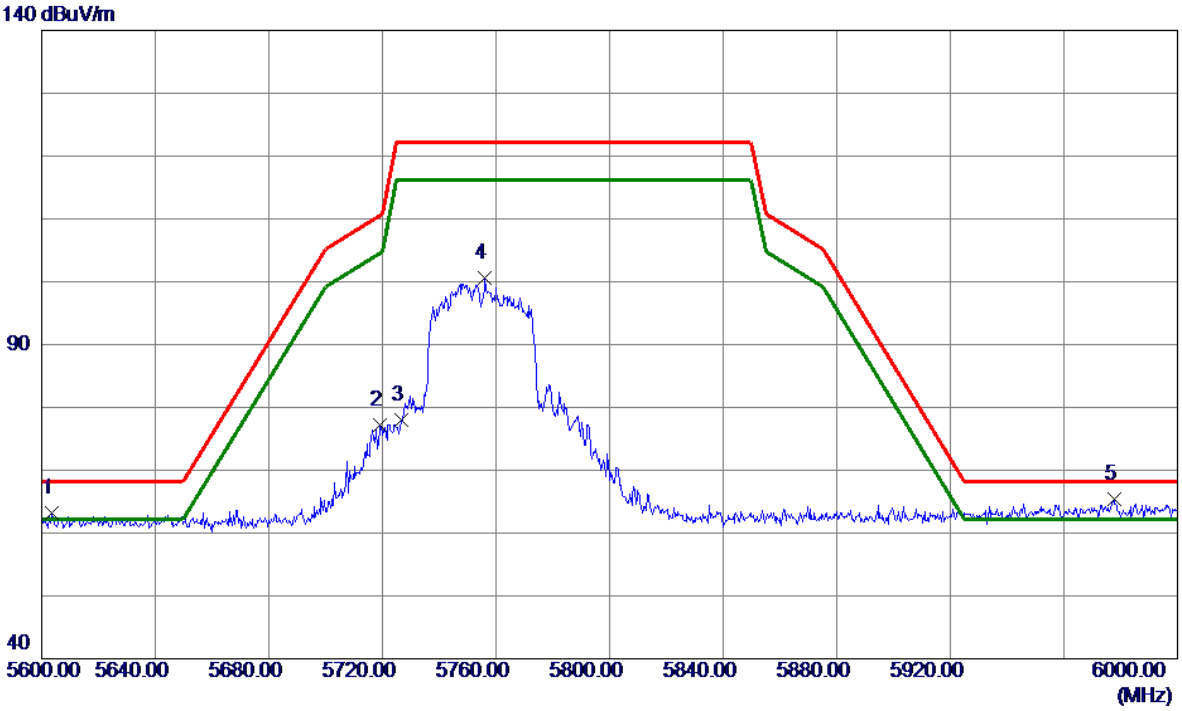
Test Mode	UNII-3_TX N(HT40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11502.7000	60.67	-8.33	52.34	74.00	-21.66	Peak	
2	11502.7000	51.43	-8.33	43.10	54.00	-10.90	AVG	
3 *	17270.8000	64.85	-3.34	61.51	68.20	-6.69	Peak	

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

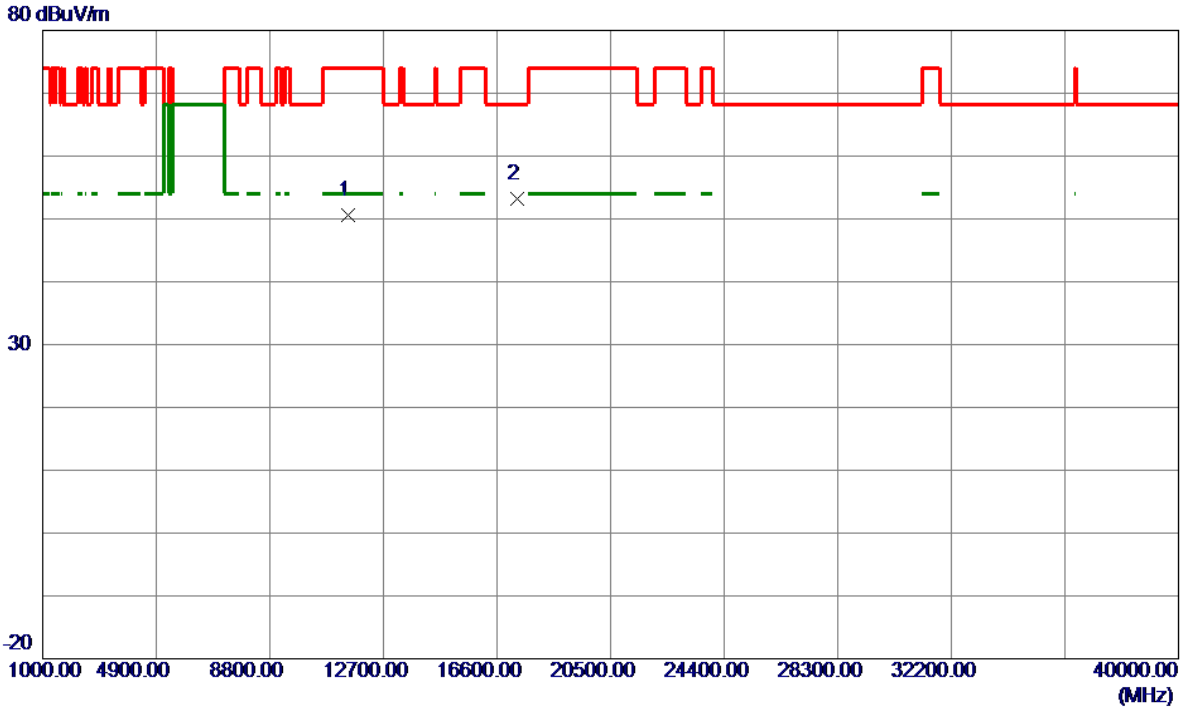
Test Mode	UNII-3_TX N(HT40) Mode 5755 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5603.6000	24.95	38.34	63.29	68.20	-4.91	Peak	
2	5719.2000	38.79	38.48	77.27	110.58	-33.31	Peak	
3	5726.8000	39.46	38.51	77.97	122.20	-44.23	Peak	
4	5756.0000	62.02	38.61	100.63	122.20	-21.57	Peak	
5 *	5977.6000	26.18	39.21	65.39	68.20	-2.81	Peak	

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

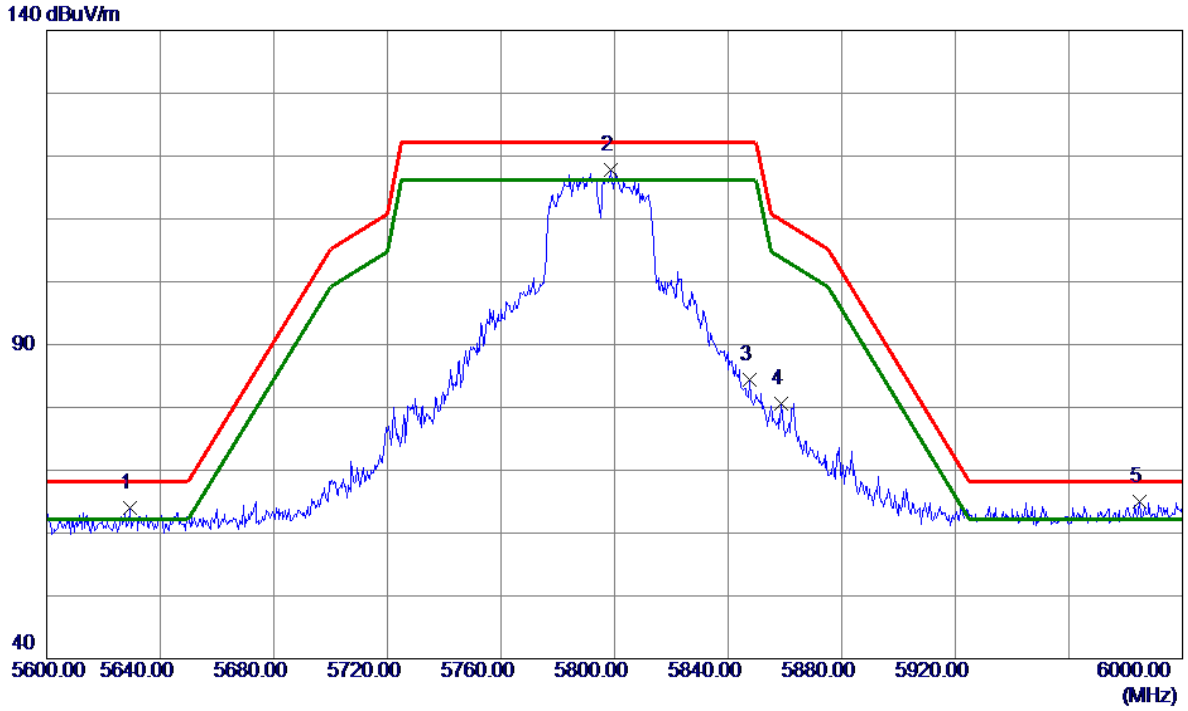
Test Mode	UNII-3_TX N(HT40) Mode 5755 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11506.6000	58.83	-8.32	50.51	74.00	-23.49	Peak	
2 *	17276.6500	56.52	-3.30	53.22	68.20	-14.98	Peak	

