Certificate #7130.01

FCC Radio Test Report

FCC ID: 2BCGWHB710

This report concerns: Original Grant

Project No.	:	2405G048
Equipment	:	1) BE21000 Whole Home Mesh Wi-Fi 7 AP 2) BE18000 Whole Home Mesh Wi-Fi 7 AP
Brand Name	:	tp-link
Test Model	:	1) HB710
Series Model	:	2) Hexagon PB70
Applicant	:	TP-LINK CORPORATION PTE. LTD.
Address	:	7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987
Manufacturer	:	TP-LINK CORPORATION PTE. LTD.
Address	:	7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987
Date of Receipt	:	May 15, 2024
Date of Test	:	May 17, 2024 ~ Jul. 12, 2024
Issued Date	:	Jul. 22, 2024
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SSL2024051599 for Radiated Emissions and AC Power Line Conducted Emissions, SSL20240515100 for Conducted.
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart E

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

Prepared by : Grani Zhou
Grani Zhou

Approved by : Chay . Cai
Chay Cai

Room 108, Building 2, No.1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong, People's Republic of China.
Tel: +86-769-8318-3000 Web: www.newbtl.com Service mail: btl_qa@newbtl.com

Declaration

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

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

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

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-2-2405G048	R00	Original Report.	Jul. 22, 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 A2LA:
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	N/A	------
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	------	**NOTE (2)**	------
15.203	Antenna Requirements	------	PASS	**NOTE (3)**
15.407(c)	Automatically Discontinue Transmission	------	PASS	**NOTE (4)**

Note:
(1) “N/A” denotes test is not applicable in this test report.
(2) The item is declared by the manufacturer.
(3) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
(4) 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.
(5) 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 is at the location of No.3, Jinshagang 1st Road, Dalang, Dongguan City, Guangdong People's Republic of China.
BTL's Registration Number for FCC: 747969
BTL's Designation Number for FCC: CN1377

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	2.70

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

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

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

C. Other Measurement test:

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

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

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
AC Power Line Conducted Emissions	25°C	46%	AC 120V/60Hz	Hayden Chen	May 24, 2024
Radiated Emissions -9kHz to 30MHz	23°C	42%	AC 120V/60Hz	Hayden Chen	Jun. 13, 2024
Radiated Emissions -30MHz to 1000MHz	24°C	56%	AC 120V/60Hz	Allen Tong	Jun. 18, 2024
Radiated Emissions -Above 1000 MHz	24-28°C	54-60%	AC 120V/60Hz	Terry Deng Allen Tong Jensen Zhou Chen Mo	Jun. 16, 2024- Jul. 11, 2024
Bandwidth	24°C	61%	AC 120V/60Hz	Parker Yang	Jun. 27, 2024- Jul. 03, 2024
Maximum Output Power	23-26°C	48-51%	AC 120V/60Hz	Steve Zhou Brand Duan	May 30, 2024- Jul. 11, 2024
Power Spectral Density	23-24°C	47-61%	AC 120V/60Hz	Parker Yang Steve Zhou	Jun. 23, 2024- Jul. 04, 2024

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	1) BE21000 Whole Home Mesh Wi-Fi 7 AP 2) BE18000 Whole Home Mesh Wi-Fi 7 AP
Brand Name	tp-link
Test Model	1) HB710
Series Model	2) Hexagon PB70
Model Difference(s)	Only differ in model name and product name.
Software Version	V1.0
Hardware Version	V1.0
Power Source	DC voltage supplied from AC adapter. Model: T120330-2B4
Power Rating	I/P: 100-240V~ 50/60Hz 1A O/P: 12.0V⎓3.3A
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/be: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 600 Mbps IEEE 802.11ac: up to 3466.8 Mbps IEEE 802.11ax: up to 4804 Mbps IEEE 802.11be: up to 5764 Mbps
Maximum Output Power _UNII-1 Non Beamforming	**NSS1:** IEEE 802.11ax(HE40): 28.10 dBm (0.6457 W) **NSS4:** IEEE 802.11ax(HE40): 29.37 dBm (0.8650 W)
Maximum Output Power _UNII-2A Non Beamforming	**NSS1:** IEEE 802.11be(EHT80): 23.18 dBm (0.2080 W) **NSS4:** IEEE 802.11be(EHT40): 23.50 dBm (0.2239 W)
Maximum Output Power _UNII-2C Non Beamforming	**NSS1:** IEEE 802.11be(EHT80): 23.45 dBm (0.2213 W) **NSS4:** IEEE 802.11be(EHT40): 23.64 dBm (0.2312 W)
Maximum Output Power _UNII-3 Non Beamforming	IEEE 802.11a: 29.71 dBm (0.9354 W)
Maximum Output Power _UNII-1 Beamforming	IEEE 802.11ac(VHT80): 26.69 dBm (0.4667 W)
Maximum Output Power _UNII-2A Beamforming	IEEE 802.11ac(VHT40): 20.61 dBm (0.1151 W)
Maximum Output Power _UNII-2C Beamforming	IEEE 802.11be(EHT40): 20.75 dBm (0.1189 W)
Maximum Output Power _UNII-3 Beamforming	IEEE 802.11ax(HE20): 26.89 dBm (0.4887 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 802.11be(EHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	
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 802.11be(EHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	
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 802.11be(EHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	
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) IEEE 802.11be(EHT160)	
Channel	Frequency (MHz)
50	5250
114	5570

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-LINK	3101506916	Dipole	N/A	2.97
2	TP-LINK	3101506913	Dipole	N/A	2.56
3	TP-LINK	3101506917	Dipole	N/A	2.77
4	TP-LINK	3101506915	Dipole	N/A	2.92

Note:

1) This EUT supports CDD, and all antenna gains are not equal, Directional gain = G_{ANT} + Array Gain,
For Power measurement, Array Gain = 0 dB($N_{ANT} \leq 4$), so Directional gain=2.97+0=2.97.
For Power Spectral Density measurement, N_{ANT} =4, N_{SS} =1 and N_{SS} =4 ,
So the NSS1 Directional gain= G_{ANT} + Array Gain = G_{ANT} + 10 log(N_{ANT}/N_{ss}) =2.97+10 log(4/1)=9.
Then, the UNII-1 power spectral density limit is 17-(9-6)=14, the UNII-2A, UNII-2C power spectral density limit is 11-(9-6)=8, the UNII-3 power spectral density limit is 30-(9-6)=27.
The NSS4 Directional gain= G_{ANT} + Array Gain = G_{ANT} + 10 log(N_{ANT}/N_{ss}) =2.97+10 log(4/4)=2.97.
2) The beamforming gain is 6dB. So Directional gain=2.97+6=8.97dBi.
So, the UNII-1 and UNII-3 output power limit is 30-(8.97-6)=27, UNII-2A and UNII-2C output power limit is 23.98-(8.97-6)=21.

4. Table for Antenna Configuration:

For Non Beamforming:

Operating Mode / TX Mode	4TX
IEEE 802.11a	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11n(HT20)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11n(HT40)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ac(VHT20)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ac(VHT40)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ac(VHT80)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ac(VHT160)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ax(HE20)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ax(HE40)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ax(HE80)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ax(HE160)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11be(EHT20)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11be(EHT40)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11be(EHT80)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11be(EHT160)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)

For Beamforming:

Operating Mode / TX Mode	4TX
IEEE 802.11n(HT20)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11n(HT40)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ac(VHT20)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ac(VHT40)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ac(VHT80)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ac(VHT160)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ax(HE20)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ax(HE40)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ax(HE80)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11ax(HE160)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11be(EHT20)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11be(EHT40)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11be(EHT80)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)
IEEE 802.11be(EHT160)	V (Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4)

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 BE(EHT20) Mode Channel 36/40/48 (UNII-1)
Mode 9	TX BE(EHT40) Mode Channel 38/46 (UNII-1)
Mode 10	TX BE(EHT80) Mode Channel 42 (UNII-1)
Mode 11	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 12	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 15	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 16	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 17	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 18	TX BE(EHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 19	TX BE(EHT40) Mode Channel 54/62 (UNII-2A)
Mode 20	TX BE(EHT80) Mode Channel 58 (UNII-2A)
Mode 21	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 22	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 23	TX BE(EHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 24	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 25	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 26	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 27	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 28	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 29	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 30	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 31	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 32	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 33	TX BE(EHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 34	TX BE(EHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 35	TX BE(EHT80) Mode Channel 106/122/138 (UNII-2C)

Pretest Mode	Description
Mode 36	TX BE(EHT160) Mode Channel 114 (UNII-2C)
Mode 37	TX A Mode Channel 149/157/165 (UNII-3)
Mode 38	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 41	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 42	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 43	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 44	TX BE(EHT20) Mode Channel 149/157/165 (UNII-3)
Mode 45	TX BE(EHT40) Mode Channel 151/159 (UNII-3)
Mode 46	TX BE(EHT80) Mode Channel 155 (UNII-3)
Mode 47	TX A Mode Channel 157 (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 47	TX A Mode Channel 157 (UNII-3)

Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 47	TX A Mode Channel 157 (UNII-3)

Radiated Emissions Test - Above 1GHz_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX BE(EHT20) Mode Channel 36/40/48 (UNII-1)
Mode 9	TX BE(EHT40) Mode Channel 38/46 (UNII-1)
Mode 10	TX BE(EHT80) Mode Channel 42 (UNII-1)
Mode 11	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 12	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 15	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)

Radiated Emissions Test - Above 1GHz_Non Beamforming	
Final Test Mode	Description
Mode 16	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 17	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 18	TX BE(EHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 19	TX BE(EHT40) Mode Channel 54/62 (UNII-2A)
Mode 20	TX BE(EHT80) Mode Channel 58 (UNII-2A)
Mode 21	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 22	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 23	TX BE(EHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 24	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 25	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 26	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 27	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 28	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 29	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 30	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 31	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 32	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 33	TX BE(EHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 34	TX BE(EHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 35	TX BE(EHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 36	TX BE(EHT160) Mode Channel 114 (UNII-2C)
Mode 37	TX A Mode Channel 149/157/165 (UNII-3)
Mode 38	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 41	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 42	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 43	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 44	TX BE(EHT20) Mode Channel 149/157/165 (UNII-3)
Mode 45	TX BE(EHT40) Mode Channel 151/159 (UNII-3)
Mode 46	TX BE(EHT80) Mode Channel 155 (UNII-3)

Output Power Test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX BE(EHT20) Mode Channel 36/40/48 (UNII-1)
Mode 9	TX BE(EHT40) Mode Channel 38/46 (UNII-1)
Mode 10	TX BE(EHT80) Mode Channel 42 (UNII-1)
Mode 11	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 12	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 15	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 16	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 17	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 18	TX BE(EHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 19	TX BE(EHT40) Mode Channel 54/62 (UNII-2A)
Mode 20	TX BE(EHT80) Mode Channel 58 (UNII-2A)
Mode 21	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 22	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 23	TX BE(EHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 24	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 25	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 26	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 27	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 28	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 29	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 30	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 31	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 32	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 33	TX BE(EHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 34	TX BE(EHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 35	TX BE(EHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 36	TX BE(EHT160) Mode Channel 114 (UNII-2C)
Mode 37	TX A Mode Channel 149/157/165 (UNII-3)
Mode 38	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)

Output Power Test_Non Beamforming	
Final Test Mode	Description
Mode 39	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 41	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 42	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 43	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 44	TX BE(EHT20) Mode Channel 149/157/165 (UNII-3)
Mode 45	TX BE(EHT40) Mode Channel 151/159 (UNII-3)
Mode 46	TX BE(EHT80) Mode Channel 155 (UNII-3)

Output Power Test_Beamforming	
Final Test Mode	Description
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX BE(EHT20) Mode Channel 36/40/48 (UNII-1)
Mode 9	TX BE(EHT40) Mode Channel 38/46 (UNII-1)
Mode 10	TX BE(EHT80) Mode Channel 42 (UNII-1)
Mode 12	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 15	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 16	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 17	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 18	TX BE(EHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 19	TX BE(EHT40) Mode Channel 54/62 (UNII-2A)
Mode 20	TX BE(EHT80) Mode Channel 58 (UNII-2A)
Mode 21	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 22	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 23	TX BE(EHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 25	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 26	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 27	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 28	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 29	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)

Output Power Test_Beamforming	
Final Test Mode	Description
Mode 30	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 31	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 32	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 33	TX BE(EHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 34	TX BE(EHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 35	TX BE(EHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 36	TX BE(EHT160) Mode Channel 114 (UNII-2C)
Mode 38	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 41	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 42	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 43	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 44	TX BE(EHT20) Mode Channel 149/157/165 (UNII-3)
Mode 45	TX BE(EHT40) Mode Channel 151/159 (UNII-3)
Mode 46	TX BE(EHT80) Mode Channel 155 (UNII-3)

Other Conducted Test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX BE(EHT20) Mode Channel 36/40/48 (UNII-1)
Mode 9	TX BE(EHT40) Mode Channel 38/46 (UNII-1)
Mode 10	TX BE(EHT80) Mode Channel 42 (UNII-1)
Mode 11	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 12	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 15	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 16	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 17	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 18	TX BE(EHT20) Mode Channel 52/60/64 (UNII-2A)

Other Conducted Test_Non Beamforming	
Final Test Mode	Description
Mode 19	TX BE(EHT40) Mode Channel 54/62 (UNII-2A)
Mode 20	TX BE(EHT80) Mode Channel 58 (UNII-2A)
Mode 21	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 22	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 23	TX BE(EHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 24	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 25	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 26	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 27	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 28	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 29	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 30	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 31	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 32	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 33	TX BE(EHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 34	TX BE(EHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 35	TX BE(EHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 36	TX BE(EHT160) Mode Channel 114 (UNII-2C)
Mode 37	TX A Mode Channel 149/157/165 (UNII-3)
Mode 38	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 41	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 42	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 43	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 44	TX BE(EHT20) Mode Channel 149/157/165 (UNII-3)
Mode 45	TX BE(EHT40) Mode Channel 151/159 (UNII-3)
Mode 46	TX BE(EHT80) Mode Channel 155 (UNII-3)

Note:
(1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX A Mode Channel 157 (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) For radiated emission Harmonic 18-40GHz test, only tested the worst case and recorded.
(4) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(5) 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.
(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 emission above 1GHz test, both Vertical and Horizontal are evaluated, only the worst case is recorded.
(8) The measurements for Output Power are tested, the NSS1 and NSS4 are recorded in the report. The worst case is NSS4 and only the worst case is documented for radiated emission above 1GHz.
(9) IEEE 802.11ax mode and IEEE 802.11be mode only supports full RU, so only the full RU is evaluated and measured inside report.

3.3 PARAMETERS OF TEST SOFTWARE

Non Beamforming
NSS1

UNII-1			
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	17.5	17.5	17.5
IEEE 802.11ac(VHT20)	18	18	18
IEEE 802.11ax(HE20)	18	18	18
IEEE 802.11be(EHT20)	18	18	18
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	19.5	21	
IEEE 802.11ax(HE40)	20	21.5	
IEEE 802.11be(EHT40)	19.5	21	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	21.5		
IEEE 802.11ax(HE80)	21		
IEEE 802.11be(EHT80)	21		

UNII-2A			
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	11.5	11.5	11.5
IEEE 802.11ac(VHT20)	12	11.5	11.5
IEEE 802.11ax(HE20)	12	11.5	11.5
IEEE 802.11be(EHT20)	12	11.5	11.5
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	15	15	
IEEE 802.11ax(HE40)	15	15	
IEEE 802.11be(EHT40)	15	15	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	16		
IEEE 802.11ax(HE80)	16		
IEEE 802.11be(EHT80)	16		

UNII-1+UNII-2A	
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	17
IEEE 802.11ax(HE160)	17
IEEE 802.11be(EHT160)	16.5

UNII-2C				
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt			
Frequency (MHz)	5500	5580	5700	5720
IEEE 802.11a	11.5	11.5	11.5	11.5
IEEE 802.11ac(VHT20)	11.5	11.5	11.5	11.5
IEEE 802.11ax(HE20)	11.5	11.5	11.5	11.5
IEEE 802.11be(EHT20)	11.5	11.5	11.5	11.5
Frequency (MHz)	5510	5550	5670	5710
IEEE 802.11ac(VHT40)	14.5	14.5	15	14.5
IEEE 802.11ax(HE40)	14.5	14.5	15	14.5
IEEE 802.11be(EHT40)	14.5	14.5	15	14.5
Frequency (MHz)	5530	5610	5690	
IEEE 802.11ac(VHT80)	16	17	17	
IEEE 802.11ax(HE80)	16	17	17	
IEEE 802.11be(EHT80)	16	17	17	
Frequency (MHz)	5570			
IEEE 802.11ac(VHT160)	16			
IEEE 802.11ax(HE160)	16			
IEEE 802.11be(EHT160)	16.5			

UNII-3			
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	23.5	24	23.5
IEEE 802.11ac(VHT20)	23	23.5	23.5
IEEE 802.11ax(HE20)	23	23.5	23.5
IEEE 802.11be(EHT20)	23	23.5	23
Frequency (MHz)	5755	5795	
IEEE 802.11ac(VHT40)	23	23	
IEEE 802.11ax(HE40)	23.5	23.5	
IEEE 802.11be(EHT40)	23	23	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	23.5		
IEEE 802.11ax(HE80)	23		
IEEE 802.11be(EHT80)	23		

NSS4

UNII-1			
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	21	21	21
IEEE 802.11ac(VHT20)	21	21	21
IEEE 802.11ax(HE20)	21	21.5	21.5
IEEE 802.11be(EHT20)	21	21	21.5
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	19.5	22.5	
IEEE 802.11ax(HE40)	20	22.5	
IEEE 802.11be(EHT40)	19.5	22.5	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	21.5		
IEEE 802.11ax(HE80)	21		
IEEE 802.11be(EHT80)	21		

UNII-2A			
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	15	15	14.5
IEEE 802.11ac(VHT20)	15	15	14.5
IEEE 802.11ax(HE20)	15	15	15
IEEE 802.11be(EHT20)	15	15	14.5
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	16	15.5	
IEEE 802.11ax(HE40)	16	15.5	
IEEE 802.11be(EHT40)	16	16	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	16		
IEEE 802.11ax(HE80)	16		
IEEE 802.11be(EHT80)	16		

UNII-1+UNII-2A	
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	17
IEEE 802.11ax(HE160)	17
IEEE 802.11be(EHT160)	16.5

UNII-2C				
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt			
Frequency (MHz)	5500	5580	5700	5720
IEEE 802.11a	14.5	14.5	14.5	14.5
IEEE 802.11ac(VHT20)	15	14.5	14.5	14.5
IEEE 802.11ax(HE20)	15	15	14.5	14.5
IEEE 802.11be(EHT20)	15	15	15	14.5
Frequency (MHz)	5510	5550	5670	5710
IEEE 802.11ac(VHT40)	15.5	16	16	16.5
IEEE 802.11ax(HE40)	15.5	16	16.5	16.5
IEEE 802.11be(EHT40)	16	16	16.5	16.5
Frequency (MHz)	5530	5610	5690	
IEEE 802.11ac(VHT80)	16	17	17	
IEEE 802.11ax(HE80)	16	17	17	
IEEE 802.11be(EHT80)	16	17	17	
Frequency (MHz)	5570			
IEEE 802.11ac(VHT160)	16			
IEEE 802.11ax(HE160)	16			
IEEE 802.11be(EHT160)	16.5			

Beamforming

UNII-1			
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt		
Frequency (MHz)	5180	5200	5240
IEEE 802.11ac(VHT20)	17.5	17.5	17.5
IEEE 802.11ax(HE20)	17.5	17.5	17.5
IEEE 802.11be(EHT20)	17.5	17.5	17.5
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	19	19.5	
IEEE 802.11ax(HE40)	19	19.5	
IEEE 802.11be(EHT40)	19.5		
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	20		
IEEE 802.11ax(HE80)	20		
IEEE 802.11be(EHT80)	20		

UNII-2A			
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt		
Frequency (MHz)	5260	5300	5320
IEEE 802.11ac(VHT20)	11.5	11	10.5
IEEE 802.11ax(HE20)	11	11	11
IEEE 802.11be(EHT20)	11.5	11	11.5
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	14	13.5	
IEEE 802.11ax(HE40)	13.5	13	
IEEE 802.11be(EHT40)	13.5	13.5	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	13		
IEEE 802.11ax(HE80)	13		
IEEE 802.11be(EHT80)	13.5		

UNII-1+UNII-2A	
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	14
IEEE 802.11ax(HE160)	14
IEEE 802.11be(EHT160)	14.5

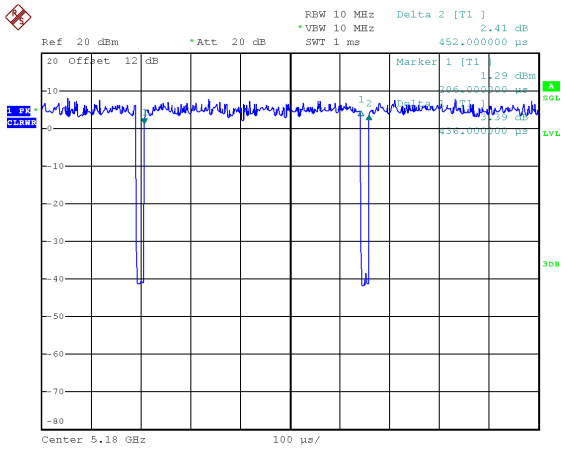
UNII-2C				
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt			
Frequency (MHz)	5500	5580	5700	5720
IEEE 802.11ac(VHT20)	11.5	11	11	11
IEEE 802.11ax(HE20)	11	10.5	10.5	11
IEEE 802.11be(EHT20)	10.5	10.5	10.5	11
Frequency (MHz)	5510	5550	5670	5710
IEEE 802.11ac(VHT40)	14	14	13.5	13.5
IEEE 802.11ax(HE40)	13.5	13.5	13.5	13.5
IEEE 802.11be(EHT40)	13.5	13.5	13.5	13.5
Frequency (MHz)	5530	5610	5690	
IEEE 802.11ac(VHT80)	13.5	14	14	
IEEE 802.11ax(HE80)	13	14	14	
IEEE 802.11be(EHT80)	13.5	13.5	14	
Frequency (MHz)	5570			
IEEE 802.11ac(VHT160)	13.5			
IEEE 802.11ax(HE160)	13.5			
IEEE 802.11be(EHT160)	13.5			

UNII-3			
Test Software Version	D10-36059-101_MI_2G_2x2_WKK_5G6G_4x4_RDP441_RevC.cxtt		
Frequency (MHz)	5745	5785	5825
IEEE 802.11ac(VHT20)	20	20.5	20.5
IEEE 802.11ax(HE20)	20	20.5	20.5
IEEE 802.11be(EHT20)	20	20.5	20
Frequency (MHz)	5755	5795	
IEEE 802.11ac(VHT40)	20	20	
IEEE 802.11ax(HE40)	16.5	16.5	
IEEE 802.11be(EHT40)	20	20.5	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	20.5		
IEEE 802.11ax(HE80)	20		
IEEE 802.11be(EHT80)	20.5		

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.

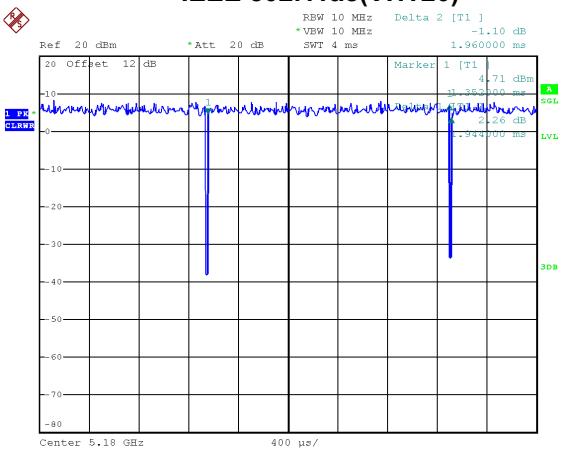
IEEE 802.11a



Date: 23.JUN.2024 15:31:49

Duty cycle = 0.436 ms / 0.452 ms = 96.46%
Duty Factor = 10 log(1 / Duty cycle) = 0.16

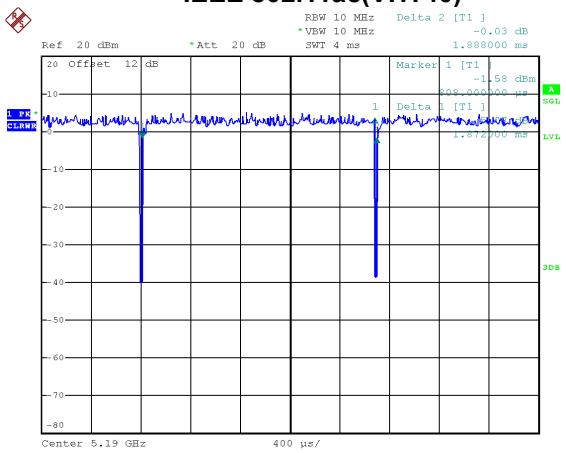
IEEE 802.11ac(VHT20)



Date: 23.JUN.2024 15:33:17

Duty cycle = 1.944 ms / 1.960 ms = 99.18%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

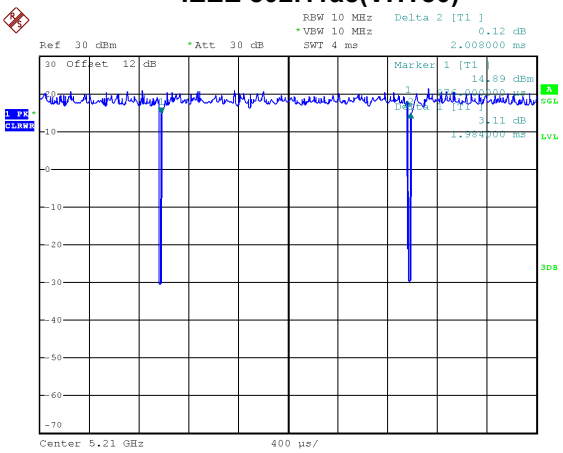
IEEE 802.11ac(VHT40)



Date: 23.JUN.2024 15:34:16

Duty cycle = 1.872 ms / 1.888 ms = 99.15%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

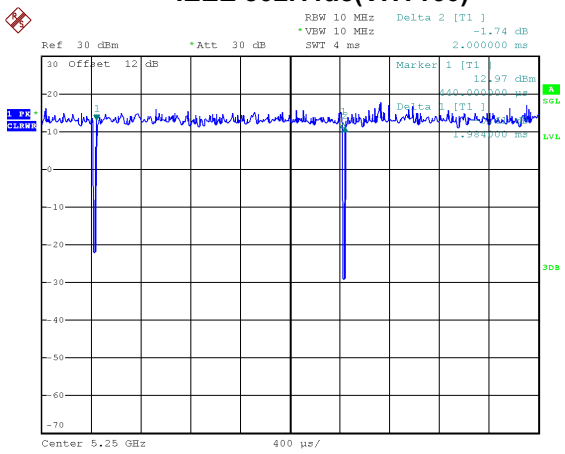
IEEE 802.11ac(VHT80)



Date: 3.JUL.2024 17:04:17

Duty cycle = 1.984 ms / 2.008 ms = 98.80%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

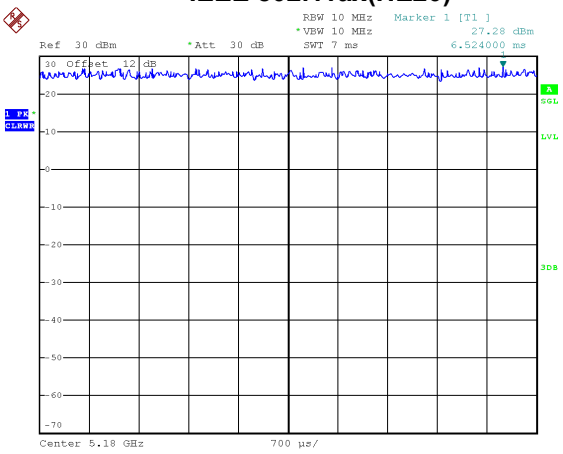
IEEE 802.11ac(VHT160)



Date: 3.JUL.2024 17:06:01

Duty cycle = 1.984 ms / 2.000 ms = 99.20%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

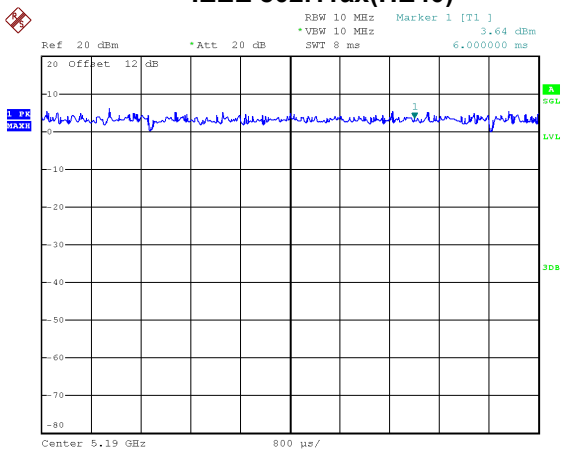
IEEE 802.11ax(HE20)



Date: 3.JUL.2024 17:07:36

Duty cycle = 2.500 ms / 2.500 ms = 100%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

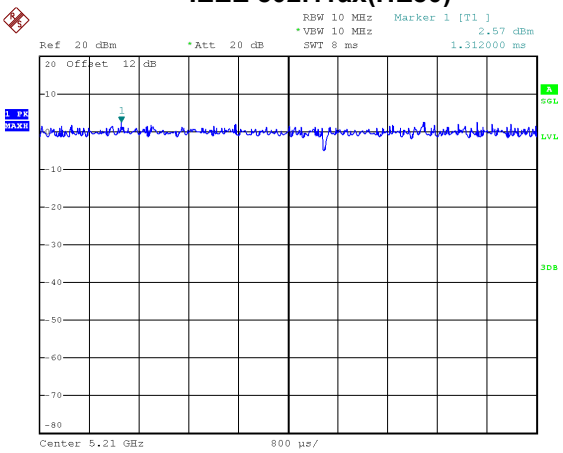
IEEE 802.11ax(HE40)



Date: 23.JUN.2024 15:46:46

Duty cycle = 0.000 ms / 0.000 ms = 0.00%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

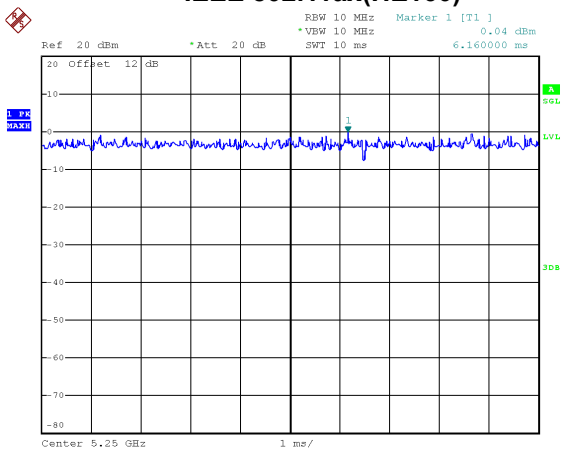
IEEE 802.11ax(HE80)



Date: 23.JUN.2024 15:47:47

Duty cycle = 0.000 ms / 0.000 ms = 0.00%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

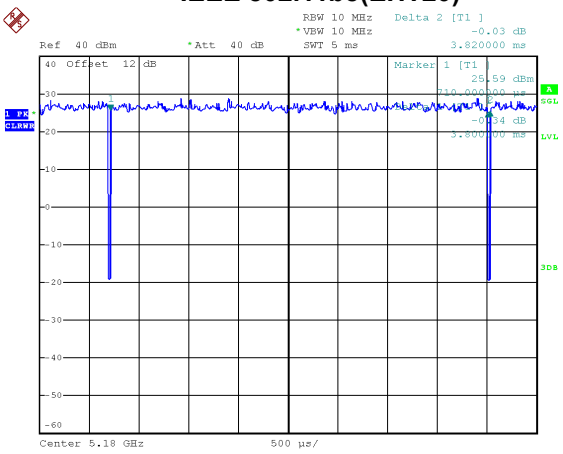
IEEE 802.11ax(HE160)



Date: 23.JUN.2024 15:48:24

Duty cycle = 0.000 ms / 0.000 ms = 0.00%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

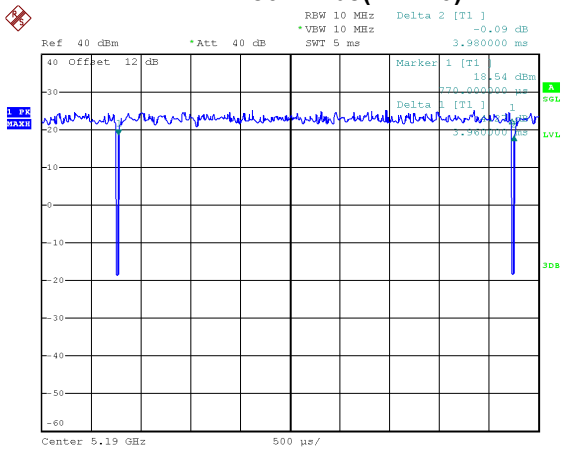
IEEE 802.11be(EHT20)



Date: 24.JUN.2024 16:09:27

Duty cycle = 3.800 ms / 3.820 ms = 99.48%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

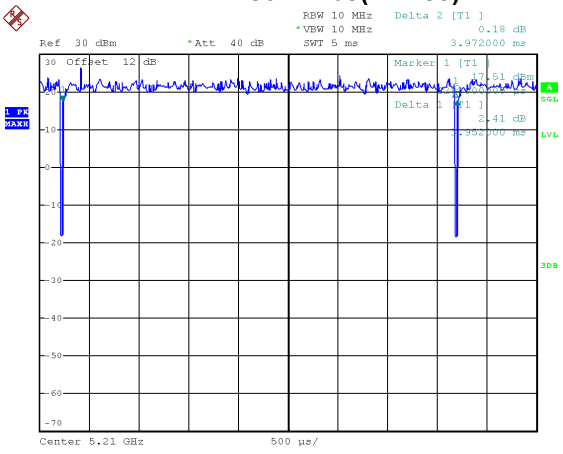
IEEE 802.11be(EHT40)



Date: 24.JUN.2024 16:54:29

Duty cycle = 3.960 ms / 3.980 ms = 99.50%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

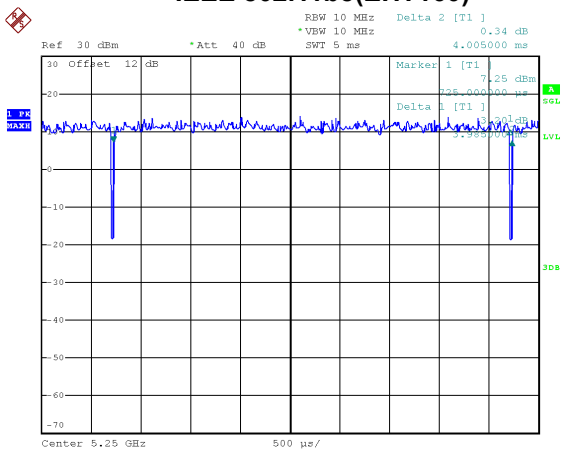
IEEE 802.11be(EHT80)



Date: 24.JUN.2024 17:32:58

Duty cycle = 3.952 ms / 3.972 ms = 99.50%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

IEEE 802.11be(EHT160)



Date: 24.JUN.2024 17:49:53

Duty cycle = 3.985 ms / 4.005 ms = 99.50%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

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 2294 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 1 kHz (Duty cycle ≥ 98%).

For IEEE 802.11ac(VHT40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle ≥ 98%).

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

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 3 kHz (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 1 kHz (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 2 kHz (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 3 kHz (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 3 kHz (Duty cycle < 98%).

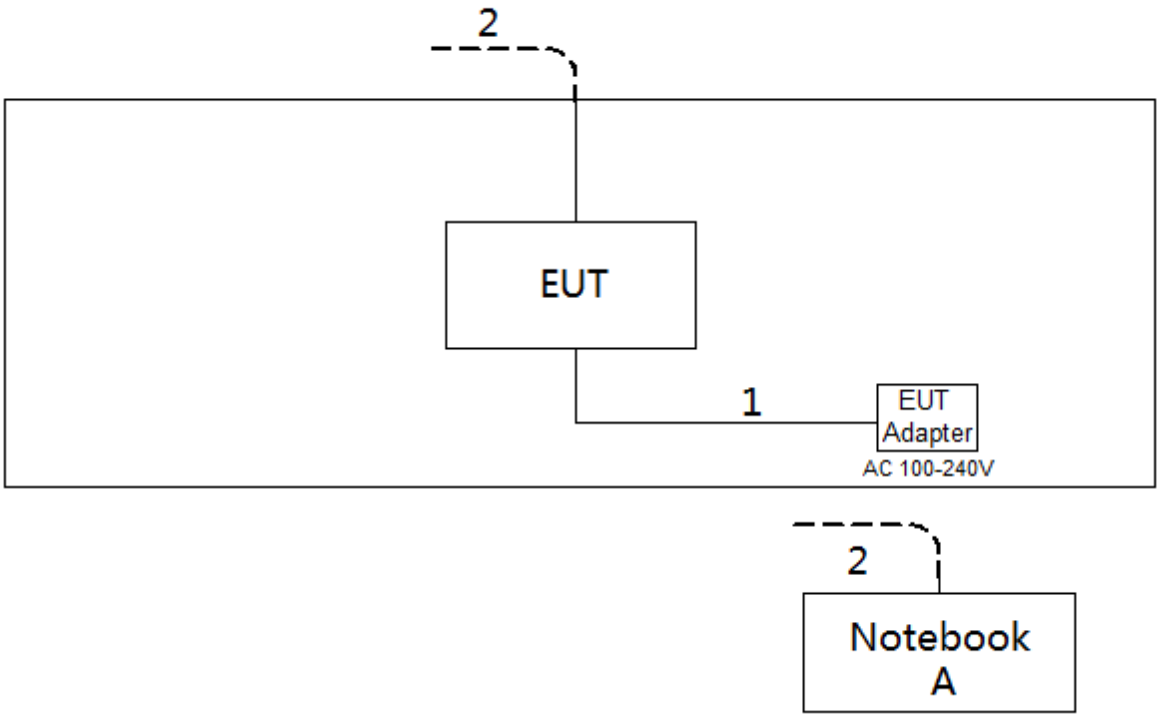
For IEEE 802.11be(EHT20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).

For IEEE 802.11be(EHT40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).

For IEEE 802.11be(EHT80):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 kHz (Duty cycle < 98%).

For IEEE 802.11be(EHT160):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 kHz (Duty cycle < 98%).

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Honor	14SER5 3500	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. Part of the cable losses (11.5dB) are provided by the manufacturer, while the other parts of the cable losses are provided by the testing laboratory.

4. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

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

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

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.

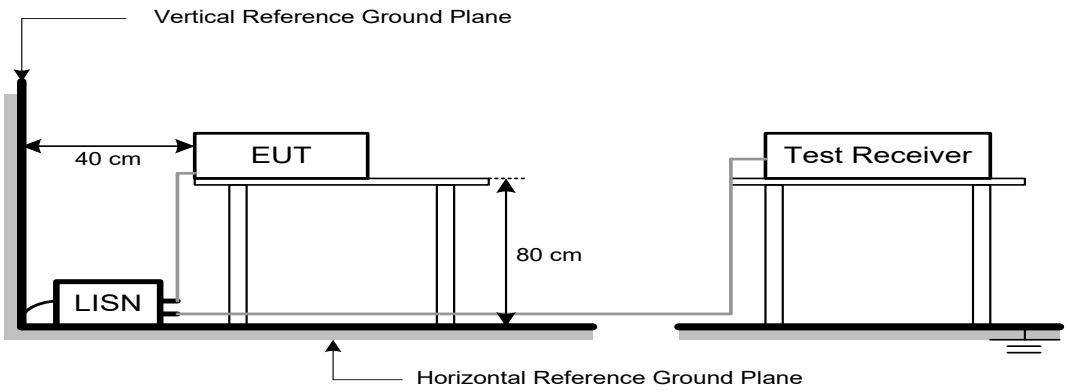
The following table is the setting of the receiver:

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 1m (dBμV/m)
5150-5250	-27	68.2	77.7 (Note 3)
5250-5350	-27	68.2	77.7 (Note 3)
5470-5725	-27	68.2	77.7 (Note 3)
5725-5850 **NOTE (2)**	-27	68.2	77.7 (Note 3)
	10	105.2	114.7 (Note 3)
	15.6	110.8	120.3 (Note 3)
	27	122.2	131.7 (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)

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

$20\log (d_{limit}/d_{measure})=20\log (3/1)=9.5$ 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 1m 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

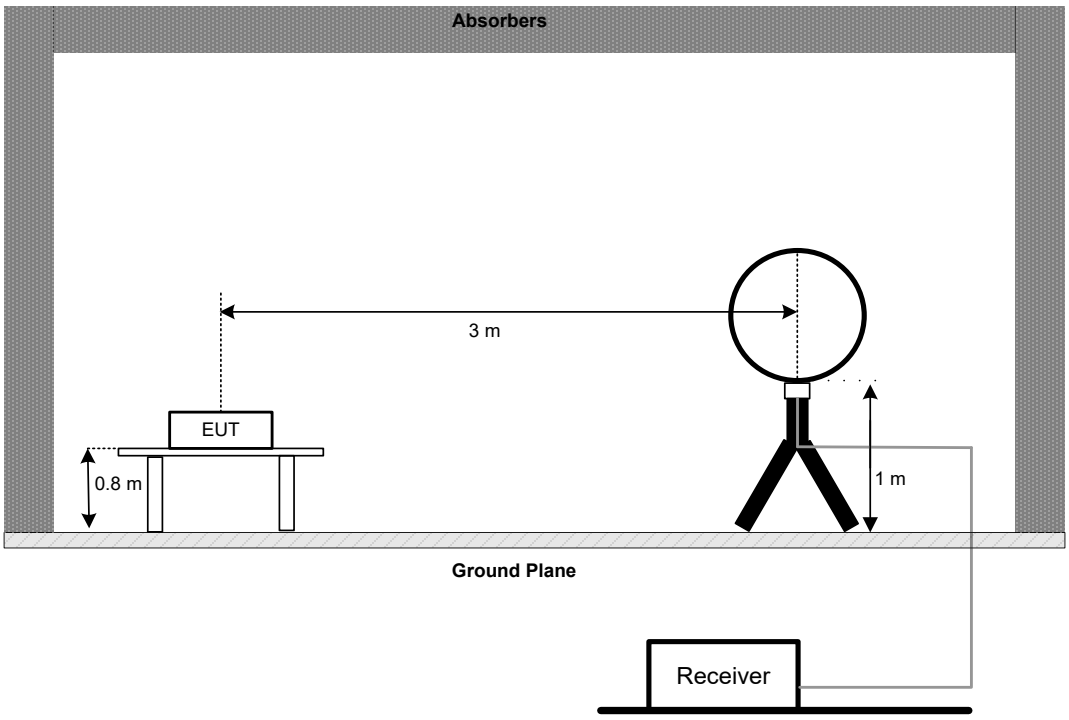
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

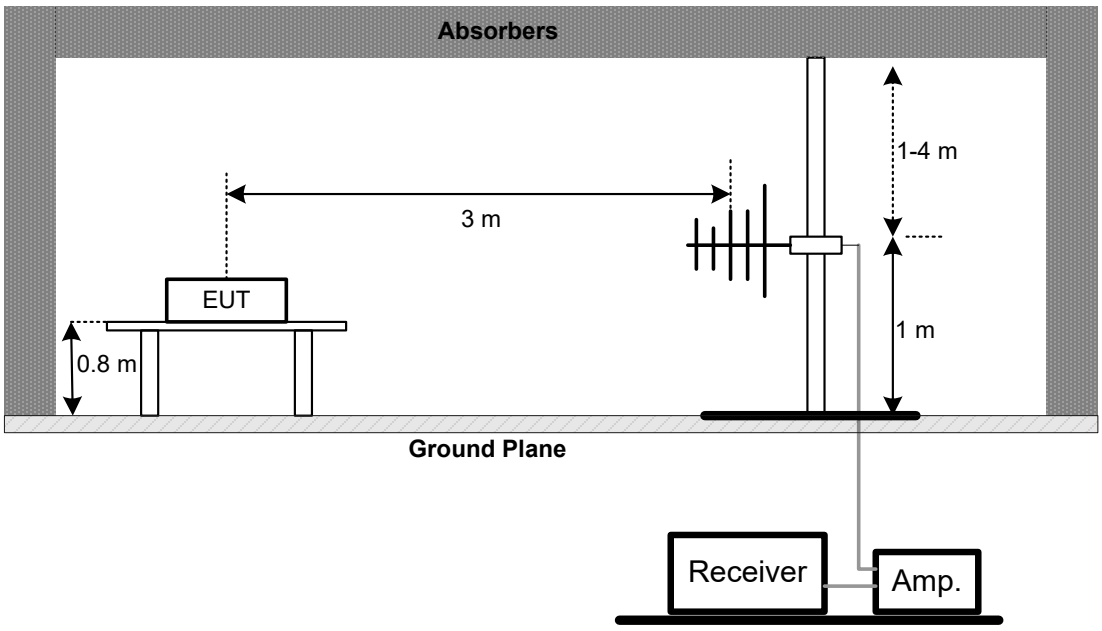
No deviation.

5.4 TEST SETUP

9 kHz to 30 MHz

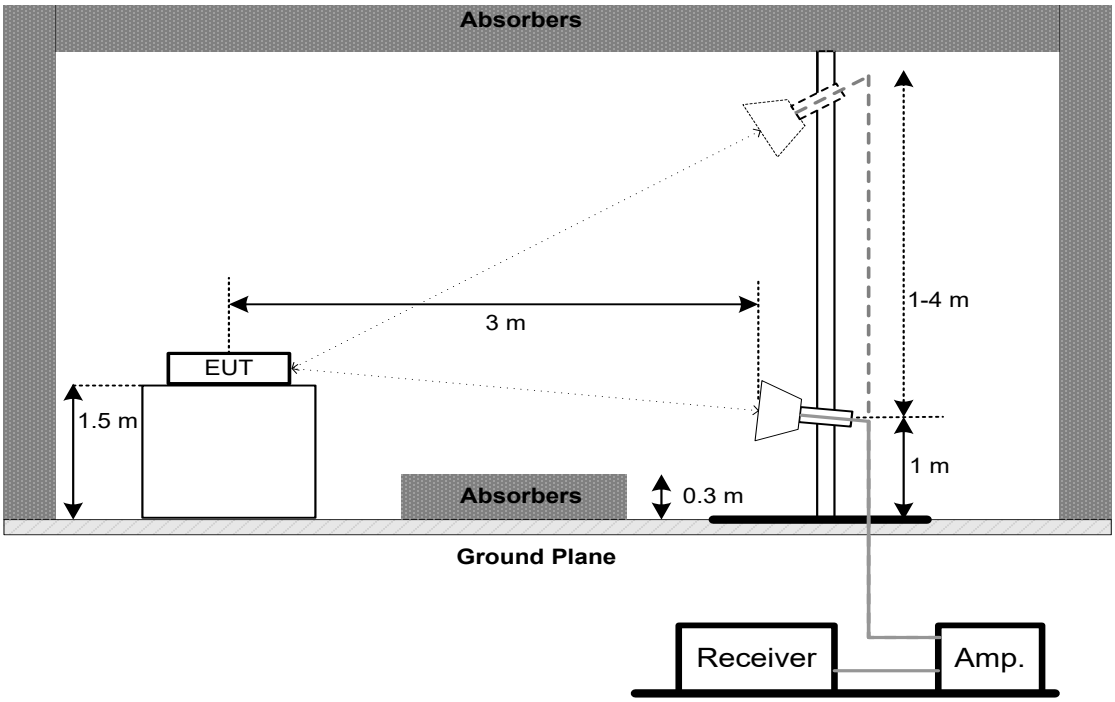


30 MHz to 1 GHz

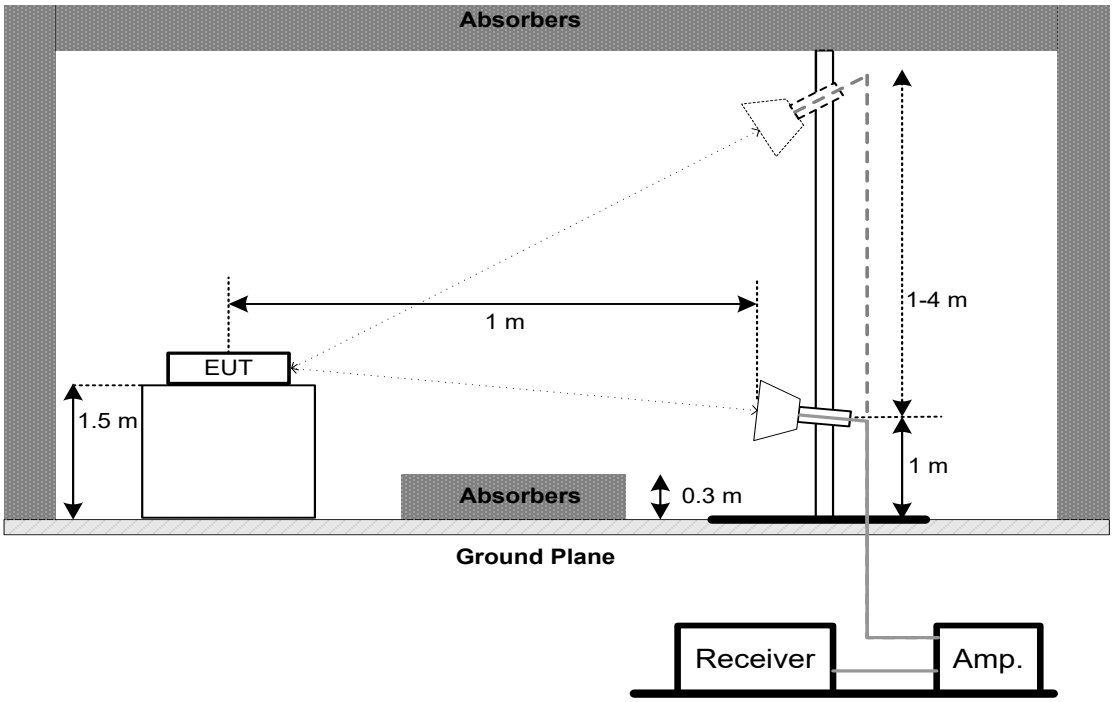


Above 1 GHz

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:

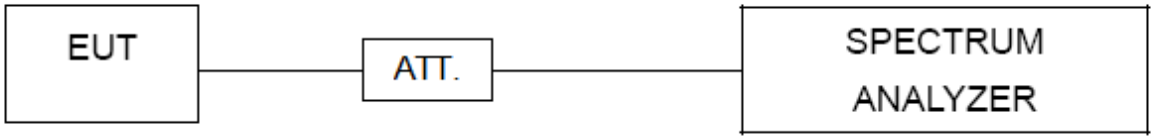
Spectrum Parameter	Setting
Span Frequency	1.5 times to 5 times the OBW
RBW	1% to 5% of the OBW
VBW	≥3*RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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.

