TESTING
NVLAP LAB CODE 600354-0

FCC Radio Test Report

FCC ID: 2APRGAP01

This report concerns: Original Grant

Project No.	:	2310G131C
Equipment	:	AX3000 Ceiling Mount Wi-Fi 6 Access Point with 2.5G Port
Brand Name	:	Cudy
Test Model	:	AP3000
Series Model	:	N/A
Applicant	:	Shenzhen Cudy Technology Co., Ltd.
Address	:	Room A606, Gaoxinqi Industrial Park, Liuxianyi Road, Baoan District, Shenzhen, China
Manufacturer	:	Shenzhen Cudy Technology Co., Ltd.
Address	:	Room A606, Gaoxinqi Industrial Park, Liuxianyi Road, Baoan District, Shenzhen, China
Factory	:	Shenzhen Cudy Technology Co., Ltd.
Address	:	Room A606, Gaoxinqi Industrial Park, Liuxianyi Road, Baoan District, Shenzhen, China
Date of Receipt	:	Dec. 15, 2023
Date of Test	:	Dec. 19, 2023 ~ Feb. 22, 2024 Mar. 18, 2024
Issued Date	:	Mar. 18, 2024
Report Version	:	R01
Test Sample	:	Engineering Sample No.: SSL20231215195
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart E

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

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Declaration

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

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

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

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

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

Limitation

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

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2310G131C	R00	Original Report.	Mar. 07, 2024	Invalid
BTL-FCCP-2-2310G131C	R01	Modified the comments.	Mar. 18, 2024	Valid

1. APPLICABLE STANDARDS

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

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

Note:
(1) "N/A" denotes test is not applicable in this test report.
(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
(3) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
(4) For UNII-1 this device was functioned as a
☐ Outdoor access point device
☒ Indoor access point device
☐ Fixed point-to-point access points device
☐ Client device

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:
For Radiated Emissions(30MHz~40GHz) and Conducted Items:
Room 108, Building 2, No. 1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong 523000.
BTL's Registration Number for FCC: 568794
BTL's Designation Number for FCC: CN5041

For Radiated Emissions(9KHz~30MHz) and AC power line conducted emissions Items:
No. 3 Jinshagang 1st Rd. Shixia, Dalang Town, Dongguan City, Guangdong 523792.
BTL's Registration Number for FCC: 162128
BTL's Designation Number for FCC: CN5042

2.2 MEASUREMENT UNCERTAINTY

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

A. AC power line conducted emissions test:

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

B. Radiated emissions test:

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

Test Site	Method	Measurement Frequency Range	Ant. H / V	*U*,(dB)
SSL-CB01 (3m)	CISPR	30MHz ~ 200MHz	V	4.70
		30MHz ~ 200MHz	H	3.56
		200MHz ~ 1,000MHz	V	4.92
		200MHz ~ 1,000MHz	H	4.54

Test Site	Method	Measurement Frequency Range	*U*,(dB)
SSL-CB01 (3m)	CISPR	1GHz ~ 6GHz	4.56
		6GHz ~ 18GHz	5.14

Test Site	Method	Measurement Frequency Range	*U*,(dB)
SSL-CB01 (1m)	CISPR	18 ~ 26.5 GHz	3.30
		26.5 ~ 40 GHz	3.82

C. Other Measurement test:

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

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

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
AC Power Line Conducted Emissions	20°C	39%	AC 120V/60Hz	Hayden Chen	Dec. 26, 2023
Radiated Emissions-9kHz to 30MHz	22°C	51%	AC 120V/60Hz	Hayden Chen	Jan. 23, 2024
Radiated Emissions-30MHz to 1000MHz	23°C	46%	AC 120V/60Hz	Max Wang	Jan. 26, 2024
Radiated Emissions-Above 1000 MHz	24°C	42%	AC 120V/60Hz	Max Wang	Jan. 18, 2024, Jan. 21, 2024
Bandwidth	23-24°C	51-53%	DC 12V	Tember Zhuang	Jan. 18, 2024 Jan. 19, 2024
Maximum Output Power	21-25°C	47-51%	DC 12V	Evan Fang Oliver Wang	Jan. 17, 2024~ Jan. 26, 2024 Feb. 22, 2024 Mar. 18, 2024
Power Spectral Density	23-24°C	51-53%	DC 12V	Tember Zhuang	Jan. 18, 2024~ Jan. 19, 2024 Feb. 20, 2024~ Feb. 22, 2024
Frequency Stability	Normal & Extreme	51-53%	Normal & Extreme	Tember Zhuang	Jan. 19, 2024

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AX3000 Ceiling Mount Wi-Fi 6 Access Point with 2.5G Port
Brand Name	Cudy
Test Model	AP3000
Series Model	N/A
Model Difference(s)	N/A
Software Version	FW1.16.4
Hardware Version	V1
Power Source	1# DC Voltage supplied from AC adapter. Model: TPA259-18120-US 2# Supplied from PoE port.
Power Rating	1# I/P: 100-240V ~ 50/60Hz 0.6A O/P: 12V ⎓ 1.5A 2# PoE:48V ⎓ 0.32A
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): 25.59 dBm (0.3622 W)
Maximum Output Power _UNII-2A Non Beamforming	IEEE 802.11ac(VHT80): 19.89 dBm (0.0975 W)
Maximum Output Power _UNII-2C Non Beamforming	IEEE 802.11ax(HE80): 19.96 dBm (0.0991 W)
Maximum Output Power _UNII-3 Non Beamforming	IEEE 802.11ac(VHT20): 26.00 dBm (0.3981 W)
Maximum Output Power _UNII-1 Beamforming	IEEE 802.11ac(VHT40): 25.12 dBm (0.3251 W)
Maximum Output Power _UNII-2A Beamforming	IEEE 802.11ax(HE80): 19.49 dBm (0.0889 W)
Maximum Output Power _UNII-2C Beamforming	IEEE 802.11ax(HE40): 19.50 dBm (0.0891 W)
Maximum Output Power _UNII-3 Beamforming	IEEE 802.11ax(HE20): 25.52 dBm (0.3565 W)

Note:

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

2. Channel List:

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

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

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

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

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	South star	3.N101.1162	PCB	N/A	5.27
2	South star	3.N101.1163	PCB	N/A	5.69
3	South star	3.N101.1164	PCB	N/A	4.68

Note:

1) This EUT supports MIMO, any transmit signals are correlated with each other, so Directional gain=10log[($10^{G1/20}$+$10^{G2/20}$+...$10^{GN/20}$)^2/N]dBi, that is Directional gain=10log[($10^{5.27/20}$+$10^{5.69/20}$+$10^{4.68/20}$)^2/3]dBi =9.99. So, the UNII-1, UNII-3 output power limit is 30-(9.99-6)=26.01, the UNII-2A, UNII-2C output power limit is 23.98-(9.99-6)=19.99. The UNII-1 power spectral density limit is 17-(9.99-6)=13.01, the UNII-2A, UNII-2C power spectral density limit is 11-(9.99-6)=7.01, the UNII-3 power spectral density limit is 30-(9.99-6)=26.01.
2) Beamforming gain is 3dB. So Directional gain=3+5.69=8.69.
3) Any one of the three antennas is used as an intelligent switching antenna, and the antenna data stream is NSS2 when used.

4. Table for Antenna Configuration:

Non Beamforming:

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

Beamforming:

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

3.2 TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX 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 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 33	TX A Mode Channel 165 (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(VHT20) Mode Channel 165 (UNII-3)

Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 33	TX AC(VHT20) Mode Channel 165 (UNII-3)

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX 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 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)

Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)

Maximum Output Power_Beamforming Test	
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 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)

Maximum Output Power &Other Conducted_Non Beamforming Test	
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 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)

Note:
(1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX AC(VHT20) Mode Channel 165 (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) For radiated emission above 1 GHz test, the polarization of and Horizontal are evaluated, the worst case of Harmonic is Vertical and the worst case of band edge is Horizontal. Only the worst cases are recorded in the report
(6) 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.
(7) For radiated spurious emissions below 1 GHz test, AC adapter supply and PoE supply had been evaluated. The worst case is AC adapter supplyand recorded.

3.3 PARAMETERS OF TEST SOFTWARE

Non Beamforming

UNII-1			
Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	16.5	16.5	16.5
IEEE 802.11ac(VHT20)	19	19	18.5
IEEE 802.11ax(HE20)	19	19	18.5
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	20	21	
IEEE 802.11ax(HE40)	20	21	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	17		
IEEE 802.11ax(HE80)	16		

UNII-2A			
Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	10	10.5	10.5
IEEE 802.11ac(VHT20)	12.5	13	13
IEEE 802.11ax(HE20)	12.5	13	13
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	15	15	
IEEE 802.11ax(HE40)	15	14	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	16		
IEEE 802.11ax(HE80)	15		

UNII-1+UNII-2A	
Test Software Version	QATool_Dbg 0.0.2.78
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	16
IEEE 802.11ax(HE160)	15

UNII-2C			
Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	11	9.5	10
IEEE 802.11ac(VHT20)	13	12	12
IEEE 802.11ax(HE20)	13.5	13	13
Frequency (MHz)	5510	5550	5670
IEEE 802.11ac(VHT40)	14.5	14.5	14.5
IEEE 802.11ax(HE40)	14	14	13
Frequency (MHz)	5530	5610	
IEEE 802.11ac(VHT80)	17	17	
IEEE 802.11ax(HE80)	14.5	15	
Frequency (MHz)	5570		
IEEE 802.11ac(VHT160)	20		
IEEE 802.11ax(HE160)	14.5		

UNII-3			
Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	22	22	22
IEEE 802.11ac(VHT20)	24	24	24
IEEE 802.11ax(HE20)	24	24	24
Frequency (MHz)	5755	5795	
IEEE 802.11ac(VHT40)	21	21.5	
IEEE 802.11ax(HE40)	21	21	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	20		
IEEE 802.11ax(HE80)	20		

Beamforming

UNII-1			
Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	5180	5200	5240
IEEE 802.11ac(VHT20)	18.5	18.5	17.5
IEEE 802.11ax(HE20)	18	18	18
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	19.5	20	
IEEE 802.11ax(HE40)	19.5	14.5	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	16		
IEEE 802.11ax(HE80)	15.5		

UNII-2A			
Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	5260	5300	5320
IEEE 802.11ac(VHT20)	11.5	12	12
IEEE 802.11ax(HE20)	12	12	12.5
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	14	14	
IEEE 802.11ax(HE40)	13.5	13.5	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	15		
IEEE 802.11ax(HE80)	14.5		

UNII-1+UNII-2A	
Test Software Version	QATool_Dbg 0.0.2.78
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	15.5
IEEE 802.11ax(HE160)	14.5

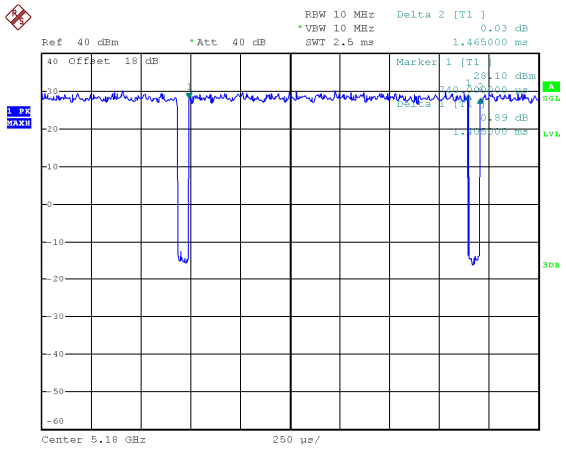
UNII-2C			
Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	5500	5580	5700
IEEE 802.11ac(VHT20)	12	11.5	11.5
IEEE 802.11ax(HE20)	13	11.5	11.5
Frequency (MHz)	5510	5550	5670
IEEE 802.11ac(VHT40)	14	14	13.5
IEEE 802.11ax(HE40)	13.5	12.5	12.5
Frequency (MHz)	5530	5610	
IEEE 802.11ac(VHT80)	15	15	
IEEE 802.11ax(HE80)	14	14	
Frequency (MHz)	5570		
IEEE 802.11ac(VHT160)	15.5		
IEEE 802.11ax(HE160)	14		

UNII-3			
Test Software Version	QATool_Dbg 0.0.2.78		
Frequency (MHz)	5745	5785	5825
IEEE 802.11ac(VHT20)	20	20	20.5
IEEE 802.11ax(HE20)	20	20	20
Frequency (MHz)	5755	5795	
IEEE 802.11ac(VHT40)	20	20	
IEEE 802.11ax(HE40)	20	19.5	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	19.5		
IEEE 802.11ax(HE80)	19.5		

3.4 DUTY CYCLE

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

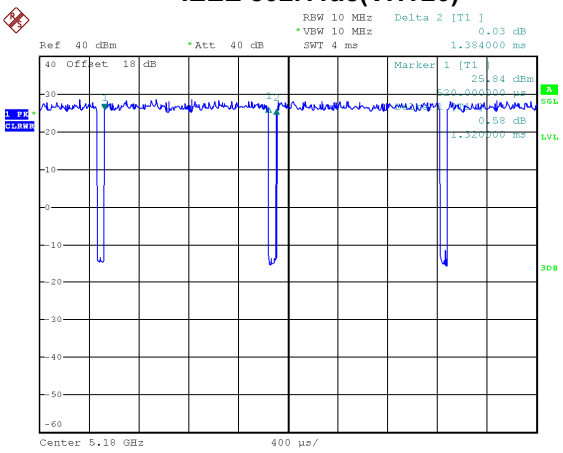
IEEE 802.11a



Date: 18.JAN.2024 10:14:28

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

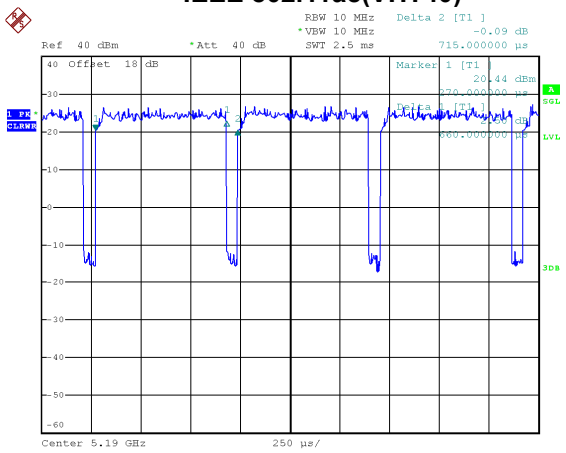
IEEE 802.11ac(VHT20)



Date: 18.JAN.2024 10:16:45

Duty cycle = 1.320 ms / 1.384 ms = 95.38%
Duty Factor = 10 log(1 / Duty cycle) = 0.21

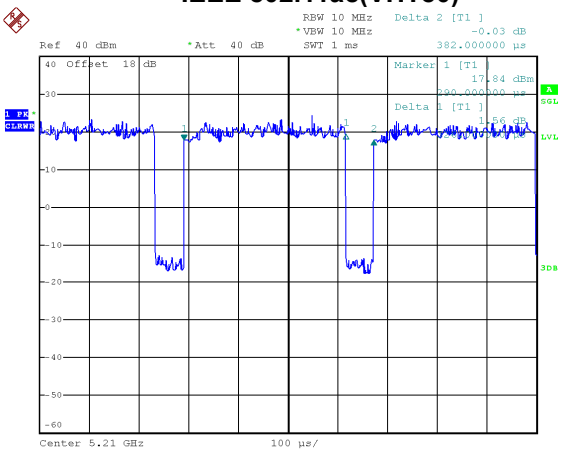
IEEE 802.11ac(VHT40)



Date: 18.JAN.2024 10:18:18

Duty cycle = 0.660 ms / 0.715 ms = 92.31%
Duty Factor = 10 log(1 / Duty cycle) = 0.35

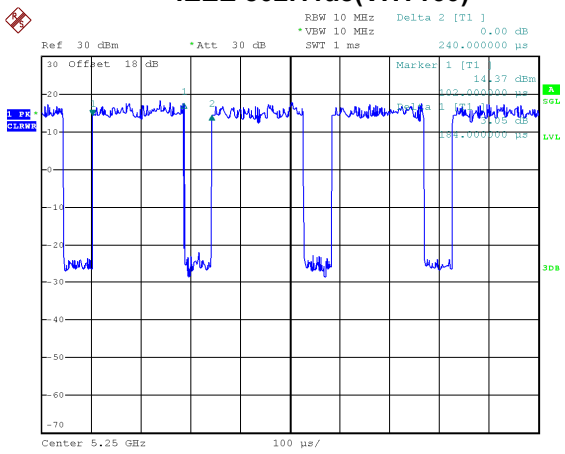
IEEE 802.11ac(VHT80)



Date: 18.JAN.2024 10:19:23

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

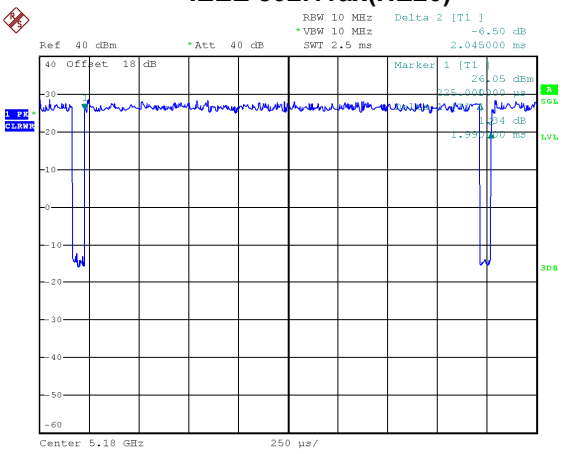
IEEE 802.11ac(VHT160)



Date: 18.JAN.2024 10:21:49

Duty cycle = 0.184 ms / 0.240 ms = 76.67%
Duty Factor = 10 log(1 / Duty cycle) = 1.15

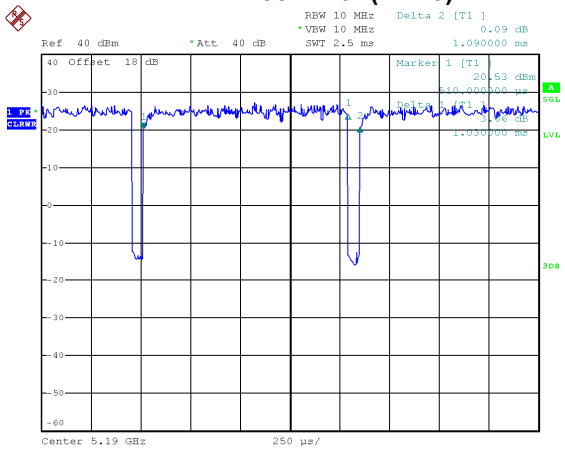
IEEE 802.11ax(HE20)



Date: 18.JAN.2024 10:39:10

Duty cycle = 1.990 ms / 2.045 ms = 97.31%
Duty Factor = 10 log(1 / Duty cycle) = 0.12

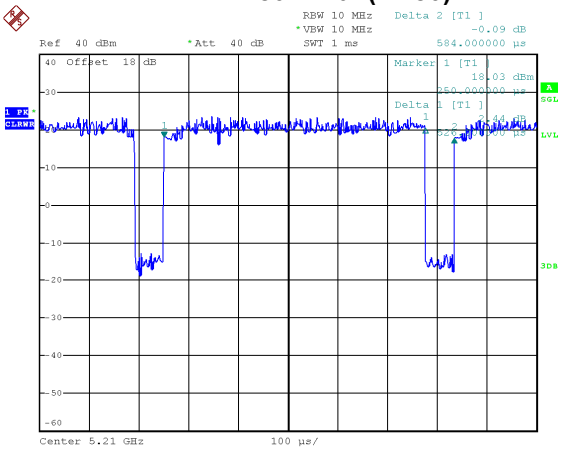
IEEE 802.11ax(HE40)



Date: 18.JAN.2024 10:40:01

Duty cycle = 1.030 ms / 1.090 ms = 94.50%
Duty Factor = 10 log(1 / Duty cycle) = 0.25

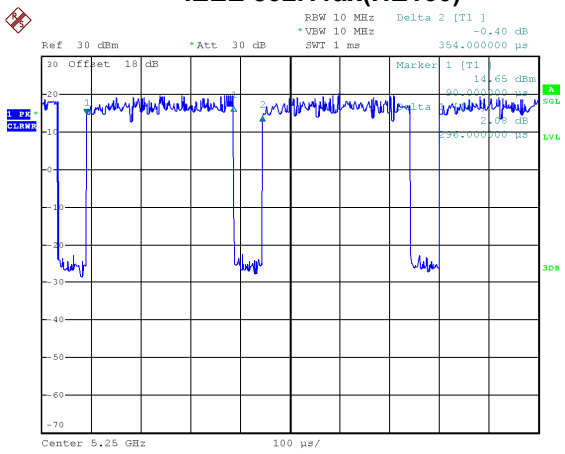
IEEE 802.11ax(HE80)



Date: 18.JAN.2024 10:41:01

Duty cycle = 0.526 ms / 0.584 ms = 90.07%
Duty Factor = 10 log(1 / Duty cycle) = 0.45

IEEE 802.11ax(HE160)



Duty cycle = 0.296 ms / 0.354 ms = 83.62%
Duty Factor = 10 log(1 / Duty cycle) = 0.78

NOTE:
For IEEE 802.11a:
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 712 Hz (Duty cycle < 98%).

For IEEE 802.11n(HT20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 762 Hz (Duty cycle < 98%).

For IEEE 802.11n(HT40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1538 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 758 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1515 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT80):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3067 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 5435 Hz (Duty cycle < 98%).

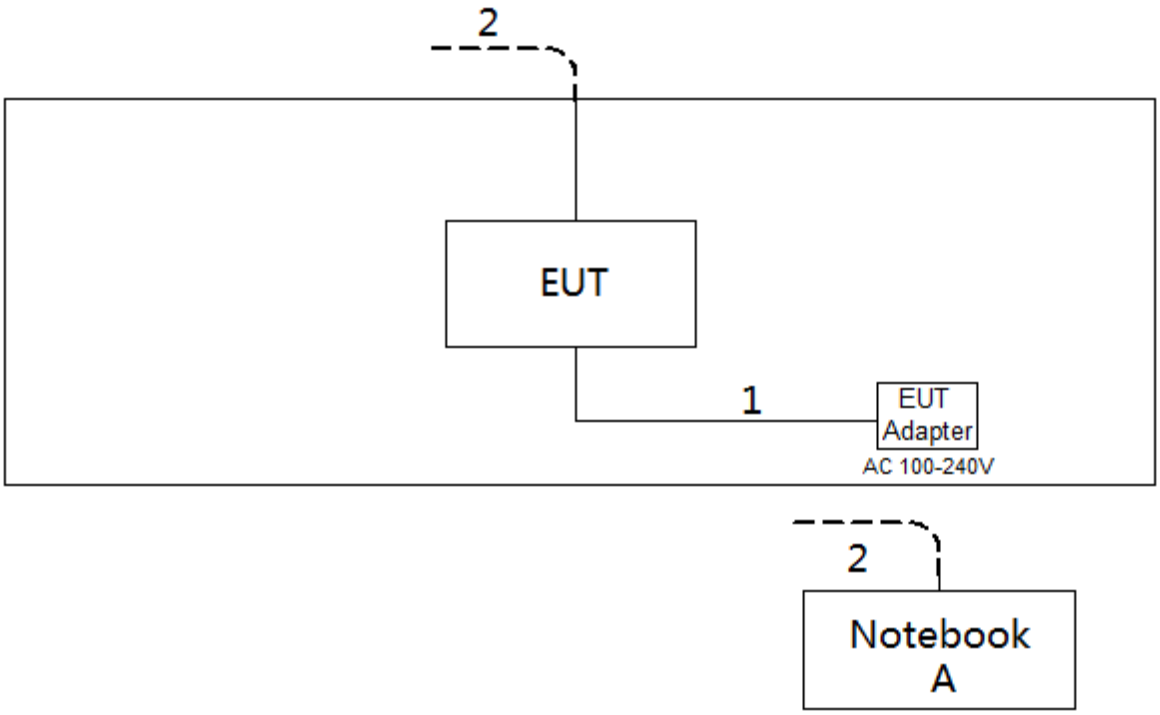
For IEEE 802.11ax(HE20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 503 Hz (Duty cycle < 98%).

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 971 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 1901 Hz (Duty cycle < 98%).

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

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 SUPPORT UNITS

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

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

3.7 CUSTOMER INFORMATION DESCRIPTION

1) The antenna gain and beamforming gain are provided by the manufacturer.
2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. All cable losses are provided by the testing laboratory.

4. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

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

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

4.2 TEST PROCEDURE

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

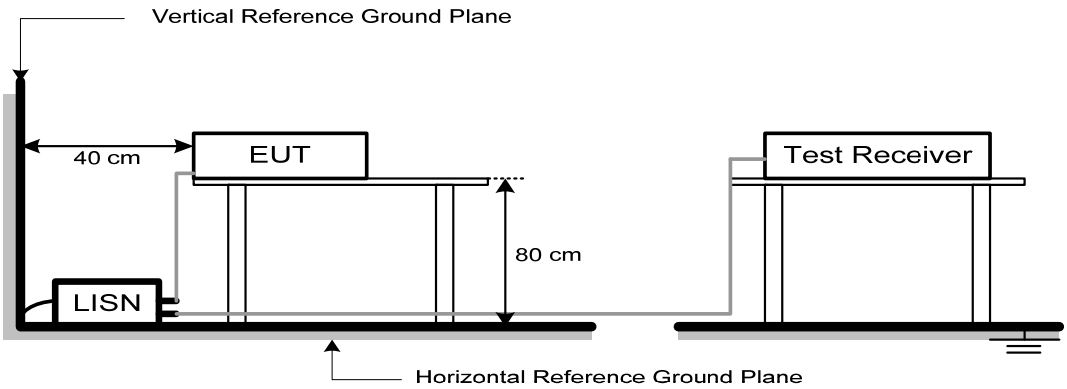
The following table is the setting of the receiver:

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

4.3 DEVIATION FROM TEST STANDARD

No deviation

4.4 TEST SETUP



4.5 EUT OPERATION CONDITIONS

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

4.6 TEST RESULTS

Please refer to the APPENDIX A.

5. RADIATED EMISSIONS

5.1 LIMIT

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

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

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

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

Frequency (MHz)	EIRP Limit (dBm/MHz)	Band edge at 3m (dBμV/m)	Harmonic at 1.5m (dBμV/m)
5150-5250	-27	68.2	74.2 (Note 3)
5250-5350	-27	68.2	74.2 (Note 3)
5470-5725	-27	68.2	74.2 (Note 3)
5725-5850 **NOTE (2)**	-27	68.2	74.2 (Note 3)
	10	105.2	111.2 (Note 3)
	15.6	110.8	116.8 (Note 3)
	27	122.2	128.2 (Note 3)

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.

(3)

$$FS_{\text{limit}} = FS_{\max} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

20log ($d_{limit}/d_{measure}$)=20log (3/1.5)=6 dB.

5.2 TEST PROCEDURE

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

The following table is the setting of the receiver:

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

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

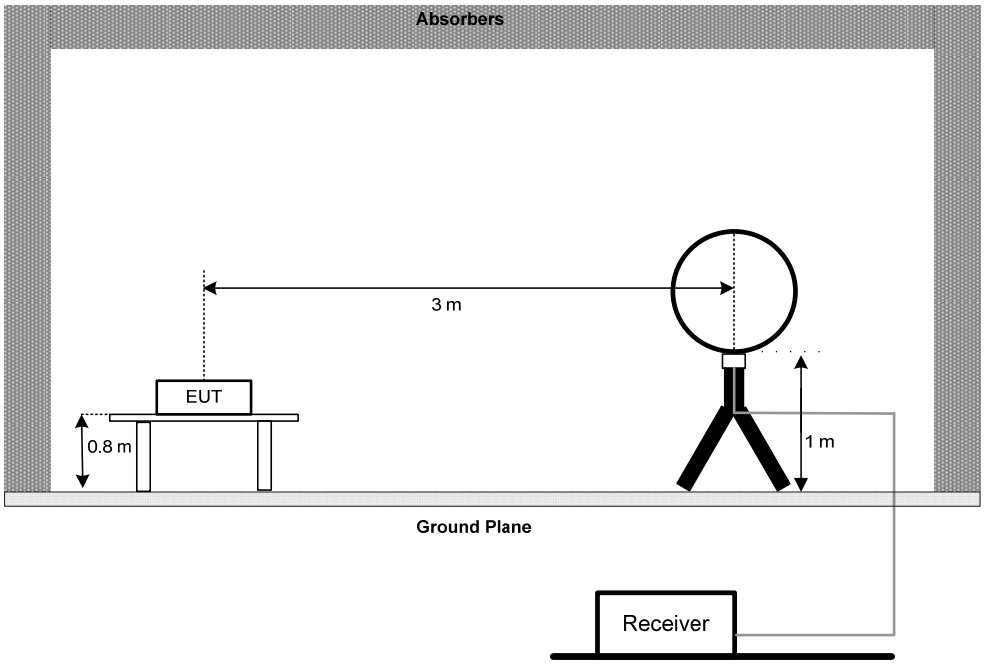
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

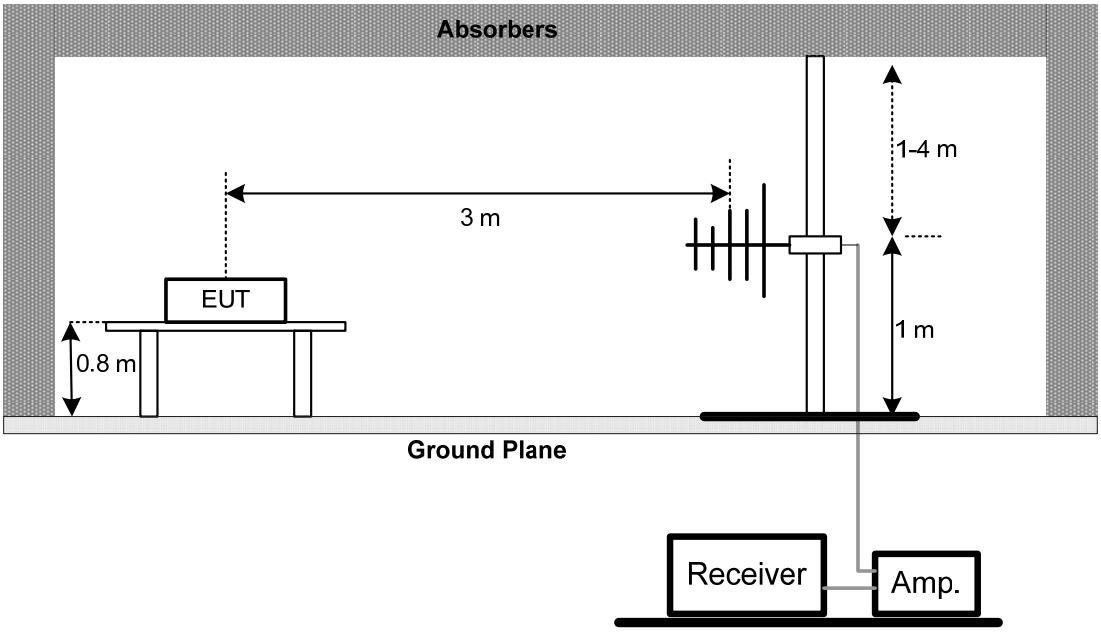
No deviation.

5.4 TEST SETUP

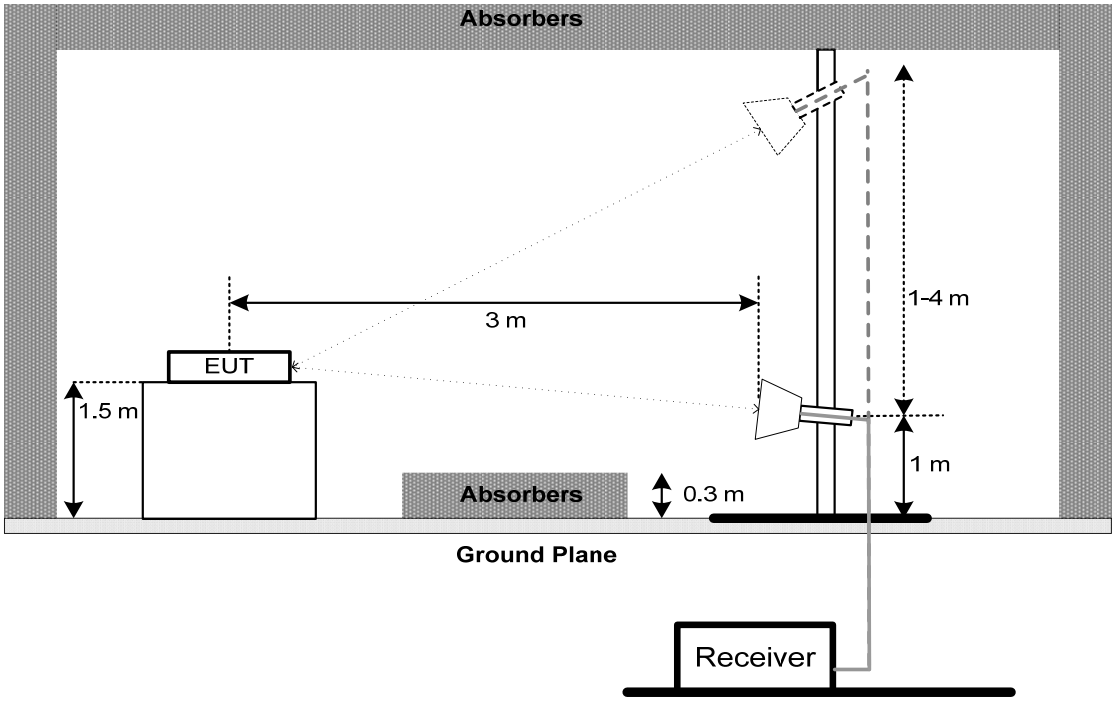
9 kHz to 30 MHz



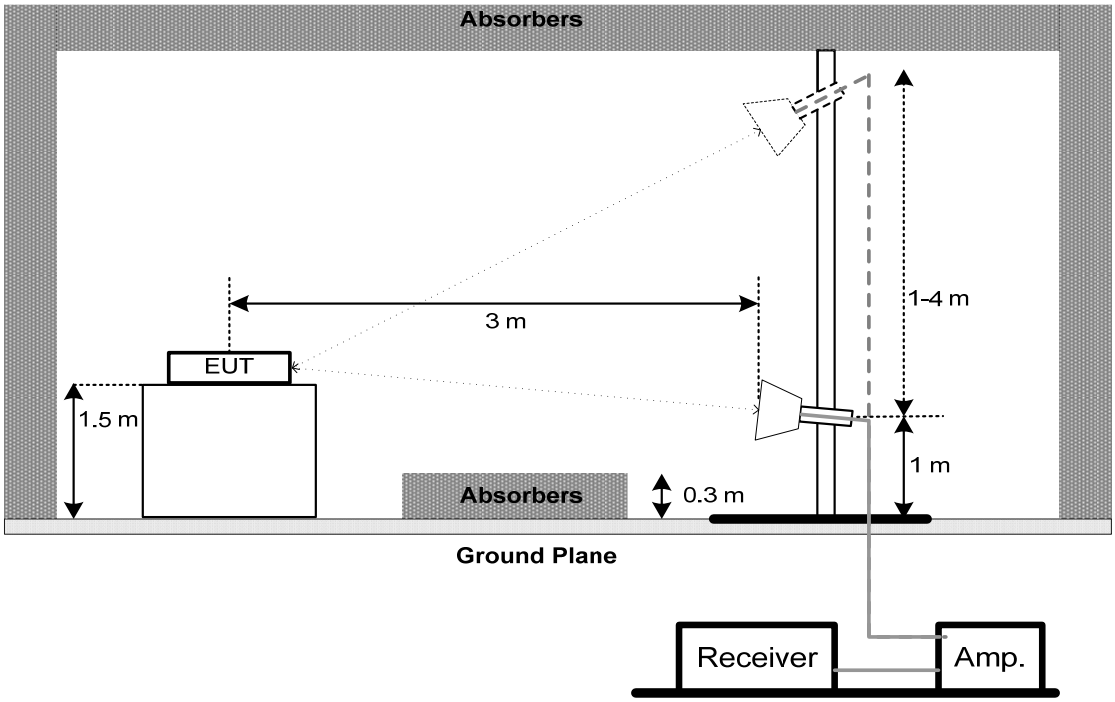
30 MHz to 1 GHz



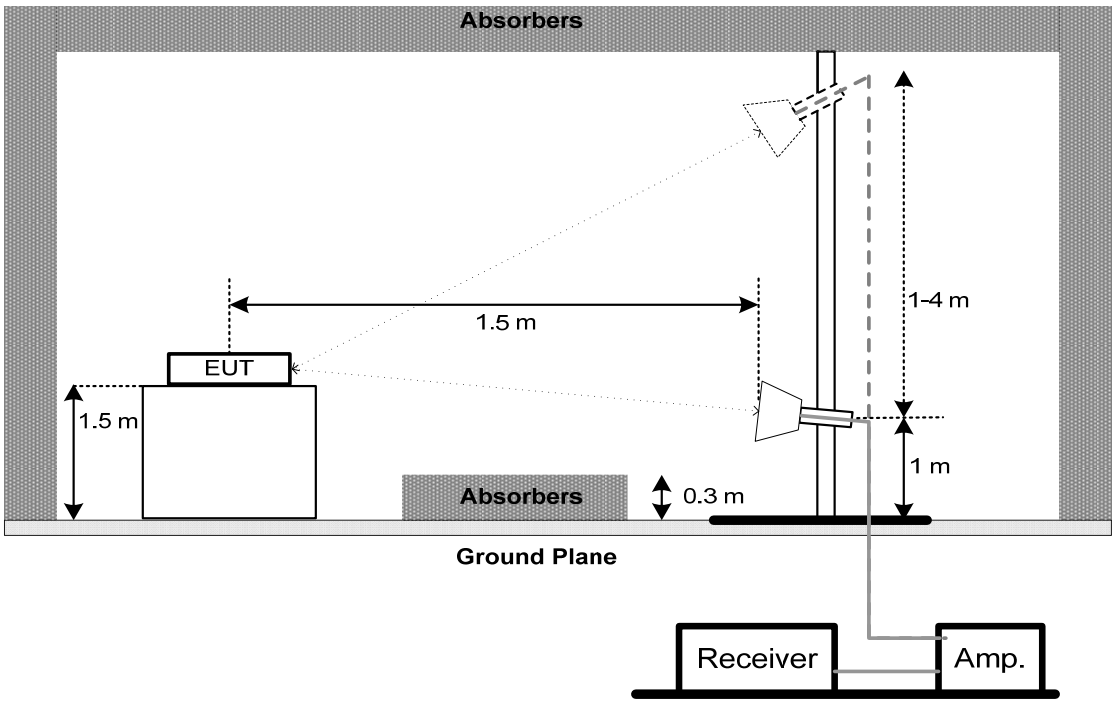
Above 1 GHz
Band edge



Harmonic (1 GHz to 18 GHz)



Harmonic (18 GHz to 40 GHz)



5.5 EUT OPERATION CONDITIONS

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

5.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

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

5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

5.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

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

6. BANDWIDTH

6.1 LIMIT

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

6.2 TEST PROCEDURE

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

b. Spectrum Setting:

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

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

For UNII-3:

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

For 99% Occupied Bandwidth:

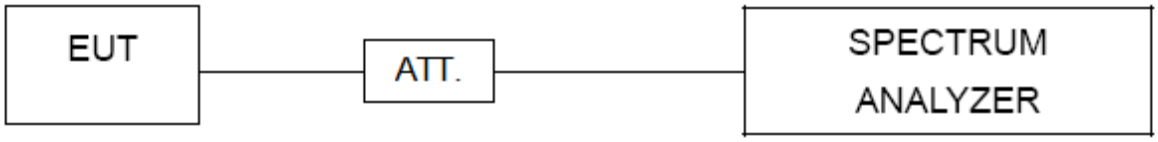
Spectrum Parameter	Setting
Span Frequency	1.5 times to 5 times the OBW
RBW	1% to 5% of the OBW
VBW	≥3*RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX E.

7. MAXIMUM OUTPUT POWER

7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Maximum Output Power	AP device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

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

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

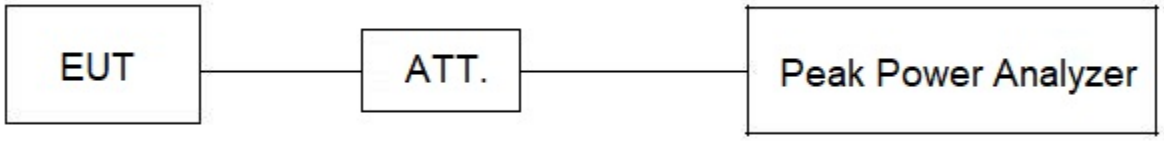
7.2 TEST PROCEDURE

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

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX F.

8. POWER SPECTRAL DENSITY

8.1 LIMIT

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

8.2 TEST PROCEDURE

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

b. Spectrum Setting:

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

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

For UNII-3:

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

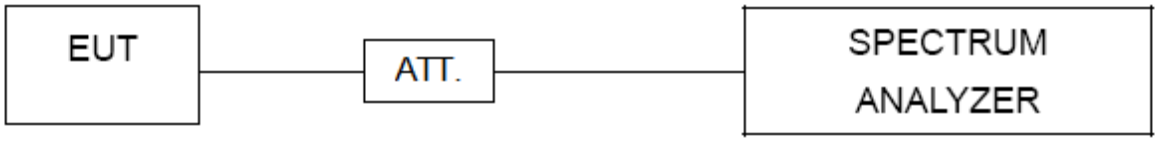
Note:

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

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX G.

9. FREQUENCY STABILITY

9.1 LIMIT

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

9.2 TEST PROCEDURE

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

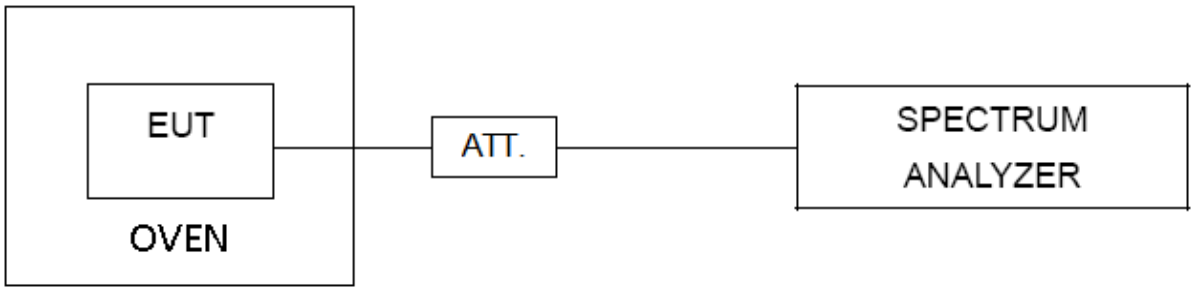
Spectrum Parameter	Setting
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULTS

Please refer to the APPENDIX H.

10. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESR3	103027	Jun. 16, 2024
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Dec. 22, 2024
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M -001	9M	Nov. 27, 2024
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60B	1513-60 B-034	Apr. 01, 2024
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Dec. 22, 2024
3	Cable	N/A	RW2350-3.8A-NMB M-1.5M	N/A	Jun. 10, 2024
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chamber room	ETS	9*6*6	N/A	Jul. 11, 2024

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXE EMI Receiver	Keysight	N9038A	MY59050118	Feb. 10, 2024
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980739	Feb. 10, 2024
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 0000	N/A	Jun. 08, 2024
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3 000	N/A	Jun. 08, 2024
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-8 00	N/A	Jun. 08, 2024
7	Double Ridged Broadband Horn Antenna	RF SPIN	DRH18-E	210106A18E	Jul. 04, 2024
8	Preamplifier	EMC INSTRUMENT	EMC184045SE	980793	Feb. 10, 2024
9	Cable	EMC INSTRUMENT	EMC101G-KM-KM-800	N/A	Aug. 13, 2024
10	Cable	EMC INSTRUMENT	EMC101G-KM-KM-6000	N/A	Aug. 13, 2024
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	1046	Jul. 05, 2024
12	Band Reject Filter	COM-MW	ZHPF6-M6500-180 00-547	7213124	Jul. 07, 2024
13	Attenuator	Talent Microwave	ATT-18G2W-10	N/A	N/A
14	966 Chamber room	Tai He	9*6*6 （NSA&VSWR）	N/A	Jun. 07, 2024
15	Band Reject Filter	COM-MW	ZHPF6-C3000-180 00-174	7213126	Jul. 07, 2024

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	01269	May 15, 2024
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AN-N0697	May 15, 2024
3	Preamplifier	EMC INSTRUMENT	EMC001330	4585/5/27	Feb. 10, 2024
4	Cable	EMC INSTRUMENT	EMCCFD400-NM-NM-2500	N/A	Jun. 08, 2024
5	Cable	EMC INSTRUMENT	EMCCFD400-NM-NM-7000	N/A	Jun. 08, 2024
6	Cable	EMC INSTRUMENT	EMCCFD400-NM-NM-3000	N/A	Jun. 08, 2024
7	MXE EMI Receiver	KEYSIGHT	N9038A	MY59050118	Feb. 10, 2024
8	Positioning Controller	MF	MF-7802BS	N/A	N/A
9	Max-Full Antenna Corp	MF	MFA-560BSN	N/A	N/A
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
11	966 Chamber room	Tai He	9*6*6（NSA&VSWR）	N/A	Jun. 07, 2024

Bandwidth & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	Jun. 16, 2024
2	Attenuator	RegalWay	RWA-201-S-10	N/A	Sep. 26, 2024
3	Digital Multimeter	FLUKE	15B PRO	59056240WS	Sep. 25, 2024
4	Measurement Software	BTL	BTL Conducted Test	N/A	N/A
5	Attenuator	RegalWay	RWA-201-S-6	N/A	Sep. 26, 2024
6	Temperature Chamber	ESPEC CORP	SU-242	93018736	Jul. 07, 2024
7	ITECH	DC Power Supply	IT6332C	8034160117673300	May 10, 2024
8	DC Block	N/A	N/A	N/A	N/A

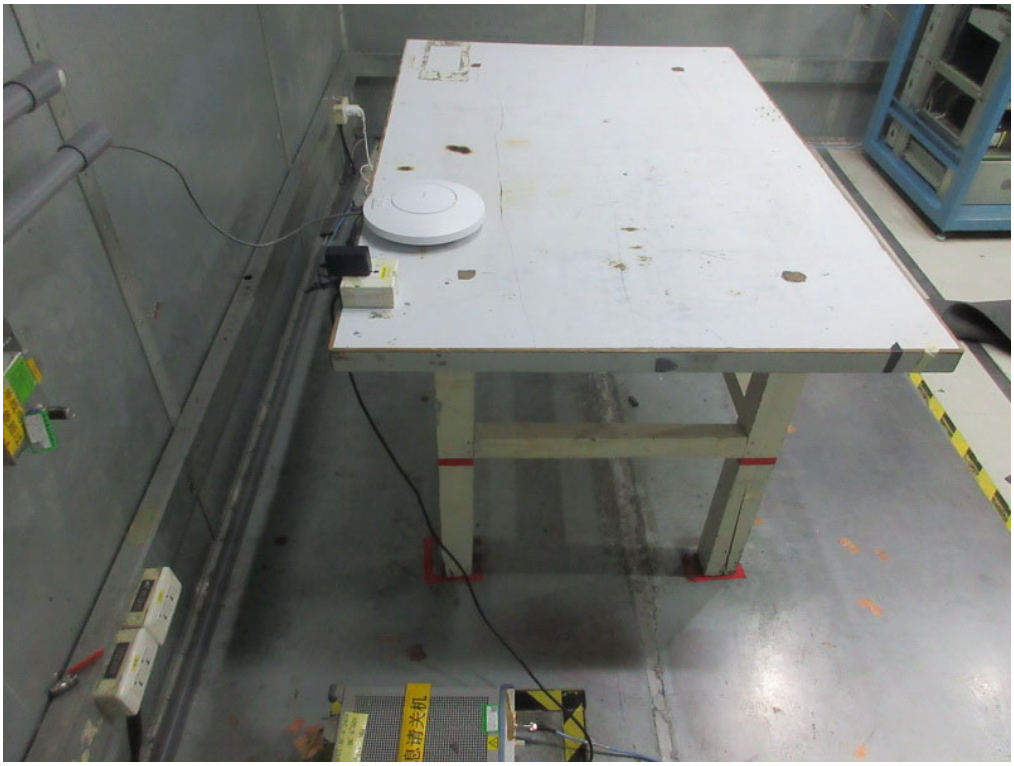
Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Attenuator	RegalWay	RWA-201-S-10	NA	Sep. 26, 2024
2	Power sensors	MA24408A	12592	NA	Dec. 22, 2024
3	Measurement Software	BTL	BTL Conducted Test	N/A	N/A

Frequency Stability					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	Jun. 16, 2024
2	Attenuator	RegalWay	RWA-201-S-10	N/A	Sep. 26, 2024
3	Digital Multimeter	FLUKE	15B PRO	59056240WS	Sep. 25, 2024
4	Measurement Software	BTL	BTL Conducted Test	N/A	N/A
5	Attenuator	RegalWay	RWA-201-S-6	N/A	Sep. 26, 2024
6	Temperature Chamber	ESPEC CORP	SU-242	93018736	Jul. 07, 2024
7	ITECH	DC Power Supply	IT6332C	8034160117673300	May 10, 2024
8	DC Block	N/A	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.

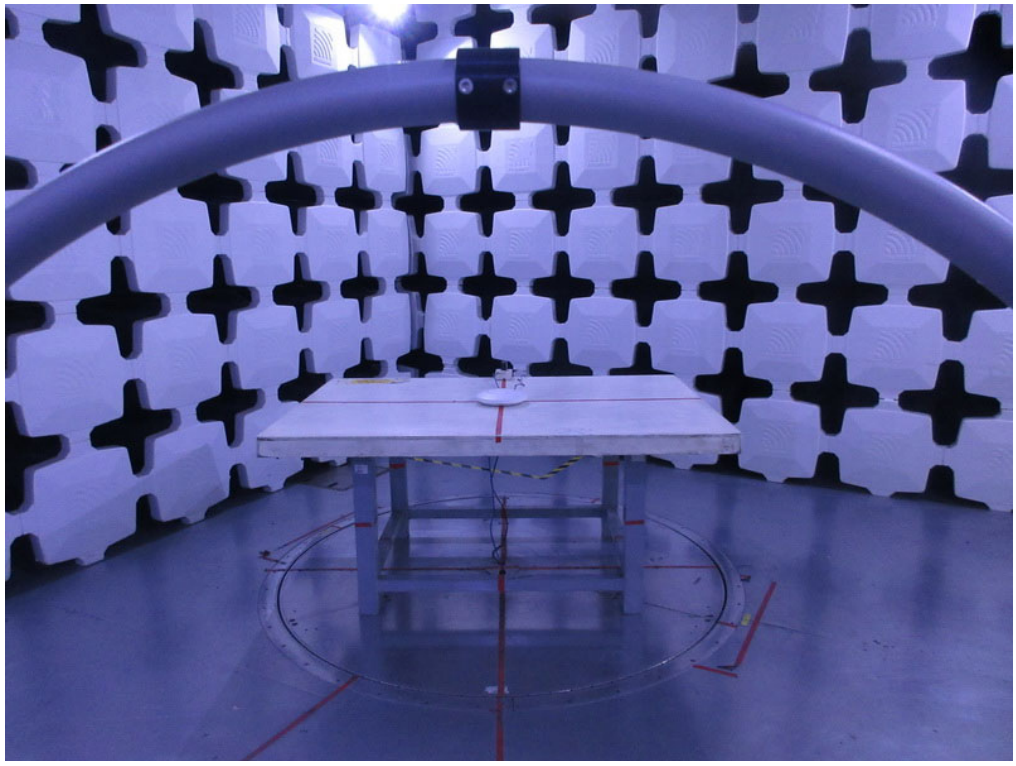
11. EUT TEST PHOTOS

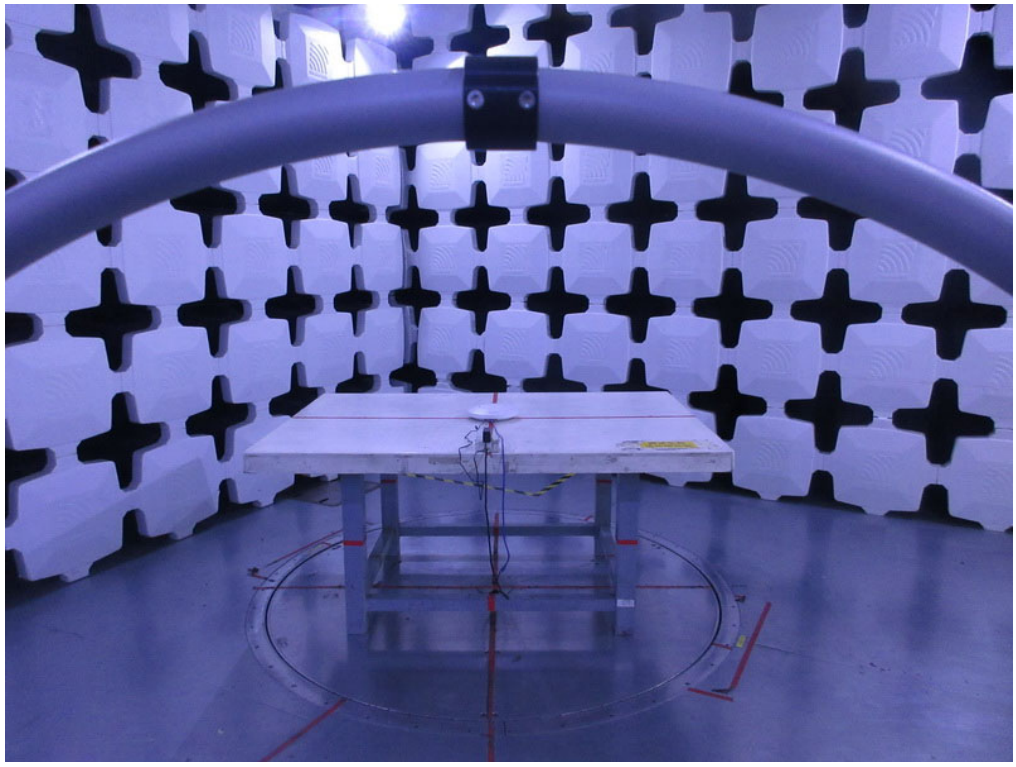
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