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

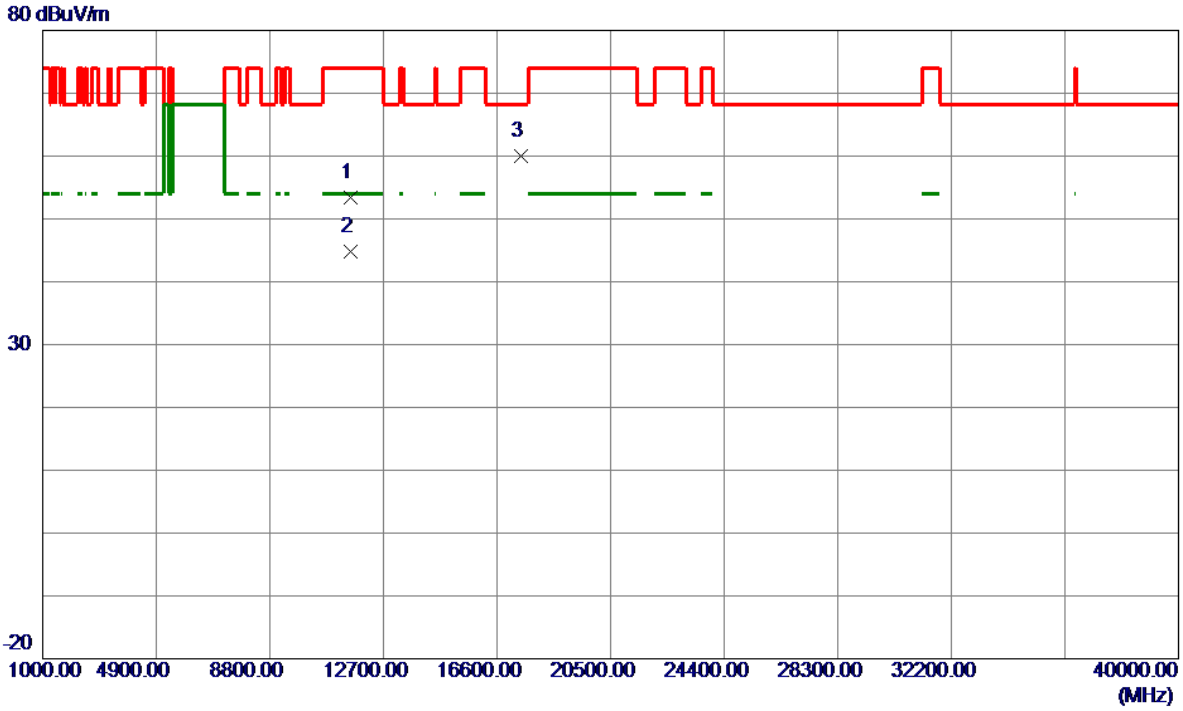
Test Mode	UNII-3_TX N(HT40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5629.2000	25.56	38.36	63.92	68.20	-4.28	Peak	
2	5798.6000	79.08	38.77	117.85	122.20	-4.35	Peak	
3	5847.6000	45.55	38.91	84.46	122.20	-37.74	Peak	
4	5858.8000	41.74	38.94	80.68	109.74	-29.06	Peak	
5 *	5984.8000	25.80	39.22	65.02	68.20	-3.18	Peak	

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

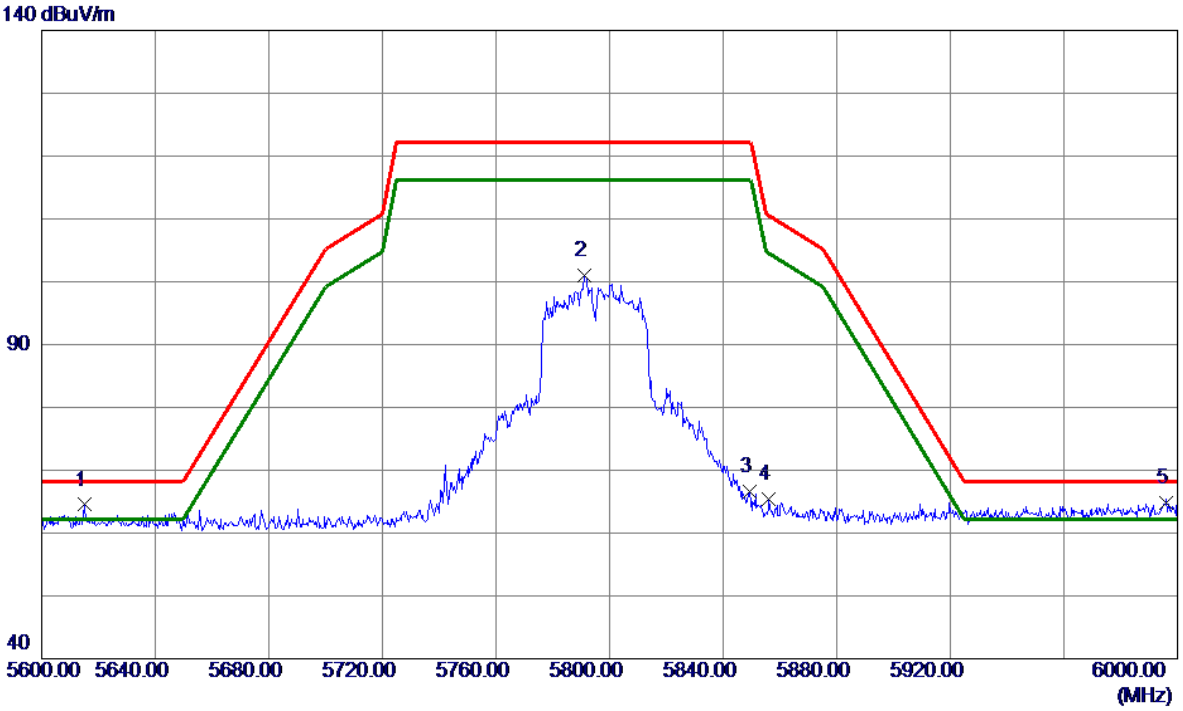
Test Mode	UNII-3_TX N(HT40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11592.4000	61.56	-8.14	53.42	74.00	-20.58	Peak	
2	11592.4000	52.86	-8.14	44.72	54.00	-9.28	AVG	
3 *	17405.3500	62.39	-2.46	59.93	68.20	-8.27	Peak	

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

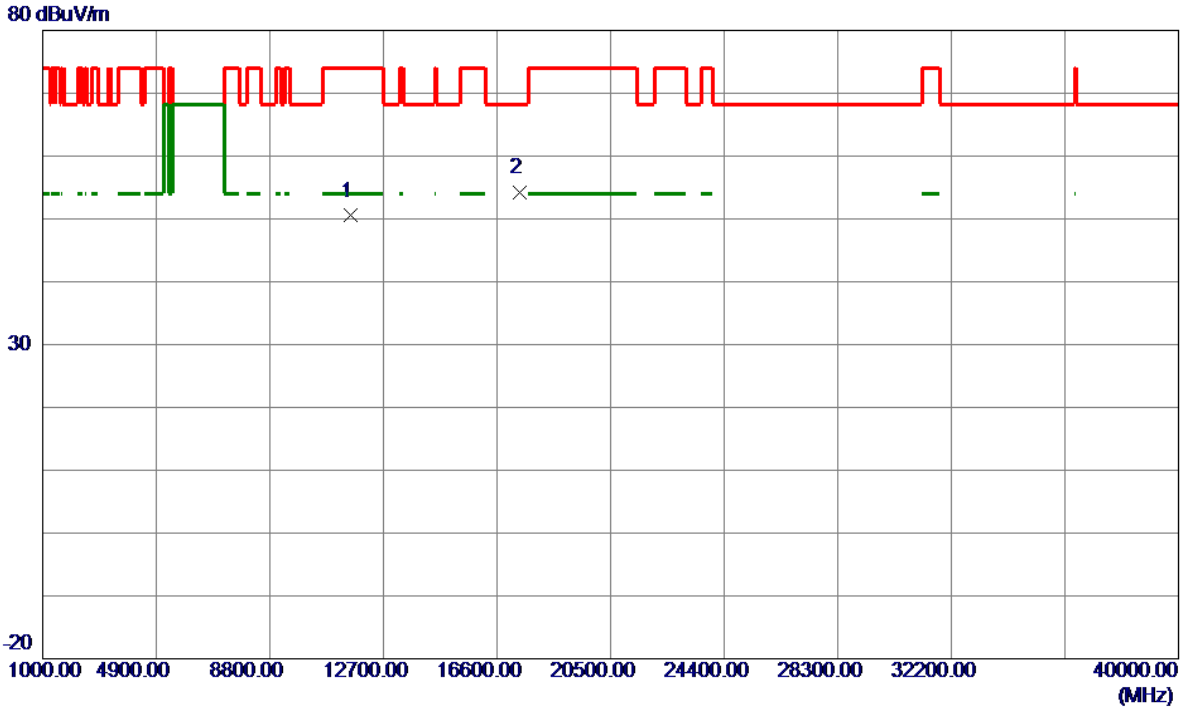
Test Mode	UNII-3_TX N(HT40) Mode 5795 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5615.0000	26.15	38.35	64.50	68.20	-3.70	Peak	
2	5791.2000	62.24	38.75	100.99	122.20	-21.21	Peak	
3	5849.2000	27.66	38.91	66.57	122.20	-55.63	Peak	
4	5856.0000	26.38	38.93	65.31	110.52	-45.21	Peak	
5 *	5995.8000	25.50	39.24	64.74	68.20	-3.46	Peak	

