Certificate #7130.01

FCC Radio Test Report

FCC ID: 2A5LO-ZLTW304VAPRO

This report concerns: Original Grant

Project No.	:	2410C139
Equipment	:	Wi-Fi6 Wireless Router
Brand Name	:	TOZED KANGWEI
Test Model	:	ZLT W304VA PRO
Series Model	:	N/A
Applicant	:	Tozed Kangwei Tech Co., Ltd
Address	:	Room 1301, NO. 37 Jinlong , Nansha Street, Xiangjiang Financial Business Center, Nansha District, Guangzhou, China
Manufacturer	:	Tozed Kangwei Tech Co., Ltd
Address	:	Room 1301, NO. 37 Jinlong , Nansha Street, Xiangjiang Financial Business Center, Nansha District, Guangzhou, China
Factory	:	Tozed Kangwei Tech Co., Ltd
Address	:	Room 1301, NO. 37 Jinlong , Nansha Street, Xiangjiang Financial Business Center, Nansha District, Guangzhou, China
Date of Receipt	:	Oct. 30, 2024
Date of Test	:	Nov. 01, 2024 ~ Nov. 30, 2024
Issued Date	:	Dec. 05, 2024
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG20241030382 for AC Power Line Conducted Emissions and Radiated Emissions -9kHz to 30 MHz and conducted, DG20241030379 for Radiated Emissions -30MHz to 1000MHz and Above 18000MHz, DG20241030380 for Radiated Emissions - 1000MHz to 18000MHz.
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 : chella Zheng
Chella Zheng

Approved by : Chay . Cai
Chay Cai

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Declaration

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

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL 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/IEC17025:2017requirements, 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-2-2410C139	R00	Original Report.	Dec. 05, 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	PASS	------
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	------
15.407(a) 15.407(e)	Bandwidth	APPENDIX E	PASS	------
15.407(a)	Maximum Output Power	APPENDIX F	PASS	------
15.407(a)	Power Spectral Density	APPENDIX G	PASS	------
15.407(g)	Frequency Stability	APPENDIX H	PASS	------
15.203	Antenna Requirements	------	PASS	**NOTE (2)**
15.407(c)	Automatically Discontinue Transmission	------	PASS	**NOTE (3)**

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:
For Radiated Emissions-1000MHz to 18000MHz test items:
Room 102 & Room 702, Building 3, No.9, Jinshagang 1st Road, Dalang Town, Dongguan City, Guangdong People's Republic of China.

For other test items:
1-2/F, 4/F, Building A, 1-2/F, Building B, 3/F, Building C, No.3, Jinshagang 1st Road, Dalang Town, 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	2.36

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

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-CB18 (3m)	CISPR	1GHz ~ 6GHz	4.48
		6GHz ~ 18GHz	3.88

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
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	52%	AC 120V/60Hz	Hayden Chen	Nov. 18, 2024
Radiated Emissions-9kHz to 30MHz	26°C	48%	AC 120V/60Hz	Hayden Chen	Nov. 11, 2024
Radiated Emissions-30MHz to 1000MHz	21°C	53%	AC 120V/60Hz	Calvin Wen	Nov. 20, 2024
Radiated Emissions-Above 1000 MHz	23°C	45%	AC 120V/60Hz	Jensen Zhou	Nov. 19, 2024
	22°C	50%	AC 120V/60Hz	Calvin Wen	Nov. 15, 2024
Bandwidth	24°C	48%	AC 120V/60Hz	Parker Yang	Nov. 16, 2024
Maximum Output Power	25°C	54-60%	AC 120V/60Hz	Alex Yin	Nov. 07, 2024~ Nov. 20, 2024
Power Spectral Density	24°C	48%	AC 120V/60Hz	Parker Yang	Nov. 16, 2024
Frequency Stability	Normal & Extreme	48%	Normal & Extreme	Parker Yang	Nov. 20, 2024

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wi-Fi6 Wireless Router
Brand Name	TOZED KANGWEI
Test Model	ZLT W304VA PRO
Series Model	N/A
Model Difference(s)	N/A
Software Version	1.0
Hardware Version	TZ7.823.835A
Power Source	DC Voltage supplied from AC adapter. Model: SA240V-240100U
Power Rating	I/P: 100-240V ~ 50/60Hz 0.8A Max O/P: 24V ⎓ 1A
Operation Frequency Band(s)	UNII-1: 5150 MHz ~ 5250 MHz UNII-2A: 5250 MHz ~ 5350 MHz UNII-2C: 5470 MHz ~ 5725 MHz UNII-3: 5725 MHz ~ 5850 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 1733.4 Mbps IEEE 802.11ax: up to 2402 Mbps
Maximum Output Power _UNII-1	IEEE 802.11ax(HE20): 25.64 dBm (0.3664 W)
Maximum Output Power _UNII-2A	IEEE 802.11ax(HE40): 20.74 dBm (0.1186 W)
Maximum Output Power _UNII-2C	IEEE 802.11ax(HE40): 20.62 dBm (0.1153 W)
Maximum Output Power _UNII-3	IEEE 802.11ax(HE80): 20.34 dBm (0.1081 W)

Note:

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

2. Channel List:

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

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

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

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

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

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	ZTX	01.52303335	Dipole	IPEX	6.62
2	ZTX	01.52303334	Dipole	IPEX	5.71
3	ZTX	01.52303333	Dipole	Internal	5.75

Note:

1) This EUT supports MIMO 2X2, any transmit signals are correlated with each other, so Directional gain=10log[$(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2$/N]dBi, that is Directional gain=10log[$(10^{6.62/20}+10^{5.75/20})^2$/2]dBi =9.21. So, the UNII-1, UNII-3 output power limit is 30-(9.21-6)=26.79,
the UNII-2A, UNII-2C output power limit is 24-(9.21-6)=20.79.
The UNII-1 power spectral density limit is 17-(9.21-6)=13.79,
the UNII-2A, UNII-2C power spectral density limit is 11-(9.21-6)=7.79,
the UNII-3 power spectral density limit is 30-(9.21-6)=26.79.
2) Three antennas can intelligently switch to any combination of two antennas, with the largest being 2TX/2RX.

4. Table for Antenna Configuration:

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

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 AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 5	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 7	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 8	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 9	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 11	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 12	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 13	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 14	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 15	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 16	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 17	TX A Mode Channel 149/157/165 (UNII-3)
Mode 18	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 19	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 20	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 21	TX AX(HE20) Mode Channel 48 (UNII-1)

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 21	TX AX(HE20) Mode Channel 48 (UNII-1)

Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 21	TX AX(HE20) Mode Channel 48 (UNII-1)

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 5	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 7	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 8	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 9	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 11	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 12	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 13	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 14	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 15	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 16	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 17	TX A Mode Channel 149/157/165 (UNII-3)
Mode 18	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 19	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 20	TX AX(HE80) Mode Channel 155 (UNII-3)

Conducted Test	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 5	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 7	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 8	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 9	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 11	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 12	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 13	TX AX(HE20) Mode Channel 100/116/140 (UNII-2C)
Mode 14	TX AX(HE40) Mode Channel 102/110/134 (UNII-2C)
Mode 15	TX AX(HE80) Mode Channel 106/122 (UNII-2C)
Mode 16	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 17	TX A Mode Channel 149/157/165 (UNII-3)
Mode 18	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 19	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 20	TX AX(HE80) Mode Channel 155 (UNII-3)

Note:
(1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX AX(HE20) Mode Channel 48 (UNII-1) 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) For radiated emission above 1GHz test, the Vertical antennas and Horizontal antennas are evaluated, the worst case is Vertical antennas and recorded.
(6) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
(7) HE20/HE40/HE80/HE160 covers HT20/HT40 and VHT20/VHT40/VHT80/VHT160, due to same modulation. The power 802.11n HT20/HT40 and VHT20/HT40/VHT80/VHT160 setting for are the same or lower than IEEE 802.11ax HE20, HE40, HE80 and HE160.

3.3 PARAMETERS OF TEST SOFTWARE

UNII-1			
Test Software Version	QATool_UIv2.73_DLLv6.79_ap_2021.08.10		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	17.5	19	19.5
IEEE 802.11ax(HE20)	17	20.5	22
Frequency (MHz)	5190	5230	
IEEE 802.11ax(HE40)	16	18	
Frequency (MHz)	5210		
IEEE 802.11ax(HE80)	13		

UNII-2A			
Test Software Version	QATool_UIv2.73_DLLv6.79_ap_2021.08.10		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	13	13	13
IEEE 802.11ax(HE20)	15	15	15
Frequency (MHz)	5270	5310	
IEEE 802.11ax(HE40)	16.5	16	
Frequency (MHz)	5290		
IEEE 802.11ax(HE80)	13		

UNII-1+UNII-2A	
Test Software Version	QATool_UIv2.73_DLLv6.79_ap_2021.08.10
Frequency (MHz)	5250
IEEE 802.11ax(HE160)	16

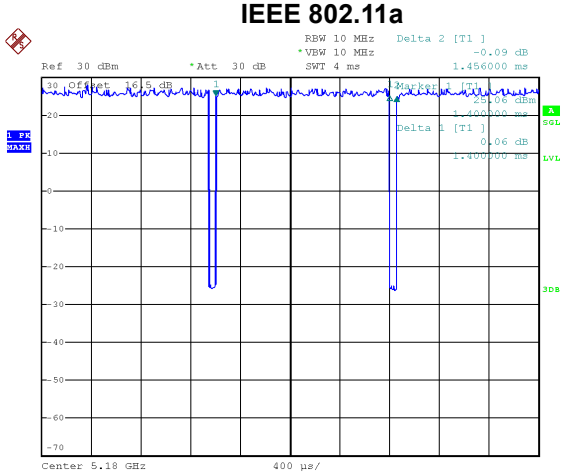
UNII-2C			
Test Software Version	QATool_UIv2.73_DLLv6.79_ap_2021.08.10		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	14	14	13
IEEE 802.11ax(HE20)	16	16	15.5
Frequency (MHz)	5510	5550	5670
IEEE 802.11ax(HE40)	17	17	15.5
Frequency (MHz)	5530	5610	
IEEE 802.11ax(HE80)	16	17	
Frequency (MHz)	5570		
IEEE 802.11ax(HE160)	18.5		

UNII-3			
Test Software Version	QATool_UIv2.73_DLLv6.79_ap_2021.08.10		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	13	12.5	13
IEEE 802.11ax(HE20)	15.5	15.5	16
Frequency (MHz)	5755	5795	
IEEE 802.11ax(HE40)	15	14	
Frequency (MHz)	5775		
IEEE 802.11ax(HE80)	17		

3.4 DUTY CYCLE

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

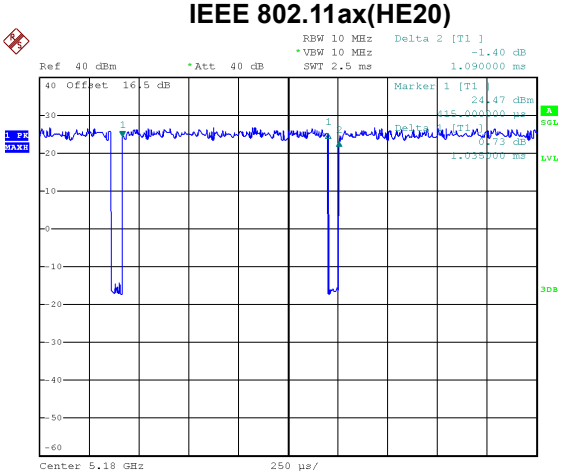
IEEE 802.11a



Date: 16.NOV.2024 09:56:58

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

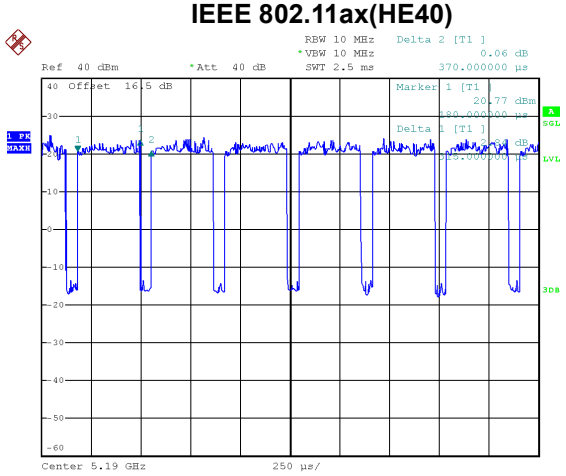
IEEE 802.11ax(HE20)



Date: 16.NOV.2024 10:06:49

Duty cycle = 1.035 ms / 1.090 ms = 94.95%
Duty Factor = 10 log(1 / Duty cycle) = 0.22

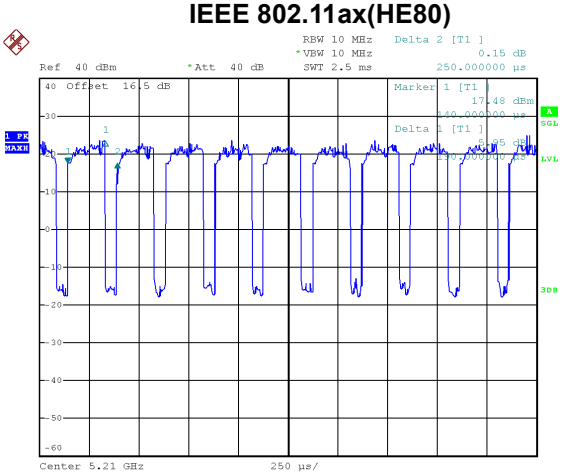
IEEE 802.11ax(HE40)



Date: 16.NOV.2024 10:07:32

Duty cycle = 0.315 ms / 0.370 ms = 85.14%
Duty Factor = 10 log(1 / Duty cycle) = 0.70

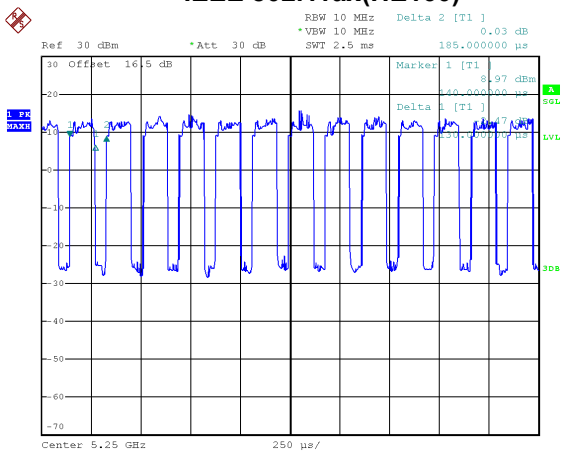
IEEE 802.11ax(HE80)



Date: 16.NOV.2024 10:08:32

Duty cycle = 0.190 ms / 0.250 ms = 76.00%
Duty Factor = 10 log(1 / Duty cycle) = 1.19

IEEE 802.11ax(HE160)



Date: 16.NOV.2024 10:10:18

Duty cycle = 0.130 ms / 0.185 ms = 70.27%
Duty Factor = 10 log(1 / Duty cycle) = 1.53

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 714 Hz (Duty cycle < 98%).

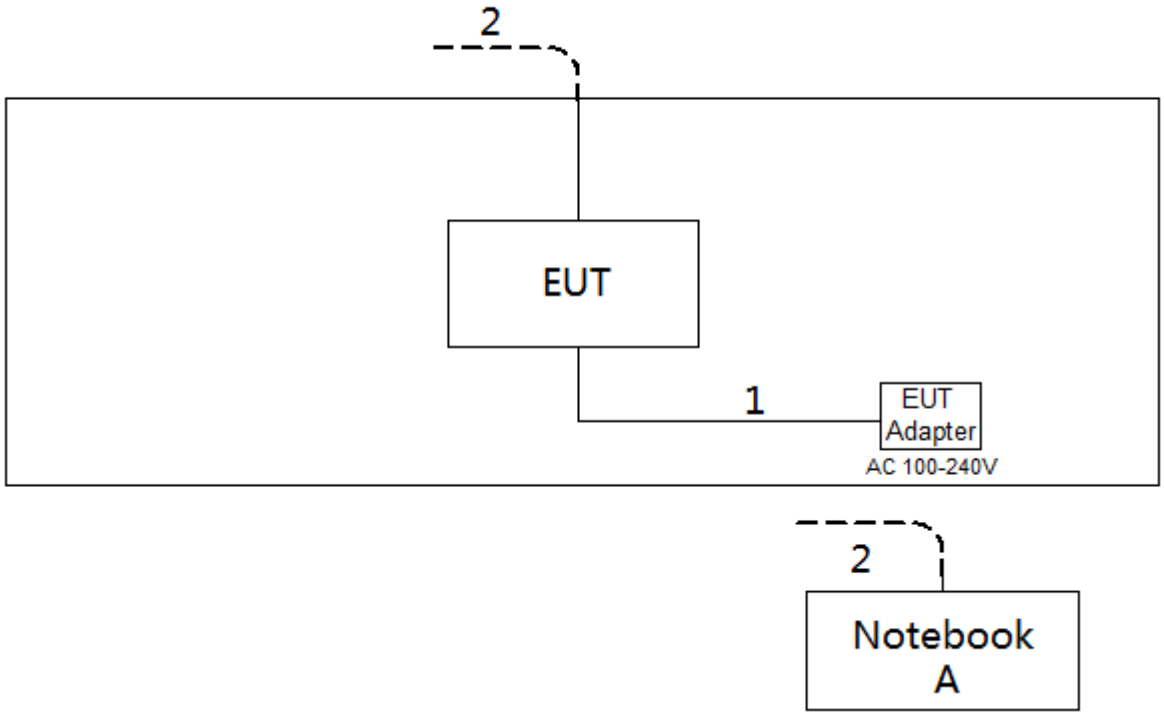
For IEEE 802.11ax(HE20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 966 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3175 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE80):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 5263 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE160):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 7692 Hz (Duty cycle < 98%).

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Honor	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 is provided by the manufacturer.
2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. Part of the cable losses (1.5dB) 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.

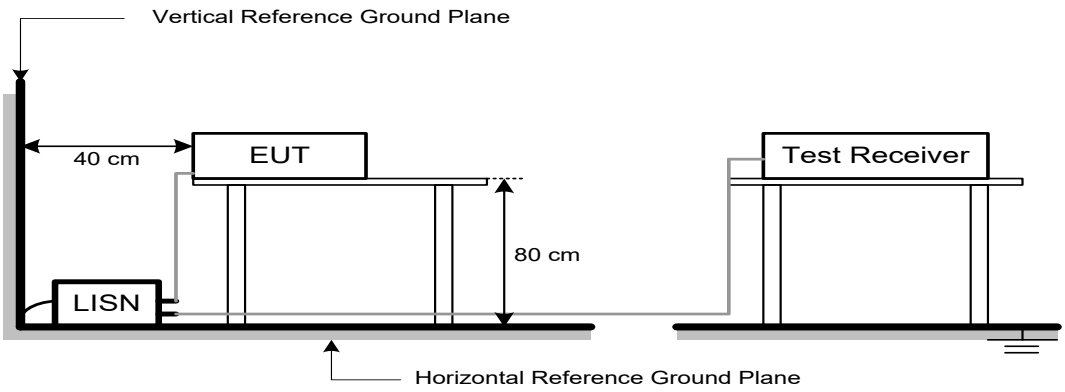
The following table is the setting of the receiver:

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 ormore above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or belowthe band edge, and from 25 MHz above or below the band edge increasing linearly to a level of15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below theband edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(3)

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

20log ($d_{limit}/d_{measure}$)=20log (3/1)=9.5 dB.
FS_{limit}: Harmonic at 3m Peak and Average limit.
FS_{max}:Harmonic at 1m Peak and Average Maximum value.
d_{limit}:Harmonic at 3m test distance.
$d_{measure}$:HarmonicActual test distance.

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

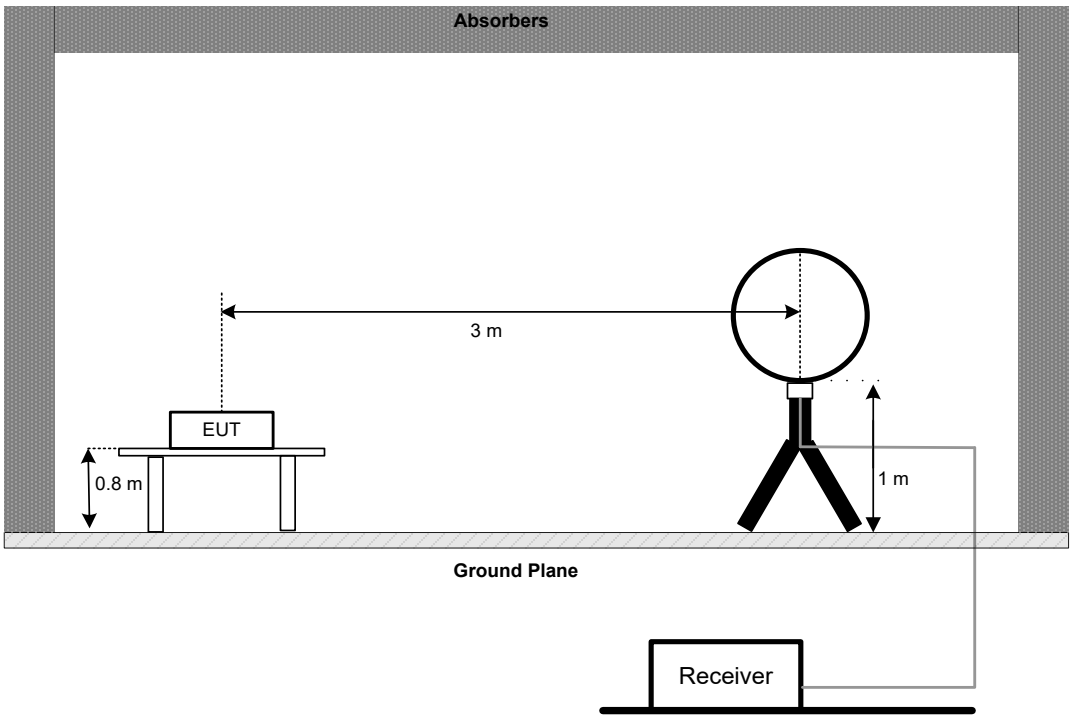
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

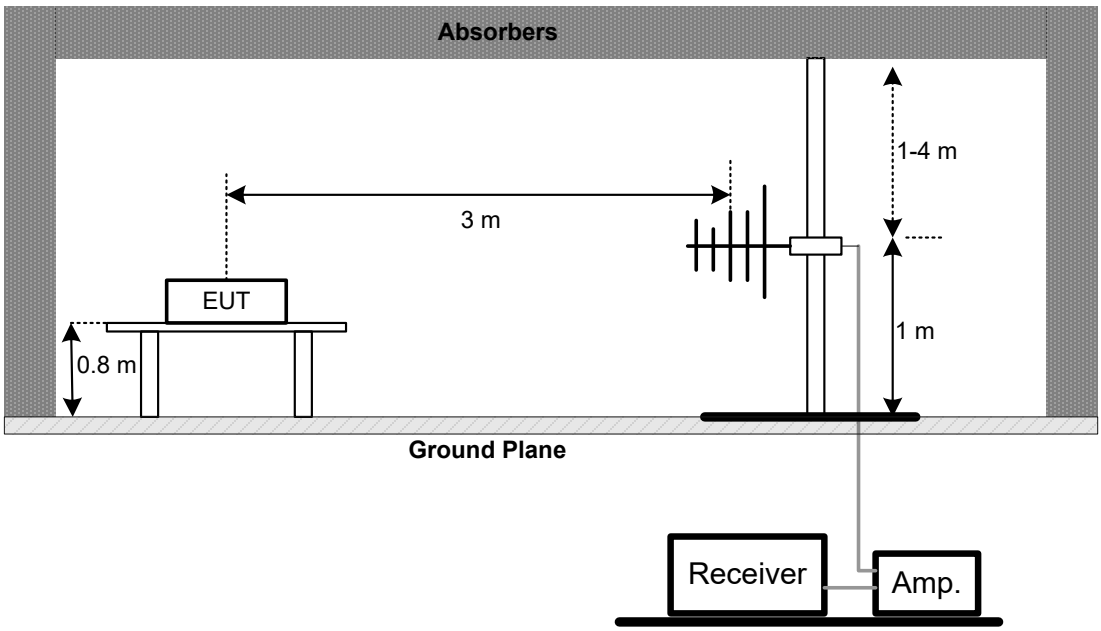
No deviation.

5.4 TEST SETUP

9 kHz to 30 MHz

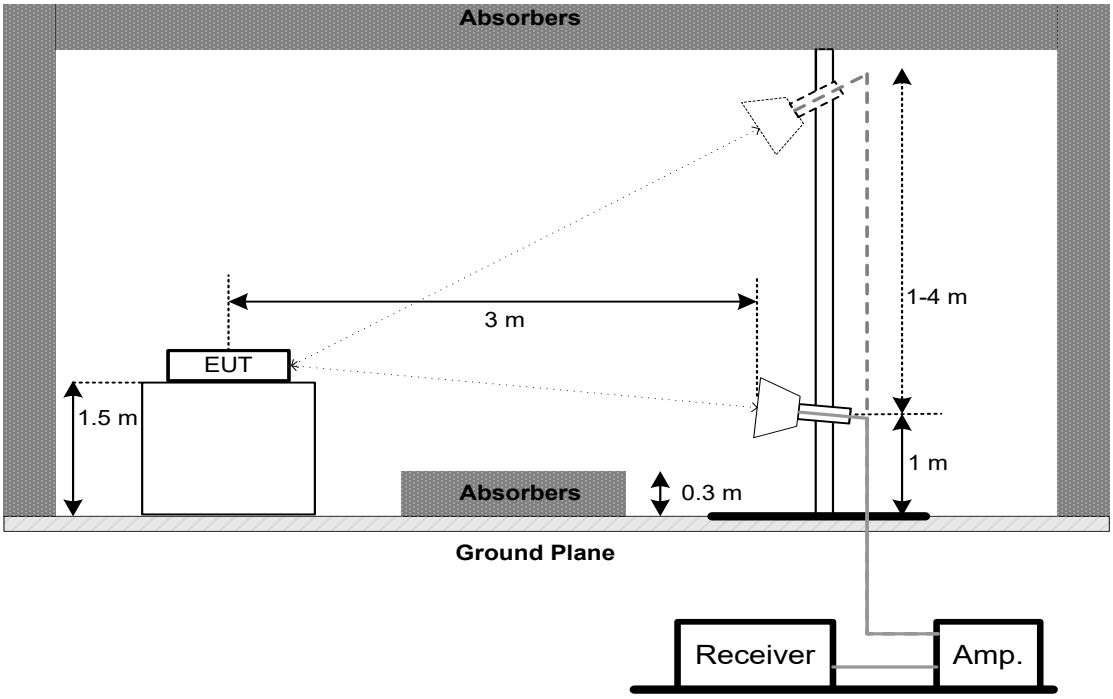


30 MHz to 1 GHz

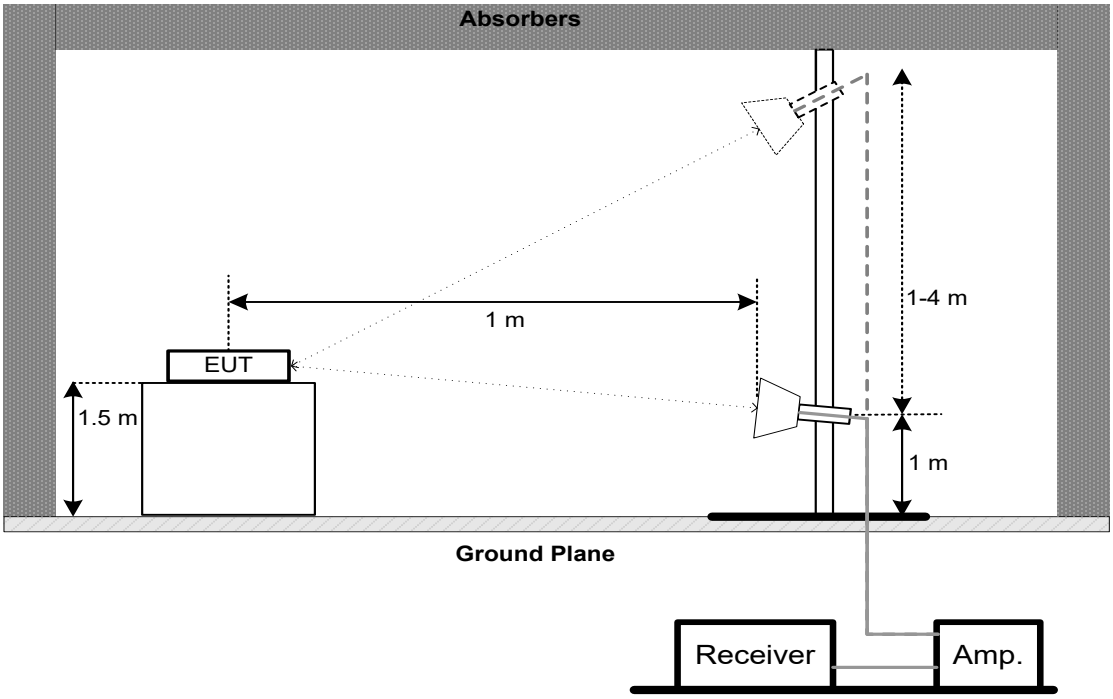


Above 1 GHz

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:

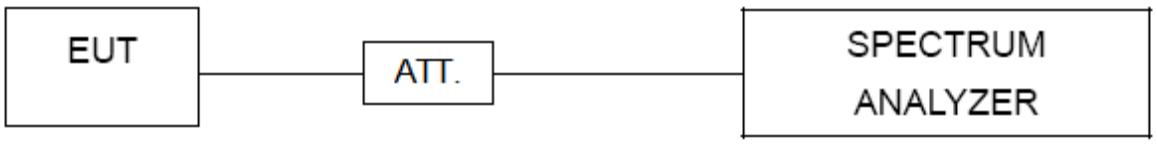
Spectrum Parameter	Setting
Span Frequency	1.5 times to 5 times the OBW
RBW	1% to 5% of the OBW
VBW	≥3*RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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.

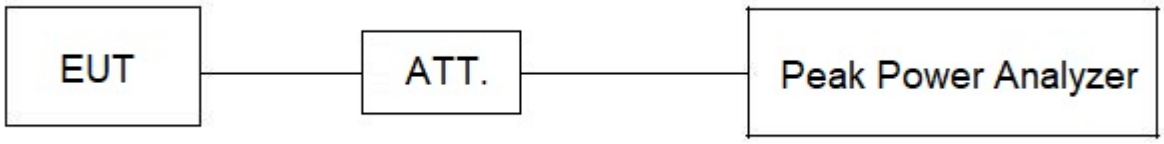
7.2 TEST PROCEDURE

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

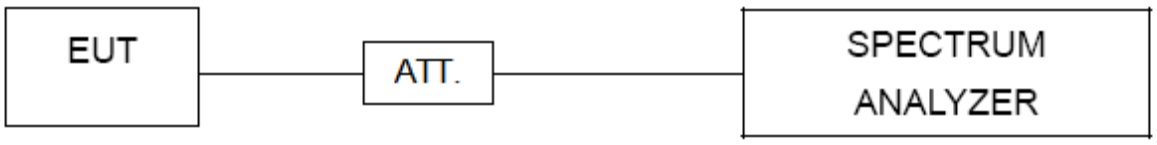
Note:

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 16.5 dB, and the final offset is 16.5 + 7 = 23.5 dB when RBW=100kHz is used.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX G.

9. FREQUENCY STABILITY

9.1 LIMIT

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

9.2 TEST PROCEDURE

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

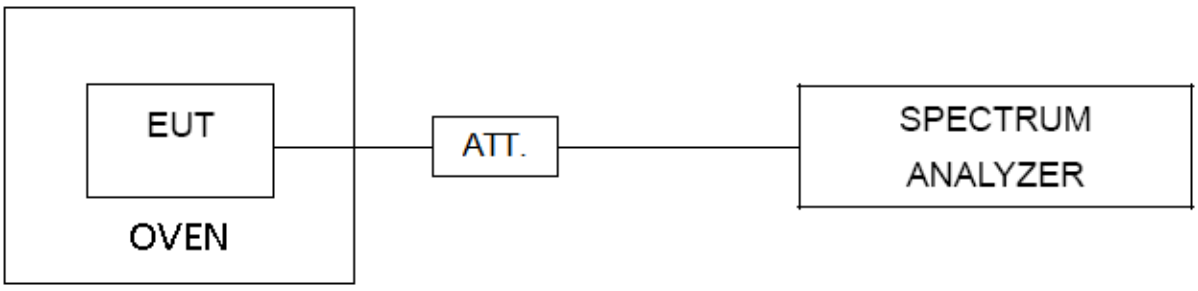
Spectrum Parameter	Setting
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULTS

Please refer to the APPENDIX H.

10. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI TEST RECEIVER	R&S	ESCI	100382	Dec. 22, 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 kHzto 30MHz					
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-NMBM-1.5M	N/A	Jun. 09, 2025
4	Cable	N/A	LMR400-NMNM-8M	N/A	Sep. 09, 2025
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	966 Chamber room	ETS	9*6*6	N/A	May 16, 2025

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	01462	Dec. 13, 2024
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 13, 2024
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	May 31, 2025
4	Cable	RegalWay	LMR400-NMNM-12.5m	N/A	Jun. 06, 2025
5	Cable	RegalWay	LMR400-NMNM-3m	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 - 1GHz to 18GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Oct. 29, 2025
4	Cable	RegalWay	RWLP50-4.0A-SMSM -1.3M	N/A	Jan. 09, 2025
5	Cable	RegalWay	RWLP50-2.6A-3.5M2. 92MRA-3M	N/A	Jan. 09, 2025
6	Cable	RegalWay	RWLP50-4.0A-SMSM -9M	N/A	Jan. 09, 2025
7	966 Chamber room	ETS	RFD-100（SVSWR）	Q2179	Jan. 09, 2025
8	Double Ridged Horn Antenna	EMC INSTRUMENT	DRH18-E	210509A18ES	Aug. 28, 2025
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 31, 2025
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	STI	STI15-9969	N/A	Oct. 29, 2025

Radiated Emissions - Above 18GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330 -K	619413	Jul. 17, 2025
2	Cable	RegalWay	RWLP50-2.6A-2.92 M2.92M-1.1M	N/A	Jul. 25, 2025
3	Cable	Tonscend	HF160-KMKM-3M	N/A	Jul. 25, 2025
4	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170(3m)	9170-319	Jun.16, 2025
5	966 Chamber room	CM	9*6*6	N/A	May 19, 2025
6	Positioning Controller	MF	MF-7802	N/A	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	Aug. 20, 2025

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	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A

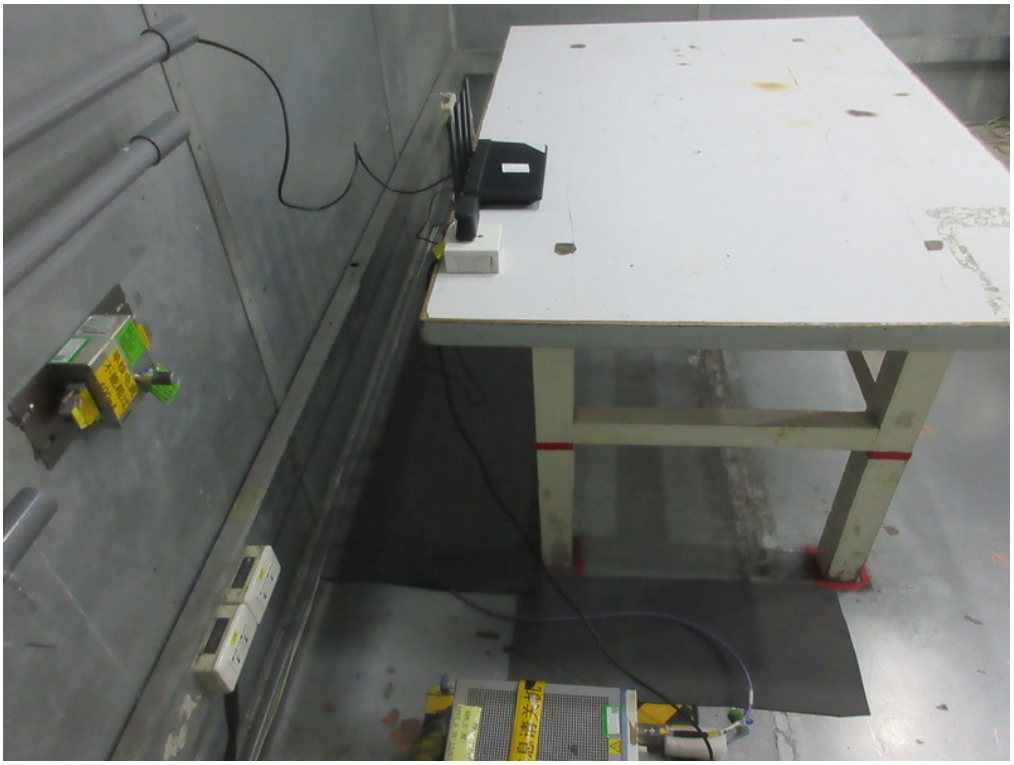
Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	May 31, 2025
2	Wideband power sensor	Keysight	N1923A	MY58310004	May 31, 2025
3	Isolation attenuator	Z-Link	ASMA-10-18-2W	N/A	N/A

Frequency Stability					
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	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A
4	Table top type high and low temperature test chamber	CEPREI	CEEC-M64T-40	15-008	Dec. 22, 2024
5	Cable	RegalWay	20240619 006	RWP50-402-SMSM-1M	N/A
6	Cable	RegalWay	20240619 005	RWP50-402-SMSM-1M	N/A
7	AC power source	Preen	AFC-S-1250	F123080107	May 06, 2025

