

Product Name: Wireless Access Point	Report No: FCC022022-05522RF2
Product Model: AP 6SA	Security Classification: Open
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TIRT Testing Report



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FCC Radio Test Report

FCC ID: 2A3WK-AP6SA

This report concerns: Original Grant

Project No. : 2022-05522
Equipment : Wireless Access Point
Brand Name : 
NOMADIX®

Test Model : AP 6SA
Series Model : N/A
Applicant : Nomadix, Inc.
Address : 21600 Oxnard Street - 19th floor, Woodland Hills, California, United States
Manufacturer : Nomadix, Inc.
Address : 21600 Oxnard Street - 19th floor, Woodland Hills, California, United States
Date of Receipt : 2022.05.11
Date of Test : 2022.05.13-2022.07.14
2022.09.15-2022.09.28
Issued Date : 2022.10.24
Report Version : V1.0
Test Sample : Engineering Sample No.: 20220421018665
Standard(s) : FCC CFR Title 47, Part 15, Subpart E
FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10-2013

- The test result referred exclusively to the presented test model /sample.
- Without written approval of TIRT Inc. the test report shall not reproduced except in full.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
FCC022022-05522RF2	V1.0	Original Report.	2022.10.24	Valid

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart E				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.407(a) 15.407(e)	Bandwidth	APPENDIX E	PASS	-----
15.407(a)	Maximum Output Power	APPENDIX F	PASS	-----
15.407(a)	Power Spectral Density	APPENDIX G	PASS	-----
15.407(g)	Frequency Stability	-----	PASS	NOTE(5)
15.203	Antenna Requirements	-----	PASS	NOTE(2)
15.407(c)	Automatically Discontinue Transmission	-----	PASS	NOTE(3)

Note:

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

1.1 TEST FACILITY

Company:	Beijing TIRT Technology Service Co.,Ltd Shenzhen
Address:	101, 3 # Factory Building, Gongjin Electronics Shatin Community, Kengzi Street, Pingshan District, Shenzhen, China
CNAS Registration Number:	CNAS L14158
A2LA Registration Number:	6049.01
FCC Accredited Lab. Designation Number:	CN1309
FCC Test Firm Registration Number:	825524
Telephone:	+86-0755-27087573

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 TIRT measurement uncertainty as below table:

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	± 142.12 kHz
RF power conducted	± 0.74 dB
RF power radiated	± 3.25 dB
Spurious emissions, conducted	± 1.78 dB
Spurious emissions, radiated (30MHz~1GHz)	± 4.6 dB
Spurious emissions, radiated (1GHz~18GHz)	± 4.9 dB
Conduction Emissions(150kHz~30MHz)	± 3.1 dB
Humidity	$\pm 4.6\%$
Temperature	$\pm 0.7^{\circ}\text{C}$
Time	$\pm 1.25\%$

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	56%	AC 120V/60Hz	Stone Tang
Radiated Emissions-9kHz to 30MHz	24°C	62%	PoE 48V	Stone Tang
Radiated Emissions-30MHz to 1000MHz	24°C	54%	PoE 48V	Stone Tang
Radiated Emissions-Above 1000 MHz	25°C	60%	PoE 48V	Stone Tang
Bandwidth	24°C	62%	PoE 48V	Stone Tang
Maximum Output Power	24.4°C	67.5%	PoE 48V	Stone Tang
Power Spectral Density	24°C	62%	PoE 48V	Stone Tang
Frequency Stability	Normal & Extreme	62%	Normal & Extreme	Stone Tang

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless Access Point
Brand Name	 NOMADIX®
Test Model	AP 6SA
Series Model	N/A
Model Difference(s)	N/A
Power Source	DC voltage supplied from PoE adapter or AC adapter. (Supports Unit)
Power Rating	PoE 48V $\approx$ 0.3A; DC 48V $\approx$ 0.6A
Operation Frequency Band(s)	UNII-1: 5150 MHz ~ 5250 MHz UNII-2A: 5250 MHz ~ 5350 MHz UNII-2C: 5470 MHz ~ 5725 MHz UNII-3: 5725 MHz ~ 5850 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 1733.4 Mbps IEEE 802.11ax: up to 2402 Mbps
Maximum Output Power_UNII-1	IEEE 802.11ax(HE20): 17.69 dBm (0.0587 W)
Maximum Output Power_UNII-2A	IEEE 802.11ax(HE20): 17.76 dBm (0.0597 W)
Maximum Output Power_UNII-2C	IEEE 802.11ax(HE160): 17.79 dBm (0.0601 W)
Maximum Output Power_UNII-3	IEEE 802.11ax(HE20): 17.78 dBm (0.0600 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	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

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

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

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1		NDS-5G-WX-21	PIFA	RF Generation Terminal 113	3.62
2		C168-JL-3917	PIFA	IPEX	4.67

Note:

- 1) This EUT supports CDD, and all antenna gains are not equal, Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=4.67.
For power spectral density measurements, $N_{ANT}=2$, $N_{SS} = 1$.
Then the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 4.67 + 10\log(2/1)\text{dBi} = 7.68$. So the UNII-1 power spectral density limit is $17 - (7.68 - 6) = 15.32$, the UNII-2A and UNII-2C power spectral density limit is $11 - (7.68 - 6) = 9.32$, the UNII-3 power spectral density limit is $30 - (7.68 - 6) = 28.32$.
- 2) The antenna gain is provided by the manufacturer.

4. Table for Antenna Configuration:

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

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 Channel 36/40/48 (UNII-1)
Mode 2	TX N(HT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX N(HT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 5	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 6	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 7	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 8	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 9	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 10	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 11	TX N(HT20) Mode Channel 52/60/64 (UNII-2A)
Mode 12	TX N(HT40) Mode Channel 54/62 (UNII-2A)
Mode 13	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 14	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 15	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 16	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 17	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 18	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 19	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 20	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 21	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 22	TX N(HT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX N(HT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 25	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 26	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 27	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 28	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 29	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 30	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 31	TX AX(HE160) Mode Channel 114 (UNII-2C)

Pretest Mode	Description
Mode 32	TX A Mode Channel 149/157/165 (UNII-3)
Mode 33	TX N(HT20) Mode Channel 149/157/165 (UNII-3)
Mode 34	TX N(HT40) Mode Channel 151/159 (UNII-3)
Mode 35	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 36	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 37	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 38	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 41	TX AX(HE160) Mode Channel 114 (UNII-2C)

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 41	TX AX(HE160) Mode Channel 114 (UNII-2C)

Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 41	TX AX(HE160) Mode Channel 114 (UNII-2C)

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 4	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 5	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 6	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 7	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 8	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 9	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 10	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 14	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 15	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 16	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 17	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 18	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 19	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 20	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 21	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 24	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 25	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 26	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 27	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 28	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 29	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 30	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 31	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 32	TX A Mode Channel 149/157/165 (UNII-3)
Mode 35	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 36	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 37	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 38	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AX(HE80) Mode Channel 155 (UNII-3)

Maximum Output Power Test	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX N(HT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX N(HT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 5	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 6	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 7	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 8	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 9	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 10	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 11	TX N(HT20) Mode Channel 52/60/64 (UNII-2A)
Mode 12	TX N(HT40) Mode Channel 54/62 (UNII-2A)
Mode 13	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 14	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 15	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 16	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 17	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 18	TX AX(HE80) Mode Channel 58 (UNII-2A)

Maximum Output Power Test	
Final Test Mode	Description
Mode 19	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 20	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 21	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 22	TX N(HT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX N(HT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 25	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 26	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 27	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 28	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 29	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 30	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 31	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 32	TX A Mode Channel 149/157/165 (UNII-3)
Mode 33	TX N(HT20) Mode Channel 149/157/165 (UNII-3)
Mode 34	TX N(HT40) Mode Channel 151/159 (UNII-3)
Mode 35	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 36	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 37	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 38	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AX(HE80) Mode Channel 155 (UNII-3)

Other Conducted Test	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 4	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 5	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 6	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 7	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 8	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 9	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 10	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 14	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 15	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 16	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 17	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 18	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 19	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 20	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 21	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 24	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 25	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 26	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 27	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 28	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 29	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 30	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 31	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 32	TX A Mode Channel 149/157/165 (UNII-3)
Mode 35	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 36	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 37	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 38	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 39	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 40	TX AX(HE80) Mode Channel 155 (UNII-3)

Note:

- (1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX AX(HE160) Mode Channel 114 (UNII-2C) is found to be the worst case and recorded.
- (2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (3) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (4) The measurements for Output Power are tested, the worst case are IEEE 802.11a mode, IEEE 802.11ac(VHT20) mode, IEEE 802.11ac(VHT40) mode, IEEE 802.11ac(VHT80) mode, IEEE 802.11ac(VHT160) mode, IEEE 802.11ax(HE20) mode, IEEE 802.11ax(HE40) mode, IEEE 802.11ax(HE80) mode and IEEE 802.11ax(HE160) mode, only the worst cases are documented for other test items.
- (5) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
- (6) For radiated emission above 1 GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Vertical and recorded.

2.3 PARAMETERS OF TEST SOFTWARE

CDD

UNII-1			
Test Software Version	QDART-Connectivity1.0-00089		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	16	16	16
IEEE 802.11n(HT20)	16	16	16
IEEE 802.11ac(VHT20)	16	16	16
IEEE 802.11ax(HE20)	16	16	15.5
Frequency (MHz)	5190	5230	
IEEE 802.11n(HT40)	15.5	15.5	
IEEE 802.11ac(VHT40)	15	15	
IEEE 802.11ax(HE40)	15.5	15.5	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	15.5		
IEEE 802.11ax(HE80)	15.5		

UNII-2A

UNII-2A			
Test Software Version	QDART-Connectivity1.0-00089		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	15.5	15.5	15.5
IEEE 802.11n(HT20)	16	15.5	15.5
IEEE 802.11ac(VHT20)	15.5	15	15
IEEE 802.11ax(HE20)	15.5	15.5	15.5
Frequency (MHz)	5270	5310	
IEEE 802.11n(HT40)	15.5	15	
IEEE 802.11ac(VHT40)	14.5	14.5	
IEEE 802.11ax(HE40)	15.5	15	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	15		
IEEE 802.11ax(HE80)	15		

UNII-1+UNII-2A

UNII-1+UNII-2A	
Test Software Version	QDART-Connectivity1.0-00089
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	15
IEEE 802.11ax(HE160)	15

UNII-2C				
Test Software Version	QDART-Connectivity1.0-00089			
Frequency (MHz)	5500	5580	5700	5720
IEEE 802.11a	15	15	15	15
IEEE 802.11n(HT20)	15.5	15.5	15.5	15
IEEE 802.11ac(VHT20)	15	15.5	15.5	15
IEEE 802.11ax(HE20)	15	15.5	15.5	15
Frequency (MHz)	5510	5550	5670	5710
IEEE 802.11n(HT40)	14.5	15	14.5	15
IEEE 802.11ac(VHT40)	14.5	15	14.5	15
IEEE 802.11ax(HE40)	15.5	15.5	15	15
Frequency (MHz)	5530	5610	5690	
IEEE 802.11ac(VHT80)	15	15.5	15	
IEEE 802.11ax(HE80)	15.5	15.5	15	
Frequency (MHz)	5570			
IEEE 802.11ac(VHT160)	15			
IEEE 802.11ax(HE160)	15.5			

UNII-3			
Test Software Version	QDART-Connectivity1.0-00089		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	15	15	15
IEEE 802.11n(HT20)	15.5	15.5	15.5
IEEE 802.11ac(VHT20)	15.5	15.5	15.5
IEEE 802.11ax(HE20)	15.5	15.5	15.5
Frequency (MHz)	5755	5795	
IEEE 802.11n(HT40)	14.5	14.5	
IEEE 802.11ac(VHT40)	14.5	14.5	
IEEE 802.11ax(HE40)	15.5	15	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	15		
IEEE 802.11ax(HE80)	15.5		

2.4 DUTY CYCLE

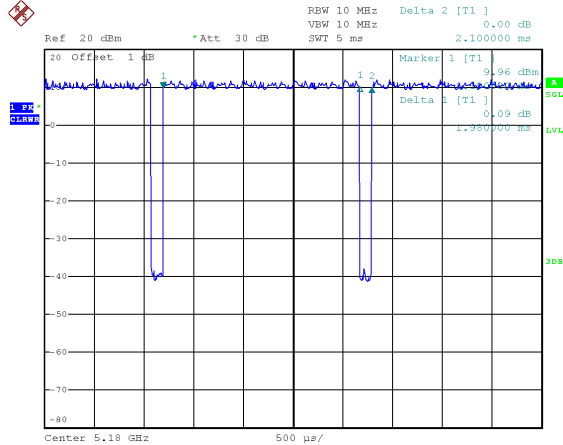
If duty cycle is $\geq 98\%$, duty factor is not required.

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.

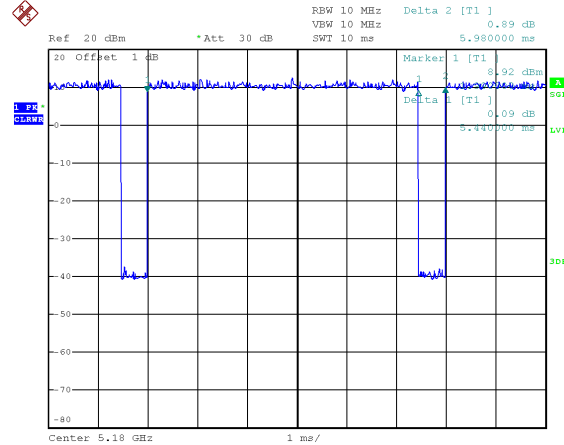
IEEE 802.11a



Date: 7.JUL.2022 21:35:56

Duty cycle = 1.980 ms / 2.100 ms = 94.29%
Duty Factor = $10 \log(1 / \text{Duty cycle}) = 0.26$

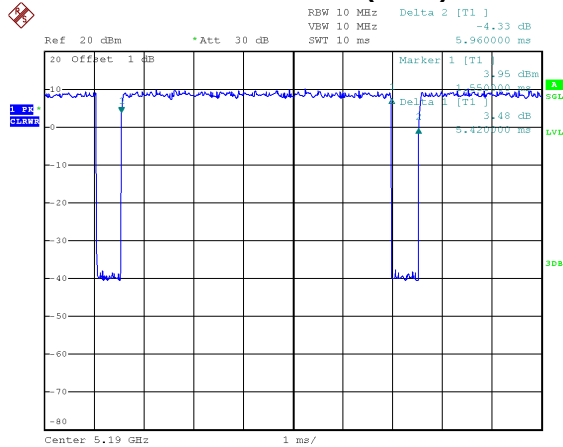
IEEE 802.11n(HT20)



Date: 7.JUL.2022 21:36:44

Duty cycle = 5.440 ms / 5.980 ms = 90.97%
Duty Factor = $10 \log(1 / \text{Duty cycle}) = 0.41$

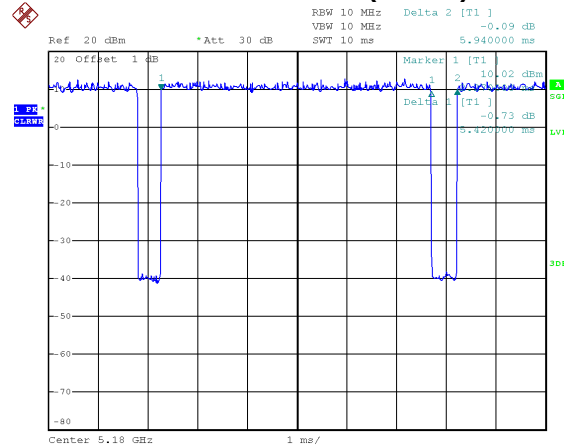
IEEE 802.11n(HT40)



Date: 7.JUL.2022 21:39:19

Duty cycle = 5.420 ms / 5.960 ms = 90.94%
Duty Factor = $10 \log(1 / \text{Duty cycle}) = 0.41$

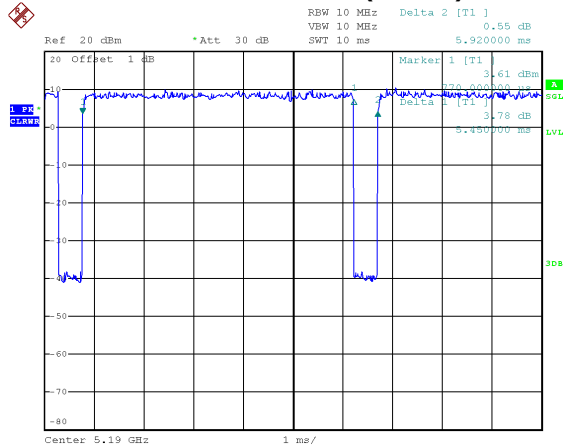
IEEE 802.11ac(VHT20)



Date: 7.JUL.2022 21:37:27

Duty cycle = 5.420 ms / 5.940 ms = 91.25%
Duty Factor = $10 \log(1 / \text{Duty cycle}) = 0.40$

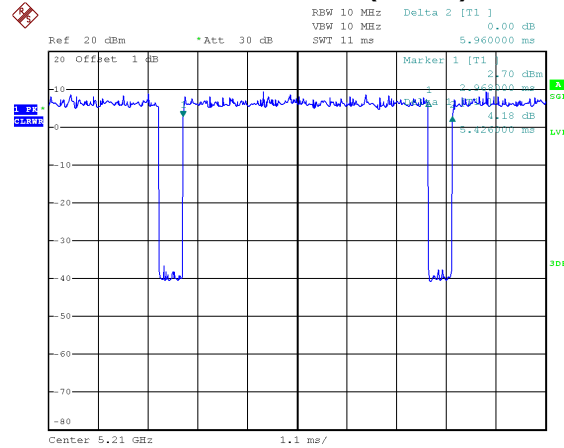
IEEE 802.11ac(VHT40)



Date: 7.JUL.2022 21:39:55

Duty cycle = 5.450 ms / 5.920 ms = 92.06%
 Duty Factor = 10 log(1 / Duty cycle) = 0.36

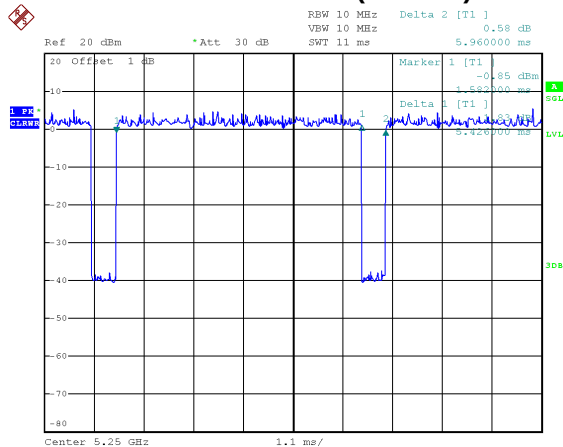
IEEE 802.11ac(VHT80)



Date: 7.JUL.2022 21:42:20

Duty cycle = 5.426 ms / 5.960 ms = 91.04%
 Duty Factor = 10 log(1 / Duty cycle) = 0.41

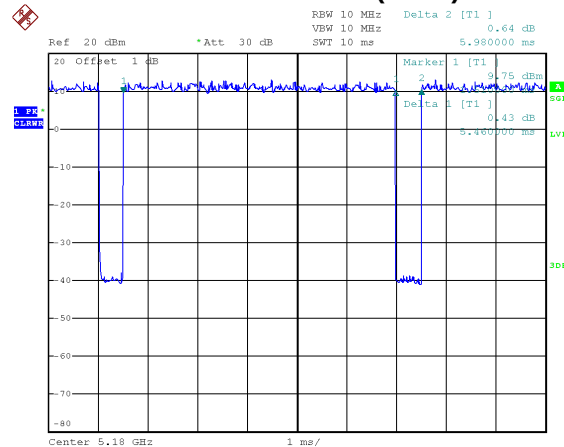
IEEE 802.11ac(VHT160)



Date: 7.JUL.2022 21:44:28

Duty cycle = 5.426 ms / 5.960 ms = 91.04%
 Duty Factor = 10 log(1 / Duty cycle) = 0.41

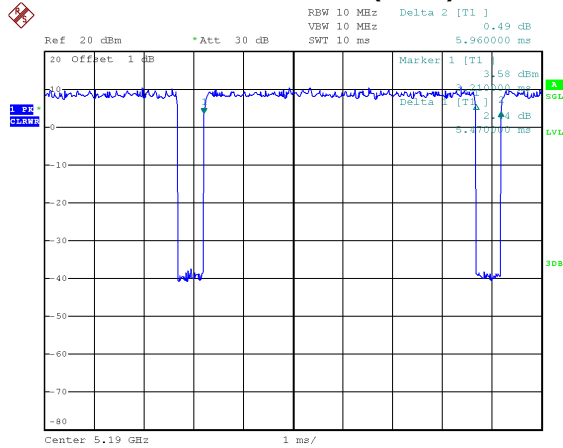
IEEE 802.11ax(HE20)



Date: 7.JUL.2022 21:38:28

Duty cycle = 5.460 ms / 5.980 ms = 91.30%
 Duty Factor = 10 log(1 / Duty cycle) = 0.40

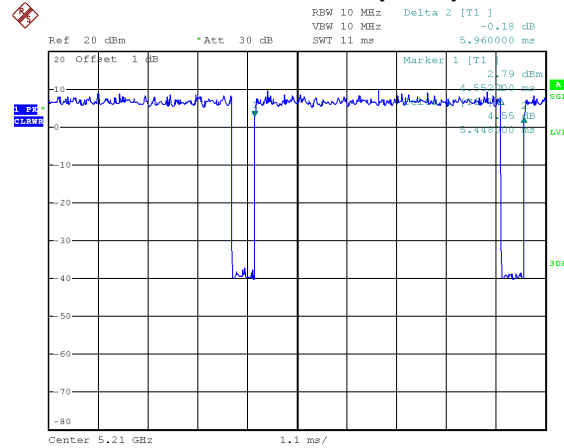
IEEE 802.11ax(HE40)



Date: 7.JUL.2022 21:40:37

Duty cycle = 5.470 ms / 5.960 ms = 91.78%
Duty Factor = 10 log(1 / Duty cycle) = 0.37

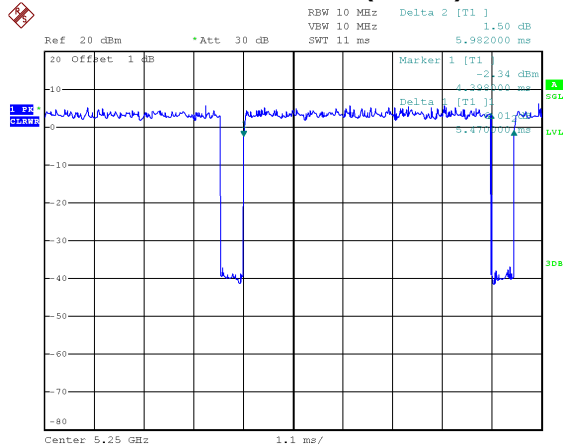
IEEE 802.11ax(HE80)



Date: 7.JUL.2022 21:41:41

Duty cycle = 5.448 ms / 5.960 ms = 91.41%
Duty Factor = 10 log(1 / Duty cycle) = 0.39

IEEE 802.11ax(HE160)



Date: 7.JUL.2022 21:43:09

Duty cycle = 5.470 ms / 5.982 ms = 91.44%
Duty Factor = 10 log(1 / Duty cycle) = 0.39

NOTE:

For IEEE 802.11a:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 505 Hz (Duty cycle < 98%).

For IEEE 802.11n(HT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 184 Hz (Duty cycle < 98%).

For IEEE 802.11n(HT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 185 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 185 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT80):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 184 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT160):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 184 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE80):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 184 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE160):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz (Duty cycle < 98%).

2.5 SUPPORT UNITS

Support Equipment				
No.	Equipment	Brand Name	Model Name	Remarks
1	RJ45 Cable	N/A	N/A	10m
2	RJ45 Cable	N/A	N/A	1m
3	Record PC	Lenovo	M4500T	NA
4	Control PC	Lenovo	M4500T	NA
5	AC Cable	N/A	N/A	1.5m
6	PoE	N/A	N/A	N/A

3. AC POWER LINE CONDUCTED EMISSIONS

3.1 LIMIT

Frequency (MHz)	Limit (dB μ V)	
	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.

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.

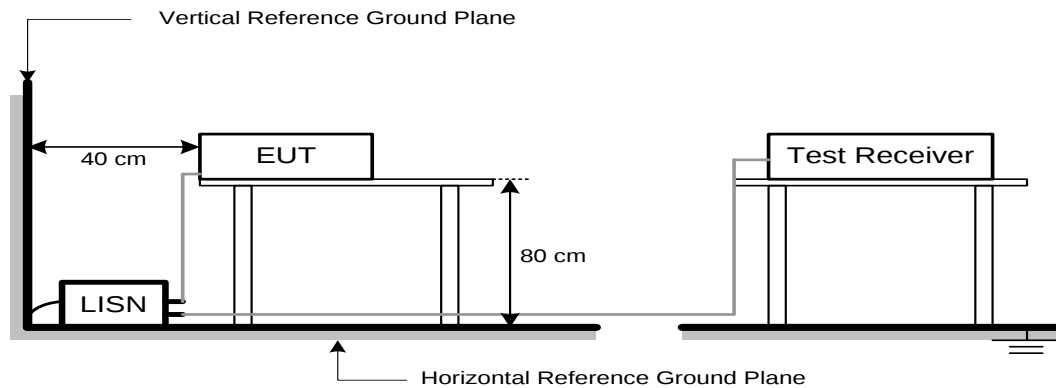
The following table is the setting of the receiver:

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

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

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 (Above 1000 MHz)

Frequency (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.2
5250-5350	-27	68.2
5470-5725	-27	68.2
5725-5850 NOTE (2)	-27	68.2
	10	105.2
	15.6	110.8
	27	122.2

NOTE:

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

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

(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.

The following table is the setting of the receiver:

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

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

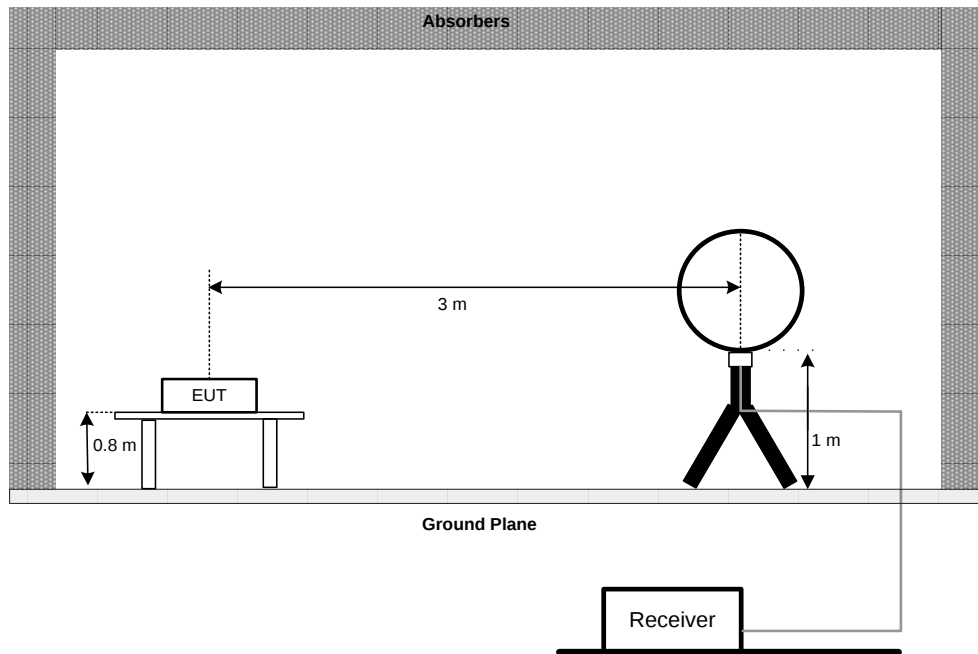
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

4.3 DEVIATION FROM TEST STANDARD

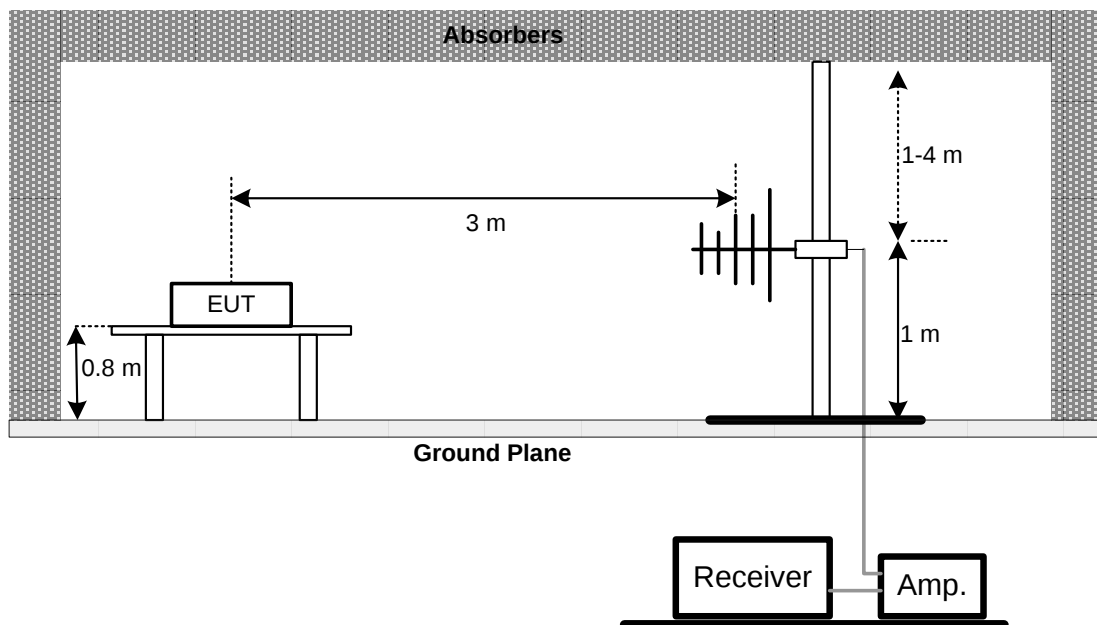
No deviation.

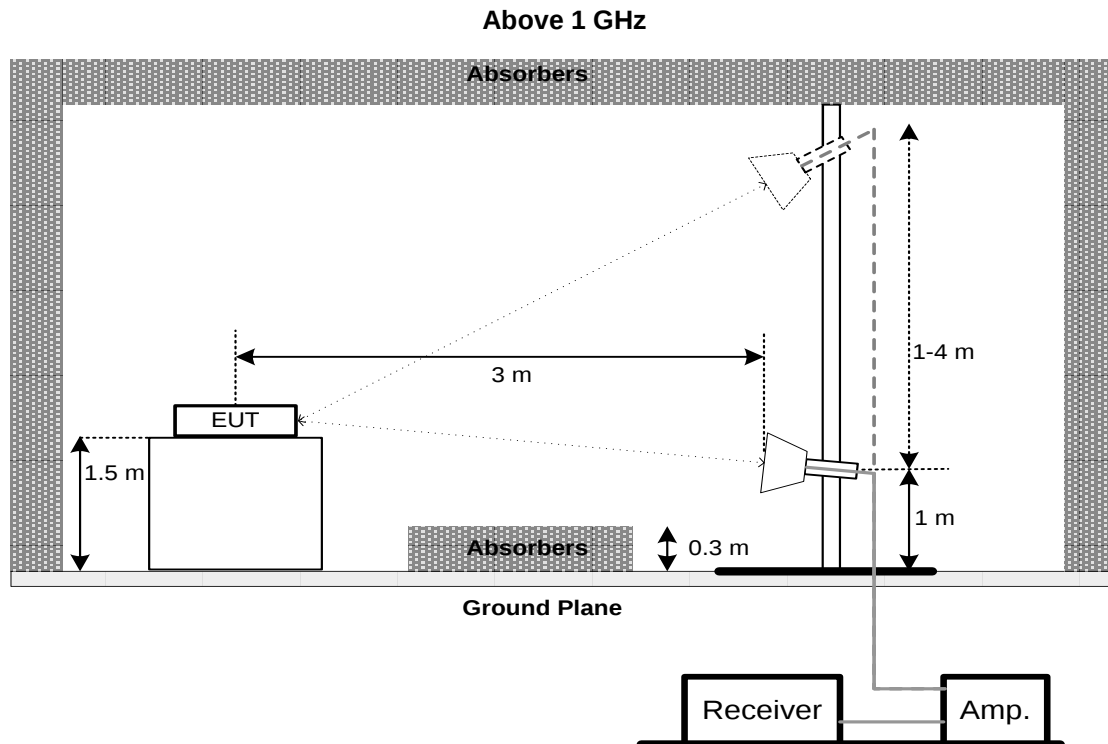
4.4 TEST SETUP

9 kHz to 30 MHz



30 MHz to 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 = $40 \log (\text{specific distance} / \text{test distance})$ (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

5.1 LIMIT

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

5.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below
- Spectrum Setting:
For UNII-1, UNII-2A, UNII-2C:

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

For UNII-3:

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

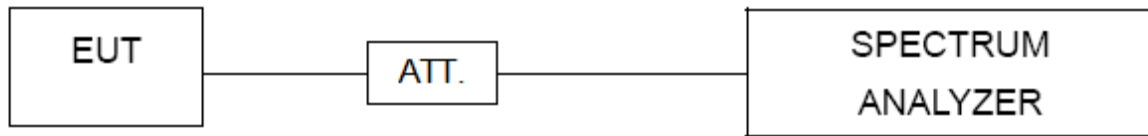
For 99% Occupied Bandwidth:

Spectrum Parameter	Setting
Span Frequency	1.5 times to 5 times the OBW
RBW	1% to 5% of the OBW
VBW	$\geq 3 \times \text{RBW}$
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

- 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

6.1 LIMIT

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

Note:

- 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.
- 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.

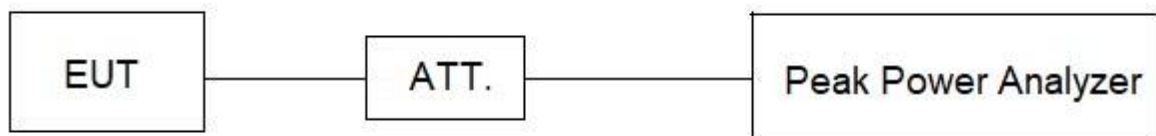
6.2 TEST PROCEDURE

- The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.
- 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

7.1 LIMIT

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

7.2 TEST PROCEDURE

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

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

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

For UNII-3:

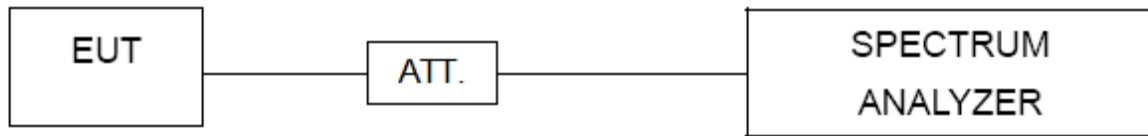
Spectrum Parameter	Setting
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	100 kHz.
VBW	300 kHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

Note:

- For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 100kHz and VBW at 300kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add $10 \log (500 \text{ kHz}/100 \text{ kHz})$ to the measured result, i.e. 7 dB.
- During the test of U-NII 3 PSD, the measurement result with RBW=100kHz has been added 7 dB by compensating offset. For example, the cable loss is 12.5 dB, and the final offset is $12.5 + 7 = 19.5 \text{ dB}$ when RBW=100kHz is used.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP**7.5 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.

8. FREQUENCY STABILITY

8.1 LIMIT

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

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:

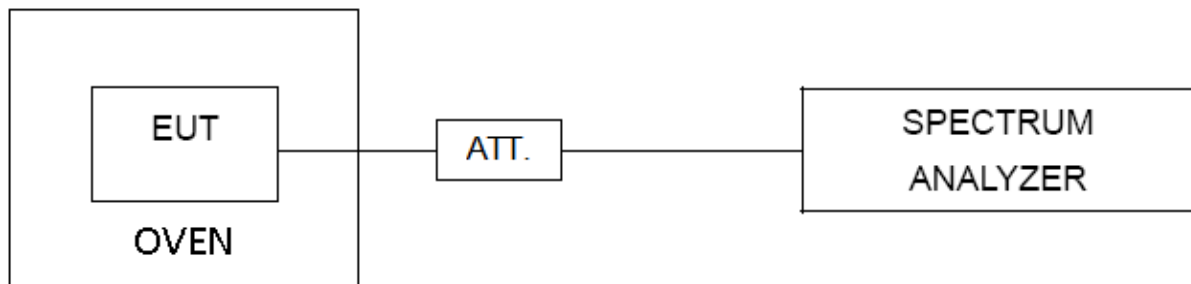
Spectrum Parameter	Setting
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

- c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- d. User manual temperature is -10°C~50°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.

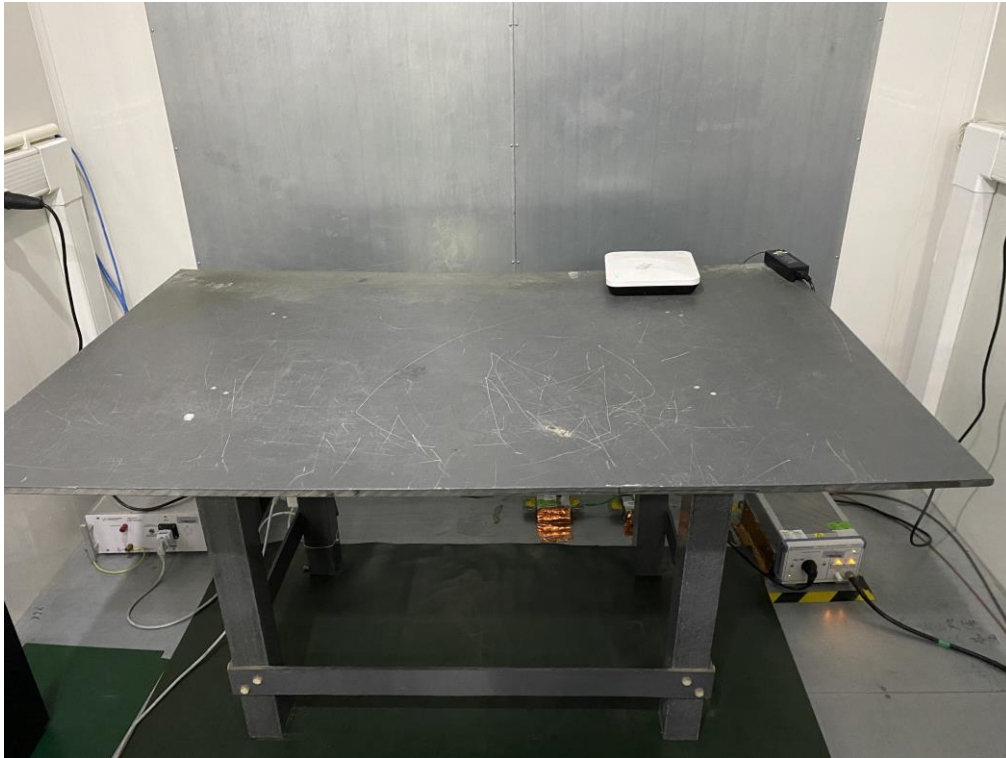
9. MEASUREMENT INSTRUMENTS LIST

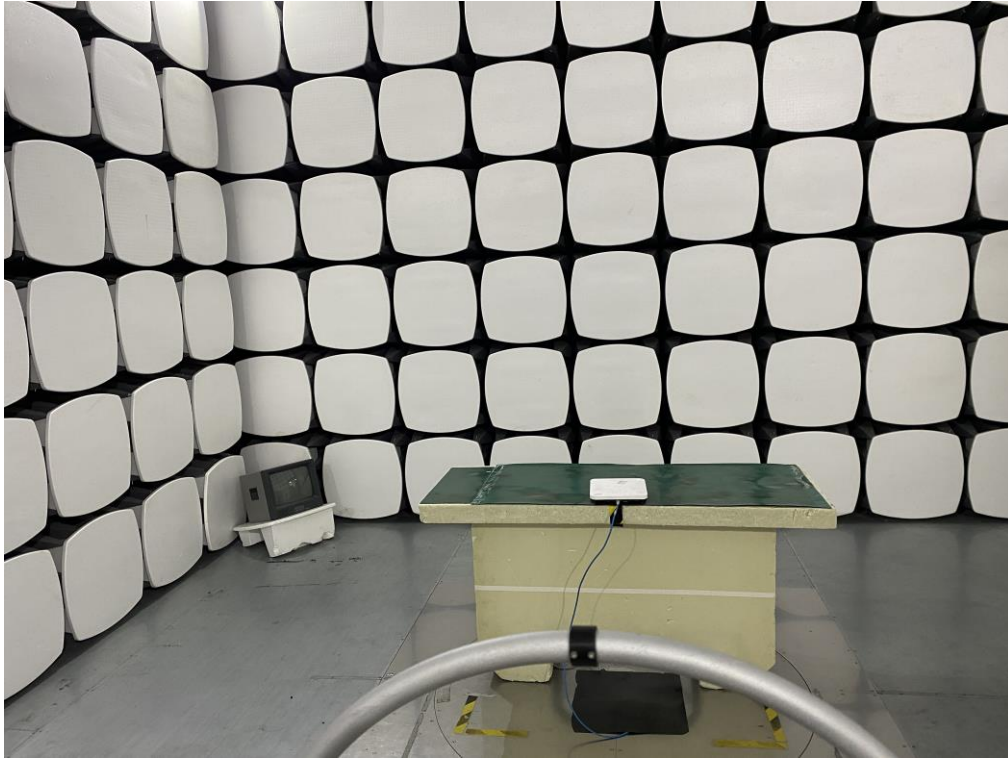
No.	Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Receiver	Rohde&Schwarz	ESCI	1166.5950.03	2022/11/16
2	AMN	Rohde&Schwarz	ENV216	3560.6550.05	2022/11/09
3	AMN	Schwarzbeck	NSLK8127	#829	2022/11/09
4	ECSI RF IN RF Cable	Rohde&Schwarz	RP-X1	\	2022/11/18
5	ECSI RF IN RF Cable	Rohde&Schwarz	Sapre sm	\	2022/11/09
6	EMI Receiver	Rohde&Schwarz	ESR7	102013	2022/11/09
7	Spectrum analyzer	Rohde&Schwarz	FSV30	103741	2022/11/09
8	EMI receiver	Rohde&Schwarz	ESU	100184	2023/07/20
9	EMI receiver	Rohde&Schwarz	ESU	100184	2022/07/25
10	Spectrum analyzer	KEYSIGHT	N9010A-44	MY51440158	2022/11/09
11	Loop Antenna*	Schwarzbeck	FMZB1519B	00029	2025/07/03
12	Loop Antenna*	Schwarzbeck	FMZB1519B	00029	2022/07/20
13	Integral Antenna	Schwarzbeck	VULB 9163	VULB 9163-361	2022/11/09
14	Integral Antenna	Schwarzbeck	BBHA 9120D	BBHA 9120D 1201	2022/11/09
15	Integral Antenna	Schwarzbeck	BBHA 9170	9170#685	2022/11/09
16	Preamplifier	CD Systems Inc	PAP-03036-30	85060000	2022/11/09
17	Preamplifier	Schwarzbeck	BBV9721	9721-019	2022/11/09
18	Preamplifier	emci	EMC012645SE	980417	2022/11/09
19	ECSI RF IN RF Cable	Rohde&Schwarz	AP-X1	\	2022/11/09
20	Spectrum Analyzer	Agilent	N9010A	MY52221119	2022/11/09
21	Power Collection Unit	Tonscend	JS0806-2	188060134	2022/11/09
22	Tonscend Test System	Tonscend	2.6.77.0518	NA	NA
23	10dB Attenuator	Tonscend	10dB	NA	NA
24	Temp&Humidity Recorder	Anymetre	JR900	NA	2022/11/03
25	Temp&Humidity Chamber	ETOMA	NTH1100-30A	16080628	2022/11/03
26	Filter	STI	STI15-9845	N/A	N/A
27	Filter	STI	5.1G	N/A	N/A
28	Filter	STI	STI15-9845	N/A	N/A
29	Testing Software	EZ-EMC	TW-03A2	N/A	N/A

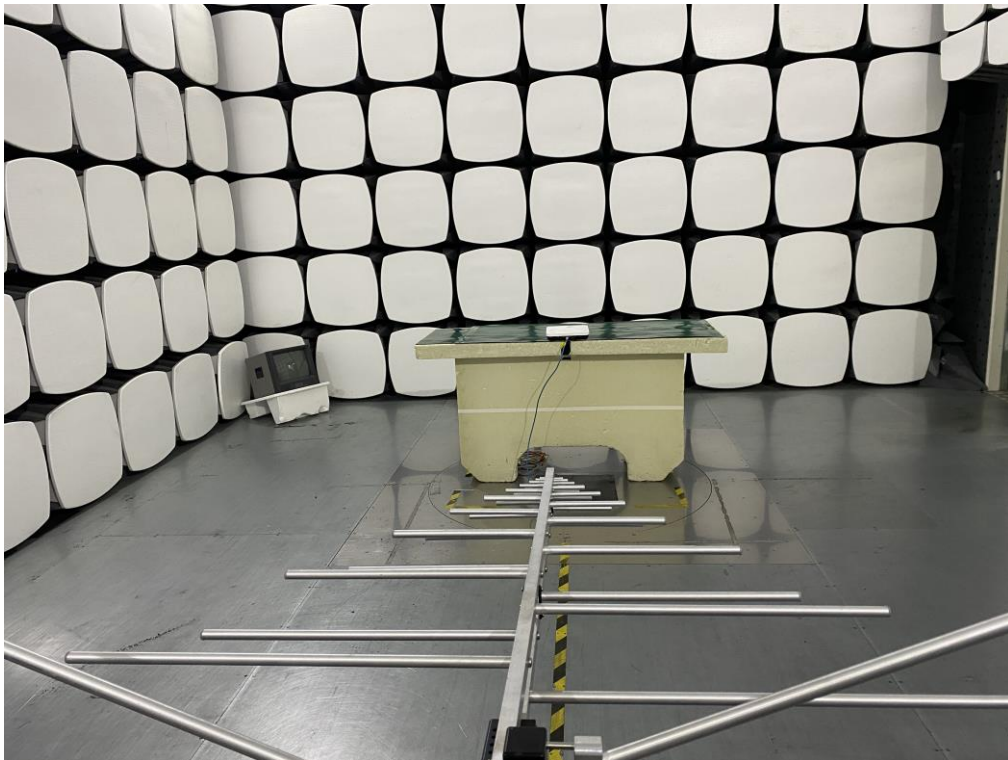
Remark: "N/A" denotes no model name, serial no. or calibration specified.

