FCC Radio Test Report

FCC ID: V7TRX9P

This report concerns: Original Grant

Project No.	:	2102C256
Equipment	:	AX3000 Dual-Band Gigabit Wi-Fi 6 Router
Brand Name	:	Tenda
Test Model	:	RX9 Pro
Series Model	:	TX9 Pro, TX9, RX9
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Manufacturer	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Date of Receipt	:	Feb. 07, 2021
Date of Test	:	Feb. 08, 2021 ~ Mar. 13, 2021
Issued Date	:	Mar. 22, 2021
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG2021020722 for conducted, DG2021020721 for radiated.
Standard(s)	:	FCC Part15, Subpart E(15.407) ANSI C63.10-2013 FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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

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Certificate #5123.02

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Declaration

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

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

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

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

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

Limitation

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

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Mar. 22, 2021

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)				
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)	Spectrum 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

☒ Access point device ☐ Client device

1.1 TEST FACILITY

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

1.2 MEASUREMENT UNCERTAINTY

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

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.68

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	-	3.02
		30MHz ~ 200MHz	V	4.26
		30MHz ~ 200MHz	H	3.38
		200MHz ~ 1,000MHz	V	3.98
		200MHz ~ 1,000MHz	H	3.94
		1GHz ~ 6GHz	-	3.96
		6GHz ~ 18GHz	-	5.24
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

C. Other Measurement test:

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

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	25°C	53%	AC 120V/60Hz AC 240V/50Hz	Gerry Zhao
Radiated Emissions-9K-30MHz	25°C	60%	AC 120V/60Hz	Hayden Chen
Radiated Emissions-30 MHz to 1GHz	26°C	52%	AC 120V/60Hz	Hayden Chen
Radiated Emissions-Above 1000 MHz	26°C	52%	AC 120V/60Hz	Hayden Chen
Spectrum Bandwidth	24°C	48%	DC 12V	Grani Zhou
Maximum Output Power	24°C	48%	DC 12V	Evan Yang
Power Spectral Density	24°C	48%	DC 12V	Grani Zhou
Frequency Stability	Normal & Extreme	48%	Normal & Extreme	Grani Zhou

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AX3000 Dual-Band Gigabit Wi-Fi 6 Router
Brand Name	Tenda
Test Model	RX9 Pro
Series Model	TX9 Pro, TX9, RX9
Model Difference(s)	Only differ in model name.
Power Source	DC voltage supplied from AC adapter. Model: BN074-A18012U
Power Rating	I/P: 100-240V ~50/60Hz 0.6A O/P: 12.0V ⎓ 1.5A
Operation Frequency Band(s)	UNII-1: 5150 MHz~5250 MHz UNII-2A: 5250 MHz~5350 MHz UNII-2C: 5470 MHz~5725 MHz UNII-3: 5725 MHz~5850 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 1733.4 Mbps IEEE 802.11ax: up to 2402 Mbps
Maximum Output Power _UNII-1 Non Beamforming	IEEE 802.11a: 21.04 dBm (0.1271 W) IEEE 802.11n (HT20): 22.32 dBm (0.1706 W) IEEE 802.11n (HT40): 21.60 dBm (0.1445 W) IEEE 802.11ac (VHT20): 22.35 dBm (0.1718 W) IEEE 802.11ac (VHT40): 21.75 dBm (0.1496 W) IEEE 802.11ac (VHT80): 19.73 dBm (0.0940 W) IEEE 802.11ax (HE20): 22.15 dBm (0.1641 W) IEEE 802.11ax (HE40): 21.44 dBm (0.1393 W) IEEE 802.11ax (HE80): 19.63 dBm (0.0918 W)
Maximum Output Power _UNII-2A Non Beamforming	IEEE 802.11a: 20.56 dBm (0.1138 W) IEEE 802.11n (HT20): 18.33 dBm (0.0681 W) IEEE 802.11n (HT40): 20.40 dBm (0.1096 W) IEEE 802.11ac (VHT20): 18.44 dBm (0.0698 W) IEEE 802.11ac (VHT40): 20.45 dBm (0.1109 W) IEEE 802.11ac (VHT80): 19.84 dBm (0.0964 W) IEEE 802.11ax (HE20): 19.34 dBm (0.0859 W) IEEE 802.11ax (HE40): 21.51 dBm (0.1416 W) IEEE 802.11ax (HE80): 19.78 dBm (0.0951 W)
Maximum Output Power _UNII-1+UNII-2A Non Beamforming	IEEE 802.11ac (VHT160): 18.42 dBm (0.0695 W) IEEE 802.11ax (HE160): 18.19 dBm (0.0659 W)
Maximum Output Power _UNII-2C Non Beamforming	IEEE 802.11a: 18.92 dBm (0.0780 W) IEEE 802.11n (HT20): 18.65 dBm (0.0733 W) IEEE 802.11n (HT40): 21.57 dBm (0.1435 W) IEEE 802.11ac (VHT20): 18.75 dBm (0.0750 W) IEEE 802.11ac (VHT40): 21.73 dBm (0.1489 W) IEEE 802.11ac (VHT80): 22.04 dBm (0.1600 W) IEEE 802.11ac (VHT160): 18.59 dBm (0.0723 W) IEEE 802.11ax (HE20): 20.72 dBm (0.1180 W) IEEE 802.11ax (HE40): 21.23 dBm (0.1327 W) IEEE 802.11ax (HE80): 22.00 dBm (0.1585 W) IEEE 802.11ax (HE160): 18.52 dBm (0.0711 W)

Maximum Output Power _UNII-3 Non Beamforming	IEEE 802.11a: 19.24 dBm (0.0839 W) IEEE 802.11n (HT20): 22.34 dBm (0.1714 W) IEEE 802.11n (HT40): 22.18 dBm (0.1652 W) IEEE 802.11ac (VHT20): 22.67 dBm (0.1849 W) IEEE 802.11ac (VHT40): 22.51 dBm (0.1782 W) IEEE 802.11ac (VHT80): 22.02 dBm (0.1592 W) IEEE 802.11ax (HE20): 22.41 dBm (0.1742 W) IEEE 802.11ax (HE40): 22.32 dBm (0.1706 W) IEEE 802.11ax (HE80): 21.89 dBm (0.1545 W)
Maximum Output Power _UNII-1 Beamforming	IEEE 802.11n (HT20): 22.20 dBm (0.1660 W) IEEE 802.11n (HT40): 21.41 dBm (0.1384 W) IEEE 802.11ac (VHT20): 22.24 dBm (0.1675 W) IEEE 802.11ac (VHT40): 21.63 dBm (0.1455 W) IEEE 802.11ac (VHT80): 19.68 dBm (0.0929 W) IEEE 802.11ax (HE20): 21.98 dBm (0.1578 W) IEEE 802.11ax (HE40): 21.34 dBm (0.1361 W) IEEE 802.11ax (HE80): 19.50 dBm (0.0891 W)
Maximum Output Power _UNII-2A Beamforming	IEEE 802.11n (HT20): 18.23 dBm (0.0665 W) IEEE 802.11n (HT40): 20.32 dBm (0.1076 W) IEEE 802.11ac (VHT20): 18.40 dBm (0.0692 W) IEEE 802.11ac (VHT40): 20.35 dBm (0.1084 W) IEEE 802.11ac (VHT80): 19.74 dBm (0.0942 W) IEEE 802.11ax (HE20): 19.22 dBm (0.0836 W) IEEE 802.11ax (HE40): 20.76 dBm (0.1191 W) IEEE 802.11ax (HE80): 19.66 dBm (0.0925 W)
Maximum Output Power _UNII-1+UNII-2A Beamforming	IEEE 802.11ac (VHT160): 18.34 dBm (0.0682 W) IEEE 802.11ax (HE160): 18.04 dBm (0.0637 W)
Maximum Output Power _UNII-2C Beamforming	IEEE 802.11n (HT20): 18.49 dBm (0.0706 W) IEEE 802.11n (HT40): 20.76 dBm (0.1191 W) IEEE 802.11ac (VHT20): 18.70 dBm (0.0741 W) IEEE 802.11ac (VHT40): 20.89 dBm (0.1227 W) IEEE 802.11ac (VHT80): 20.92 dBm (0.1236 W) IEEE 802.11ac (VHT160): 18.47 dBm (0.0703 W) IEEE 802.11ax (HE20): 20.68 dBm (0.1169 W) IEEE 802.11ax (HE40): 20.86 dBm (0.1219 W) IEEE 802.11ax (HE80): 20.86 dBm (0.1219 W) IEEE 802.11ax (HE160): 18.50 dBm (0.0708 W)
Maximum Output Power _UNII-3 Beamforming	IEEE 802.11n (HT20): 22.24 dBm (0.1675 W) IEEE 802.11n (HT40): 22.13 dBm (0.1633 W) IEEE 802.11ac (VHT20): 22.54 dBm (0.1795 W) IEEE 802.11ac (VHT40): 22.48 dBm (0.1770 W) IEEE 802.11ac (VHT80): 21.98 dBm (0.1578 W) IEEE 802.11ax (HE20): 22.27 dBm (0.1687 W) IEEE 802.11ax (HE40): 22.23 dBm (0.1671 W) IEEE 802.11ax (HE80): 21.84 dBm (0.1528 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. RU Configuration:

IEEE 802.11ax (HE20)	Resource Unit	242 Tone(20M)
	Specific Resource Unit	61
IEEE 802.11ax (HE40)	Resource Unit	484 Tone(40M)
	Specific Resource Unit	65
IEEE 802.11ax (HE80)	Resource Unit	996 Tone(80M)
	Specific Resource Unit	67
IEEE 802.11ax (HE160)	Resource Unit	996*2 Tone(80+80M)
	Specific Resource Unit	S68

Note: IEEE 802.11ax mode only supports the highest tone, so the highest tone was evaluated and measured inside report.

4. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Tenda	N/A	Dipole	N/A	6.02
2	Tenda	N/A	Dipole	N/A	6.02

Note:

1) This EUT supports CDD, and all antennas have the same gain, Directional gain = G_{ANT}+Array Gain.
For power measurements, Array Gain=0dB ($N_{ANT} \leqslant 4$), so the Directional gain=6.02.
For power spectral density measurements, N_{ANT}=2, N_{SS} = 1.
So the Directional gain=G_{ANT}+Array Gain=G_{ANT}+10log(N_{ANT}/ N_{SS})dBi=6.02+10log(2/1)dBi=9.03.
Then, the UNII-1 power spectral density limit is 17-(9.03-6)=13.97, the UNII-2A, UNII-2C power spectral density limit is 11-(9.03-6)=7.97, the UNII-3 power spectral density limit is 30-(9.03-6)=26.97.
2) Beamforming Gain: 3 dB. So Directional gain=3+6.02=9.02. Then, the UNII-1, UNII-3 power limit is 30-(9.02-6)=26.98, the UNII-2A, UNII-2C power limit is 24-(9.02+6)=20.98.
3) The antenna gain and beamforming gain are provided by the manufacturer.

5. Table for Antenna Configuration:

For Non Beamforming:

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

For Beamforming:

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

2.2 TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC (VHT40) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC (VHT80) Mode / CH42 (UNII-1)
Mode 7	TX AX (HE20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 8	TX AX (HE40) Mode / CH38, CH46 (UNII-1)
Mode 9	TX AX (HE80) Mode / CH42 (UNII-1)
Mode 10	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 12	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 13	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 14	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 15	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 16	TX AX (HE20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 17	TX AX (HE40) Mode / CH54, CH62 (UNII-2A)
Mode 18	TX AX (HE80) Mode / CH58 (UNII-2A)
Mode 19	TX AC (VHT160) Mode / CH50 (UNII-1+UNII-2A)
Mode 20	TX AX (HE160) Mode / CH50 (UNII-1+UNII-2A)
Mode 21	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 22	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 23	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 24	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 25	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 26	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 27	TX AC (VHT160) Mode / CH114 (UNII-2C)
Mode 28	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 29	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 30	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 31	TX AX (HE160) Mode / CH114 (UNII-2C)

Pretest Mode	Description
Mode 32	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 33	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 34	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 35	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 36	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 37	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 38	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 39	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 40	TX AX (HE80) Mode / CH155 (UNII-3)
Mode 41	TX AC(VHT20) Mode / CH165 (UNII-3)

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Final Test Mode	Description
Mode 41	TX AC(VHT20) Mode / CH165 (UNII-3)

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 41	TX AC(VHT20) Mode / CH165 (UNII-3)

Radiated emissions test - Above 1GHz_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC (VHT40) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC (VHT80) Mode / CH42 (UNII-1)
Mode 7	TX AX (HE20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 8	TX AX (HE40) Mode / CH38, CH46 (UNII-1)
Mode 9	TX AX (HE80) Mode / CH42 (UNII-1)
Mode 10	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 13	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 14	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 15	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 16	TX AX (HE20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 17	TX AX (HE40) Mode / CH54, CH62 (UNII-2A)
Mode 18	TX AX (HE80) Mode / CH58 (UNII-2A)
Mode 19	TX AC (VHT160) Mode / CH50 (UNII-1+UNII-2A)
Mode 20	TX AX (HE160) Mode / CH50 (UNII-1+UNII-2A)

Radiated emissions test - Above 1GHz_Non Beamforming	
Final Test Mode	Description
Mode 21	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 24	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 25	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 26	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 27	TX AC (VHT160) Mode / CH114 (UNII-2C)
Mode 28	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 29	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 30	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 31	TX AX (HE160) Mode / CH114 (UNII-2C)
Mode 32	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 35	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 36	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 37	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 38	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 39	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 40	TX AX (HE80) Mode / CH155 (UNII-3)

Maximum Output Power test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC (VHT40) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC (VHT80) Mode / CH42 (UNII-1)
Mode 7	TX AX (HE20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 8	TX AX (HE40) Mode / CH38, CH46 (UNII-1)
Mode 9	TX AX (HE80) Mode / CH42 (UNII-1)
Mode 10	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 12	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 13	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 14	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 15	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 16	TX AX (HE20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 17	TX AX (HE40) Mode / CH54, CH62 (UNII-2A)
Mode 18	TX AX (HE80) Mode / CH58 (UNII-2A)

Maximum Output Power test_Non Beamforming	
Final Test Mode	Description
Mode 19	TX AC (VHT160) Mode / CH50 (UNII-1+UNII-2A)
Mode 20	TX AX (HE160) Mode / CH50 (UNII-1+UNII-2A)
Mode 21	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 22	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 23	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 24	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 25	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 26	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 27	TX AC (VHT160) Mode / CH114 (UNII-2C)
Mode 28	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 29	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 30	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 31	TX AX (HE160) Mode / CH114 (UNII-2C)
Mode 32	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 33	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 34	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 35	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 36	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 37	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 38	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 39	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 40	TX AX (HE80) Mode / CH155 (UNII-3)

Maximum Output Power test_Beamforming	
Final Test Mode	Description
Mode 2	TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC (VHT40) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC (VHT80) Mode / CH42 (UNII-1)
Mode 7	TX AX (HE20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 8	TX AX (HE40) Mode / CH38, CH46 (UNII-1)
Mode 9	TX AX (HE80) Mode / CH42 (UNII-1)
Mode 11	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 12	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 13	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 14	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 15	TX AC (VHT80) Mode / CH58 (UNII-2A)

Maximum Output Power test_Beamforming	
Final Test Mode	Description
Mode 16	TX AX (HE20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 17	TX AX (HE40) Mode / CH54, CH62 (UNII-2A)
Mode 18	TX AX (HE80) Mode / CH58 (UNII-2A)
Mode 19	TX AC (VHT160) Mode / CH50 (UNII-1+UNII-2A)
Mode 20	TX AX (HE160) Mode / CH50 (UNII-1+UNII-2A)
Mode 22	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 23	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 24	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 25	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 26	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 27	TX AC (VHT160) Mode / CH114 (UNII-2C)
Mode 28	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 29	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 30	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 31	TX AX (HE160) Mode / CH114 (UNII-2C)
Mode 33	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 34	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 35	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 36	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 37	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 38	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 39	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 40	TX AX (HE80) Mode / CH155 (UNII-3)

Other Conducted test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC (VHT40) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC (VHT80) Mode / CH42 (UNII-1)
Mode 7	TX AX (HE20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 8	TX AX (HE40) Mode / CH38, CH46 (UNII-1)
Mode 9	TX AX (HE80) Mode / CH42 (UNII-1)
Mode 10	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 13	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 14	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 15	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 16	TX AX (HE20) Mode / CH52, CH60, CH64 (UNII-2A)

Other Conducted test_Non Beamforming	
Final Test Mode	Description
Mode 17	TX AX (HE40) Mode / CH54, CH62 (UNII-2A)
Mode 18	TX AX (HE80) Mode / CH58 (UNII-2A)
Mode 19	TX AC (VHT160) Mode / CH50 (UNII-1+UNII-2A)
Mode 20	TX AX (HE160) Mode / CH50 (UNII-1+UNII-2A)
Mode 21	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 24	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 25	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 26	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 27	TX AC (VHT160) Mode / CH114 (UNII-2C)
Mode 28	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 29	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 30	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 31	TX AX (HE160) Mode / CH114 (UNII-2C)
Mode 32	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 35	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 36	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 37	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 38	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 39	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 40	TX AX (HE80) Mode / CH155 (UNII-3)

Note:
(1) For radiated emission below 1 GHz test, the IEEE 802.11ac20 channel 165 is found to be the worst case and recorded.
(2) For radiated emission above 1 GHz test, 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) The measurements for Maximum Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. The worst case is Non Beamforming and only the worst case is documented for other test items.
(4) The measurements for RF Output Power are tested, the worst case are IEEE 802.11a mode, IEEE 802.11ac(VHT20) mode, IEEE 802.11ac(VHT40) mode, IEEE 802.11ac(VHT80) mode, IEEE 802.11ac(VHT160) mode, IEEE 802.11ax(HE20) mode, IEEE 802.11ax(HE40) mode, IEEE 802.11ax(HE80) mode and IEEE 802.11ax(HE160) mode, only the worst cases are documented for other test items.
(5) For radiated emissions, the TX WLAN 2.4G B Mode 2412MHz + WLAN 5G A Mode 5580MHz was found the worst case of simultaneous transmission and recorded.

2.3 PARAMETERS OF TEST SOFTWARE

Non Beamforming

UNII-1			
Test Software	DUT GUI-Version 610.32		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11a	73	72	71
IEEE 802.11n (HT20)	72	72	72
IEEE 802.11ac (VHT20)	72	72	72
IEEE 802.11ax (HE20)	72	72	72
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	65	71	
IEEE 802.11ac (VHT40)	65	71	
IEEE 802.11ax (HE40)	64	71	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	62		
IEEE 802.11ax (HE80)	62		

UNII-2A			
Test Software	DUT GUI-Version 610.32		
Test Frequency (MHz)	5260	5300	5320
IEEE 802.11a	71	71	71
IEEE 802.11n (HT20)	63	63	63
IEEE 802.11ac (VHT20)	63	63	63
IEEE 802.11ax (HE20)	65	65	65
Test Frequency (MHz)	5270	5310	
IEEE 802.11n (HT40)	67	67	
IEEE 802.11ac (VHT40)	67	67	
IEEE 802.11ax (HE40)	71	67	
Test Frequency (MHz)	5290		
IEEE 802.11ac (VHT80)	63		
IEEE 802.11ax (HE80)	63		

UNII-1+UNII-2A	
Test Software Version	DUT GUI-Version 610.32
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	57
IEEE 802.11ax(HE160)	57

UNII-2C			
Test Software	DUT GUI-Version 610.32		
Test Frequency (MHz)	5500	5580	5700
IEEE 802.11a	70	70	70
IEEE 802.11n (HT20)	67	64	68
IEEE 802.11ac (VHT20)	67	64	67
IEEE 802.11ax (HE20)	69	66	68
Test Frequency (MHz)	5510	5550	5670
IEEE 802.11n (HT40)	71	67	73
IEEE 802.11ac (VHT40)	71	67	73
IEEE 802.11ax (HE40)	67	71	68
Test Frequency (MHz)	5530	5610	
IEEE 802.11ac (VHT80)	65	70	
IEEE 802.11ax (HE80)	63	70	
Test Frequency (MHz)	5570		
IEEE 802.11ac (VHT160)	58		
IEEE 802.11ax (HE160)	58		

UNII-3			
Test Software	DUT GUI-Version 610.32		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11a	71	71	71
IEEE 802.11n (HT20)	72	72	72
IEEE 802.11ac (VHT20)	72	72	72
IEEE 802.11ax (HE20)	72	72	72
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	72	73	
IEEE 802.11ac (VHT40)	72	73	
IEEE 802.11ax (HE40)	72	73	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	70		
IEEE 802.11ax (HE80)	70		

Beamforming

UNII-1			
Test Software	DUT GUI-Version 610.32		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11n (HT20)	71	71	71
IEEE 802.11ac (VHT20)	72	72	72
IEEE 802.11ax (HE20)	72	72	72
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	64	70	
IEEE 802.11ac (VHT40)	65	71	
IEEE 802.11ax (HE40)	64	71	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	62		
IEEE 802.11ax (HE80)	62		

UNII-2A			
Test Software	DUT GUI-Version 610.32		
Test Frequency (MHz)	5260	5300	5320
IEEE 802.11n (HT20)	62	62	62
IEEE 802.11ac (VHT20)	63	63	63
IEEE 802.11ax (HE20)	65	65	65
Test Frequency (MHz)	5270	5310	
IEEE 802.11n (HT40)	66	66	
IEEE 802.11ac (VHT40)	67	67	
IEEE 802.11ax (HE40)	68	67	
Test Frequency (MHz)	5290		
IEEE 802.11ac (VHT80)	63		
IEEE 802.11ax (HE80)	63		

UNII-1+UNII-2A	
Test Software Version	DUT GUI-Version 610.32
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	57
IEEE 802.11ax(HE160)	57

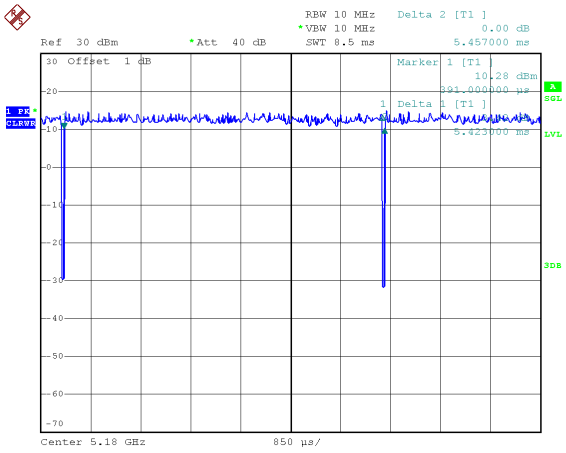
UNII-2C			
Test Software	DUT GUI-Version 610.32		
Test Frequency (MHz)	5500	5580	5700
IEEE 802.11n (HT20)	66	63	67
IEEE 802.11ac (VHT20)	67	64	67
IEEE 802.11ax (HE20)	69	66	68
Test Frequency (MHz)	5510	5550	5670
IEEE 802.11n (HT40)	70	67	71
IEEE 802.11ac (VHT40)	69	67	69
IEEE 802.11ax (HE40)	67	70	68
Test Frequency (MHz)	5530	5610	
IEEE 802.11ac (VHT80)	65	66	
IEEE 802.11ax (HE80)	63	67	
Test Frequency (MHz)	5570		
IEEE 802.11ac (VHT160)	58		
IEEE 802.11ax (HE160)	58		

UNII-3			
Test Software	DUT GUI-Version 610.32		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11n (HT20)	71	71	71
IEEE 802.11ac (VHT20)	72	72	72
IEEE 802.11ax (HE20)	72	72	72
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	72	73	
IEEE 802.11ac (VHT40)	72	73	
IEEE 802.11ax (HE40)	72	73	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	70		
IEEE 802.11ax (HE80)	70		

2.4 DUTY CYCLE

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

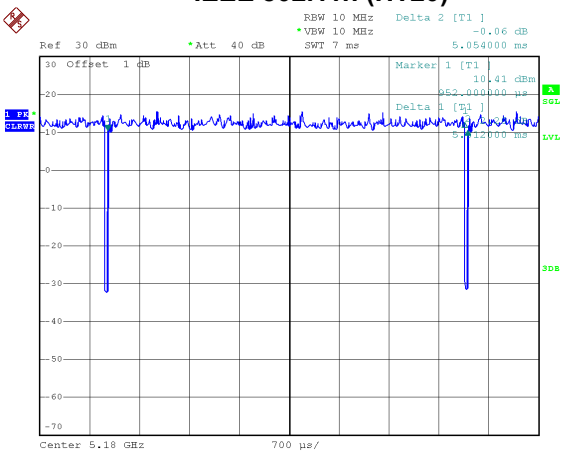
IEEE 802.11a



Date: 18.FEB.2021 15:05:22

Duty cycle = 5.423 ms / 5.457 ms = 99.38%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

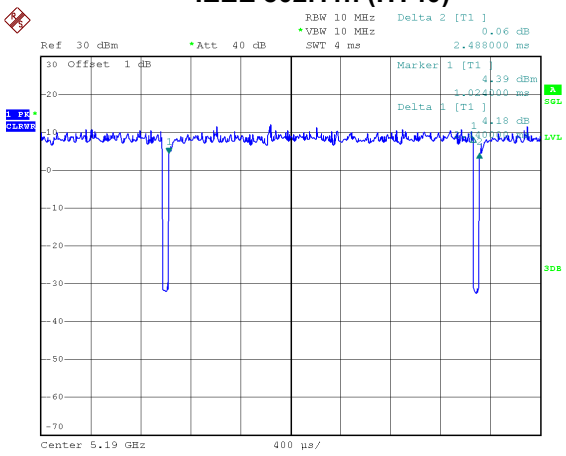
IEEE 802.11n (HT20)



Date: 18.FEB.2021 15:07:59

Duty cycle = 5.012 ms / 5.054 ms = 99.17%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

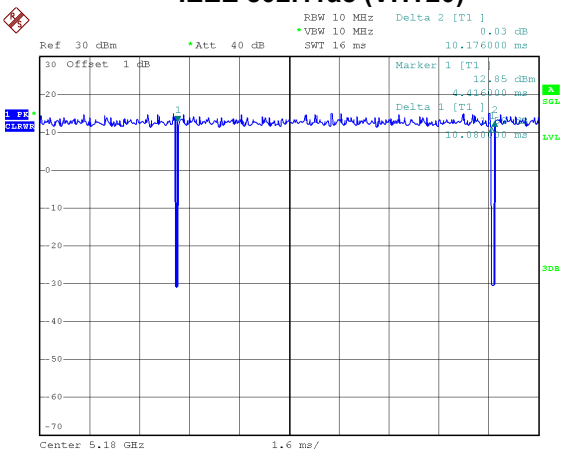
IEEE 802.11n (HT40)



Date: 18.FEB.2021 15:09:07

Duty cycle = 2.440 ms / 2.488 ms = 98.07%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

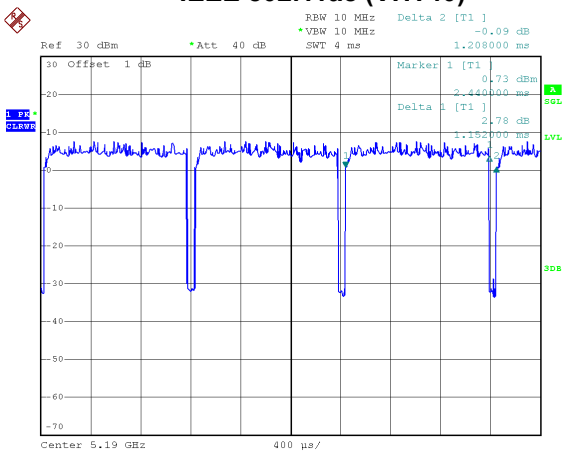
IEEE 802.11ac (VHT20)



Date: 18.FEB.2021 15:10:55

Duty cycle = 10.080 ms / 10.176 ms = 99.06%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

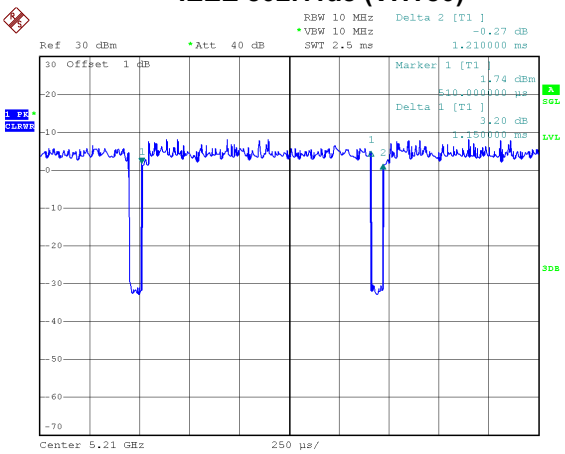
IEEE 802.11ac (VHT40)



Date: 18.FEB.2021 15:14:16

Duty cycle = 1.152 ms / 1.208 ms = 95.36%
Duty Factor = 10 log(1 / Duty cycle) = 0.21

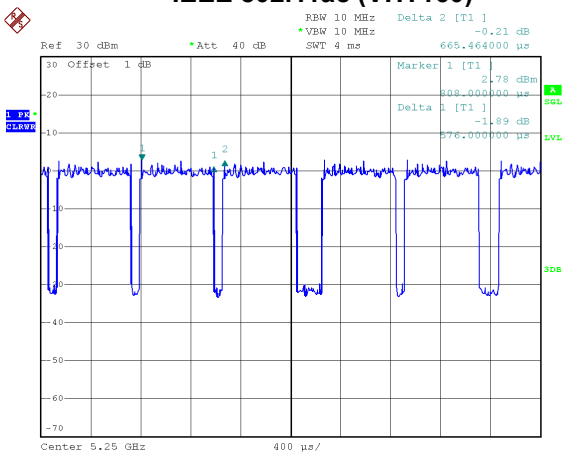
IEEE 802.11ac (VHT80)



Date: 18.FEB.2021 15:14:29

Duty cycle = 1.150 ms / 1.210 ms = 95.04%
Duty Factor = 10 log(1 / Duty cycle) = 0.22

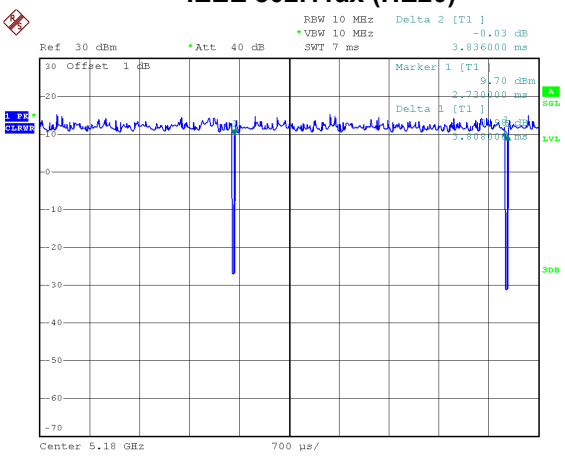
IEEE 802.11ac (VHT160)



Date: 18.FEB.2021 15:28:52

Duty cycle = 0.576 ms / 0.665 ms = 86.62%
Duty Factor = 10 log(1 / Duty cycle) = 0.62

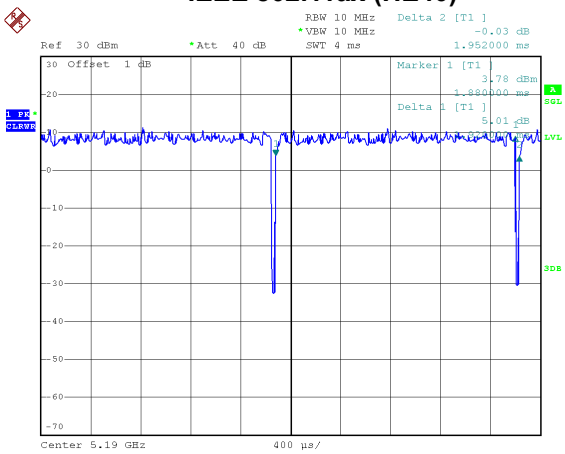
IEEE 802.11ax (HE20)



Date: 18.FEB.2021 15:16:31

Duty cycle = 3.808 ms / 3.836 ms = 99.27%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

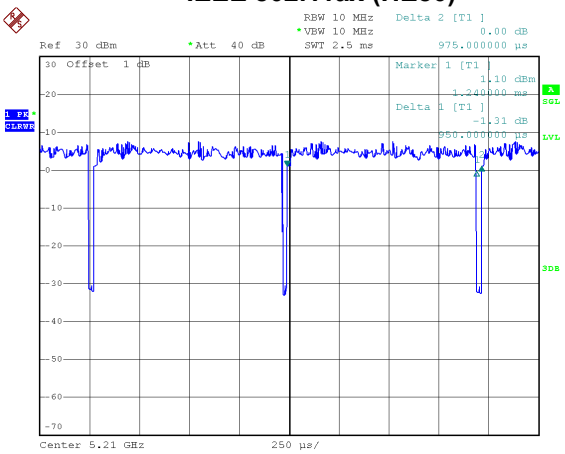
IEEE 802.11ax (HE40)



Date: 18.FEB.2021 15:17:24

Duty cycle = 1.920 ms / 1.952 ms = 98.36%
Duty Factor = 10 log(1 / Duty cycle) = 0.00

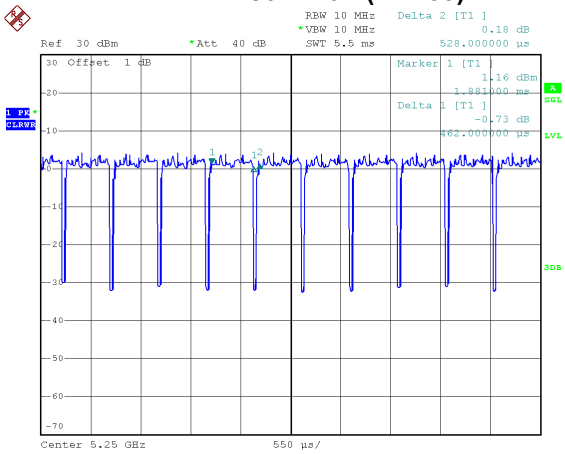
IEEE 802.11ax (HE80)



Date: 18.FEB.2021 15:17:54

Duty cycle = 0.950 ms / 0.975 ms = 97.44%
Duty Factor = 10 log(1 / Duty cycle) = 0.11

IEEE 802.11ax (HE160)

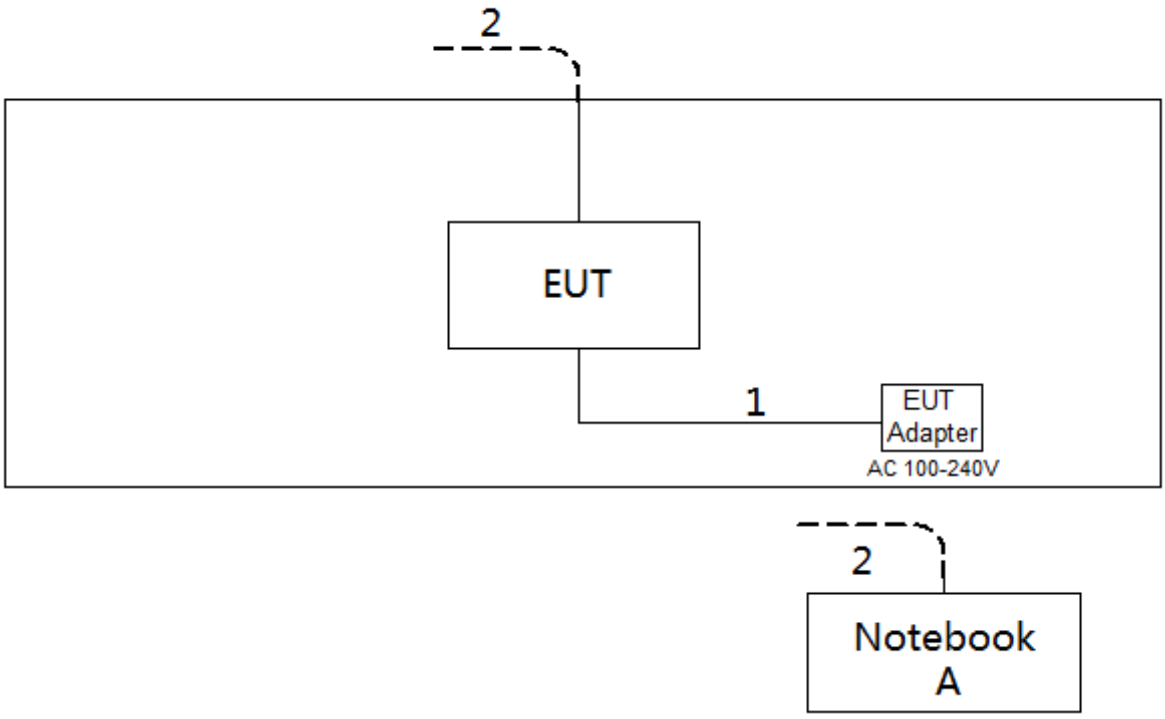


Date: 18.FEB.2021 15:24:35

Duty cycle = 0.462 ms / 0.528 ms = 87.50%
Duty Factor = 10 log(1 / Duty cycle) = 0.58

NOTE:
For IEEE 802.11a, IEEE 802.11n (HT20), IEEE 802.11ac (VHT20) and IEEE 802.11ax (HE20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).
For IEEE 802.11n (HT40), IEEE 802.11ac (VHT40) and IEEE 802.11ax (HE40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).
For IEEE 802.11ac (VHT80) and IEEE 802.11ax (HE80):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 kHz (Duty cycle < 98%).
For IEEE 802.11ac (VHT160) and IEEE 802.11ax (HE160):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 kHz (Duty cycle < 98%).

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

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

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

3. AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

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

The following table is the setting of the receiver

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

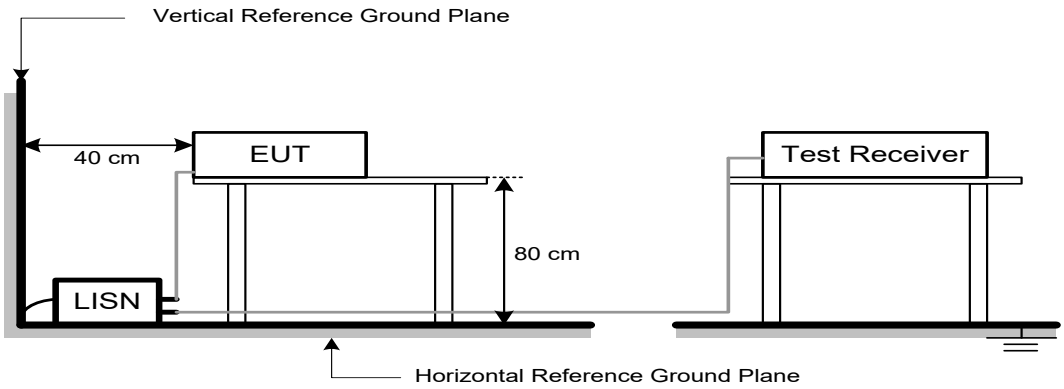
3.2 TEST PROCEDURE

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

3.3 DEVIATION FROM TEST STANDARD

No deviation

3.4 TEST SETUP



3.5 EUT OPERATION CONDITIONS

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

3.6 TEST RESULTS

Please refer to the APPENDIX A.

4. RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequency (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 NOTE (2)	68.3
	10 NOTE (2)	105.3
	15.6 NOTE (2)	110.9
	27 NOTE (2)	122.3

NOTE:

(1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

(2) According to 15.407(b)(4)(i), all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

4.2 TEST PROCEDURE

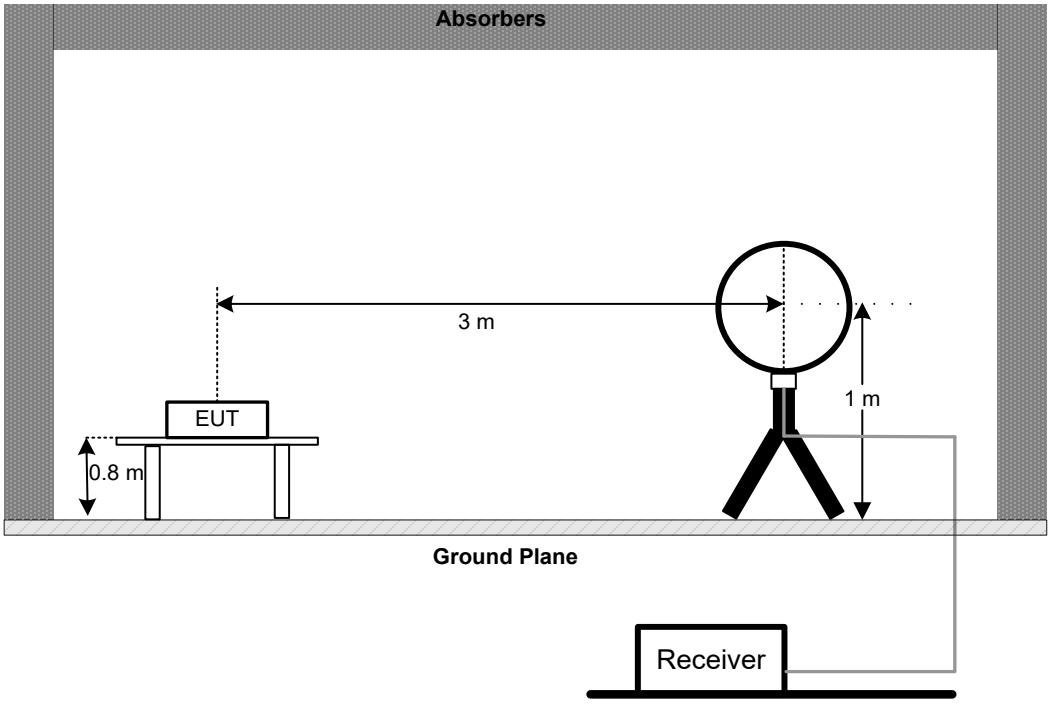
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.3 DEVIATION FROM TEST STANDARD

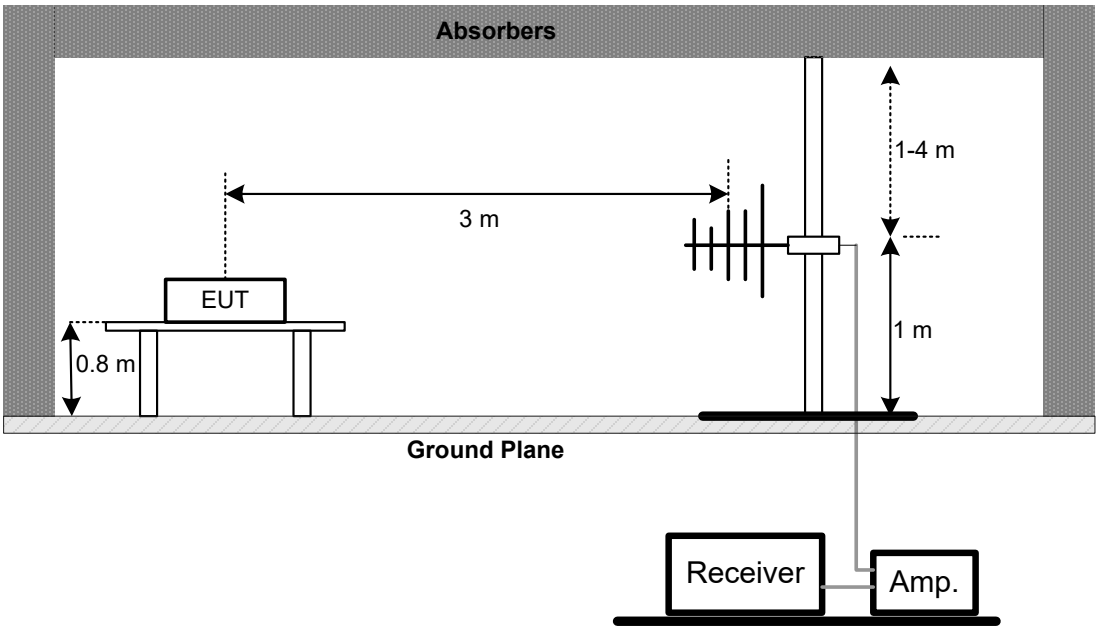
No deviation

4.4 TEST SETUP

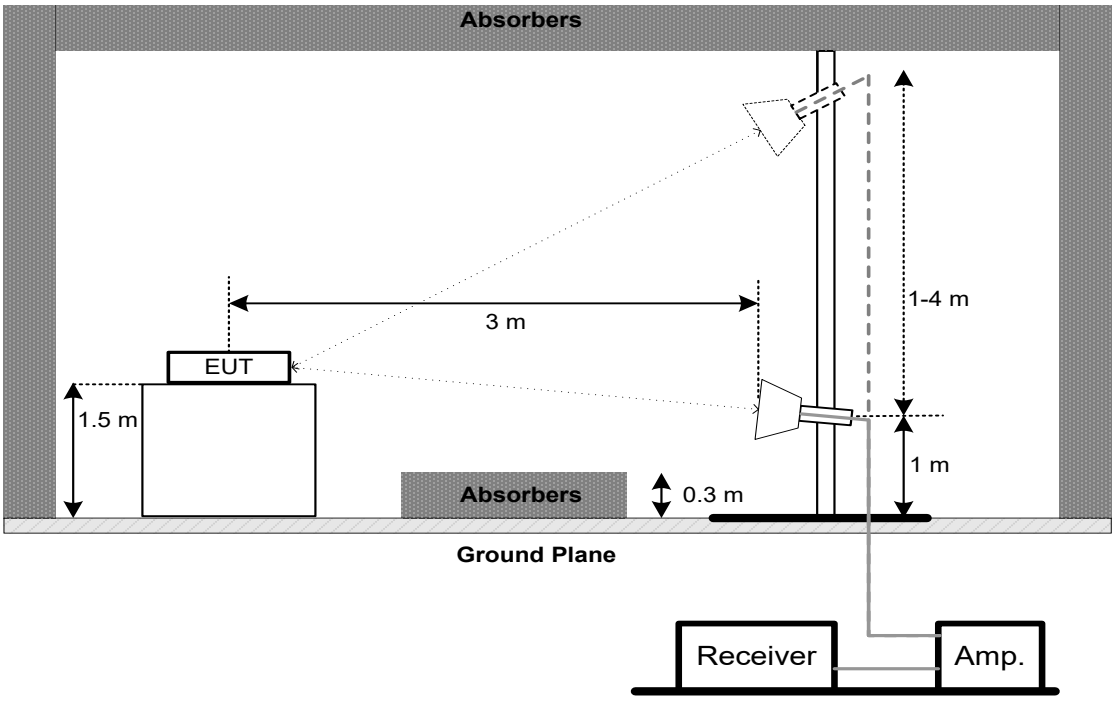
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATION CONDITIONS

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

4.6 TEST RESULTS - 9 KHZ to 30 MHZ

Please refer to the APPENDIX B

Remark:

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

4.7 TEST RESULTS - 30 MHz TO 1000 MHz

Please refer to the APPENDIX C.

4.8 TEST RESULTS - ABOVE 1000 MHz

Please refer to the APPENDIX D.

Remark:

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

5. BANDWIDTH TEST

5.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a) 15.407(e)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
	26 dB Bandwidth	-	5470-5725
	6 dB Bandwidth	Minimum 500 kHz	5725-5850

5.2 TEST PROCEDURE

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

b. Spectrum Setting:

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

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> 26 dB Bandwidth
RBW	300 kHz (Bandwidth 20 MHz and Bandwidth 40 MHz) 1 MHz (Bandwidth 80 MHz)
VBW	1 MHz (Bandwidth 20 MHz and Bandwidth 40 MHz) 3 MHz (Bandwidth 80 MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For UNII-3:

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

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

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP

5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.

6. MAXIMUM OUTPUT POWER TEST

6.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Maximum Output Power	AP device: 1 Watt (30 dBm) Client device: 250 mW (24 dBm)	5150-5250
		250 mW (24 dBm)	5250-5350
		250 mW (24 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

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

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

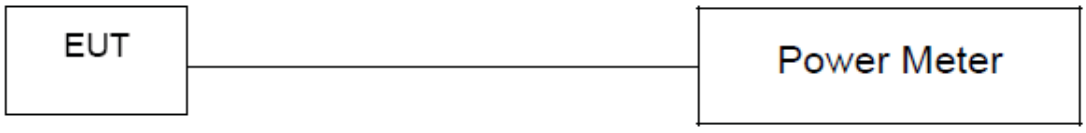
6.2 TEST PROCEDURE

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

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.

7. POWER SPECTRAL DENSITY TEST

7.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	AP device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

7.2 TEST PROCEDURE

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

b. Spectrum Setting:

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

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

For UNII-3:

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

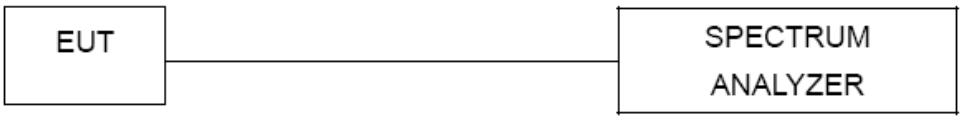
Note:

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

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.

8. FREQUENCY STABILITY MEASUREMENT

8.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(g)	Frequency Stability	An emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.	5150-5250
			5250-5350
			5470-5725
			5725-5850

8.2 TEST PROCEDURE

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

b. Spectrum Setting:

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

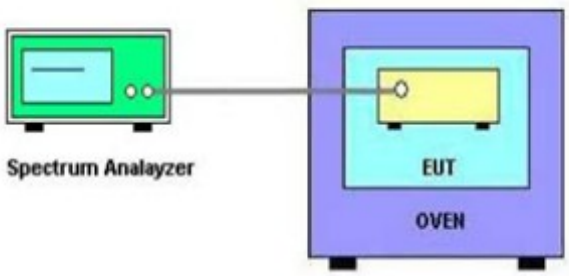
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

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

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.

9. MEASUREMENT INSTRUMENTS LIST

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

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	EM	EM-6876-1	230	Apr. 16, 2021
2	Cable	N/A	RG 213/U	N/A	May 29, 2021
3	EMI Test Receiver	R&S	ESCI	100895	Feb. 27, 2022
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	586	Nov. 27, 2021
2	Amplifier	HP	8447D	2944A08742	Feb. 28, 2022
3	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 22, 2021
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	May 12, 2021
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jul. 07, 2021
3	Amplifier	Agilent	8449B	3008A02584	Jul. 25, 2021
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 28, 2022
5	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	N/A	EMC104-SM-SM-6000	N/A	Oct. 16, 2021
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Band Reject Filter	Micro-Tronics	BRC50705-01	10	Feb. 27, 2022
11	Band Reject Filter	Micro-Tronics	BRC50704-01	8	Feb. 27, 2022
12	Band Reject Filter	Micro-Tronics	BRC50703-01	7	Feb. 27, 2022
13	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Bandwidth & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 25, 2021
2	RF Cable	Tongkaichuan	N/A	N/A	N/A
3	DC Block	Mini	N/A	N/A	N/A
4	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Aug. 07, 2021
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 25, 2021
3	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

Frequency Stability					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 25, 2021
2	Precision Oven Tester	CEPREI	CEEC-M64T-40	15-008	Feb. 27, 2022
3	RF Cable	Tongkaichuan	N/A	N/A	N/A
4	DC Block	Mini	N/A	N/A	N/A
5	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022

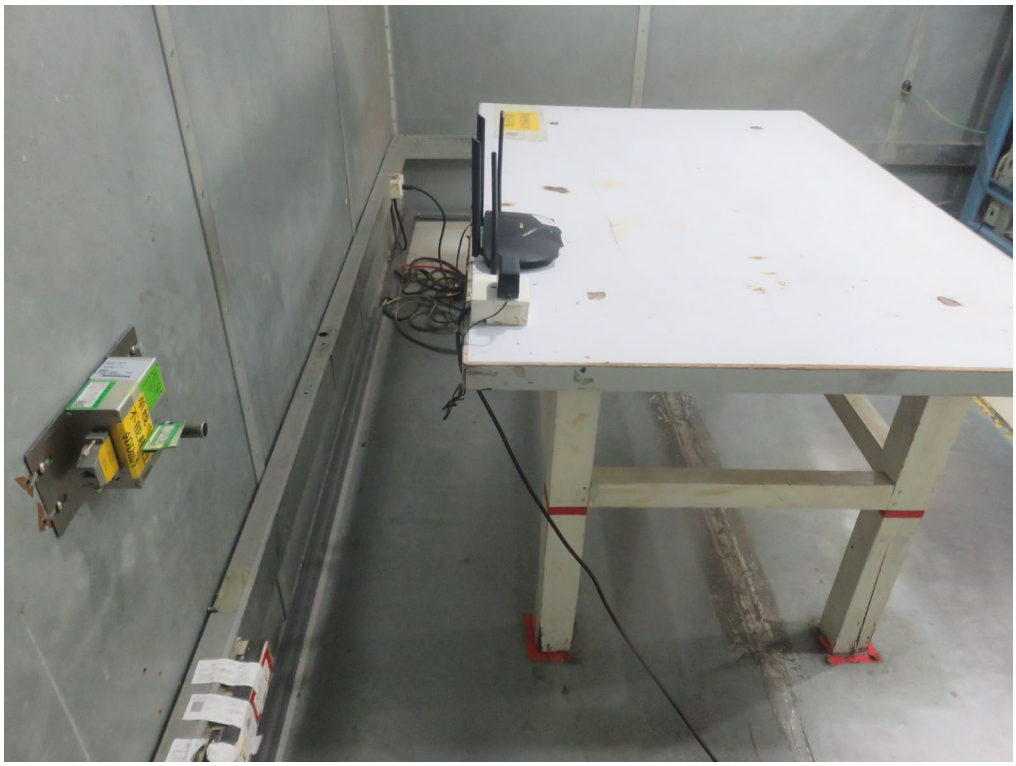
Remark: “N/A” denotes no model name, serial no. or calibration specified.

