TESTING
NVLAP LAB CODE 600354-0

FCC Radio Test Report

FCC ID: 2AIMRRD23

This report concerns: Original Grant

Project No.	:	2311C059
Equipment	:	Xiaomi Router AX3000T
Brand Name	:	Xiaomi
Test Model	:	RD23
Series Model	:	N/A
Applicant	:	Beijing Xiaomi Electronics Co., Ltd.
Address	:	#802, 8th Floor, Building 5, No. 15 10th Kechuang Street, Beijing Economic-Technological Development Area, Beijing, China, 100176
Manufacturer	:	Beijing Xiaomi Electronics Co., Ltd.
Address	:	#802, 8th Floor, Building 5, No. 15 10th Kechuang Street, Beijing Economic-Technological Development Area, Beijing, China, 100176
Factory	:	Shenzhen MTC Digital Technology Co., Ltd
Address	:	2F Building 3,6F,2F, Building 2, MTC Industry Park, Xialilang community, Nanwan street, Longgang district, Shenzhen, China
Date of Receipt	:	Dec. 05, 2023
Date of Test	:	Dec. 06, 2023 ~ Feb. 27, 2024
Issued Date	:	Mar. 29, 2024
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG2023120583 for conducted emissions, radiated emissions below 1GHz, DG202401088 for radiated emissions above 1GHz, DG2023120582 for output power, DG20231228117 for other conducted.
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart E

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

Prepared by : Evan Yang

Approved by : Welly Zhou

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Declaration

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

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

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BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

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

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

Limitation

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

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2311C059	R00	Original Report.	Mar. 29, 2024	Valid

1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:
ANSI C63.10-2013
The following reference test guidance is not within the scope of accreditation of NVLAP:
KDB 789033 D02 General UNII Test Procedures New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

2. 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	------
15.407(g)	Frequency Stability	APPENDIX H	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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:
For other conducted items:
Room 108, Building 2, No. 1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong 523000.
BTL's Registration Number for FCC: 568794
BTL's Designation Number for FCC: CN5041

For conducted emissions, radiated emissions, output power and power spectral density (UNII-1& UNII-2A& UNII-2C) items:
No. 3 Jinshagang 1st Rd. Shixia, Dalang Town, Dongguan City, Guangdong 523792.
BTL's Registration Number for FCC: 162128
BTL's Designation Number for FCC: CN5042

2.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))
The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.88

B. Radiated emissions test:

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

Test Site	Method	Measurement Frequency Range	Ant. H / V	*U*,(dB)
DG-CB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.40
		30MHz ~ 200MHz	H	3.62
		200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	H	3.98

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	4.08
		6GHz ~ 18GHz	4.62

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.36
		26.5 ~ 40 GHz	3.58

C. Other Measurement test:

Test Item	Uncertainty
Bandwidth	0.90 %
Maximum Output Power	1.3 dB
Power Spectral Density	1.4 dB
Frequency Stability	2.7 ppm
Temperature	0.8 °C
Humidity	2.2 %

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

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	24°C	50%	AC 120V/60Hz	Hayden Chen
Radiated Emissions-9kHz to 30MHz	22°C	48%	AC 120V/60Hz	Hayden Chen
Radiated Emissions-30MHz to 1000MHz	23°C	47%	AC 120V/60Hz	Max Wang
Radiated Emissions-Above 1000 MHz	24°C	42-51%	AC 120V/60Hz	Berton Luo
Bandwidth	23°C	59%	DC 12V	Tember Zhuang
Maximum Output Power	22°C	53%	DC 12V	Oliver Wang
Power Spectral Density	21-25°C	49-55%	DC 12V	Parker Yang Tember Zhuang
Frequency Stability	Normal & Extreme	59%	Normal & Extreme	Tember Zhuang

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Xiaomi Router AX3000T
Brand Name	Xiaomi
Test Model	RD23
Series Model	N/A
Model Difference(s)	N/A
Hardware Version	R0106
Software Version	1.0.10
Power Source	DC voltage supplied from AC adapter. Model: AD-0121200100US-5
Power Rating	I/P: 100-240V~ 50/60Hz 0.5A O/P: 12V ⎓ 1A
Operation Frequency Band(s)	UNII-1: 5150 MHz ~ 5250 MHz UNII-2A: 5250 MHz ~ 5350 MHz UNII-2C: 5470 MHz ~ 5725 MHz UNII-3: 5725 MHz ~ 5850 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 450 Mbps IEEE 802.11ac: up to 2600 Mbps IEEE 802.11ax: up to 3603 Mbps
Maximum Output Power _UNII-1	IEEE 802.11ac(VHT20): 26.05 dBm (0.4027 W)
Maximum Output Power _UNII-2A	IEEE 802.11n(HT40): 22.68 dBm (0.1854 W)
Maximum Output Power _UNII-2C	IEEE 802.11ax(HE80): 23.38 dBm (0.2178 W)
Maximum Output Power _UNII-3	IEEE 802.11ax(HE40): 28.30 dBm (0.6761 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 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
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 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
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				

IEEE 802.11ac(VHT160) IEEE 802.11ax(HE160)	
Channel	Frequency (MHz)
50	5250
114	5570

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	South star	3.N102.1053	Dipole	N/A	5.19
2	South star	3.N102.1052	Dipole	N/A	6.41
3	South star	3.N102.1051	Dipole	N/A	5.93

Note:
This EUT supports SISO / CDD, and all antenna gains are not equal, Directional gain = G_{ANT}+Array Gain.
For power measurements, Array Gain=0dB (N_{ANT}≤4), so the Directional gain=6.41. Then, the UNII-1, UNII-3 power limit is 30-(6.41-6)=29.59, the UNII-2A, UNII-2C power limit is 23.98-(6.41-6)=23.57.
For power spectral density measurements, N_{ANT}=3, N_{SS} = 1.
So the Directional gain=G_{ANT}+Array Gain=G_{ANT}+10log(N_{ANT}/ N_{SS})dBi=6.41+10log(3/1)dBi=11.18.
Then, the UNII-1 power spectral density limit is 17-(11.18-6)=11.82, the UNII-2A, UNII-2C power spectral density limit is 11-(11.18-6)=5.82, the UNII-3 power spectral density limit is 30-(11.18-6)=24.82.

4. Table for Antenna Configuration:

Operating Mode / TX Mode	1TX	2TX
IEEE 802.11a	V (Ant. 1)	-
IEEE 802.11n(HT20)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11n(HT40)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac(VHT20)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac(VHT40)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac(VHT80)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac(VHT160)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ax(HE20)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ax(HE40)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ax(HE80)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ax(HE160)	-	V (Ant. 1 + Ant. 2 + Ant. 3)

3.2 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 AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 8	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 9	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 10	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 11	TX N(HT20) Mode Channel 52/60/64 (UNII-2A)
Mode 12	TX N(HT40) Mode Channel 54/62 (UNII-2A)
Mode 13	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 14	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 15	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 16	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 17	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 18	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 19	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 20	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 21	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 22	TX N(HT20) Mode Channel 100/116/140 (UNII-2C)
Mode 23	TX N(HT40) Mode Channel 102/110/134 (UNII-2C)
Mode 24	TX AC(VHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 25	TX AC(VHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 26	TX AC(VHT80) Mode Channel 106/122 (UNII-2C)
Mode 27	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 28	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 29	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 30	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 31	TX AX(HE160) Mode Channel 114 (UNII-2C)

Pretest Mode	Description
Mode 32	TX A Mode Channel 149/157/165 (UNII-3)
Mode 33	TX N(HT20) Mode Channel 149/157/165 (UNII-3)
Mode 34	TX N(HT40) Mode Channel 151/159 (UNII-3)
Mode 35	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 36	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 37	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 38	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 41	TX AX(HE40) Mode Channel 159 (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 41	TX AX(HE40) Mode Channel 159 (UNII-3)

Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 41	TX AX(HE40) Mode Channel 159 (UNII-3)

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (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 AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 8	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 9	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 10	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 14	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 15	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 16	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 17	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 18	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 19	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 20	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 21	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 24	TX AC(VHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 25	TX AC(VHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 26	TX AC(VHT80) Mode Channel 106/122 (UNII-2C)
Mode 27	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 28	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 29	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 30	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 31	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 32	TX A Mode Channel 149/157/165 (UNII-3)
Mode 35	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 36	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 37	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 38	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AX(HE80) Mode Channel 155 (UNII-3)

Maximum Output Power 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 AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 8	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 9	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 10	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 11	TX N(HT20) Mode Channel 52/60/64 (UNII-2A)
Mode 12	TX N(HT40) Mode Channel 54/62 (UNII-2A)
Mode 13	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 14	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 15	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 16	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 17	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 18	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 19	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)

Maximum Output Power Test	
Final Test Mode	Description
Mode 20	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 21	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 22	TX N(HT20) Mode Channel 100/116/140 (UNII-2C)
Mode 23	TX N(HT40) Mode Channel 102/110/134 (UNII-2C)
Mode 24	TX AC(VHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 25	TX AC(VHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 26	TX AC(VHT80) Mode Channel 106/122 (UNII-2C)
Mode 27	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 28	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 29	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 30	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 31	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 32	TX A Mode Channel 149/157/165 (UNII-3)
Mode 33	TX N(HT20) Mode Channel 149/157/165 (UNII-3)
Mode 34	TX N(HT40) Mode Channel 151/159 (UNII-3)
Mode 35	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 36	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 37	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 38	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AX(HE80) Mode Channel 155 (UNII-3)

Other Conducted Test	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (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 AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 8	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 9	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 10	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 14	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 15	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 16	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 17	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 18	TX AX(HE80) Mode Channel 58 (UNII-2A)

Other Conducted Test	
Final Test Mode	Description
Mode 19	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 20	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 21	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 24	TX AC(VHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 25	TX AC(VHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 26	TX AC(VHT80) Mode Channel 106/122 (UNII-2C)
Mode 27	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 28	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 29	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 30	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 31	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 32	TX A Mode Channel 149/157/165 (UNII-3)
Mode 35	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 36	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 37	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 38	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AX(HE80) Mode Channel 155 (UNII-3)

Note:
(1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX AX(HE40) Mode Channel 159 (UNII-3) is found to be the worst case and recorded.
(2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
(3) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(4) The measurements for Output Power are tested, the worst case are IEEE 802.11a mode, IEEE 802.11ac(VHT20) mode, IEEE 802.11ac(VHT40) mode, IEEE 802.11ac(VHT80) mode, IEEE 802.11ac(VHT160) mode, IEEE 802.11ax(HE20) mode, IEEE 802.11ax(HE40) mode, IEEE 802.11ax(HE80) mode and IEEE 802.11ax(HE160) mode, only the worst cases are documented for other test items.
(5) For radiated emission above 1 GHz test, the polarization of Vertical and Hoizontal are evaluated, the worst case is Vertical and recorded.
(6) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.

3.3 PARAMETERS OF TEST SOFTWARE

UNII-1			
Test Software Version	QATool_UIv2.78		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	20	20	20
IEEE 802.11n(HT20)	16.5	17.5	17.5
IEEE 802.11ac(VHT20)	17	18	18
IEEE 802.11ax(HE20)	16.5	18	18
Frequency (MHz)	5190	5230	
IEEE 802.11n(HT40)	11	13.5	
IEEE 802.11ac(VHT40)	11.5	14	
IEEE 802.11ax(HE40)	11.5	14	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	9.5		
IEEE 802.11ax(HE80)	8.5		

UNII-2A			
Test Software Version	QATool_UIv2.78		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	16.5	17	17
IEEE 802.11n(HT20)	11.5	11.5	12
IEEE 802.11ac(VHT20)	12	12	12.5
IEEE 802.11ax(HE20)	12	12.5	12.5
Frequency (MHz)	5270	5310	
IEEE 802.11n(HT40)	14.5	13	
IEEE 802.11ac(VHT40)	14	13.5	
IEEE 802.11ax(HE40)	14	13.5	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	9.5		
IEEE 802.11ax(HE80)	8.5		

UNII-1+UNII-2A	
Test Software Version	QATool_UIv2.78
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	9.5
IEEE 802.11ax(HE160)	11

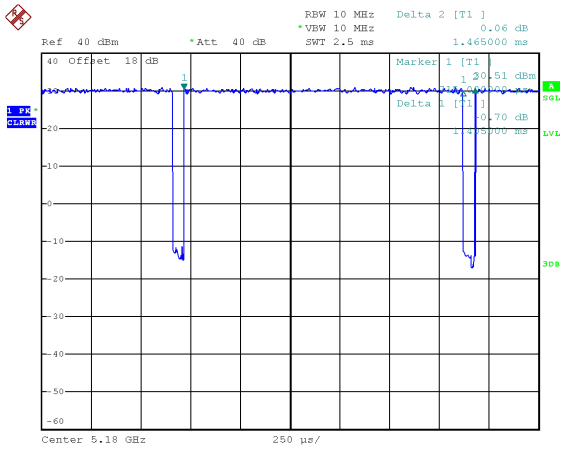
UNII-2C			
Test Software Version	QATool_UIv2.78		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	17.5	17	17
IEEE 802.11n(HT20)	11.5	12	12
IEEE 802.11ac(VHT20)	12	12.5	12.5
IEEE 802.11ax(HE20)	13	12.5	12.5
Frequency (MHz)	5510	5550	5670
IEEE 802.11n(HT40)	14.5	14.5	14.5
IEEE 802.11ac(VHT40)	15	15	15
IEEE 802.11ax(HE40)	15	15	15
Frequency (MHz)	5530	5610	
IEEE 802.11ac(VHT80)	12.5	16	
IEEE 802.11ax(HE80)	12	16	
Frequency (MHz)	5570		
IEEE 802.11ac(VHT160)	11.5		
IEEE 802.11ax(HE160)	11		

UNII-3			
Test Software Version	QATool_UIv2.78		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	20	20	20
IEEE 802.11n(HT20)	17.5	18.5	18.5
IEEE 802.11ac(VHT20)	18	19	19
IEEE 802.11ax(HE20)	19	17	19
Frequency (MHz)	5755	5795	
IEEE 802.11n(HT40)	19.5	19.5	
IEEE 802.11ac(VHT40)	20	20	
IEEE 802.11ax(HE40)	20	20	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	17.5		
IEEE 802.11ax(HE80)	17		

3.4 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.

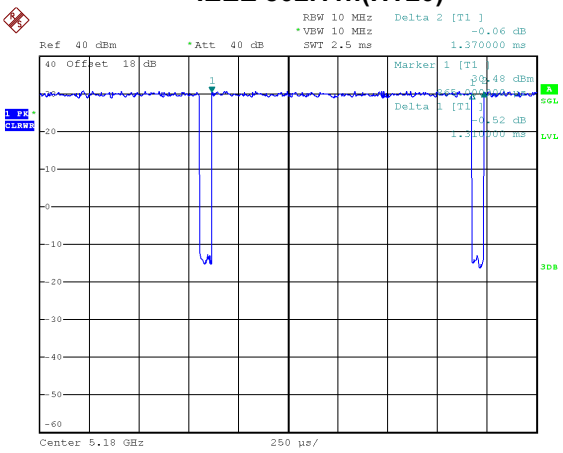
IEEE 802.11a



Date: 11.DEC.2023 15:09:33

Duty cycle = 1.405 ms / 1.465 ms = 95.90%
Duty Factor = 10 log(1 / Duty cycle) = 0.18

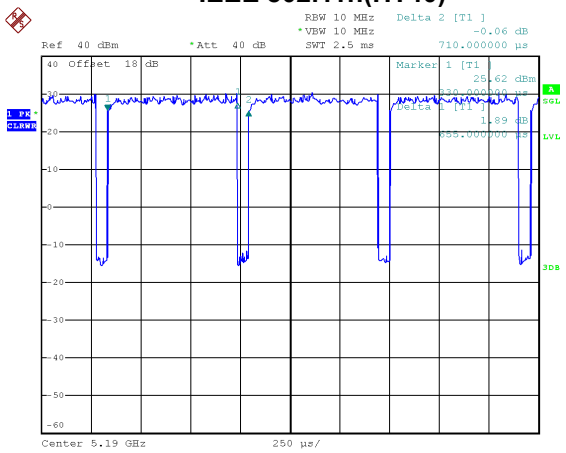
IEEE 802.11n(HT20)



Date: 11.DEC.2023 15:12:28

Duty cycle = 1.310 ms / 1.370 ms = 95.62%
Duty Factor = 10 log(1 / Duty cycle) = 0.19

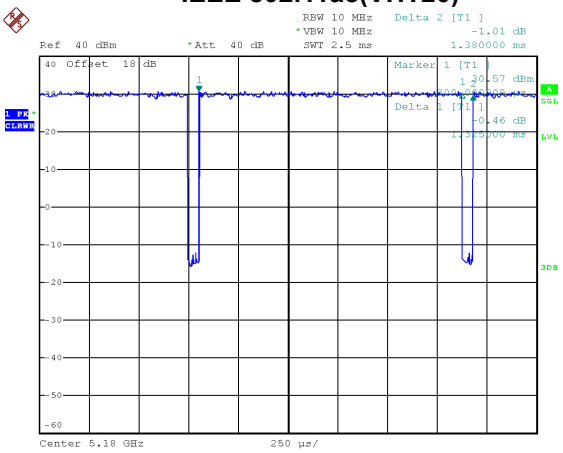
IEEE 802.11n(HT40)



Date: 11.DEC.2023 15:13:39

Duty cycle = 0.655 ms / 0.710 ms = 92.25%
Duty Factor = 10 log(1 / Duty cycle) = 0.35

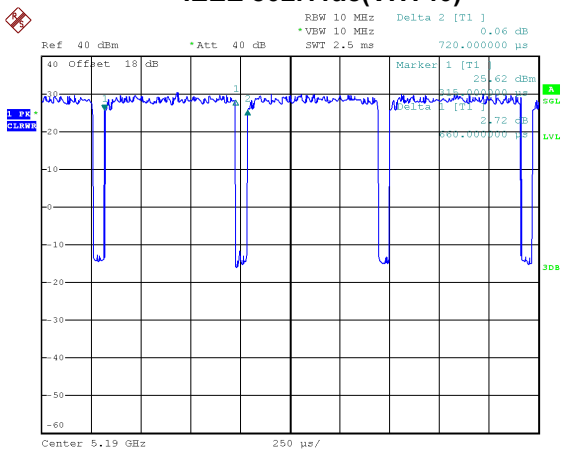
IEEE 802.11ac(VHT20)



Date: 11.DEC.2023 15:09:59

Duty cycle = 1.325 ms / 1.380 ms = 96.01%
Duty Factor = 10 log(1 / Duty cycle) = 0.18

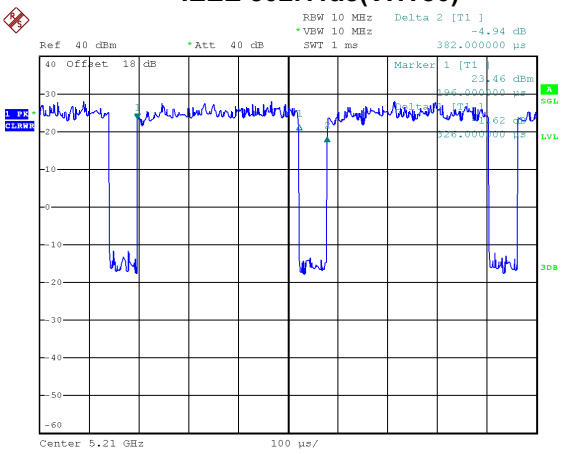
IEEE 802.11ac(VHT40)



Date: 11.DEC.2023 15:13:51

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

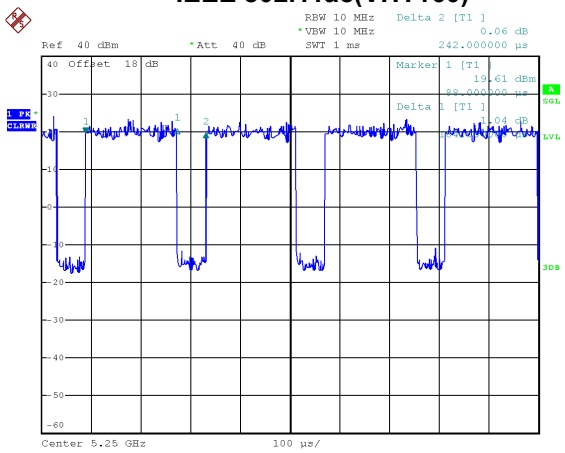
IEEE 802.11ac(VHT80)



Date: 11.DEC.2023 15:08:19

Duty cycle = 0.326 ms / 0.382 ms = 85.34%
Duty Factor = 10 log(1 / Duty cycle) = 0.69

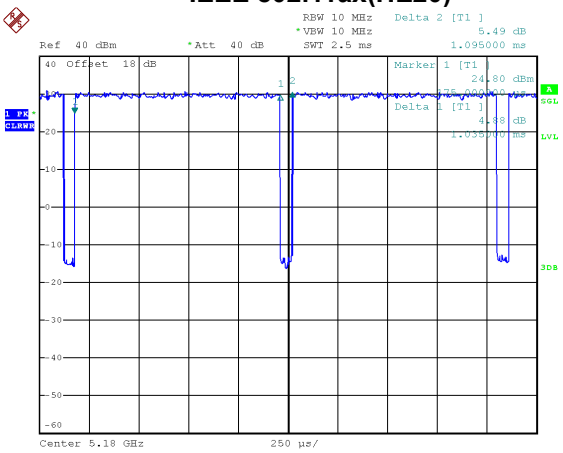
IEEE 802.11ac(VHT160)



Date: 11.DEC.2023 15:08:54

Duty cycle = 0.184 ms / 0.242 ms = 76.03%
Duty Factor = 10 log(1 / Duty cycle) = 1.19

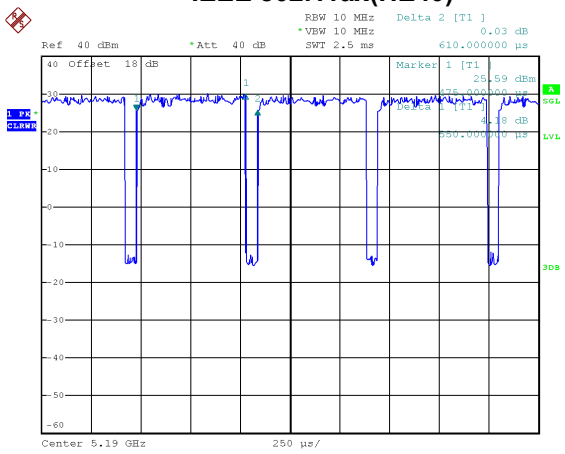
IEEE 802.11ax(HE20)



Date: 11.DEC.2023 15:18:17

Duty cycle = 1.035 ms / 1.095 ms = 94.52%
Duty Factor = 10 log(1 / Duty cycle) = 0.24

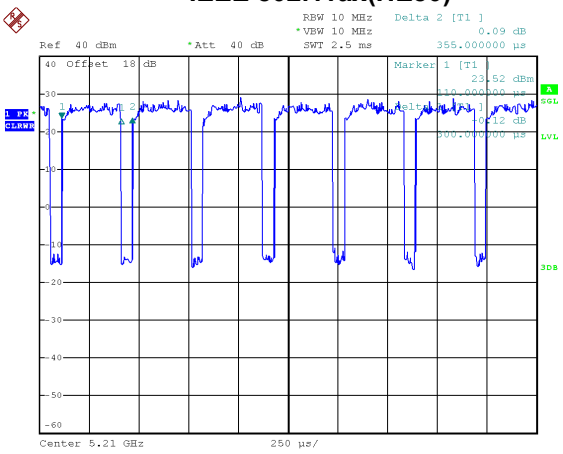
IEEE 802.11ax(HE40)



Date: 11.DEC.2023 15:11:59

Duty cycle = 0.550 ms / 0.610 ms = 90.16%
Duty Factor = 10 log(1 / Duty cycle) = 0.45

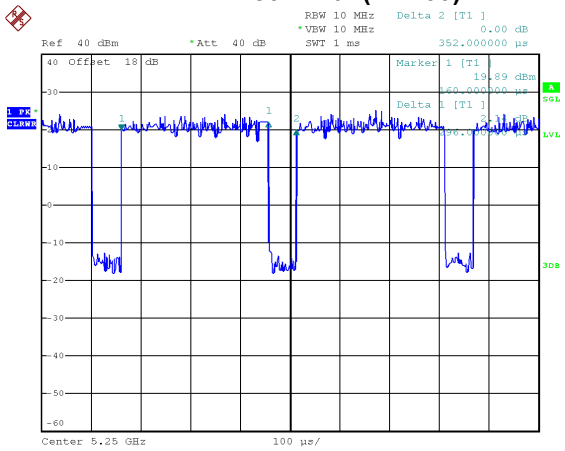
IEEE 802.11ax(HE80)



Date: 11.DEC.2023 15:08:31

Duty cycle = 0.300 ms / 0.355 ms = 84.51%
Duty Factor = 10 log(1 / Duty cycle) = 0.73

IEEE 802.11ax(HE160)



Date: 11.DEC.2023 15:09:08

Duty cycle = 0.296 ms / 0.352 ms = 84.09%
Duty Factor = 10 log(1 / Duty cycle) = 0.75

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 712 Hz (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 763 Hz (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 1527 Hz (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 755 Hz (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 1515 Hz (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 3067 kHz (Duty cycle < 98%).

For IEEE 802.11ac(VHT160):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 5435 Hz (Duty cycle < 98%).

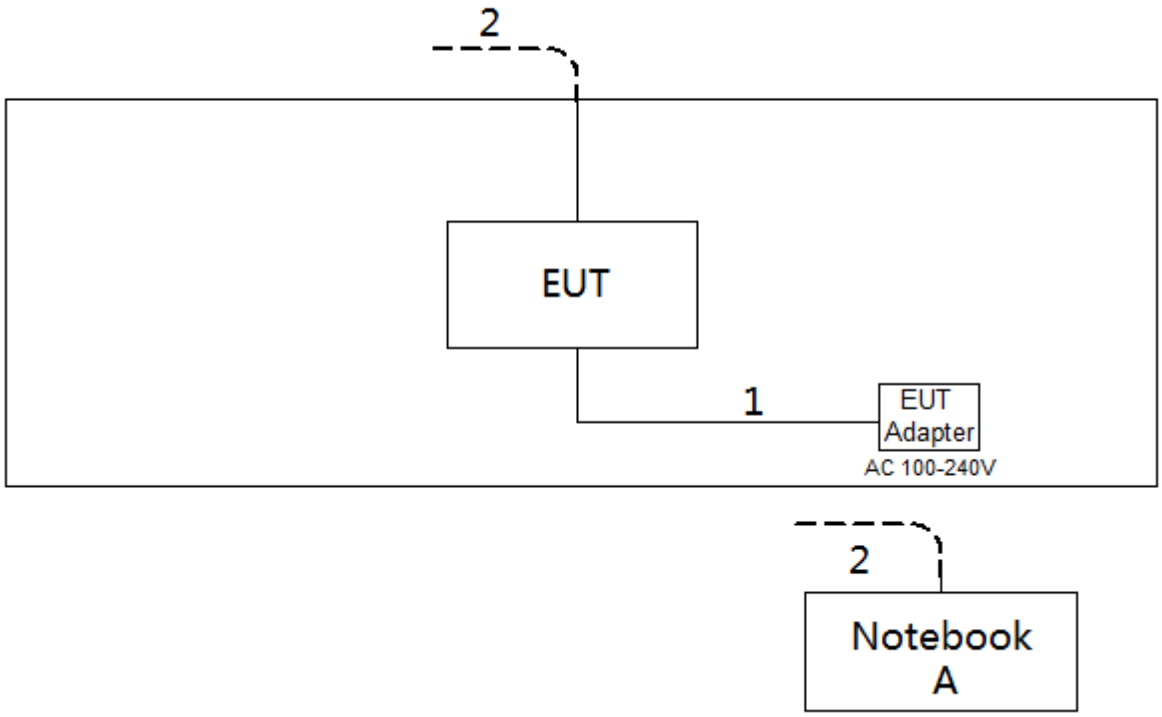
For IEEE 802.11ax(HE20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 966 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1818 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE80):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3333 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE160):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3378 Hz (Duty cycle < 98%).

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	HONOR	NBLK-WAX9X	N/A

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

3.7 CUSTOMER INFORMATION DESCRIPTION

1) The antenna gain is provided by the manufacturer.
2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. Part of the cable losses (1dB) are provided by the manufacturer, while the other parts of the cable losses are provided by the testing laboratory.

4. AC POWER LINE CONDUCTED EMISSIONS

4.1 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) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
Margin Level = Measurement Value - Limit Value

4.2 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.

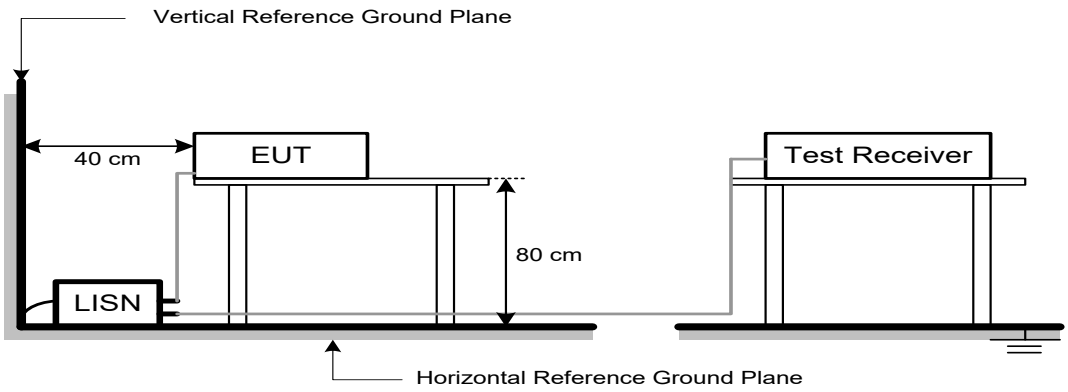
The following table is the setting of the receiver:

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

4.3 DEVIATION FROM TEST STANDARD

No deviation

4.4 TEST SETUP



4.5 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.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

5. RADIATED EMISSIONS

5.1 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
5250-5350	-27	68.2
5470-5725	-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.

5.2 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

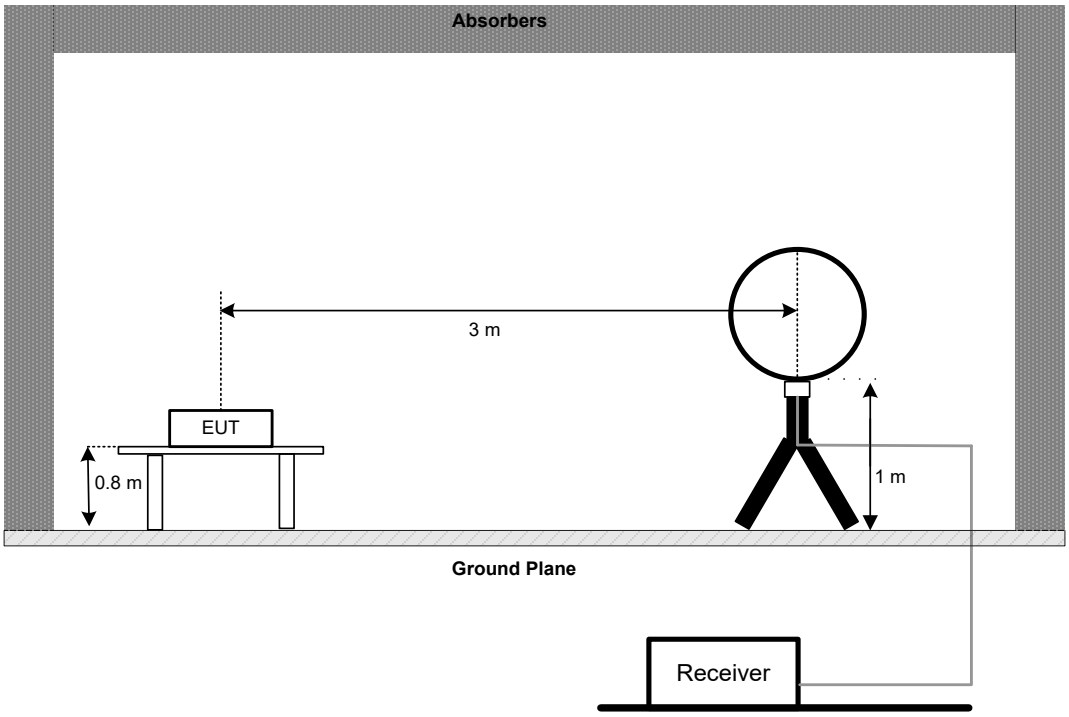
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

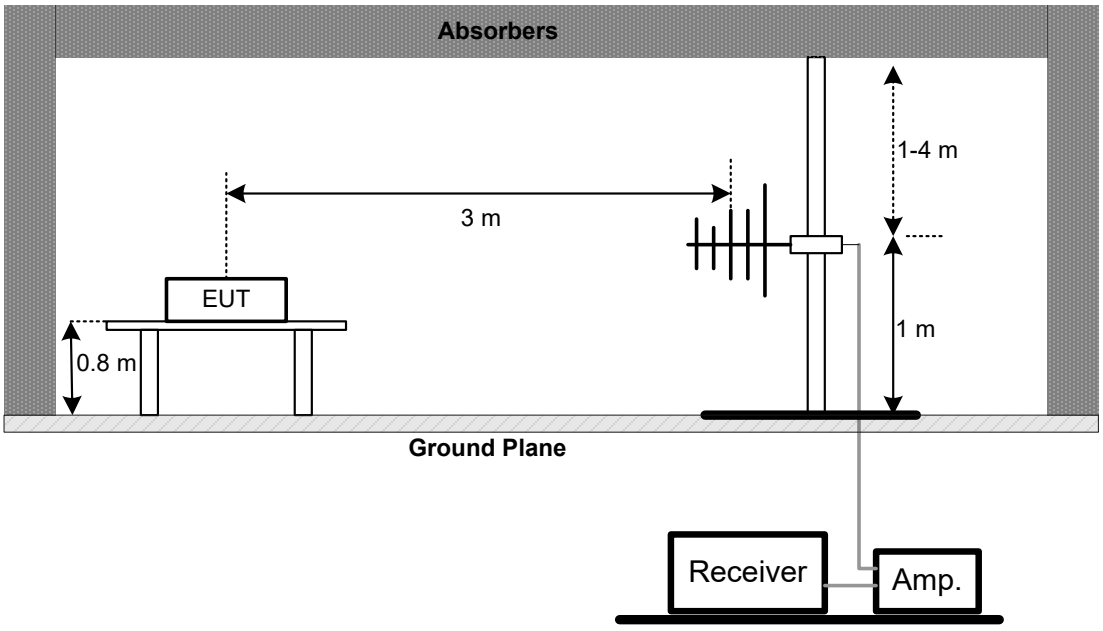
No deviation.

5.4 TEST SETUP

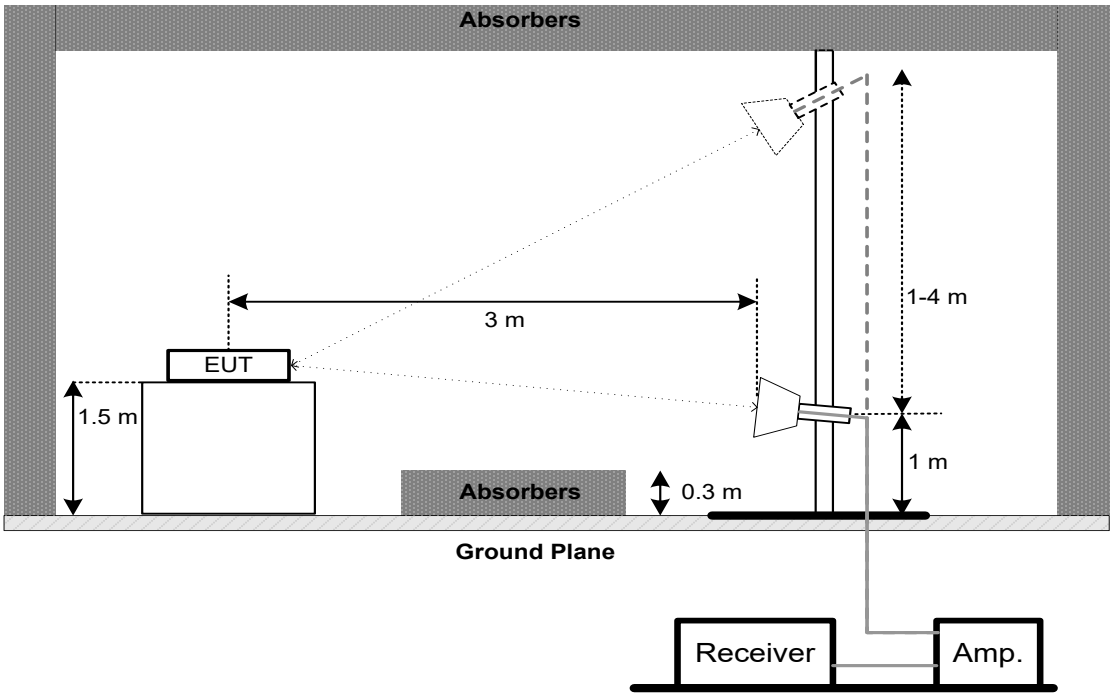
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



5.5 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.

5.6 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.

5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

5.8 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.

6. BANDWIDTH

6.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a) FCC 15.407(e)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
	26 dB Bandwidth	-	5470-5725
	6 dB Bandwidth	Minimum 500 kHz	5725-5850

6.2 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, UNII-2A, UNII-2C:

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

For 99% Occupied Bandwidth:

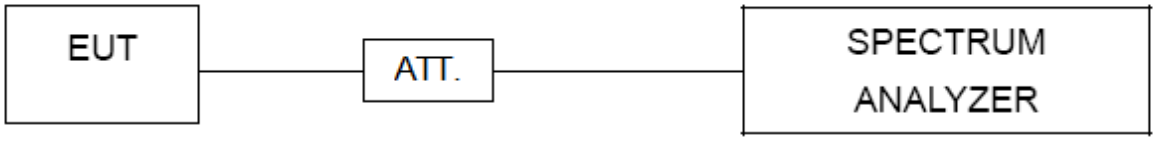
Spectrum Parameter	Setting
Span Frequency	1.5 times to 5 times the OBW
RBW	1% to 5% of the OBW
VBW	≥3*RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

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 E.

7. MAXIMUM OUTPUT POWER

7.1 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
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		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.

b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

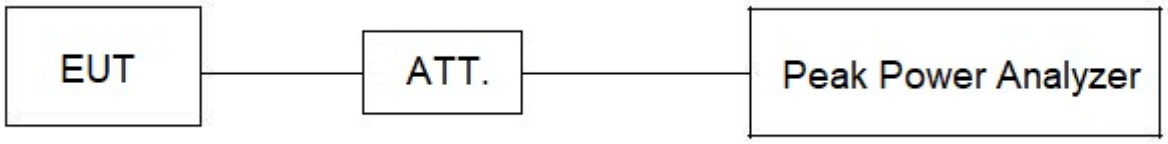
7.2 TEST PROCEDURE

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

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 F.

8. POWER SPECTRAL DENSITY

8.1 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
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

8.2 TEST PROCEDURE

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

b. Spectrum Setting:

For UNII-1, UNII-2A, UNII-2C:

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

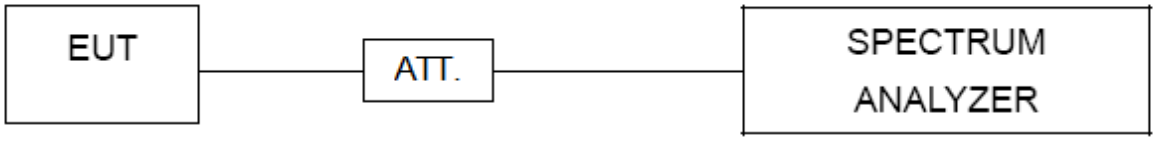
Note:

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 18 dB, and the final offset is 18 + 7 = 25 dB when RBW=100kHz is used.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX G.

9. FREQUENCY STABILITY

9.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(g)	Frequency Stability	An emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.	5150-5250
			5250-5350
			5470-5725
			5725-5850

9.2 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:

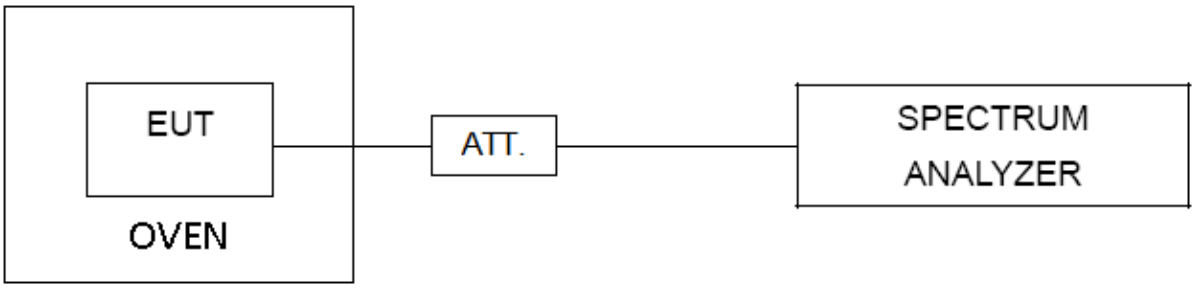
Spectrum Parameter	Setting
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
d. User manual temperature is 0°C~40°C.

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULTS

Please refer to the APPENDIX H.

10. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESR3	103027	Jun. 16, 2024
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Jan. 07, 2024
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M-001	9M	Nov. 27, 2024
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60B	1513-60 B-034	Apr. 01, 2024
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Jan. 07, 2024
3	Cable	N/A	RW2350-3.8A-NMBM-1.5 M	N/A	Jun. 10, 2024
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chamber room	ETS	9*6*6	N/A	Jul. 11, 2024

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1461	Nov. 28, 2024
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06010	Nov. 28, 2024
3	Preamplifier	EMC INSTRUMENT	EMC001330	980863	Nov. 17, 2024
4	Cable	RegalWay	LMR400-NMNM-12.5m	N/A	Jul. 04, 2024
5	Cable	RegalWay	LMR400-NMNM-3m	N/A	Jul. 04, 2024
6	Cable	RegalWay	LMR400-NMNM-0.5m	N/A	Jul. 04, 2024
7	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
8	Positioning Controller	MF	MF-7802	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	CM	9*6*6	N/A	May 17, 2024

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
2	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980888	Nov. 17, 2024
3	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	Jun. 16, 2024
4	Double Ridged Guide Antenna	ETS	3115	75789	May 31, 2024
5	Cable	RegalWay	A81-SMAMSMAM-12.5M	N/A	Aug. 08, 2024
6	Cable	RegalWay	RWLP50-4.0A-NMRASM -2.5M	N/A	Aug. 08, 2024
7	Cable	RegalWay	RWLP50-4.0A-NMRASM RA-0.8M	N/A	Aug. 08, 2024
8	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330-K	619413	Jul. 06, 2024
9	Cable	RegalWay	RWLP50-2.6A-2.92M2.9 2M-1.1M	N/A	Jul. 26, 2024
10	Cable	Tonscend	HF160-KMKM-3M	N/A	Jul. 26, 2024
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170(3m)	9170-319	Jun. 20, 2024
12	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
13	Filter	STI	BRC50704-01	N/A	Dec. 22, 2024
14	Filter	STI	BRC50704-01	N/A	Dec. 22, 2024
15	Filter	STI	BRC50704-01	N/A	Dec. 22, 2024
16	Positioning Controller	MF	MF-7802	N/A	N/A
17	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
18	966 Chamber room	CM	9*6*6	N/A	May 17, 2024

Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jun. 16, 2024
2	Attenuator	Talent Microwave	TA10A0-S-26.5	N/A	N/A
3	Attenuator	Talent Microwave	TA10A0-S-26.5	N/A	N/A
4	DC Block	N/A	N/A	N/A	N/A
5	Measurement Software	BTL	BTL Conducted Test	N/A	N/A

Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
UNII-1 & UNII-2A & UNII-2C					
1	Spectrum Analyzer	R&S	FSP40	100185	Jun. 16, 2024
2	Attenuator	Talent Microwave	TA10A0-S-26.5	N/A	N/A
3	Attenuator	Talent Microwave	TA10A0-S-26.5	N/A	N/A
4	DC Block	N/A	N/A	N/A	N/A
5	Measurement Software	BTL	BTL Conducted Test	N/A	N/A
UNII-3					
1	Spectrum Analyzer	R&S	FSP38	100852	Jun. 16, 2024
2	Attenuator	RegalWay	RWA-201-S-10	N/A	Sep. 26, 2024
3	Measurement Software	BTL	BTL Conducted Test	N/A	N/A

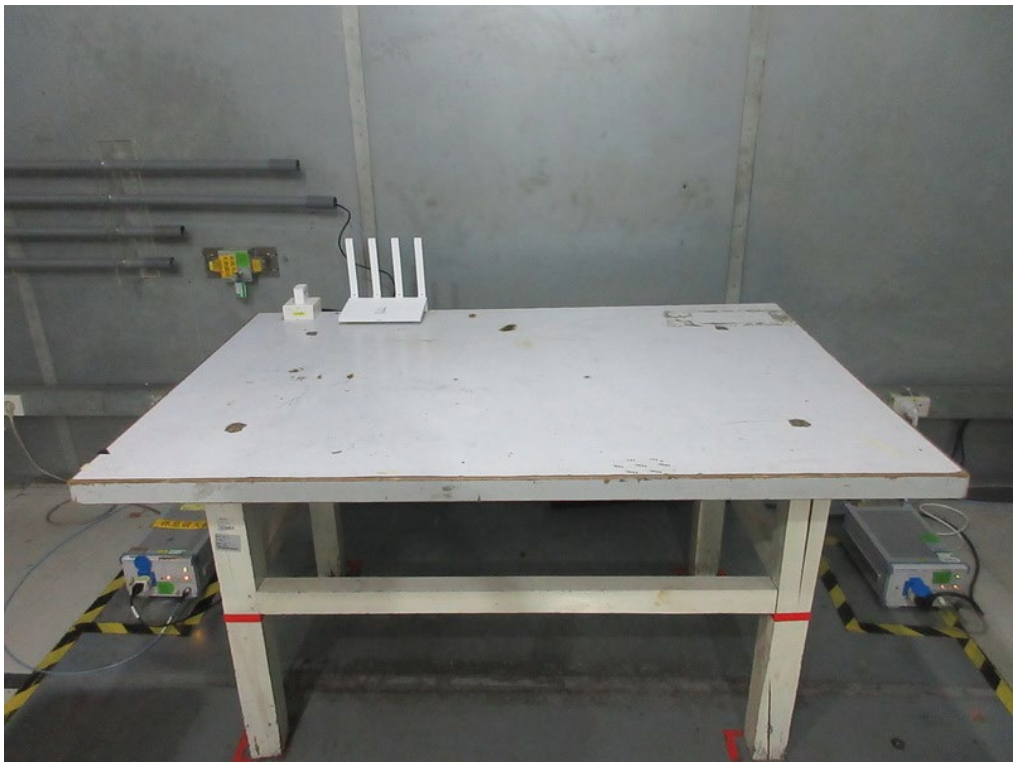
Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Jun. 17, 2024
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jun. 17, 2024
3	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A

Frequency Stability					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Temperature Chamber	ESPEC CORP	SU-242	93018736	Jul. 07, 2024
2	Spectrum Analyzer	R&S	FSP38	100852	Jun. 16, 2024
3	Attenuator	RegalWay	RWA-201-S-10	N/A	Sep. 26, 2024
4	Measurement Software	BTL	BTL Conducted Test	N/A	N/A
5	Cable	RegalWay	SMA-SMA-1M	NA	Aug. 15, 2024

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

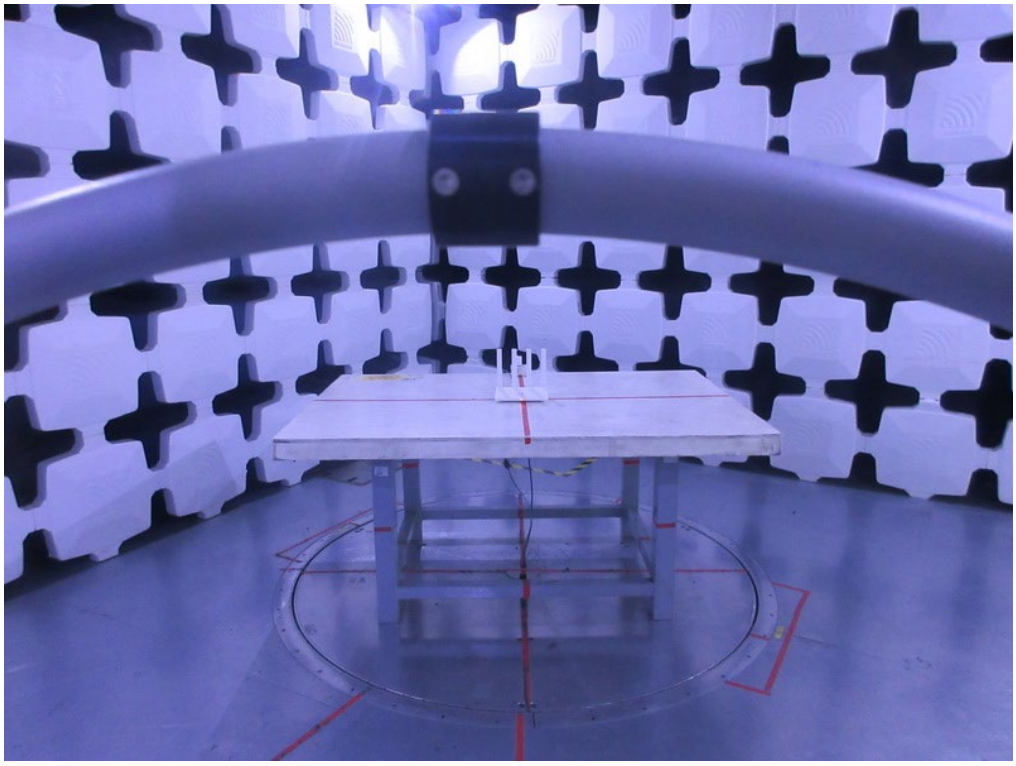
11. EUT TEST PHOTOS

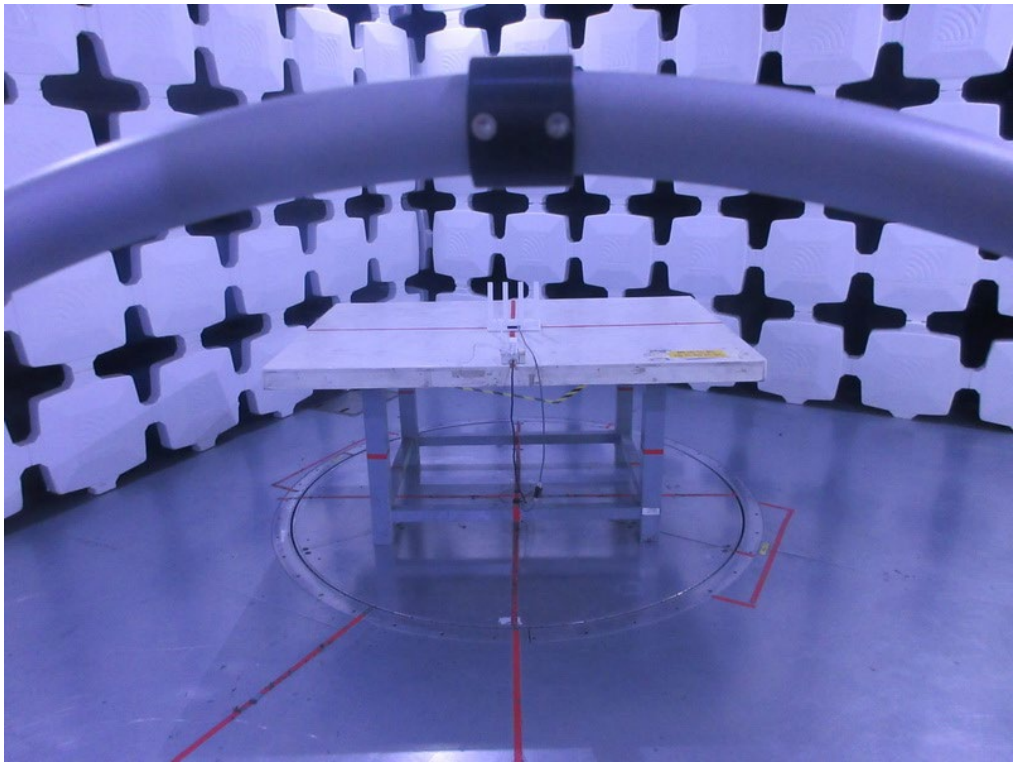
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