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

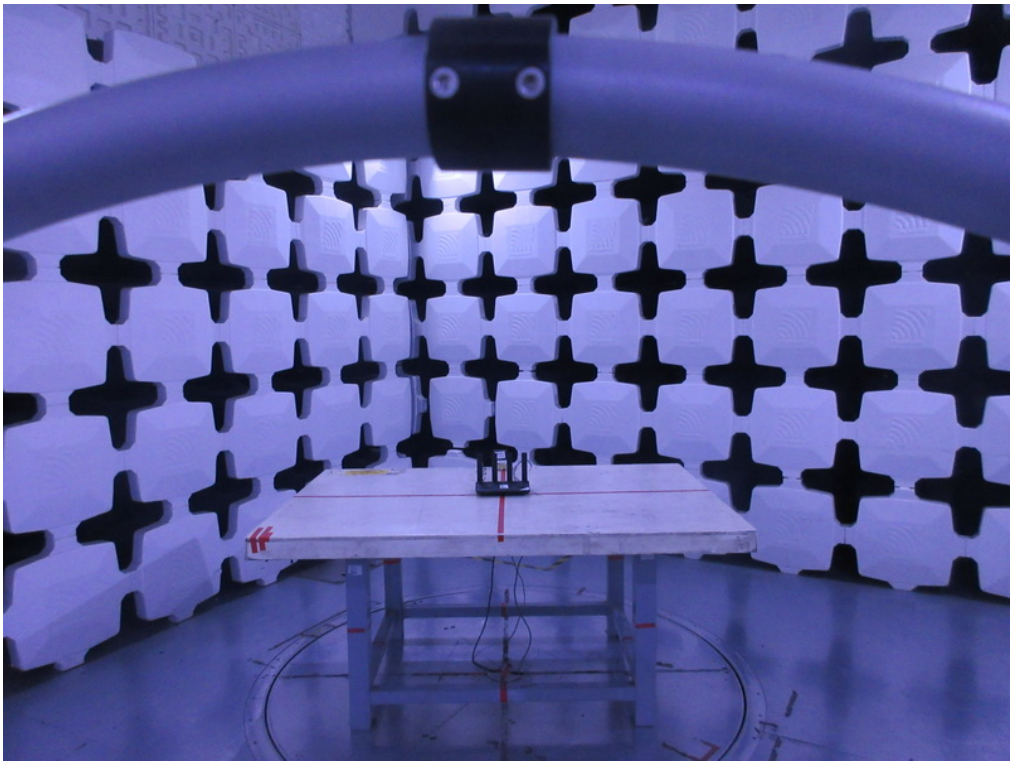
11. EUT TEST PHOTOS

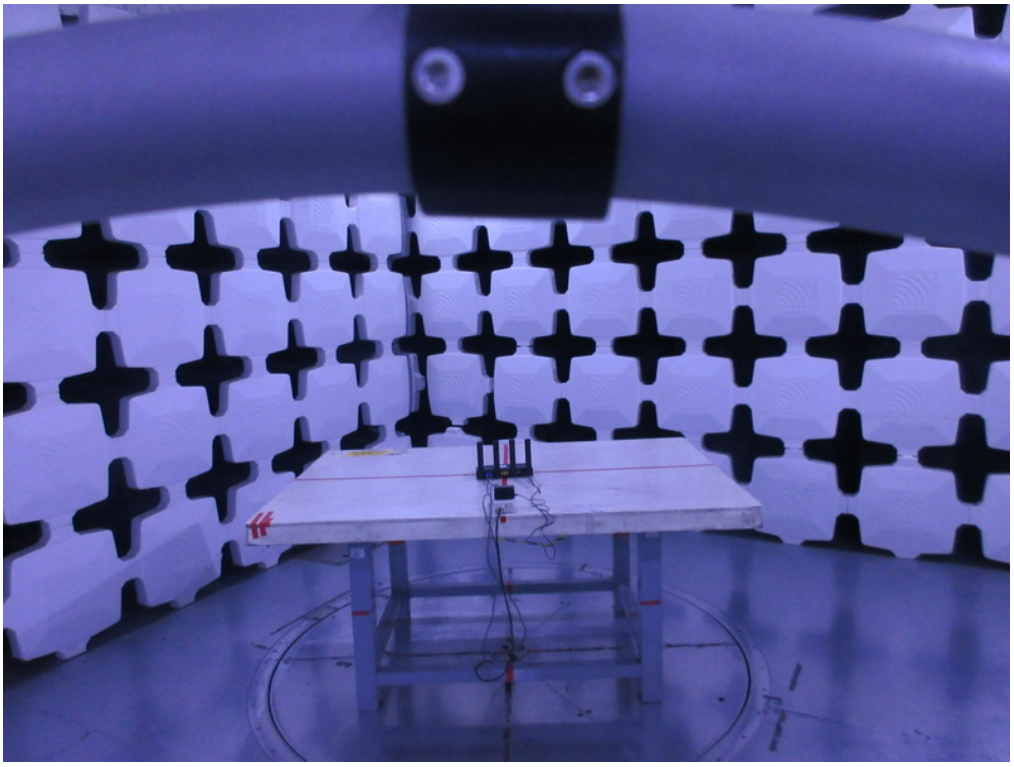
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

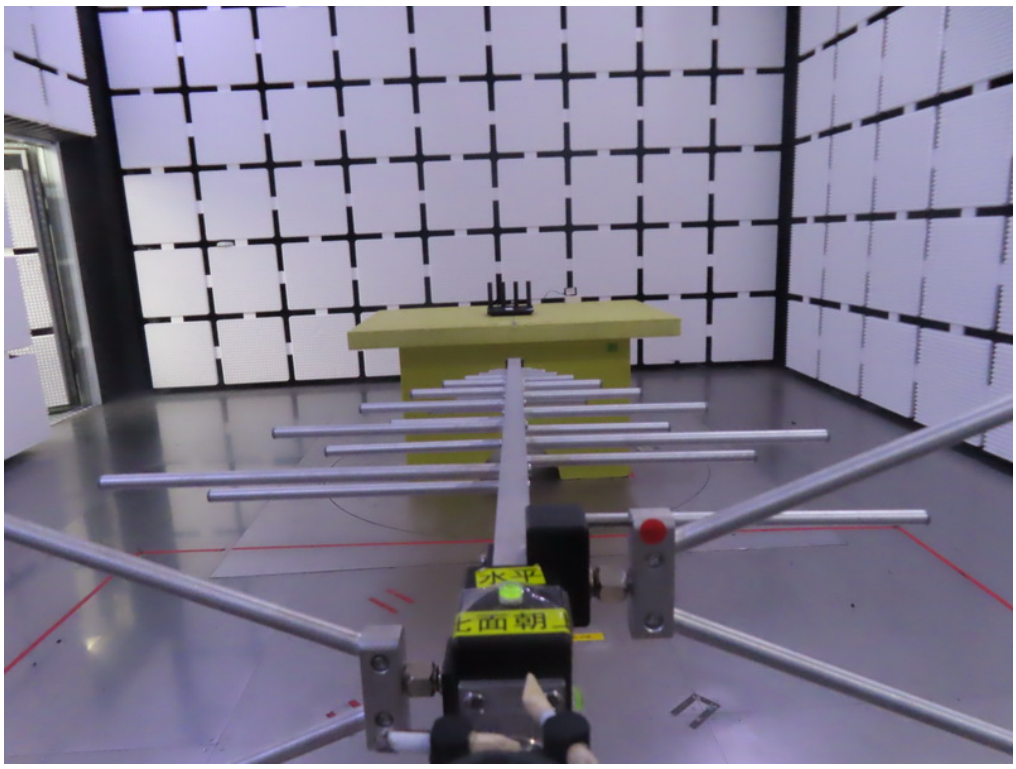
9 kHz to 30 MHz

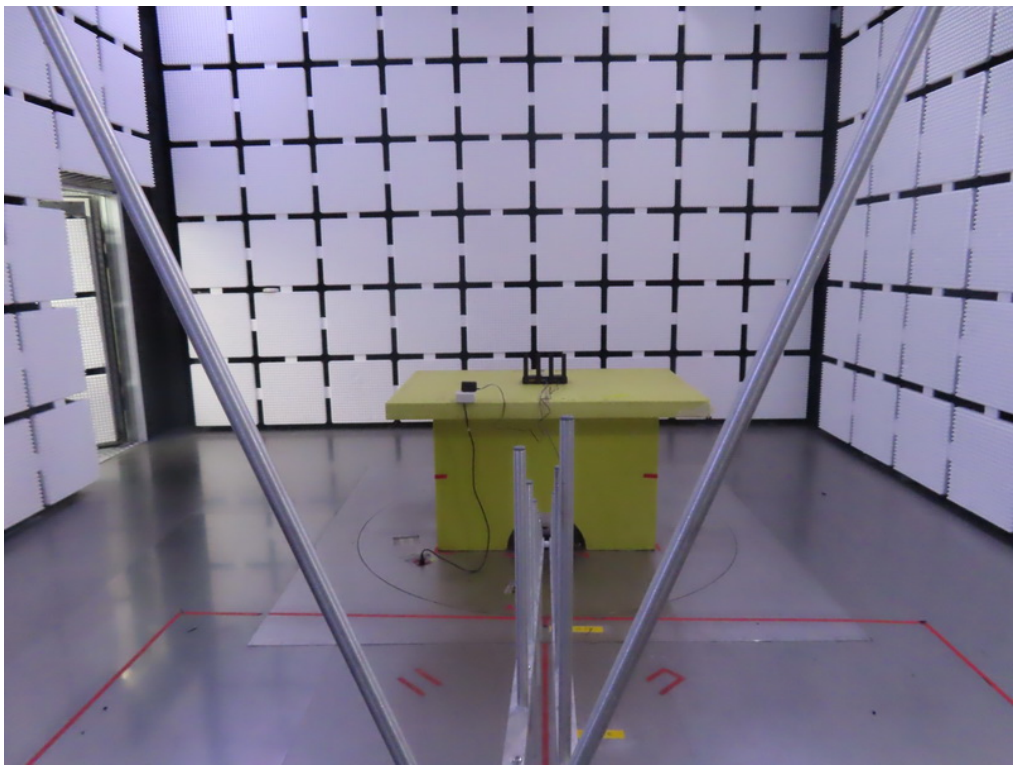




Radiated Emissions Test Photos

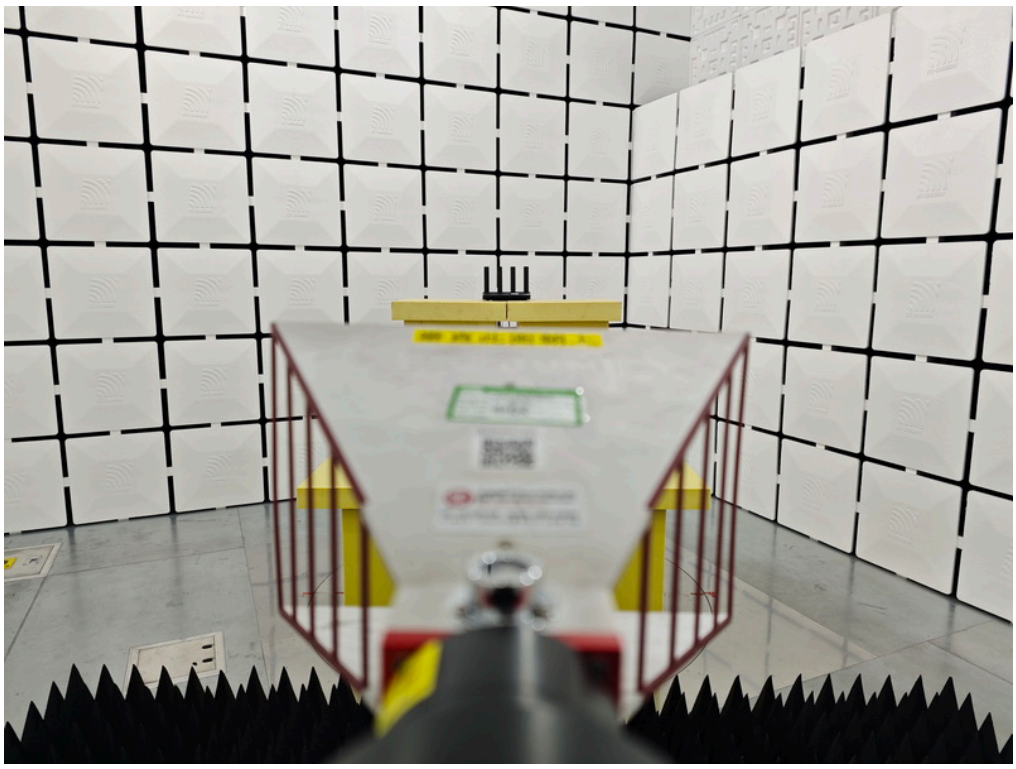
30 MHz to 1 GHz

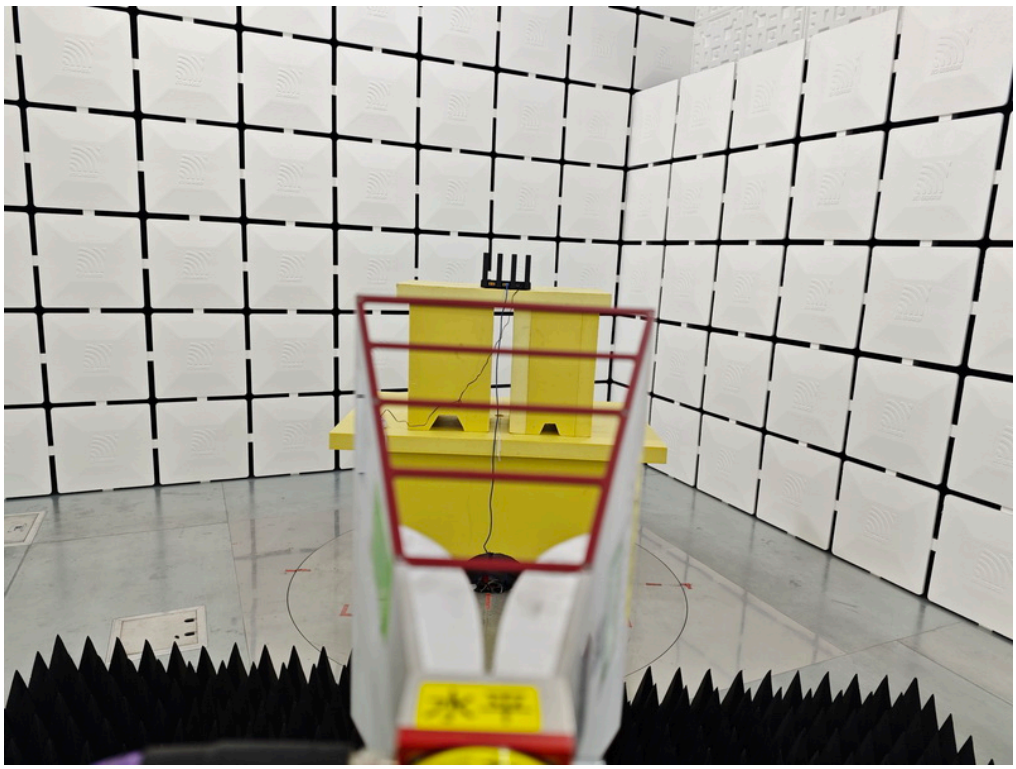




Radiated Emissions Test Photos

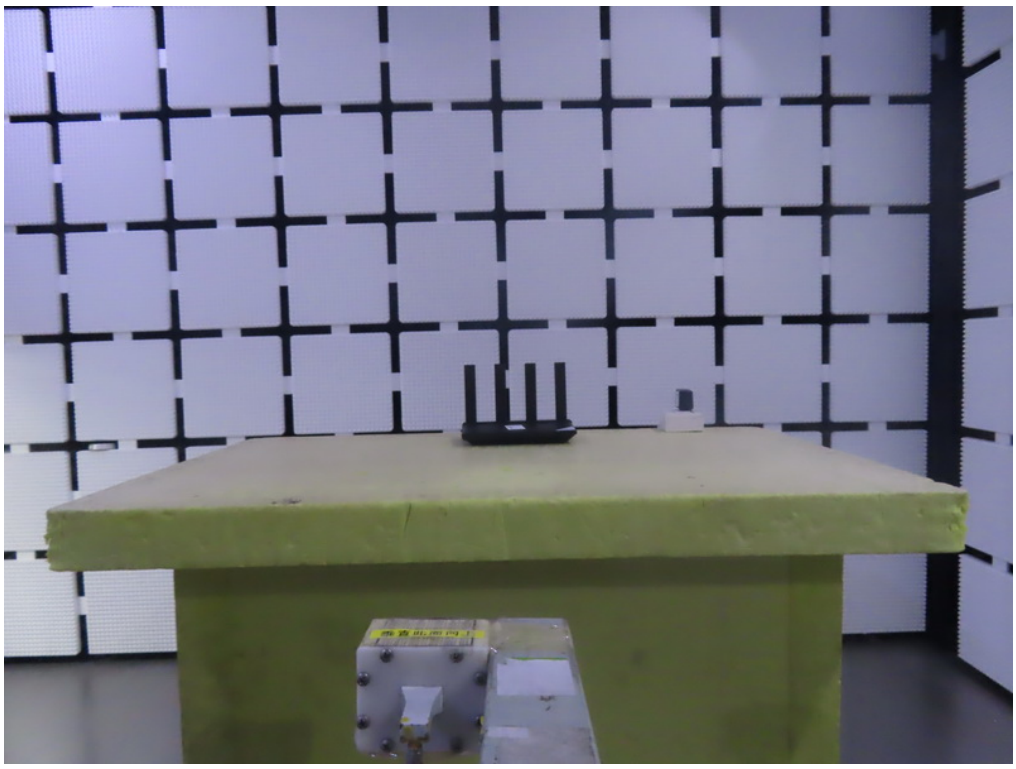
Above 1 GHz_Band edge &Harmonic(1 GHz to 18 GHz)

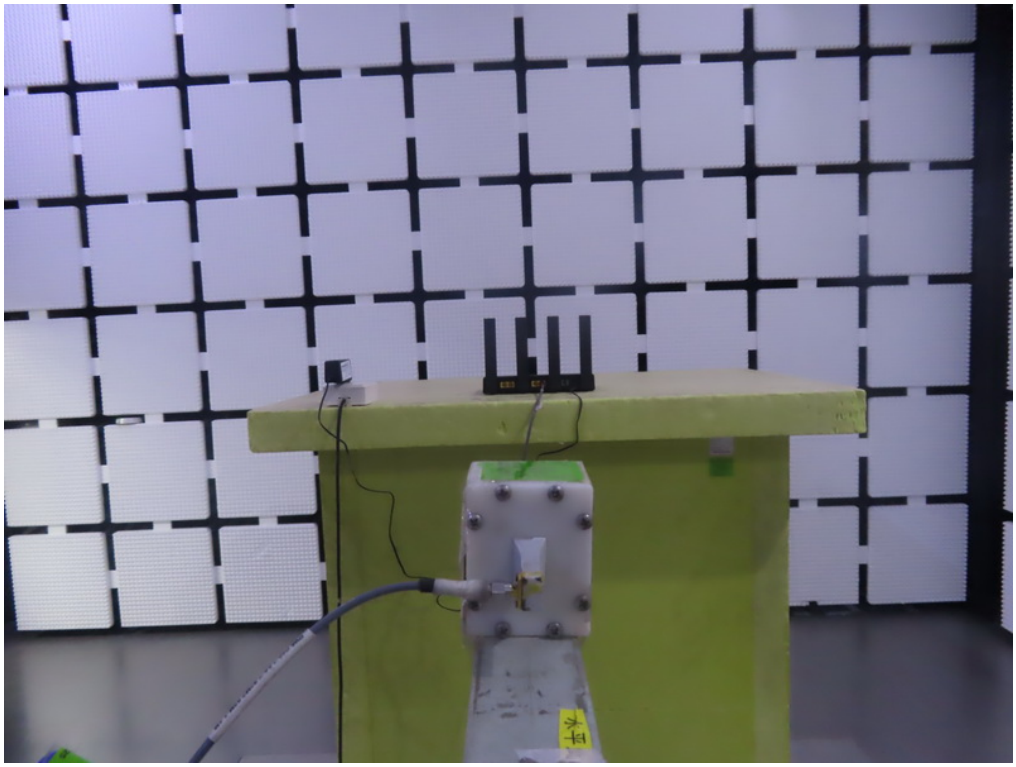




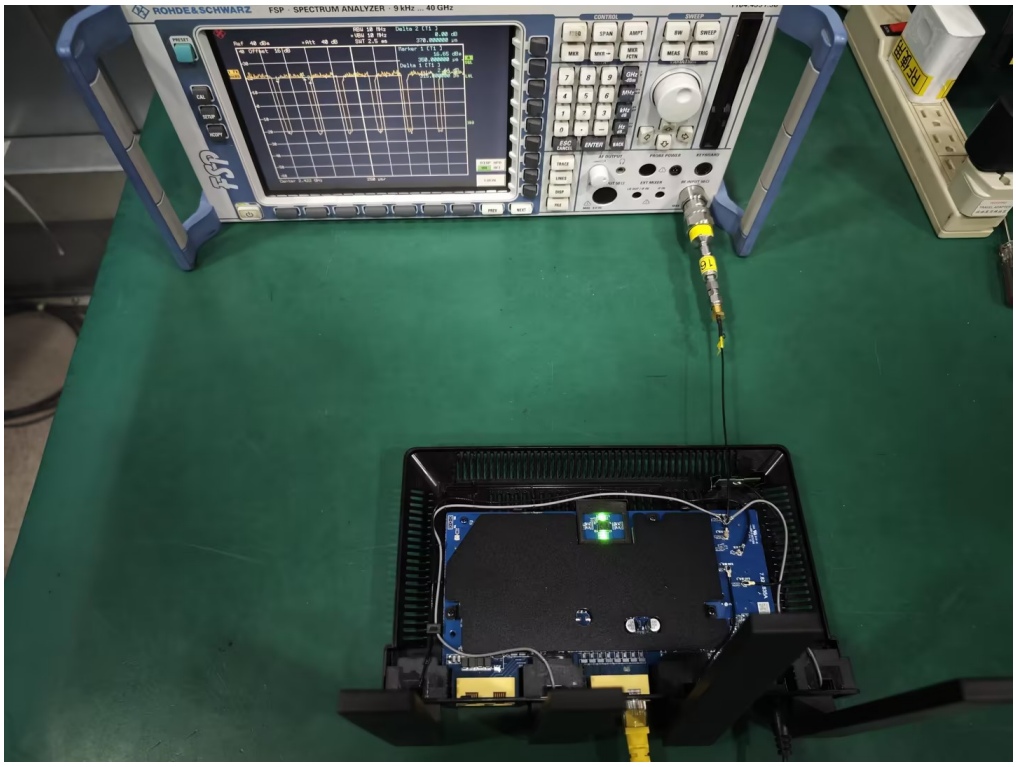
Radiated Emissions Test Photos

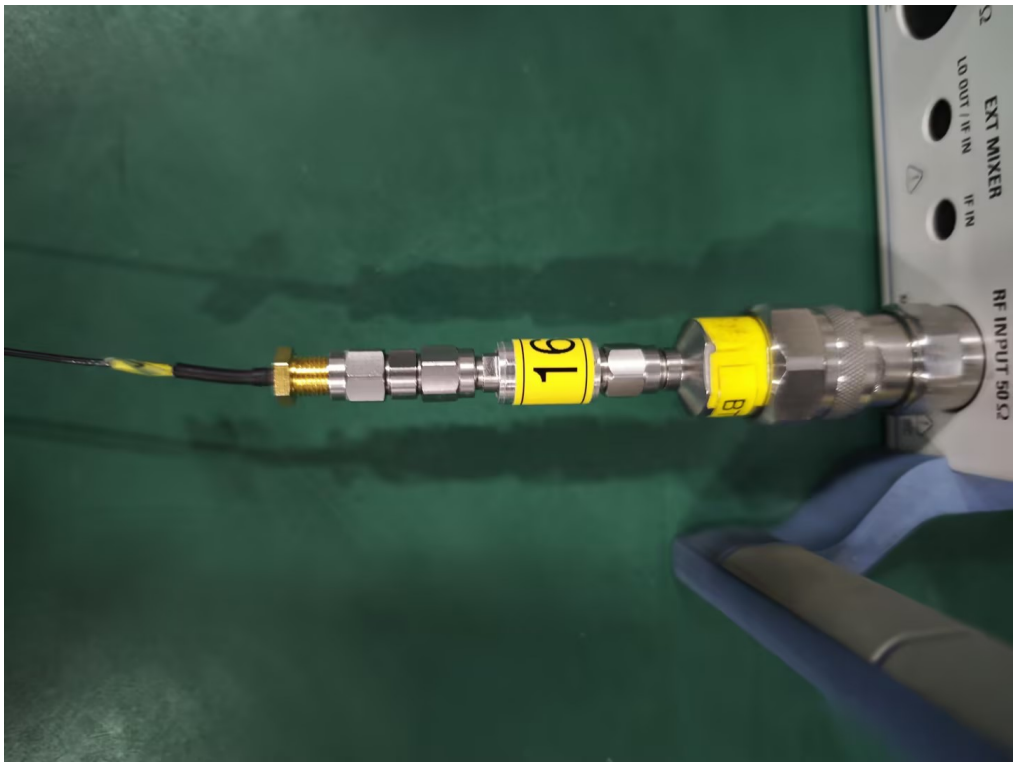
Above 1 GHz_Harmonic(18 GHz to 26.5 GHz)





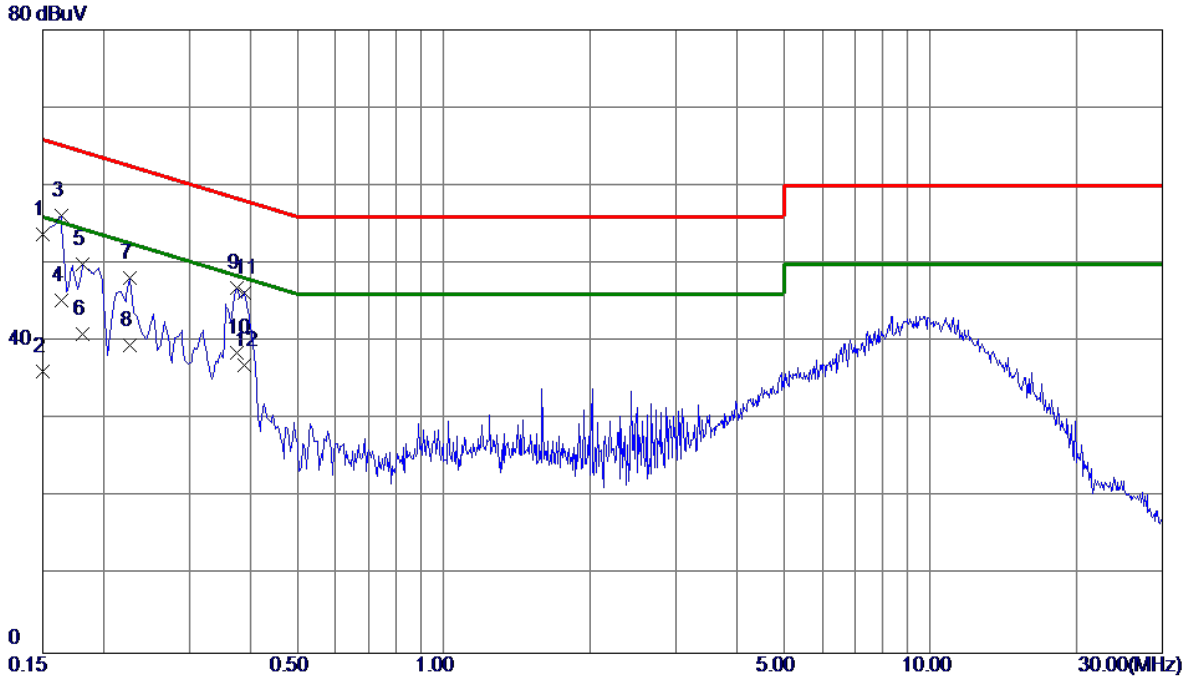
Conducted Test Photos





APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

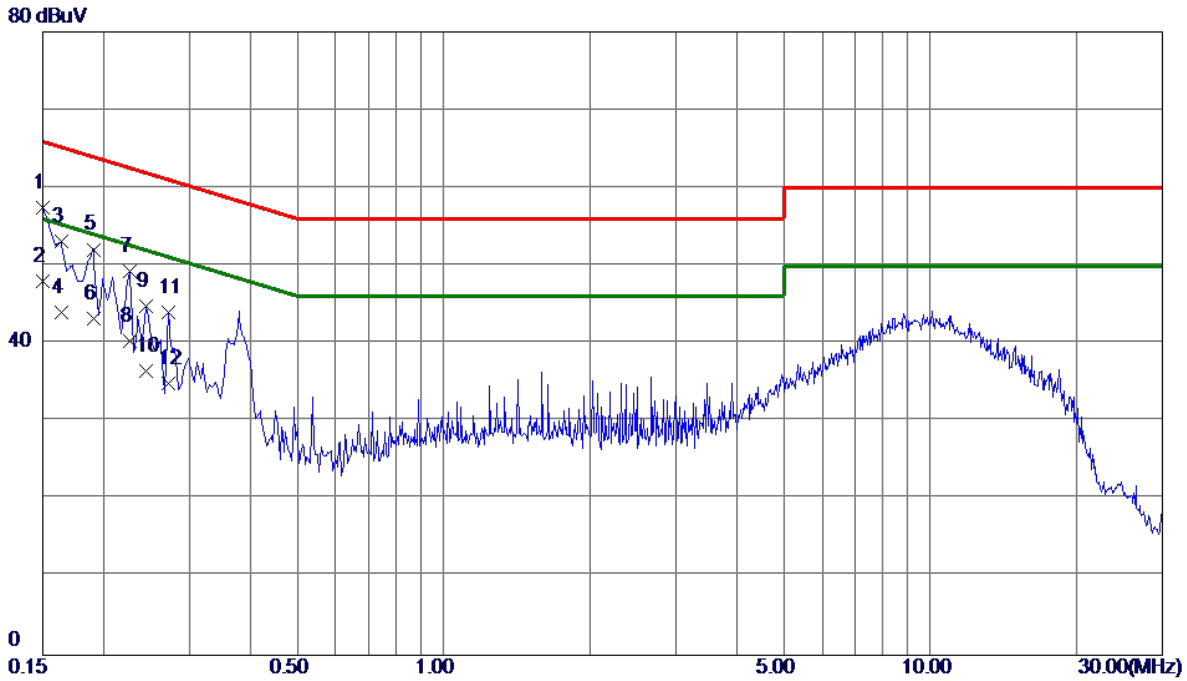
Test Mode	TX AX(HE20) Mode Channel 48 (UNII-1)	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	44.05	9.70	53.75	66.00	-12.25	QP	
2	0.1500	26.40	9.70	36.10	56.00	-19.90	AVG	
3 *	0.1635	46.53	9.70	56.23	65.28	-9.05	QP	
4	0.1635	35.60	9.70	45.30	55.28	-9.98	AVG	
5	0.1815	40.17	9.70	49.87	64.42	-14.55	QP	
6	0.1815	31.20	9.70	40.90	54.42	-13.52	AVG	
7	0.2265	38.49	9.71	48.20	62.58	-14.38	QP	
8	0.2265	29.80	9.71	39.51	52.58	-13.07	AVG	
9	0.3750	37.22	9.72	46.94	58.39	-11.45	QP	
10	0.3750	28.90	9.72	38.62	48.39	-9.77	AVG	
11	0.3893	36.45	9.72	46.17	58.08	-11.91	QP	
12	0.3893	27.30	9.72	37.02	48.08	-11.06	AVG	

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

Test Mode	TX AX(HE20) Mode Channel 48 (UNII-1)	Phase	Neutral

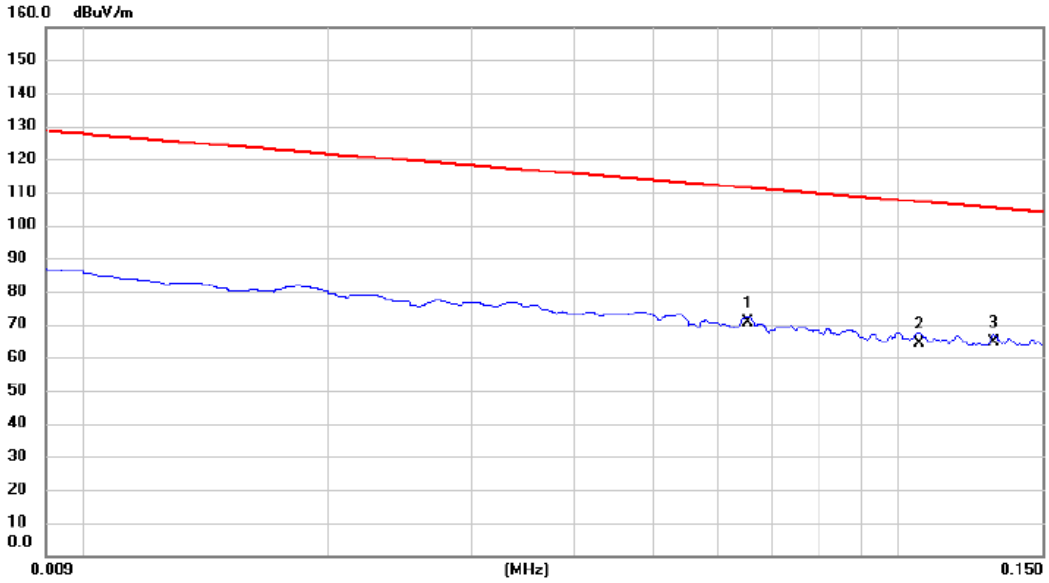


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	47.83	9.55	57.38	66.00	-8.62	QP	
2 *	0.1500	38.40	9.55	47.95	56.00	-8.05	AVG	
3	0.1635	43.60	9.55	53.15	65.28	-12.13	QP	
4	0.1635	34.50	9.55	44.05	55.28	-11.23	AVG	
5	0.1905	42.52	9.56	52.08	64.01	-11.93	QP	
6	0.1905	33.60	9.56	43.16	54.01	-10.85	AVG	
7	0.2265	39.78	9.57	49.35	62.58	-13.23	QP	
8	0.2265	30.70	9.57	40.27	52.58	-12.31	AVG	
9	0.2445	35.17	9.57	44.74	61.94	-17.20	QP	
10	0.2445	26.90	9.57	36.47	51.94	-15.47	AVG	
11	0.2714	34.41	9.57	43.98	61.07	-17.09	QP	
12	0.2714	25.30	9.57	34.87	51.07	-16.20	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

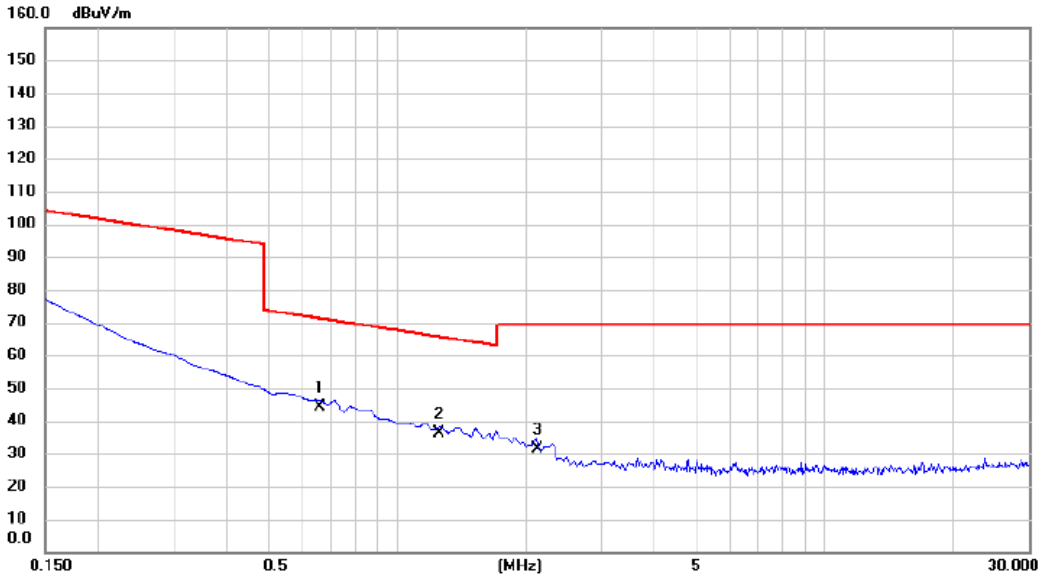
Test Mode	TX AX(HE20) Mode Channel 48 (UNII-1)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0653	49.36	21.25	70.61	111.31	-40.70	AVG	
2		0.1060	42.93	21.32	64.25	107.10	-42.85	QP	
3		0.1310	43.16	21.29	64.45	105.26	-40.81	AVG	

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

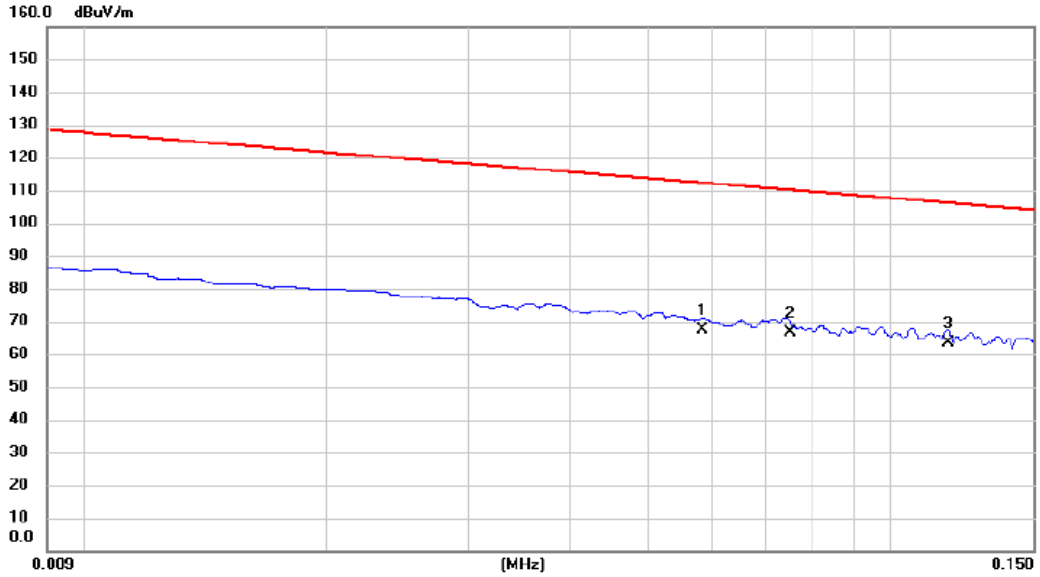
Test Mode	TX AX(HE20) Mode Channel 48 (UNII-1)	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.6574	23.03	21.12	44.15	71.25	-27.10	QP	
2		1.2545	15.09	21.16	36.25	65.63	-29.38	QP	
3		2.1326	10.35	21.11	31.46	69.54	-38.08	QP	

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

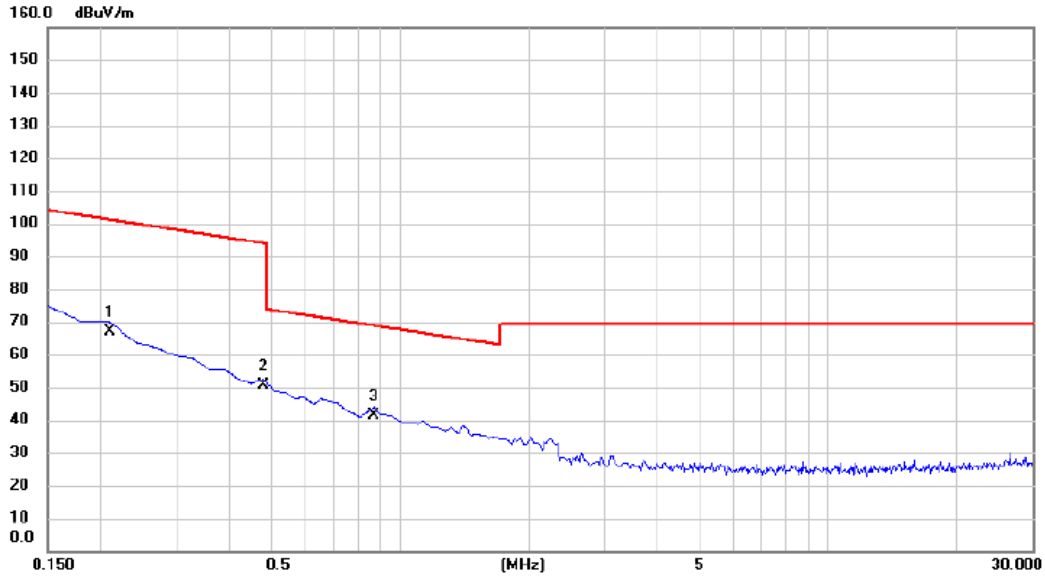
Test Mode	TX AX(HE20) Mode Channel 48 (UNII-1)	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0585	46.00	21.23	67.23	112.26	-45.03	AVG	
2		0.0752	45.35	21.28	66.63	110.08	-43.45	AVG	
3	*	0.1176	42.21	21.30	63.51	106.20	-42.69	AVG	