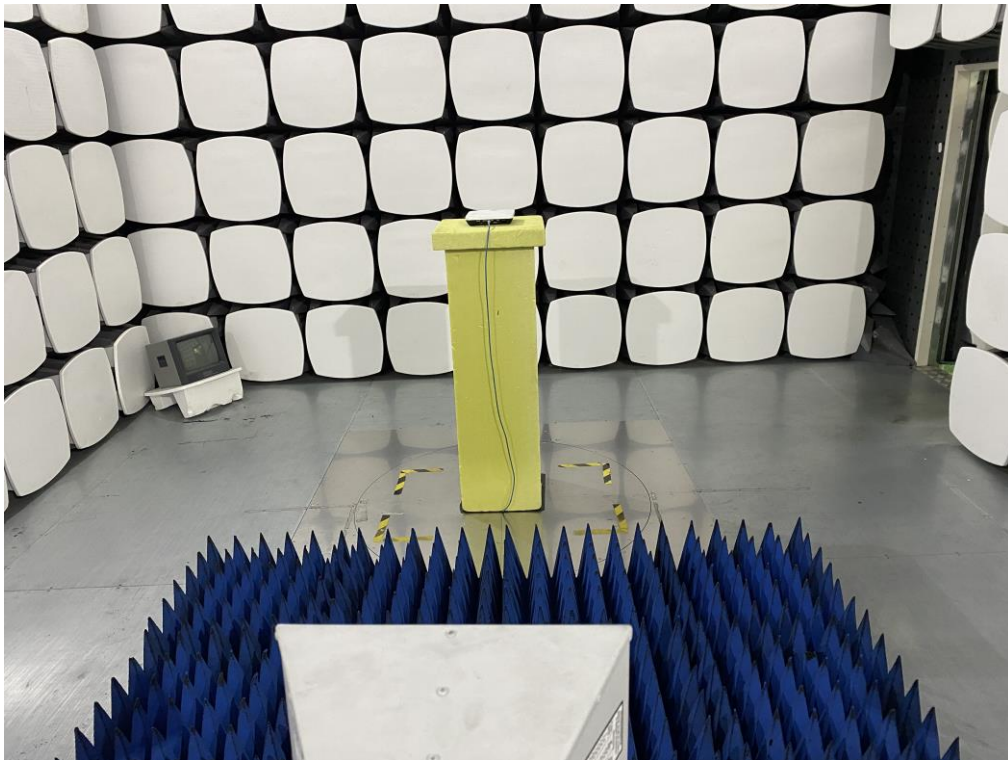
"*" calibration period of equipment list is three year.

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**

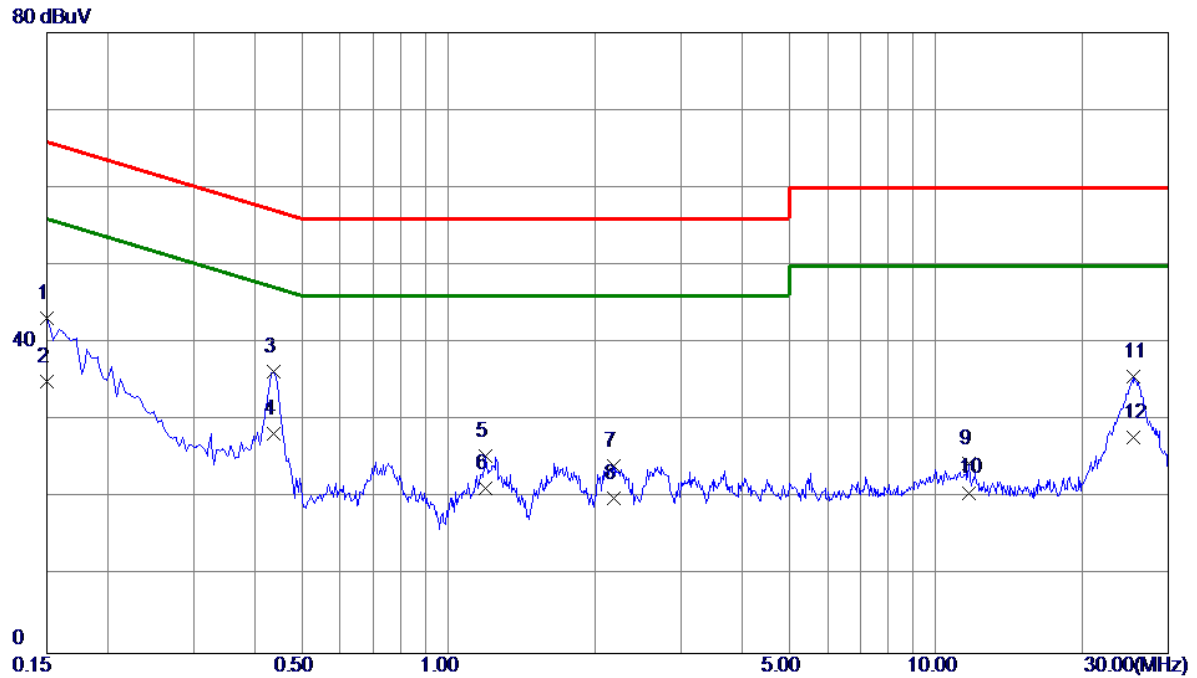
Radiated Emissions Test Photos**30 MHz to 1000 MHz**

Radiated Emissions Test Photos**Above 1 GHz**

Conducted Test Photos

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX AX(HE160) Mode Channel 114 (UNII-2C)	Phase	Line
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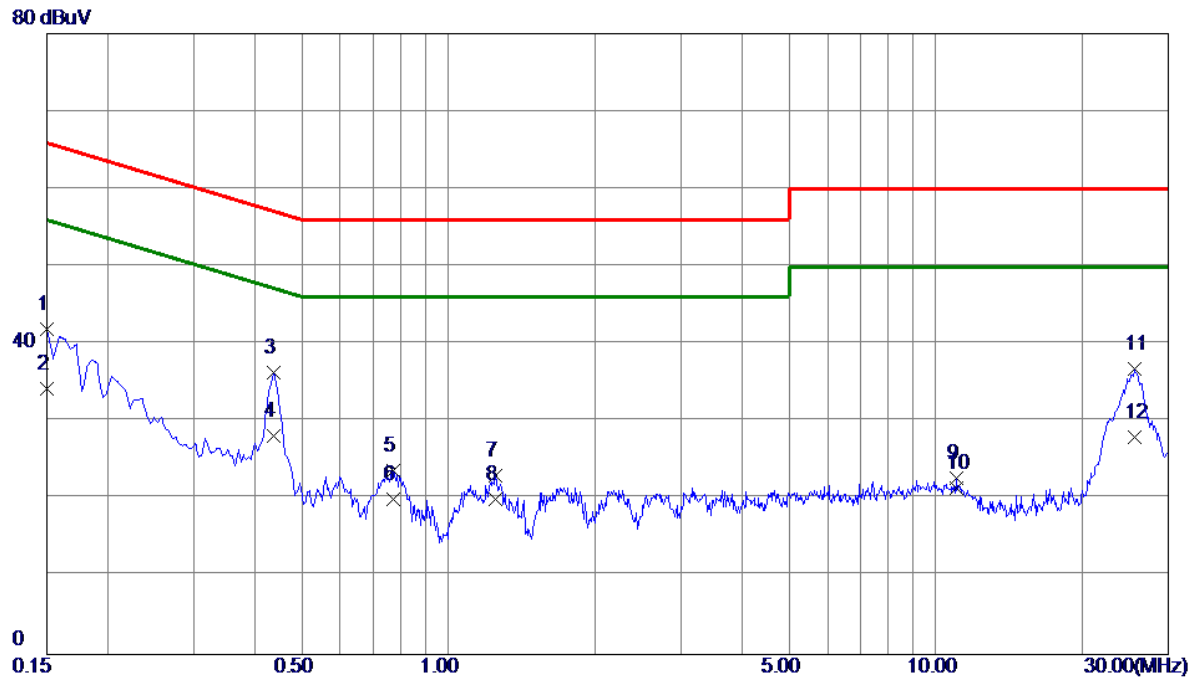


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1500	33.58	9.65	43.23	66.00	-22.77	QP	
2	0.1500	25.41	9.65	35.06	56.00	-20.94	AVG	
3	0.4380	26.49	9.76	36.25	57.10	-20.85	QP	
4 *	0.4380	18.60	9.76	28.36	47.10	-18.74	AVG	
5	1.1895	15.63	9.84	25.47	56.00	-30.53	QP	
6	1.1895	11.40	9.84	21.24	46.00	-24.76	AVG	
7	2.1885	14.31	9.90	24.21	56.00	-31.79	QP	
8	2.1885	10.10	9.90	20.00	46.00	-26.00	AVG	
9	11.6925	13.93	10.52	24.45	60.00	-35.55	QP	
10	11.6925	10.20	10.52	20.72	50.00	-29.28	AVG	
11	25.4805	24.78	10.96	35.74	60.00	-24.26	QP	
12	25.4805	16.91	10.96	27.87	50.00	-22.13	AVG	

REMARKS:

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

Test Mode	TX AX(HE160) Mode Channel 114 (UNII-2C)	Phase	Neutral
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No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1500	32.22	9.70	41.92	66.00	-24.08	QP	
2	0.1500	24.51	9.70	34.21	56.00	-21.79	AVG	
3	0.4380	26.55	9.79	36.34	57.10	-20.76	QP	
4 *	0.4380	18.40	9.79	28.19	47.10	-18.91	AVG	
5	0.7710	13.85	9.83	23.68	56.00	-32.32	QP	
6	0.7710	10.20	9.83	20.03	46.00	-25.97	AVG	
7	1.2525	13.18	9.87	23.05	56.00	-32.95	QP	
8	1.2525	10.11	9.87	19.98	46.00	-26.02	AVG	
9	11.0175	12.21	10.50	22.71	60.00	-37.29	QP	
10	11.0175	10.90	10.50	21.40	50.00	-28.60	AVG	
11	25.5750	25.72	11.02	36.74	60.00	-23.26	QP	
12	25.5750	16.91	11.02	27.93	50.00	-22.07	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.

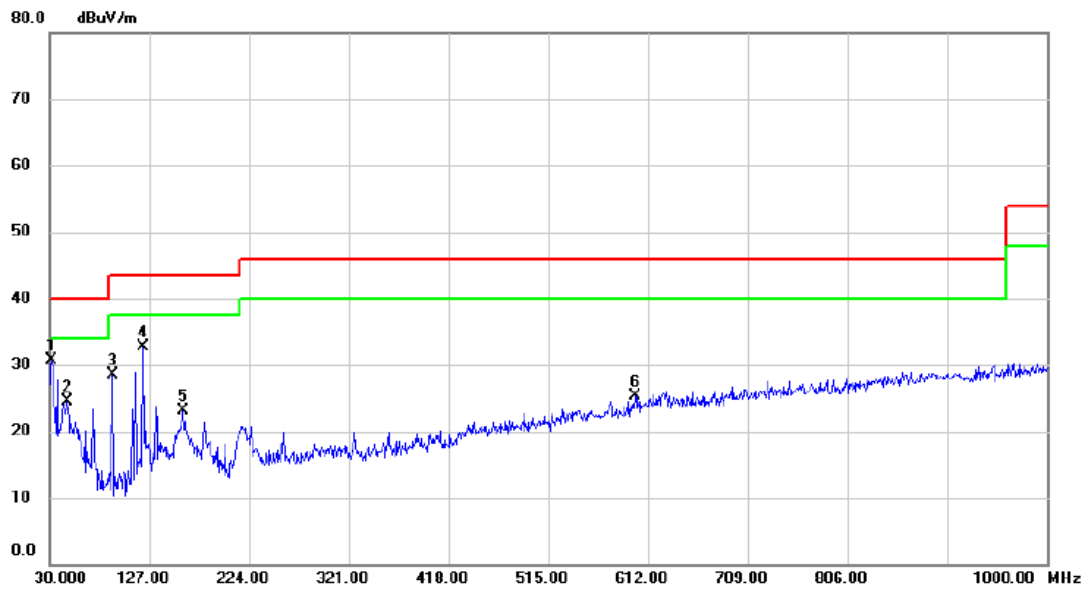
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX AX(HE160) Mode Channel 114 (UNII-2C)	Polarization	Vertical
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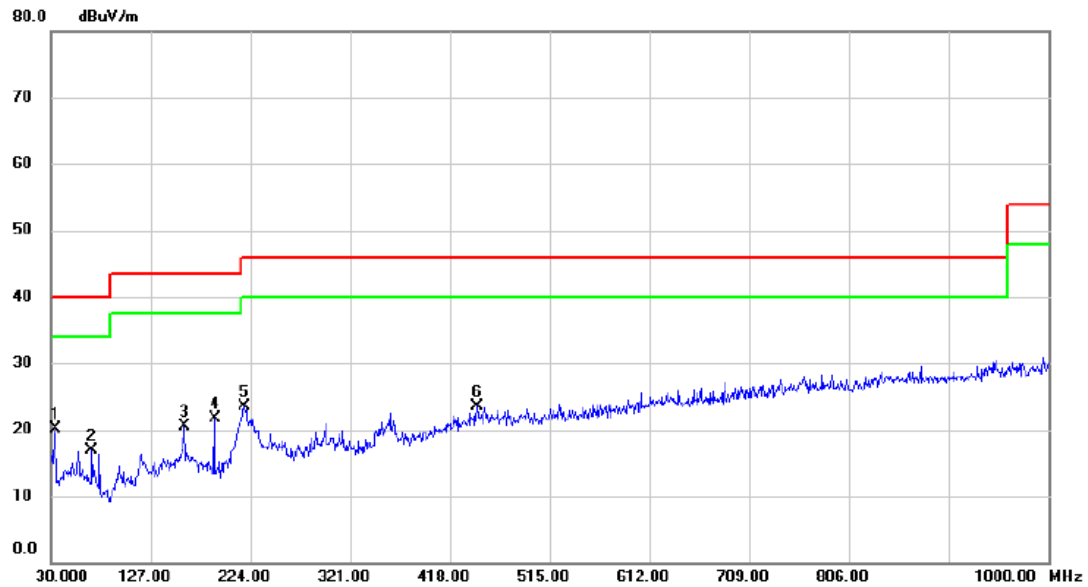


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	31.940	46.46	-15.82	30.64	40.00	-9.36	peak	
2		47.460	38.99	-14.41	24.58	40.00	-15.42	peak	
3		91.110	47.15	-18.64	28.51	43.50	-14.99	peak	
4		121.180	47.22	-14.61	32.61	43.50	-10.89	peak	
5		159.980	35.99	-12.90	23.09	43.50	-20.41	peak	
6		599.390	30.36	-5.15	25.21	46.00	-20.79	peak	

REMARKS:

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

Test Mode	TX AX(HE160) Mode Channel 114 (UNII-2C)	Polarization	Horizontal
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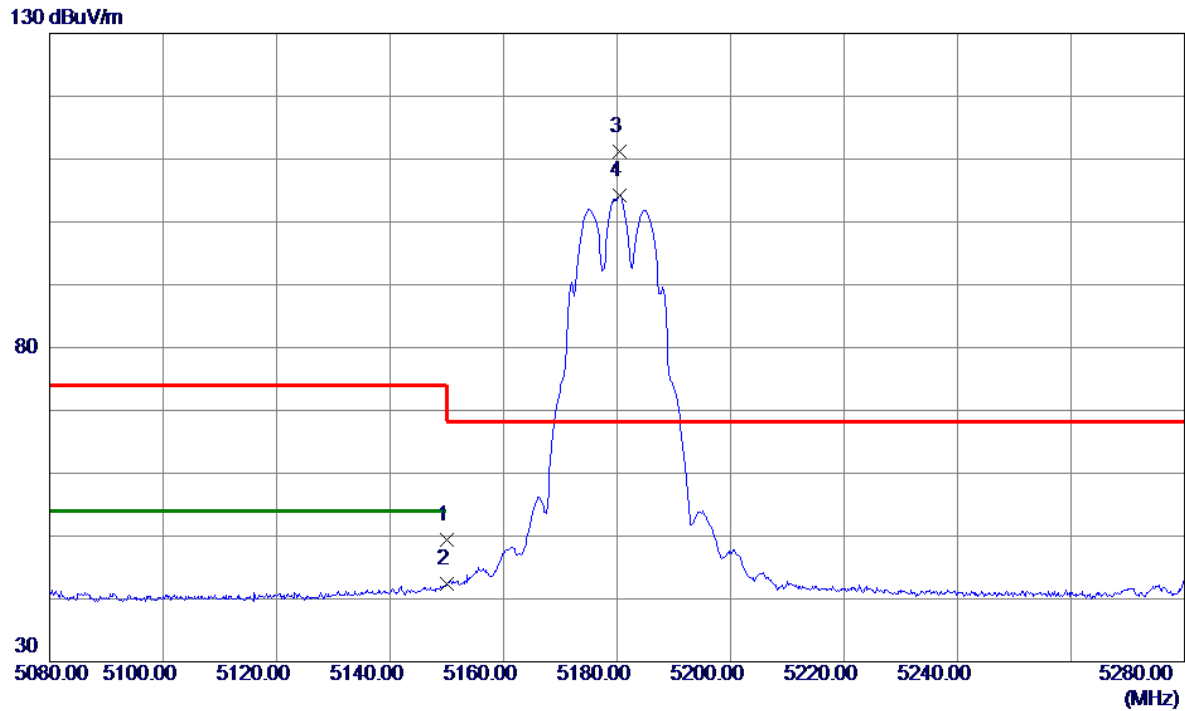
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	33.880	35.65	-15.60	20.05	40.00	-19.95	peak	
2		69.770	33.24	-16.37	16.87	40.00	-23.13	peak	
3		159.980	33.44	-12.90	20.54	43.50	-22.96	peak	
4		189.080	36.87	-15.18	21.69	43.50	-21.81	peak	
5		218.180	38.92	-15.42	23.50	46.00	-22.50	peak	
6		444.190	31.44	-7.96	23.48	46.00	-22.52	peak	

REMARKS:

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

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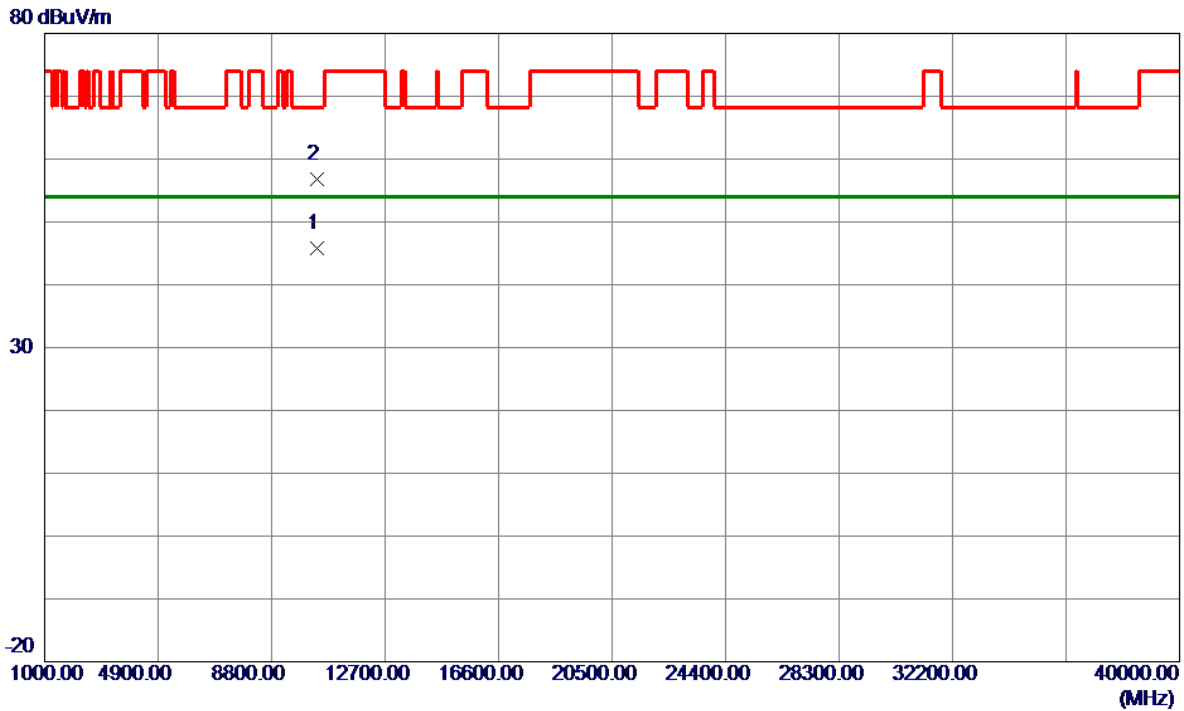


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	36.59	12.79	49.38	74.00	-24.62	Peak	
2	5150.0000	29.54	12.79	42.33	54.00	-11.67	AVG	
3 *	5180.4500	98.49	12.80	111.29	68.20	43.09	Peak	No Limit
4	5180.5000	91.39	12.80	104.19	999.00	-894.81	AVG	No Limit

REMARKS:

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

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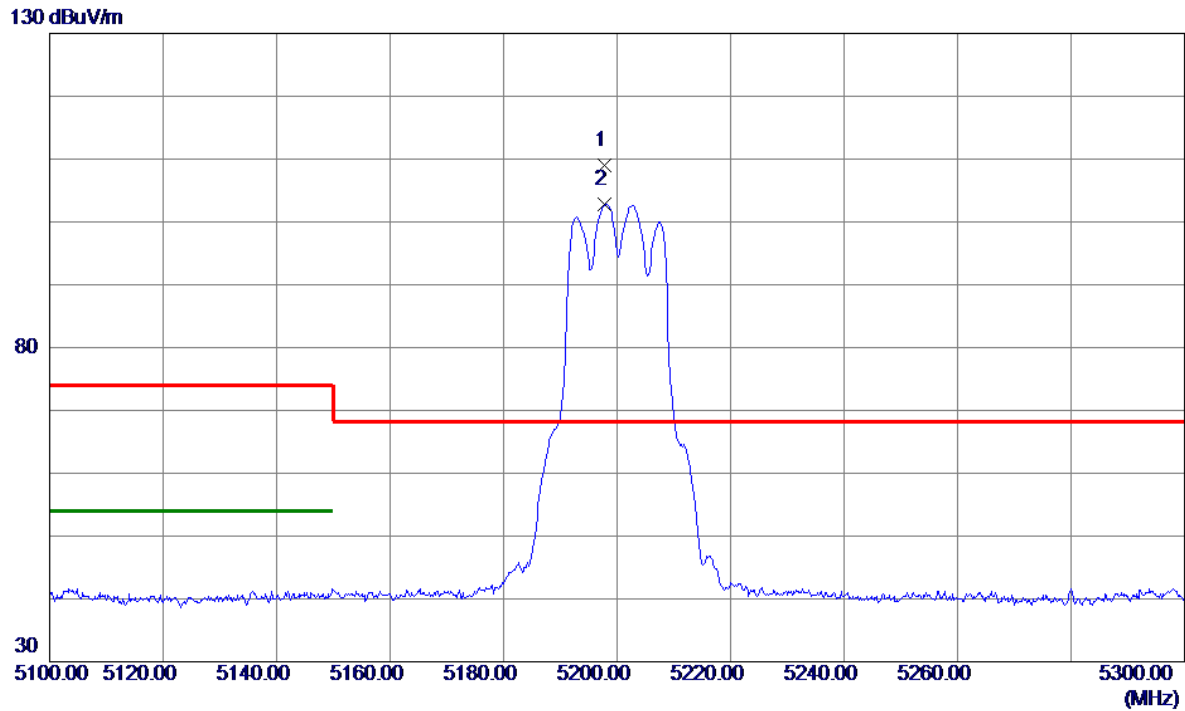


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10357.6600	38.39	7.49	45.88	54.00	-8.12	AVG	
2	10362.7800	49.35	7.49	56.84	68.20	-11.36	Peak	

REMARKS:

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

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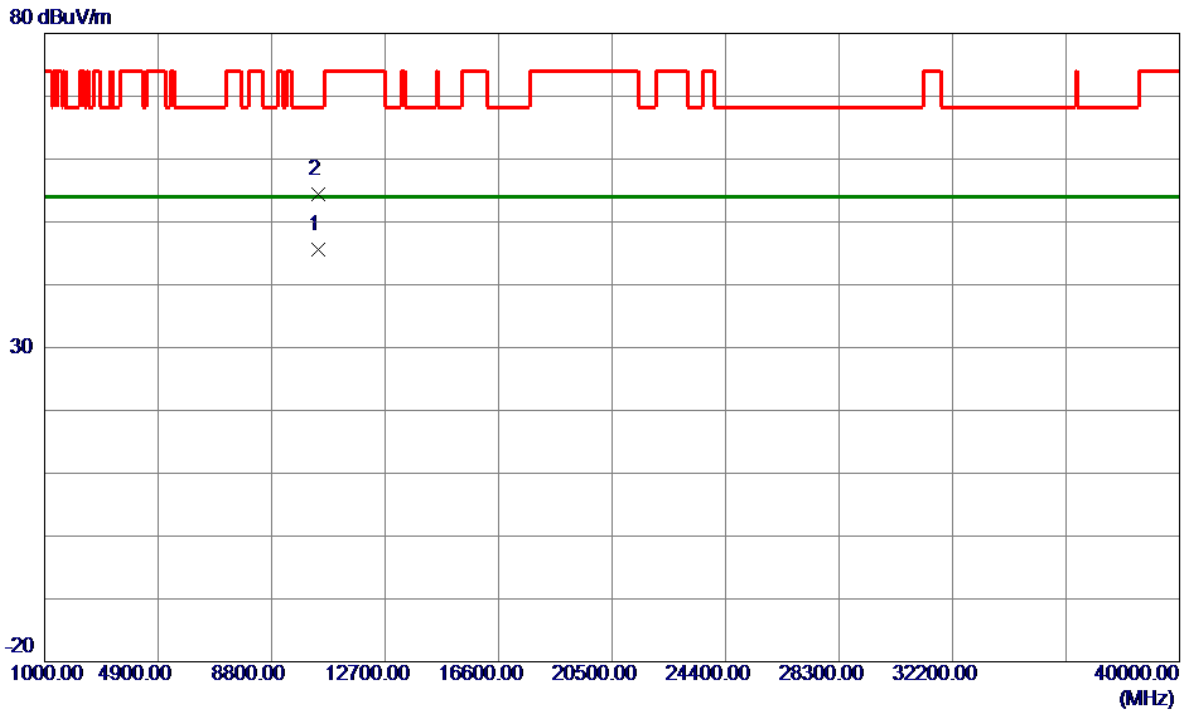


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5197.8000	96.18	12.81	108.99	68.20	40.79	Peak	No Limit
2	5197.8000	89.96	12.81	102.77	999.00	-896.23	AVG	No Limit

REMARKS:

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

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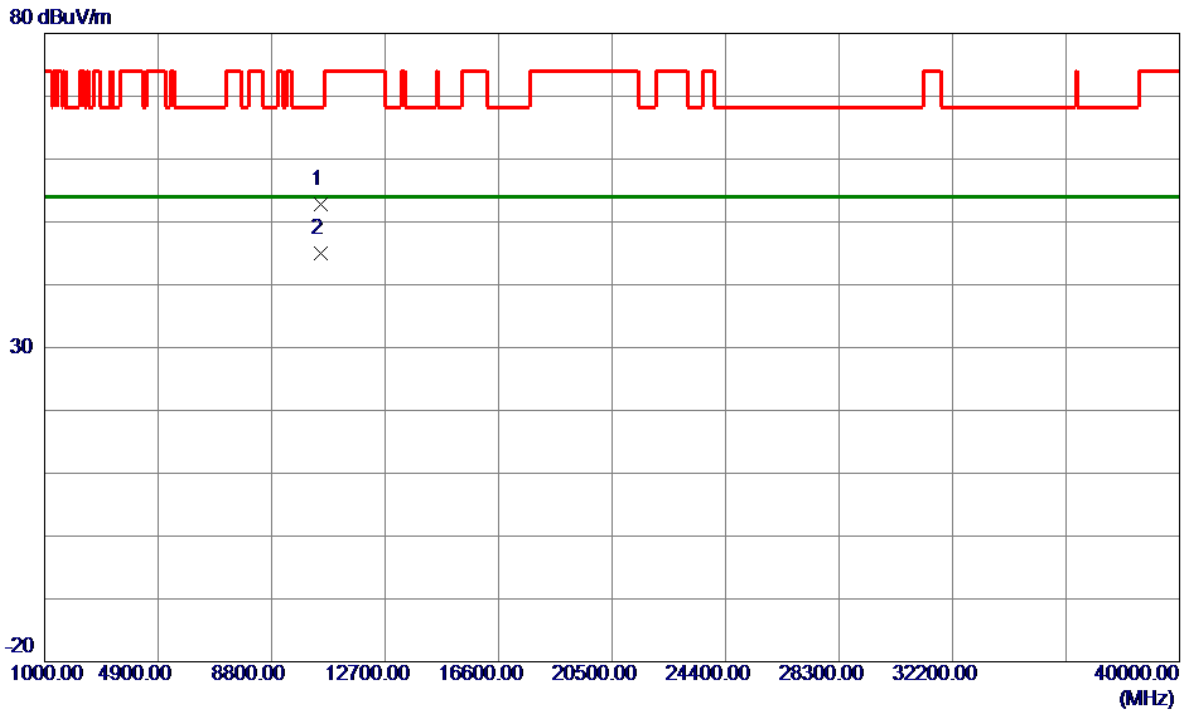


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10399.8400	38.06	7.49	45.55	54.00	-8.45	AVG	
2	10400.3200	46.93	7.49	54.42	68.20	-13.78	Peak	

REMARKS:

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

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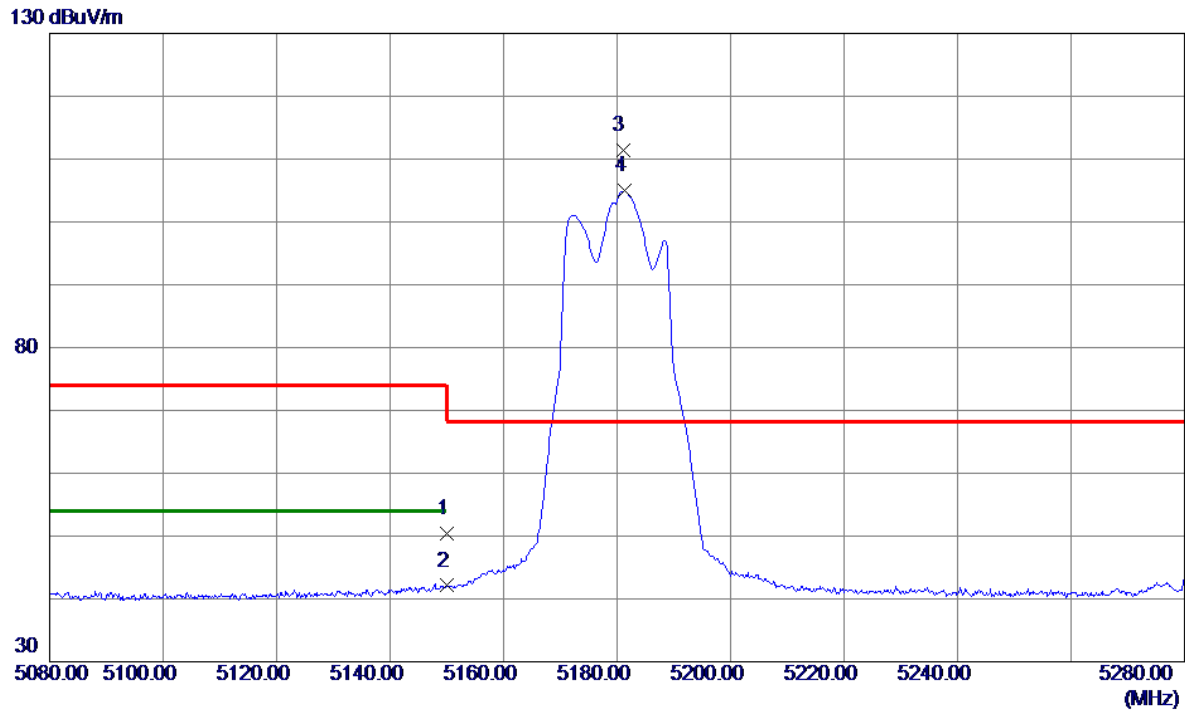


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10474.4400	45.41	7.47	52.88	68.20	-15.32	Peak	
2 *	10480.2100	37.46	7.47	44.93	54.00	-9.07	AVG	

REMARKS:

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

Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical
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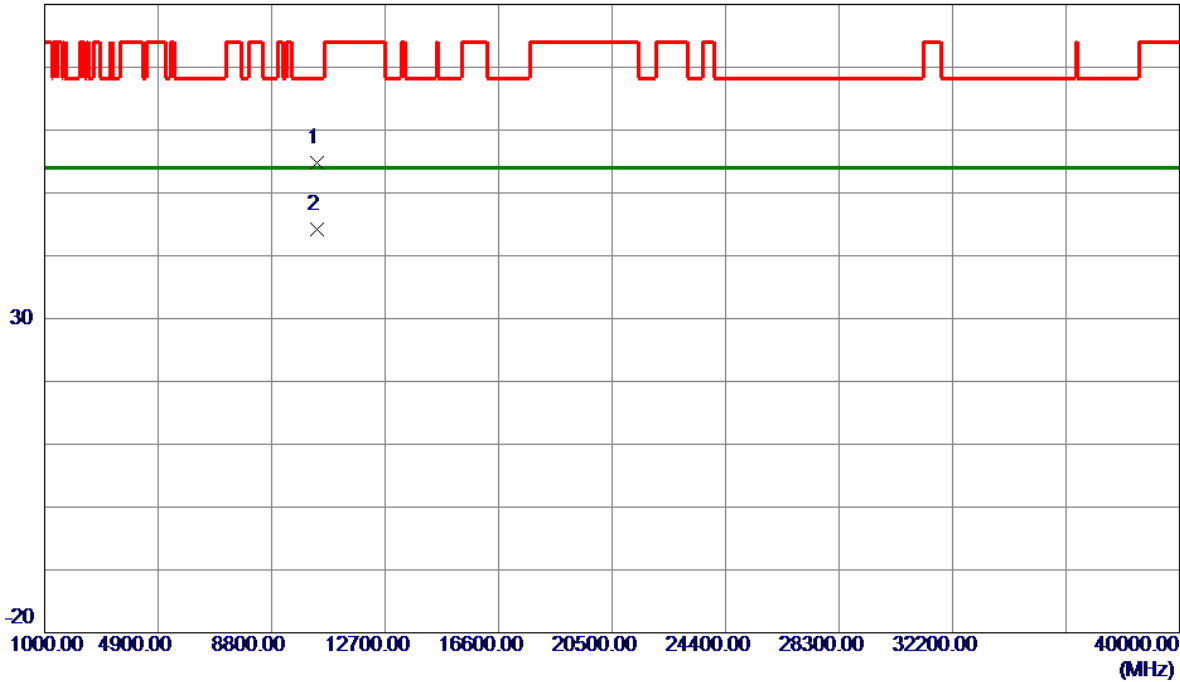
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	37.54	12.79	50.33	74.00	-23.67	Peak	
2	5150.0000	29.31	12.79	42.10	54.00	-11.90	AVG	
3 *	5181.0000	98.67	12.80	111.47	68.20	43.27	Peak	No Limit
4	5181.4000	92.18	12.80	104.98	999.00	-894.02	AVG	No Limit

REMARKS:

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

Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical
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80 dBuV/m

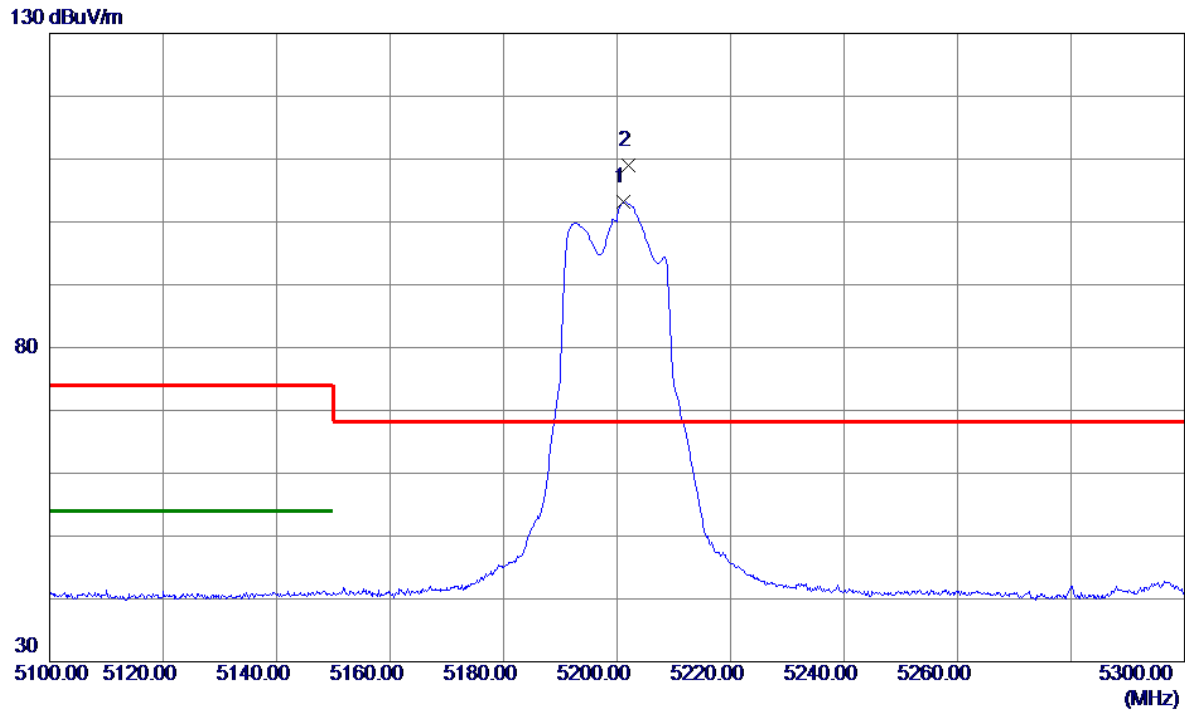


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10357.0500	47.22	7.49	54.71	68.20	-13.49	Peak	
2 *	10358.2100	36.62	7.49	44.11	54.00	-9.89	AVG	

REMARKS:

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

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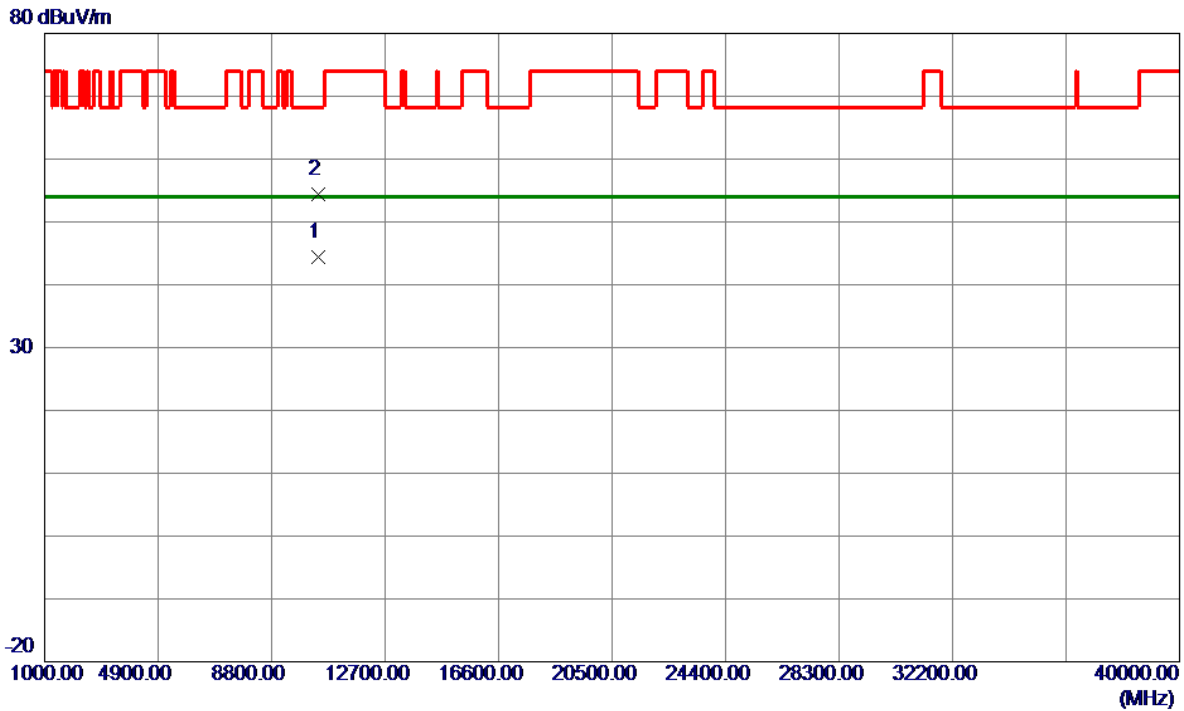


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5201.1000	90.35	12.81	103.16	999.00	-895.84	AVG	No Limit
2 *	5202.0000	96.26	12.81	109.07	68.20	40.87	Peak	No Limit

REMARKS:

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

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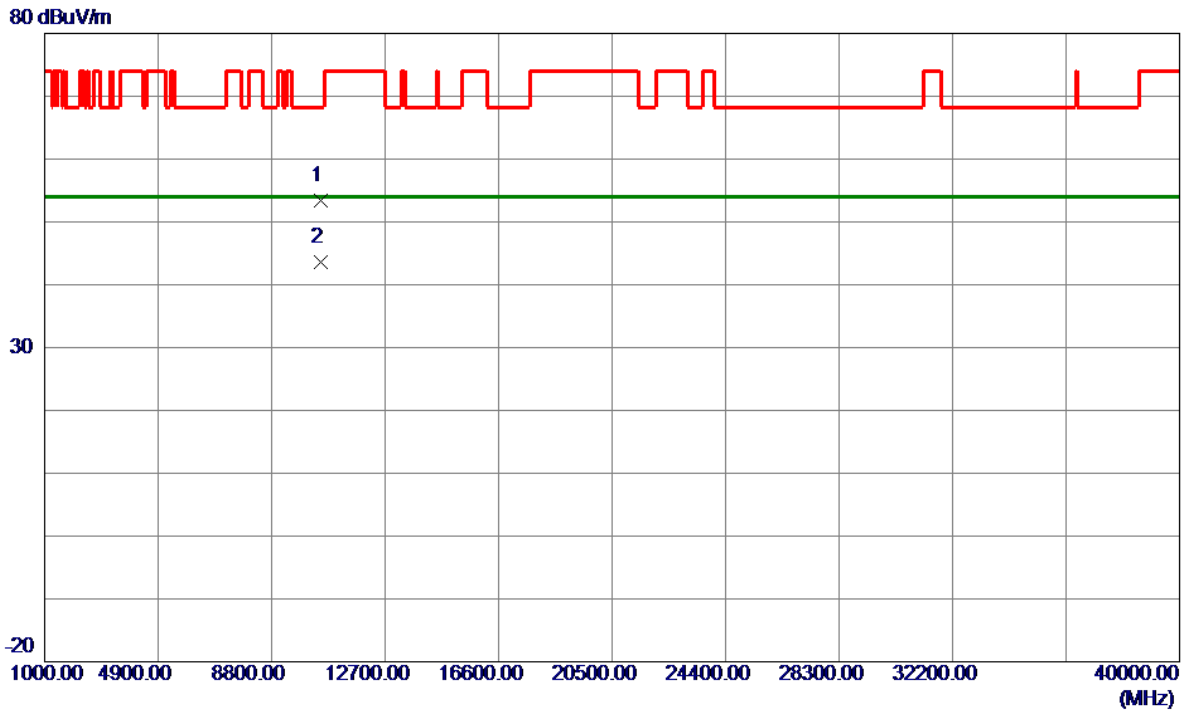


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10399.8600	36.87	7.49	44.36	54.00	-9.64	AVG	
2	10400.5199	46.85	7.49	54.34	68.20	-13.86	Peak	

REMARKS:

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

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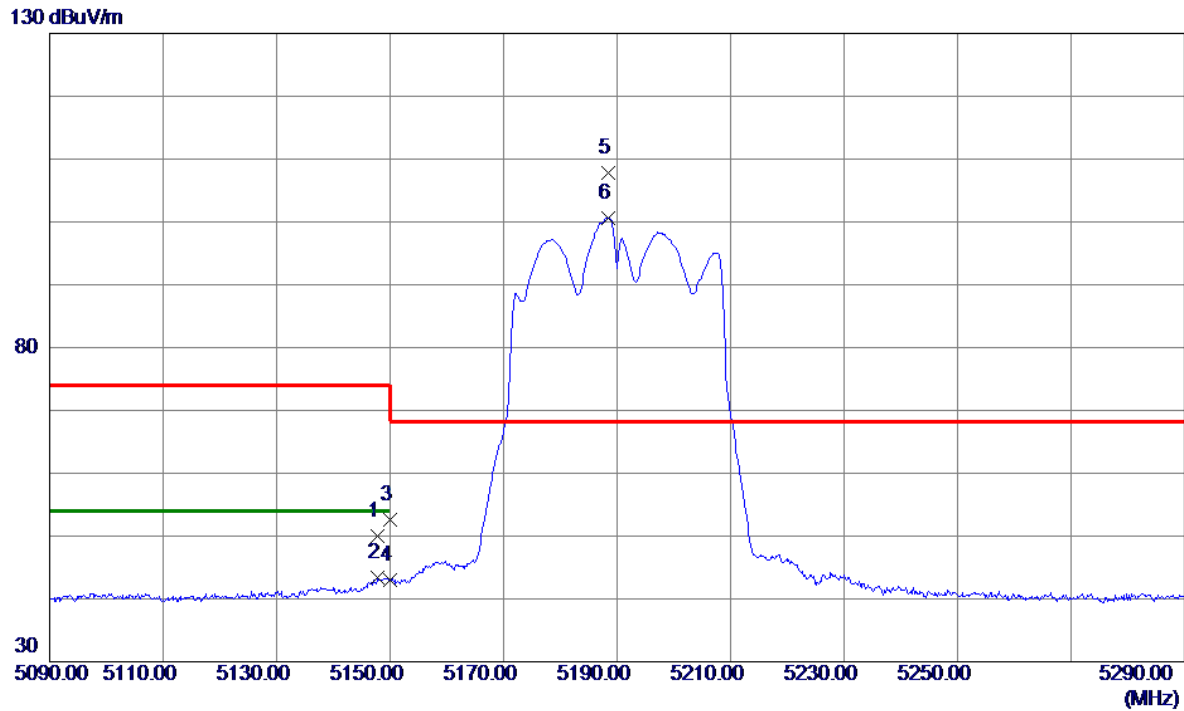


