FCC Radio Test Report

FCC ID: 2AXJ4RE715X

This report concerns: Original Grant

Project No.	:	2110C068
Equipment	:	AX3000 Wi-Fi 6 Range Extender
Brand Name	:	tp-link
Test Model	:	RE715X
Series Model	:	N/A
Applicant	:	TP-Link Corporation Limited
Address	:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong
Manufacturer	:	TP-Link Corporation Limited
Address	:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong
Date of Receipt	:	Oct. 20, 2021
Date of Test	:	Oct. 21, 2021 ~ Nov. 26, 2021 Dec. 08, 2021 ~ Dec. 20, 2021
Issued Date	:	Dec. 29, 2021
Report Version	:	R02
Test Sample	:	Engineering Sample No.: DG2021102062
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart E FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 FCC KDB 662911 D01 Multiple Transmitter Output v02r01 ANSI C63.10-2013

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

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TESTING CERT #5123.02

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Declaration

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

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

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

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

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

Limitation

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

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Dec. 01, 2021
R01	Updated the data of power, OBW and PSD.	Dec. 22, 2021
R02	Modified the comments of TCB.	Dec. 29, 2021

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town, Dongguan City, Guangdong, People's Republic of China.
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

1.2 MEASUREMENT UNCERTAINTY

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

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.60

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	-	3.02
		30MHz ~ 200MHz	V	4.36
		30MHz ~ 200MHz	H	3.32
		200MHz ~ 1,000MHz	V	4.08
		200MHz ~ 1,000MHz	H	3.96
		1GHz ~ 6GHz	-	3.80
		6GHz ~ 18GHz	-	4.82
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

C. Other Measurement test:

Test Item	Uncertainty
Bandwidth	±3.8 %
Maximum Output Power	±0.95 dB
Power Spectral Density	±0.86 dB
Frequency Stability	±0.16 dB
Temperature	±0.08 °C
Humidity	±1.5%

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	25°C	53%	AC 120V/60Hz	Aries Tang
Radiated Emissions-9kHz to 30MHz	25°C	60%	AC 120V/60Hz	Sparrow Liu
Radiated Emissions-30MHz to 1000MHz	21°C	42%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-Above 1000 MHz	24°C	60%	AC 120V/60Hz	Hayden Chen
Bandwidth	26°C	48%	AC 120V/60Hz	Longdage Feng
Maximum Output Power	23°C	54%	AC 120V/60Hz	Ansel Yang
Power Spectral Density	26°C	48%	AC 120V/60Hz	Longdage Feng
Frequency Stability	Normal & Extreme	48%	Normal & Extreme	Longdage Feng

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AX3000 Wi-Fi 6 Range Extender
Brand Name	tp-link
Test Model	RE715X
Series Model	N/A
Model Difference(s)	N/A
Power Source	AC Mains.
Power Rating	100-240V~ 50/60Hz 0.4A
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 300 Mbps IEEE 802.11ac: up to 1733.4 Mbps IEEE 802.11ax: up to 2402 Mbps
Maximum Output Power _UNII-1 Non Beamforming	IEEE 802.11ac(VHT40): 26.30 dBm (0.4266 W)
Maximum Output Power _UNII-2A Non Beamforming	IEEE 802.11ax(HE80): 23.10 dBm (0.2042 W)
Maximum Output Power _UNII-2C Non Beamforming	IEEE 802.11ax(HE80): 23.68 dBm (0.2333 W)
Maximum Output Power _UNII-3 Non Beamforming	IEEE 802.11ac(VHT40): 27.33 dBm (0.5408 W)
Maximum Output Power _UNII-1 Beamforming	IEEE 802.11ac(VHT40): 25.61 dBm (0.3639 W)
Maximum Output Power _UNII-2A Beamforming	IEEE 802.11ax(HE80): 22.58 dBm (0.1811 W)
Maximum Output Power _UNII-2C Beamforming	IEEE 802.11ac(VHT80): 22.94 dBm (0.1968 W)
Maximum Output Power _UNII-3 Beamforming	IEEE 802.11ac(VHT40): 26.80 dBm (0.4786 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	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

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	tp-link	3101504289	Omni-Directional	IPEX	2
2	tp-link	3101504289	Omni-Directional	IPEX	2

Note:

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

4. Table for Antenna Configuration:

For Non Beamforming:

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

For Beamforming:

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

2.2 TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 144/149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 144/149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 142/151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 138/155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 144/149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 142/151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 138/155 (UNII-3)
Mode 33	TX AC(VHT40) Mode Channel 151 (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 33	TX AC(VHT40) Mode Channel 151 (UNII-3)

Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 33	TX AC(VHT40) Mode Channel 151 (UNII-3)

Radiated Emissions Test - Above 1GHz_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)

Radiated Emissions Test - Above 1GHz_Non Beamforming	
Final Test Mode	Description
Mode 26	TX A Mode Channel 144/149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 144/149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 142/151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 138/155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 144/149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 142/151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 138/155 (UNII-3)

Maximum Ouput Power test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)

Maximum Ouput Power test_Non Beamforming	
Final Test Mode	Description
Mode 26	TX A Mode Channel 144/149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 144/149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 142/151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 138/155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 144/149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 142/151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 138/155 (UNII-3)

Maximum Ouput Power test_Beamforming	
Final Test Mode	Description
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 27	TX AC(VHT20) Mode Channel 144/149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 142/151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 138/155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 144/149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 142/151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 138/155 (UNII-3)

Other Conducted test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 144/149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 144/149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 142/151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 138/155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 144/149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 142/151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 138/155 (UNII-3)

Note:
(1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX AC(VHT40) Mode Channel 151 (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) VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
(5) The measurements for Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. The worst case is Non Beamforming and only the worst case is documented for other test items.
(6) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.

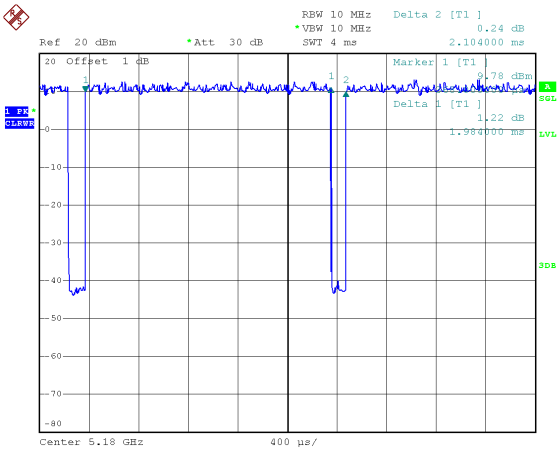
2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	QSPR

2.4 DUTY CYCLE

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

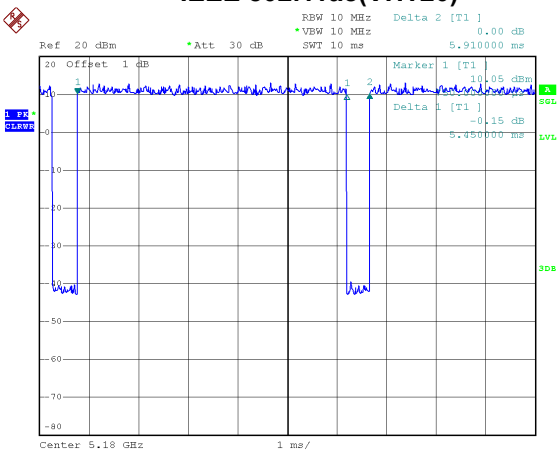
IEEE 802.11a



Date: 1.NOV.2021 08:31:11

Duty cycle = 1.984 ms / 2.104 ms = 94.30%
Duty Factor = 10 log(1 / Duty cycle) = 0.26

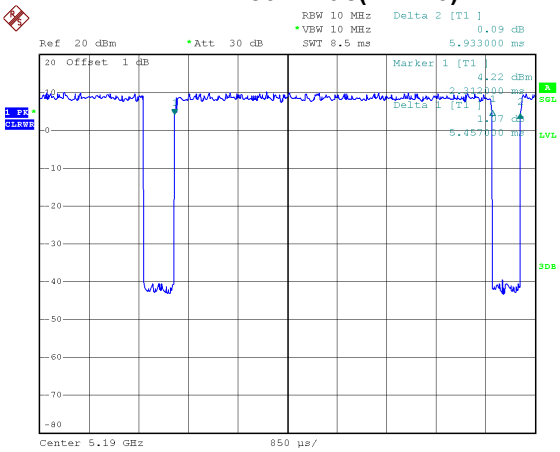
IEEE 802.11ac(VHT20)



Date: 1.NOV.2021 08:33:04

Duty cycle = 5.450 ms / 5.910 ms = 92.22%
Duty Factor = 10 log(1 / Duty cycle) = 0.35

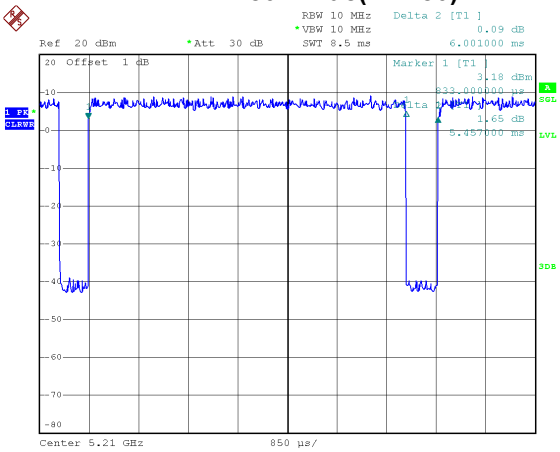
IEEE 802.11ac(VHT40)



Date: 1.NOV.2021 08:33:50

Duty cycle = 5.457 ms / 5.933 ms = 91.98%
Duty Factor = 10 log(1 / Duty cycle) = 0.36

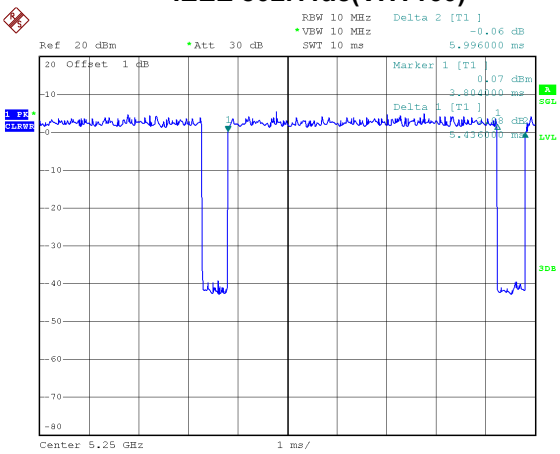
IEEE 802.11ac(VHT80)



Date: 1.NOV.2021 08:34:30

Duty cycle = 5.457 ms / 6.001 ms = 90.93%
Duty Factor = 10 log(1 / Duty cycle) = 0.41

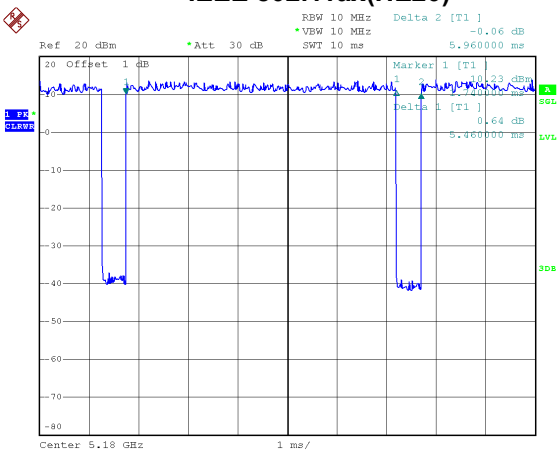
IEEE 802.11ac(VHT160)



Date: 1.NOV.2021 08:36:05

Duty cycle = 5.436 ms / 5.996 ms = 90.66%
Duty Factor = 10 log(1 / Duty cycle) = 0.43

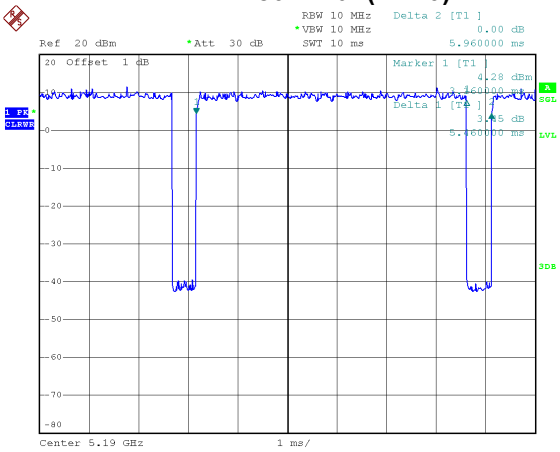
IEEE 802.11ax(HE20)



Date: 1.NOV.2021 08:36:41

Duty cycle = 5.460 ms / 5.960 ms = 91.61%
Duty Factor = 10 log(1 / Duty cycle) = 0.38

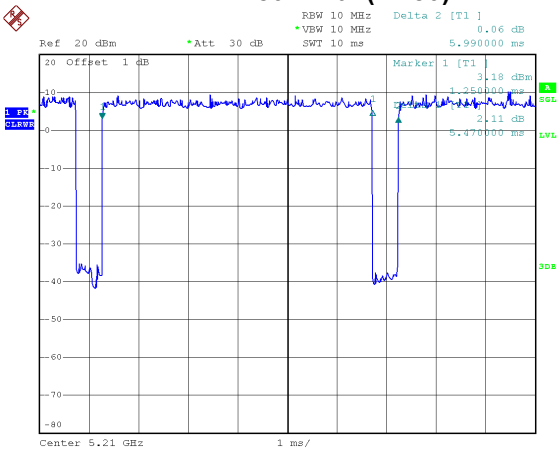
IEEE 802.11ax(HE40)



Date: 1.NOV.2021 08:37:12

Duty cycle = 5.460 ms / 5.960 ms = 91.61%
Duty Factor = 10 log(1 / Duty cycle) = 0.38

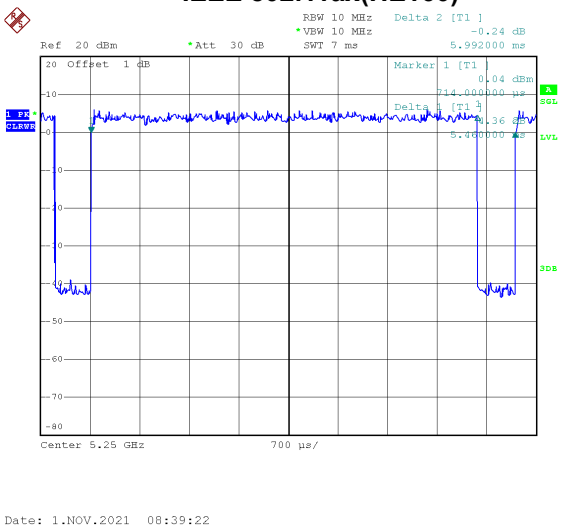
IEEE 802.11ax(HE80)



Date: 1.NOV.2021 08:38:21

Duty cycle = 5.470 ms / 5.990 ms = 91.32%
Duty Factor = 10 log(1 / Duty cycle) = 0.39

IEEE 802.11ax(HE160)



Duty cycle = 5.460 ms / 5.992 ms = 91.12%
Duty Factor = 10 log(1 / Duty cycle) = 0.40

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 504 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 1 kHz (Duty cycle < 98%).

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

For IEEE 802.11ac(VHT20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 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 183 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 183 Hz (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 184 Hz (Duty cycle < 98%).

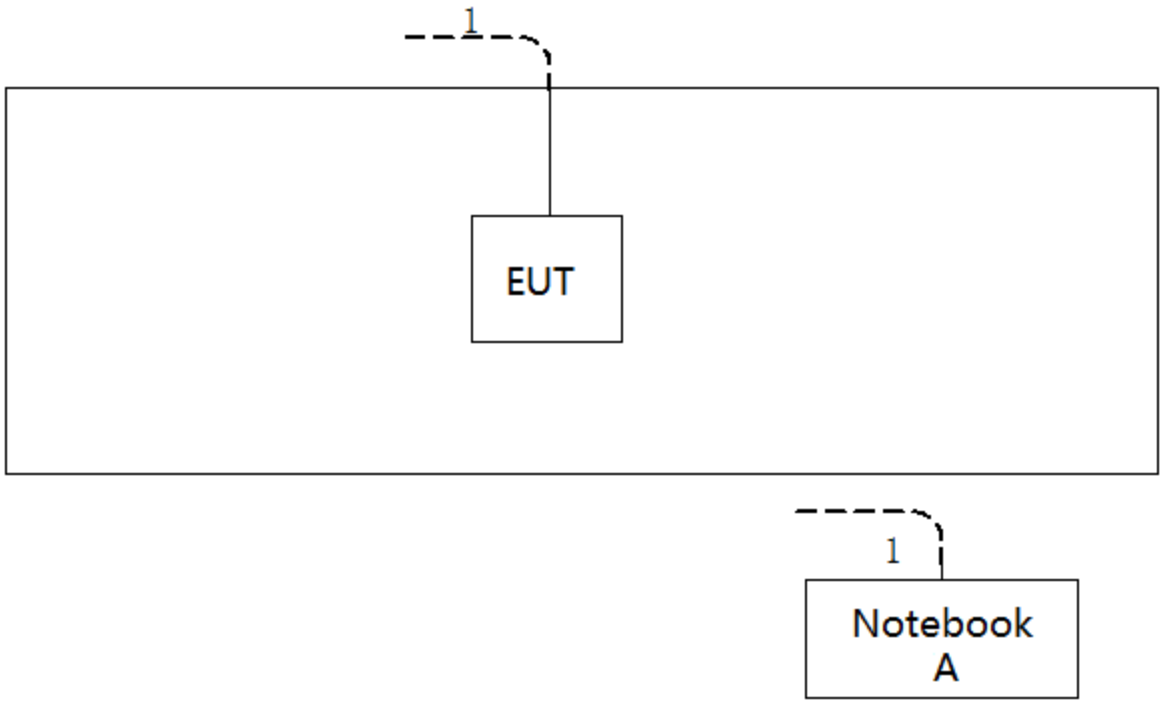
For IEEE 802.11ax(HE20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz (Duty cycle < 98%).

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 183 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 183 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 183 Hz (Duty cycle < 98%).

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Dell	Inspiron 15-7559	N/A

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

3. AC POWER LINE CONDUCTED EMISSIONS

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:
(1) The tighter limit applies at the band edges.
(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

3.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

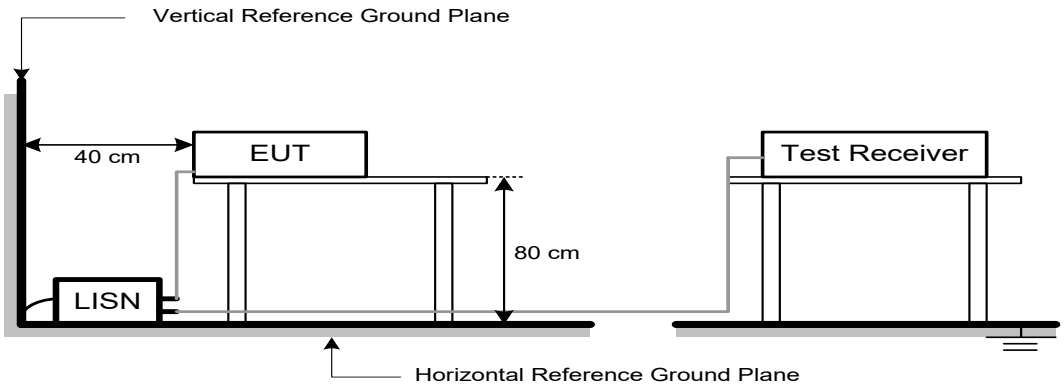
The following table is the setting of the receiver:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation

3.4 TEST SETUP



3.5 EUT OPERATION CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX mode.

3.6 TEST RESULTS

Please refer to the APPENDIX A.

4. RADIATED EMISSIONS

4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS (Above 1000 MHz)

Frequency (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.2
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.

4.2 TEST PROCEDURE

a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1 GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1 GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

The following table is the setting of the receiver:

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

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

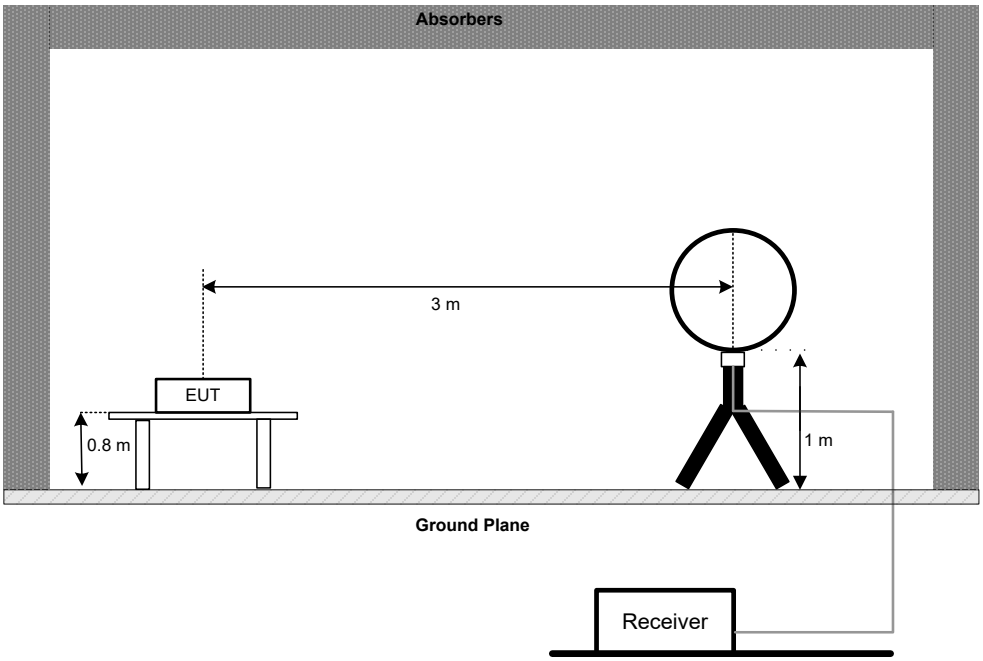
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

4.3 DEVIATION FROM TEST STANDARD

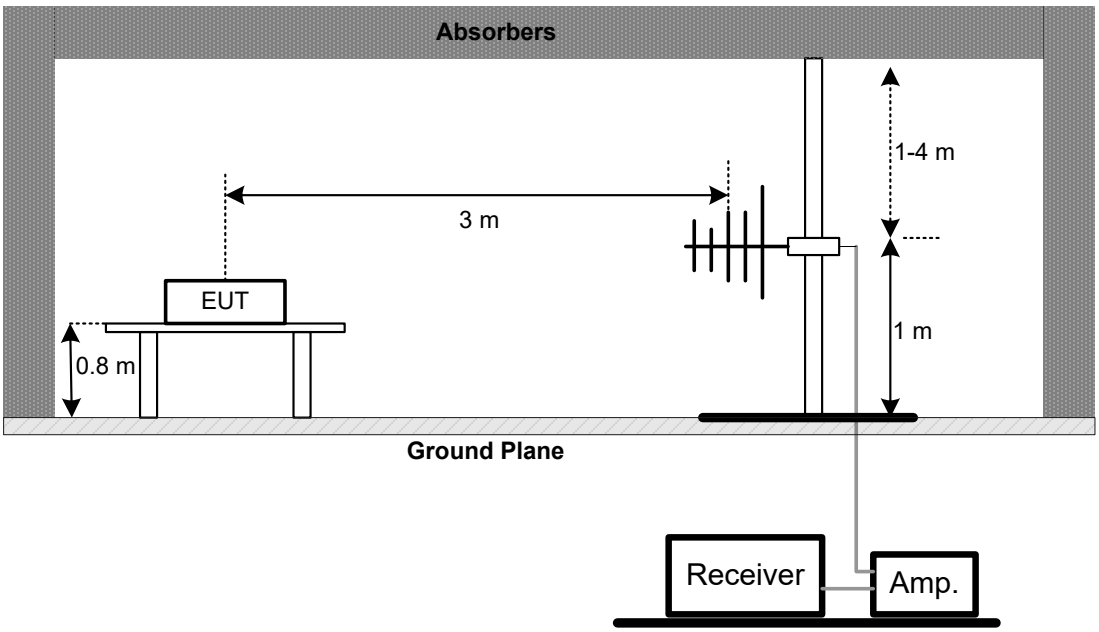
No deviation.

4.4 TEST SETUP

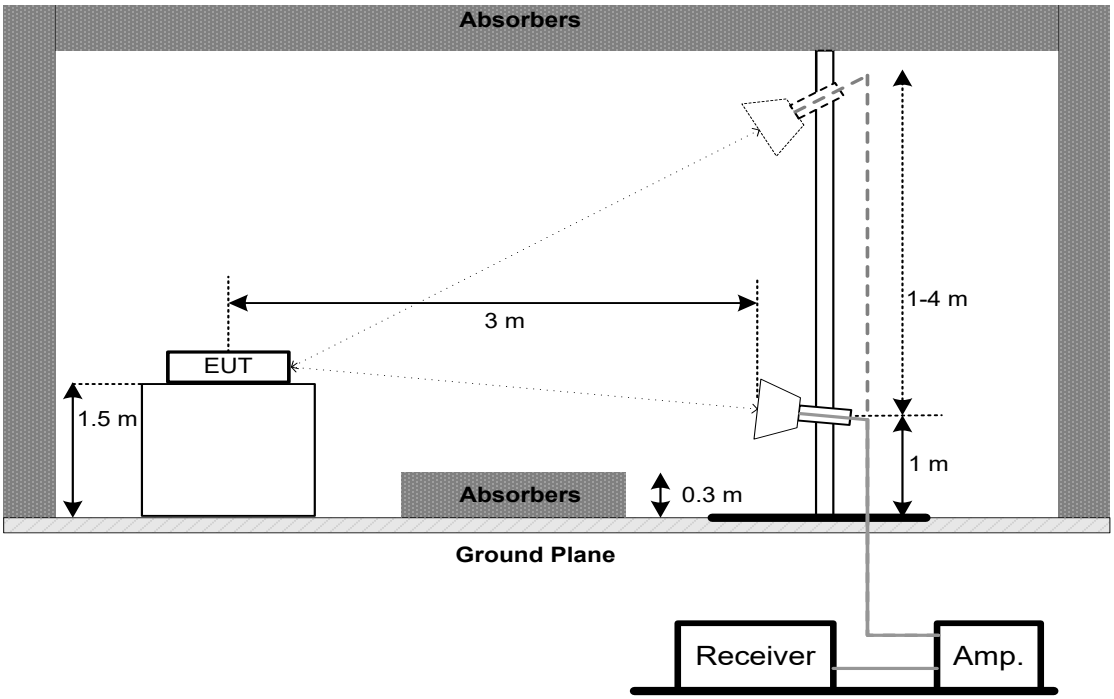
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATION CONDITIONS

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

4.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

(1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
(2) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

4.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. BANDWIDTH

5.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a) 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

5.2 TEST PROCEDURE

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

b. Spectrum Setting:

For UNII-1, 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:

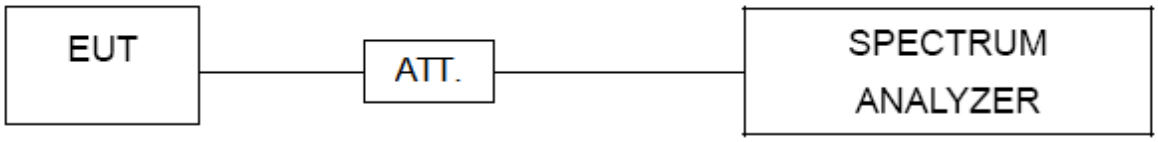
Spectrum Parameter	Setting
Span Frequency	> 6 dB Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.

6. MAXIMUM OUTPUT POWER

6.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Maximum Output Power	AP device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		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.

6.2 TEST PROCEDURE

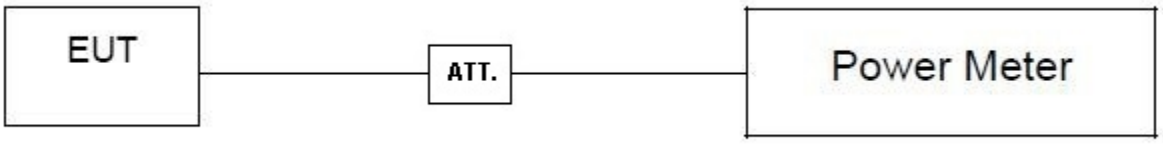
a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.

b. Test test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.

7. POWER SPECTRAL DENSITY

7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Power Spectral Density	AP device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

7.2 TEST PROCEDURE

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

b. Spectrum Setting:

For UNII-1, 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 13 dB, and the final offset is 13 + 7 = 20 dB when RBW=100kHz is used.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP

7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.

8. FREQUENCY STABILITY

8.1 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

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:

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

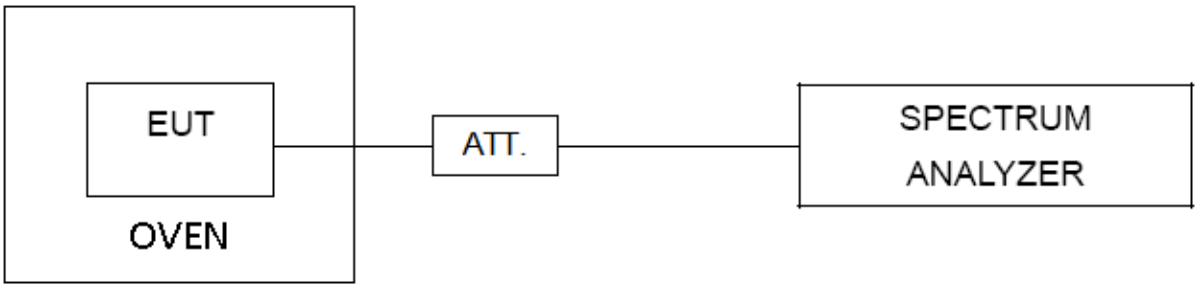
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~40°C.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.

9. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Feb. 28, 2022
2	LISN	EMCO	3816/2	52765	Feb. 27, 2022
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 27, 2022
4	50Ω Terminator	SHX	TF5-3	15041305	Feb. 27, 2022
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 09, 2022
7	643 Shield Room	ETS	6*4*3m	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EM	EM-6876-1	230	Apr. 28, 2022
2	Cable	N/A	RG 213/U	N/A	May 27, 2022
3	MXE EMI Receiver	Keysight	N9038A	MY56400091	Feb. 27, 2022
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chambe Room	RM	9*6*6m	N/A	Jul. 24, 2022

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 15, 2022
2	Amplifier	HP	8447D	2944A08742	Feb. 28, 2022
3	Receiver	Agilent	N9038A	MY52130039	Mar. 19, 2022
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 20, 2022
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chambe Room	RM	9*6*6m	N/A	Jul. 24, 2022

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Horn Antenna	ARA	DRG-118A	16554	Apr. 21, 2022
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2022
3	Amplifier	Agilent	8449B	3008A02584	Jul. 10, 2022
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 28, 2022
5	Receiver	Agilent	N9038A	MY52130039	Mar. 19, 2022
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	N/A	EMC104-SM-SM-6 000	N/A	Oct. 15, 2022
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Band Reject Filter	Micro-Tronics	BRC50705-01	10	Feb. 27, 2022
11	Band Reject Filter	Micro-Tronics	BRC50704-01	8	Feb. 27, 2022
12	Band Reject Filter	Micro-Tronics	BRC50703-01	7	Feb. 27, 2022
13	966 Chambe Room	RM	9*6*6m	N/A	Jul. 24, 2022

Bandwidth & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 10, 2022
2	EXA Spectrum Analyzer	Agilent	N9010A	MY50520044	Feb. 28, 2022
3	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
4	RF Cable	Tongkaichuan	N/A	N/A	N/A
5	DC Block	Mini	N/A	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	Jul. 10, 2022
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 10, 2022
3	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

Frequency Stability					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 10, 2022
2	Precision Oven Tester	CEPREI	CEEC-M64T-40	15-008	Feb. 27, 2022
3	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
4	RF Cable	Tongkaichuan	N/A	N/A	N/A
5	DC Block	Mini	N/A	N/A	N/A

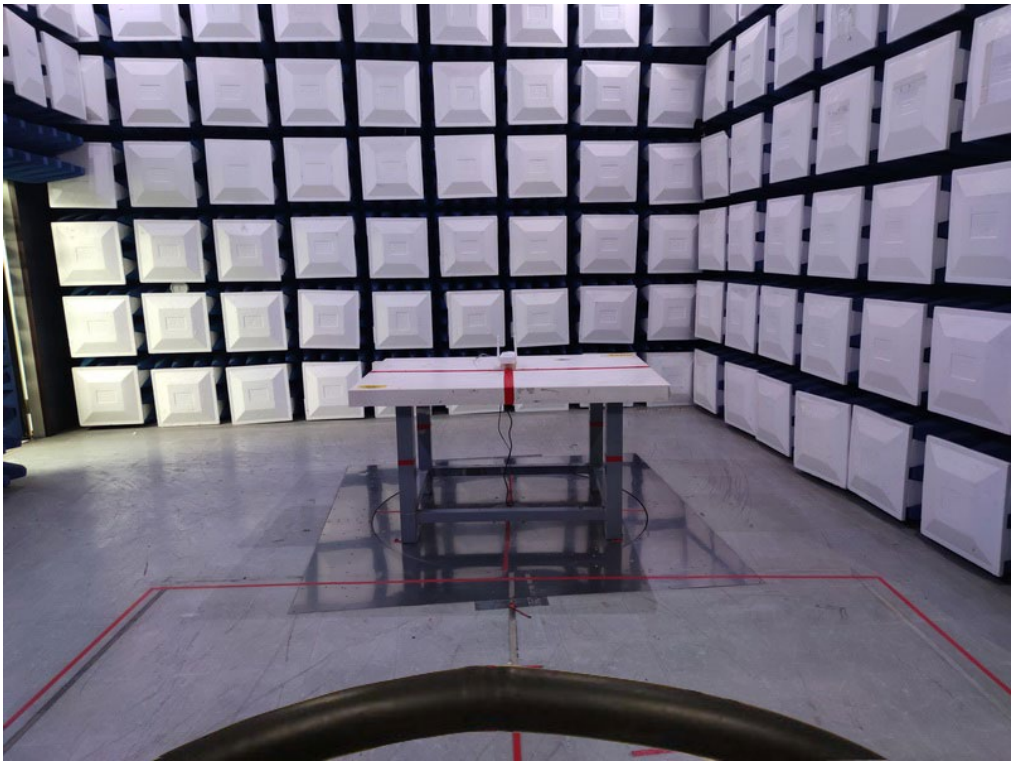
Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

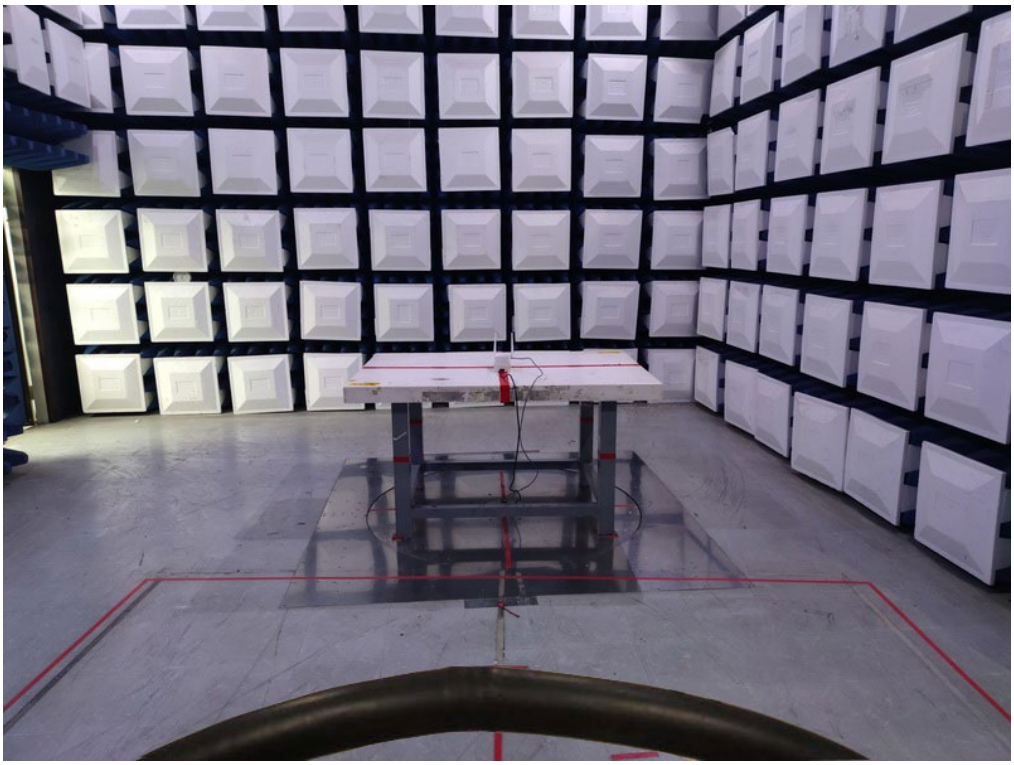
10. EUT TEST PHOTOS

AC Power Line Conducted Emissions Test Photos

Radiated Emissions Test Photos

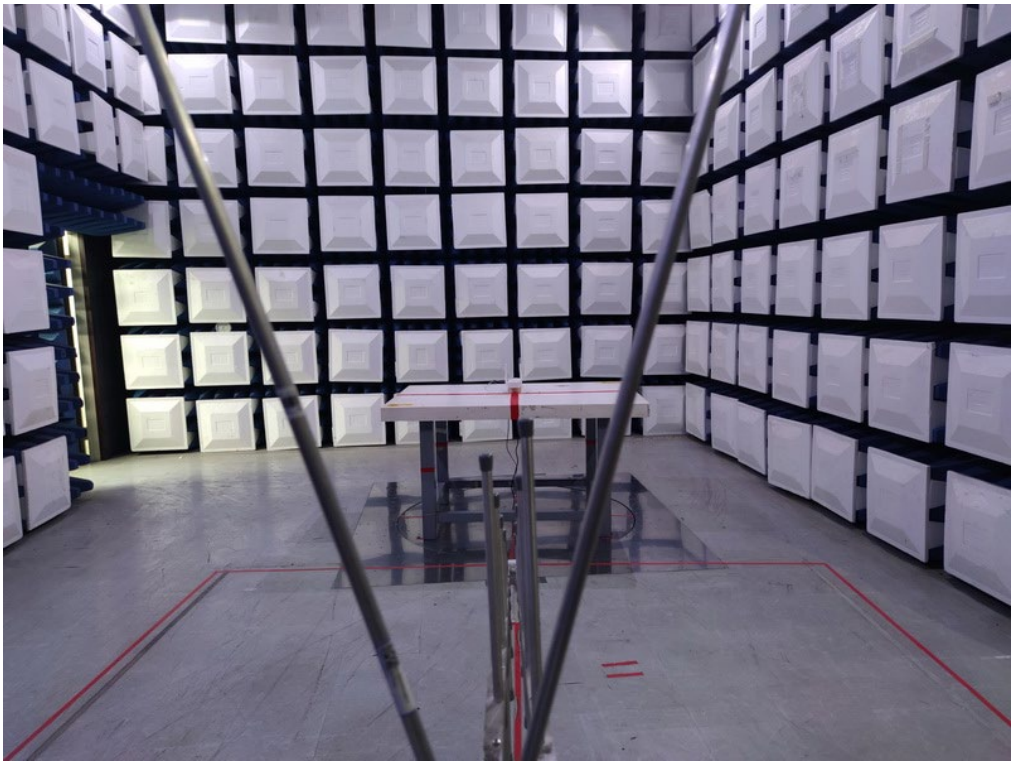
9 kHz to 30 MHz

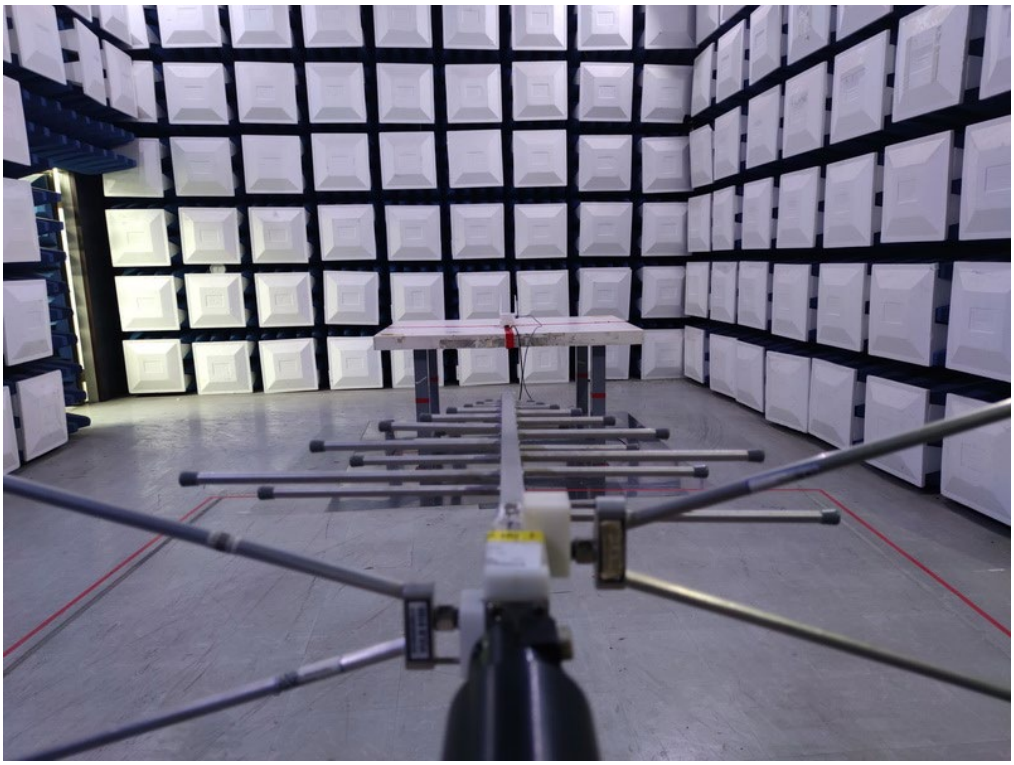




Radiated Emissions Test Photos

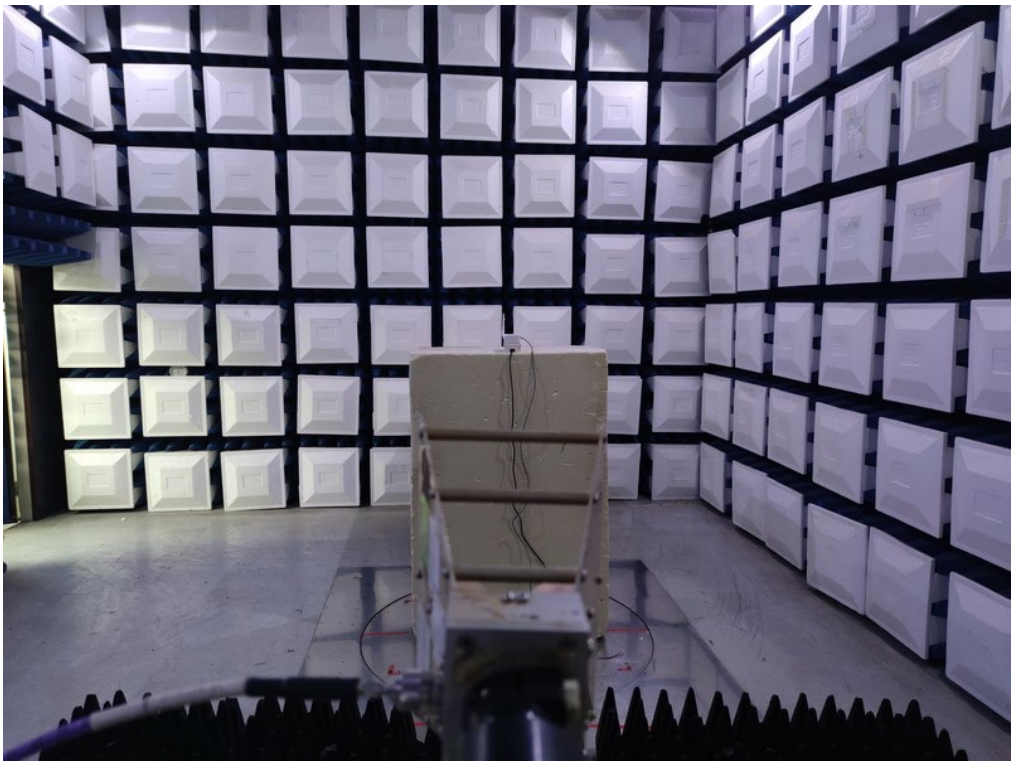
30 MHz to 1 GHz



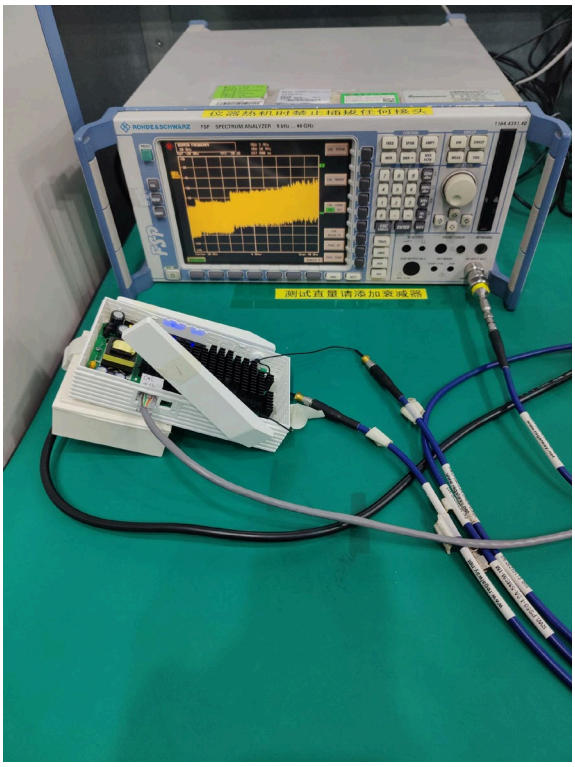


Radiated Emissions Test Photos

Above 1 GHz

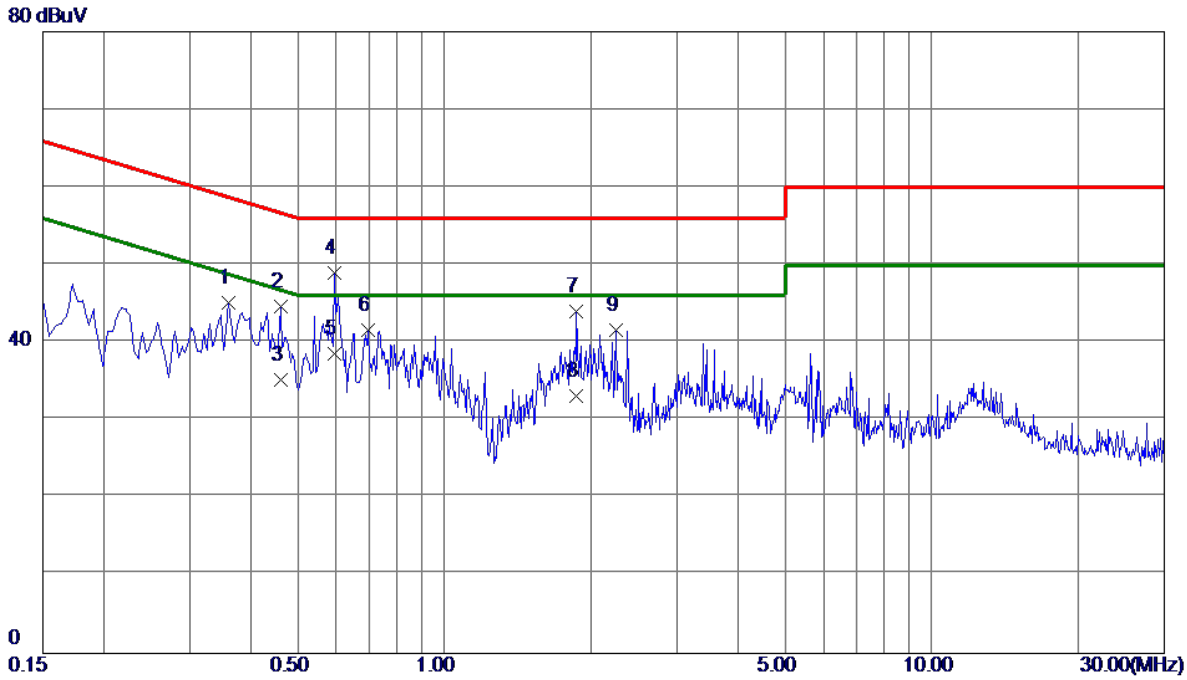


Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

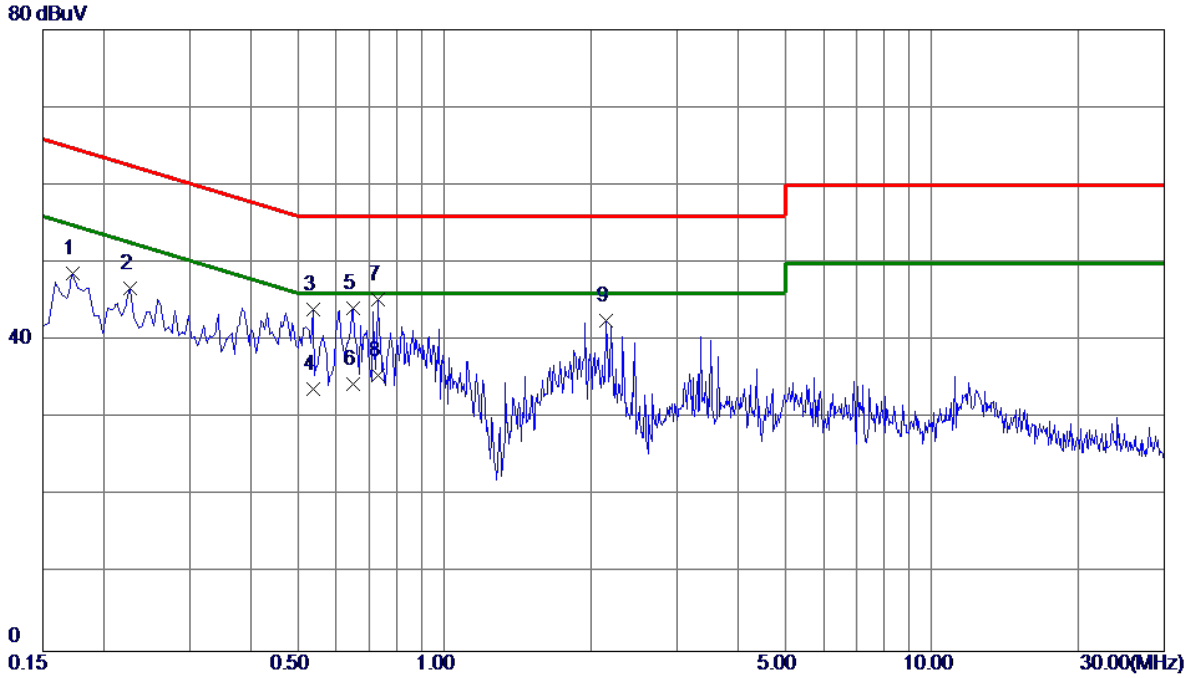
Test Mode	TX AC(VHT40) Mode Channel 151 (UNII-3)	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.3615	35.15	9.90	45.05	58.69	-13.64	Peak	
2	0.4605	34.72	9.92	44.64	56.68	-12.04	Peak	
3	0.4605	25.30	9.92	35.22	46.68	-11.46	AVG	
4 *	0.5955	39.09	9.94	49.03	56.00	-6.97	Peak	
5	0.5955	28.60	9.94	38.54	46.00	-7.46	AVG	
6	0.6990	31.74	9.85	41.59	56.00	-14.41	Peak	
7	1.8690	33.99	10.04	44.03	56.00	-11.97	Peak	
8	1.8690	23.10	10.04	33.14	46.00	-12.86	AVG	
9	2.2515	31.48	10.07	41.55	56.00	-14.45	Peak	

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

Test Mode	TX AC(VHT40) Mode Channel 151 (UNII-3)	Phase	Neutral

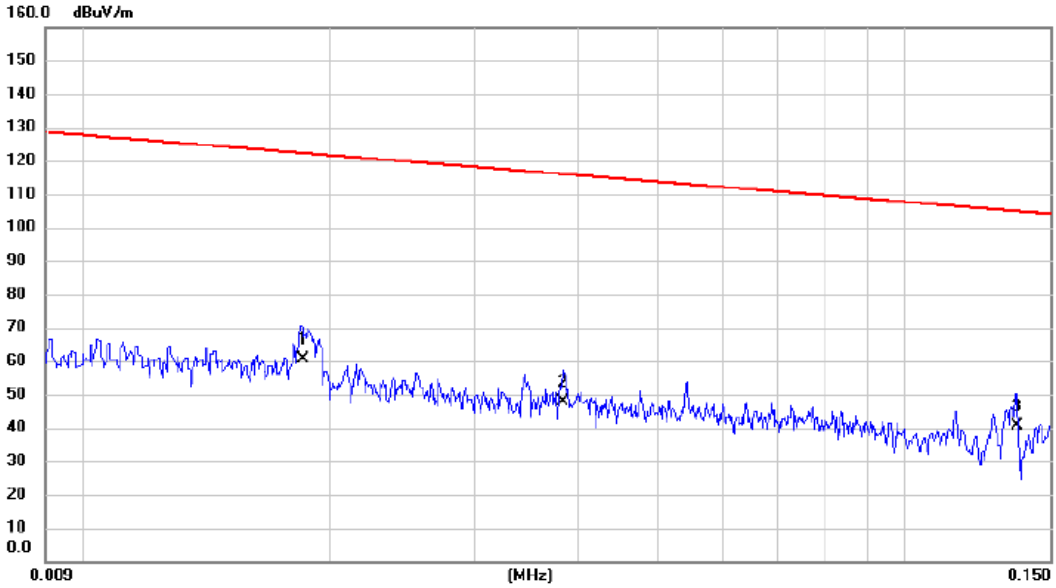


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1725	38.75	9.91	48.66	64.84	-16.18	Peak	
2	0.2265	36.72	9.99	46.71	62.58	-15.87	Peak	
3	0.5370	33.80	10.14	43.94	56.00	-12.06	Peak	
4	0.5370	23.69	10.14	33.83	46.00	-12.17	AVG	
5	0.6495	34.02	10.13	44.15	56.00	-11.85	Peak	
6	0.6495	24.30	10.13	34.43	46.00	-11.57	AVG	
7	0.7304	35.10	10.13	45.23	56.00	-10.77	Peak	
8 *	0.7304	25.40	10.13	35.53	46.00	-10.47	AVG	
9	2.1525	32.22	10.39	42.61	56.00	-13.39	Peak	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

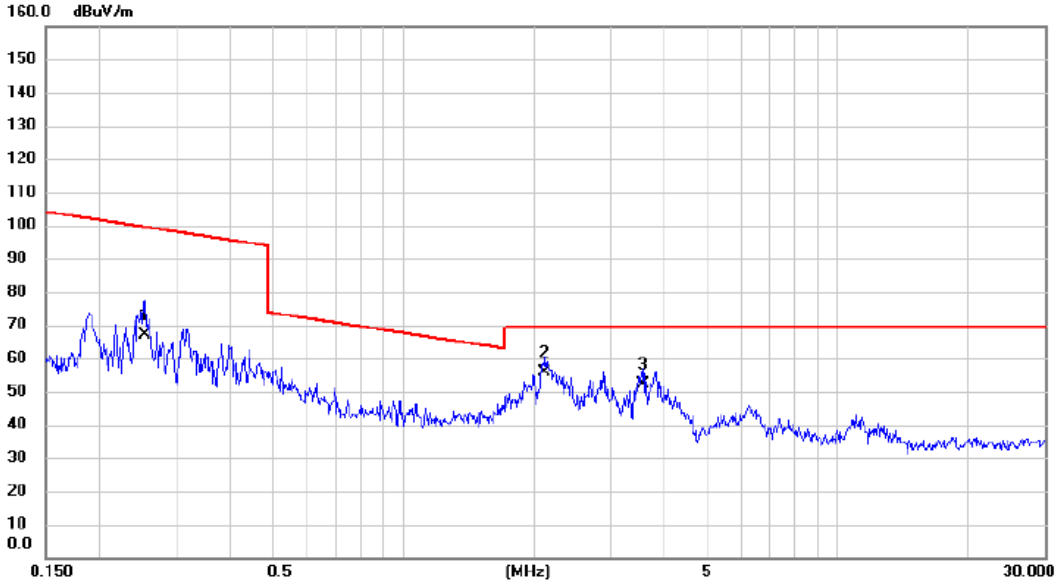
Test Mode	TX AC(VHT40) Mode Channel 151 (UNII-3)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0185	45.65	14.88	60.53	122.26	-61.73	AVG			
2		0.0383	33.69	13.99	47.68	115.94	-68.26	AVG			
3		0.1367	26.87	13.77	40.64	104.89	-64.25	AVG			

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

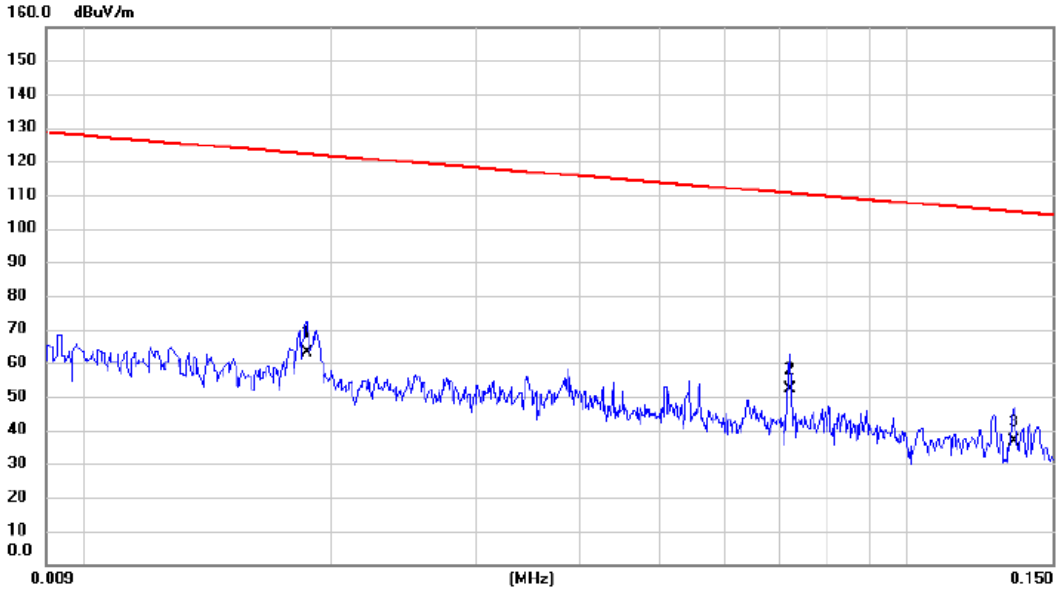
Test Mode	TX AC(VHT40) Mode Channel 151 (UNII-3)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.2535	53.29	13.73	67.02	99.53	-32.51	AVG			
2	*	2.1213	43.58	12.20	55.78	69.54	-13.76	QP			
3		3.5654	40.27	12.00	52.27	69.54	-17.27	QP			