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

Test Mode	TX AX(HE20) Mode Channel 48 (UNII-1)	Polarization	Ant 90°

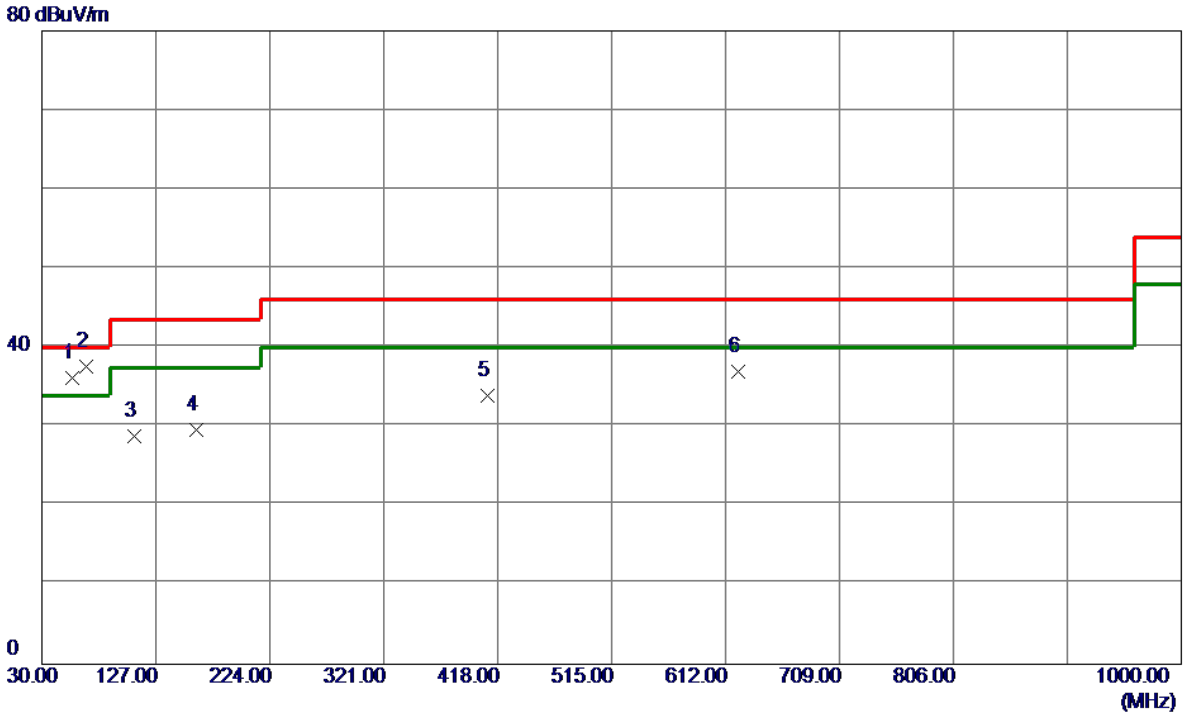


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2097	45.98	21.19	67.17	101.17	-34.00	AVG	
2		0.4783	29.36	21.06	50.42	94.01	-43.59	QP	
3	*	0.8664	20.16	21.18	41.34	68.85	-27.51	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

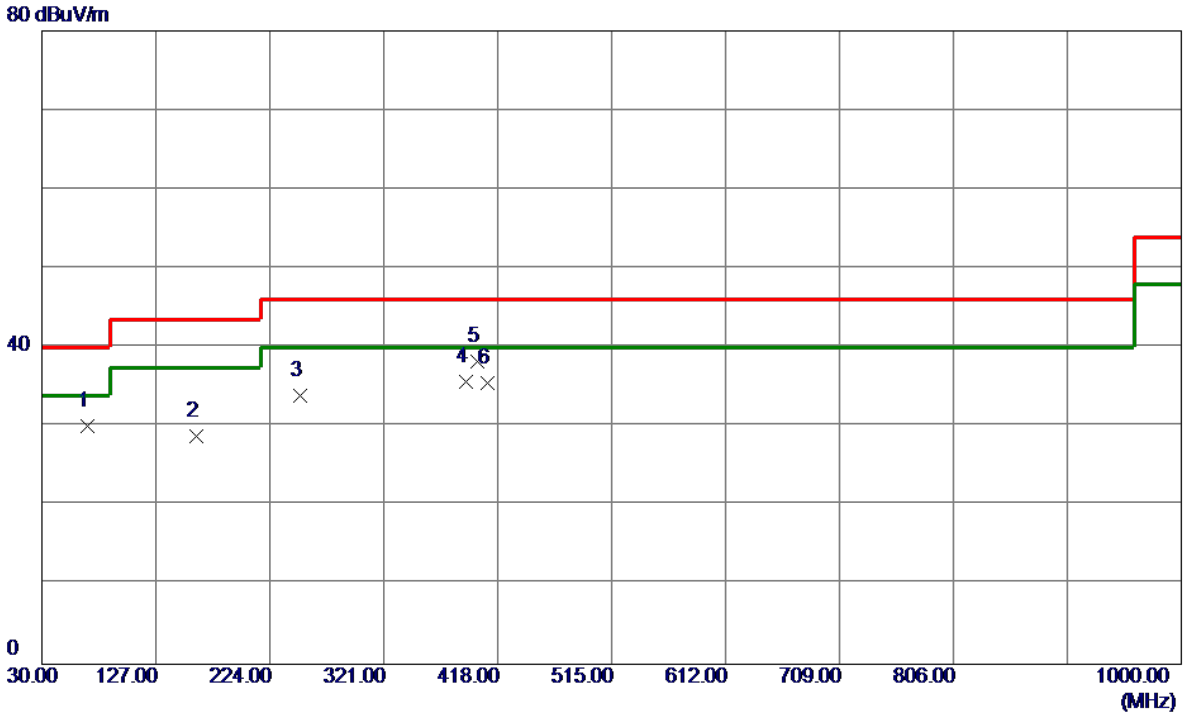
Test Mode	TX AX(HE20) Mode Channel 48 (UNII-1)	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	55.7050	47.67	-11.52	36.15	40.00	-3.85	QP	
2 *	67.8300	50.80	-13.14	37.66	40.00	-2.34	Peak	
3	109.0550	43.26	-14.41	28.85	43.52	-14.67	Peak	
4	161.4350	40.48	-10.90	29.58	43.52	-13.94	Peak	
5	409.2700	41.77	-7.81	33.96	46.02	-12.06	Peak	
6	623.1550	40.25	-3.24	37.01	46.02	-9.01	Peak	

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

Test Mode	TX AX(HE20) Mode Channel 48 (UNII-1)	Polarization	Horizontal

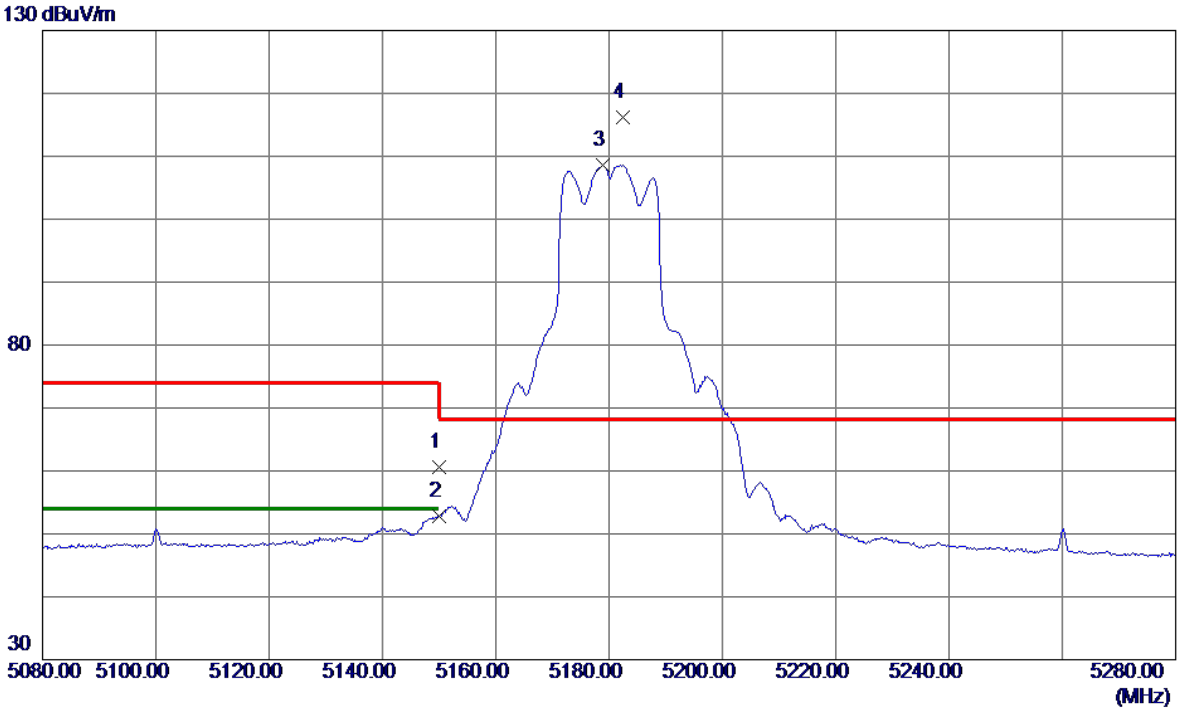


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	69.2850	43.45	-13.38	30.07	40.00	-9.93	Peak	
2	161.9200	39.66	-10.92	28.74	43.52	-14.78	Peak	
3	250.1900	46.33	-12.35	33.98	46.02	-12.04	Peak	
4	391.3250	43.94	-8.20	35.74	46.02	-10.28	Peak	
5 *	400.5400	46.24	-8.03	38.21	46.02	-7.81	Peak	
6	409.2700	43.28	-7.81	35.47	46.02	-10.55	Peak	

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

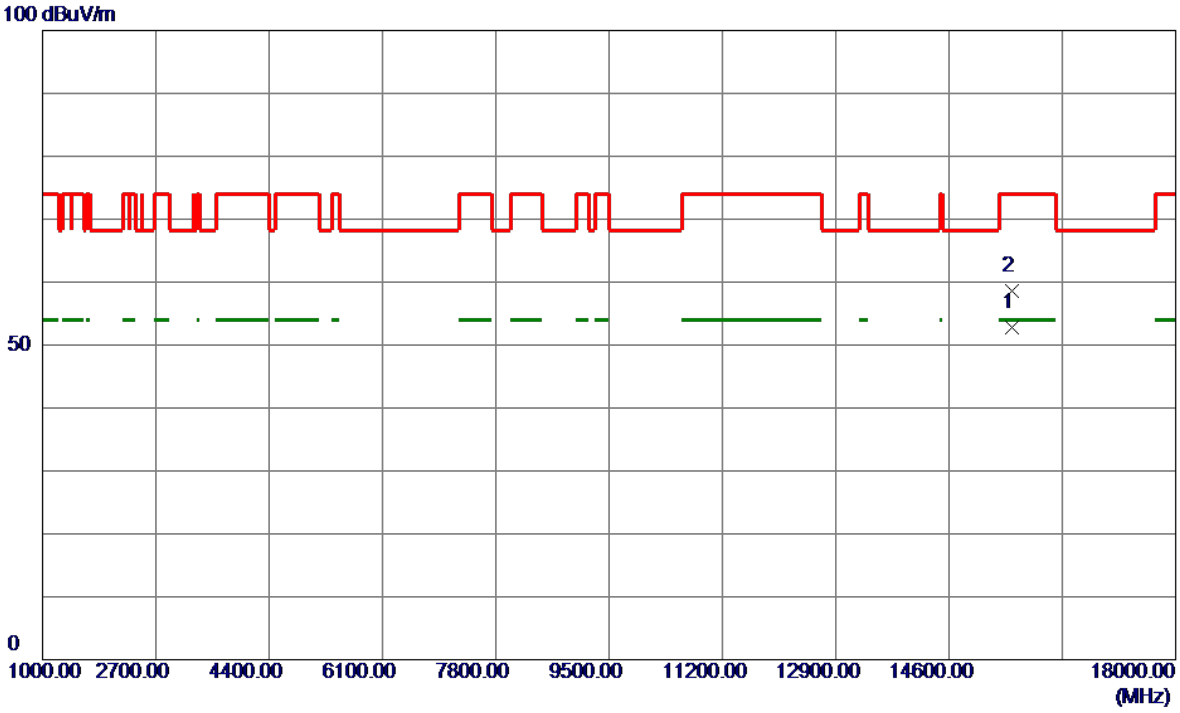
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.81	13.78	60.59	74.00	-13.41	Peak	
2	5150.0000	38.93	13.78	52.71	54.00	-1.29	AVG	
3	5178.8000	94.79	13.79	108.58	999.00	-890.42	AVG	No Limit
4 *	5182.4000	102.39	13.79	116.18	68.20	47.98	Peak	No Limit

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

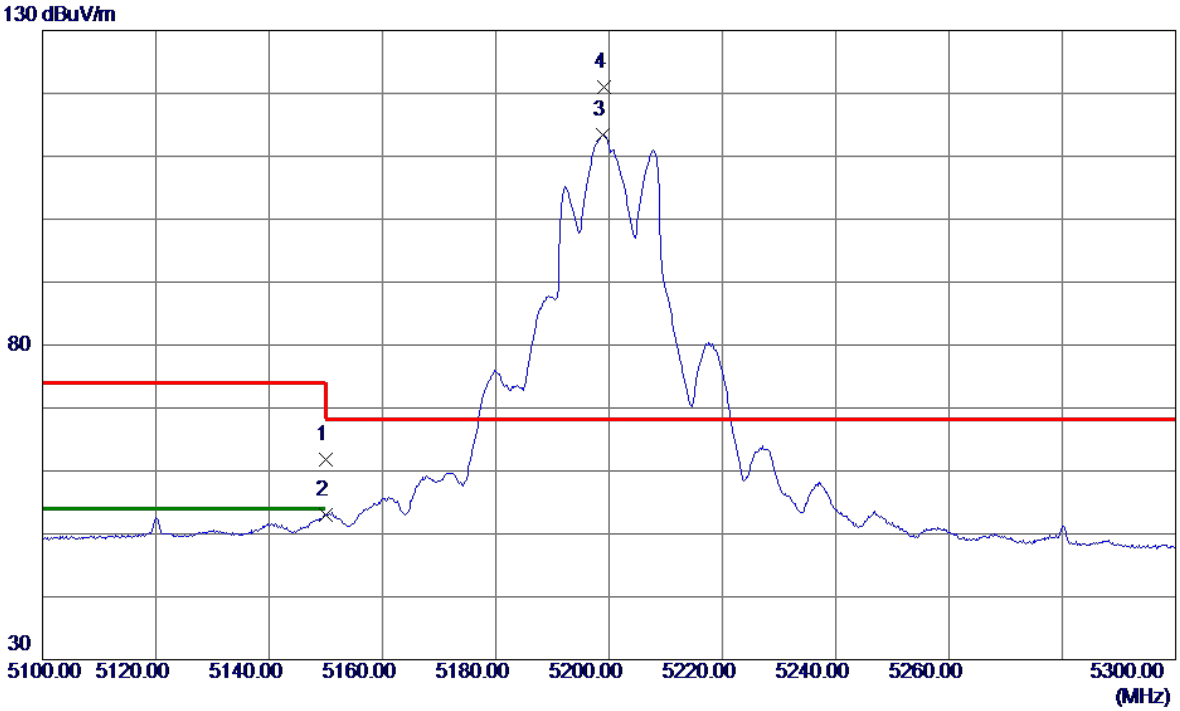
Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15543.7000	41.74	11.05	52.79	54.00	-1.21	AVG	
2	15544.5500	47.50	11.05	58.55	74.00	-15.45	Peak	

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

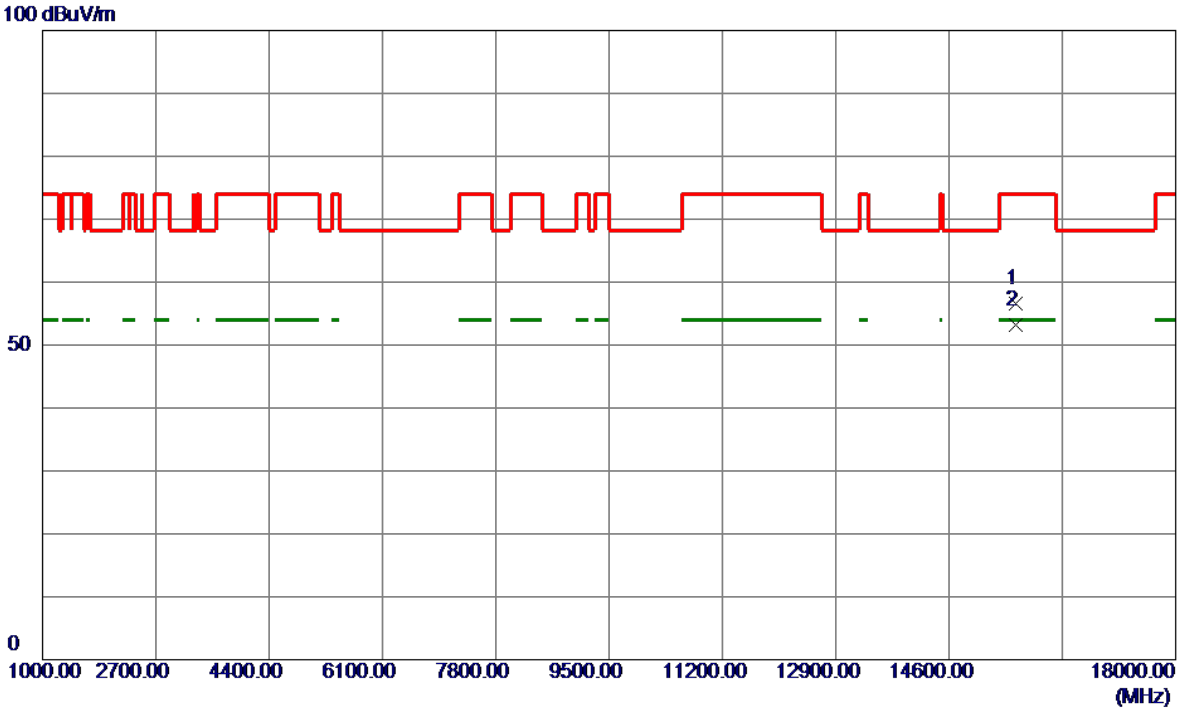
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	48.06	13.78	61.84	74.00	-12.16	Peak	
2	5150.0000	39.23	13.78	53.01	54.00	-0.99	AVG	
3	5198.8000	99.54	13.80	113.34	999.00	-885.66	AVG	No Limit
4 *	5199.2000	107.19	13.80	120.99	68.20	52.79	Peak	No Limit

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

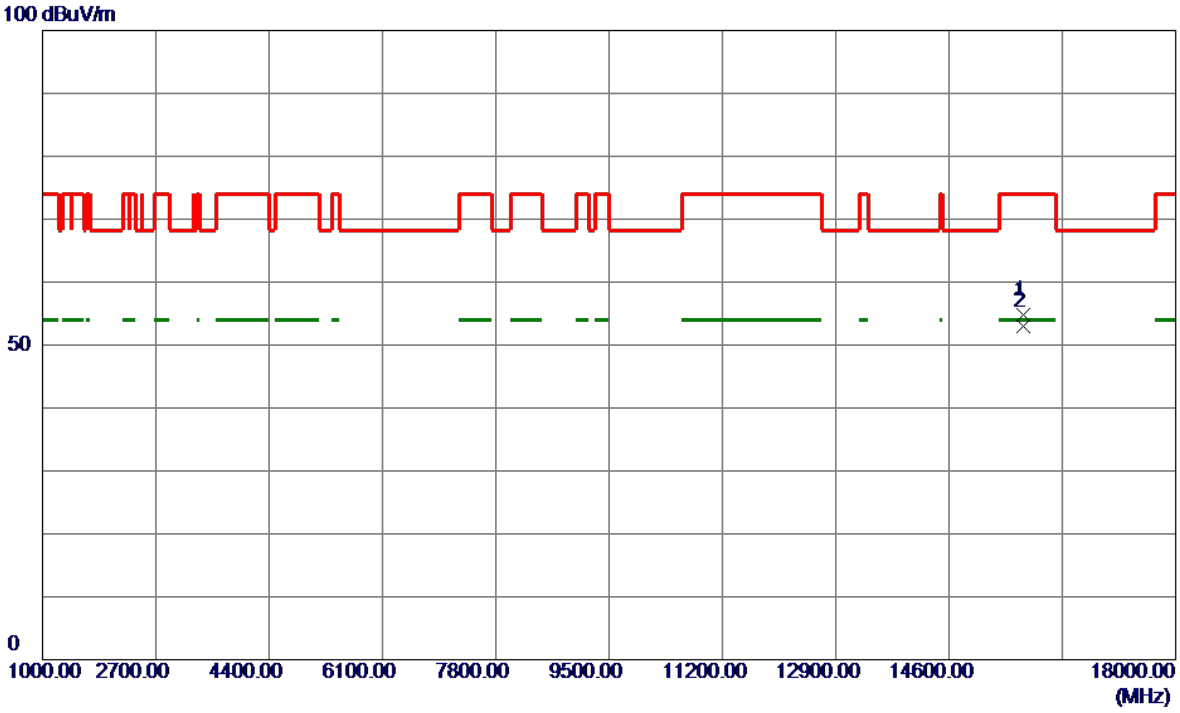
Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15596.7500	45.48	11.09	56.57	74.00	-17.43	Peak	
2 *	15596.9000	42.02	11.09	53.11	54.00	-0.89	AVG	

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

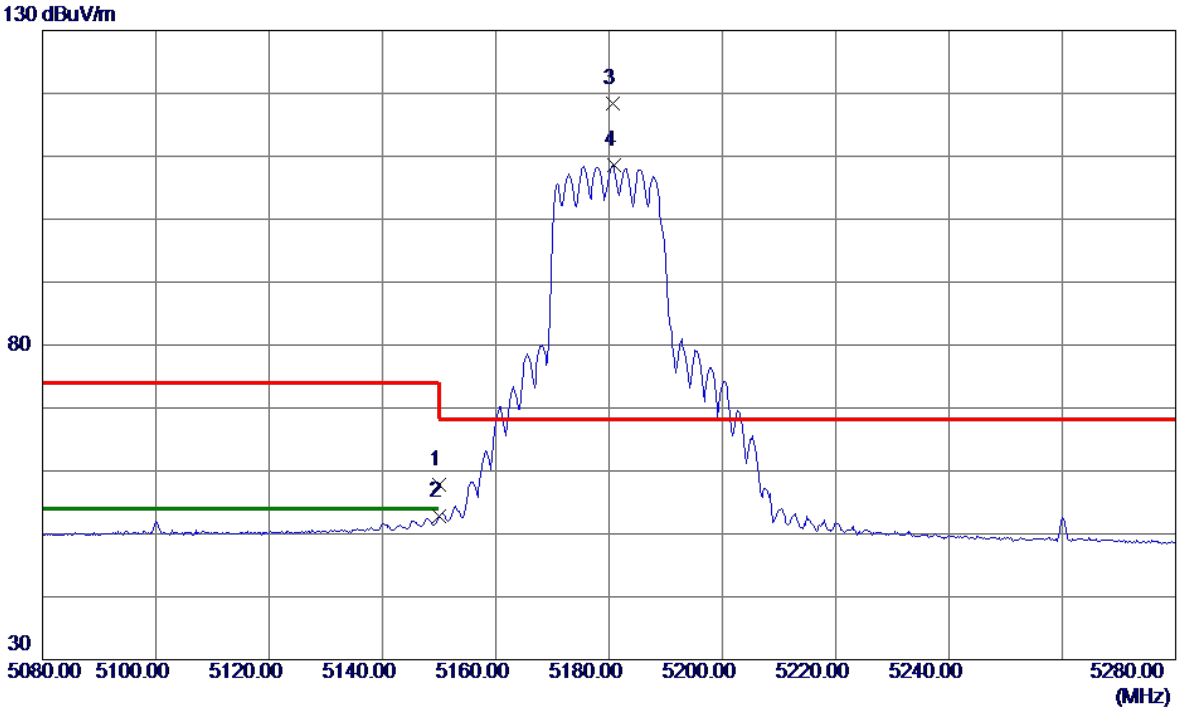
Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15711.5000	43.72	11.17	54.89	74.00	-19.11	Peak	
2 *	15721.4500	41.73	11.18	52.91	54.00	-1.09	AVG	

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

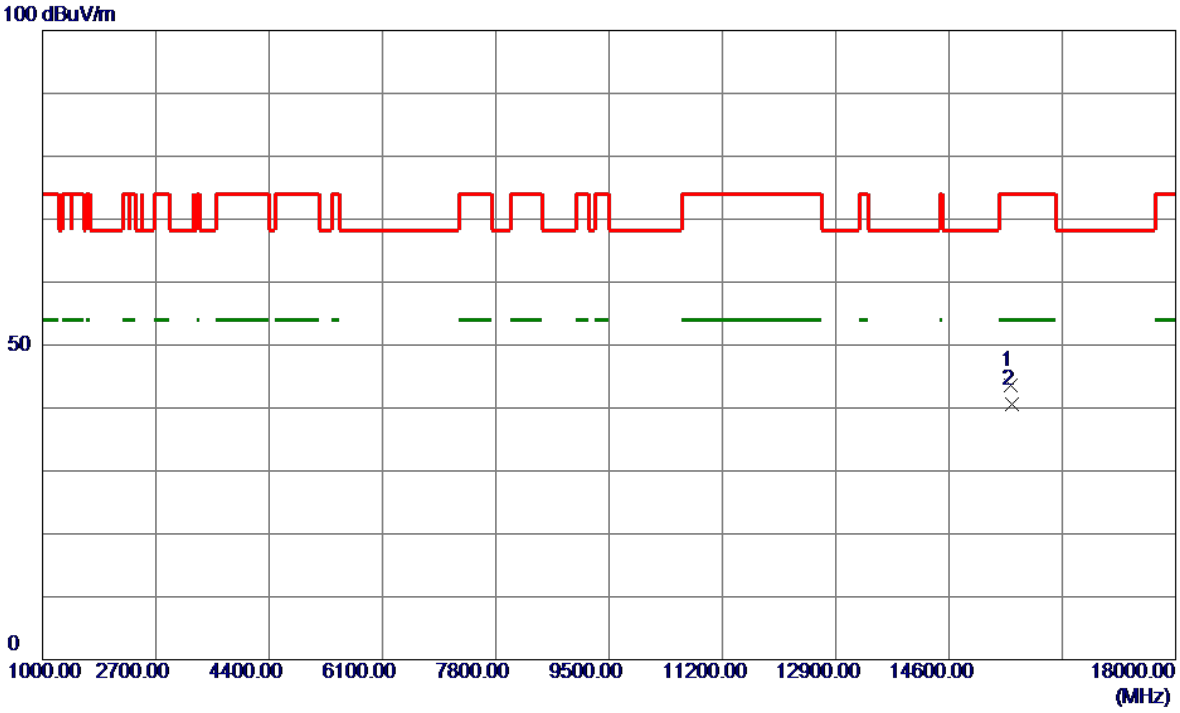
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	43.99	13.78	57.77	74.00	-16.23	Peak	
2	5150.0000	39.10	13.78	52.88	54.00	-1.12	AVG	
3 *	5180.6000	104.65	13.79	118.44	68.20	50.24	Peak	No Limit
4	5180.8000	94.75	13.79	108.54	999.00	-890.46	AVG	No Limit

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

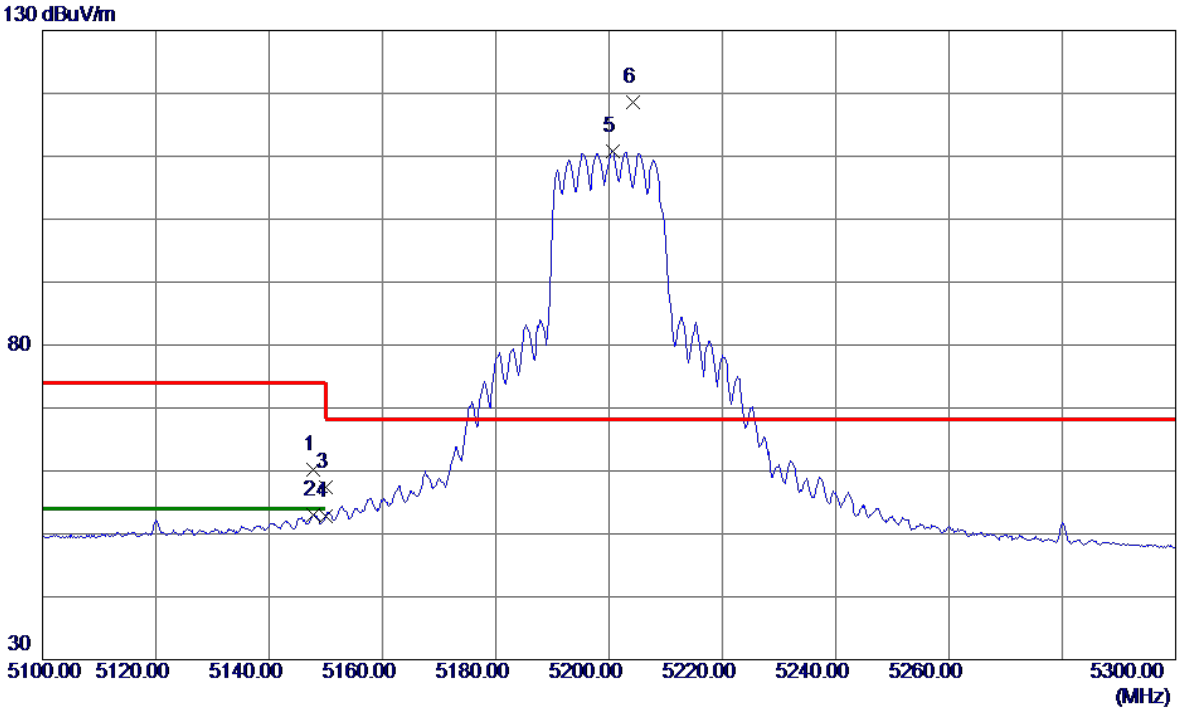
Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15521.6800	32.55	11.03	43.58	74.00	-30.42	Peak	
2 *	15541.8000	29.50	11.05	40.55	54.00	-13.45	AVG	

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

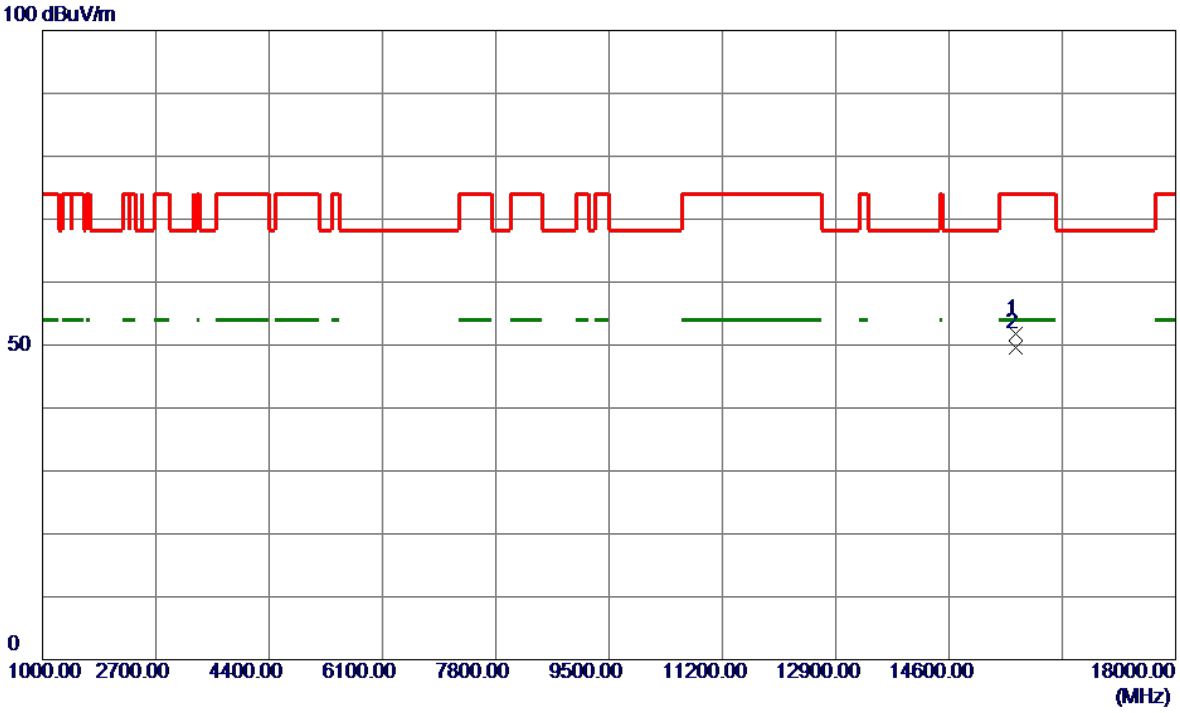
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5147.8000	46.51	13.78	60.29	74.00	-13.71	Peak	
2	5147.8000	39.20	13.78	52.98	54.00	-1.02	AVG	
3	5150.0000	43.61	13.78	57.39	74.00	-16.61	Peak	
4	5150.0000	39.11	13.78	52.89	54.00	-1.11	AVG	
5	5200.6000	97.08	13.80	110.88	999.00	-888.12	AVG	No Limit
6 *	5204.2000	104.82	13.80	118.62	68.20	50.42	Peak	No Limit

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

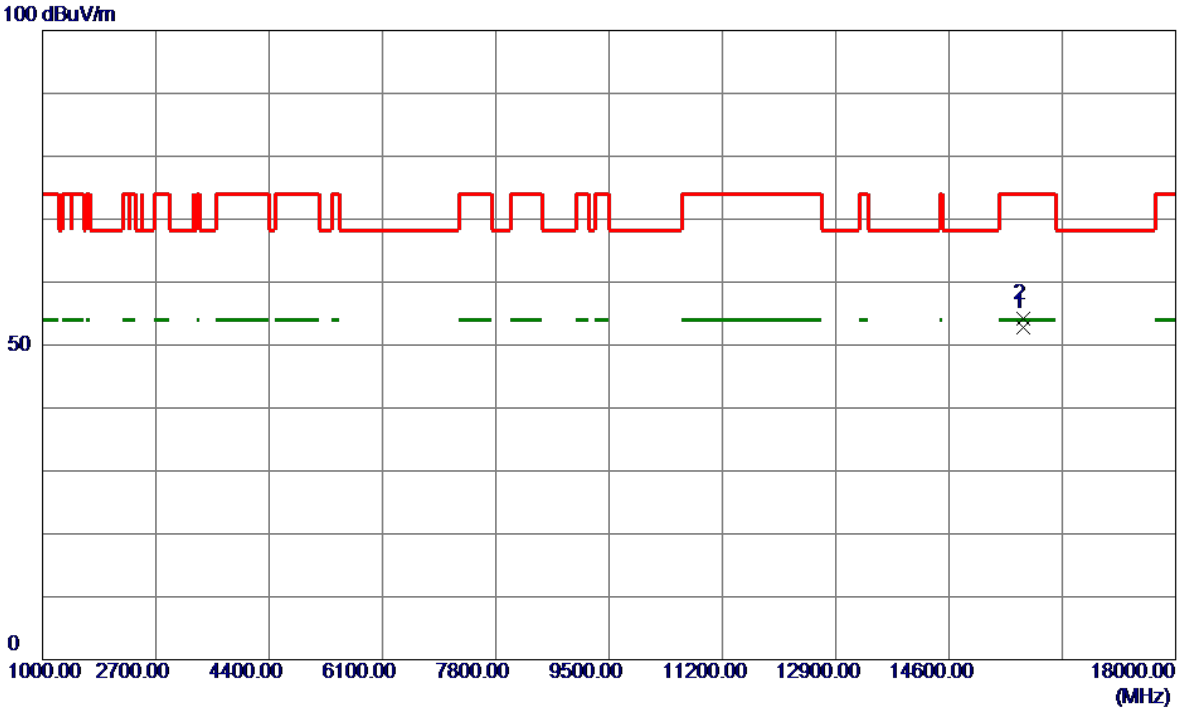
Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15597.0800	40.77	11.09	51.86	74.00	-22.14	Peak	
2 *	15601.8400	38.50	11.09	49.59	54.00	-4.41	AVG	

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

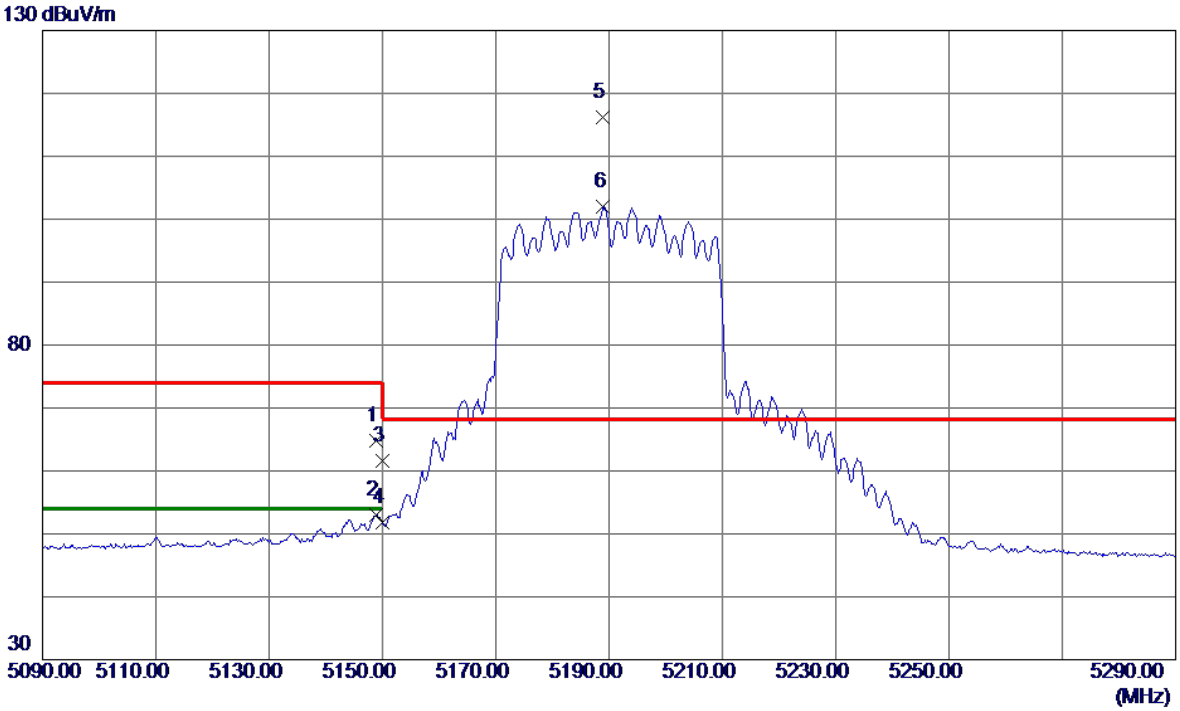
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15721.5200	41.69	11.18	52.87	54.00	-1.13	AVG	
2	15722.2000	42.94	11.18	54.12	74.00	-19.88	Peak	