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10479.2500	46.00	7.47	53.47	68.20	-14.73	Peak	
2 *	10480.5700	36.19	7.47	43.66	54.00	-10.34	AVG	

REMARKS:

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

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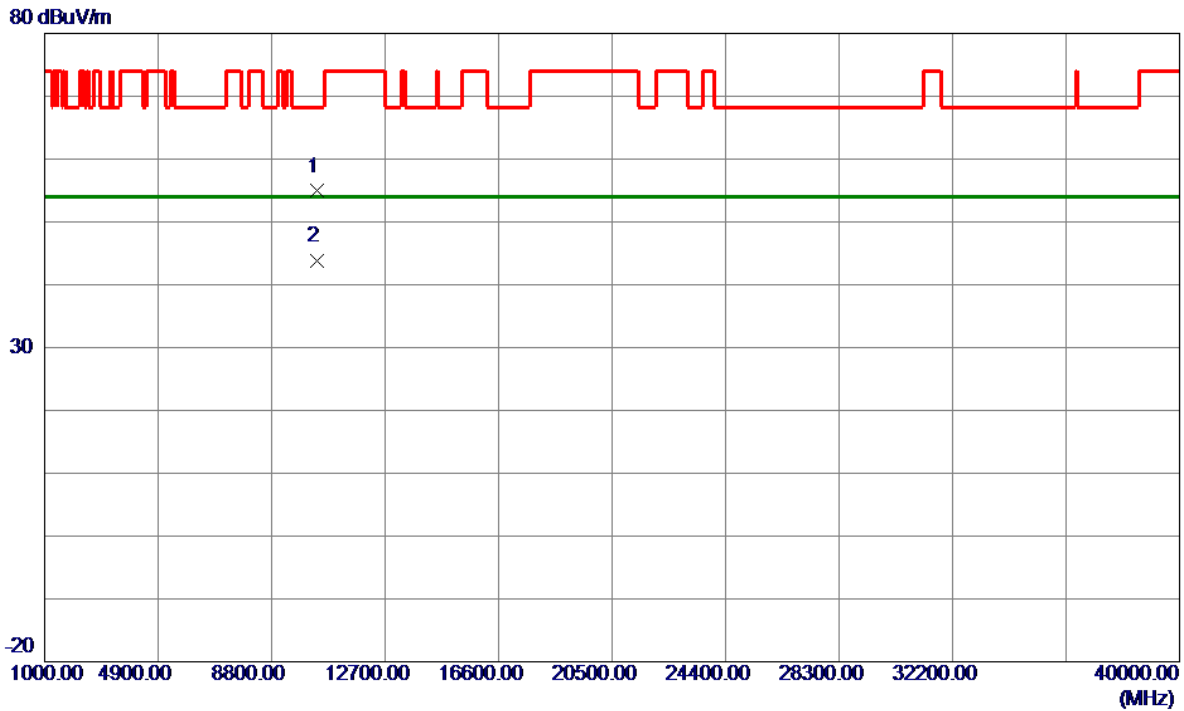


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5147.8000	37.14	12.79	49.93	74.00	-24.07	Peak	
2	5147.8000	30.55	12.79	43.34	54.00	-10.66	AVG	
3	5150.0000	39.72	12.79	52.51	74.00	-21.49	Peak	
4	5150.0000	30.22	12.79	43.01	54.00	-10.99	AVG	
5 *	5188.4000	94.91	12.80	107.71	68.20	39.51	Peak	No Limit
6	5188.4000	87.82	12.80	100.62	999.00	-898.38	AVG	No Limit

REMARKS:

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

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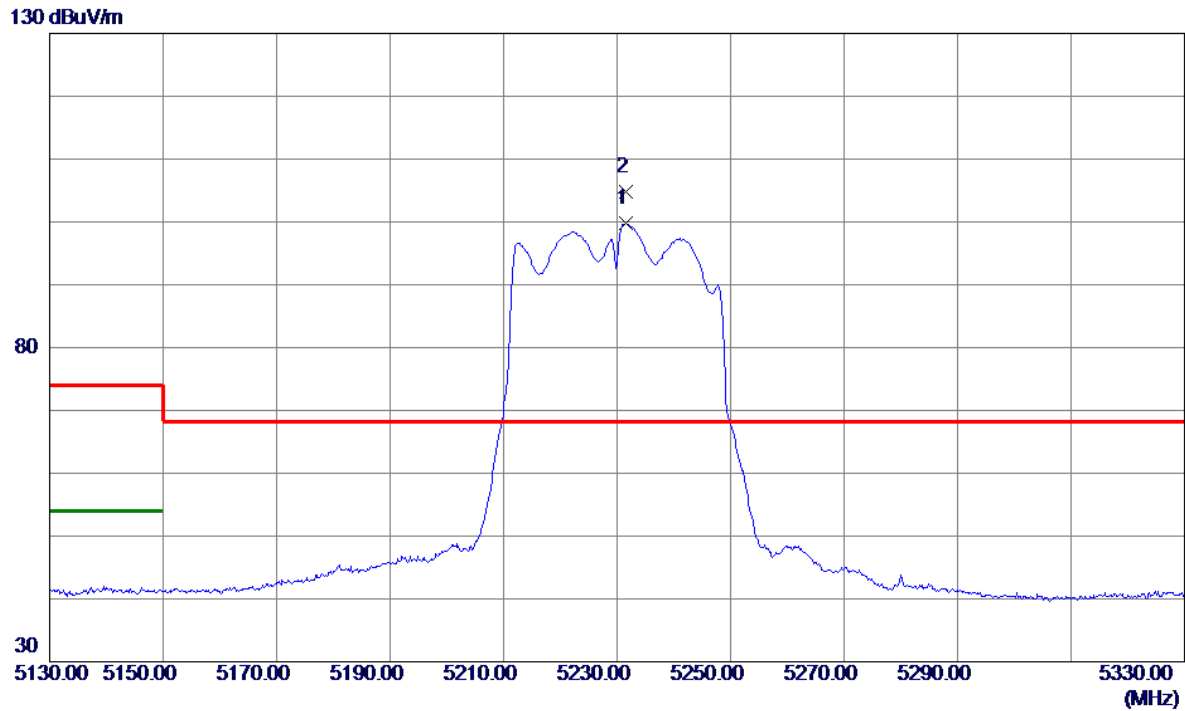


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10379.6700	47.41	7.49	54.90	68.20	-13.30	Peak	
2 *	10379.9600	36.26	7.49	43.75	54.00	-10.25	AVG	

REMARKS:

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

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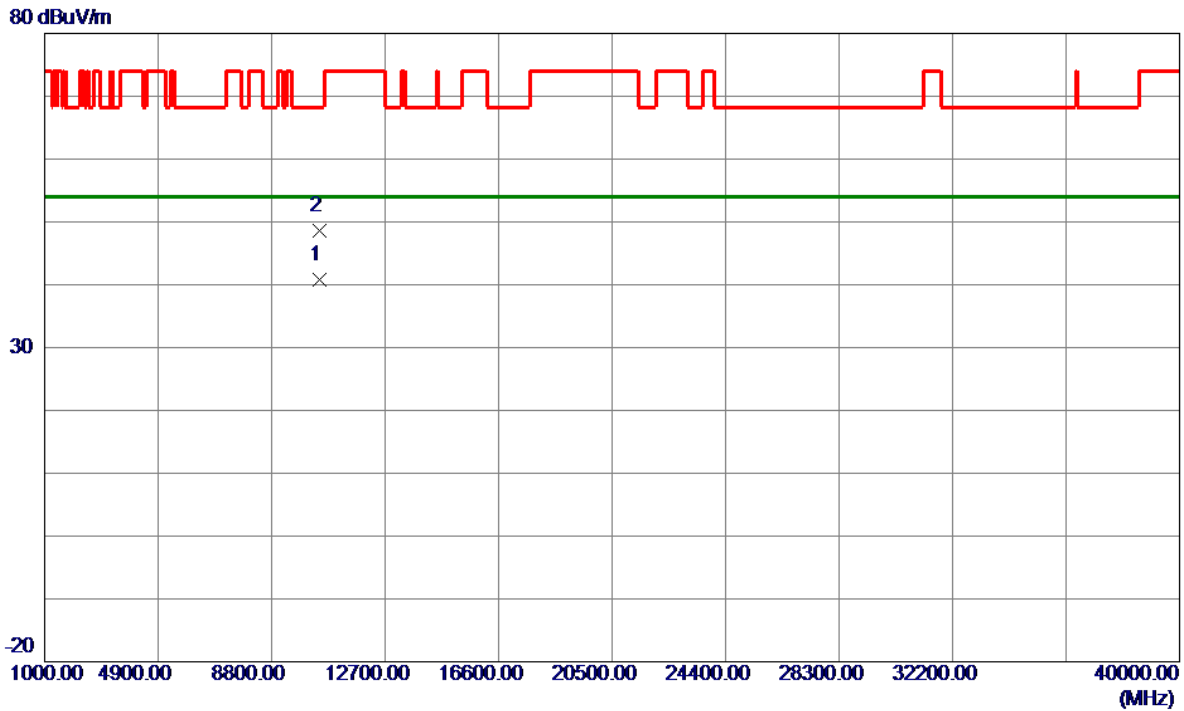


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5231.5000	86.91	12.82	99.73	999.00	-899.27	AVG	No Limit
2 *	5231.6000	91.89	12.82	104.71	68.20	36.51	Peak	No Limit

REMARKS:

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

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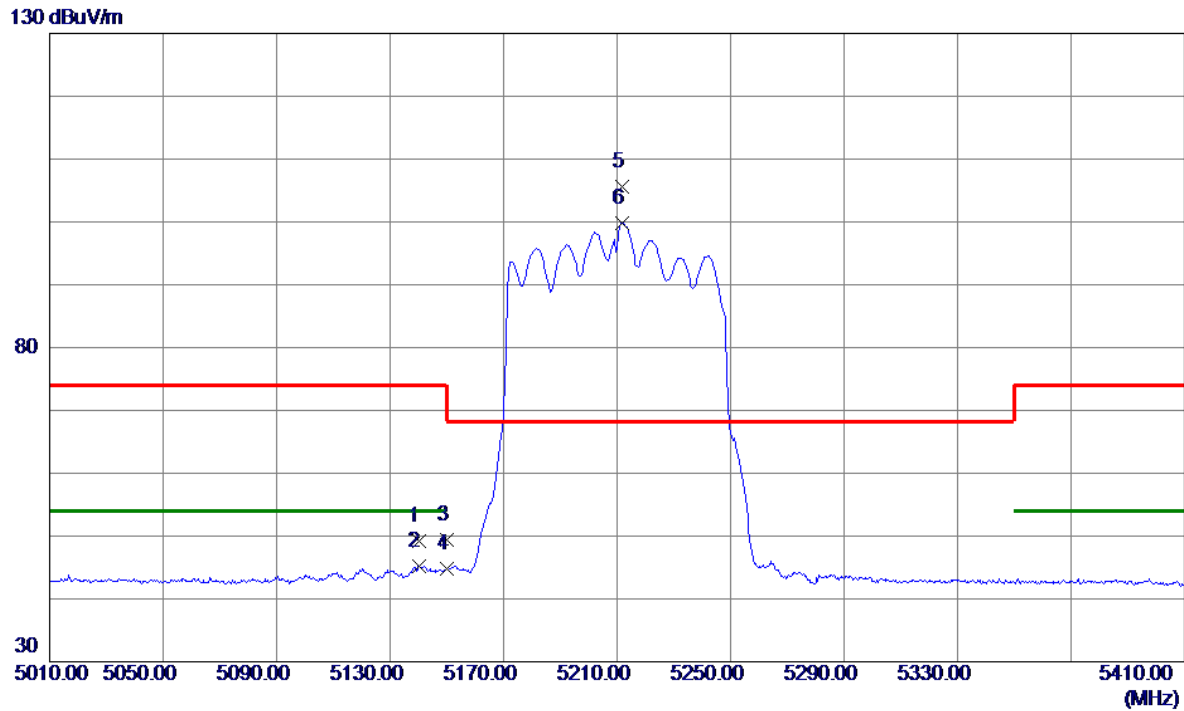


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10459.8800	33.36	7.48	40.84	54.00	-13.16	AVG	
2	10459.9000	41.19	7.48	48.67	68.20	-19.53	Peak	

REMARKS:

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

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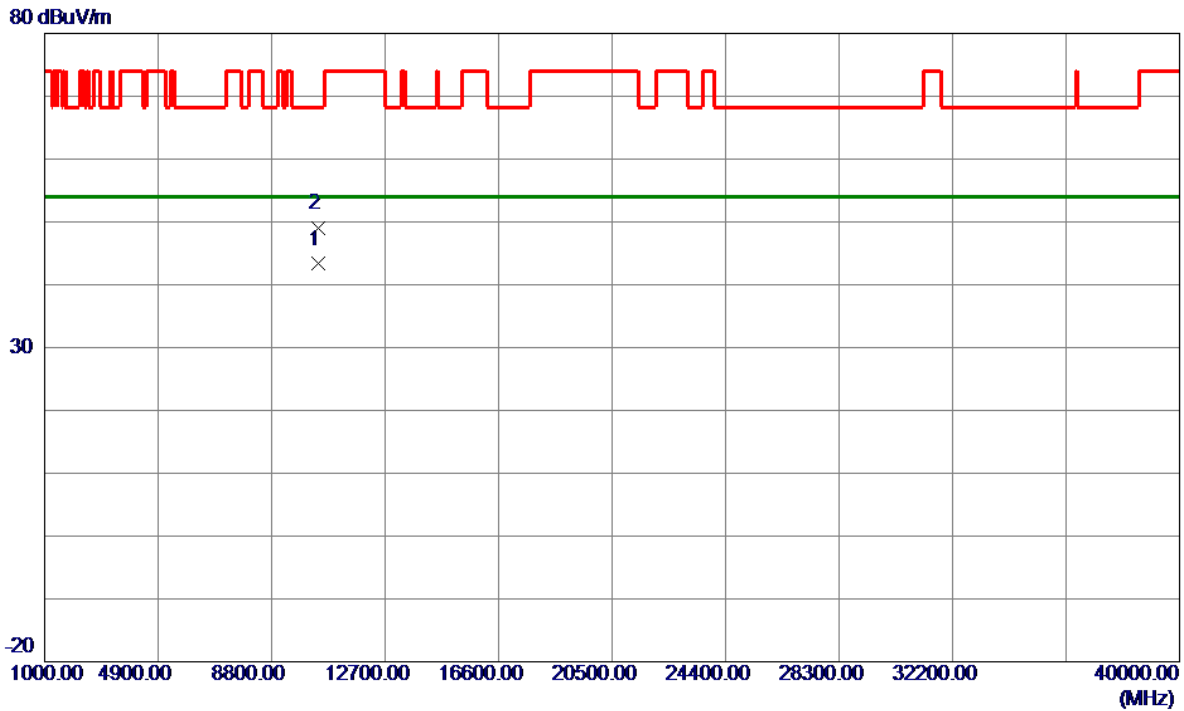


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5140.0000	36.44	12.78	49.22	74.00	-24.78	Peak	
2	5140.0000	32.48	12.78	45.26	54.00	-8.74	AVG	
3	5150.0000	36.66	12.79	49.45	74.00	-24.55	Peak	
4	5150.0000	32.04	12.79	44.83	54.00	-9.17	AVG	
5 *	5211.6000	92.73	12.81	105.54	68.20	37.34	Peak	No Limit
6	5211.8000	87.06	12.81	99.87	999.00	-899.13	AVG	No Limit

REMARKS:

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

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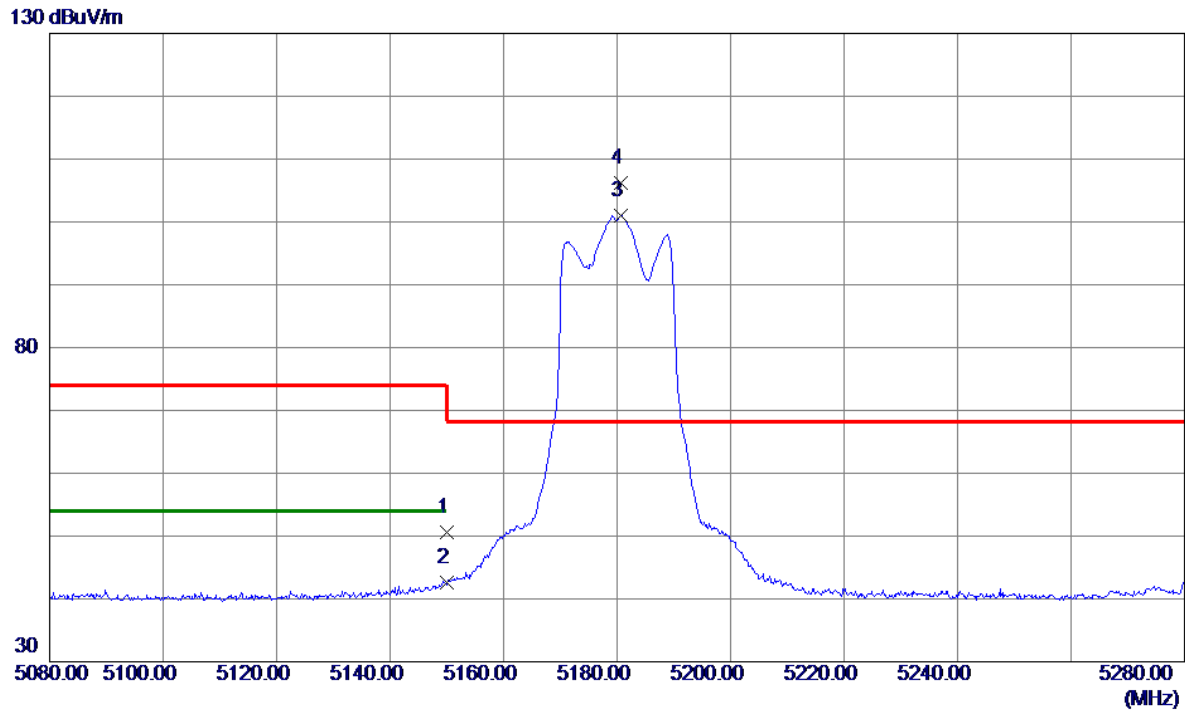


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10419.9200	35.82	7.48	43.30	54.00	-10.70	AVG	
2	10419.9600	41.49	7.48	48.97	68.20	-19.23	Peak	

REMARKS:

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

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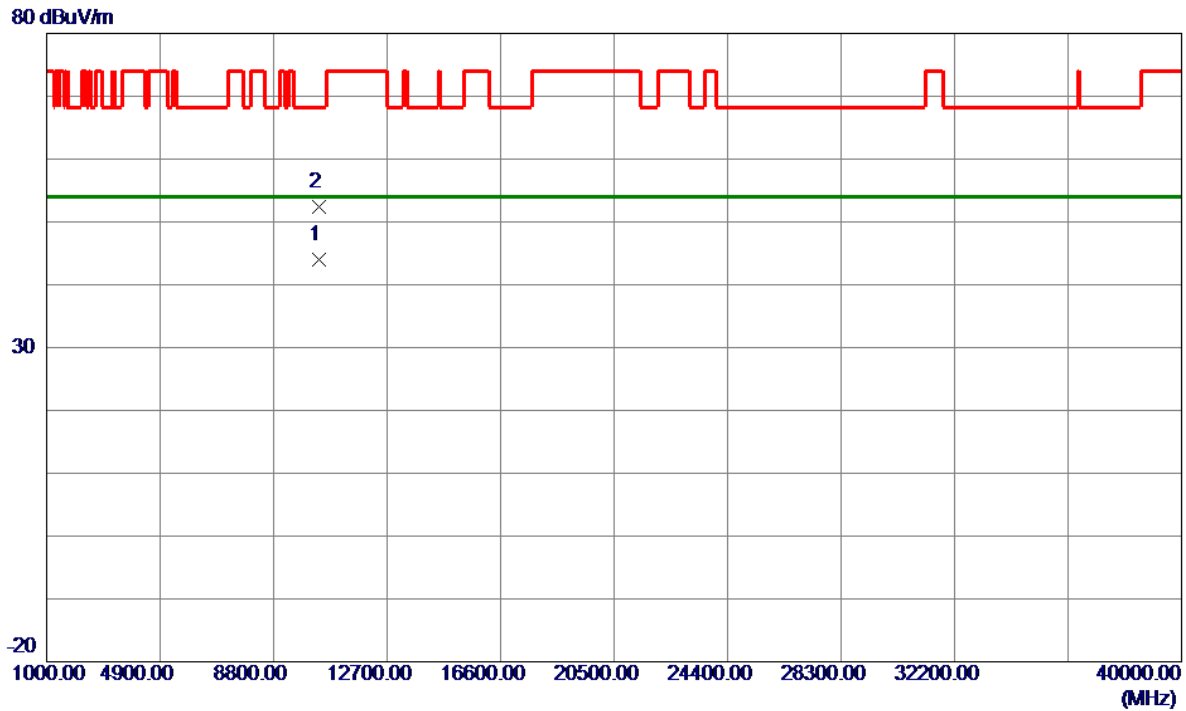


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	37.83	12.79	50.62	74.00	-23.38	Peak	
2	5150.0000	29.89	12.79	42.68	54.00	-11.32	AVG	
3	5180.6000	88.18	12.80	100.98	999.00	-898.02	AVG	No Limit
4 *	5180.7000	93.38	12.80	106.18	68.20	37.98	Peak	No Limit

REMARKS:

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

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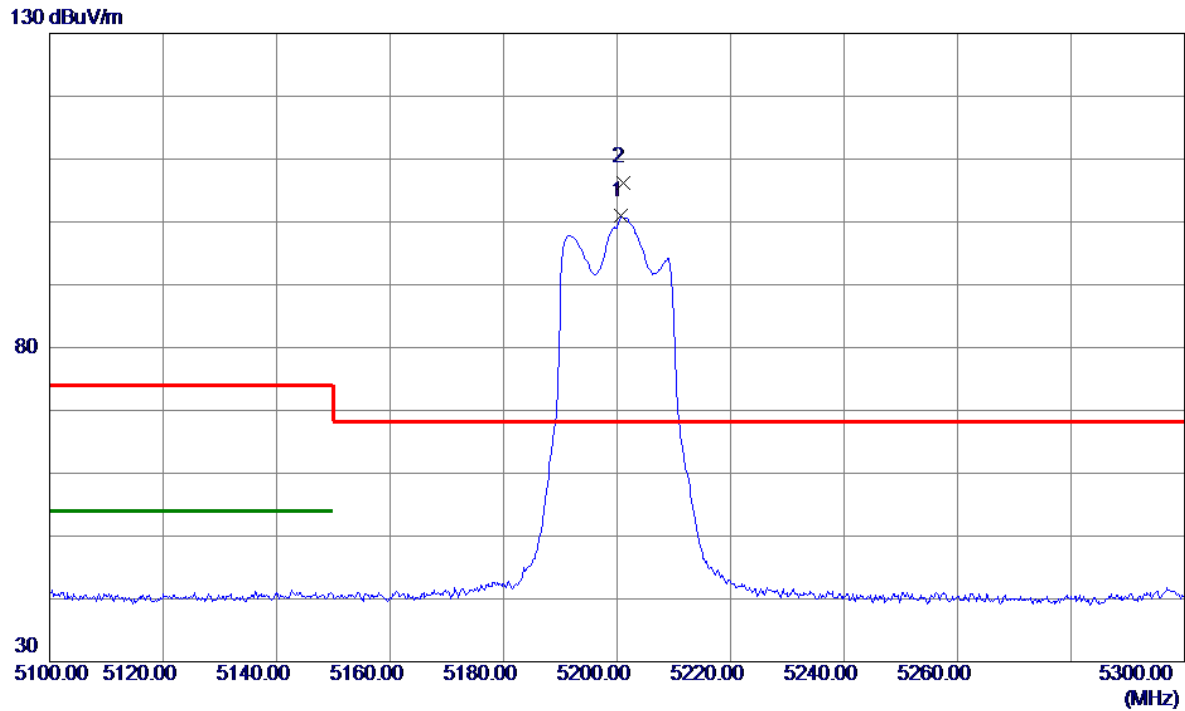


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10359.7100	36.56	7.49	44.05	54.00	-9.95	AVG	
2	10361.0400	44.91	7.49	52.40	68.20	-15.80	Peak	

REMARKS:

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

Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical
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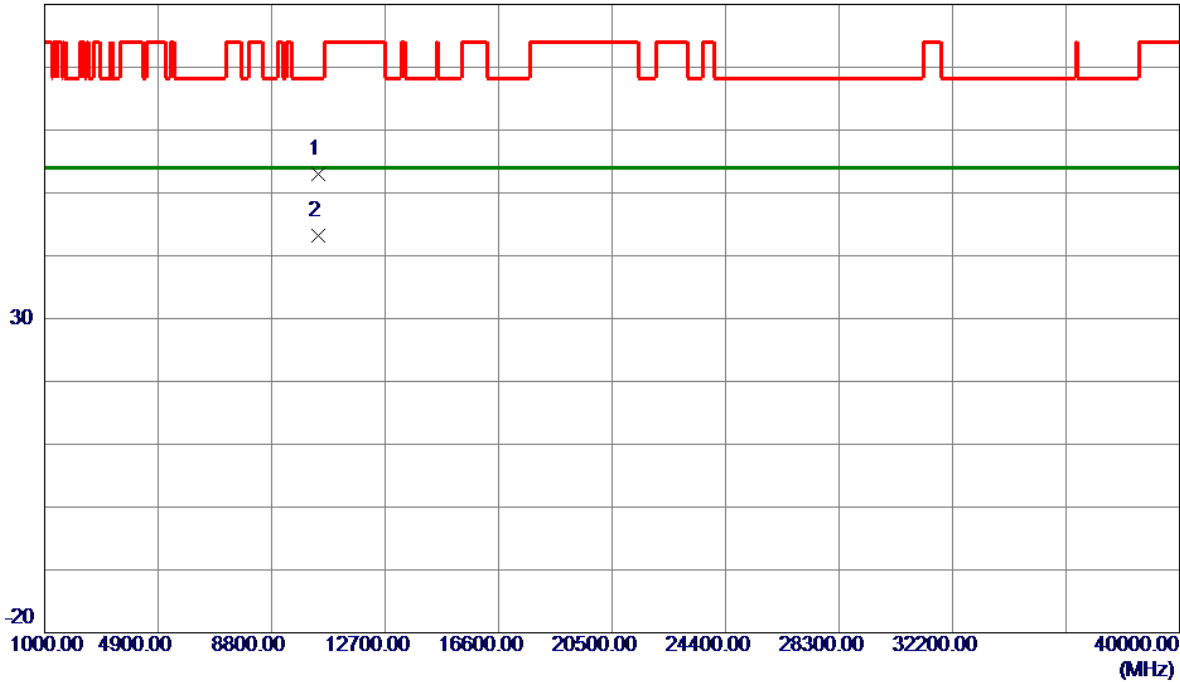
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5200.7000	88.09	12.81	100.90	999.00	-898.10	AVG	No Limit
2 *	5201.0000	93.49	12.81	106.30	68.20	38.10	Peak	No Limit

REMARKS:

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

Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical
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80 dBuV/m

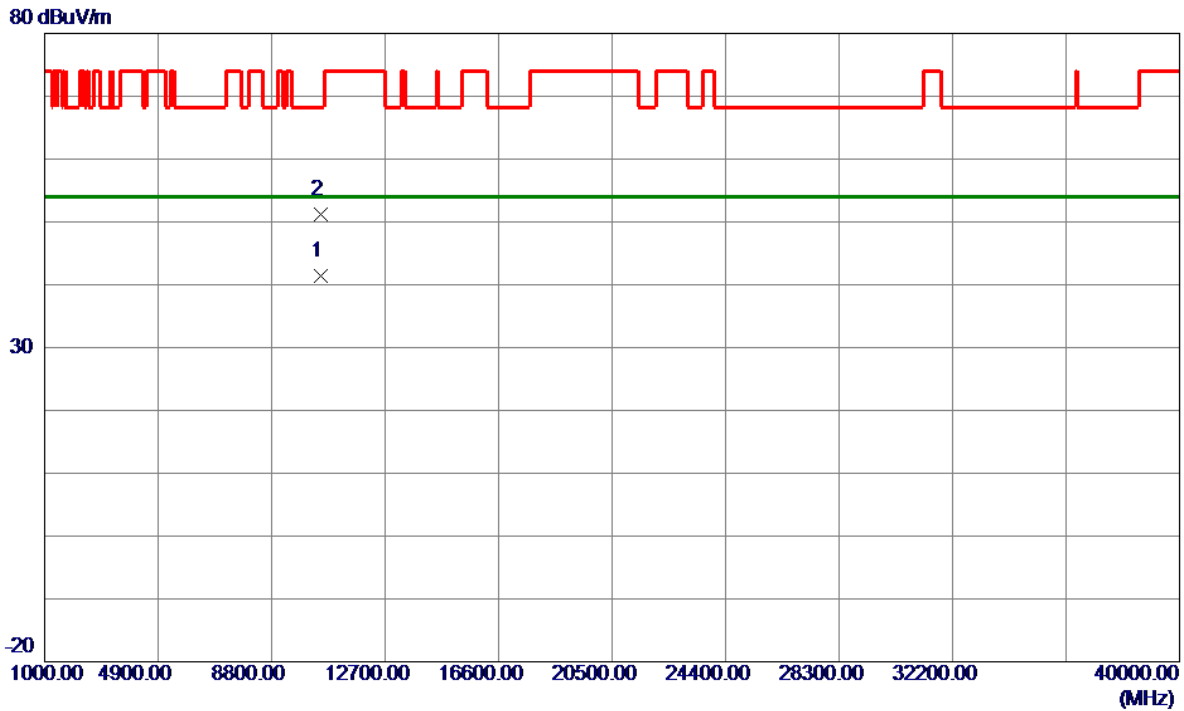


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10399.1500	45.53	7.49	53.02	68.20	-15.18	Peak	
2 *	10400.0100	35.62	7.49	43.11	54.00	-10.89	AVG	

REMARKS:

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

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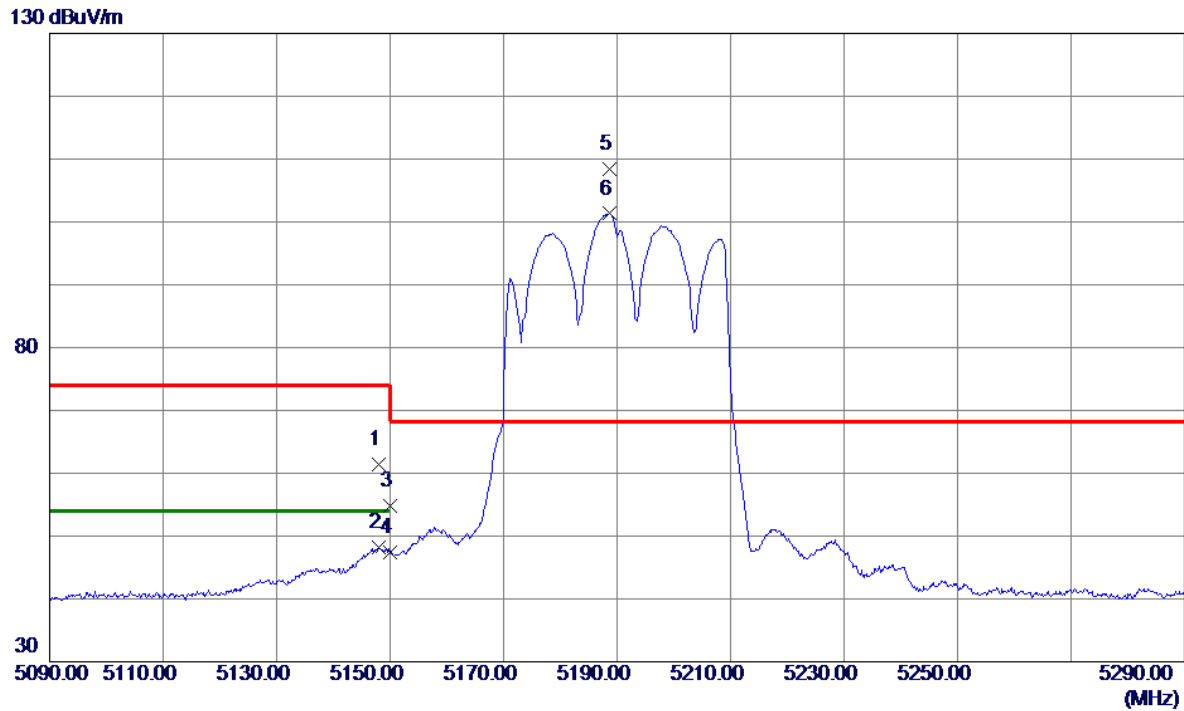


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10479.7600	33.99	7.47	41.46	54.00	-12.54	AVG	
2	10480.8000	43.69	7.47	51.16	68.20	-17.04	Peak	

REMARKS:

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

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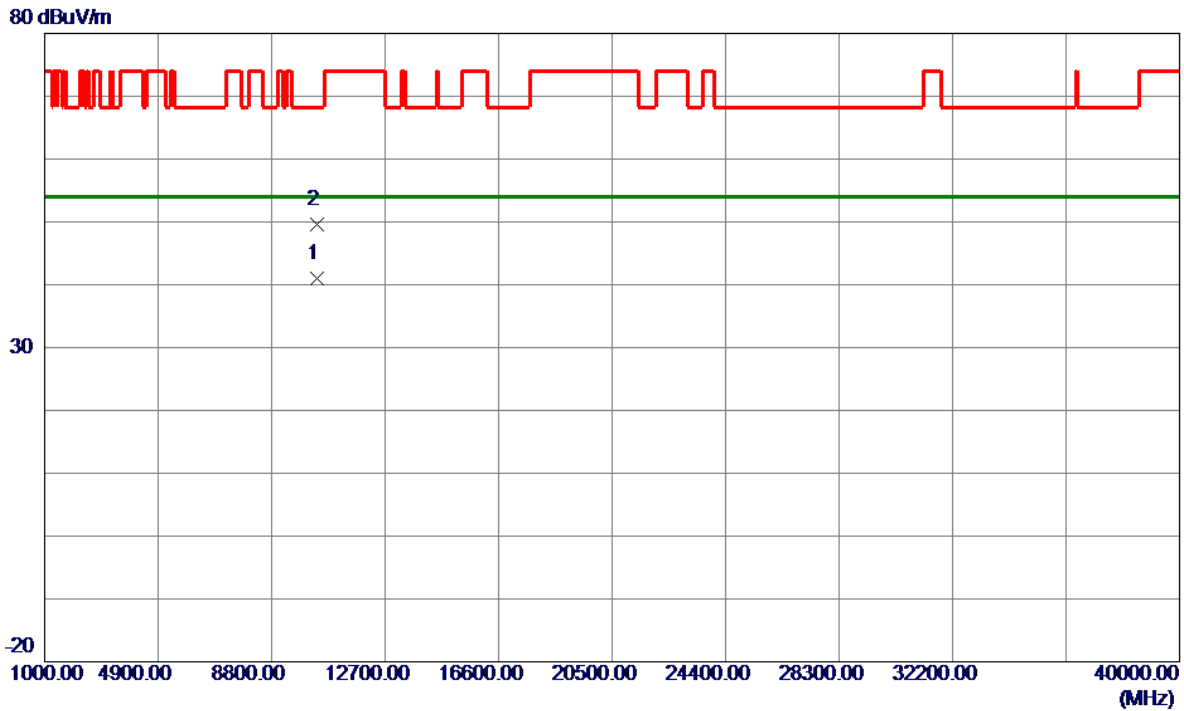


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5148.1000	48.54	12.79	61.33	74.00	-12.67	Peak	
2	5148.1000	35.32	12.79	48.11	54.00	-5.89	AVG	
3	5150.0000	42.06	12.79	54.85	74.00	-19.15	Peak	
4	5150.0000	34.63	12.79	47.42	54.00	-6.58	AVG	
5 *	5188.6000	95.58	12.80	108.38	68.20	40.18	Peak	No Limit
6	5188.6000	88.50	12.80	101.30	999.00	-897.70	AVG	No Limit

REMARKS:

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

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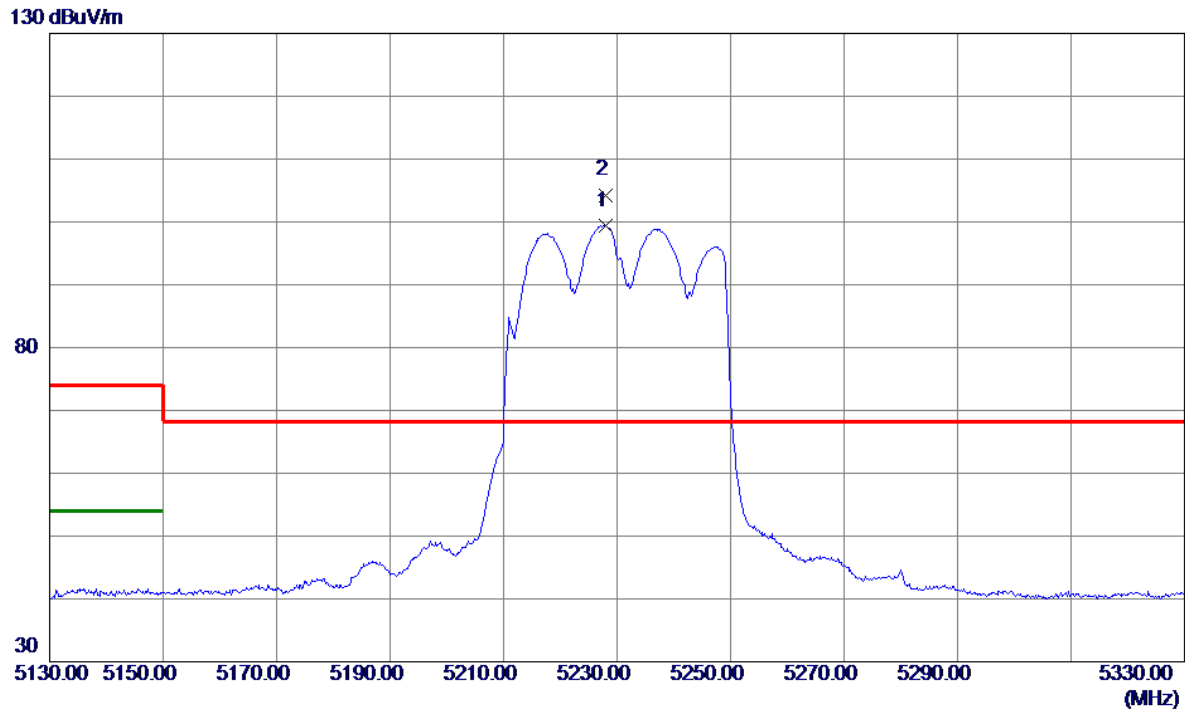


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10378.1300	33.43	7.49	40.92	54.00	-13.08	AVG	
2	10378.8200	42.02	7.49	49.51	68.20	-18.69	Peak	

REMARKS:

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

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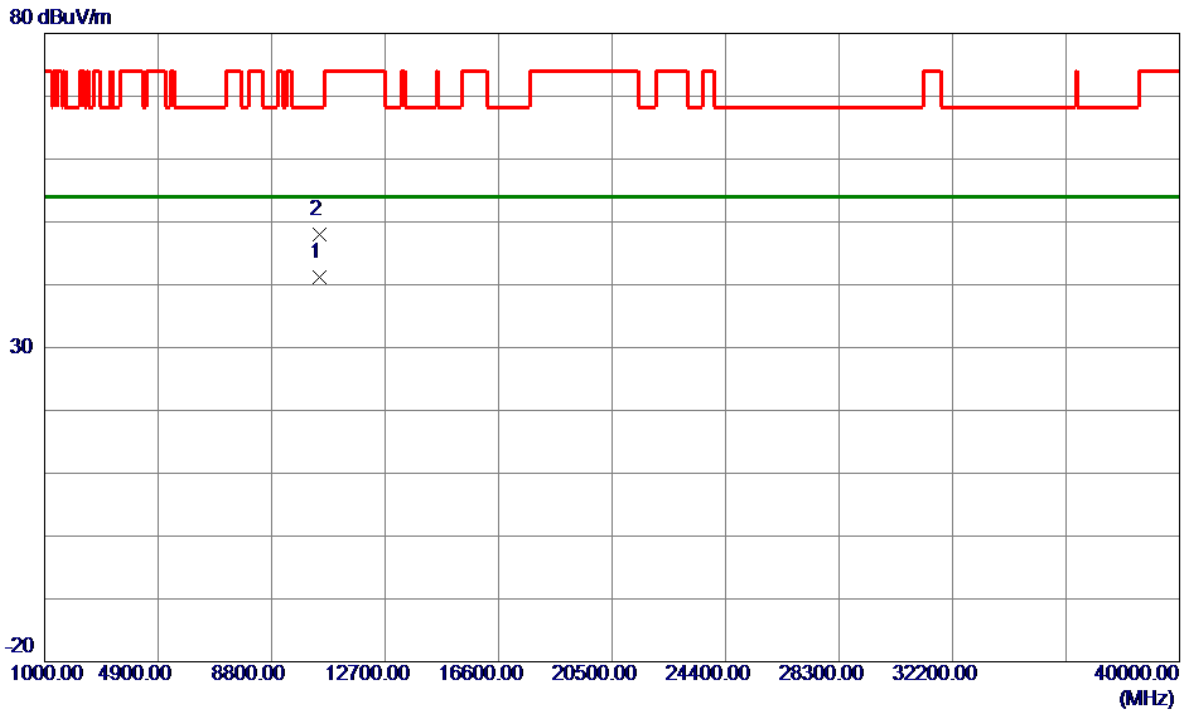


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5227.9000	86.67	12.82	99.49	999.00	-899.51	AVG	No Limit
2 *	5228.1000	91.48	12.82	104.30	68.20	36.10	Peak	No Limit

REMARKS:

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

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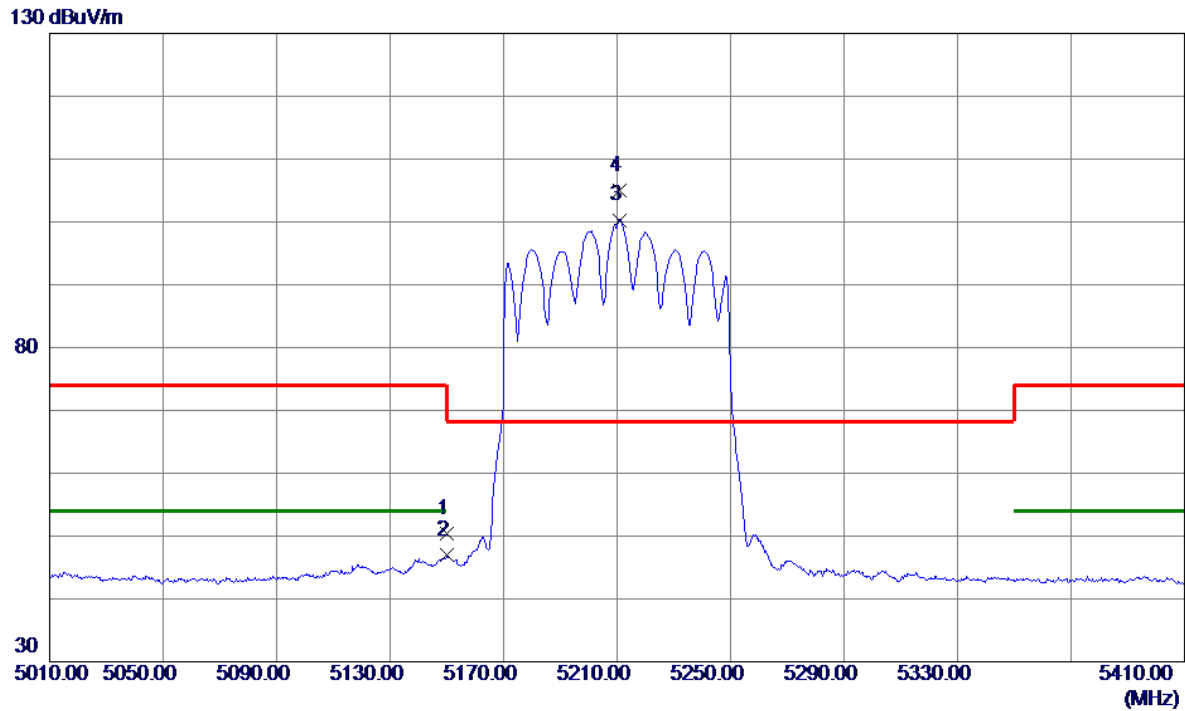


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10459.9700	33.71	7.48	41.19	54.00	-12.81	AVG	
2	10460.2200	40.47	7.48	47.95	68.20	-20.25	Peak	

REMARKS:

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

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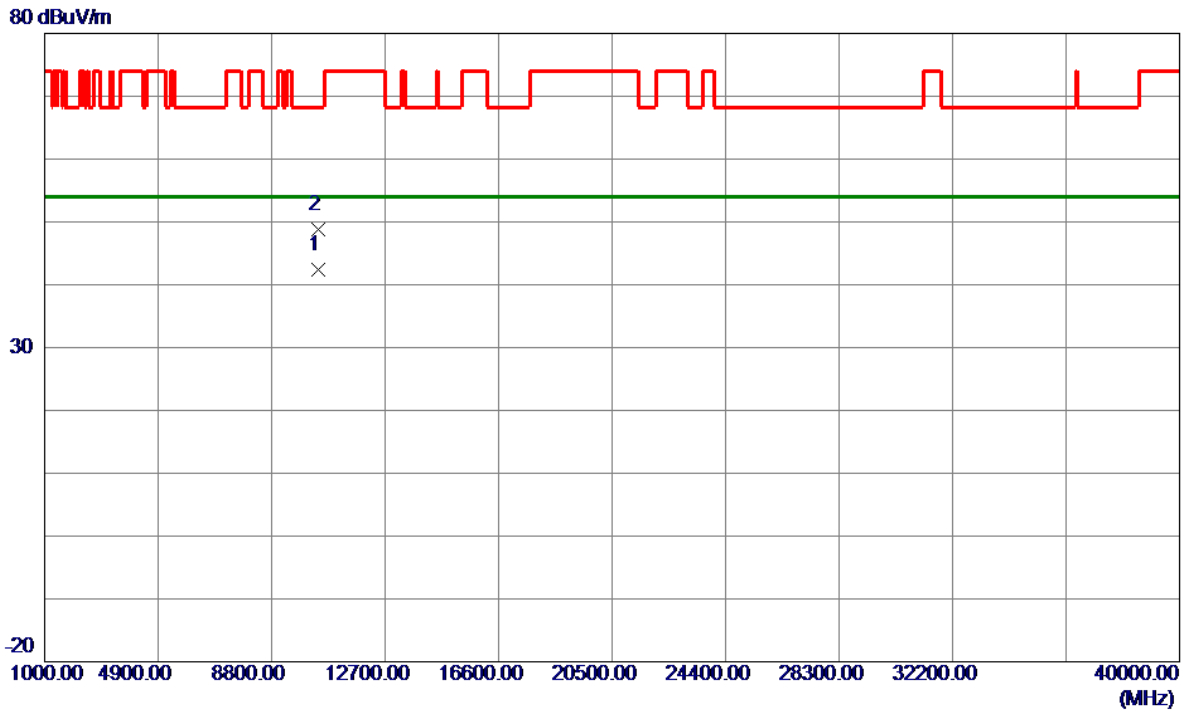