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

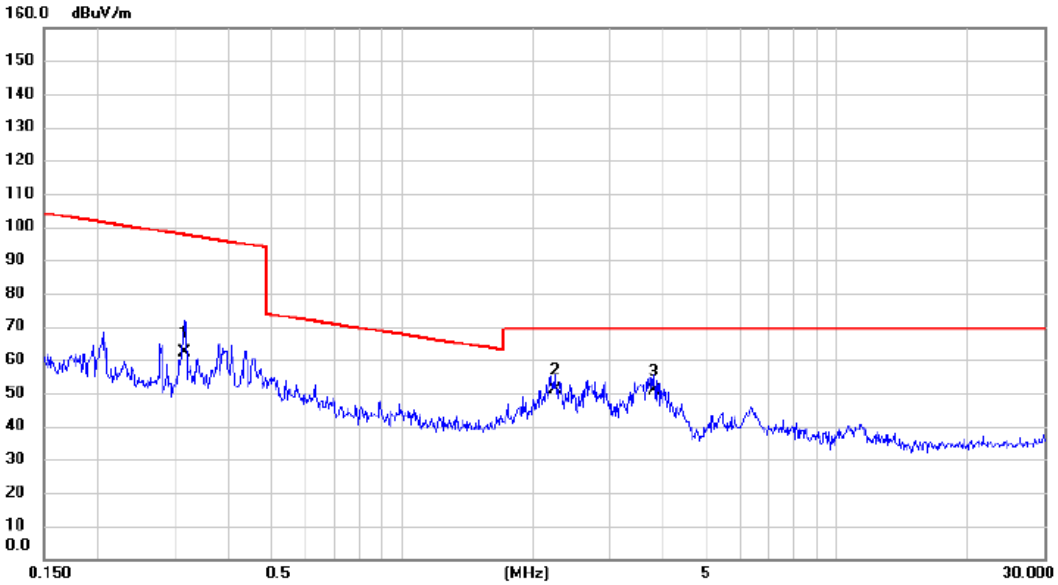
Test Mode	TX AC(VHT40) Mode Channel 151 (UNII-3)	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.0187	48.23	14.82	63.05	122.17	-59.12	AVG			
2	*	0.0720	38.46	13.73	52.19	110.46	-58.27	AVG			
3		0.1348	22.91	13.78	36.69	105.01	-68.32	AVG			

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

Test Mode	TX AC(VHT40) Mode Channel 151 (UNII-3)	Polarization	Ant 90°

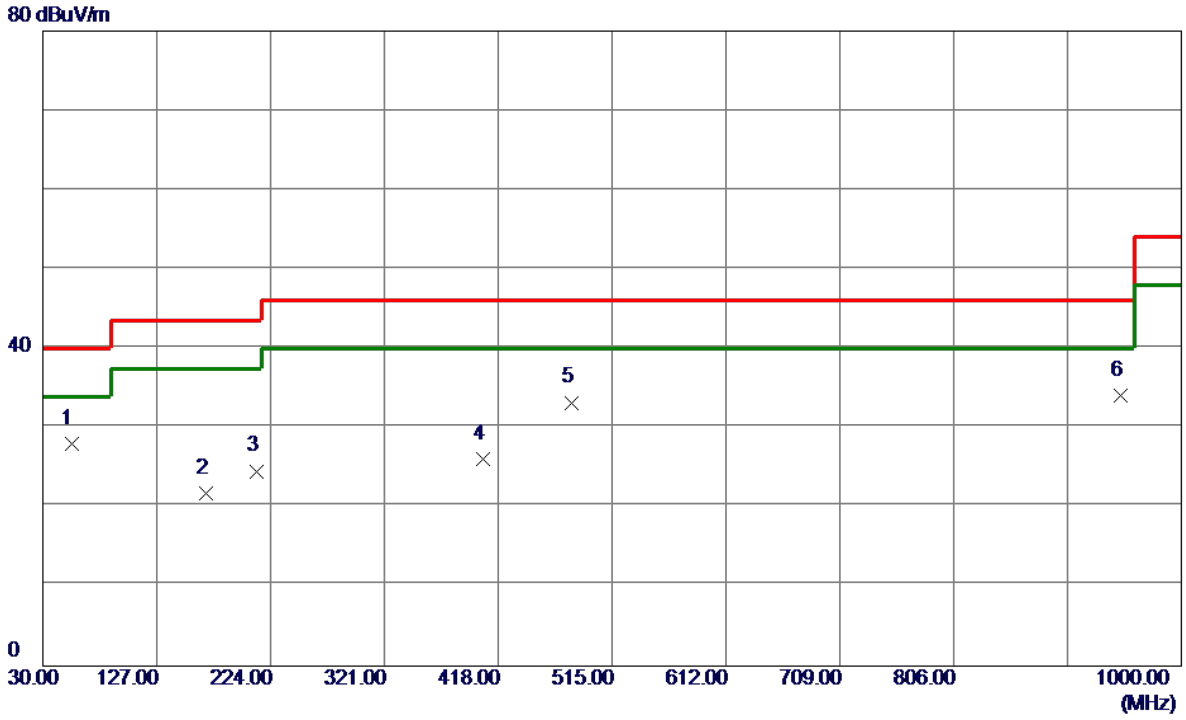


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.3166	48.56	13.69	62.25	97.59	-35.34	AVG			
2	*	2.2486	38.79	12.17	50.96	69.54	-18.58	QP			
3		3.7994	38.51	12.02	50.53	69.54	-19.01	QP			

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

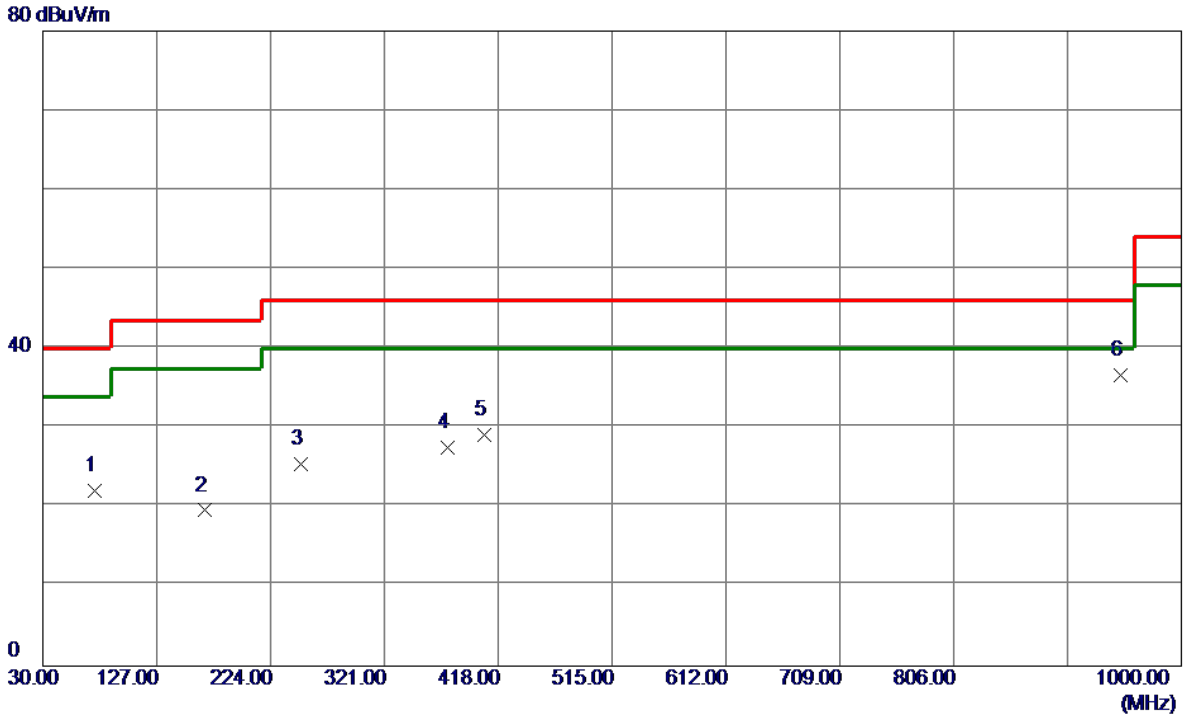
Test Mode	TX AC(VHT40) Mode Channel 151 (UNII-3)	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	54.2500	42.02	-14.09	27.93	40.00	-12.07	Peak	
2	168.7100	34.36	-12.62	21.74	43.50	-21.76	Peak	
3	212.3600	39.77	-15.21	24.56	43.50	-18.94	Peak	
4	405.3900	34.86	-8.81	26.05	46.00	-19.95	Peak	
5	480.0800	40.31	-7.11	33.20	46.00	-12.80	Peak	
6 *	948.5900	32.37	1.66	34.03	46.00	-11.97	Peak	

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

Test Mode	TX AC(VHT40) Mode Channel 151 (UNII-3)	Polarization	Horizontal

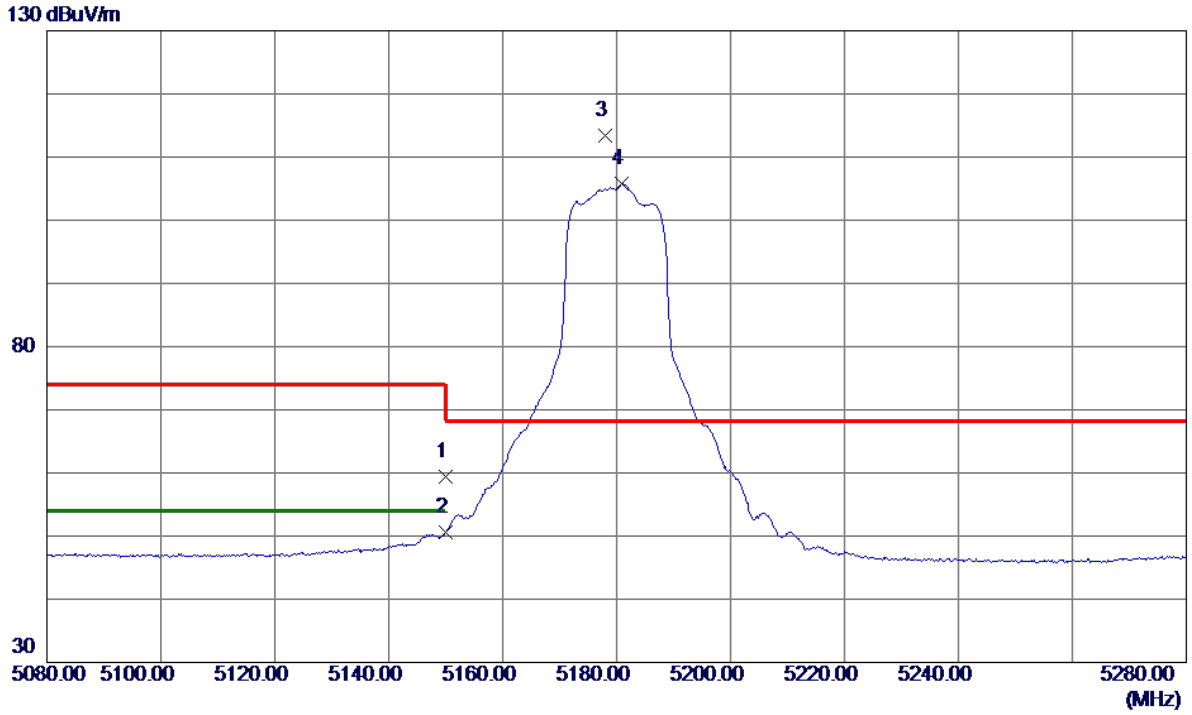


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	74.6200	39.30	-17.25	22.05	40.00	-17.95	Peak	
2	167.7400	32.20	-12.60	19.60	43.50	-23.90	Peak	
3	250.1900	38.47	-13.02	25.45	46.00	-20.55	Peak	
4	375.3200	37.05	-9.52	27.53	46.00	-18.47	Peak	
5	406.3599	37.94	-8.78	29.16	46.00	-16.84	Peak	
6 *	948.5900	34.96	1.66	36.62	46.00	-9.38	Peak	

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

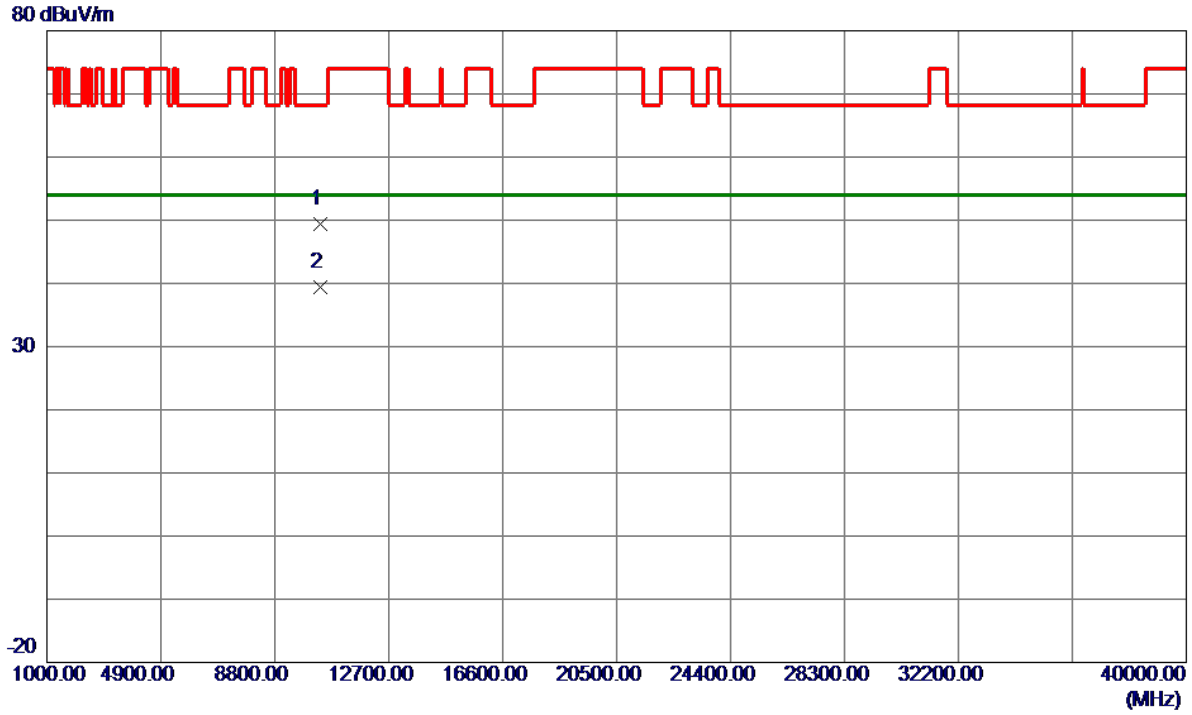
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	41.44	17.90	59.34	74.00	-14.66	Peak	
2	5150.0000	32.73	17.90	50.63	54.00	-3.37	AVG	
3 *	5178.0000	95.33	18.01	113.34	68.20	45.14	Peak	No Limit
4	5180.8000	87.80	18.02	105.82	999.00	-893.18	AVG	No Limit

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

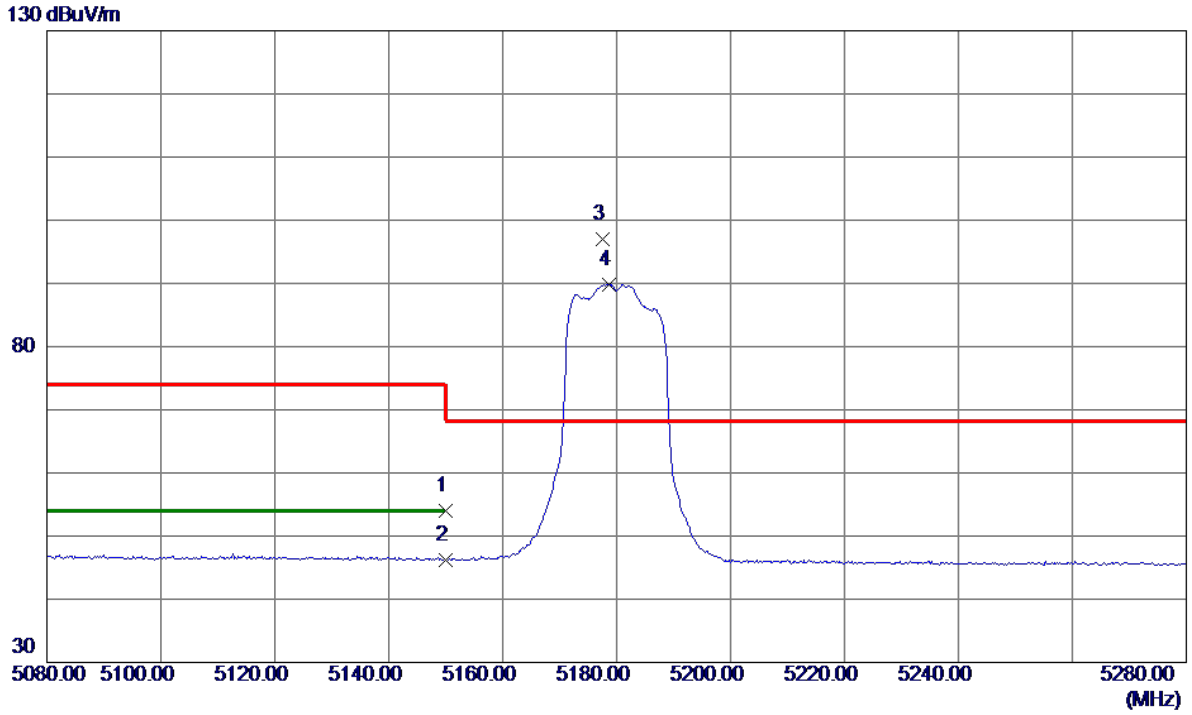
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10354.3000	33.83	15.57	49.40	68.30	-18.90	Peak	
2 *	10360.1000	23.90	15.58	39.48	54.00	-14.52	AVG	

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

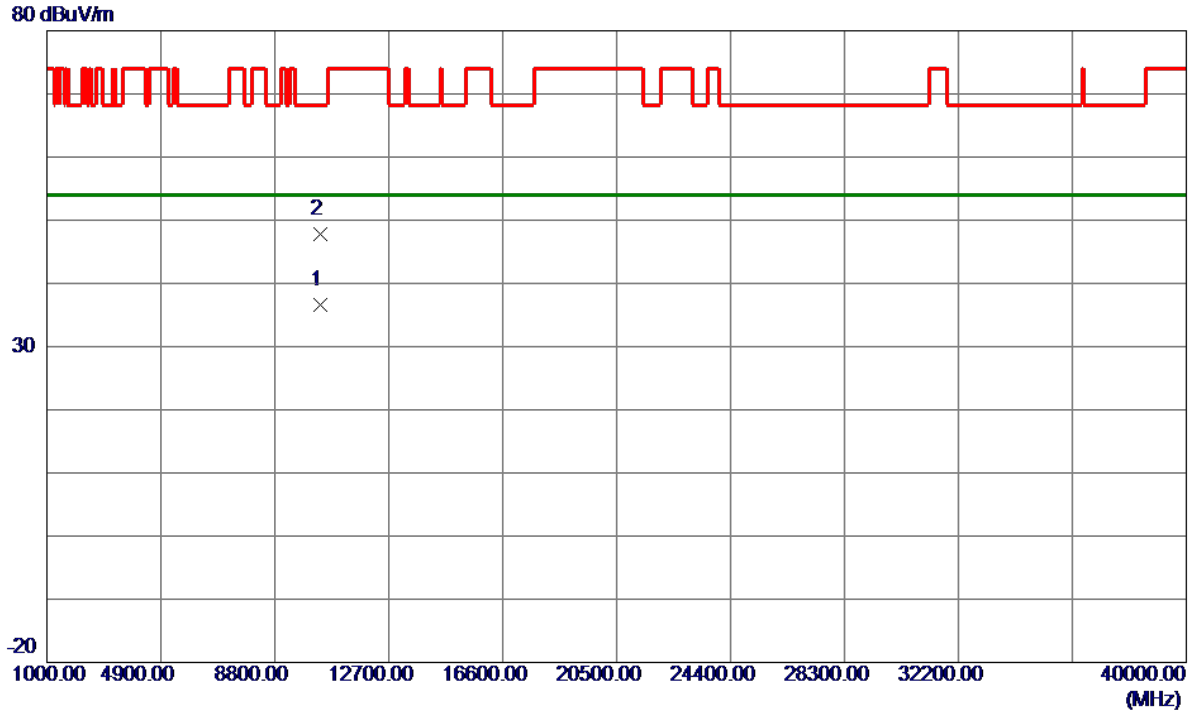
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	36.13	17.90	54.03	74.00	-19.97	Peak	
2	5150.0000	28.37	17.90	46.27	54.00	-7.73	AVG	
3 *	5177.6000	79.03	18.01	97.04	68.20	28.84	Peak	No Limit
4	5178.6000	71.86	18.01	89.87	999.00	-909.13	AVG	No Limit

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

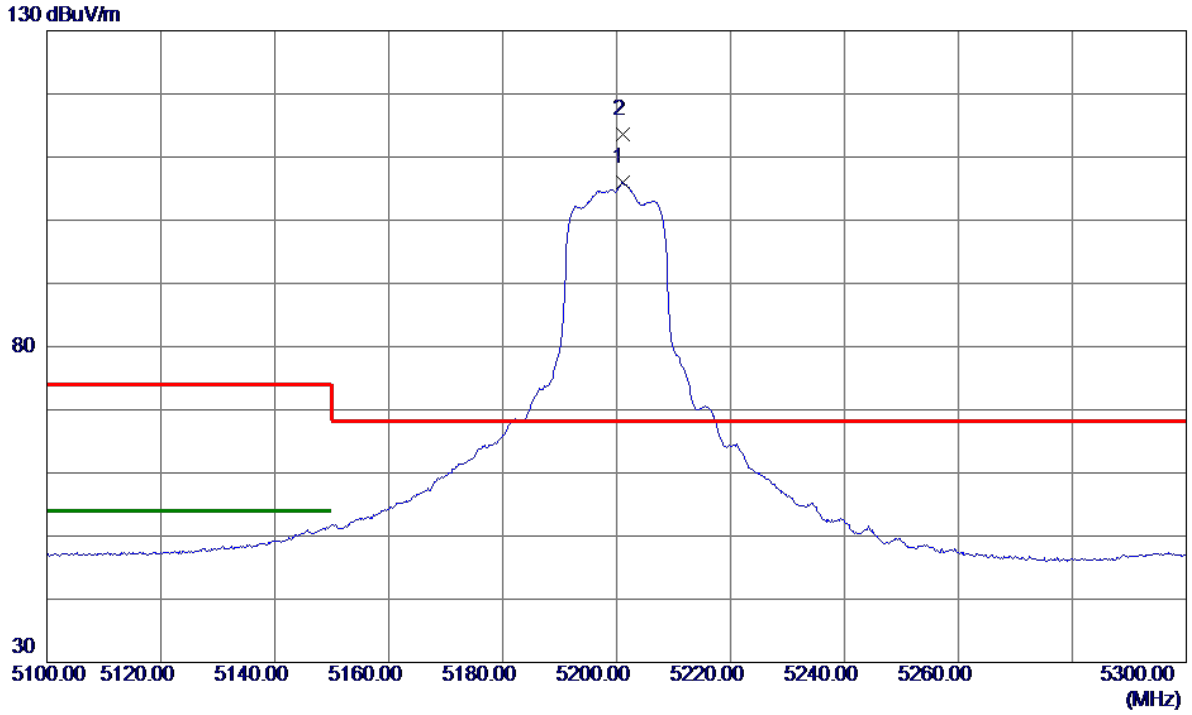
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10352.7200	21.07	15.57	36.64	54.00	-17.36	AVG	
2	10367.8000	32.28	15.59	47.87	68.30	-20.43	Peak	

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

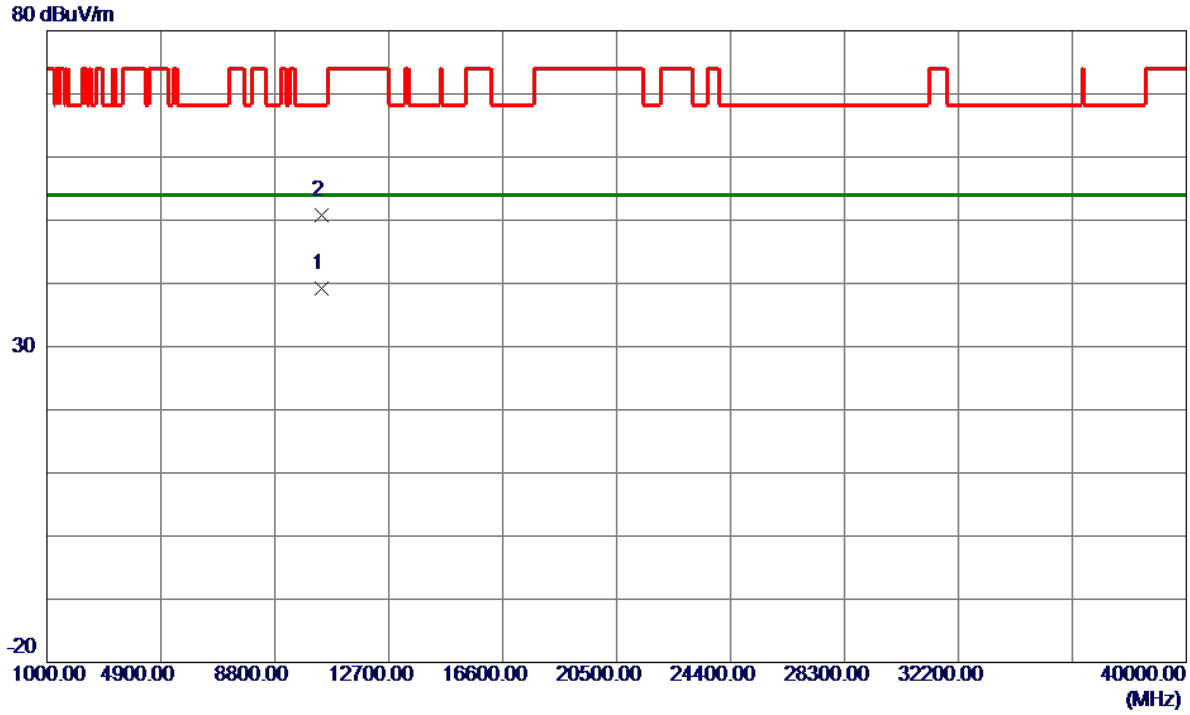
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5201.0000	87.87	18.10	105.97	999.00	-893.03	AVG	No Limit
2 *	5201.2000	95.45	18.10	113.55	68.20	45.35	Peak	No Limit

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

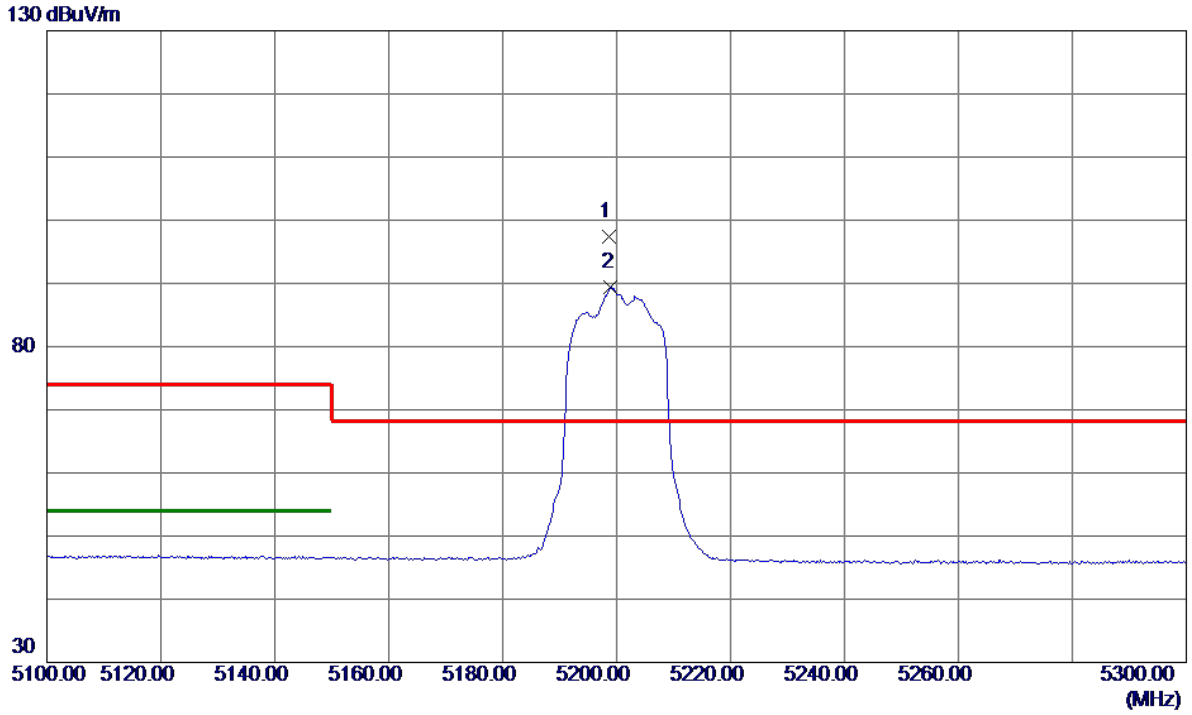
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.7800	23.59	15.64	39.23	54.00	-14.77	AVG	
2	10400.2800	35.10	15.64	50.74	68.30	-17.56	Peak	

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

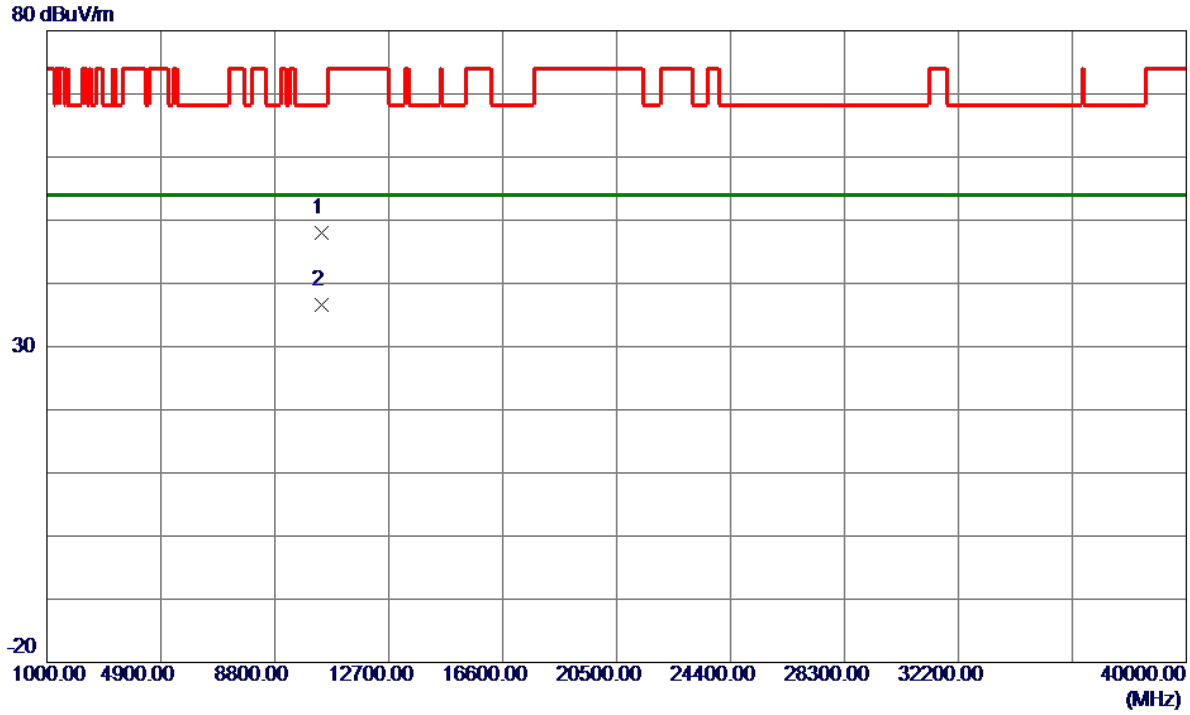
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5198.6000	79.39	18.09	97.48	68.20	29.28	Peak	No Limit
2	5199.0000	71.23	18.09	89.32	999.00	-909.68	AVG	No Limit

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

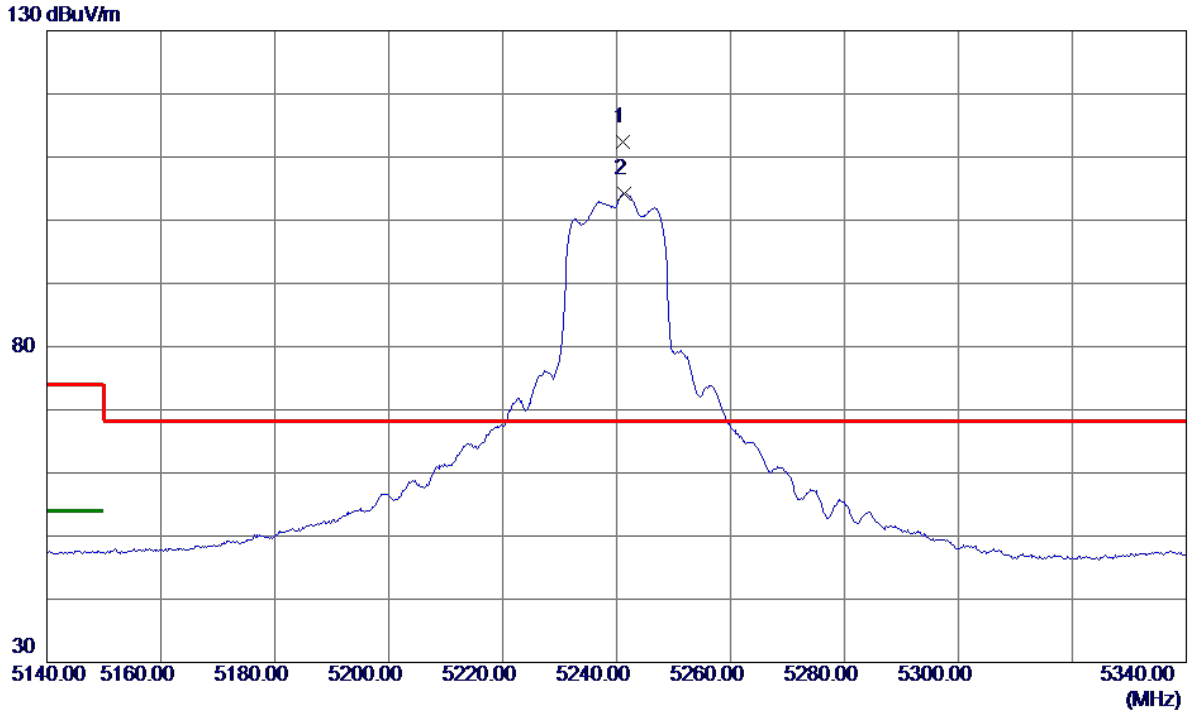
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10393.5400	32.29	15.63	47.92	68.30	-20.38	Peak	
2 *	10393.6600	21.04	15.63	36.67	54.00	-17.33	AVG	

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

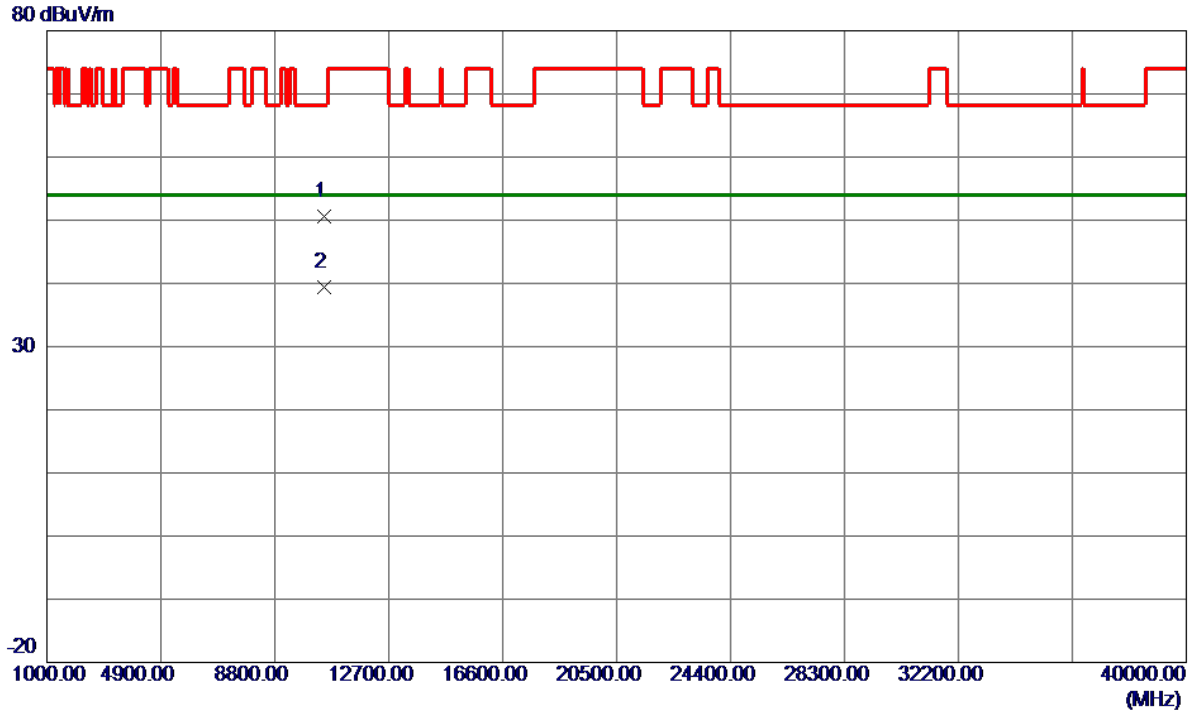
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5241.2000	94.13	18.25	112.38	68.20	44.18	Peak	No Limit
2	5241.4000	85.96	18.26	104.22	999.00	-894.78	AVG	No Limit

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

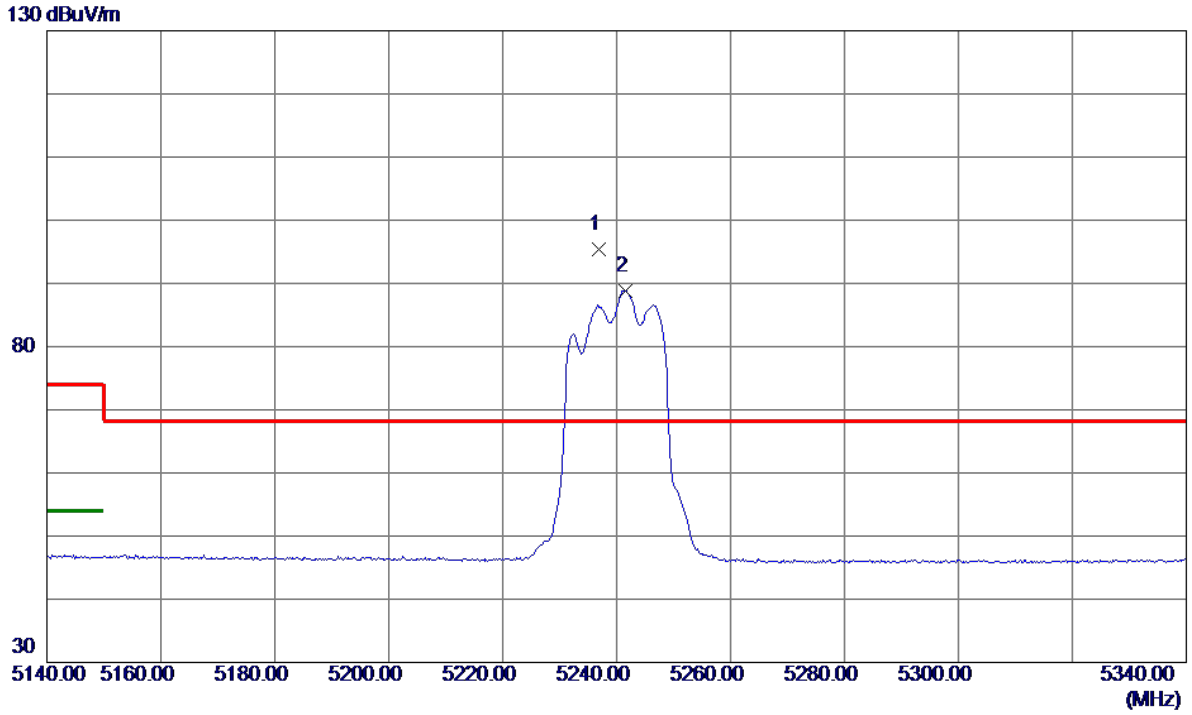
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.9200	34.90	15.74	50.64	68.30	-17.66	Peak	
2 *	10480.1600	23.57	15.74	39.31	54.00	-14.69	AVG	

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

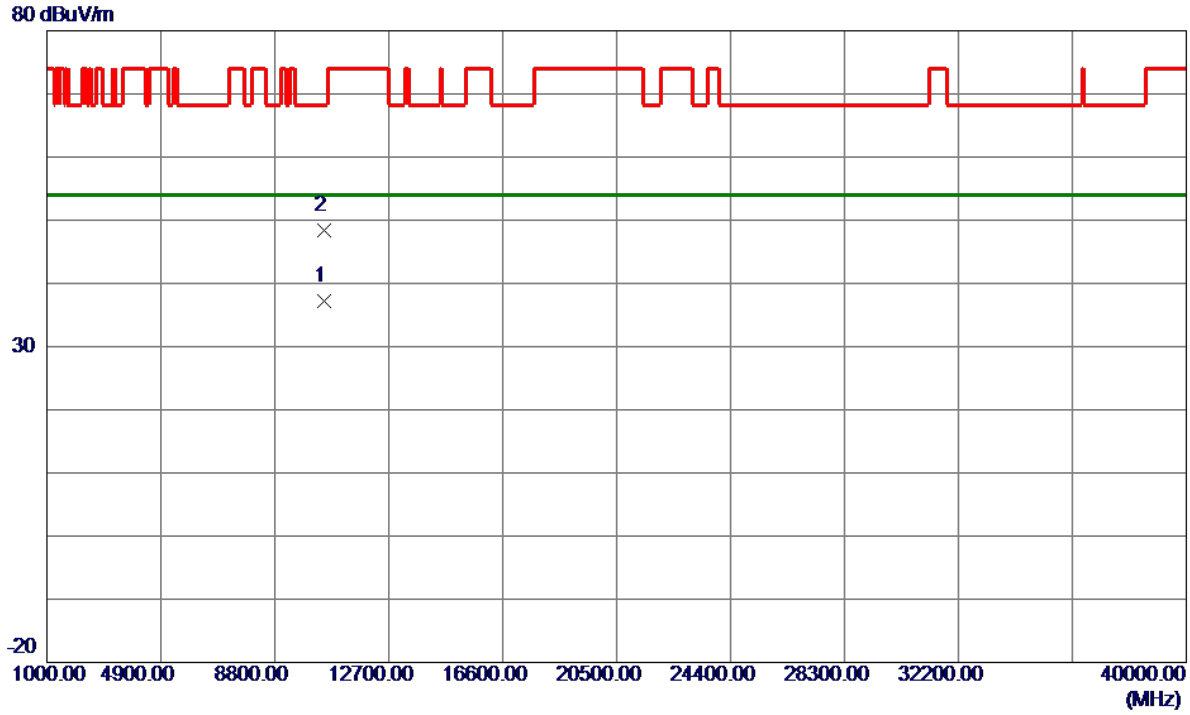
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5236.8000	77.17	18.24	95.41	68.20	27.21	Peak	No Limit
2	5241.6000	70.63	18.26	88.89	999.00	-910.11	AVG	No Limit

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

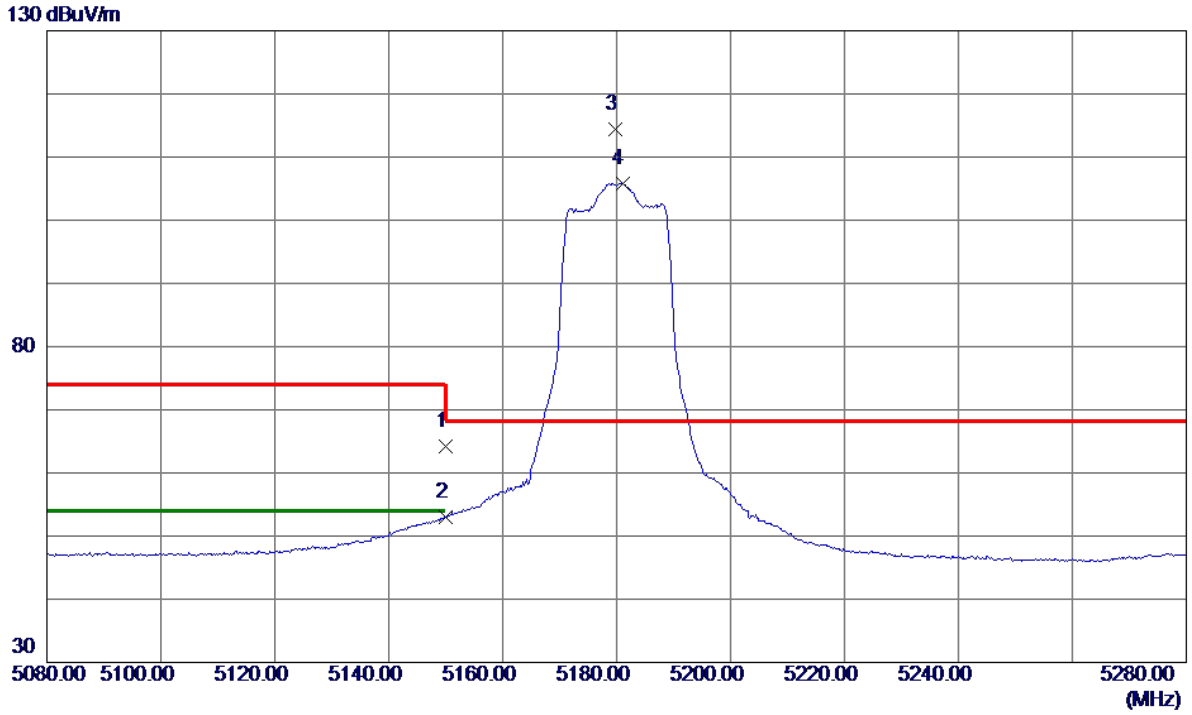
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.9600	21.41	15.74	37.15	54.00	-16.85	AVG	
2	10488.5199	32.69	15.75	48.44	68.30	-19.86	Peak	

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

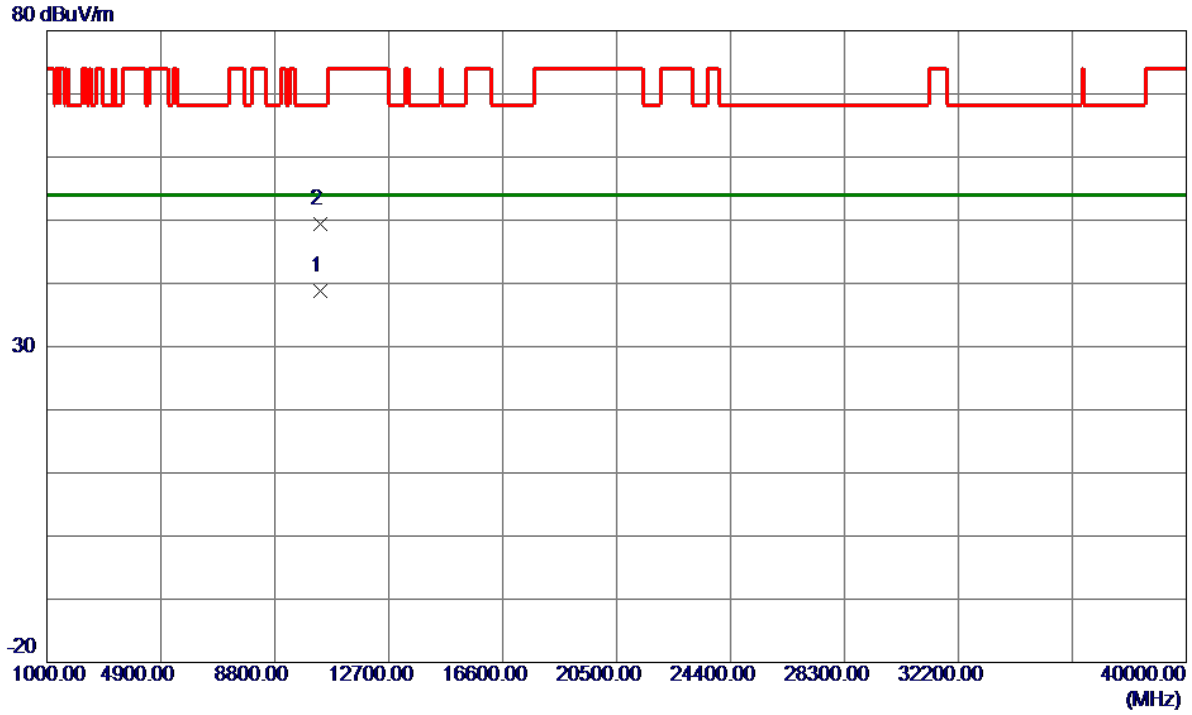
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.29	17.90	64.19	74.00	-9.81	Peak	
2	5150.0000	35.12	17.90	53.02	54.00	-0.98	AVG	
3 *	5179.8000	96.33	18.02	114.35	68.20	46.15	Peak	No Limit
4	5181.0000	87.81	18.02	105.83	999.00	-893.17	AVG	No Limit

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

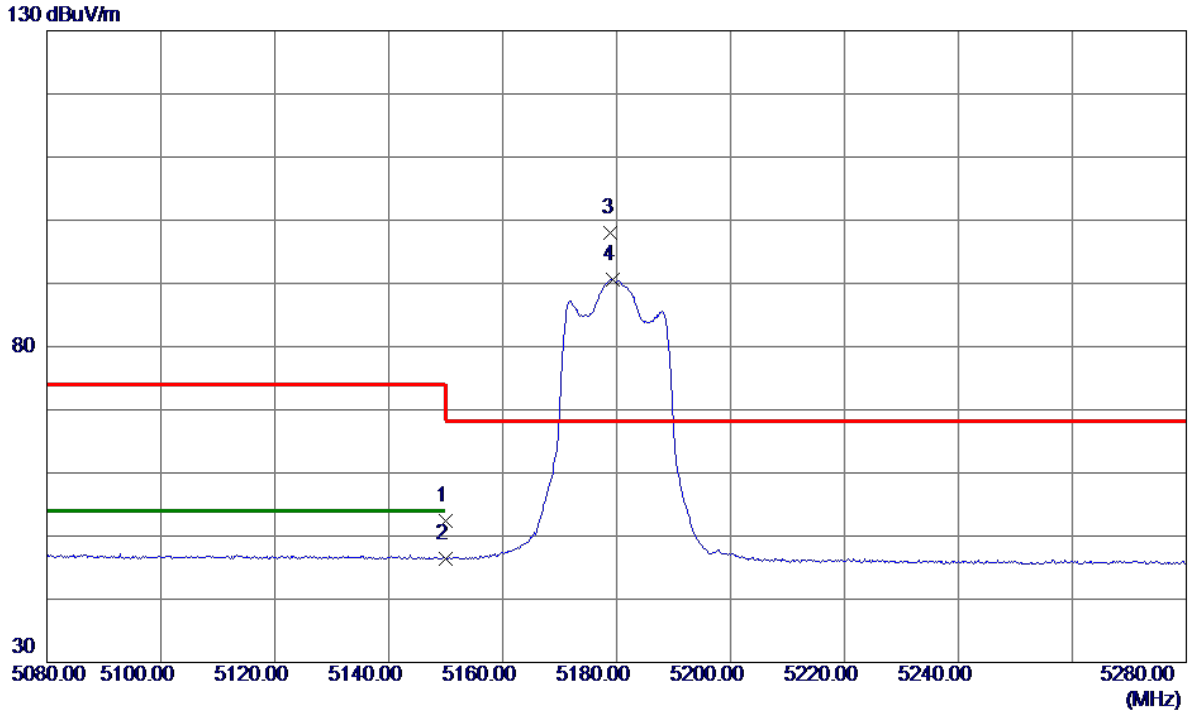
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0800	23.27	15.58	38.85	54.00	-15.15	AVG	
2	10364.3200	33.82	15.59	49.41	68.30	-18.89	Peak	

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

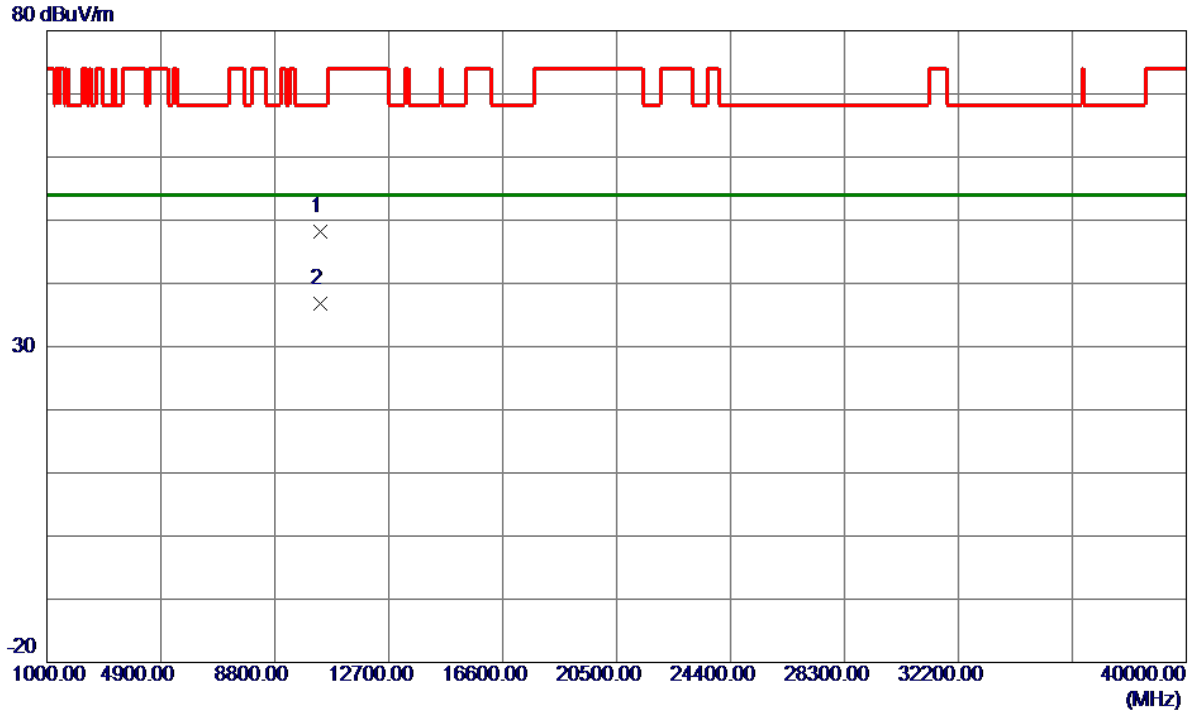
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	34.41	17.90	52.31	74.00	-21.69	Peak	
2	5150.0000	28.43	17.90	46.33	54.00	-7.67	AVG	
3 *	5179.0000	79.92	18.01	97.93	68.20	29.73	Peak	No Limit
4	5179.4000	72.55	18.02	90.57	999.00	-908.43	AVG	No Limit

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

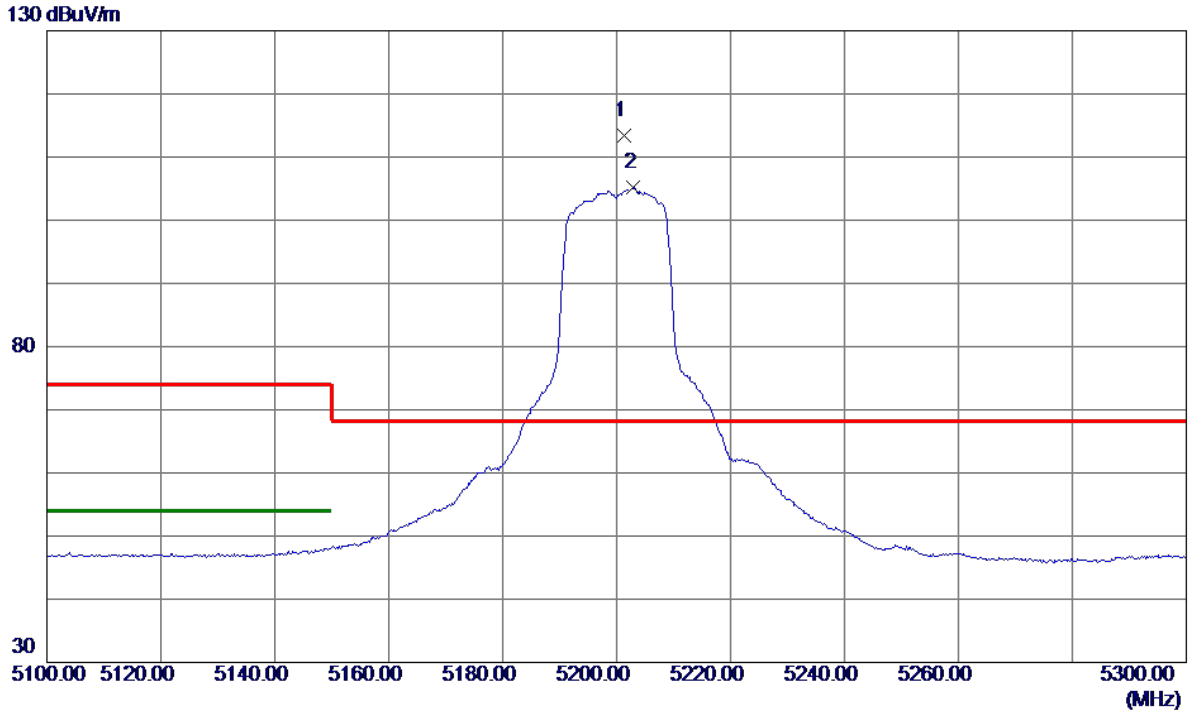
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10355.2000	32.56	15.58	48.14	68.30	-20.16	Peak	
2 *	10360.0199	21.20	15.58	36.78	54.00	-17.22	AVG	

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

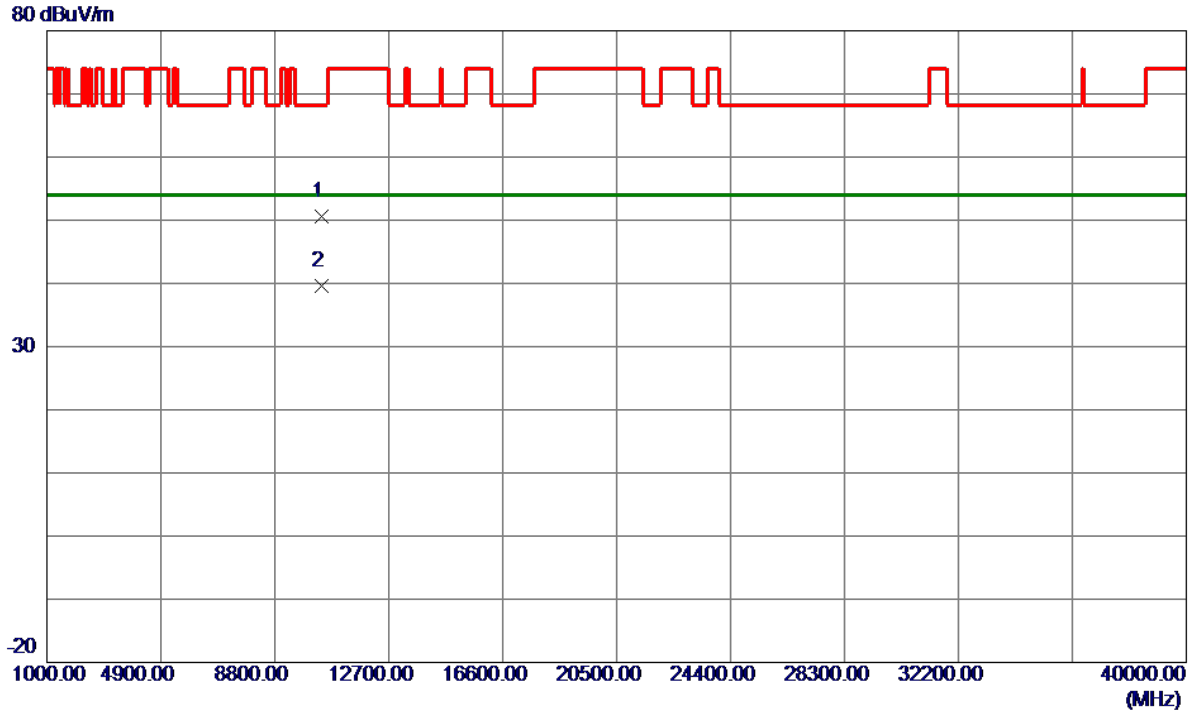
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5201.4000	95.21	18.10	113.31	68.20	45.11	Peak	No Limit
2	5203.0000	87.03	18.11	105.14	999.00	-893.86	AVG	No Limit