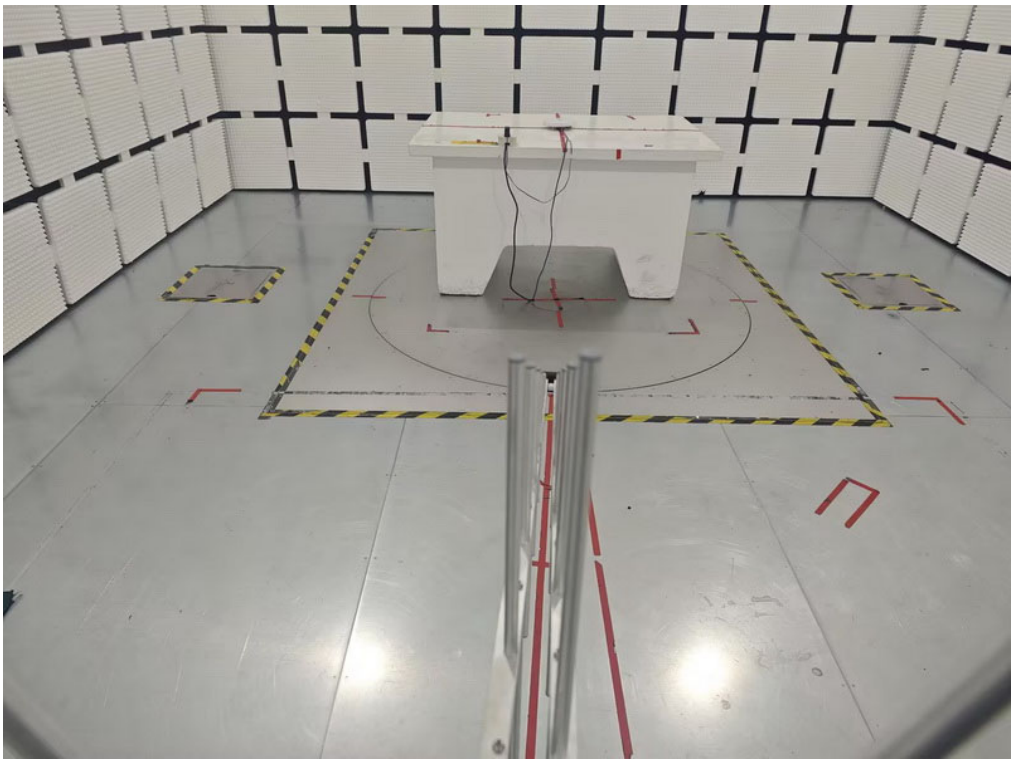
9 kHz to 30 MHz

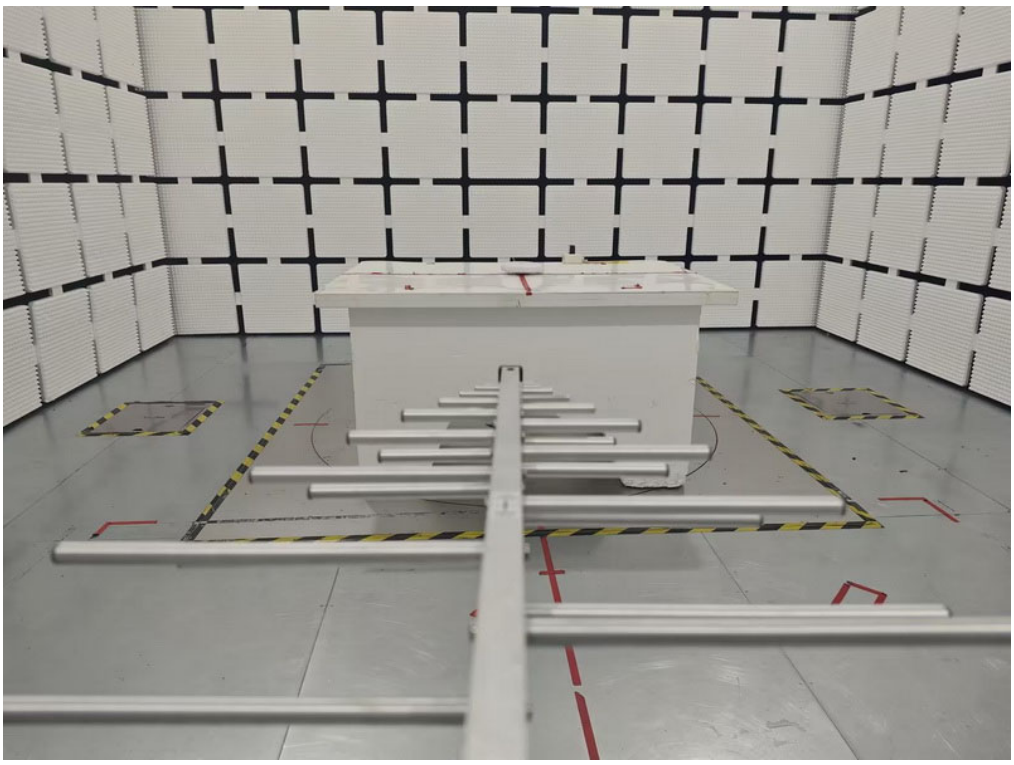




Radiated Emissions Test Photos

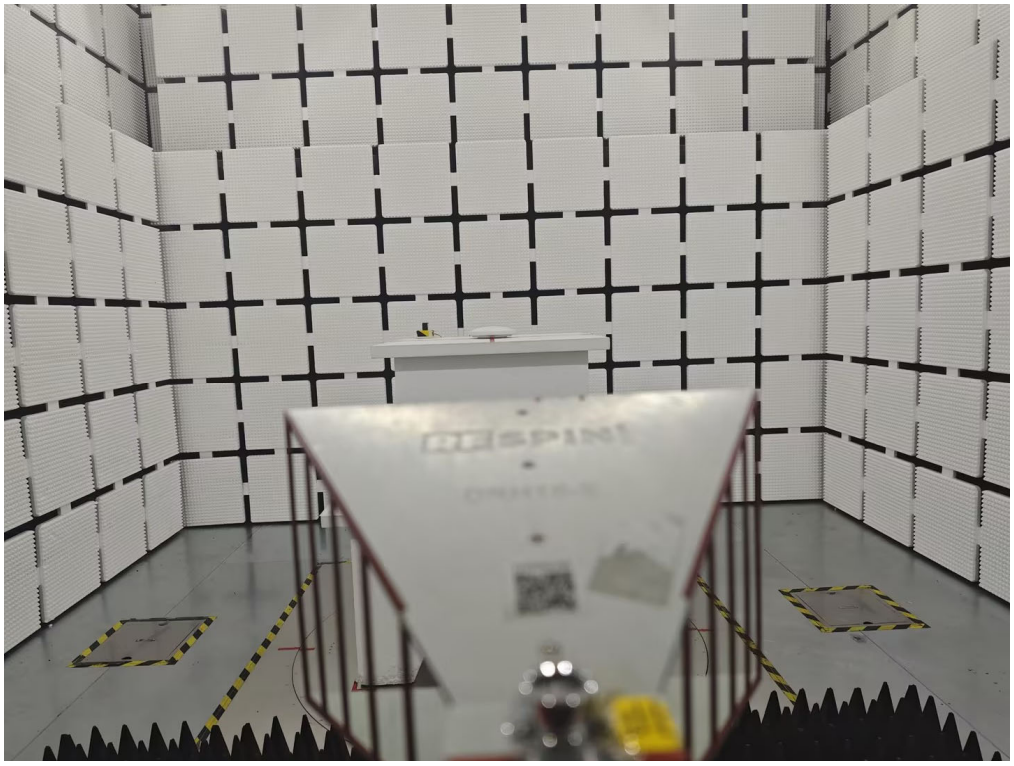
30 MHz to 1 GHz

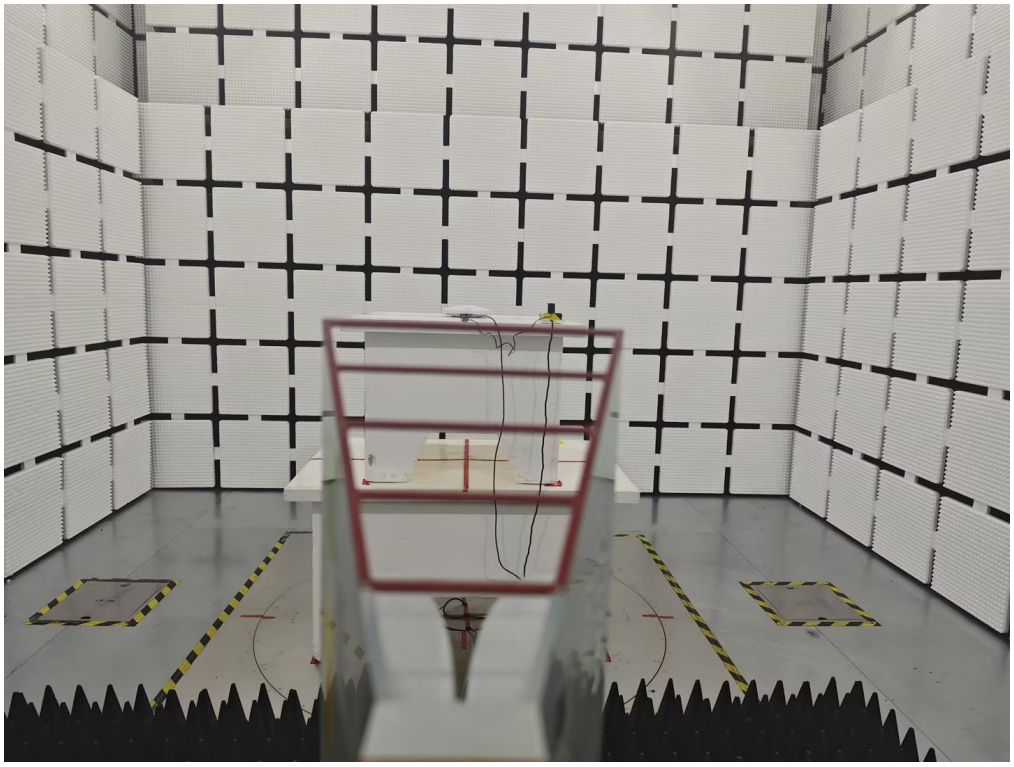




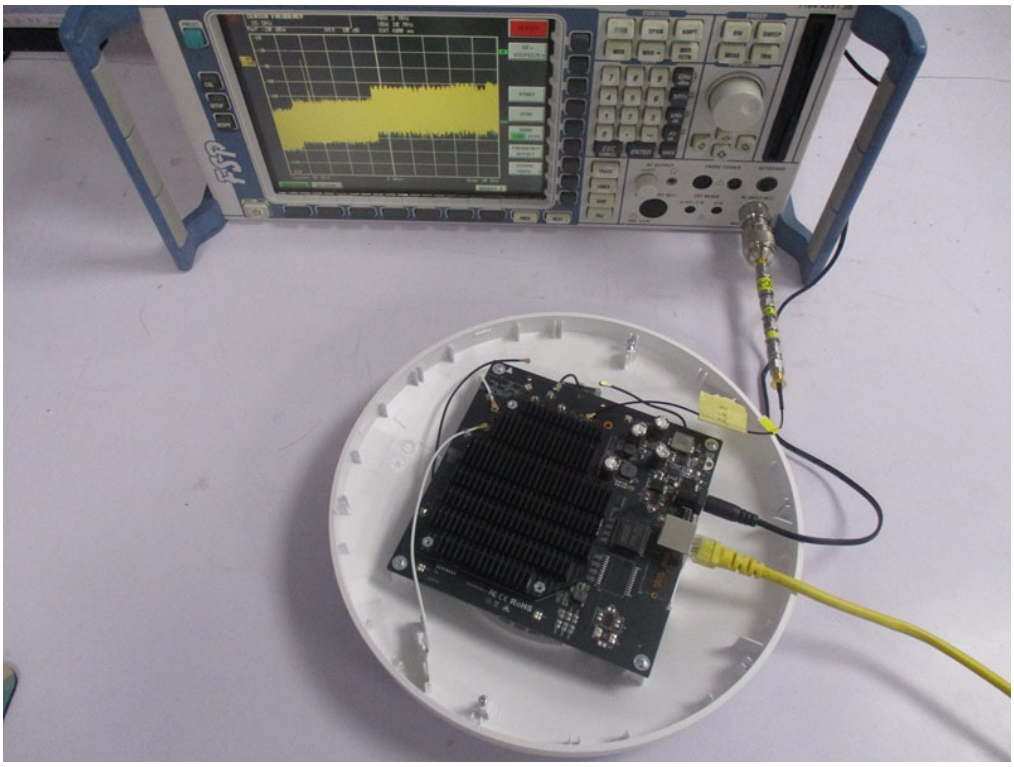
Radiated Emissions Test Photos

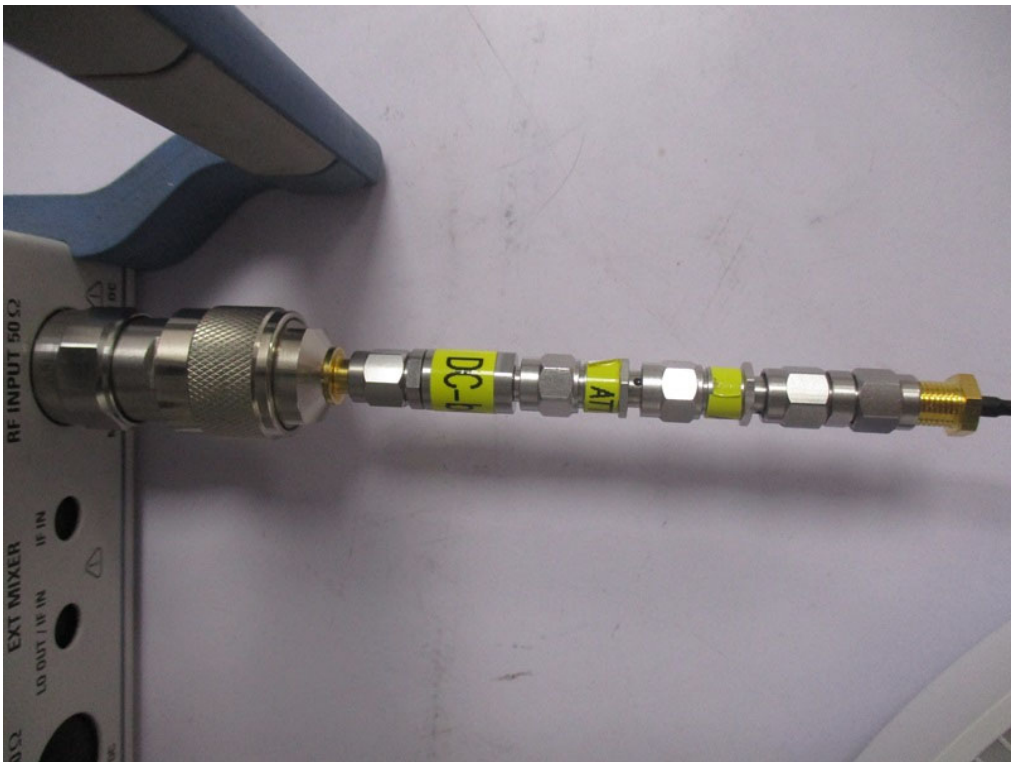
Above 1 GHz





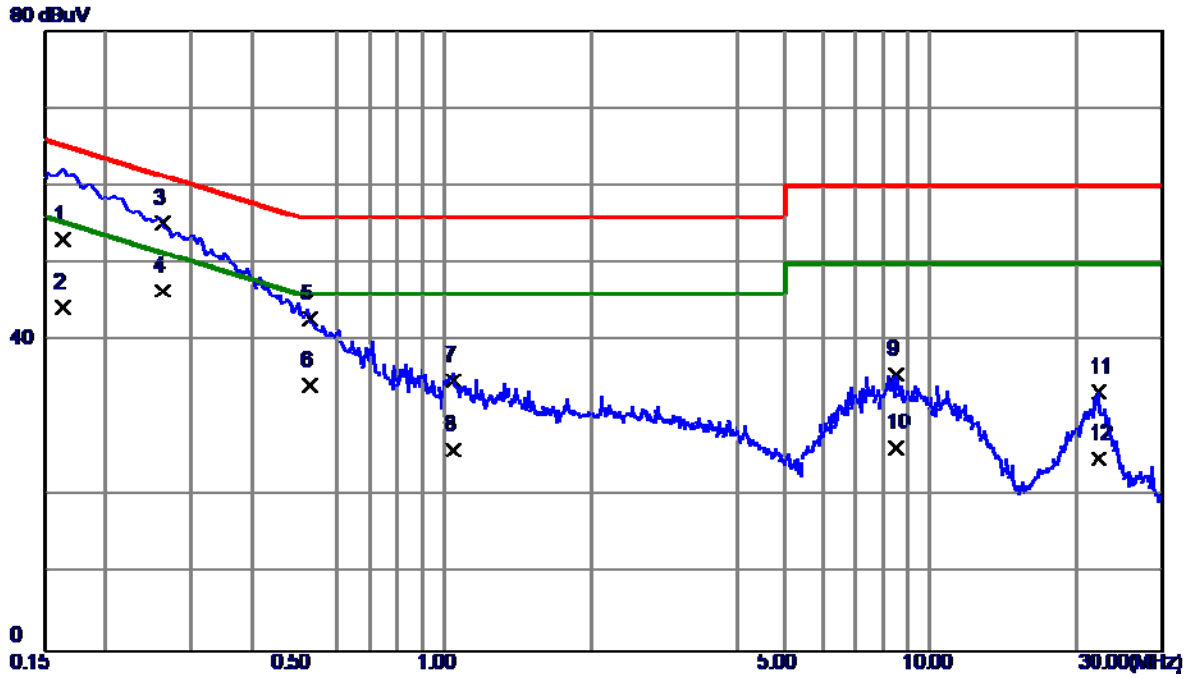
Conducted Test Photos





APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

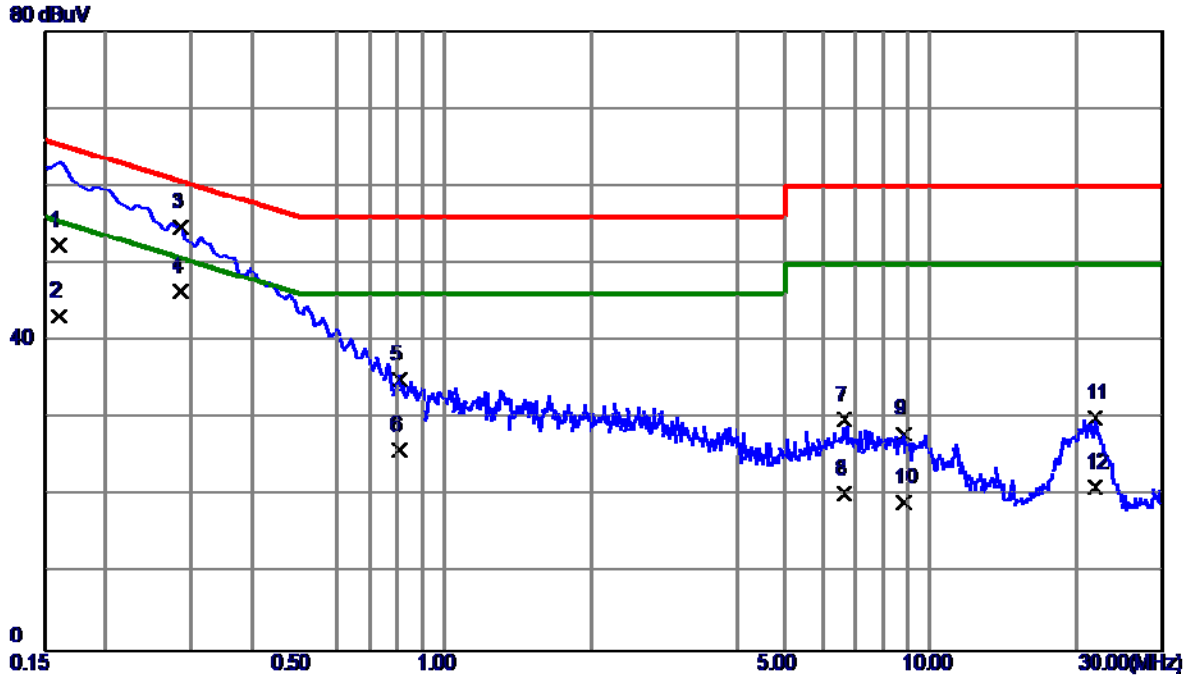
Test Mode	TX AC(VHT20) Mode Channel 165 (UNII-3)	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MIlz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1635	43.50	9.68	53.18	65.28	-12.10	QP	
2	0.1635	34.60	9.68	44.28	55.28	-11.00	AVG	
3	0.2625	45.59	9.68	55.27	61.35	-6.08	QP	
4 *	0.2625	36.80	9.68	46.48	51.35	-4.87	AVG	
5	0.5280	33.14	9.70	42.84	56.00	-13.16	QP	
6	0.5280	24.60	9.70	34.30	46.00	-11.70	AVG	
7	1.0432	25.17	9.72	34.89	56.00	-21.11	QP	
8	1.0432	16.20	9.72	25.92	46.00	-20.08	AVG	
9	8.5268	25.72	9.95	35.67	60.00	-24.33	QP	
10	8.5268	16.30	9.95	26.25	50.00	-23.75	AVG	
11	22.1775	23.14	10.32	33.46	60.00	-26.54	QP	
12	22.1775	14.49	10.32	24.81	50.00	-25.19	AVG	

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

Test Mode	TX AC(VHT20) Mode Channel 165 (UNII-3)	Phase	Neutral

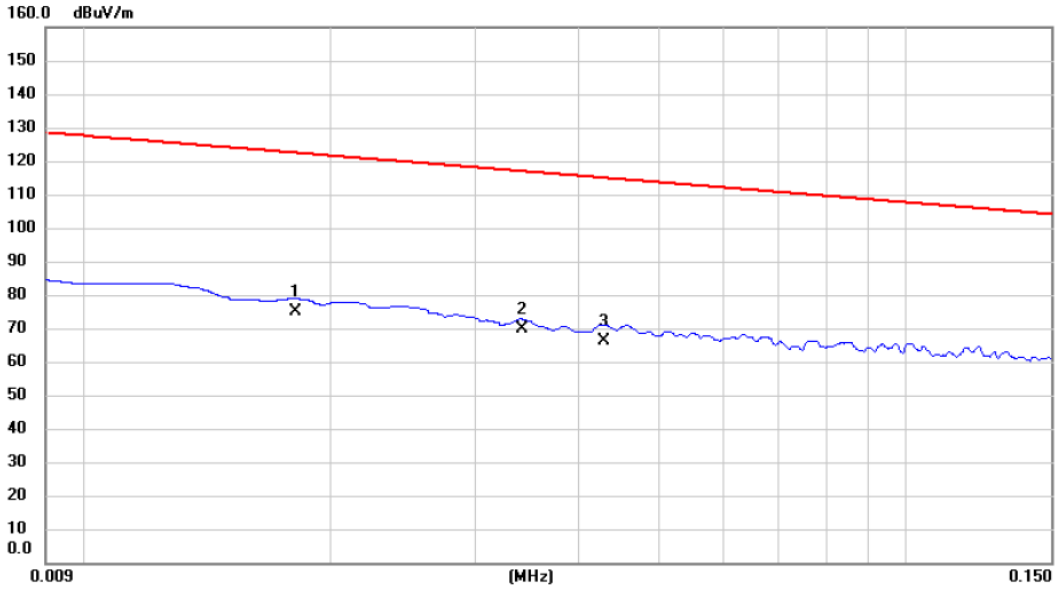


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1613	42.60	9.66	52.26	65.40	-13.14	QP	
2	0.1613	33.50	9.66	43.16	55.40	-12.24	AVG	
3	0.2872	45.03	9.66	54.69	60.60	-5.91	QP	
4 *	0.2872	36.80	9.66	46.46	50.60	-4.14	AVG	
5	0.8092	25.39	9.68	35.07	56.00	-20.93	QP	
6	0.8092	16.30	9.68	25.98	46.00	-20.02	AVG	
7	6.6323	19.96	9.88	29.84	60.00	-30.16	QP	
8	6.6323	10.40	9.88	20.28	50.00	-29.72	AVG	
9	8.8125	18.12	9.94	28.06	60.00	-31.94	QP	
10	8.8125	9.20	9.94	19.14	50.00	-30.86	AVG	
11	21.8918	19.78	10.30	30.08	60.00	-29.92	QP	
12	21.8918	10.80	10.30	21.10	50.00	-28.90	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

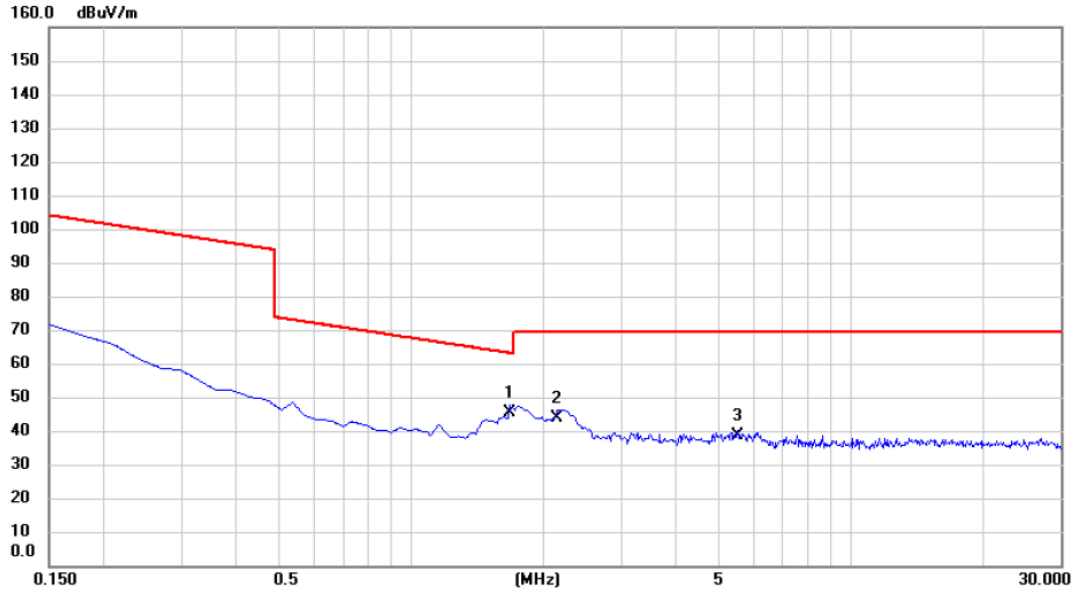
Test Mode	TX AC(VHT20) Mode Channel 165 (UNII-3)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0181	54.62	20.45	75.07	122.45	-47.38	AVG	
2	*	0.0342	49.84	19.80	69.64	116.92	-47.28	AVG	
3		0.0430	46.38	19.80	66.18	114.94	-48.76	AVG	

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

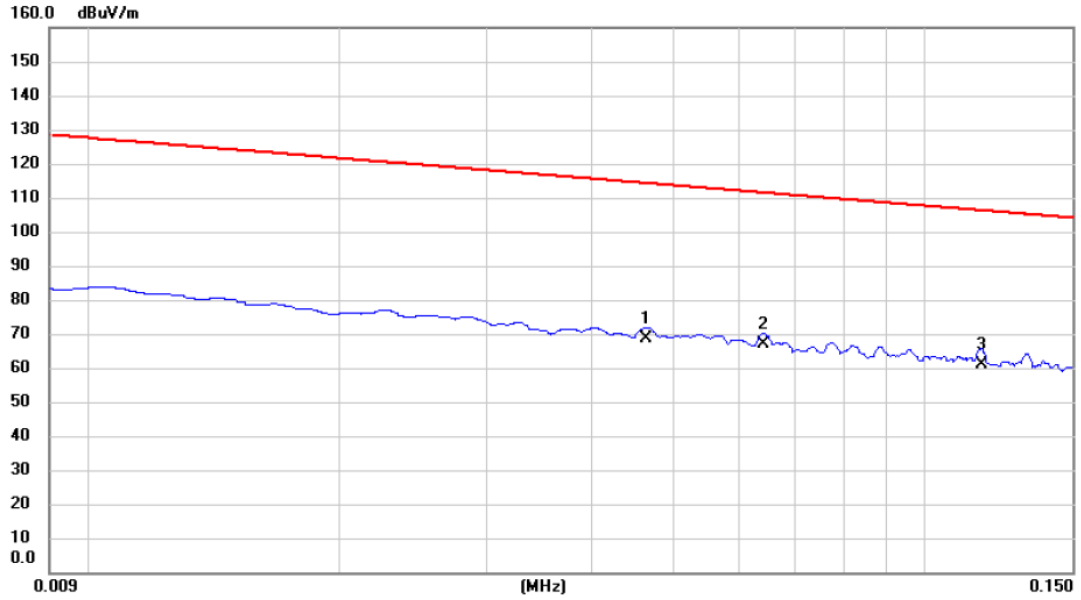
Test Mode	TX AC(VHT20) Mode Channel 165 (UNII-3)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	1.6724	25.43	19.81	45.24	63.14	-17.90	QP	
2		2.1500	24.12	19.80	43.92	69.54	-25.62	QP	
3		5.5230	18.69	19.96	38.65	69.54	-30.89	QP	

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

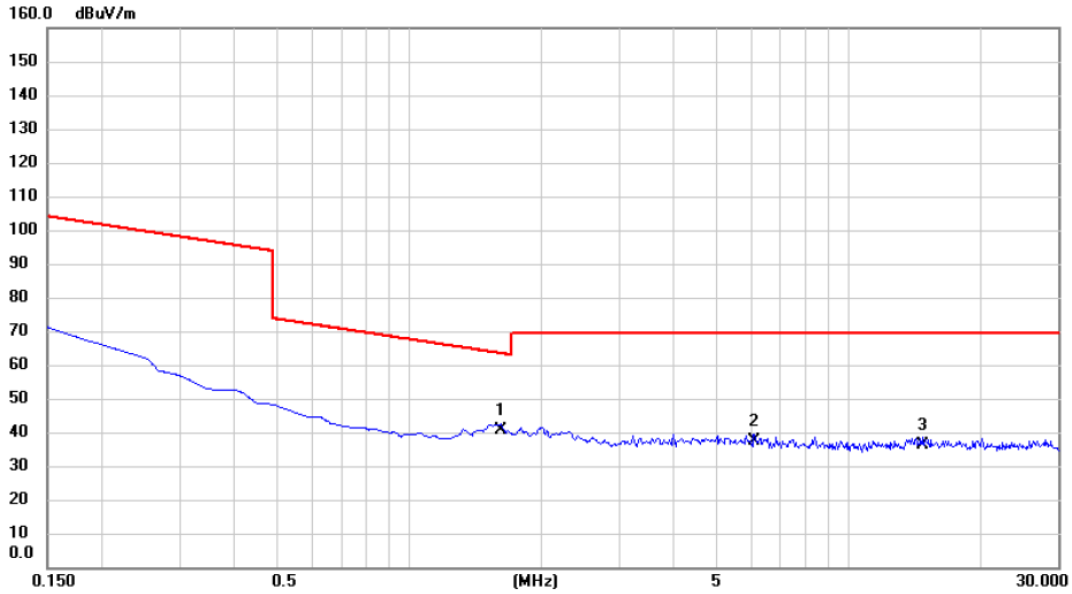
Test Mode	TX AC(VHT20) Mode Channel 165 (UNII-3)	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0464	48.69	19.80	68.49	114.27	-45.78	AVG	
2	*	0.0642	47.11	19.85	66.96	111.45	-44.49	AVG	
3		0.1167	41.36	19.83	61.19	106.27	-45.08	AVG	

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

Test Mode	TX AC(VHT20) Mode Channel 165 (UNII-3)	Polarization	Ant 90°

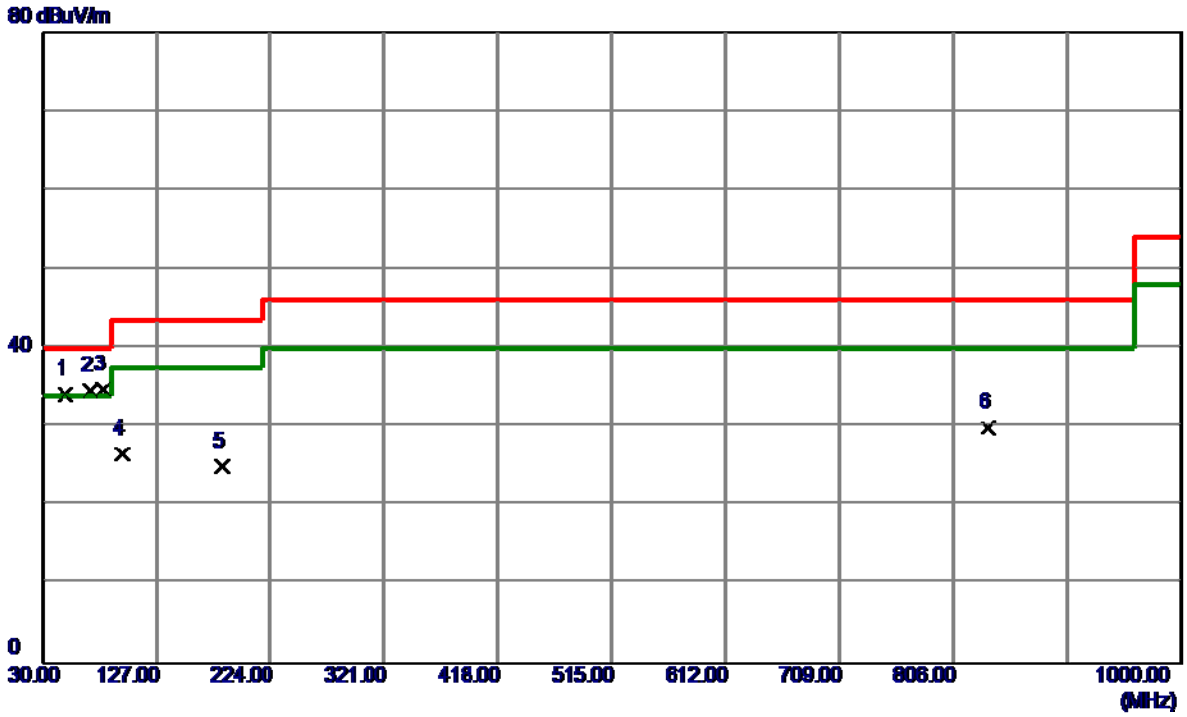


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	1.6126	20.63	19.82	40.45	63.45	-23.00	QP	
2		6.0901	17.42	19.96	37.38	69.54	-32.16	QP	
3		14.7168	16.00	20.30	36.30	69.54	-33.24	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

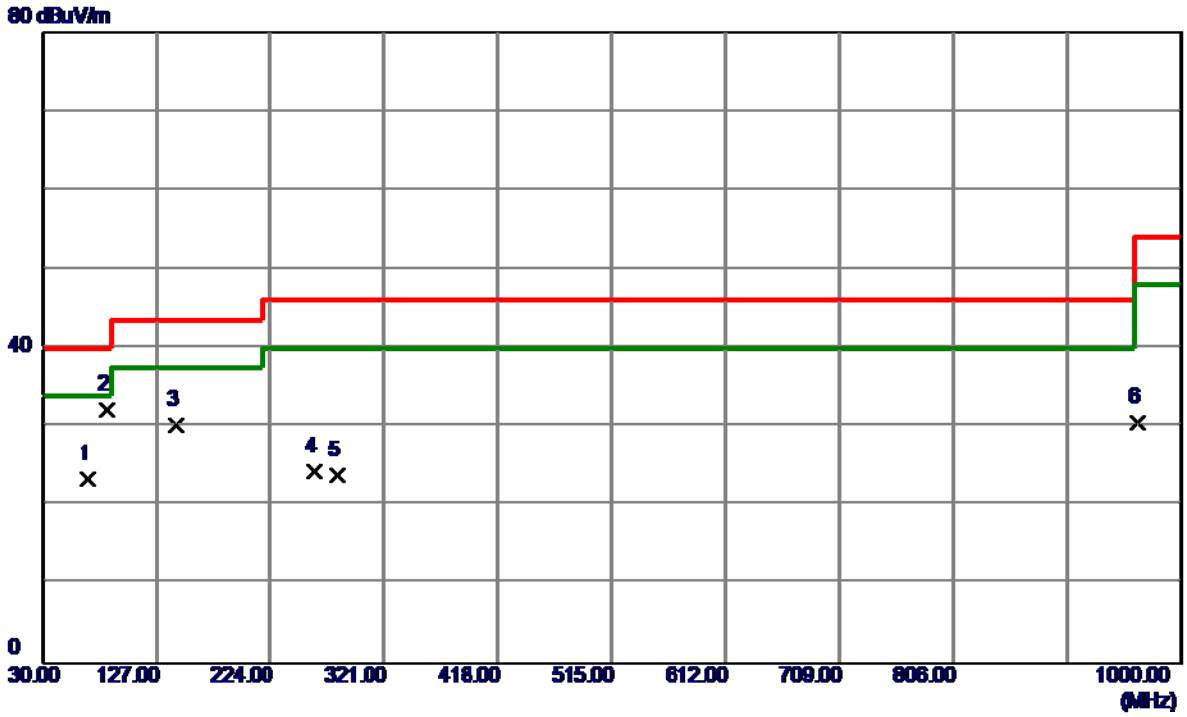
Test Mode	TX AC(VHT20) Mode Channel 165 (UNII-3)	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	49.4000	46.01	-11.98	34.03	40.00	-5.97	Peak	
2	71.2250	48.99	-14.45	34.54	40.00	-5.46	Peak	
3 *	81.8949	51.64	-16.86	34.78	40.00	-5.22	Peak	
4	97.4150	43.46	-16.92	26.54	43.50	-16.96	Peak	
5	182.7750	38.46	-13.43	25.03	43.50	-18.47	Peak	
6	836.0700	30.86	-0.89	29.97	46.00	-16.03	Peak	

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

Test Mode	TX AC(VHT20) Mode Channel 165 (UNII-3)	Polarization	Horizontal

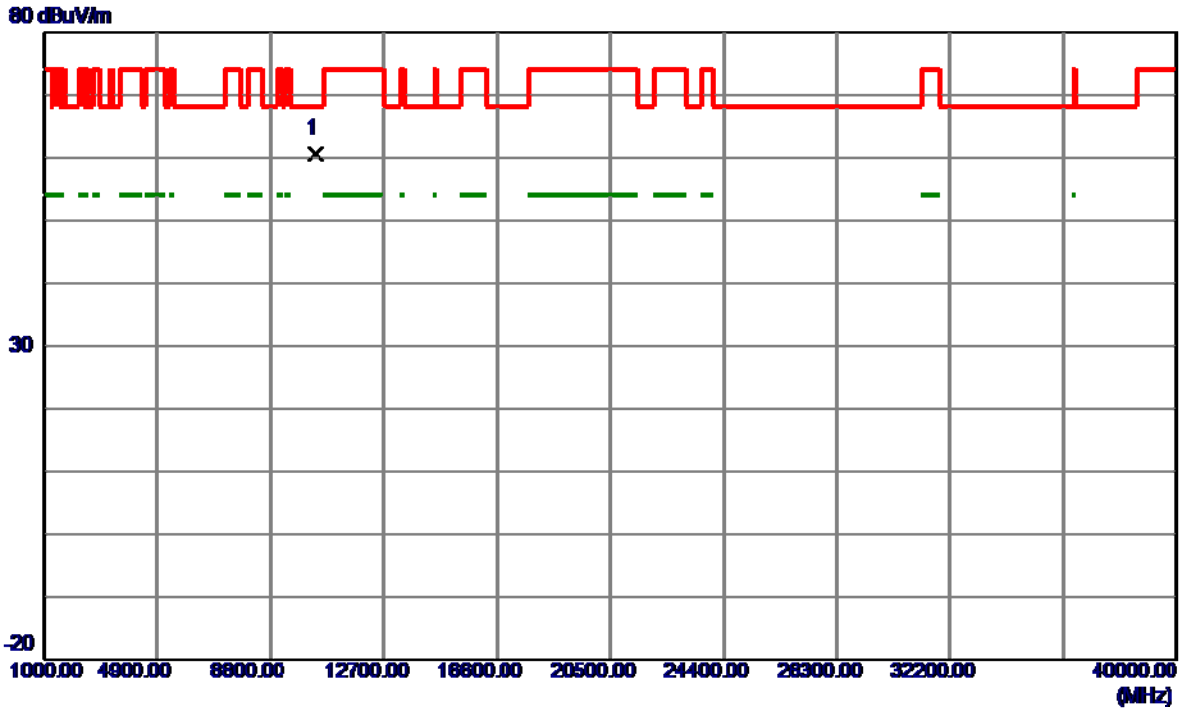


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.3150	37.16	-13.86	23.30	40.00	-16.70	Peak	
2 *	84.8050	49.56	-17.40	32.16	40.00	-7.84	Peak	
3	143.9750	42.41	-12.13	30.28	43.50	-13.22	Peak	
4	261.3450	36.97	-12.66	24.31	46.00	-21.69	Peak	
5	281.2300	35.56	-11.73	23.83	46.00	-22.17	Peak	
6	963.6250	30.23	0.39	30.62	54.00	-23.38	Peak	

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

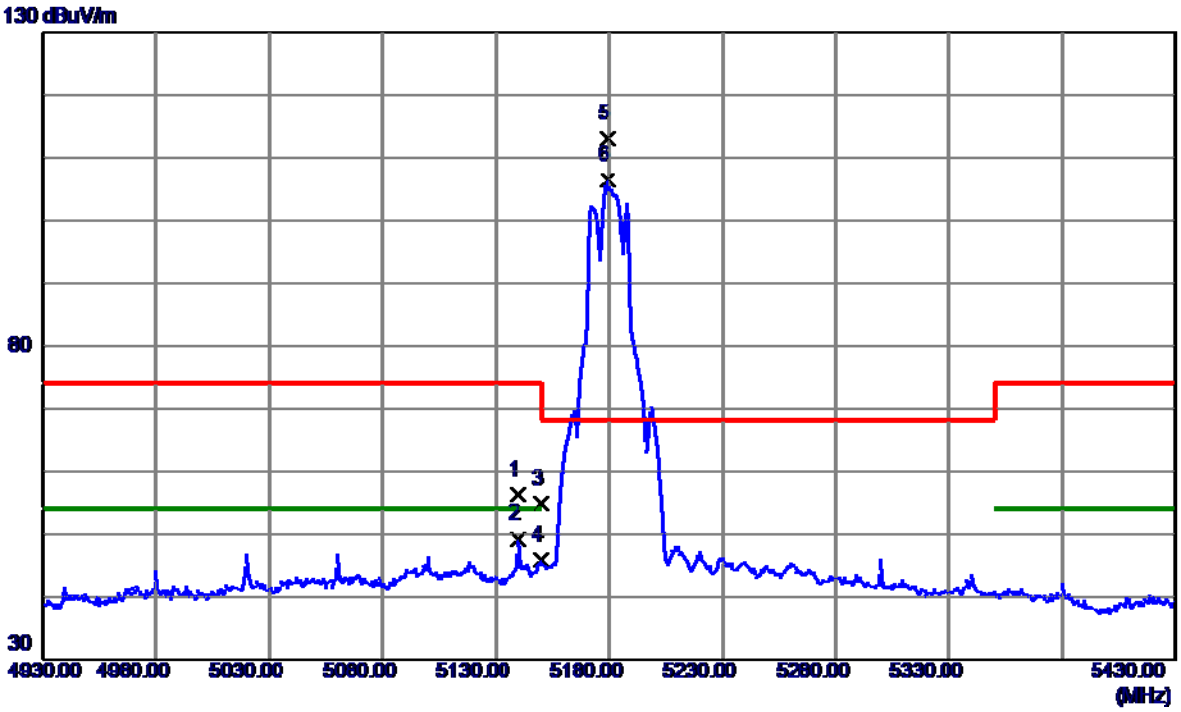
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10362.2500	54.08	6.57	60.65	68.20	-7.55	Peak	

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

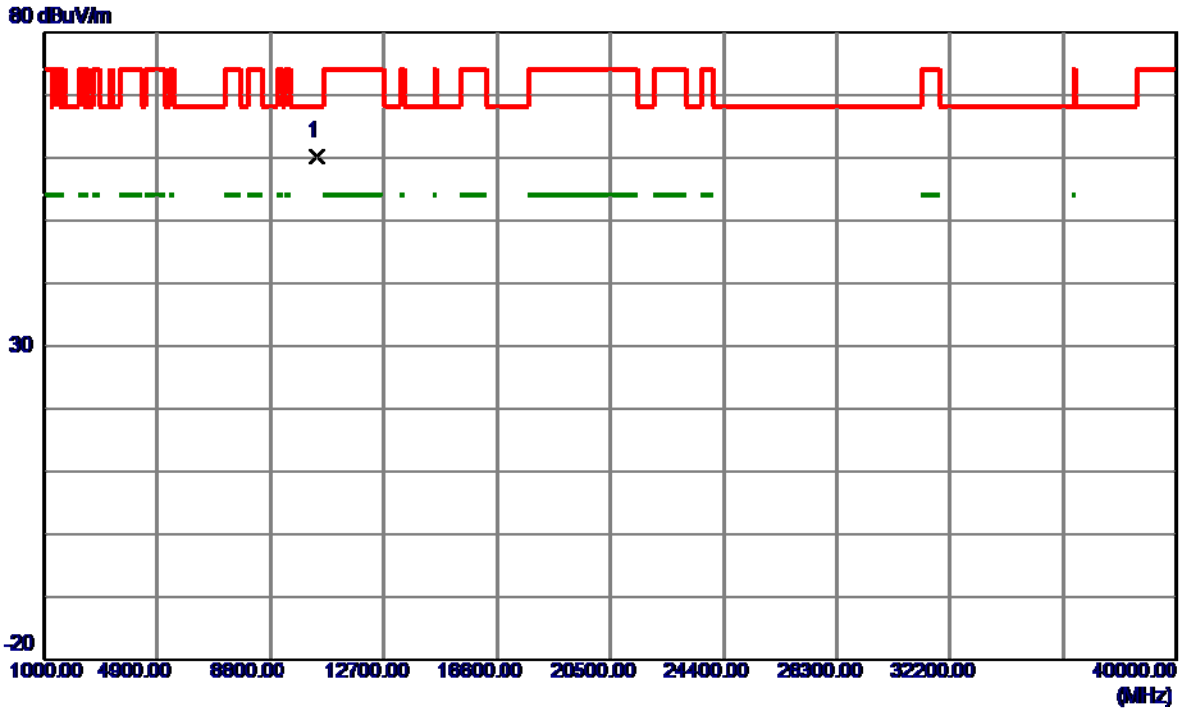
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5140.0000	43.82	12.32	56.14	74.00	-17.86	Peak	
2	5140.0000	36.93	12.32	49.25	54.00	-4.75	AVG	
3	5150.0000	42.43	12.32	54.75	74.00	19.25	Peak	
4	5150.0000	33.42	12.32	45.74	54.00	-8.26	AVG	
5 *	5179.2500	100.61	12.32	112.93	68.20	44.73	Peak	No Limit
6	5179.2500	94.03	12.32	106.35	999.00	-892.65	AVG	No Limit

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

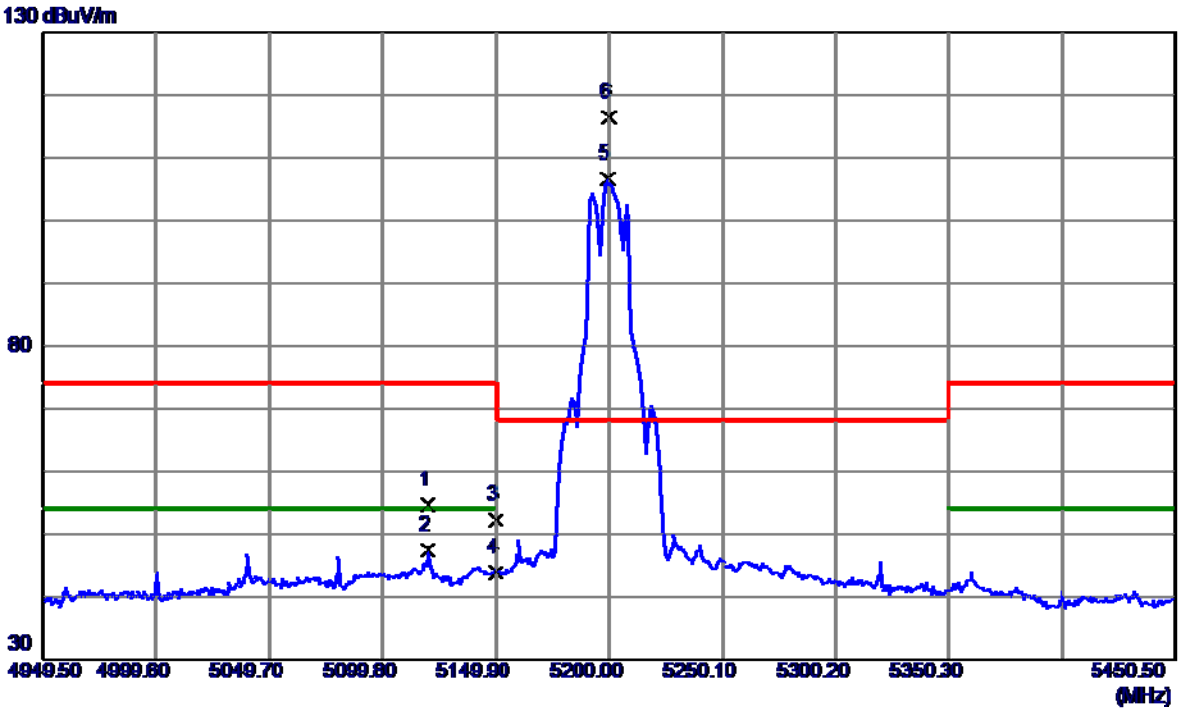
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10393.4000	53.73	6.51	60.24	68.20	-7.96	Peak	

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

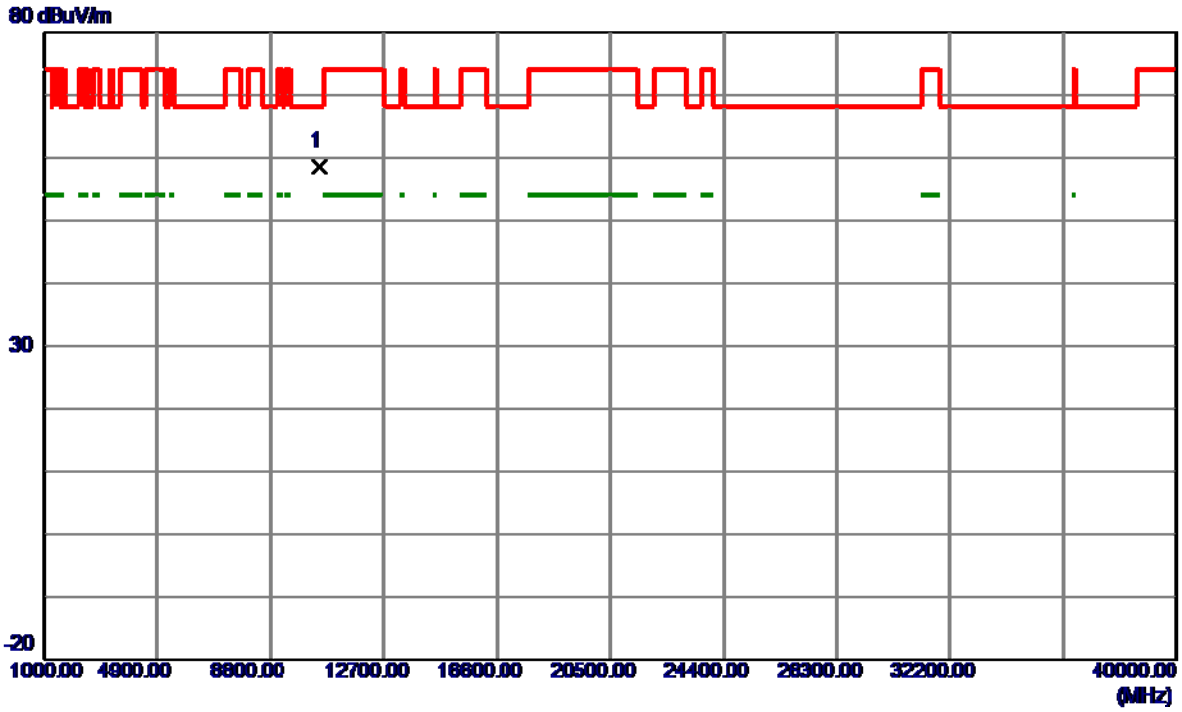
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5119.8400	42.19	12.32	54.51	74.00	-19.49	Peak	
2	5119.8400	35.11	12.32	47.43	54.00	-6.57	AVG	
3	5150.0000	39.90	12.32	52.22	74.00	21.78	Peak	
4	5150.0000	31.40	12.32	43.72	54.00	-10.28	AVG	
5	5199.2480	94.31	12.32	106.63	999.00	-892.37	AVG	No Limit
6 *	5200.2510	104.00	12.32	116.32	68.20	48.12	Peak	No Limit

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

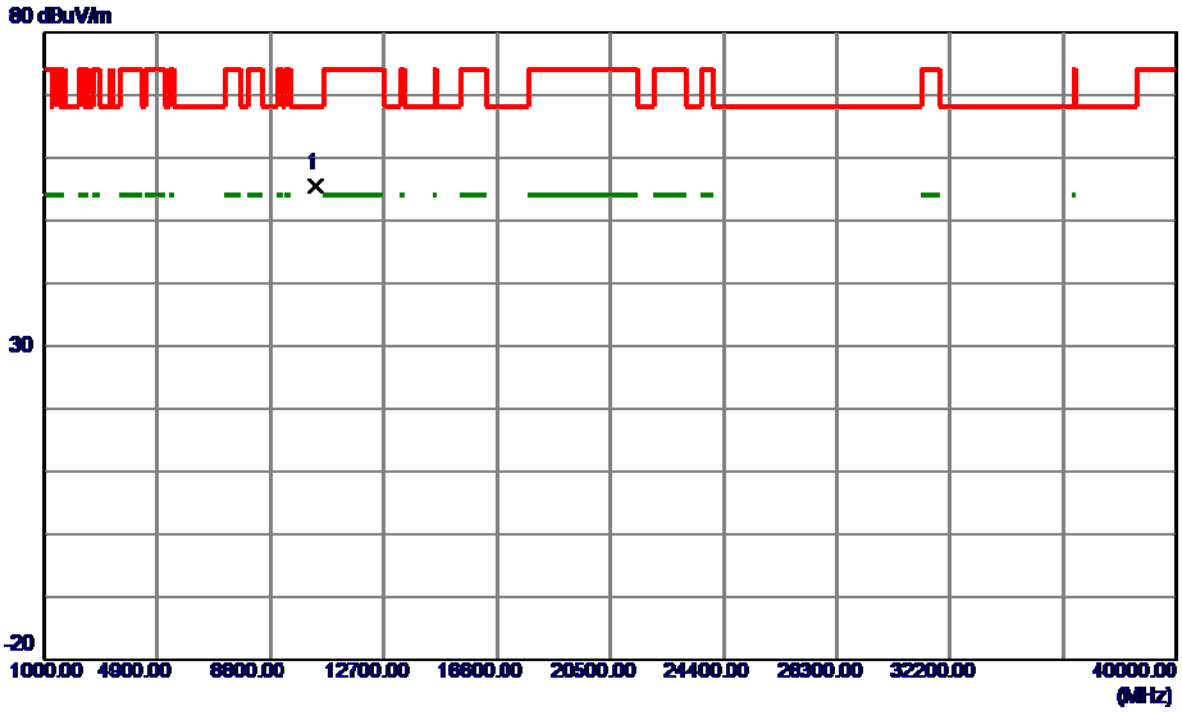
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10472.7500	52.30	6.35	58.65	68.20	-9.55	Peak	

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

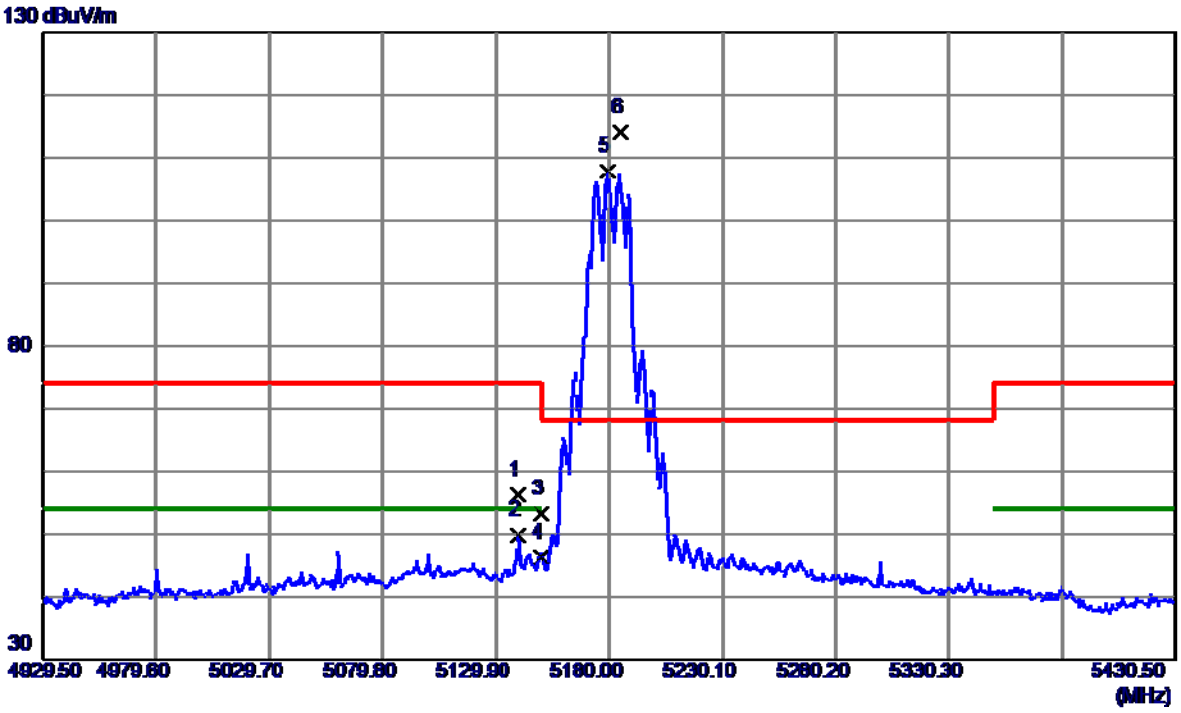
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10358.0000	48.72	6.58	55.30	68.20	-12.90	Peak	

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

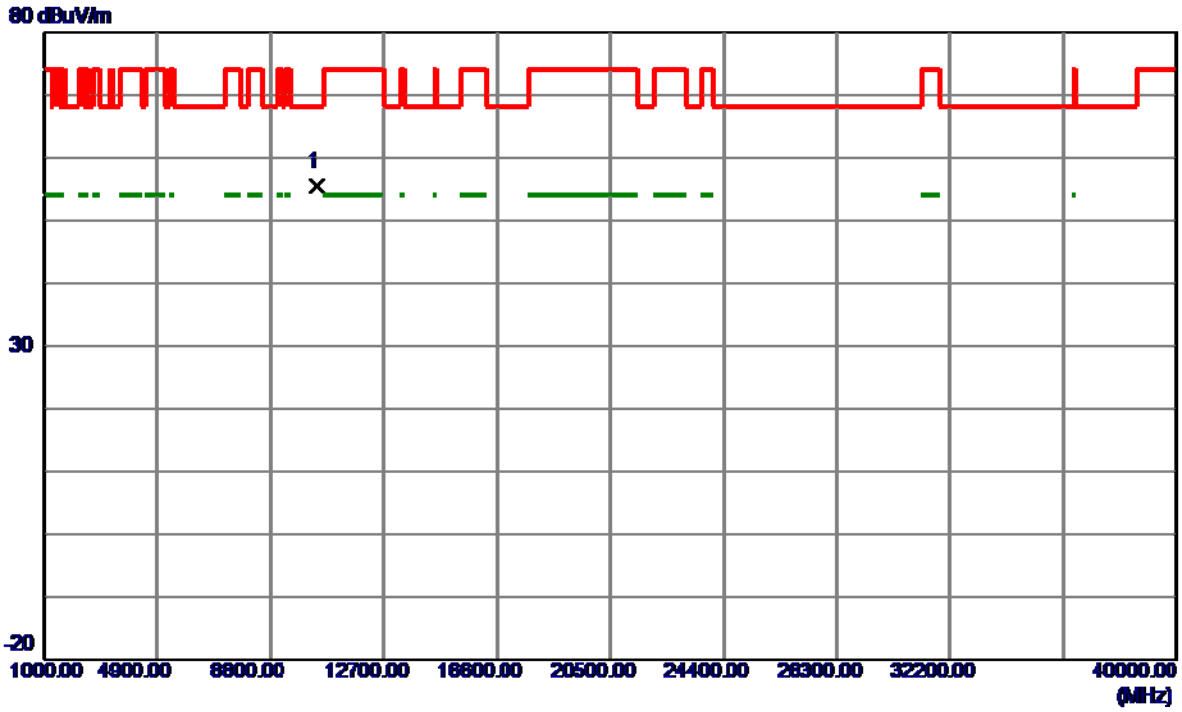
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5139.9200	43.84	12.32	56.16	74.00	-17.84	Peak	
2	5139.9200	37.57	12.32	49.89	54.00	-4.11	AVG	
3	5150.0000	40.81	12.32	53.13	74.00	20.87	Peak	
4	5150.0000	33.83	12.32	46.15	54.00	-7.85	AVG	
5	5179.2480	95.40	12.32	107.72	999.00	-891.28	AVG	No Limit
6 *	5184.7599	101.78	12.32	114.10	68.20	45.90	Peak	No Limit

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

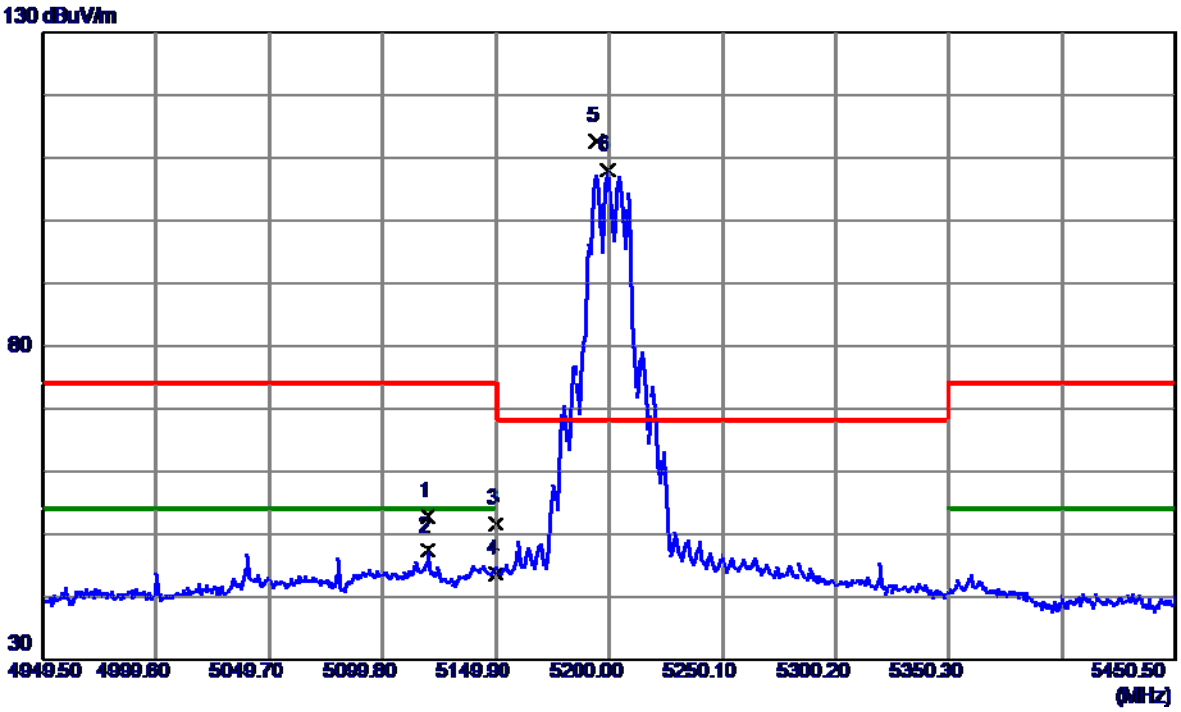
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10398.0000	48.91	6.50	55.41	68.20	-12.79	Peak	

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

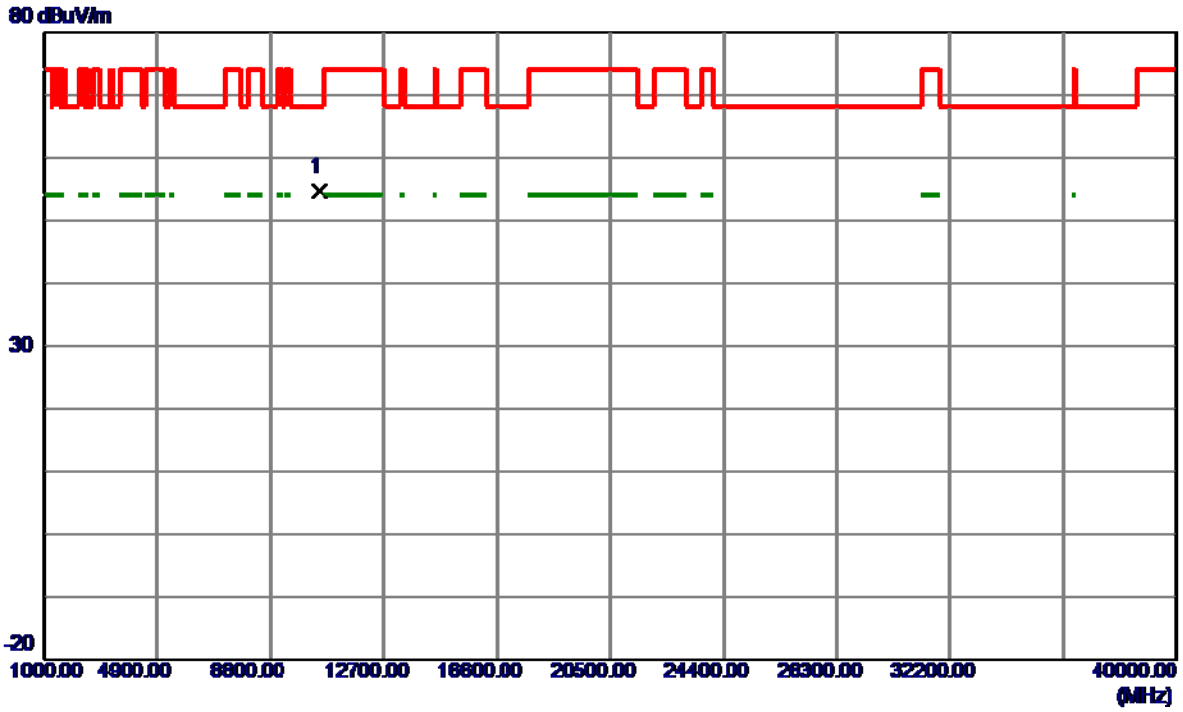
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5120.0910	40.50	12.32	52.82	74.00	-21.18	Peak	
2	5120.0910	34.98	12.32	47.30	54.00	-6.70	AVG	
3	5150.0000	39.37	12.32	51.69	74.00	22.31	Peak	
4	5150.0000	31.24	12.32	43.56	54.00	-10.44	AVG	
5 *	5194.2390	100.24	12.32	112.56	68.20	44.36	Peak	No Limit
6	5199.2480	95.73	12.32	108.05	999.00	-890.95	AVG	No Limit