“*” calibration period of equipment list is three year.

Except * item, all calibration period of equipment list is one year.

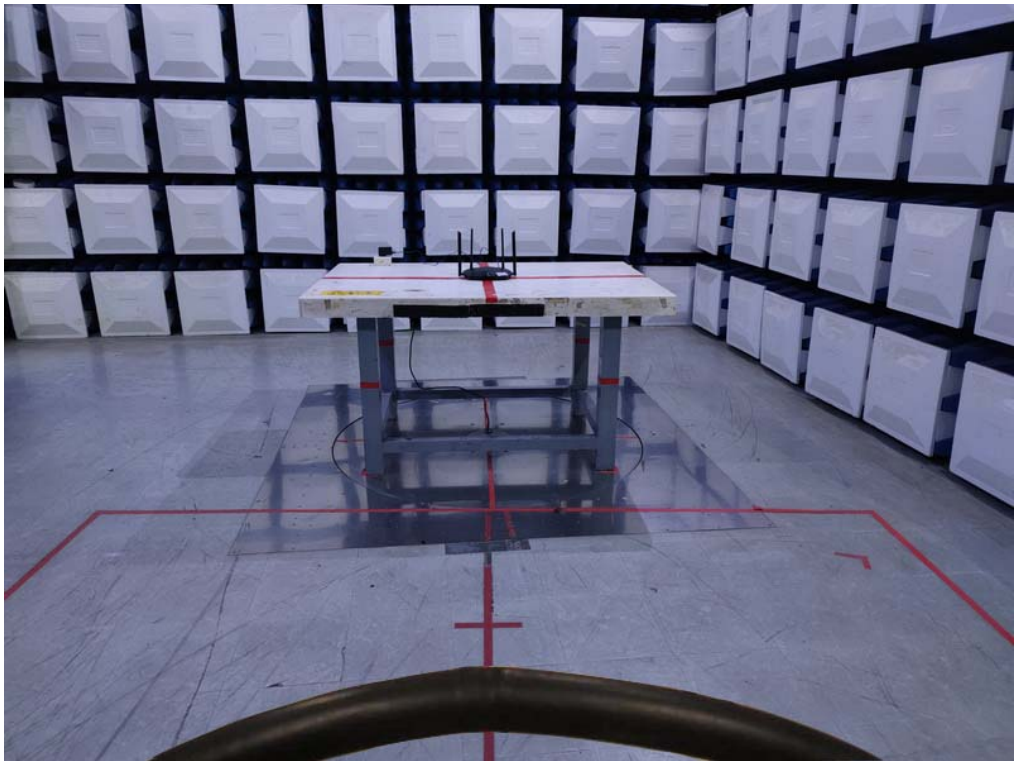
10. EUT TEST PHOTOS

AC Power Line Conducted Emissions Test Photos



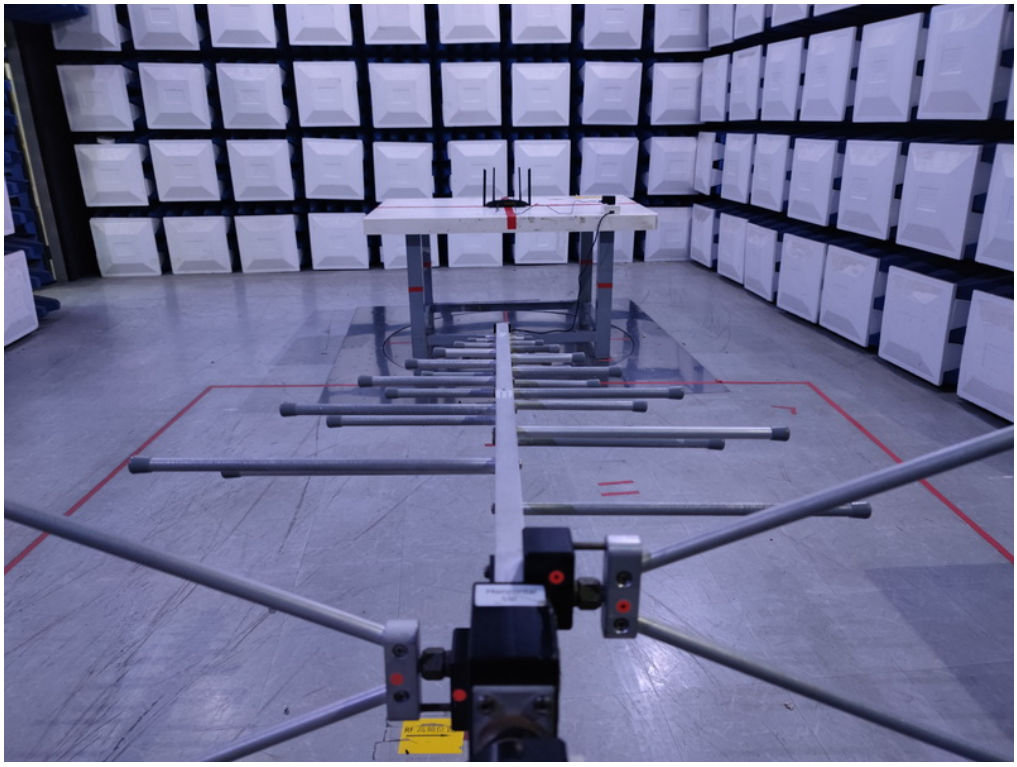
Radiated Emissions Test Photos

9 kHz to 30 MHz



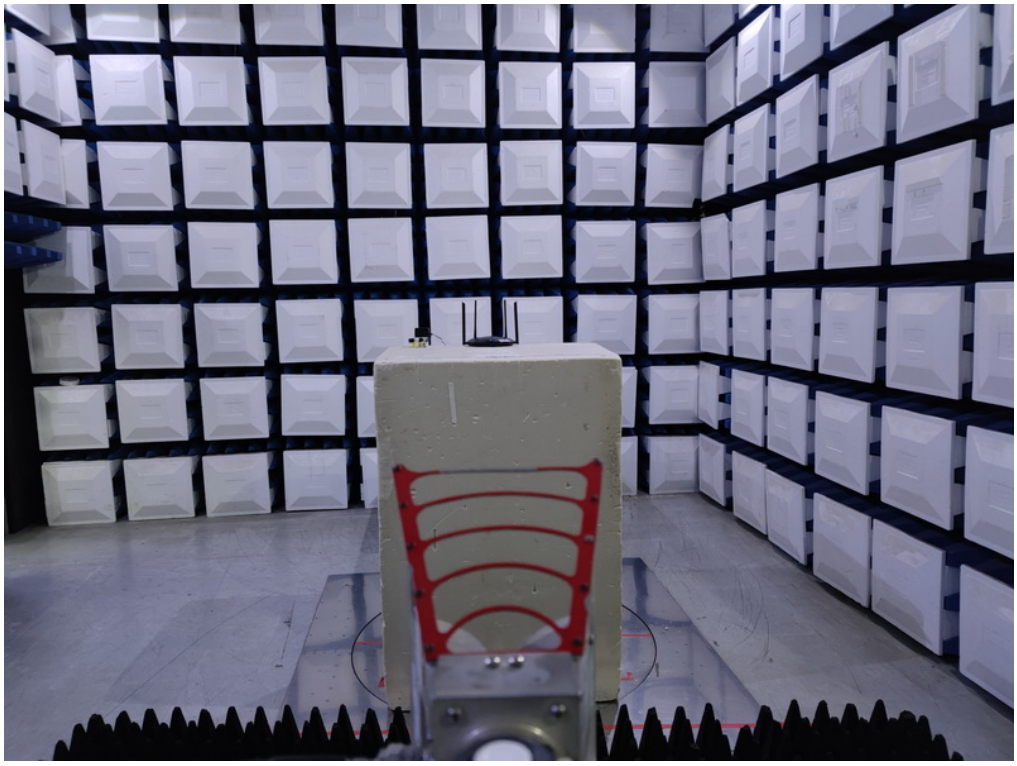
Radiated Emissions Test Photos

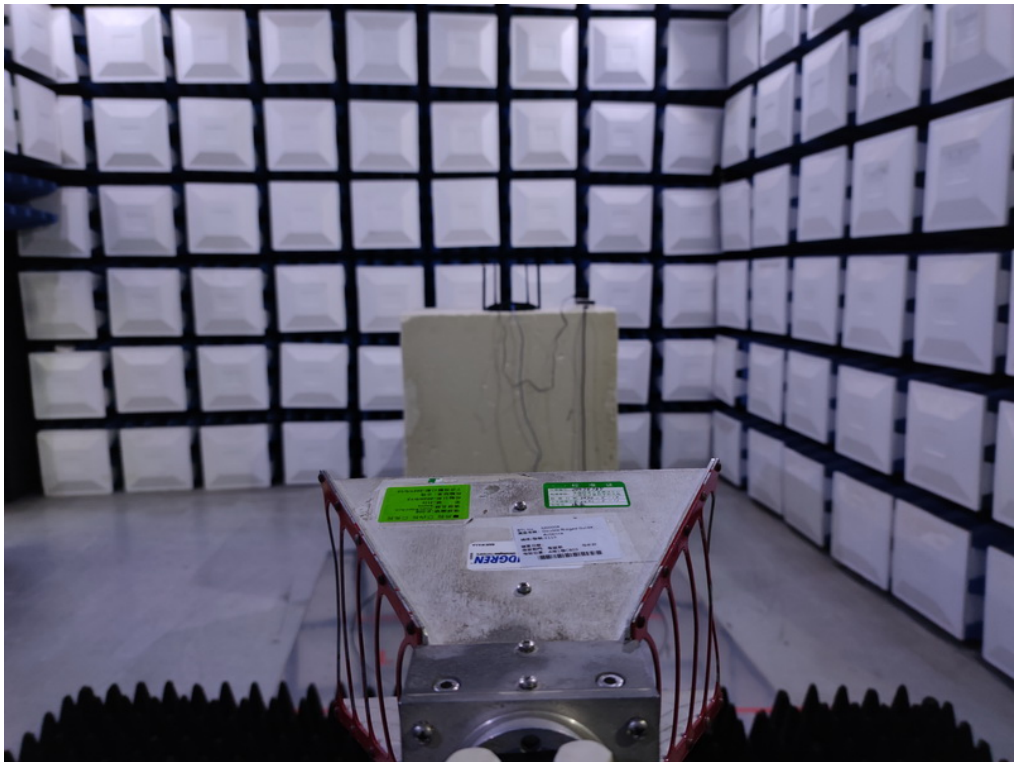
30 MHz to 1 GHz



Radiated Emissions Test Photos

Above 1 GHz

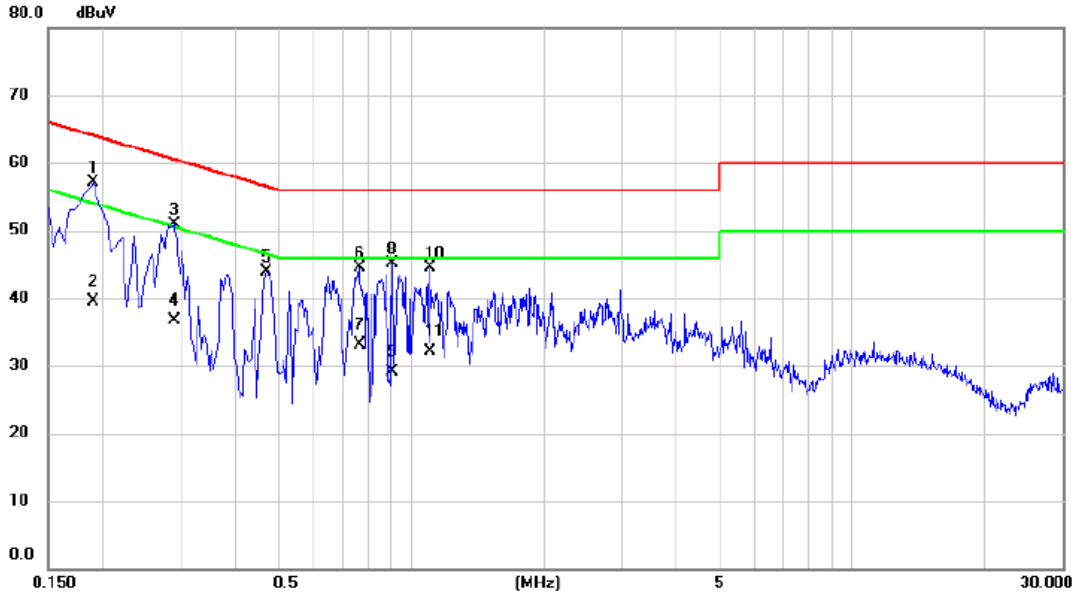




APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Voltage:	AC 120V/60Hz
Test Mode:	TX AC20 MODE CHANNEL 165

Line

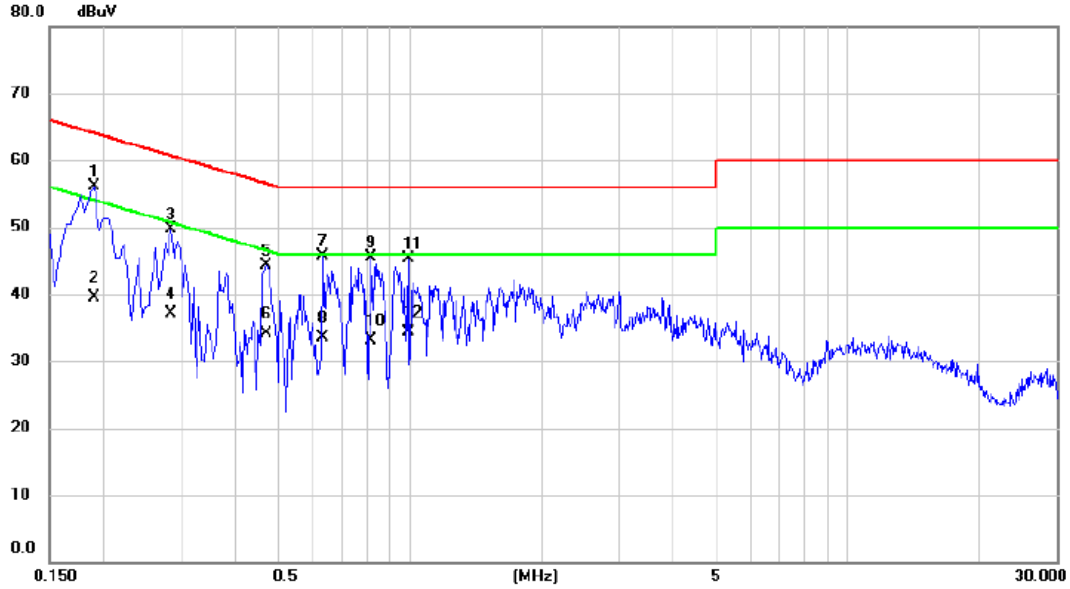


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1905	47.27	9.88	57.15	64.01	-6.86	peak	
2		0.1905	29.60	9.88	39.48	54.01	-14.53	AVG	
3		0.2895	41.03	9.88	50.91	60.54	-9.63	peak	
4		0.2895	26.80	9.88	36.68	50.54	-13.86	AVG	
5		0.4695	34.02	9.92	43.94	56.52	-12.58	peak	
6		0.7620	34.60	9.92	44.52	56.00	-11.48	peak	
7		0.7620	23.10	9.92	33.02	46.00	-12.98	AVG	
8		0.9060	35.04	9.97	45.01	56.00	-10.99	peak	
9		0.9060	19.20	9.97	29.17	46.00	-16.83	AVG	
10		1.1040	34.47	9.99	44.46	56.00	-11.54	peak	
11		1.1040	22.20	9.99	32.19	46.00	-13.81	AVG	

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

Test Voltage:	AC 120V/60Hz
Test Mode:	TX AC20 MODE CHANNEL 165

Neutral

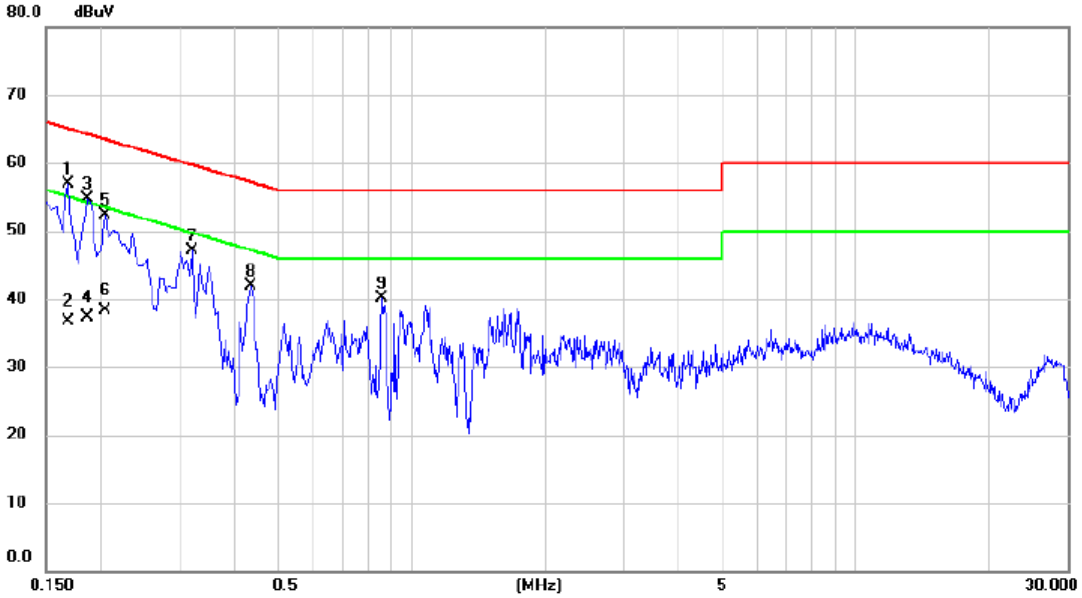


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1905	46.08	9.98	56.06	64.01	-7.95	peak	
2		0.1905	29.60	9.98	39.58	54.01	-14.43	AVG	
3		0.2850	39.78	10.00	49.78	60.67	-10.89	peak	
4		0.2850	27.10	10.00	37.10	50.67	-13.57	AVG	
5		0.4695	34.22	10.11	44.33	56.52	-12.19	peak	
6		0.4695	23.90	10.11	34.01	46.52	-12.51	AVG	
7		0.6315	35.48	10.14	45.62	56.00	-10.38	peak	
8		0.6315	23.40	10.14	33.54	46.00	-12.46	AVG	
9		0.8160	35.30	10.22	45.52	56.00	-10.48	peak	
10		0.8160	22.80	10.22	33.02	46.00	-12.98	AVG	
11		0.9915	35.00	10.27	45.27	56.00	-10.73	peak	
12		0.9915	24.10	10.27	34.37	46.00	-11.63	AVG	

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

Test Voltage:	AC 240V/50Hz
Test Mode:	TX AC20 MODE CHANNEL 165

Line

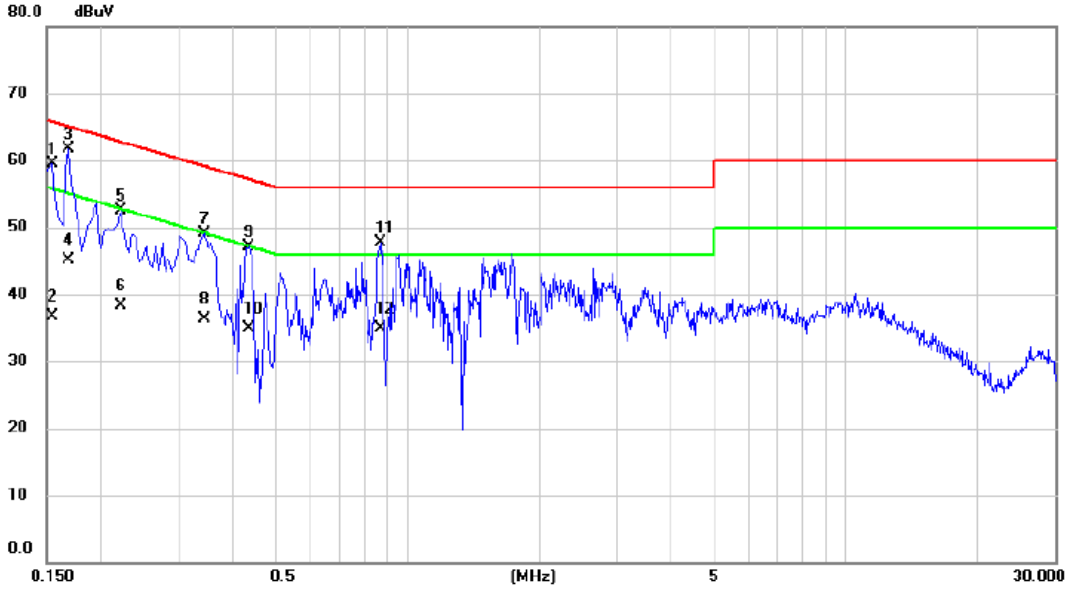


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1680	47.00	9.81	56.81	65.06	-8.25	peak	
2		0.1680	26.80	9.81	36.61	55.06	-18.45	AVG	
3		0.1860	44.79	9.86	54.65	64.21	-9.56	peak	
4		0.1860	27.40	9.86	37.26	54.21	-16.95	AVG	
5		0.2040	42.34	9.91	52.25	63.45	-11.20	peak	
6		0.2040	28.30	9.91	38.21	53.45	-15.24	AVG	
7		0.3210	37.19	9.88	47.07	59.68	-12.61	peak	
8		0.4335	32.06	9.91	41.97	57.19	-15.22	peak	
9		0.8565	30.08	9.97	40.05	56.00	-15.95	peak	

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

Test Voltage:	AC 240V/50Hz
Test Mode:	TX AC20 MODE CHANNEL 165

Neutral



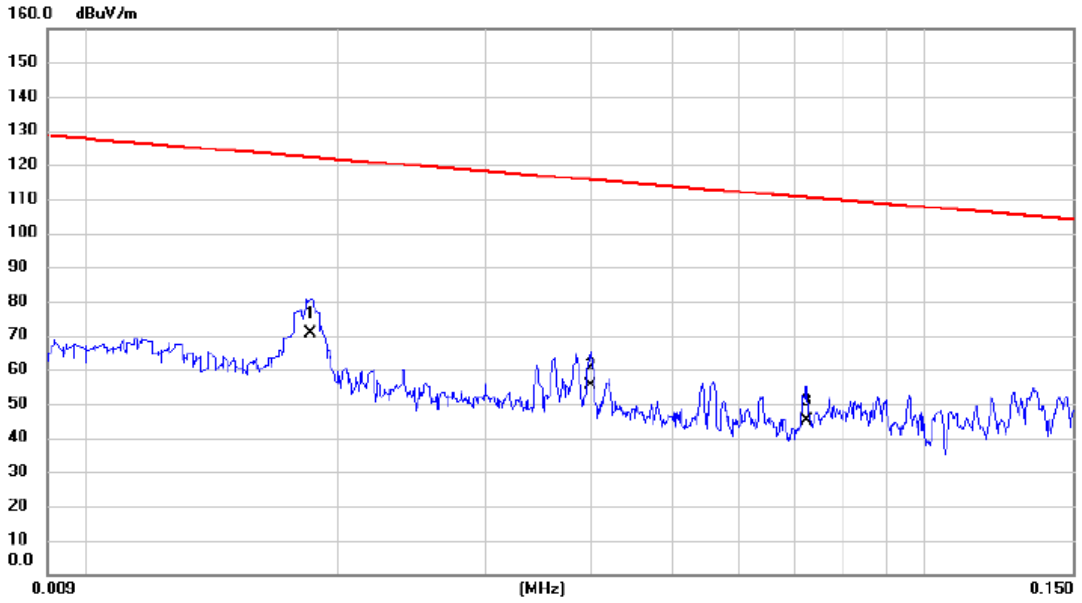
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1545	49.70	9.77	59.47	65.75	-6.28	peak	
2		0.1545	26.90	9.77	36.67	55.75	-19.08	AVG	
3	*	0.1680	51.92	9.88	61.80	65.06	-3.26	peak	
4		0.1680	35.20	9.88	45.08	55.06	-9.98	AVG	
5		0.2220	42.45	9.99	52.44	62.74	-10.30	peak	
6		0.2220	28.40	9.99	38.39	52.74	-14.35	AVG	
7		0.3435	39.06	10.03	49.09	59.12	-10.03	peak	
8		0.3435	26.30	10.03	36.33	49.12	-12.79	AVG	
9		0.4335	36.95	10.08	47.03	57.19	-10.16	peak	
10		0.4335	24.90	10.08	34.98	47.19	-12.21	AVG	
11		0.8700	37.46	10.23	47.69	56.00	-8.31	peak	
12		0.8700	24.70	10.23	34.93	46.00	-11.07	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 AC20 MODE CHANNEL 165

Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0185	57.01	13.68	70.69	122.26	-51.57	AVG			
2		0.0400	42.81	12.69	55.50	115.56	-60.06	AVG			
3		0.0724	32.64	12.55	45.19	110.41	-65.22	AVG			

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

Test Mode:	TX AC20 MODE CHANNEL 165

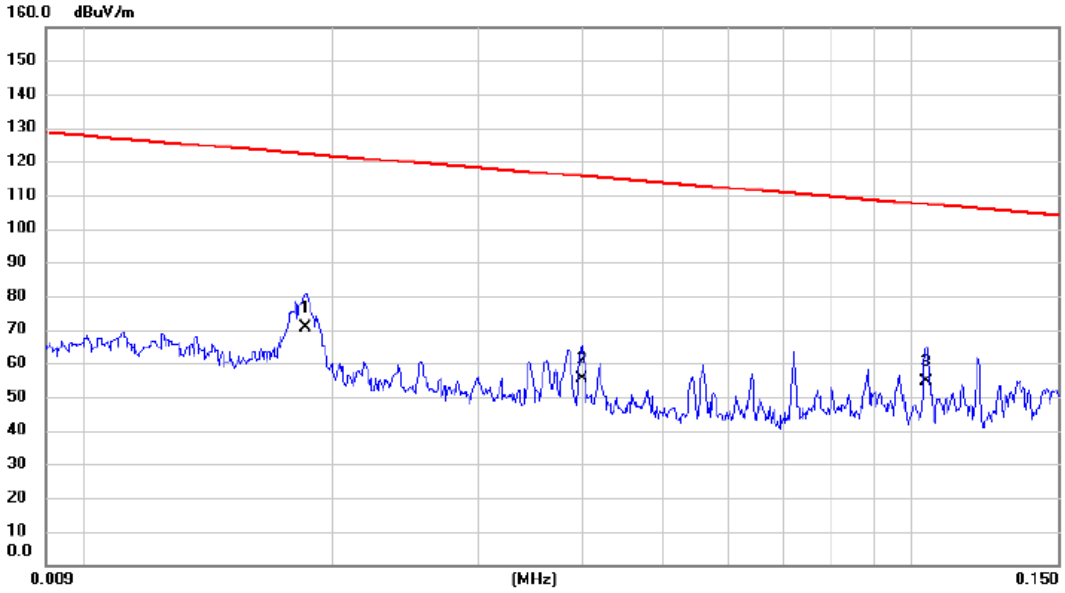
Ant 0°

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.3997	47.35	12.26	59.61	95.57	-35.96	AVG			
2	*	0.8437	46.25	11.86	58.11	69.08	-10.97	QP			
3		3.4906	39.84	10.88	50.72	69.54	-18.82	QP			

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

Test Mode:	TX AC20 MODE CHANNEL 165

Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0185	56.85	13.68	70.53	122.26	-51.73	AVG			
2		0.0400	42.53	12.69	55.22	115.56	-60.34	AVG			
3		0.1041	41.75	12.72	54.47	107.26	-52.79	AVG			

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

Test Mode:	TX AC20 MODE CHANNEL 165

Ant 90°

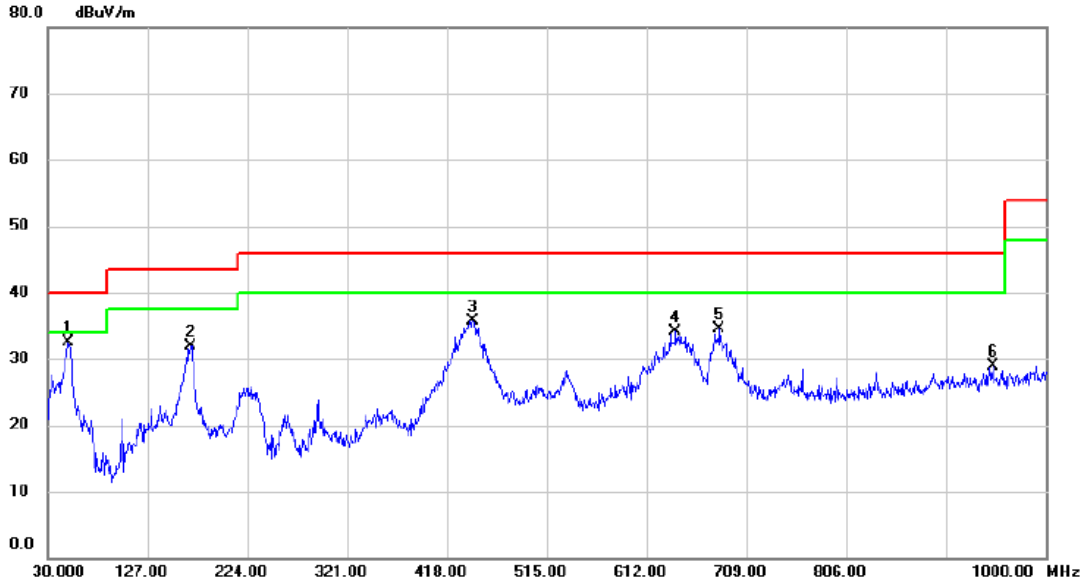
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.1904	54.01	12.76	66.77	102.01	-35.24	AVG			
2	*	0.8174	45.92	11.87	57.79	69.36	-11.57	QP			
3		3.7198	39.52	10.91	50.43	69.54	-19.11	QP			

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1 GHZ

Test Mode:	TX AC20 MODE CHANNEL 165

Vertical

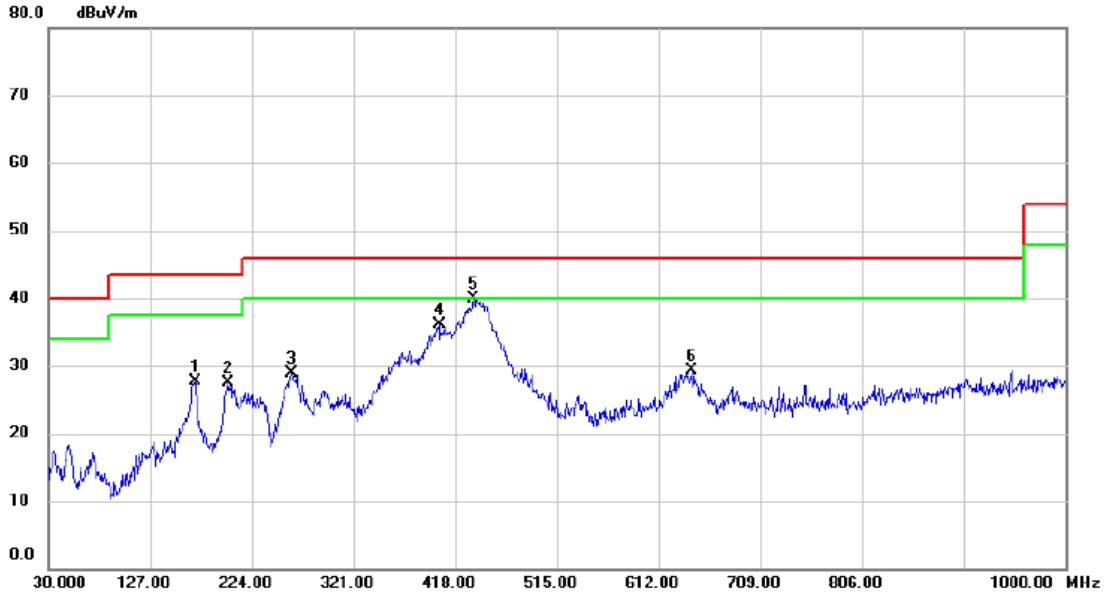


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	50.370	46.04	-13.56	32.48	40.00	-7.52	peak	
2		168.710	43.85	-11.90	31.95	43.50	-11.55	peak	
3		443.220	43.58	-7.82	35.76	46.00	-10.24	peak	
4		640.130	38.64	-4.49	34.15	46.00	-11.85	peak	
5		682.810	38.26	-3.81	34.45	46.00	-11.55	peak	
6		948.590	28.88	0.09	28.97	46.00	-17.03	peak	

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

Test Mode:	TX AC20 MODE CHANNEL 165

Horizontal



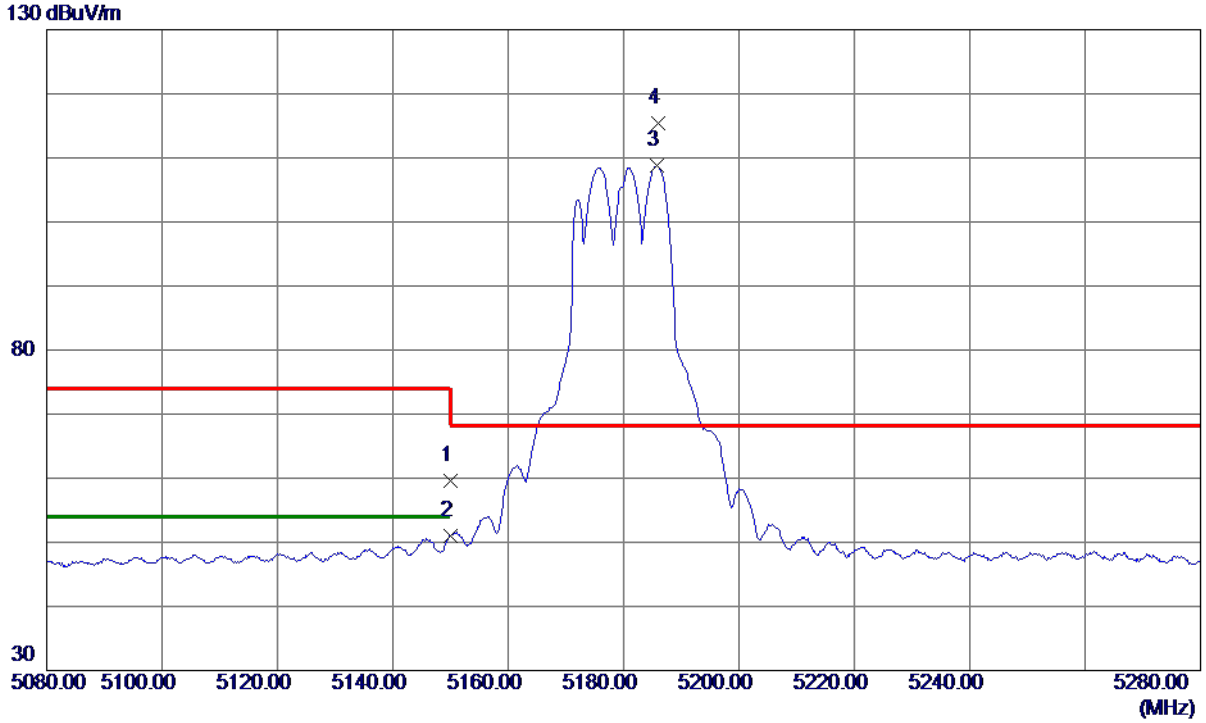
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		169.680	39.75	-12.03	27.72	43.50	-15.78	peak	
2		201.690	42.45	-14.87	27.58	43.50	-15.92	peak	
3		261.830	41.17	-12.30	28.87	46.00	-17.13	peak	
4		402.480	45.06	-8.94	36.12	46.00	-9.88	peak	
5	*	435.460	47.88	-8.04	39.84	46.00	-6.16	peak	
6		643.040	33.67	-4.43	29.24	46.00	-16.76	peak	

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5180 MHz

Vertical

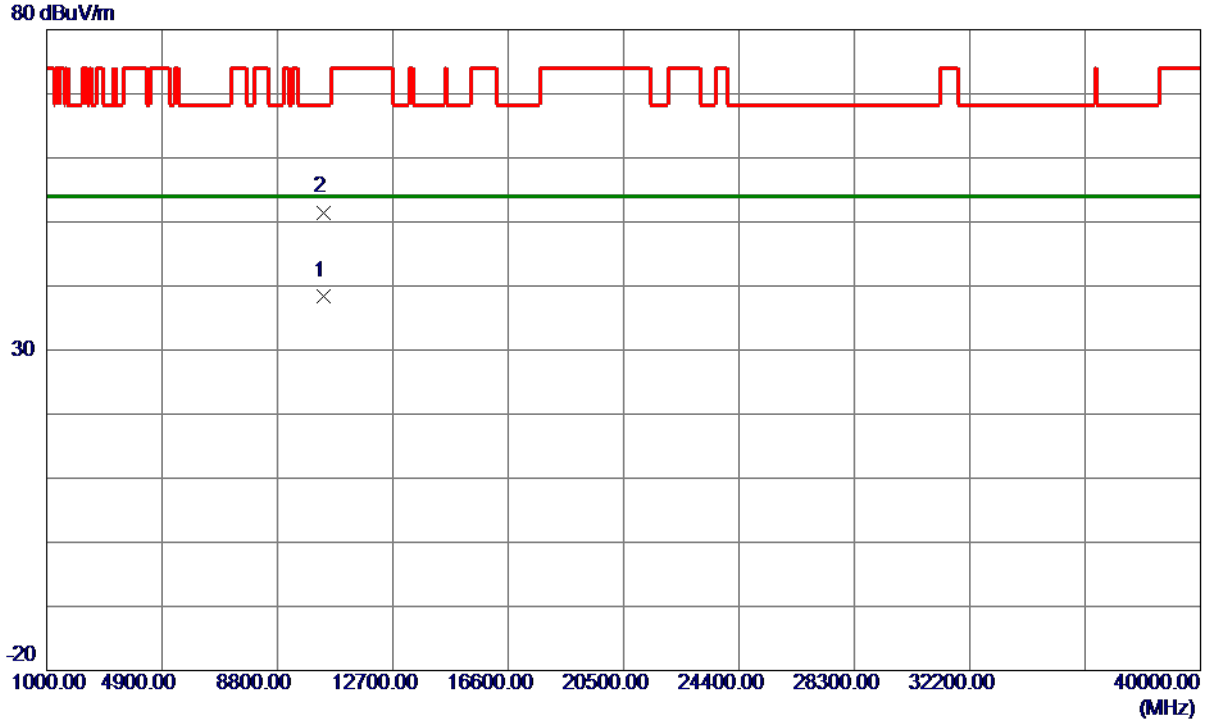


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	40.28	19.25	59.53	74.00	-14.47	Peak	
2	5150.0000	31.69	19.25	50.94	54.00	-3.06	AVG	
3	5185.8000	89.40	19.33	108.73	999.00	-890.27	AVG	No Limit
4 *	5186.0000	96.16	19.33	115.49	68.20	47.29	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5180 MHz

Vertical

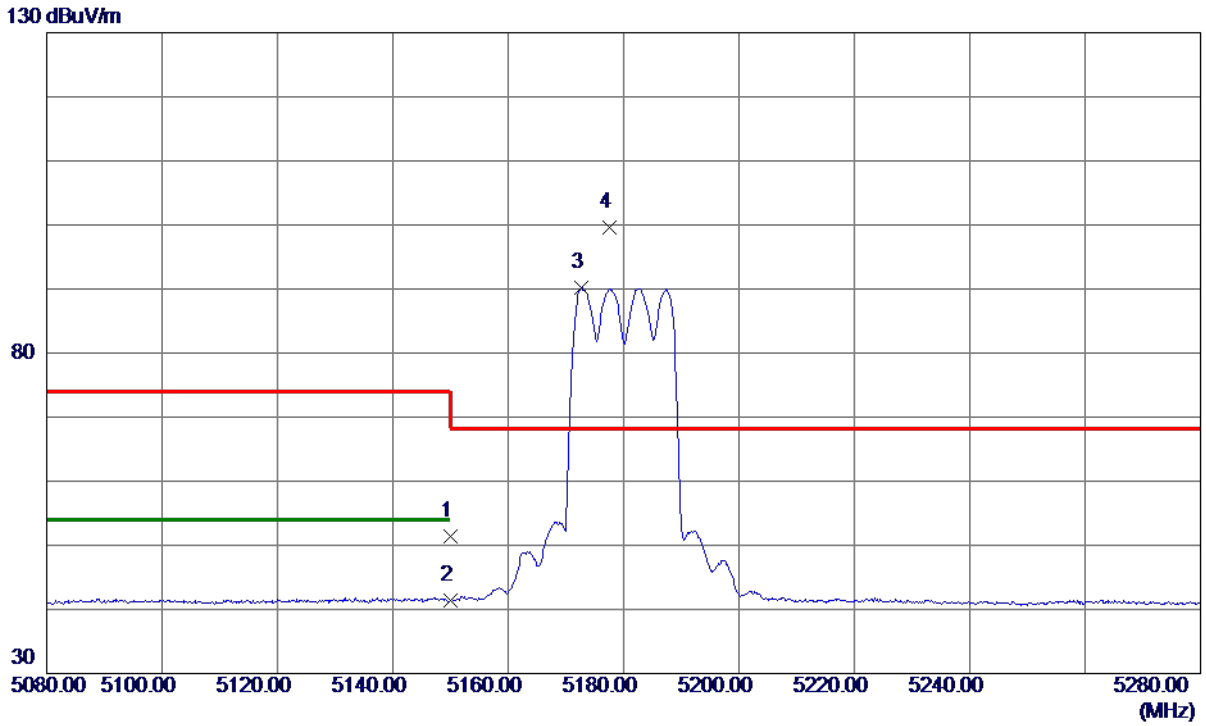


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.9250	23.34	15.09	38.43	54.00	-15.57	AVG	
2	10360.0850	36.41	15.09	51.50	68.30	-16.80	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5180 MHz

Horizontal

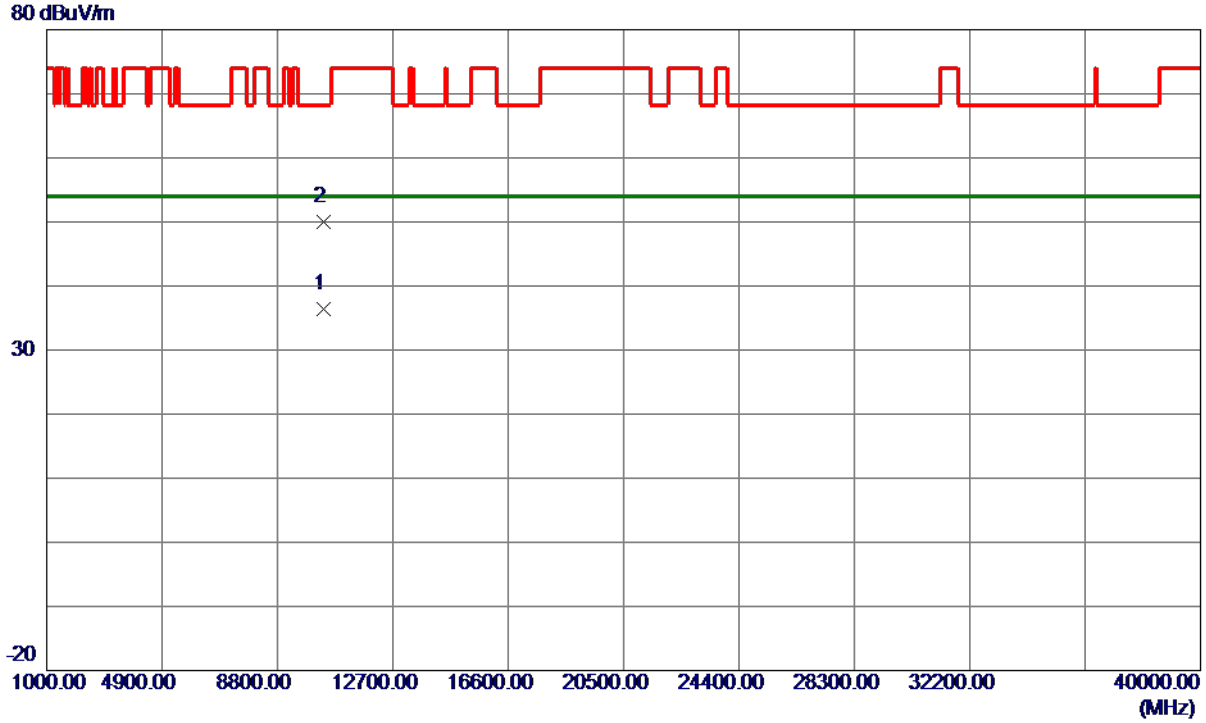


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	32.15	19.25	51.40	74.00	-22.60	Peak	
2	5150.0000	22.20	19.25	41.45	54.00	-12.55	AVG	
3	5172.7000	70.87	19.30	90.17	999.00	-908.83	AVG	No Limit
4 *	5177.5000	80.23	19.31	99.54	68.20	31.34	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5180 MHz

Horizontal

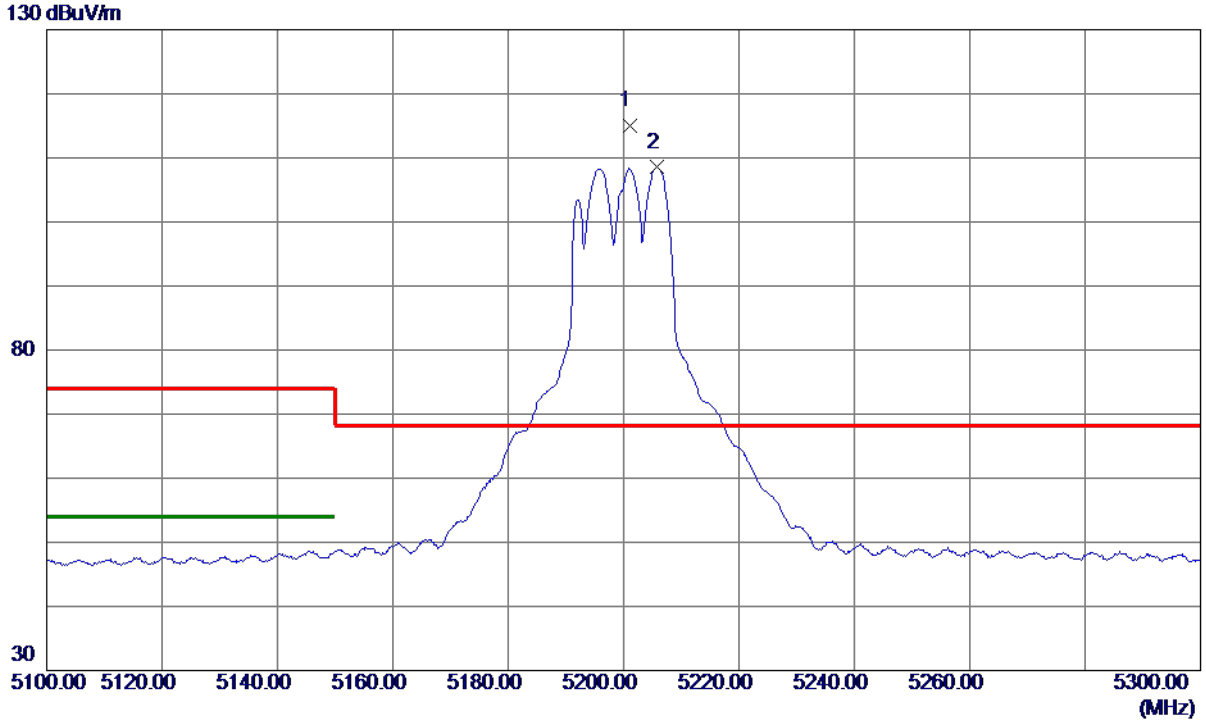


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.1630	21.40	15.09	36.49	54.00	-17.51	AVG	
2	10362.0400	34.91	15.09	50.00	68.30	-18.30	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5200 MHz

Vertical

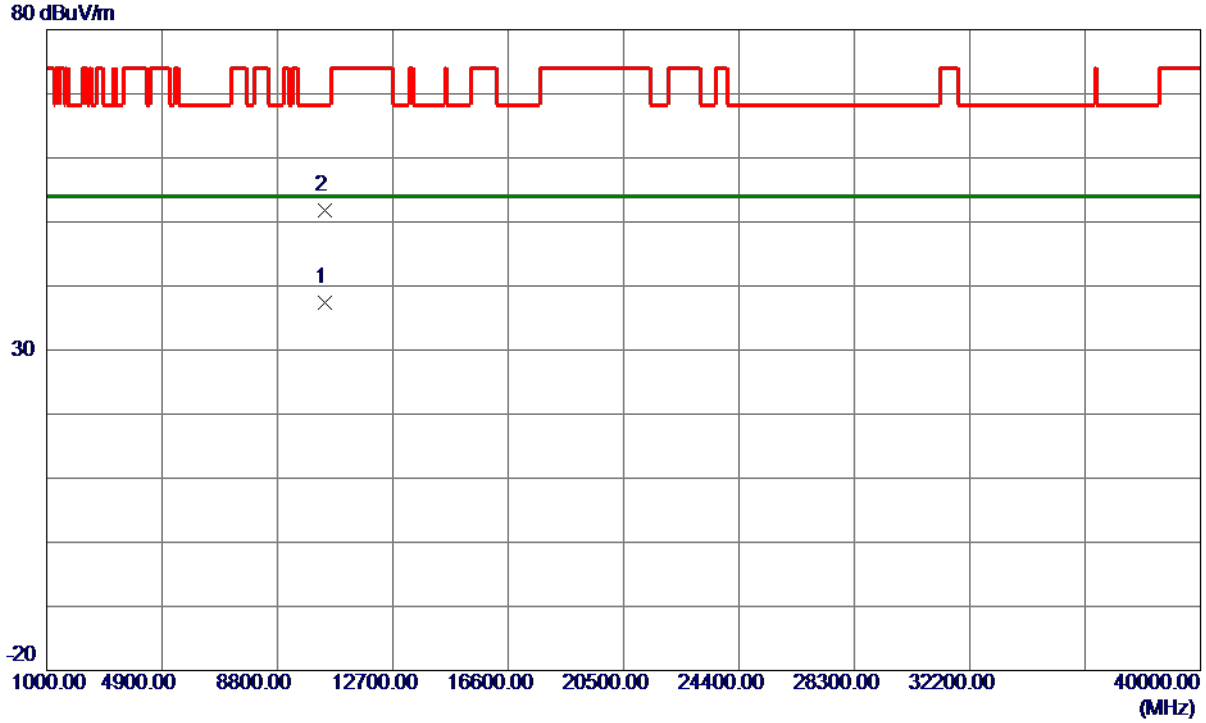


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5201.0000	95.62	19.37	114.99	68.20	46.79	Peak	No Limit
2	5205.8000	89.12	19.38	108.50	999.00	-890.50	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5200 MHz

Vertical

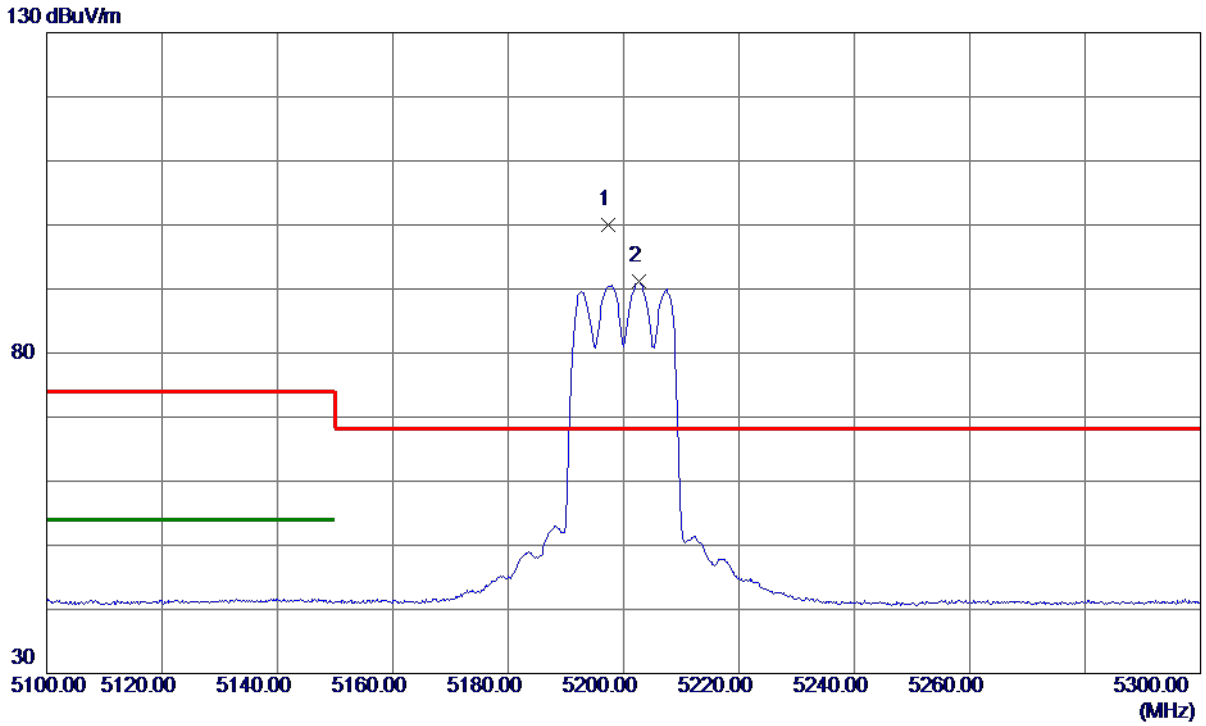


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.2200	22.25	15.16	37.41	54.00	-16.59	AVG	
2 *	10400.6769	36.67	15.16	51.83	68.30	-16.47	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5200 MHz