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

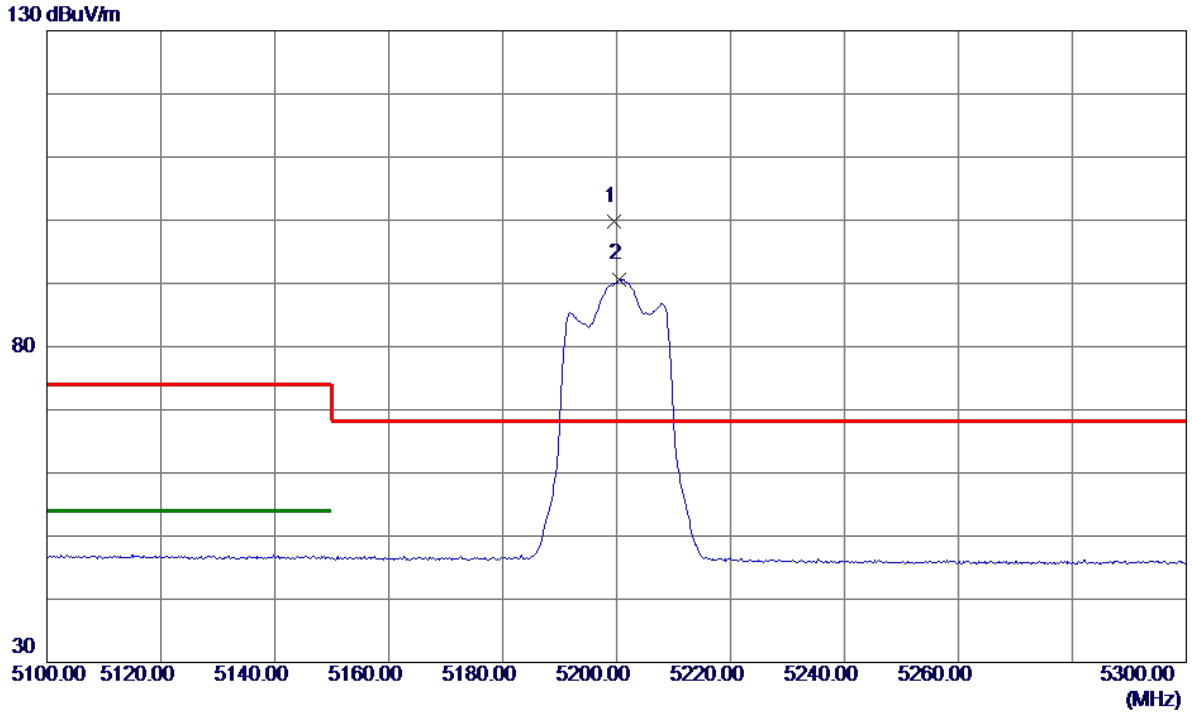
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.6800	35.01	15.64	50.65	68.30	-17.65	Peak	
2 *	10400.0800	23.88	15.64	39.52	54.00	-14.48	AVG	

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

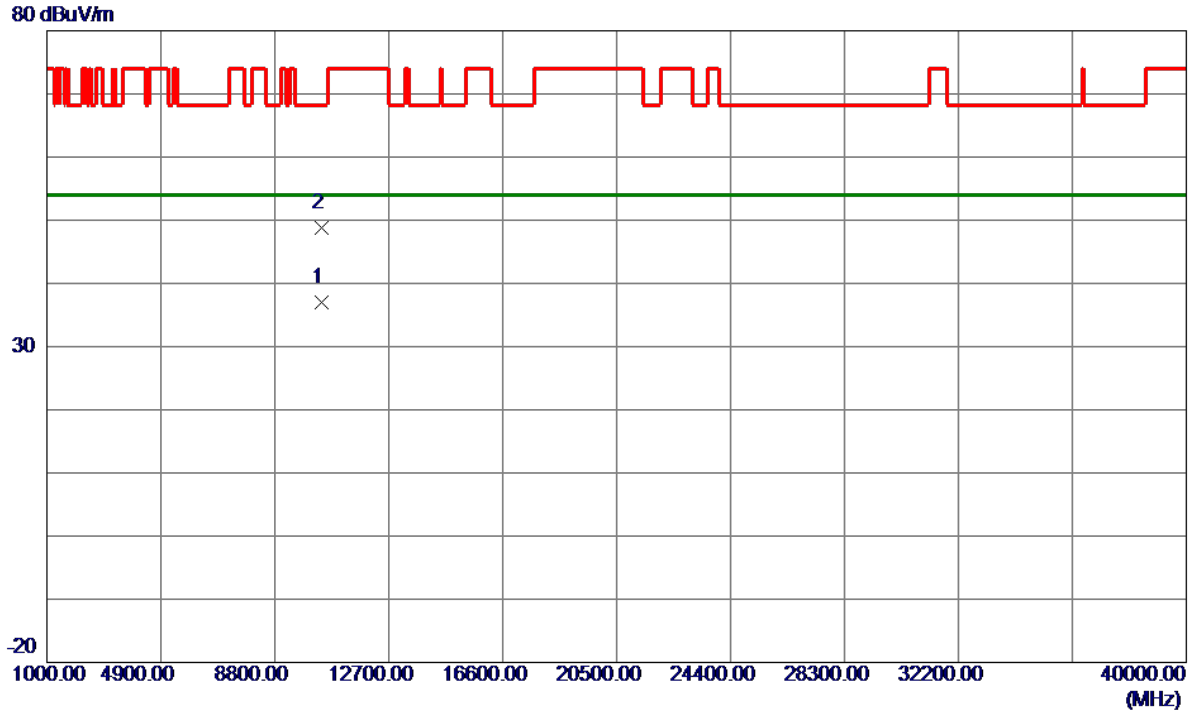
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5199.6000	81.68	18.09	99.77	68.20	31.57	Peak	No Limit
2	5200.4000	72.60	18.10	90.70	999.00	-908.30	AVG	No Limit

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

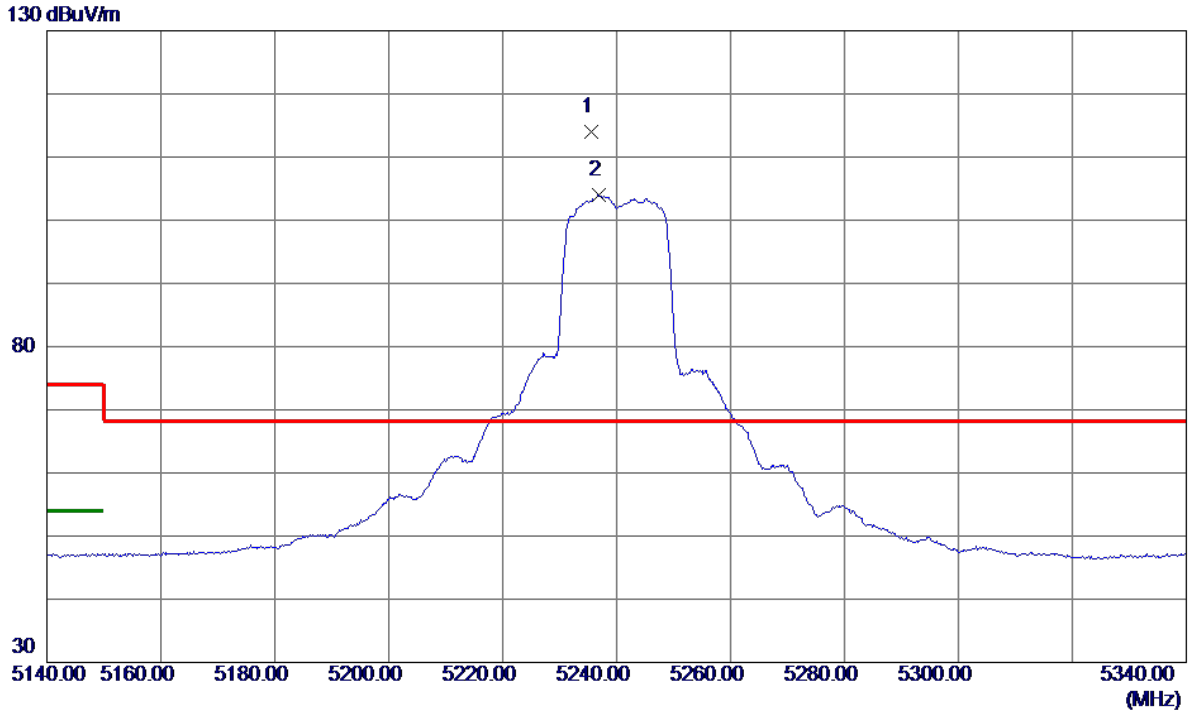
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.8800	21.37	15.64	37.01	54.00	-16.99	AVG	
2	10401.5400	33.08	15.64	48.72	68.30	-19.58	Peak	

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

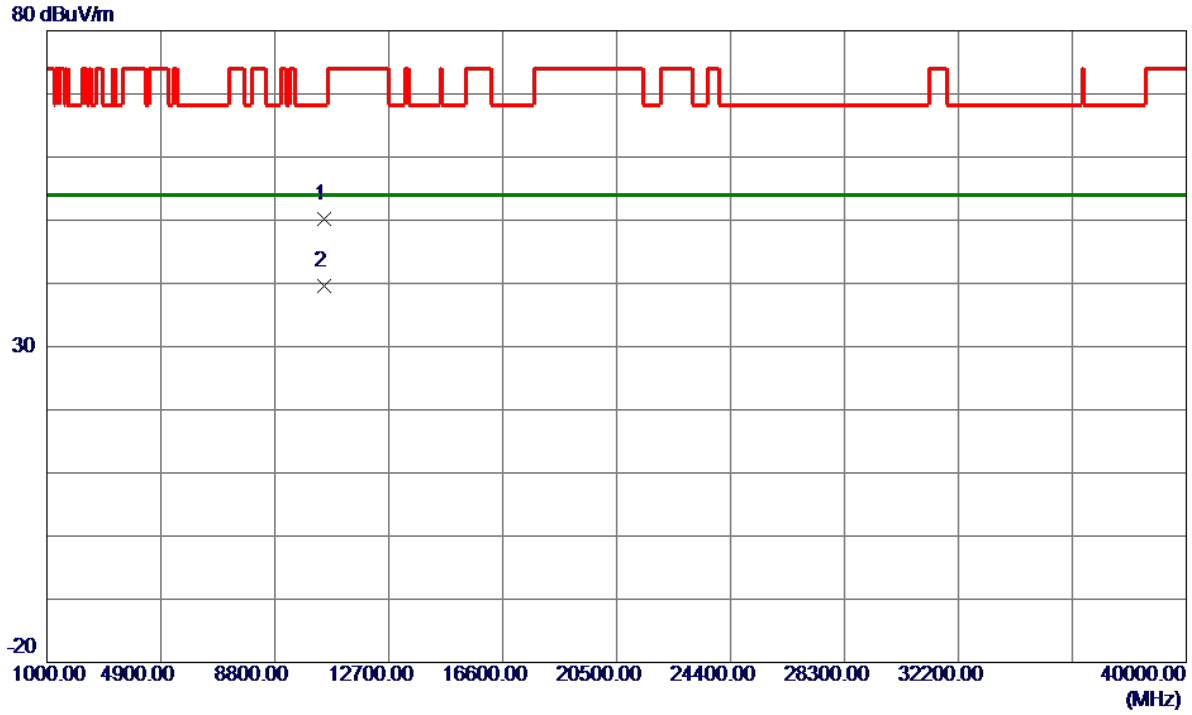
Test Mode	UNII-1_TX AC(VHT20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5235.6000	95.68	18.23	113.91	68.20	45.71	Peak	No Limit
2	5236.8000	85.73	18.24	103.97	999.00	-895.03	AVG	No Limit

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

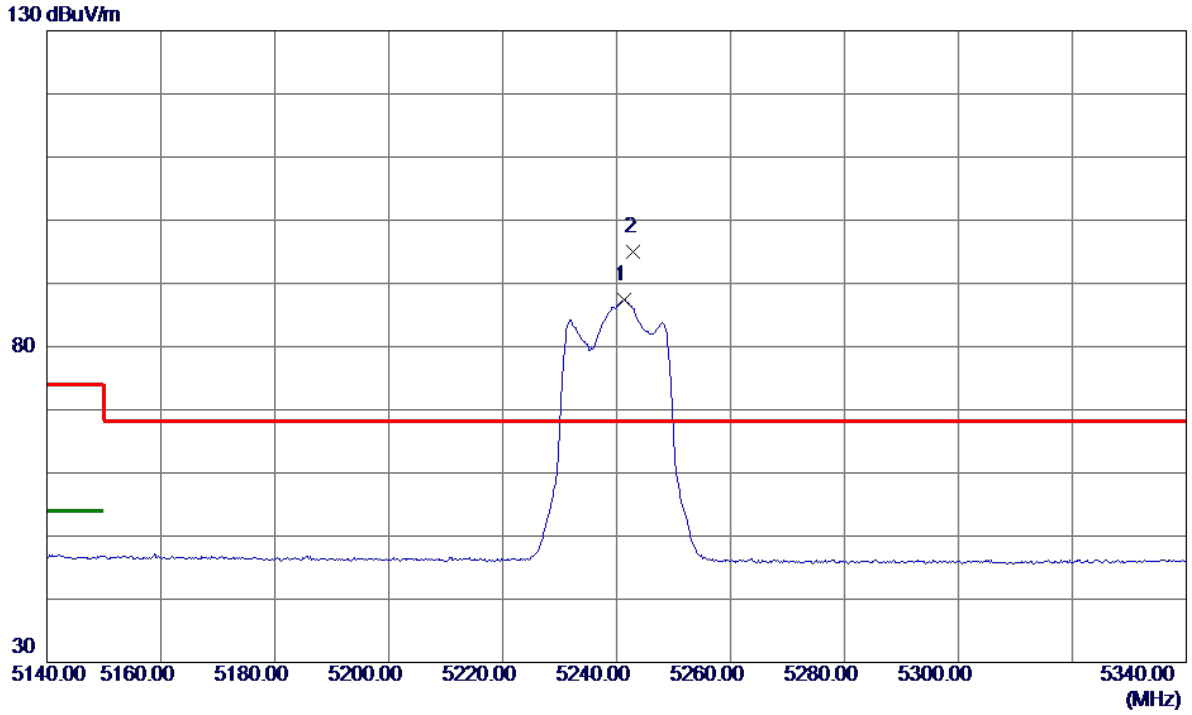
Test Mode	UNII-1_TX AC(VHT20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10478.0400	34.40	15.74	50.14	68.30	-18.16	Peak	
2 *	10478.7600	23.94	15.74	39.68	54.00	-14.32	AVG	

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

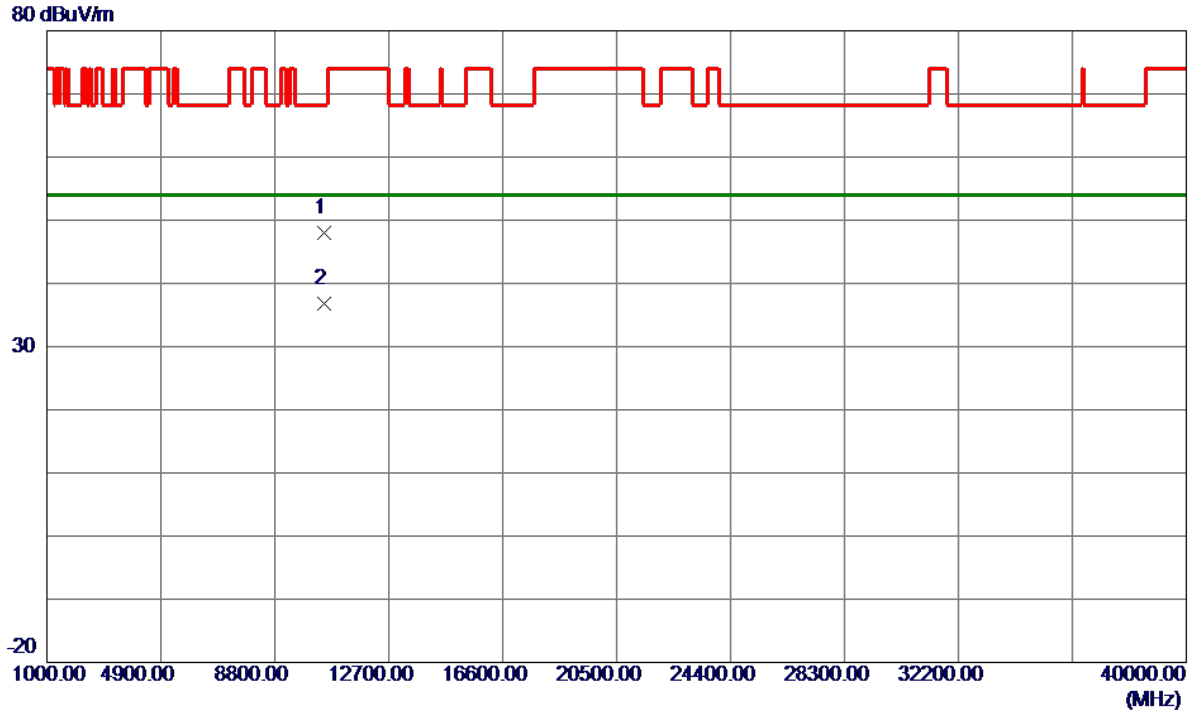
Test Mode	UNII-1_TX AC(VHT20) Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5241.4000	69.13	18.26	87.39	999.00	-911.61	AVG	No Limit
2 *	5243.0000	76.78	18.26	95.04	68.20	26.84	Peak	No Limit

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

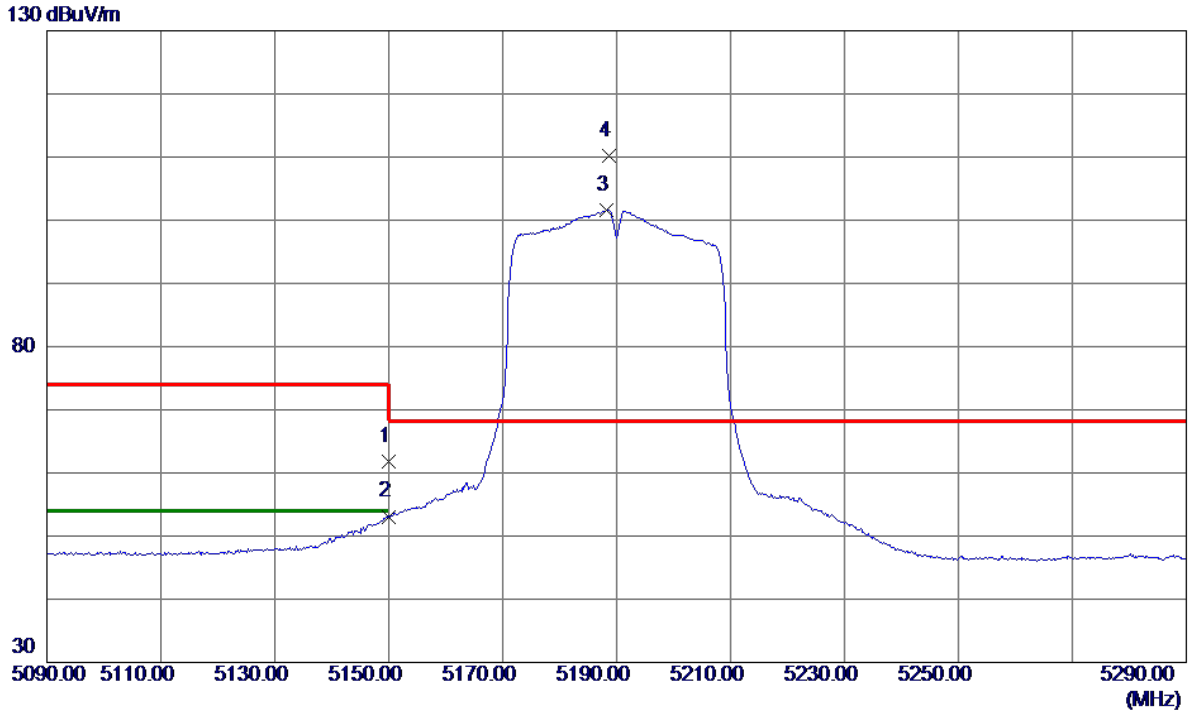
Test Mode	UNII-1_TX AC(VHT20) Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10477.8800	32.18	15.74	47.92	68.30	-20.38	Peak	
2 *	10480.0000	21.09	15.74	36.83	54.00	-17.17	AVG	

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

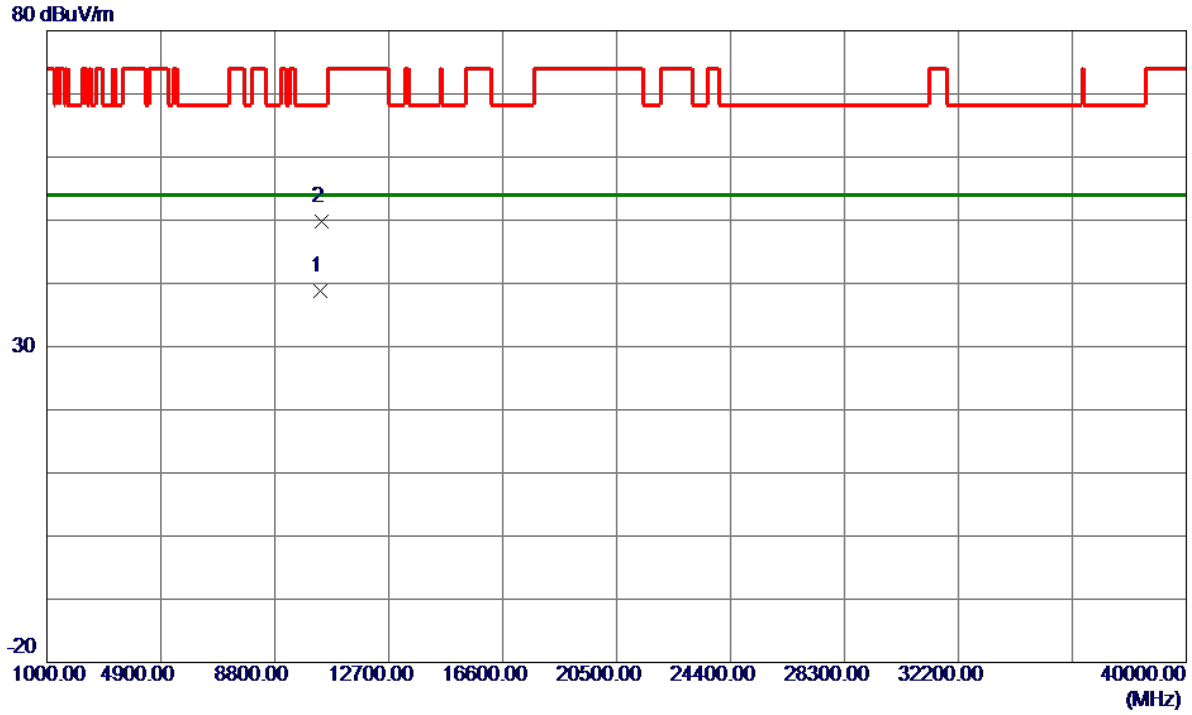
Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	43.99	17.90	61.89	74.00	-12.11	Peak	
2	5150.0000	35.20	17.90	53.10	54.00	-0.90	AVG	
3	5188.2000	83.52	18.05	101.57	999.00	-897.43	AVG	No Limit
4 *	5188.6000	92.12	18.05	110.17	68.20	41.97	Peak	No Limit

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

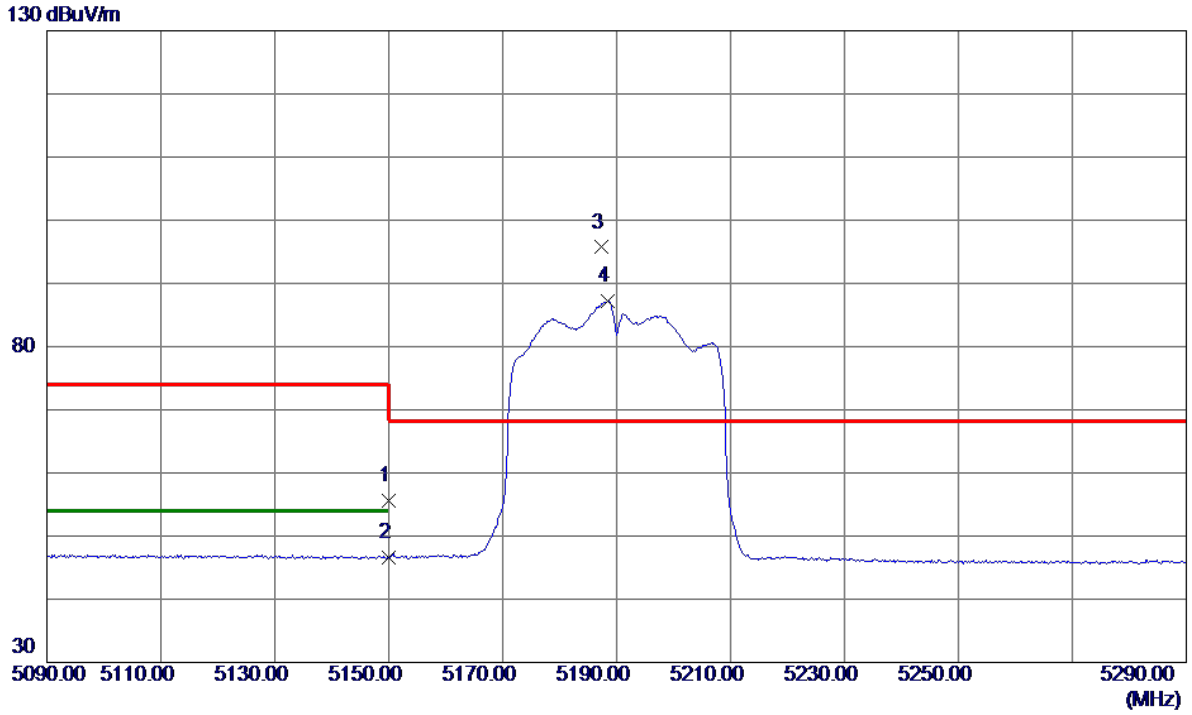
Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.0800	23.22	15.61	38.83	54.00	-15.17	AVG	
2	10389.5800	34.12	15.62	49.74	68.30	-18.56	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	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.77	17.90	55.67	74.00	-18.33	Peak	
2	5150.0000	28.68	17.90	46.58	54.00	-7.42	AVG	
3 *	5187.4000	77.65	18.05	95.70	68.20	27.50	Peak	No Limit
4	5188.4000	69.10	18.05	87.15	999.00	-911.85	AVG	No Limit

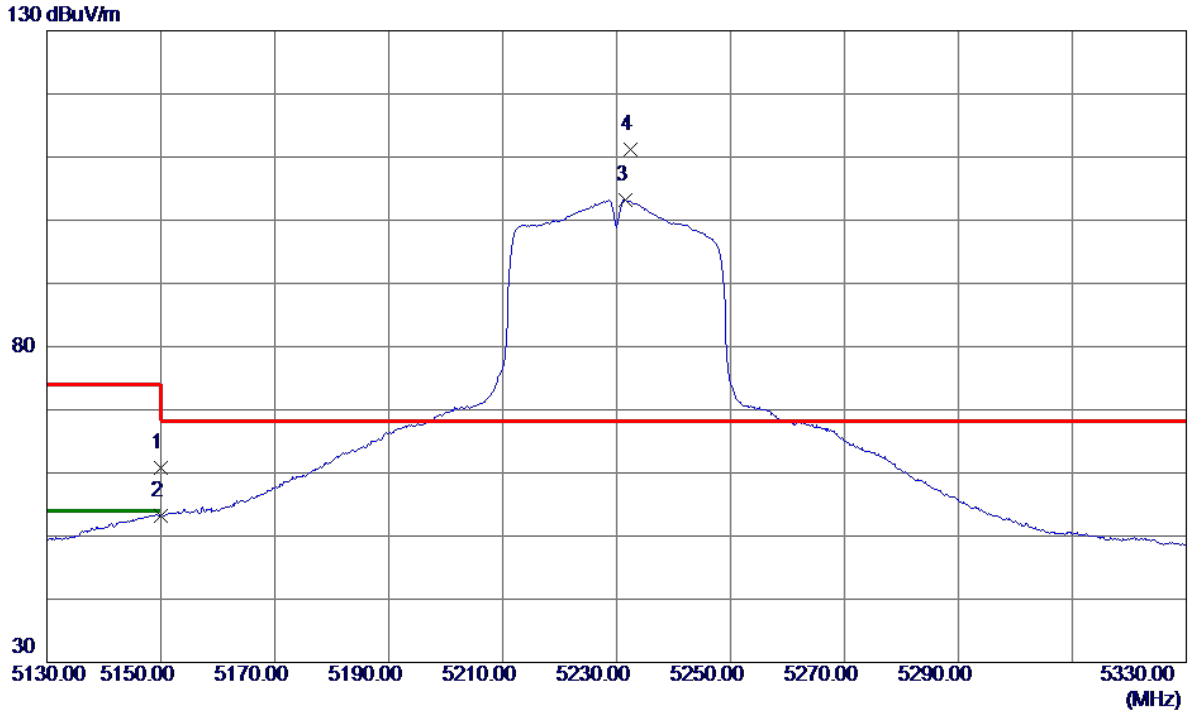
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.4200	21.34	15.61	36.95	54.00	-17.05	AVG	
2	10386.2000	31.80	15.62	47.42	68.30	-20.88	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	42.90	17.90	60.80	74.00	-13.20	Peak	
2	5150.0000	35.23	17.90	53.13	54.00	-0.87	AVG	
3	5231.6000	85.02	18.22	103.24	999.00	-895.76	AVG	No Limit
4 *	5232.4000	92.96	18.22	111.18	68.20	42.98	Peak	No Limit

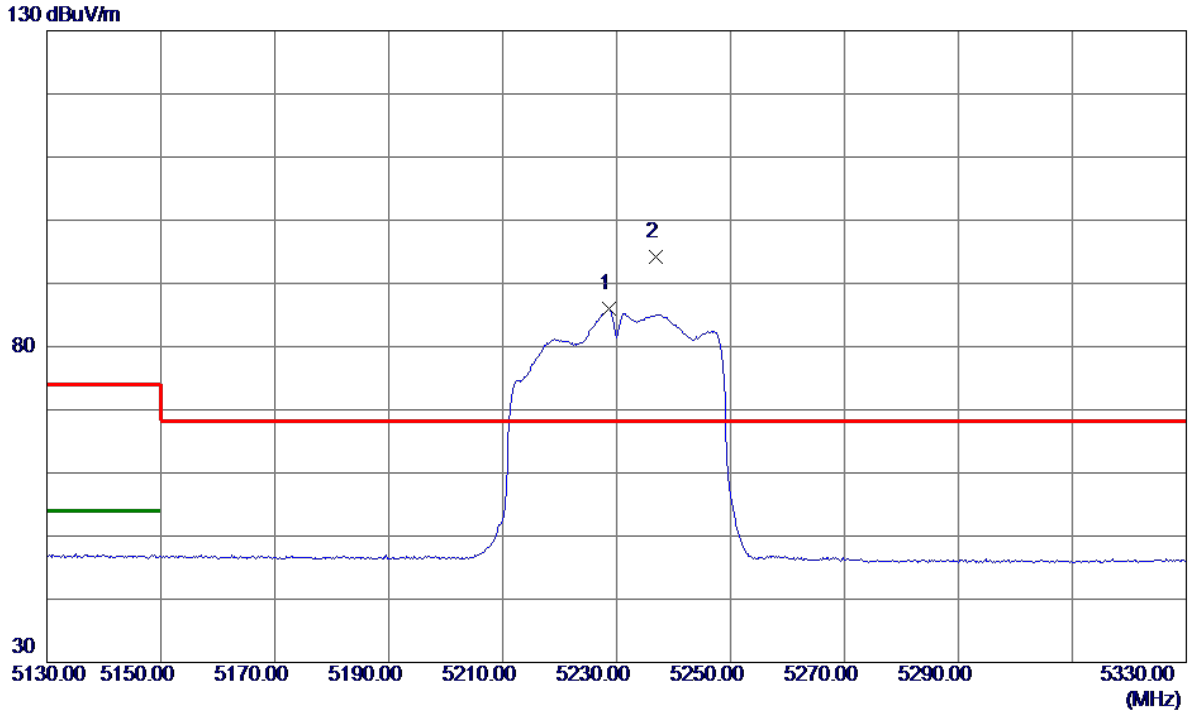
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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 *	10459.8600	22.88	15.72	38.60	54.00	-15.40	AVG	
2	10468.8800	33.19	15.73	48.92	68.30	-19.38	Peak	

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

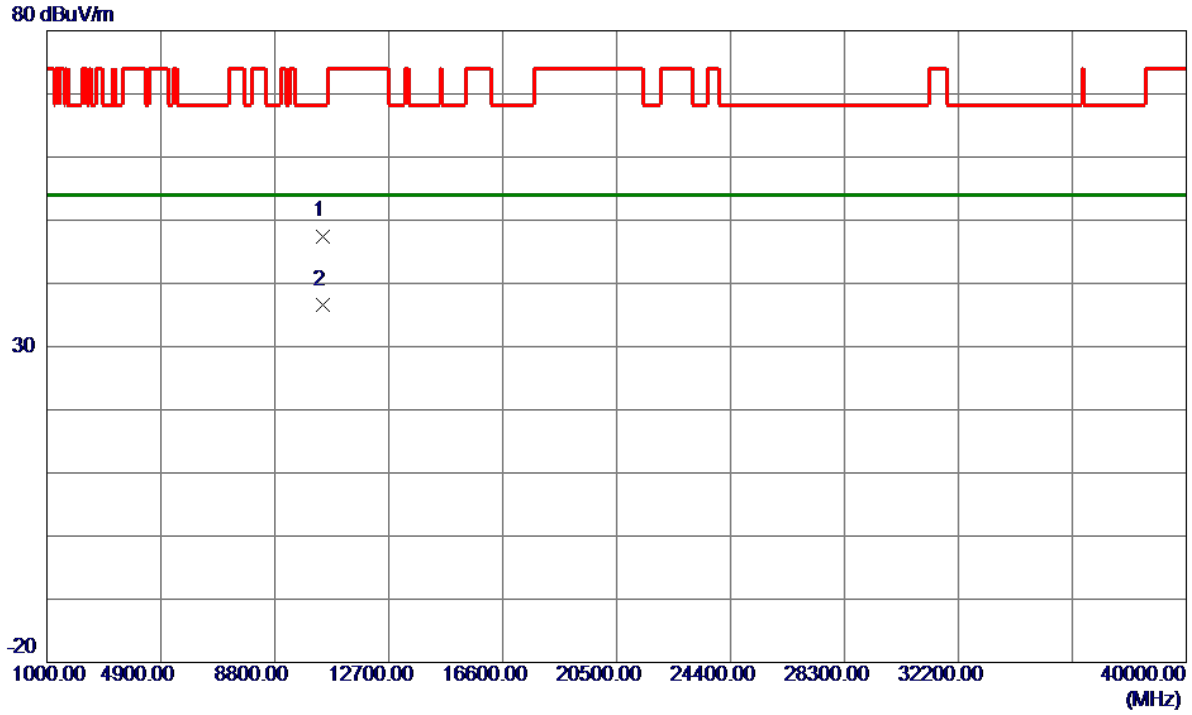
Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5228.6000	67.71	18.21	85.92	999.00	-913.08	AVG	No Limit
2 *	5236.8000	75.90	18.24	94.14	68.20	25.94	Peak	No Limit

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

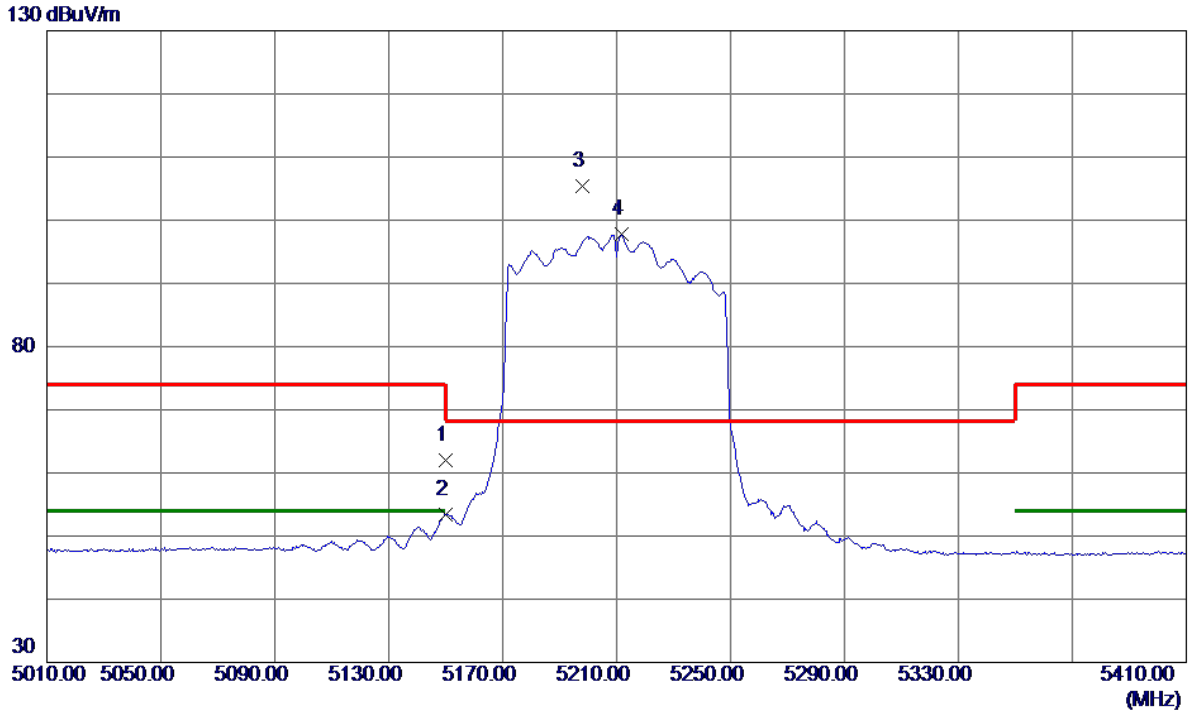
Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10451.6800	31.79	15.71	47.50	68.30	-20.80	Peak	
2 *	10460.0000	20.95	15.72	36.67	54.00	-17.33	AVG	

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

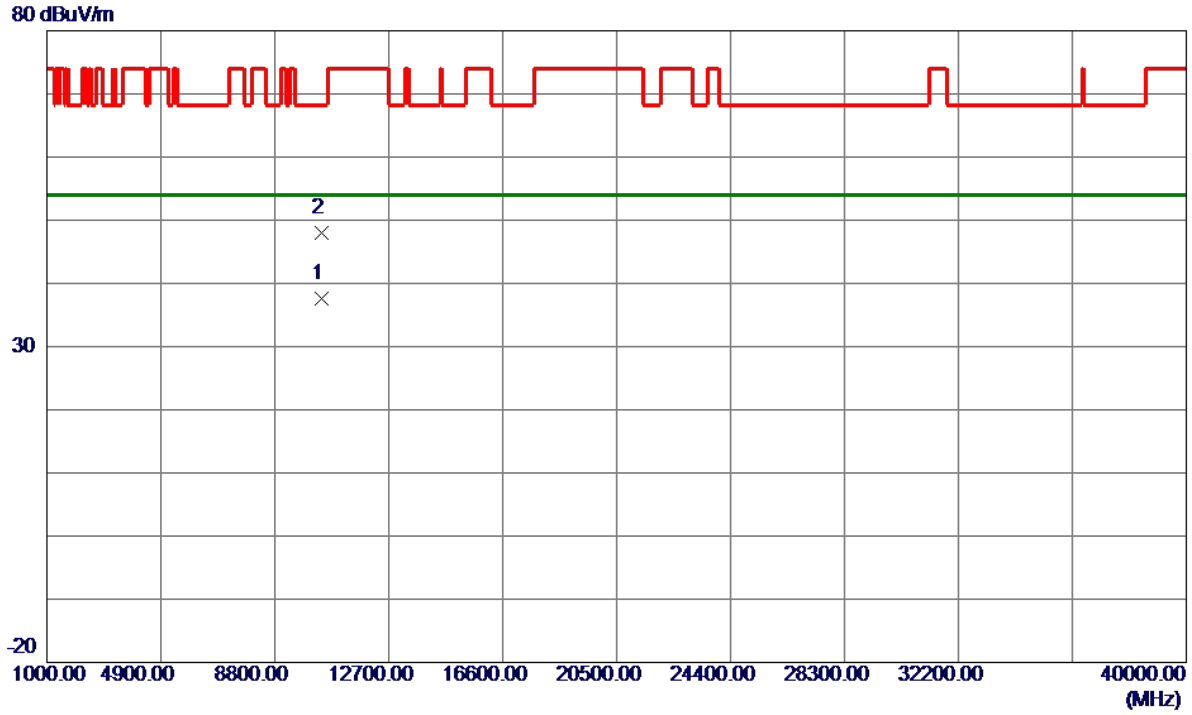
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.13	17.90	62.03	74.00	-11.97	Peak	
2	5150.0000	35.55	17.90	53.45	54.00	-0.55	AVG	
3 *	5198.0000	87.35	18.09	105.44	68.20	37.24	Peak	No Limit
4	5211.6000	79.66	18.14	97.80	999.00	-901.20	AVG	No Limit

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

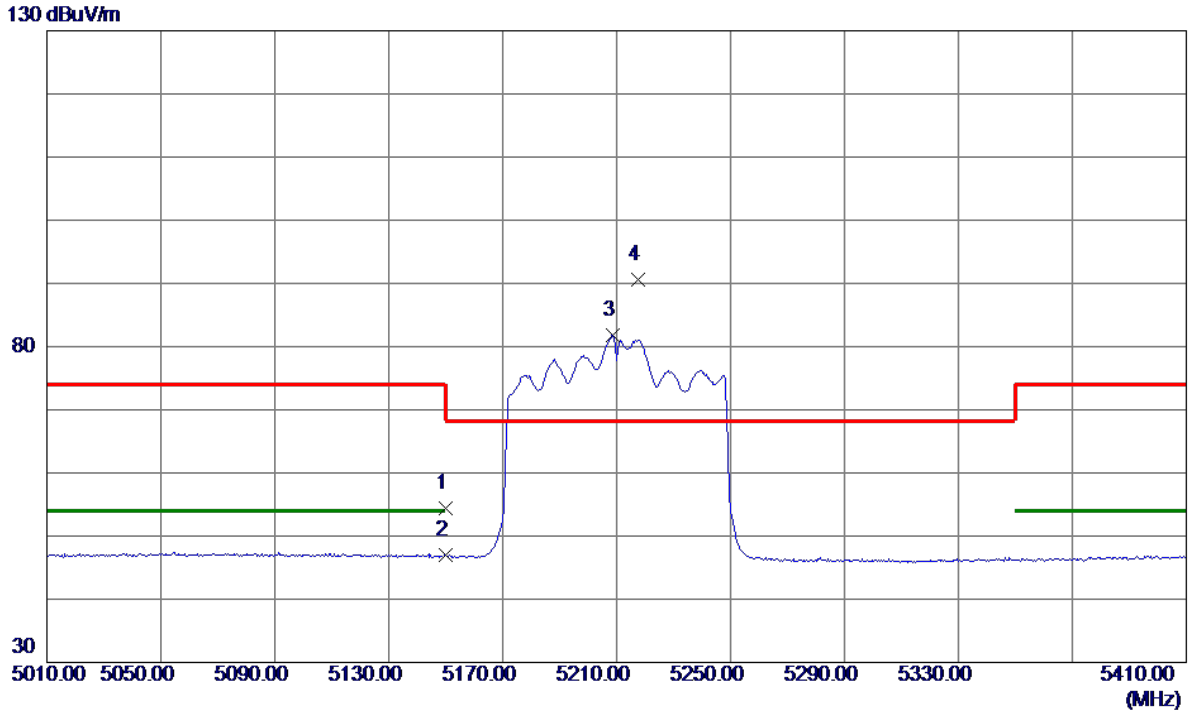
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10419.5599	21.95	15.66	37.61	54.00	-16.39	AVG	
2	10419.7000	32.43	15.66	48.09	68.30	-20.21	Peak	

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

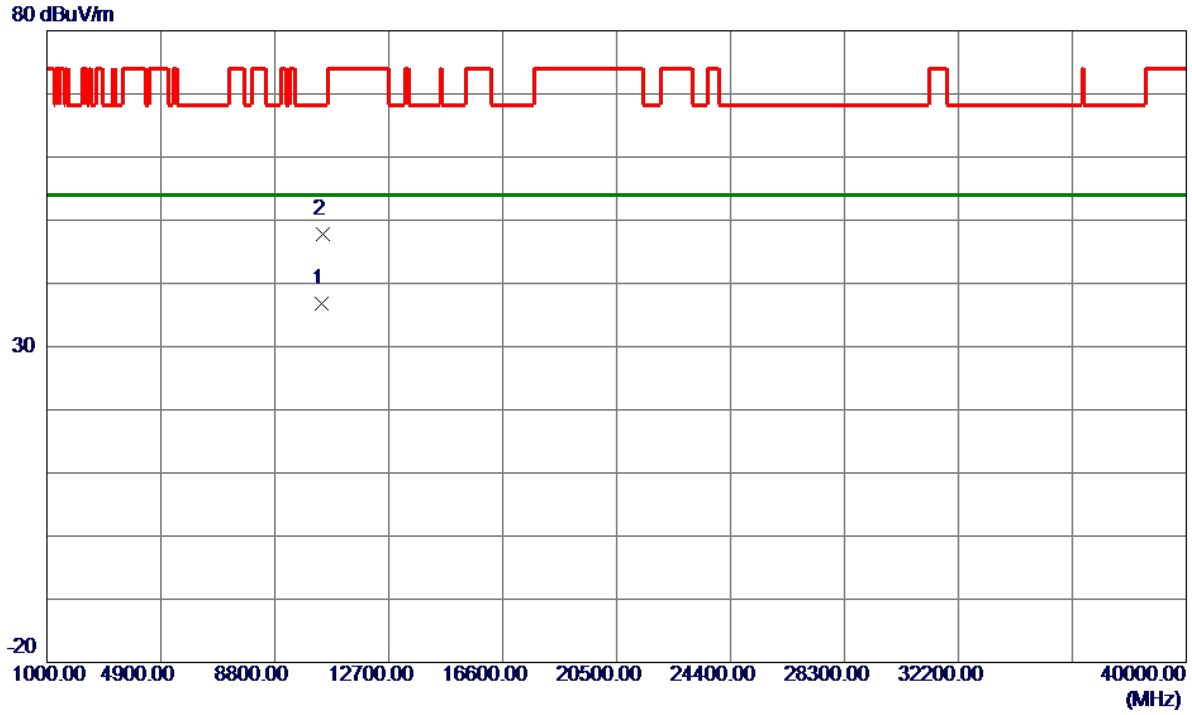
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	36.47	17.90	54.37	74.00	-19.63	Peak	
2	5150.0000	29.04	17.90	46.94	54.00	-7.06	AVG	
3	5208.8000	63.72	18.13	81.85	999.00	-917.15	AVG	No Limit
4 *	5217.6000	72.43	18.16	90.59	68.20	22.39	Peak	No Limit

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

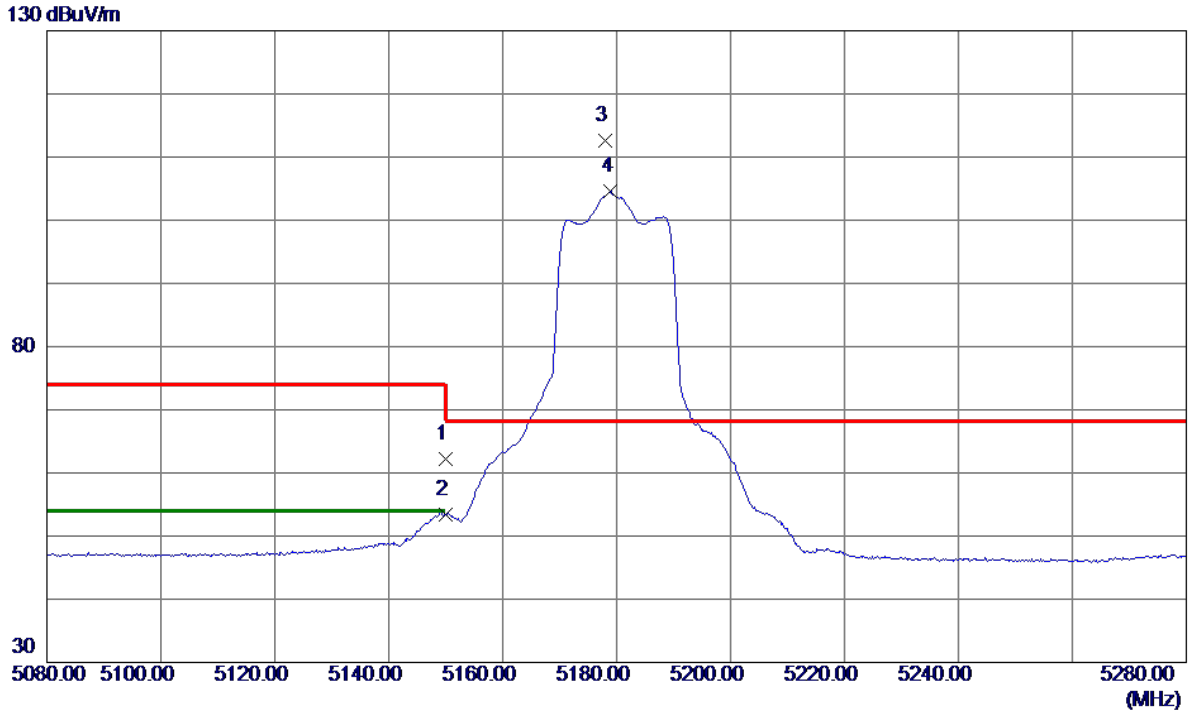
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.1200	21.09	15.66	36.75	54.00	-17.25	AVG	
2	10426.1200	32.21	15.67	47.88	68.30	-20.42	Peak	

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

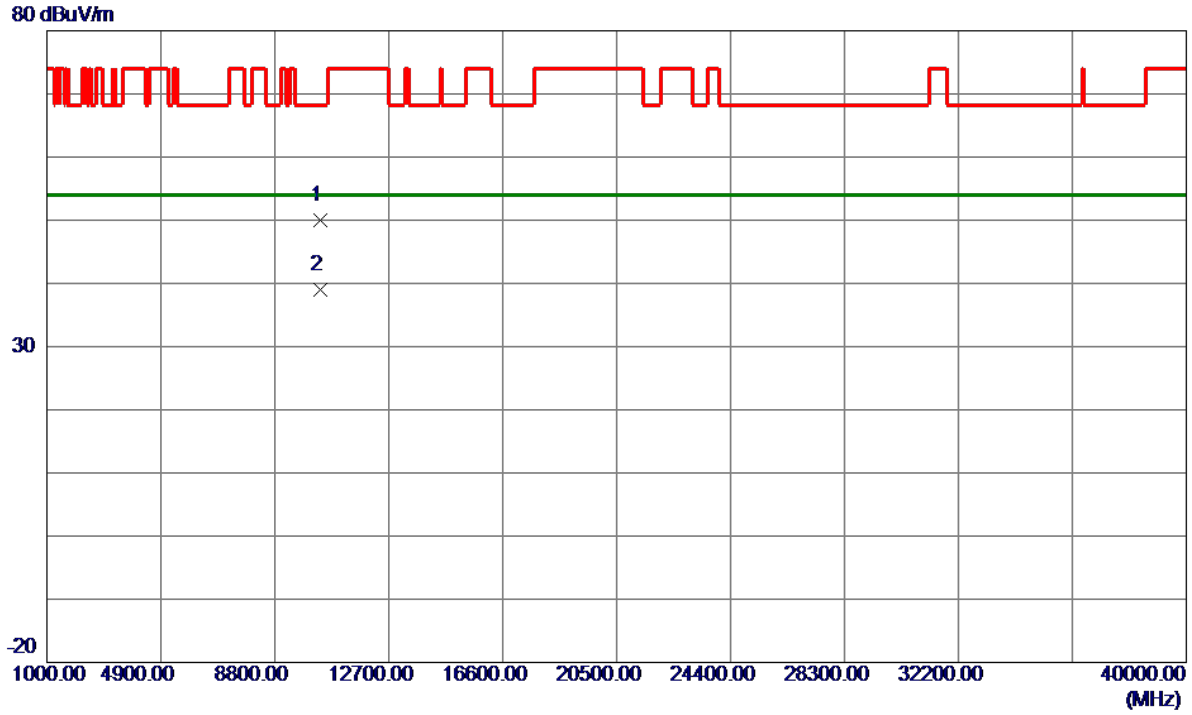
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.26	17.90	62.16	74.00	-11.84	Peak	
2	5150.0000	35.53	17.90	53.43	54.00	-0.57	AVG	
3 *	5178.0000	94.58	18.01	112.59	68.20	44.39	Peak	No Limit
4	5179.0000	86.52	18.01	104.53	999.00	-894.47	AVG	No Limit

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

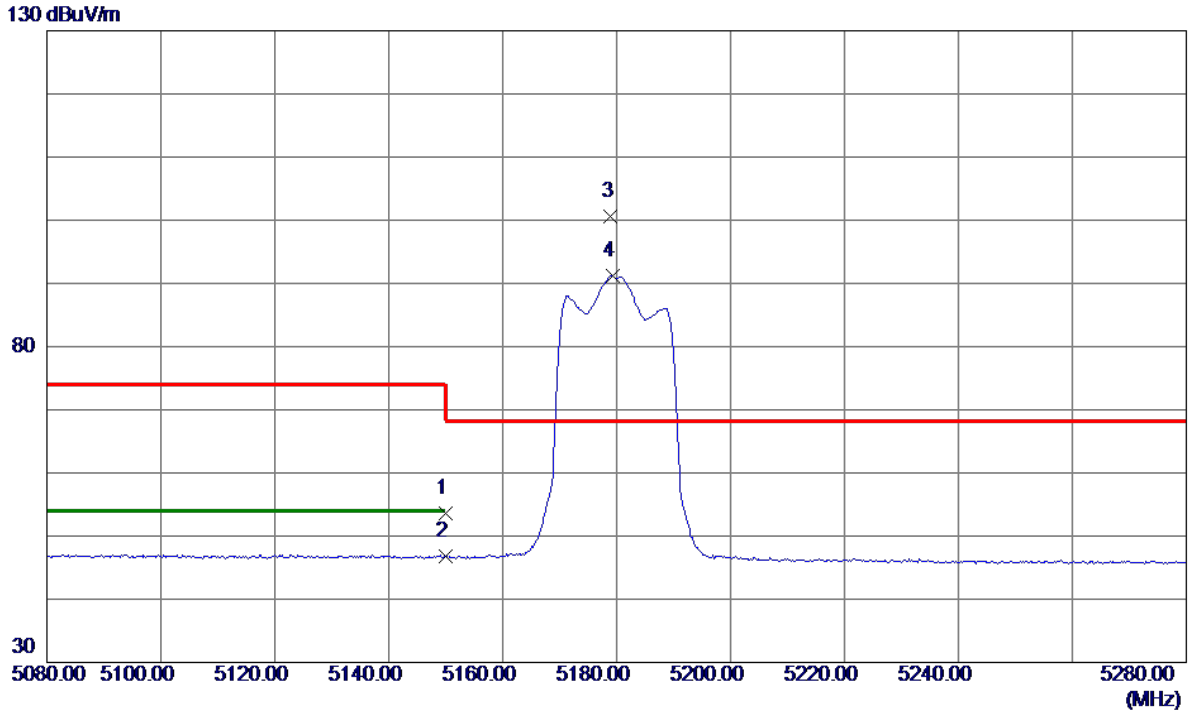
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10356.9200	34.50	15.58	50.08	68.30	-18.22	Peak	
2 *	10359.9000	23.42	15.58	39.00	54.00	-15.00	AVG	

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

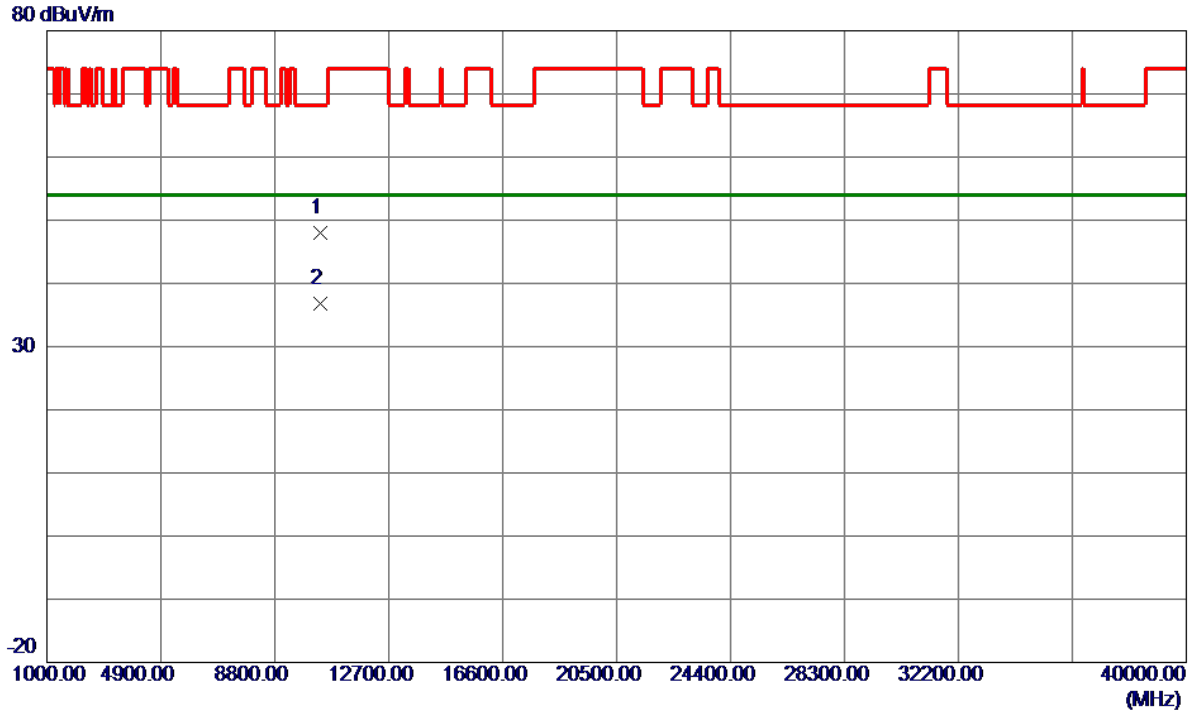
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	35.69	17.90	53.59	74.00	-20.41	Peak	
2	5150.0000	28.83	17.90	46.73	54.00	-7.27	AVG	
3 *	5179.0000	82.57	18.01	100.58	68.20	32.38	Peak	No Limit
4	5179.4000	73.25	18.02	91.27	999.00	-907.73	AVG	No Limit