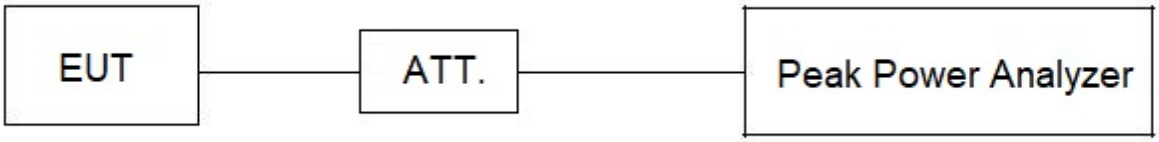
7.2 TEST PROCEDURE

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

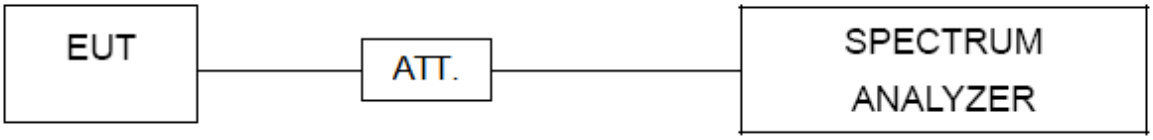
Note:

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 12 dB, and the final offset is 12+ 7 = 19 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. 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	Mar. 30, 2025
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Dec. 22, 2024
3	Cable	N/A	RW2350-3.8A-NMB M-1.5M	N/A	Jun. 09, 2025
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chamber room	ETS	9*6*6	N/A	Jul. 11, 2024

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1462	Dec. 13, 2024
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 13, 2024
3	Preamplifier	EMC INSTRUMENT	EMC001330	980863	Apr. 07, 2025
4	Cable	RegalWay	LMR400-NMNM-12 .5m	N/A	Jun. 06, 2025
5	Cable	RegalWay	LMR400-NMNM-3 m	N/A	Jun. 06, 2025
6	Cable	RegalWay	LMR400-NMNM-0. 5m	N/A	Jun. 06, 2025
7	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
8	Positioning Controller	MF	MF-7802	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	CM	9*6*6	N/A	May 16, 2025

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
2	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980888	Nov. 17, 2024
3	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	May 31, 2025
4	Double Ridged Guide Antenna	ETS	3115	75789	Jun. 15, 2025
5	Cable	RegalWay	RWLP50-4.0A-SMSM-12.5M	N/A	Feb. 19, 2025
6	Cable	RegalWay	RWLP50-4.0A-NMRASM-2.5M	N/A	Aug. 08, 2024
7	Cable	RegalWay	RWLP50-4.0A-NMRASMRA-0.8M	N/A	Aug. 08, 2024
8	Preamplifier	EMC INSTRUMENT	EMC184045SE	980905	Nov. 19, 2024
9	Cable	RegalWay	RWLP50-2.6A-2.92M2.92M-1.1M	N/A	Jul. 26, 2024
10	Cable	Tonscend	HF160-KMKM-3M	N/A	Jul. 26, 2024
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170(3m)	9170-319	Jun. 16, 2025
12	966 Chamber room	CM	9*6*6	N/A	May 19, 2025
13	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
14	Filter	STI	STI15-9969	N/A	May 31, 2025
15	Positioning Controller	MF	MF-7802	N/A	N/A
16	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

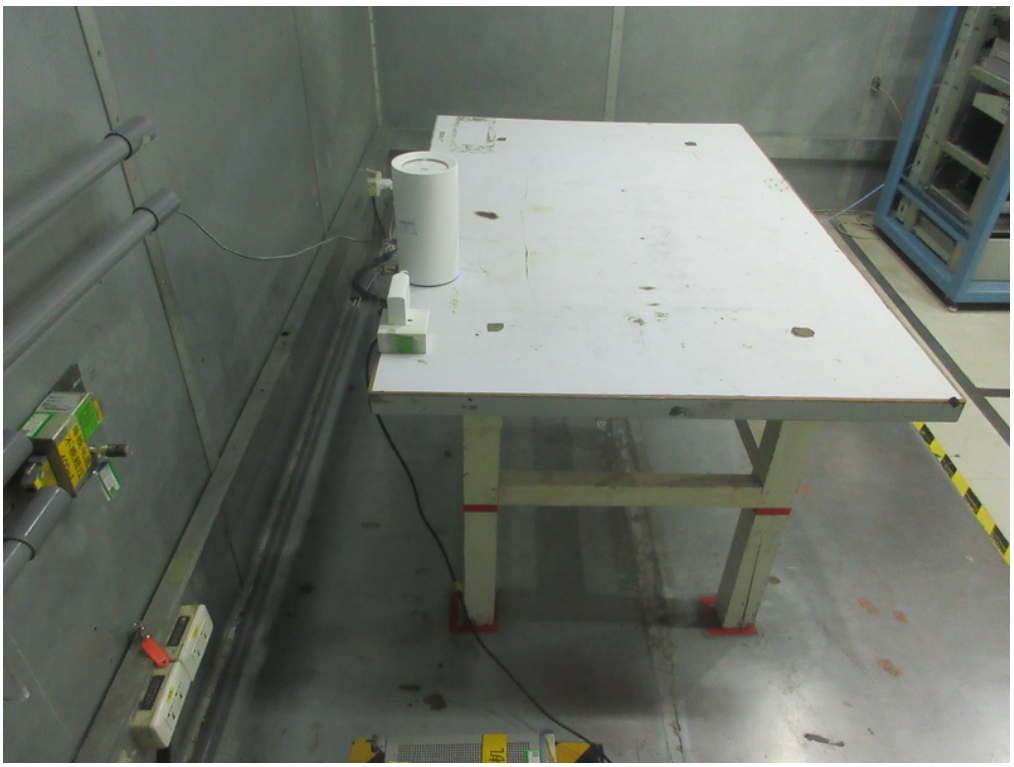
Bandwidth & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	May 31, 2025
2	Measurement Software	BTL	BTL Conducted Test	N/A	N/A
3	Attenuator	Talent Microwave	TA10A0-S-26.5	N/A	N/A
4	DC Block	N/A	N/A	N/A	N/A

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	May 31, 2025
2	Wideband power sensor	Keysight	N1923A	MY58310004	May 31, 2025
3	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A

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

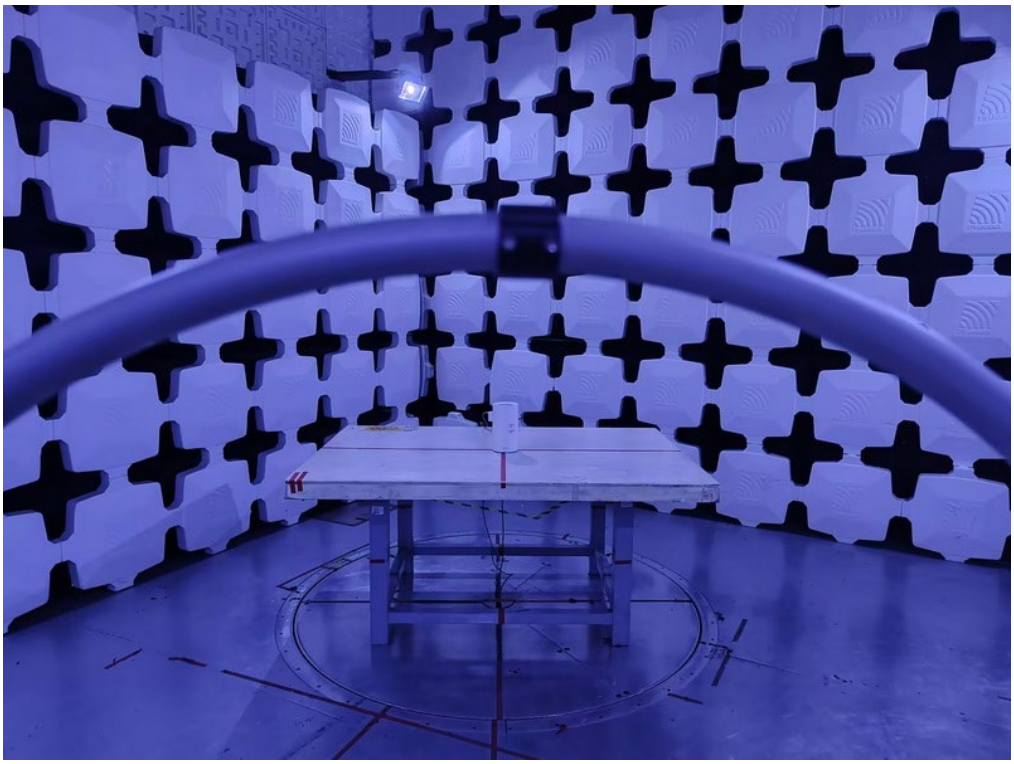
10. EUT TEST PHOTOS

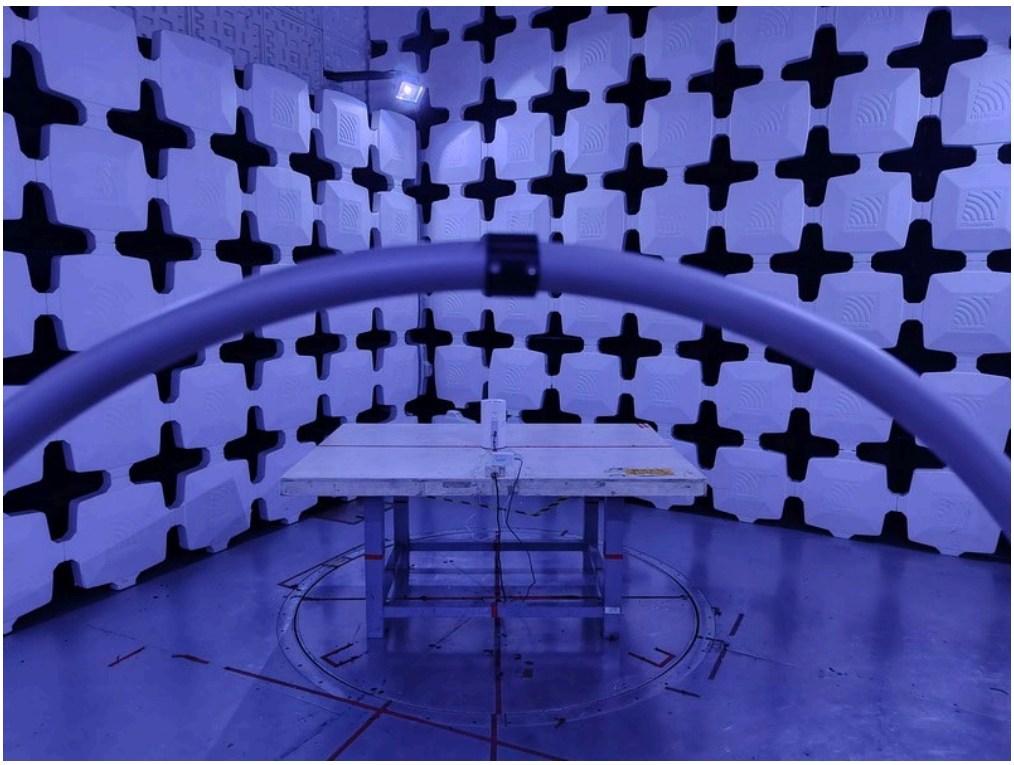
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

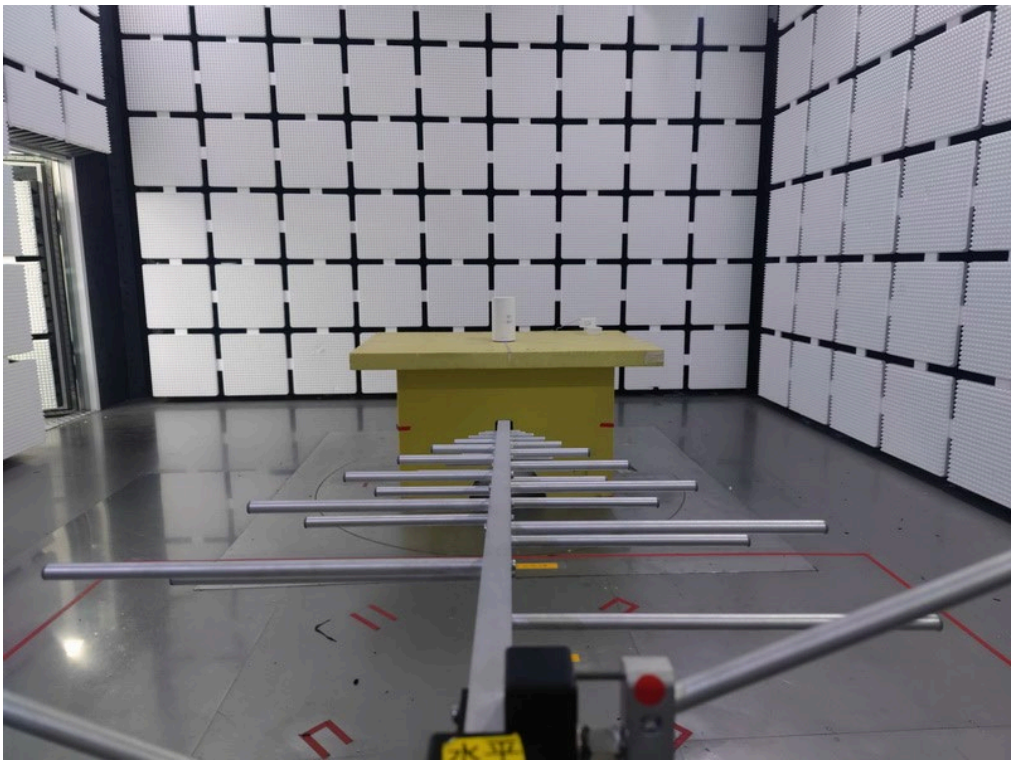
9 kHz to 30 MHz

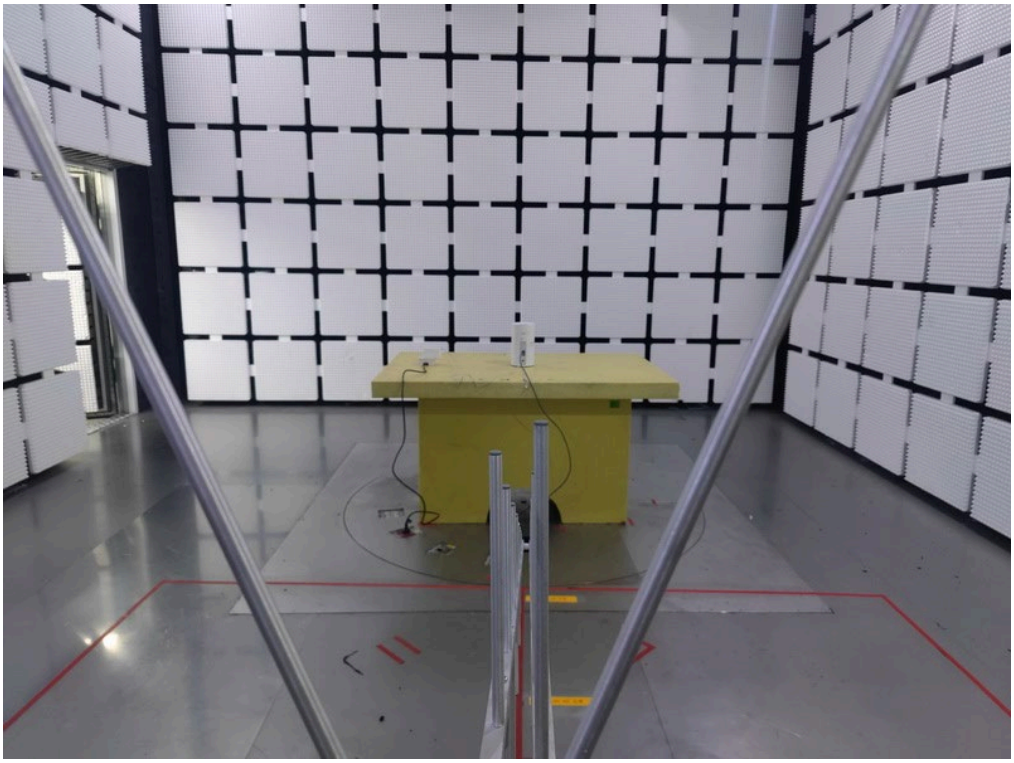




Radiated Emissions Test Photos

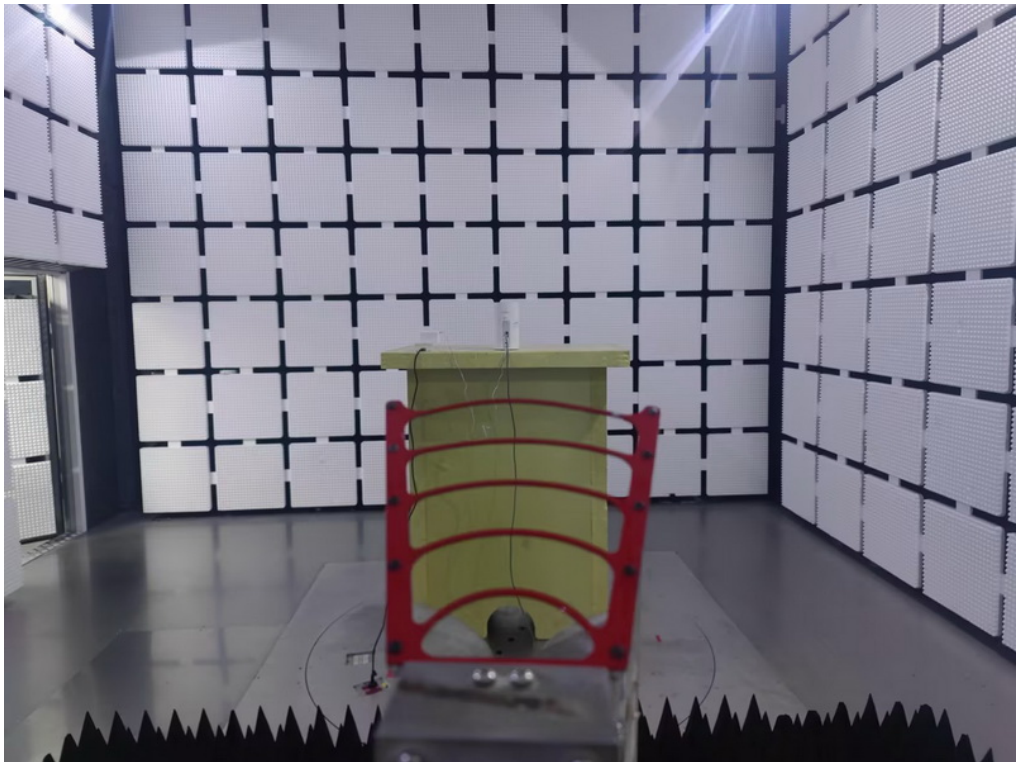
30 MHz to 1 GHz





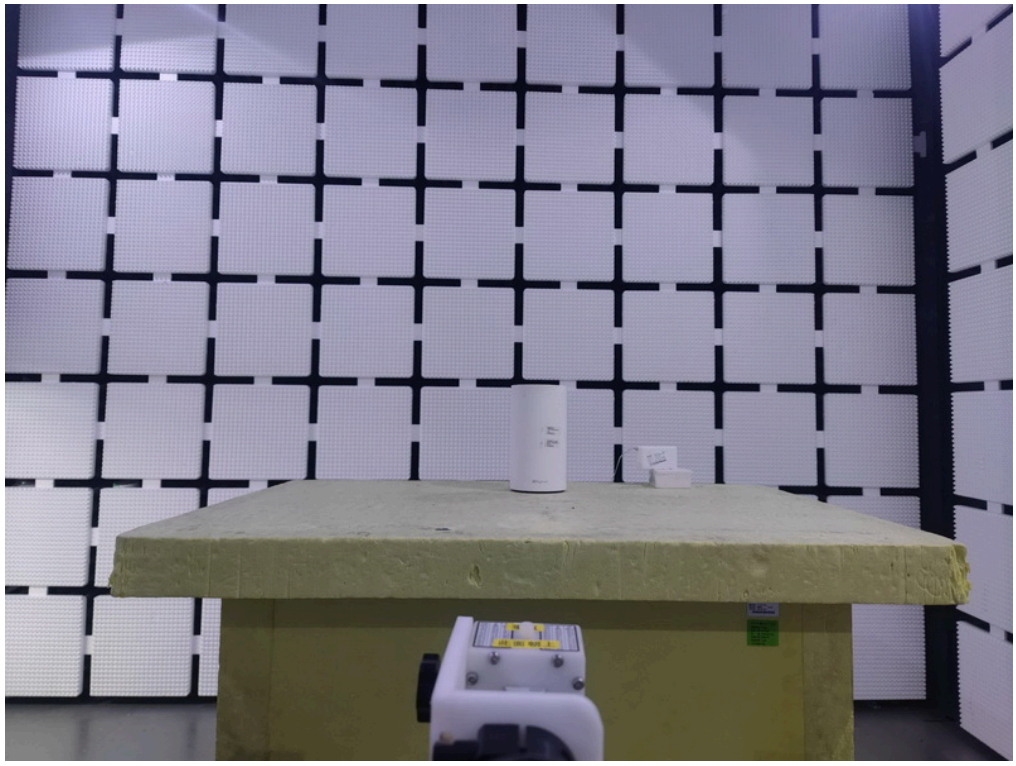
Radiated Emissions Test Photos

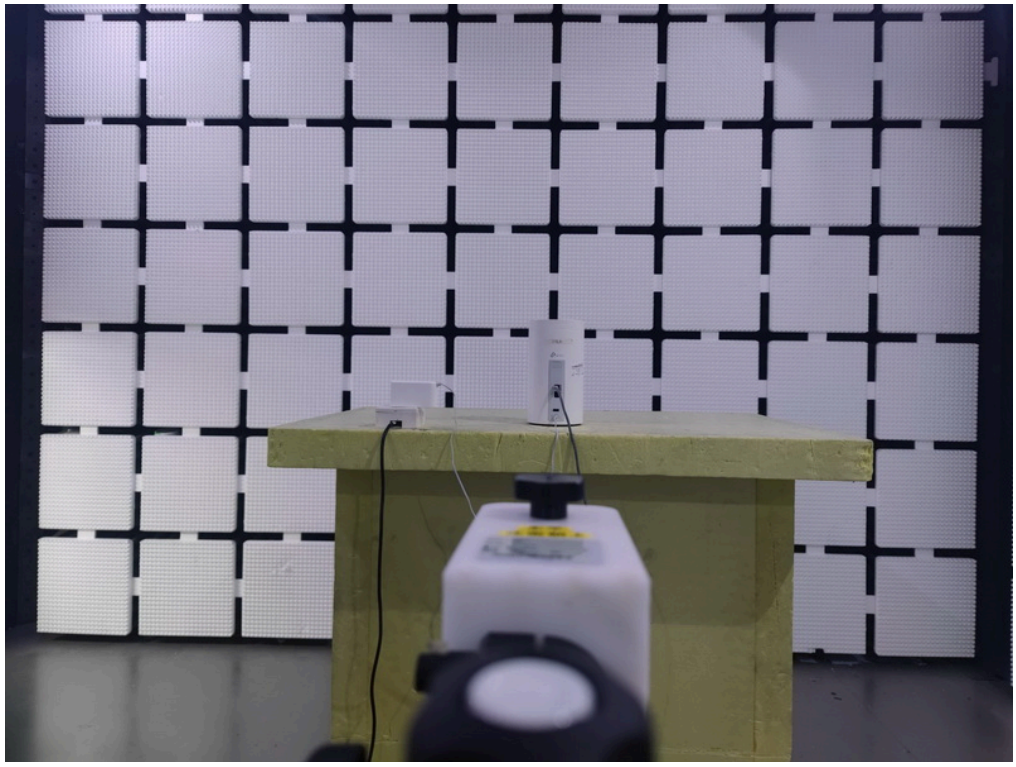
Above 1 GHz_Band edge & Harmonic(1 GHz to 18 GHz)



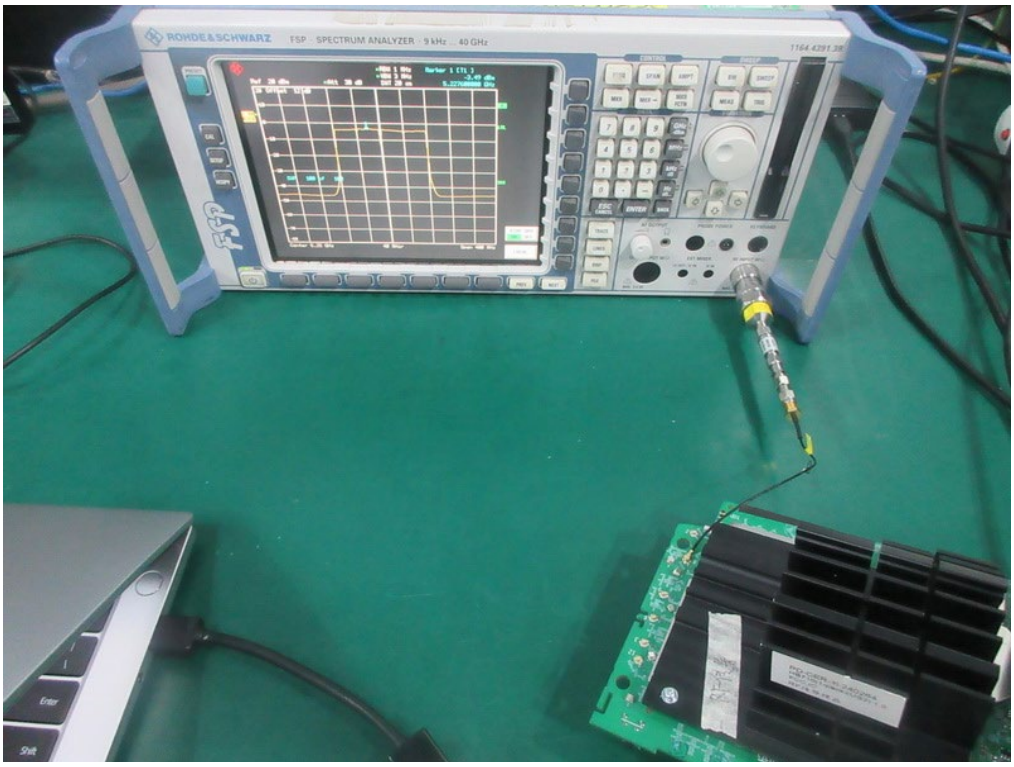
Radiated Emissions Test Photos

Above 1 GHz_ Harmonic(18 GHz to 26.5 GHz)



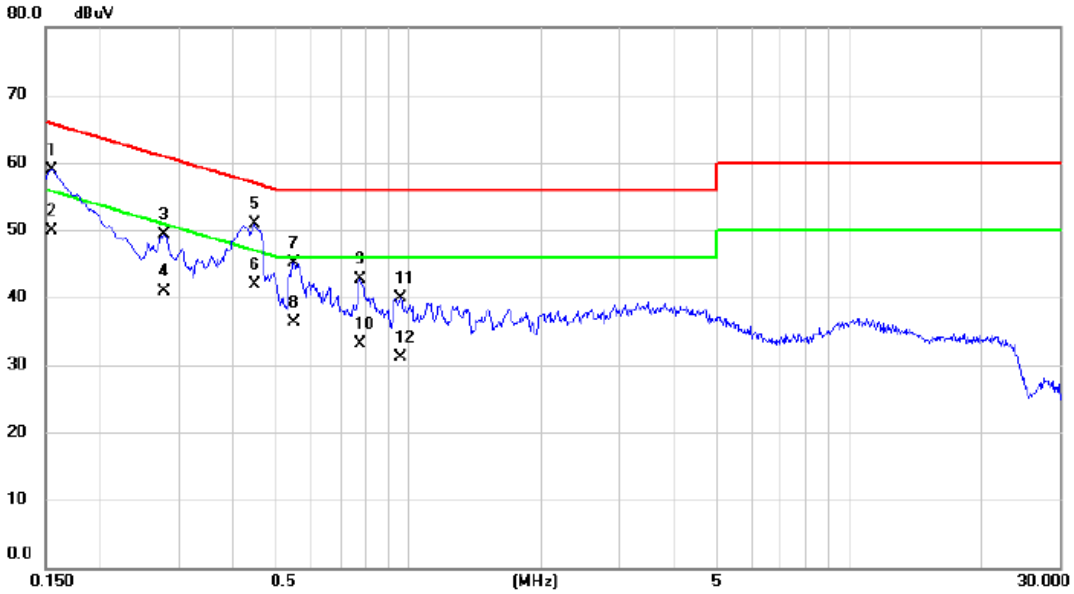


Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

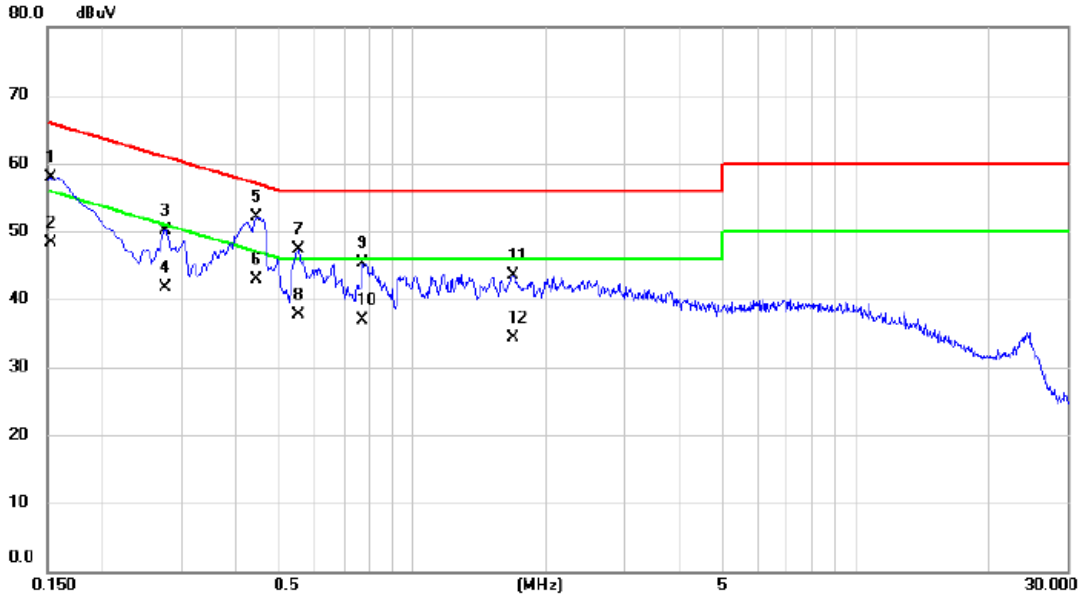
Test Mode	TX A Mode Channel 157 (UNII-3)	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1545	48.96	9.97	58.93	65.75	-6.82	QP	
2		0.1545	39.90	9.97	49.87	55.75	-5.88	AVG	
3		0.2782	39.16	10.13	49.29	60.87	-11.58	QP	
4		0.2782	30.70	10.13	40.83	50.87	-10.04	AVG	
5		0.4470	40.36	10.50	50.86	56.93	-6.07	QP	
6	*	0.4470	31.40	10.50	41.90	46.93	-5.03	AVG	
7		0.5482	34.43	10.73	45.16	56.00	-10.84	QP	
8		0.5482	25.60	10.73	36.33	46.00	-9.67	AVG	
9		0.7755	31.71	11.08	42.79	56.00	-13.21	QP	
10		0.7755	22.10	11.08	33.18	46.00	-12.82	AVG	
11		0.9555	28.57	11.24	39.81	56.00	-16.19	QP	
12		0.9555	19.80	11.24	31.04	46.00	-14.96	AVG	

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

Test Mode	TX A Mode Channel 157 (UNII-3)	Phase	Neutral

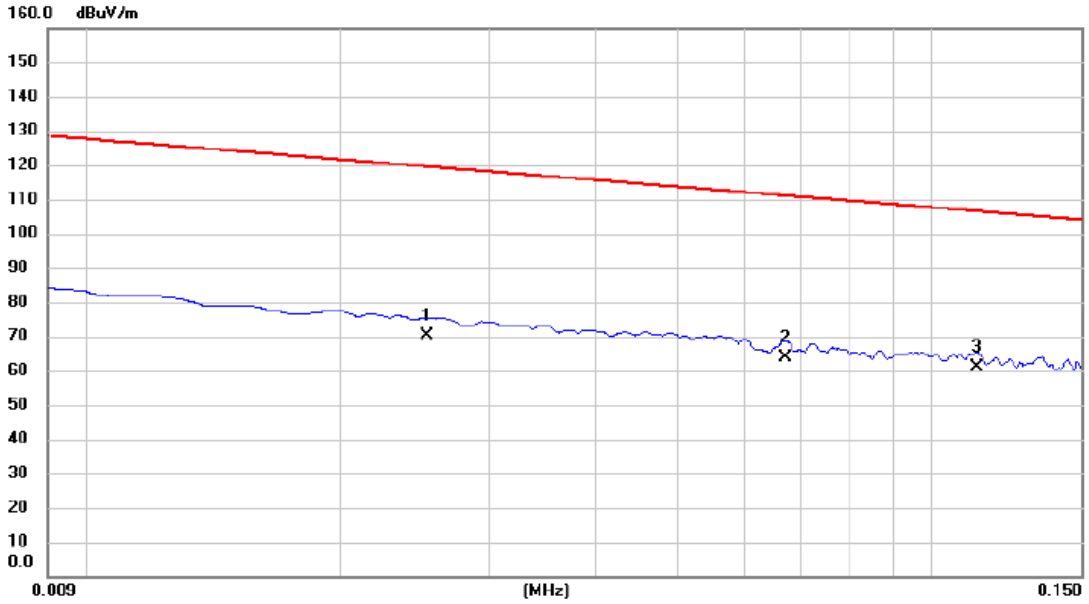


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1522	47.97	9.94	57.91	65.88	-7.97	QP	
2		0.1522	38.30	9.94	48.24	55.88	-7.64	AVG	
3		0.2760	40.02	10.08	50.10	60.94	-10.84	QP	
4		0.2760	31.70	10.08	41.78	50.94	-9.16	AVG	
5		0.4447	41.72	10.46	52.18	56.97	-4.79	QP	
6	*	0.4447	32.50	10.46	42.96	46.97	-4.01	AVG	
7		0.5527	36.63	10.70	47.33	56.00	-8.67	QP	
8		0.5527	27.10	10.70	37.80	46.00	-8.20	AVG	
9		0.7687	34.19	11.03	45.22	56.00	-10.78	QP	
10		0.7687	25.80	11.03	36.83	46.00	-9.17	AVG	
11		1.6868	32.48	11.10	43.58	56.00	-12.42	QP	
12		1.6868	23.20	11.10	34.30	46.00	-11.70	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

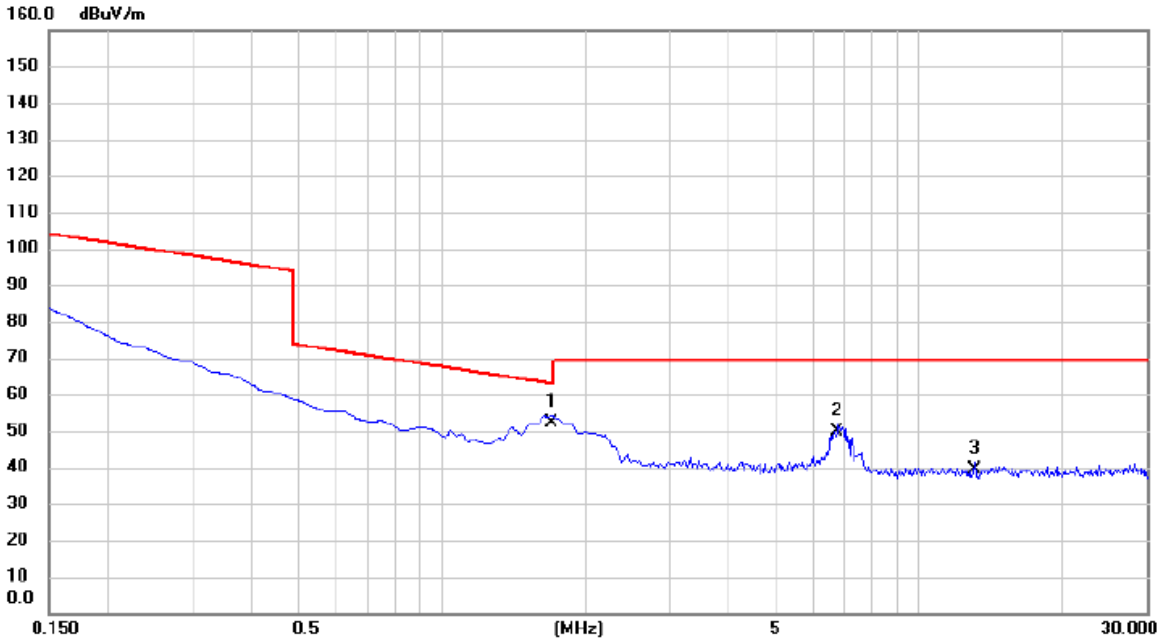
Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0253	49.17	20.96	70.13	119.54	-49.41	AVG	
2		0.0670	42.37	21.26	63.63	111.08	-47.45	AVG	
3	*	0.1128	39.64	21.28	60.92	106.56	-45.64	AVG	

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

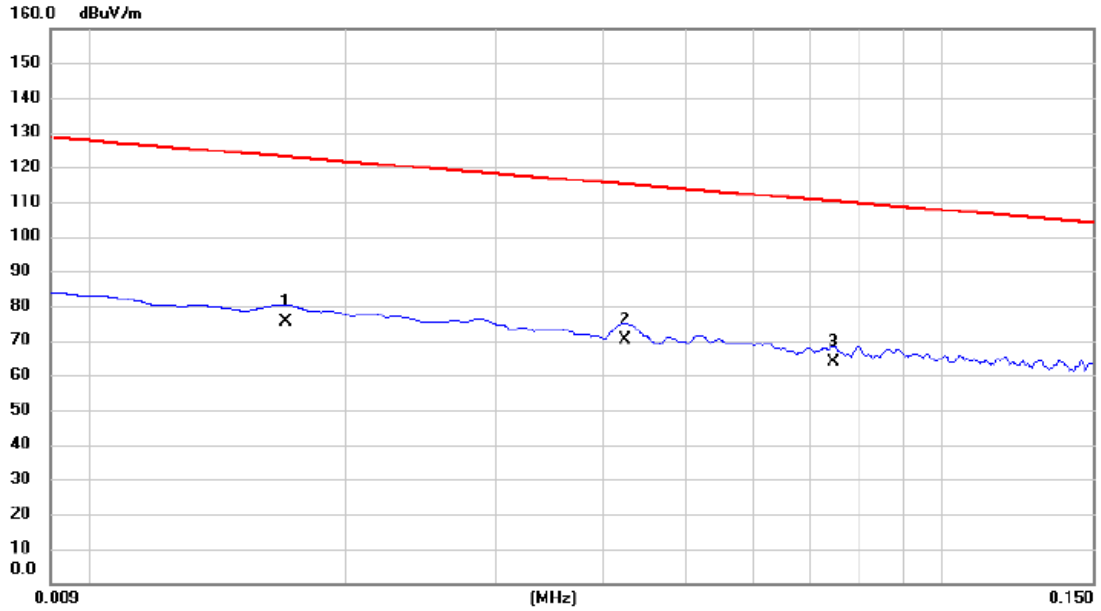
Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	1.7022	31.10	21.03	52.13	62.98	-10.85	QP	
2		6.7470	28.66	21.00	49.66	69.54	-19.88	QP	
3		13.0750	18.62	20.95	39.57	69.54	-29.97	QP	

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

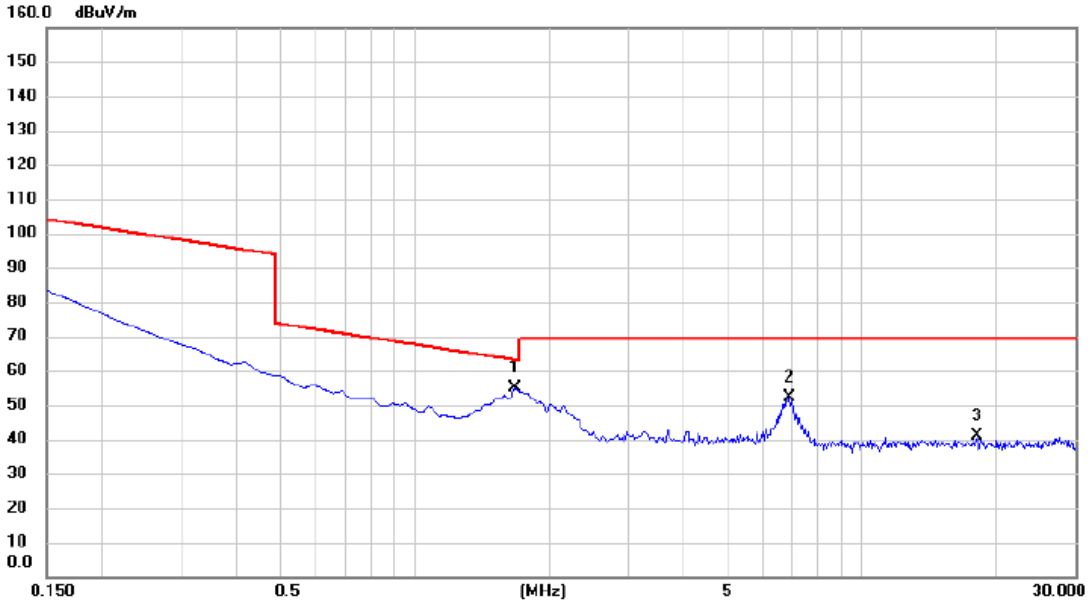
Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0170	54.75	20.71	75.46	123.00	-47.54	AVG	
2	*	0.0424	49.15	21.16	70.31	115.06	-44.75	AVG	
3		0.0744	42.65	21.28	63.93	110.17	-46.24	AVG	

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

Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Ant 90°

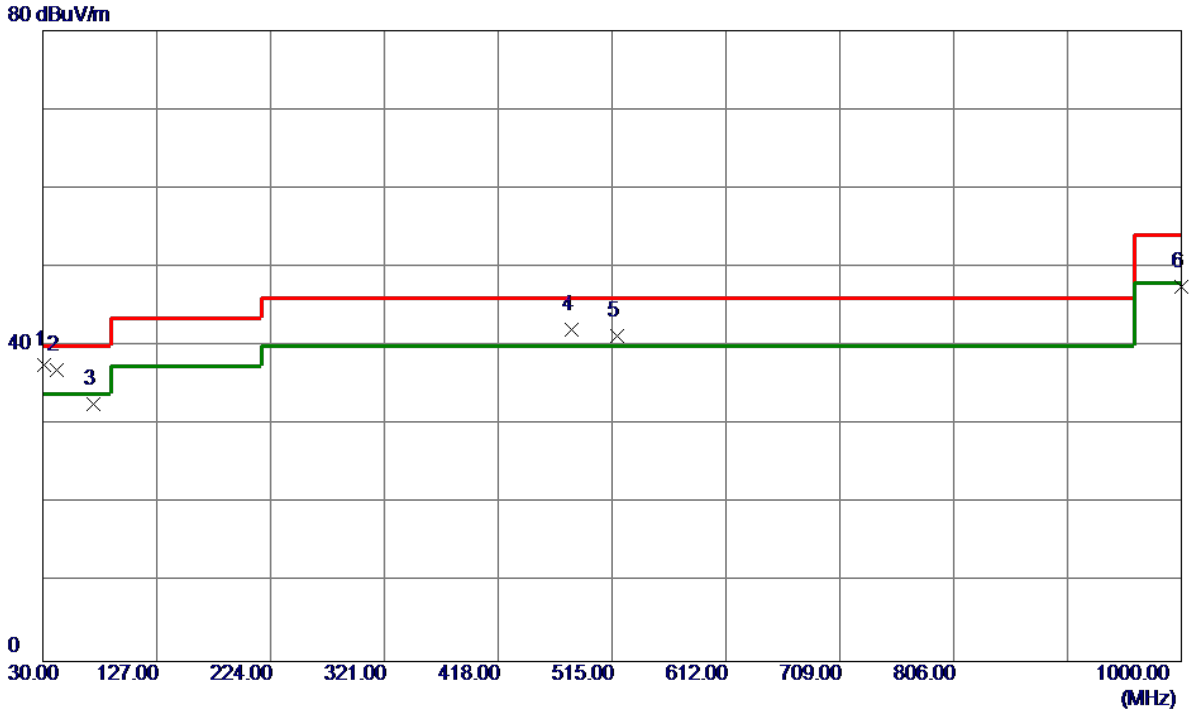


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	1.6724	33.93	21.03	54.96	63.14	-8.18	QP	
2		6.8662	31.33	21.00	52.33	69.54	-17.21	QP	
3		18.0898	19.95	21.10	41.05	69.54	-28.49	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

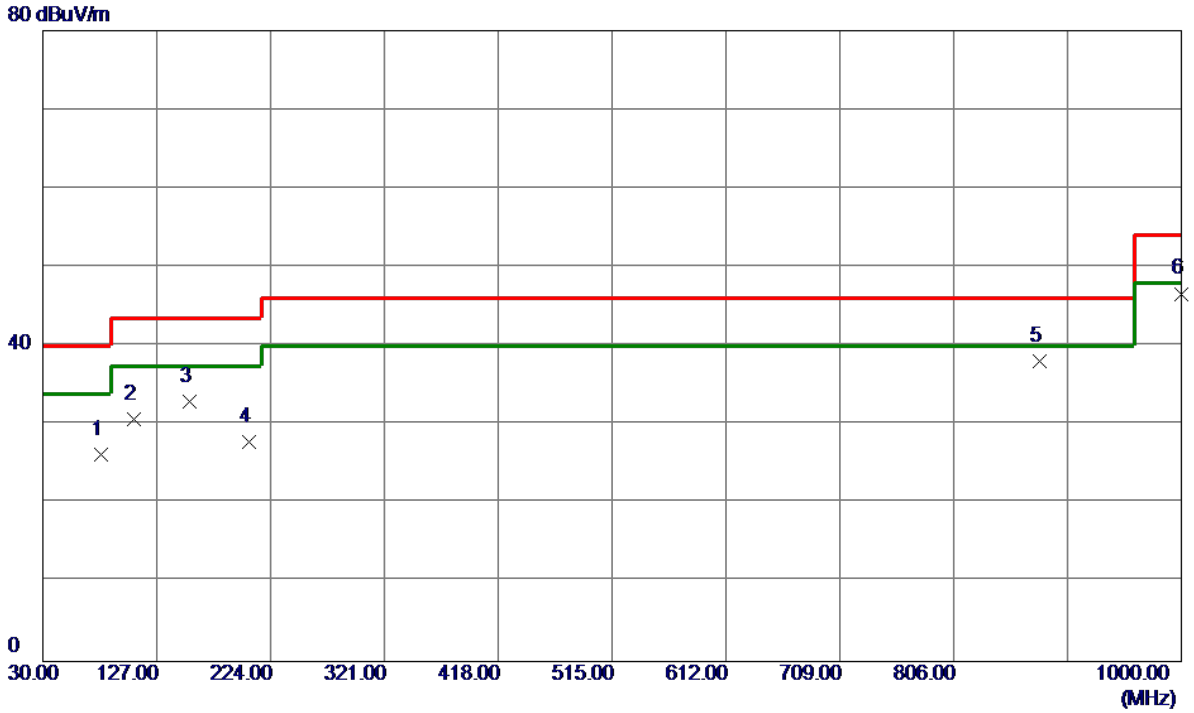
Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.9700	50.51	-12.94	37.57	40.00	-2.43	Peak	
2	42.1250	48.58	-11.57	37.01	40.00	-2.99	Peak	
3	72.6800	46.66	-13.95	32.71	40.00	-7.29	Peak	
4	480.0800	48.15	-6.14	42.01	46.00	-3.99	Peak	
5	518.8800	46.67	-5.45	41.22	46.00	-4.78	Peak	
6	1000.0000	46.46	1.04	47.50	54.00	-6.50	Peak	

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

Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Horizontal

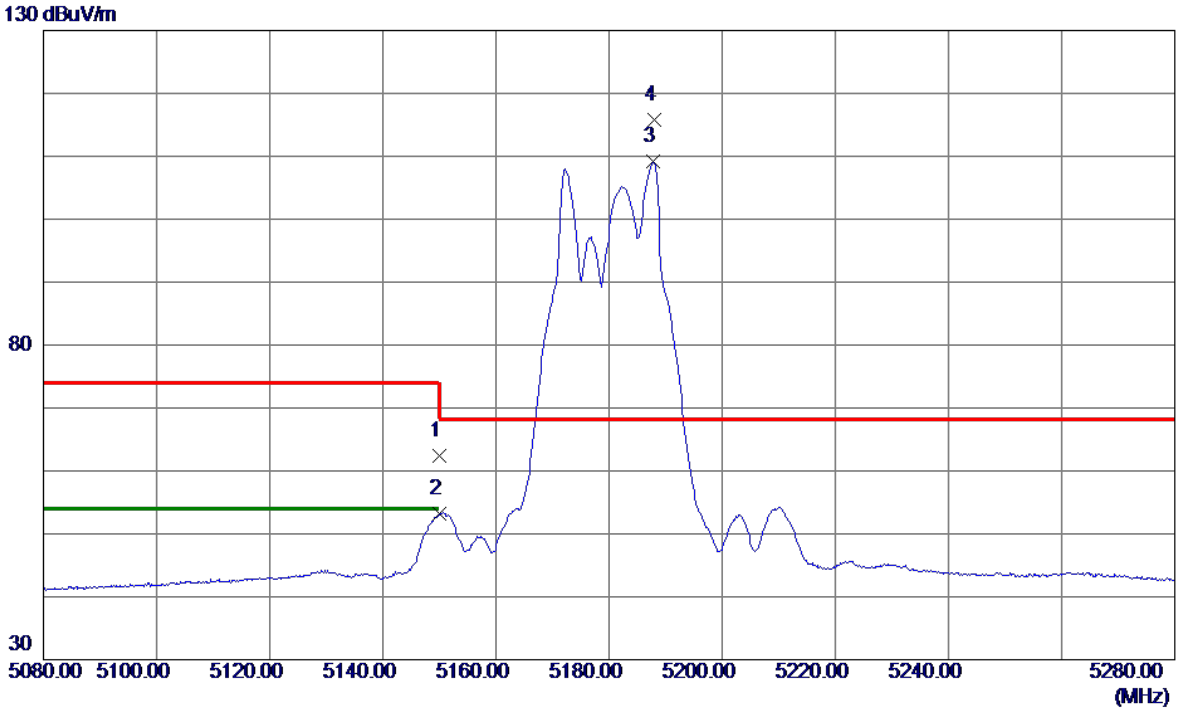


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	79.4700	41.53	-15.32	26.21	40.00	-13.79	Peak	
2	107.1150	45.34	-14.69	30.65	43.50	-12.85	Peak	
3	154.6450	43.88	-10.95	32.93	43.50	-10.57	Peak	
4	206.0549	42.12	-14.33	27.79	43.50	-15.71	Peak	
5	879.2350	37.94	0.10	38.04	46.00	-7.96	Peak	
6 *	1000.0000	45.60	1.04	46.64	54.00	-7.36	Peak	

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

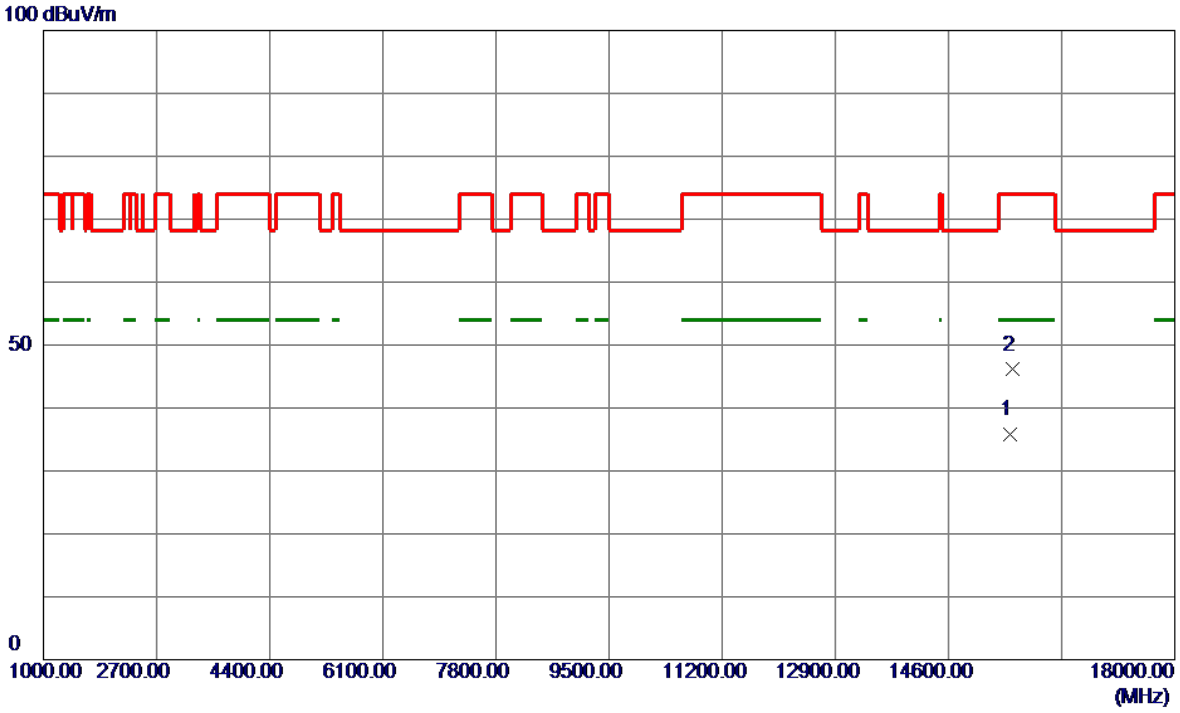
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	51.03	11.45	62.48	74.00	-11.52	Peak	
2	5150.0000	41.69	11.45	53.14	54.00	-0.86	AVG	
3	5187.8000	97.66	11.58	109.24	999.00	-889.76	AVG	No Limit
4 *	5187.9000	104.29	11.58	115.87	68.20	47.67	Peak	No Limit

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

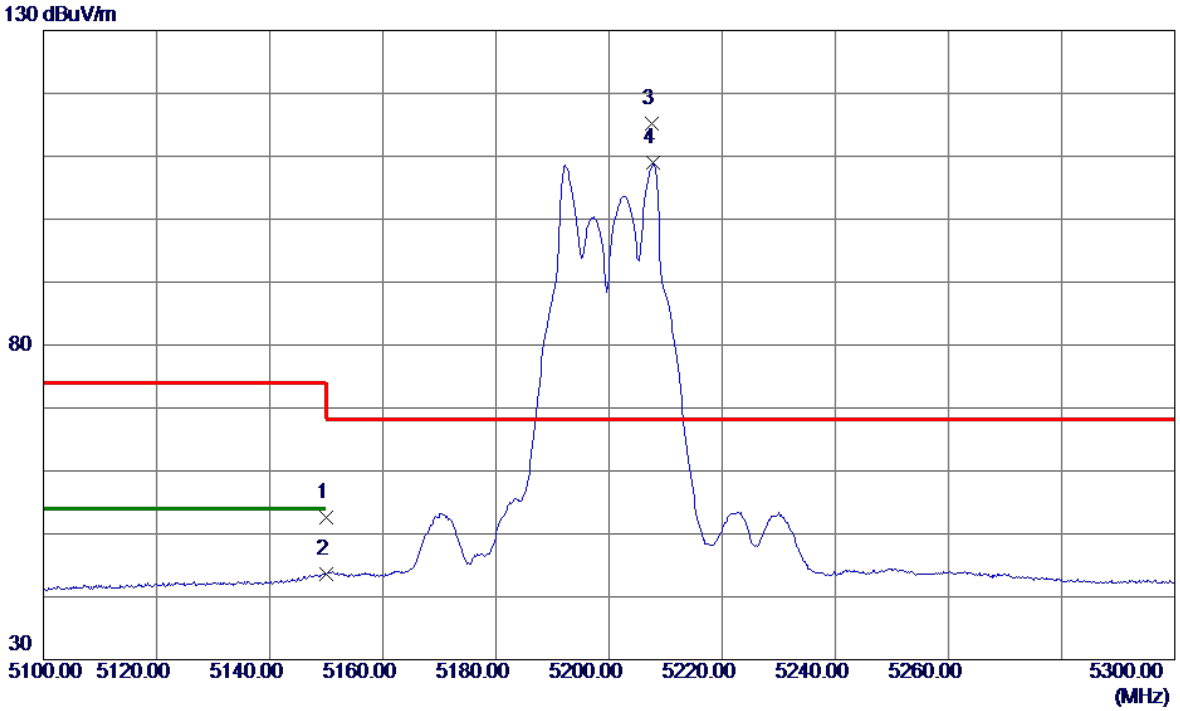
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15524.7750	28.40	7.41	35.81	54.00	-18.19	AVG	
2	15554.5250	38.65	7.45	46.10	74.00	-27.90	Peak	