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

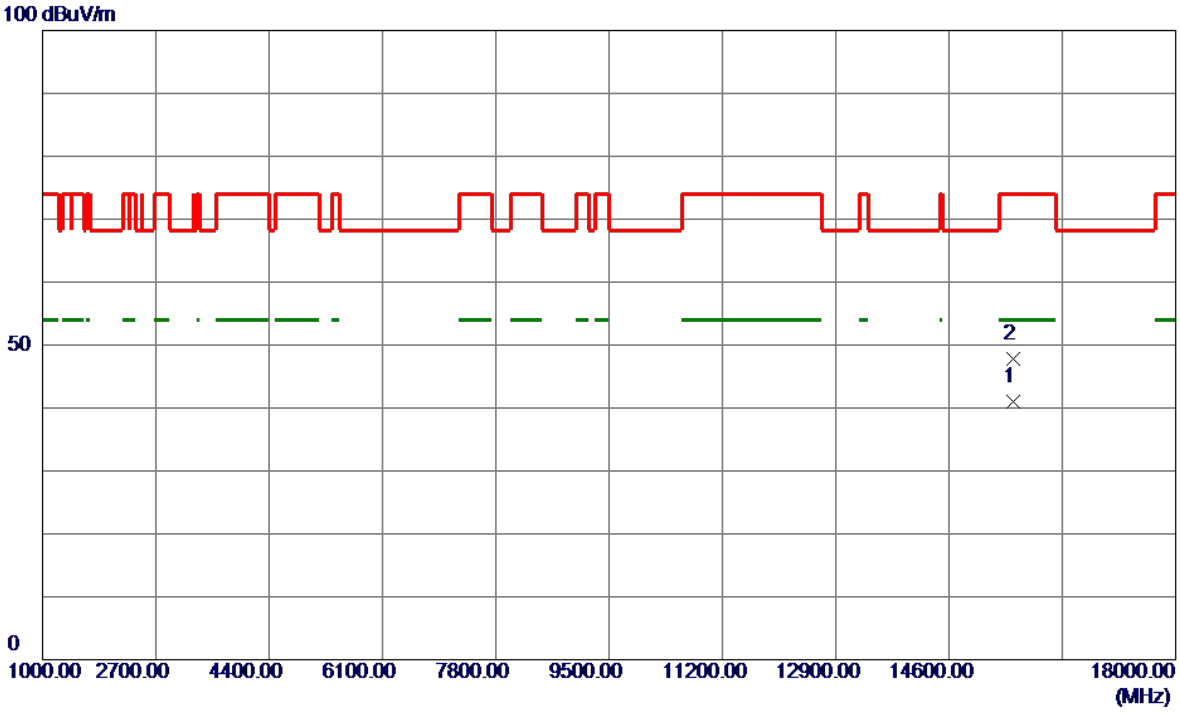
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5148.8000	51.08	13.78	64.86	74.00	-9.14	Peak	
2	5148.8000	39.30	13.78	53.08	54.00	-0.92	AVG	
3	5150.0000	47.78	13.78	61.56	74.00	-12.44	Peak	
4	5150.0000	37.96	13.78	51.74	54.00	-2.26	AVG	
5 *	5188.8000	102.41	13.79	116.20	68.20	48.00	Peak	No Limit
6	5189.0000	88.29	13.79	102.08	999.00	-896.92	AVG	No Limit

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

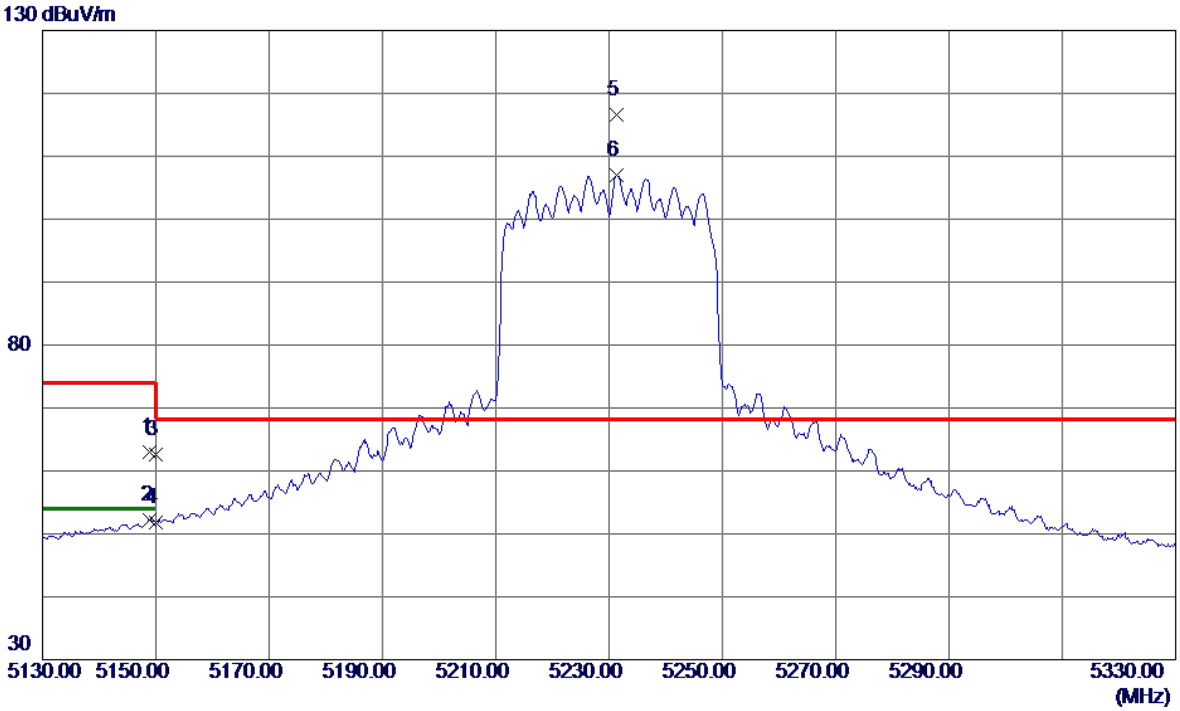
Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15571.5000	29.95	11.07	41.02	54.00	-12.98	AVG	
2	15571.7000	36.67	11.07	47.74	74.00	-26.26	Peak	

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

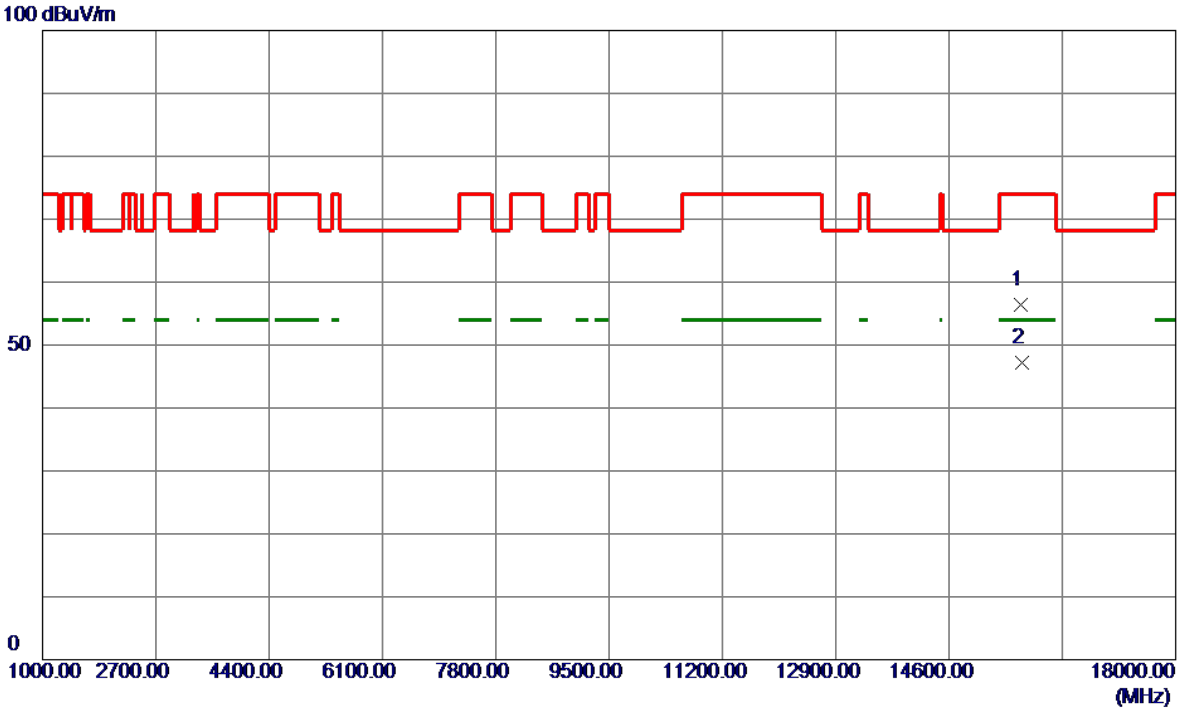
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5149.0000	49.29	13.78	63.07	74.00	-10.93	Peak	
2	5149.0000	38.45	13.78	52.23	54.00	-1.77	AVG	
3	5150.0000	48.83	13.78	62.61	74.00	-11.39	Peak	
4	5150.0000	38.10	13.78	51.88	54.00	-2.12	AVG	
5 *	5231.4000	102.79	13.80	116.59	68.20	48.39	Peak	No Limit
6	5231.4000	93.14	13.80	106.94	999.00	-892.06	AVG	No Limit

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

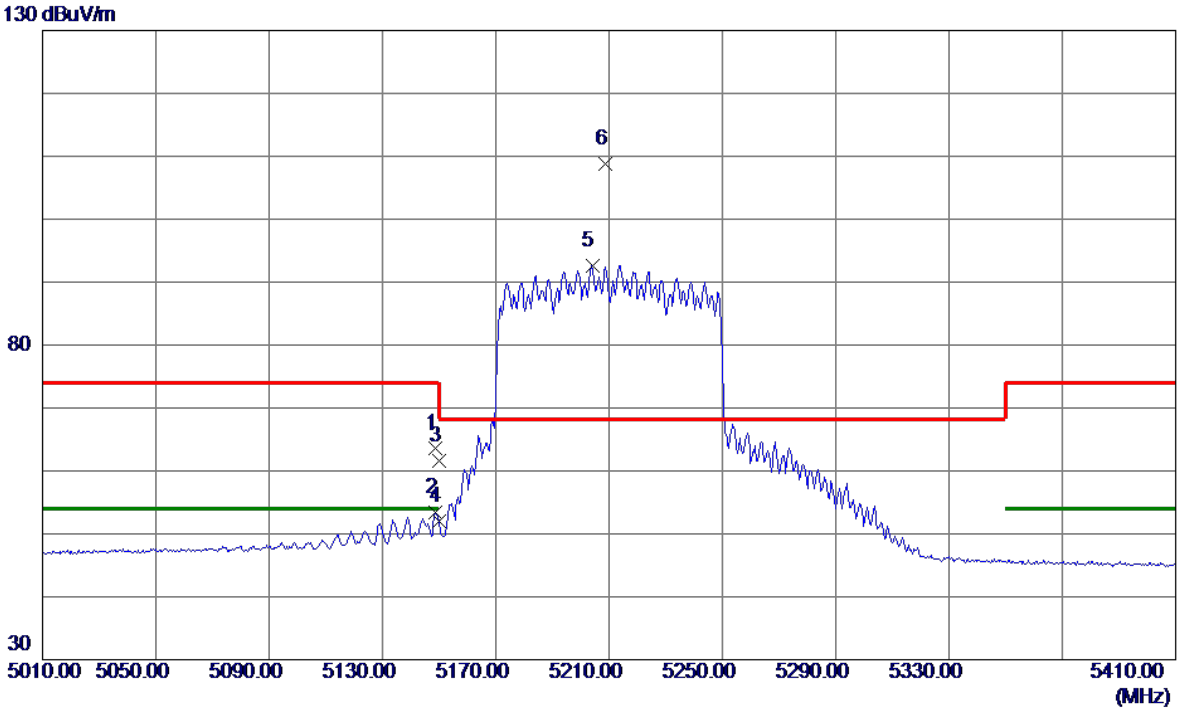
Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15676.5000	45.24	11.15	56.39	74.00	-17.61	Peak	
2 *	15696.4000	35.98	11.16	47.14	54.00	-6.86	AVG	

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

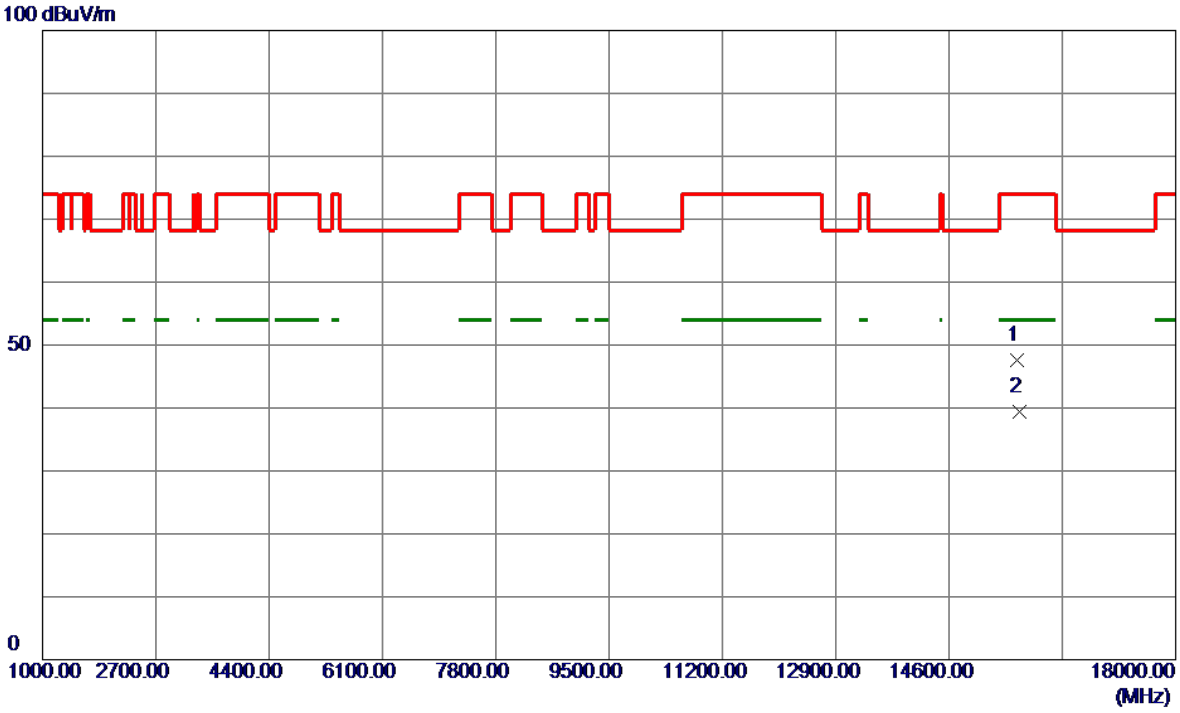
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5148.8000	49.73	13.78	63.51	74.00	-10.49	Peak	
2	5148.8000	39.55	13.78	53.33	54.00	-0.67	AVG	
3	5150.0000	47.85	13.78	61.63	74.00	-12.37	Peak	
4	5150.0000	38.20	13.78	51.98	54.00	-2.02	AVG	
5	5204.0000	78.88	13.80	92.68	999.00	-906.32	AVG	No Limit
6 *	5208.8000	94.92	13.80	108.72	68.20	40.52	Peak	No Limit

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

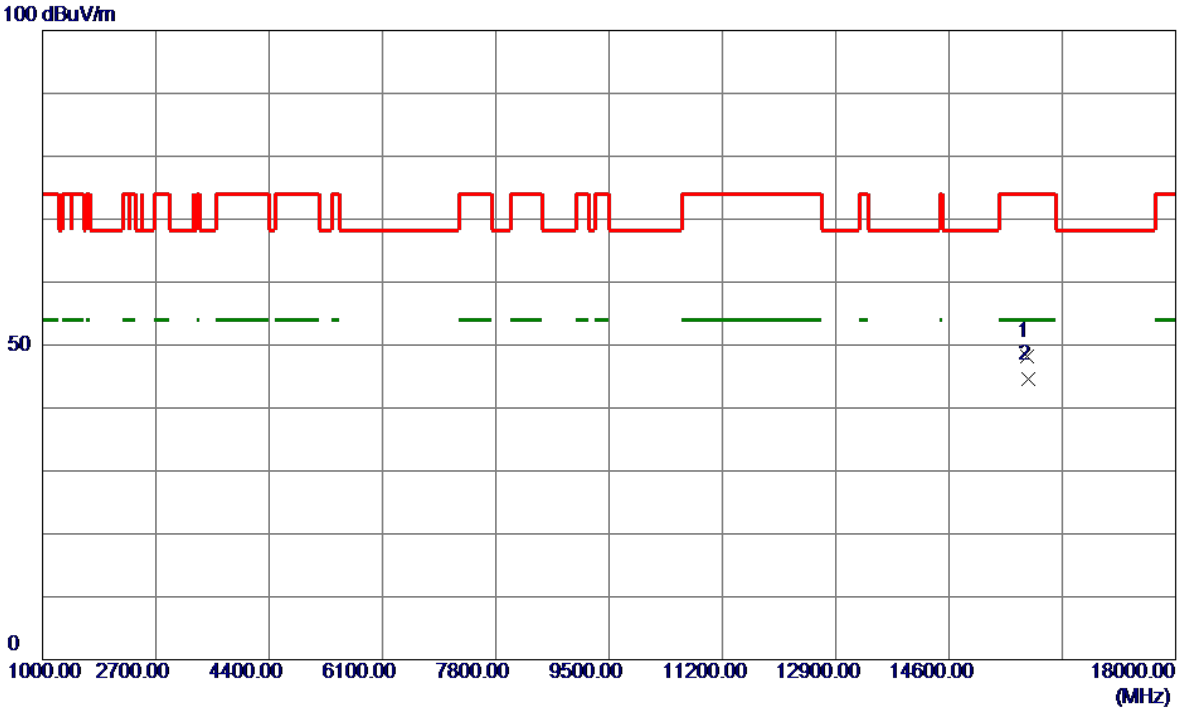
Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15613.4500	36.53	11.10	47.63	74.00	-26.37	Peak	
2 *	15652.3500	28.22	11.13	39.35	54.00	-14.65	AVG	

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

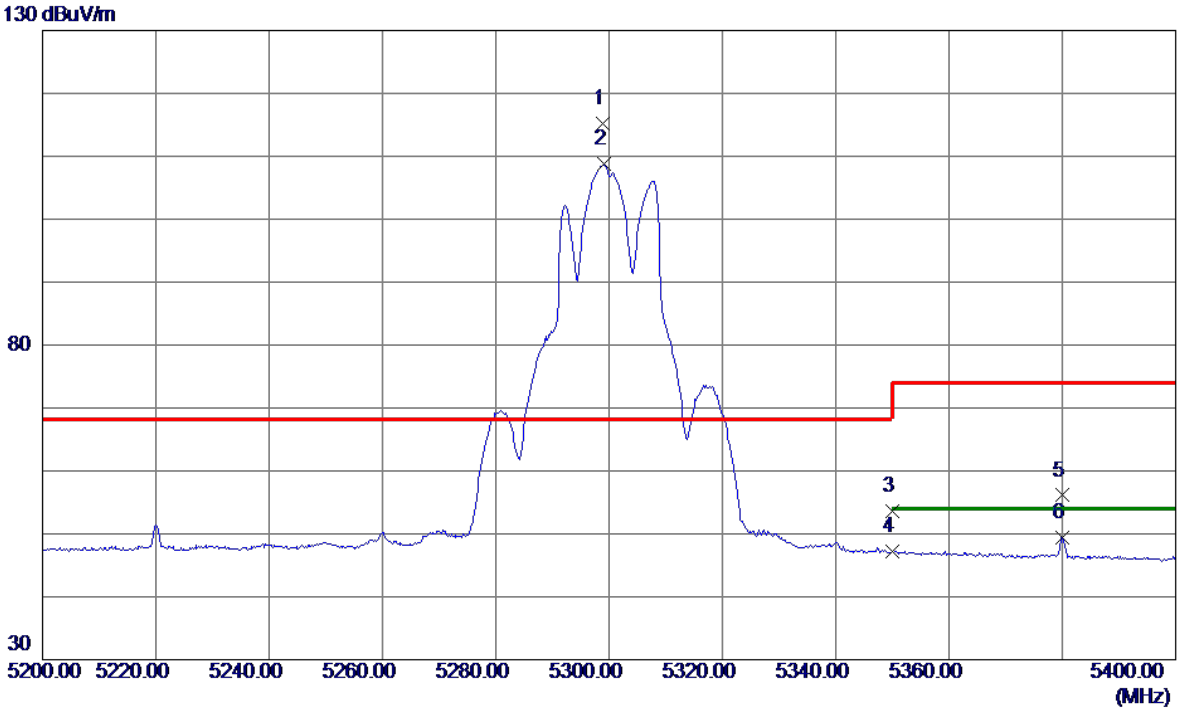
Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15771.5000	37.04	11.22	48.26	74.00	-25.74	Peak	
2 *	15781.4500	33.32	11.23	44.55	54.00	-9.45	AVG	

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

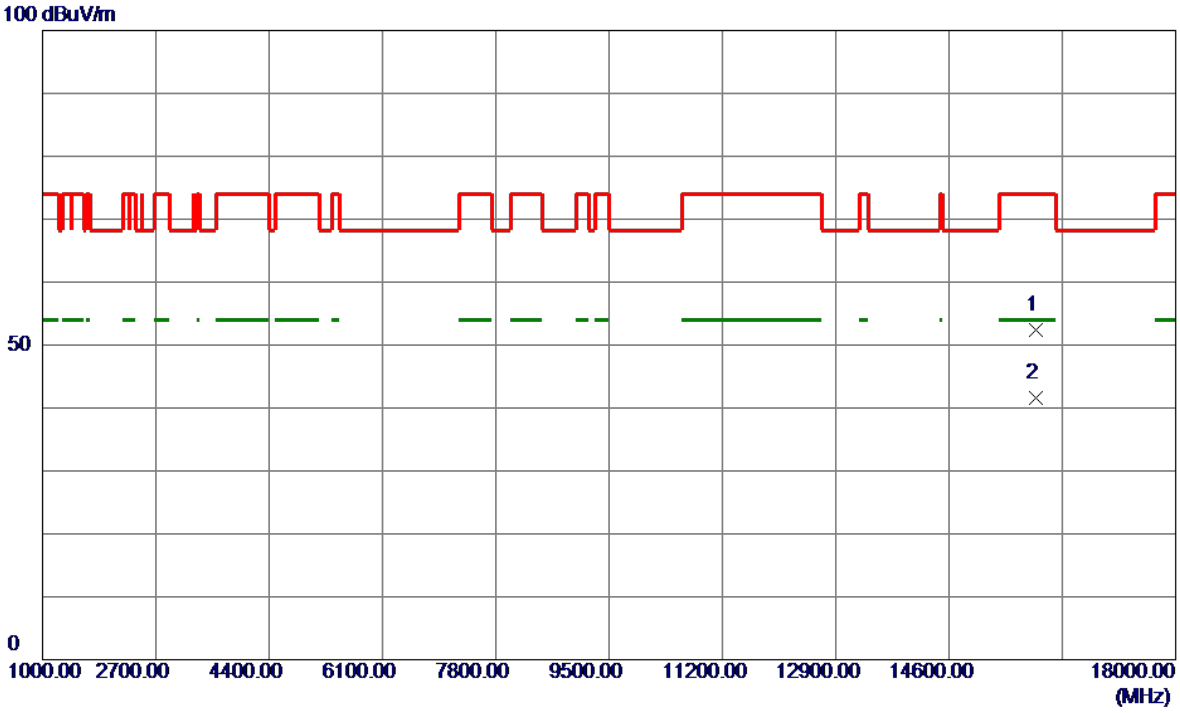
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5298.8000	101.47	13.82	115.29	68.20	47.09	Peak	No Limit
2	5299.2000	94.91	13.82	108.73	999.00	-890.27	AVG	No Limit
3	5350.0000	39.72	13.84	53.56	74.00	-20.44	Peak	
4	5350.0000	33.32	13.84	47.16	54.00	-6.84	AVG	
5	5380.0000	42.25	13.85	56.10	74.00	-17.90	Peak	
6	5380.0000	35.61	13.85	49.46	54.00	-4.54	AVG	

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

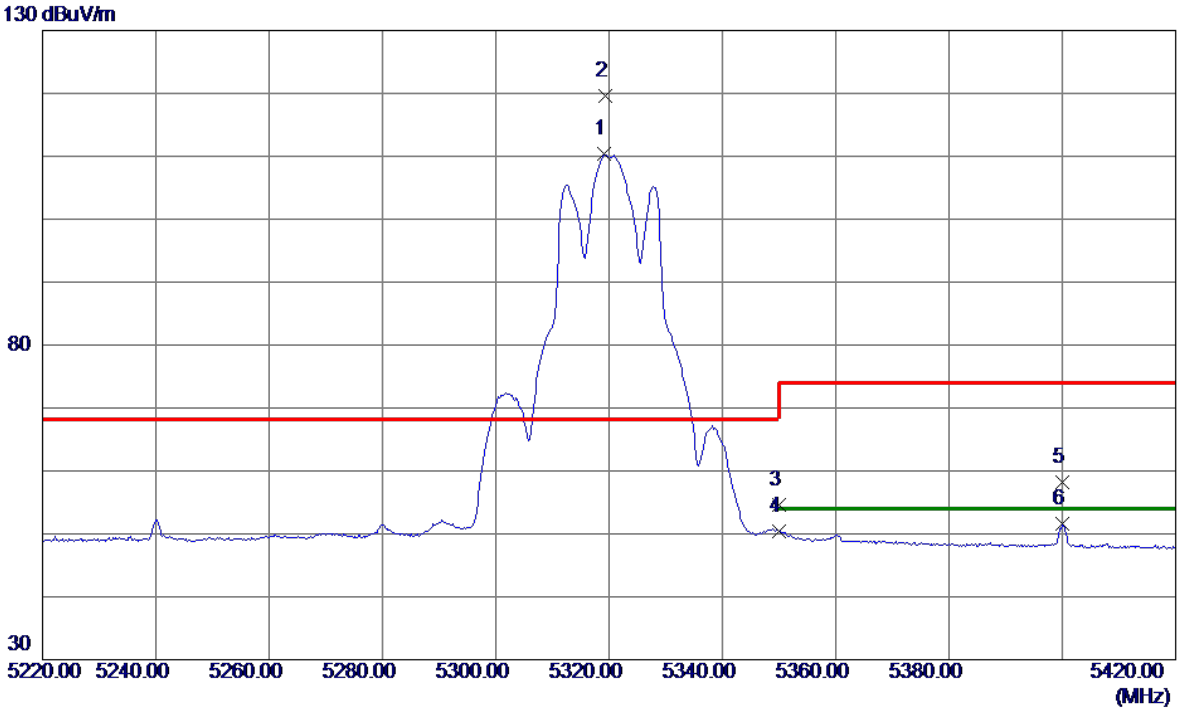
Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15896.4000	41.04	11.31	52.35	74.00	-21.65	Peak	
2 *	15900.6500	30.21	11.32	41.53	54.00	-12.47	AVG	

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

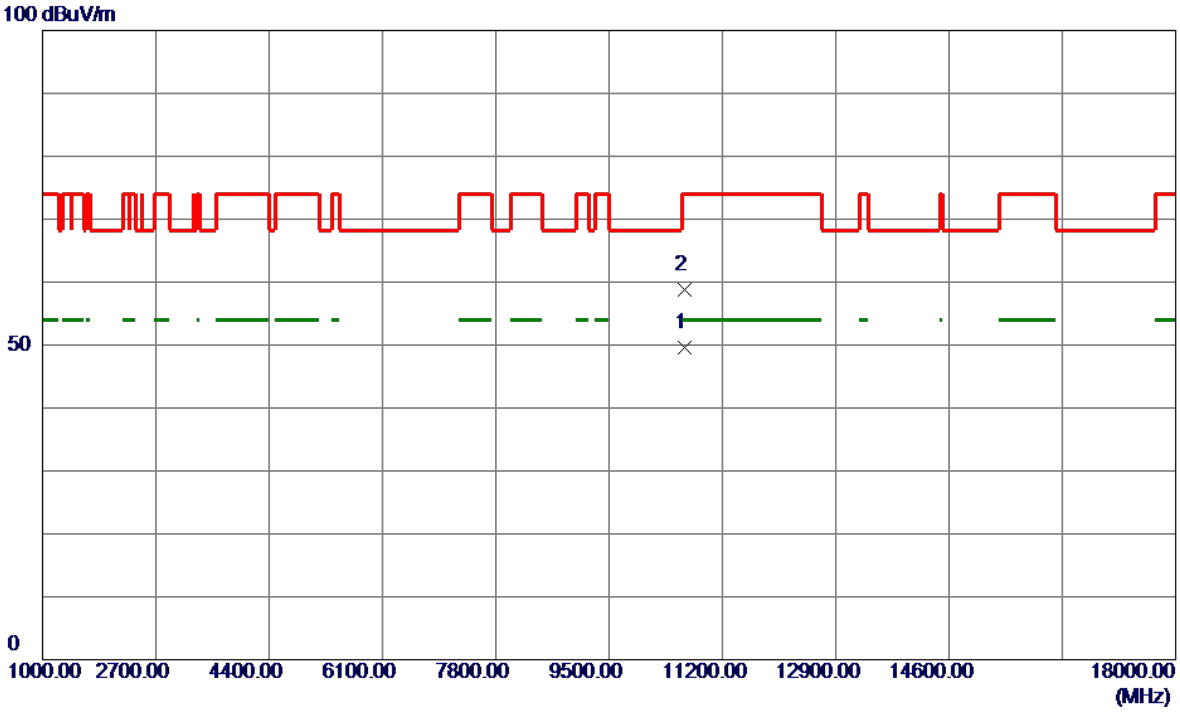
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5319.2000	96.65	13.83	110.48	999.00	-888.52	AVG	No Limit
2 *	5319.4000	105.76	13.83	119.59	68.20	51.39	Peak	No Limit
3	5350.0000	40.85	13.84	54.69	74.00	-19.31	Peak	
4	5350.0000	36.54	13.84	50.38	54.00	-3.62	AVG	
5	5400.0000	44.41	13.85	58.26	74.00	-15.74	Peak	
6	5400.0000	37.69	13.85	51.54	54.00	-2.46	AVG	

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

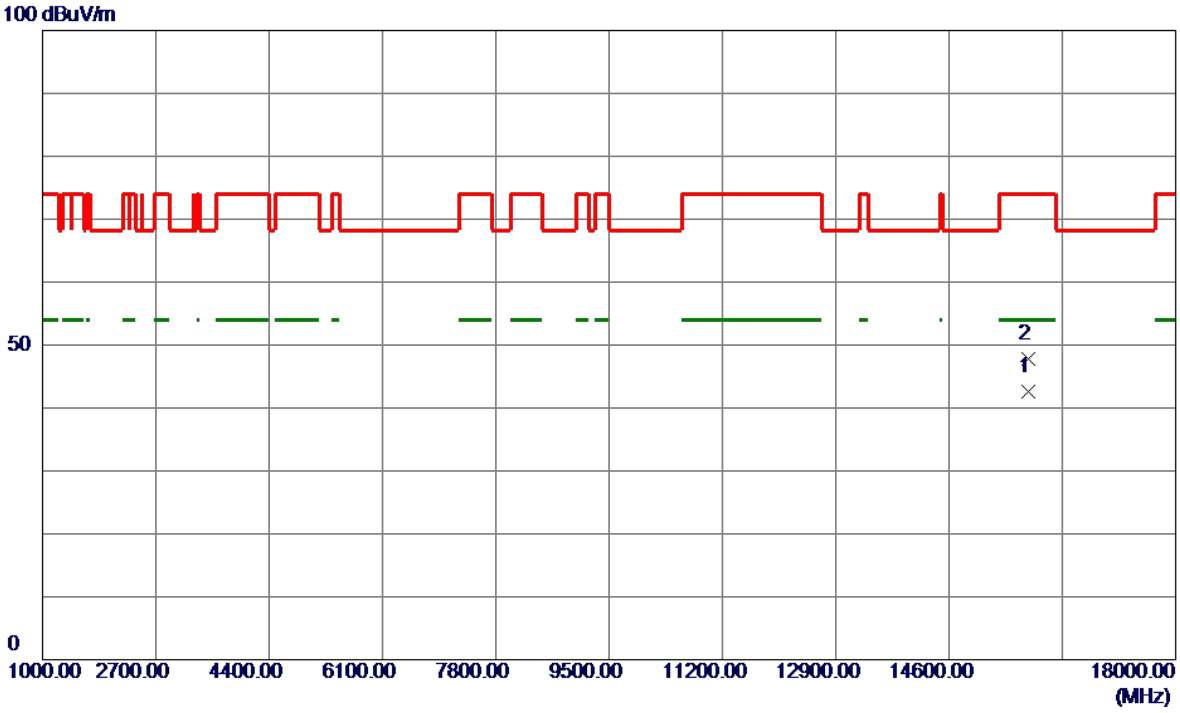
Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10640.2000	39.63	10.01	49.64	54.00	-4.36	AVG	
2	10640.5199	48.76	10.01	58.77	74.00	-15.23	Peak	

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

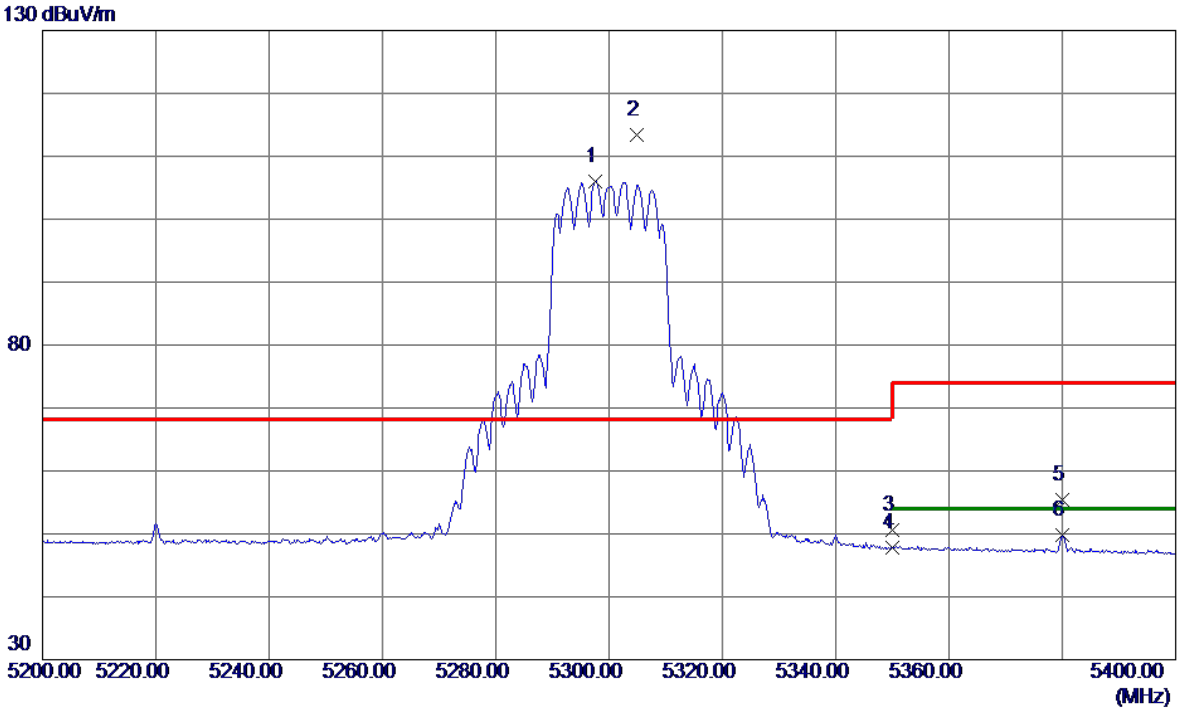
Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15781.5200	31.38	11.23	42.61	54.00	-11.39	AVG	
2	15781.8000	36.53	11.23	47.76	74.00	-26.24	Peak	

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

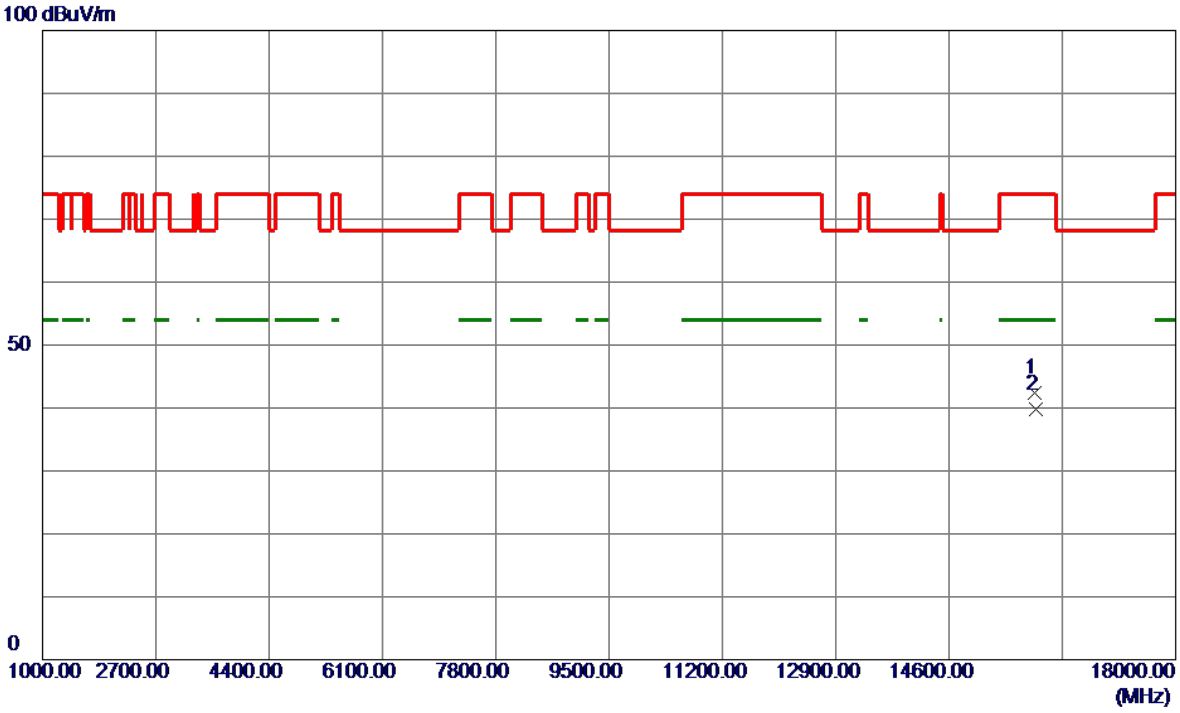
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5297.6000	92.17	13.82	105.99	999.00	-893.01	AVG	No Limit
2 *	5304.8000	99.55	13.83	113.38	68.20	45.18	Peak	No Limit
3	5350.0000	36.76	13.84	50.60	74.00	-23.40	Peak	
4	5350.0000	34.03	13.84	47.87	54.00	-6.13	AVG	
5	5380.0000	41.61	13.85	55.46	74.00	-18.54	Peak	
6	5380.0000	35.89	13.85	49.74	54.00	-4.26	AVG	

