FCC Radio Test Report

FCC ID: 2AV2N-SR1041Y

This report concerns: Original Grant

Project No.	:	2009C029A
Equipment	:	Wireless Router
Brand Name	:	FiberHome
Test Model	:	SR1041Y
Series Model	:	N/A
Applicant	:	Fiberhome Telecommunication Technologies Co., Ltd.
Address	:	No.88 Youkeyuan Road, Hongshan District, Wuhan, Hubei , China
Manufacturer	:	Fiberhome Telecommunication Technologies Co., Ltd.
Address	:	No.88 Youkeyuan Road, Hongshan District, Wuhan, Hubei , China
Factory	:	Fiberhome Telecommunication Technologies Co., Ltd.
Address	:	No.88 Youkeyuan Road, Hongshan District, Wuhan, Hubei , China
Date of Receipt	:	Sep. 18, 2020
Date of Test	:	Sep. 21, 2020 ~ Nov. 07, 2020
Issued Date	:	Dec. 02, 2020
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG2020091428 for conducted, DG2020091429 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.	Dec. 02, 2020

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 Item	Uncertainty
Spectrum Bandwidth	±3.8 %
Maximum Output Power	±0.95 dB
Power Spectral Density	±0.86 dB
Frequency Stability	±0.16 dB
Temperature	±0.08 °C
Time	±0.58 %
Supply voltages	±0.3 %

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	Kwok Guo
Radiated Emissions-9K-30MHz	25°C	60%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-30 MHz to 1GHz	26°C	52%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-Above 1000 MHz	25°C	60%	AC 120V/60Hz	Kwok Guo
Spectrum Bandwidth	23°C	52%	DC 12V	Jesse Wang
Maximum Output Power	23°C	52%	DC 12V	Jesse Wang
Power Spectral Density	23°C	52%	DC 12V	Jesse Wang
Frequency Stability	Normal & Extreme	52%	Normal & Extreme	Jesse Wang

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless Router
Brand Name	FiberHome
Test Model	SR1041Y
Series Model	N/A
Model Difference(s)	N/A
FVIN	RP0100
HVIN	SR1041Y_R1A
Power Source	DC voltage supplied from AC adapter. 1# Brand / Model: KLEC / KL-WA120150-D 2# Brand / Model: RuiDe / RD1201500-C55-153MG
Power Rating	1# I/P: 100-240V ~50/60Hz 0.7A O/P: 12.0V ⎓ 1.5A 2# 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 866.7 Mbps IEEE 802.11ax: up to 1201 Mbps
Maximum Output Power _UNII-1	IEEE 802.11a: 12.73 dBm (0.0187 W) IEEE 802.11n (HT20): 13.94 dBm (0.0248 W) IEEE 802.11n (HT40): 13.18 dBm (0.0208 W) IEEE 802.11ac (VHT20): 13.98 dBm (0.0250 W) IEEE 802.11ac (VHT40): 13.32 dBm (0.0215 W) IEEE 802.11ac (VHT80): 16.09 dBm (0.0406 W) IEEE 802.11ax (HE20): 14.39 dBm (0.0275 W) IEEE 802.11ax (HE40): 14.87 dBm (0.0307 W) IEEE 802.11ax (HE80): 17.54 dBm (0.0568 W)
Maximum Output Power _UNII-2A	IEEE 802.11a: 9.44 dBm (0.0088 W) IEEE 802.11n (HT20): 13.75 dBm (0.0237 W) IEEE 802.11n (HT40): 14.49 dBm (0.0281 W) IEEE 802.11ac (VHT20): 13.81 dBm (0.0240 W) IEEE 802.11ac (VHT40): 14.57 dBm (0.0286 W) IEEE 802.11ac (VHT80): 15.39 dBm (0.0346 W) IEEE 802.11ax (HE20): 12.47 dBm (0.0177 W) IEEE 802.11ax (HE40): 14.80 dBm (0.0302 W) IEEE 802.11ax (HE80): 16.34 dBm (0.0431 W)
Maximum Output Power _UNII-2C	IEEE 802.11a: 12.22 dBm (0.0167 W) IEEE 802.11n (HT20): 14.49 dBm (0.0281 W) IEEE 802.11n (HT40): 15.93 dBm (0.0392 W) IEEE 802.11ac (VHT20): 14.51 dBm (0.0282 W) IEEE 802.11ac (VHT40): 16.00 dBm (0.0398 W) IEEE 802.11ac (VHT80): 16.01 dBm (0.0399 W) IEEE 802.11ax (HE20): 15.38 dBm (0.0345 W) IEEE 802.11ax (HE40): 17.02 dBm (0.0504 W) IEEE 802.11ax (HE80): 17.03 dBm (0.0505 W)

Maximum Output Power _UNII-3	IEEE 802.11a: 13.34 dBm (0.0216 W) IEEE 802.11n (HT20): 15.11 dBm (0.0324 W) IEEE 802.11n (HT40): 16.06 dBm (0.0404 W) IEEE 802.11ac (VHT20): 15.14 dBm (0.0327 W) IEEE 802.11ac (VHT40): 16.20 dBm (0.0417 W) IEEE 802.11ac (VHT80): 17.59 dBm (0.0574 W) IEEE 802.11ax (HE20): 15.58 dBm (0.0361 W) IEEE 802.11ax (HE40): 17.11 dBm (0.0514 W) IEEE 802.11ax (HE80): 19.16 dBm (0.0824 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				

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

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

4. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	XDJ	XD2C-B110W5D-01C	Dipole	N/A	5.08
2	XDJ	XD2C-B228W5D-01C	Dipole	N/A	5.03

Note:
This EUT supports CDD, and all antenna gains are not equal, so Directional gain=10log[$(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2$/N]dBi, that is Directional gain=10log[$(10^{5.08/20}+10^{5.03/20})^2$/2]dBi =8.07. So, the UNII-1, UNII-3 output power limit is 30-(8.07-6)=27.93, the UNII-2A, UNII-2C output power limit is 24-(8.07-6)=21.93. The UNII-1 power spectral density limit is 17-(8.07-6)=14.93, the UNII-2A, UNII-2C power spectral density limit is 11-(8.07-6)=8.93, the UNII-3 power spectral density limit is 30-(8.07-6)=27.93.

5. Table for Antenna Configuration:

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 802.11ax(HE20)	-	V (Ant. 1+ Ant. 2)
IEEE 802.11ax(HE40)	-	V (Ant. 1+ Ant. 2)
IEEE 802.11ax(HE80)	-	V (Ant. 1+ Ant. 2)

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 A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 20	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 21	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 22	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 23	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 24	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 25	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 26	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 27	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 28	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 29	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 30	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 31	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 32	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 33	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 34	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 35	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 36	TX AX (HE80) Mode / CH155 (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 36	TX AX (HE80) Mode / CH155 (UNII-3)

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 36	TX AX (HE80) Mode / CH155 (UNII-3)

Radiated emissions test - Above 1GHz	
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 A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 22	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 23	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 24	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 25	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 26	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 27	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 28	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 31	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 32	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 33	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 34	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 35	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 36	TX AX (HE80) Mode / CH155 (UNII-3)

Maximum Output Power test	
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)
Mode 19	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 20	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 21	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 22	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 23	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 24	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 25	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 26	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 27	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 28	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 29	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 30	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 31	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 32	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 33	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 34	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 35	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 36	TX AX (HE80) Mode / CH155 (UNII-3)

Other Conducted test	
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 A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 22	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 23	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 24	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 25	TX AX (HE20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 26	TX AX (HE40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 27	TX AX (HE80) Mode / CH106, CH122 (UNII-2C)
Mode 28	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 31	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 32	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 33	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 34	TX AX (HE20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 35	TX AX (HE40) Mode / CH151,CH159 (UNII-3)
Mode 36	TX AX (HE80) Mode / CH155 (UNII-3)

Note:
(1) For radiated emission below 1 GHz test, the IEEE 802.11ax80 channel 155 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) For radiated spurious emissions below 1 GHz test, all adapters had been pre-tested and in this report only recorded the worst case.
(4) For radiated emissions, the TX WLAN 2.4G N20 Mode 2412MHz + WLAN 5G AX20 Mode 5300MHz was found the worst case of simultaneous transmission and recorded.
(5) The measurements for Output Power were tested, the worst case were IEEE 802.11a mode, IEEE 802.11ac(VHT20) mode, IEEE 802.11ac(VHT40) mode, IEEE 802.11ac(VHT80) mode, IEEE 802.11ax(HE20) mode, IEEE 802.11ax(HE40) mode and IEEE 802.11ax(HE80) mode, only the worst case were documented for other test items.

2.3 PARAMETERS OF TEST SOFTWARE

UNII-1			
Test Software	QATOOL		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11a	10	11	11
IEEE 802.11n (HT20)	10	10.5	9
IEEE 802.11ac (VHT20)	10	10.5	9
IEEE 802.11ax (HE20)	8	8.5	9
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	9	9	
IEEE 802.11ac (VHT40)	9	9	
IEEE 802.11ax (HE40)	9	9.5	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	12		
IEEE 802.11ax (HE80)	12.5		

UNII-2A			
Test Software	QATOOL		
Test Frequency (MHz)	5260	5300	5320
IEEE 802.11a	8.5	7	7
IEEE 802.11n (HT20)	9.5	6.5	8
IEEE 802.11ac (VHT20)	9.5	6	8
IEEE 802.11ax (HE20)	7.5	7	7.5
Test Frequency (MHz)	5270	5310	
IEEE 802.11n (HT40)	11	8.5	
IEEE 802.11ac (VHT40)	10.5	8.5	
IEEE 802.11ax (HE40)	9.5	7.5	
Test Frequency (MHz)	5290		
IEEE 802.11ac (VHT80)	11.5		
IEEE 802.11ax (HE80)	11		

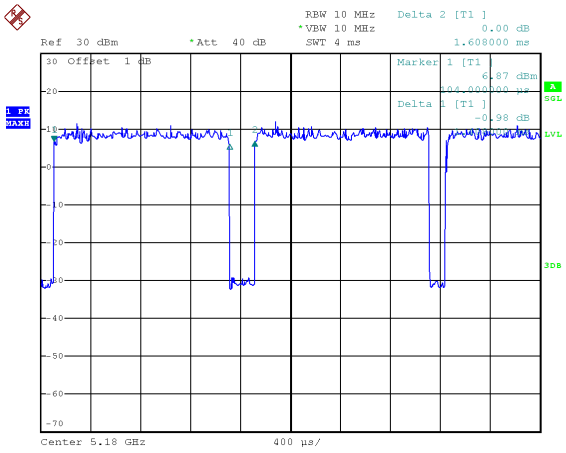
UNII-2C			
Test Software	QATOOL		
Test Frequency (MHz)	5500	5580	5700
IEEE 802.11a	5.5	7.5	10.5
IEEE 802.11n (HT20)	6.5	8	10
IEEE 802.11ac (VHT20)	6.5	8	10
IEEE 802.11ax (HE20)	5.5	7.5	10
Test Frequency (MHz)	5510	5550	5670
IEEE 802.11n (HT40)	7.5	9	11
IEEE 802.11ac (VHT40)	7.5	9	11
IEEE 802.11ax (HE40)	8	9	11
Test Frequency (MHz)	5530	5610	
IEEE 802.11ac (VHT80)	10	11.5	
IEEE 802.11ax (HE80)	10	11.5	

UNII-3			
Test Software	QATOOL		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11a	10	9.5	10
IEEE 802.11n (HT20)	10	9.5	9
IEEE 802.11ac (VHT20)	10	9.5	9
IEEE 802.11ax (HE20)	10	10	9
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	10.5	11	
IEEE 802.11ac (VHT40)	10.5	11	
IEEE 802.11ax (HE40)	11	10.5	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	13.5		
IEEE 802.11ax (HE80)	13.5		

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.

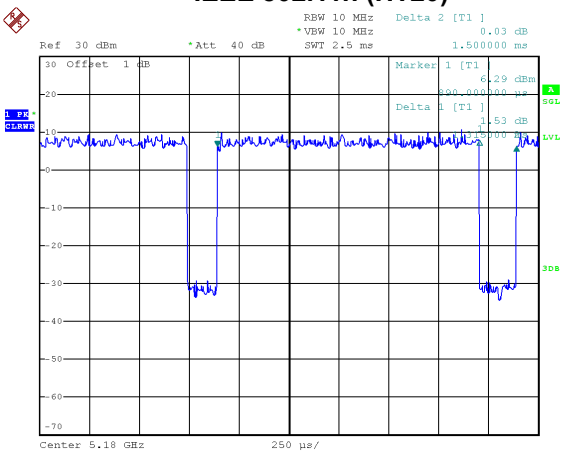
IEEE 802.11a



Date: 27.SEP.2020 16:25:39

Duty cycle = 1.408 ms / 1.608 ms = 87.56%
Duty Factor = 10 log(1 / Duty cycle) = 0.58

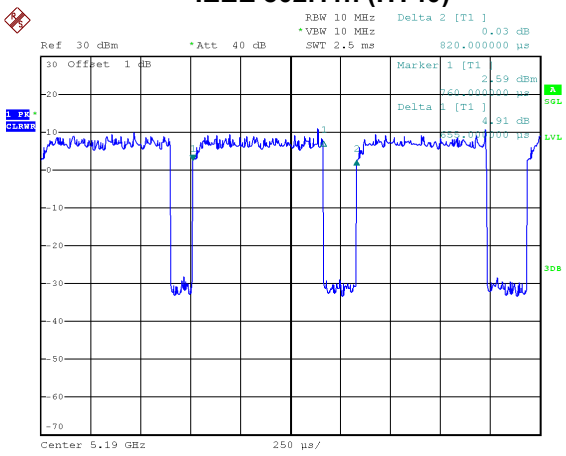
IEEE 802.11n (HT20)



Date: 27.SEP.2020 16:25:58

Duty cycle = 1.315 ms / 1.500 ms = 87.67%
Duty Factor = 10 log(1 / Duty cycle) = 0.57

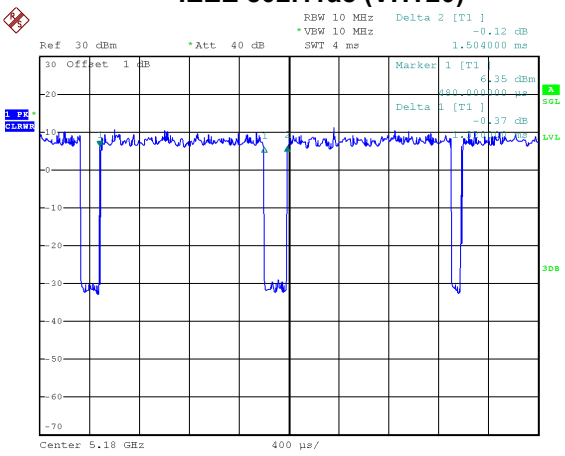
IEEE 802.11n (HT40)



Date: 27.SEP.2020 16:26:38

Duty cycle = 0.655 ms / 0.820 ms = 79.88%
Duty Factor = 10 log(1 / Duty cycle) = 0.98

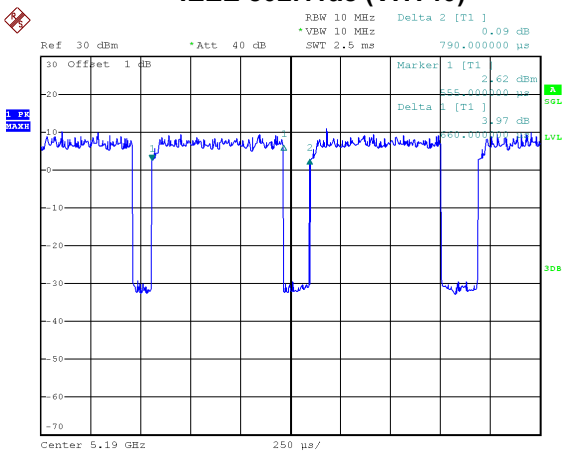
IEEE 802.11ac (VHT20)



Date: 27.SEP.2020 16:26:11

Duty cycle = 1.320 ms / 1.504 ms = 87.77%
Duty Factor = 10 log(1 / Duty cycle) = 0.57

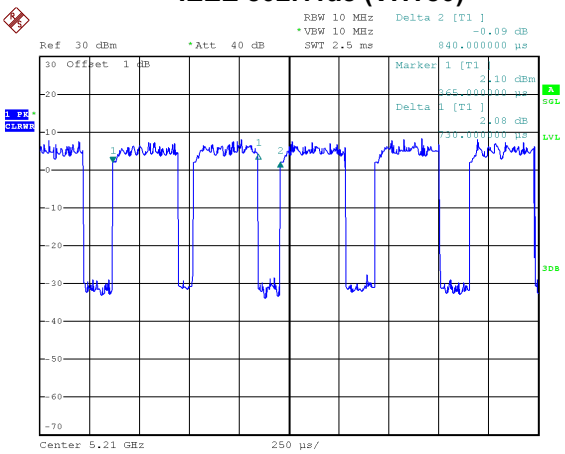
IEEE 802.11ac (VHT40)



Date: 27.SEP.2020 16:27:29

Duty cycle = 0.660 ms / 0.790 ms = 83.54%
Duty Factor = 10 log(1 / Duty cycle) = 0.78

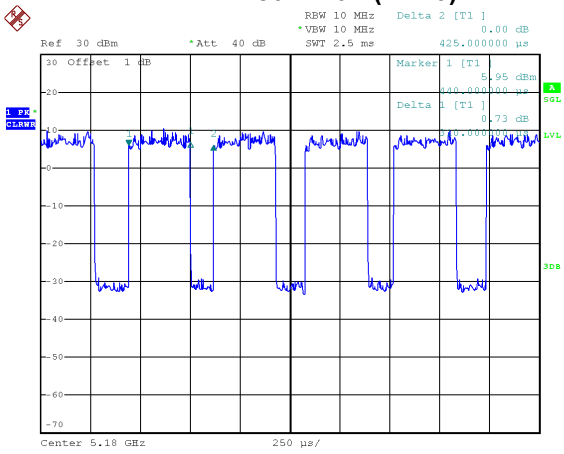
IEEE 802.11ac (VHT80)



Date: 27.SEP.2020 16:28:15

Duty cycle = 0.730 ms / 0.840 ms = 86.90%
Duty Factor = 10 log(1 / Duty cycle) = 0.61

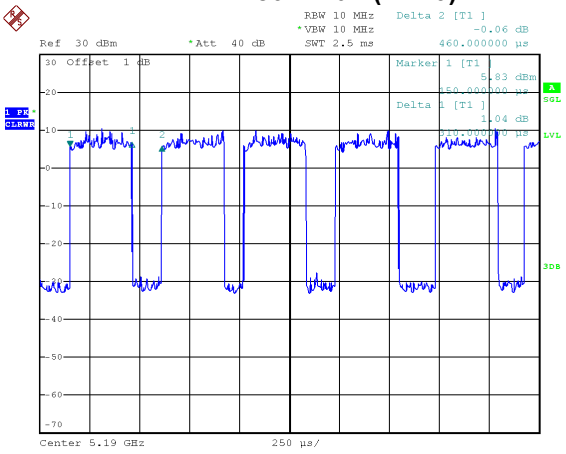
IEEE 802.11ax (HE20)



Date: 27.SEP.2020 16:32:14

Duty cycle = 0.310 ms / 0.425 ms = 72.94%
Duty Factor = 10 log(1 / Duty cycle) = 1.37

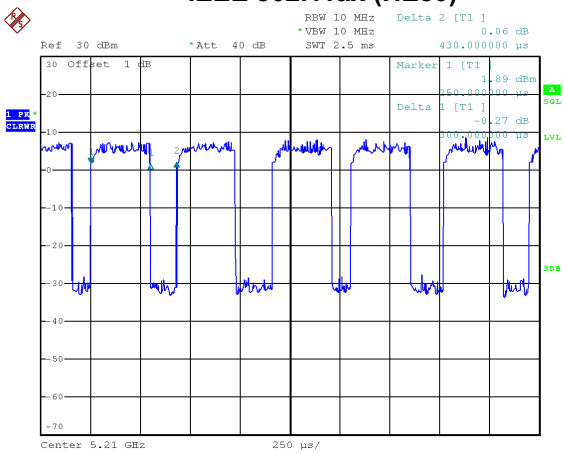
IEEE 802.11ax (HE40)



Date: 27.SEP.2020 16:32:32

Duty cycle = 0.310 ms / 0.460 ms = 67.39%
Duty Factor = 10 log(1 / Duty cycle) = 1.71

IEEE 802.11ax (HE80)

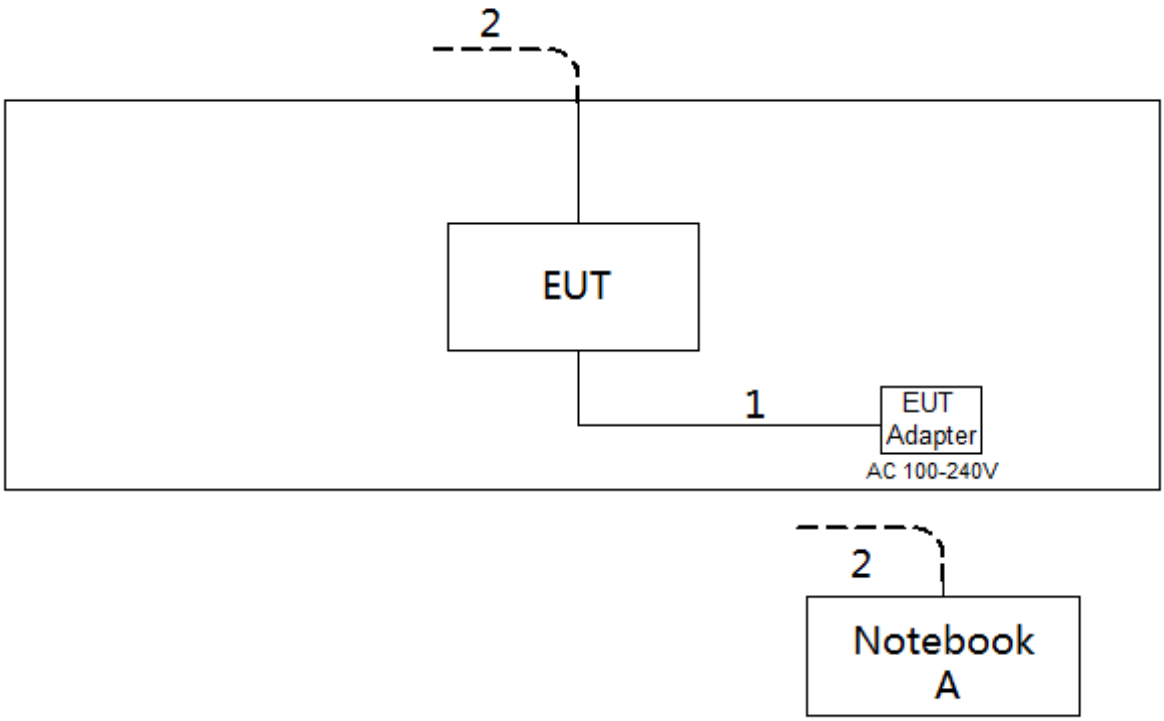


Date: 27.SEP.2020 16:32:48

Duty cycle = 0.300 ms / 0.430 ms = 69.77%
Duty Factor = 10 log(1 / Duty cycle) = 1.56

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%).

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

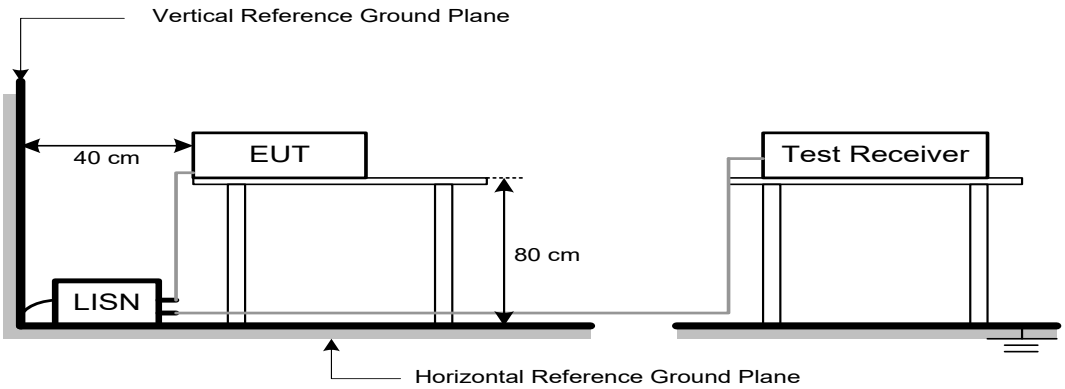
3.2 TEST PROCEDURE

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

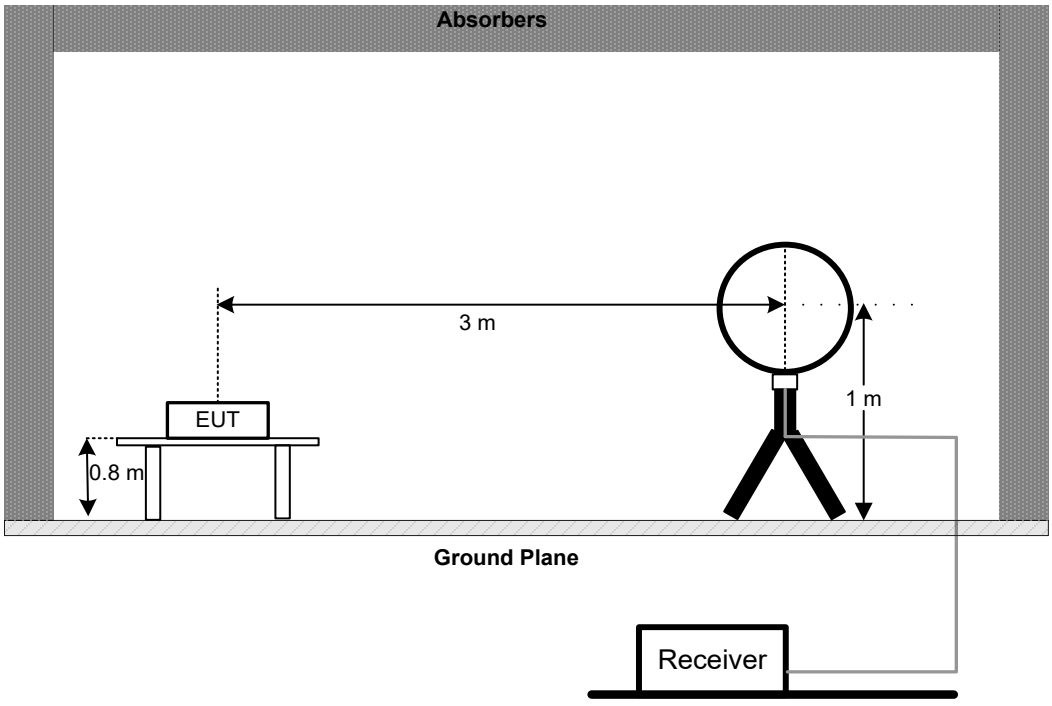
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance 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

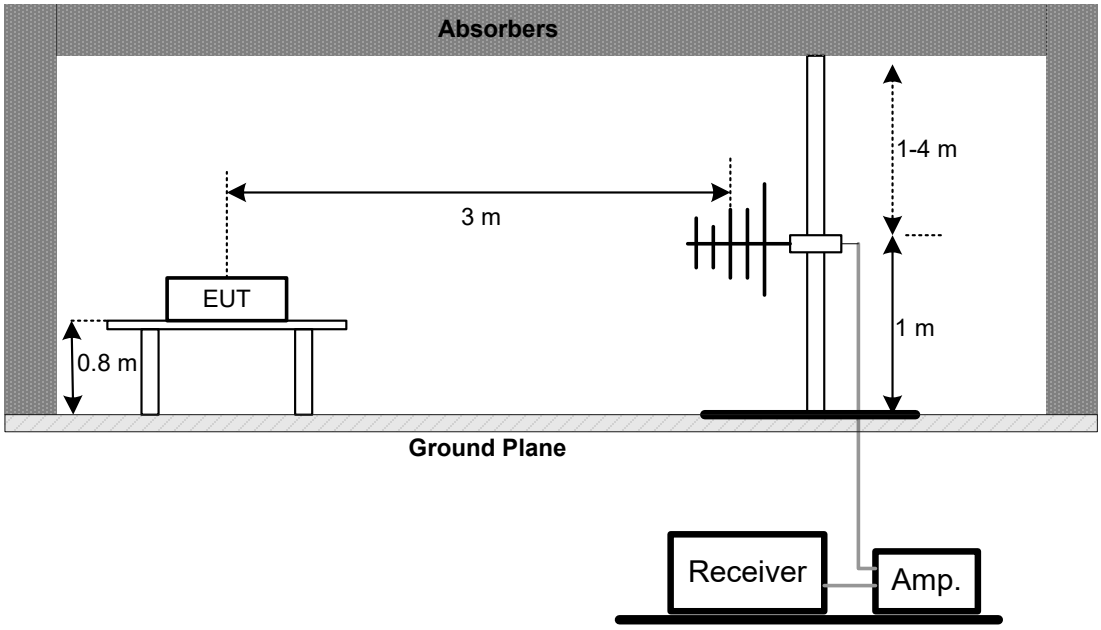
No deviation

4.4 TEST SETUP

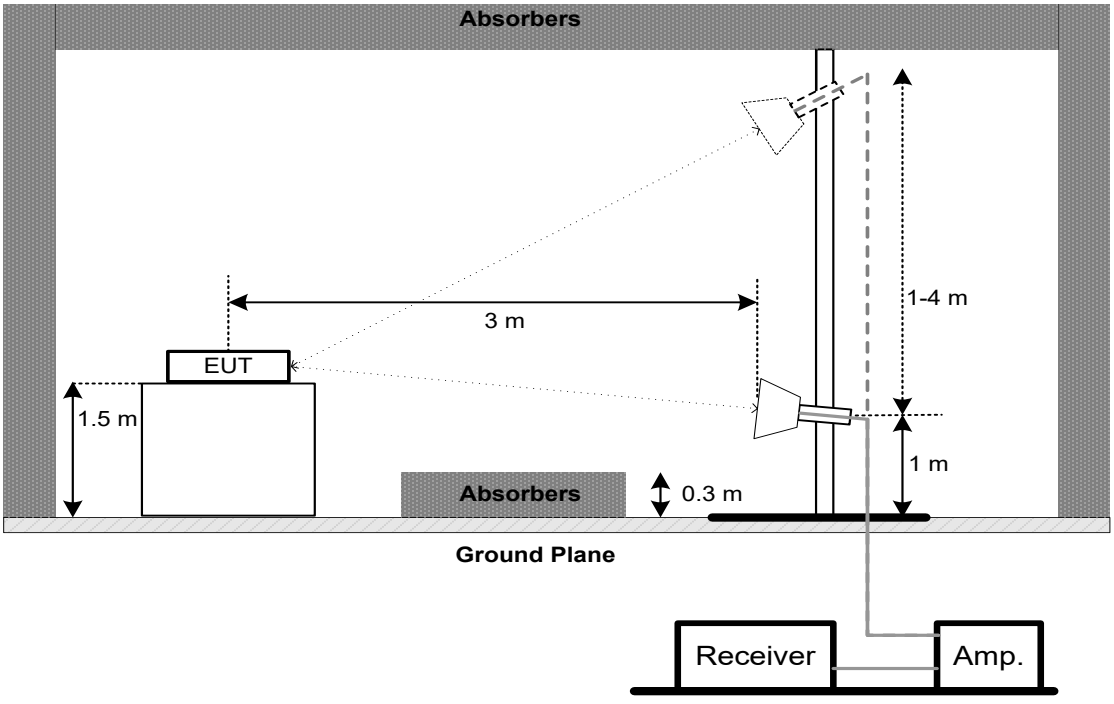
9 kHz to 30 MHz



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.

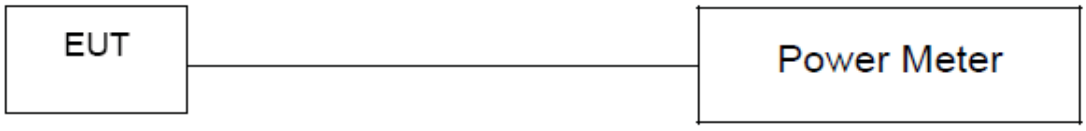
6.2 TEST PROCEDURE

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
Attenuation	Auto
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
Attenuation	Auto
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

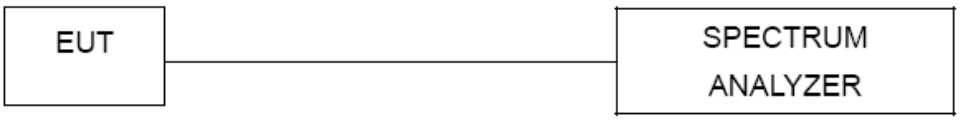
Note:

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.
2. The value measured with RBW=100kHz is to be added with 10log(500 kHz/100kHz) which is +7 dB. During the test, the offset has added 7 dB, For example, if the offset value is +2dB , then the converted value will be 2+7=9dB using RBW=100kHz.

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

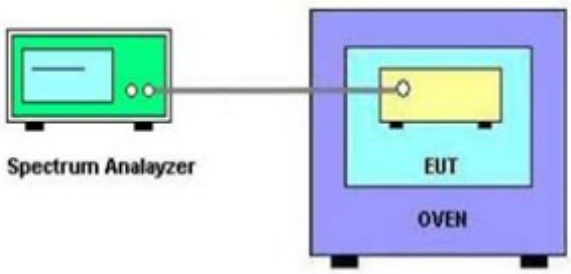
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -5°C~45°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, 2021
2	LISN	EMCO	3816/2	52765	Mar. 01, 2021
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 28, 2021
4	50Ω Terminator	SHX	TF5-3	15041305	Mar. 01, 2021
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 10, 2021
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. 28, 2021
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	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 09, 2021
2*	Amplifier	HP	8447D	2944A09673	Aug. 11, 2021
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	3008A02333	Mar. 01, 2021
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 07, 2021
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-6 000	N/A	May 09, 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. 28, 2021
11	Band Reject Filter	Micro-Tronics	BRC50704-01	8	Feb. 28, 2021
12	Band Reject Filter	Micro-Tronics	BRC50703-01	7	Feb. 28, 2021
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

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. 11, 2021
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. 28, 2021
3	RF Cable	Tongkaichuan	N/A	N/A	N/A
4	DC Block	Mini	N/A	N/A	N/A

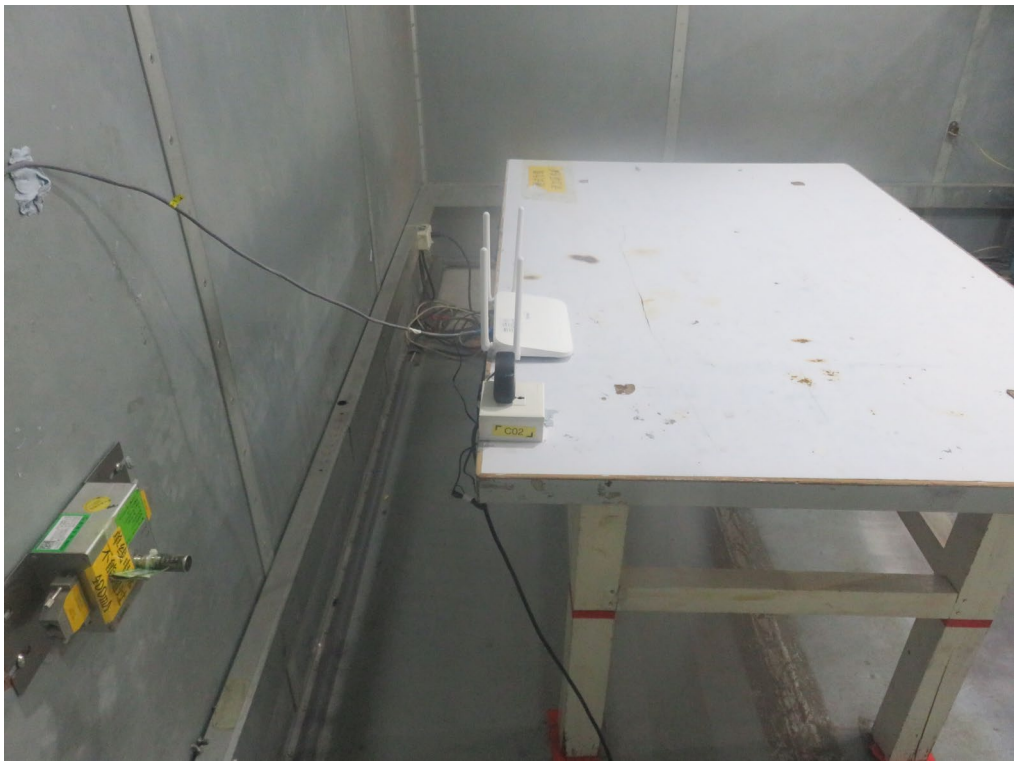
Remark: “N/A” denotes no model name, serial no. or calibration specified.

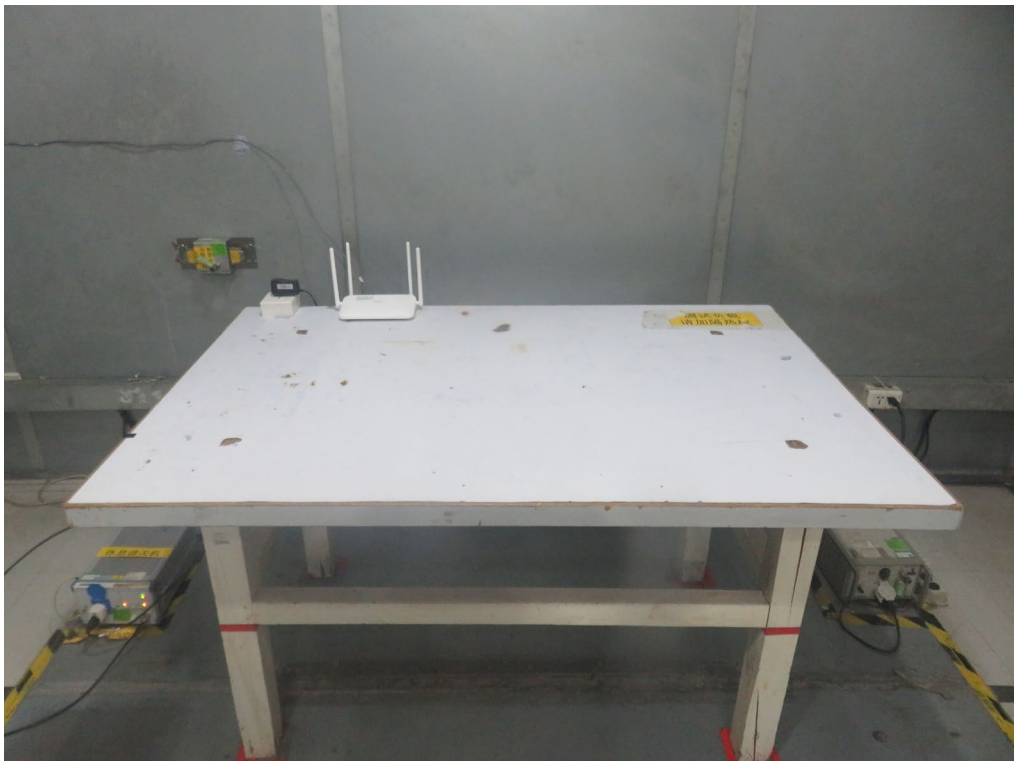
“*” calibration period of equipment list is three year.

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

10. EUT TEST PHOTOS

AC Power Line Conducted Emissions Test Photos



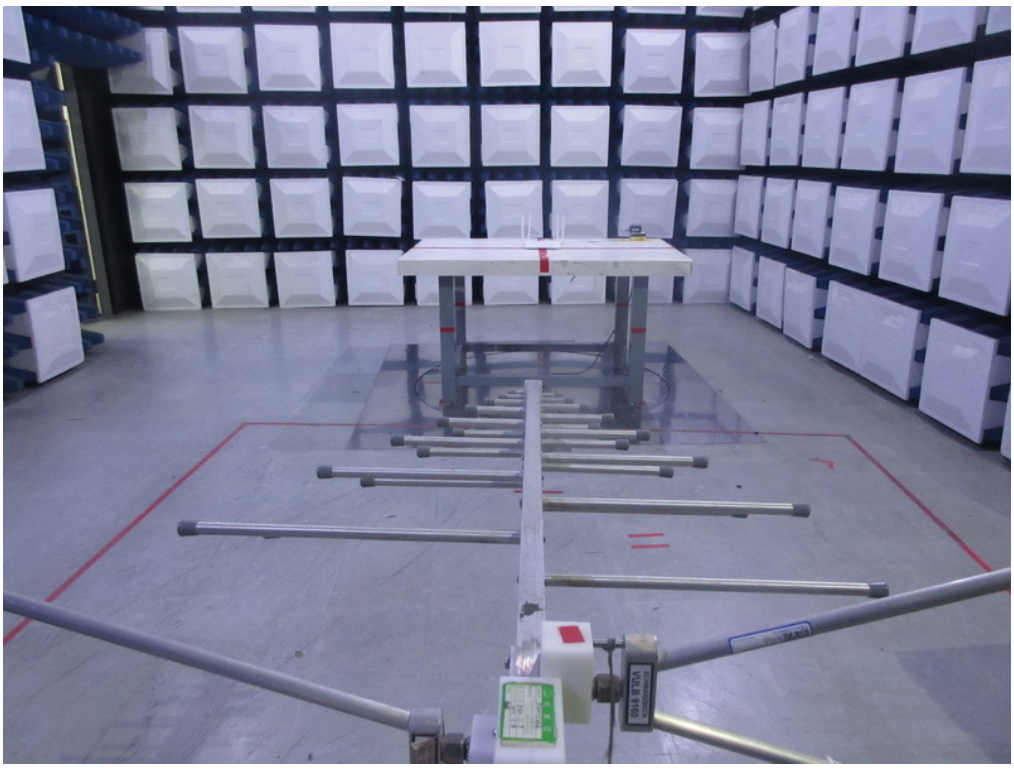


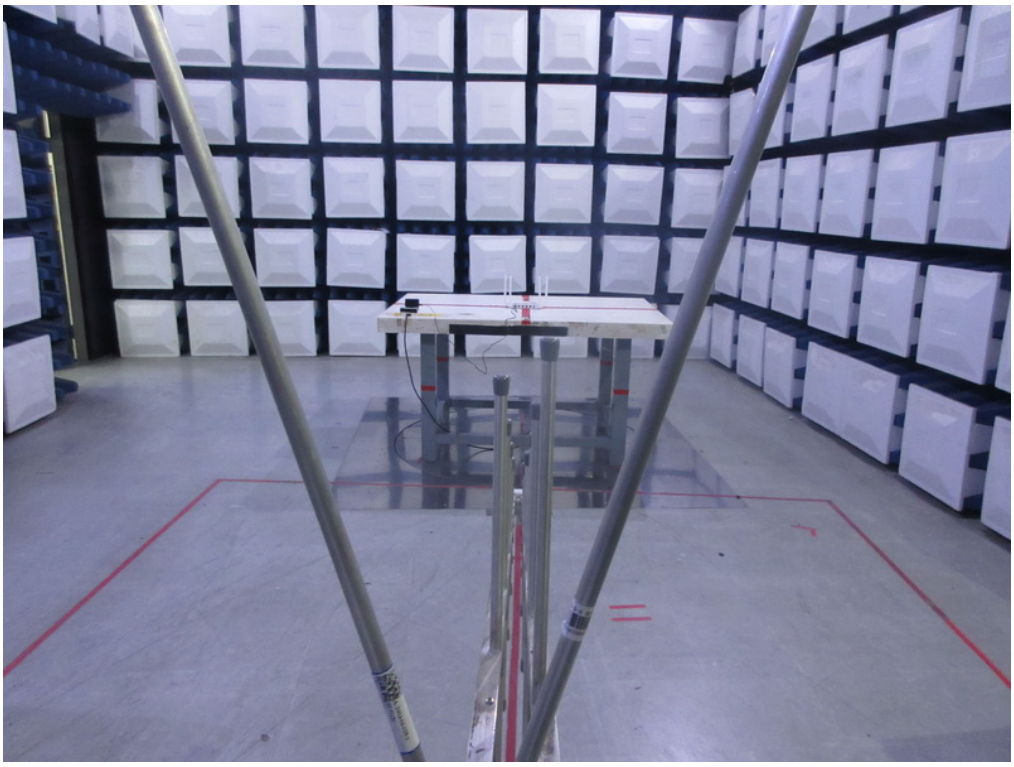
Radiated Emissions Test Photos

9 kHz to 30 MHz

Radiated Emissions Test Photos

30 MHz to 1 GHz





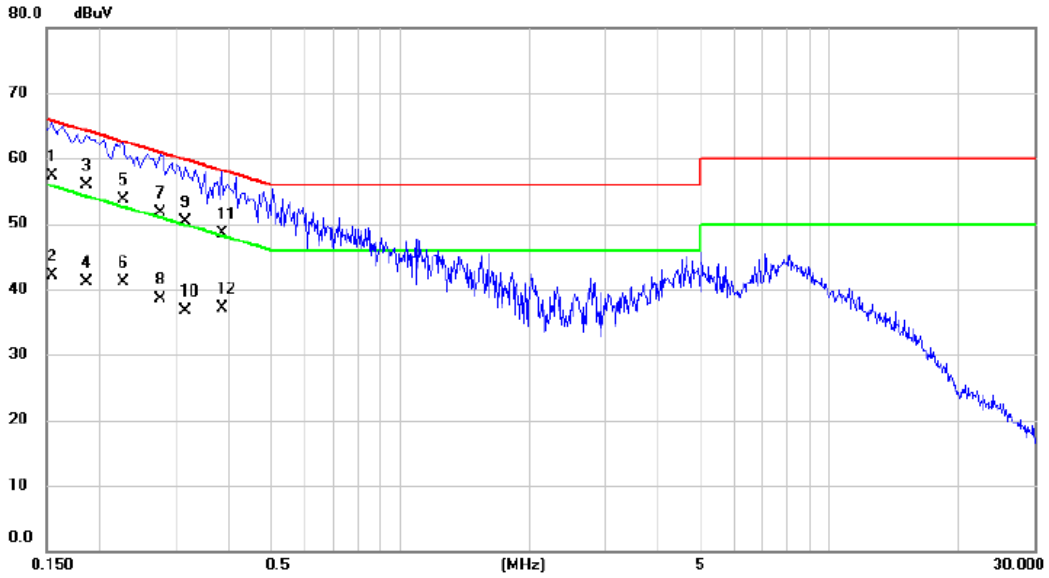
Radiated Emissions Test Photos

Above 1 GHz

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Voltage	AC 120V/60Hz
Test Mode:	TX AX80 MODE CHANNEL 155

Line

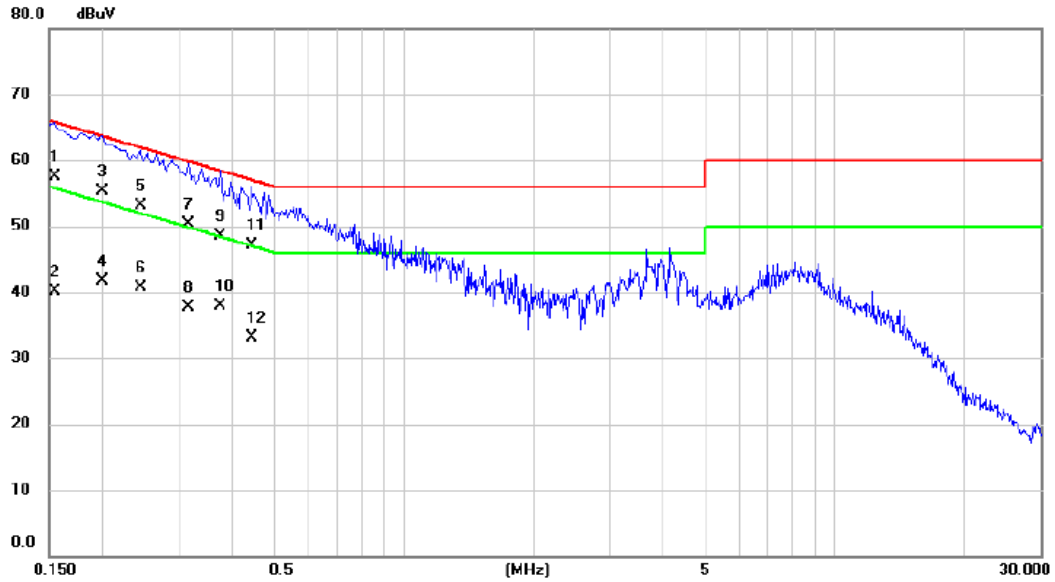


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.154	47.70	9.70	57.40	65.75	-8.35	QP	
2		0.154	32.50	9.70	42.20	55.75	-13.55	AVG	
3	*	0.186	46.10	9.86	55.96	64.21	-8.25	QP	
4		0.186	31.30	9.86	41.16	54.21	-13.05	AVG	
5		0.227	43.90	9.89	53.79	62.58	-8.79	QP	
6		0.227	31.30	9.89	41.19	52.58	-11.39	AVG	
7		0.276	41.90	9.89	51.79	60.94	-9.15	QP	
8		0.276	28.70	9.89	38.59	50.94	-12.35	AVG	
9		0.317	40.40	9.89	50.29	59.80	-9.51	QP	
10		0.317	26.80	9.89	36.69	49.80	-13.11	AVG	
11		0.384	38.60	9.92	48.52	58.19	-9.67	QP	
12		0.384	27.10	9.92	37.02	48.19	-11.17	AVG	

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

Test Voltage	AC 120V/60Hz
Test Mode:	TX AX80 MODE CHANNEL 155

Neutral

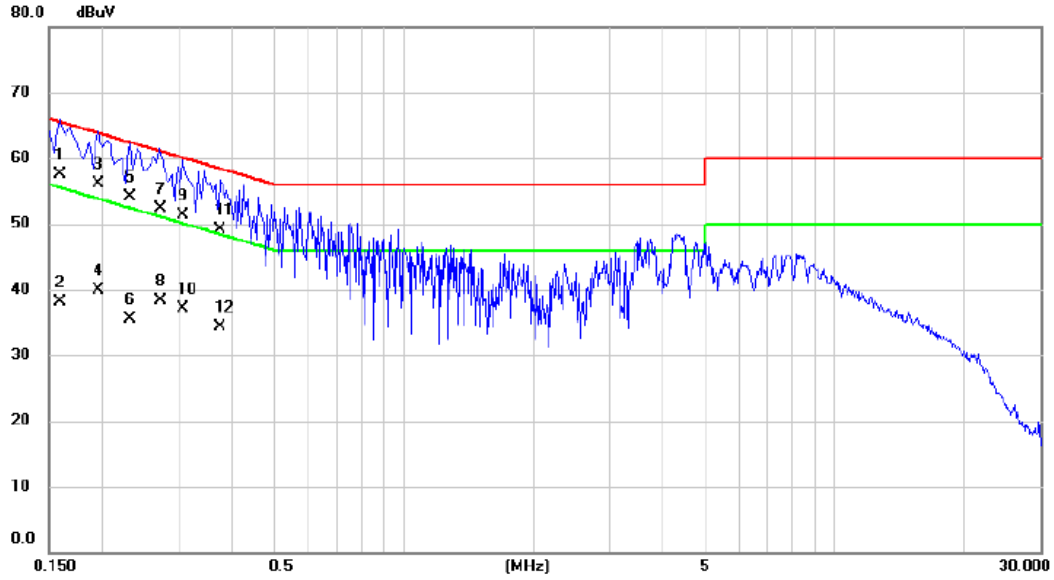


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.154	47.80	9.77	57.57	65.75	-8.18	QP	
2		0.154	30.40	9.77	40.17	55.75	-15.58	AVG	
3		0.200	45.20	10.01	55.21	63.63	-8.42	QP	
4		0.200	31.60	10.01	41.61	53.63	-12.02	AVG	
5		0.244	43.20	9.97	53.17	61.94	-8.77	QP	
6		0.244	30.80	9.97	40.77	51.94	-11.17	AVG	
7		0.317	40.30	10.03	50.33	59.80	-9.47	QP	
8		0.317	27.60	10.03	37.63	49.80	-12.17	AVG	
9		0.375	38.50	10.08	48.58	58.39	-9.81	QP	
10		0.375	27.90	10.08	37.98	48.39	-10.41	AVG	
11		0.443	36.90	10.11	47.01	57.01	-10.00	QP	
12		0.443	23.00	10.11	33.11	47.01	-13.90	AVG	