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

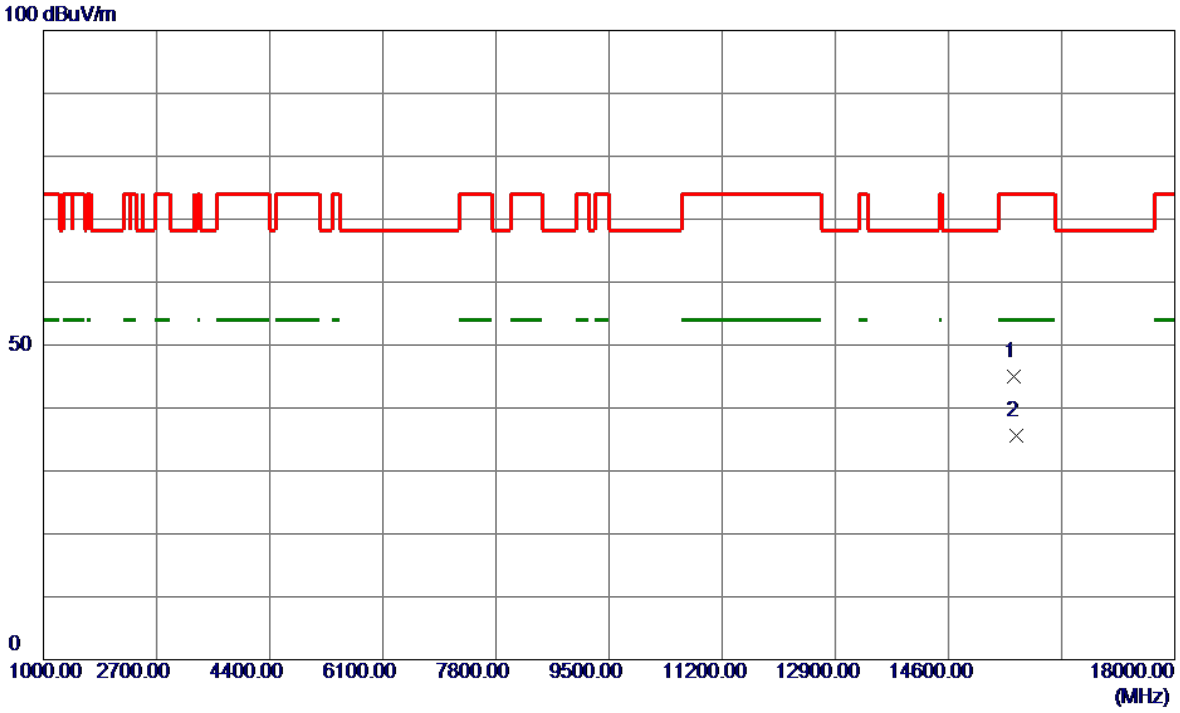
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	41.07	11.45	52.52	74.00	-21.48	Peak	
2	5150.0000	32.22	11.45	43.67	54.00	-10.33	AVG	
3 *	5207.5000	103.52	11.65	115.17	68.20	46.97	Peak	No Limit
4	5207.8000	97.35	11.65	109.00	999.00	-890.00	AVG	No Limit

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

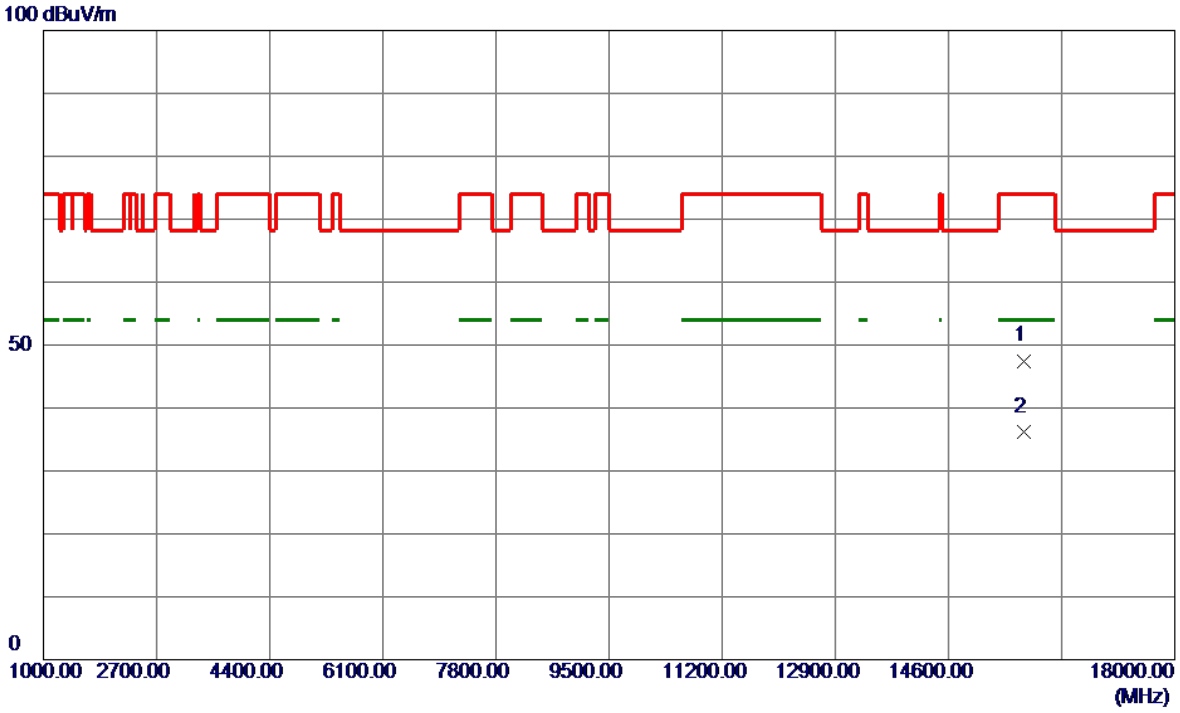
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15591.3000	37.43	7.49	44.92	74.00	-29.08	Peak	
2 *	15619.6750	28.14	7.53	35.67	54.00	-18.33	AVG	

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

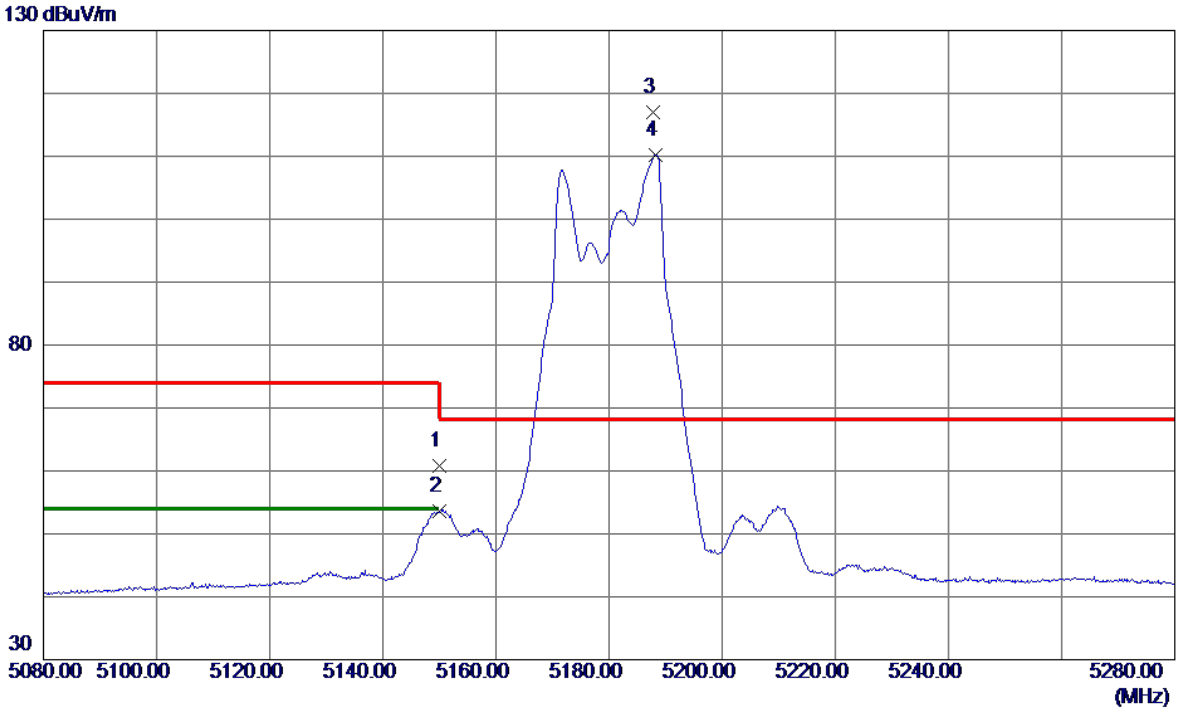
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15737.4750	39.83	7.67	47.50	74.00	-26.50	Peak	
2 *	15739.2250	28.50	7.67	36.17	54.00	-17.83	AVG	

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

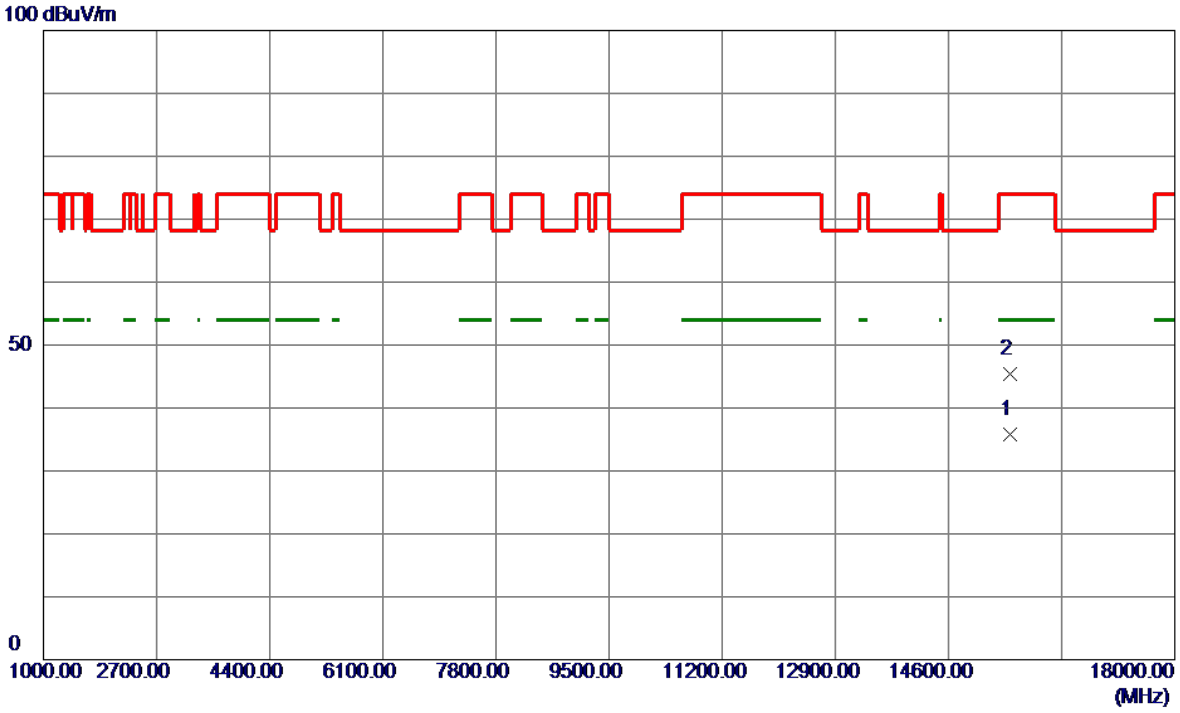
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	49.28	11.45	60.73	74.00	-13.27	Peak	
2	5150.0000	42.19	11.45	53.64	54.00	-0.36	AVG	
3 *	5187.7000	105.40	11.58	116.98	68.20	48.78	Peak	No Limit
4	5188.3000	98.57	11.59	110.16	999.00	-888.84	AVG	No Limit

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

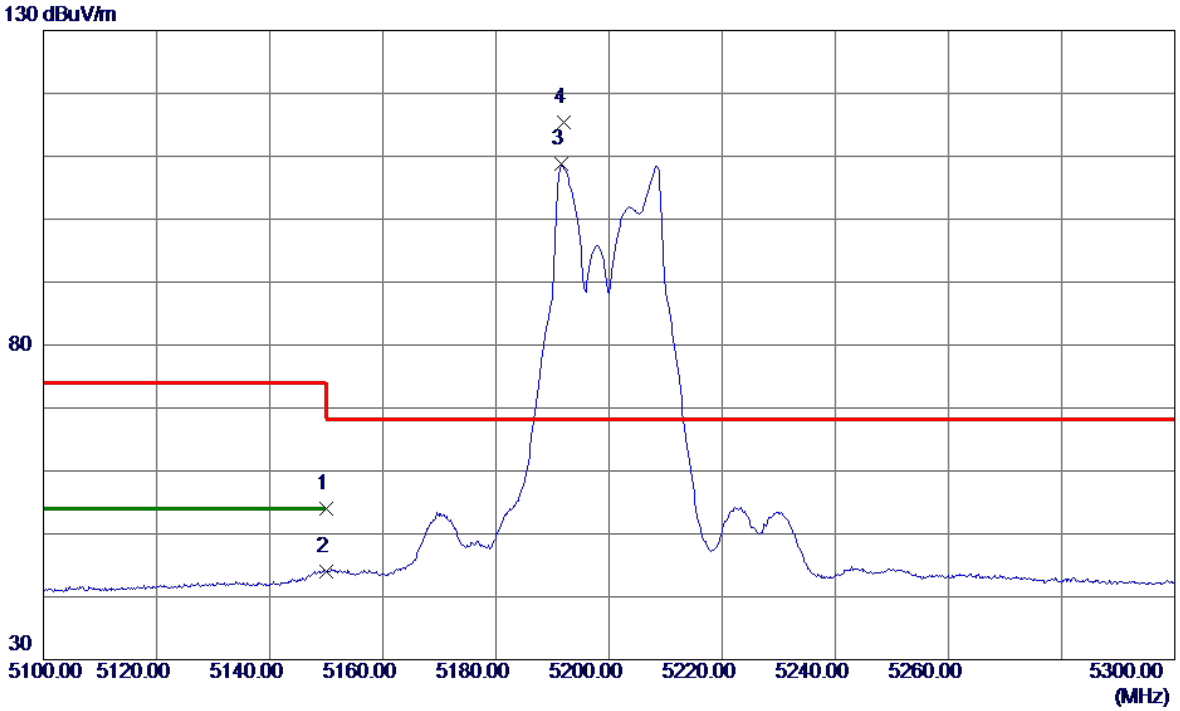
Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15521.8000	28.34	7.41	35.75	54.00	-18.25	AVG	
2	15522.0000	37.96	7.41	45.37	74.00	-28.63	Peak	

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

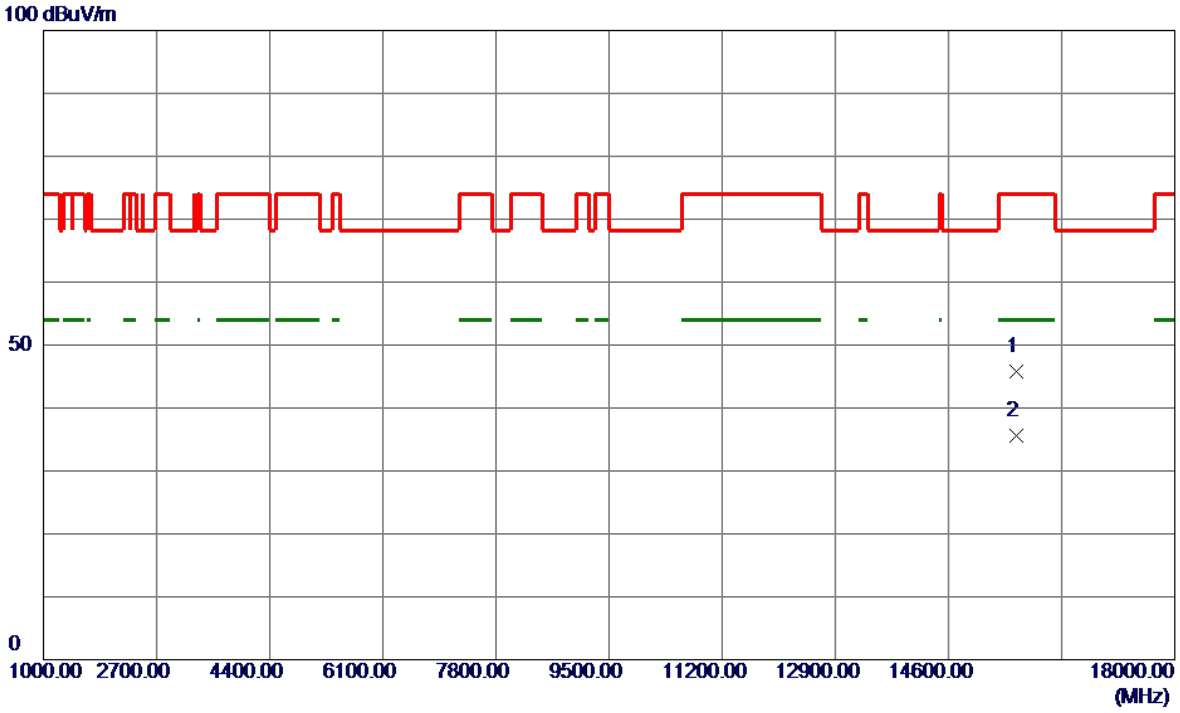
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	42.57	11.45	54.02	74.00	-19.98	Peak	
2	5150.0000	32.59	11.45	44.04	54.00	-9.96	AVG	
3	5191.6000	97.15	11.60	108.75	999.00	-890.25	AVG	No Limit
4 *	5192.0000	103.83	11.60	115.43	68.20	47.23	Peak	No Limit

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

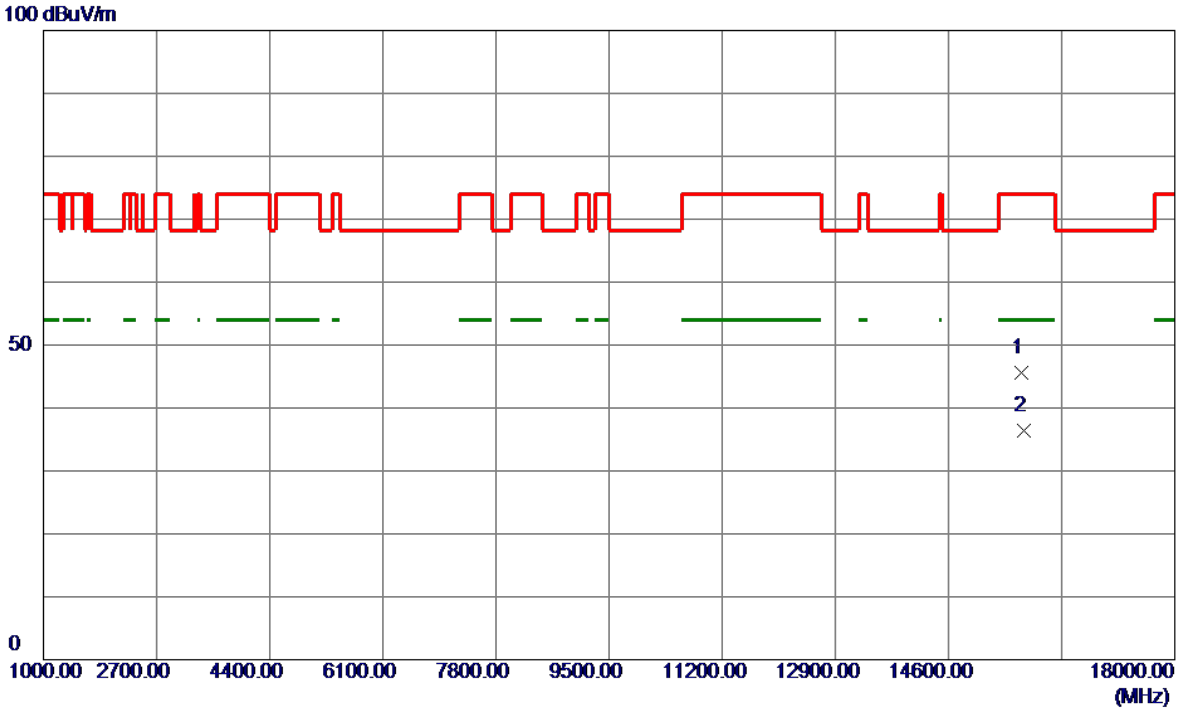
Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15618.3250	38.28	7.53	45.81	74.00	-28.19	Peak	
2 *	15618.9000	28.02	7.53	35.55	54.00	-18.45	AVG	

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

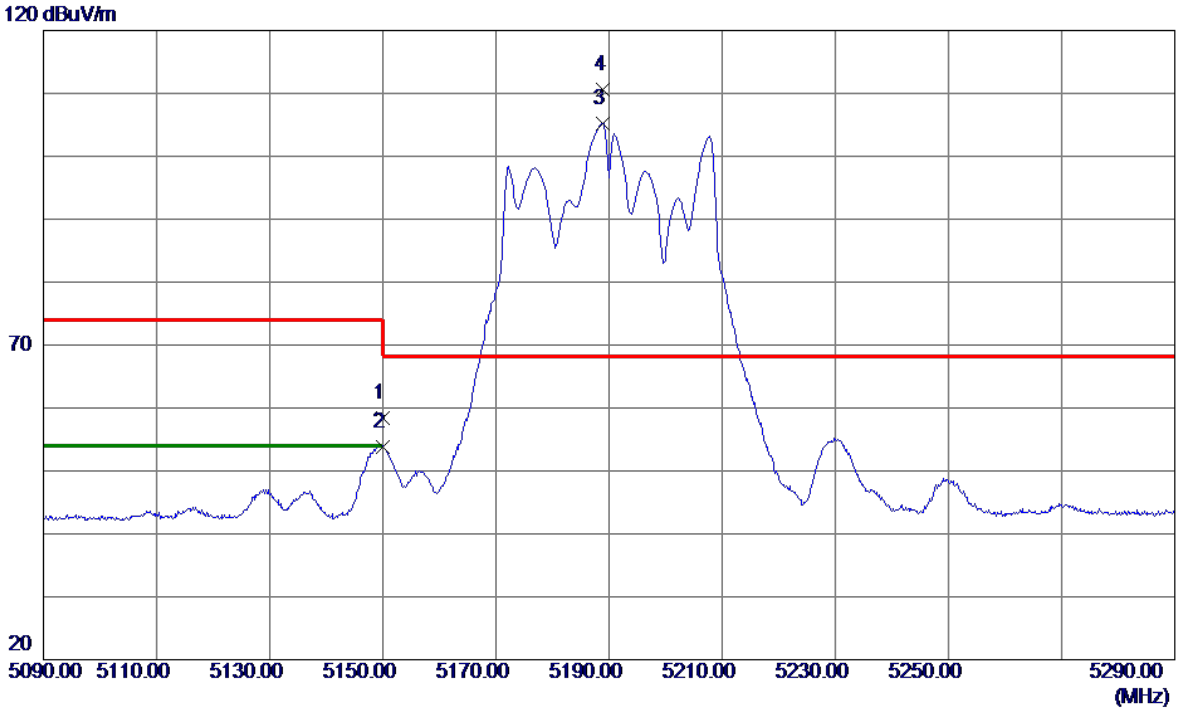
Test Mode	UNII-1_TX AC(VHT20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15697.2750	38.03	7.62	45.65	74.00	-28.35	Peak	
2 *	15740.2250	28.72	7.67	36.39	54.00	-17.61	AVG	

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

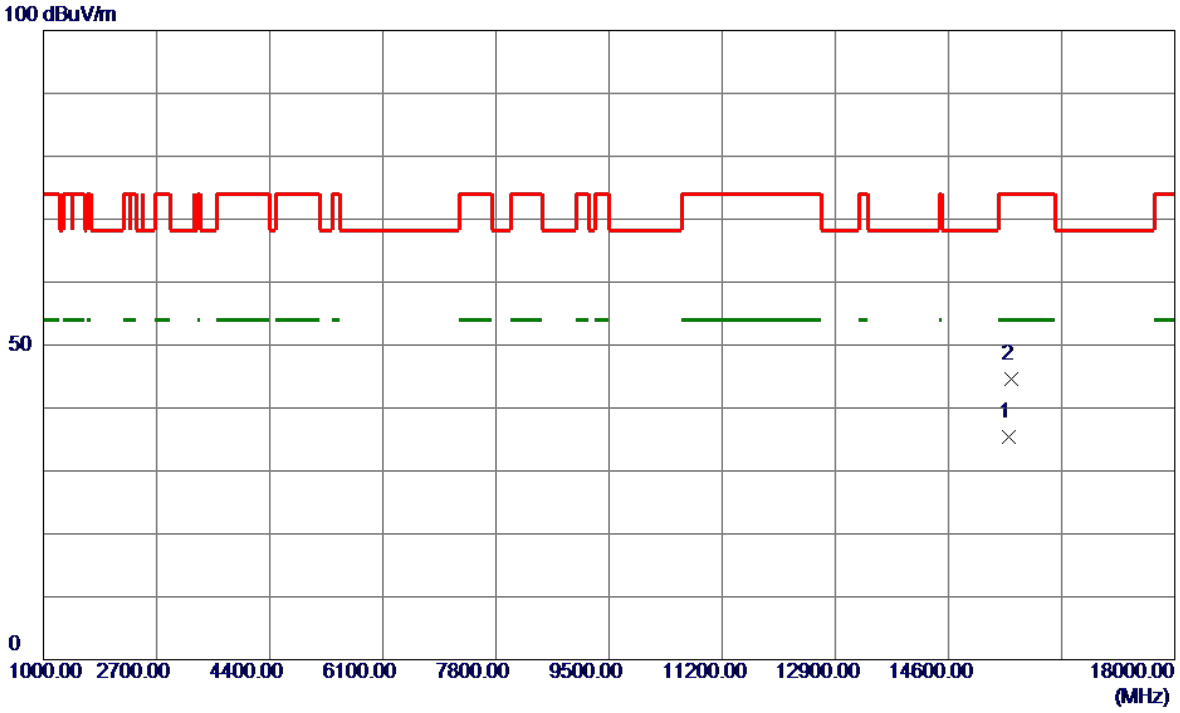
Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.91	11.45	58.36	74.00	-15.64	Peak	
2	5150.0000	42.33	11.45	53.78	54.00	-0.22	AVG	
3	5188.8000	93.66	11.59	105.25	999.00	-893.75	AVG	No Limit
4 *	5189.0000	98.92	11.59	110.51	68.20	42.31	Peak	No Limit

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

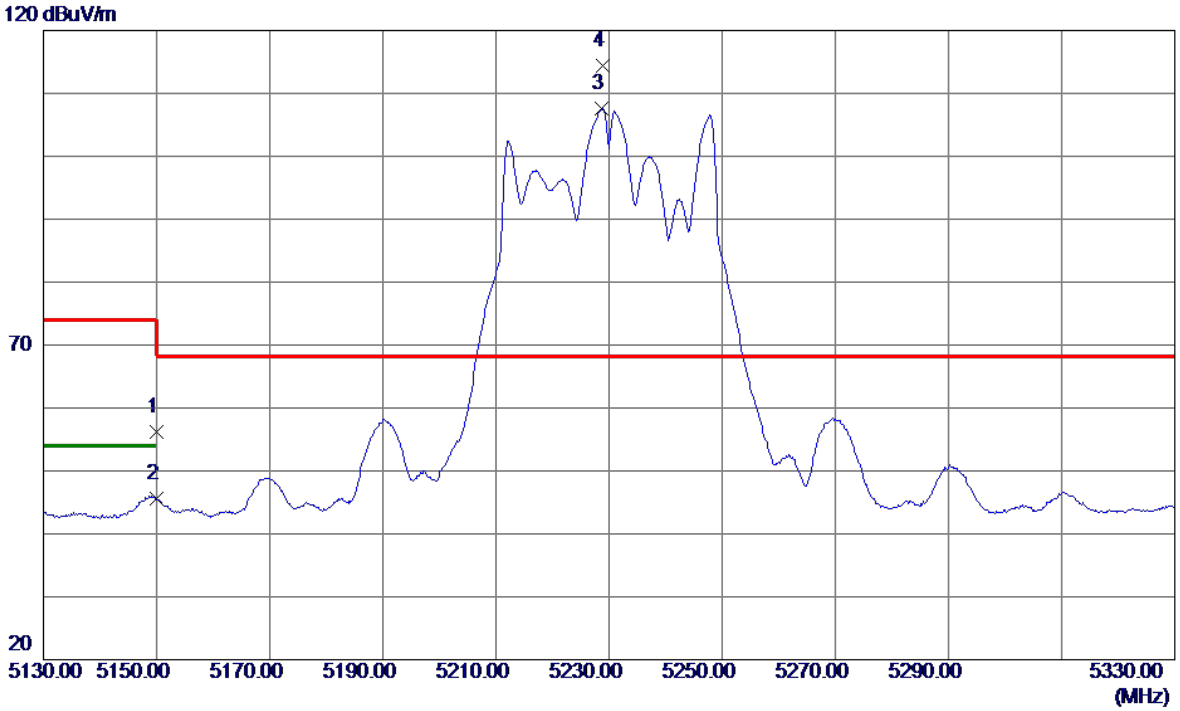
Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15512.7000	28.07	7.40	35.47	54.00	-18.53	AVG	
2	15535.8000	37.20	7.43	44.63	74.00	-29.37	Peak	

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

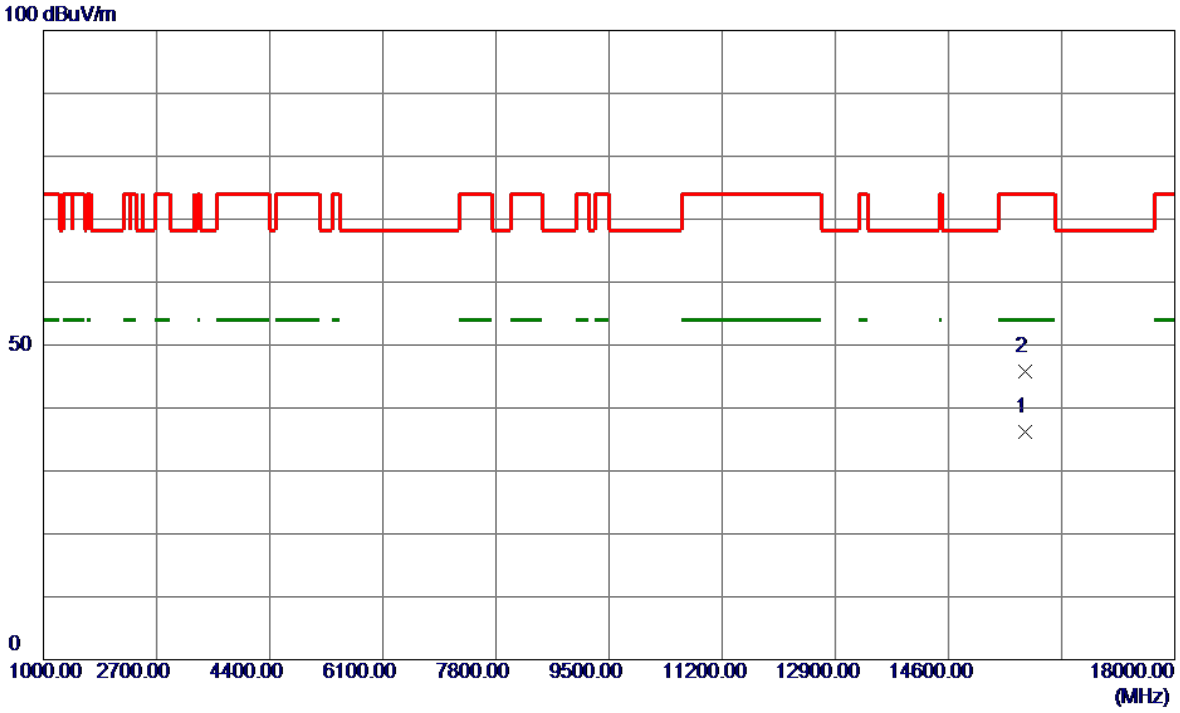
Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.80	11.45	56.25	74.00	-17.75	Peak	
2	5150.0000	34.21	11.45	45.66	54.00	-8.34	AVG	
3	5228.7000	95.81	11.72	107.53	999.00	-891.47	AVG	No Limit
4 *	5228.9000	102.72	11.73	114.45	68.20	46.25	Peak	No Limit

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

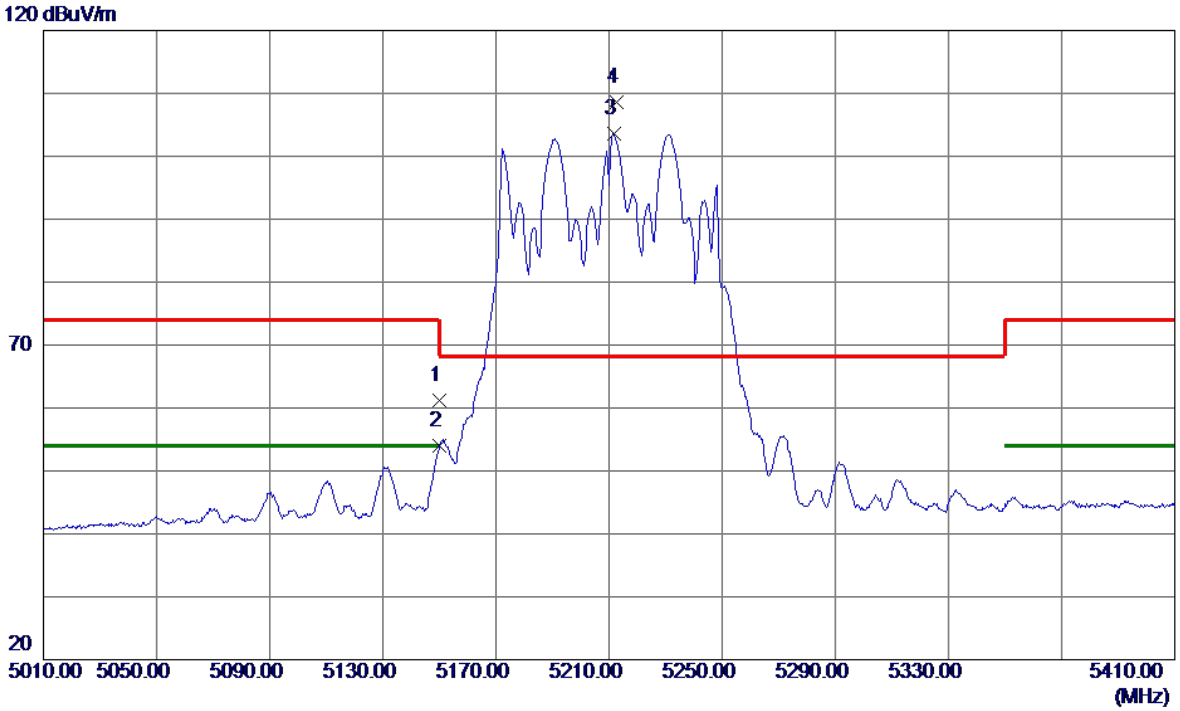
Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15743.8000	28.49	7.67	36.16	54.00	-17.84	AVG	
2	15747.9000	38.18	7.68	45.86	74.00	-28.14	Peak	

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

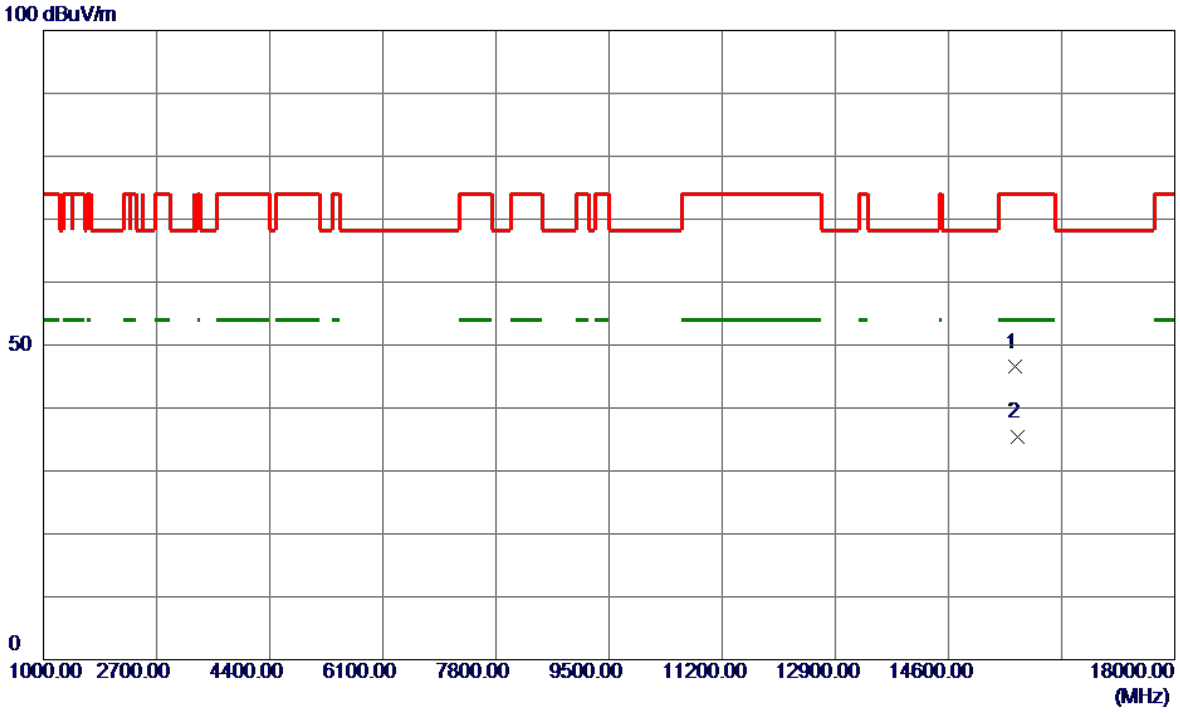
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	49.80	11.45	61.25	74.00	-12.75	Peak	
2	5150.0000	42.49	11.45	53.94	54.00	-0.06	AVG	
3	5211.8000	91.87	11.67	103.54	999.00	-895.46	AVG	No Limit
4 *	5212.6000	96.84	11.67	108.51	68.20	40.31	Peak	No Limit

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

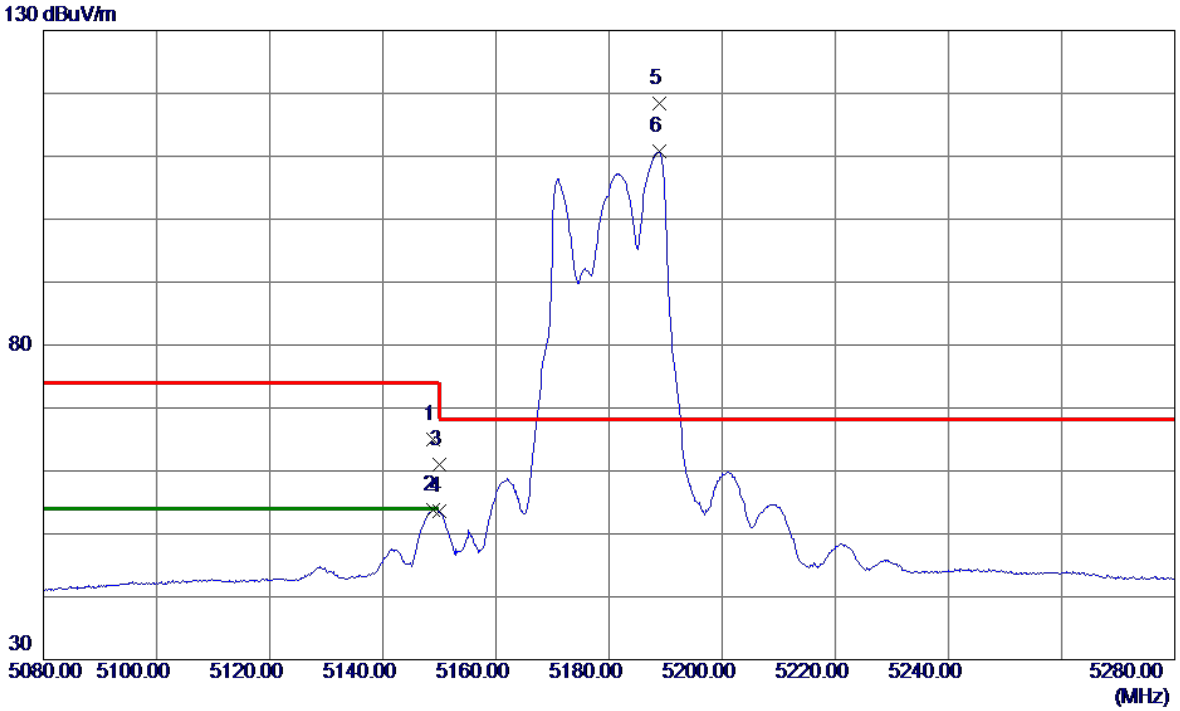
Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15607.8250	38.99	7.51	46.50	74.00	-27.50	Peak	
2 *	15646.8750	27.83	7.56	35.39	54.00	-18.61	AVG	

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

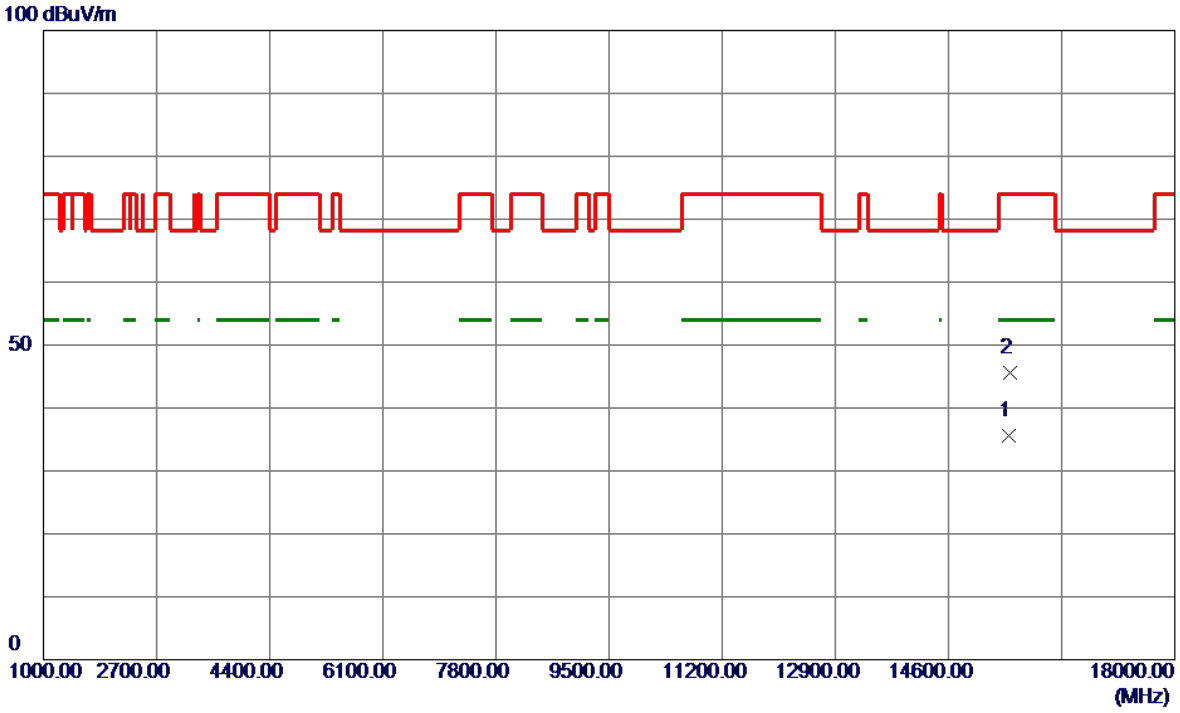
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5148.8000	53.53	11.45	64.98	74.00	-9.02	Peak	
2	5148.8000	42.39	11.45	53.84	54.00	-0.16	AVG	
3	5150.0000	49.47	11.45	60.92	74.00	-13.08	Peak	
4	5150.0000	42.19	11.45	53.64	54.00	-0.36	AVG	
5 *	5188.8000	106.89	11.59	118.48	68.20	50.28	Peak	No Limit
6	5188.9000	99.13	11.59	110.72	999.00	-888.28	AVG	No Limit

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

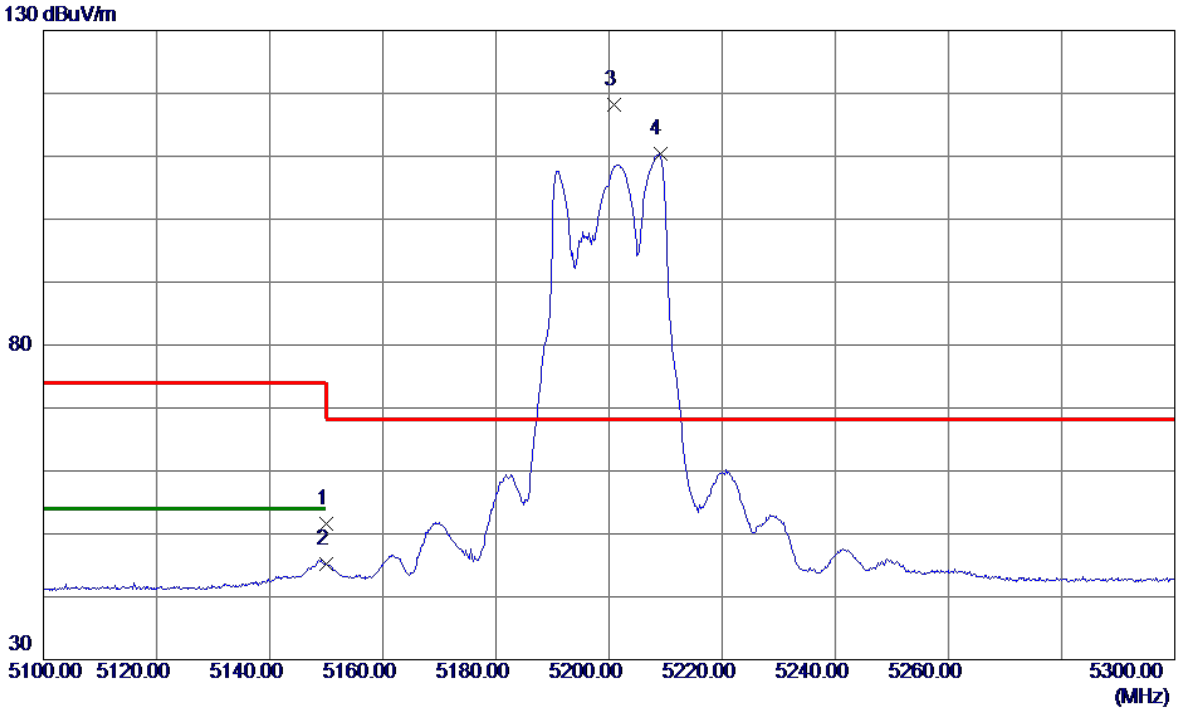
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15512.6000	28.23	7.40	35.63	54.00	-18.37	AVG	
2	15529.7000	38.20	7.42	45.62	74.00	-28.38	Peak	

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

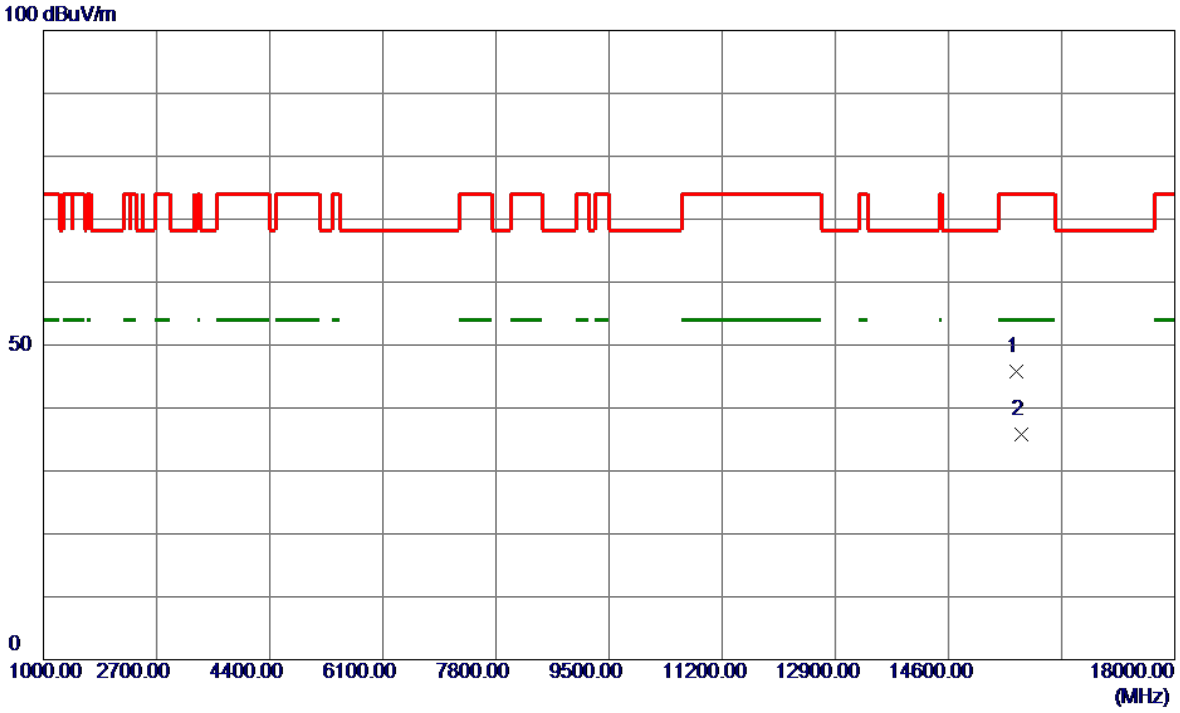
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	40.07	11.45	51.52	74.00	-22.48	Peak	
2	5150.0000	33.68	11.45	45.13	54.00	-8.87	AVG	
3 *	5200.8000	106.58	11.63	118.21	68.20	50.01	Peak	No Limit
4	5209.0000	98.78	11.66	110.44	999.00	-888.56	AVG	No Limit

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

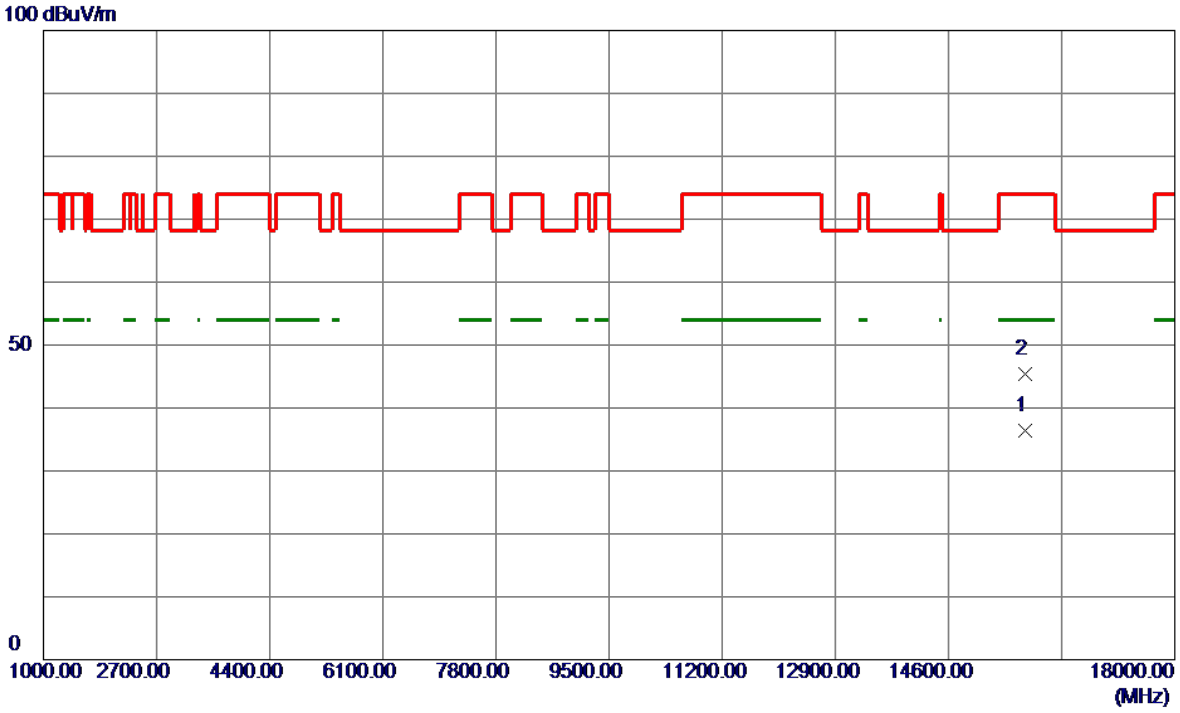
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15625.9000	38.25	7.53	45.78	74.00	-28.22	Peak	
2 *	15695.7000	28.13	7.62	35.75	54.00	-18.25	AVG	

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

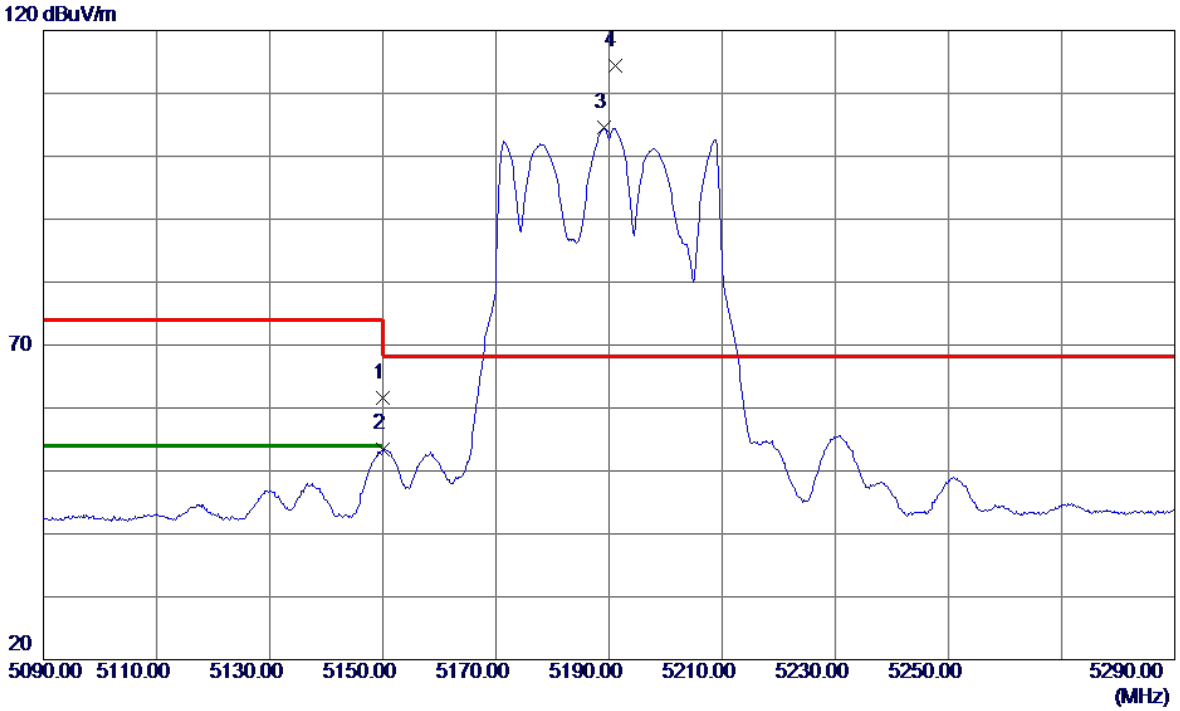
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15742.8000	28.70	7.67	36.37	54.00	-17.63	AVG	
2	15743.6000	37.81	7.67	45.48	74.00	-28.52	Peak	