Horizontal

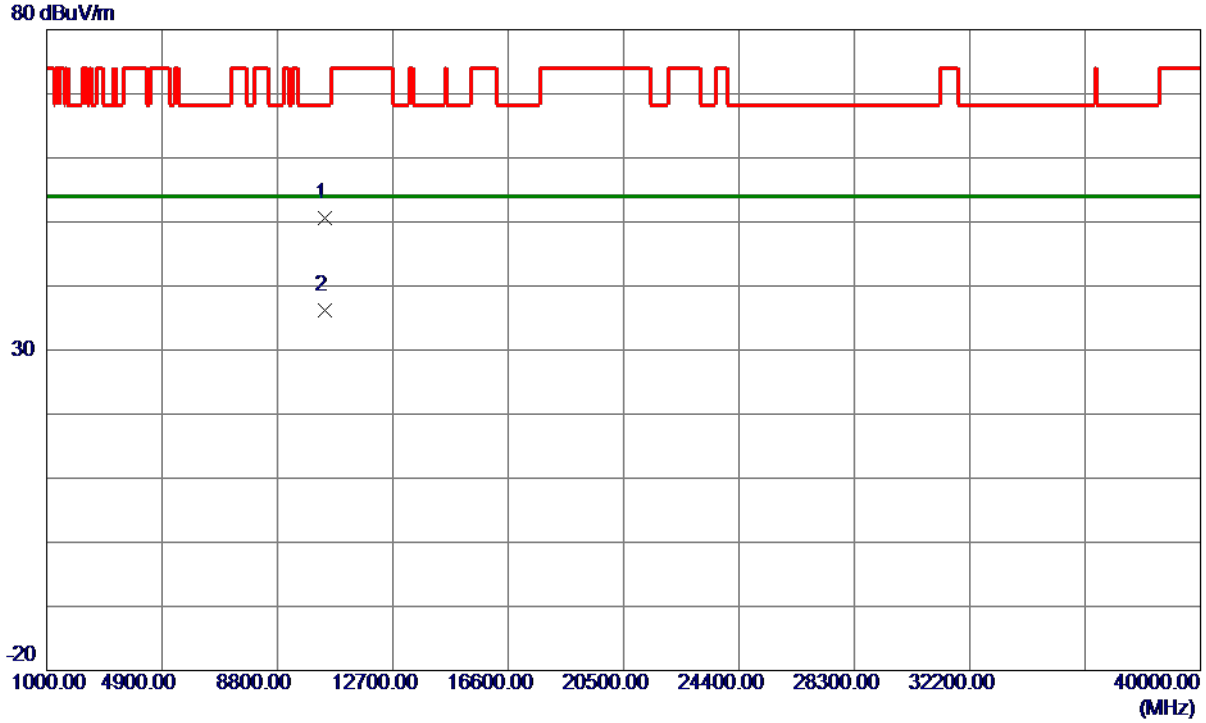


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5197.3000	80.69	19.36	100.05	68.20	31.85	Peak	No Limit
2	5202.6000	71.85	19.37	91.22	999.00	-907.78	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5200 MHz

Horizontal

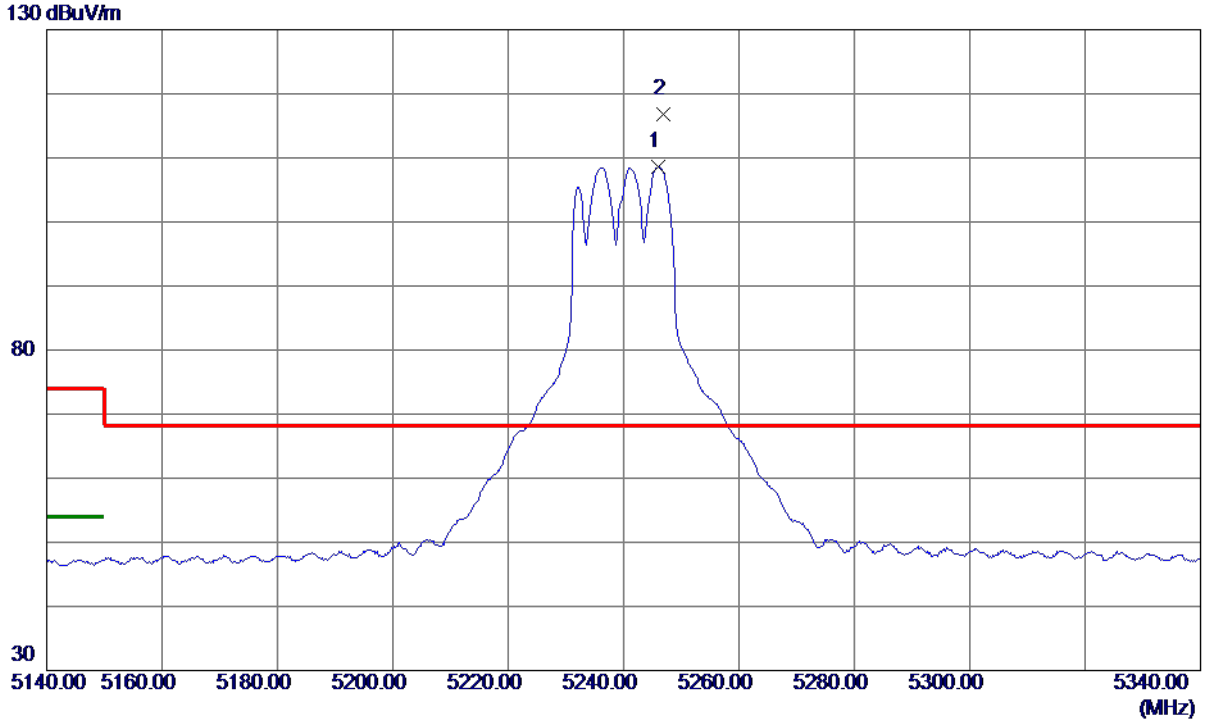


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0380	35.39	15.16	50.55	68.30	-17.75	Peak	
2	10400.0970	21.07	15.16	36.23	54.00	-17.77	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5240 MHz

Vertical

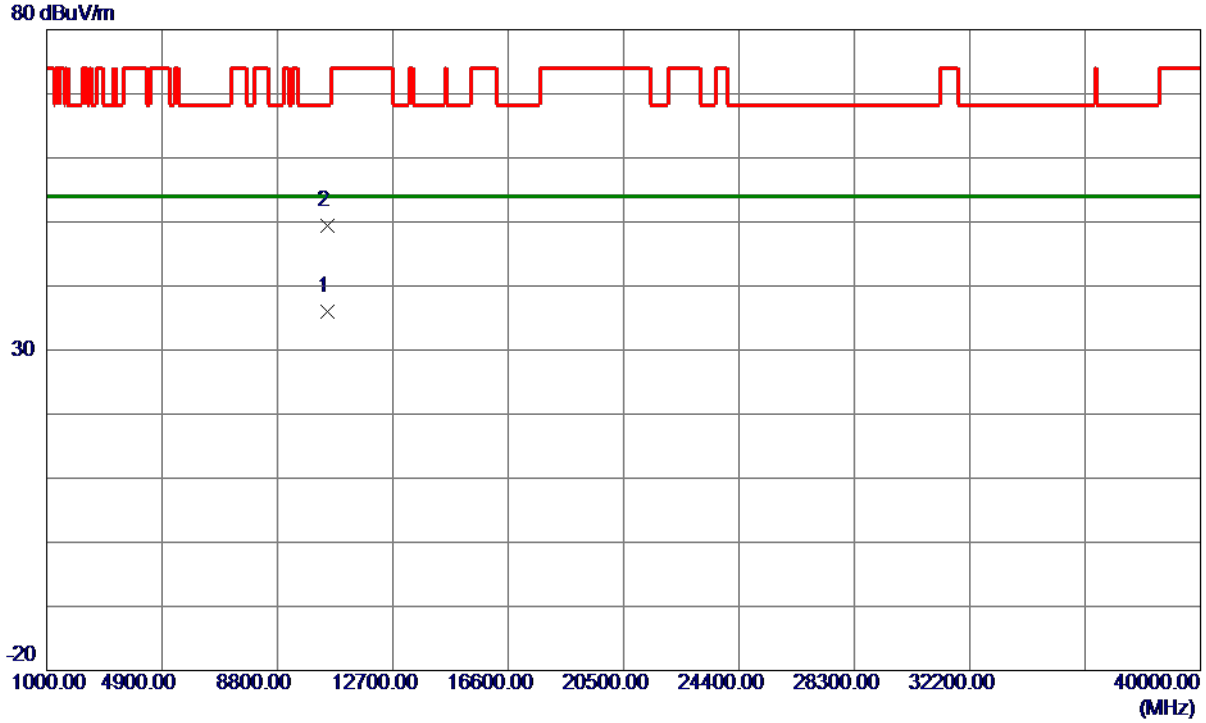


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5246.0000	89.11	19.47	108.58	999.00	-890.42	AVG	No Limit
2 *	5246.8000	97.26	19.48	116.74	68.20	48.54	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5240 MHz

Vertical

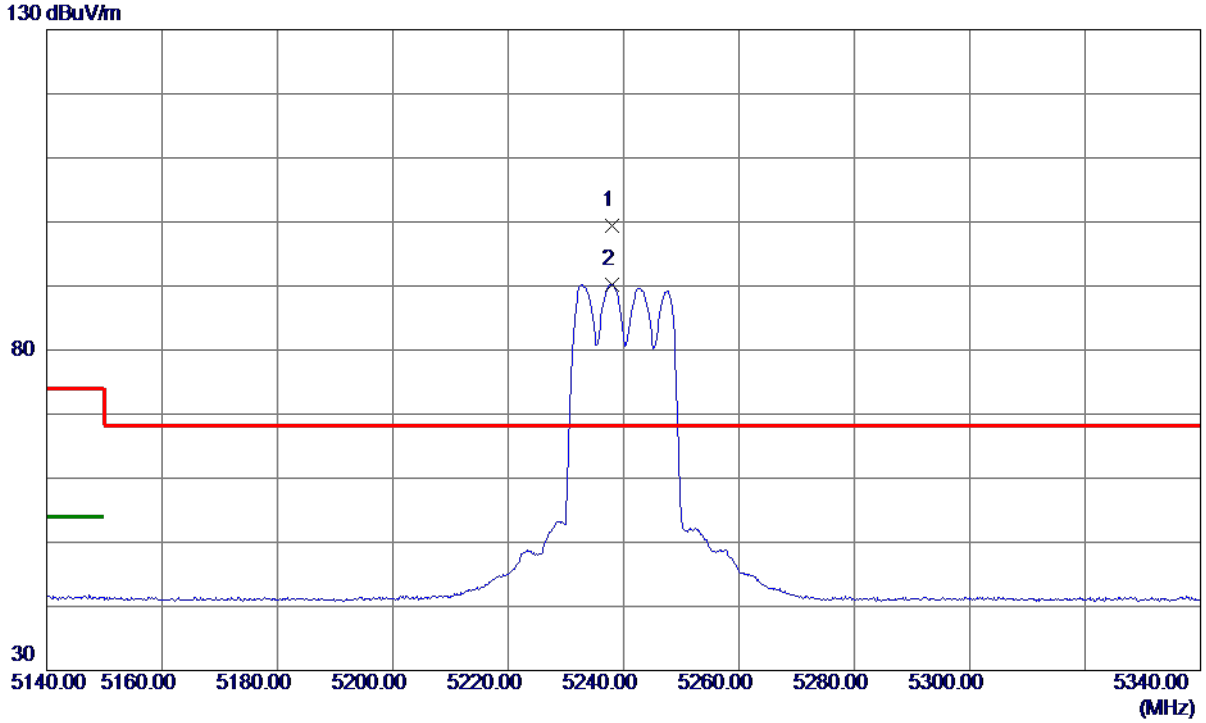


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.9970	20.67	15.30	35.97	54.00	-18.03	AVG	
2	10482.2450	34.19	15.30	49.49	68.30	-18.81	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5240 MHz

Horizontal

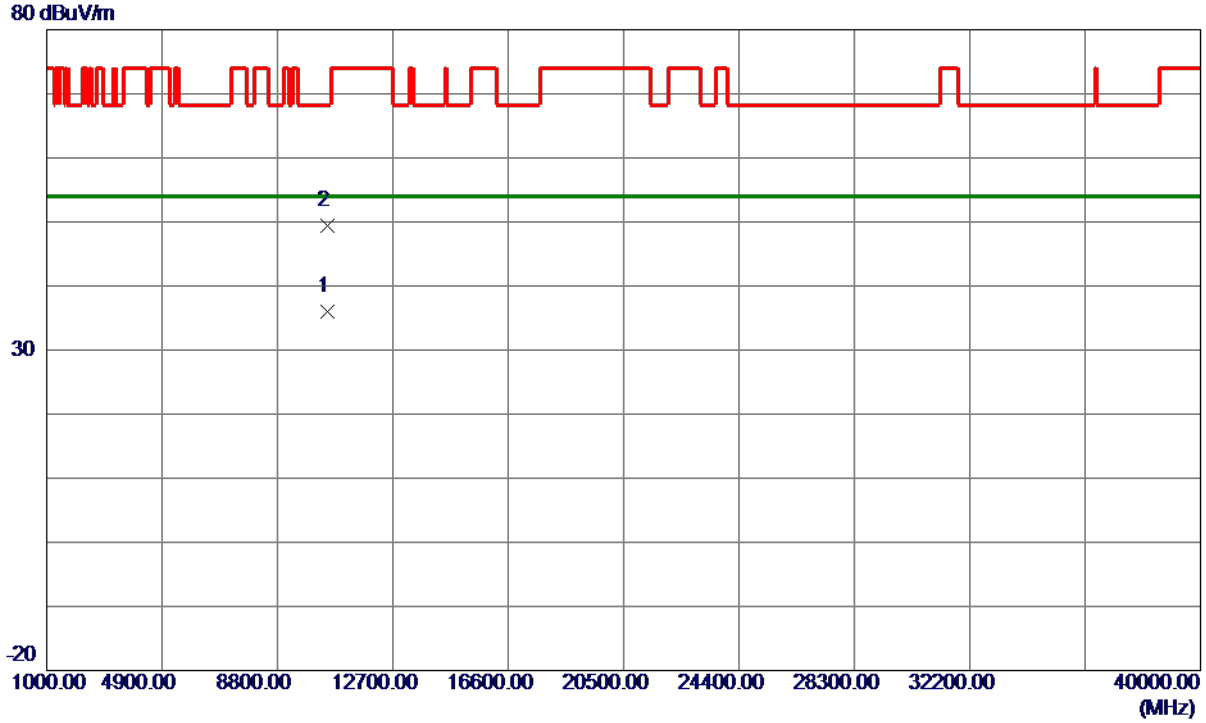


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5237.9000	79.92	19.45	99.37	68.20	31.17	Peak	No Limit
2	5237.9000	70.81	19.45	90.26	999.00	-908.74	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5240 MHz

Horizontal

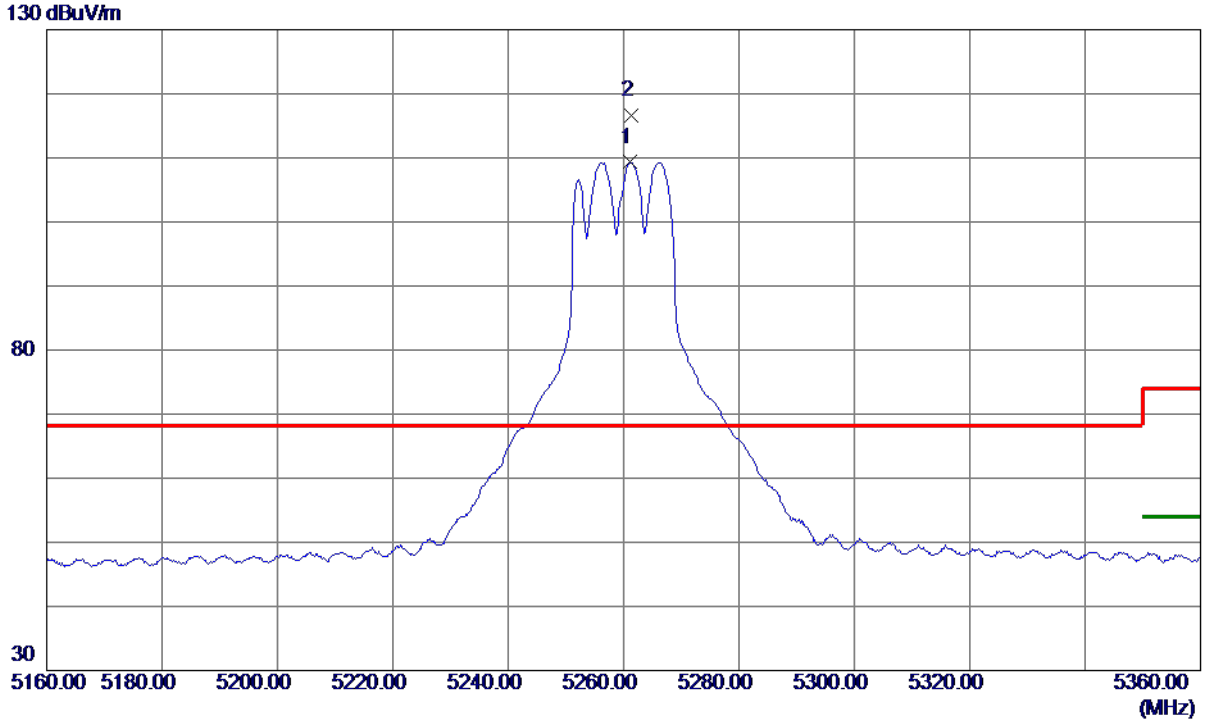


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.0850	20.78	15.30	36.08	54.00	-17.92	AVG	
2	10481.9230	34.19	15.30	49.49	68.30	-18.81	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Vertical

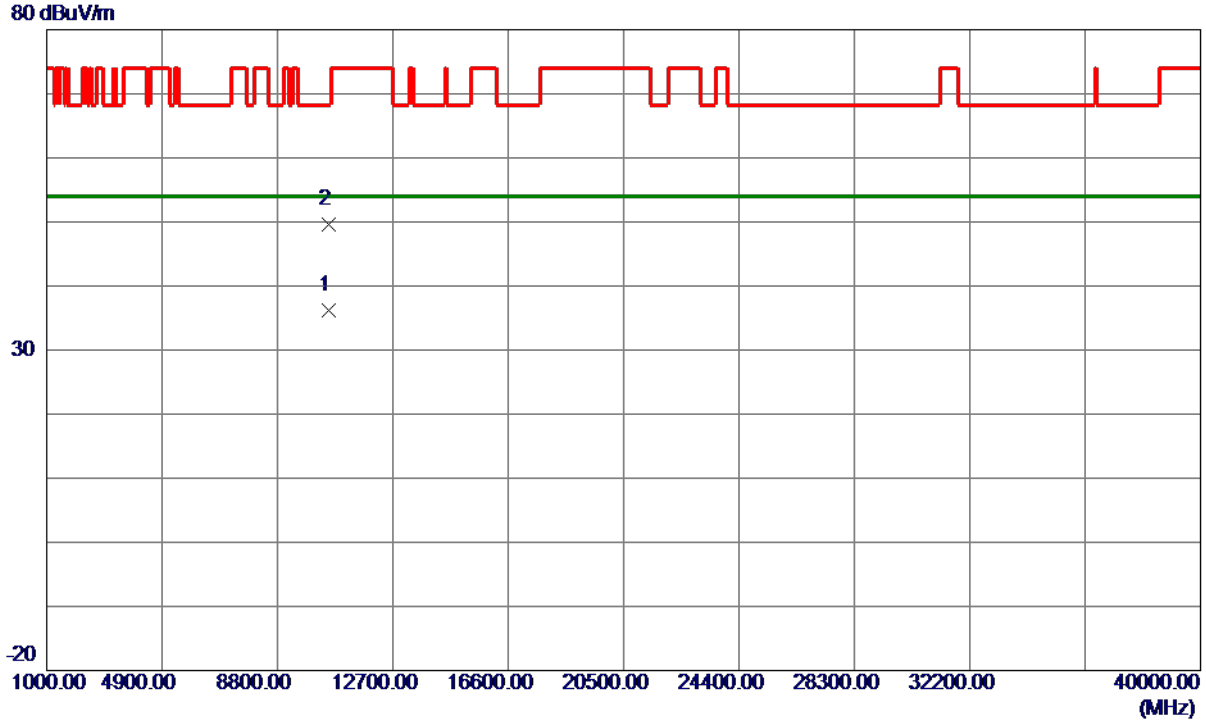


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5261.2000	89.79	19.51	109.30	999.00	-889.70	AVG	No Limit
2 *	5261.4000	97.01	19.51	116.52	68.20	48.32	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Vertical

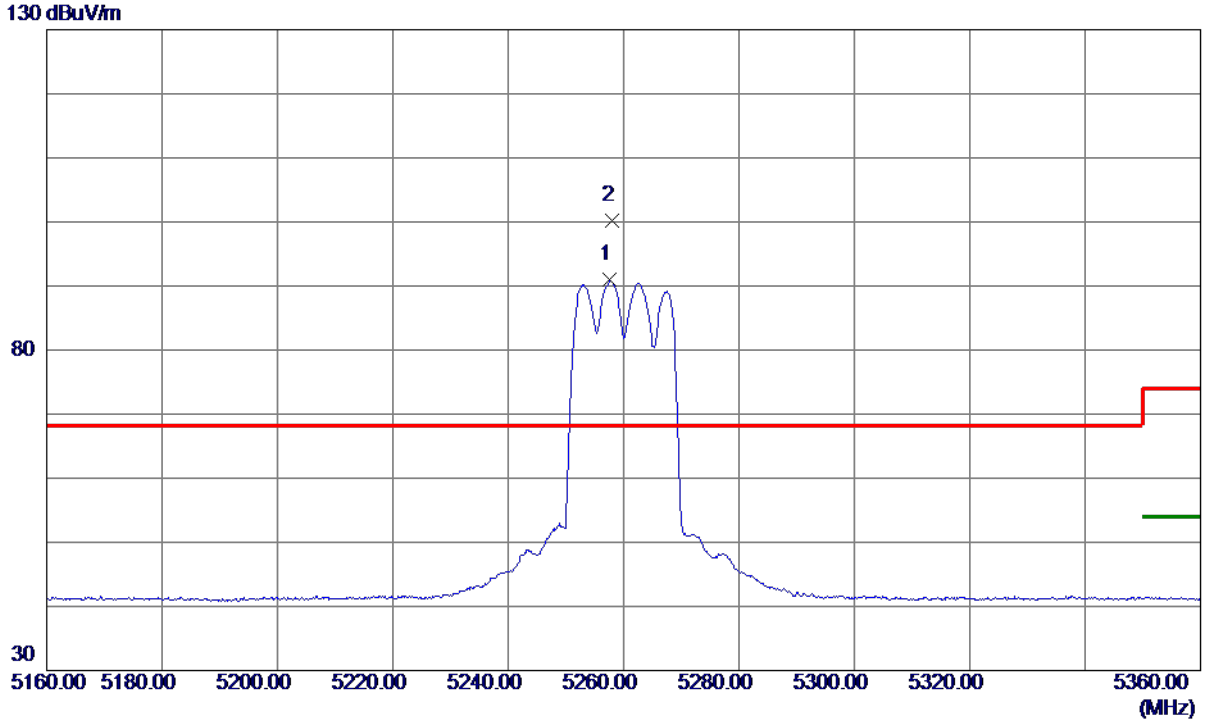


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.8680	20.93	15.35	36.28	54.00	-17.72	AVG	
2	10520.2720	34.27	15.35	49.62	68.30	-18.68	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Horizontal

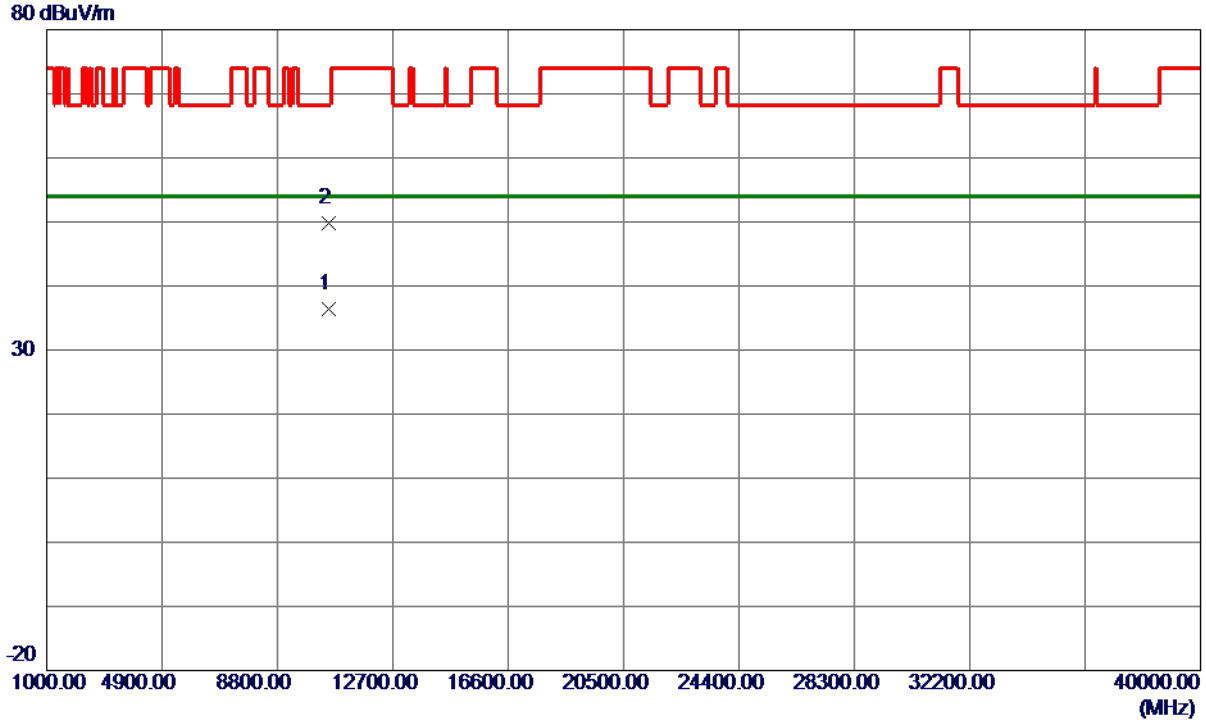


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5257.6000	71.45	19.50	90.95	999.00	-908.05	AVG	No Limit
2 *	5258.0000	80.70	19.50	100.20	68.20	32.00	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Horizontal

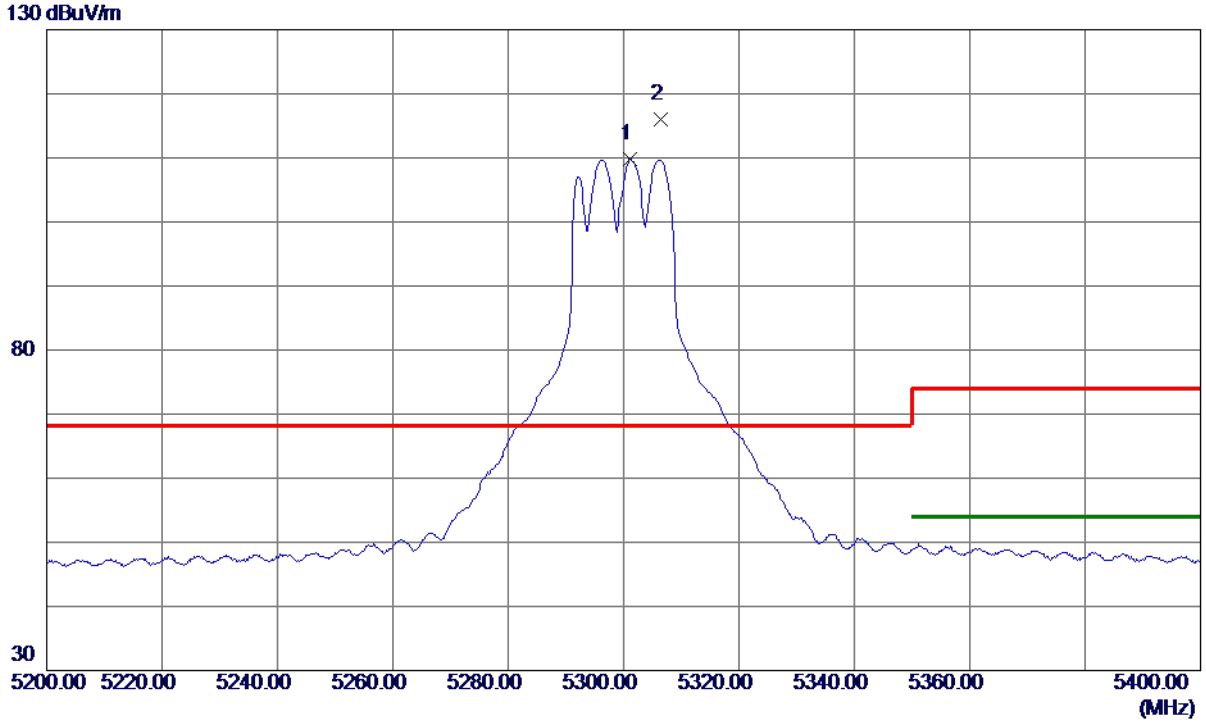


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.7750	20.98	15.35	36.33	54.00	-17.67	AVG	
2	10522.2600	34.52	15.35	49.87	68.30	-18.43	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Vertical

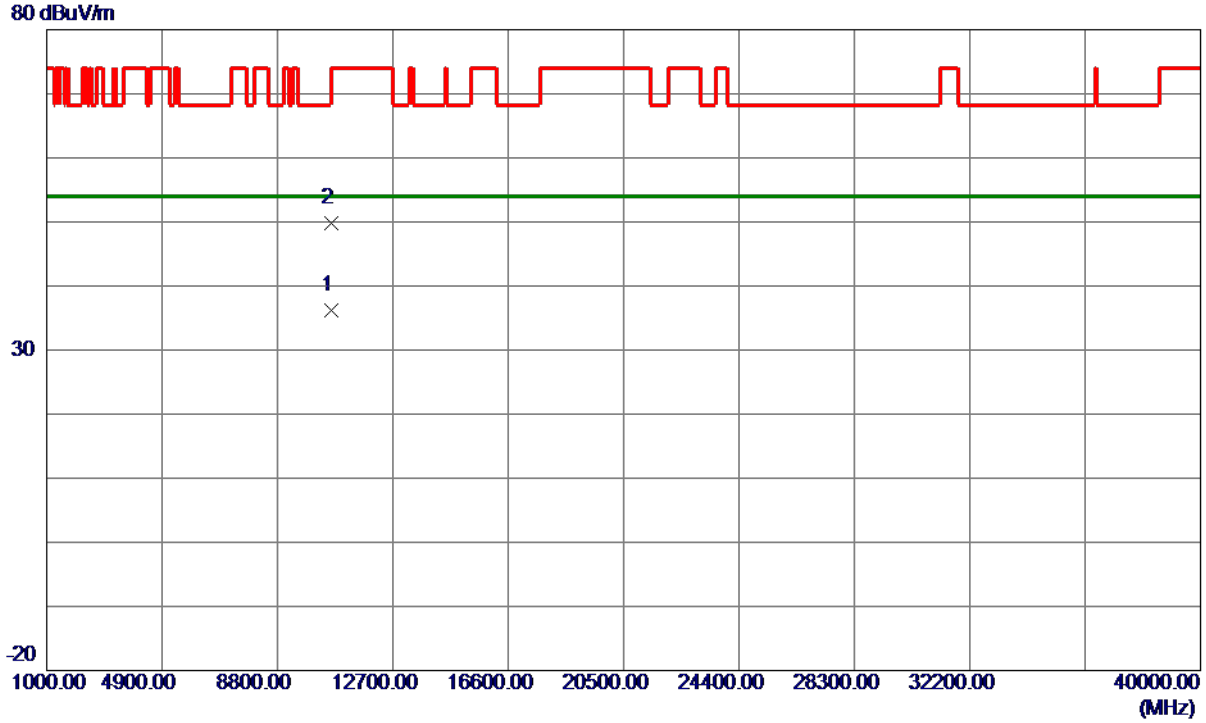


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5301.2000	90.22	19.60	109.82	999.00	-889.18	AVG	No Limit
2 *	5306.4000	96.41	19.62	116.03	68.20	47.83	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Vertical

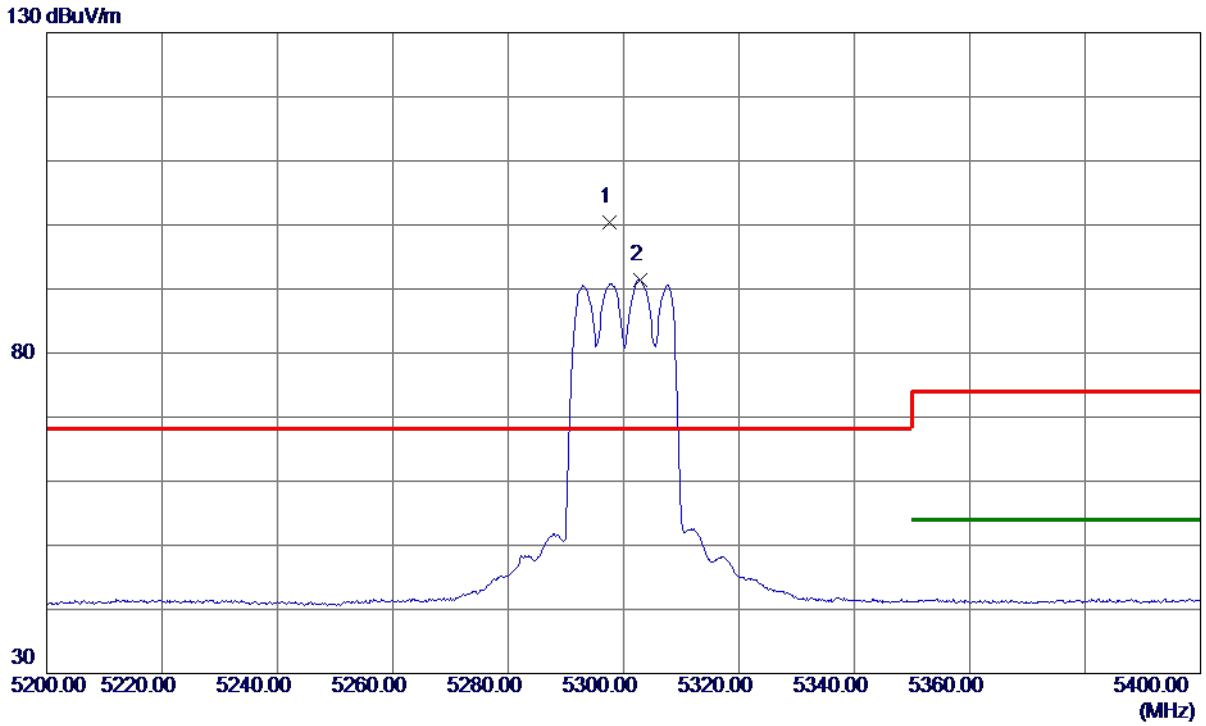


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.8949	20.85	15.43	36.28	54.00	-17.72	AVG	
2	10601.3250	34.46	15.43	49.89	74.00	-24.11	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Horizontal

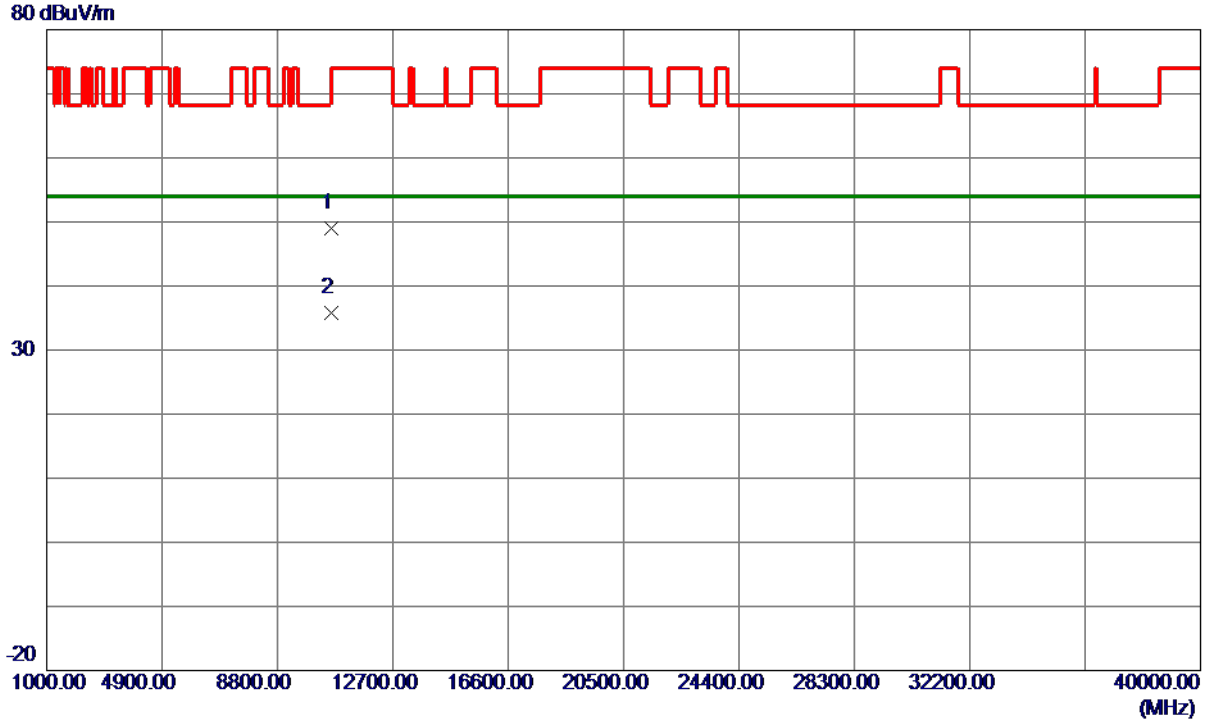


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5297.5000	80.83	19.60	100.43	68.20	32.23	Peak	No Limit
2	5302.8000	71.88	19.61	91.49	999.00	-907.51	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Horizontal

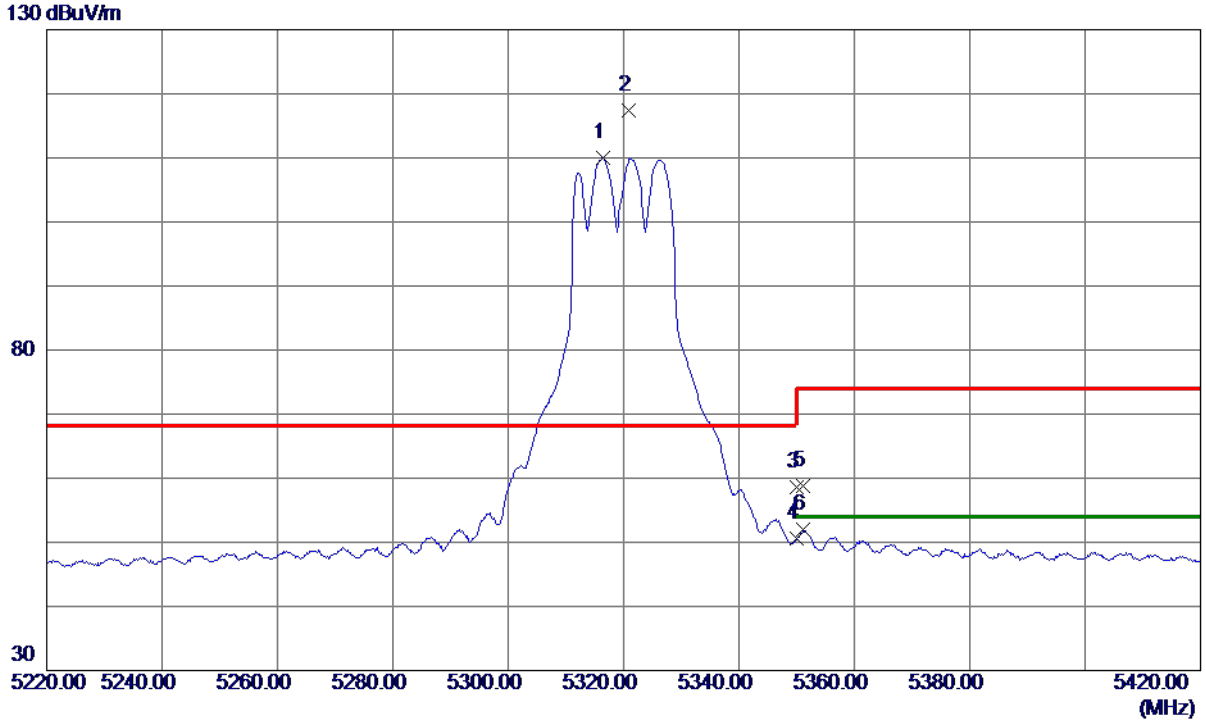


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10598.5750	33.64	15.43	49.07	68.30	-19.23	Peak	
2 *	10601.5800	20.33	15.43	35.76	54.00	-18.24	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Vertical

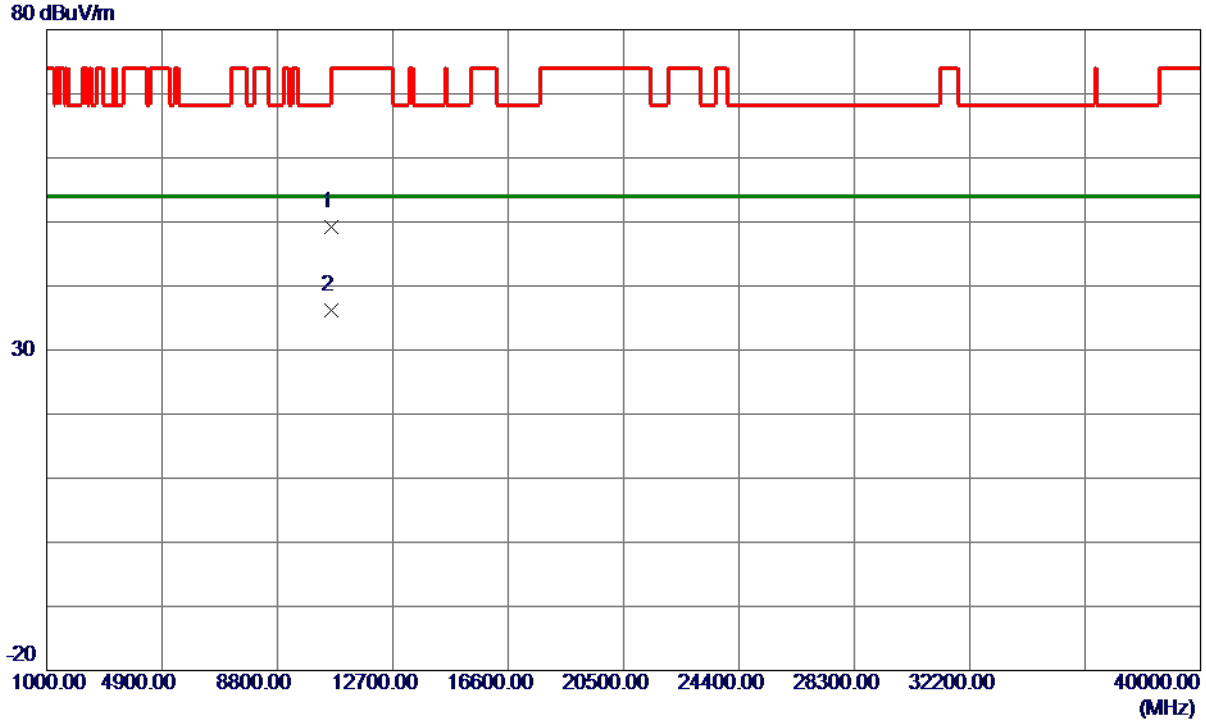


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5316.4000	90.31	19.64	109.95	999.00	-889.05	AVG	No Limit
2 *	5320.8000	97.79	19.65	117.44	68.20	49.24	Peak	No Limit
3	5350.0000	38.83	19.72	58.55	74.00	-15.45	Peak	
4	5350.0000	30.87	19.72	50.59	999.00	-948.41	AVG	
5	5351.2000	39.06	19.72	58.78	74.00	-15.22	Peak	
6	5351.2000	32.35	19.72	52.07	54.00	-1.93	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Vertical

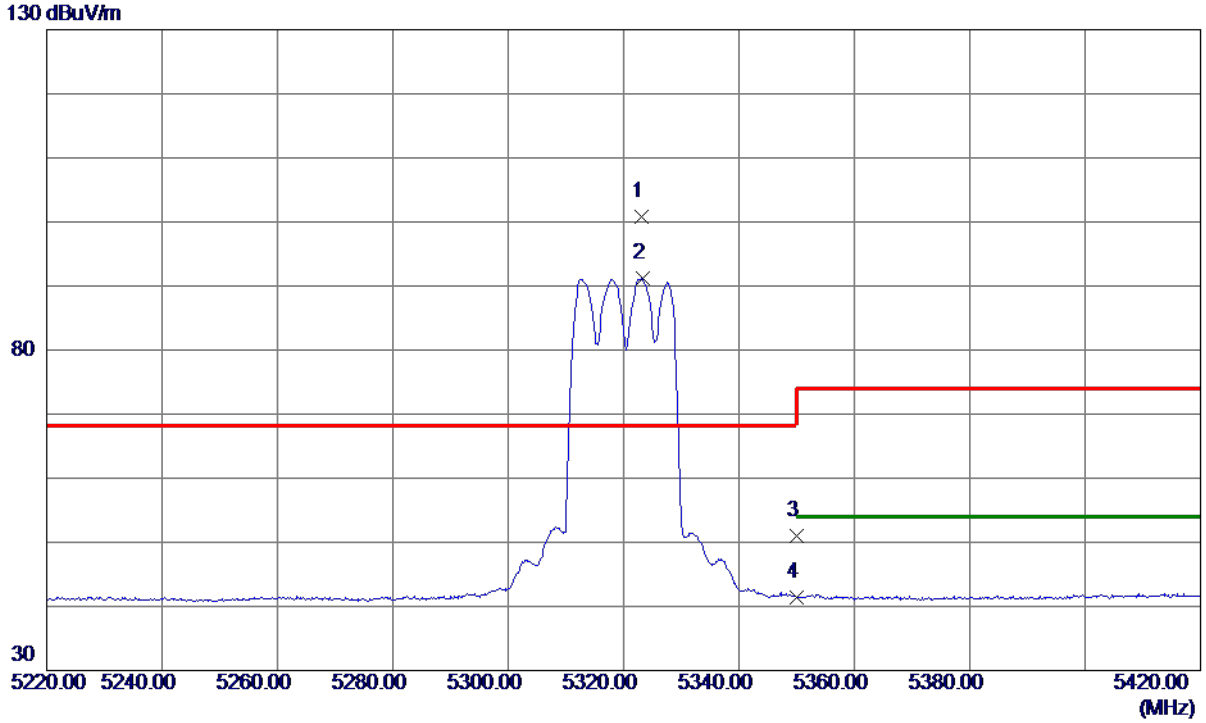


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10637.6470	33.78	15.47	49.25	74.00	-24.75	Peak	
2 *	10639.7779	20.68	15.47	36.15	54.00	-17.85	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Horizontal

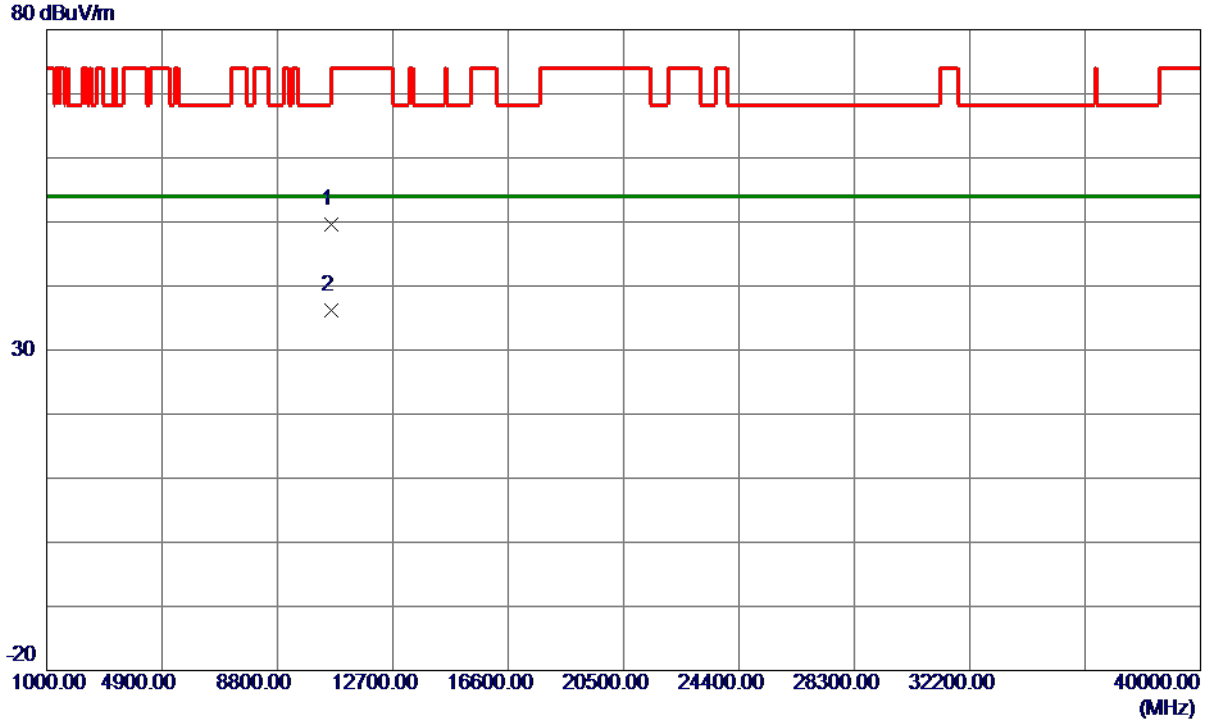


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5323.2000	81.08	19.66	100.74	68.20	32.54	Peak	No Limit
2	5323.3000	71.50	19.66	91.16	999.00	-907.84	AVG	No Limit
3	5350.0000	31.22	19.72	50.94	74.00	-23.06	Peak	
4	5350.0000	21.61	19.72	41.33	999.00	-957.67	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Horizontal

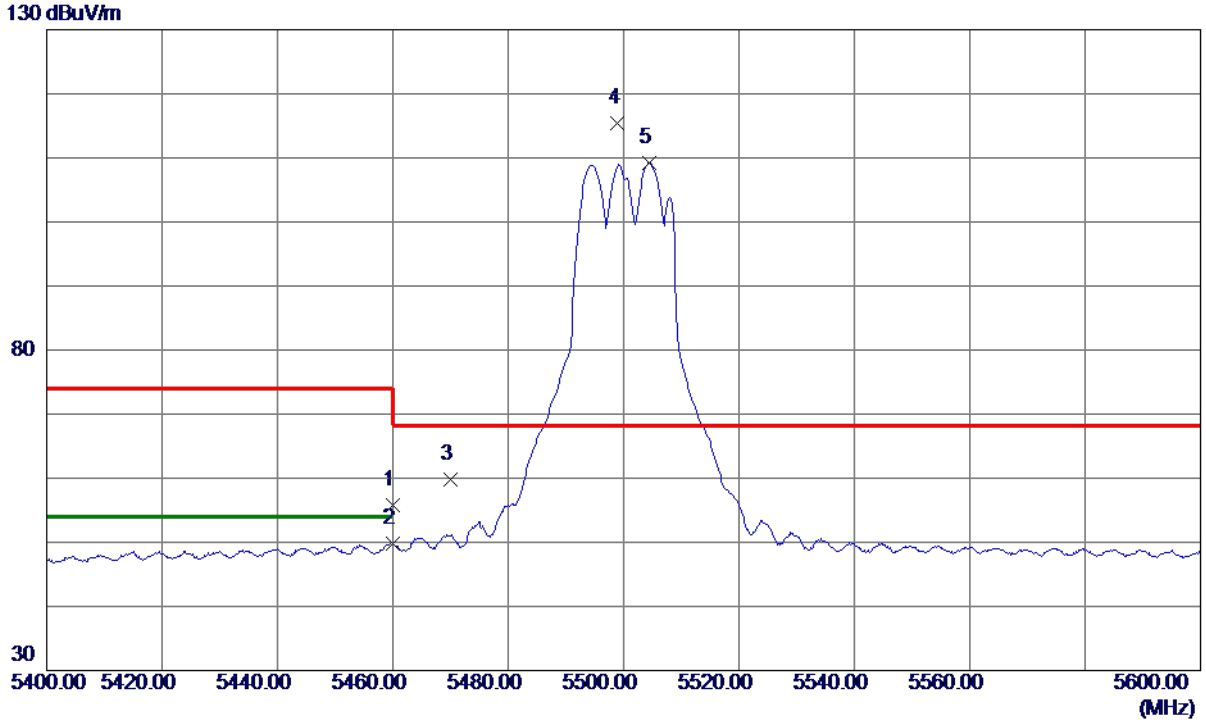


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10638.8099	34.17	15.47	49.64	74.00	-24.36	Peak	
2 *	10639.9200	20.68	15.47	36.15	54.00	-17.85	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Vertical