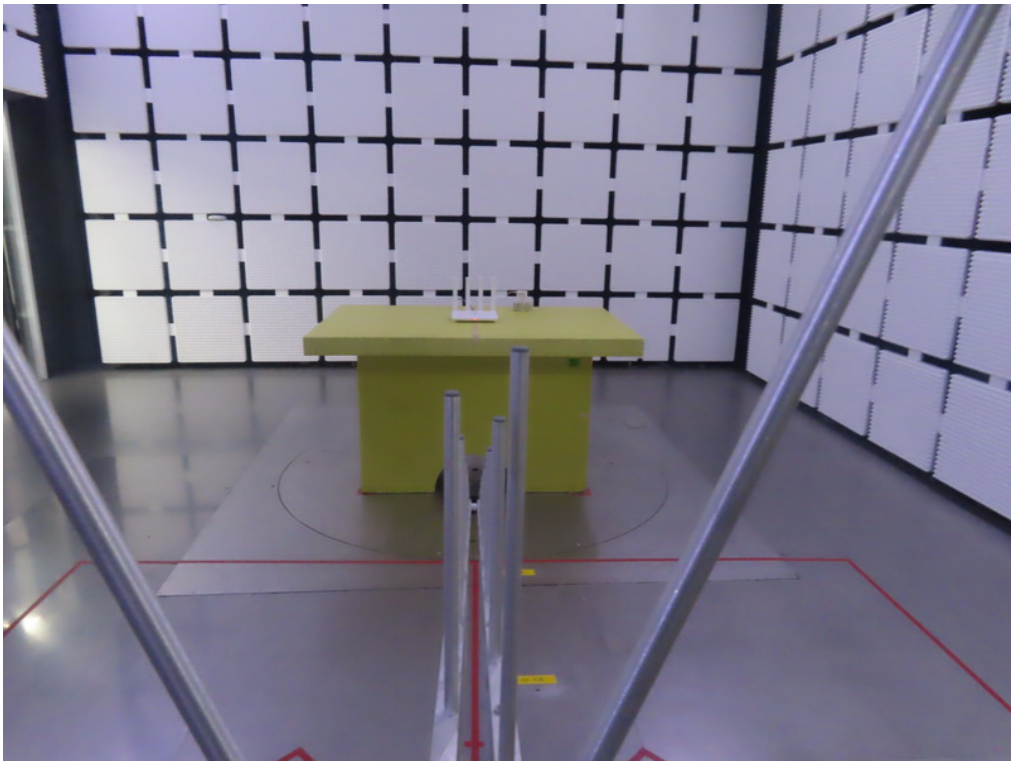
9 kHz to 30 MHz

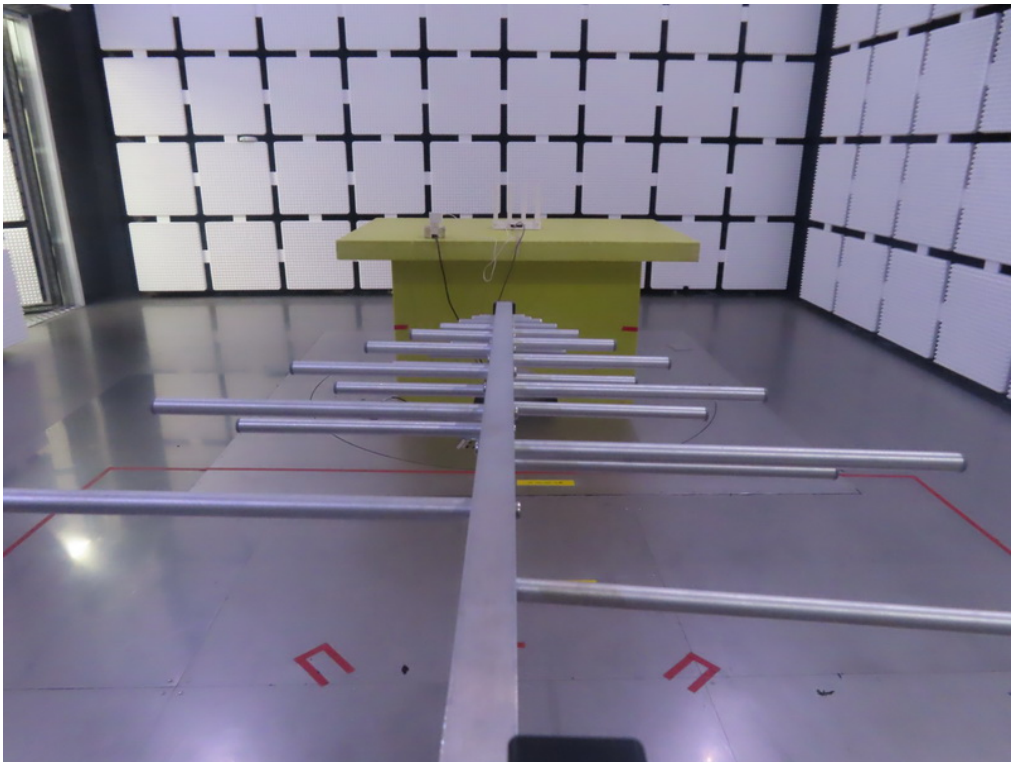




Radiated Emissions Test Photos

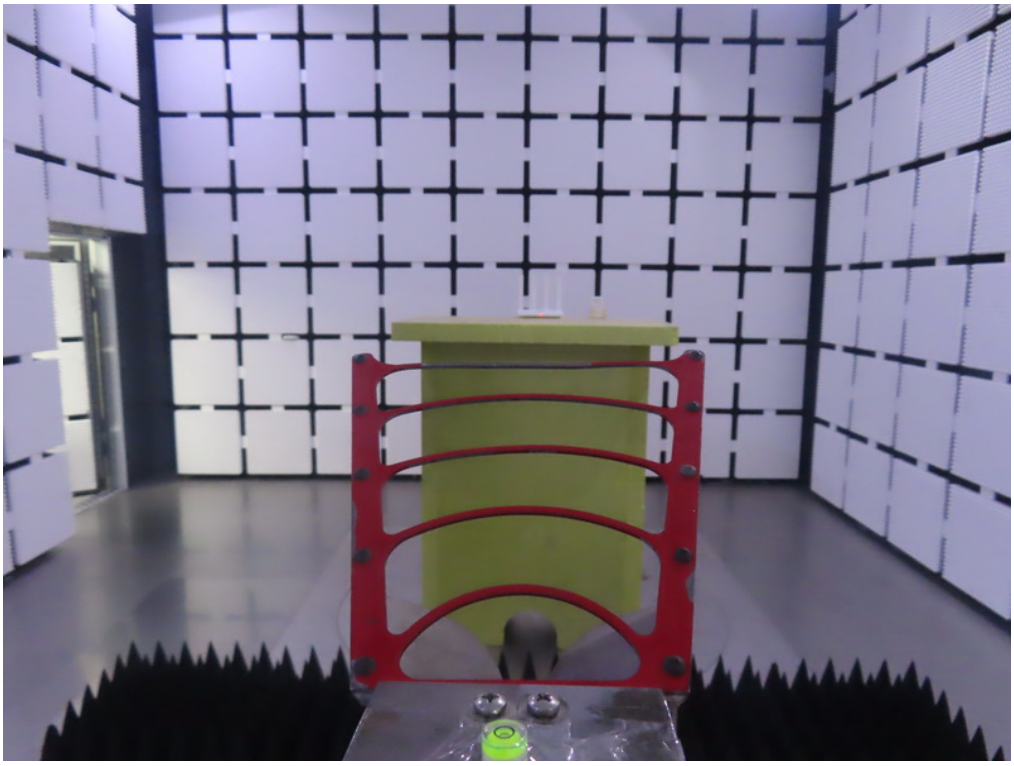
30 MHz to 1 GHz

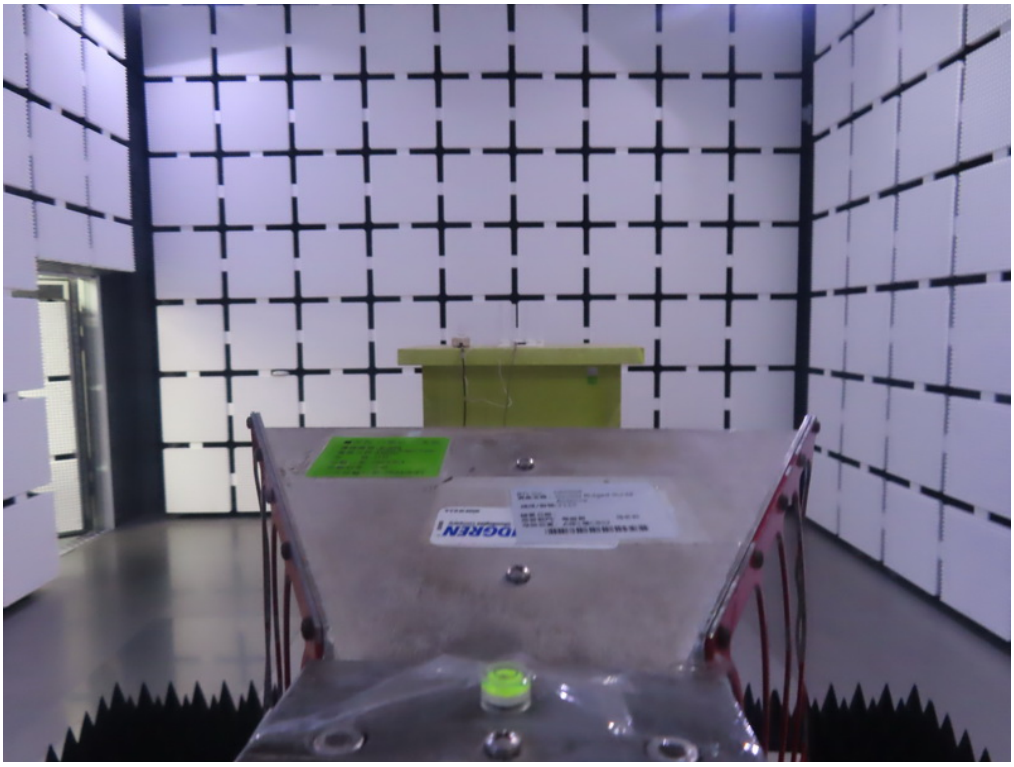




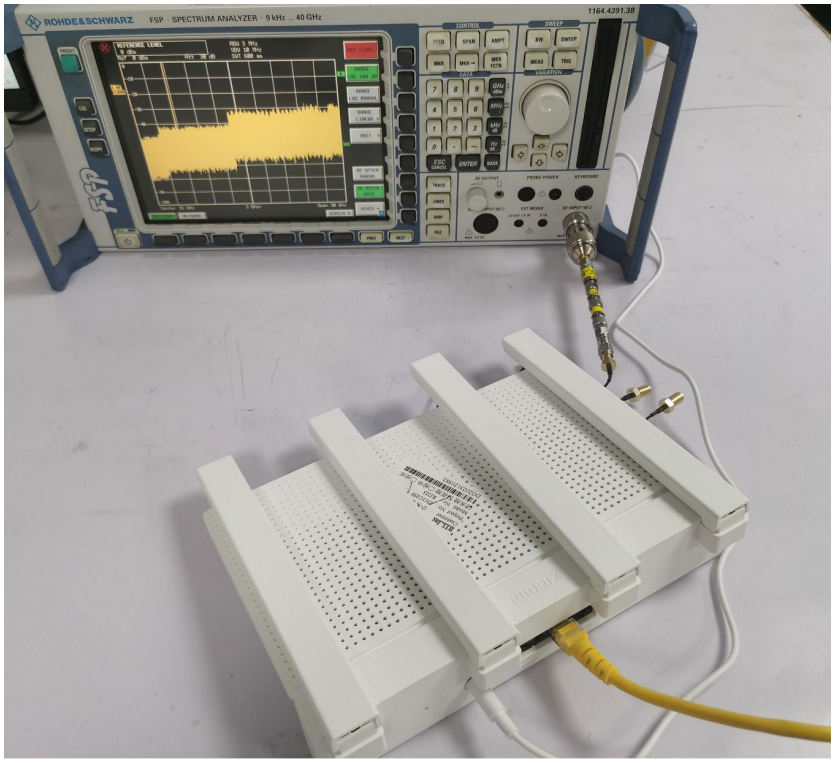
Radiated Emissions Test Photos

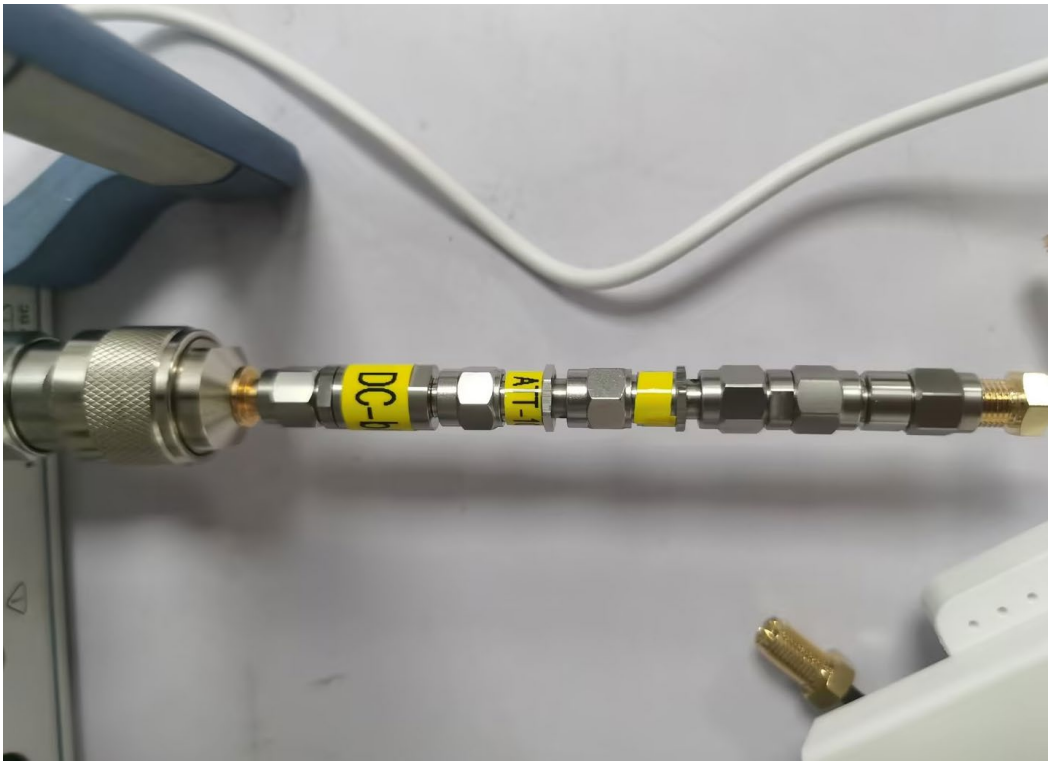
Above 1 GHz





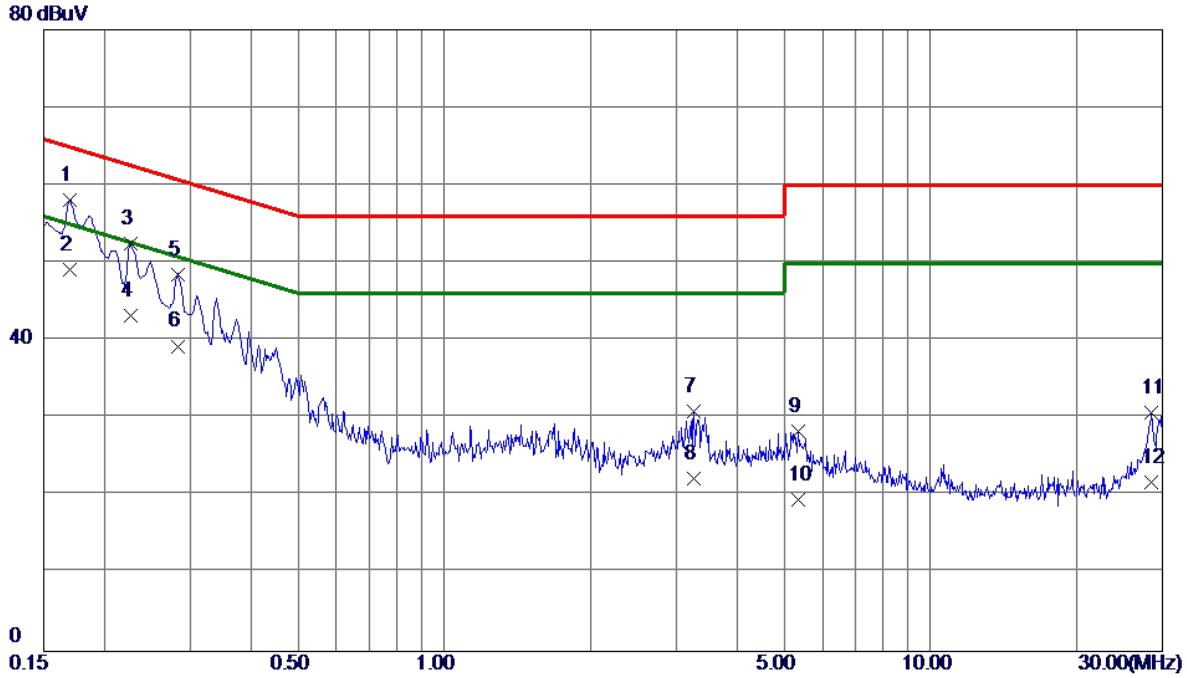
Conducted Test Photos





APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

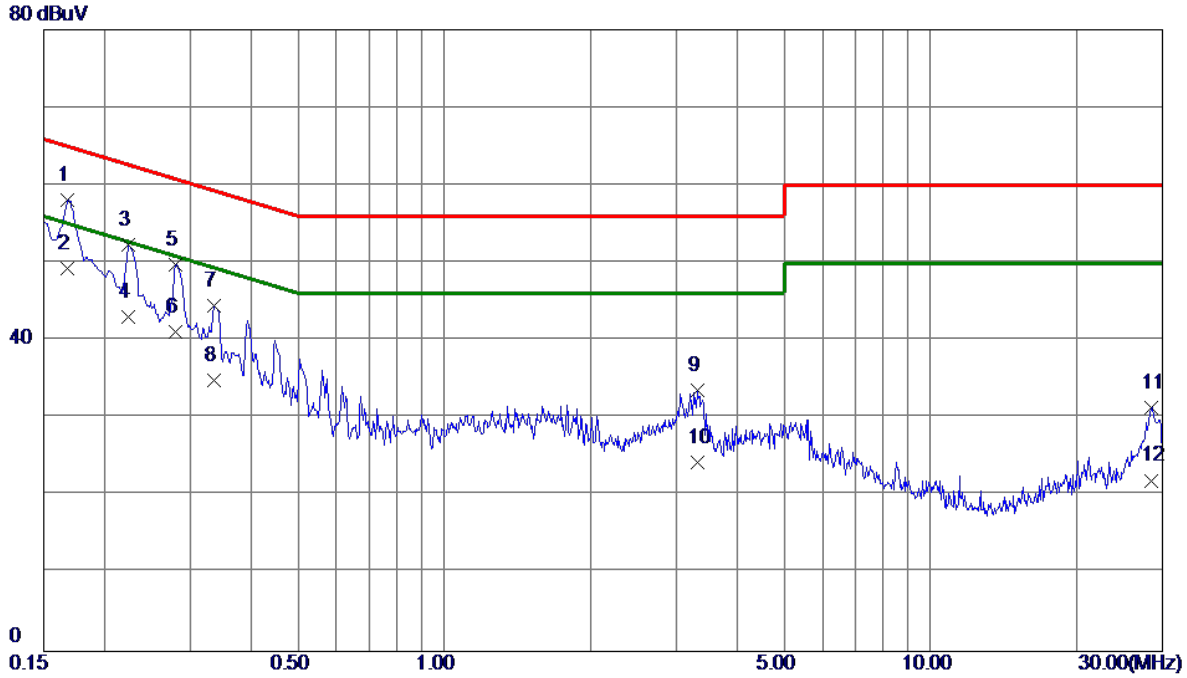
Test Mode	TX AX(HE40) Mode Channel 159 (UNII-3)	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1702	48.45	9.68	58.13	64.95	-6.82	QP	
2 *	0.1702	39.40	9.68	49.08	54.95	-5.87	AVG	
3	0.2265	42.87	9.68	52.55	62.58	-10.03	QP	
4	0.2265	33.49	9.68	43.17	52.58	-9.41	AVG	
5	0.2832	38.75	9.68	48.43	60.72	-12.29	QP	
6	0.2832	29.60	9.68	39.28	50.72	-11.44	AVG	
7	3.2616	21.14	9.80	30.94	56.00	-25.06	QP	
8	3.2616	12.40	9.80	22.20	46.00	-23.80	AVG	
9	5.3520	18.51	9.85	28.36	60.00	-31.64	QP	
10	5.3520	9.61	9.85	19.46	50.00	-30.54	AVG	
11	28.4730	20.19	10.52	30.71	60.00	-29.29	QP	
12	28.4730	11.30	10.52	21.82	50.00	-28.18	AVG	

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

Test Mode	TX AX(HE40) Mode Channel 159 (UNII-3)	Phase	Neutral

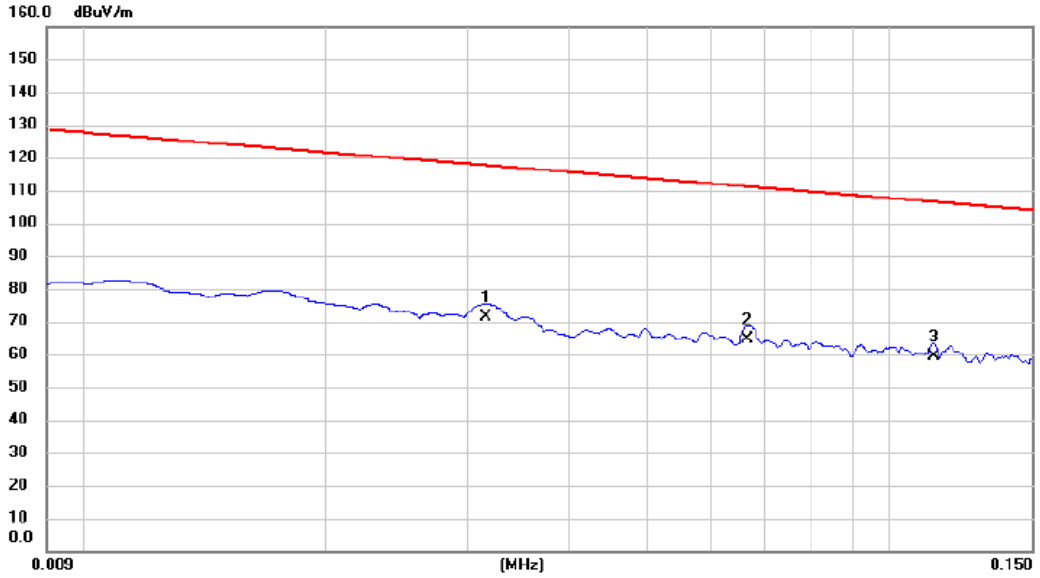


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1680	48.38	9.66	58.04	65.06	-7.02	QP	
2 *	0.1680	39.60	9.66	49.26	55.06	-5.80	AVG	
3	0.2242	42.63	9.65	52.28	62.66	-10.38	QP	
4	0.2242	33.40	9.65	43.05	52.66	-9.61	AVG	
5	0.2804	40.16	9.66	49.82	60.80	-10.98	QP	
6	0.2804	31.50	9.66	41.16	50.80	-9.64	AVG	
7	0.3367	34.87	9.65	44.52	59.28	-14.76	QP	
8	0.3367	25.30	9.65	34.95	49.28	-14.33	AVG	
9	3.3090	23.83	9.77	33.60	56.00	-22.40	QP	
10	3.3090	14.60	9.77	24.37	46.00	-21.63	AVG	
11	28.3717	20.90	10.50	31.40	60.00	-28.60	QP	
12	28.3717	11.50	10.50	22.00	50.00	-28.00	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

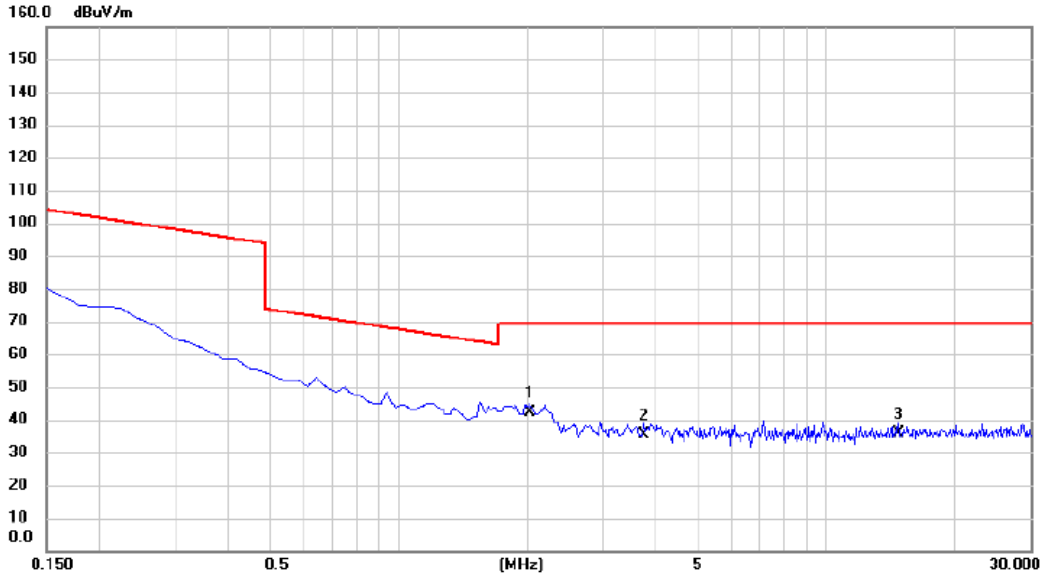
Test Mode	TX AX(HE40) Mode Channel 159 (UNII-3)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0316	51.67	19.80	71.47	117.61	-46.14	AVG	
2		0.0667	44.58	19.86	64.44	111.12	-46.68	AVG	
3		0.1133	39.68	19.83	59.51	106.52	-47.01	AVG	

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

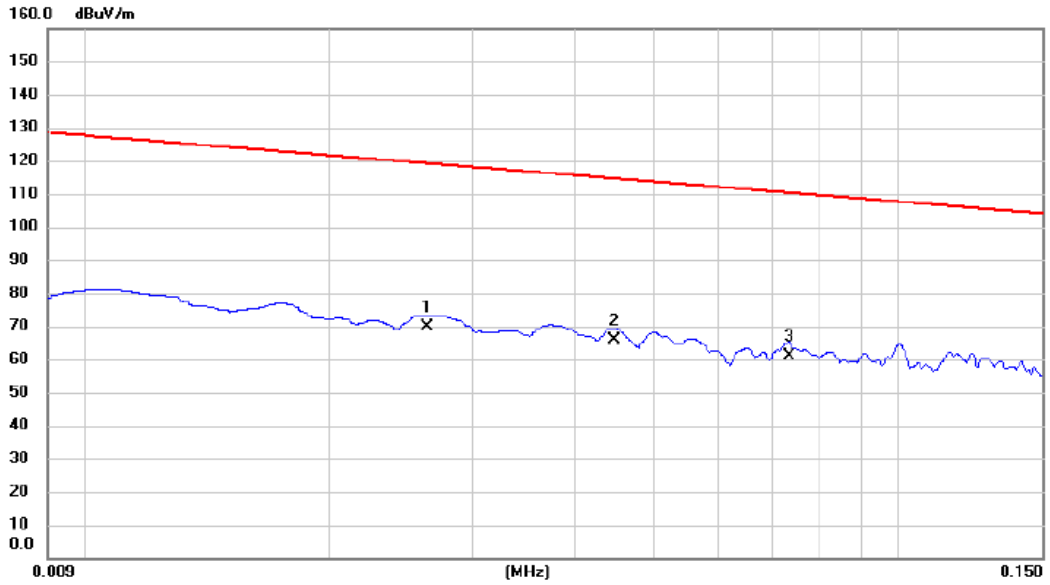
Test Mode	TX AX(HE40) Mode Channel 159 (UNII-3)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2.0305	22.56	19.79	42.35	69.54	-27.19	QP	
2		3.7470	15.64	19.92	35.56	69.54	-33.98	QP	
3		14.7168	15.43	20.30	35.73	69.54	-33.81	QP	

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

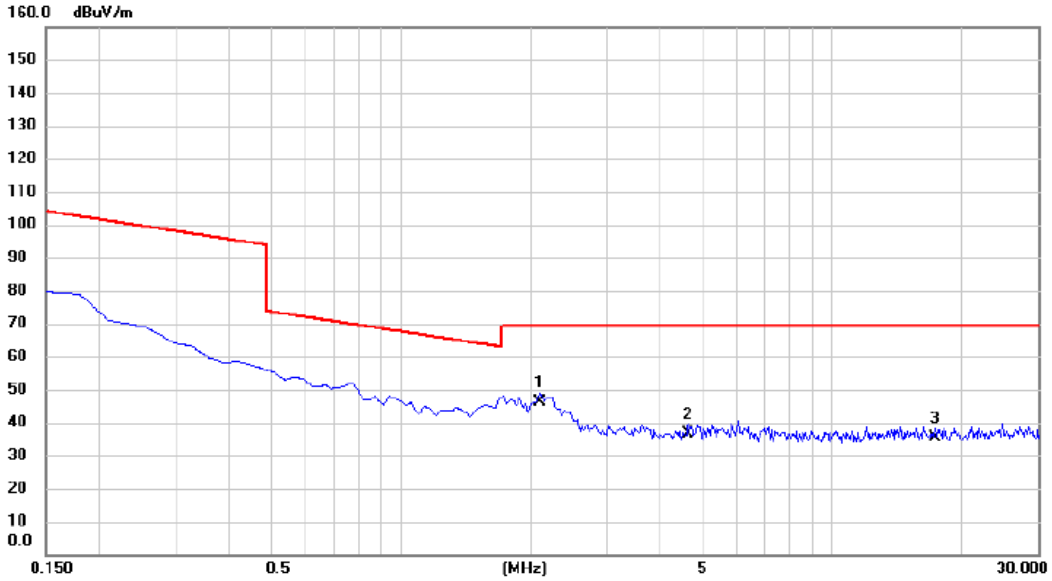
Test Mode	TX AX(HE40) Mode Channel 159 (UNII-3)	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0264	49.65	20.00	69.65	119.17	-49.52	AVG	
2	*	0.0447	45.84	19.80	65.64	114.60	-48.96	AVG	
3		0.0733	41.23	19.88	61.11	110.30	-49.19	AVG	

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

Test Mode	TX AX(HE40) Mode Channel 159 (UNII-3)	Polarization	Ant 90°

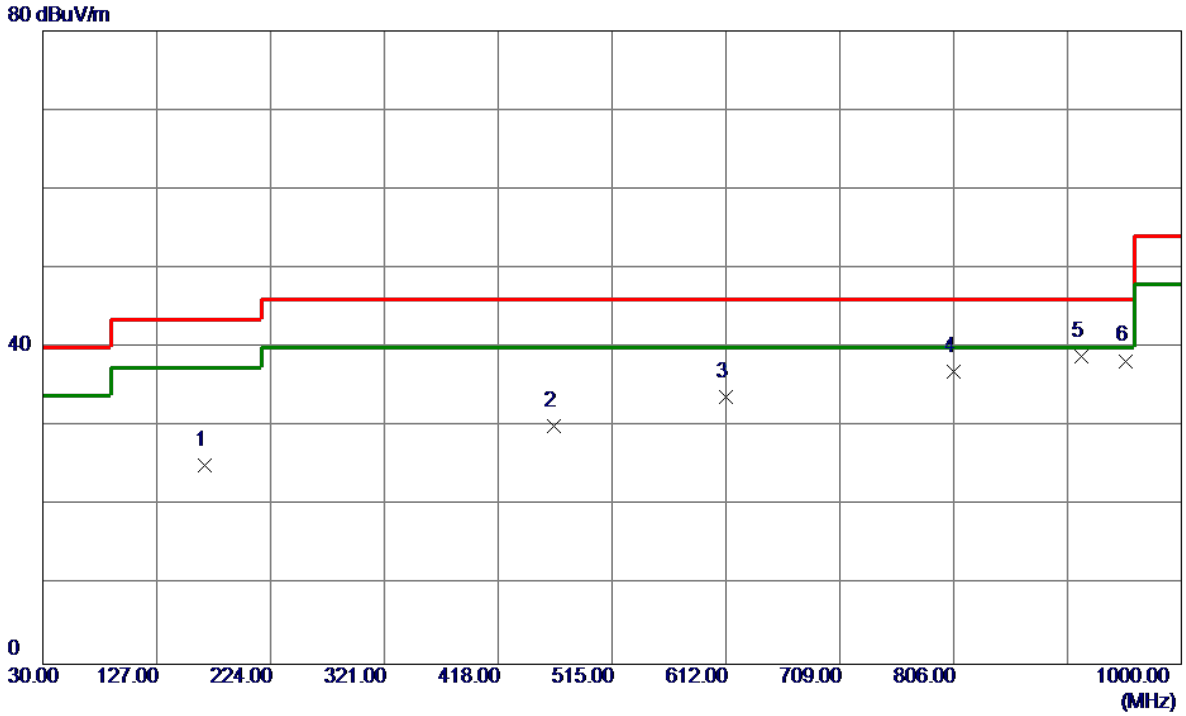


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2.1052	26.54	19.80	46.34	69.54	-23.20	QP	
2		4.6275	16.58	19.94	36.52	69.54	-33.02	QP	
3		17.3435	15.11	20.45	35.56	69.54	-33.98	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

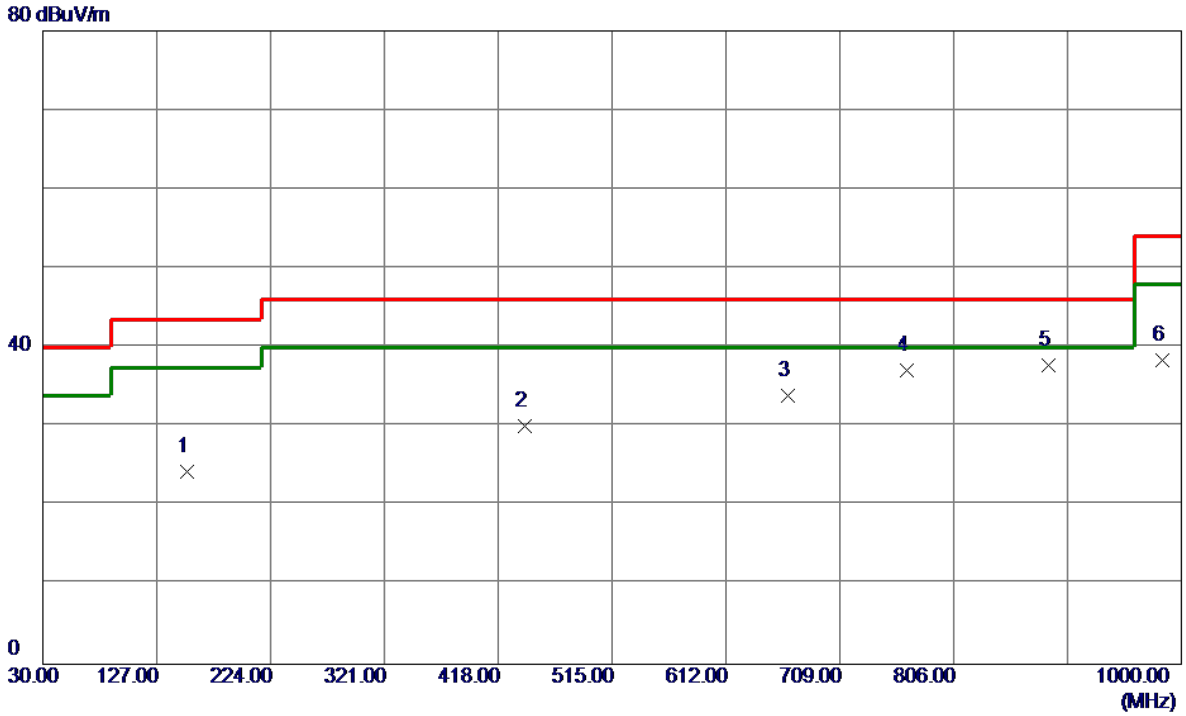
Test Mode	TX AX(HE40) Mode Channel 159 (UNII-3)	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	167.7400	36.18	-11.06	25.12	43.50	-18.38	Peak	
2	465.0450	36.63	-6.54	30.09	46.00	-15.91	Peak	
3	612.4850	37.09	-3.40	33.69	46.00	-12.31	Peak	
4	806.0000	37.80	-0.88	36.92	46.00	-9.08	Peak	
5 *	915.1250	38.88	-0.03	38.85	46.00	-7.15	Peak	
6	952.4700	37.98	0.34	38.32	46.00	-7.68	Peak	

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

Test Mode	TX AX(HE40) Mode Channel 159 (UNII-3)	Polarization	Horizontal

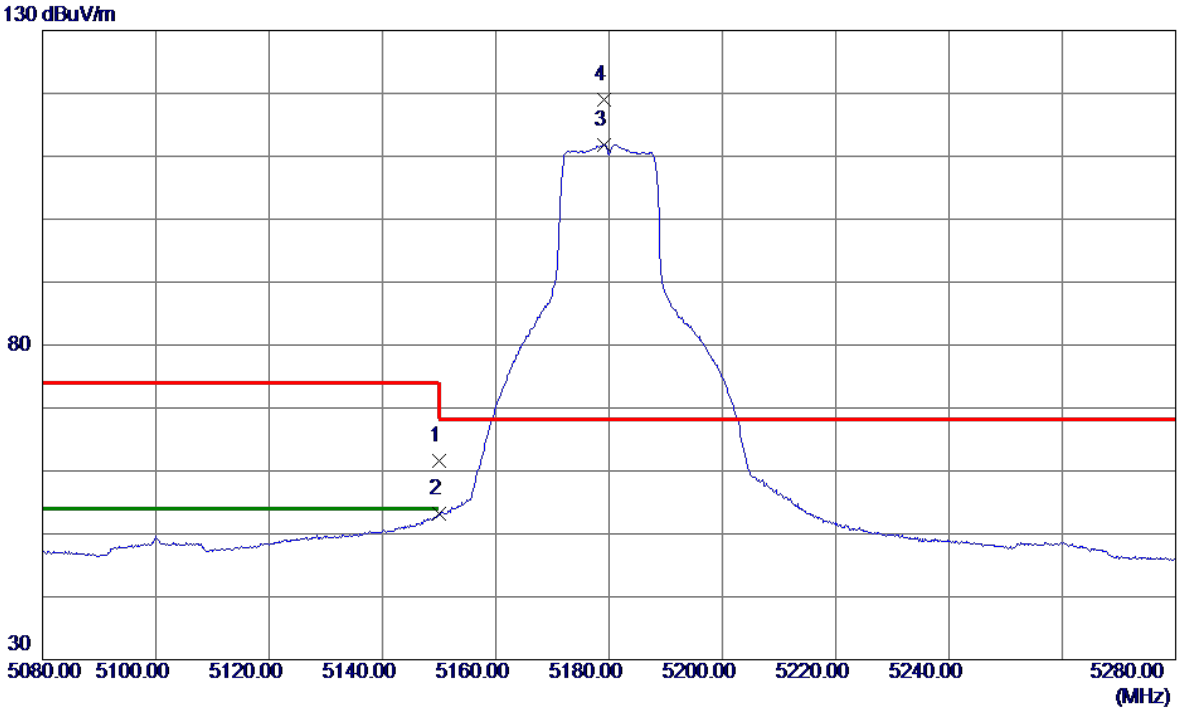


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	153.1900	35.31	-11.05	24.26	43.50	-19.24	Peak	
2	440.3100	37.00	-6.98	30.02	46.00	-15.98	Peak	
3	664.3800	36.88	-2.96	33.92	46.00	-12.08	Peak	
4	766.2300	38.57	-1.45	37.12	46.00	-8.88	Peak	
5 *	886.5100	37.89	-0.17	37.72	46.00	-8.28	Peak	
6	983.5100	37.61	0.81	38.42	54.00	-15.58	Peak	

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

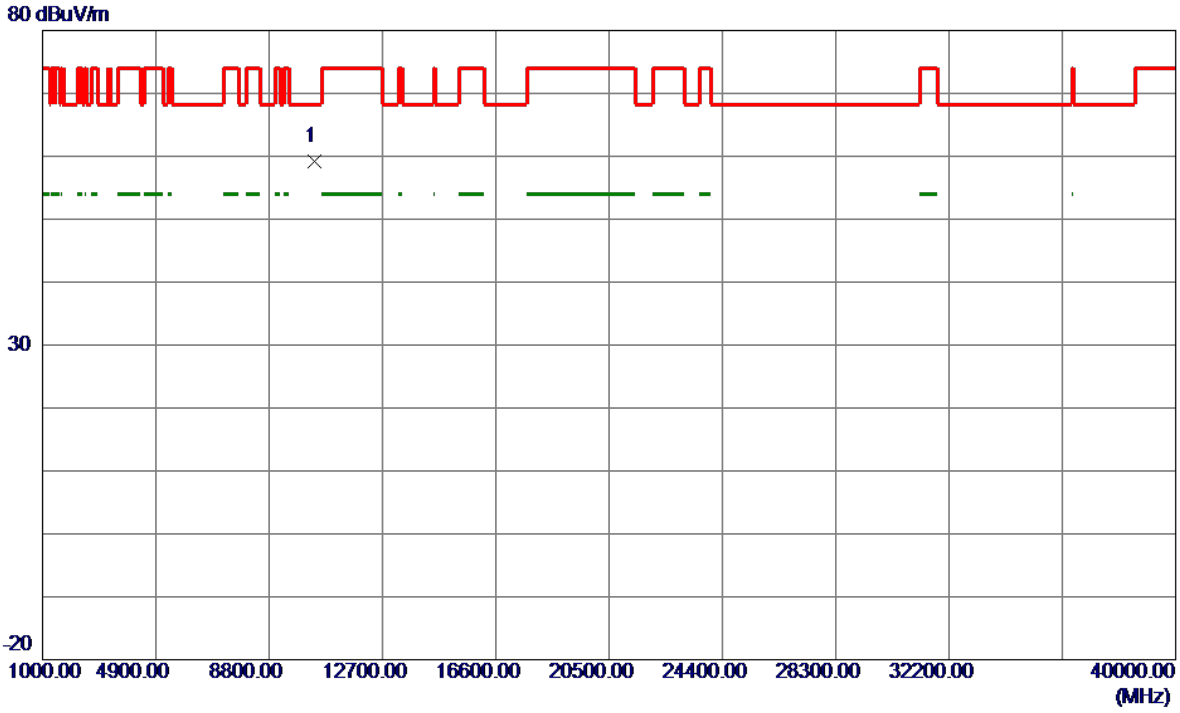
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	49.78	11.75	61.53	74.00	-12.47	Peak	
2	5150.0000	41.36	11.75	53.11	54.00	-0.89	AVG	
3	5179.1000	99.95	11.81	111.76	999.00	-887.24	AVG	No Limit
4 *	5179.2000	107.14	11.81	118.95	68.20	50.75	Peak	No Limit

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

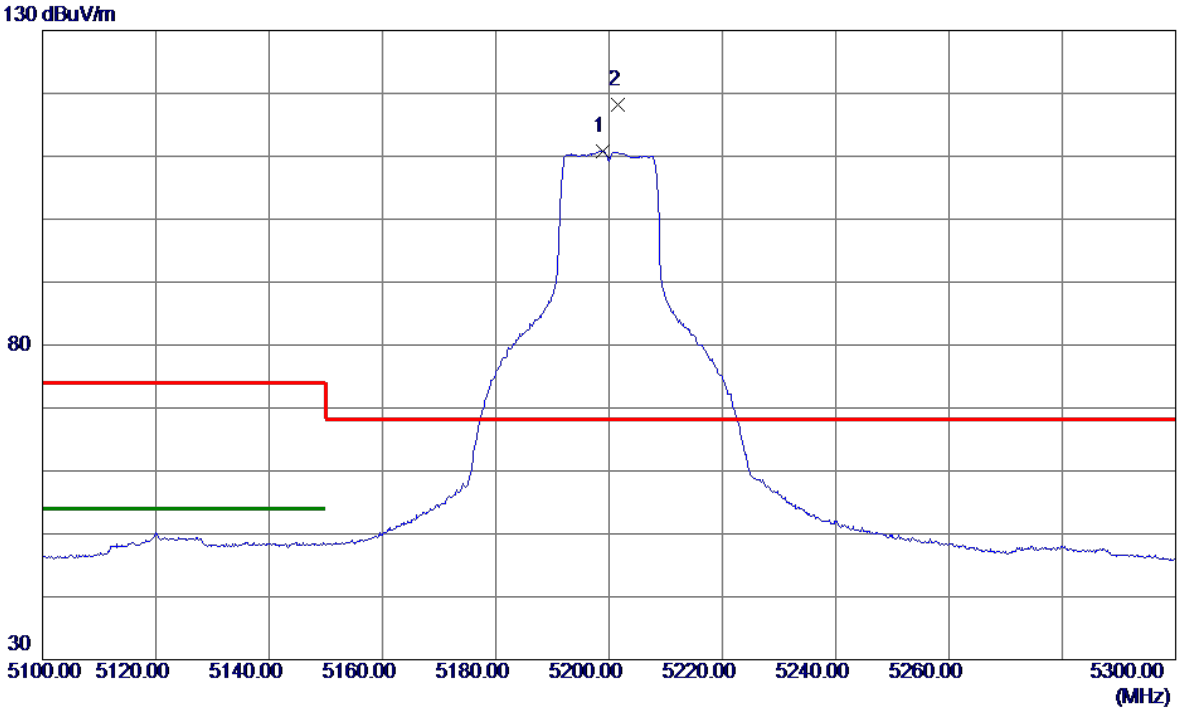
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.5500	53.11	6.06	59.17	68.20	-9.03	Peak	

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

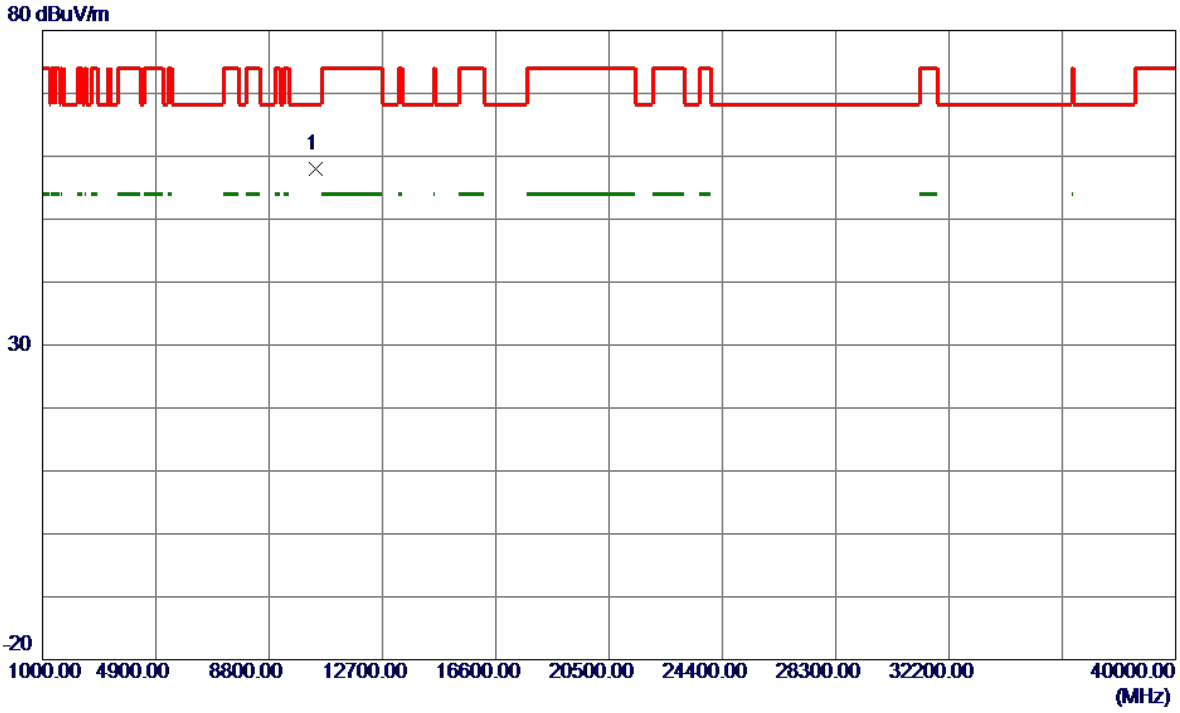
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5198.9000	98.96	11.86	110.82	999.00	-888.18	AVG	No Limit
2 *	5201.5000	106.39	11.87	118.26	68.20	50.06	Peak	No Limit

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

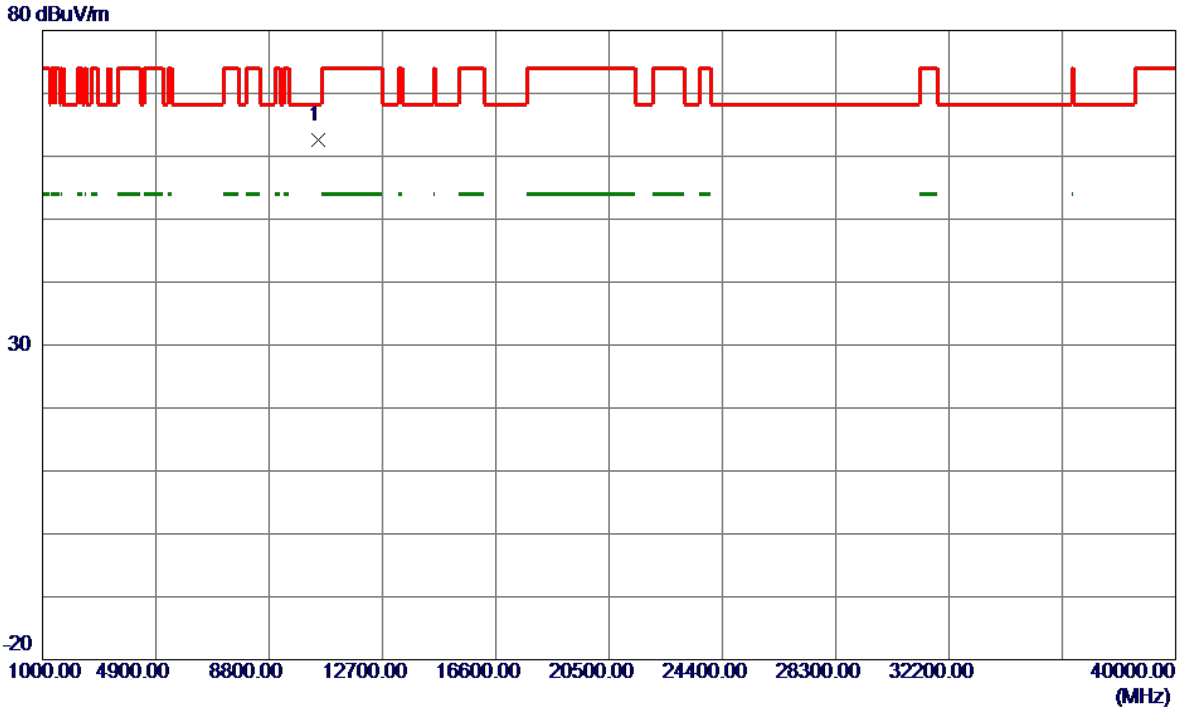
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10403.5000	51.96	6.09	58.05	68.20	-10.15	Peak	

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

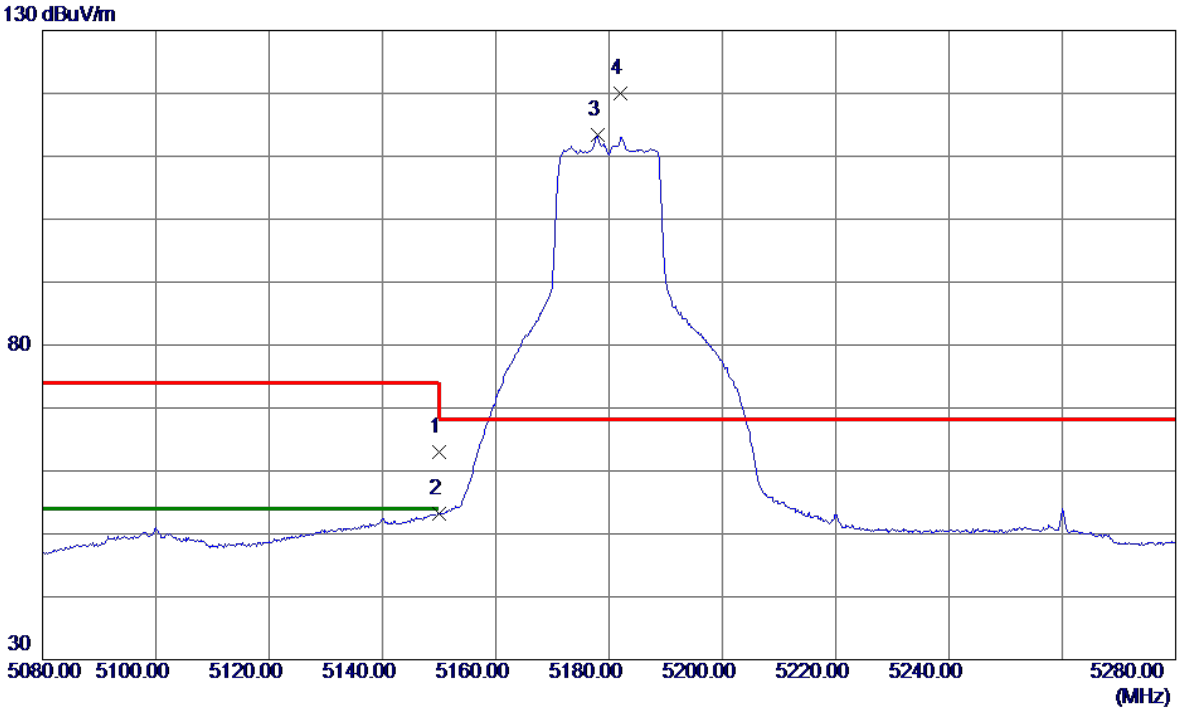
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10476.2000	56.46	6.14	62.60	68.20	-5.60	Peak	

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

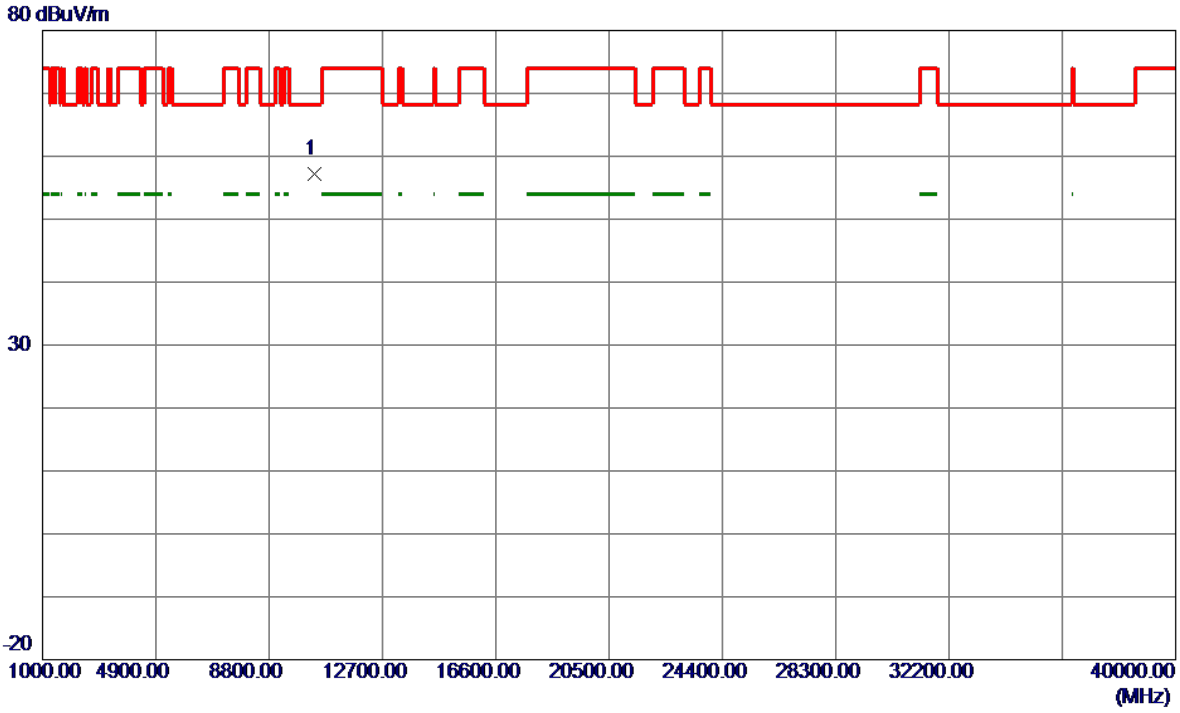
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	51.34	11.75	63.09	74.00	-10.91	Peak	
2	5150.0000	41.44	11.75	53.19	54.00	-0.81	AVG	
3	5177.9000	101.52	11.81	113.33	999.00	-885.67	AVG	No Limit
4 *	5182.1000	108.18	11.82	120.00	68.20	51.80	Peak	No Limit

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

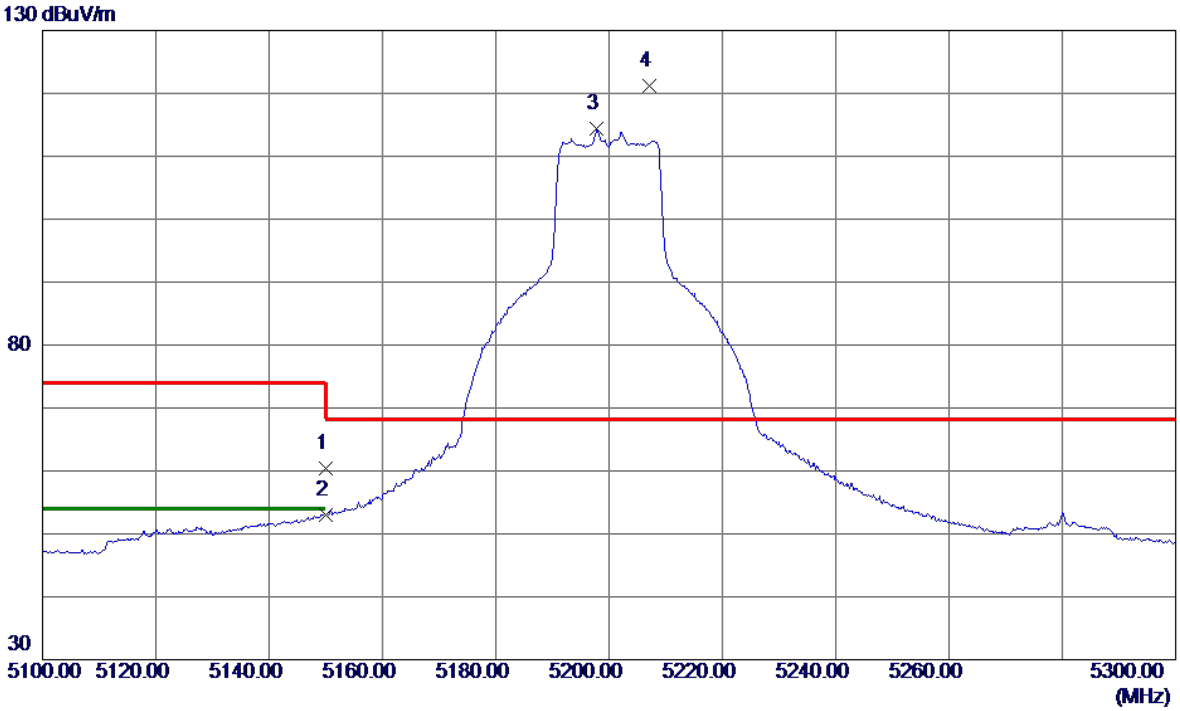
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.7500	51.18	6.06	57.24	68.20	-10.96	Peak	