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

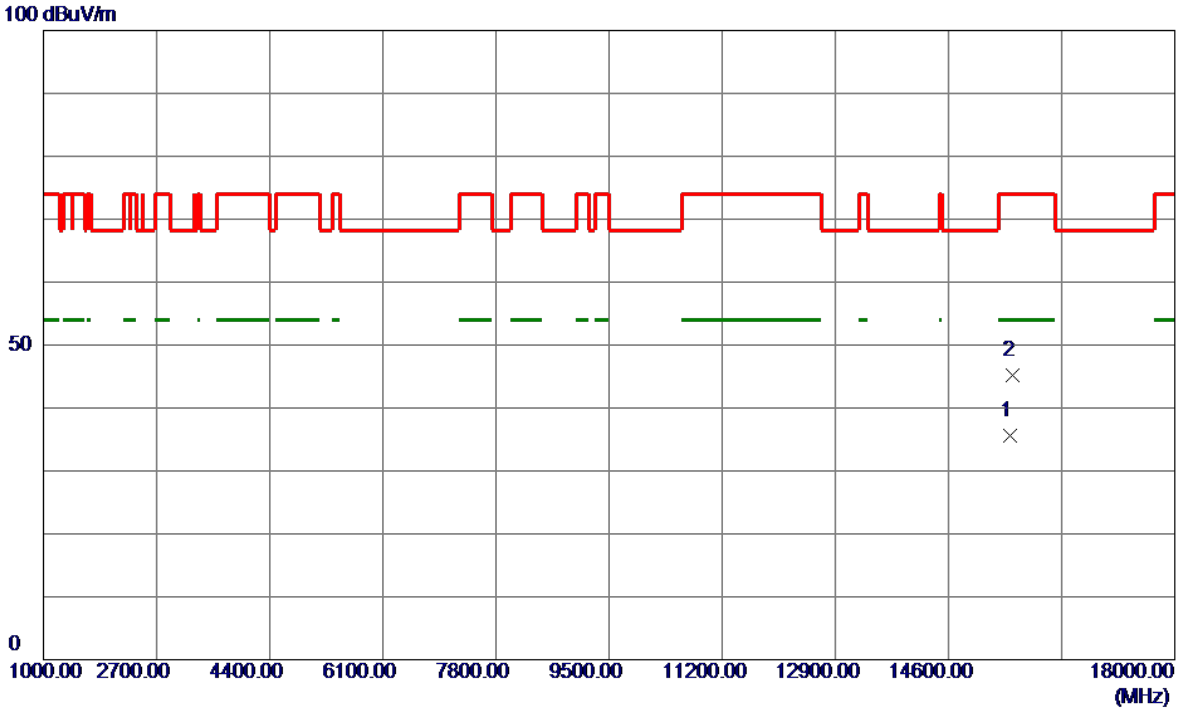
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	50.16	11.45	61.61	74.00	-12.39	Peak	
2	5150.0000	42.05	11.45	53.50	54.00	-0.50	AVG	
3	5189.1000	93.01	11.59	104.60	999.00	-894.40	AVG	No Limit
4 *	5191.0000	102.80	11.60	114.40	68.20	46.20	Peak	No Limit

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

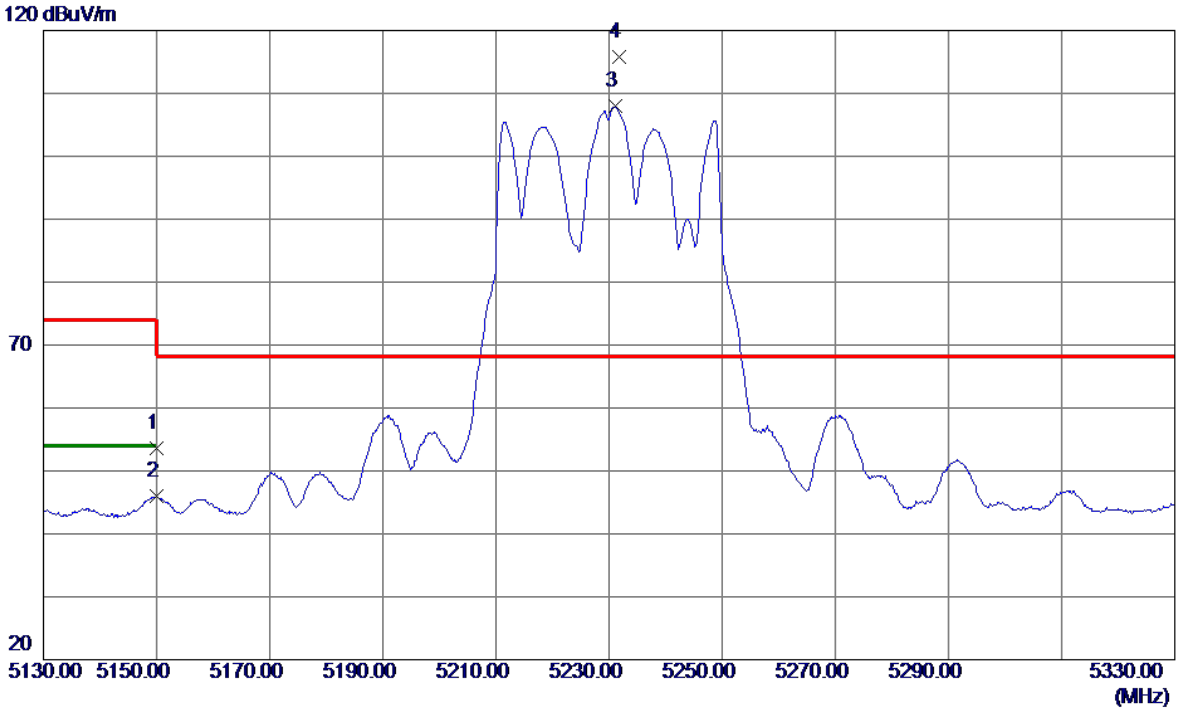
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15522.8000	28.18	7.41	35.59	54.00	-18.41	AVG	
2	15559.8000	37.67	7.46	45.13	74.00	-28.87	Peak	

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

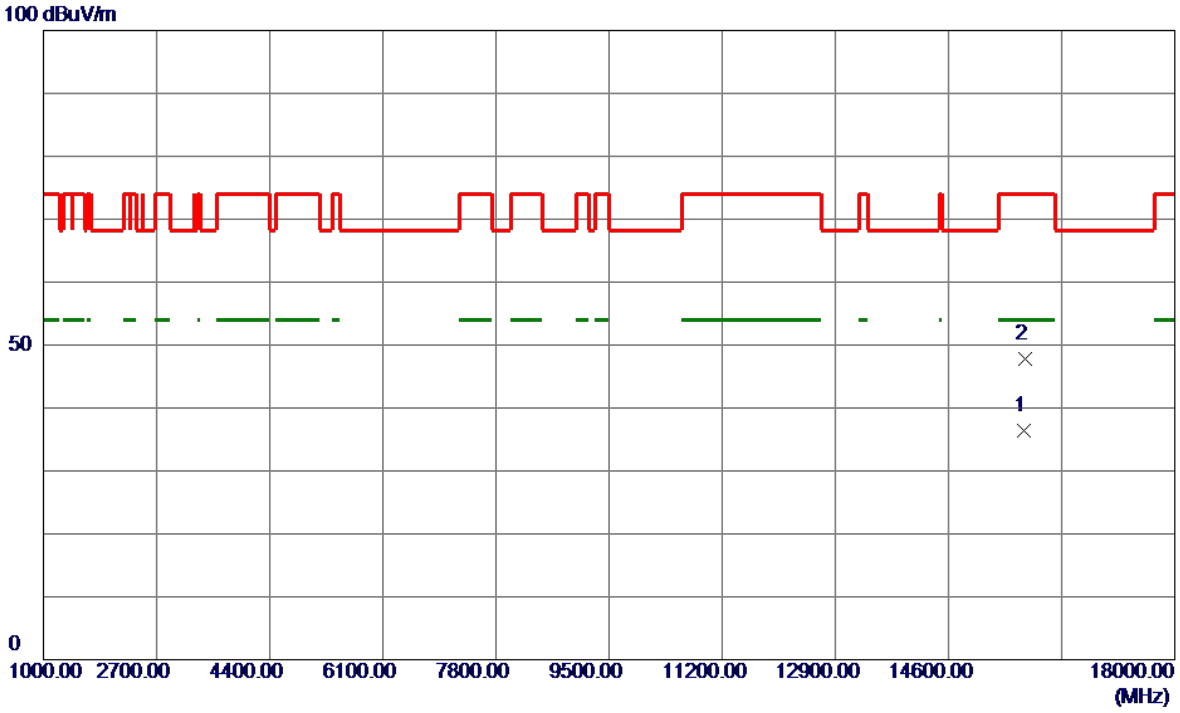
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	42.06	11.45	53.51	74.00	-20.49	Peak	
2	5150.0000	34.46	11.45	45.91	54.00	-8.09	AVG	
3	5231.1000	96.18	11.73	107.91	999.00	-891.09	AVG	No Limit
4 *	5231.8000	104.06	11.74	115.80	68.20	47.60	Peak	No Limit

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

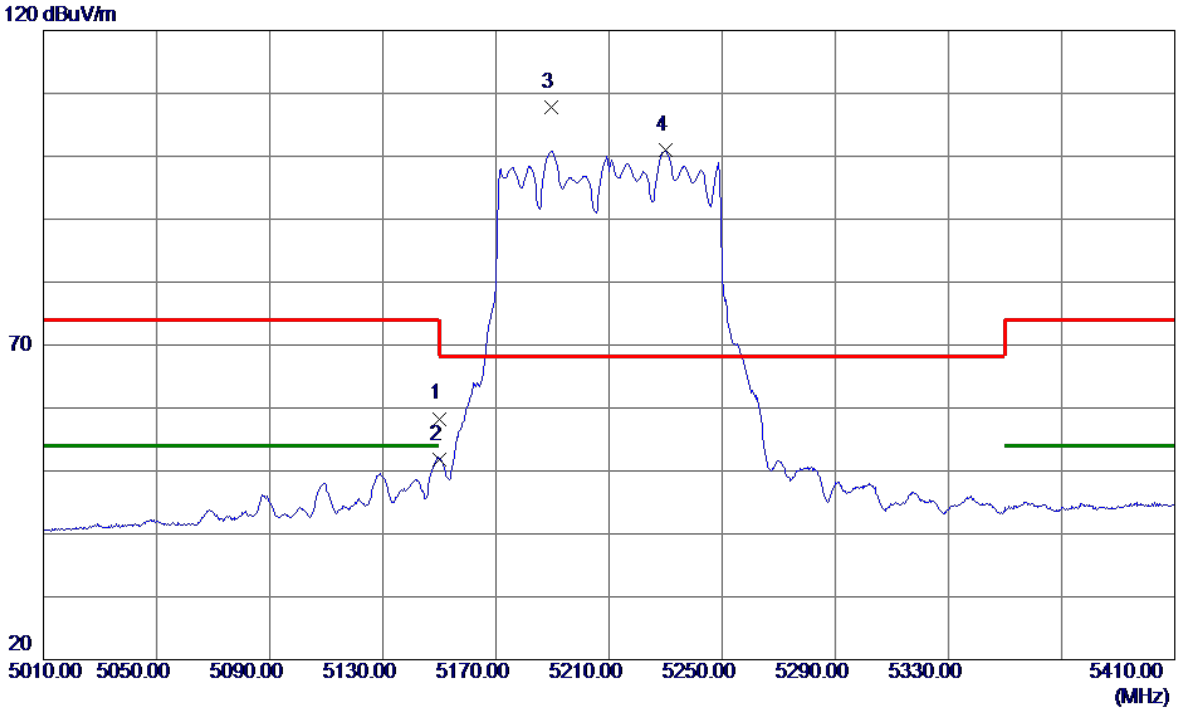
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15730.2000	28.65	7.66	36.31	54.00	-17.69	AVG	
2	15747.3000	40.14	7.68	47.82	74.00	-26.18	Peak	

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

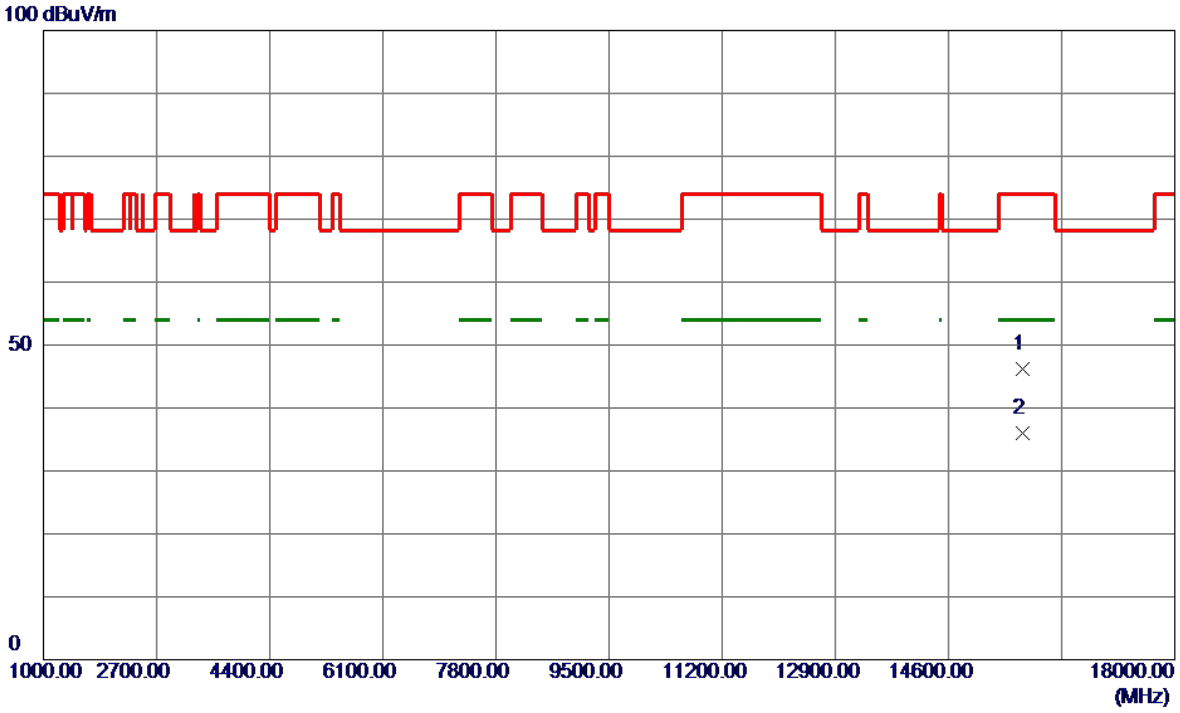
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.85	11.45	58.30	74.00	-15.70	Peak	
2	5150.0000	40.38	11.45	51.83	54.00	-2.17	AVG	
3 *	5189.6000	96.21	11.59	107.80	68.20	39.60	Peak	No Limit
4	5229.8000	89.32	11.73	101.05	999.00	-897.95	AVG	No Limit

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

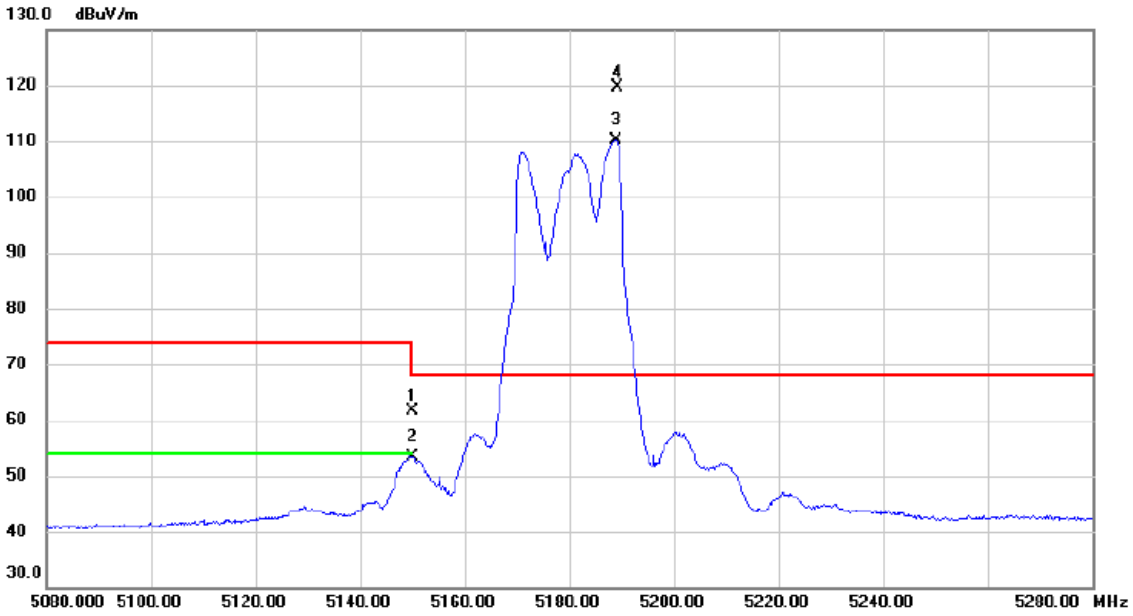
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15711.8000	38.55	7.64	46.19	74.00	-27.81	Peak	
2 *	15723.5000	28.28	7.65	35.93	54.00	-18.07	AVG	

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

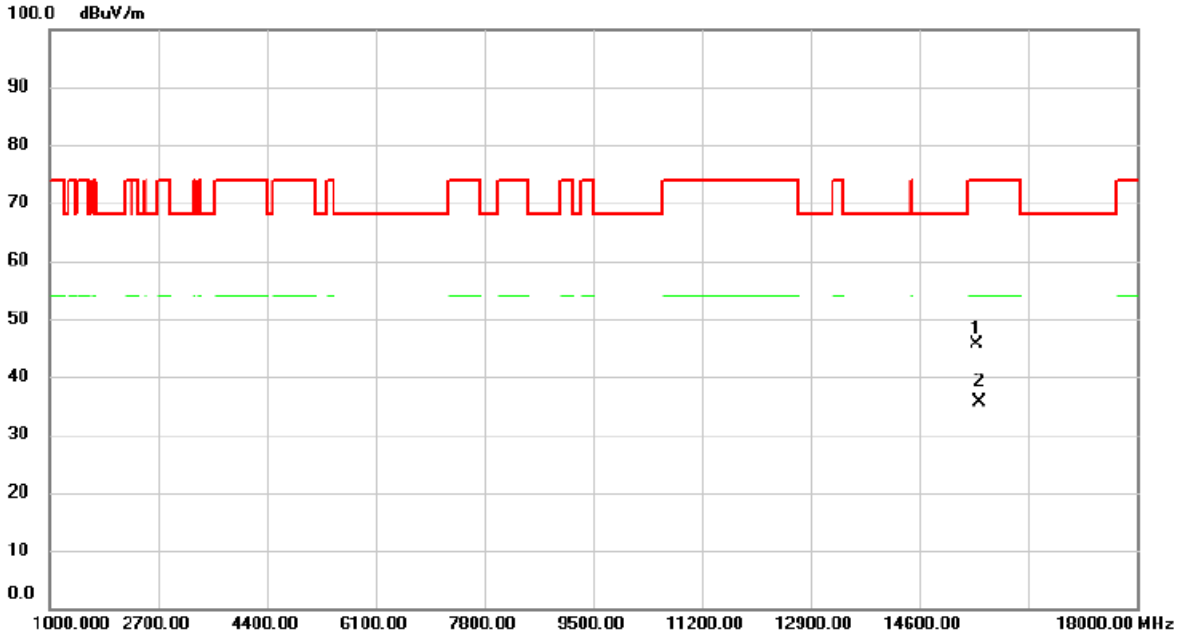
Test Mode	UNII-1_TX BE(EHT20) Mode 5180 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	50.17	11.45	61.62	74.00	-12.38	peak	
2		5150.000	41.96	11.45	53.41	54.00	-0.59	AVG	
3	X	5188.800	98.54	11.59	110.13	68.20	41.93	AVG	No Limit
4	*	5189.200	107.9	11.59	119.55	68.20	51.35	peak	No Limit

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

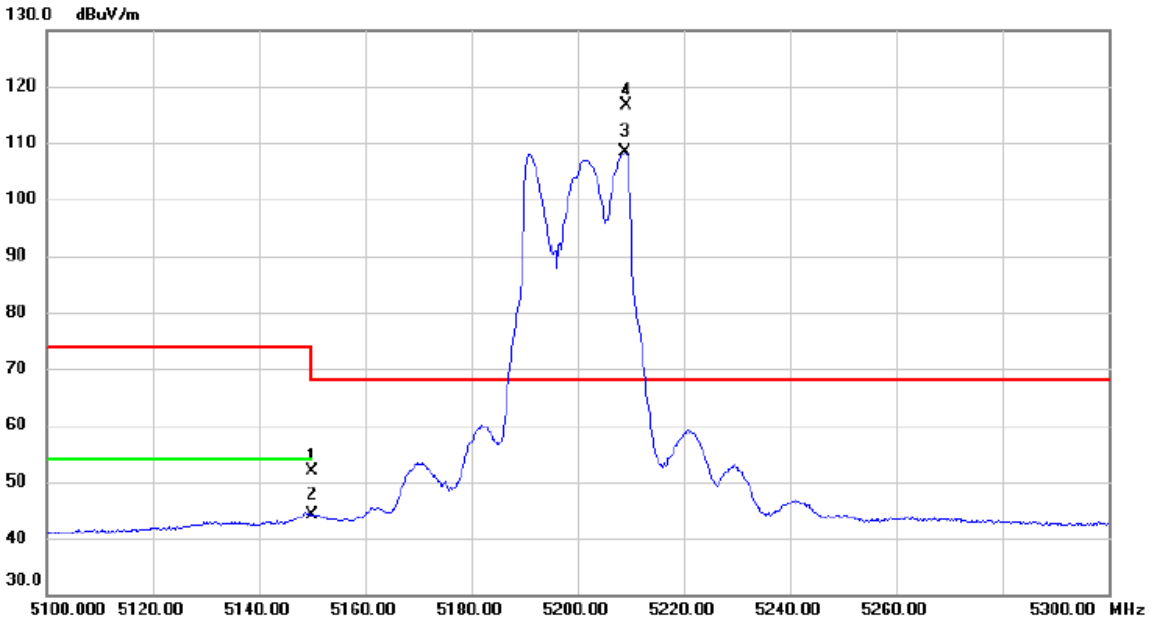
Test Mode	UNII-1_TX BE(EHT20) Mode 5180 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		15499.80	38.17	7.38	45.55	74.00	-28.45	peak	
2	*	15544.70	28.10	7.44	35.54	54.00	-18.46	AVG	

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

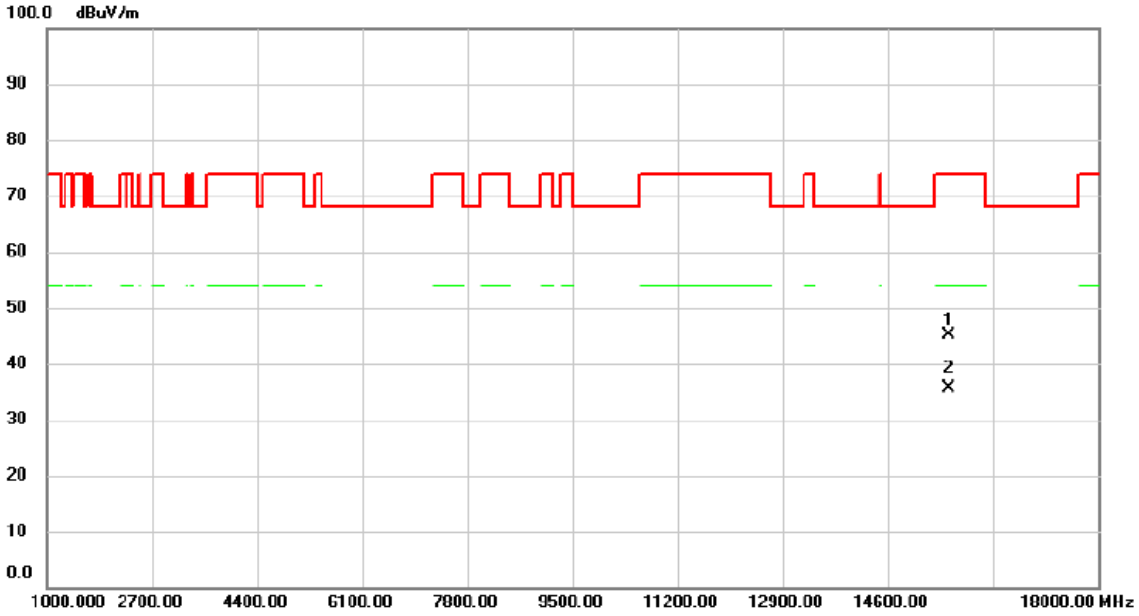
Test Mode	UNII-1_TX BE(EHT20) Mode 5200 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	40.33	11.45	51.78	74.00	-22.22	peak	
2		5150.000	32.75	11.45	44.20	54.00	-9.80	AVG	
3	X	5209.000	96.76	11.67	108.43	68.20	40.23	AVG	No Limit
4	*	5209.100	104.8	11.67	116.53	68.20	48.33	peak	No Limit

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

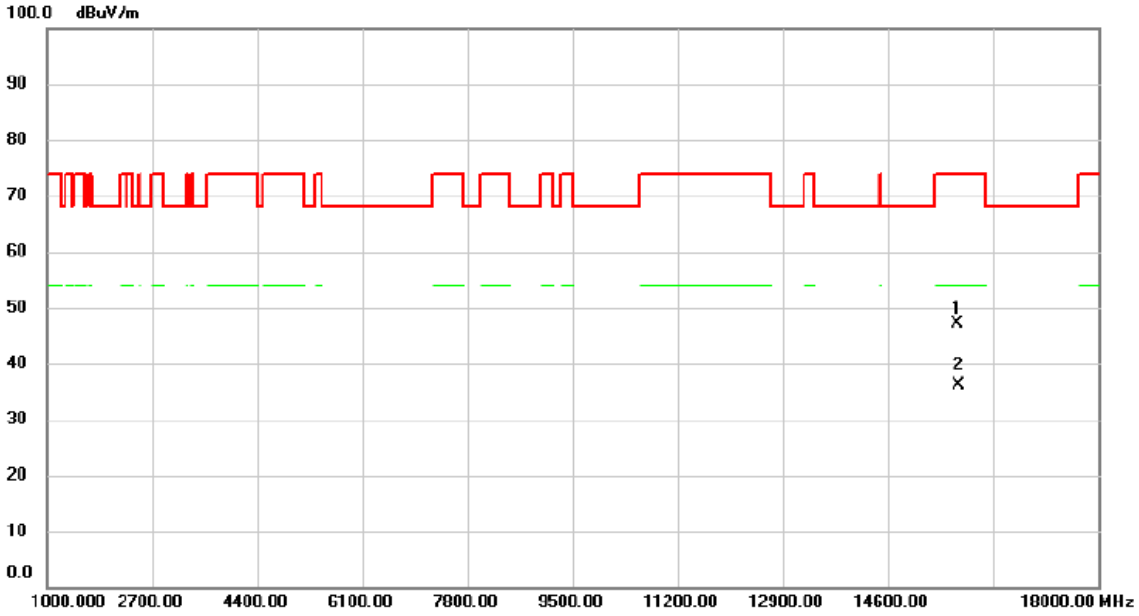
Test Mode	UNII-1_TX BE(EHT20) Mode 5200 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		15577.75	37.60	7.47	45.07	74.00	-28.93	peak	
2	*	15589.37	28.06	7.49	35.55	54.00	-18.45	AVG	

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

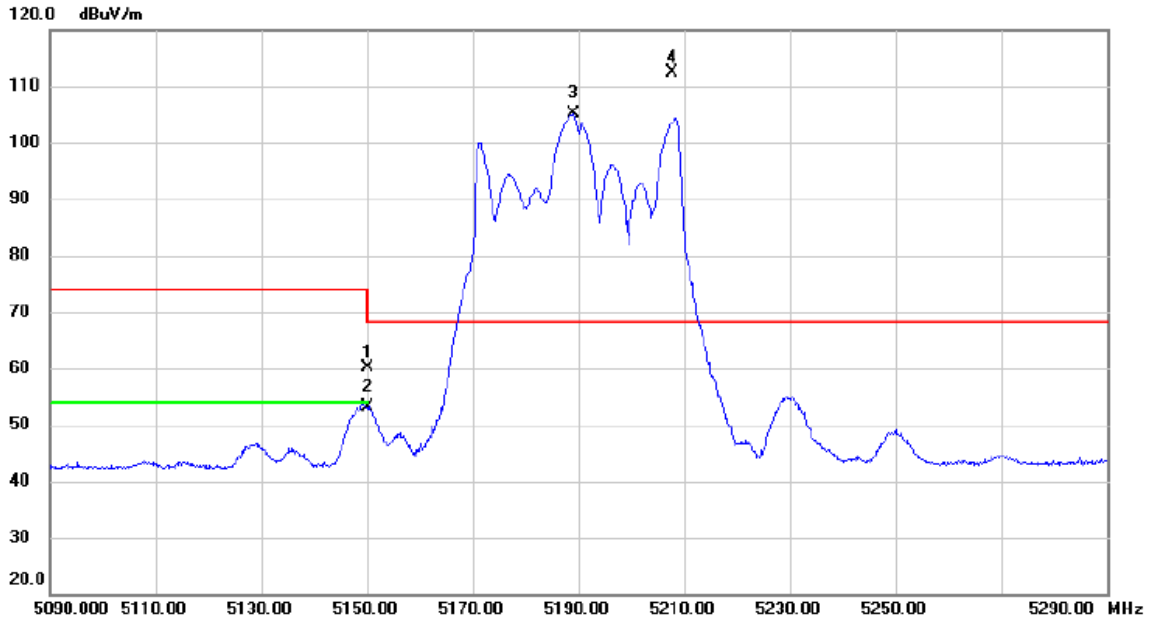
Test Mode	UNII-1_TX BE(EHT20) Mode 5240 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		15712.10	39.39	7.64	47.03	74.00	-26.97	peak	
2	*	15735.57	28.44	7.66	36.10	54.00	-17.90	AVG	

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

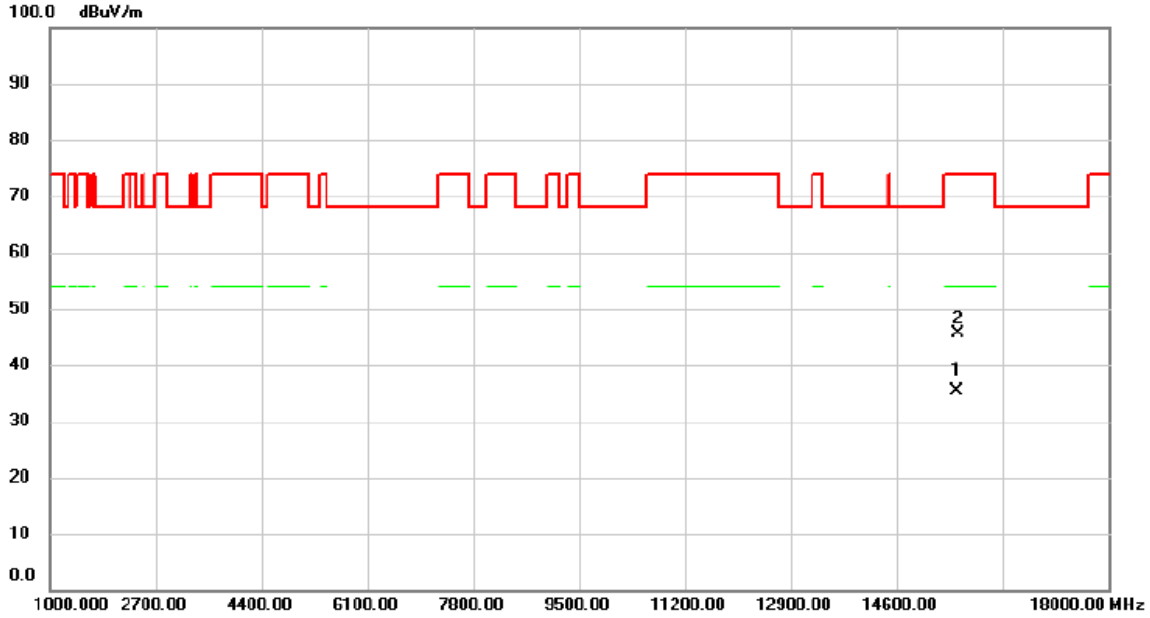
Test Mode	UNII-1_TX BE(EHT40) Mode 5190 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	48.77	11.45	60.22	74.00	-13.78	peak	
2		5150.000	41.56	11.45	53.01	54.00	-0.99	AVG	
3	X	5189.100	93.45	11.59	105.04	68.20	36.84	AVG	No Limit
4	*	5207.800	100.8	11.65	112.48	68.20	44.28	peak	No Limit

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

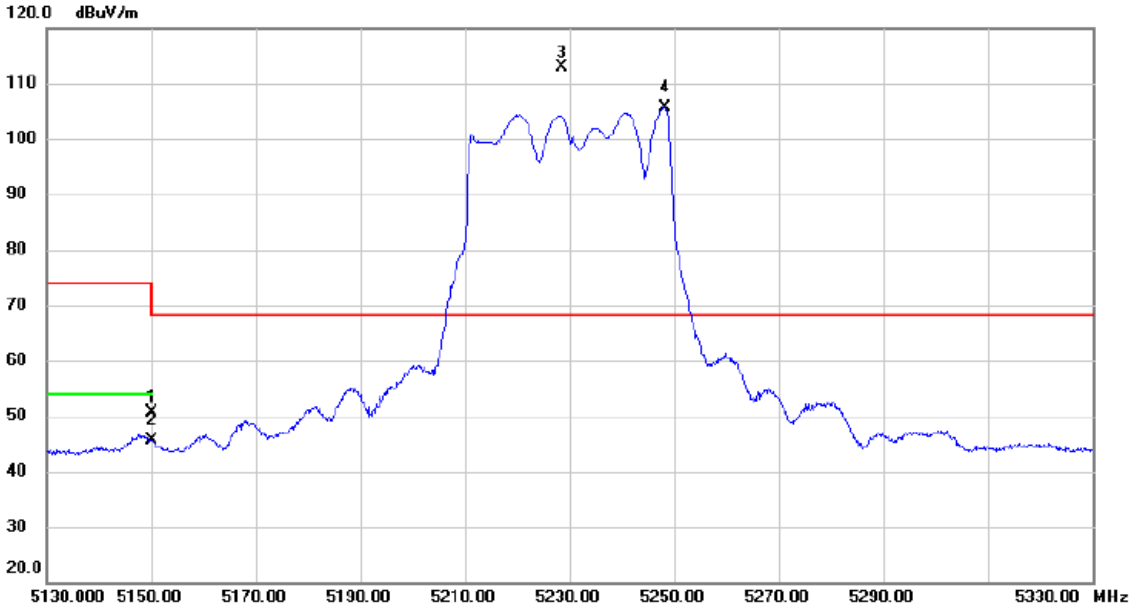
Test Mode	UNII-1_TX BE(EHT40) Mode 5190 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	15553.17	28.05	7.44	35.49	54.00	-18.51	AVG	
2		15586.97	38.14	7.49	45.63	74.00	-28.37	peak	

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

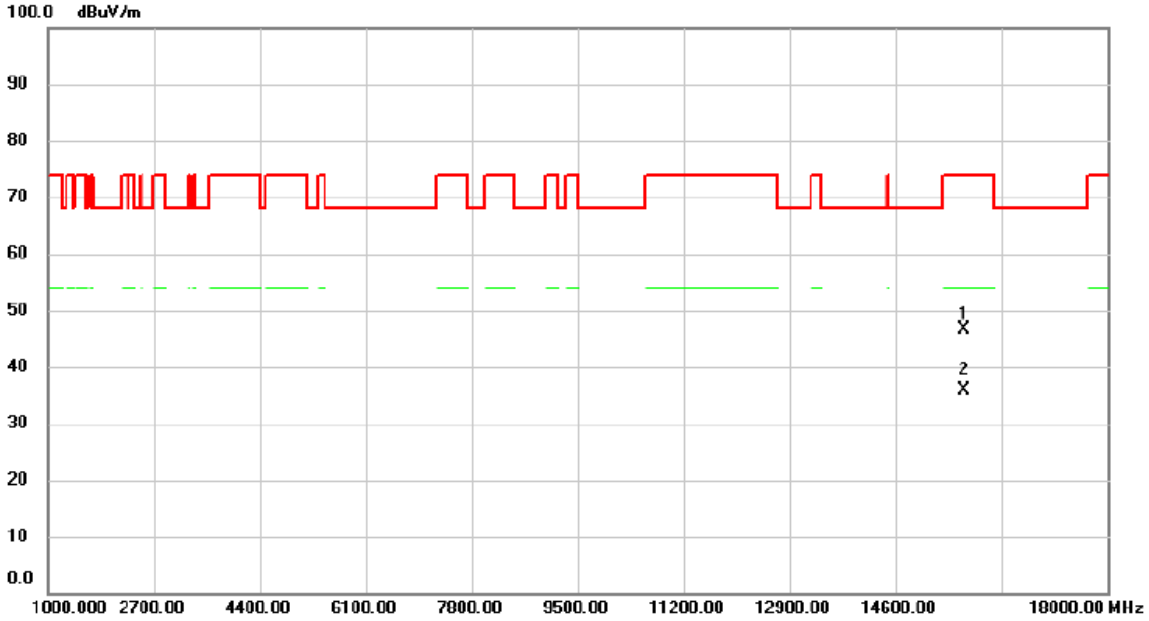
Test Mode	UNII-1_TX BE(EHT40) Mode 5230 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	39.16	11.45	50.61	74.00	-23.39	peak	
2		5150.000	34.09	11.45	45.54	54.00	-8.46	AVG	
3	*	5228.600	101.1	11.72	112.84	68.20	44.64	peak	No Limit
4	X	5248.300	93.91	11.79	105.70	68.20	37.50	AVG	No Limit

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

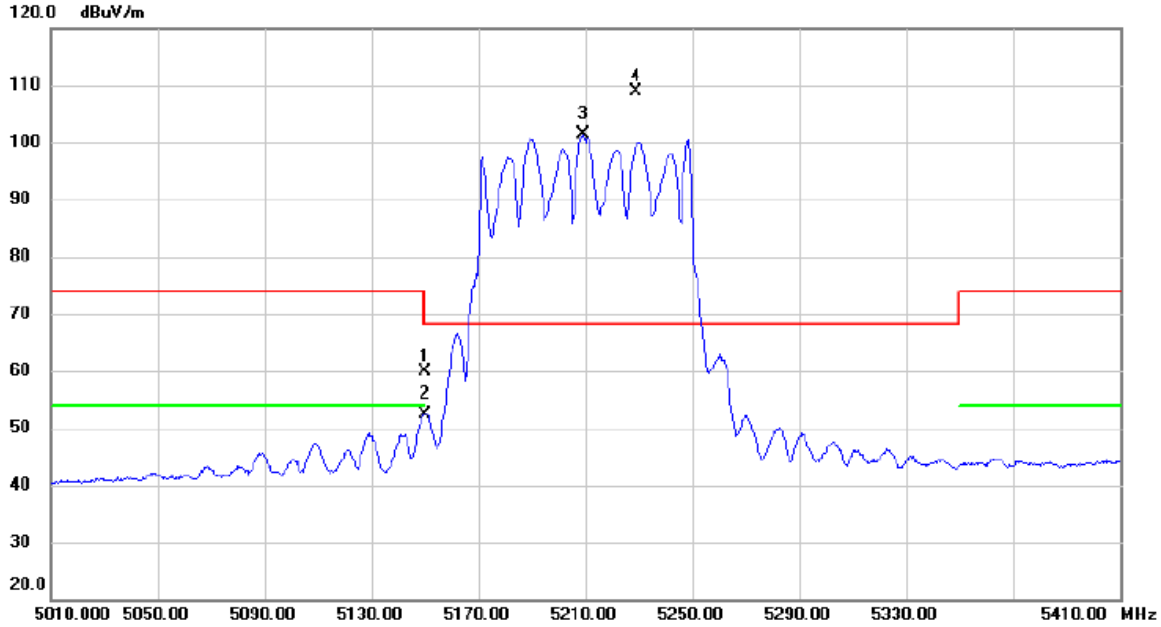
Test Mode	UNII-1_TX BE(EHT40) Mode 5230 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		15696.35	39.05	7.62	46.67	74.00	-27.33	peak	
2	*	15708.50	28.13	7.63	35.76	54.00	-18.24	AVG	

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

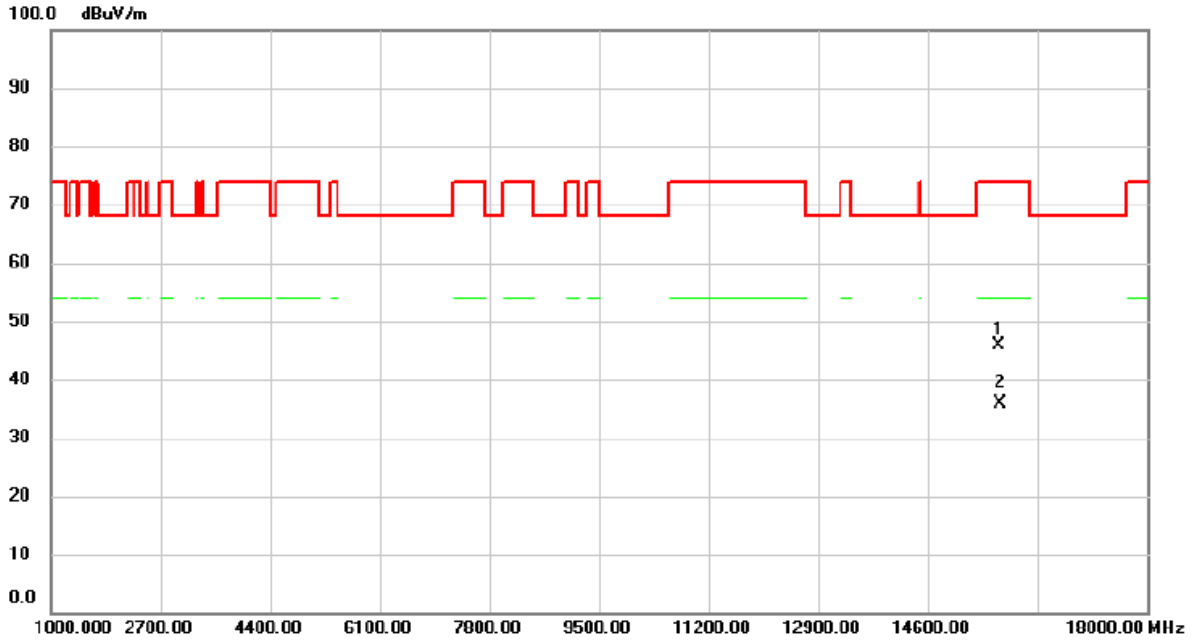
Test Mode	UNII-1_TX BE(EHT80) Mode 5210 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	48.44	11.45	59.89	74.00	-14.11	peak	
2		5150.000	41.04	11.45	52.49	54.00	-1.51	AVG	
3	X	5209.200	89.76	11.67	101.43	68.20	33.23	AVG	No Limit
4	*	5229.200	97.12	11.72	108.84	68.20	40.64	peak	No Limit

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

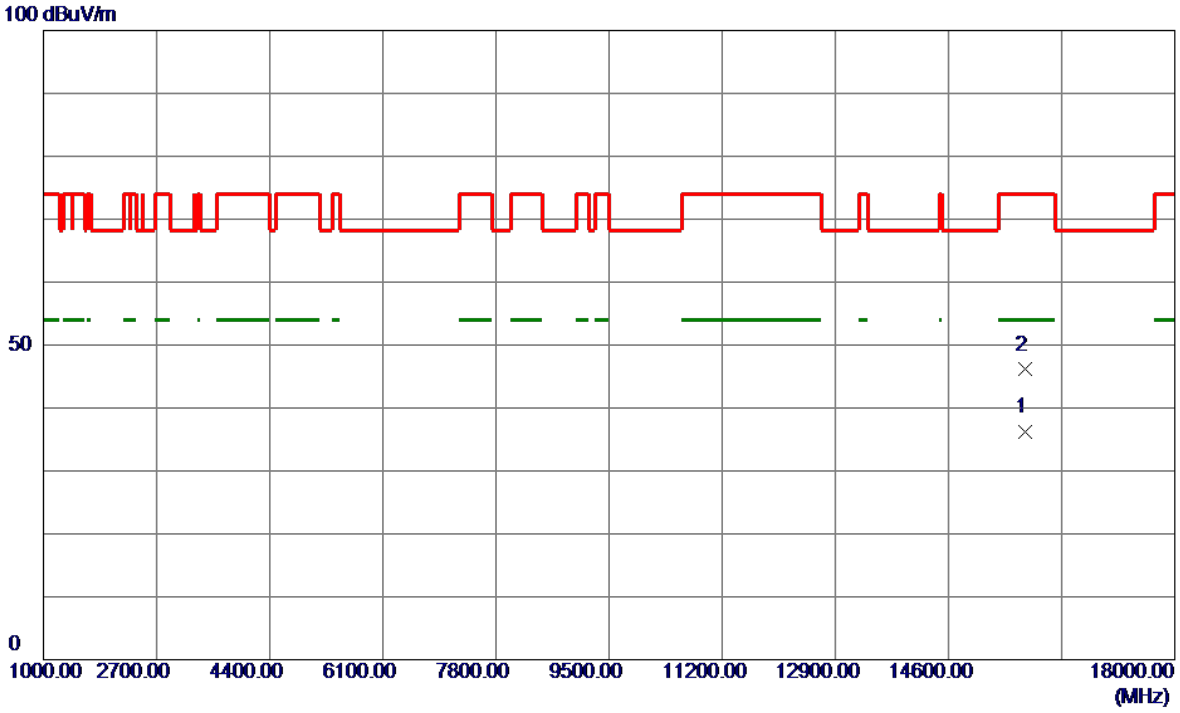
Test Mode	UNII-1_TX BE(EHT80) Mode 5210 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		15708.70	38.32	7.63	45.95	74.00	-28.05	peak	
2	*	15715.30	28.36	7.64	36.00	54.00	-18.00	AVG	

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

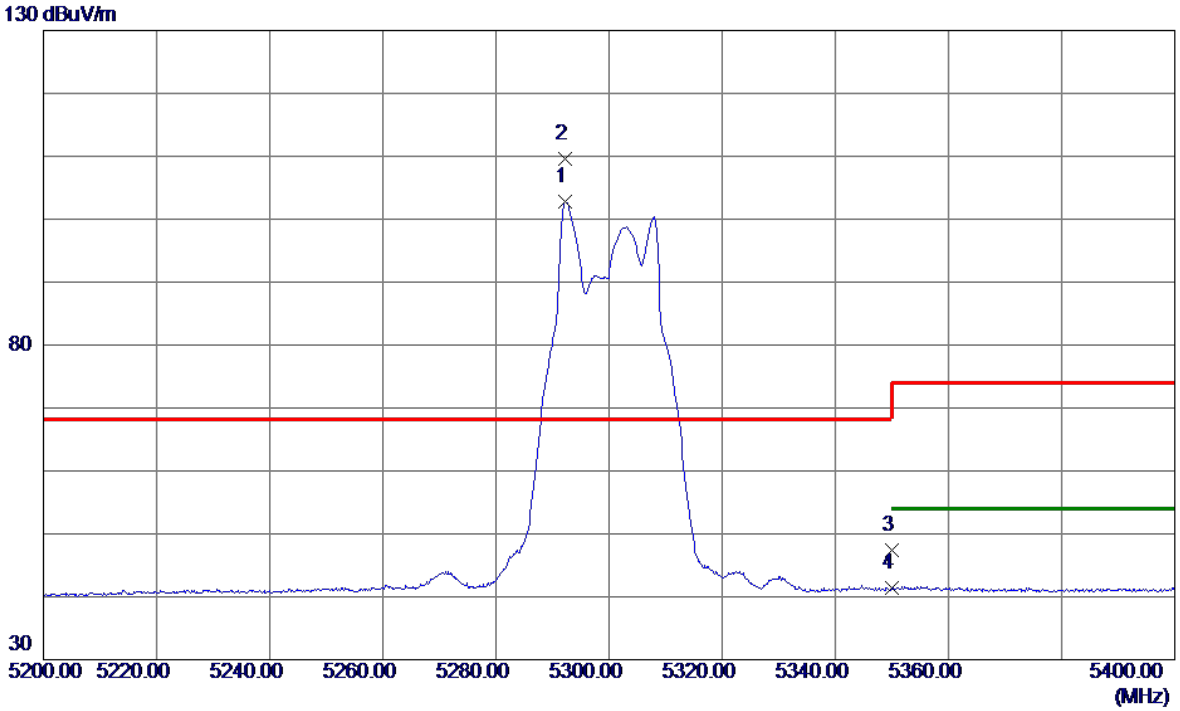
Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15756.7750	28.46	7.69	36.15	54.00	-17.85	AVG	
2	15759.6750	38.41	7.69	46.10	74.00	-27.90	Peak	

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

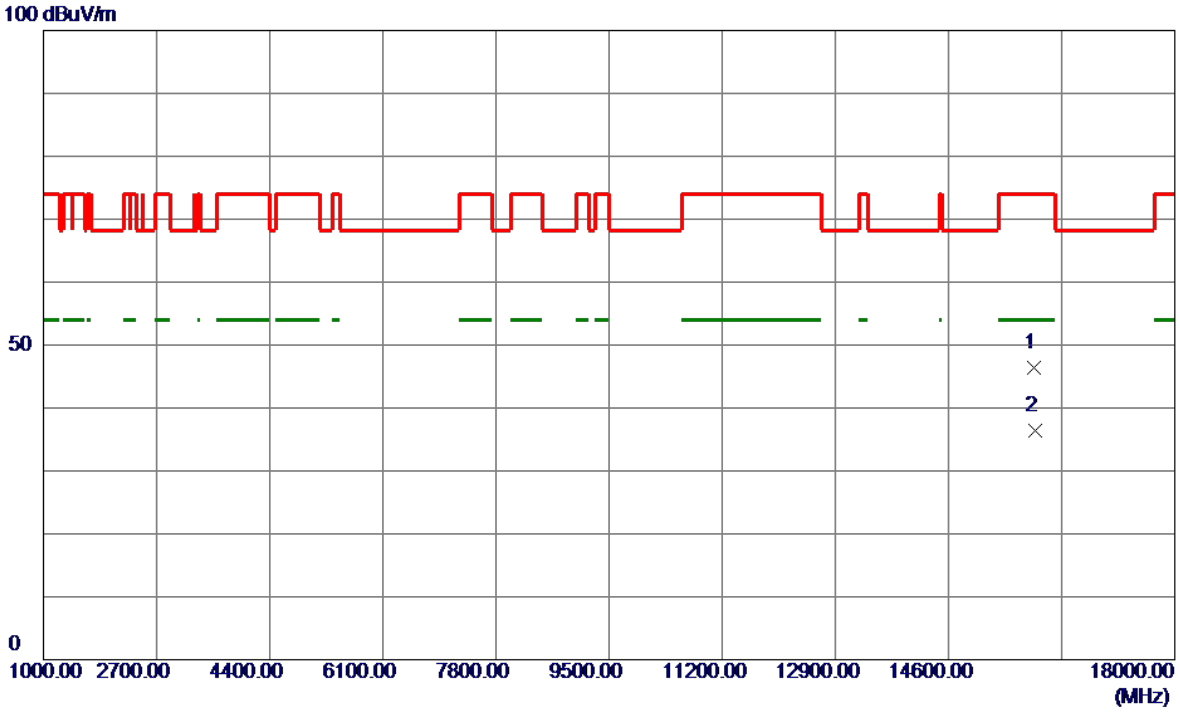
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5292.2000	90.81	11.94	102.75	999.00	-896.25	AVG	No Limit
2 *	5292.3000	97.69	11.94	109.63	68.20	41.43	Peak	No Limit
3	5350.0000	35.31	12.14	47.45	74.00	-26.55	Peak	
4	5350.0000	29.26	12.14	41.40	54.00	-12.60	AVG	

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

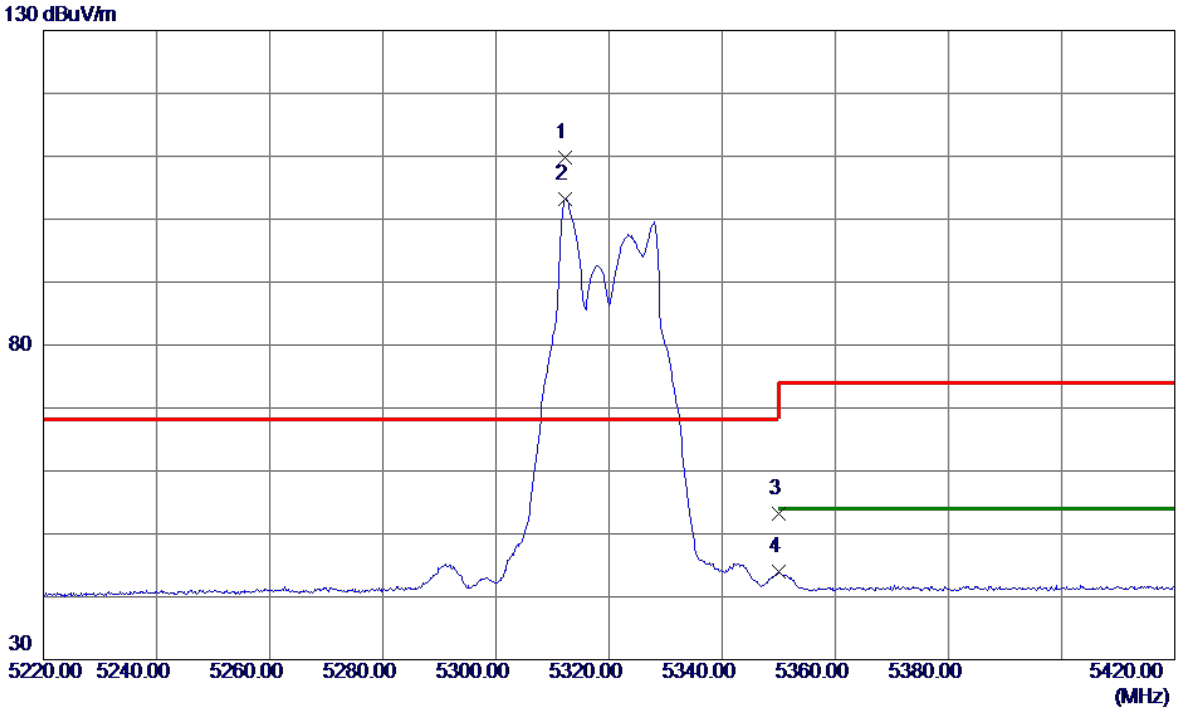
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15886.7750	38.49	7.85	46.34	74.00	-27.66	Peak	
2 *	15900.0250	28.60	7.86	36.46	54.00	-17.54	AVG	