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

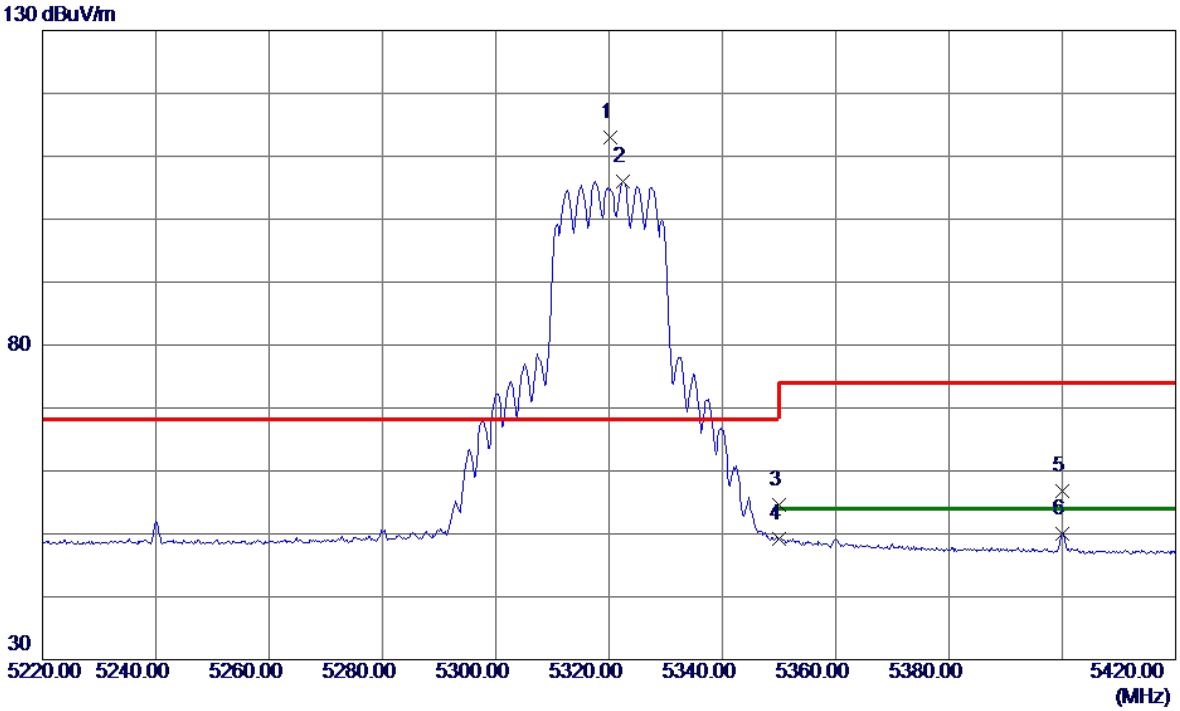
Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15880.0000	31.06	11.30	42.36	74.00	-31.64	Peak	
2 *	15901.6400	28.47	11.32	39.79	54.00	-14.21	AVG	

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

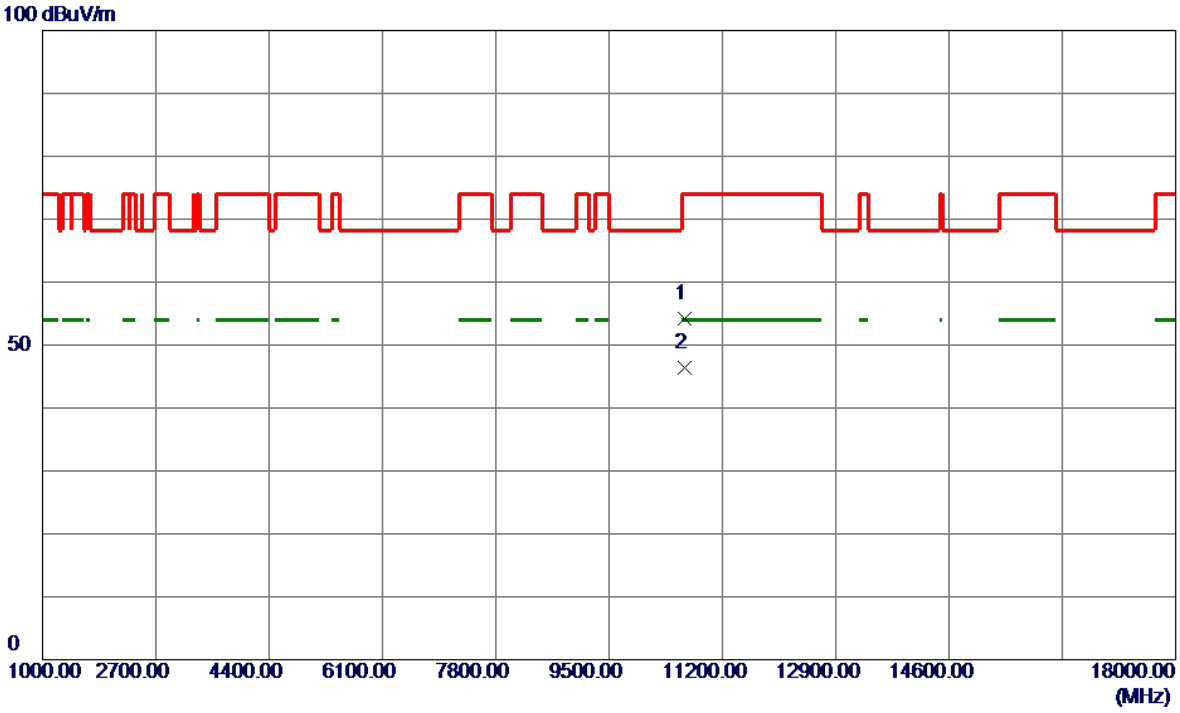
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5320.2000	99.27	13.83	113.10	68.20	44.90	Peak	No Limit
2	5322.4000	92.11	13.83	105.94	999.00	-893.06	AVG	No Limit
3	5350.0000	40.79	13.84	54.63	74.00	-19.37	Peak	
4	5350.0000	35.29	13.84	49.13	54.00	-4.87	AVG	
5	5400.0000	42.89	13.85	56.74	74.00	-17.26	Peak	
6	5400.0000	36.11	13.85	49.96	54.00	-4.04	AVG	

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

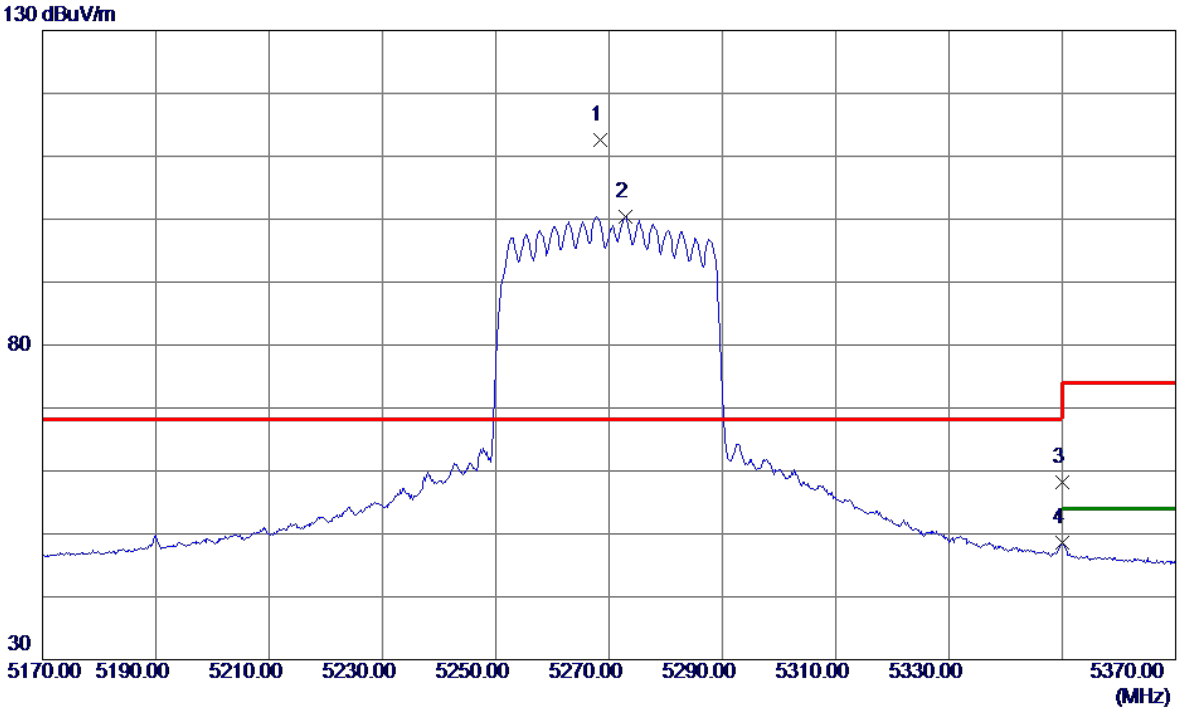
Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10636.6400	44.12	10.01	54.13	74.00	-19.87	Peak	
2 *	10639.6000	36.36	10.01	46.37	54.00	-7.63	AVG	

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

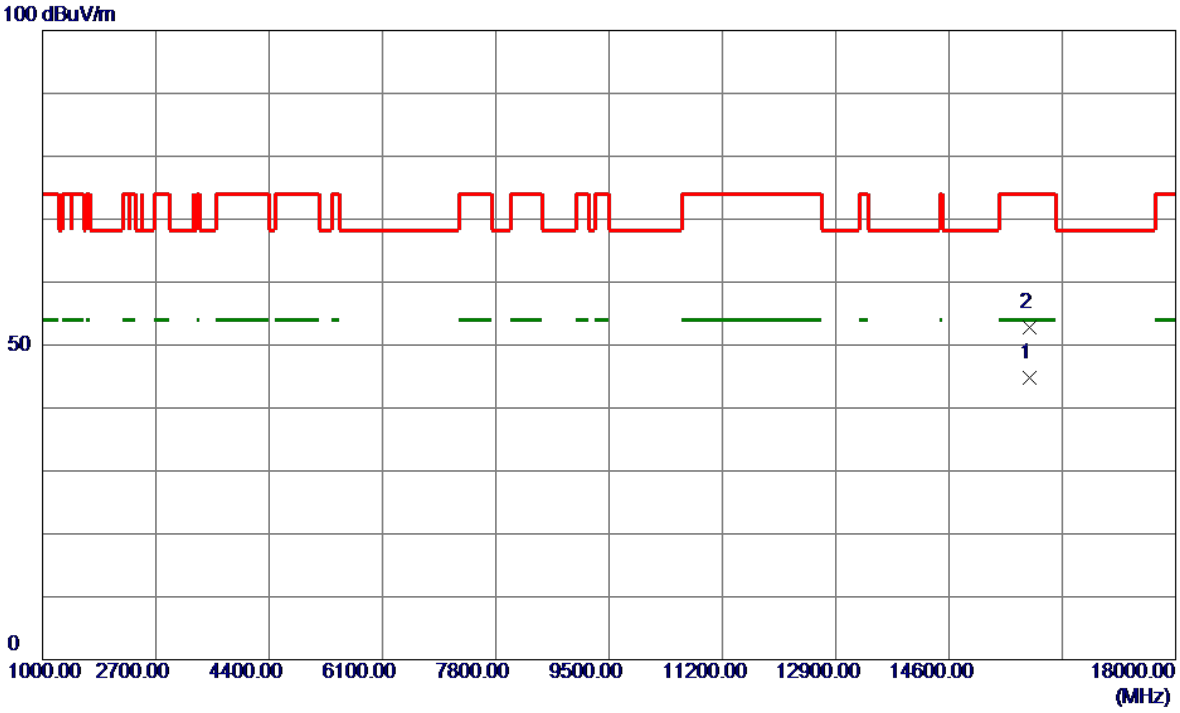
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5268.4000	98.80	13.82	112.62	68.20	44.42	Peak	No Limit
2	5272.8000	86.67	13.82	100.49	999.00	-898.51	AVG	No Limit
3	5350.0000	44.45	13.84	58.29	74.00	-15.71	Peak	
4	5350.0000	34.80	13.84	48.64	54.00	-5.36	AVG	

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

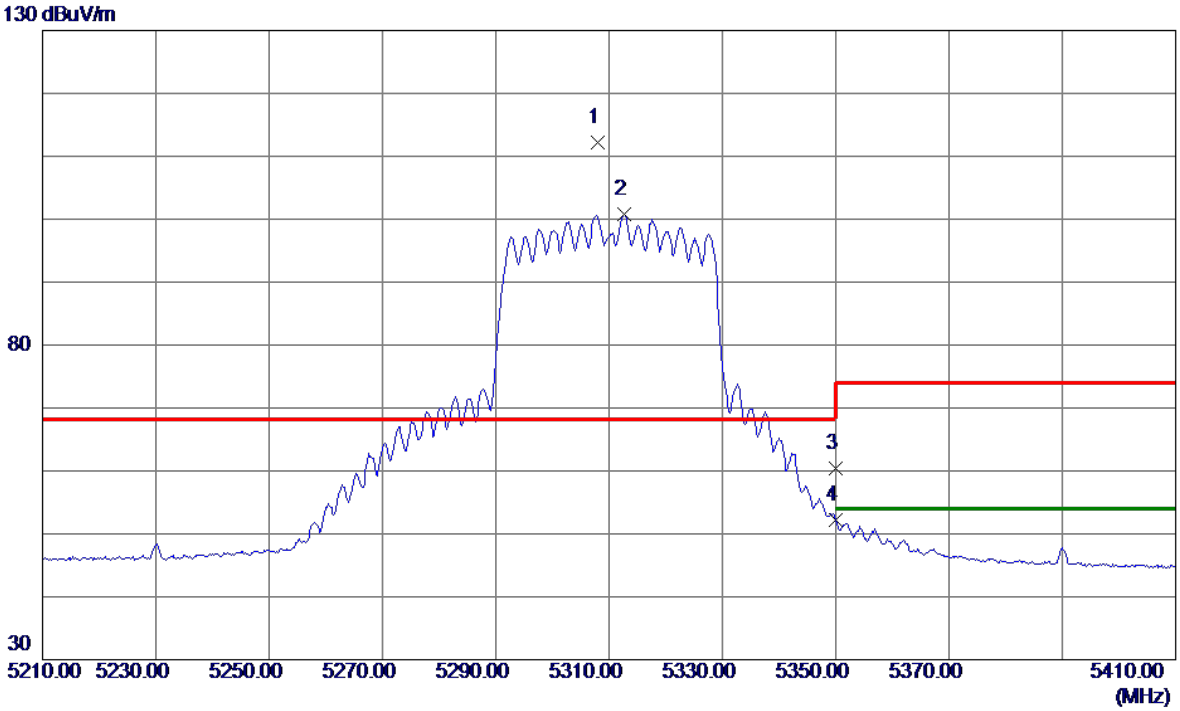
Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15811.1500	33.52	11.25	44.77	54.00	-9.23	AVG	
2	15816.6500	41.55	11.25	52.80	74.00	-21.20	Peak	

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

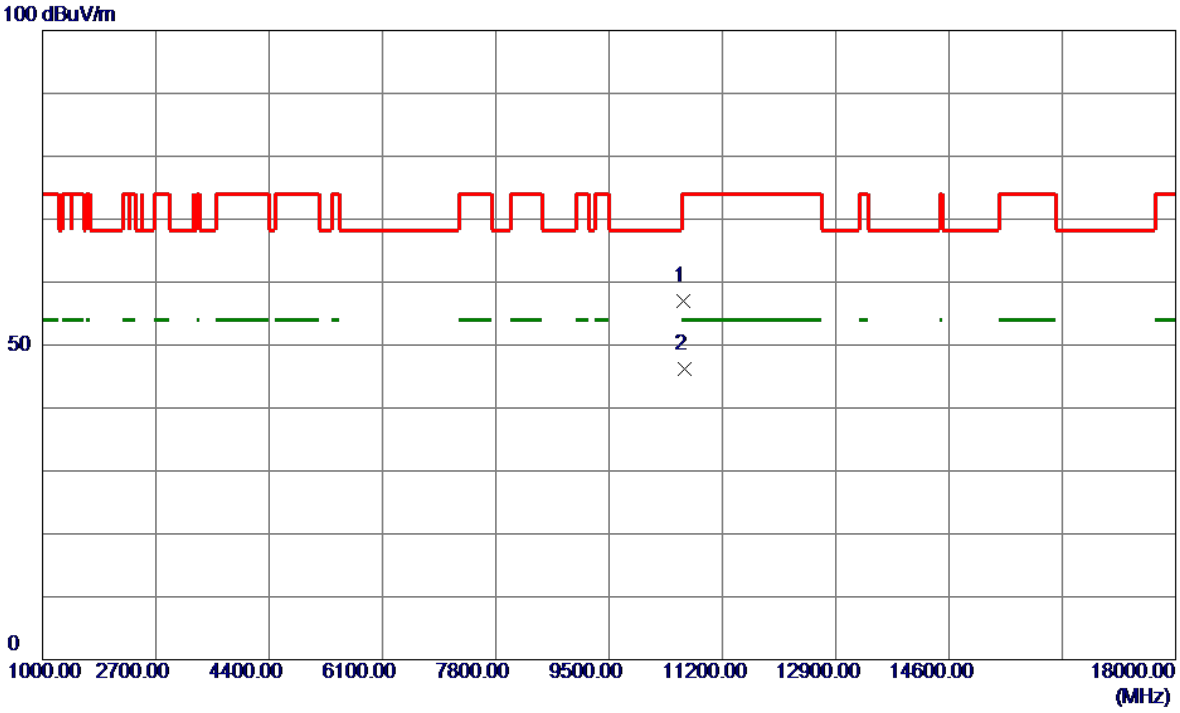
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5308.0000	98.38	13.83	112.21	68.20	44.01	Peak	No Limit
2	5312.6000	86.96	13.83	100.79	999.00	-898.21	AVG	No Limit
3	5350.0000	46.63	13.84	60.47	74.00	-13.53	Peak	
4	5350.0000	38.28	13.84	52.12	54.00	-1.88	AVG	

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

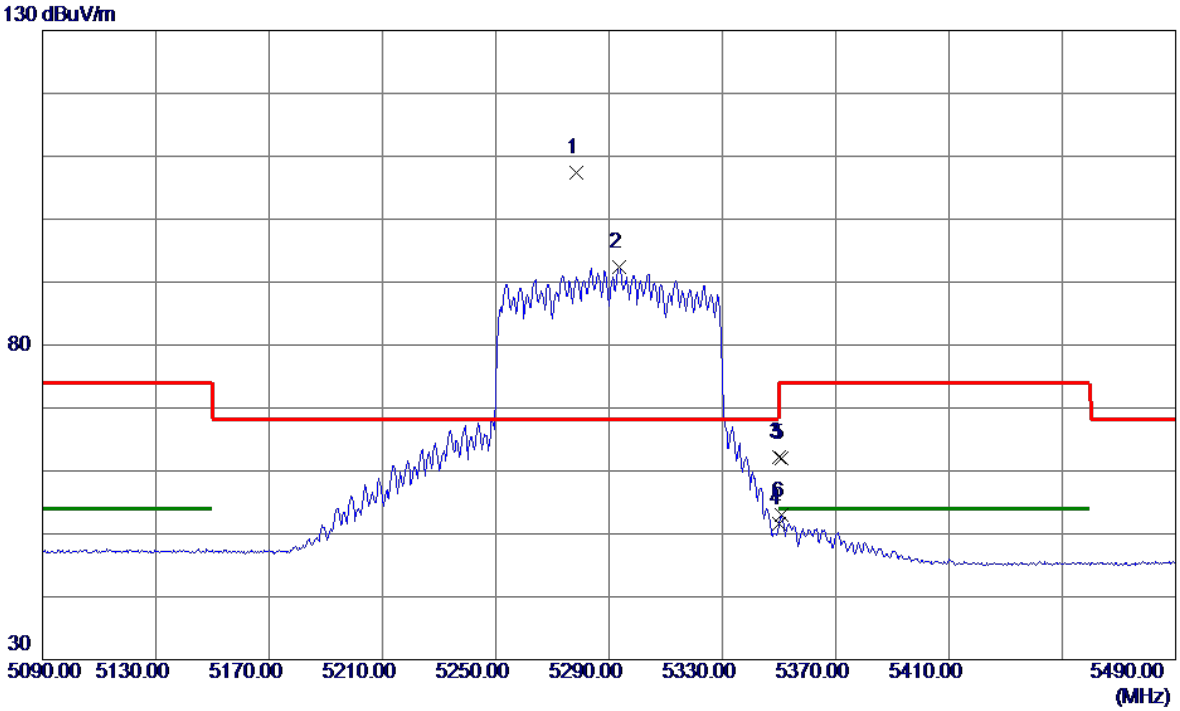
Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10619.6500	46.98	10.00	56.98	74.00	-17.02	Peak	
2 *	10625.1500	36.29	10.00	46.29	54.00	-7.71	AVG	

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

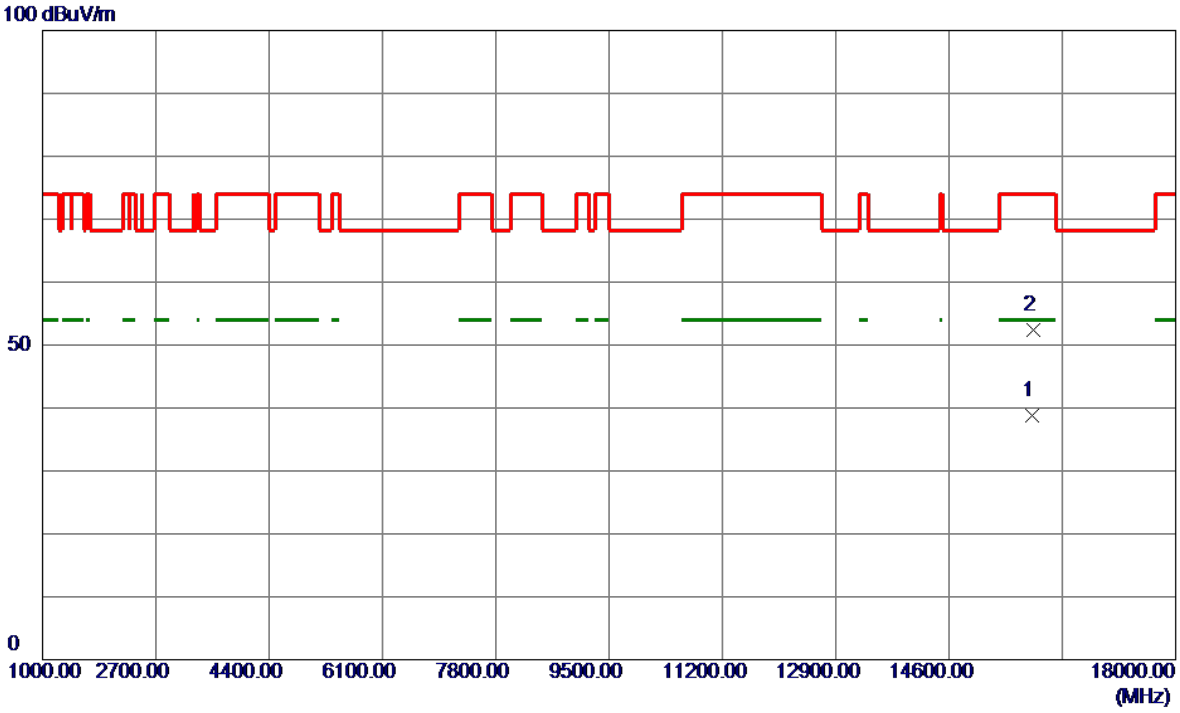
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5278.4000	93.61	13.82	107.43	68.20	39.23	Peak	No Limit
2	5293.6000	78.59	13.82	92.41	999.00	-906.59	AVG	No Limit
3	5350.0000	48.45	13.84	62.29	74.00	-11.71	Peak	
4	5350.0000	37.80	13.84	51.64	54.00	-2.36	AVG	
5	5350.8000	48.15	13.84	61.99	74.00	-12.01	Peak	
6	5350.8000	39.06	13.84	52.90	54.00	-1.10	AVG	

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

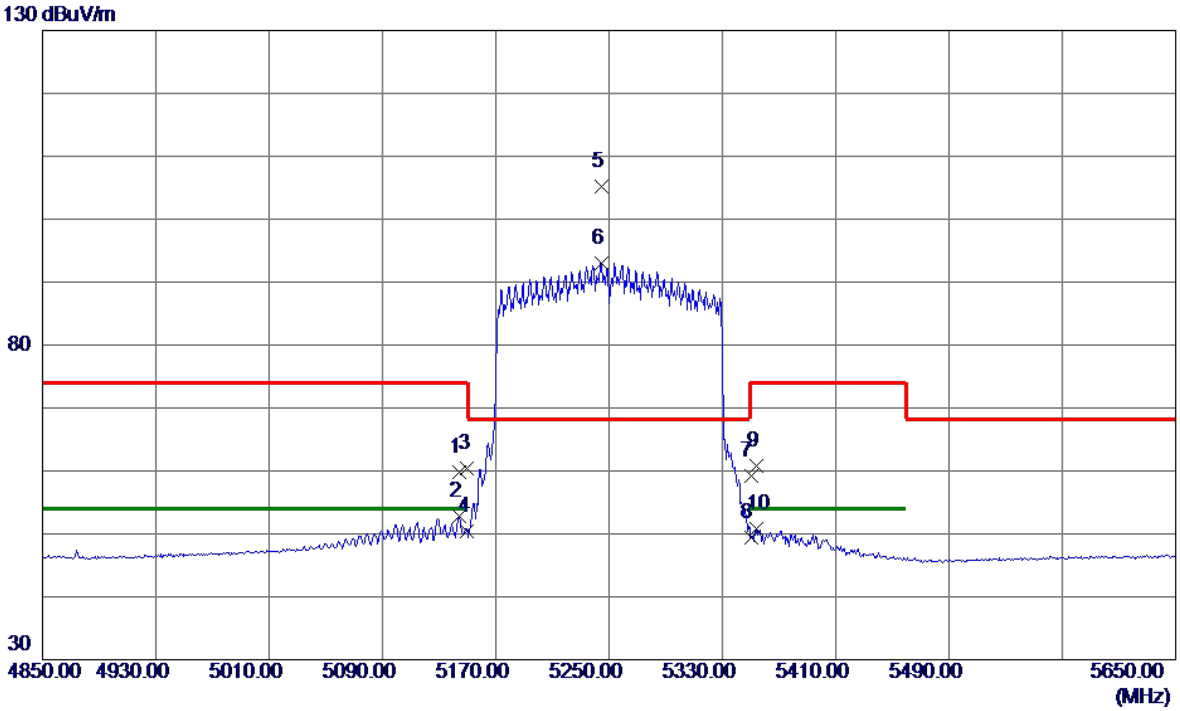
Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15850.8500	27.53	11.28	38.81	54.00	-15.19	AVG	
2	15868.2500	41.04	11.29	52.33	74.00	-21.67	Peak	

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

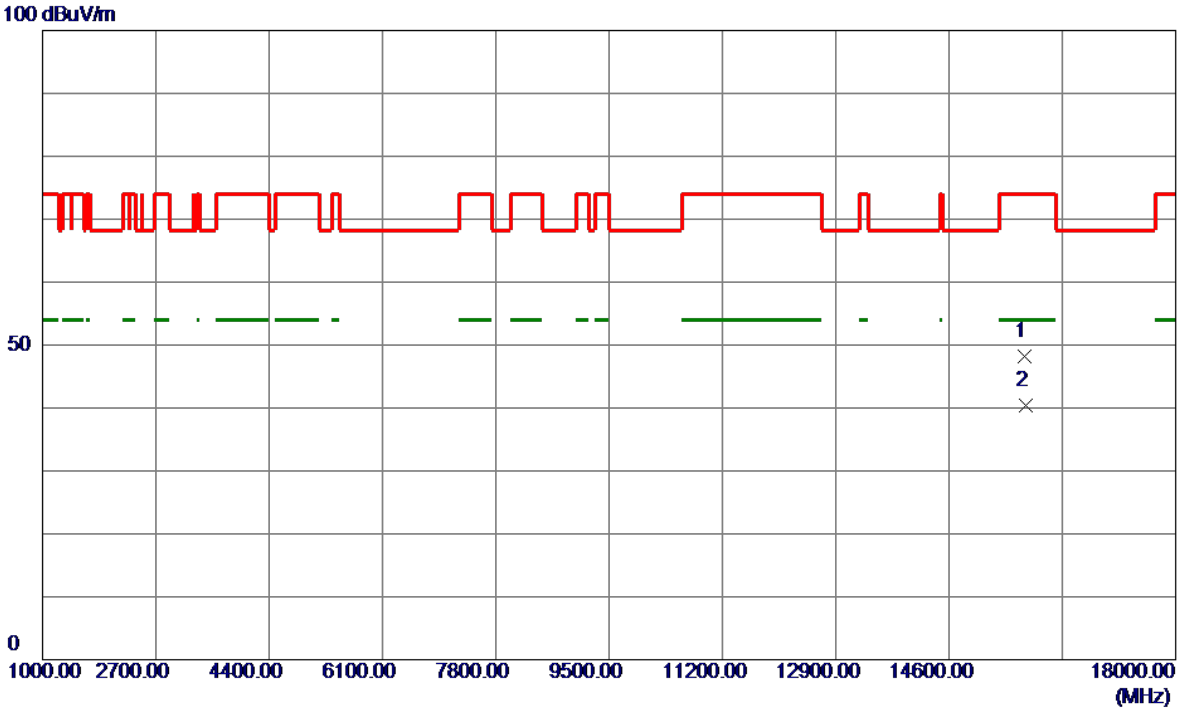
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5144.4000	45.96	13.78	59.74	74.00	-14.26	Peak	
2	5144.4000	39.06	13.78	52.84	54.00	-1.16	AVG	
3	5150.0000	46.65	13.78	60.43	74.00	-13.57	Peak	
4	5150.0000	36.63	13.78	50.41	54.00	-3.59	AVG	
5 *	5244.4000	91.47	13.81	105.28	68.20	37.08	Peak	No Limit
6	5244.4000	79.26	13.81	93.07	999.00	-905.93	AVG	No Limit
7	5350.0000	45.31	13.84	59.15	74.00	-14.85	Peak	
8	5350.0000	35.47	13.84	49.31	54.00	-4.69	AVG	
9	5354.0000	46.90	13.84	60.74	74.00	-13.26	Peak	
10	5354.0000	37.00	13.84	50.84	54.00	-3.16	AVG	

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

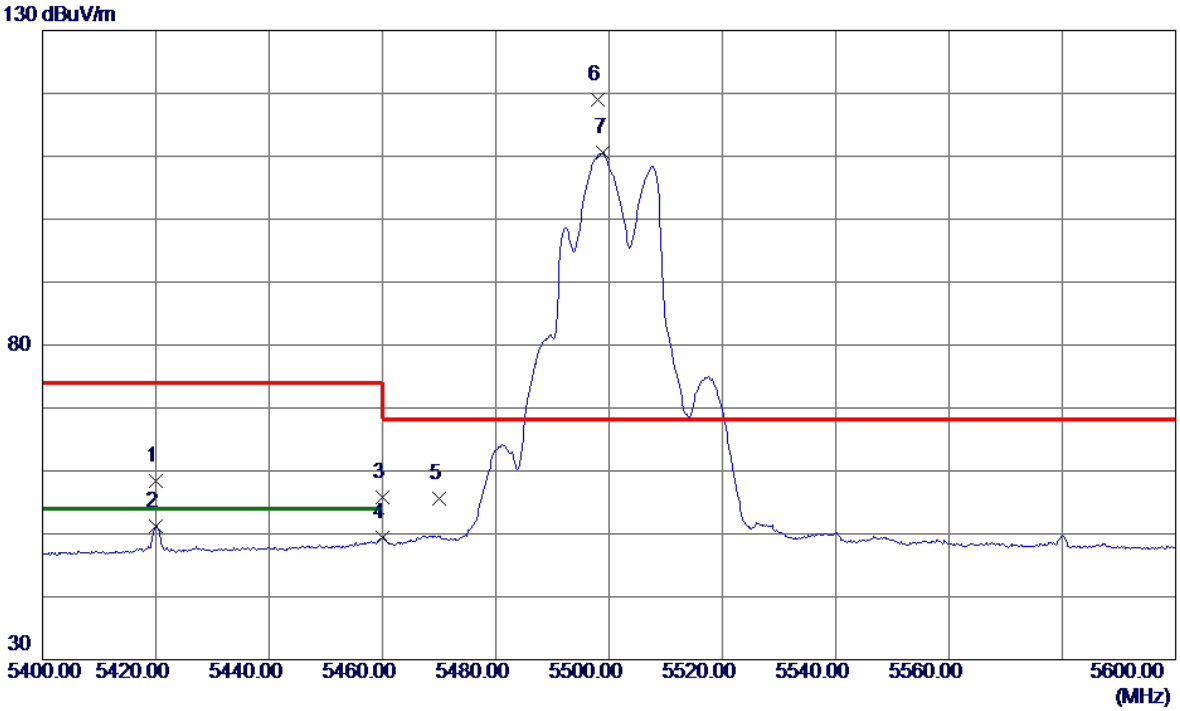
Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15726.5000	36.93	11.18	48.11	74.00	-25.89	Peak	
2 *	15759.9500	29.21	11.21	40.42	54.00	-13.58	AVG	

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

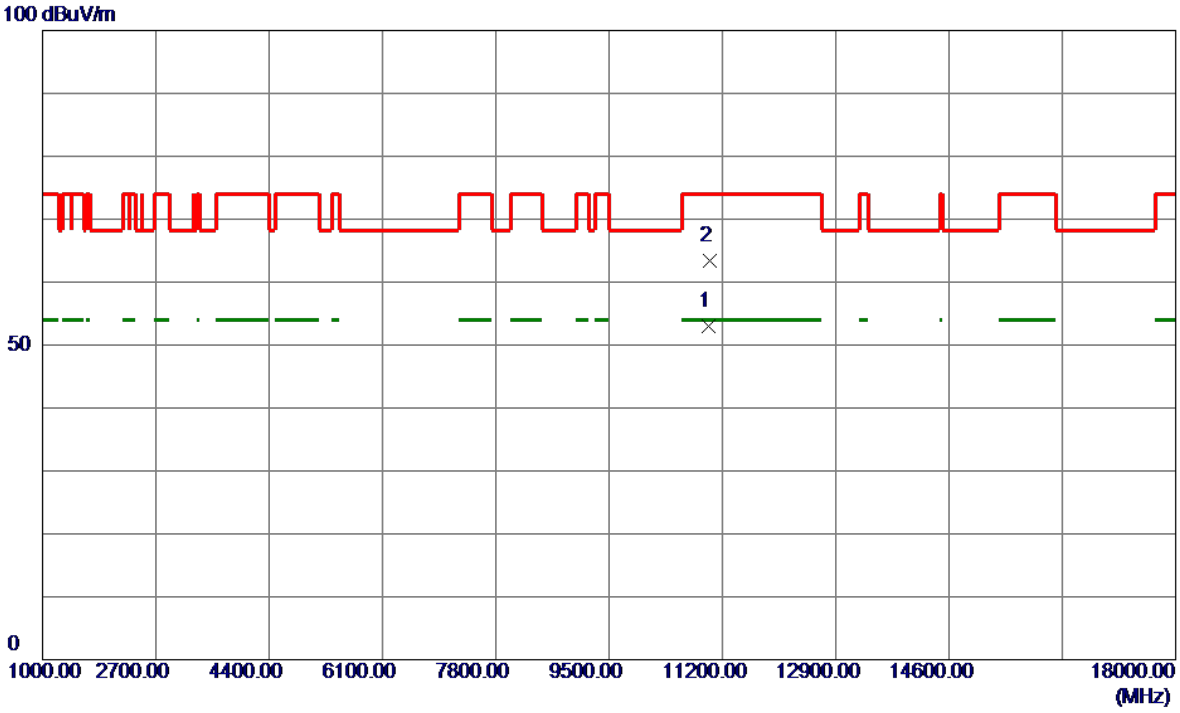
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5420.0000	44.47	13.86	58.33	74.00	-15.67	Peak	
2	5420.0000	37.43	13.86	51.29	54.00	-2.71	AVG	
3	5460.0000	41.92	13.87	55.79	74.00	-18.21	Peak	
4	5460.0000	35.51	13.87	49.38	54.00	-4.62	AVG	
5	5470.0000	41.68	13.87	55.55	68.20	-12.65	Peak	
6 *	5498.0000	105.04	13.88	118.92	68.20	50.72	Peak	No Limit
7	5499.0000	96.76	13.88	110.64	999.00	-888.36	AVG	No Limit