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

Test Voltage	AC 240V/50Hz
Test Mode:	TX AX80 MODE CHANNEL 155

Line

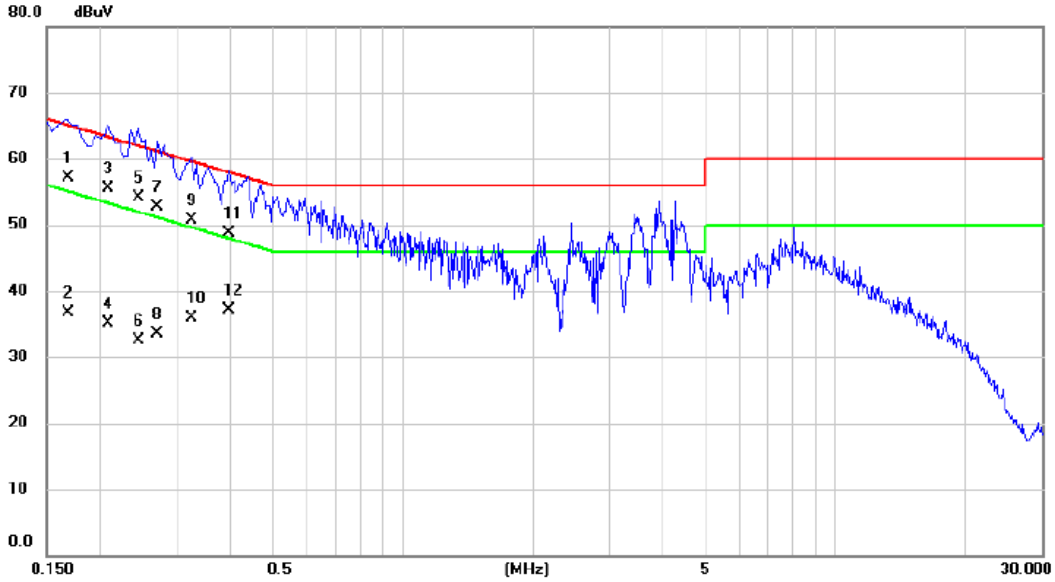


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.159	47.70	9.73	57.43	65.52	-8.09	QP	
2		0.159	28.30	9.73	38.03	55.52	-17.49	AVG	
3	*	0.195	46.20	9.90	56.10	63.82	-7.72	QP	
4		0.195	30.10	9.90	40.00	53.82	-13.82	AVG	
5		0.231	44.20	9.89	54.09	62.41	-8.32	QP	
6		0.231	25.70	9.89	35.59	52.41	-16.82	AVG	
7		0.273	42.50	9.88	52.38	61.03	-8.65	QP	
8		0.273	28.50	9.88	38.38	51.03	-12.65	AVG	
9		0.308	41.40	9.89	51.29	60.02	-8.73	QP	
10		0.308	27.30	9.89	37.19	50.02	-12.83	AVG	
11		0.375	39.10	9.91	49.01	58.39	-9.38	QP	
12		0.375	24.30	9.91	34.21	48.39	-14.18	AVG	

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

Test Voltage	AC 240V/50Hz
Test Mode:	TX AX80 MODE CHANNEL 155

Neutral



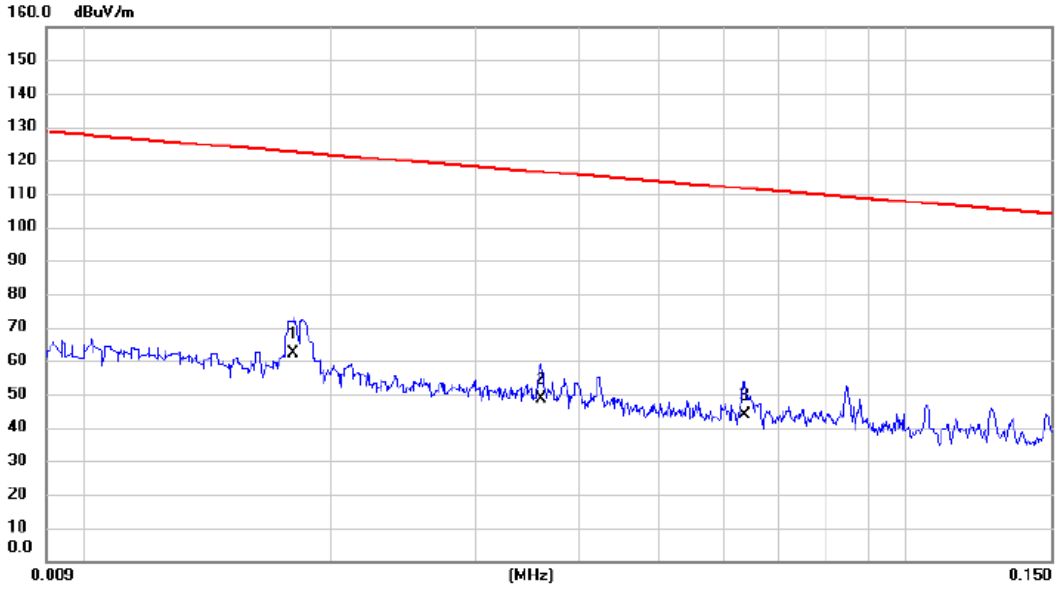
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.168	47.20	9.88	57.08	65.06	-7.98	QP	
2		0.168	26.90	9.88	36.78	55.06	-18.28	AVG	
3	*	0.208	45.50	10.00	55.50	63.26	-7.76	QP	
4		0.208	25.10	10.00	35.10	53.26	-18.16	AVG	
5		0.244	44.10	9.97	54.07	61.94	-7.87	QP	
6		0.244	22.60	9.97	32.57	51.94	-19.37	AVG	
7		0.271	42.70	10.00	52.70	61.07	-8.37	QP	
8		0.271	23.50	10.00	33.50	51.07	-17.57	AVG	
9		0.326	40.60	10.04	50.64	59.57	-8.93	QP	
10		0.326	25.80	10.04	35.84	49.57	-13.73	AVG	
11		0.398	38.70	10.09	48.79	57.91	-9.12	QP	
12		0.398	27.10	10.09	37.19	47.91	-10.72	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode:	TX AX80 MODE CHANNEL 155

Ant 0°

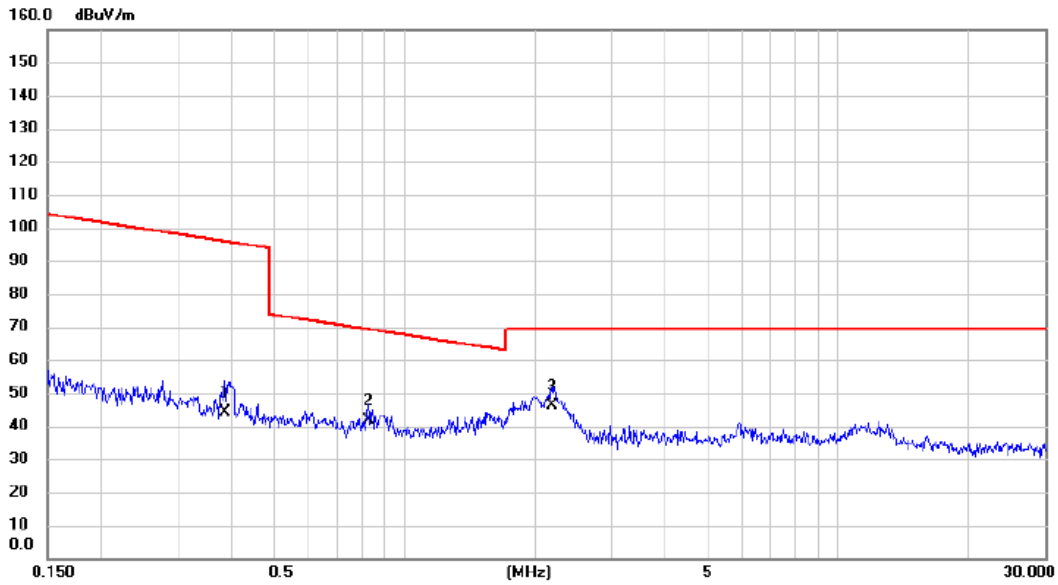


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0180	48.35	13.84	62.19	122.50	-60.31	AVG	
2		0.0360	35.72	12.79	48.51	116.48	-67.97	AVG	
3		0.0636	31.19	12.50	43.69	111.54	-67.85	AVG	

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

Test Mode:	TX AX80 MODE CHANNEL 155

Ant 0°

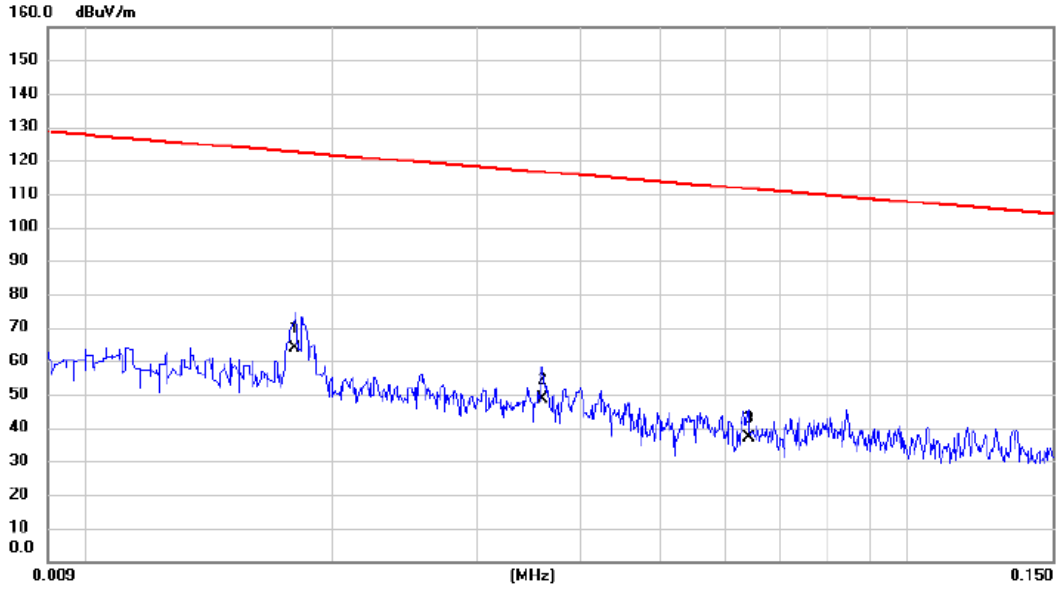


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3852	31.93	12.29	44.22	95.89	-51.67	AVG	
2		0.8261	29.81	11.87	41.68	69.26	-27.58	QP	
3	*	2.1898	35.05	11.21	46.26	69.54	-23.28	QP	

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

Test Mode:	TX AX80 MODE CHANNEL 155

Ant 90°

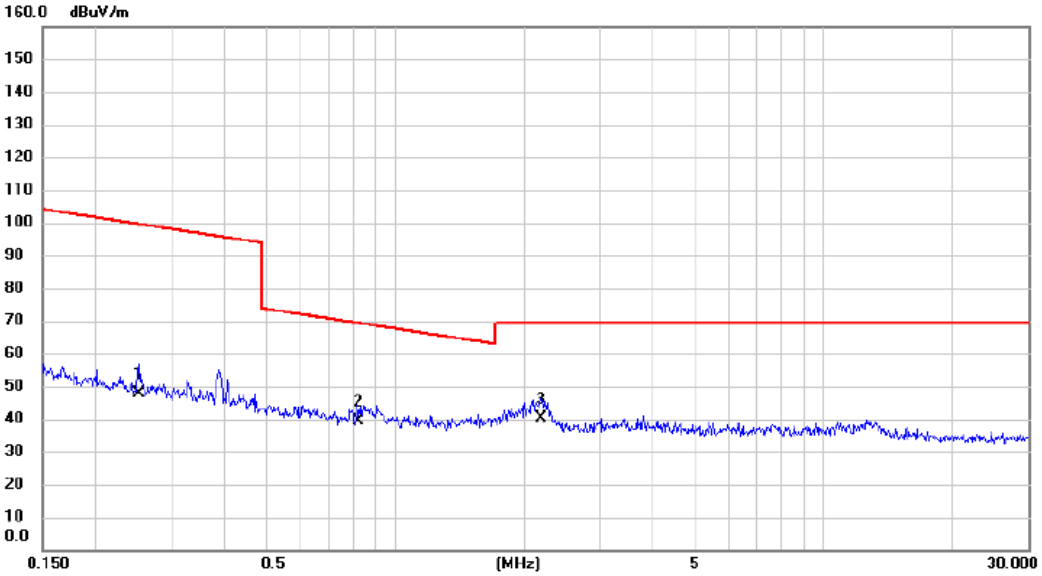


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0180	49.92	13.84	63.76	122.50	-58.74	AVG	
2		0.0360	35.84	12.79	48.63	116.48	-67.85	AVG	
3		0.0641	24.59	12.50	37.09	111.47	-74.38	AVG	

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

Test Mode:	TX AX80 MODE CHANNEL 155

Ant 90°



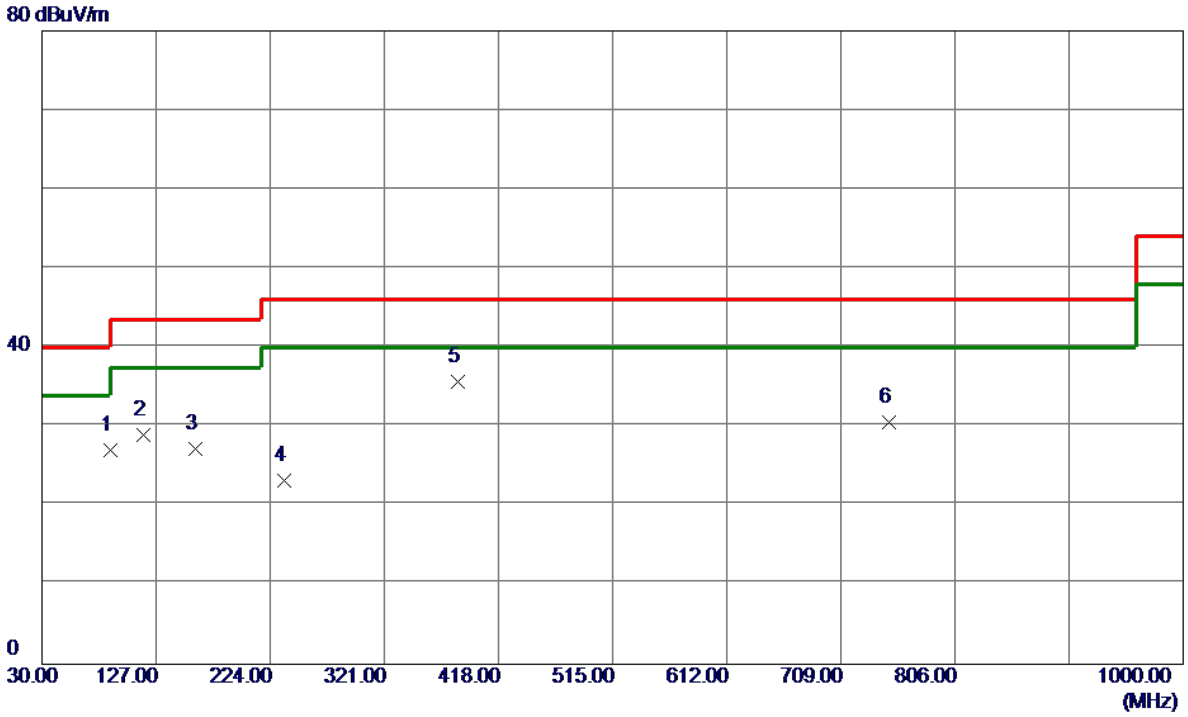
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2521	35.10	12.63	47.73	99.57	-51.84	AVG	
2		0.8174	27.73	11.87	39.60	69.36	-29.76	QP	
3	*	2.1898	29.15	11.21	40.36	69.54	-29.18	QP	

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 AX80 MODE CHANNEL 155

Vertical

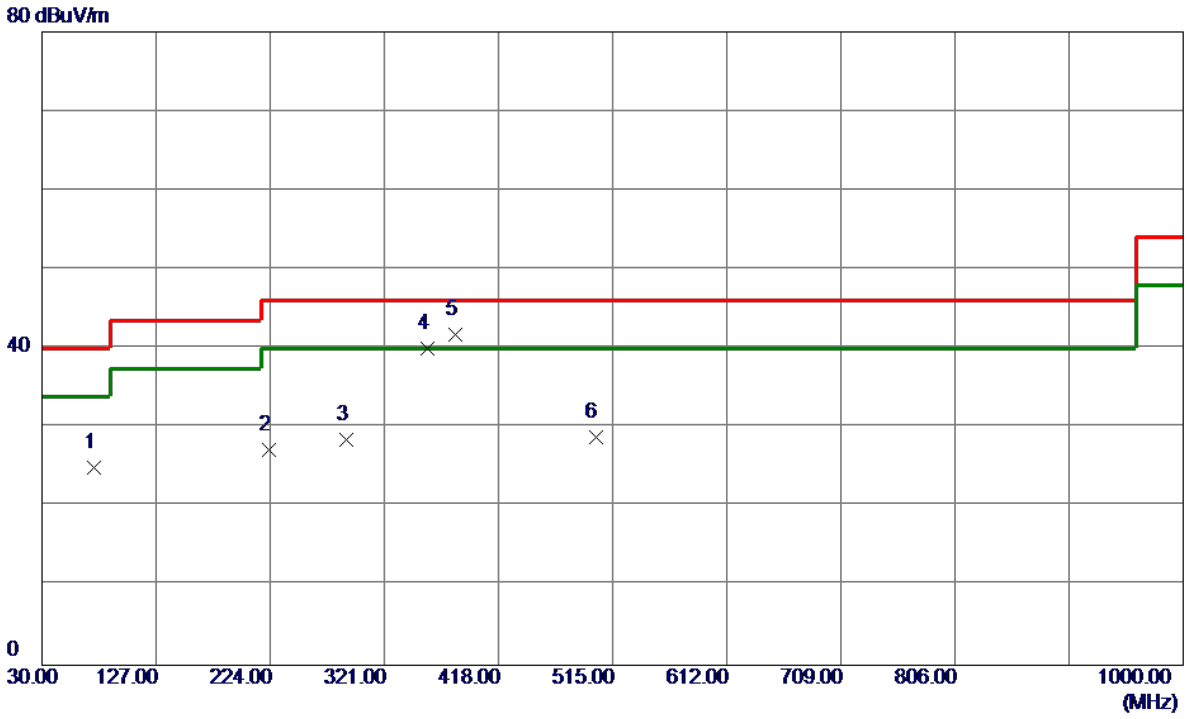


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	88.2000	43.14	-16.09	27.05	43.50	-16.45	Peak	
2	116.3300	42.25	-13.28	28.97	43.50	-14.53	Peak	
3	159.9800	37.94	-10.67	27.27	43.50	-16.23	Peak	
4	235.6400	36.85	-13.71	23.14	46.00	-22.86	Peak	
5 *	383.0799	45.03	-9.41	35.62	46.00	-10.38	Peak	
6	749.7400	33.81	-3.21	30.60	46.00	-15.40	Peak	

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

Test Mode:	TX AX80 MODE CHANNEL 155

Horizontal



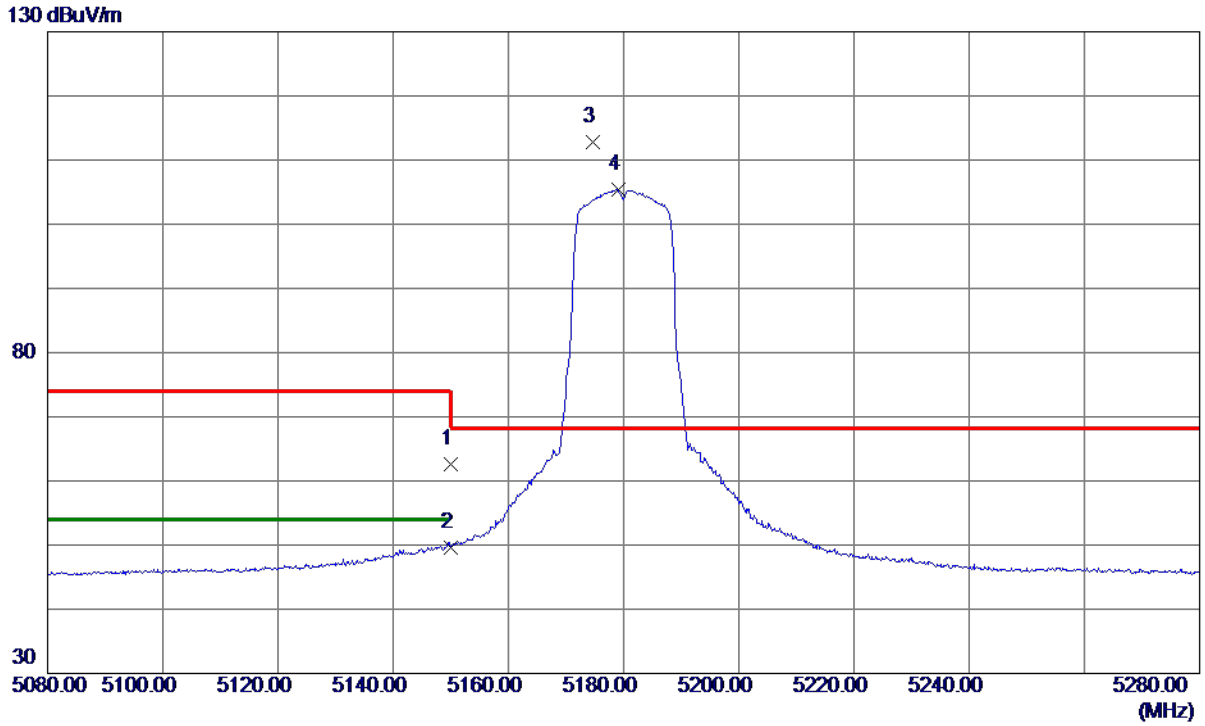
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	74.6200	41.69	-16.78	24.91	40.00	-15.09	Peak	
2	223.0300	41.33	-14.13	27.20	46.00	-18.80	Peak	
3	288.9900	40.05	-11.55	28.50	46.00	-17.50	Peak	
4	357.8599	50.02	-10.02	40.00	46.00	-6.00	Peak	
5 *	381.1400	51.17	-9.46	41.71	46.00	-4.29	Peak	
6	500.4500	35.99	-7.26	28.73	46.00	-17.27	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

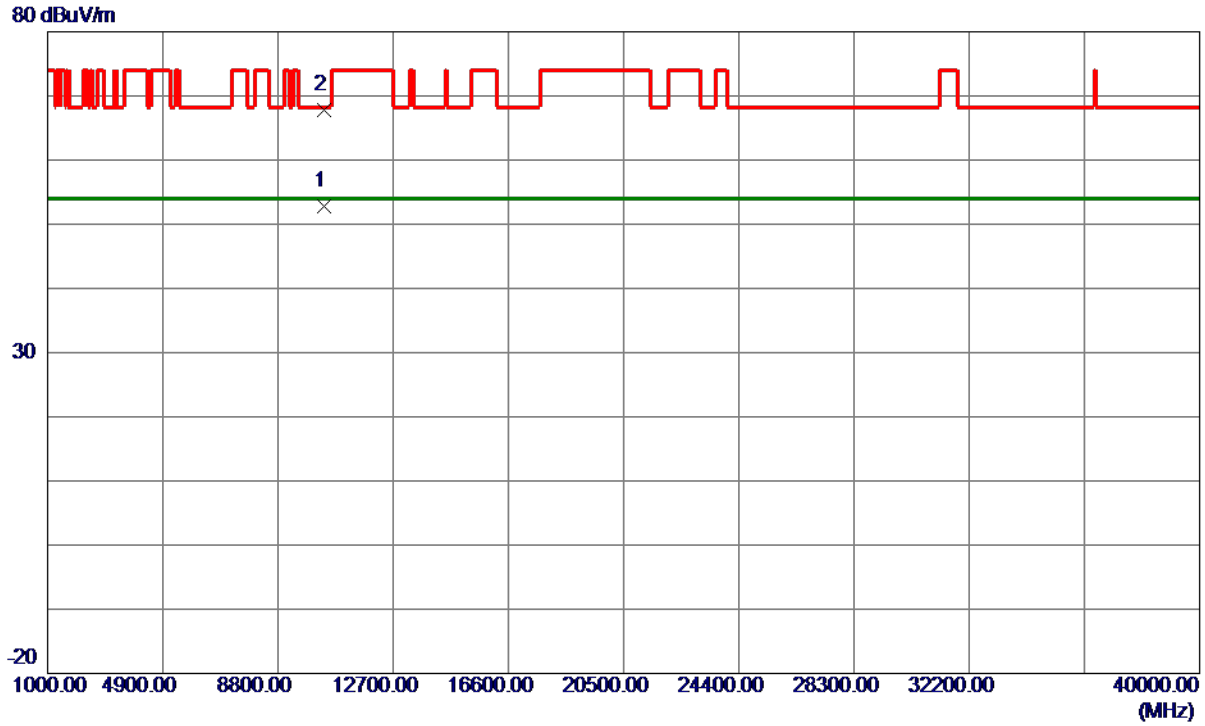


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.46	16.16	62.62	74.00	-11.38	Peak	
2	5150.0000	33.48	16.16	49.64	54.00	-4.36	AVG	
3 *	5174.6000	96.66	16.21	112.87	68.30	44.57	Peak	No Limit
4	5179.1000	89.23	16.22	105.45	999.00	-893.55	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 5180 MHz

Vertical

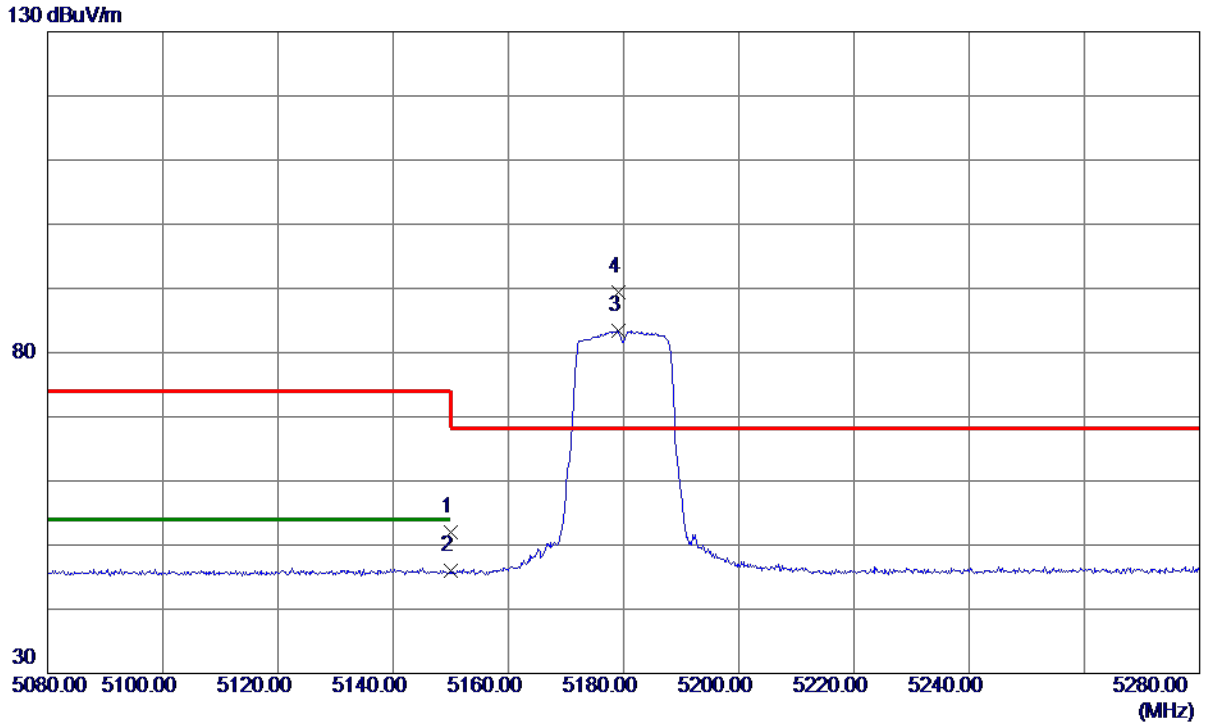


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.9550	39.35	13.52	52.87	54.00	-1.13	AVG	
2 *	10360.9830	54.34	13.52	67.86	68.30	-0.44	Peak	

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

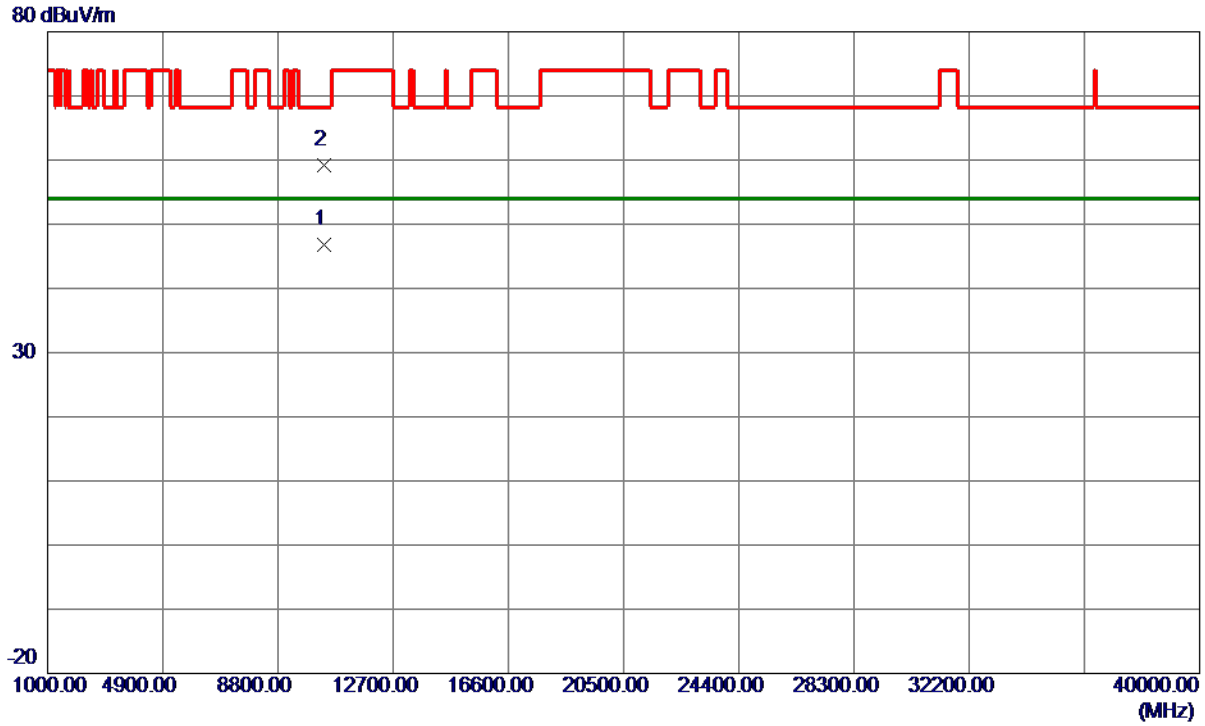


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	35.83	16.16	51.99	74.00	-22.01	Peak	
2	5150.0000	29.75	16.16	45.91	54.00	-8.09	AVG	
3	5179.1000	67.22	16.22	83.44	999.00	-915.56	AVG	No Limit
4 *	5179.2000	73.24	16.22	89.46	68.30	21.16	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

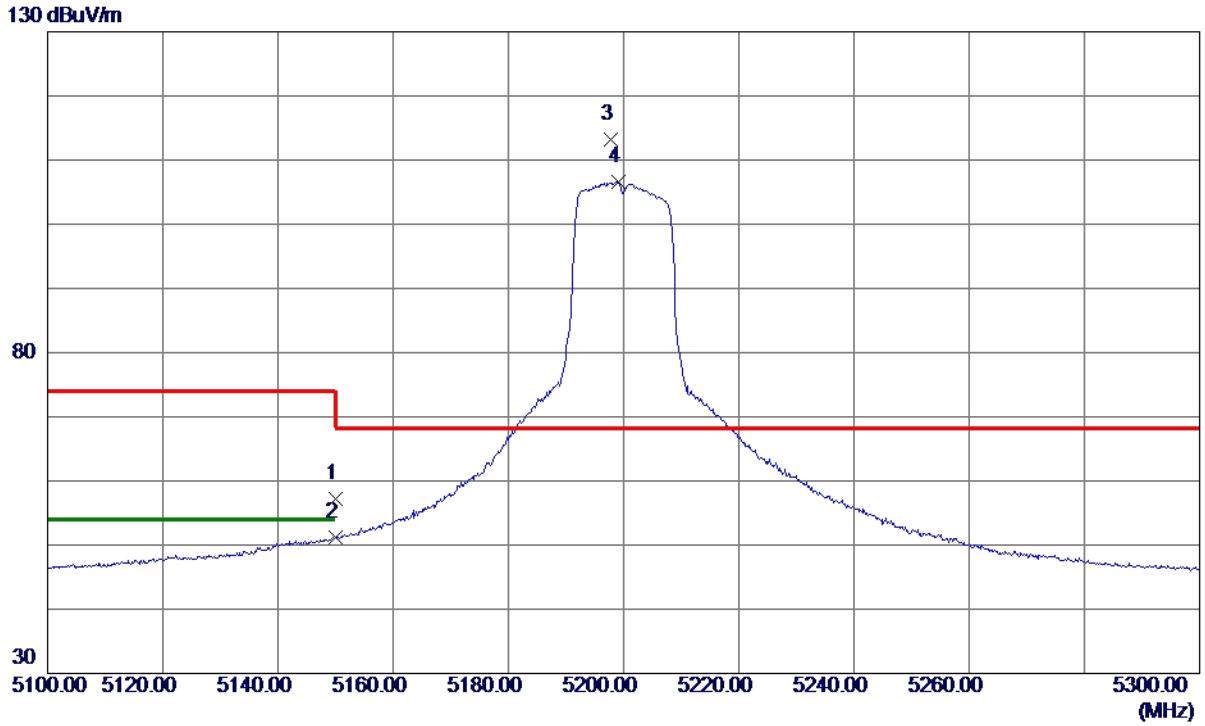


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.1180	33.28	13.51	46.79	54.00	-7.21	AVG	
2	10360.7500	45.62	13.52	59.14	68.30	-9.16	Peak	

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

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

Vertical

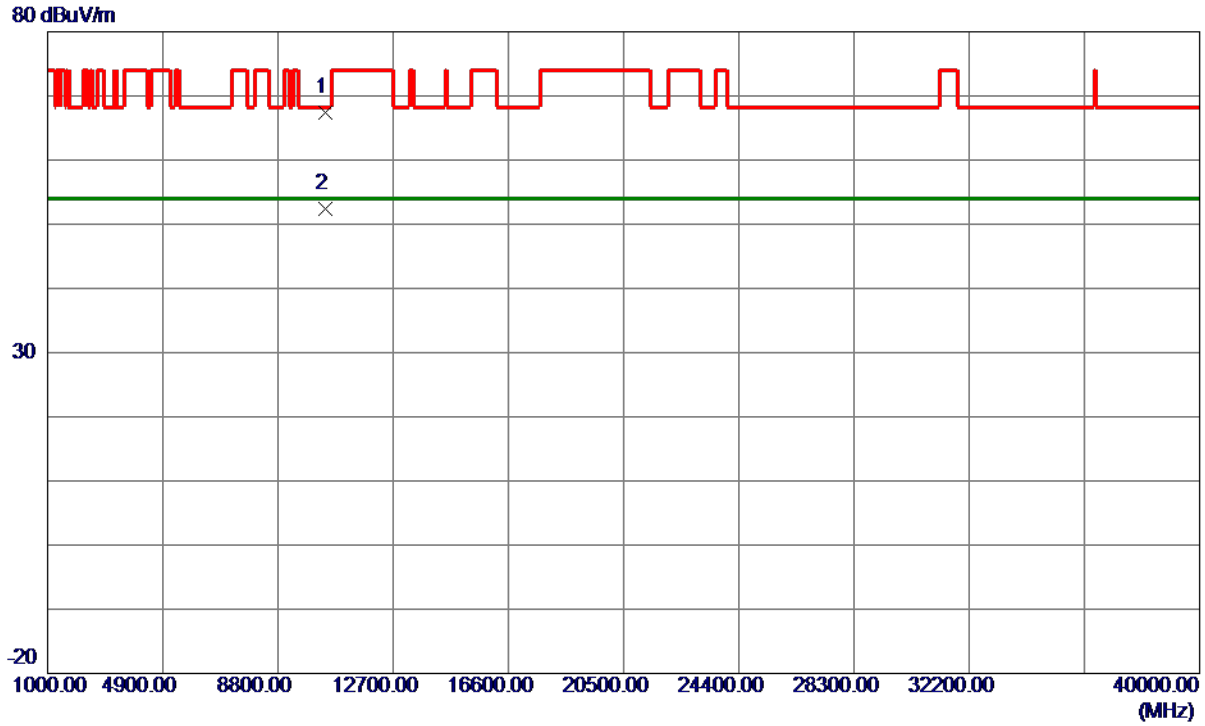


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	41.02	16.16	57.18	74.00	-16.82	Peak	
2	5150.0000	35.07	16.16	51.23	54.00	-2.77	AVG	
3 *	5197.7000	96.98	16.27	113.25	68.30	44.95	Peak	No Limit
4	5199.1000	90.41	16.27	106.68	999.00	-892.32	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

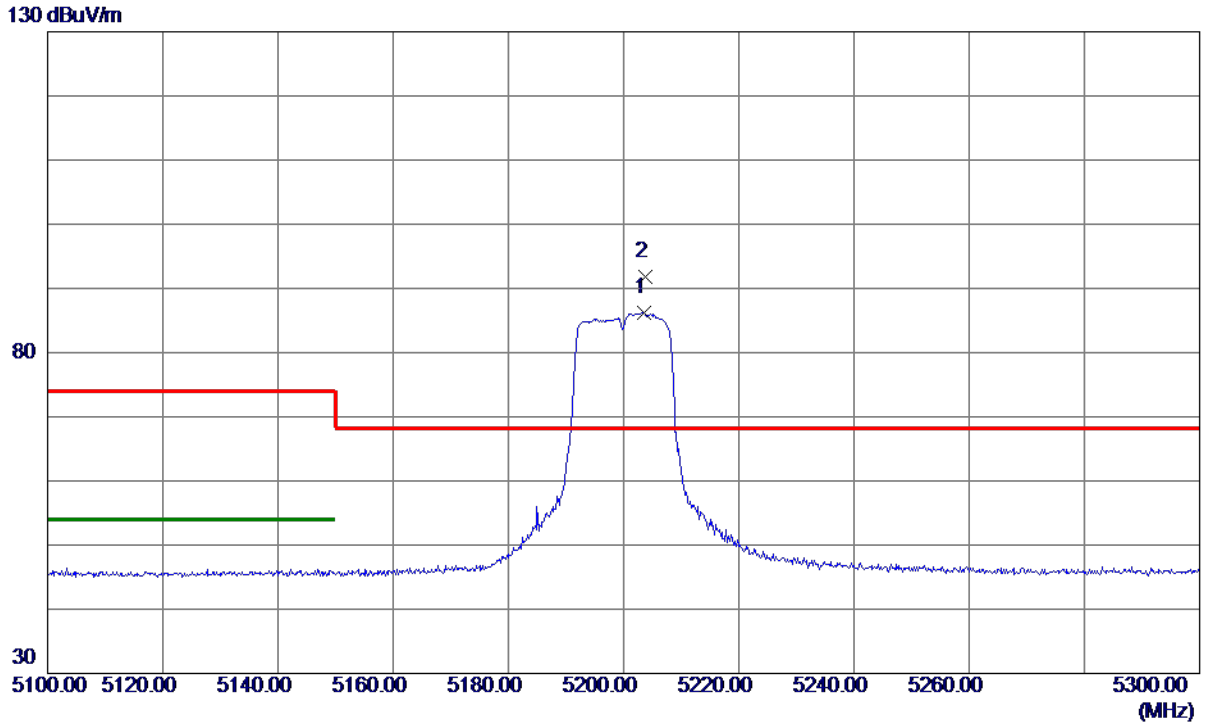


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10401.4780	53.88	13.55	67.43	68.30	-0.87	Peak	
2	10401.5690	38.89	13.55	52.44	54.00	-1.56	AVG	

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 5200 MHz

Horizontal

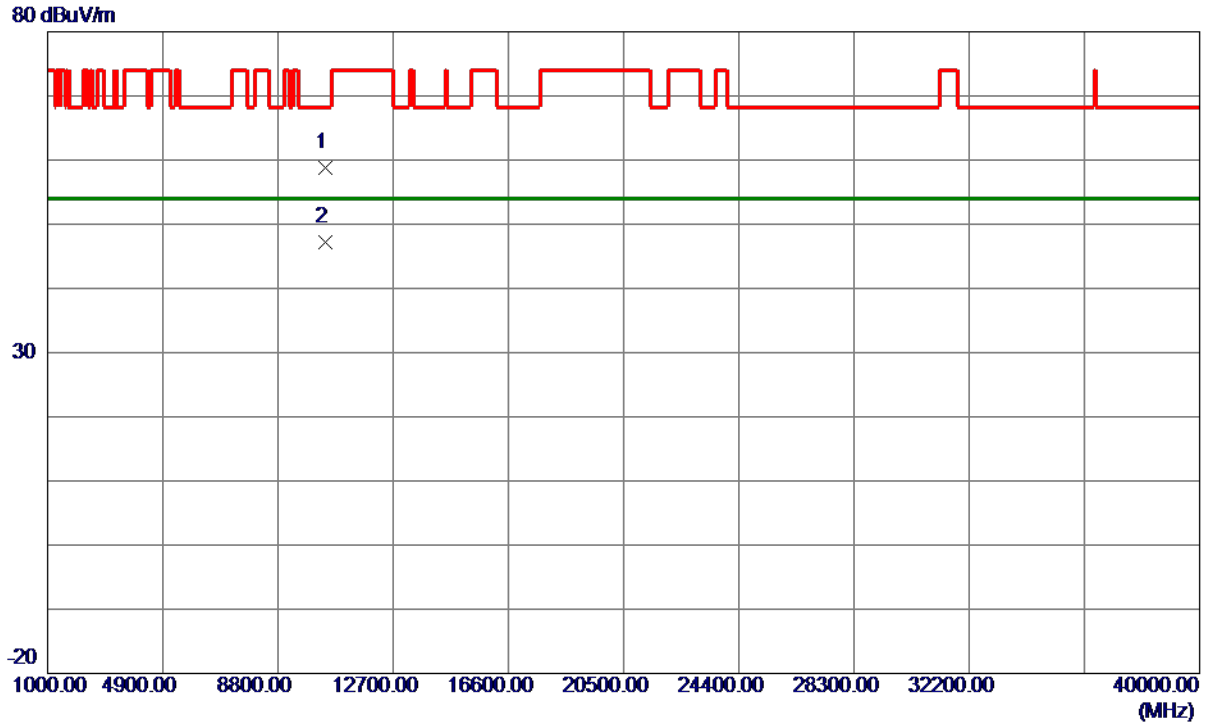


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5203.6000	69.86	16.28	86.14	999.00	-912.86	AVG	No Limit
2 *	5203.7000	75.57	16.28	91.85	68.30	23.55	Peak	No Limit

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 5200 MHz

Horizontal

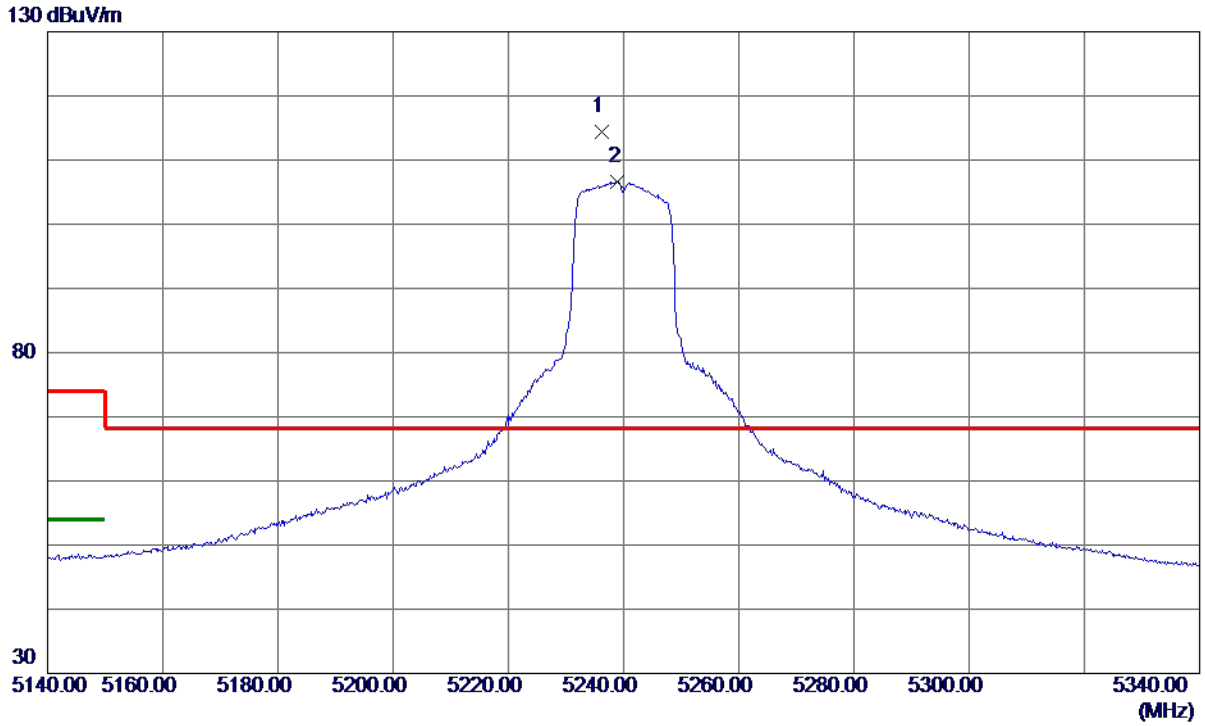


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.3760	45.31	13.55	58.86	68.30	-9.44	Peak	
2 *	10400.3880	33.63	13.55	47.18	54.00	-6.82	AVG	

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

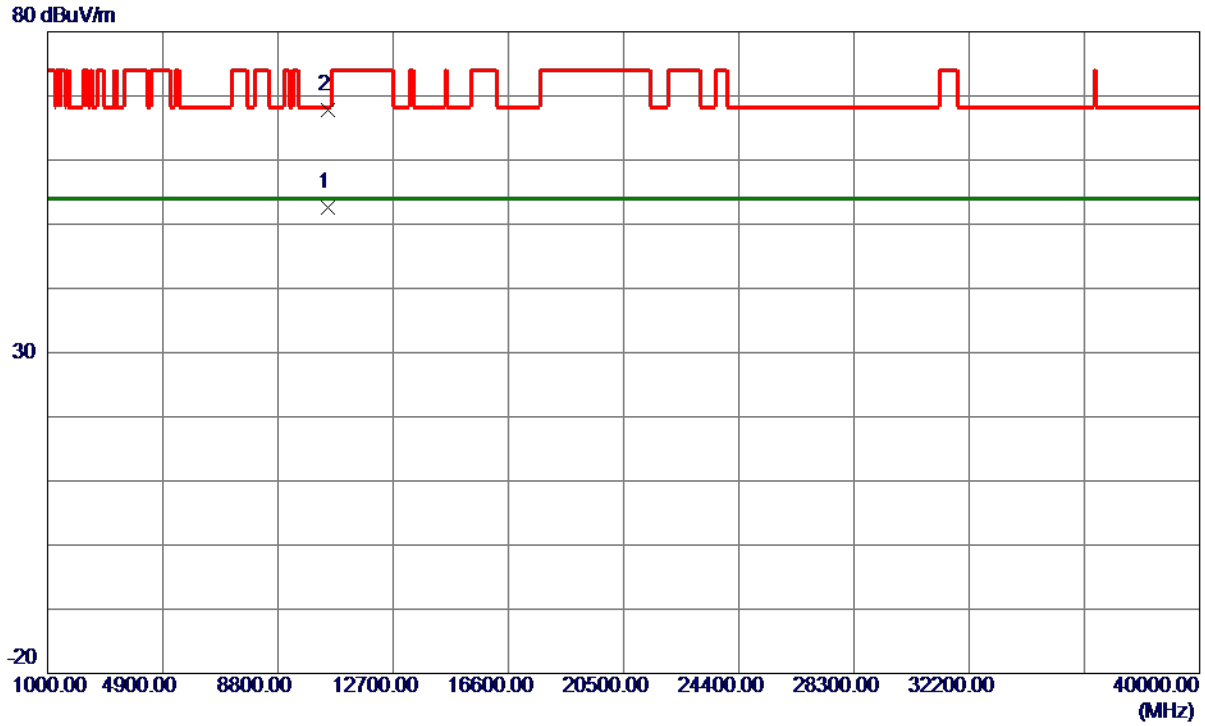


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5236.3000	97.99	16.36	114.35	68.30	46.05	Peak	No Limit
2	5239.0000	90.24	16.37	106.61	999.00	-892.39	AVG	No Limit

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

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

Vertical

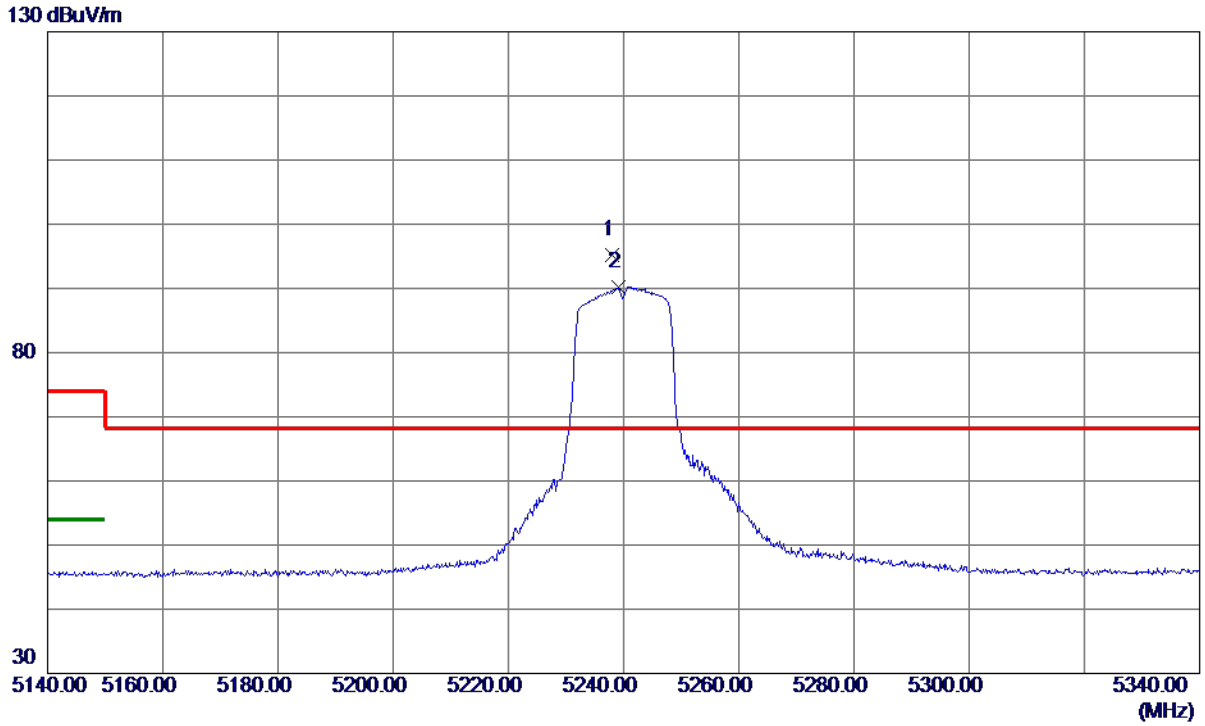


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10478.0560	39.06	13.62	52.68	54.00	-1.32	AVG	
2 *	10479.9150	54.23	13.63	67.86	68.30	-0.44	Peak	