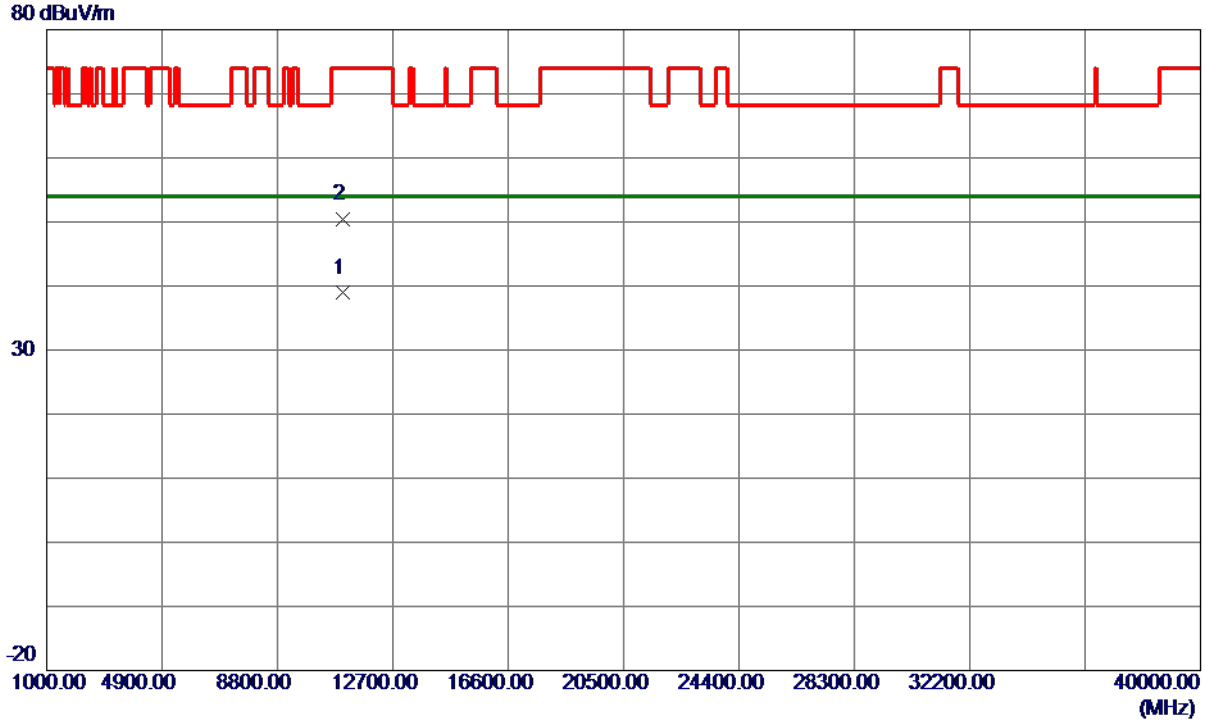


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	35.75	19.98	55.73	74.00	-18.27	Peak	
2	5460.0000	29.76	19.98	49.74	54.00	-4.26	AVG	
3	5470.0000	39.77	20.00	59.77	68.20	-8.43	Peak	
4 *	5499.0000	95.31	20.07	115.38	68.20	47.18	Peak	No Limit
5	5504.4000	89.10	20.09	109.19	999.00	-889.81	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Vertical

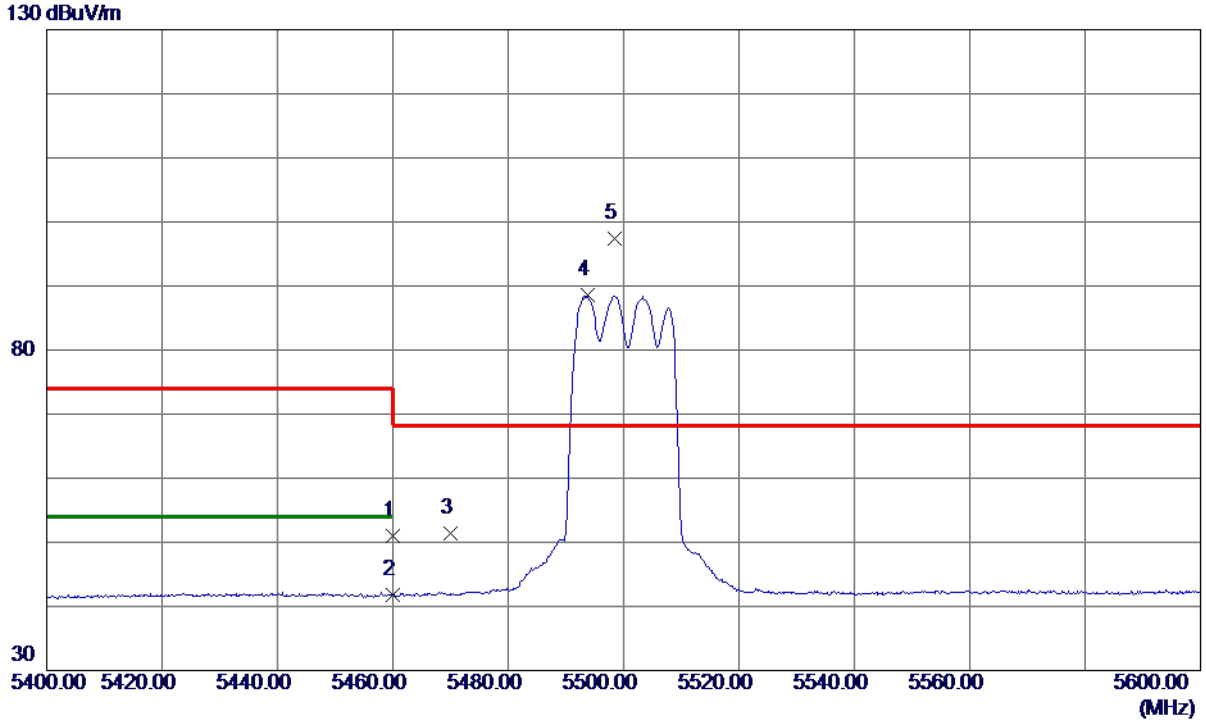


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10999.8500	23.06	15.84	38.90	54.00	-15.10	AVG	
2	10999.9500	34.63	15.84	50.47	74.00	-23.53	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Horizontal

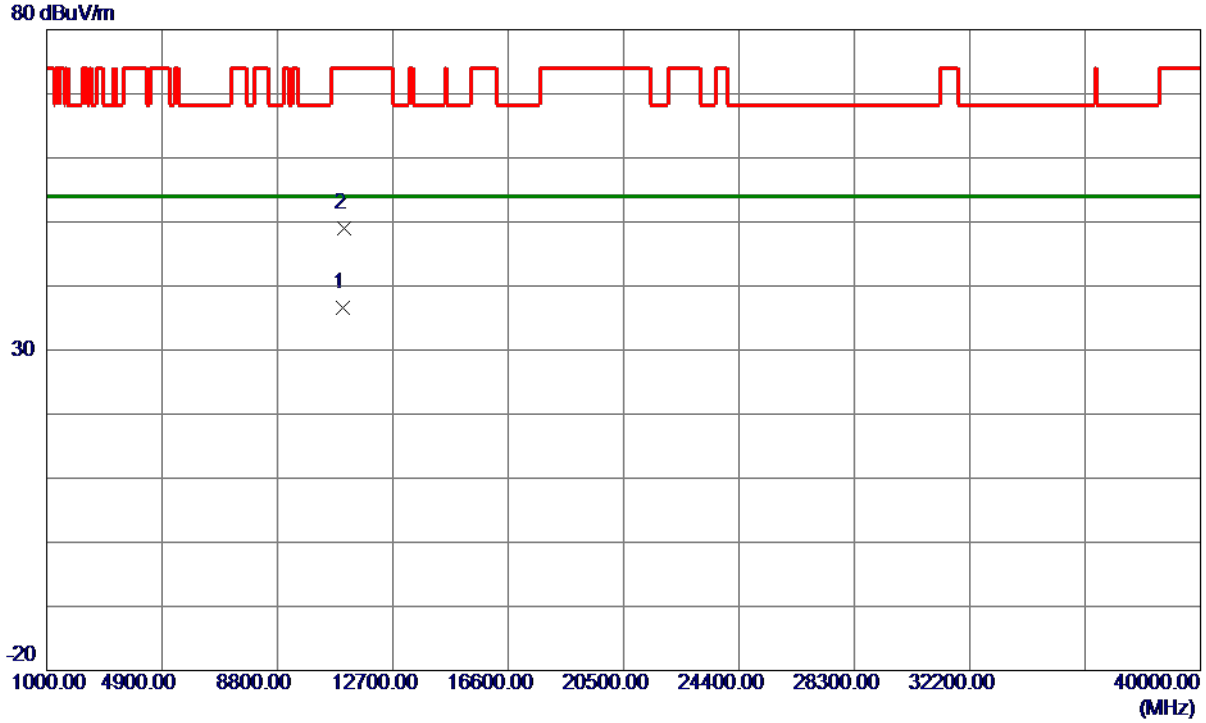


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	30.95	19.98	50.93	74.00	-23.07	Peak	
2	5460.0000	21.75	19.98	41.73	54.00	-12.27	AVG	
3	5470.0000	31.42	20.00	51.42	68.20	-16.78	Peak	
4	5493.7000	68.49	20.06	88.55	999.00	-910.45	AVG	No Limit
5 *	5498.5000	77.39	20.07	97.46	68.20	29.26	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Horizontal

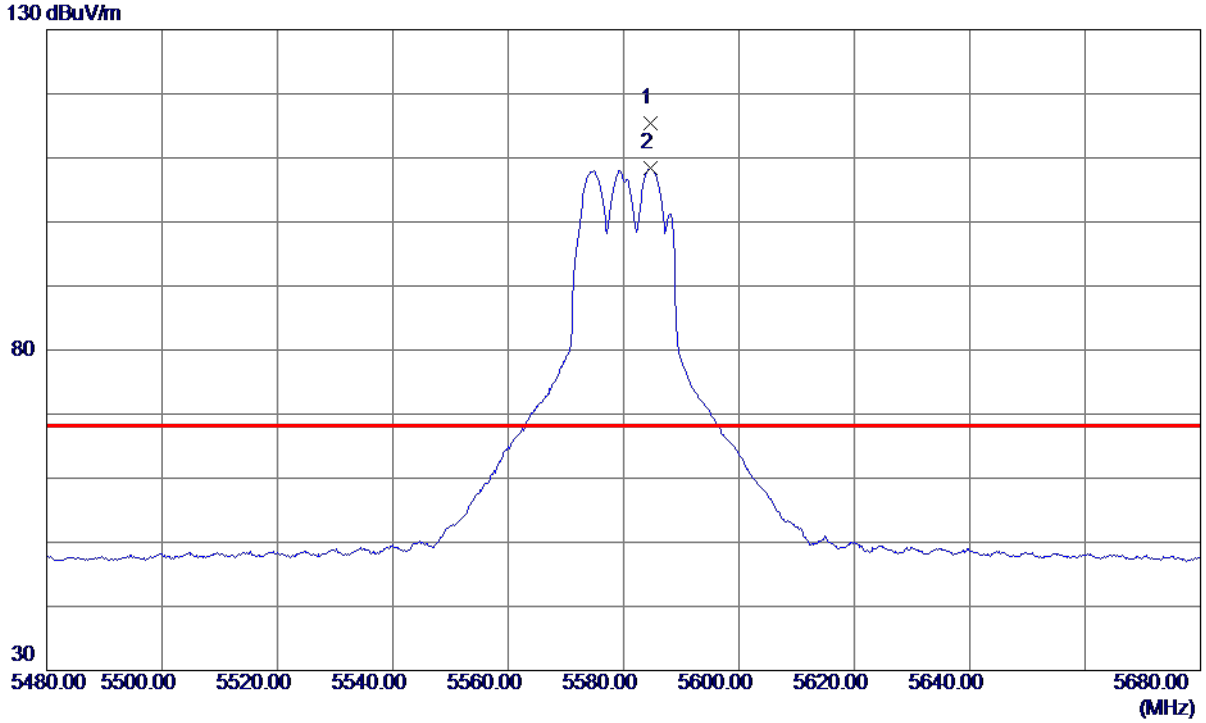


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11000.0500	20.71	15.84	36.55	54.00	-17.45	AVG	
2	11047.4500	32.98	15.96	48.94	74.00	-25.06	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5584.6000	95.09	20.39	115.48	68.20	47.28	Peak	No Limit
2	5584.6000	87.95	20.39	108.34	999.00	-890.66	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

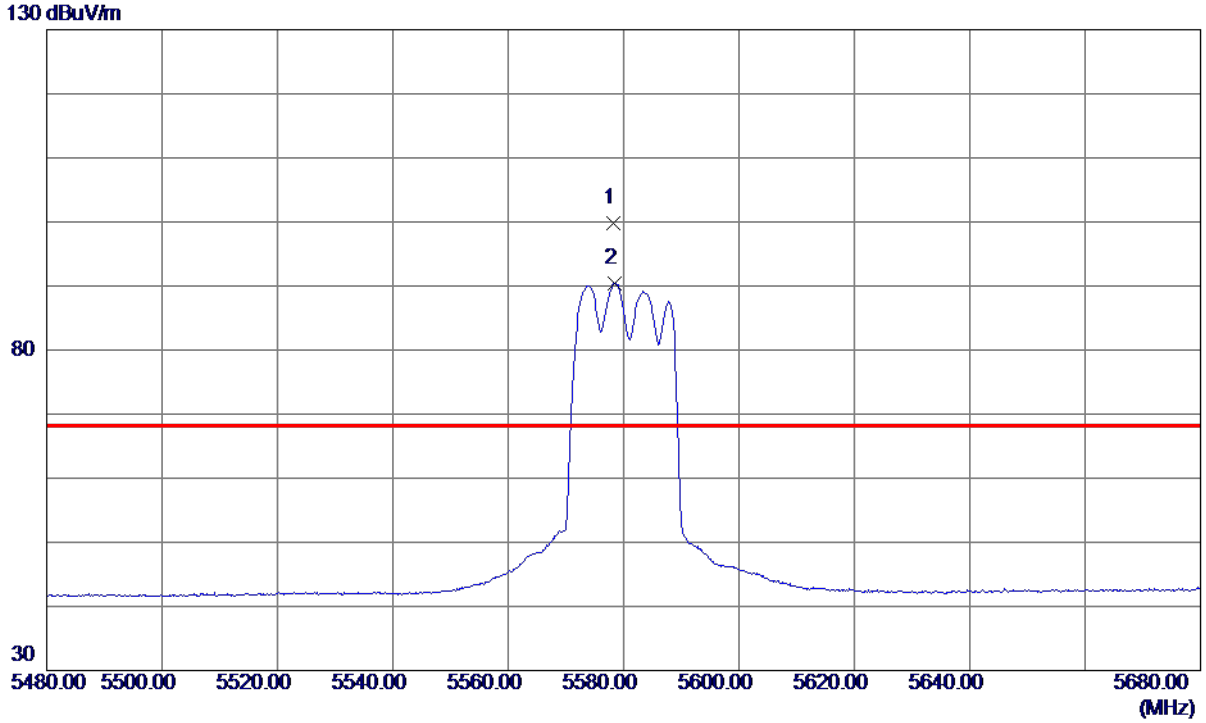
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11159.9000	25.22	16.25	41.47	54.00	-12.53	AVG	
2	11160.4750	36.33	16.25	52.58	74.00	-21.42	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5578.3000	79.51	20.37	99.88	68.20	31.68	Peak	No Limit
2	5578.4000	70.00	20.37	90.37	999.00	-908.63	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

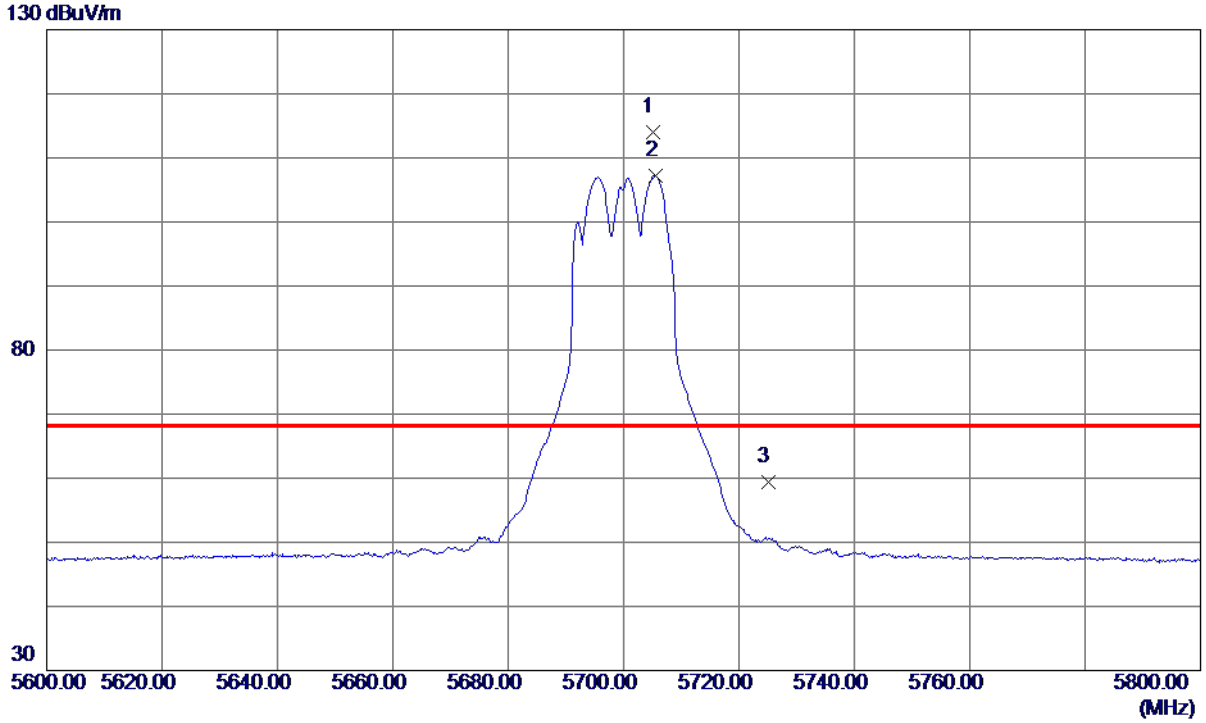
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11159.9750	25.11	16.25	41.36	54.00	-12.64	AVG	
2	11160.0000	35.77	16.25	52.02	74.00	-21.98	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Vertical

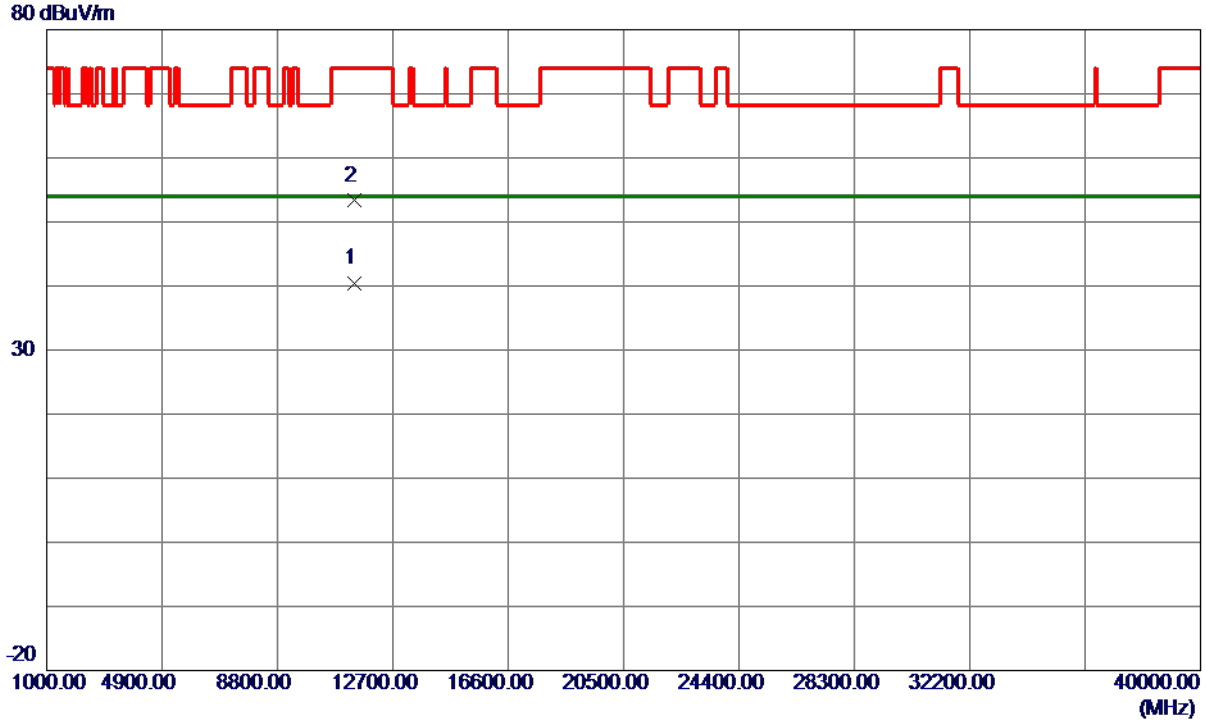


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5705.0000	93.22	20.84	114.06	68.20	45.86	Peak	No Limit
2	5705.6000	86.35	20.84	107.19	999.00	-891.81	AVG	No Limit
3	5725.0000	38.51	20.91	59.42	68.20	-8.78	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Vertical

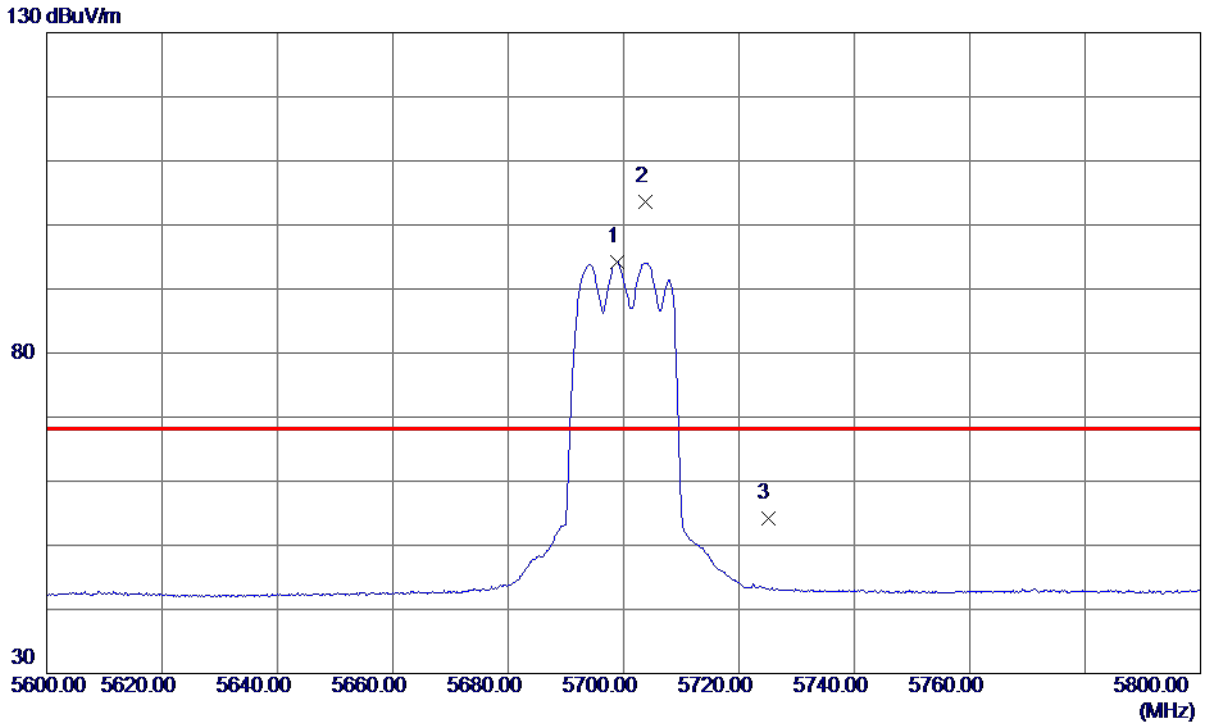


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11400.1000	23.48	16.86	40.34	54.00	-13.66	AVG	
2	11400.6250	36.43	16.87	53.30	74.00	-20.70	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Horizontal

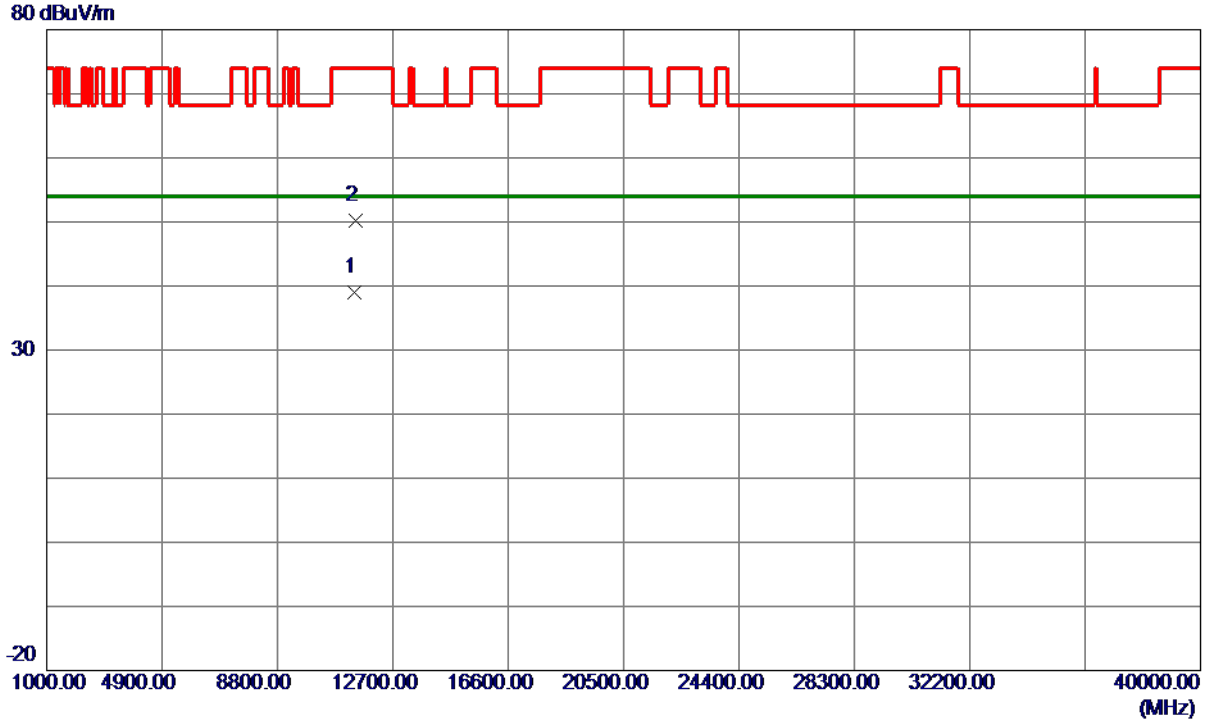


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5698.9000	73.36	20.81	94.17	999.00	-904.83	AVG	No Limit
2 *	5703.8000	82.69	20.83	103.52	68.20	35.32	Peak	No Limit
3	5725.0000	33.34	20.91	54.25	68.20	-13.95	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Horizontal

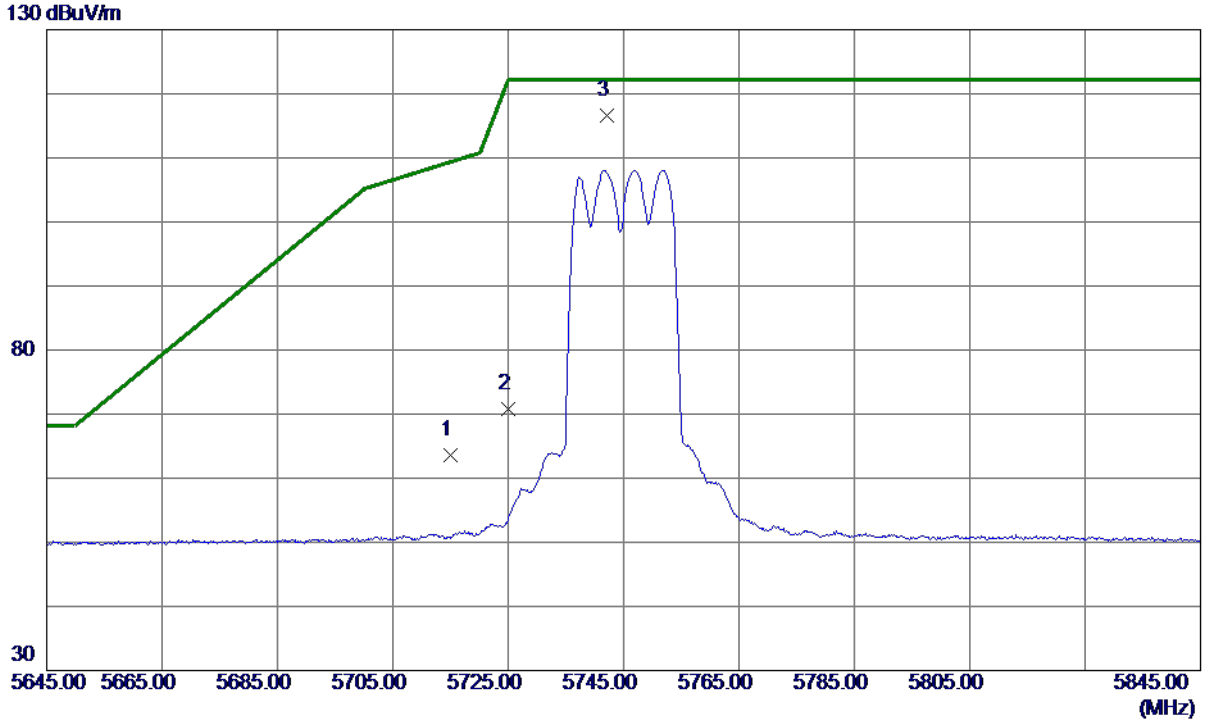


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11399.9250	22.08	16.86	38.94	54.00	-15.06	AVG	
2	11423.8000	33.26	16.92	50.18	74.00	-23.82	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5745 MHz

Vertical

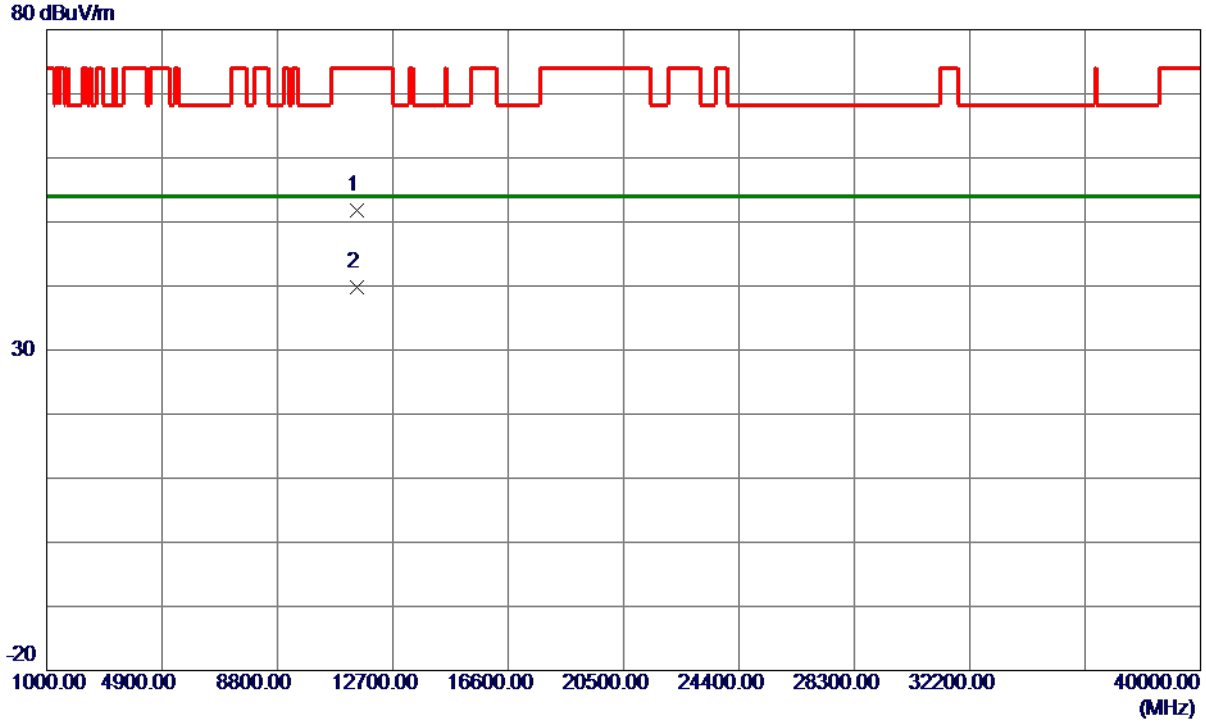


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	42.65	20.87	63.52	109.40	-45.88	Peak	
2	5725.0000	49.96	20.91	70.87	122.20	-51.33	Peak	
3 *	5742.2000	95.70	20.97	116.67	122.20	-5.53	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5745 MHz

Vertical

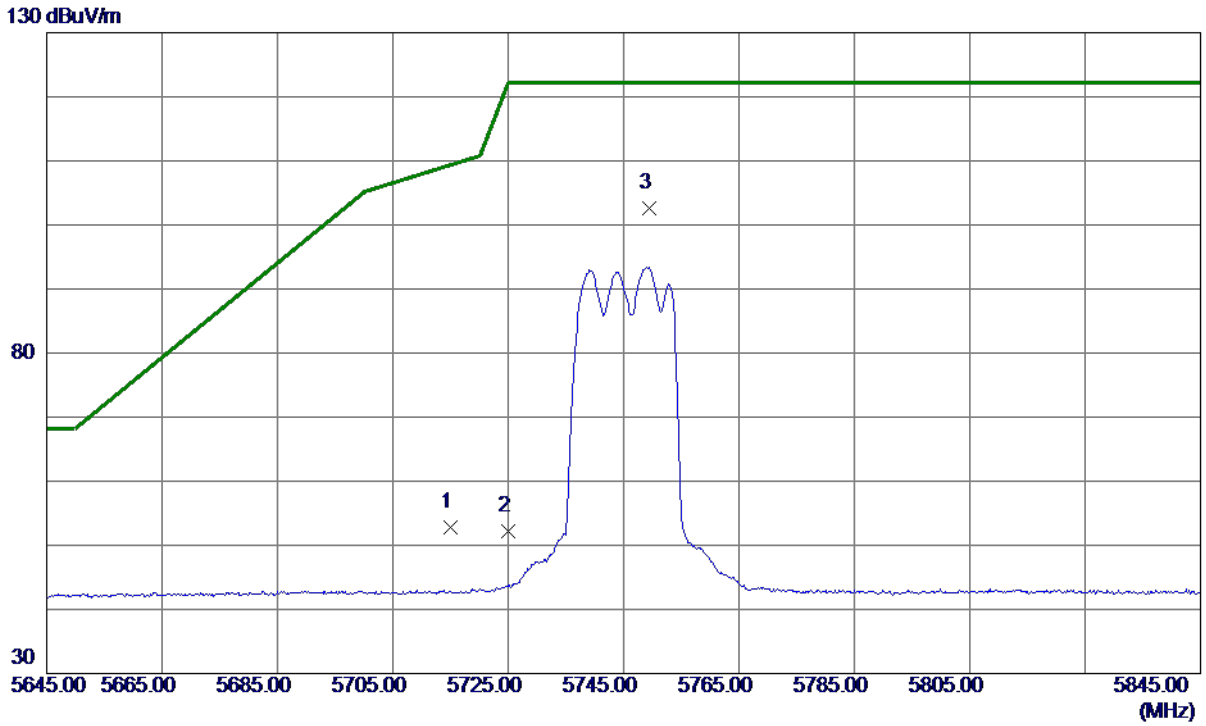


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11492.0000	34.66	17.10	51.76	74.00	-22.24	Peak	
2 *	11492.3250	22.61	17.10	39.71	54.00	-14.29	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5745 MHz

Horizontal

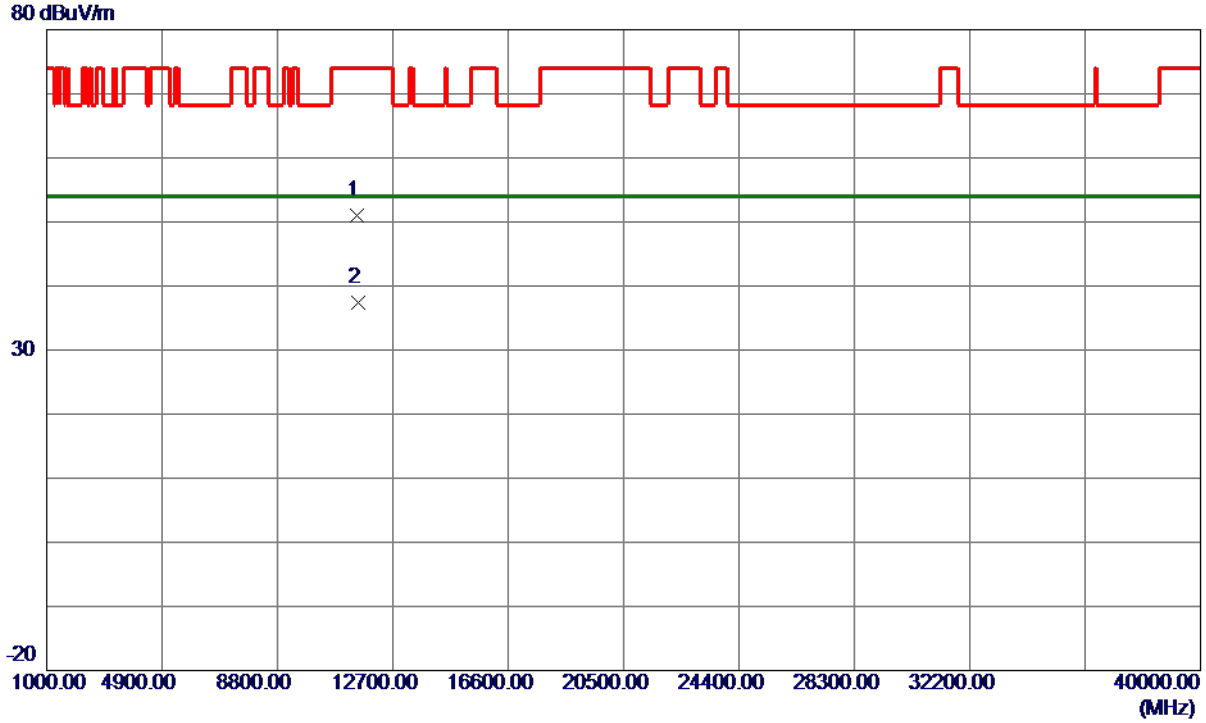


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	31.92	20.87	52.79	109.40	-56.61	Peak	
2	5725.0000	31.28	20.91	52.19	122.20	-70.01	Peak	
3 *	5749.4000	81.68	21.00	102.68	122.20	-19.52	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5745 MHz

Horizontal

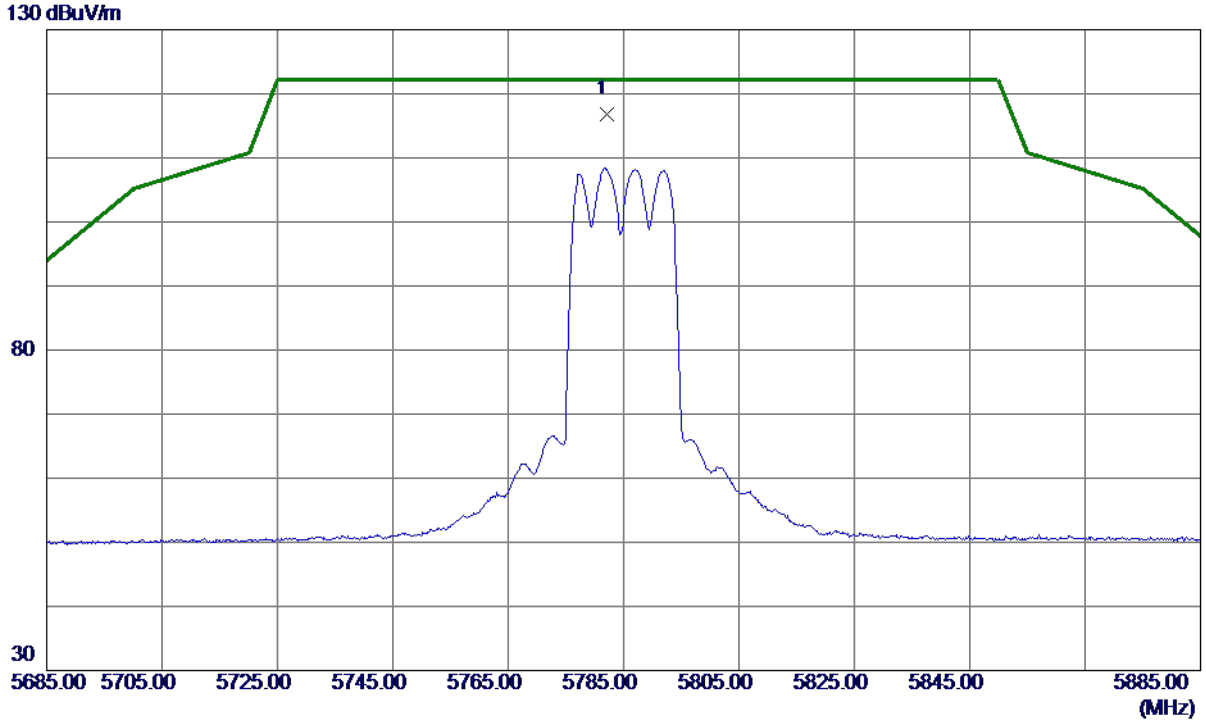


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11496.4000	33.87	17.11	50.98	74.00	-23.02	Peak	
2 *	11508.7000	20.18	17.13	37.31	54.00	-16.69	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5785 MHz

Vertical

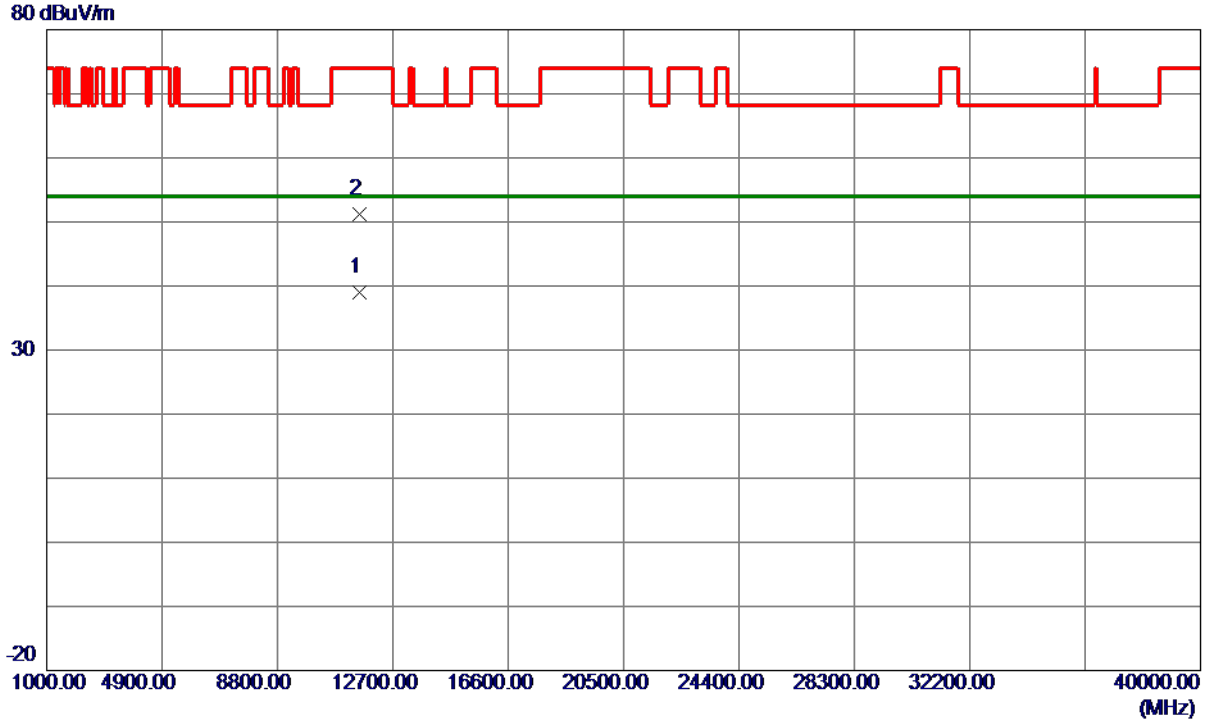


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5782.0000	95.75	21.12	116.87	122.20	-5.33	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5785 MHz

Vertical

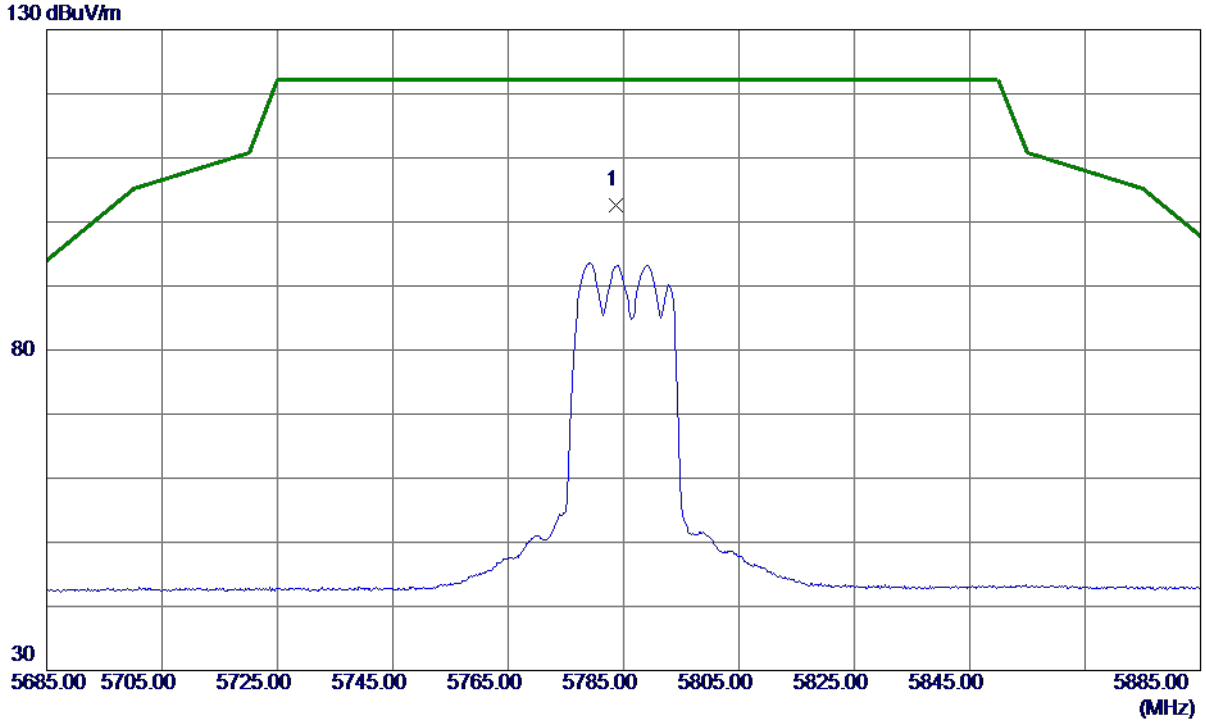


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11567.4000	21.70	17.22	38.92	54.00	-15.08	AVG	
2	11577.8500	34.02	17.23	51.25	74.00	-22.75	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5785 MHz

Horizontal

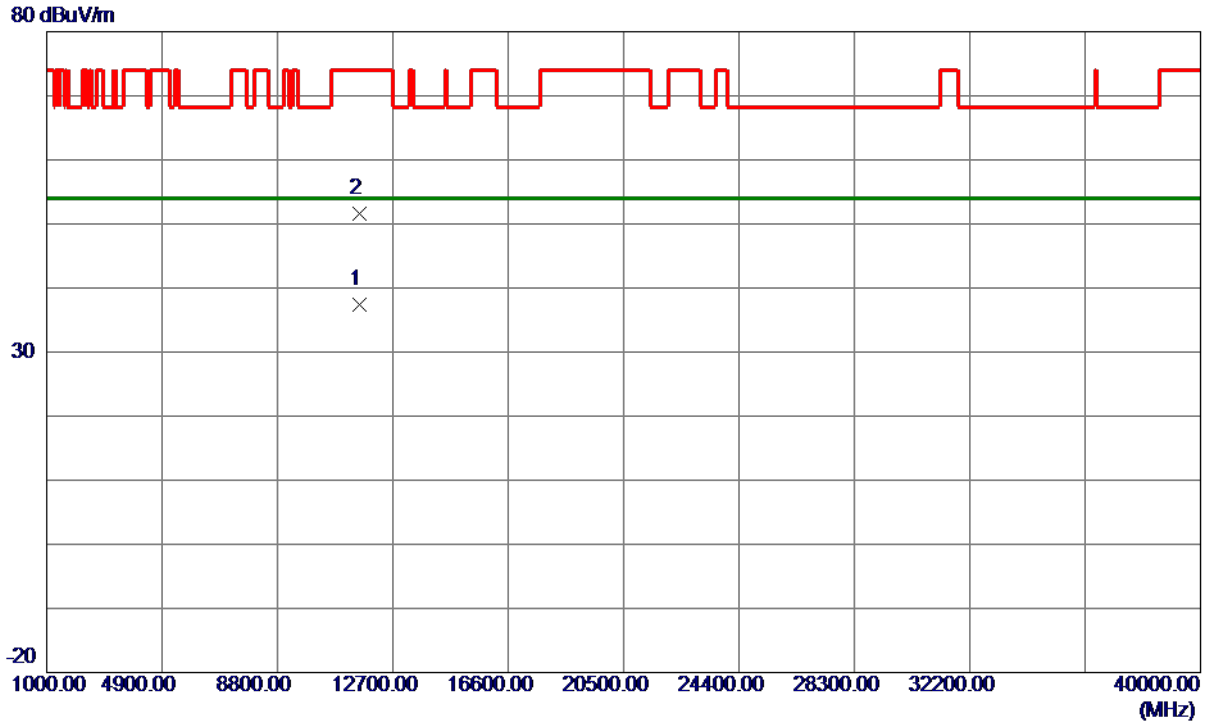


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5783.6000	81.47	21.13	102.60	122.20	-19.60	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5785 MHz

Horizontal

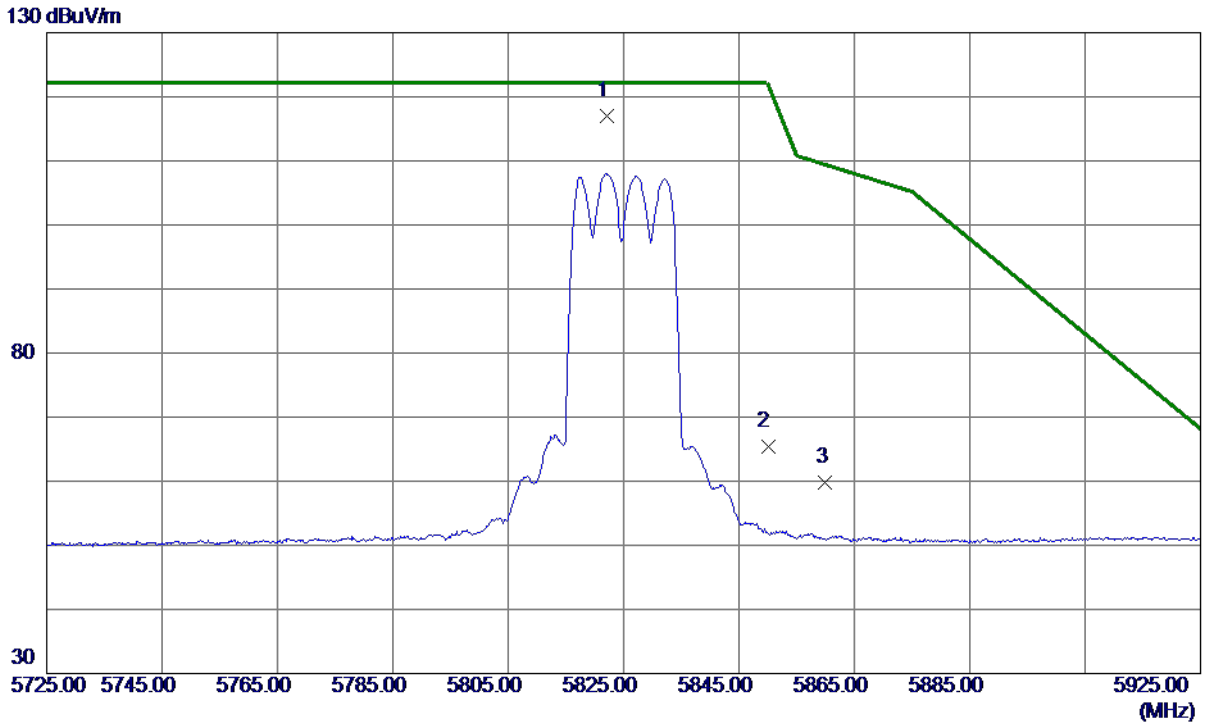


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11557.4250	20.27	17.20	37.47	54.00	-16.53	AVG	
2	11574.7500	34.42	17.23	51.65	74.00	-22.35	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5825 MHz