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

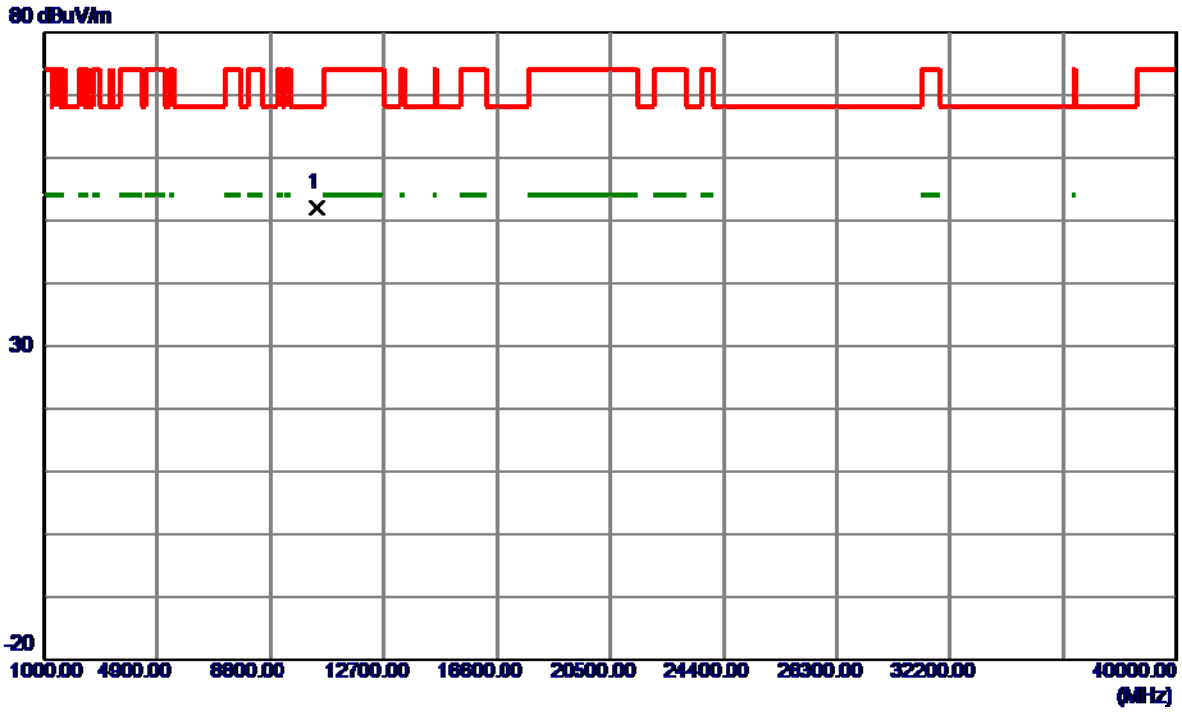
Test Mode	UNII-1_TX AC(VHT20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10474.0000	48.21	6.35	54.56	68.20	-13.64	Peak	

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

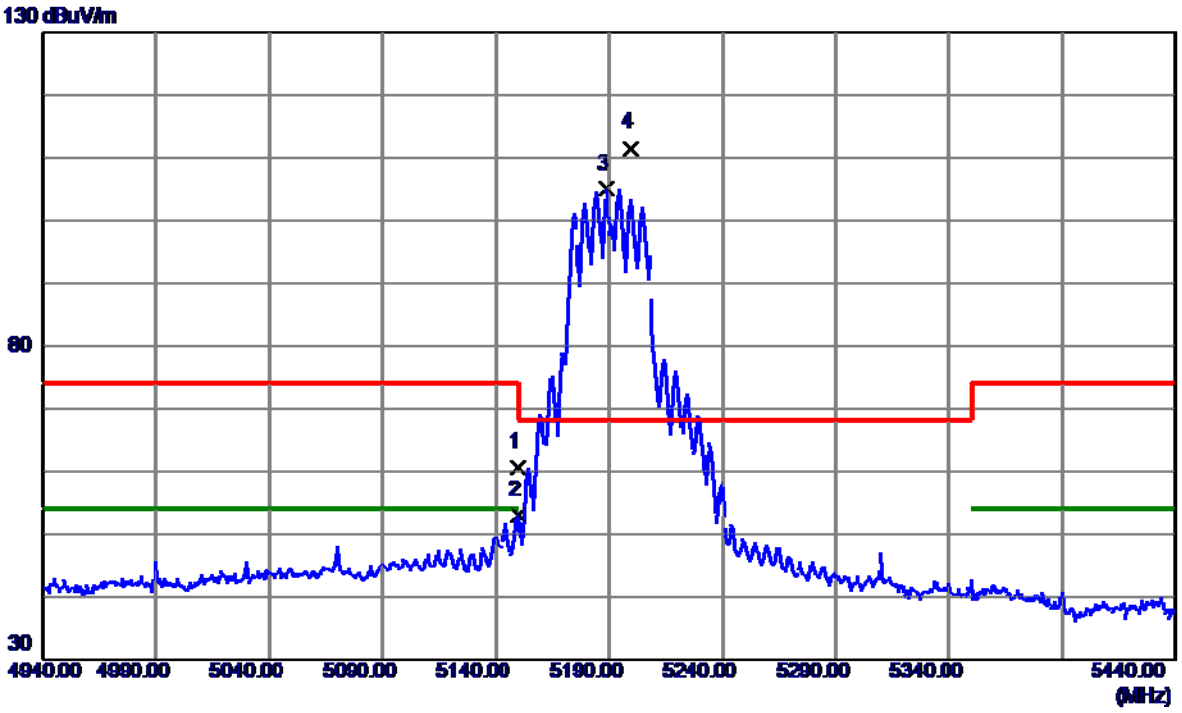
Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10388.0000	45.45	6.52	51.97	68.20	-16.23	Peak	

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

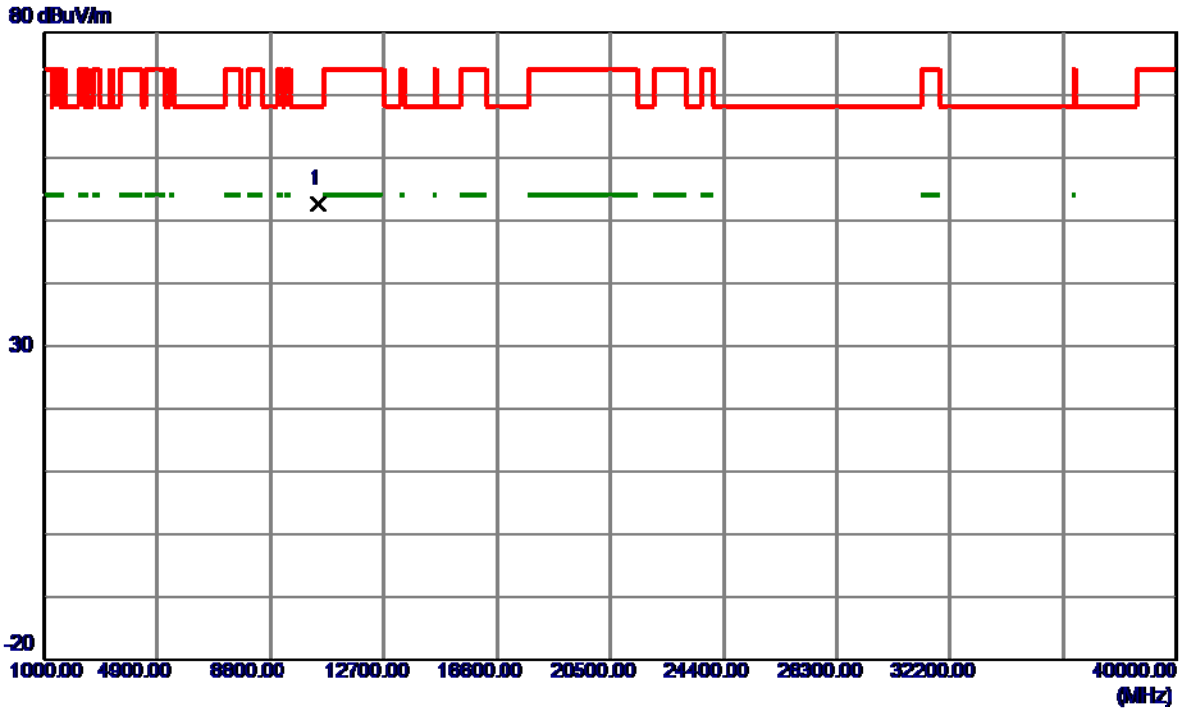
Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	48.30	12.32	60.62	74.00	-13.38	Peak	
2	5150.0000	40.73	12.32	53.05	54.00	-0.95	AVG	
3	5189.0000	92.77	12.32	105.09	999.00	893.91	AVG	No Limit
4 *	5199.2500	99.18	12.32	111.50	68.20	43.30	Peak	No Limit

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

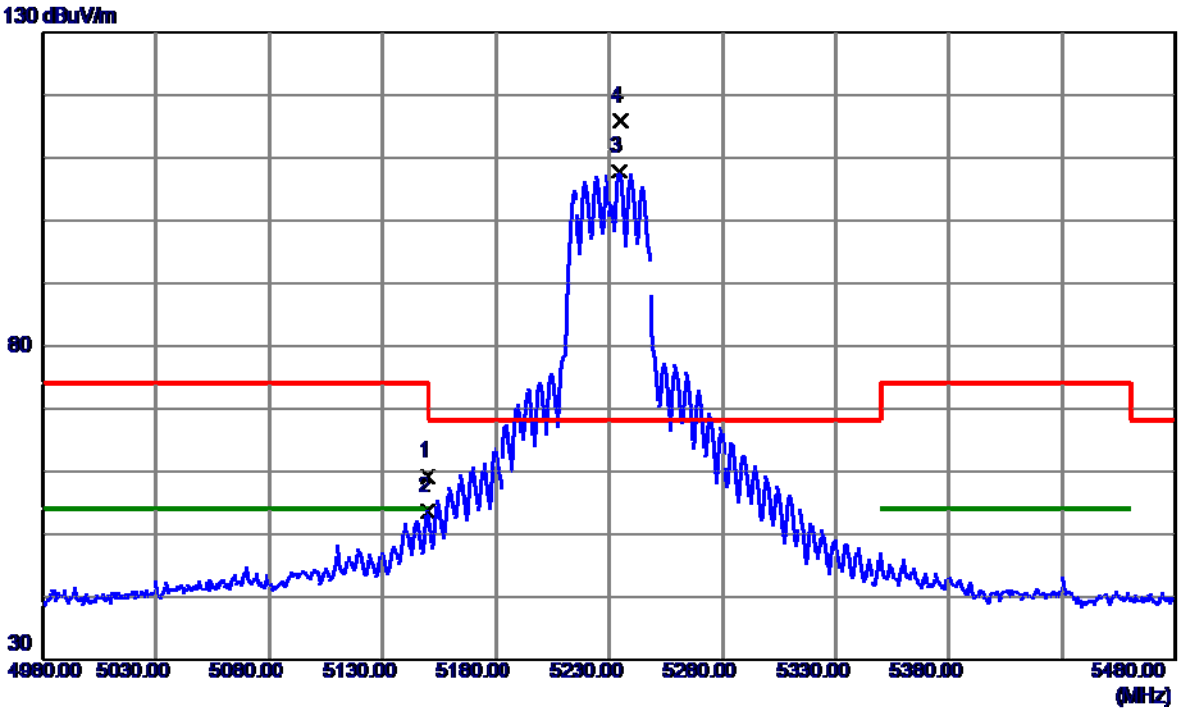
Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10463.0000	46.22	6.37	52.59	68.20	-15.61	Peak	

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

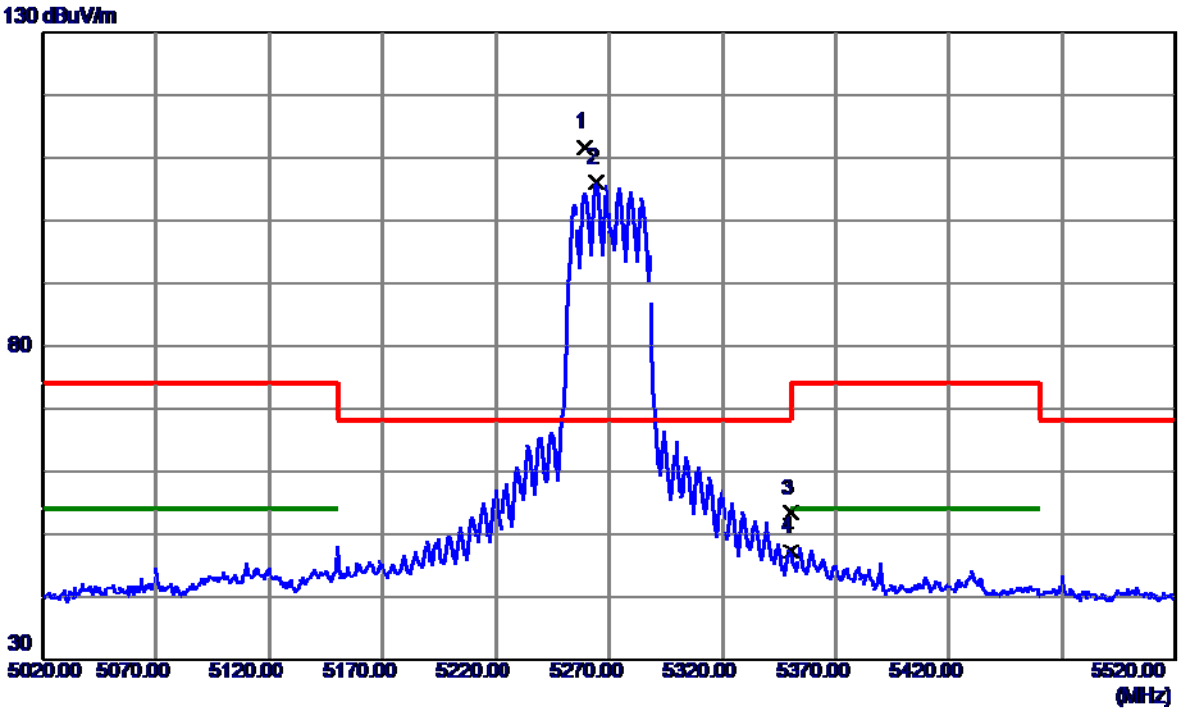
Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.95	12.32	59.27	74.00	-14.73	Peak	
2	5150.0000	41.26	12.32	53.58	54.00	-0.42	AVG	
3	5234.5000	95.54	12.32	107.86	999.00	891.14	AVG	No Limit
4 *	5234.7500	103.47	12.32	115.79	68.20	47.59	Peak	No Limit

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

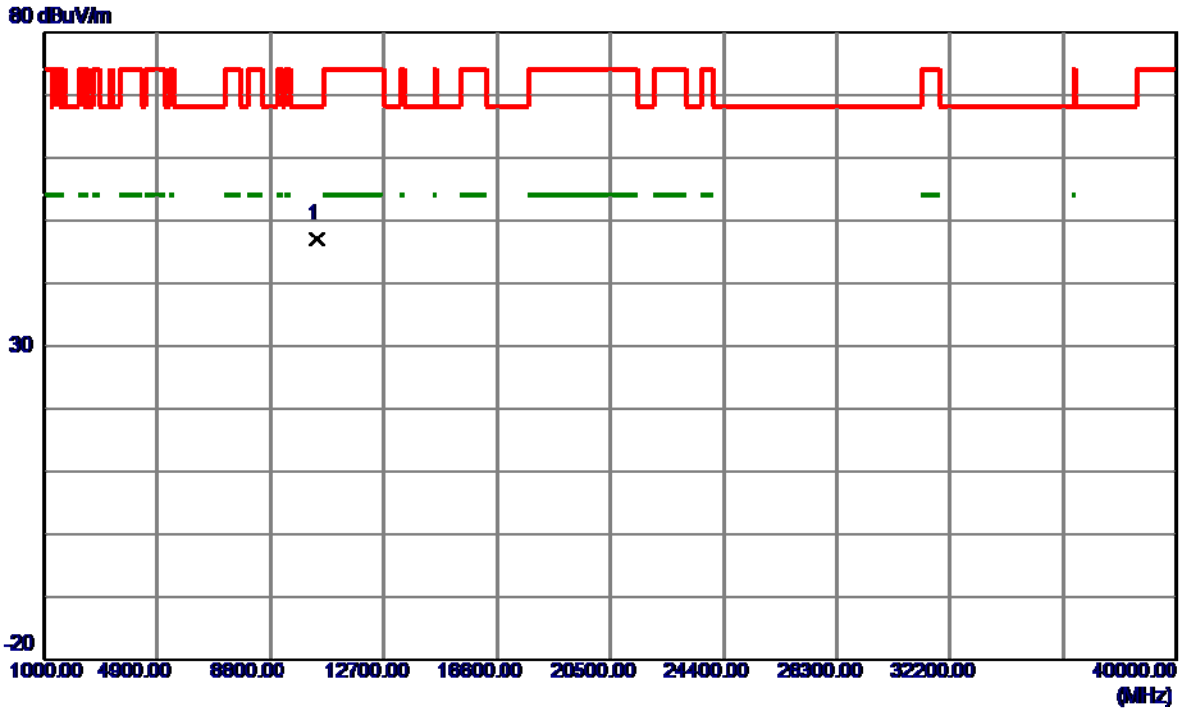
Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5259.2500	99.24	12.33	111.57	68.20	43.37	Peak	No Limit
2	5264.5000	93.64	12.33	105.97	999.00	-893.03	AVG	No Limit
3	5350.0000	40.97	12.33	53.30	74.00	20.70	Peak	
4	5350.0000	34.92	12.33	47.25	54.00	-6.75	AVG	

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

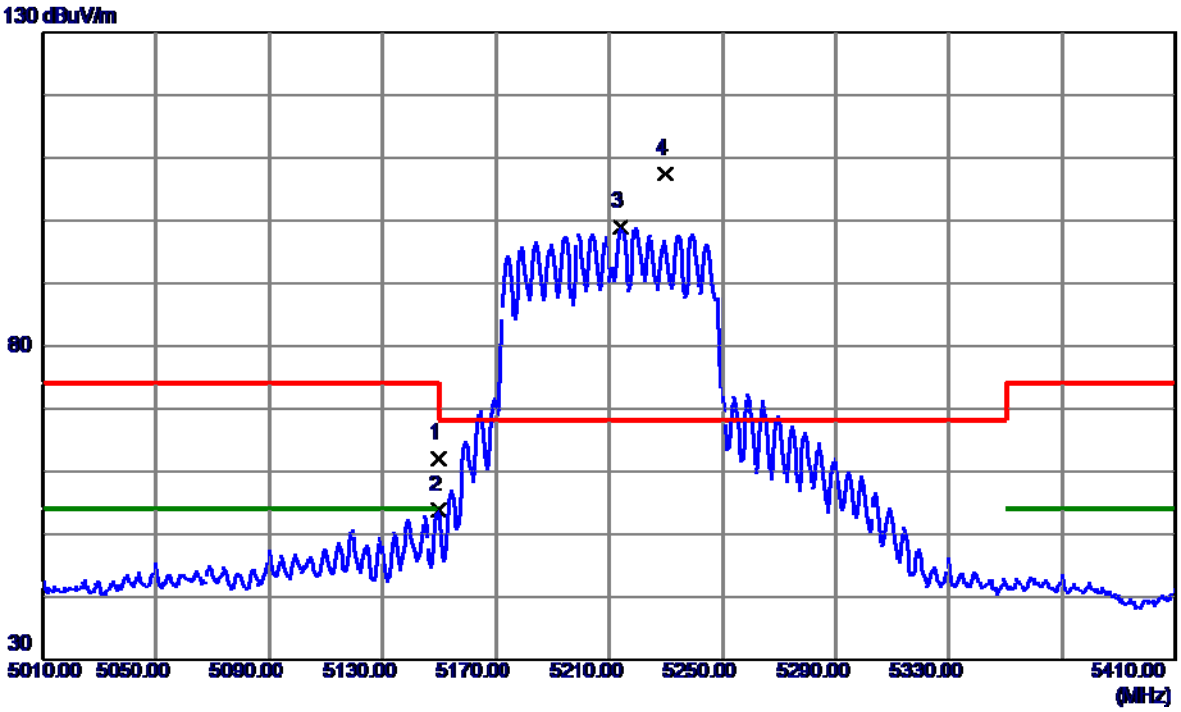
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10422.5000	40.64	6.45	47.09	68.20	-21.11	Peak	

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

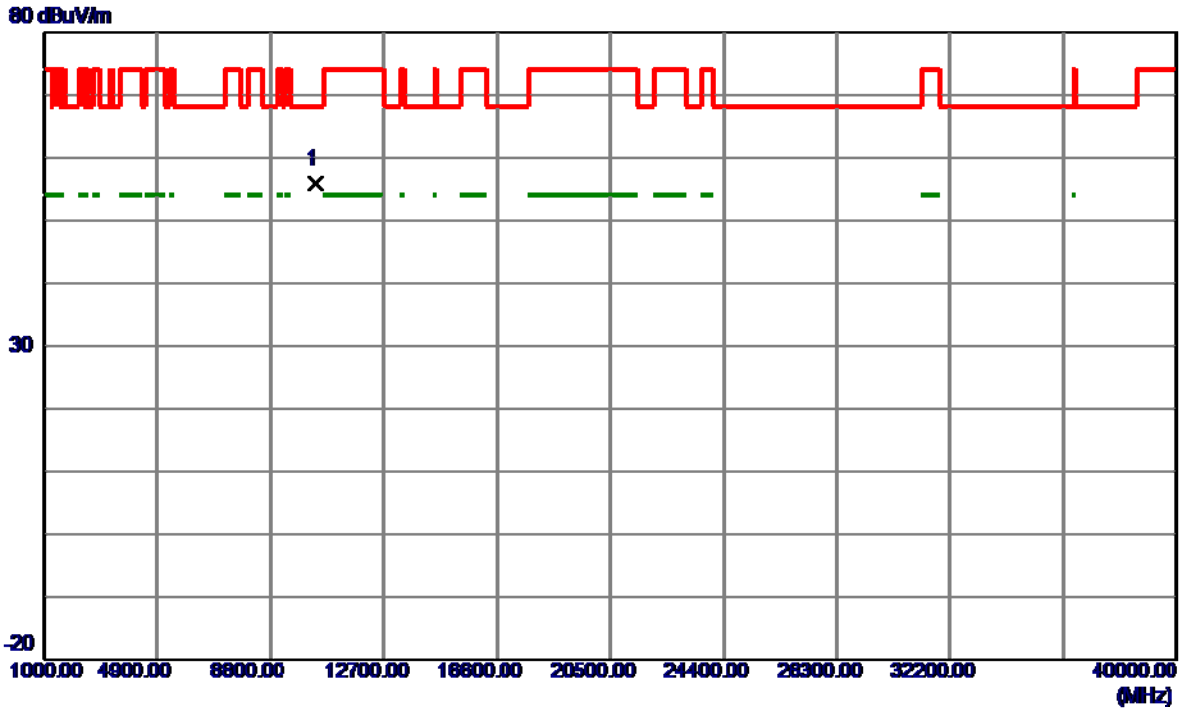
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	49.72	12.32	62.04	74.00	-11.96	Peak	
2	5150.0000	41.51	12.32	53.83	54.00	-0.17	AVG	
3	5214.0000	86.70	12.32	99.02	999.00	899.98	AVG	No Limit
4 *	5229.8000	95.02	12.32	107.34	68.20	39.14	Peak	No Limit

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

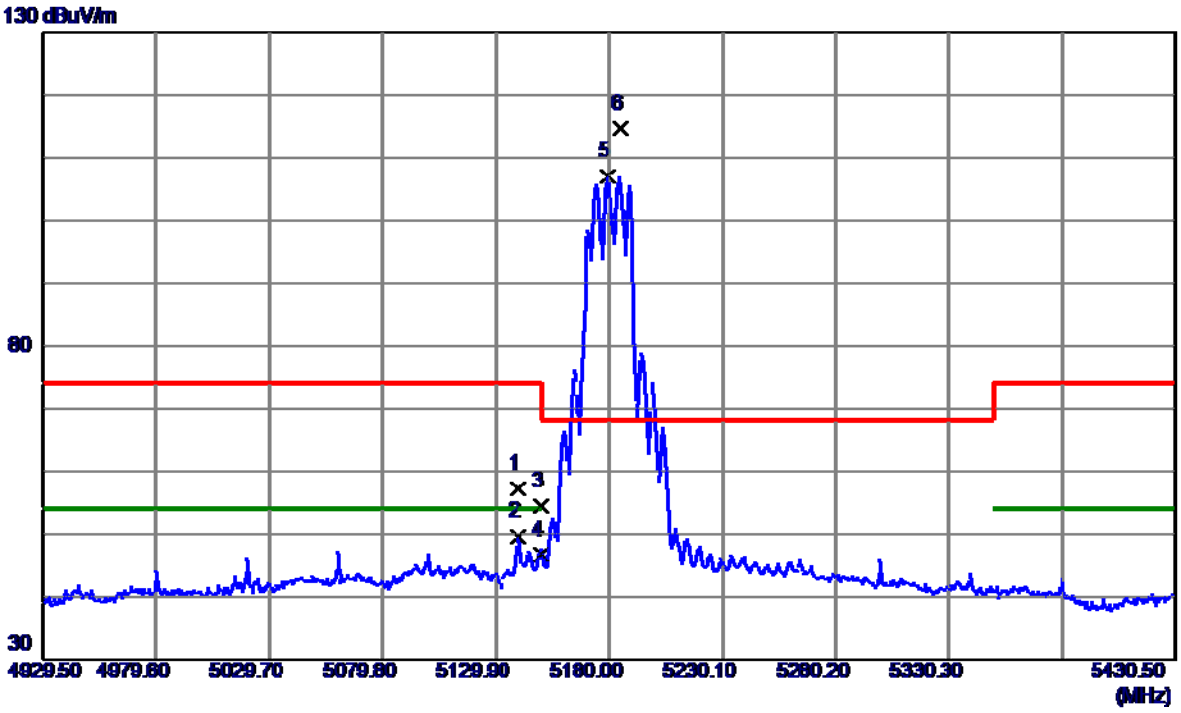
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10358.5000	49.18	6.58	55.76	68.20	-12.44	Peak	

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

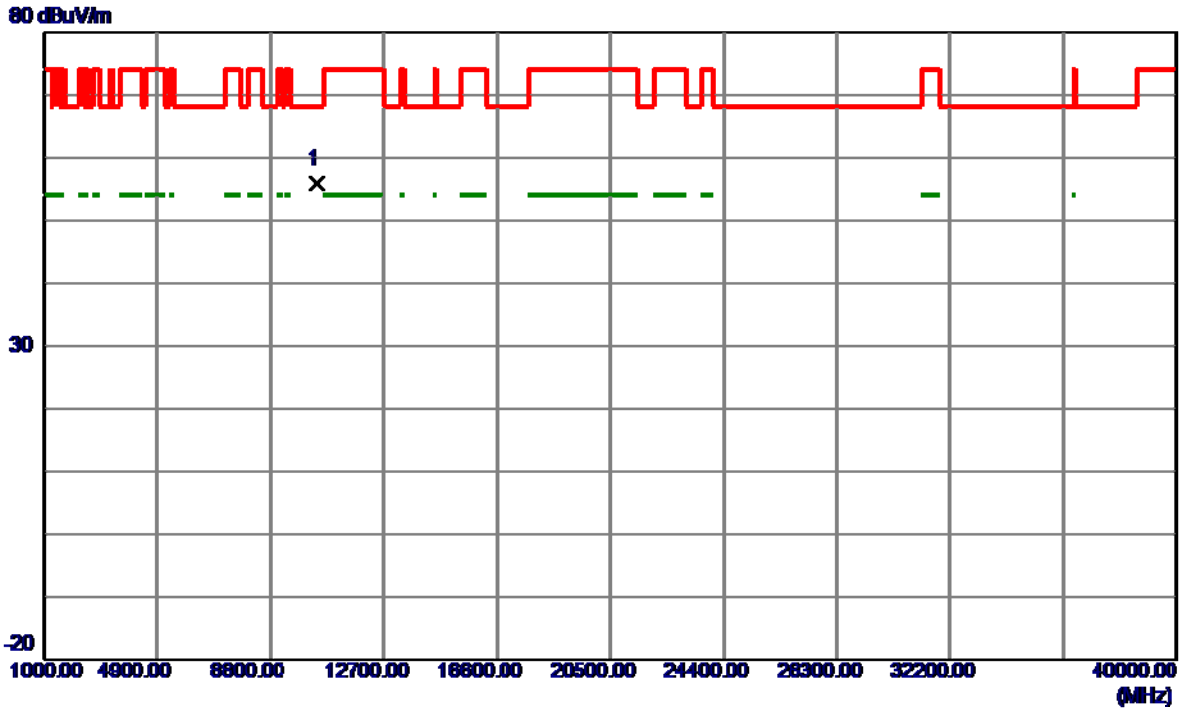
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5139.9200	44.96	12.32	57.28	74.00	-16.72	Peak	
2	5139.9200	37.29	12.32	49.61	54.00	-4.39	AVG	
3	5150.0000	42.12	12.32	54.44	74.00	19.56	Peak	
4	5150.0000	34.29	12.32	46.61	54.00	-7.39	AVG	
5	5179.2480	94.71	12.32	107.03	999.00	-891.97	AVG	No Limit
6 *	5185.0099	102.20	12.32	114.52	68.20	46.32	Peak	No Limit

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

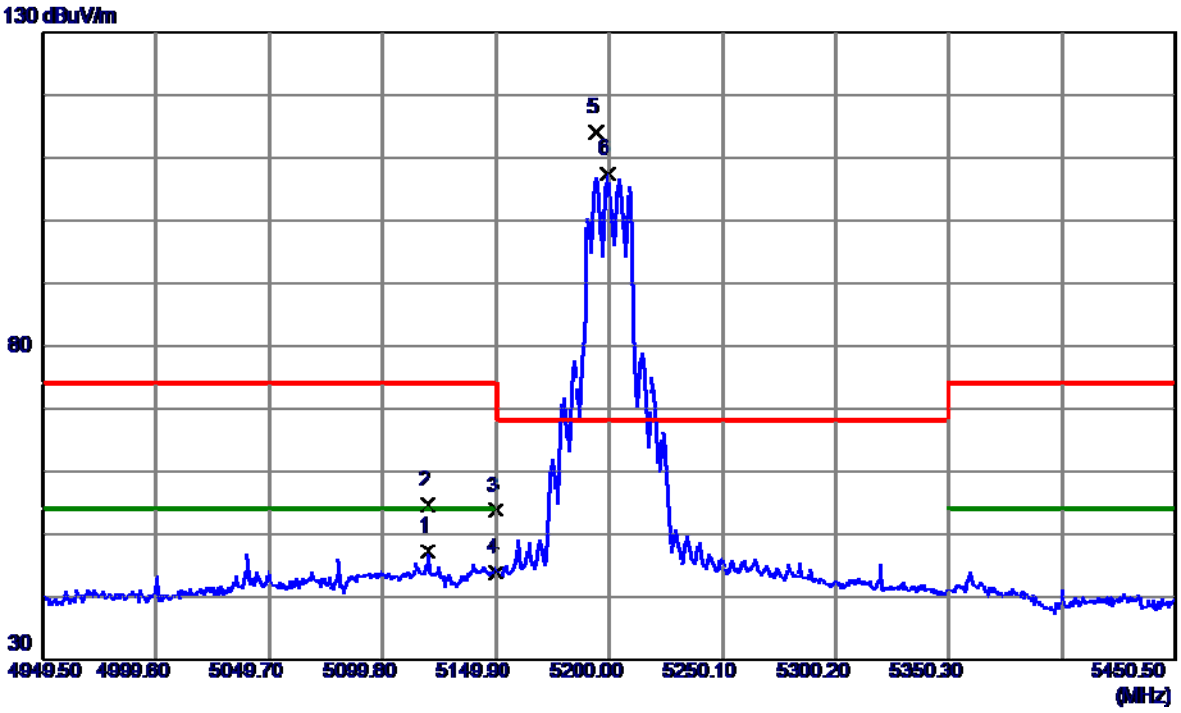
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10403.0000	49.23	6.49	55.72	68.20	-12.48	Peak	

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

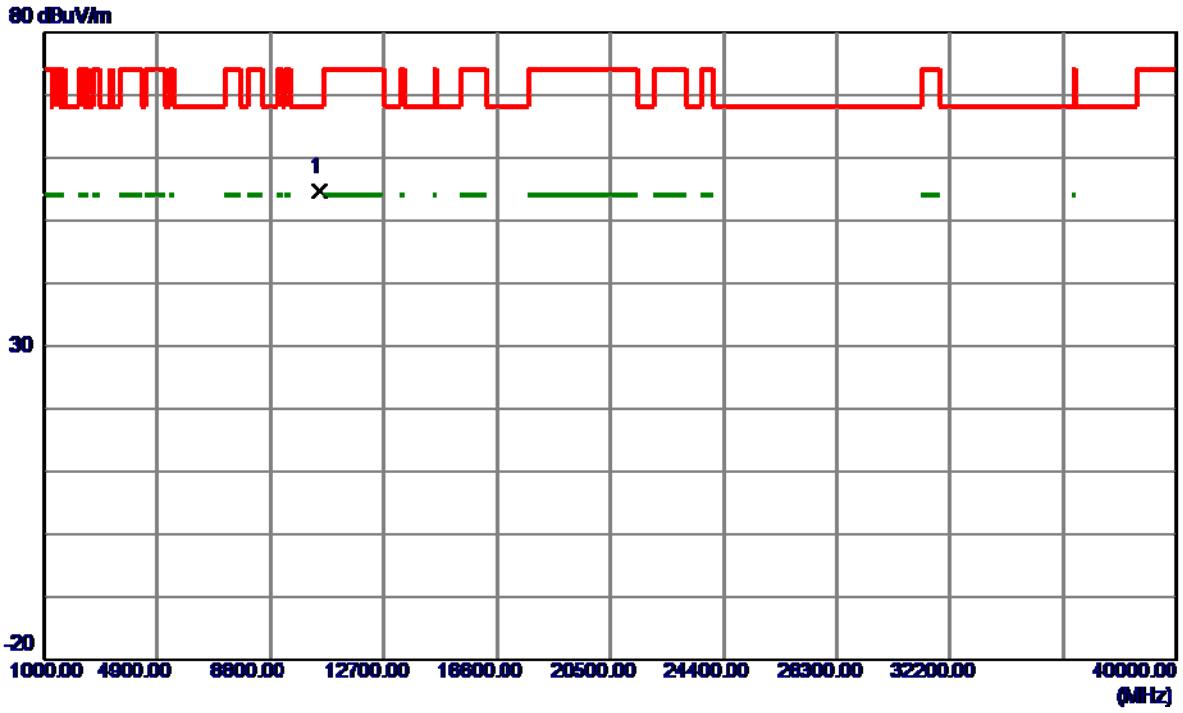
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5120.0910	34.97	12.32	47.29	54.00	-6.71	AVG	
2	5120.0970	42.22	12.32	54.54	74.00	-19.46	Peak	
3	5150.0000	41.38	12.32	53.70	74.00	20.30	Peak	
4	5150.0000	31.48	12.32	43.80	54.00	-10.20	AVG	
5 *	5194.2390	101.66	12.32	113.98	68.20	45.78	Peak	No Limit
6	5199.2480	95.01	12.32	107.33	999.00	-891.67	AVG	No Limit

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

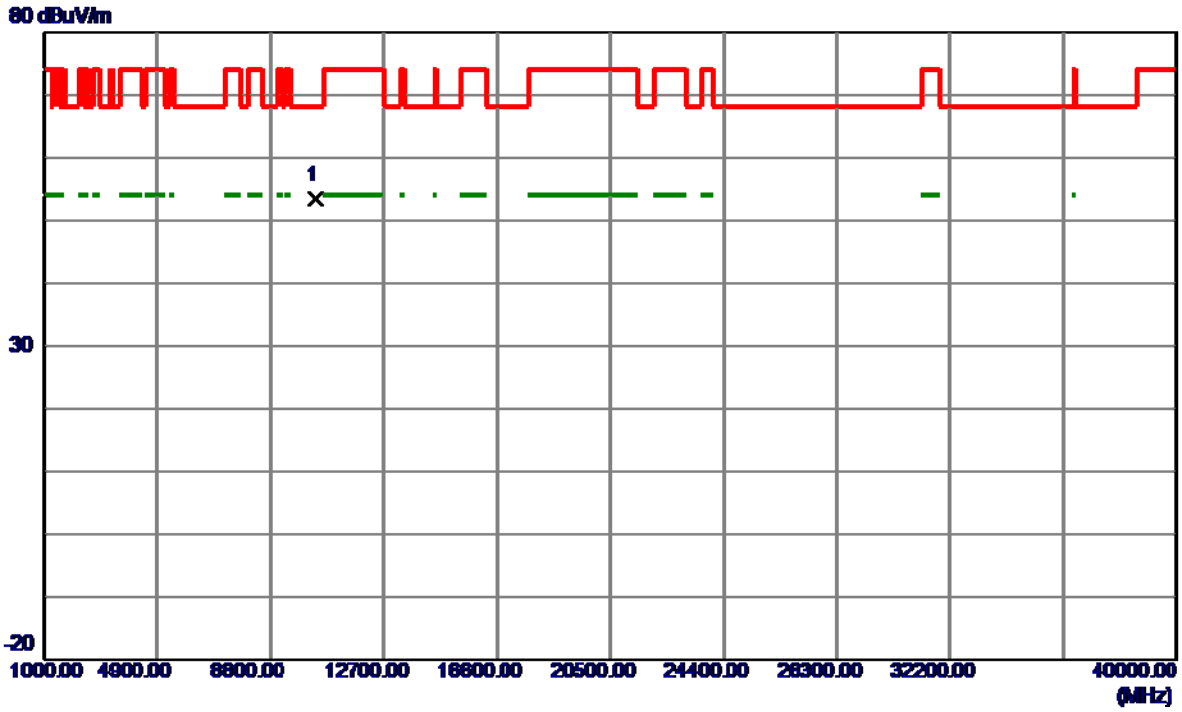
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10478.5000	48.22	6.34	54.56	68.20	-13.64	Peak	

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

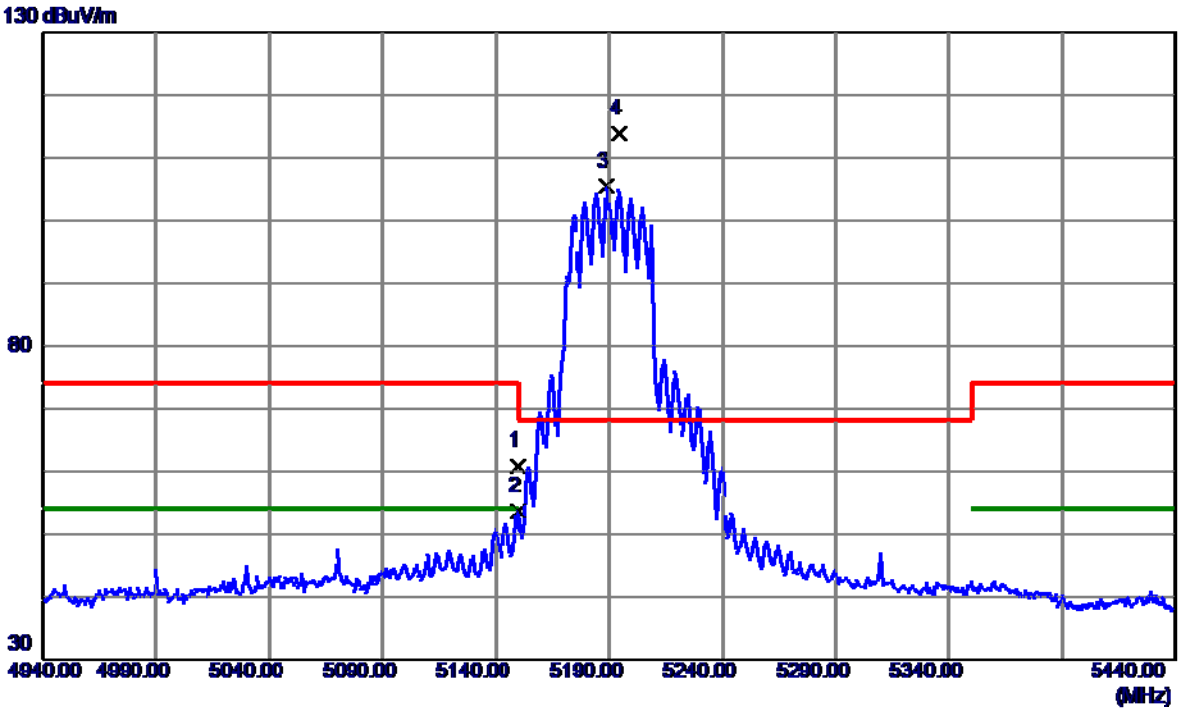
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10377.5000	46.76	6.54	53.30	68.20	-14.90	Peak	

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

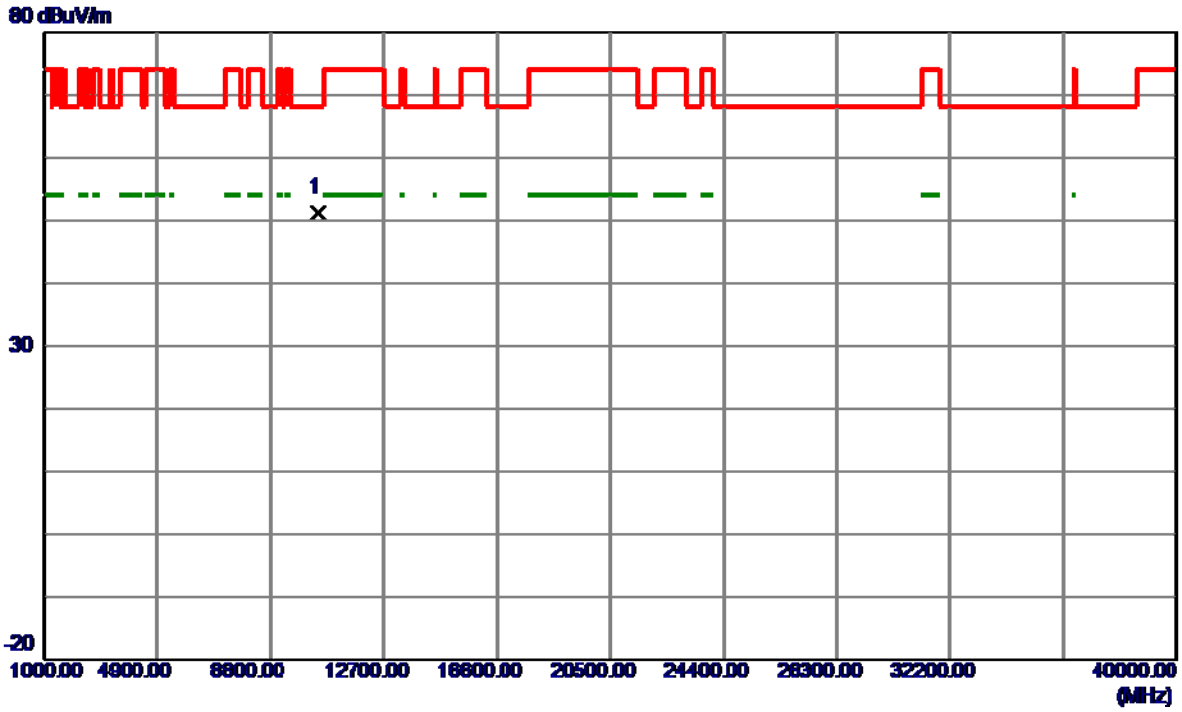
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	48.41	12.32	60.73	74.00	-13.27	Peak	
2	5150.0000	41.34	12.32	53.66	54.00	-0.34	AVG	
3	5189.0000	93.05	12.32	105.37	999.00	893.63	AVG	No Limit
4 *	5194.2500	101.39	12.32	113.71	68.20	45.51	Peak	No Limit

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

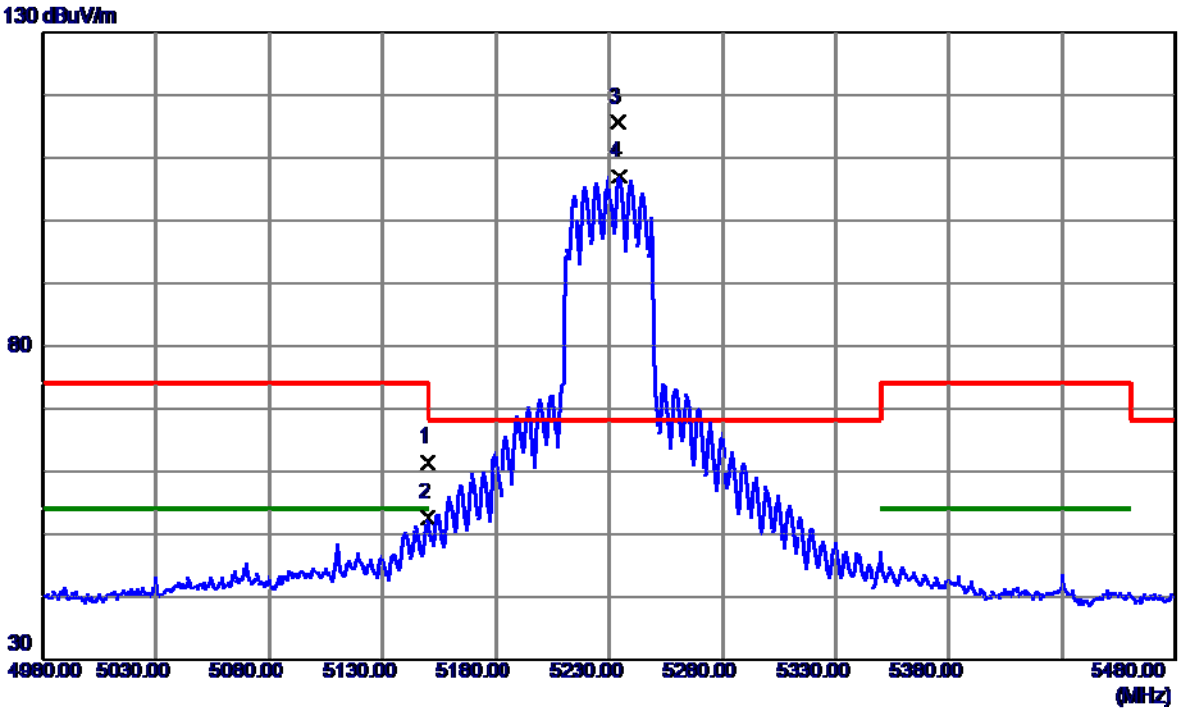
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10461.5000	44.73	6.38	51.11	68.20	-17.09	Peak	

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

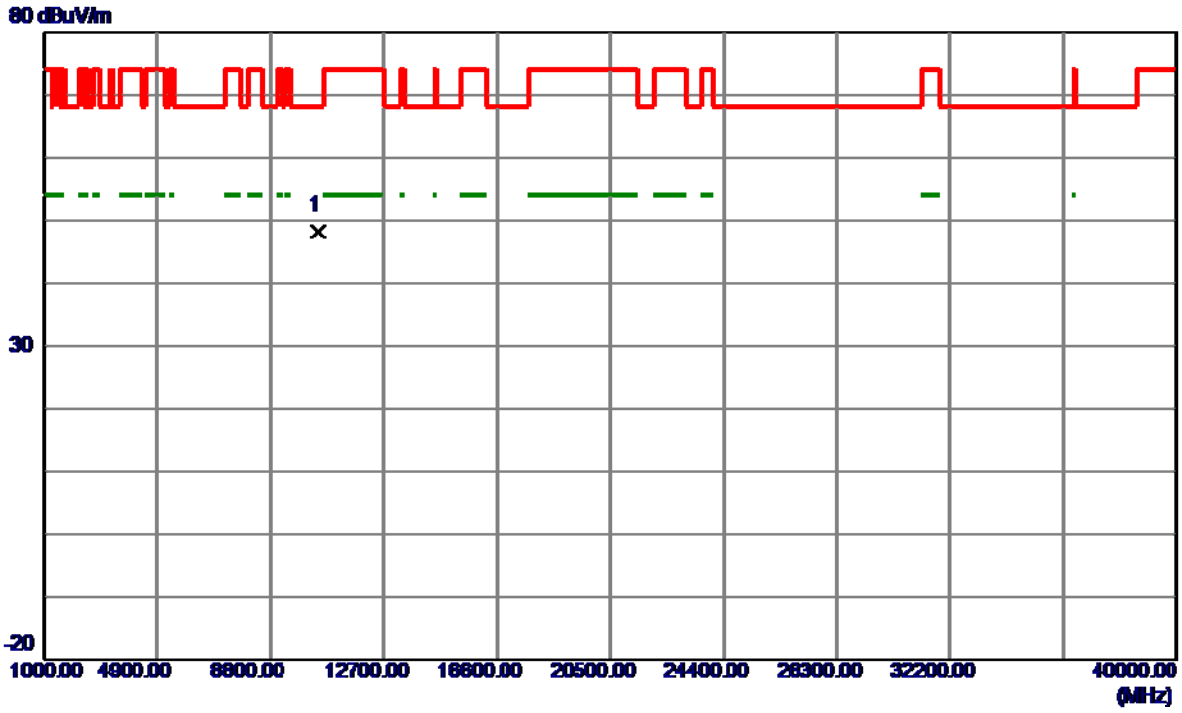
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	49.08	12.32	61.40	74.00	-12.60	Peak	
2	5150.0000	40.27	12.32	52.59	54.00	-1.41	AVG	
3 *	5234.0000	103.29	12.32	115.61	68.20	47.41	Peak	No Limit
4	5234.2500	94.77	12.32	107.09	999.00	-891.91	AVG	No Limit

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

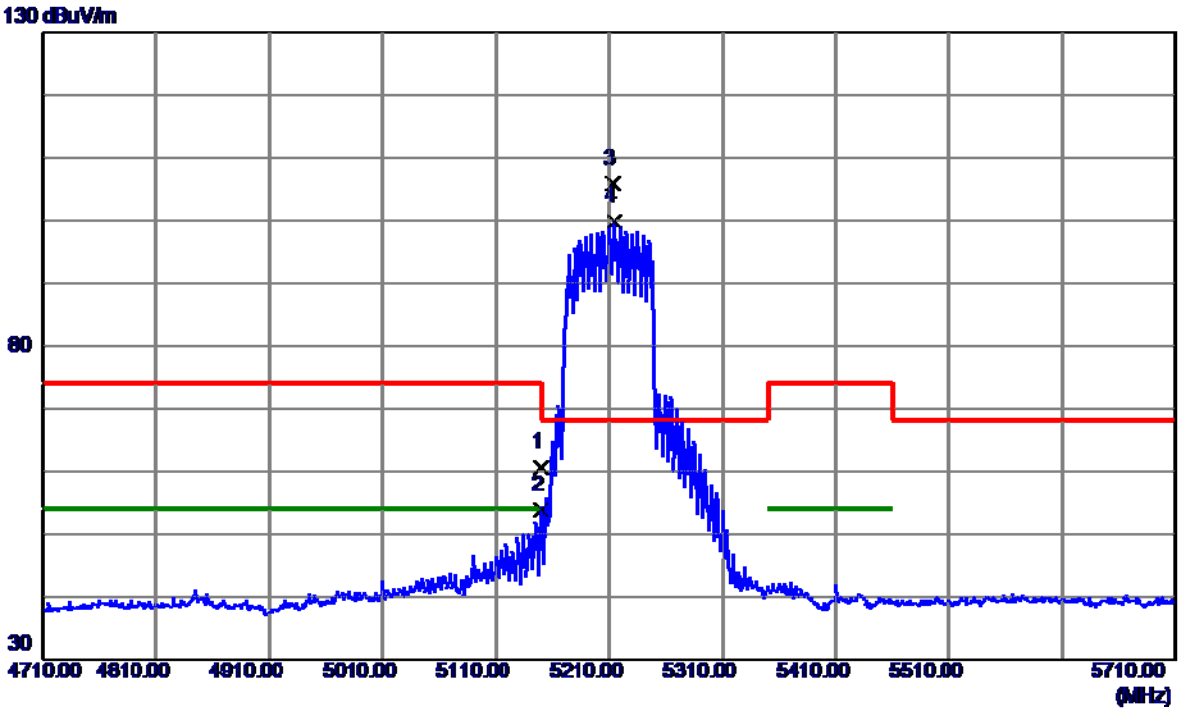
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10442.0250	41.89	6.41	48.30	68.20	-19.90	Peak	

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

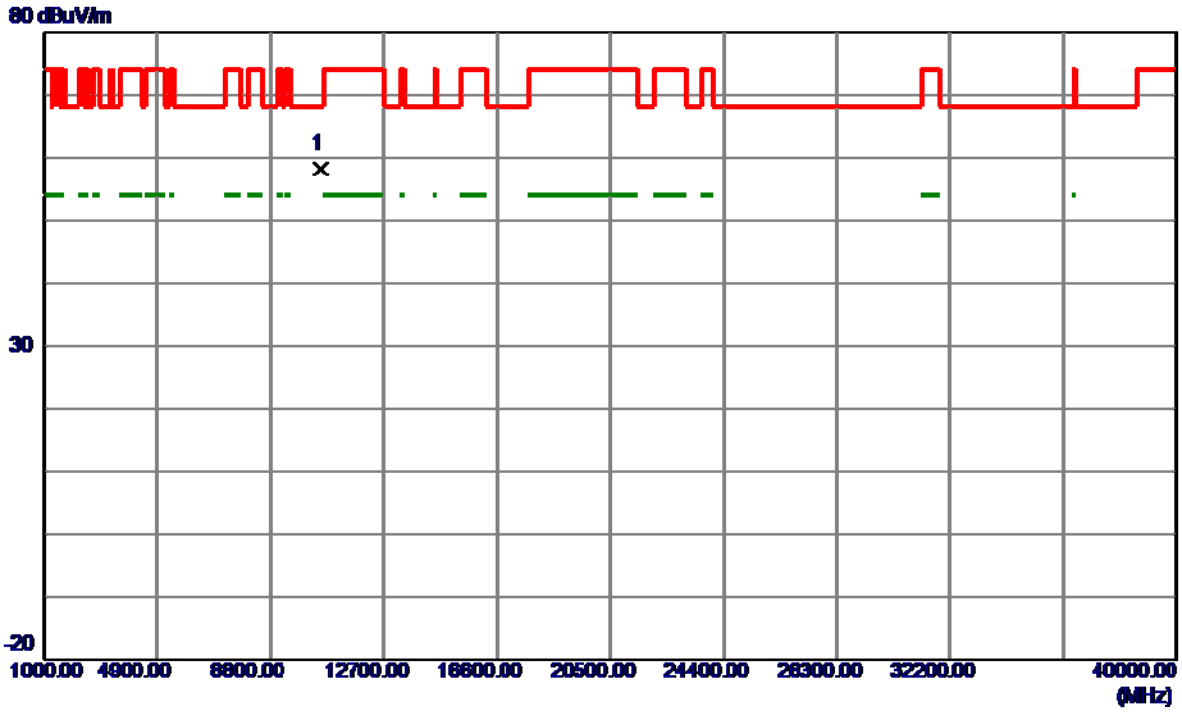
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	48.26	12.32	60.58	74.00	-13.42	Peak	
2	5150.0000	41.49	12.32	53.81	54.00	-0.19	AVG	
3 *	5213.5000	93.39	12.32	105.71	68.20	37.51	Peak	No Limit
4	5214.5000	87.42	12.32	99.74	999.00	-899.26	AVG	No Limit

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

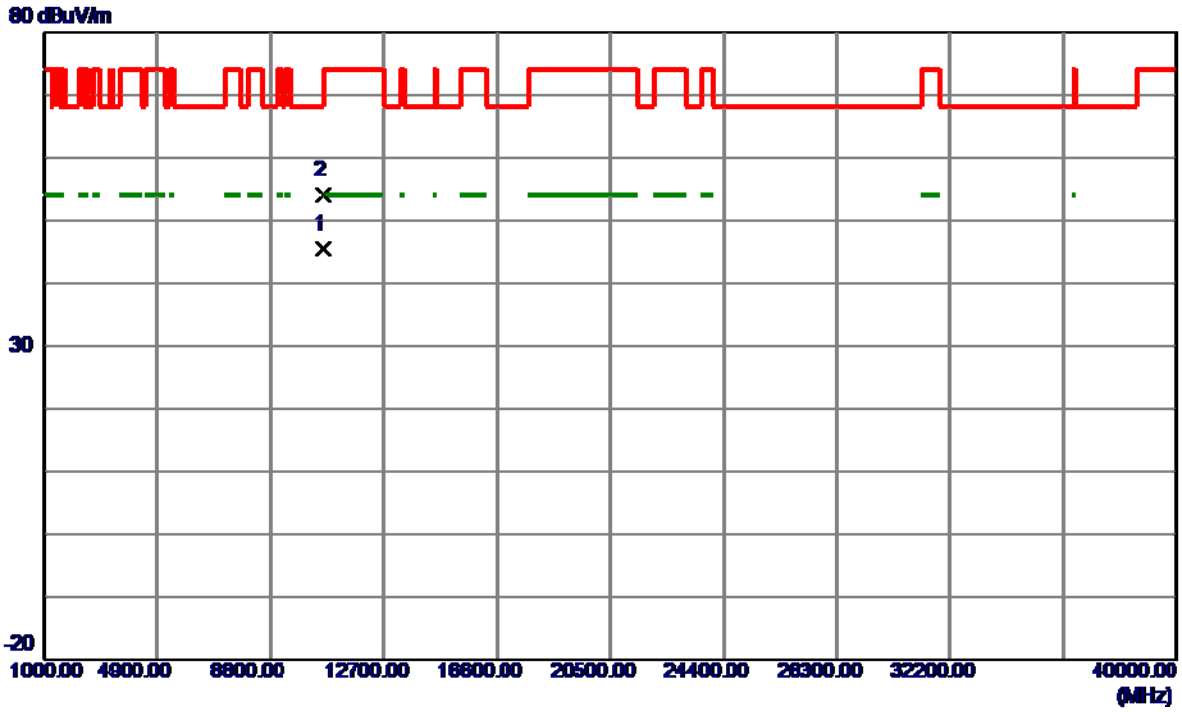
Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10512.5000	51.91	6.29	58.20	68.20	-10.00	Peak	

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

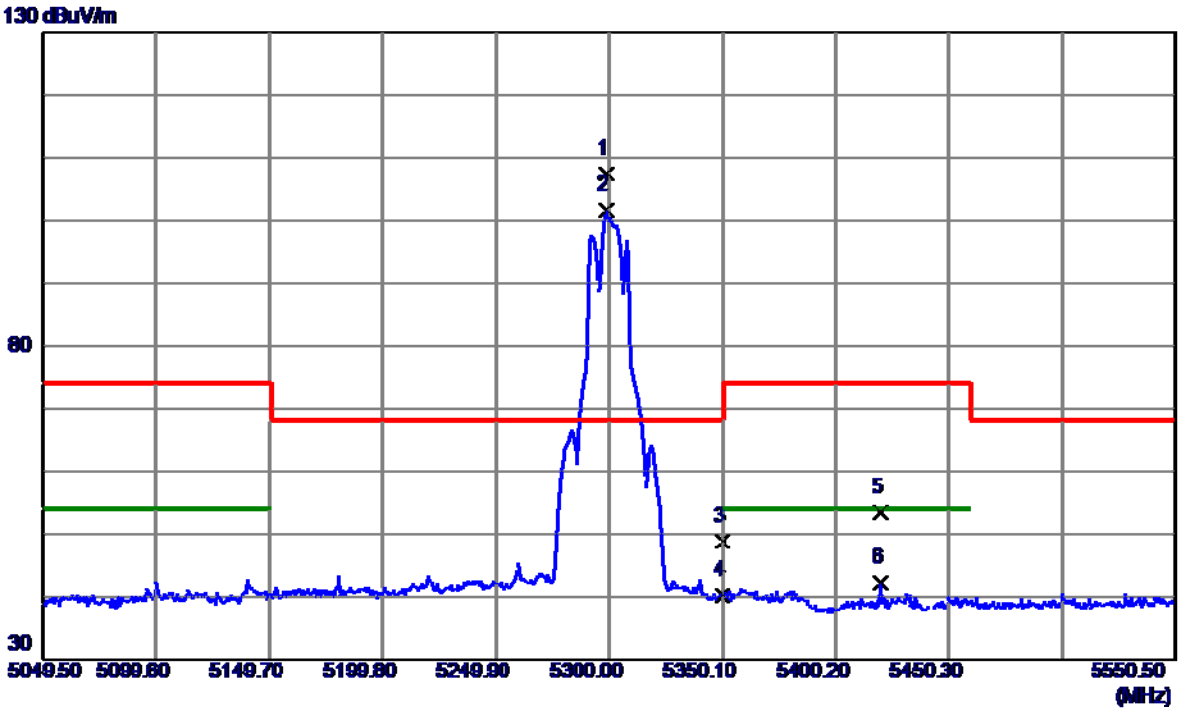
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10601.5000	39.14	6.25	45.39	54.00	-8.61	AVG	
2	10602.5000	47.67	6.25	53.92	74.00	-20.08	Peak	