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

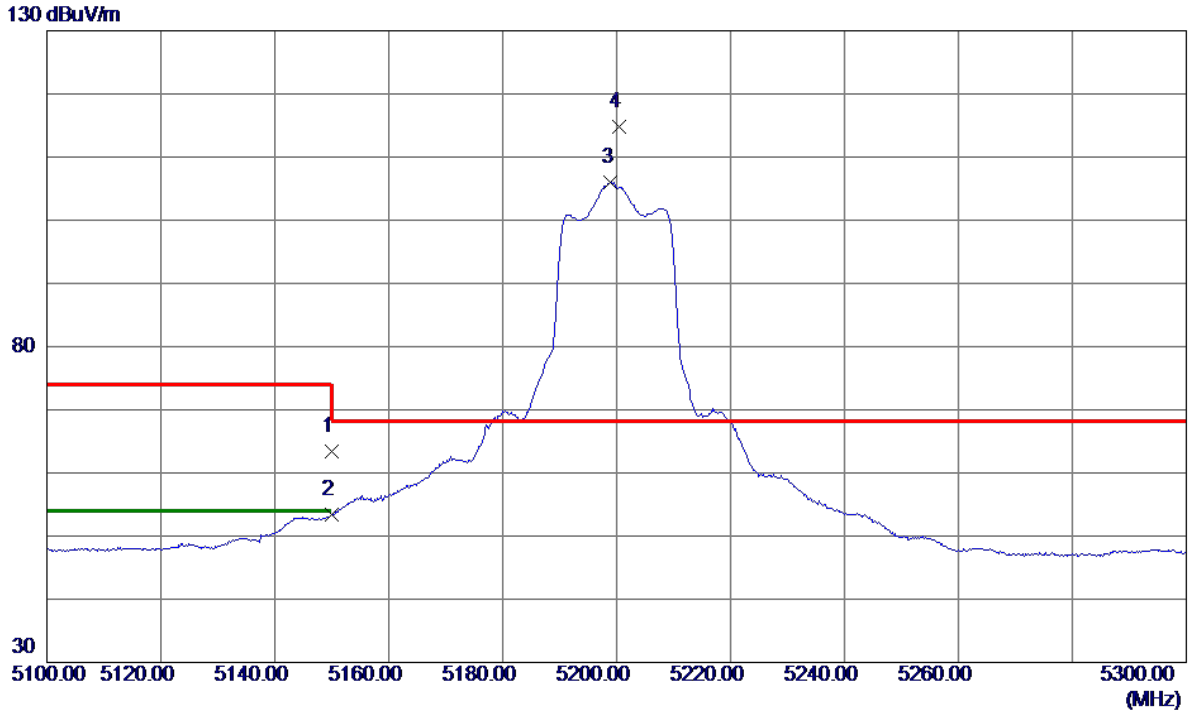
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10357.3800	32.42	15.58	48.00	68.30	-20.30	Peak	
2 *	10369.8200	21.24	15.60	36.84	54.00	-17.16	AVG	

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

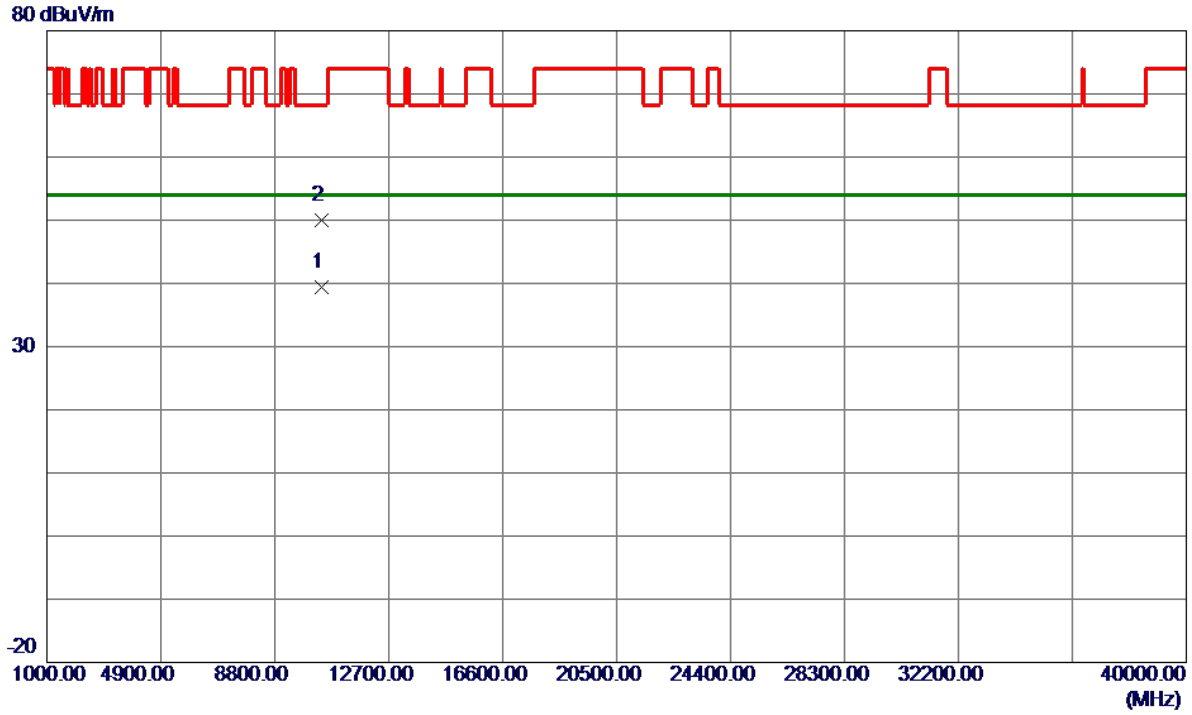
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	45.59	17.90	63.49	74.00	-10.51	Peak	
2	5150.0000	35.59	17.90	53.49	54.00	-0.51	AVG	
3	5199.0000	87.86	18.09	105.95	999.00	-893.05	AVG	No Limit
4 *	5200.4000	96.63	18.10	114.73	68.20	46.53	Peak	No Limit

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

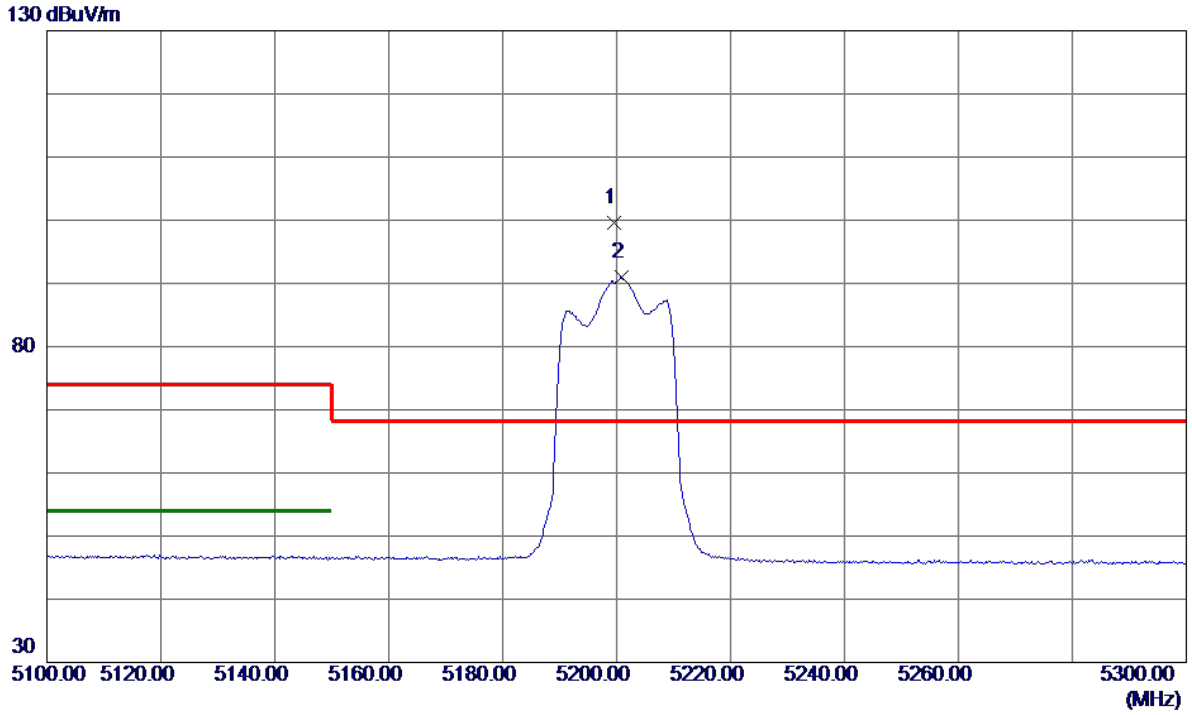
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.1400	23.83	15.64	39.47	54.00	-14.53	AVG	
2	10408.5800	34.35	15.65	50.00	68.30	-18.30	Peak	

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

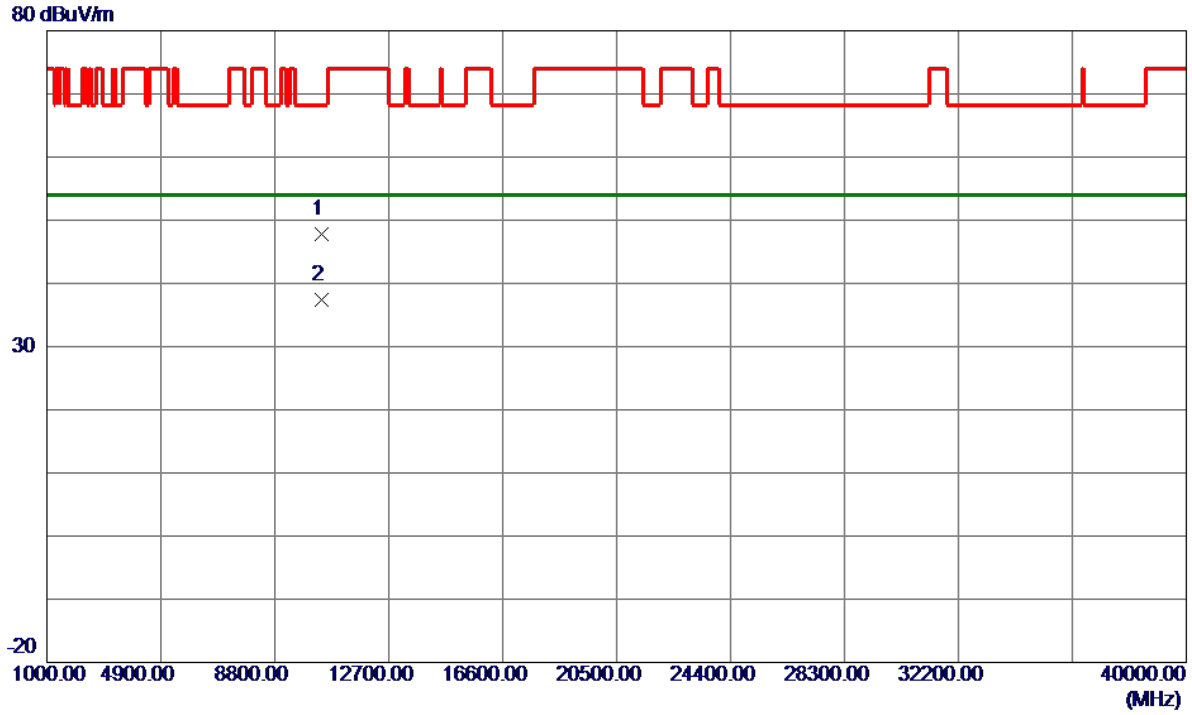
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5199.6000	81.55	18.09	99.64	68.20	31.44	Peak	No Limit
2	5200.8000	72.99	18.10	91.09	999.00	-907.91	AVG	No Limit

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

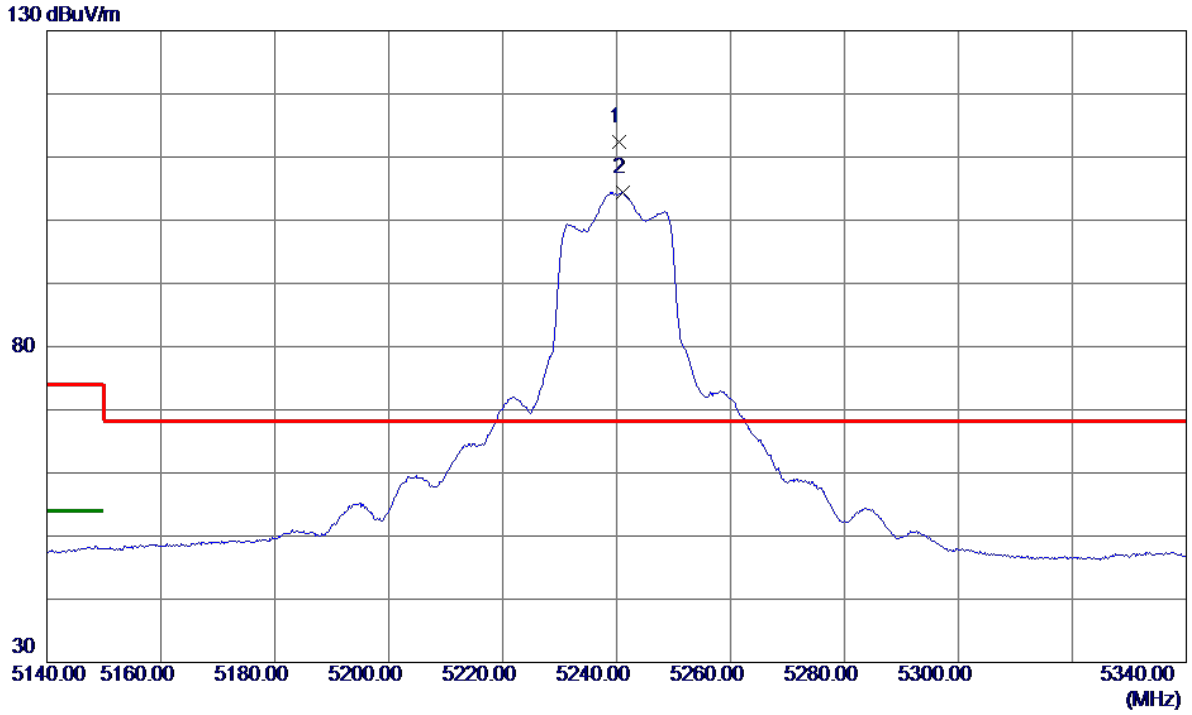
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10392.6600	32.16	15.63	47.79	68.30	-20.51	Peak	
2 *	10399.7400	21.68	15.64	37.32	54.00	-16.68	AVG	

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

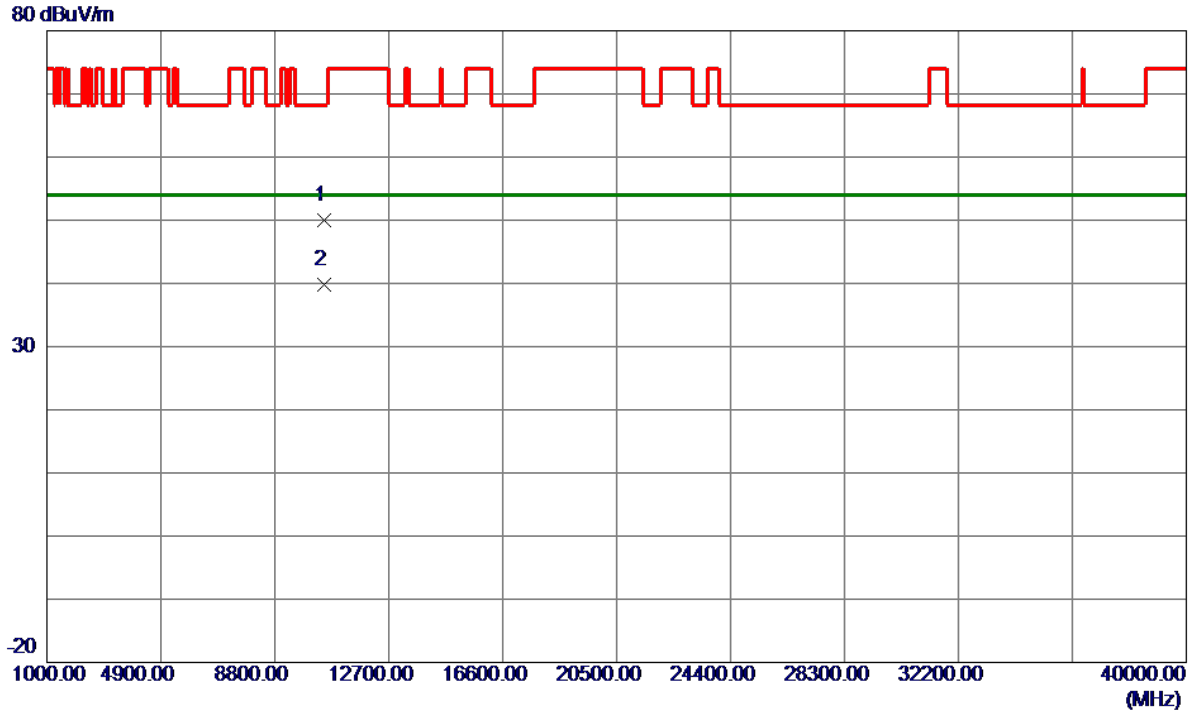
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5240.4000	94.17	18.25	112.42	68.20	44.22	Peak	No Limit
2	5241.2000	86.22	18.25	104.47	999.00	-894.53	AVG	No Limit

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

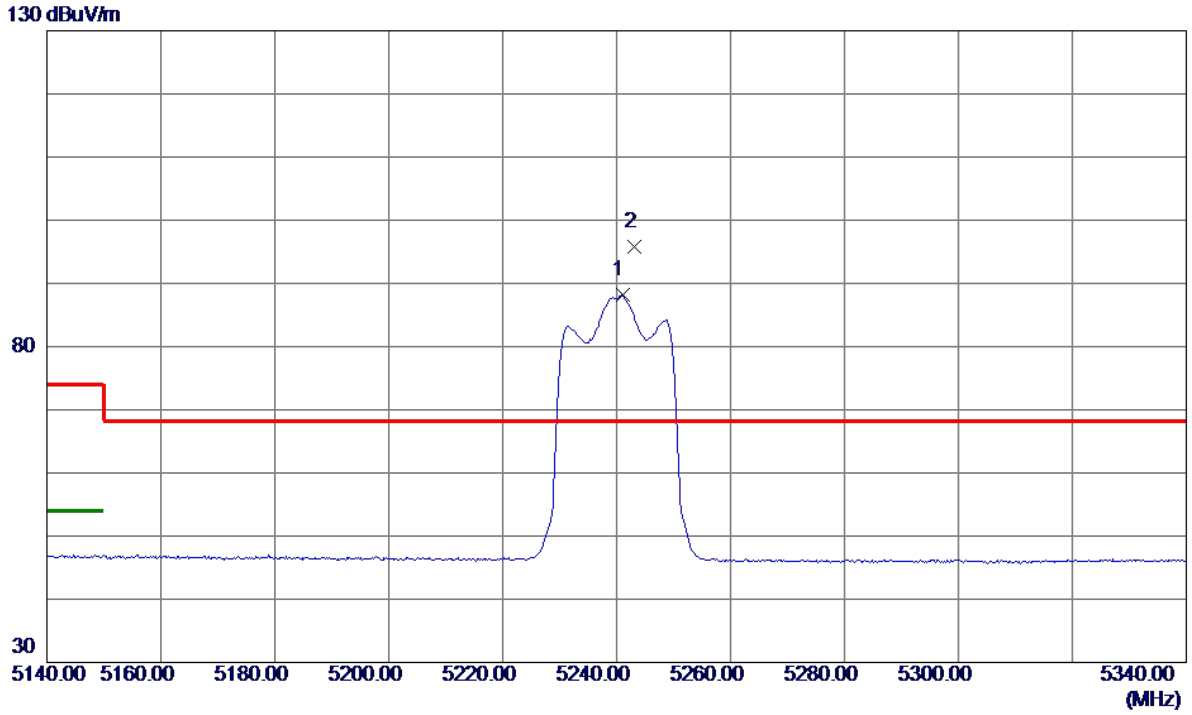
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.8400	34.21	15.74	49.95	68.30	-18.35	Peak	
2 *	10480.0400	24.04	15.74	39.78	54.00	-14.22	AVG	

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

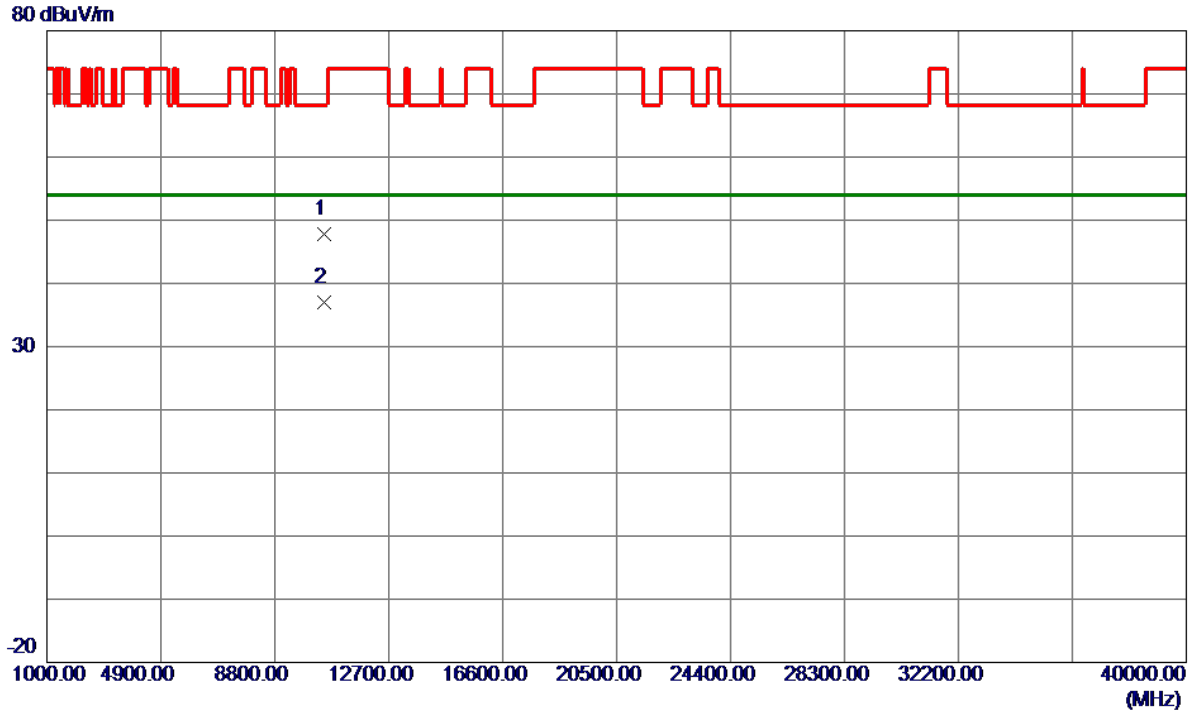
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5241.0000	69.90	18.25	88.15	999.00	-910.85	AVG	No Limit
2 *	5243.2000	77.57	18.26	95.83	68.20	27.63	Peak	No Limit

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

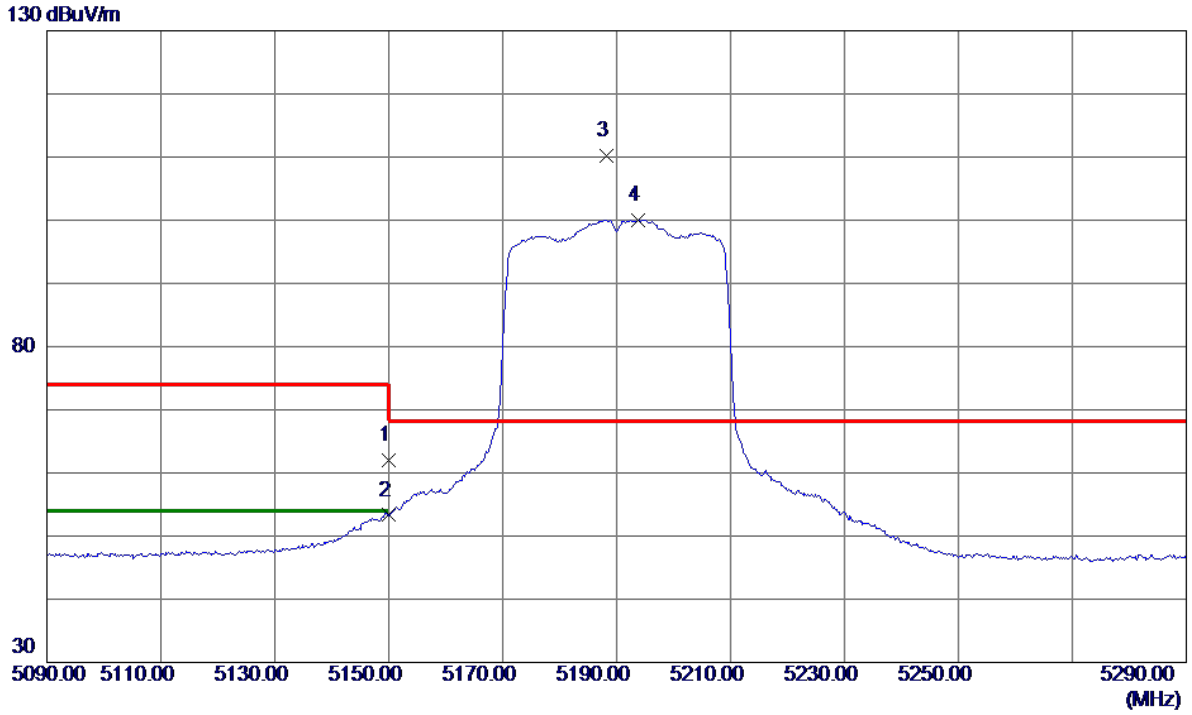
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10472.4600	32.03	15.73	47.76	68.30	-20.54	Peak	
2 *	10479.8400	21.17	15.74	36.91	54.00	-17.09	AVG	

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

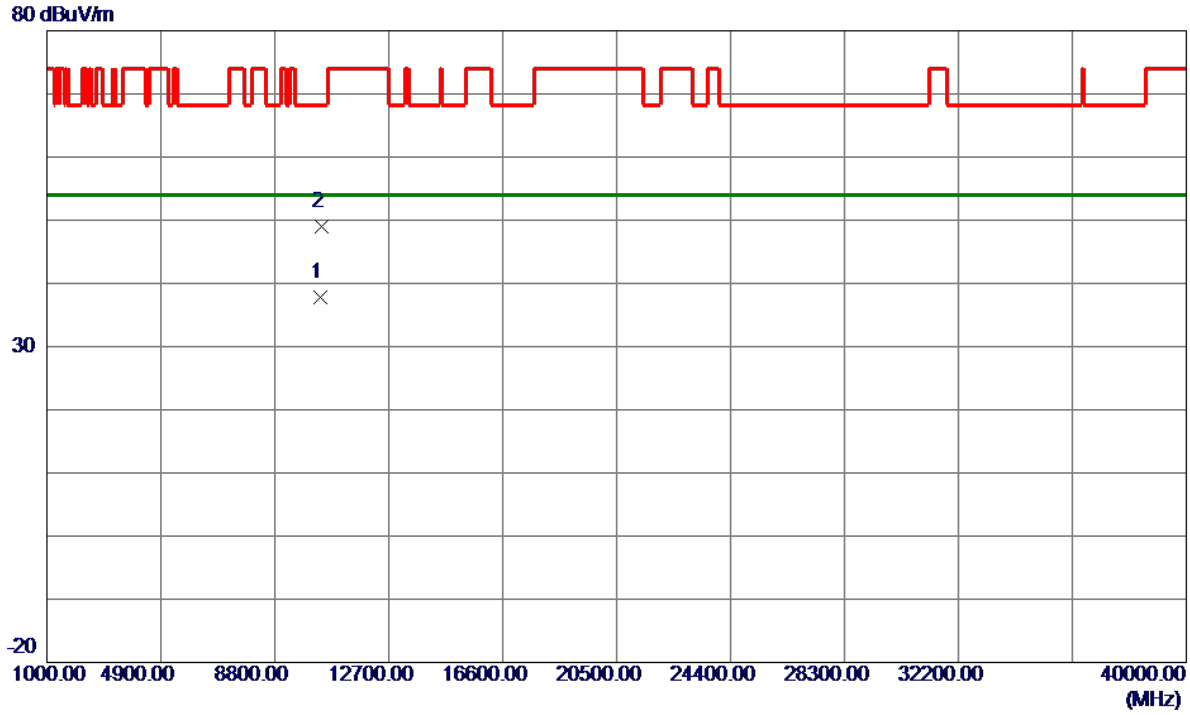
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.18	17.90	62.08	74.00	-11.92	Peak	
2	5150.0000	35.40	17.90	53.30	54.00	-0.70	AVG	
3 *	5188.2000	92.20	18.05	110.25	68.20	42.05	Peak	No Limit
4	5193.8000	82.02	18.07	100.09	999.00	-898.91	AVG	No Limit

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

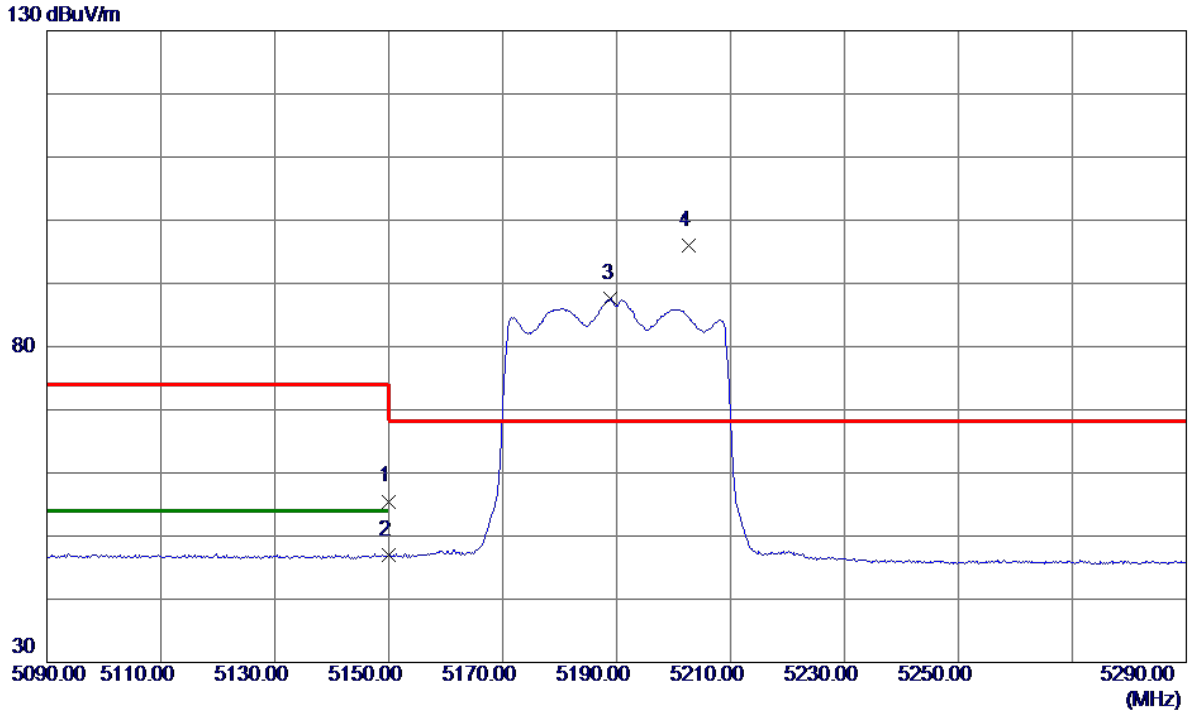
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.1200	22.28	15.61	37.89	54.00	-16.11	AVG	
2	10384.0599	33.33	15.61	48.94	68.30	-19.36	Peak	

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

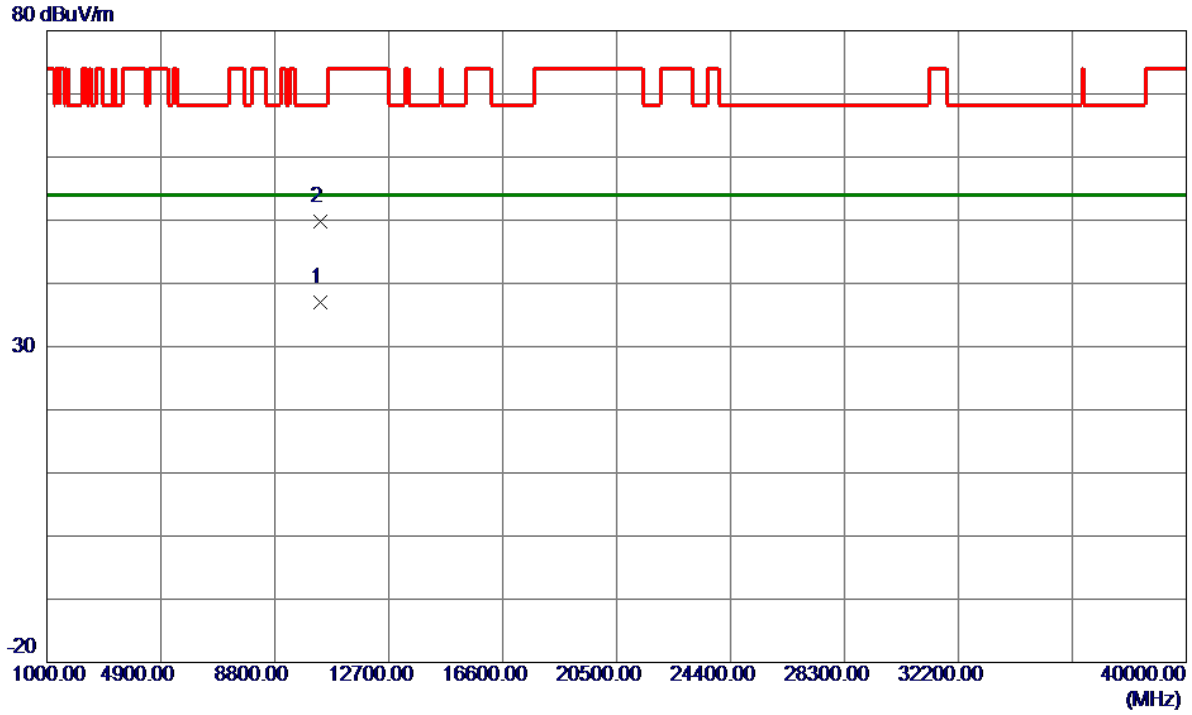
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.60	17.90	55.50	74.00	-18.50	Peak	
2	5150.0000	29.03	17.90	46.93	54.00	-7.07	AVG	
3	5189.0000	69.47	18.05	87.52	999.00	-911.48	AVG	No Limit
4 *	5202.6000	77.86	18.11	95.97	68.20	27.77	Peak	No Limit

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

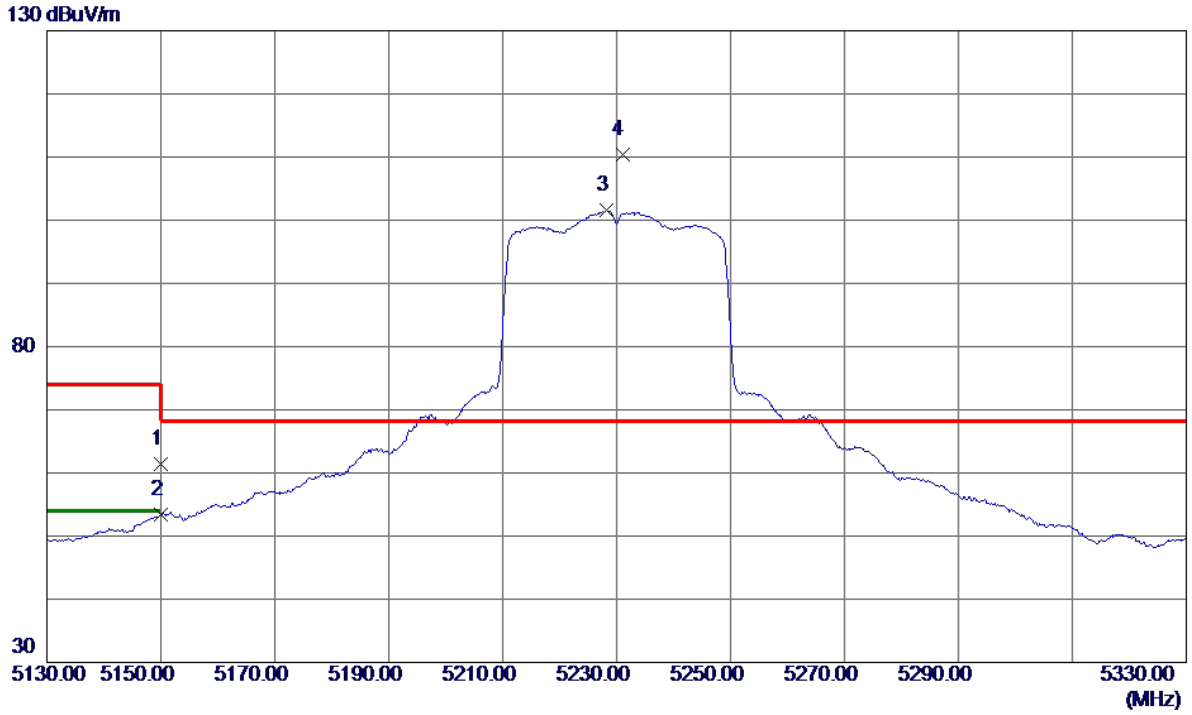
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10379.7800	21.38	15.61	36.99	54.00	-17.01	AVG	
2	10380.2200	34.16	15.61	49.77	68.30	-18.53	Peak	

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

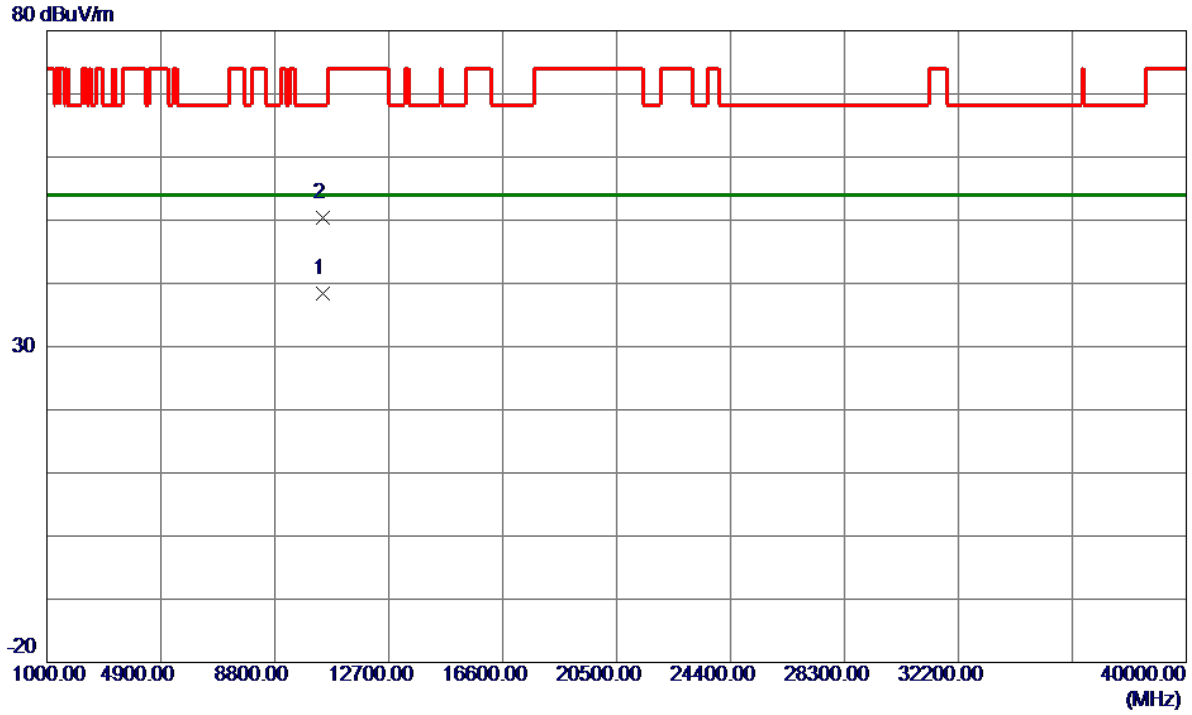
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	43.50	17.90	61.40	74.00	-12.60	Peak	
2	5150.0000	35.46	17.90	53.36	54.00	-0.64	AVG	
3	5228.2000	83.33	18.20	101.53	999.00	-897.47	AVG	No Limit
4 *	5231.0000	92.11	18.22	110.33	68.20	42.13	Peak	No Limit

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

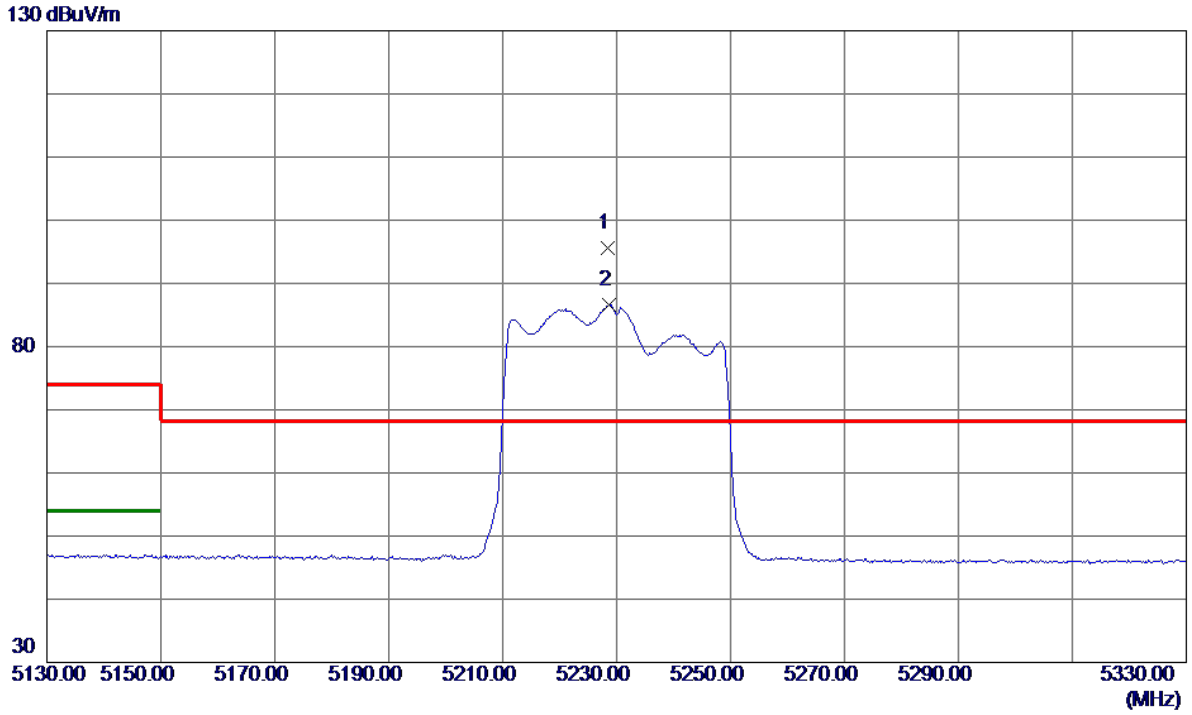
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10459.3200	22.61	15.72	38.33	54.00	-15.67	AVG	
2	10459.7600	34.63	15.72	50.35	68.30	-17.95	Peak	

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

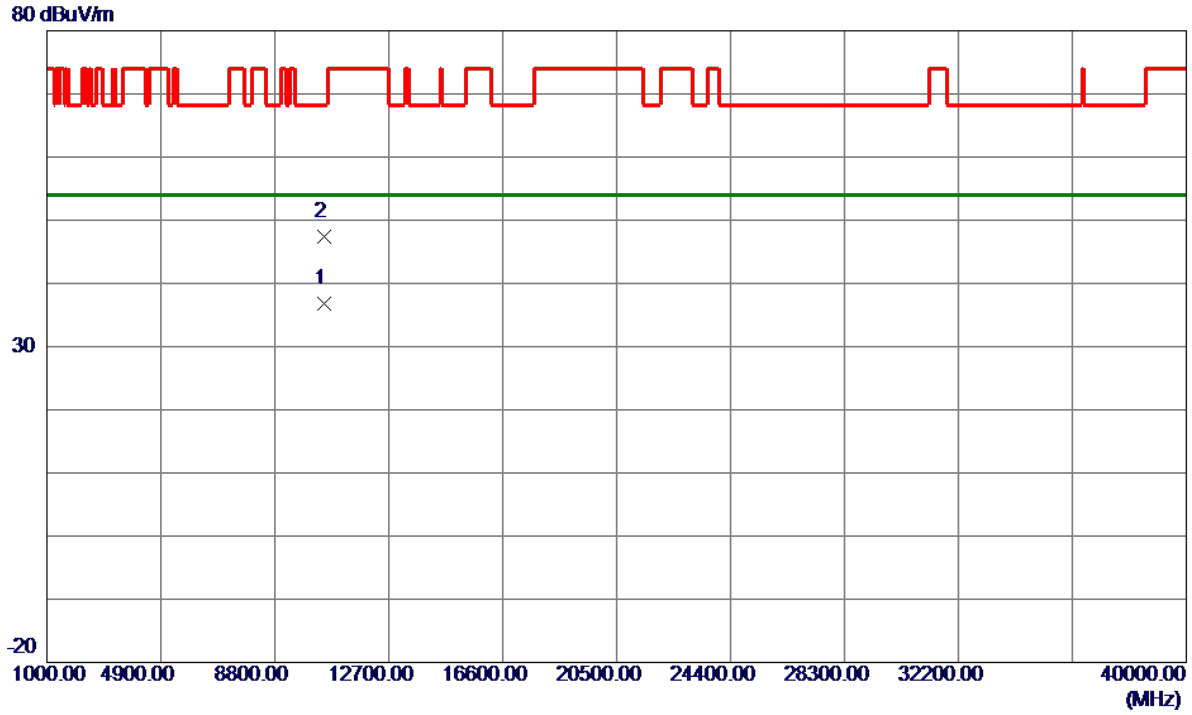
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5228.4000	77.35	18.21	95.56	68.20	27.36	Peak	No Limit
2	5228.6000	68.37	18.21	86.58	999.00	-912.42	AVG	No Limit

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

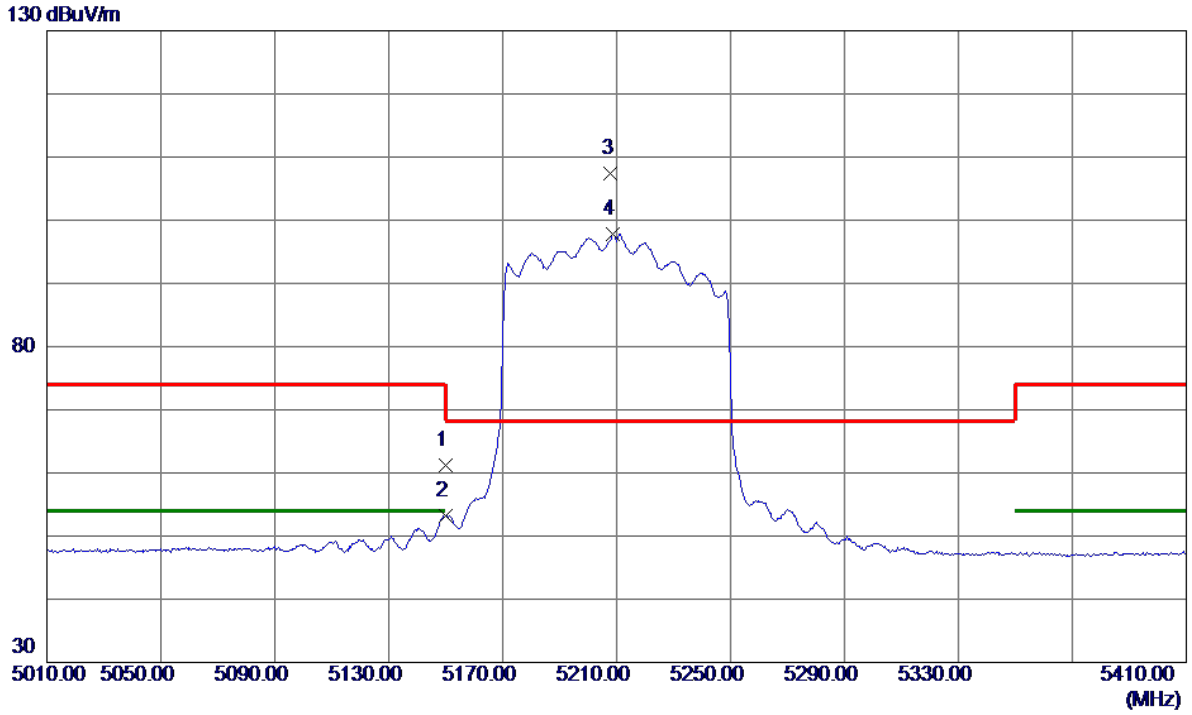
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10468.4200	21.12	15.73	36.85	54.00	-17.15	AVG	
2	10468.6400	31.73	15.73	47.46	68.30	-20.84	Peak	

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

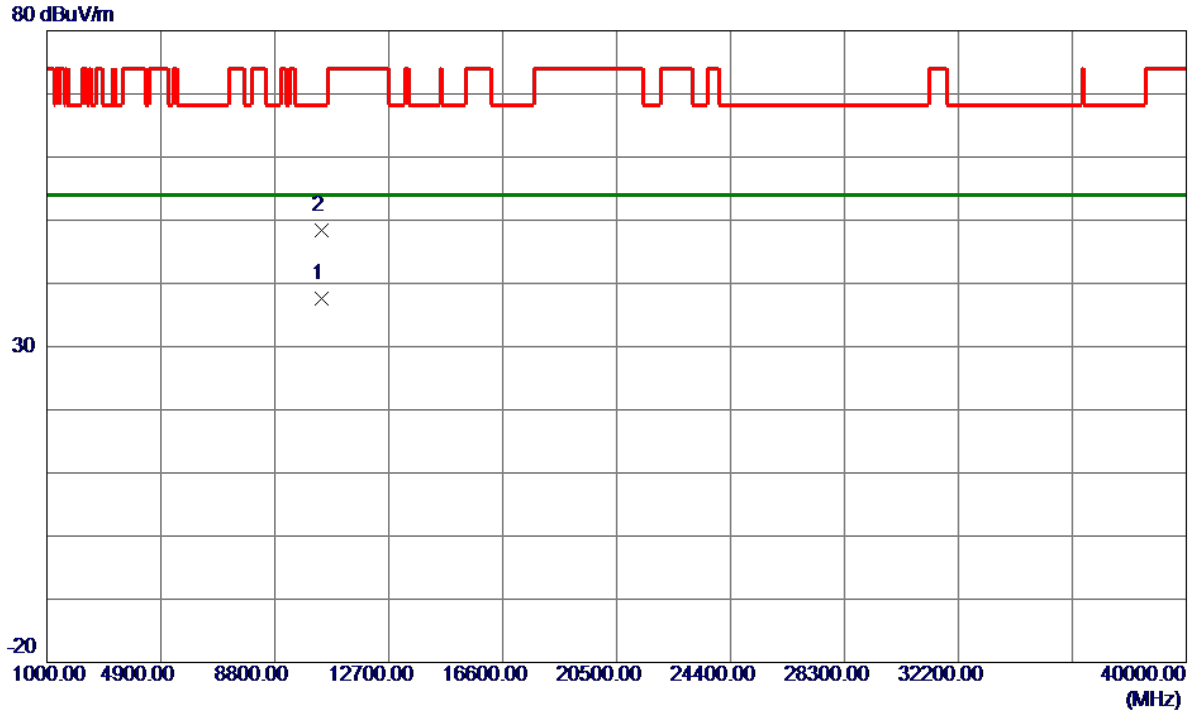
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	43.21	17.90	61.11	74.00	-12.89	Peak	
2	5150.0000	35.34	17.90	53.24	54.00	-0.76	AVG	
3 *	5208.0000	89.33	18.13	107.46	68.20	39.26	Peak	No Limit
4	5208.8000	79.69	18.13	97.82	999.00	-901.18	AVG	No Limit

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

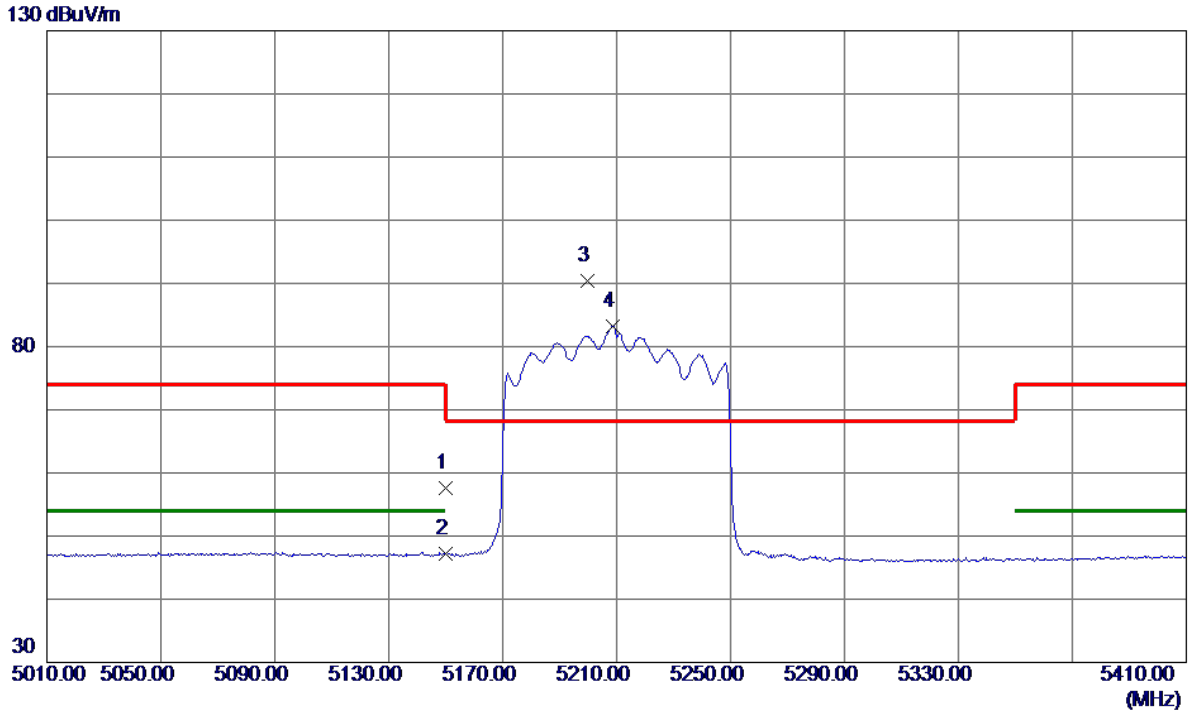
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10419.9000	21.88	15.66	37.54	54.00	-16.46	AVG	
2	10421.9000	32.66	15.67	48.33	68.30	-19.97	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	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	39.66	17.90	57.56	74.00	-16.44	Peak	
2	5150.0000	29.28	17.90	47.18	54.00	-6.82	AVG	
3 *	5199.6000	72.37	18.09	90.46	68.20	22.26	Peak	No Limit
4	5208.8000	65.13	18.13	83.26	999.00	-915.74	AVG	No Limit

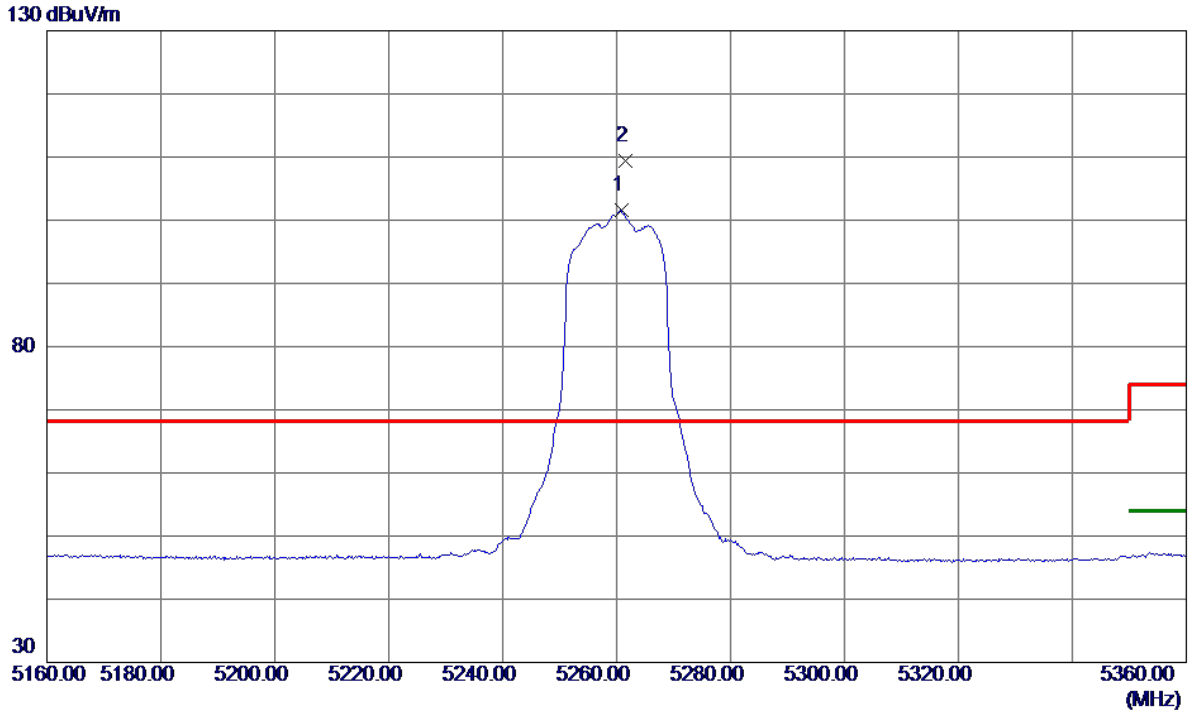
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.3000	21.73	15.66	37.39	54.00	-16.61	AVG	
2	10428.9000	32.27	15.67	47.94	68.30	-20.36	Peak	

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

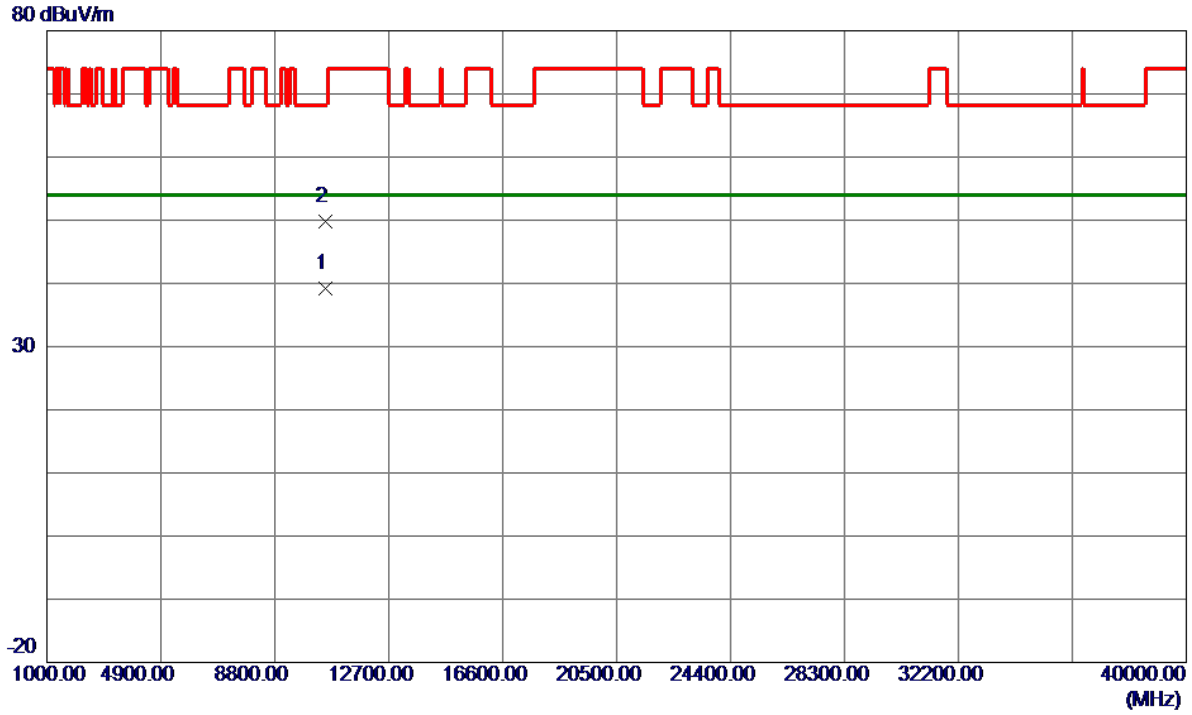
Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5260.8000	83.31	18.33	101.64	999.00	-897.36	AVG	No Limit
2 *	5261.6000	91.12	18.33	109.45	68.20	41.25	Peak	No Limit