Vertical

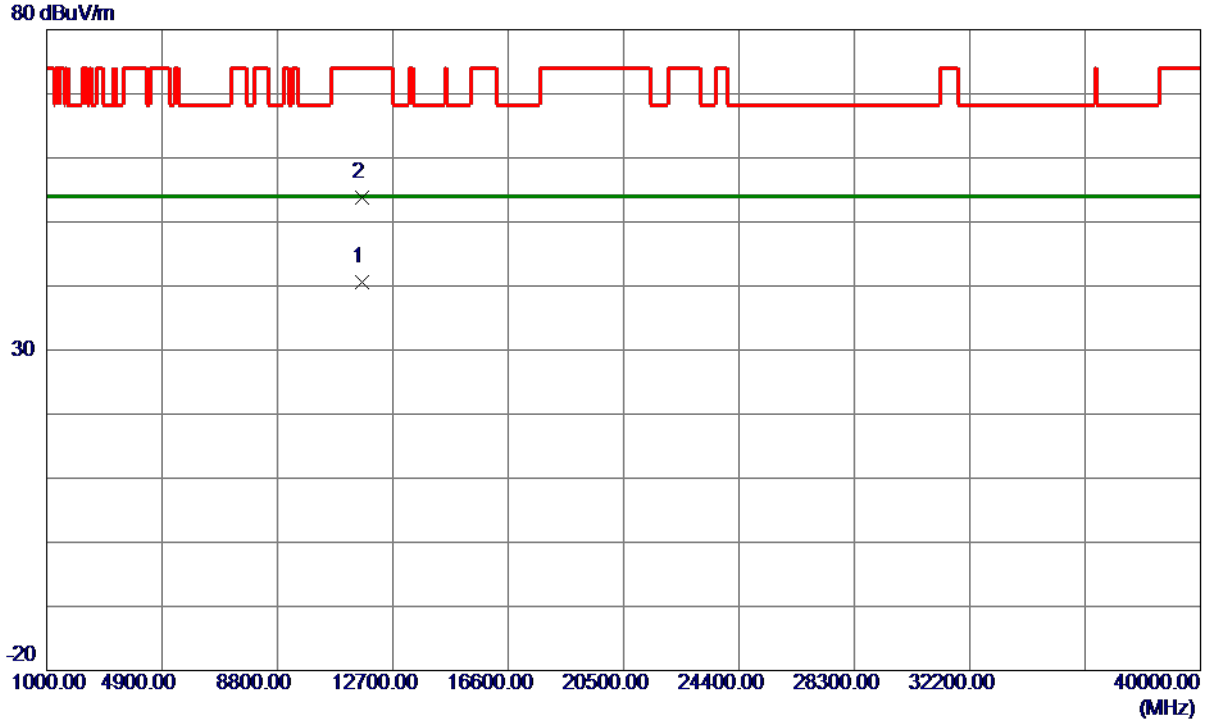


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5822.1000	95.65	21.27	116.92	122.20	-5.28	Peak	No Limit
2	5850.0000	44.04	21.37	65.41	122.20	-56.79	Peak	
3	5860.0000	38.32	21.41	59.73	109.40	-49.67	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5825 MHz

Vertical

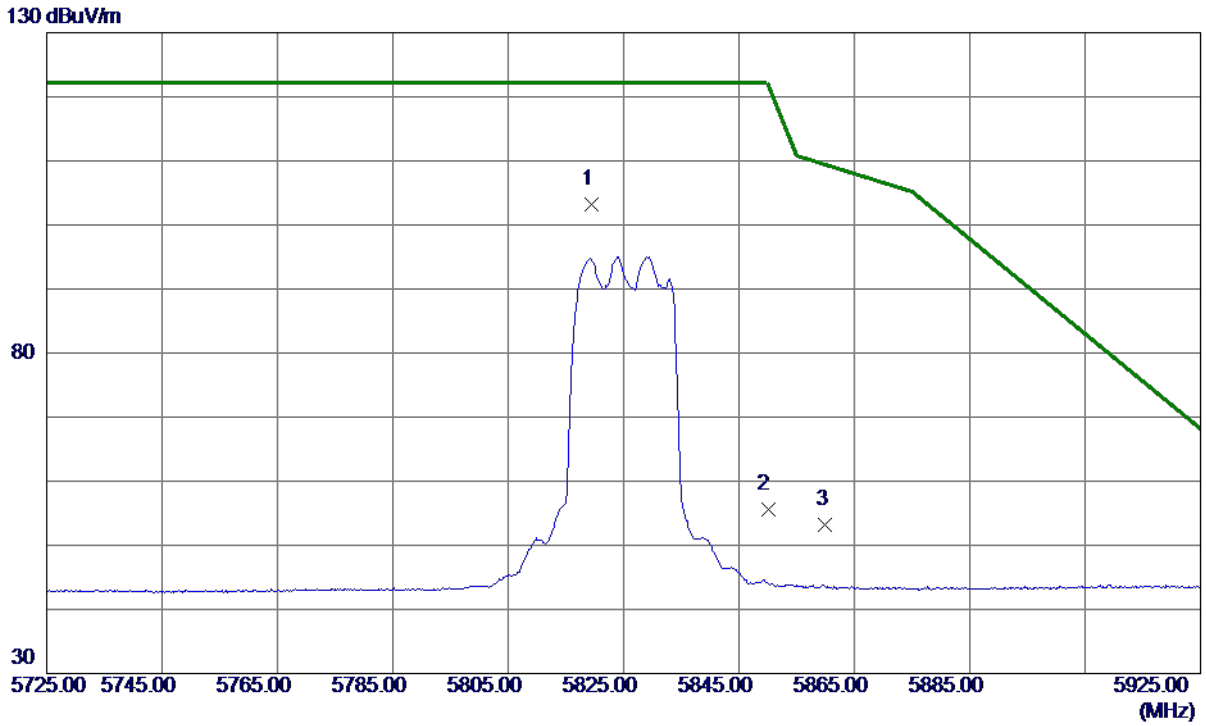


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11647.4250	23.30	17.33	40.63	54.00	-13.37	AVG	
2	11647.9250	36.54	17.33	53.87	74.00	-20.13	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5825 MHz

Horizontal

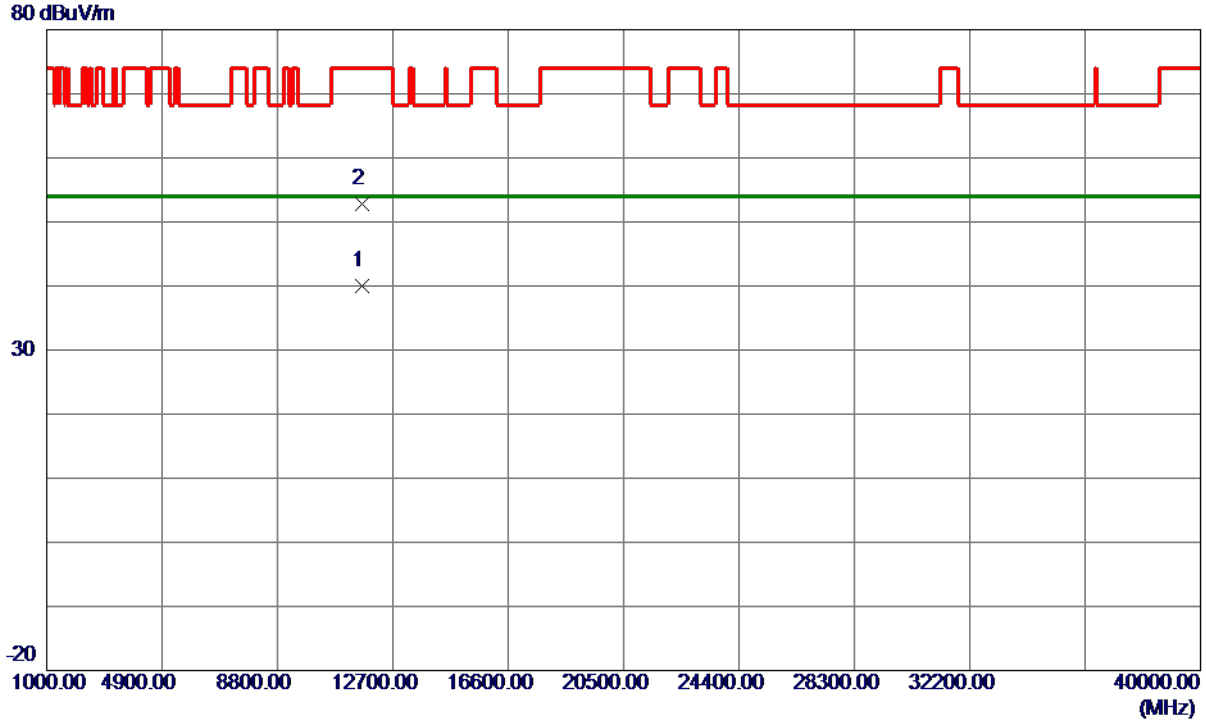


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5819.4000	81.98	21.26	103.24	122.20	-18.96	Peak	No Limit
2	5850.0000	34.15	21.37	55.52	122.20	-66.68	Peak	
3	5860.0000	31.75	21.41	53.16	109.40	-56.24	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5825 MHz

Horizontal

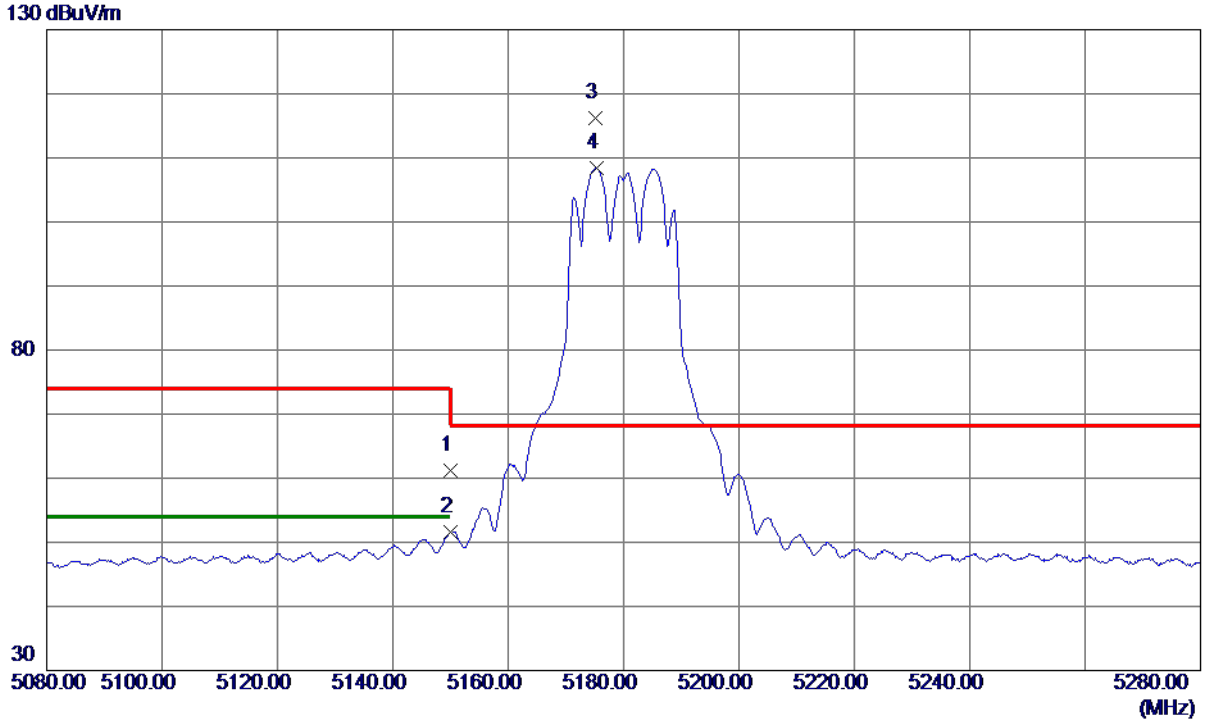


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11647.6750	22.58	17.33	39.91	54.00	-14.09	AVG	
2	11653.0000	35.50	17.34	52.84	74.00	-21.16	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Vertical

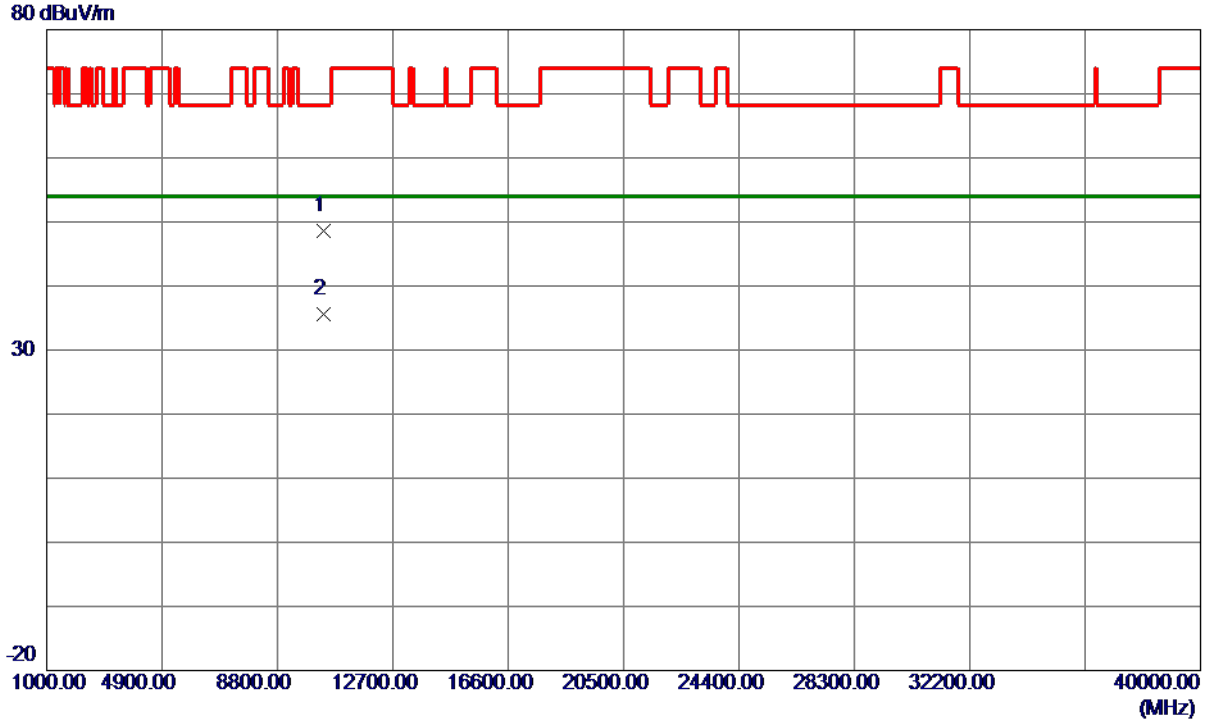


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	42.03	19.25	61.28	74.00	-12.72	Peak	
2	5150.0000	32.26	19.25	51.51	54.00	-2.49	AVG	
3 *	5175.2000	96.95	19.31	116.26	68.20	48.06	Peak	No Limit
4	5175.4000	89.17	19.31	108.48	999.00	-890.52	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Vertical

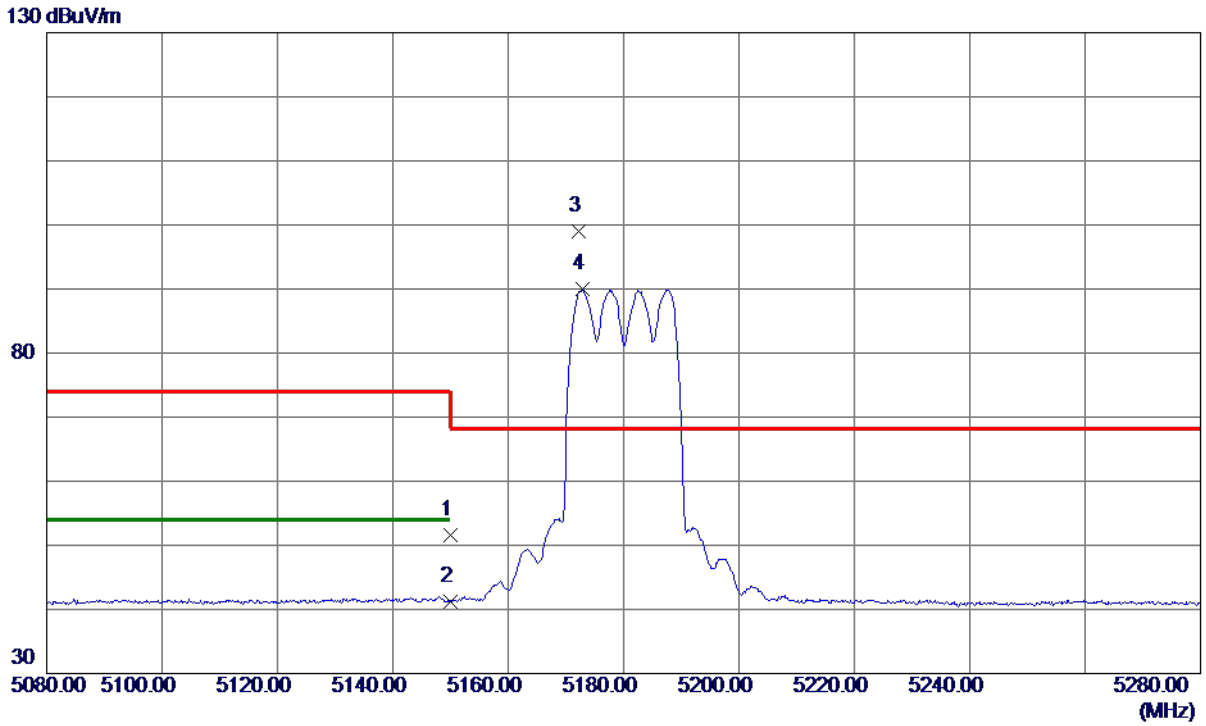


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10357.2699	33.49	15.08	48.57	68.30	-19.73	Peak	
2 *	10364.7100	20.59	15.09	35.68	54.00	-18.32	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Horizontal

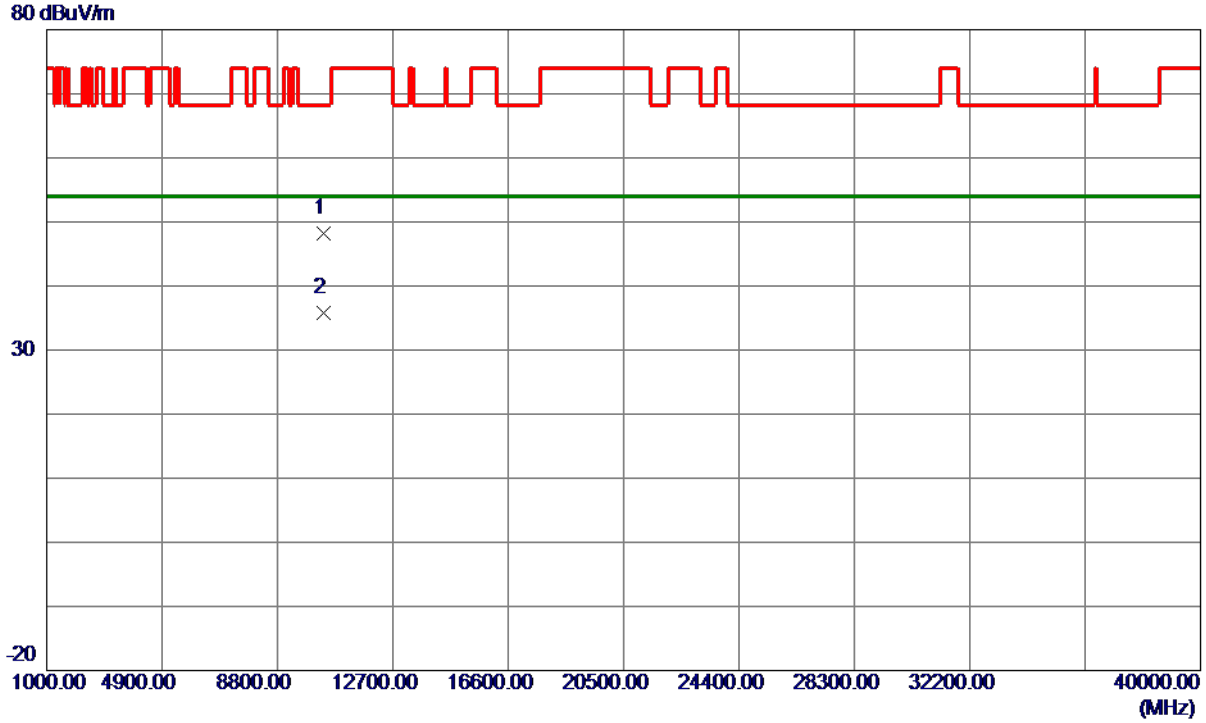


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	32.34	19.25	51.59	74.00	-22.41	Peak	
2	5150.0000	22.04	19.25	41.29	54.00	-12.71	AVG	
3 *	5172.3000	79.80	19.30	99.10	68.20	30.90	Peak	No Limit
4	5172.9000	70.65	19.30	89.95	999.00	-909.05	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Horizontal

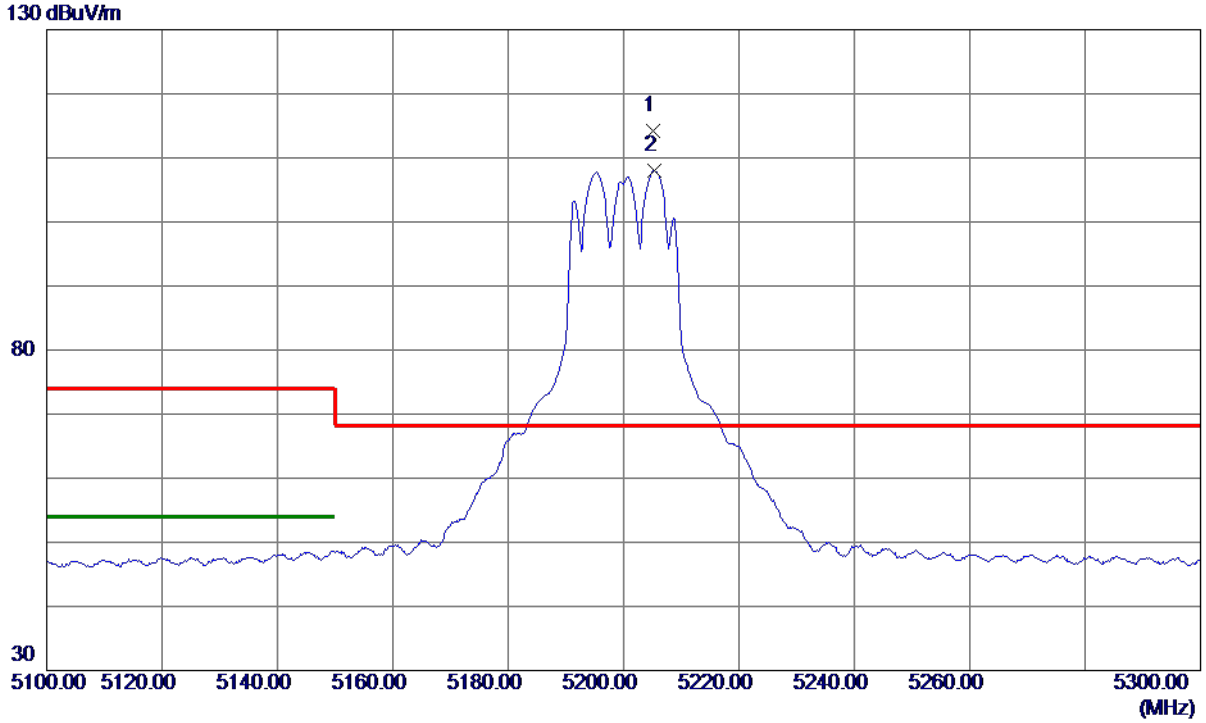


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10356.3150	33.04	15.08	48.12	68.30	-20.18	Peak	
2 *	10363.1750	20.70	15.09	35.79	54.00	-18.21	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5200 MHz

Vertical

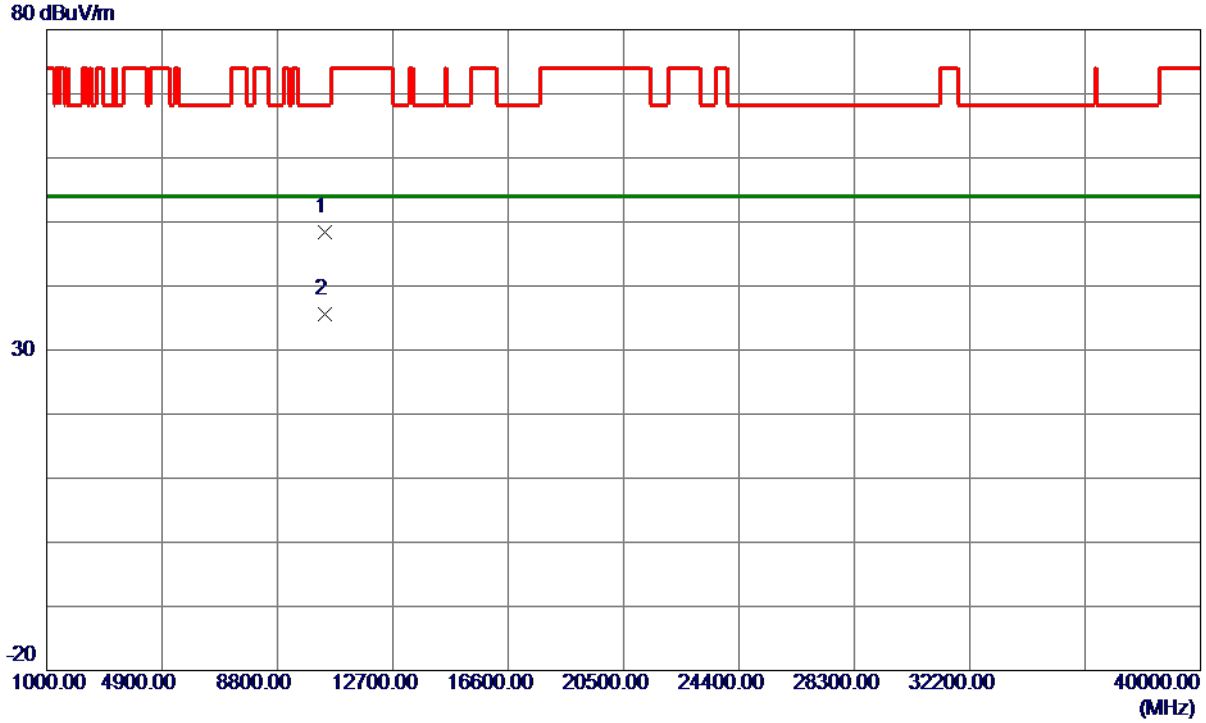


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5205.2000	94.85	19.38	114.23	68.20	46.03	Peak	No Limit
2	5205.4000	88.57	19.38	107.95	999.00	-891.05	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5200 MHz

Vertical

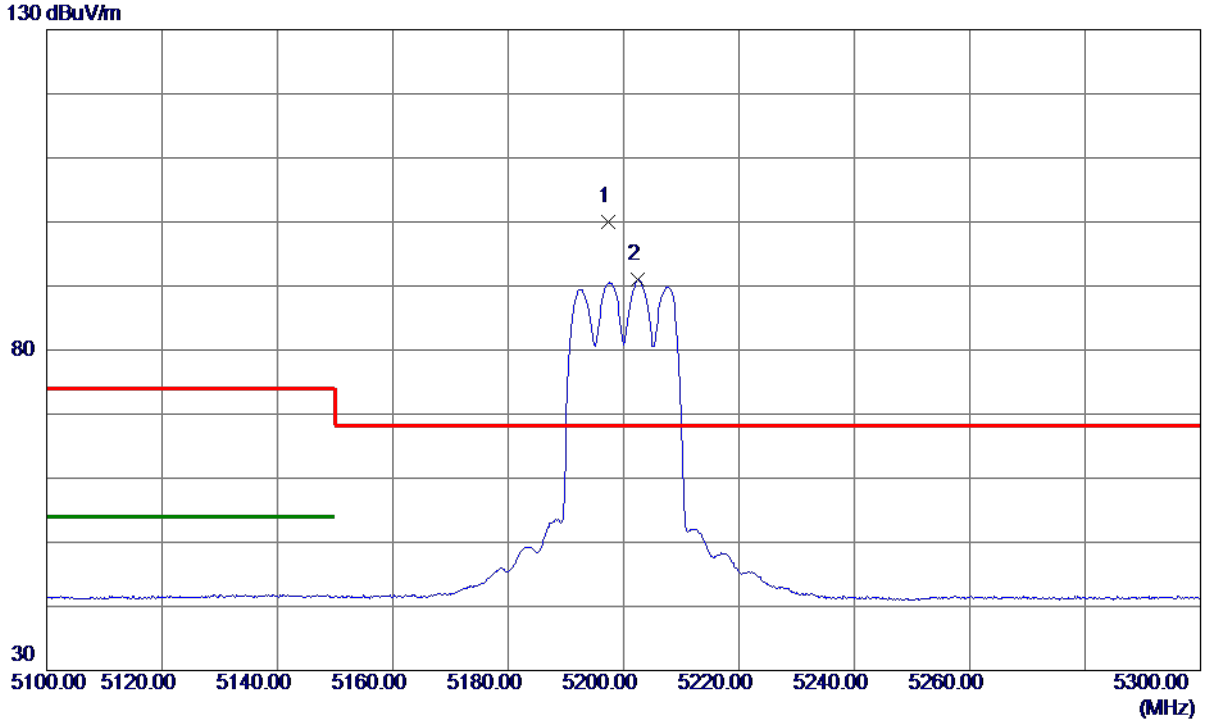


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10397.0700	33.32	15.15	48.47	68.30	-19.83	Peak	
2 *	10401.3850	20.45	15.16	35.61	54.00	-18.39	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5200 MHz

Horizontal

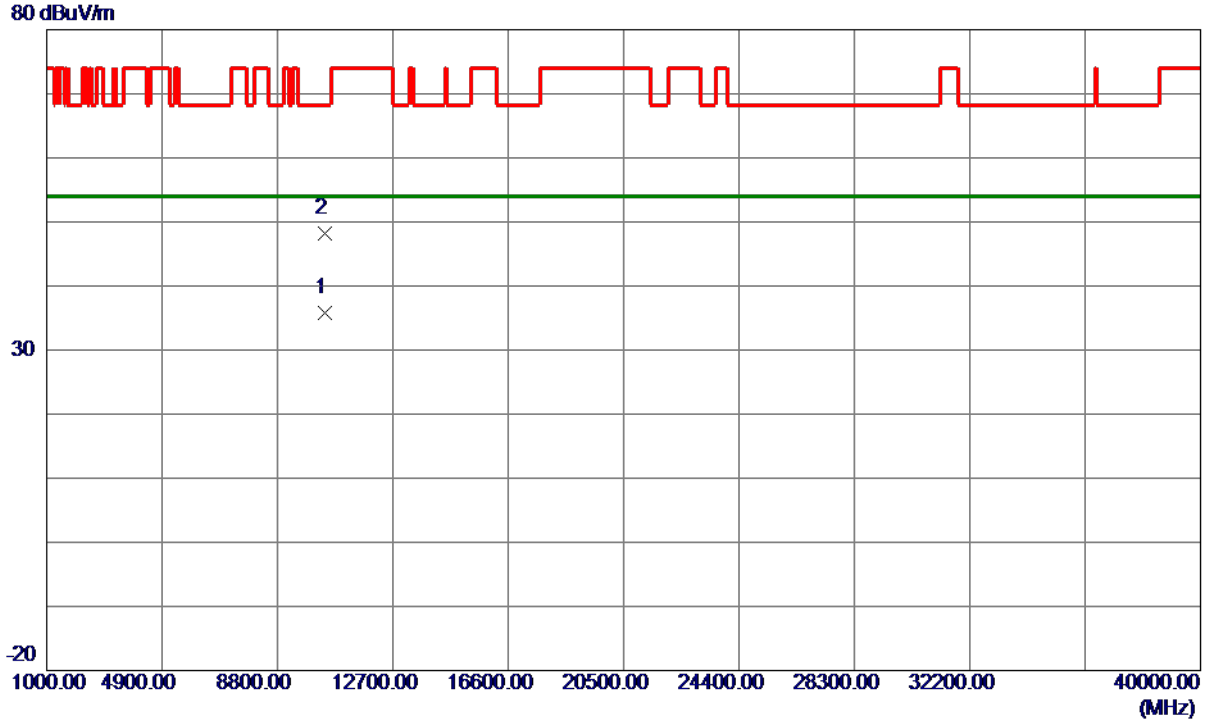


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5197.3000	80.56	19.36	99.92	68.20	31.72	Peak	No Limit
2	5202.5000	71.58	19.37	90.95	999.00	-908.05	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5200 MHz

Horizontal

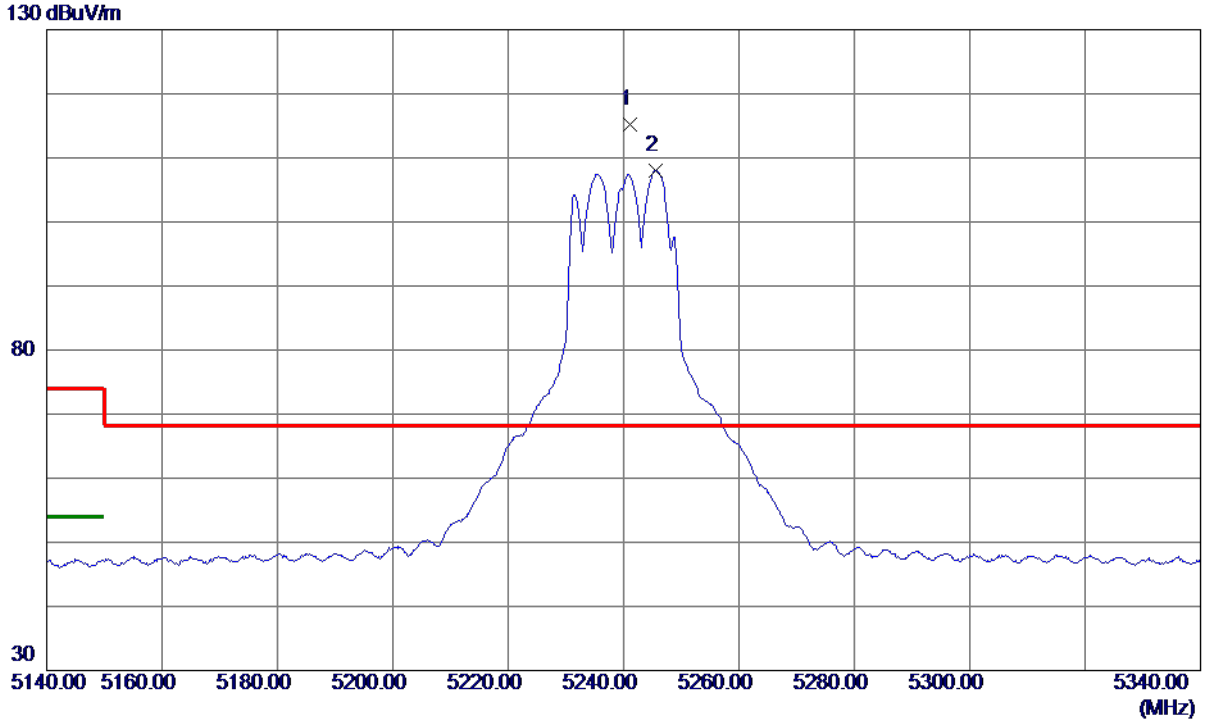


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10401.3450	20.60	15.16	35.76	54.00	-18.24	AVG	
2	10403.3800	33.13	15.16	48.29	68.30	-20.01	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5240 MHz

Vertical

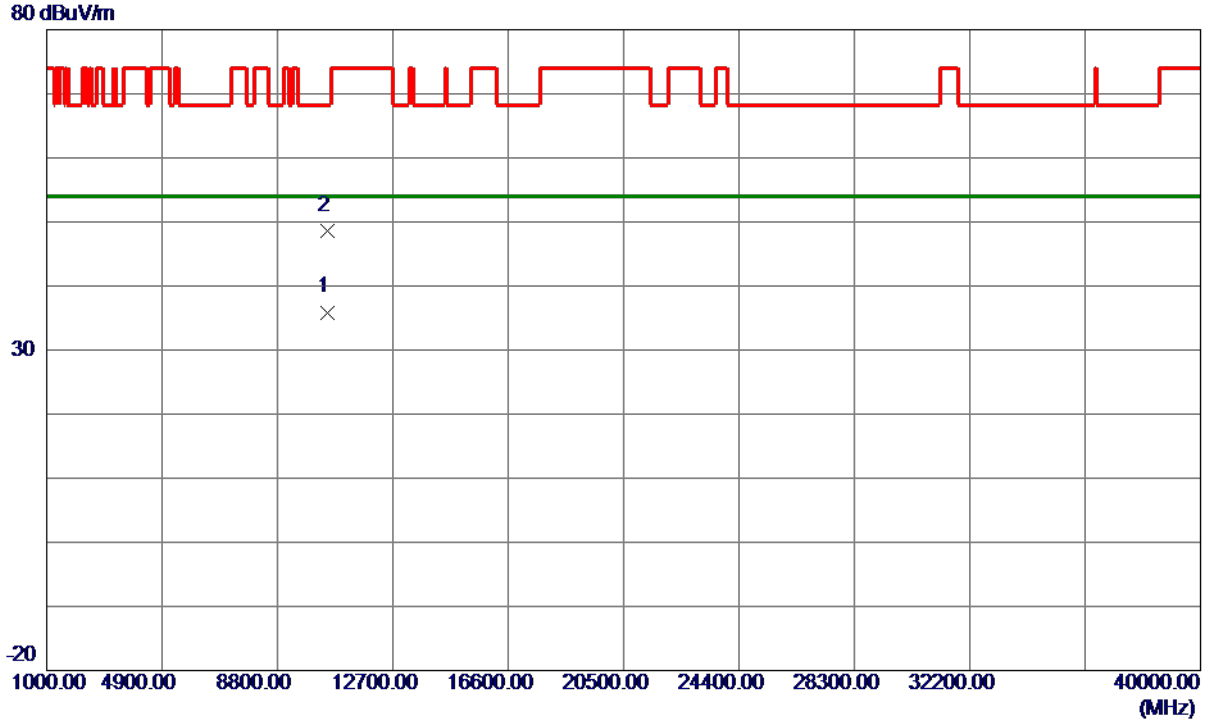


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5241.2000	95.65	19.46	115.11	68.20	46.91	Peak	No Limit
2	5245.6000	88.50	19.47	107.97	999.00	-891.03	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5240 MHz

Vertical

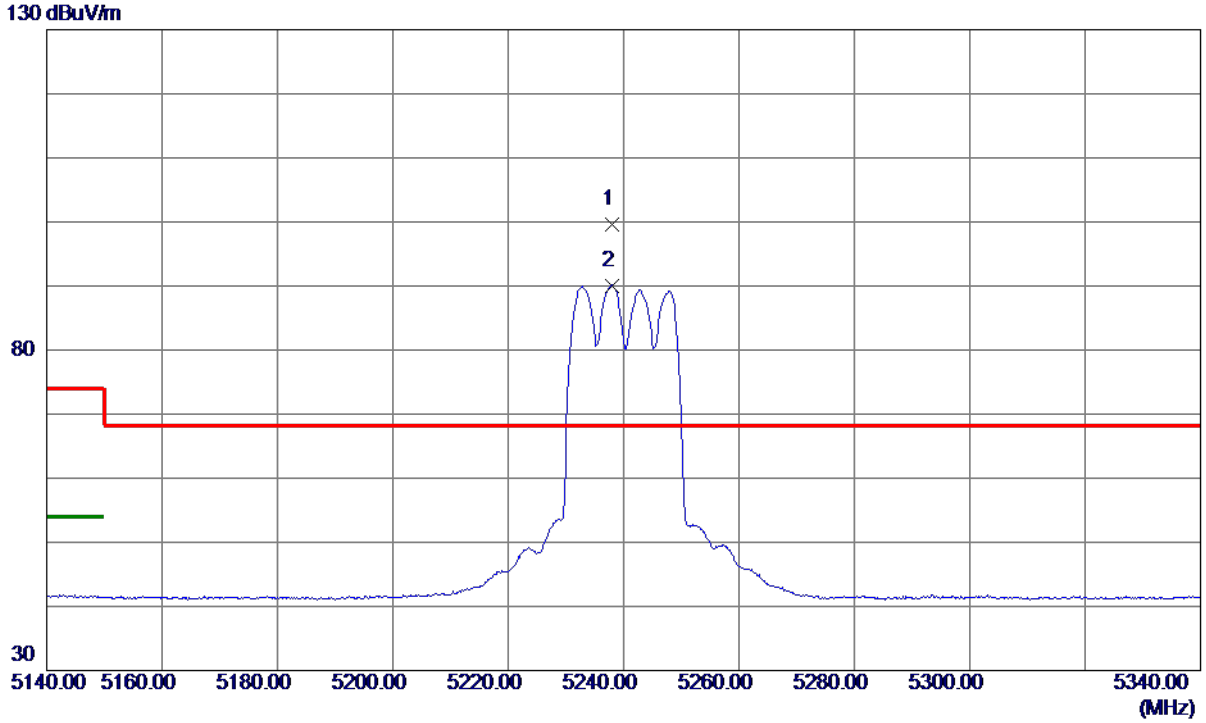


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.7000	20.61	15.29	35.90	54.00	-18.10	AVG	
2	10480.8500	33.21	15.30	48.51	68.30	-19.79	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5240 MHz

Horizontal

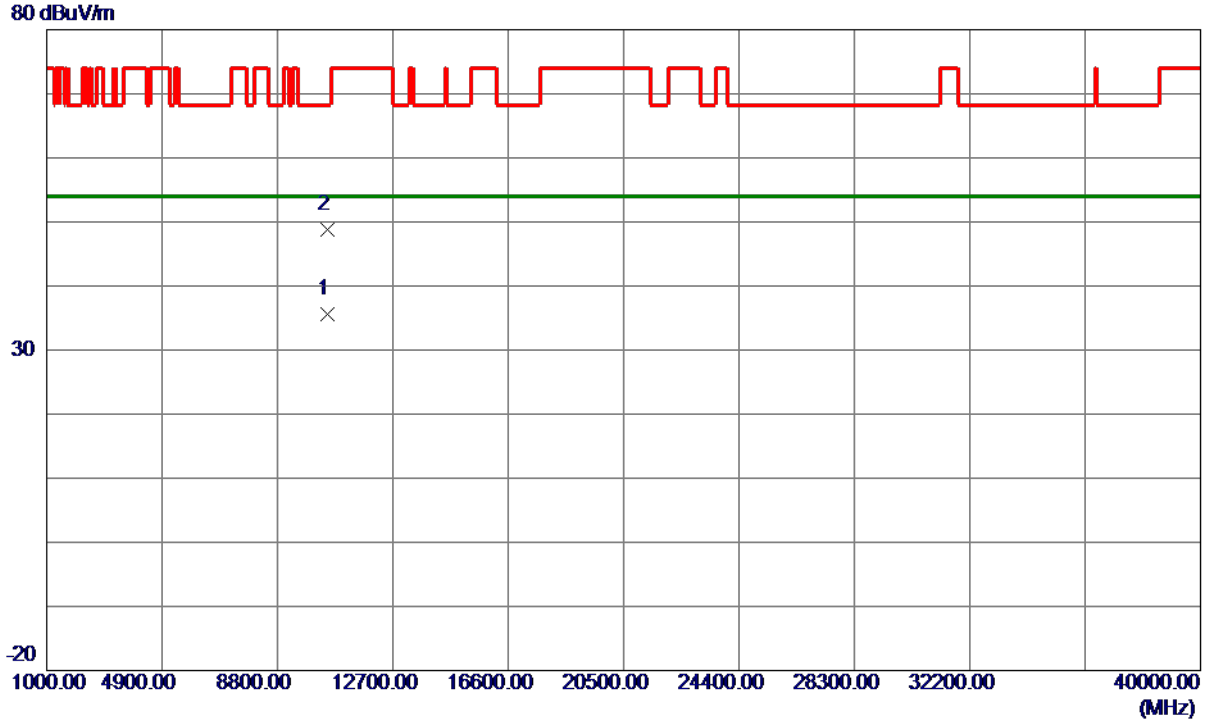


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5238.0000	80.09	19.45	99.54	68.20	31.34	Peak	No Limit
2	5238.0000	70.65	19.45	90.10	999.00	-908.90	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5240 MHz

Horizontal

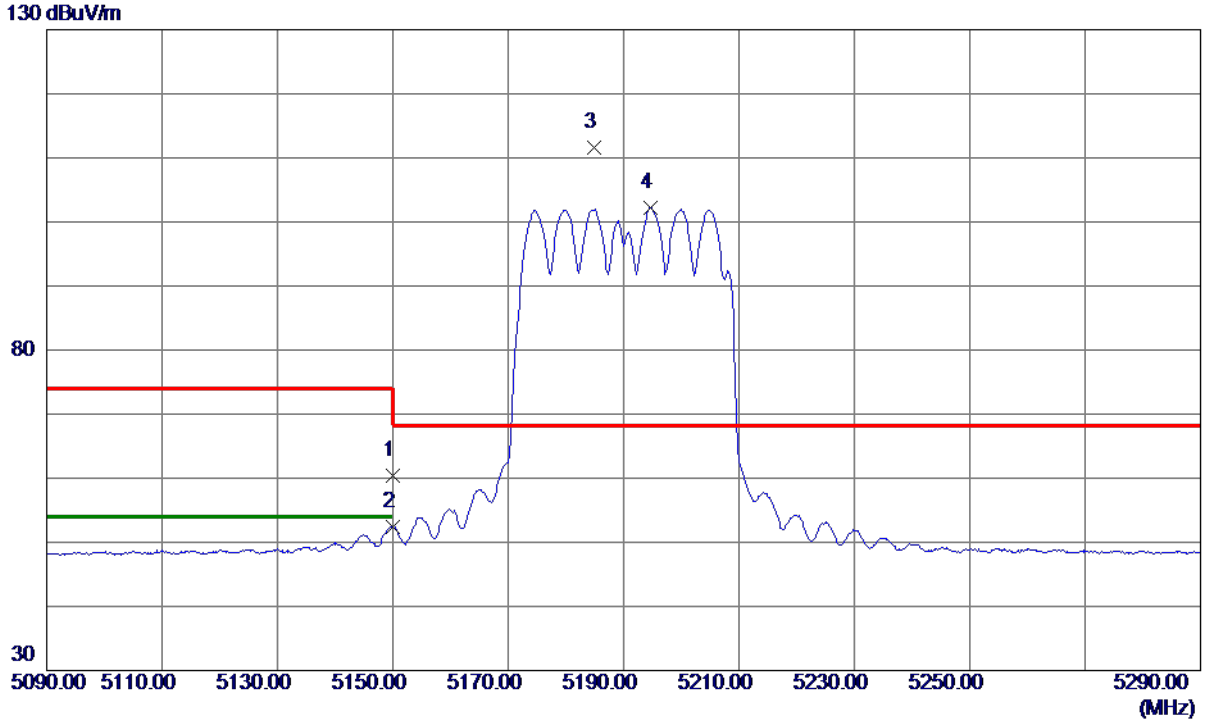


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10477.4600	20.31	15.29	35.60	54.00	-18.40	AVG	
2	10477.7650	33.54	15.29	48.83	68.30	-19.47	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5190 MHz

Vertical

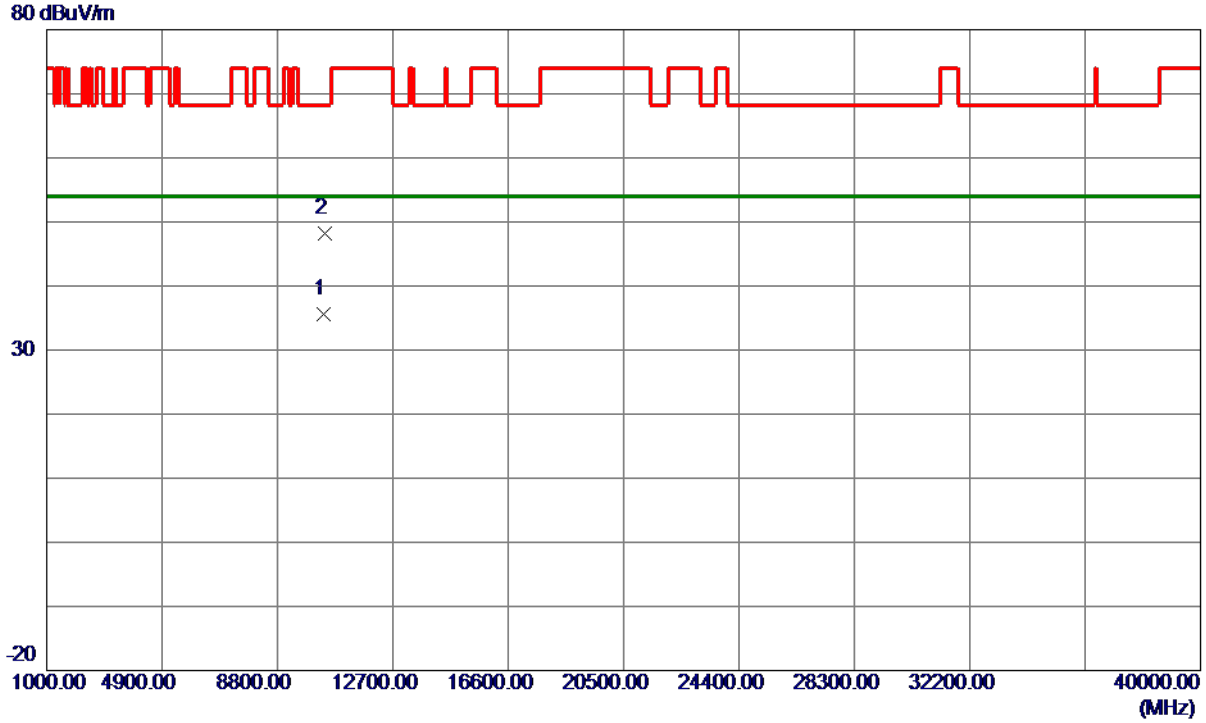


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	41.18	19.25	60.43	74.00	-13.57	Peak	
2	5150.0000	33.20	19.25	52.45	54.00	-1.55	AVG	
3 *	5184.8000	92.21	19.33	111.54	68.20	43.34	Peak	No Limit
4	5194.7000	82.92	19.35	102.27	999.00	-896.73	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5190 MHz

Vertical

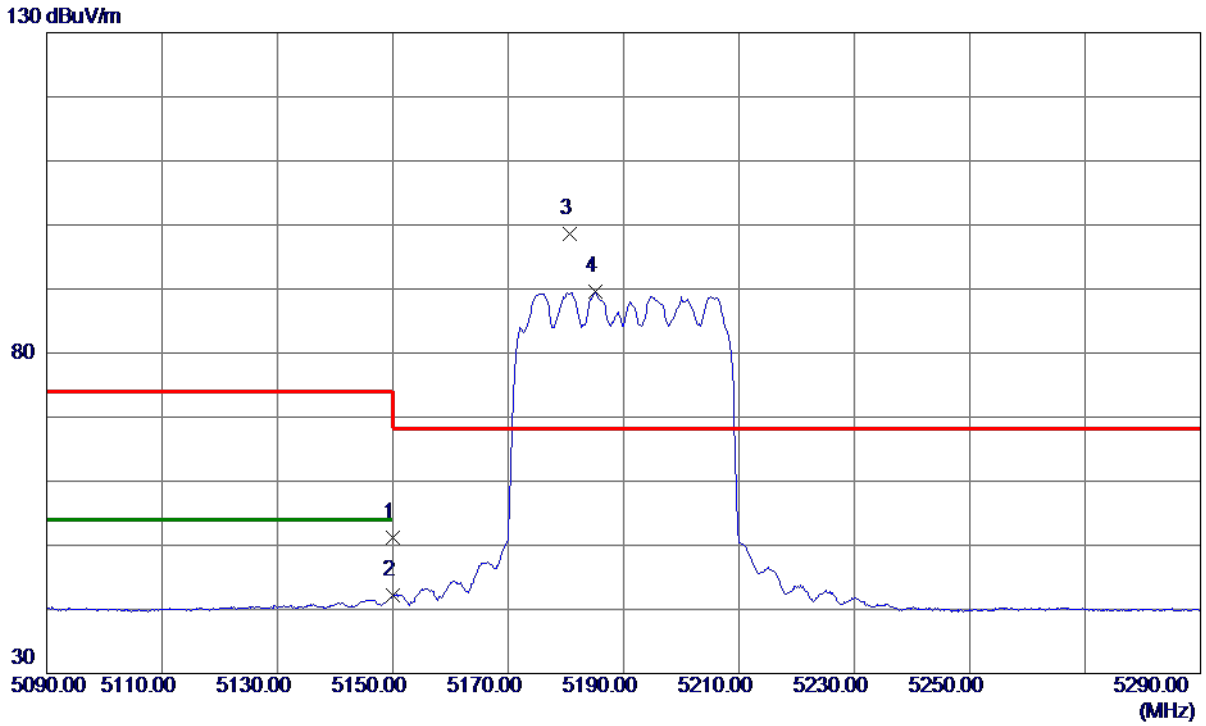


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.7800	20.47	15.12	35.59	54.00	-18.41	AVG	
2	10382.7600	33.11	15.13	48.24	68.30	-20.06	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5190 MHz