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

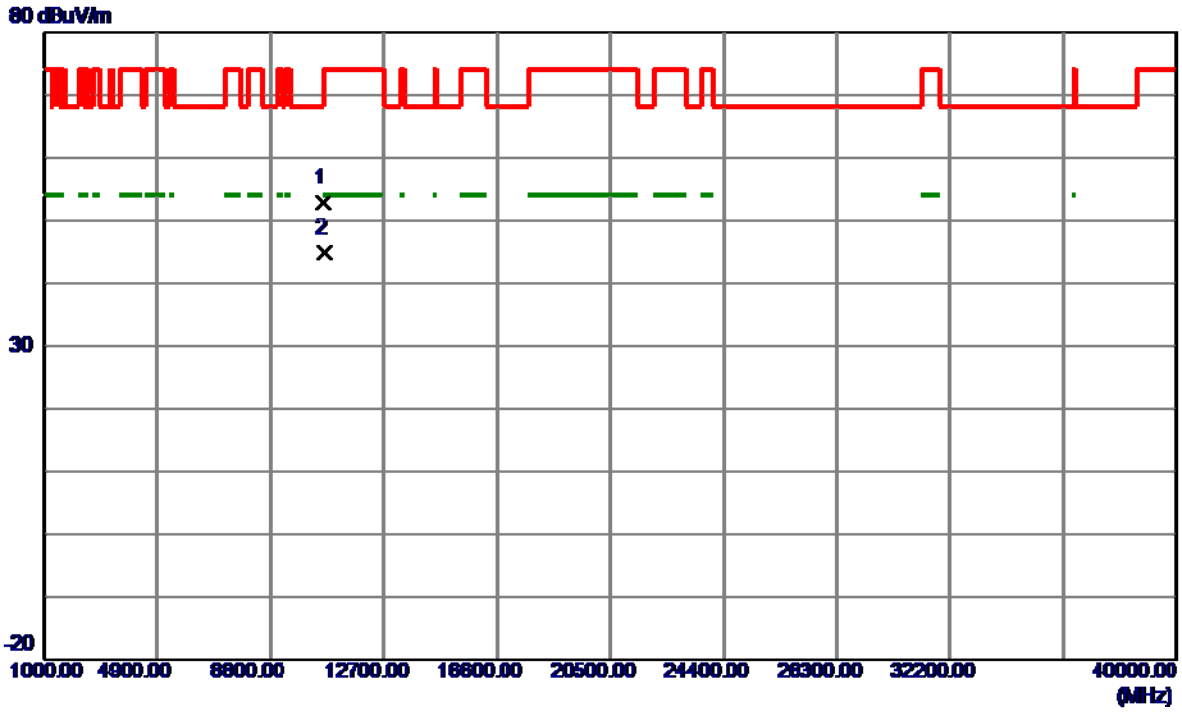
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5298.7480	95.09	12.33	107.42	68.20	39.22	Peak	No Limit
2	5298.9980	89.23	12.33	101.56	999.00	-897.44	AVG	No Limit
3	5350.0000	36.53	12.33	48.86	74.00	25.14	Peak	
4	5350.0000	27.79	12.33	40.12	54.00	-13.88	AVG	
5	5419.9890	41.09	12.33	53.42	74.00	-20.58	Peak	
6	5419.9890	29.91	12.33	42.24	54.00	-11.76	AVG	

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

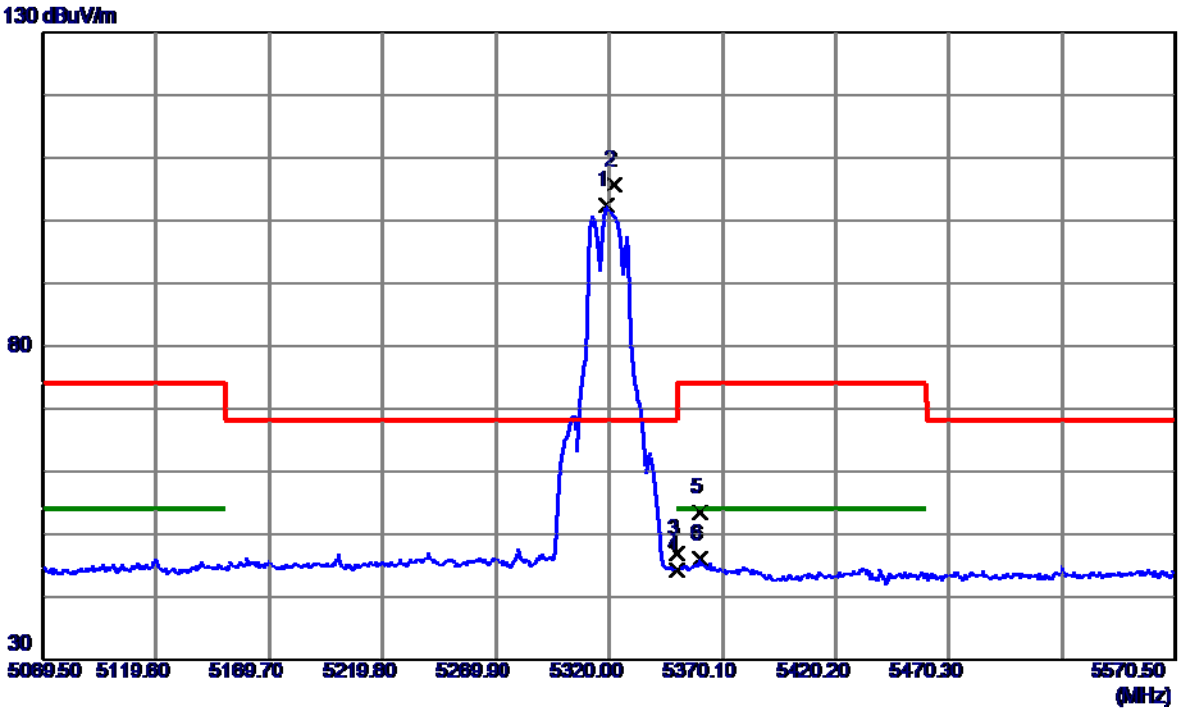
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10632.5000	46.53	6.24	52.77	74.00	-21.23	Peak	
2 *	10642.5000	38.51	6.23	44.74	54.00	-9.26	AVG	

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

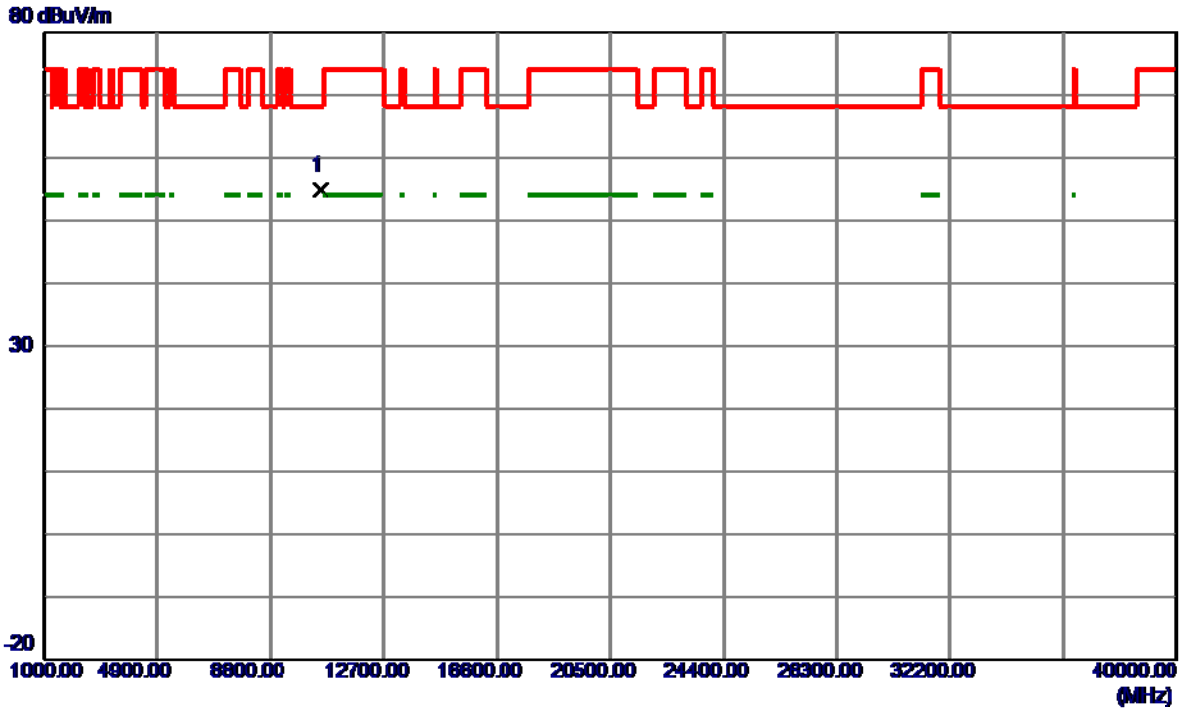
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5318.9980	90.13	12.33	102.46	999.00	-896.54	AVG	No Limit
2 *	5322.0030	93.21	12.33	105.54	68.20	37.34	Peak	No Limit
3	5350.0000	34.49	12.33	46.82	74.00	27.18	Peak	
4	5350.0000	31.85	12.33	44.18	54.00	-9.82	AVG	
5	5359.8290	41.07	12.33	53.40	74.00	-20.60	Peak	
6	5359.8290	33.60	12.33	45.93	54.00	-8.07	AVG	

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

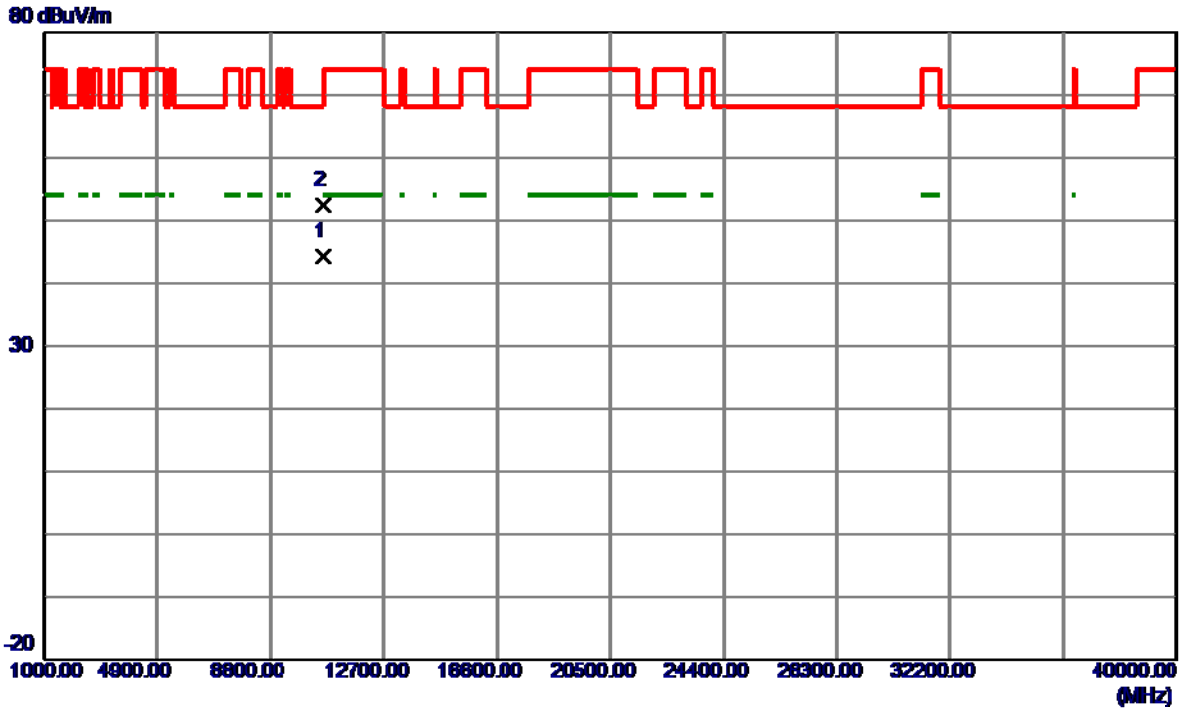
Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10518.0000	48.42	6.29	54.71	68.20	-13.49	Peak	

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

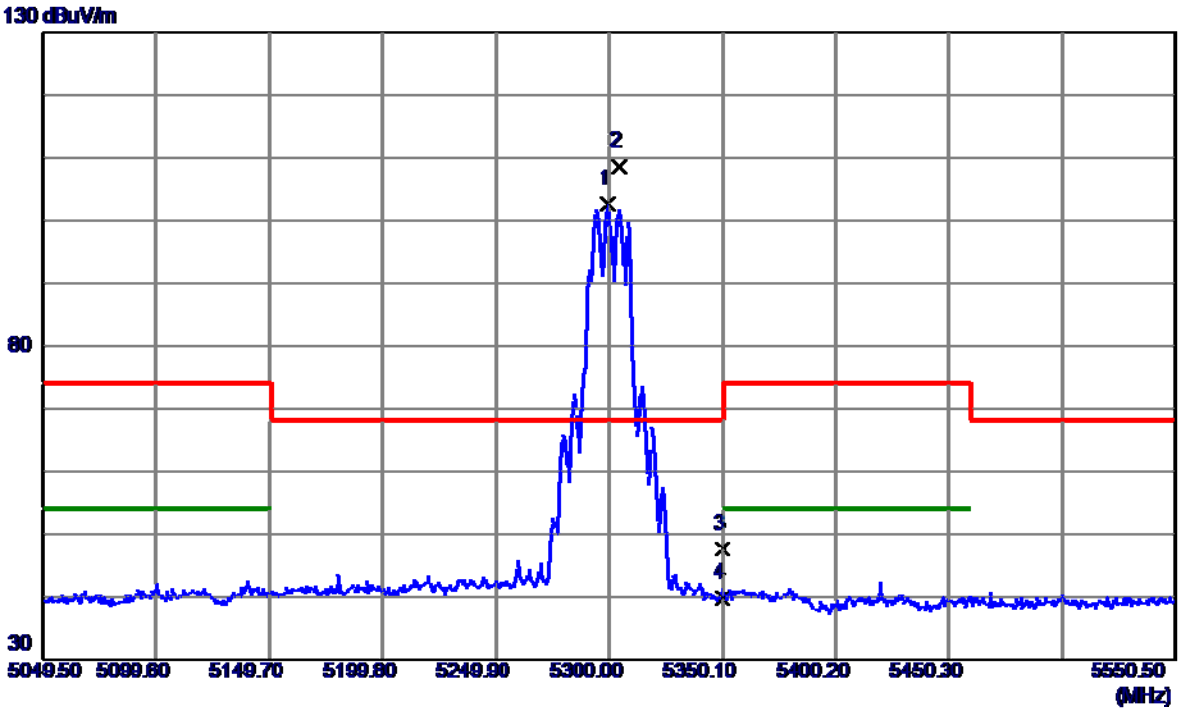
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10601.2100	37.91	6.25	44.16	54.00	-9.84	AVG	
2	10603.0000	46.22	6.25	52.47	74.00	-21.53	Peak	

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

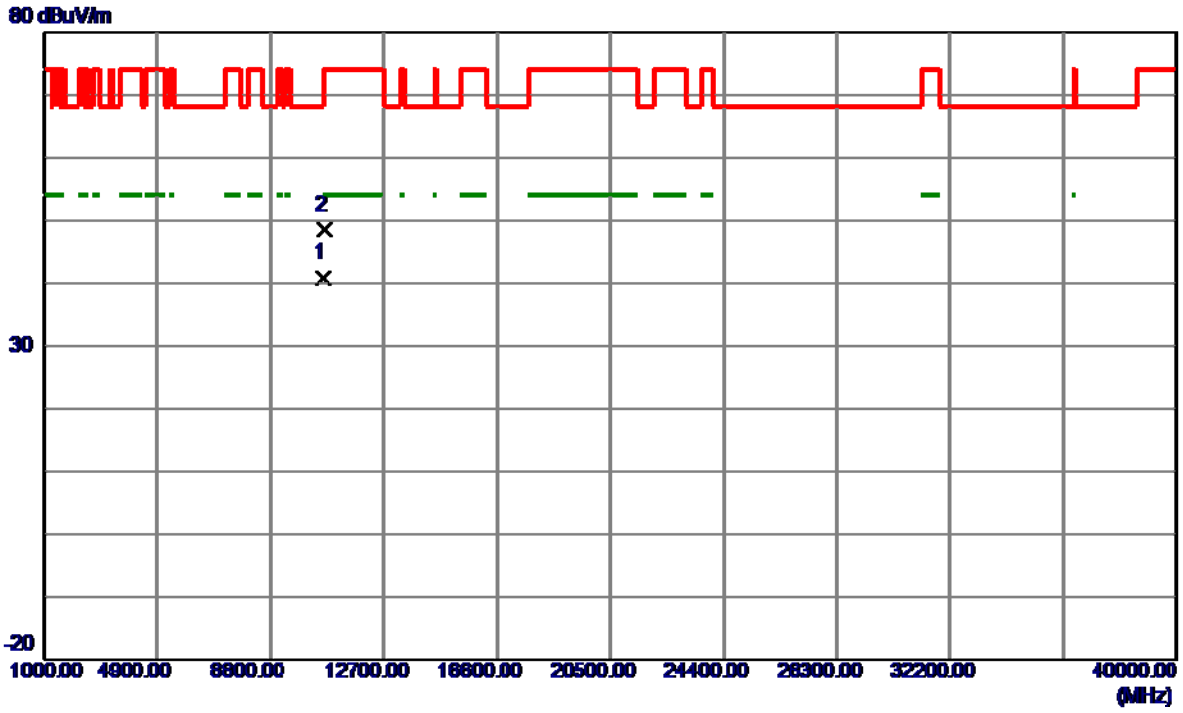
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5299.2480	90.18	12.33	102.51	999.00	-896.49	AVG	No Limit
2 *	5304.2580	96.34	12.33	108.67	68.20	40.47	Peak	No Limit
3	5350.0000	35.22	12.33	47.55	74.00	26.45	Peak	
4	5350.0000	27.41	12.33	39.74	54.00	-14.26	AVG	

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

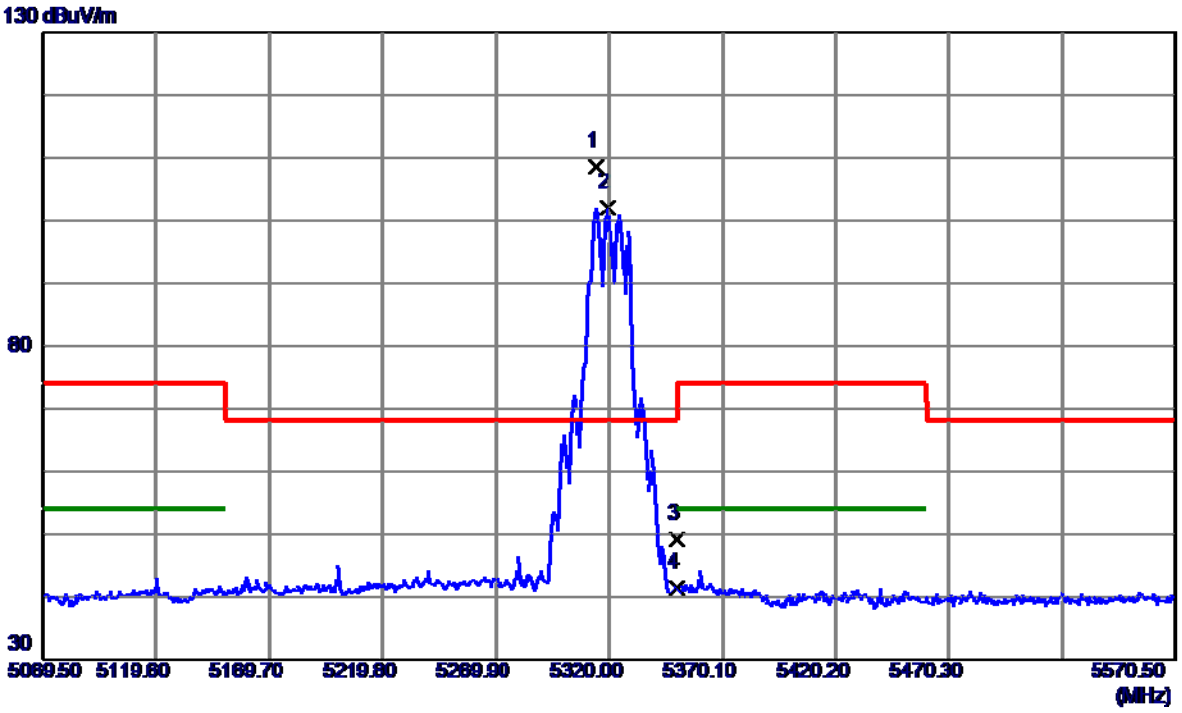
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10638.0000	34.53	6.23	40.76	54.00	-13.24	AVG	
2	10649.0000	42.27	6.23	48.50	74.00	-25.50	Peak	

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

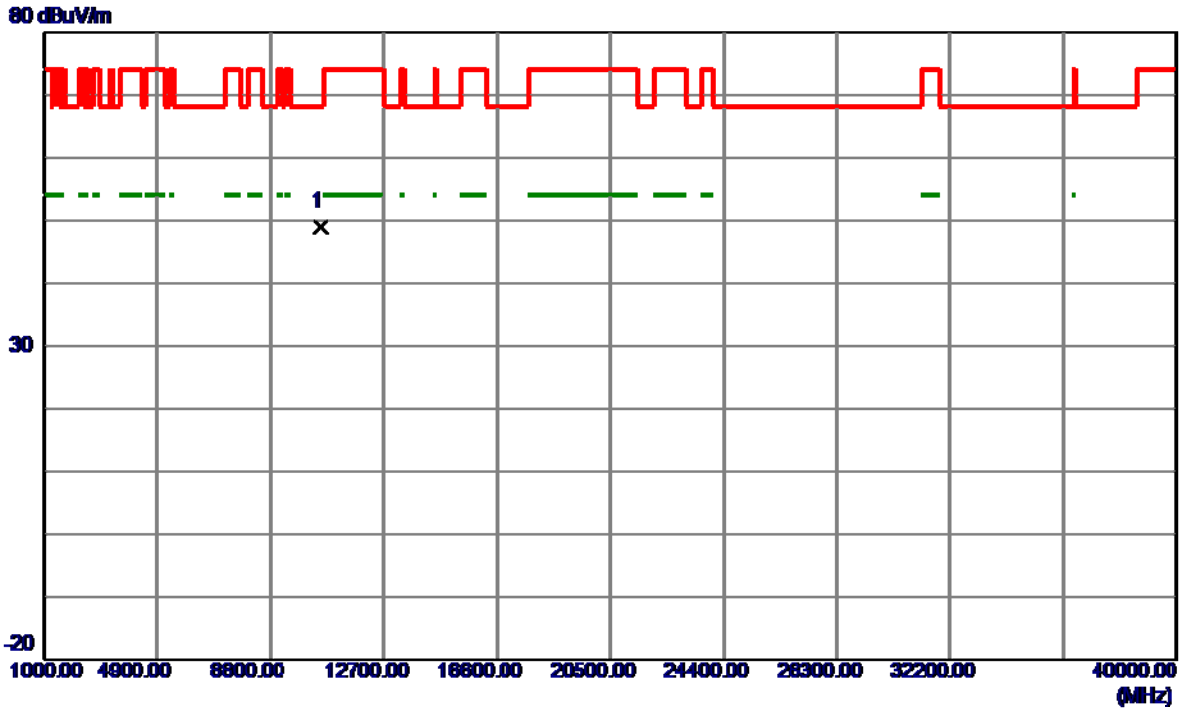
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5314.2390	96.19	12.33	108.52	68.20	40.32	Peak	No Limit
2	5319.2480	89.75	12.33	102.08	999.00	-896.92	AVG	No Limit
3	5350.0000	36.90	12.33	49.23	74.00	24.77	Peak	
4	5350.0000	29.12	12.33	41.45	54.00	-12.55	AVG	

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

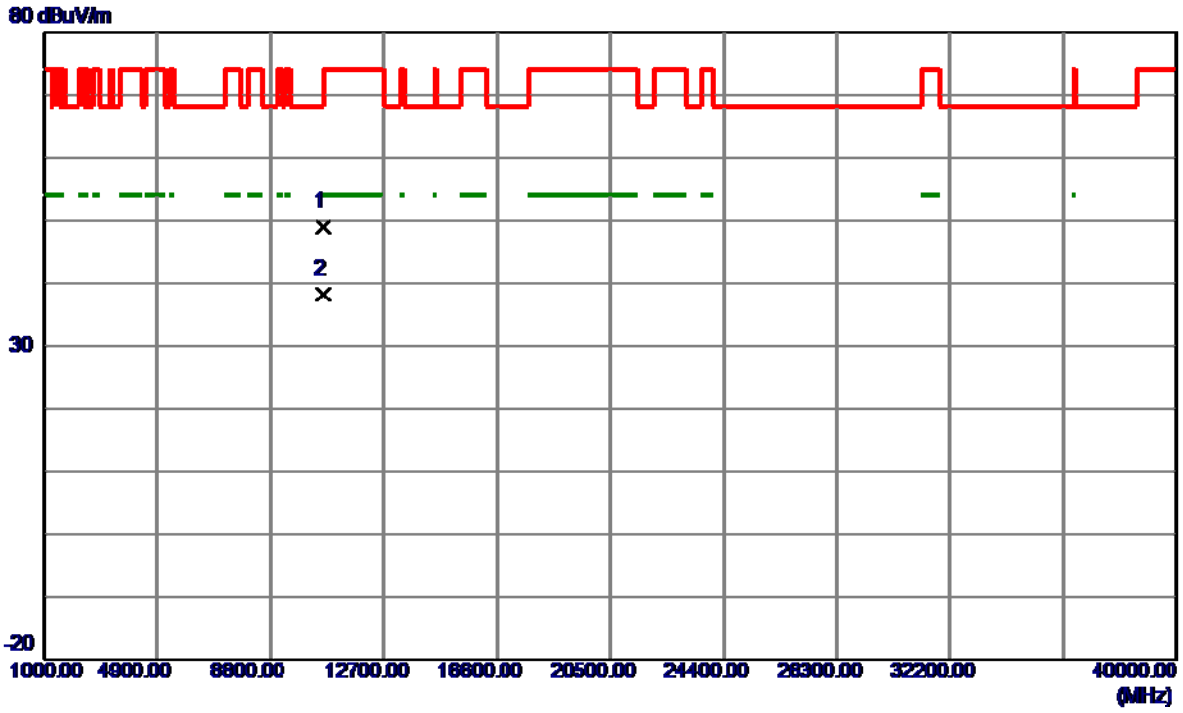
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10548.0000	42.80	6.28	49.08	68.20	-19.12	Peak	

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

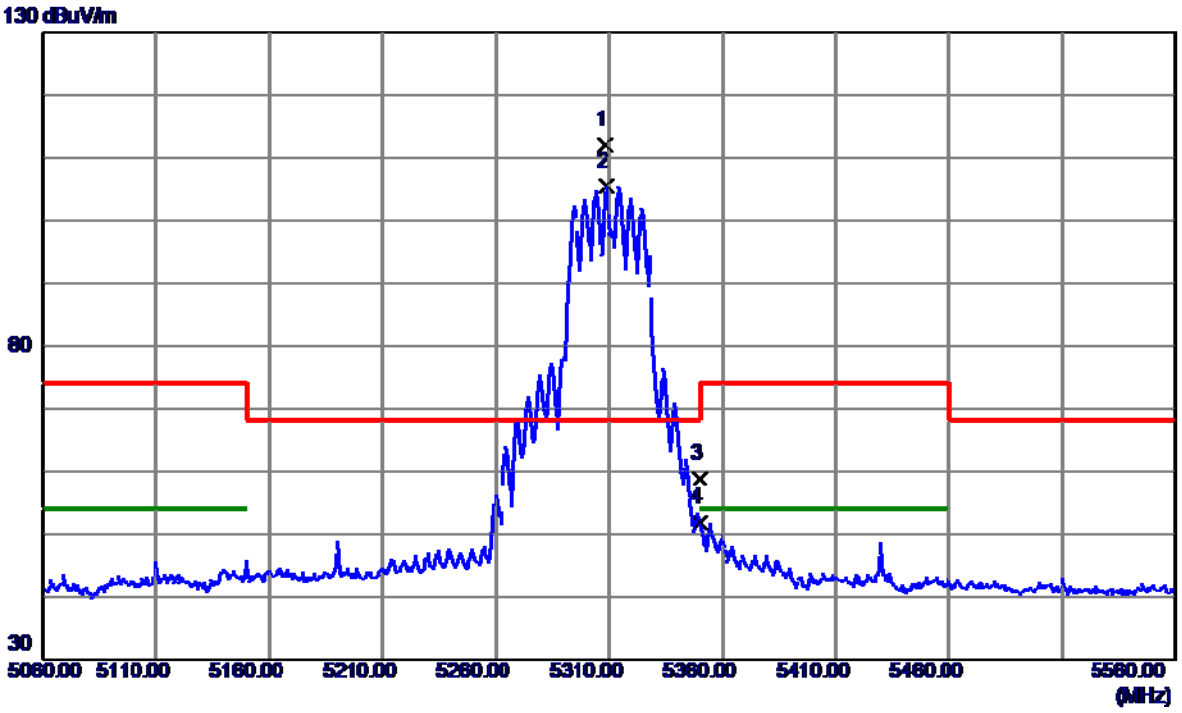
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10603.0000	42.82	6.25	49.07	74.00	-24.93	Peak	
2 *	10612.0000	32.00	6.25	38.25	54.00	-15.75	AVG	

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

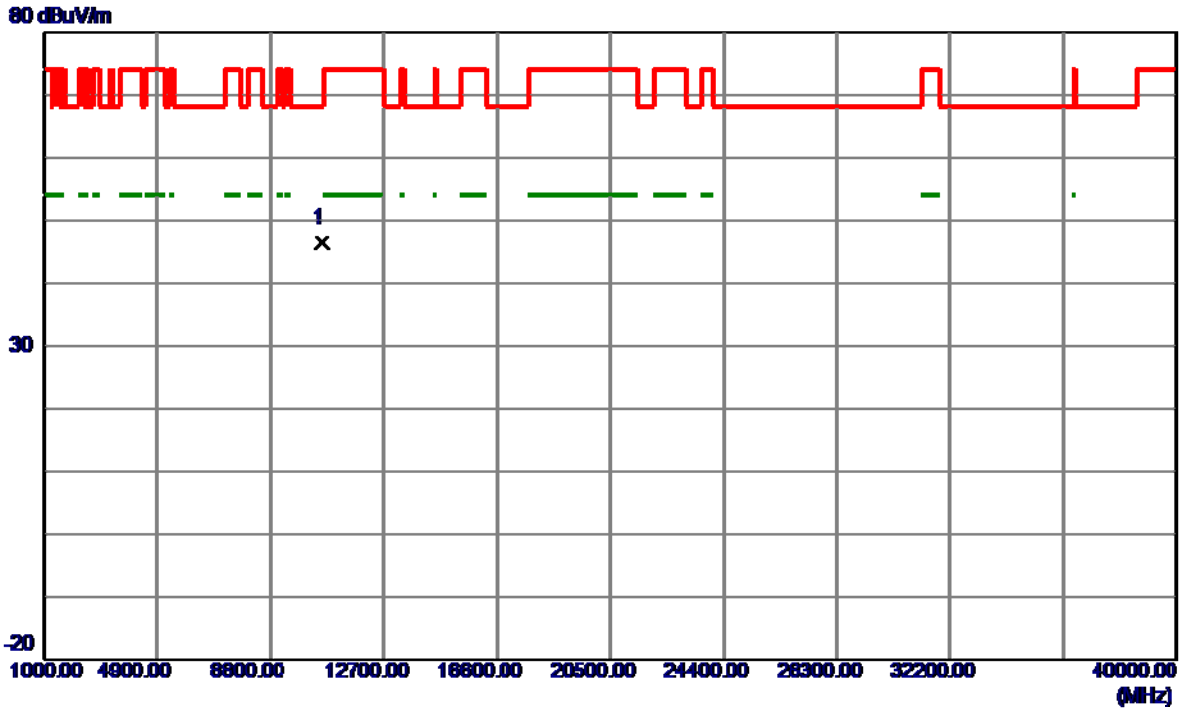
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5308.5000	99.57	12.33	111.90	68.20	43.70	Peak	No Limit
2	5309.0000	93.12	12.33	105.45	999.00	-893.55	AVG	No Limit
3	5350.0000	46.45	12.33	58.78	74.00	15.22	Peak	
4	5350.0000	39.52	12.33	51.85	54.00	-2.15	AVG	

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

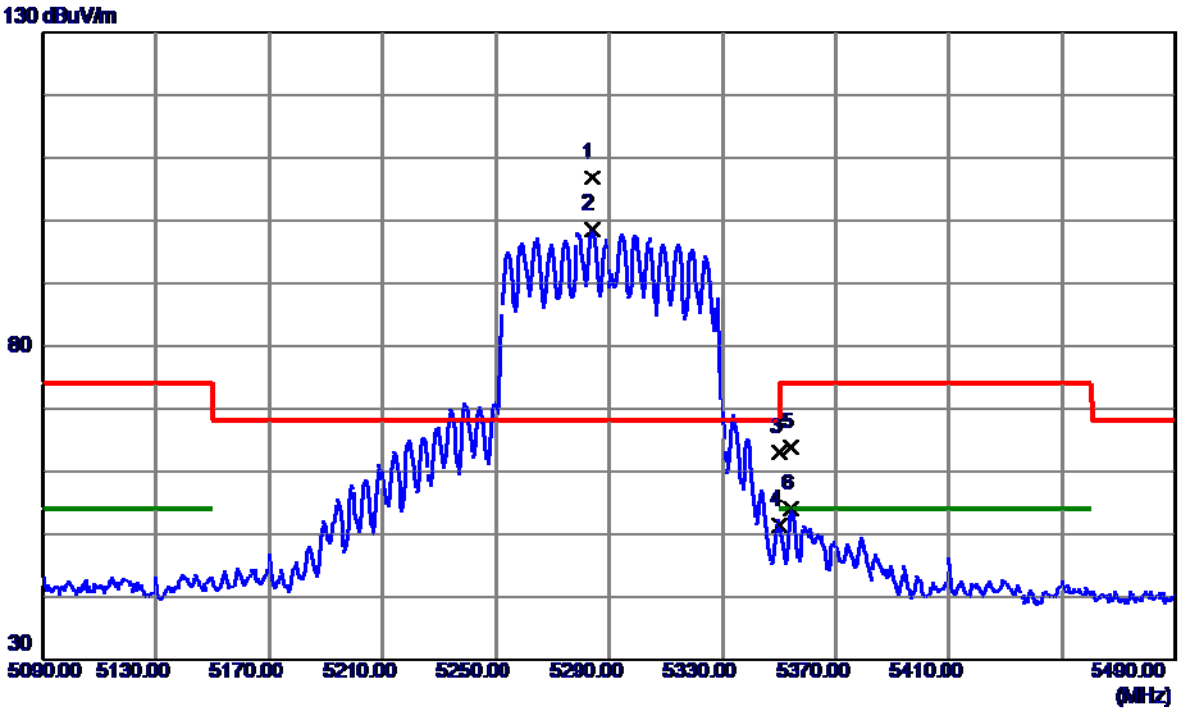
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10582.5000	40.06	6.26	46.32	68.20	-21.88	Peak	

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

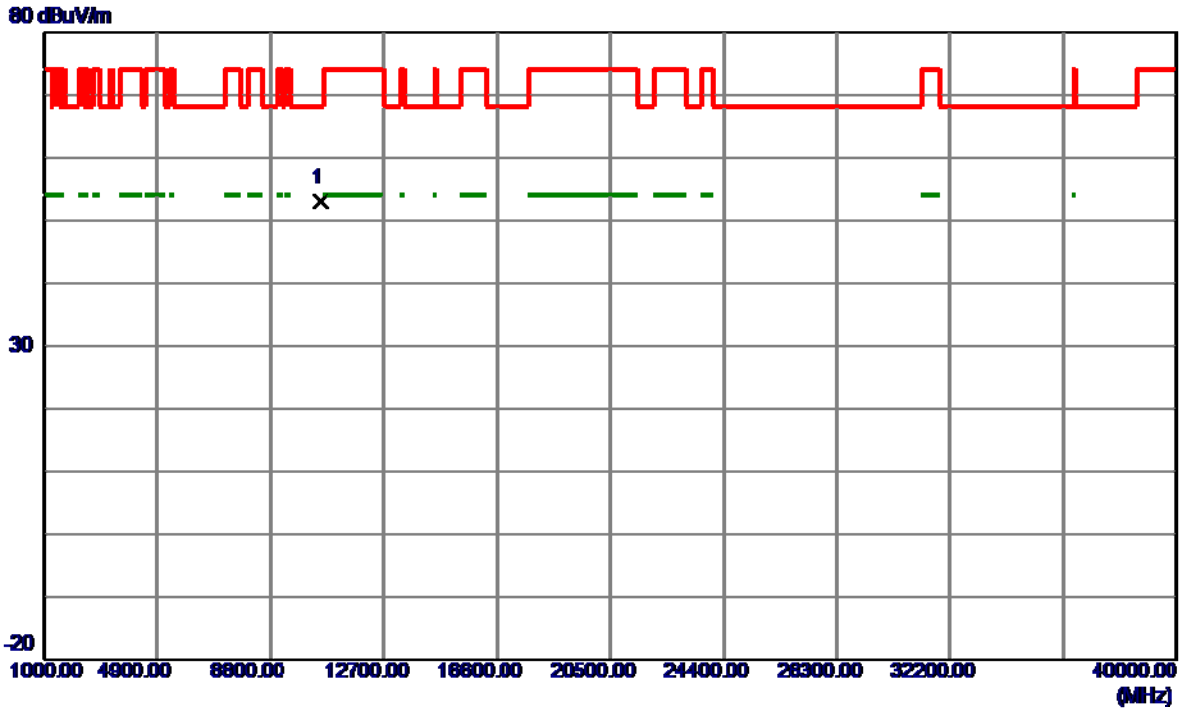
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5284.0000	94.45	12.33	106.78	68.20	38.58	Peak	No Limit
2	5284.0000	86.25	12.33	98.58	999.00	-900.42	AVG	No Limit
3	5350.0000	50.69	12.33	63.02	74.00	10.98	Peak	
4	5350.0000	39.01	12.33	51.34	54.00	-2.66	AVG	
5	5354.0000	51.47	12.33	63.80	74.00	-10.20	Peak	
6	5354.0000	41.66	12.33	53.99	54.00	-0.01	AVG	

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

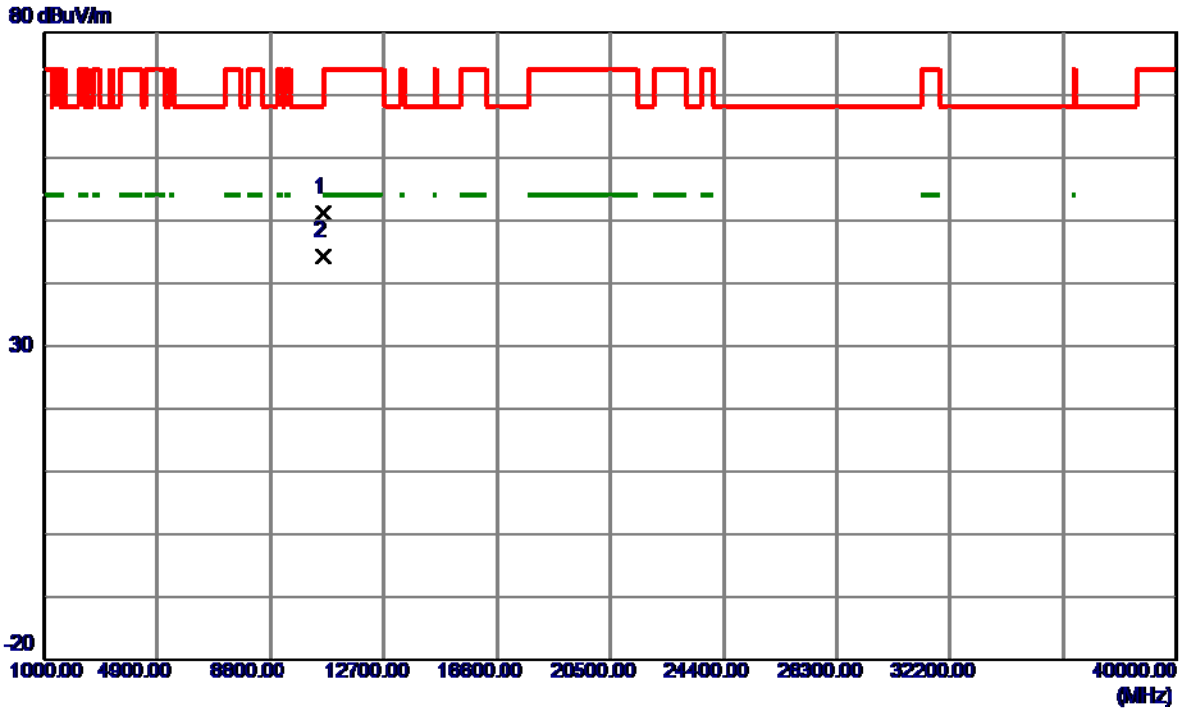
Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10518.5000	46.61	6.29	52.90	68.20	-15.30	Peak	

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

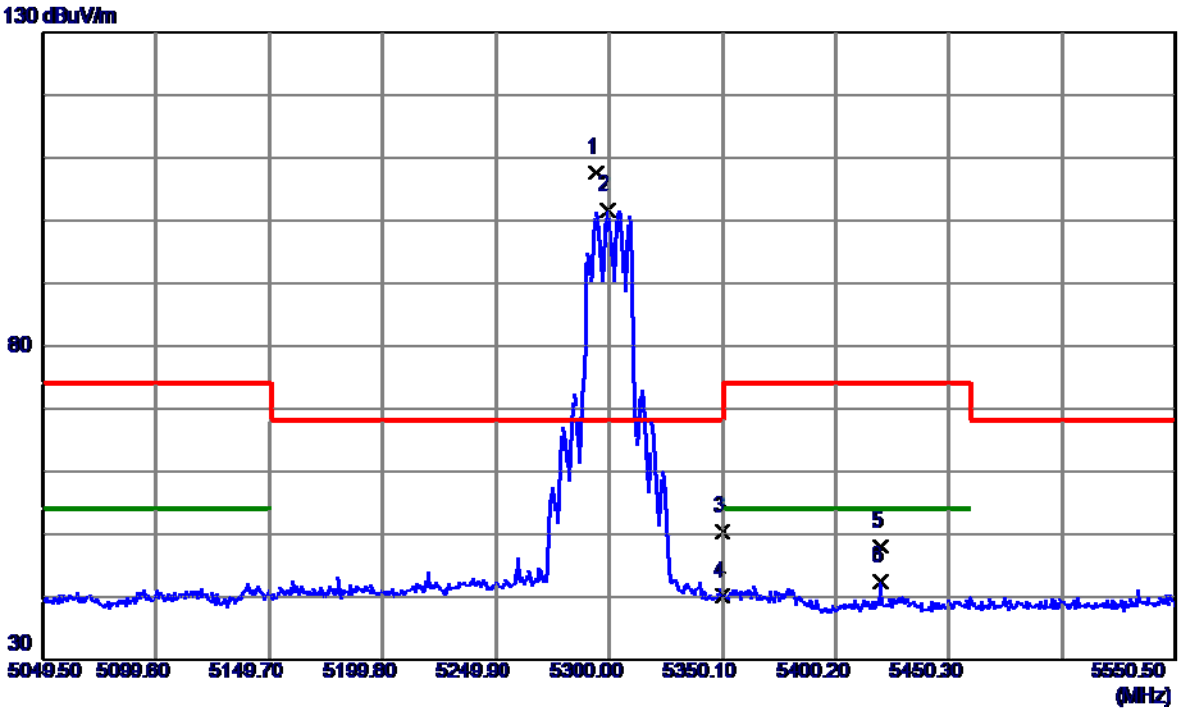
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10603.0000	44.94	6.25	51.19	74.00	-22.81	Peak	
2 *	10603.0000	38.05	6.25	44.30	54.00	-9.70	AVG	

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

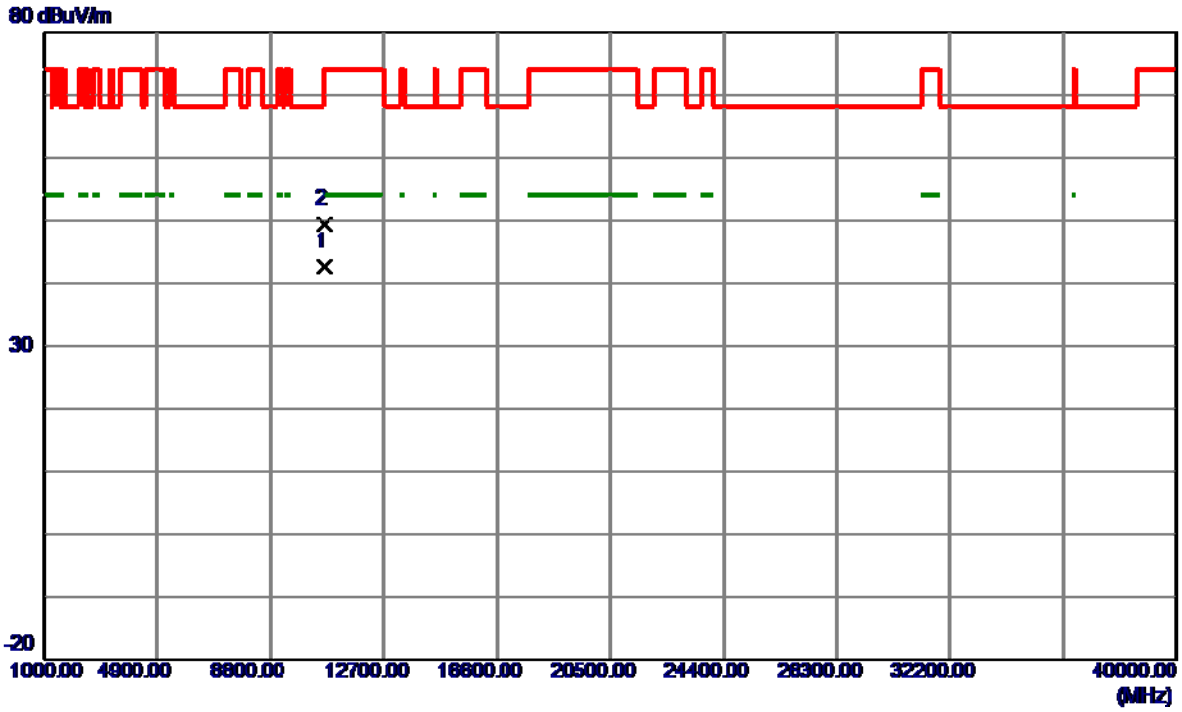
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5294.2390	95.22	12.33	107.55	68.20	39.35	Peak	No Limit
2	5299.4990	89.30	12.33	101.63	999.00	-897.37	AVG	No Limit
3	5350.0000	38.07	12.33	50.40	74.00	23.60	Peak	
4	5350.0000	27.77	12.33	40.10	54.00	-13.90	AVG	
5	5419.9890	35.72	12.33	48.05	74.00	-25.95	Peak	
6	5419.9890	30.02	12.33	42.35	54.00	-11.65	AVG	

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

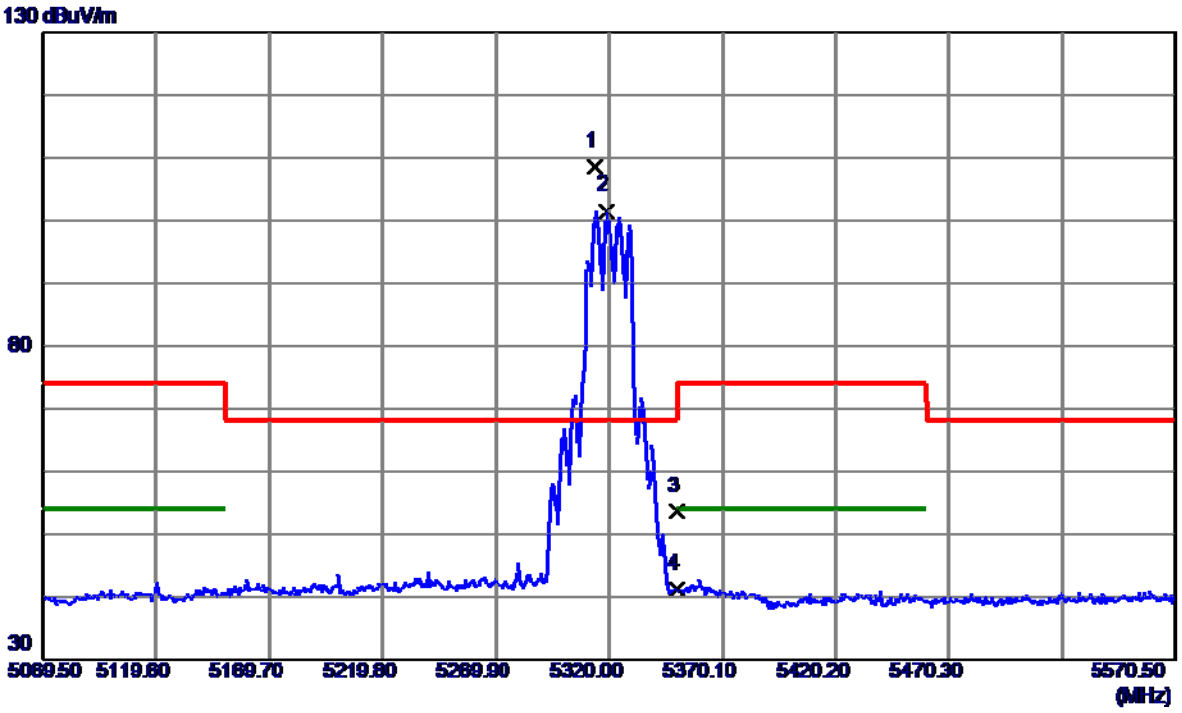
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10643.0000	36.43	6.23	42.66	54.00	-11.34	AVG	
2	10648.5000	43.12	6.23	49.35	74.00	-24.65	Peak	

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

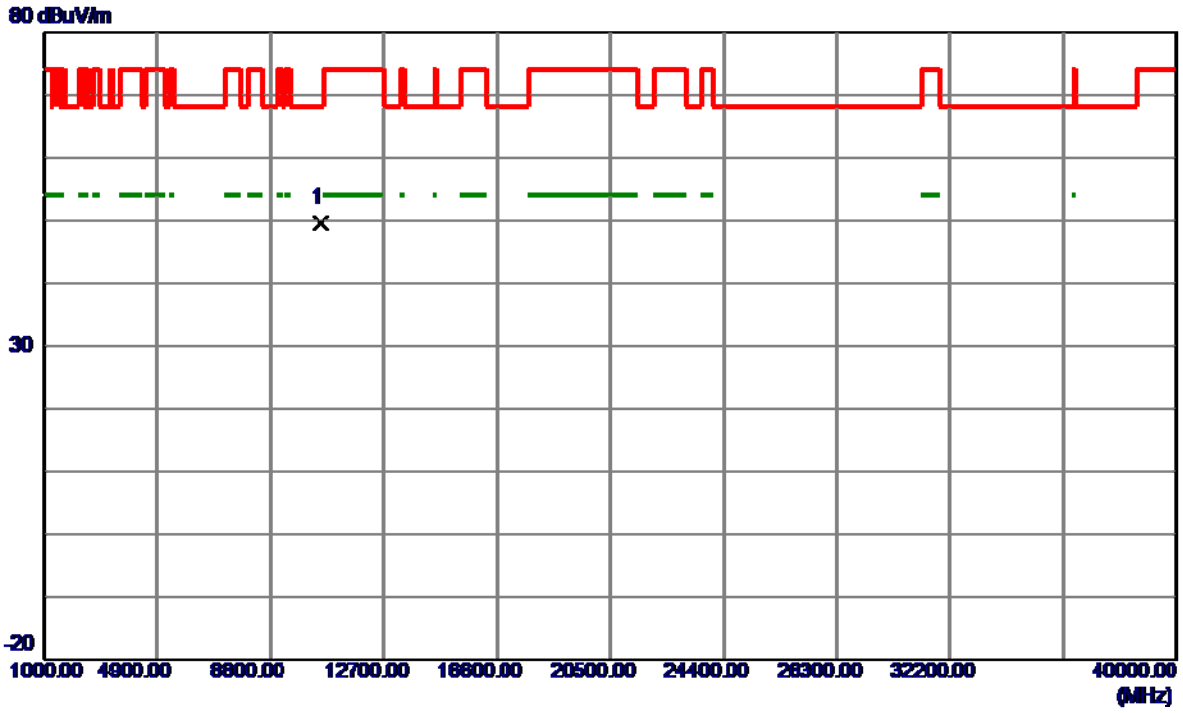
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5313.9880	96.33	12.33	108.66	68.20	40.46	Peak	No Limit
2	5318.9980	89.17	12.33	101.50	999.00	-897.50	AVG	No Limit
3	5350.0000	41.32	12.33	53.65	74.00	20.35	Peak	
4	5350.0000	28.84	12.33	41.17	54.00	-12.83	AVG	

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

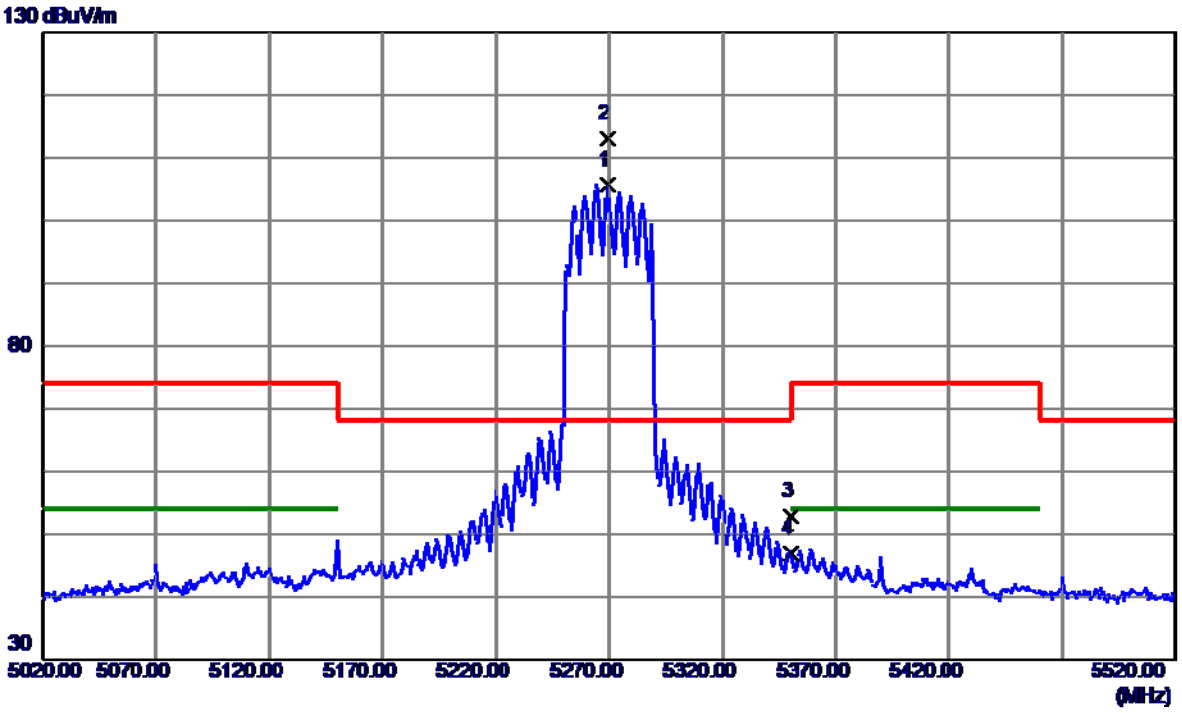
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10541.2500	43.30	6.28	49.58	68.20	-18.62	Peak	

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

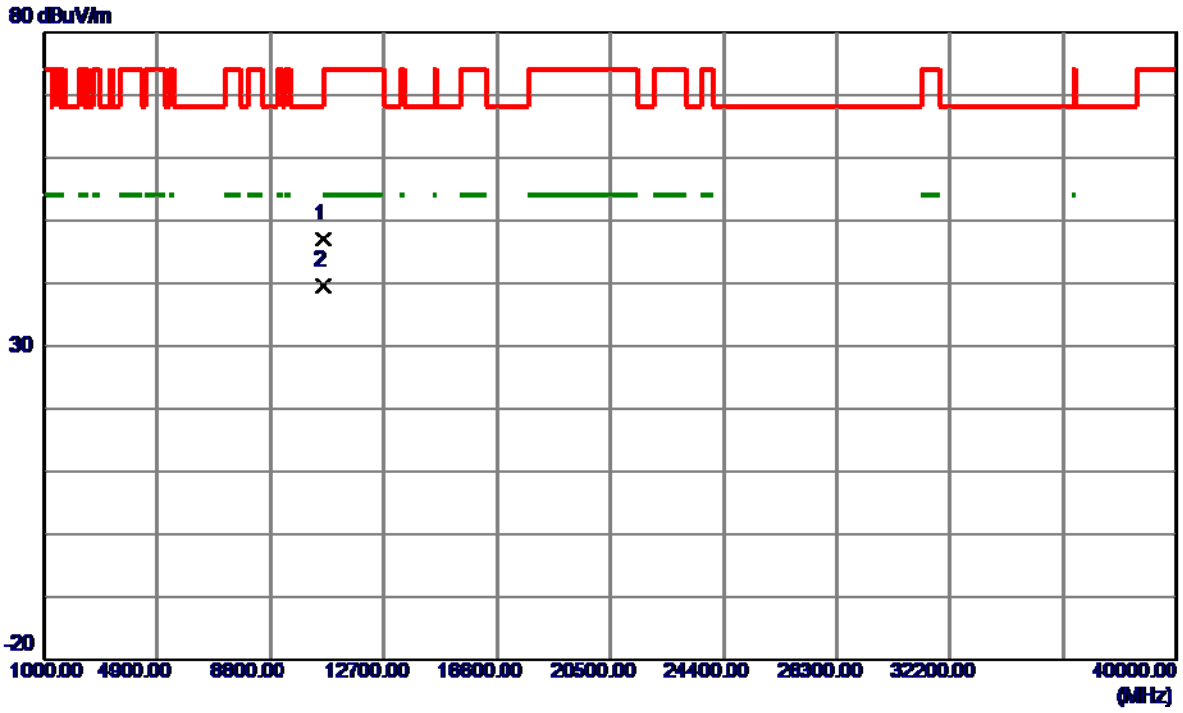
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5269.2500	93.23	12.33	105.56	999.00	-893.44	AVG	No Limit
2 *	5269.5000	100.73	12.33	113.06	68.20	44.86	Peak	No Limit
3	5350.0000	40.40	12.33	52.73	74.00	21.27	Peak	
4	5350.0000	34.39	12.33	46.72	54.00	-7.28	AVG	