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

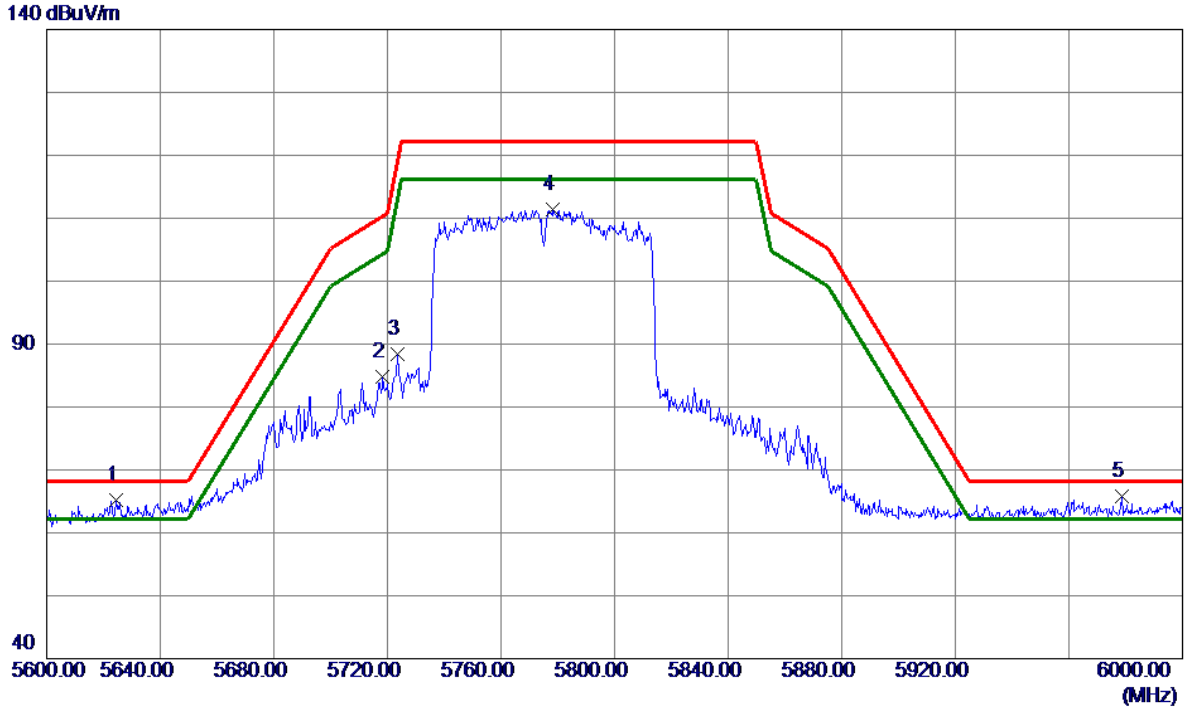
Test Mode	UNII-3_TX N(HT40) Mode 5795 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11594.3500	58.63	-8.13	50.50	74.00	-23.50	Peak	
2 *	17387.8000	56.74	-2.57	54.17	68.20	-14.03	Peak	

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

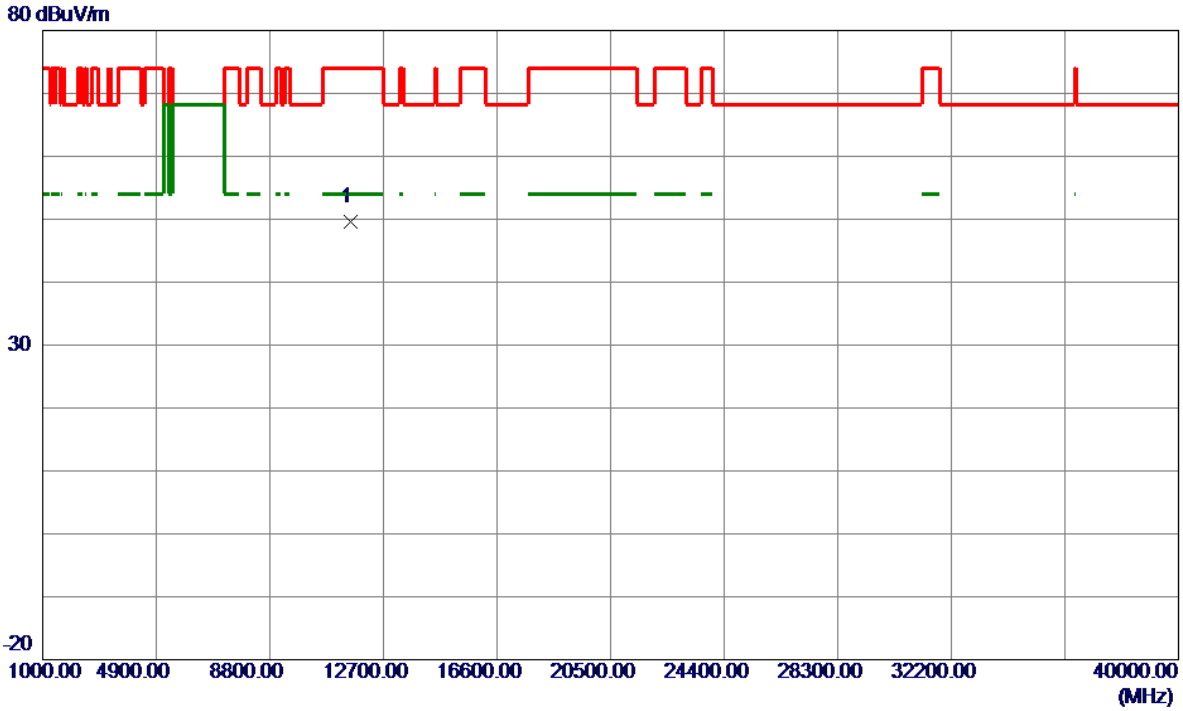
Test Mode	UNII-3_TX AC(VHT80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5624.6000	26.81	38.36	65.17	68.20	-3.03	Peak	
2	5718.4000	46.36	38.47	84.83	110.35	-25.52	Peak	
3	5723.6000	49.99	38.49	88.48	119.01	-30.53	Peak	
4	5778.4000	72.62	38.70	111.32	122.20	-10.88	Peak	
5 *	5978.8000	26.68	39.21	65.89	68.20	-2.31	Peak	

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

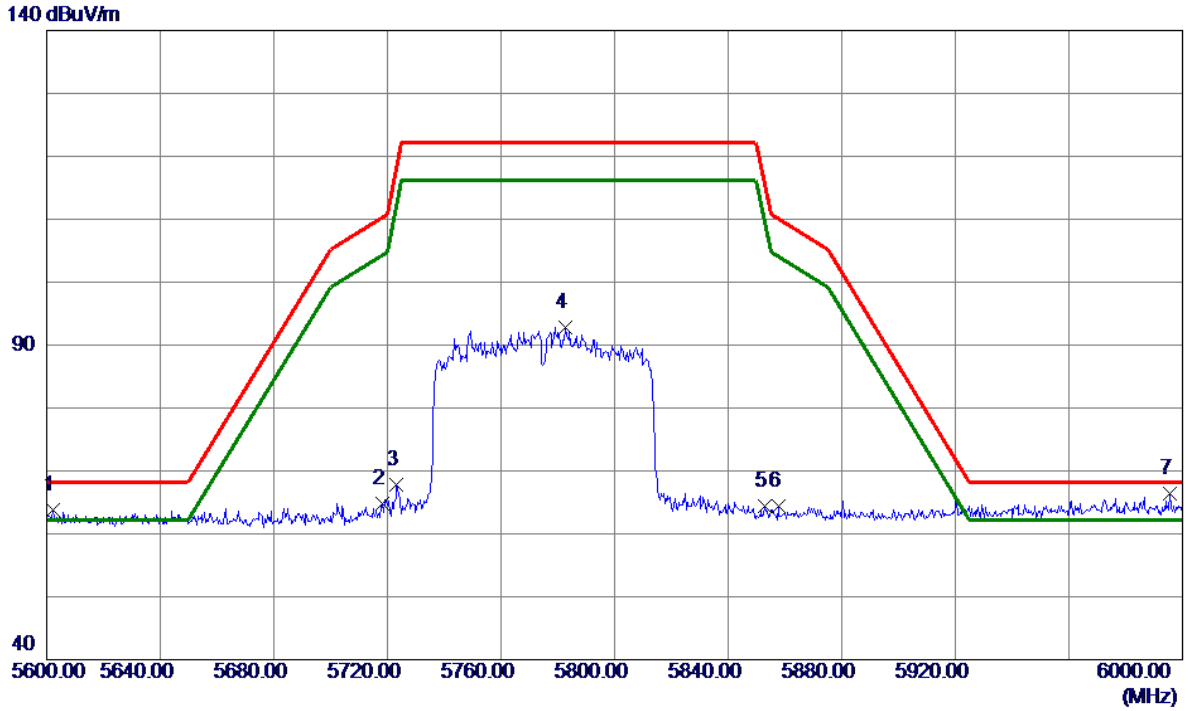
Test Mode	UNII-3_TX AC(VHT80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11553.4000	57.78	-8.22	49.56	74.00	-24.44	Peak	

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

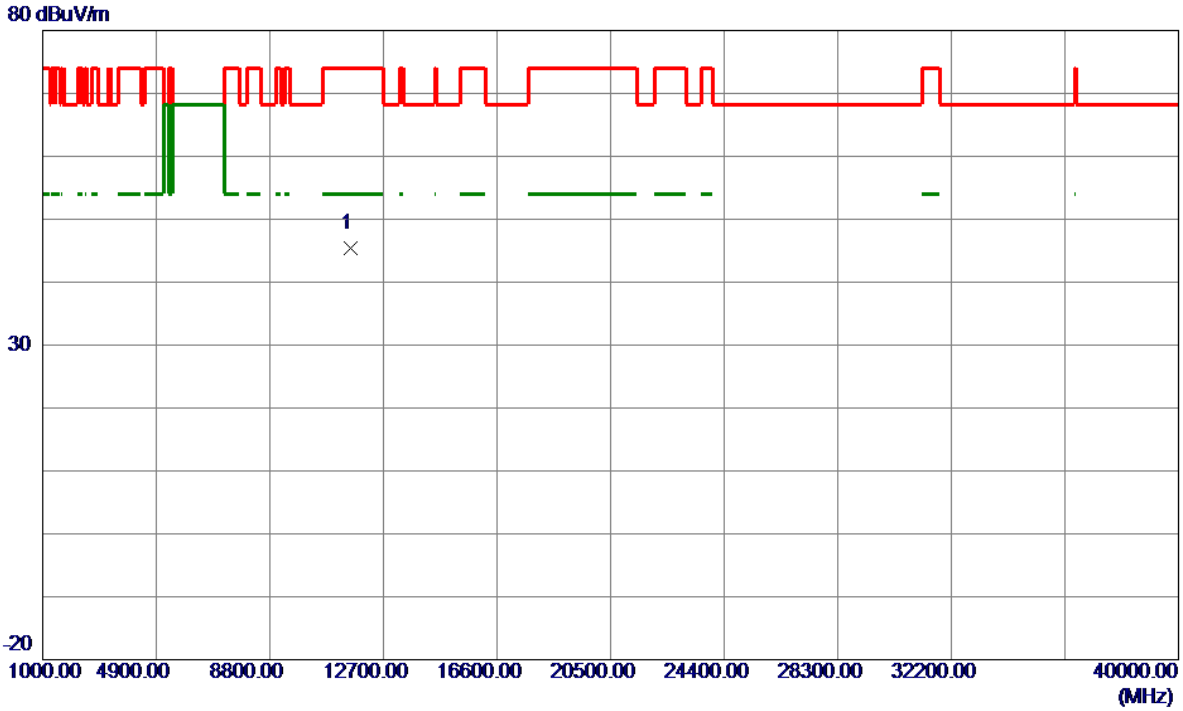
Test Mode	UNII-3_TX AC(VHT80) Mode 5775 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5602.2000	25.50	38.34	63.84	68.20	-4.36	Peak	
2	5718.4000	26.36	38.47	64.83	110.35	-45.52	Peak	
3	5723.2000	29.22	38.49	67.71	118.10	-50.39	Peak	
4	5782.8000	54.03	38.72	92.75	122.20	-29.45	Peak	
5	5853.0000	25.49	38.92	64.41	115.36	-50.95	Peak	
6	5857.8000	25.50	38.94	64.44	110.02	-45.58	Peak	
7 *	5995.6000	27.12	39.24	66.36	68.20	-1.84	Peak	