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

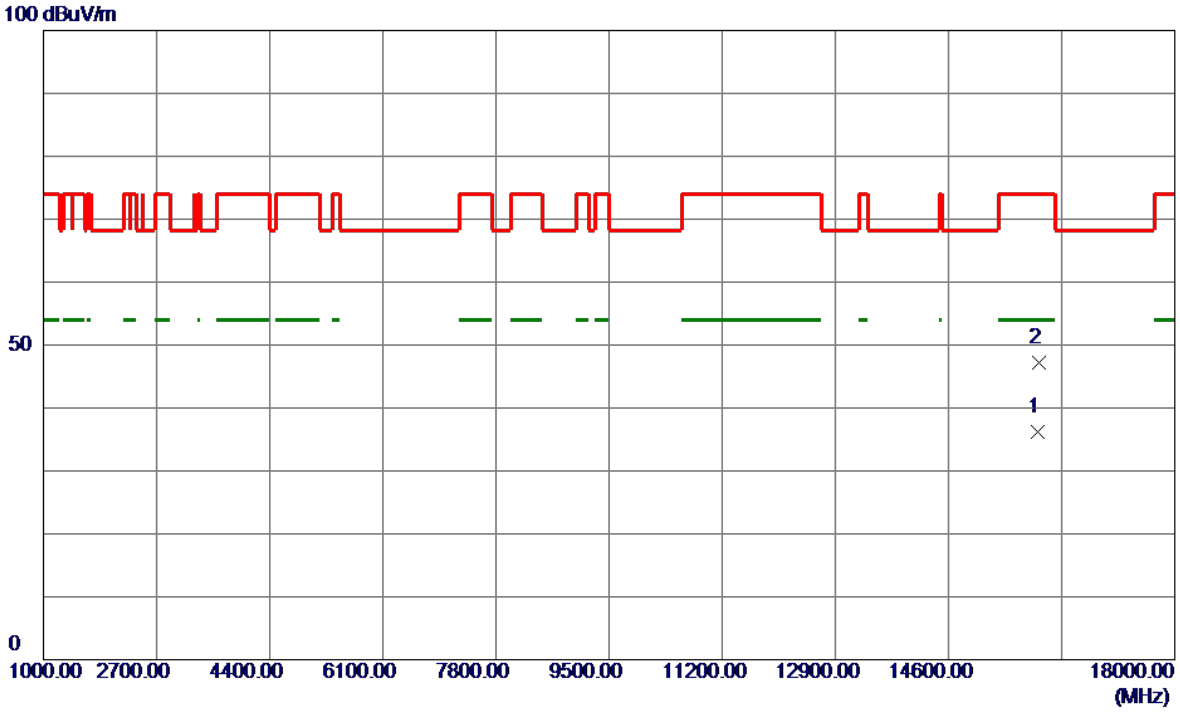
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5312.2000	97.87	12.01	109.88	68.20	41.68	Peak	No Limit
2	5312.3000	91.19	12.01	103.20	999.00	-895.80	AVG	No Limit
3	5350.0000	41.09	12.14	53.23	74.00	-20.77	Peak	
4	5350.0000	31.90	12.14	44.04	54.00	-9.96	AVG	

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

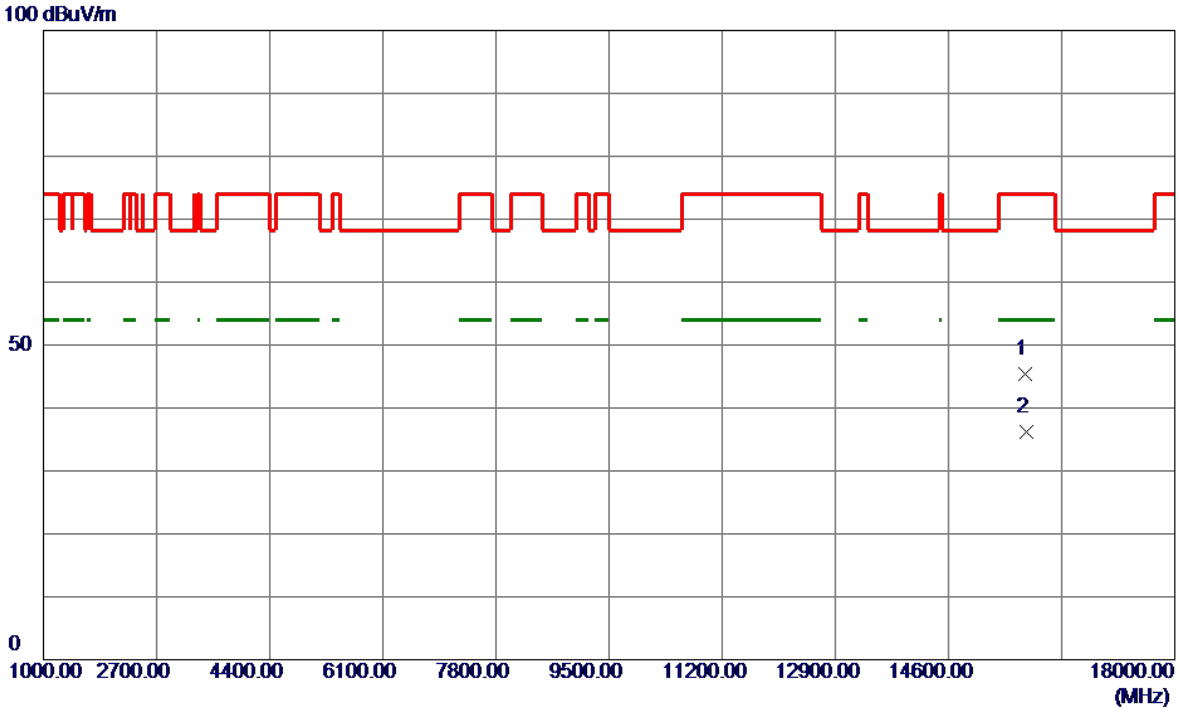
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15936.9000	28.37	7.90	36.27	54.00	-17.73	AVG	
2	15959.5500	39.19	7.93	47.12	74.00	-26.88	Peak	

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

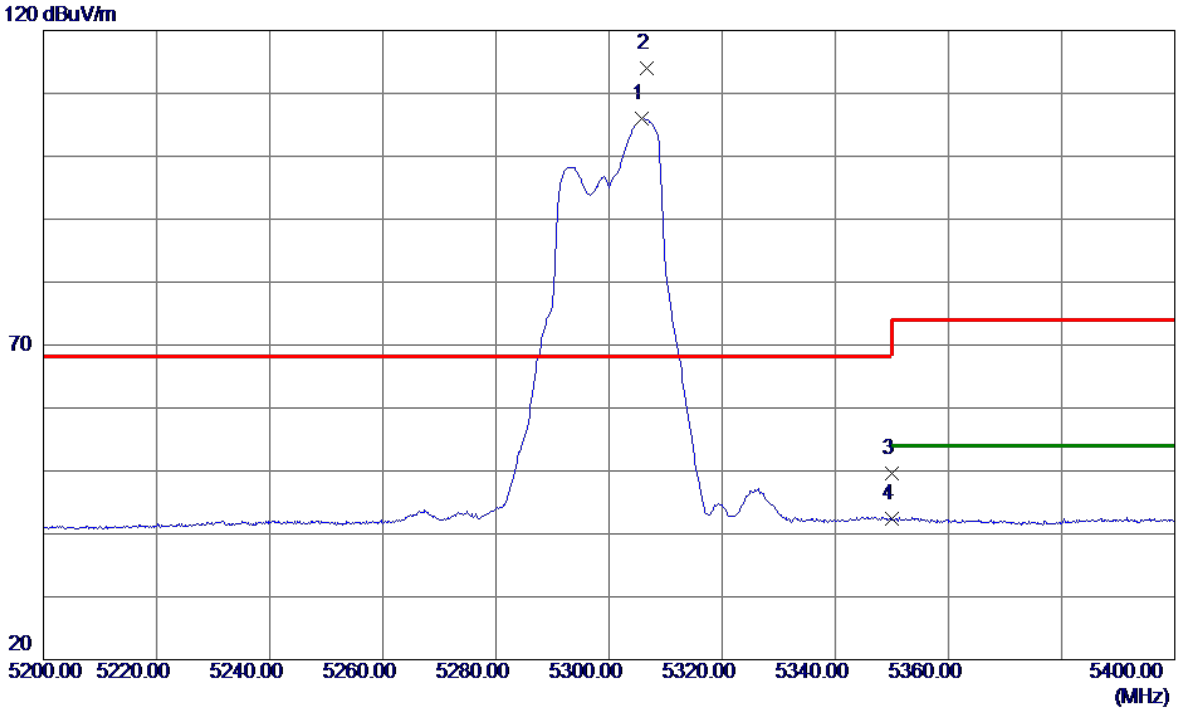
Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15758.2250	37.65	7.69	45.34	74.00	-28.66	Peak	
2 *	15772.8000	28.45	7.71	36.16	54.00	-17.84	AVG	

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

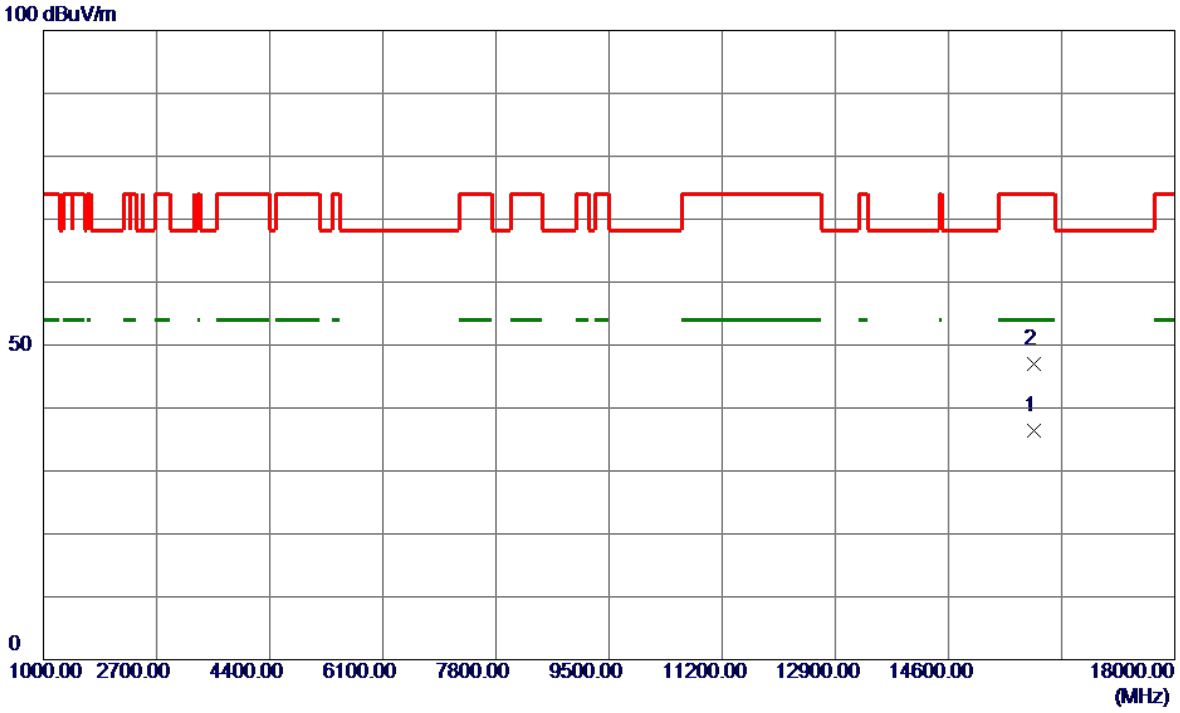
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5305.8000	94.03	11.99	106.02	999.00	-892.98	AVG	No Limit
2 *	5306.7000	101.97	11.99	113.96	68.20	45.76	Peak	No Limit
3	5350.0000	37.52	12.14	49.66	74.00	-24.34	Peak	
4	5350.0000	30.27	12.14	42.41	54.00	-11.59	AVG	

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

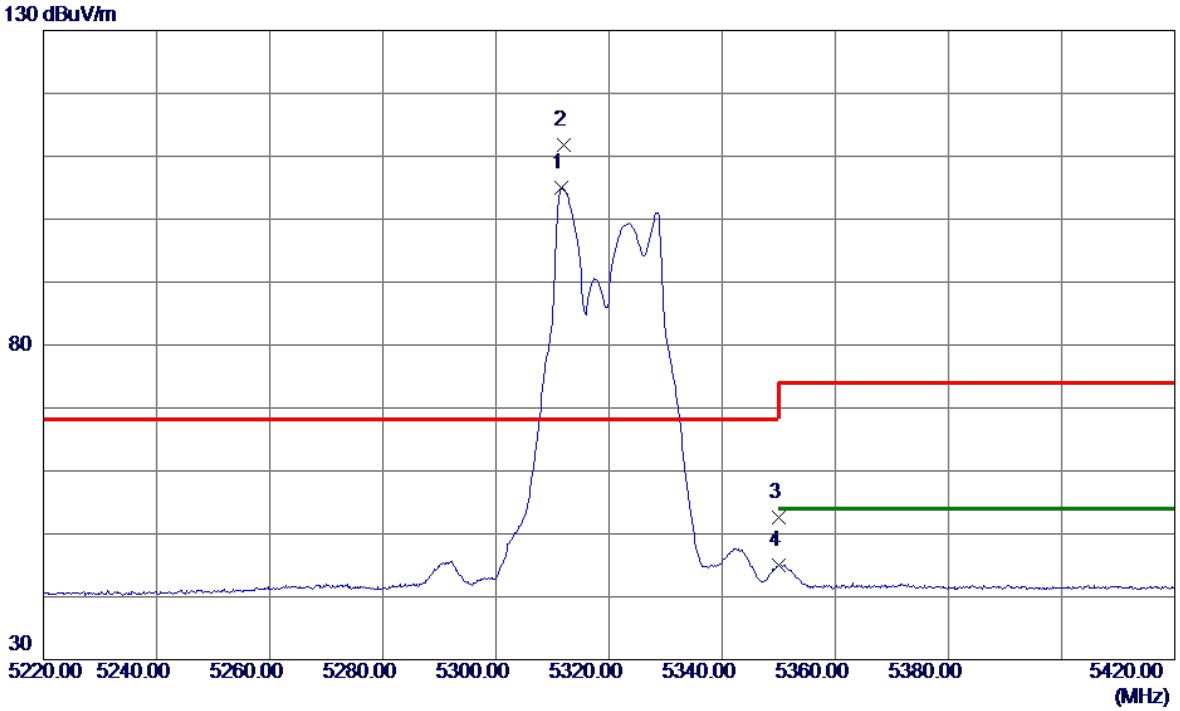
Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15877.3500	28.58	7.83	36.41	54.00	-17.59	AVG	
2	15892.1500	39.07	7.85	46.92	74.00	-27.08	Peak	

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

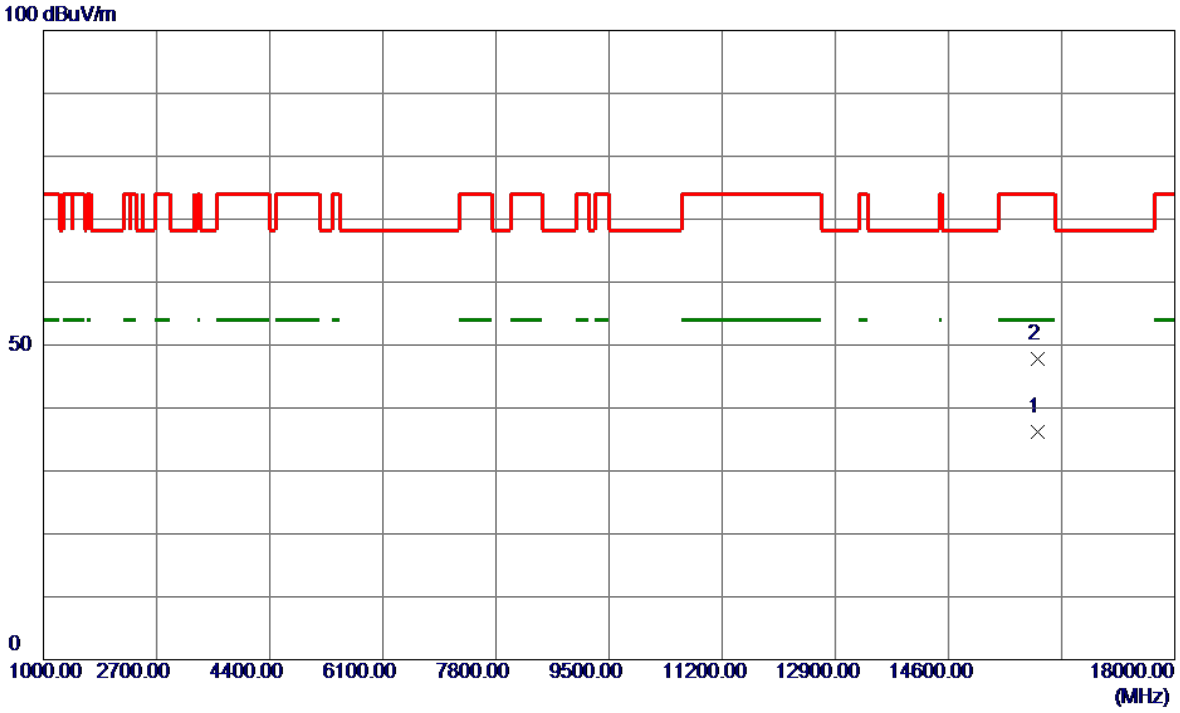
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5311.6000	93.03	12.01	105.04	999.00	-893.96	AVG	No Limit
2 *	5311.9000	99.70	12.01	111.71	68.20	43.51	Peak	No Limit
3	5350.0000	40.41	12.14	52.55	74.00	-21.45	Peak	
4	5350.0000	32.90	12.14	45.04	54.00	-8.96	AVG	

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

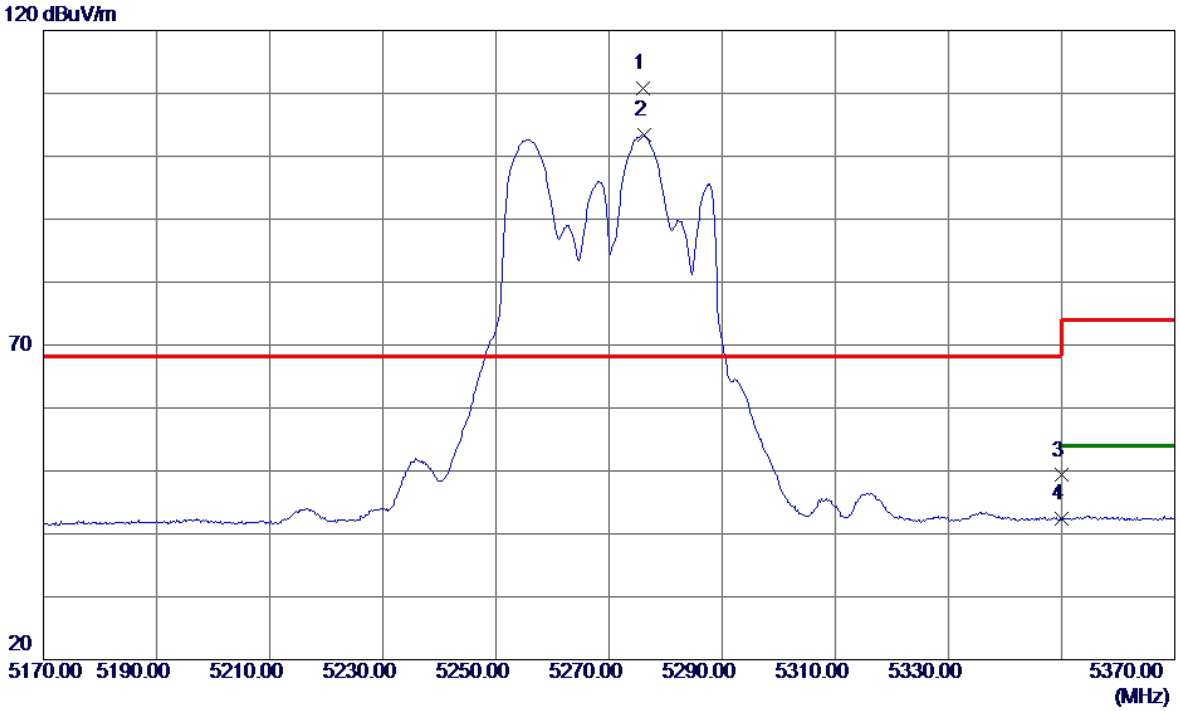
Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15935.5250	28.34	7.90	36.24	54.00	-17.76	AVG	
2	15936.9750	39.83	7.90	47.73	74.00	-26.27	Peak	

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

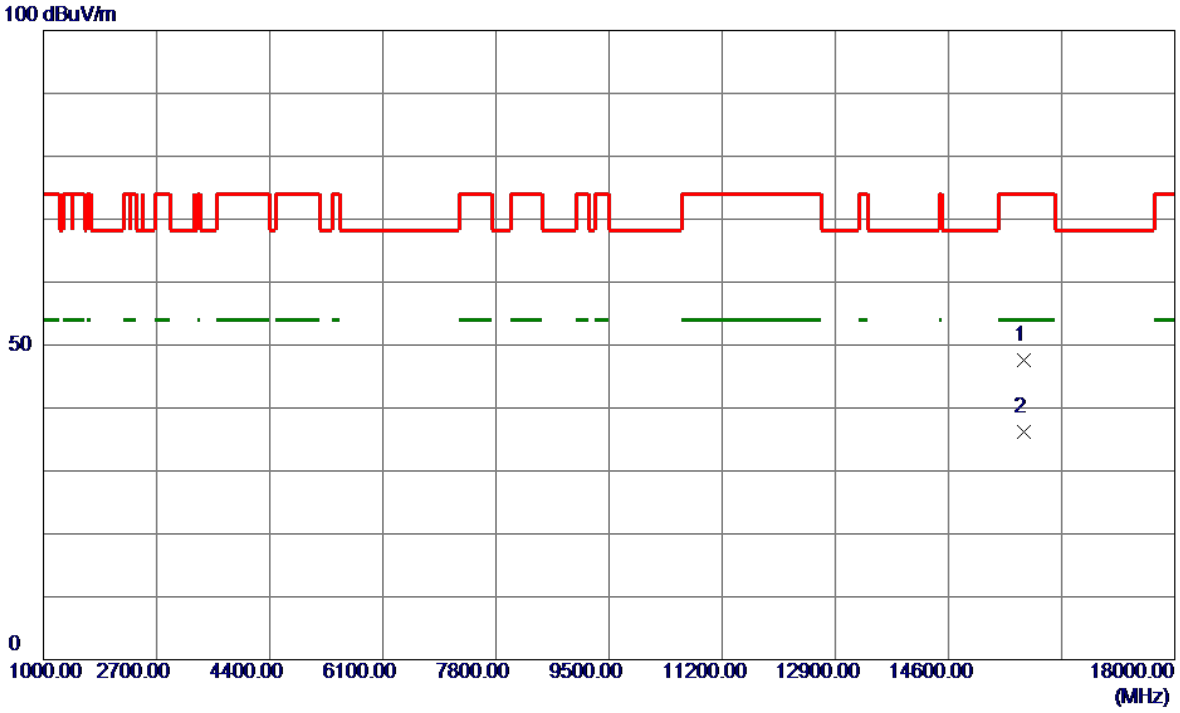
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5275.9000	98.97	11.89	110.86	68.20	42.66	Peak	No Limit
2	5276.2000	91.44	11.89	103.33	999.00	-895.67	AVG	No Limit
3	5350.0000	37.16	12.14	49.30	74.00	-24.70	Peak	
4	5350.0000	30.24	12.14	42.38	54.00	-11.62	AVG	

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

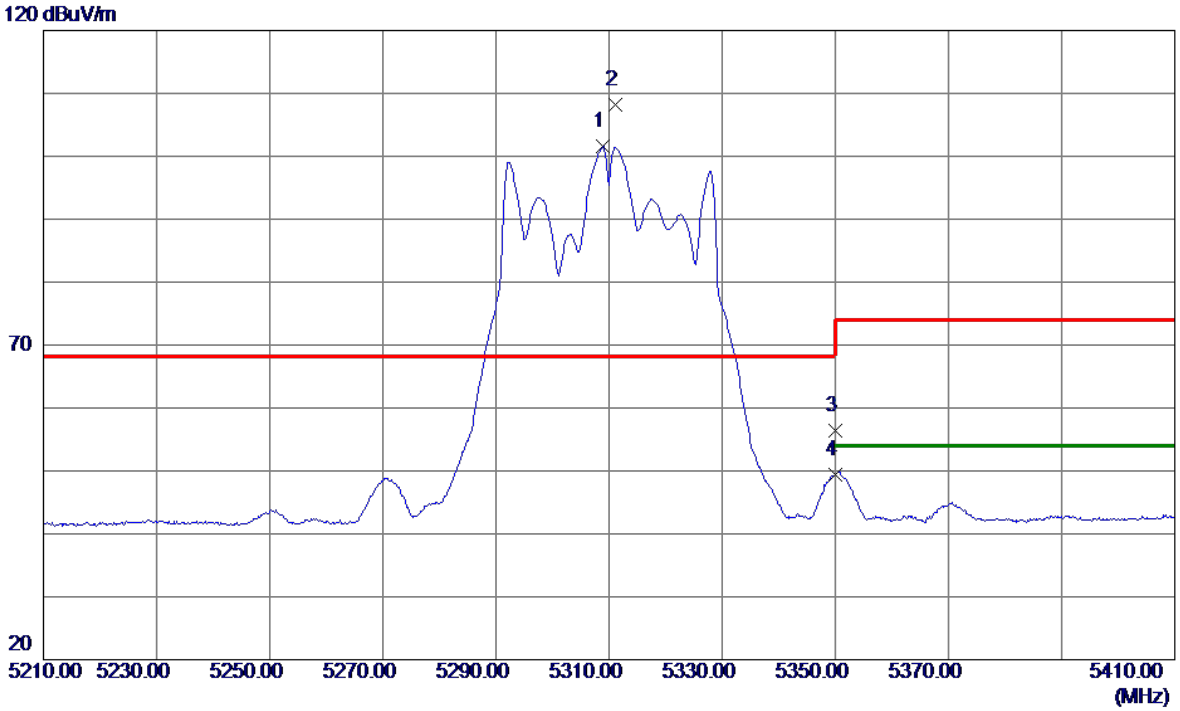
Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15740.0000	39.85	7.67	47.52	74.00	-26.48	Peak	
2 *	15741.8000	28.49	7.67	36.16	54.00	-17.84	AVG	

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

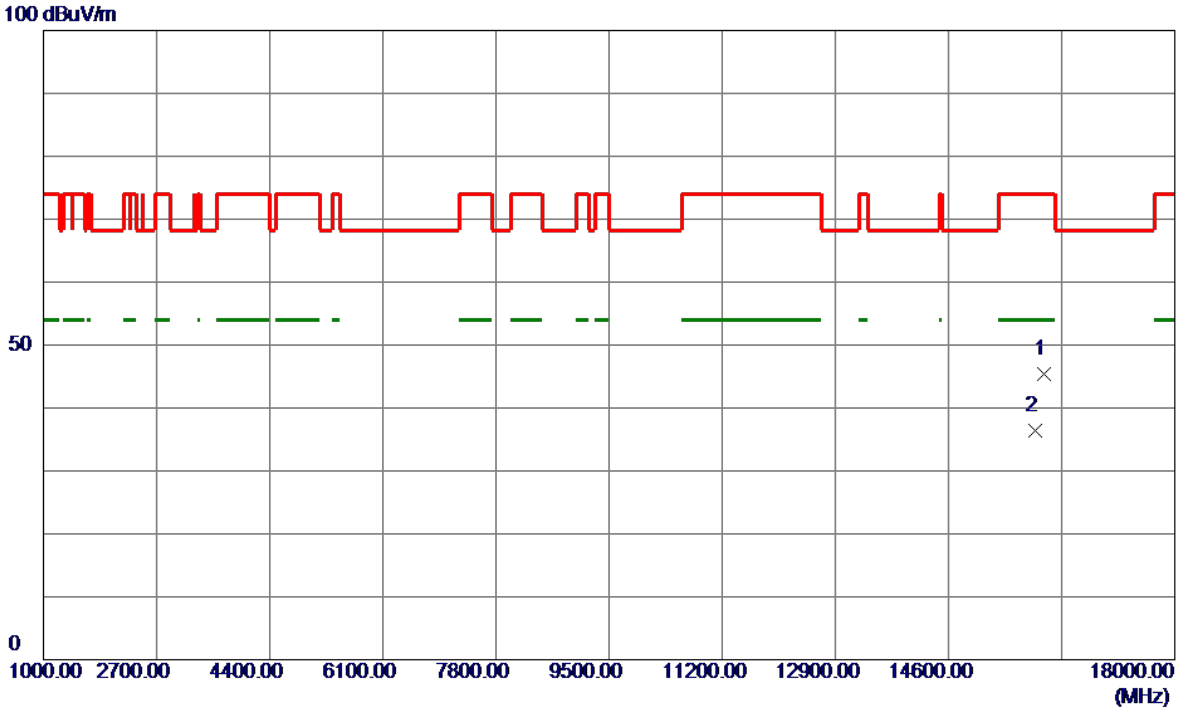
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5308.9000	89.56	12.00	101.56	999.00	-897.44	AVG	No Limit
2 *	5311.2000	96.29	12.01	108.30	68.20	40.10	Peak	No Limit
3	5350.0000	44.25	12.14	56.39	74.00	-17.61	Peak	
4	5350.0000	37.34	12.14	49.48	54.00	-4.52	AVG	

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

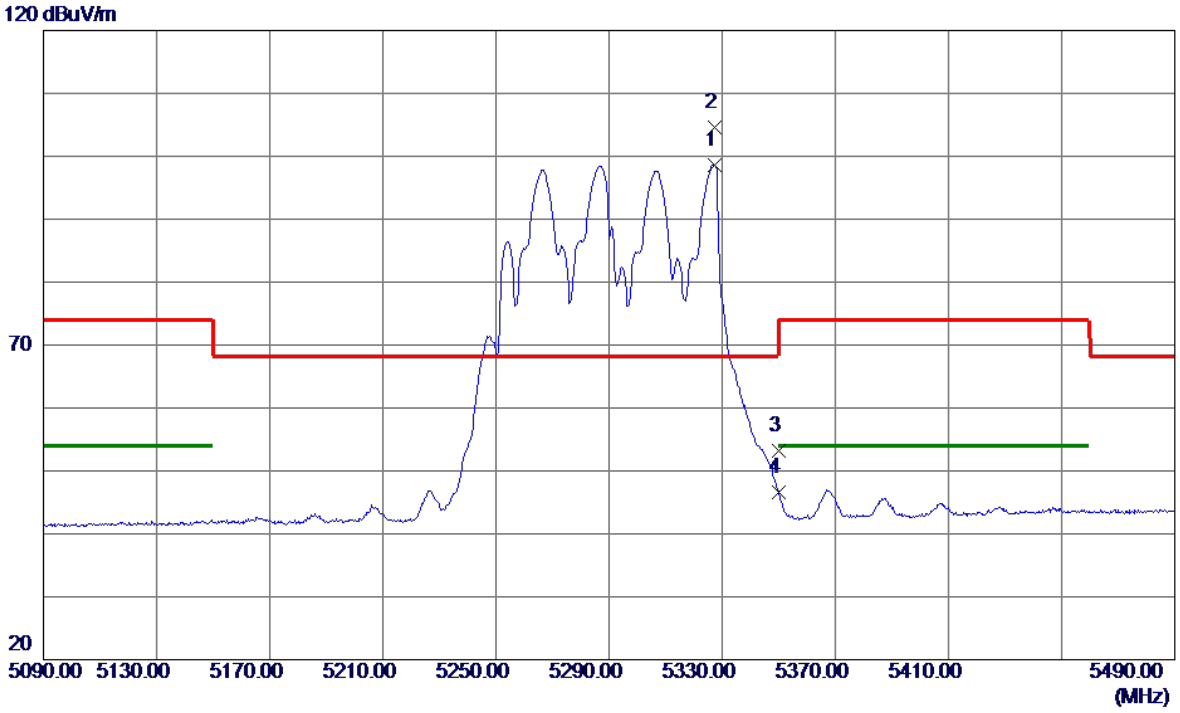
Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	16026.5000	37.44	8.01	45.45	74.00	-28.55	Peak	
2 *	15897.0000	28.50	7.86	36.36	54.00	-17.64	AVG	

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

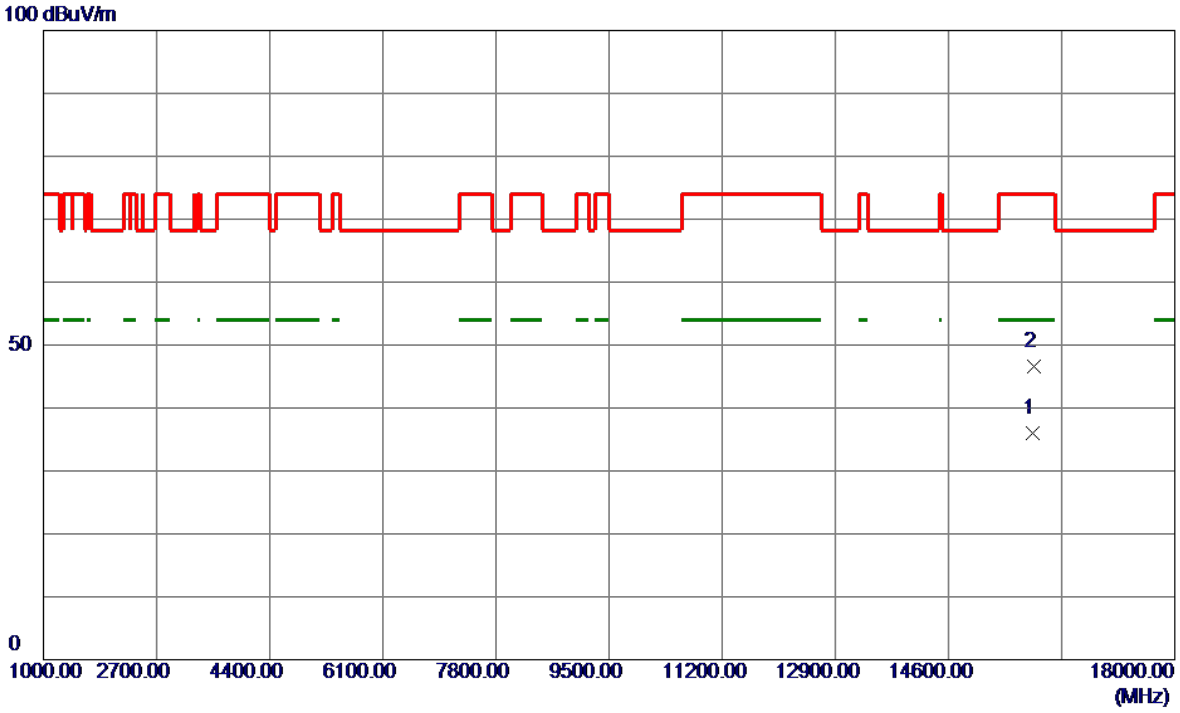
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5327.2000	86.54	12.06	98.60	999.00	-900.40	AVG	No Limit
2 *	5327.4000	92.53	12.06	104.59	68.20	36.39	Peak	No Limit
3	5350.0000	41.00	12.14	53.14	74.00	-20.86	Peak	
4	5350.0000	34.41	12.14	46.55	54.00	-7.45	AVG	

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

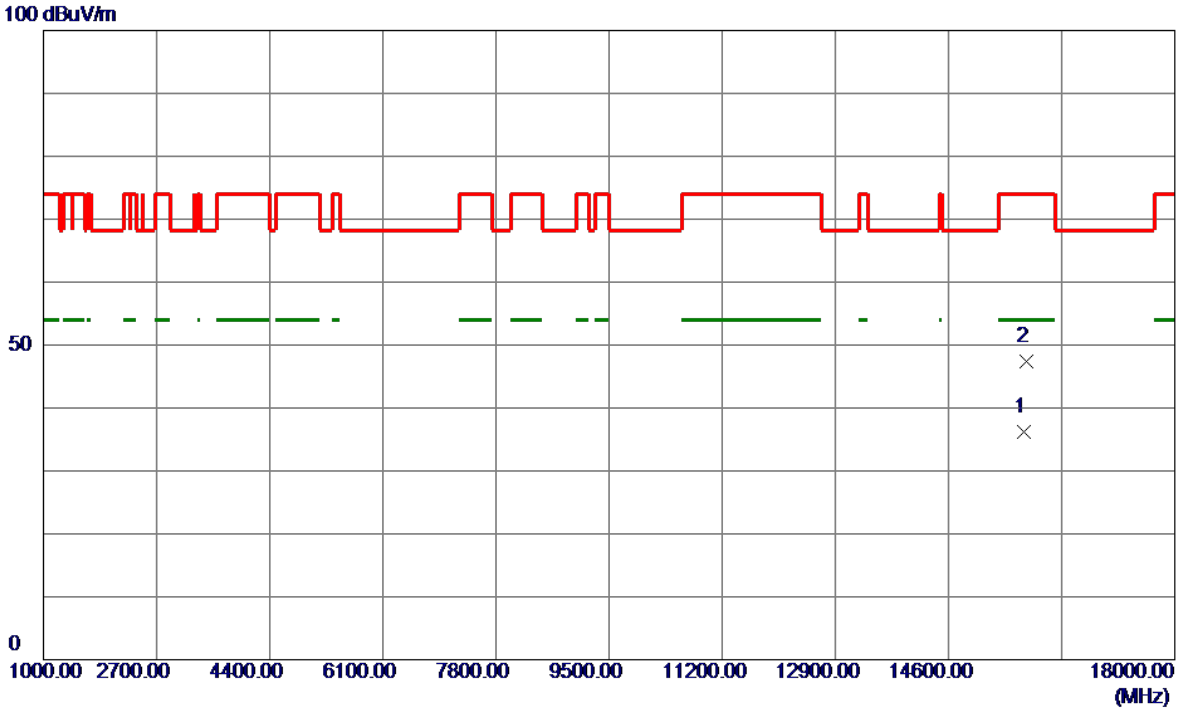
Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15857.8250	28.21	7.81	36.02	54.00	-17.98	AVG	
2	15882.9750	38.78	7.84	46.62	74.00	-27.38	Peak	

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

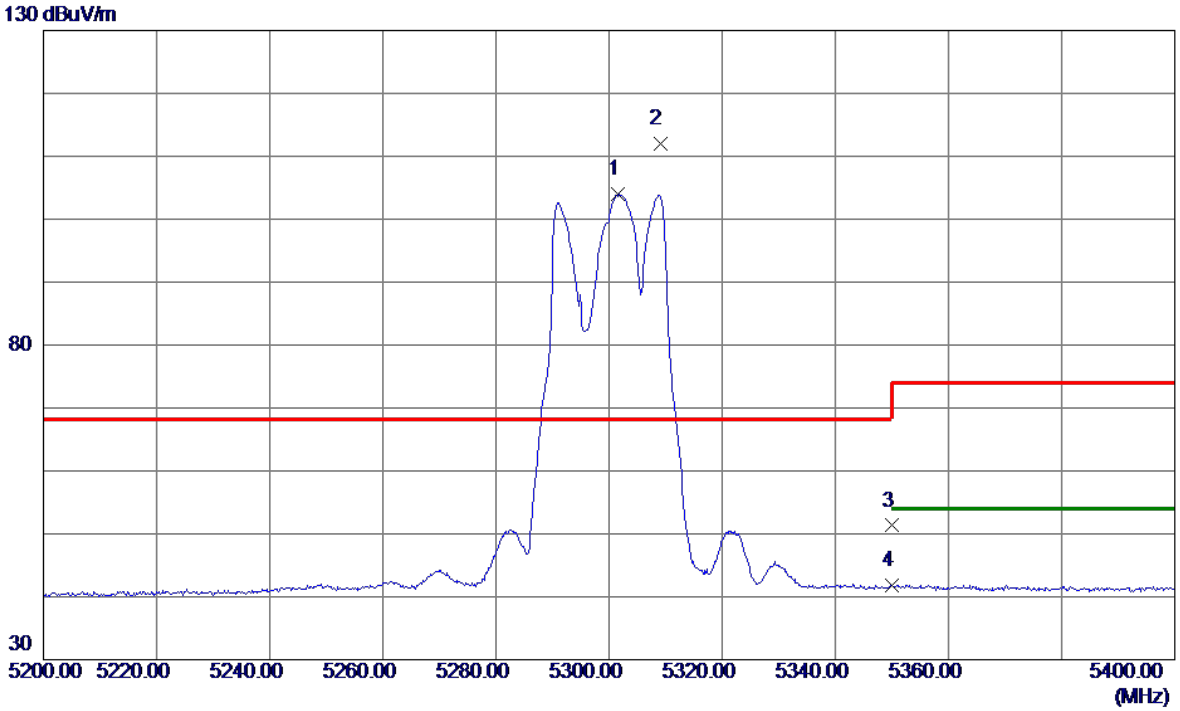
Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15727.4000	28.49	7.66	36.15	54.00	-17.85	AVG	
2	15774.6000	39.68	7.71	47.39	74.00	-26.61	Peak	

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

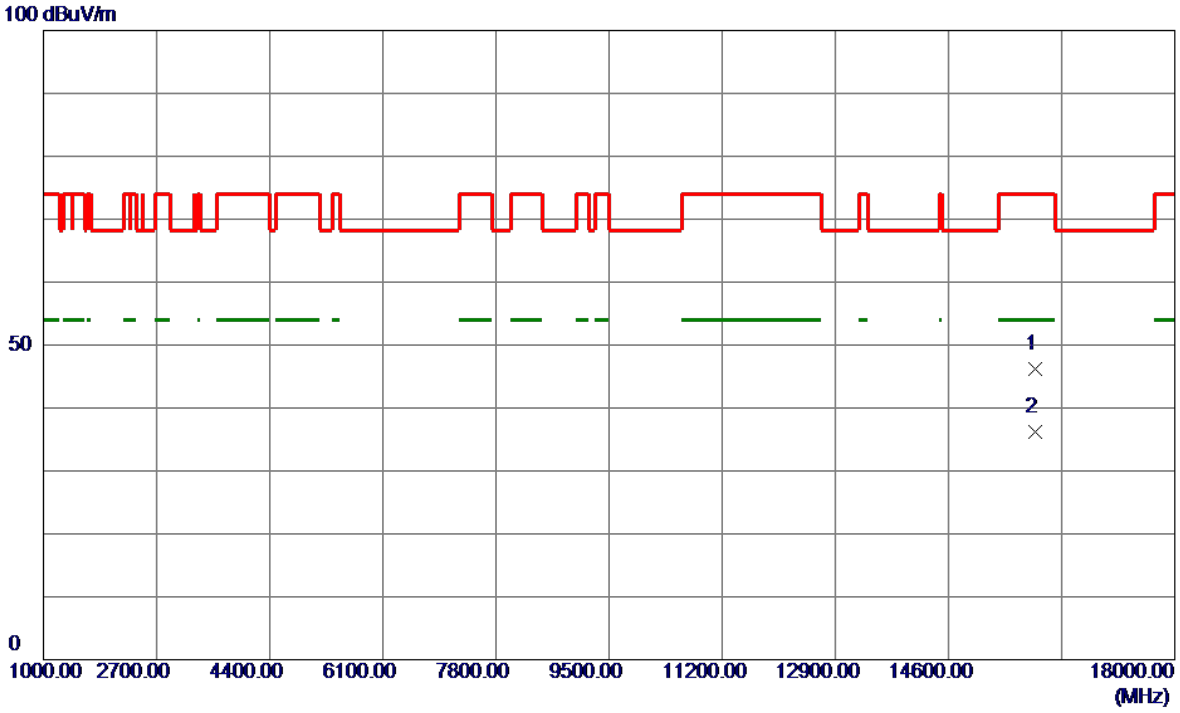
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5301.6000	91.97	11.97	103.94	999.00	-895.06	AVG	No Limit
2 *	5309.0000	100.01	12.00	112.01	68.20	43.81	Peak	No Limit
3	5350.0000	39.16	12.14	51.30	74.00	-22.70	Peak	
4	5350.0000	29.65	12.14	41.79	54.00	-12.21	AVG	

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

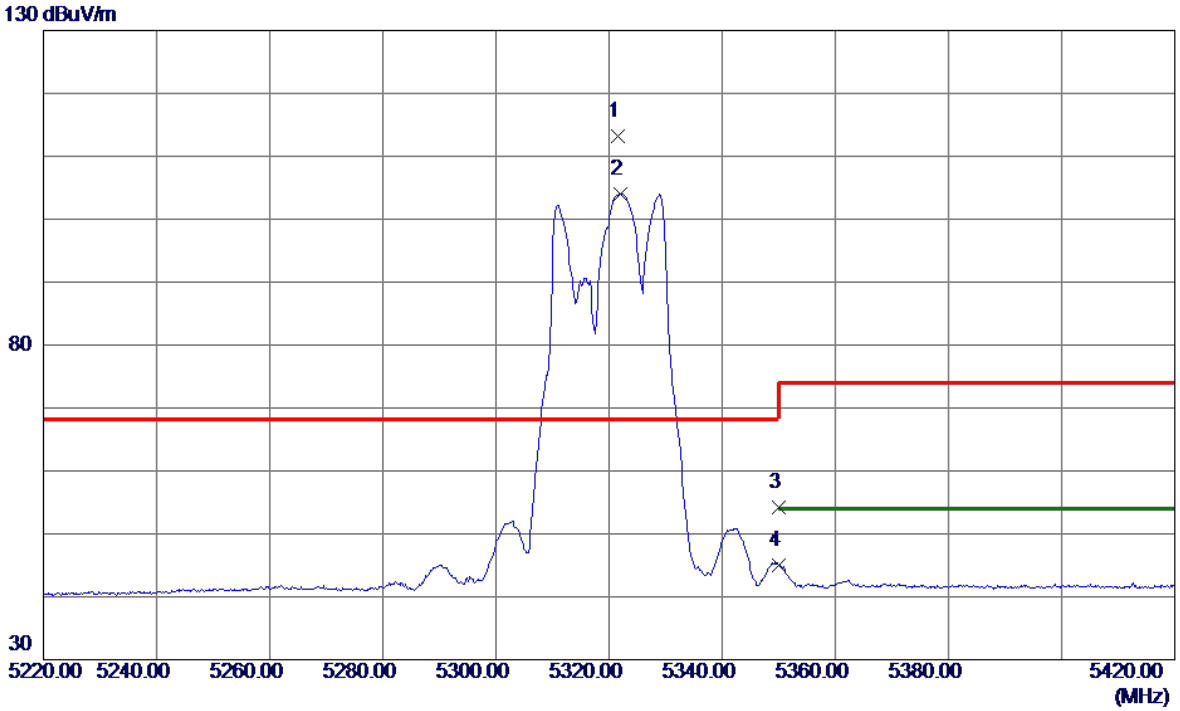
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15903.4000	38.26	7.86	46.12	74.00	-27.88	Peak	
2 *	15905.9000	28.41	7.87	36.28	54.00	-17.72	AVG	

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

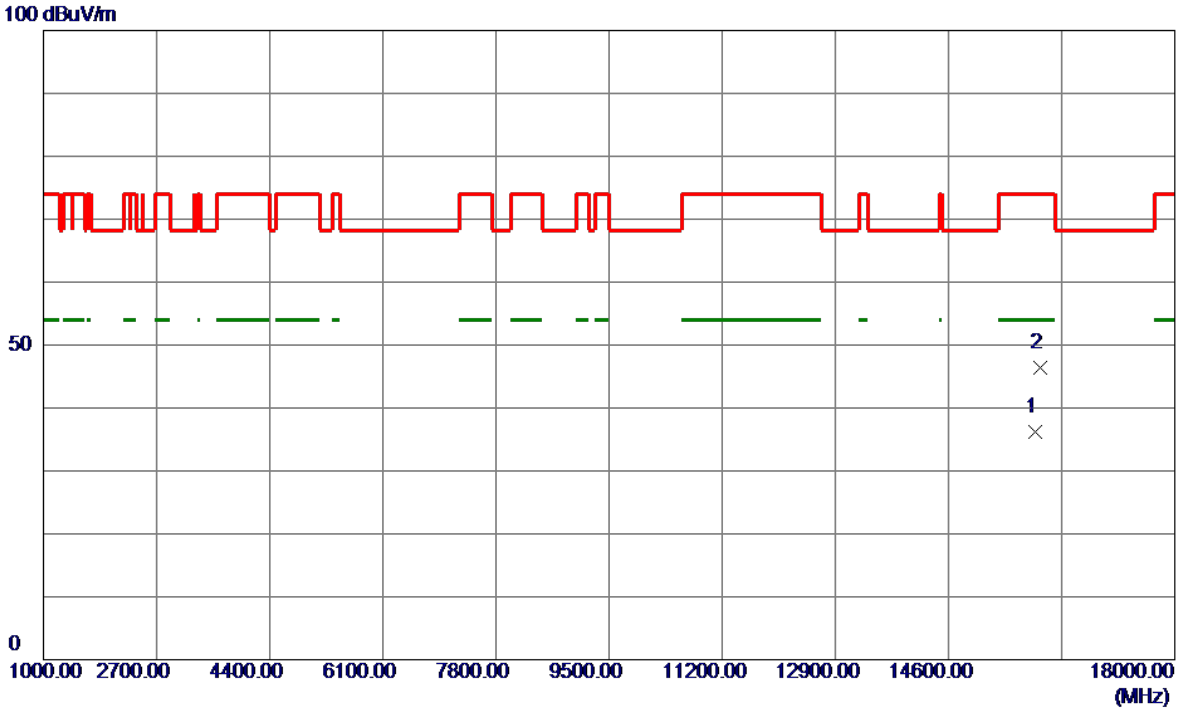
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5321.6000	101.09	12.04	113.13	68.20	44.93	Peak	No Limit
2	5321.9000	91.99	12.04	104.03	999.00	-894.97	AVG	No Limit
3	5350.0000	42.13	12.14	54.27	74.00	-19.73	Peak	
4	5350.0000	32.78	12.14	44.92	54.00	-9.08	AVG	

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

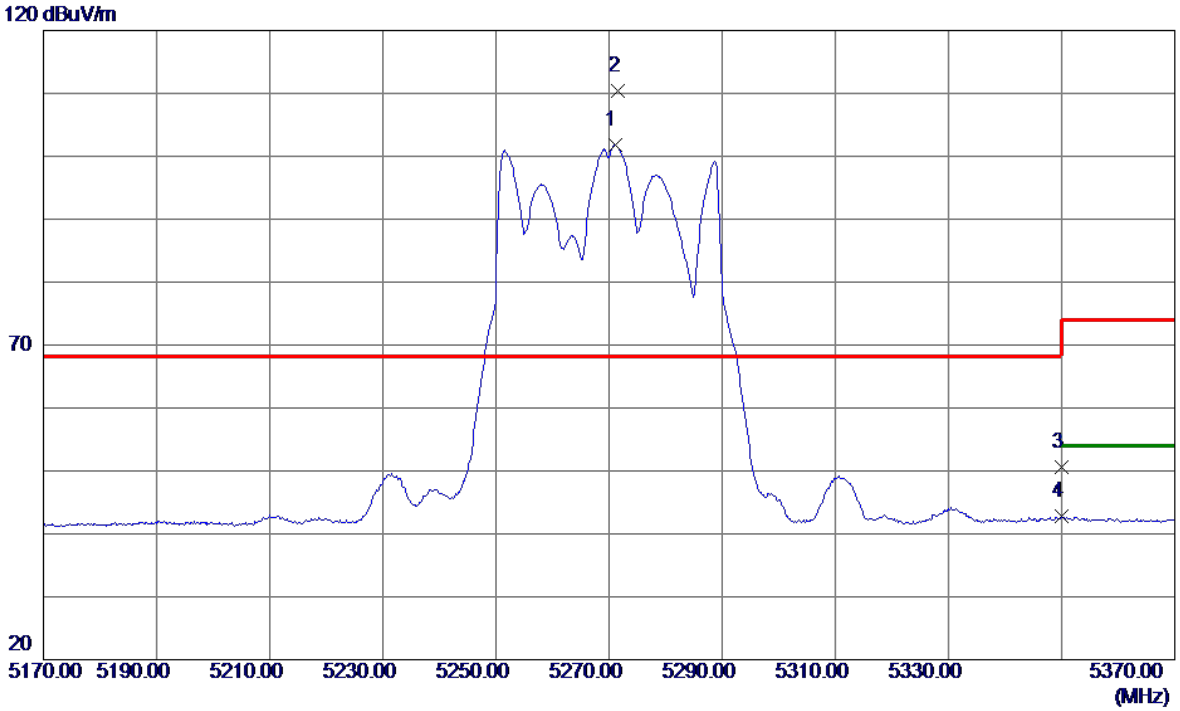
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15905.7000	28.36	7.87	36.23	54.00	-17.77	AVG	
2	15976.7000	38.38	7.95	46.33	74.00	-27.67	Peak	