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

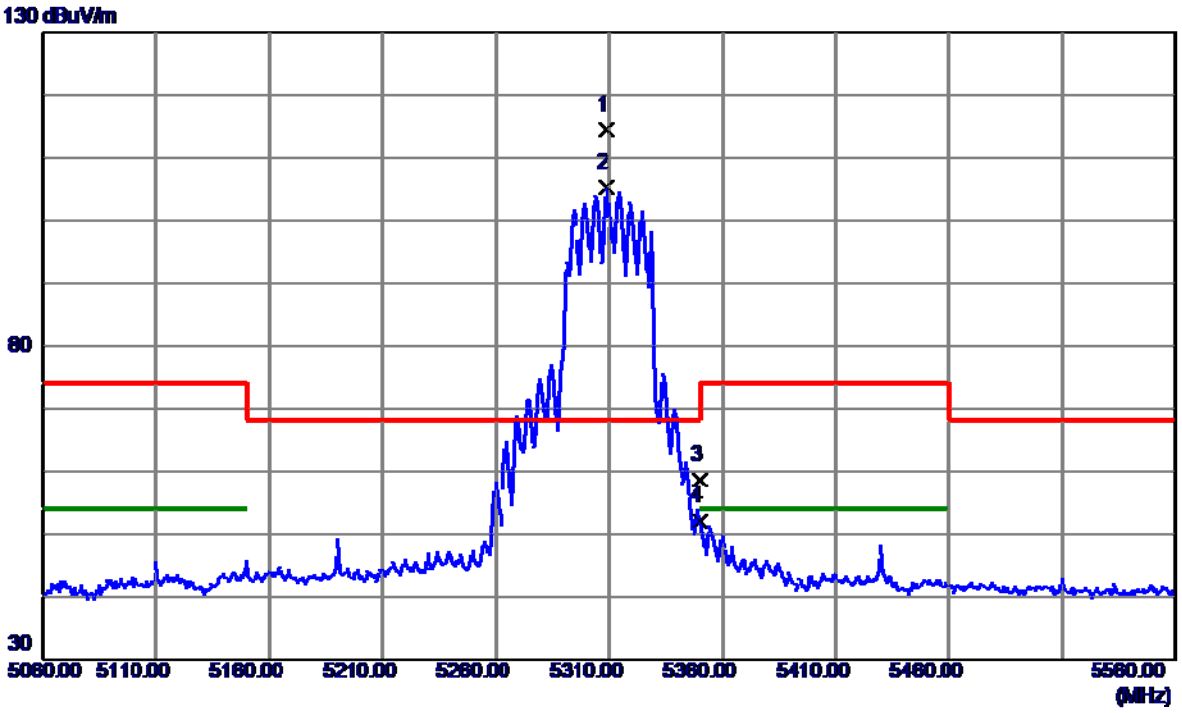
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10602.7500	40.70	6.25	46.95	74.00	-27.05	Peak	
2 *	10613.0000	33.35	6.25	39.60	54.00	-14.40	AVG	

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

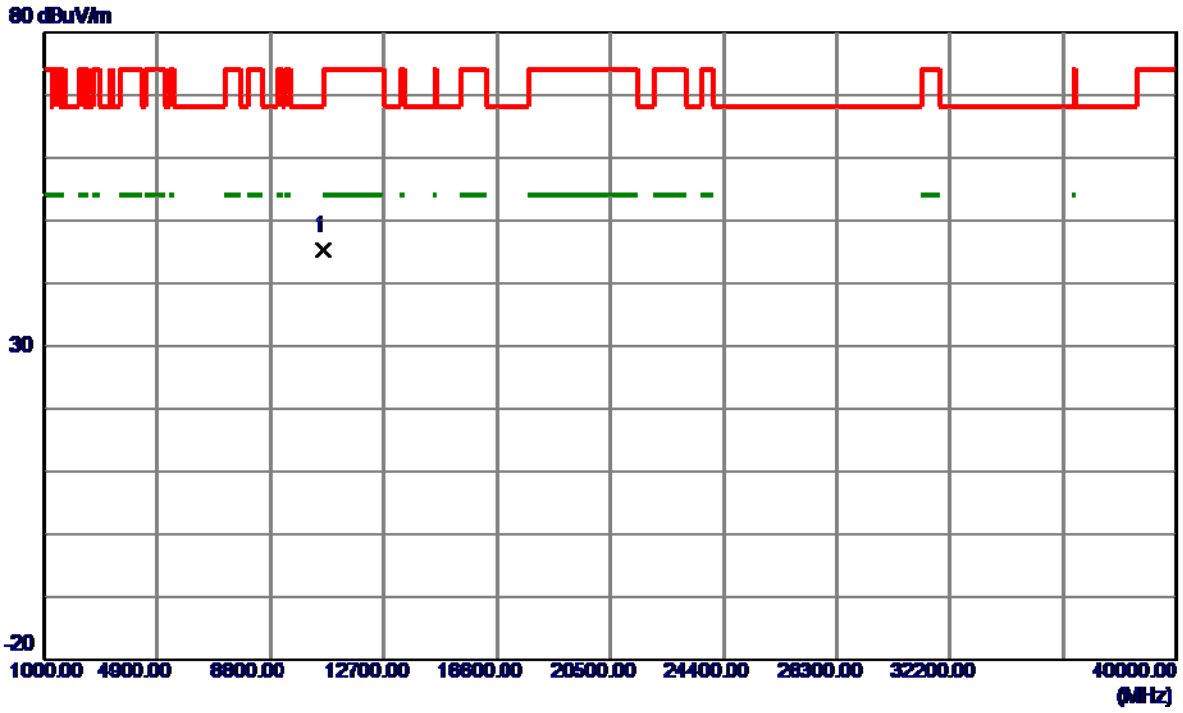
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5309.0000	102.10	12.33	114.43	68.20	46.23	Peak	No Limit
2	5309.0000	92.87	12.33	105.20	999.00	-893.80	AVG	No Limit
3	5350.0000	46.34	12.33	58.67	74.00	15.33	Peak	
4	5350.0000	39.63	12.33	51.96	54.00	-2.04	AVG	

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

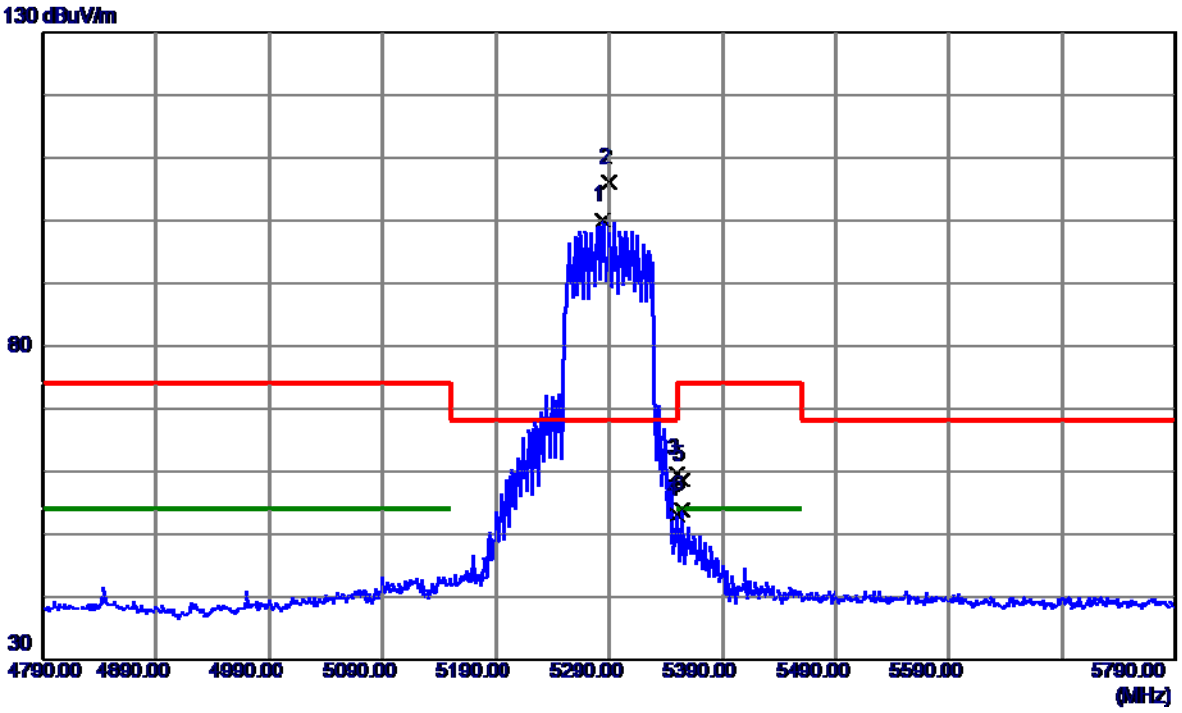
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10602.2750	38.95	6.25	45.20	74.00	-28.80	Peak	

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

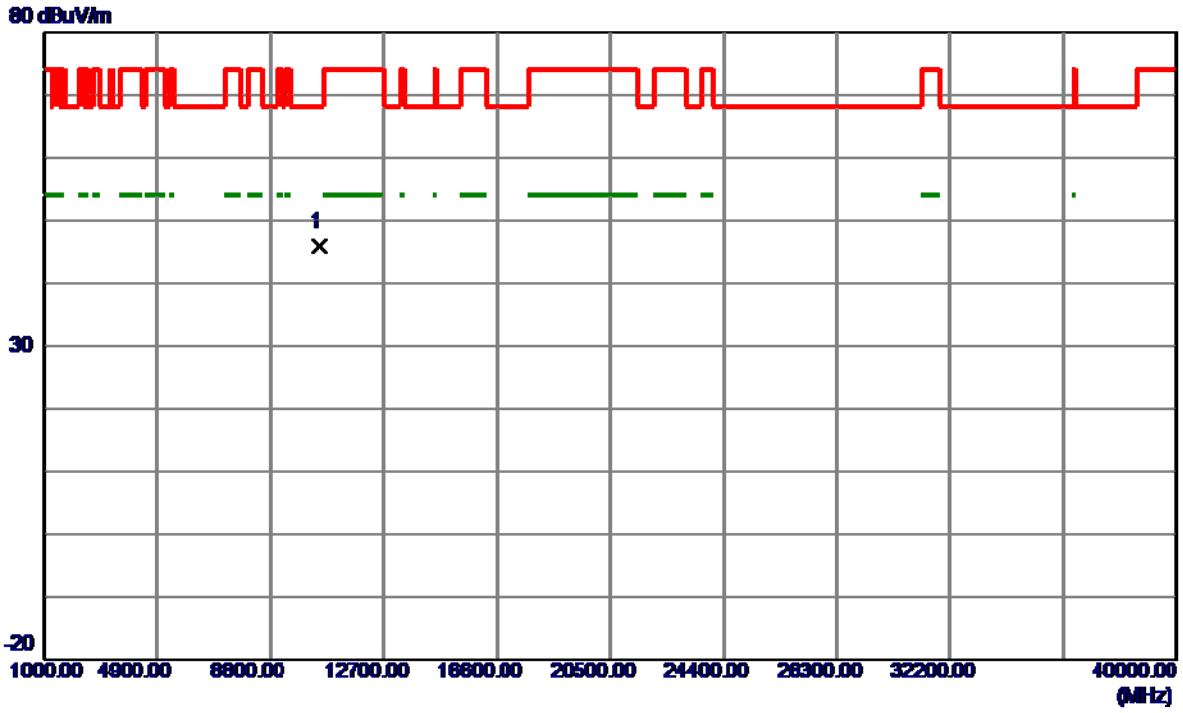
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5284.5000	87.61	12.33	99.94	999.00	-899.06	AVG	No Limit
2 *	5289.5000	93.57	12.33	105.90	68.20	37.70	Peak	No Limit
3	5350.0000	47.20	12.33	59.53	74.00	14.47	Peak	
4	5350.0000	40.65	12.33	52.98	54.00	-1.02	AVG	
5	5354.5000	46.30	12.33	58.63	74.00	-15.37	Peak	
6	5354.5000	41.45	12.33	53.78	54.00	-0.22	AVG	

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

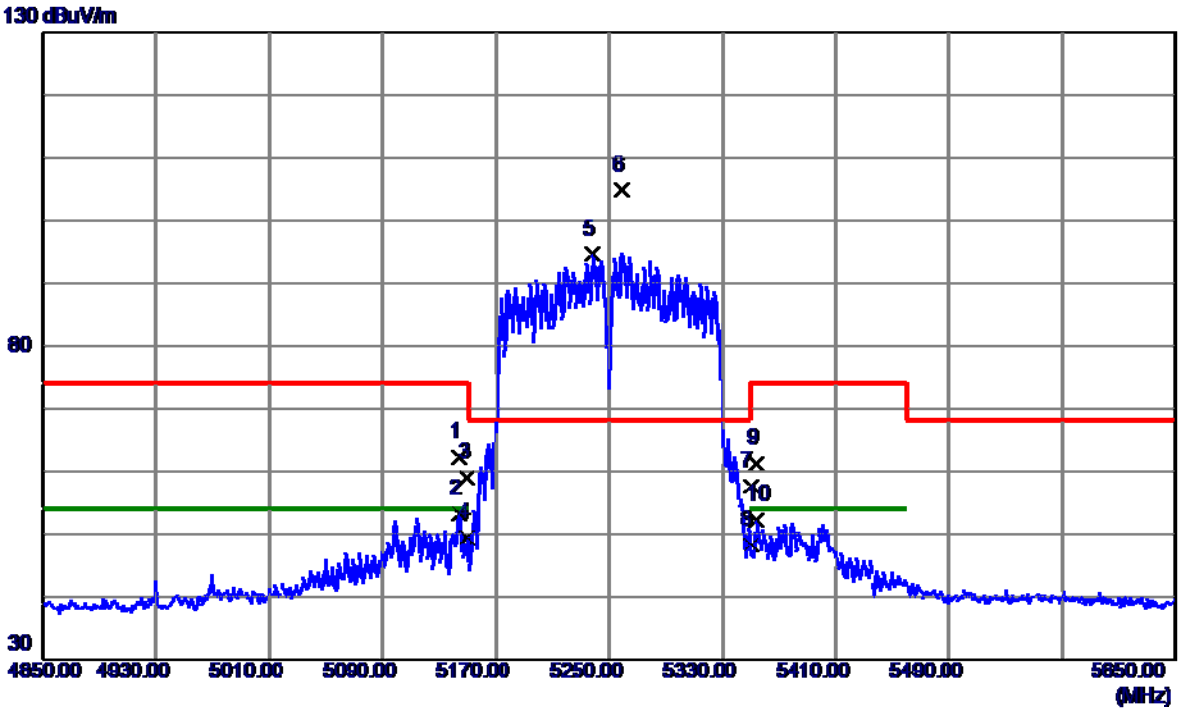
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10507.3000	39.57	6.30	45.87	68.20	-22.33	Peak	

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

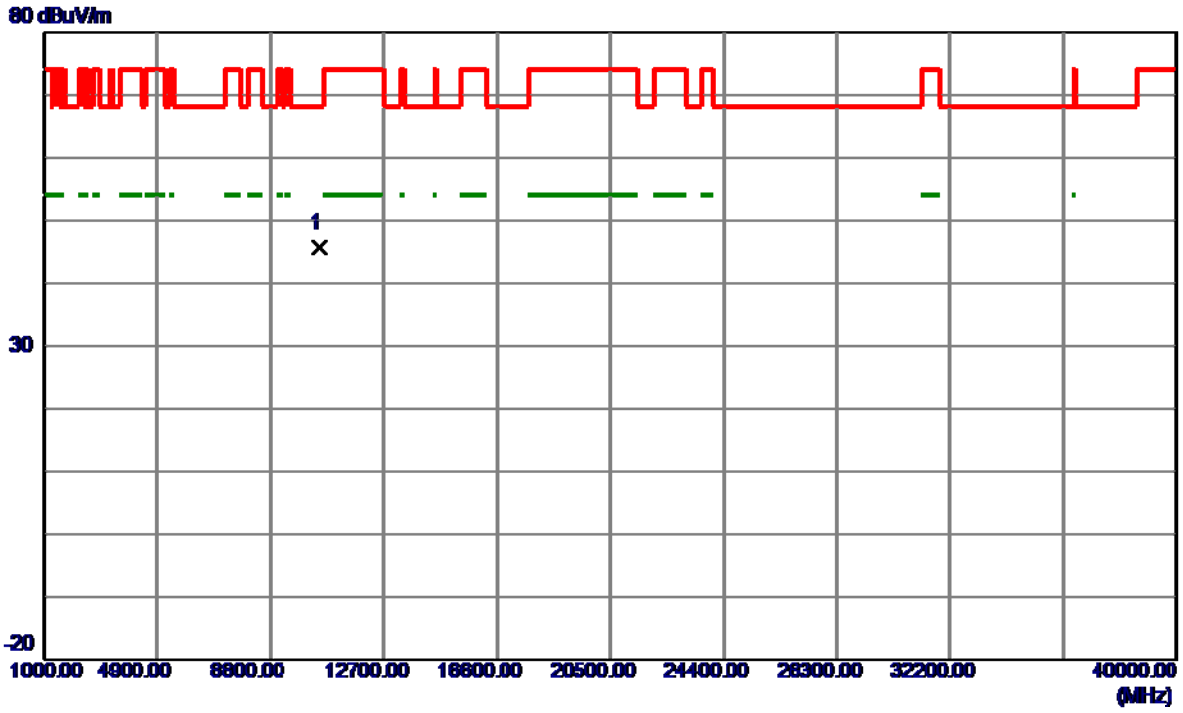
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5144.0000	49.79	12.32	62.11	74.00	-11.89	Peak	
2	5144.0000	40.89	12.32	53.21	54.00	-0.79	AVG	
3	5150.0000	46.68	12.32	59.00	74.00	15.00	Peak	
4	5150.0000	37.00	12.32	49.32	54.00	-4.68	AVG	
5	5238.8000	82.35	12.32	94.67	999.00	-904.33	AVG	No Limit
6 *	5259.2000	92.52	12.33	104.85	68.20	36.65	Peak	No Limit
7	5350.0000	45.36	12.33	57.69	74.00	-16.31	Peak	
8	5350.0000	35.83	12.33	48.16	54.00	-5.84	AVG	
9	5354.0000	48.86	12.33	61.19	74.00	-12.81	Peak	
10	5354.0000	39.93	12.33	52.26	54.00	-1.74	AVG	

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

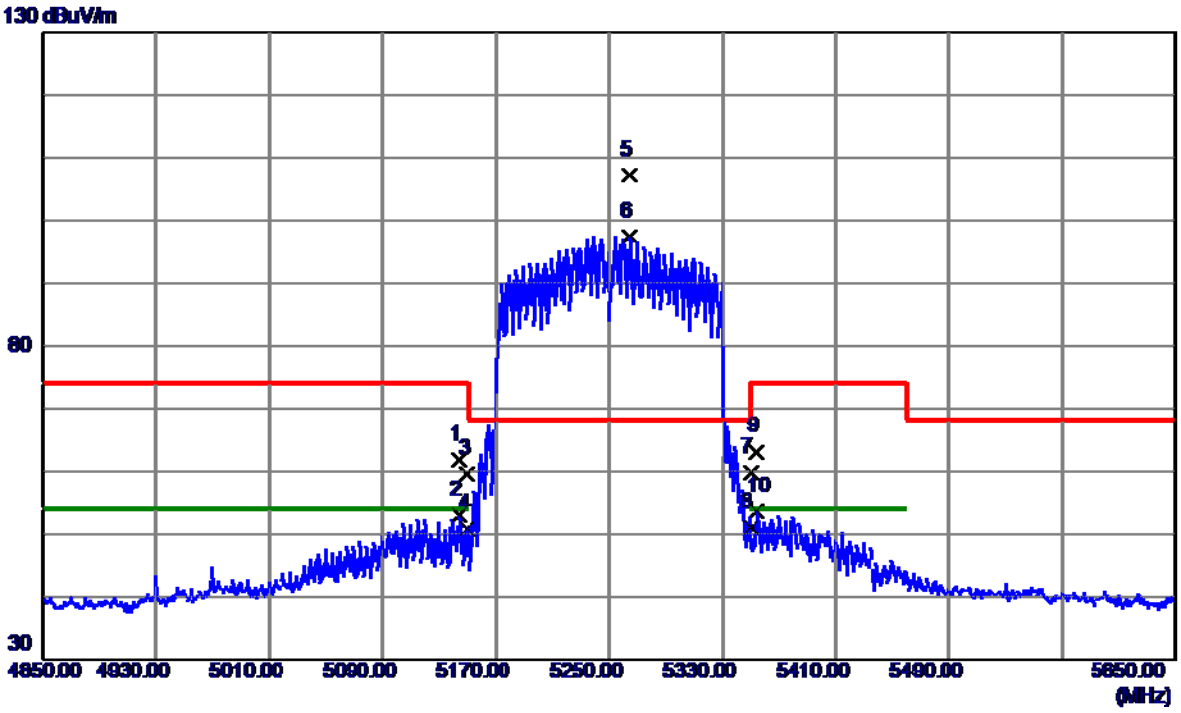
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10484.5000	39.26	6.33	45.59	68.20	-22.61	Peak	

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

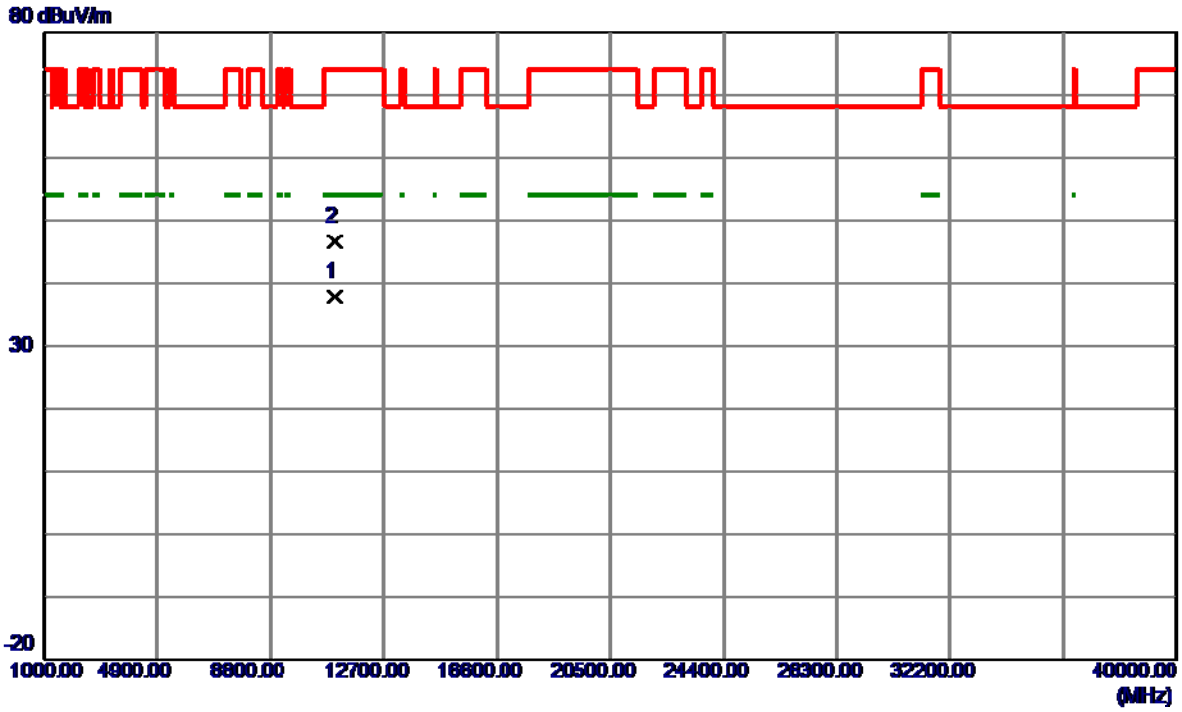
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5144.4000	49.45	12.32	61.77	74.00	-12.23	Peak	
2	5144.4000	40.59	12.32	52.91	54.00	-1.09	AVG	
3	5150.0000	47.22	12.32	59.54	74.00	14.46	Peak	
4	5150.0000	38.47	12.32	50.79	54.00	-3.21	AVG	
5 *	5264.4000	94.93	12.33	107.26	68.20	39.06	Peak	No Limit
6	5264.4000	85.09	12.33	97.42	999.00	-901.58	AVG	No Limit
7	5350.0000	47.38	12.33	59.71	74.00	-14.29	Peak	
8	5350.0000	38.60	12.33	50.93	54.00	-3.07	AVG	
9	5354.0000	50.77	12.33	63.10	74.00	-10.90	Peak	
10	5354.0000	41.28	12.33	53.61	54.00	-0.39	AVG	

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

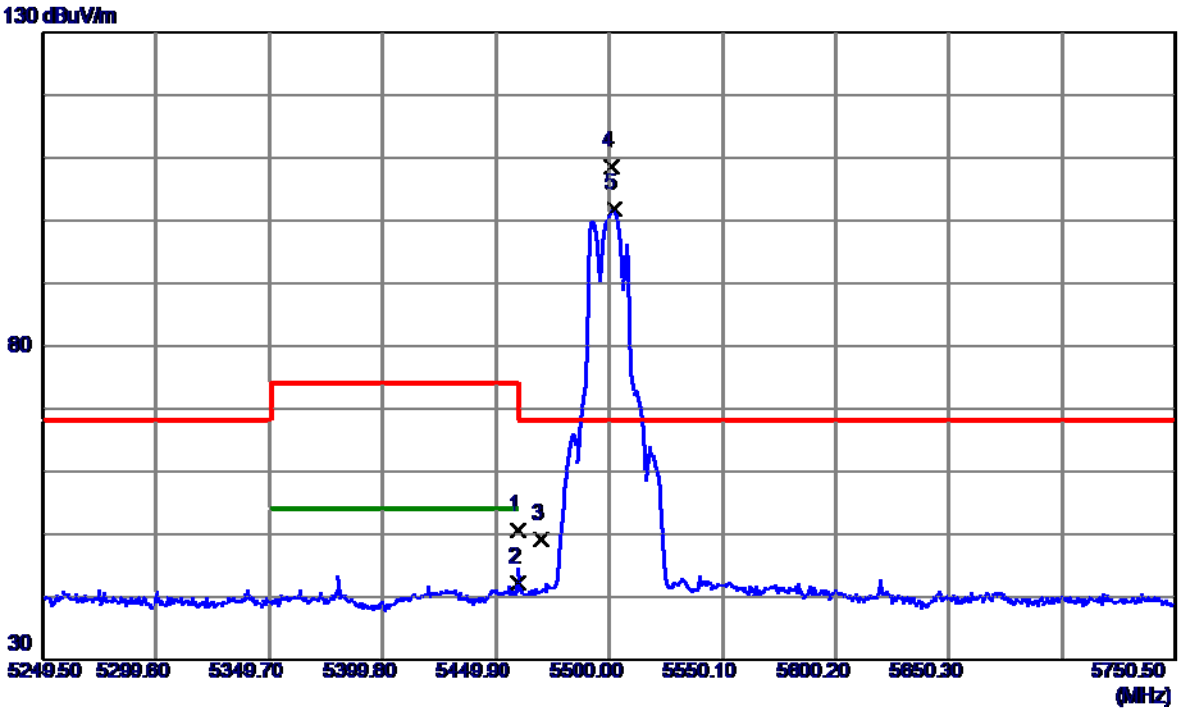
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11003.0000	31.72	6.07	37.79	54.00	-16.21	AVG	
2	11003.2000	40.57	6.07	46.64	74.00	-27.36	Peak	

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

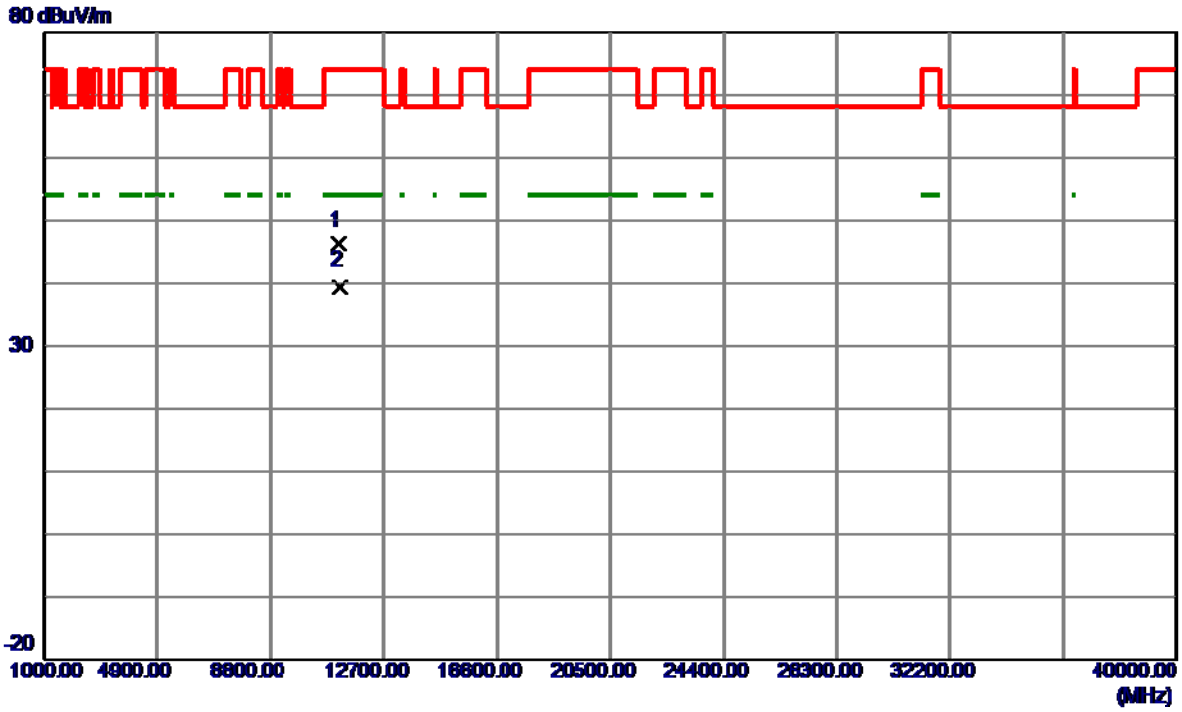
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	38.22	12.33	50.55	74.00	-23.45	Peak	
2	5460.0000	29.93	12.33	42.26	54.00	-11.74	AVG	
3	5470.0000	36.91	12.33	49.24	68.20	18.96	Peak	
4 *	5501.0019	96.29	12.33	108.62	68.20	40.42	Peak	No Limit
5	5502.2550	89.46	12.34	101.80	999.00	-897.20	AVG	No Limit

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

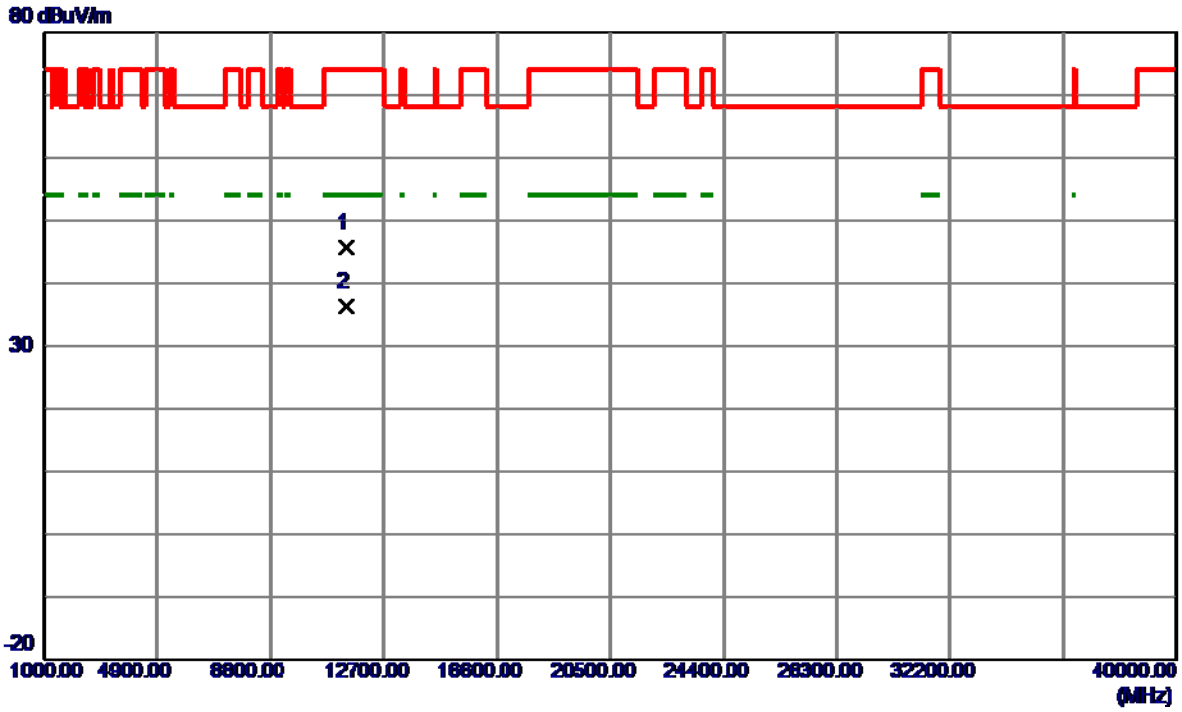
Test Mode	UNII-2C_TX A Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11152.5000	39.71	6.39	46.10	74.00	-27.90	Peak	
2 *	11162.0000	33.09	6.41	39.50	54.00	-14.50	AVG	

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

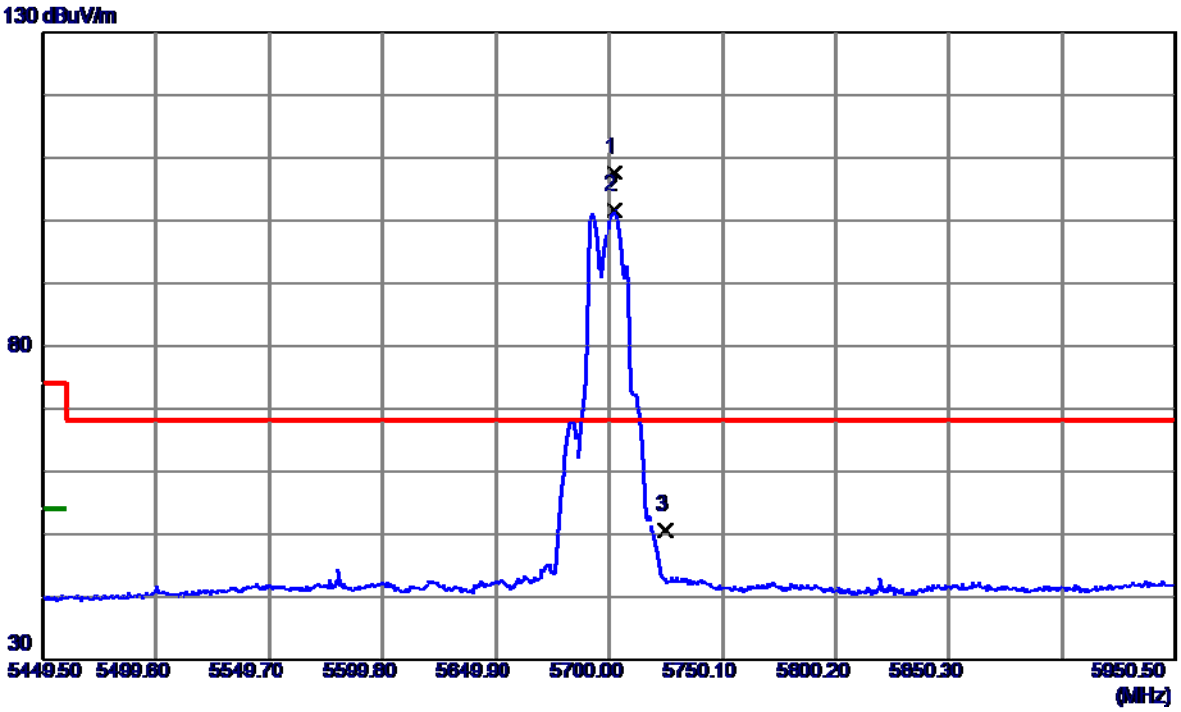
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11401.5000	38.72	6.92	45.64	74.00	-28.36	Peak	
2 *	11402.5000	29.36	6.93	36.29	54.00	-17.71	AVG	

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

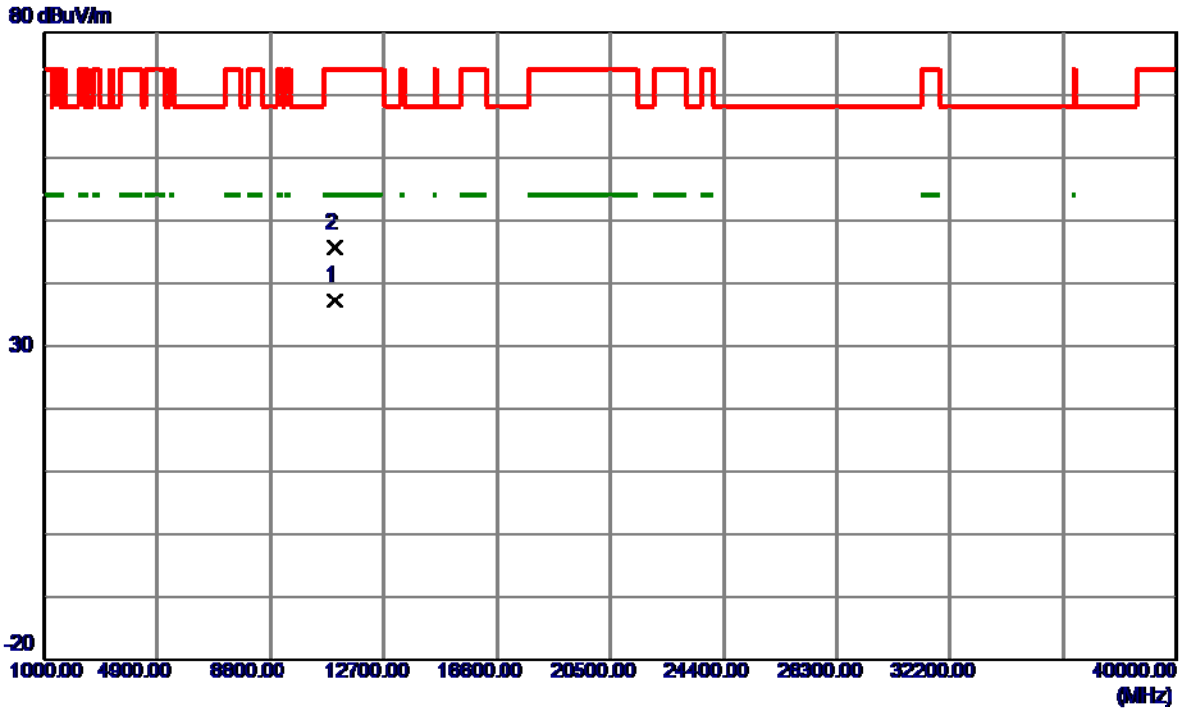
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5702.2550	94.56	12.97	107.53	68.20	39.33	Peak	No Limit
2	5702.2550	88.56	12.97	101.53	999.00	-897.47	AVG	No Limit
3	5725.0000	37.47	13.04	50.51	68.20	17.69	Peak	

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

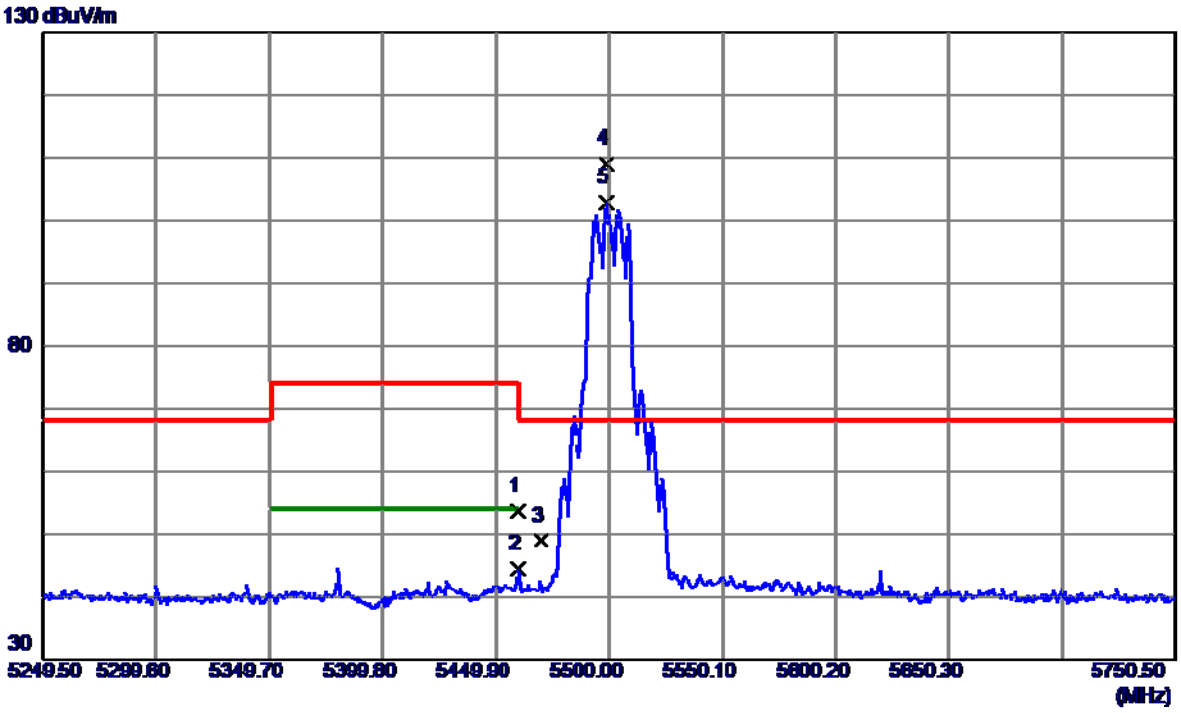
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10998.0000	31.16	6.06	37.22	54.00	-16.78	AVG	
2	11003.0000	39.48	6.07	45.55	74.00	-28.45	Peak	

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

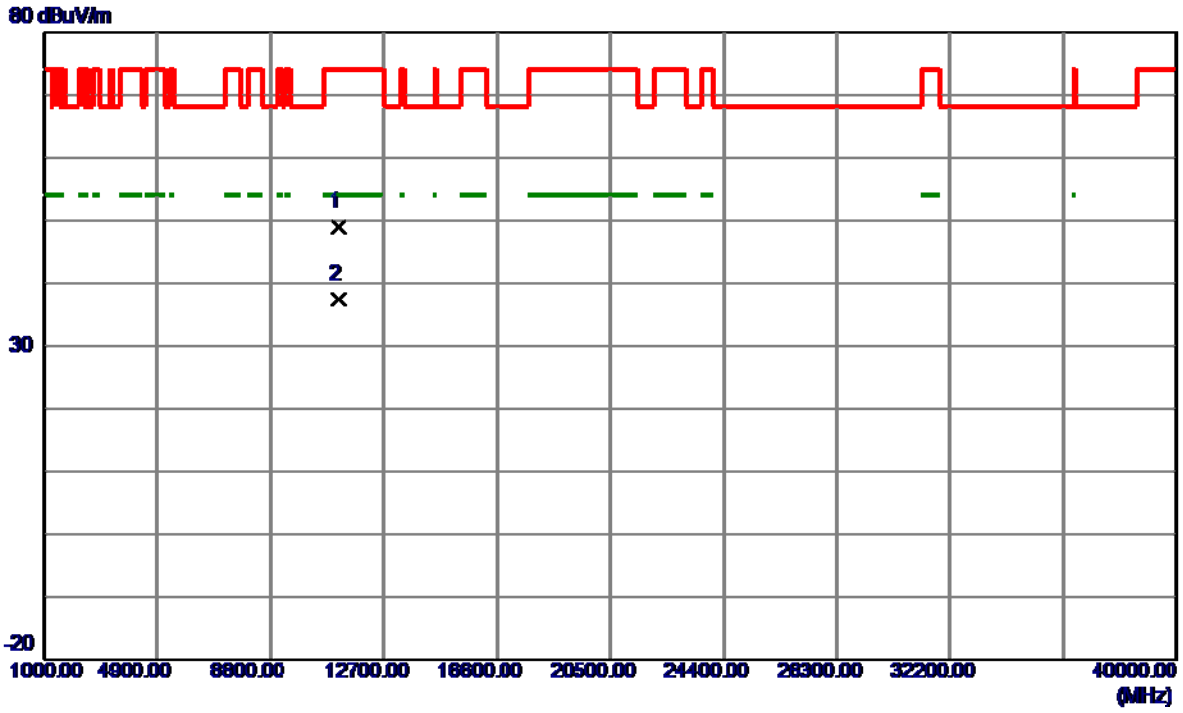
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	41.29	12.33	53.62	74.00	-20.38	Peak	
2	5460.0000	32.09	12.33	44.42	54.00	-9.58	AVG	
3	5470.0000	36.57	12.33	48.90	68.20	19.30	Peak	
4 *	5498.9980	96.64	12.33	108.97	68.20	40.77	Peak	No Limit
5	5498.9980	90.41	12.33	102.74	999.00	-896.26	AVG	No Limit

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

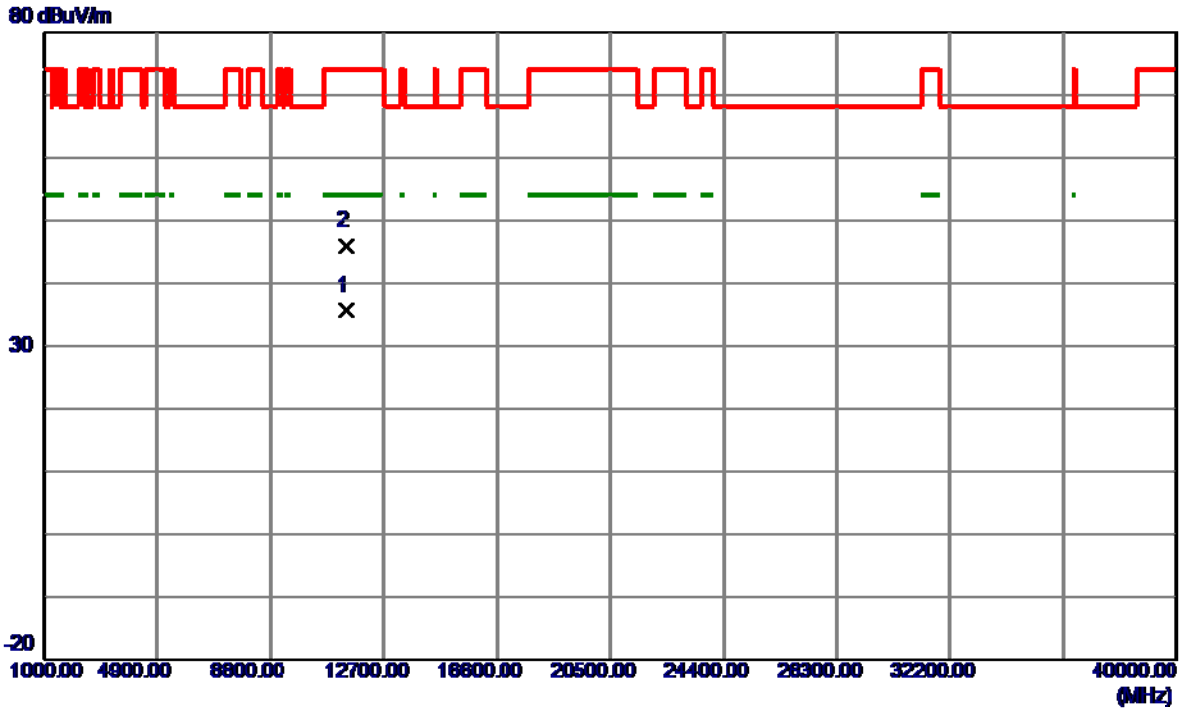
Test Mode	UNII-2C_TX AC(VHT20) Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11158.0000	42.64	6.40	49.04	74.00	-24.96	Peak	
2 *	11158.0000	30.95	6.40	37.35	54.00	-16.65	AVG	

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

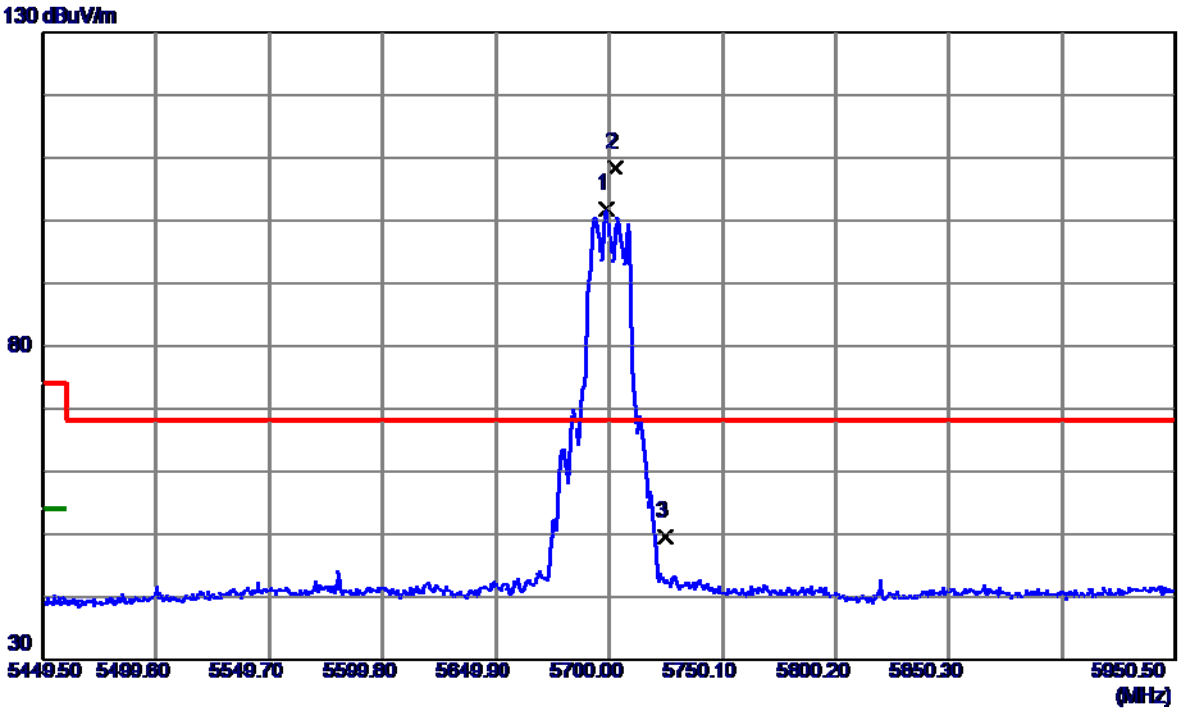
Test Mode	UNII-2C_TX AC(VHT20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11395.0000	28.64	6.91	35.55	54.00	-18.45	AVG	
2	11397.0000	38.99	6.91	45.90	74.00	-28.10	Peak	

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

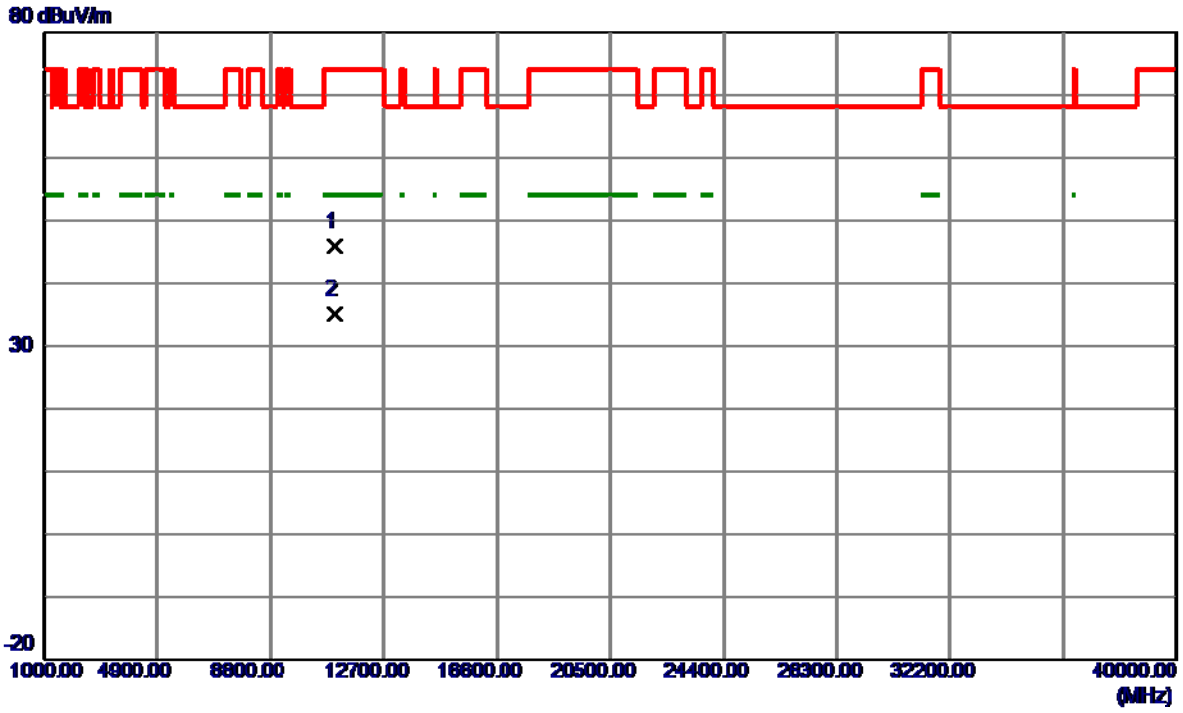
Test Mode	UNII-2C_TX AC(VHT20) Mode 5700 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5698.7480	88.89	12.95	101.84	999.00	-897.16	AVG	No Limit
2 *	5703.0059	95.50	12.97	108.47	68.20	40.27	Peak	No Limit
3	5725.0000	36.58	13.04	49.62	68.20	18.58	Peak	

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

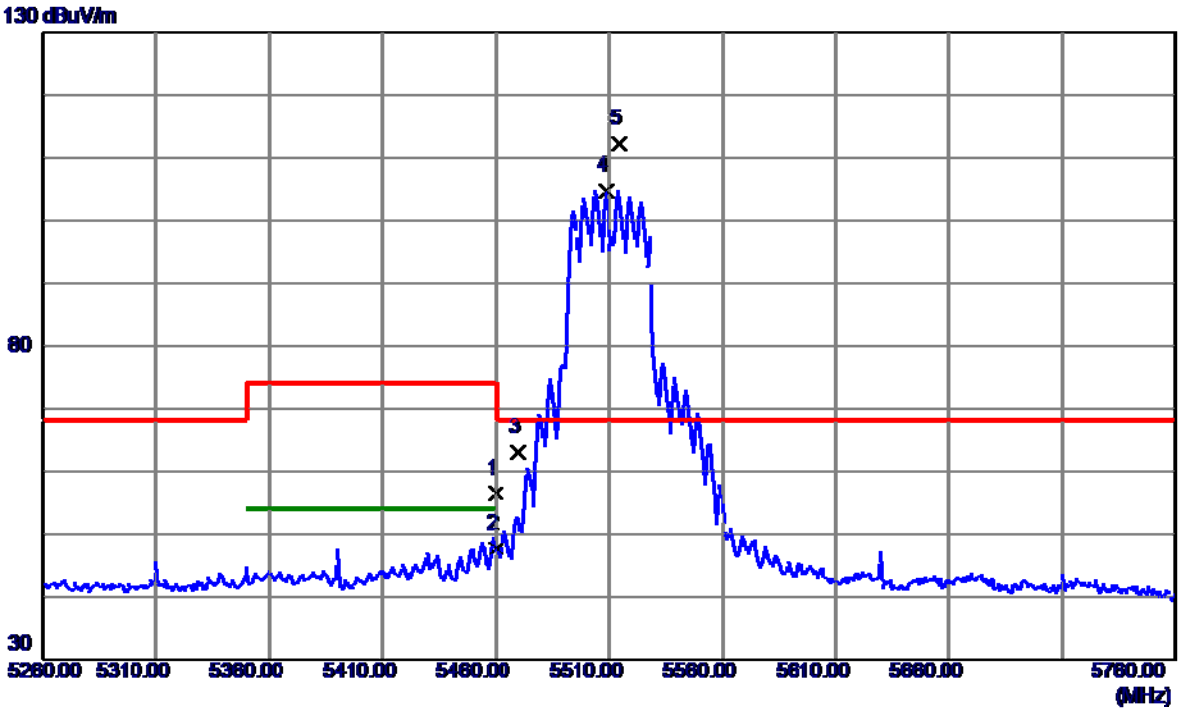
Test Mode	UNII-2C_TX AC(VHT40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11015.0000	39.71	6.09	45.80	74.00	-28.20	Peak	
2 *	11018.0000	28.97	6.10	35.07	54.00	-18.93	AVG	

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

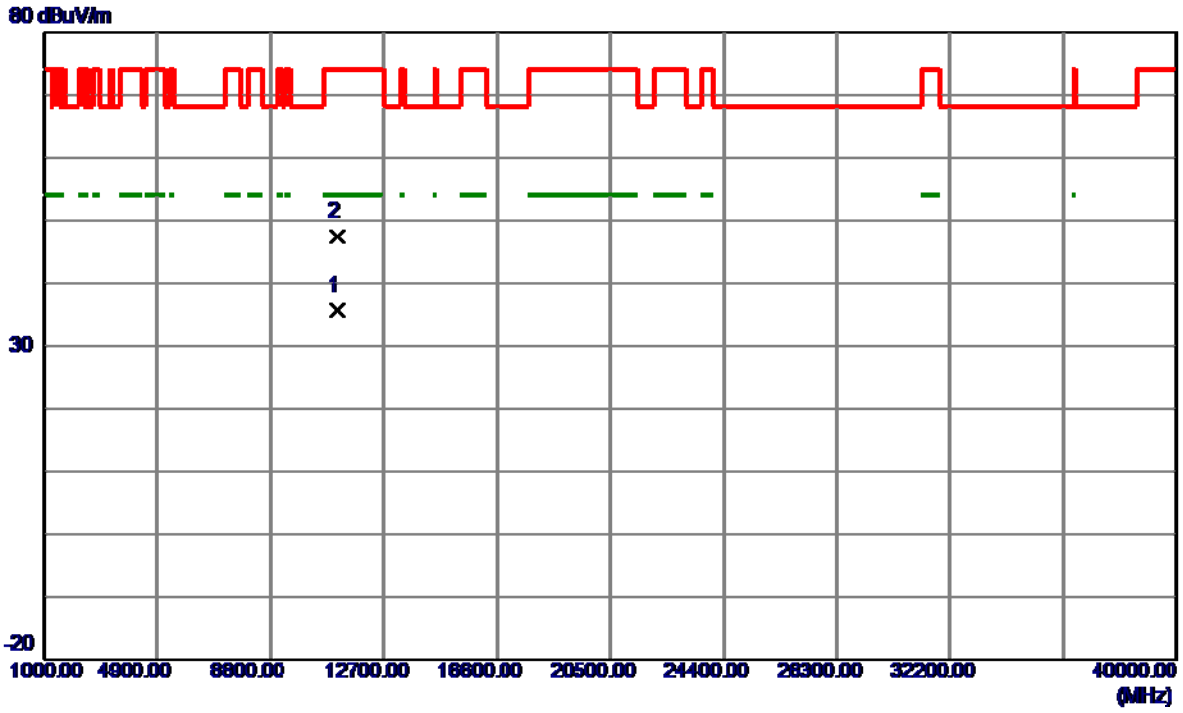
Test Mode	UNII-2C_TX AC(VHT40) Mode 5510 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	44.06	12.33	56.39	74.00	-17.61	Peak	
2	5460.0000	35.24	12.33	47.57	54.00	-6.43	AVG	
3	5470.0000	50.62	12.33	62.95	68.20	5.25	Peak	
4	5509.0000	92.34	12.36	104.70	999.00	-894.30	AVG	No Limit
5 *	5514.2500	99.74	12.37	112.11	68.20	43.91	Peak	No Limit