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

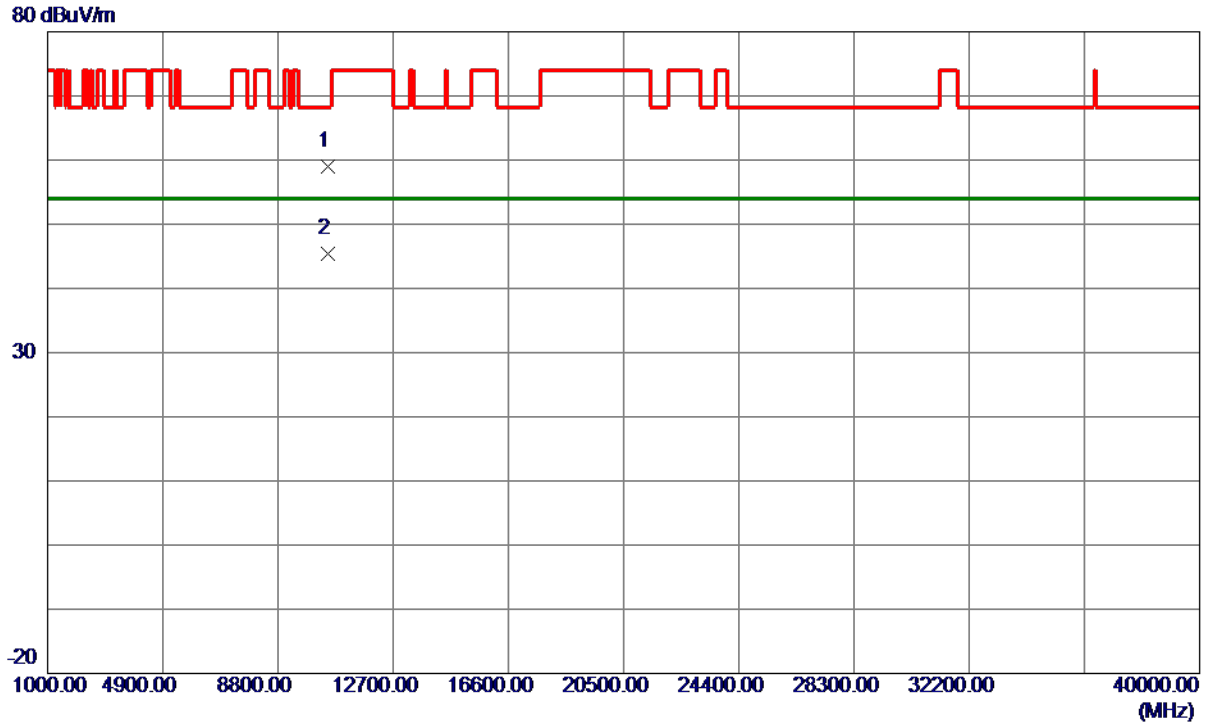


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5237.9000	78.91	16.36	95.27	68.30	26.97	Peak	No Limit
2	5239.2000	73.85	16.37	90.22	999.00	-908.78	AVG	No Limit

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 5240 MHz

Horizontal

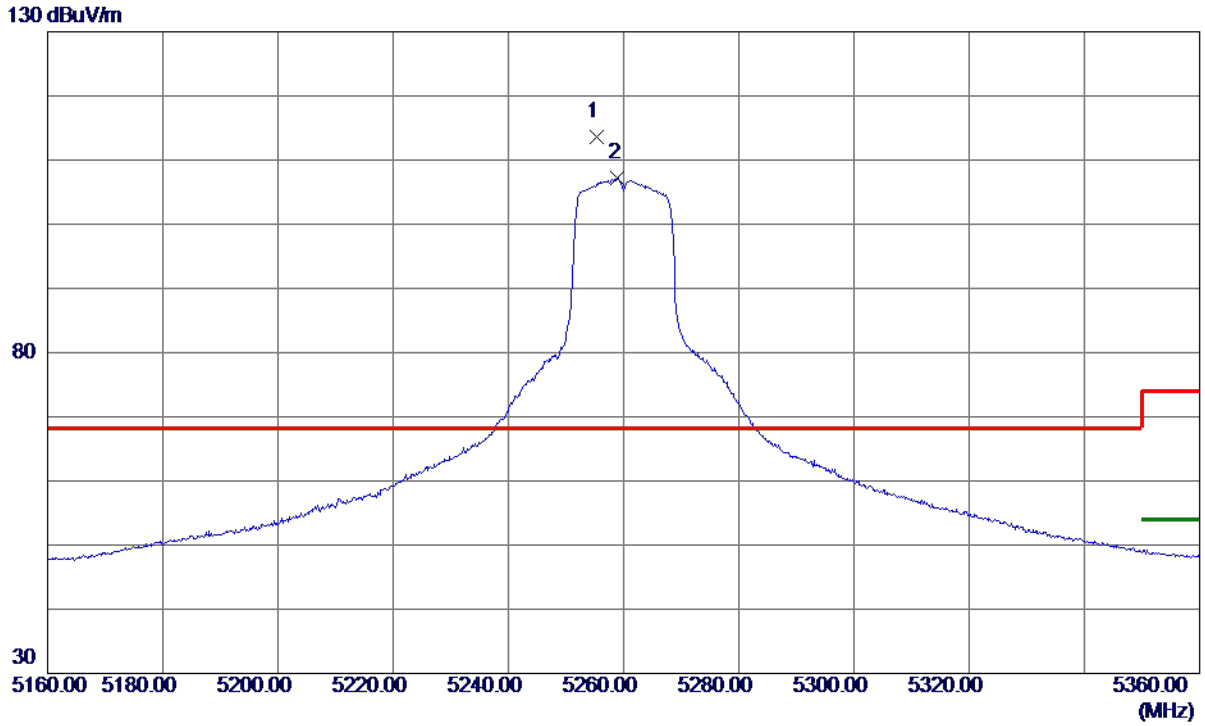


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.7300	45.44	13.63	59.07	68.30	-9.23	Peak	
2 *	10479.8840	31.69	13.63	45.32	54.00	-8.68	AVG	

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

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

Vertical

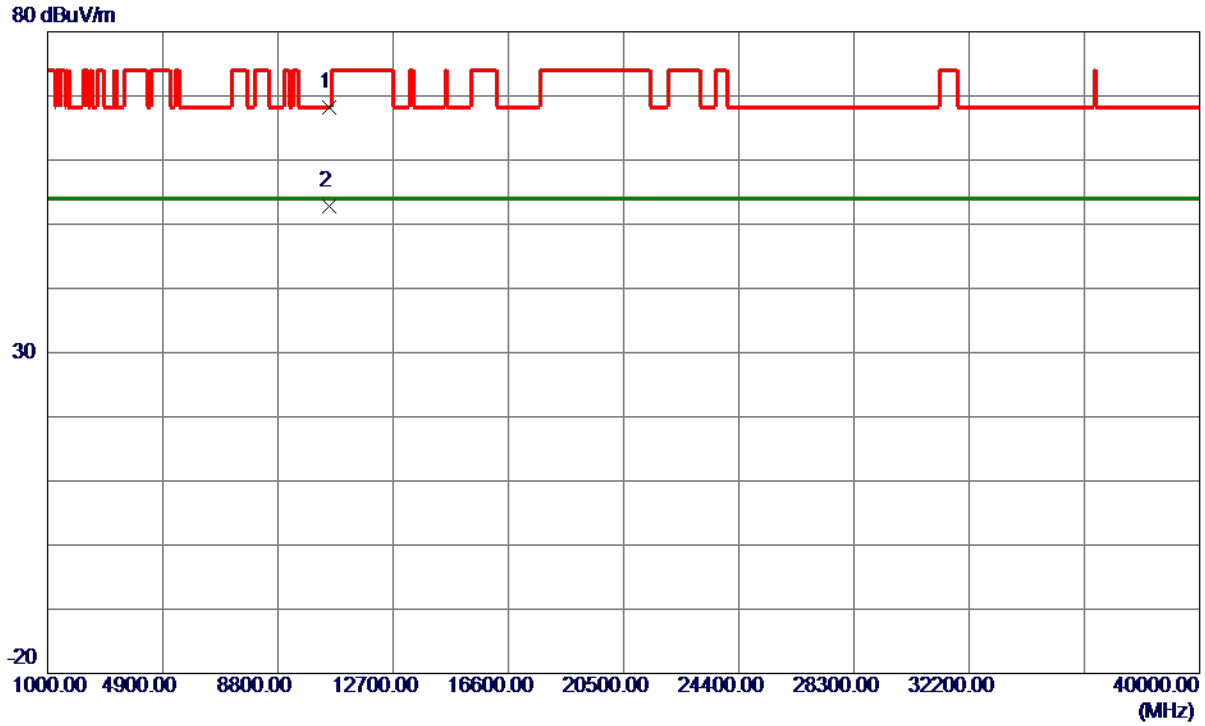


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5255.4000	97.15	16.41	113.56	68.30	45.26	Peak	No Limit
2	5259.0000	90.84	16.41	107.25	999.00	-891.75	AVG	No Limit

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 5260 MHz

Vertical

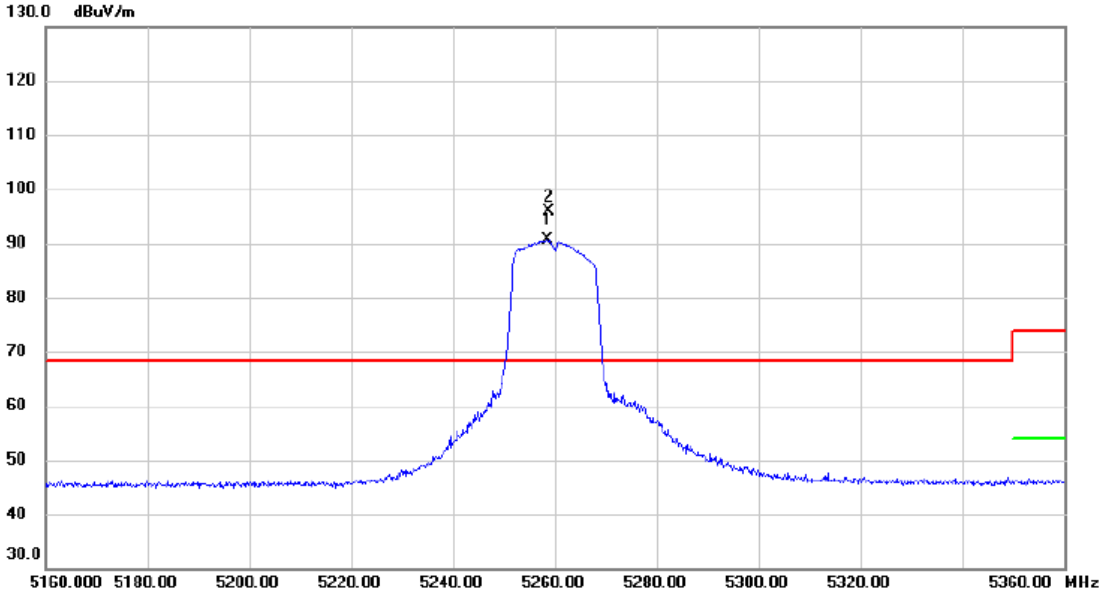


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.3170	54.50	13.66	68.16	68.30	-0.14	Peak	
2	10520.3630	39.18	13.66	52.84	54.00	-1.16	AVG	

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 5260 MHz

Horizontal

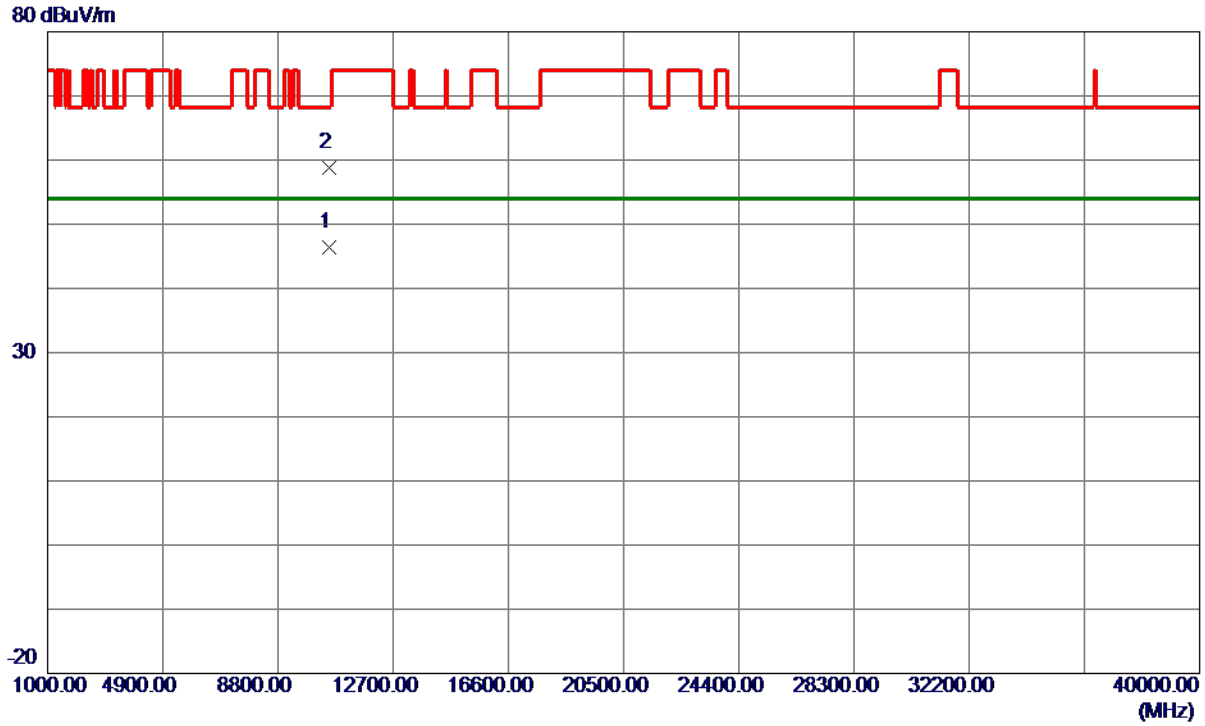


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5258.600	74.15	16.42	90.57	68.30	22.27	AVG	No Limit
2	*	5258.700	79.55	16.42	95.97	68.30	27.67	peak	No Limit

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

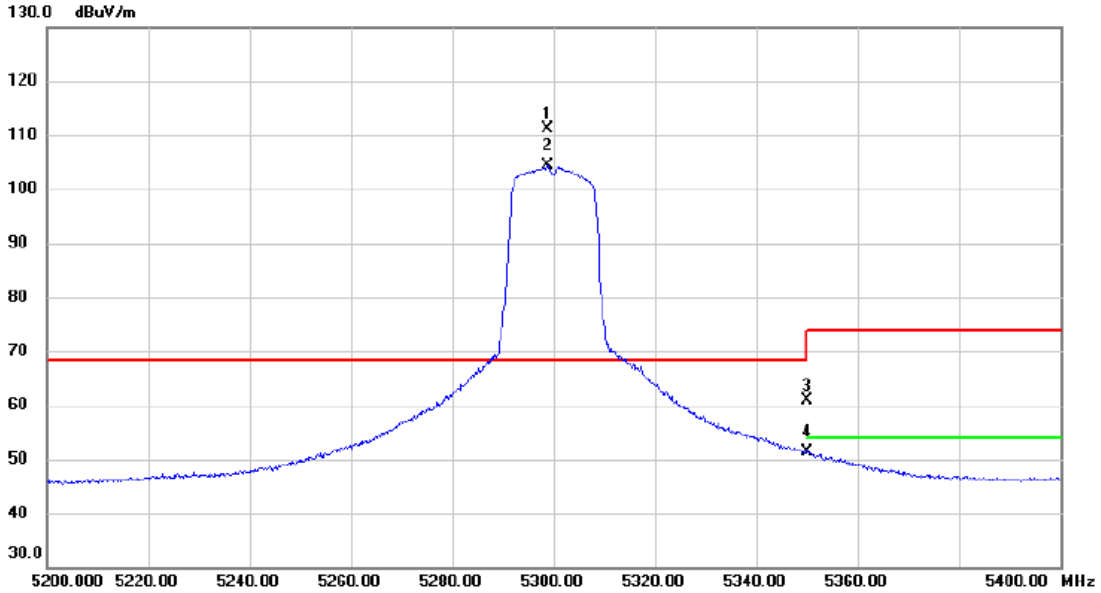


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.9630	32.76	13.66	46.42	54.00	-7.58	AVG	
2	10520.1180	45.10	13.66	58.76	68.30	-9.54	Peak	

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

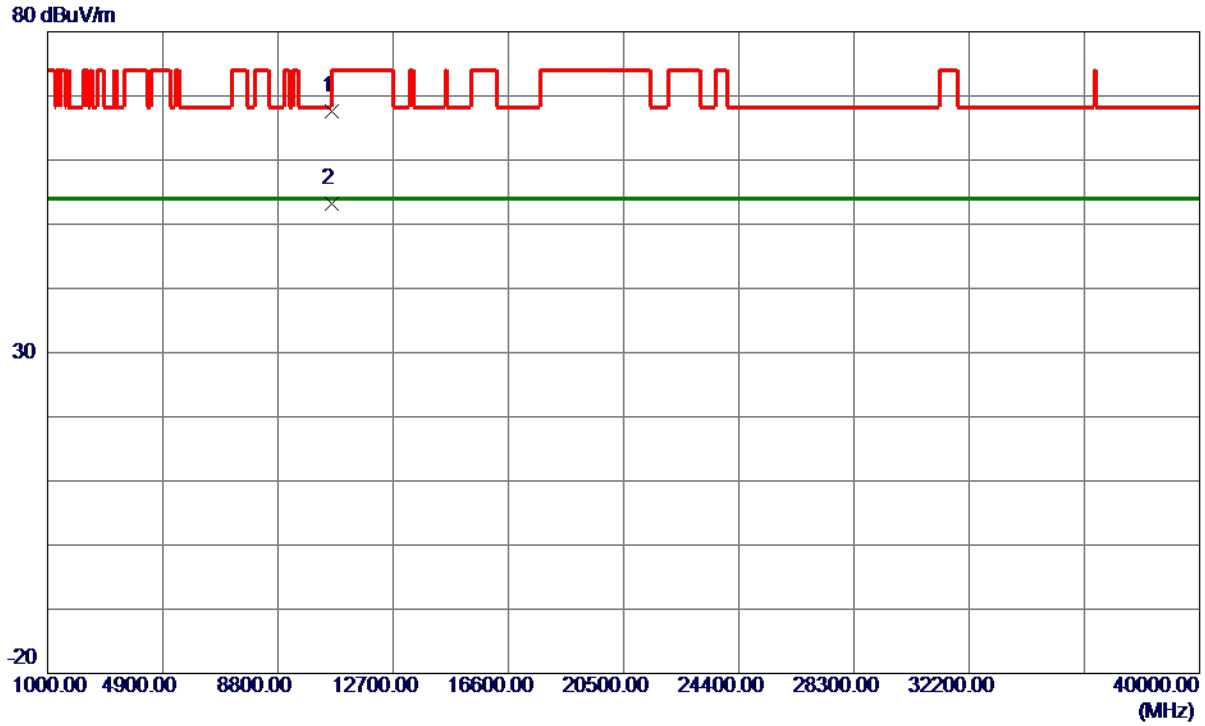


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5298.800	94.61	16.52	111.13	68.30	42.83	peak	No Limit
2	X	5298.800	87.78	16.52	104.30	68.30	36.00	AVG	No Limit
3		5350.000	44.37	16.63	61.00	74.00	-13.00	peak	
4		5350.000	34.87	16.63	51.50	54.00	-2.50	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 5300 MHz

Vertical

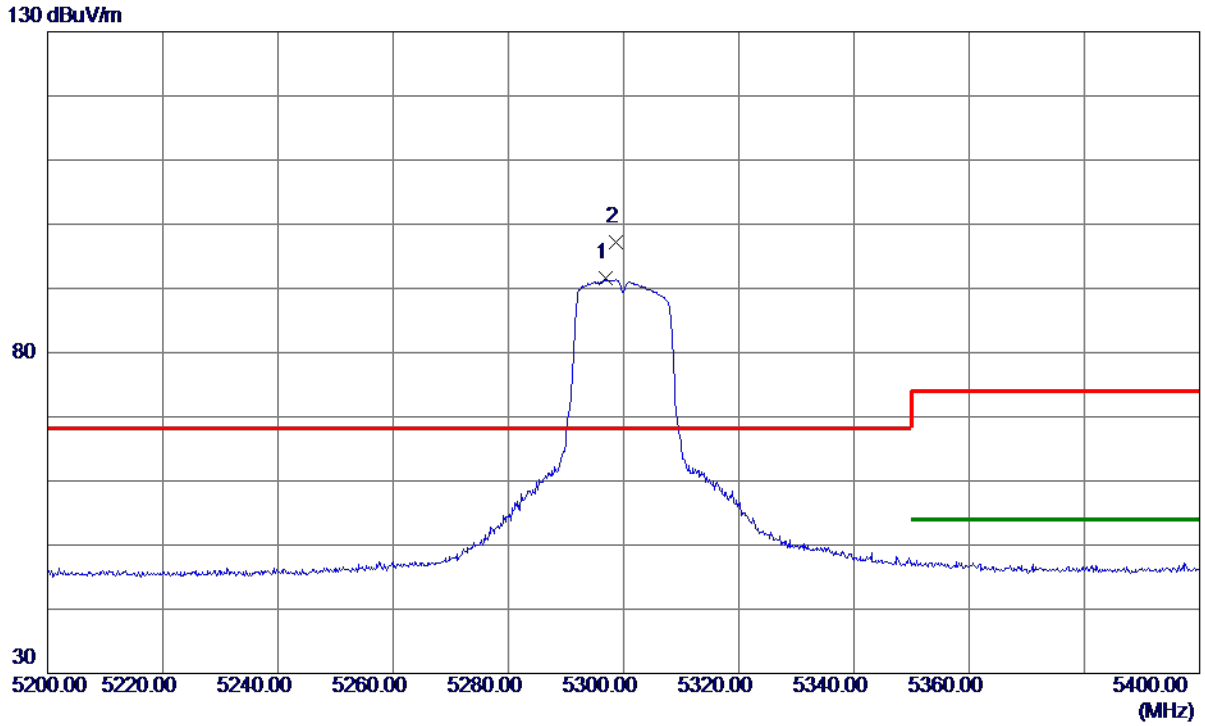


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.1880	53.98	13.70	67.68	68.30	-0.62	Peak	
2	10600.4100	39.59	13.70	53.29	54.00	-0.71	AVG	

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 5300 MHz

Horizontal

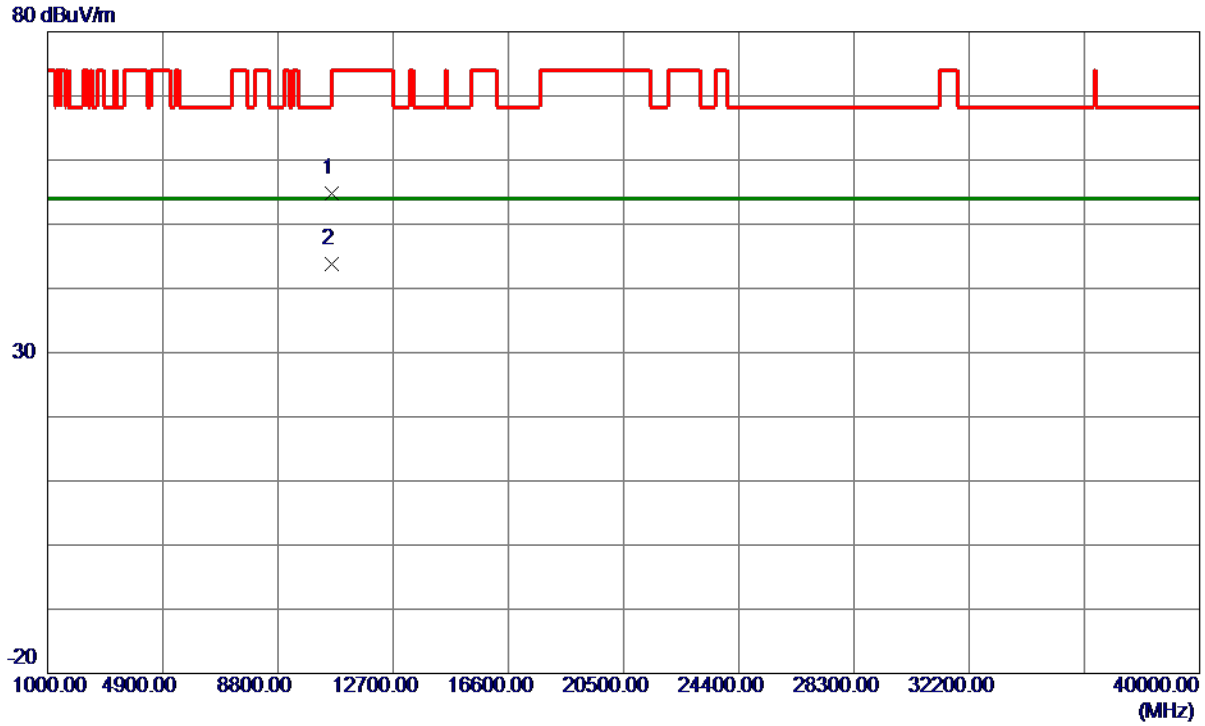


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5296.9000	75.02	16.50	91.52	999.00	-907.48	AVG	No Limit
2 *	5298.7000	80.67	16.51	97.18	68.30	28.88	Peak	No Limit

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

Horizontal

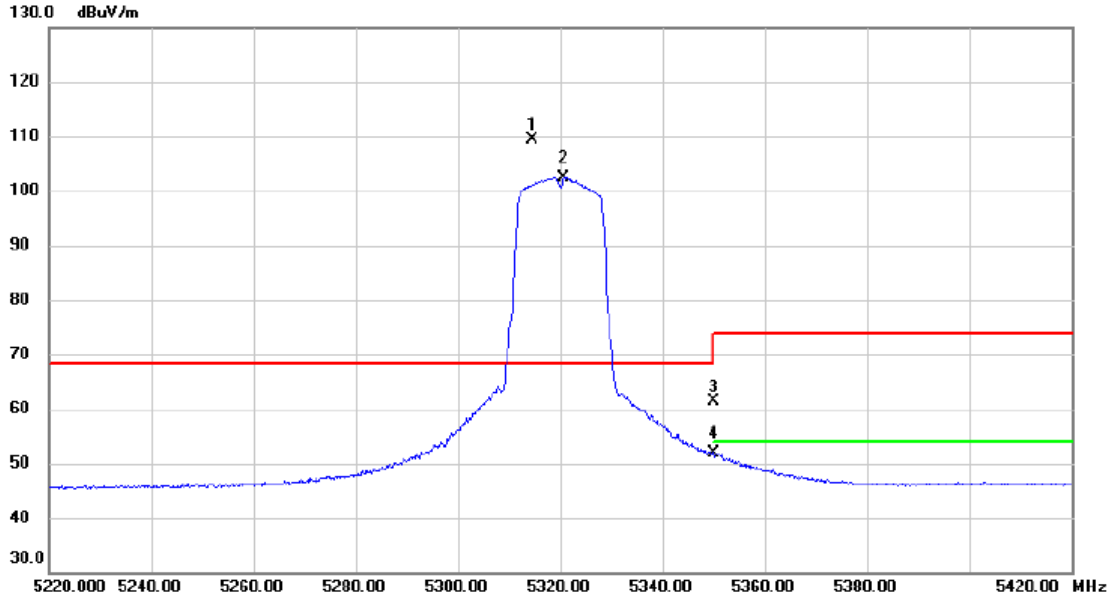


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.4580	41.11	13.70	54.81	68.30	-13.49	Peak	
2 *	10600.6560	30.12	13.70	43.82	54.00	-10.18	AVG	

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

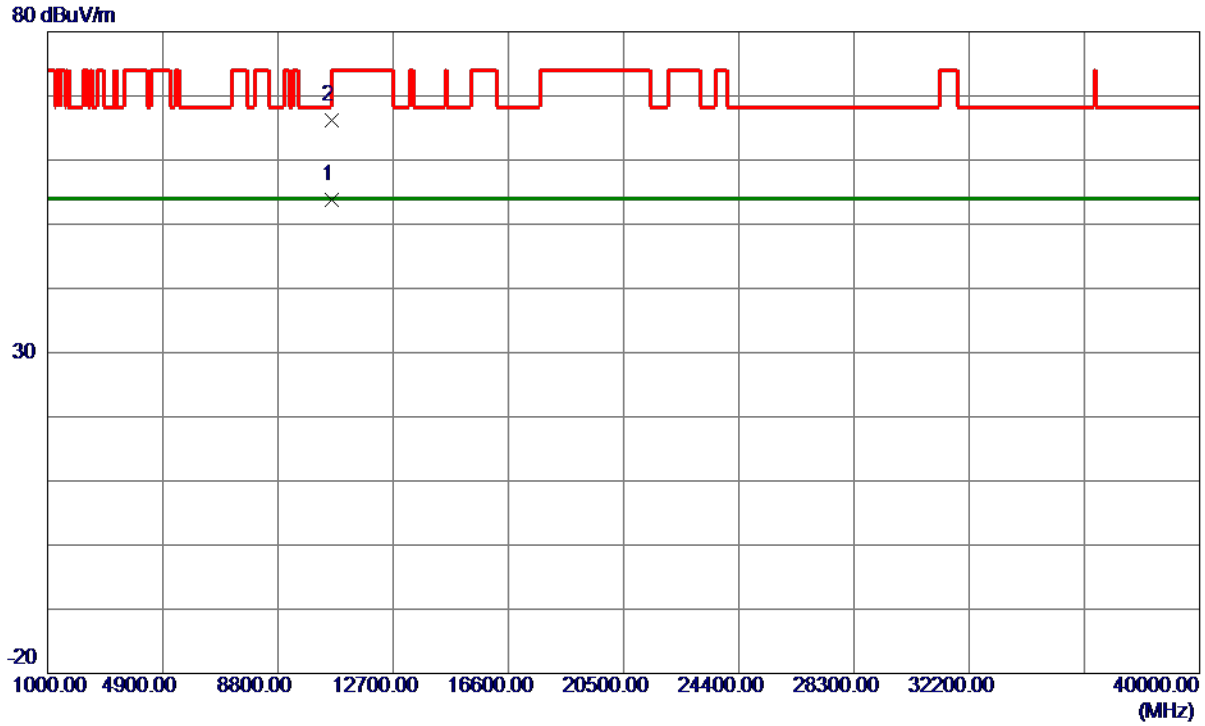


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5314.600	92.92	16.55	109.47	68.30	41.17	peak	No Limit
2	X	5320.700	85.87	16.56	102.43	68.30	34.13	AVG	No Limit
3		5350.000	44.63	16.63	61.26	74.00	-12.74	peak	
4		5350.000	35.34	16.63	51.97	54.00	-2.03	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

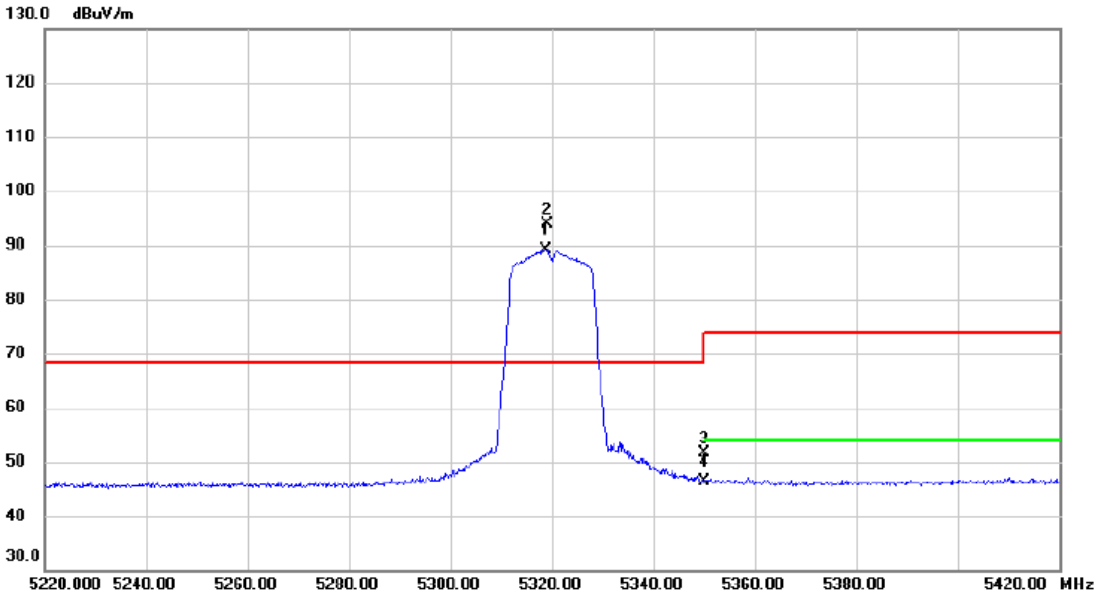


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10639.4070	40.06	13.72	53.78	54.00	-0.22	AVG	
2	10640.8970	52.56	13.72	66.28	74.00	-7.72	Peak	

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 5320 MHz

Horizontal

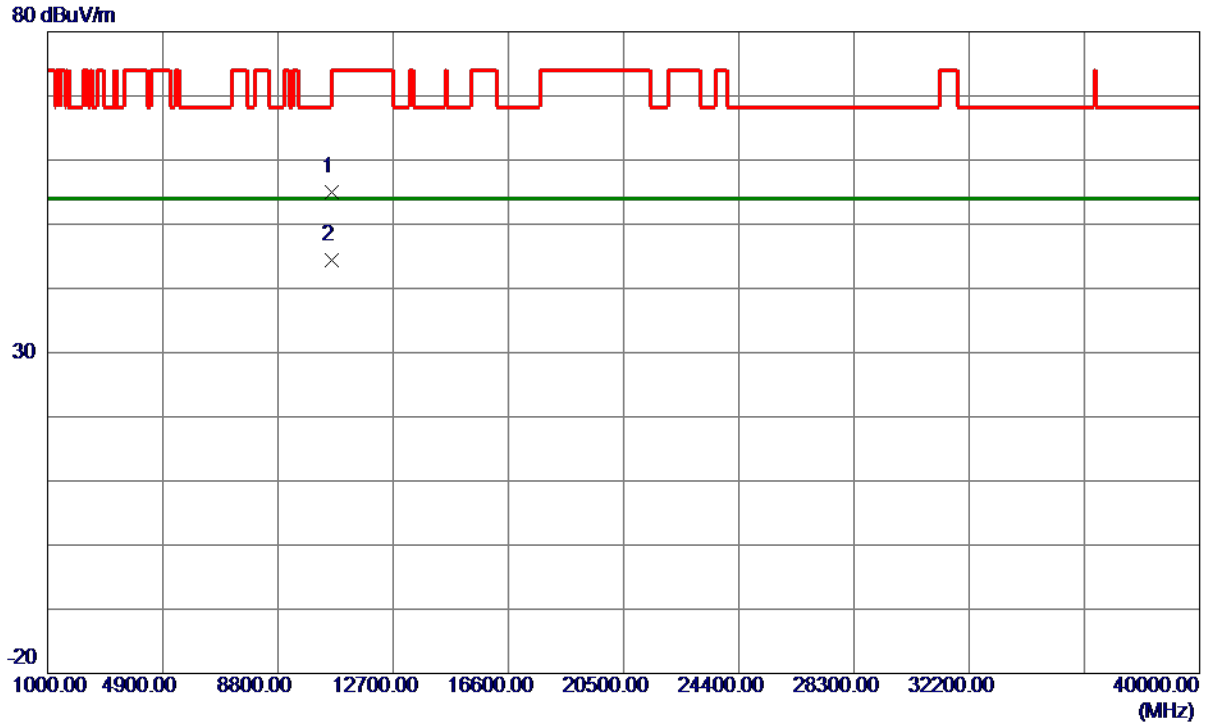


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5318.900	72.54	16.55	89.09	68.30	20.79	AVG	No Limit
2	*	5319.000	77.42	16.55	93.97	68.30	25.67	peak	No Limit
3		5350.000	34.89	16.63	51.52	74.00	-22.48	peak	
4		5350.000	29.83	16.63	46.46	54.00	-7.54	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

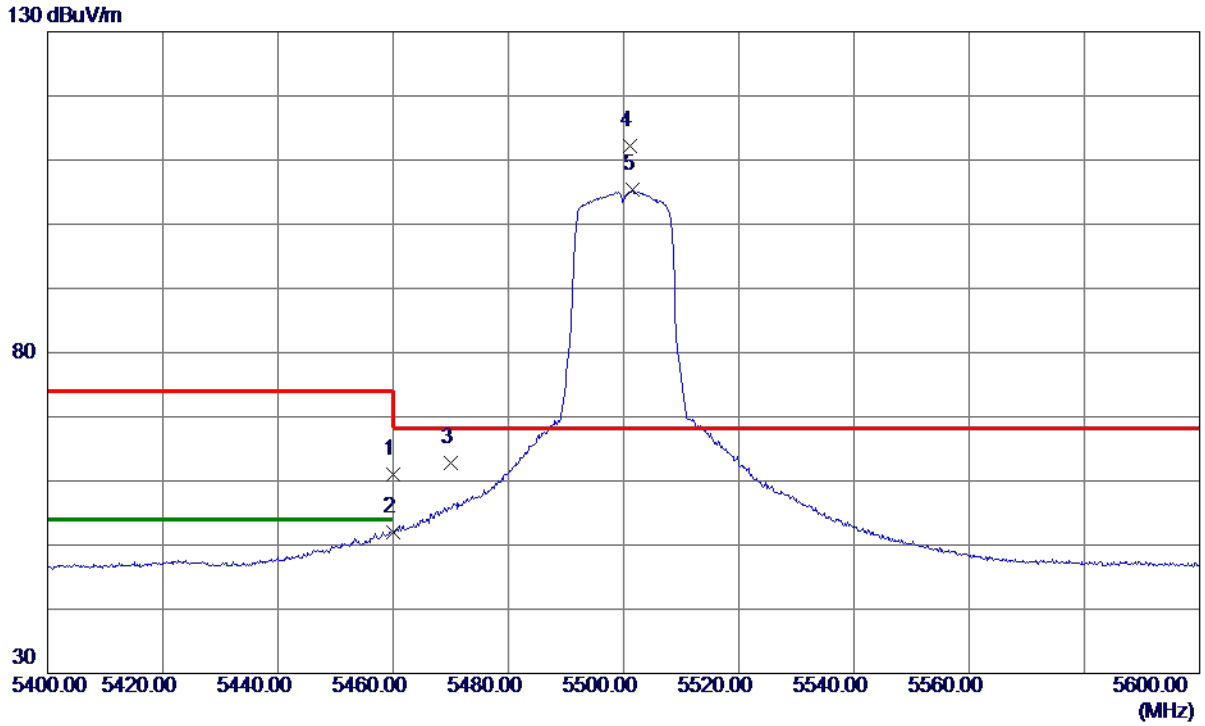


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10639.8140	41.22	13.72	54.94	74.00	-19.06	Peak	
2 *	10640.3780	30.74	13.72	44.46	54.00	-9.54	AVG	

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

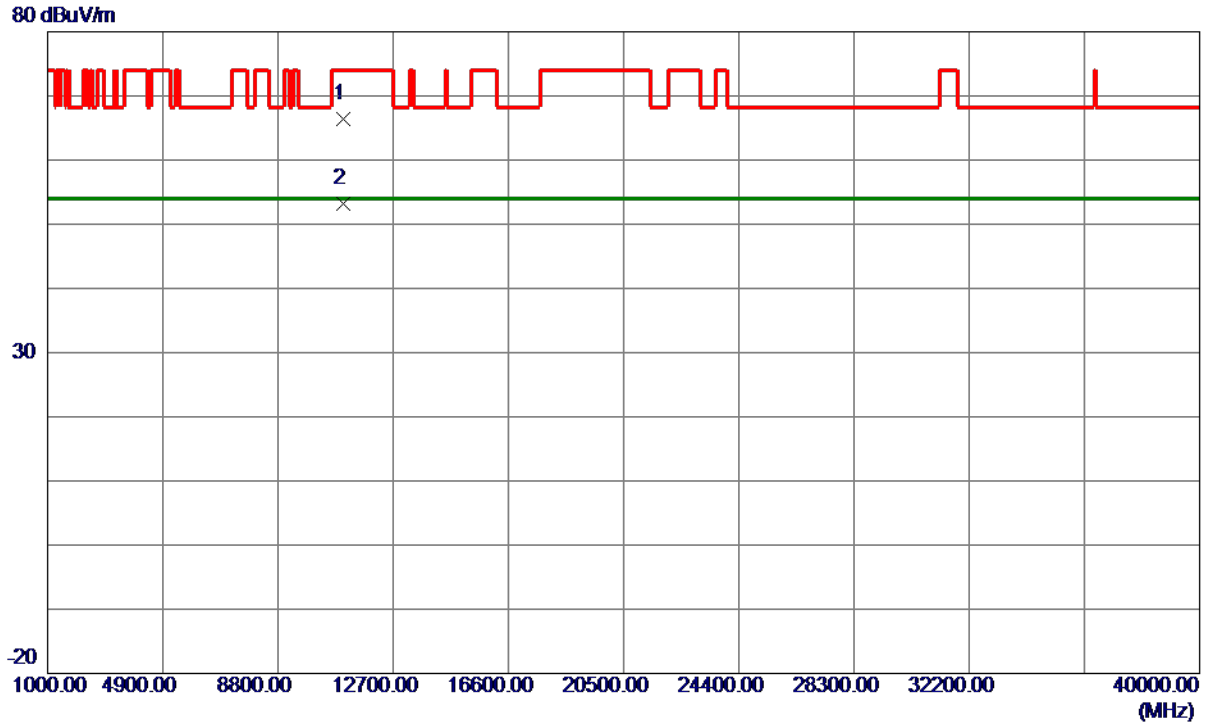


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	44.17	16.89	61.06	74.00	-12.94	Peak	
2	5460.0000	35.10	16.89	51.99	54.00	-2.01	AVG	
3	5470.0000	45.96	16.91	62.87	68.30	-5.43	Peak	
4 *	5501.1000	95.20	16.99	112.19	68.30	43.89	Peak	No Limit
5	5501.5000	88.33	16.99	105.32	999.00	-893.68	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

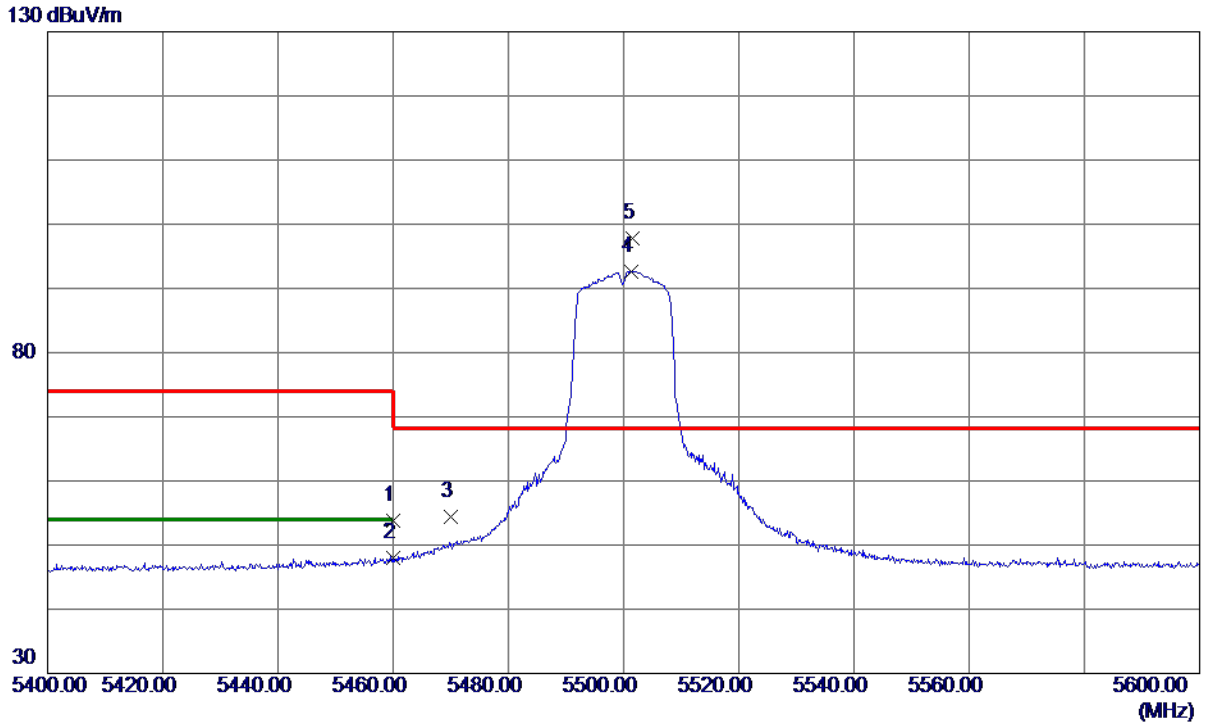


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11000.7750	52.45	13.92	66.37	74.00	-7.63	Peak	
2 *	11002.0400	39.23	13.92	53.15	54.00	-0.85	AVG	

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

Horizontal

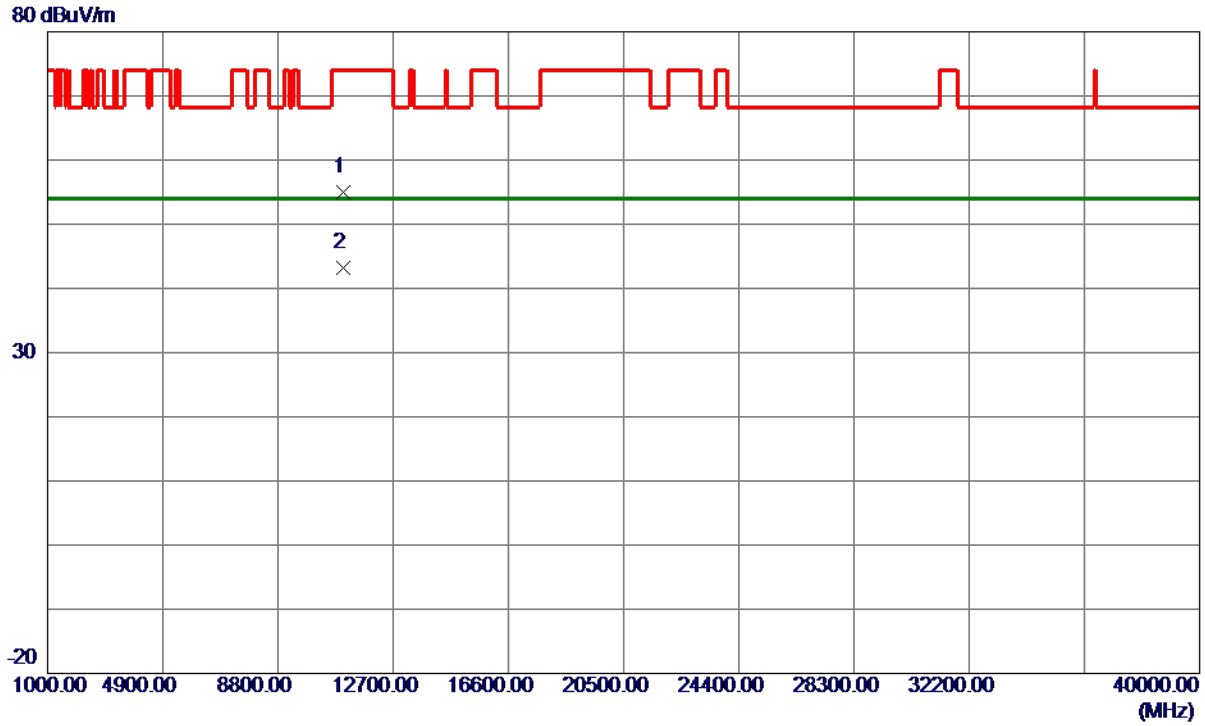


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	36.85	16.89	53.74	74.00	-20.26	Peak	
2	5460.0000	31.13	16.89	48.02	54.00	-5.98	AVG	
3	5470.0000	37.55	16.91	54.46	68.30	-13.84	Peak	
4	5501.3000	75.62	16.99	92.61	999.00	-906.39	AVG	No Limit
5 *	5501.5000	80.87	16.99	97.86	68.30	29.56	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

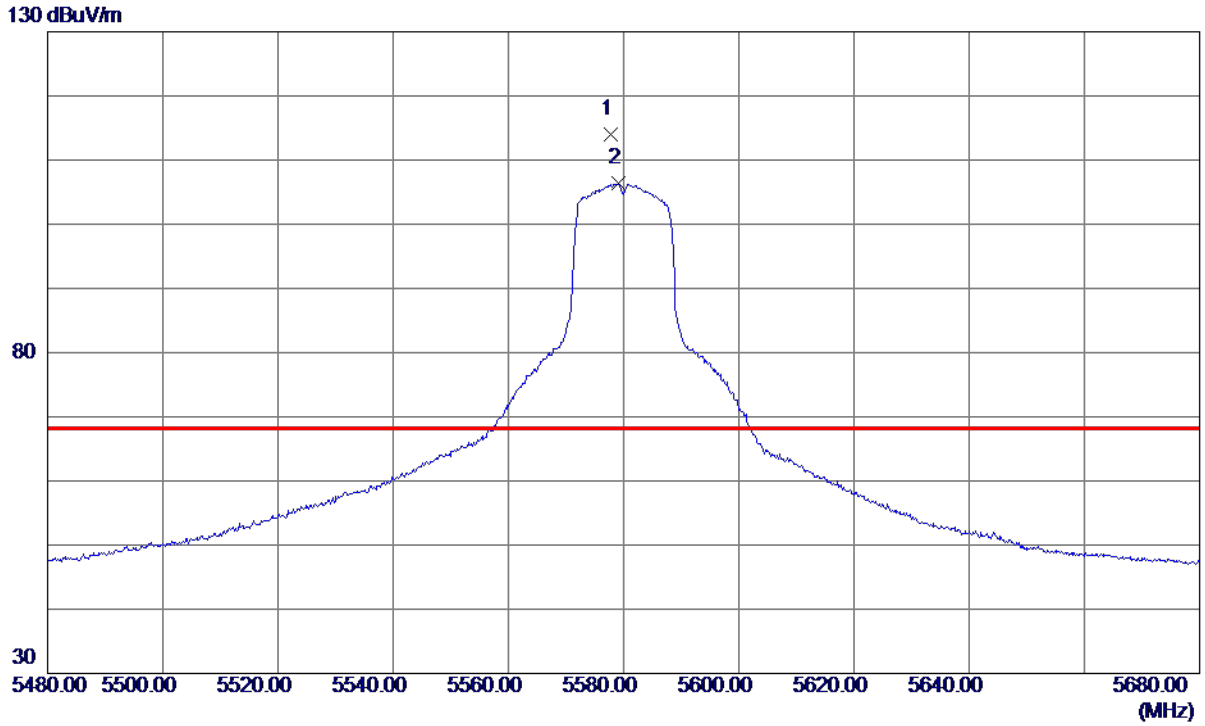


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10999.6580	41.13	13.92	55.05	74.00	-18.95	Peak	
2 *	11000.7060	29.36	13.92	43.28	54.00	-10.72	AVG	

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 5580 MHz

Vertical

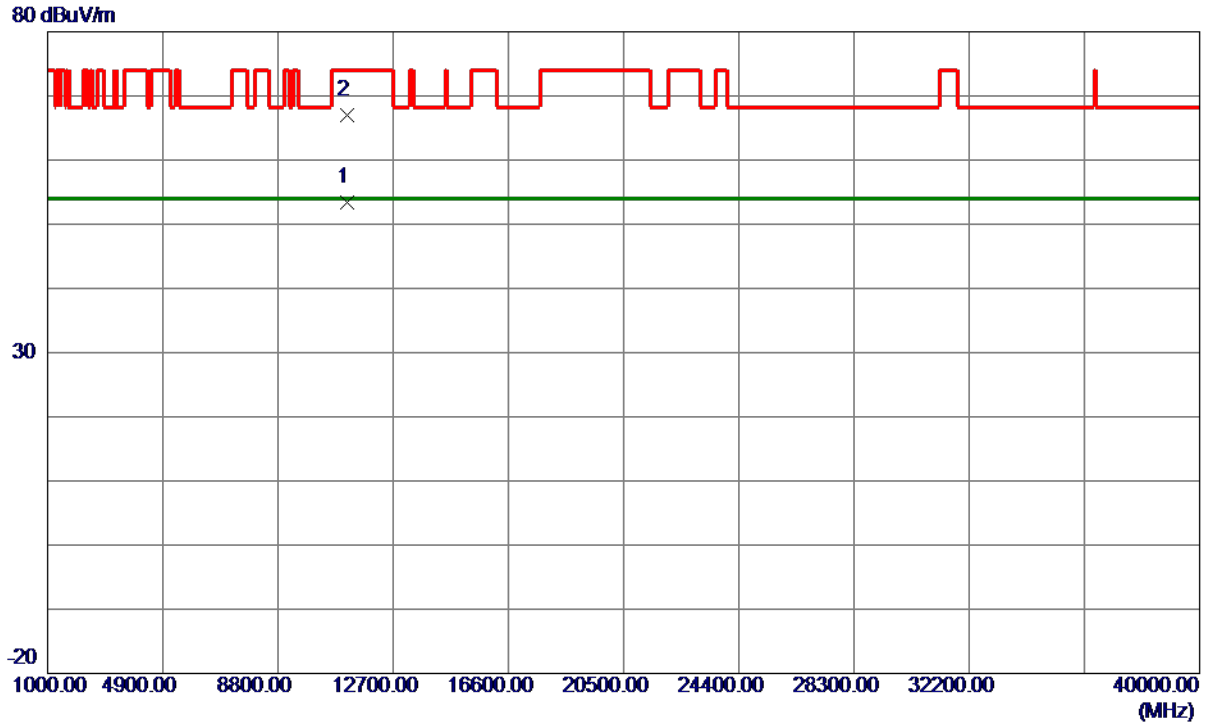


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5577.7000	96.72	17.22	113.94	68.30	45.64	Peak	No Limit
2	5579.1000	89.11	17.22	106.33	999.00	-892.67	AVG	No Limit