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

Test Mode	UNII-3_TX AC(VHT80) Mode 5775 MHz	Polarization	Horizontal

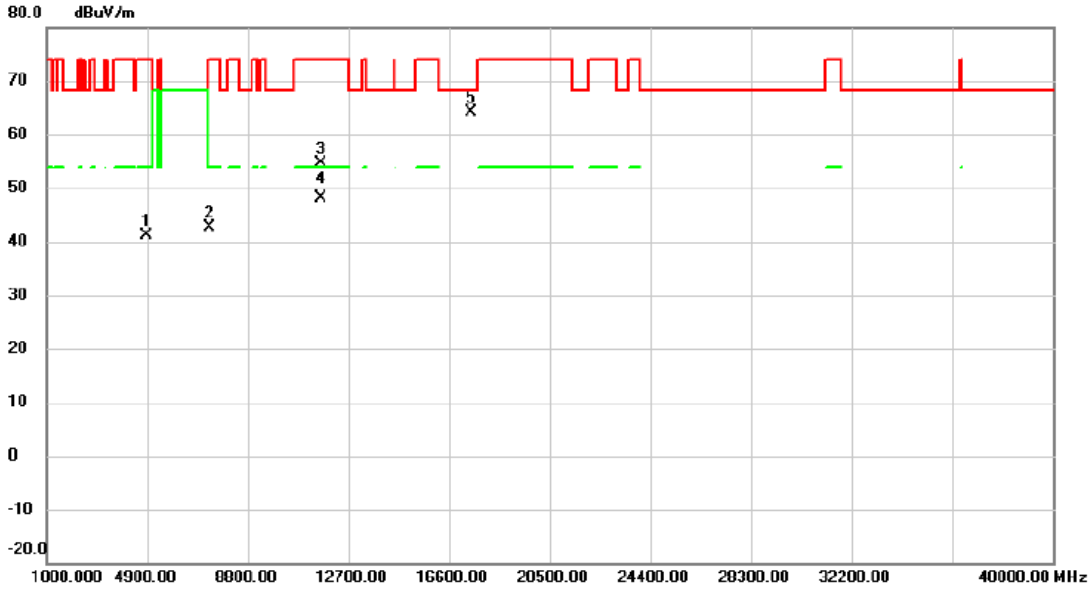


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11557.3000	53.54	-8.21	45.33	74.00	-28.67	Peak	

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

The worst case of simultaneous transmission:

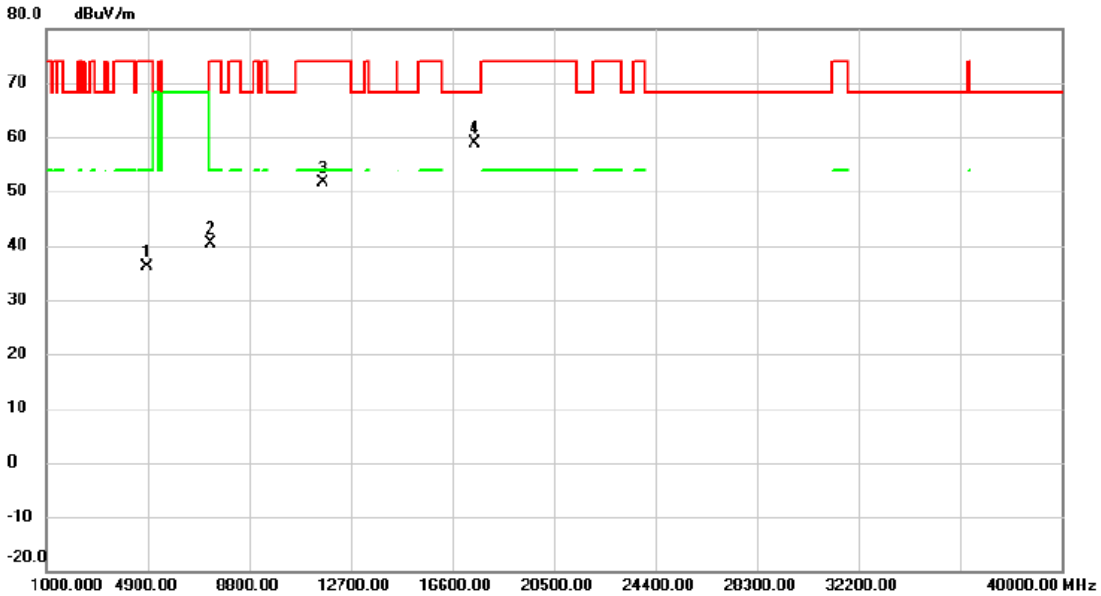
Test Mode	TX WLAN 2.4G B Mode 2437MHz+ WLAN 5G A Mode 5825MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	58.12	-16.90	41.22	74.00	-32.78	peak	
2		7311.000	55.47	-12.85	42.62	74.00	-31.38	peak	
3		11647.00	62.84	-8.24	54.60	74.00	-19.40	peak	
4		11647.00	56.27	-8.24	48.03	54.00	-5.97	AVG	
5	*	17479.45	66.25	-2.09	64.16	68.20	-4.04	peak	

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

Test Mode	TX WLAN 2.4G B Mode 2437MHz+ WLAN 5G A Mode 5825MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	52.98	-16.90	36.08	74.00	-37.92	peak	
2		7311.000	53.35	-12.85	40.50	74.00	-33.50	peak	
3		11652.85	59.82	-8.26	51.56	74.00	-22.44	peak	
4	*	17483.35	60.93	-2.08	58.85	68.20	-9.35	peak	

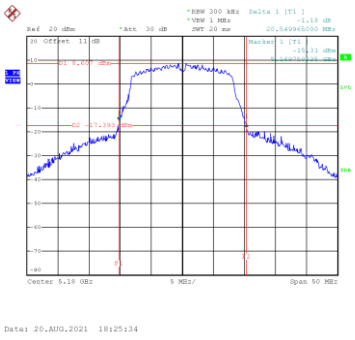
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	UNII-1_TX A Mode

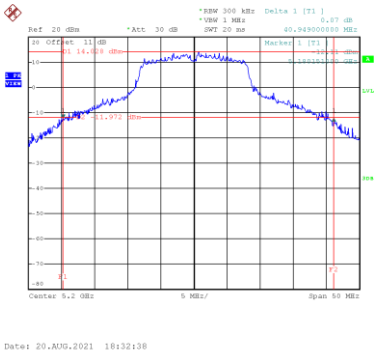
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	20.550	16.800
40	5200	40.949	25.500
48	5240	34.350	18.700

CH36

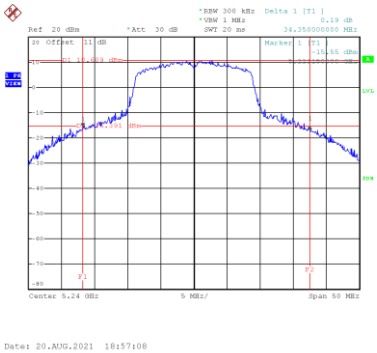


CH40

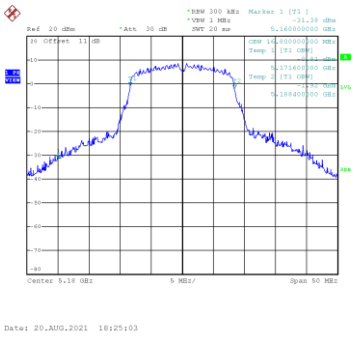
26 dB Bandwidth

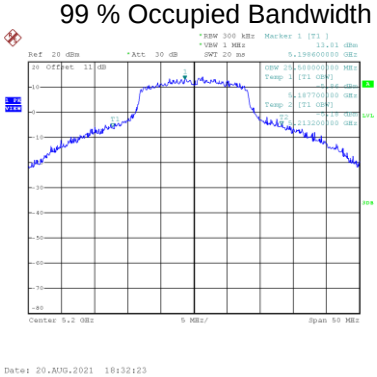


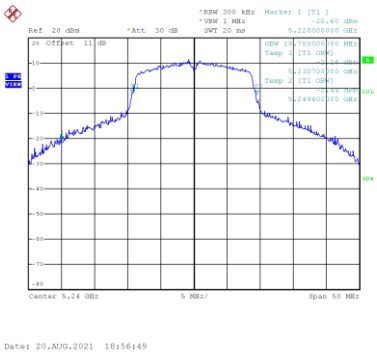
CH48



99 % Occupied Bandwidth



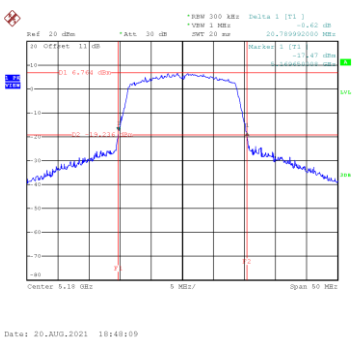




Test Mode	UNII-1_TX N(HT20) Mode

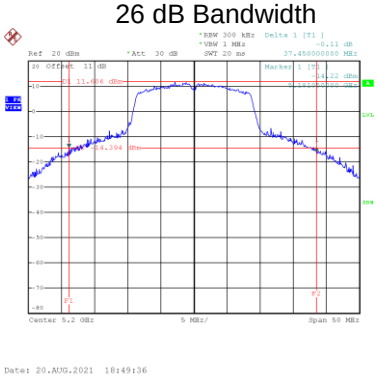
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	20.790	17.900
40	5200	37.450	19.800
48	5240	34.590	18.800