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

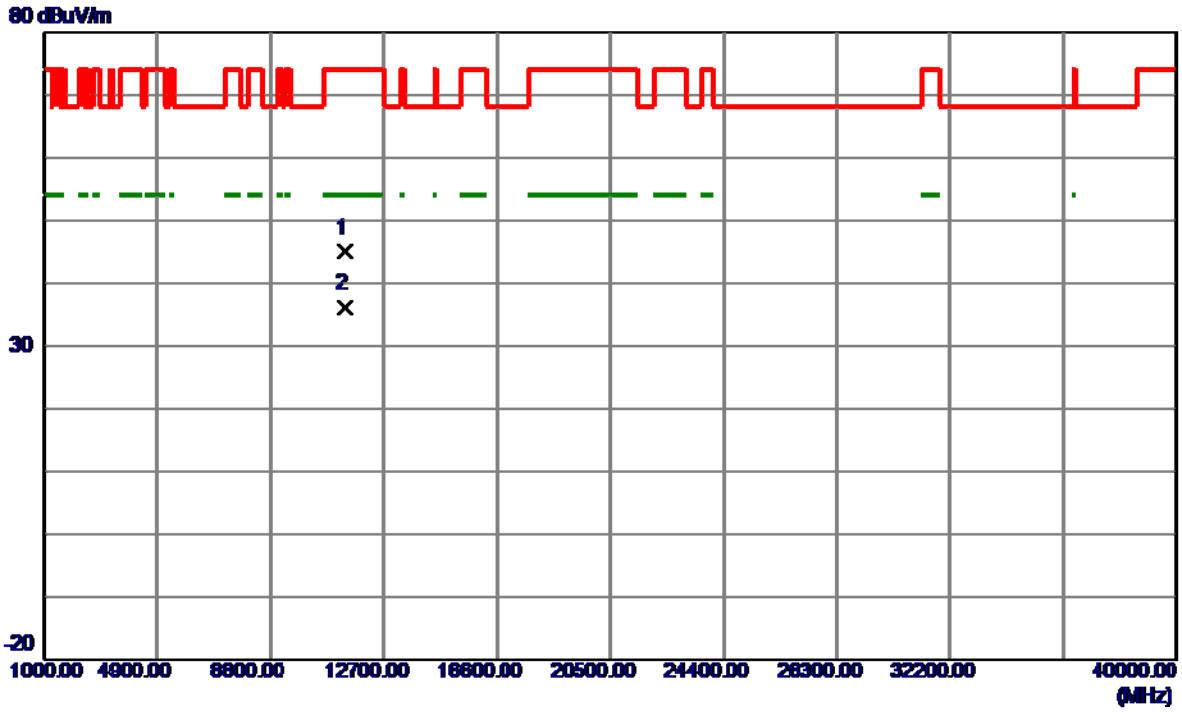
Test Mode	UNII-2C_TX AC(VHT40) Mode 5550 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11108.0000	29.39	6.29	35.68	54.00	-18.32	AVG	
2	11109.0000	41.15	6.29	47.44	74.00	-26.56	Peak	

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

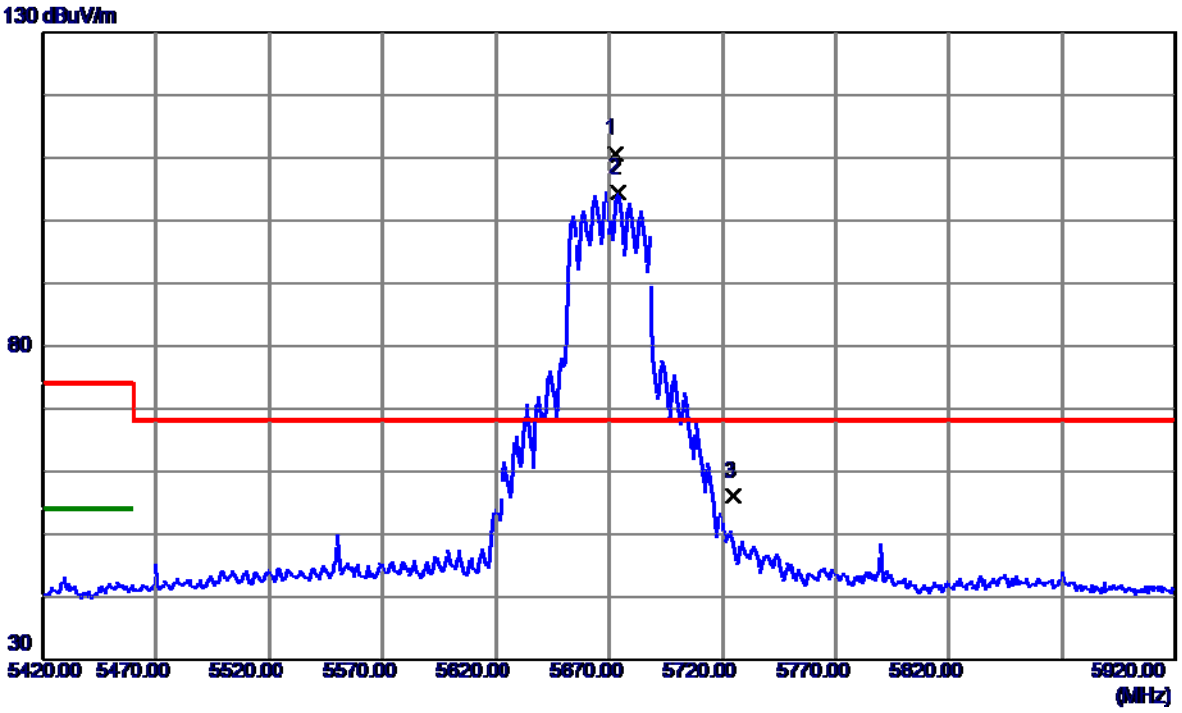
Test Mode	UNII-2C_TX AC(VHT40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11347.0000	38.09	6.81	44.90	74.00	-29.10	Peak	
2 *	11348.0000	29.27	6.81	36.08	54.00	-17.92	AVG	

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

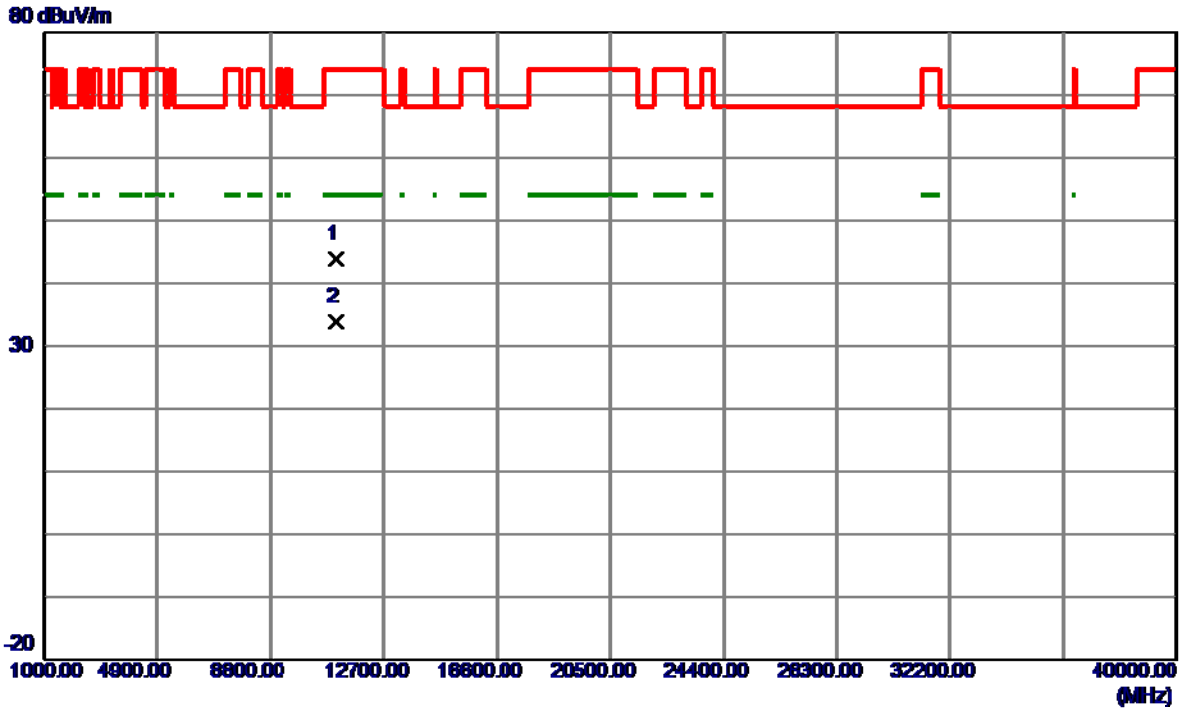
Test Mode	UNII-2C_TX AC(VHT40) Mode 5670 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5672.5000	97.72	12.87	110.59	68.20	42.39	Peak	No Limit
2	5673.7500	91.53	12.88	104.41	999.00	-894.59	AVG	No Limit
3	5725.0000	42.92	13.04	55.96	68.20	12.24	Peak	

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

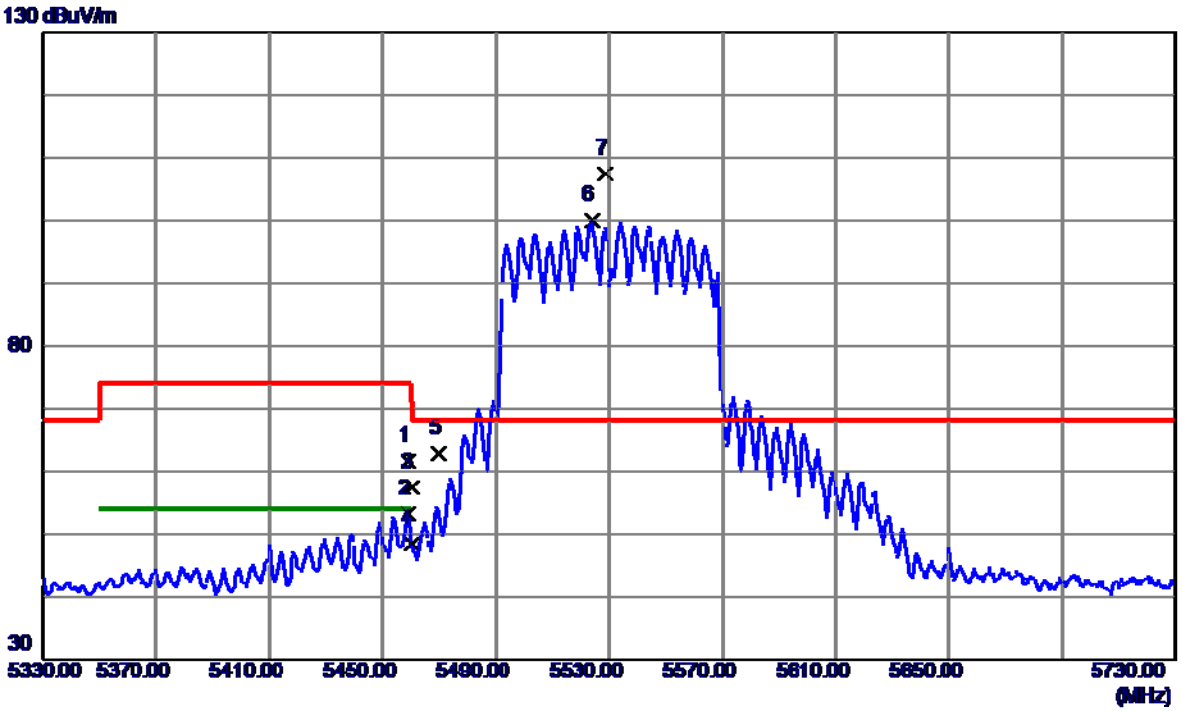
Test Mode	UNII-2C_TX AC(VHT80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11049.5750	37.57	6.17	43.74	74.00	-30.26	Peak	
2 *	11062.9250	27.54	6.20	33.74	54.00	-20.26	AVG	

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

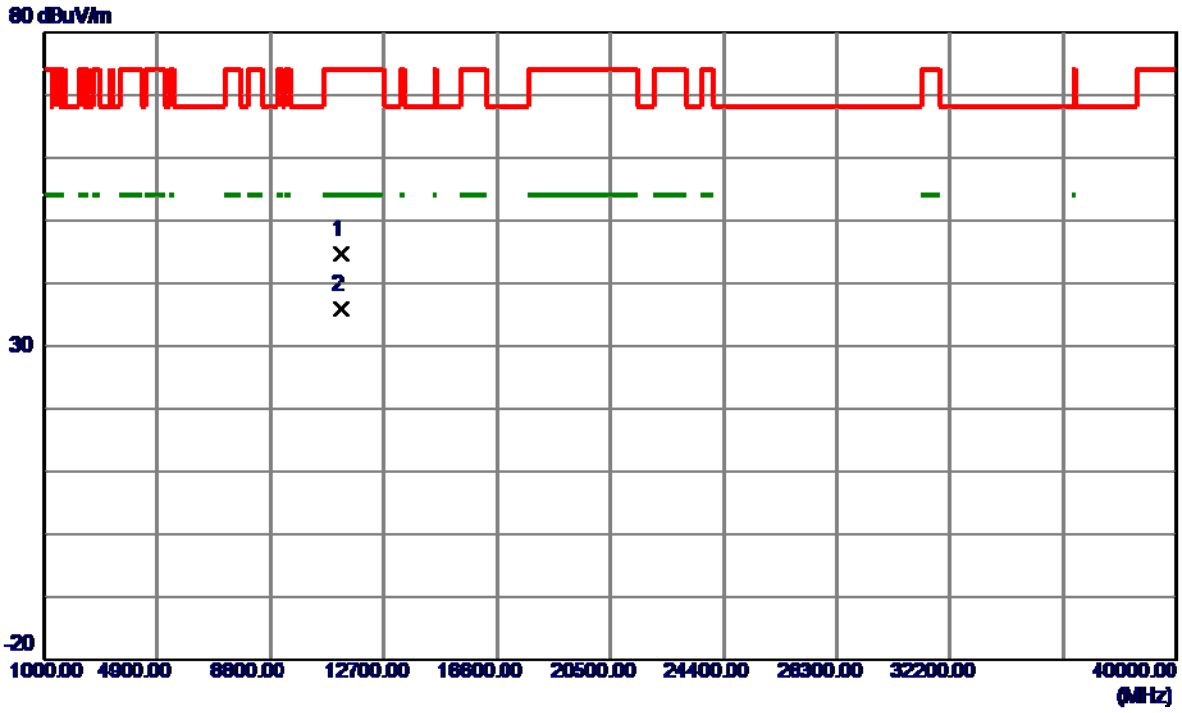
Test Mode	UNII-2C_TX AC(VHT80) Mode 5530 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5458.8000	49.35	12.33	61.68	74.00	-12.32	Peak	
2	5458.8000	40.83	12.33	53.16	54.00	-0.84	AVG	
3	5460.0000	45.12	12.33	57.45	74.00	16.55	Peak	
4	5460.0000	36.14	12.33	48.47	54.00	-5.53	AVG	
5	5470.0000	50.48	12.33	62.81	68.20	-5.39	Peak	
6	5524.0000	87.51	12.41	99.92	999.00	-899.08	AVG	No Limit
7 *	5528.6000	95.03	12.42	107.45	68.20	39.25	Peak	No Limit

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

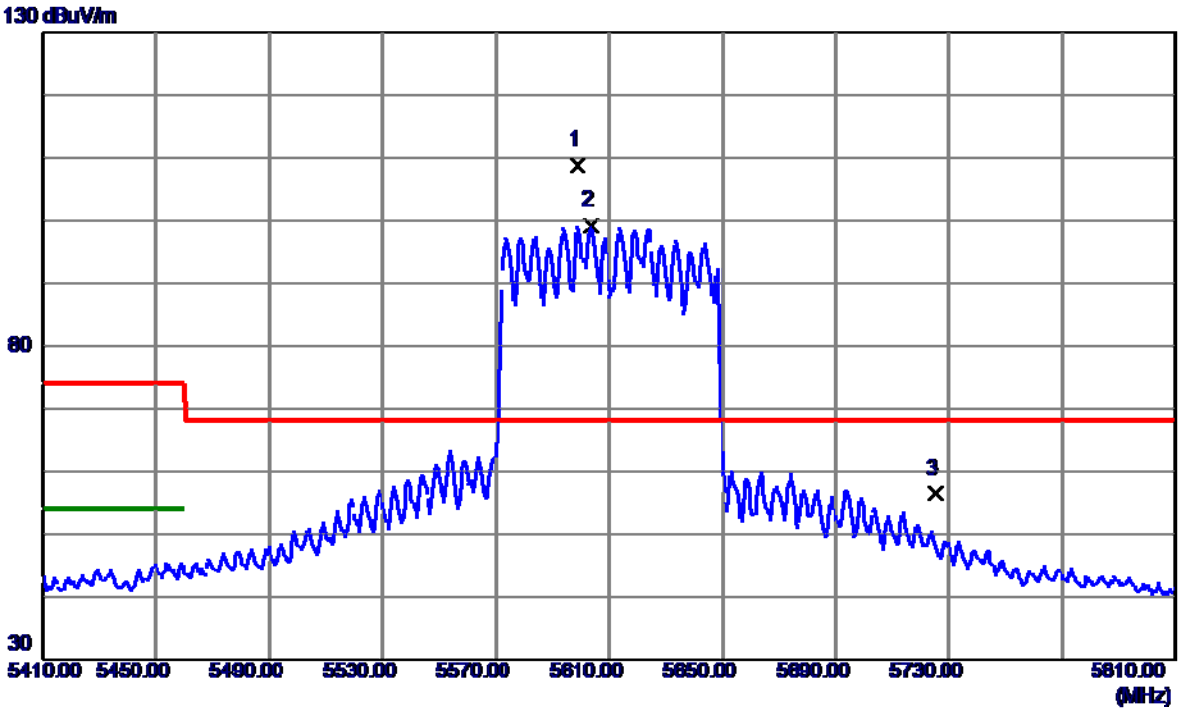
Test Mode	UNII-2C_TX AC(VHT80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11212.0000	38.10	6.52	44.62	74.00	-29.38	Peak	
2 *	11212.7500	29.29	6.52	35.81	54.00	-18.19	AVG	

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

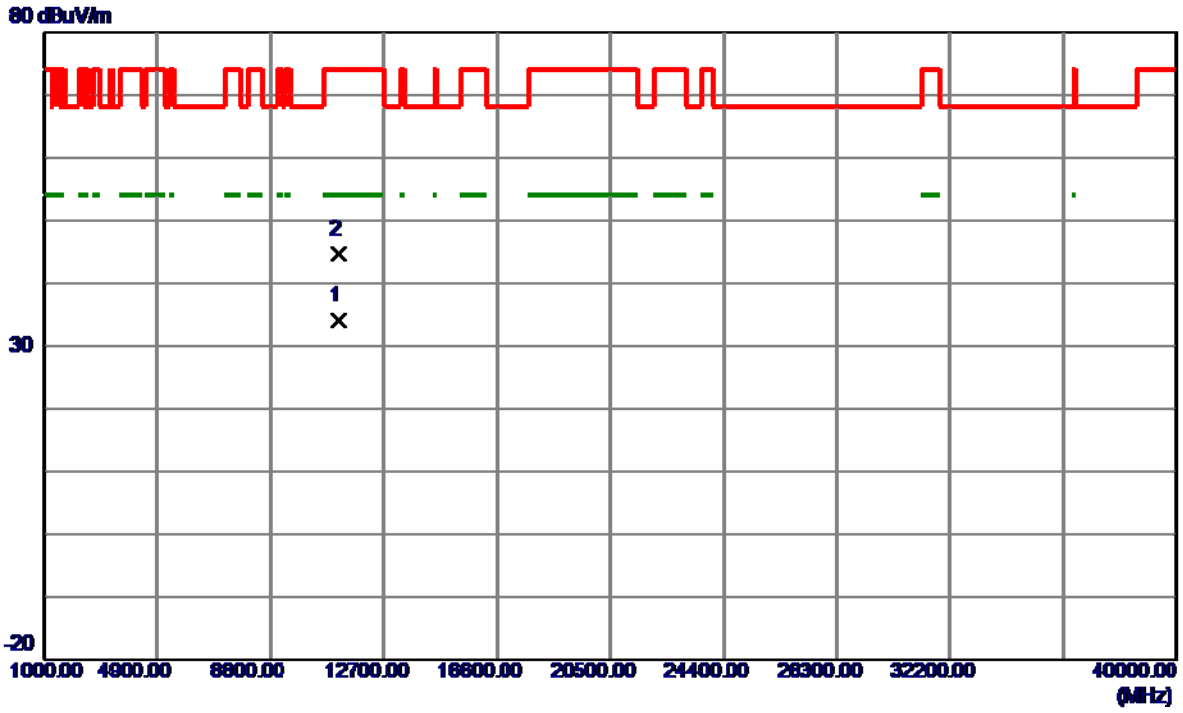
Test Mode	UNII-2C_TX AC(VHT80) Mode 5610 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5598.8000	96.24	12.64	108.88	68.20	40.68	Peak	No Limit
2	5603.6000	86.50	12.66	99.16	999.00	-899.84	AVG	No Limit
3	5725.0000	43.28	13.04	56.32	68.20	11.88	Peak	

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

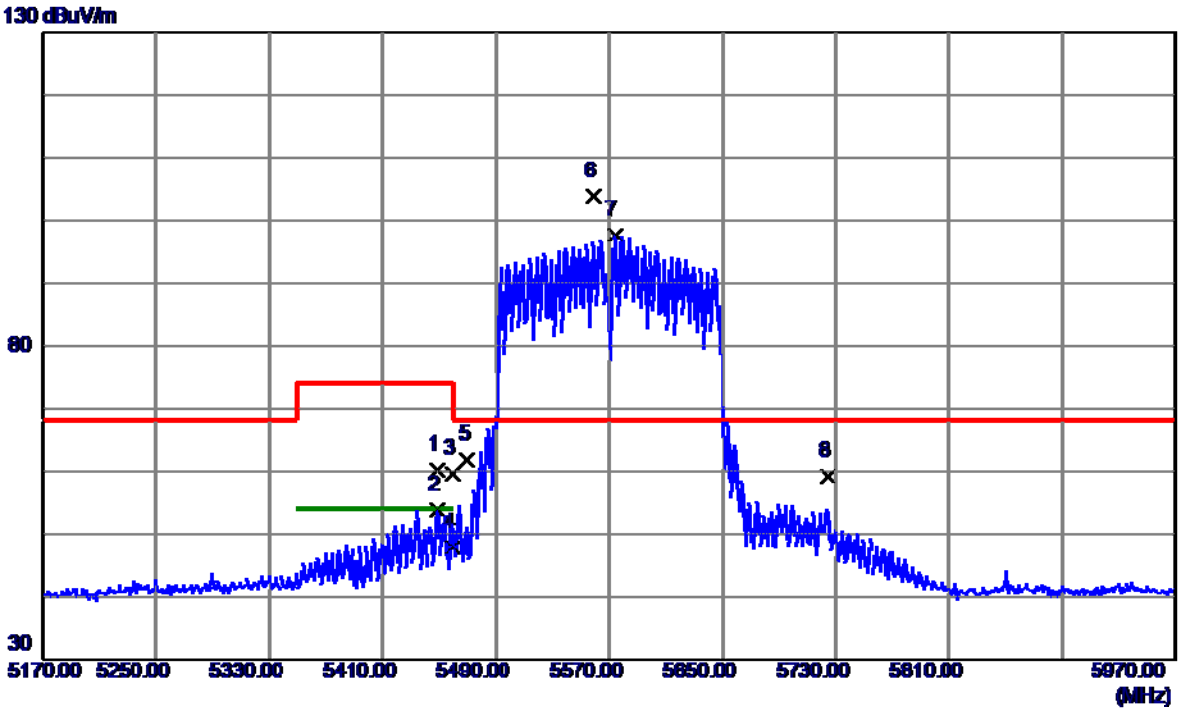
Test Mode	UNII-2C_TX AC(VHT160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11151.9000	27.66	6.39	34.05	54.00	-19.95	AVG	
2	11153.1250	38.27	6.39	44.66	74.00	-29.34	Peak	

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

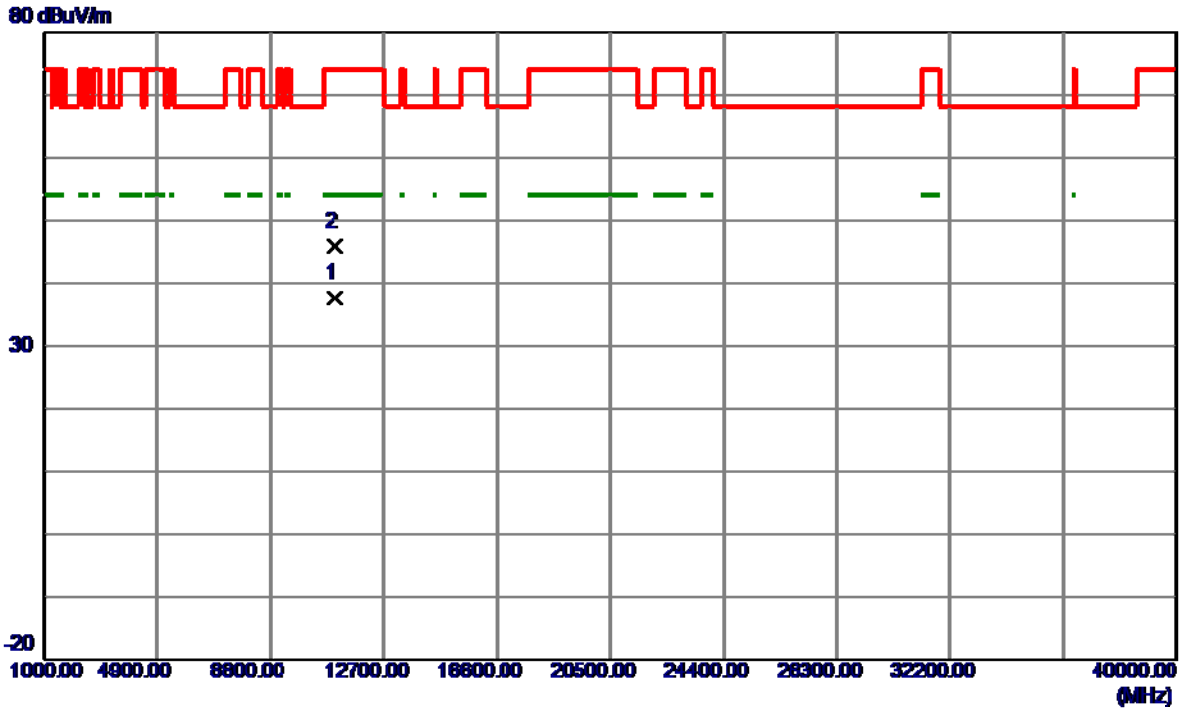
Test Mode	UNII-2C_TX AC(VHT160) Mode 5570 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5448.8000	47.85	12.33	60.18	74.00	-13.82	Peak	
2	5448.8000	41.50	12.33	53.83	54.00	-0.17	AVG	
3	5460.0000	47.34	12.33	59.67	74.00	14.33	Peak	
4	5460.0000	35.44	12.33	47.77	54.00	-6.23	AVG	
5	5470.0000	49.55	12.33	61.88	68.20	-6.32	Peak	
6 *	5559.2000	91.34	12.52	103.86	68.20	35.66	Peak	No Limit
7	5574.0000	84.97	12.56	97.53	999.00	-901.47	AVG	No Limit
8	5725.0000	46.07	13.04	59.11	68.20	-9.09	Peak	

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

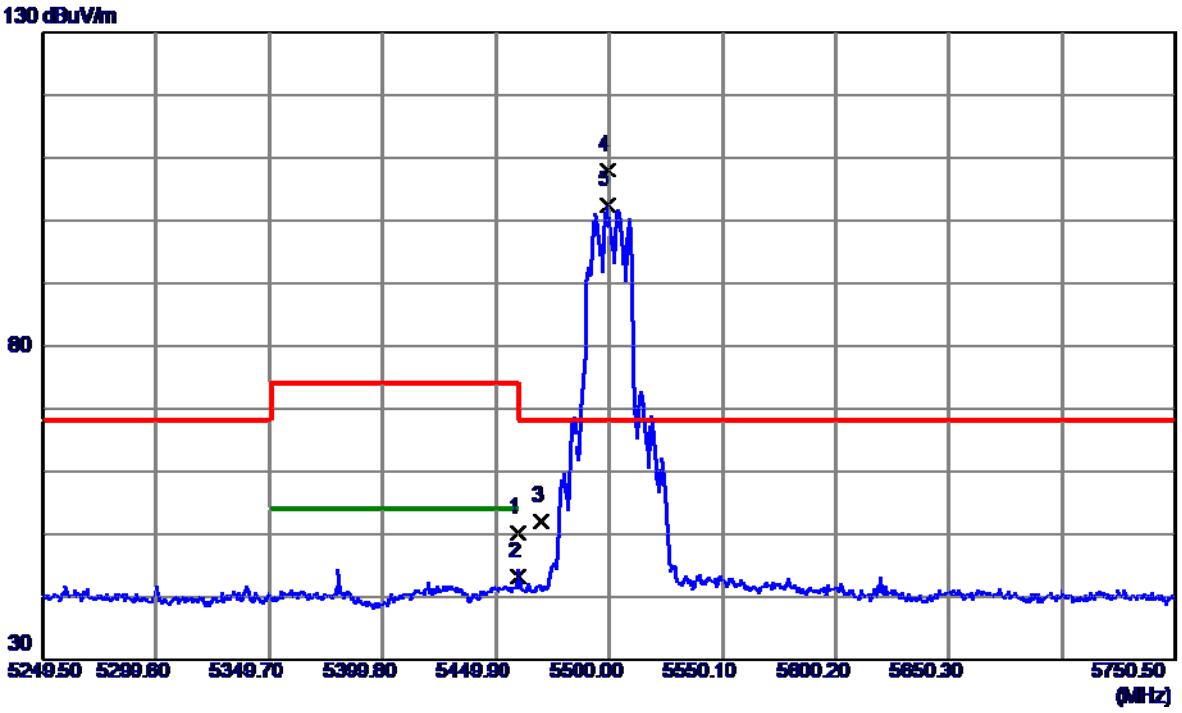
Test Mode	UNII-2C_TX AX(HE20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10998.0000	31.46	6.06	37.52	54.00	-16.48	AVG	
2	11005.0000	39.70	6.07	45.77	74.00	-28.23	Peak	

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

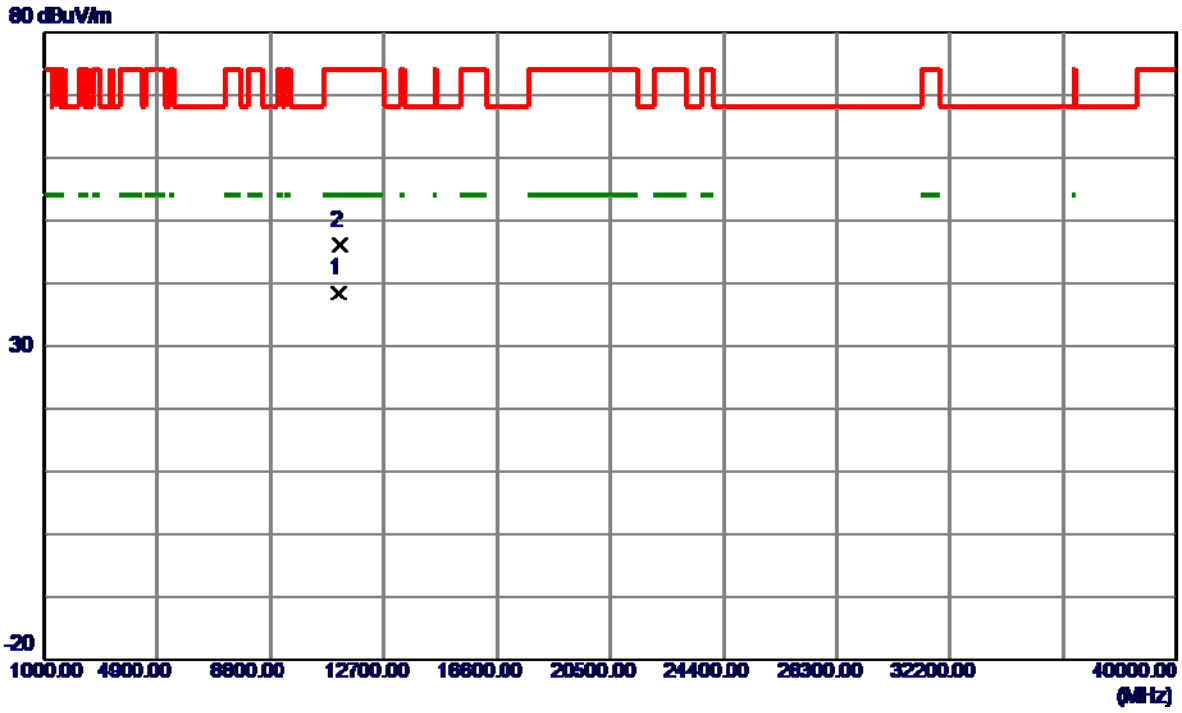
Test Mode	UNII-2C_TX AX(HE20) Mode 5500 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	37.81	12.33	50.14	74.00	-23.86	Peak	
2	5460.0000	30.79	12.33	43.12	54.00	-10.88	AVG	
3	5470.0000	39.64	12.33	51.97	68.20	16.23	Peak	
4 *	5499.2480	95.75	12.33	108.08	68.20	39.88	Peak	No Limit
5	5499.2480	90.13	12.33	102.46	999.00	-896.54	AVG	No Limit

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

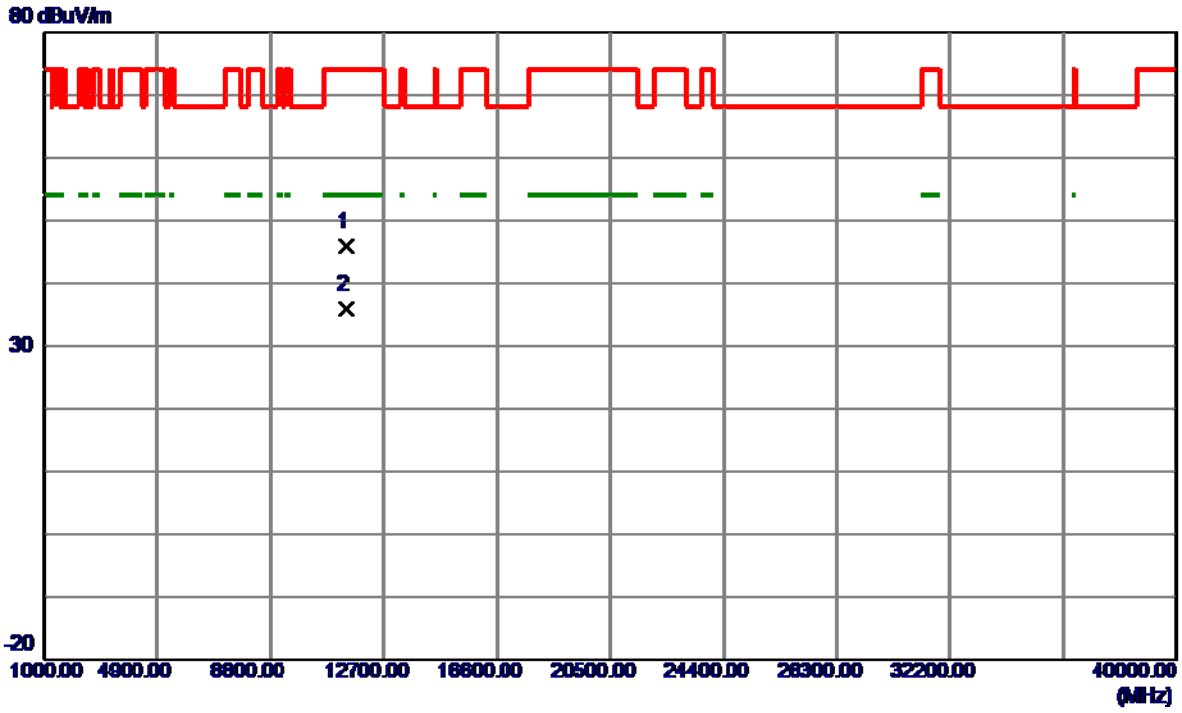
Test Mode	UNII-2C_TX AX(HE20) Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11158.0000	32.01	6.40	38.41	54.00	-15.59	AVG	
2	11163.0000	39.65	6.41	46.06	74.00	-27.94	Peak	

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

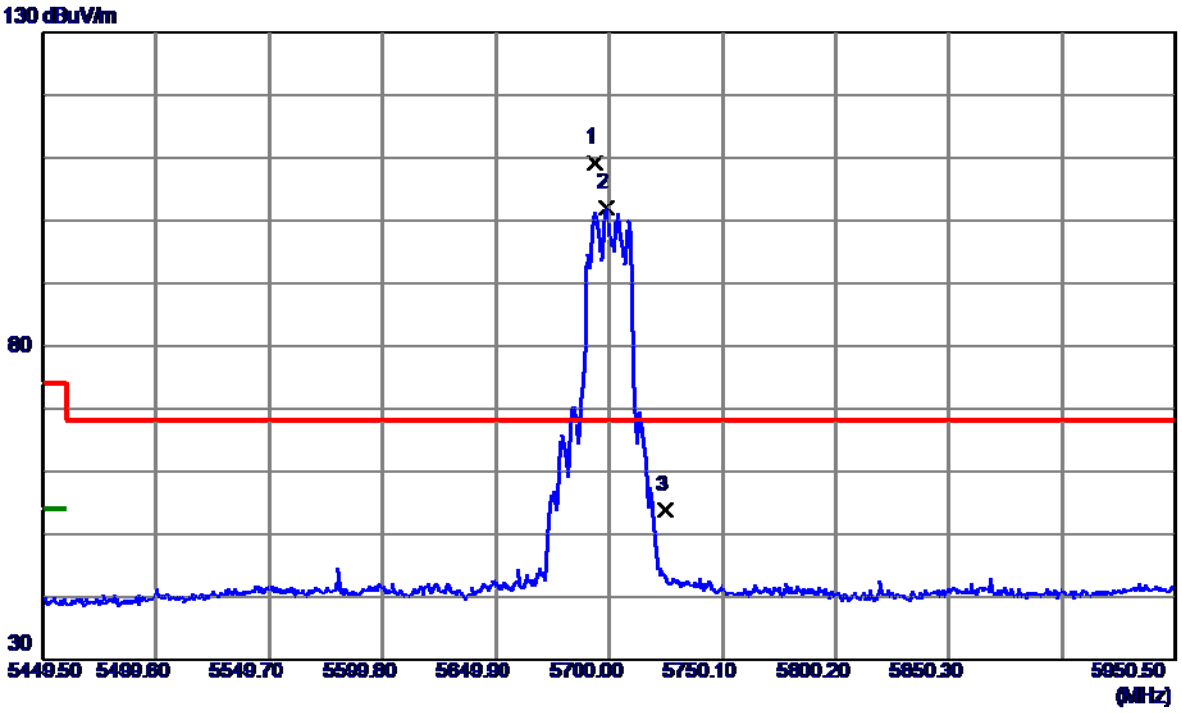
Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11397.2000	38.81	6.91	45.72	74.00	-28.28	Peak	
2 *	11409.7000	28.80	6.94	35.74	54.00	-18.26	AVG	

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

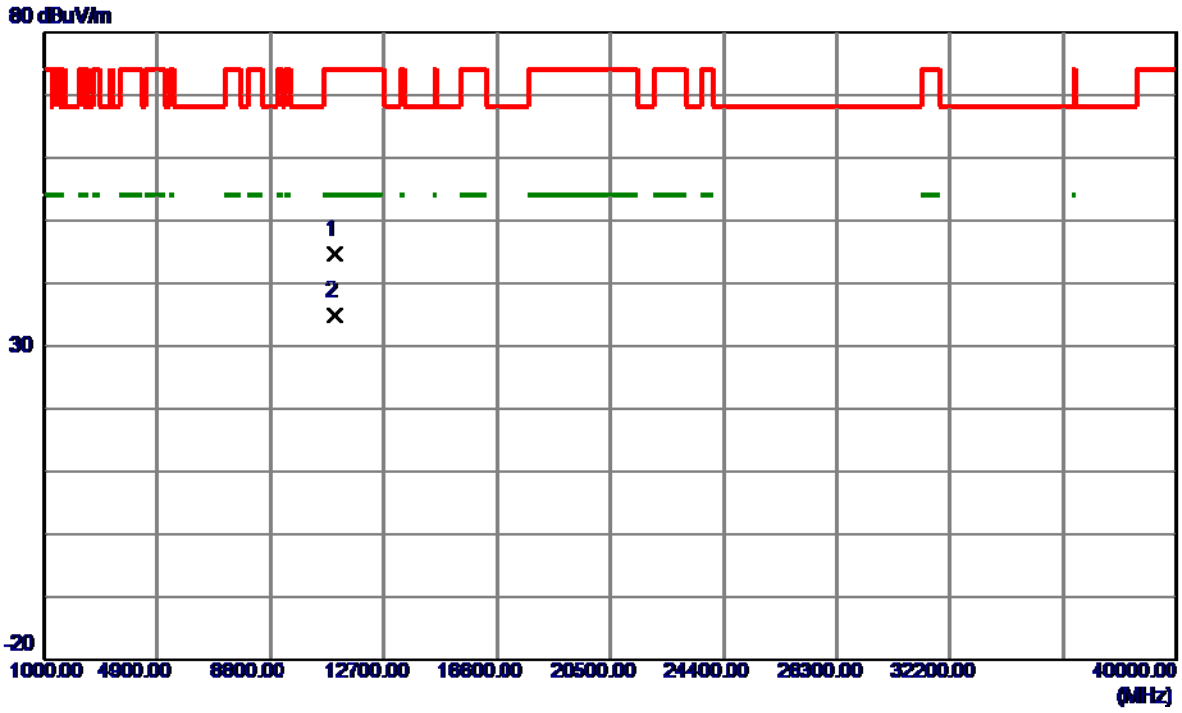
Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5693.9880	96.24	12.94	109.18	68.20	40.98	Peak	No Limit
2	5698.9980	89.07	12.95	102.02	999.00	-896.98	AVG	No Limit
3	5725.0000	40.76	13.04	53.80	68.20	14.40	Peak	

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

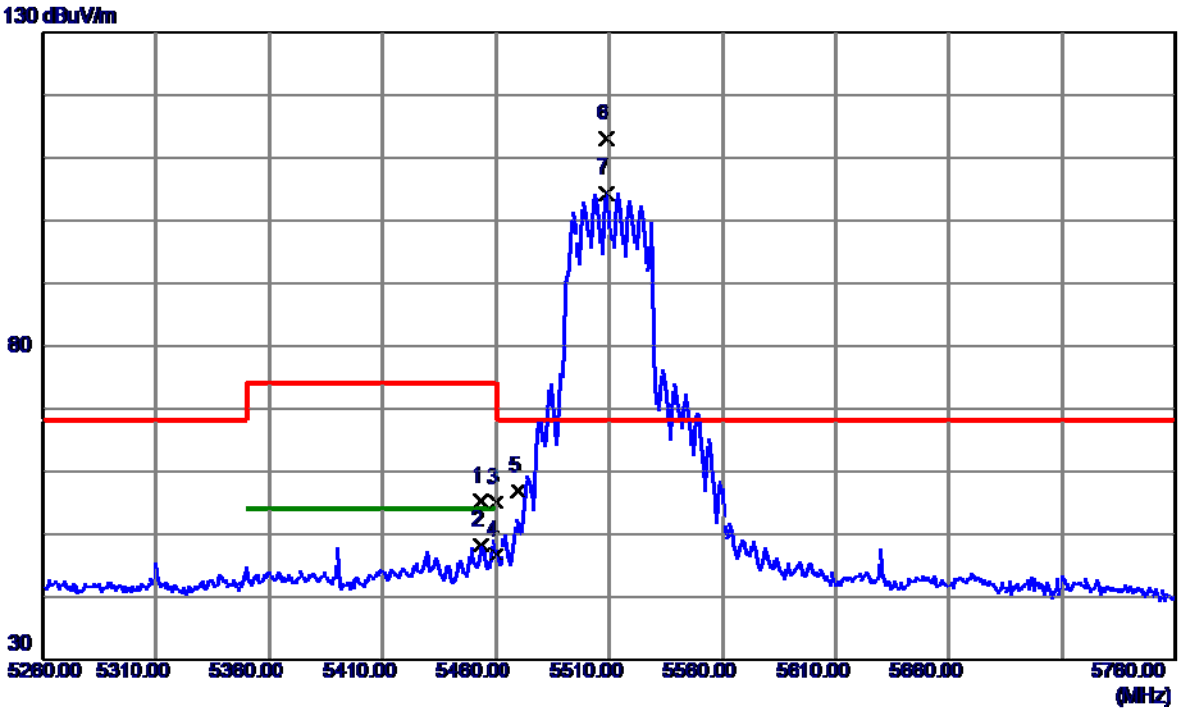
Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11026.2500	38.55	6.12	44.67	74.00	-29.33	Peak	
2 *	11028.0000	28.77	6.12	34.89	54.00	-19.11	AVG	

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

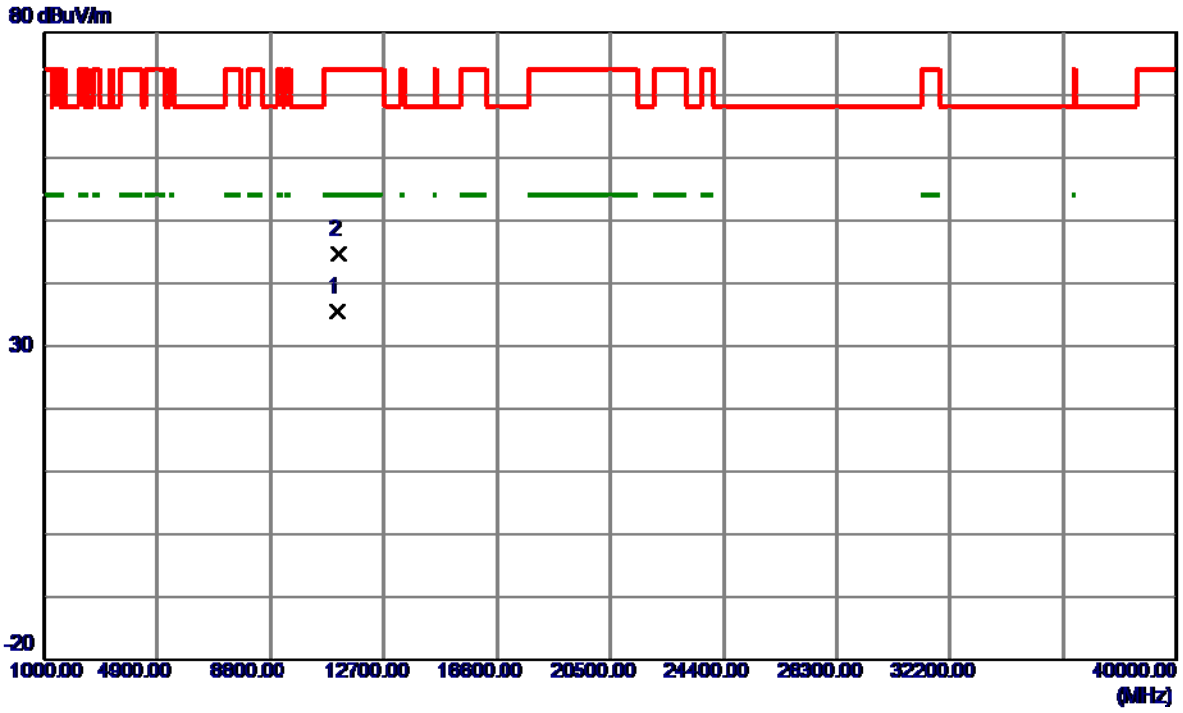
Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5453.5000	42.83	12.33	55.16	74.00	-18.84	Peak	
2	5453.5000	35.94	12.33	48.27	54.00	-5.73	AVG	
3	5460.0000	42.76	12.33	55.09	74.00	18.91	Peak	
4	5460.0000	34.36	12.33	46.69	54.00	-7.31	AVG	
5	5470.0000	44.38	12.33	56.71	68.20	-11.49	Peak	
6 *	5508.7500	100.73	12.36	113.09	68.20	44.89	Peak	No Limit
7	5509.0000	91.94	12.36	104.30	999.00	-894.70	AVG	No Limit

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

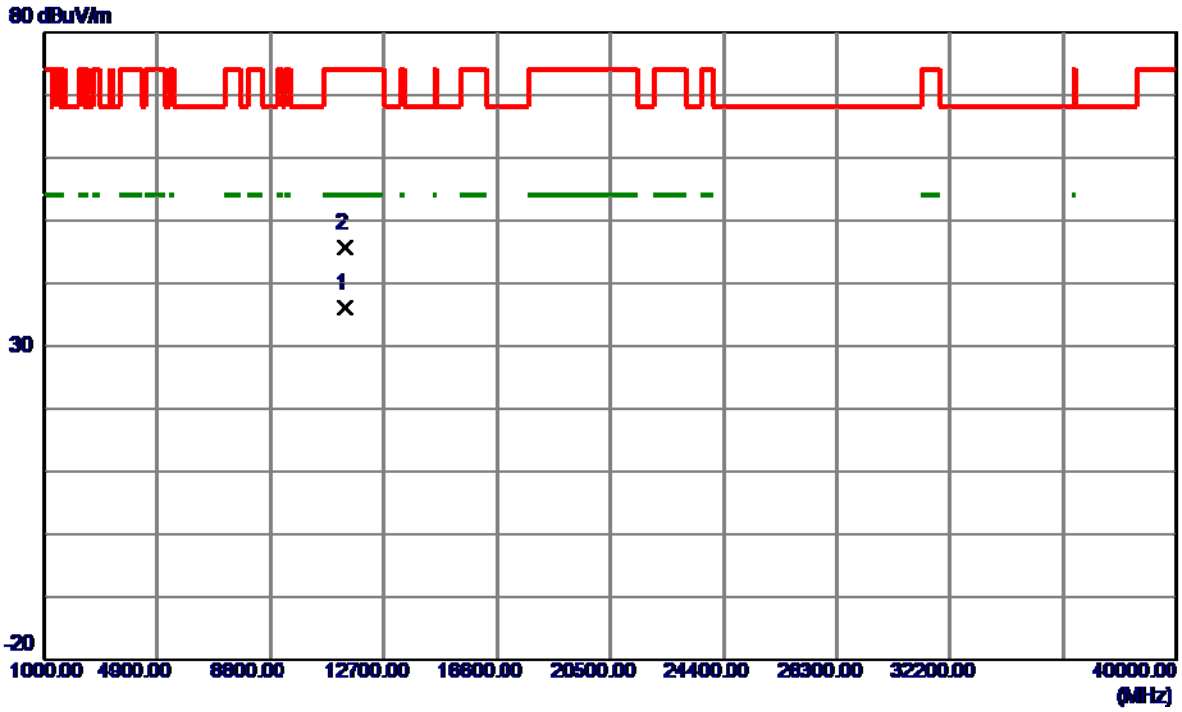
Test Mode	UNII-2C_TX AX(HE40) Mode 5550 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11107.8750	29.16	6.29	35.45	54.00	-18.55	AVG	
2	11120.3000	38.27	6.32	44.59	74.00	-29.41	Peak	

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

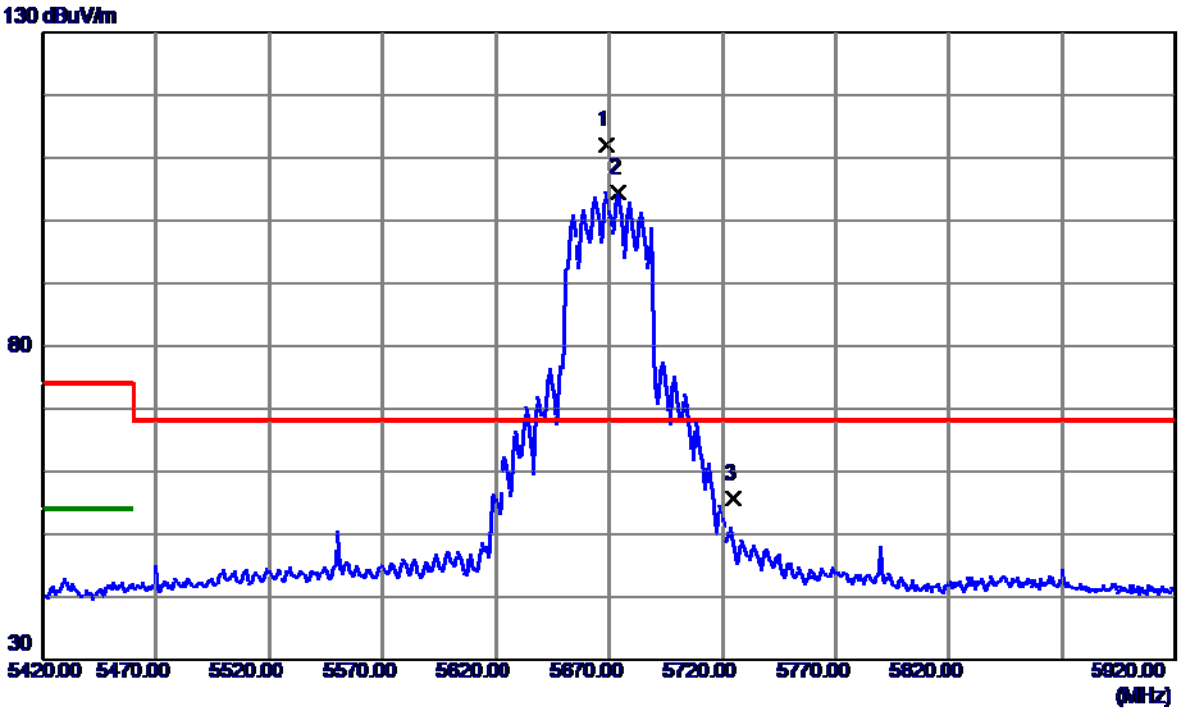
Test Mode	UNII-2C_TX AX(HE40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11347.9250	29.18	6.81	35.99	54.00	-18.01	AVG	
2	11351.6250	38.81	6.82	45.63	74.00	-28.37	Peak	

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

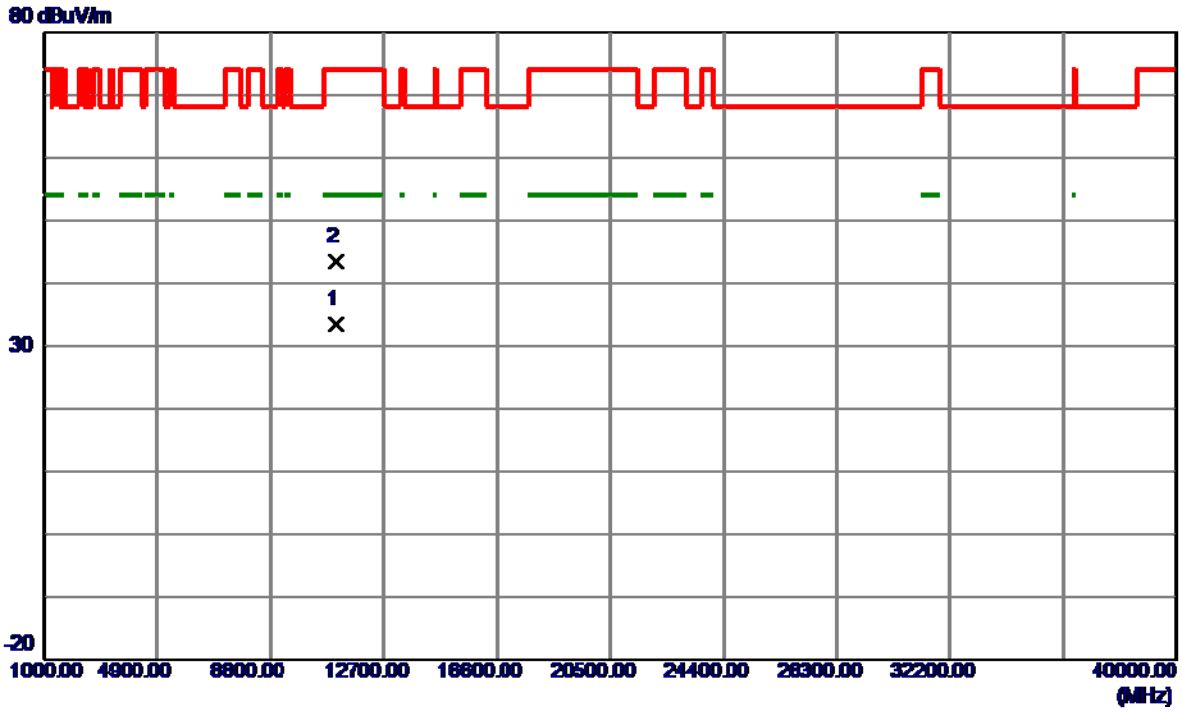
Test Mode	UNII-2C_TX AX(HE40) Mode 5670 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5669.0000	99.22	12.86	112.08	68.20	43.88	Peak	No Limit
2	5673.7500	91.55	12.88	104.43	999.00	-894.57	AVG	No Limit
3	5725.0000	42.63	13.04	55.67	68.20	12.53	Peak	

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

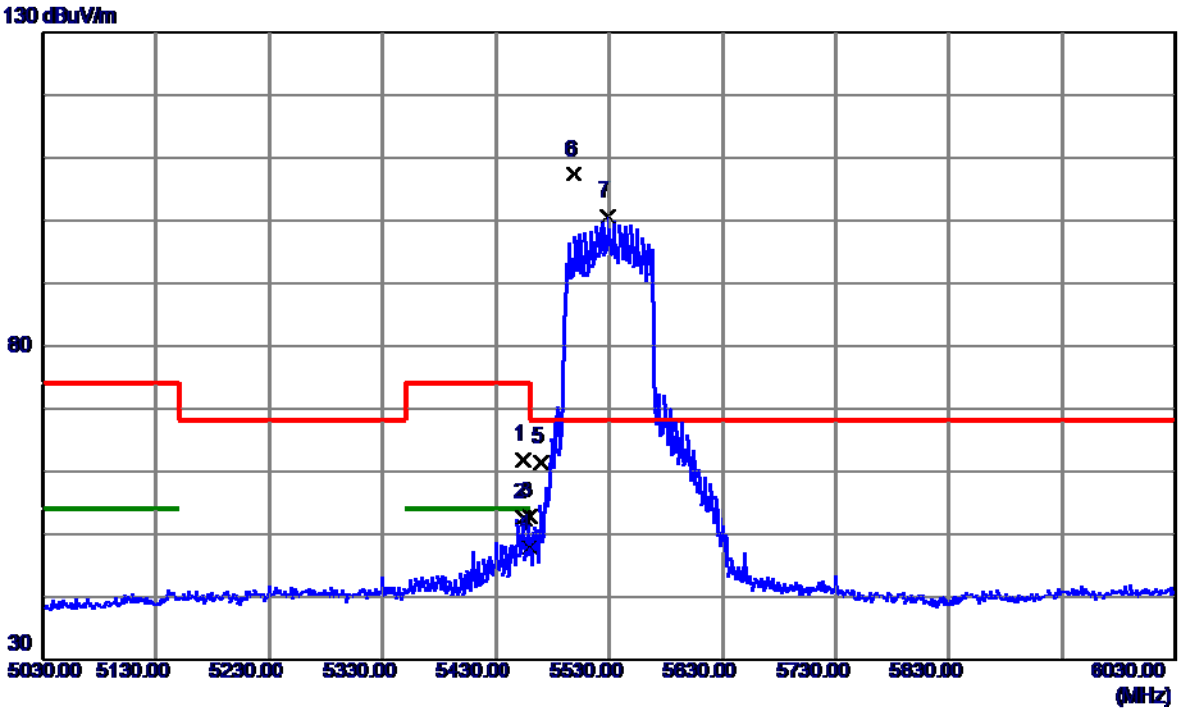
Test Mode	UNII-2C_TX AX(HE80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11048.4250	27.18	6.16	33.34	54.00	-20.66	AVG	
2	11056.0000	37.24	6.18	43.42	74.00	-30.58	Peak	