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

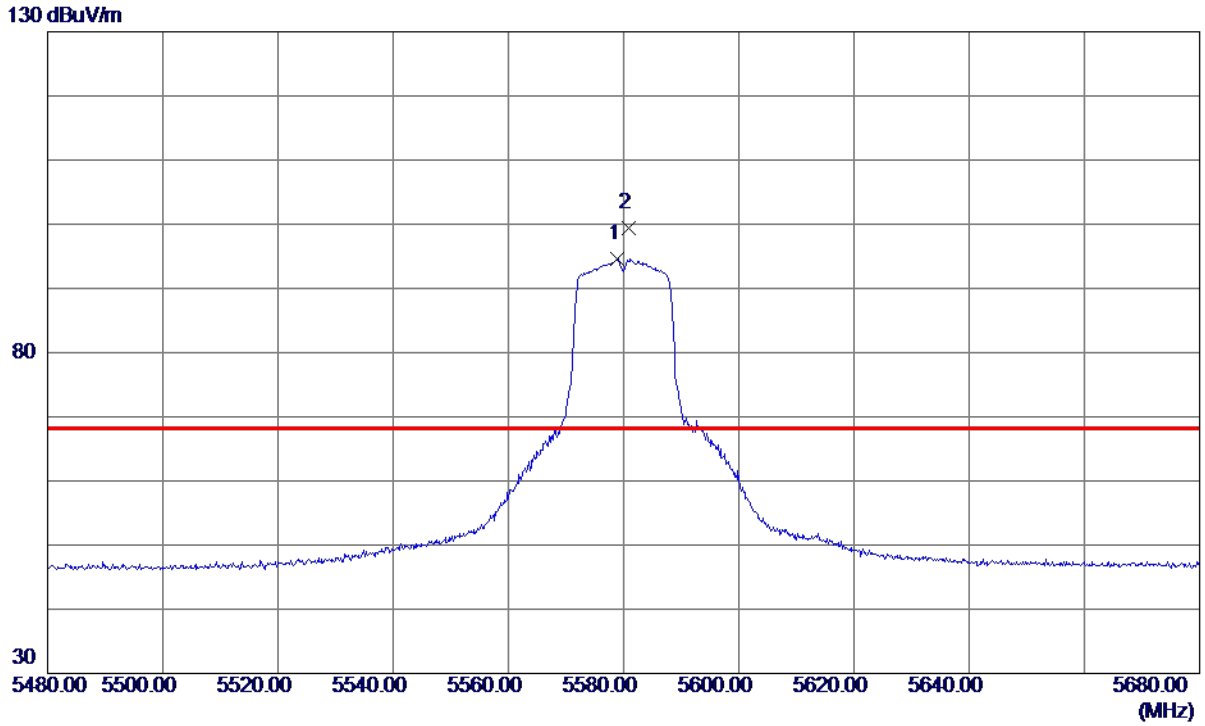


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11158.2920	39.31	14.12	53.43	54.00	-0.57	AVG	
2	11158.6849	52.96	14.12	67.08	74.00	-6.92	Peak	

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

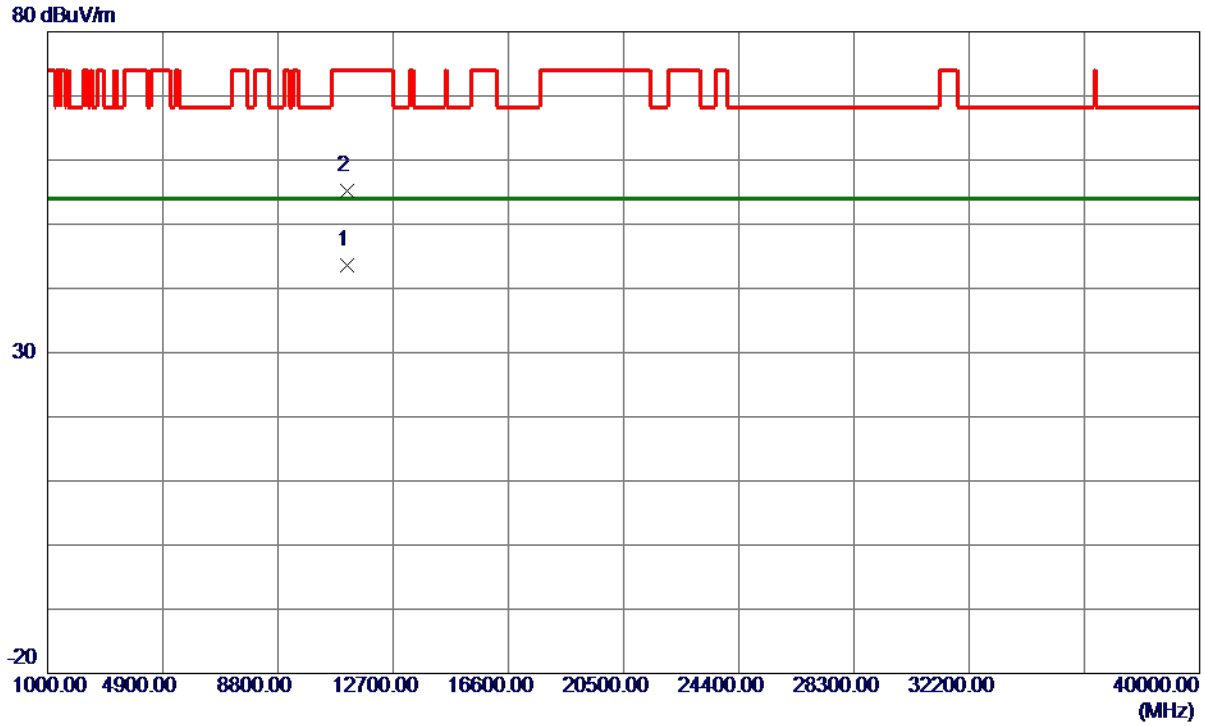


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5579.0000	77.37	17.22	94.59	999.00	-904.41	AVG	No Limit
2 *	5580.9000	82.13	17.23	99.36	68.30	31.06	Peak	No Limit

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

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

Horizontal

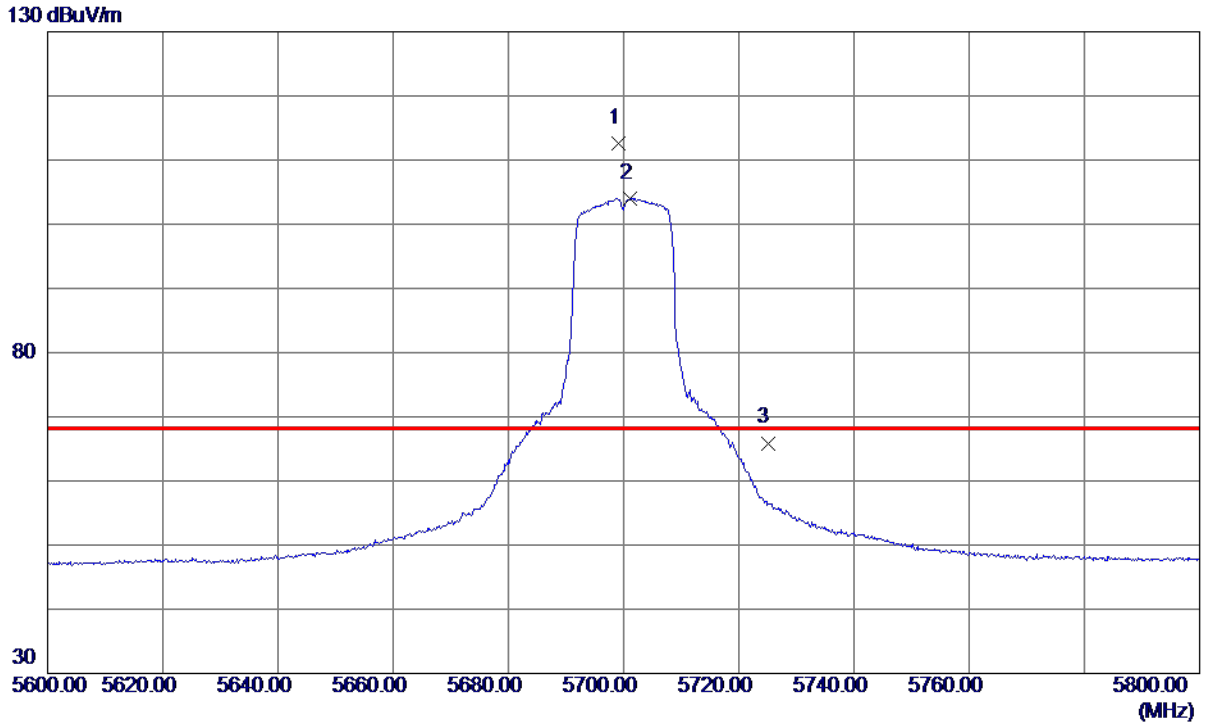


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11159.7820	29.54	14.13	43.67	54.00	-10.33	AVG	
2	11160.0060	41.15	14.13	55.28	74.00	-18.72	Peak	

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

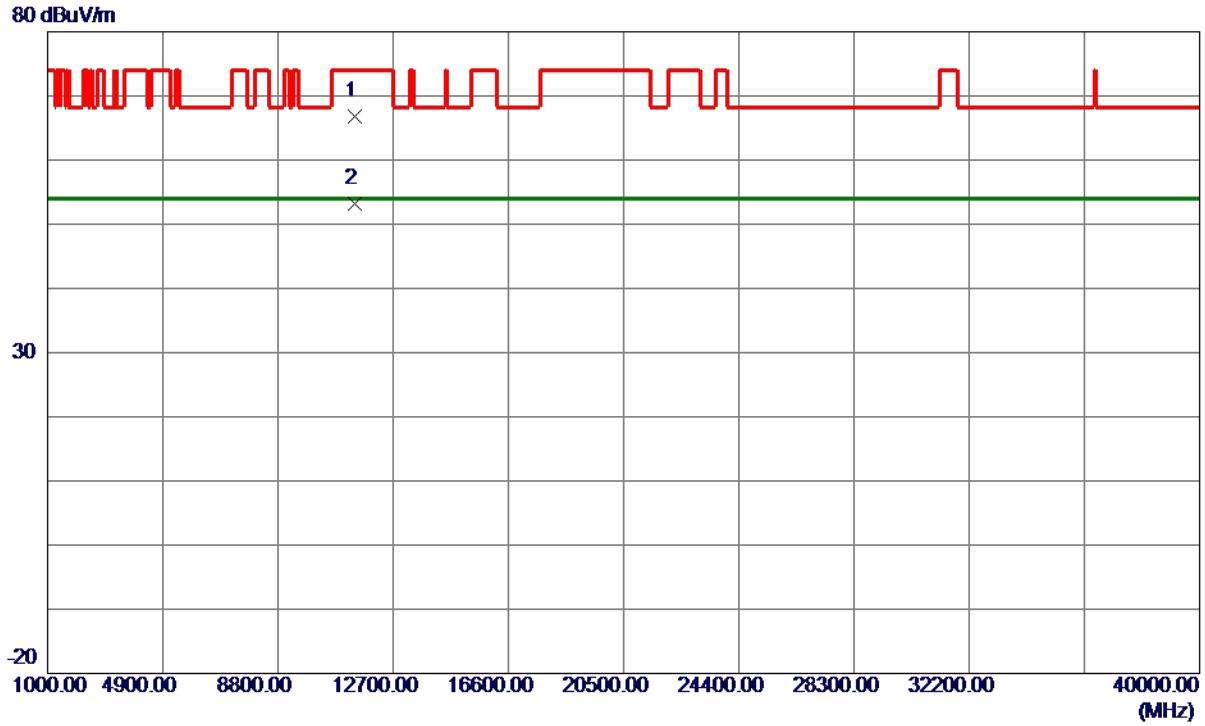


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5699.1000	95.03	17.58	112.61	68.30	44.31	Peak	No Limit
2	5701.2000	86.48	17.58	104.06	999.00	-894.94	AVG	No Limit
3	5725.0000	48.25	17.65	65.90	68.30	-2.40	Peak	

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

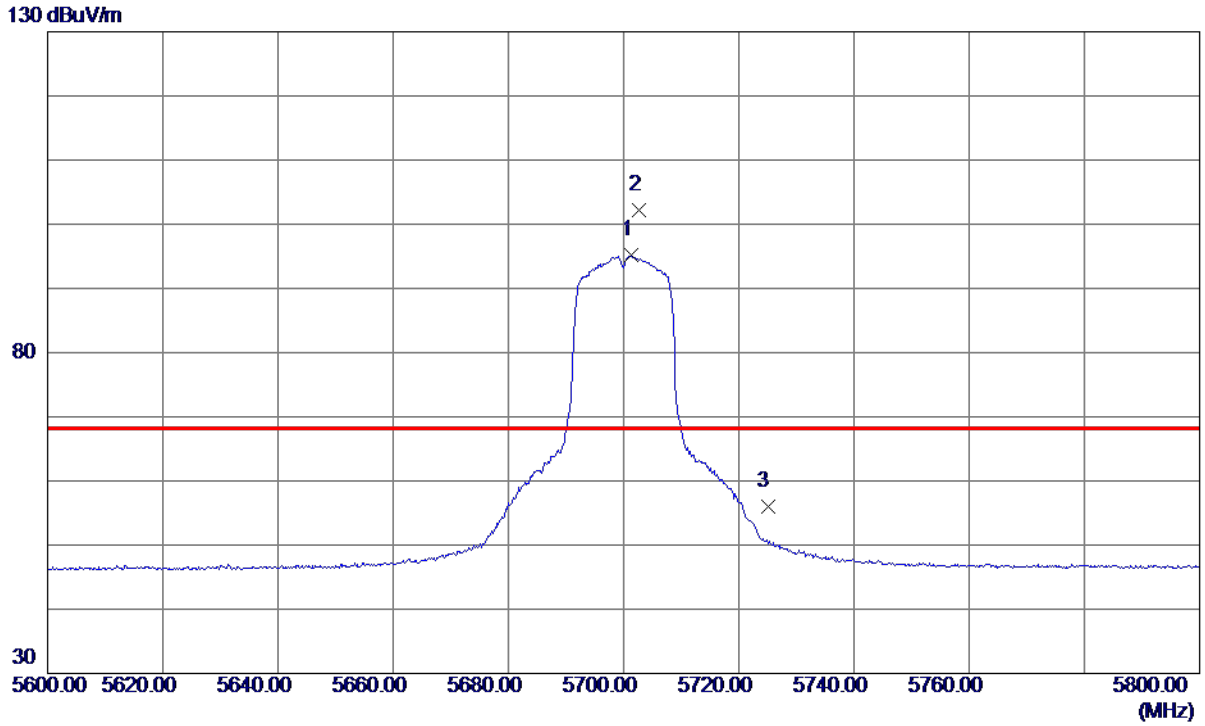


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11398.5599	52.38	14.43	66.81	74.00	-7.19	Peak	
2 *	11399.1529	38.75	14.43	53.18	54.00	-0.82	AVG	

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 5700 MHz

Horizontal

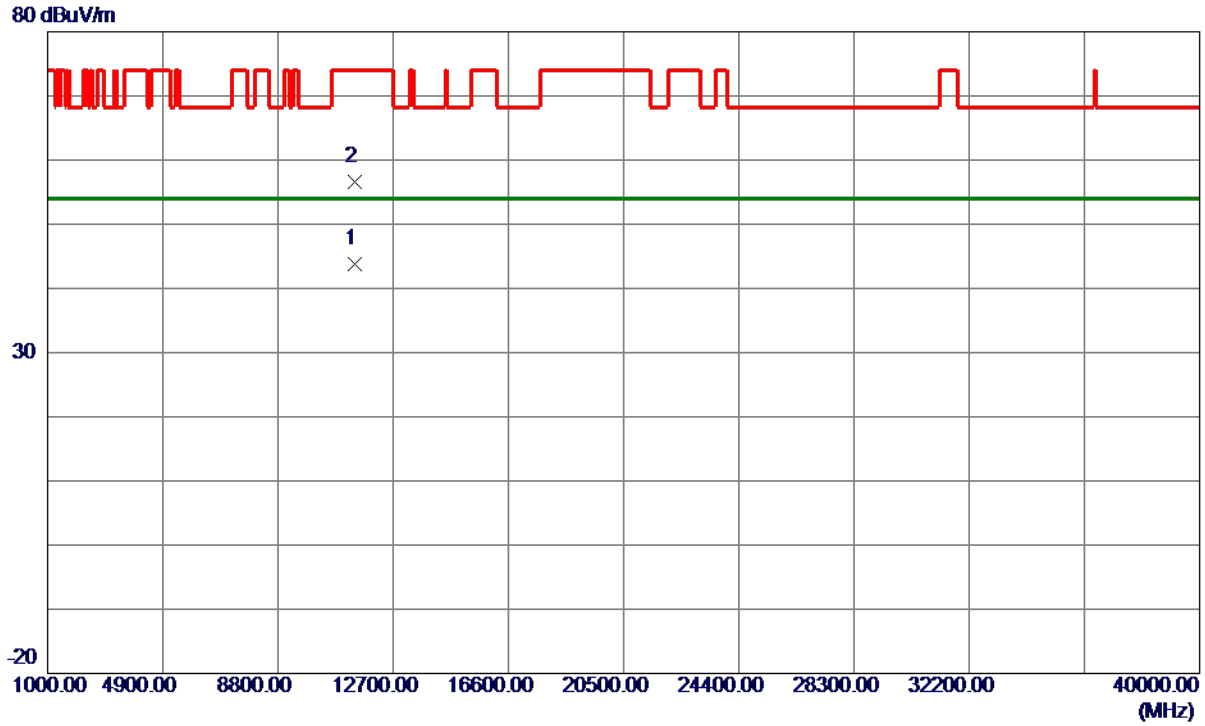


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5701.4000	77.54	17.58	95.12	999.00	-903.88	AVG	No Limit
2 *	5702.6000	84.54	17.59	102.13	68.30	33.83	Peak	No Limit
3	5725.0000	38.38	17.65	56.03	68.30	-12.27	Peak	

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

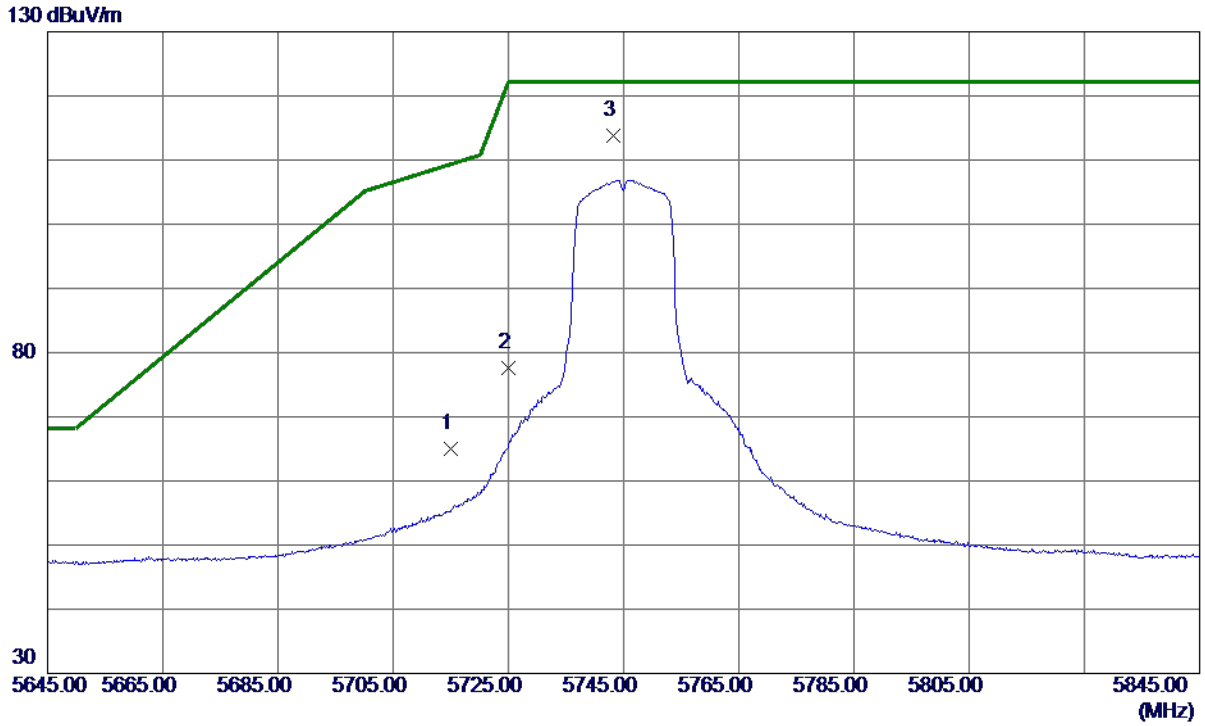


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11399.3480	29.32	14.44	43.76	54.00	-10.24	AVG	
2	11399.8240	42.11	14.44	56.55	74.00	-17.45	Peak	

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

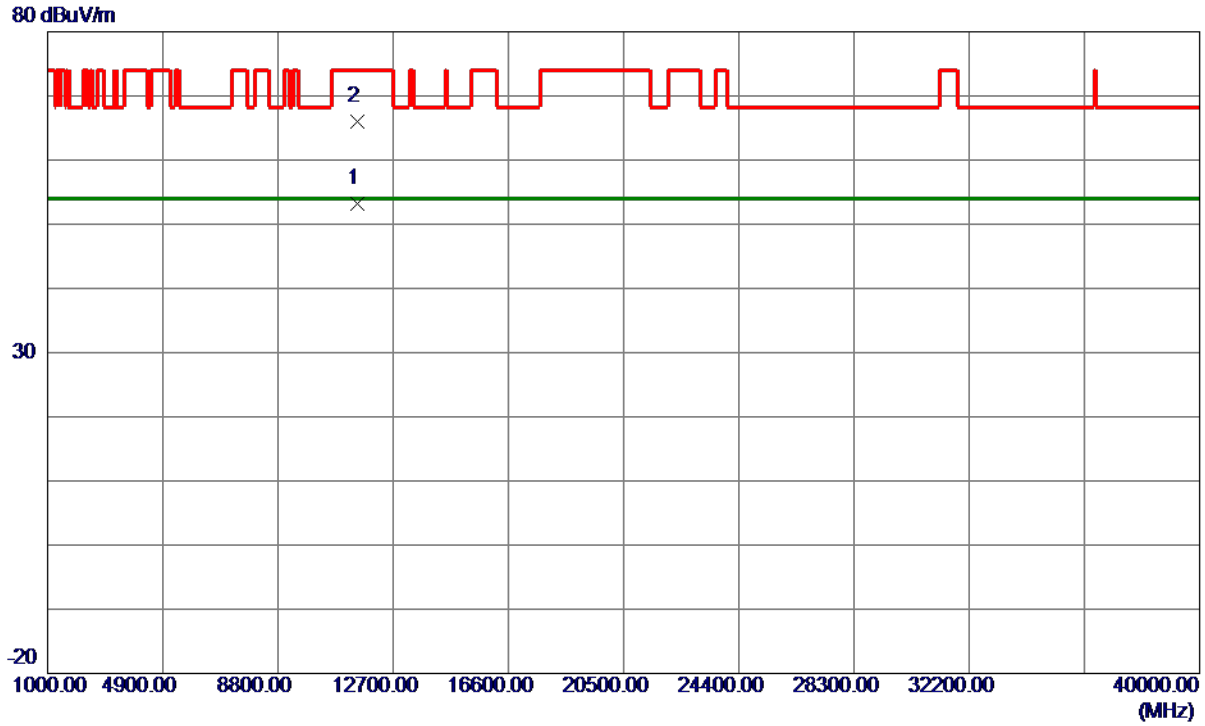


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	47.43	17.62	65.05	109.40	-44.35	Peak	
2	5725.0000	59.94	17.65	77.59	122.20	-44.61	Peak	
3 *	5743.2000	96.00	17.71	113.71	122.20	-8.49	Peak	

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

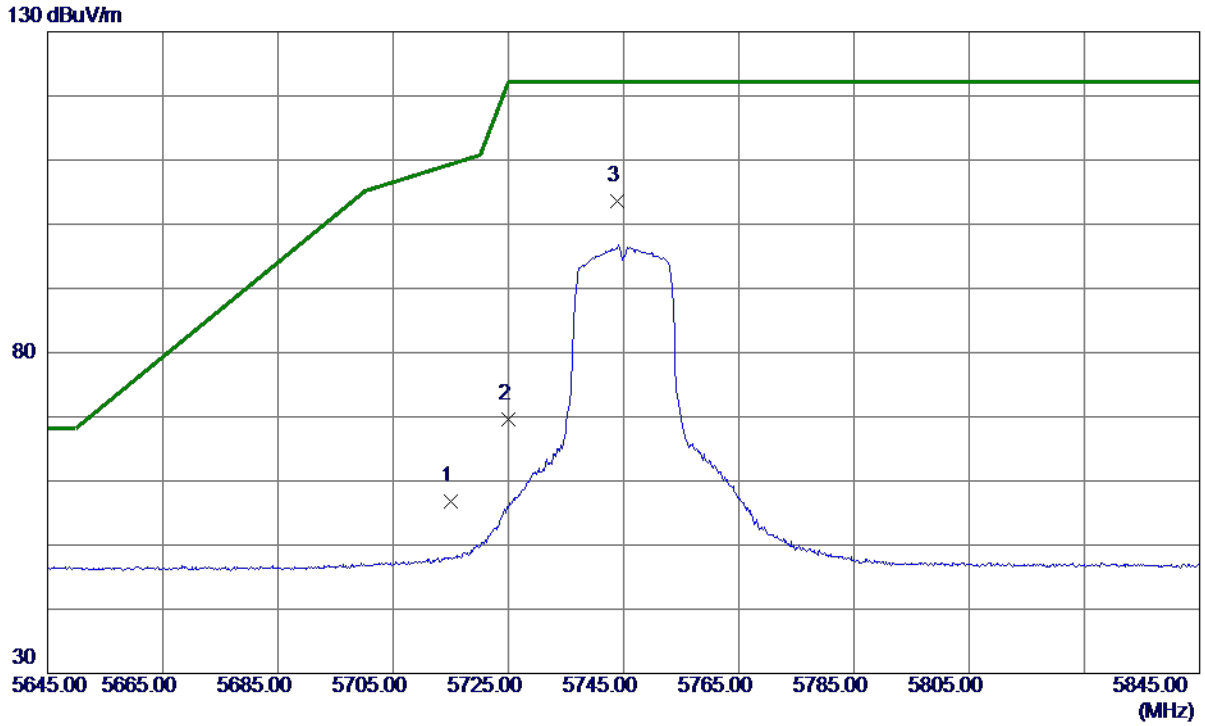


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11489.4520	38.65	14.55	53.20	54.00	-0.80	AVG	
2	11492.0580	51.51	14.55	66.06	74.00	-7.94	Peak	

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

Horizontal

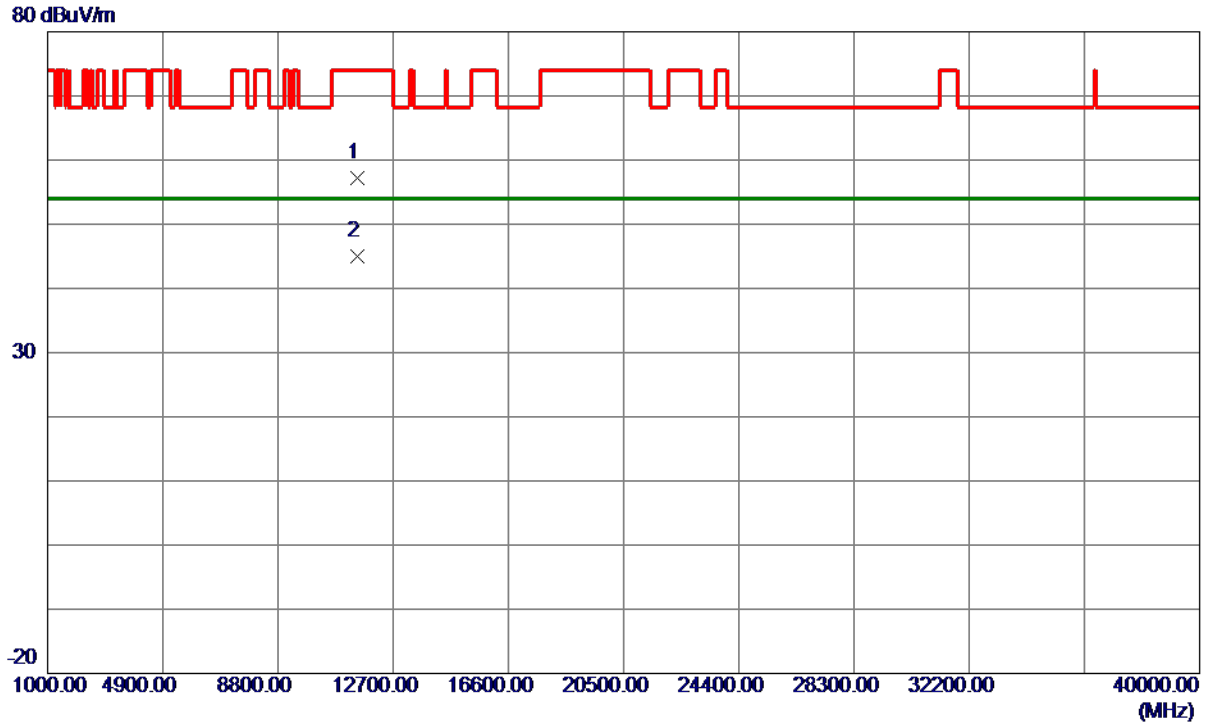


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	39.16	17.62	56.78	109.40	-52.62	Peak	
2	5725.0000	51.94	17.65	69.59	122.20	-52.61	Peak	
3 *	5743.8000	85.87	17.71	103.58	122.20	-18.62	Peak	

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

Horizontal

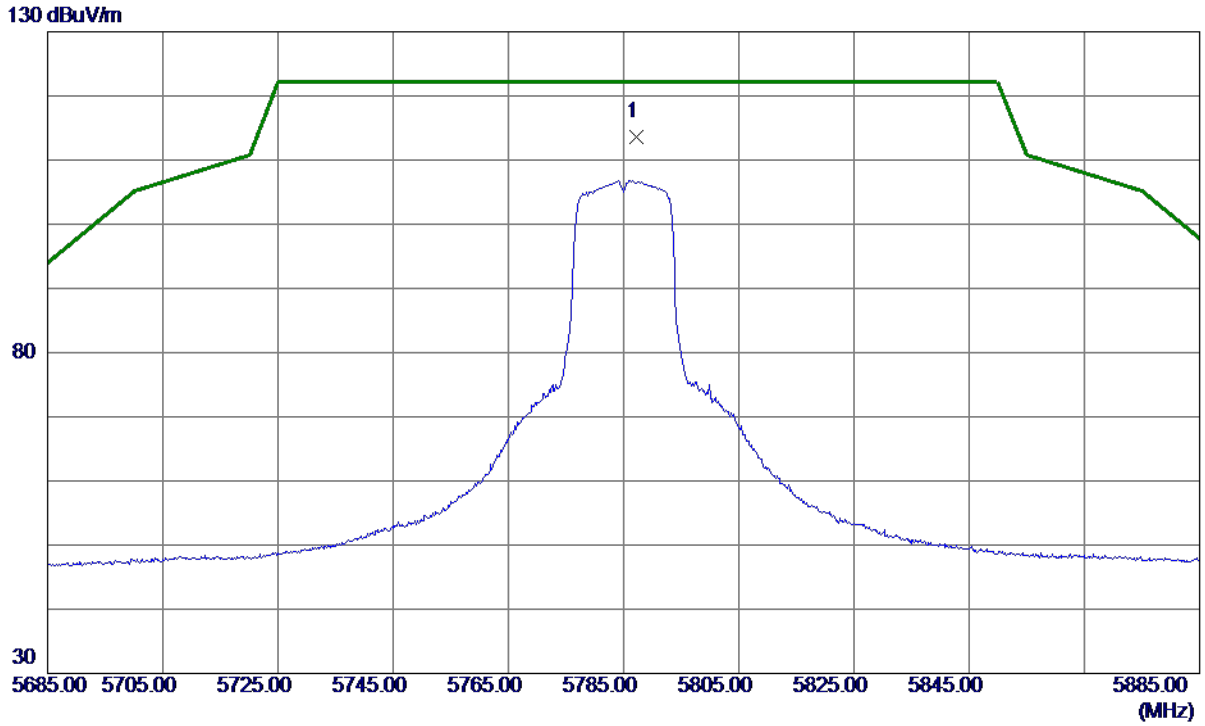


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.6940	42.62	14.55	57.17	74.00	-16.83	Peak	
2 *	11490.6240	30.53	14.55	45.08	54.00	-8.92	AVG	

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

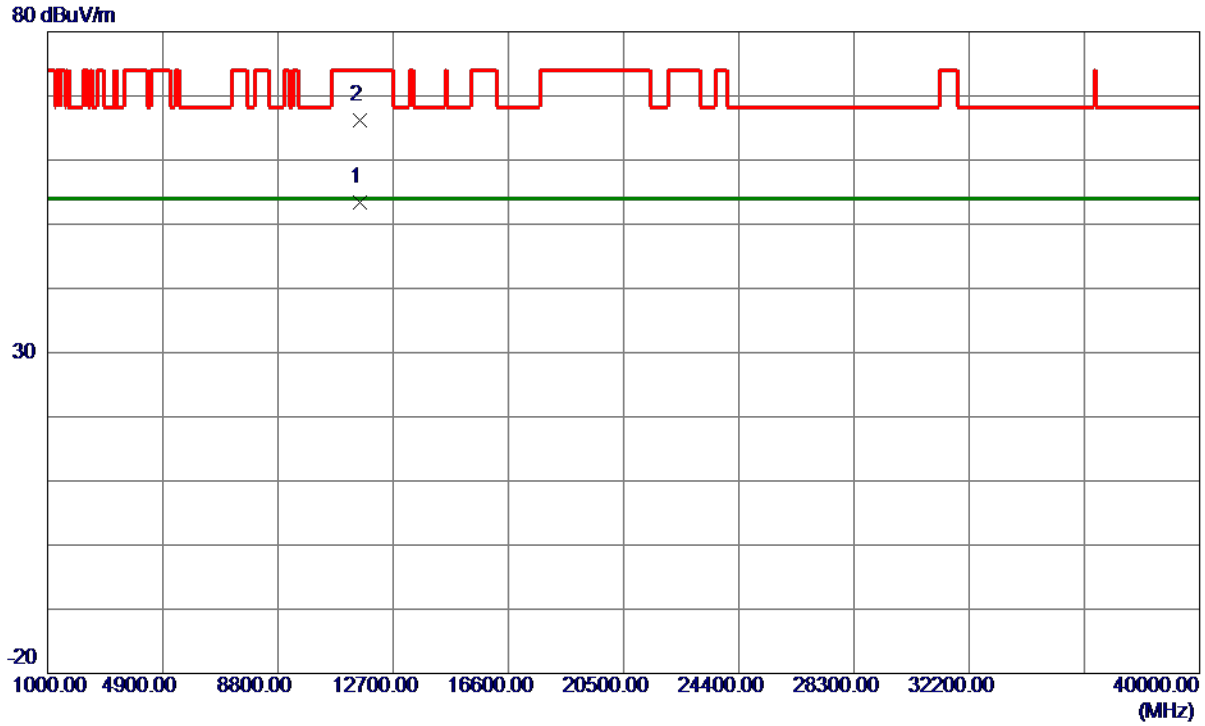


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5787.2000	95.72	17.84	113.56	122.20	-8.64	Peak	

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

Vertical

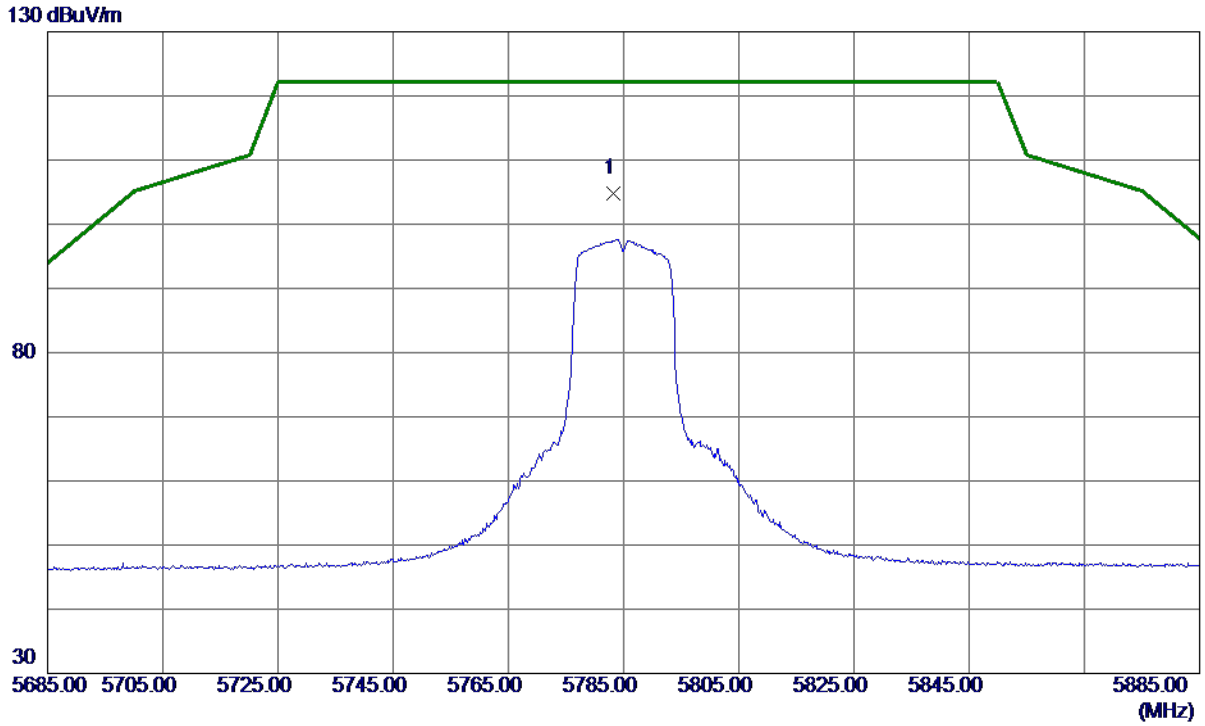


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.2120	38.87	14.57	53.44	54.00	-0.56	AVG	
2	11570.2370	51.62	14.57	66.19	74.00	-7.81	Peak	

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

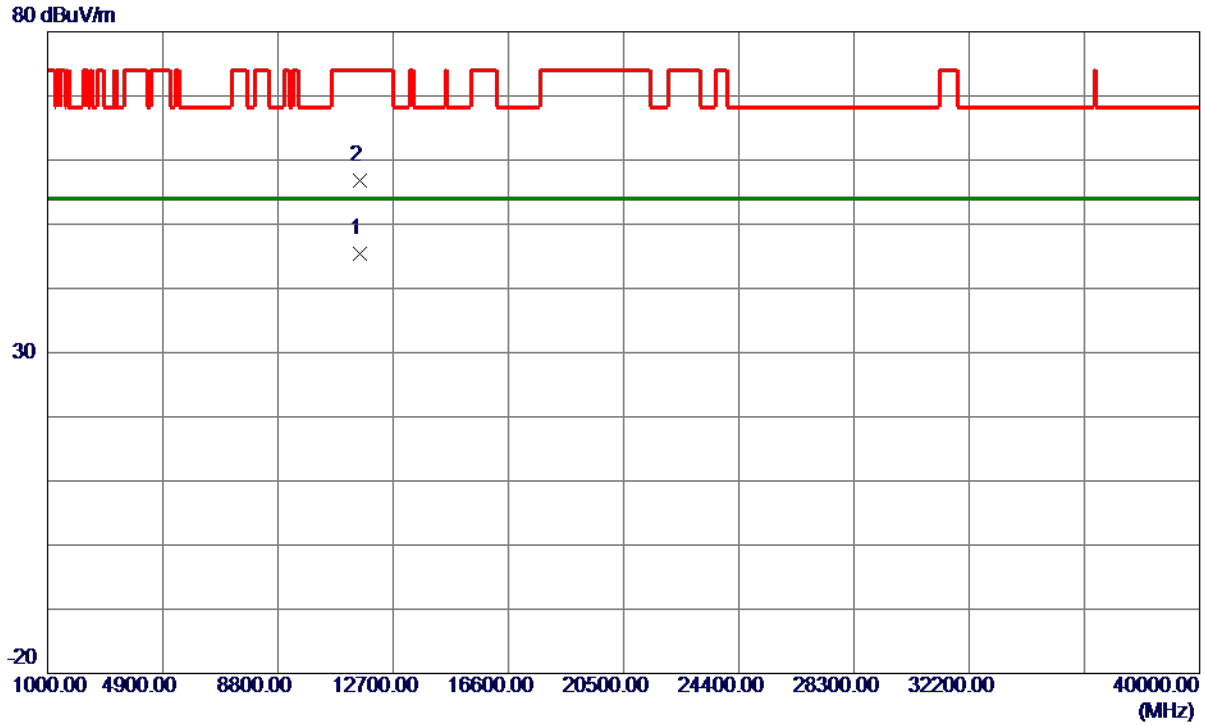


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5783.2000	86.96	17.83	104.79	122.20	-17.41	Peak	

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

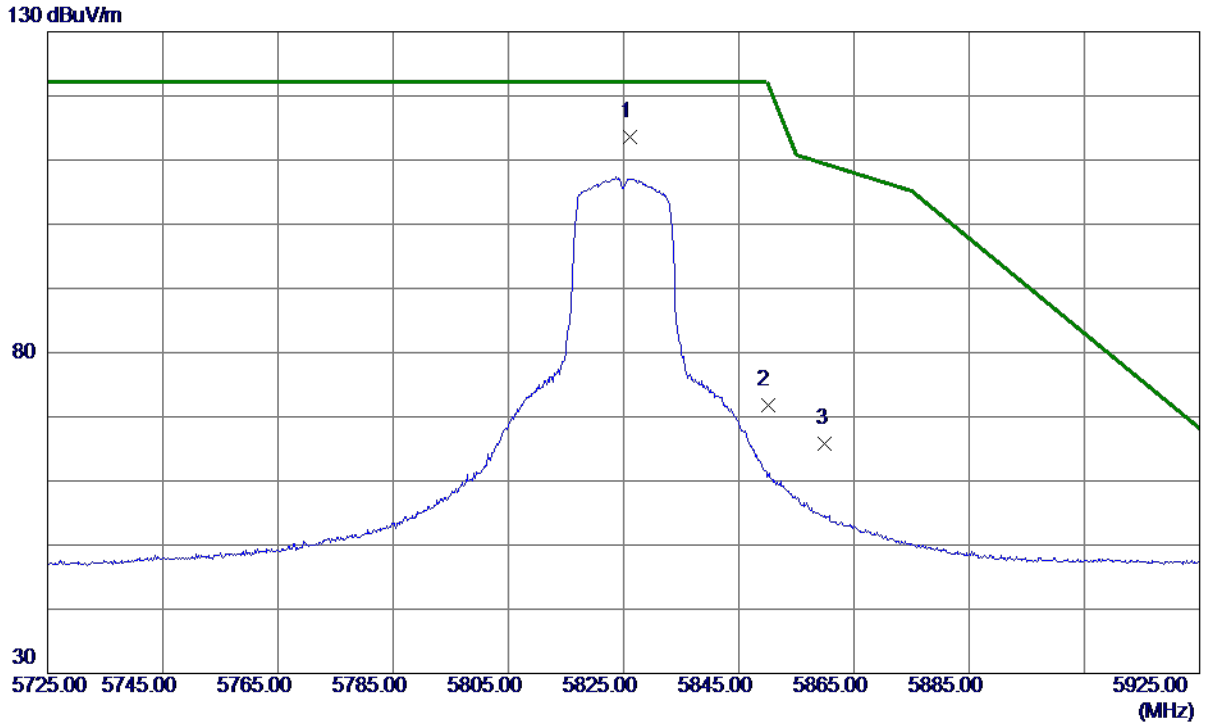


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.0500	30.88	14.57	45.45	54.00	-8.55	AVG	
2	11569.3080	42.21	14.57	56.78	74.00	-17.22	Peak	

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

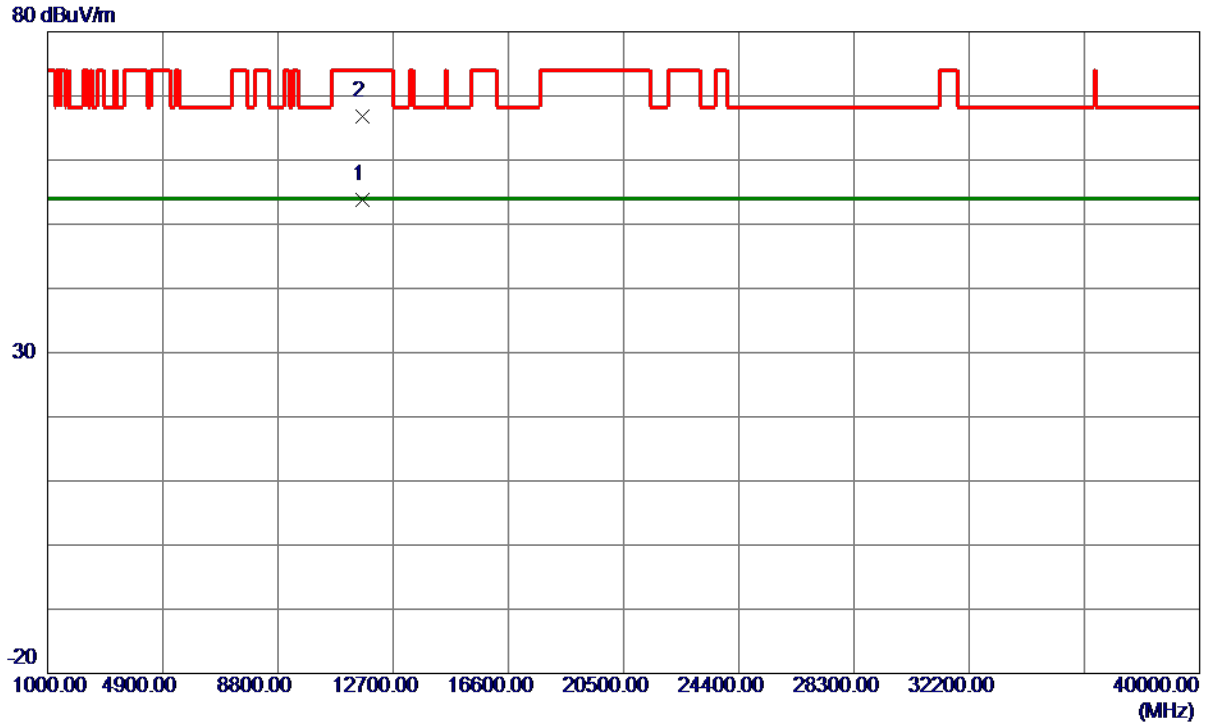


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5826.1000	95.74	17.95	113.69	122.20	-8.51	Peak	
2	5850.0000	53.75	18.02	71.77	122.20	-50.43	Peak	
3	5860.0000	47.78	18.05	65.83	109.40	-43.57	Peak	

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

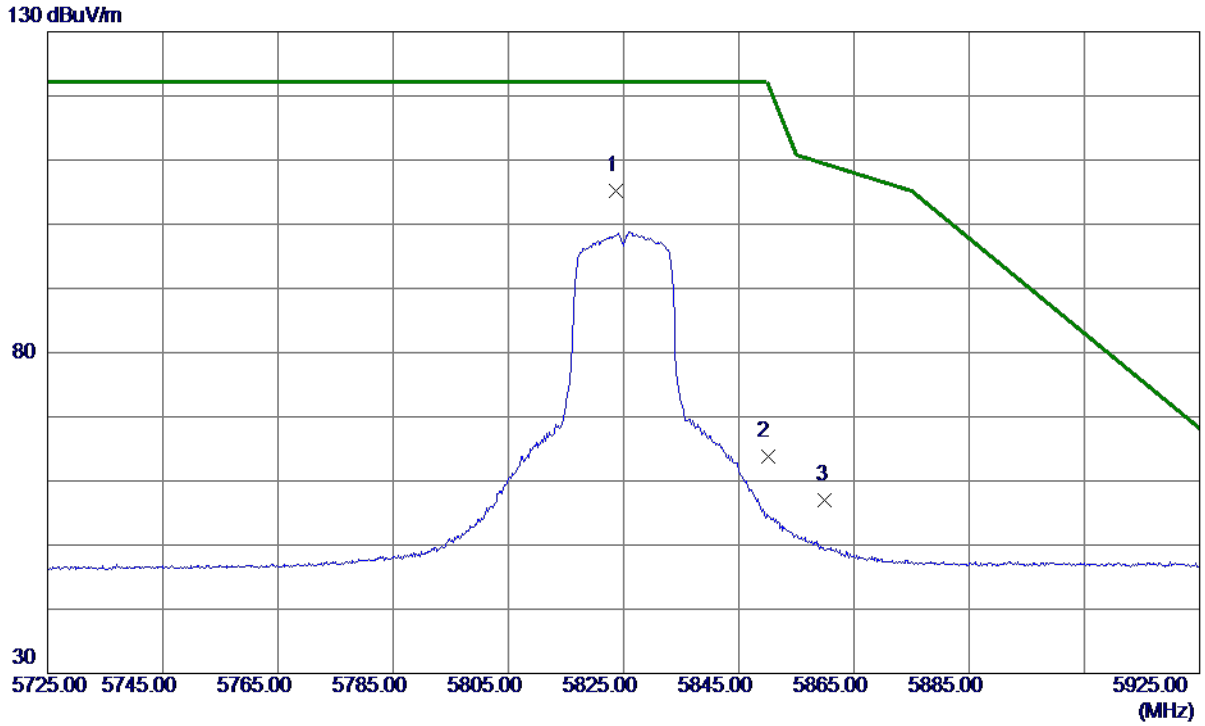


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11648.7470	39.16	14.57	53.73	54.00	-0.27	AVG	
2	11651.3780	52.18	14.57	66.75	74.00	-7.25	Peak	

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

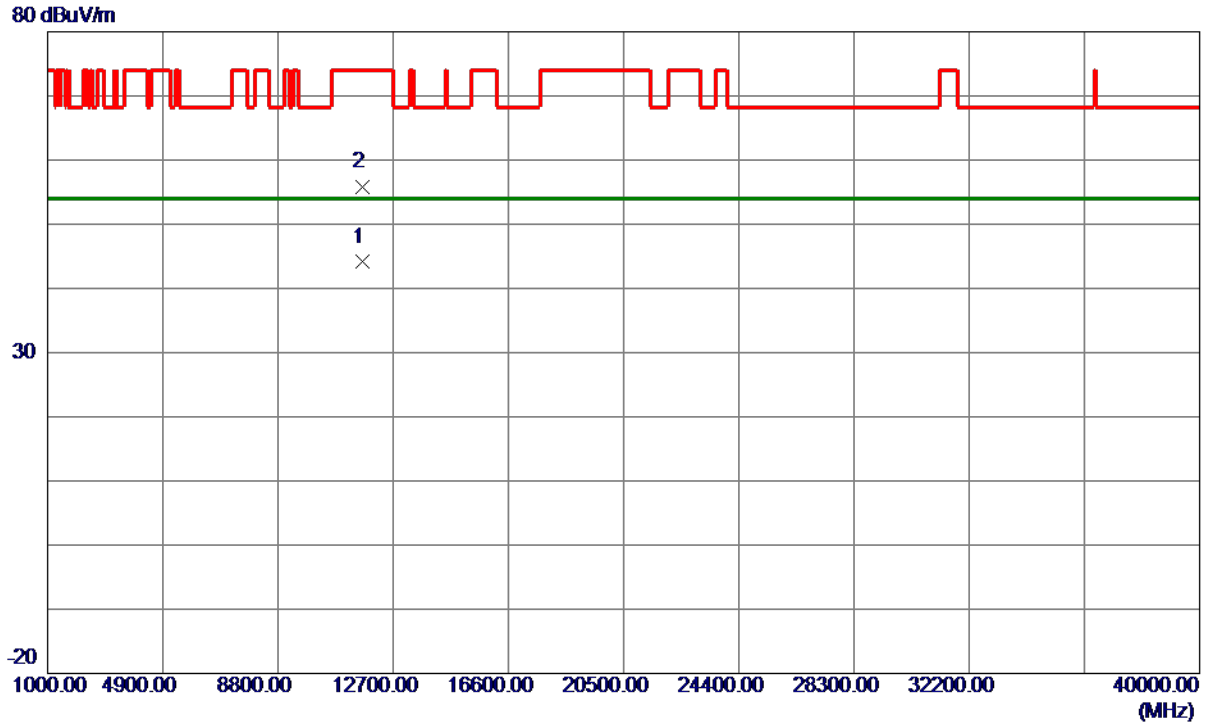


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5823.7000	87.28	17.95	105.23	122.20	-16.97	Peak	
2	5850.0000	45.86	18.02	63.88	122.20	-58.32	Peak	
3	5860.0000	38.93	18.05	56.98	109.40	-52.42	Peak	