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

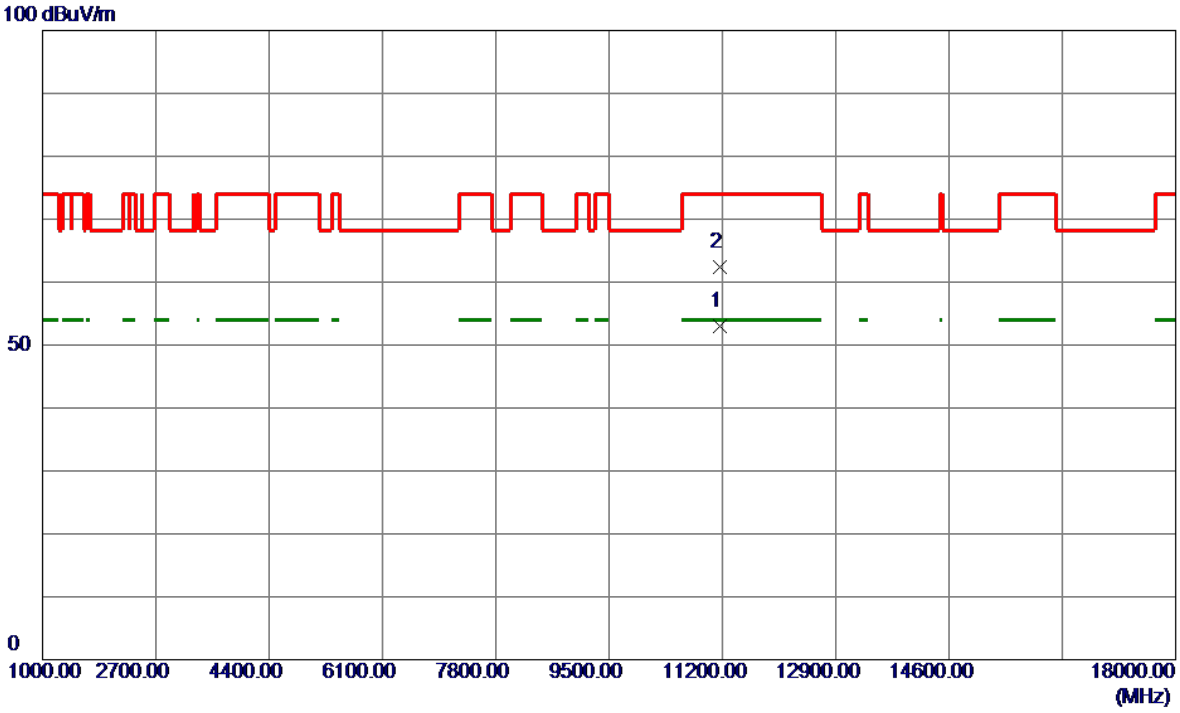
Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11000.5599	42.85	10.13	52.98	54.00	-1.02	AVG	
2	11001.7200	53.18	10.13	63.31	74.00	-10.69	Peak	

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

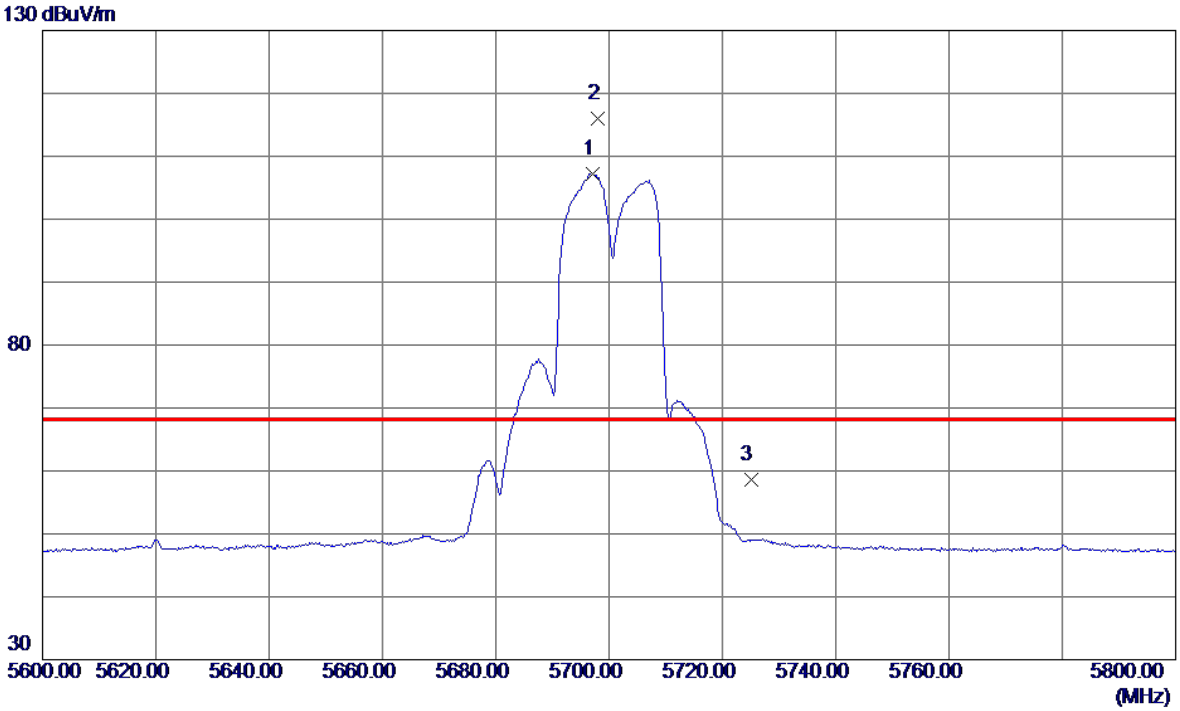
Test Mode	UNII-2C_TX A Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11161.0400	42.69	10.34	53.03	54.00	-0.97	AVG	
2	11161.9600	52.15	10.34	62.49	74.00	-11.51	Peak	

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

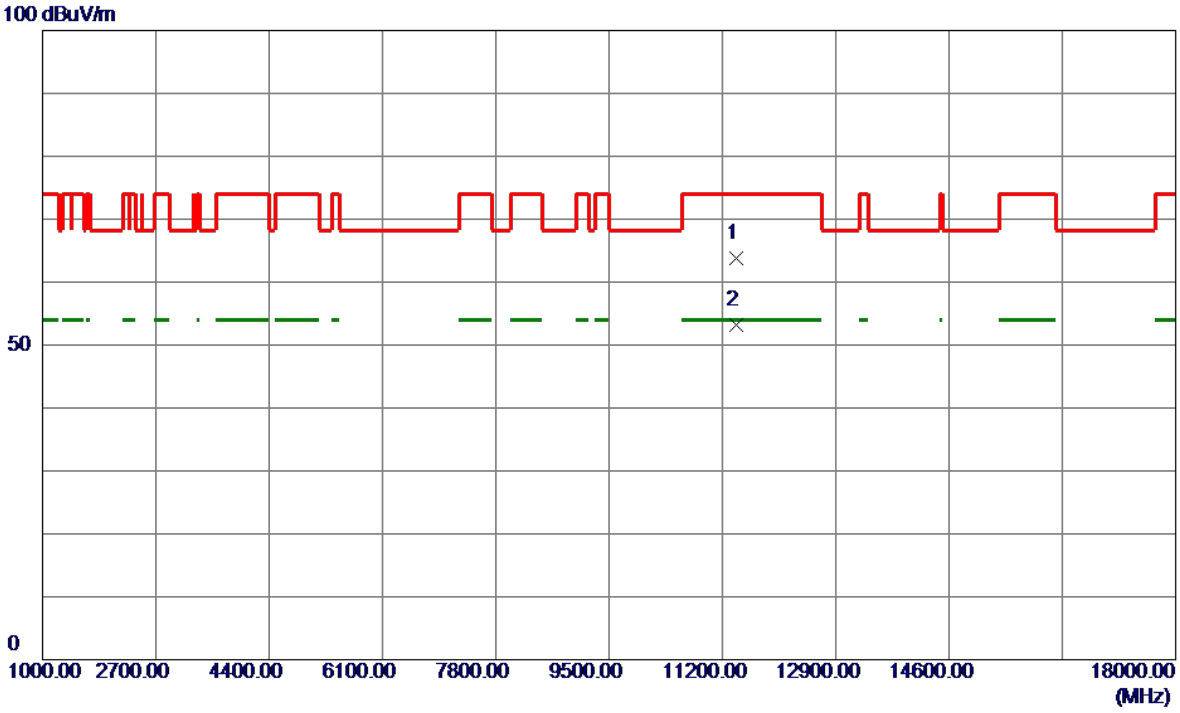
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5697.2000	92.97	14.27	107.24	999.00	-891.76	AVG	No Limit
2 *	5698.0000	101.76	14.28	116.04	68.20	47.84	Peak	No Limit
3	5725.0000	44.30	14.33	58.63	68.20	-9.57	Peak	

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

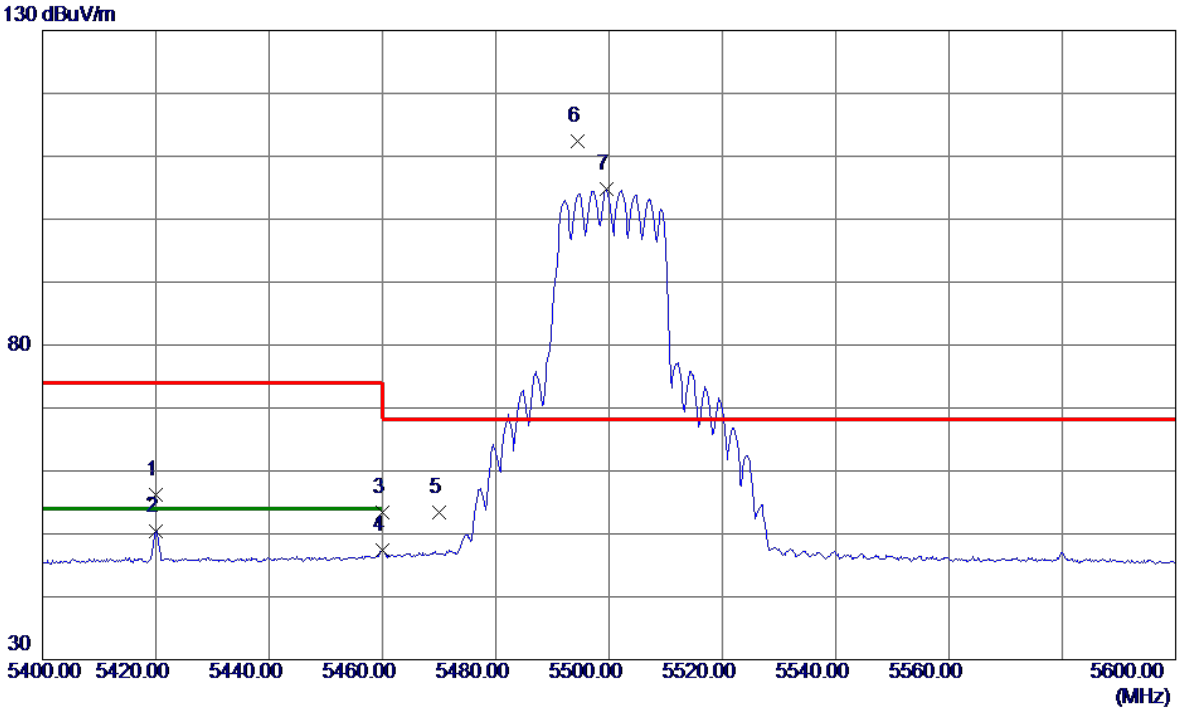
Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11400.8400	53.10	10.65	63.75	74.00	-10.25	Peak	
2 *	11400.9200	42.48	10.65	53.13	54.00	-0.87	AVG	

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

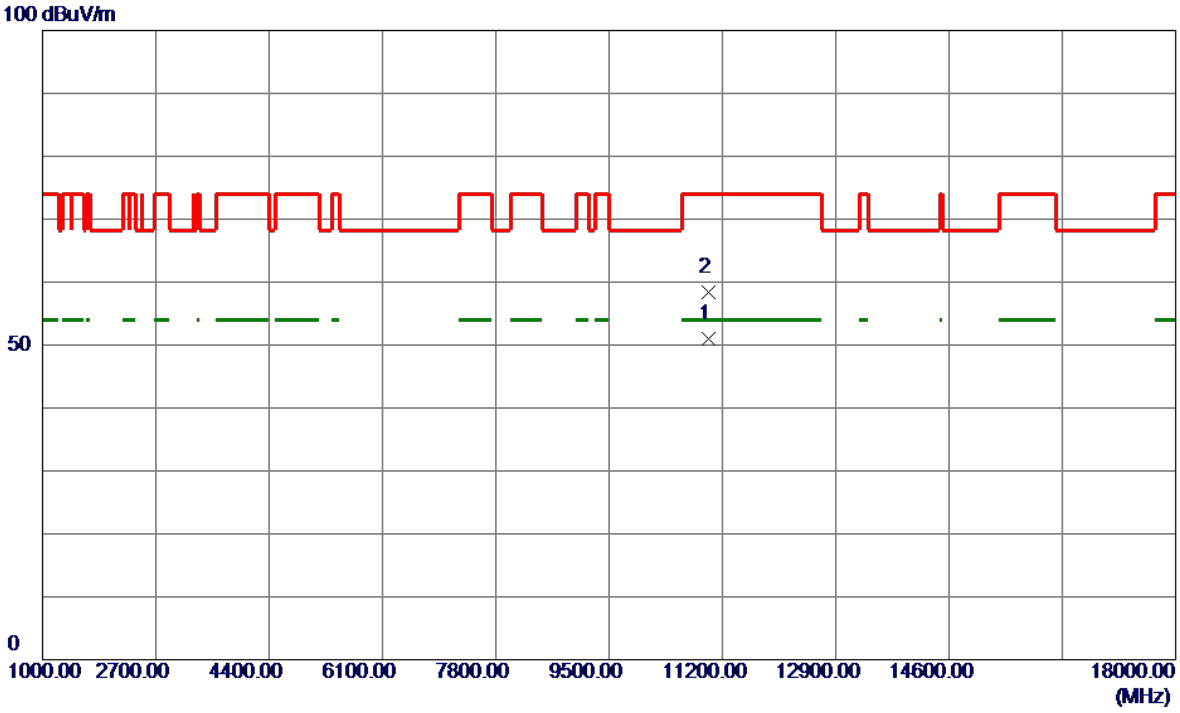
Test Mode	UNII-2C_TX AX(HE20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5420.0000	42.29	13.86	56.15	74.00	-17.85	Peak	
2	5420.0000	36.52	13.86	50.38	54.00	-3.62	AVG	
3	5460.0000	39.48	13.87	53.35	74.00	-20.65	Peak	
4	5460.0000	33.59	13.87	47.46	54.00	-6.54	AVG	
5	5470.0000	39.53	13.87	53.40	68.20	-14.80	Peak	
6 *	5494.4000	98.60	13.88	112.48	68.20	44.28	Peak	No Limit
7	5499.6000	90.86	13.88	104.74	999.00	-894.26	AVG	No Limit

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

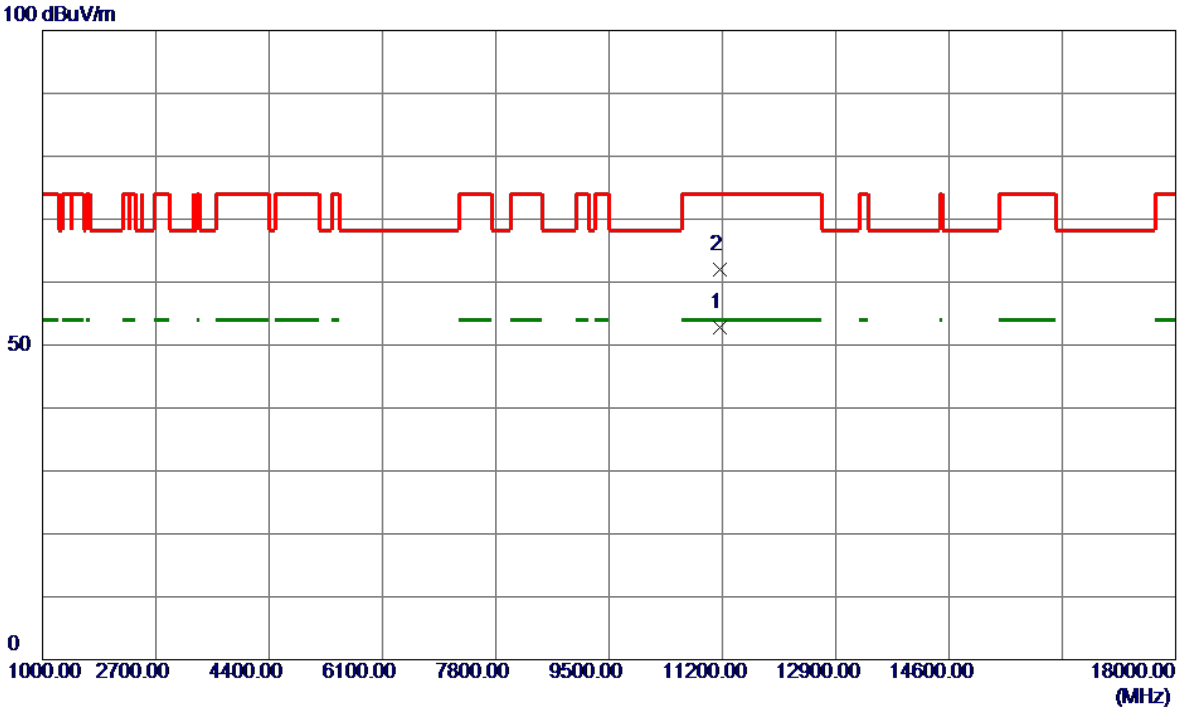
Test Mode	UNII-2C_TX AX(HE20) Mode 5500 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10999.8400	40.95	10.13	51.08	54.00	-2.92	AVG	
2	11000.0800	48.20	10.13	58.33	74.00	-15.67	Peak	

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

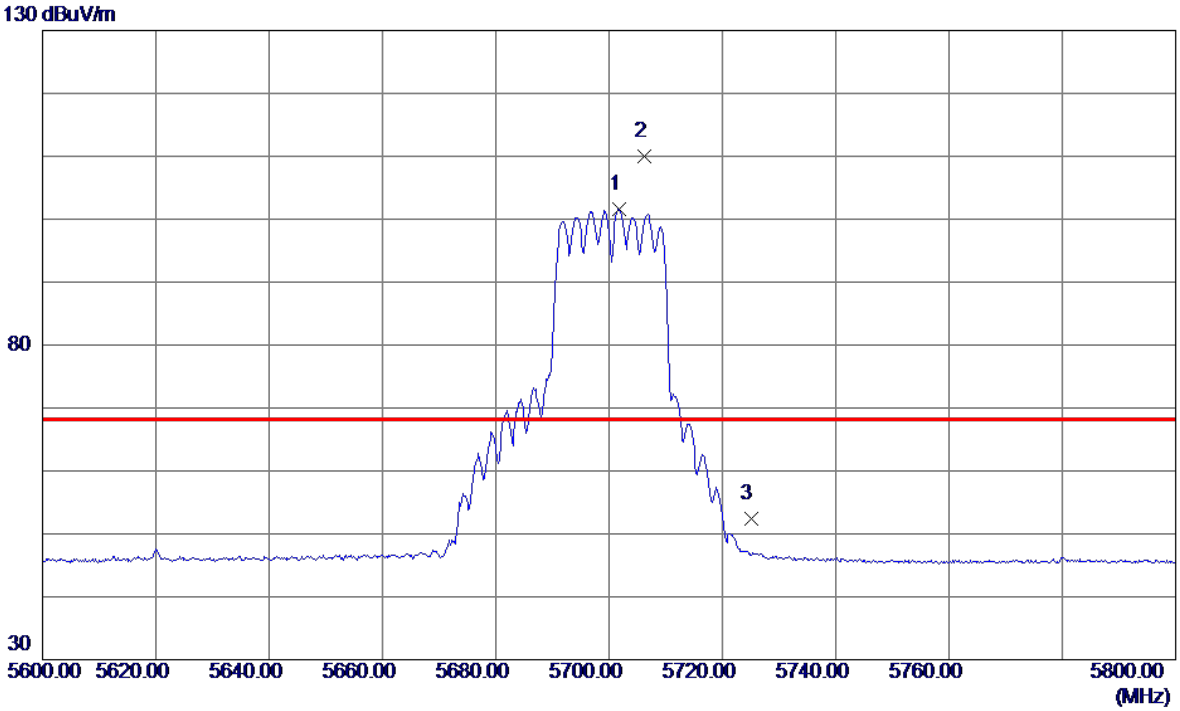
Test Mode	UNII-2C_TX AX(HE20) Mode 5580 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11159.5599	42.48	10.34	52.82	54.00	-1.18	AVG	
2	11160.1200	51.65	10.34	61.99	74.00	-12.01	Peak	

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

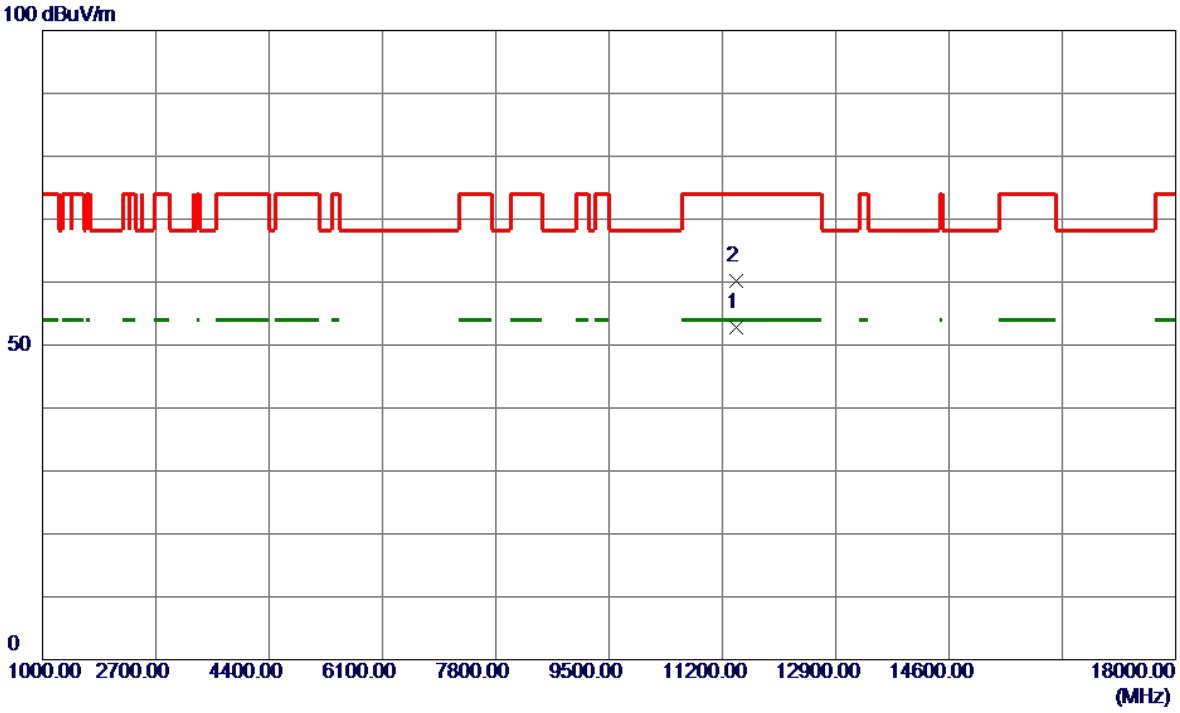
Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5701.8000	87.29	14.28	101.57	999.00	-897.43	AVG	No Limit
2 *	5706.2000	95.63	14.29	109.92	68.20	41.72	Peak	No Limit
3	5725.0000	38.11	14.33	52.44	68.20	-15.76	Peak	

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

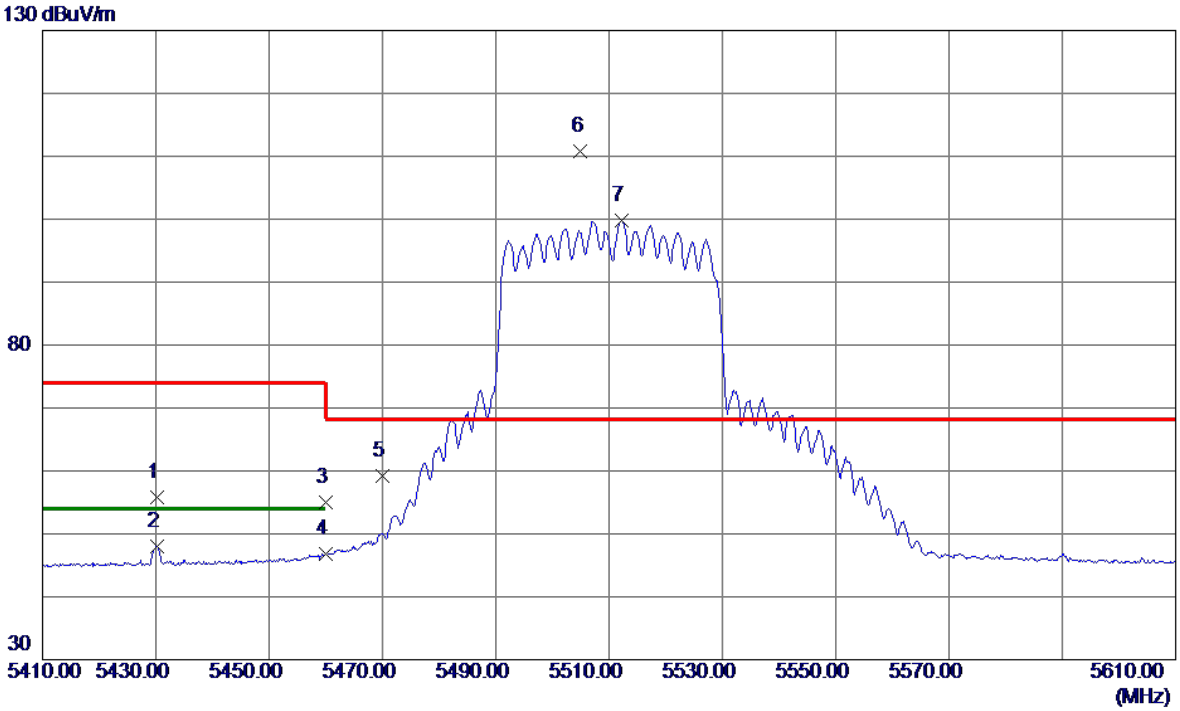
Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11399.2400	42.15	10.65	52.80	54.00	-1.20	AVG	
2	11404.0800	49.61	10.66	60.27	74.00	-13.73	Peak	

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

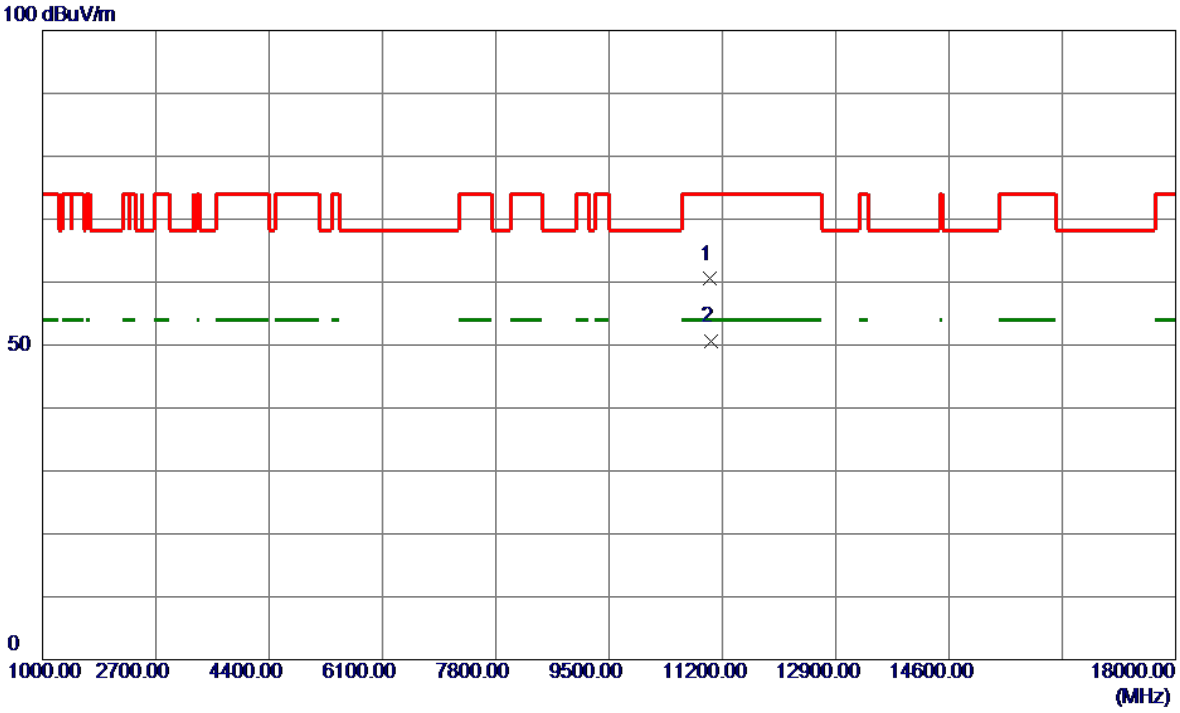
Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5430.2000	42.00	13.86	55.86	74.00	-18.14	Peak	
2	5430.2000	34.21	13.86	48.07	54.00	-5.93	AVG	
3	5460.0000	41.21	13.87	55.08	74.00	-18.92	Peak	
4	5460.0000	32.85	13.87	46.72	54.00	-7.28	AVG	
5	5470.0000	45.27	13.87	59.14	68.20	-9.06	Peak	
6 *	5505.0000	96.85	13.89	110.74	68.20	42.54	Peak	No Limit
7	5512.2000	85.97	13.90	99.87	999.00	-899.13	AVG	No Limit

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

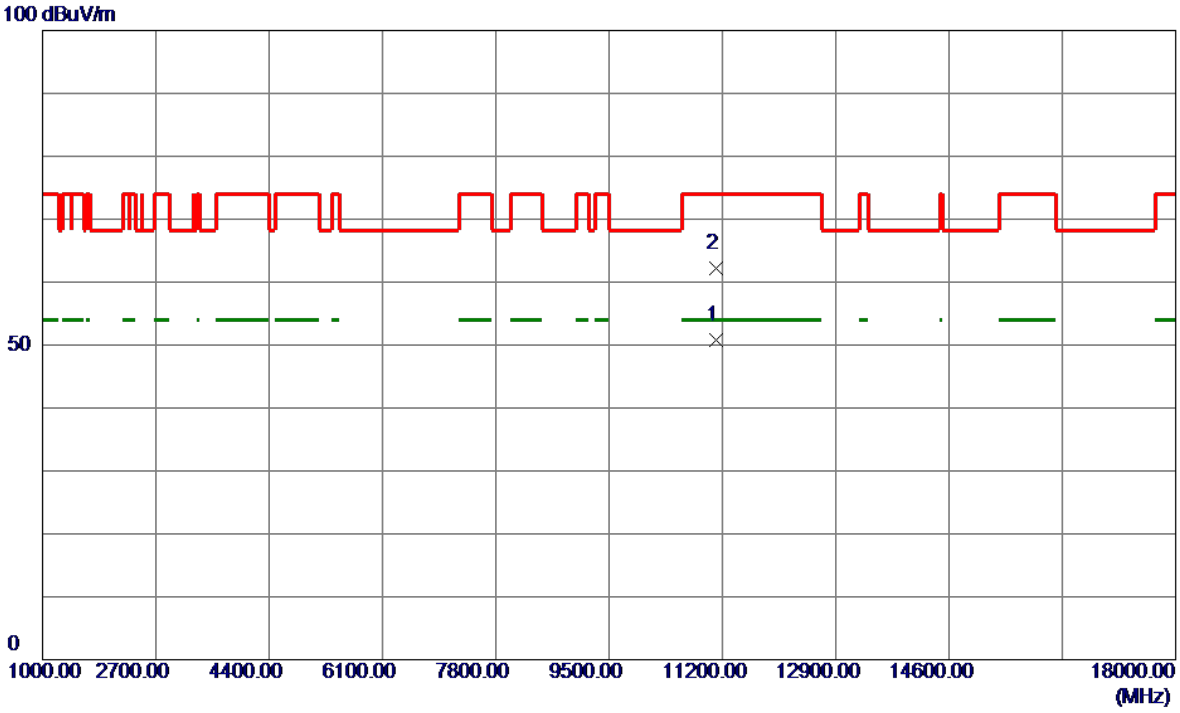
Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11020.0500	50.34	10.16	60.50	74.00	-13.50	Peak	
2 *	11025.3500	40.42	10.16	50.58	54.00	-3.42	AVG	

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

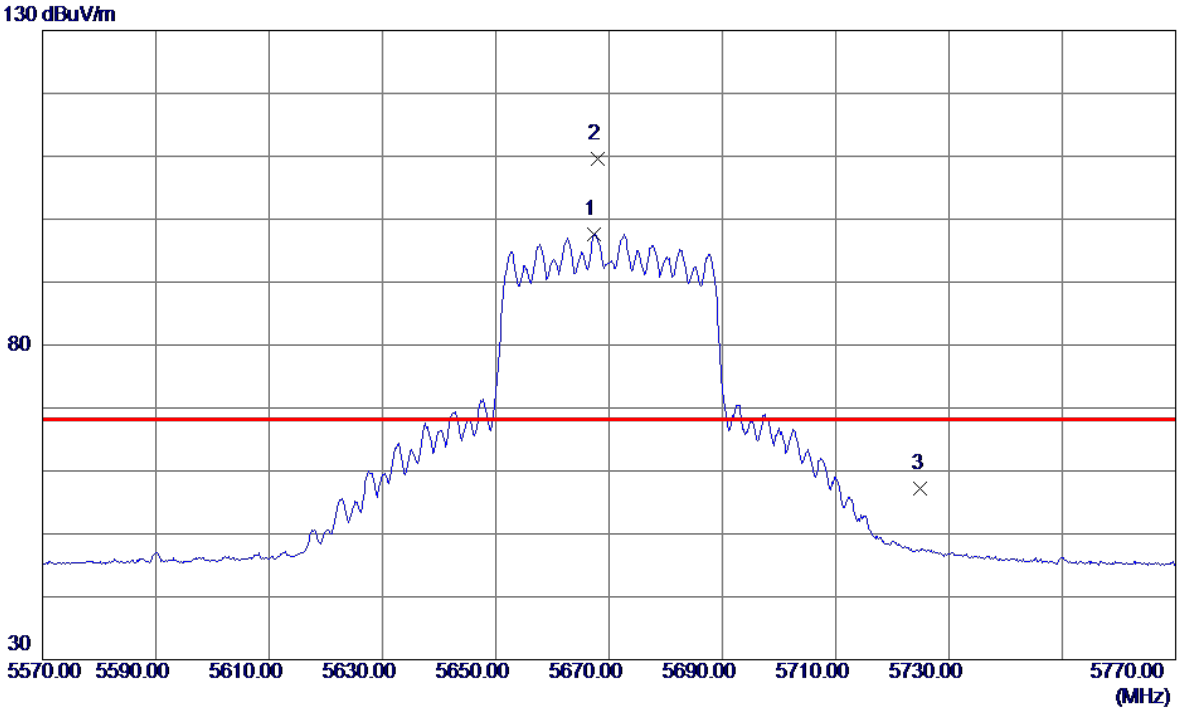
Test Mode	UNII-2C_TX AX(HE40) Mode 5550 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11100.9000	40.54	10.26	50.80	54.00	-3.20	AVG	
2	11101.1500	51.90	10.26	62.16	74.00	-11.84	Peak	

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

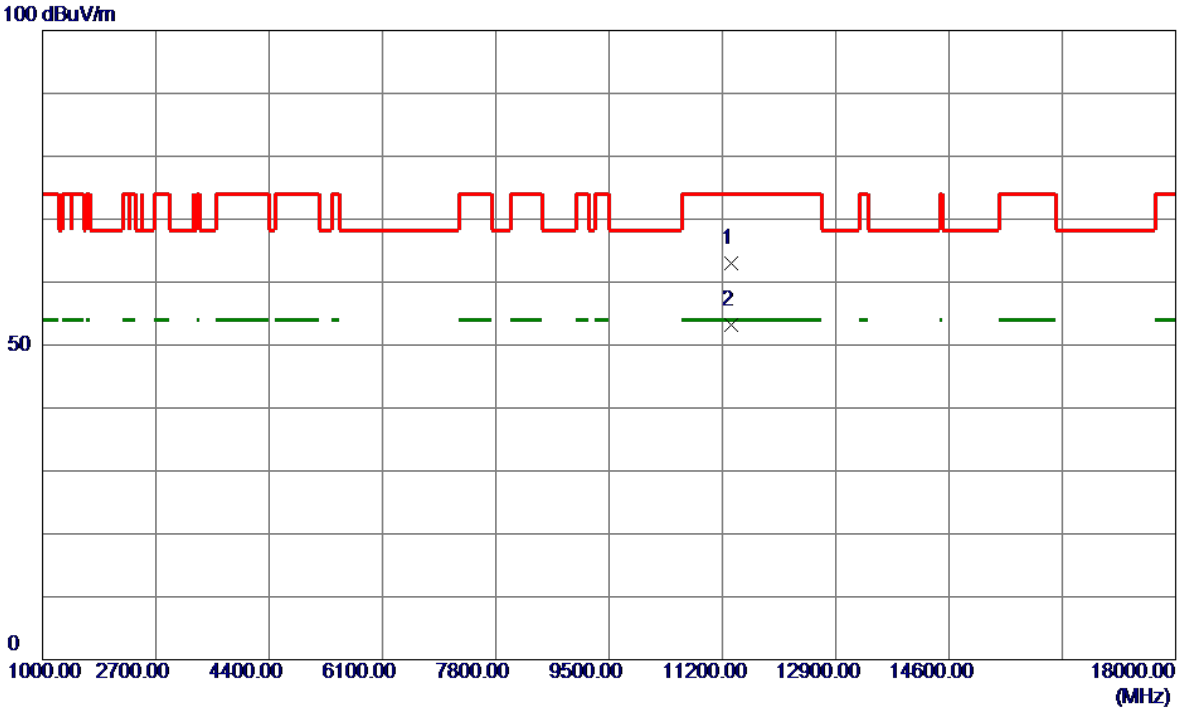
Test Mode	UNII-2C_TX AX(HE40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5667.4000	83.41	14.21	97.62	999.00	-901.38	AVG	No Limit
2 *	5668.0000	95.39	14.22	109.61	68.20	41.41	Peak	No Limit
3	5725.0000	42.80	14.33	57.13	68.20	-11.07	Peak	