CH36

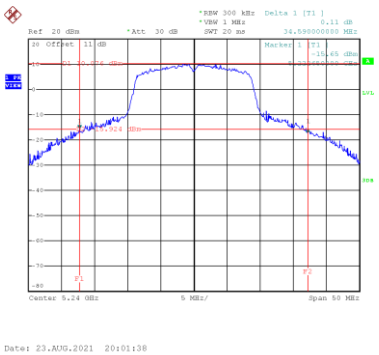


CH40

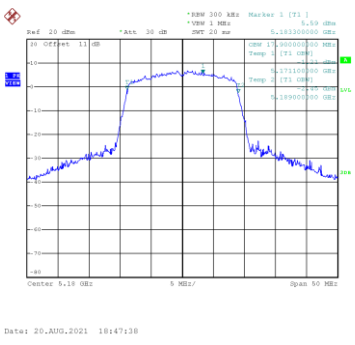
26 dB Bandwidth

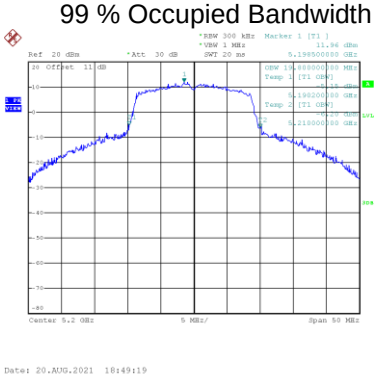


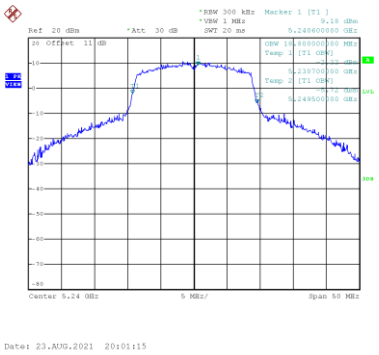
CH48



99 % Occupied Bandwidth



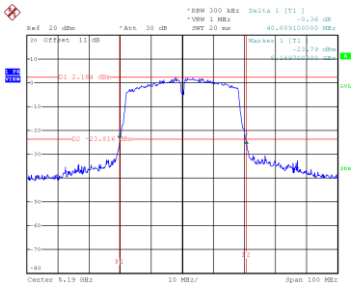




Test Mode	UNII-1_TX N(HT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
38	5190	40.809	36.600
46	5230	62.995	37.400

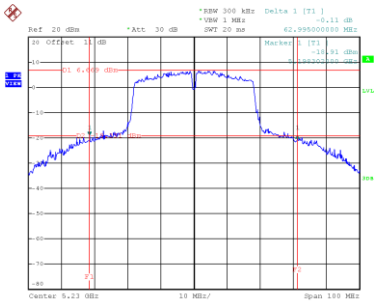
CH38



Date: 20.AUG.2021 19:12:13

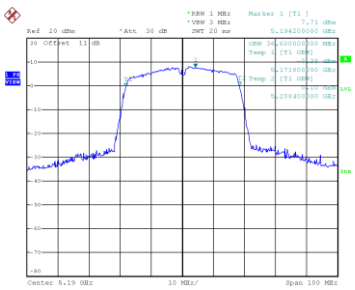
CH46

26 dB Bandwidth

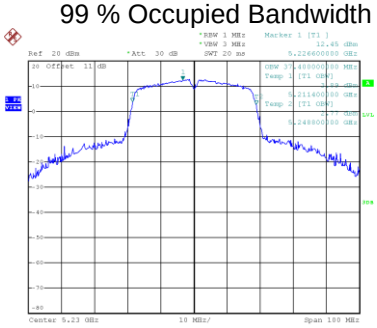


Date: 20.AUG.2021 19:13:57

99 % Occupied Bandwidth



Date: 20.AUG.2021 19:11:28



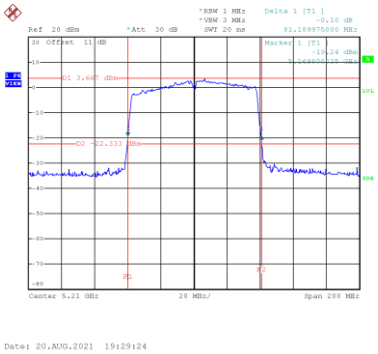
Date: 20.AUG.2021 19:13:11

Test Mode	UNII-1_TX AC(VHT80) Mode

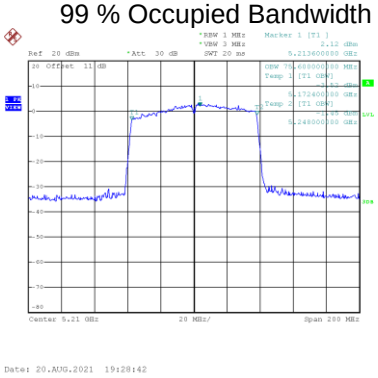
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
42	5210	81.190	75.600

CH42

26 dB Bandwidth



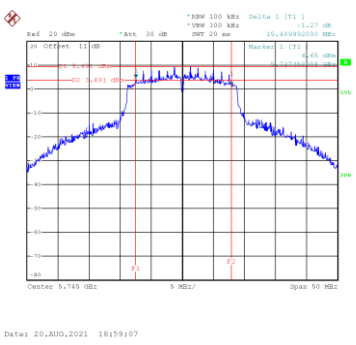
99 % Occupied Bandwidth



Test Mode	UNII-3_TX A Mode

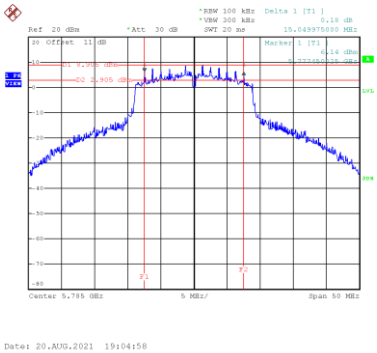
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
149	5745	15.490	20.300	0.5	Complies
157	5785	15.050	20.200	0.5	Complies
165	5825	15.690	20.200	0.5	Complies

CH149

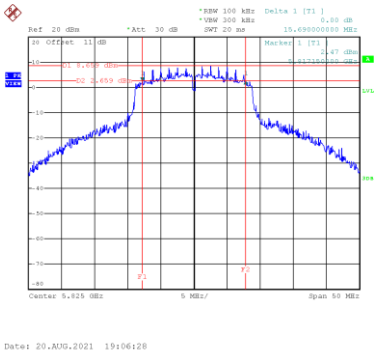


CH157

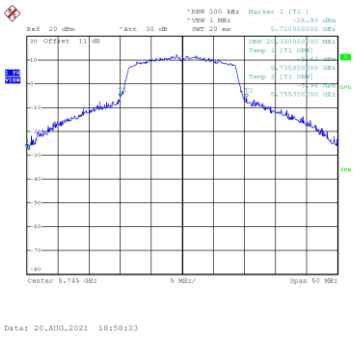
6 dB Bandwidth

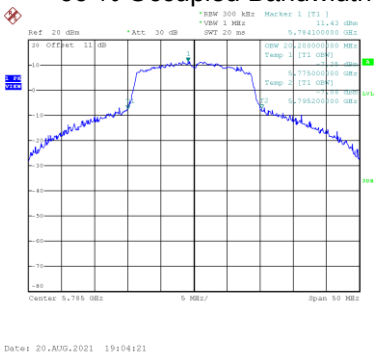


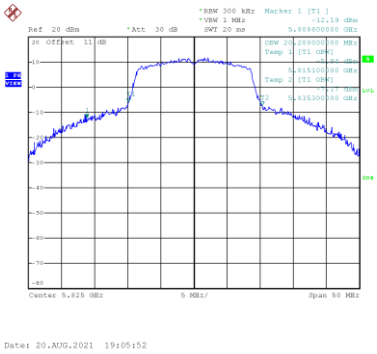
CH165



99 % Occupied Bandwidth



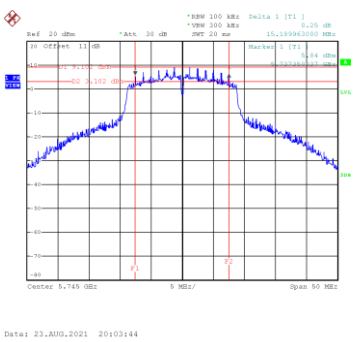




Test Mode	UNII-3_TX N(HT20) Mode

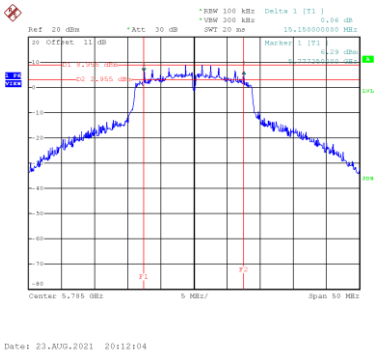
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
149	5745	15.190	20.300	0.5	Complies
157	5785	15.150	21.100	0.5	Complies
165	5825	15.290	20.700	0.5	Complies