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	37.62	12.79	50.41	74.00	-23.59	Peak	
2	5150.0000	34.22	12.79	47.01	54.00	-6.99	AVG	
3	5210.8000	87.49	12.81	100.30	999.00	-898.70	AVG	No Limit
4 *	5211.0000	92.13	12.81	104.94	68.20	36.74	Peak	No Limit

REMARKS:

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

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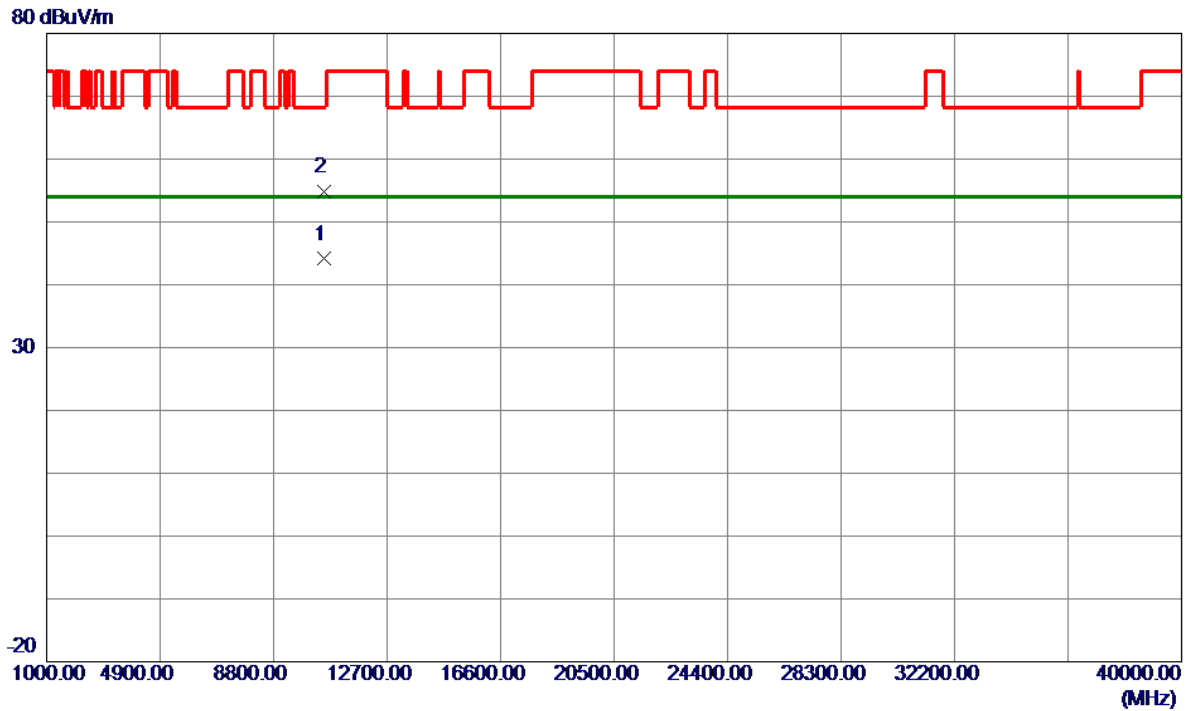


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10419.9000	34.89	7.48	42.37	54.00	-11.63	AVG	
2	10420.2400	41.38	7.48	48.86	68.20	-19.34	Peak	

REMARKS:

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

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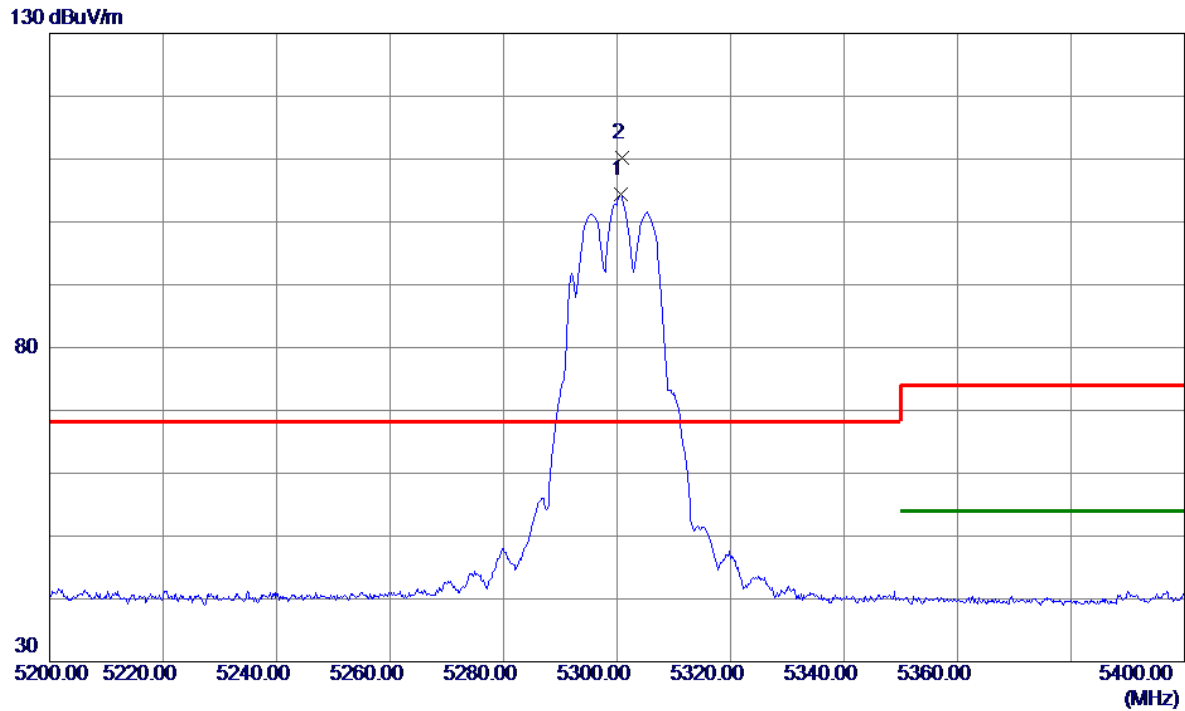


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10520.2400	36.60	7.50	44.10	54.00	-9.90	AVG	
2	10520.7800	47.30	7.50	54.80	68.20	-13.40	Peak	

REMARKS:

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

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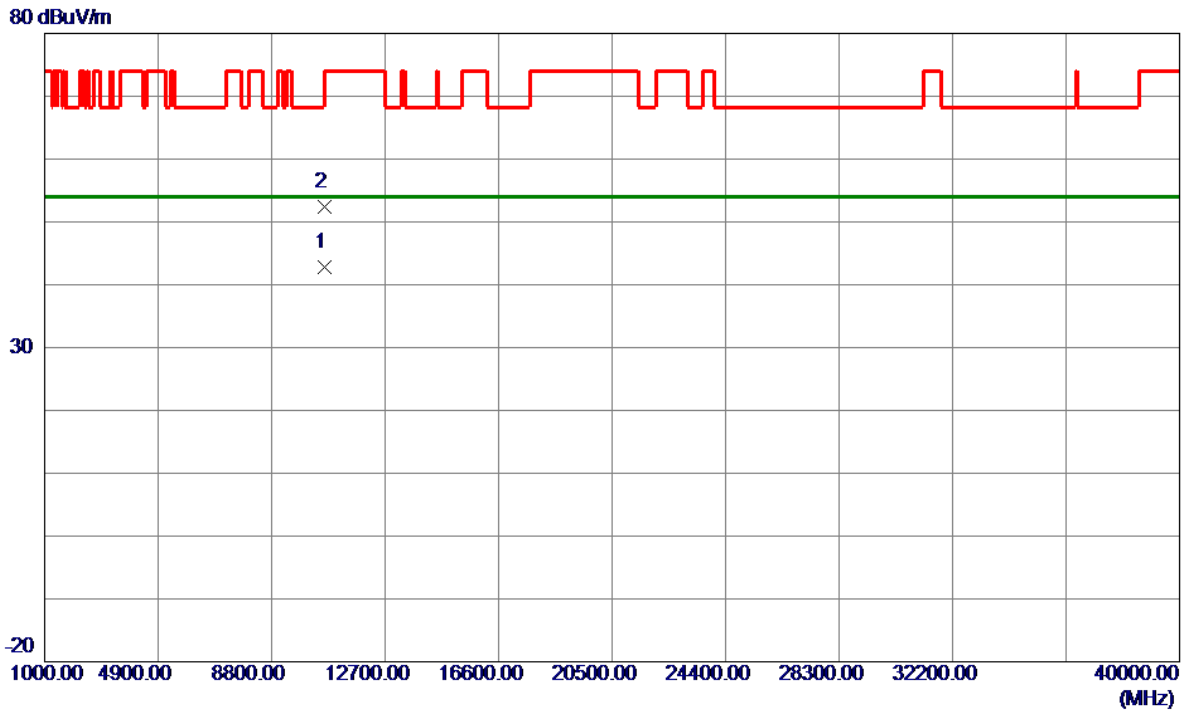


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5300.7000	91.46	12.85	104.31	999.00	-894.69	AVG	No Limit
2 *	5300.8000	97.27	12.85	110.12	68.20	41.92	Peak	No Limit

REMARKS:

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

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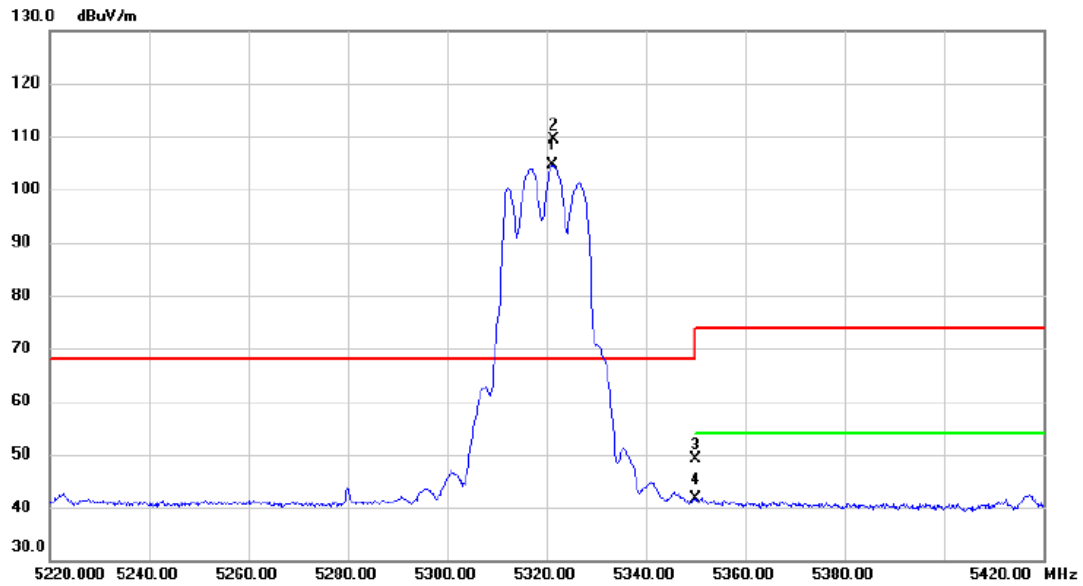


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10603.6200	35.11	7.61	42.72	54.00	-11.28	AVG	
2	10603.7800	44.82	7.61	52.43	74.00	-21.57	Peak	

REMARKS:

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

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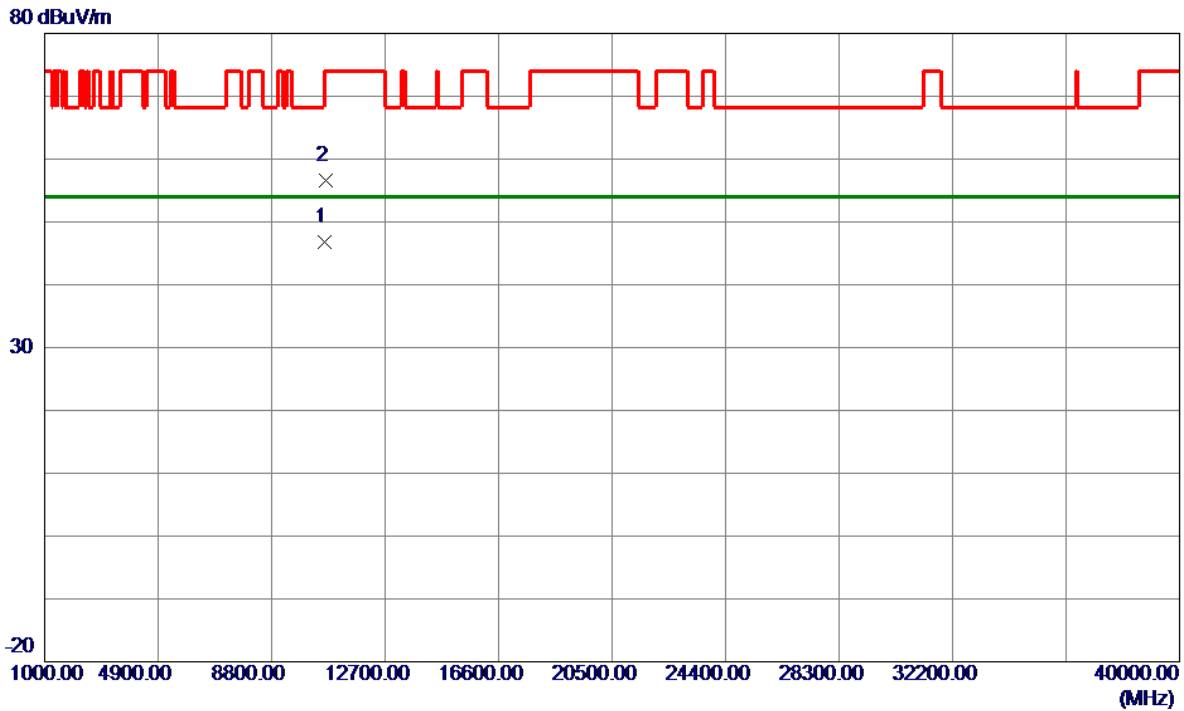


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5321.200	91.68	12.85	104.53	68.20	36.33	AVG	No Limit
2	*	5321.500	96.42	12.85	109.27	68.20	41.07	peak	No Limit
3		5350.000	36.16	12.87	49.03	74.00	-24.97	peak	
4		5350.000	28.65	12.87	41.52	54.00	-12.48	AVG	

REMARKS:

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

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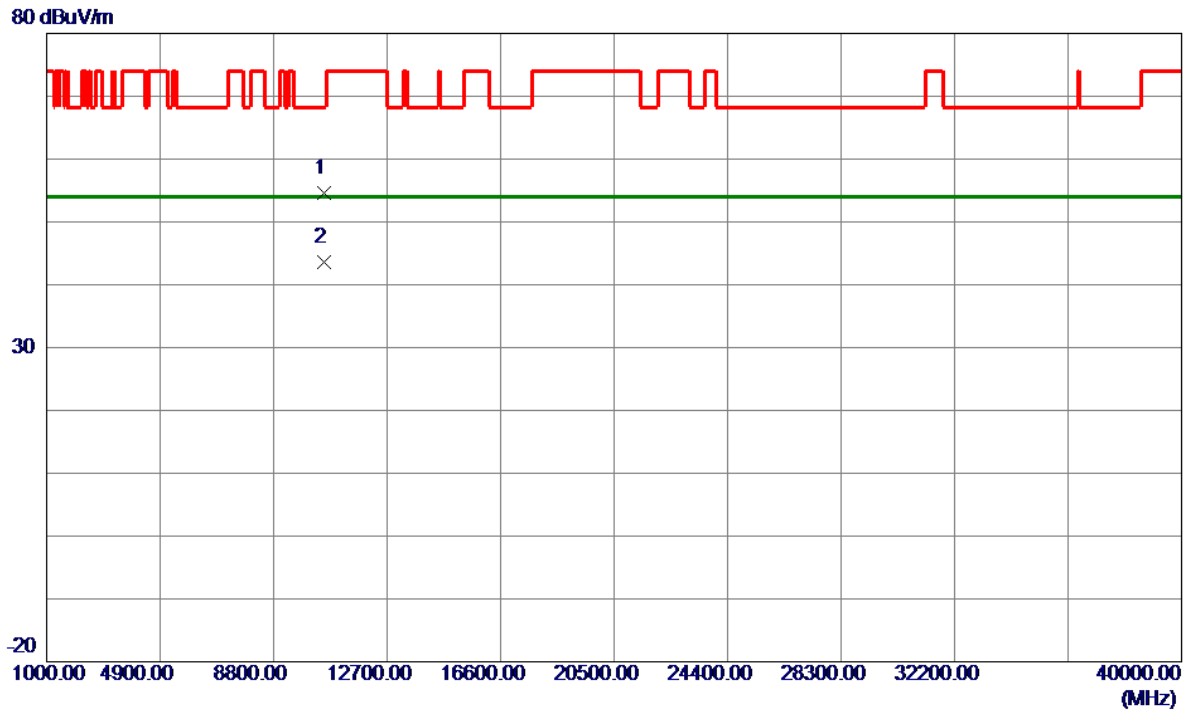


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10637.9700	39.23	7.66	46.89	54.00	-7.11	AVG	
2	10643.0400	48.95	7.66	56.61	74.00	-17.39	Peak	

REMARKS:

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

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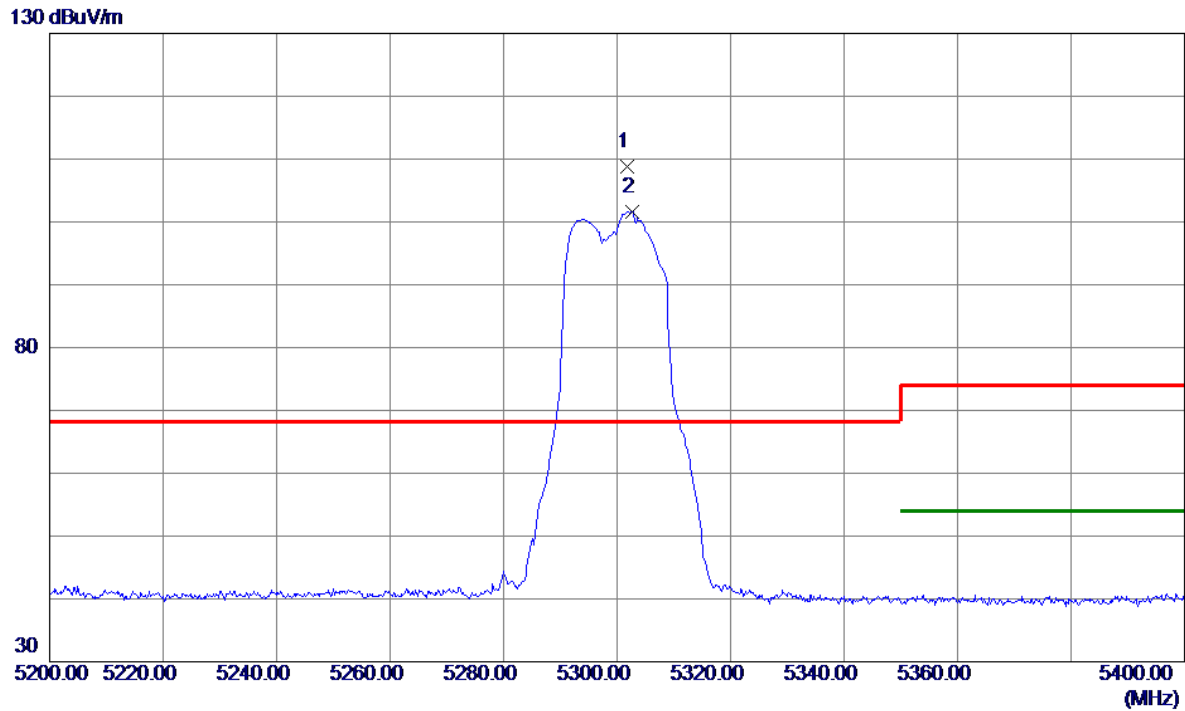


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.5400	47.16	7.50	54.66	68.20	-13.54	Peak	
2 *	10520.5900	36.17	7.50	43.67	54.00	-10.33	AVG	

REMARKS:

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical
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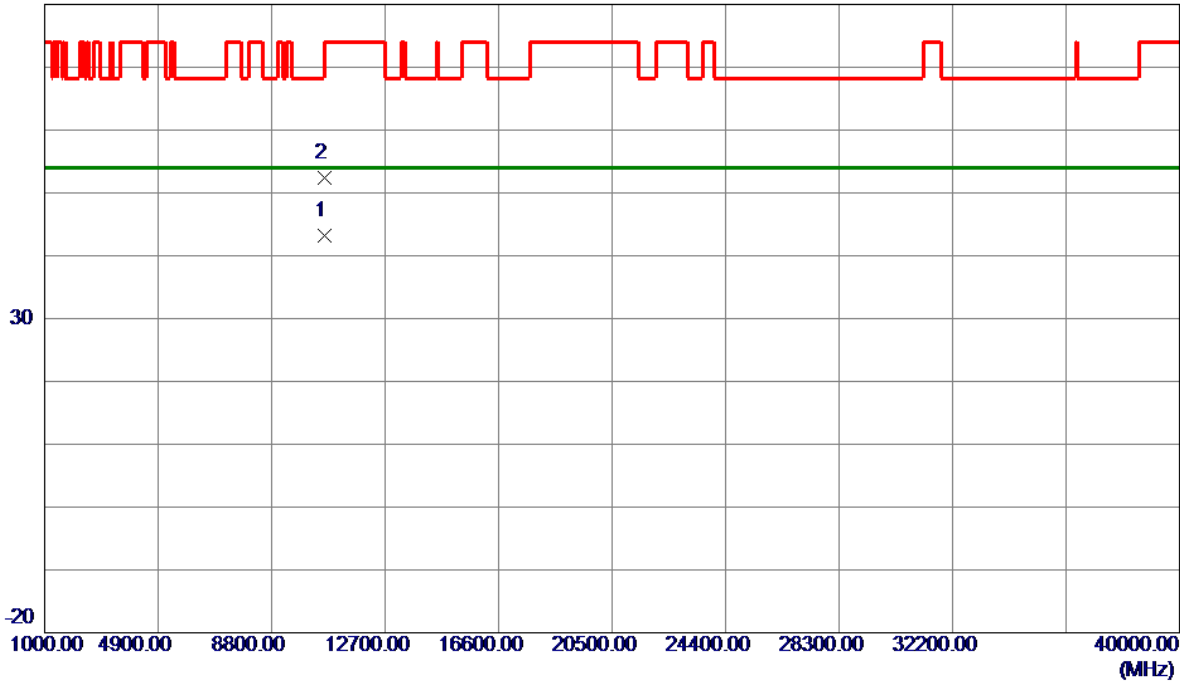
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5301.7000	95.86	12.85	108.71	68.20	40.51	Peak	No Limit
2	5302.7000	88.82	12.85	101.67	999.00	-897.33	AVG	No Limit

REMARKS:

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical
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80 dBuV/m

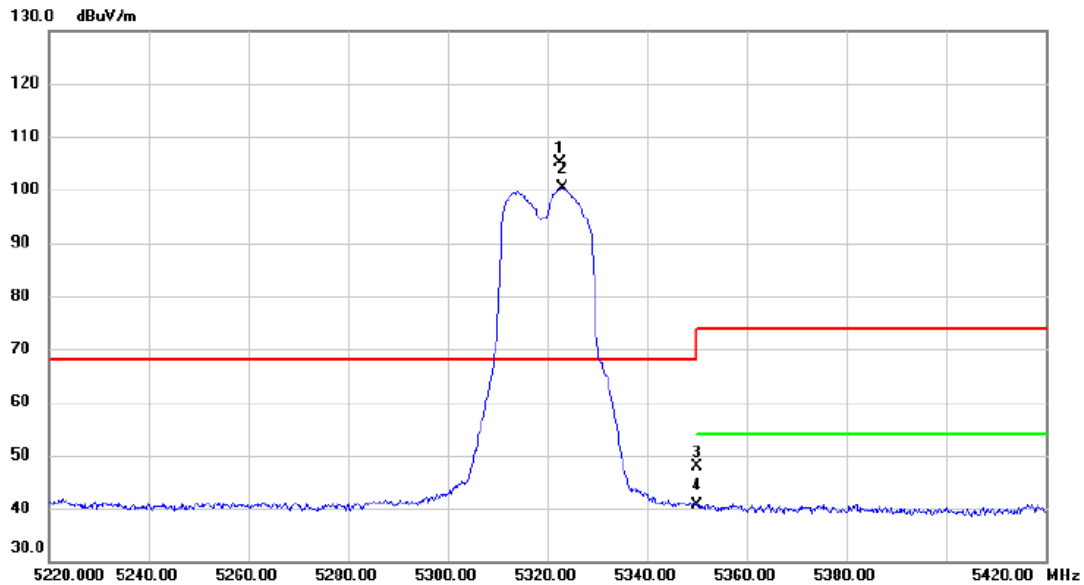


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10600.7100	35.66	7.61	43.27	54.00	-10.73	AVG	
2	10601.0400	44.78	7.61	52.39	74.00	-21.61	Peak	

REMARKS:

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical
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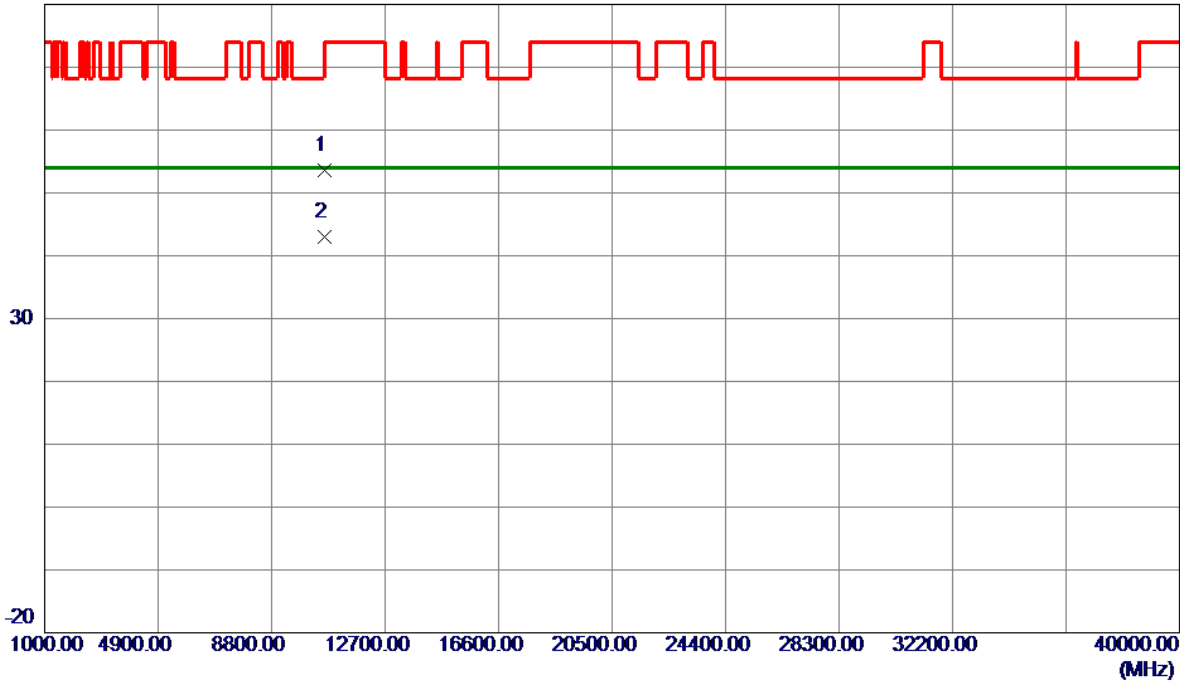
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5322.500	92.18	12.85	105.03	68.20	36.83	peak	No Limit
2	X	5323.200	87.57	12.85	100.42	68.20	32.22	AVG	No Limit
3		5350.000	35.08	12.87	47.95	74.00	-26.05	peak	
4		5350.000	27.86	12.87	40.73	54.00	-13.27	AVG	

REMARKS:

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical
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80 dBuV/m

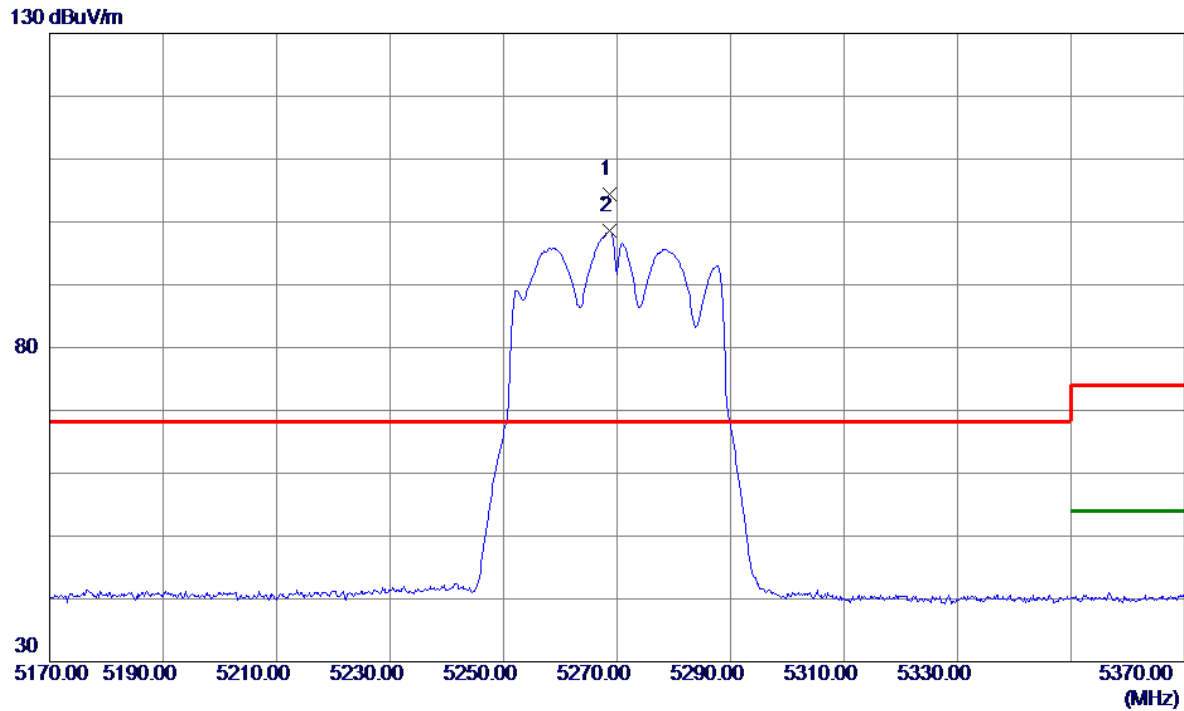


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.6000	45.87	7.66	53.53	74.00	-20.47	Peak	
2 *	10640.7100	35.38	7.66	43.04	54.00	-10.96	AVG	

REMARKS:

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

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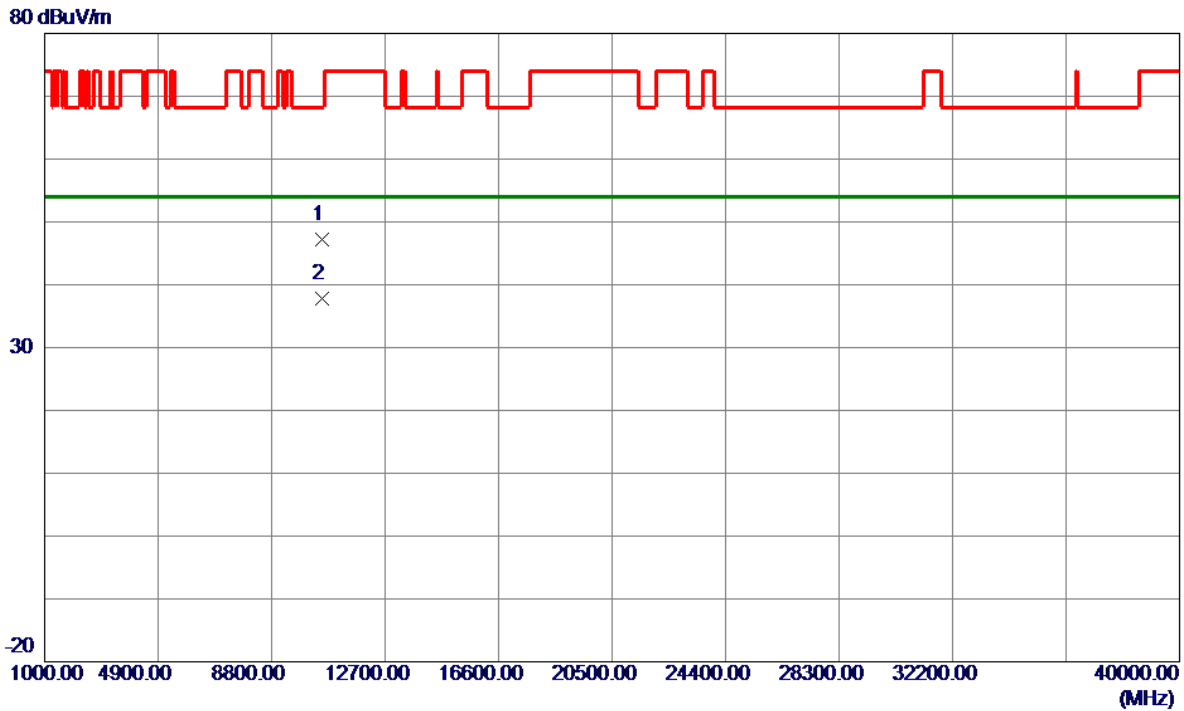


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5268.6000	91.57	12.83	104.40	68.20	36.20	Peak	No Limit
2	5268.6000	85.68	12.83	98.51	999.00	-900.49	AVG	No Limit

REMARKS:

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

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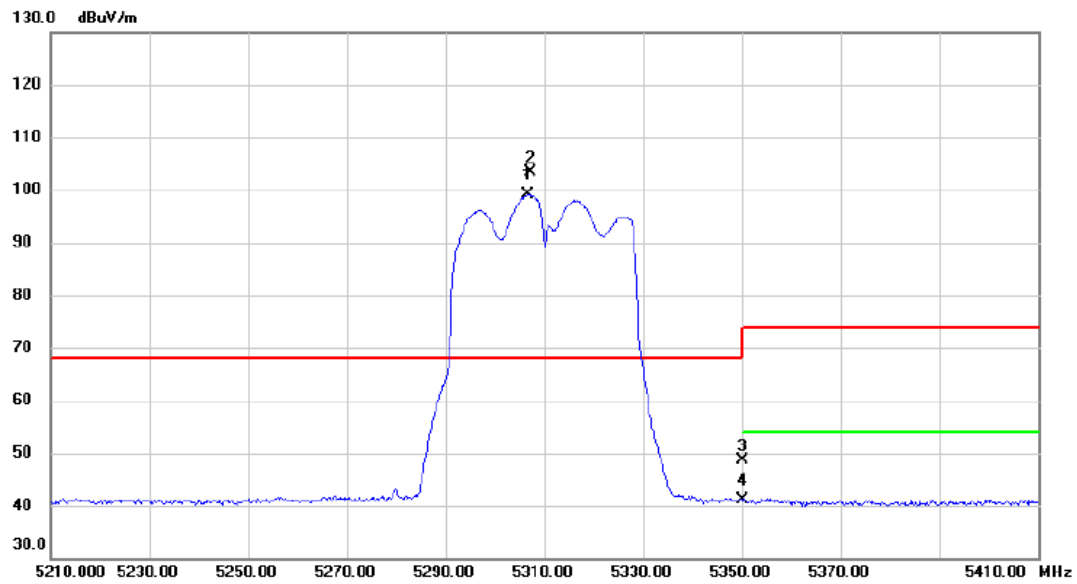


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10539.6200	39.61	7.52	47.13	68.20	-21.07	Peak	
2 *	10539.9700	30.36	7.52	37.88	54.00	-16.12	AVG	

REMARKS:

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

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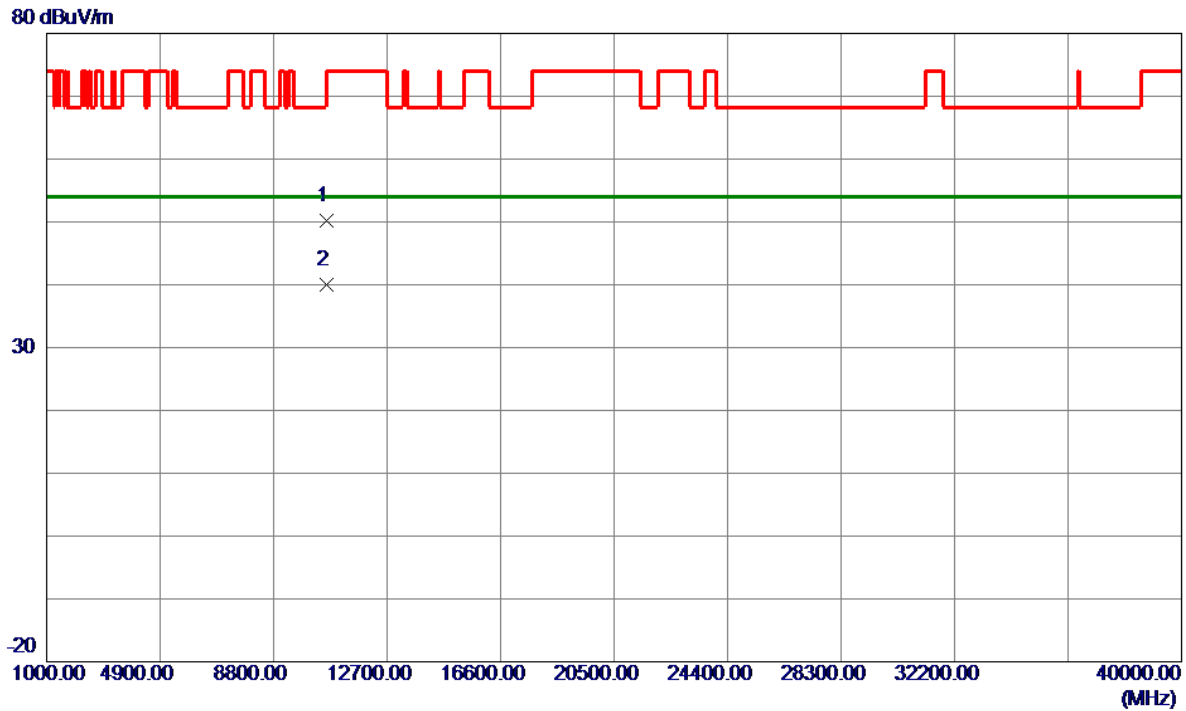


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5306.700	86.26	12.85	99.11	68.20	30.91	AVG	No Limit
2	*	5307.100	90.51	12.85	103.36	68.20	35.16	peak	No Limit
3		5350.000	35.68	12.87	48.55	74.00	-25.45	peak	
4		5350.000	28.22	12.87	41.09	54.00	-12.91	AVG	

REMARKS:

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

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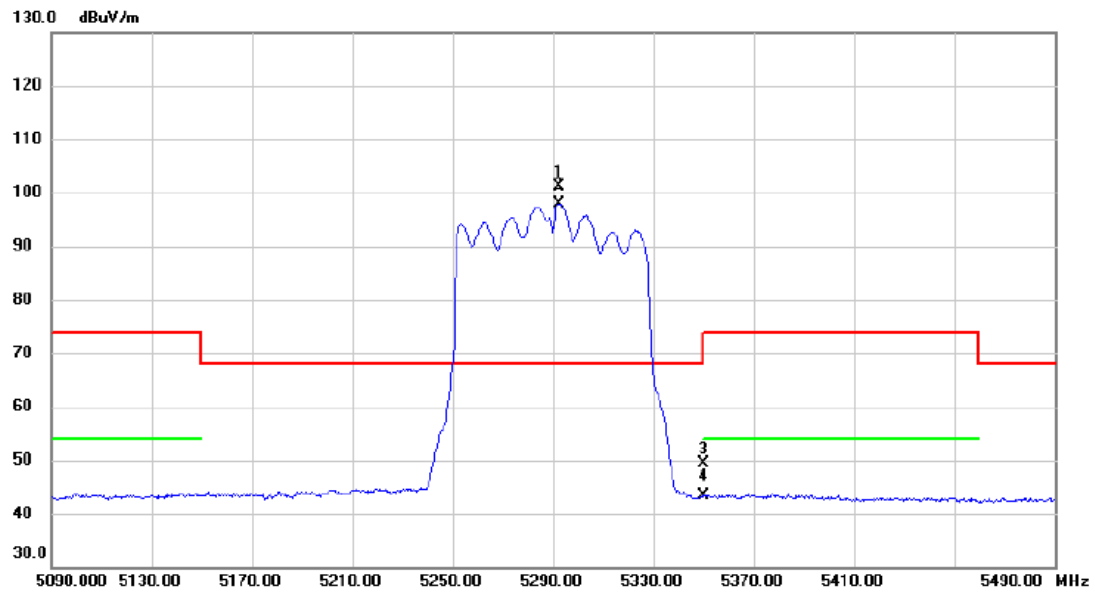


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10634.4700	42.49	7.65	50.14	74.00	-23.86	Peak	
2 *	10635.6400	32.39	7.65	40.04	54.00	-13.96	AVG	

REMARKS:

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

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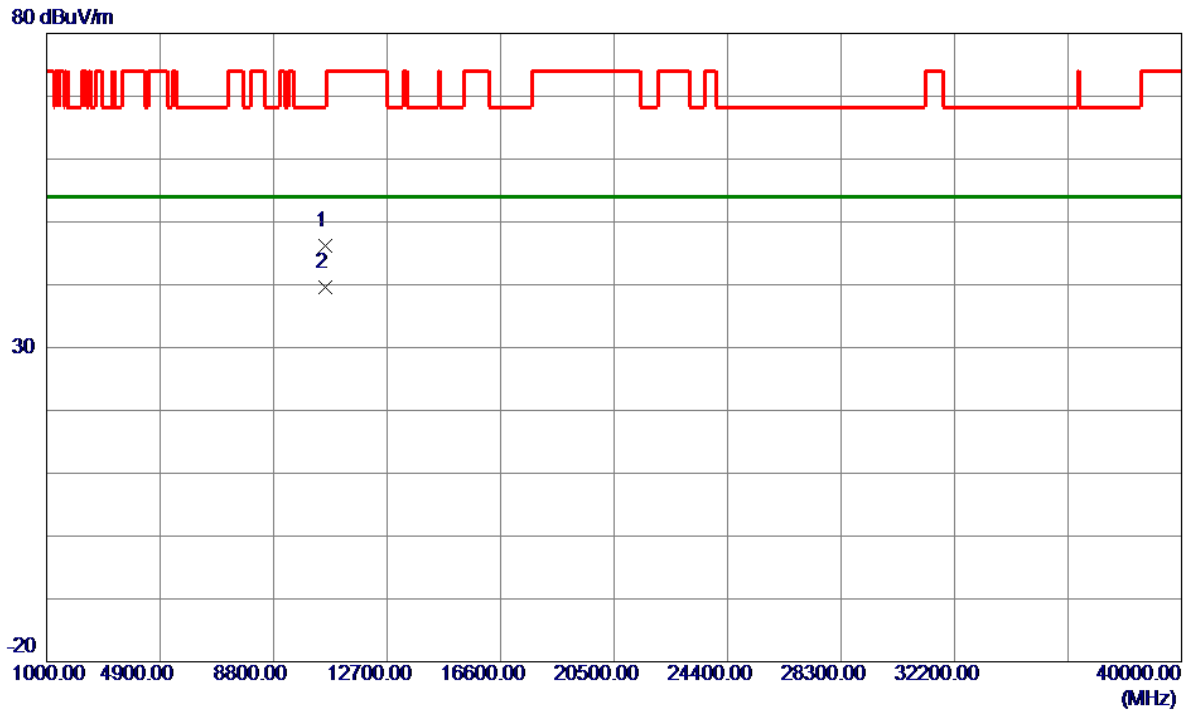


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5292.200	88.22	12.85	101.07	68.20	32.87	peak	No Limit
2	X	5292.400	85.06	12.85	97.91	68.20	29.71	AVG	No Limit
3		5350.000	36.46	12.87	49.33	74.00	-24.67	peak	
4		5350.000	30.40	12.87	43.27	54.00	-10.73	AVG	

REMARKS:

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

Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical
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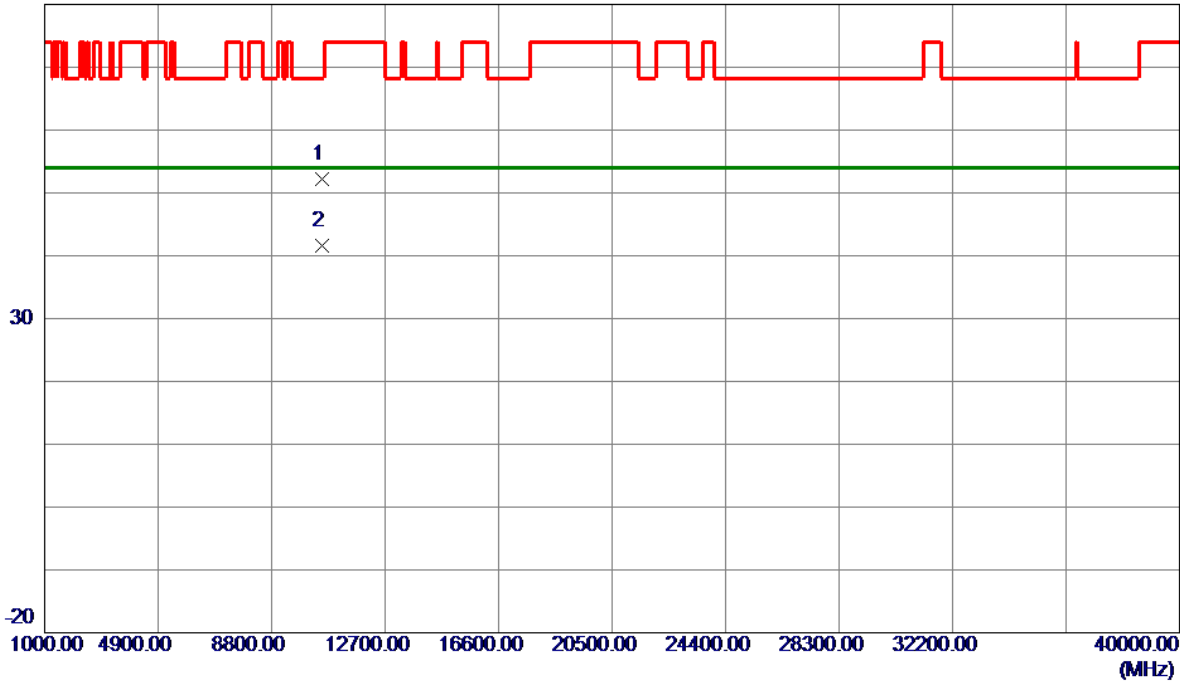
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10579.7400	38.59	7.58	46.17	68.20	-22.03	Peak	
2 *	10579.8200	31.96	7.58	39.54	54.00	-14.46	AVG	

REMARKS:

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

Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical
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80 dBuV/m

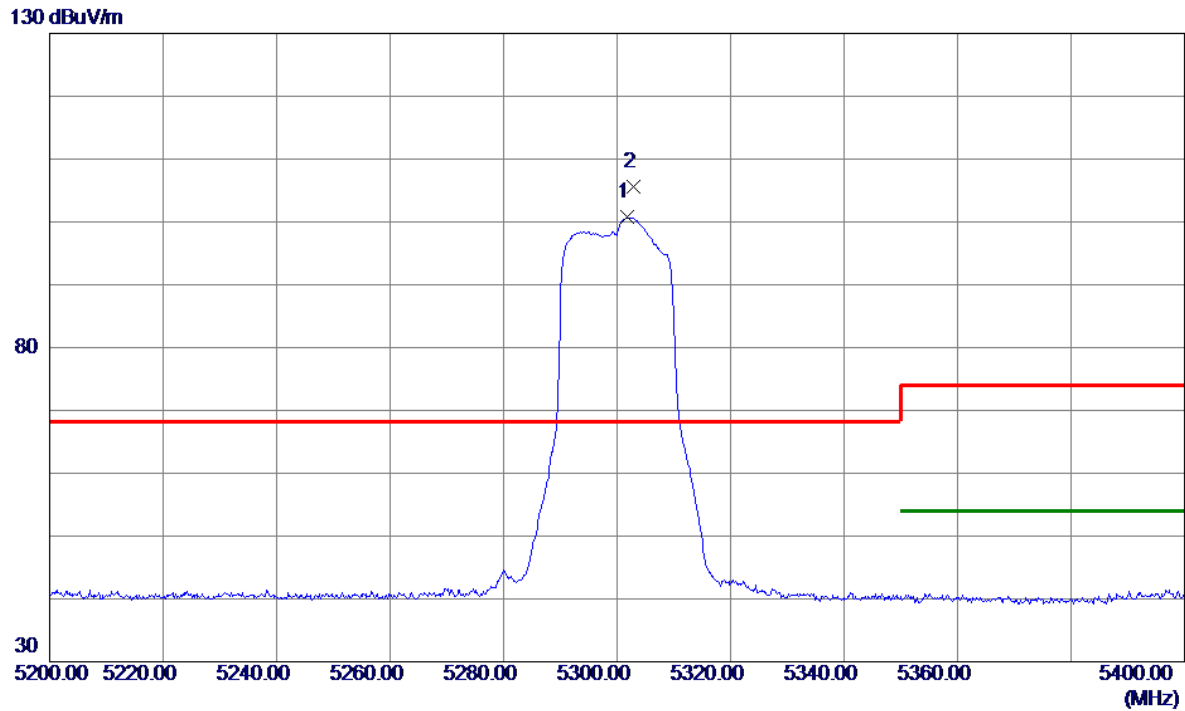


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10516.2900	44.72	7.49	52.21	68.20	-15.99	Peak	
2 *	10517.0900	34.15	7.49	41.64	54.00	-12.36	AVG	

REMARKS:

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

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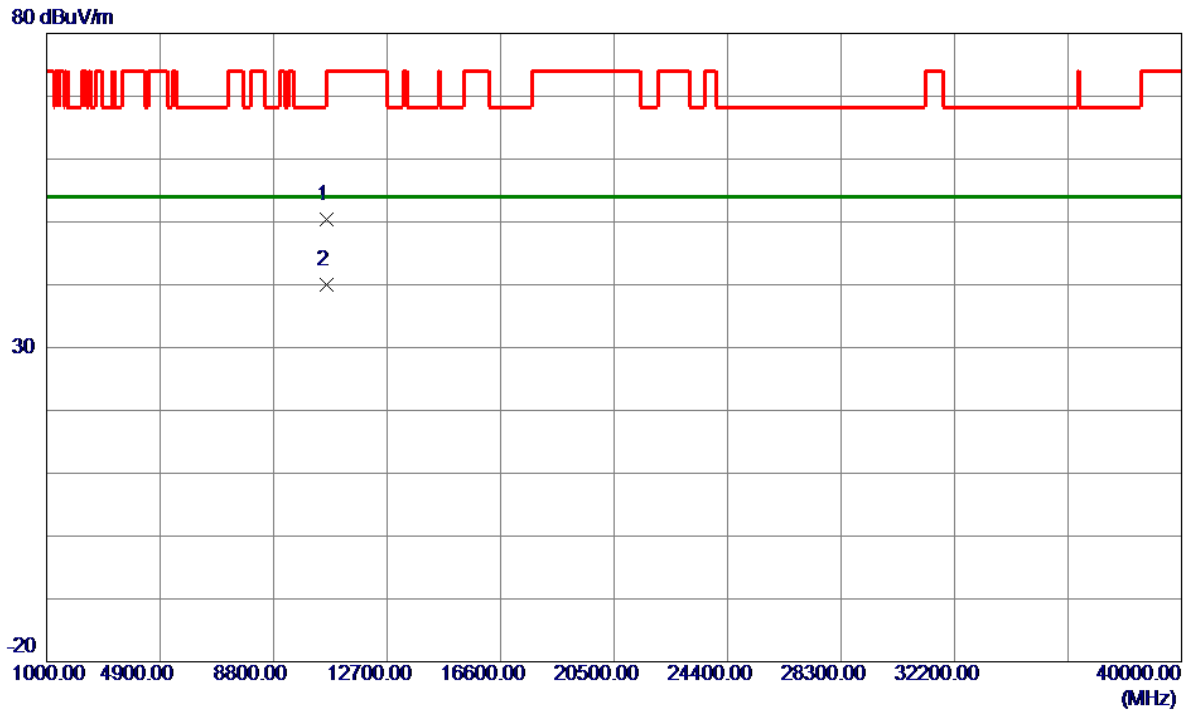


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5301.8000	87.88	12.85	100.73	999.00	-898.27	AVG	No Limit
2 *	5302.8000	92.71	12.85	105.56	68.20	37.36	Peak	No Limit

REMARKS:

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

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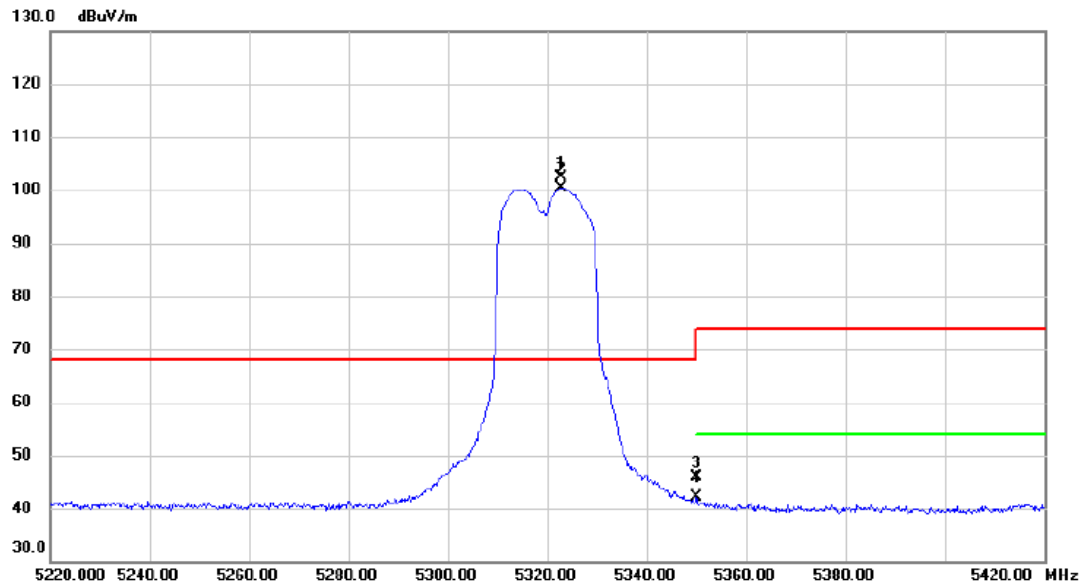


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10601.2699	42.81	7.61	50.42	74.00	-23.58	Peak	
2 *	10601.9600	32.33	7.61	39.94	54.00	-14.06	AVG	

REMARKS:

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

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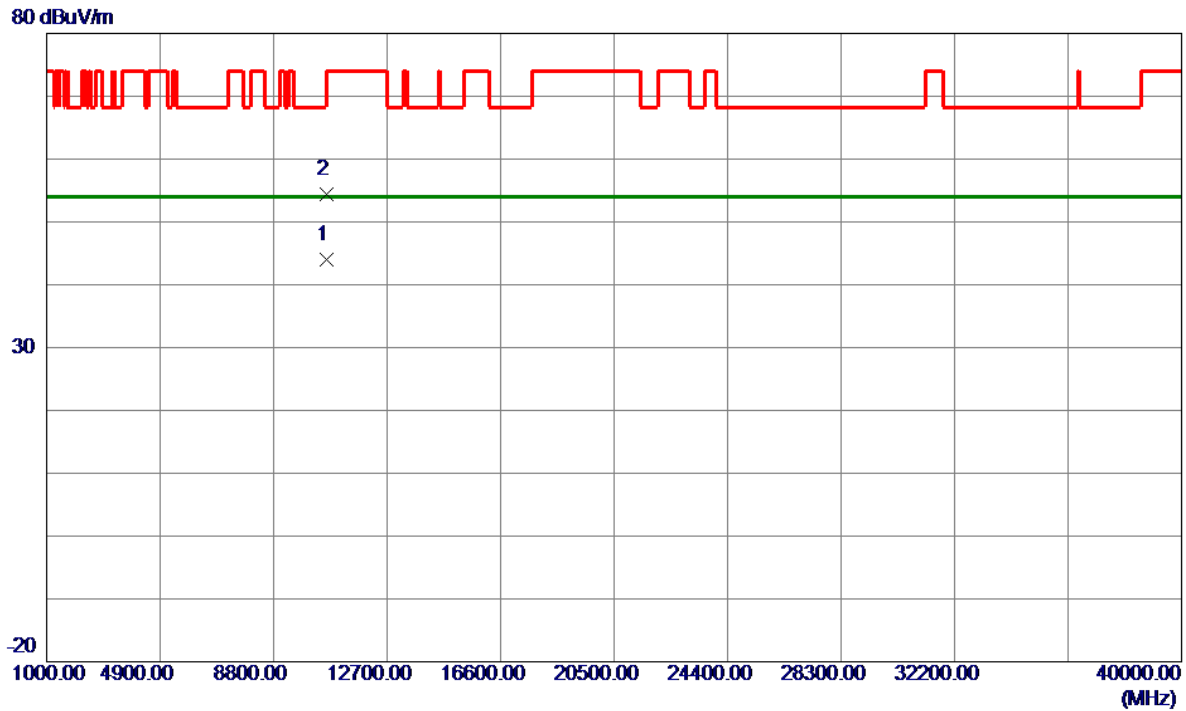


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5322.900	89.65	12.85	102.50	68.20	34.30	peak	No Limit
2	X	5322.900	87.57	12.85	100.42	68.20	32.22	AVG	No Limit
3		5350.000	32.98	12.87	45.85	74.00	-28.15	peak	
4		5350.000	29.29	12.87	42.16	54.00	-11.84	AVG	

REMARKS:

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

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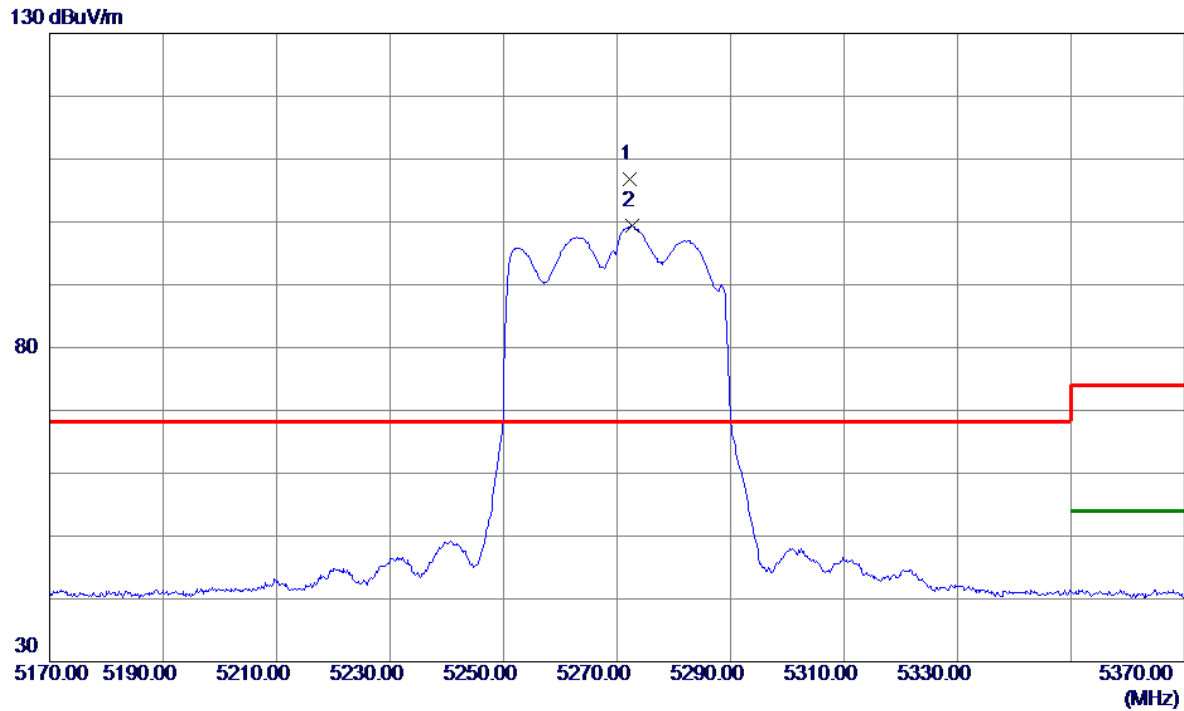


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10636.4900	36.26	7.66	43.92	54.00	-10.08	AVG	
2	10636.6300	46.70	7.66	54.36	74.00	-19.64	Peak	

REMARKS:

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

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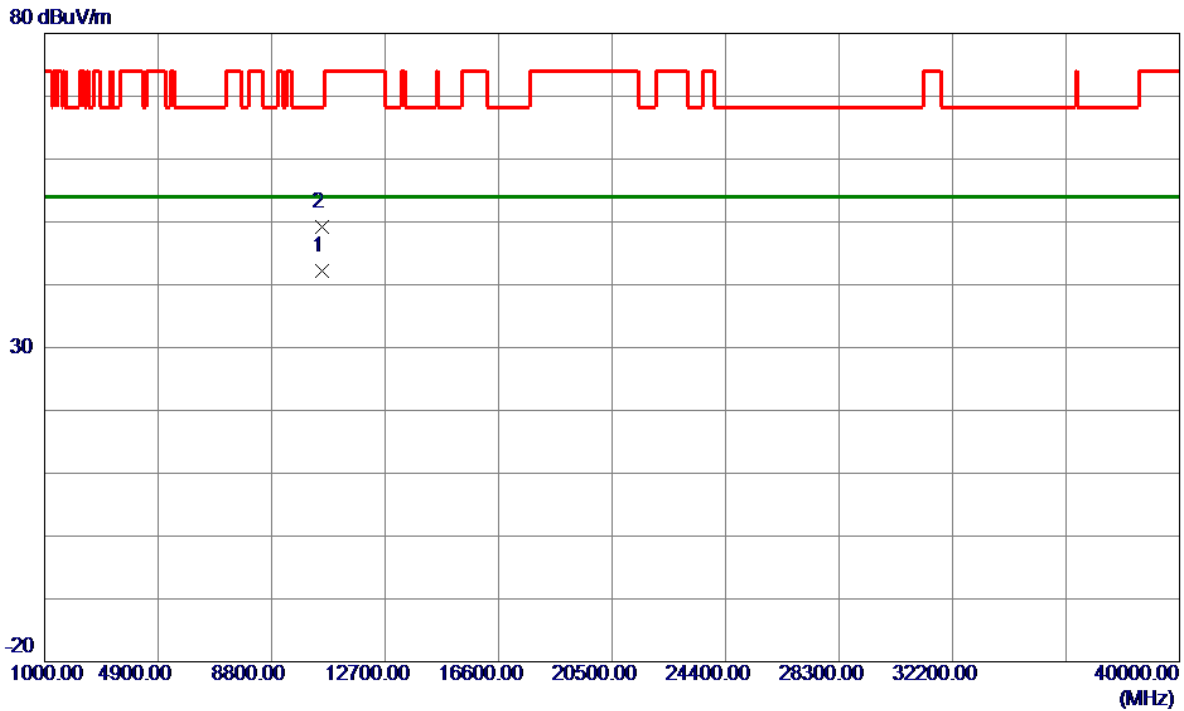


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5272.3000	93.99	12.84	106.83	68.20	38.63	Peak	No Limit
2	5272.6000	86.49	12.84	99.33	999.00	-899.67	AVG	No Limit

REMARKS:

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

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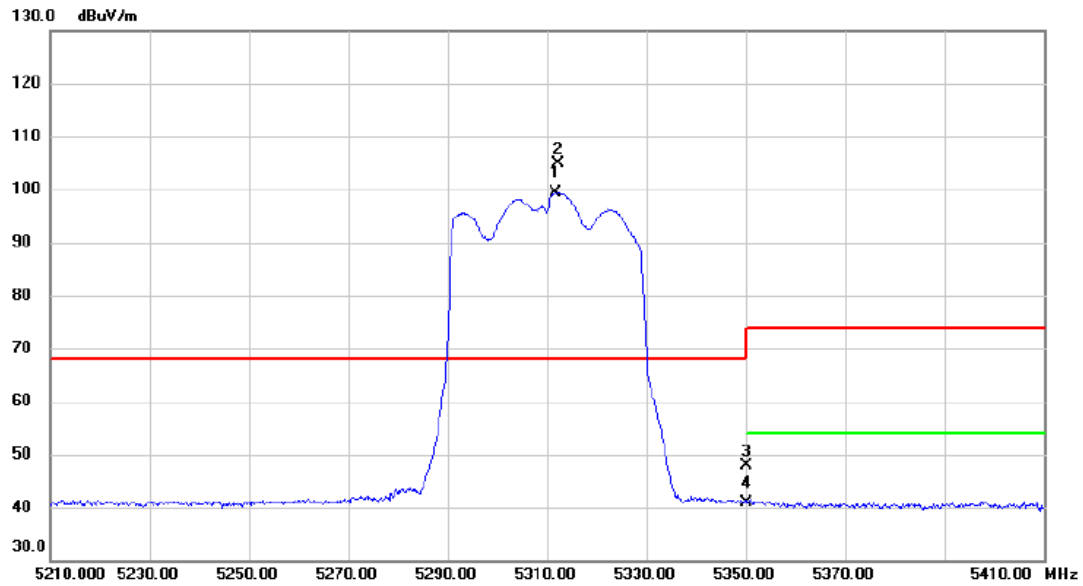


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10539.8600	34.62	7.52	42.14	54.00	-11.86	AVG	
2	10539.9100	41.72	7.52	49.24	68.20	-18.96	Peak	

REMARKS:

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

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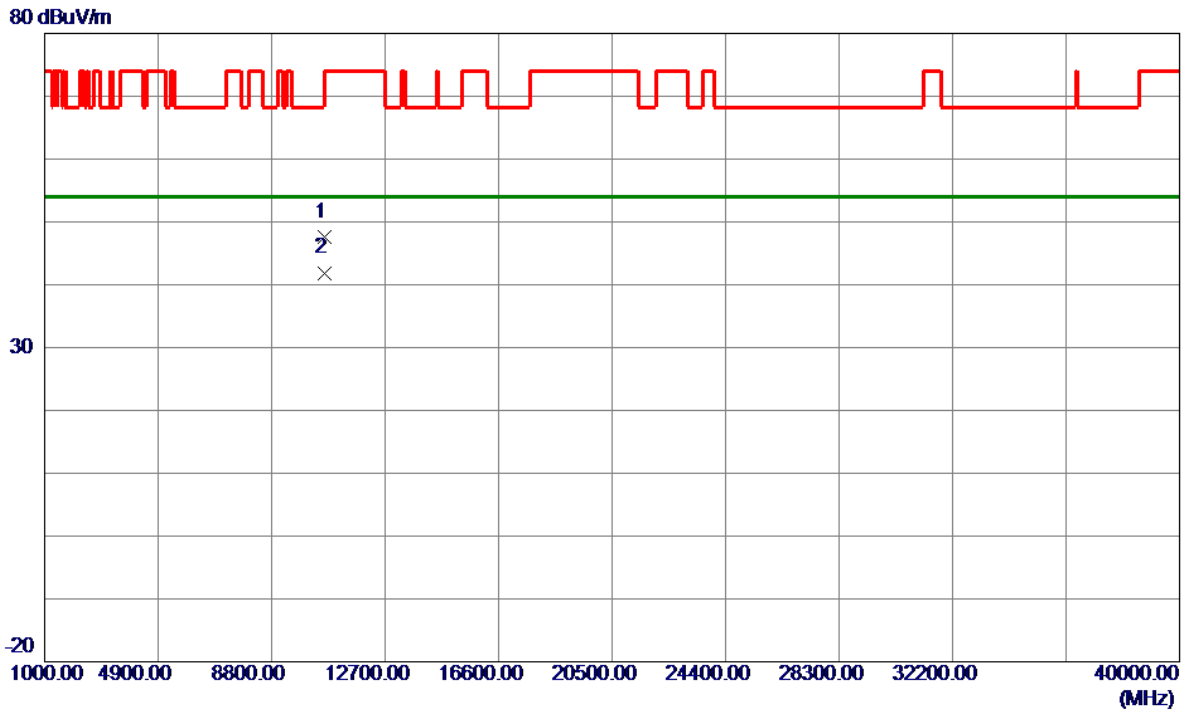


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5311.800	86.63	12.86	99.49	68.20	31.29	AVG	No Limit
2	*	5312.400	91.91	12.86	104.77	68.20	36.57	peak	No Limit
3		5350.000	34.92	12.87	47.79	74.00	-26.21	peak	
4		5350.000	27.95	12.87	40.82	54.00	-13.18	AVG	

REMARKS:

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

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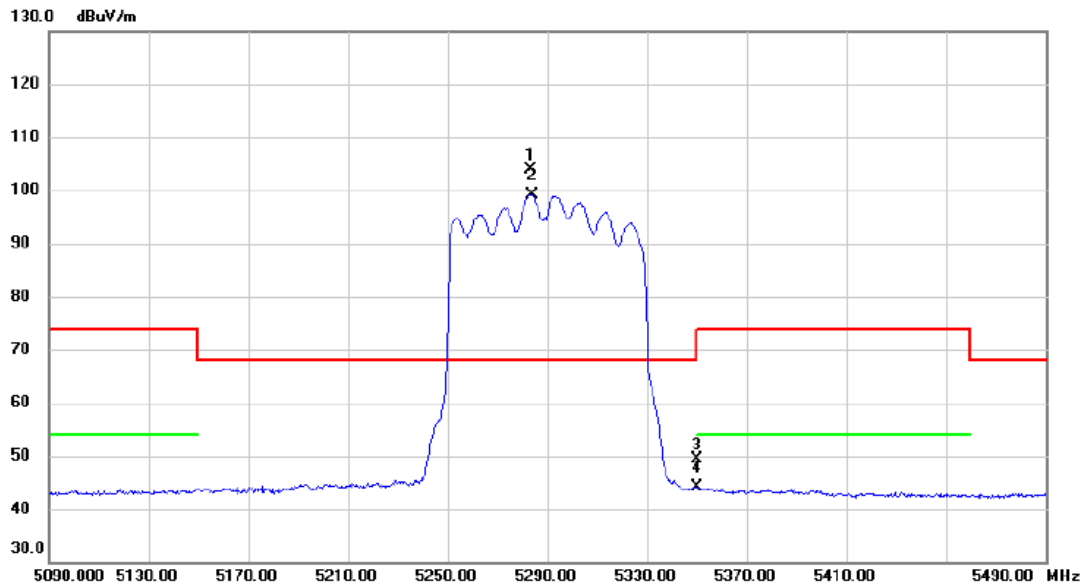


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10619.7500	40.03	7.63	47.66	74.00	-26.34	Peak	
2 *	10620.0000	34.27	7.63	41.90	54.00	-12.10	AVG	

REMARKS:

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

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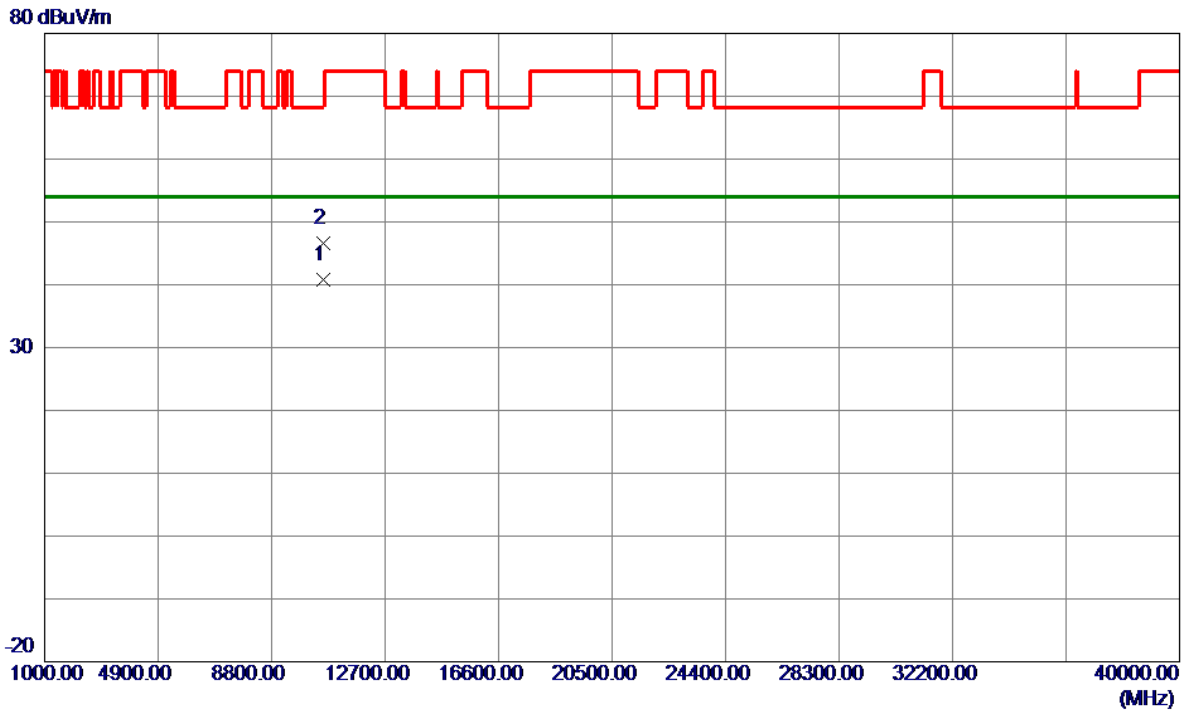


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5283.200	91.10	12.84	103.94	68.20	35.74	peak	No Limit
2	X	5283.600	86.35	12.84	99.19	68.20	30.99	AVG	No Limit
3		5350.000	36.54	12.87	49.41	74.00	-24.59	peak	
4		5350.000	31.25	12.87	44.12	54.00	-9.88	AVG	

REMARKS:

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

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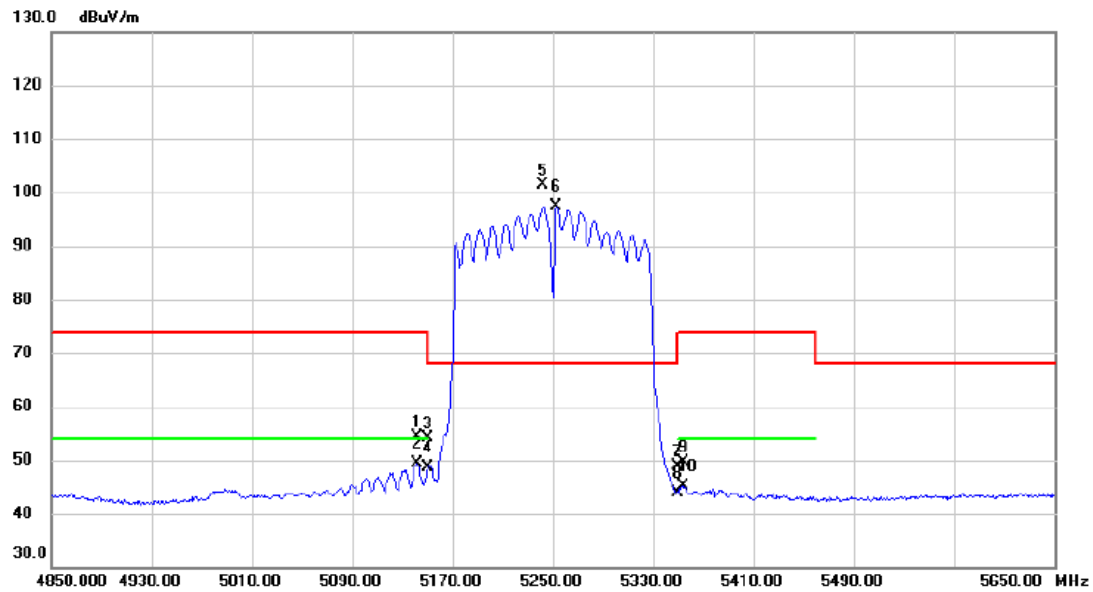


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10579.8700	33.20	7.58	40.78	54.00	-13.22	AVG	
2	10580.2100	39.04	7.58	46.62	68.20	-21.58	Peak	

REMARKS:

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

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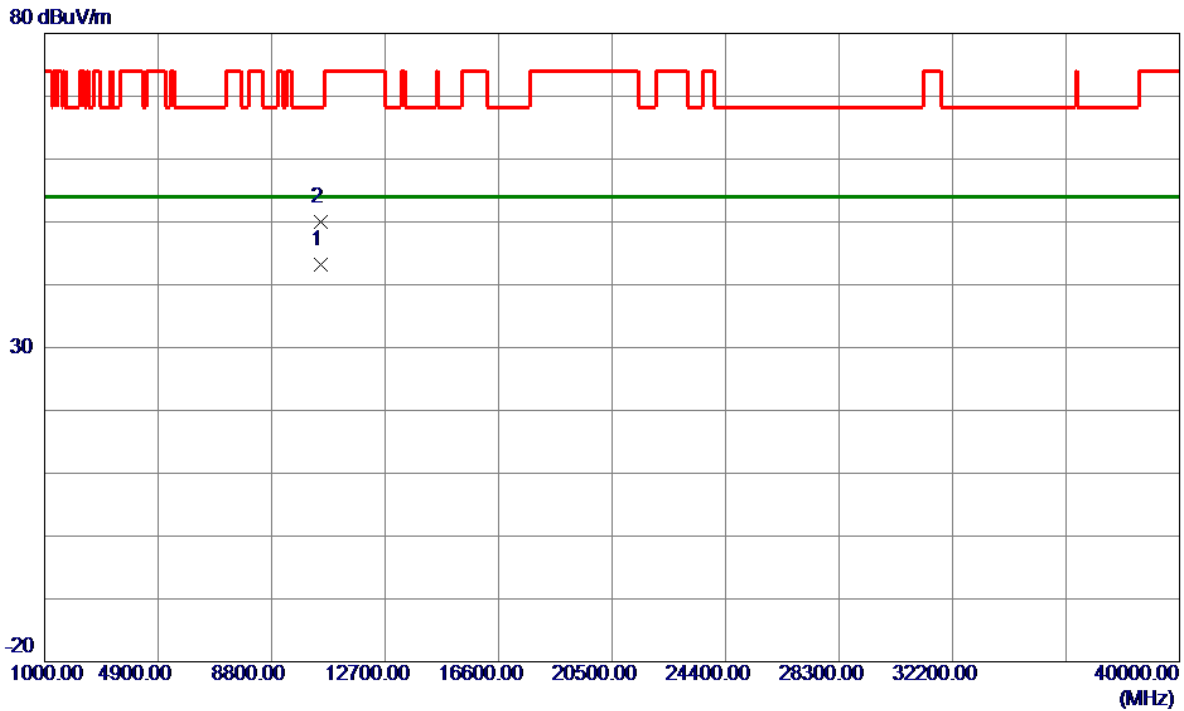


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5142.000	41.54	12.78	54.32	74.00	-19.68	peak	
2		5142.000	36.48	12.78	49.26	54.00	-4.74	AVG	
3		5150.000	41.40	12.79	54.19	74.00	-19.81	peak	
4		5150.000	35.87	12.79	48.66	54.00	-5.34	AVG	
5	*	5242.400	88.56	12.82	101.38	68.20	33.18	peak	No Limit
6	X	5252.800	84.59	12.83	97.42	68.20	29.22	AVG	No Limit
7		5350.000	35.95	12.87	48.82	74.00	-25.18	peak	
8		5350.000	31.09	12.87	43.96	54.00	-10.04	AVG	
9		5353.600	36.86	12.87	49.73	74.00	-24.27	peak	
10		5353.600	32.25	12.87	45.12	54.00	-8.88	AVG	

REMARKS:

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

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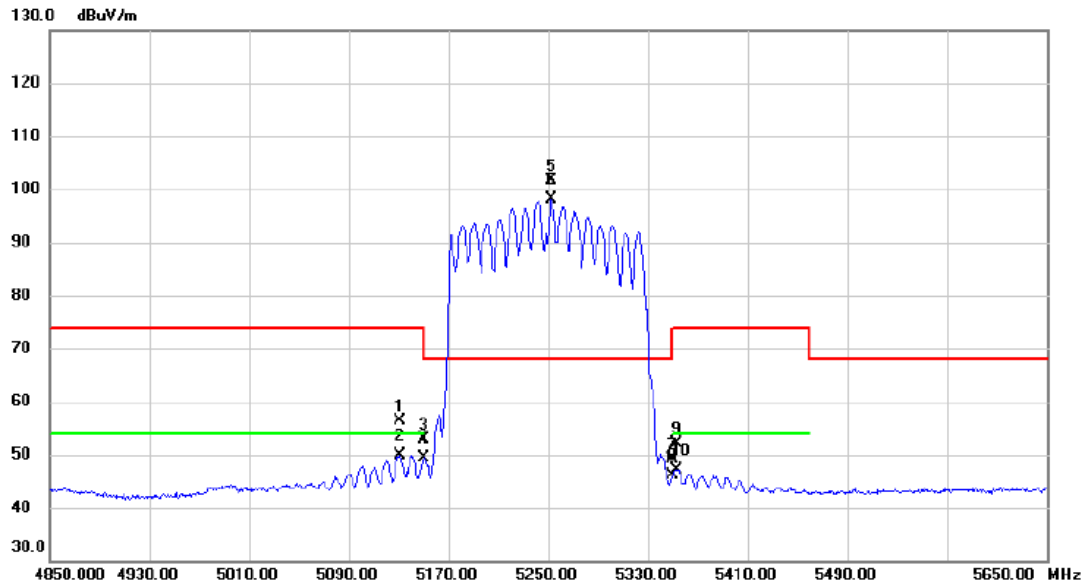


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10499.9260	35.82	7.47	43.29	54.00	-10.71	AVG	
2	10500.0700	42.50	7.47	49.97	68.20	-18.23	Peak	

REMARKS:

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

Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5131.200	43.68	12.79	56.47	74.00	-17.53	peak	
2		5131.200	37.09	12.79	49.88	54.00	-4.12	AVG	
3		5150.000	40.07	12.79	52.86	74.00	-21.14	peak	
4		5150.000	36.52	12.79	49.31	54.00	-4.69	AVG	
5	*	5252.400	88.82	12.83	101.65	68.20	33.45	peak	No Limit
6	X	5252.400	85.34	12.83	98.17	68.20	29.97	AVG	No Limit
7		5350.000	36.34	12.87	49.21	74.00	-24.79	peak	
8		5350.000	33.33	12.87	46.20	54.00	-7.80	AVG	
9		5352.800	39.22	12.87	52.09	74.00	-21.91	peak	
10		5352.800	34.33	12.87	47.20	54.00	-6.80	AVG	

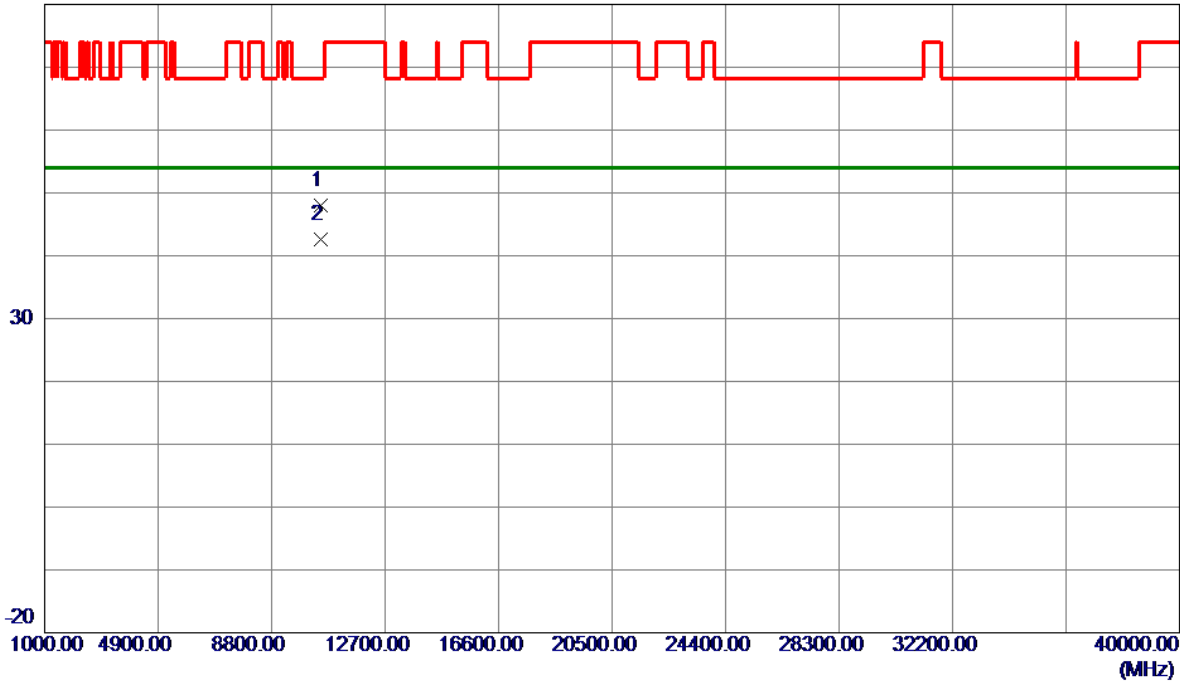
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

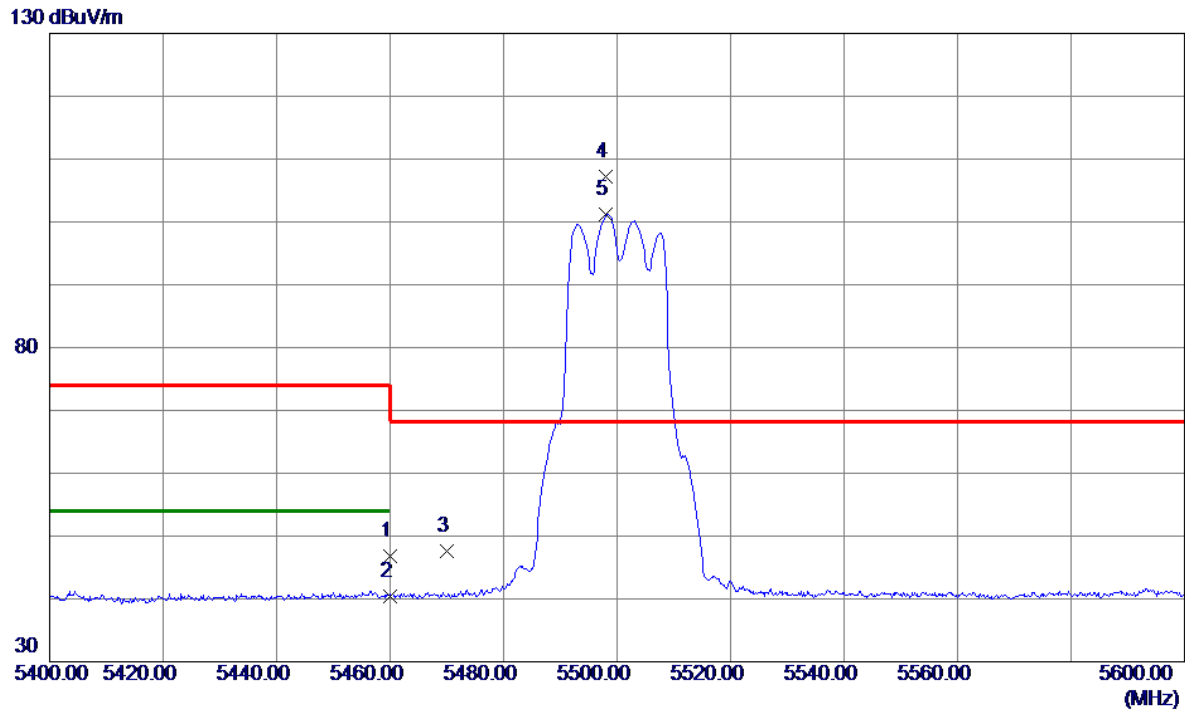


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10499.9700	40.62	7.47	48.09	68.20	-20.11	Peak	
2 *	10499.9900	35.13	7.47	42.60	54.00	-11.40	AVG	

REMARKS:

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

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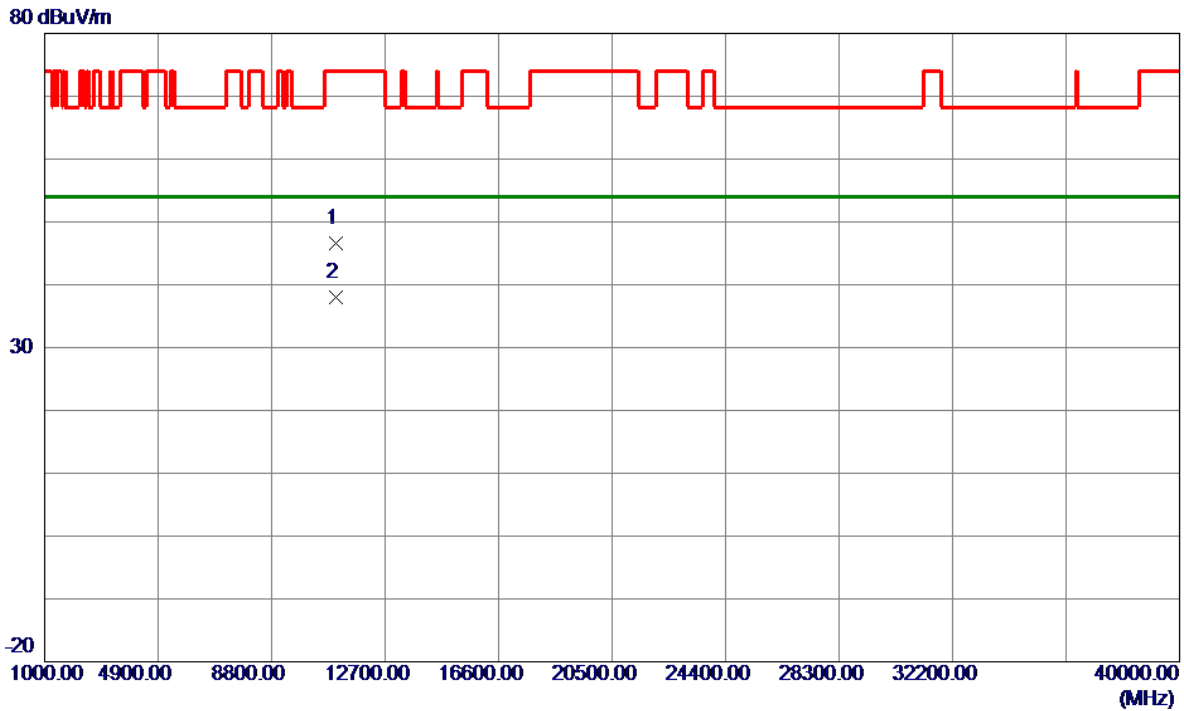


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	33.92	12.91	46.83	74.00	-27.17	Peak	
2	5460.0000	27.45	12.91	40.36	54.00	-13.64	AVG	
3	5470.0000	34.76	12.91	47.67	68.20	-20.53	Peak	
4 *	5498.0000	94.19	12.92	107.11	68.20	38.91	Peak	No Limit
5	5498.1000	88.26	12.92	101.18	999.00	-897.82	AVG	No Limit

REMARKS:

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

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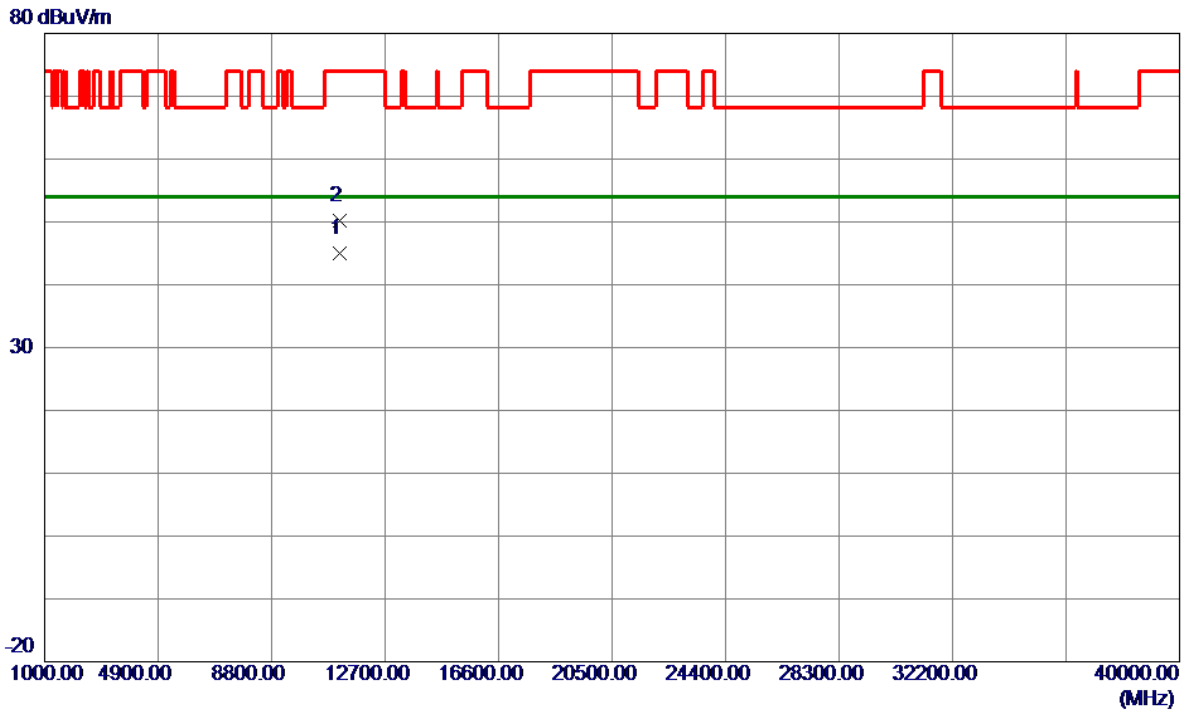


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10998.2699	38.53	8.15	46.68	74.00	-27.32	Peak	
2 *	10999.9500	29.90	8.15	38.05	54.00	-15.95	AVG	

REMARKS:

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

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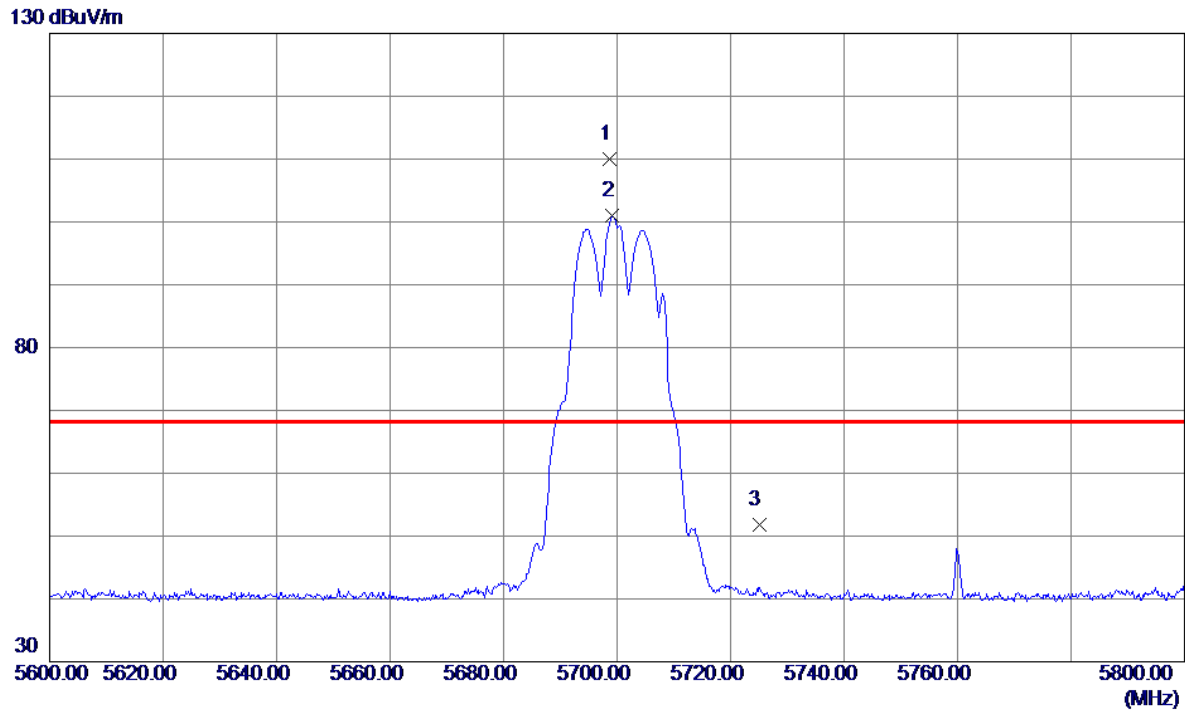


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11159.8800	36.74	8.32	45.06	54.00	-8.94	AVG	
2	11160.1200	41.92	8.32	50.24	74.00	-23.76	Peak	

REMARKS:

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

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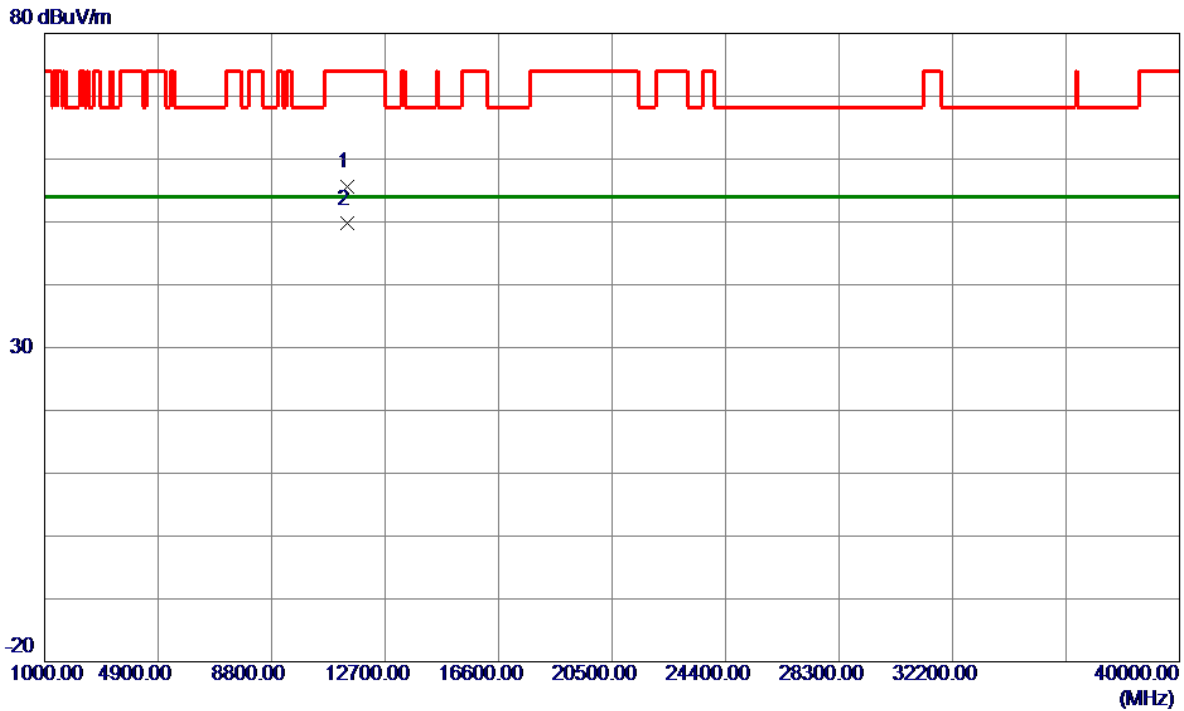


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5698.6200	96.48	13.55	110.03	68.20	41.83	Peak	No Limit
2	5699.2000	87.40	13.55	100.95	999.00	-898.05	AVG	No Limit
3	5725.0000	38.23	13.63	51.86	68.20	-16.34	Peak	

REMARKS:

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

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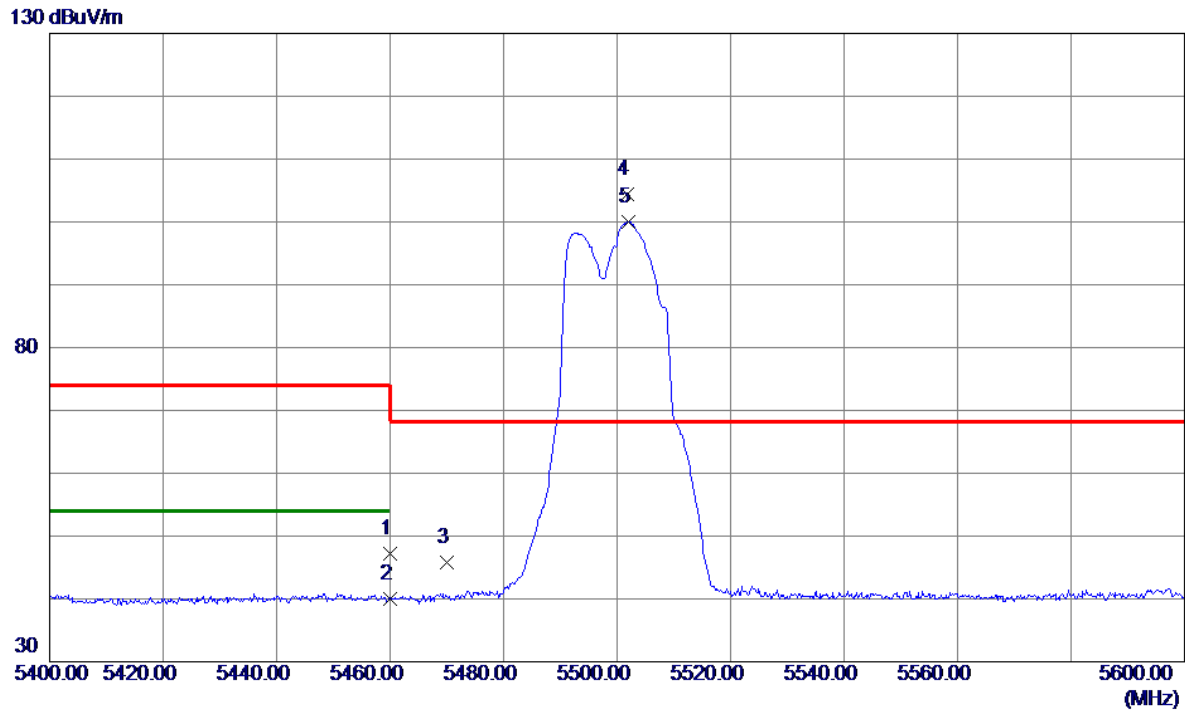


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11399.6800	46.97	8.58	55.55	74.00	-18.45	Peak	
2 *	11399.9400	41.12	8.58	49.70	54.00	-4.30	AVG	

REMARKS:

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

Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical
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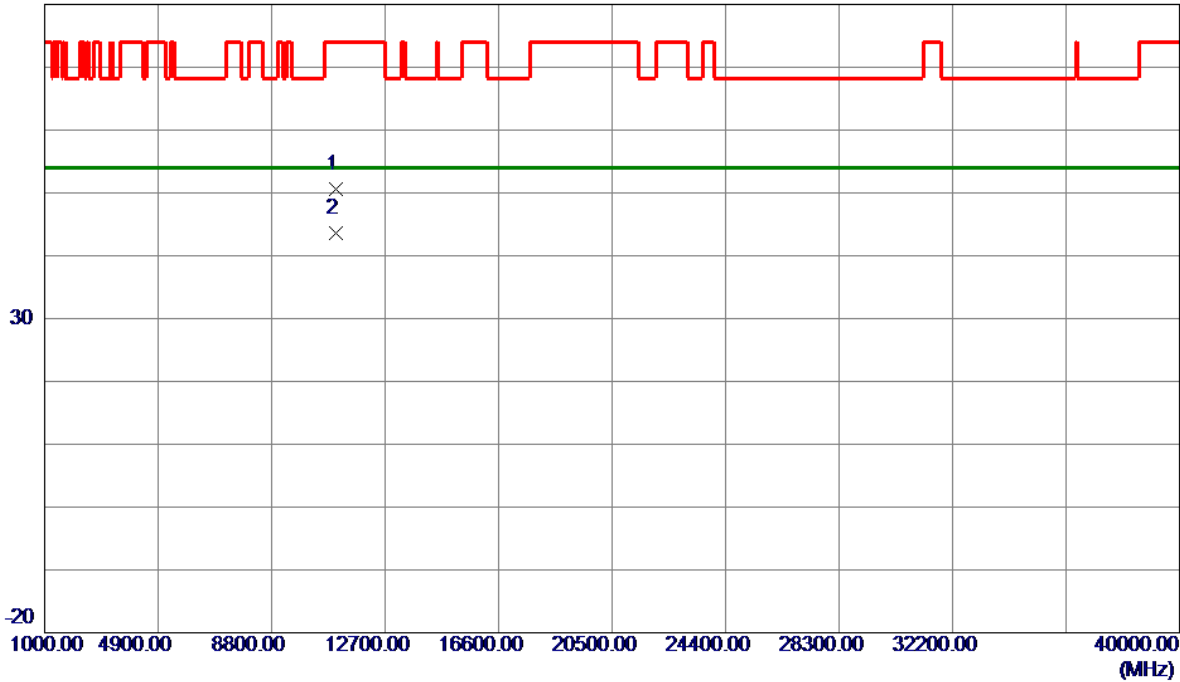
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	34.36	12.91	47.27	74.00	-26.73	Peak	
2	5460.0000	27.16	12.91	40.07	54.00	-13.93	AVG	
3	5470.0000	32.89	12.91	45.80	68.20	-22.40	Peak	
4 *	5501.7000	91.39	12.93	104.32	68.20	36.12	Peak	No Limit
5	5502.1000	87.06	12.93	99.99	999.00	-899.01	AVG	No Limit

REMARKS:

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

Test Mode	UNII-2C_TX AC(VHT20) Mode 5500 MHz	Polarization	Vertical
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80 dBuV/m

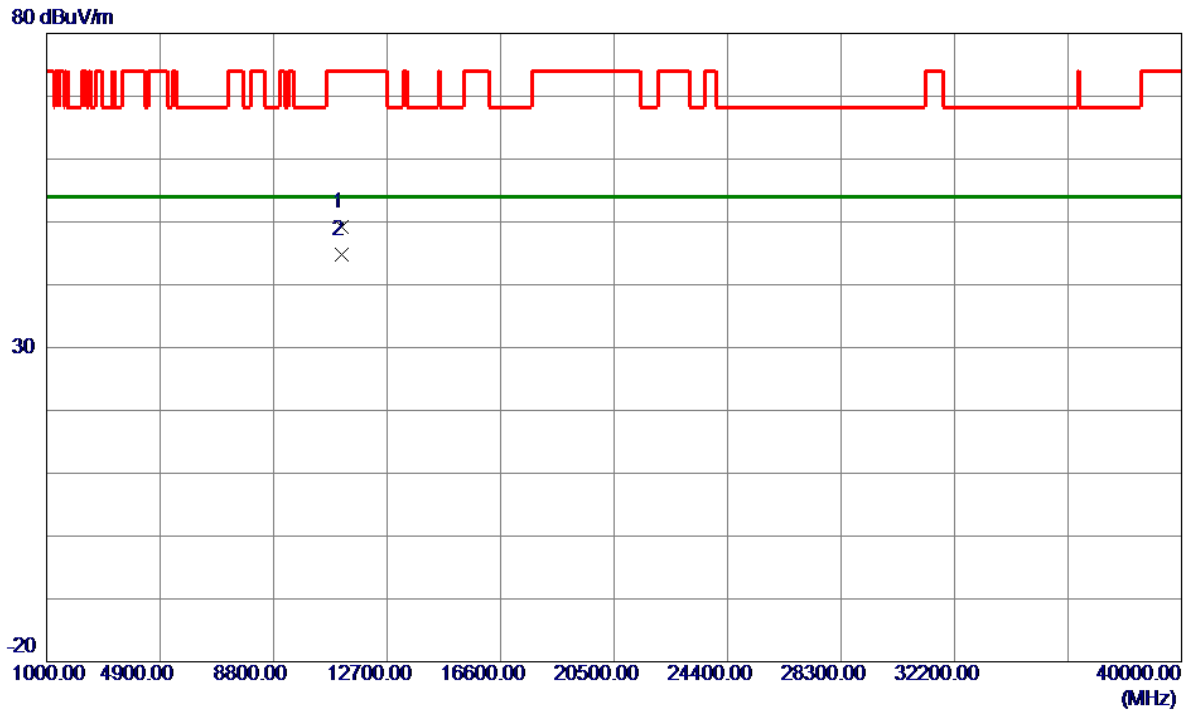


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10997.2000	42.43	8.15	50.58	74.00	-23.42	Peak	
2 *	10999.9000	35.44	8.15	43.59	54.00	-10.41	AVG	

REMARKS:

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

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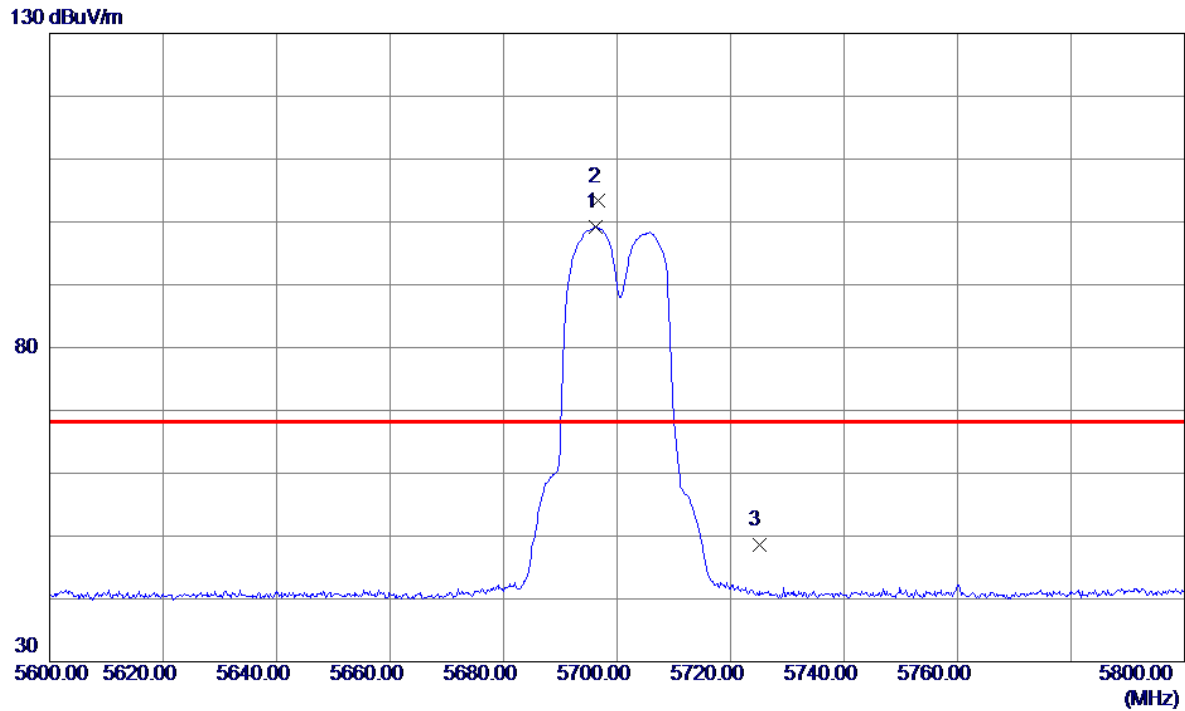


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11159.5300	40.91	8.32	49.23	74.00	-24.77	Peak	
2 *	11159.8600	36.53	8.32	44.85	54.00	-9.15	AVG	

REMARKS:

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

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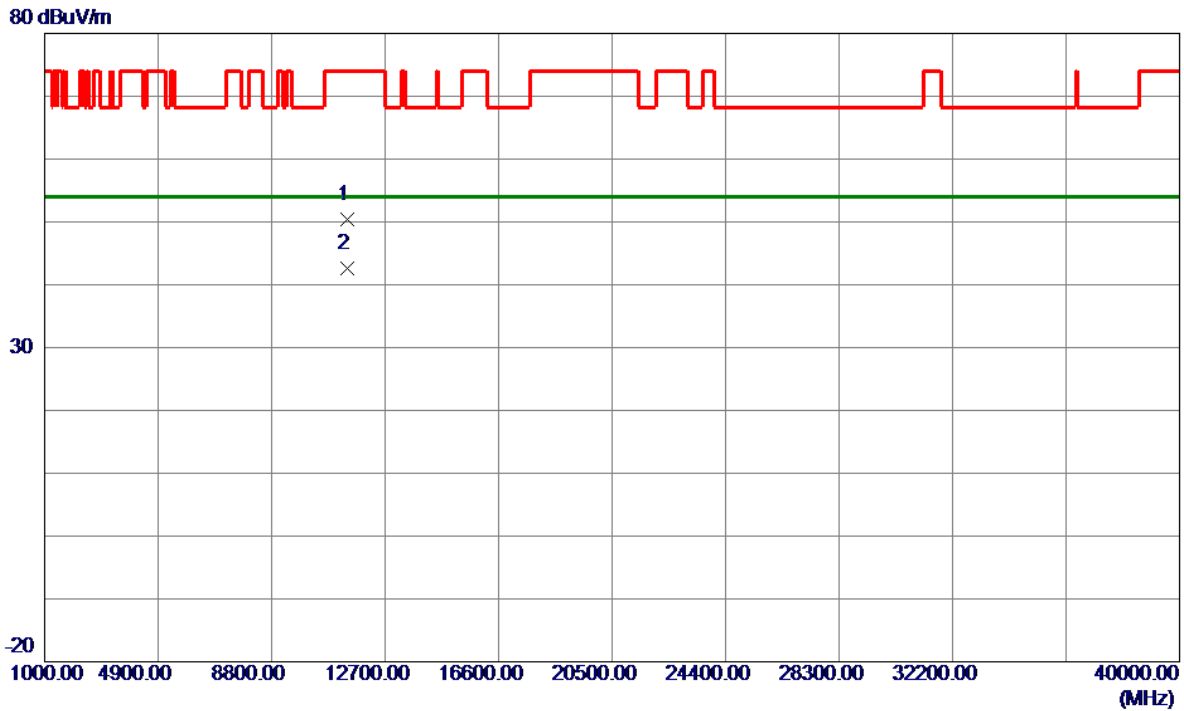


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5696.3000	85.72	13.54	99.26	999.00	-899.74	AVG	No Limit
2 *	5696.6000	89.76	13.54	103.30	68.20	35.10	Peak	No Limit
3	5725.0000	34.95	13.63	48.58	68.20	-19.62	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX AC(VHT20) Mode 5700 MHz	Polarization	Vertical
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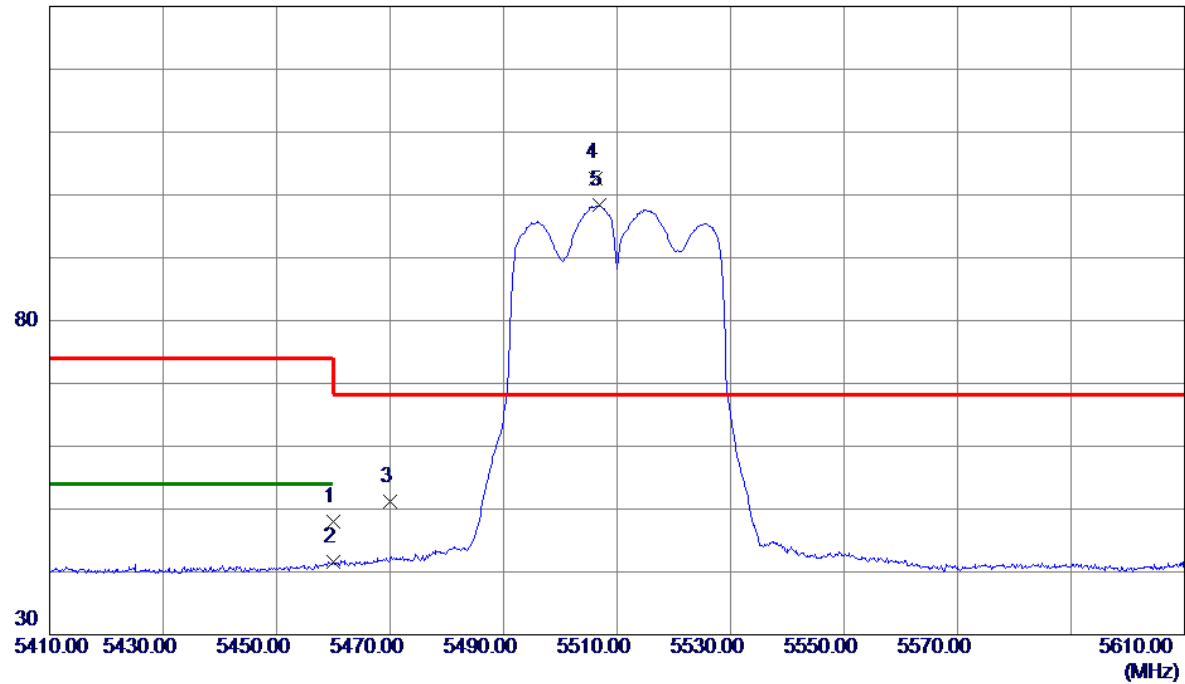
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11394.1000	41.89	8.57	50.46	74.00	-23.54	Peak	
2 *	11399.9300	33.93	8.58	42.51	54.00	-11.49	AVG	

REMARKS:

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

Test Mode	UNII-2C_TX AC(VHT40) Mode 5510 MHz	Polarization	Vertical
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130 dBuV/m

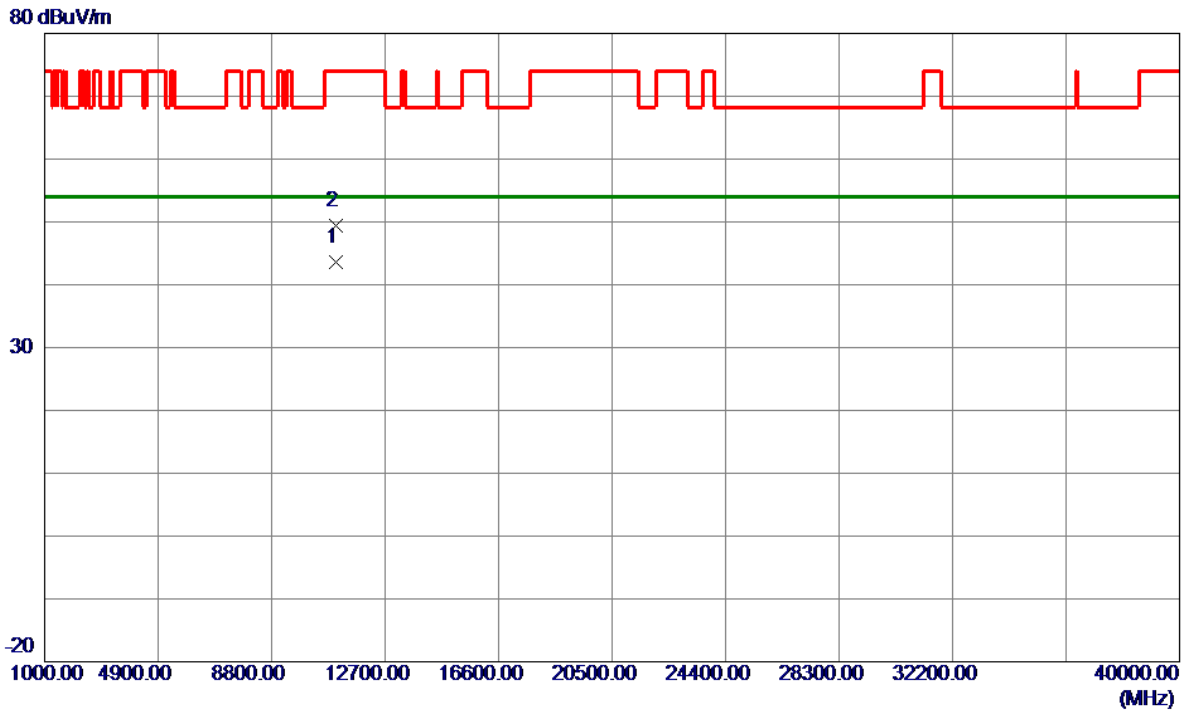


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	35.10	12.91	48.01	74.00	-25.99	Peak	
2	5460.0000	28.68	12.91	41.59	54.00	-12.41	AVG	
3	5470.0000	38.30	12.91	51.21	68.20	-16.99	Peak	
4 *	5506.3000	89.76	12.94	102.70	68.20	34.50	Peak	No Limit
5	5506.9000	85.36	12.95	98.31	999.00	-900.69	AVG	No Limit

REMARKS:

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

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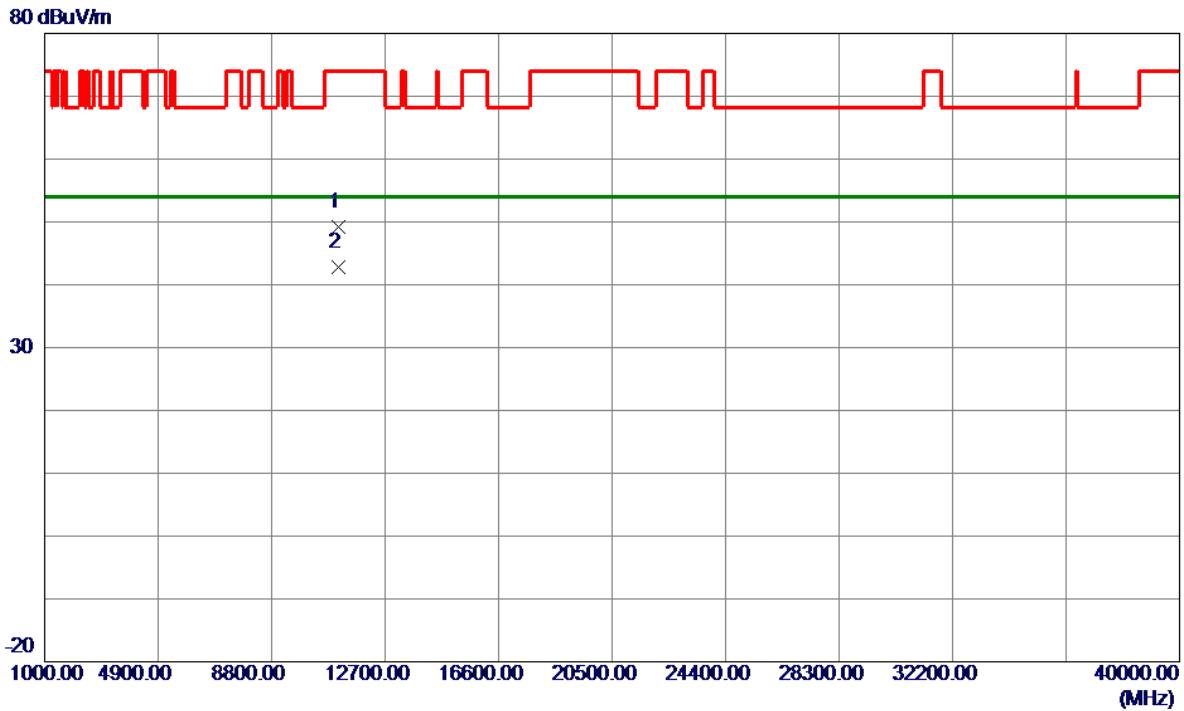


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11019.8900	35.42	8.17	43.59	54.00	-10.41	AVG	
2	11020.1800	41.23	8.17	49.40	74.00	-24.60	Peak	

REMARKS:

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

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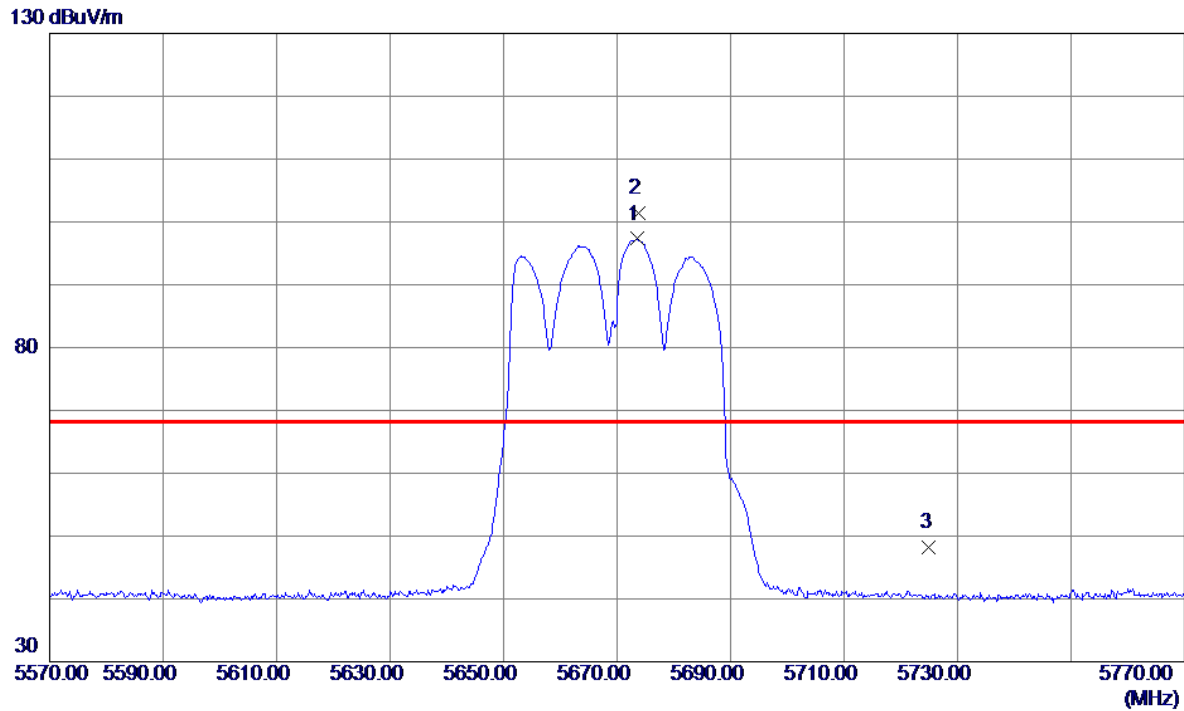


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11099.8099	40.92	8.26	49.18	74.00	-24.82	Peak	
2 *	11099.8300	34.51	8.26	42.77	54.00	-11.23	AVG	

REMARKS:

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

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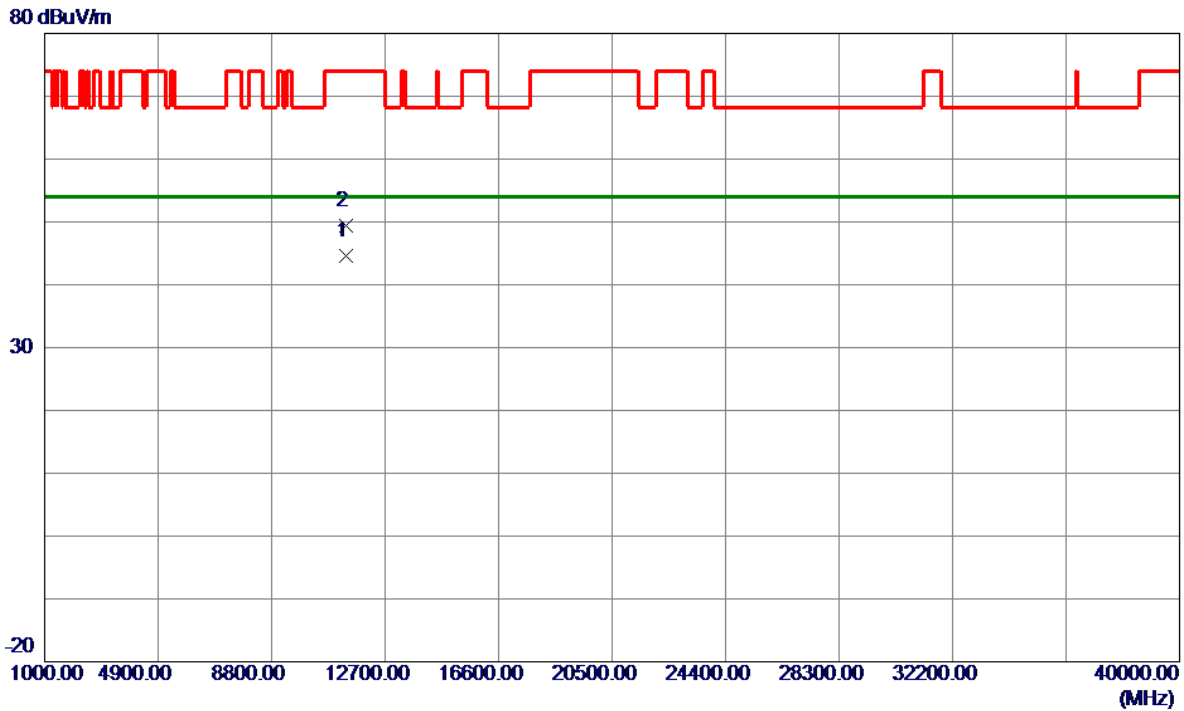


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5673.6000	83.83	13.47	97.30	999.00	-901.70	AVG	No Limit
2 *	5673.7000	88.01	13.47	101.48	68.20	33.28	Peak	No Limit
3	5725.0000	34.66	13.63	48.29	68.20	-19.91	Peak	

REMARKS:

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

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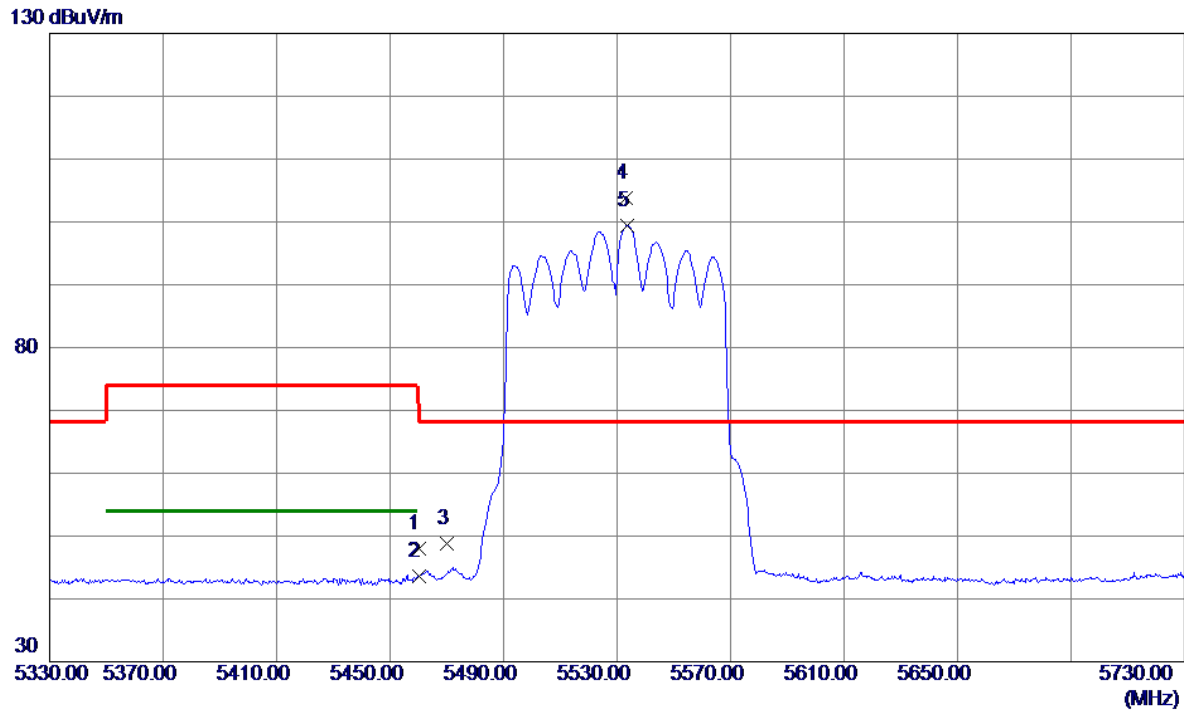


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11339.9500	36.14	8.51	44.65	54.00	-9.35	AVG	
2	11340.0500	40.84	8.51	49.35	74.00	-24.65	Peak	

REMARKS:

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

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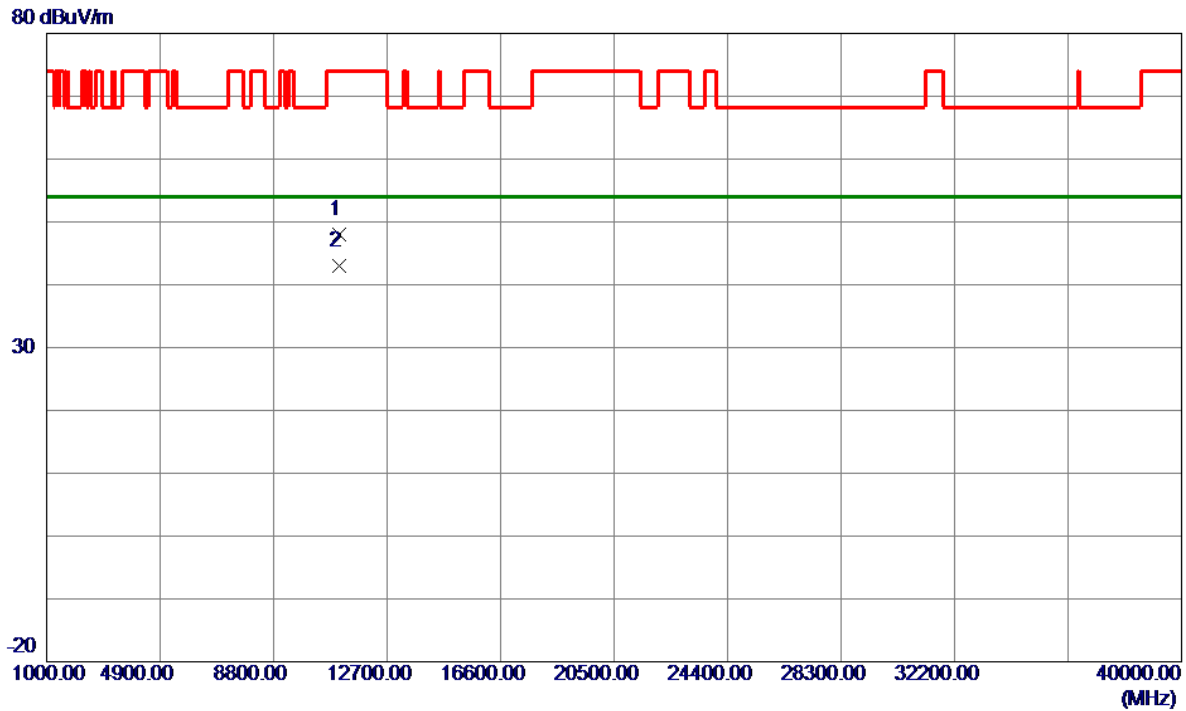


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	35.09	12.91	48.00	74.00	-26.00	Peak	
2	5460.0000	30.77	12.91	43.68	54.00	-10.32	AVG	
3	5470.0000	35.82	12.91	48.73	68.20	-19.47	Peak	
4 *	5533.2000	90.86	13.03	103.89	68.20	35.69	Peak	No Limit
5	5533.6000	86.41	13.03	99.44	999.00	-899.56	AVG	No Limit

REMARKS:

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

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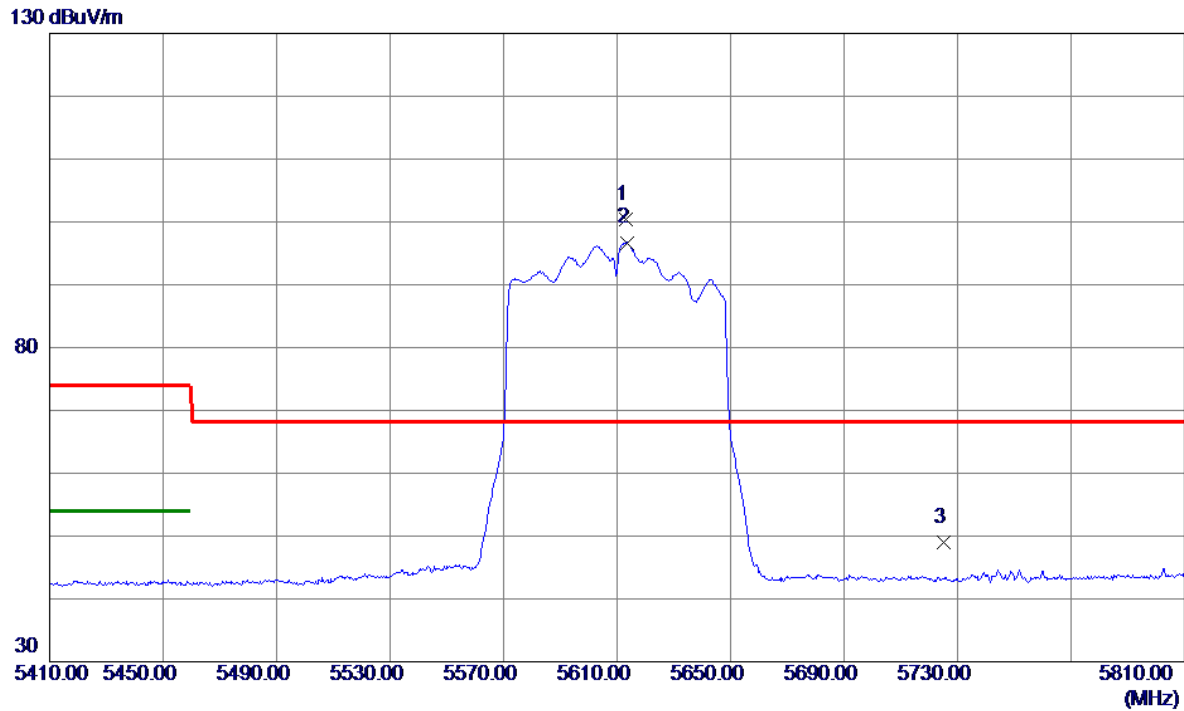