Horizontal

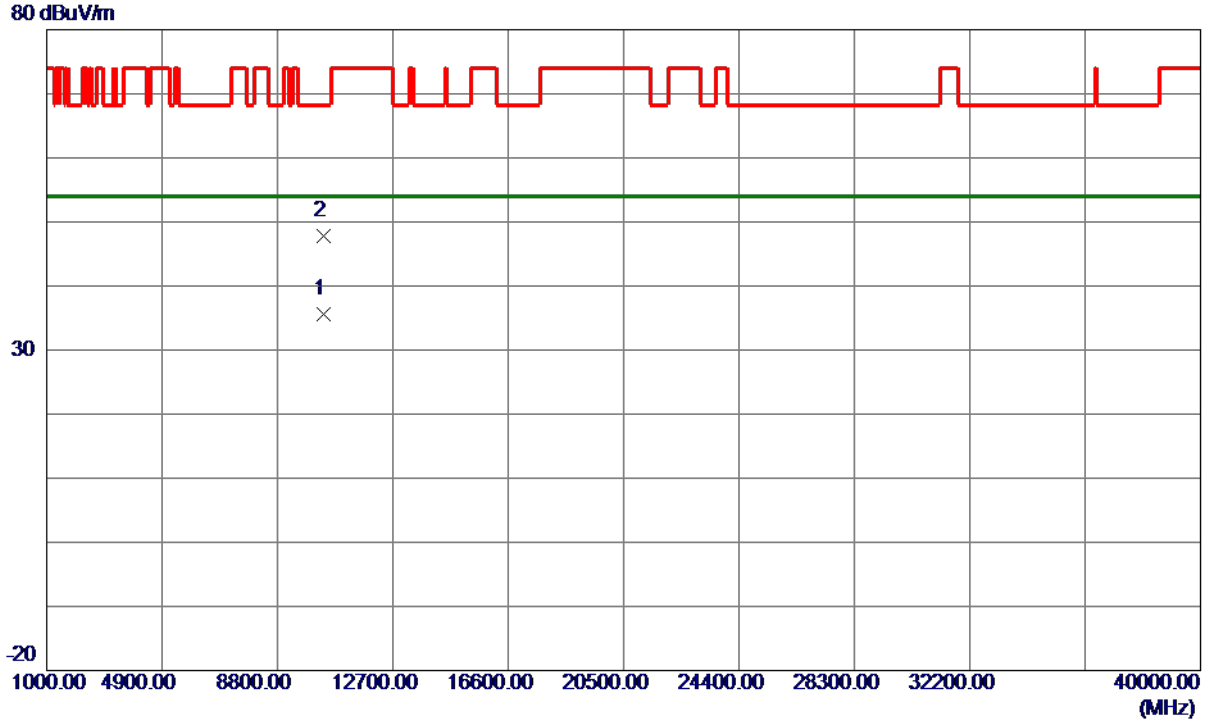


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	33.47	17.68	51.15	74.00	-22.85	Peak	
2	5150.0000	24.48	17.68	42.16	54.00	-11.84	AVG	
3 *	5180.6000	80.87	17.76	98.63	68.20	30.43	Peak	No Limit
4	5185.1000	71.87	17.77	89.64	999.00	-909.36	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5190 MHz

Horizontal

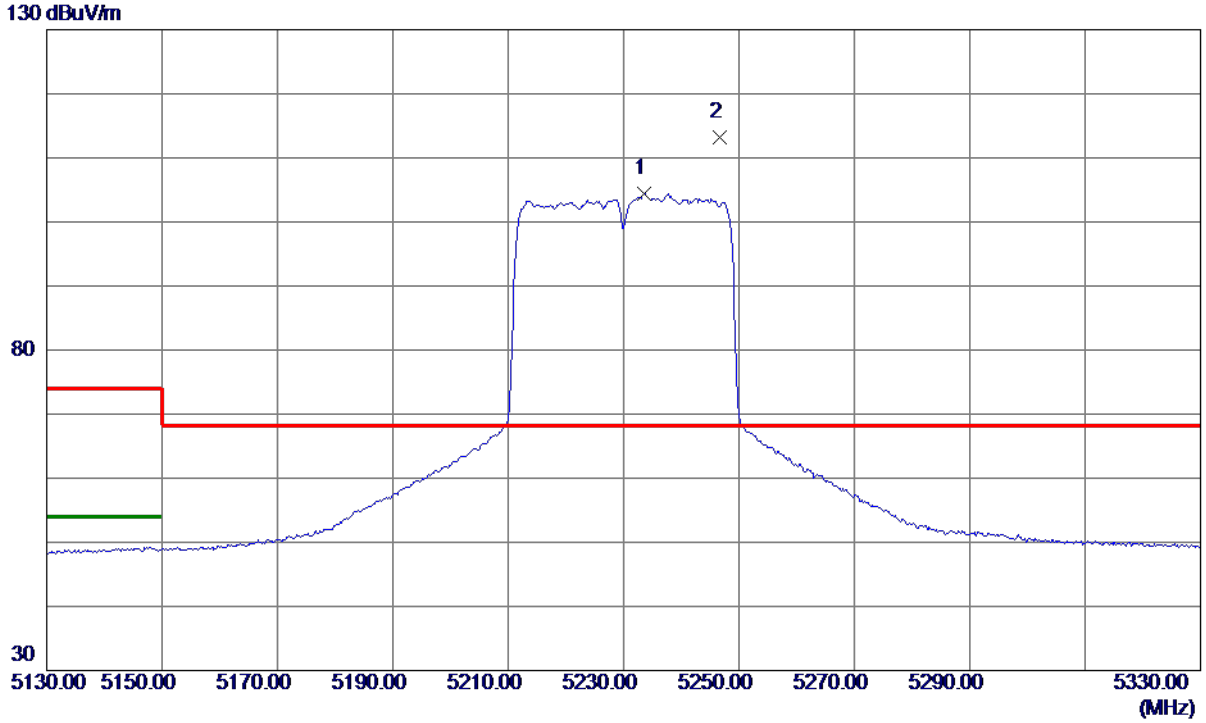


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10376.4000	20.57	15.11	35.68	54.00	-18.32	AVG	
2	10376.8150	32.77	15.12	47.89	68.30	-20.41	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5230 MHz

Vertical

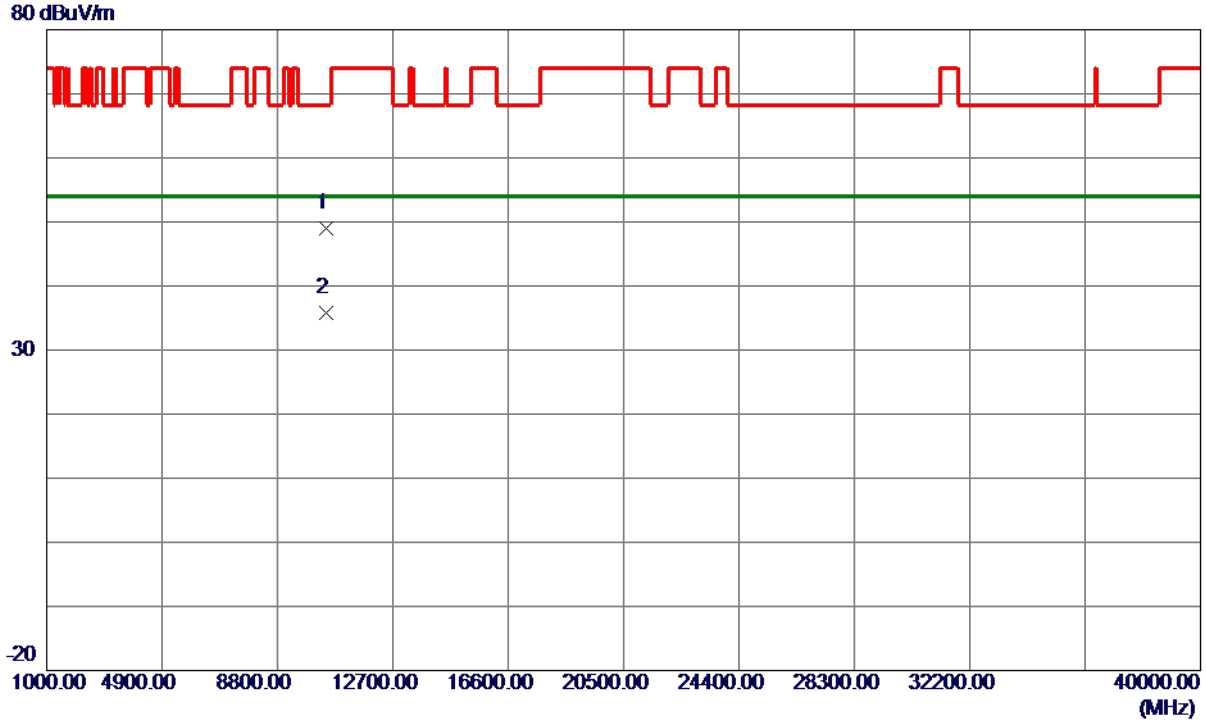


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.6000	85.04	19.44	104.48	999.00	-894.52	AVG	No Limit
2 *	5246.6000	93.77	19.47	113.24	68.20	45.04	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5230 MHz

Vertical

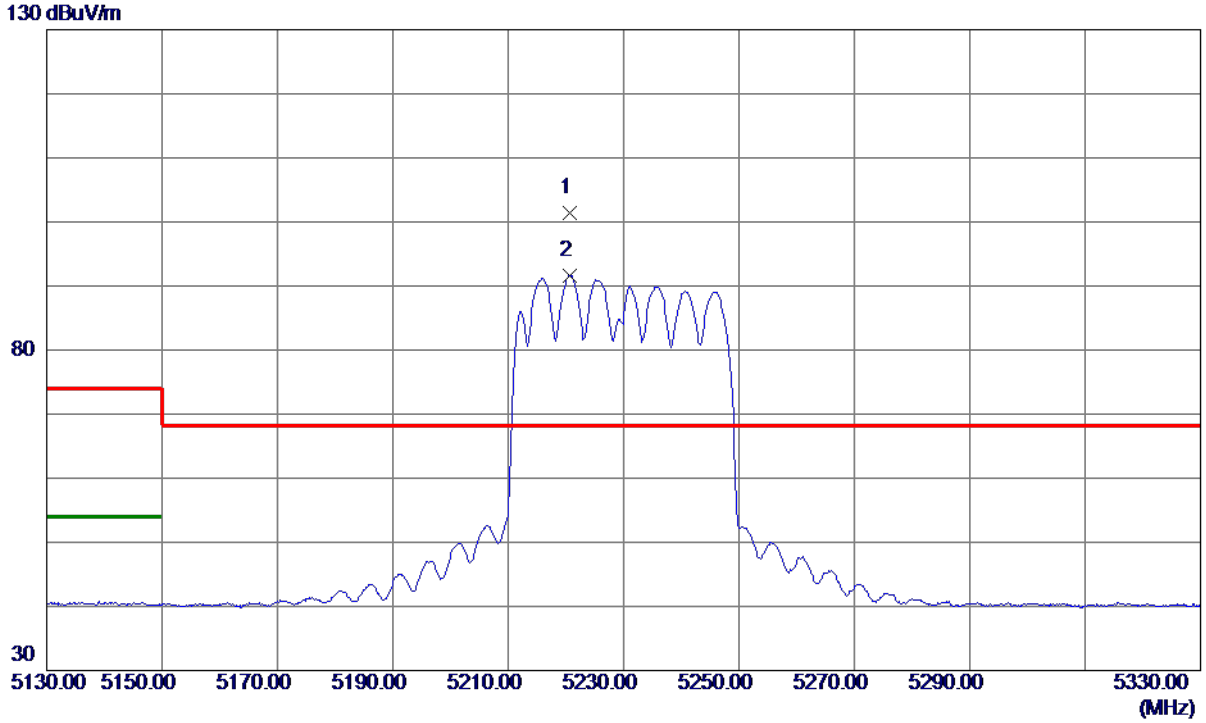


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10461.2900	33.70	15.26	48.96	68.30	-19.34	Peak	
2 *	10461.5199	20.55	15.26	35.81	54.00	-18.19	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5230 MHz

Horizontal

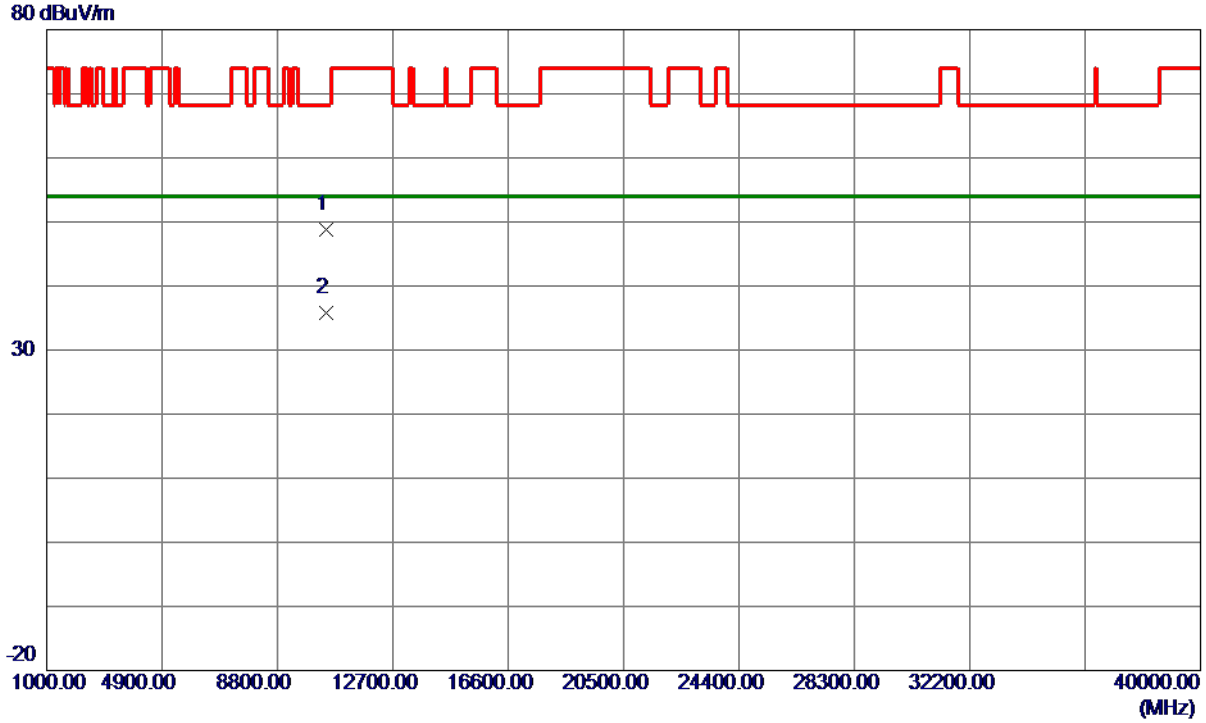


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5220.7000	83.58	17.87	101.45	68.20	33.25	Peak	No Limit
2	5220.7000	73.74	17.87	91.61	999.00	-907.39	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5230 MHz

Horizontal

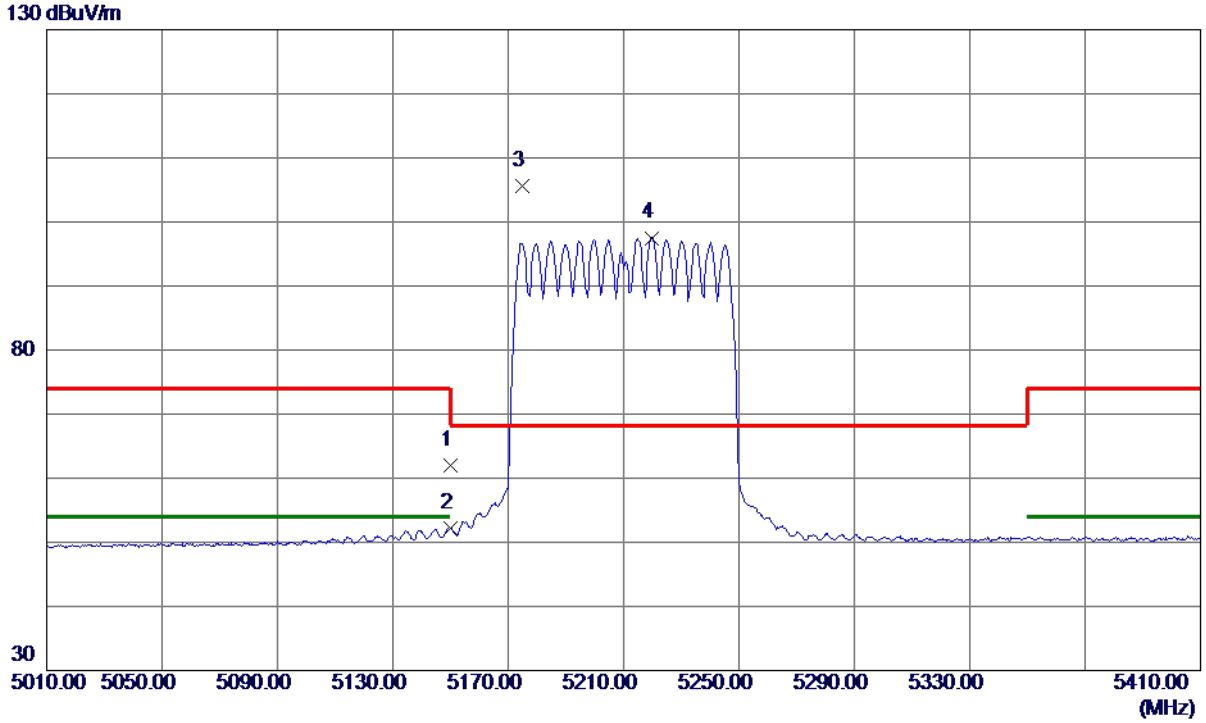


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.5599	33.45	15.26	48.71	68.30	-19.59	Peak	
2 *	10461.5350	20.58	15.26	35.84	54.00	-18.16	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT80) Mode 5210 MHz

Vertical

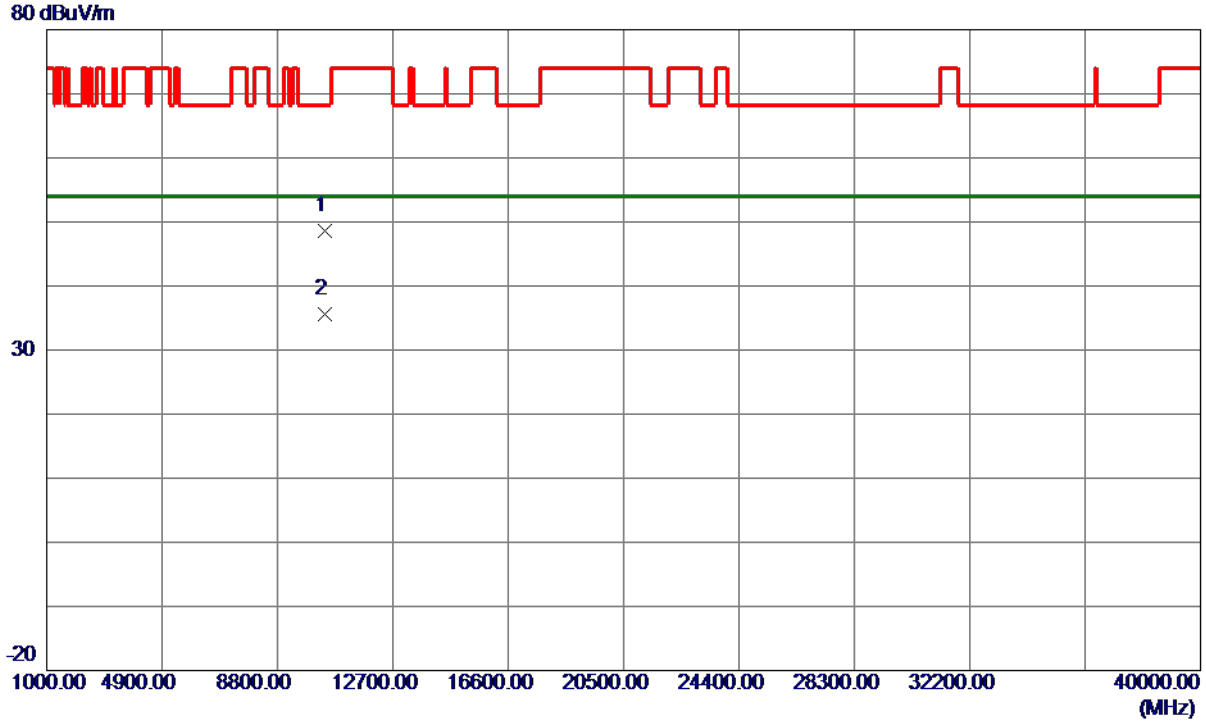


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	42.74	19.25	61.99	74.00	-12.01	Peak	
2	5150.0000	33.04	19.25	52.29	54.00	-1.71	AVG	
3 *	5174.8000	86.37	19.30	105.67	68.20	37.47	Peak	No Limit
4	5219.6000	78.09	19.41	97.50	999.00	-901.50	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT80) Mode 5210 MHz

Vertical

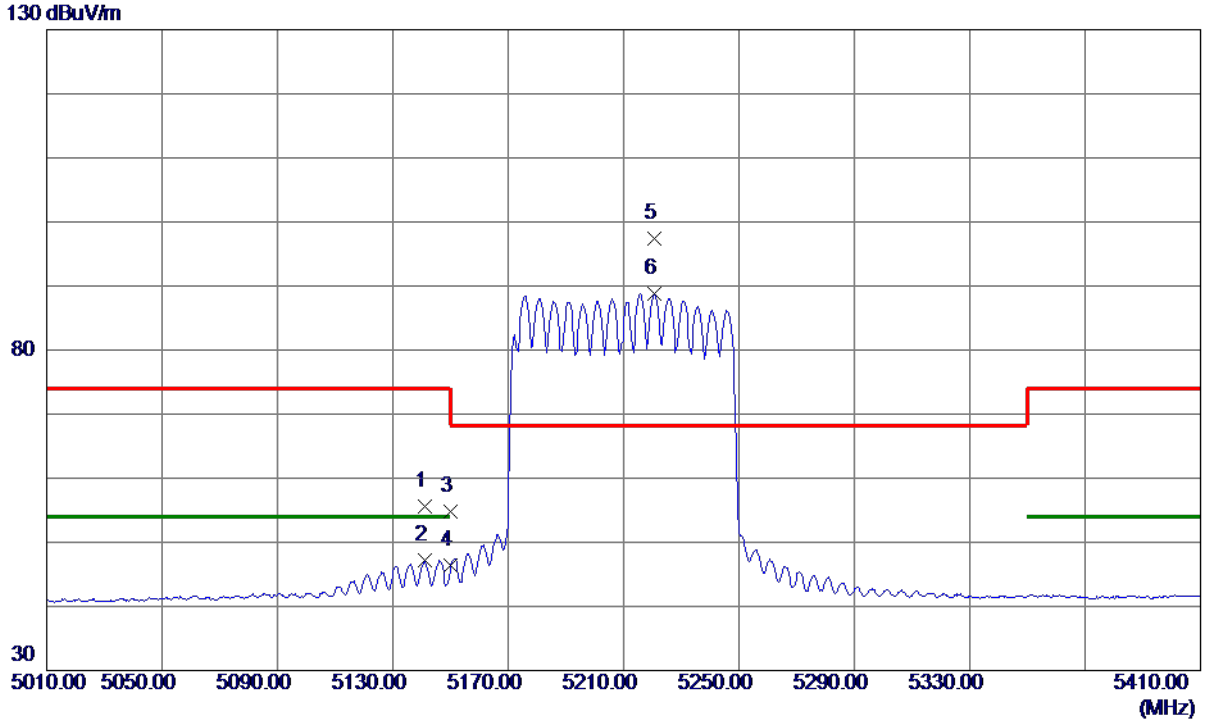


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10419.8000	33.37	15.19	48.56	68.30	-19.74	Peak	
2 *	10420.1600	20.42	15.19	35.61	54.00	-18.39	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT80) Mode 5210 MHz

Horizontal

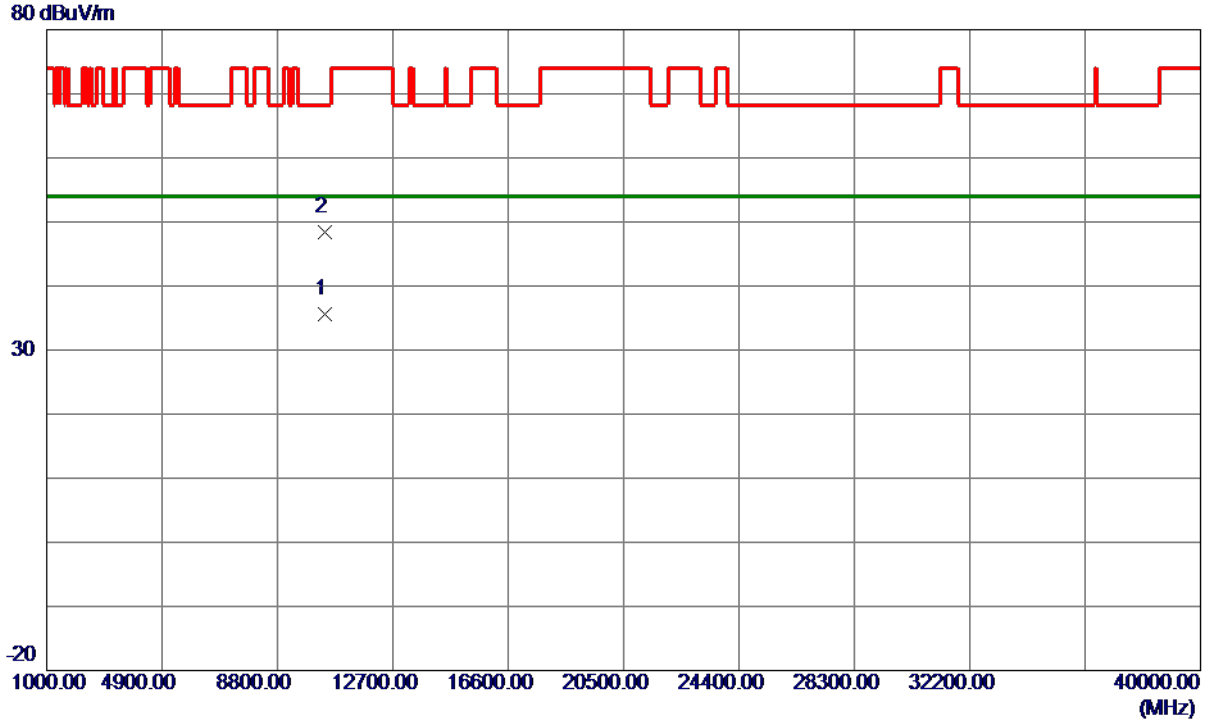


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5141.0000	37.99	17.65	55.64	74.00	-18.36	Peak	
2	5141.0000	29.58	17.65	47.23	54.00	-6.77	AVG	
3	5150.0000	37.11	17.68	54.79	74.00	-19.21	Peak	
4	5150.0000	28.75	17.68	46.43	54.00	-7.57	AVG	
5 *	5220.6000	79.45	17.87	97.32	68.20	29.12	Peak	No Limit
6	5220.8000	70.92	17.87	88.79	999.00	-910.21	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT80) Mode 5210 MHz

Horizontal

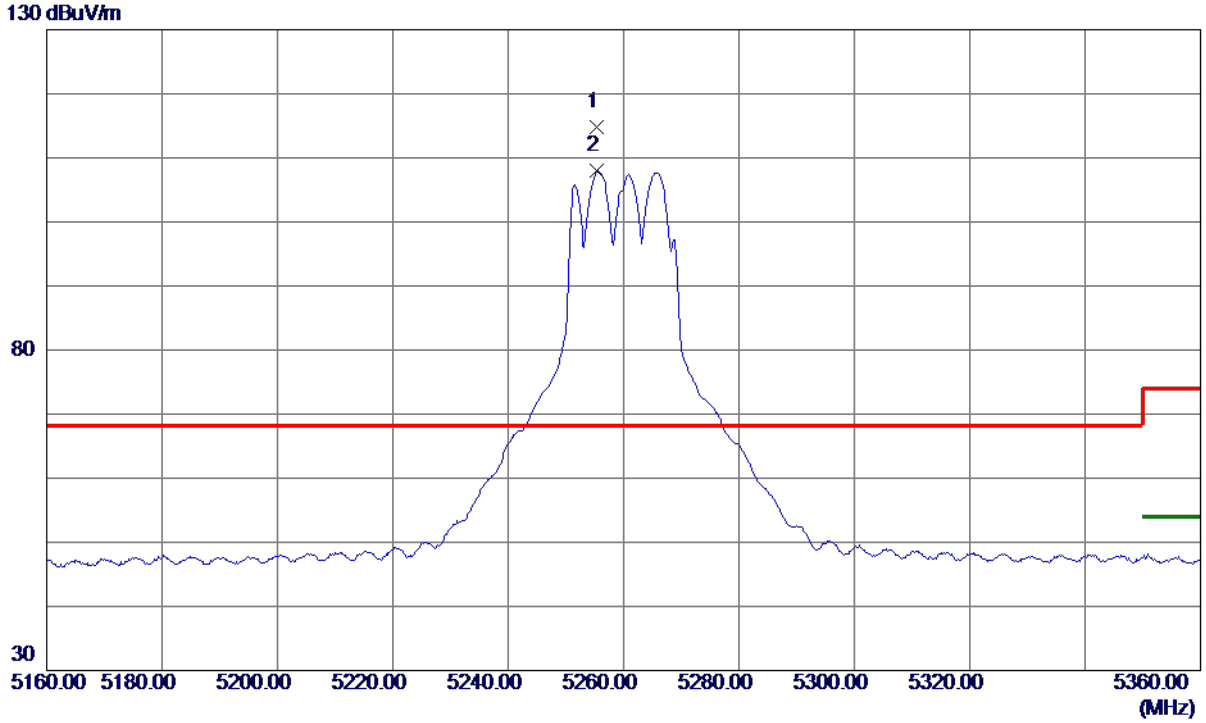


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10416.8700	20.43	15.19	35.62	54.00	-18.38	AVG	
2	10417.7000	33.15	15.19	48.34	68.30	-19.96	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5260 MHz

Vertical

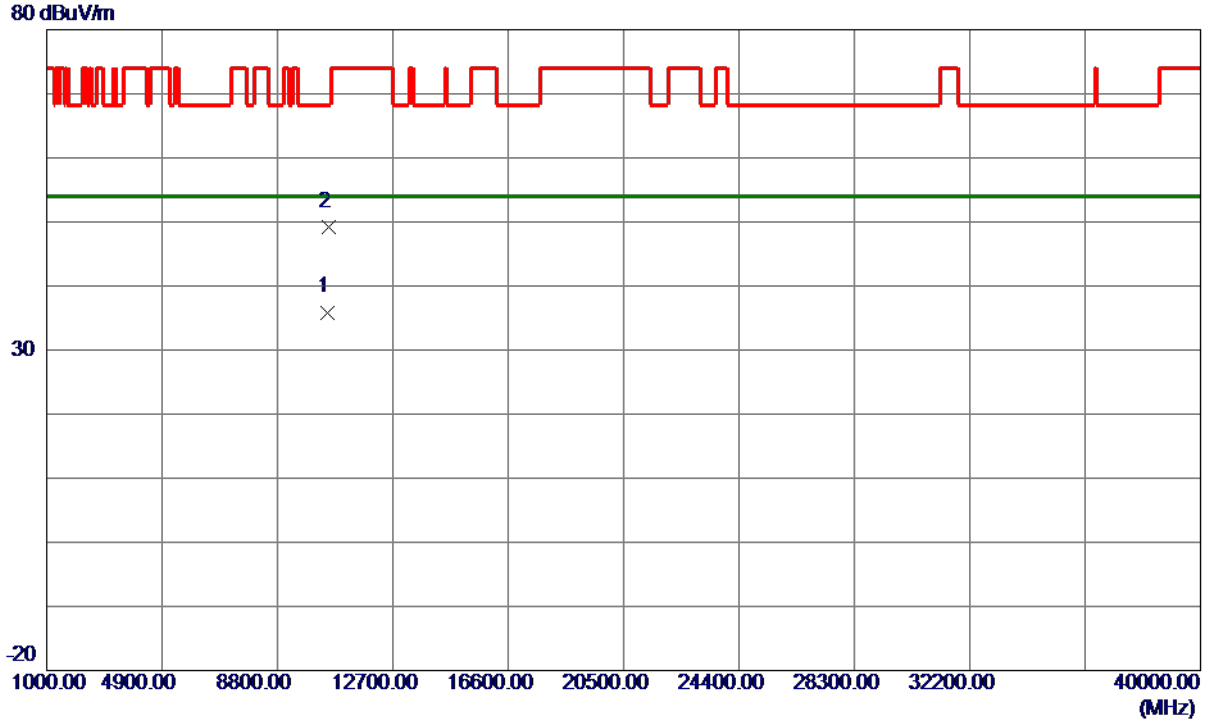


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5255.4000	95.22	19.50	114.72	68.20	46.52	Peak	No Limit
2	5255.4000	88.44	19.50	107.94	999.00	-891.06	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5260 MHz

Vertical

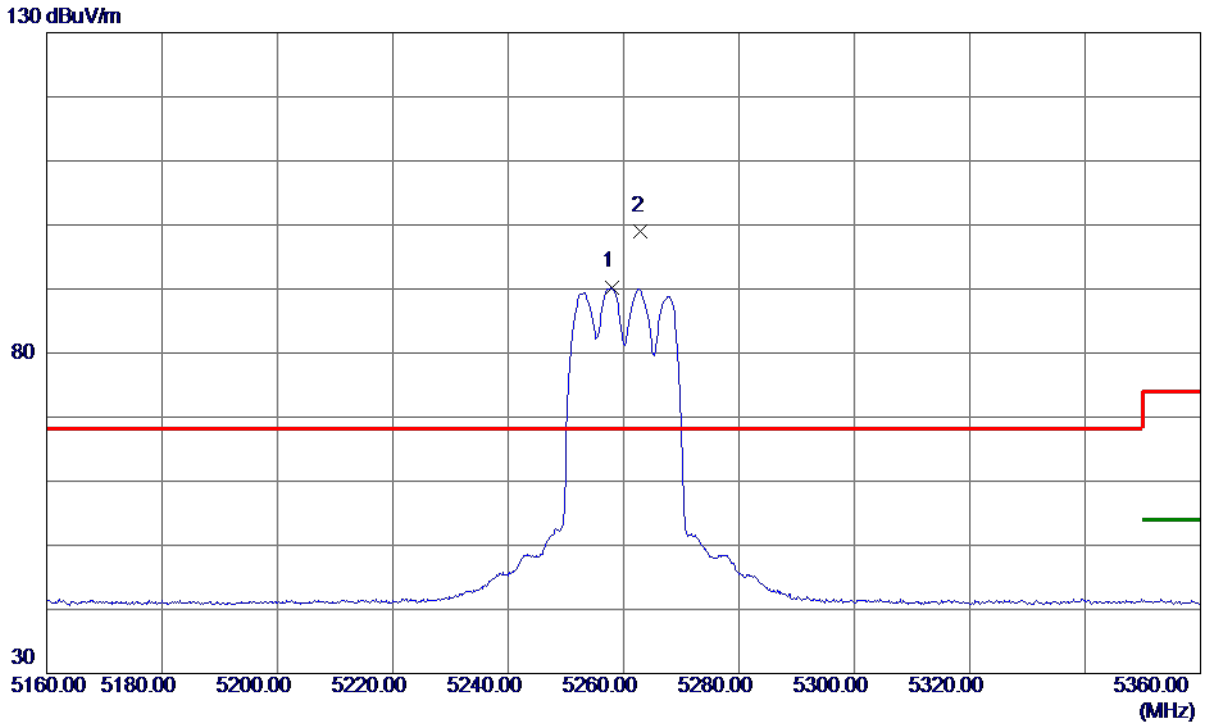


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10497.0000	20.58	15.32	35.90	54.00	-18.10	AVG	
2	10515.0500	33.85	15.35	49.20	68.30	-19.10	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5260 MHz

Horizontal

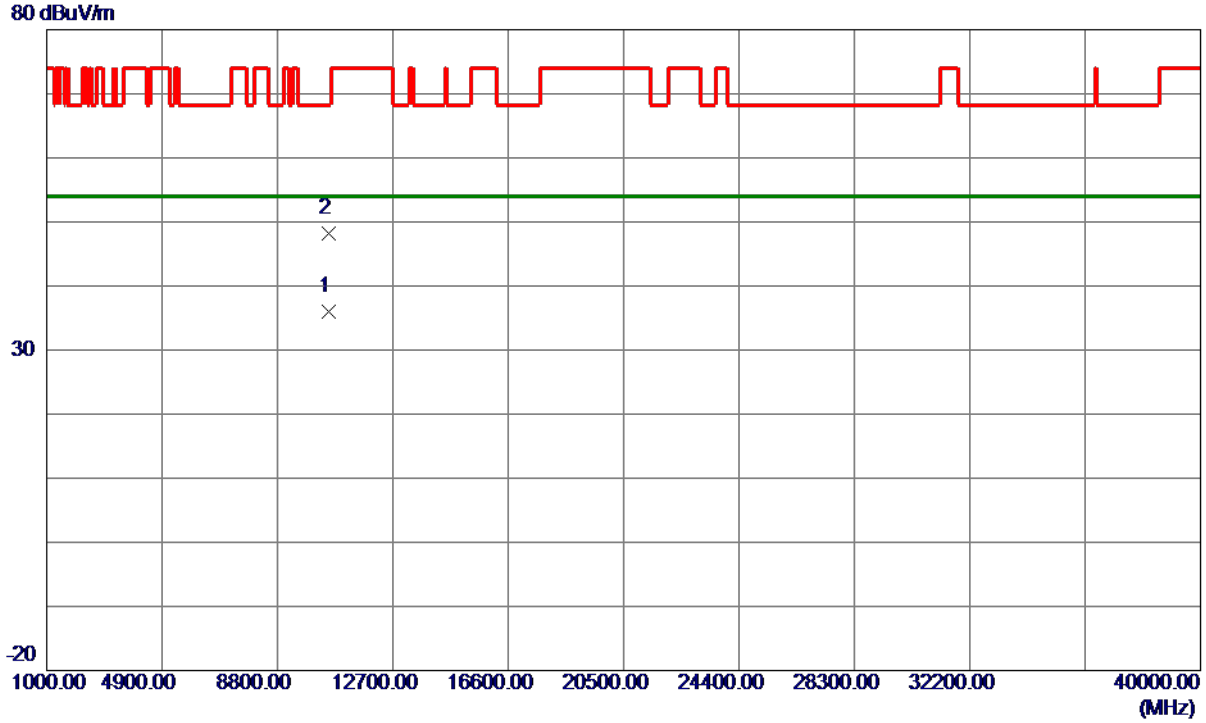


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5257.9000	70.80	19.50	90.30	999.00	-908.70	AVG	No Limit
2 *	5263.0000	79.51	19.51	99.02	68.20	30.82	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5260 MHz

Horizontal

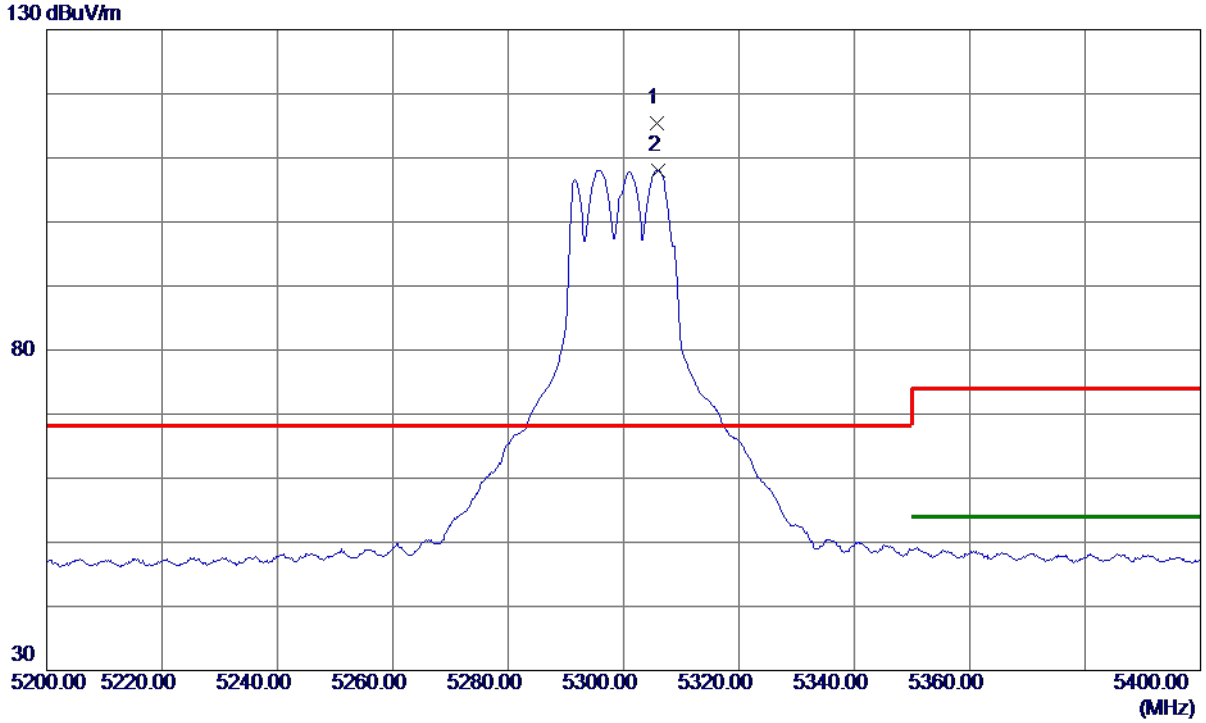


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10535.7250	20.59	15.37	35.96	54.00	-18.04	AVG	
2	10544.2000	32.82	15.37	48.19	68.30	-20.11	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5300 MHz

Vertical

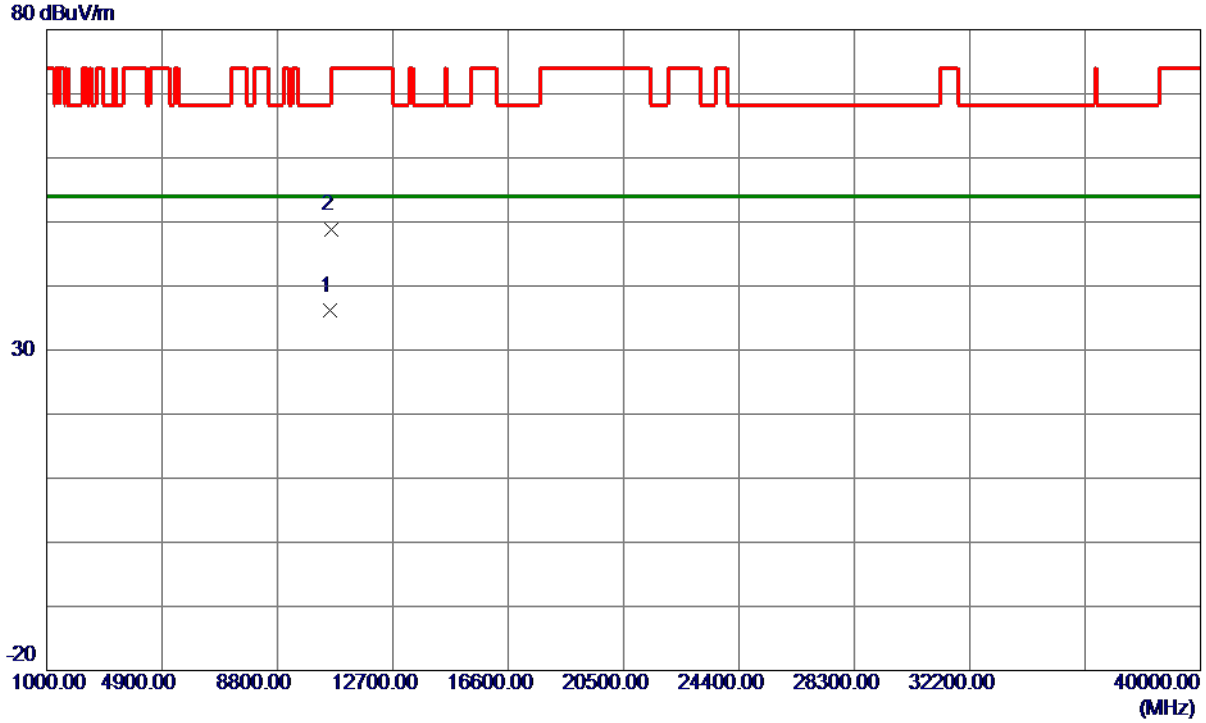


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5305.8000	95.73	19.61	115.34	68.20	47.14	Peak	No Limit
2	5306.0000	88.48	19.62	108.10	999.00	-890.90	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5300 MHz

Vertical

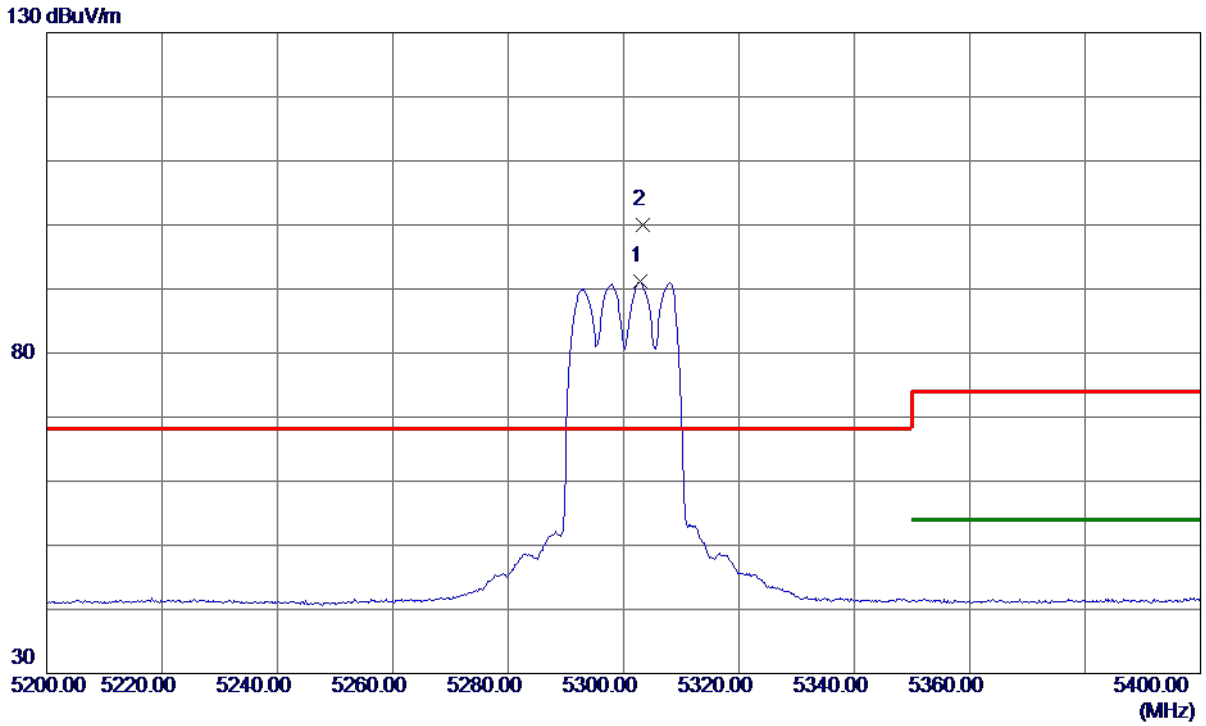


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10583.0500	20.69	15.41	36.10	54.00	-17.90	AVG	
2	10603.1250	33.36	15.44	48.80	74.00	-25.20	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5300 MHz

Horizontal

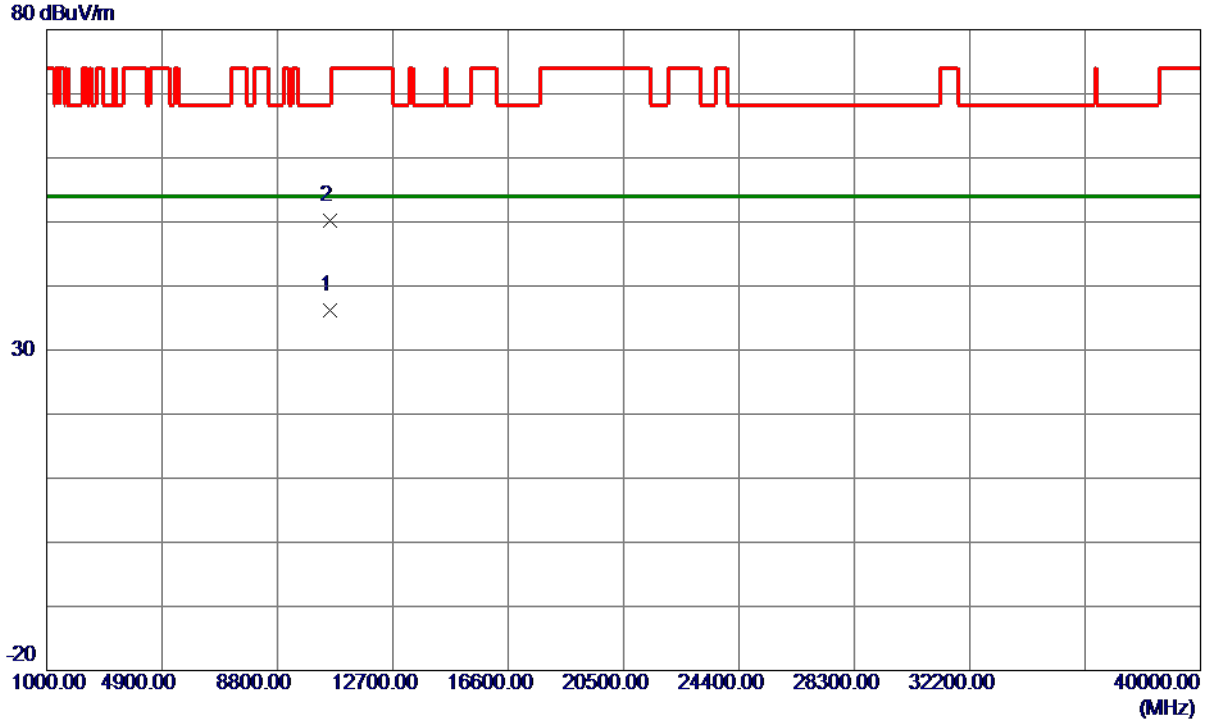


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5302.9000	71.54	19.61	91.15	999.00	-907.85	AVG	No Limit
2 *	5303.4000	80.33	19.61	99.94	68.20	31.74	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5300 MHz

Horizontal

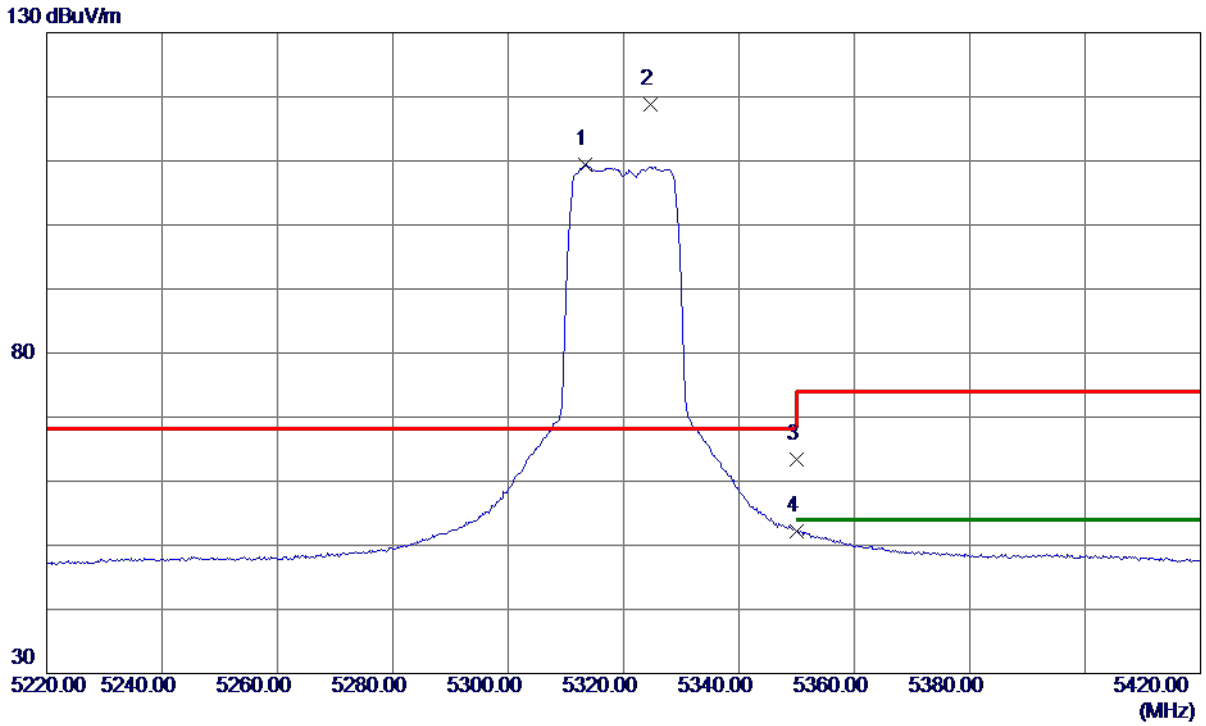


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10576.8500	20.81	15.41	36.22	54.00	-17.78	AVG	
2	10590.7750	34.71	15.42	50.13	68.30	-18.17	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz

Vertical

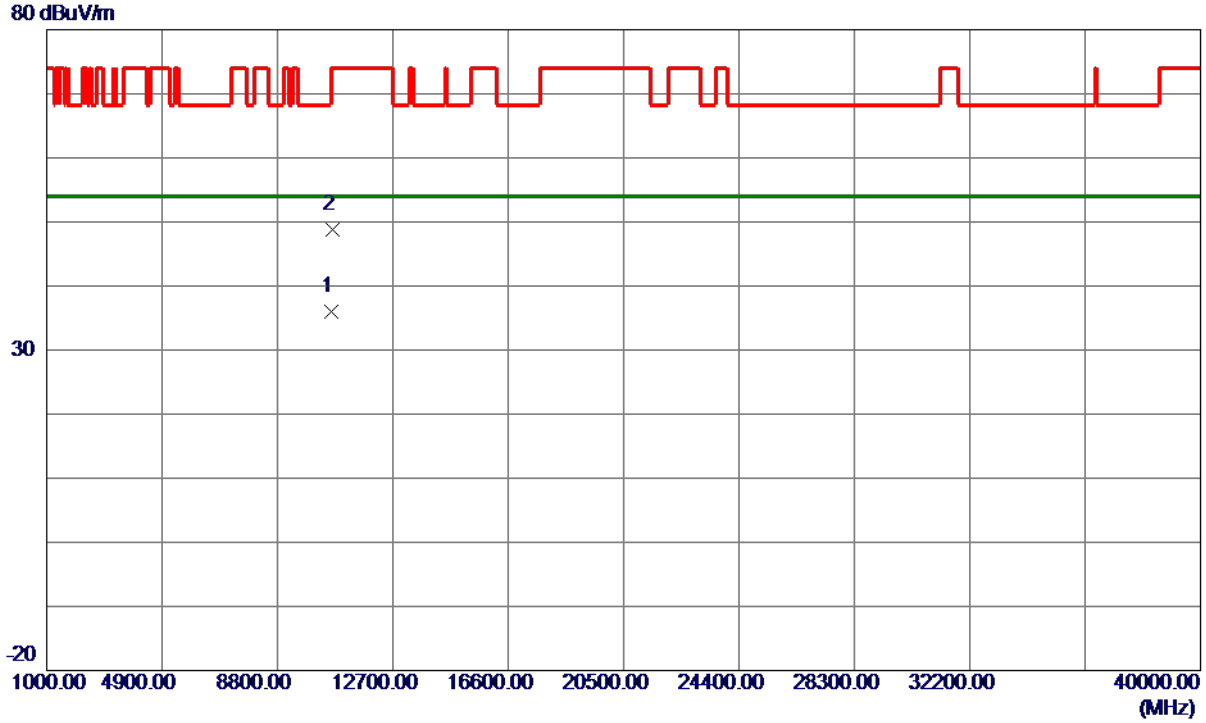


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5313.4000	89.74	19.63	109.37	999.00	-889.63	AVG	No Limit
2 *	5324.6000	99.17	19.66	118.83	68.20	50.63	Peak	No Limit
3	5350.0000	43.77	19.72	63.49	74.00	-10.51	Peak	
4	5350.0000	32.45	19.72	52.17	999.00	-946.83	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz

Vertical

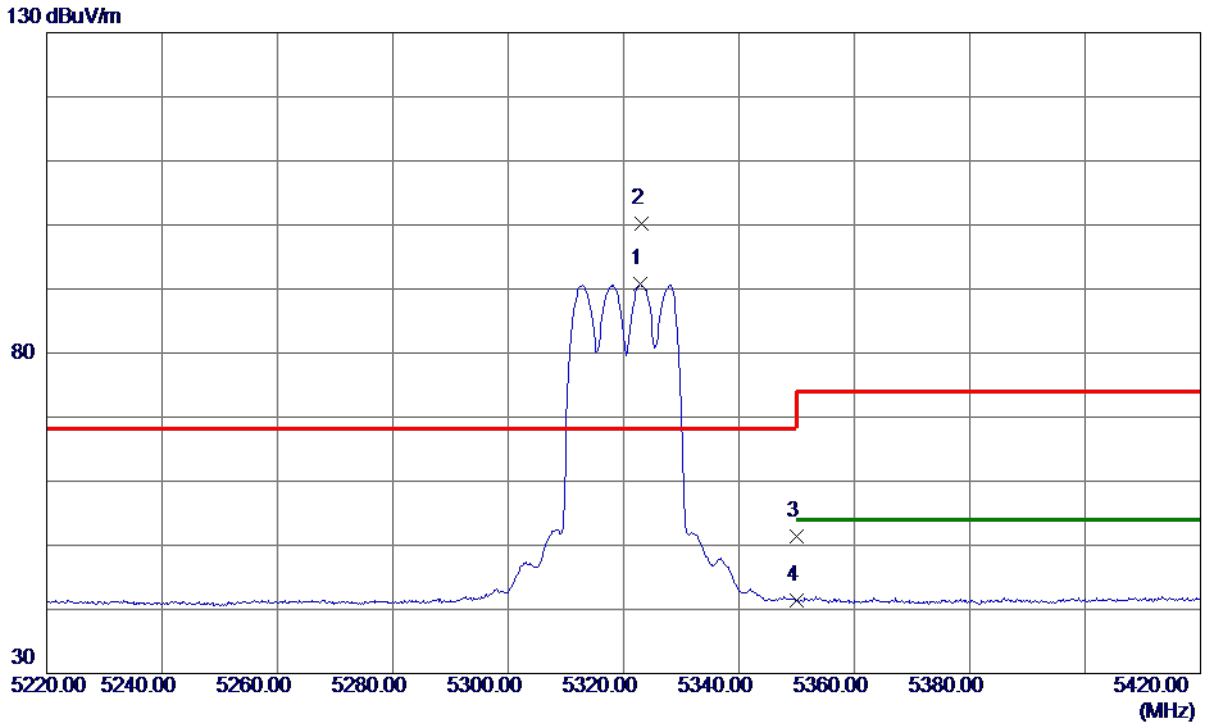


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10615.9750	20.59	15.45	36.04	54.00	-17.96	AVG	
2	10660.1500	33.31	15.49	48.80	74.00	-25.20	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz

Horizontal

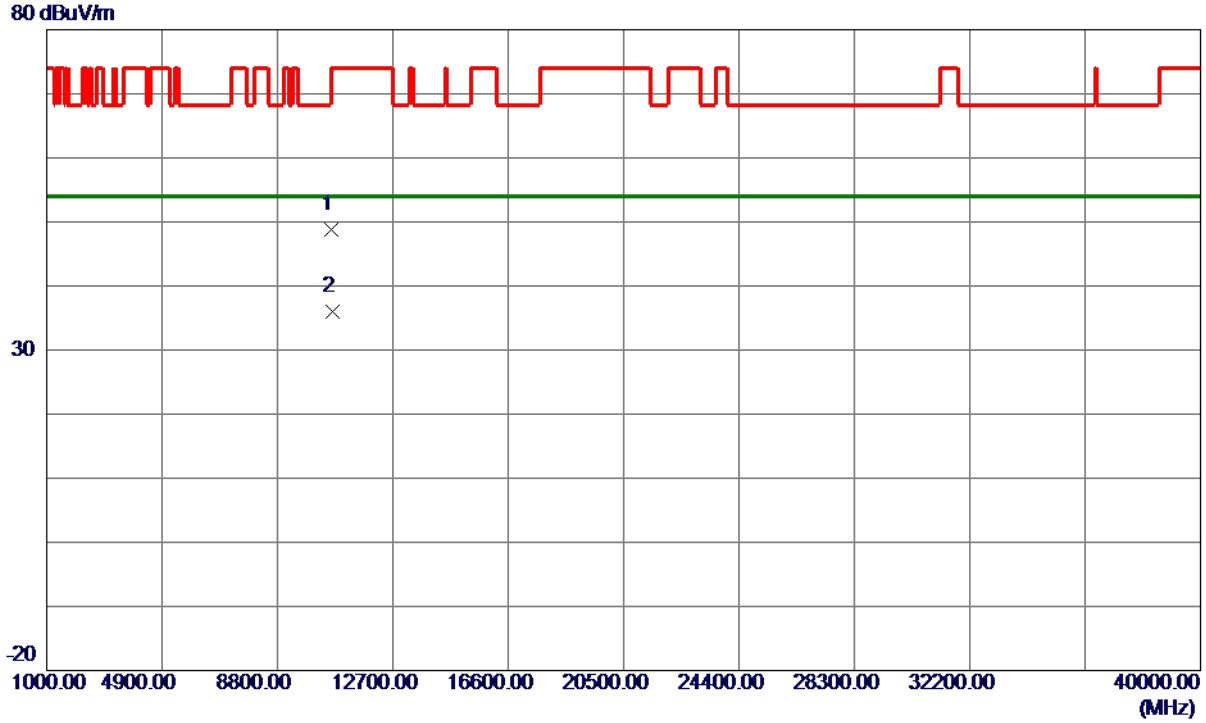


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5322.8000	71.17	19.66	90.83	999.00	-908.17	AVG	No Limit
2 *	5323.1000	80.52	19.66	100.18	68.20	31.98	Peak	No Limit
3	5350.0000	31.60	19.72	51.32	74.00	-22.68	Peak	
4	5350.0000	21.60	19.72	41.32	999.00	-957.68	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz

Horizontal

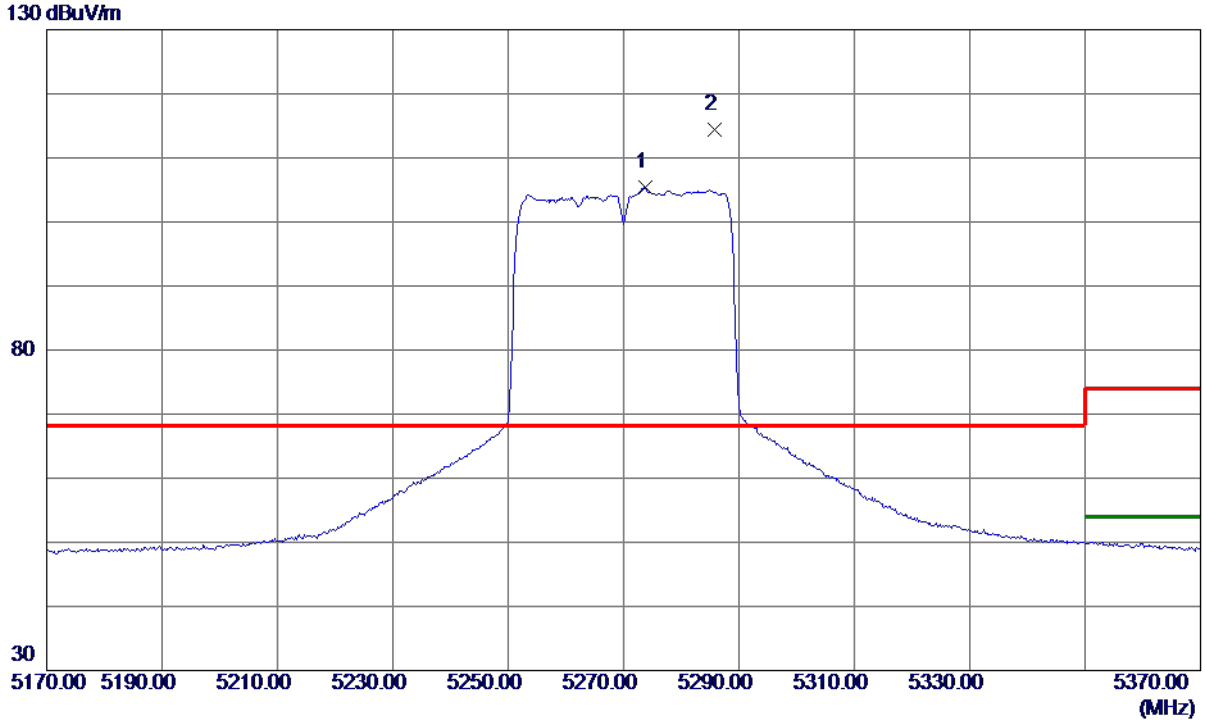


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10620.2500	33.36	15.45	48.81	74.00	-25.19	Peak	
2 *	10651.6250	20.55	15.48	36.03	54.00	-17.97	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5270 MHz

Vertical

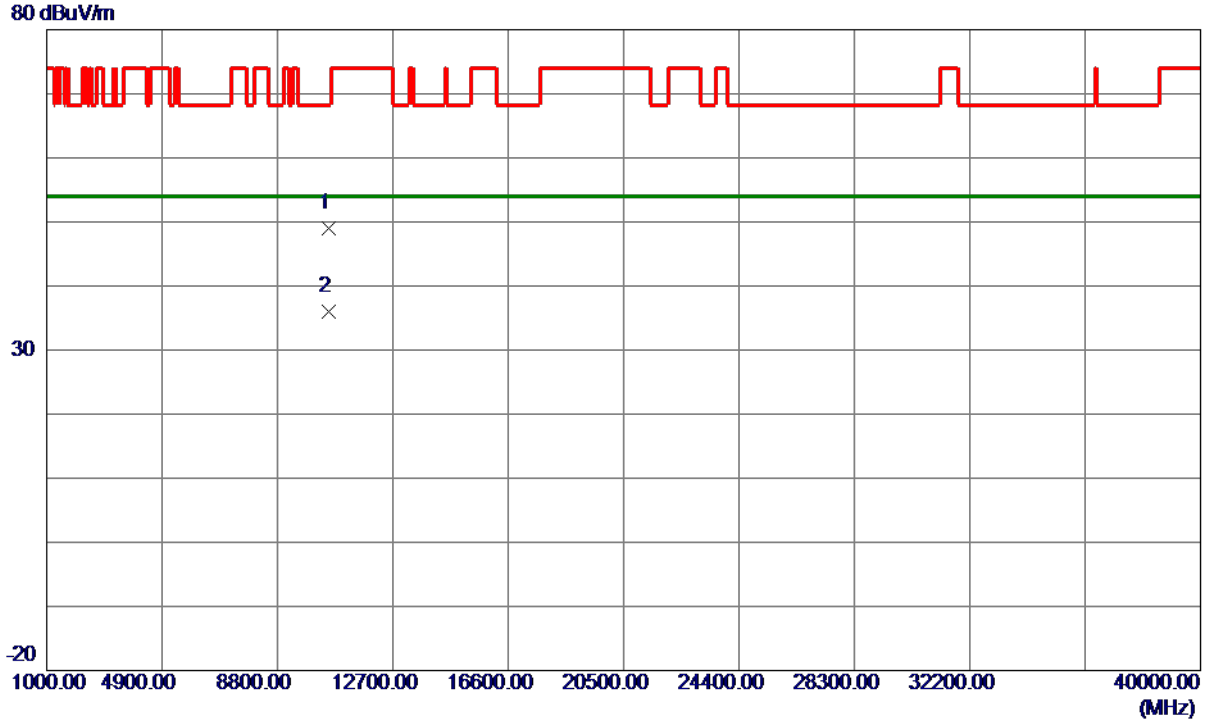


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5273.8000	85.85	19.54	105.39	999.00	-893.61	AVG	No Limit
2 *	5285.8000	94.87	19.57	114.44	68.20	46.24	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5270 MHz

Vertical

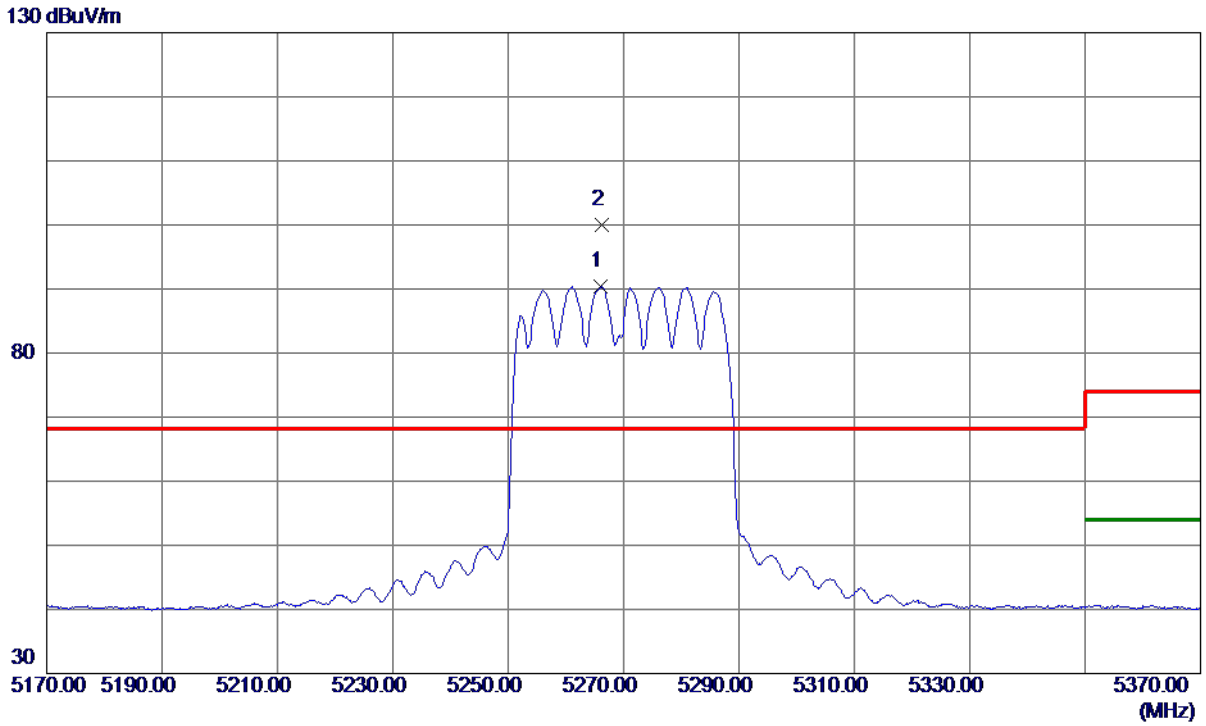


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10535.7650	33.61	15.37	48.98	68.30	-19.32	Peak	
2 *	10542.6600	20.67	15.37	36.04	54.00	-17.96	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5270 MHz

Horizontal

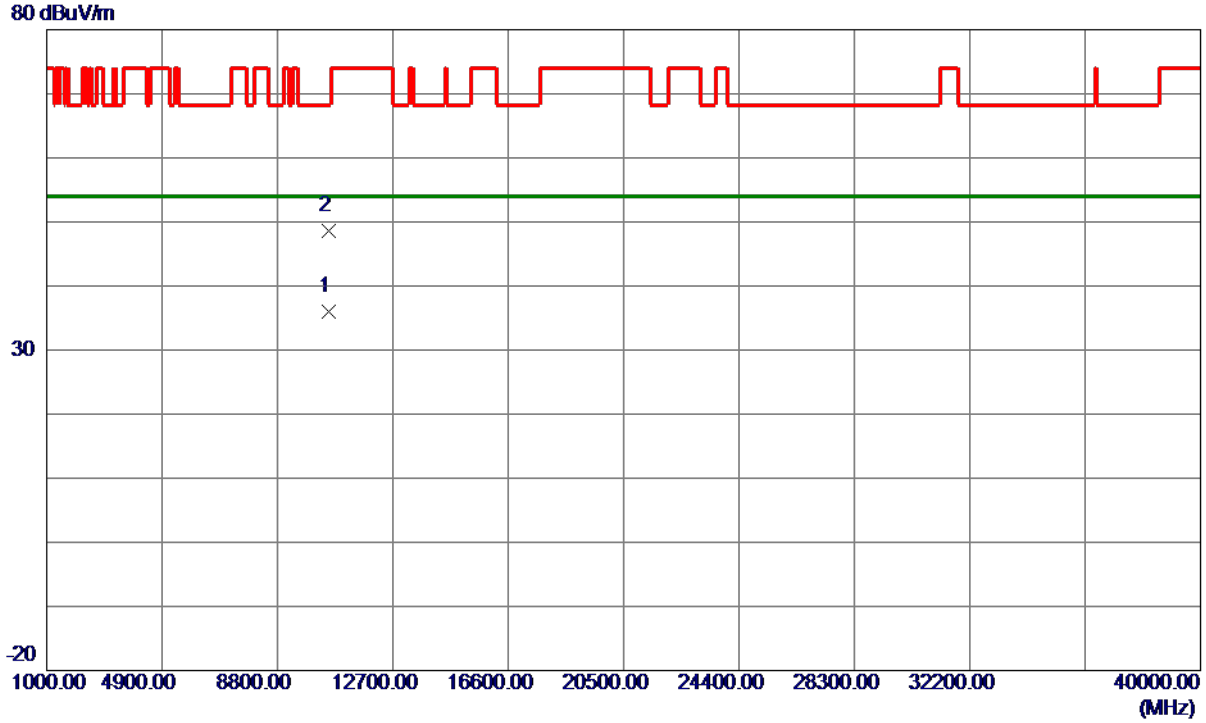


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5266.0000	72.34	18.00	90.34	999.00	-908.66	AVG	No Limit
2 *	5266.2000	82.03	18.00	100.03	68.20	31.83	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5270 MHz

Horizontal

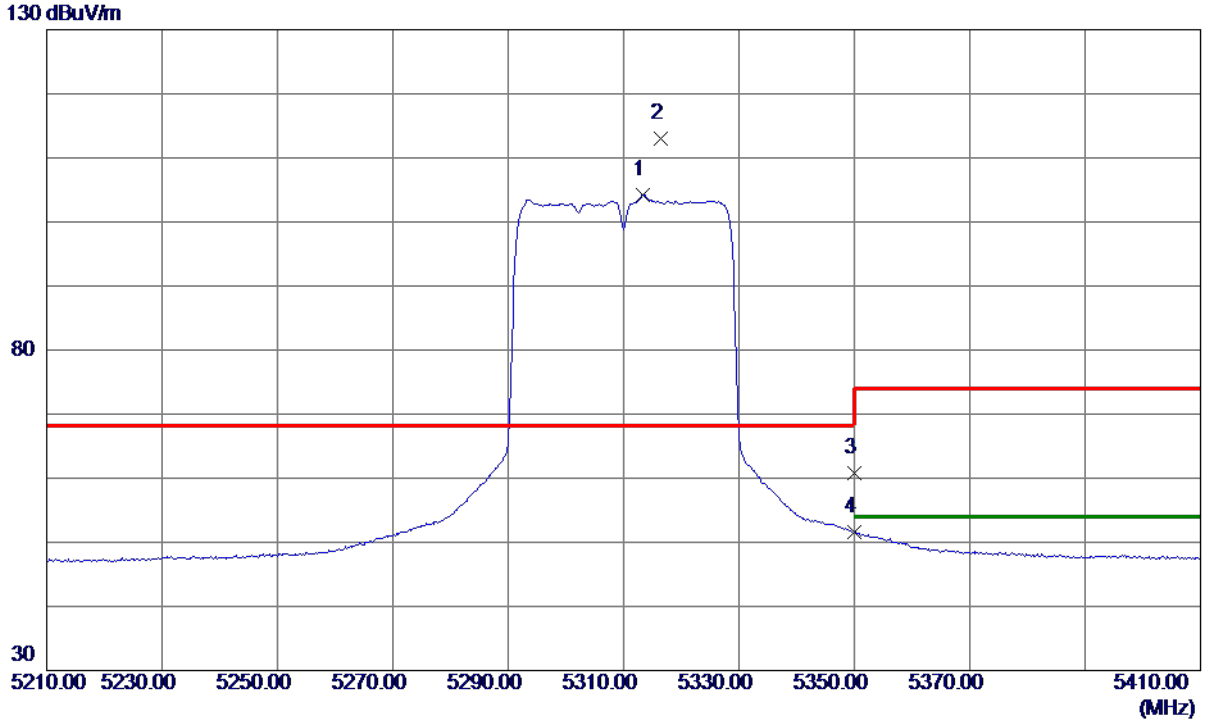


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10542.8800	20.69	15.37	36.06	54.00	-17.94	AVG	
2	10544.1650	33.29	15.37	48.66	68.30	-19.64	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5310 MHz

Vertical

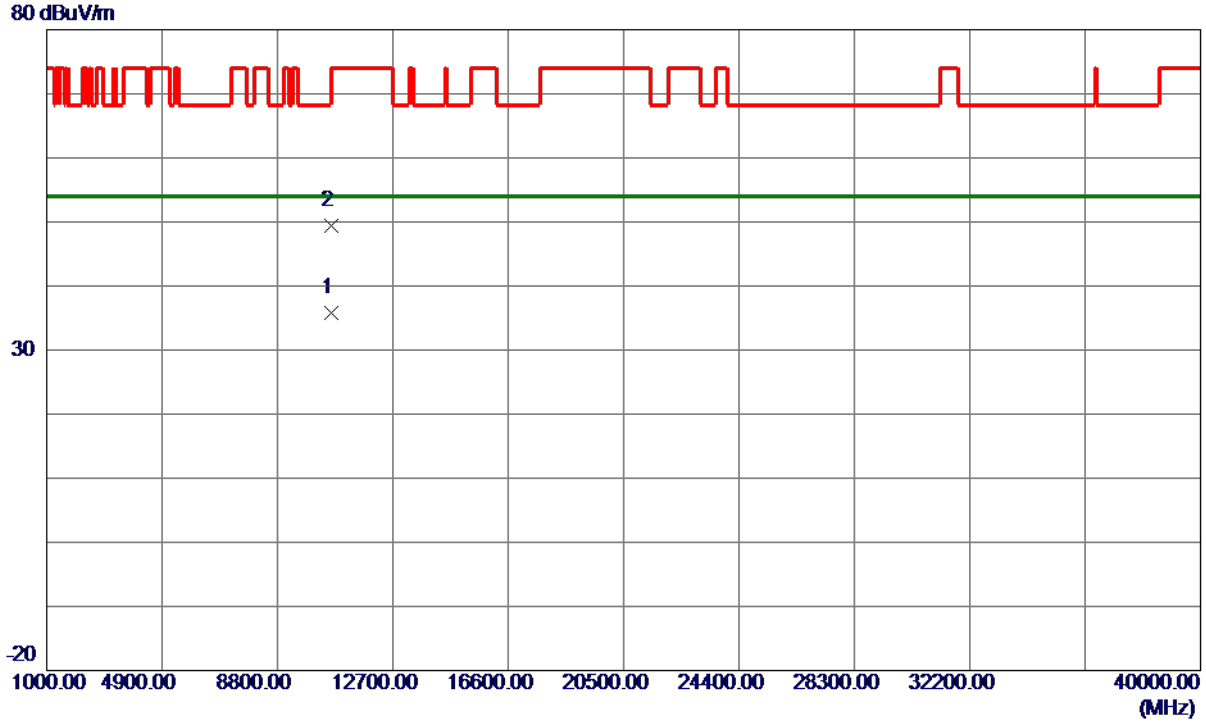


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5313.4000	84.63	19.63	104.26	999.00	-894.74	AVG	No Limit
2 *	5316.4000	93.28	19.64	112.92	68.20	44.72	Peak	No Limit
3	5350.0000	41.07	19.72	60.79	74.00	-13.21	Peak	
4	5350.0000	31.85	19.72	51.57	999.00	-947.43	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5310 MHz

Vertical

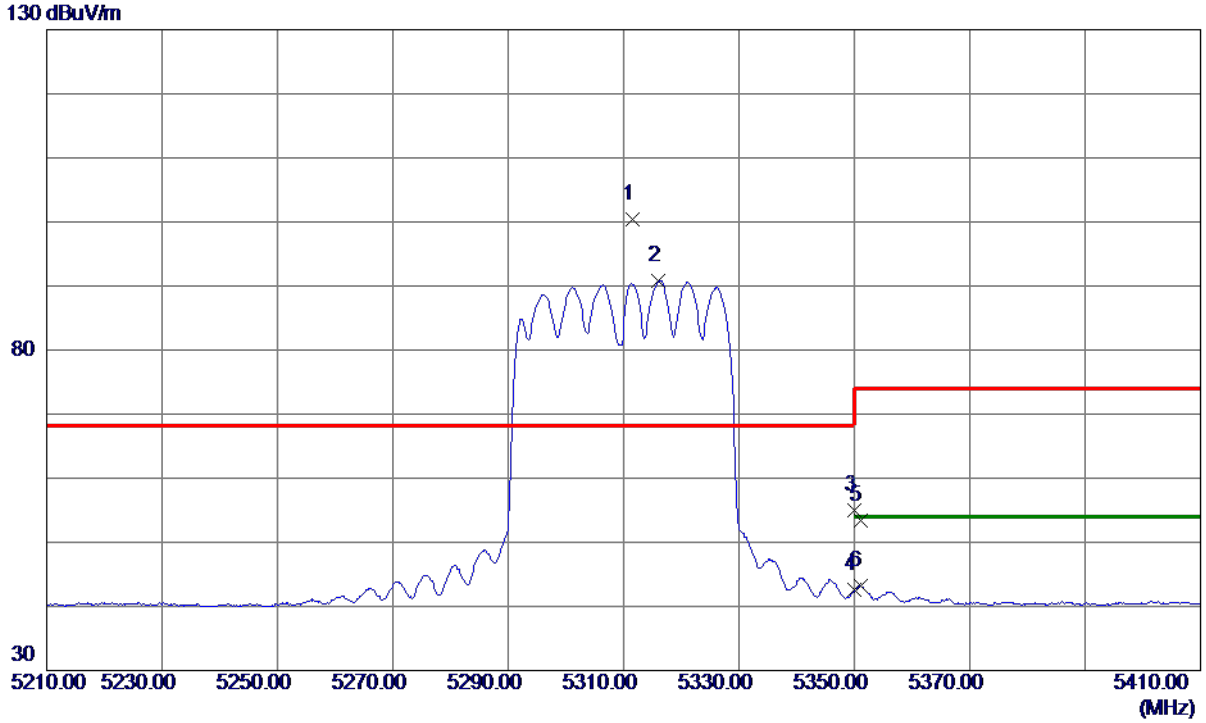


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10617.9800	20.44	15.45	35.89	54.00	-18.11	AVG	
2	10622.2750	33.98	15.45	49.43	74.00	-24.57	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5310 MHz

Horizontal

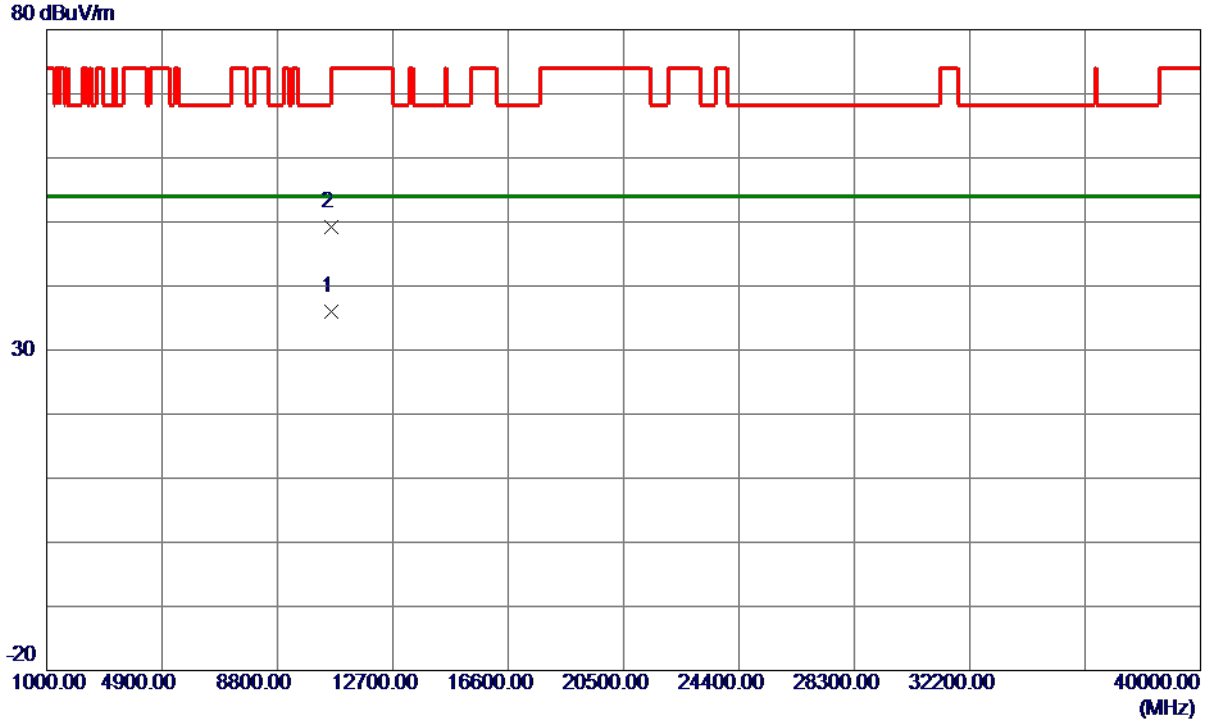


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5311.5000	82.22	18.12	100.34	68.20	32.14	Peak	No Limit
2	5316.1000	72.69	18.14	90.83	999.00	-908.17	AVG	No Limit
3	5350.0000	36.68	18.23	54.91	74.00	-19.09	Peak	
4	5350.0000	24.39	18.23	42.62	999.00	-956.38	AVG	
5	5351.0000	35.14	18.23	53.37	74.00	-20.63	Peak	
6	5351.0000	25.00	18.23	43.23	54.00	-10.77	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5310 MHz

Horizontal

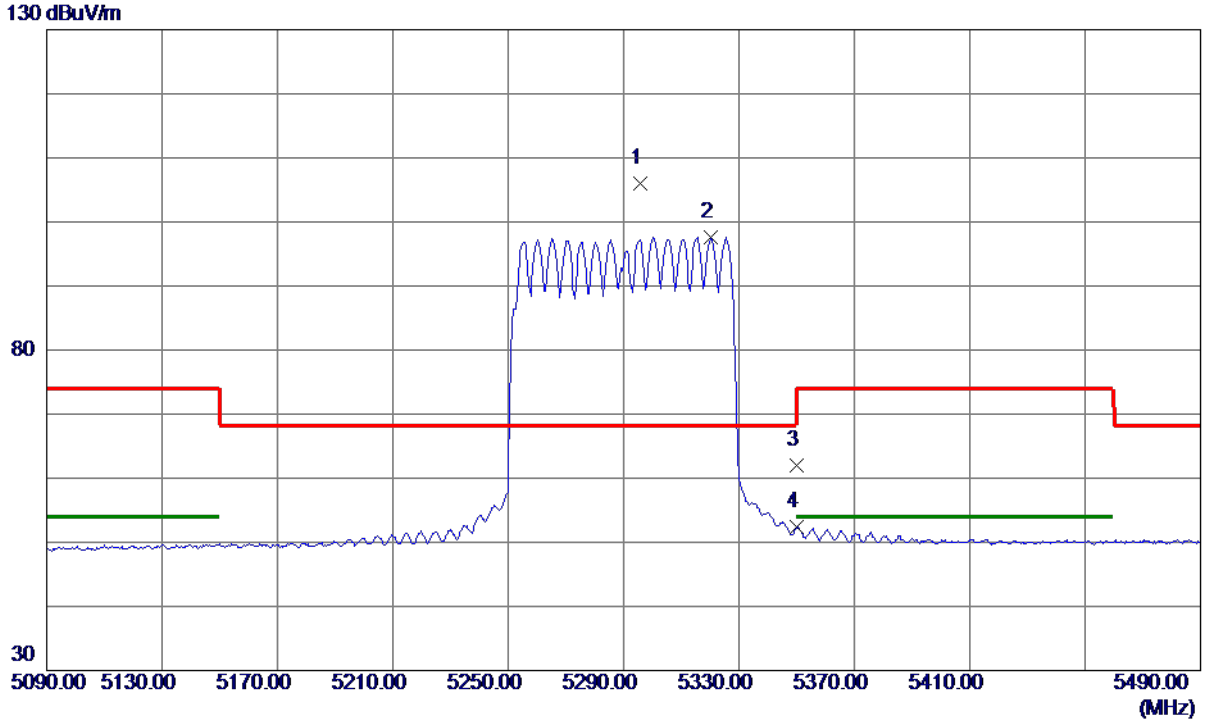


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10619.1300	20.56	15.45	36.01	54.00	-17.99	AVG	
2	10620.0350	33.77	15.45	49.22	74.00	-24.78	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT80) Mode 5290 MHz

Vertical

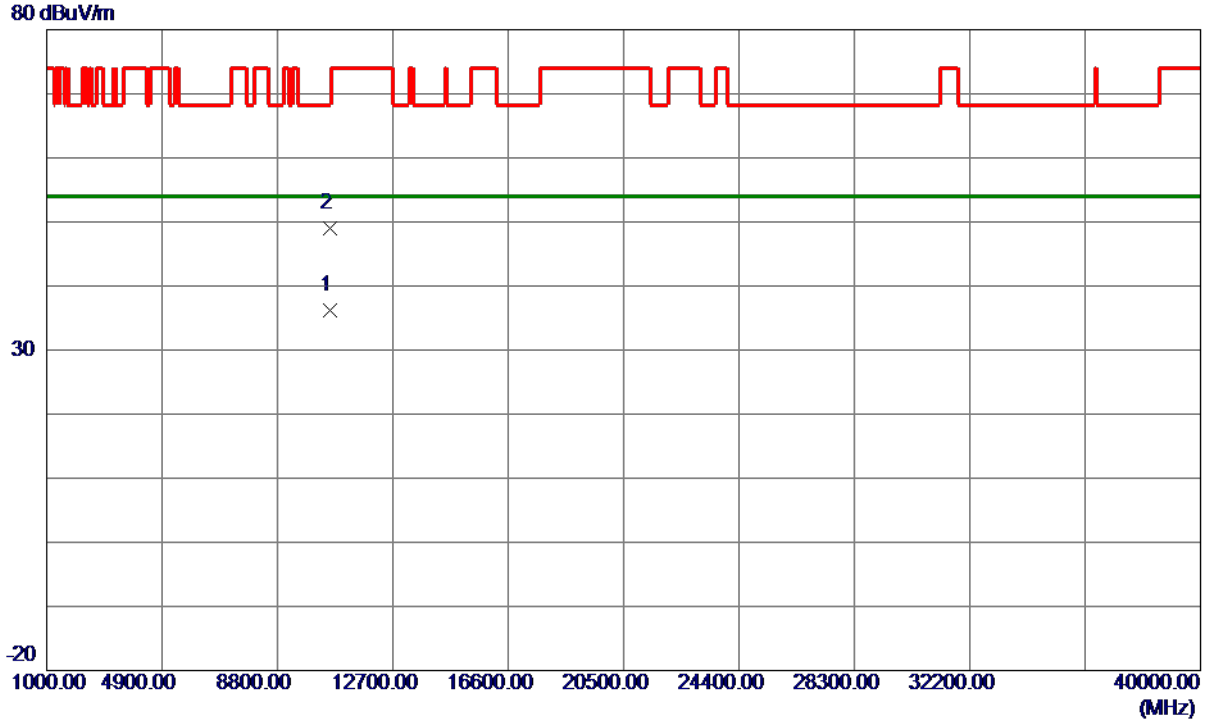


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5295.8000	86.33	19.59	105.92	68.20	37.72	Peak	No Limit
2	5320.4000	78.01	19.65	97.66	999.00	-901.34	AVG	No Limit
3	5350.0000	42.19	19.72	61.91	74.00	-12.09	Peak	
4	5350.0000	32.66	19.72	52.38	999.00	-946.62	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT80) Mode 5290 MHz

Vertical

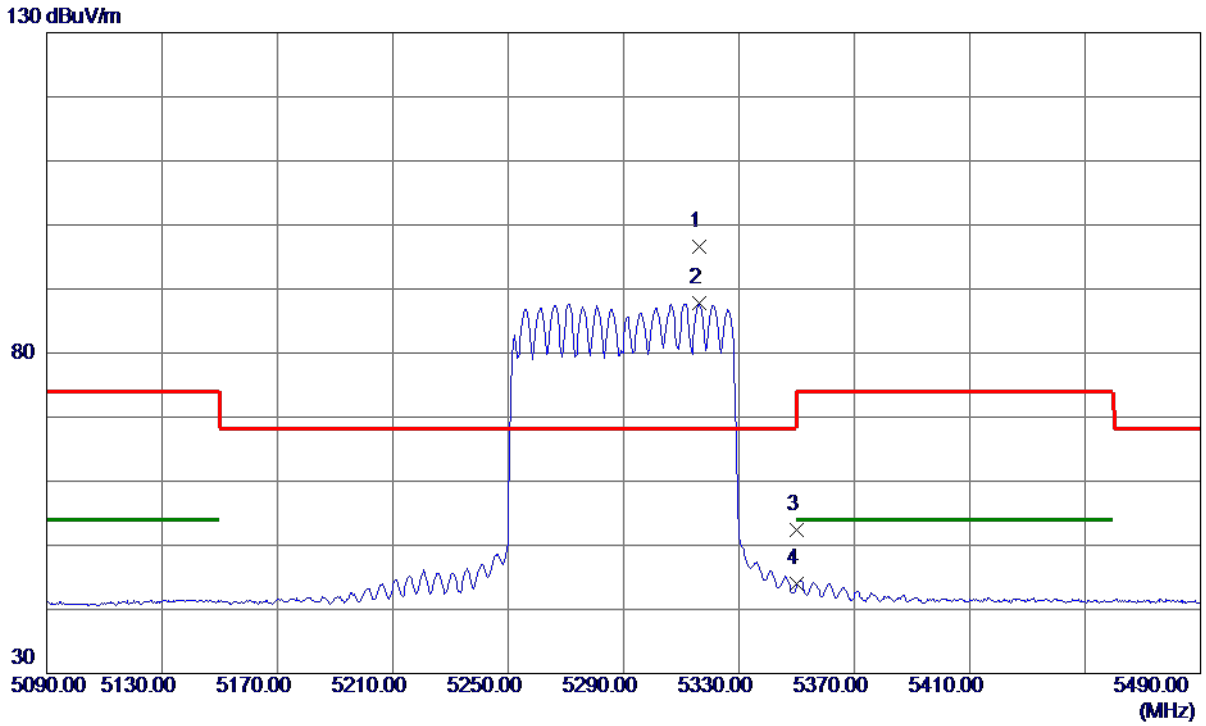


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10581.8050	20.72	15.41	36.13	54.00	-17.87	AVG	
2	10583.1400	33.55	15.41	48.96	68.30	-19.34	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT80) Mode 5290 MHz

Horizontal

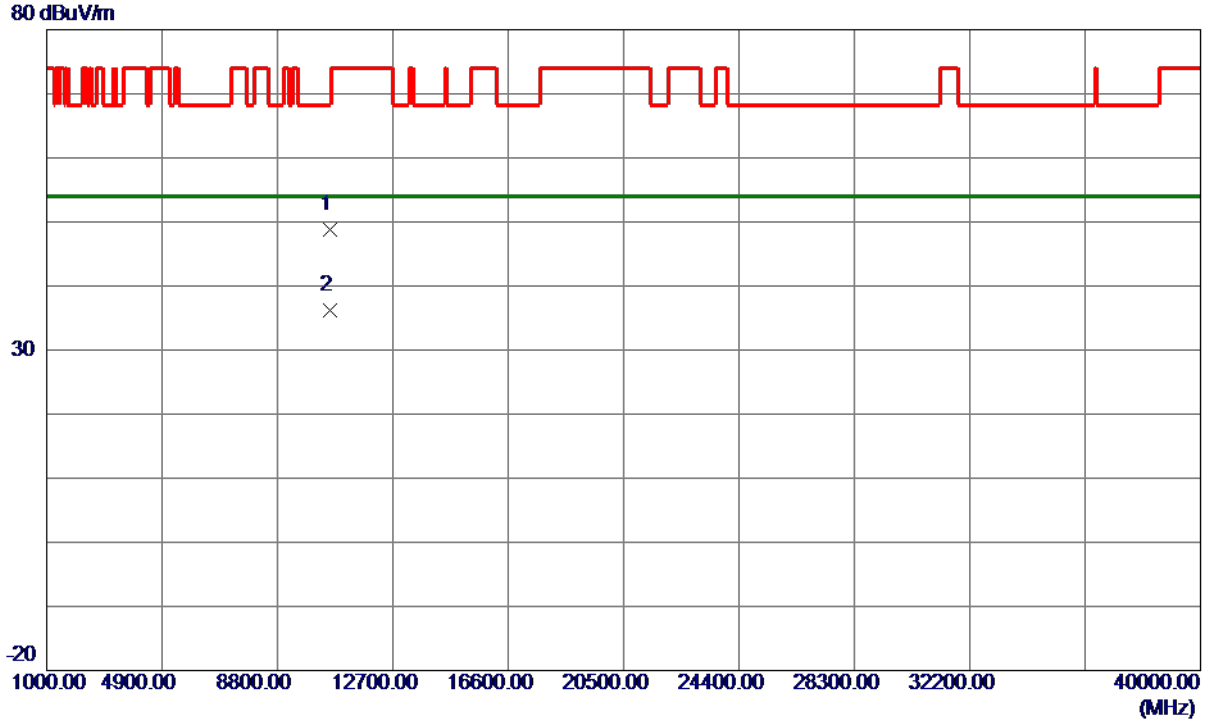


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5316.2000	78.39	18.14	96.53	68.20	28.33	Peak	No Limit
2	5316.2000	69.63	18.14	87.77	999.00	-911.23	AVG	No Limit
3	5350.0000	34.25	18.23	52.48	74.00	-21.52	Peak	
4	5350.0000	25.85	18.23	44.08	999.00	-954.92	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT80) Mode 5290 MHz

Horizontal

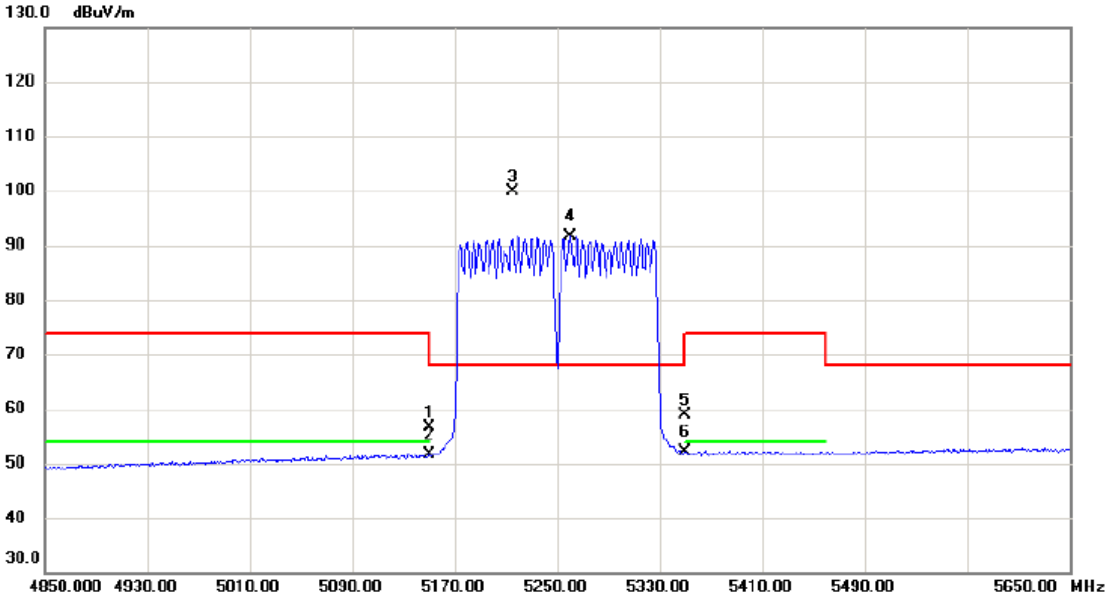


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10577.7550	33.43	15.41	48.84	68.30	-19.46	Peak	
2 *	10581.9450	20.71	15.41	36.12	54.00	-17.88	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1+UNII-2A_TX AC (VHT160) Mode 5250 MHz

Vertical

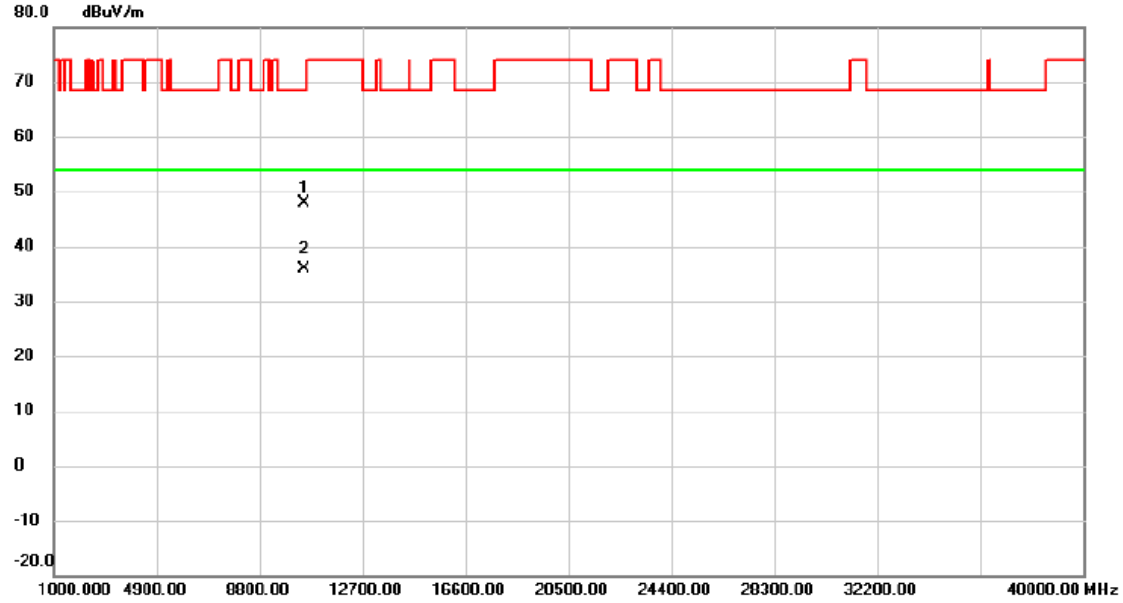


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	37.48	19.25	56.73	74.00	-17.27	peak	
2		5150.000	32.35	19.25	51.60	54.00	-2.40	AVG	
3	*	5215.200	80.49	19.40	99.89	68.20	31.69	peak	No Limit
4	X	5260.000	72.22	19.50	91.72	68.20	23.52	AVG	No Limit
5		5350.000	39.18	19.72	58.90	74.00	-15.10	peak	
6		5350.000	32.34	19.72	52.06	54.00	-1.94	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1+UNII-2A_TX AC (VHT160) Mode 5250 MHz

Vertical

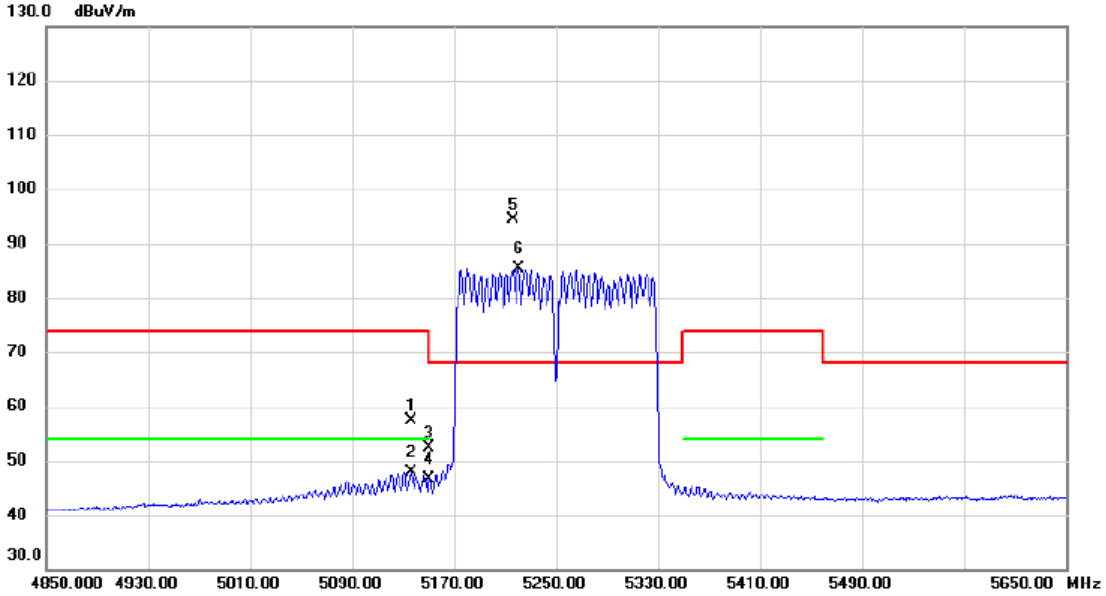


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10503.010	32.63	15.33	47.96	68.30	-20.34	peak	
2	*	10503.600	20.52	15.33	35.85	54.00	-18.15	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-1+UNII-2A_TX AC (VHT160) Mode 5250 MHz