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

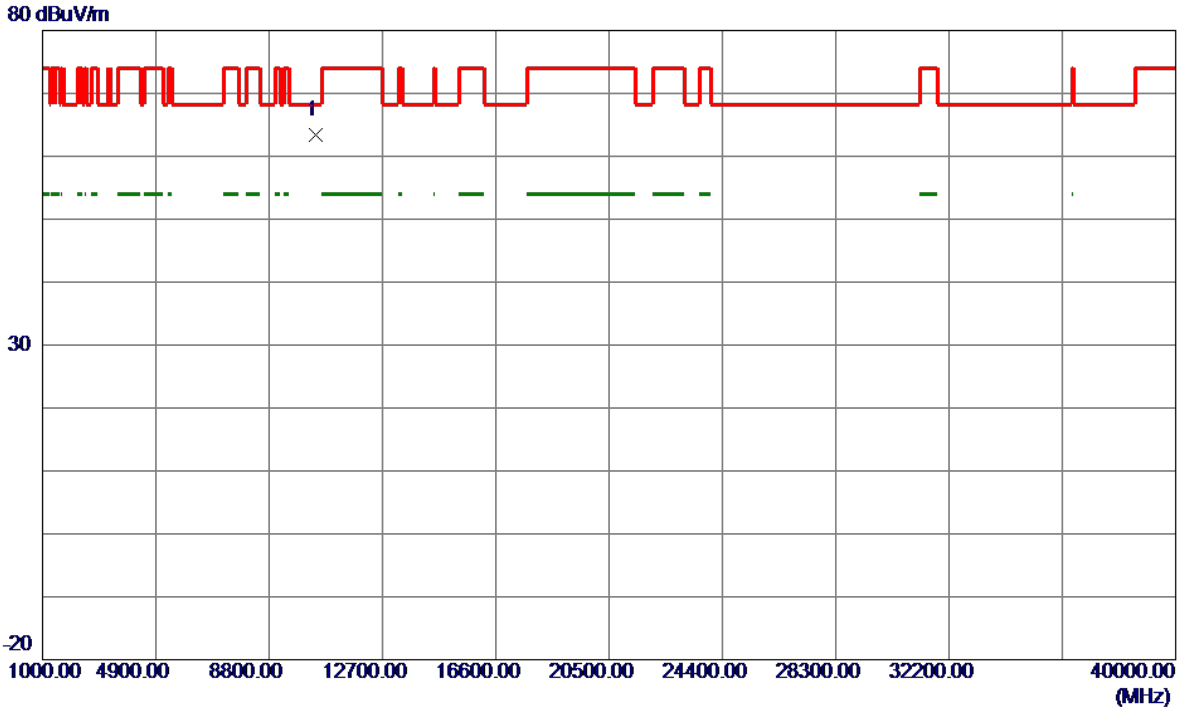
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	48.73	11.75	60.48	74.00	-13.52	Peak	
2	5150.0000	41.25	11.75	53.00	54.00	-1.00	AVG	
3	5197.8000	102.47	11.86	114.33	999.00	-884.67	AVG	No Limit
4 *	5207.1000	109.23	11.88	121.11	68.20	52.91	Peak	No Limit

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

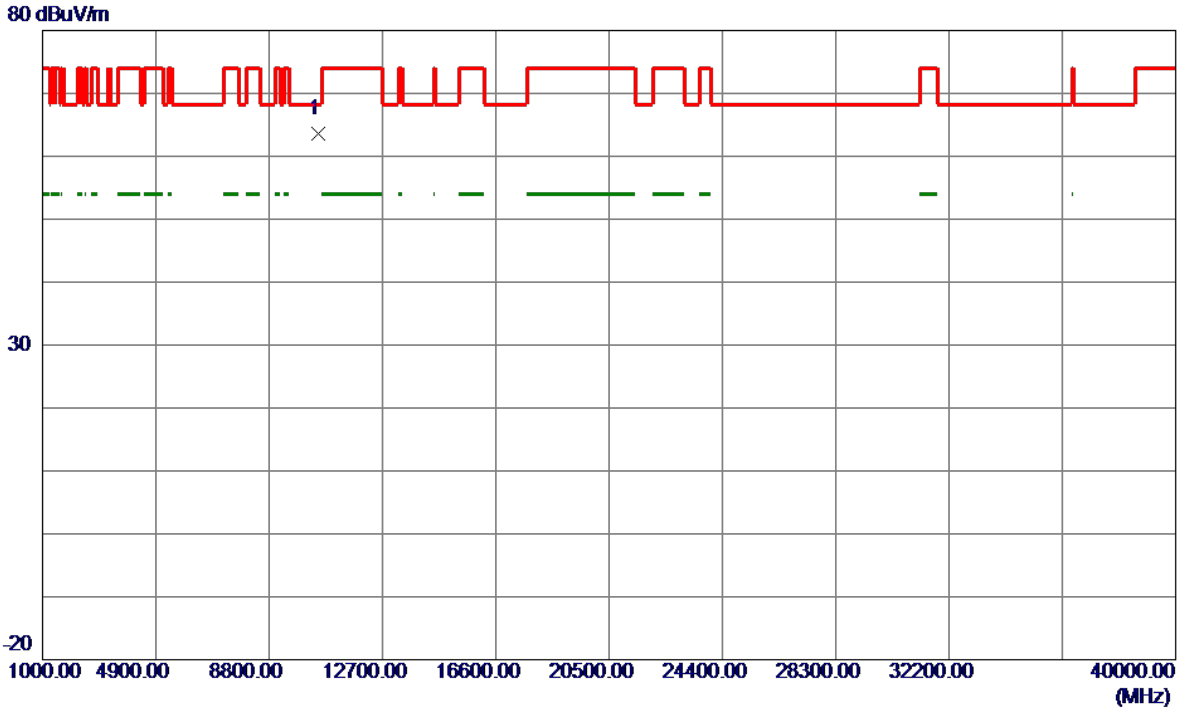
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10406.7000	57.31	6.09	63.40	68.20	-4.80	Peak	

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

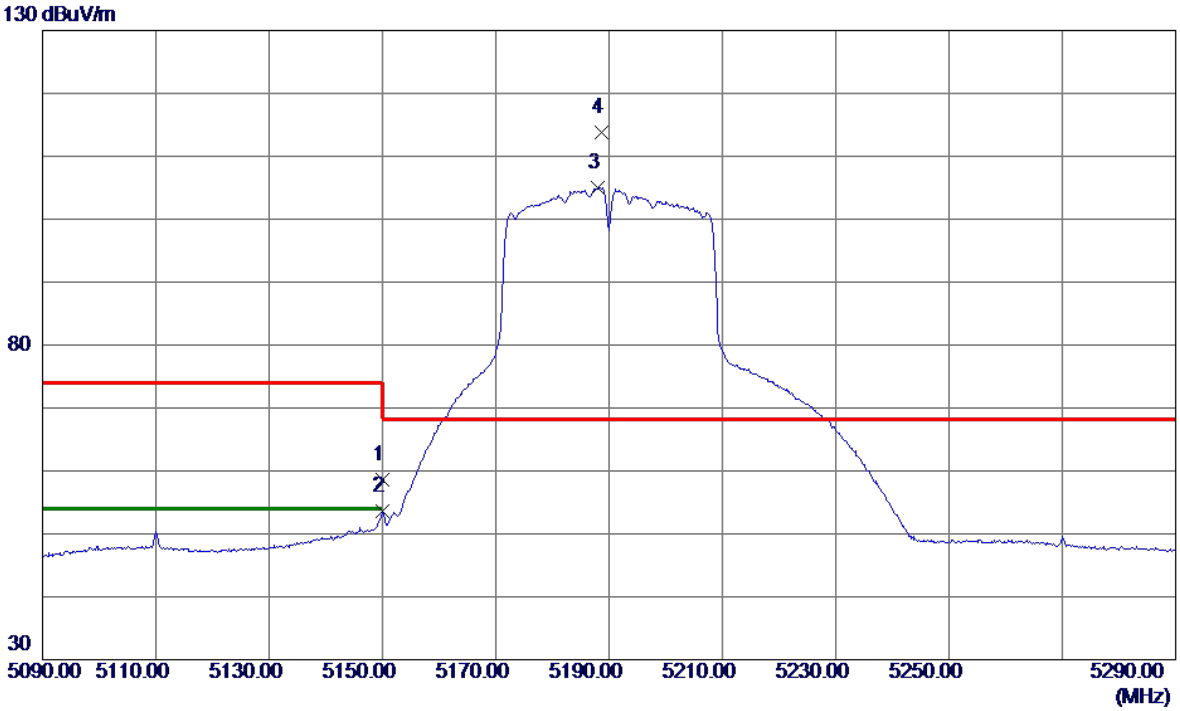
Test Mode	UNII-1_TX AC(VHT20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10482.4750	57.53	6.15	63.68	68.20	-4.52	Peak	

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

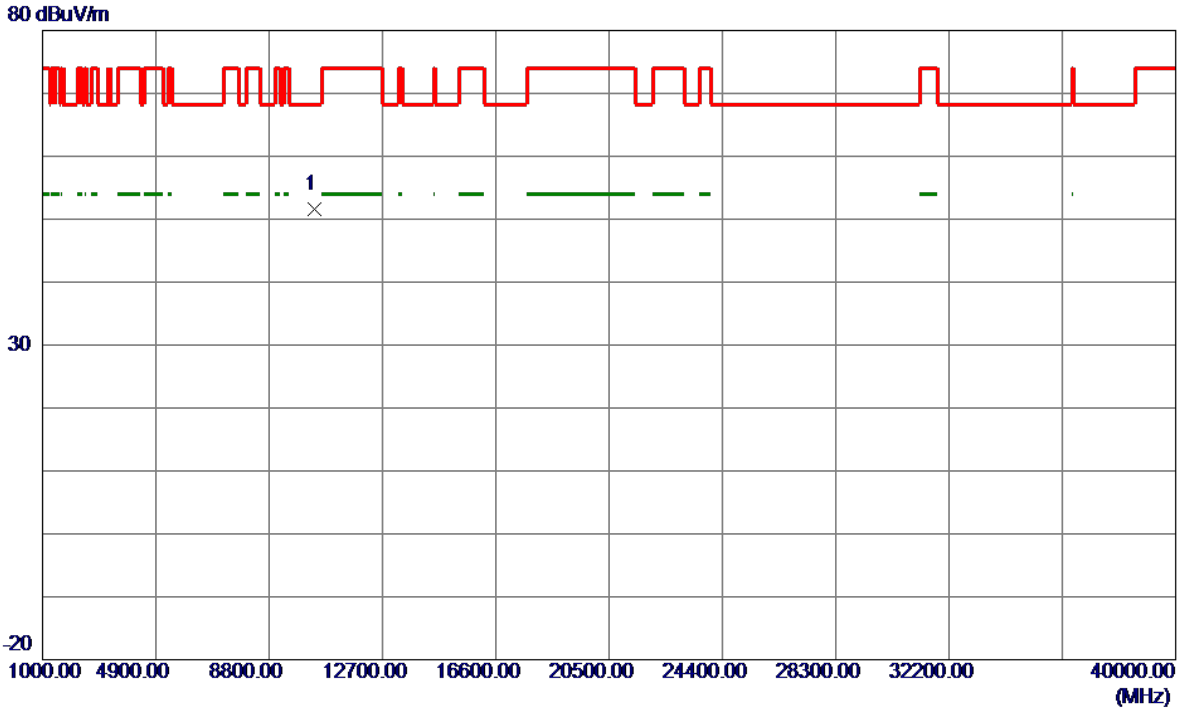
Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.84	11.75	58.59	74.00	-15.41	Peak	
2	5150.0000	41.86	11.75	53.61	54.00	-0.39	AVG	
3	5188.0000	93.26	11.83	105.09	999.00	-893.91	AVG	No Limit
4 *	5188.7000	102.00	11.84	113.84	68.20	45.64	Peak	No Limit

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

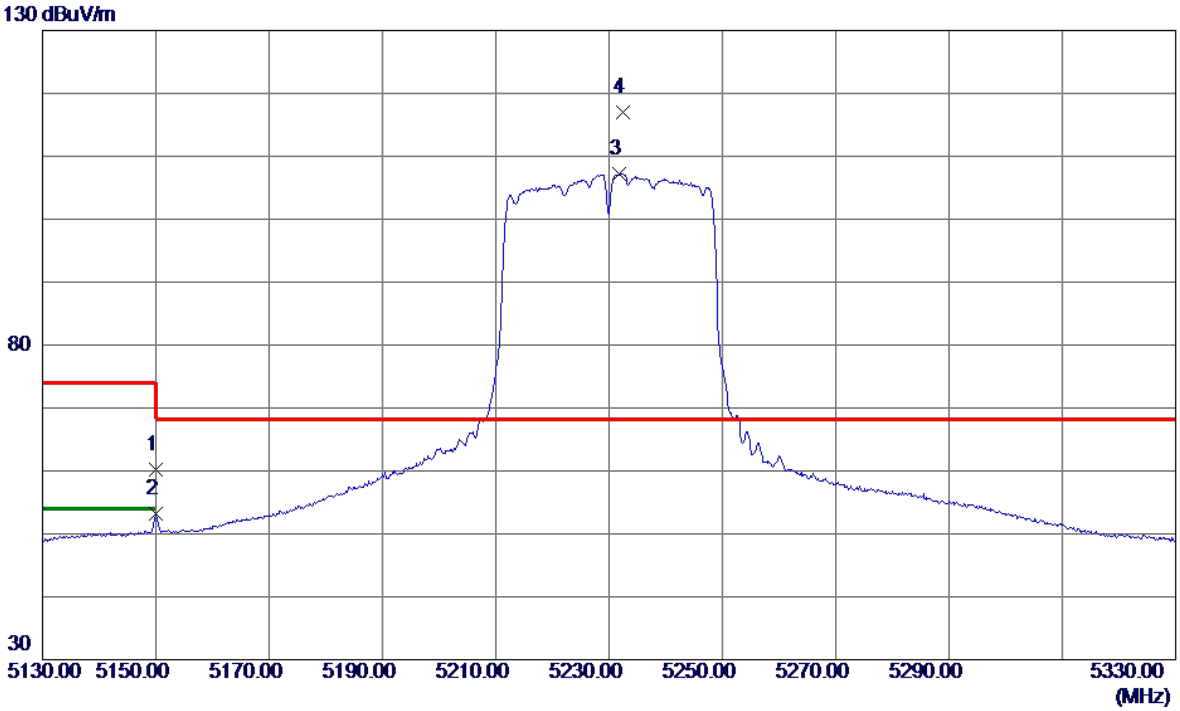
Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10378.5500	45.50	6.07	51.57	68.20	-16.63	Peak	

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

Test Mode	UNII-1_TX AC(VHT40) 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	48.41	11.75	60.16	74.00	-13.84	Peak	
2	5150.0000	41.39	11.75	53.14	54.00	-0.86	AVG	
3	5231.8000	95.32	11.94	107.26	999.00	-891.74	AVG	No Limit
4 *	5232.5000	105.02	11.94	116.96	68.20	48.76	Peak	No Limit

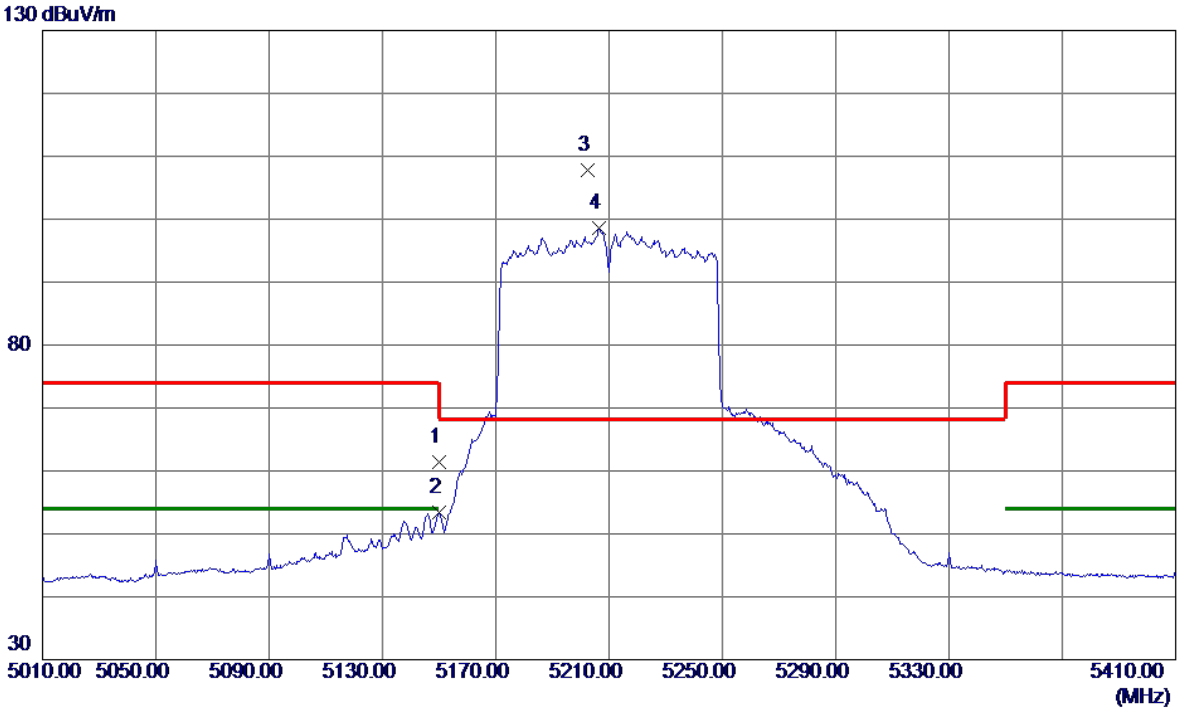
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	UNII-1_TX AC(VHT40) 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 *	10456.5000	44.67	6.13	50.80	68.20	-17.40	Peak	

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

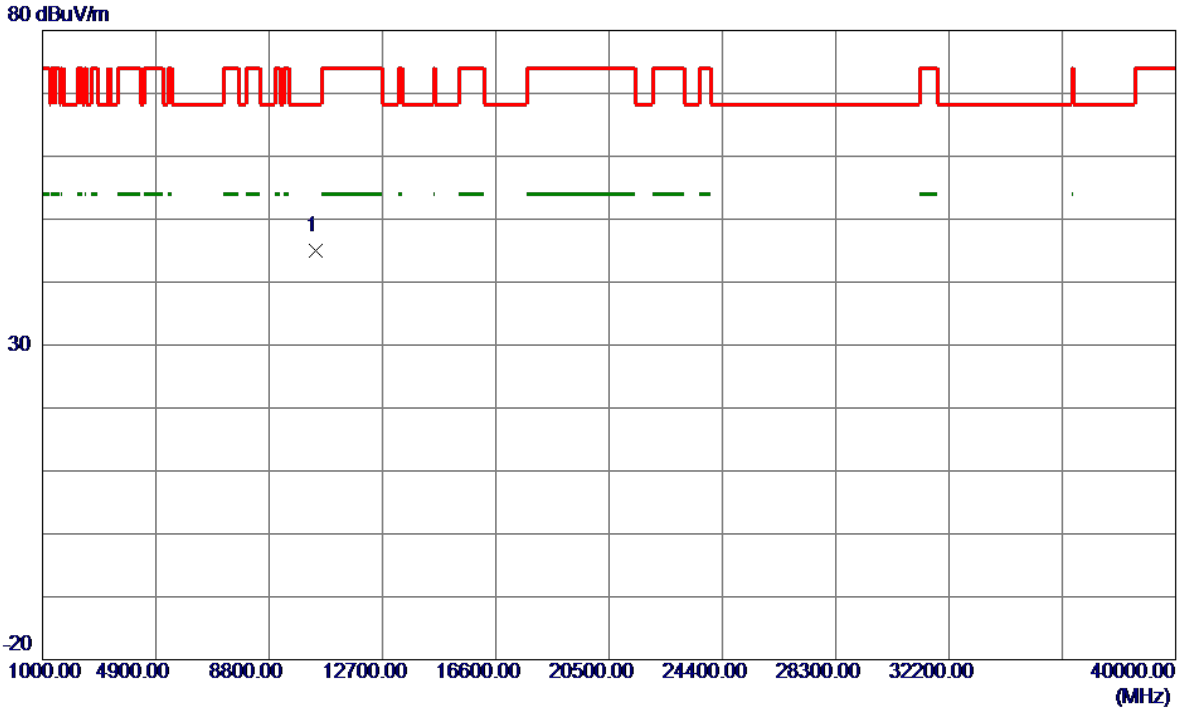
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	49.69	11.75	61.44	74.00	-12.56	Peak	
2	5150.0000	41.73	11.75	53.48	54.00	-0.52	AVG	
3 *	5202.6000	95.97	11.87	107.84	68.20	39.64	Peak	No Limit
4	5206.4000	86.69	11.88	98.57	999.00	-900.43	AVG	No Limit

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

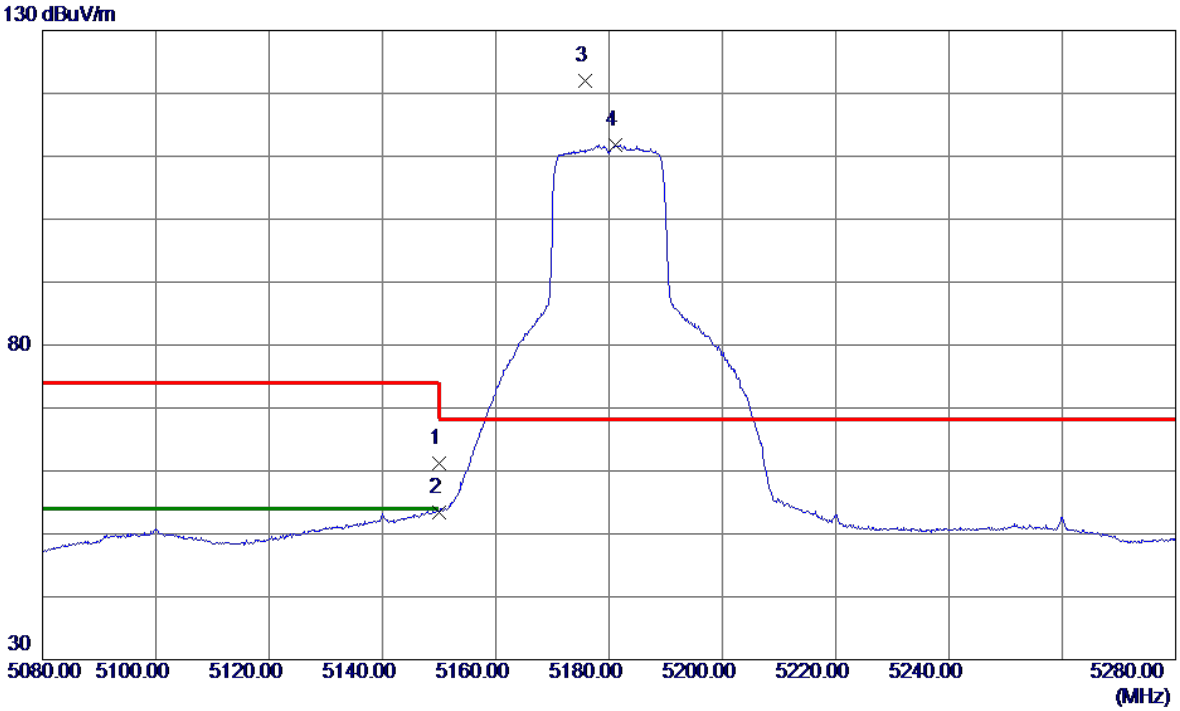
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10419.7750	38.96	6.10	45.06	68.20	-23.14	Peak	

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

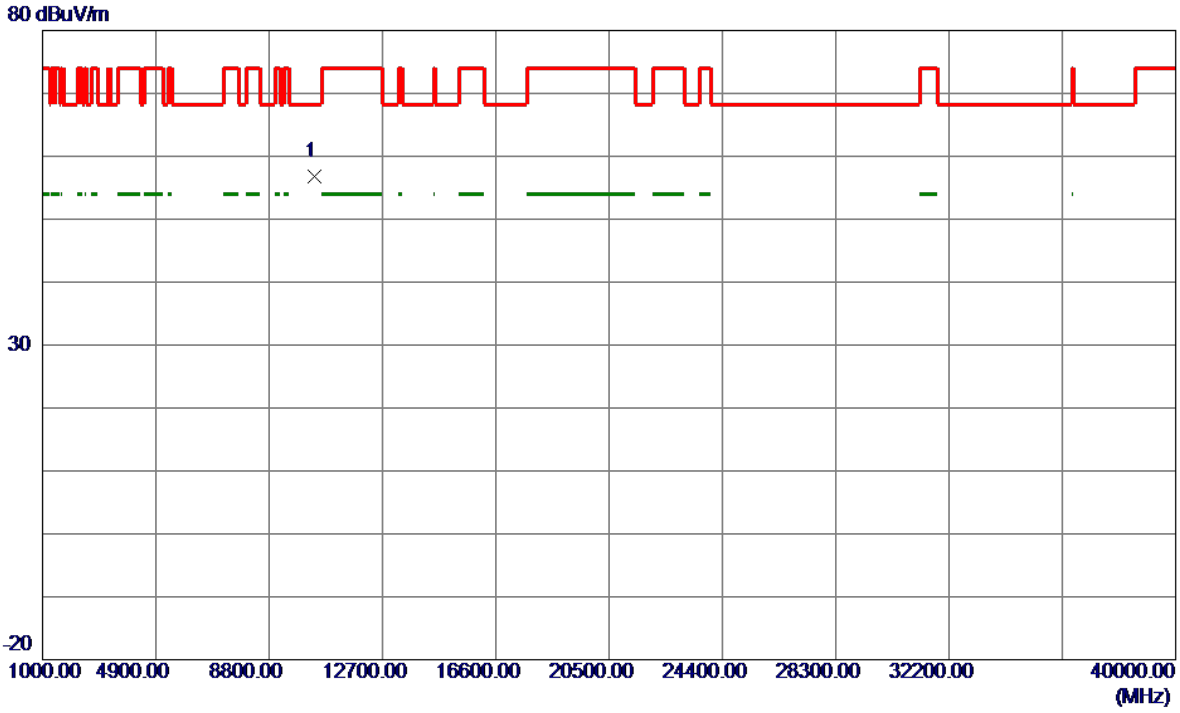
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	49.43	11.75	61.18	74.00	-12.82	Peak	
2	5150.0000	41.58	11.75	53.33	54.00	-0.67	AVG	
3 *	5175.7000	110.21	11.81	122.02	68.20	53.82	Peak	No Limit
4	5181.1000	100.00	11.82	111.82	999.00	-887.18	AVG	No Limit

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

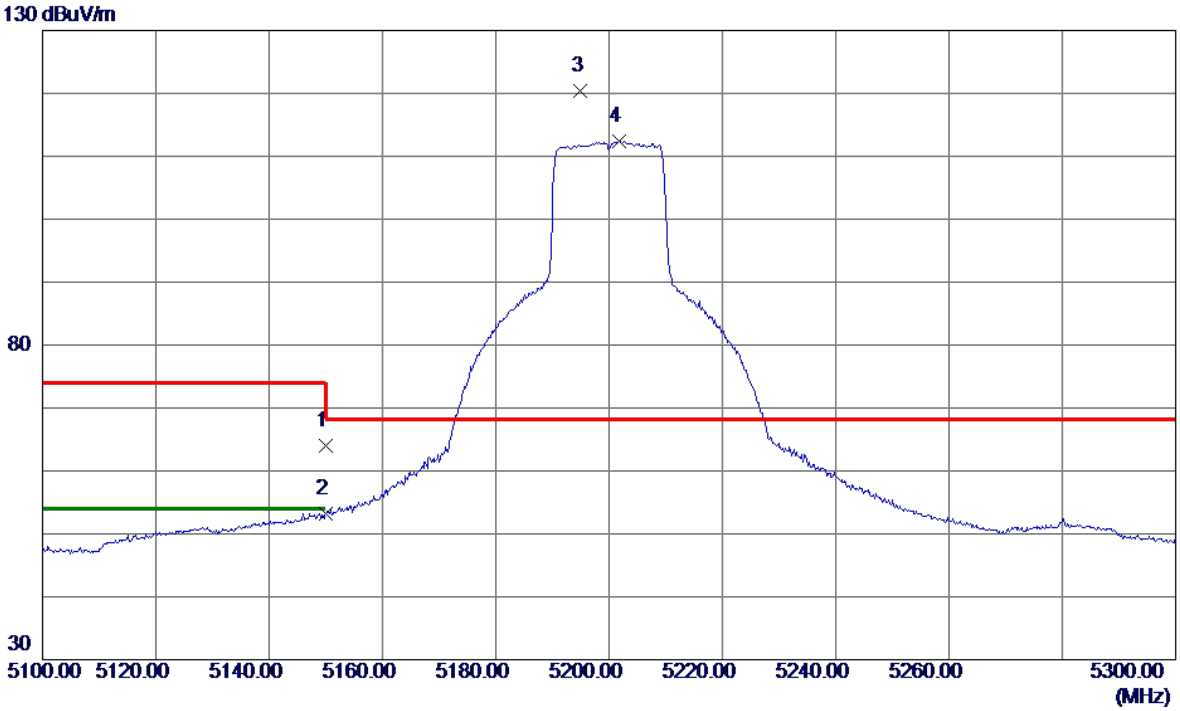
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10364.3000	50.77	6.06	56.83	68.20	-11.37	Peak	

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

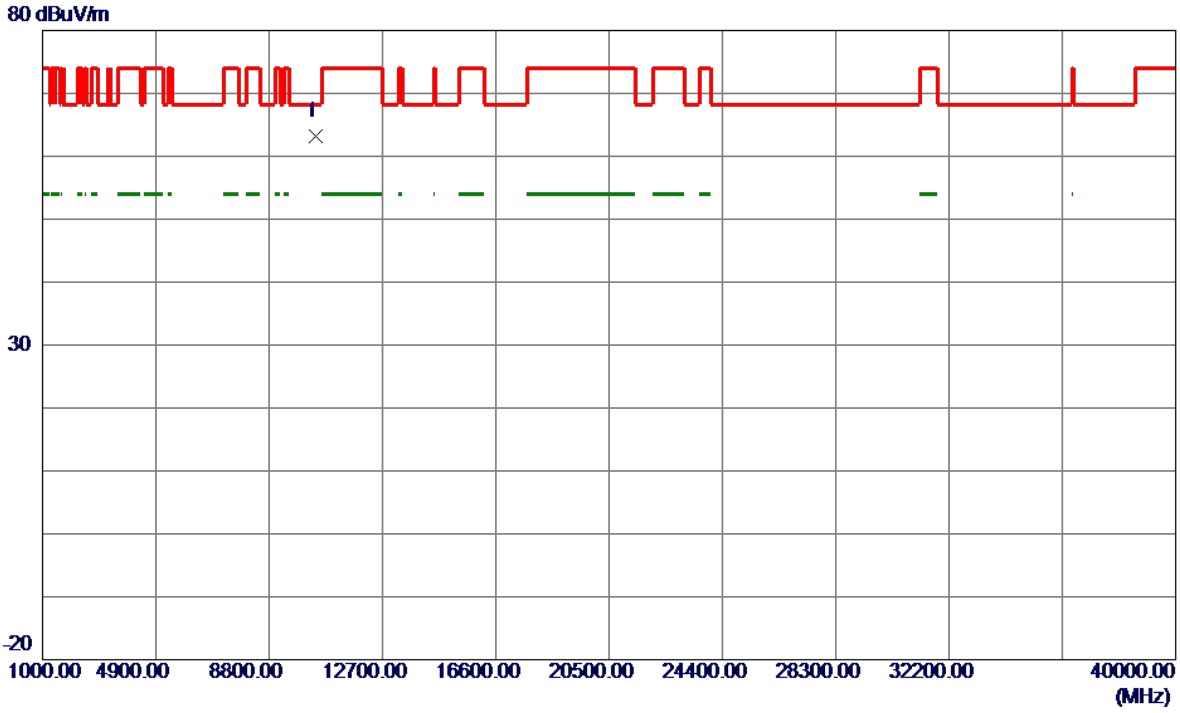
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	52.31	11.75	64.06	74.00	-9.94	Peak	
2	5150.0000	41.45	11.75	53.20	54.00	-0.80	AVG	
3 *	5195.0000	108.64	11.85	120.49	68.20	52.29	Peak	No Limit
4	5201.7000	100.55	11.87	112.42	999.00	-886.58	AVG	No Limit

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

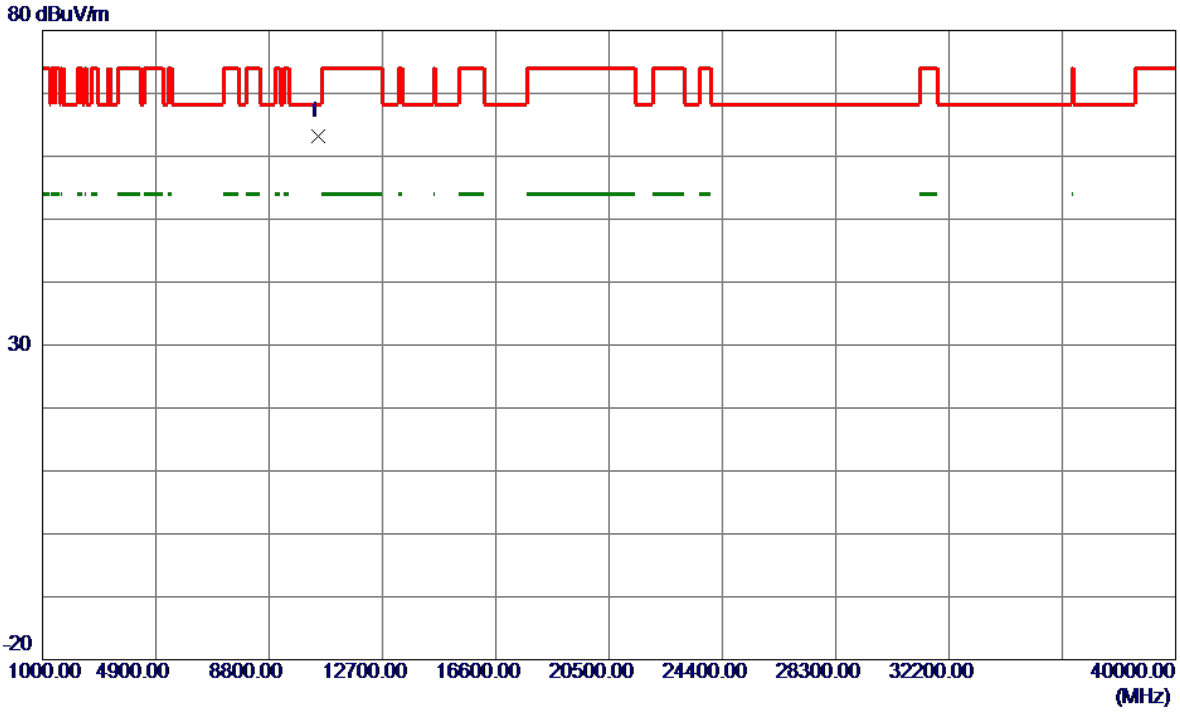
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10402.3000	57.09	6.09	63.18	68.20	-5.02	Peak	

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

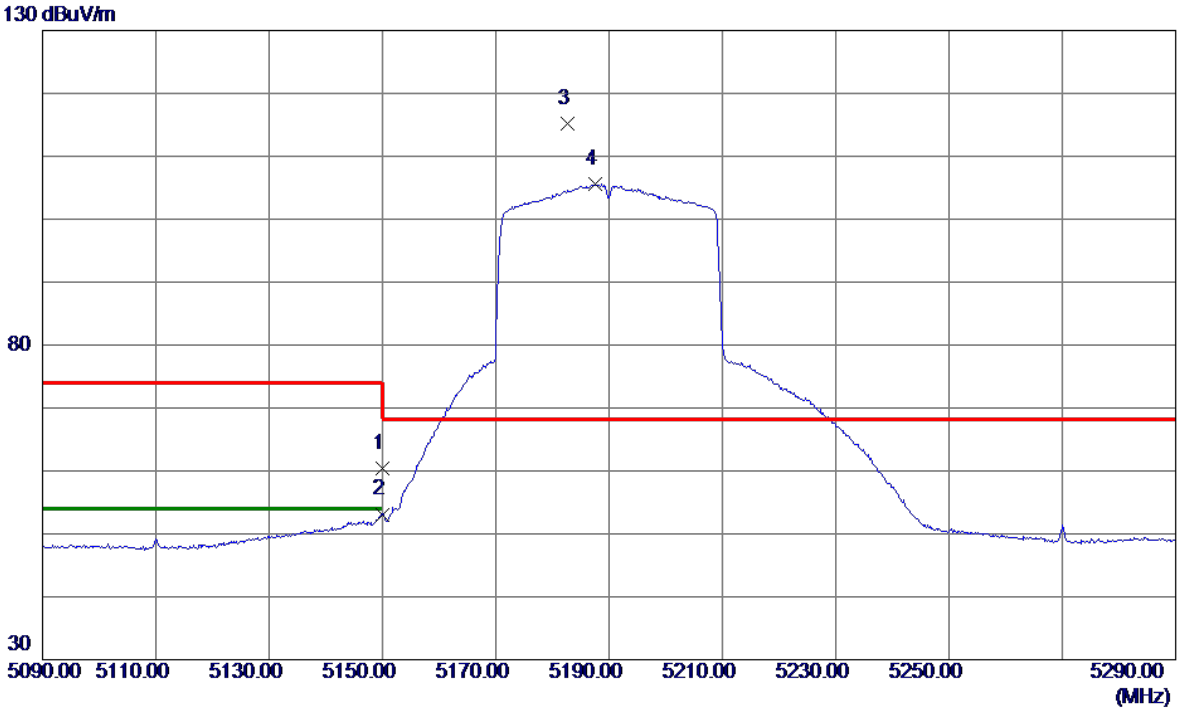
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10482.5500	57.02	6.15	63.17	68.20	-5.03	Peak	

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

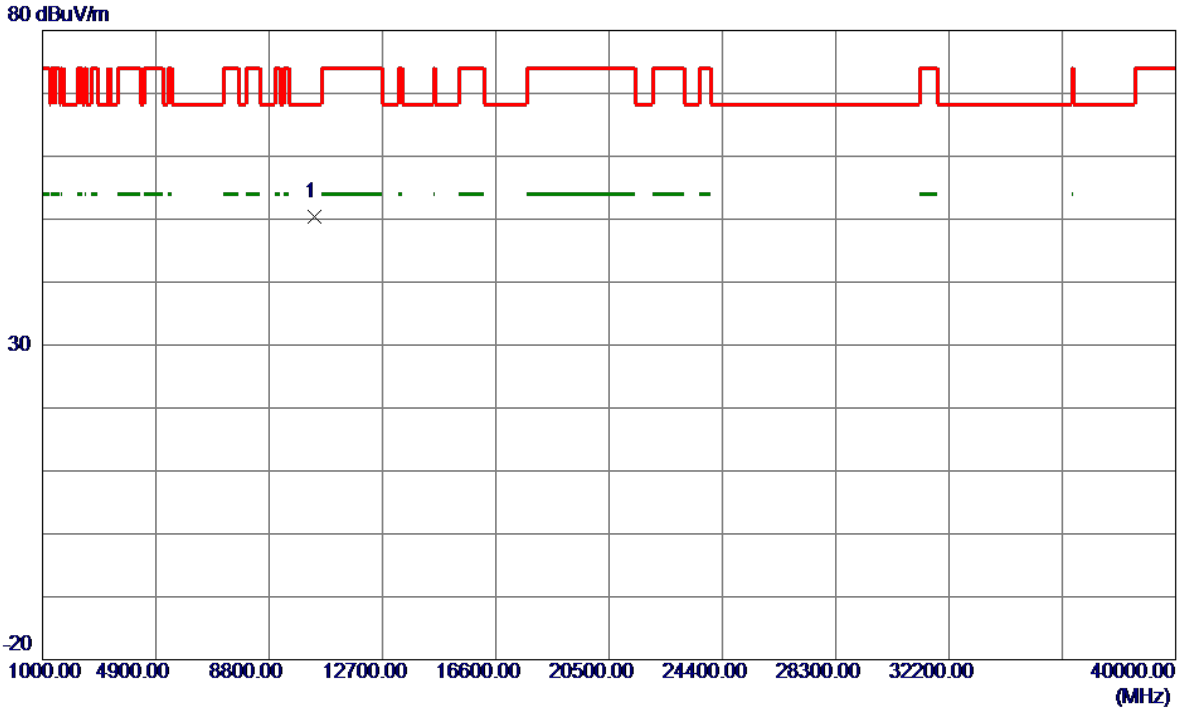
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	48.67	11.75	60.42	74.00	-13.58	Peak	
2	5150.0000	41.35	11.75	53.10	54.00	-0.90	AVG	
3 *	5182.6000	103.35	11.82	115.17	68.20	46.97	Peak	No Limit
4	5187.6000	93.78	11.83	105.61	999.00	-893.39	AVG	No Limit

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

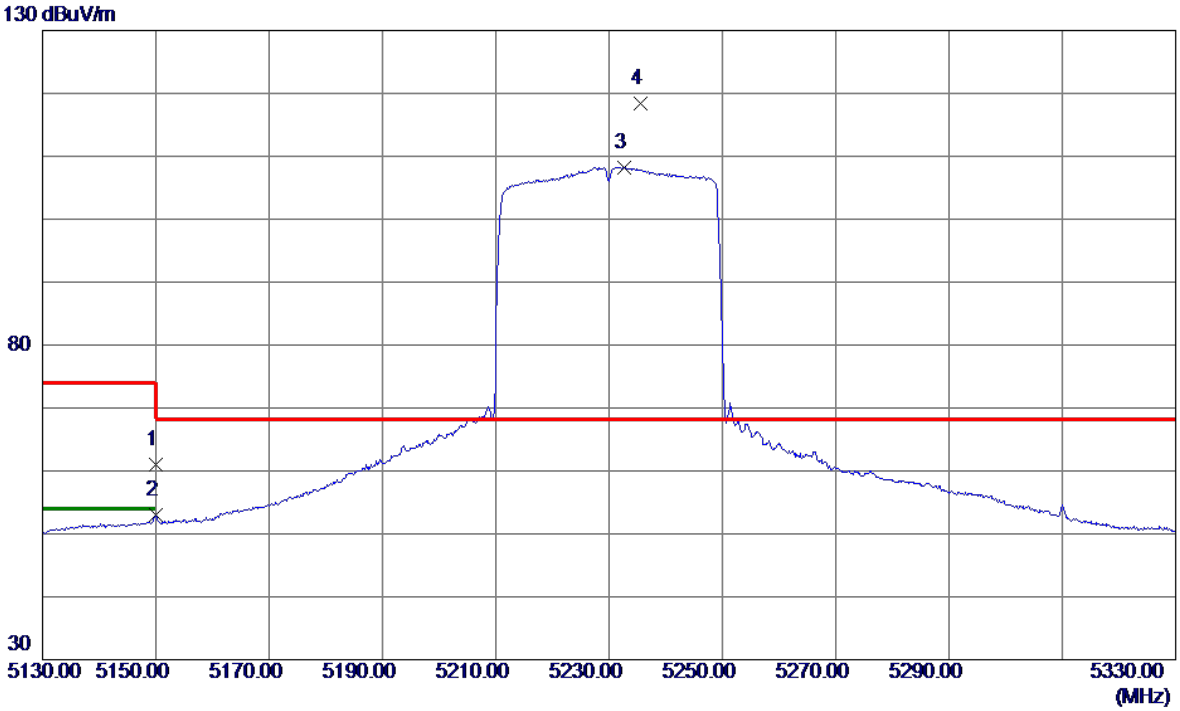
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10363.3500	44.35	6.06	50.41	68.20	-17.79	Peak	

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

Test Mode	UNII-1_TX AX(HE40) 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	49.22	11.75	60.97	74.00	-13.03	Peak	
2	5150.0000	41.33	11.75	53.08	54.00	-0.92	AVG	
3	5232.6000	96.34	11.94	108.28	999.00	-890.72	AVG	No Limit
4 *	5235.5000	106.54	11.94	118.48	68.20	50.28	Peak	No Limit

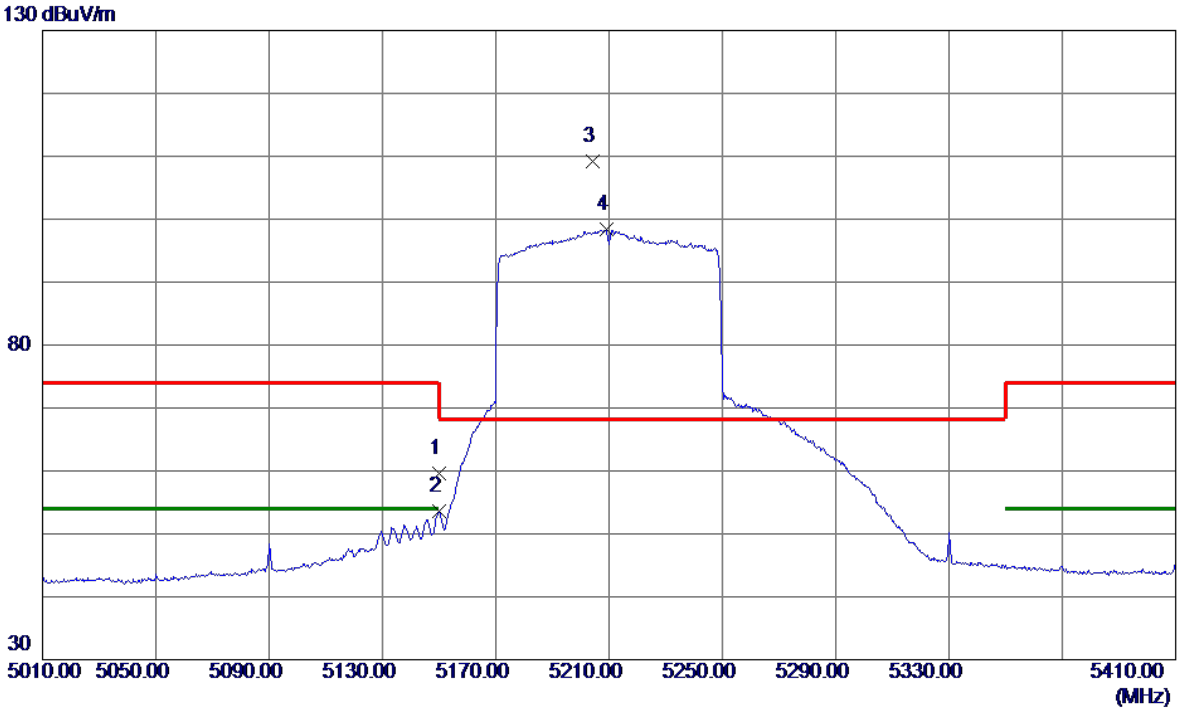
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	UNII-1_TX AX(HE40) 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 *	10456.9000	44.59	6.13	50.72	68.20	-17.48	Peak	

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

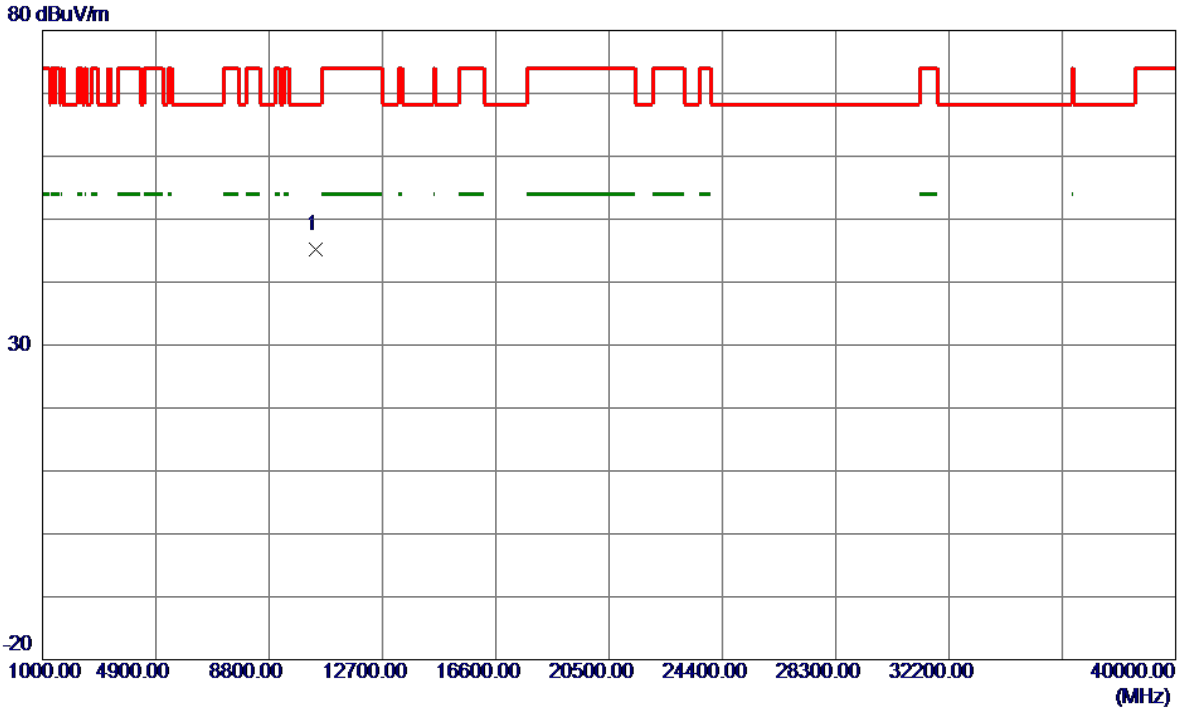
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	47.94	11.75	59.69	74.00	-14.31	Peak	
2	5150.0000	41.89	11.75	53.64	54.00	-0.36	AVG	
3 *	5204.4000	97.33	11.87	109.20	68.20	41.00	Peak	No Limit
4	5209.0000	86.46	11.88	98.34	999.00	-900.66	AVG	No Limit

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

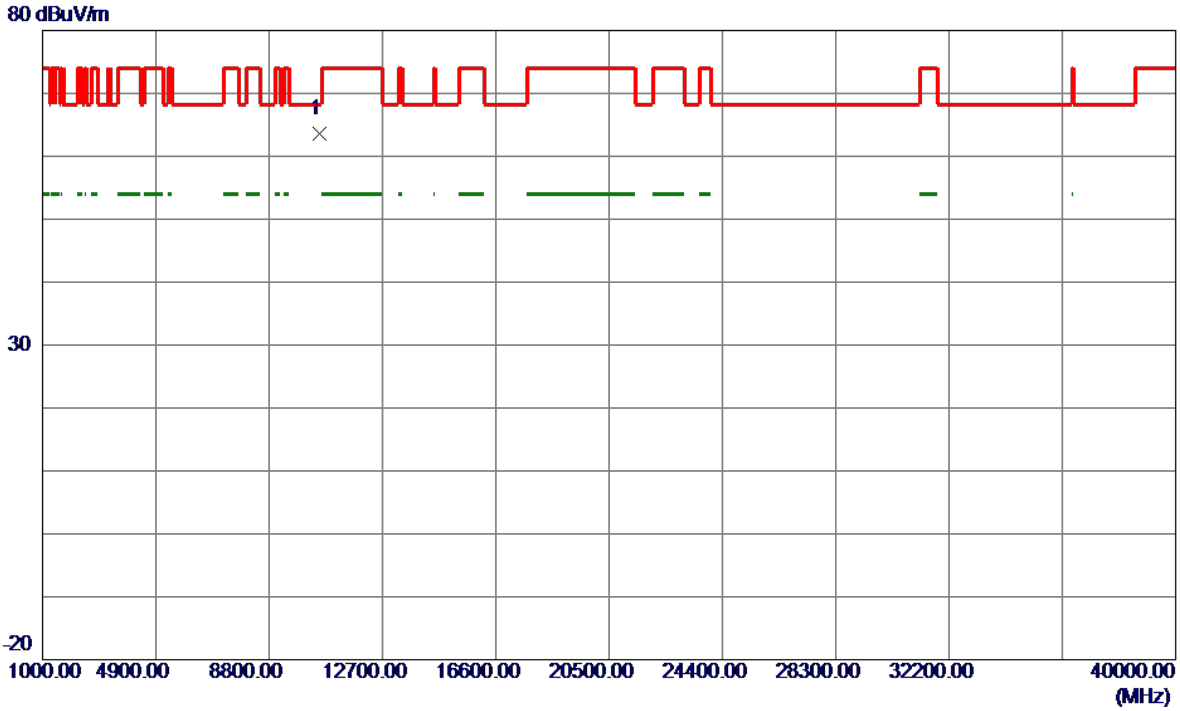
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10424.8850	39.09	6.11	45.20	68.20	-23.00	Peak	

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

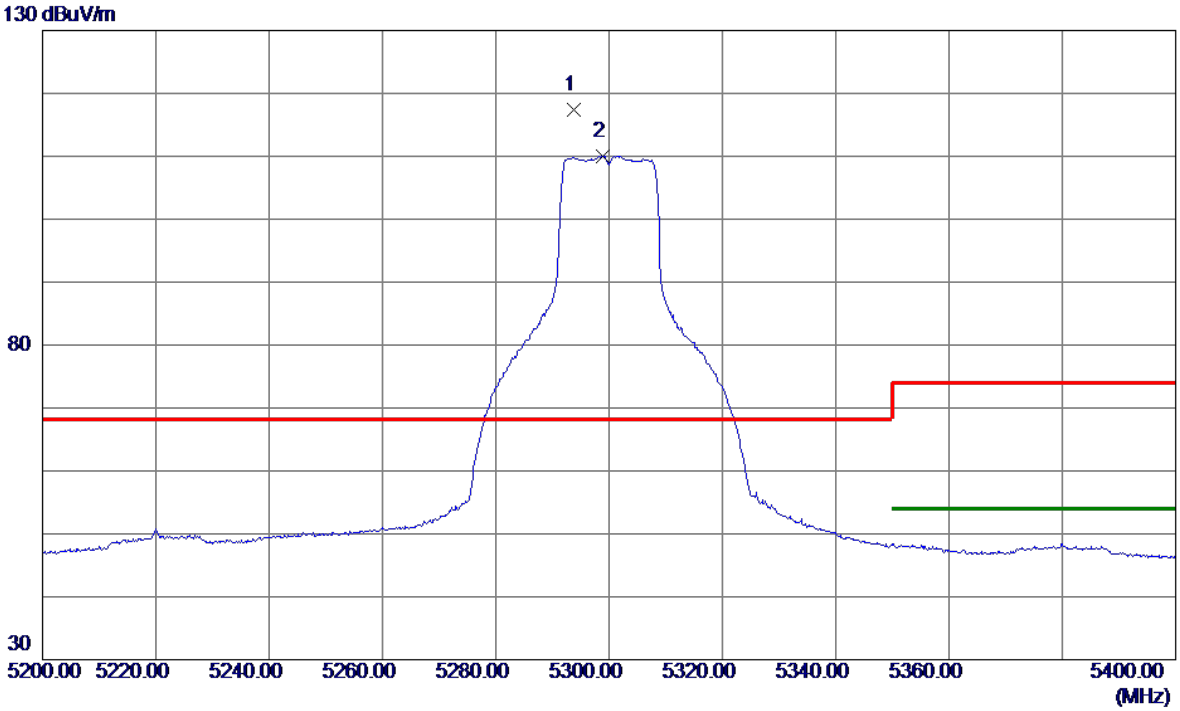
Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10517.8000	57.47	6.16	63.63	68.20	-4.57	Peak	