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

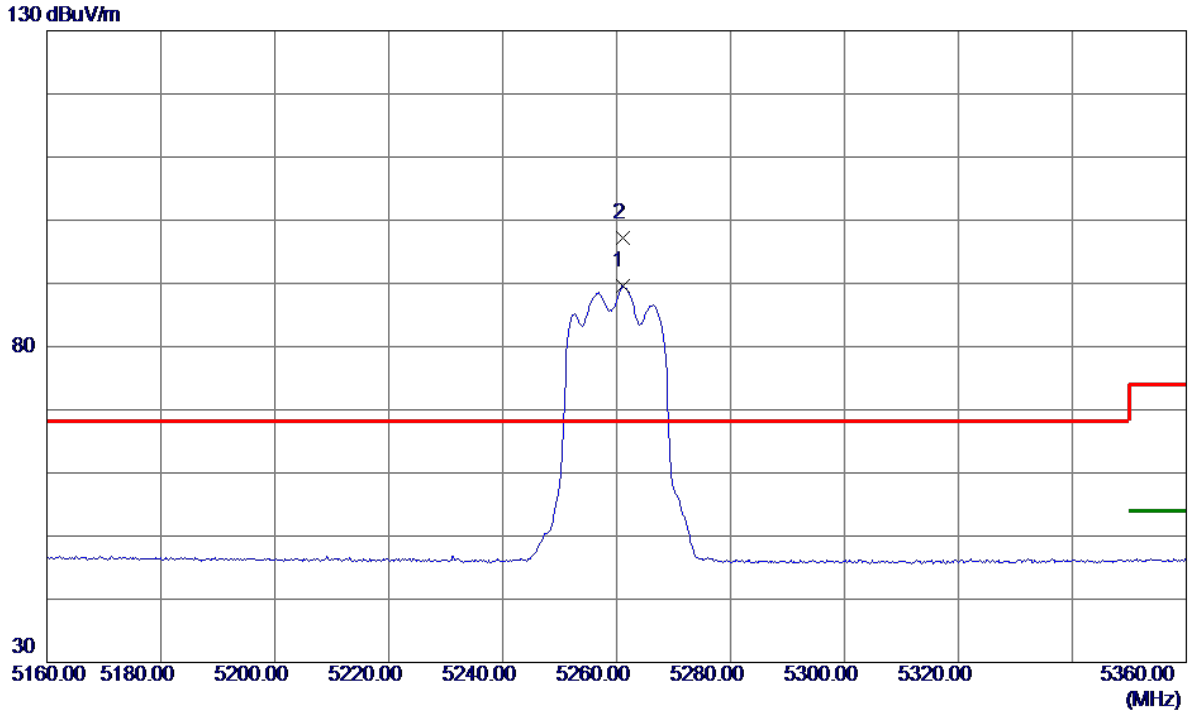
Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.8600	23.51	15.78	39.29	54.00	-14.71	AVG	
2	10523.2800	34.05	15.78	49.83	68.30	-18.47	Peak	

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

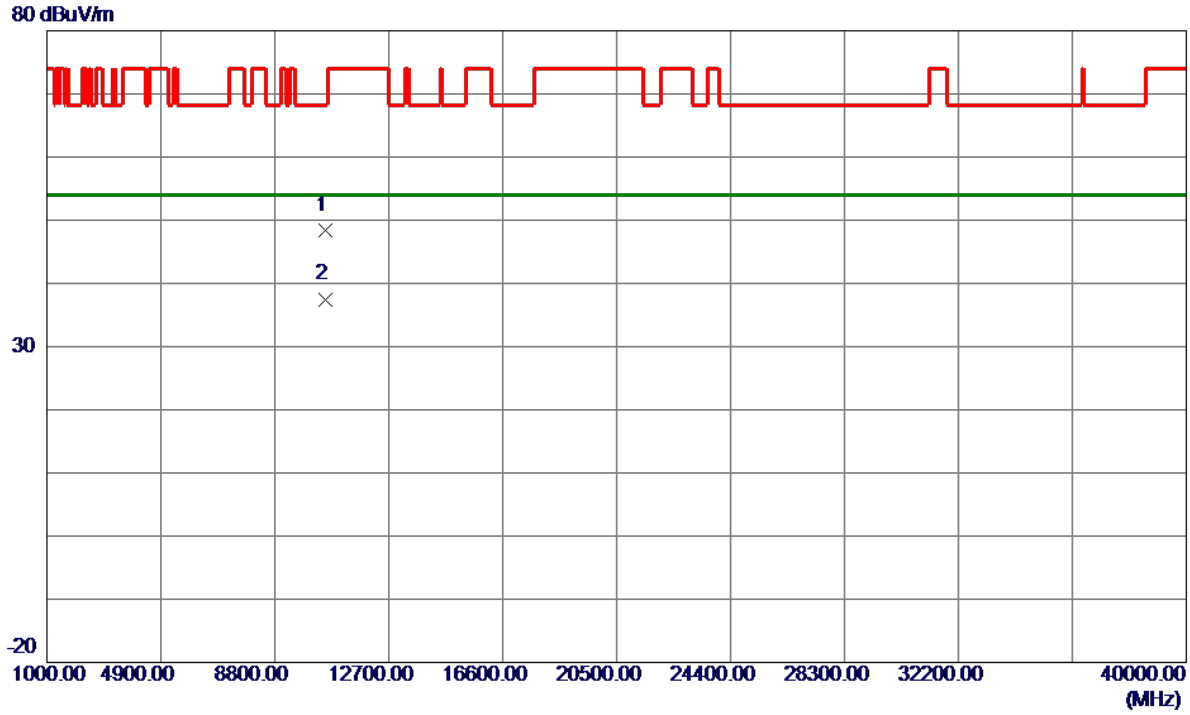
Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5261.0000	71.24	18.33	89.57	999.00	-909.43	AVG	No Limit
2 *	5261.2000	78.87	18.33	97.20	68.20	29.00	Peak	No Limit

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

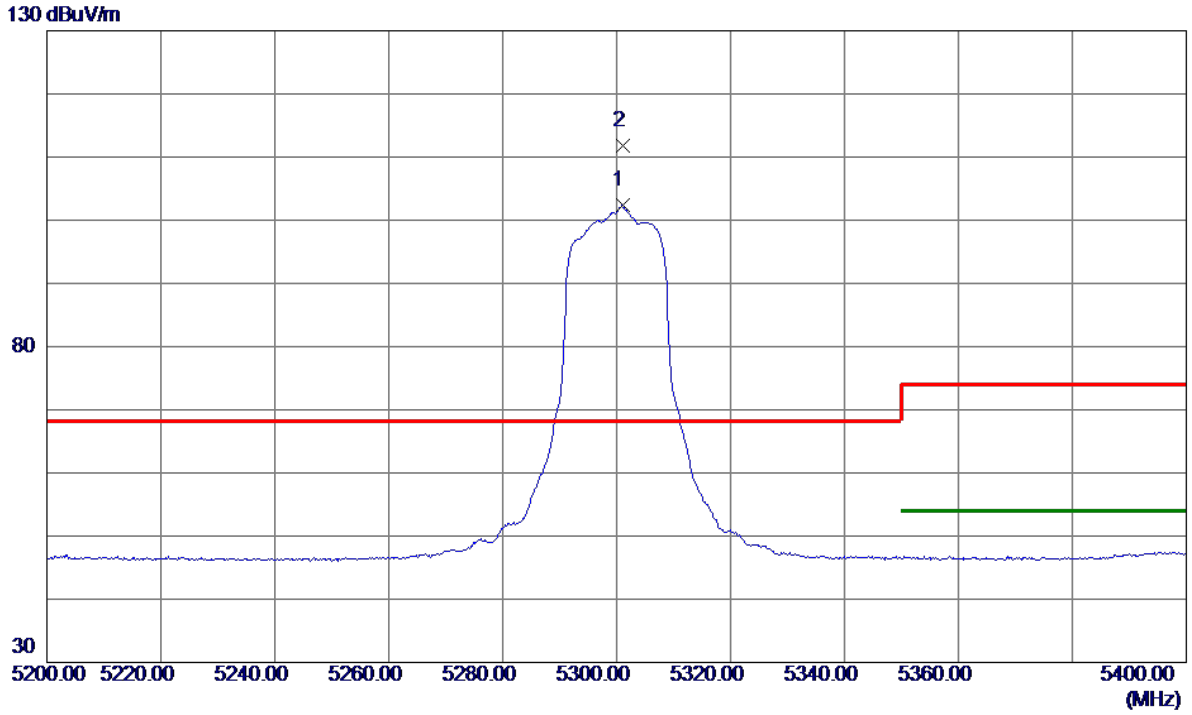
Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10513.5800	32.67	15.78	48.45	68.30	-19.85	Peak	
2 *	10519.9200	21.72	15.78	37.50	54.00	-16.50	AVG	

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

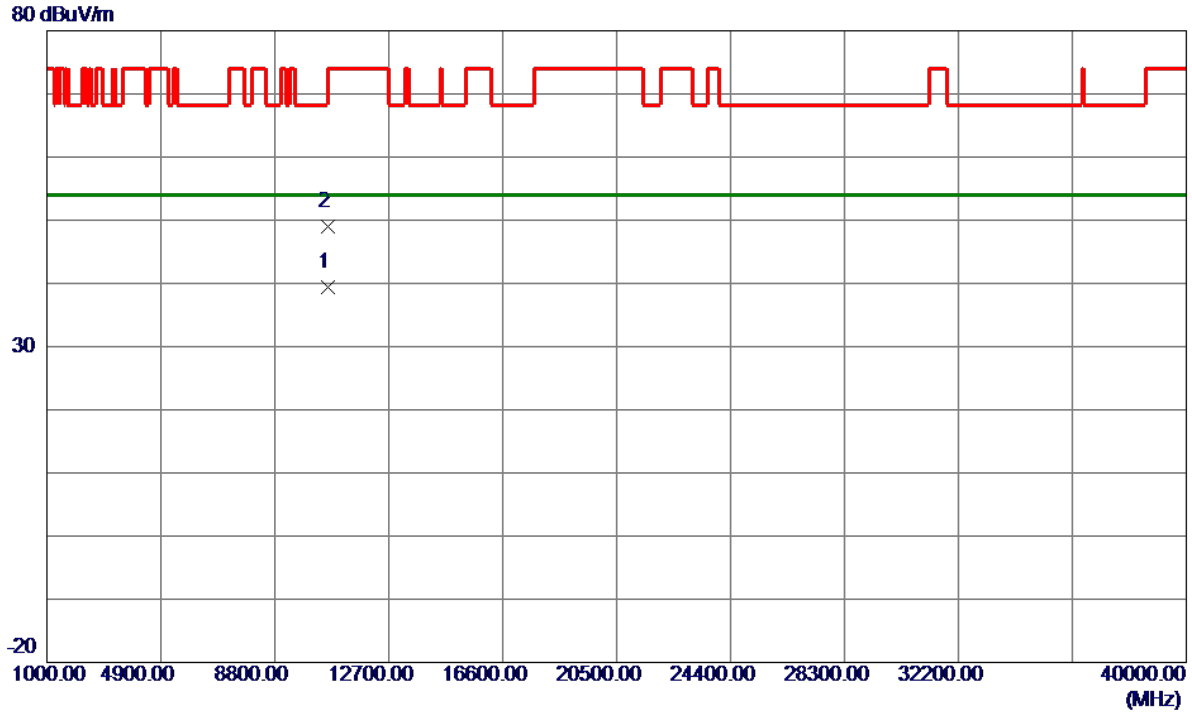
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5301.0000	83.92	18.49	102.41	999.00	-896.59	AVG	No Limit
2 *	5301.2000	93.24	18.49	111.73	68.20	43.53	Peak	No Limit

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

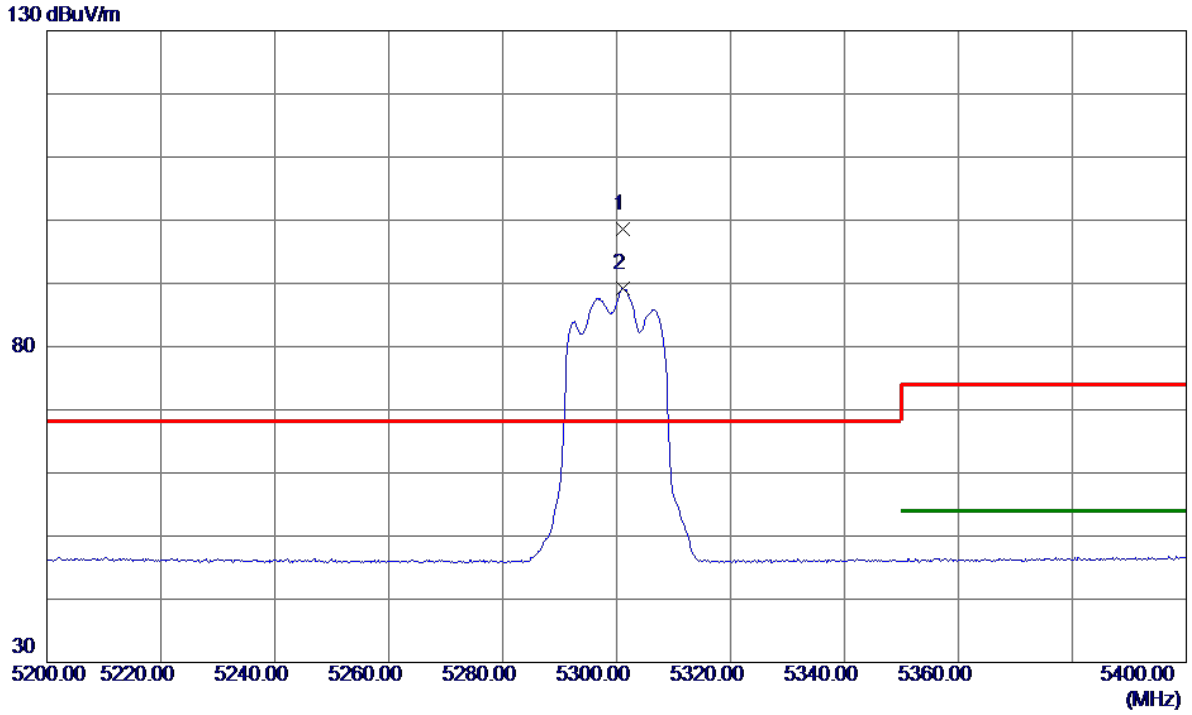
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10600.1600	23.58	15.83	39.41	54.00	-14.59	AVG	
2	10600.4000	33.20	15.83	49.03	74.00	-24.97	Peak	

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

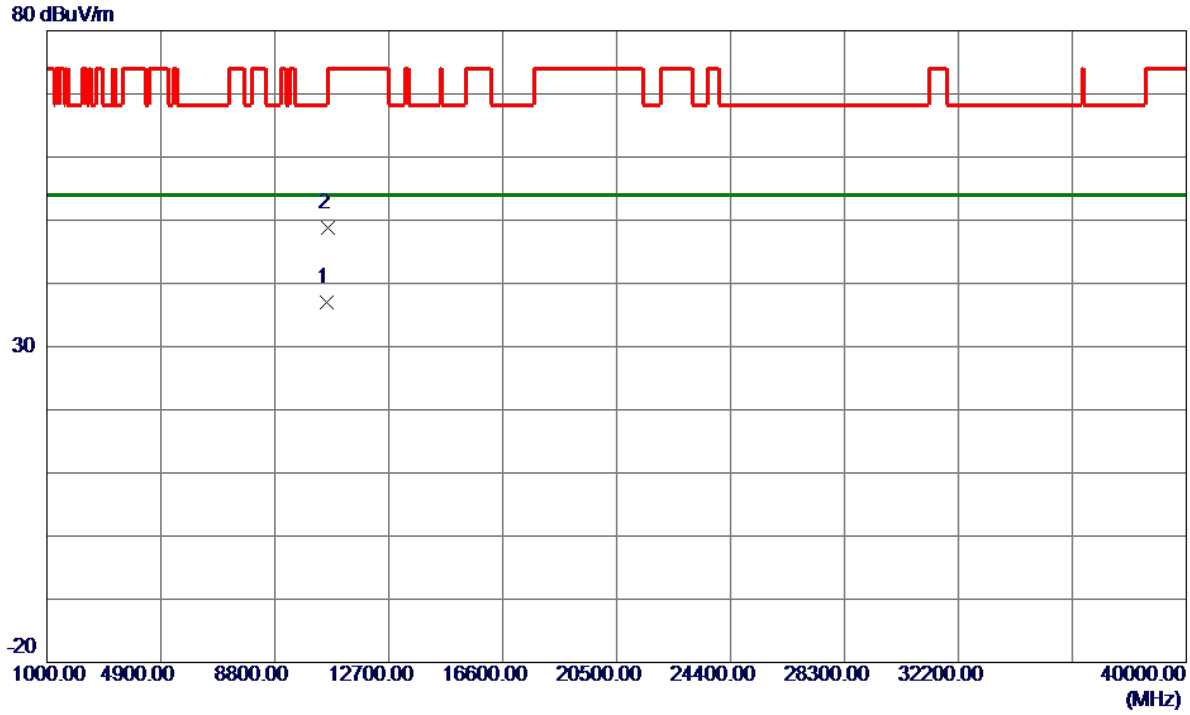
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5301.2000	80.15	18.49	98.64	68.20	30.44	Peak	No Limit
2	5301.2000	70.75	18.49	89.24	999.00	-909.76	AVG	No Limit

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

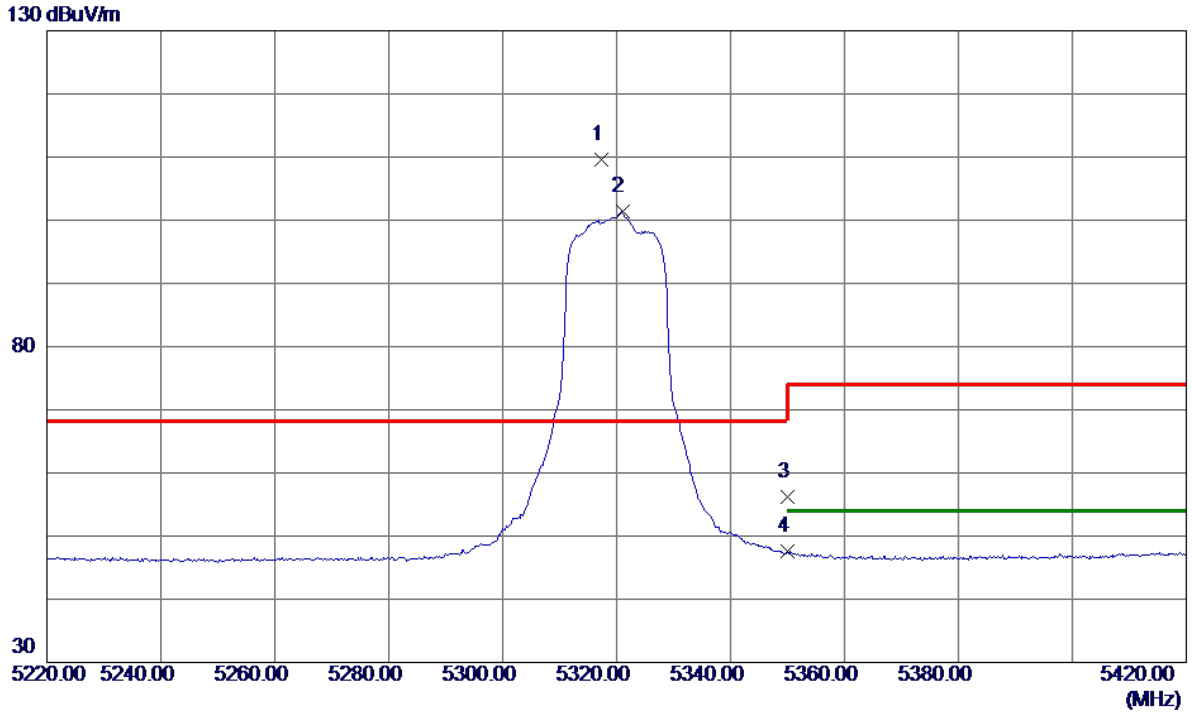
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10596.5599	21.16	15.83	36.99	54.00	-17.01	AVG	
2	10609.6400	32.90	15.84	48.74	74.00	-25.26	Peak	

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

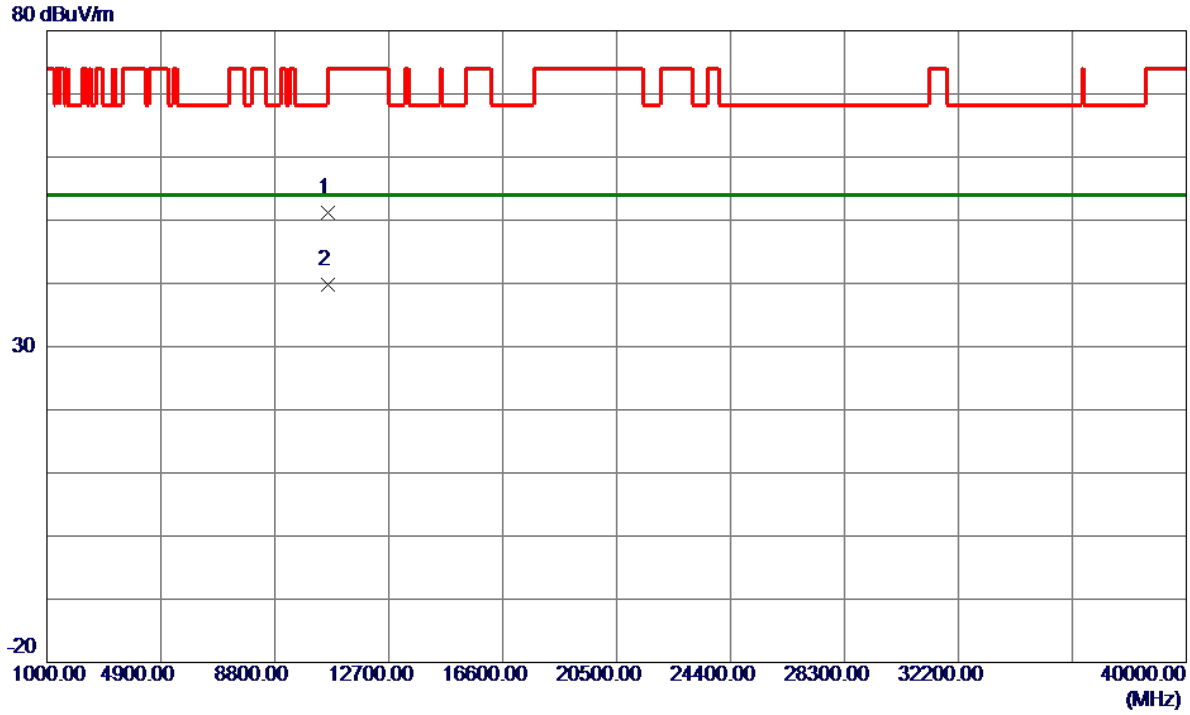
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5317.4000	91.00	18.55	109.55	68.20	41.35	Peak	No Limit
2	5321.0000	82.81	18.56	101.37	999.00	-897.63	AVG	No Limit
3	5350.0000	37.55	18.67	56.22	74.00	-17.78	Peak	
4	5350.0000	28.92	18.67	47.59	54.00	-6.41	AVG	

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

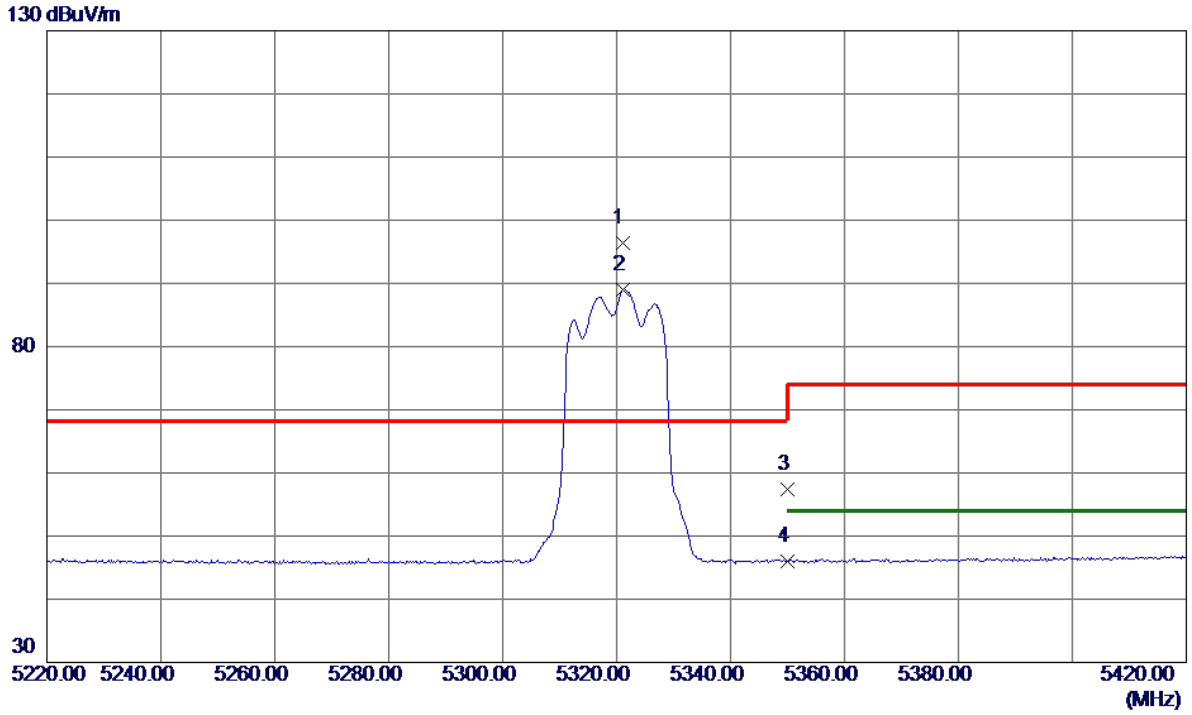
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10639.9400	35.43	15.86	51.29	74.00	-22.71	Peak	
2 *	10640.1000	23.94	15.86	39.80	54.00	-14.20	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	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5321.0000	77.80	18.56	96.36	68.20	28.16	Peak	No Limit
2	5321.2000	70.53	18.56	89.09	999.00	-909.91	AVG	No Limit
3	5350.0000	38.79	18.67	57.46	74.00	-16.54	Peak	
4	5350.0000	27.29	18.67	45.96	54.00	-8.04	AVG	

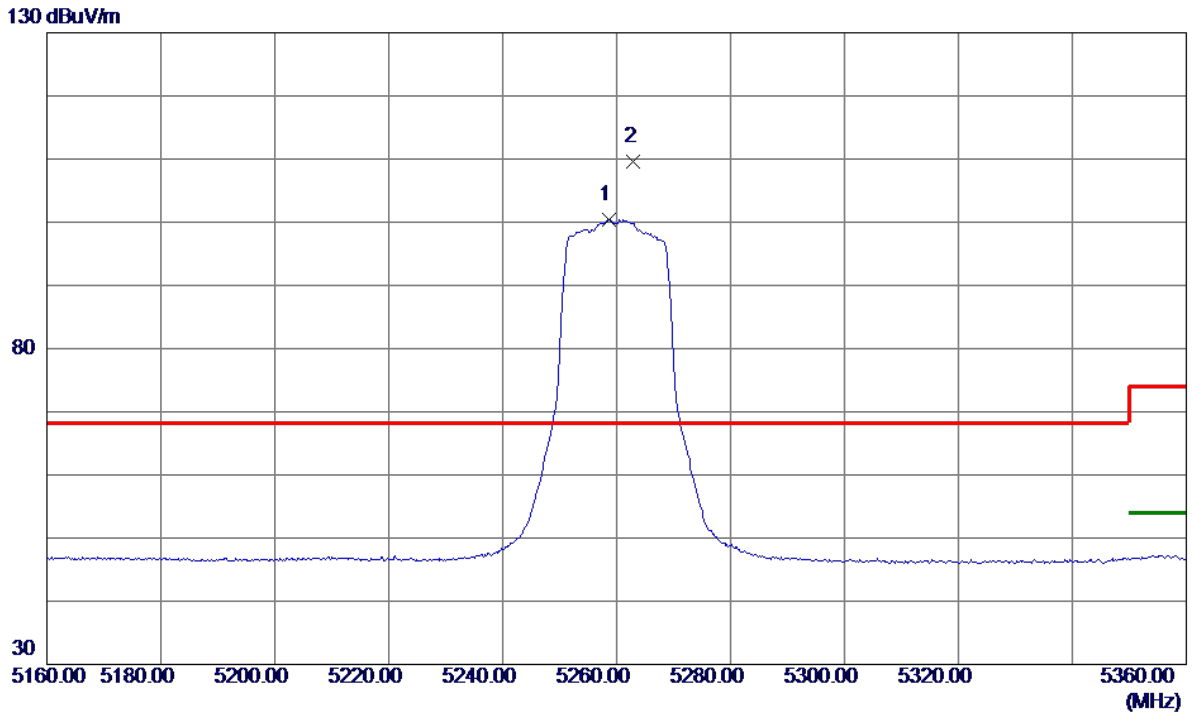
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10639.8200	21.50	15.86	37.36	54.00	-16.64	AVG	
2	10645.4600	31.88	15.86	47.74	74.00	-26.26	Peak	

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

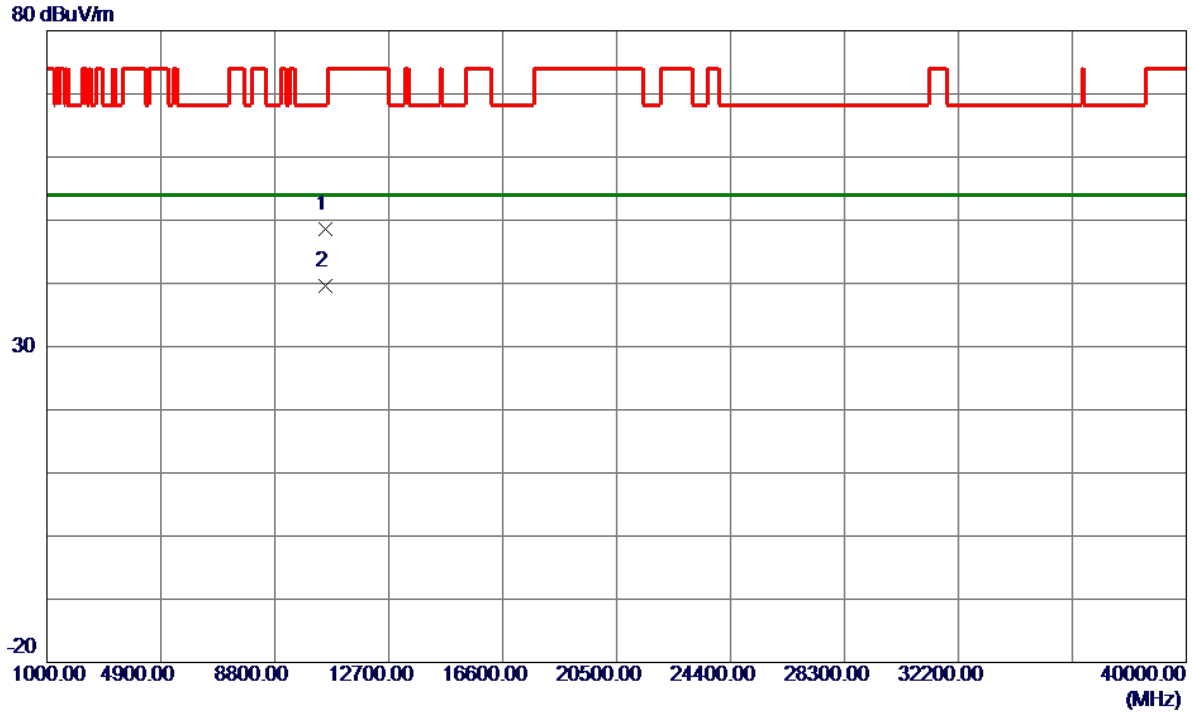
Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5258.6000	82.17	18.32	100.49	999.00	-898.51	AVG	No Limit
2 *	5263.0000	91.29	18.34	109.63	68.20	41.43	Peak	No Limit

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

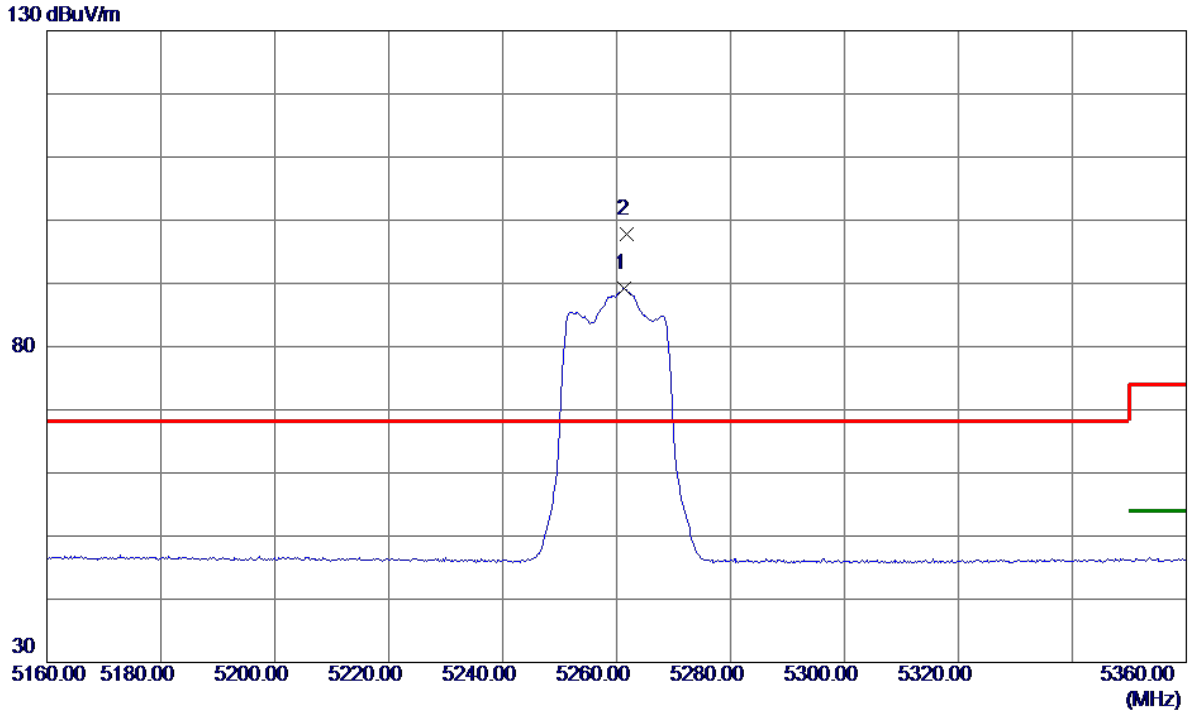
Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10517.6800	32.78	15.78	48.56	68.30	-19.74	Peak	
2 *	10519.7600	23.78	15.78	39.56	54.00	-14.44	AVG	

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

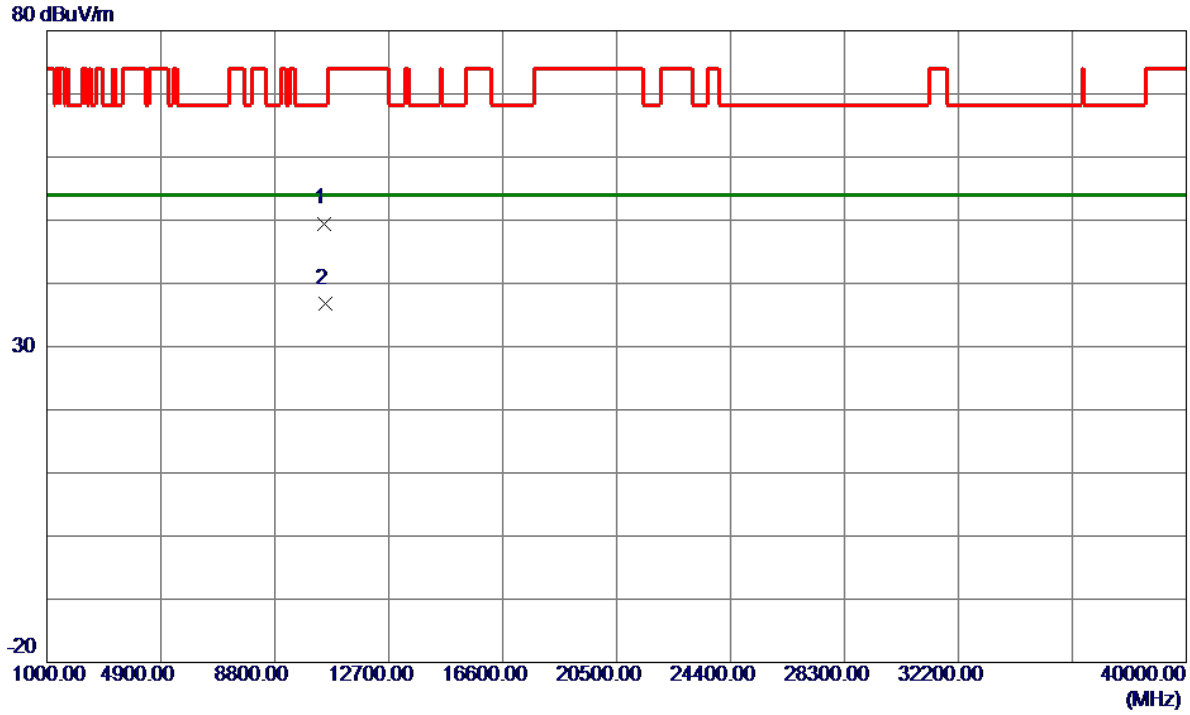
Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5261.4000	70.86	18.33	89.19	999.00	-909.81	AVG	No Limit
2 *	5261.8000	79.52	18.33	97.85	68.20	29.65	Peak	No Limit

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

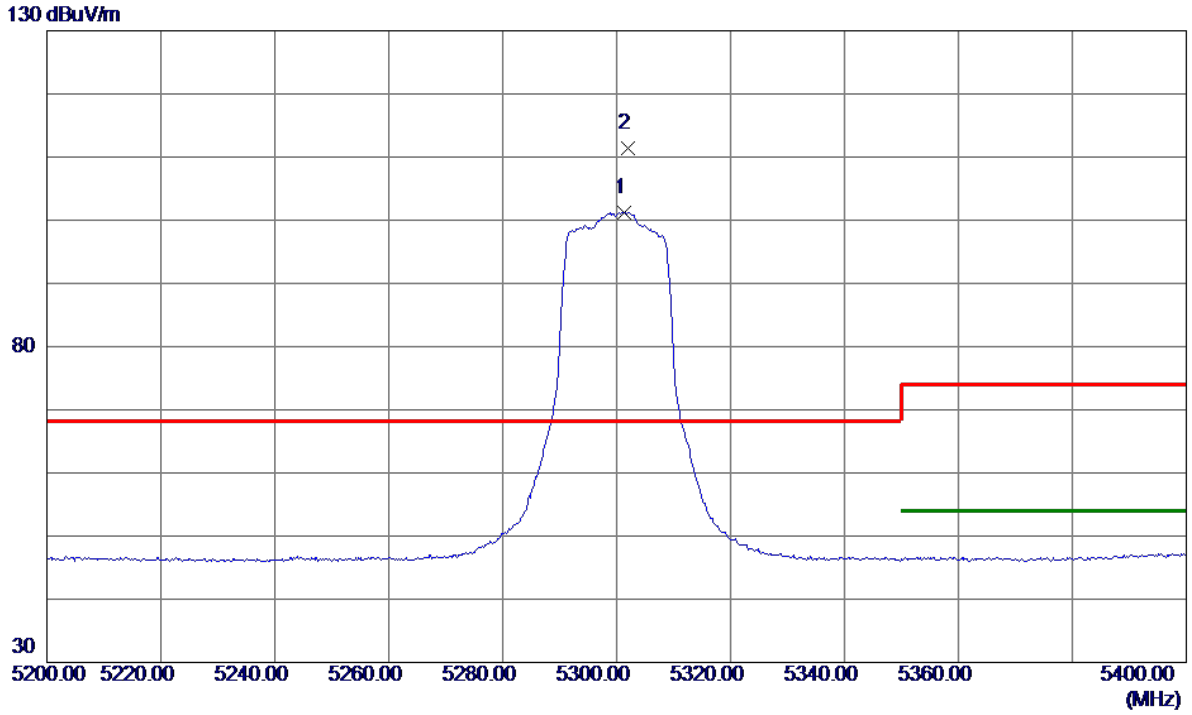
Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10511.3200	33.72	15.78	49.50	68.30	-18.80	Peak	
2 *	10520.0400	20.96	15.78	36.74	54.00	-17.26	AVG	

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

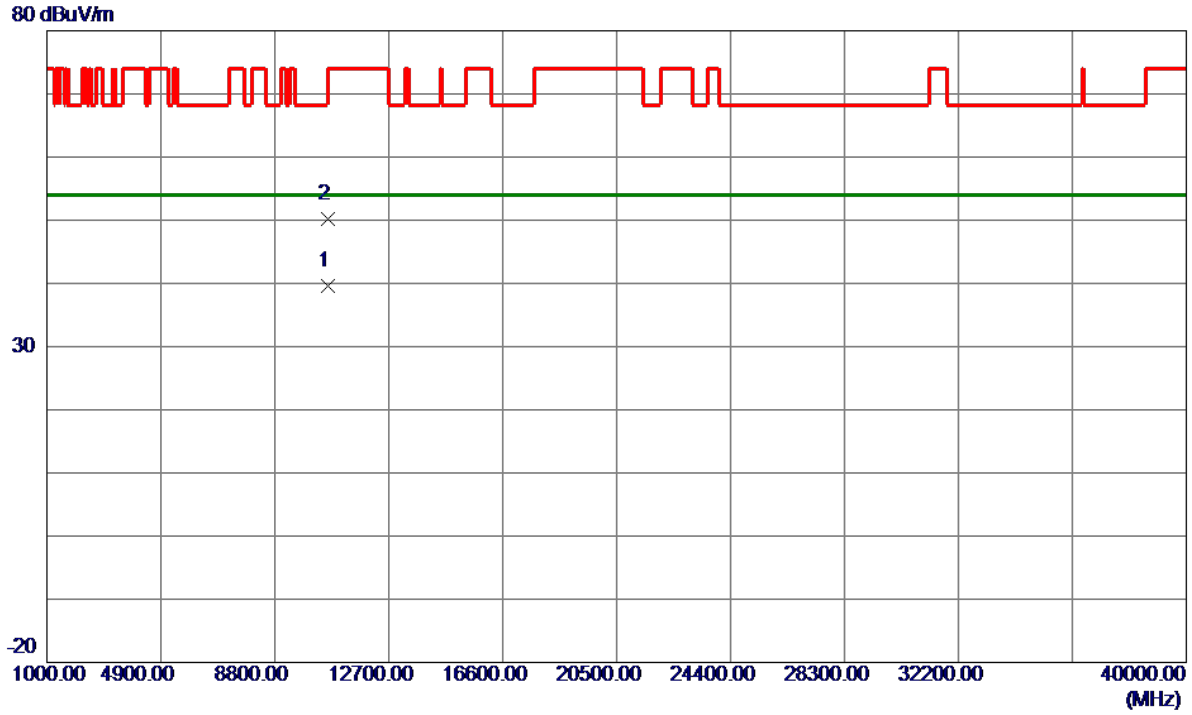
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5301.4000	82.79	18.49	101.28	999.00	-897.72	AVG	No Limit
2 *	5302.0000	92.91	18.49	111.40	68.20	43.20	Peak	No Limit

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

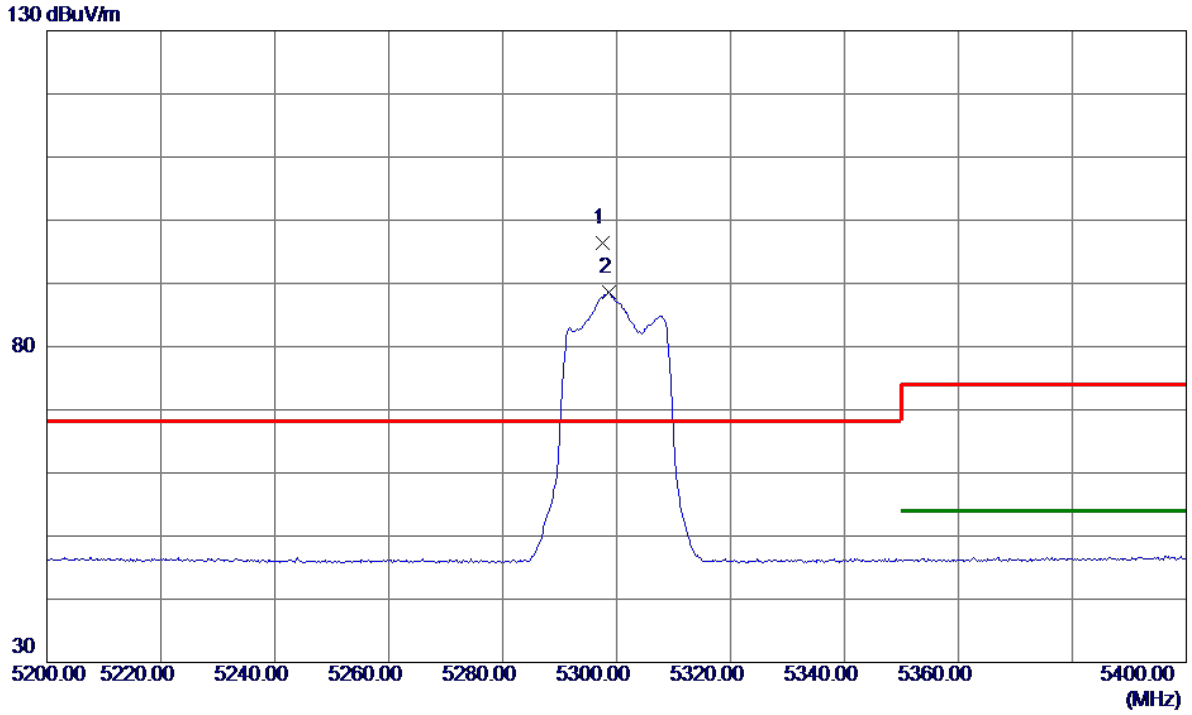
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.8000	23.68	15.83	39.51	54.00	-14.49	AVG	
2	10604.9800	34.35	15.84	50.19	74.00	-23.81	Peak	

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

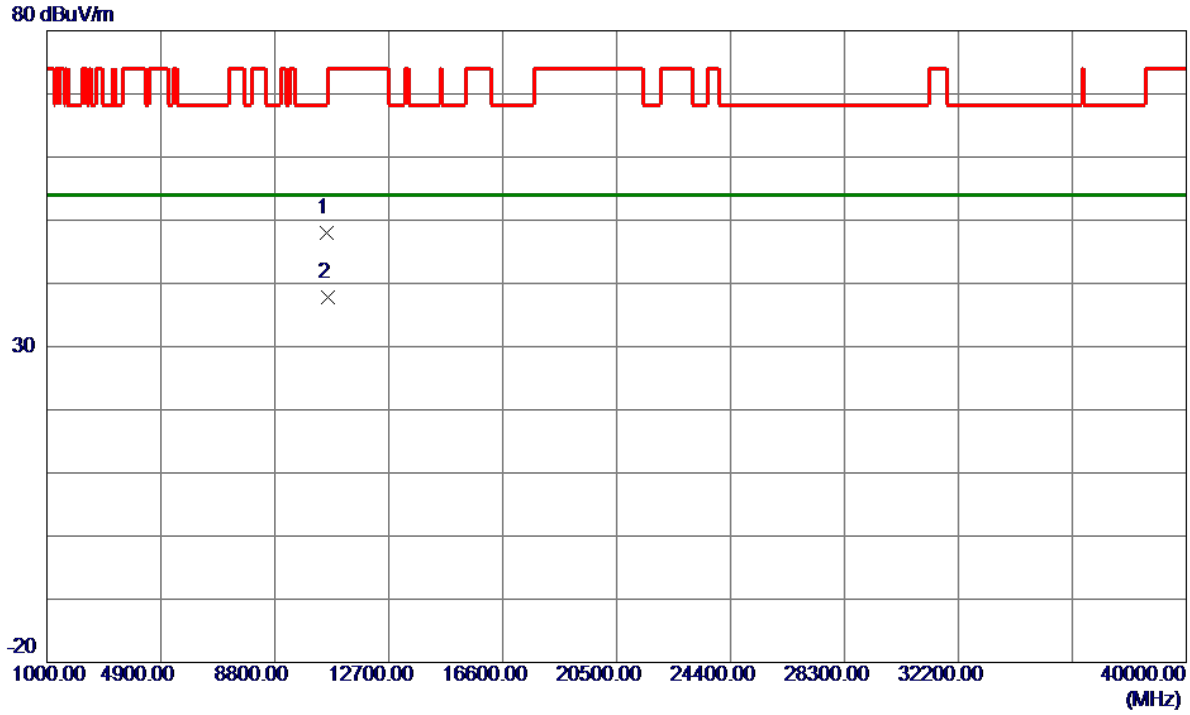
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5297.6000	77.93	18.47	96.40	68.20	28.20	Peak	No Limit
2	5298.6000	70.20	18.48	88.68	999.00	-910.32	AVG	No Limit

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

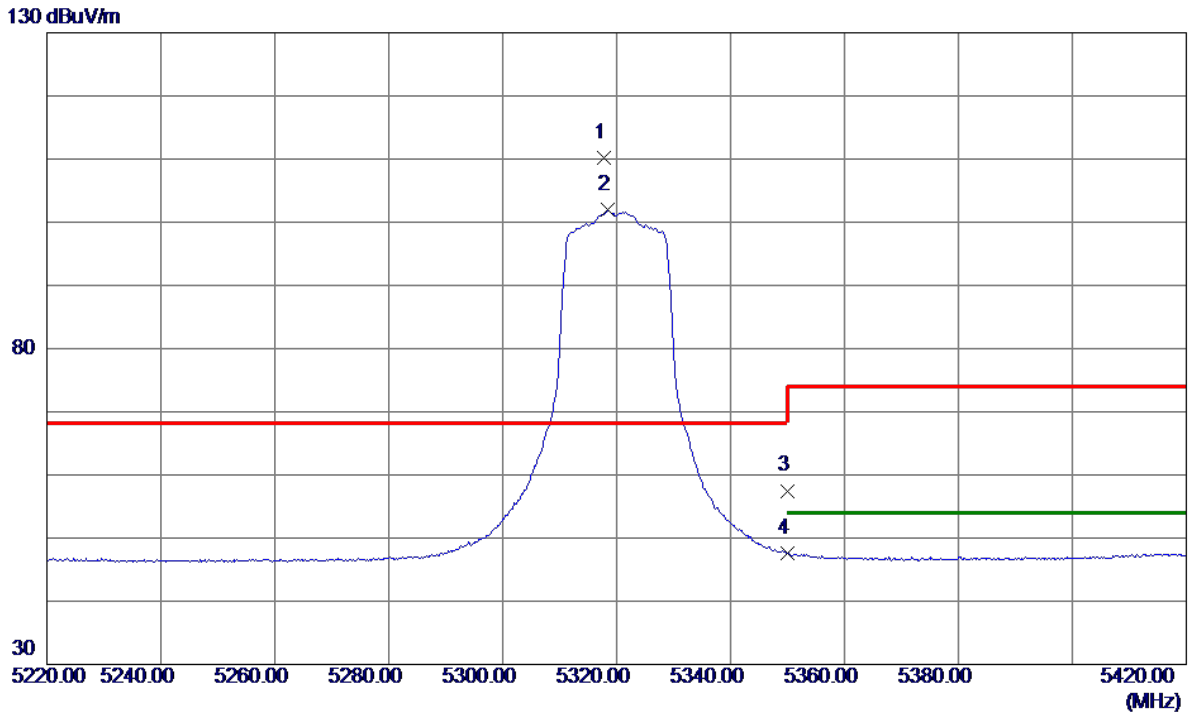
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10595.8200	32.20	15.83	48.03	68.30	-20.27	Peak	
2 *	10599.7800	21.89	15.83	37.72	54.00	-16.28	AVG	

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

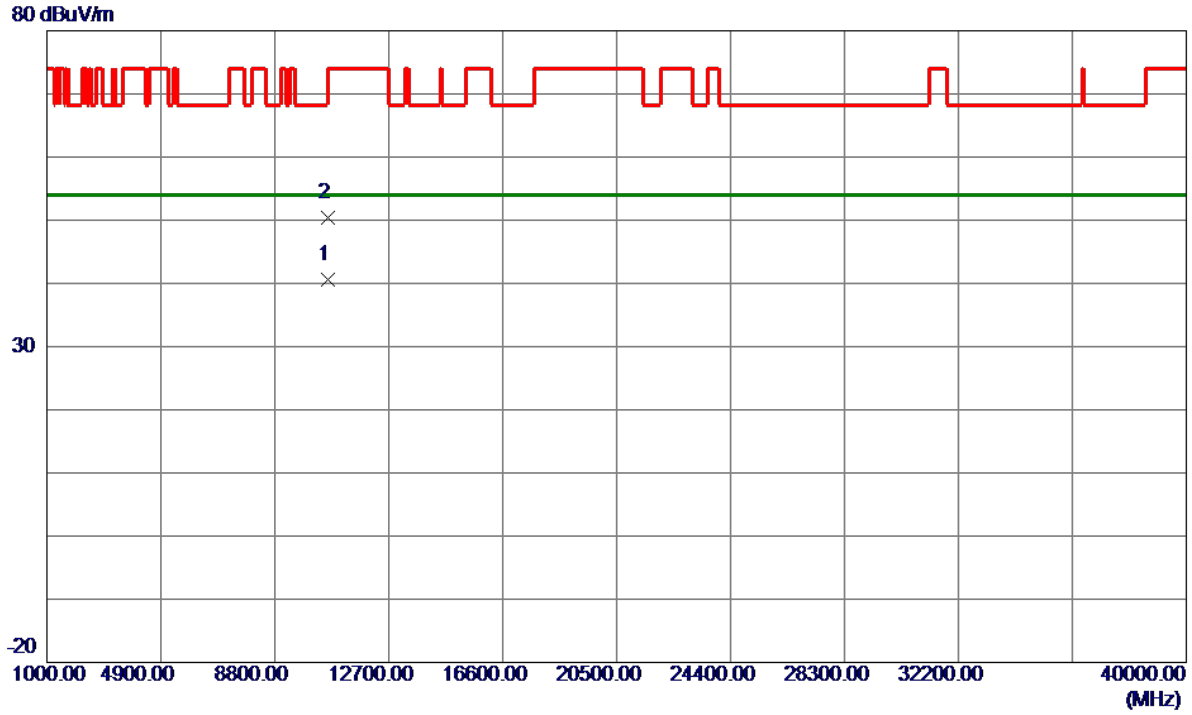
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5317.8000	91.60	18.55	110.15	68.20	41.95	Peak	No Limit
2	5318.4000	83.41	18.55	101.96	999.00	-897.04	AVG	No Limit
3	5350.0000	38.83	18.67	57.50	74.00	-16.50	Peak	
4	5350.0000	28.93	18.67	47.60	54.00	-6.40	AVG	

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

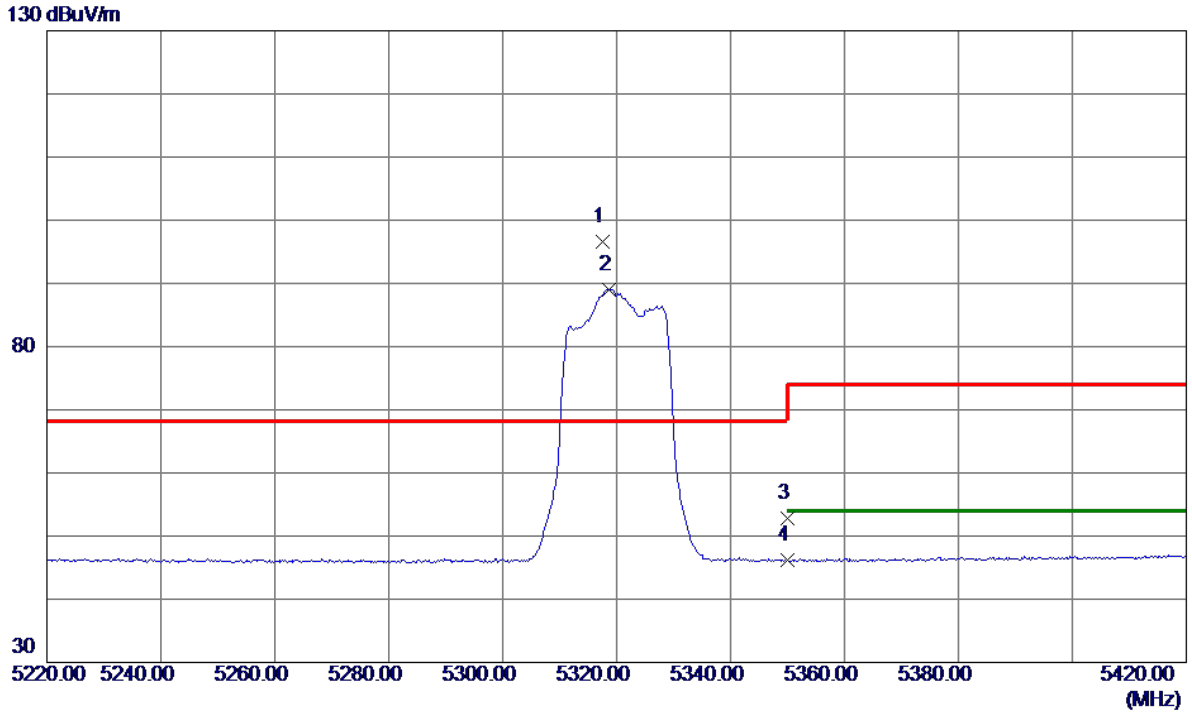
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10639.6600	24.71	15.86	40.57	54.00	-13.43	AVG	
2	10639.6800	34.49	15.86	50.35	74.00	-23.65	Peak	