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

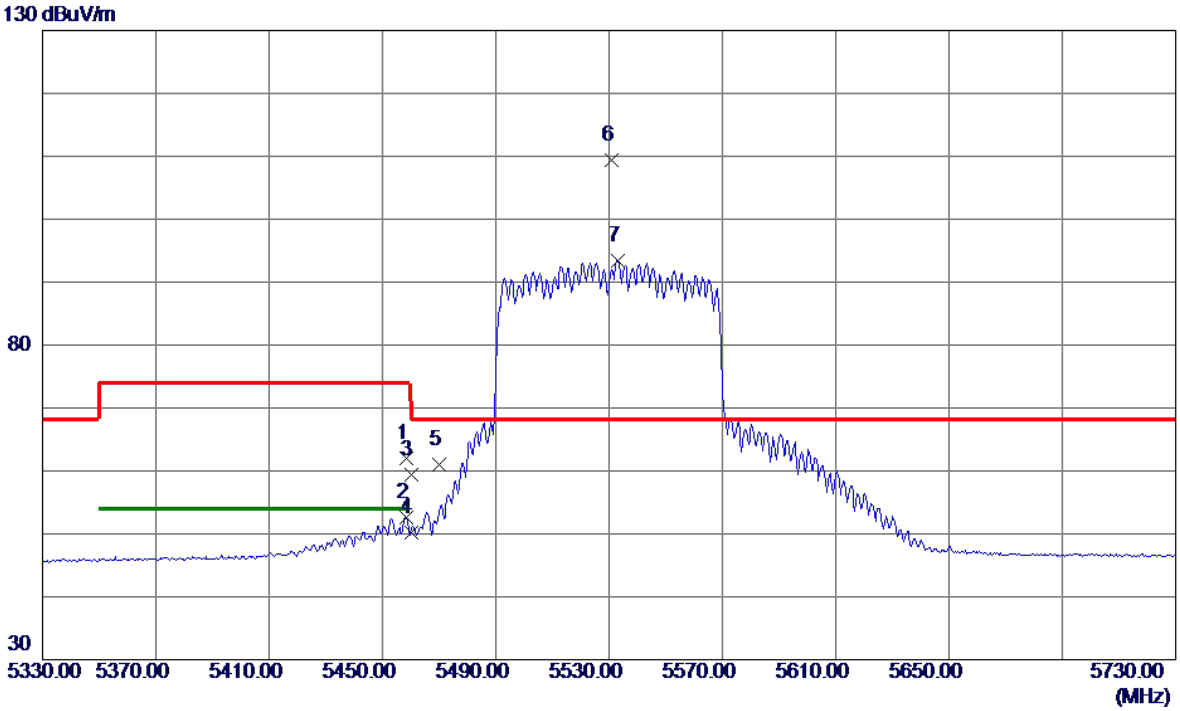
Test Mode	UNII-2C_TX AX(HE40) Mode 5670 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11331.2500	52.47	10.56	63.03	74.00	-10.97	Peak	
2 *	11336.7000	42.68	10.57	53.25	54.00	-0.75	AVG	

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

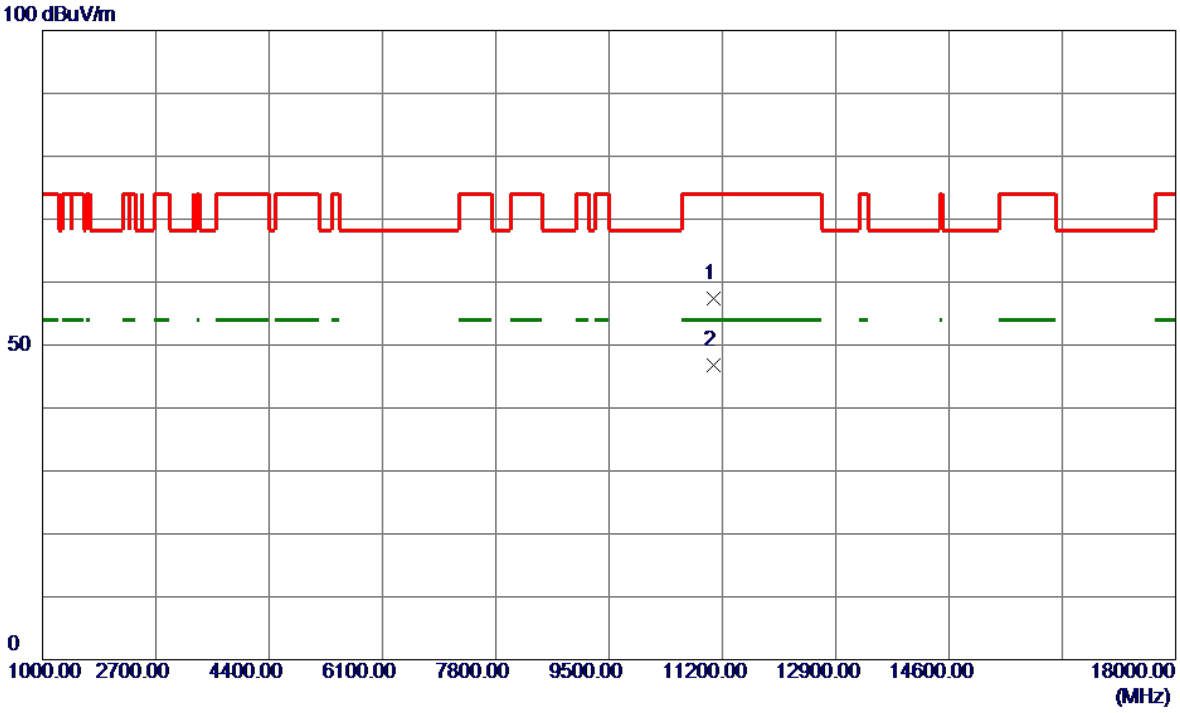
Test Mode	UNII-2C_TX AX(HE80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5458.4000	48.12	13.87	61.99	74.00	-12.01	Peak	
2	5458.4000	38.78	13.87	52.65	54.00	-1.35	AVG	
3	5460.0000	45.50	13.87	59.37	74.00	-14.63	Peak	
4	5460.0000	36.31	13.87	50.18	54.00	-3.82	AVG	
5	5470.0000	47.14	13.87	61.01	68.20	-7.19	Peak	
6 *	5530.8000	95.49	13.94	109.43	68.20	41.23	Peak	No Limit
7	5533.2000	79.53	13.95	93.48	999.00	-905.52	AVG	No Limit

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

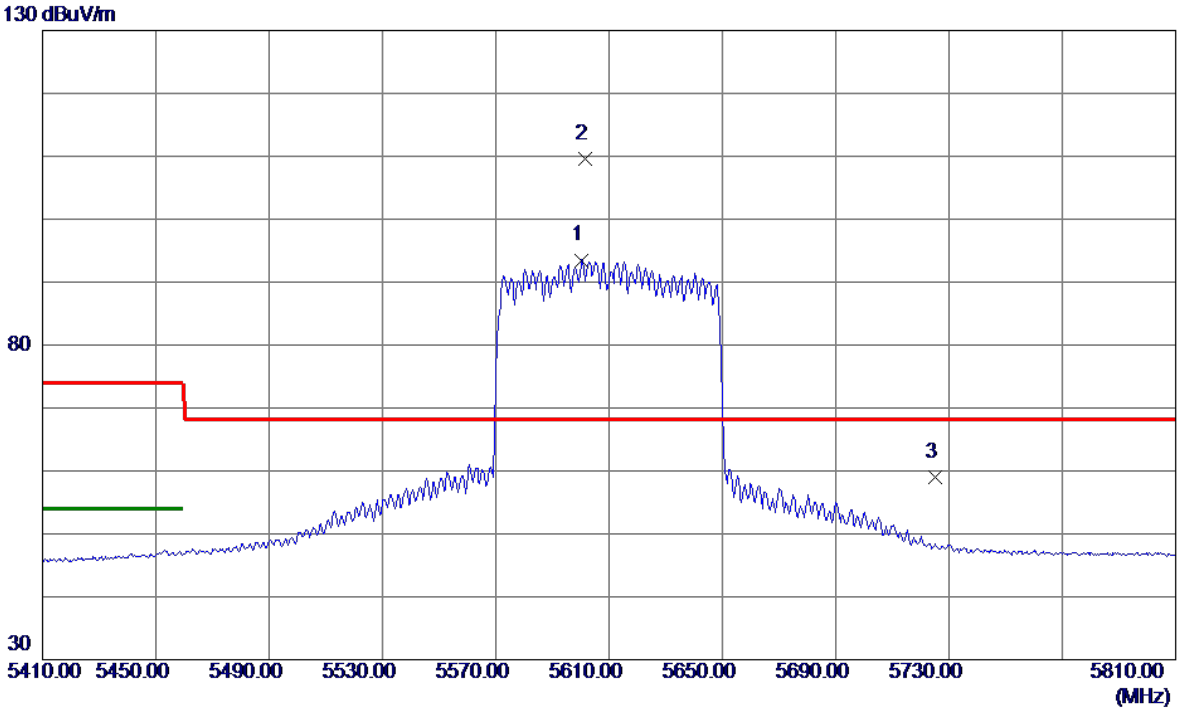
Test Mode	UNII-2C_TX AX(HE80) Mode 5530 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11062.2000	47.27	10.21	57.48	74.00	-16.52	Peak	
2 *	11068.2000	36.60	10.22	46.82	54.00	-7.18	AVG	

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

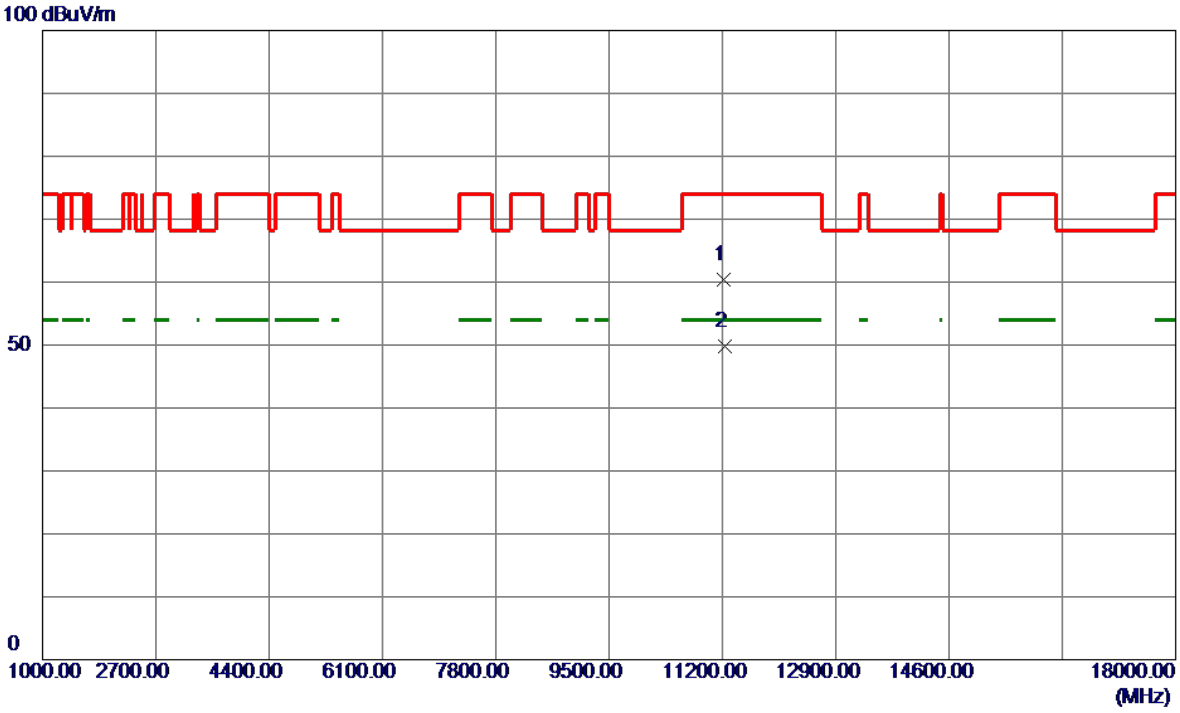
Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5600.4000	79.42	14.08	93.50	999.00	-905.50	AVG	No Limit
2 *	5601.6000	95.50	14.08	109.58	68.20	41.38	Peak	No Limit
3	5725.0000	44.59	14.33	58.92	68.20	-9.28	Peak	

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

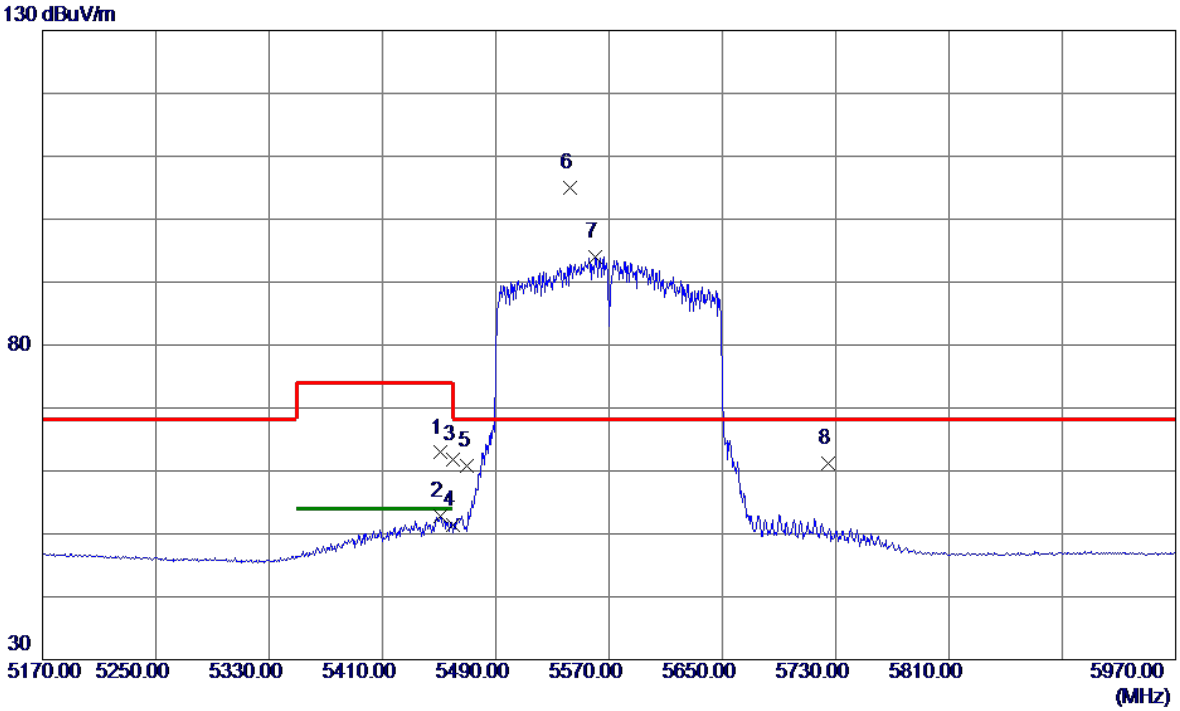
Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11222.5000	49.89	10.42	60.31	74.00	-13.69	Peak	
2 *	11228.7000	39.41	10.43	49.84	54.00	-4.16	AVG	

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

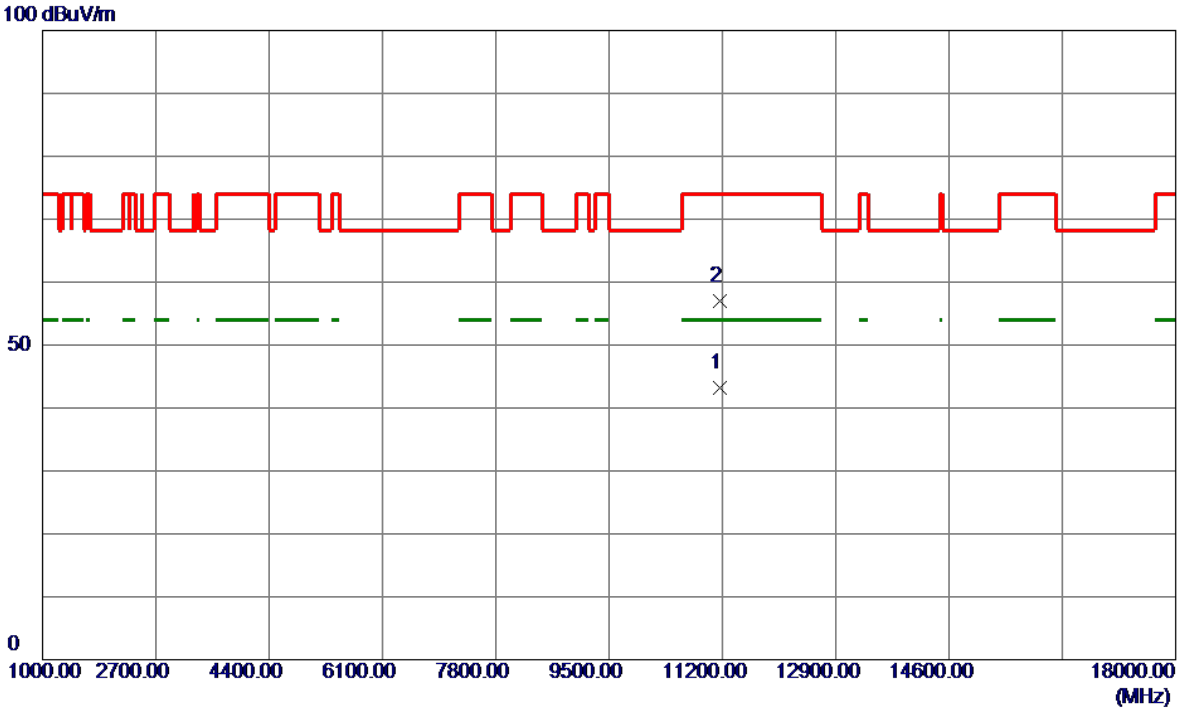
Test Mode	UNII-2C_TX AX(HE160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5450.8000	49.03	13.87	62.90	74.00	-11.10	Peak	
2	5450.8000	38.87	13.87	52.74	54.00	-1.26	AVG	
3	5460.0000	47.88	13.87	61.75	74.00	-12.25	Peak	
4	5460.0000	37.58	13.87	51.45	54.00	-2.55	AVG	
5	5470.0000	46.94	13.87	60.81	68.20	-7.39	Peak	
6 *	5542.8000	91.08	13.97	105.05	68.20	36.85	Peak	No Limit
7	5560.4000	80.00	14.00	94.00	999.00	-905.00	AVG	No Limit
8	5725.0000	46.88	14.33	61.21	68.20	-6.99	Peak	

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

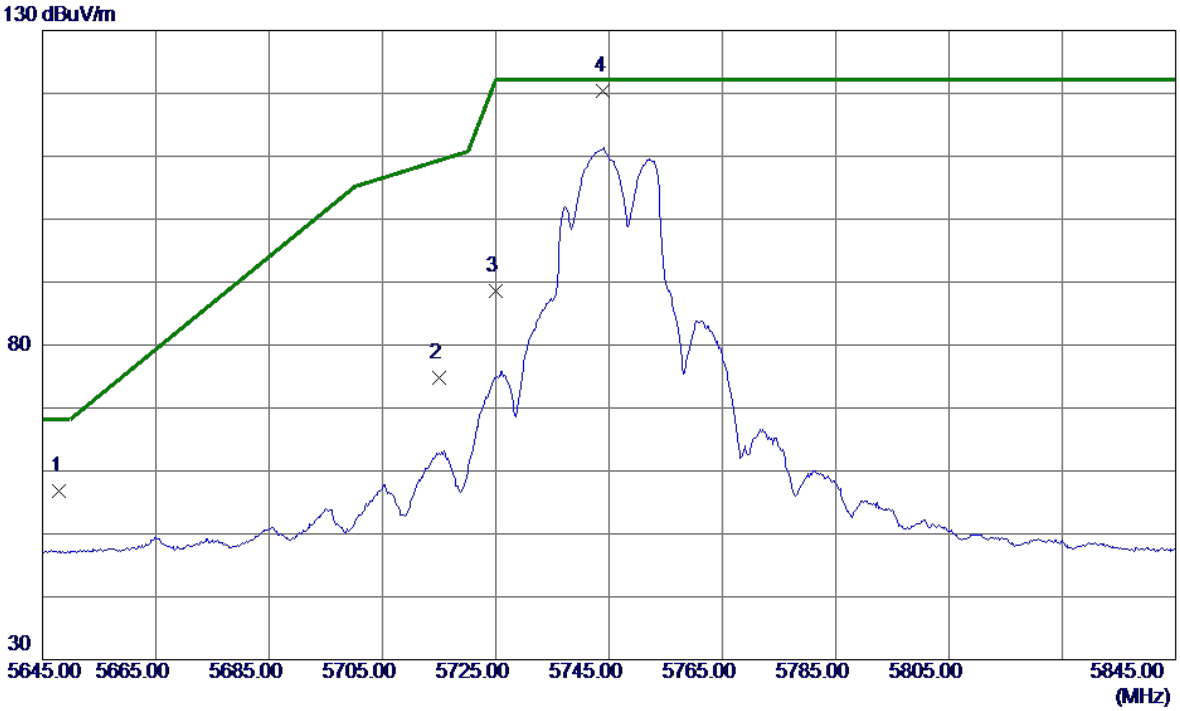
Test Mode	UNII-2C_TX AX(HE160) Mode 5570 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11154.5500	32.84	10.33	43.17	54.00	-10.83	AVG	
2	11159.1500	46.68	10.34	57.02	74.00	-16.98	Peak	

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

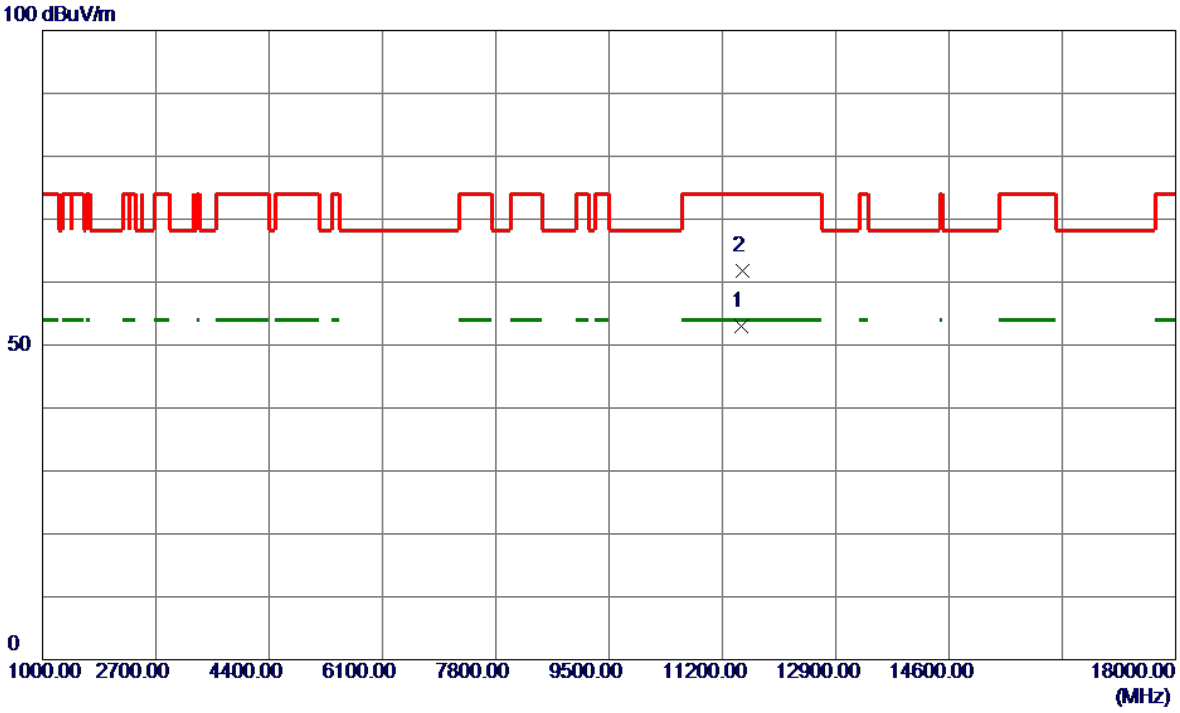
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5648.0000	42.56	14.18	56.74	68.20	-11.46	Peak	
2	5715.0000	60.47	14.31	74.78	109.40	-34.62	Peak	
3	5725.0000	74.24	14.33	88.57	122.20	-33.63	Peak	
4 *	5744.0000	105.99	14.37	120.36	122.20	-1.84	Peak	No Limit

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

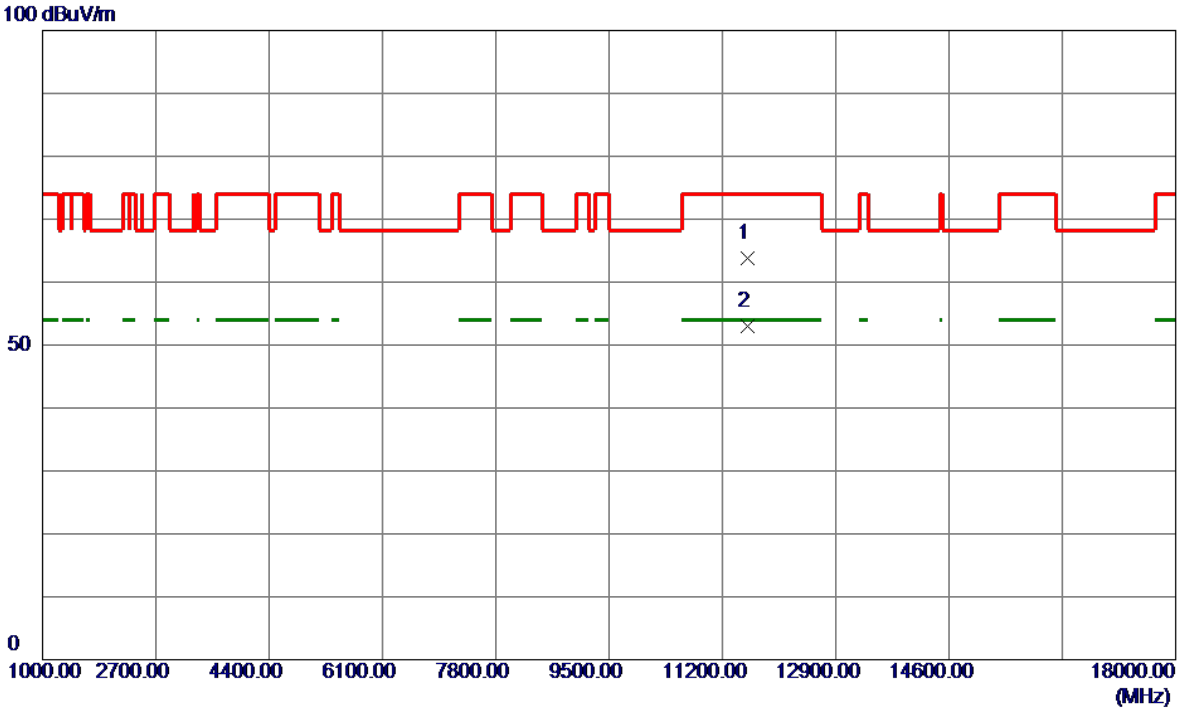
Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11484.7600	42.19	10.76	52.95	54.00	-1.05	AVG	
2	11494.2000	50.96	10.77	61.73	74.00	-12.27	Peak	

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

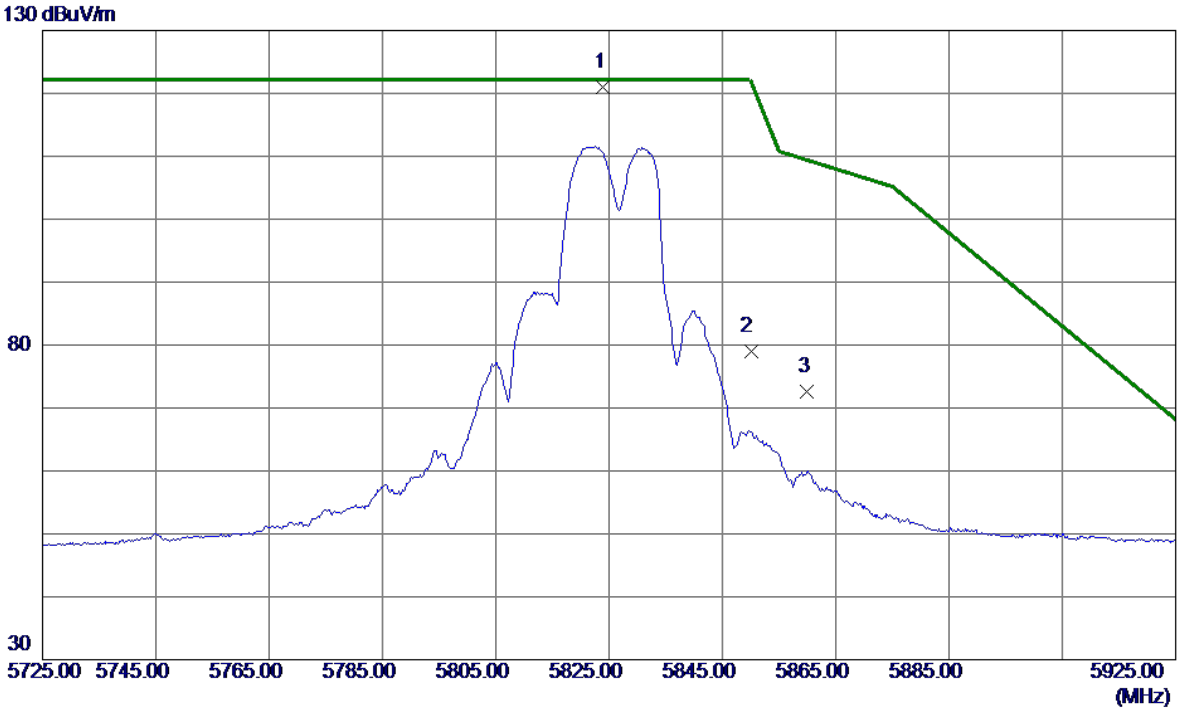
Test Mode	UNII-3_TX A Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.8400	53.02	10.79	63.81	74.00	-10.19	Peak	
2 *	11573.4400	42.24	10.79	53.03	54.00	-0.97	AVG	

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

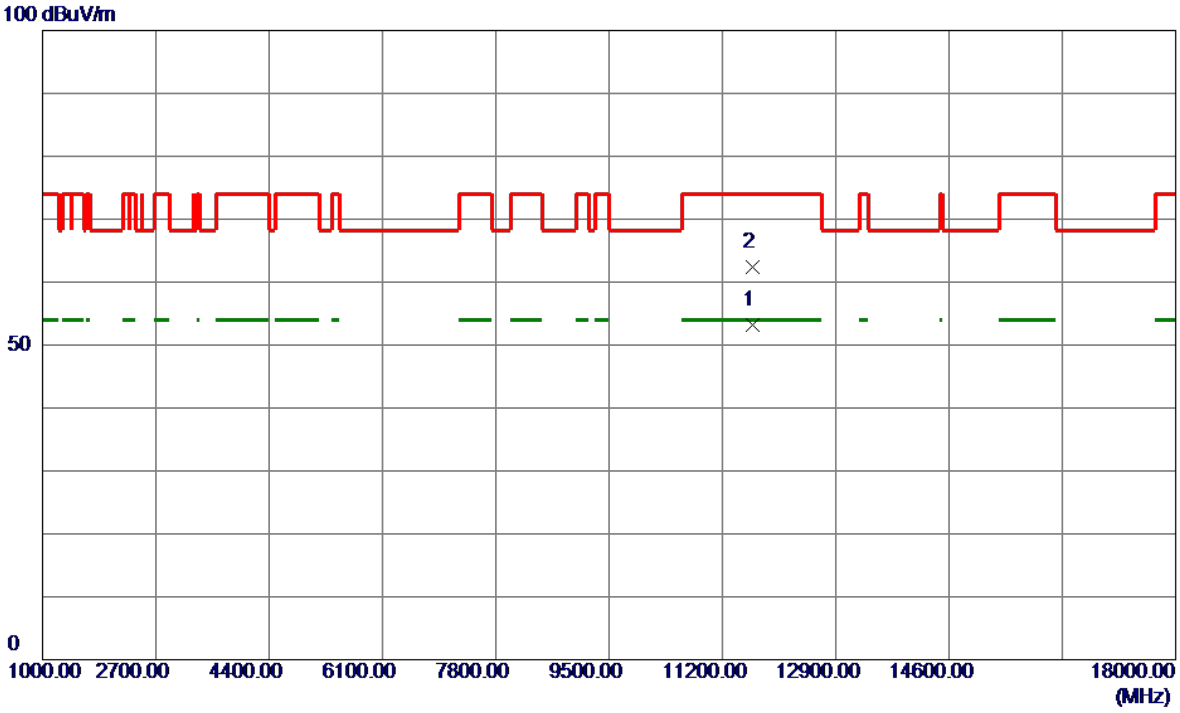
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5824.0000	106.54	14.53	121.07	122.20	-1.13	Peak	No Limit
2	5850.0000	64.46	14.58	79.04	122.20	-43.16	Peak	
3	5860.0000	58.05	14.60	72.65	109.40	-36.75	Peak	

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

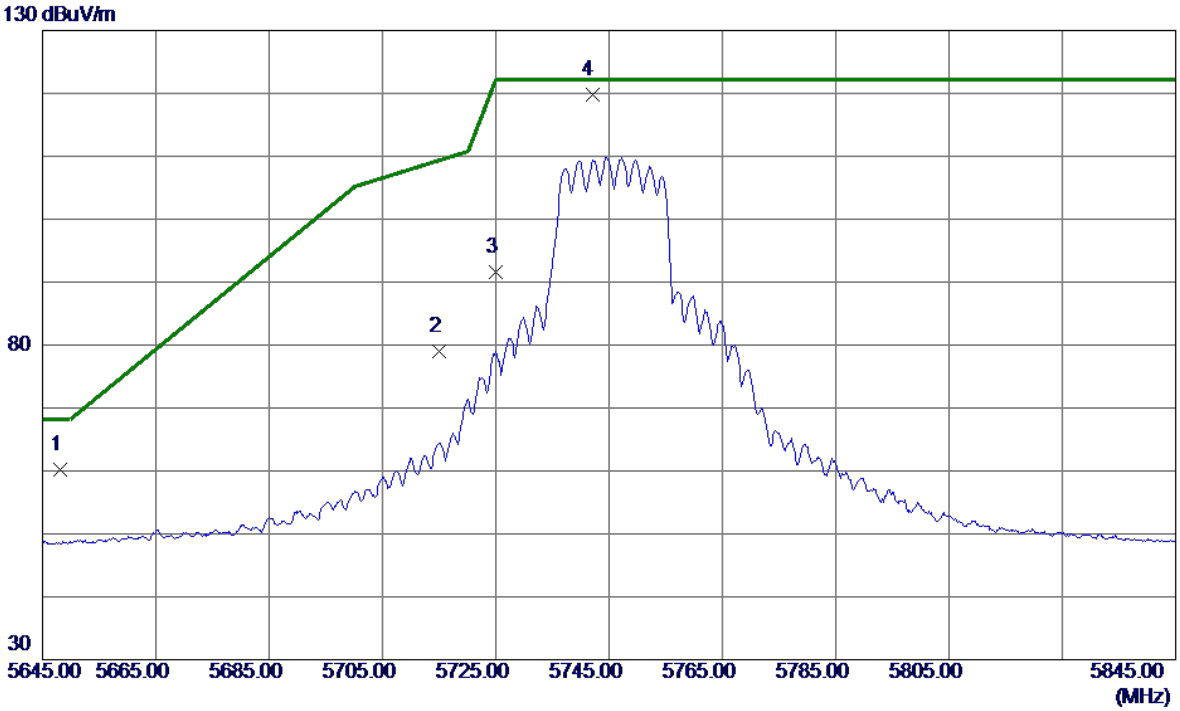
Test Mode	UNII-3_TX A Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11653.8800	42.38	10.79	53.17	54.00	-0.83	AVG	
2	11653.9200	51.62	10.79	62.41	74.00	-11.59	Peak	

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

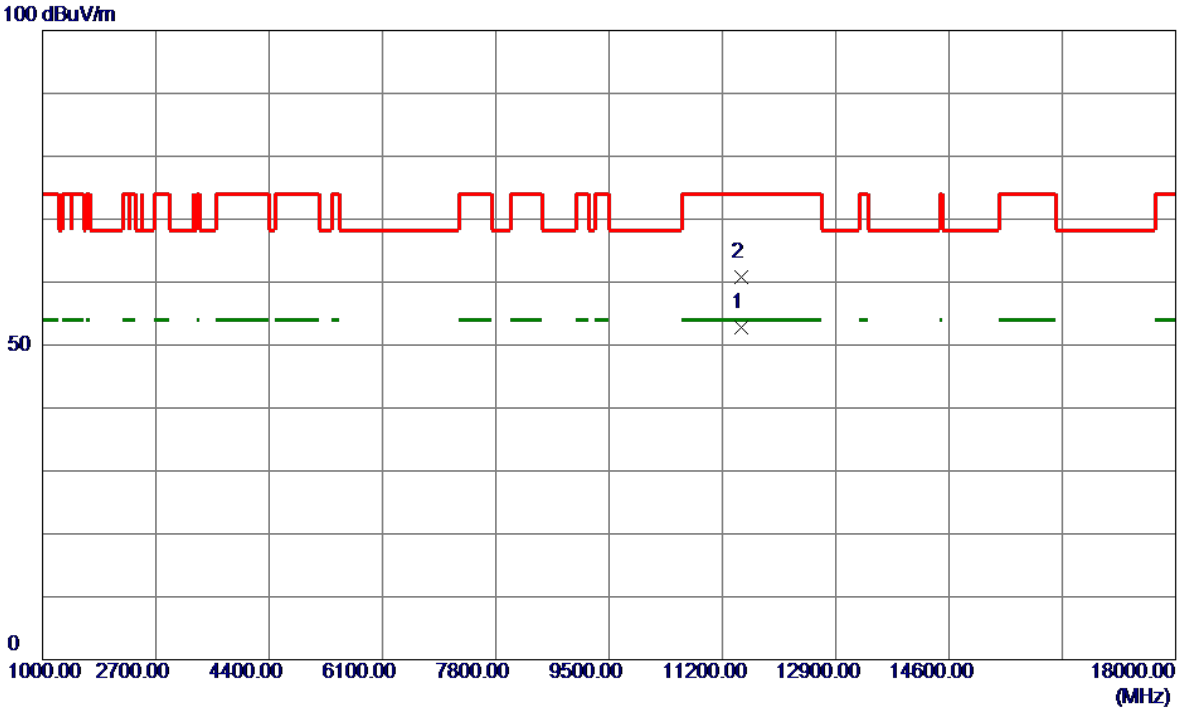
Test Mode	UNII-3_TX AX(HE20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5648.2000	45.99	14.18	60.17	68.20	-8.03	Peak	
2	5715.0000	64.64	14.31	78.95	109.40	-30.45	Peak	
3	5725.0000	77.19	14.33	91.52	122.20	-30.68	Peak	
4 *	5742.0000	105.48	14.36	119.84	122.20	-2.36	Peak	No Limit