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

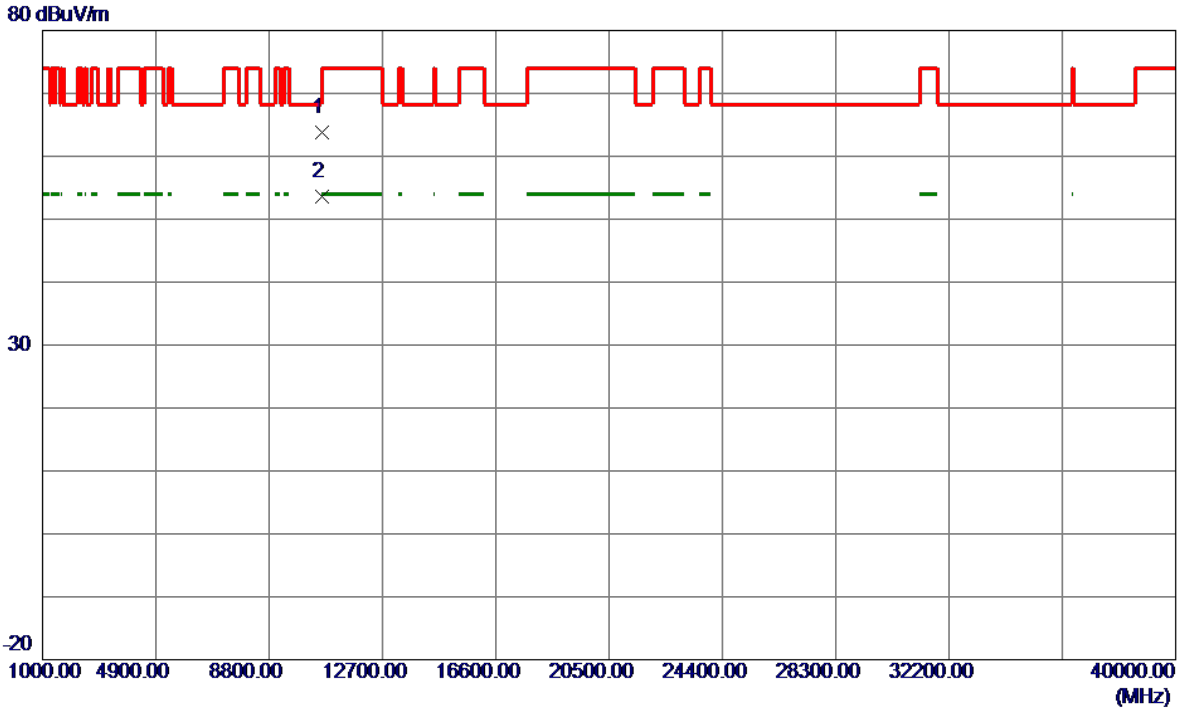
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5293.8000	105.36	12.08	117.44	68.20	49.24	Peak	No Limit
2	5298.8000	97.99	12.09	110.08	999.00	-888.92	AVG	No Limit

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

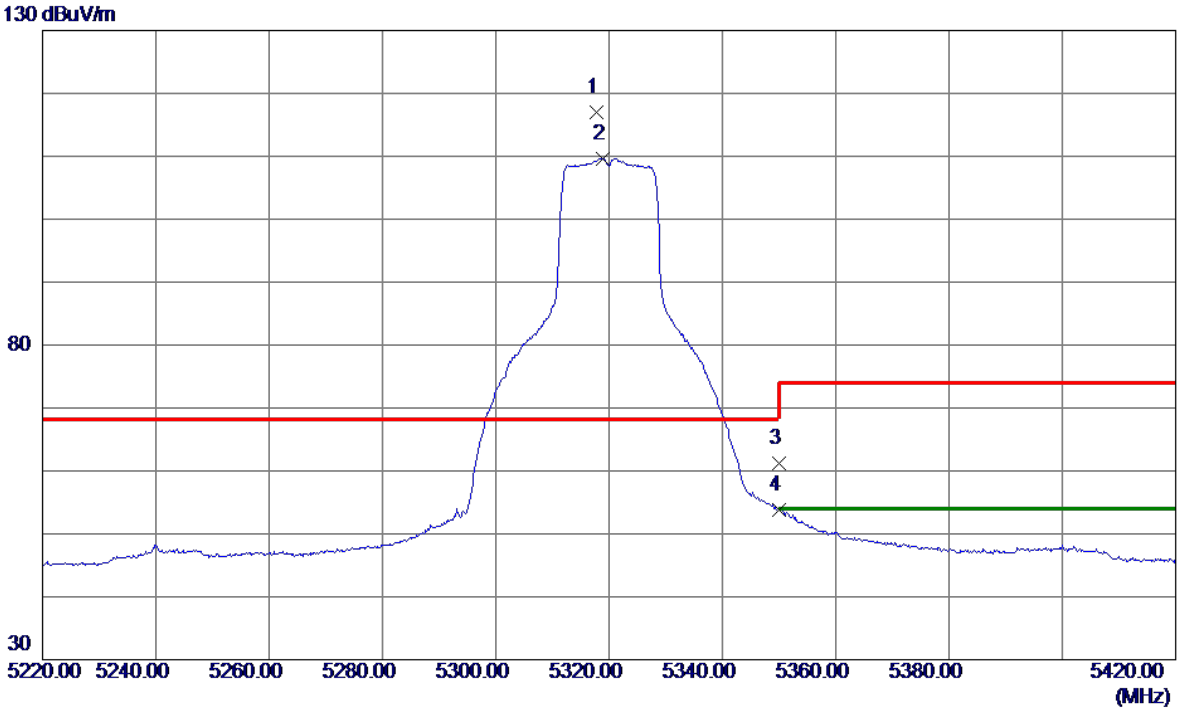
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.5500	57.58	6.19	63.77	68.20	-4.43	Peak	
2 *	10601.2500	47.32	6.19	53.51	54.00	-0.49	AVG	

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

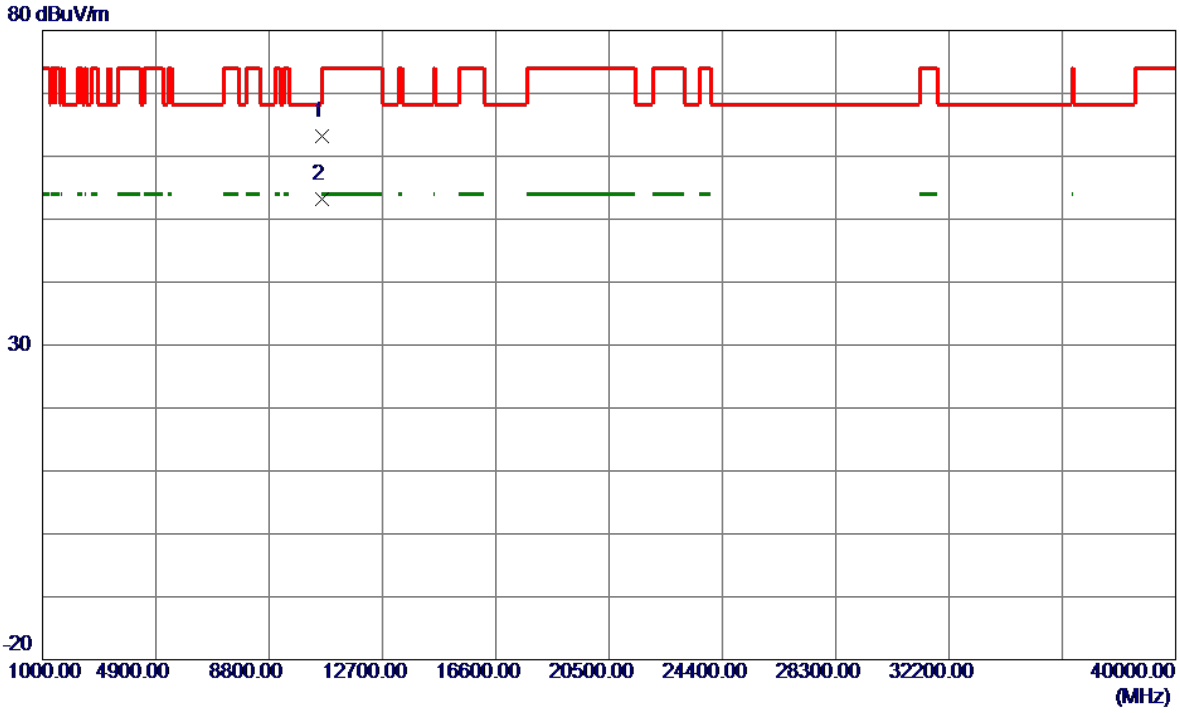
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5317.8000	104.82	12.13	116.95	68.20	48.75	Peak	No Limit
2	5318.8000	97.48	12.14	109.62	999.00	-889.38	AVG	No Limit
3	5350.0000	48.95	12.21	61.16	74.00	-12.84	Peak	
4	5350.0000	41.53	12.21	53.74	54.00	-0.26	AVG	

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

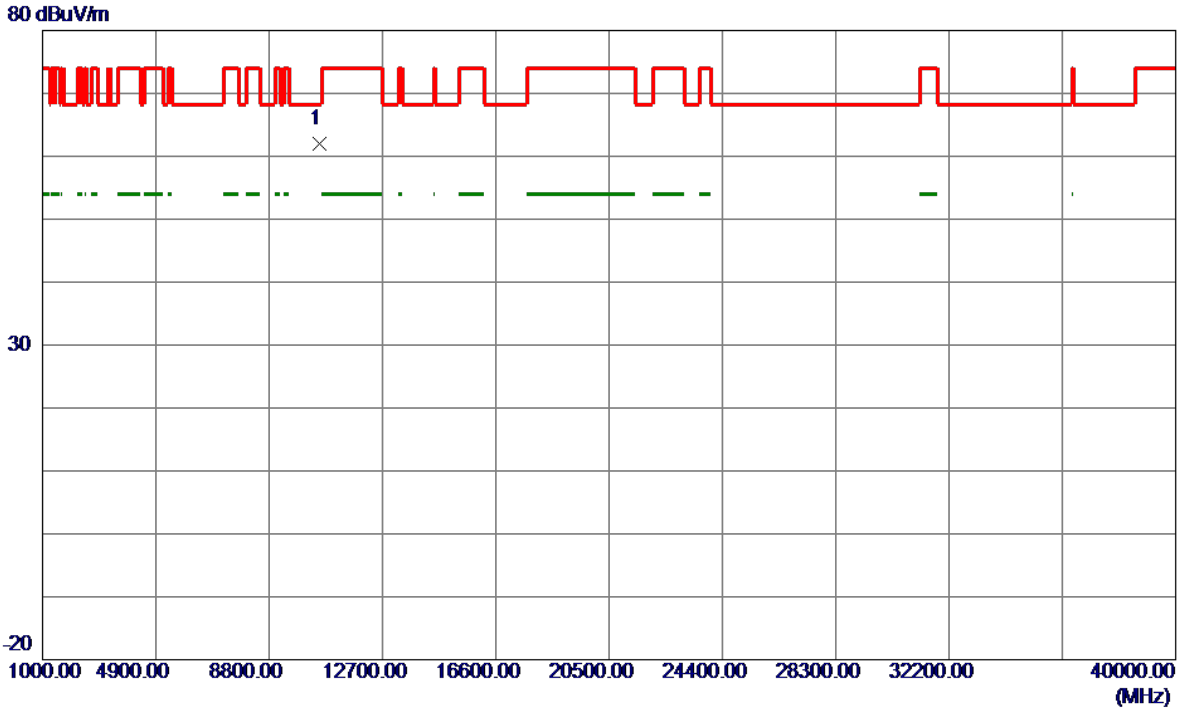
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10638.2000	57.02	6.20	63.22	74.00	-10.78	Peak	
2 *	10638.9500	47.00	6.20	53.20	54.00	-0.80	AVG	

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

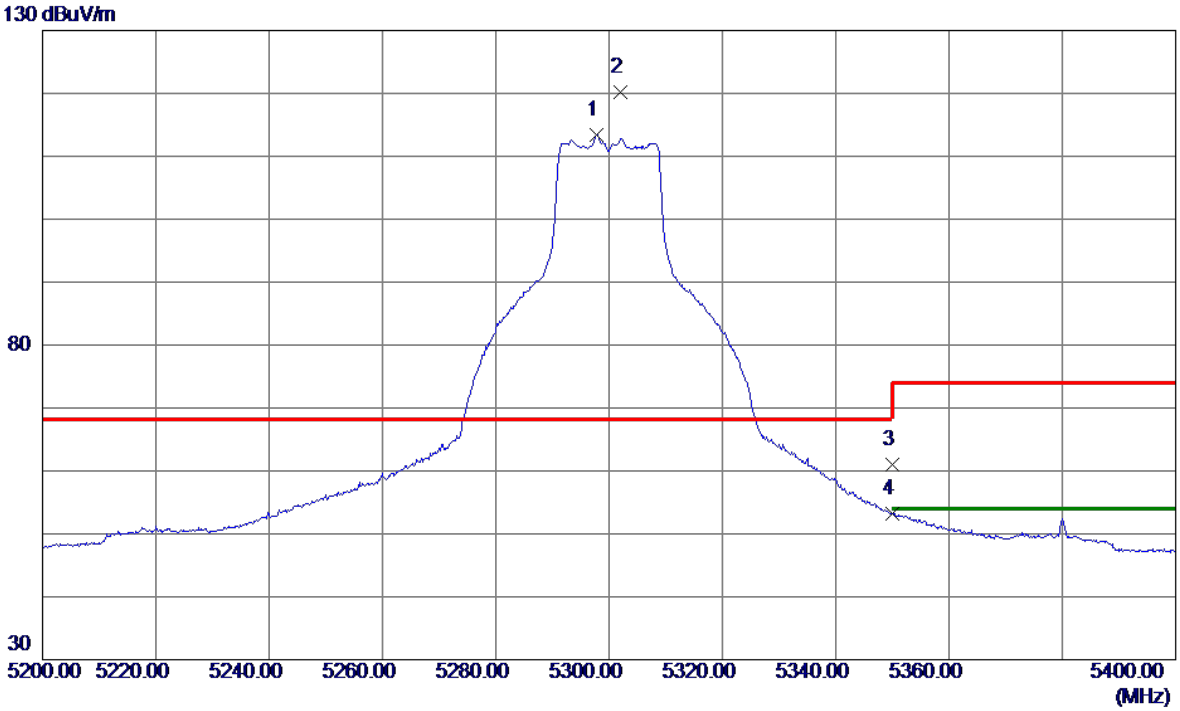
Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10521.5000	55.79	6.17	61.96	68.20	-6.24	Peak	

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

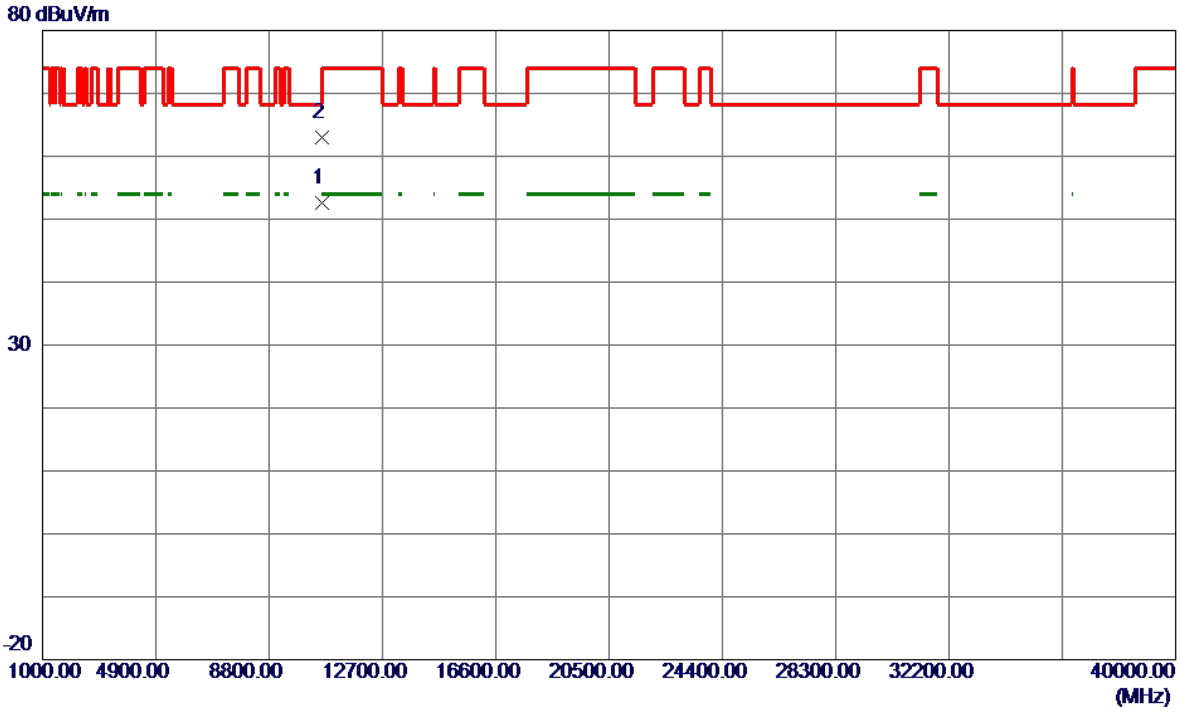
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5297.8000	101.36	12.09	113.45	999.00	-885.55	AVG	No Limit
2 *	5302.0000	108.15	12.10	120.25	68.20	52.05	Peak	No Limit
3	5350.0000	48.74	12.21	60.95	74.00	-13.05	Peak	
4	5350.0000	40.92	12.21	53.13	54.00	-0.87	AVG	

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

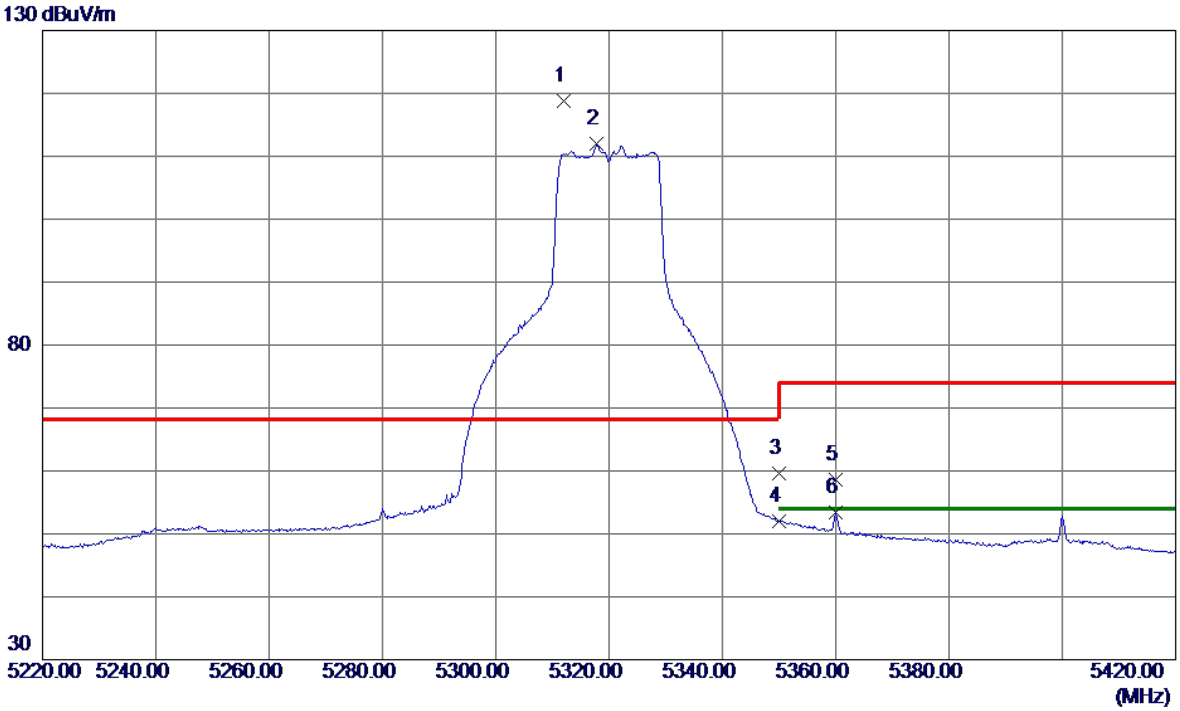
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10601.5500	46.32	6.19	52.51	54.00	-1.49	AVG	
2	10605.1000	56.85	6.19	63.04	74.00	-10.96	Peak	

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

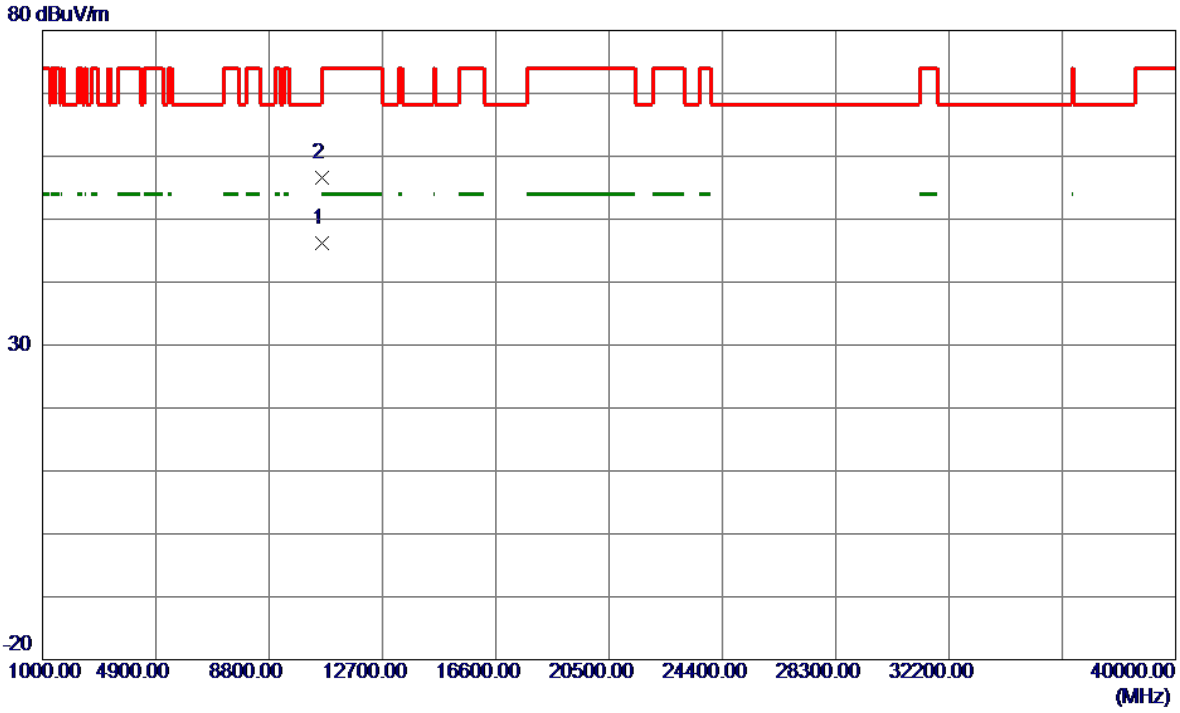
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5312.0000	106.64	12.12	118.76	68.20	50.56	Peak	No Limit
2	5317.8000	99.80	12.13	111.93	999.00	-887.07	AVG	No Limit
3	5350.0000	47.35	12.21	59.56	74.00	-14.44	Peak	
4	5350.0000	39.86	12.21	52.07	54.00	-1.93	AVG	
5	5359.9000	46.33	12.23	58.56	74.00	-15.44	Peak	
6	5359.9000	41.24	12.23	53.47	54.00	-0.53	AVG	

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

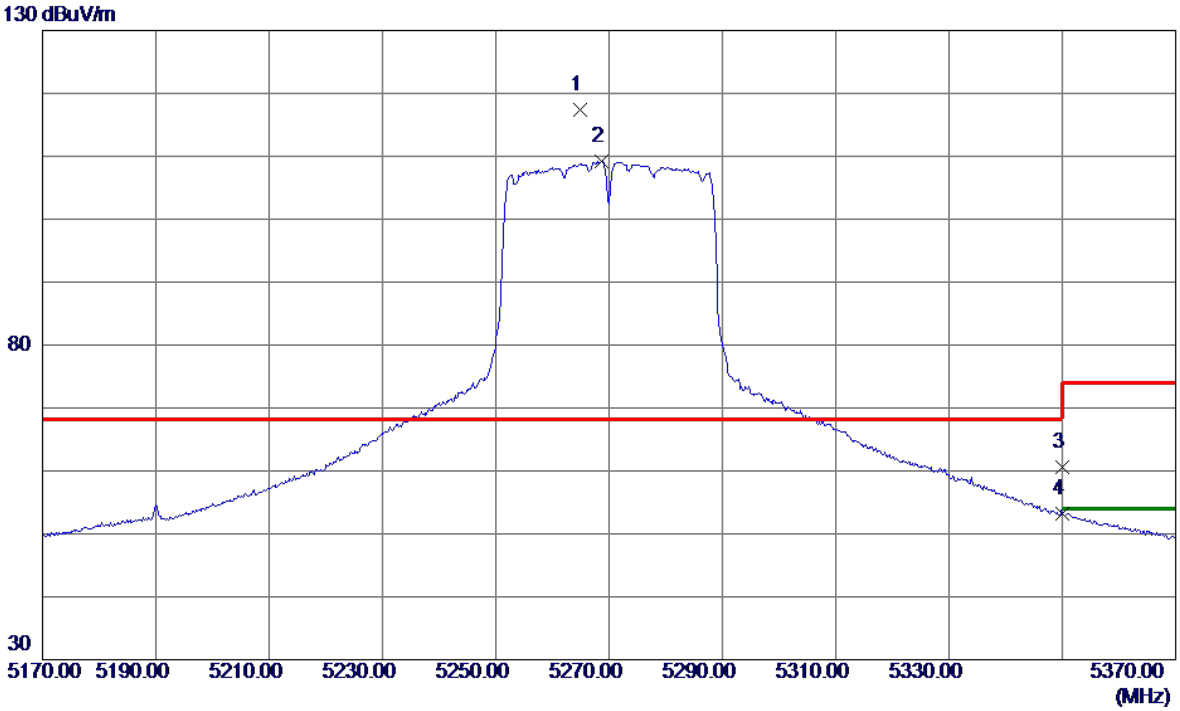
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10638.6500	40.05	6.20	46.25	54.00	-7.75	AVG	
2	10640.9500	50.41	6.20	56.61	74.00	-17.39	Peak	

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

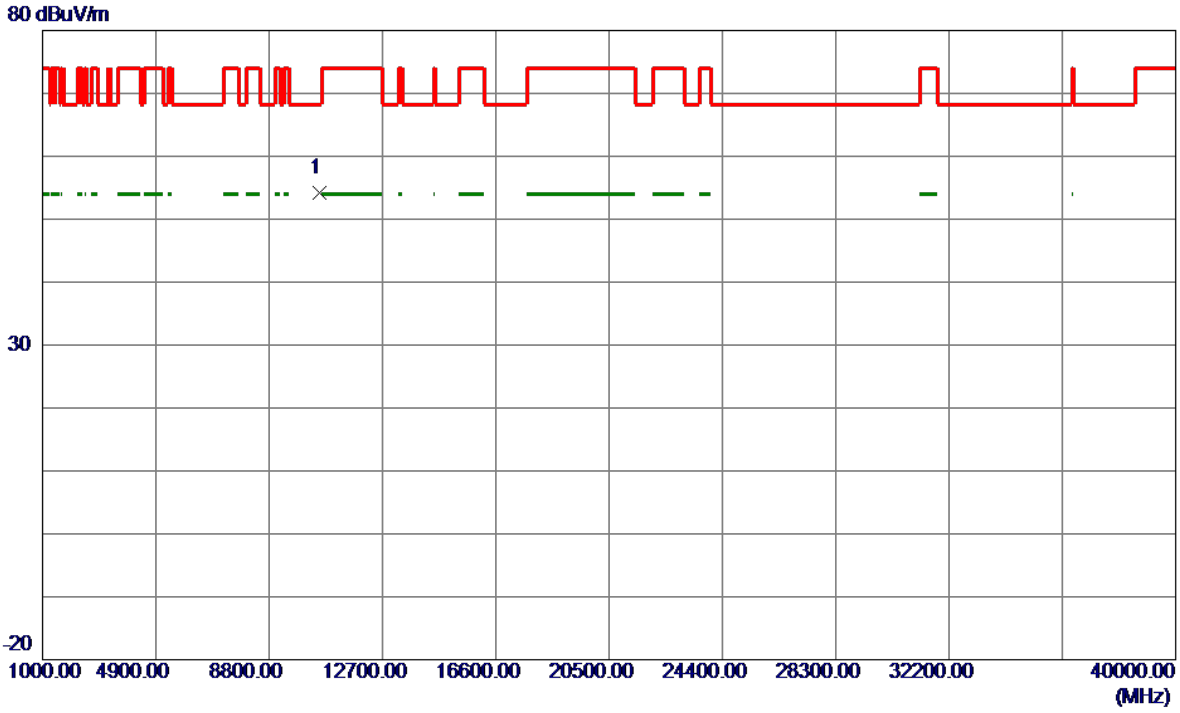
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5264.8000	105.46	12.01	117.47	68.20	49.27	Peak	No Limit
2	5268.6000	97.17	12.02	109.19	999.00	-889.81	AVG	No Limit
3	5350.0000	48.35	12.21	60.56	74.00	-13.44	Peak	
4	5350.0000	40.91	12.21	53.12	54.00	-0.88	AVG	

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

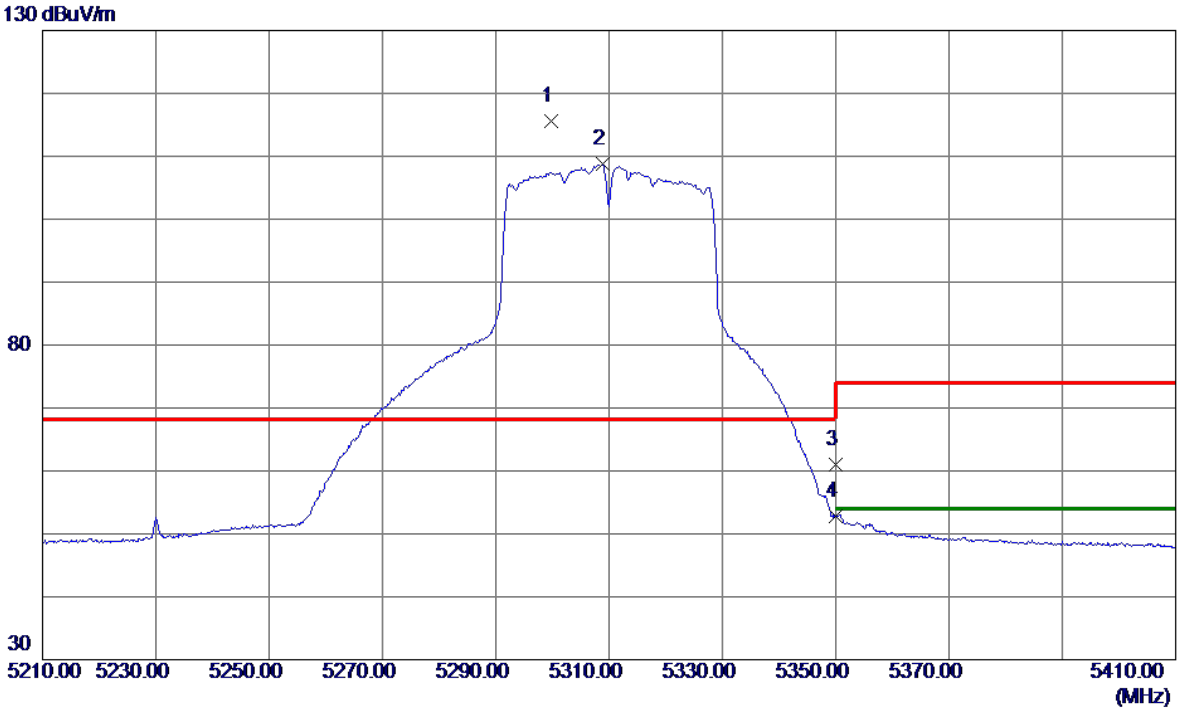
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10536.8500	48.03	6.17	54.20	68.20	-14.00	Peak	

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

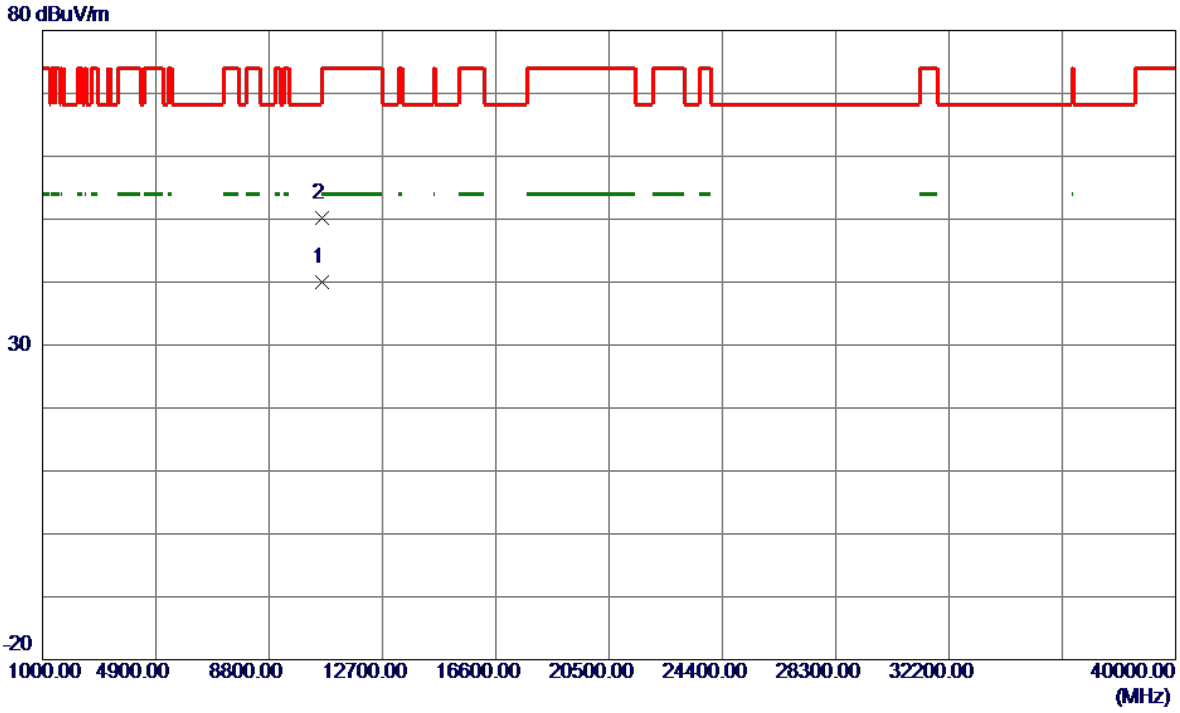
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5299.7000	103.47	12.09	115.56	68.20	47.36	Peak	No Limit
2	5308.9000	96.67	12.11	108.78	999.00	-890.22	AVG	No Limit
3	5350.0000	48.82	12.21	61.03	74.00	-12.97	Peak	
4	5350.0000	40.63	12.21	52.84	54.00	-1.16	AVG	

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

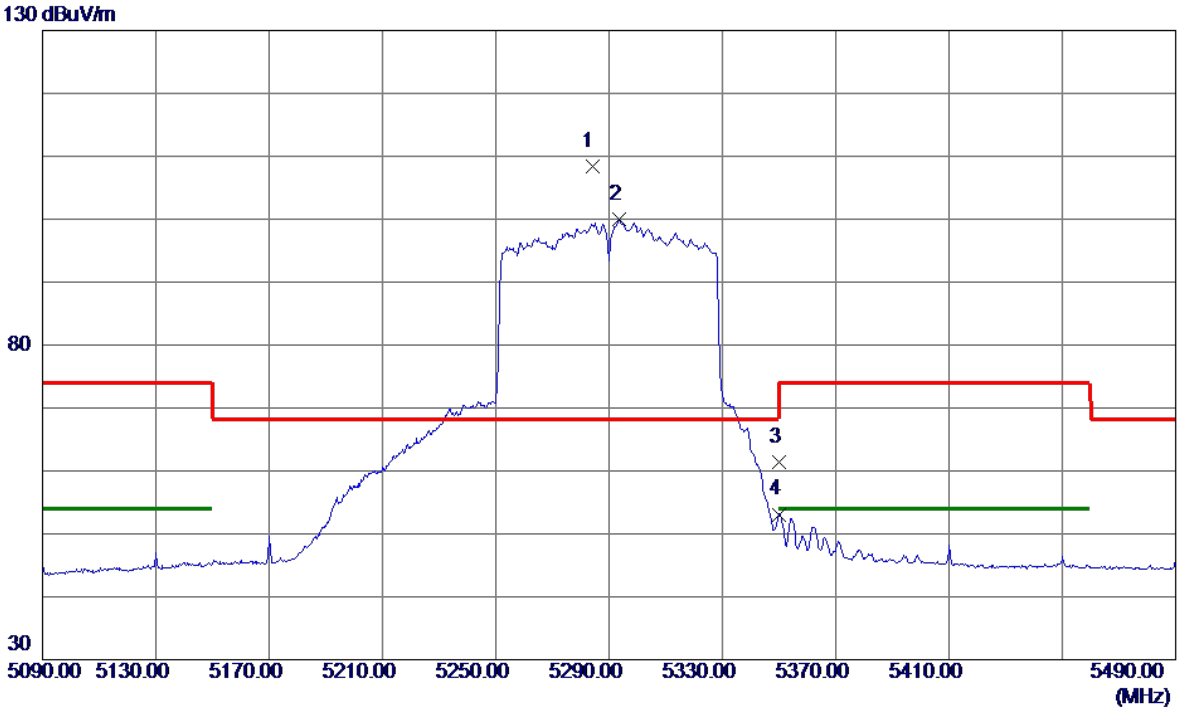
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10619.2000	33.72	6.19	39.91	54.00	-14.09	AVG	
2	10619.4000	44.03	6.19	50.22	74.00	-23.78	Peak	

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

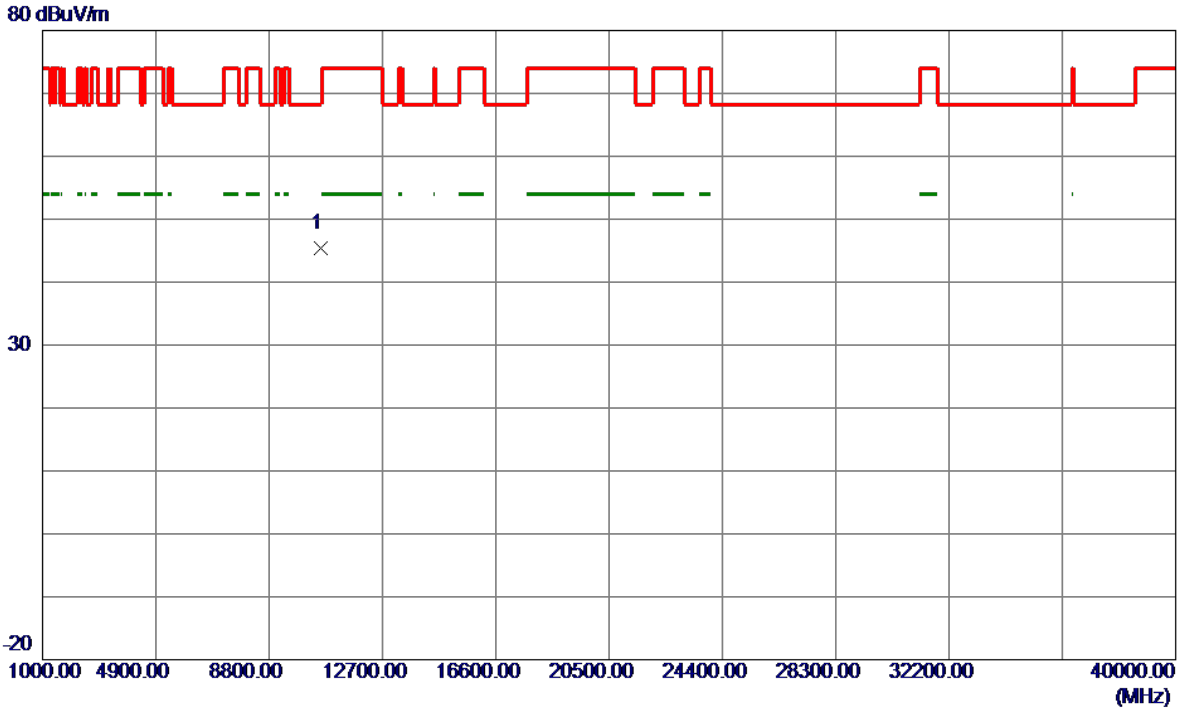
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5284.0000	96.38	12.06	108.44	68.20	40.24	Peak	No Limit
2	5293.6000	87.92	12.08	100.00	999.00	-899.00	AVG	No Limit
3	5350.0000	49.14	12.21	61.35	74.00	-12.65	Peak	
4	5350.0000	40.89	12.21	53.10	54.00	-0.90	AVG	

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

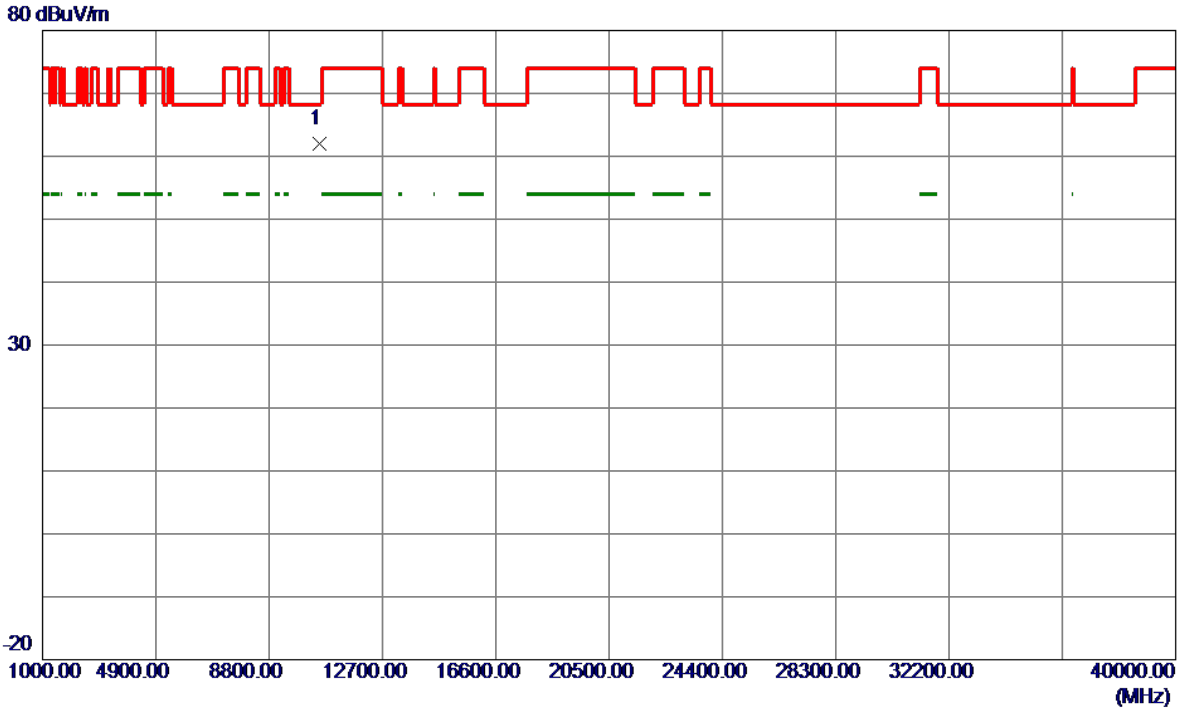
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10584.5850	39.27	6.18	45.45	68.20	-22.75	Peak	

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

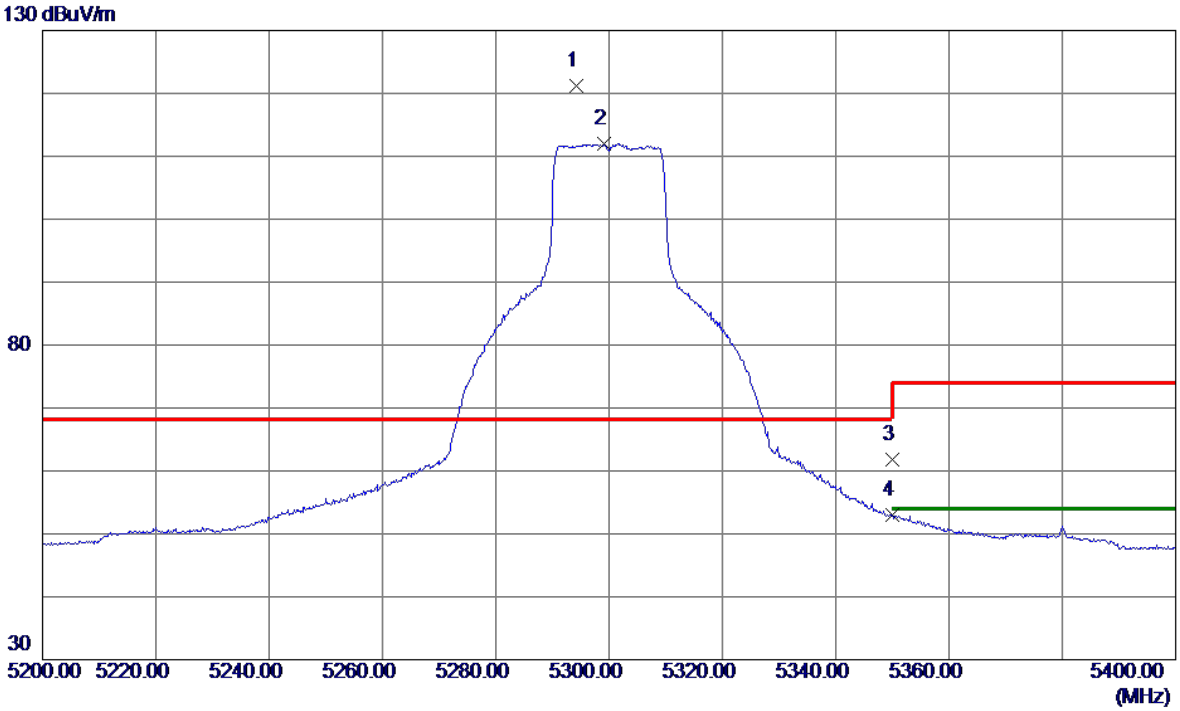
Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10521.9500	55.74	6.17	61.91	68.20	-6.29	Peak	

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

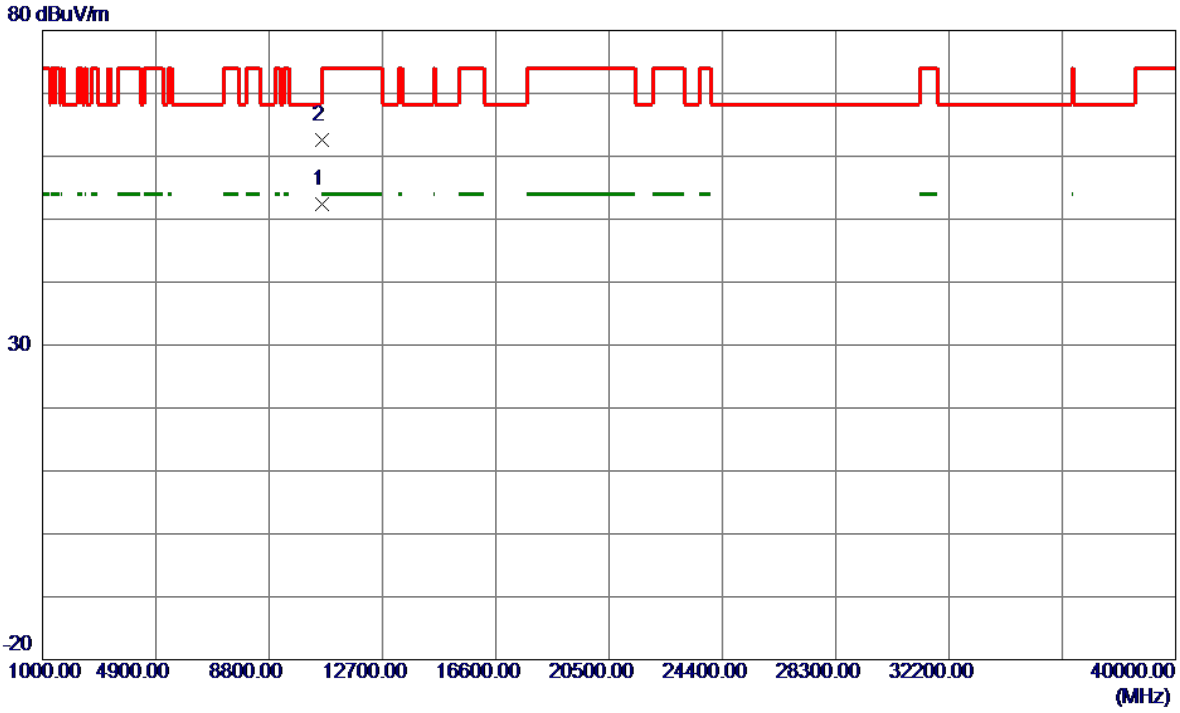
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5294.3000	109.05	12.08	121.13	68.20	52.93	Peak	No Limit
2	5299.2000	99.84	12.09	111.93	999.00	-887.07	AVG	No Limit
3	5350.0000	49.65	12.21	61.86	74.00	-12.14	Peak	
4	5350.0000	40.70	12.21	52.91	54.00	-1.09	AVG	

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

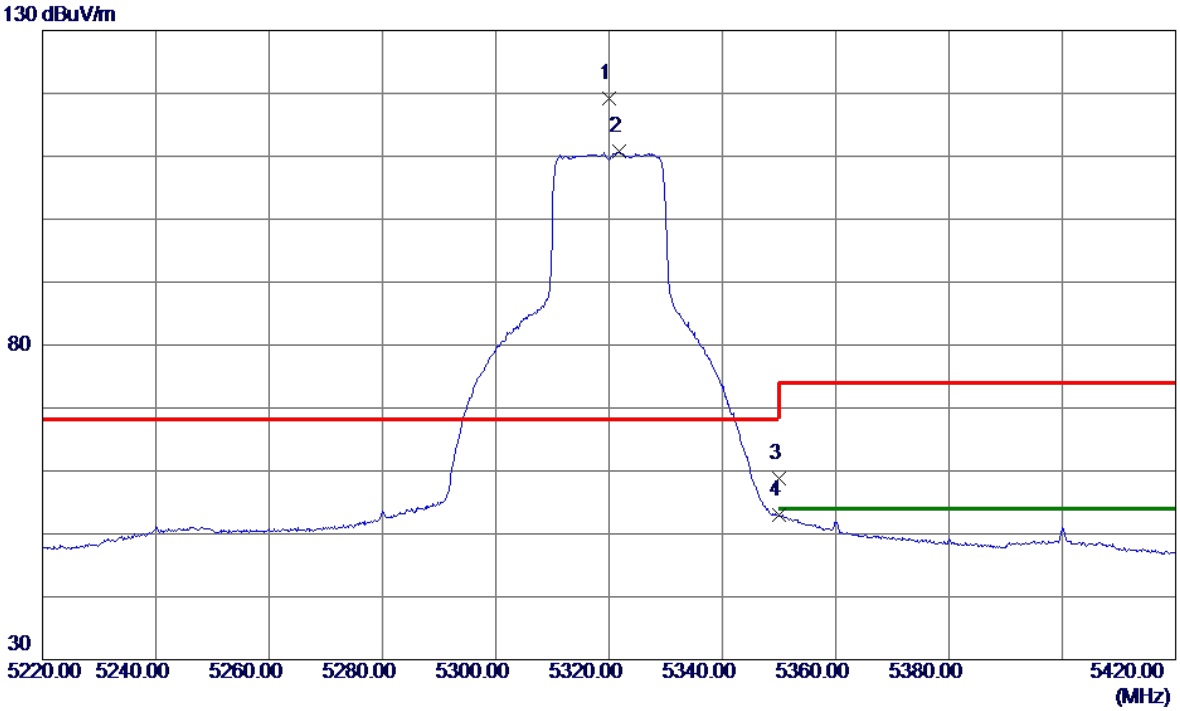
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10600.1500	46.25	6.19	52.44	54.00	-1.56	AVG	
2	10601.7000	56.41	6.19	62.60	74.00	-11.40	Peak	

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

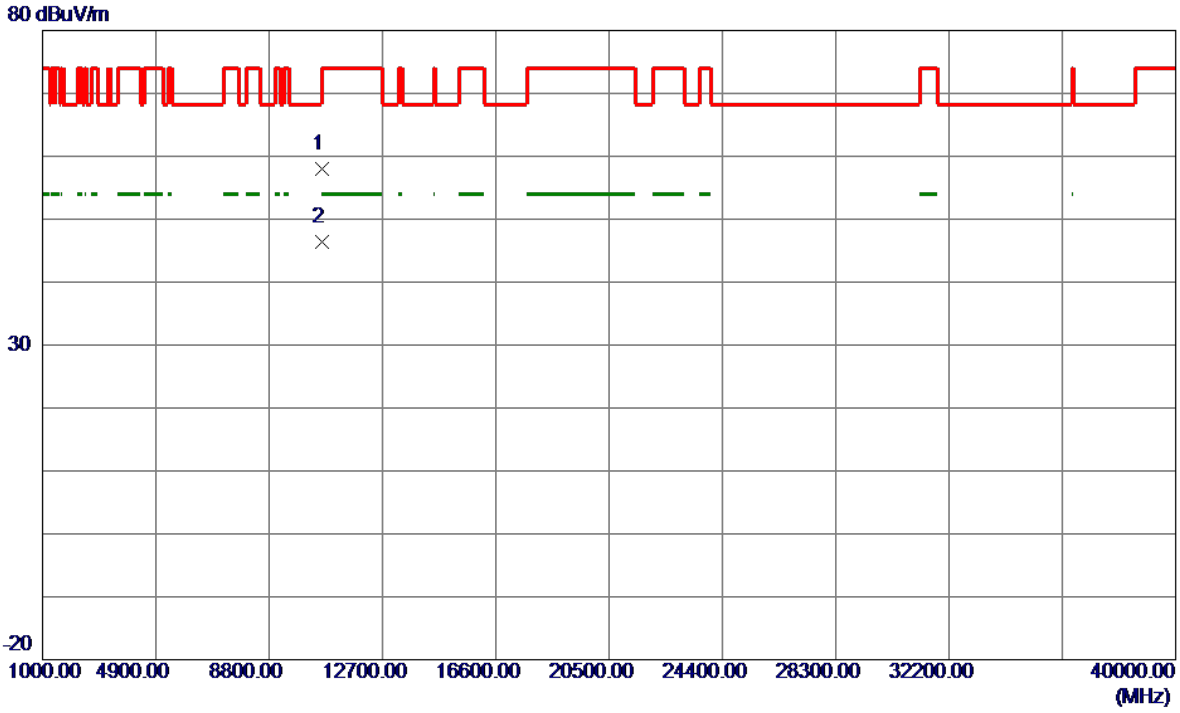
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5319.9000	107.09	12.14	119.23	68.20	51.03	Peak	No Limit
2	5321.7000	98.75	12.14	110.89	999.00	-888.11	AVG	No Limit
3	5350.0000	46.55	12.21	58.76	74.00	-15.24	Peak	
4	5350.0000	40.79	12.21	53.00	54.00	-1.00	AVG	