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

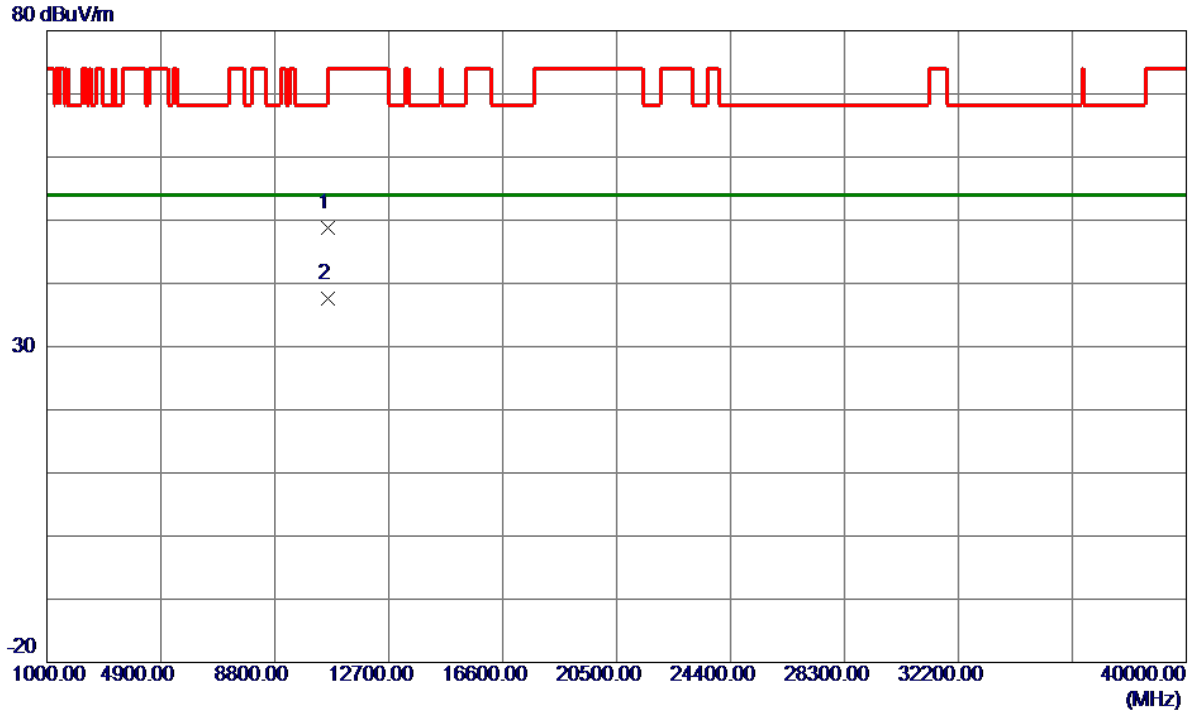
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5317.6000	78.03	18.55	96.58	68.20	28.38	Peak	No Limit
2	5318.6000	70.50	18.55	89.05	999.00	-909.95	AVG	No Limit
3	5350.0000	34.16	18.67	52.83	74.00	-21.17	Peak	
4	5350.0000	27.48	18.67	46.15	54.00	-7.85	AVG	

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

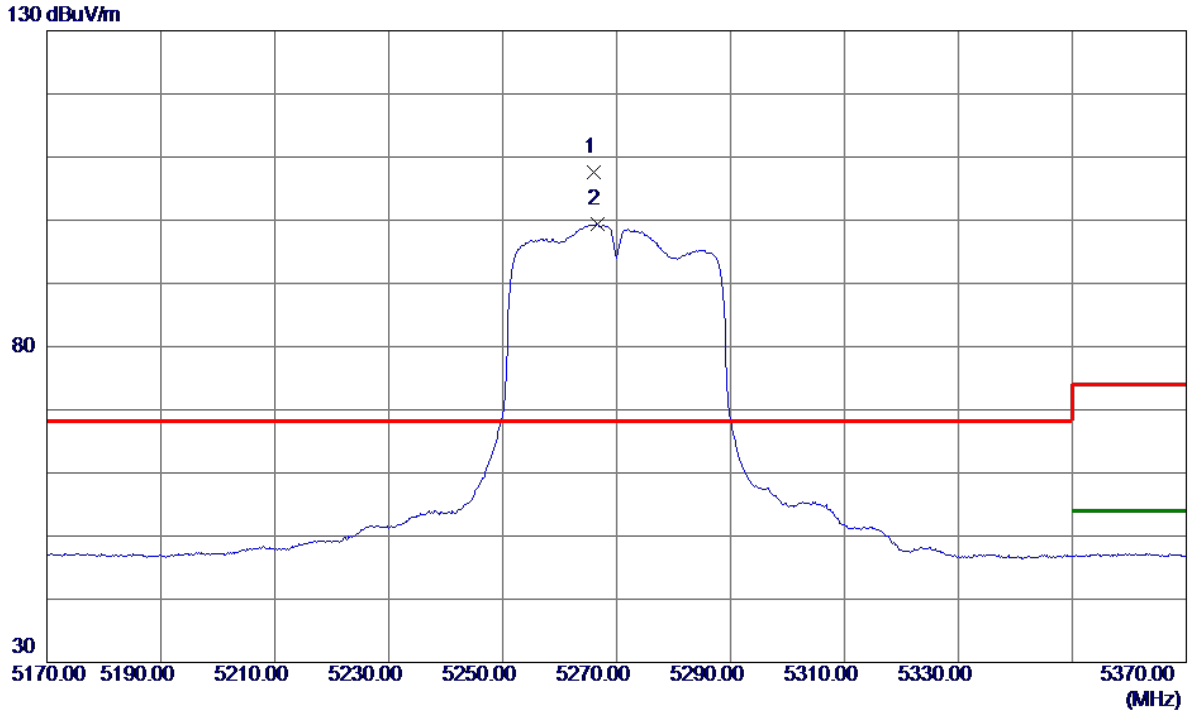
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10639.6000	32.89	15.86	48.75	74.00	-25.25	Peak	
2 *	10639.9200	21.73	15.86	37.59	54.00	-16.41	AVG	

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

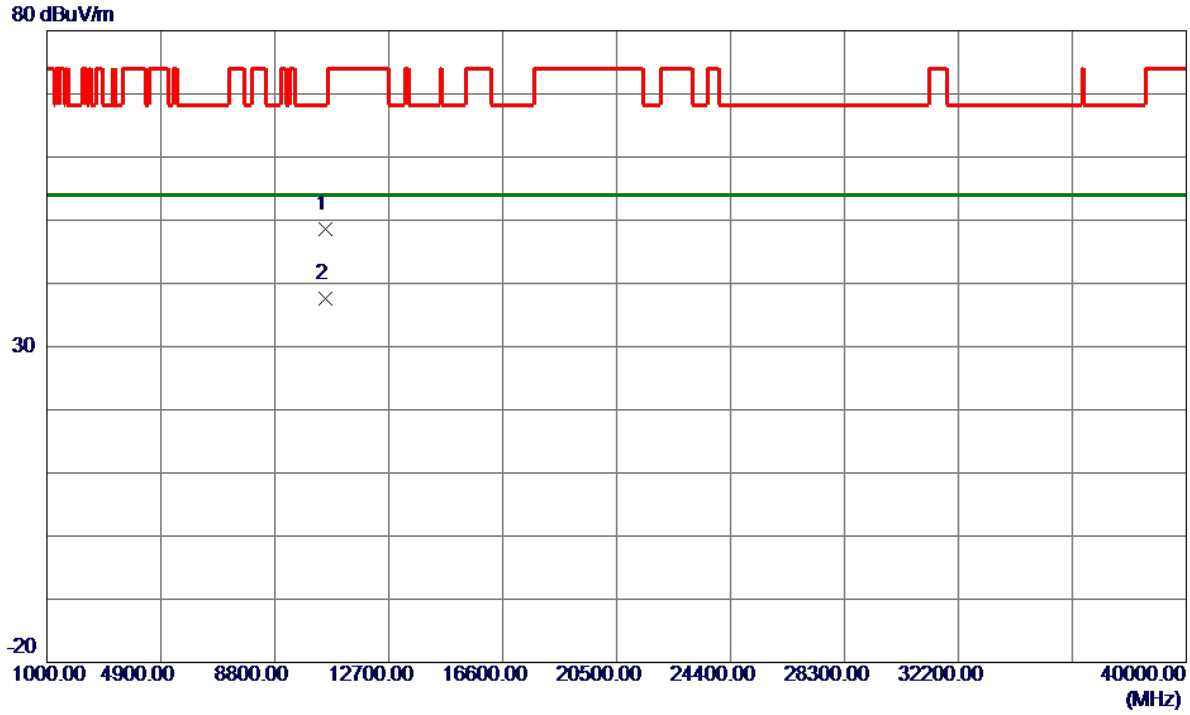
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5266.0000	89.17	18.35	107.52	68.20	39.32	Peak	No Limit
2	5266.6000	81.06	18.35	99.41	999.00	-899.59	AVG	No Limit

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

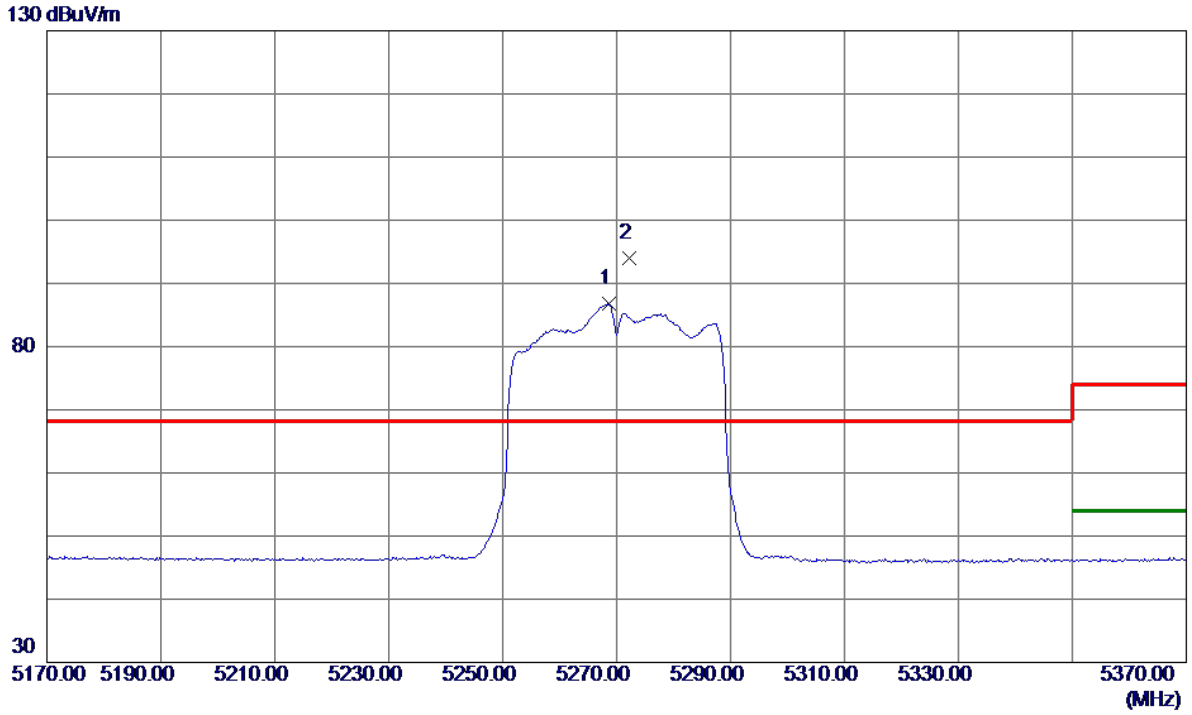
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10533.7200	32.82	15.79	48.61	68.30	-19.69	Peak	
2 *	10540.2600	21.86	15.80	37.66	54.00	-16.34	AVG	

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

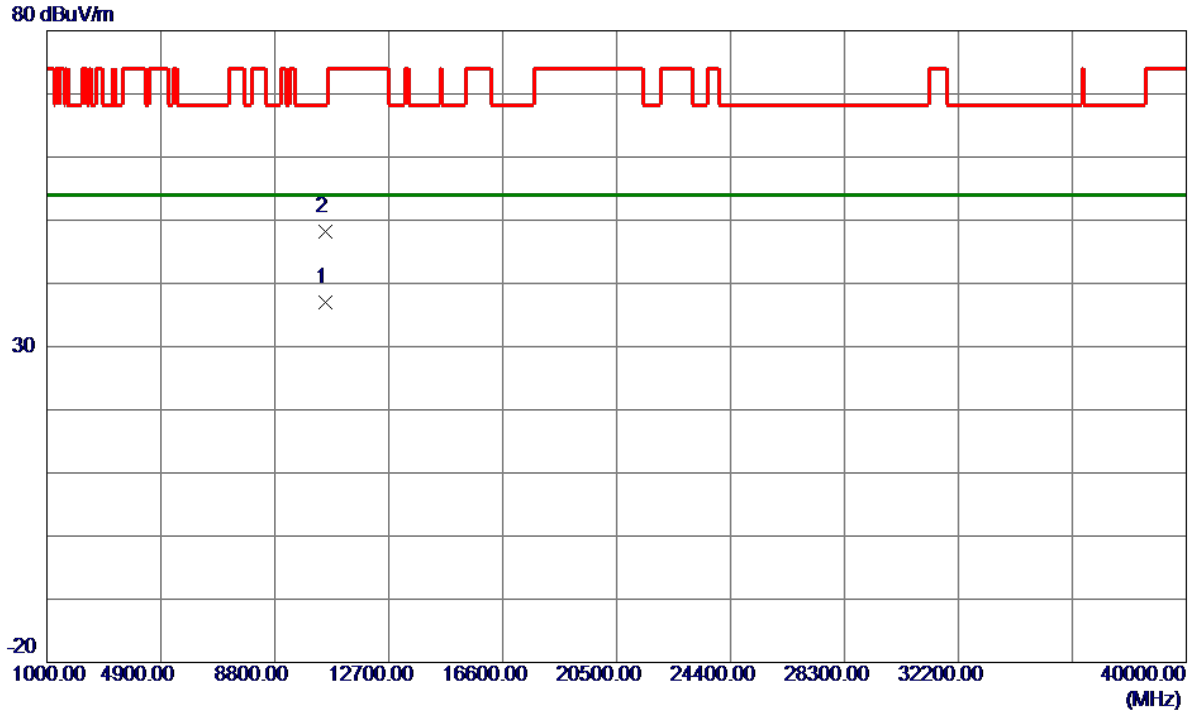
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5268.6000	68.43	18.36	86.79	999.00	-912.21	AVG	No Limit
2 *	5272.2000	75.64	18.37	94.01	68.20	25.81	Peak	No Limit

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

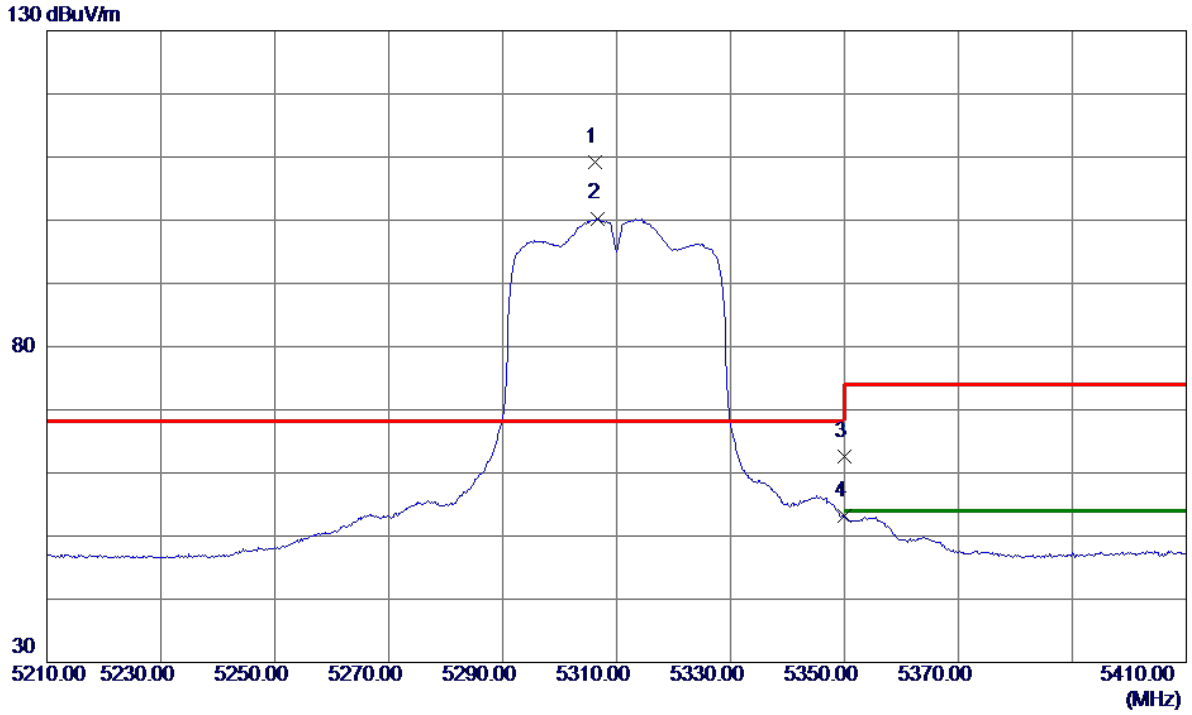
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10540.6600	21.24	15.80	37.04	54.00	-16.96	AVG	
2	10544.1400	32.41	15.80	48.21	68.30	-20.09	Peak	

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

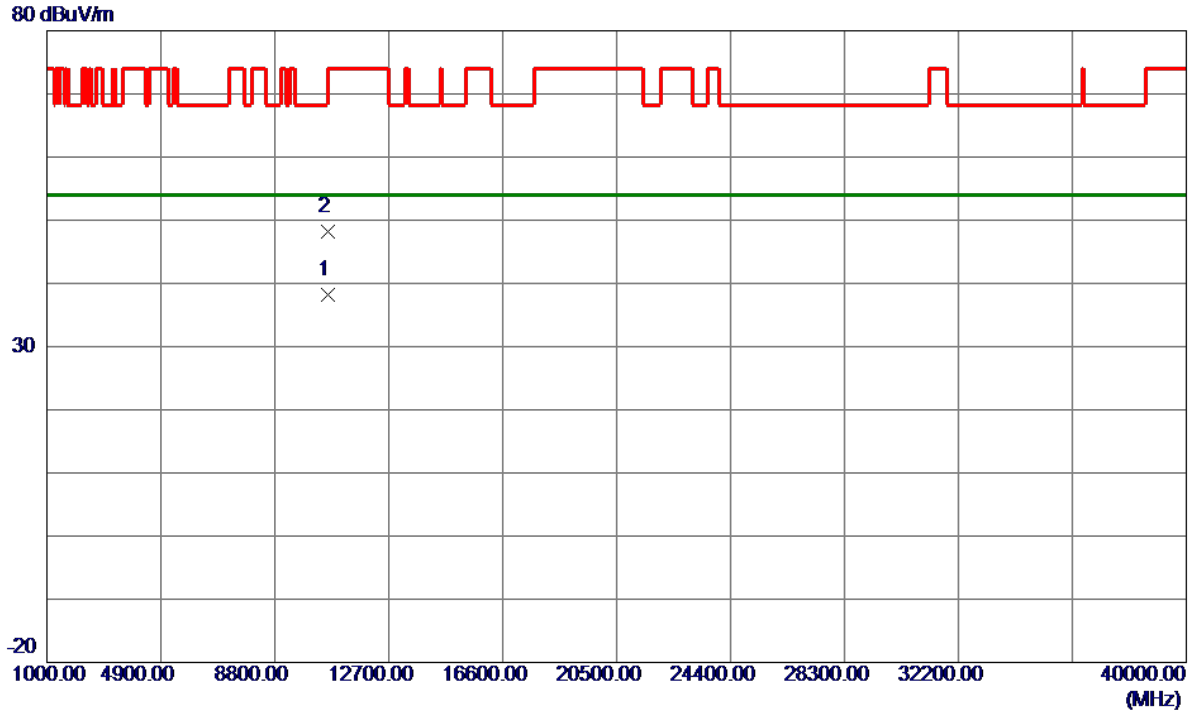
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5306.2000	90.68	18.51	109.19	68.20	40.99	Peak	No Limit
2	5306.6000	81.79	18.51	100.30	999.00	-898.70	AVG	No Limit
3	5350.0000	43.93	18.67	62.60	74.00	-11.40	Peak	
4	5350.0000	34.53	18.67	53.20	54.00	-0.80	AVG	

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

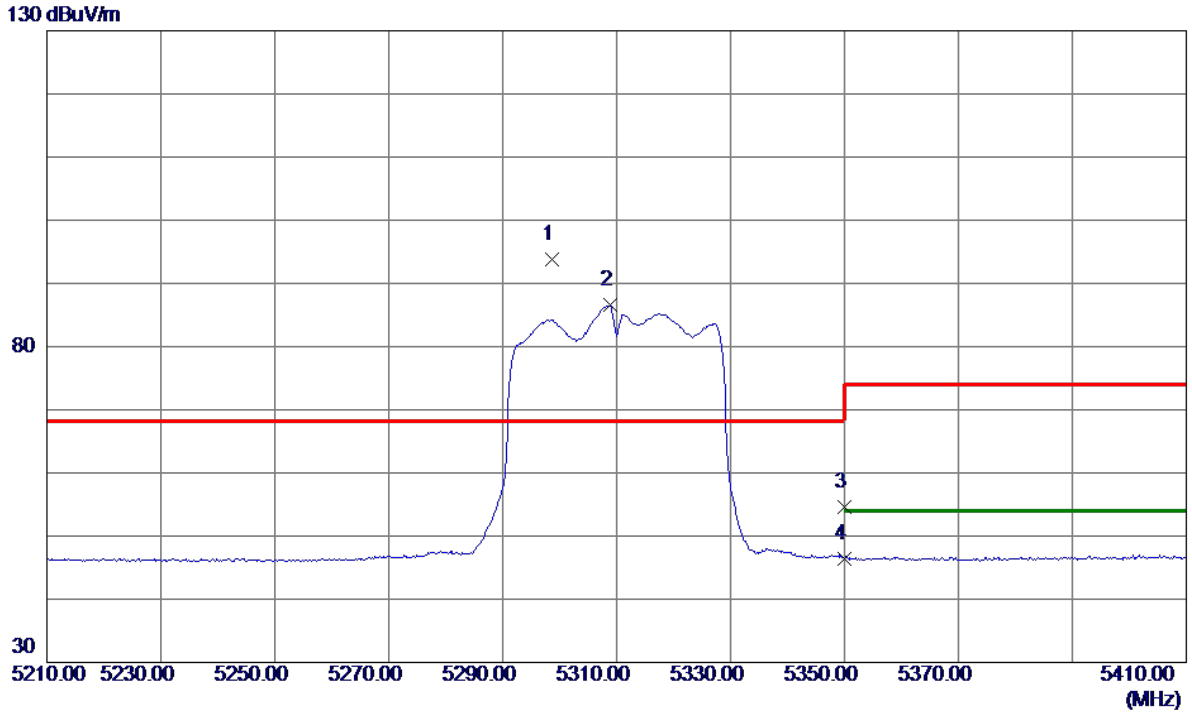
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10620.0199	22.45	15.84	38.29	54.00	-15.71	AVG	
2	10617.6800	32.38	15.84	48.22	74.00	-25.78	Peak	

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

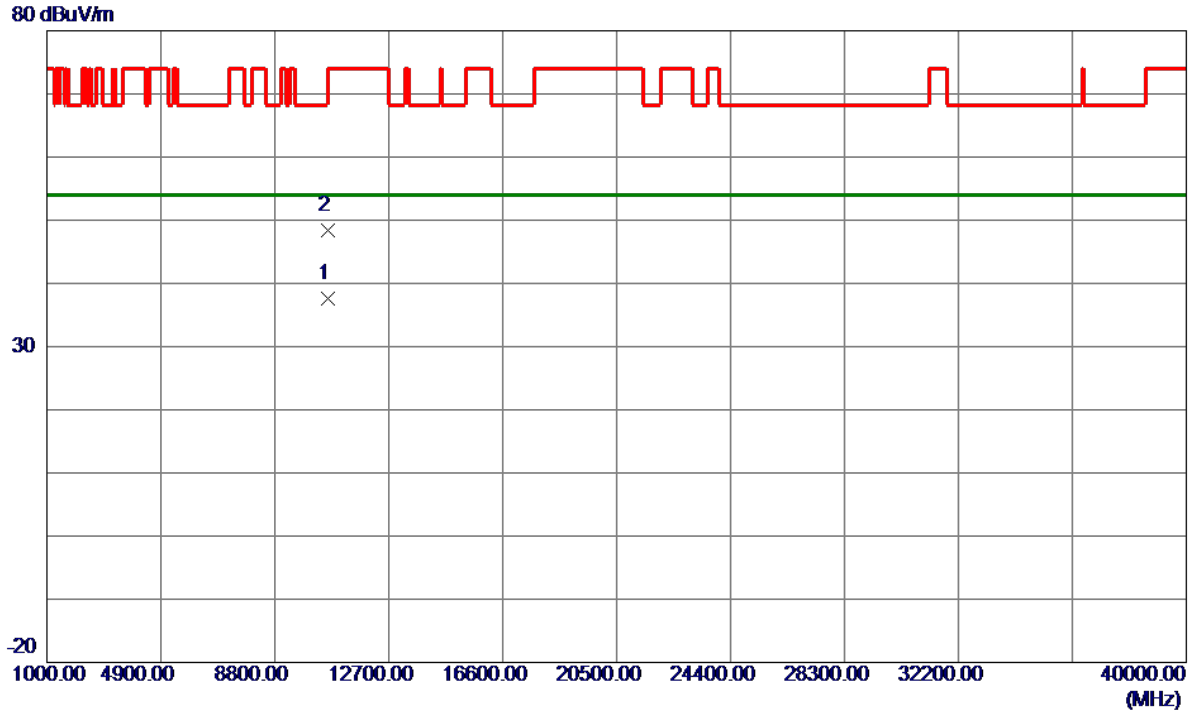
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5298.6000	75.27	18.48	93.75	68.20	25.55	Peak	No Limit
2	5308.8000	67.99	18.52	86.51	999.00	-912.49	AVG	No Limit
3	5350.0000	35.98	18.67	54.65	74.00	-19.35	Peak	
4	5350.0000	27.73	18.67	46.40	54.00	-7.60	AVG	

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

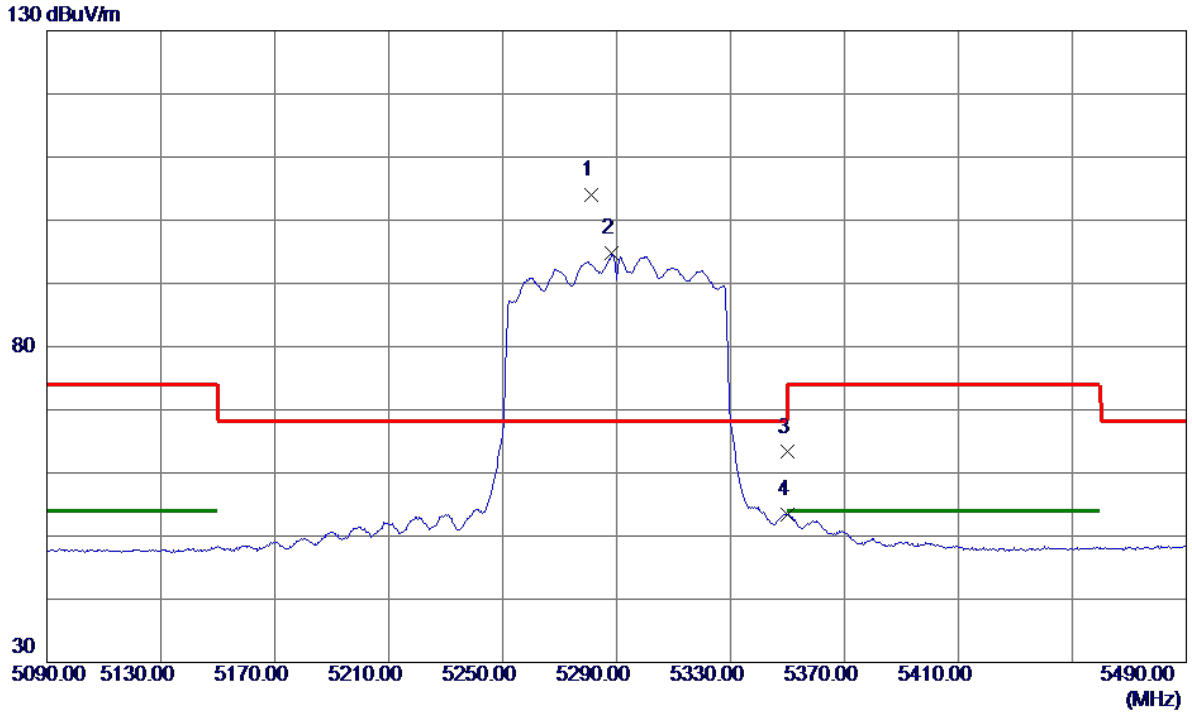
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10620.0199	21.75	15.84	37.59	54.00	-16.41	AVG	
2	10623.2800	32.56	15.85	48.41	74.00	-25.59	Peak	

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

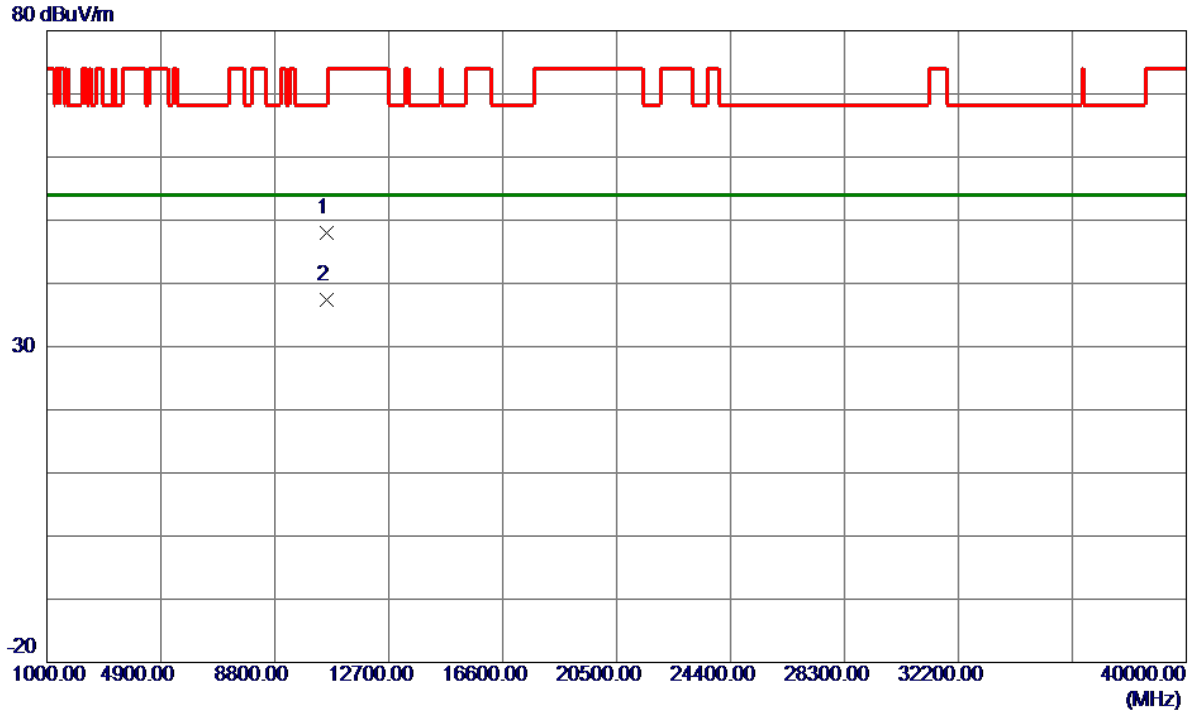
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5281.2000	85.58	18.41	103.99	68.20	35.79	Peak	No Limit
2	5288.4000	76.29	18.44	94.73	999.00	-904.27	AVG	No Limit
3	5350.0000	44.63	18.67	63.30	74.00	-10.70	Peak	
4	5350.0000	34.71	18.67	53.38	54.00	-0.62	AVG	

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

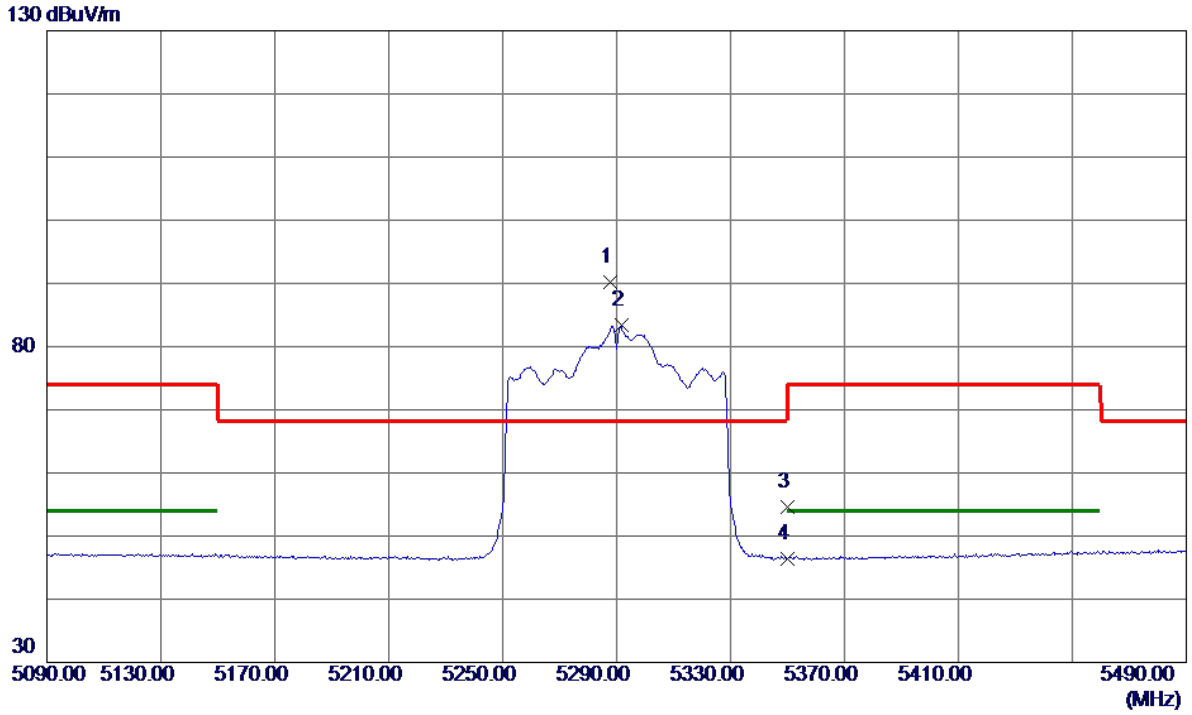
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10575.8800	32.25	15.82	48.07	68.30	-20.23	Peak	
2 *	10579.6000	21.62	15.82	37.44	54.00	-16.56	AVG	

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

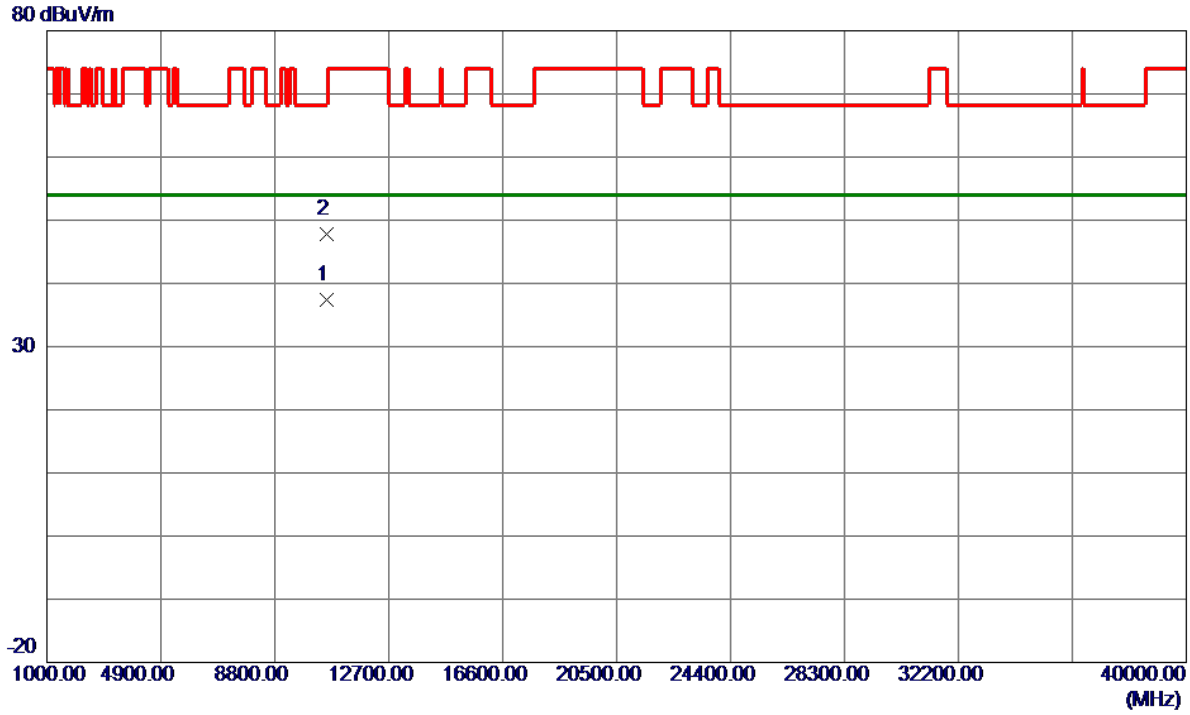
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5287.6000	71.85	18.43	90.28	68.20	22.08	Peak	No Limit
2	5291.6000	64.86	18.45	83.31	999.00	-915.69	AVG	No Limit
3	5350.0000	35.99	18.67	54.66	74.00	-19.34	Peak	
4	5350.0000	27.78	18.67	46.45	54.00	-7.55	AVG	

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

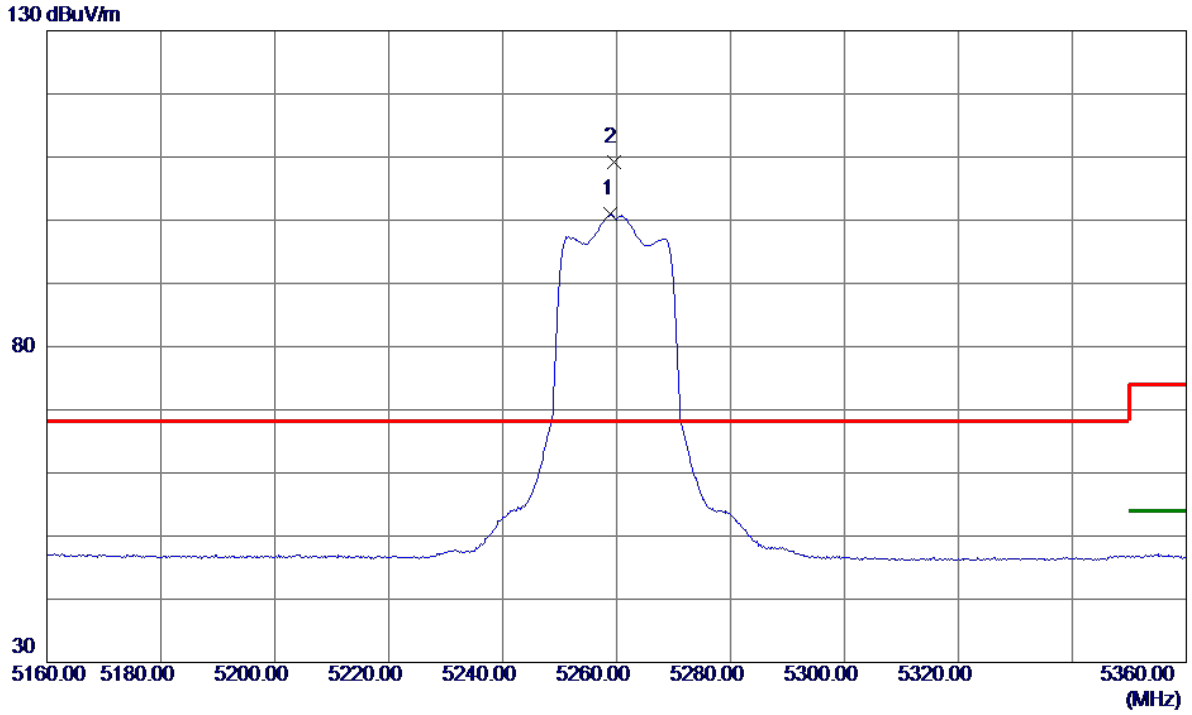
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10579.8600	21.51	15.82	37.33	54.00	-16.67	AVG	
2	10586.8800	32.02	15.82	47.84	68.30	-20.46	Peak	

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

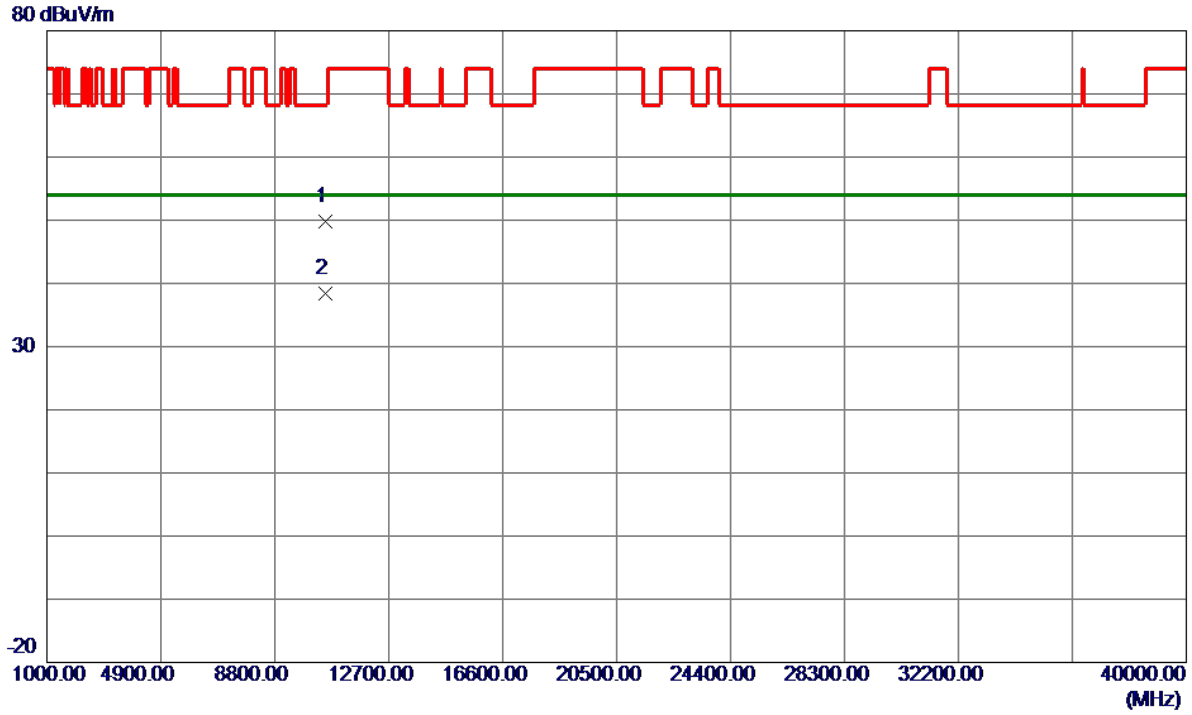
Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5259.0000	82.58	18.32	100.90	999.00	-898.10	AVG	No Limit
2 *	5259.6000	90.95	18.33	109.28	68.20	41.08	Peak	No Limit

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

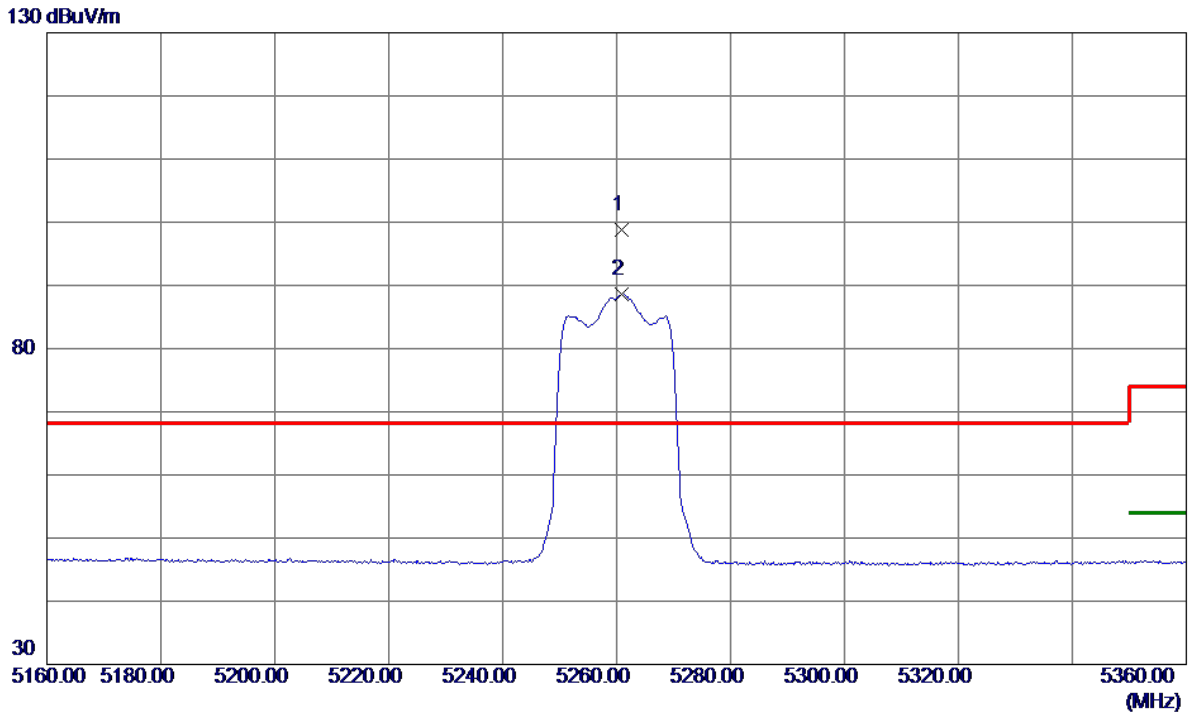
Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10520.0400	33.94	15.78	49.72	68.30	-18.58	Peak	
2 *	10520.0599	22.69	15.78	38.47	54.00	-15.53	AVG	

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

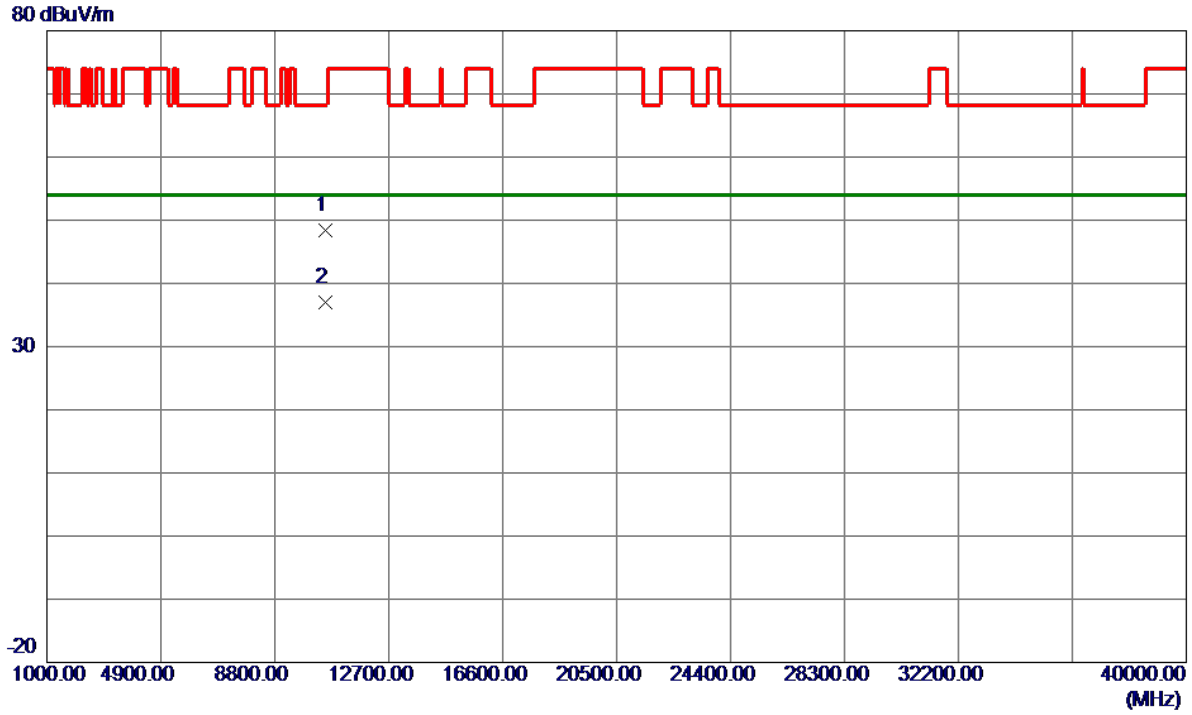
Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5260.8000	80.40	18.33	98.73	68.20	30.53	Peak	No Limit
2	5260.8000	70.23	18.33	88.56	999.00	-910.44	AVG	No Limit

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

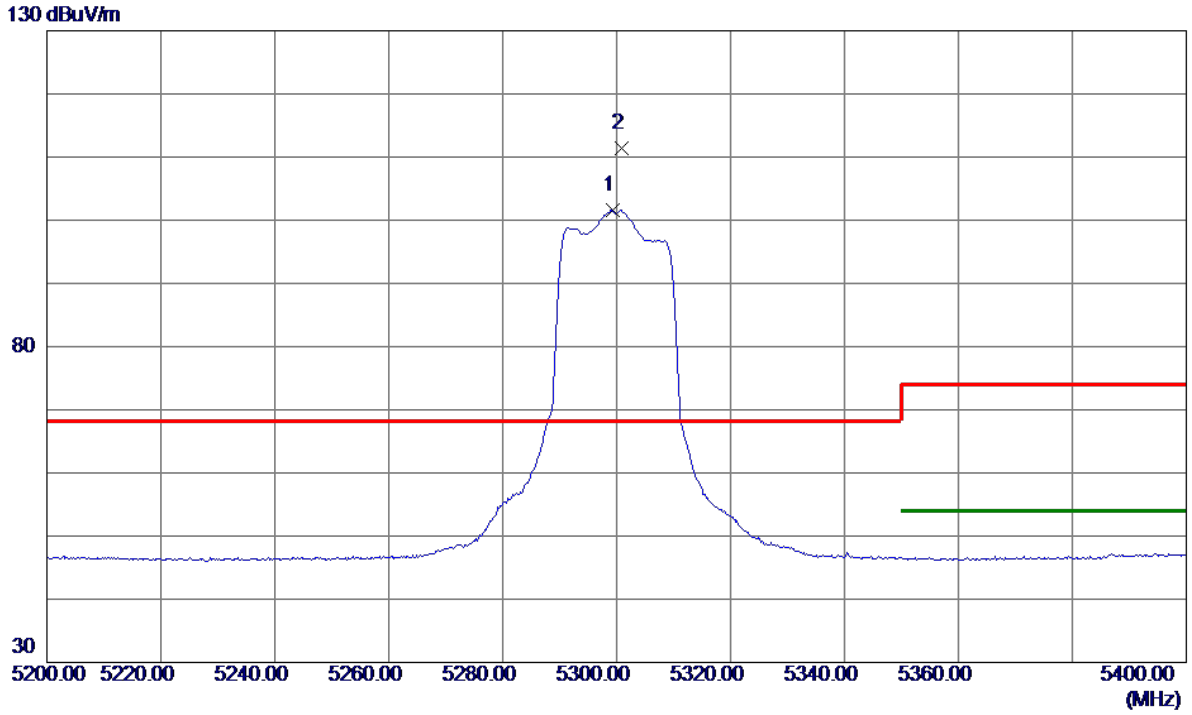
Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10518.1000	32.61	15.78	48.39	68.30	-19.91	Peak	
2 *	10519.7200	21.26	15.78	37.04	54.00	-16.96	AVG	

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

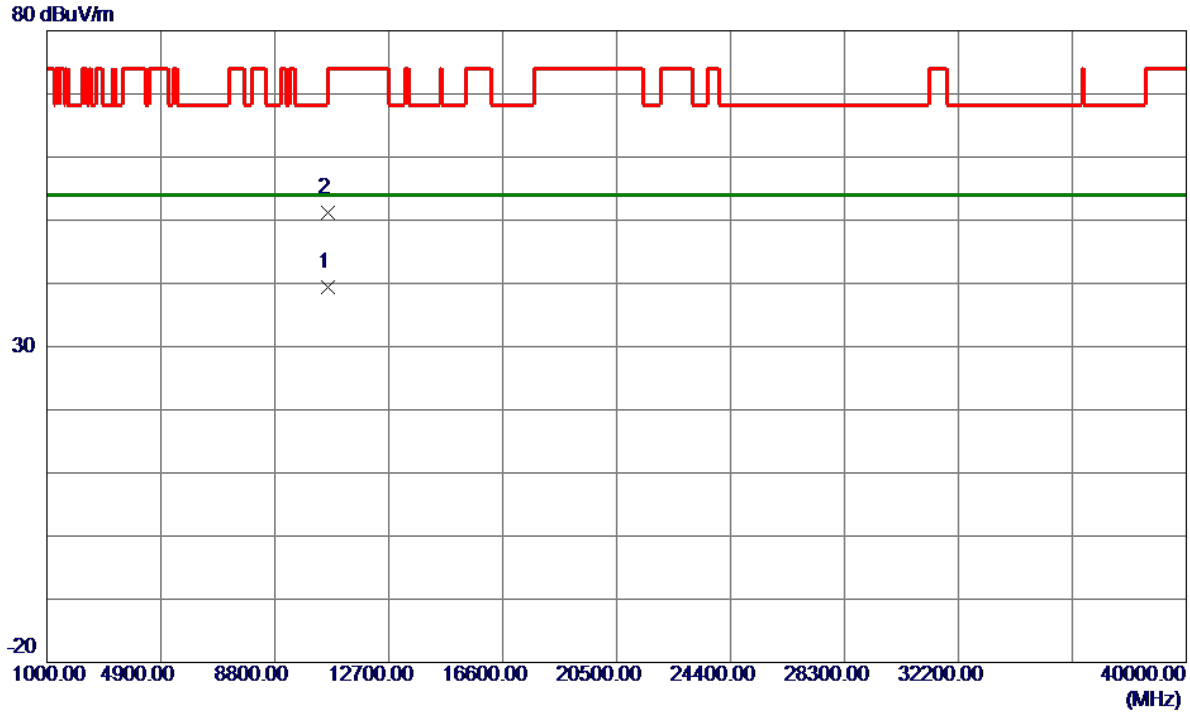
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5299.4000	83.11	18.48	101.59	999.00	-897.41	AVG	No Limit
2 *	5300.8000	92.97	18.48	111.45	68.20	43.25	Peak	No Limit

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

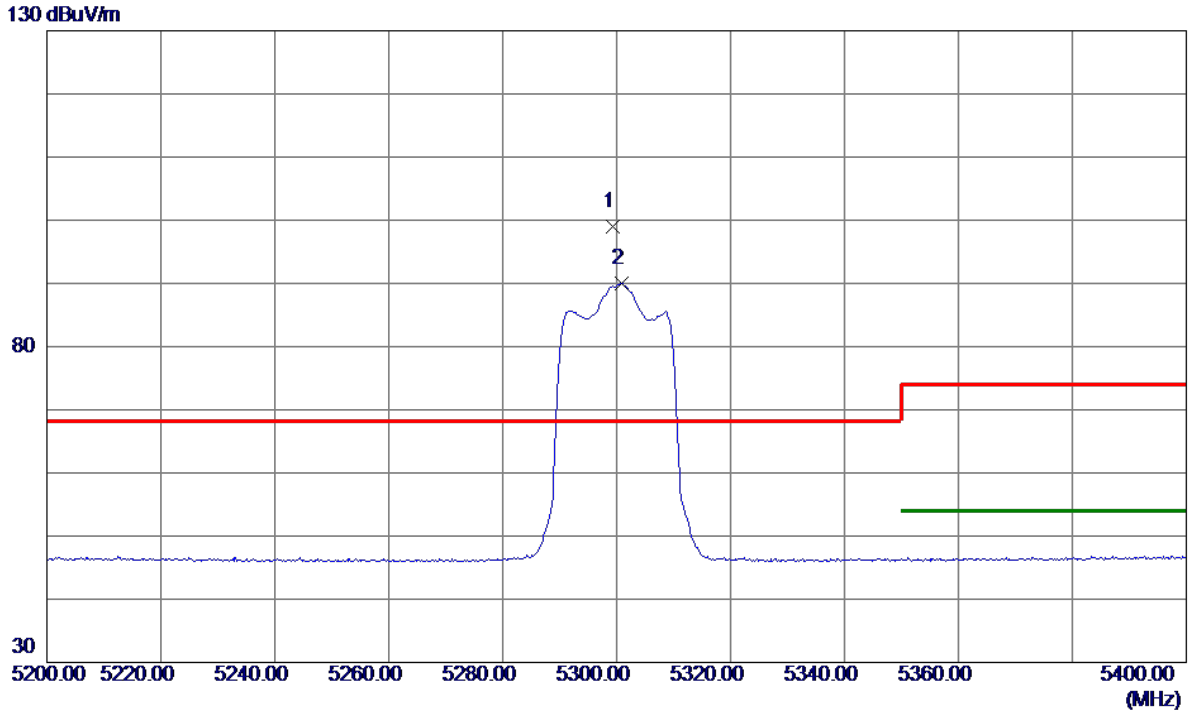
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.9800	23.54	15.83	39.37	54.00	-14.63	AVG	
2	10602.2800	35.35	15.83	51.18	74.00	-22.82	Peak	

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

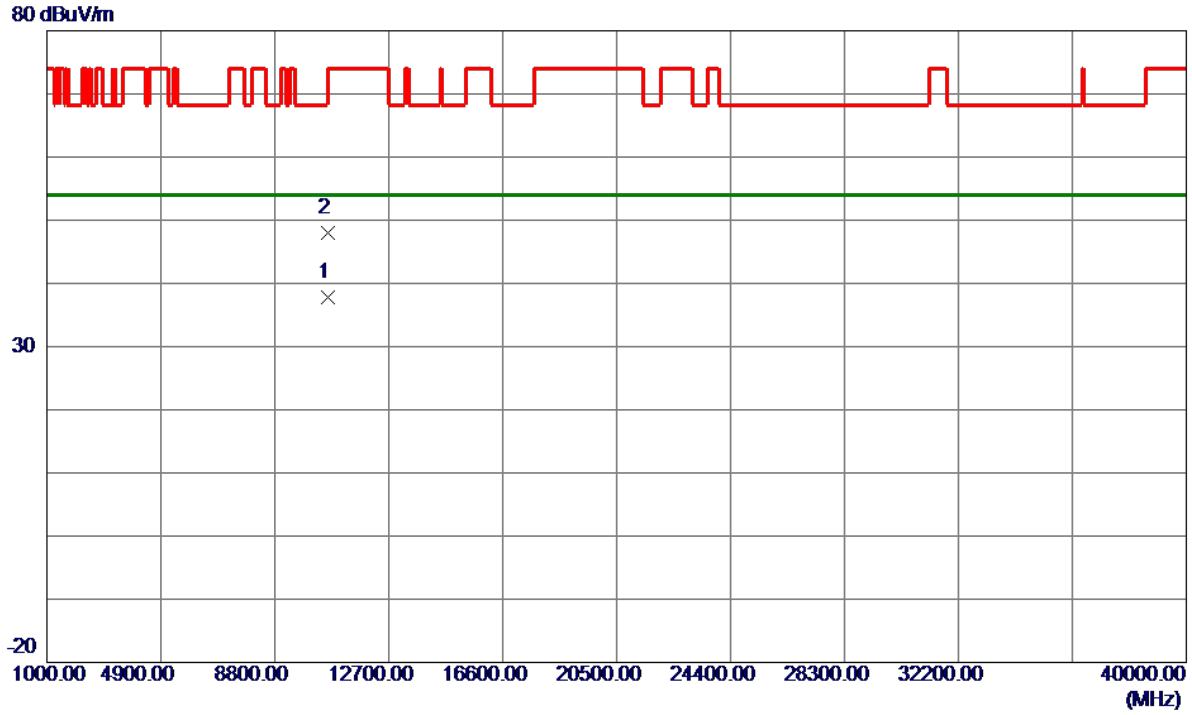
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5299.4000	80.51	18.48	98.99	68.20	30.79	Peak	No Limit
2	5300.8000	71.50	18.48	89.98	999.00	-909.02	AVG	No Limit