CH149

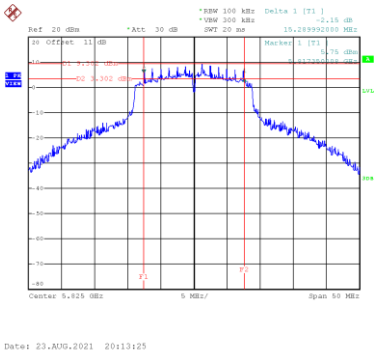


CH157

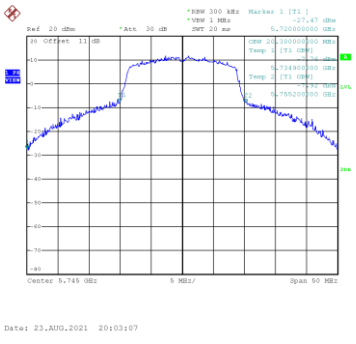
6 dB Bandwidth

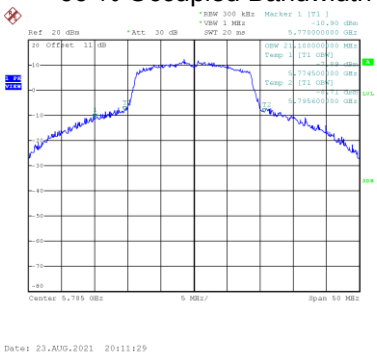


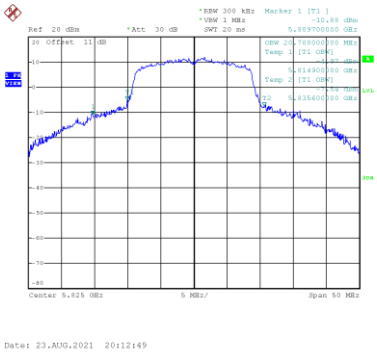
CH165



99 % Occupied Bandwidth



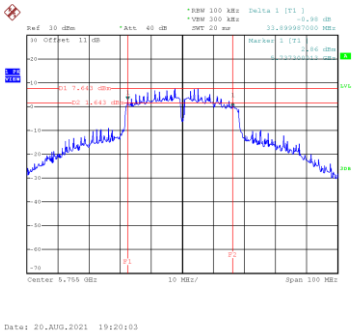




Test Mode	UNII-3_TX N(HT40) Mode

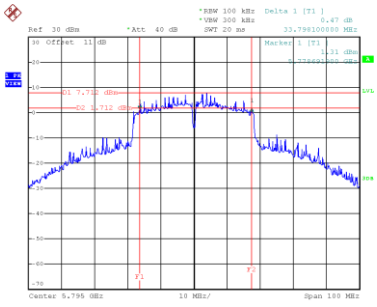
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
151	5755	33.900	53.400	0.5	Complies
159	5795	33.798	53.200	0.5	Complies

CH151

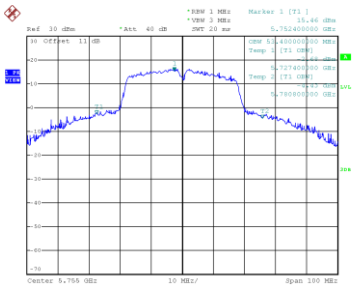


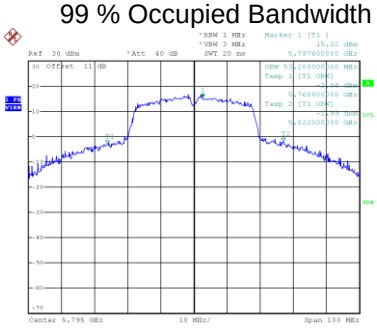
CH159

6 dB Bandwidth



99 % Occupied Bandwidth



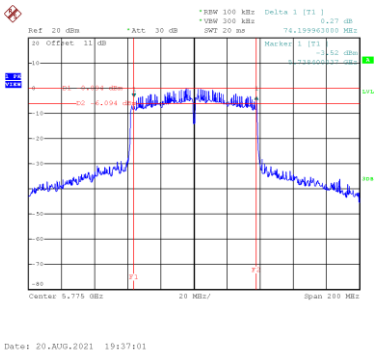


Test Mode	UNII-3_TX AC(VHT80) Mode

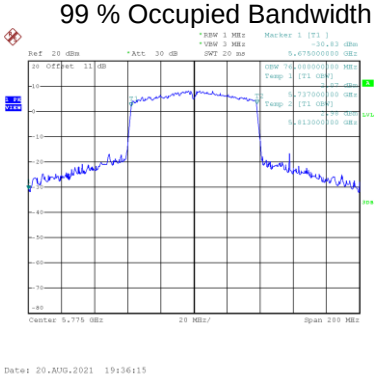
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
155	5775	74.200	76.000	0.5	Complies

CH155

6 dB Bandwidth



99 % Occupied Bandwidth



APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	UNII-1_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	16.81	0.17	16.98	30.00	1.0000	Complies
40	5200	21.93	0.17	22.10	30.00	1.0000	Complies
48	5240	21.11	0.17	21.28	30.00	1.0000	Complies

Test Mode	UNII-1_TX A Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	16.80	0.17	16.97	30.00	1.0000	Complies
40	5200	22.47	0.17	22.64	30.00	1.0000	Complies
48	5240	21.57	0.17	21.74	30.00	1.0000	Complies

Test Mode	UNII-1_TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.99	30.00	1.0000	Complies
40	5200	25.39	30.00	1.0000	Complies
48	5240	24.53	30.00	1.0000	Complies

Test Mode	UNII-1_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	16.13	0.19	16.32	30.00	1.0000	Complies
40	5200	21.06	0.19	21.25	30.00	1.0000	Complies
48	5240	20.34	0.19	20.53	30.00	1.0000	Complies

Test Mode	UNII-1_TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	16.11	0.19	16.30	30.00	1.0000	Complies
40	5200	20.96	0.19	21.15	30.00	1.0000	Complies
48	5240	20.43	0.19	20.62	30.00	1.0000	Complies

Test Mode	UNII-1_TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.32	30.00	1.0000	Complies
40	5200	24.21	30.00	1.0000	Complies
48	5240	23.59	30.00	1.0000	Complies

Test Mode	UNII-1_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	14.17	0.38	14.55	30.00	1.0000	Complies
46	5230	19.15	0.38	19.53	30.00	1.0000	Complies

Test Mode	UNII-1_TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	14.16	0.38	14.54	30.00	1.0000	Complies
46	5230	19.02	0.38	19.40	30.00	1.0000	Complies

Test Mode	UNII-1_TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	17.56	30.00	1.0000	Complies
46	5230	22.48	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	15.93	0.36	16.29	30.00	1.0000	Complies
40	5200	20.82	0.36	21.18	30.00	1.0000	Complies
48	5240	19.98	0.36	20.34	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	15.92	0.36	16.28	30.00	1.0000	Complies
40	5200	20.83	0.36	21.19	30.00	1.0000	Complies
48	5240	19.97	0.36	20.33	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.30	30.00	1.0000	Complies
40	5200	24.20	30.00	1.0000	Complies
48	5240	23.35	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.98	0.38	14.36	30.00	1.0000	Complies
46	5230	18.96	0.38	19.34	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.96	0.38	14.34	30.00	1.0000	Complies
46	5230	18.93	0.38	19.31	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT40) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	17.36	30.00	1.0000	Complies
46	5230	22.33	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	11.48	0.74	12.22	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	11.95	0.74	12.69	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	15.47	30.00	1.0000	Complies

Test Mode	UNII-3_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	19.84	0.17	20.01	30.00	1.0000	Complies
157	5785	20.70	0.17	20.87	30.00	1.0000	Complies
165	5825	21.04	0.17	21.21	30.00	1.0000	Complies

Test Mode	UNII-3_TX A Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	19.55	0.17	19.72	30.00	1.0000	Complies
157	5785	20.95	0.17	21.12	30.00	1.0000	Complies
165	5825	21.10	0.17	21.27	30.00	1.0000	Complies

Test Mode	UNII-3_TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	22.88	30.00	1.0000	Complies
157	5785	24.01	30.00	1.0000	Complies
165	5825	24.25	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.21	0.19	21.40	30.00	1.0000	Complies
157	5785	20.59	0.19	20.78	30.00	1.0000	Complies
165	5825	20.85	0.19	21.04	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.26	0.19	21.45	30.00	1.0000	Complies
157	5785	19.41	0.19	19.60	30.00	1.0000	Complies
165	5825	21.79	0.19	21.98	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.44	30.00	1.0000	Complies
157	5785	23.24	30.00	1.0000	Complies
165	5825	24.55	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	21.33	0.38	21.71	30.00	1.0000	Complies
159	5795	21.35	0.38	21.73	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.60	0.38	23.98	30.00	1.0000	Complies
159	5795	23.28	0.38	23.66	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	26.01	30.00	1.0000	Complies
159	5795	25.81	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	20.98	0.36	21.34	30.00	1.0000	Complies
157	5785	20.33	0.36	20.69	30.00	1.0000	Complies
165	5825	19.99	0.36	20.35	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	20.99	0.36	21.35	30.00	1.0000	Complies
157	5785	19.33	0.36	19.69	30.00	1.0000	Complies
165	5825	21.63	0.36	21.99	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.36	30.00	1.0000	Complies
157	5785	23.23	30.00	1.0000	Complies
165	5825	24.26	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	20.98	0.38	21.36	30.00	1.0000	Complies
159	5795	20.98	0.38	21.36	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.33	0.38	23.71	30.00	1.0000	Complies
159	5795	22.99	0.38	23.37	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT40) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	25.70	30.00	1.0000	Complies
159	5795	25.49	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	17.33	0.74	18.07	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	17.40	0.74	18.14	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT80) Mode_Total

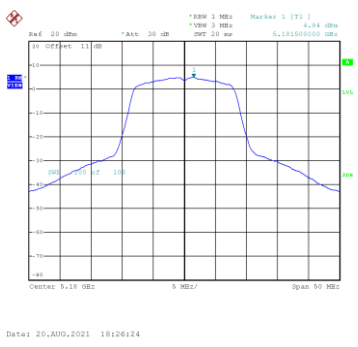
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	21.12	30.00	1.0000	Complies