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

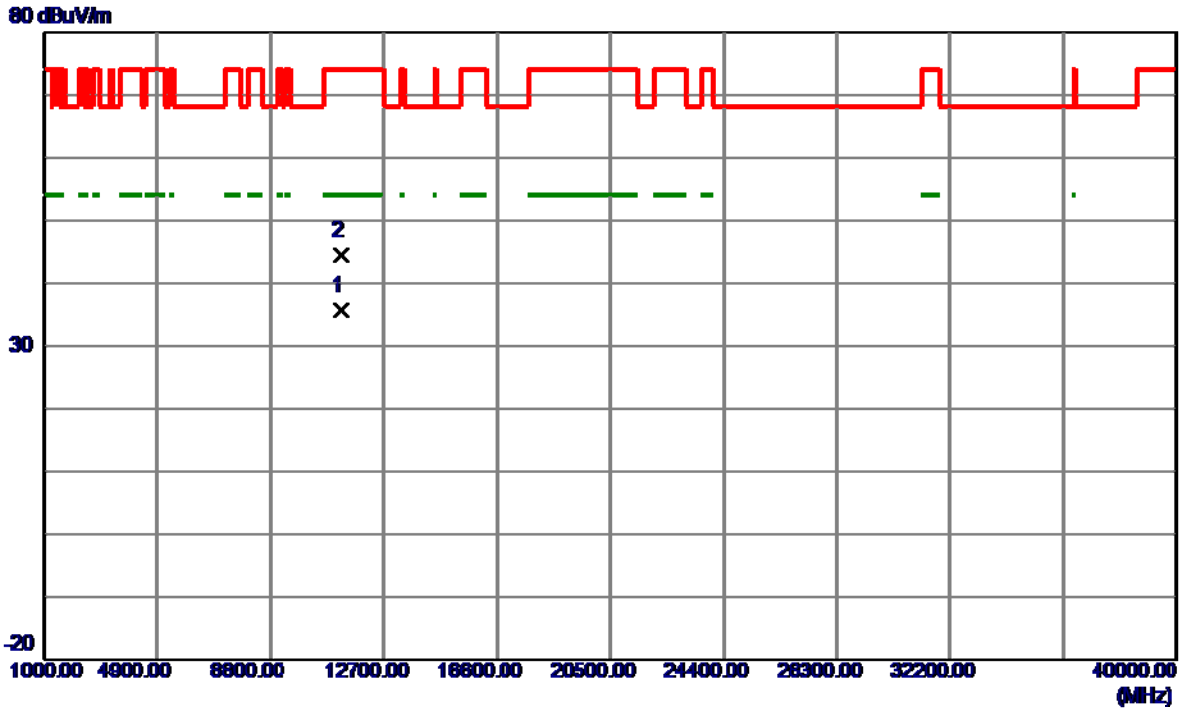
Test Mode	UNII-2C_TX AX(HE80) Mode 5530 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5454.0000	49.51	12.33	61.84	74.00	-12.16	Peak	
2	5454.0000	40.36	12.33	52.69	54.00	-1.31	AVG	
3	5460.0000	40.50	12.33	52.83	74.00	21.17	Peak	
4	5460.0000	35.37	12.33	47.70	54.00	-6.30	AVG	
5	5470.0000	49.13	12.33	61.46	68.20	-6.74	Peak	
6 *	5499.0000	94.97	12.33	107.30	68.20	39.10	Peak	No Limit
7	5529.0000	88.15	12.42	100.57	999.00	-898.43	AVG	No Limit

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

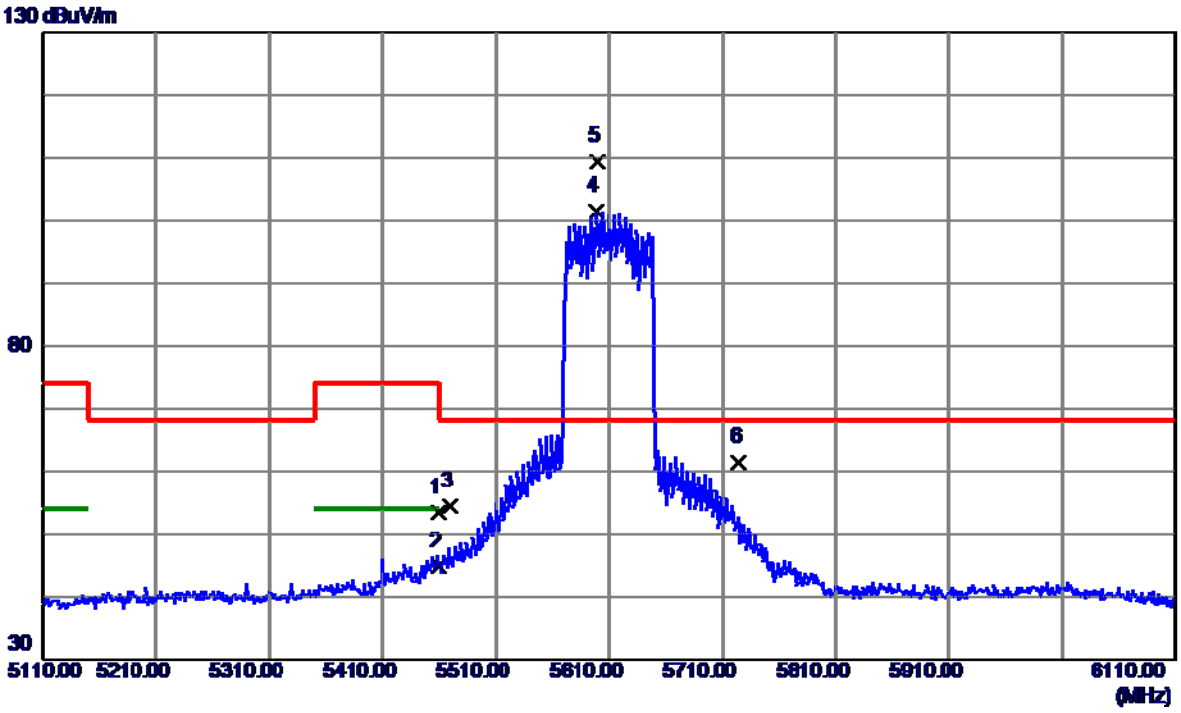
Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11213.1000	29.01	6.52	35.53	54.00	-18.47	AVG	
2	11217.7750	37.81	6.53	44.34	74.00	-29.66	Peak	

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

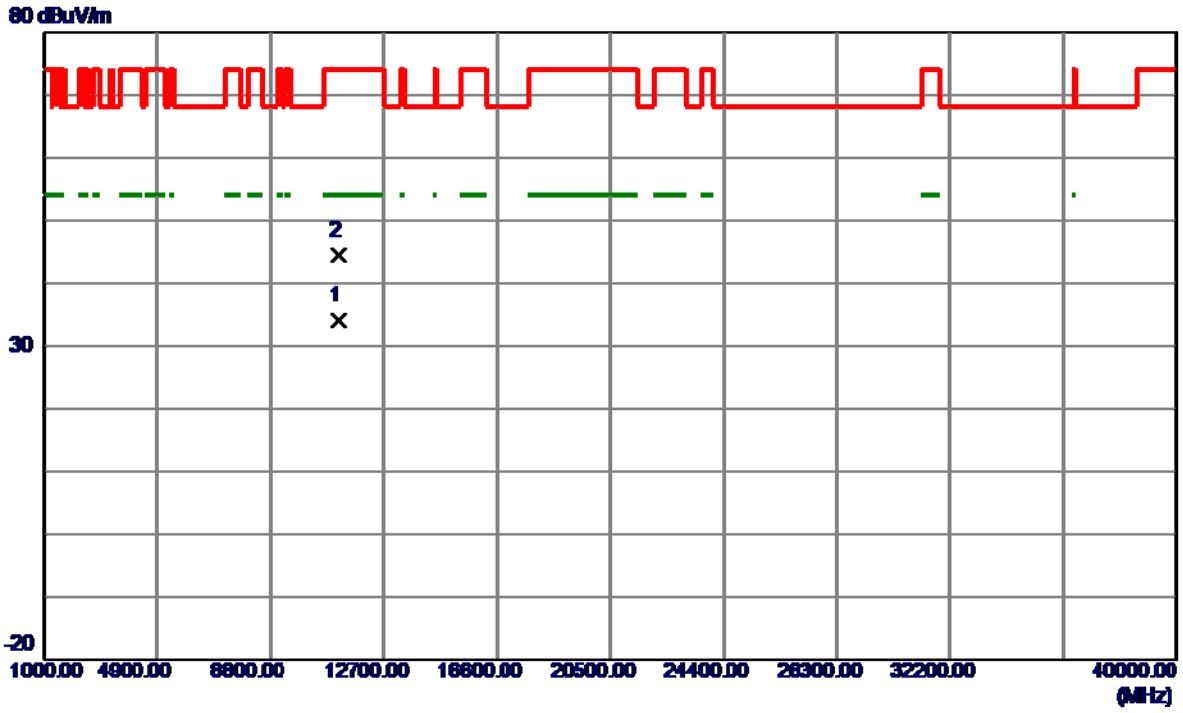
Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	41.06	12.33	53.39	74.00	-20.61	Peak	
2	5460.0000	32.53	12.33	44.86	54.00	-9.14	AVG	
3	5470.0000	42.01	12.33	54.34	68.20	13.86	Peak	
4	5598.5000	88.71	12.64	101.35	999.00	-897.65	AVG	No Limit
5 *	5599.5000	96.72	12.64	109.36	68.20	41.16	Peak	No Limit
6	5725.0000	48.43	13.04	61.47	68.20	-6.73	Peak	

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

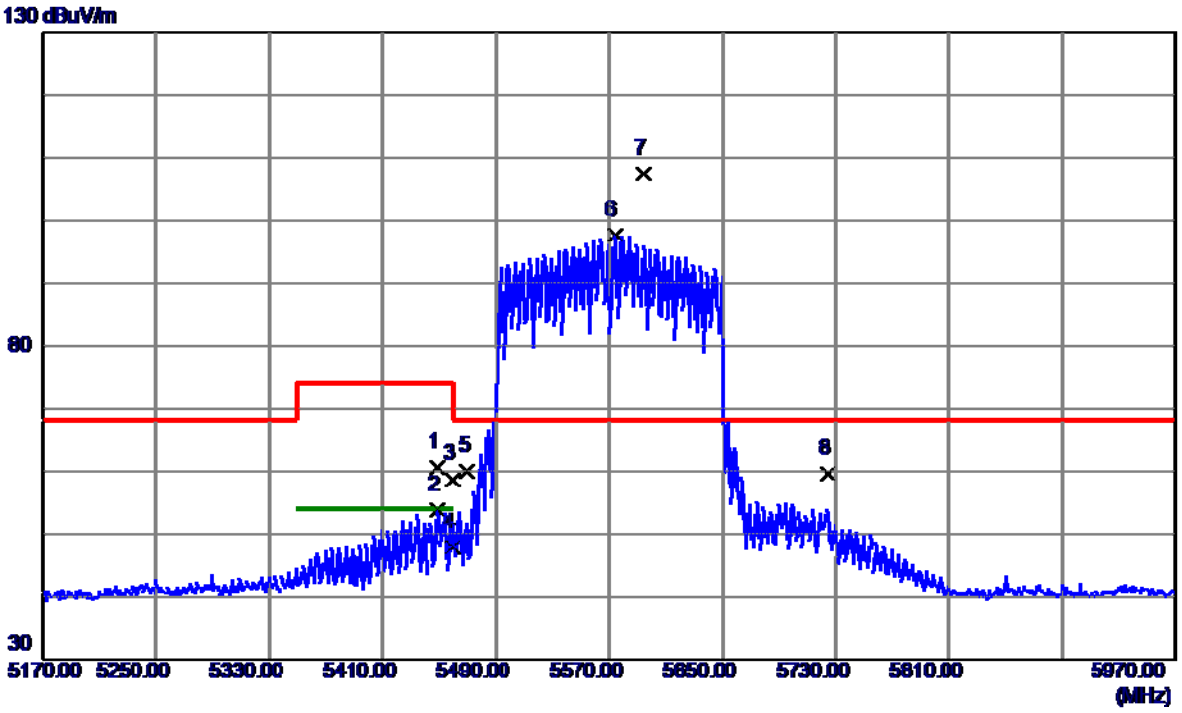
Test Mode	UNII-2C_TX AX(HE160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11135.9750	27.69	6.35	34.04	54.00	-19.96	AVG	
2	11145.7250	38.02	6.37	44.39	74.00	-29.61	Peak	

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

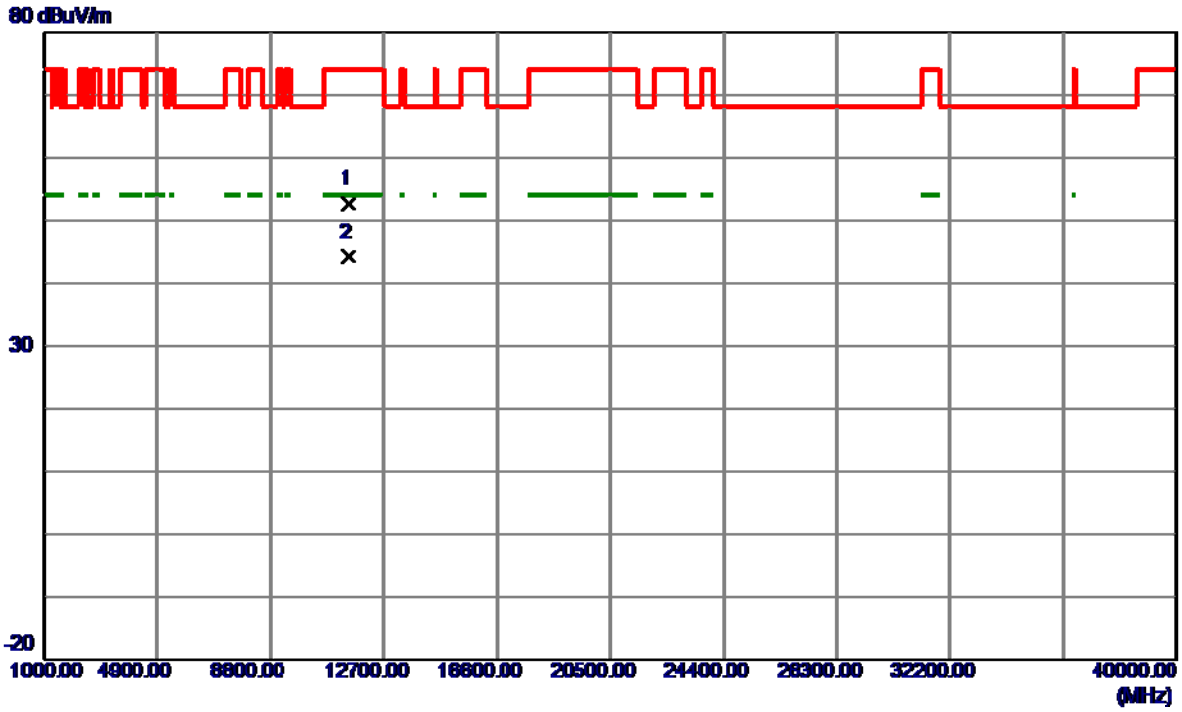
Test Mode	UNII-2C_TX AX(HE160) Mode 5570 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5449.2000	48.33	12.33	60.66	74.00	-13.34	Peak	
2	5449.2000	41.46	12.33	53.79	54.00	-0.21	AVG	
3	5460.0000	46.37	12.33	58.70	74.00	15.30	Peak	
4	5460.0000	35.50	12.33	47.83	54.00	-6.17	AVG	
5	5470.0000	47.59	12.33	59.92	68.20	-8.28	Peak	
6	5574.0000	85.07	12.56	97.63	999.00	-901.37	AVG	No Limit
7 *	5594.0000	94.74	12.63	107.37	68.20	39.17	Peak	No Limit
8	5725.0000	46.55	13.04	59.59	68.20	-8.61	Peak	

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

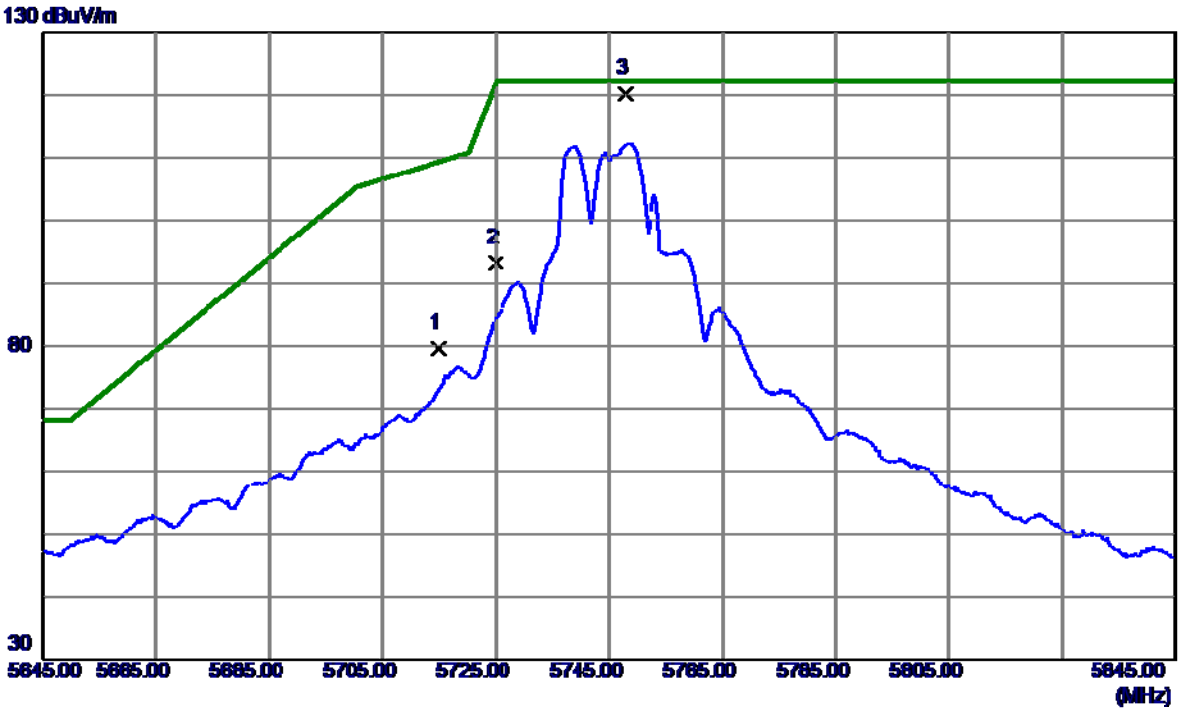
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11486.0000	45.50	7.10	52.60	74.00	-21.40	Peak	
2 *	11490.0000	36.99	7.11	44.10	54.00	-9.90	AVG	

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

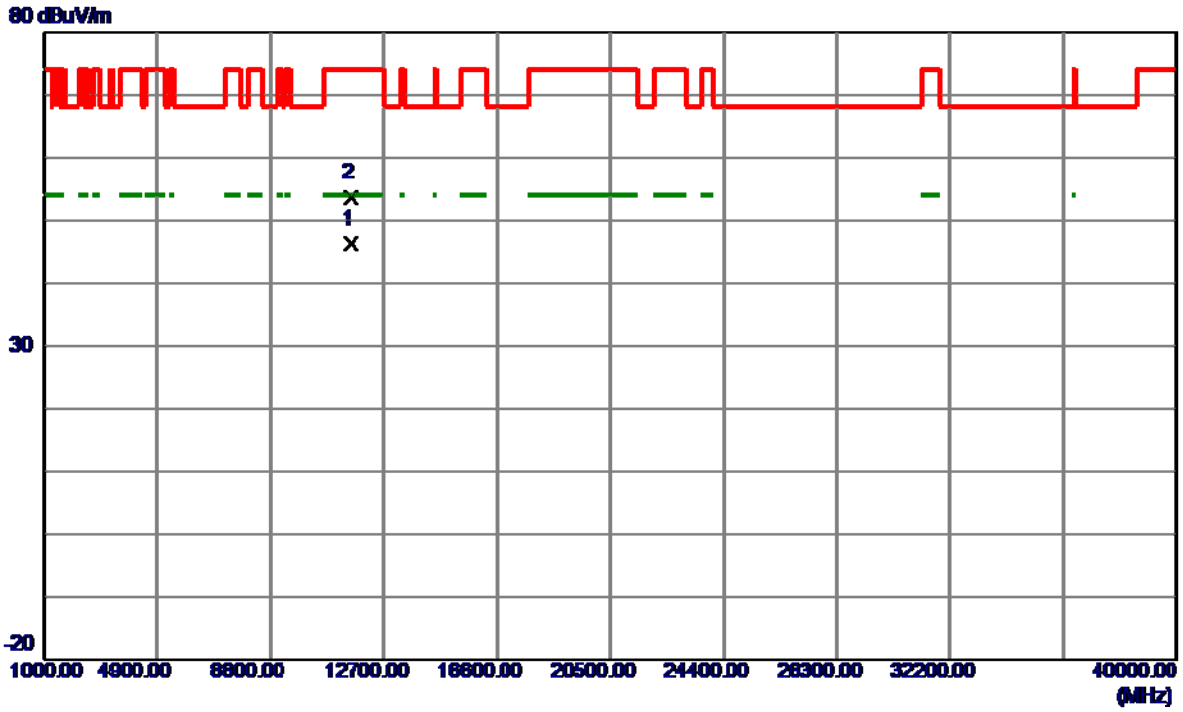
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	66.65	13.01	79.66	109.40	-29.74	Peak	
2	5725.0000	80.09	13.04	93.13	122.20	-29.07	Peak	
3 *	5747.8000	107.16	13.11	120.27	122.20	1.93	Peak	No Limit

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

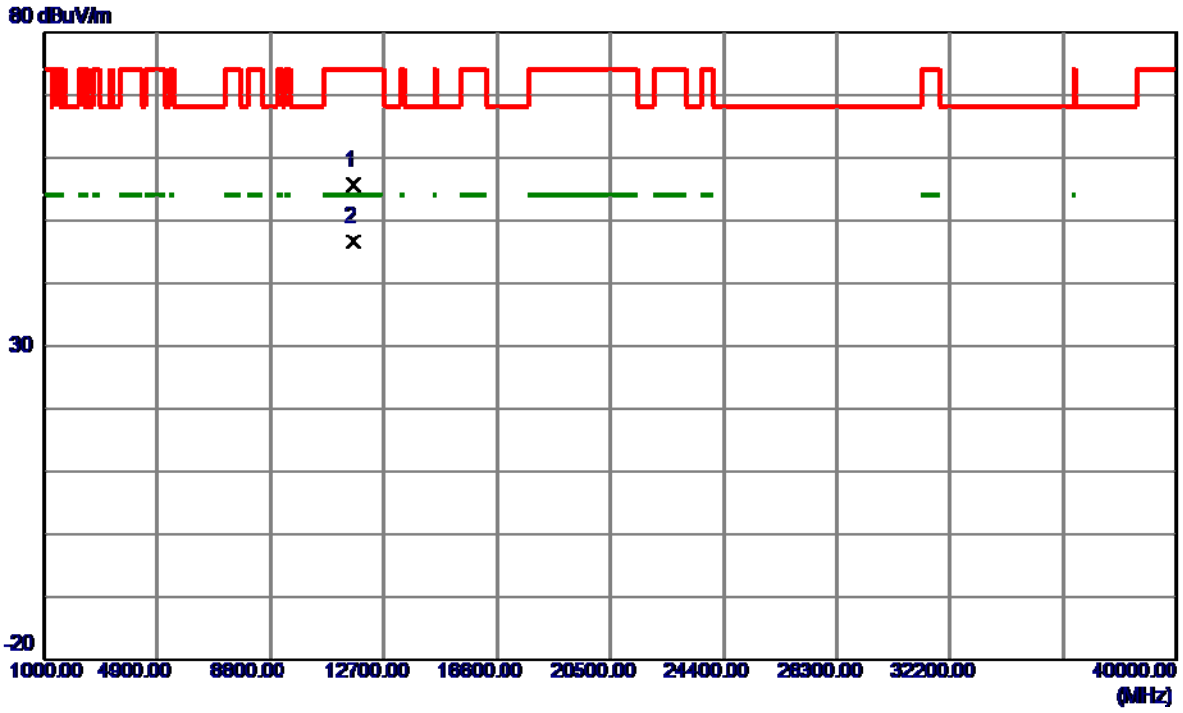
Test Mode	UNII-3_TX A Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11571.0000	38.94	7.23	46.17	54.00	-7.83	AVG	
2	11575.0000	46.38	7.23	53.61	74.00	-20.39	Peak	

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

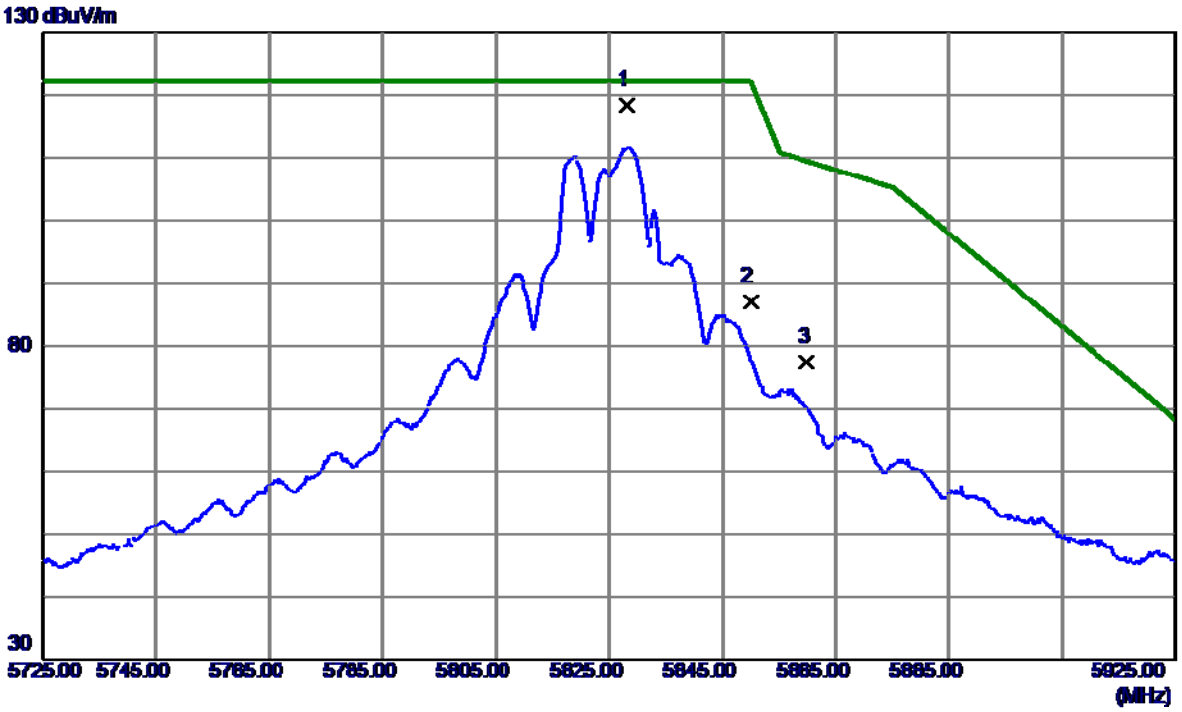
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11654.0000	48.27	7.33	55.60	74.00	-18.40	Peak	
2 *	11655.0000	39.35	7.33	46.68	54.00	-7.32	AVG	

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

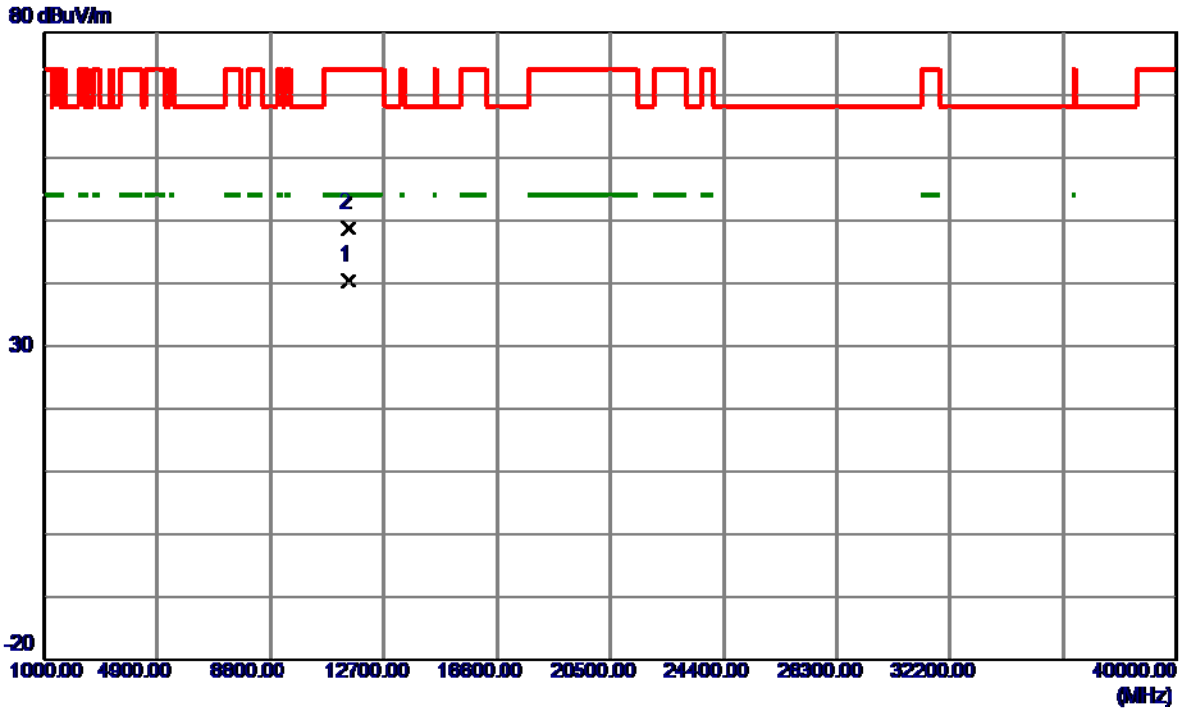
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5828.2000	105.06	13.36	118.42	122.20	-3.78	Peak	No Limit
2	5850.0000	73.55	13.43	86.98	122.20	-35.22	Peak	
3	5860.0000	63.87	13.46	77.33	109.40	32.07	Peak	

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

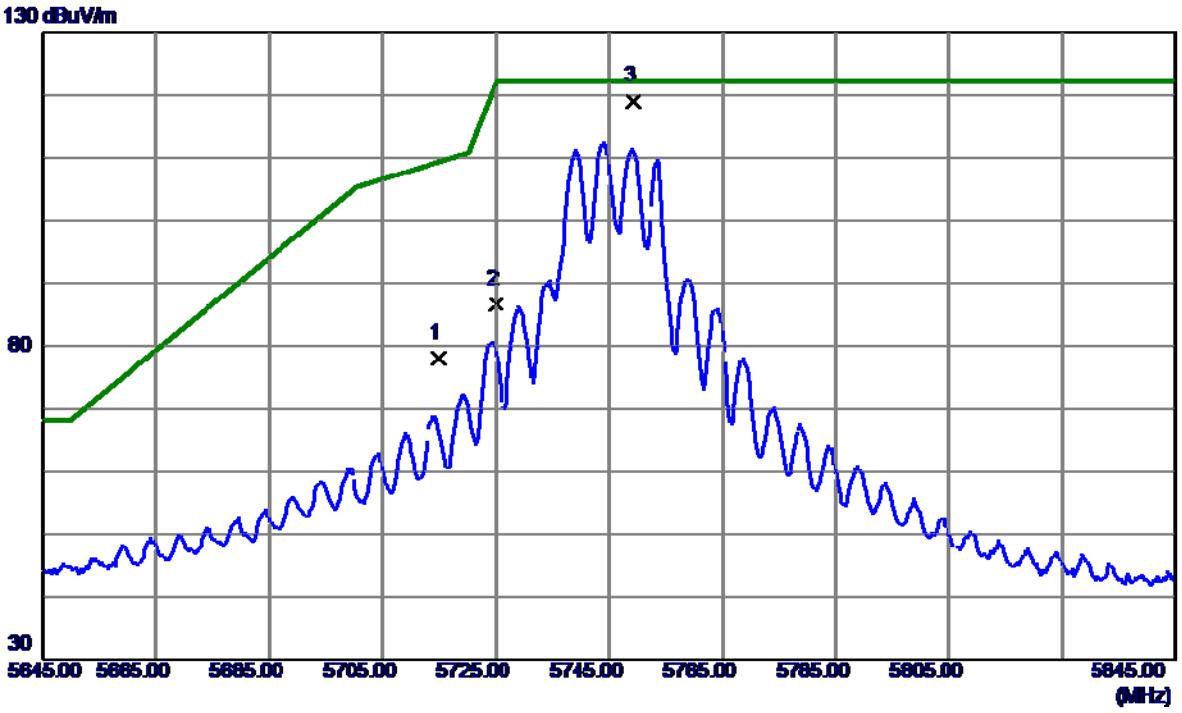
Test Mode	UNII-3_TX AC(VHT20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.0000	33.20	7.11	40.31	54.00	-13.69	AVG	
2	11495.0000	41.75	7.12	48.87	74.00	-25.13	Peak	

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

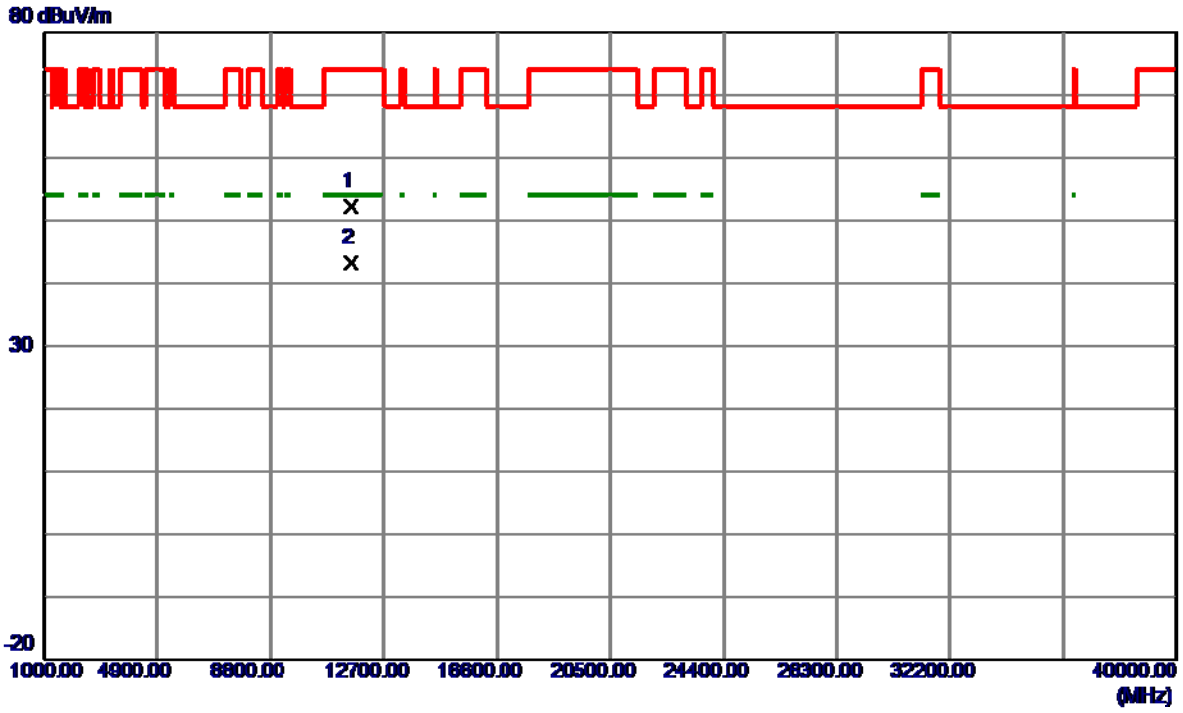
Test Mode	UNII-3_TX AC(VHT20) Mode 5745 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	65.02	13.01	78.03	109.40	-31.37	Peak	
2	5725.0000	73.56	13.04	86.60	122.20	-35.60	Peak	
3 *	5749.3000	105.99	13.11	119.10	122.20	3.10	Peak	No Limit

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

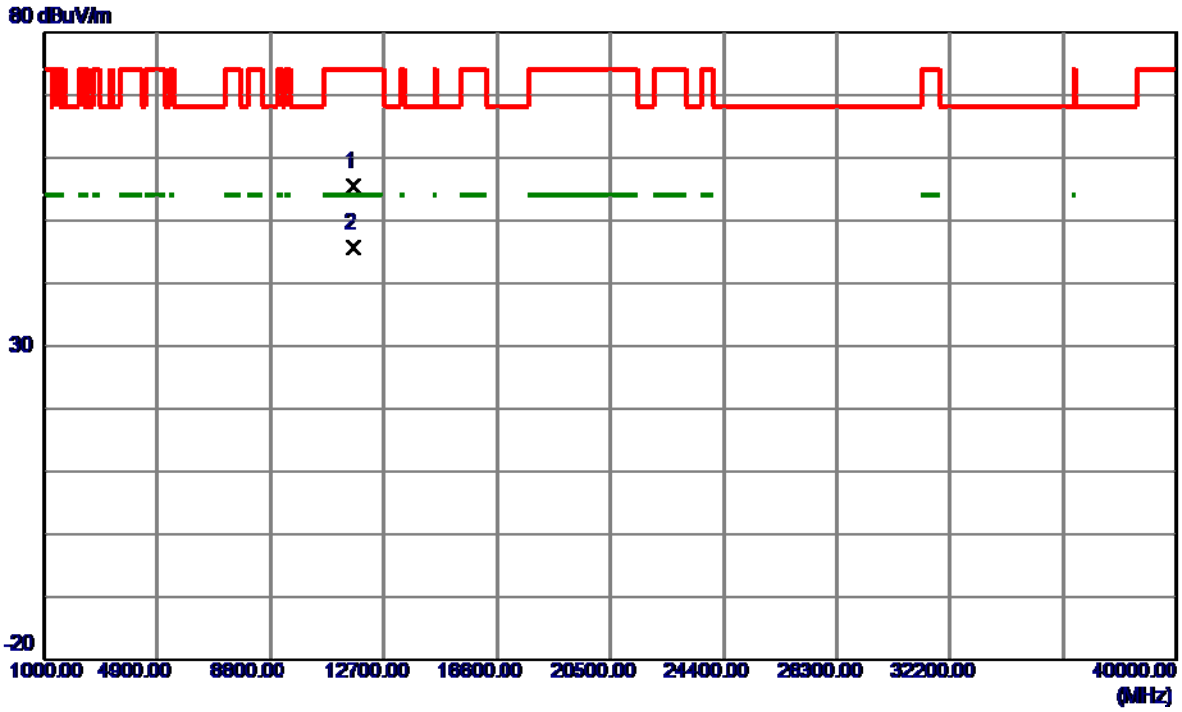
Test Mode	UNII-3_TX AC(VHT20) Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11566.0000	45.00	7.22	52.22	74.00	-21.78	Peak	
2 *	11570.0000	35.95	7.22	43.17	54.00	-10.83	AVG	

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

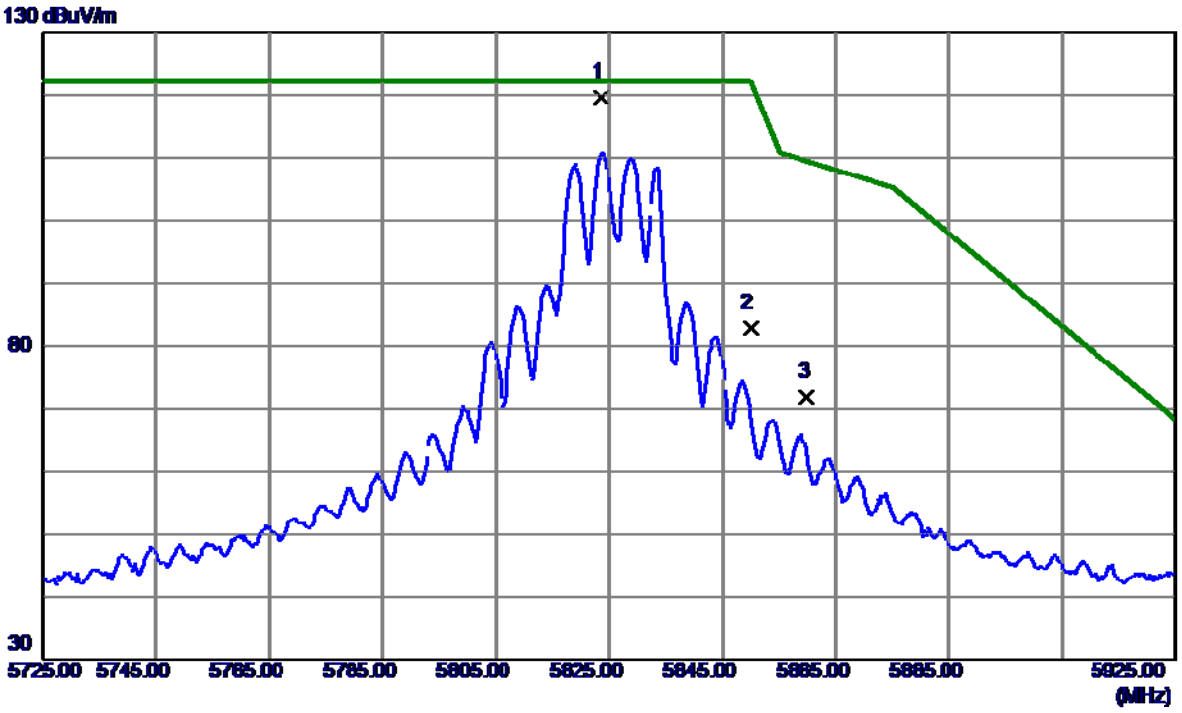
Test Mode	UNII-3_TX AC(VHT20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11643.0000	48.02	7.32	55.34	74.00	-18.66	Peak	
2 *	11648.0000	38.28	7.32	45.60	54.00	-8.40	AVG	

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

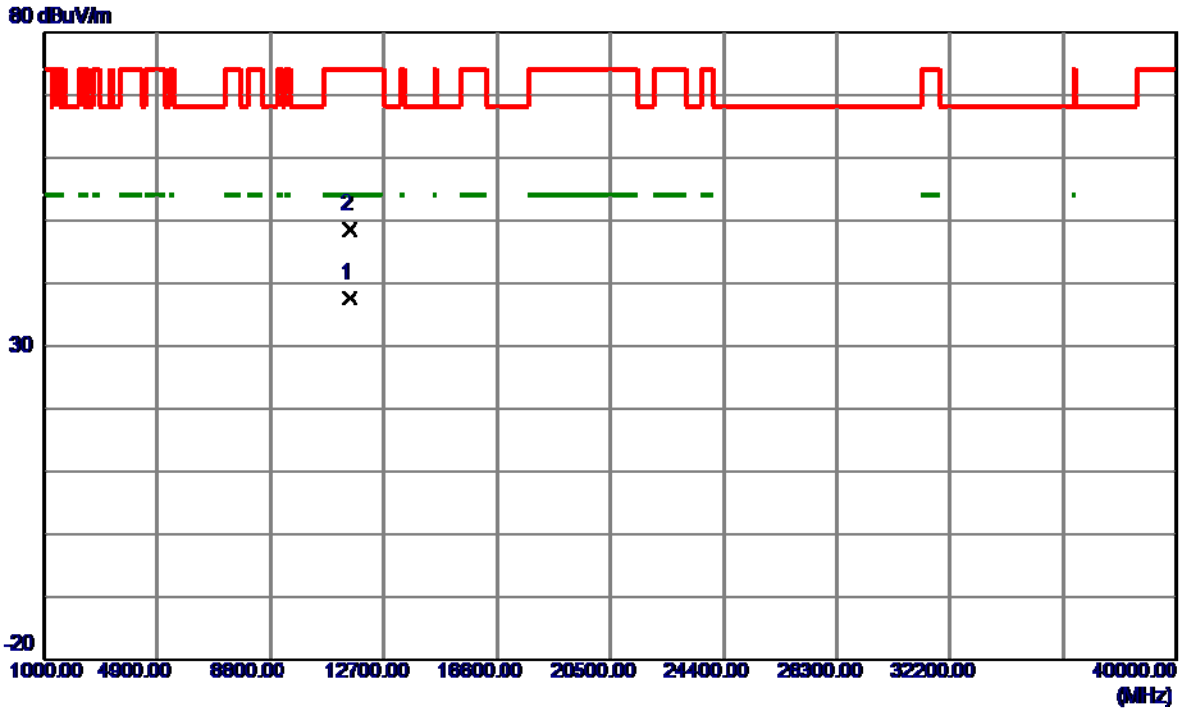
Test Mode	UNII-3_TX AC(VHT20) Mode 5825 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5823.7000	106.16	13.35	119.51	122.20	-2.69	Peak	No Limit
2	5850.0000	69.32	13.43	82.75	122.20	-39.45	Peak	
3	5860.0000	58.43	13.46	71.89	109.40	37.51	Peak	

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

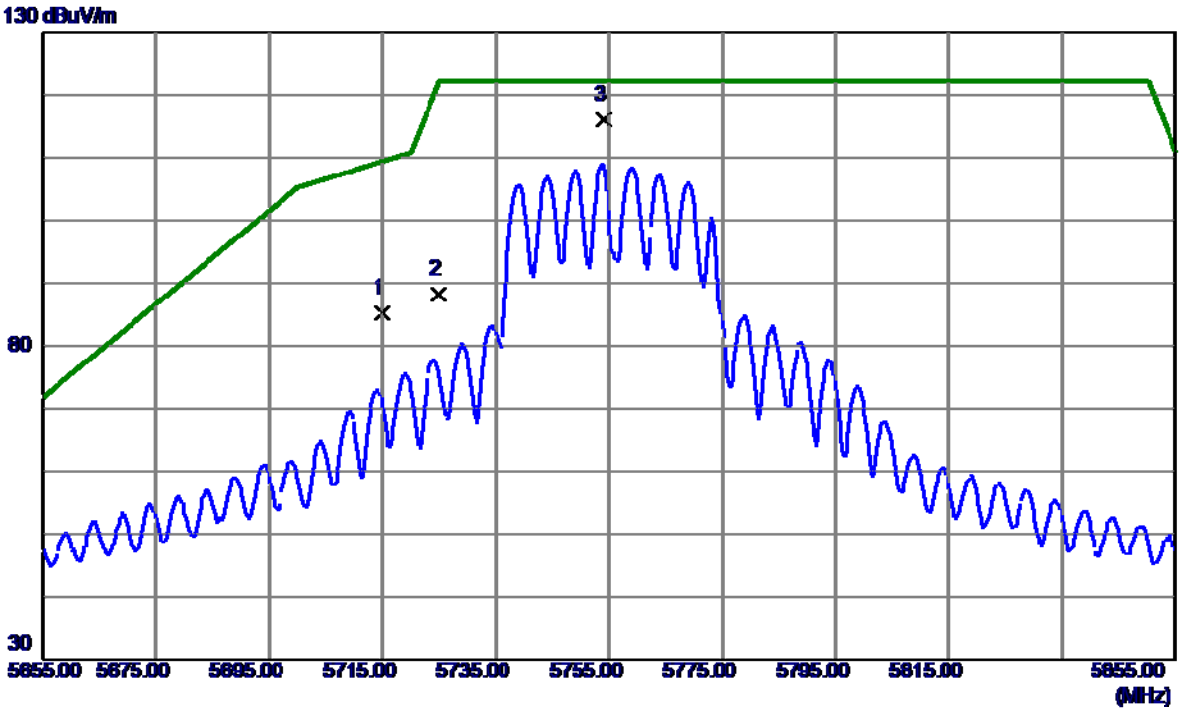
Test Mode	UNII-3_TX AC(VHT40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11510.0000	30.38	7.15	37.53	54.00	-16.47	AVG	
2	11511.0000	41.38	7.15	48.53	74.00	-25.47	Peak	

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

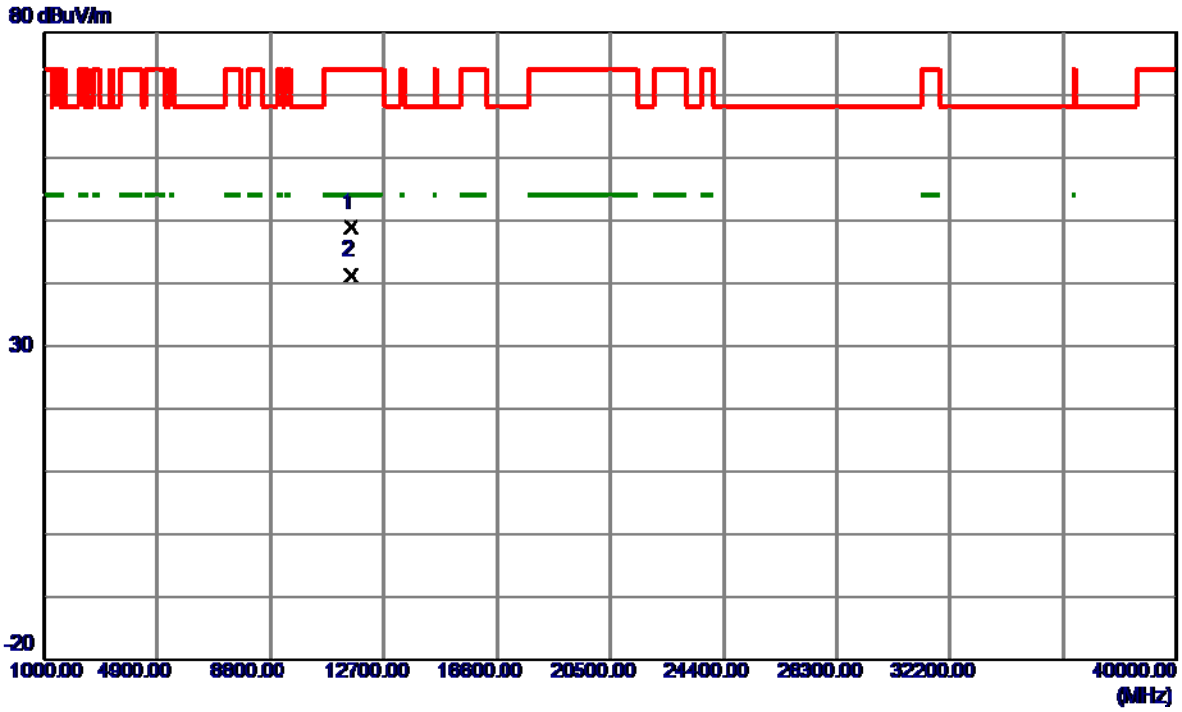
Test Mode	UNII-3_TX AC(VHT40) Mode 5755 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	72.17	13.01	85.18	109.40	-24.22	Peak	
2	5725.0000	75.09	13.04	88.13	122.20	-34.07	Peak	
3 *	5754.1000	102.88	13.13	116.01	122.20	6.19	Peak	No Limit

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

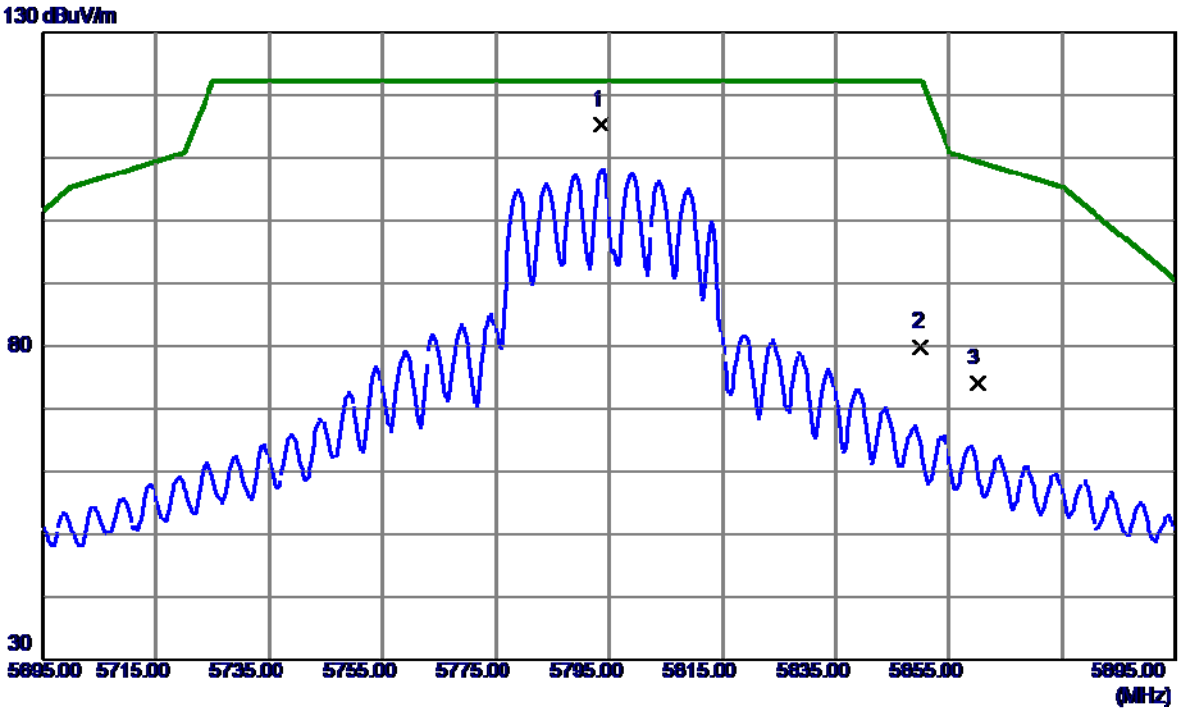
Test Mode	UNII-3_TX AC(VHT40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11580.0000	41.66	7.24	48.90	74.00	-25.10	Peak	
2 *	11590.0000	33.90	7.25	41.15	54.00	-12.85	AVG	

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

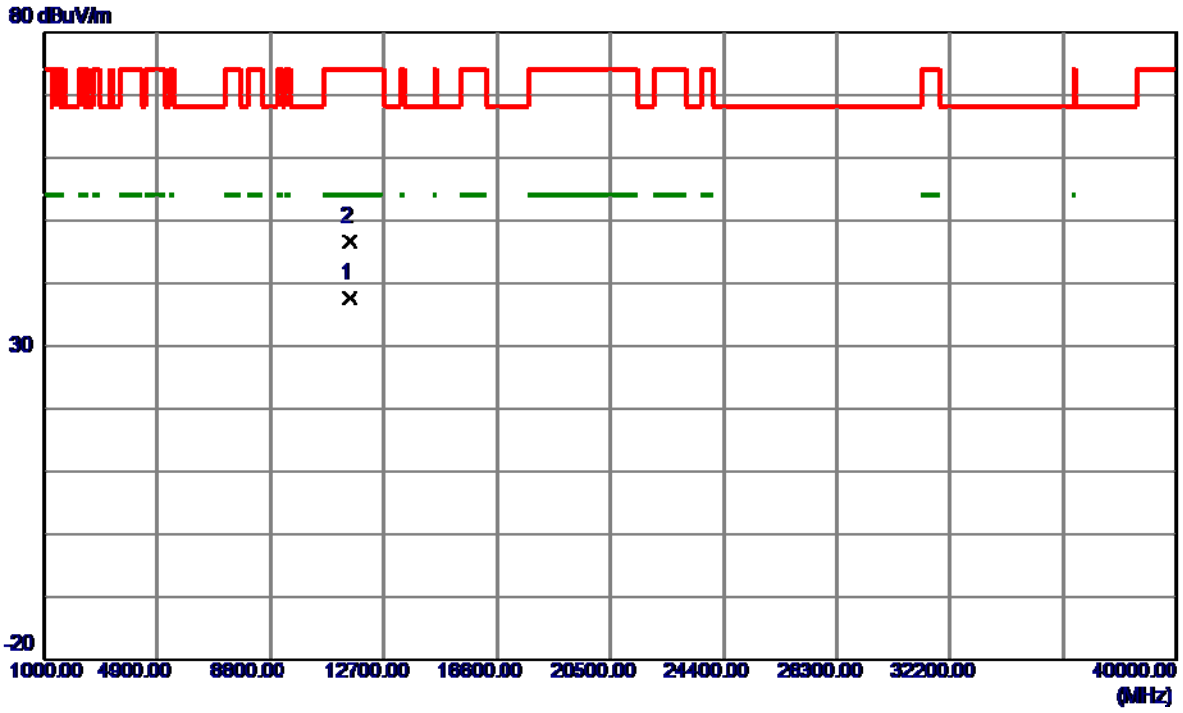
Test Mode	UNII-3_TX AC(VHT40) Mode 5795 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5793.6000	101.96	13.25	115.21	122.20	-6.99	Peak	No Limit
2	5850.0000	66.36	13.43	79.79	122.20	-42.41	Peak	
3	5860.0000	60.54	13.46	74.00	109.40	35.40	Peak	

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

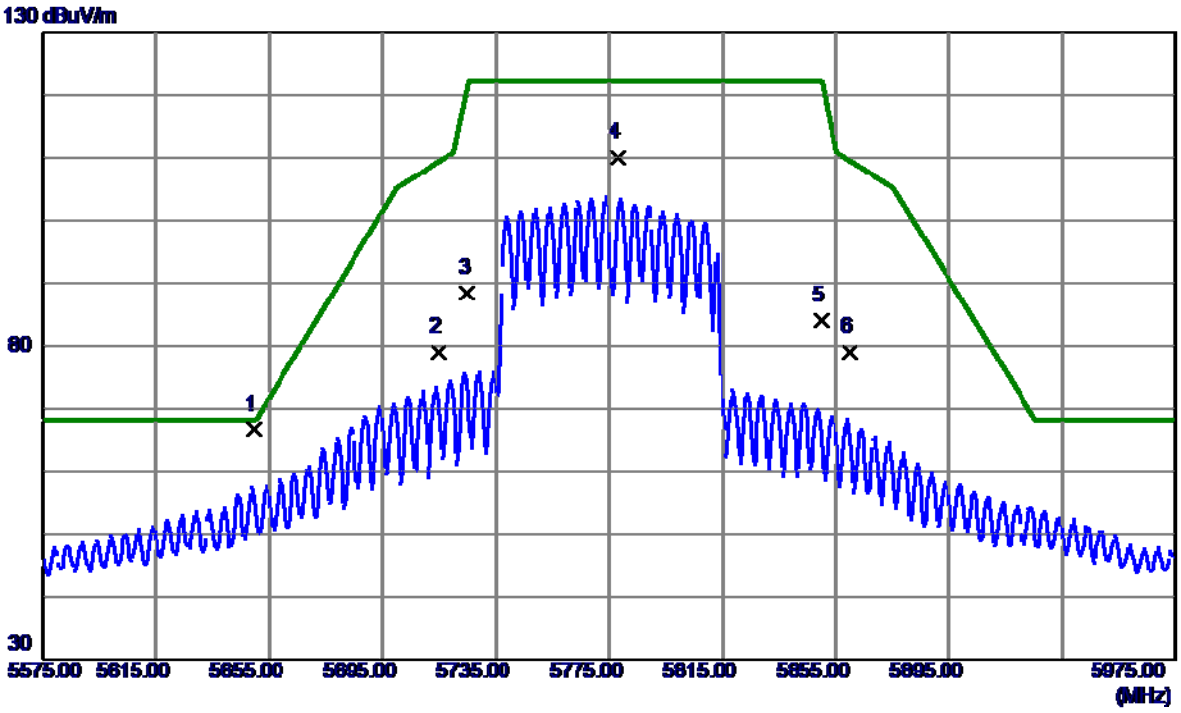
Test Mode	UNII-3_TX AC(VHT80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11541.0000	30.32	7.19	37.51	54.00	-16.49	AVG	
2	11549.0000	39.39	7.20	46.59	74.00	-27.41	Peak	

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

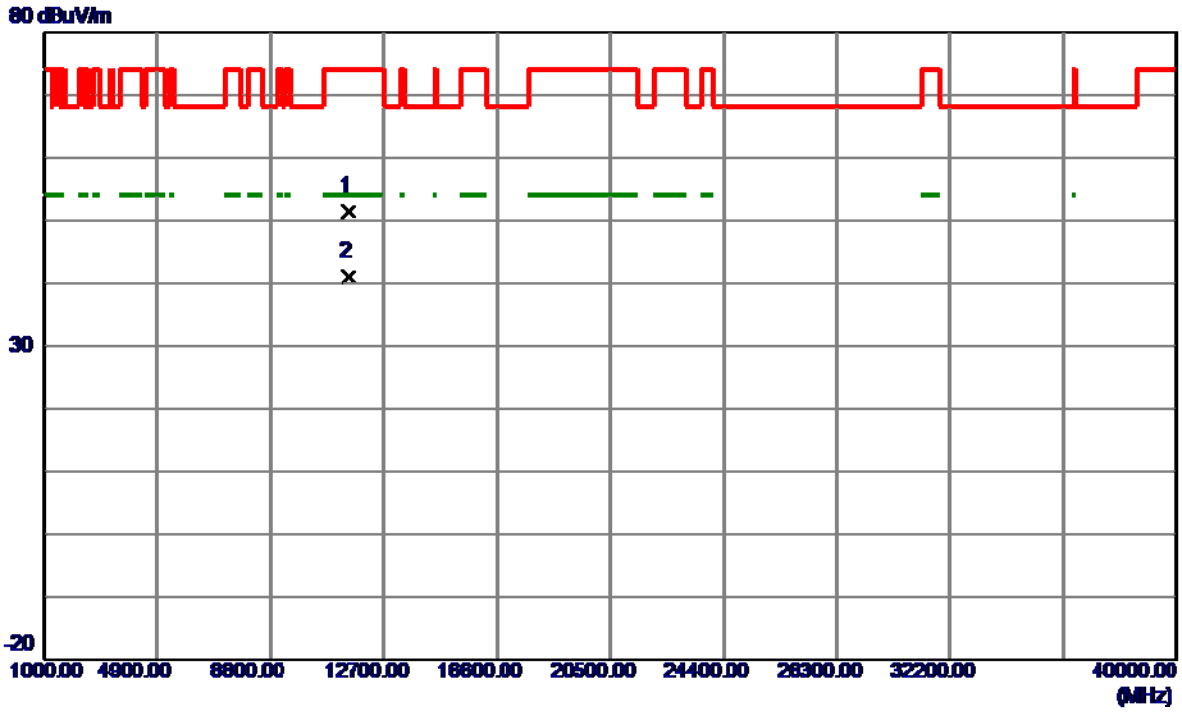
Test Mode	UNII-3_TX AC(VHT80) Mode 5775 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5649.8000	53.81	12.80	66.61	68.20	-1.59	Peak	
2	5715.0000	66.01	13.01	79.02	109.40	-30.38	Peak	
3	5725.0000	75.27	13.04	88.31	122.20	33.89	Peak	
4	5778.2000	96.88	13.20	110.08	122.20	-12.12	Peak	No Limit
5	5850.0000	70.51	13.43	83.94	122.20	-38.26	Peak	
6	5860.0000	65.62	13.46	79.08	109.40	-30.32	Peak	