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

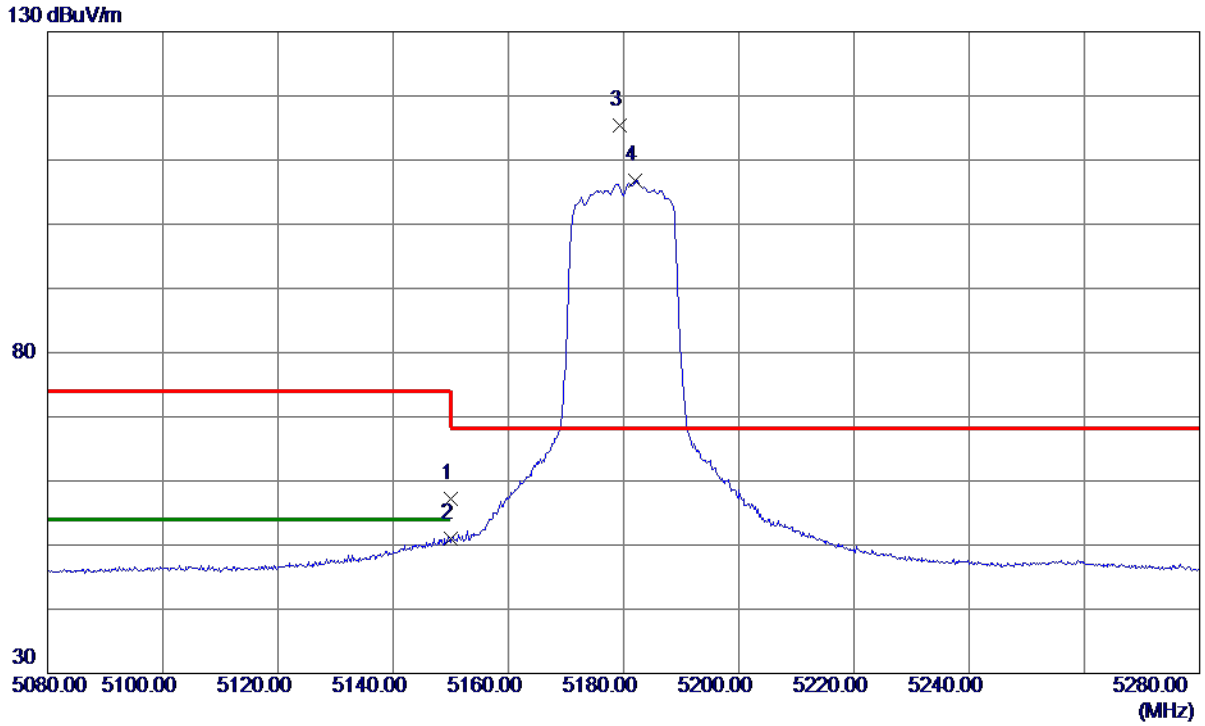


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.8620	29.53	14.57	44.10	54.00	-9.90	AVG	
2	11650.5420	41.18	14.57	55.75	74.00	-18.25	Peak	

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

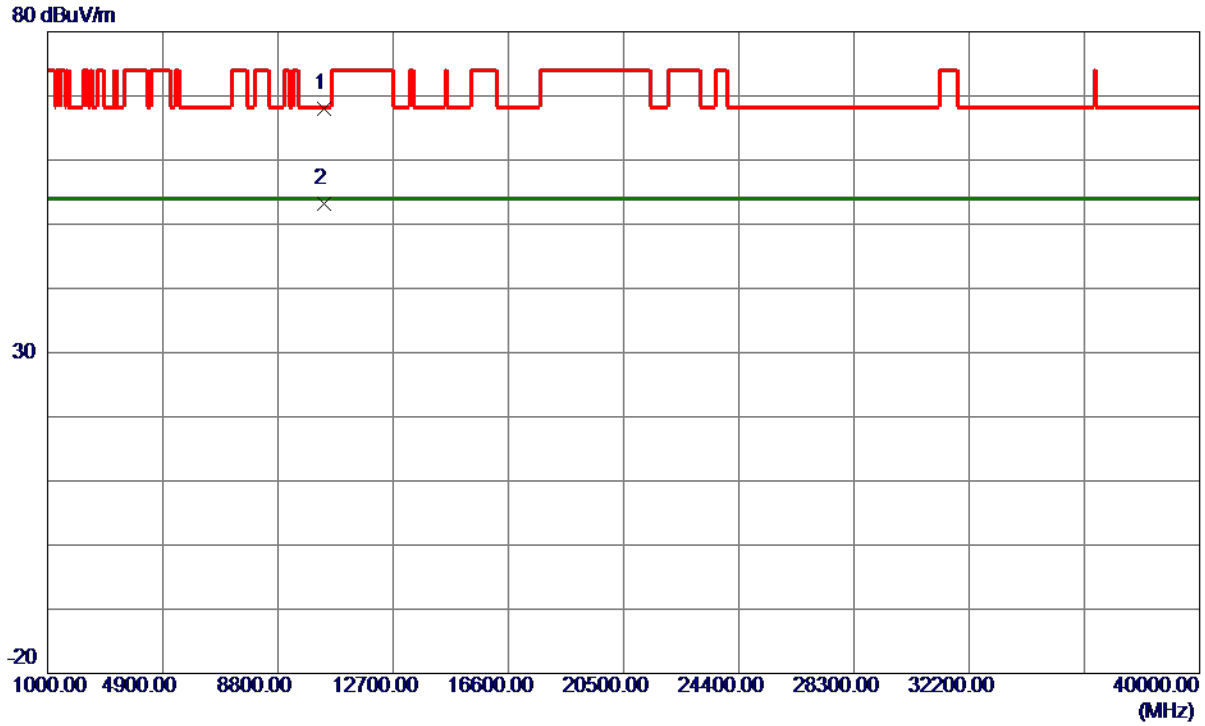


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	41.05	16.16	57.21	74.00	-16.79	Peak	
2	5150.0000	34.81	16.16	50.97	54.00	-3.03	AVG	
3 *	5179.4000	99.14	16.23	115.37	68.30	47.07	Peak	No Limit
4	5182.1000	90.64	16.23	106.87	999.00	-892.13	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

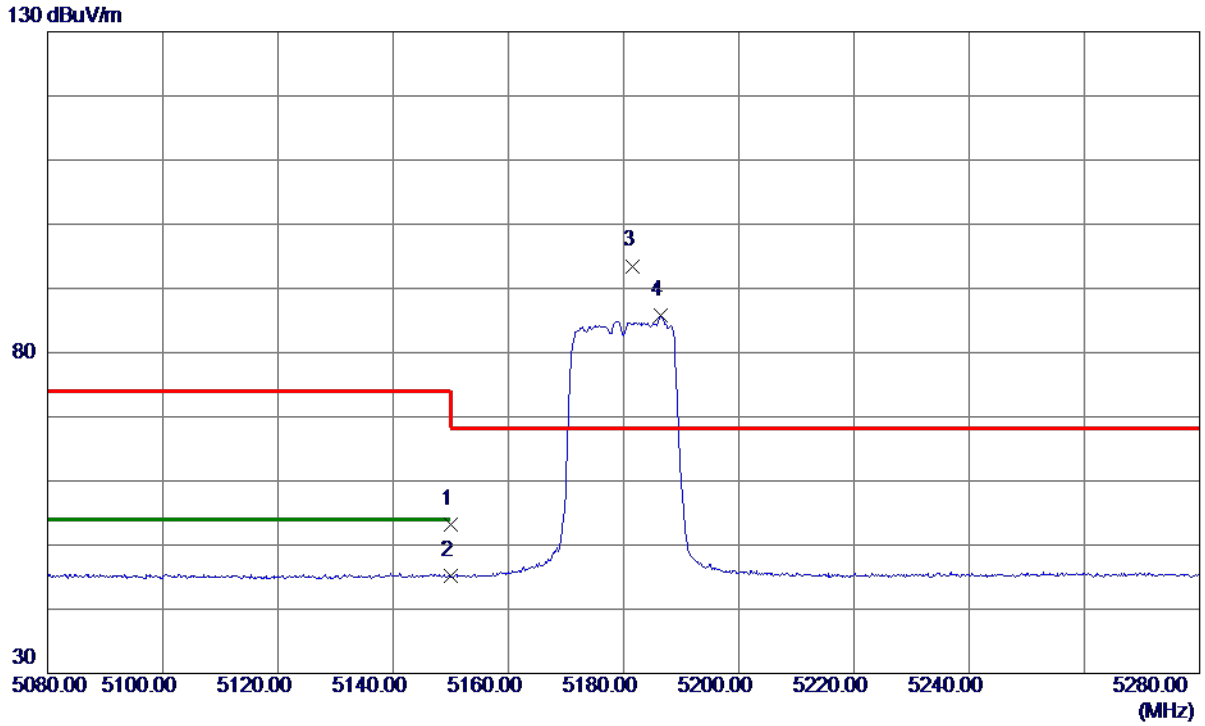


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10358.6150	54.55	13.51	68.06	68.30	-0.24	Peak	
2	10358.9880	39.63	13.51	53.14	54.00	-0.86	AVG	

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

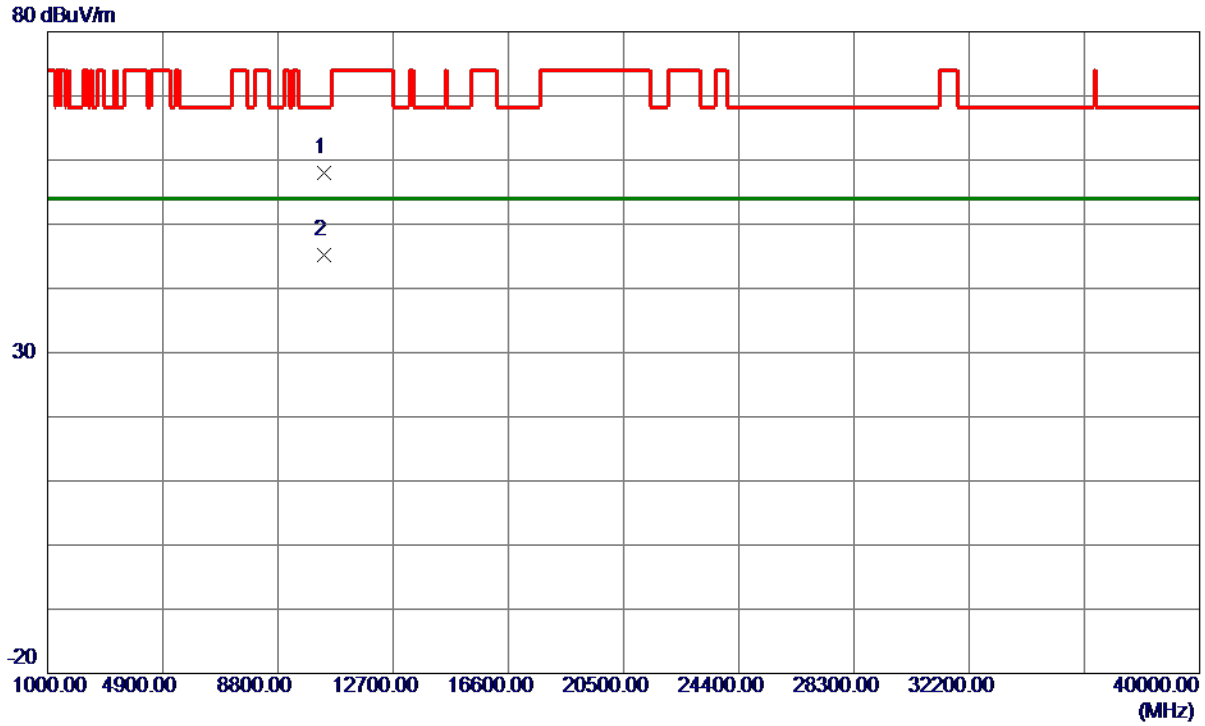


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.12	16.16	53.28	74.00	-20.72	Peak	
2	5150.0000	29.08	16.16	45.24	54.00	-8.76	AVG	
3 *	5181.6000	77.27	16.23	93.50	68.30	25.20	Peak	No Limit
4	5186.5000	69.56	16.24	85.80	999.00	-913.20	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

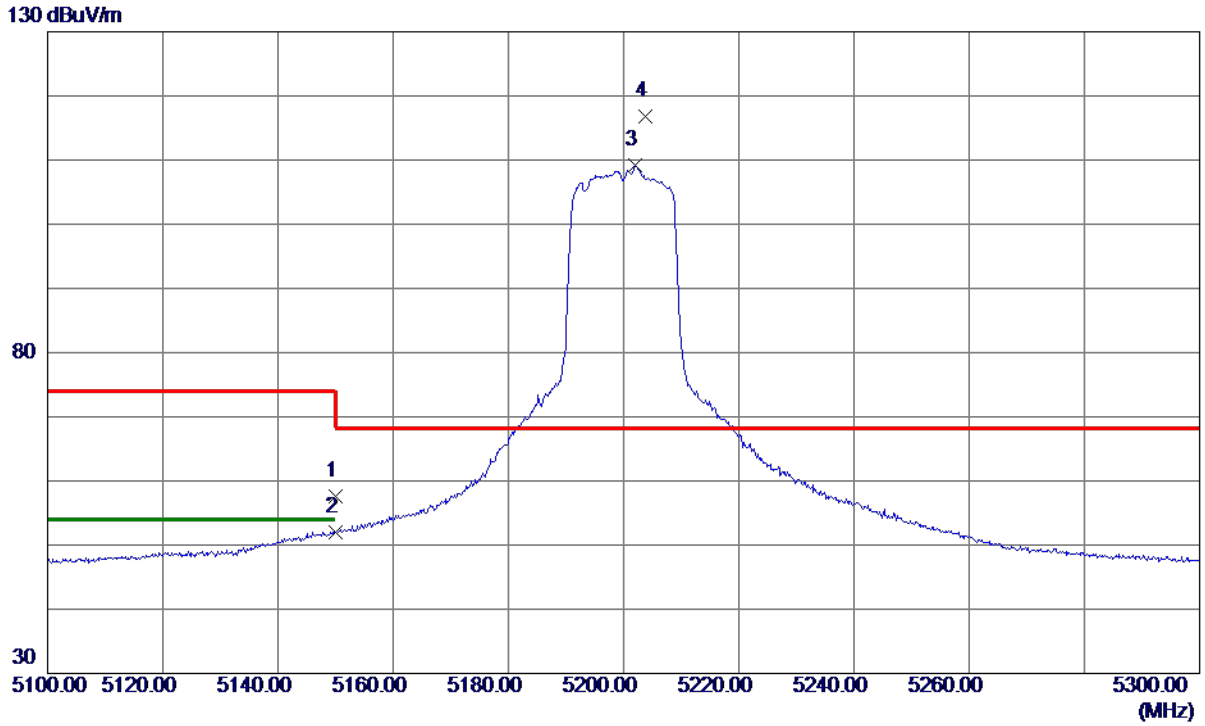


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.3099	44.51	13.52	58.03	68.30	-10.27	Peak	
2 *	10360.4390	31.74	13.52	45.26	54.00	-8.74	AVG	

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

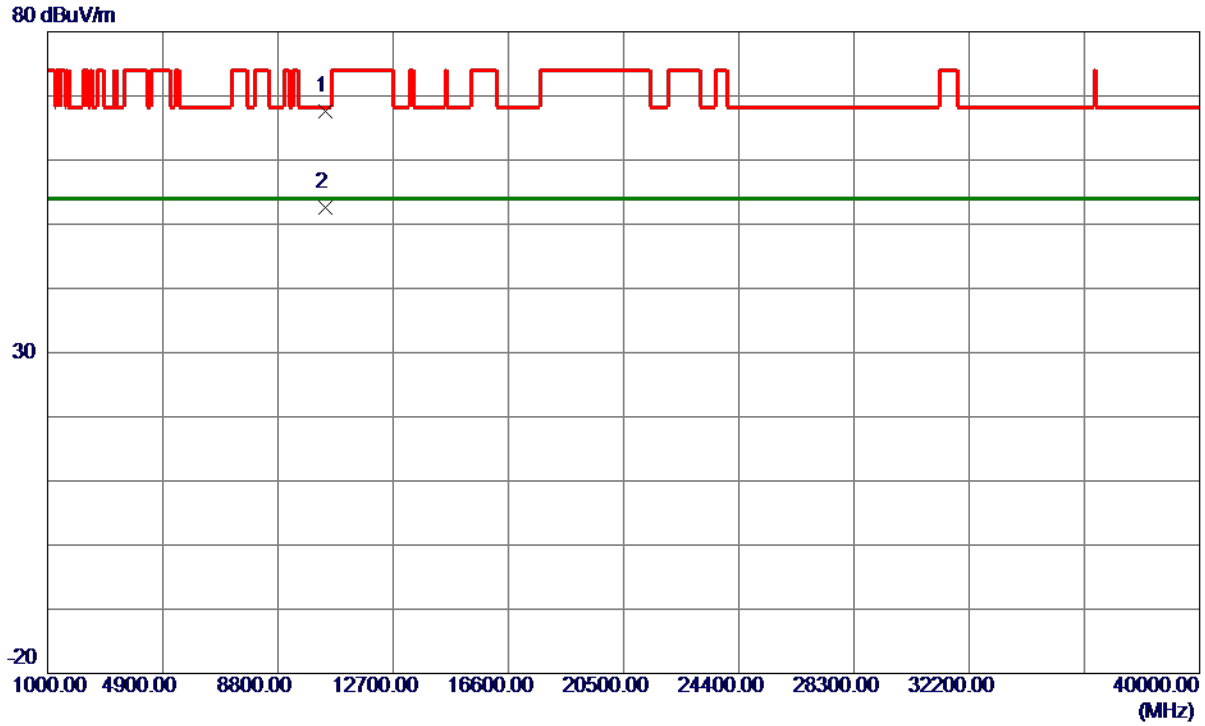


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	41.47	16.16	57.63	74.00	-16.37	Peak	
2	5150.0000	35.81	16.16	51.97	54.00	-2.03	AVG	
3	5202.1000	92.89	16.28	109.17	999.00	-889.83	AVG	No Limit
4 *	5203.8000	100.56	16.28	116.84	68.30	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 AC (VHT20) Mode 5200 MHz

Vertical

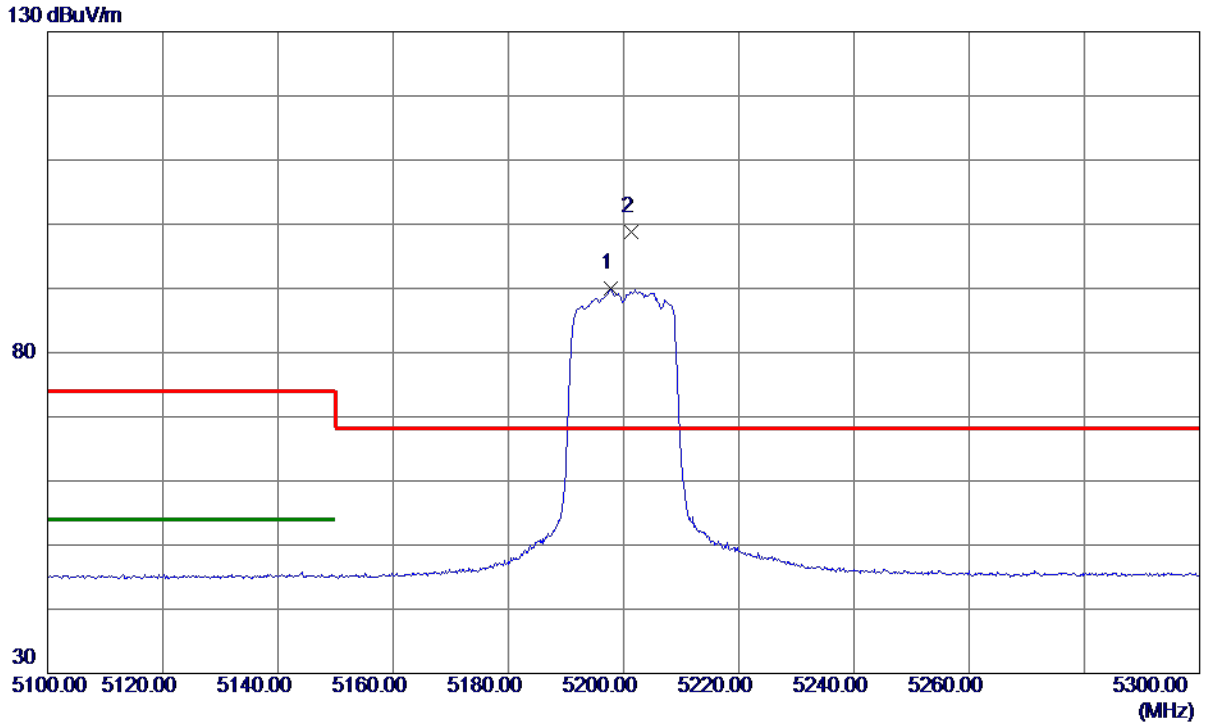


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0450	54.06	13.55	67.61	68.30	-0.69	Peak	
2	10400.3210	39.09	13.55	52.64	54.00	-1.36	AVG	

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

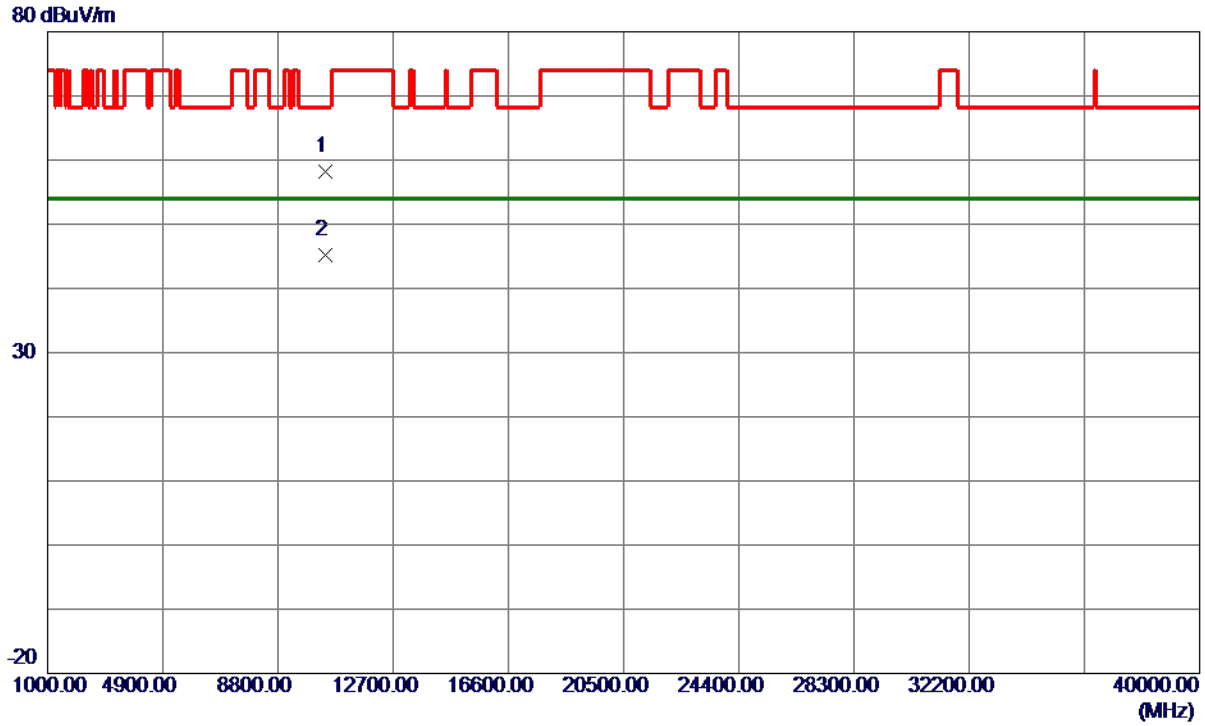


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5197.7000	73.75	16.27	90.02	999.00	-908.98	AVG	No Limit
2 *	5201.4000	82.53	16.28	98.81	68.30	30.51	Peak	No Limit

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

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

Horizontal

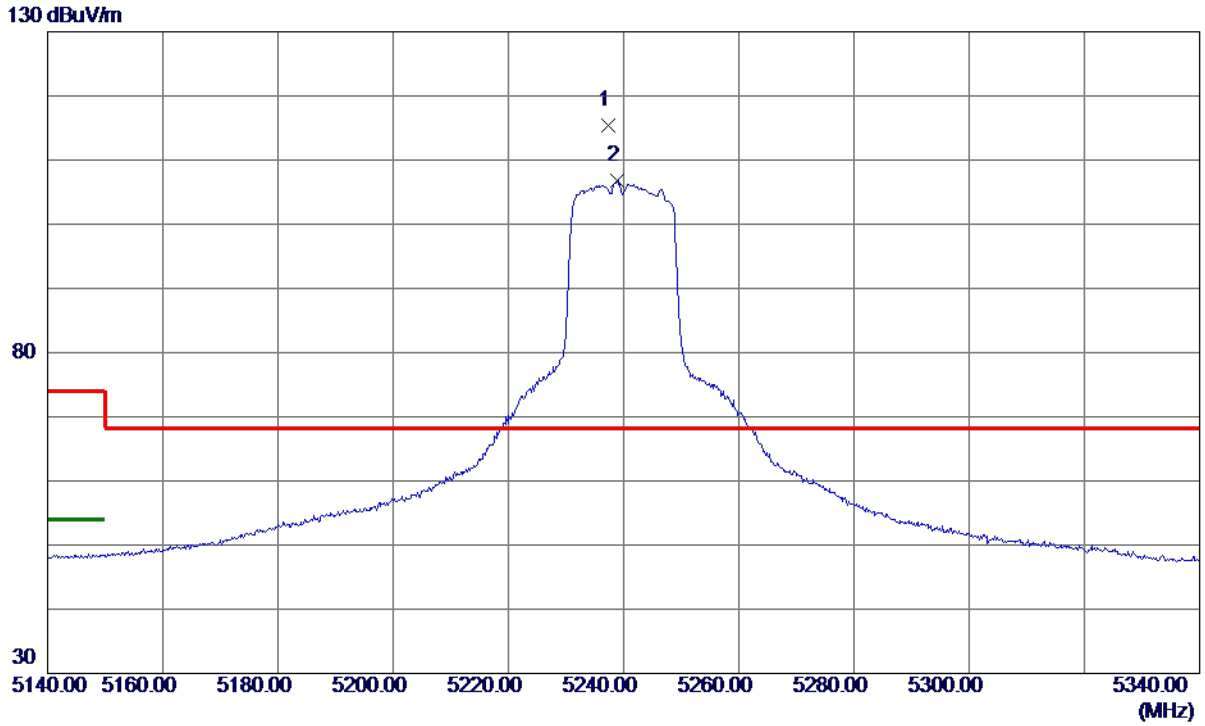


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.4000	44.69	13.55	58.24	68.30	-10.06	Peak	
2 *	10399.4000	31.68	13.55	45.23	54.00	-8.77	AVG	

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

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

Vertical

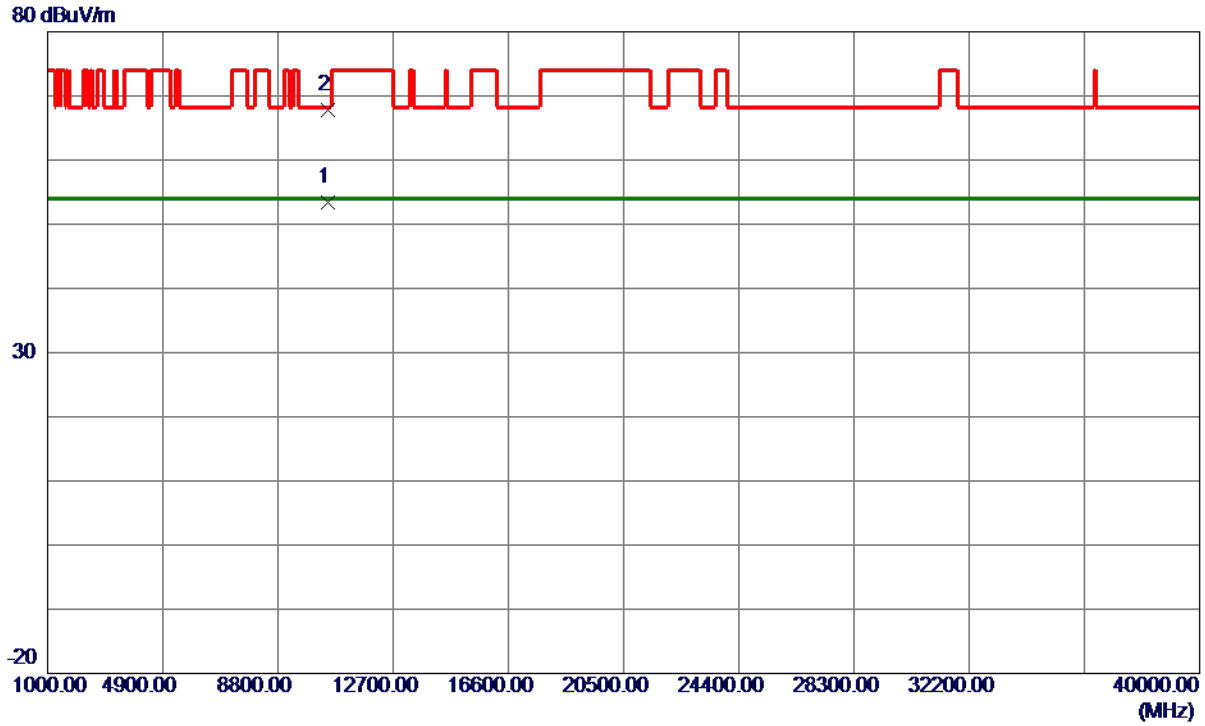


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5237.3000	99.03	16.36	115.39	68.30	47.09	Peak	No Limit
2	5238.9000	90.41	16.37	106.78	999.00	-892.22	AVG	No Limit

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

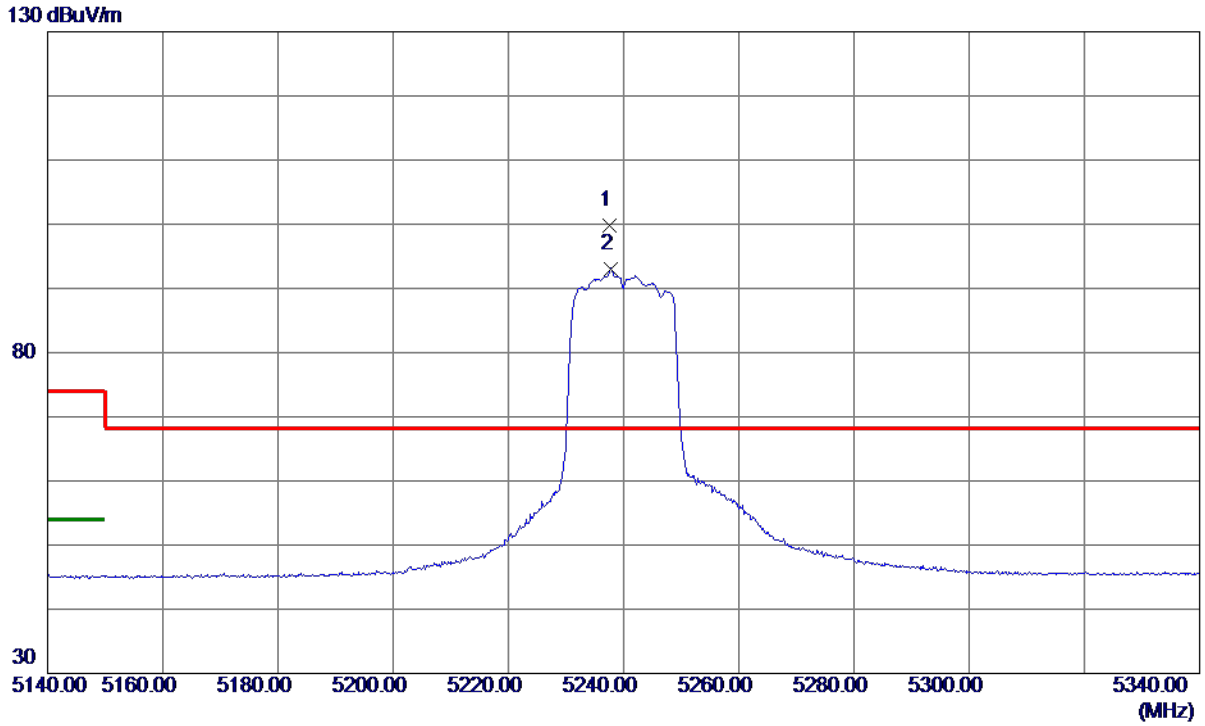


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10481.3450	39.68	13.63	53.31	54.00	-0.69	AVG	
2 *	10481.3880	54.24	13.63	67.87	68.30	-0.43	Peak	

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

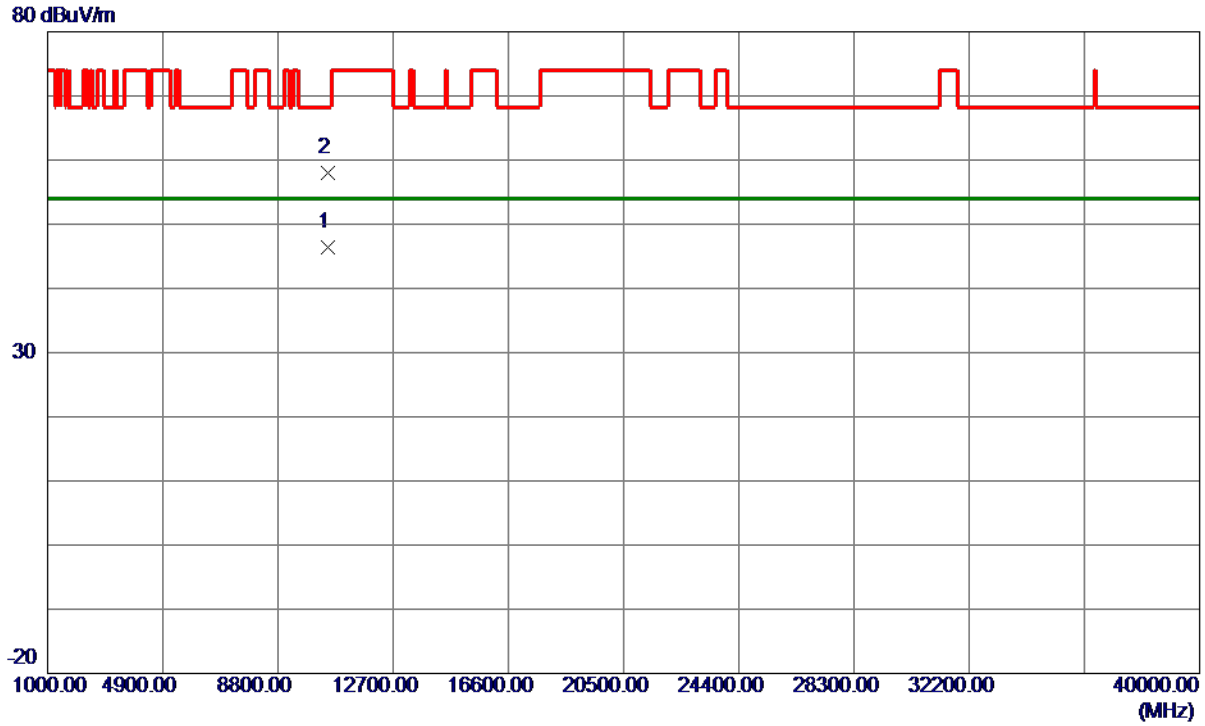


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5237.5000	83.49	16.36	99.85	68.30	31.55	Peak	No Limit
2	5237.8000	76.74	16.36	93.10	999.00	-905.90	AVG	No Limit

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

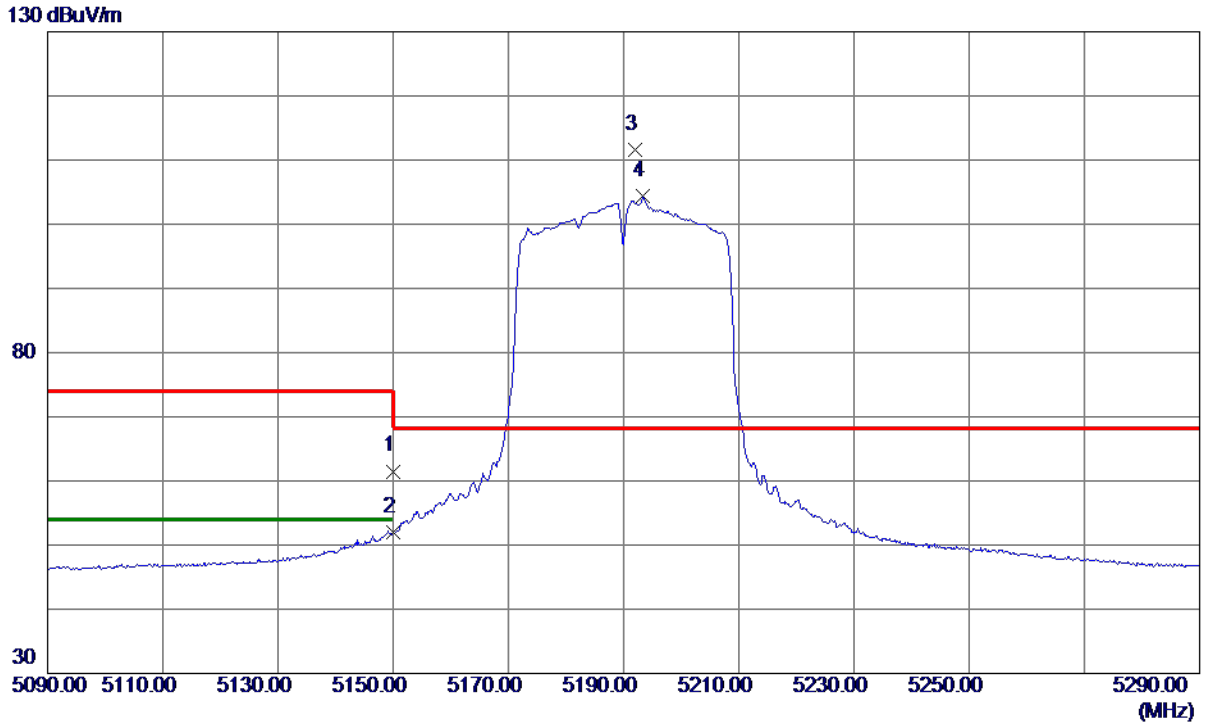


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.1560	32.85	13.63	46.48	54.00	-7.52	AVG	
2	10480.9960	44.38	13.63	58.01	68.30	-10.29	Peak	

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

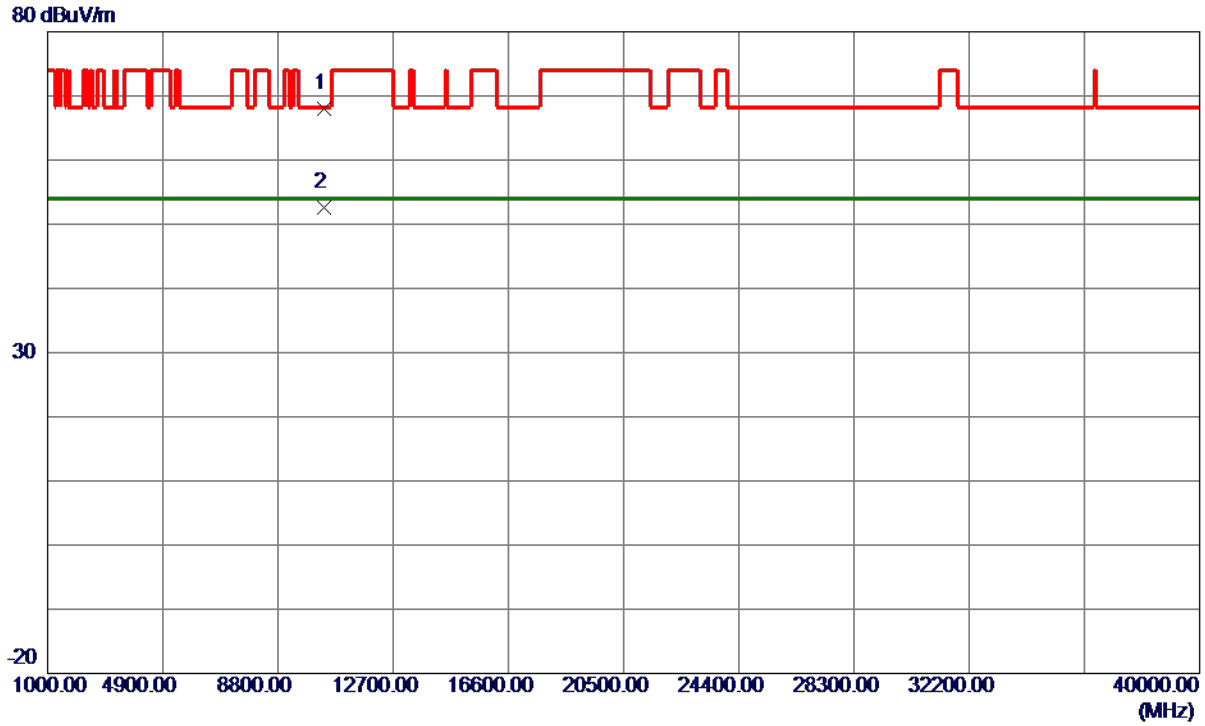


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	45.34	16.16	61.50	74.00	-12.50	Peak	
2	5150.0000	35.81	16.16	51.97	54.00	-2.03	AVG	
3 *	5192.1000	95.28	16.26	111.54	68.30	43.24	Peak	No Limit
4	5193.4000	88.08	16.26	104.34	999.00	-894.66	AVG	No Limit

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

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

Vertical

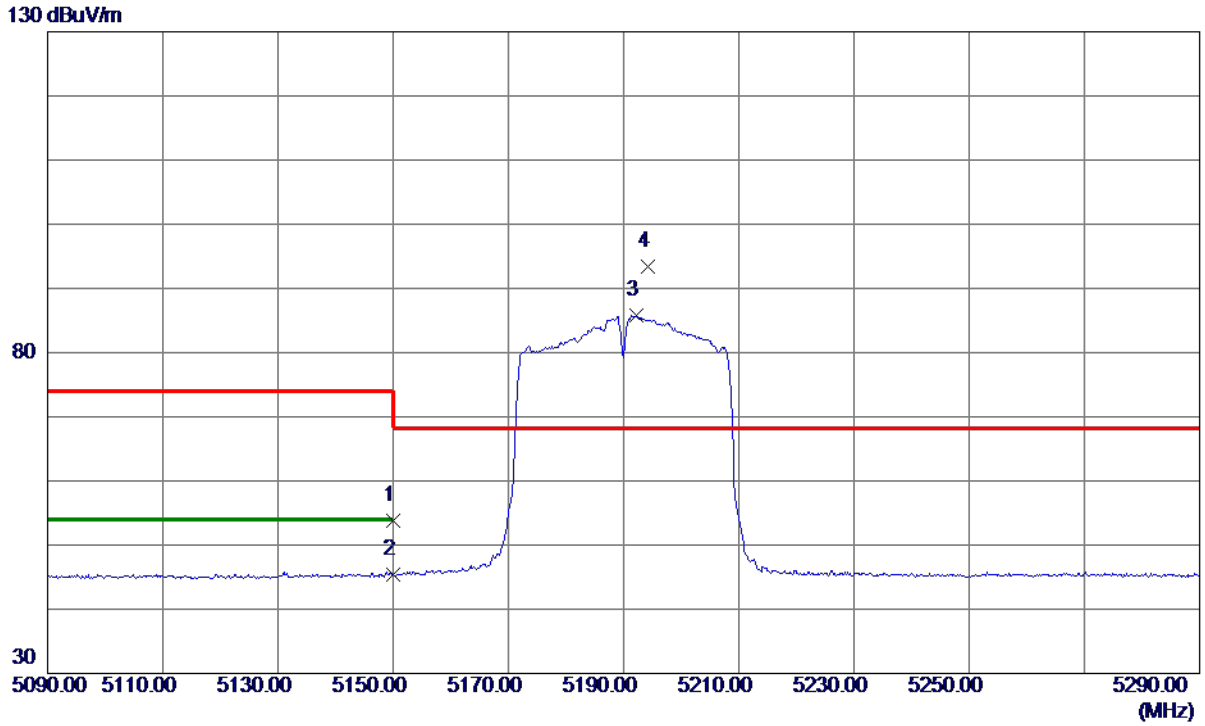


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.5030	54.44	13.53	67.97	68.30	-0.33	Peak	
2	10380.6630	38.99	13.53	52.52	54.00	-1.48	AVG	

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 5190 MHz

Horizontal

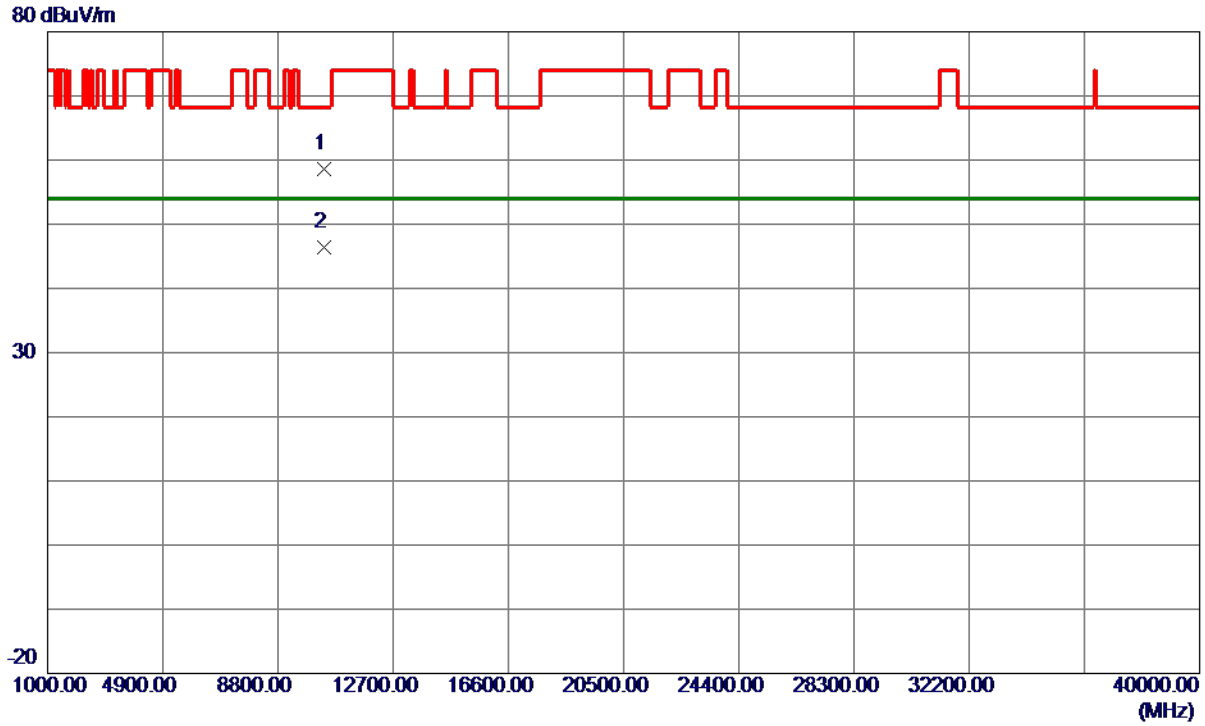


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.68	16.16	53.84	74.00	-20.16	Peak	
2	5150.0000	29.29	16.16	45.45	54.00	-8.55	AVG	
3	5192.3000	69.50	16.26	85.76	999.00	-913.24	AVG	No Limit
4 *	5194.3000	77.11	16.26	93.37	68.30	25.07	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 5190 MHz

Horizontal

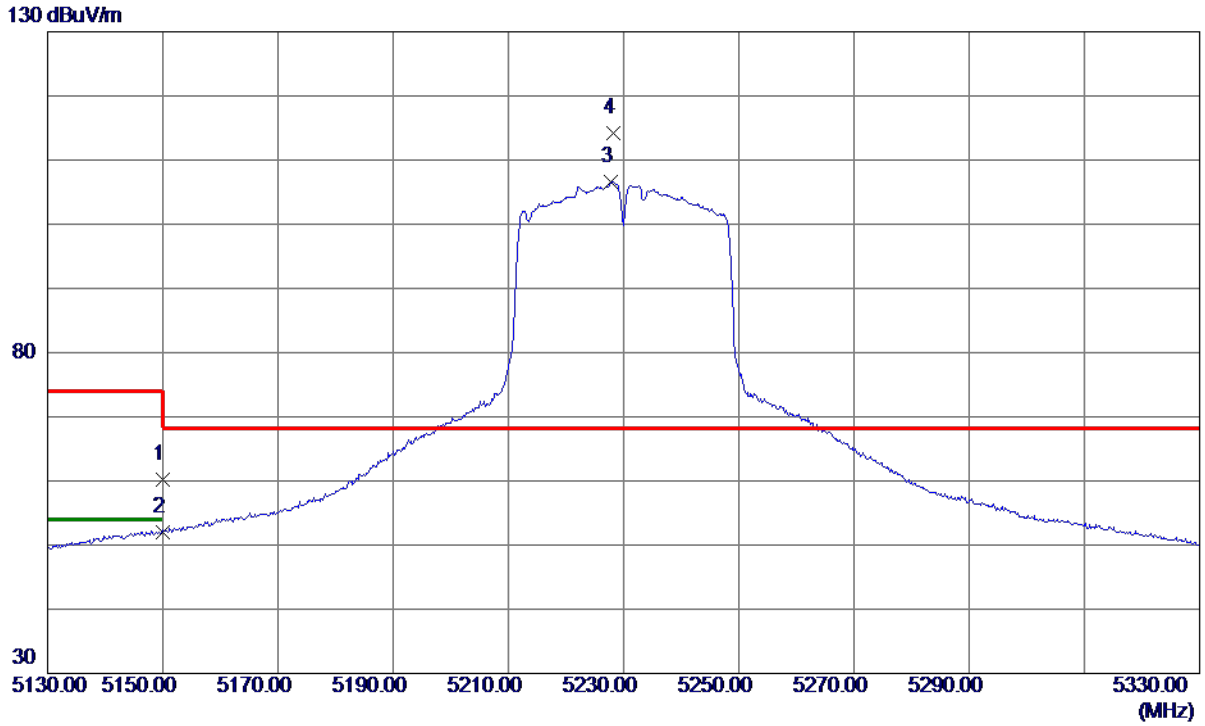


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10379.1960	45.14	13.53	58.67	68.30	-9.63	Peak	
2 *	10379.8530	32.91	13.53	46.44	54.00	-7.56	AVG	

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

Vertical

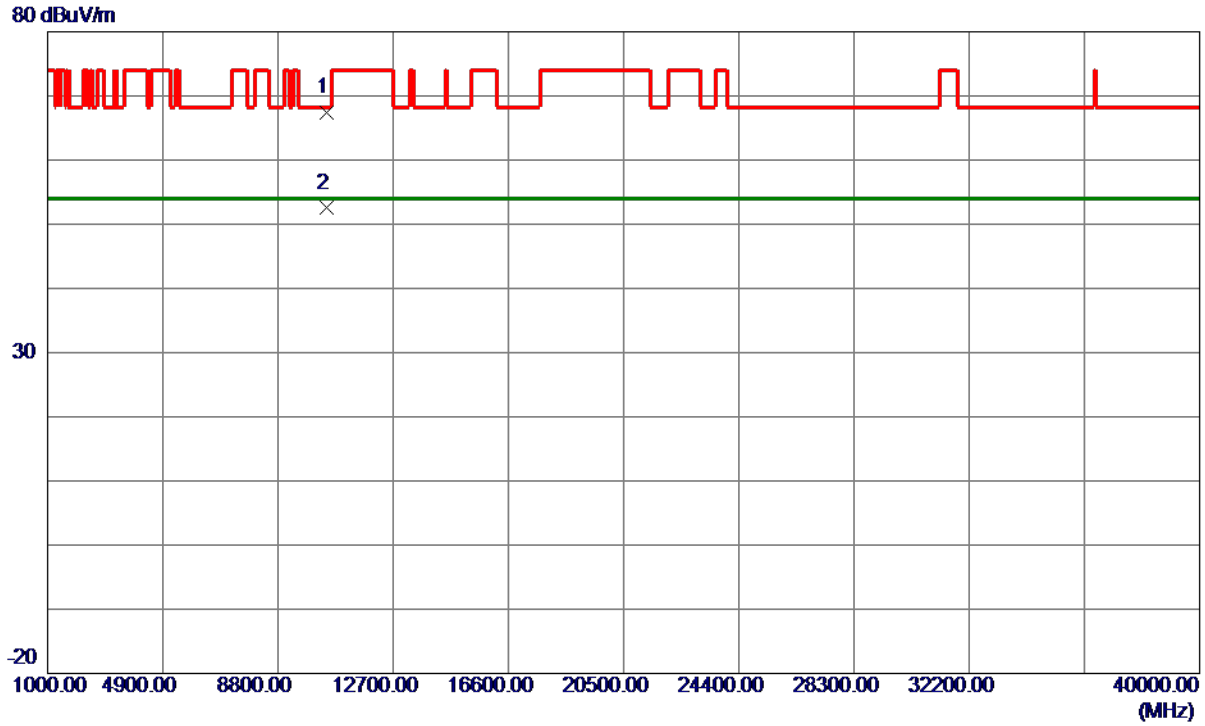


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.13	16.16	60.29	74.00	-13.71	Peak	
2	5150.0000	35.76	16.16	51.92	54.00	-2.08	AVG	
3	5227.7000	90.19	16.34	106.53	999.00	-892.47	AVG	No Limit
4 *	5228.3000	97.89	16.34	114.23	68.30	45.93	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