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

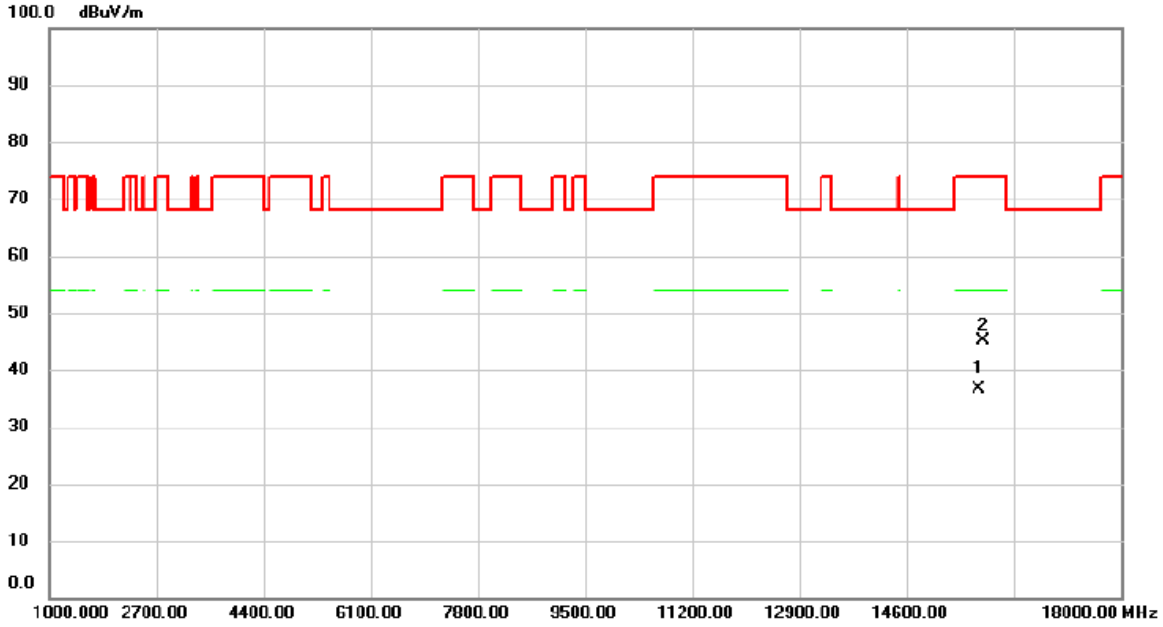
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5271.0000	89.99	11.87	101.86	999.00	-897.14	AVG	No Limit
2 *	5271.5000	98.57	11.87	110.44	68.20	42.24	Peak	No Limit
3	5350.0000	38.48	12.14	50.62	74.00	-23.38	Peak	
4	5350.0000	30.70	12.14	42.84	54.00	-11.16	AVG	

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

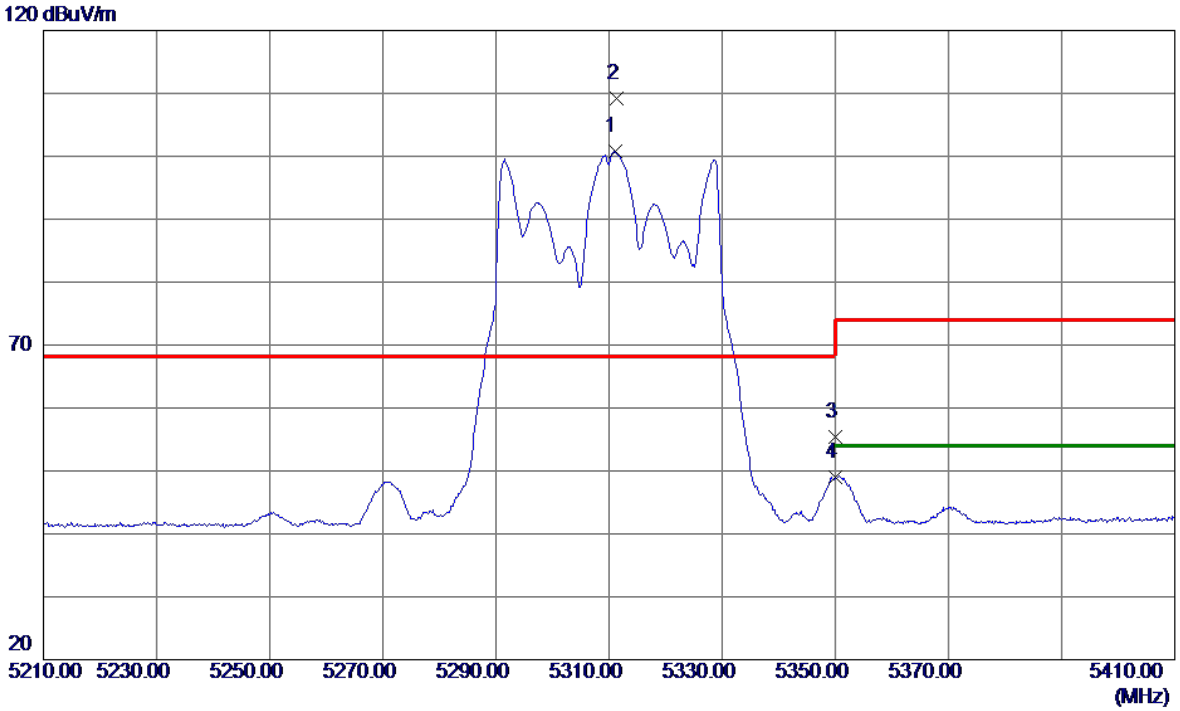
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	15744.40	28.89	7.67	36.56	54.00	-17.44	AVG	
2		15812.95	37.42	7.76	45.18	74.00	-28.82	peak	

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

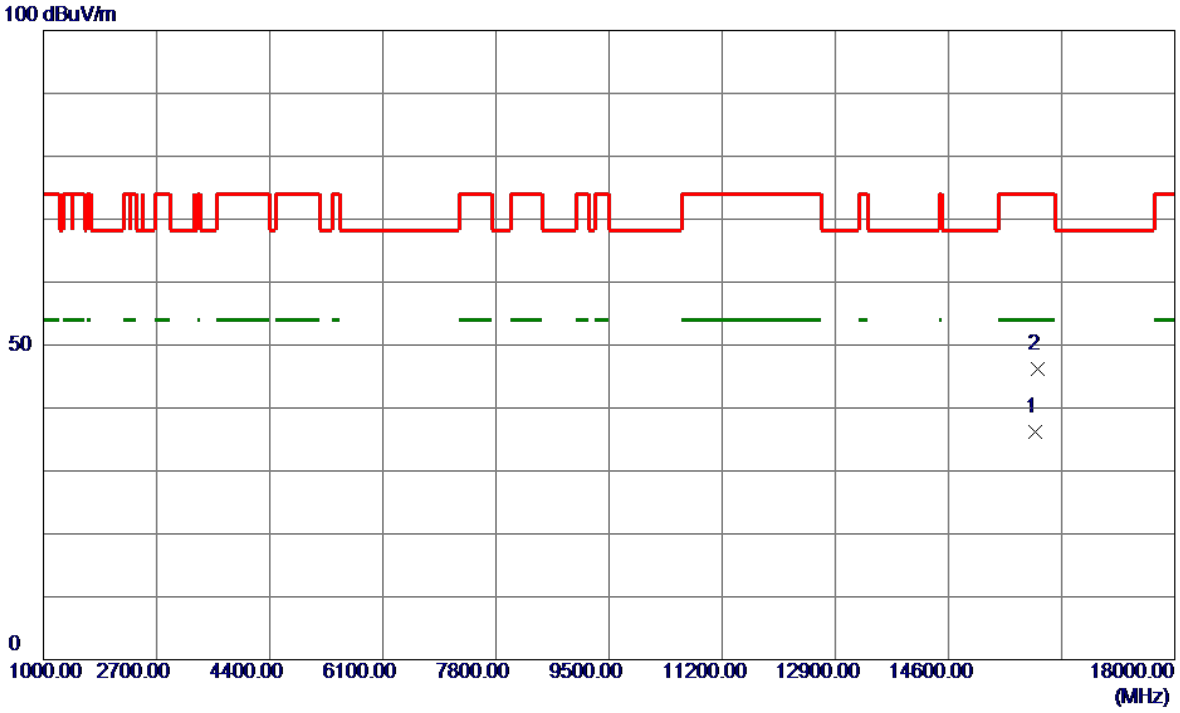
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5311.0000	88.77	12.01	100.78	999.00	-898.22	AVG	No Limit
2 *	5311.4000	97.23	12.01	109.24	68.20	41.04	Peak	No Limit
3	5350.0000	43.18	12.14	55.32	74.00	-18.68	Peak	
4	5350.0000	36.87	12.14	49.01	54.00	-4.99	AVG	

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

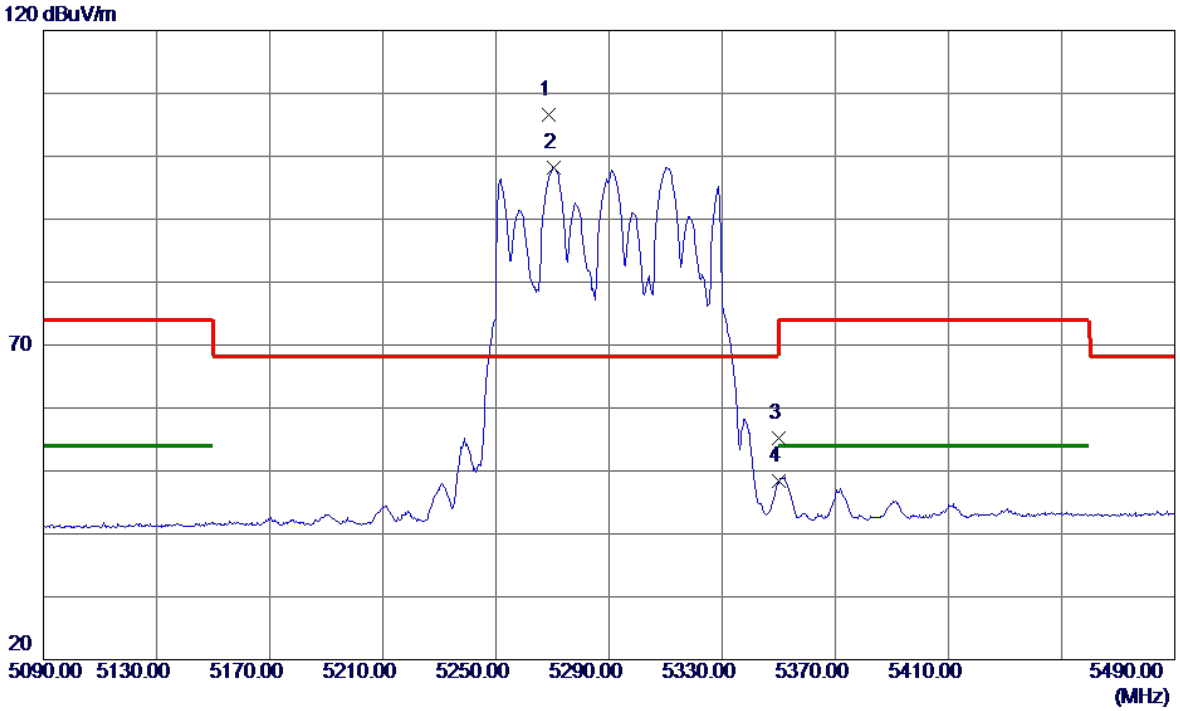
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15908.3000	28.37	7.87	36.24	54.00	-17.76	AVG	
2	15947.6250	38.28	7.92	46.20	74.00	-27.80	Peak	

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

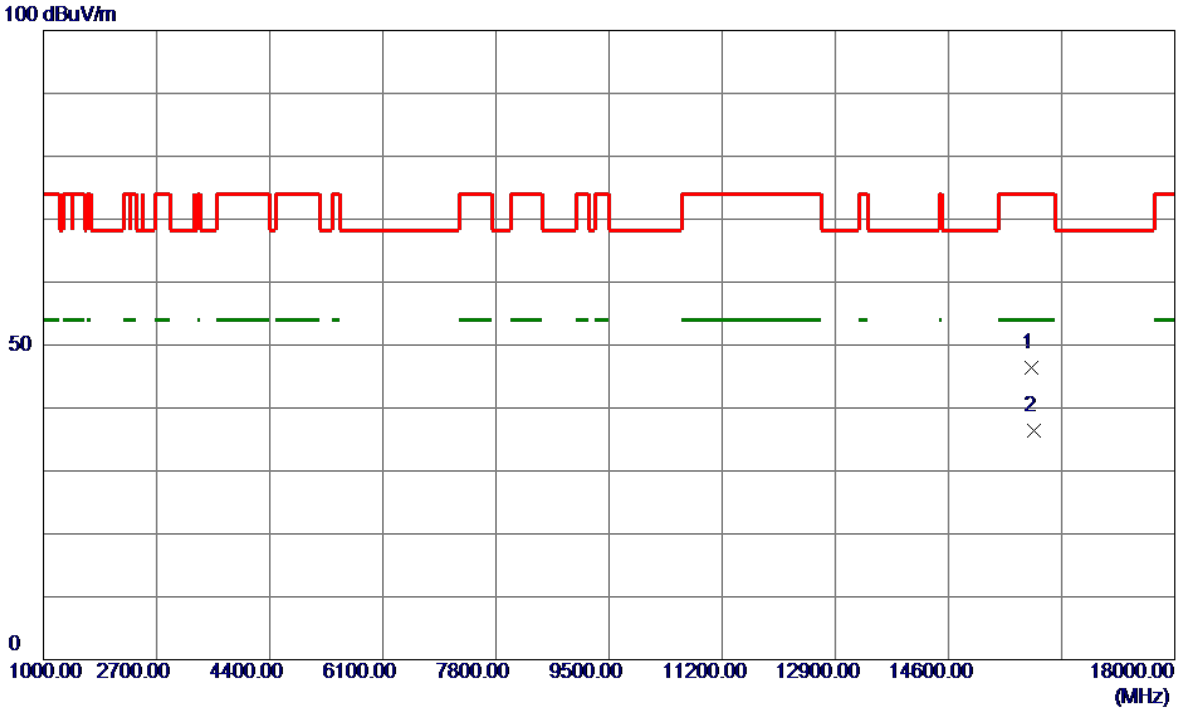
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5268.8000	94.70	11.86	106.56	68.20	38.36	Peak	No Limit
2	5270.6000	86.42	11.87	98.29	999.00	-900.71	AVG	No Limit
3	5350.0000	43.15	12.14	55.29	74.00	-18.71	Peak	
4	5350.0000	36.17	12.14	48.31	54.00	-5.69	AVG	

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

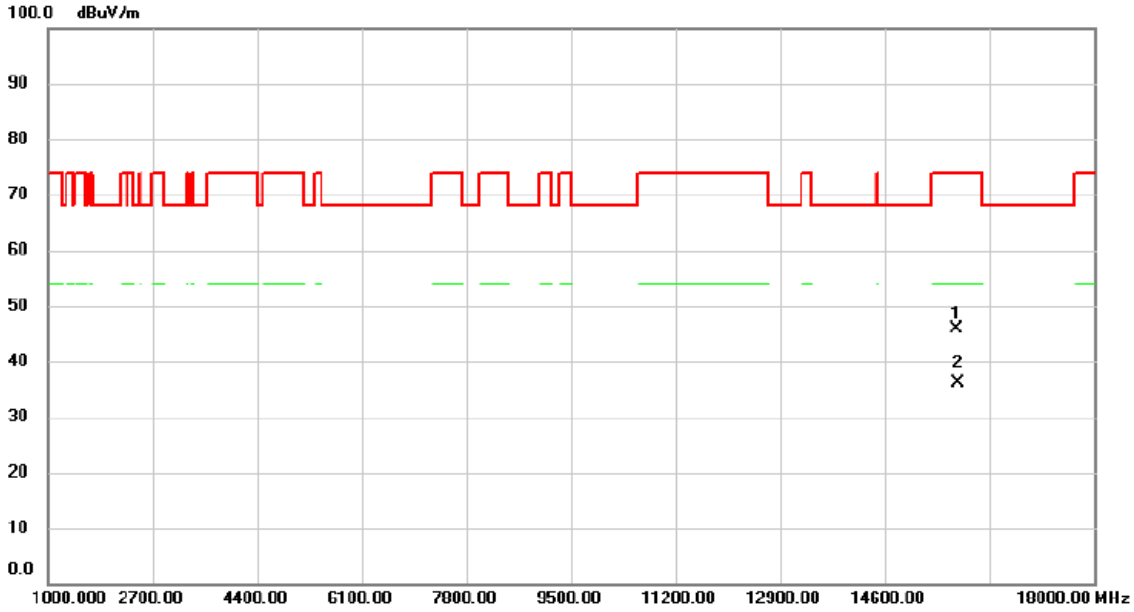
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15849.3600	38.65	7.80	46.45	74.00	-27.55	Peak	
2 *	15886.2500	28.47	7.84	36.31	54.00	-17.69	AVG	

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

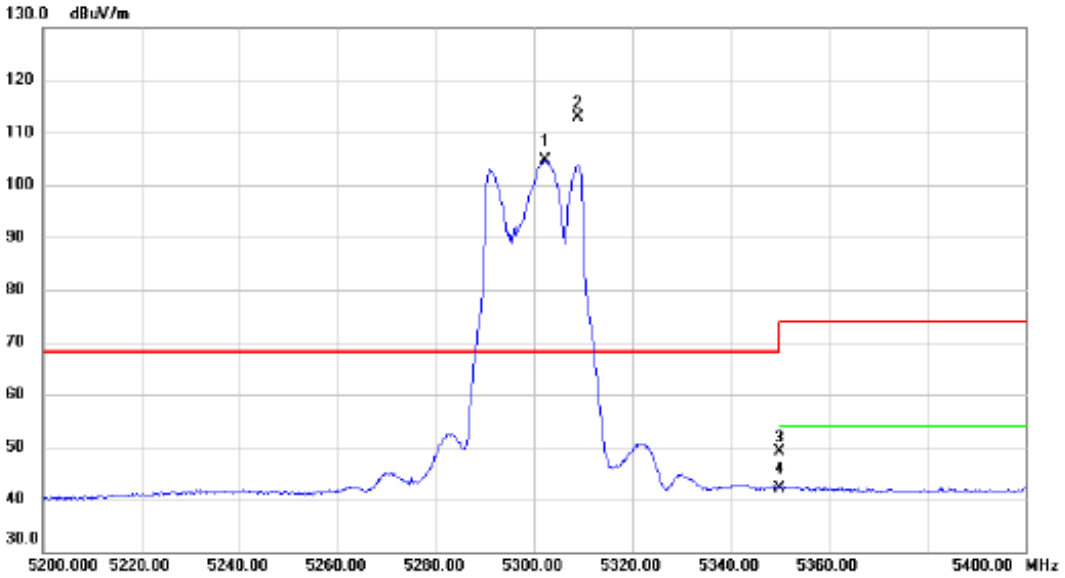
Test Mode	UNII-2A_TX BE(EHT20) Mode 5260 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		15764.02	38.25	7.70	45.95	74.00	-28.05	peak	
2	*	15780.67	28.43	7.73	36.16	54.00	-17.84	AVG	

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

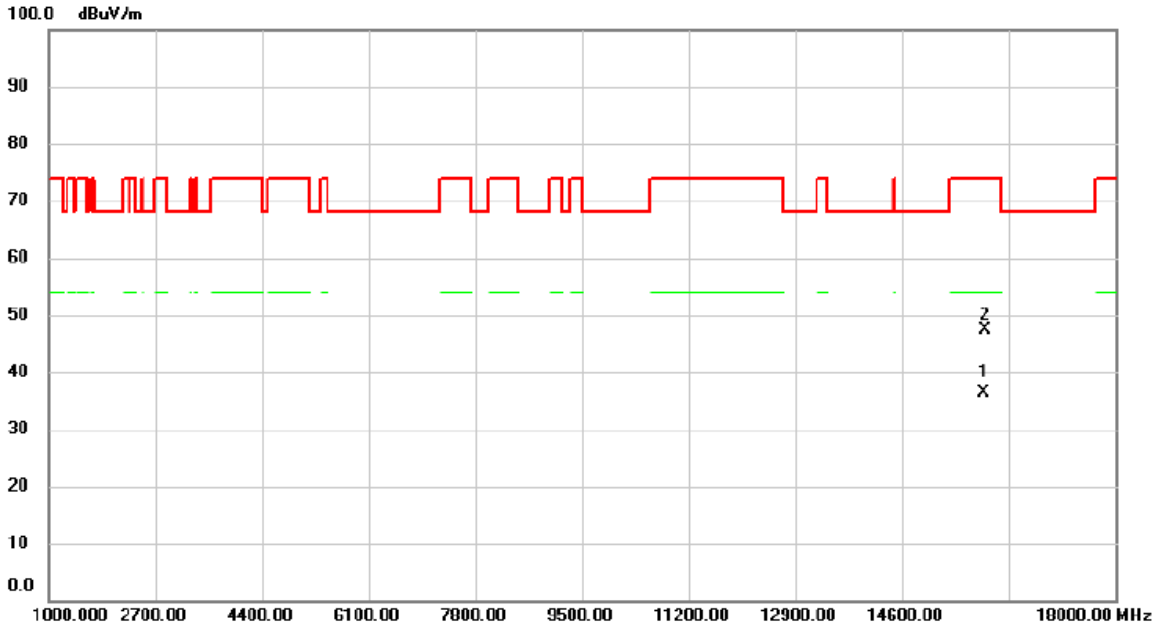
Test Mode	UNII-2A_TX BE(EHT20) Mode 5300 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5302.200	92.58	11.98	104.56	68.20	36.36	AVG	No Limit
2	*	5308.900	100.7	12.00	112.77	68.20	44.57	peak	No Limit
3		5350.000	37.07	12.13	49.20	74.00	-24.80	peak	
4		5350.000	29.98	12.13	42.11	54.00	-11.89	AVG	

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

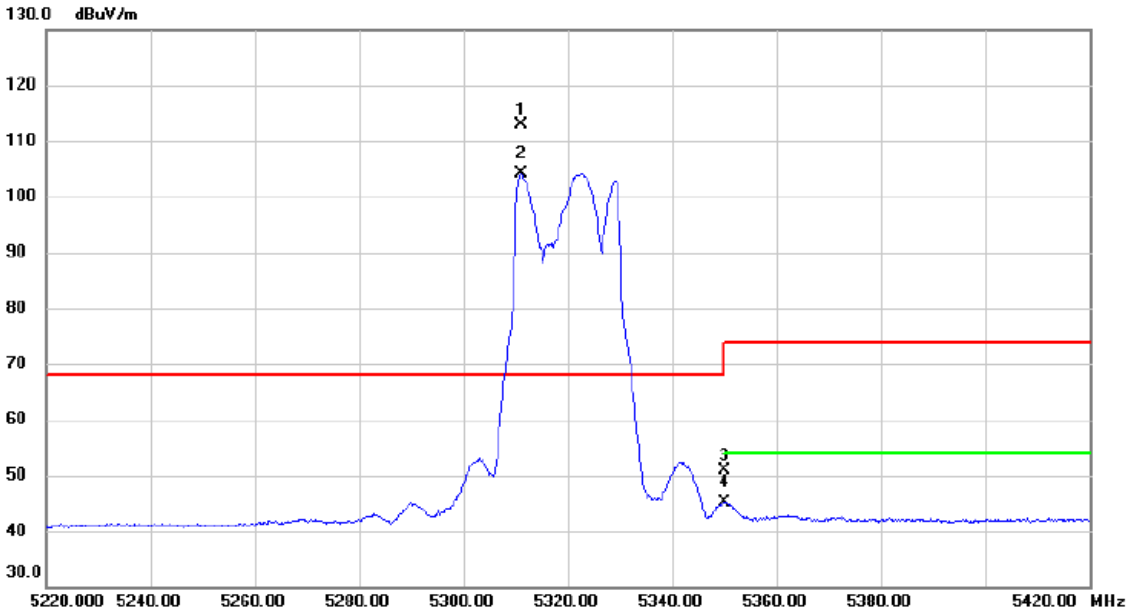
Test Mode	UNII-2A_TX BE(EHT20) Mode 5300 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	15892.27	28.56	7.85	36.41	54.00	-17.59	AVG	
2		15914.97	39.40	7.87	47.27	74.00	-26.73	peak	

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

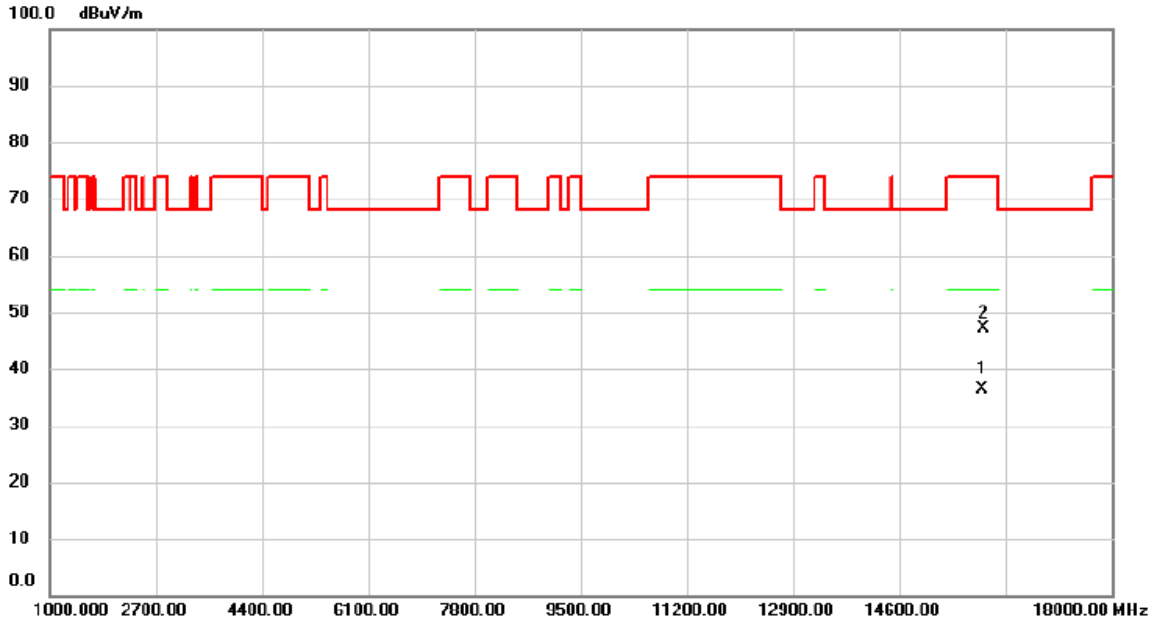
Test Mode	UNII-2A_TX BE(EHT20) Mode 5320 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5311.100	100.8	12.00	112.86	68.20	44.66	peak	No Limit
2	X	5311.100	92.04	12.00	104.04	68.20	35.84	AVG	No Limit
3		5350.000	38.76	12.13	50.89	74.00	-23.11	peak	
4		5350.000	33.10	12.13	45.23	54.00	-8.77	AVG	

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

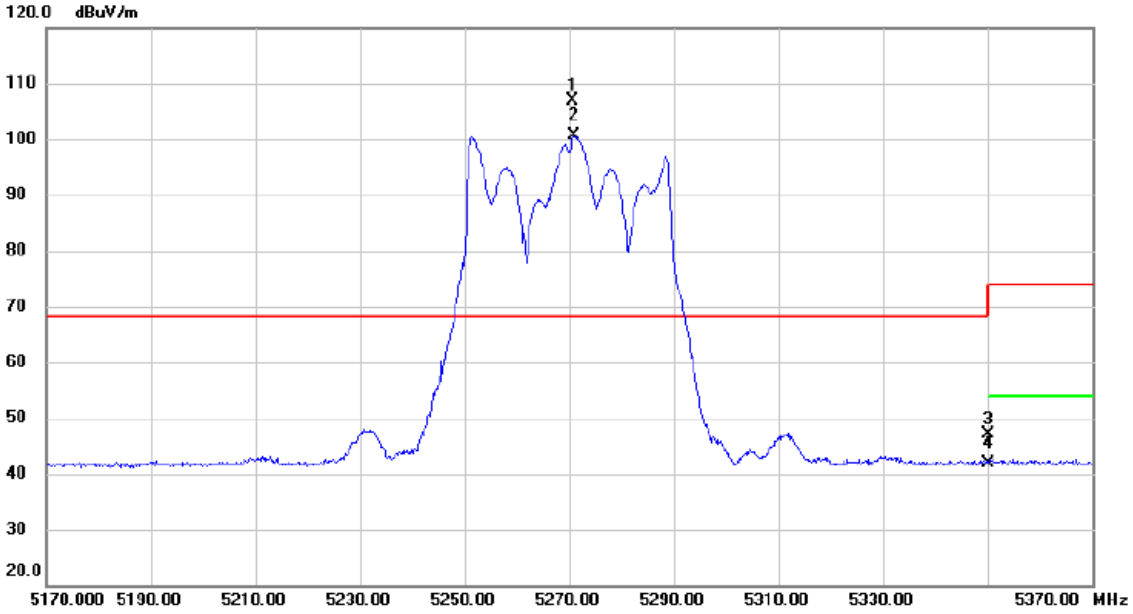
Test Mode	UNII-2A_TX BE(EHT20) Mode 5320 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	15936.87	28.42	7.91	36.33	54.00	-17.67	AVG	
2		15956.20	39.15	7.94	47.09	74.00	-26.91	peak	

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

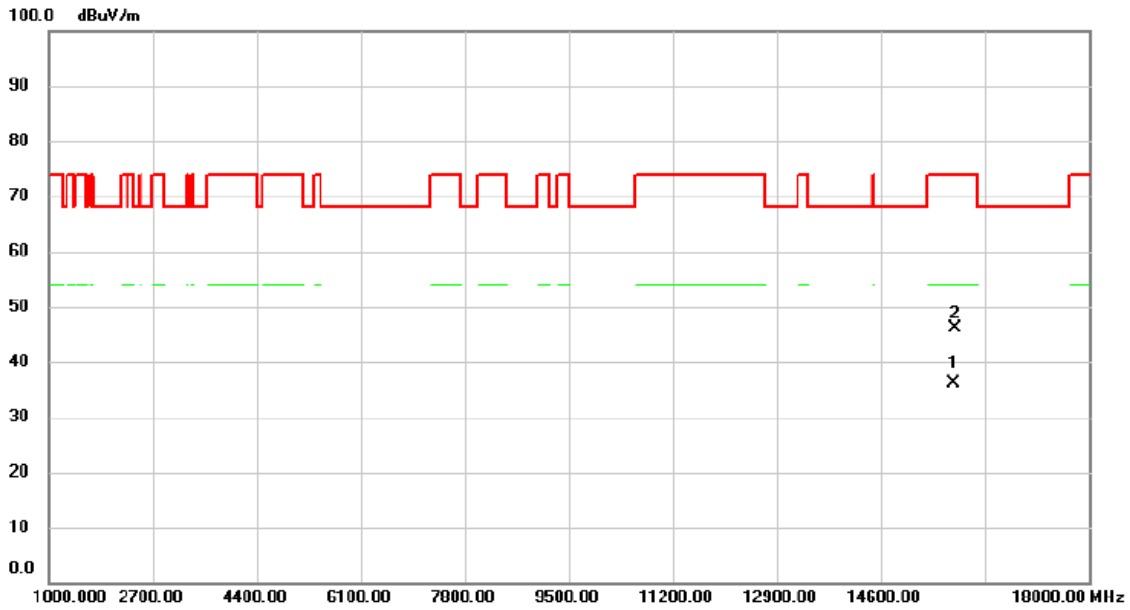
Test Mode	UNII-2A_TX BE(EHT40) Mode 5270 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5270.600	94.89	11.87	106.76	68.20	38.56	peak	No Limit
2	X	5270.900	88.71	11.88	100.59	68.20	32.39	AVG	No Limit
3		5350.000	35.12	12.13	47.25	74.00	-26.75	peak	
4		5350.000	29.83	12.13	41.96	54.00	-12.04	AVG	

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

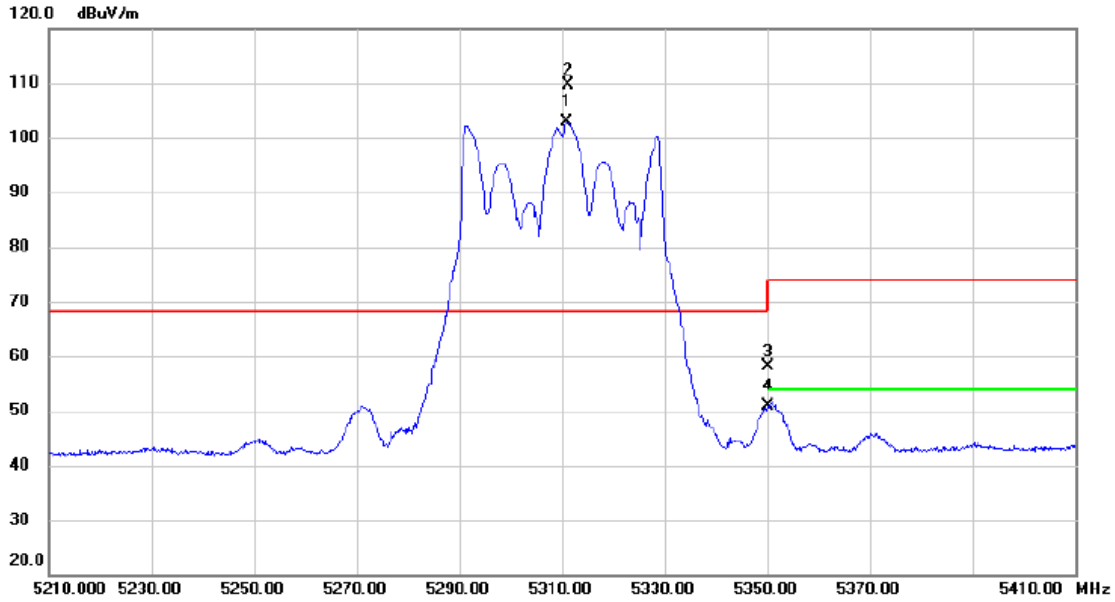
Test Mode	UNII-2A_TX BE(EHT40) Mode 5270 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	15794.47	28.35	7.74	36.09	54.00	-17.91	AVG	
2		15809.77	38.30	7.76	46.06	74.00	-27.94	peak	

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

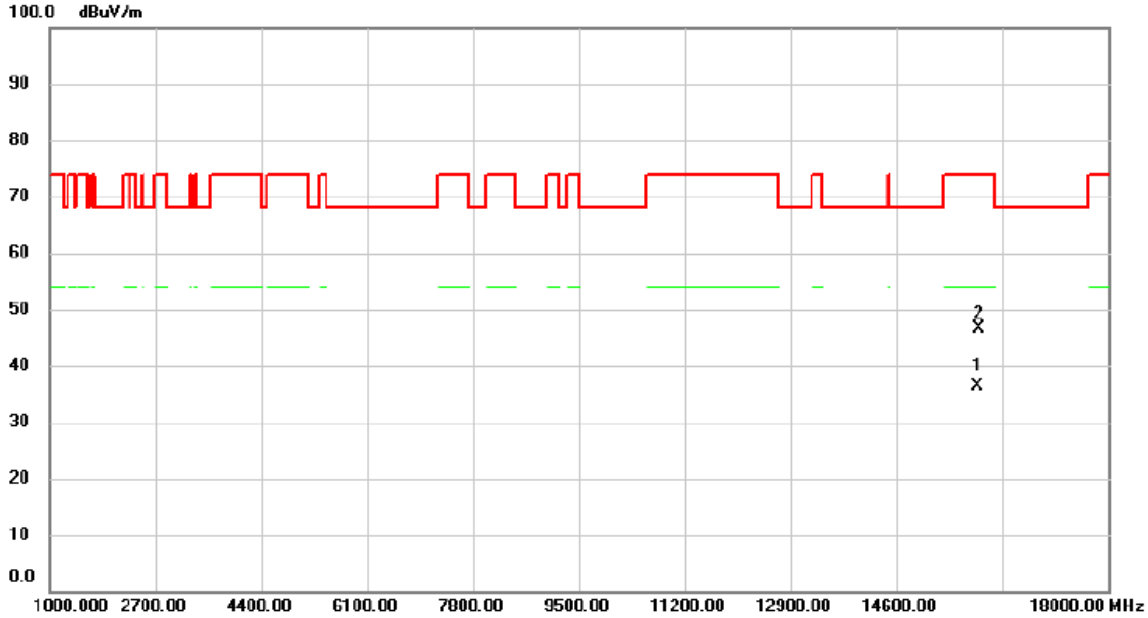
Test Mode	UNII-2A_TX BE(EHT40) Mode 5310 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5310.800	90.82	12.00	102.82	68.20	34.62	AVG	No Limit
2	*	5311.100	97.70	12.00	109.70	68.20	41.50	peak	No Limit
3		5350.000	46.05	12.13	58.18	74.00	-15.82	peak	
4		5350.000	38.66	12.13	50.79	54.00	-3.21	AVG	

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

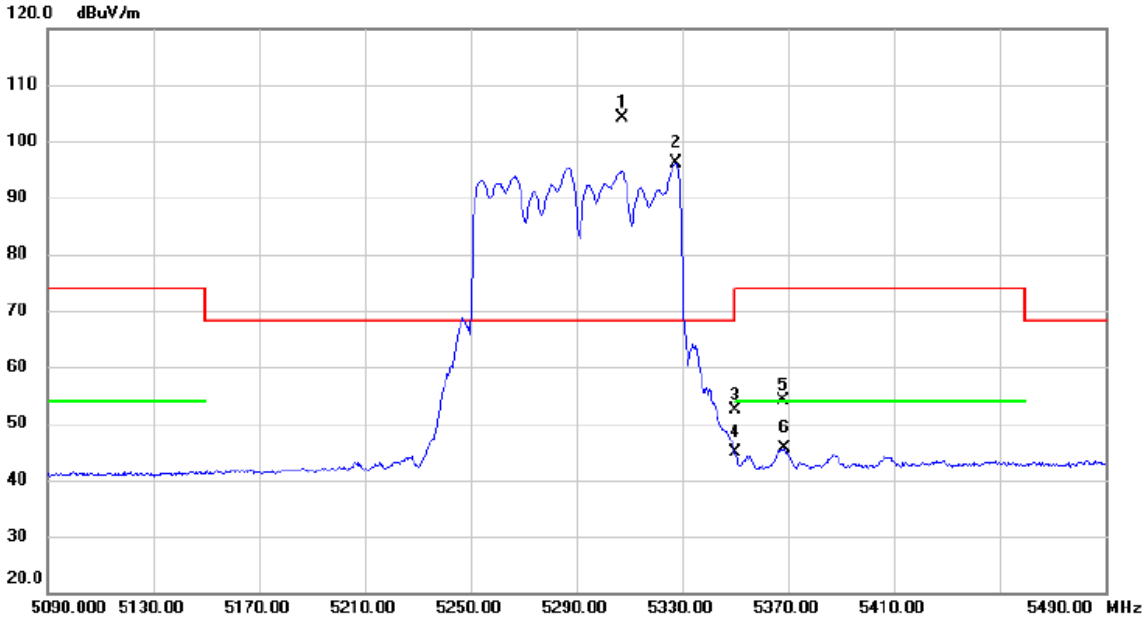
Test Mode	UNII-2A_TX BE(EHT40) Mode 5310 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	15905.42	28.54	7.86	36.40	54.00	-17.60	AVG	
2		15934.07	38.71	7.90	46.61	74.00	-27.39	peak	

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

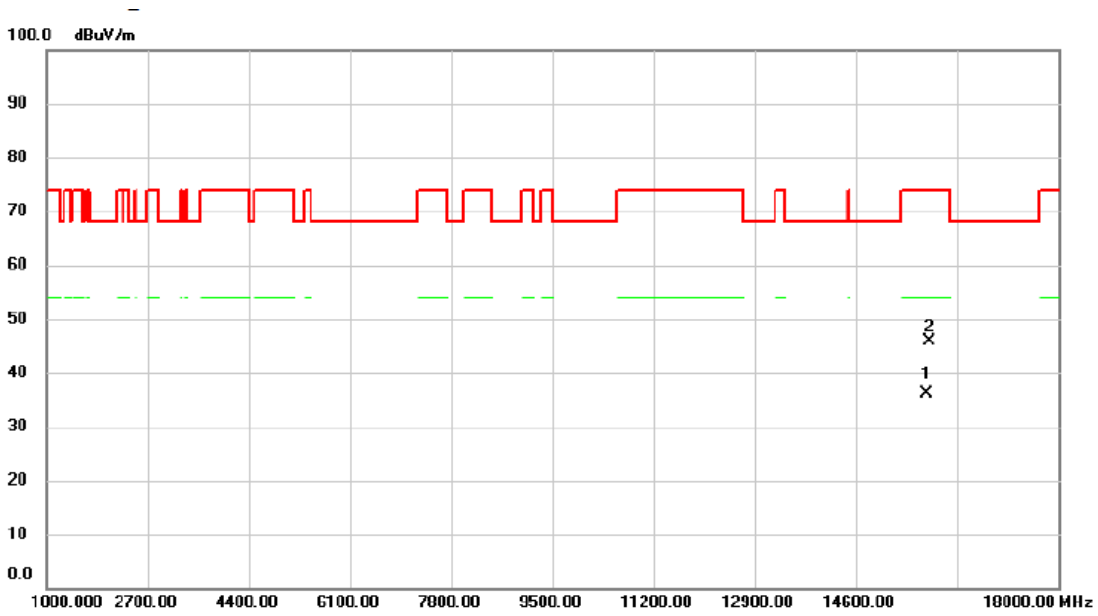
Test Mode	UNII-2A_TX BE(EHT80) Mode 5290 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5307.400	92.25	11.99	104.24	68.20	36.04	peak	No Limit
2	X	5327.600	84.08	12.07	96.15	68.20	27.95	AVG	No Limit
3		5350.000	40.17	12.13	52.30	74.00	-21.70	peak	
4		5350.000	32.75	12.13	44.88	54.00	-9.12	AVG	
5		5368.300	41.86	12.21	54.07	74.00	-19.93	peak	
6		5368.800	33.45	12.21	45.66	54.00	-8.34	AVG	

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

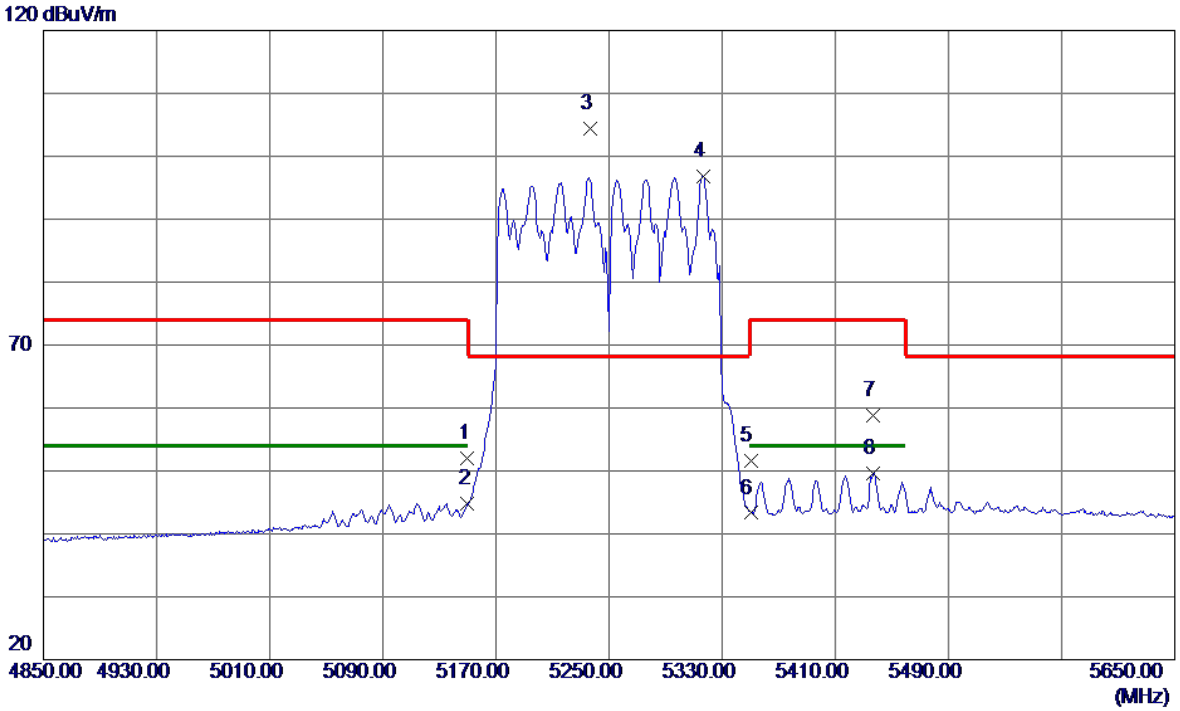
Test Mode	UNII-2A_TX BE(EHT80) Mode 5290 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	15785.60	28.43	7.73	36.16	54.00	-17.84	AVG	
2		15837.90	38.20	7.78	45.98	74.00	-28.02	peak	

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

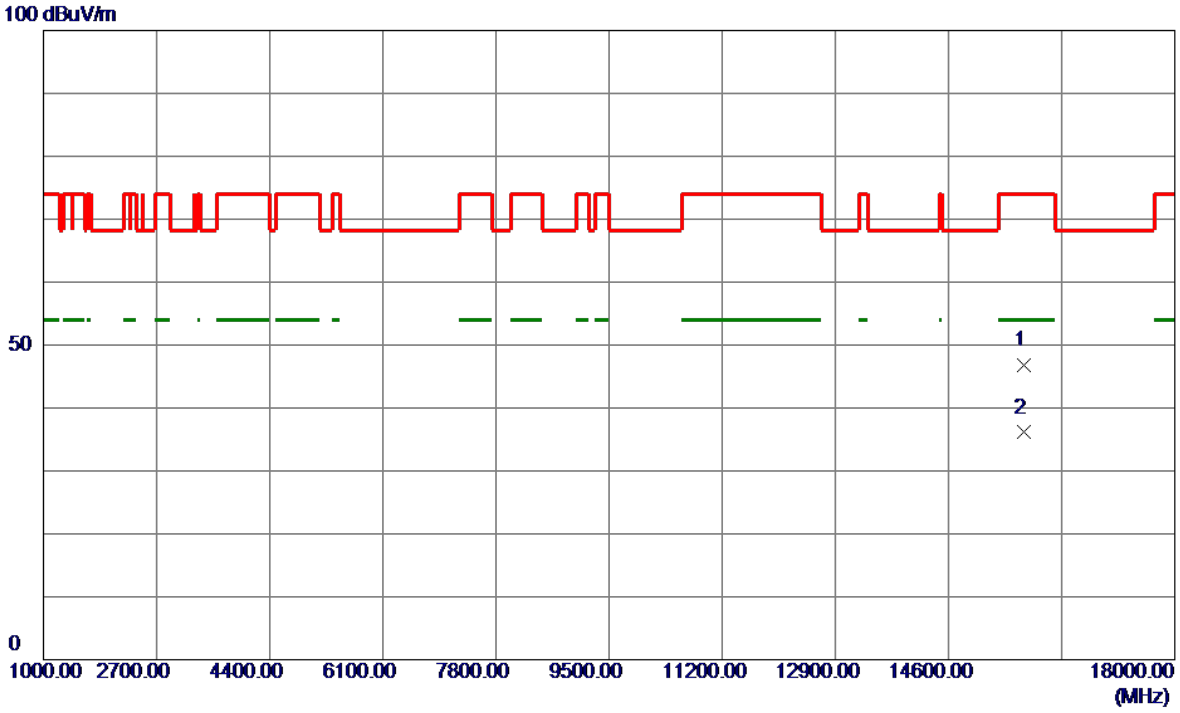
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	40.48	11.45	51.93	74.00	-22.07	Peak	
2	5150.0000	33.32	11.45	44.77	54.00	-9.23	AVG	
3 *	5236.4000	92.59	11.75	104.34	68.20	36.14	Peak	No Limit
4	5316.4000	84.86	12.03	96.89	999.00	-902.11	AVG	No Limit
5	5350.0000	39.52	12.14	51.66	74.00	-22.34	Peak	
6	5350.0000	31.16	12.14	43.30	54.00	-10.70	AVG	
7	5436.8000	46.42	12.44	58.86	74.00	-15.14	Peak	
8	5436.8000	37.16	12.44	49.60	54.00	-4.40	AVG	

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

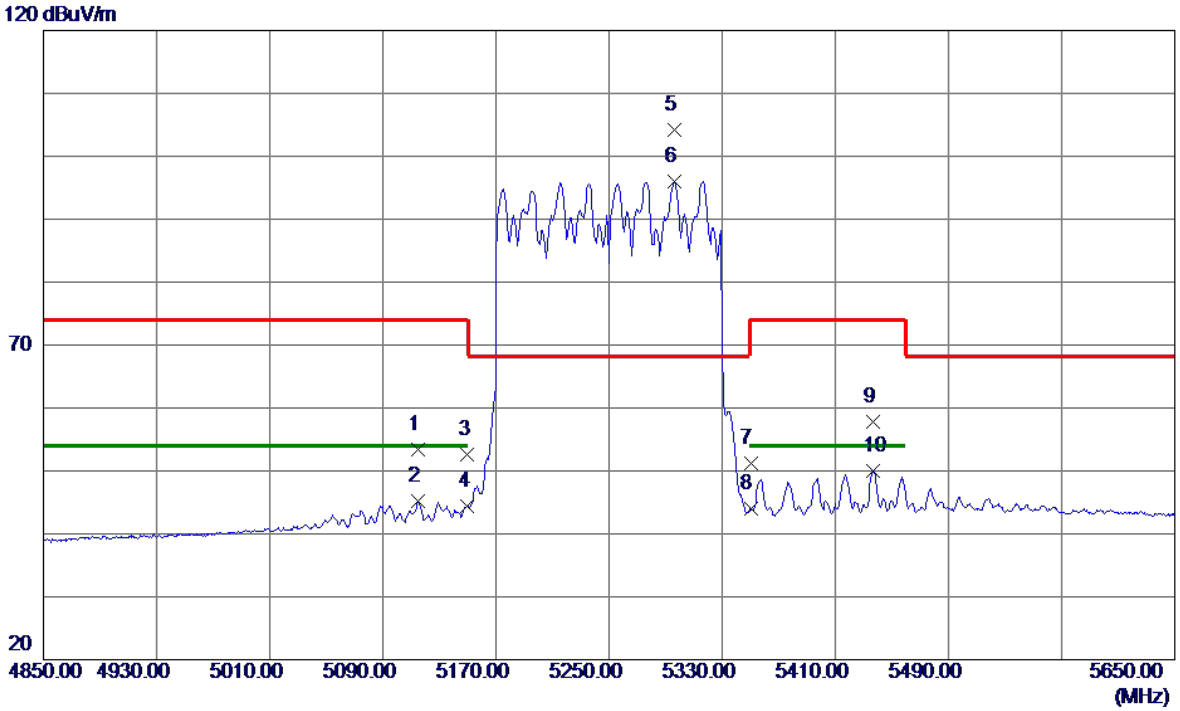
Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15730.7000	39.17	7.66	46.83	74.00	-27.17	Peak	
2 *	15741.2000	28.43	7.67	36.10	54.00	-17.90	AVG	

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

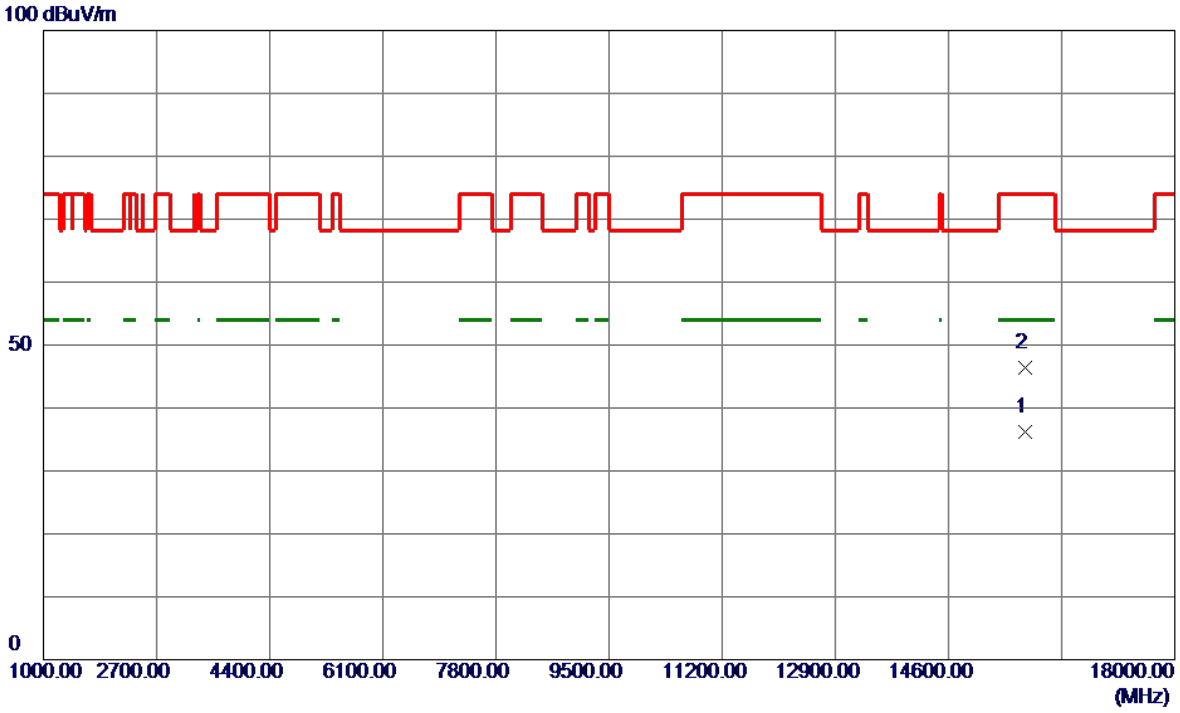
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5115.2000	41.97	11.34	53.31	74.00	-20.69	Peak	
2	5115.2000	33.87	11.34	45.21	54.00	-8.79	AVG	
3	5150.0000	41.15	11.45	52.60	74.00	-21.40	Peak	
4	5150.0000	32.86	11.45	44.31	54.00	-9.69	AVG	
5 *	5296.4000	92.15	11.96	104.11	68.20	35.91	Peak	No Limit
6	5296.4000	84.06	11.96	96.02	999.00	-902.98	AVG	No Limit
7	5350.0000	39.02	12.14	51.16	74.00	-22.84	Peak	
8	5350.0000	31.93	12.14	44.07	54.00	-9.93	AVG	
9	5436.4000	45.28	12.44	57.72	74.00	-16.28	Peak	
10	5436.4000	37.47	12.44	49.91	54.00	-4.09	AVG	