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

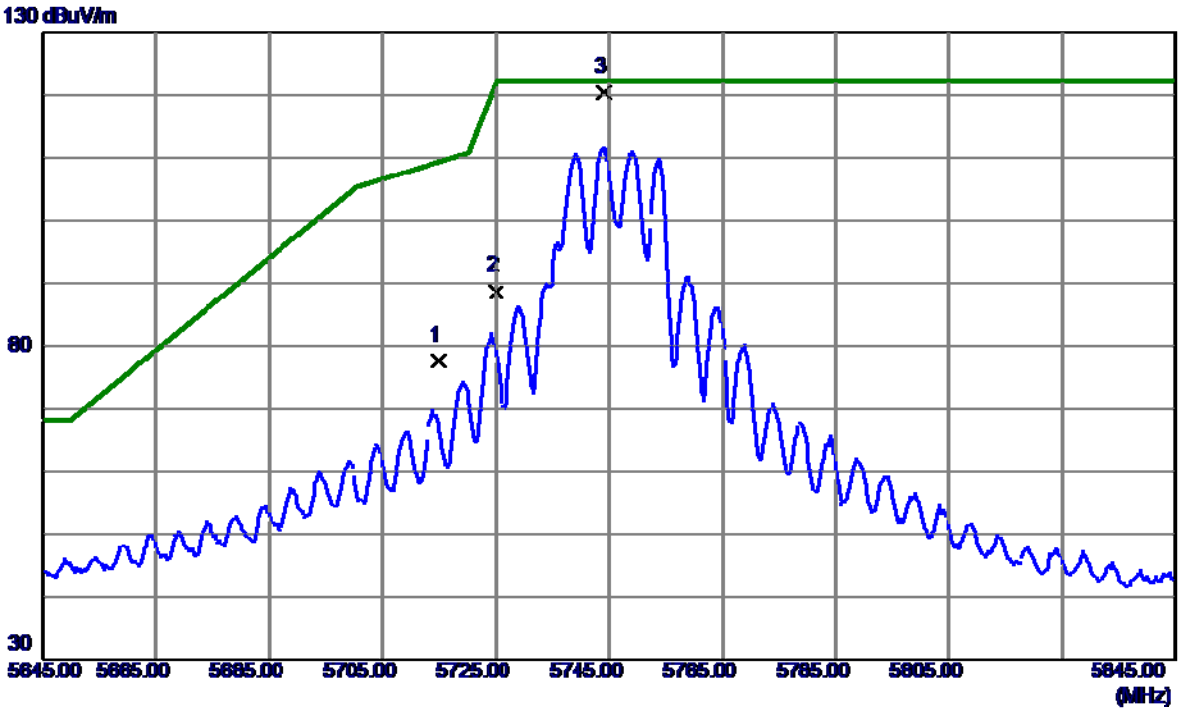
Test Mode	UNII-3_TX AX(HE20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.0000	44.38	7.11	51.49	74.00	-22.51	Peak	
2 *	11490.2500	33.85	7.11	40.96	54.00	-13.04	AVG	

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

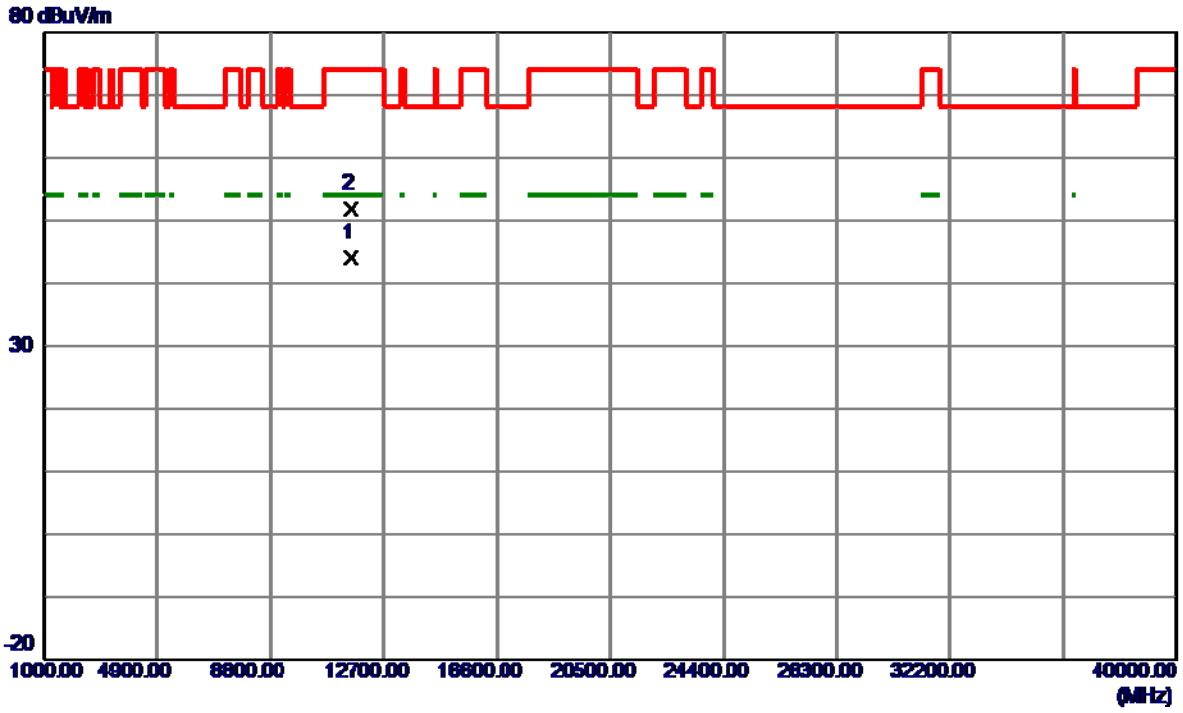
Test Mode	UNII-3_TX AX(HE20) Mode 5745 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	64.60	13.01	77.61	109.40	-31.79	Peak	
2	5725.0000	75.66	13.04	88.70	122.20	-33.50	Peak	
3 *	5744.1000	107.21	13.10	120.31	122.20	1.89	Peak	No Limit

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

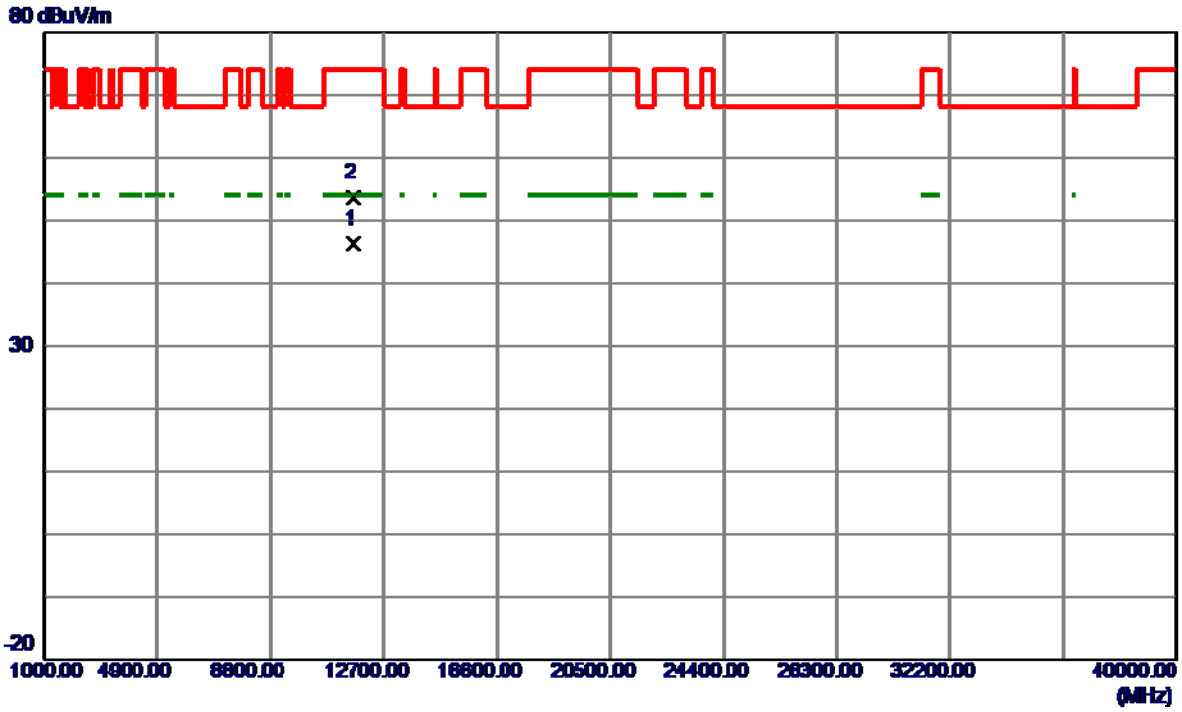
Test Mode	UNII-3_TX AX(HE20) Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.5000	36.81	7.22	44.03	54.00	-9.97	AVG	
2	11576.0000	44.54	7.23	51.77	74.00	-22.23	Peak	

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

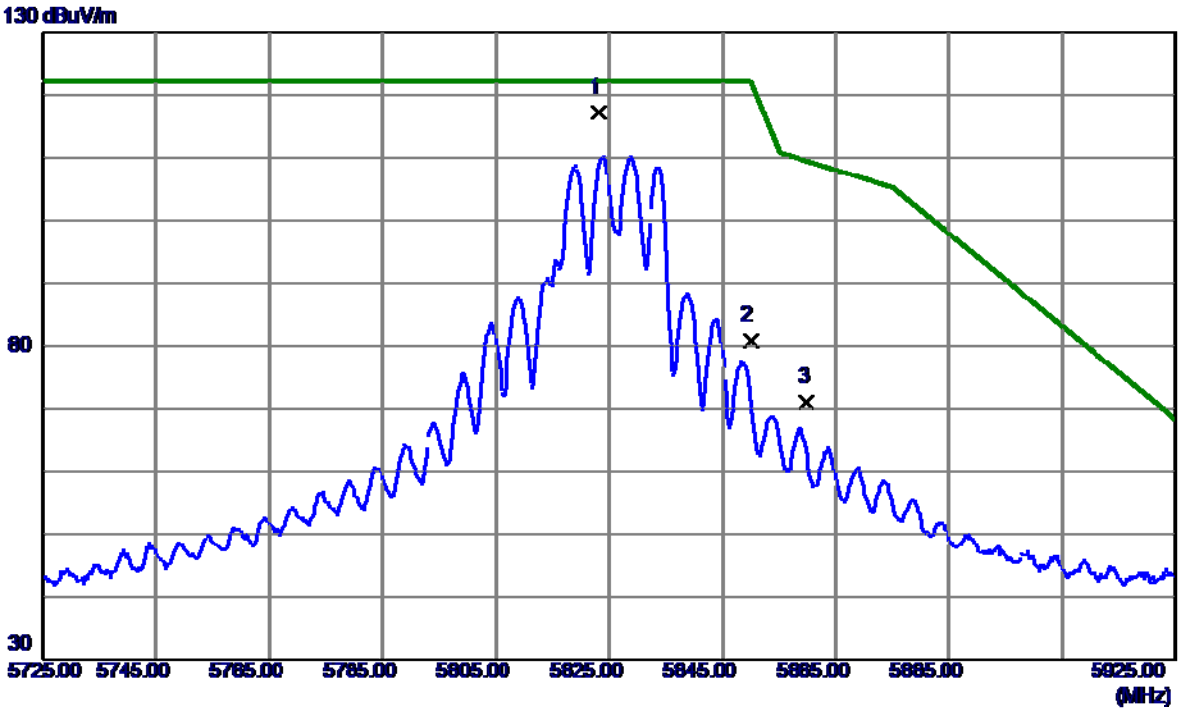
Test Mode	UNII-3_TX AX(HE20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11651.0000	38.79	7.33	46.12	54.00	-7.88	AVG	
2	11663.0000	46.27	7.34	53.61	74.00	-20.39	Peak	

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

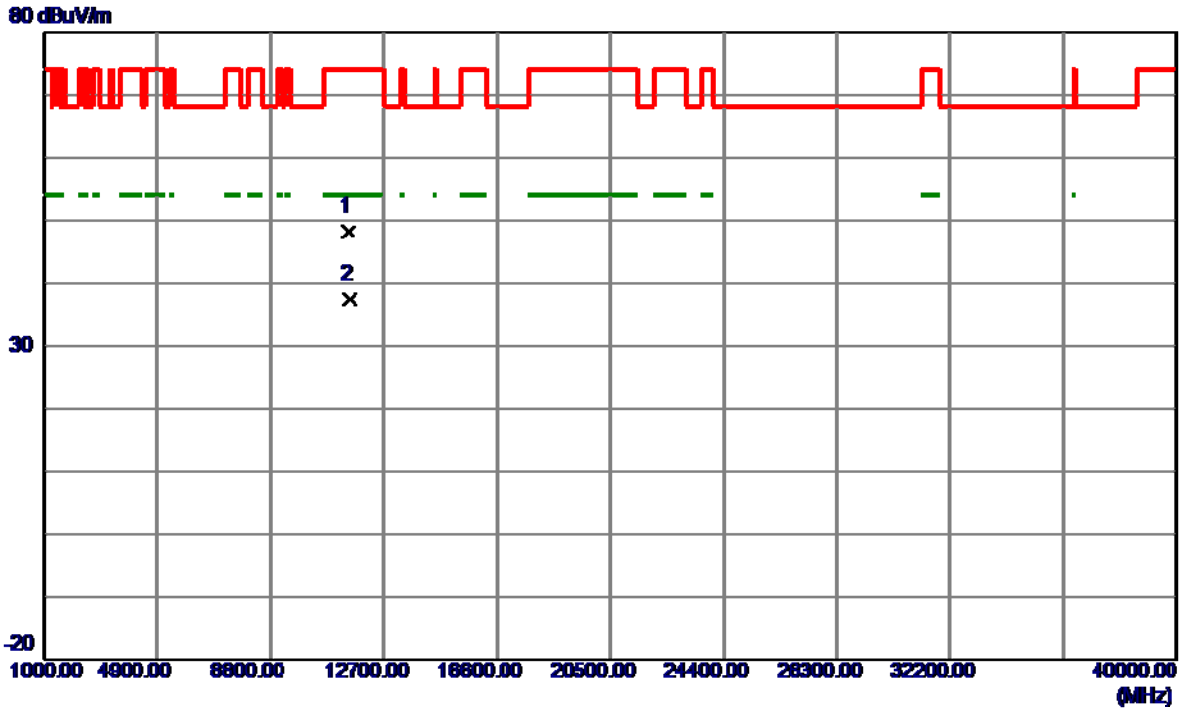
Test Mode	UNII-3_TX AX(HE20) Mode 5825 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5823.2000	103.77	13.34	117.11	122.20	-5.09	Peak	No Limit
2	5850.0000	67.42	13.43	80.85	122.20	-41.35	Peak	
3	5860.0000	57.50	13.46	70.96	109.40	38.44	Peak	

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

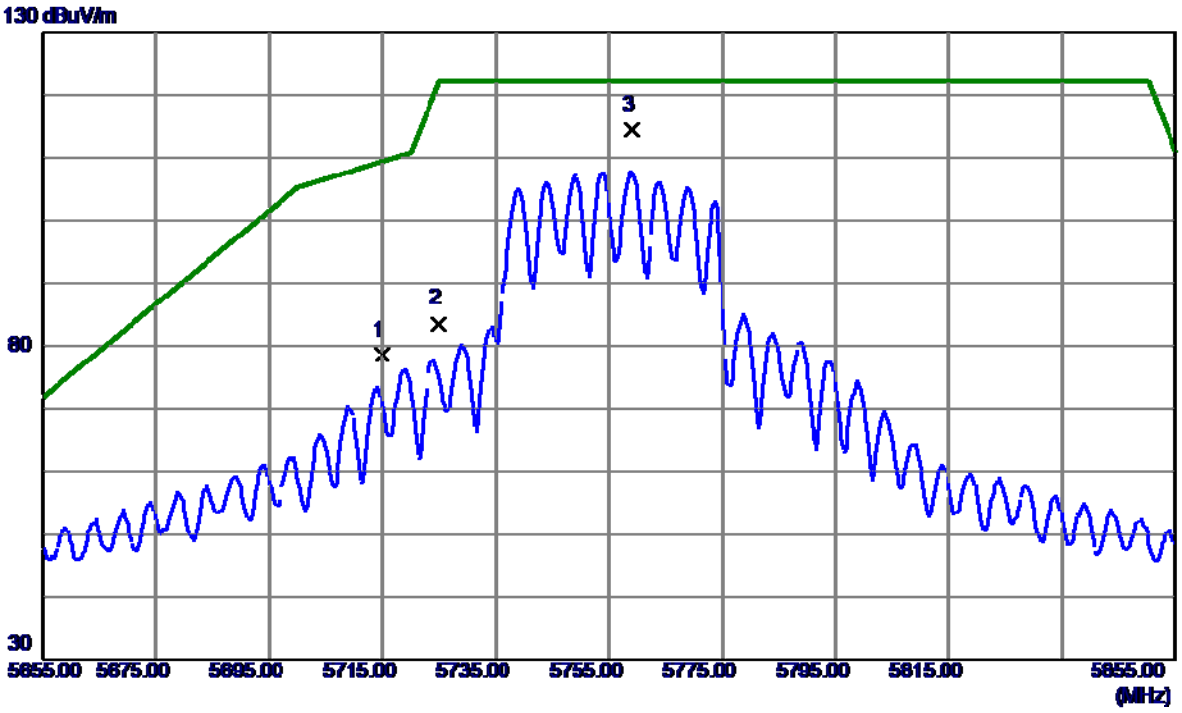
Test Mode	UNII-3_TX AX(HE40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11501.0000	41.14	7.14	48.28	74.00	-25.72	Peak	
2 *	11515.5000	30.31	7.15	37.46	54.00	-16.54	AVG	

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

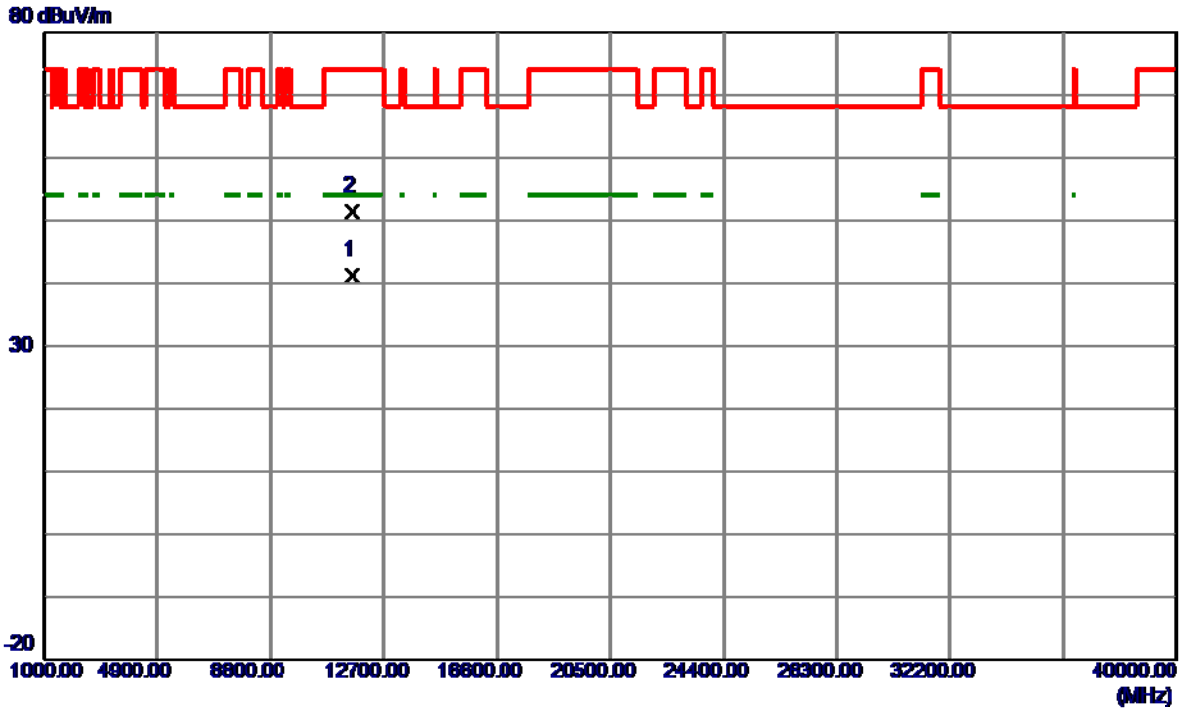
Test Mode	UNII-3_TX AX(HE40) Mode 5755 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	65.49	13.01	78.50	109.40	-30.90	Peak	
2	5725.0000	70.46	13.04	83.50	122.20	-38.70	Peak	
3 *	5759.0000	101.26	13.14	114.40	122.20	7.80	Peak	No Limit

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

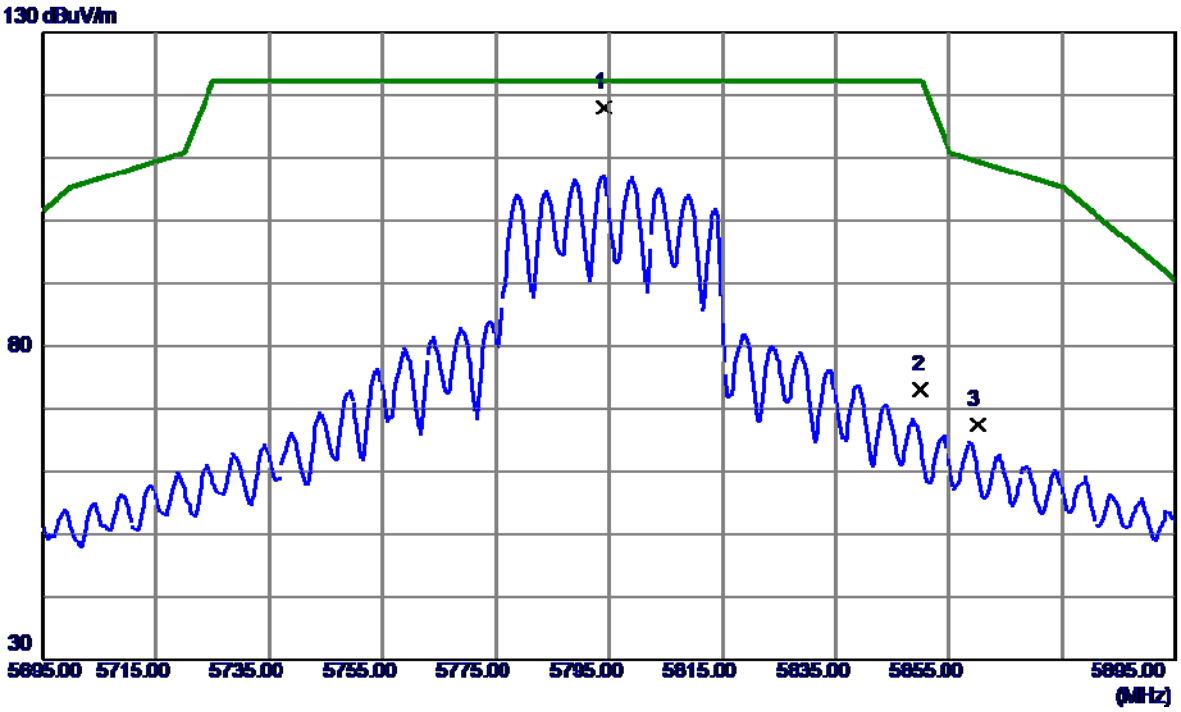
Test Mode	UNII-3_TX AX(HE40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11601.0000	33.92	7.26	41.18	54.00	-12.82	AVG	
2	11606.0000	44.08	7.27	51.35	74.00	-22.65	Peak	

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

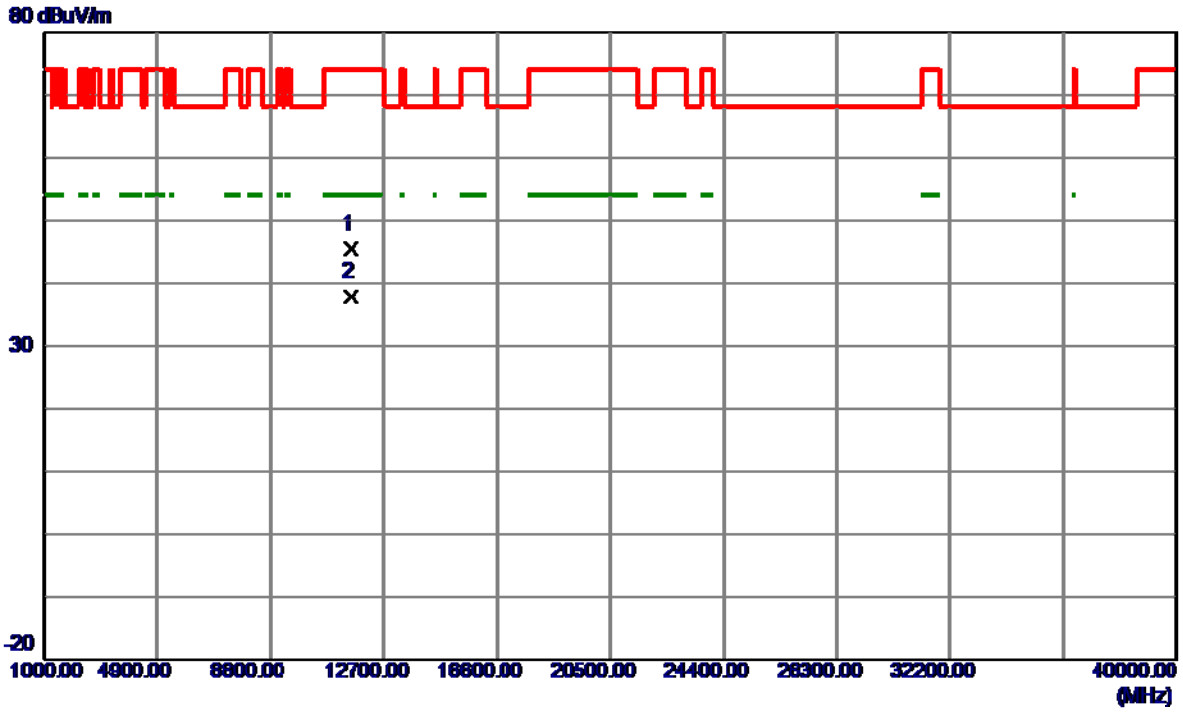
Test Mode	UNII-3_TX AX(HE40) Mode 5795 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5794.2000	104.65	13.25	117.90	122.20	-4.30	Peak	No Limit
2	5850.0000	59.48	13.43	72.91	122.20	-49.29	Peak	
3	5860.0000	54.00	13.46	67.46	109.40	41.94	Peak	

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

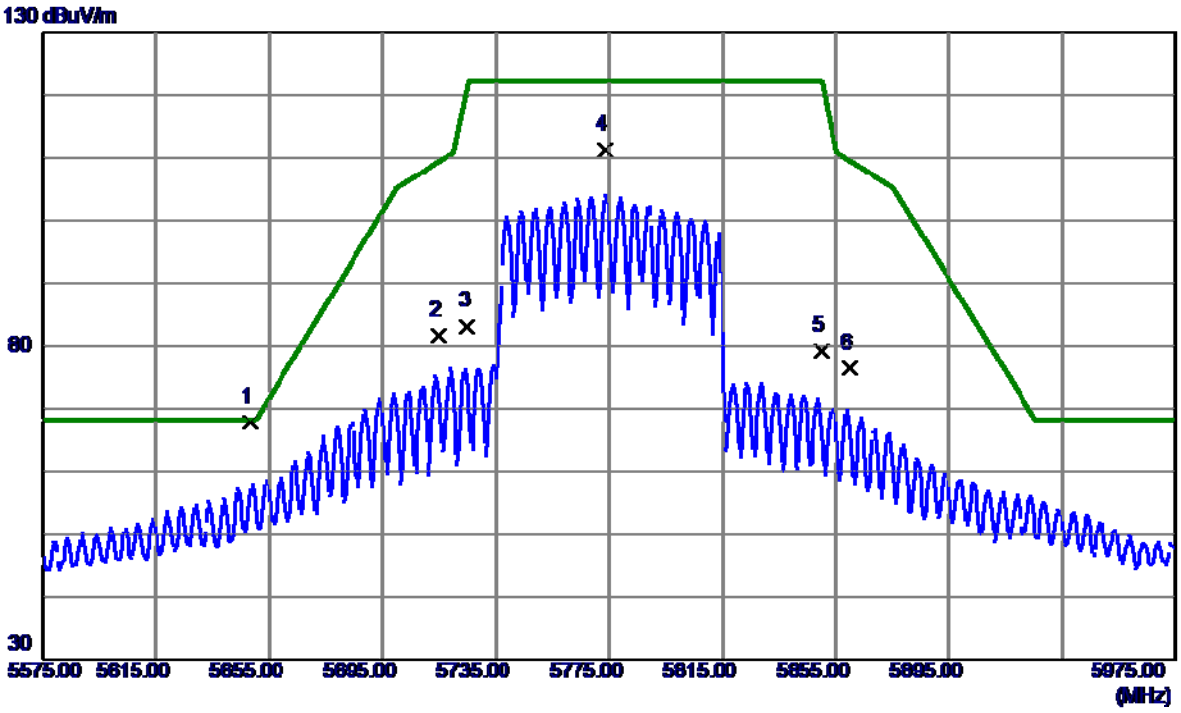
Test Mode	UNII-3_TX AX(HE80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11564.0000	38.16	7.22	45.38	74.00	-28.62	Peak	
2 *	11565.5000	30.52	7.22	37.74	54.00	-16.26	AVG	

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

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



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5648.4000	54.96	12.80	67.76	68.20	-0.44	Peak	
2	5715.0000	68.52	13.01	81.53	109.40	-27.87	Peak	
3	5725.0000	70.06	13.04	83.10	122.20	39.10	Peak	
4	5773.8000	97.98	13.19	111.17	122.20	-11.03	Peak	No Limit
5	5850.0000	65.85	13.43	79.28	122.20	-42.92	Peak	
6	5860.0000	62.85	13.46	76.31	109.40	-33.09	Peak	

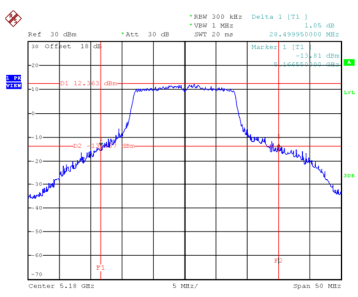
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	28.500	17.300
40	5200	30.150	17.400
48	5240	20.299	17.100

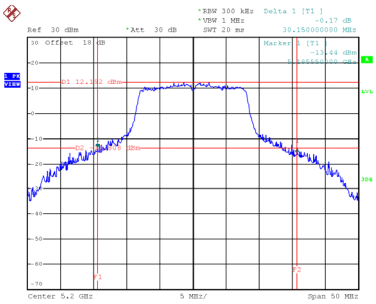
CH36



Date: 18.JAN.2024 10:51:08

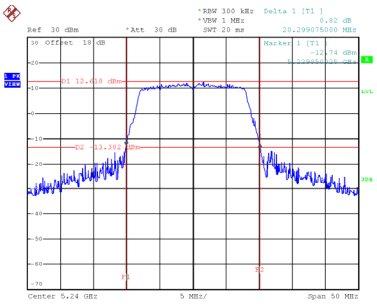
CH40

26 dB Bandwidth



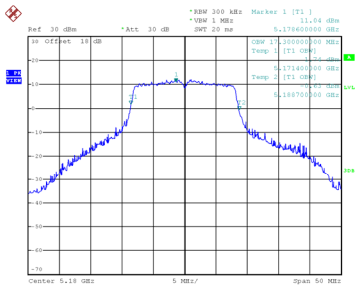
Date: 18.JAN.2024 10:52:23

CH48

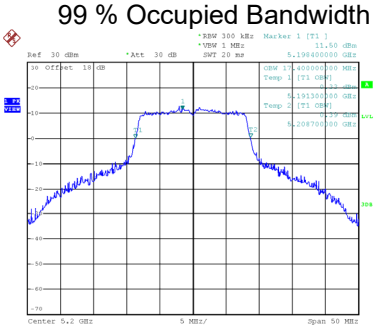


Date: 18.JAN.2024 10:53:49

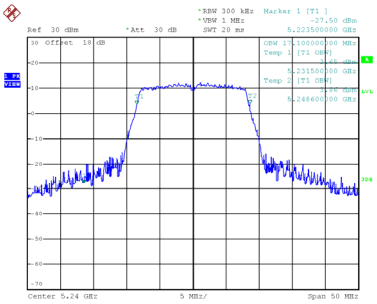
99 % Occupied Bandwidth



Date: 18.JAN.2024 10:50:44



Date: 18.JAN.2024 10:51:59

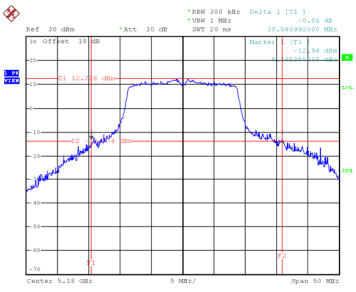


Date: 18.JAN.2024 10:53:21

Test Mode	UNII-1_TX AC(VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	30.589	18.400
40	5200	32.250	18.500
48	5240	21.399	18.000

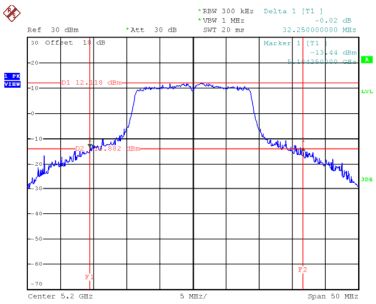
CH36



Date: 18.JAN.2024 14:28:09

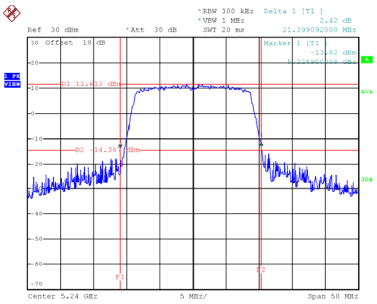
CH40

26 dB Bandwidth



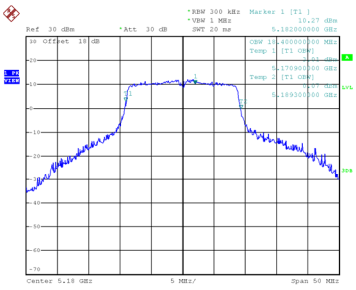
Date: 18.JAN.2024 14:29:08

CH48

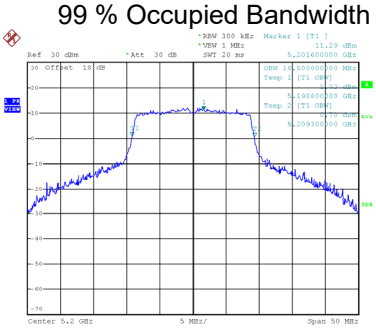


Date: 18.JAN.2024 14:31:17

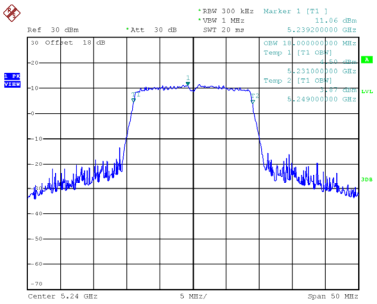
99 % Occupied Bandwidth



Date: 18.JAN.2024 14:27:44



Date: 18.JAN.2024 14:28:42

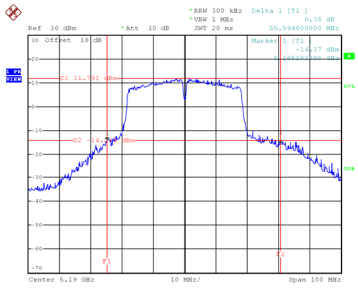


Date: 18.JAN.2024 14:30:51

Test Mode	UNII-1_TX AC(VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
38	5190	55.594	37.400
46	5230	46.800	37.200

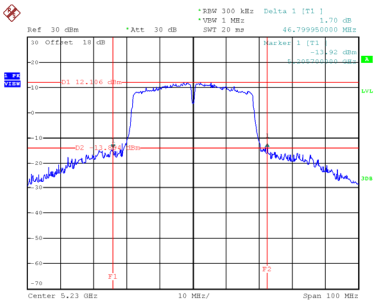
CH38



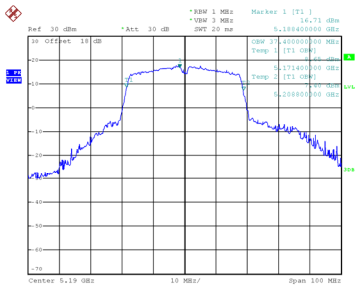
Date: 19.JAN.2024 09:14:24

CH46

26 dB Bandwidth

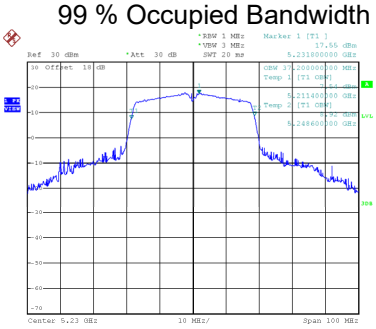


Date: 19.JAN.2024 09:15:29



Date: 19.JAN.2024 09:13:33

99 % Occupied Bandwidth



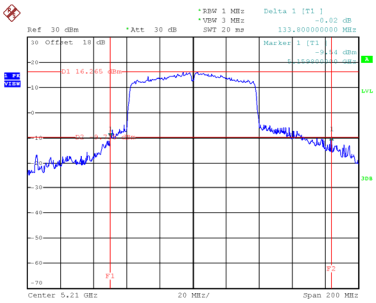
Date: 19.JAN.2024 09:15:03

Test Mode	UNII-1_TX AC(VHT80) Mode

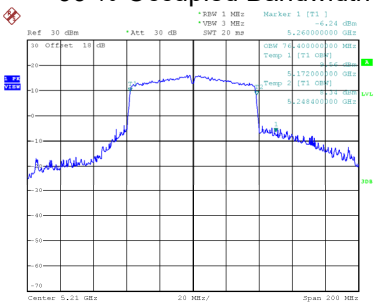
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
42	5210	133.800	76.400

CH42

26 dB Bandwidth



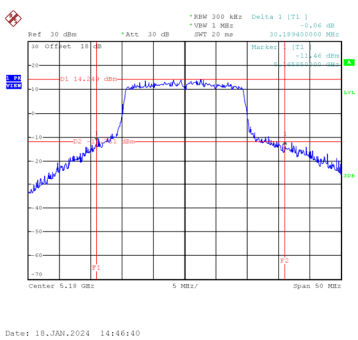
99 % Occupied Bandwidth



Test Mode	UNII-1_TX AX(HE20) Mode

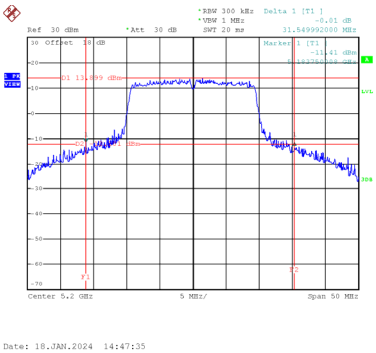
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	30.189	19.300
40	5200	31.550	19.400
48	5240	20.250	19.000

CH36

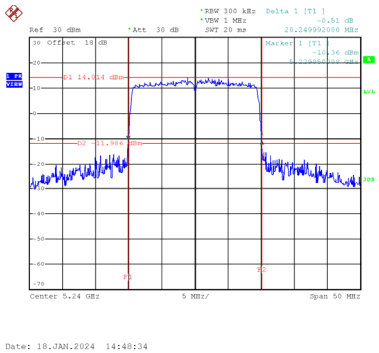


CH40

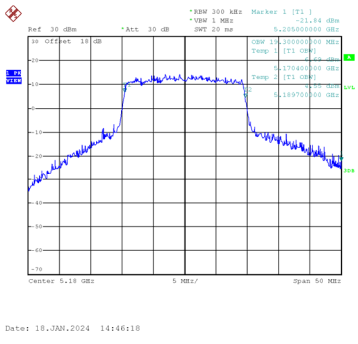
26 dB Bandwidth

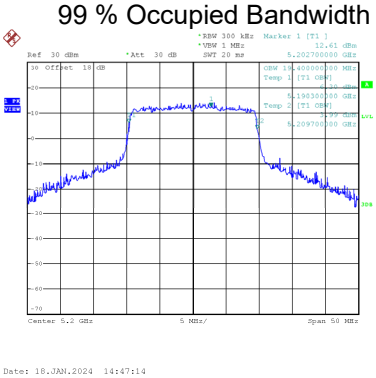


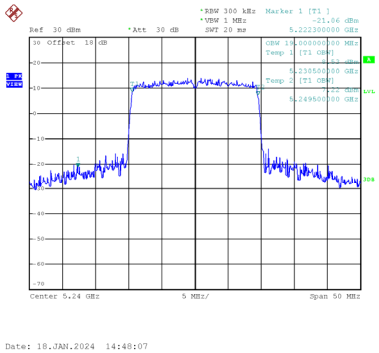
CH48



99 % Occupied Bandwidth



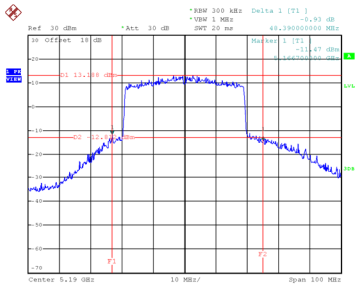




Test Mode	UNII-1_TX AX(HE40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
38	5190	48.390	38.200
46	5230	39.700	38.000

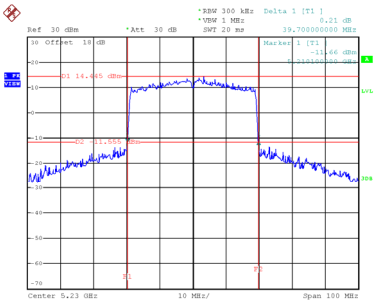
CH38



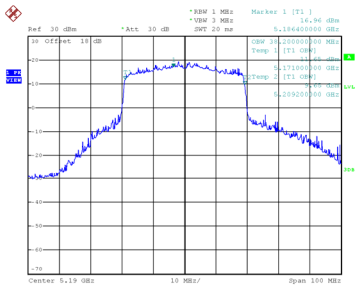
Date: 19.JAN.2024 09:56:52

CH46

26 dB Bandwidth

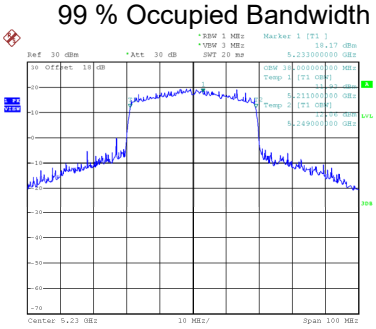


Date: 19.JAN.2024 09:58:00



Date: 19.JAN.2024 09:56:12

99 % Occupied Bandwidth



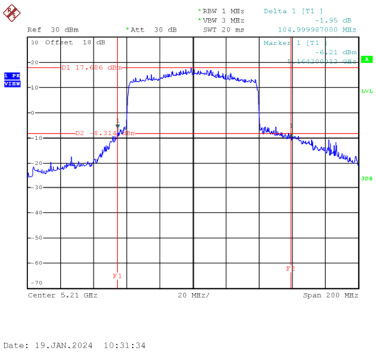
Date: 19.JAN.2024 09:57:34

Test Mode	UNII-1_TX AX(HE80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
42	5210	105.000	78.000

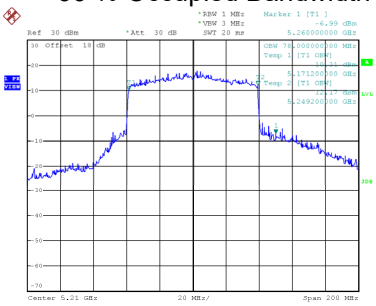
CH42

26 dB Bandwidth



Date: 19.JAN.2024 10:31:34

99 % Occupied Bandwidth

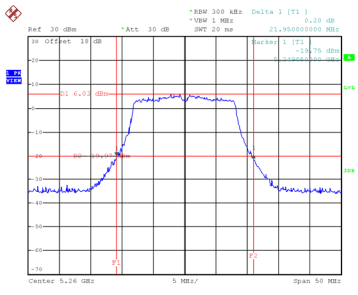


Date: 19.JAN.2024 10:31:05

Test Mode	UNII-2A_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	21.950	16.900
60	5300	29.300	17.400
64	5320	29.950	17.300

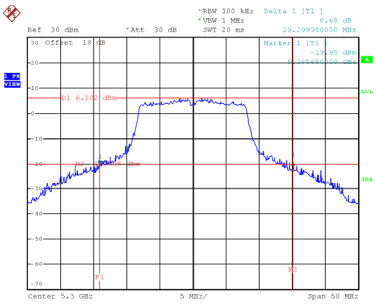
CH52



Date: 18.JAN.2024 11:03:38

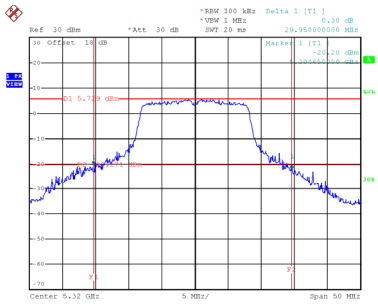
CH60

26 dB Bandwidth



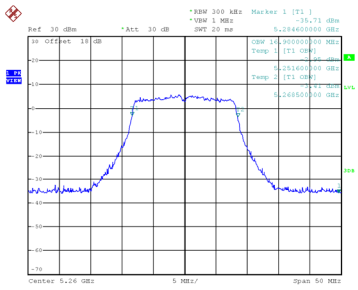
Date: 18.JAN.2024 11:09:55

CH64

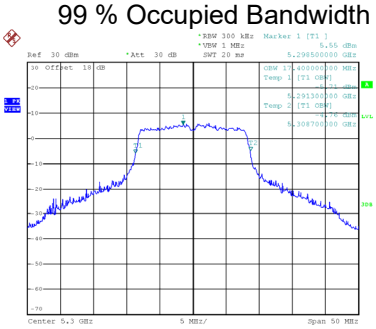


Date: 18.JAN.2024 11:14:16

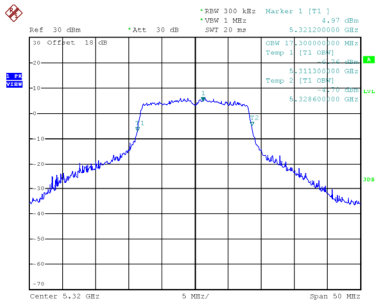
99 % Occupied Bandwidth



Date: 18.JAN.2024 11:03:12



Date: 18.JAN.2024 11:09:25

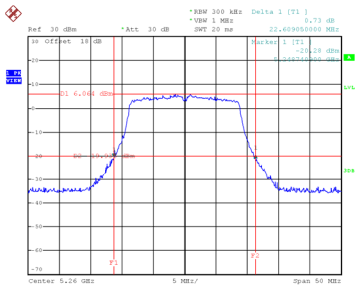


Date: 18.JAN.2024 11:13:50

Test Mode	UNII-2A_TX AC(VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	22.609	18.000
60	5300	34.099	18.400
64	5320	30.890	18.500

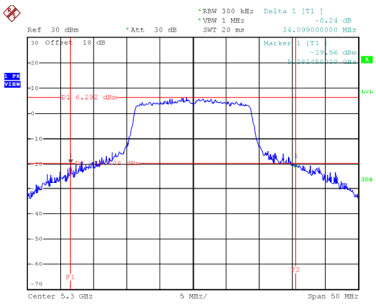
CH52



Date: 18.JAN.2024 14:33:33

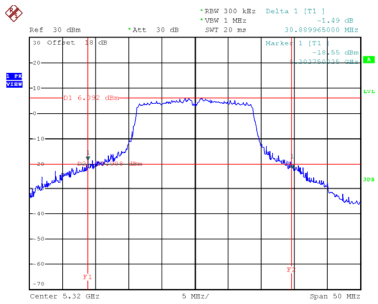
CH60

26 dB Bandwidth

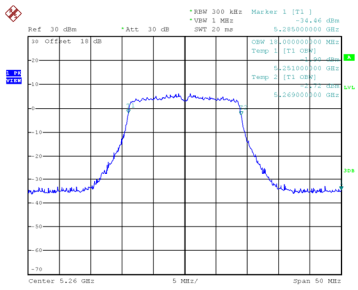


Date: 18.JAN.2024 14:35:33

CH64

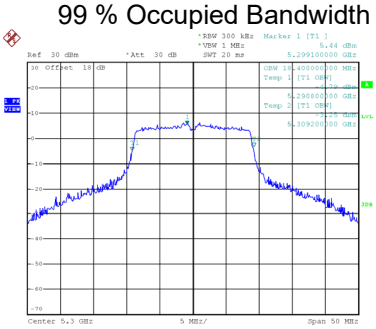


Date: 18.JAN.2024 14:36:32

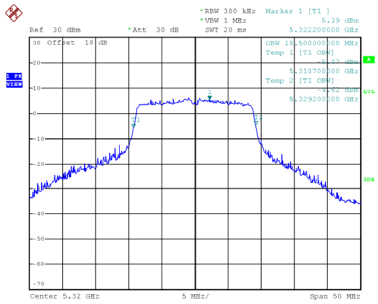


Date: 18.JAN.2024 14:33:07

99 % Occupied Bandwidth



Date: 18.JAN.2024 14:35:13

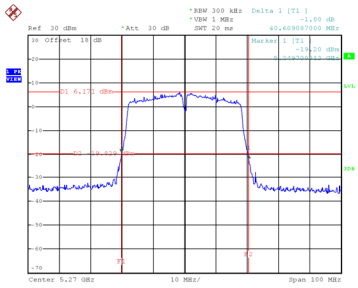


Date: 18.JAN.2024 14:36:07

Test Mode	UNII-2A_TX AC(VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
54	5270	40.609	36.800
62	5310	50.207	37.200

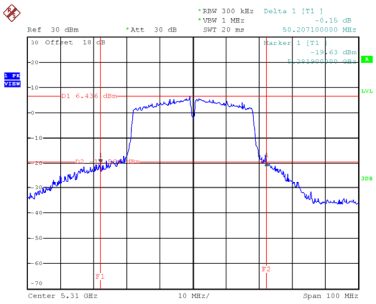
CH54



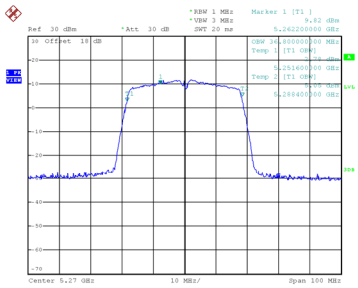
Date: 19.JAN.2024 09:17:09

CH62

26 dB Bandwidth

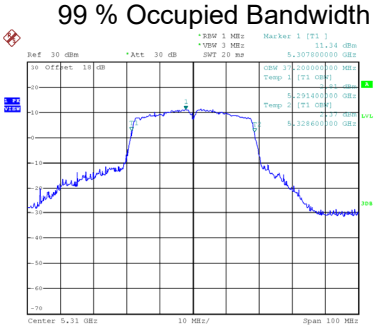


Date: 19.JAN.2024 09:18:23



Date: 19.JAN.2024 09:16:32

99 % Occupied Bandwidth



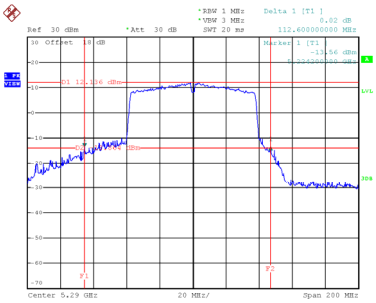
Date: 19.JAN.2024 09:17:49

Test Mode	UNII-2A_TX AC(VHT80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
58	5290	112.600	76.000

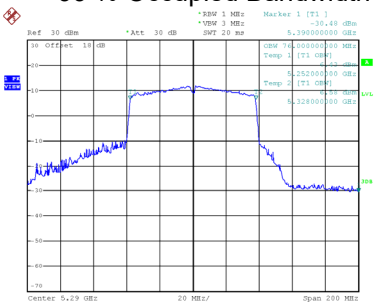
CH58

26 dB Bandwidth



Date: 19.JAN.2024 09:38:12

99 % Occupied Bandwidth

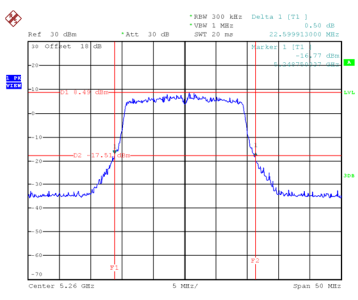


Date: 19.JAN.2024 09:37:44

Test Mode	UNII-2A_TX AX(HE20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	22.600	19.200
60	5300	26.799	19.400
64	5320	28.999	19.400

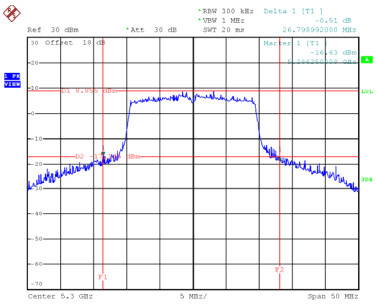
CH52



Date: 18.JAN.2024 14:50:46

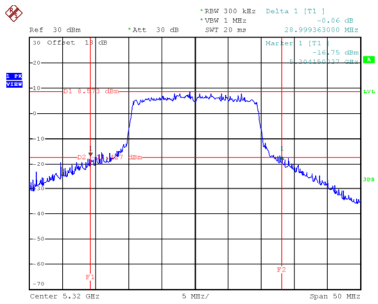
CH60

26 dB Bandwidth

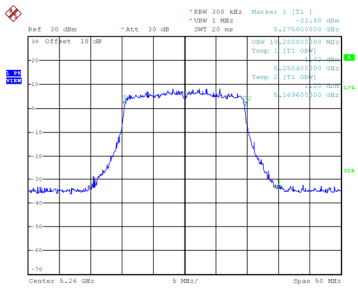


Date: 18.JAN.2024 14:52:48

CH64

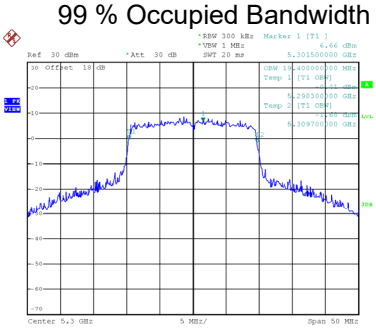


Date: 18.JAN.2024 14:53:59

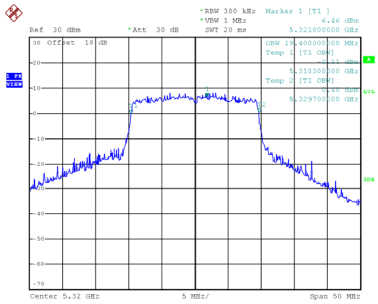


Date: 18.JAN.2024 14:50:18

99 % Occupied Bandwidth



Date: 18.JAN.2024 14:52:22

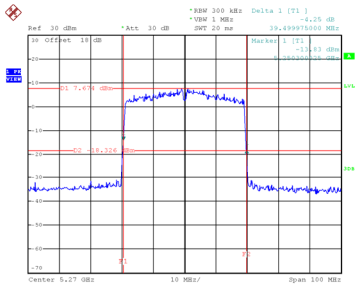


Date: 18.JAN.2024 14:53:35

Test Mode	UNII-2A_TX AX(HE40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
54	5270	39.500	38.000
62	5310	47.590	38.200

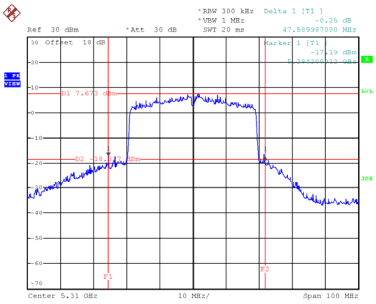
CH54



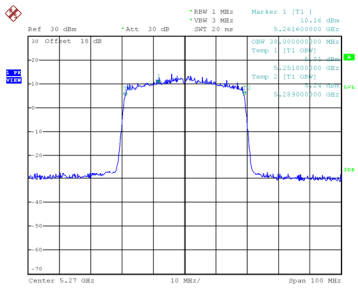
Date: 19.JAN.2024 09:59:21

CH62

26 dB Bandwidth

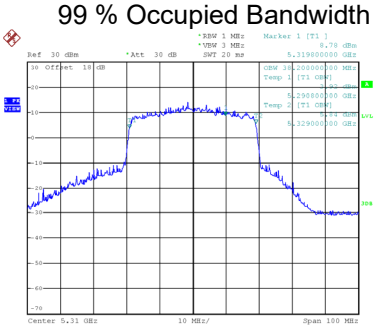


Date: 19.JAN.2024 10:00:38



Date: 19.JAN.2024 09:58:43

99 % Occupied Bandwidth



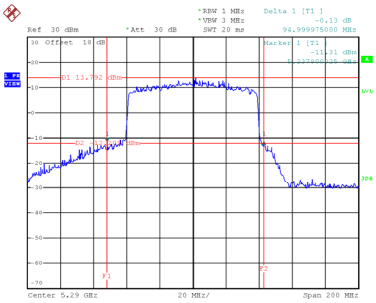
Date: 19.JAN.2024 10:00:00

Test Mode	UNII-2A_TX AX(HE80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
58	5290	95.000	77.600

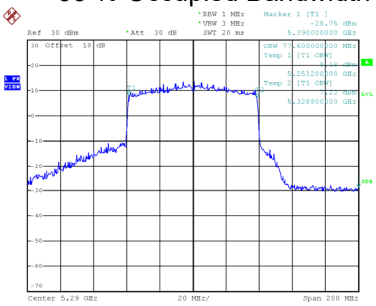
CH58

26 dB Bandwidth



Date: 19.JAN.2024 10:34:42

99 % Occupied Bandwidth



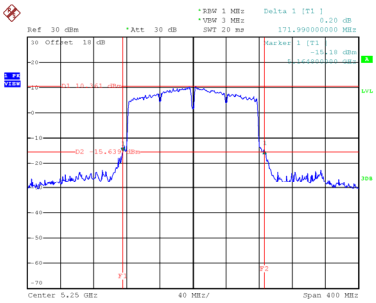
Date: 19.JAN.2024 10:33:58

Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode

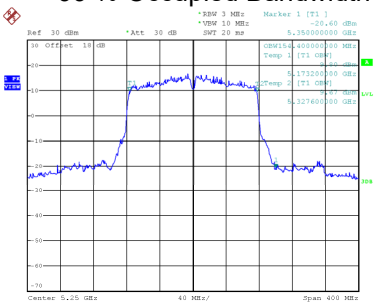
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
50	5250	171.990	154.400

CH50

26 dB Bandwidth



99 % Occupied Bandwidth

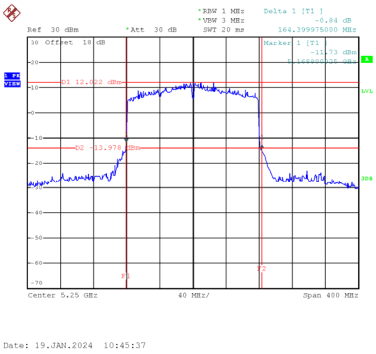


Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
50	5250	164.400	156.000

CH50

26 dB Bandwidth



99 % Occupied Bandwidth