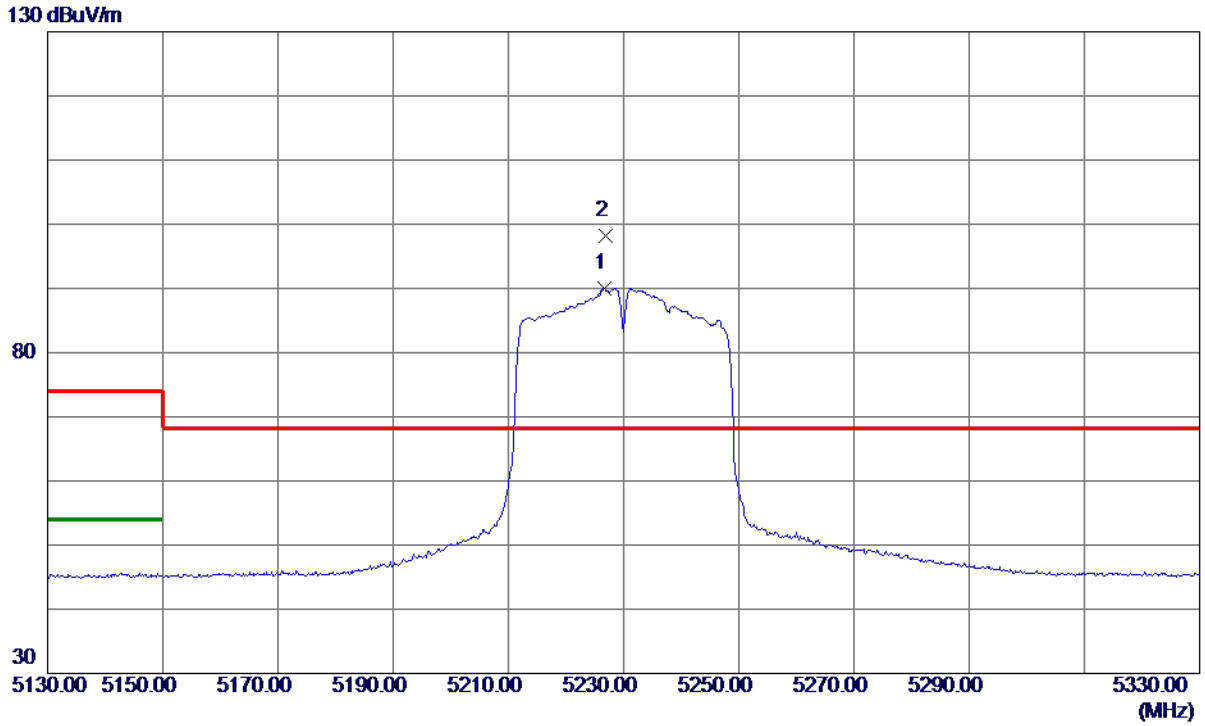


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10457.9070	53.88	13.61	67.49	68.30	-0.81	Peak	
2	10457.9860	38.89	13.61	52.50	54.00	-1.50	AVG	

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

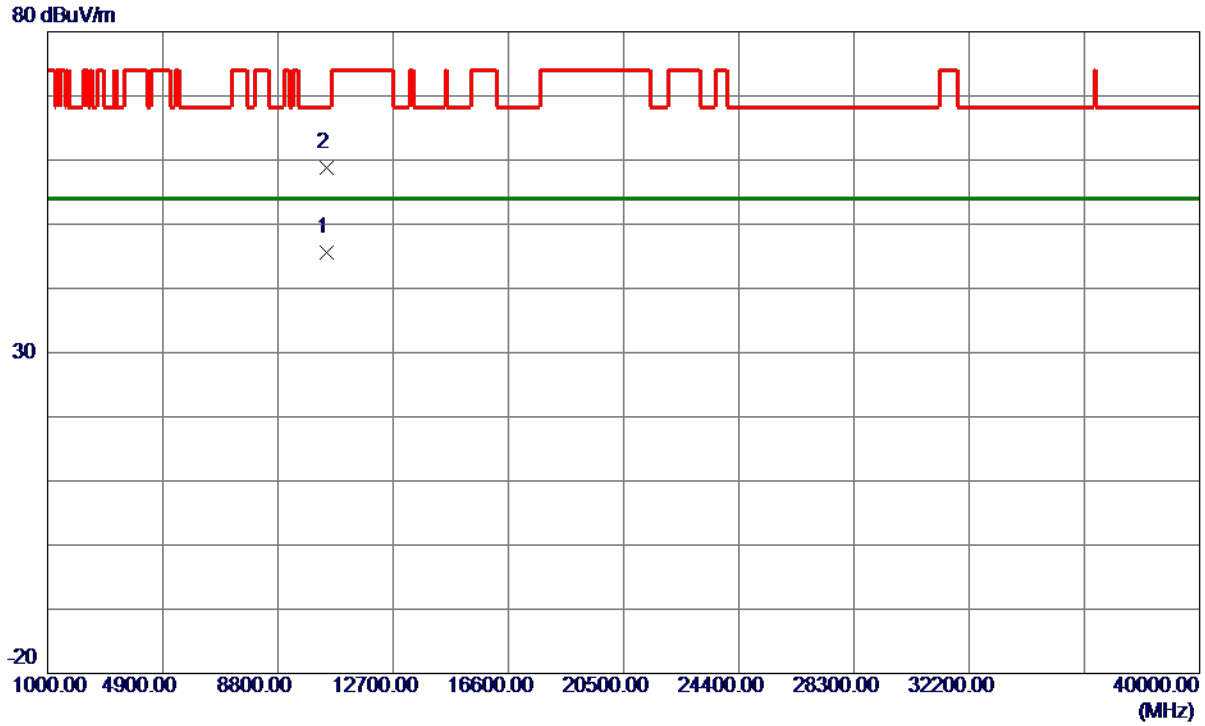


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5226.6000	73.75	16.34	90.09	999.00	-908.91	AVG	No Limit
2 *	5226.8000	81.83	16.34	98.17	68.30	29.87	Peak	No Limit

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

Horizontal

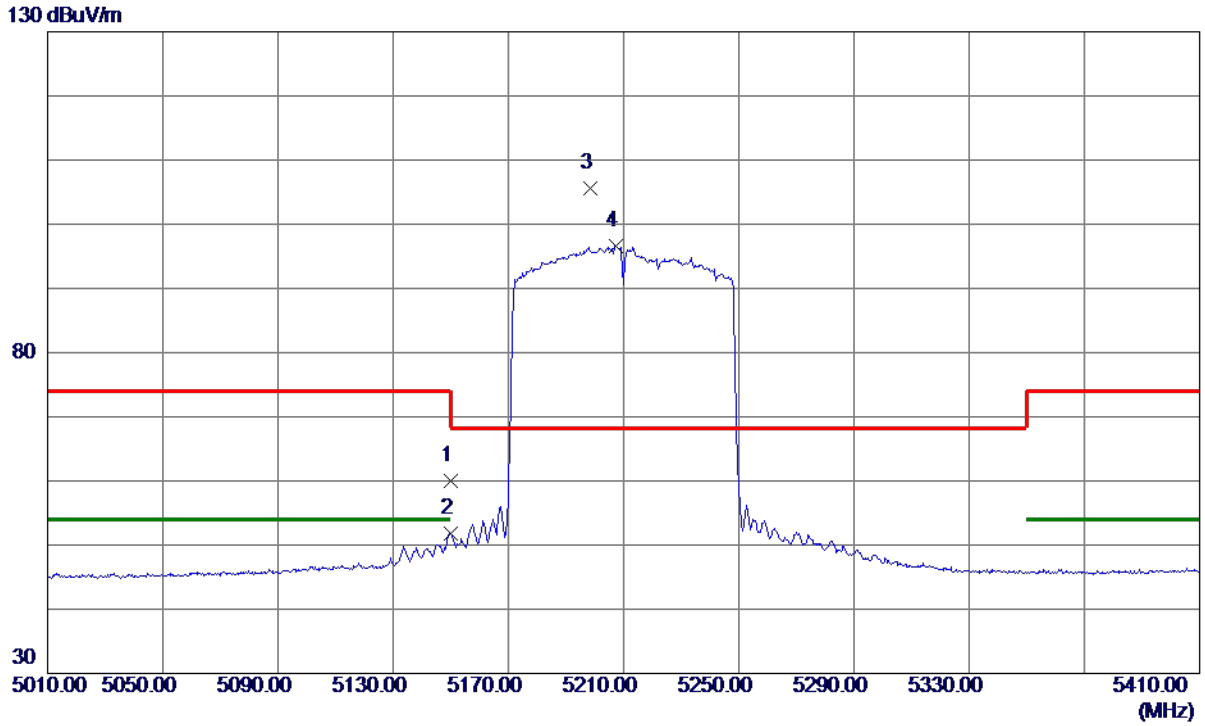


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.5279	31.96	13.61	45.57	54.00	-8.43	AVG	
2	10460.6980	45.16	13.61	58.77	68.30	-9.53	Peak	

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

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

Vertical

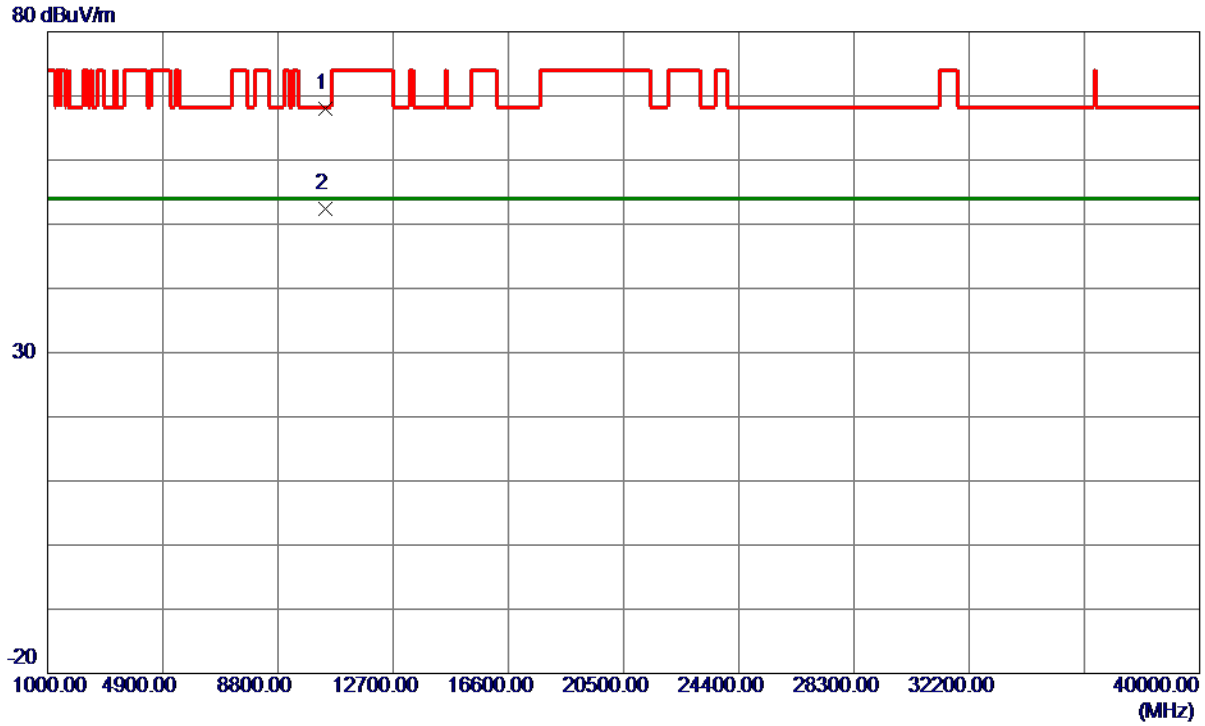


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	43.93	16.16	60.09	74.00	-13.91	Peak	
2	5150.0000	35.61	16.16	51.77	54.00	-2.23	AVG	
3 *	5198.6000	89.24	16.27	105.51	68.30	37.21	Peak	No Limit
4	5207.4000	80.37	16.29	96.66	999.00	-902.34	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

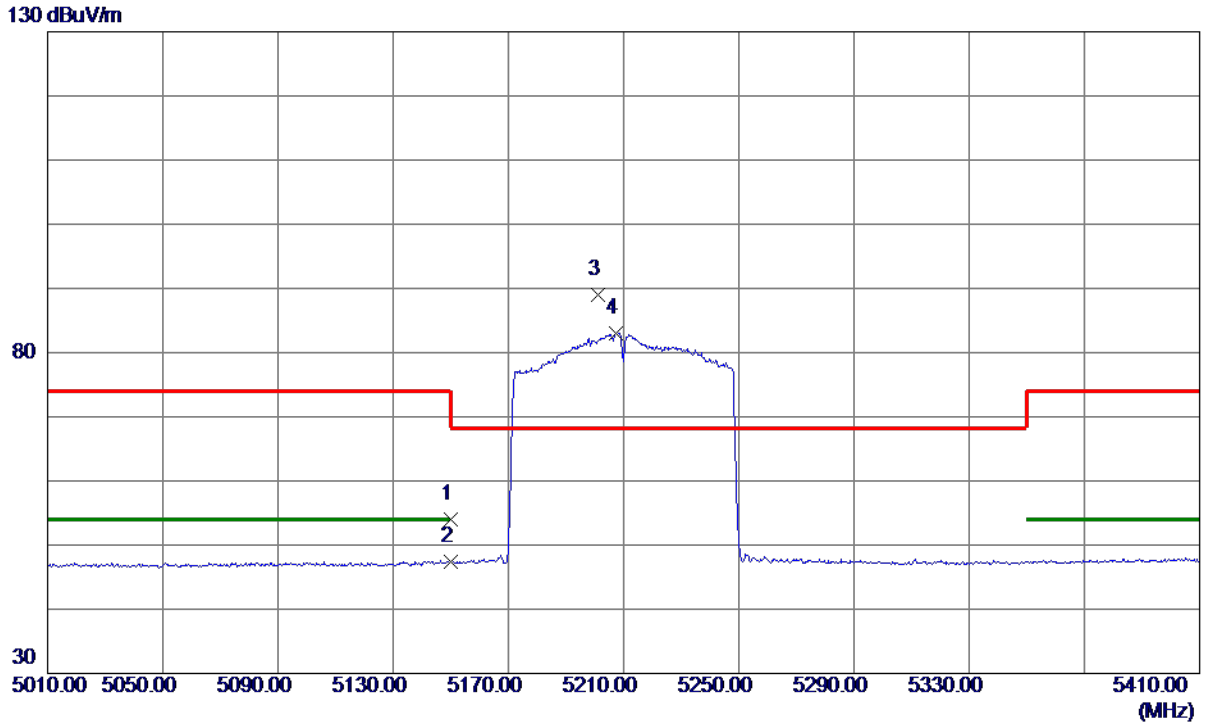


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10419.5830	54.33	13.57	67.90	68.30	-0.40	Peak	
2	10419.6630	38.92	13.57	52.49	54.00	-1.51	AVG	

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

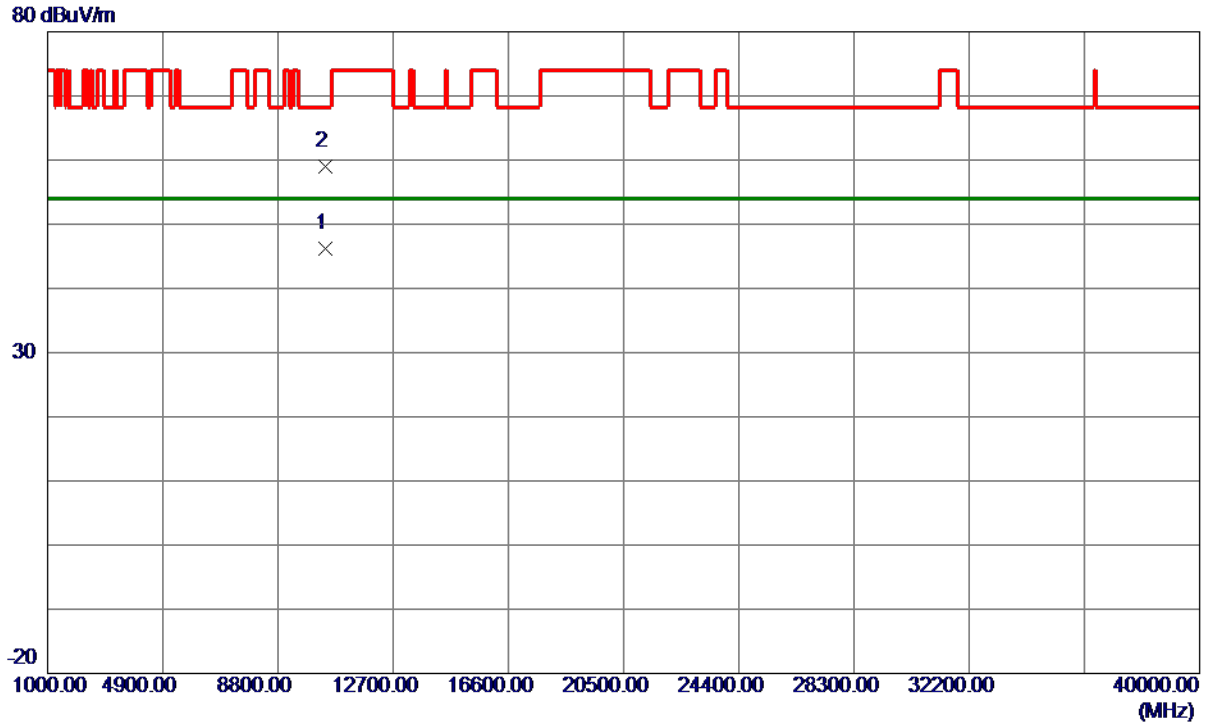


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.83	16.16	53.99	74.00	-20.01	Peak	
2	5150.0000	31.19	16.16	47.35	54.00	-6.65	AVG	
3 *	5201.2000	72.73	16.28	89.01	68.30	20.71	Peak	No Limit
4	5207.2000	66.75	16.29	83.04	999.00	-915.96	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

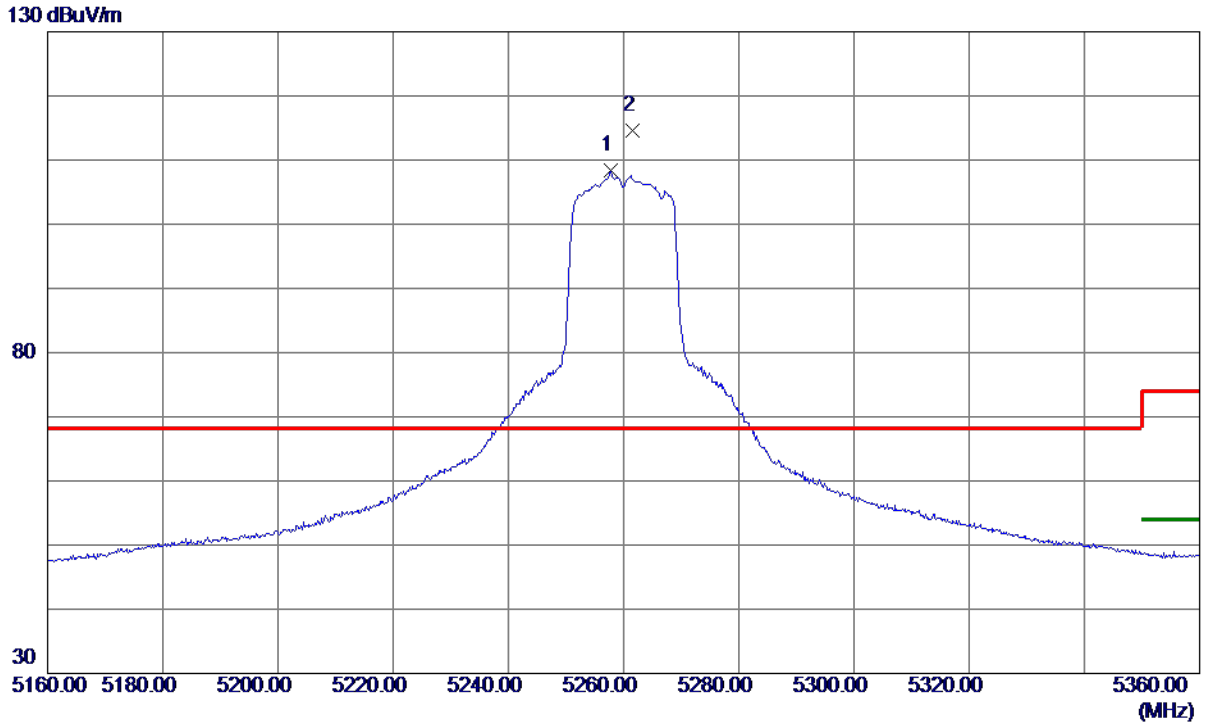


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10419.2270	32.56	13.57	46.13	54.00	-7.87	AVG	
2	10419.4280	45.36	13.57	58.93	68.30	-9.37	Peak	

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

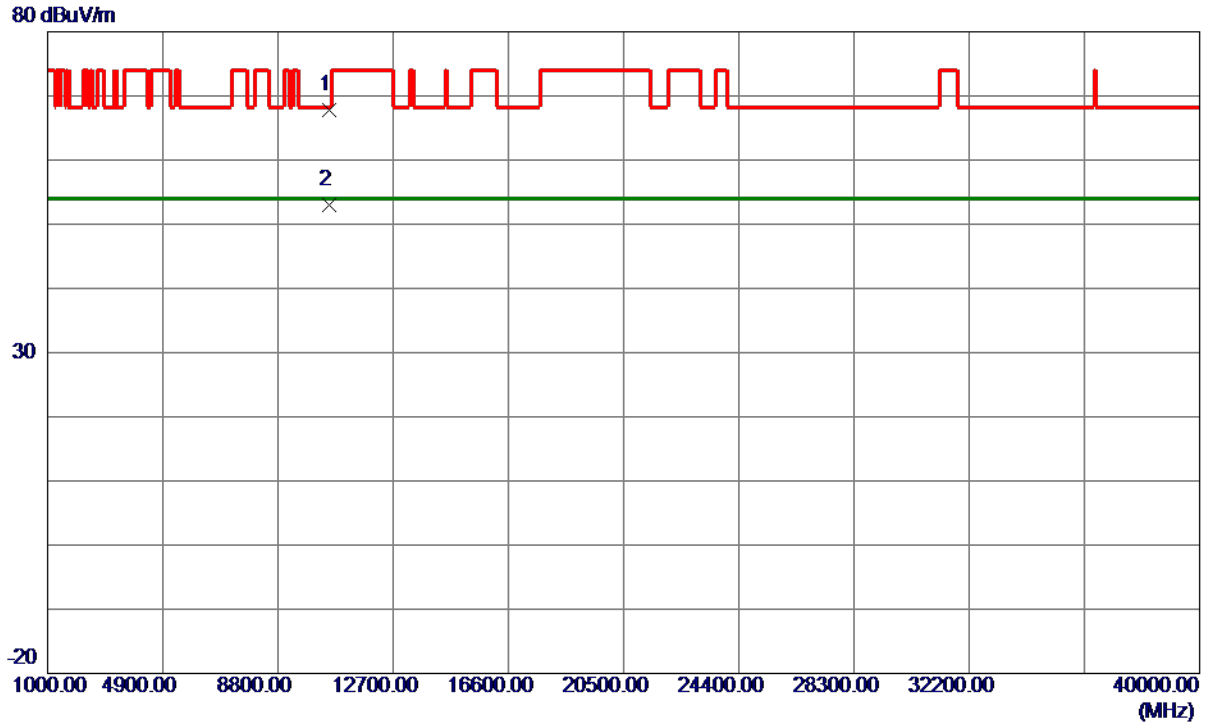


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5257.8000	91.91	16.41	108.32	999.00	-890.68	AVG	No Limit
2 *	5261.6000	98.24	16.42	114.66	68.30	46.36	Peak	No Limit

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

Vertical

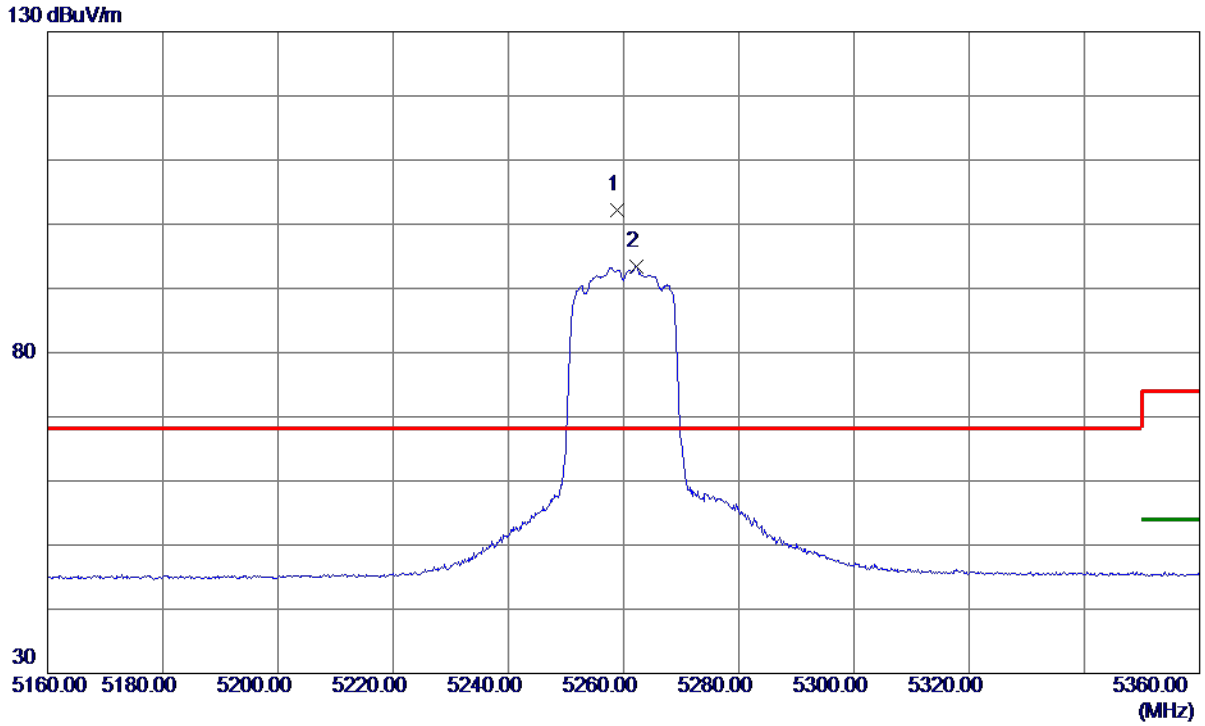


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10521.1420	54.11	13.66	67.77	68.30	-0.53	Peak	
2	10521.1420	39.35	13.66	53.01	54.00	-0.99	AVG	

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 5260 MHz

Horizontal

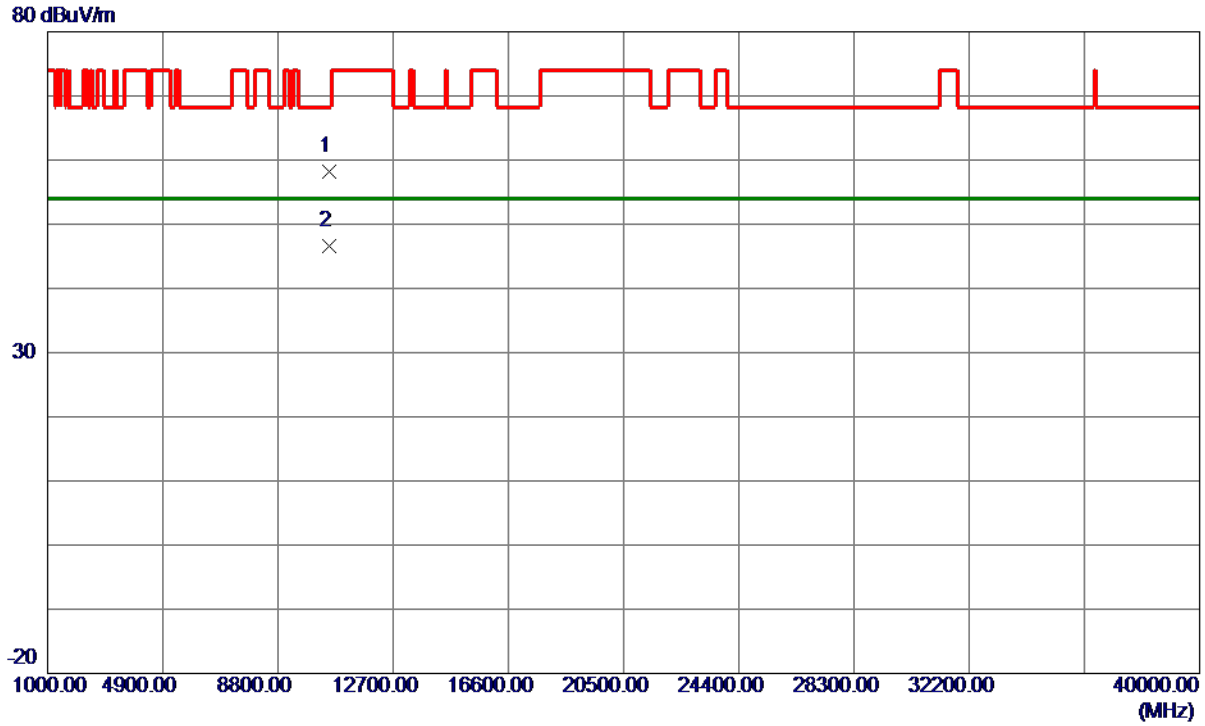


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5258.9000	85.81	16.41	102.22	68.30	33.92	Peak	No Limit
2	5262.3000	77.00	16.42	93.42	999.00	-905.58	AVG	No Limit

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

Horizontal

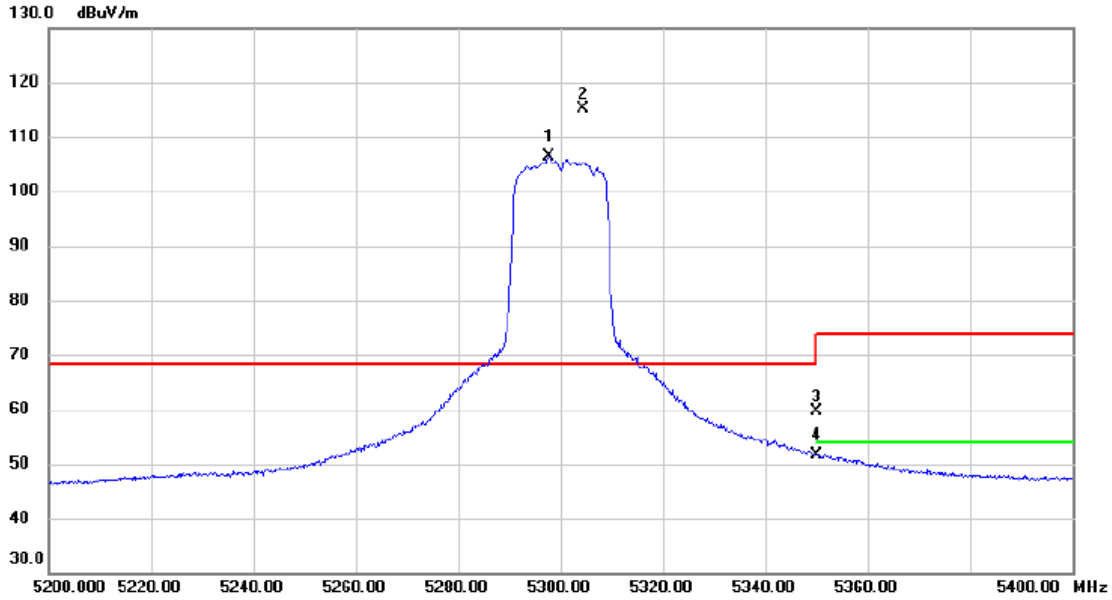


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10519.0960	44.56	13.66	58.22	68.30	-10.08	Peak	
2 *	10519.9630	32.93	13.66	46.59	54.00	-7.41	AVG	

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 5300 MHz

Vertical

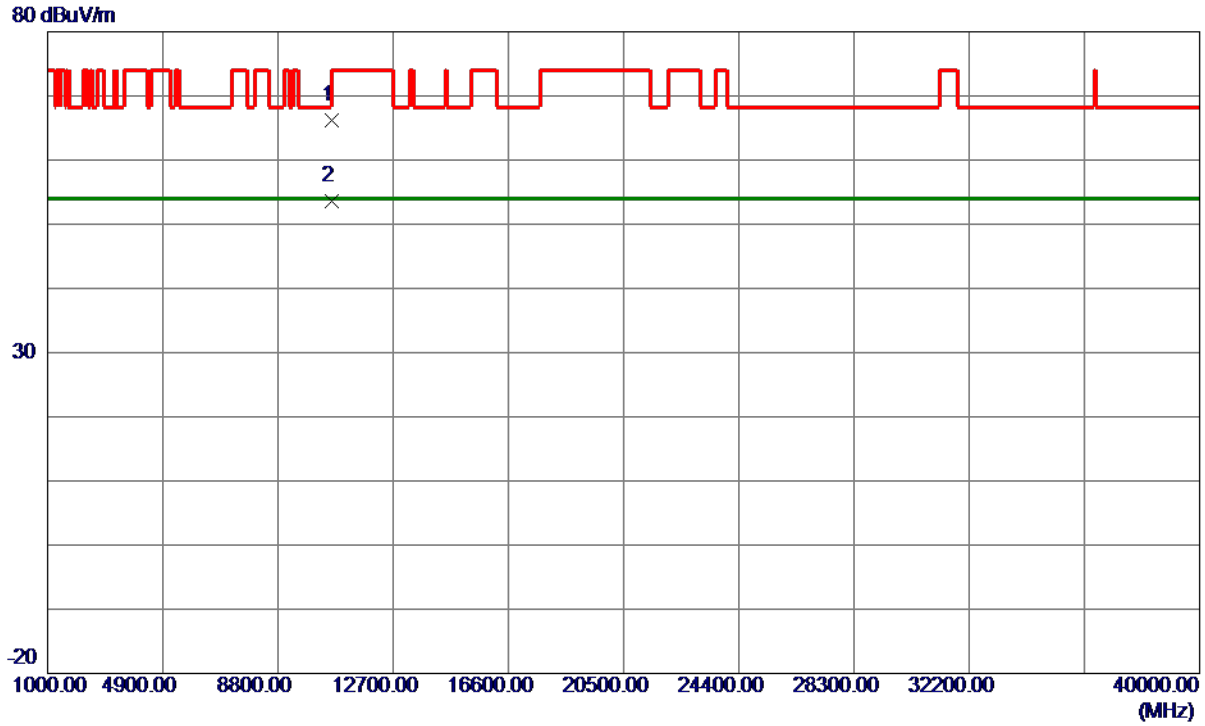


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5297.700	89.89	16.51	106.40	68.30	38.10	AVG	No Limit
2	*	5304.300	98.52	16.52	115.04	68.30	46.74	peak	No Limit
3		5350.000	42.92	16.63	59.55	74.00	-14.45	peak	
4		5350.000	35.01	16.63	51.64	54.00	-2.36	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 5300 MHz

Vertical

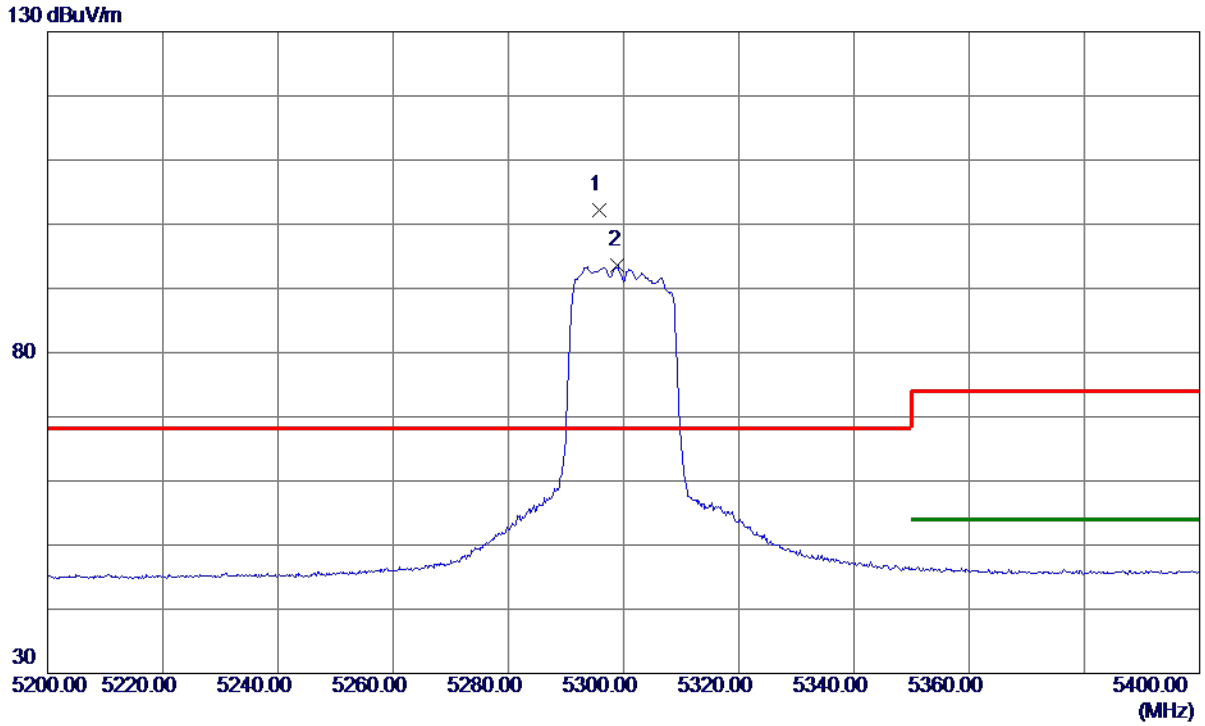


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.6030	52.52	13.70	66.22	68.30	-2.08	Peak	
2 *	10600.5250	39.86	13.70	53.56	54.00	-0.44	AVG	

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 5300 MHz

Horizontal

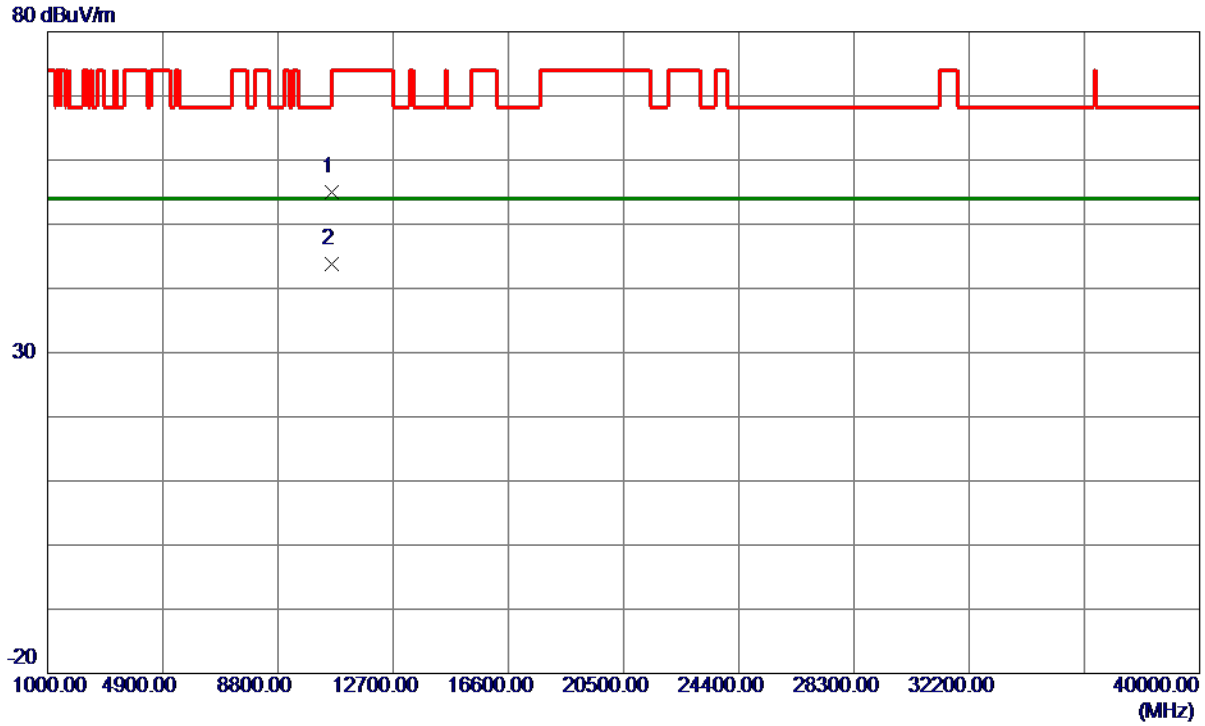


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5295.8000	85.78	16.50	102.28	68.30	33.98	Peak	No Limit
2	5299.0000	77.07	16.51	93.58	999.00	-905.42	AVG	No Limit

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

Horizontal

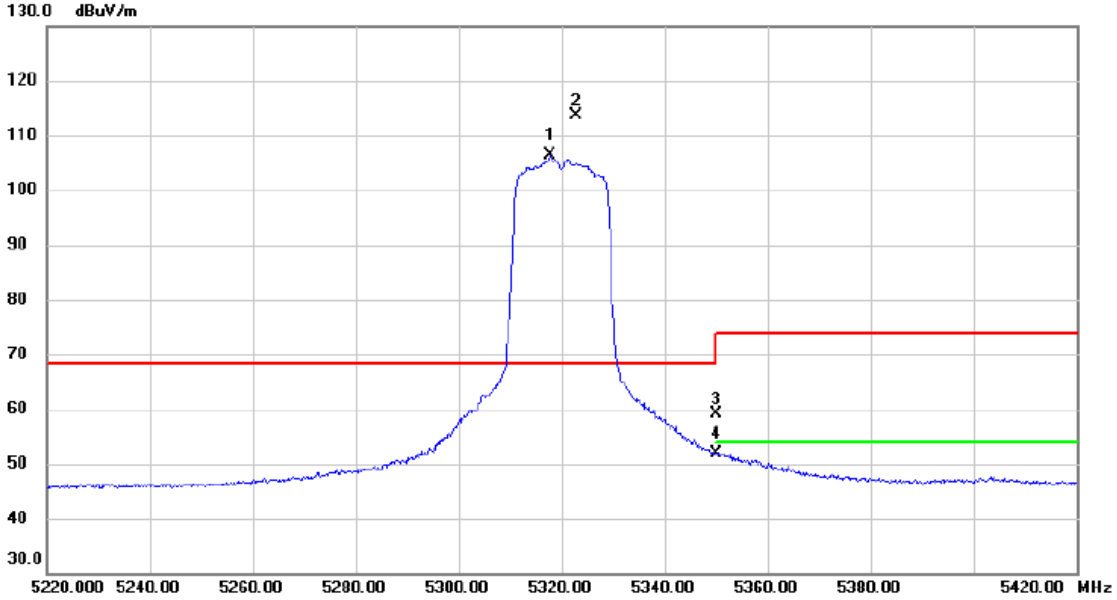


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.8840	41.29	13.70	54.99	68.30	-13.31	Peak	
2 *	10600.5599	30.17	13.70	43.87	54.00	-10.13	AVG	

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

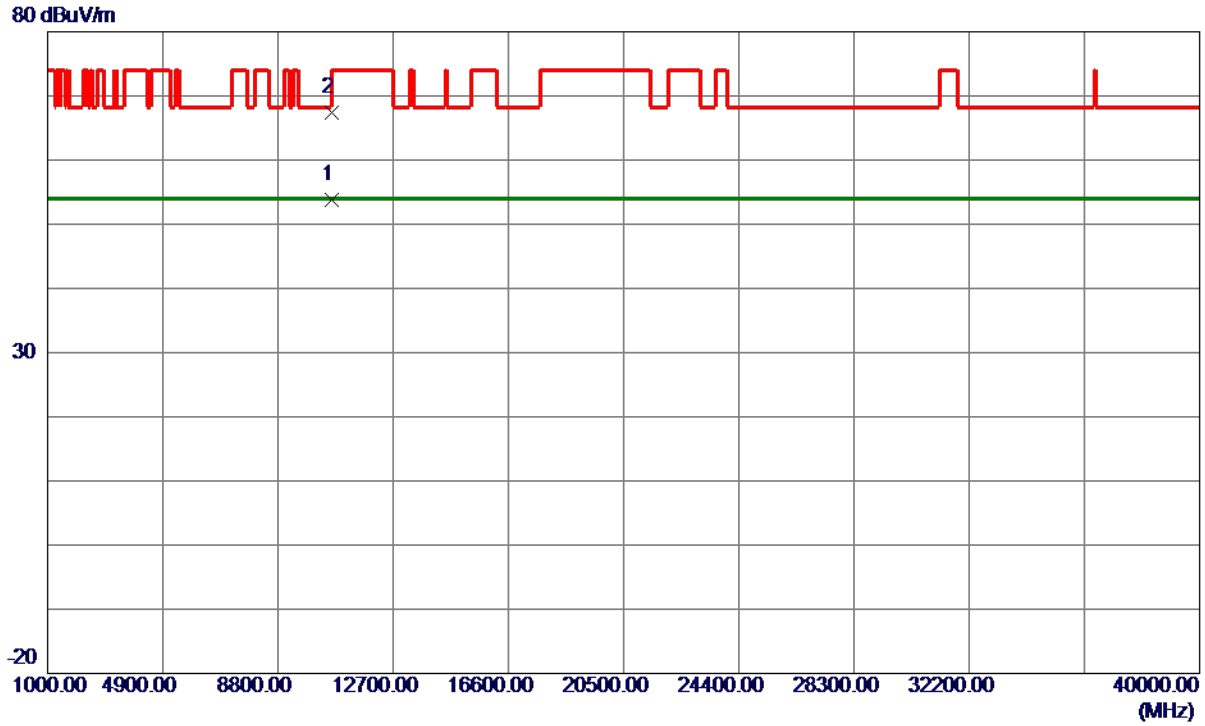


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5317.800	89.71	16.55	106.26	68.30	37.96	AVG	No Limit
2	*	5322.900	97.09	16.56	113.65	68.30	45.35	peak	No Limit
3		5350.000	42.48	16.63	59.11	74.00	-14.89	peak	
4		5350.000	35.17	16.63	51.80	54.00	-2.20	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

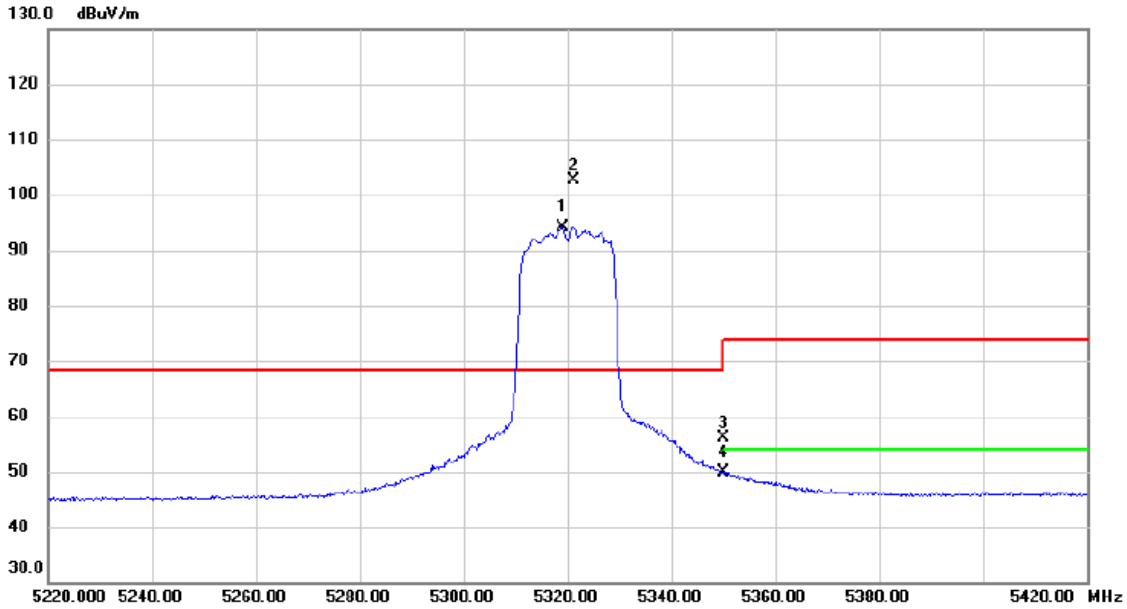


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10639.2670	40.15	13.72	53.87	54.00	-0.13	AVG	
2	10639.8750	53.74	13.72	67.46	74.00	-6.54	Peak	

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

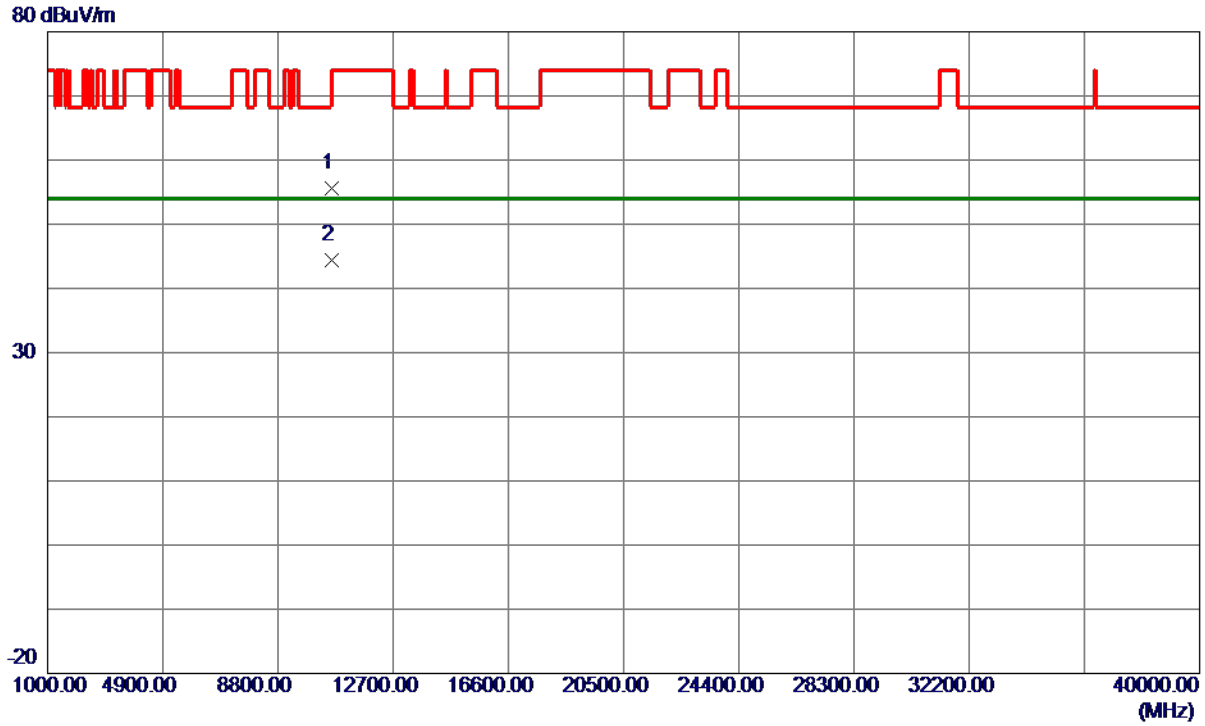


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5319.100	77.56	16.55	94.11	68.30	25.81	AVG	No Limit
2	*	5321.300	85.95	16.56	102.51	68.30	34.21	peak	No Limit
3		5350.000	39.53	16.63	56.16	74.00	-17.84	peak	
4		5350.000	33.26	16.63	49.89	54.00	-4.11	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