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

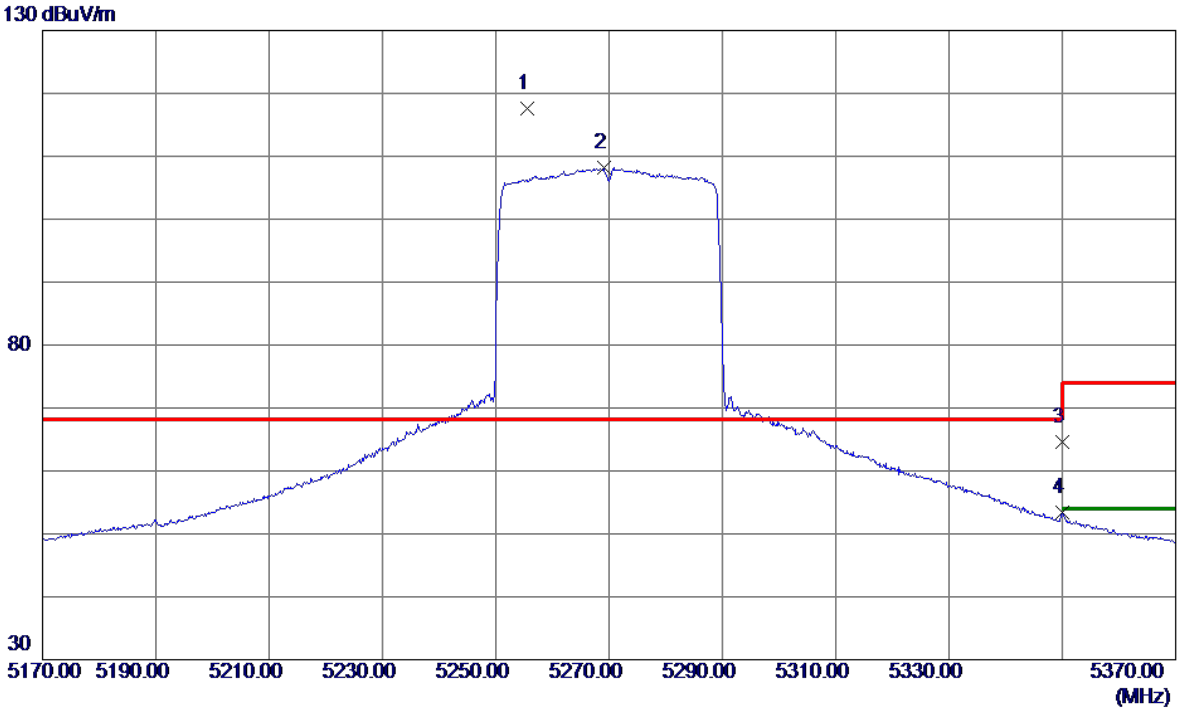
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10639.0000	51.72	6.20	57.92	74.00	-16.08	Peak	
2 *	10639.1000	40.29	6.20	46.49	54.00	-7.51	AVG	

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

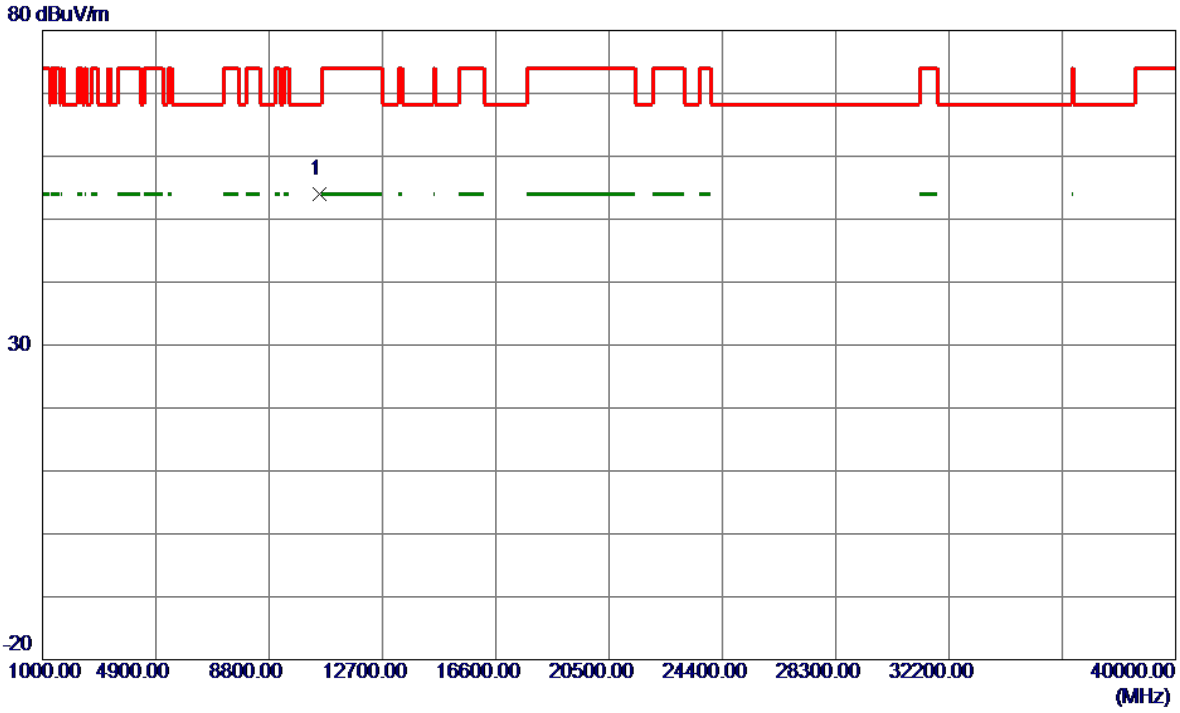
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5255.5000	105.58	11.99	117.57	68.20	49.37	Peak	No Limit
2	5269.1000	96.10	12.02	108.12	999.00	-890.88	AVG	No Limit
3	5350.0000	52.31	12.21	64.52	74.00	-9.48	Peak	
4	5350.0000	41.11	12.21	53.32	54.00	-0.68	AVG	

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

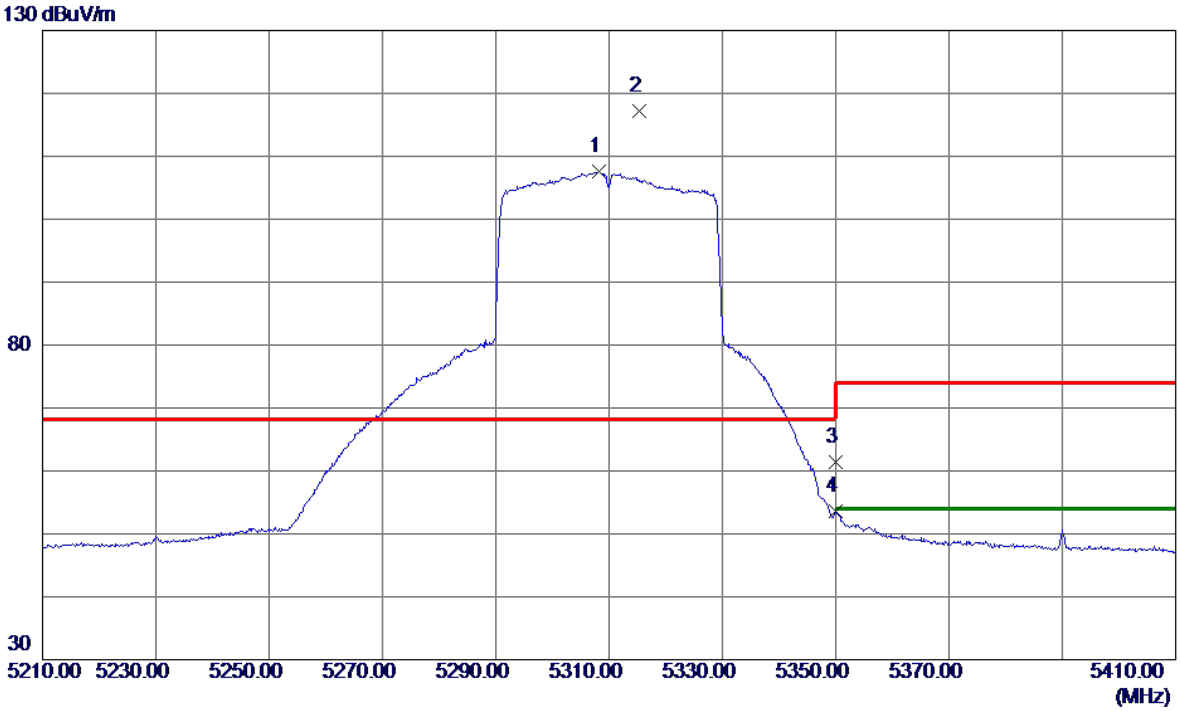
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10540.6500	47.92	6.17	54.09	68.20	-14.11	Peak	

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

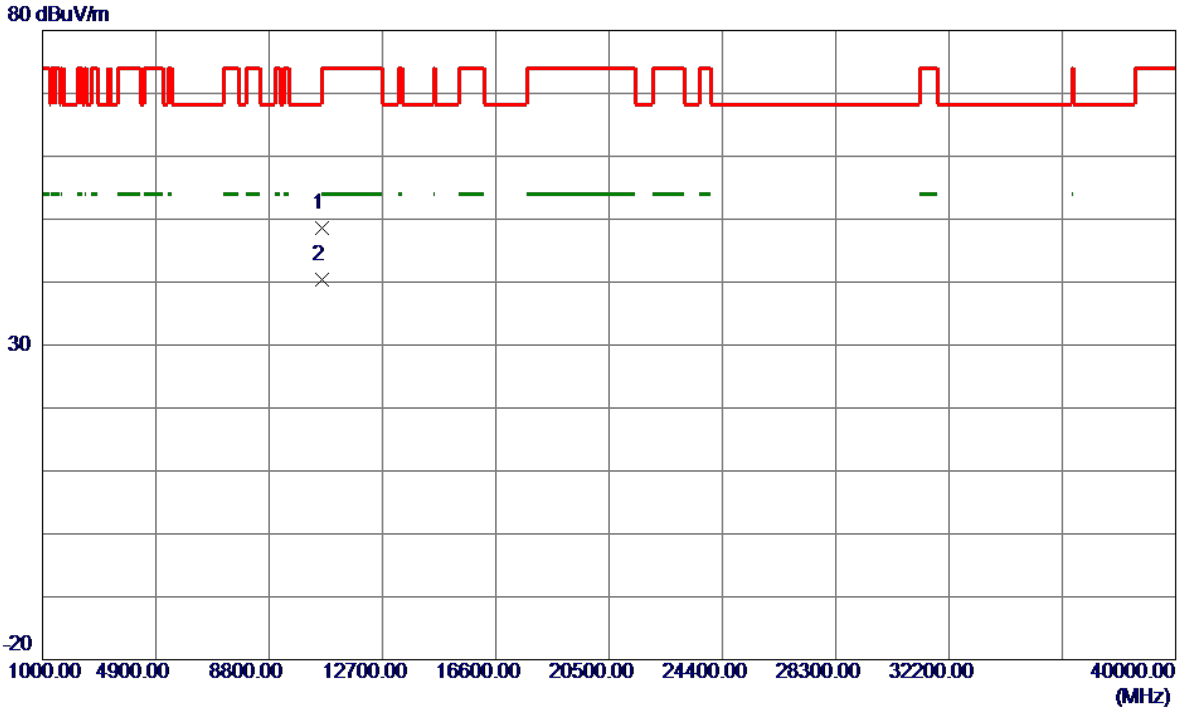
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5308.2000	95.41	12.11	107.52	999.00	-891.48	AVG	No Limit
2 *	5315.4000	105.07	12.13	117.20	68.20	49.00	Peak	No Limit
3	5350.0000	49.13	12.21	61.34	74.00	-12.66	Peak	
4	5350.0000	41.45	12.21	53.66	54.00	-0.34	AVG	

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

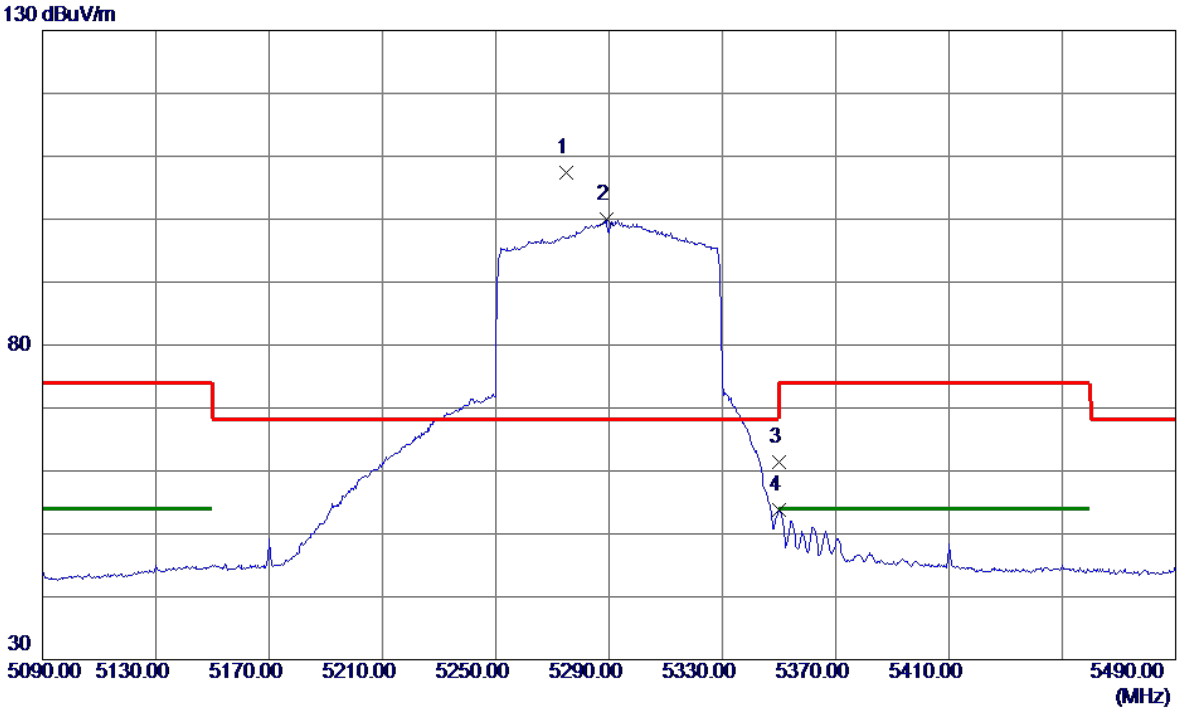
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10614.8500	42.46	6.19	48.65	74.00	-25.35	Peak	
2 *	10624.0500	34.22	6.19	40.41	54.00	-13.59	AVG	

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

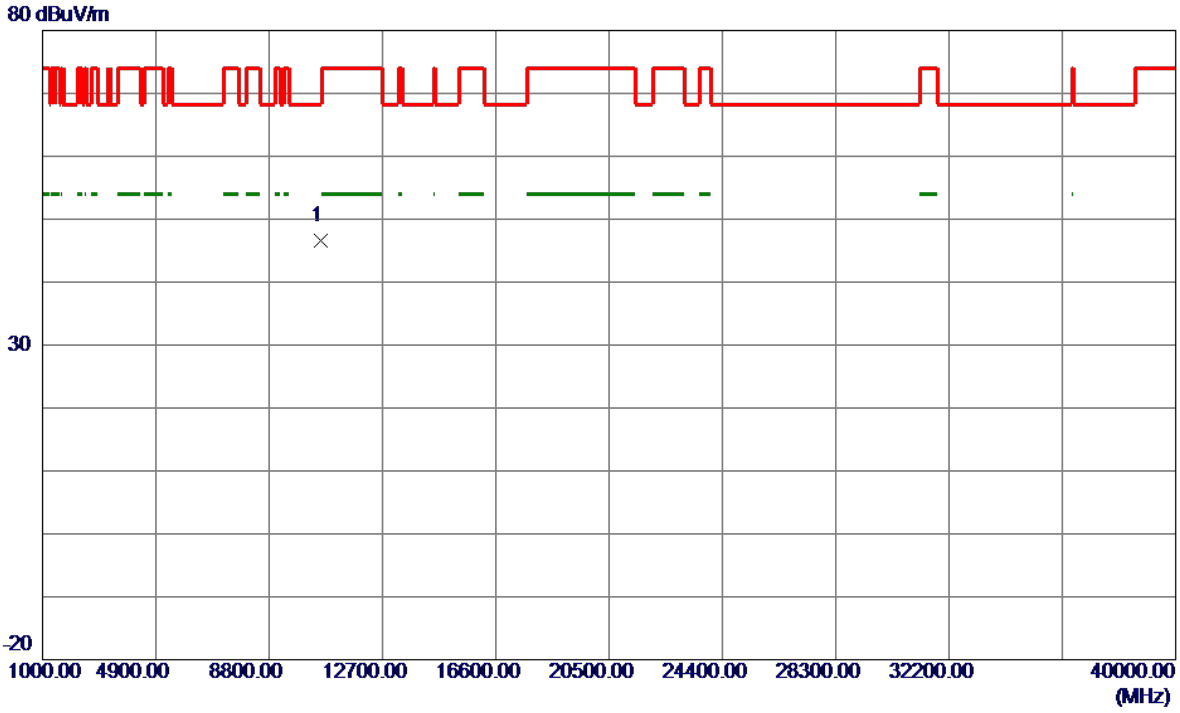
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5275.0000	95.31	12.04	107.35	68.20	39.15	Peak	No Limit
2	5289.0000	87.88	12.07	99.95	999.00	-899.05	AVG	No Limit
3	5350.0000	49.13	12.21	61.34	74.00	-12.66	Peak	
4	5350.0000	41.67	12.21	53.88	54.00	-0.12	AVG	

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

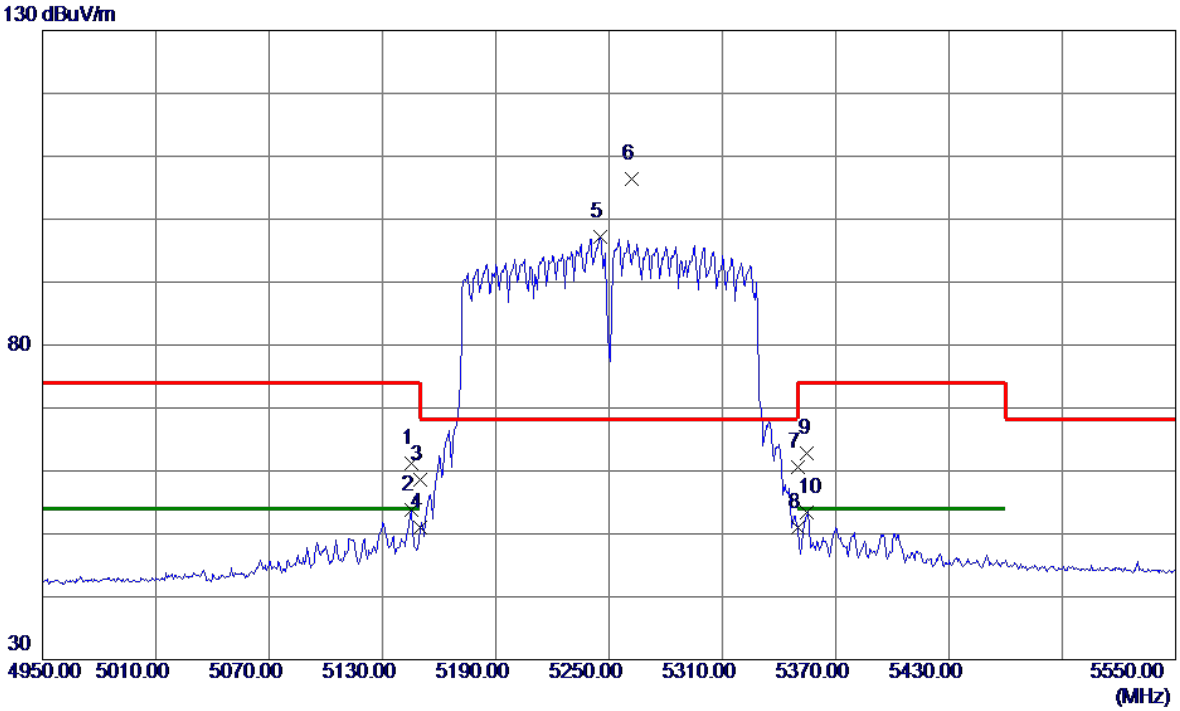
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10576.6950	40.42	6.18	46.60	68.20	-21.60	Peak	

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

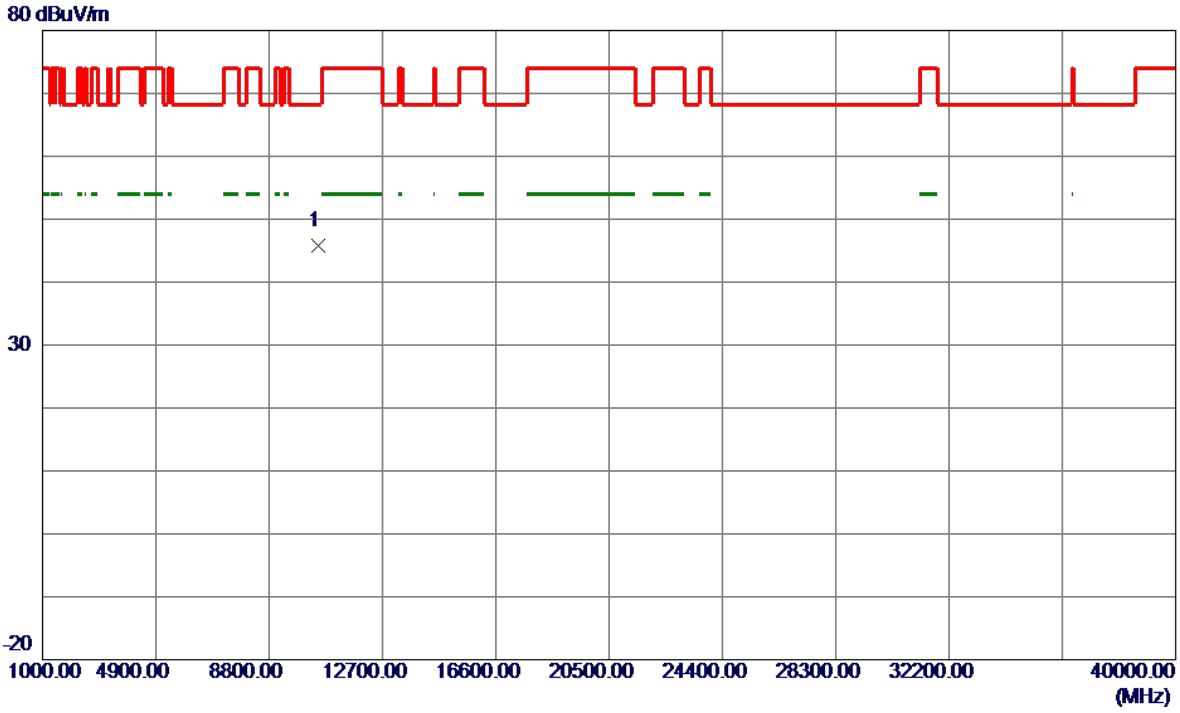
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5145.3000	49.49	11.74	61.23	74.00	-12.77	Peak	
2	5145.3000	42.03	11.74	53.77	54.00	-0.23	AVG	
3	5150.0000	46.86	11.75	58.61	74.00	-15.39	Peak	
4	5150.0000	39.22	11.75	50.97	54.00	-3.03	AVG	
5	5245.2000	85.24	11.97	97.21	999.00	-901.79	AVG	No Limit
6 *	5262.0000	94.36	12.01	106.37	68.20	38.17	Peak	No Limit
7	5350.0000	48.48	12.21	60.69	74.00	-13.31	Peak	
8	5350.0000	38.75	12.21	50.96	54.00	-3.04	AVG	
9	5355.0000	50.55	12.22	62.77	74.00	-11.23	Peak	
10	5355.0000	41.17	12.22	53.39	54.00	-0.61	AVG	

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

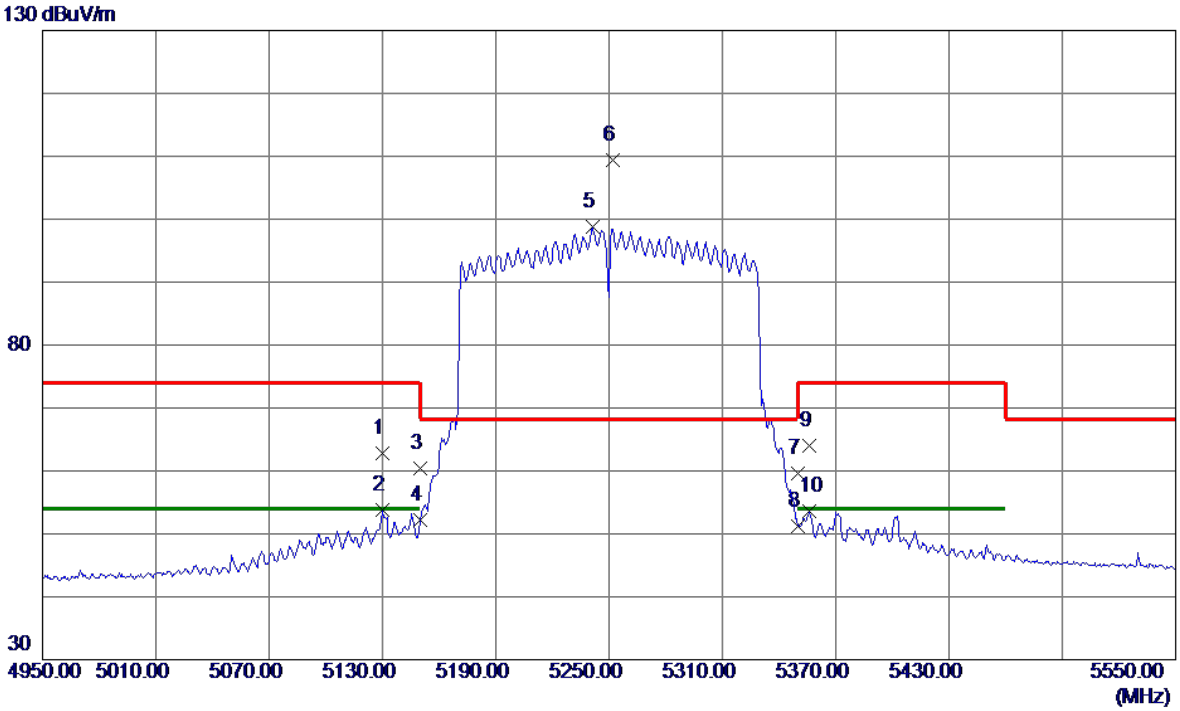
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10503.1100	39.60	6.16	45.76	68.20	-22.44	Peak	

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

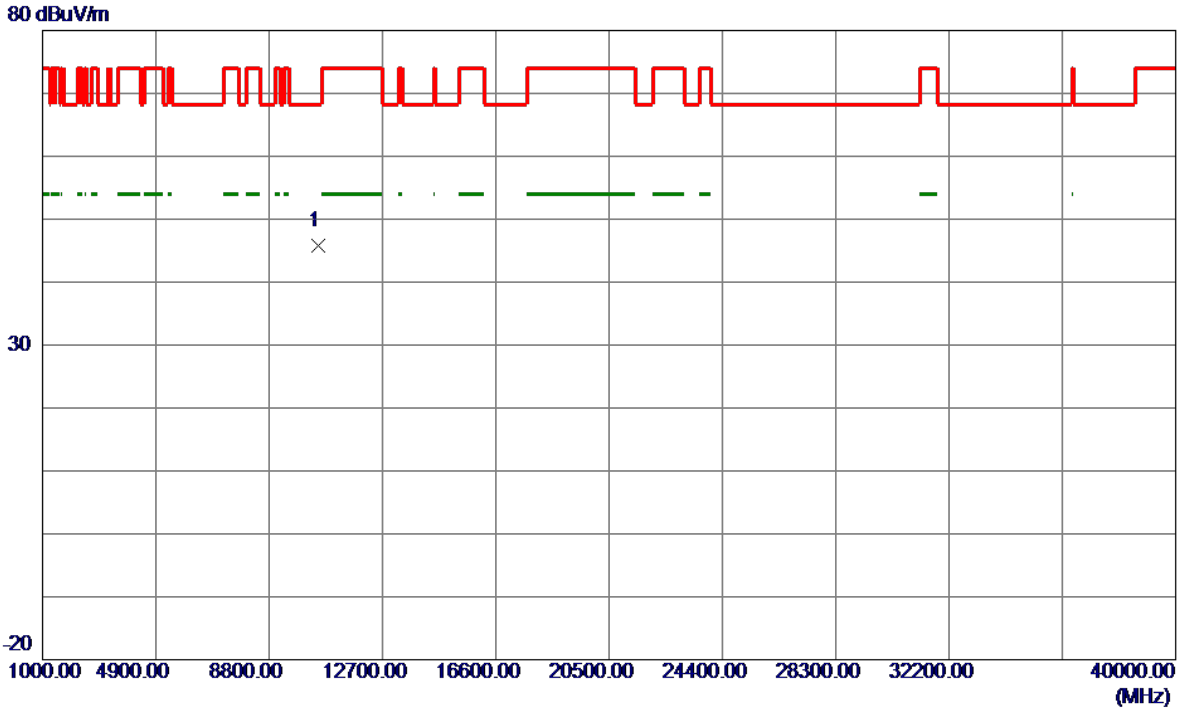
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5130.0000	51.03	11.70	62.73	74.00	-11.27	Peak	
2	5130.0000	42.03	11.70	53.73	54.00	-0.27	AVG	
3	5150.0000	48.68	11.75	60.43	74.00	-13.57	Peak	
4	5150.0000	40.41	11.75	52.16	54.00	-1.84	AVG	
5	5241.3000	86.79	11.96	98.75	999.00	-900.25	AVG	No Limit
6 *	5251.8000	97.51	11.98	109.49	68.20	41.29	Peak	No Limit
7	5350.0000	47.48	12.21	59.69	74.00	-14.31	Peak	
8	5350.0000	38.95	12.21	51.16	54.00	-2.84	AVG	
9	5356.2000	51.84	12.22	64.06	74.00	-9.94	Peak	
10	5356.2000	41.32	12.22	53.54	54.00	-0.46	AVG	

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

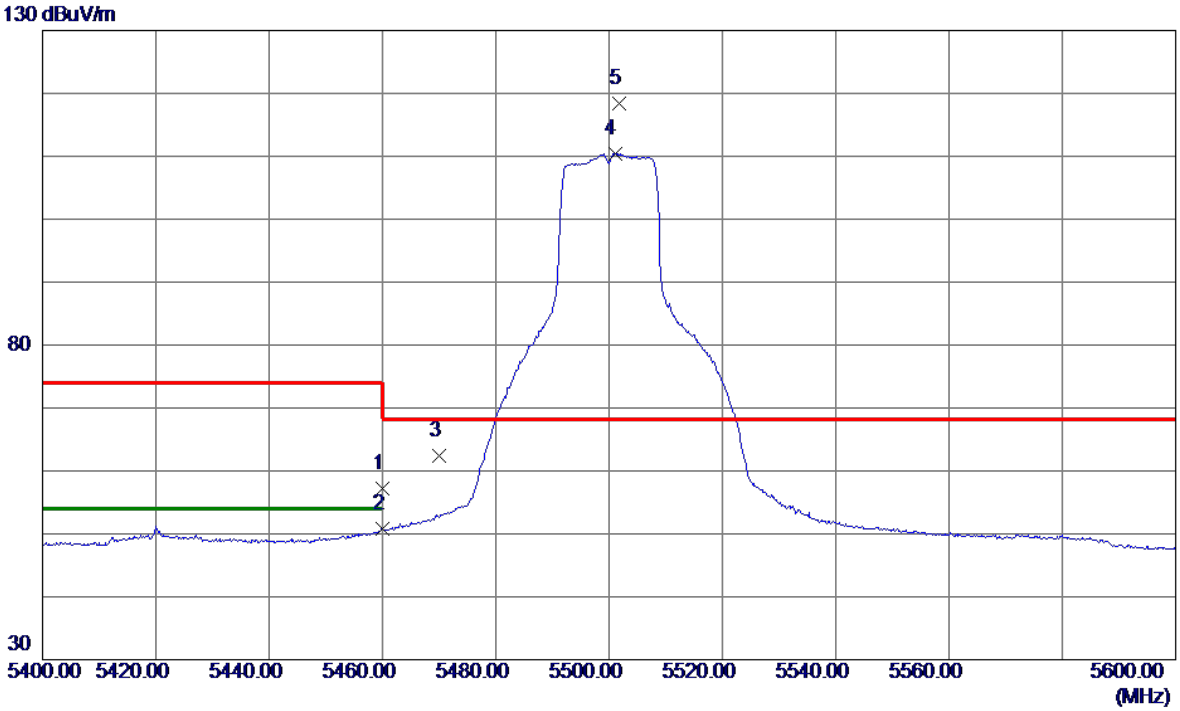
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10504.2699	39.68	6.16	45.84	68.20	-22.36	Peak	

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

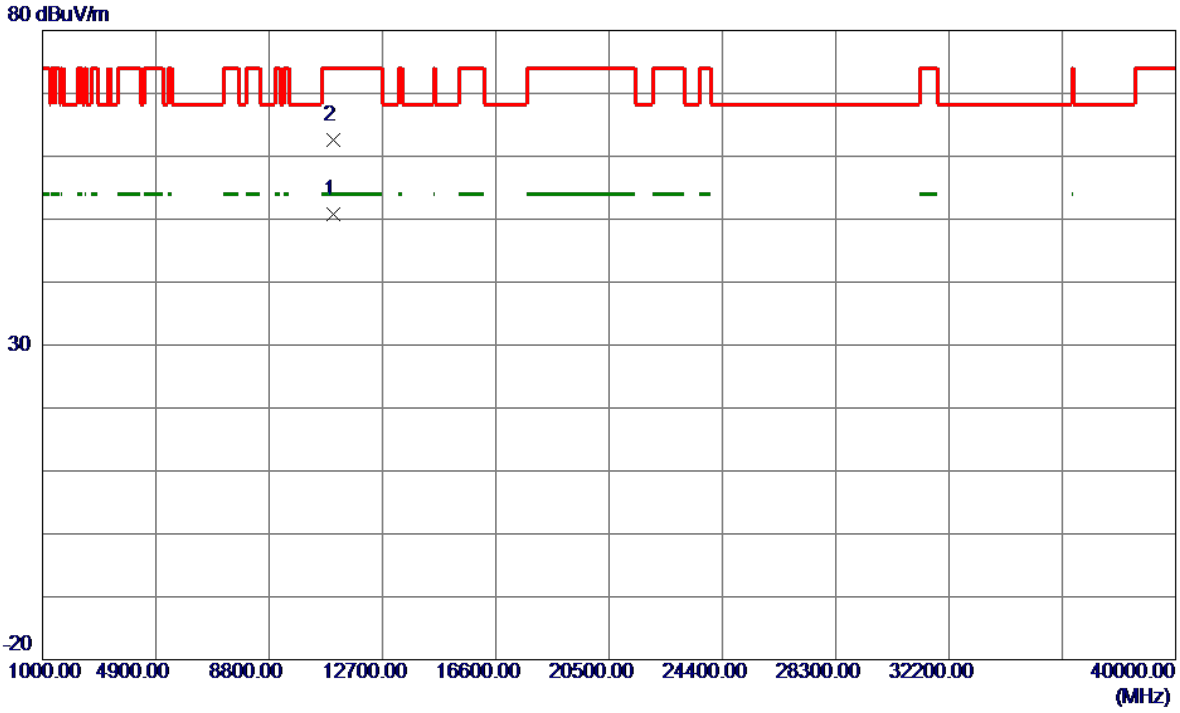
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	44.72	12.46	57.18	74.00	-16.82	Peak	
2	5460.0000	38.33	12.46	50.79	54.00	-3.21	AVG	
3	5470.0000	49.98	12.49	62.47	68.20	-5.73	Peak	
4	5501.0000	97.90	12.56	110.46	999.00	-888.54	AVG	No Limit
5 *	5501.7000	105.91	12.56	118.47	68.20	50.27	Peak	No Limit

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

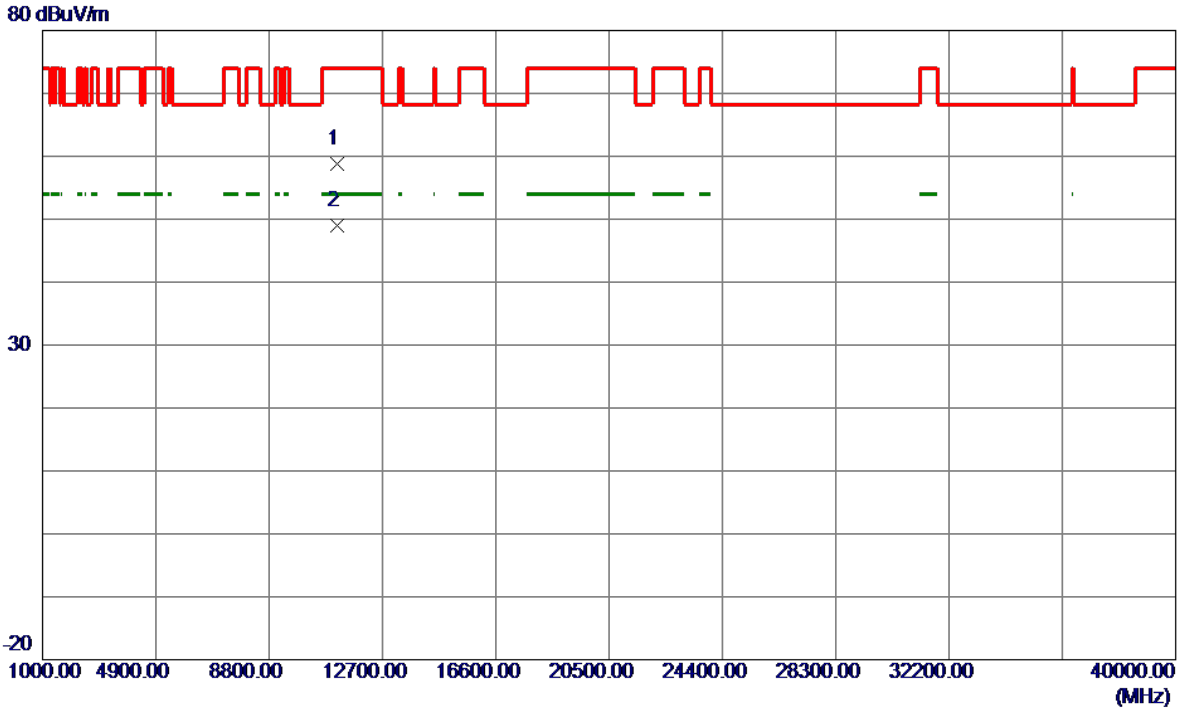
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11001.7000	44.53	6.30	50.83	54.00	-3.17	AVG	
2	11003.3000	56.28	6.30	62.58	74.00	-11.42	Peak	

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

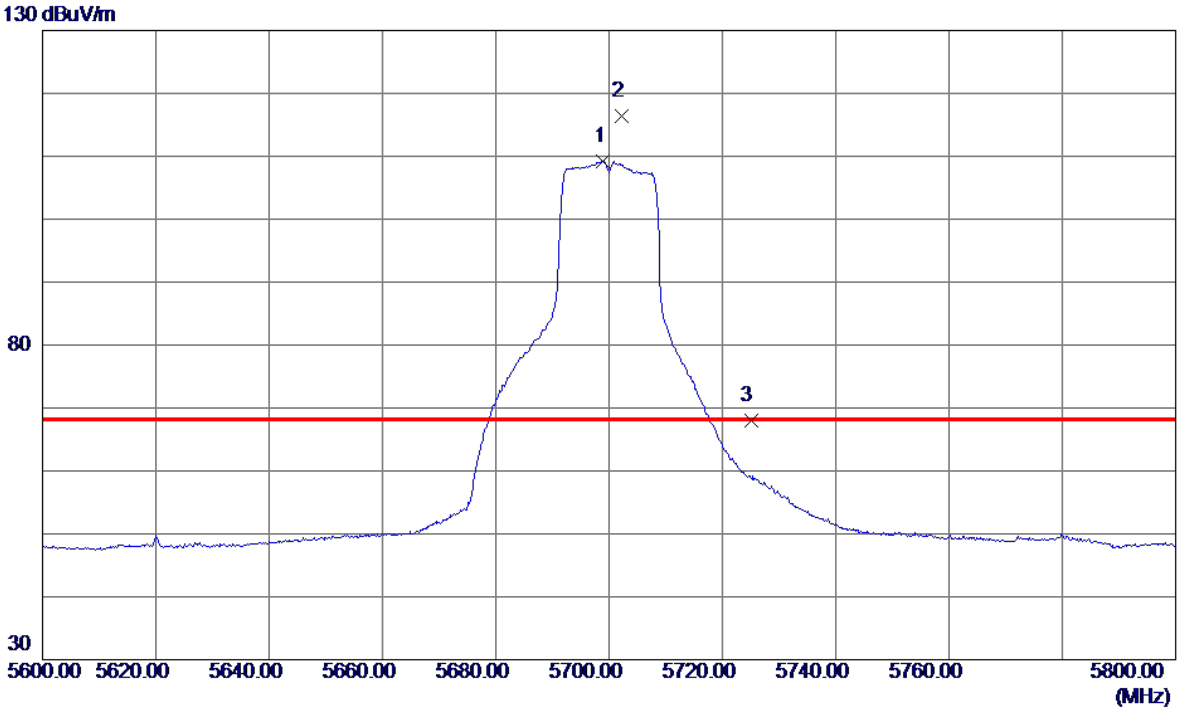
Test Mode	UNII-2C_TX A Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11159.2000	52.29	6.44	58.73	74.00	-15.27	Peak	
2 *	11161.5000	42.57	6.45	49.02	54.00	-4.98	AVG	

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

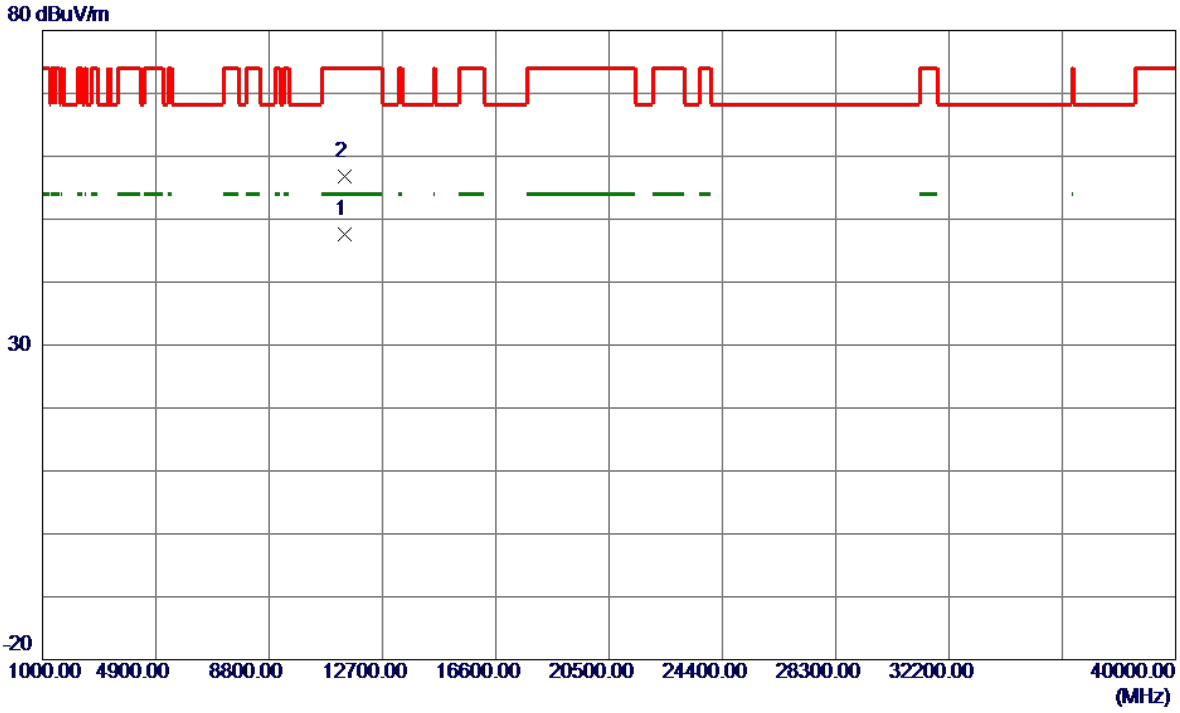
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5699.0000	96.00	13.16	109.16	999.00	-889.84	AVG	No Limit
2 *	5702.3000	103.15	13.17	116.32	68.20	48.12	Peak	No Limit
3	5725.0000	54.74	13.24	67.98	68.20	-0.22	Peak	

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

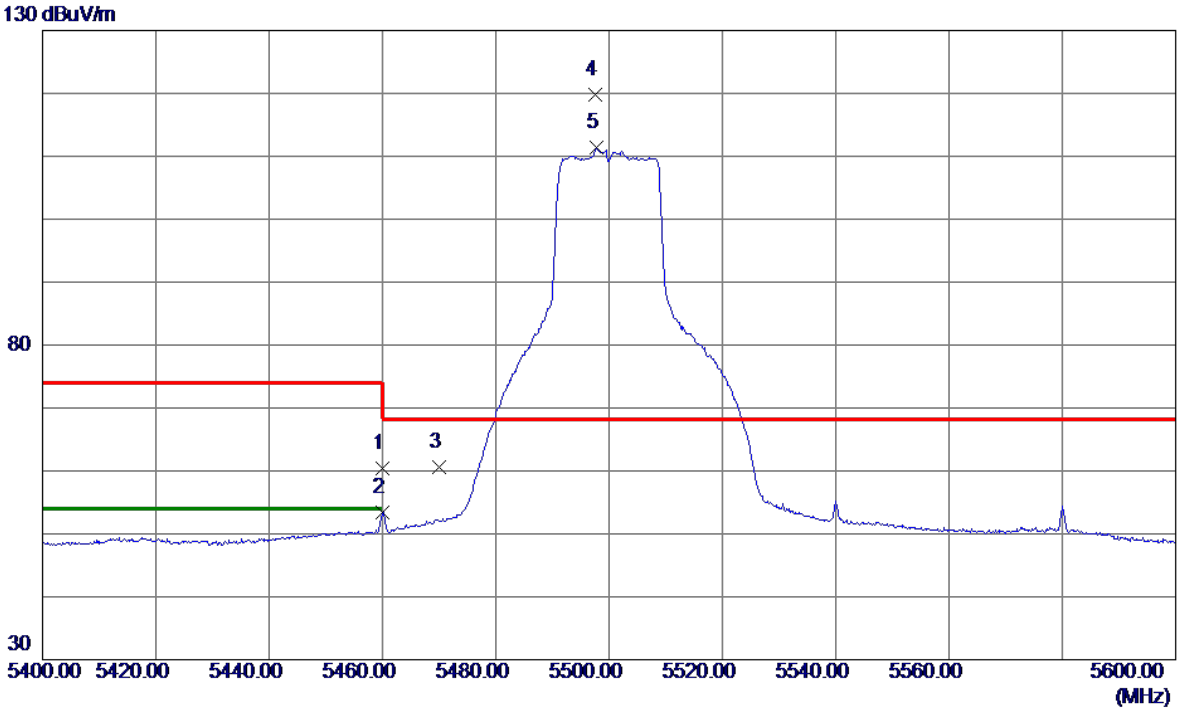
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11396.0000	40.96	6.66	47.62	54.00	-6.38	AVG	
2	11397.8000	50.09	6.66	56.75	74.00	-17.25	Peak	

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

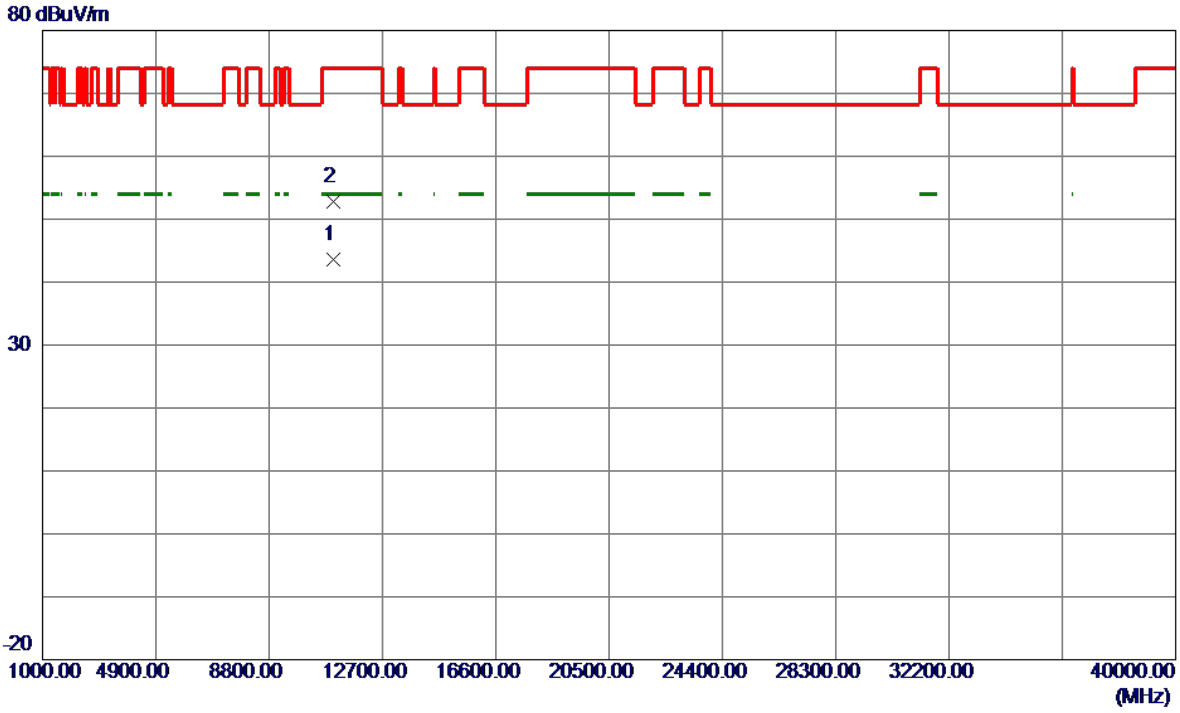
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	47.92	12.46	60.38	74.00	-13.62	Peak	
2	5460.0000	41.01	12.46	53.47	54.00	-0.53	AVG	
3	5470.0000	48.07	12.49	60.56	68.20	-7.64	Peak	
4 *	5497.6000	107.20	12.55	119.75	68.20	51.55	Peak	No Limit
5	5497.8000	98.80	12.55	111.35	999.00	-887.65	AVG	No Limit

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

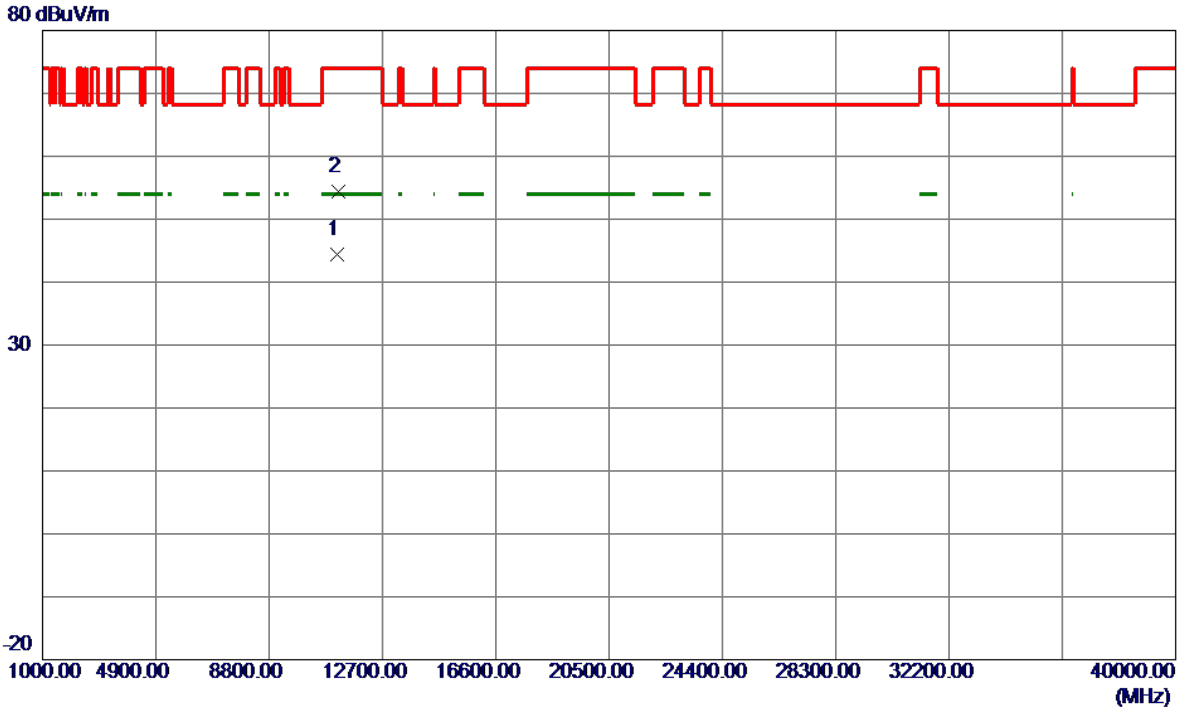
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11001.3000	37.21	6.30	43.51	54.00	-10.49	AVG	
2	11001.4000	46.47	6.30	52.77	74.00	-21.23	Peak	

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

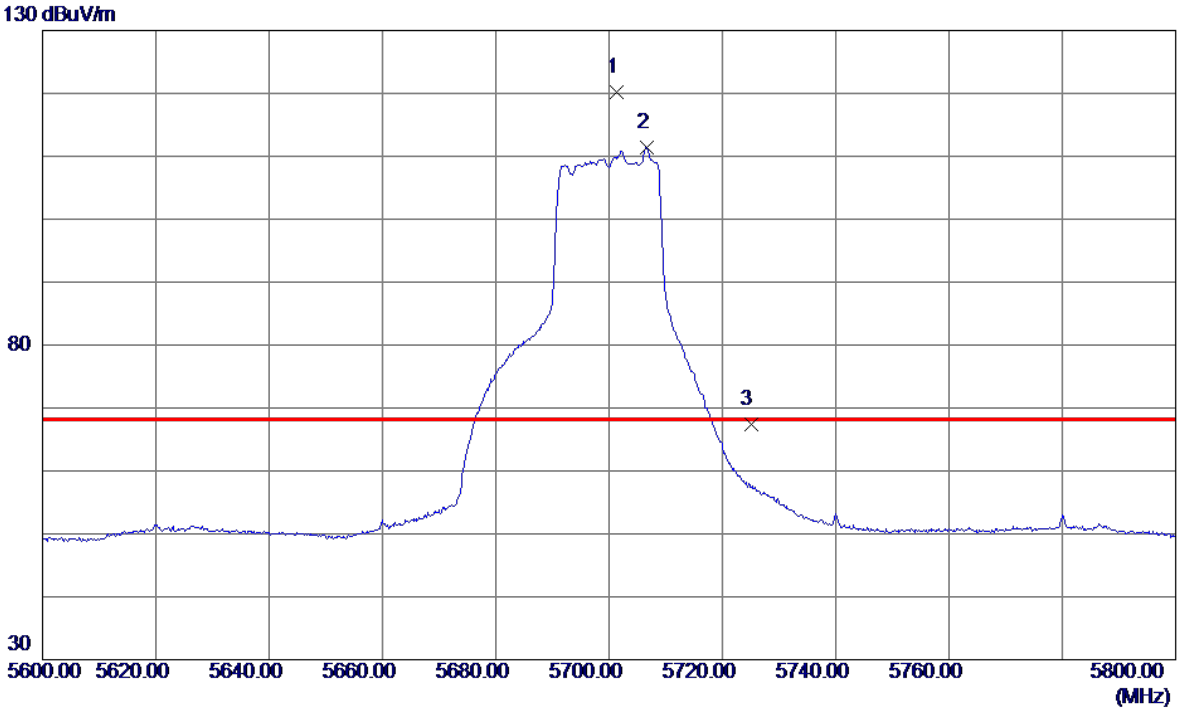
Test Mode	UNII-2C_TX AC(VHT20) Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11158.5000	38.00	6.44	44.44	54.00	-9.56	AVG	
2	11166.3000	47.95	6.45	54.40	74.00	-19.60	Peak	