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

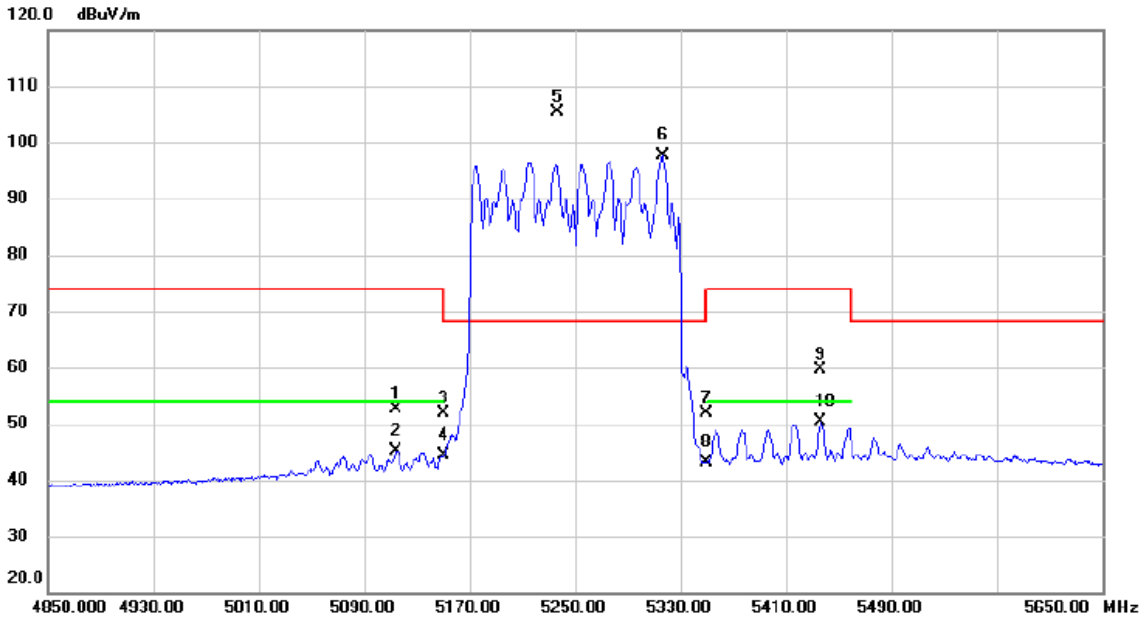
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15744.2000	28.57	7.68	36.25	54.00	-17.75	AVG	
2	15760.6000	38.72	7.69	46.41	74.00	-27.59	Peak	

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

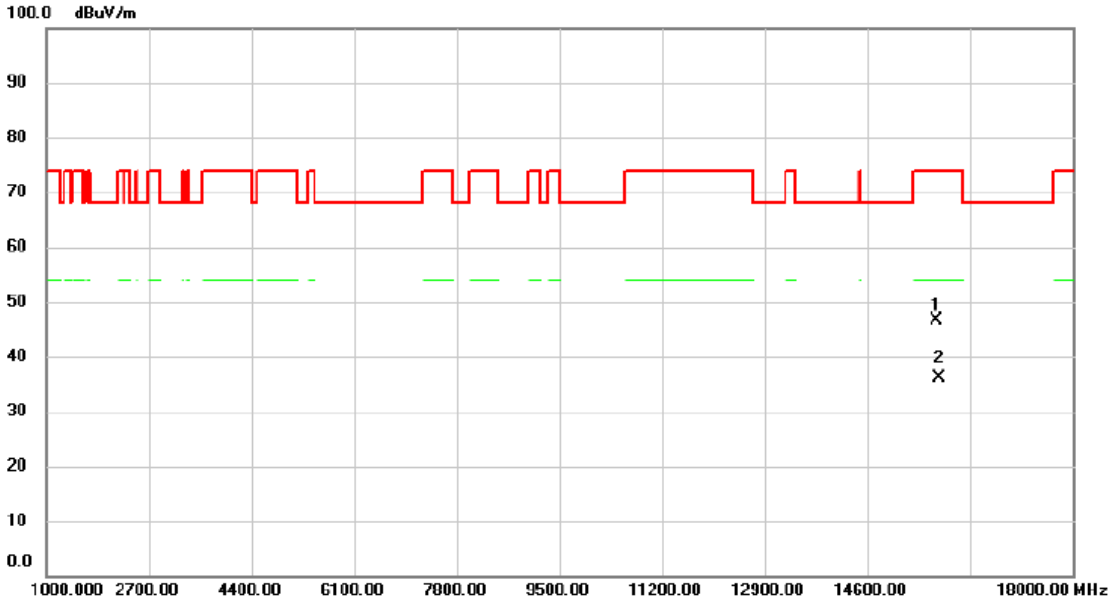
Test Mode	UNII-1+UNII-2A_TX BE(EHT160) Mode 5250 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5114.000	41.25	11.33	52.58	74.00	-21.42	peak	
2		5114.000	33.82	11.33	45.15	54.00	-8.85	AVG	
3		5150.000	40.49	11.45	51.94	74.00	-22.06	peak	
4		5150.000	32.84	11.45	44.29	54.00	-9.71	AVG	
5	*	5236.800	93.67	11.76	105.43	68.20	37.23	peak	No Limit
6	X	5316.400	85.67	12.03	97.70	68.20	29.50	AVG	No Limit
7		5350.000	39.65	12.13	51.78	74.00	-22.22	peak	
8		5350.000	30.91	12.13	43.04	54.00	-10.96	AVG	
9		5436.400	47.12	12.44	59.56	74.00	-14.44	peak	
10		5436.400	38.00	12.44	50.44	54.00	-3.56	AVG	

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

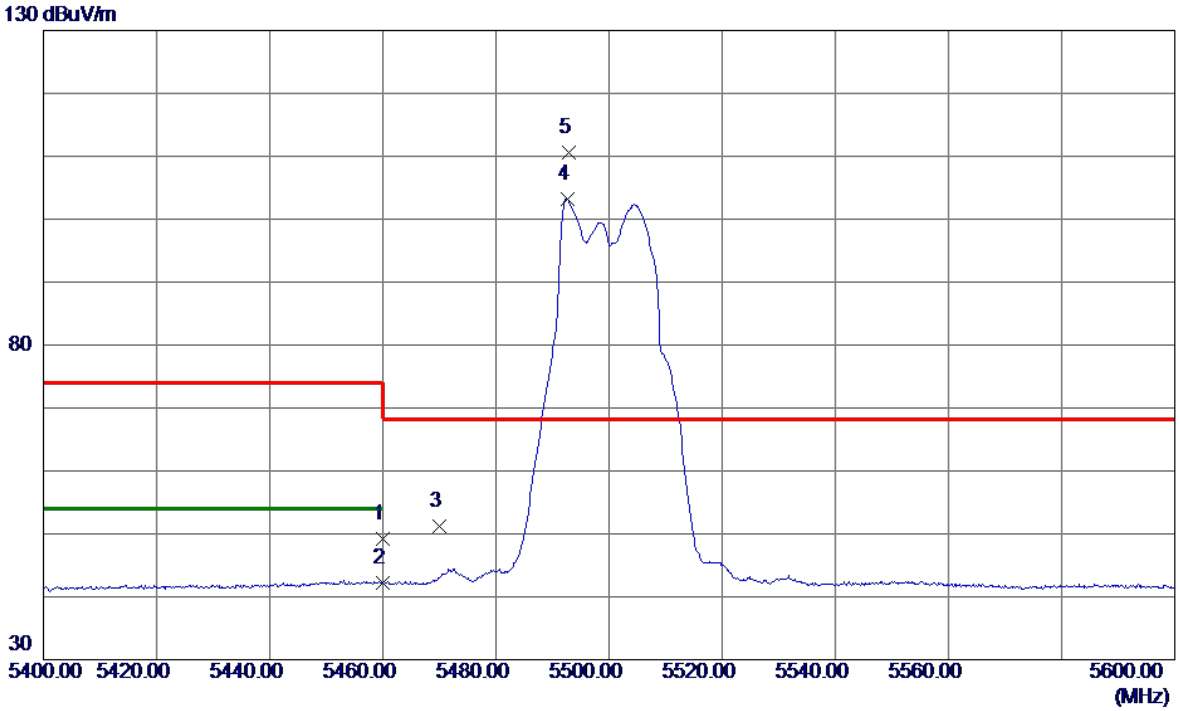
Test Mode	UNII-1+UNII-2A_TX BE(EHT160) Mode 5250 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		15747.70	38.85	7.67	46.52	74.00	-27.48	peak	
2	*	15783.50	28.46	7.73	36.19	54.00	-17.81	AVG	

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

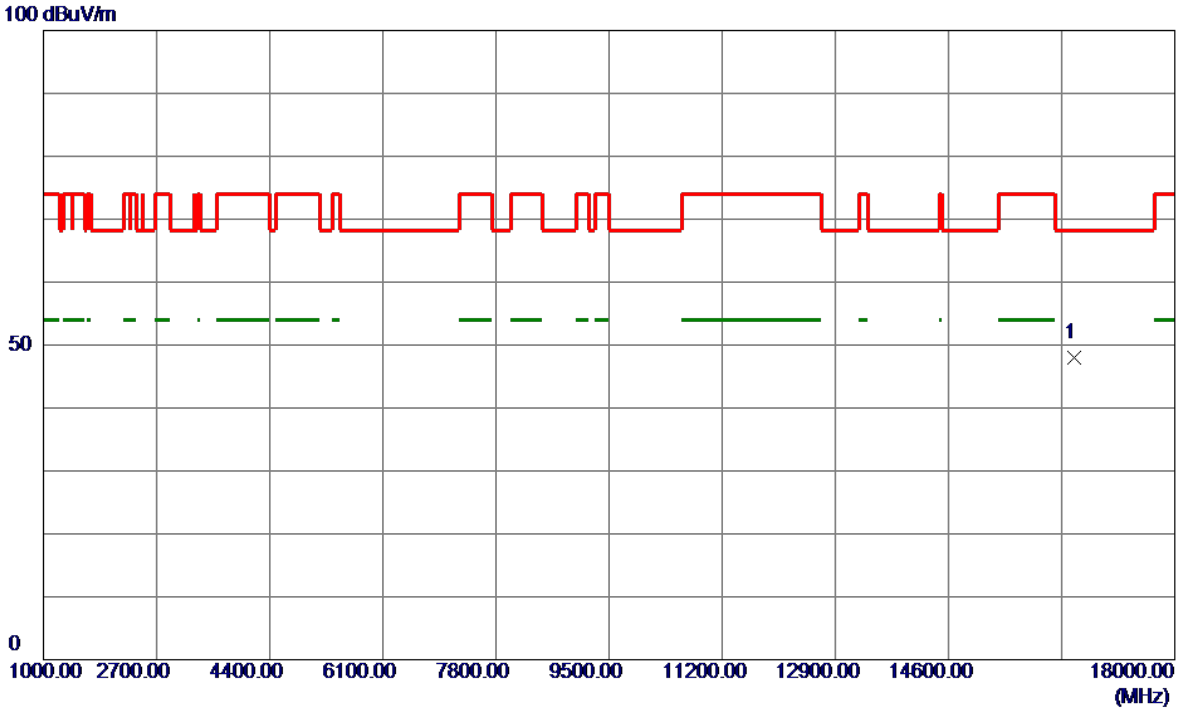
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	36.61	12.52	49.13	74.00	-24.87	Peak	
2	5460.0000	29.75	12.52	42.27	54.00	-11.73	AVG	
3	5470.0000	38.56	12.55	51.11	68.20	-17.09	Peak	
4	5492.7000	90.56	12.63	103.19	999.00	-895.81	AVG	No Limit
5 *	5492.9000	97.94	12.63	110.57	68.20	42.37	Peak	No Limit

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

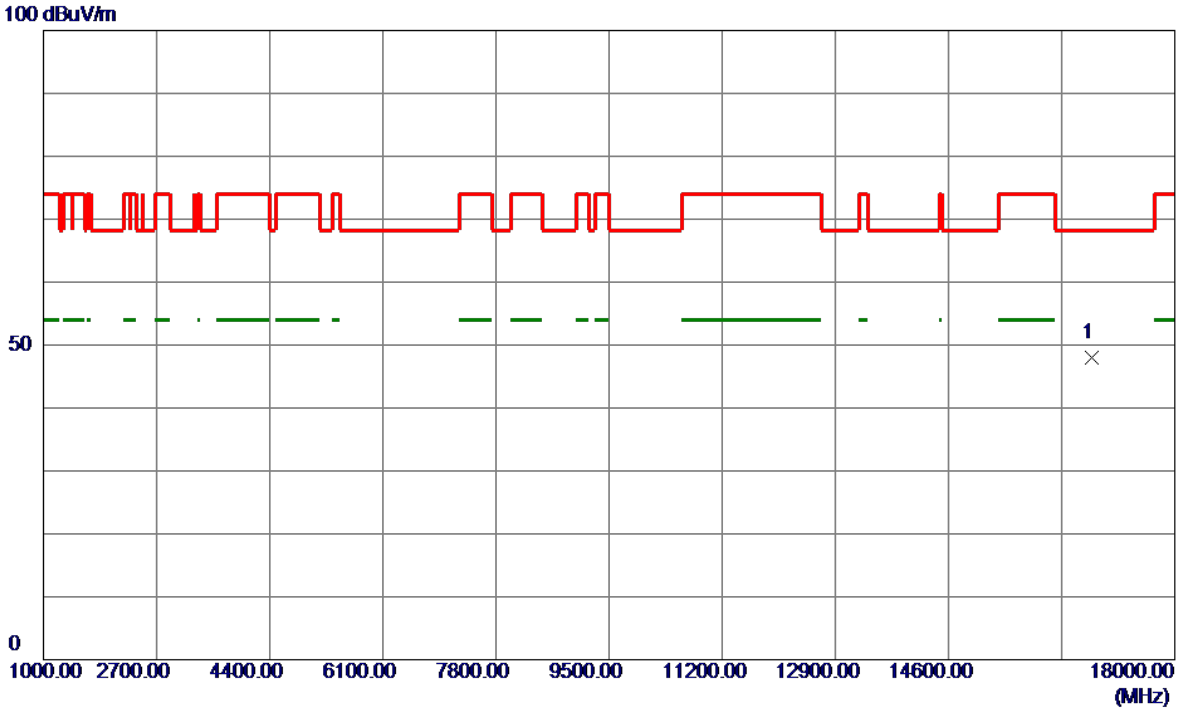
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16480.8000	39.35	8.57	47.92	68.20	-20.28	Peak	

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

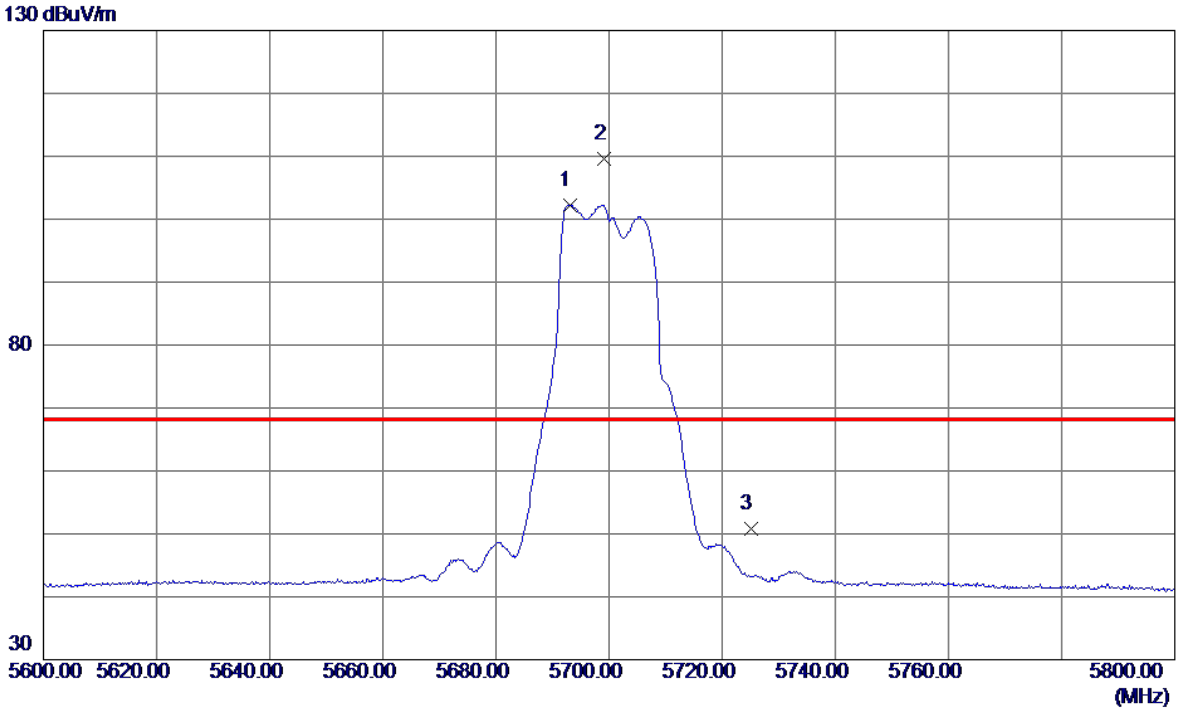
Test Mode	UNII-2C_TX A Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16752.7000	39.41	8.66	48.07	68.20	-20.13	Peak	

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

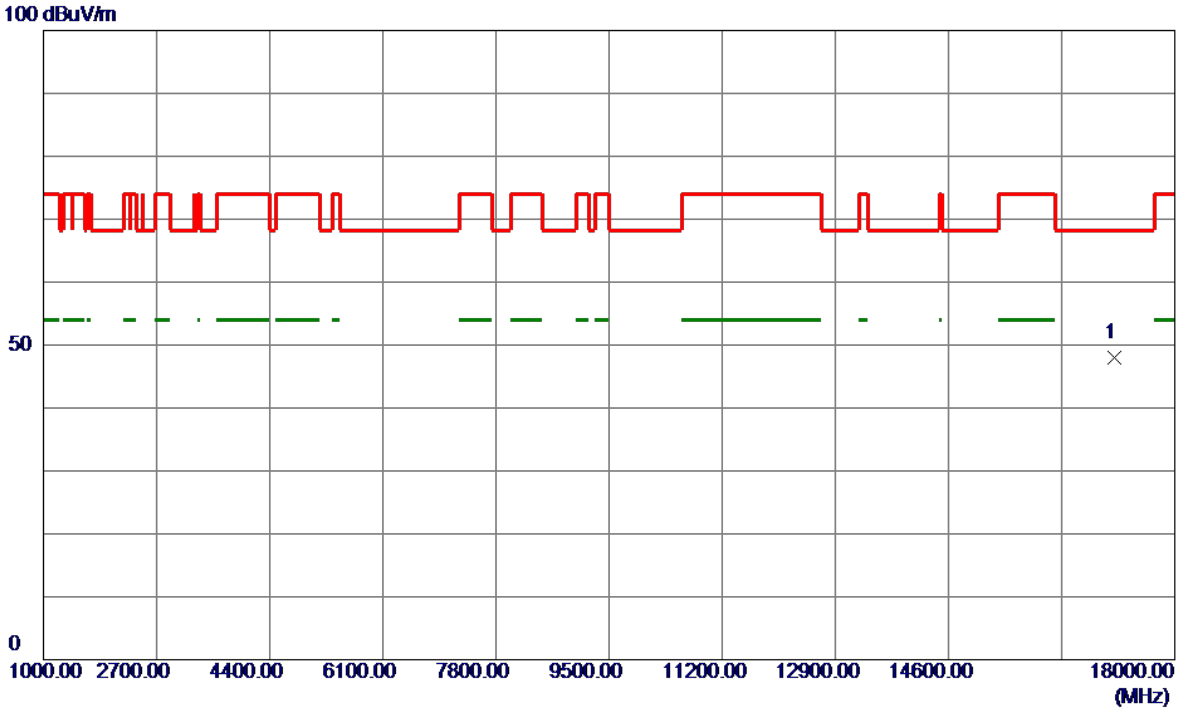
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5693.0000	89.30	12.98	102.28	999.00	-896.72	AVG	No Limit
2 *	5699.1000	96.56	12.99	109.55	68.20	41.35	Peak	No Limit
3	5725.0000	37.86	13.03	50.89	68.20	-17.31	Peak	

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

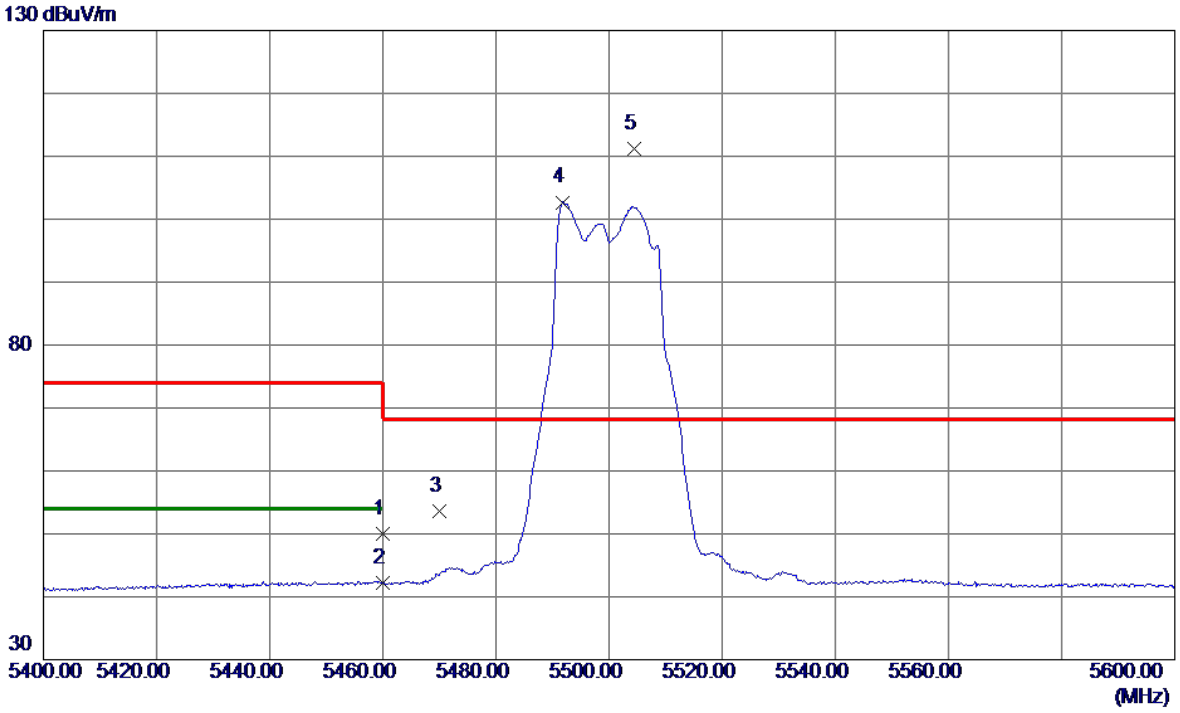
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17090.2000	39.17	8.81	47.98	68.20	-20.22	Peak	

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

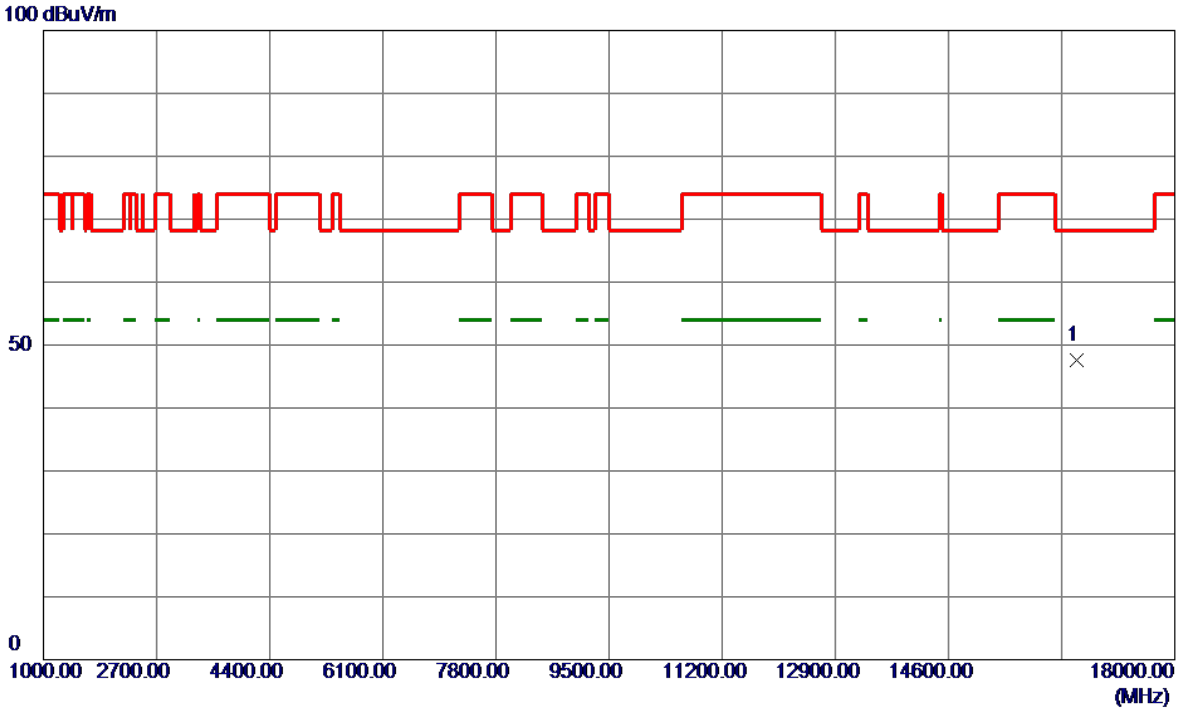
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	37.53	12.52	50.05	74.00	-23.95	Peak	
2	5460.0000	29.62	12.52	42.14	54.00	-11.86	AVG	
3	5470.0000	41.06	12.55	53.61	68.20	-14.59	Peak	
4	5491.8000	90.07	12.63	102.70	999.00	-896.30	AVG	No Limit
5 *	5504.4000	98.52	12.66	111.18	68.20	42.98	Peak	No Limit

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

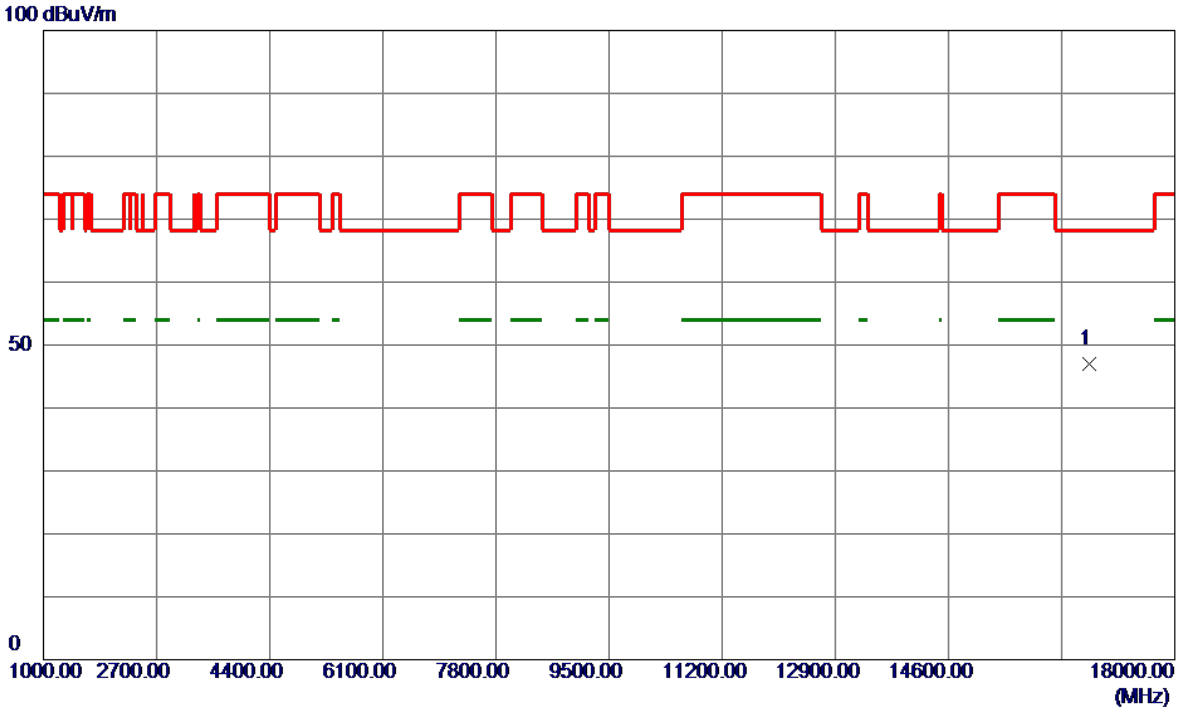
Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16518.2250	38.99	8.60	47.59	68.20	-20.61	Peak	

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

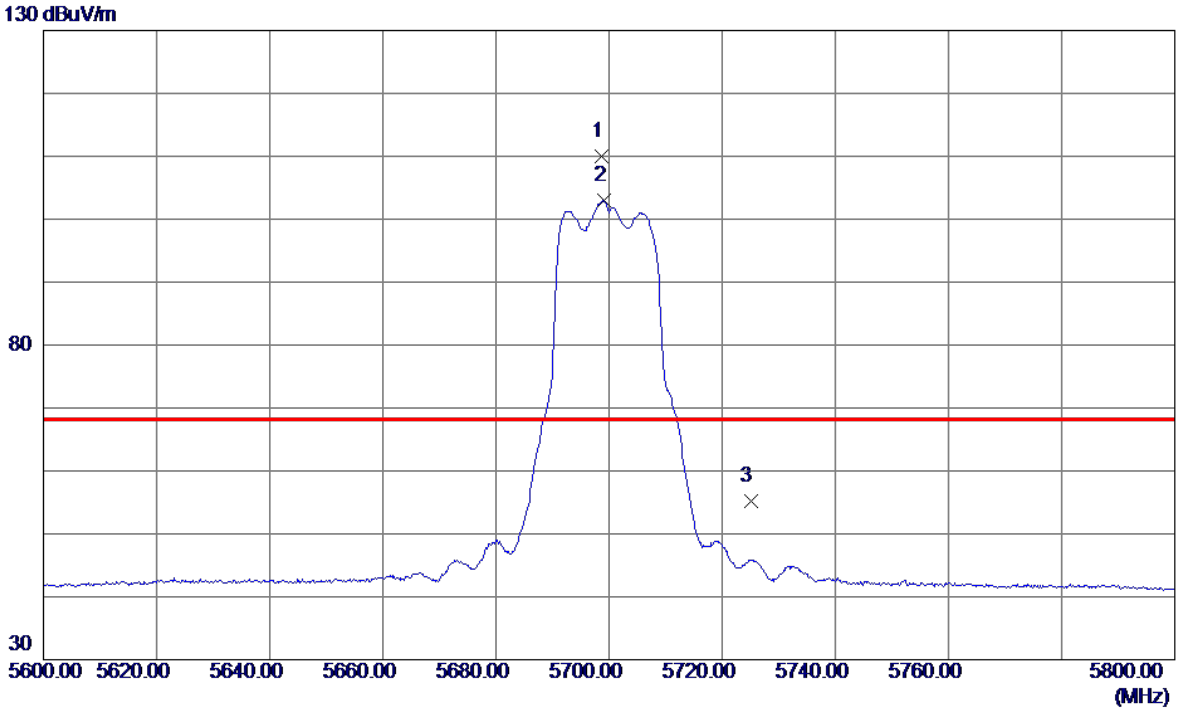
Test Mode	UNII-2C_TX AC(VHT20) Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16724.3500	38.35	8.65	47.00	68.20	-21.20	Peak	

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

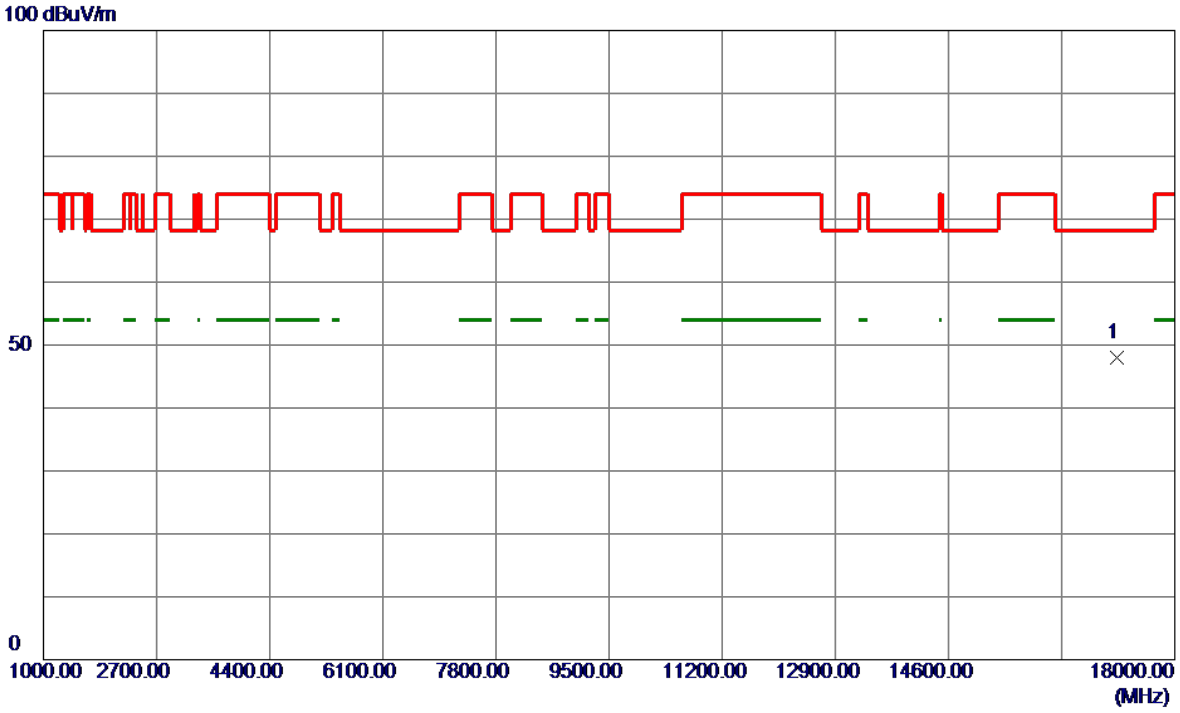
Test Mode	UNII-2C_TX AC(VHT20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5698.7000	96.98	12.99	109.97	68.20	41.77	Peak	No Limit
2	5699.1000	90.04	12.99	103.03	999.00	-895.97	AVG	No Limit
3	5725.0000	42.19	13.03	55.22	68.20	-12.98	Peak	

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

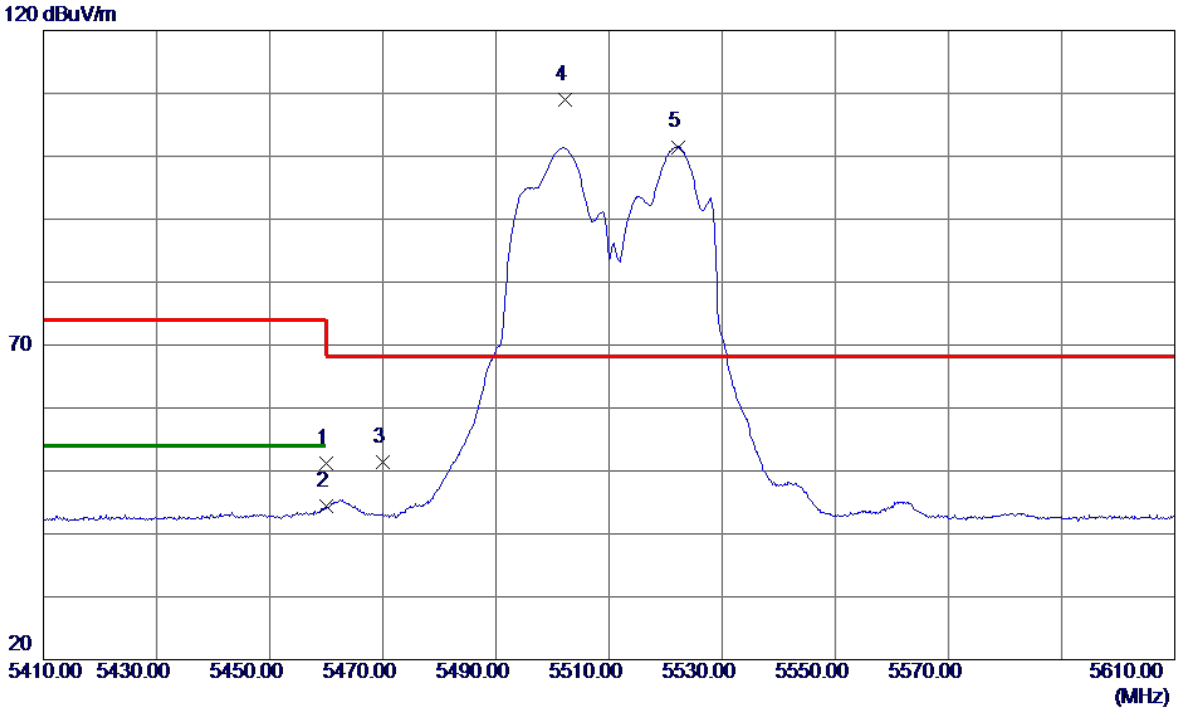
Test Mode	UNII-2C_TX AC(VHT20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17137.5000	39.11	8.85	47.96	68.20	-20.24	Peak	

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

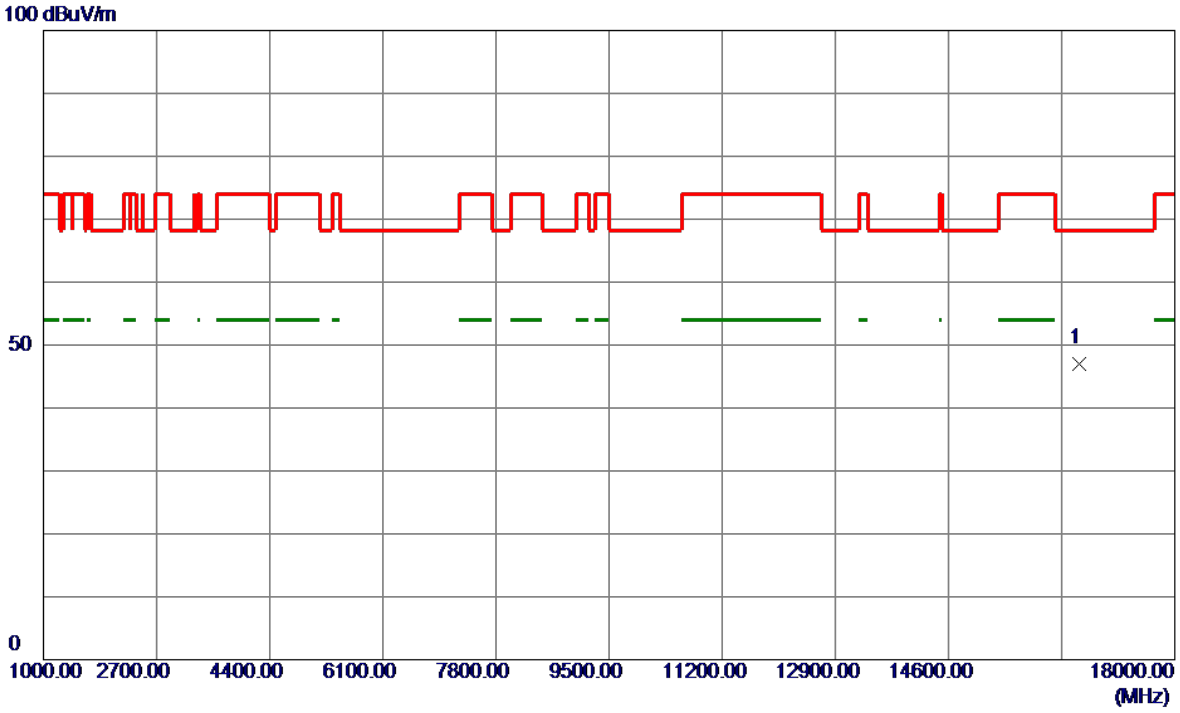
Test Mode	UNII-2C_TX AC(VHT40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	38.72	12.52	51.24	74.00	-22.76	Peak	
2	5460.0000	31.79	12.52	44.31	54.00	-9.69	AVG	
3	5470.0000	38.88	12.55	51.43	68.20	-16.77	Peak	
4 *	5502.3000	96.34	12.66	109.00	68.20	40.80	Peak	No Limit
5	5522.2000	88.81	12.69	101.50	999.00	-897.50	AVG	No Limit

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

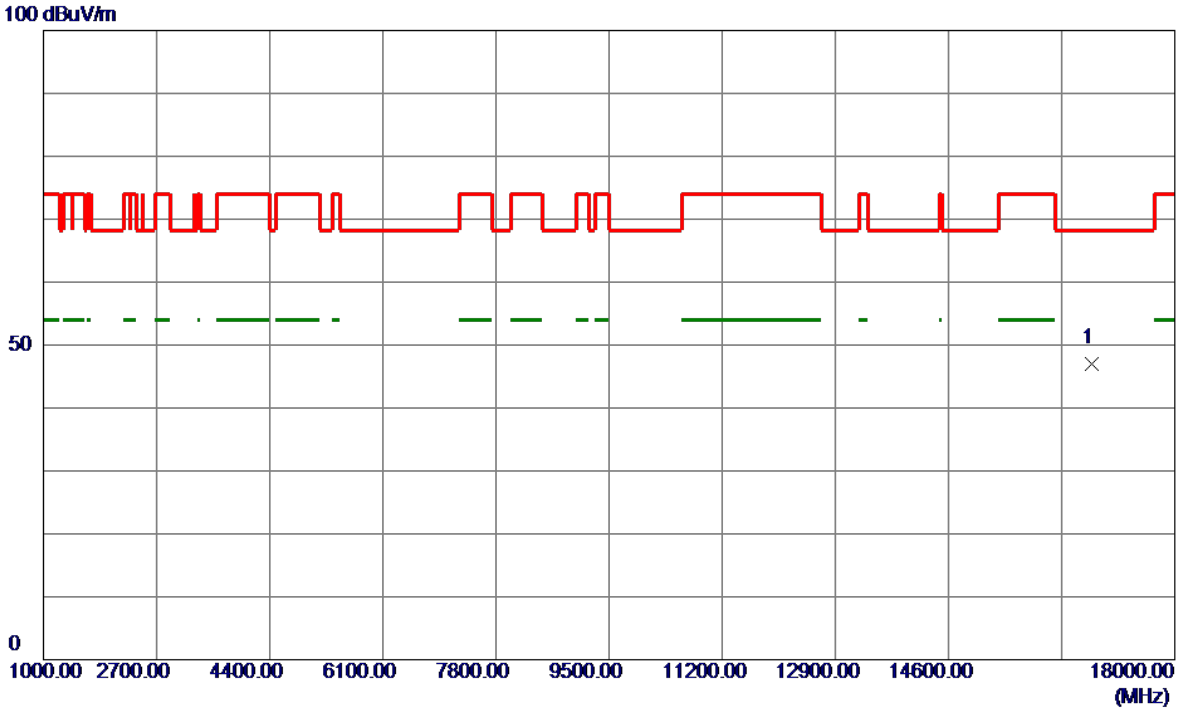
Test Mode	UNII-2C_TX AC(VHT40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16558.2000	38.49	8.61	47.10	68.20	-21.10	Peak	

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

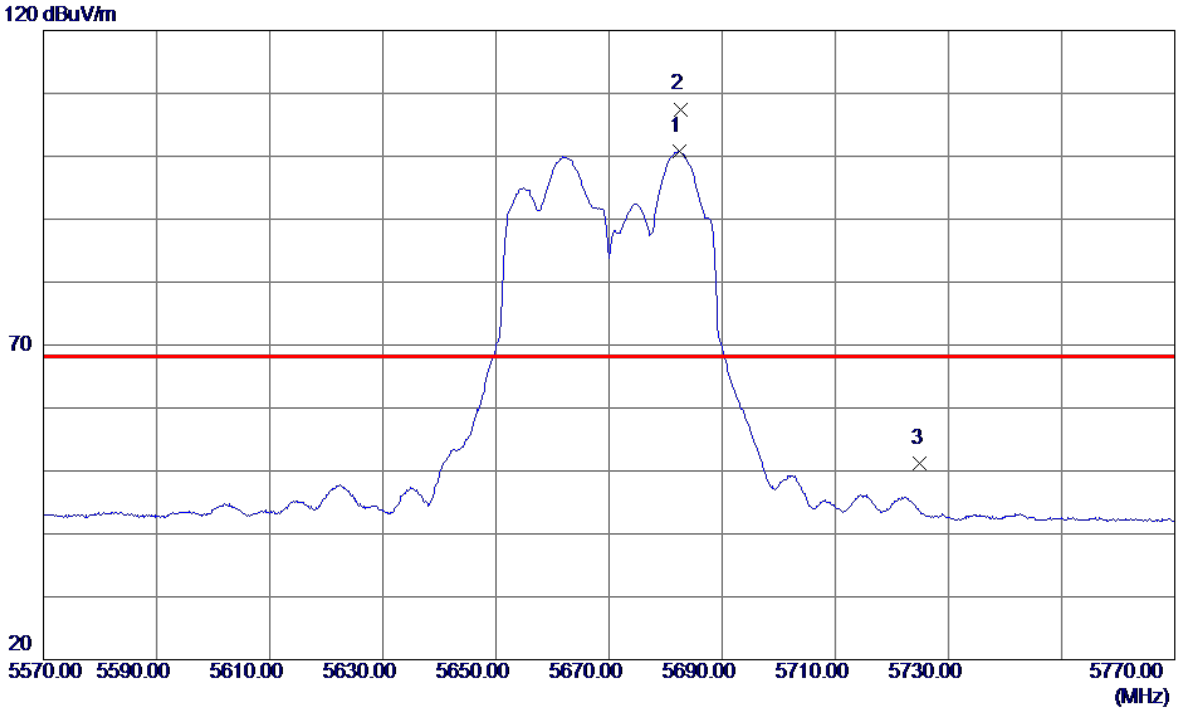
Test Mode	UNII-2C_TX AC(VHT40) Mode 5550 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16749.7000	38.44	8.66	47.10	68.20	-21.10	Peak	

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

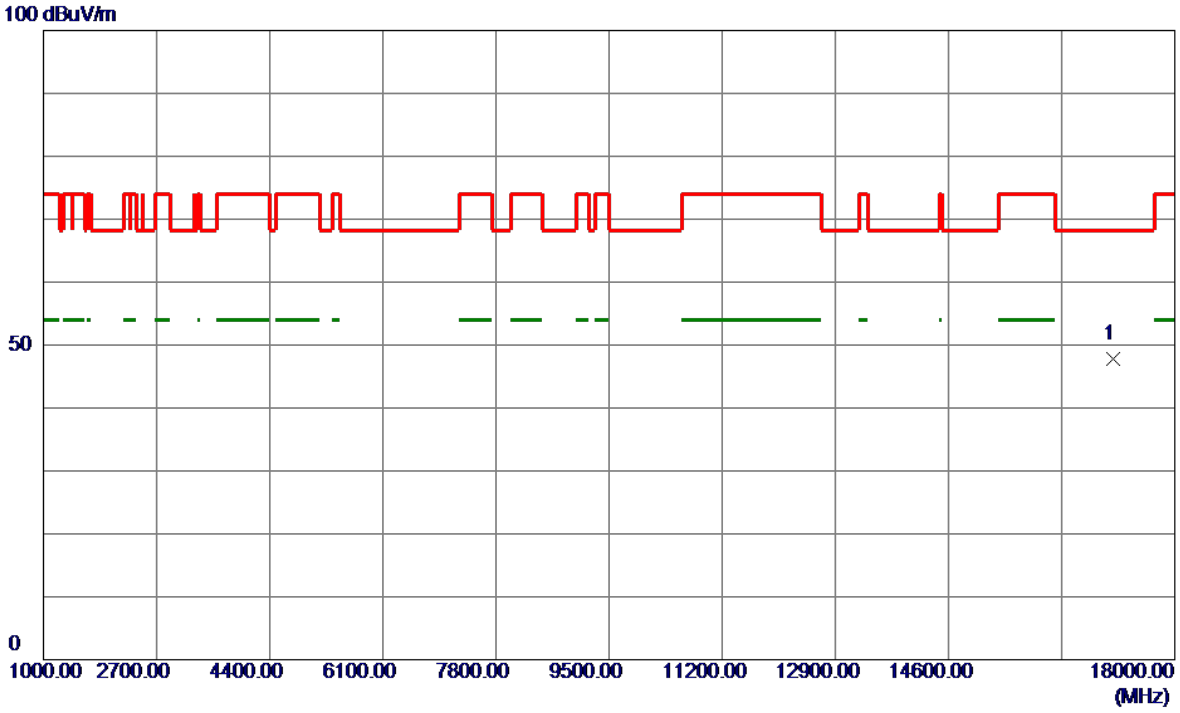
Test Mode	UNII-2C_TX AC(VHT40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5682.4000	87.75	12.96	100.71	999.00	-898.29	AVG	No Limit
2 *	5682.7000	94.54	12.96	107.50	68.20	39.30	Peak	No Limit
3	5725.0000	38.19	13.03	51.22	68.20	-16.98	Peak	

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

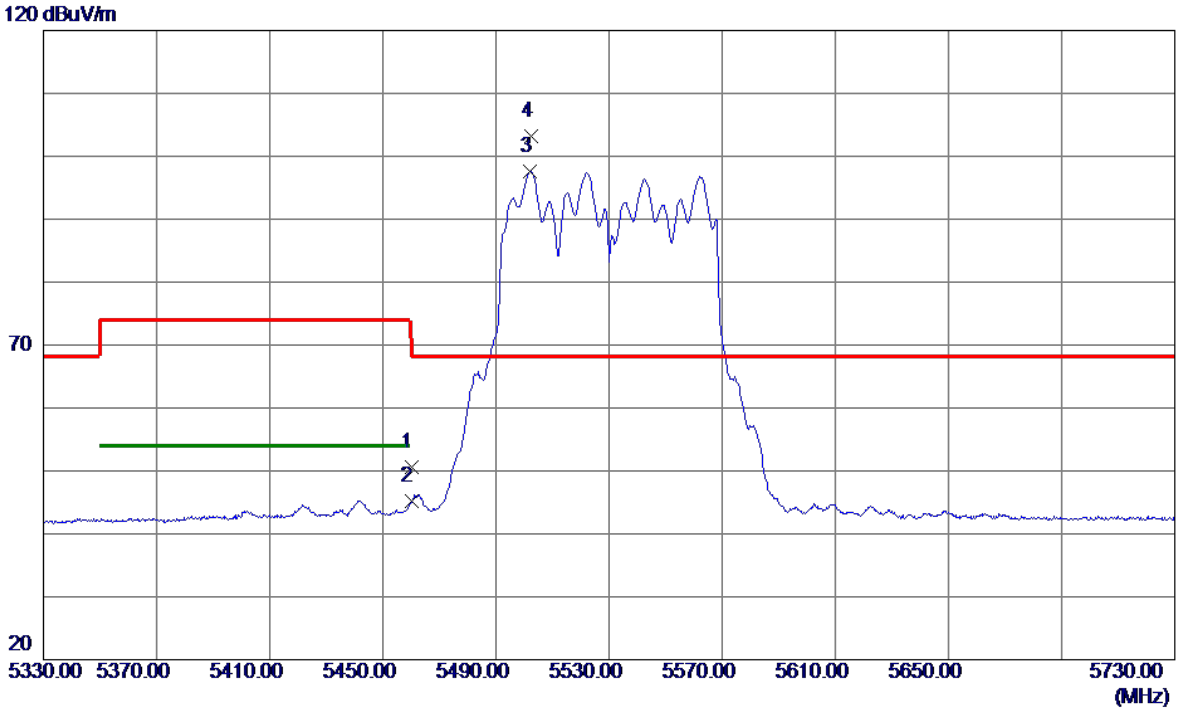
Test Mode	UNII-2C_TX AC(VHT40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17074.7000	39.10	8.79	47.89	68.20	-20.31	Peak	

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

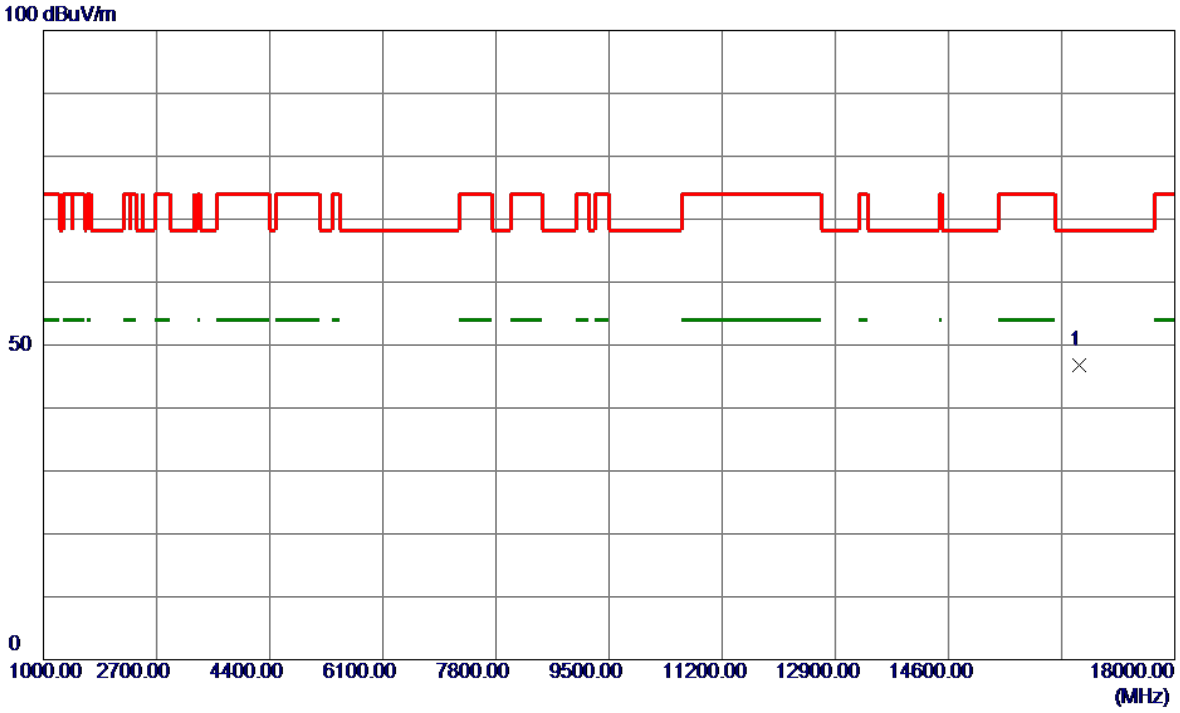
Test Mode	UNII-2C_TX AC(VHT80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	38.12	12.52	50.64	74.00	-23.36	Peak	
2	5460.0000	32.77	12.52	45.29	54.00	-8.71	AVG	
3	5501.8000	84.96	12.66	97.62	999.00	-901.38	AVG	No Limit
4 *	5502.4000	90.46	12.66	103.12	68.20	34.92	Peak	No Limit