APPENDIX G - POWER SPECTRAL DENSITY

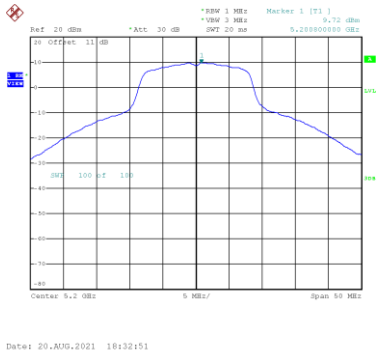
Test Mode	UNII-1_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	4.84	0.17	5.01	14.35	Complies
40	5200	9.72	0.17	9.89	14.35	Complies
48	5240	7.44	0.17	7.61	14.35	Complies

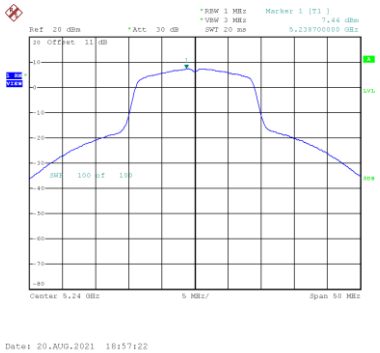
CH36



CH40



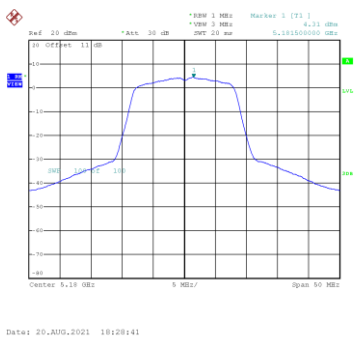
CH48



Test Mode	UNII-1_TX A Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	4.31	0.17	4.48	14.35	Complies
40	5200	9.28	0.17	9.45	14.35	Complies
48	5240	8.47	0.17	8.64	14.35	Complies

CH36



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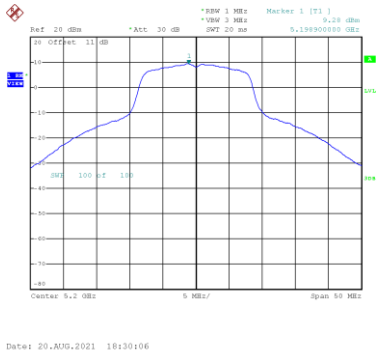

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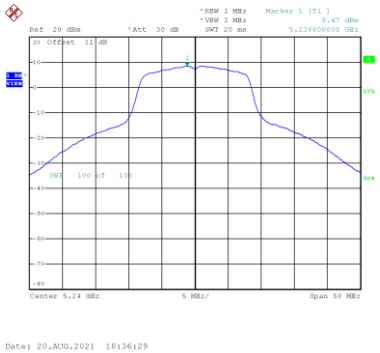


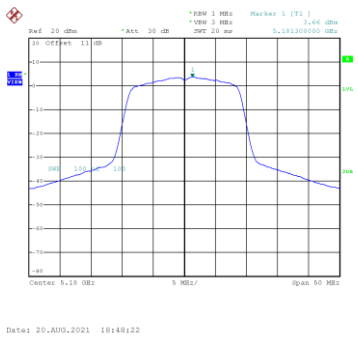
Test Mode	UNII-1_TX A Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	7.76	14.35	Complies
40	5200	12.69	14.35	Complies
48	5240	11.17	14.35	Complies

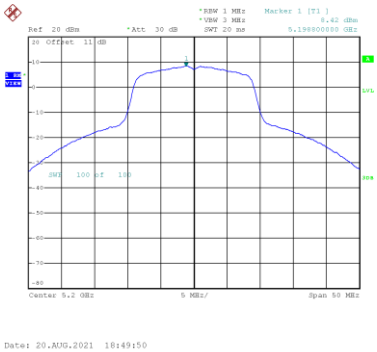
Test Mode	UNII-1_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	3.66	0.19	3.85	14.35	Complies
40	5200	8.42	0.19	8.61	14.35	Complies
48	5240	7.05	0.19	7.24	14.35	Complies

CH36



CH40



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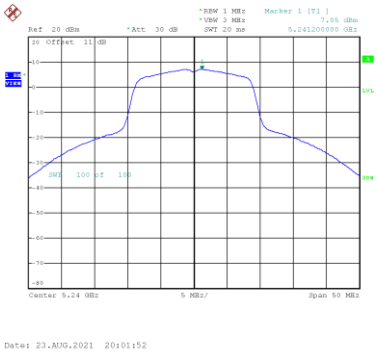
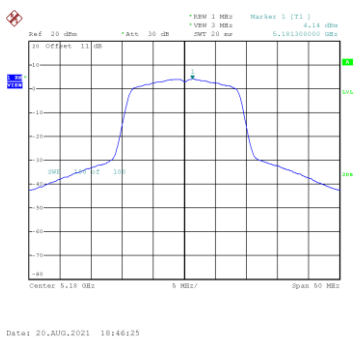


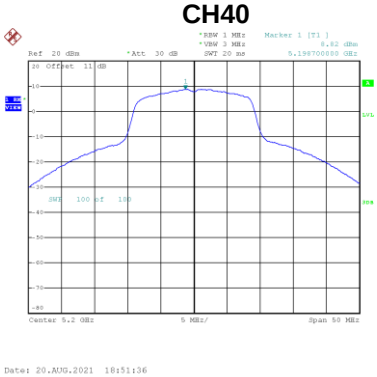
Test Mode	UNII-1_TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	4.14	0.19	4.33	14.35	Complies
40	5200	8.82	0.19	9.01	14.35	Complies
48	5240	7.75	0.19	7.94	14.35	Complies

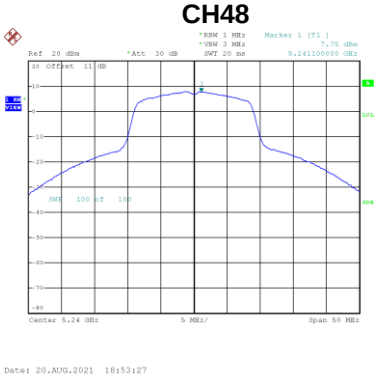
CH36



CH40



CH48



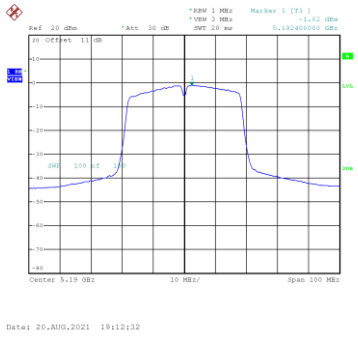
Test Mode	UNII-1_TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	7.11	14.35	Complies
40	5200	11.82	14.35	Complies
48	5240	10.61	14.35	Complies

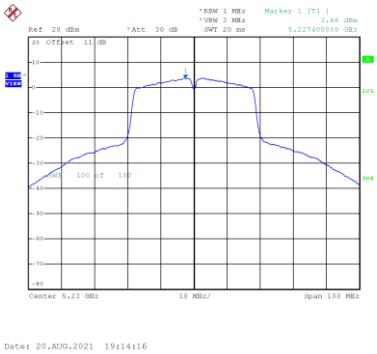
Test Mode	UNII-1_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-1.02	0.38	-0.64	14.35	Complies
46	5230	3.66	0.38	4.04	14.35	Complies

CH38



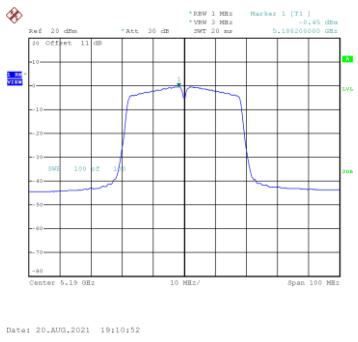
CH46



Test Mode	UNII-1_TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-0.45	0.38	-0.07	14.35	Complies
46	5230	4.44	0.38	4.82	14.35	Complies

CH38



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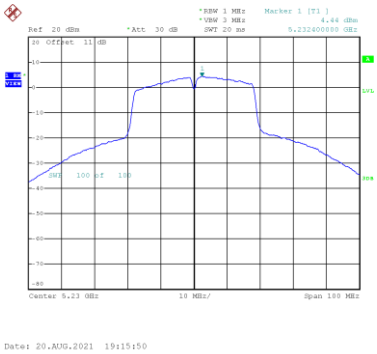


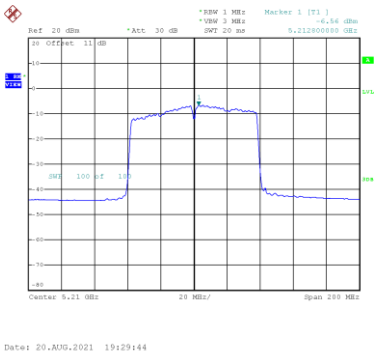
Test Mode	UNII-1_TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	2.66	14.35	Complies
46	5230	7.46	14.35	Complies

Test Mode	UNII-1_TX AC(VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-6.56	0.74	-5.82	14.35	Complies

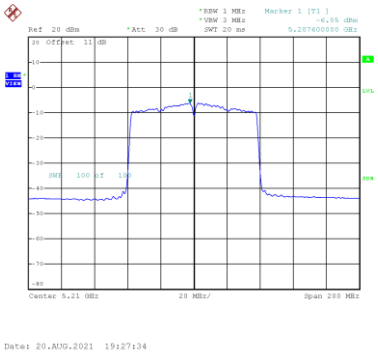
CH42



Test Mode	UNII-1_TX AC(VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-6.05	0.74	-5.31	14.35	Complies