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

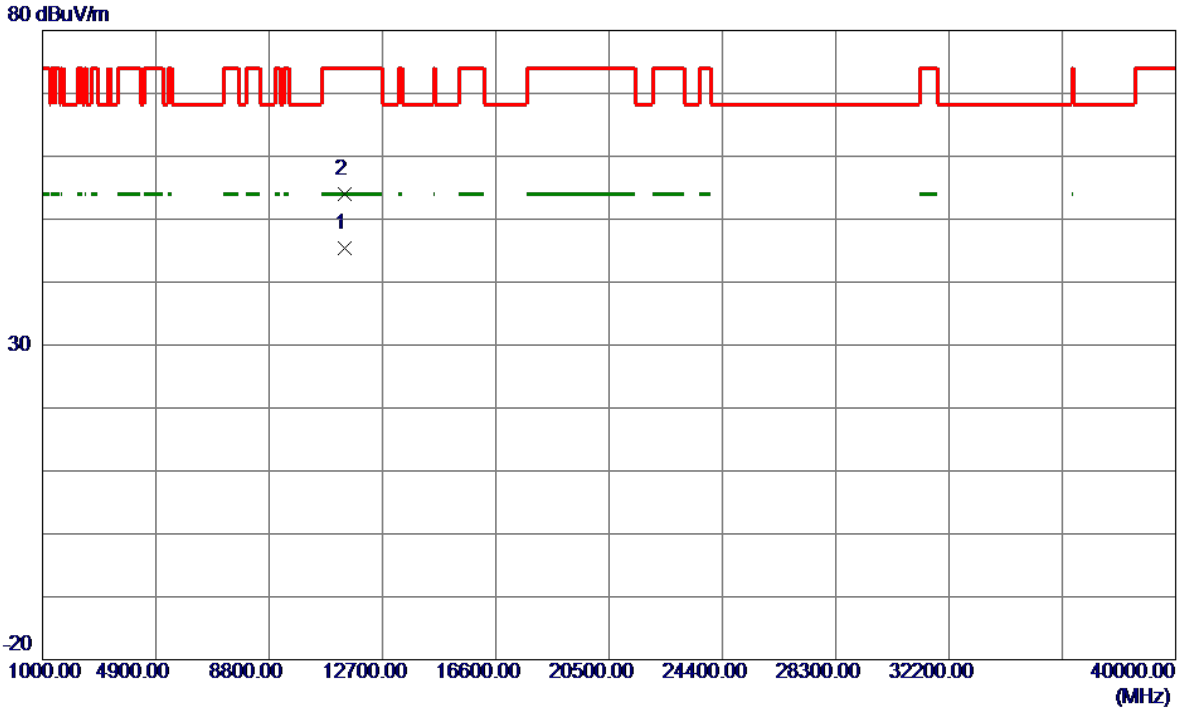
Test Mode	UNII-2C_TX AC(VHT20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5701.4000	106.96	13.17	120.13	68.20	51.93	Peak	No Limit
2	5706.6000	98.23	13.18	111.41	999.00	-887.59	AVG	No Limit
3	5725.0000	54.24	13.24	67.48	68.20	-0.72	Peak	

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

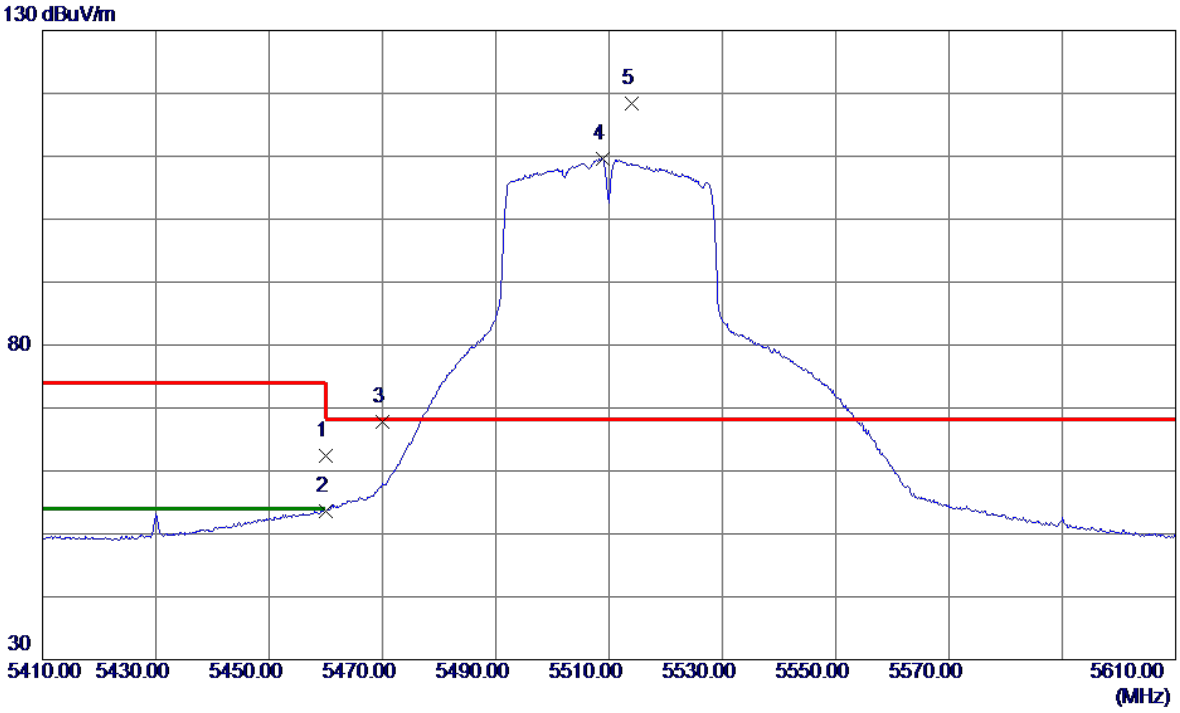
Test Mode	UNII-2C_TX AC(VHT20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11400.3000	38.67	6.66	45.33	54.00	-8.67	AVG	
2	11402.5000	47.39	6.67	54.06	74.00	-19.94	Peak	

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

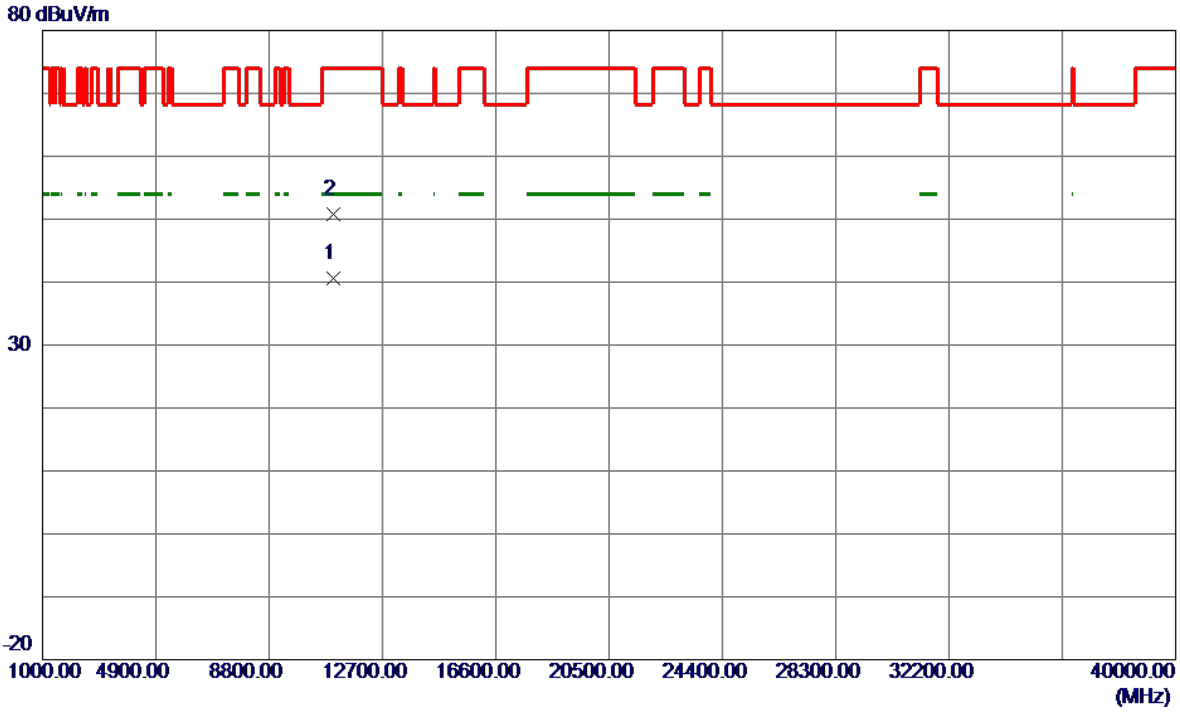
Test Mode	UNII-2C_TX AC(VHT40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	50.00	12.46	62.46	74.00	-11.54	Peak	
2	5460.0000	41.19	12.46	53.65	54.00	-0.35	AVG	
3	5470.0000	55.30	12.49	67.79	68.20	-0.41	Peak	
4	5508.9000	97.00	12.58	109.58	999.00	-889.42	AVG	No Limit
5 *	5514.1000	105.88	12.60	118.48	68.20	50.28	Peak	No Limit

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

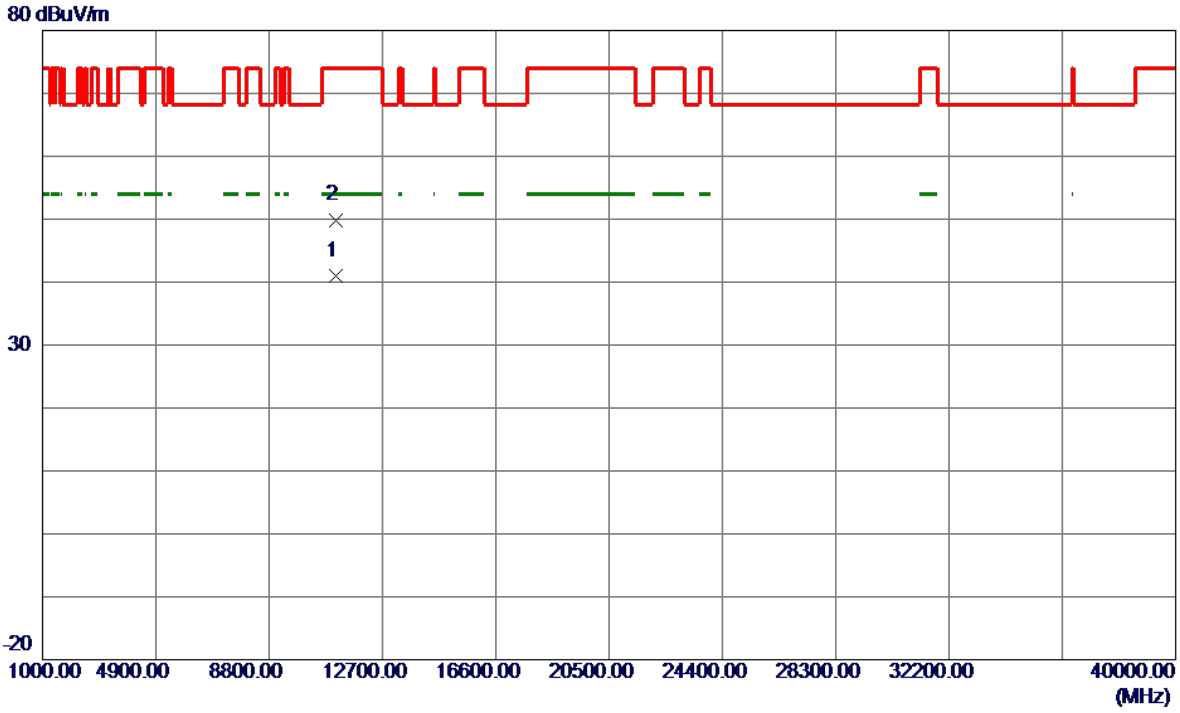
Test Mode	UNII-2C_TX AC(VHT40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11012.1250	34.29	6.31	40.60	54.00	-13.40	AVG	
2	11021.9250	44.40	6.32	50.72	74.00	-23.28	Peak	

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

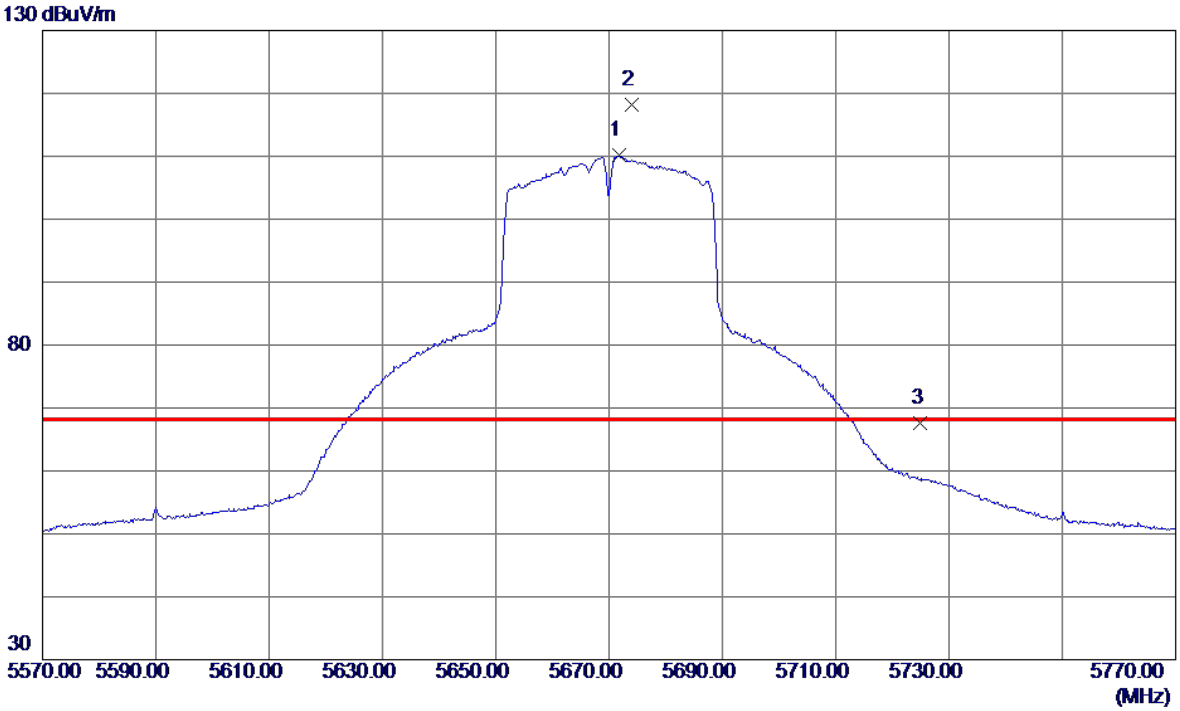
Test Mode	UNII-2C_TX AC(VHT40) Mode 5550 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11097.3000	34.58	6.39	40.97	54.00	-13.03	AVG	
2	11110.2000	43.50	6.40	49.90	74.00	-24.10	Peak	

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

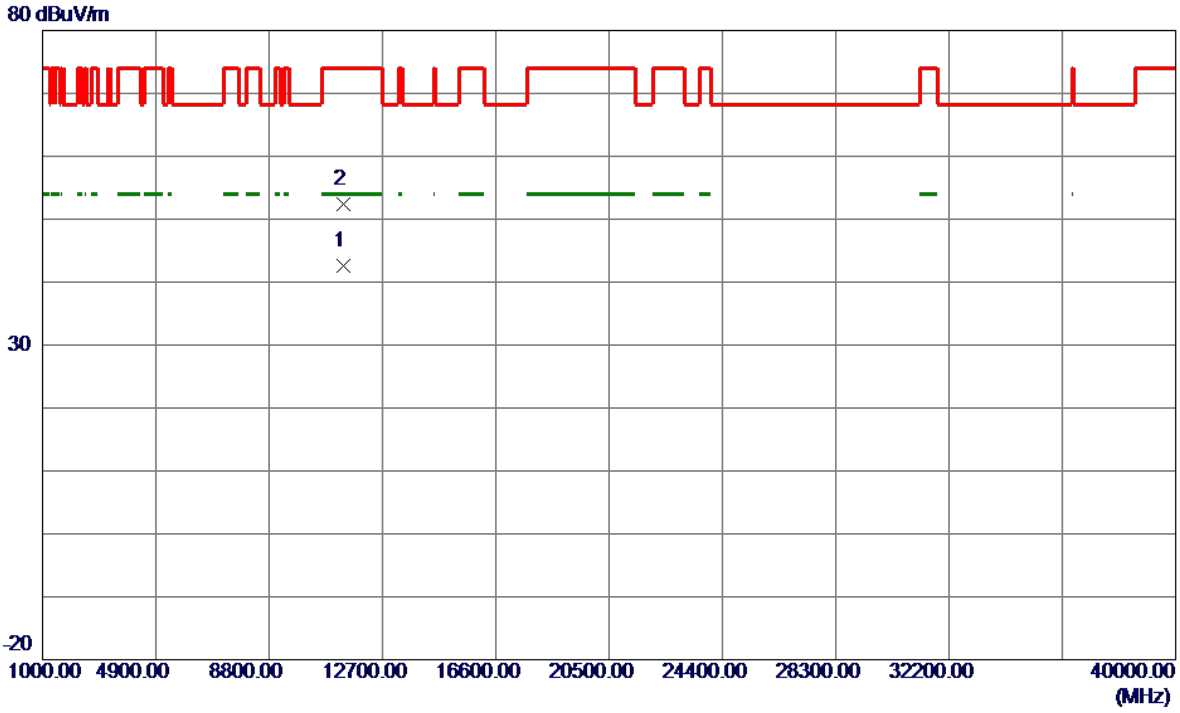
Test Mode	UNII-2C_TX AC(VHT40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5671.7000	97.06	13.08	110.14	999.00	-888.86	AVG	No Limit
2 *	5674.1000	105.06	13.08	118.14	68.20	49.94	Peak	No Limit
3	5725.0000	54.40	13.24	67.64	68.20	-0.56	Peak	

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

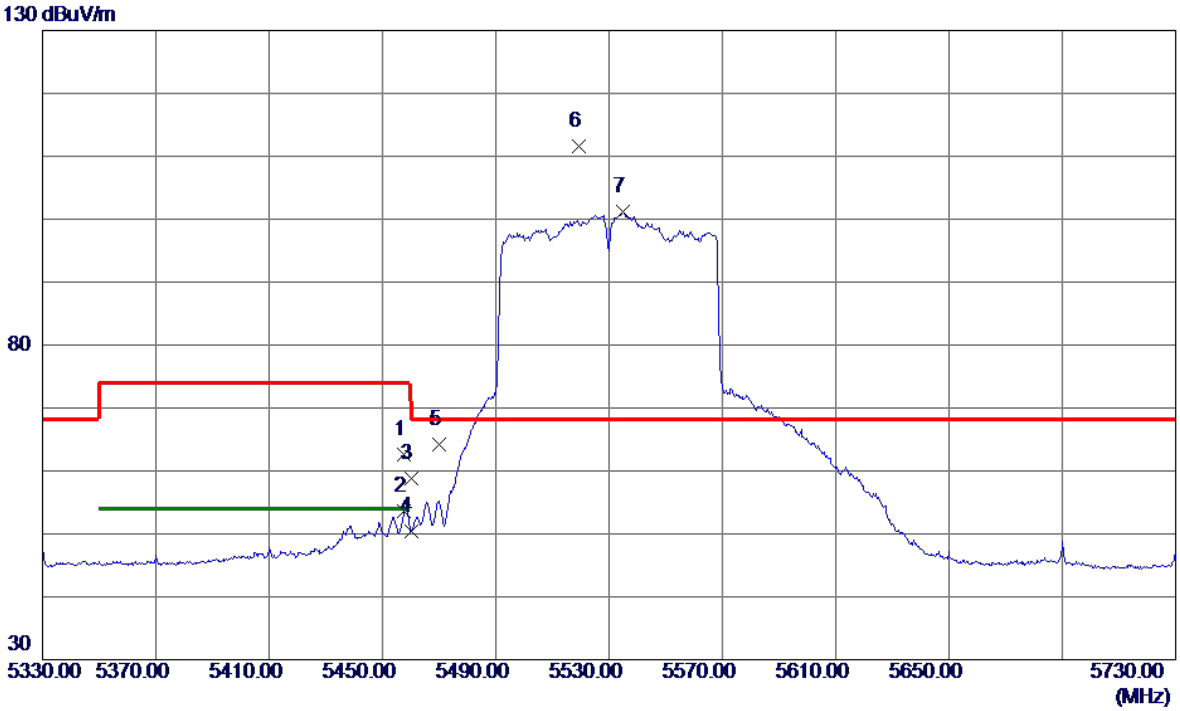
Test Mode	UNII-2C_TX AC(VHT40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11336.7000	36.02	6.61	42.63	54.00	-11.37	AVG	
2	11337.0000	45.71	6.61	52.32	74.00	-21.68	Peak	

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

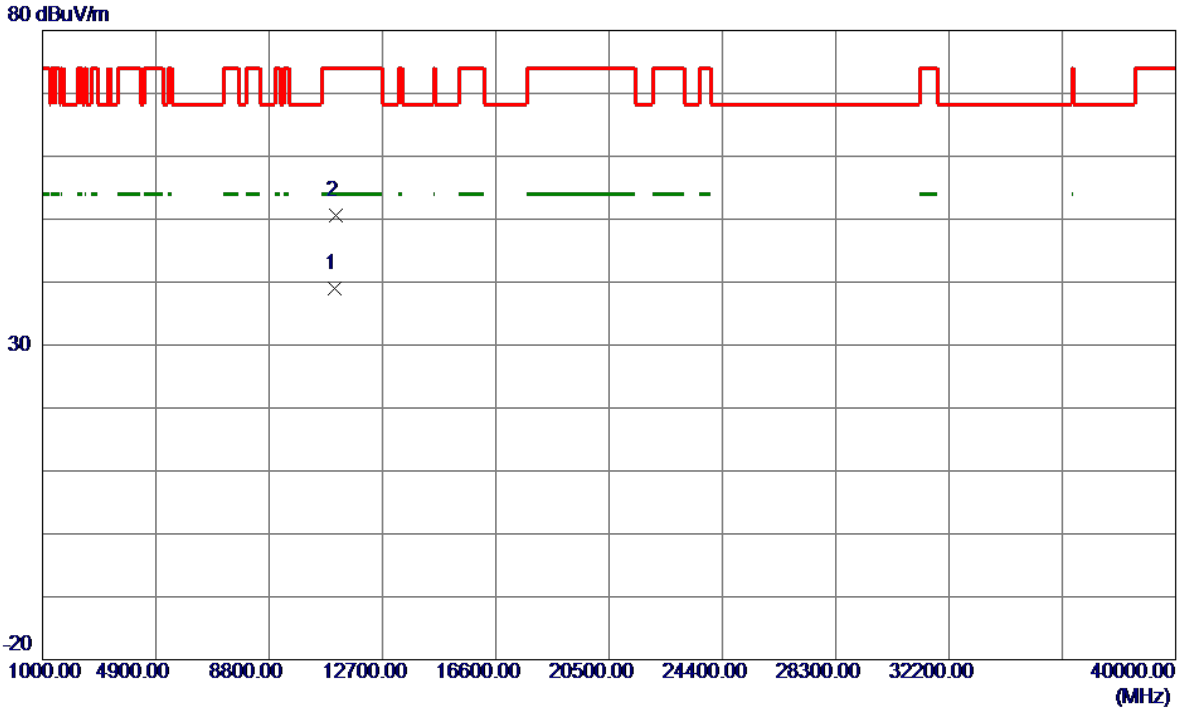
Test Mode	UNII-2C_TX AC(VHT80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5457.6000	50.08	12.46	62.54	74.00	-11.46	Peak	
2	5457.6000	41.19	12.46	53.65	54.00	-0.35	AVG	
3	5460.0000	46.36	12.46	58.82	74.00	-15.18	Peak	
4	5460.0000	37.93	12.46	50.39	54.00	-3.61	AVG	
5	5470.0000	51.78	12.49	64.27	68.20	-3.93	Peak	
6 *	5519.2000	99.05	12.61	111.66	68.20	43.46	Peak	No Limit
7	5535.0000	88.51	12.66	101.17	999.00	-897.83	AVG	No Limit

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

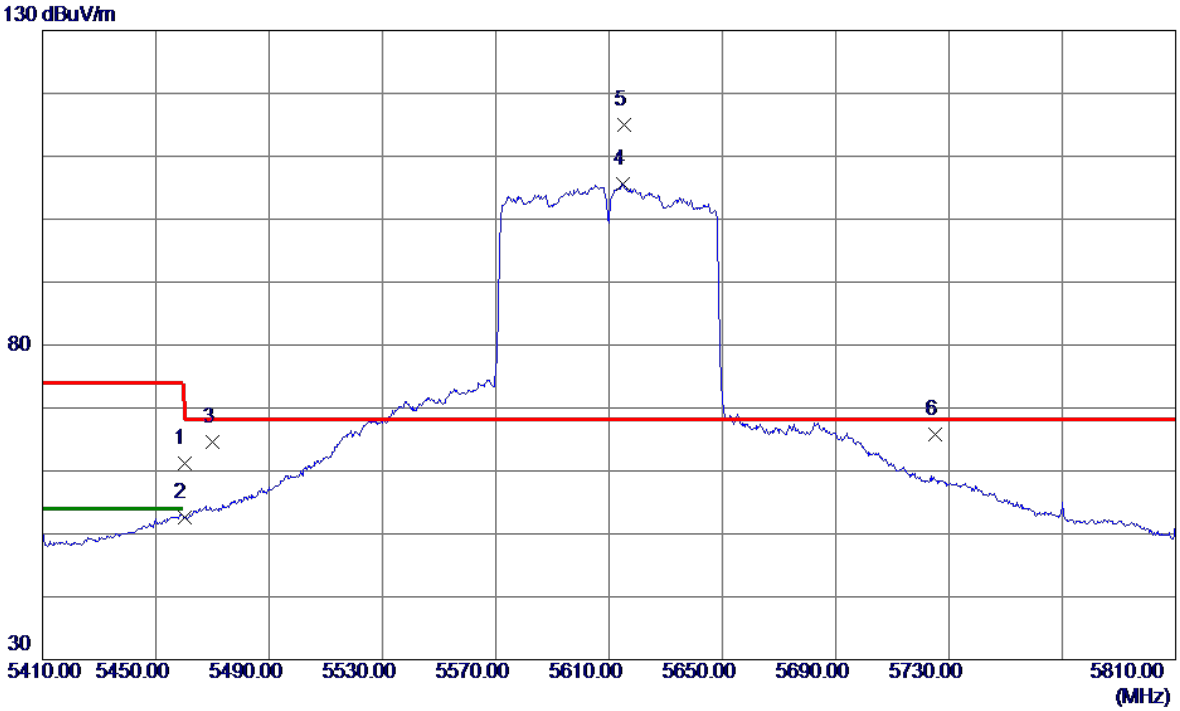
Test Mode	UNII-2C_TX AC(VHT80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11065.5500	32.65	6.36	39.01	54.00	-14.99	AVG	
2	11076.8000	44.30	6.37	50.67	74.00	-23.33	Peak	

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

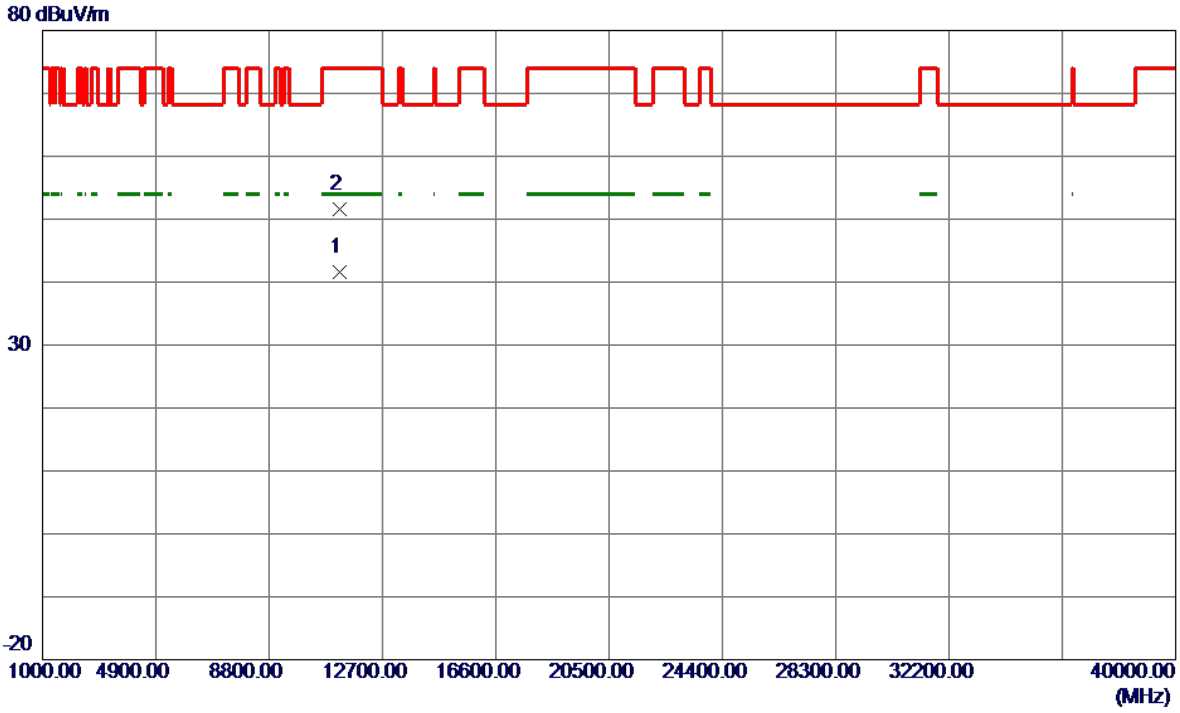
Test Mode	UNII-2C_TX AC(VHT80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	48.77	12.46	61.23	74.00	-12.77	Peak	
2	5460.0000	40.21	12.46	52.67	54.00	-1.33	AVG	
3	5470.0000	52.16	12.49	64.65	68.20	-3.55	Peak	
4	5614.8000	92.75	12.90	105.65	999.00	-893.35	AVG	No Limit
5 *	5615.4000	102.03	12.90	114.93	68.20	46.73	Peak	No Limit
6	5725.0000	52.65	13.24	65.89	68.20	-2.31	Peak	

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

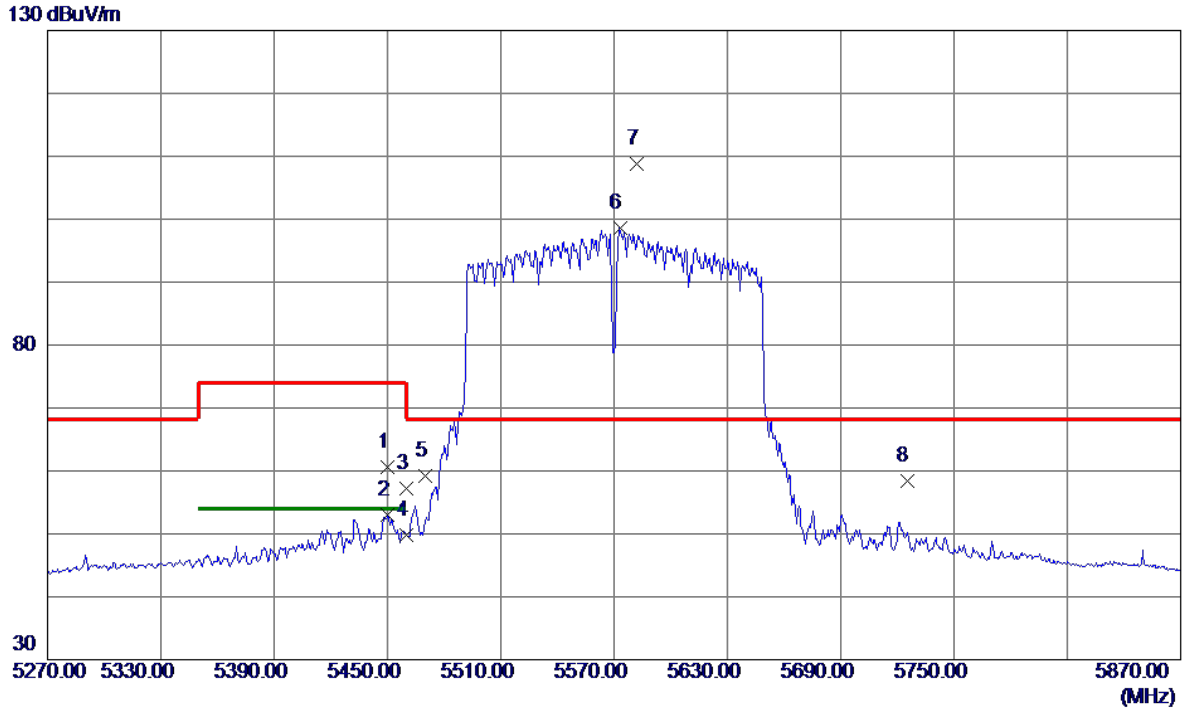
Test Mode	UNII-2C_TX AC(VHT80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11226.1500	35.17	6.51	41.68	54.00	-12.32	AVG	
2	11239.5000	45.06	6.52	51.58	74.00	-22.42	Peak	

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

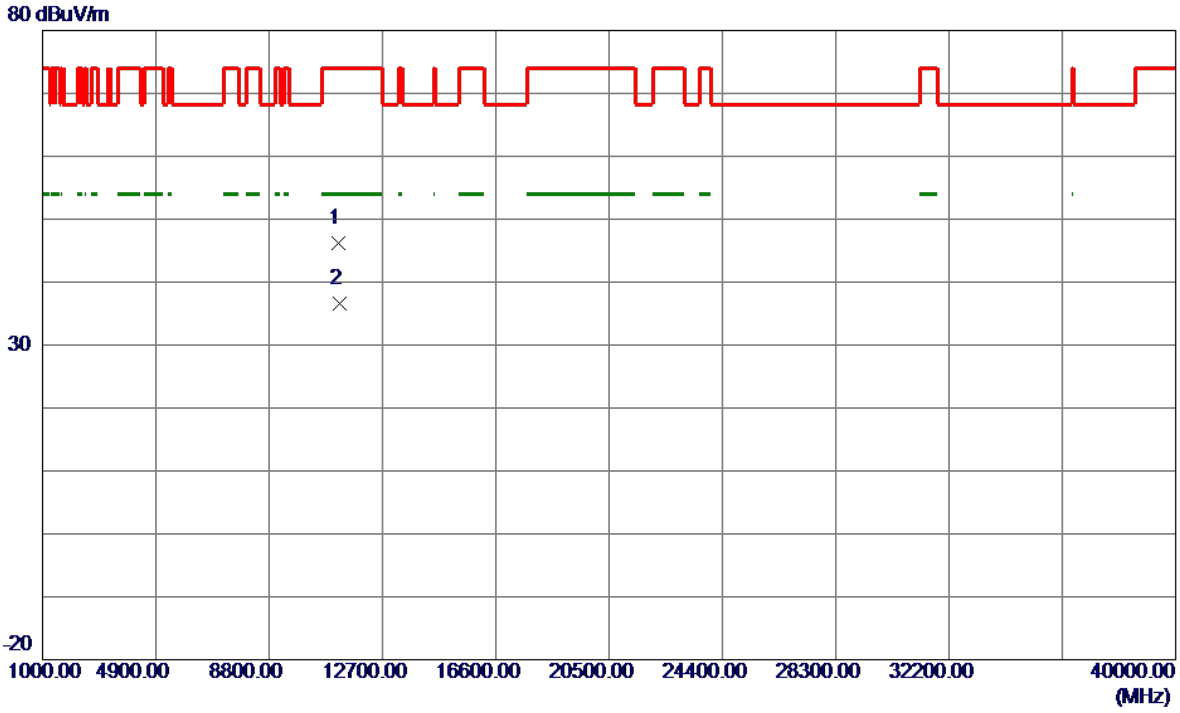
Test Mode	UNII-2C_TX AC(VHT160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5450.3000	48.08	12.44	60.52	74.00	-13.48	Peak	
2	5450.3000	40.58	12.44	53.02	54.00	-0.98	AVG	
3	5460.0000	44.82	12.46	57.28	74.00	-16.72	Peak	
4	5460.0000	37.41	12.46	49.87	54.00	-4.13	AVG	
5	5470.0000	46.67	12.49	59.16	68.20	-9.04	Peak	
6	5573.0000	85.80	12.78	98.58	999.00	-900.42	AVG	No Limit
7 *	5582.0000	95.94	12.80	108.74	68.20	40.54	Peak	No Limit
8	5725.0000	45.15	13.24	58.39	68.20	-9.81	Peak	

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

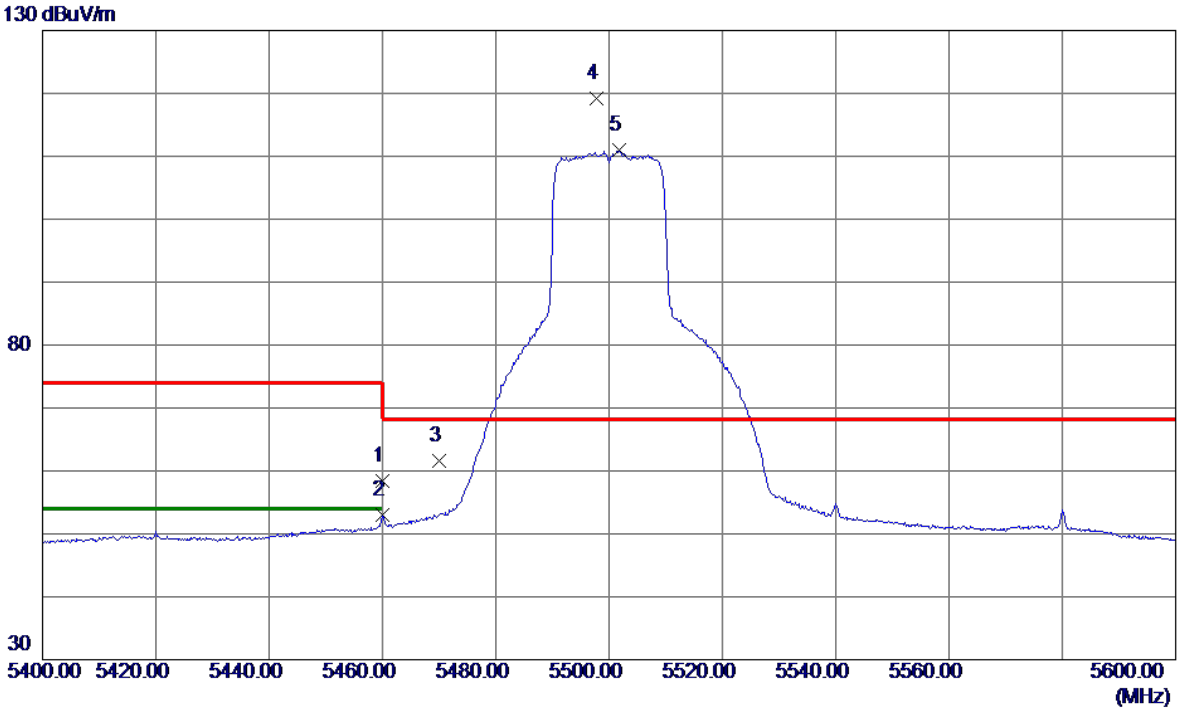
Test Mode	UNII-2C_TX AC(VHT160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11180.9000	39.70	6.46	46.16	74.00	-27.84	Peak	
2 *	11221.6000	30.19	6.50	36.69	54.00	-17.31	AVG	

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

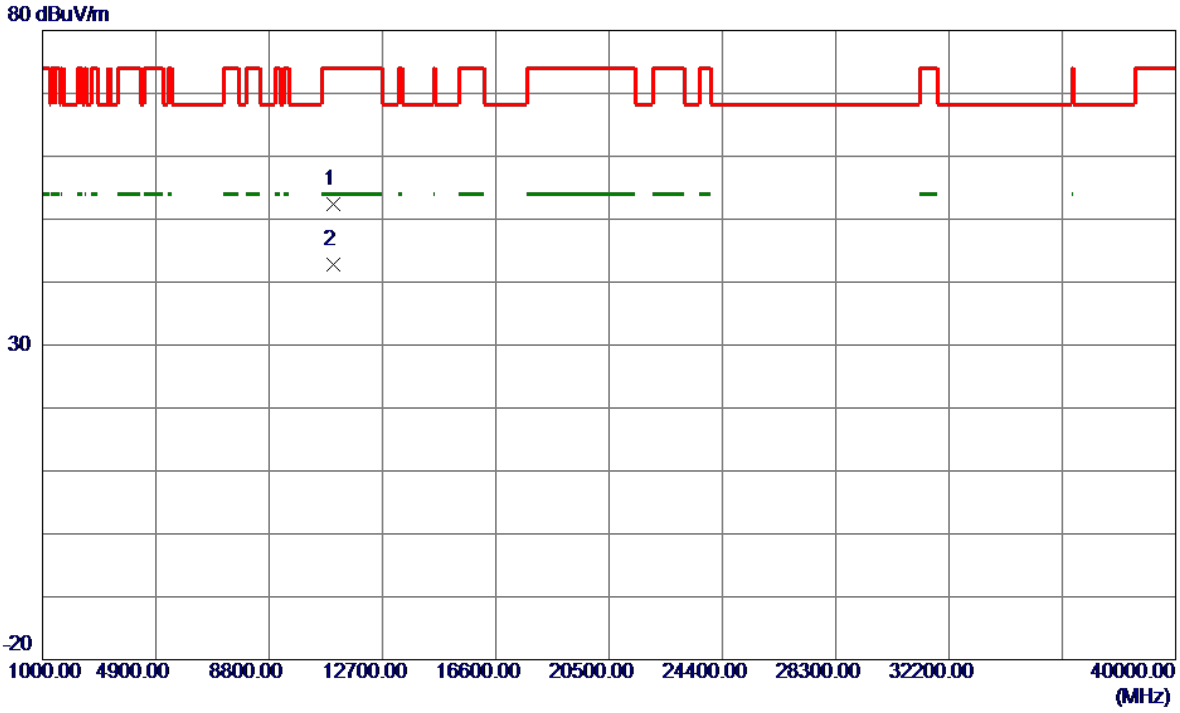
Test Mode	UNII-2C_TX AX(HE20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	45.99	12.46	58.45	74.00	-15.55	Peak	
2	5460.0000	40.51	12.46	52.97	54.00	-1.03	AVG	
3	5470.0000	49.07	12.49	61.56	68.20	-6.64	Peak	
4 *	5497.7000	106.60	12.55	119.15	68.20	50.95	Peak	No Limit
5	5501.8000	98.34	12.56	110.90	999.00	-888.10	AVG	No Limit

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

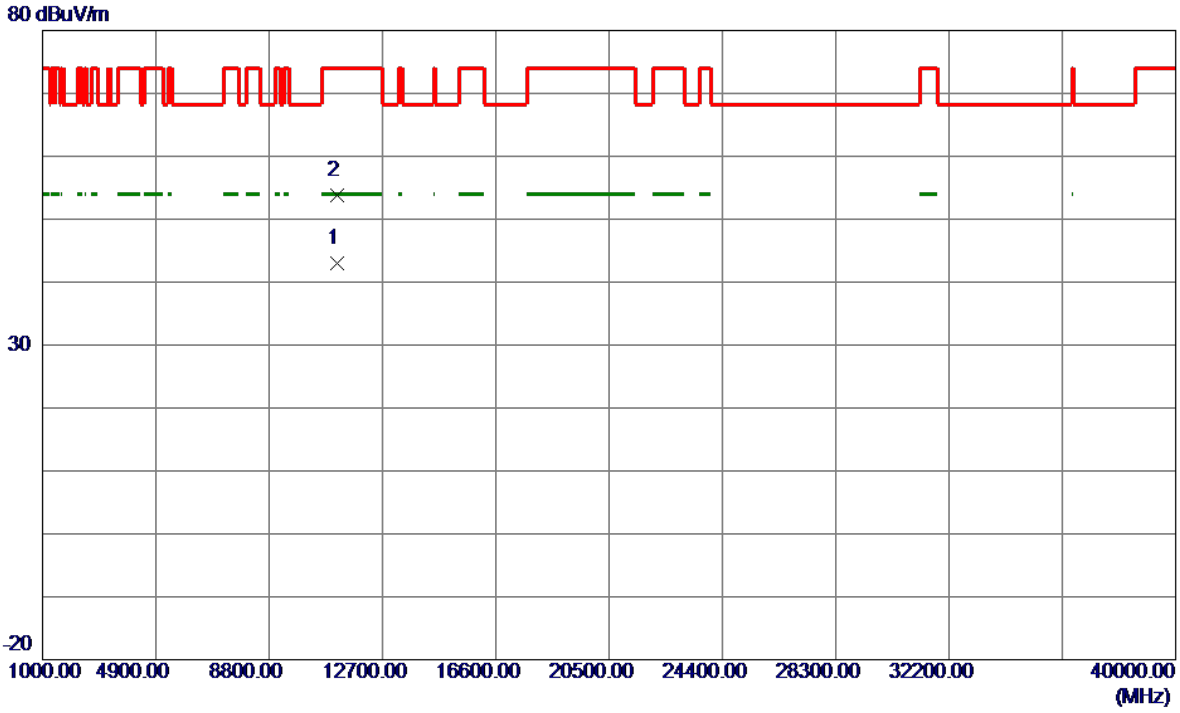
Test Mode	UNII-2C_TX AX(HE20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10993.6000	46.08	6.30	52.38	74.00	-21.62	Peak	
2 *	11002.7000	36.51	6.30	42.81	54.00	-11.19	AVG	

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

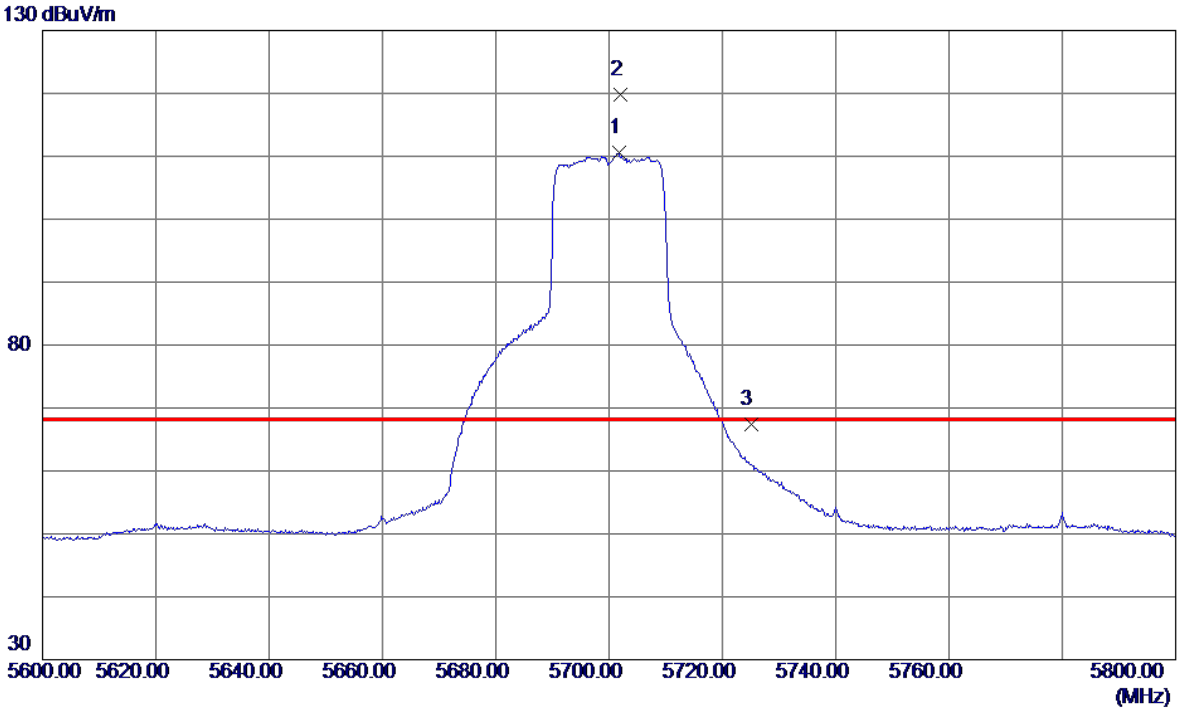
Test Mode	UNII-2C_TX AX(HE20) Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11157.1000	36.54	6.44	42.98	54.00	-11.02	AVG	
2	11157.2000	47.32	6.44	53.76	74.00	-20.24	Peak	

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

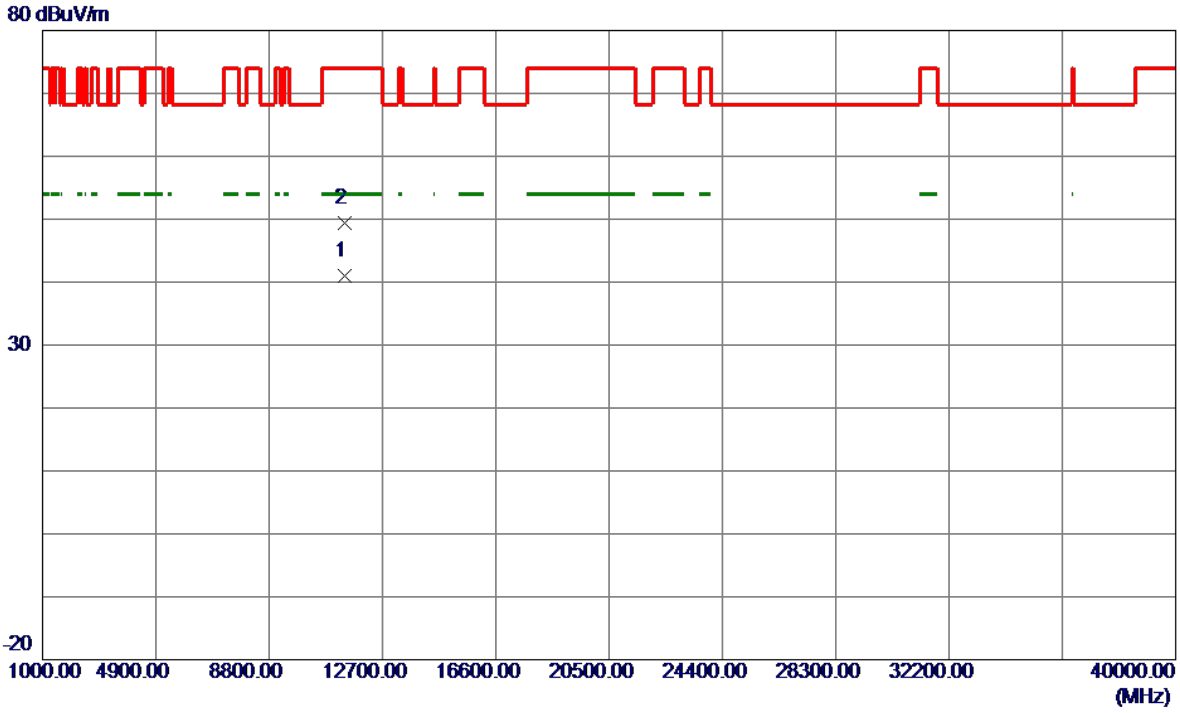
Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5701.7000	97.35	13.17	110.52	999.00	-888.48	AVG	No Limit
2 *	5702.1000	106.68	13.17	119.85	68.20	51.65	Peak	No Limit
3	5725.0000	54.12	13.24	67.36	68.20	-0.84	Peak	

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

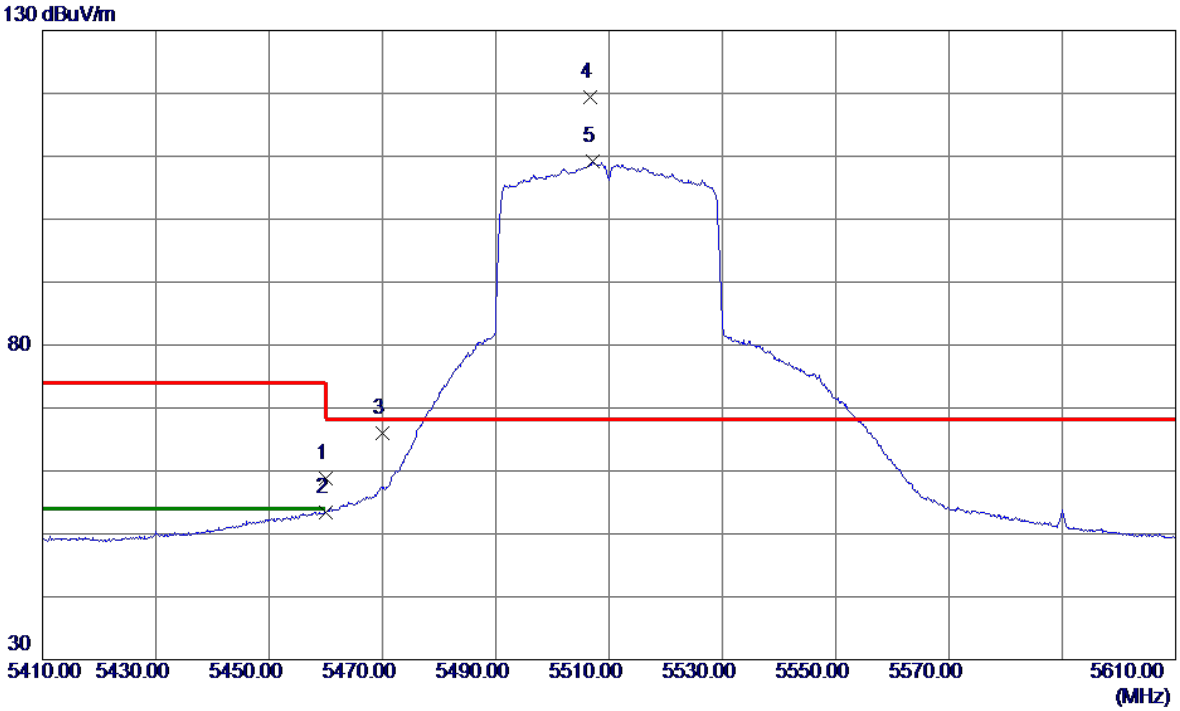
Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11401.6000	34.41	6.67	41.08	54.00	-12.92	AVG	
2	11409.2000	42.81	6.67	49.48	74.00	-24.52	Peak	