Horizontal

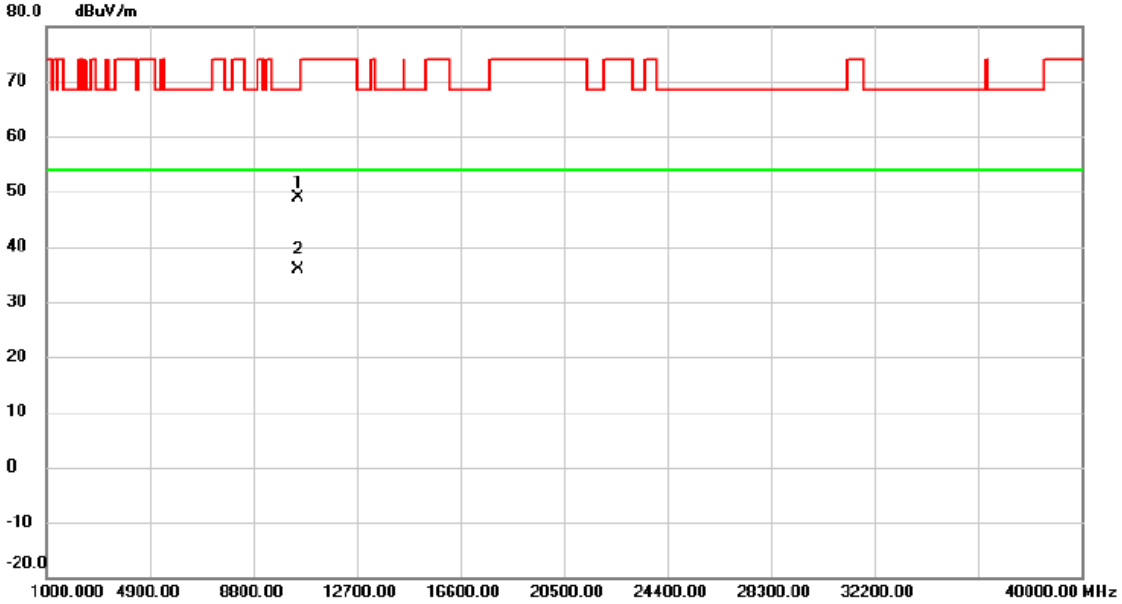


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5136.000	39.67	17.64	57.31	74.00	-16.69	peak	
2		5136.000	30.14	17.64	47.78	54.00	-6.22	AVG	
3		5150.000	34.64	17.68	52.32	74.00	-21.68	peak	
4		5150.000	29.05	17.68	46.73	54.00	-7.27	AVG	
5	*	5216.000	76.48	17.86	94.34	68.20	26.14	peak	No Limit
6	X	5220.400	67.59	17.87	85.46	68.20	17.26	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-1+UNII-2A_TX AC (VHT160) Mode 5250 MHz

Horizontal

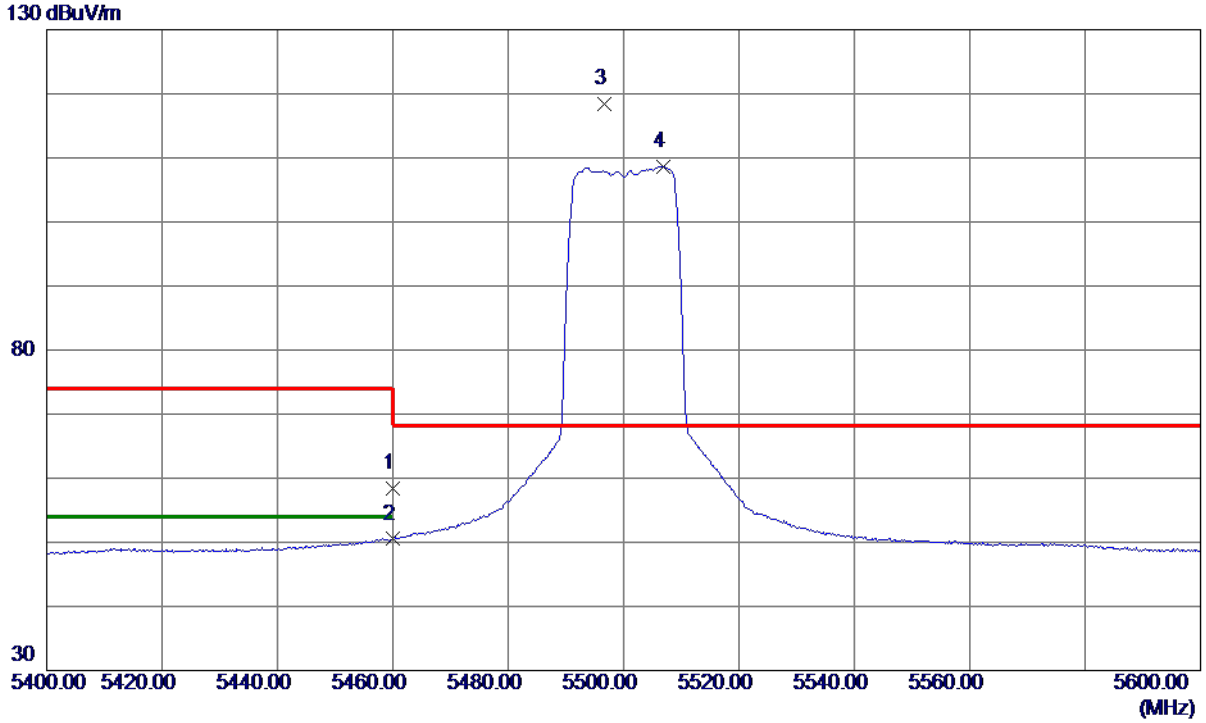


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10497.880	33.54	15.33	48.87	68.30	-19.43	peak	
2	*	10504.135	20.47	15.33	35.80	54.00	-18.20	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5500 MHz

Vertical

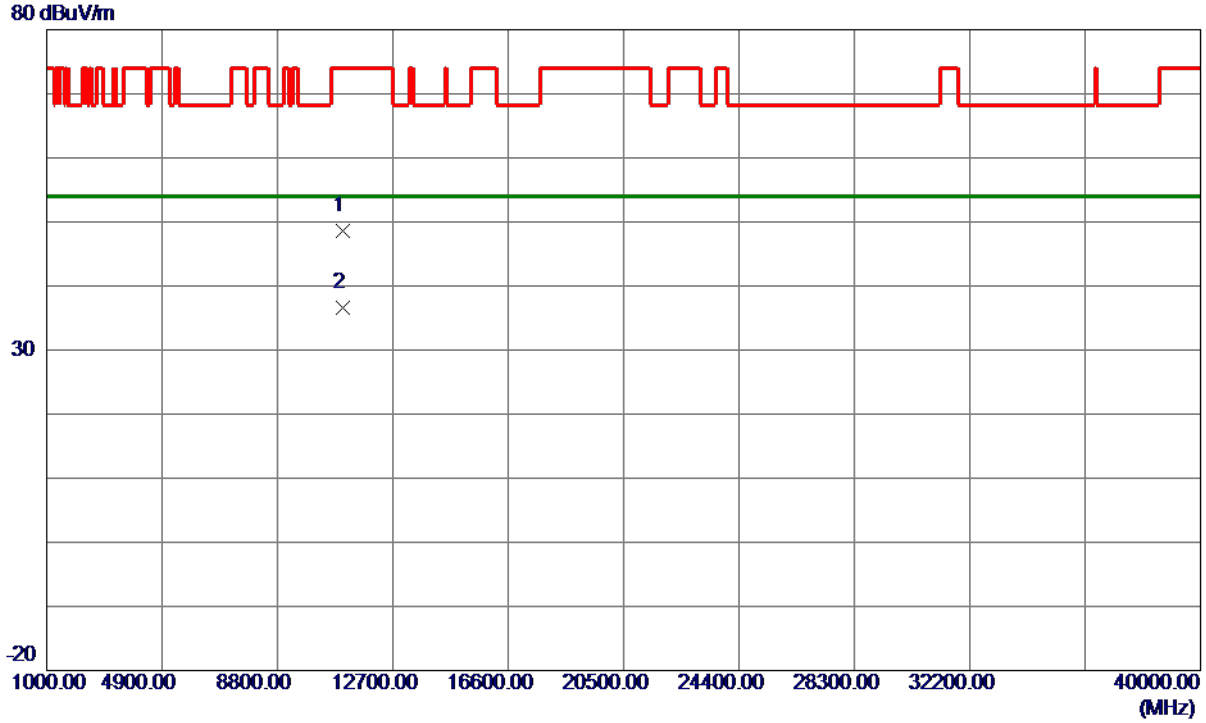


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	38.51	19.98	58.49	74.00	-15.51	Peak	
2	5460.0000	30.52	19.98	50.50	54.00	-3.50	AVG	
3 *	5496.6000	98.41	20.07	118.48	68.20	50.28	Peak	No Limit
4	5506.8000	88.54	20.10	108.64	999.00	-890.36	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5500 MHz

Vertical

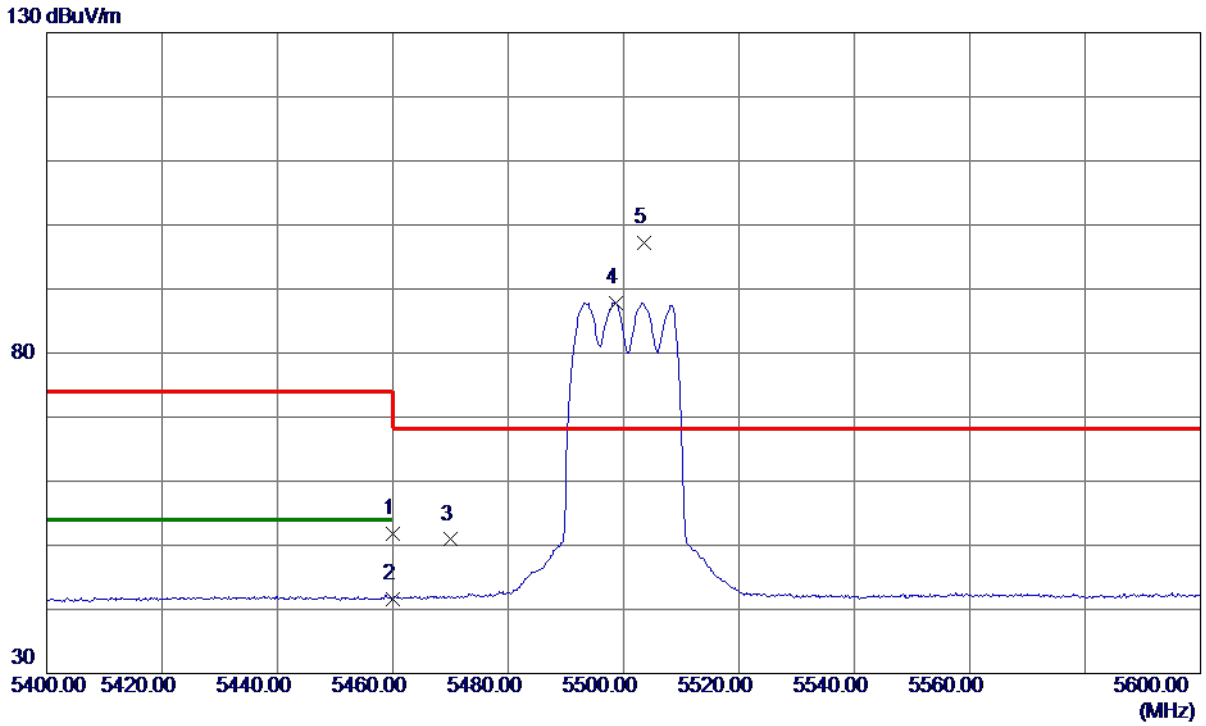


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11018.9000	32.71	15.89	48.60	74.00	-25.40	Peak	
2 *	11020.2250	20.78	15.89	36.67	54.00	-17.33	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5500 MHz

Horizontal

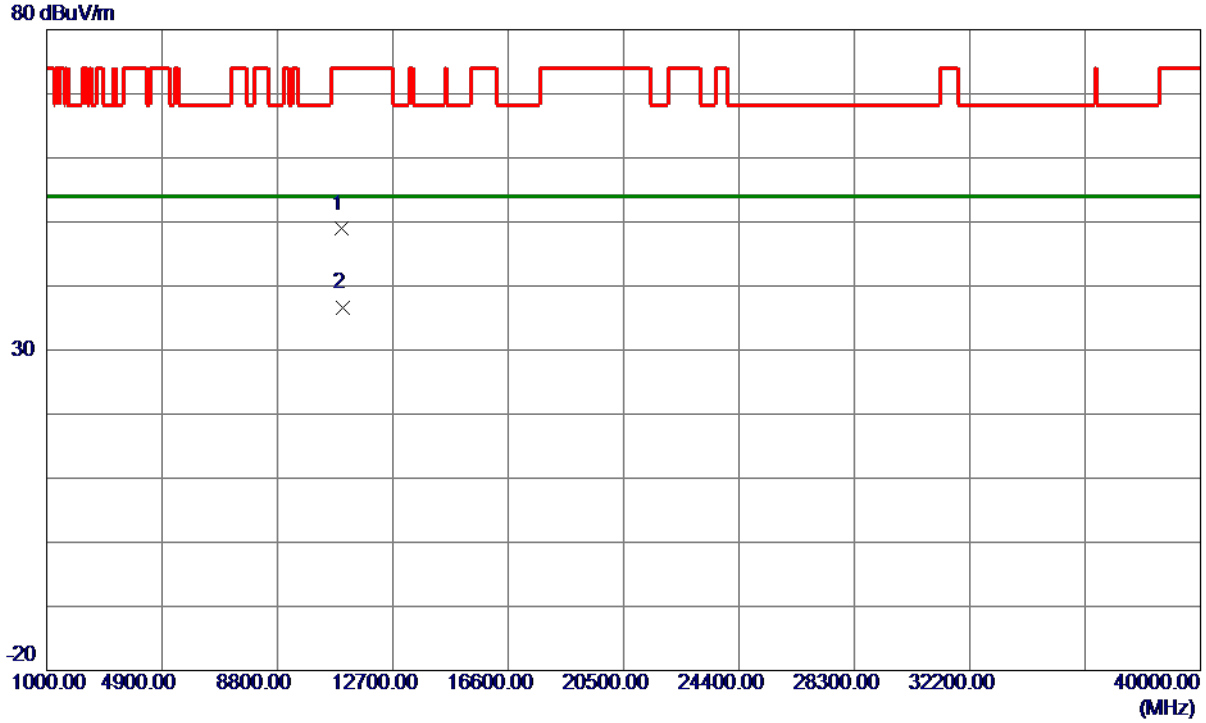


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	31.83	19.98	51.81	74.00	-22.19	Peak	
2	5460.0000	21.58	19.98	41.56	54.00	-12.44	AVG	
3	5470.0000	30.90	20.00	50.90	68.20	-17.30	Peak	
4	5498.6000	67.82	20.07	87.89	999.00	-911.11	AVG	No Limit
5 *	5503.5000	77.17	20.09	97.26	68.20	29.06	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5500 MHz

Horizontal

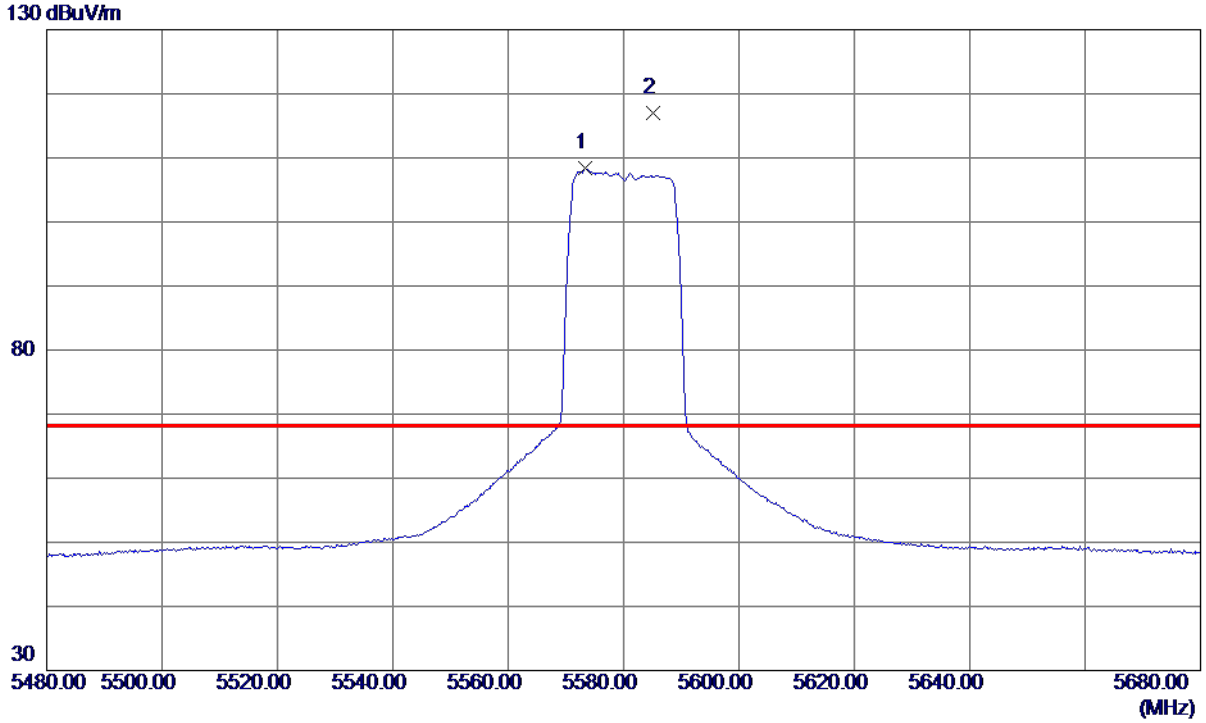


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10978.2250	33.08	15.82	48.90	74.00	-25.10	Peak	
2 *	11024.1250	20.65	15.90	36.55	54.00	-17.45	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5580 MHz

Vertical

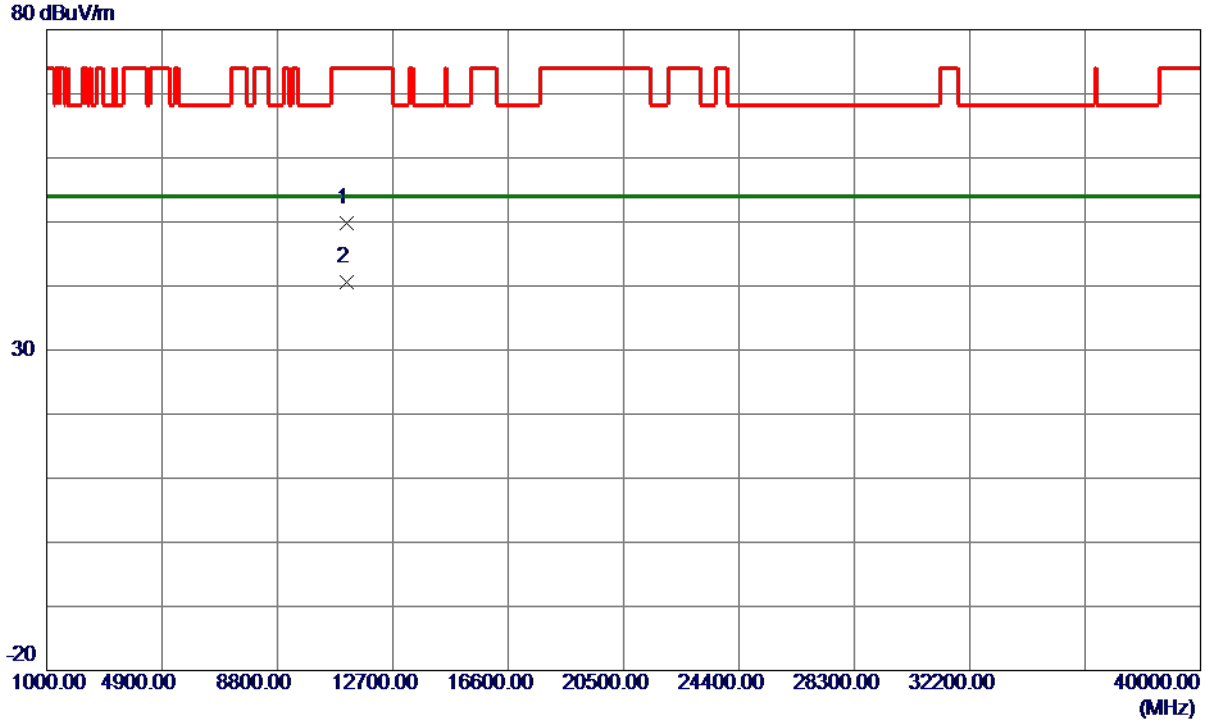


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5573.4000	88.05	20.35	108.40	999.00	-890.60	AVG	No Limit
2 *	5585.2000	96.55	20.39	116.94	68.20	48.74	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5580 MHz

Vertical

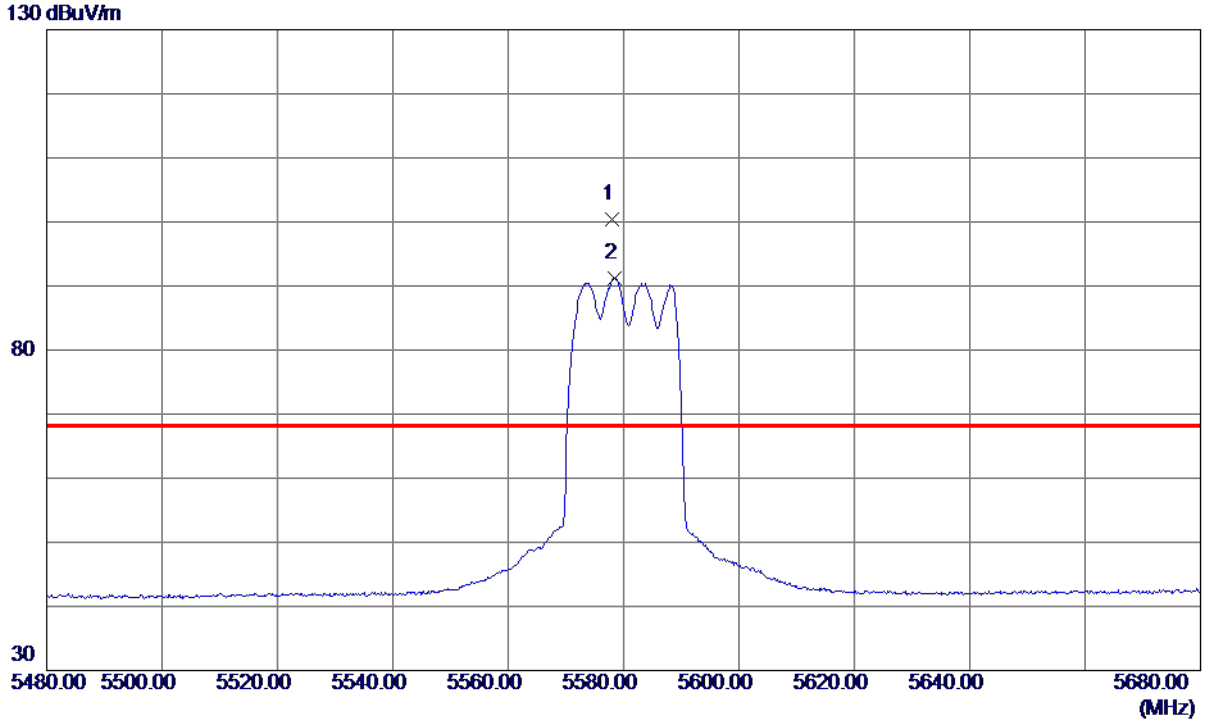


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11159.9500	33.56	16.25	49.81	74.00	-24.19	Peak	
2 *	11159.9750	24.37	16.25	40.62	54.00	-13.38	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5580 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5578.0000	79.95	20.36	100.31	68.20	32.11	Peak	No Limit
2	5578.4000	70.92	20.37	91.29	999.00	-907.71	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5580 MHz

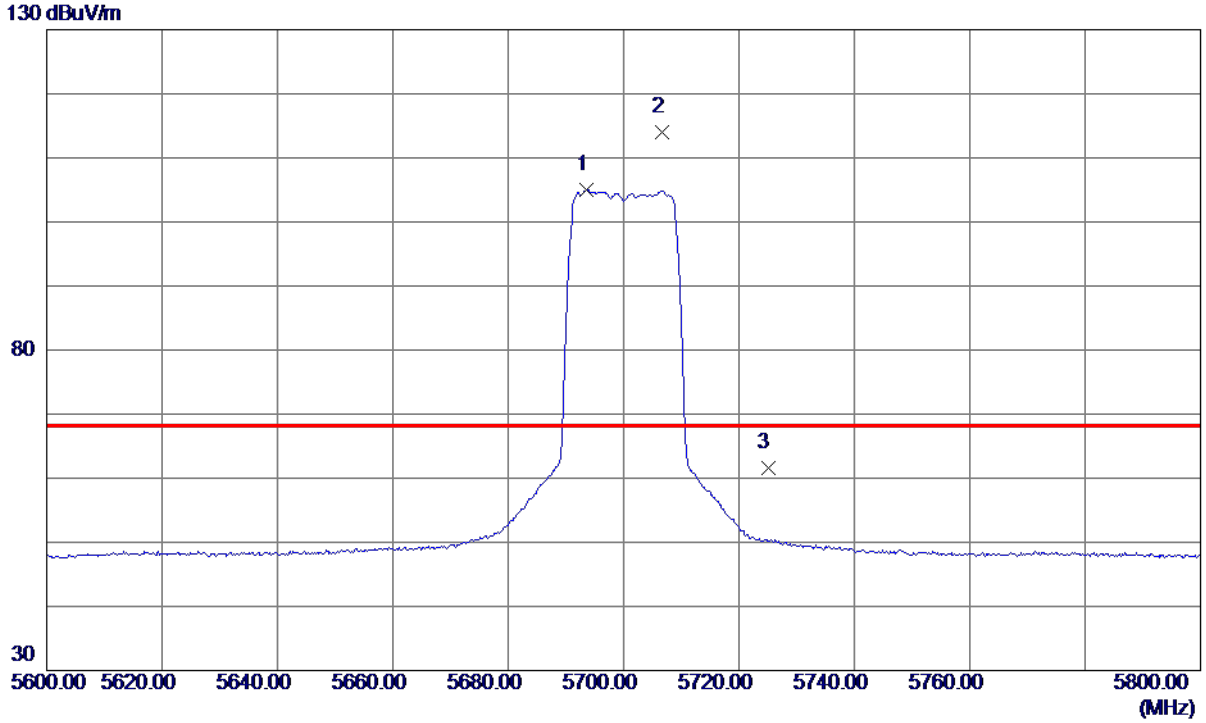
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11160.0500	24.44	16.25	40.69	54.00	-13.31	AVG	
2	11160.3500	33.76	16.25	50.01	74.00	-23.99	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5700 MHz

Vertical

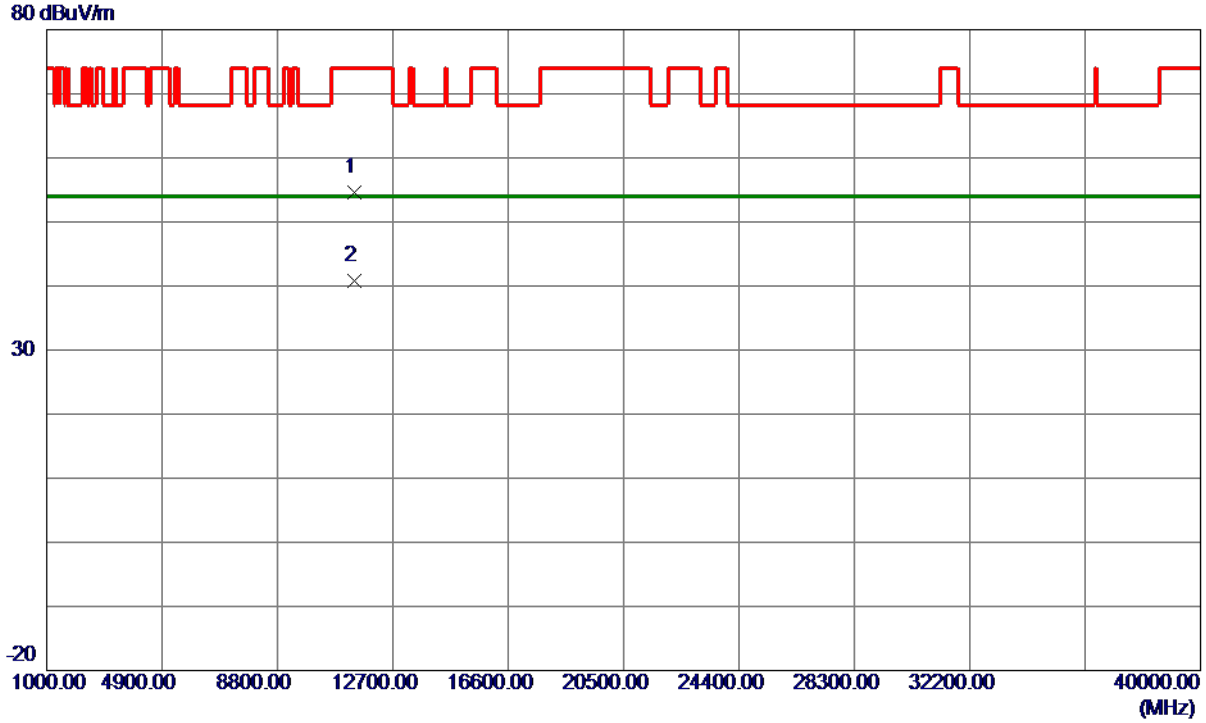


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5693.6000	84.24	20.79	105.03	999.00	-893.97	AVG	No Limit
2 *	5706.6000	93.11	20.84	113.95	68.20	45.75	Peak	No Limit
3	5725.0000	40.63	20.91	61.54	68.20	-6.66	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5700 MHz

Vertical

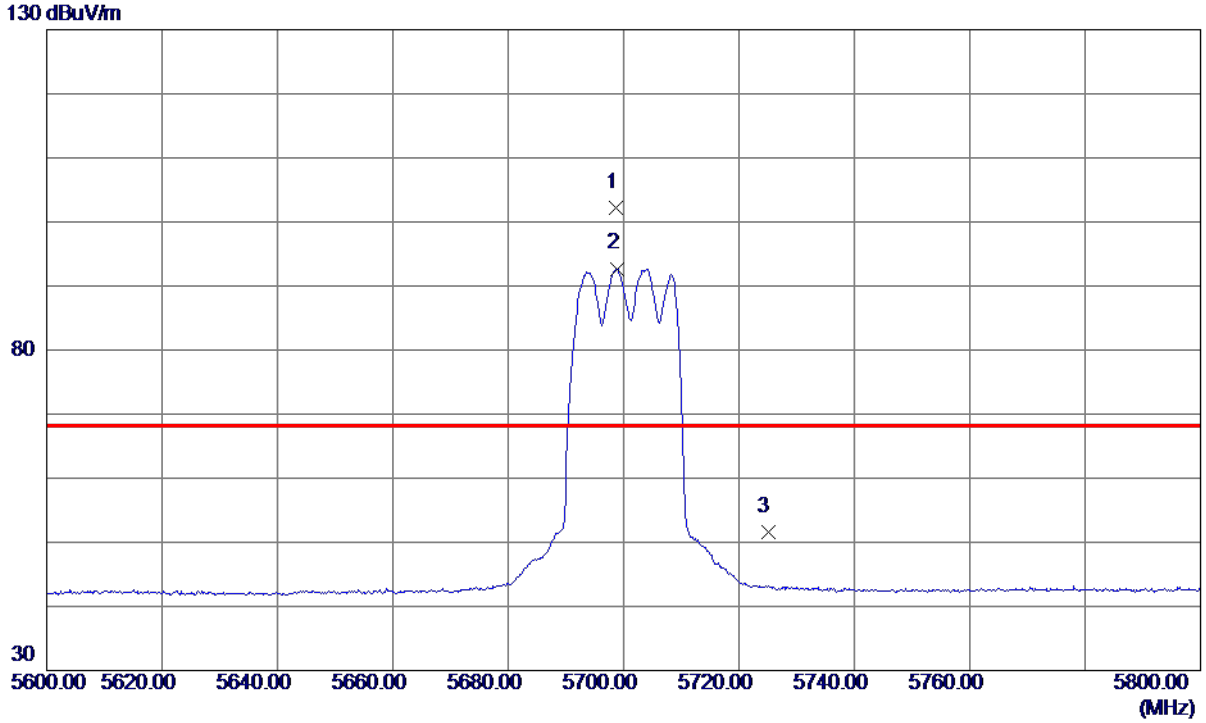


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11391.9750	37.68	16.84	54.52	74.00	-19.48	Peak	
2 *	11400.0250	24.02	16.86	40.88	54.00	-13.12	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5700 MHz

Horizontal

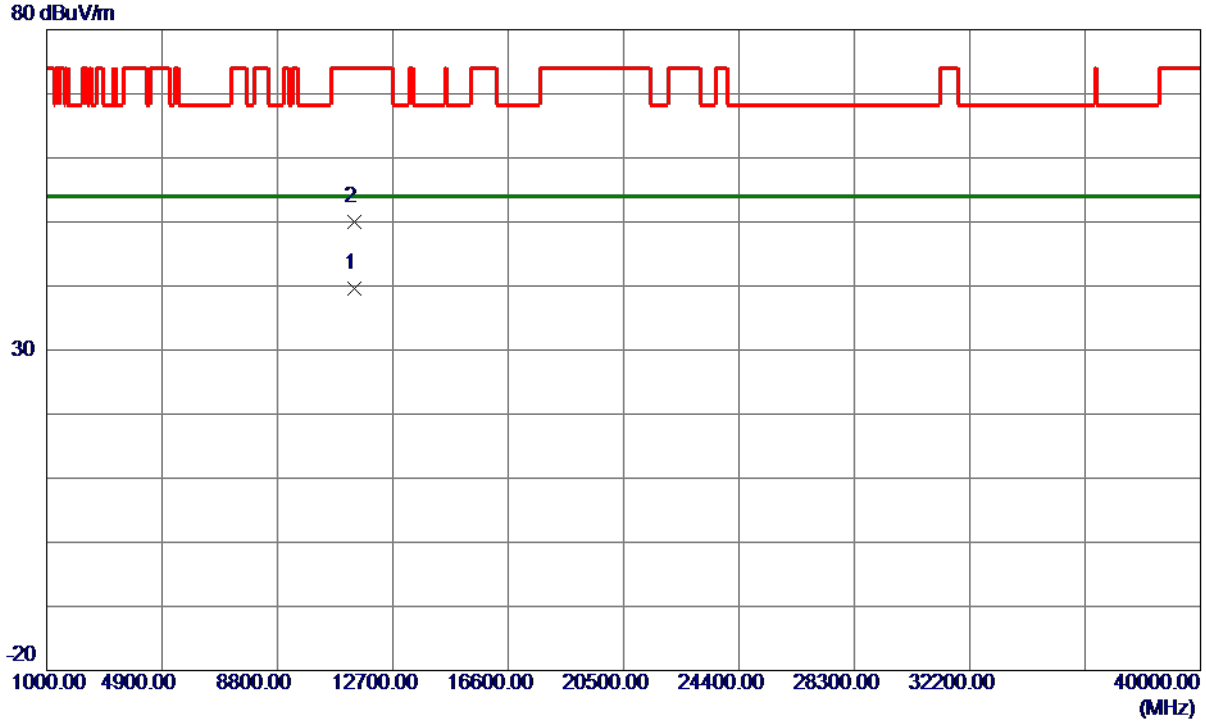


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5698.7000	81.36	20.81	102.17	68.20	33.97	Peak	No Limit
2	5698.8000	71.89	20.81	92.70	999.00	-906.30	AVG	No Limit
3	5725.0000	30.67	20.91	51.58	68.20	-16.62	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5700 MHz

Horizontal

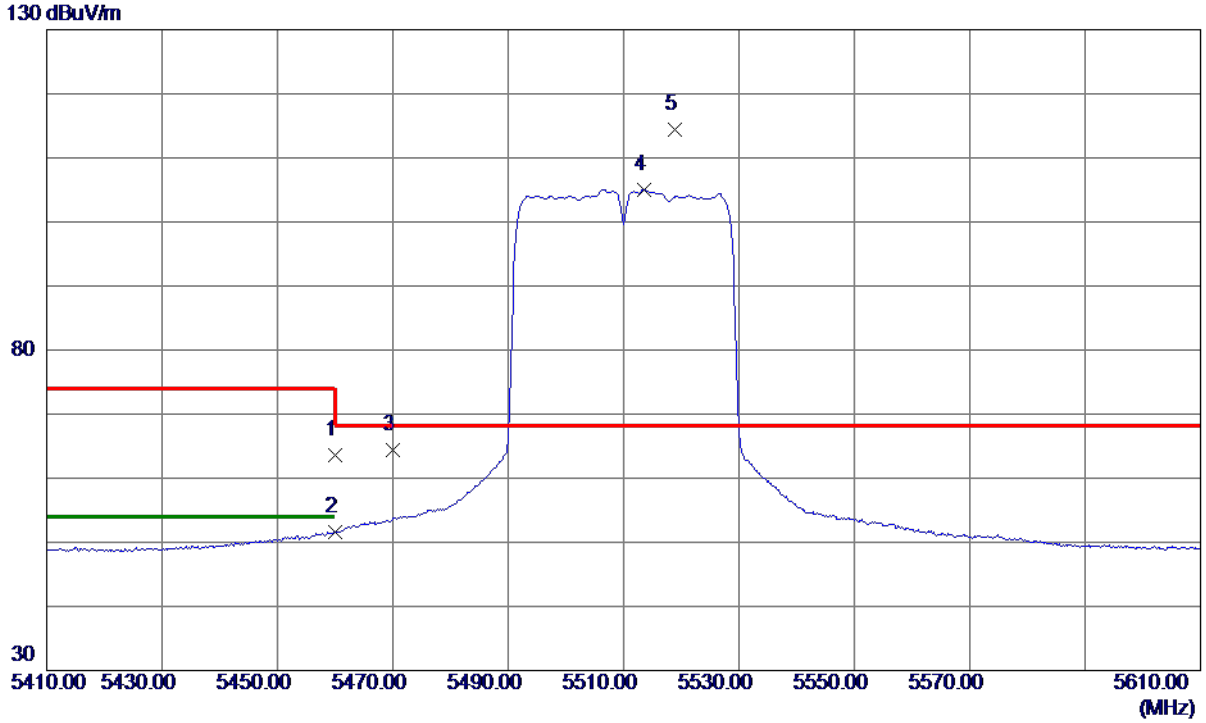


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11399.8750	22.75	16.86	39.61	54.00	-14.39	AVG	
2	11406.7000	33.03	16.88	49.91	74.00	-24.09	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5510 MHz

Vertical

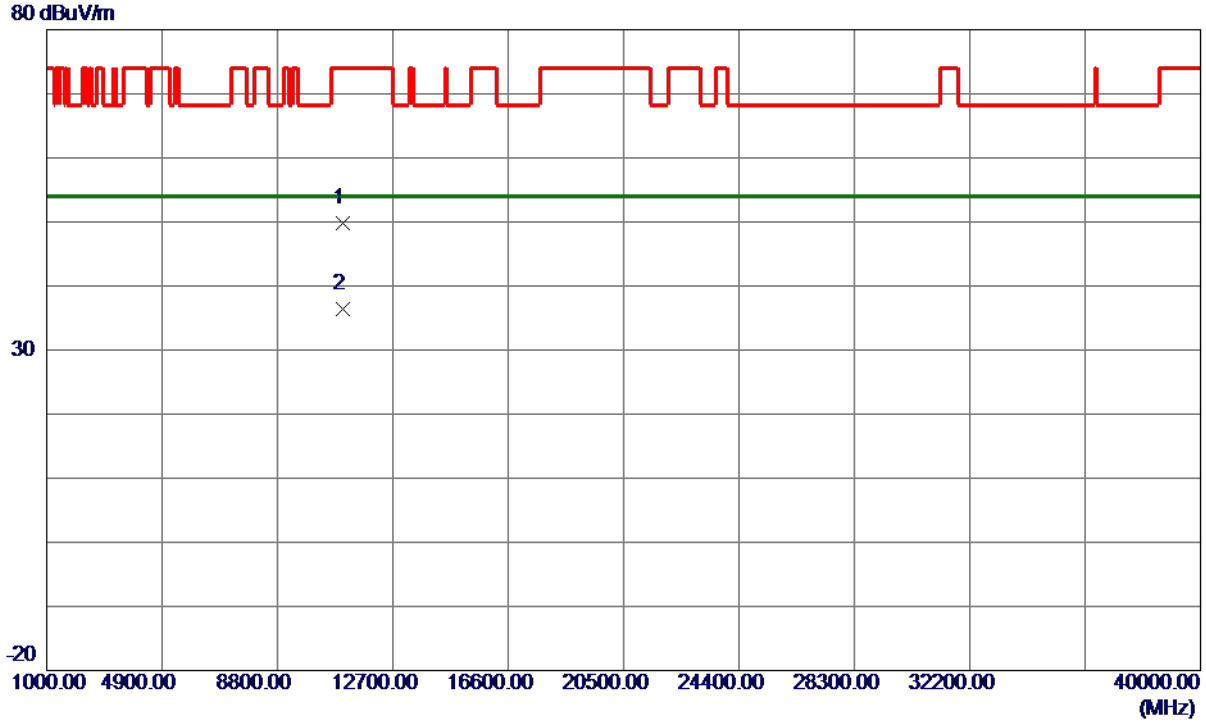


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	43.70	19.98	63.68	74.00	-10.32	Peak	
2	5460.0000	31.59	19.98	51.57	54.00	-2.43	AVG	
3	5470.0000	44.31	20.00	64.31	68.20	-3.89	Peak	
4	5513.6000	84.89	20.13	105.02	999.00	-893.98	AVG	No Limit
5 *	5518.8000	94.32	20.14	114.46	68.20	46.26	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5510 MHz

Vertical

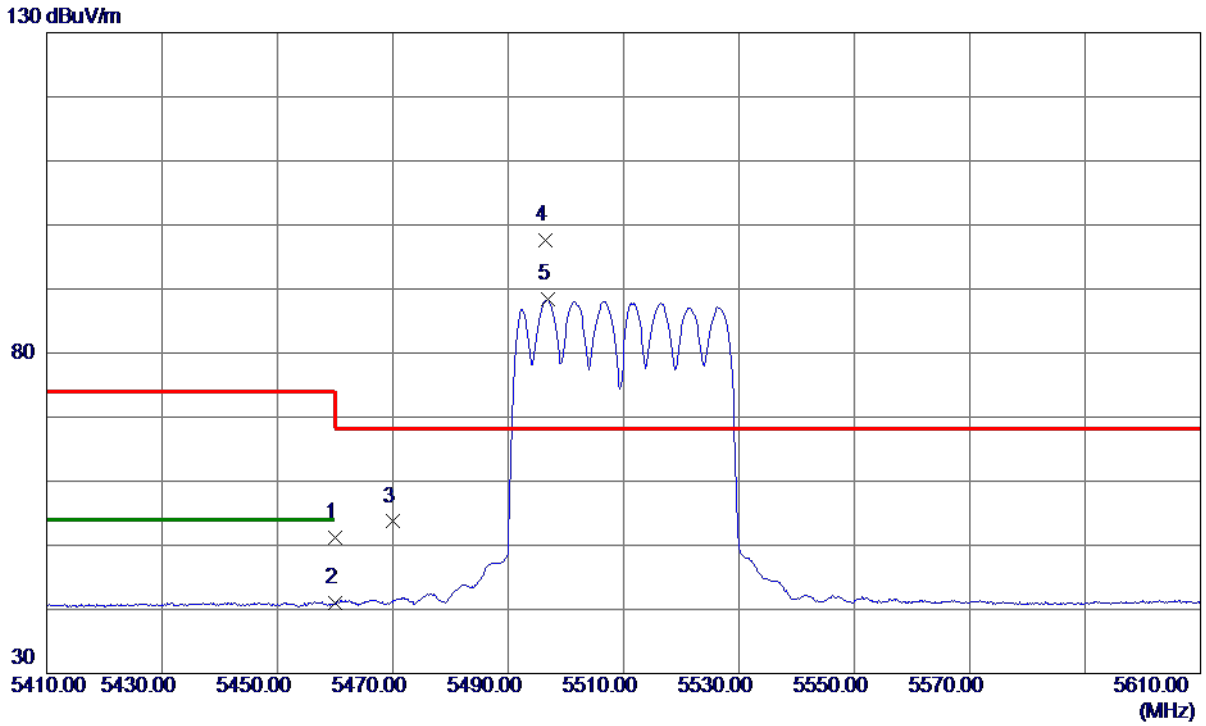


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11021.4700	33.83	15.89	49.72	74.00	-24.28	Peak	
2 *	11022.1250	20.59	15.90	36.49	54.00	-17.51	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5510 MHz

Horizontal

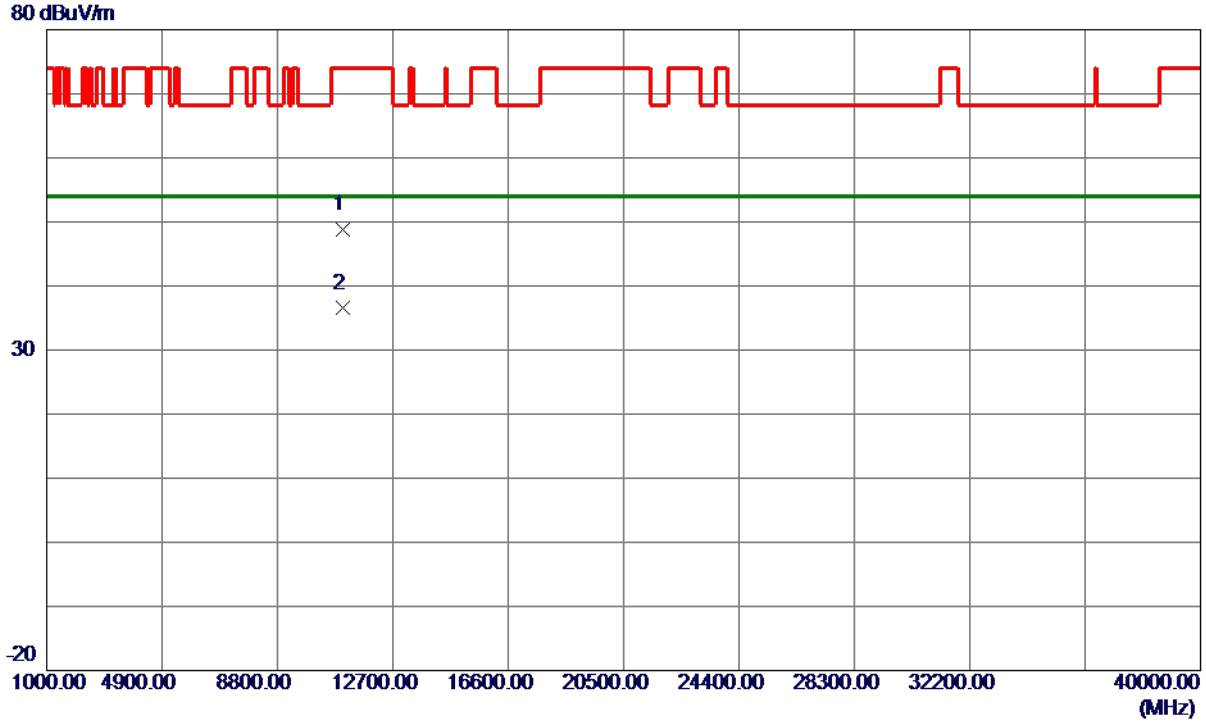


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	32.60	18.53	51.13	74.00	-22.87	Peak	
2	5460.0000	22.48	18.53	41.01	54.00	-12.99	AVG	
3	5470.0000	35.14	18.56	53.70	68.20	-14.50	Peak	
4 *	5496.4000	79.01	18.64	97.65	68.20	29.45	Peak	No Limit
5	5496.8000	69.70	18.64	88.34	999.00	-910.66	AVG	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5510 MHz

Horizontal

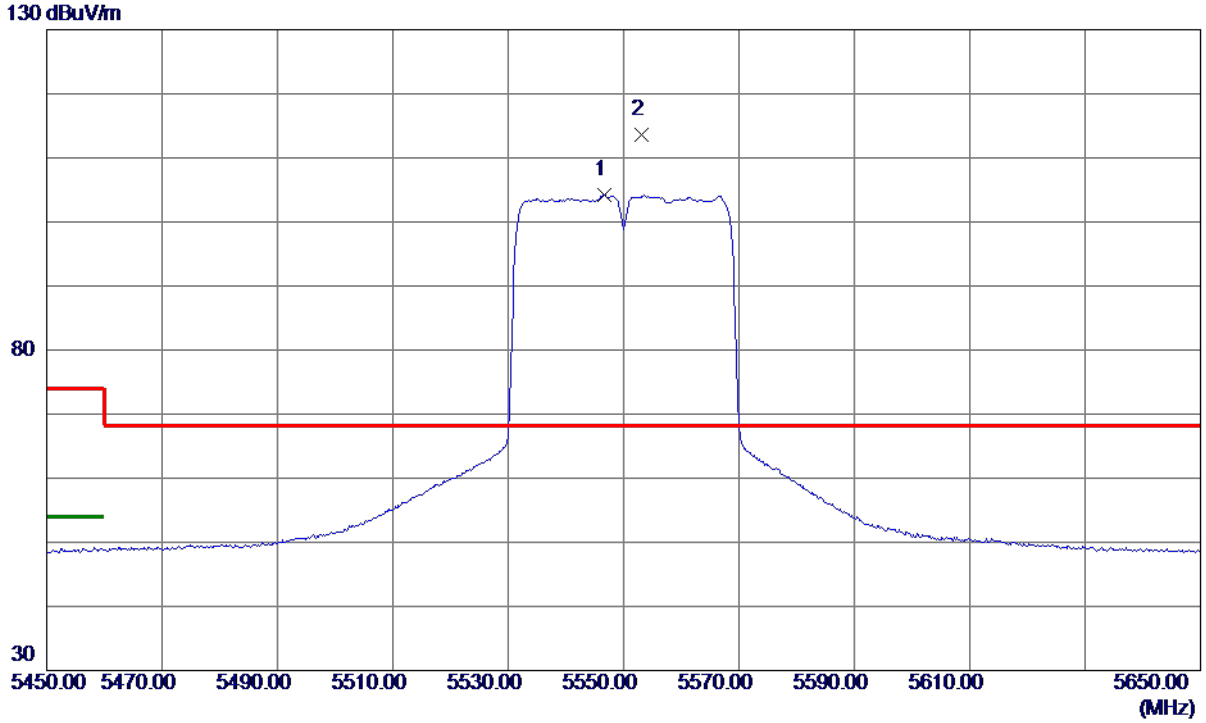


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11018.8600	32.95	15.89	48.84	74.00	-25.16	Peak	
2 *	11019.0700	20.61	15.89	36.50	54.00	-17.50	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5550 MHz

Vertical

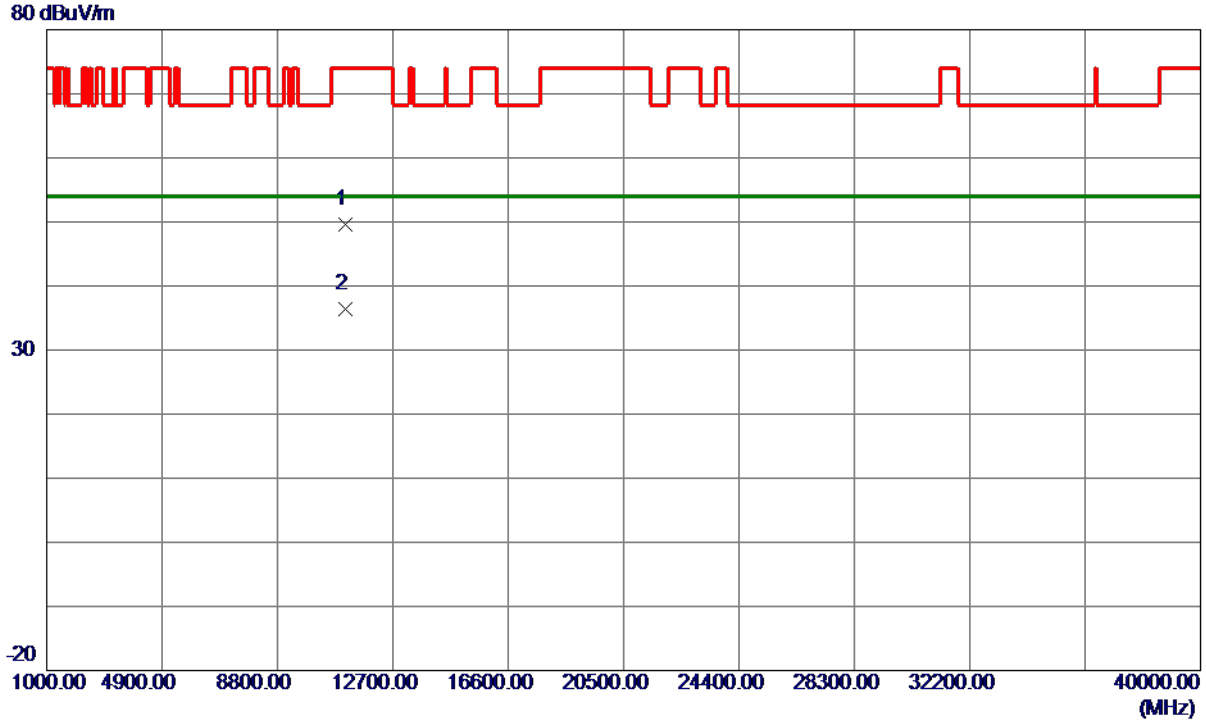


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5546.6000	83.96	20.25	104.21	999.00	-894.79	AVG	No Limit
2 *	5553.2000	93.39	20.27	113.66	68.20	45.46	Peak	No Limit

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5550 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11099.1250	33.56	16.09	49.65	74.00	-24.35	Peak	
2 *	11099.7850	20.33	16.10	36.43	54.00	-17.57	AVG	

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