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

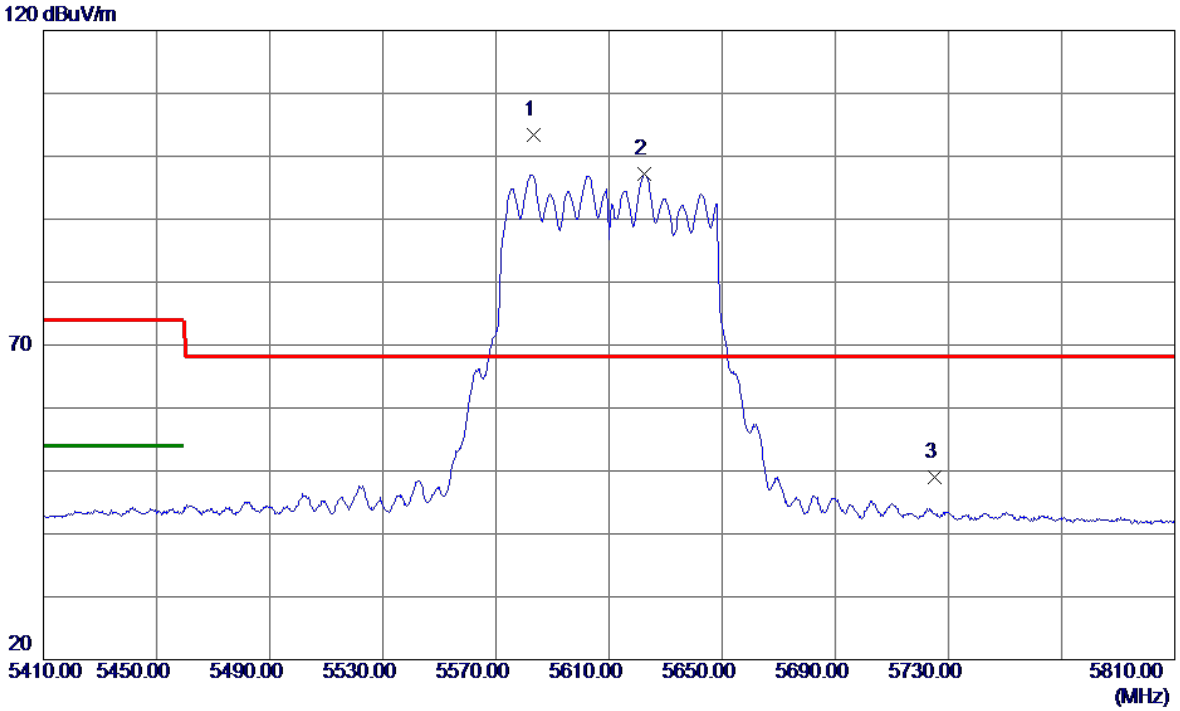
Test Mode	UNII-2C_TX AC(VHT80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16566.7750	38.14	8.61	46.75	68.20	-21.45	Peak	

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

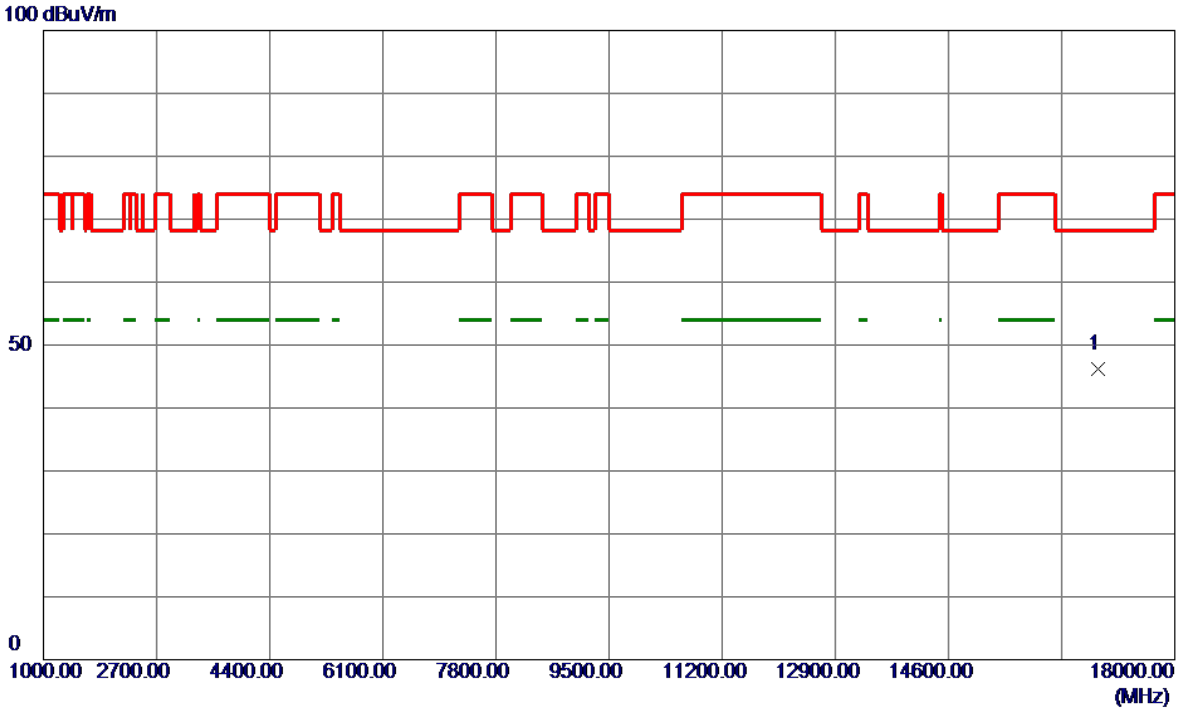
Test Mode	UNII-2C_TX AC(VHT80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5583.2000	90.55	12.79	103.34	68.20	35.14	Peak	No Limit
2	5622.4000	84.34	12.86	97.20	999.00	-901.80	AVG	No Limit
3	5725.0000	36.01	13.03	49.04	68.20	-19.16	Peak	

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

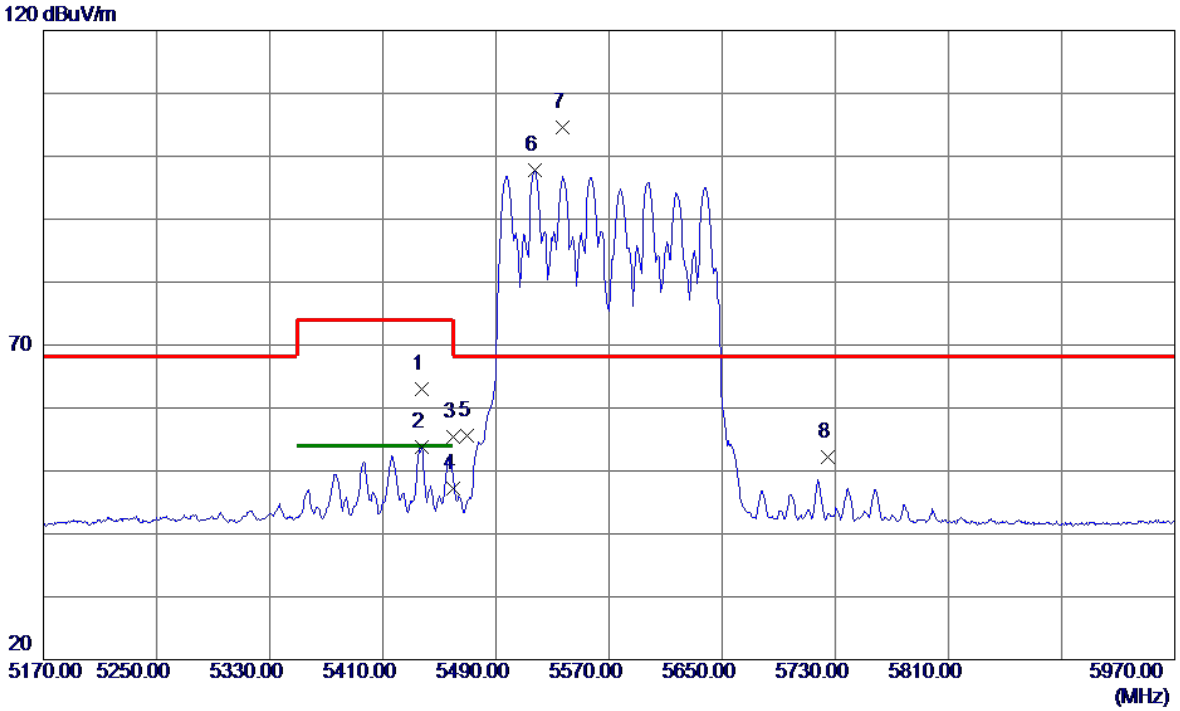
Test Mode	UNII-2C_TX AC(VHT80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16843.4250	37.50	8.68	46.18	68.20	-22.02	Peak	

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

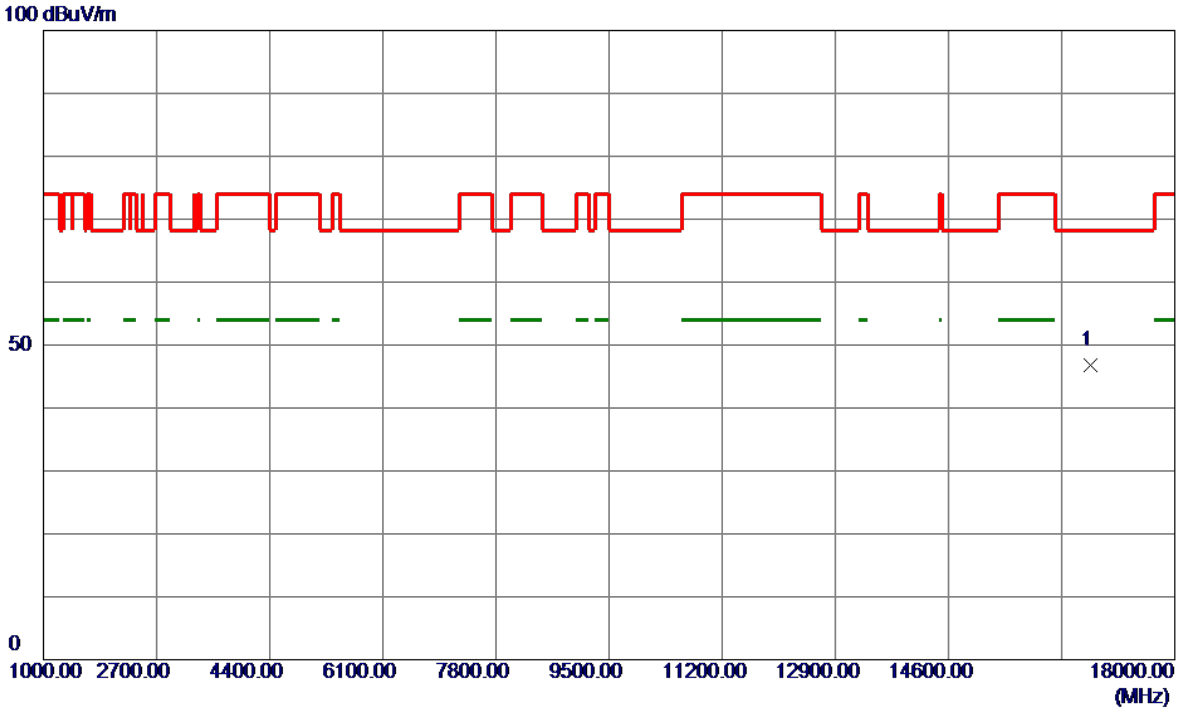
Test Mode	UNII-2C_TX AC(VHT160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5437.2000	50.64	12.44	63.08	74.00	-10.92	Peak	
2	5437.2000	41.35	12.44	53.79	54.00	-0.21	AVG	
3	5460.0000	42.87	12.52	55.39	74.00	-18.61	Peak	
4	5460.0000	34.67	12.52	47.19	54.00	-6.81	AVG	
5	5470.0000	43.14	12.55	55.69	68.20	-12.51	Peak	
6	5517.2000	85.12	12.68	97.80	999.00	-901.20	AVG	No Limit
7 *	5536.8000	91.81	12.72	104.53	68.20	36.33	Peak	No Limit
8	5725.0000	39.15	13.03	52.18	68.20	-16.02	Peak	

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

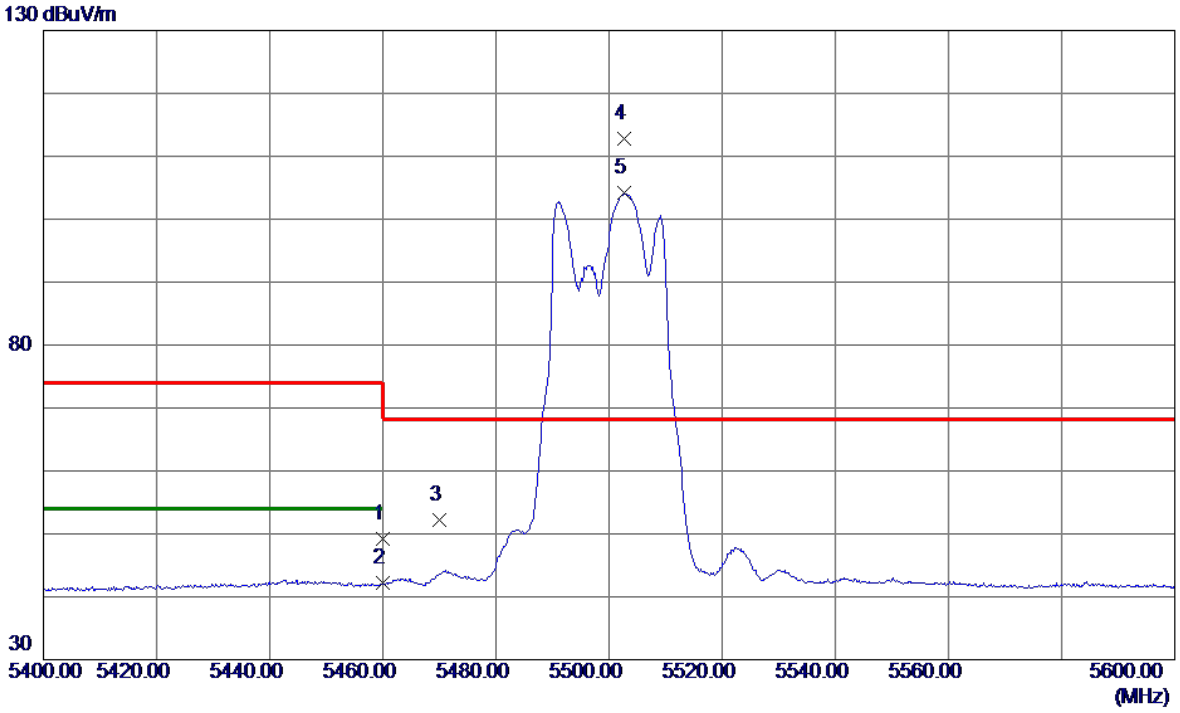
Test Mode	UNII-2C_TX AC(VHT160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16738.4000	38.15	8.65	46.80	68.20	-21.40	Peak	

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

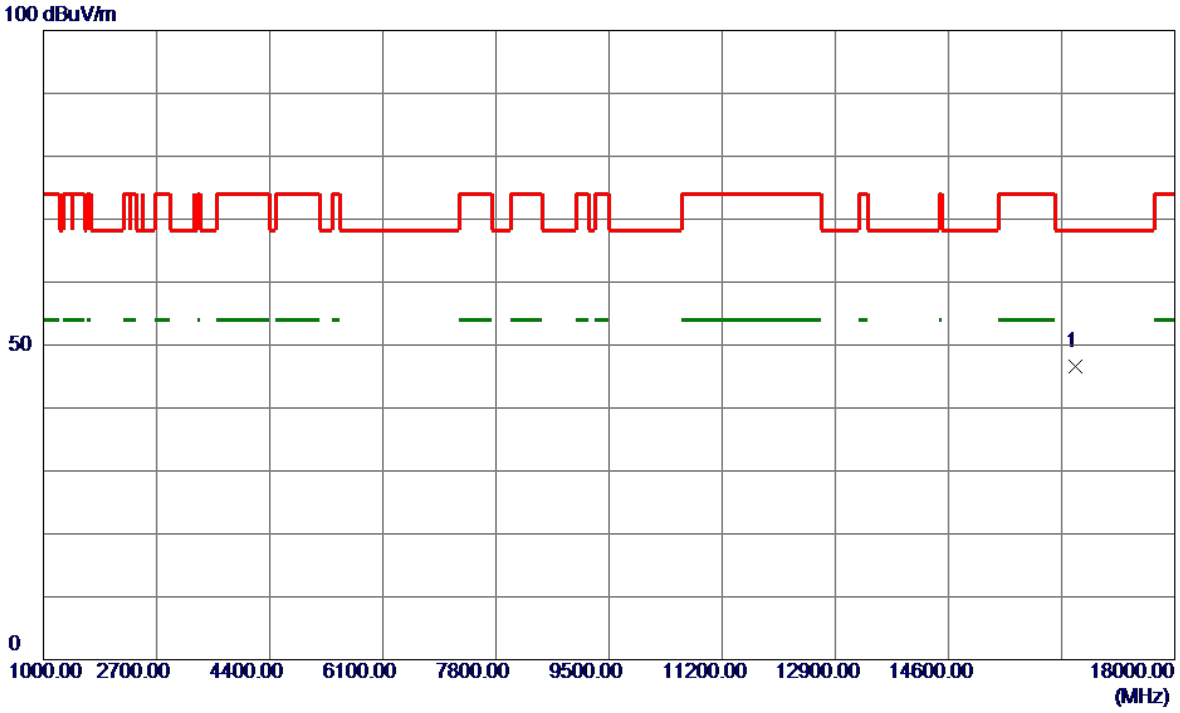
Test Mode	UNII-2C_TX AX(HE20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	36.77	12.52	49.29	74.00	-24.71	Peak	
2	5460.0000	29.59	12.52	42.11	54.00	-11.89	AVG	
3	5470.0000	39.71	12.55	52.26	68.20	-15.94	Peak	
4 *	5502.7000	100.14	12.66	112.80	68.20	44.60	Peak	No Limit
5	5502.7000	91.45	12.66	104.11	999.00	-894.89	AVG	No Limit

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

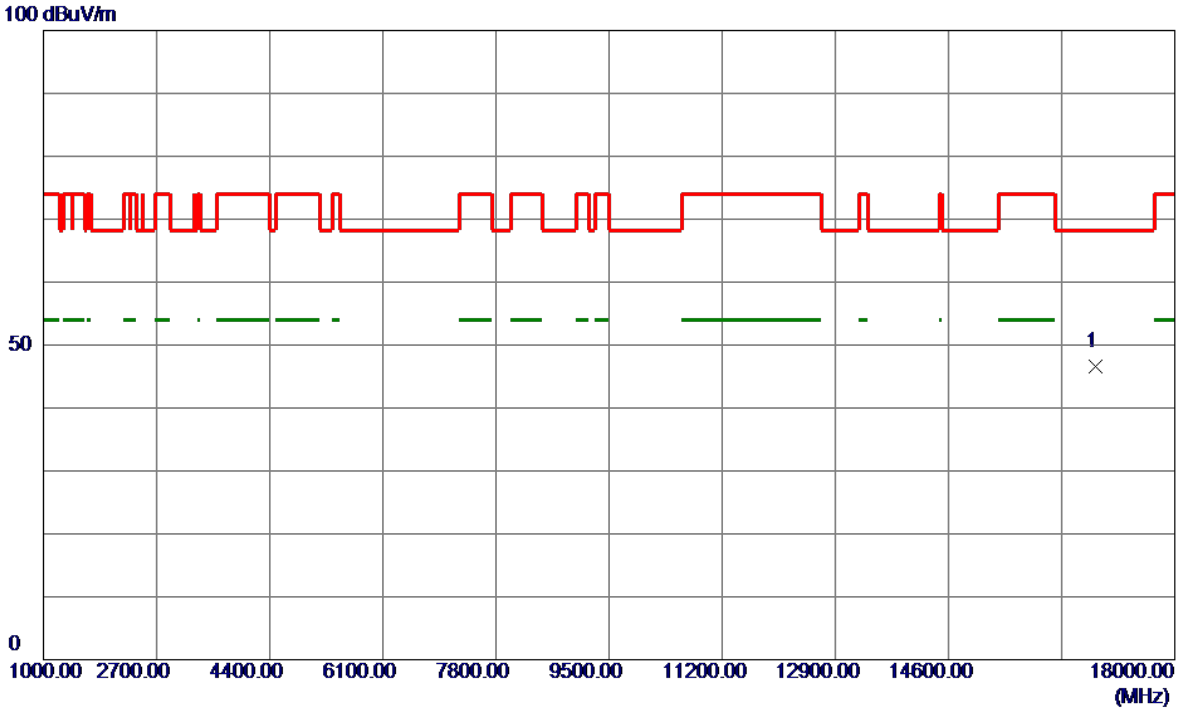
Test Mode	UNII-2C_TX AX(HE20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16513.5000	37.95	8.60	46.55	68.20	-21.65	Peak	

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

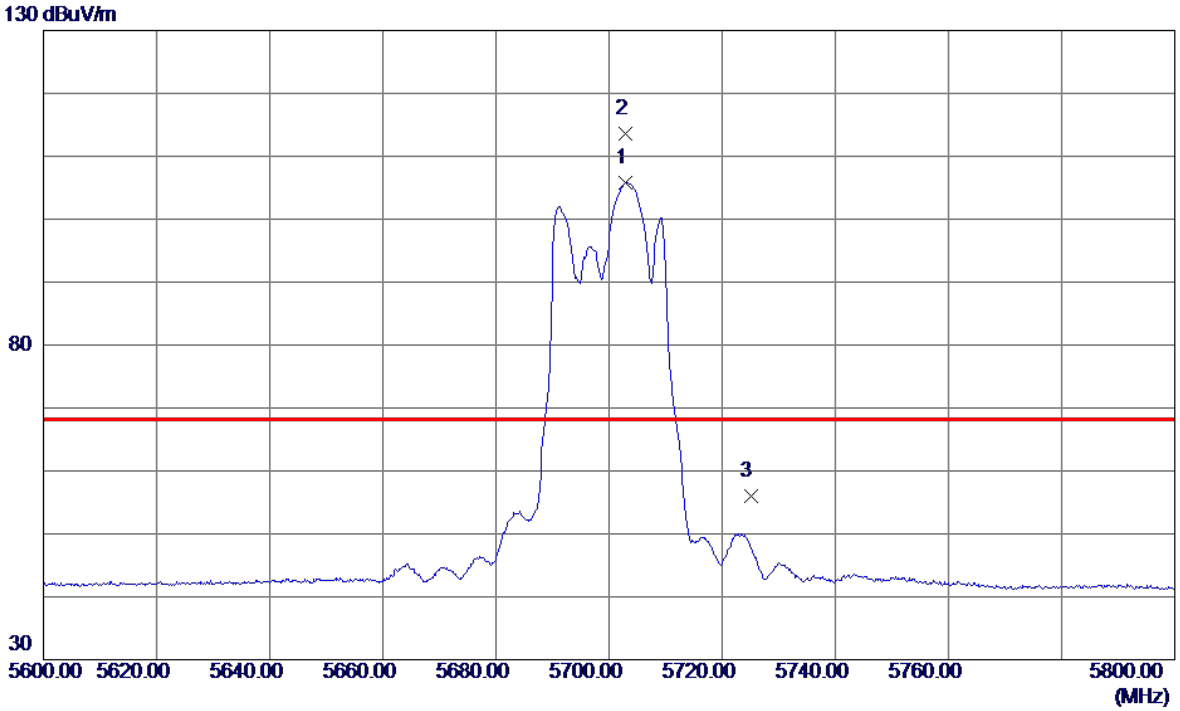
Test Mode	UNII-2C_TX AX(HE20) Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16815.1000	37.95	8.67	46.62	68.20	-21.58	Peak	

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

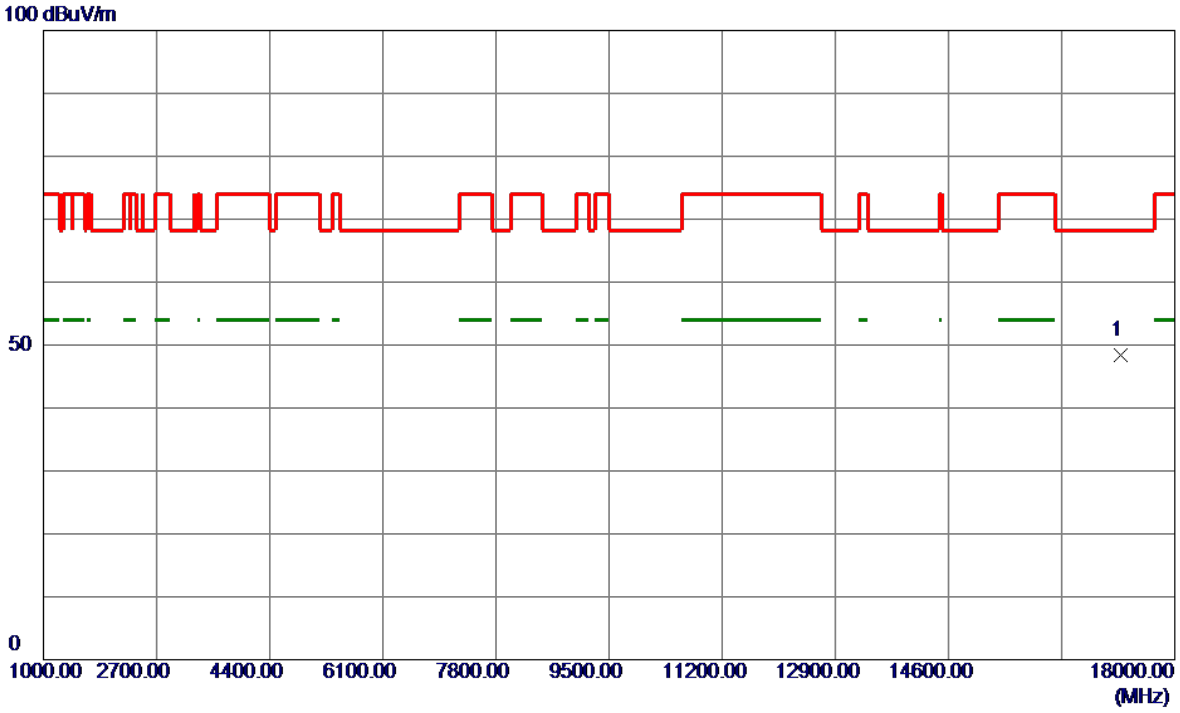
Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5702.8000	92.85	12.99	105.84	999.00	-893.16	AVG	No Limit
2 *	5702.9000	100.55	12.99	113.54	68.20	45.34	Peak	No Limit
3	5725.0000	43.01	13.03	56.04	68.20	-12.16	Peak	

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

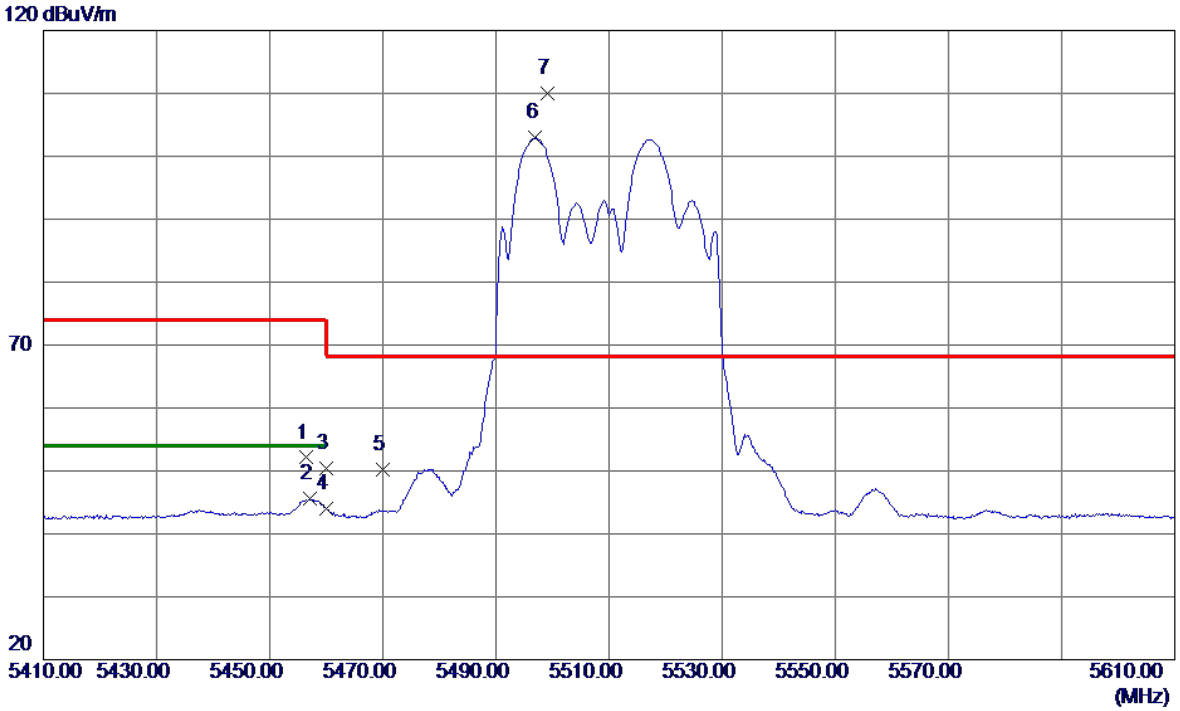
Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17178.5000	39.43	8.89	48.32	68.20	-19.88	Peak	

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

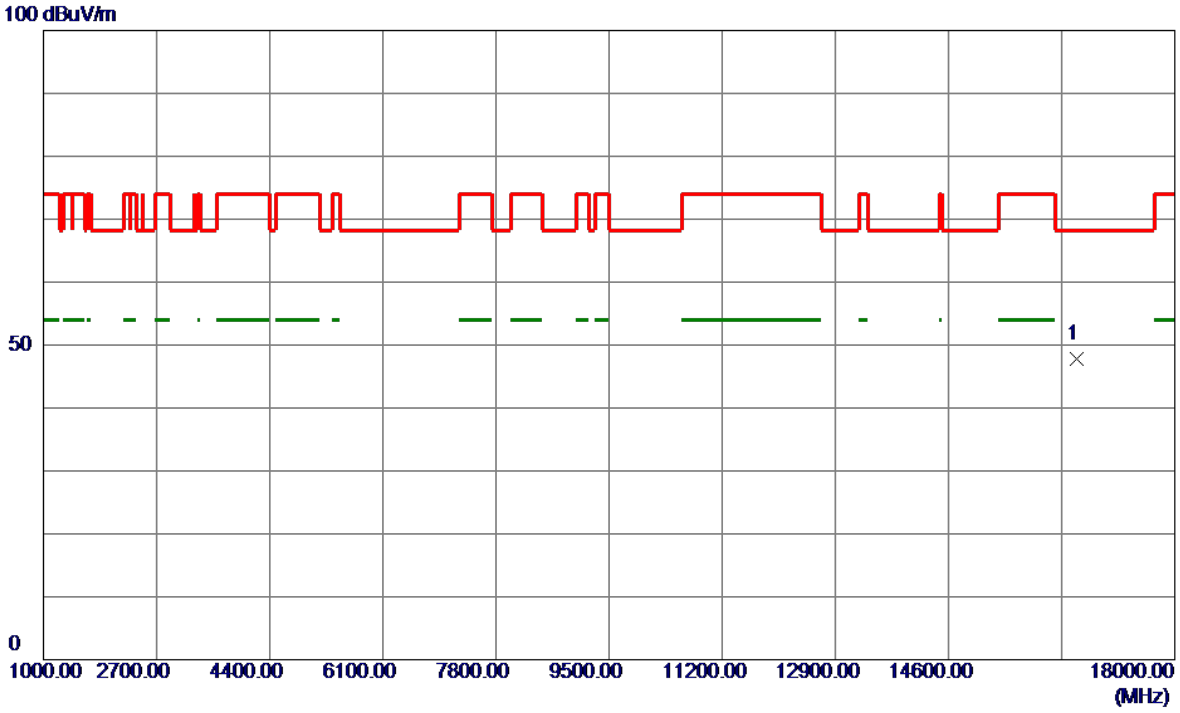
Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5456.5000	39.59	12.51	52.10	74.00	-21.90	Peak	
2	5457.1000	33.07	12.51	45.58	54.00	-8.42	AVG	
3	5460.0000	37.80	12.52	50.32	74.00	-23.68	Peak	
4	5460.0000	31.45	12.52	43.97	54.00	-10.03	AVG	
5	5470.0000	37.62	12.55	50.17	68.20	-18.03	Peak	
6	5497.0000	90.27	12.64	102.91	999.00	-896.09	AVG	No Limit
7 *	5499.2000	97.33	12.65	109.98	68.20	41.78	Peak	No Limit

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

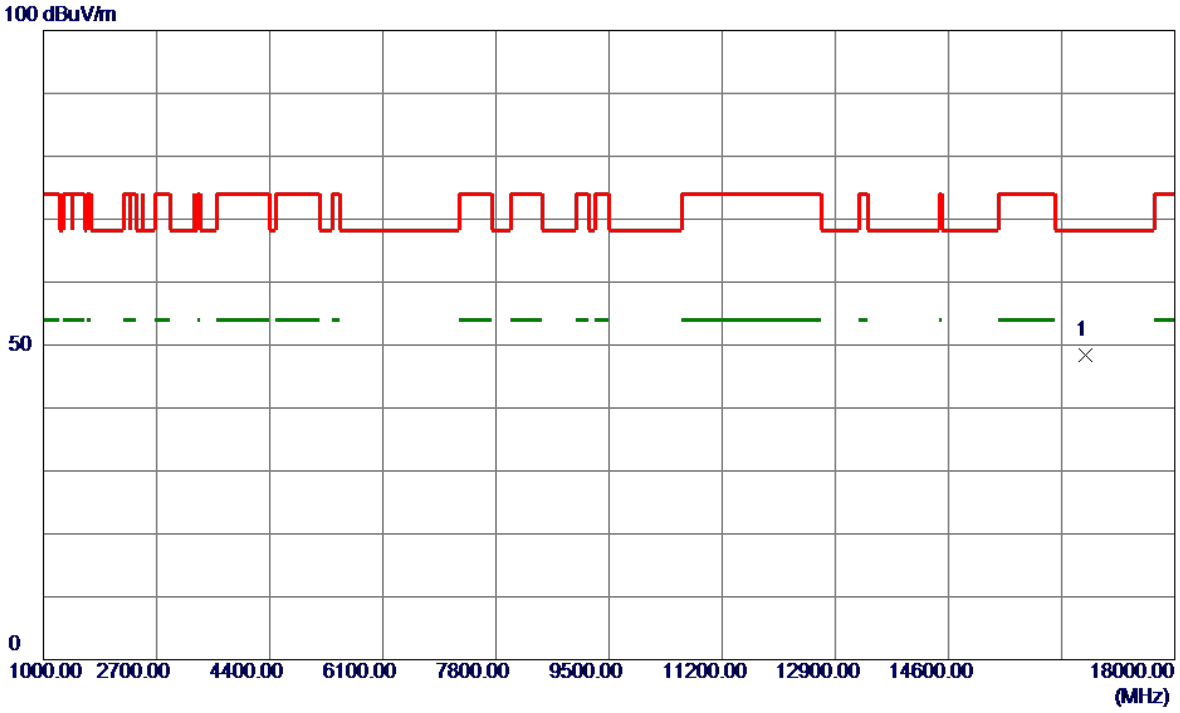
Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16522.3500	39.11	8.60	47.71	68.20	-20.49	Peak	

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

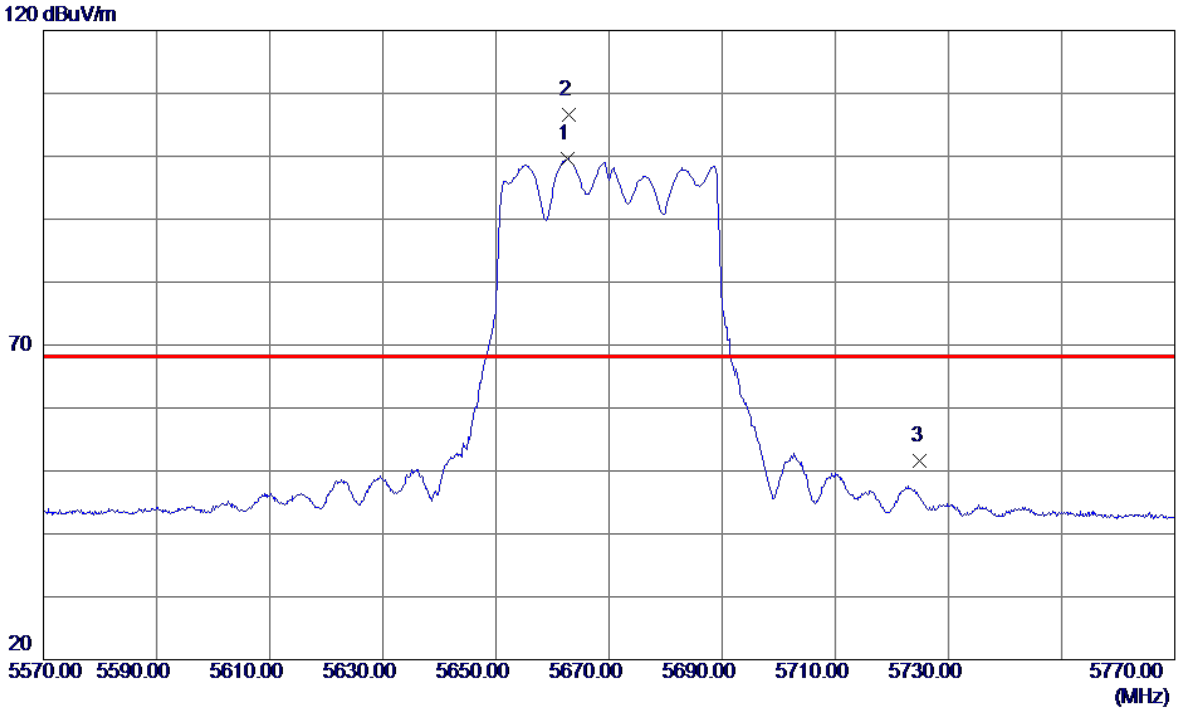
Test Mode	UNII-2C_TX AX(HE40) Mode 5550 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16651.1000	39.73	8.63	48.36	68.20	-19.84	Peak	

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

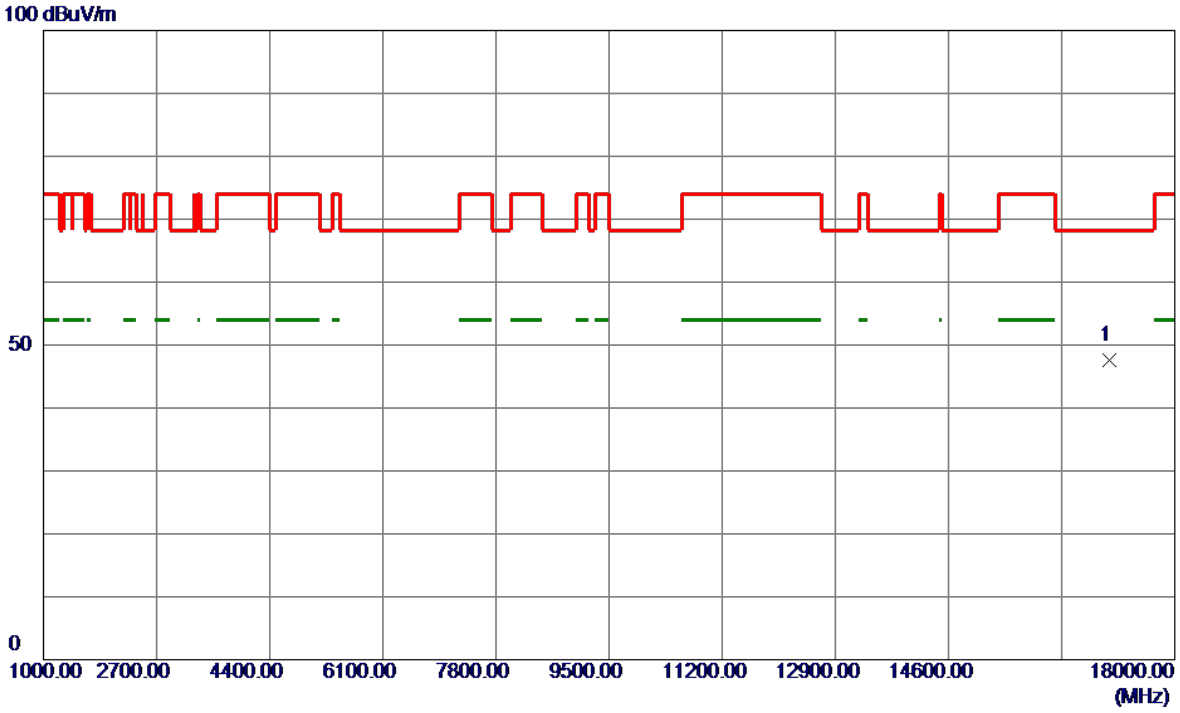
Test Mode	UNII-2C_TX AX(HE40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5662.6000	86.69	12.93	99.62	999.00	-899.38	AVG	No Limit
2 *	5662.9000	93.72	12.93	106.65	68.20	38.45	Peak	No Limit
3	5725.0000	38.54	13.03	51.57	68.20	-16.63	Peak	

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

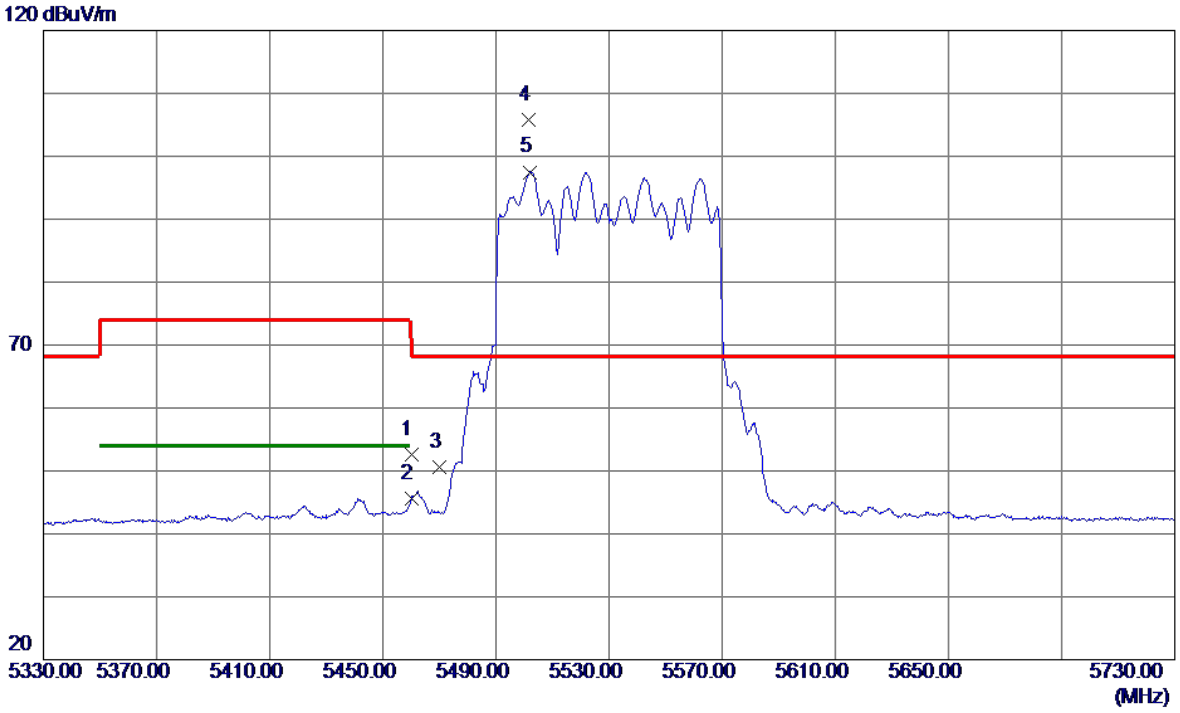
Test Mode	UNII-2C_TX AX(HE40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17020.9500	38.90	8.74	47.64	68.20	-20.56	Peak	

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

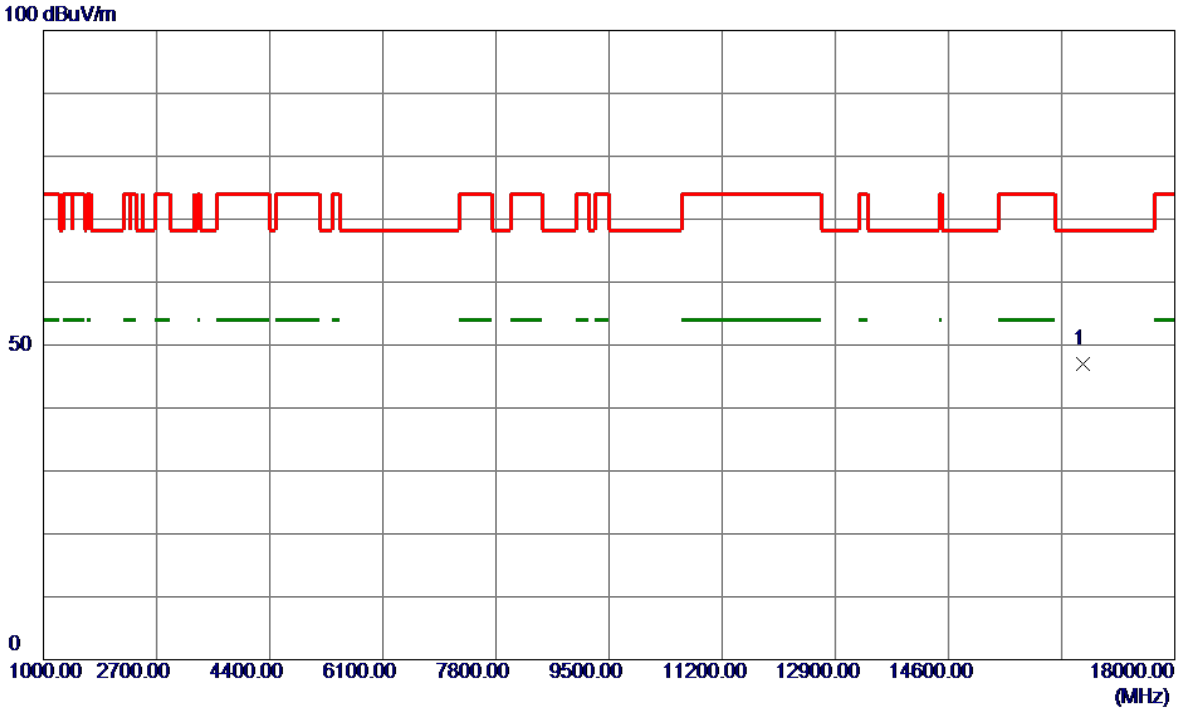
Test Mode	UNII-2C_TX AX(HE80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	40.05	12.52	52.57	74.00	-21.43	Peak	
2	5460.0000	33.02	12.52	45.54	54.00	-8.46	AVG	
3	5470.0000	37.99	12.55	50.54	68.20	-17.66	Peak	
4 *	5501.6000	93.15	12.66	105.81	68.20	37.61	Peak	No Limit
5	5502.2000	84.84	12.66	97.50	999.00	-901.50	AVG	No Limit

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

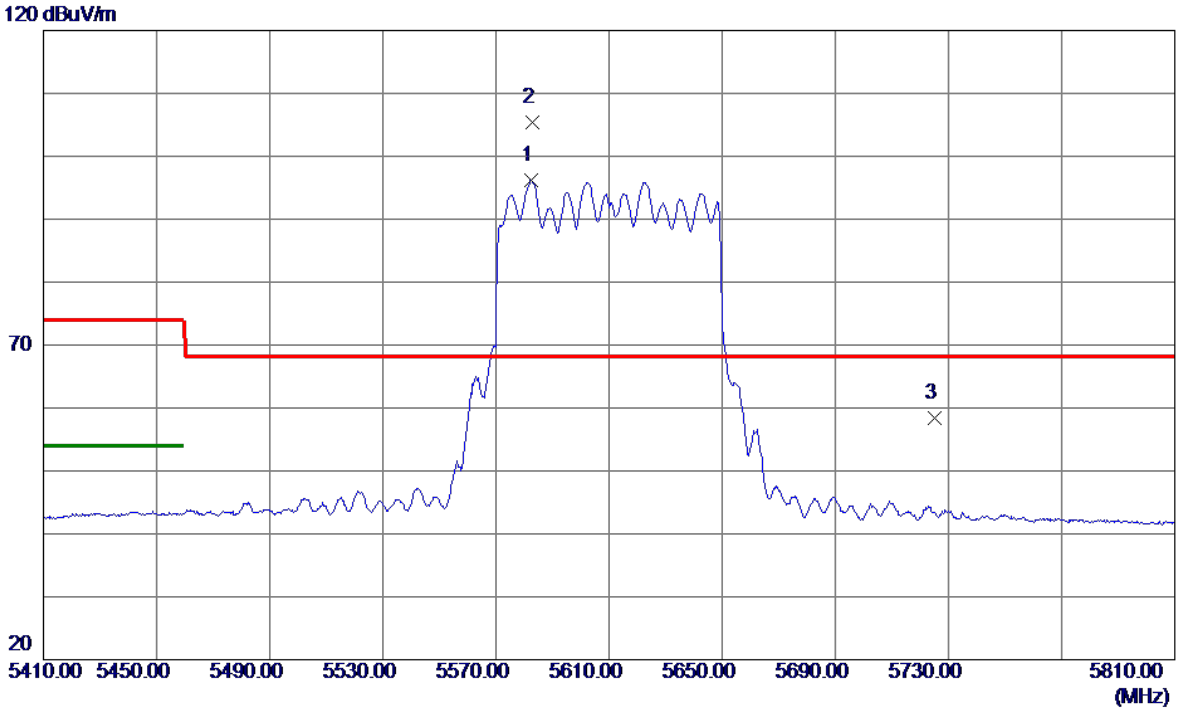
Test Mode	UNII-2C_TX AX(HE80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	16628.9000	38.30	8.63	46.93	68.20	-21.27	Peak	

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

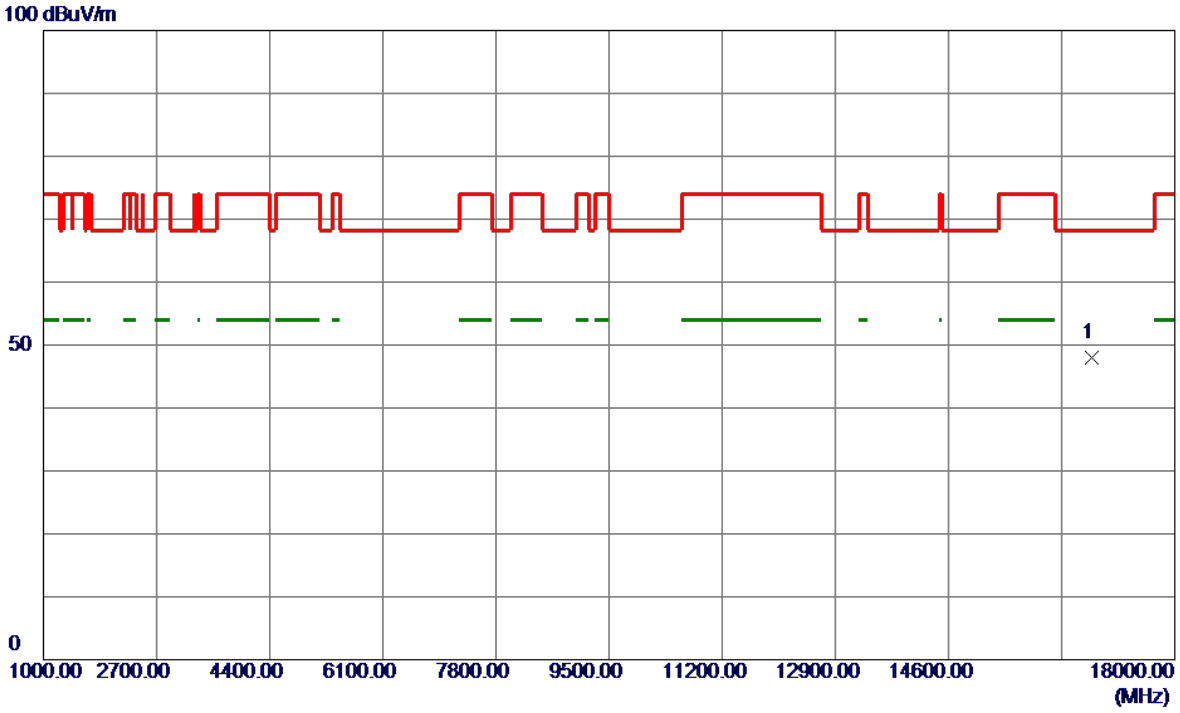
Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5582.6000	83.38	12.79	96.17	999.00	-902.83	AVG	No Limit
2 *	5583.0000	92.56	12.79	105.35	68.20	37.15	Peak	No Limit
3	5725.0000	45.36	13.03	58.39	68.20	-9.81	Peak	

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

Test Mode	UNII-2C_TX 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 *	16760.5000	39.26	8.66	47.92	68.20	-20.28	Peak	

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