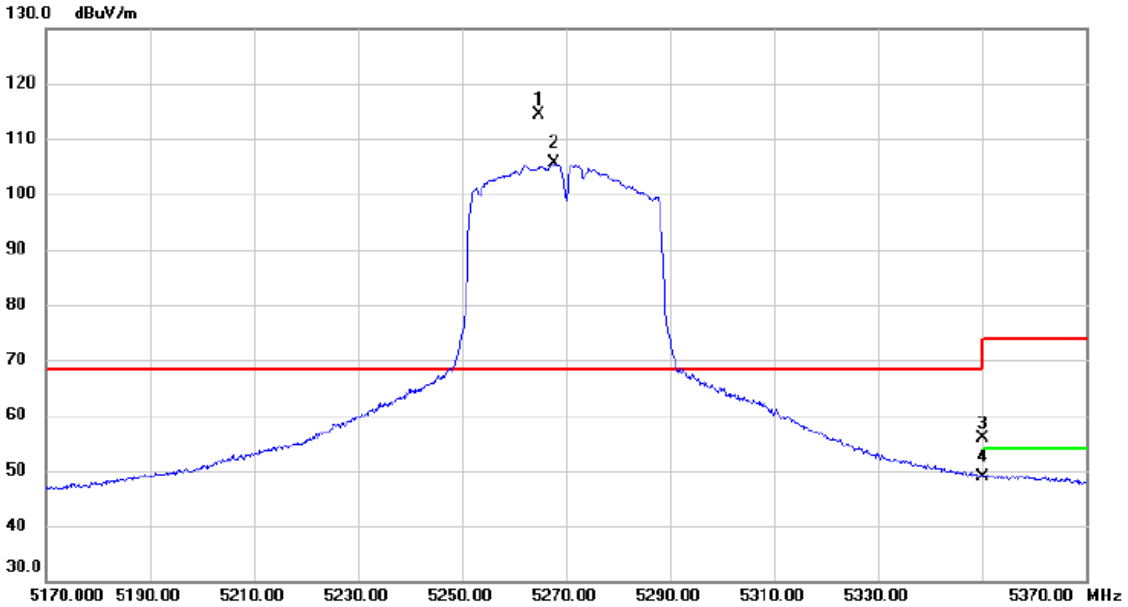


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10639.2080	41.95	13.72	55.67	74.00	-18.33	Peak	
2 *	10640.8680	30.64	13.72	44.36	54.00	-9.64	AVG	

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

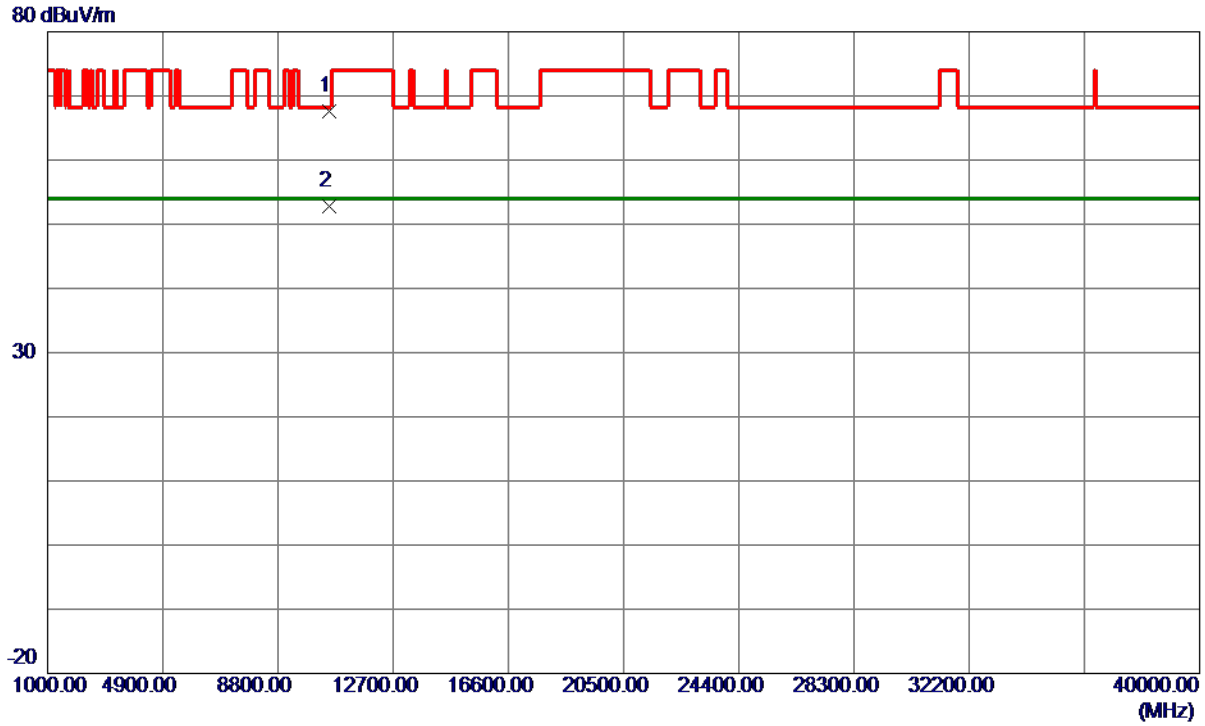


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5264.900	98.00	16.43	114.43	68.30	46.13	peak	No Limit
2	X	5267.800	89.16	16.44	105.60	68.30	37.30	AVG	No Limit
3		5350.000	39.33	16.63	55.96	74.00	-18.04	peak	
4		5350.000	32.31	16.63	48.94	54.00	-5.06	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

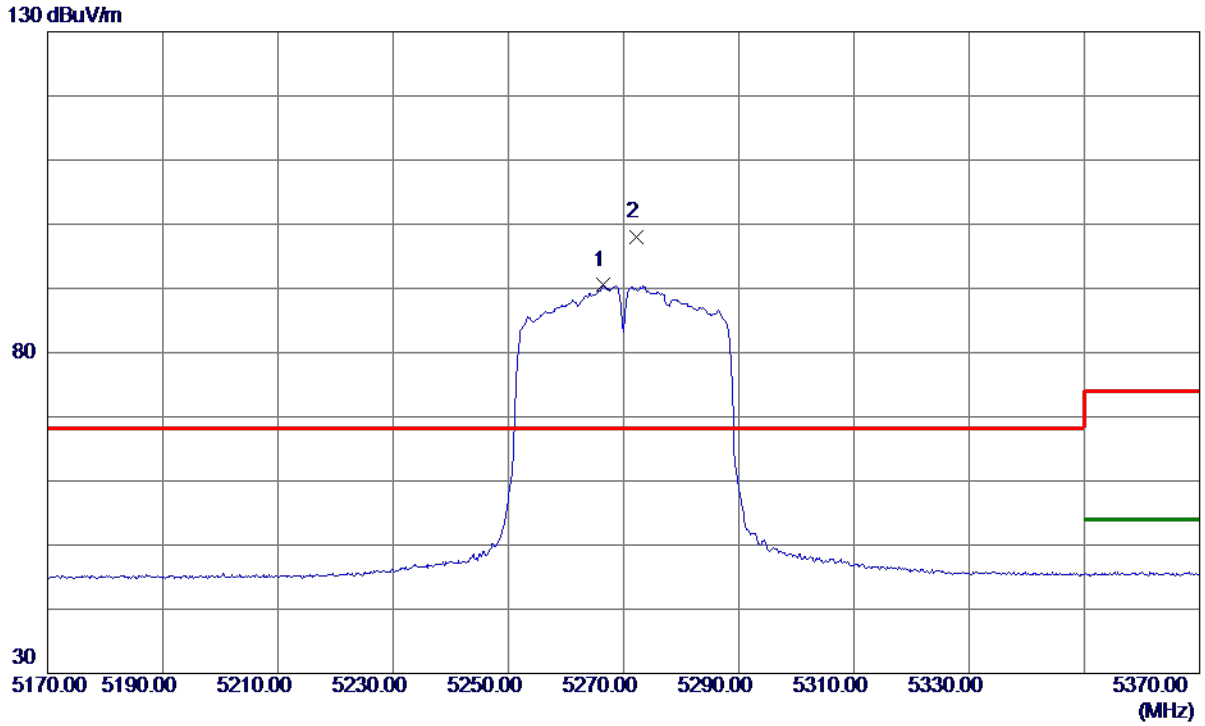


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10539.8350	53.92	13.67	67.59	68.30	-0.71	Peak	
2	10539.9280	39.05	13.67	52.72	54.00	-1.28	AVG	

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

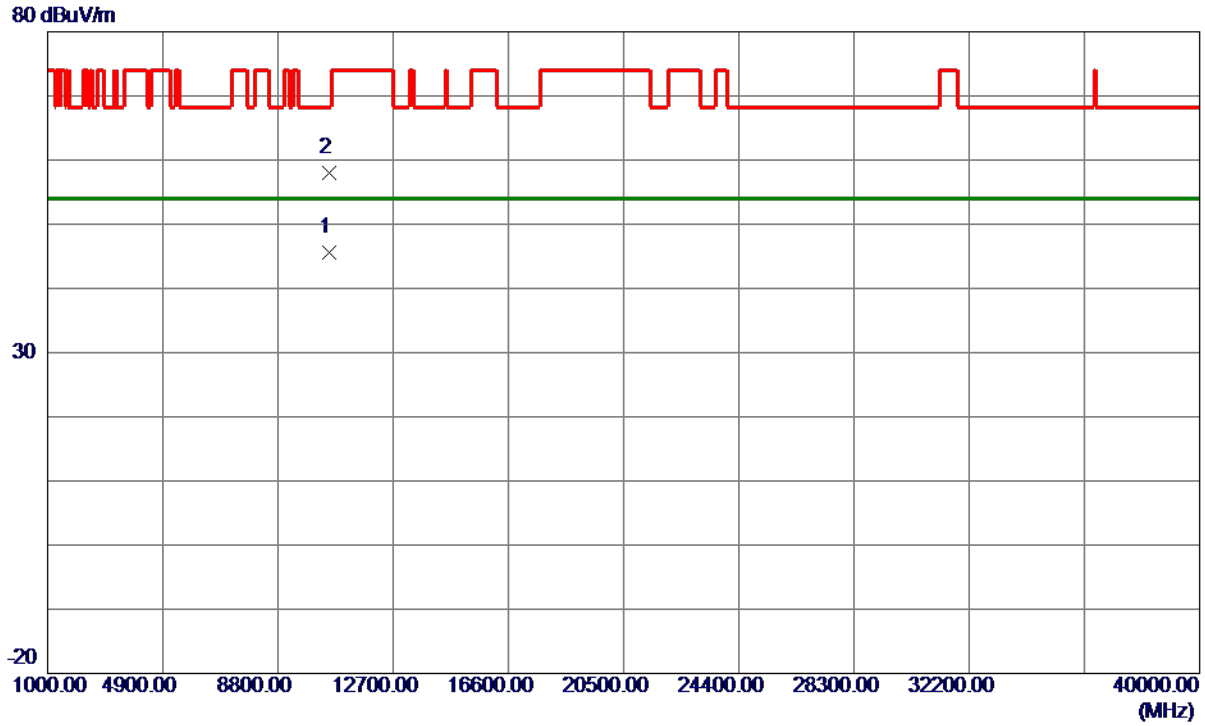


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5266.4000	74.07	16.43	90.50	999.00	-908.50	AVG	No Limit
2 *	5272.2000	81.58	16.45	98.03	68.30	29.73	Peak	No Limit

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

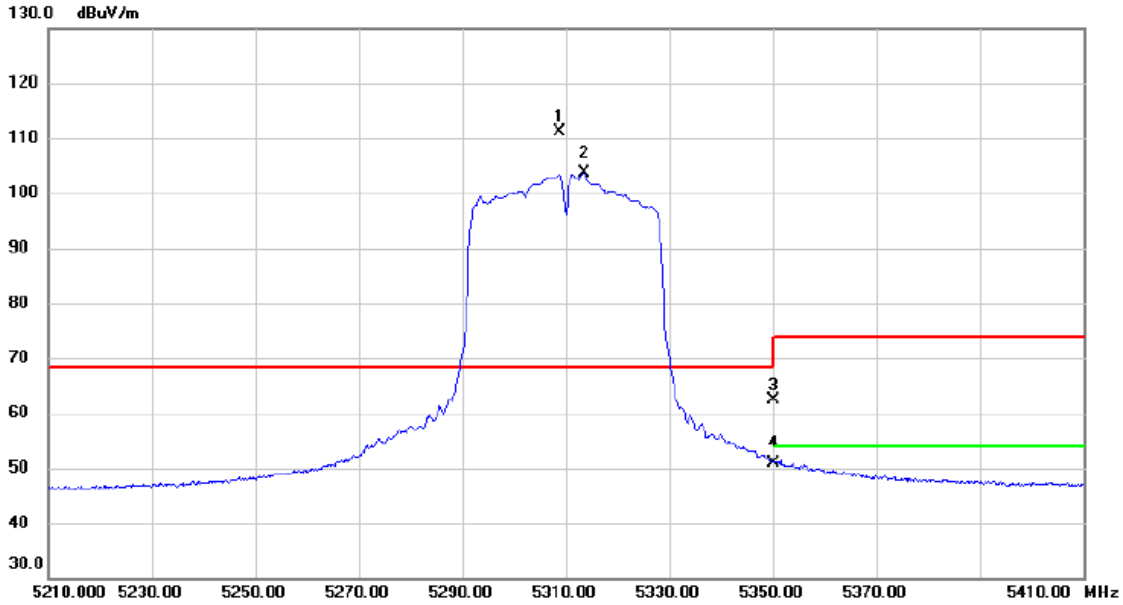


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10540.8070	31.96	13.67	45.63	54.00	-8.37	AVG	
2	10540.8560	44.29	13.67	57.96	68.30	-10.34	Peak	

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

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

Vertical

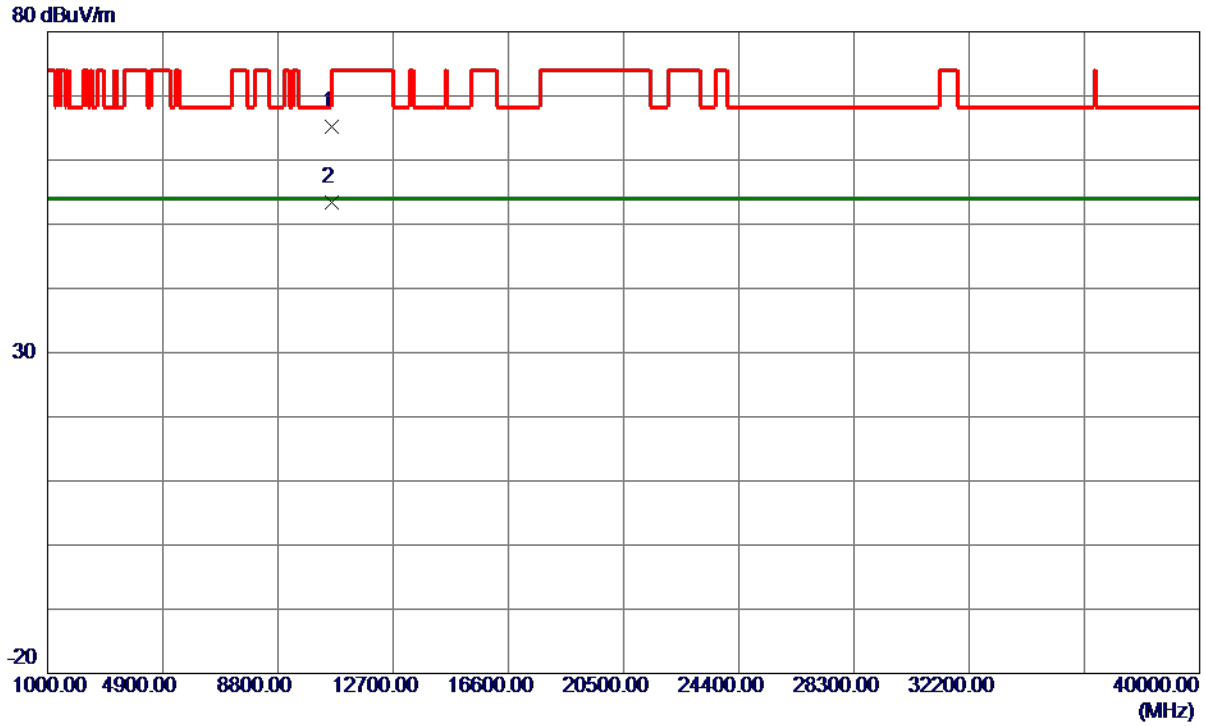


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5308.800	94.66	16.53	111.19	68.30	42.89	peak	No Limit
2	X	5313.500	87.11	16.53	103.64	68.30	35.34	AVG	No Limit
3		5350.000	45.81	16.63	62.44	74.00	-11.56	peak	
4		5350.000	34.37	16.63	51.00	54.00	-3.00	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

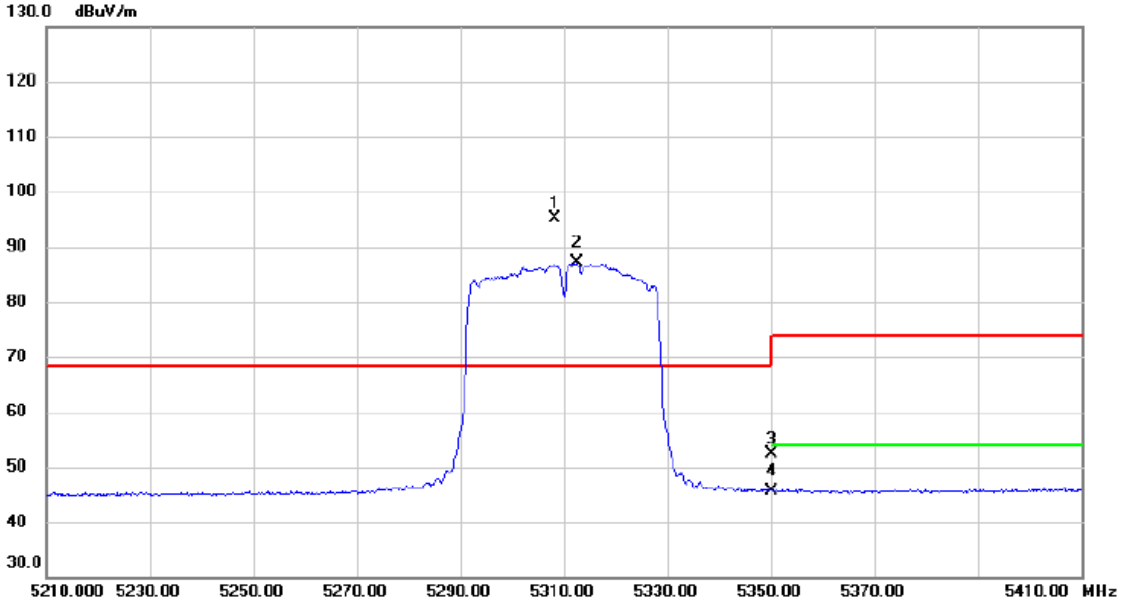


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10619.3350	51.47	13.71	65.18	74.00	-8.82	Peak	
2 *	10620.4420	39.61	13.71	53.32	54.00	-0.68	AVG	

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

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

Horizontal

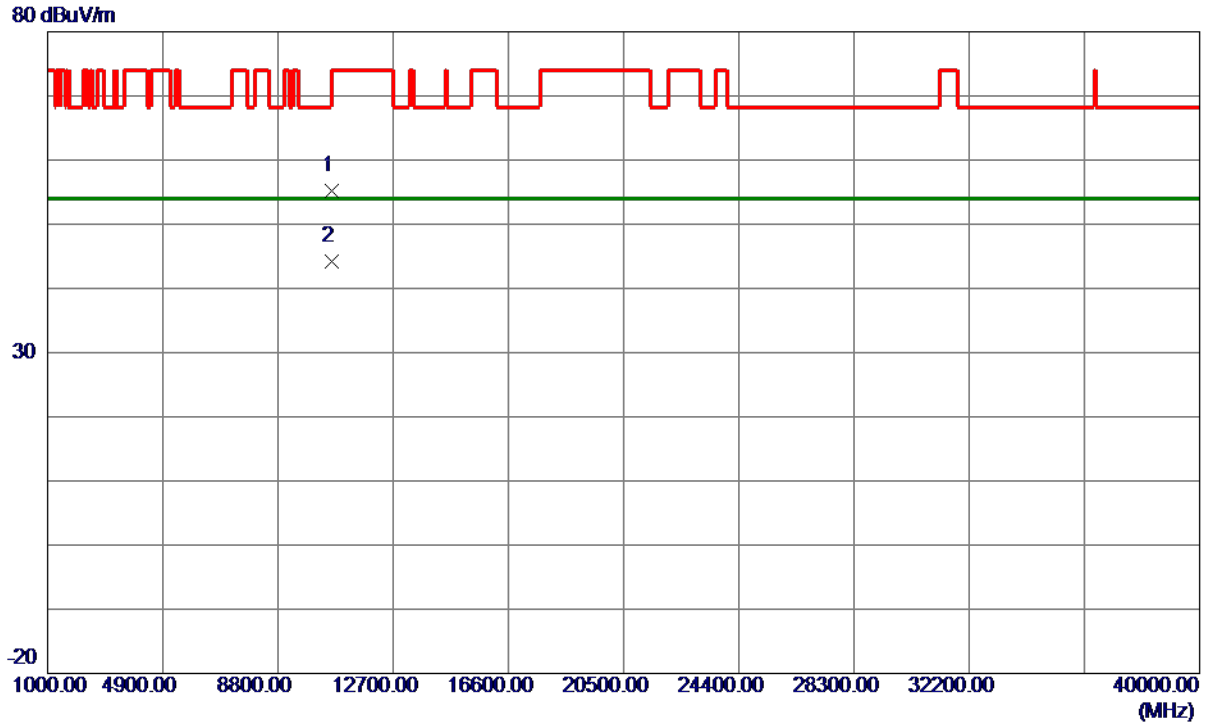


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5308.200	78.65	16.52	95.17	68.30	26.87	peak	No Limit
2	X	5312.600	70.52	16.53	87.05	68.30	18.75	AVG	No Limit
3		5350.000	35.72	16.63	52.35	74.00	-21.65	peak	
4		5350.000	29.12	16.63	45.75	54.00	-8.25	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

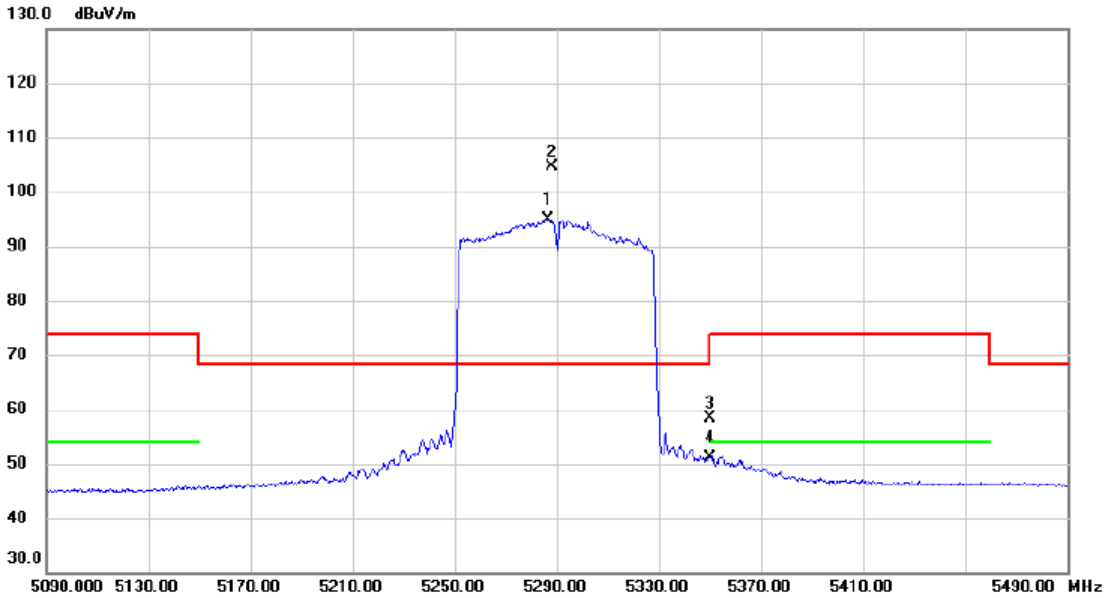


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10619.8820	41.51	13.71	55.22	74.00	-18.78	Peak	
2 *	10620.5679	30.58	13.71	44.29	54.00	-9.71	AVG	

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

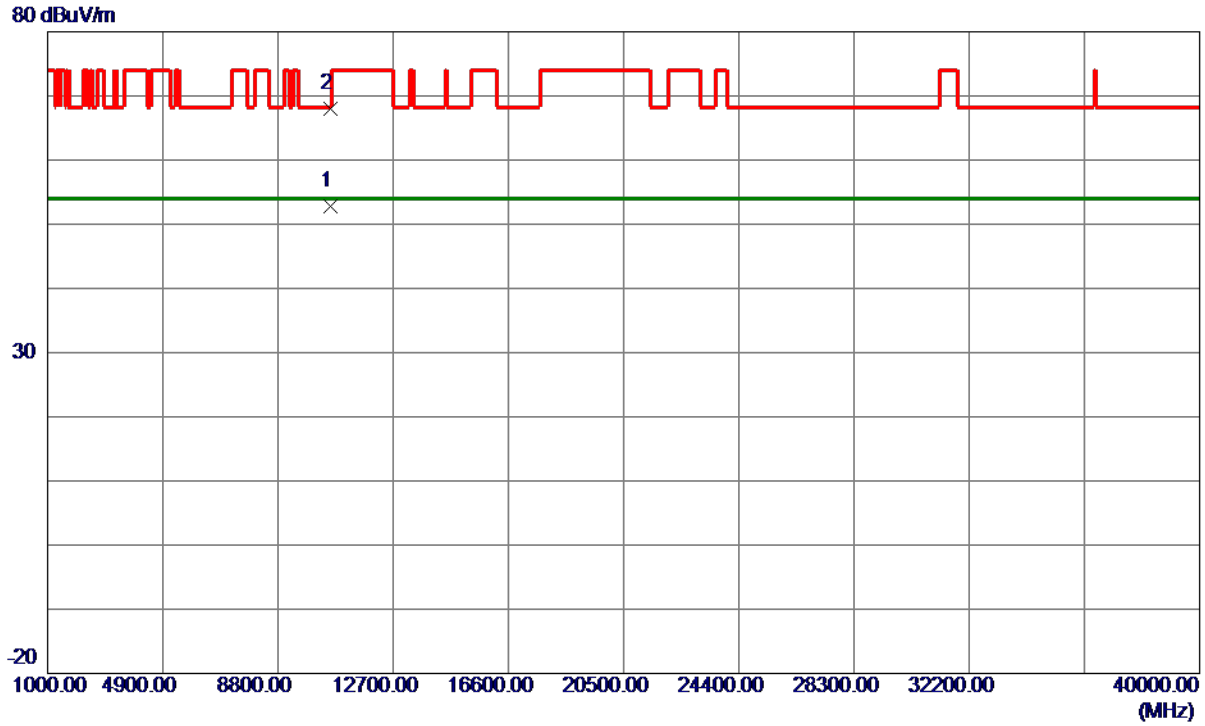


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5286.400	78.43	16.49	94.92	68.30	26.62	AVG	No Limit
2	*	5288.200	88.14	16.49	104.63	68.30	36.33	peak	No Limit
3		5350.000	41.87	16.63	58.50	74.00	-15.50	peak	
4		5350.000	34.58	16.63	51.21	54.00	-2.79	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

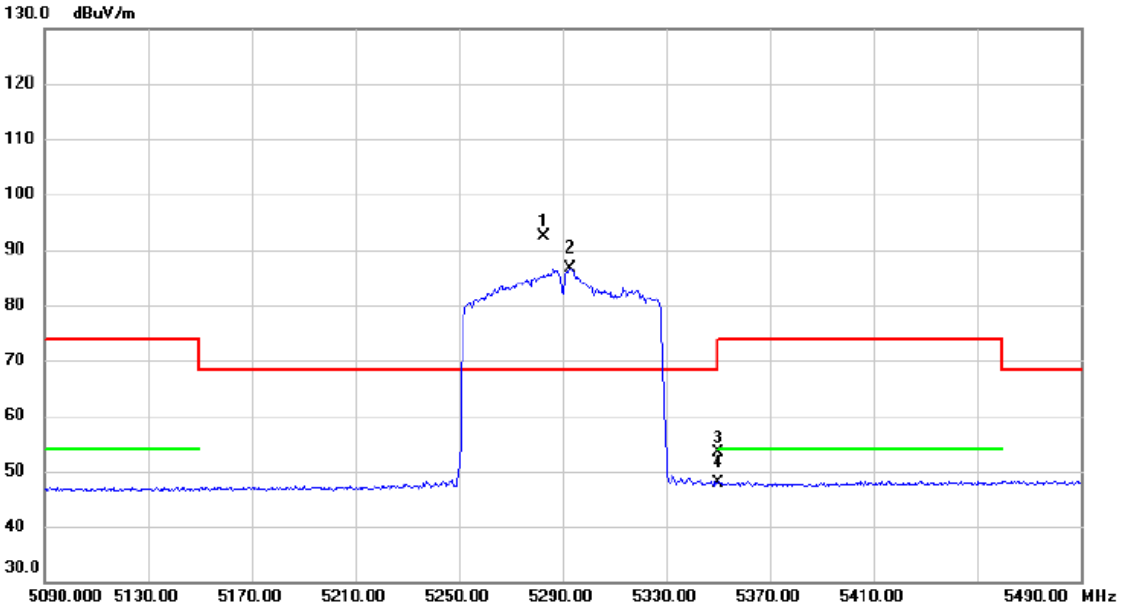


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10580.6849	39.05	13.69	52.74	54.00	-1.26	AVG	
2 *	10581.0300	54.35	13.69	68.04	68.30	-0.26	Peak	

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

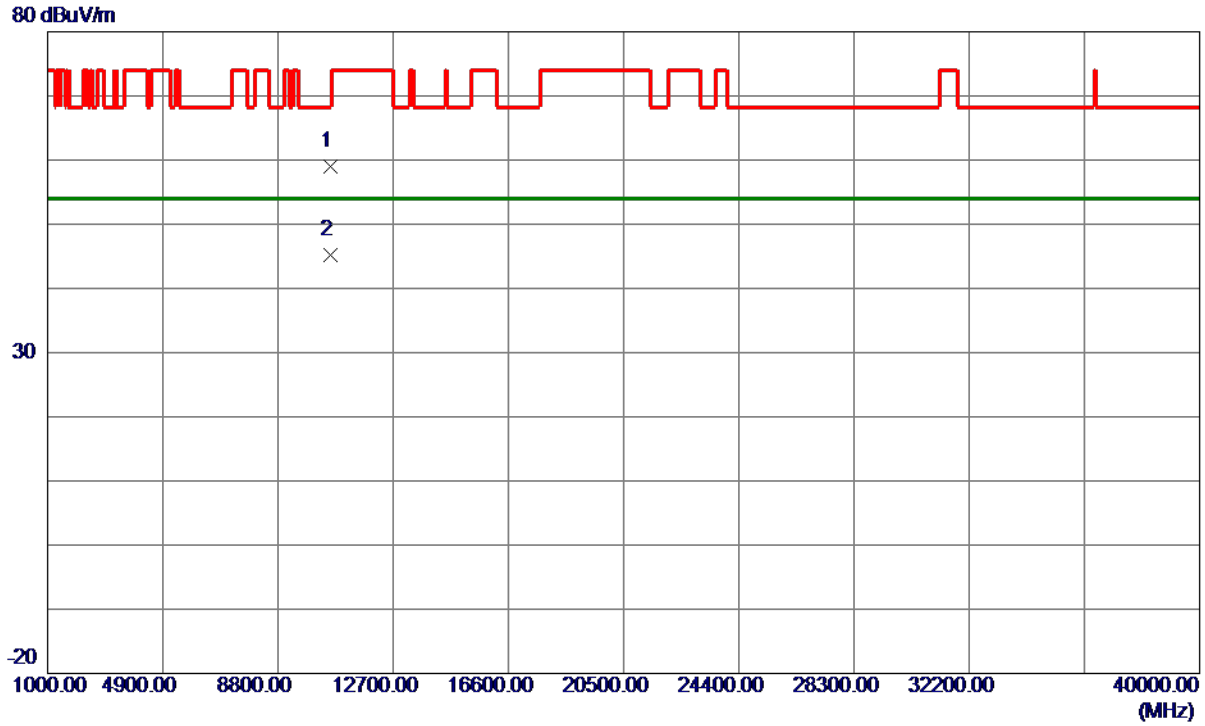


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5282.600	75.97	16.48	92.45	68.30	24.15	peak	No Limit
2	X	5293.200	70.25	16.50	86.75	68.30	18.45	AVG	No Limit
3		5350.000	36.82	16.63	53.45	74.00	-20.55	peak	
4		5350.000	31.36	16.63	47.99	54.00	-6.01	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

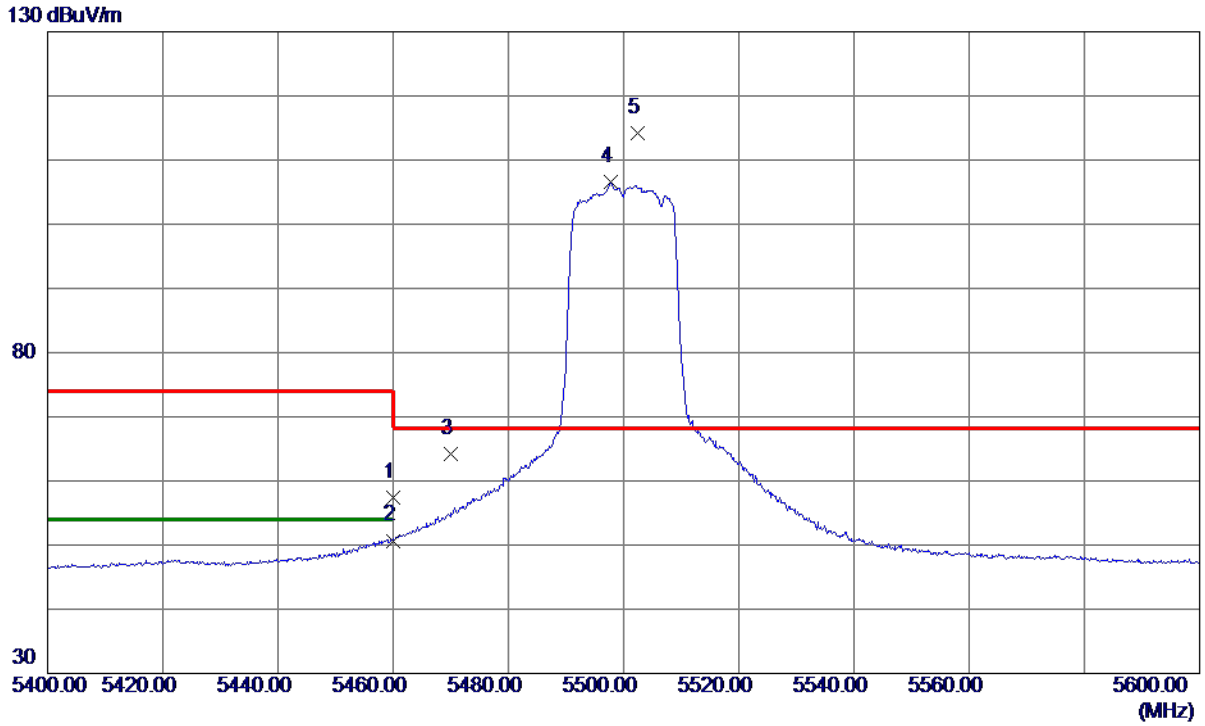


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10580.2020	45.28	13.69	58.97	68.30	-9.33	Peak	
2 *	10580.3869	31.55	13.69	45.24	54.00	-8.76	AVG	

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

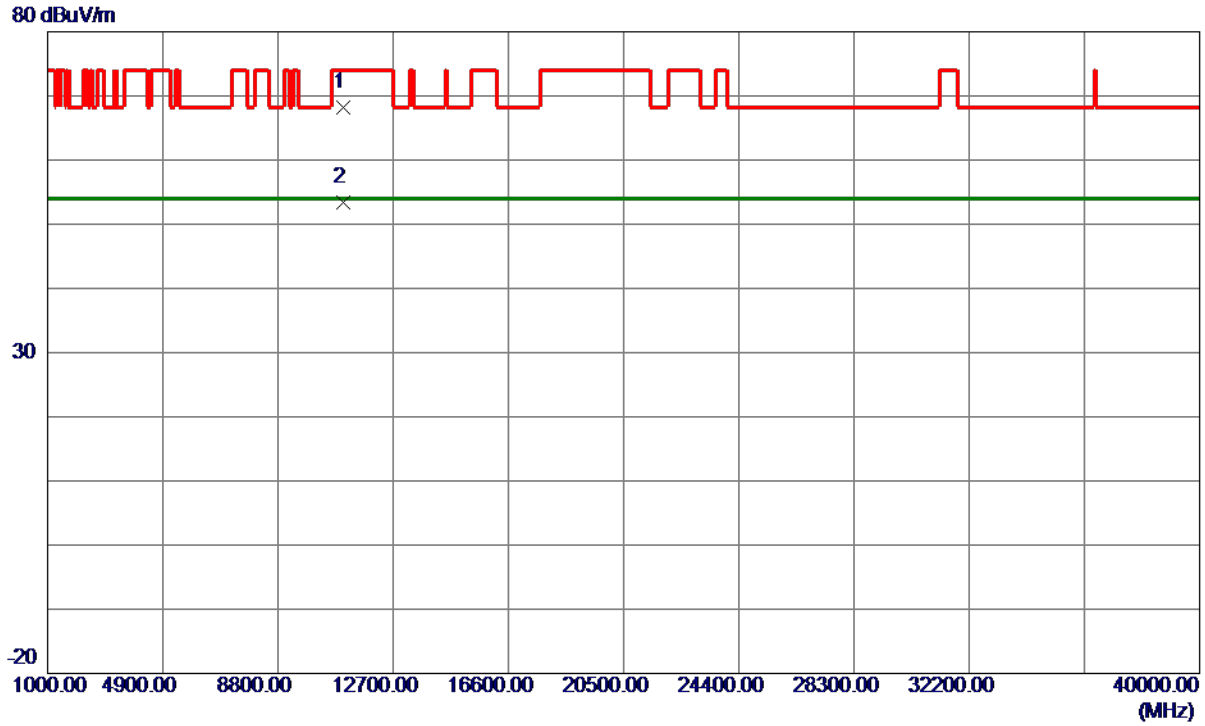


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	40.57	16.89	57.46	74.00	-16.54	Peak	
2	5460.0000	33.81	16.89	50.70	54.00	-3.30	AVG	
3	5470.0000	47.33	16.91	64.24	68.30	-4.06	Peak	
4	5497.7000	89.58	16.98	106.56	999.00	-892.44	AVG	No Limit
5 *	5502.5000	97.30	16.99	114.29	68.30	45.99	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

Vertical

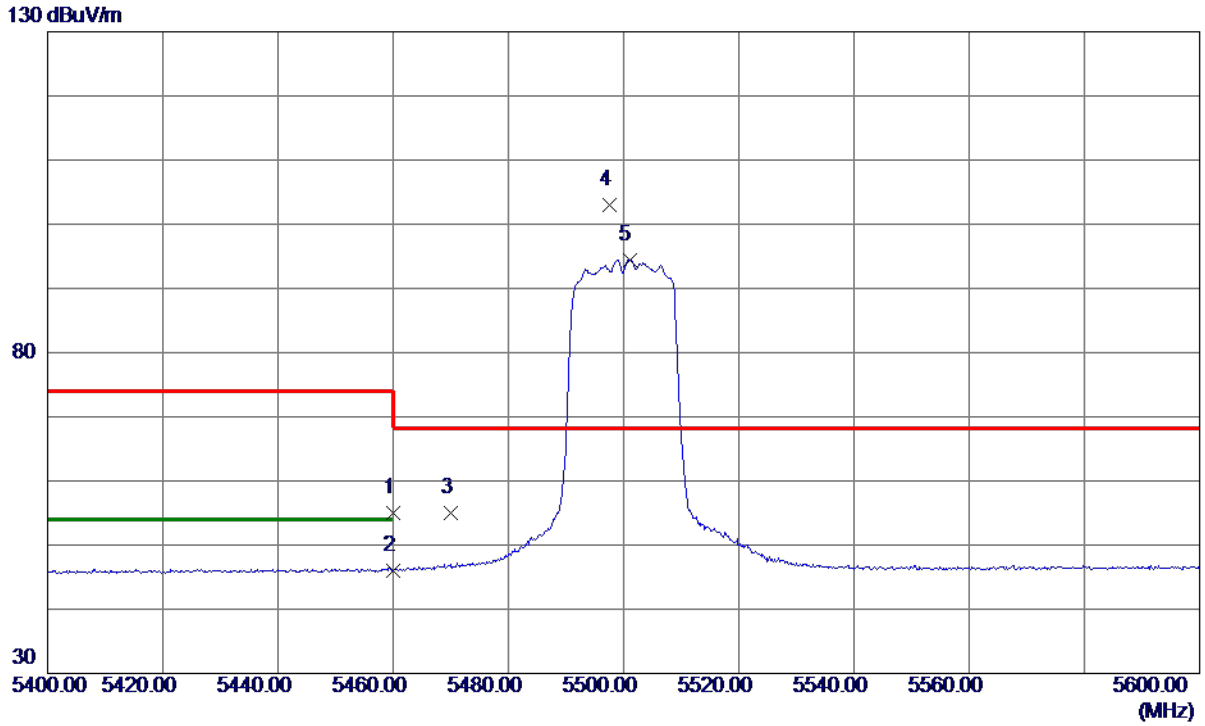


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10998.4420	54.26	13.92	68.18	74.00	-5.82	Peak	
2 *	10998.4500	39.48	13.92	53.40	54.00	-0.60	AVG	

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

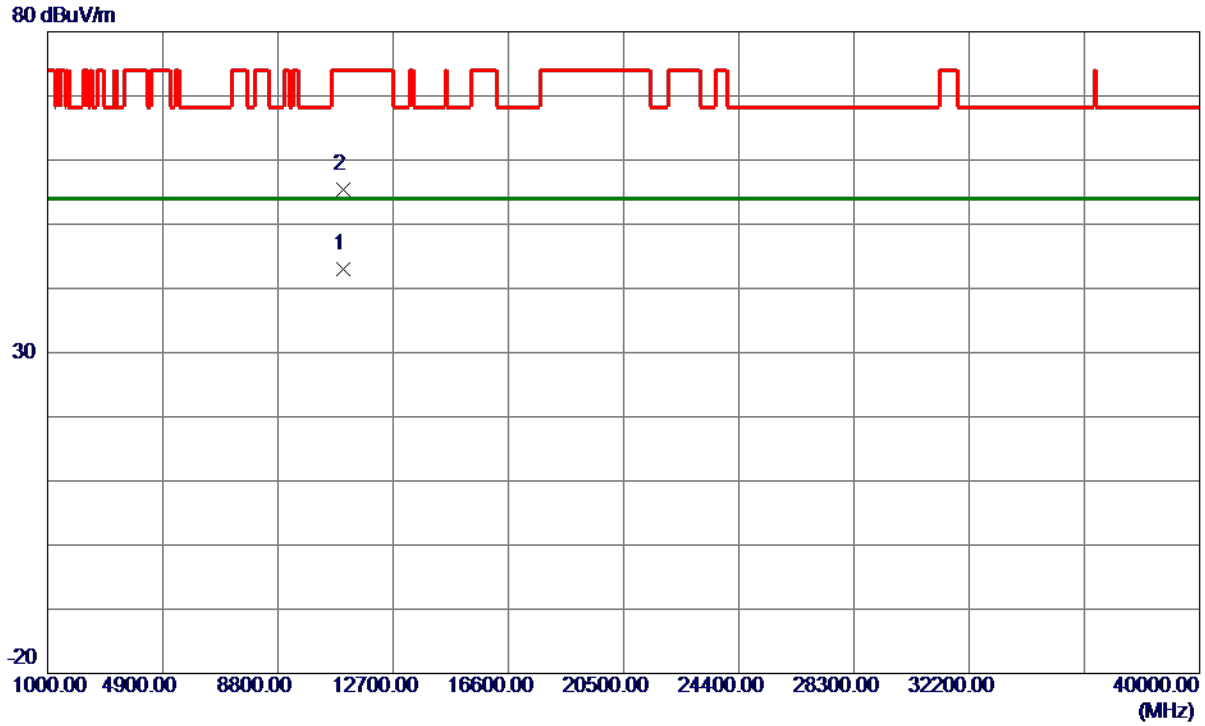


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	38.16	16.89	55.05	74.00	-18.95	Peak	
2	5460.0000	29.17	16.89	46.06	54.00	-7.94	AVG	
3	5470.0000	38.05	16.91	54.96	68.30	-13.34	Peak	
4 *	5497.5000	86.12	16.98	103.10	68.30	34.80	Peak	No Limit
5	5501.0000	77.42	16.99	94.41	999.00	-904.59	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

Horizontal

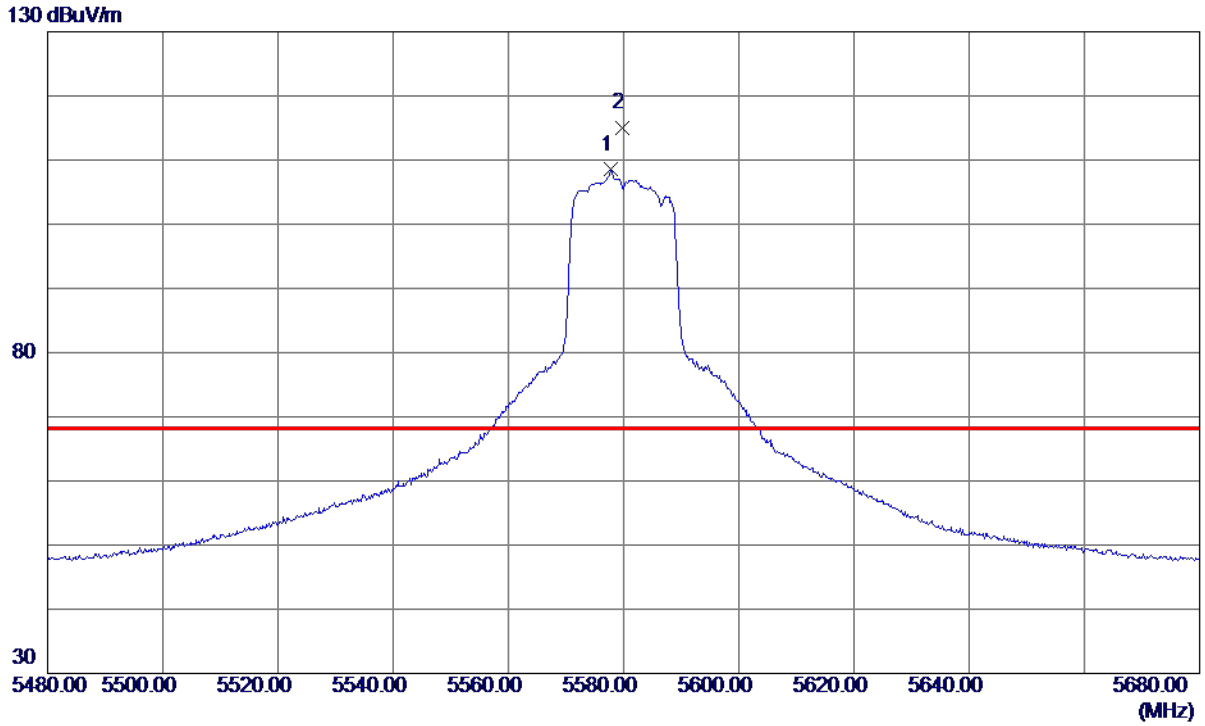


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11000.2180	29.12	13.92	43.04	54.00	-10.96	AVG	
2	11000.3060	41.43	13.92	55.35	74.00	-18.65	Peak	

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 5580 MHz

Vertical

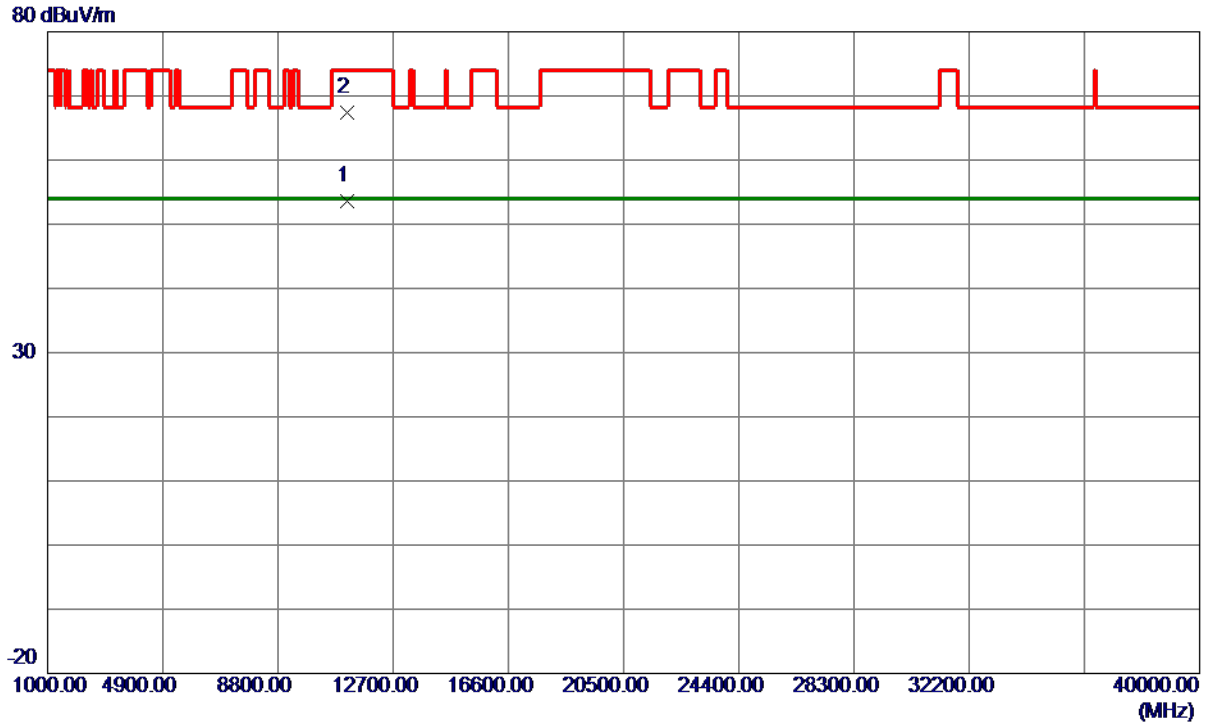


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5577.7000	91.28	17.22	108.50	999.00	-890.50	AVG	No Limit
2 *	5579.7000	97.74	17.22	114.96	68.30	46.66	Peak	No Limit