CH42



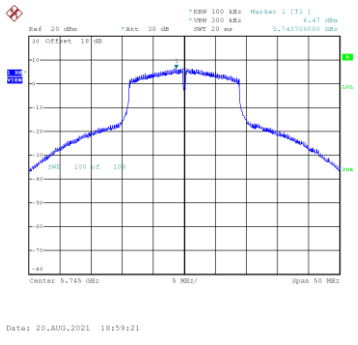
Test Mode	UNII-1_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-2.55	14.35	Complies

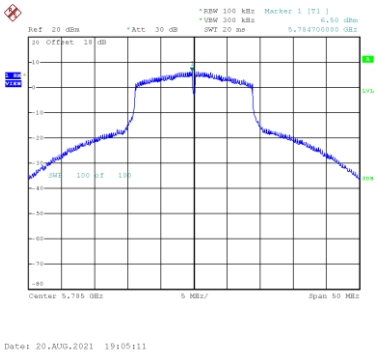
Test Mode	UNII-3_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	6.47	0.17	6.64	27.35	Complies
157	5785	6.50	0.17	6.67	27.35	Complies
165	5825	6.38	0.17	6.55	27.35	Complies

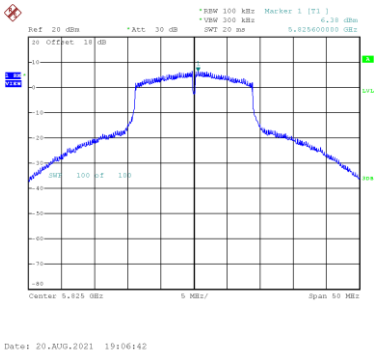
CH149



CH157



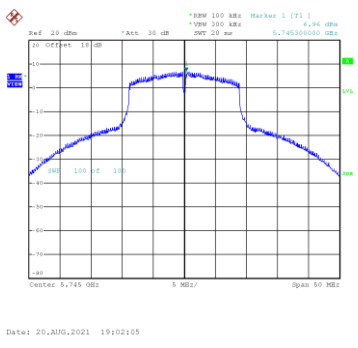
CH165



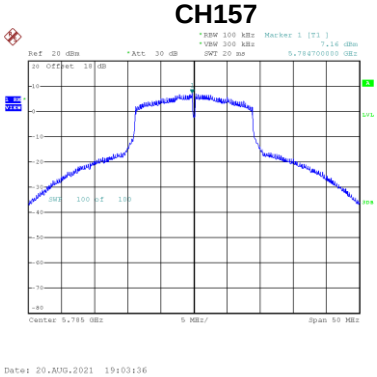
Test Mode	UNII-3_TX A Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	6.96	0.17	7.13	27.35	Complies
157	5785	7.16	0.17	7.33	27.35	Complies
165	5825	7.14	0.17	7.31	27.35	Complies

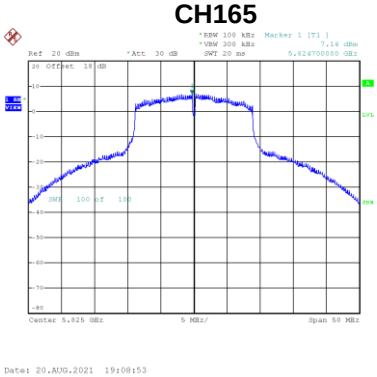
CH149



CH157



CH165



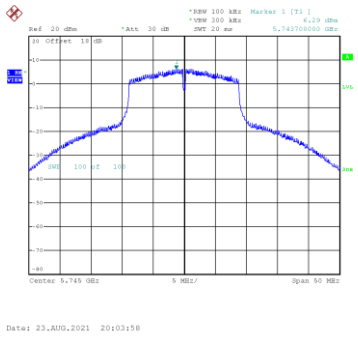
Test Mode	UNII-3_TX A Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.90	27.35	Complies
157	5785	10.02	27.35	Complies
165	5825	9.96	27.35	Complies

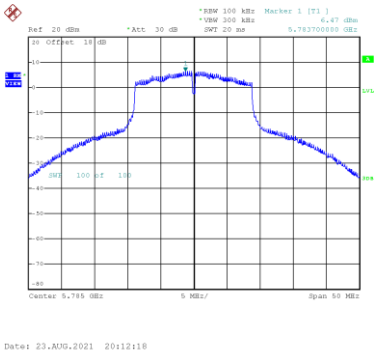
Test Mode	UNII-3_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	6.29	0.19	6.48	27.35	Complies
157	5785	6.47	0.19	6.66	27.35	Complies
165	5825	6.42	0.19	6.61	27.35	Complies

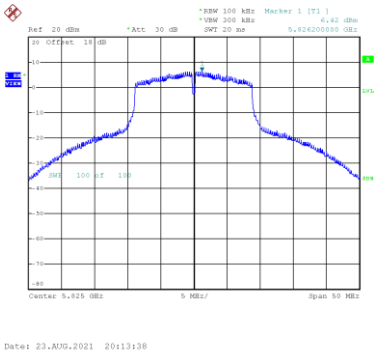
CH149



CH157



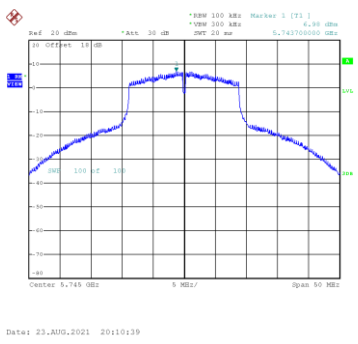
CH165



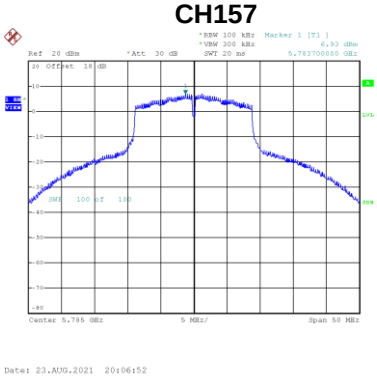
Test Mode	UNII-3_TX N(HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	6.98	0.19	7.17	27.35	Complies
157	5785	6.93	0.19	7.12	27.35	Complies
165	5825	7.07	0.19	7.26	27.35	Complies

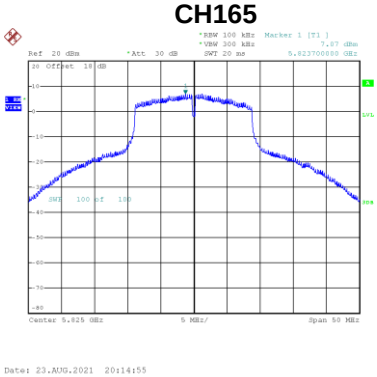
CH149



CH157



CH165



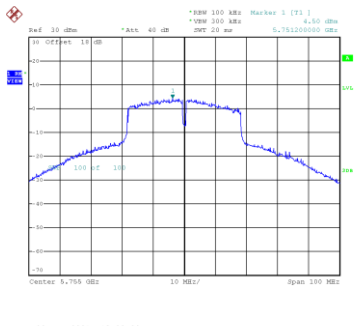
Test Mode	UNII-3_TX N(HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.85	27.35	Complies
157	5785	9.91	27.35	Complies
165	5825	9.96	27.35	Complies

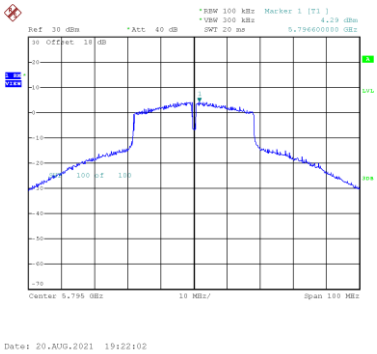
Test Mode	UNII-3_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	4.50	0.38	4.88	27.35	Complies
159	5795	4.29	0.38	4.67	27.35	Complies

CH151



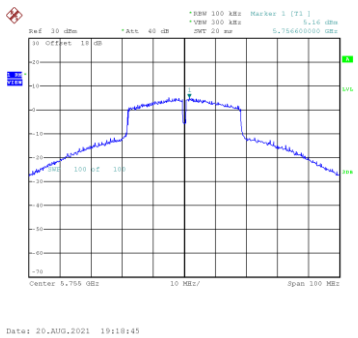
CH159



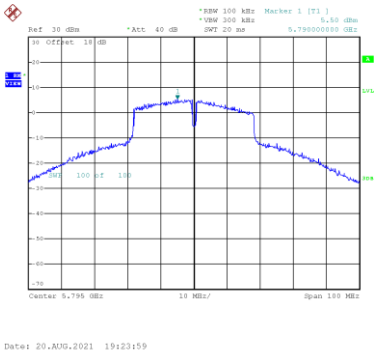
Test Mode	UNII-3_TX N(HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	5.16	0.38	5.54	27.35	Complies
159	5795	5.50	0.38	5.88	27.35	Complies

CH151



CH159



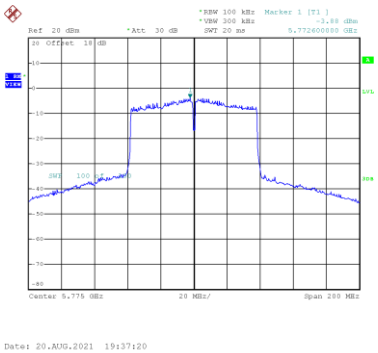
Test Mode	UNII-3_TX N(HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	8.23	27.35	Complies
159	5795	8.33	27.35	Complies

Test Mode	UNII-3_TX AC(VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-3.88	0.74	-3.14	27.35	Complies

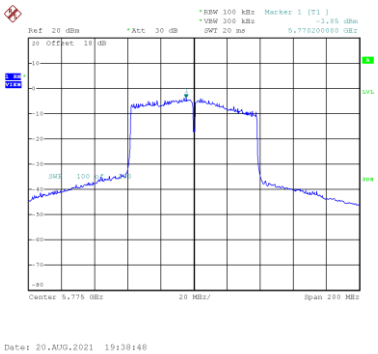
CH155



Test Mode	UNII-3_TX AC(VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-3.85	0.74	-3.11	27.35	Complies

CH155



Test Mode	UNII-3_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-0.11	27.35	Complies

End of Test Report