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

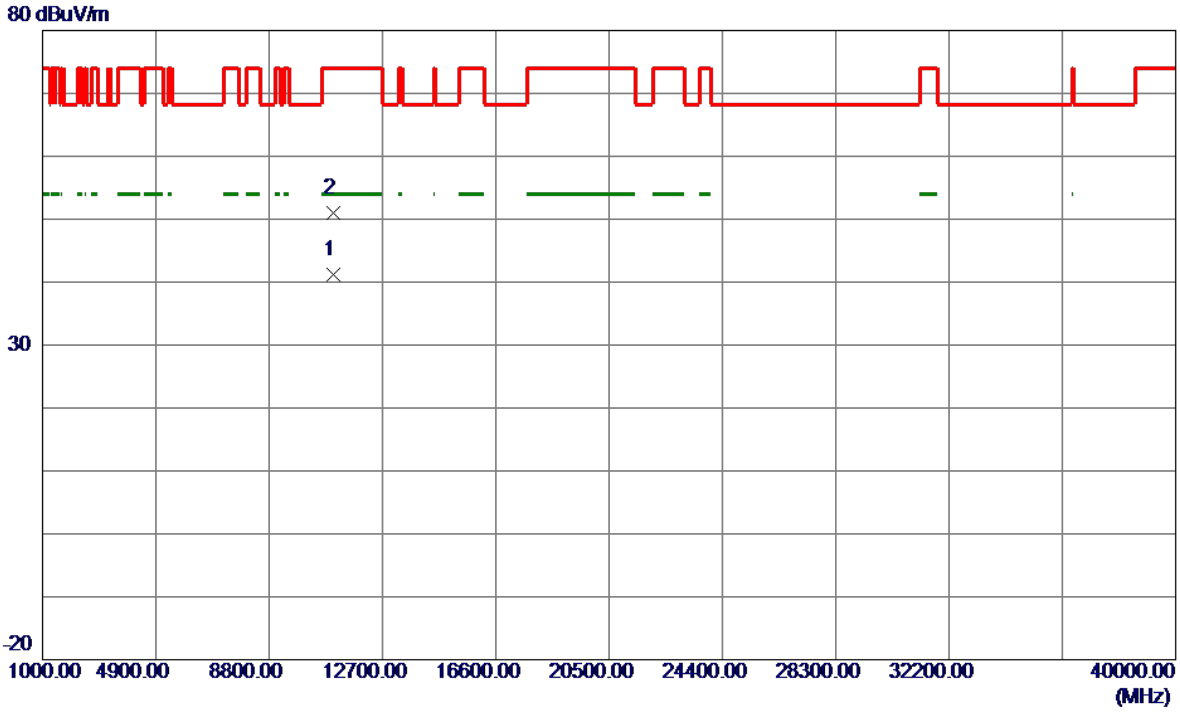
Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	46.35	12.46	58.81	74.00	-15.19	Peak	
2	5460.0000	41.00	12.46	53.46	54.00	-0.54	AVG	
3	5470.0000	53.56	12.49	66.05	68.20	-2.15	Peak	
4 *	5506.7000	106.91	12.58	119.49	68.20	51.29	Peak	No Limit
5	5507.1000	96.57	12.58	109.15	999.00	-889.85	AVG	No Limit

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

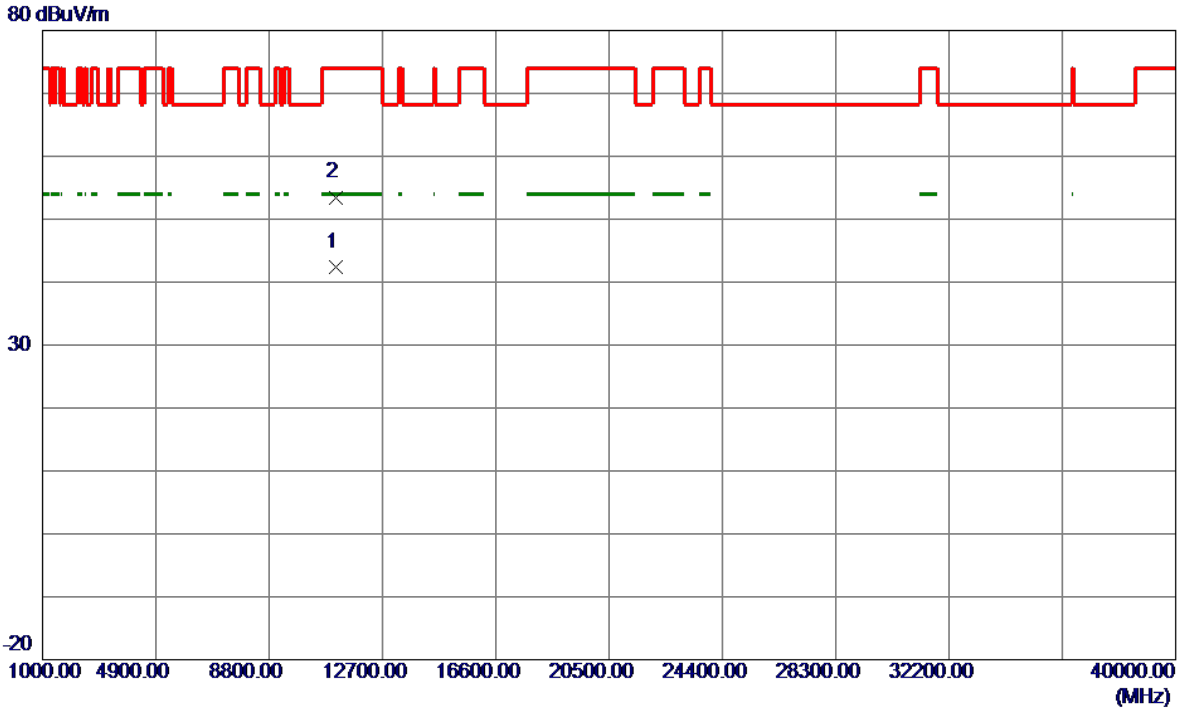
Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11018.6500	34.85	6.32	41.17	54.00	-12.83	AVG	
2	11020.4500	44.64	6.32	50.96	74.00	-23.04	Peak	

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

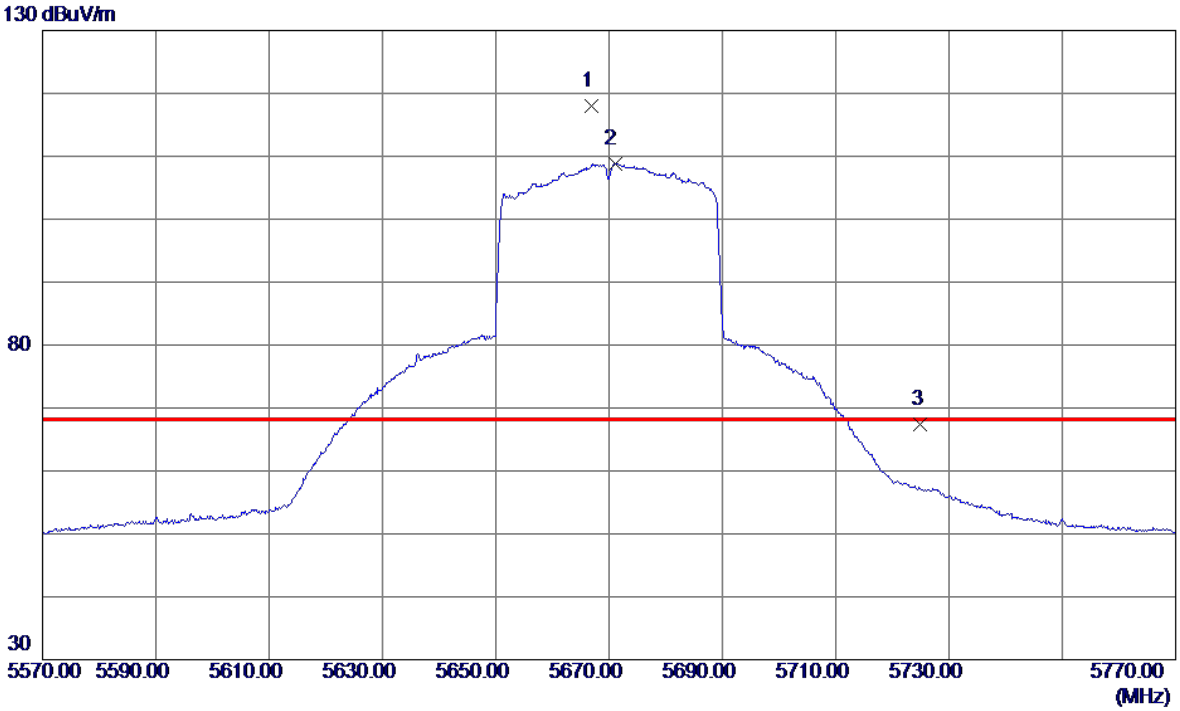
Test Mode	UNII-2C_TX AX(HE40) Mode 5550 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11096.5500	35.94	6.39	42.33	54.00	-11.67	AVG	
2	11113.8000	47.10	6.40	53.50	74.00	-20.50	Peak	

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

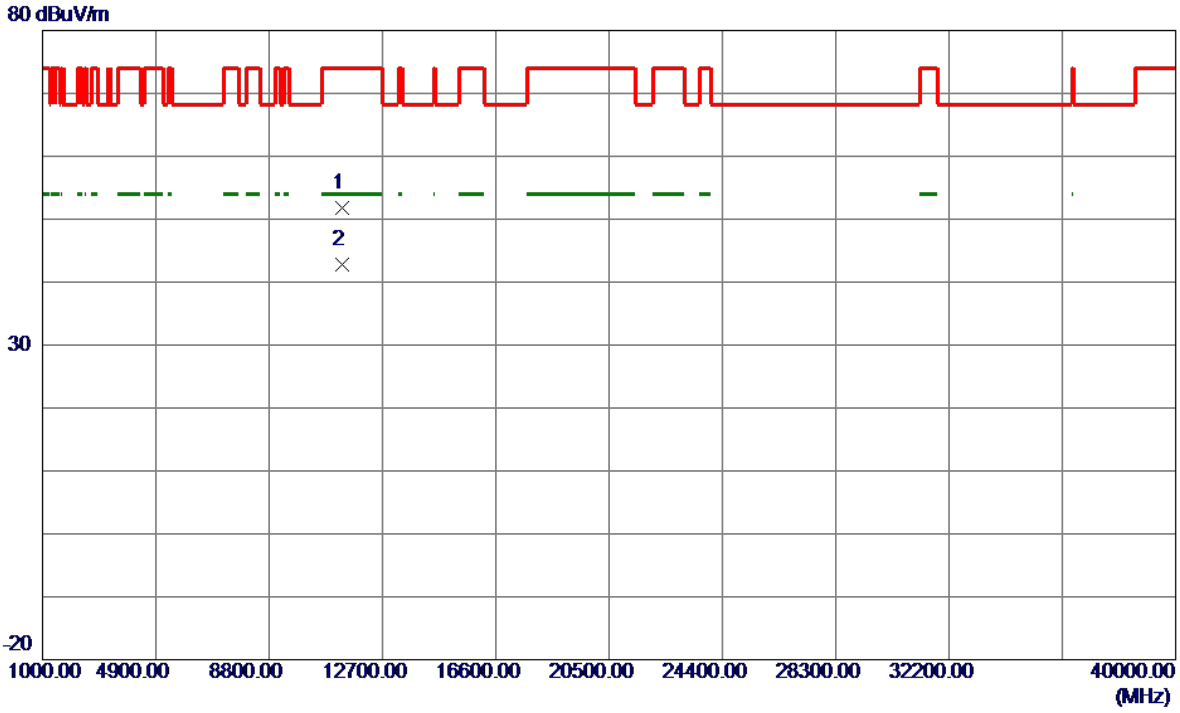
Test Mode	UNII-2C_TX AX(HE40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5666.9000	104.92	13.06	117.98	68.20	49.78	Peak	No Limit
2	5671.0000	95.80	13.07	108.87	999.00	-890.13	AVG	No Limit
3	5725.0000	54.13	13.24	67.37	68.20	-0.83	Peak	

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

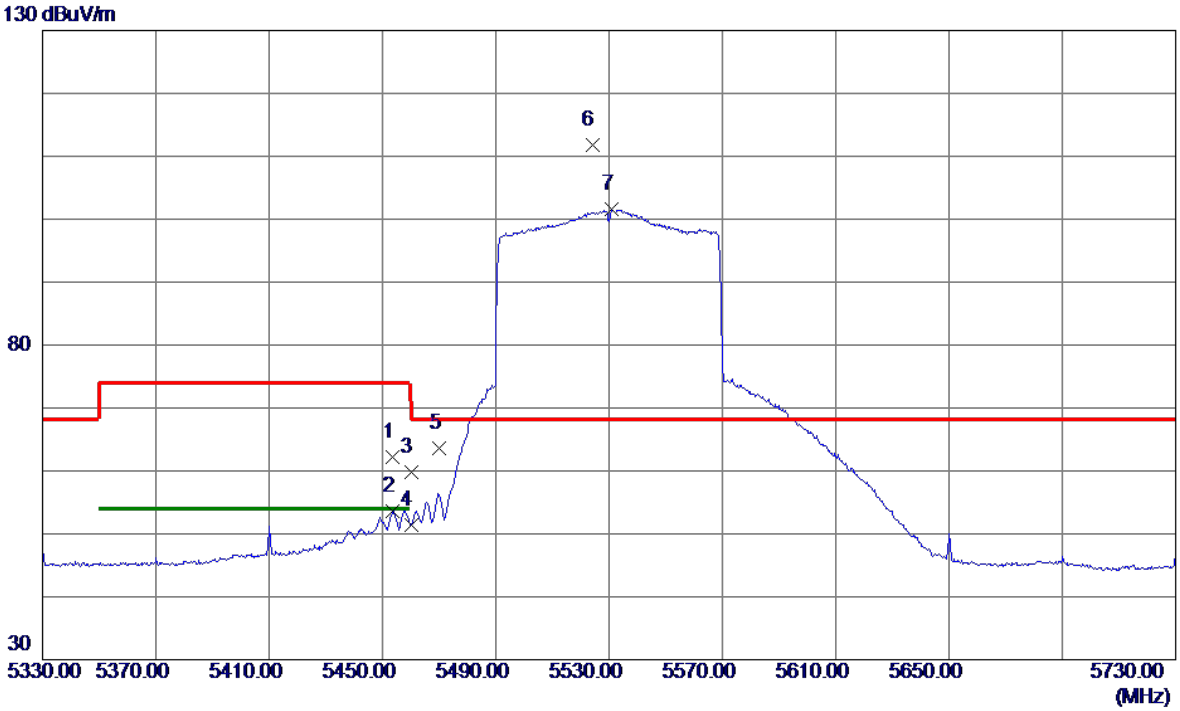
Test Mode	UNII-2C_TX AX(HE40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11326.9500	45.18	6.60	51.78	74.00	-22.22	Peak	
2 *	11334.6000	36.27	6.60	42.87	54.00	-11.13	AVG	

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

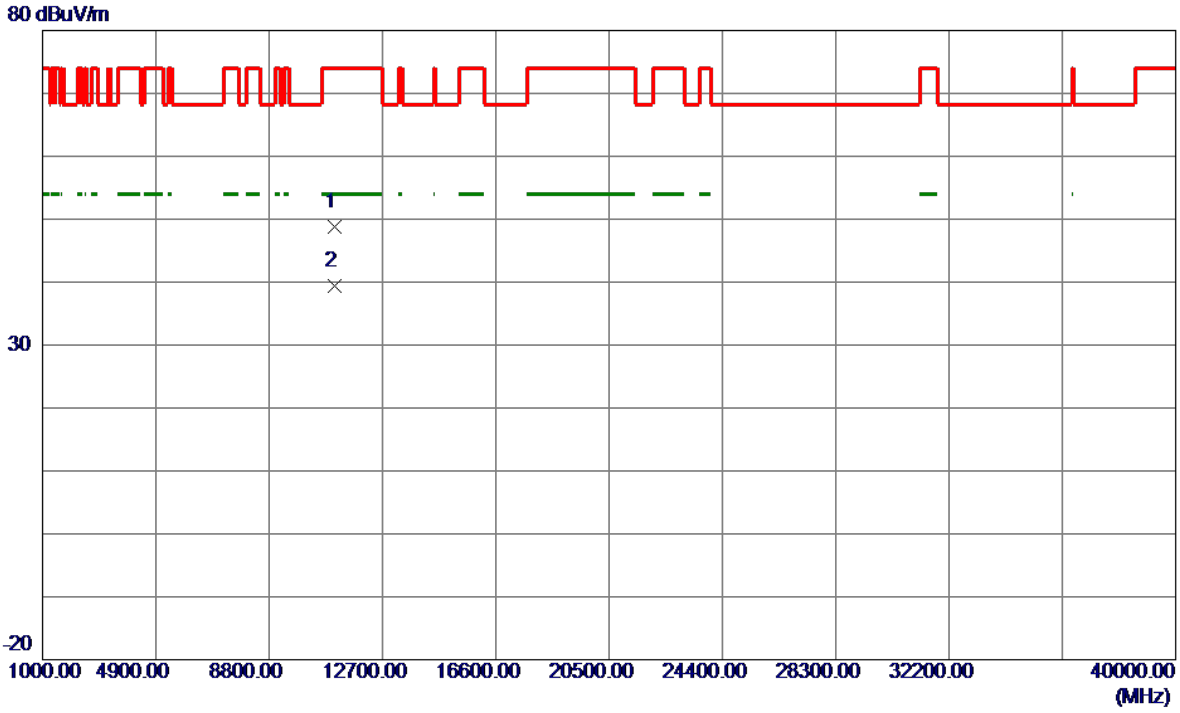
Test Mode	UNII-2C_TX AX(HE80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5453.6000	49.68	12.45	62.13	74.00	-11.87	Peak	
2	5453.6000	41.18	12.45	53.63	54.00	-0.37	AVG	
3	5460.0000	47.29	12.46	59.75	74.00	-14.25	Peak	
4	5460.0000	38.91	12.46	51.37	54.00	-2.63	AVG	
5	5470.0000	51.13	12.49	63.62	68.20	-4.58	Peak	
6 *	5524.0000	99.08	12.63	111.71	68.20	43.51	Peak	No Limit
7	5531.0000	88.87	12.65	101.52	999.00	-897.48	AVG	No Limit

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

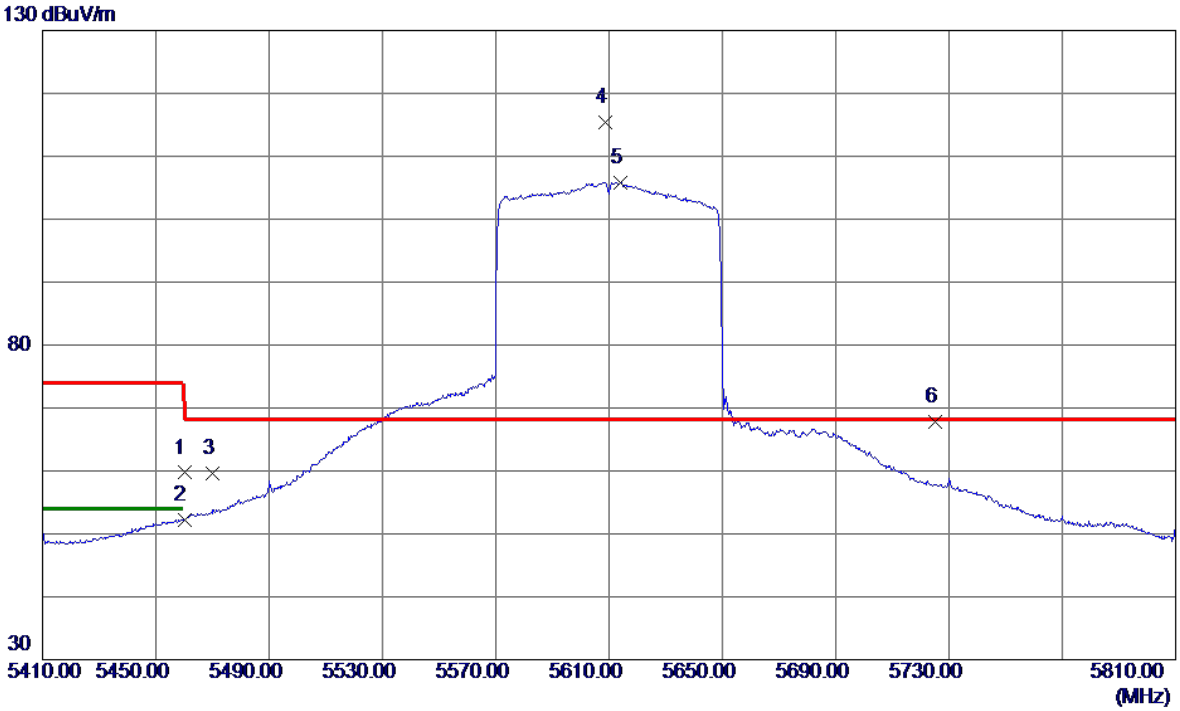
Test Mode	UNII-2C_TX AX(HE80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11055.9500	42.49	6.35	48.84	74.00	-25.16	Peak	
2 *	11069.1500	32.98	6.36	39.34	54.00	-14.66	AVG	

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

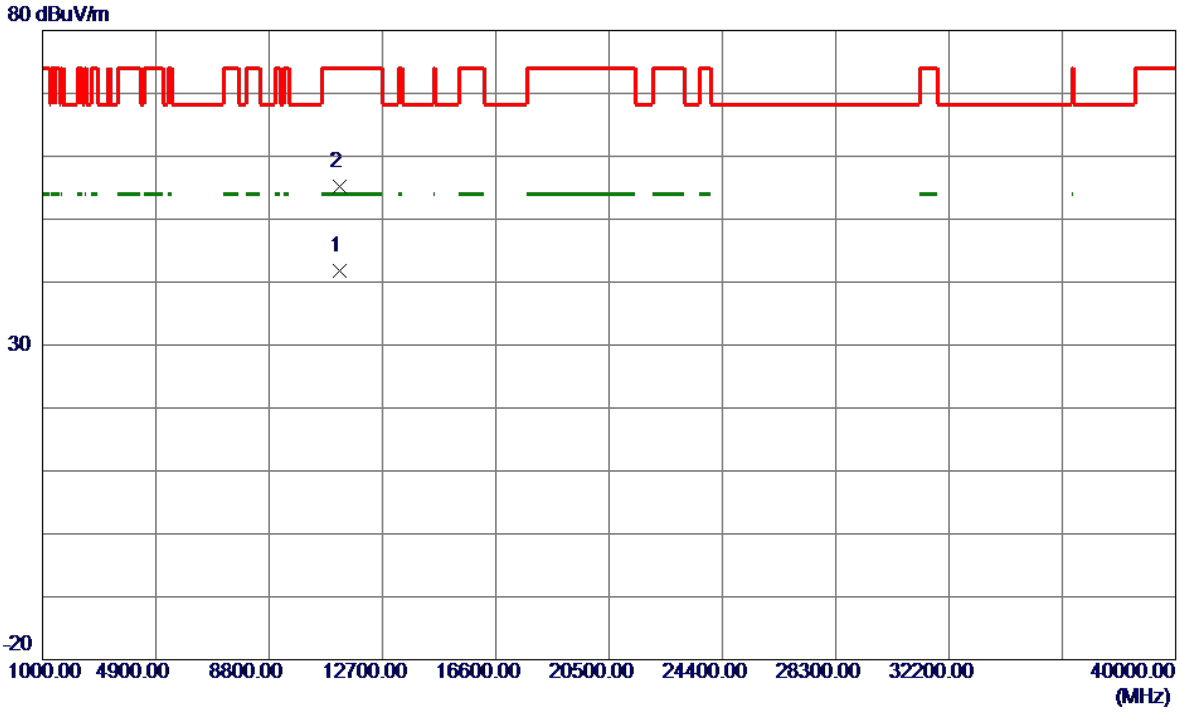
Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	47.24	12.46	59.70	74.00	-14.30	Peak	
2	5460.0000	39.78	12.46	52.24	54.00	-1.76	AVG	
3	5470.0000	47.05	12.49	59.54	68.20	-8.66	Peak	
4 *	5608.8000	102.60	12.88	115.48	68.20	47.28	Peak	No Limit
5	5614.0000	92.97	12.90	105.87	999.00	-893.13	AVG	No Limit
6	5725.0000	54.59	13.24	67.83	68.20	-0.37	Peak	

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

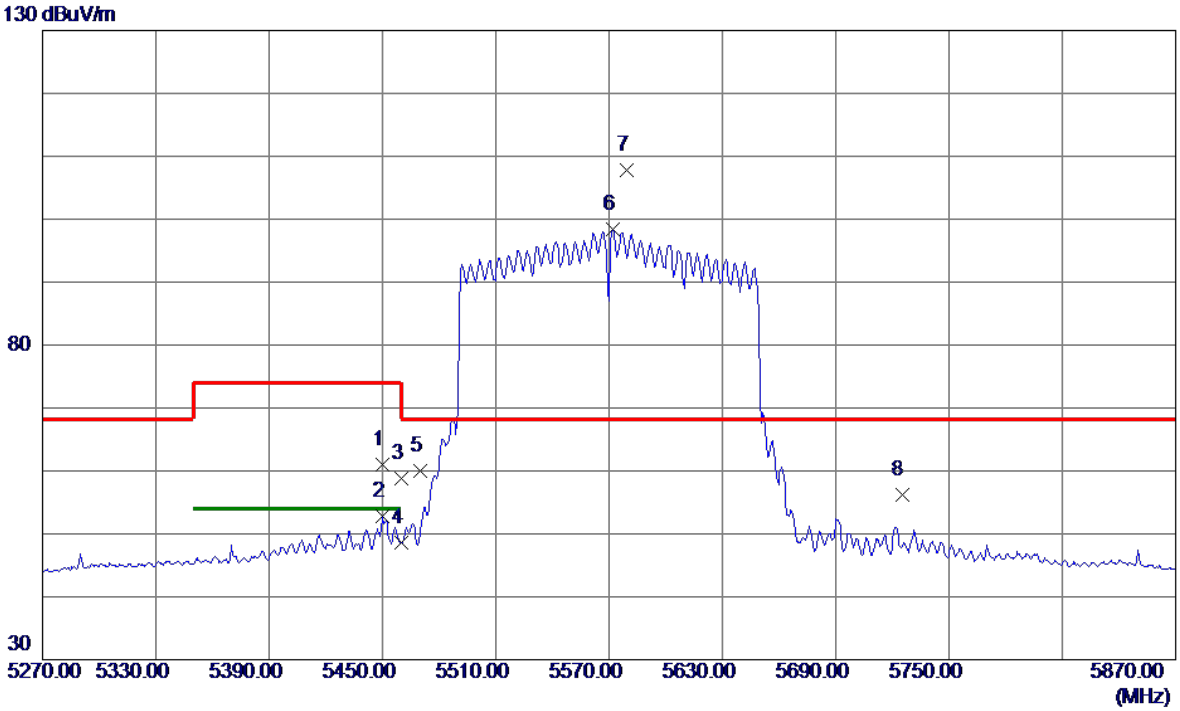
Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11233.9500	35.22	6.51	41.73	54.00	-12.27	AVG	
2	11241.9000	48.60	6.52	55.12	74.00	-18.88	Peak	

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

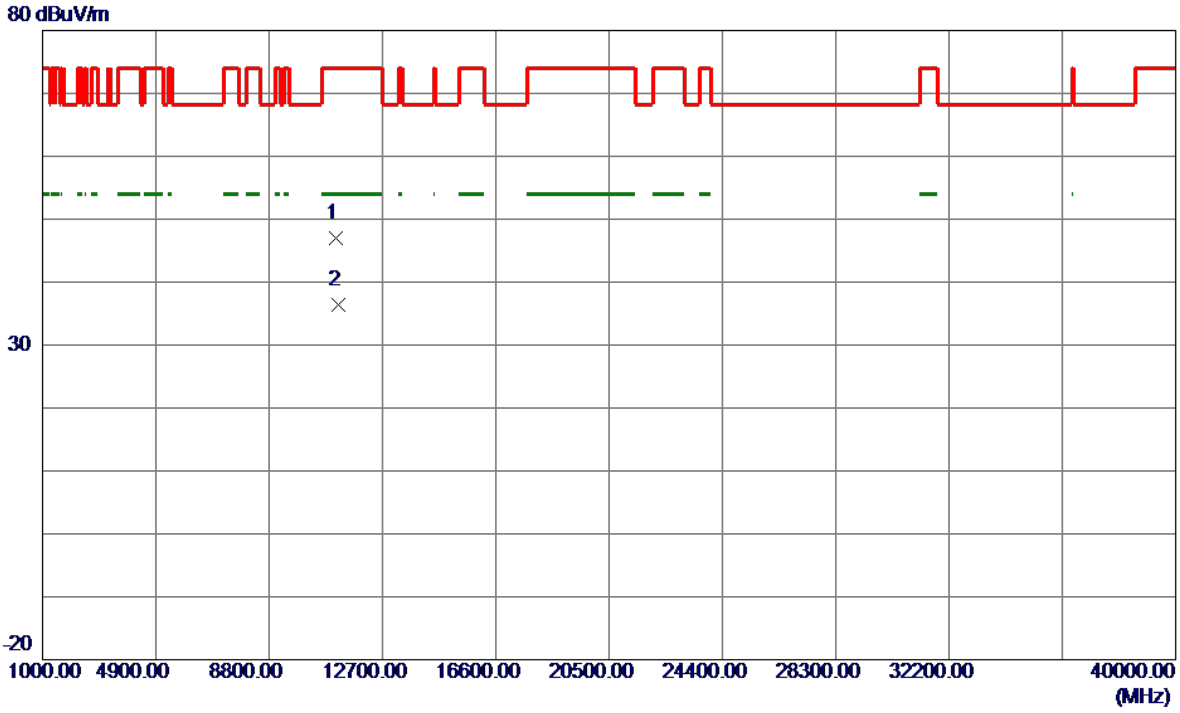
Test Mode	UNII-2C_TX AX(HE160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5450.0000	48.50	12.44	60.94	74.00	-13.06	Peak	
2	5450.0000	40.37	12.44	52.81	54.00	-1.19	AVG	
3	5460.0000	46.43	12.46	58.89	74.00	-15.11	Peak	
4	5460.0000	36.21	12.46	48.67	54.00	-5.33	AVG	
5	5470.0000	47.55	12.49	60.04	68.20	-8.16	Peak	
6	5572.1000	85.72	12.77	98.49	999.00	-900.51	AVG	No Limit
7 *	5579.3000	94.98	12.80	107.78	68.20	39.58	Peak	No Limit
8	5725.0000	43.04	13.24	56.28	68.20	-11.92	Peak	

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

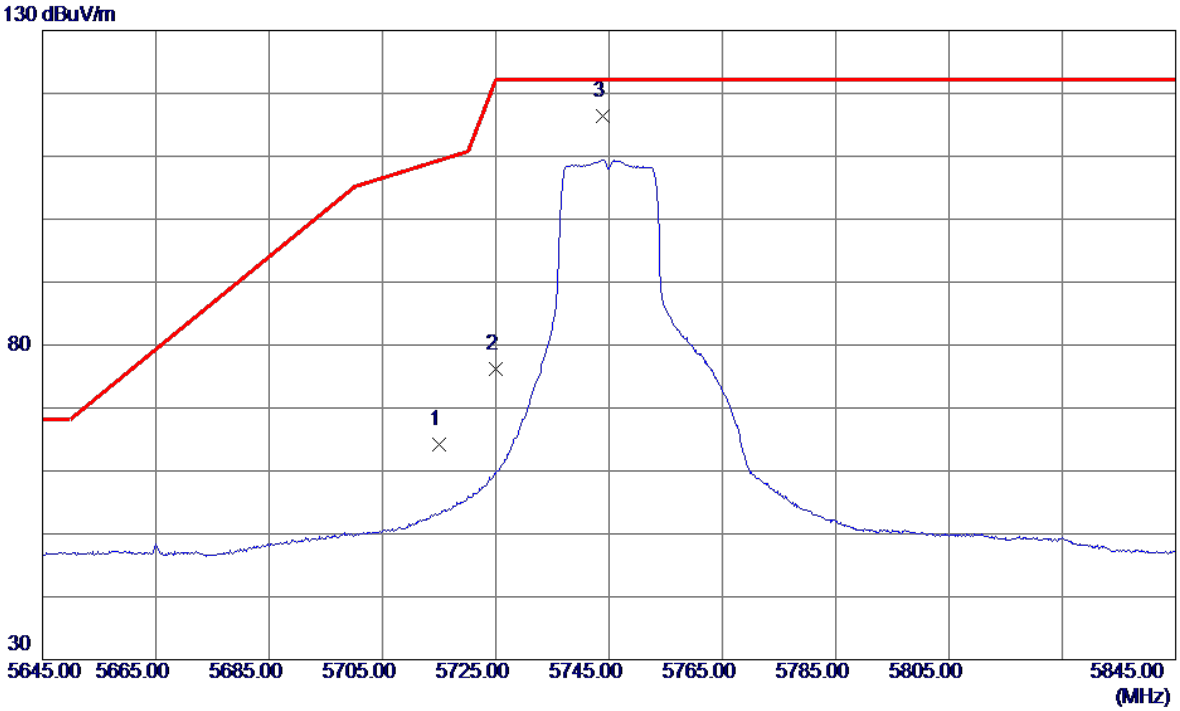
Test Mode	UNII-2C_TX AX(HE160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11091.4000	40.58	6.38	46.96	74.00	-27.04	Peak	
2 *	11192.9500	29.93	6.48	36.41	54.00	-17.59	AVG	

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

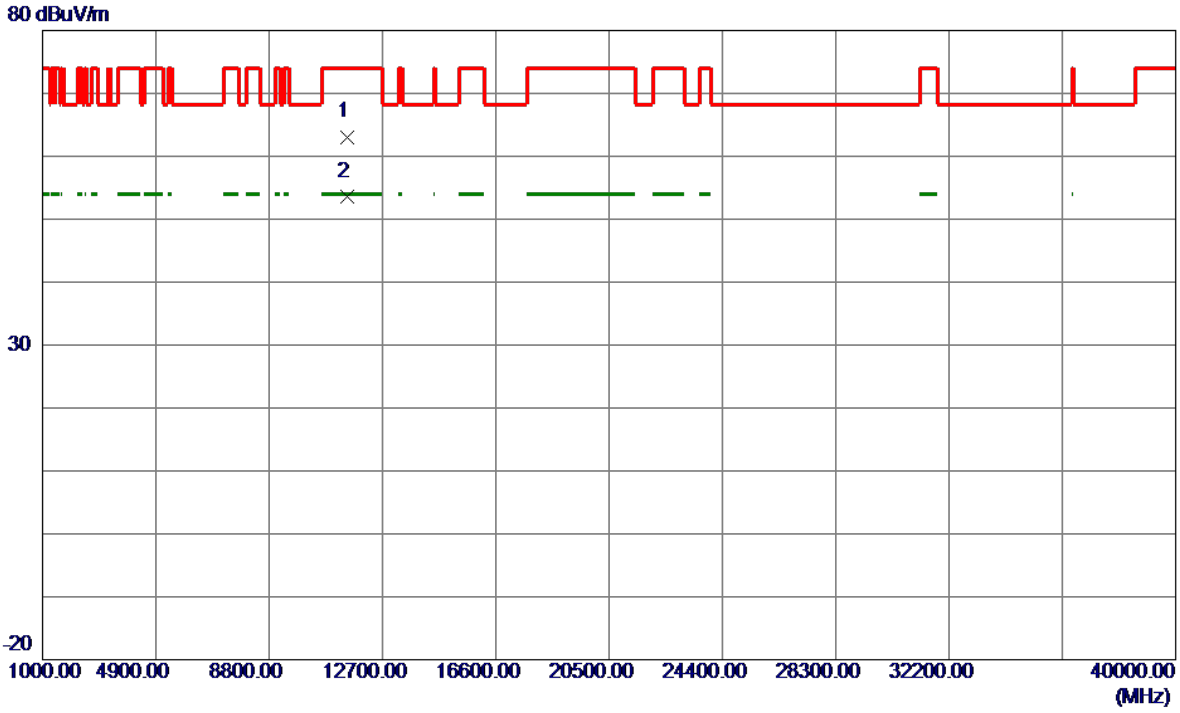
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	50.91	13.21	64.12	109.40	-45.28	Peak	
2	5725.0000	62.98	13.24	76.22	122.20	-45.98	Peak	
3 *	5743.9000	103.04	13.29	116.33	122.20	-5.87	Peak	No Limit

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

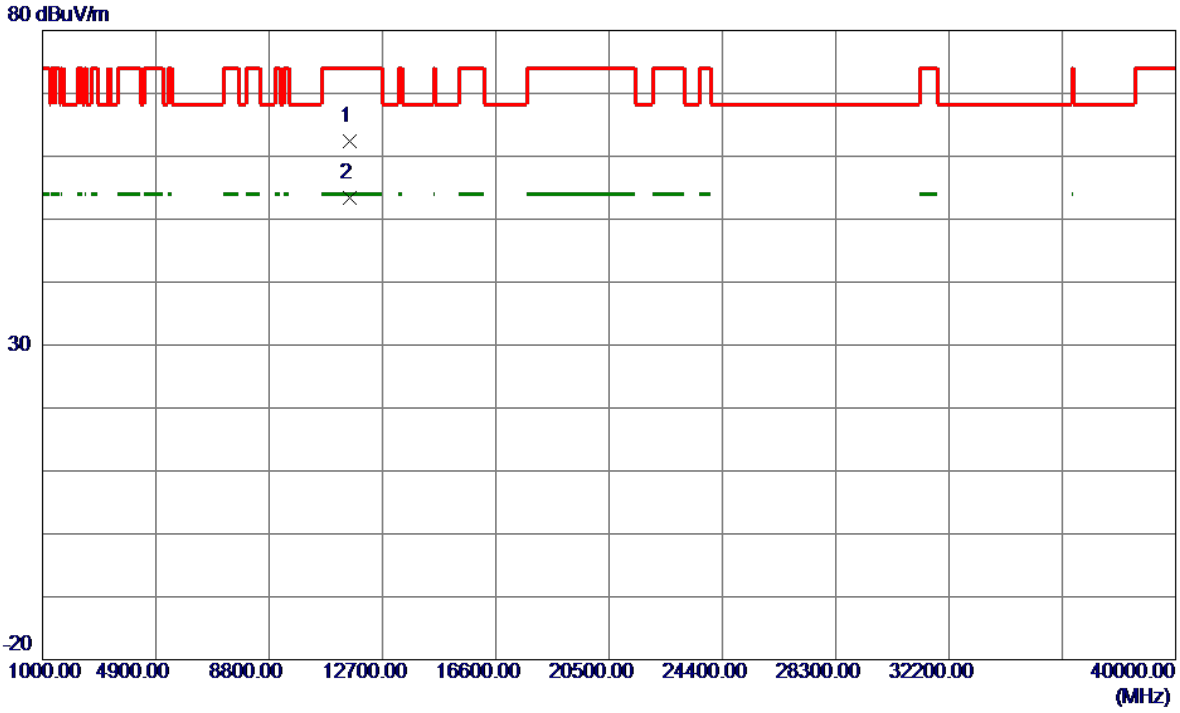
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11485.2000	56.36	6.74	63.10	74.00	-10.90	Peak	
2 *	11490.0000	46.77	6.75	53.52	54.00	-0.48	AVG	

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

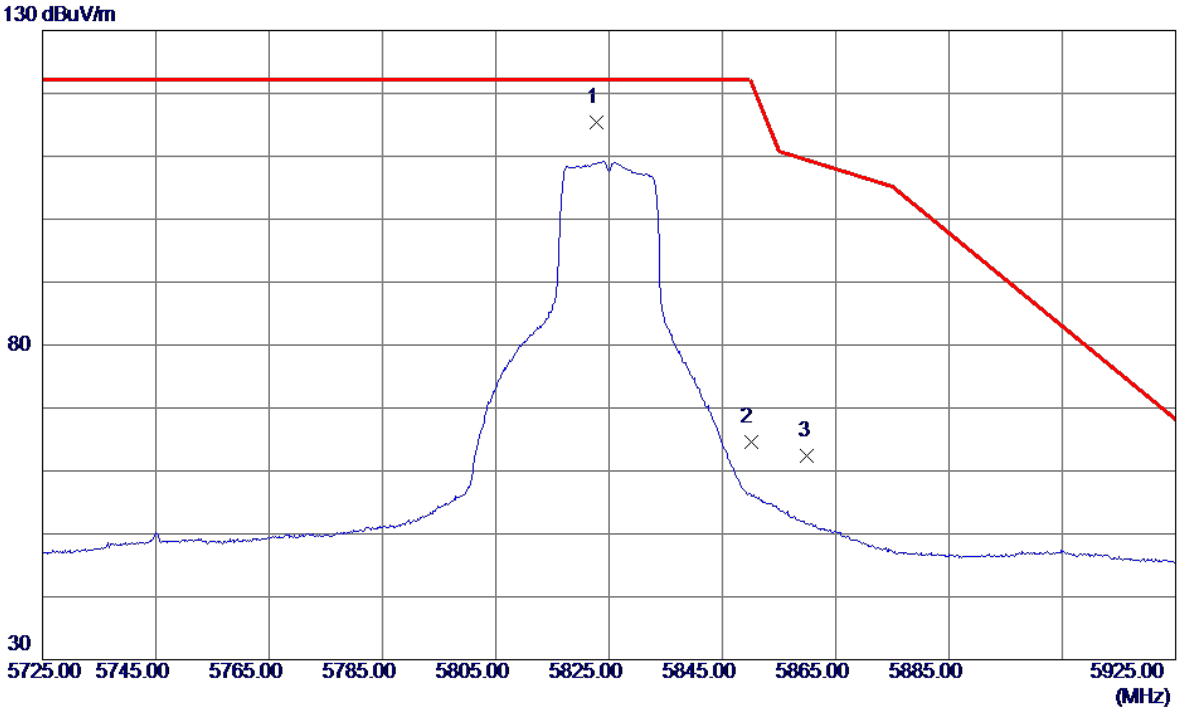
Test Mode	UNII-3_TX A Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11573.0000	55.70	6.74	62.44	74.00	-11.56	Peak	
2 *	11574.7000	46.63	6.73	53.36	54.00	-0.64	AVG	

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

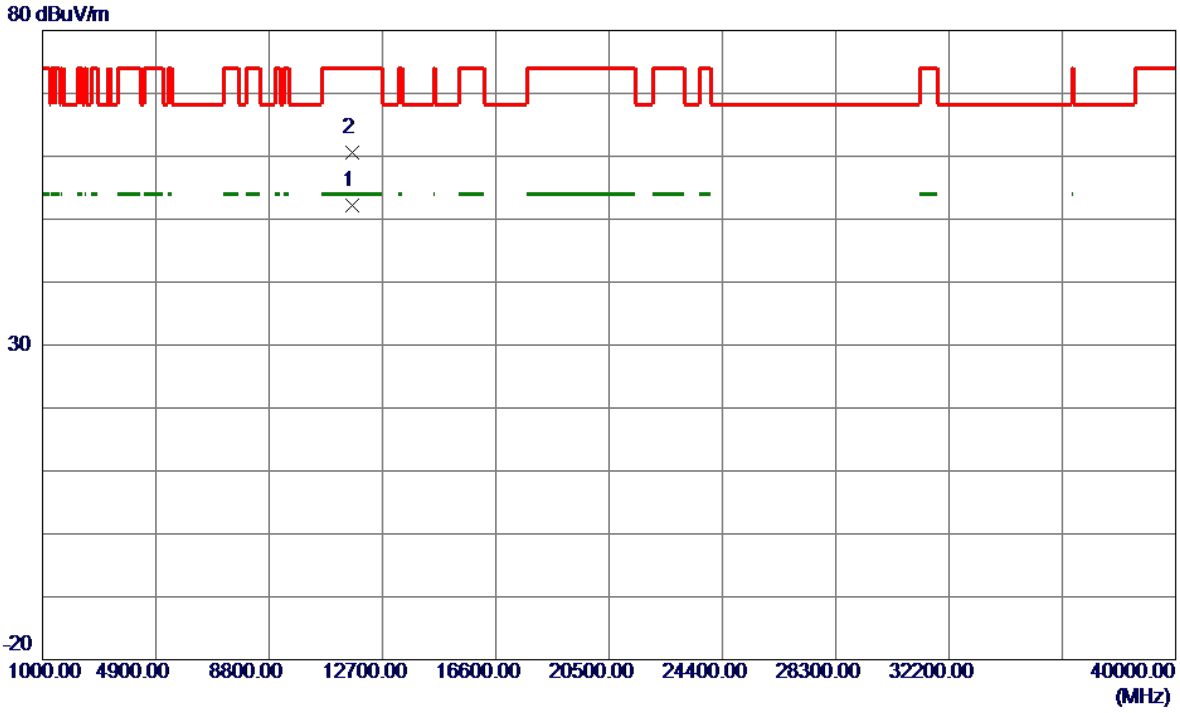
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5822.8000	101.93	13.53	115.46	122.20	-6.74	Peak	No Limit
2	5850.0000	50.95	13.62	64.57	122.20	-57.63	Peak	
3	5860.0000	48.75	13.65	62.40	109.40	-47.00	Peak	

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

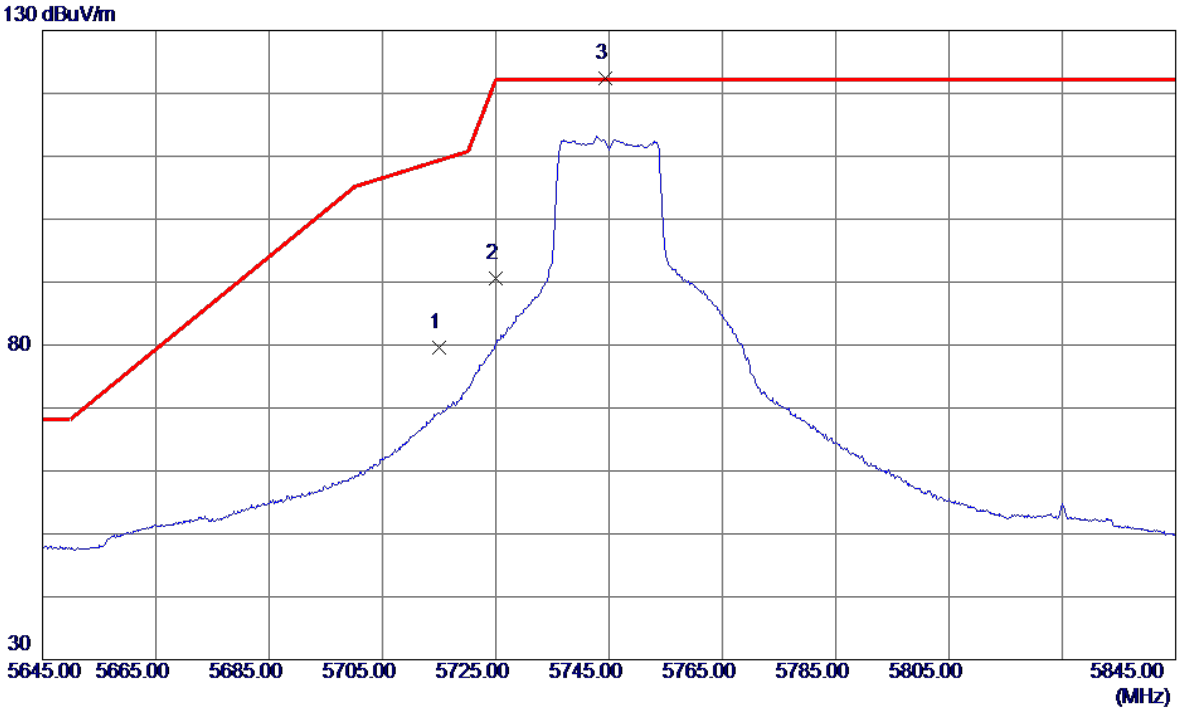
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.0000	45.46	6.71	52.17	54.00	-1.83	AVG	
2	11655.4000	53.90	6.71	60.61	74.00	-13.39	Peak	

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

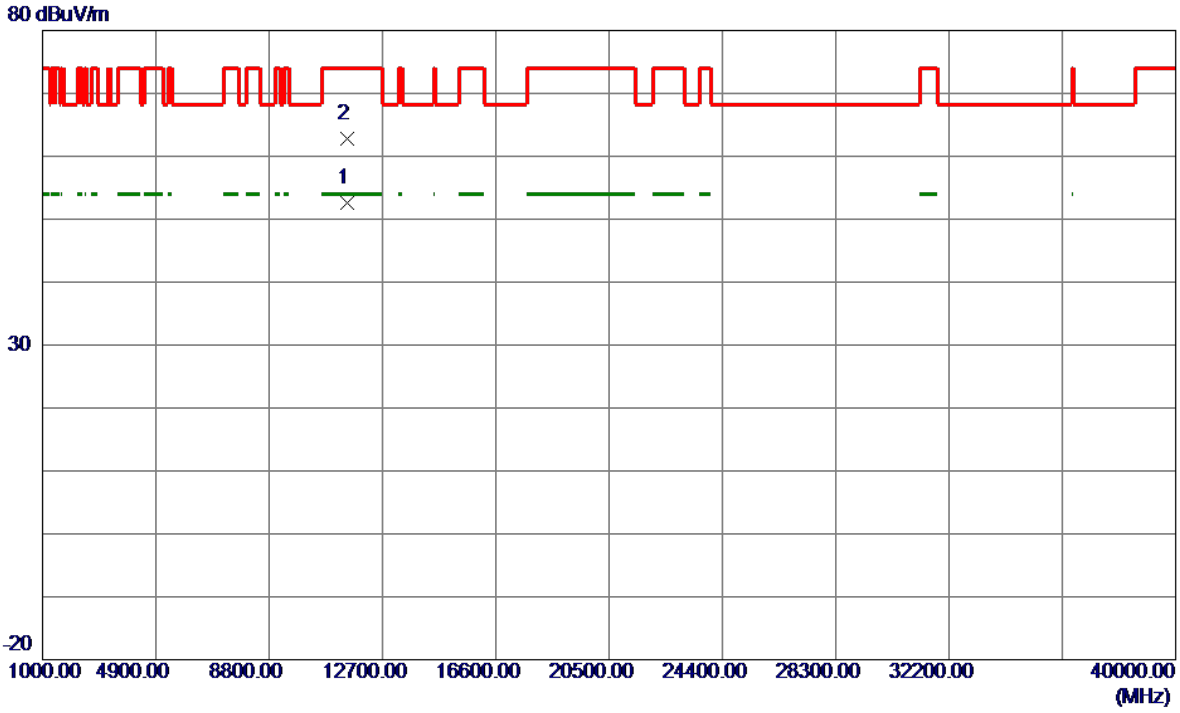
Test Mode	UNII-3_TX AC(VHT20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	66.33	13.21	79.54	109.40	-29.86	Peak	
2	5725.0000	77.32	13.24	90.56	122.20	-31.64	Peak	
3 *	5744.4000	109.04	13.30	122.34	122.20	0.14	Peak	No Limit

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

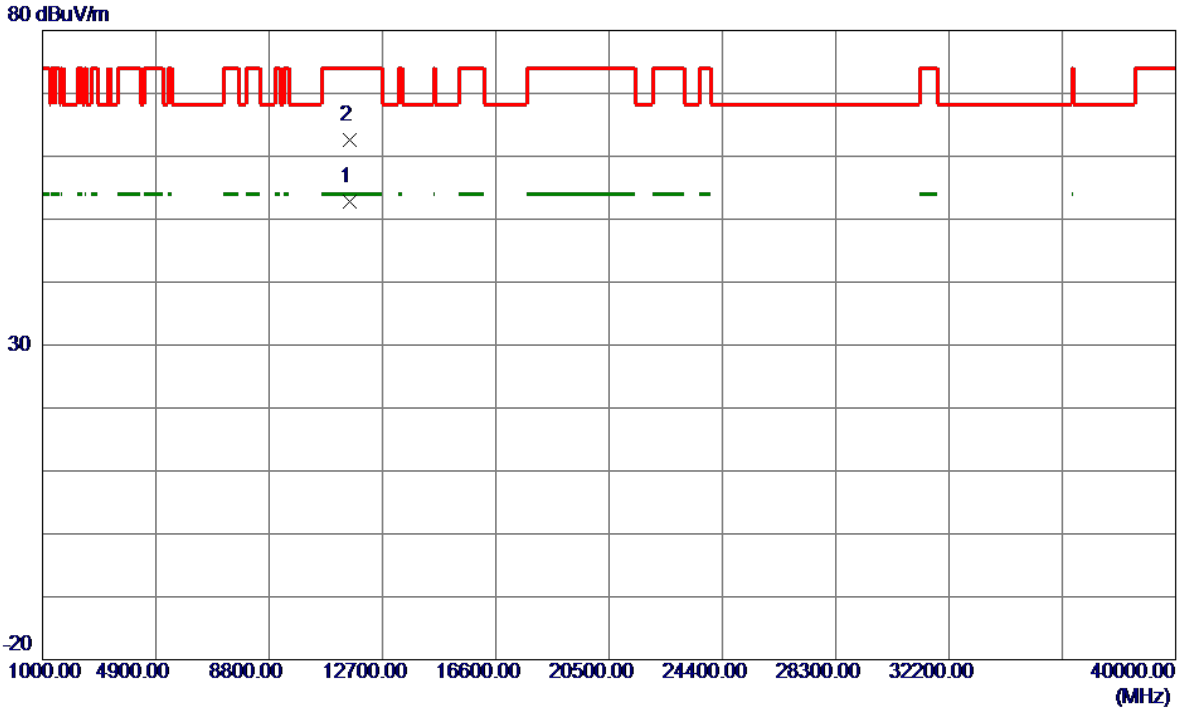
Test Mode	UNII-3_TX AC(VHT20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11486.9000	45.94	6.74	52.68	54.00	-1.32	AVG	
2	11487.2000	56.04	6.74	62.78	74.00	-11.22	Peak	

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

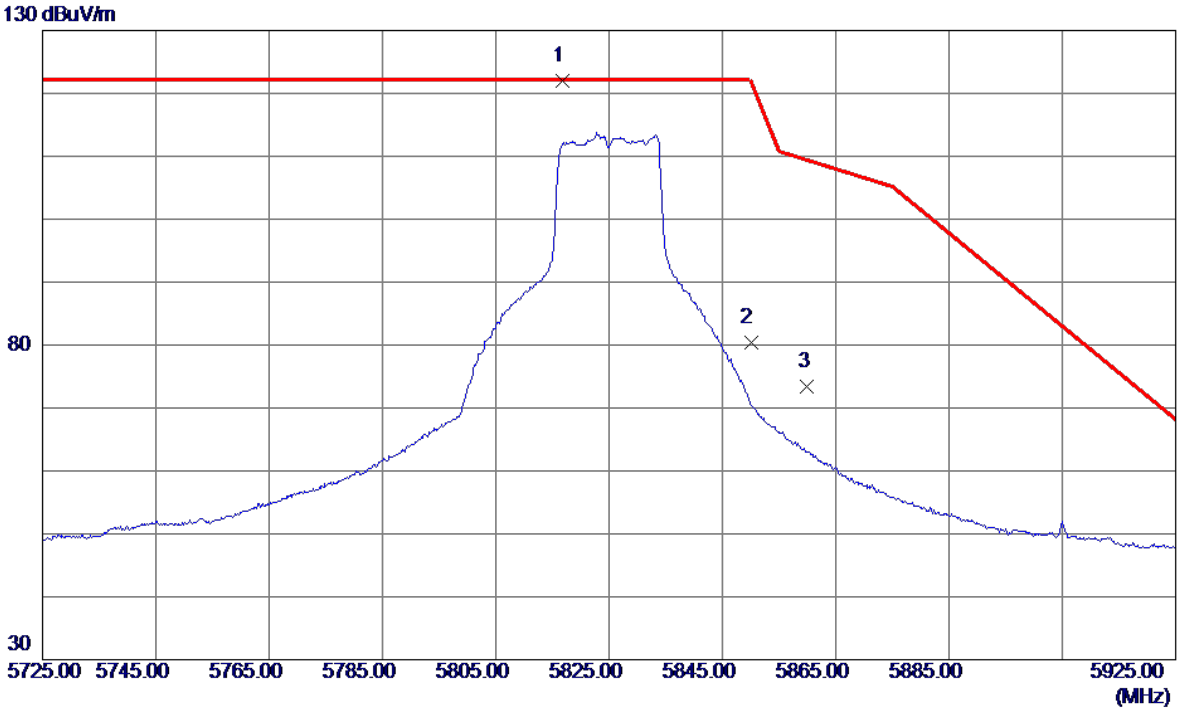
Test Mode	UNII-3_TX AC(VHT20) Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.4000	46.10	6.74	52.84	54.00	-1.16	AVG	
2	11570.8000	55.83	6.74	62.57	74.00	-11.43	Peak	