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

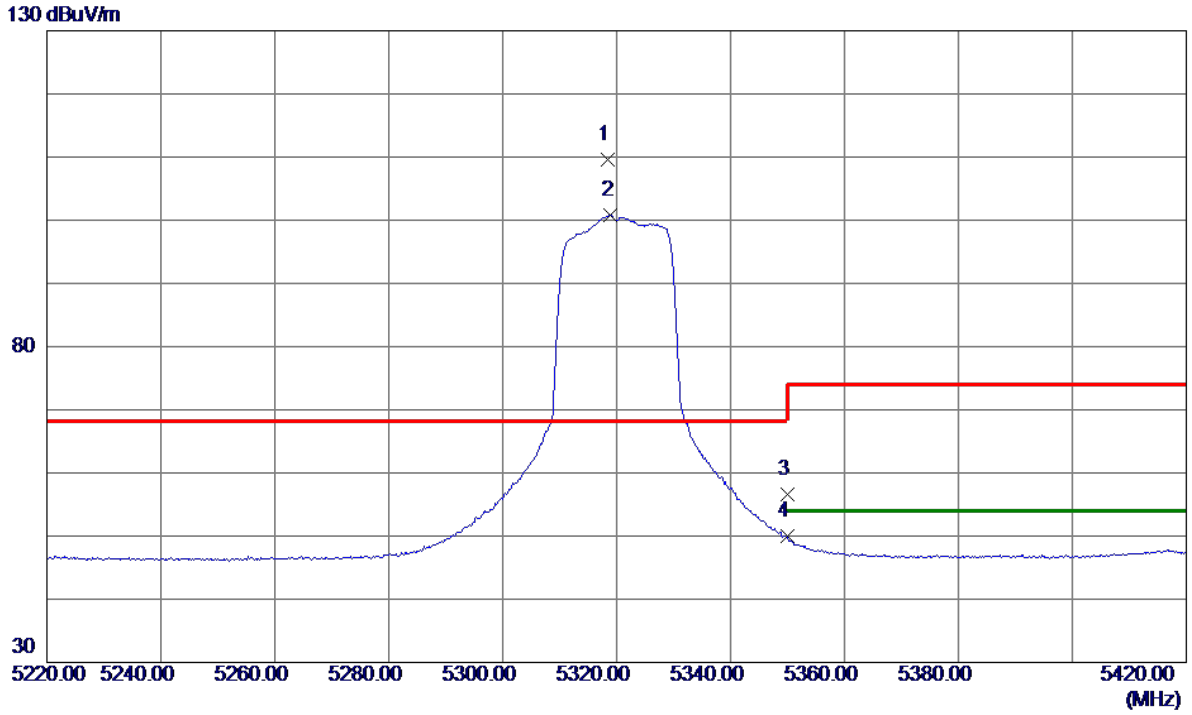
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.9600	21.93	15.83	37.76	54.00	-16.24	AVG	
2	10607.6600	32.18	15.84	48.02	74.00	-25.98	Peak	

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

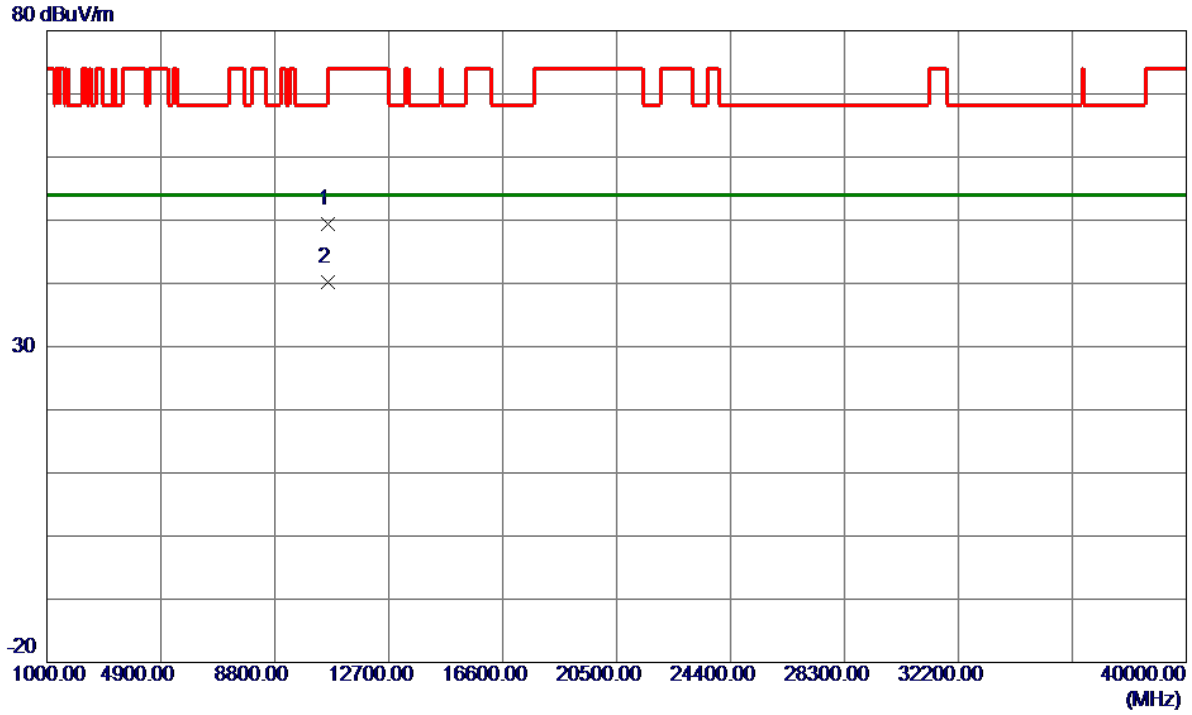
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5318.4000	91.02	18.55	109.57	68.20	41.37	Peak	No Limit
2	5319.0000	82.26	18.55	100.81	999.00	-898.19	AVG	No Limit
3	5350.0000	37.96	18.67	56.63	74.00	-17.37	Peak	
4	5350.0000	31.28	18.67	49.95	54.00	-4.05	AVG	

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

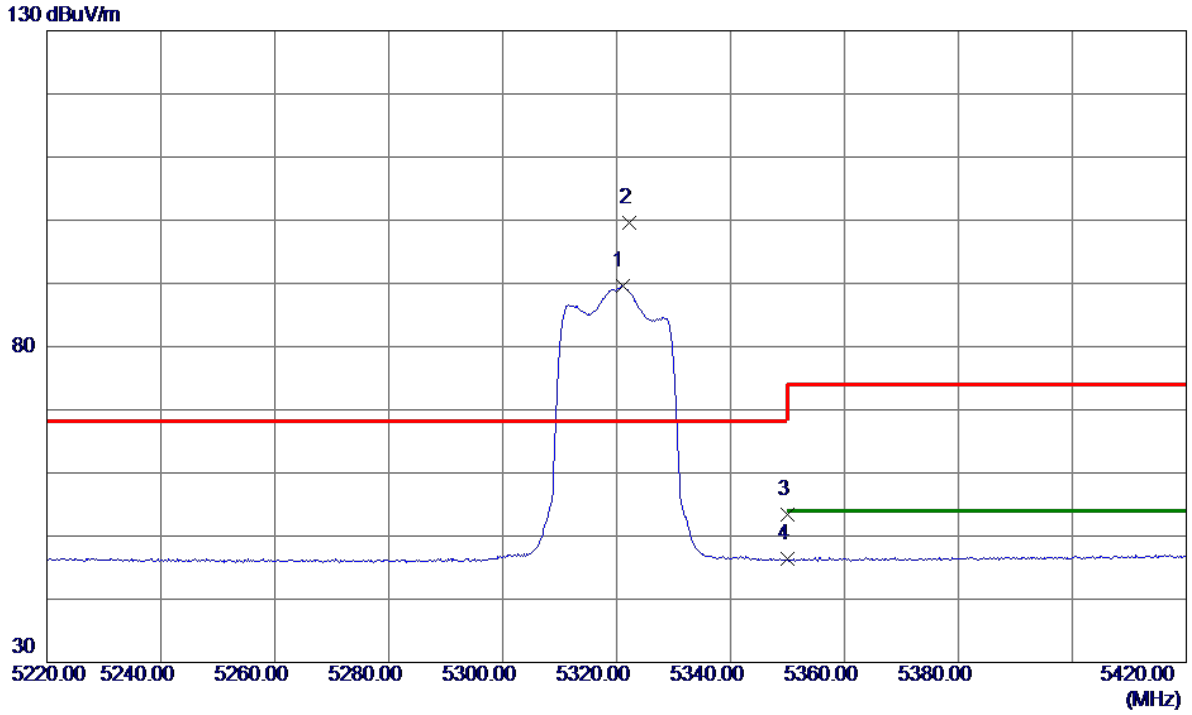
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10638.6200	33.51	15.86	49.37	74.00	-24.63	Peak	
2 *	10640.1000	24.29	15.86	40.15	54.00	-13.85	AVG	

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

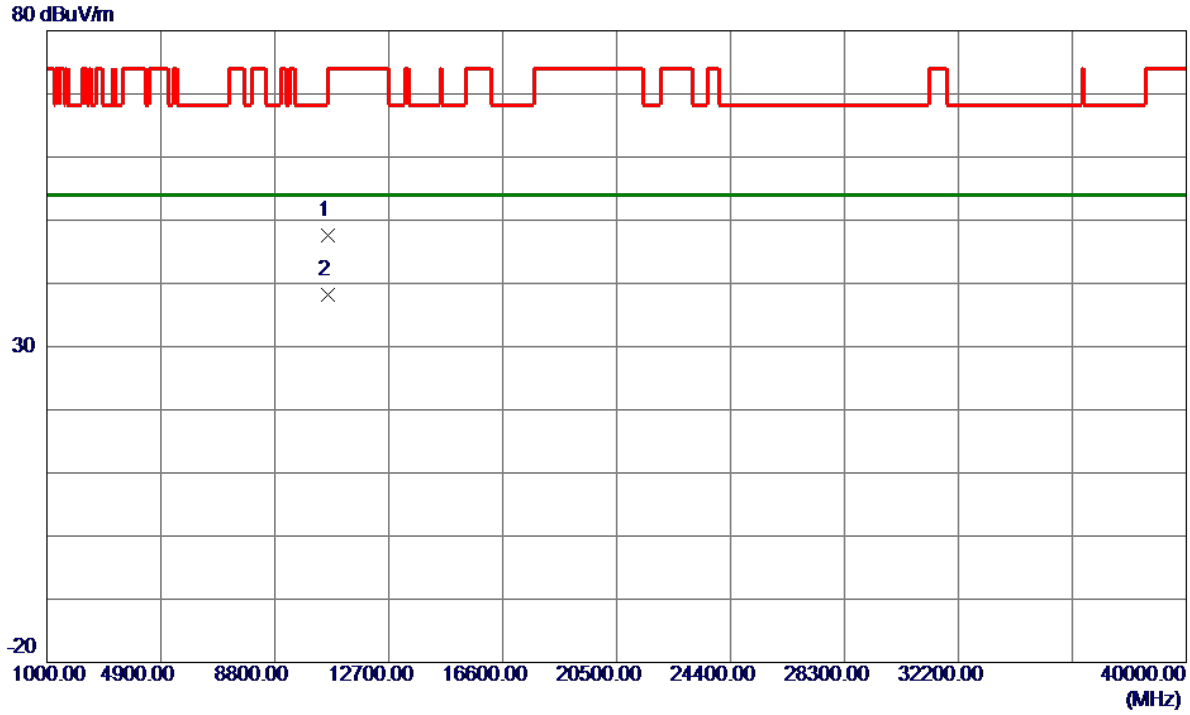
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5321.0000	71.08	18.56	89.64	999.00	-909.36	AVG	No Limit
2 *	5322.2000	81.02	18.57	99.59	68.20	31.39	Peak	No Limit
3	5350.0000	34.77	18.67	53.44	74.00	-20.56	Peak	
4	5350.0000	27.66	18.67	46.33	54.00	-7.67	AVG	

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

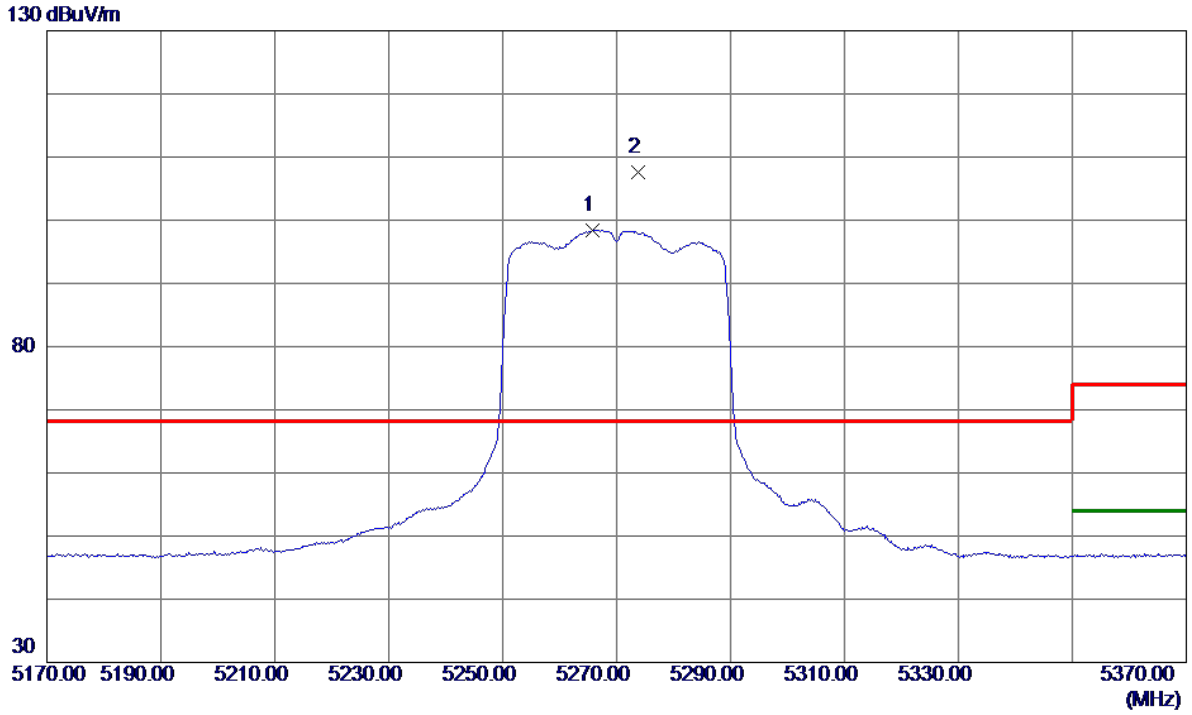
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10635.2000	31.72	15.85	47.57	74.00	-26.43	Peak	
2 *	10640.0199	22.28	15.86	38.14	54.00	-15.86	AVG	

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

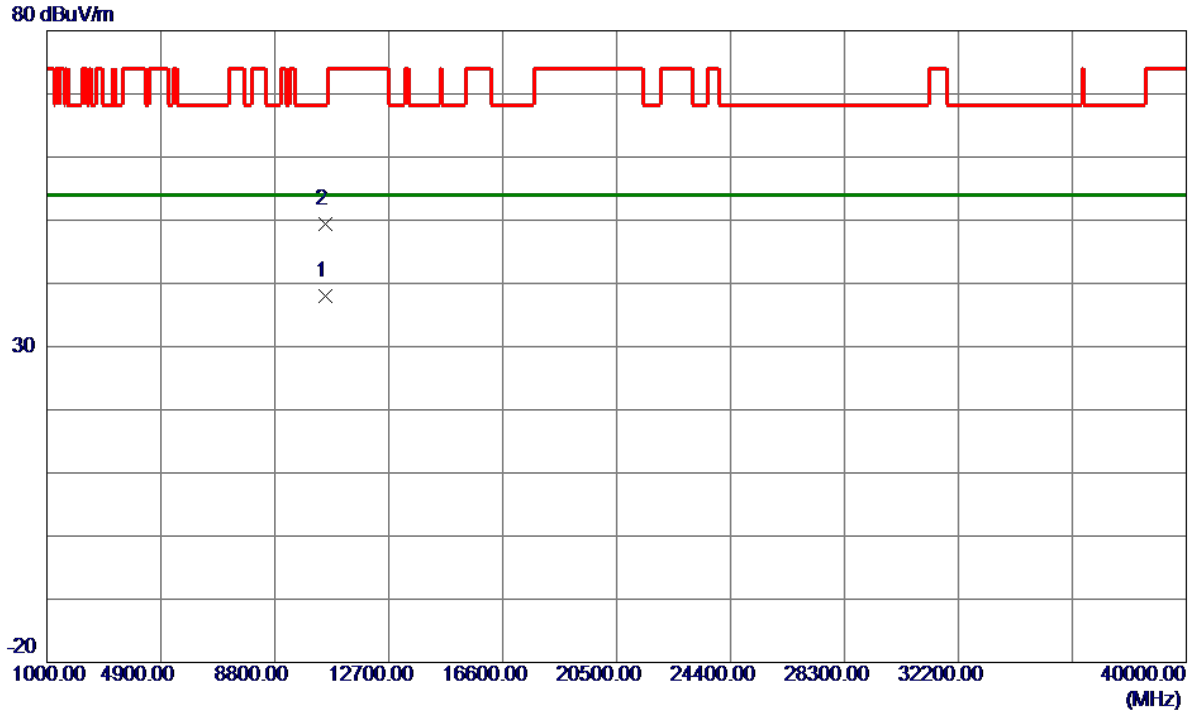
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5265.8000	80.12	18.35	98.47	999.00	-900.53	AVG	No Limit
2 *	5273.8000	89.15	18.38	107.53	68.20	39.33	Peak	No Limit

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

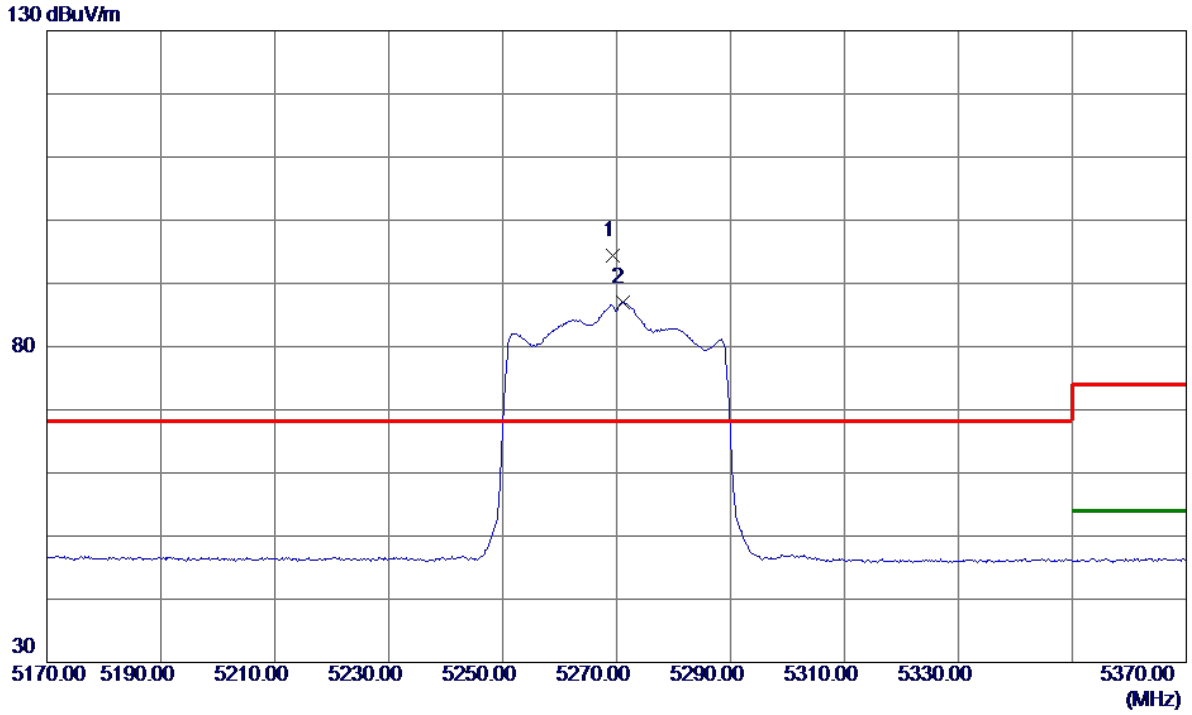
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10539.3400	22.17	15.79	37.96	54.00	-16.04	AVG	
2	10549.0599	33.67	15.80	49.47	68.30	-18.83	Peak	

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

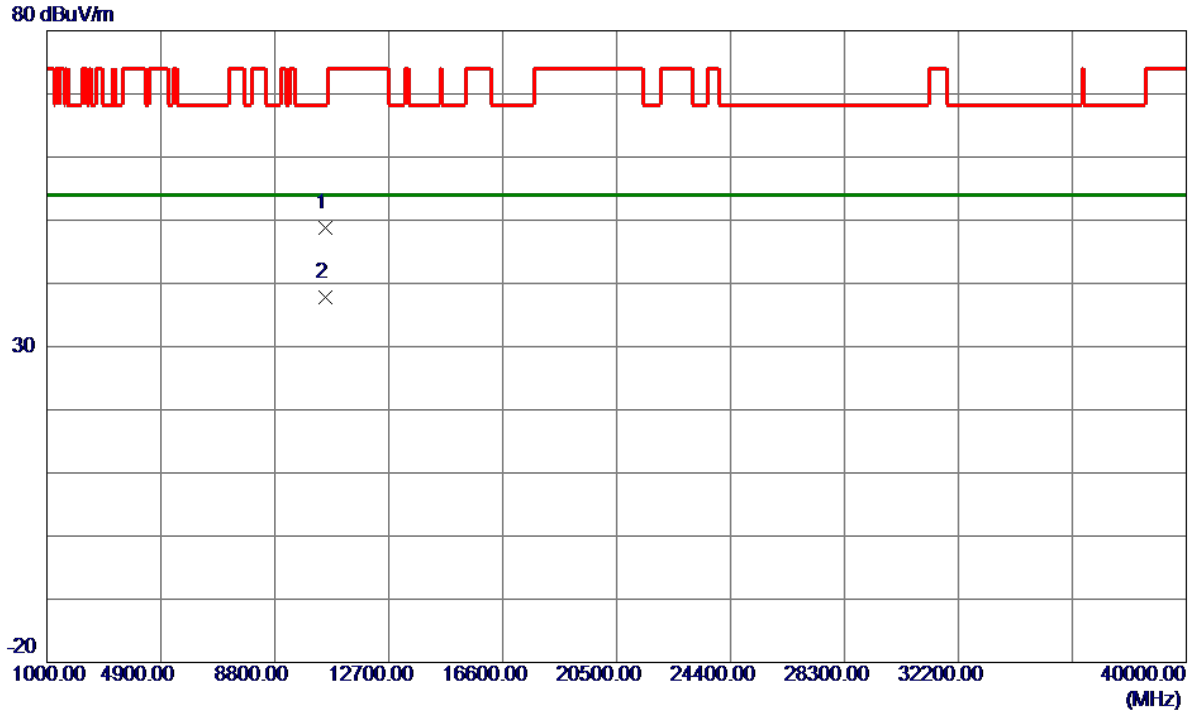
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5269.4000	76.06	18.36	94.42	68.20	26.22	Peak	No Limit
2	5271.0000	68.61	18.37	86.98	999.00	-912.02	AVG	No Limit

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

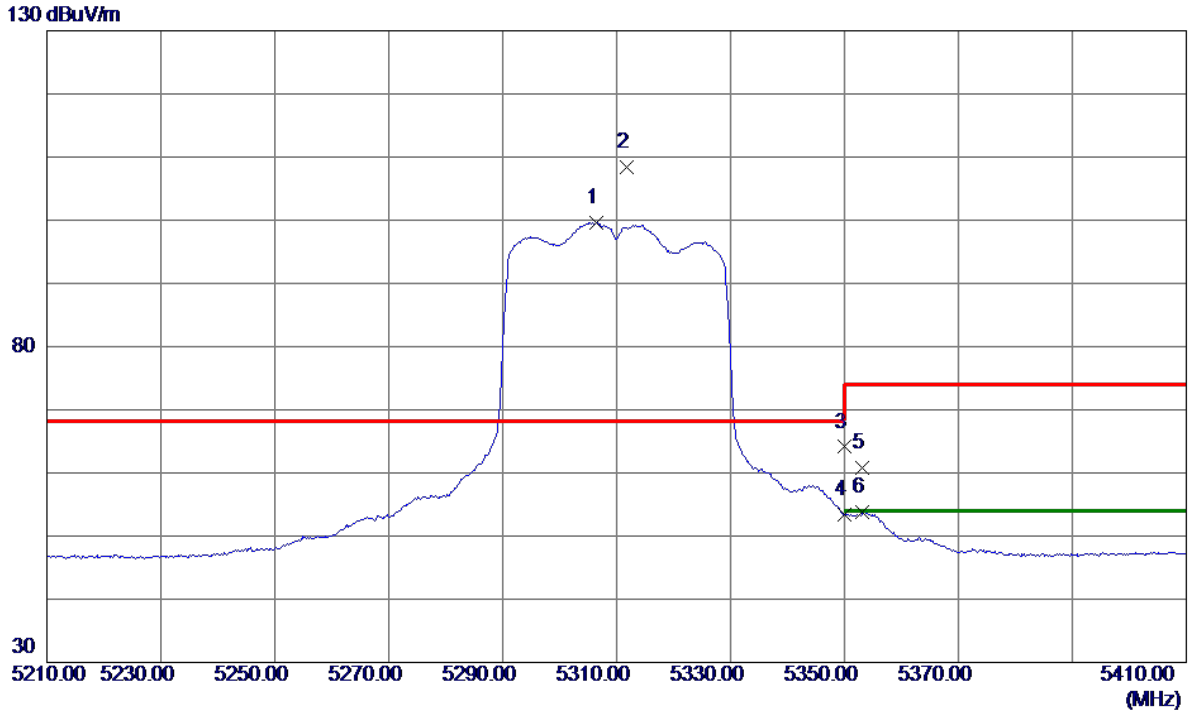
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10541.7800	33.01	15.80	48.81	68.30	-19.49	Peak	
2 *	10547.9200	22.07	15.80	37.87	54.00	-16.13	AVG	

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

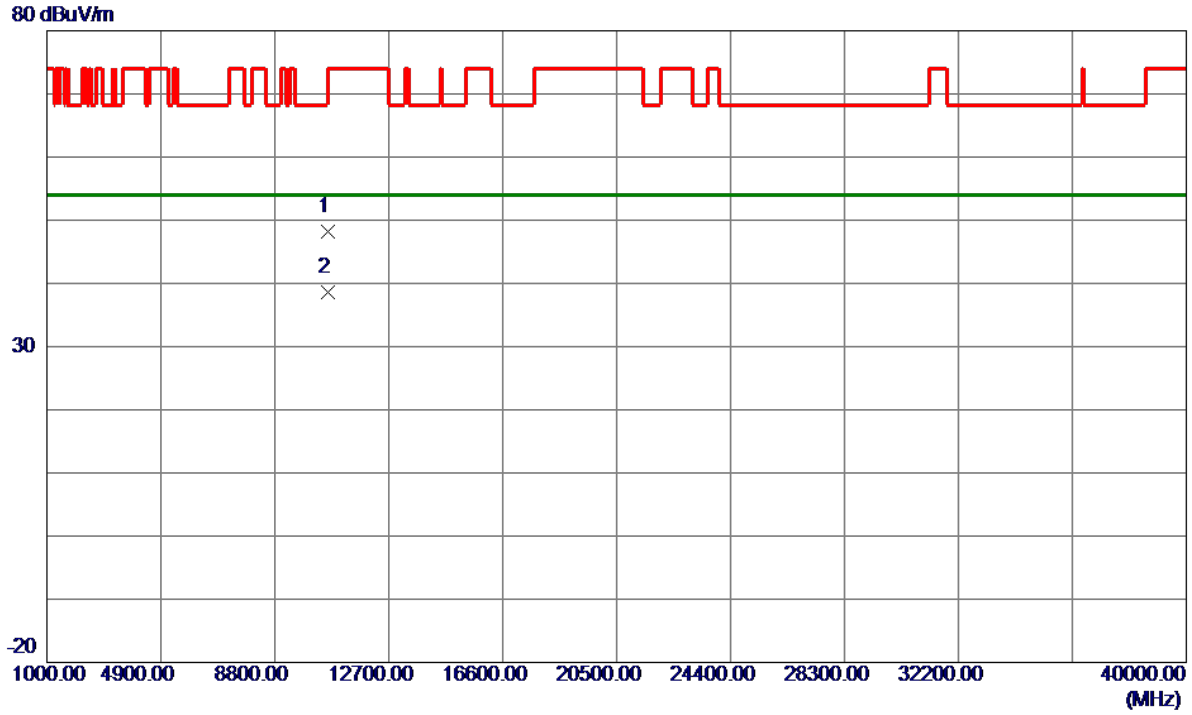
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5306.4000	81.11	18.51	99.62	999.00	-899.38	AVG	No Limit
2 *	5311.8000	89.89	18.53	108.42	68.20	40.22	Peak	No Limit
3	5350.0000	45.43	18.67	64.10	74.00	-9.90	Peak	
4	5350.0000	34.70	18.67	53.37	54.00	-0.63	AVG	
5	5353.2000	42.18	18.69	60.87	74.00	-13.13	Peak	
6	5353.2000	35.02	18.69	53.71	54.00	-0.29	AVG	

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

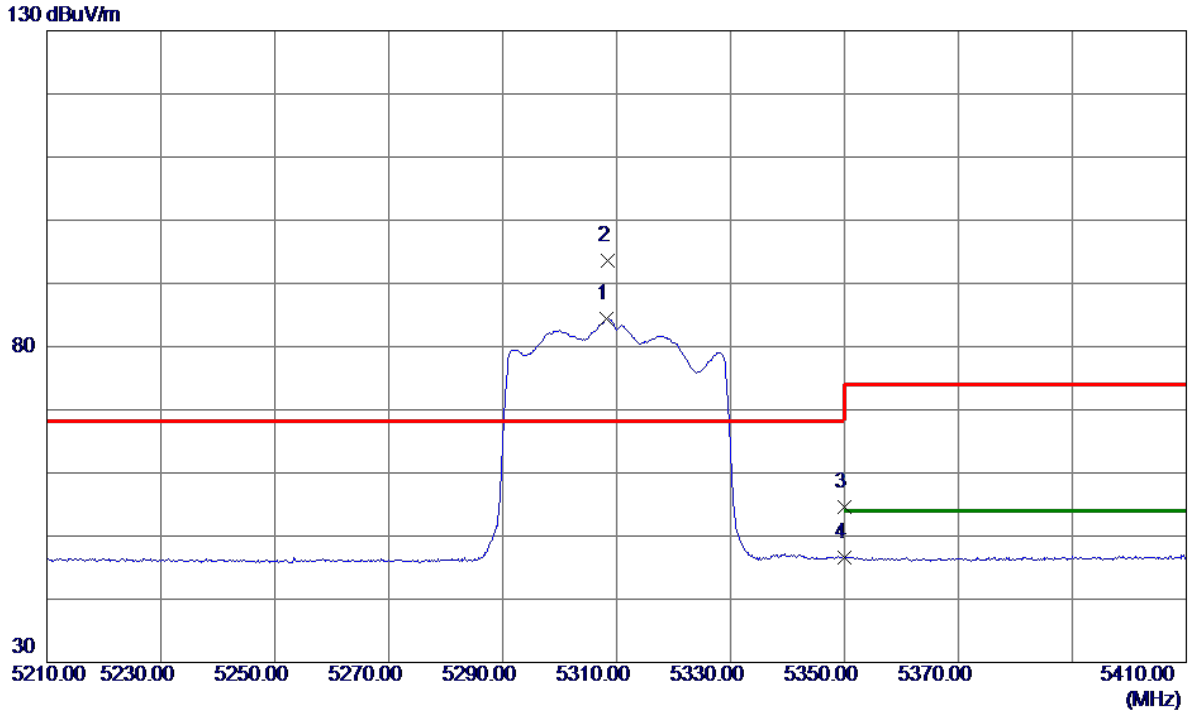
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10618.4600	32.38	15.84	48.22	74.00	-25.78	Peak	
2 *	10620.0000	22.73	15.84	38.57	54.00	-15.43	AVG	

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

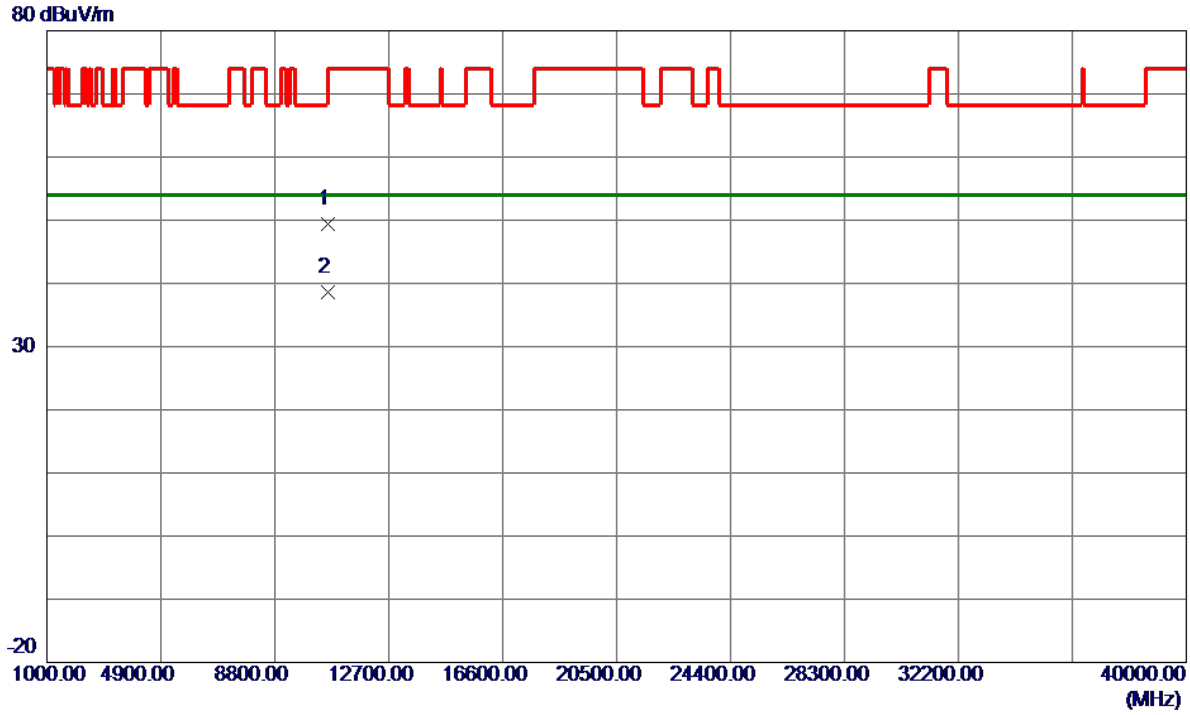
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5308.2000	65.81	18.51	84.32	999.00	-914.68	AVG	No Limit
2 *	5308.4000	75.01	18.51	93.52	68.20	25.32	Peak	No Limit
3	5350.0000	35.89	18.67	54.56	74.00	-19.44	Peak	
4	5350.0000	28.02	18.67	46.69	54.00	-7.31	AVG	

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

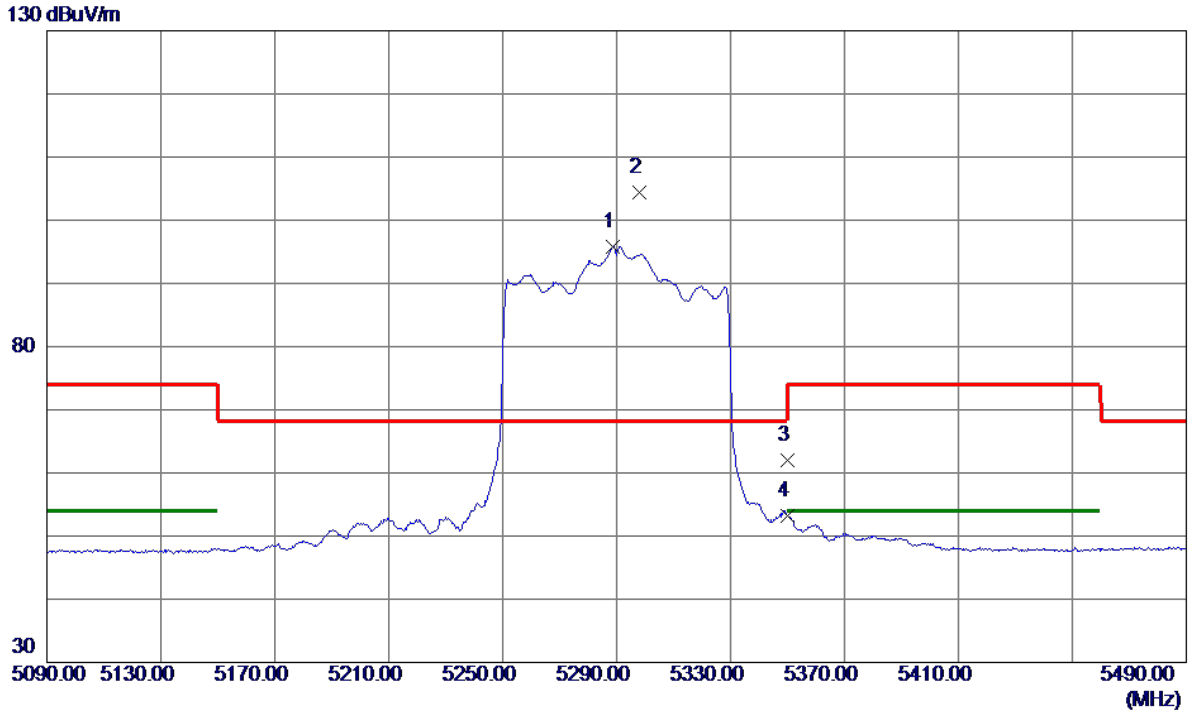
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10614.6000	33.57	15.84	49.41	74.00	-24.59	Peak	
2 *	10620.0000	22.81	15.84	38.65	54.00	-15.35	AVG	

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

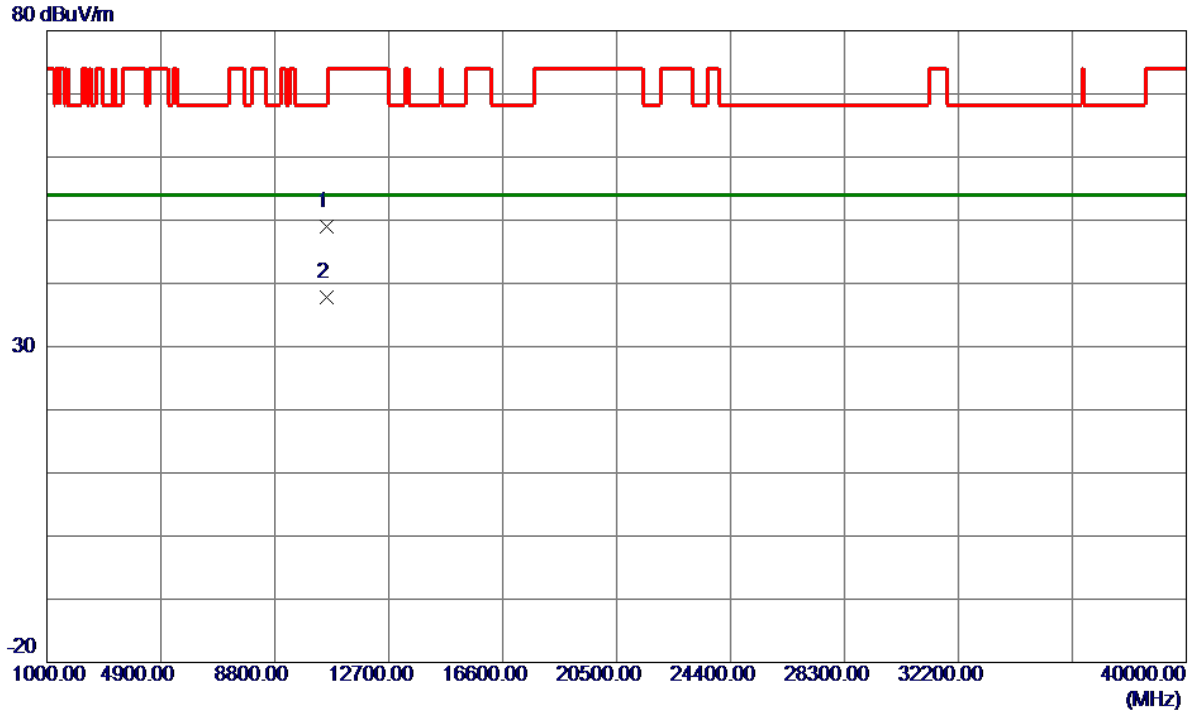
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5288.8000	77.44	18.44	95.88	999.00	-903.12	AVG	No Limit
2 *	5298.0000	86.01	18.47	104.48	68.20	36.28	Peak	No Limit
3	5350.0000	43.33	18.67	62.00	74.00	-12.00	Peak	
4	5350.0000	34.62	18.67	53.29	54.00	-0.71	AVG	

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

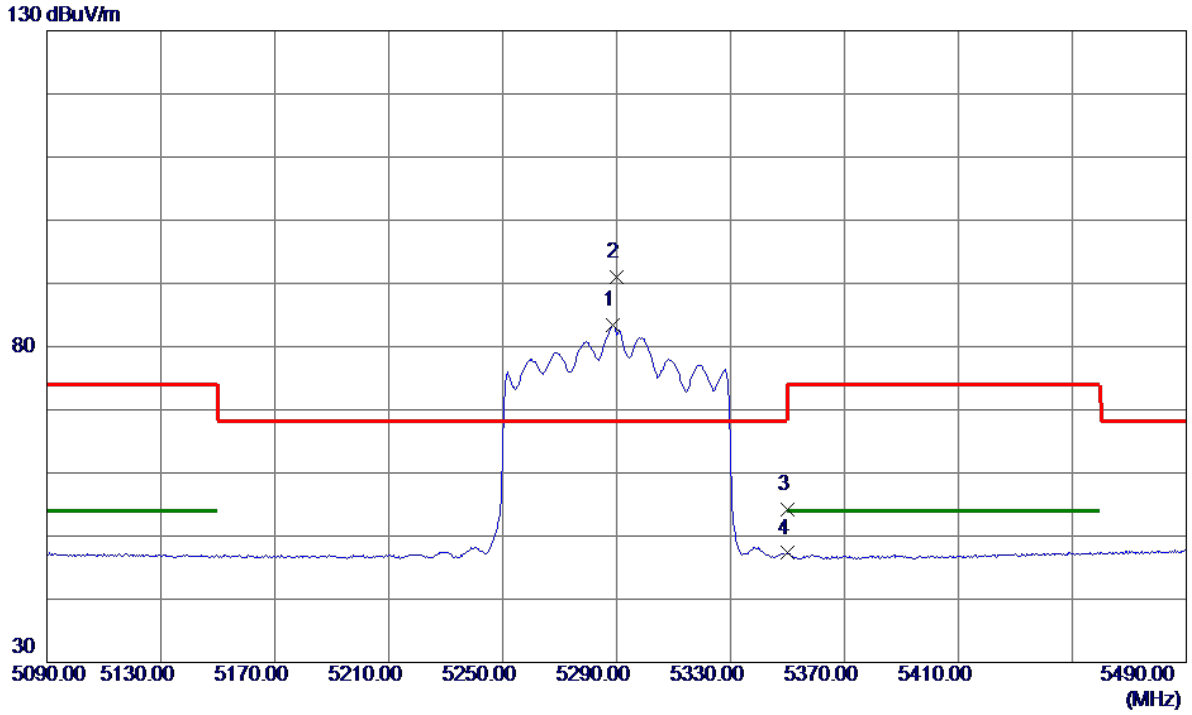
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10579.4600	33.17	15.82	48.99	68.30	-19.31	Peak	
2 *	10579.9000	22.02	15.82	37.84	54.00	-16.16	AVG	

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

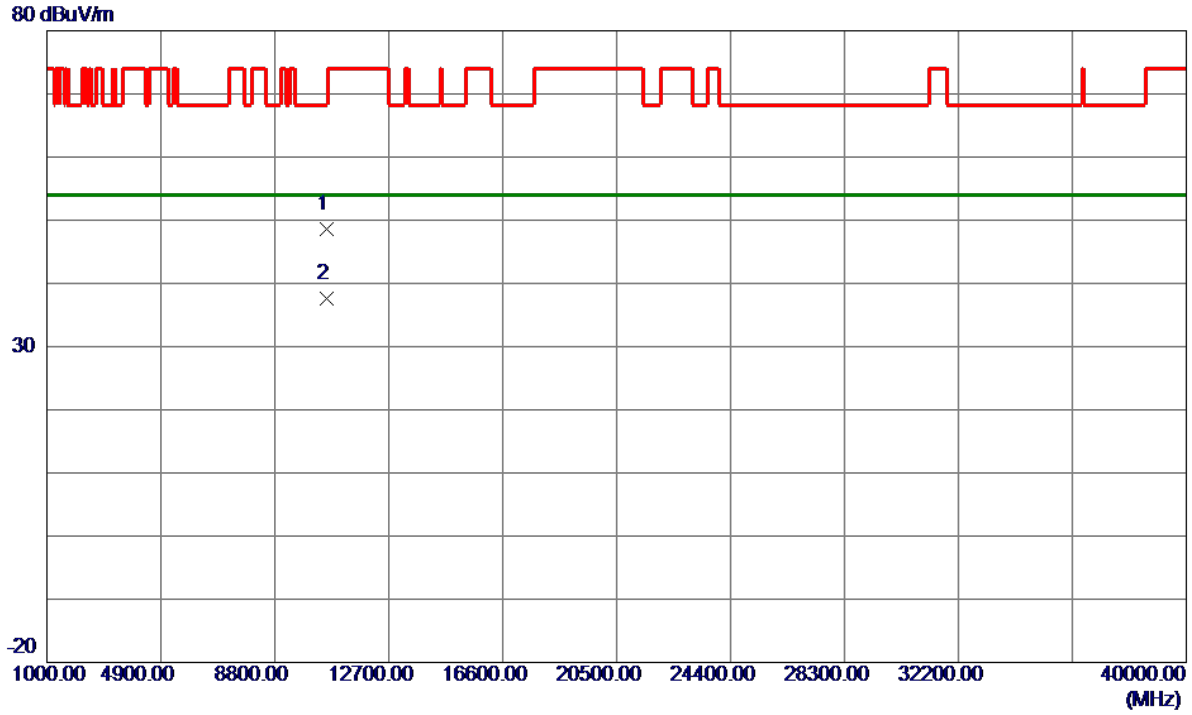
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5288.8000	65.05	18.44	83.49	999.00	-915.51	AVG	No Limit
2 *	5290.0000	72.61	18.44	91.05	68.20	22.85	Peak	No Limit
3	5350.0000	35.48	18.67	54.15	74.00	-19.85	Peak	
4	5350.0000	28.63	18.67	47.30	54.00	-6.70	AVG	

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

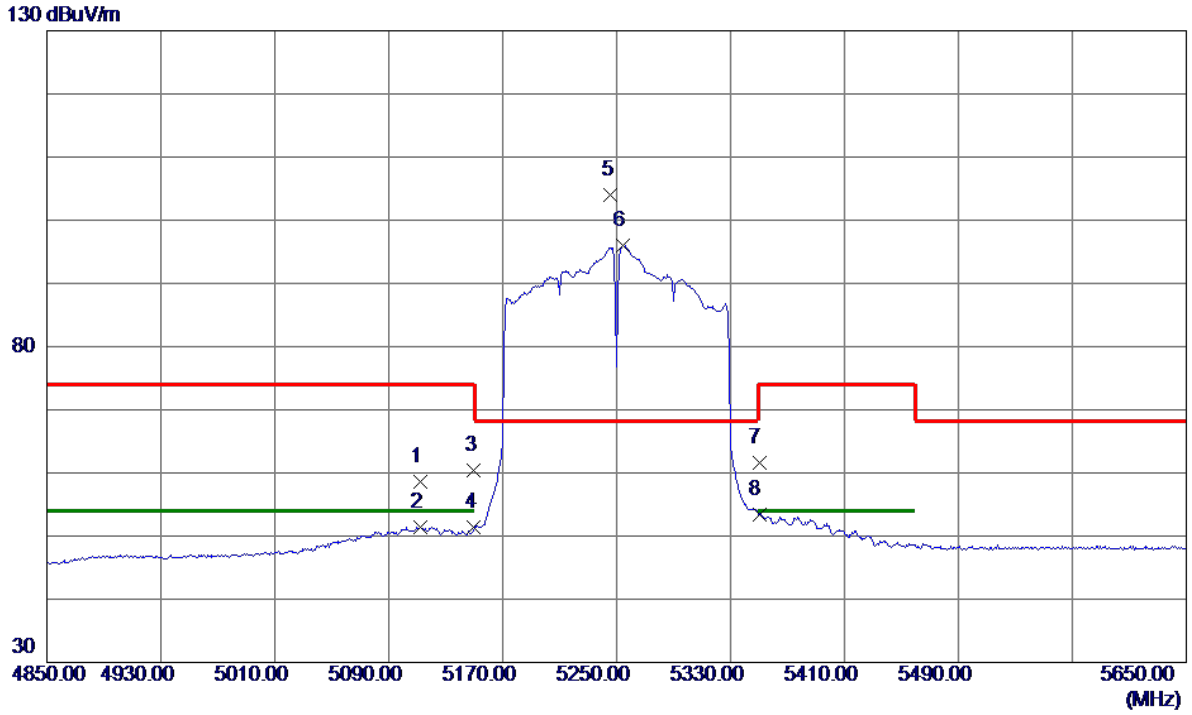
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10575.4200	32.76	15.82	48.58	68.30	-19.72	Peak	
2 *	10579.9000	21.81	15.82	37.63	54.00	-16.37	AVG	

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

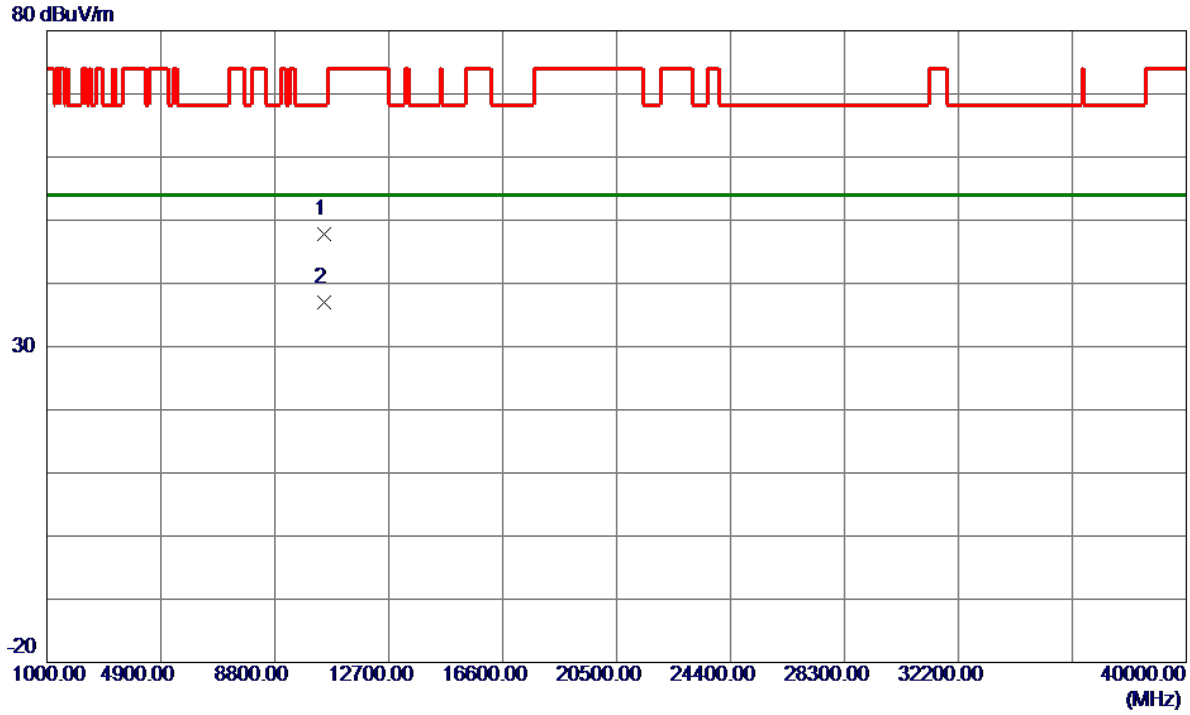
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5112.4000	40.87	17.76	58.63	74.00	-15.37	Peak	
2	5112.4000	33.70	17.76	51.46	54.00	-2.54	AVG	
3	5150.0000	42.58	17.90	60.48	74.00	-13.52	Peak	
4	5150.0000	33.44	17.90	51.34	54.00	-2.66	AVG	
5 *	5246.0000	85.79	18.27	104.06	68.20	35.86	Peak	No Limit
6	5254.8000	77.73	18.31	96.04	999.00	-902.96	AVG	No Limit
7	5350.0000	43.02	18.67	61.69	74.00	-12.31	Peak	
8	5350.0000	34.79	18.67	53.46	54.00	-0.54	AVG	

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

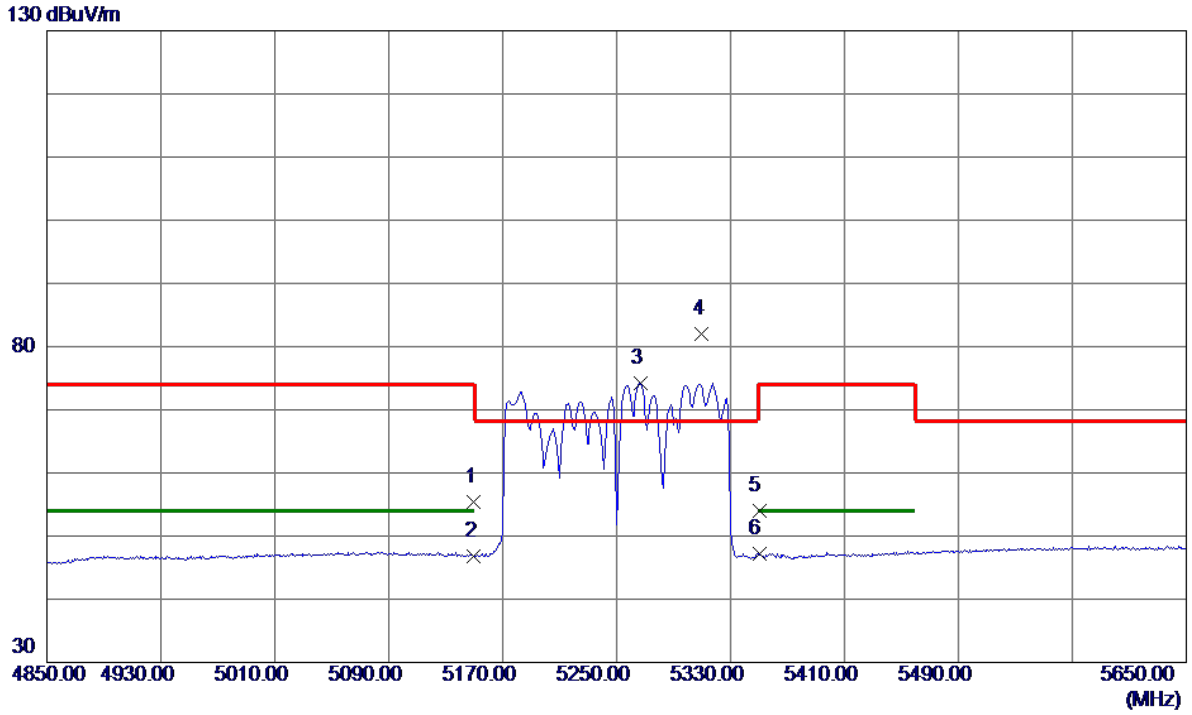
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10495.7200	32.09	15.76	47.85	68.30	-20.45	Peak	
2 *	10499.5800	21.29	15.77	37.06	54.00	-16.94	AVG	

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

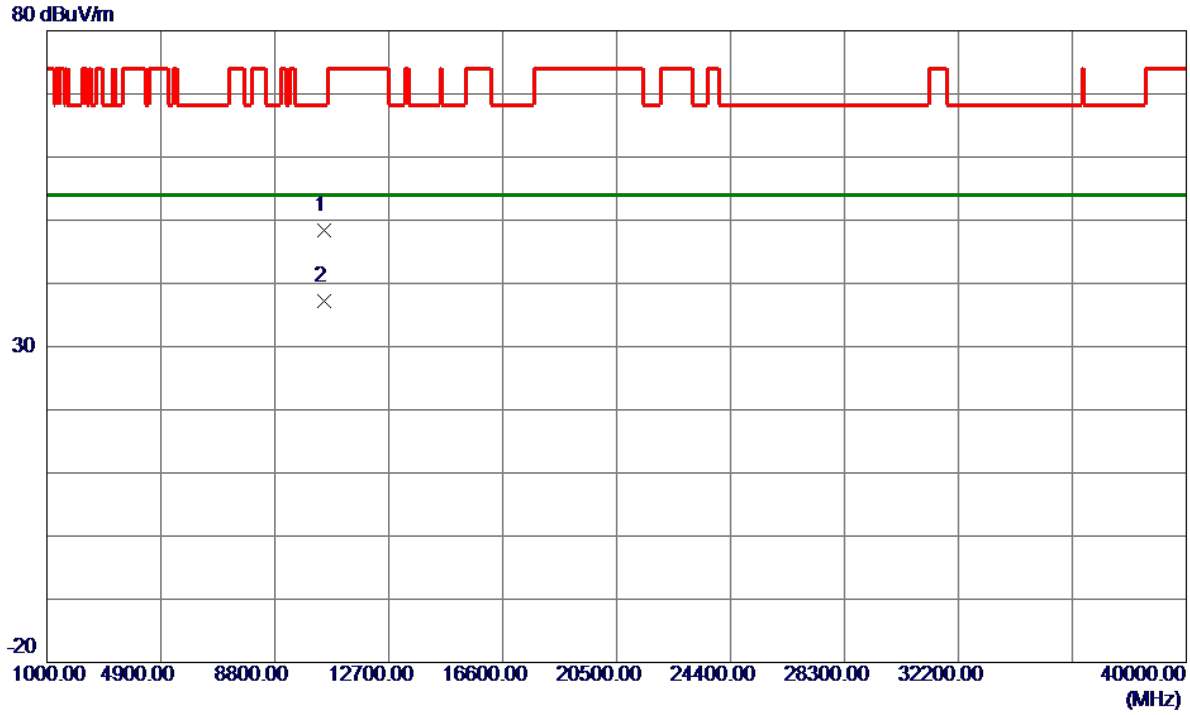
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.49	17.90	55.39	74.00	-18.61	Peak	
2	5150.0000	28.92	17.90	46.82	54.00	-7.18	AVG	
3	5266.8000	55.90	18.35	74.25	999.00	-924.75	AVG	No Limit
4 *	5310.0000	63.41	18.52	81.93	68.20	13.73	Peak	No Limit
5	5350.0000	35.34	18.67	54.01	74.00	-19.99	Peak	
6	5350.0000	28.50	18.67	47.17	54.00	-6.83	AVG	