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

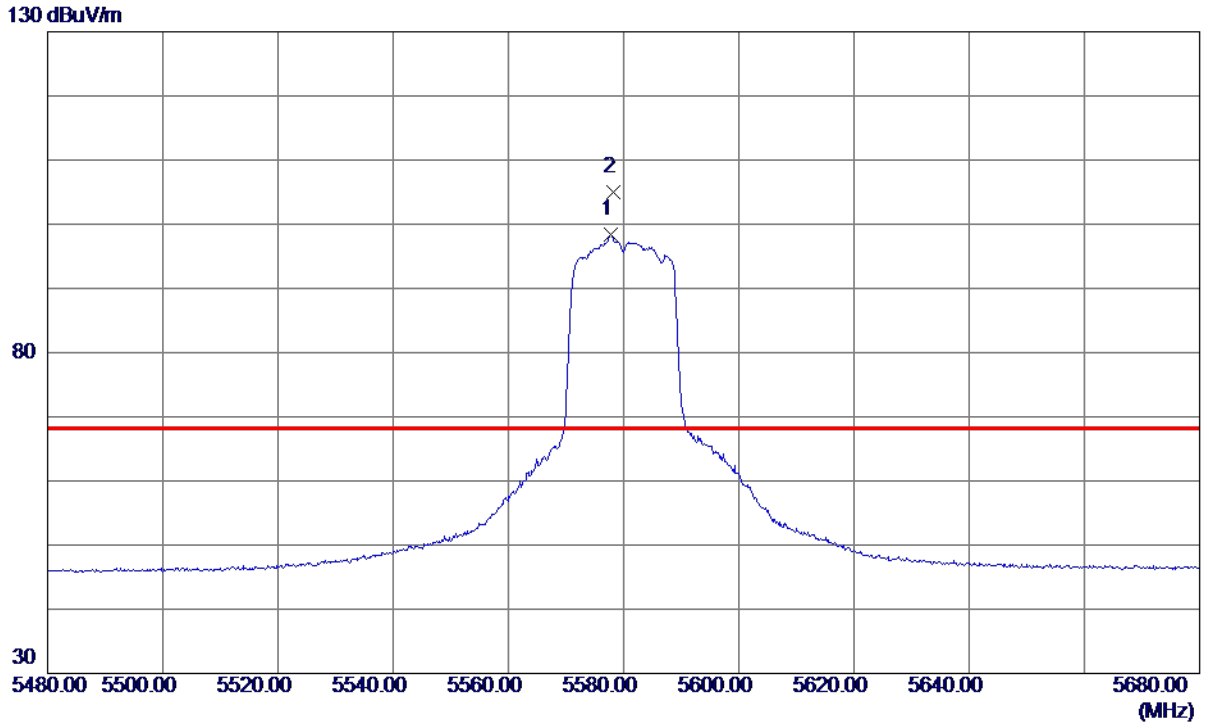


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11158.4029	39.57	14.12	53.69	54.00	-0.31	AVG	
2	11158.7000	53.26	14.12	67.38	74.00	-6.62	Peak	

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 5580 MHz

Horizontal

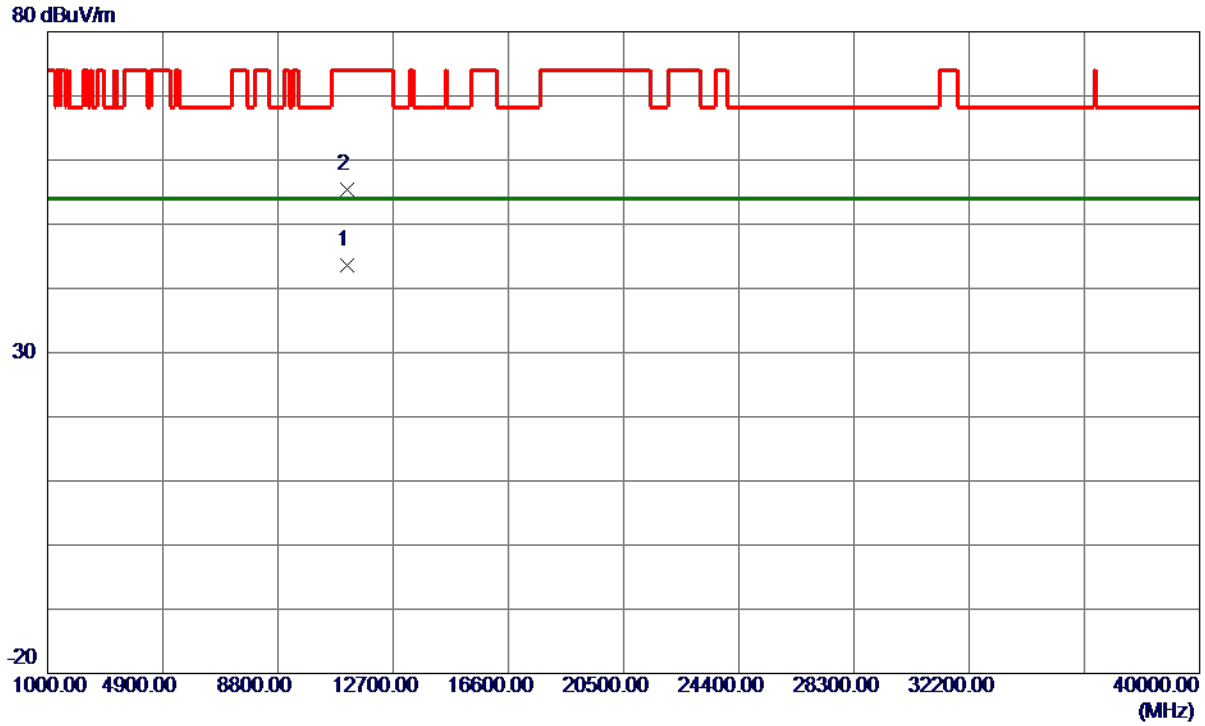


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5577.7000	81.25	17.22	98.47	999.00	-900.53	AVG	No Limit
2 *	5578.2000	87.73	17.22	104.95	68.30	36.65	Peak	No Limit

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

Horizontal

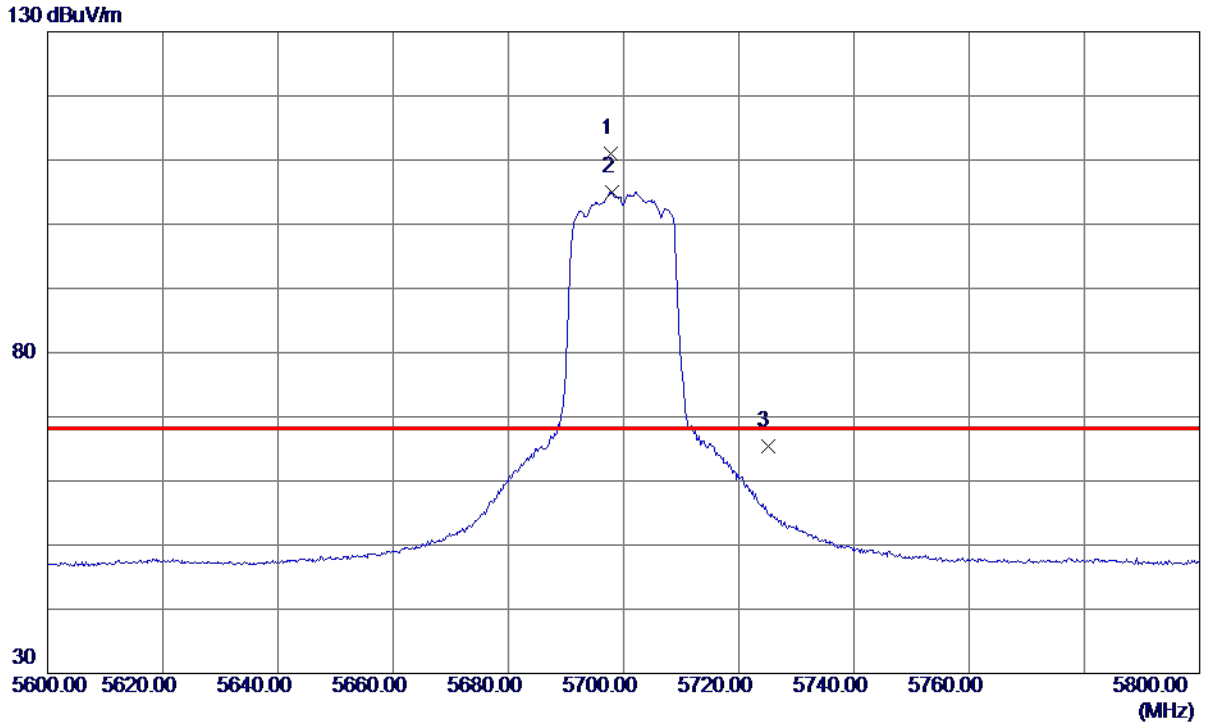


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11160.5020	29.50	14.13	43.63	54.00	-10.37	AVG	
2	11160.8860	41.36	14.13	55.49	74.00	-18.51	Peak	

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

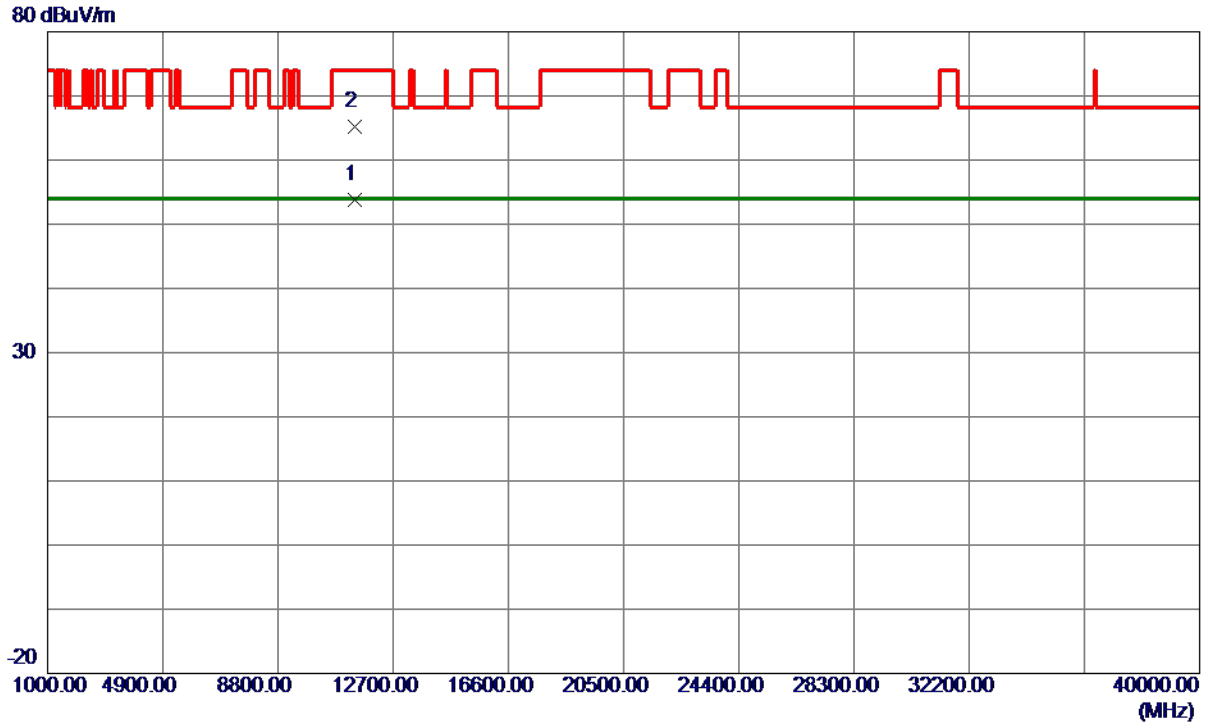


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5697.8809	93.38	17.57	110.95	68.30	42.65	Peak	No Limit
2	5697.9000	87.52	17.57	105.09	999.00	-893.91	AVG	No Limit
3	5725.0000	47.80	17.65	65.45	68.30	-2.85	Peak	

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

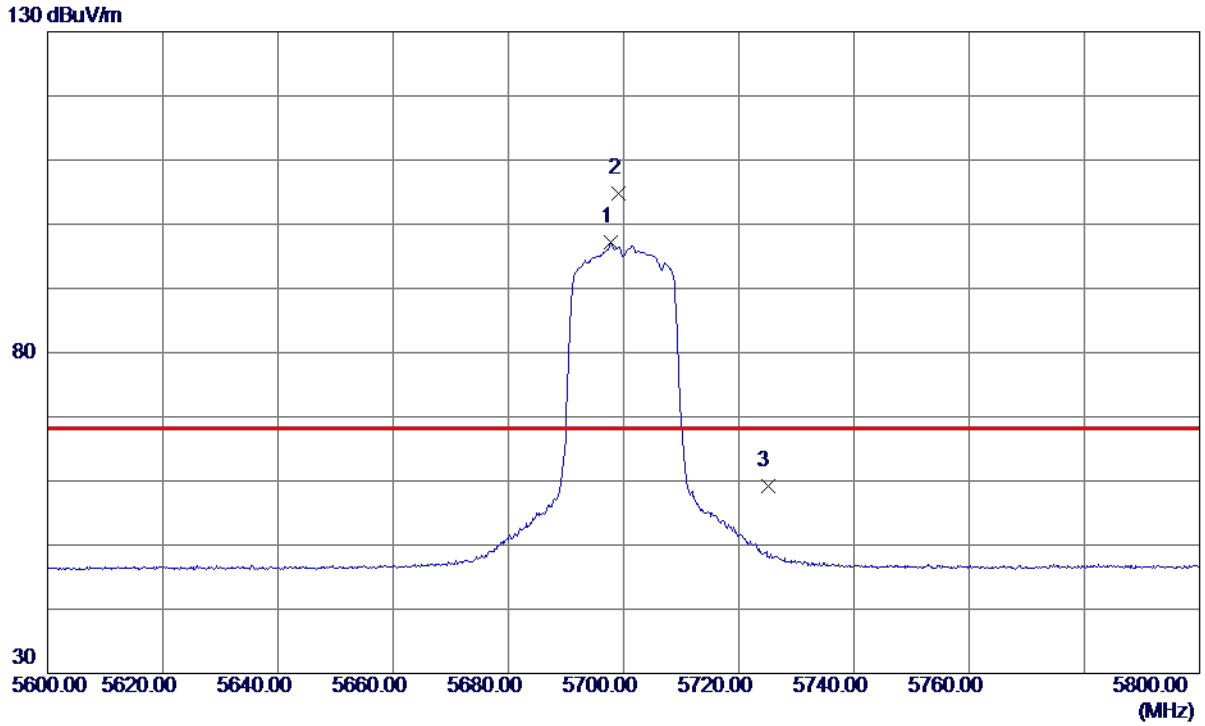


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11399.6950	39.38	14.44	53.82	54.00	-0.18	AVG	
2	11400.0420	50.80	14.44	65.24	74.00	-8.76	Peak	

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

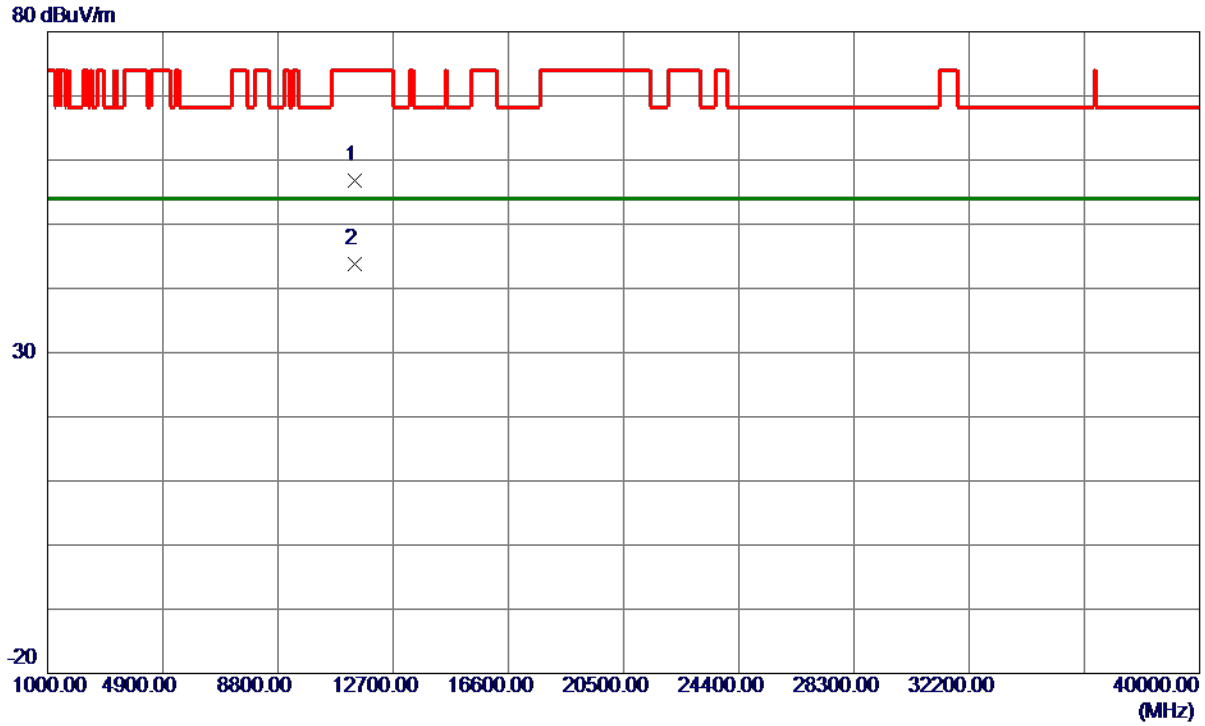


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5697.7000	79.65	17.57	97.22	999.00	-901.78	AVG	No Limit
2 *	5699.2000	87.23	17.58	104.81	68.30	36.51	Peak	No Limit
3	5725.0000	41.56	17.65	59.21	68.30	-9.09	Peak	

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

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

Horizontal

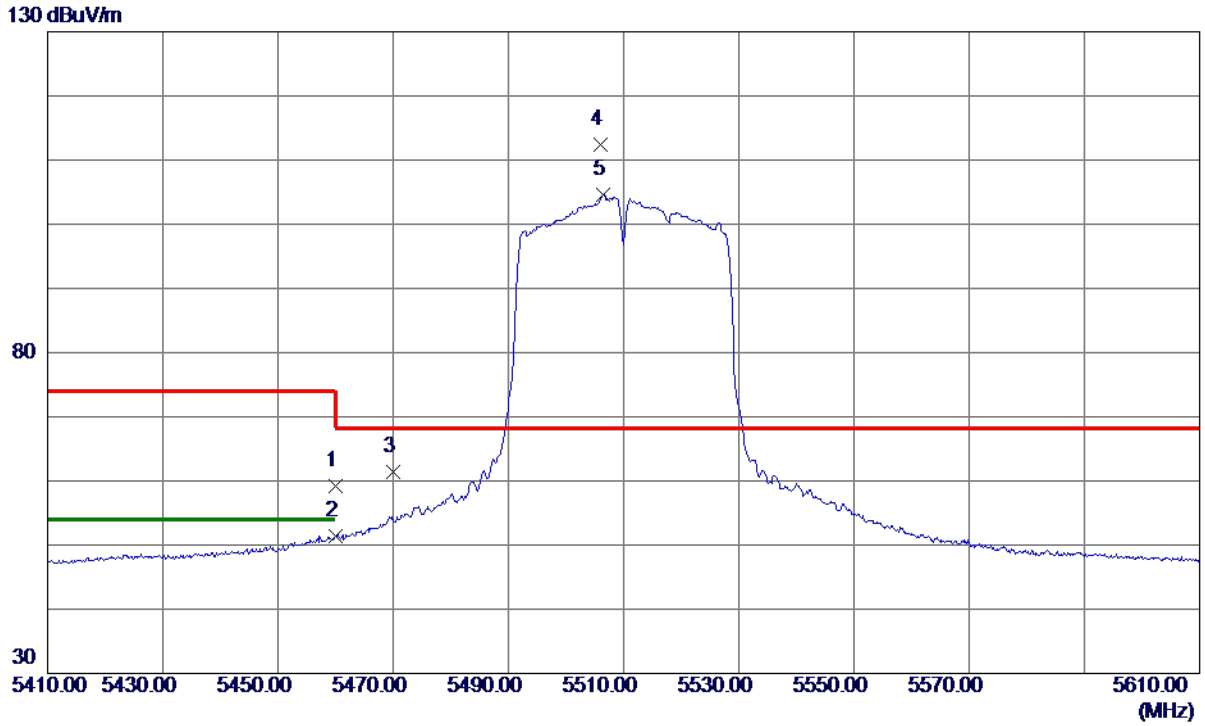


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11399.0599	42.36	14.43	56.79	74.00	-17.21	Peak	
2 *	11399.6880	29.36	14.44	43.80	54.00	-10.20	AVG	

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

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

Vertical

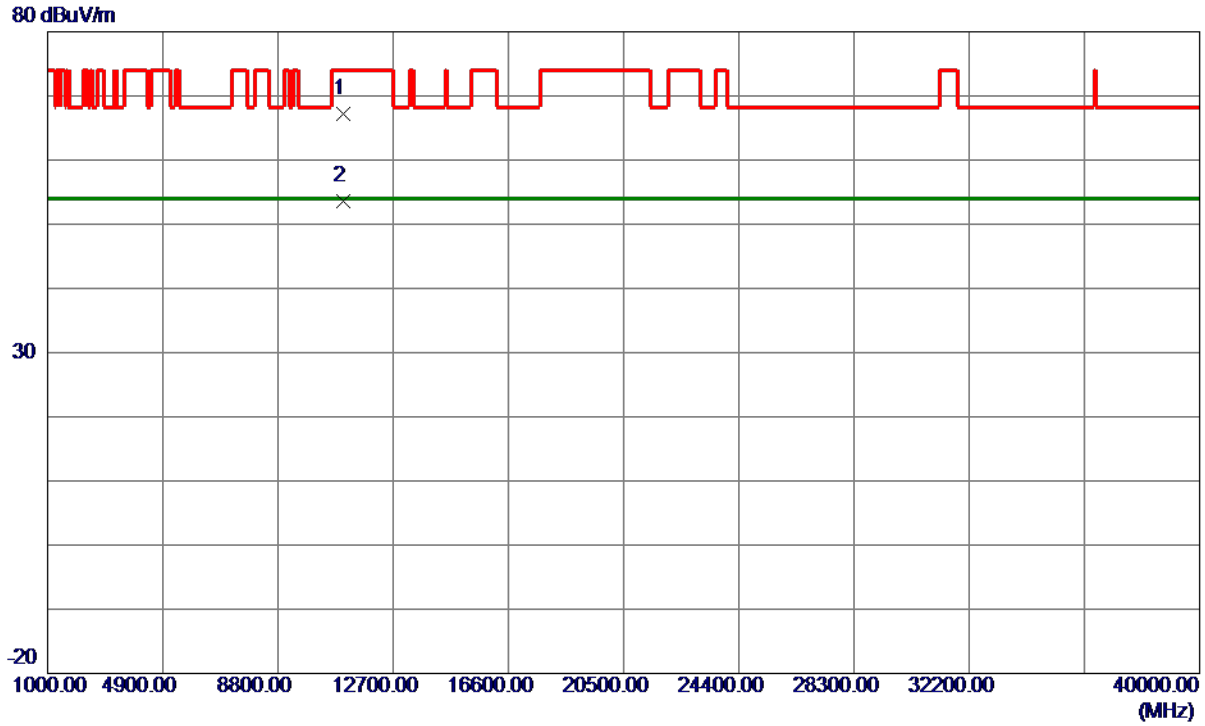


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	42.29	16.89	59.18	74.00	-14.82	Peak	
2	5460.0000	34.56	16.89	51.45	54.00	-2.55	AVG	
3	5470.0000	44.53	16.91	61.44	68.30	-6.86	Peak	
4 *	5506.0000	95.39	17.00	112.39	68.30	44.09	Peak	No Limit
5	5506.5000	87.67	17.00	104.67	999.00	-894.33	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

Vertical

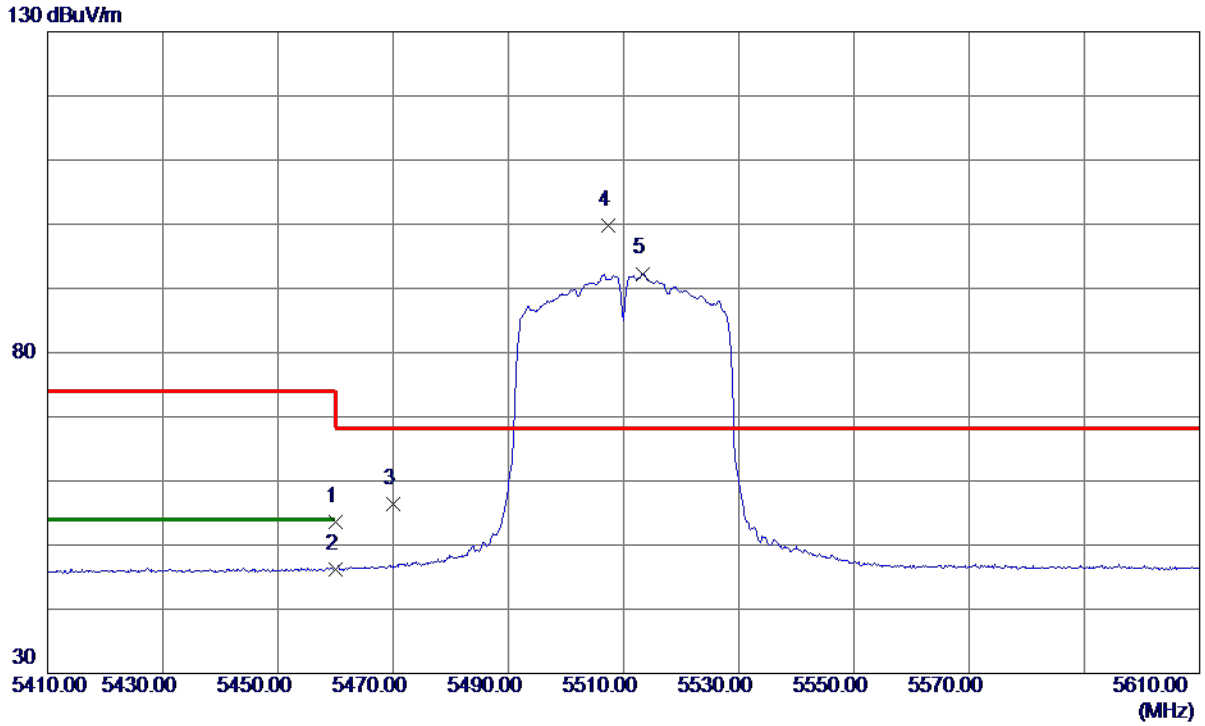


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11019.4600	53.24	13.94	67.18	74.00	-6.82	Peak	
2 *	11019.7630	39.65	13.95	53.60	54.00	-0.40	AVG	

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

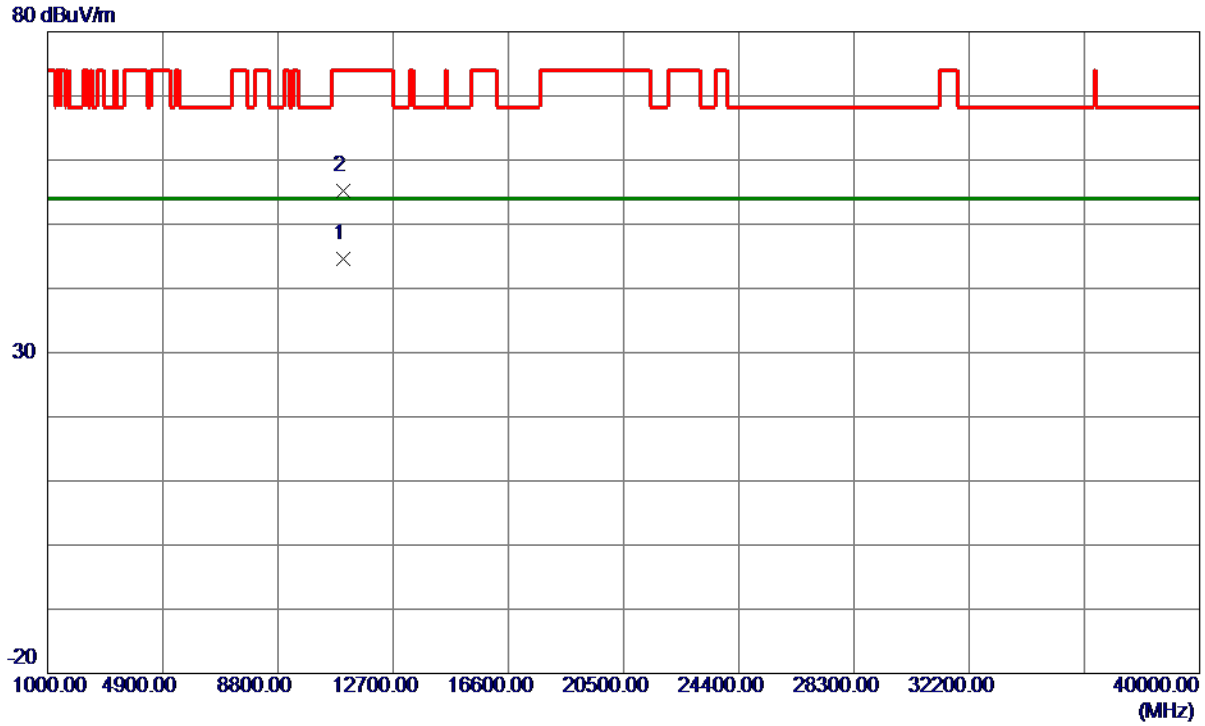


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	36.63	16.89	53.52	74.00	-20.48	Peak	
2	5460.0000	29.27	16.89	46.16	54.00	-7.84	AVG	
3	5470.0000	39.43	16.91	56.34	68.30	-11.96	Peak	
4 *	5507.3000	82.76	17.01	99.77	68.30	31.47	Peak	No Limit
5	5513.3000	75.28	17.02	92.30	999.00	-906.70	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

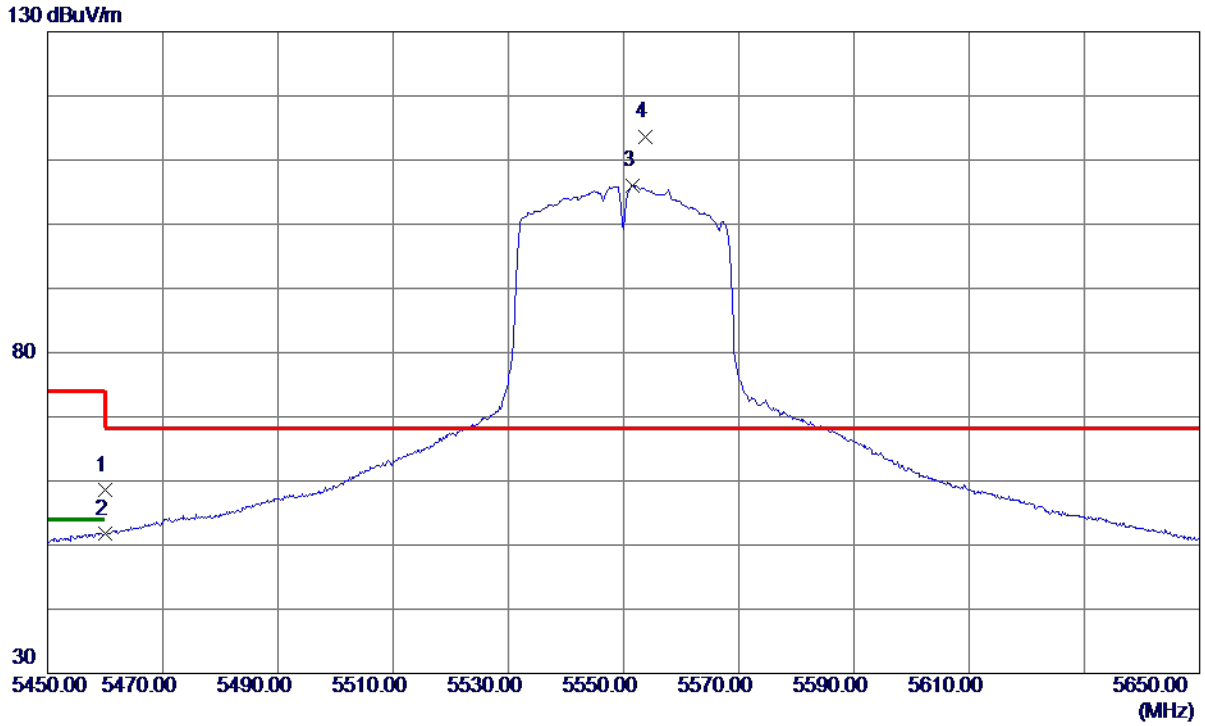


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11019.1340	30.73	13.94	44.67	54.00	-9.33	AVG	
2	11019.8160	41.30	13.95	55.25	74.00	-18.75	Peak	

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 5550 MHz

Vertical

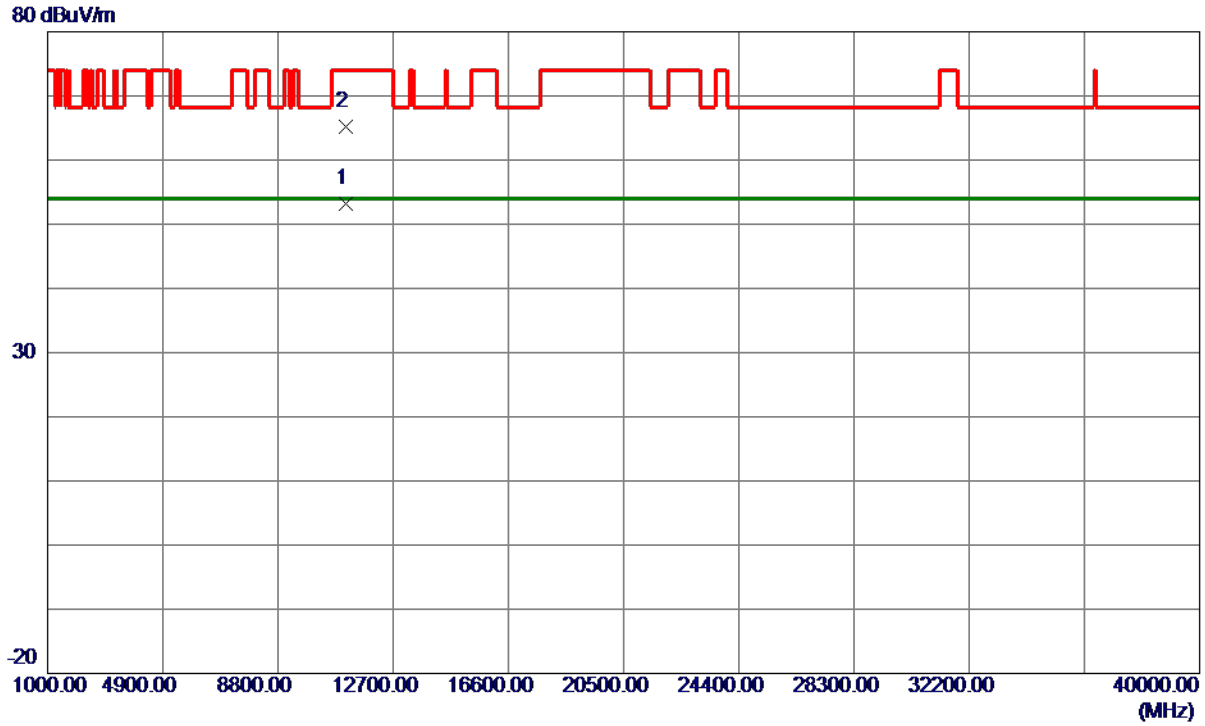


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	41.61	16.89	58.50	74.00	-15.50	Peak	
2	5460.0000	34.81	16.89	51.70	54.00	-2.30	AVG	
3	5551.6000	88.88	17.14	106.02	999.00	-892.98	AVG	No Limit
4 *	5553.8000	96.49	17.14	113.63	68.30	45.33	Peak	No Limit

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

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

Vertical

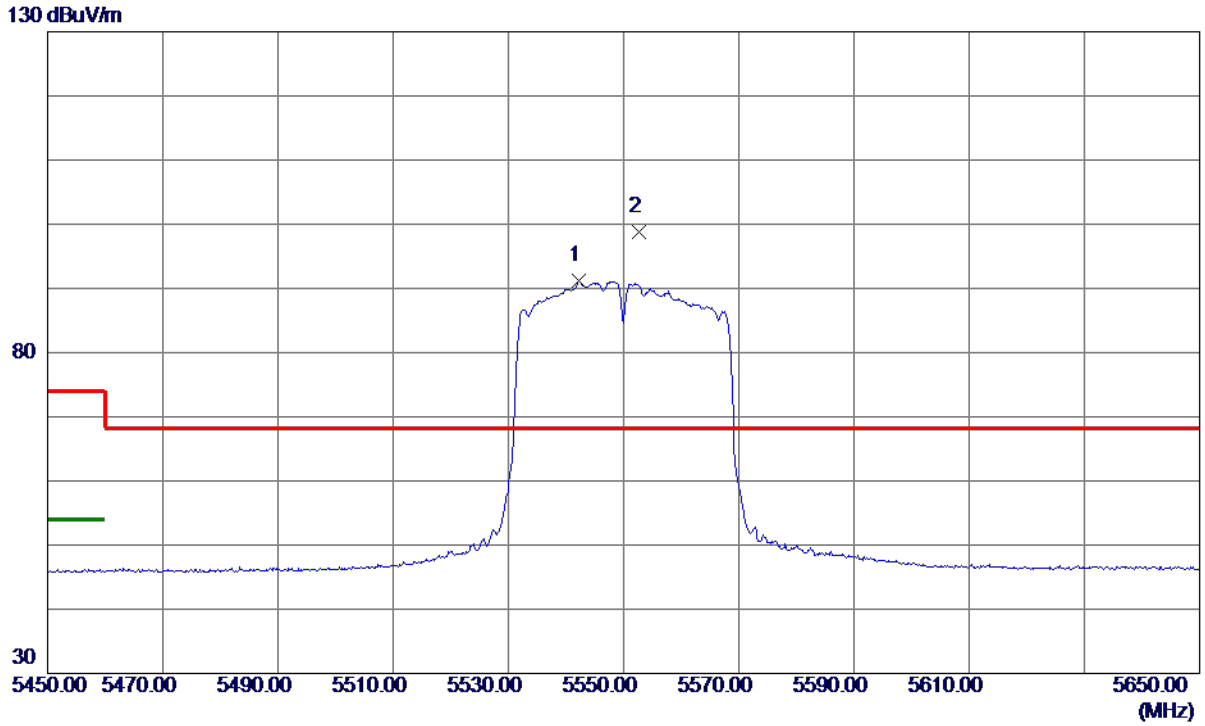


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11097.9750	39.22	14.05	53.27	54.00	-0.73	AVG	
2	11101.0170	51.23	14.05	65.28	74.00	-8.72	Peak	

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 5550 MHz

Horizontal

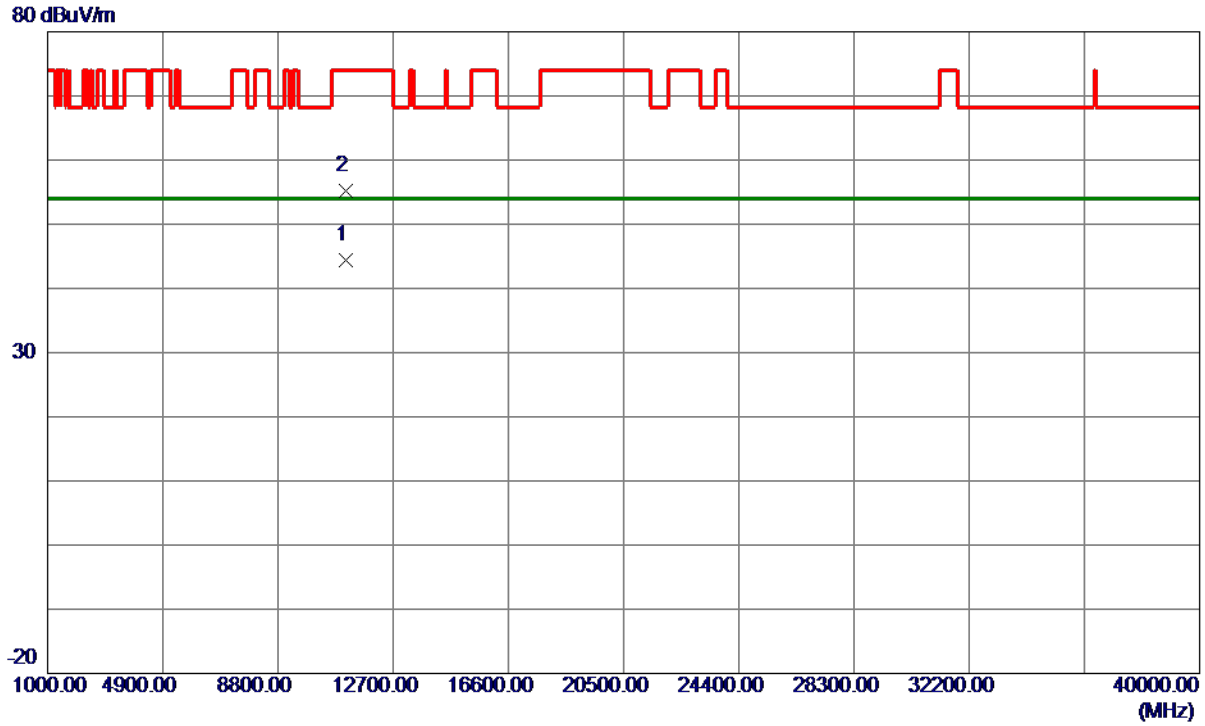


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5542.2000	74.01	17.11	91.12	999.00	-907.88	AVG	No Limit
2 *	5552.7000	81.60	17.14	98.74	68.30	30.44	Peak	No Limit

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

Horizontal

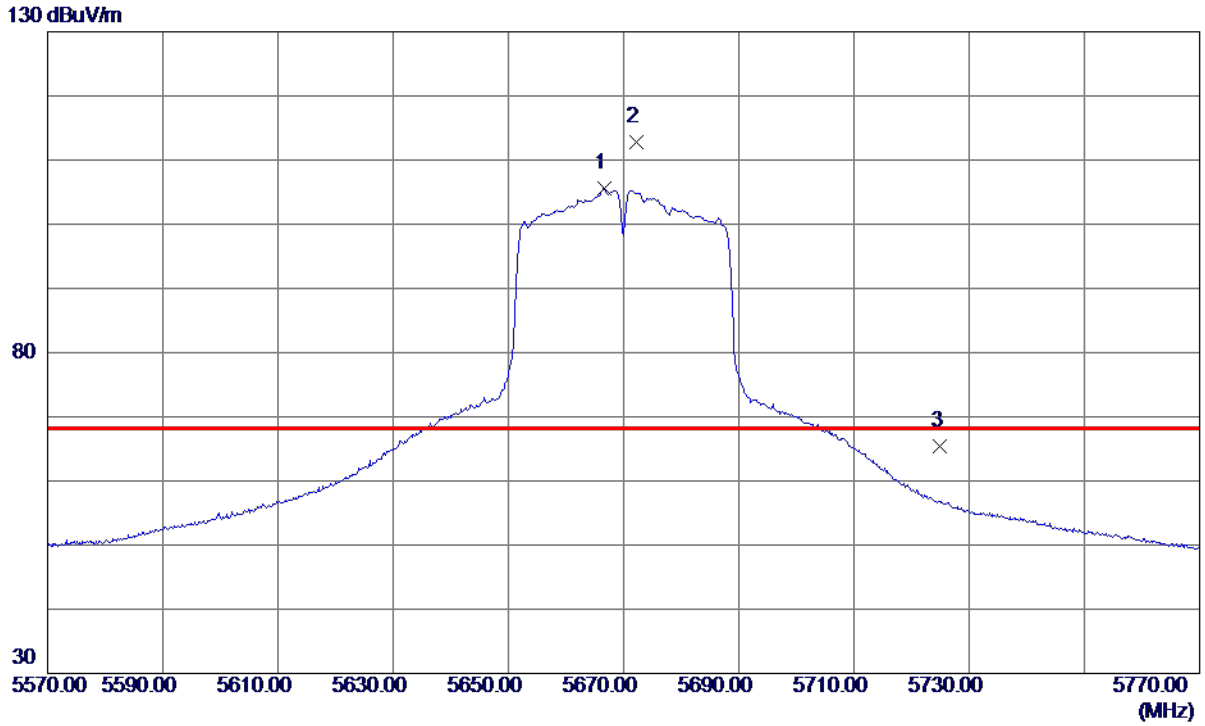


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11100.2180	30.26	14.05	44.31	54.00	-9.69	AVG	
2	11100.6840	41.18	14.05	55.23	74.00	-18.77	Peak	

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 5670 MHz

Vertical

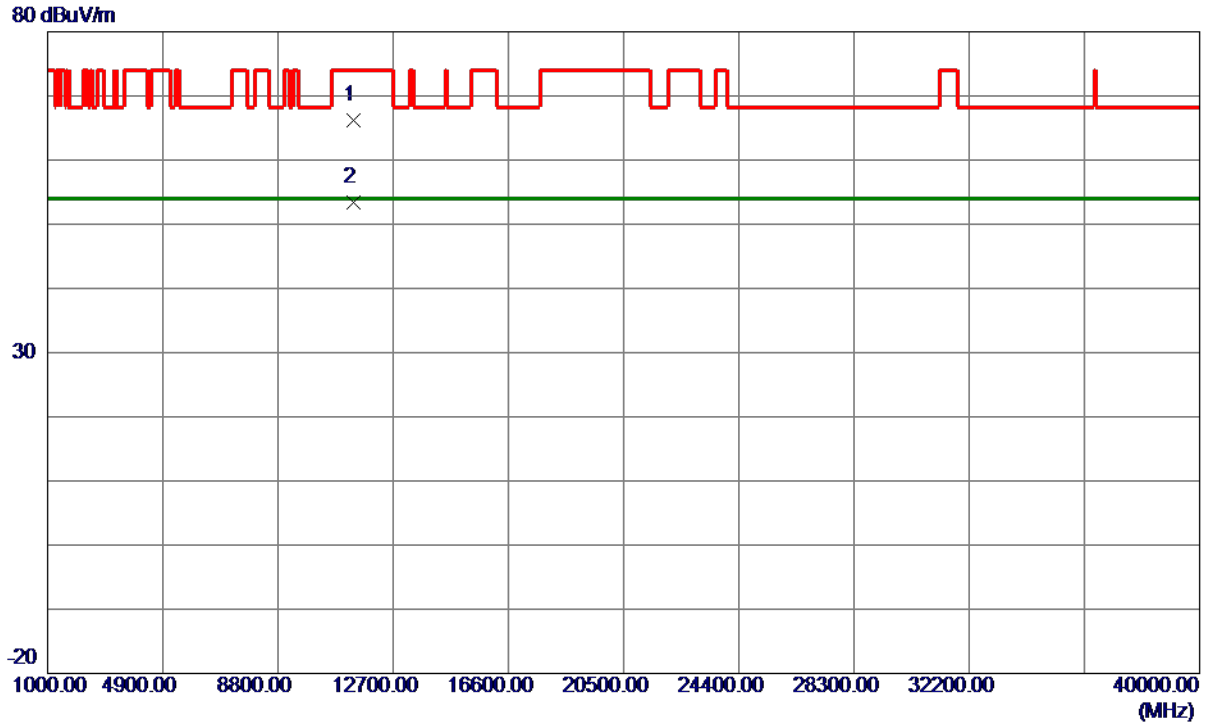


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5666.6000	88.14	17.48	105.62	999.00	-893.38	AVG	No Limit
2 *	5672.2000	95.23	17.50	112.73	68.30	44.43	Peak	No Limit
3	5725.0000	47.76	17.65	65.41	68.30	-2.89	Peak	

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 5670 MHz

Vertical

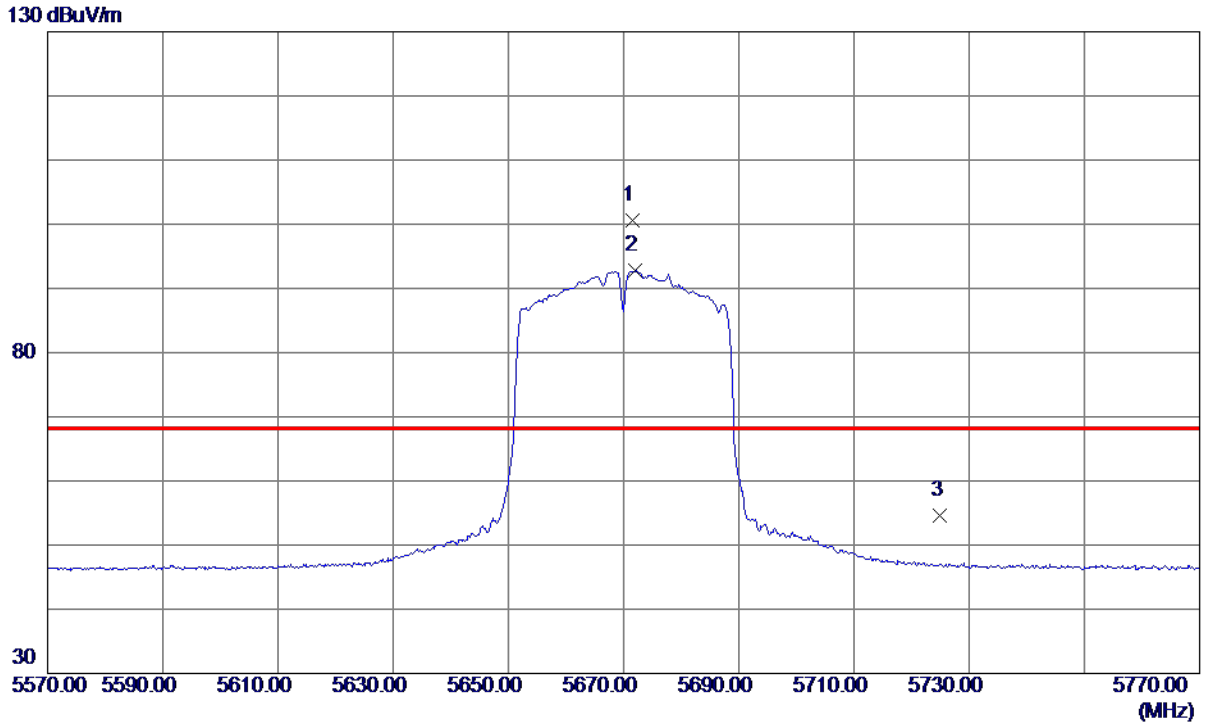


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11339.1200	51.90	14.36	66.26	74.00	-7.74	Peak	
2 *	11339.5100	38.96	14.36	53.32	54.00	-0.68	AVG	

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 5670 MHz

Horizontal

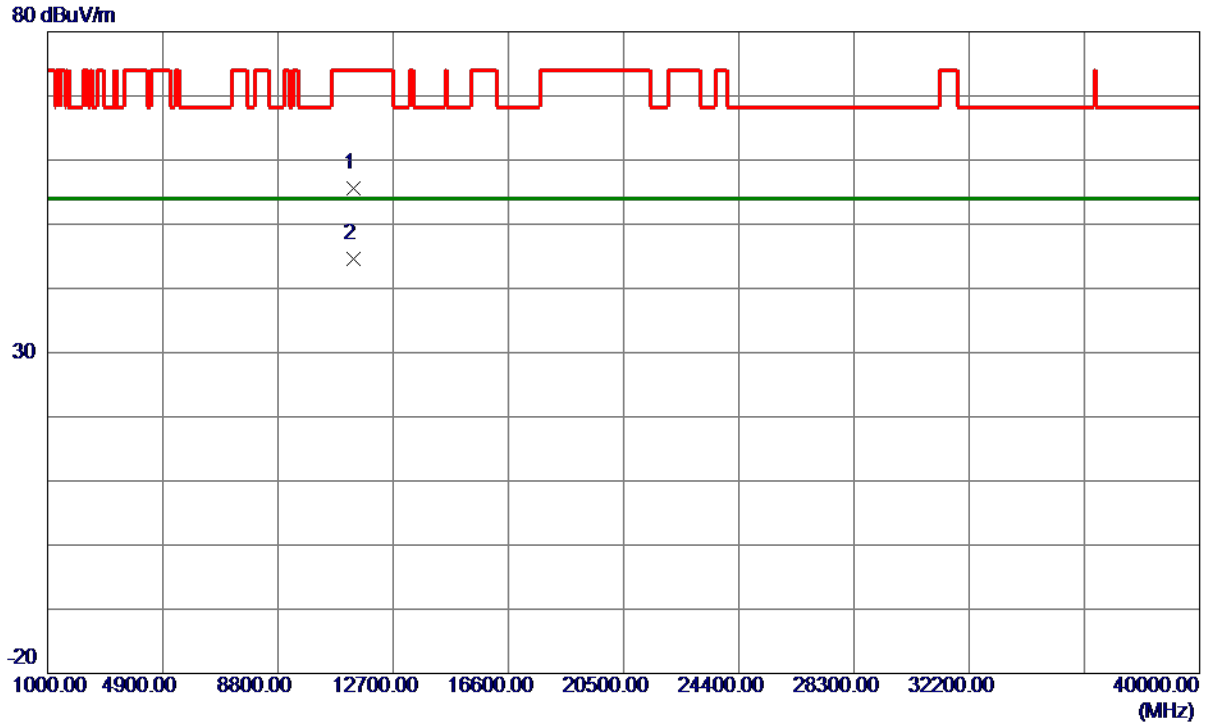


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5671.6000	83.13	17.49	100.62	68.30	32.32	Peak	No Limit
2	5672.1000	75.39	17.50	92.89	999.00	-906.11	AVG	No Limit
3	5725.0000	36.87	17.65	54.52	68.30	-13.78	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5670 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11339.4620	41.20	14.36	55.56	74.00	-18.44	Peak	
2 *	11340.6460	30.33	14.36	44.69	54.00	-9.31	AVG	

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