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

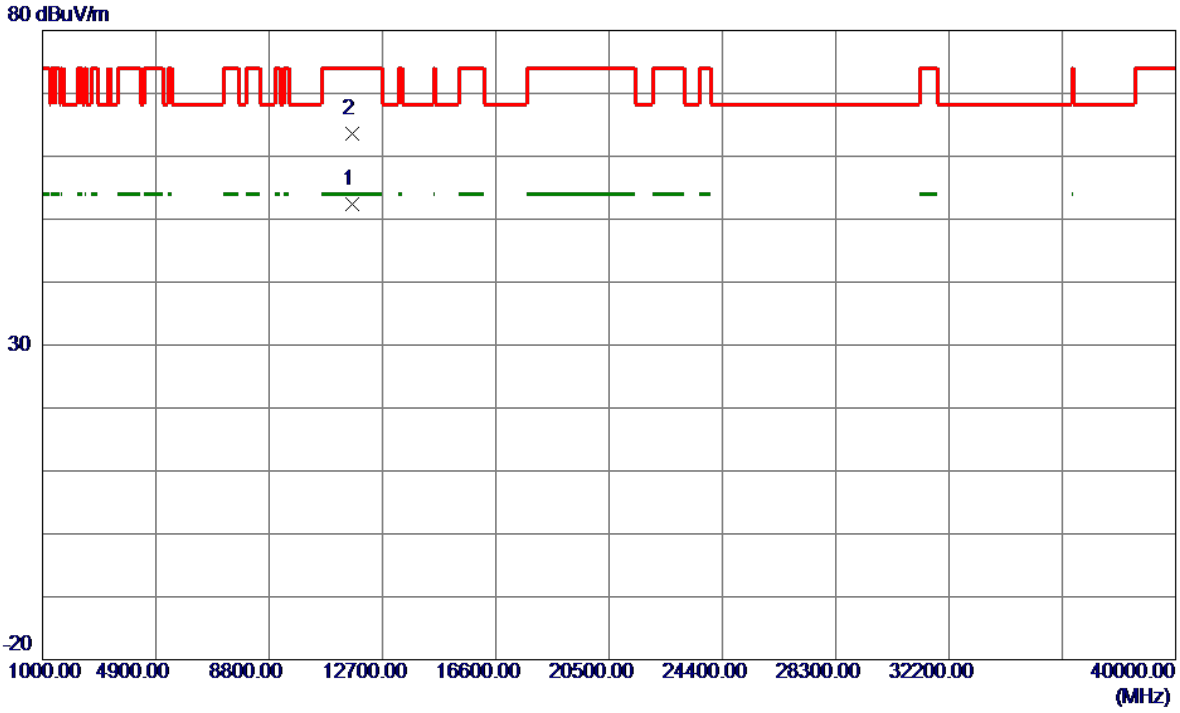
Test Mode	UNII-3_TX AC(VHT20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5816.8000	108.47	13.51	121.98	122.20	-0.22	Peak	No Limit
2	5850.0000	66.77	13.62	80.39	122.20	-41.81	Peak	
3	5860.0000	59.84	13.65	73.49	109.40	-35.91	Peak	

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

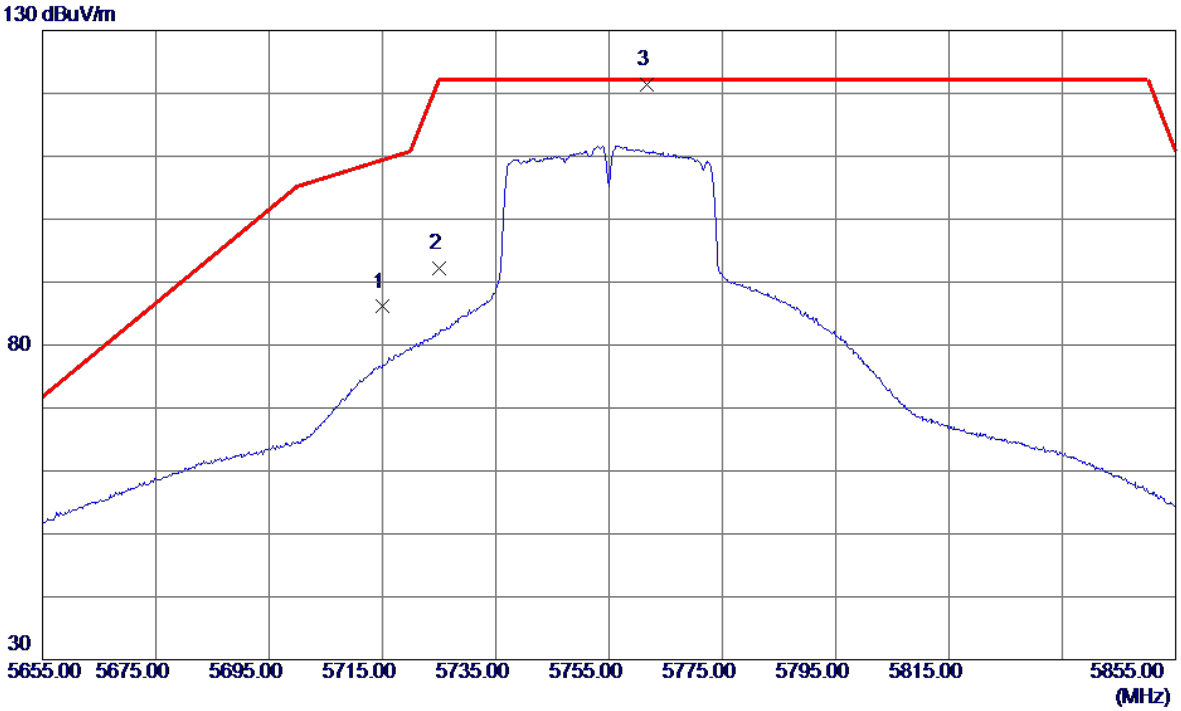
Test Mode	UNII-3_TX AC(VHT20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.9000	45.70	6.71	52.41	54.00	-1.59	AVG	
2	11652.7000	56.91	6.71	63.62	74.00	-10.38	Peak	

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

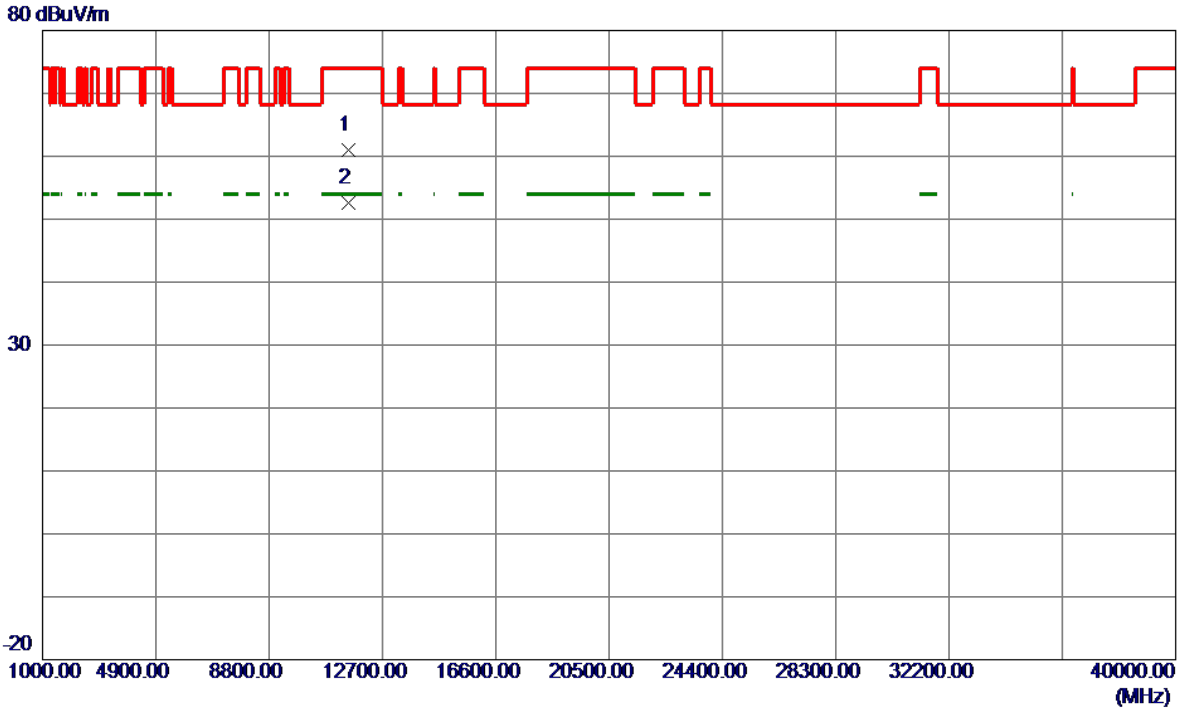
Test Mode	UNII-3_TX AC(VHT40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	72.89	13.21	86.10	109.40	-23.30	Peak	
2	5725.0000	79.00	13.24	92.24	122.20	-29.96	Peak	
3 *	5761.6000	108.01	13.35	121.36	122.20	-0.84	Peak	No Limit

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

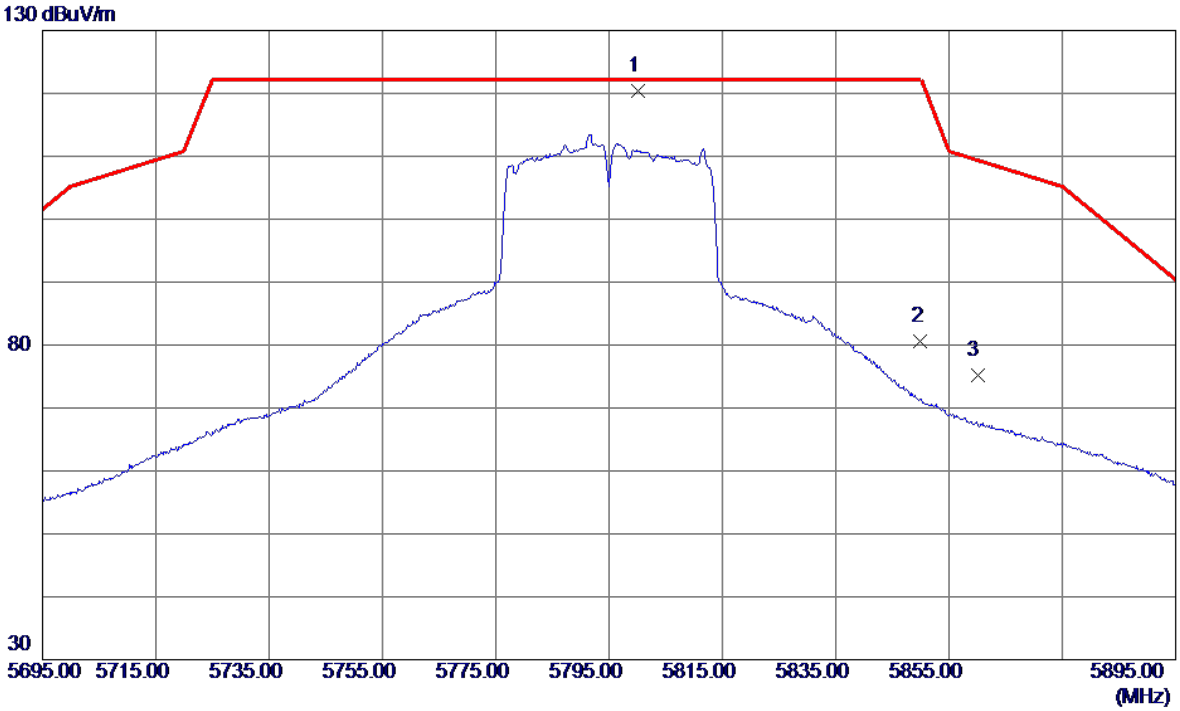
Test Mode	UNII-3_TX AC(VHT40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.2000	54.32	6.75	61.07	74.00	-12.93	Peak	
2 *	11511.5000	45.88	6.75	52.63	54.00	-1.37	AVG	

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

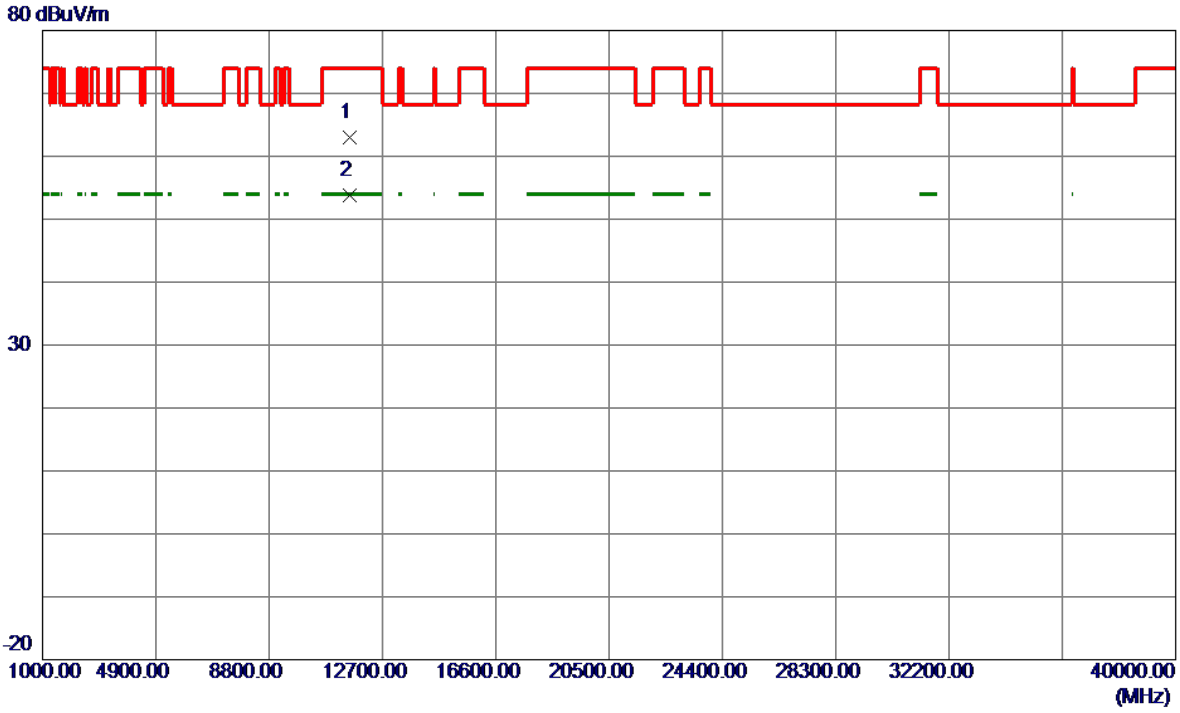
Test Mode	UNII-3_TX AC(VHT40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5800.2000	106.92	13.46	120.38	122.20	-1.82	Peak	No Limit
2	5850.0000	66.94	13.62	80.56	122.20	-41.64	Peak	
3	5860.0000	61.55	13.65	75.20	109.40	-34.20	Peak	

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

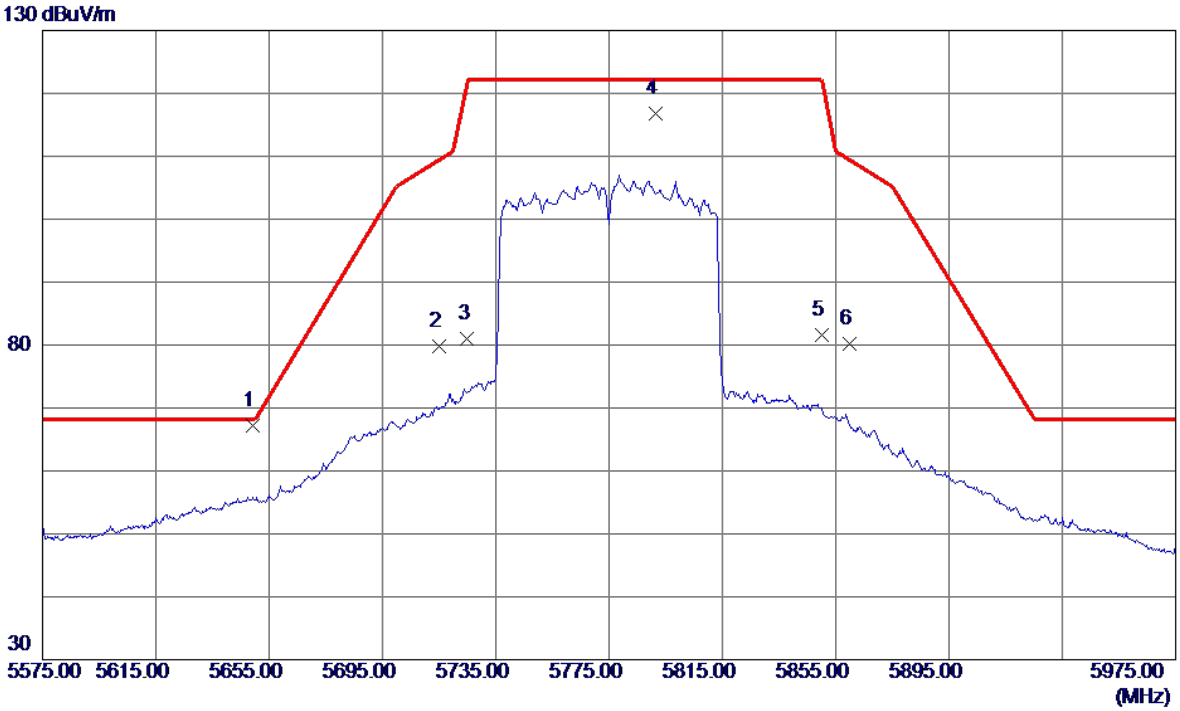
Test Mode	UNII-3_TX AC(VHT40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11587.6000	56.34	6.73	63.07	74.00	-10.93	Peak	
2 *	11588.1000	47.12	6.73	53.85	54.00	-0.15	AVG	

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

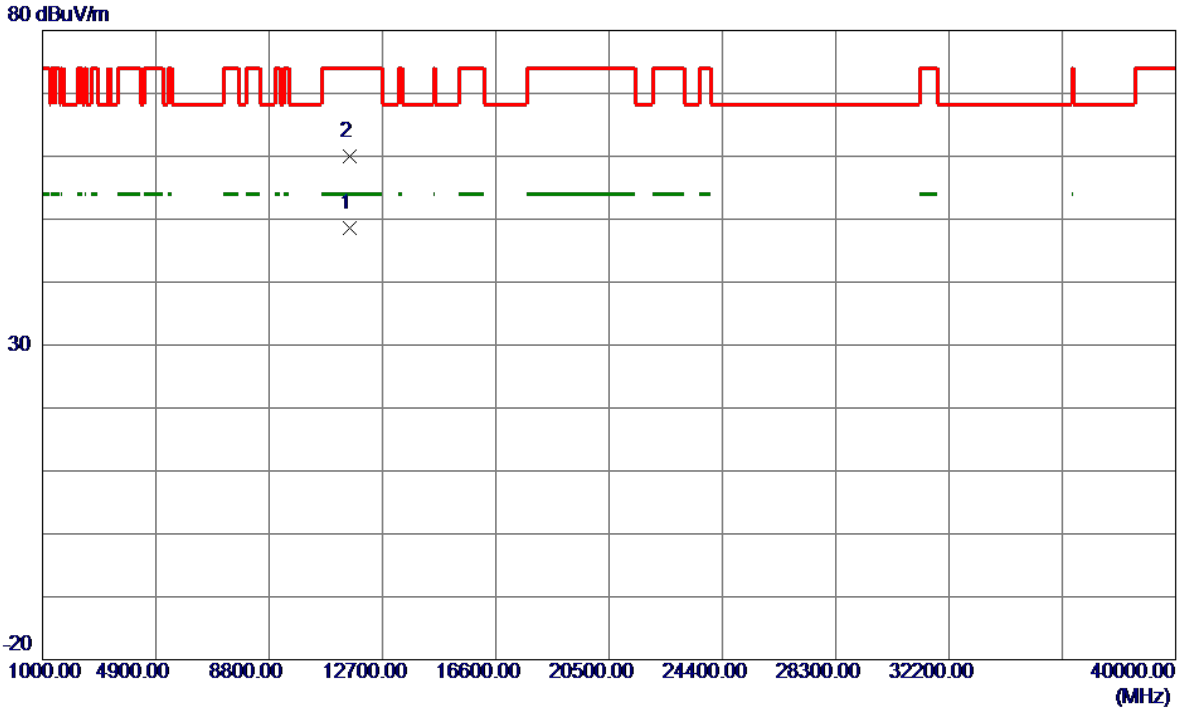
Test Mode	UNII-3_TX AC(VHT80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5649.4000	54.12	13.01	67.13	68.20	-1.07	Peak	
2	5715.0000	66.59	13.21	79.80	109.40	-29.60	Peak	
3	5725.0000	67.85	13.24	81.09	122.20	-41.11	Peak	
4	5791.6000	103.32	13.44	116.76	122.20	-5.44	Peak	No Limit
5	5850.0000	67.92	13.62	81.54	122.20	-40.66	Peak	
6	5860.0000	66.58	13.65	80.23	109.40	-29.17	Peak	

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

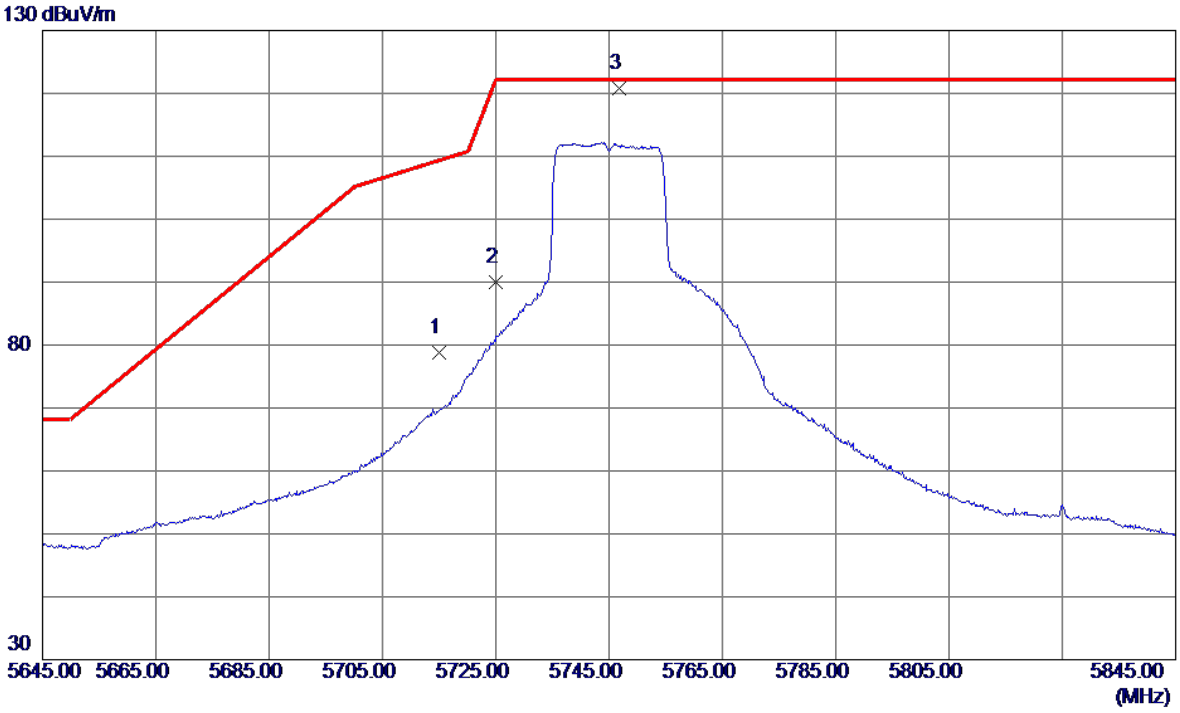
Test Mode	UNII-3_TX AC(VHT80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11563.4000	41.89	6.74	48.63	54.00	-5.37	AVG	
2	11577.2000	53.27	6.73	60.00	74.00	-14.00	Peak	

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

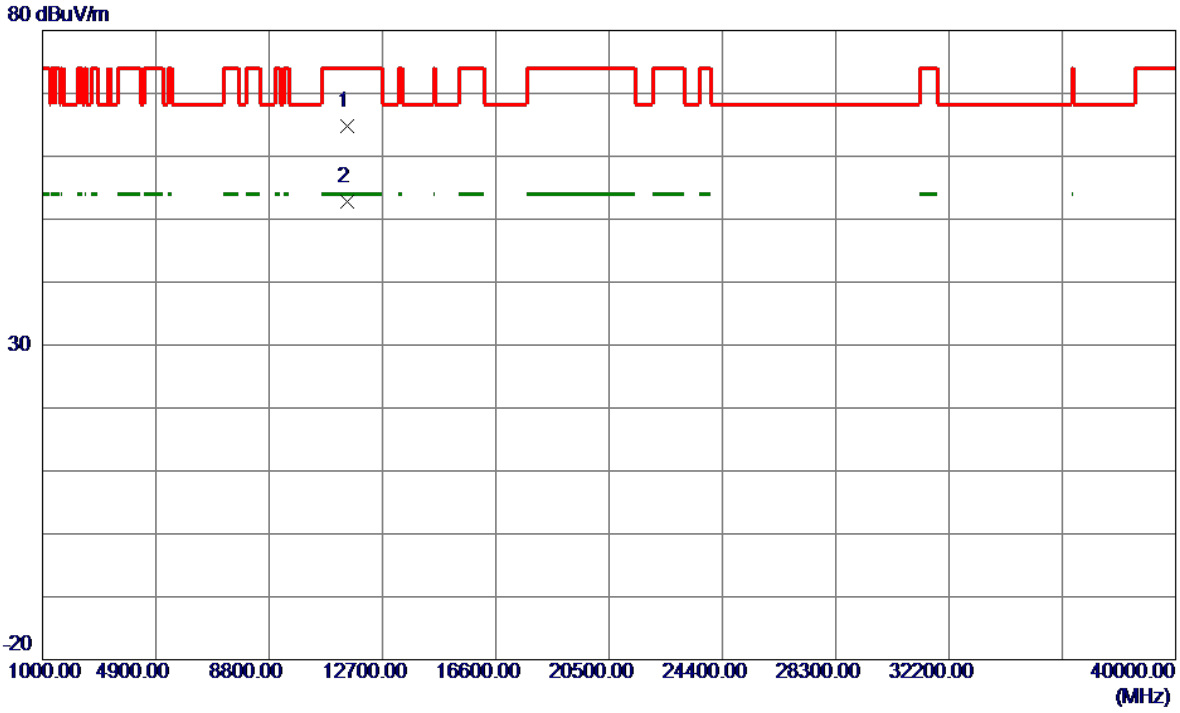
Test Mode	UNII-3_TX AX(HE20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	65.65	13.21	78.86	109.40	-30.54	Peak	
2	5725.0000	76.73	13.24	89.97	122.20	-32.23	Peak	
3 *	5746.8000	107.42	13.30	120.72	122.20	-1.48	Peak	No Limit

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

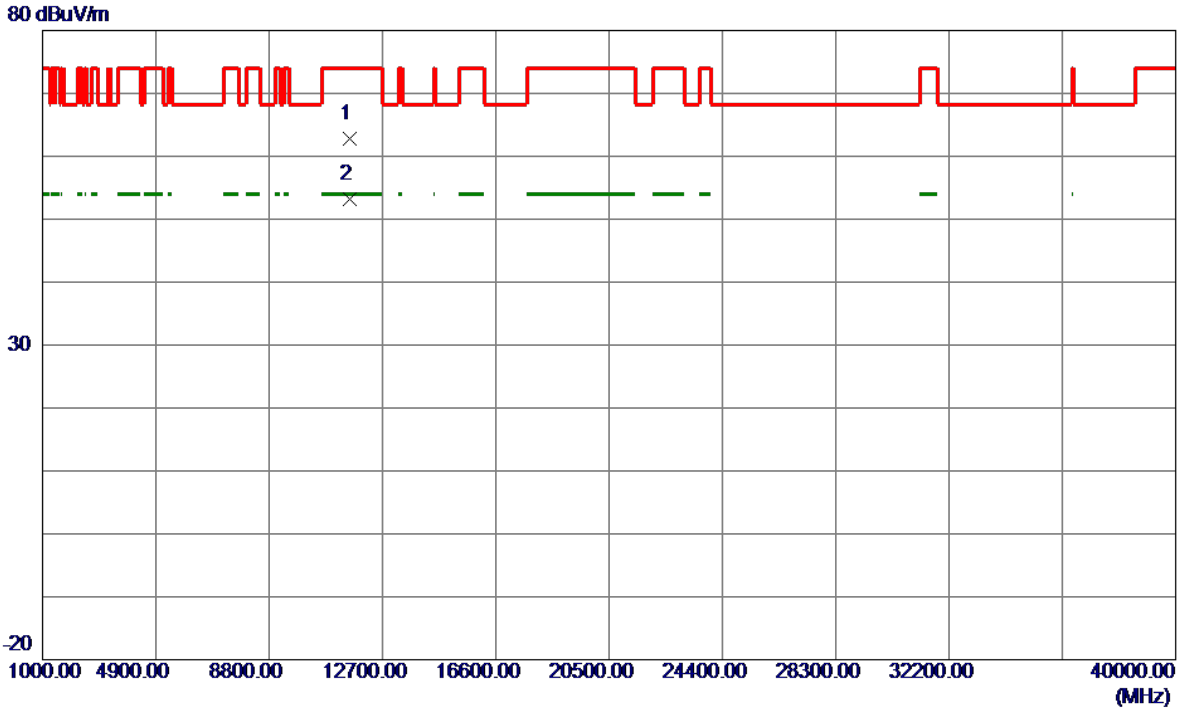
Test Mode	UNII-3_TX AX(HE20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11483.8000	58.09	6.74	64.83	74.00	-9.17	Peak	
2 *	11483.8000	46.10	6.74	52.84	54.00	-1.16	AVG	

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

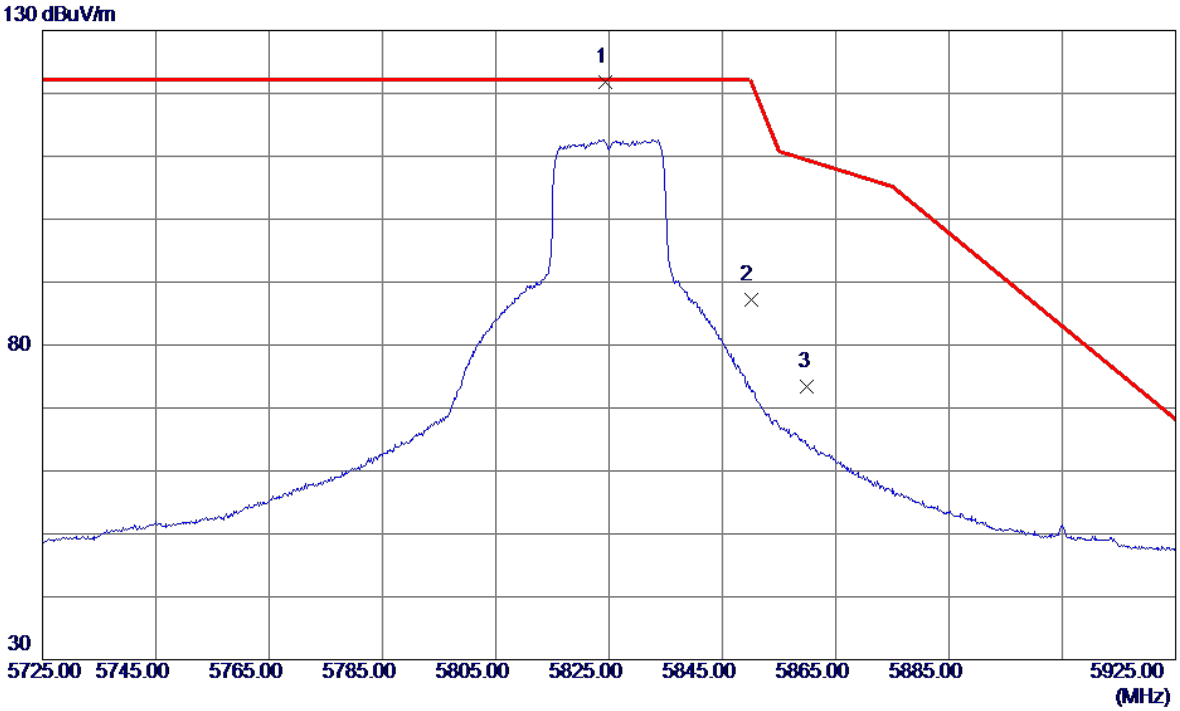
Test Mode	UNII-3_TX AX(HE20) Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11564.0000	56.01	6.74	62.75	74.00	-11.25	Peak	
2 *	11568.9000	46.39	6.74	53.13	54.00	-0.87	AVG	

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

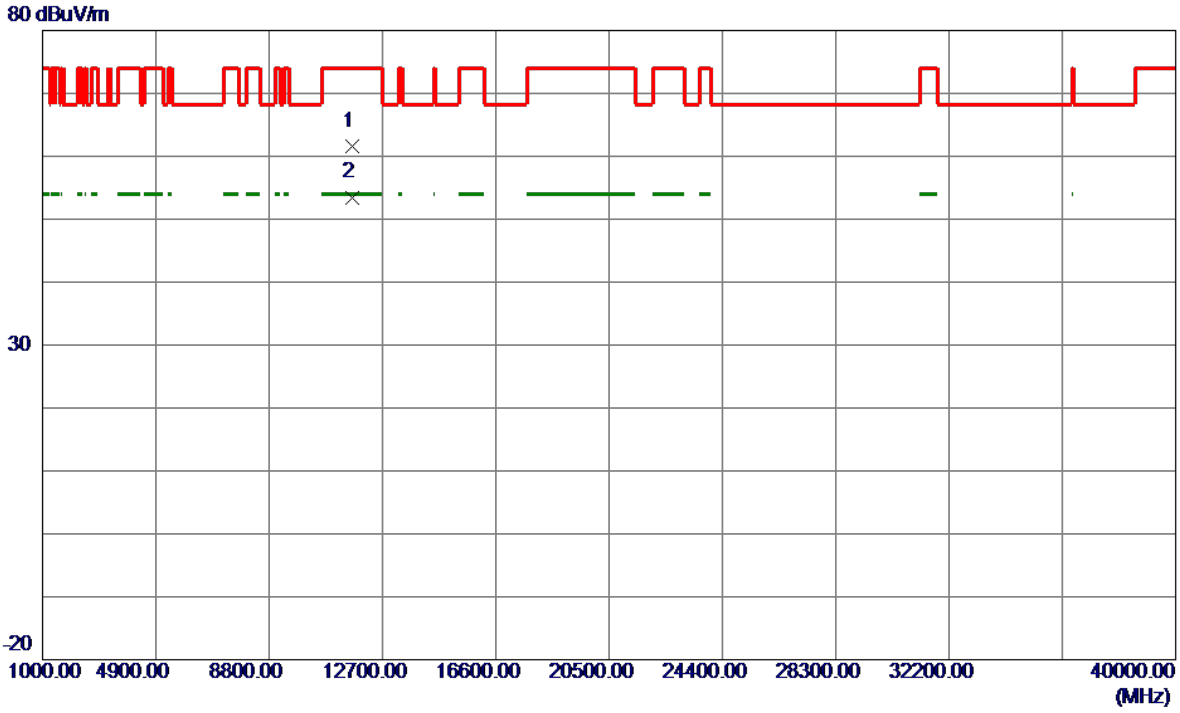
Test Mode	UNII-3_TX AX(HE20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5824.3000	108.24	13.54	121.78	122.20	-0.42	Peak	No Limit
2	5850.0000	73.49	13.62	87.11	122.20	-35.09	Peak	
3	5860.0000	59.70	13.65	73.35	109.40	-36.05	Peak	

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

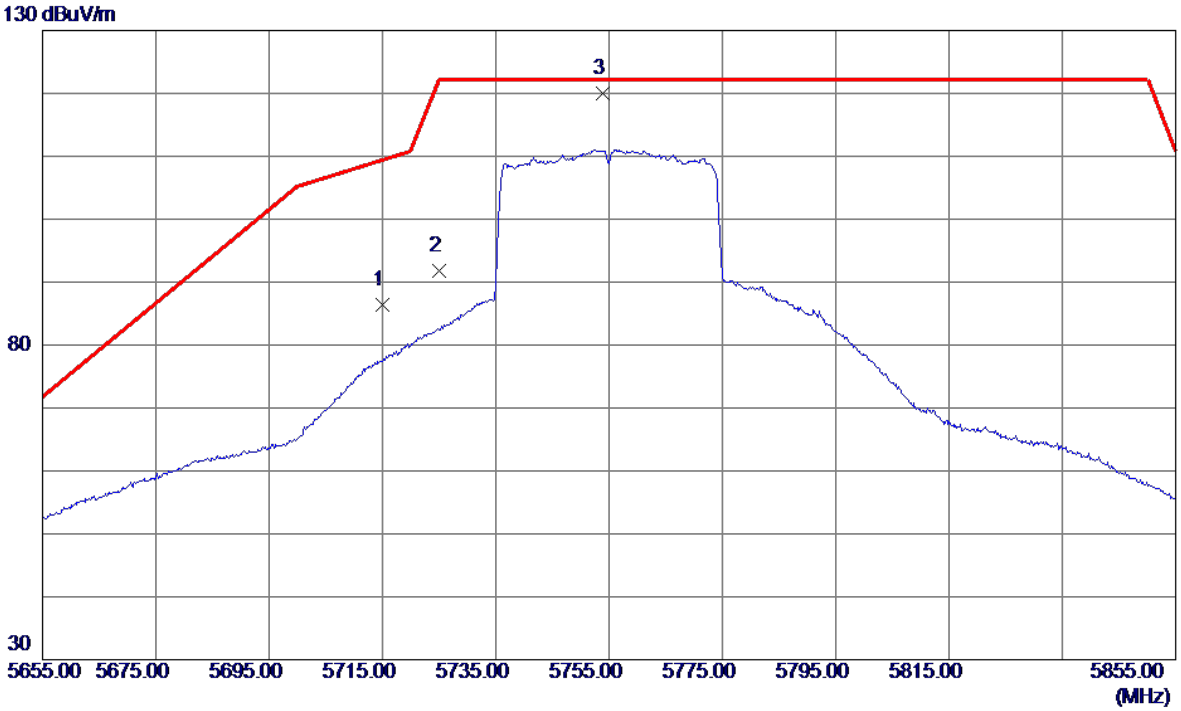
Test Mode	UNII-3_TX AX(HE20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.4000	54.88	6.71	61.59	74.00	-12.41	Peak	
2 *	11650.3000	46.79	6.71	53.50	54.00	-0.50	AVG	

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

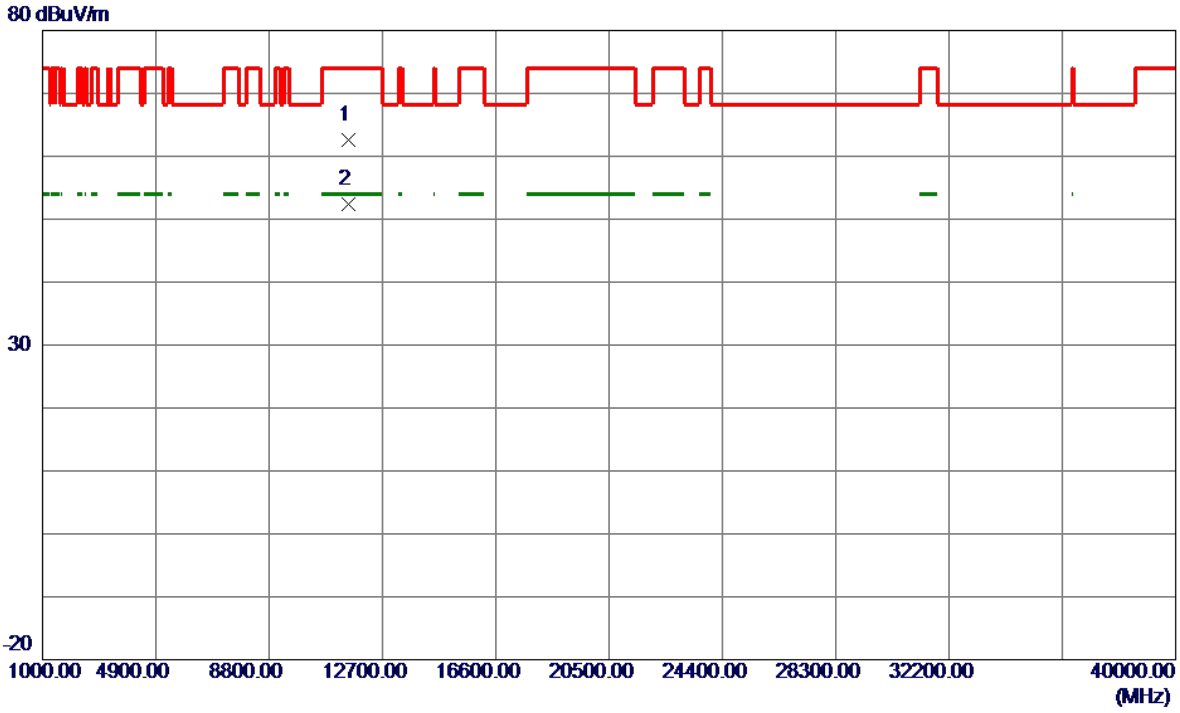
Test Mode	UNII-3_TX AX(HE40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	73.12	13.21	86.33	109.40	-23.07	Peak	
2	5725.0000	78.50	13.24	91.74	122.20	-30.46	Peak	
3 *	5753.9000	106.68	13.32	120.00	122.20	-2.20	Peak	No Limit

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

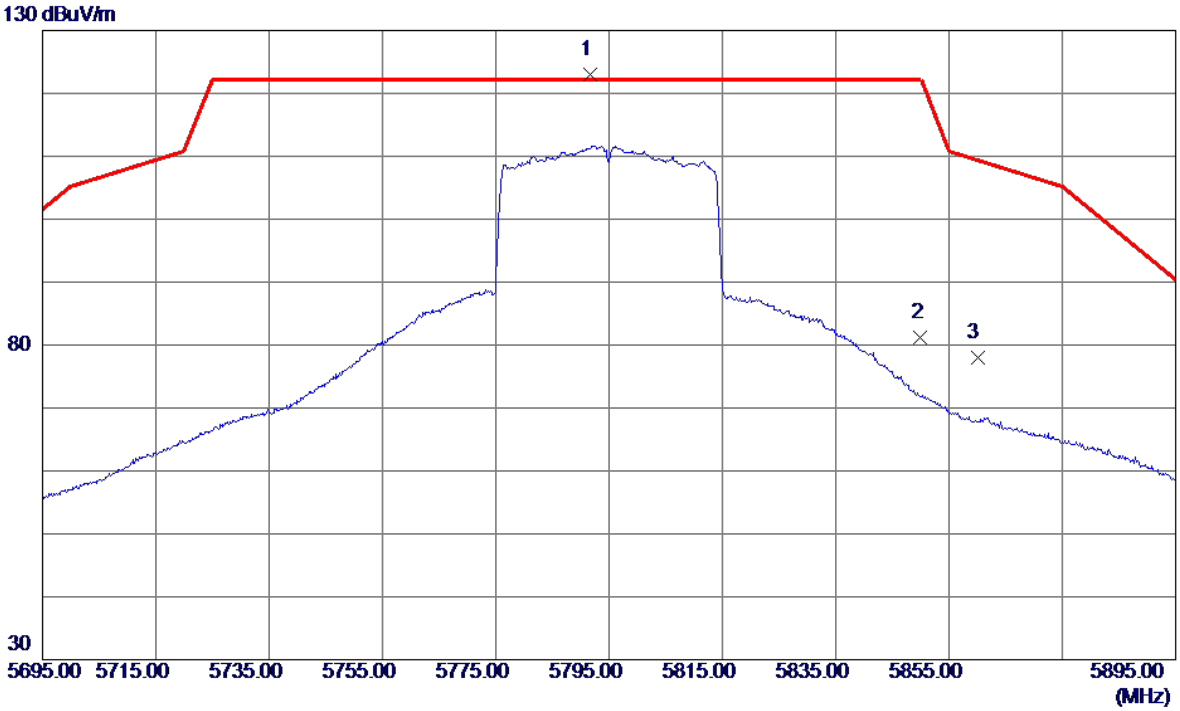
Test Mode	UNII-3_TX AX(HE40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11509.6000	55.87	6.75	62.62	74.00	-11.38	Peak	
2 *	11517.6000	45.68	6.75	52.43	54.00	-1.57	AVG	

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

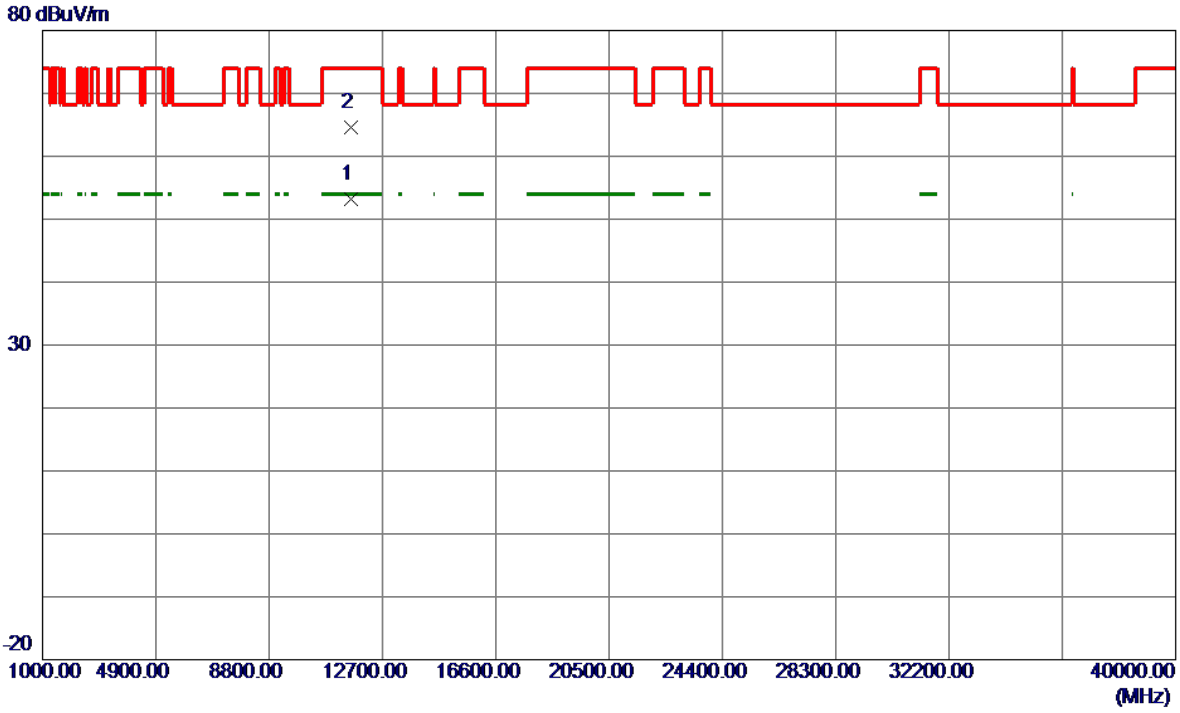
Test Mode	UNII-3_TX AX(HE40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5791.7000	109.66	13.44	123.10	122.20	0.90	Peak	No Limit
2	5850.0000	67.61	13.62	81.23	122.20	-40.97	Peak	
3	5860.0000	64.36	13.65	78.01	109.40	-31.39	Peak	

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

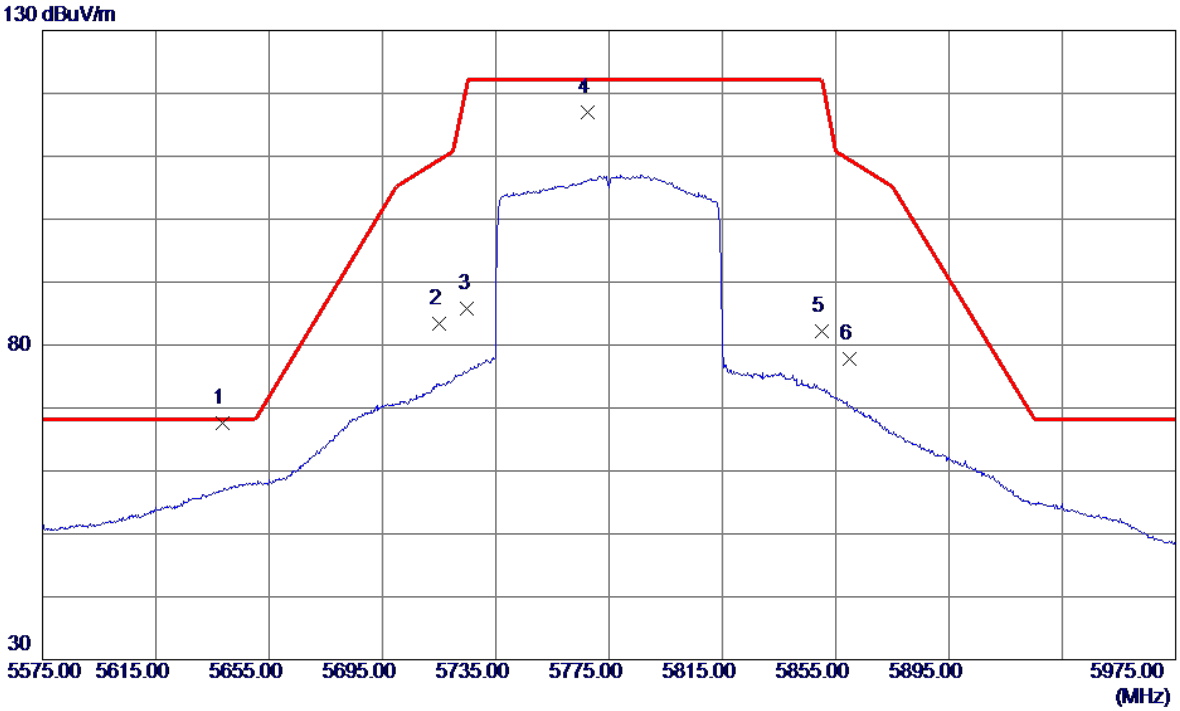
Test Mode	UNII-3_TX AX(HE40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11596.0000	46.43	6.73	53.16	54.00	-0.84	AVG	
2	11597.3000	57.88	6.73	64.61	74.00	-9.39	Peak	

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

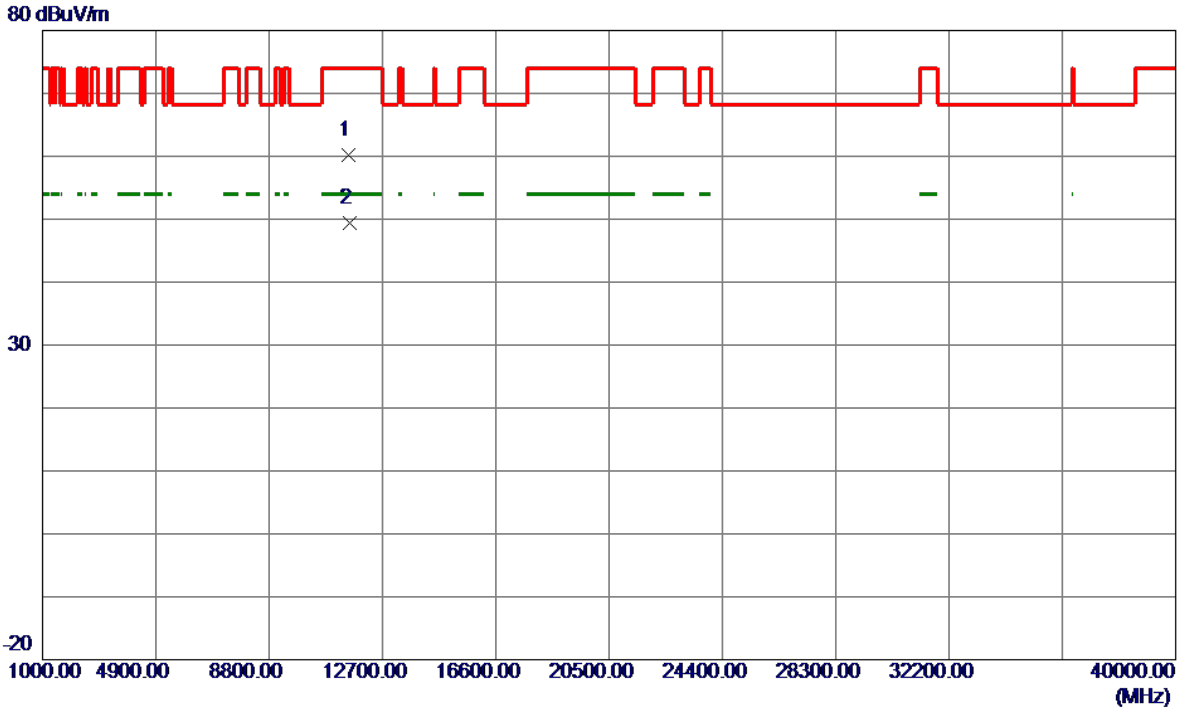
Test Mode	UNII-3_TX AX(HE80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5638.6000	54.60	12.97	67.57	68.20	-0.63	Peak	
2	5715.0000	70.24	13.21	83.45	109.40	-25.95	Peak	
3	5725.0000	72.58	13.24	85.82	122.20	-36.38	Peak	
4	5767.4000	103.67	13.37	117.04	122.20	-5.16	Peak	No Limit
5	5850.0000	68.66	13.62	82.28	122.20	-39.92	Peak	
6	5860.0000	64.09	13.65	77.74	109.40	-31.66	Peak	

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

Test Mode	UNII-3_TX AX(HE80) 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	11548.6000	53.45	6.74	60.19	74.00	-13.81	Peak	
2 *	11557.4000	42.68	6.74	49.42	54.00	-4.58	AVG	

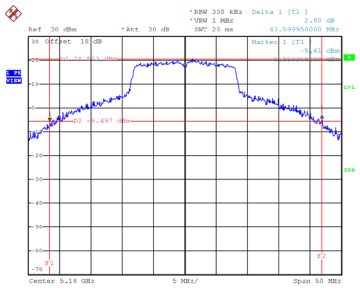
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	43.600	28.500
40	5200	44.550	29.000
48	5240	45.200	30.100

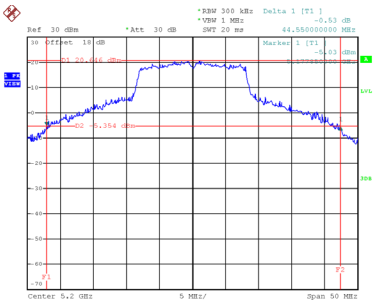
CH36



Date: 13.DEC.2023 14:06:11

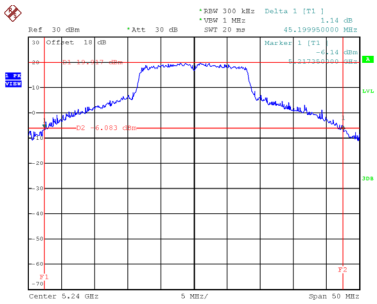
CH40

26 dB Bandwidth

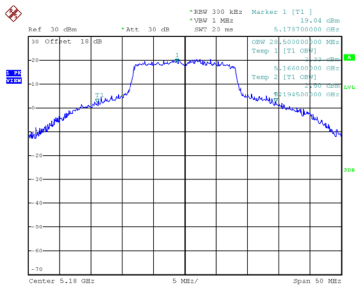


Date: 13.DEC.2023 14:06:41

CH48

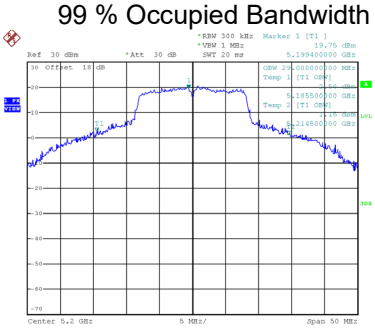


Date: 13.DEC.2023 14:07:13

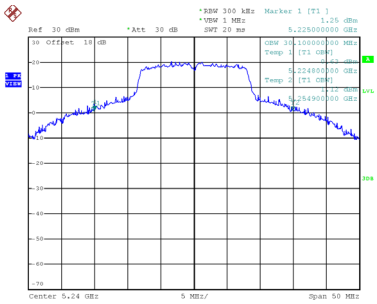


Date: 13.DEC.2023 14:05:58

99 % Occupied Bandwidth



Date: 13.DEC.2023 14:06:29



Date: 13.DEC.2023 14:07:00