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

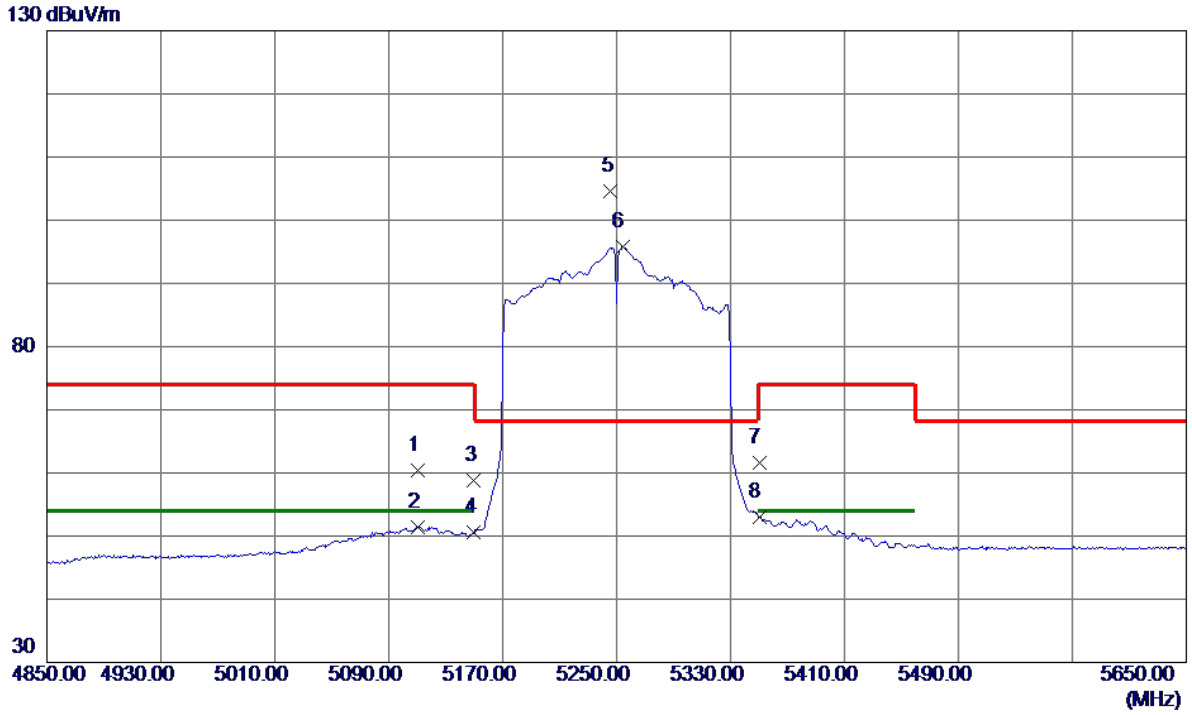
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10490.8200	32.71	15.76	48.47	68.30	-19.83	Peak	
2 *	10500.1600	21.43	15.77	37.20	54.00	-16.80	AVG	

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

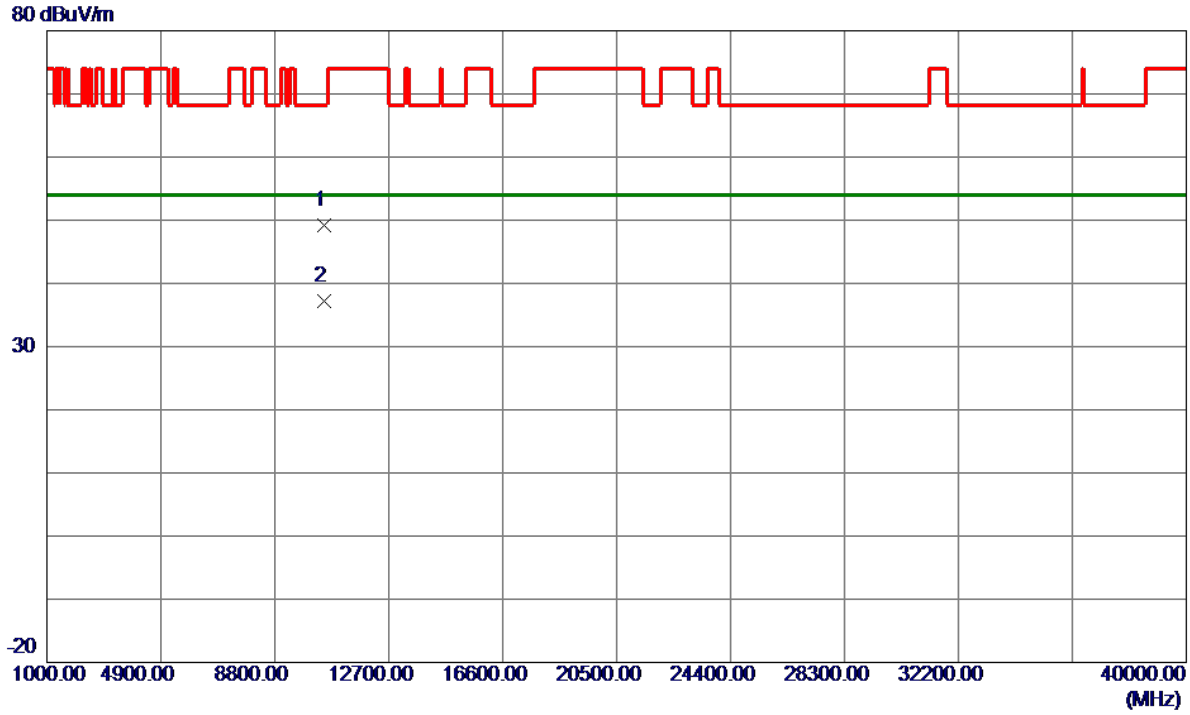
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5110.8000	42.71	17.75	60.46	74.00	-13.54	Peak	
2	5110.8000	33.72	17.75	51.47	54.00	-2.53	AVG	
3	5150.0000	40.82	17.90	58.72	74.00	-15.28	Peak	
4	5150.0000	32.63	17.90	50.53	54.00	-3.47	AVG	
5 *	5246.0000	86.36	18.27	104.63	68.20	36.43	Peak	No Limit
6	5254.0000	77.46	18.30	95.76	999.00	-903.24	AVG	No Limit
7	5350.0000	42.88	18.67	61.55	74.00	-12.45	Peak	
8	5350.0000	34.38	18.67	53.05	54.00	-0.95	AVG	

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

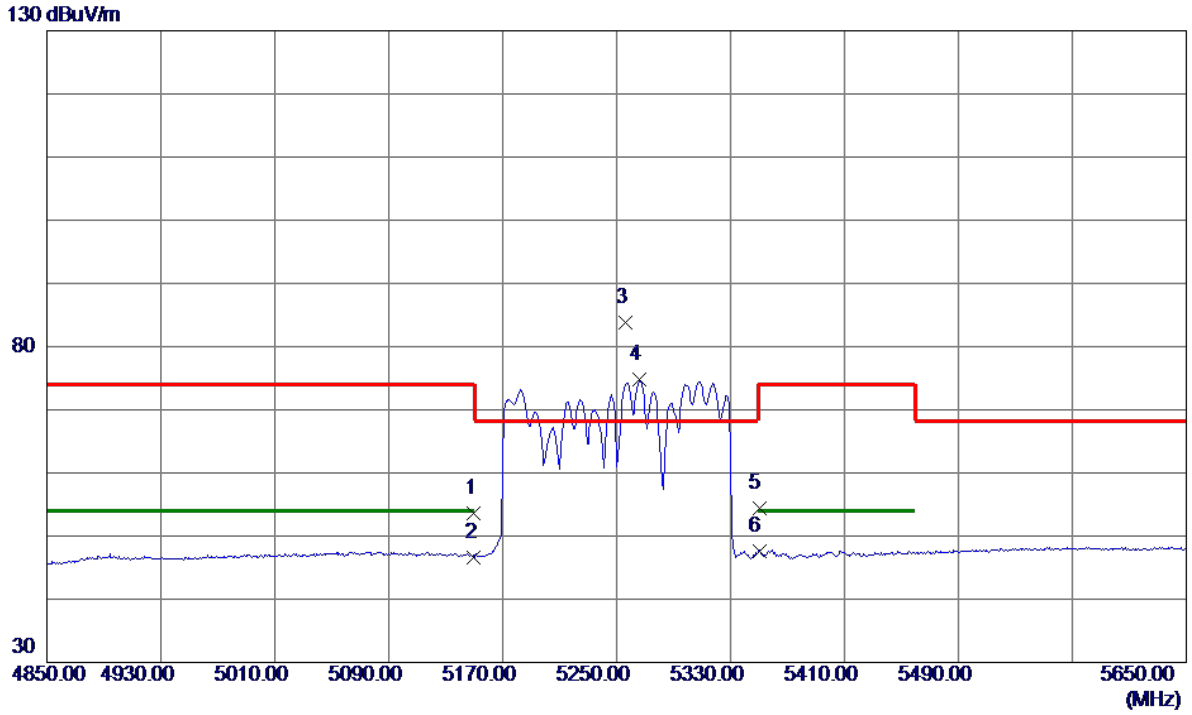
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10493.5599	33.43	15.76	49.19	68.30	-19.11	Peak	
2 *	10499.5599	21.36	15.77	37.13	54.00	-16.87	AVG	

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

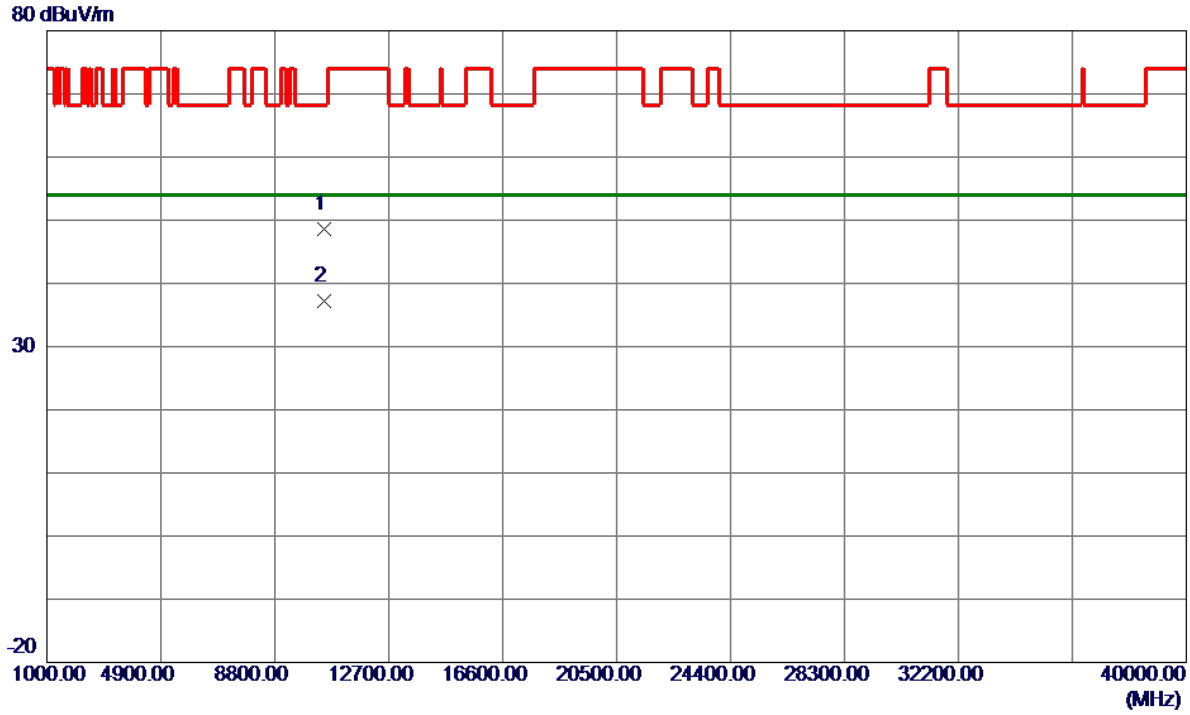
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	35.62	17.90	53.52	74.00	-20.48	Peak	
2	5150.0000	28.76	17.90	46.66	54.00	-7.34	AVG	
3 *	5256.4000	65.53	18.31	83.84	68.20	15.64	Peak	No Limit
4	5266.0000	56.39	18.35	74.74	999.00	-924.26	AVG	No Limit
5	5350.0000	35.70	18.67	54.37	74.00	-19.63	Peak	
6	5350.0000	28.97	18.67	47.64	54.00	-6.36	AVG	

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

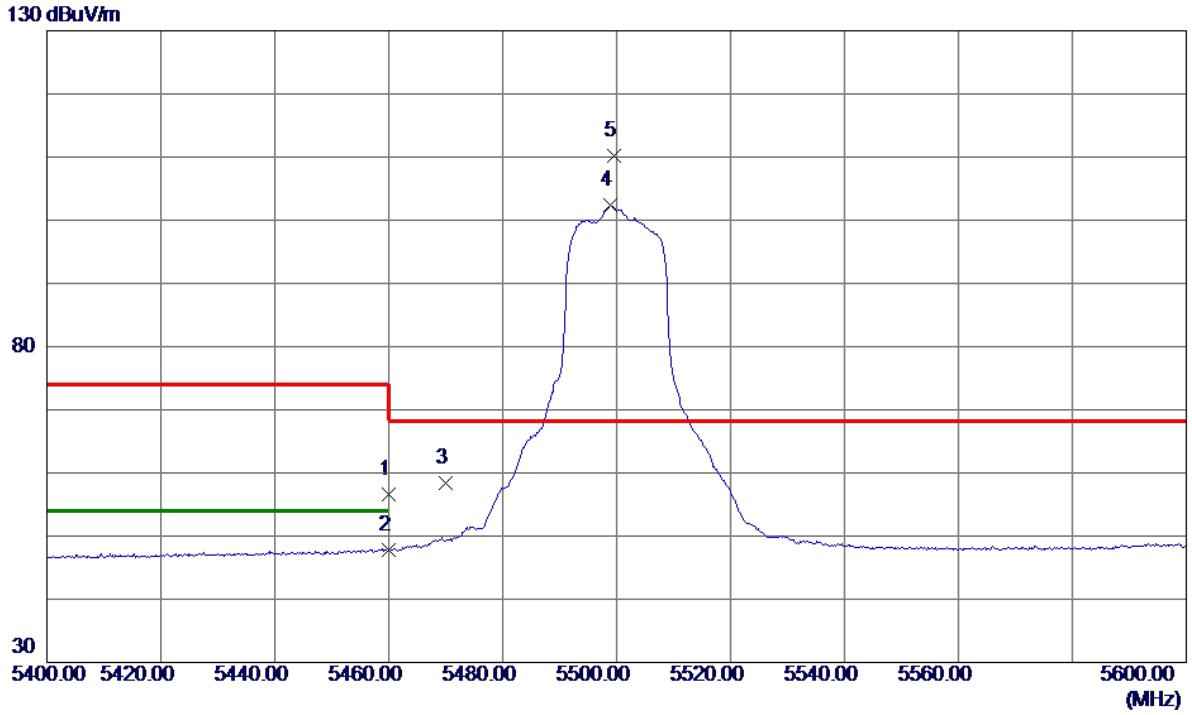
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10497.9400	32.91	15.77	48.68	68.30	-19.62	Peak	
2 *	10499.8600	21.52	15.77	37.29	54.00	-16.71	AVG	

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

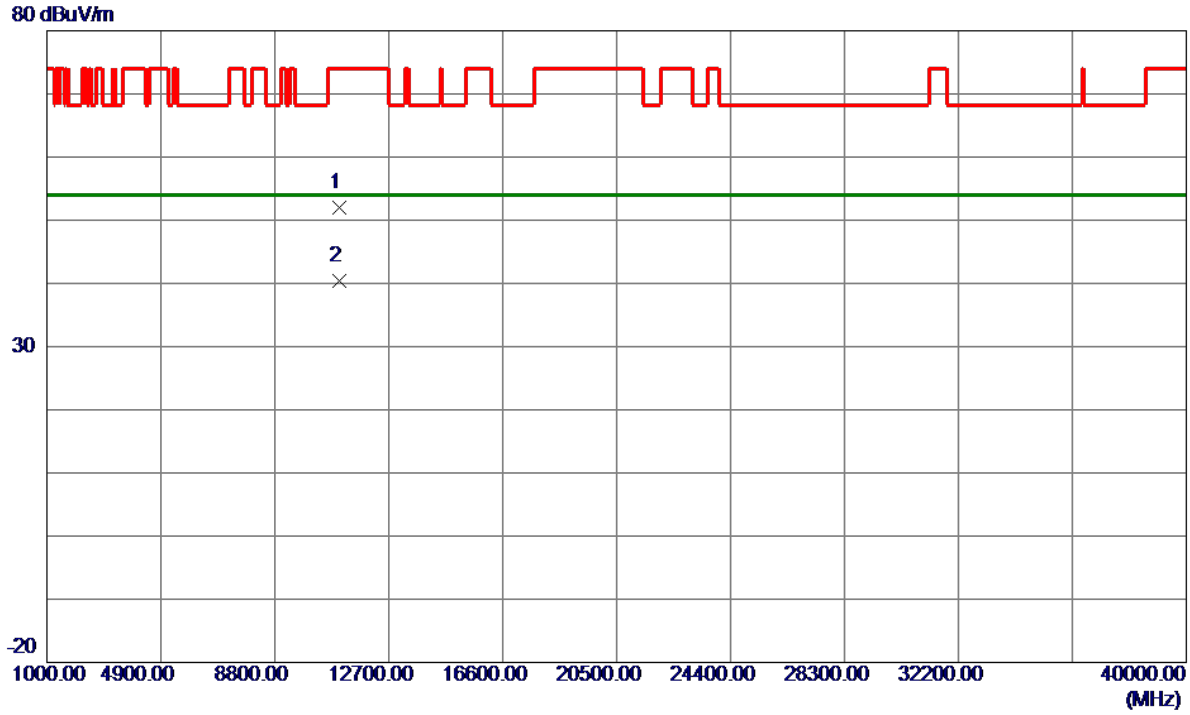
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	37.45	19.10	56.55	74.00	-17.45	Peak	
2	5460.0000	28.72	19.10	47.82	54.00	-6.18	AVG	
3	5470.0000	39.35	19.14	58.49	68.20	-9.71	Peak	
4	5498.8000	83.06	19.25	102.31	999.00	-896.69	AVG	No Limit
5 *	5499.6000	90.93	19.25	110.18	68.20	41.98	Peak	No Limit

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

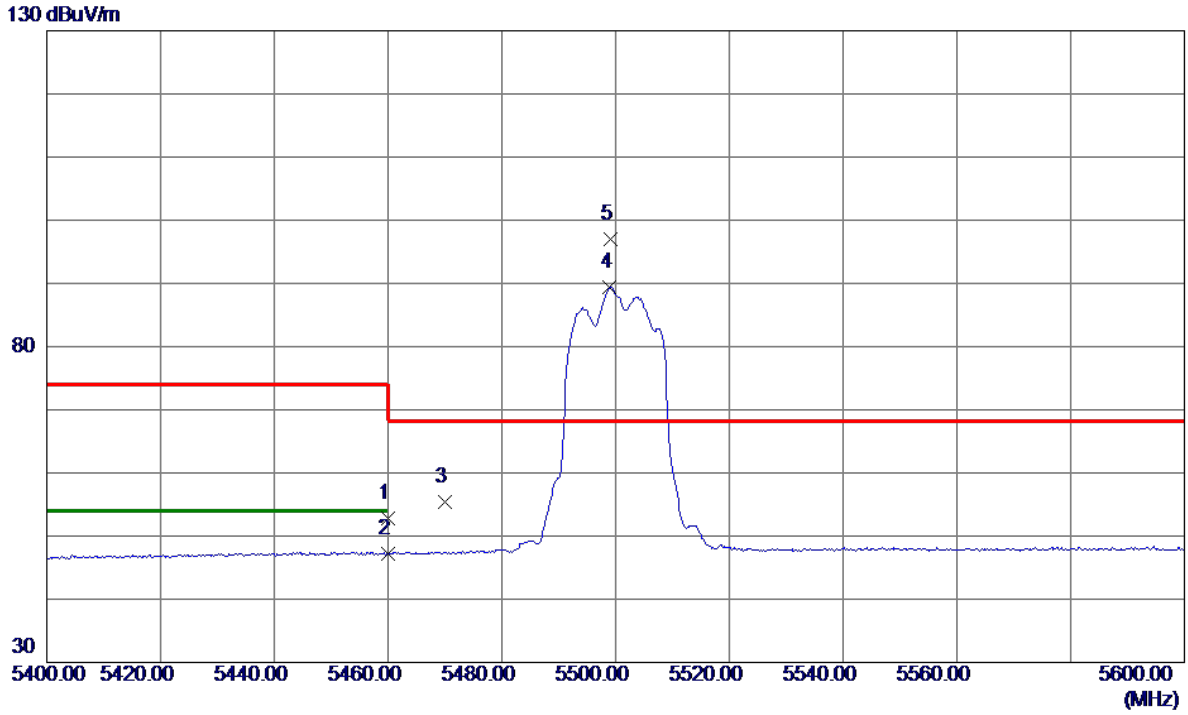
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10999.6400	35.87	16.08	51.95	74.00	-22.05	Peak	
2 *	10999.8400	24.36	16.08	40.44	54.00	-13.56	AVG	

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

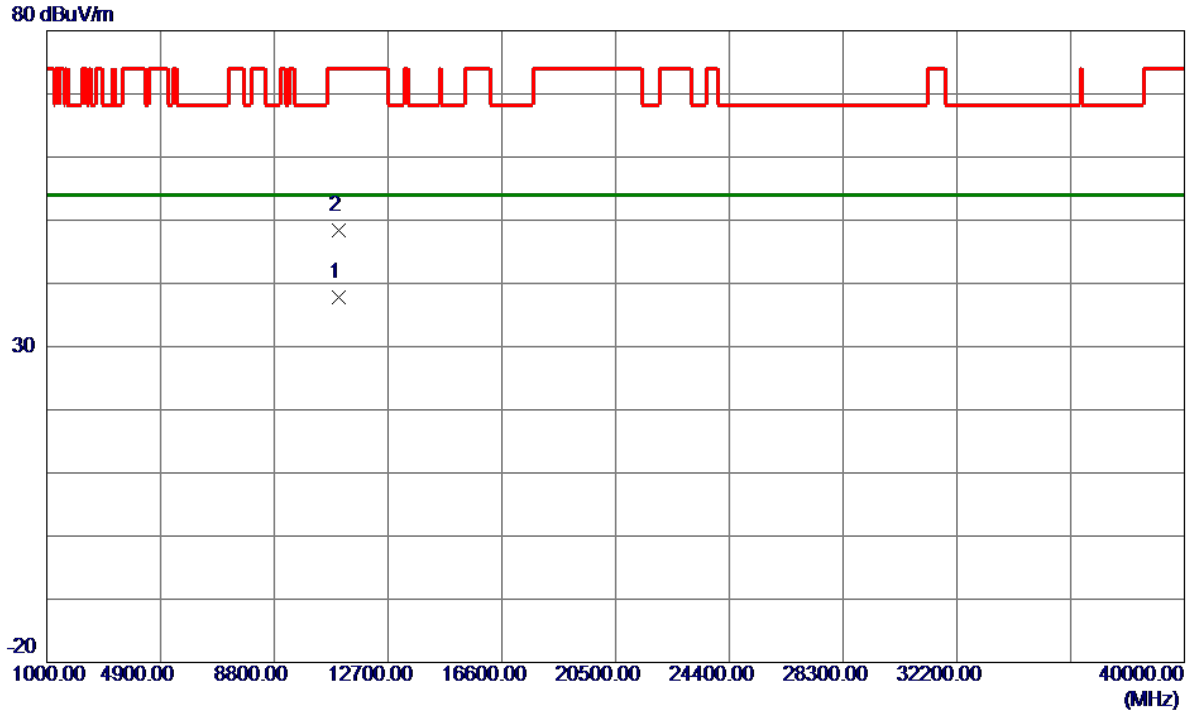
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	33.64	19.10	52.74	74.00	-21.26	Peak	
2	5460.0000	28.19	19.10	47.29	54.00	-6.71	AVG	
3	5470.0000	36.35	19.14	55.49	68.20	-12.71	Peak	
4	5499.0000	70.22	19.25	89.47	999.00	-909.53	AVG	No Limit
5 *	5499.2000	77.66	19.25	96.91	68.20	28.71	Peak	No Limit

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

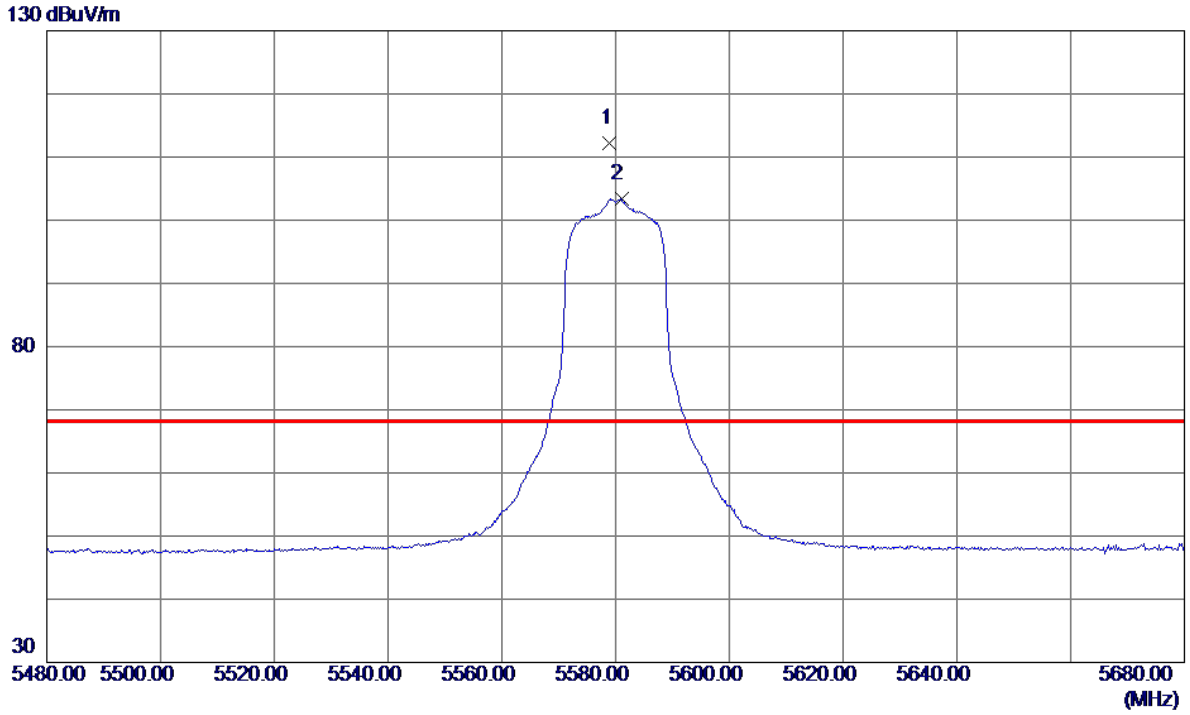
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10999.8850	21.64	16.08	37.72	54.00	-16.28	AVG	
2	10999.9450	32.28	16.08	48.36	74.00	-25.64	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 *	5579.0000	92.81	19.47	112.28	68.20	44.08	Peak	No Limit
2	5581.0000	83.94	19.48	103.42	999.00	-895.58	AVG	No Limit

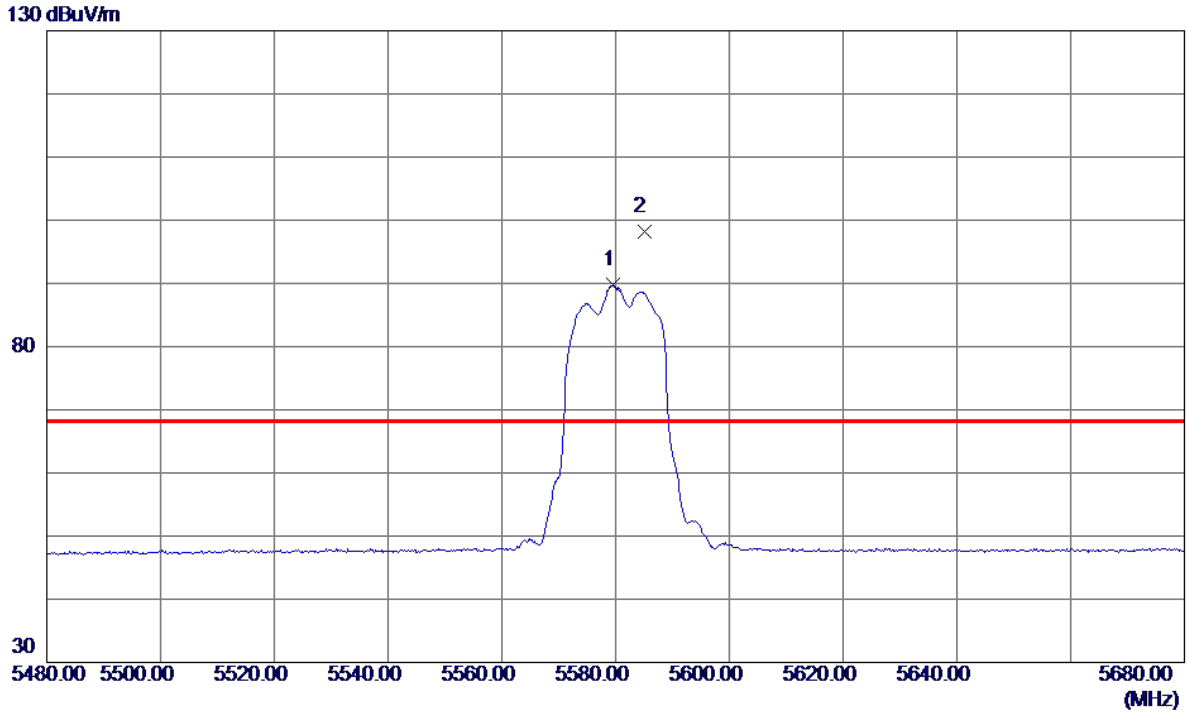
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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 *	11159.8600	22.86	16.27	39.13	54.00	-14.87	AVG	
2	11159.8800	33.25	16.27	49.52	74.00	-24.48	Peak	

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

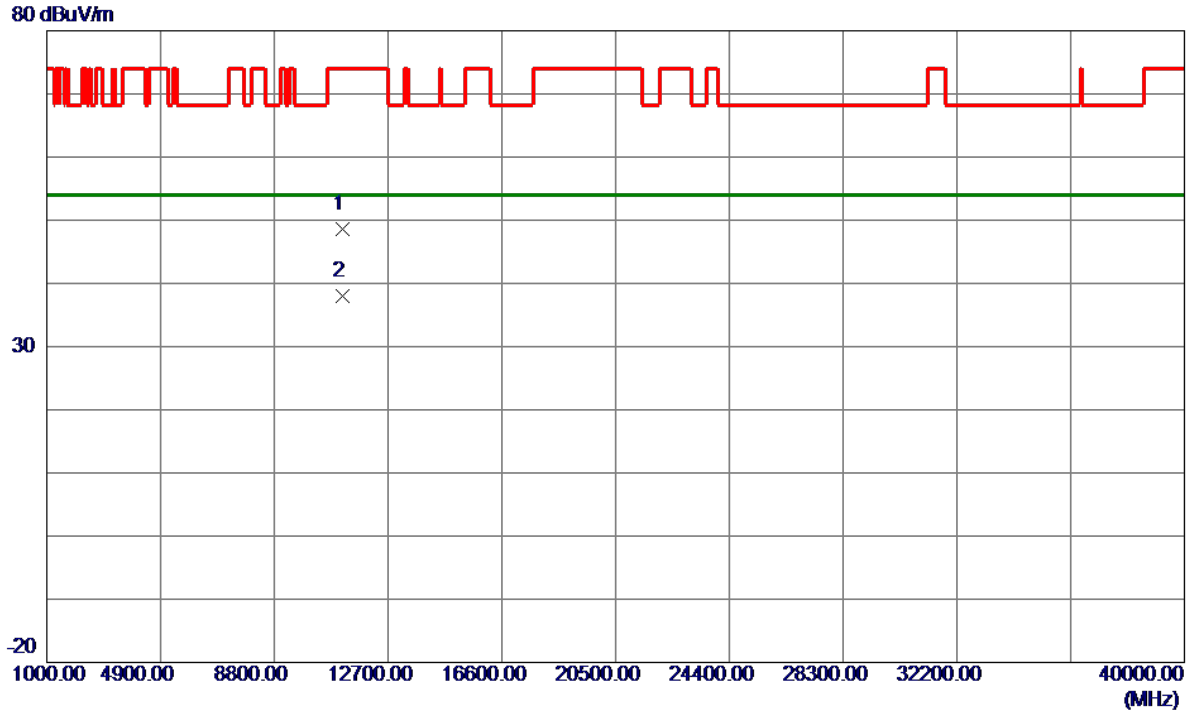
Test Mode	UNII-2C_TX A Mode 5580 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5579.6000	70.25	19.47	89.72	999.00	-909.28	AVG	No Limit
2 *	5585.0000	78.71	19.49	98.20	68.20	30.00	Peak	No Limit

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

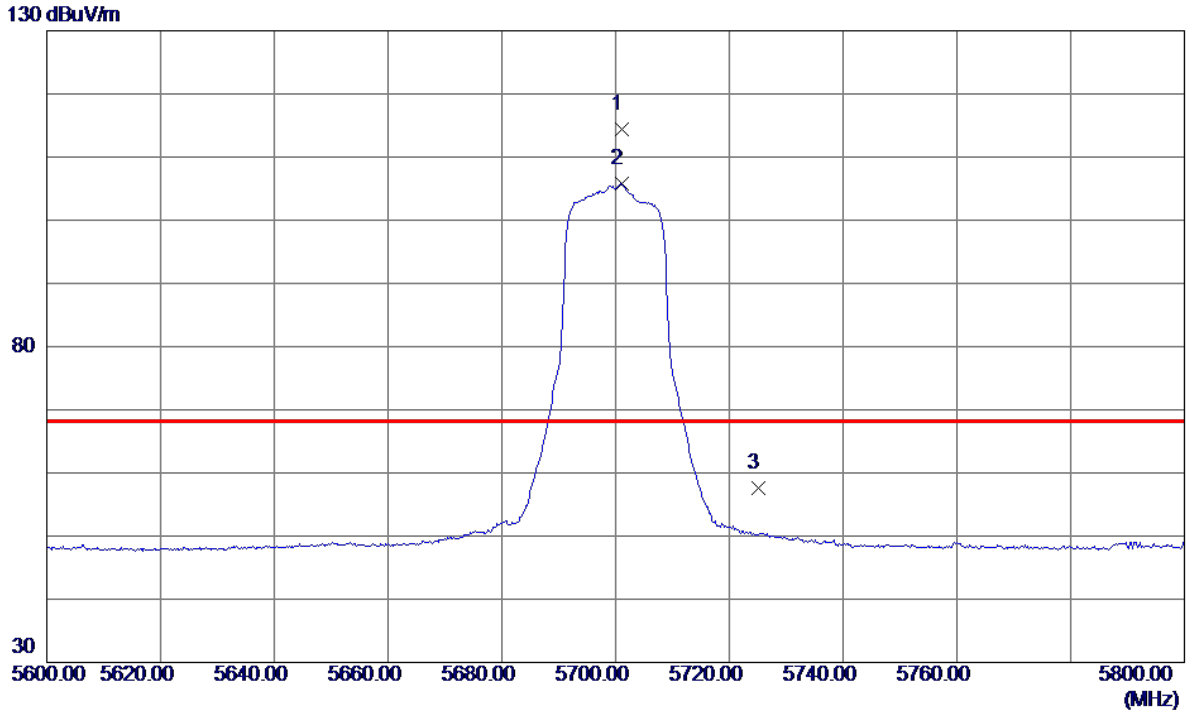
Test Mode	UNII-2C_TX A Mode 5580 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11155.6200	32.38	16.26	48.64	74.00	-25.36	Peak	
2 *	11159.8200	21.68	16.27	37.95	54.00	-16.05	AVG	

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

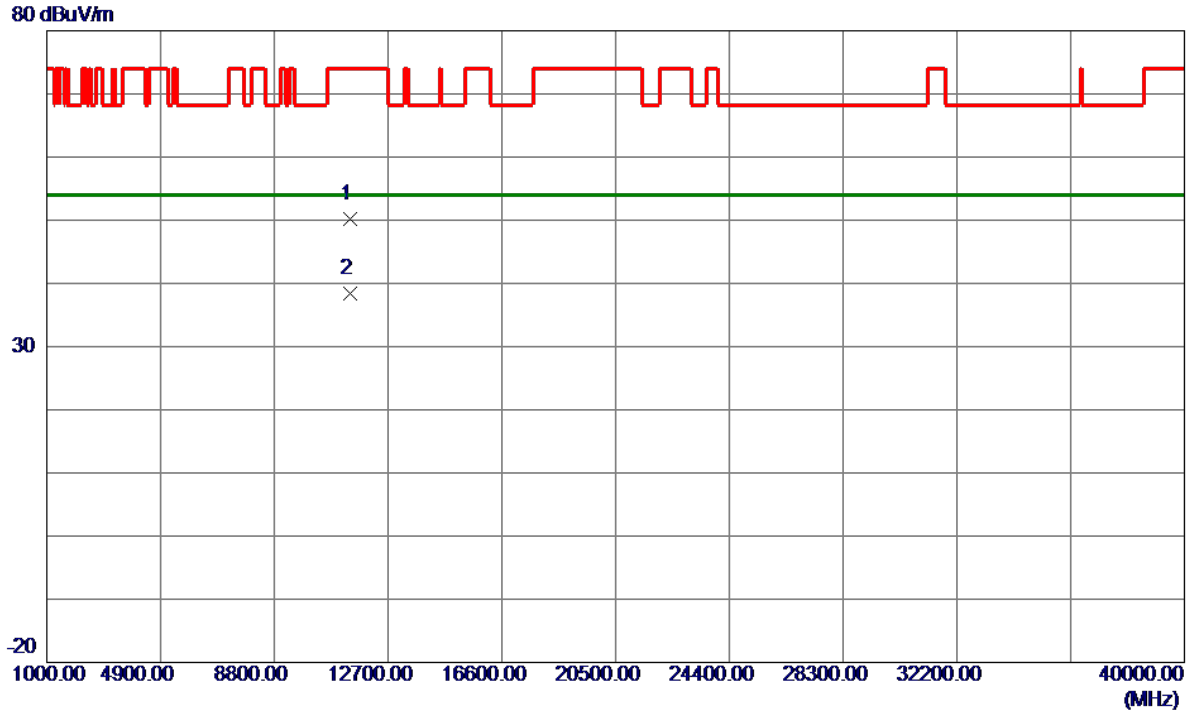
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5701.0000	94.62	19.81	114.43	68.20	46.23	Peak	No Limit
2	5701.0000	85.92	19.81	105.73	999.00	-893.27	AVG	No Limit
3	5725.0000	37.73	19.88	57.61	68.20	-10.59	Peak	

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

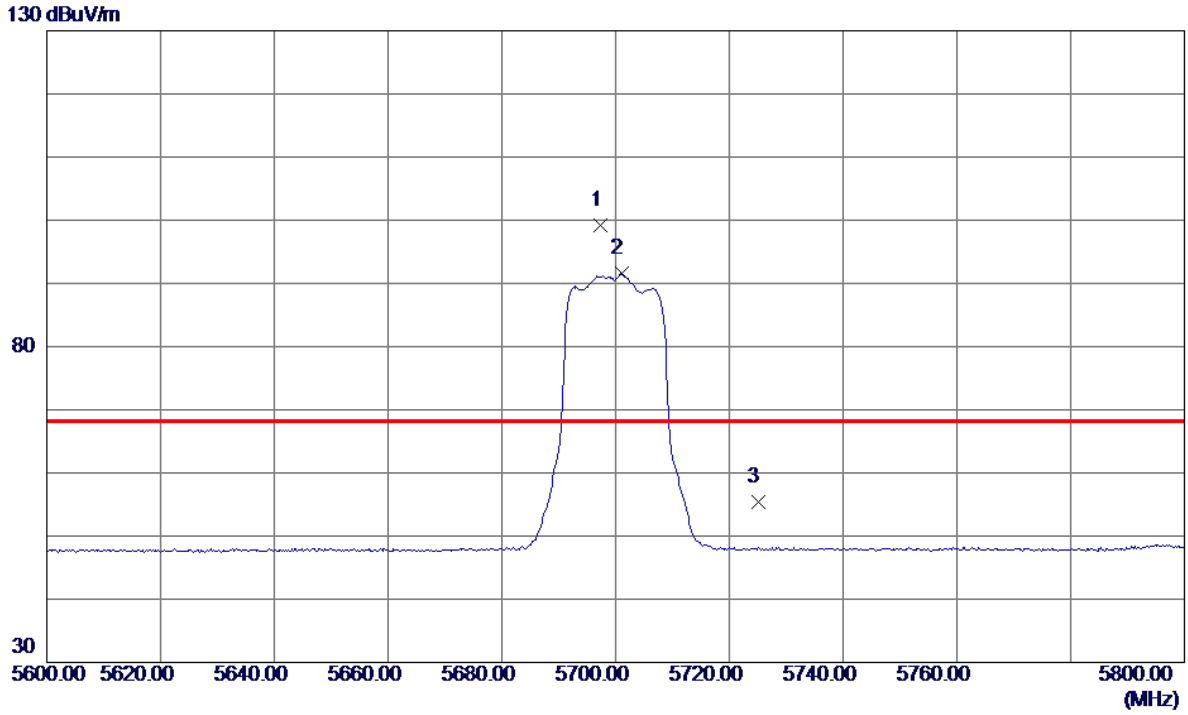
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11399.2200	33.73	16.54	50.27	74.00	-23.73	Peak	
2 *	11399.8400	21.80	16.54	38.34	54.00	-15.66	AVG	

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

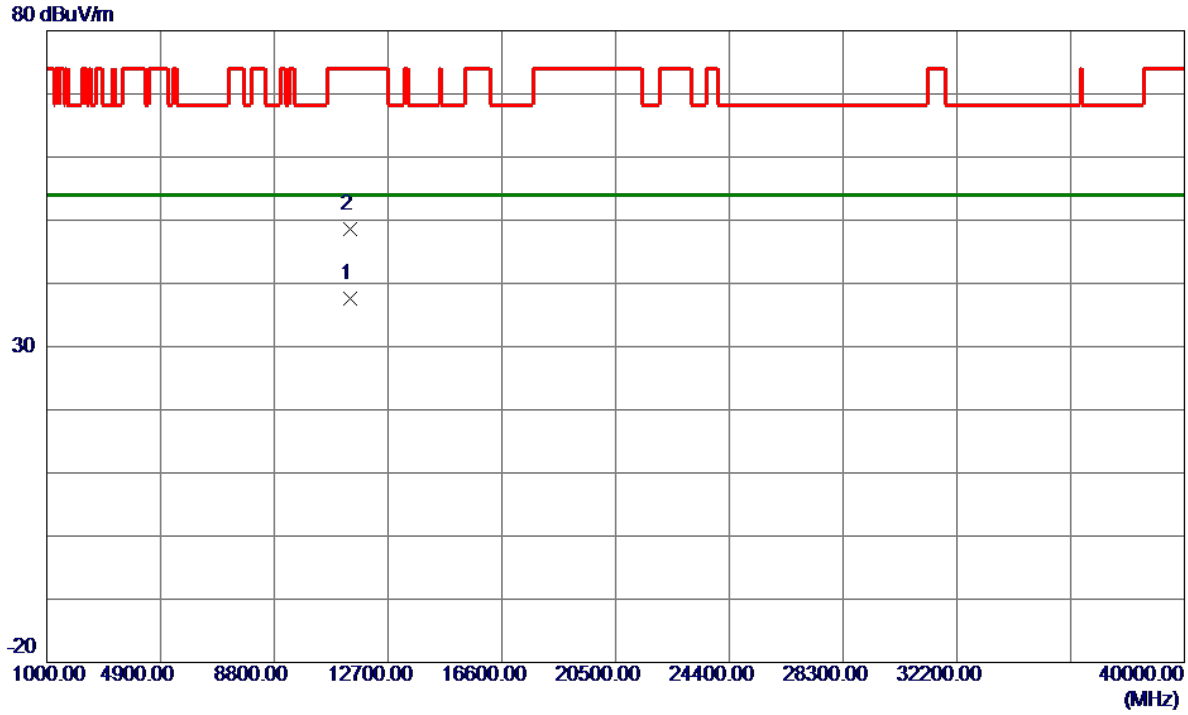
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5697.4000	79.35	19.80	99.15	68.20	30.95	Peak	No Limit
2	5701.0000	71.75	19.81	91.56	999.00	-907.44	AVG	No Limit
3	5725.0000	35.43	19.88	55.31	68.20	-12.89	Peak	

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

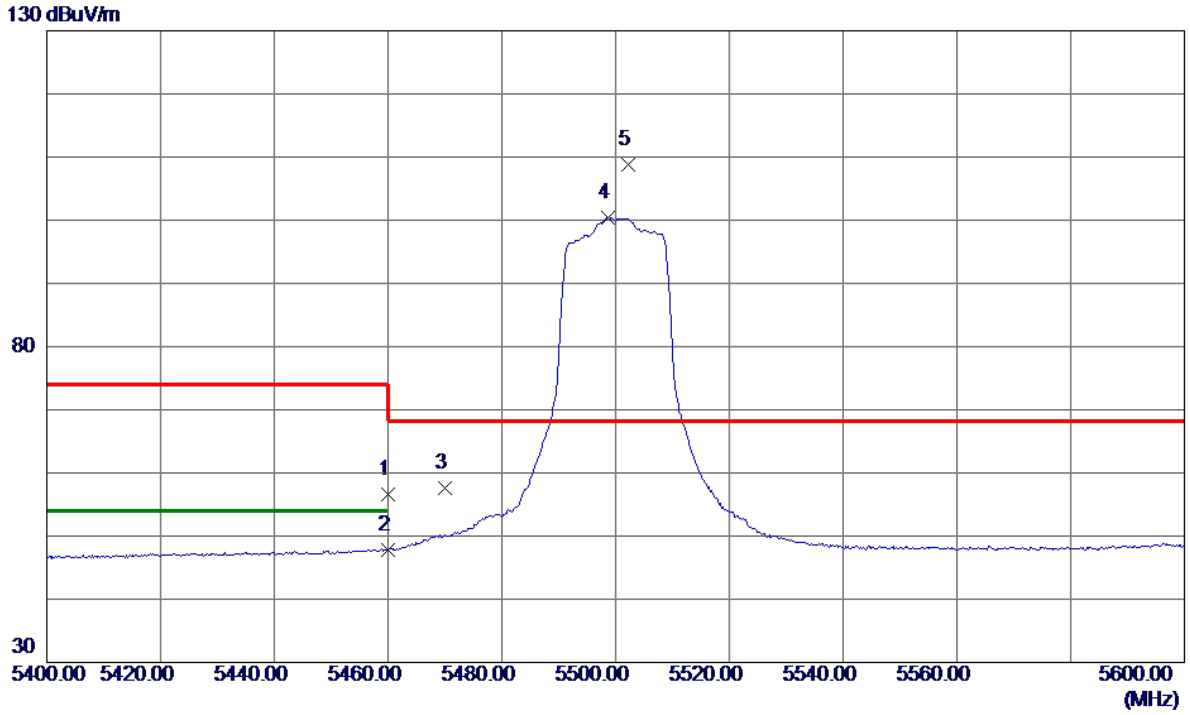
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11399.7600	21.12	16.54	37.66	54.00	-16.34	AVG	
2	11409.5599	32.01	16.56	48.57	74.00	-25.43	Peak	

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

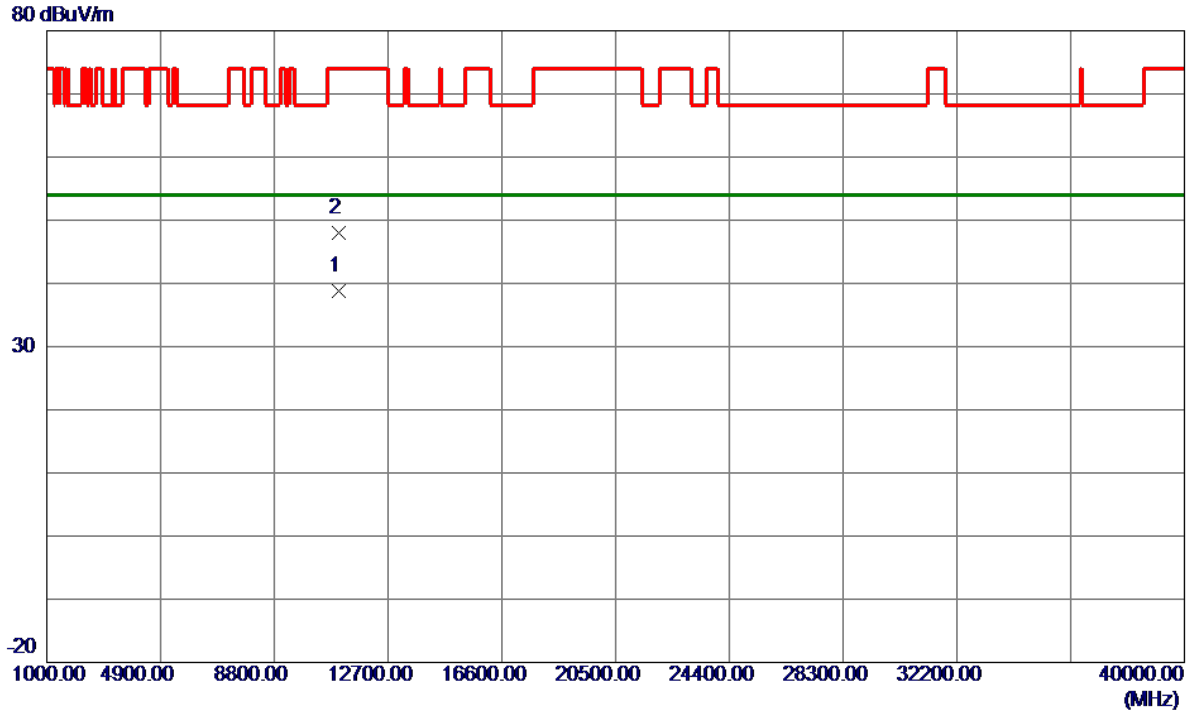
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	37.41	19.10	56.51	74.00	-17.49	Peak	
2	5460.0000	28.77	19.10	47.87	54.00	-6.13	AVG	
3	5470.0000	38.39	19.14	57.53	68.20	-10.67	Peak	
4	5498.6000	81.17	19.25	100.42	999.00	-898.58	AVG	No Limit
5 *	5502.2000	89.48	19.26	108.74	68.20	40.54	Peak	No Limit

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

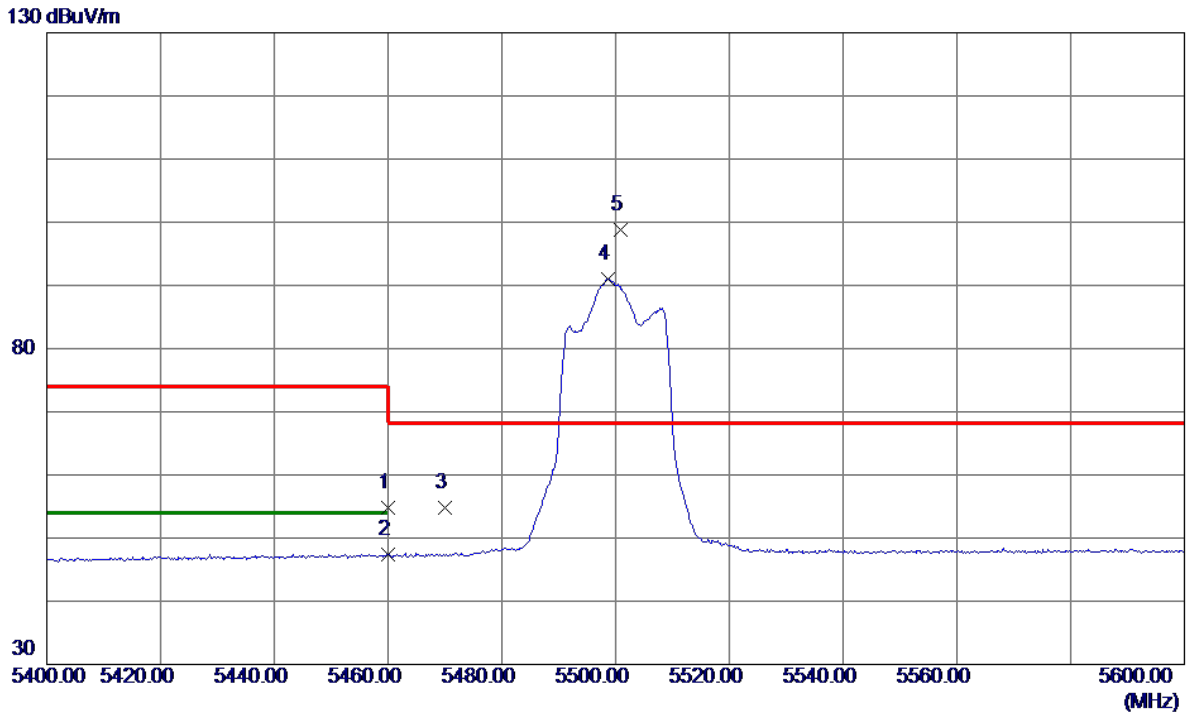
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10999.8200	22.71	16.08	38.79	54.00	-15.21	AVG	
2	11003.9800	31.91	16.08	47.99	74.00	-26.01	Peak	

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

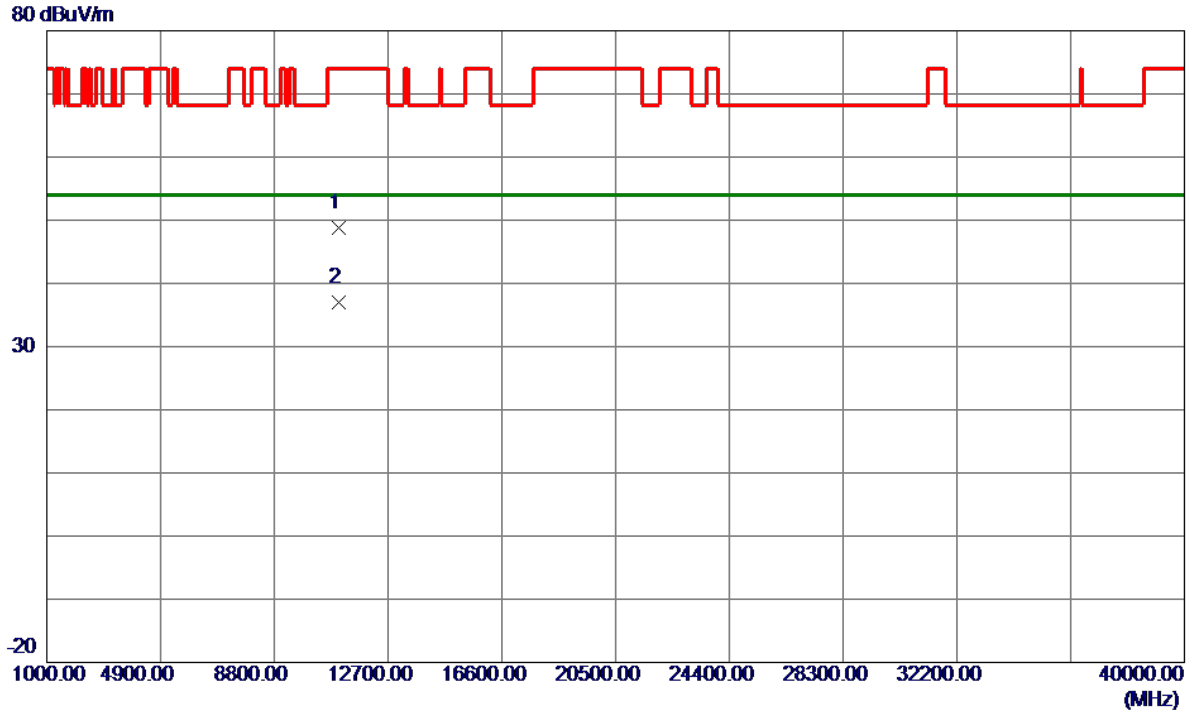
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	35.63	19.10	54.73	74.00	-19.27	Peak	
2	5460.0000	28.34	19.10	47.44	54.00	-6.56	AVG	
3	5470.0000	35.58	19.14	54.72	68.20	-13.48	Peak	
4	5498.6000	71.73	19.25	90.98	999.00	-908.02	AVG	No Limit
5 *	5500.8000	79.61	19.25	98.86	68.20	30.66	Peak	No Limit

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

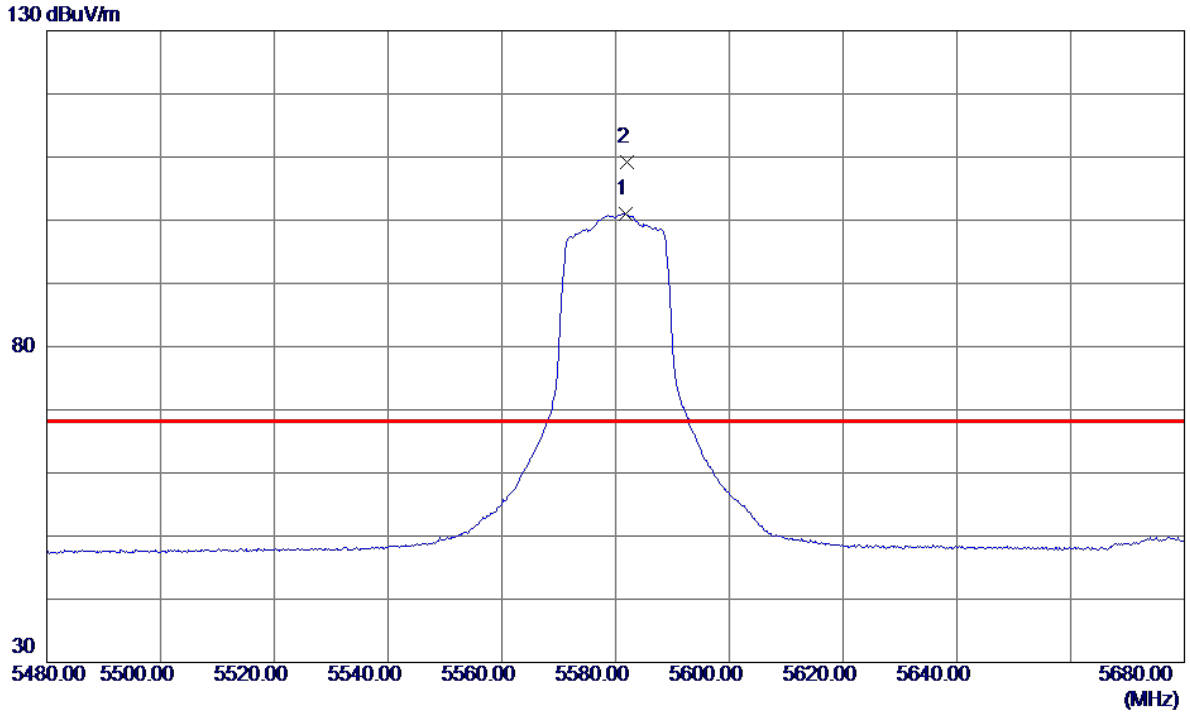
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10994.3800	32.67	16.08	48.75	74.00	-25.25	Peak	
2 *	10999.9400	21.01	16.08	37.09	54.00	-16.91	AVG	

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	5581.8000	81.54	19.48	101.02	999.00	-897.98	AVG	No Limit
2 *	5582.0000	89.73	19.48	109.21	68.20	41.01	Peak	No Limit

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