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

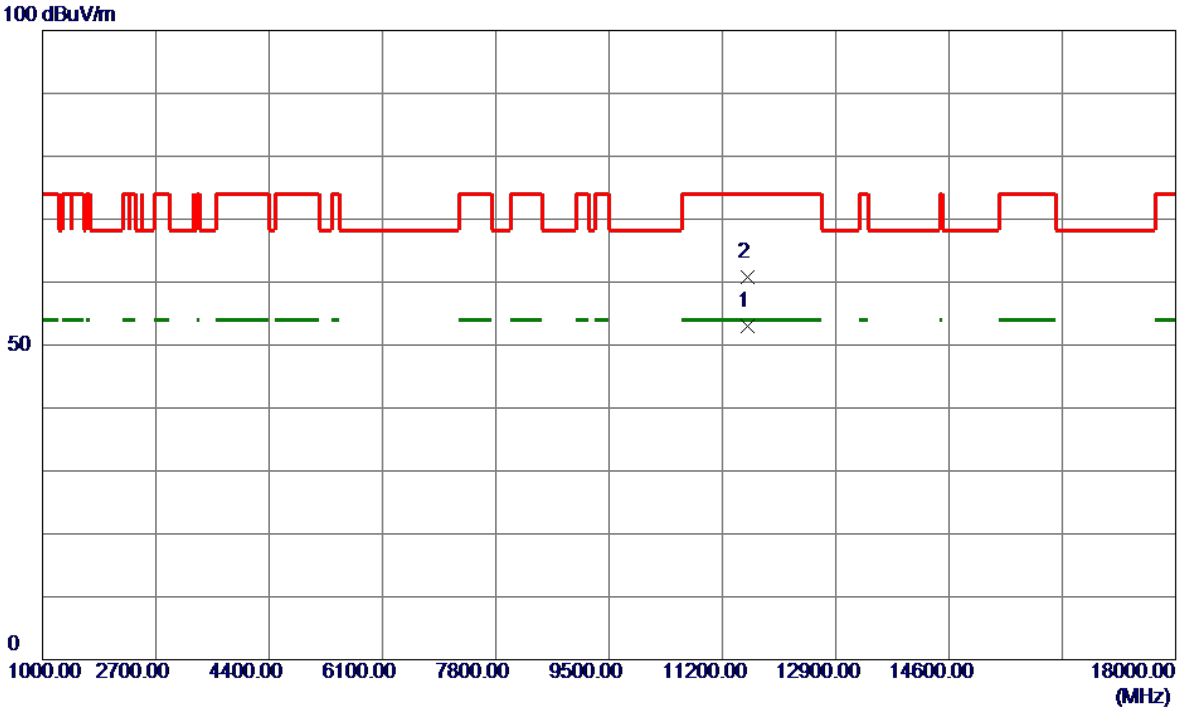
Test Mode	UNII-3_TX AX(HE20) Mode 5745 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11491.7600	42.00	10.77	52.77	54.00	-1.23	AVG	
2	11492.5199	50.11	10.77	60.88	74.00	-13.12	Peak	

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

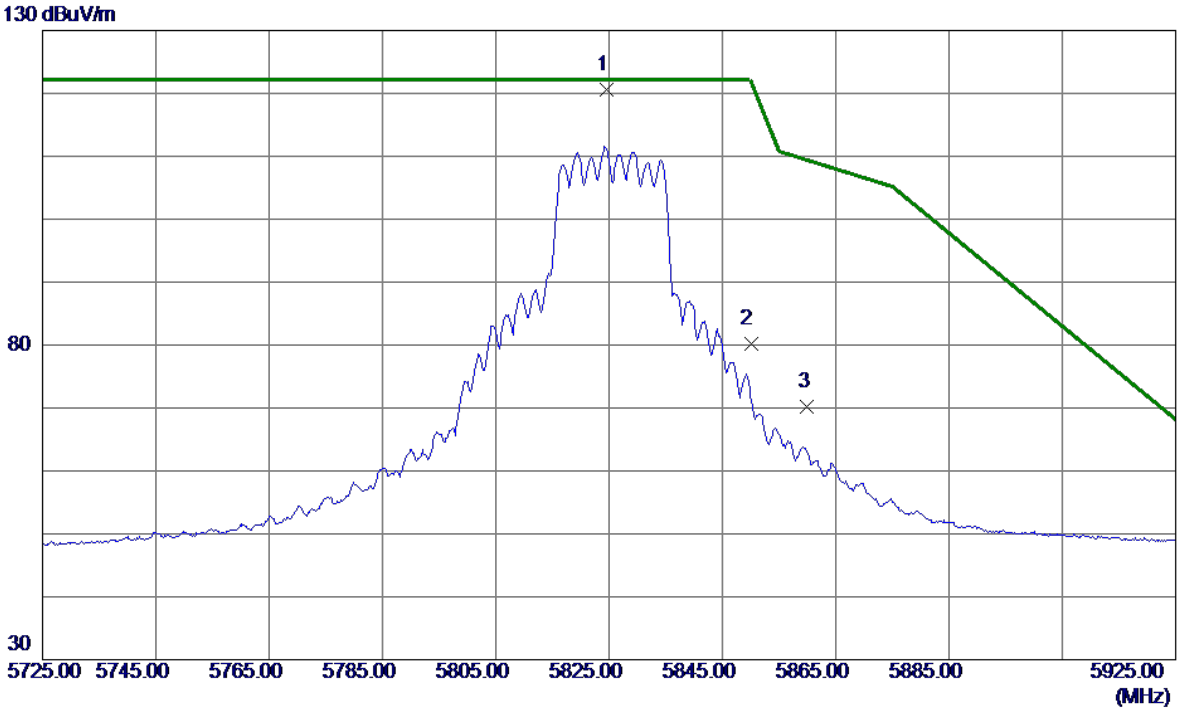
Test Mode	UNII-3_TX AX(HE20) Mode 5785 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11572.3600	42.19	10.79	52.98	54.00	-1.02	AVG	
2	11572.8000	50.07	10.79	60.86	74.00	-13.14	Peak	

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

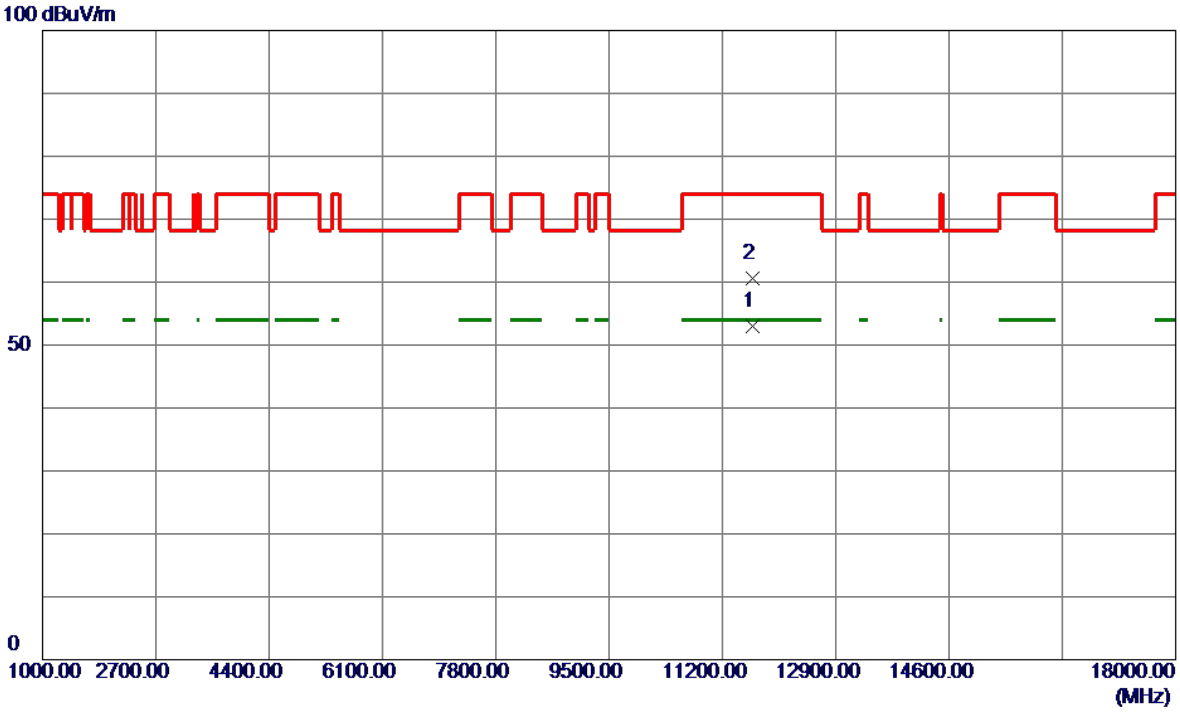
Test Mode	UNII-3_TX AX(HE20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5824.6000	105.98	14.53	120.51	122.20	-1.69	Peak	No Limit
2	5850.0000	65.61	14.58	80.19	122.20	-42.01	Peak	
3	5860.0000	55.68	14.60	70.28	109.40	-39.12	Peak	

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

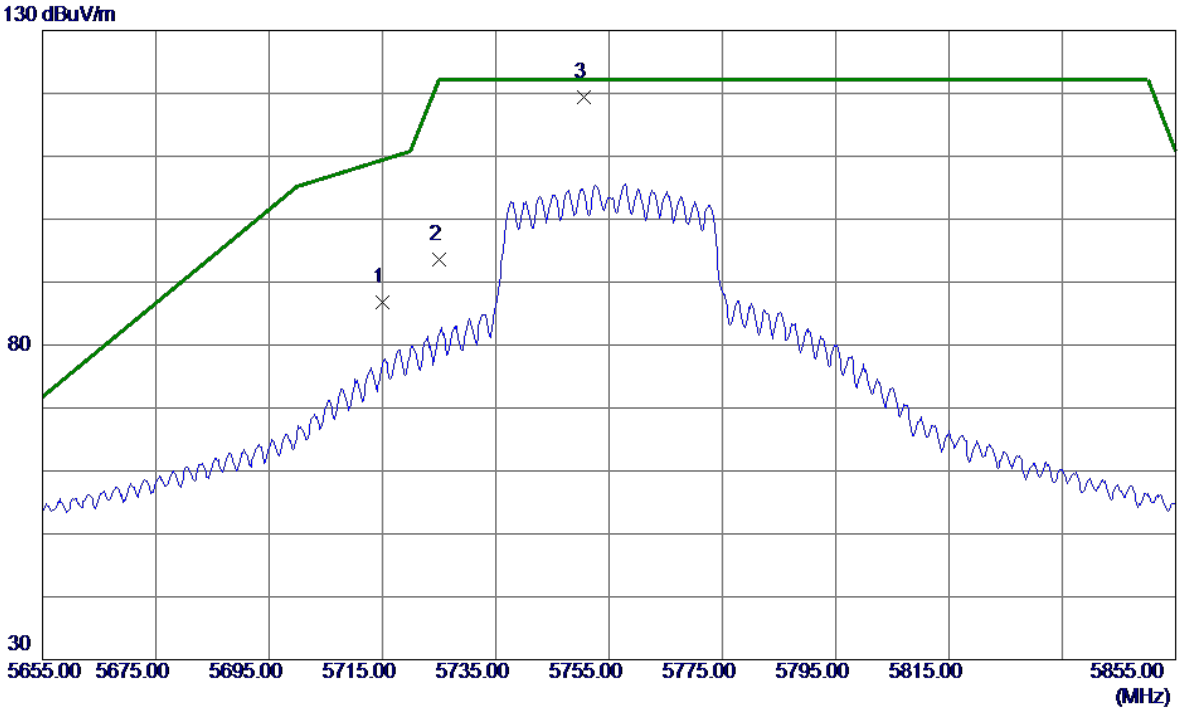
Test Mode	UNII-3_TX AX(HE20) Mode 5825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11651.5599	42.15	10.79	52.94	54.00	-1.06	AVG	
2	11651.6800	49.74	10.79	60.53	74.00	-13.47	Peak	

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

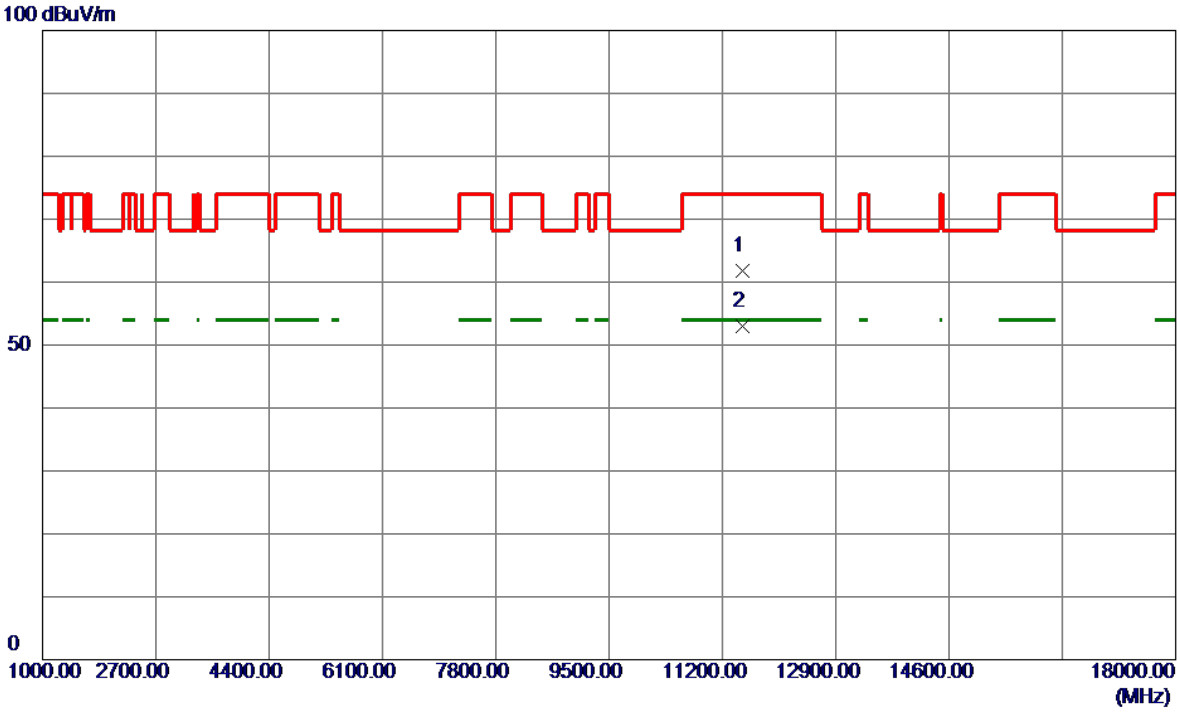
Test Mode	UNII-3_TX AX(HE40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	72.54	14.31	86.85	109.40	-22.55	Peak	
2	5725.0000	79.20	14.33	93.53	122.20	-28.67	Peak	
3 *	5750.6000	105.04	14.38	119.42	122.20	-2.78	Peak	No Limit

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

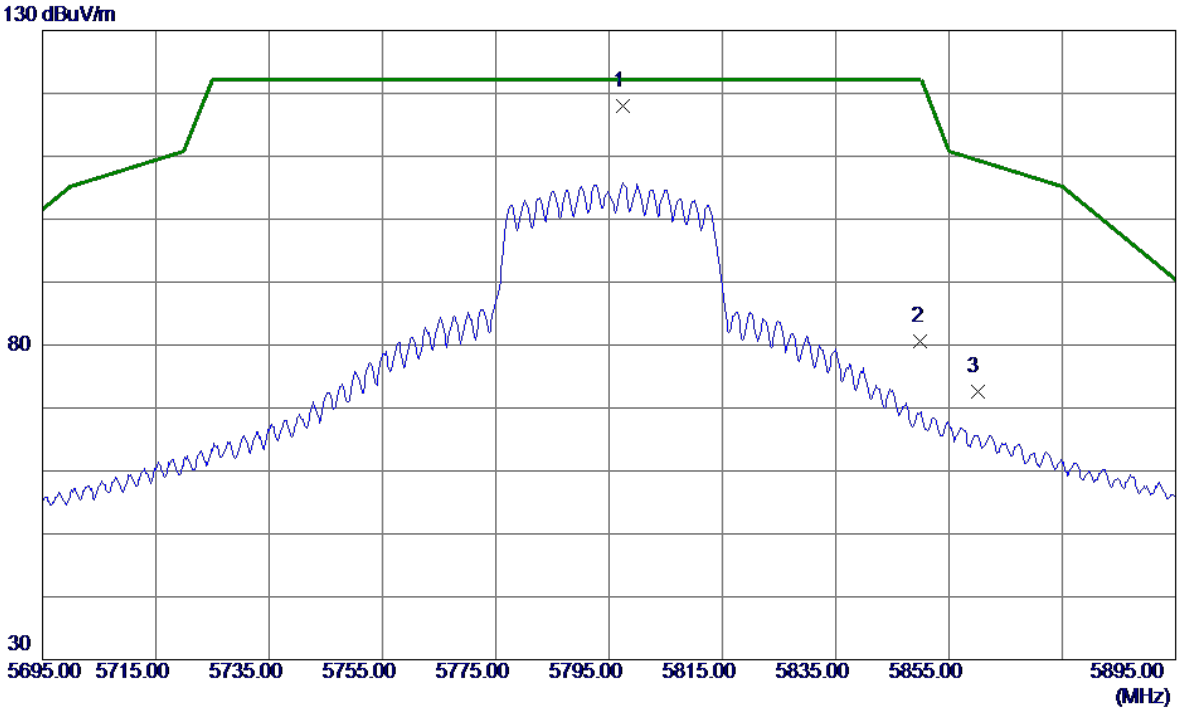
Test Mode	UNII-3_TX AX(HE40) Mode 5755 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11494.2000	51.08	10.77	61.85	74.00	-12.15	Peak	
2 *	11509.3500	42.21	10.78	52.99	54.00	-1.01	AVG	

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

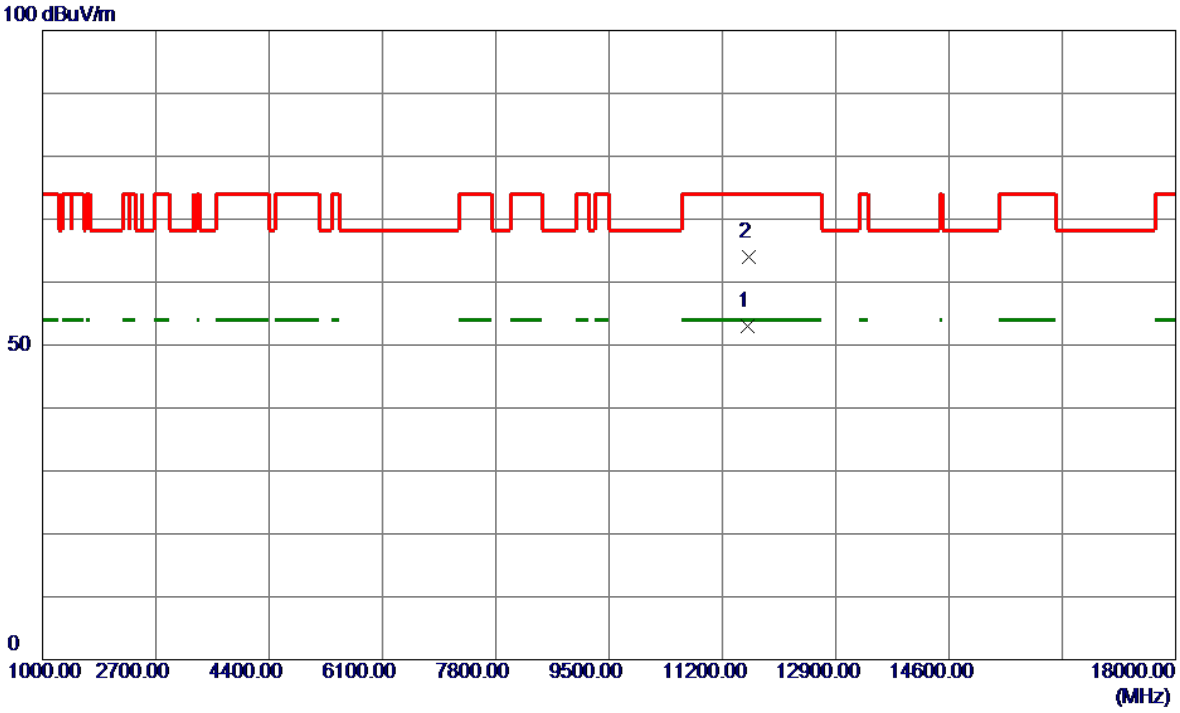
Test Mode	UNII-3_TX AX(HE40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5797.4000	103.55	14.47	118.02	122.20	-4.18	Peak	No Limit
2	5850.0000	66.07	14.58	80.65	122.20	-41.55	Peak	
3	5860.0000	58.02	14.60	72.62	109.40	-36.78	Peak	

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

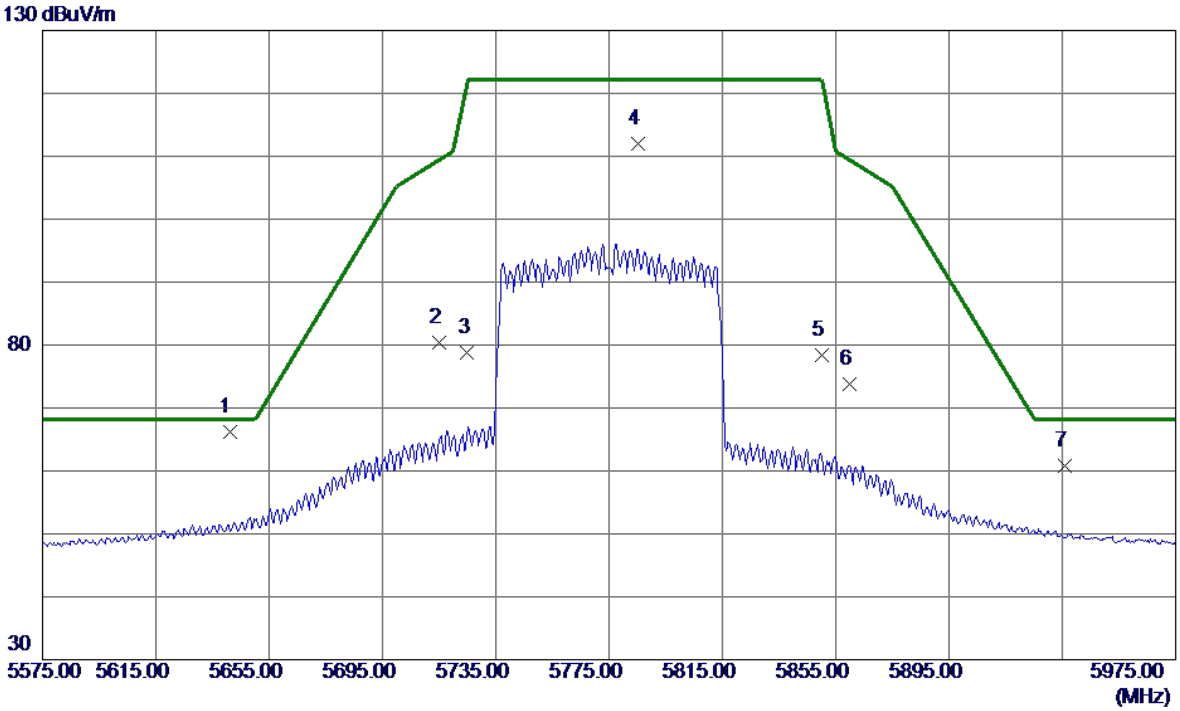
Test Mode	UNII-3_TX AX(HE40) Mode 5795 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11584.3500	42.20	10.79	52.99	54.00	-1.01	AVG	
2	11589.5500	53.15	10.79	63.94	74.00	-10.06	Peak	

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

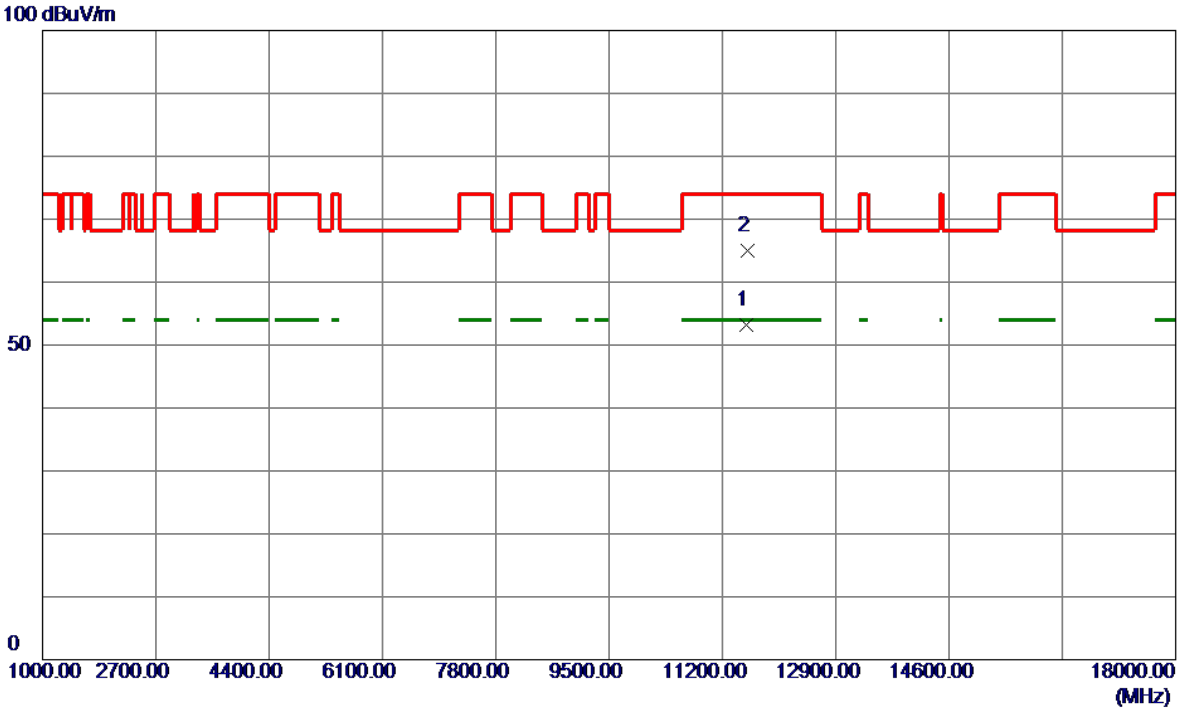
Test Mode	UNII-3_TX AX(HE80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5641.0000	52.03	14.16	66.19	68.20	-2.01	Peak	
2	5715.0000	66.04	14.31	80.35	109.40	-29.05	Peak	
3	5725.0000	64.45	14.33	78.78	122.20	-43.42	Peak	
4	5785.4000	97.50	14.45	111.95	122.20	-10.25	Peak	No Limit
5	5850.0000	63.90	14.58	78.48	122.20	-43.72	Peak	
6	5860.0000	59.21	14.60	73.81	109.40	-35.59	Peak	
7	5936.0000	46.08	14.75	60.83	68.20	-7.37	Peak	

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

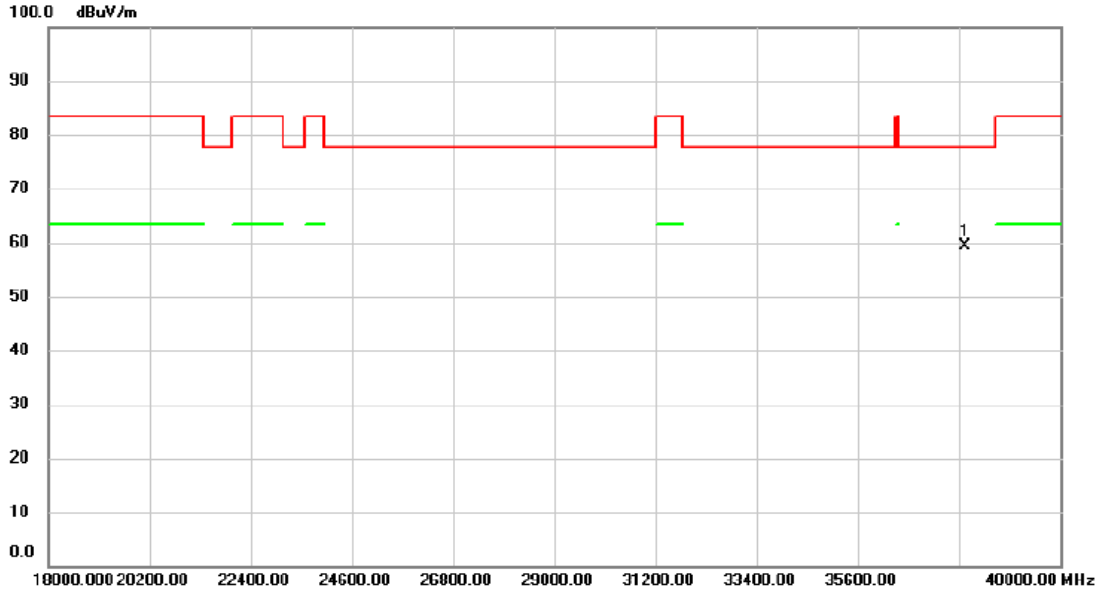
Test Mode	UNII-3_TX AX(HE80) Mode 5775 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11561.6500	42.38	10.78	53.16	54.00	-0.84	AVG	
2	11571.8000	54.22	10.79	65.01	74.00	-8.99	Peak	

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

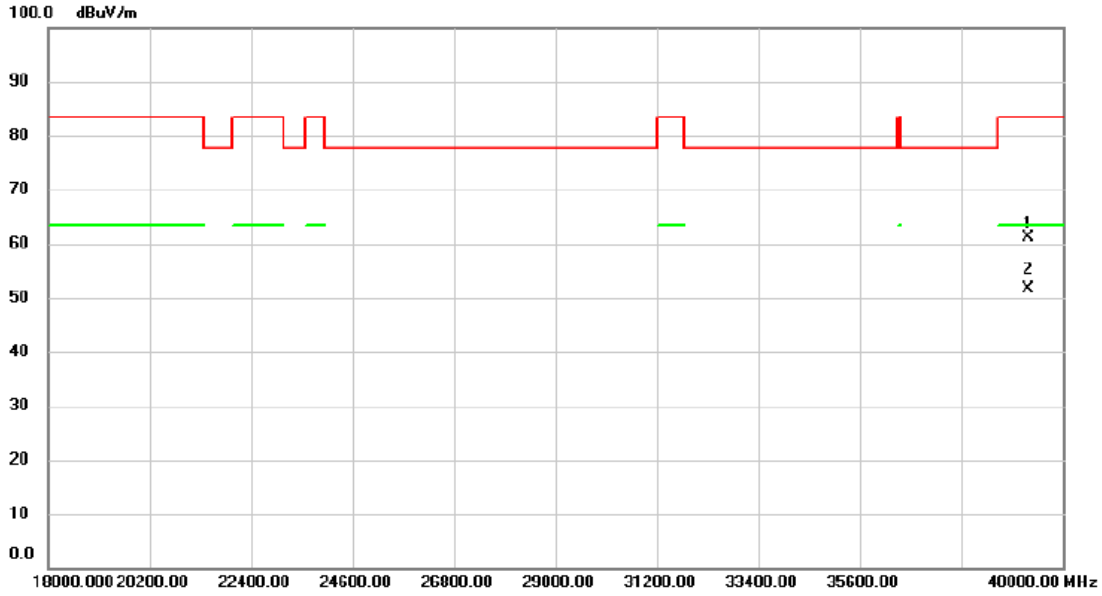
Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37921.000	49.87	9.46	59.33	77.70	-18.37	peak	

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

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



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		39263.000	50.11	11.11	61.22	83.50	-22.28	peak	
2	*	39263.000	40.46	11.11	51.57	63.50	-11.93	AVG	

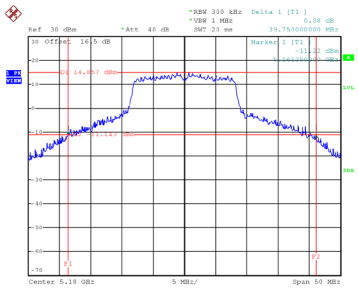
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	39.750	24.000
40	5200	38.099	21.900
48	5240	41.250	22.000

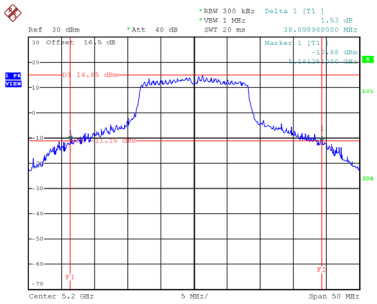
CH36



Date: 16.NOV.2024 14:01:16

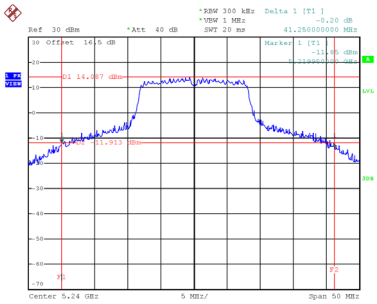
CH40

26 dB Bandwidth



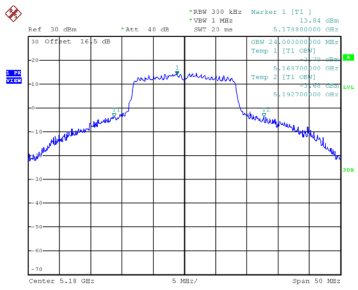
Date: 16.NOV.2024 14:02:22

CH48

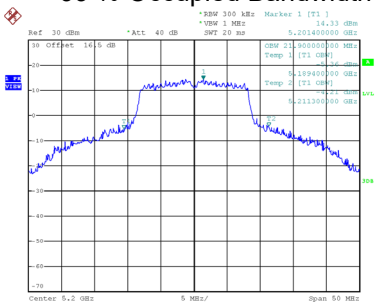


Date: 16.NOV.2024 14:02:53

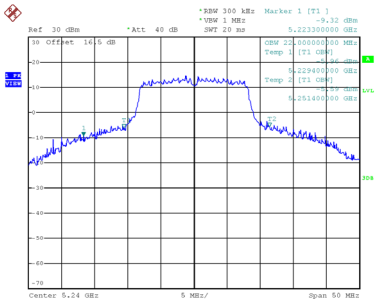
99 % Occupied Bandwidth



Date: 16.NOV.2024 14:00:57



Date: 16.NOV.2024 14:02:01

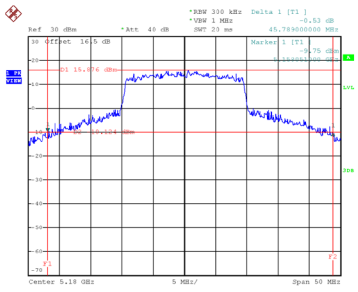


Date: 16.NOV.2024 14:02:38

Test Mode	UNII-1_TX AX(HE20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	45.789	27.100
40	5200	45.550	22.900
48	5240	44.899	22.600

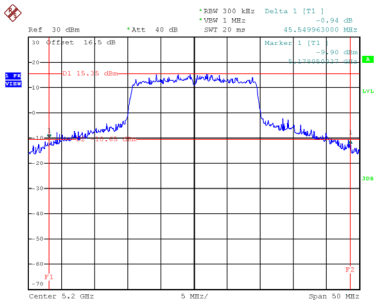
CH36



Date: 16.NOV.2024 15:23:03

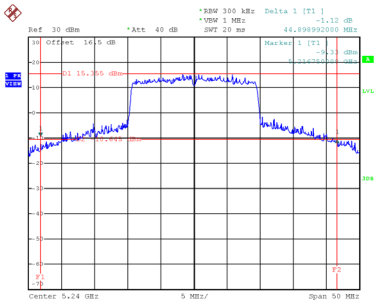
CH40

26 dB Bandwidth



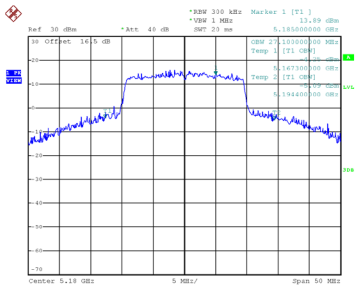
Date: 16.NOV.2024 15:25:33

CH48

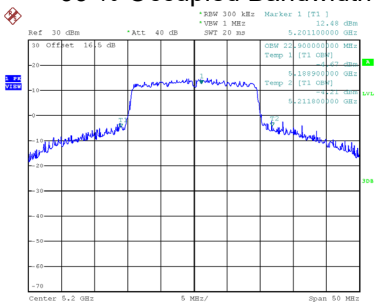


Date: 16.NOV.2024 15:26:07

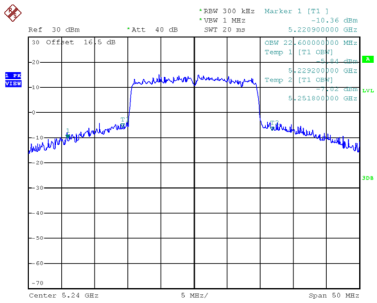
99 % Occupied Bandwidth



Date: 16.NOV.2024 15:22:49



Date: 16.NOV.2024 15:25:20

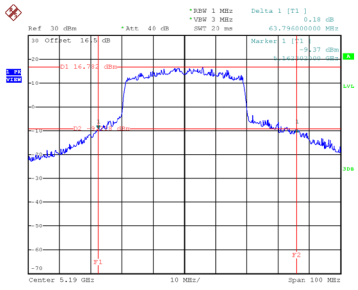


Date: 16.NOV.2024 15:25:48

Test Mode	UNII-1_TX AX(HE40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
38	5190	63.796	38.400
46	5230	51.008	38.600

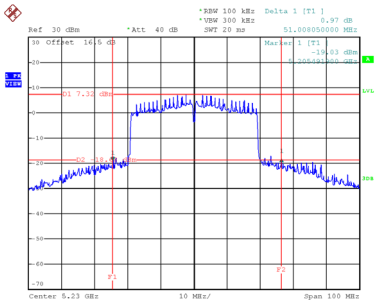
CH38



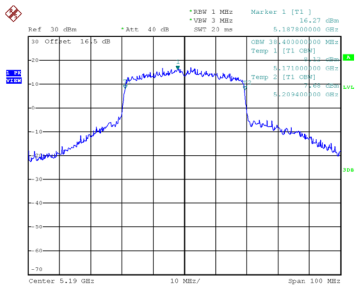
Date: 16.NOV.2024 15:42:06

CH46

26 dB Bandwidth

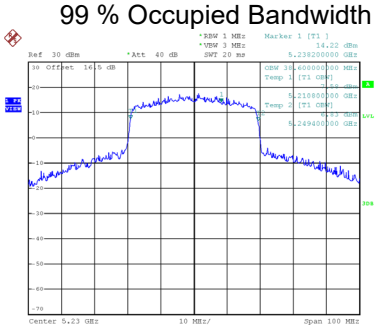


Date: 16.NOV.2024 15:43:57



Date: 16.NOV.2024 15:40:43

99 % Occupied Bandwidth



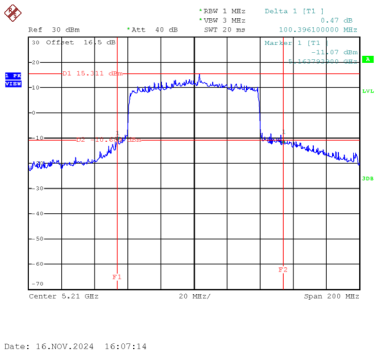
Date: 16.NOV.2024 15:42:59

Test Mode	UNII-1_TX AX(HE80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
42	5210	100.396	78.000

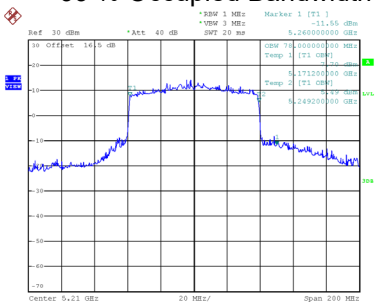
CH42

26 dB Bandwidth



Date: 16.NOV.2024 16:07:14

99 % Occupied Bandwidth



Date: 16.NOV.2024 16:05:48