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11059.8700	39.75	8.21	47.96	74.00	-26.04	Peak	
2 *	11059.9000	34.70	8.21	42.91	54.00	-11.09	AVG	

REMARKS:

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

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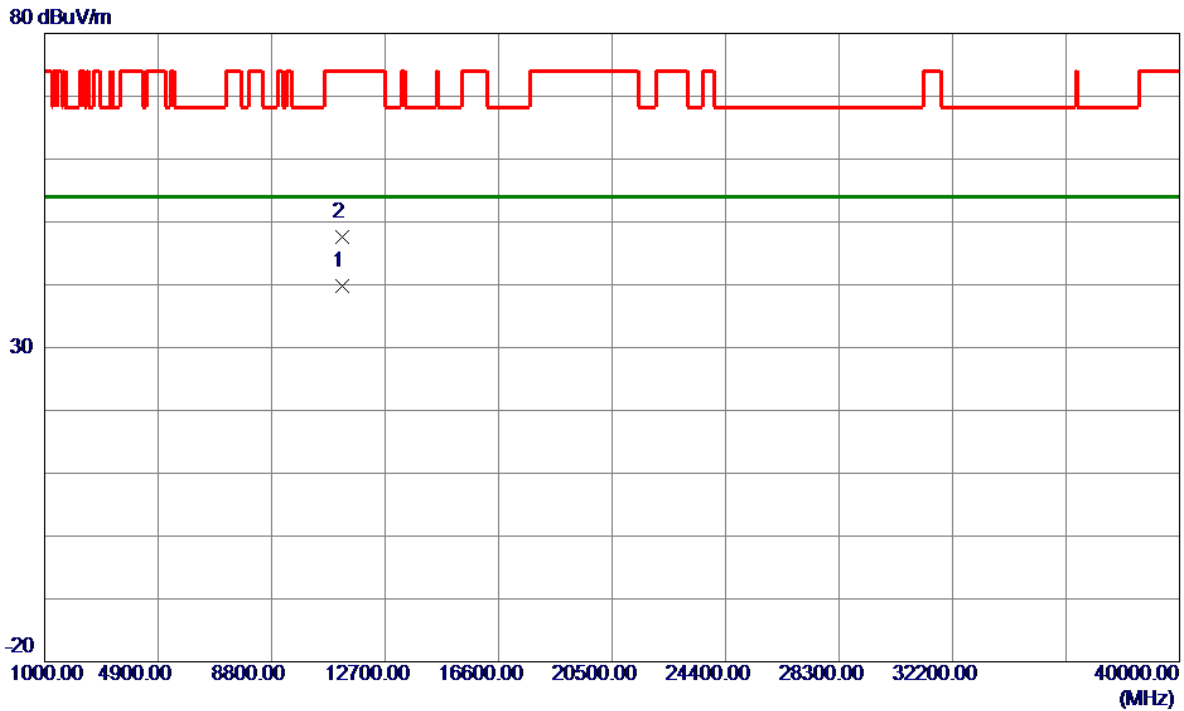


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5613.2000	87.06	13.28	100.34	68.20	32.14	Peak	No Limit
2	5613.4000	83.42	13.28	96.70	999.00	-902.30	AVG	No Limit
3	5725.0000	35.39	13.63	49.02	68.20	-19.18	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX AC(VHT80) Mode 5610 MHz	Polarization	Vertical
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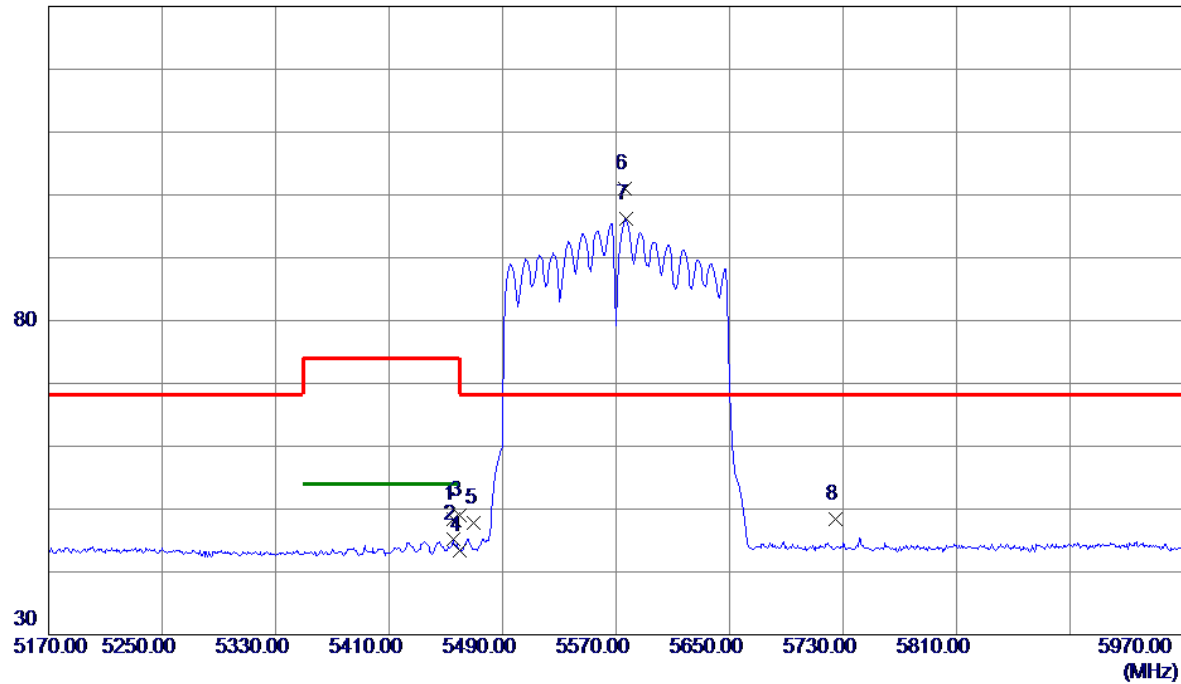
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11219.9800	31.32	8.39	39.71	54.00	-14.29	AVG	
2	11220.0199	39.22	8.39	47.61	74.00	-26.39	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX AC(VHT160) Mode 5570 MHz	Polarization	Vertical
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130 dBuV/m

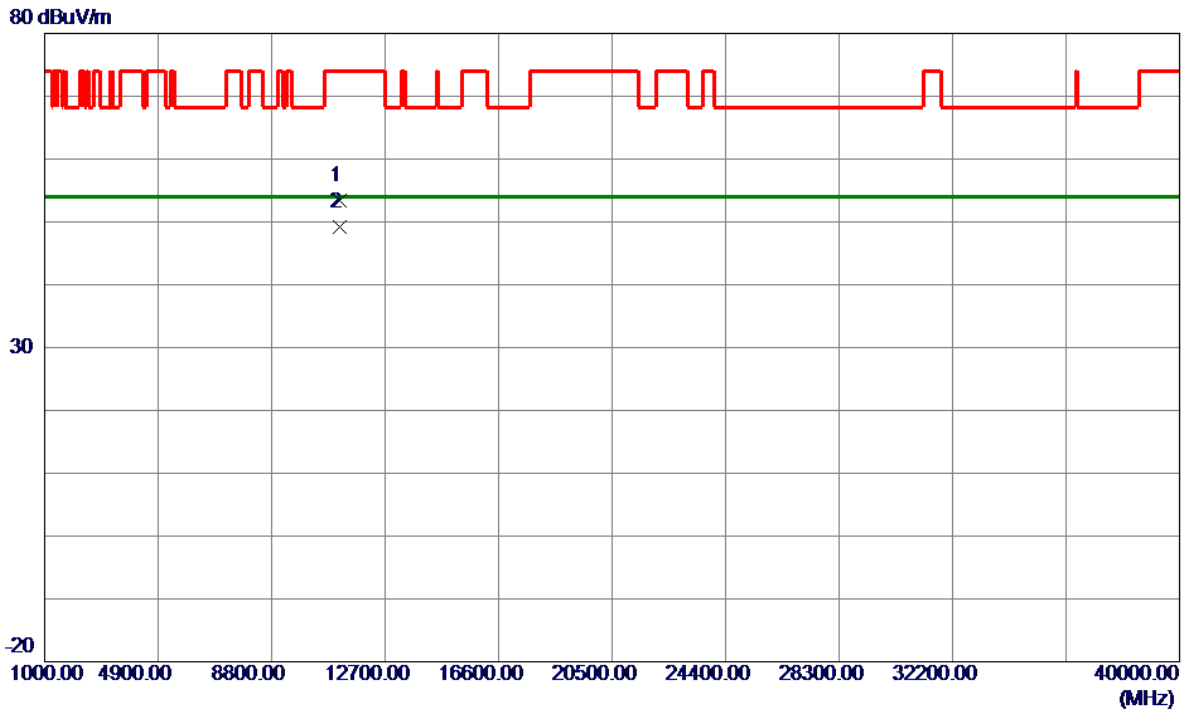


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5455.2000	35.53	12.91	48.44	74.00	-25.56	Peak	
2	5455.2000	32.21	12.91	45.12	54.00	-8.88	AVG	
3	5460.0000	36.04	12.91	48.95	74.00	-25.05	Peak	
4	5460.0000	30.48	12.91	43.39	54.00	-10.61	AVG	
5	5470.0000	34.98	12.91	47.89	68.20	-20.31	Peak	
6 *	5576.4000	87.81	13.16	100.97	68.20	32.77	Peak	No Limit
7	5576.8000	83.06	13.17	96.23	999.00	-902.77	AVG	No Limit
8	5725.0000	34.70	13.63	48.33	68.20	-19.87	Peak	

REMARKS:

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

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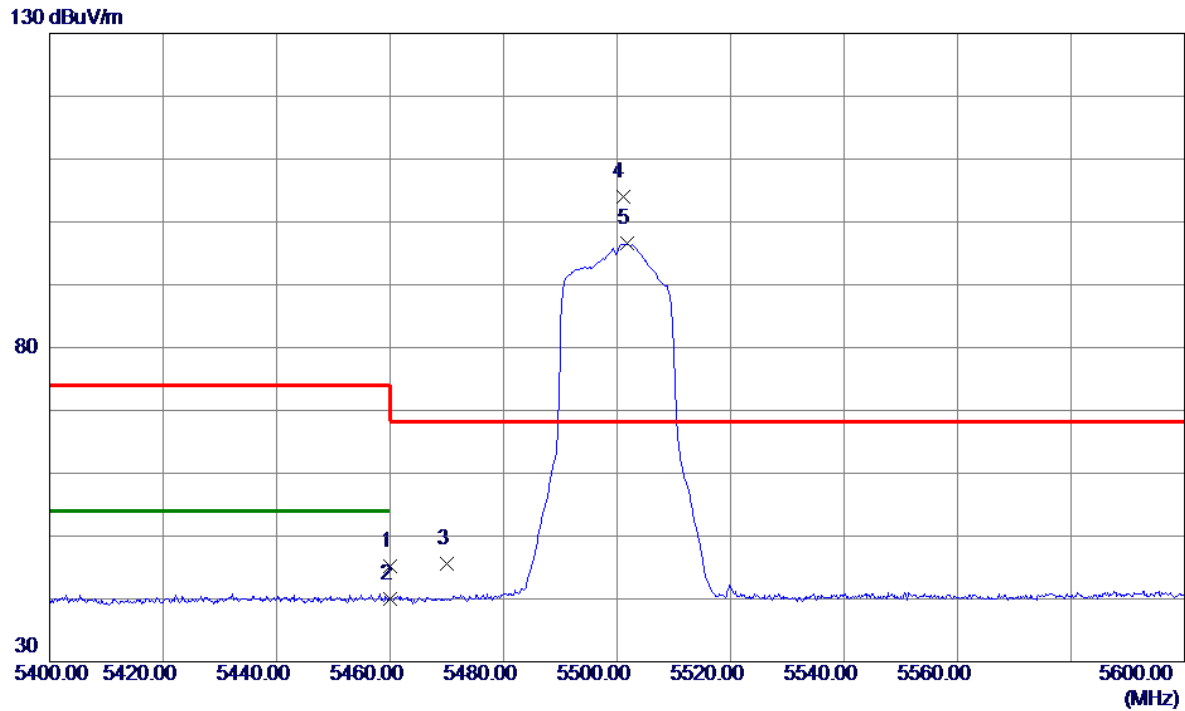


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11139.8500	45.14	8.30	53.44	74.00	-20.56	Peak	
2 *	11139.9800	40.93	8.30	49.23	54.00	-4.77	AVG	

REMARKS:

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

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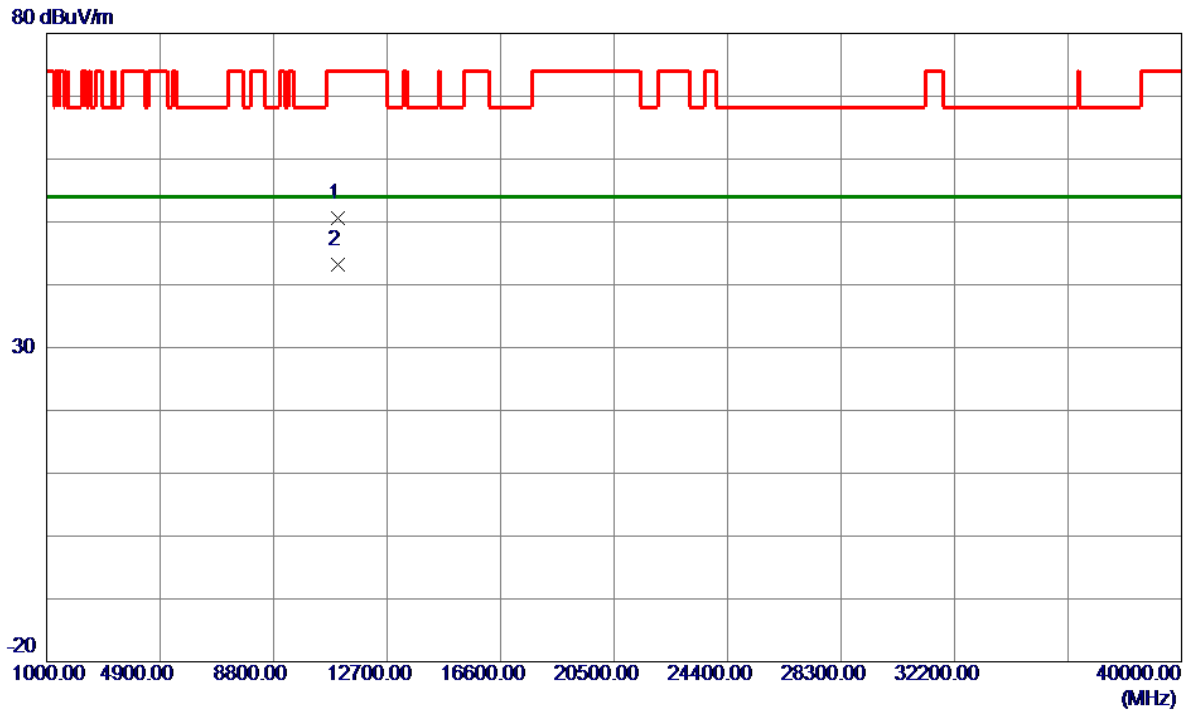


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	32.37	12.91	45.28	74.00	-28.72	Peak	
2	5460.0000	27.08	12.91	39.99	54.00	-14.01	AVG	
3	5470.0000	32.62	12.91	45.53	68.20	-22.67	Peak	
4 *	5501.0000	90.97	12.93	103.90	68.20	35.70	Peak	No Limit
5	5501.7000	83.61	12.93	96.54	999.00	-902.46	AVG	No Limit

REMARKS:

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

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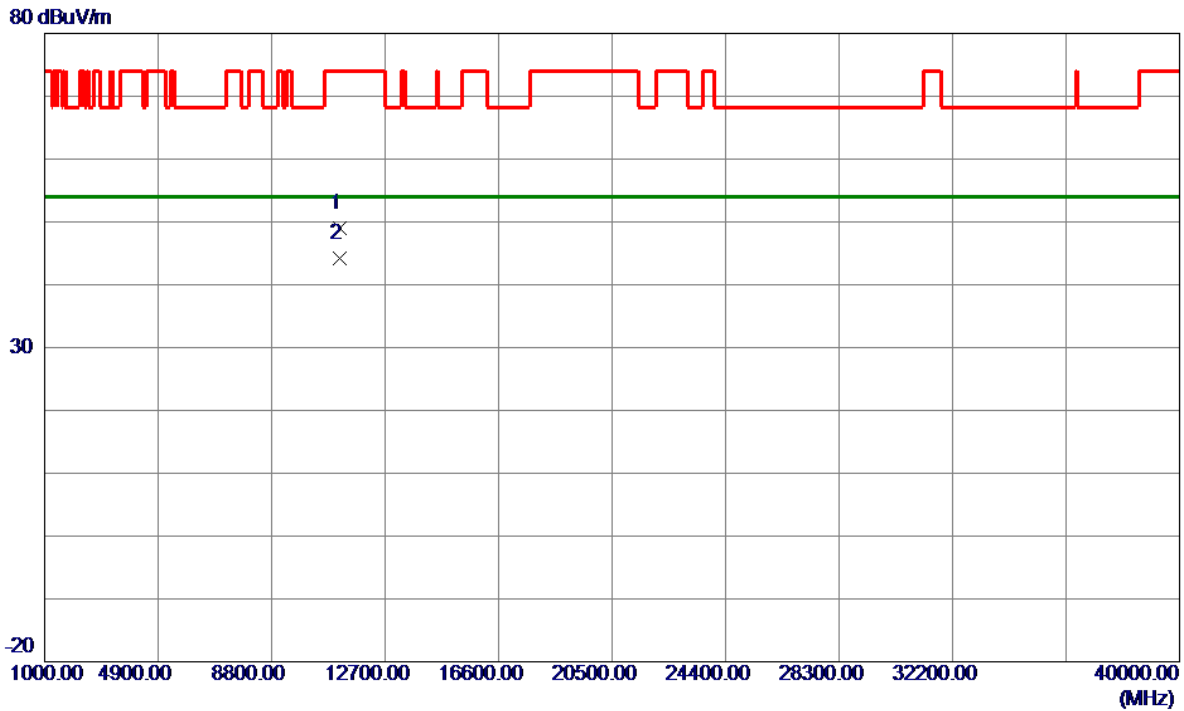


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10999.9200	42.38	8.15	50.53	74.00	-23.47	Peak	
2 *	10999.9200	35.02	8.15	43.17	54.00	-10.83	AVG	

REMARKS:

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

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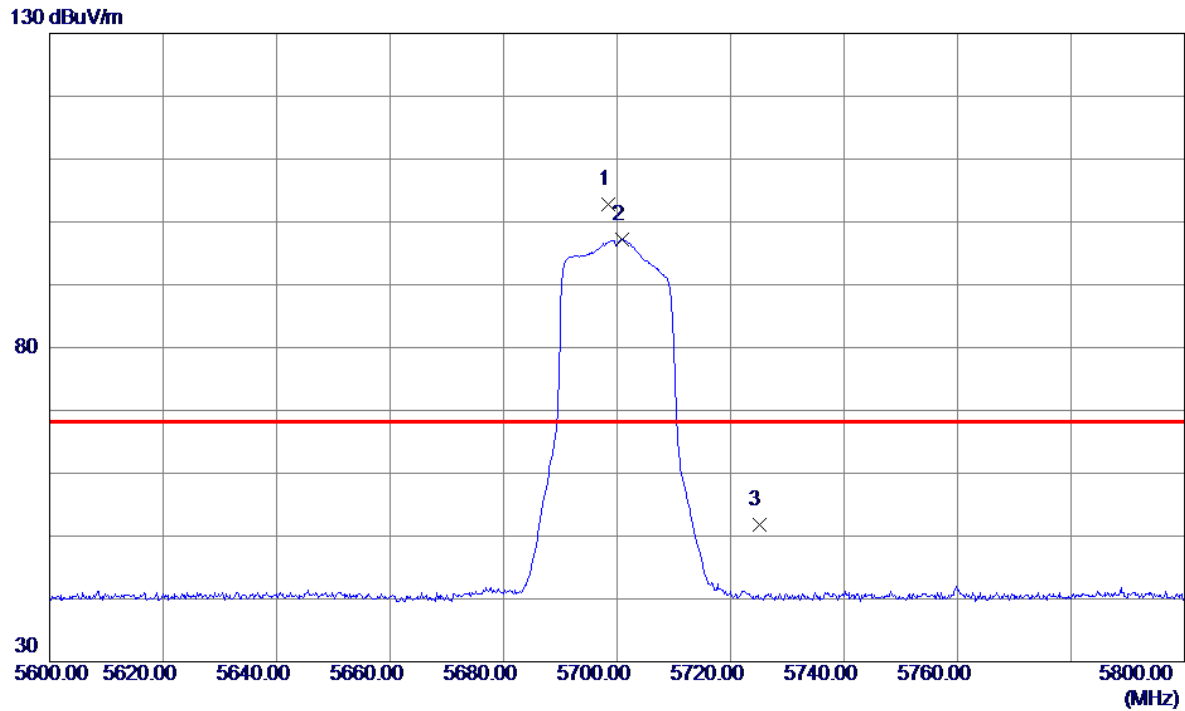


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11159.8500	40.66	8.32	48.98	74.00	-25.02	Peak	
2 *	11159.8900	35.96	8.32	44.28	54.00	-9.72	AVG	

REMARKS:

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

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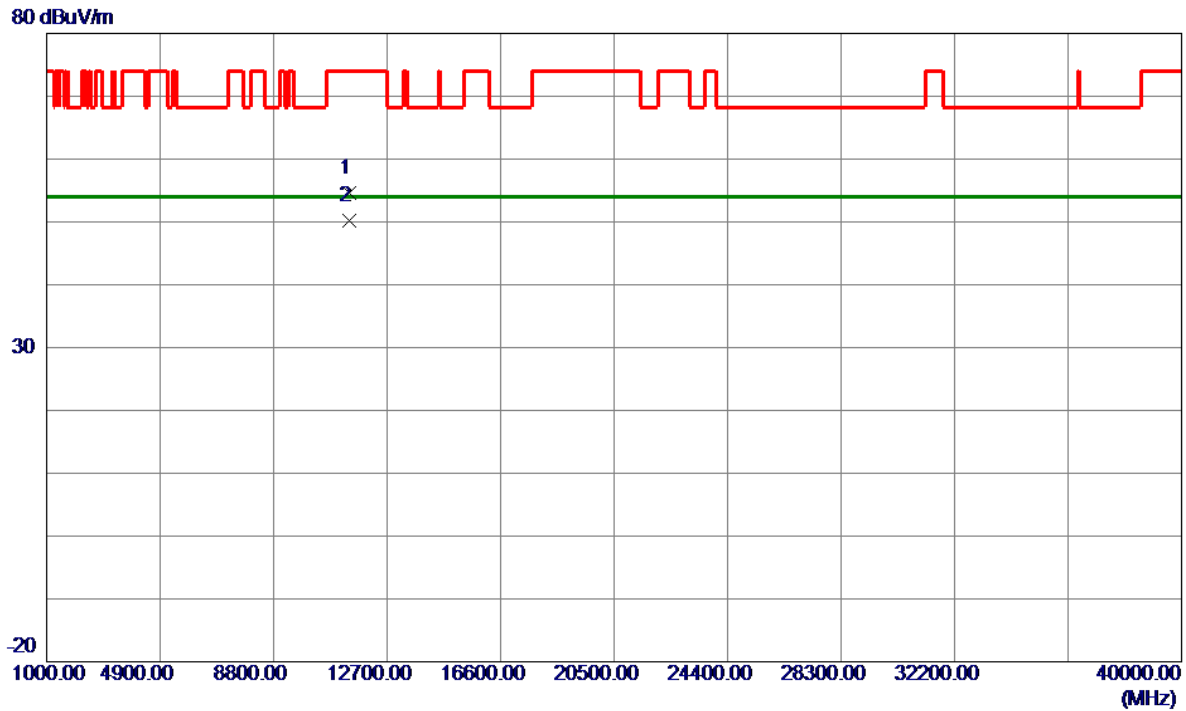


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5698.5200	89.34	13.55	102.89	68.20	34.69	Peak	No Limit
2	5700.8000	83.64	13.55	97.19	999.00	-901.81	AVG	No Limit
3	5725.0000	38.21	13.63	51.84	68.20	-16.36	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX AX(HE20) Mode 5700 MHz	Polarization	Vertical
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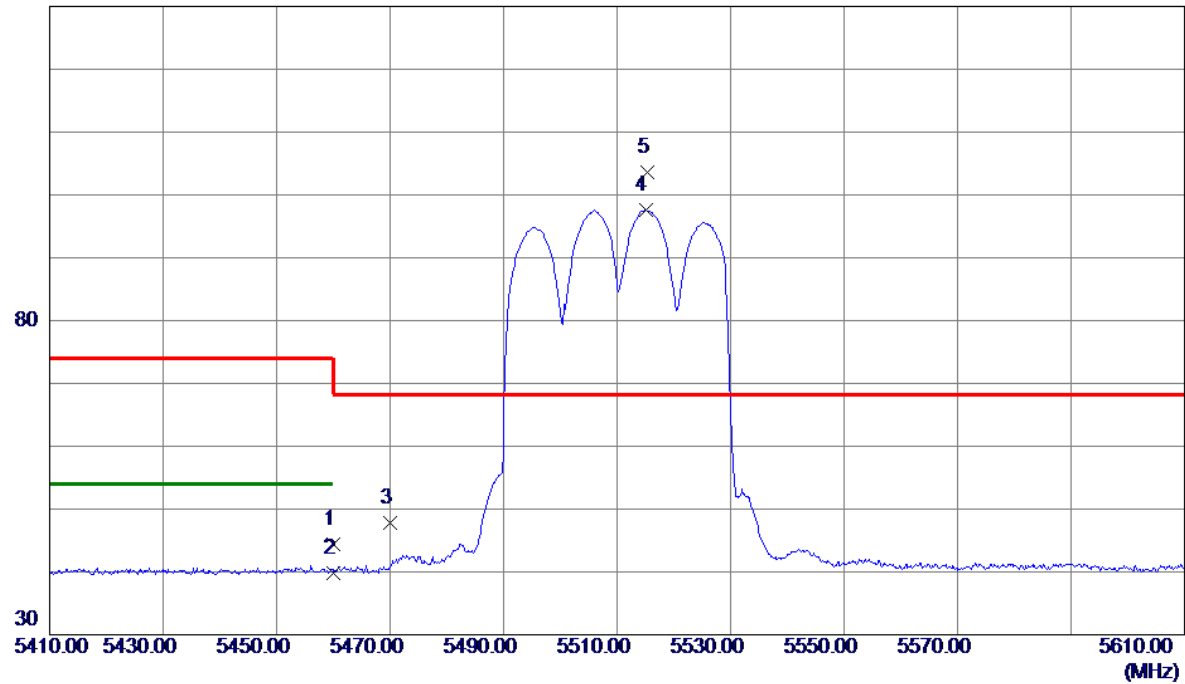
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11399.8000	46.09	8.58	54.67	74.00	-19.33	Peak	
2 *	11399.9000	41.64	8.58	50.22	54.00	-3.78	AVG	

REMARKS:

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

Test Mode	UNII-2C_TX AX(HE40) Mode 5510 MHz	Polarization	Vertical
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130 dBuV/m

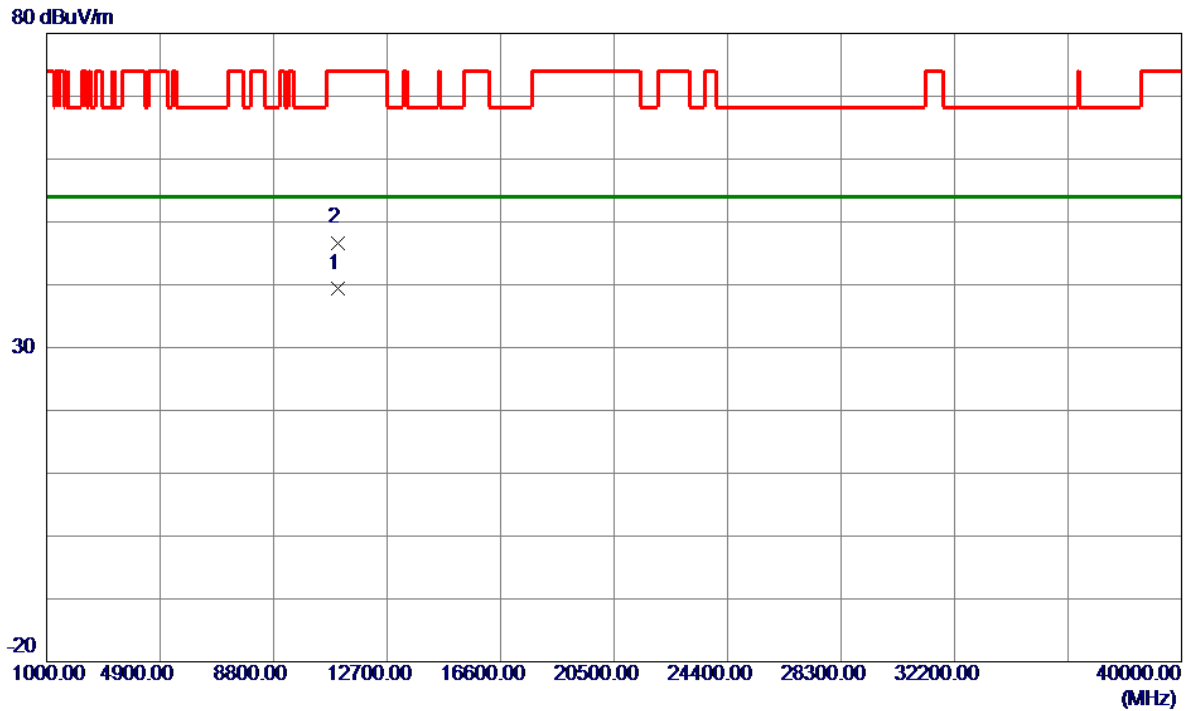


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	31.41	12.91	44.32	74.00	-29.68	Peak	
2	5460.0000	26.98	12.91	39.89	54.00	-14.11	AVG	
3	5470.0000	34.83	12.91	47.74	68.20	-20.46	Peak	
4	5515.0000	84.69	12.97	97.66	999.00	-901.34	AVG	No Limit
5 *	5515.4000	90.70	12.97	103.67	68.20	35.47	Peak	No Limit

REMARKS:

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

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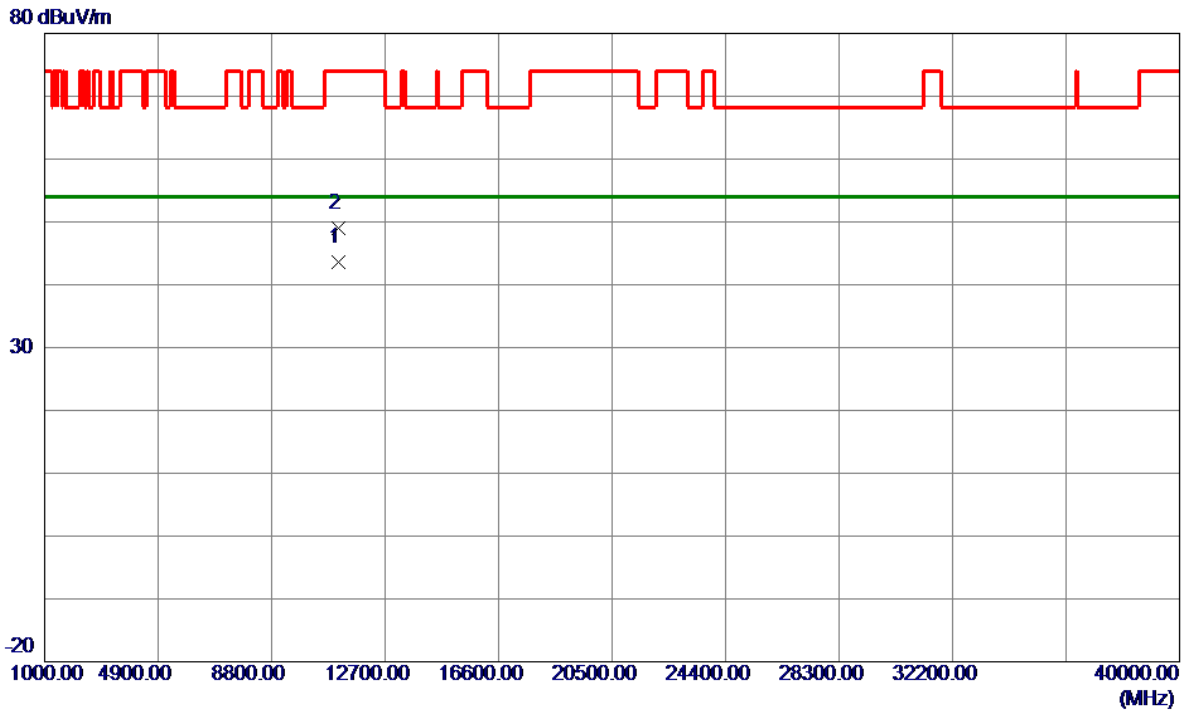


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11019.9100	31.31	8.17	39.48	54.00	-14.52	AVG	
2	11027.8000	38.52	8.18	46.70	74.00	-27.30	Peak	

REMARKS:

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

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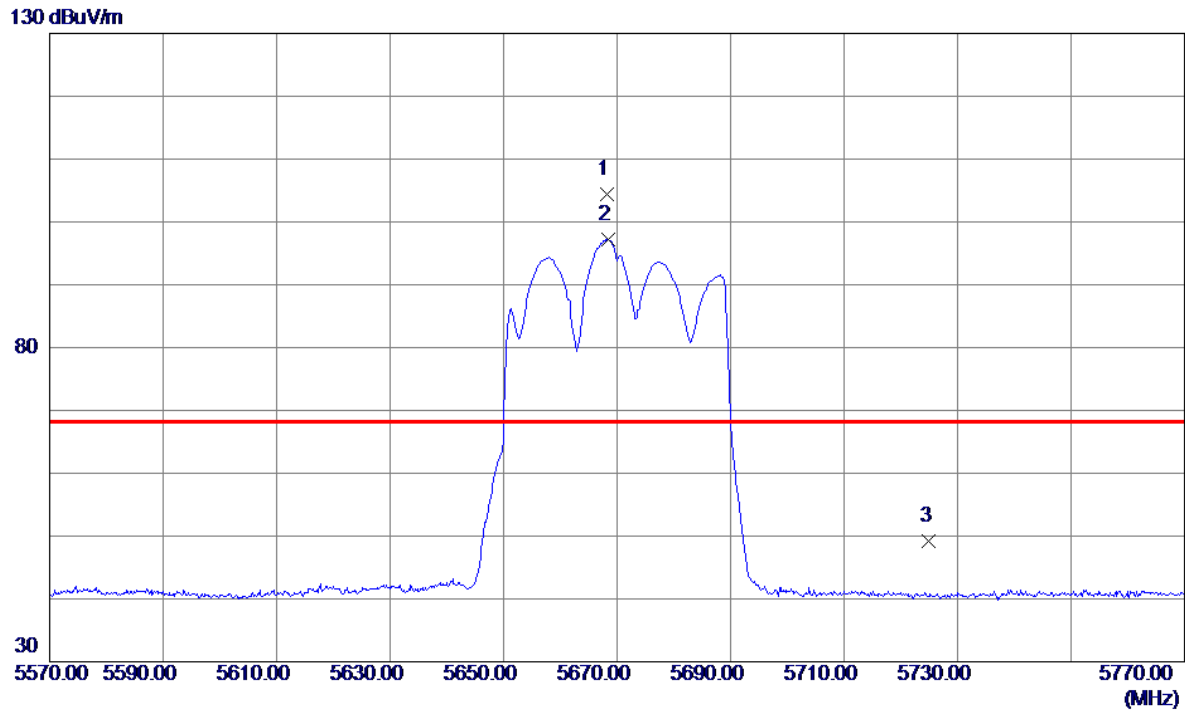


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11099.9600	35.31	8.26	43.57	54.00	-10.43	AVG	
2	11100.0100	40.69	8.26	48.95	74.00	-25.05	Peak	

REMARKS:

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

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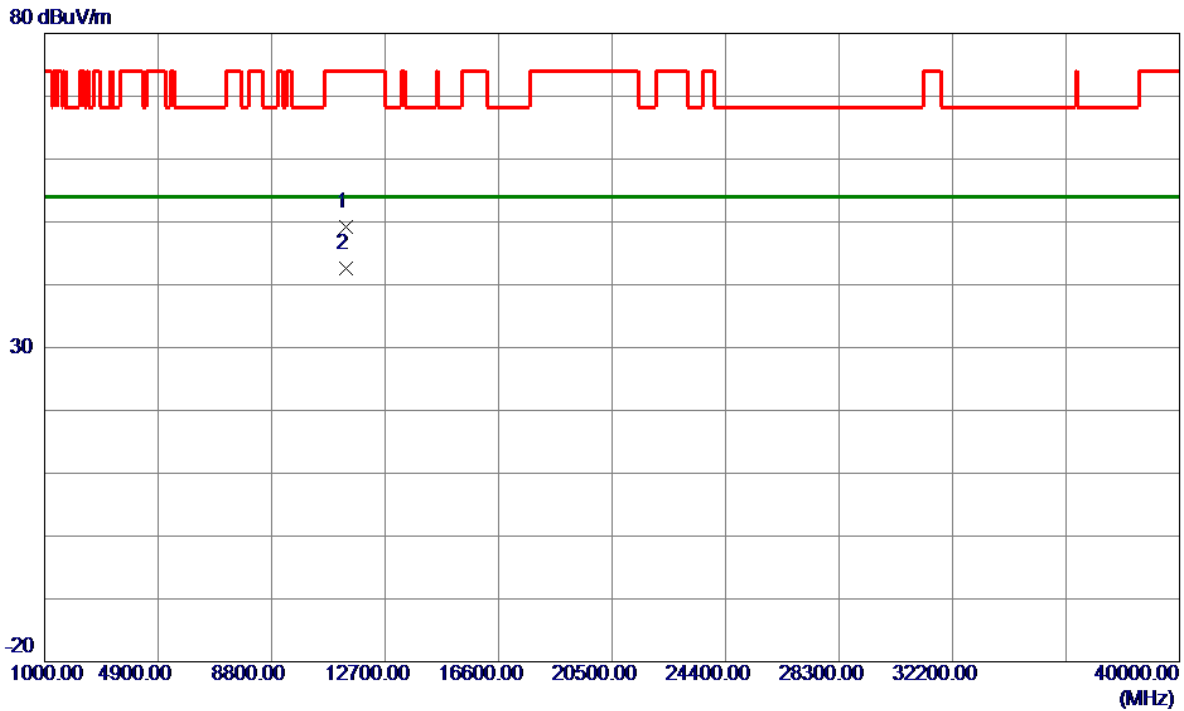


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5668.3000	90.95	13.45	104.40	68.20	36.20	Peak	No Limit
2	5668.5000	83.71	13.45	97.16	999.00	-901.84	AVG	No Limit
3	5725.0000	35.64	13.63	49.27	68.20	-18.93	Peak	

REMARKS:

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

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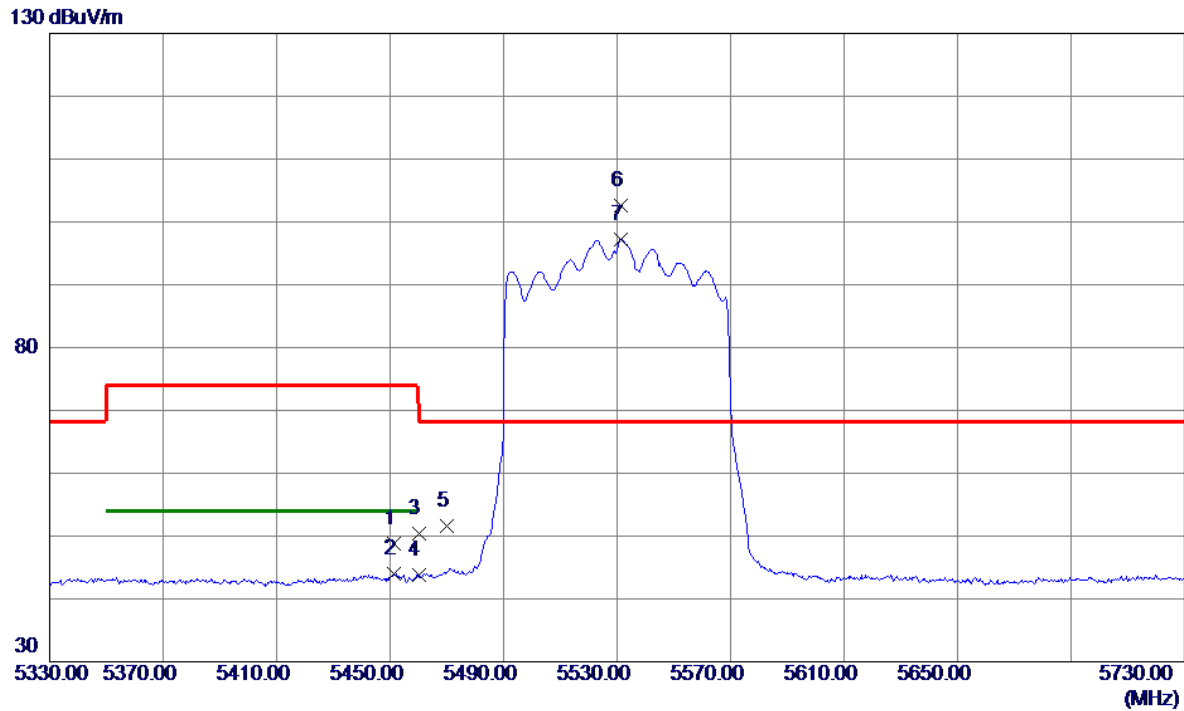


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11339.7600	40.63	8.51	49.14	74.00	-24.86	Peak	
2 *	11339.8600	34.18	8.51	42.69	54.00	-11.31	AVG	

REMARKS:

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

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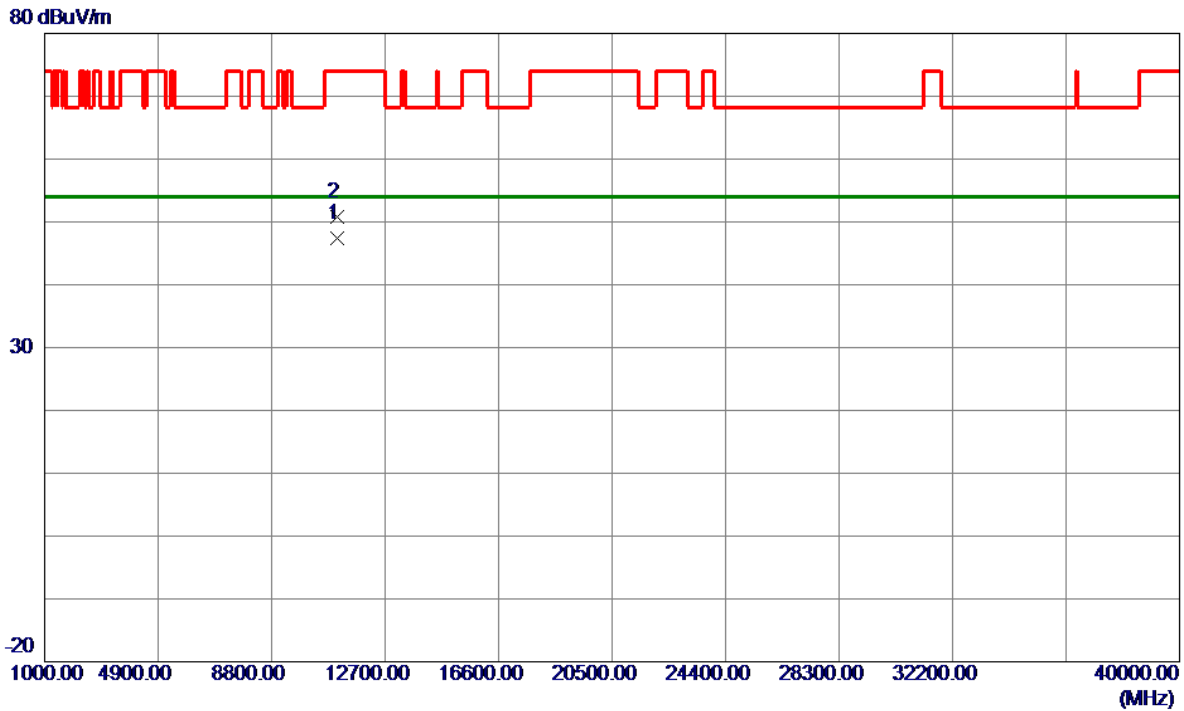


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5451.4000	35.97	12.91	48.88	74.00	-25.12	Peak	
2	5451.4000	31.03	12.91	43.94	54.00	-10.06	AVG	
3	5460.0000	37.55	12.91	50.46	74.00	-23.54	Peak	
4	5460.0000	30.83	12.91	43.74	54.00	-10.26	AVG	
5	5470.0000	38.64	12.91	51.55	68.20	-16.65	Peak	
6 *	5531.4000	89.51	13.02	102.53	68.20	34.33	Peak	No Limit
7	5531.4000	84.27	13.02	97.29	999.00	-901.71	AVG	No Limit

REMARKS:

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

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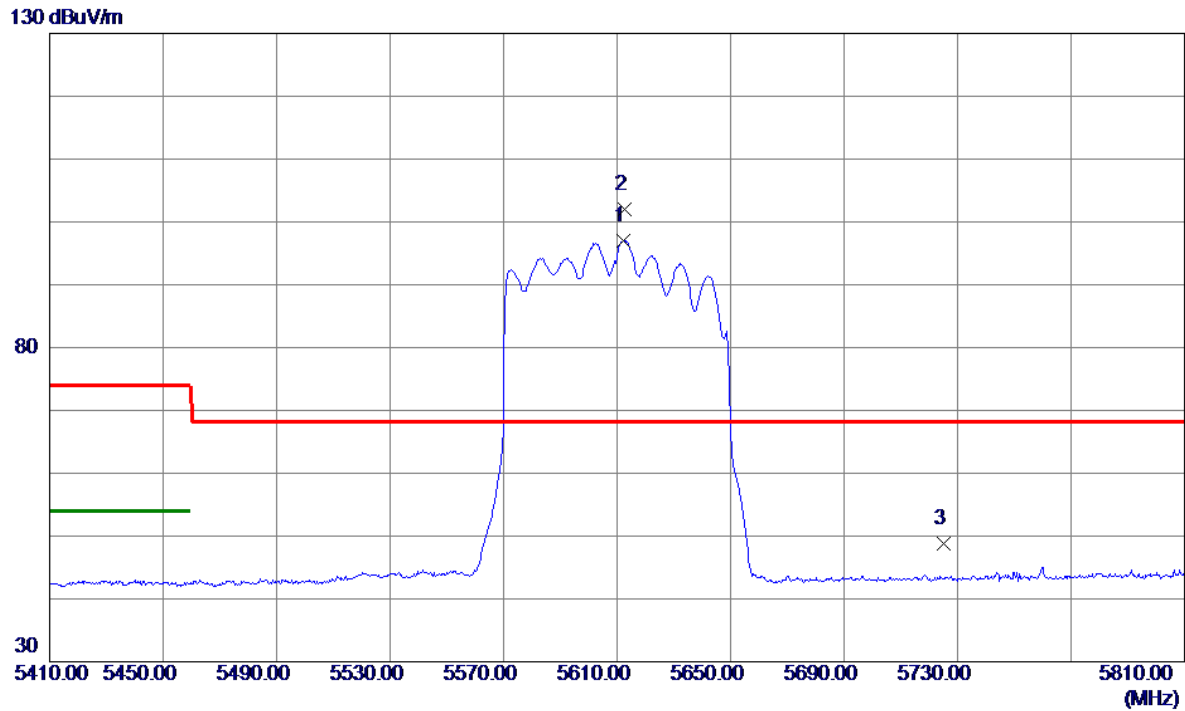


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11059.9200	39.15	8.21	47.36	54.00	-6.64	AVG	
2	11060.0000	42.55	8.21	50.76	74.00	-23.24	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5612.2000	83.75	13.28	97.03	999.00	-901.97	AVG	No Limit
2 *	5612.6000	88.78	13.28	102.06	68.20	33.86	Peak	No Limit
3	5725.0000	35.18	13.63	48.81	68.20	-19.39	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX AX(HE80) Mode 5610 MHz	Polarization	Vertical
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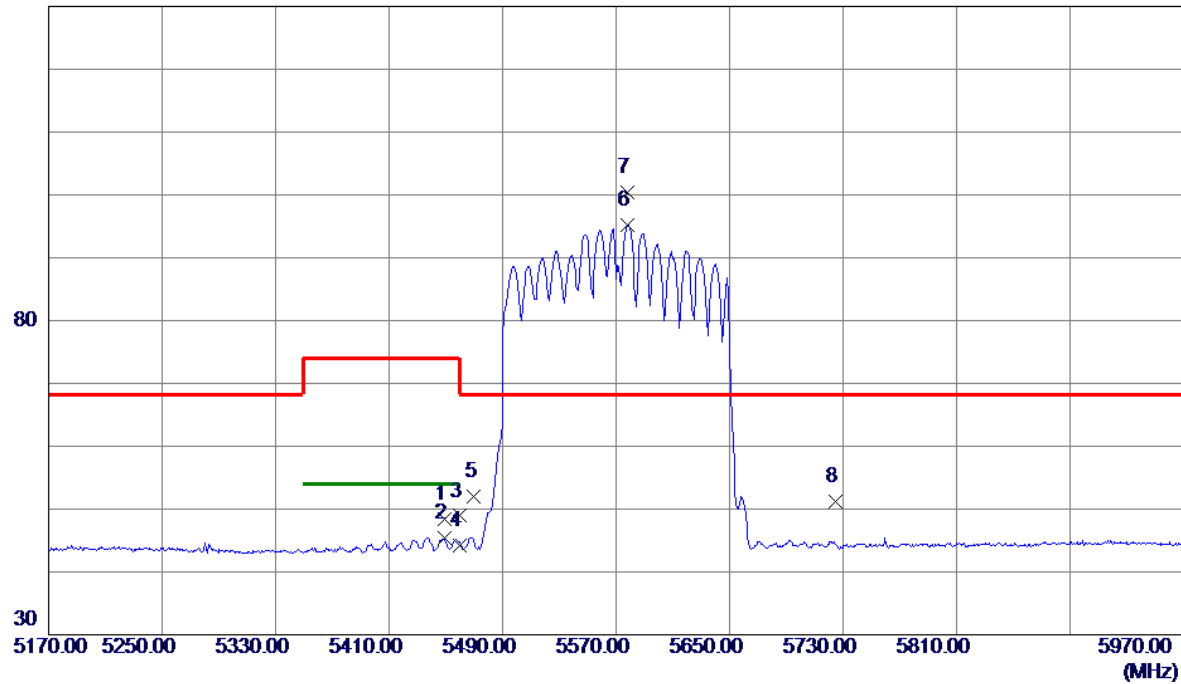
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11219.9100	41.83	8.39	50.22	54.00	-3.78	AVG	
2	11219.9400	44.92	8.39	53.31	74.00	-20.69	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX AX(HE160) Mode 5570 MHz	Polarization	Vertical
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130 dBuV/m



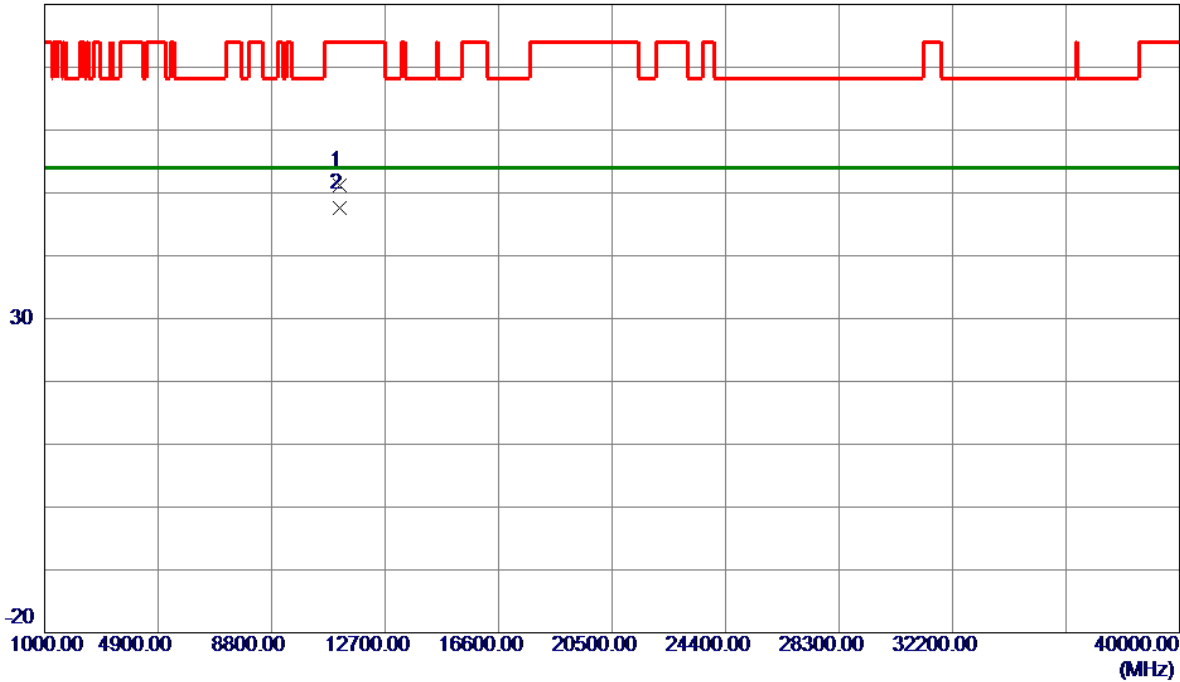
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5448.8000	35.41	12.90	48.31	74.00	-25.69	Peak	
2	5448.8000	32.59	12.90	45.49	54.00	-8.51	AVG	
3	5460.0000	35.99	12.91	48.90	74.00	-25.10	Peak	
4	5460.0000	31.35	12.91	44.26	54.00	-9.74	AVG	
5	5470.0000	39.09	12.91	52.00	68.20	-16.20	Peak	
6	5578.0000	82.11	13.17	95.28	999.00	-903.72	AVG	No Limit
7 *	5578.4000	87.29	13.17	100.46	68.20	32.26	Peak	No Limit
8	5725.0000	37.50	13.63	51.13	68.20	-17.07	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX AX(HE160) Mode 5570 MHz	Polarization	Vertical
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80 dBuV/m

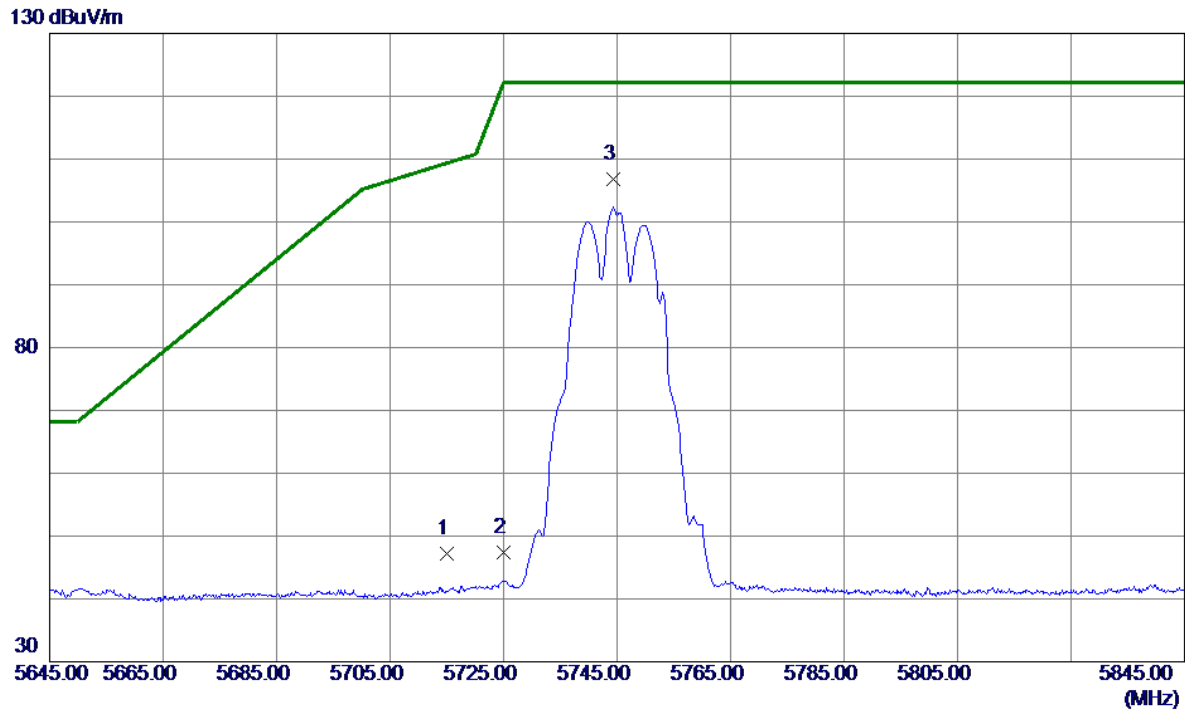


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11139.7699	42.95	8.30	51.25	74.00	-22.75	Peak	
2 *	11139.8700	39.27	8.30	47.57	54.00	-6.43	AVG	

REMARKS:

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

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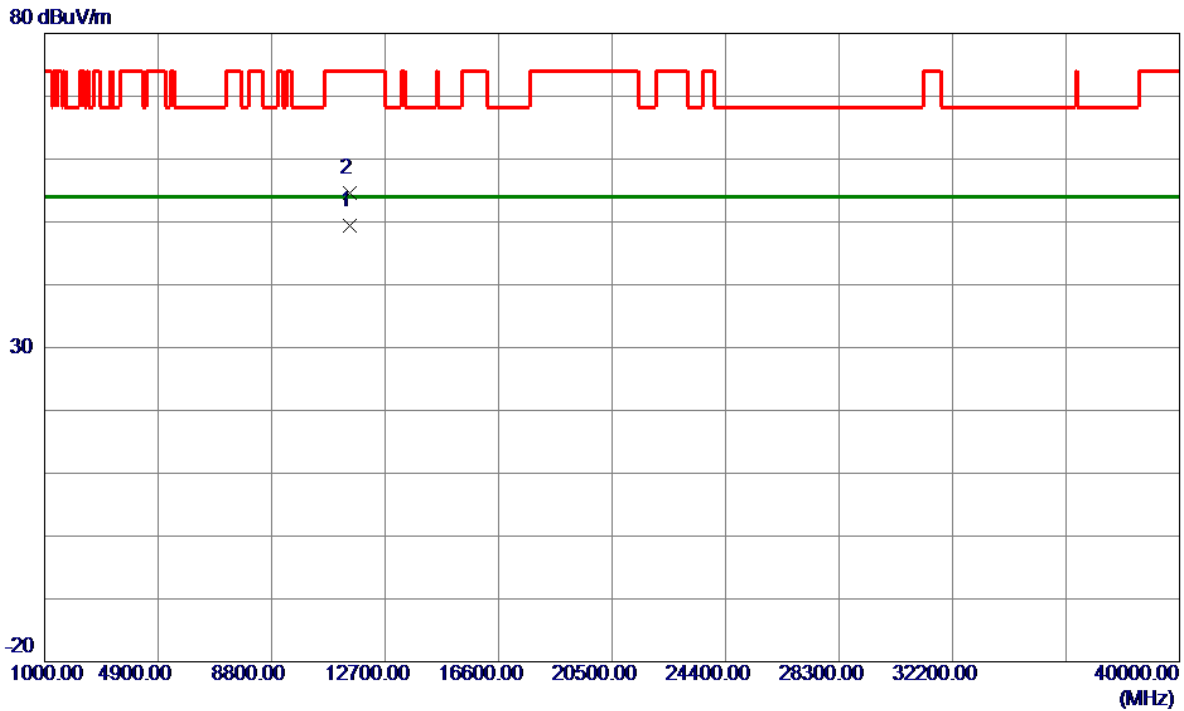


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	33.69	13.60	47.29	109.40	-62.11	Peak	
2	5725.0000	33.84	13.63	47.47	122.20	-74.73	Peak	
3 *	5744.3000	93.07	13.69	106.76	122.20	-15.44	Peak	No Limit

REMARKS:

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

Test Mode	UNII-3_TX A Mode 5745 MHz	Polarization	Vertical
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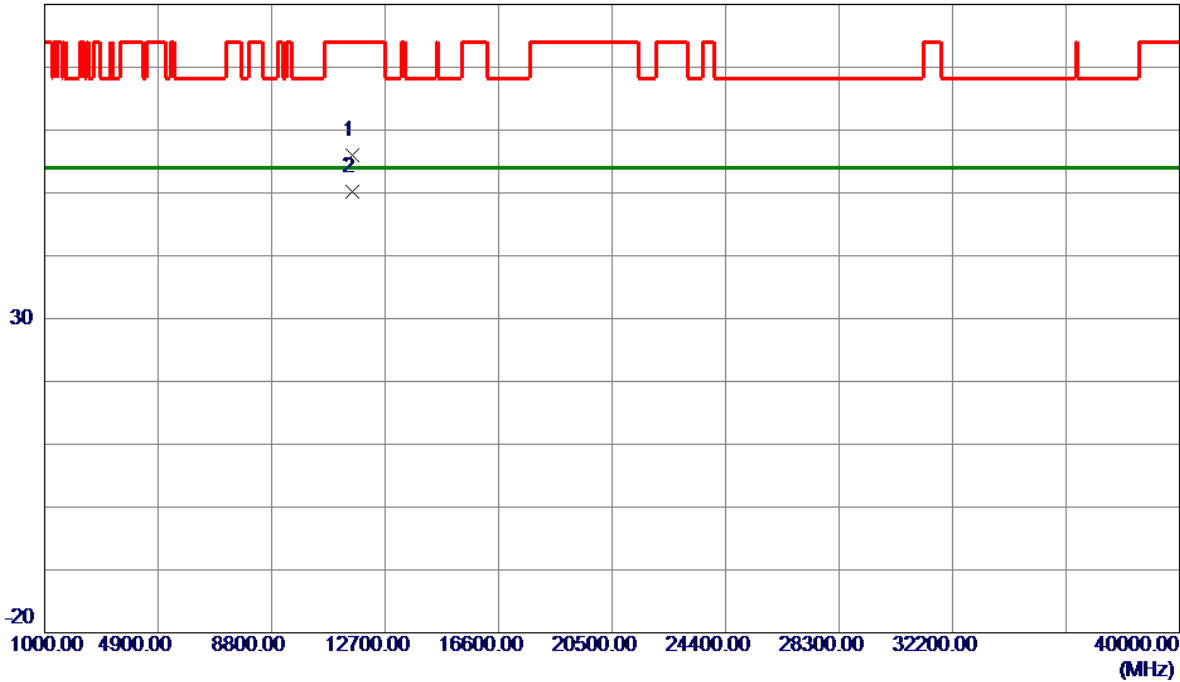
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11489.9200	40.70	8.67	49.37	54.00	-4.63	AVG	
2	11490.0100	45.91	8.67	54.58	74.00	-19.42	Peak	

REMARKS:

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

Test Mode	UNII-3_TX A Mode 5785 MHz	Polarization	Vertical
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80 dBuV/m

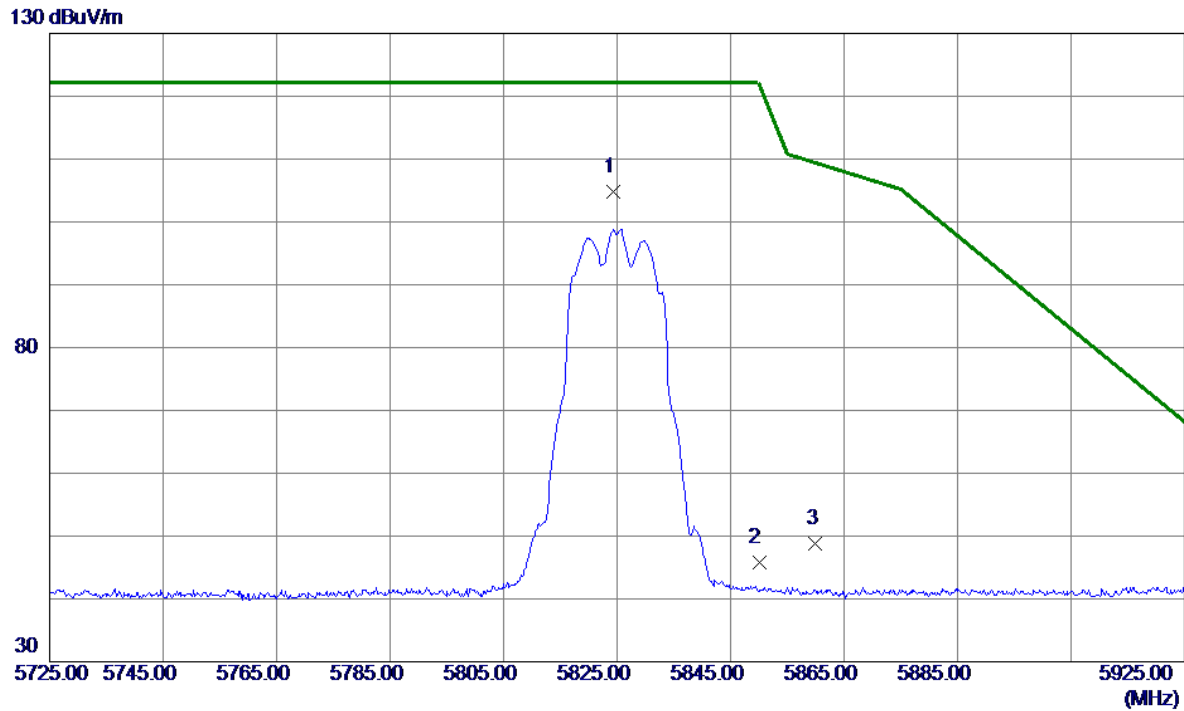


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11569.8400	47.34	8.63	55.97	74.00	-18.03	Peak	
2 *	11569.8900	41.60	8.63	50.23	54.00	-3.77	AVG	

REMARKS:

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

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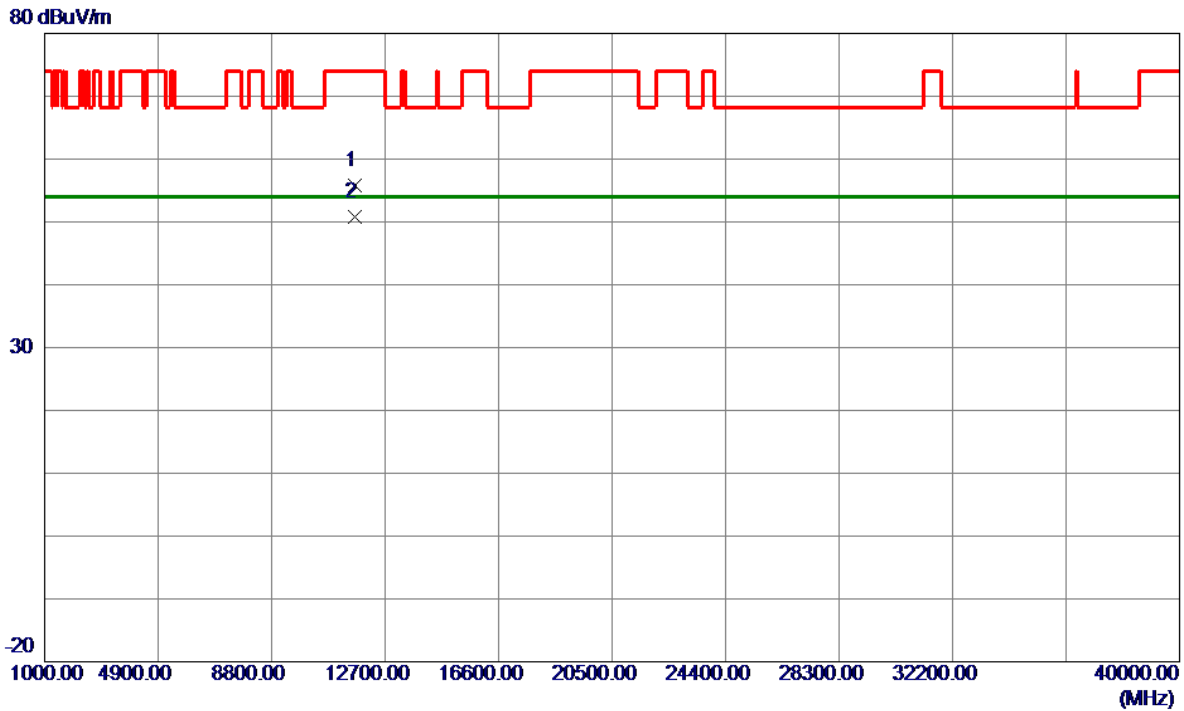


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5824.3000	90.82	13.94	104.76	122.20	-17.44	Peak	No Limit
2	5850.0000	31.81	14.02	45.83	122.20	-76.37	Peak	
3	5860.0000	34.71	14.05	48.76	109.40	-60.64	Peak	

REMARKS:

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

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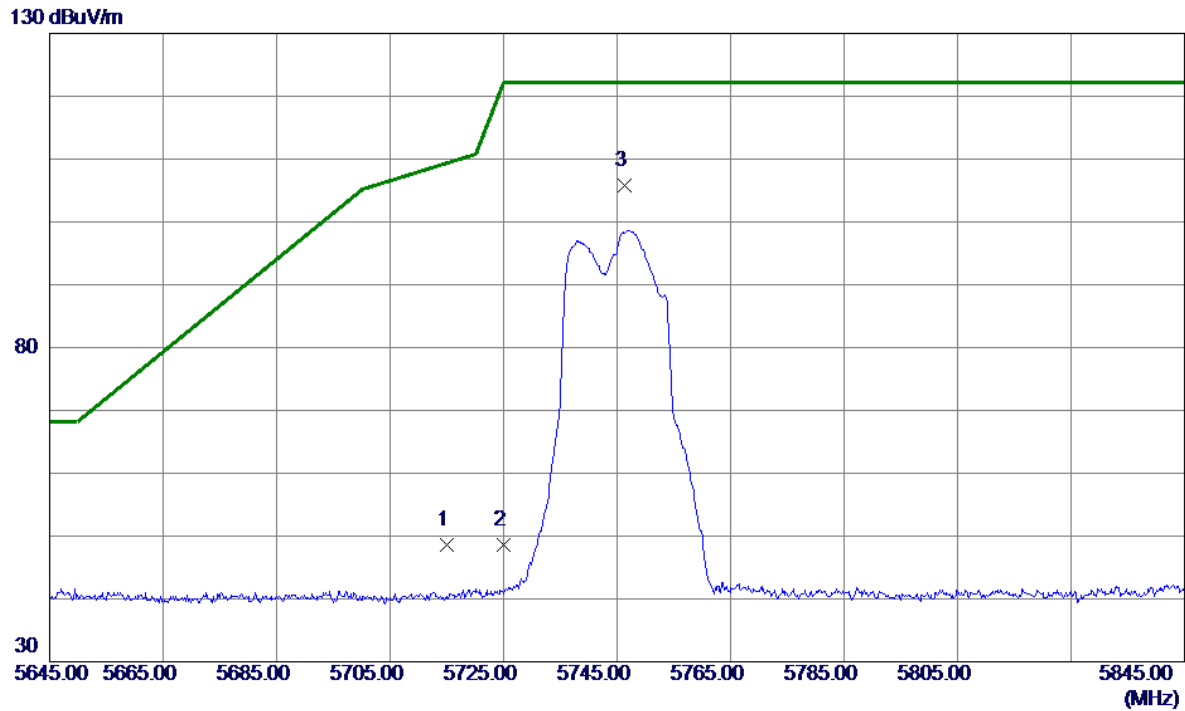


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11649.8200	47.29	8.56	55.85	74.00	-18.15	Peak	
2 *	11649.9200	42.32	8.56	50.88	54.00	-3.12	AVG	

REMARKS:

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

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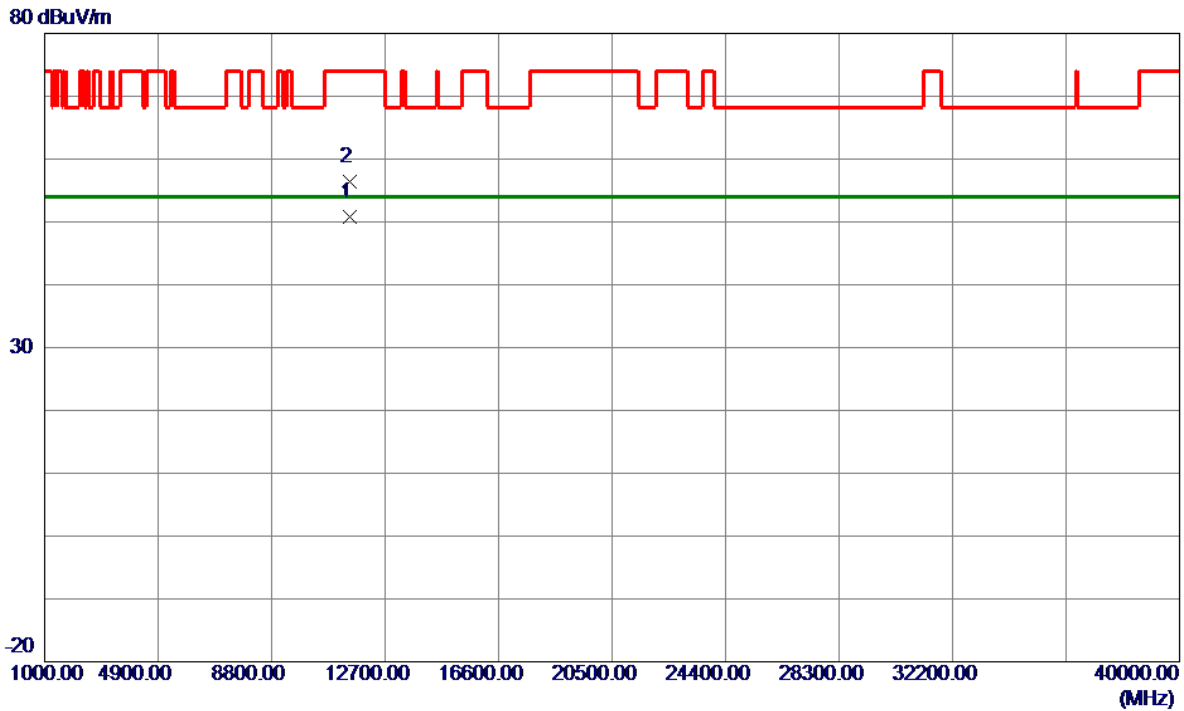


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	34.94	13.60	48.54	109.40	-60.86	Peak	
2	5725.0000	34.93	13.63	48.56	122.20	-73.64	Peak	
3 *	5746.4000	92.15	13.70	105.85	122.20	-16.35	Peak	No Limit

REMARKS:

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

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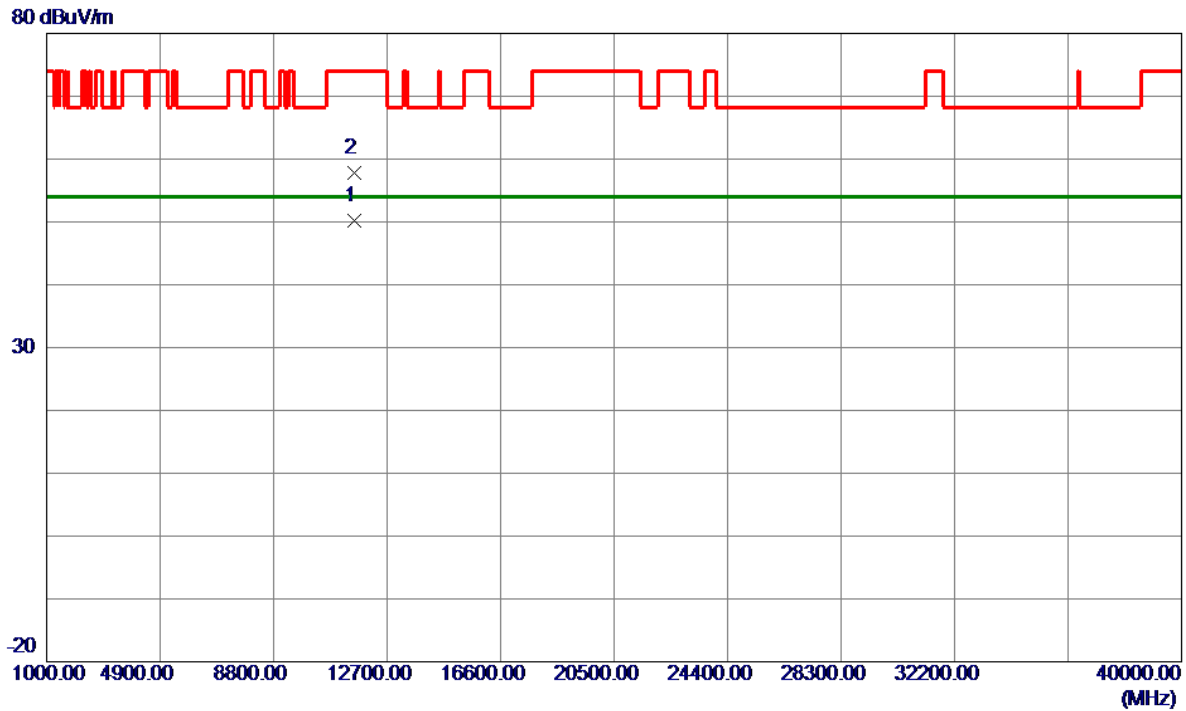


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11489.9100	42.07	8.67	50.74	54.00	-3.26	AVG	
2	11489.9500	47.68	8.67	56.35	74.00	-17.65	Peak	

REMARKS:

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

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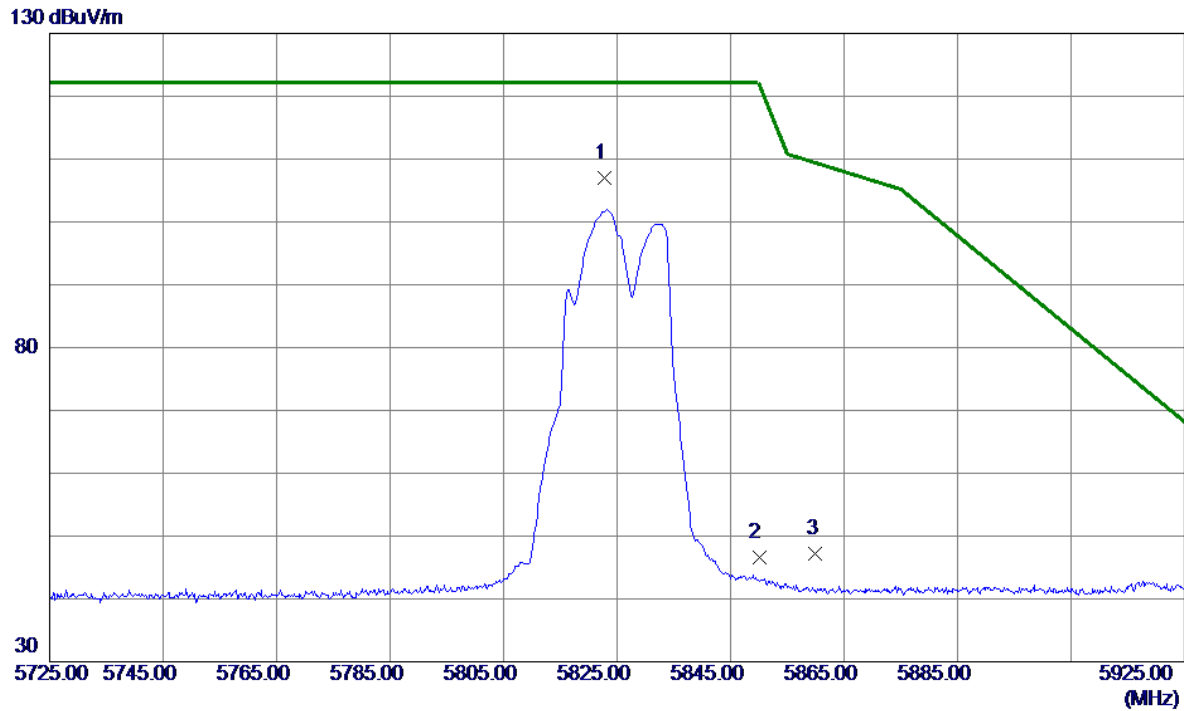


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11569.9200	41.60	8.63	50.23	54.00	-3.77	AVG	
2	11569.9300	49.16	8.63	57.79	74.00	-16.21	Peak	

REMARKS:

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

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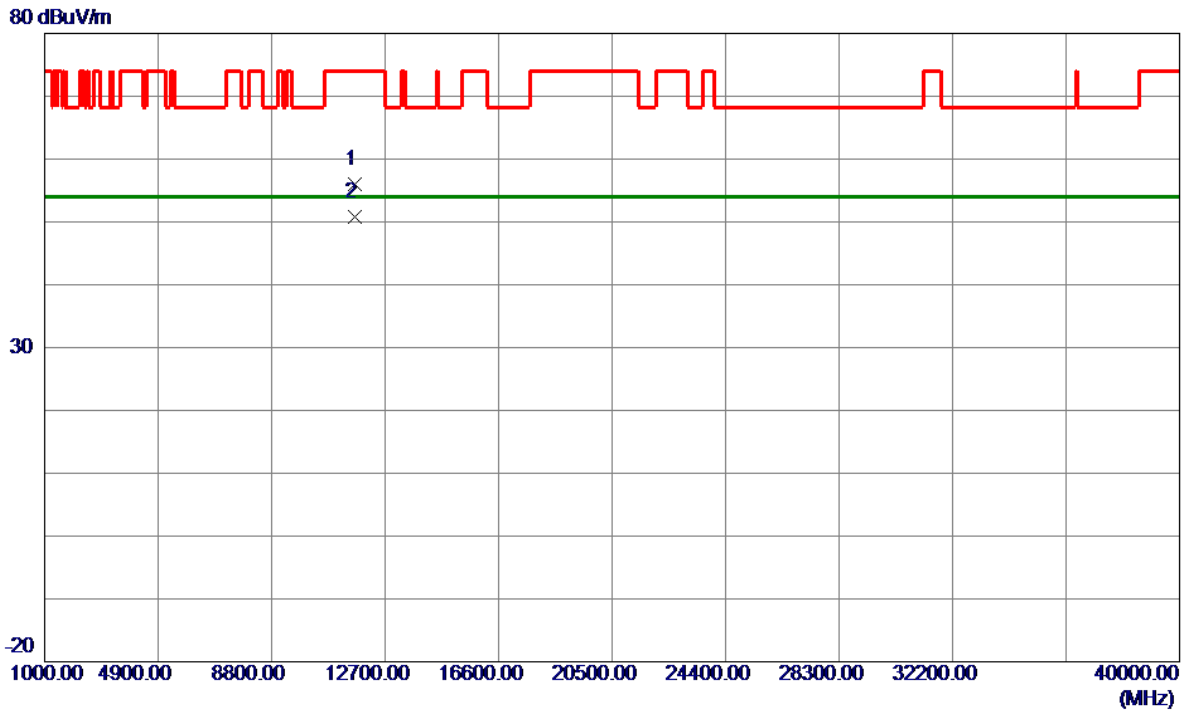


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5822.7000	93.12	13.94	107.06	122.20	-15.14	Peak	No Limit
2	5850.0000	32.51	14.02	46.53	122.20	-75.67	Peak	
3	5860.0000	33.07	14.05	47.12	109.40	-62.28	Peak	

REMARKS:

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

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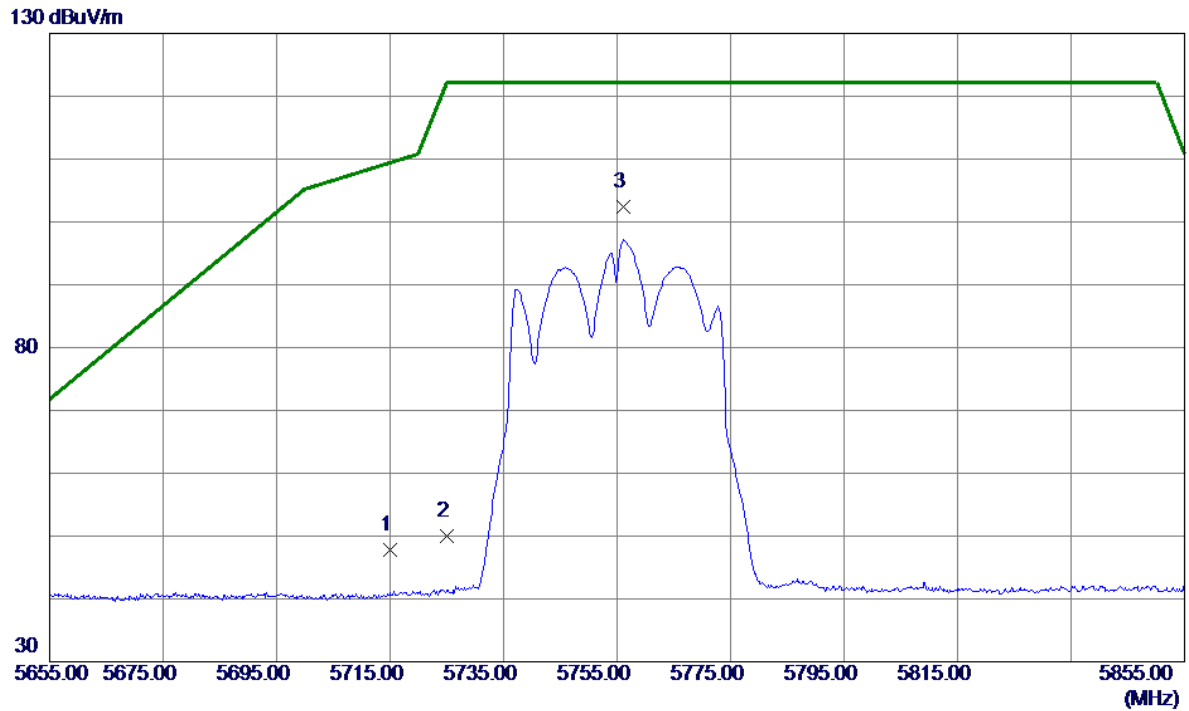


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11649.6600	47.48	8.56	56.04	74.00	-17.96	Peak	
2 *	11649.9000	42.23	8.56	50.79	54.00	-3.21	AVG	

REMARKS:

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

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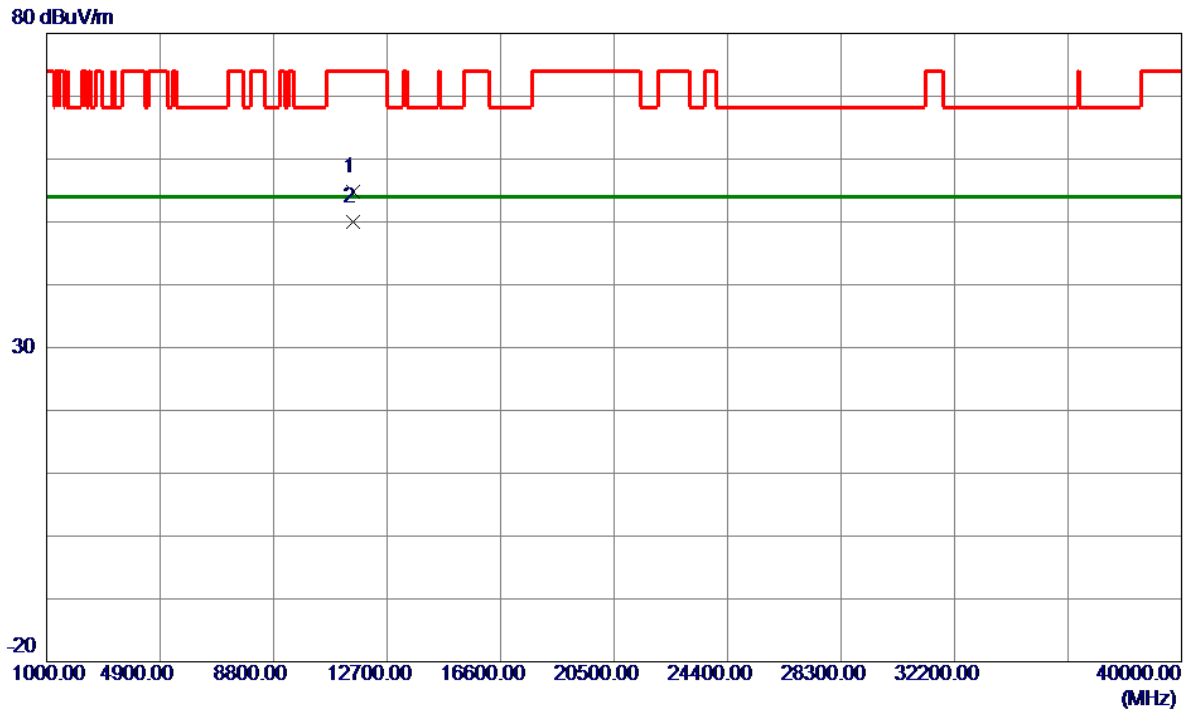


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	34.19	13.60	47.79	109.40	-61.61	Peak	
2	5725.0000	36.28	13.63	49.91	122.20	-72.29	Peak	
3 *	5756.2000	88.66	13.73	102.39	122.20	-19.81	Peak	No Limit

REMARKS:

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

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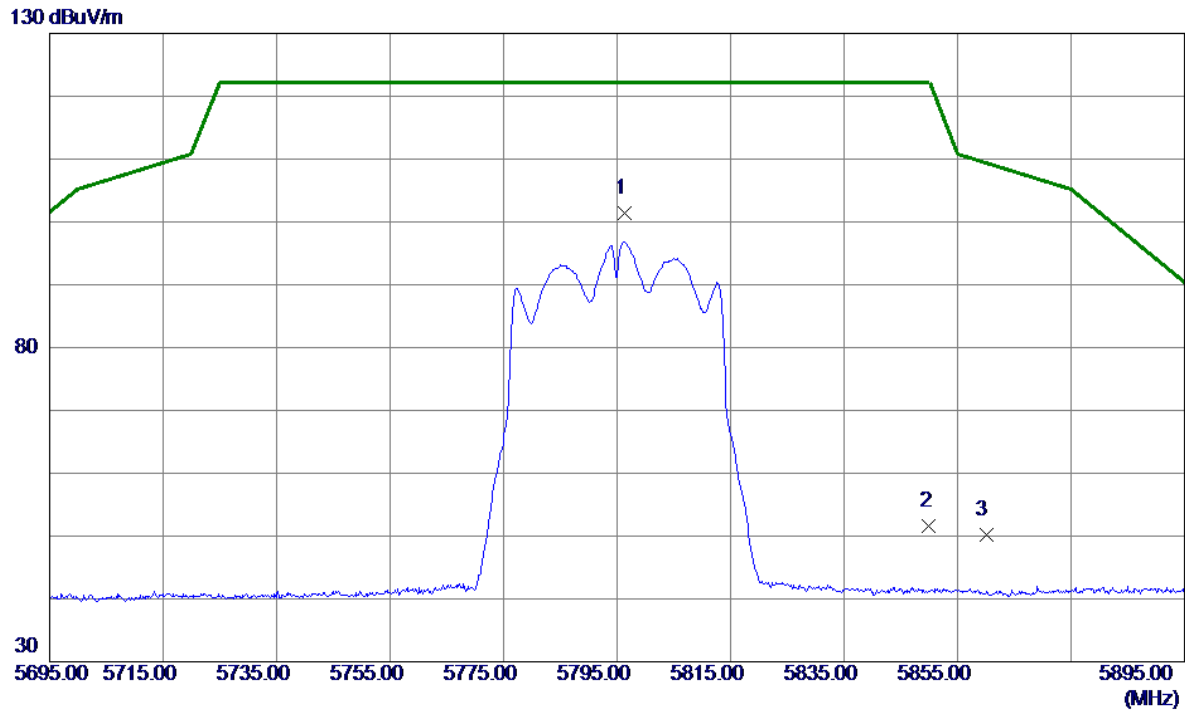


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11509.8900	46.15	8.68	54.83	74.00	-19.17	Peak	
2 *	11509.9200	41.29	8.68	49.97	54.00	-4.03	AVG	

REMARKS:

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

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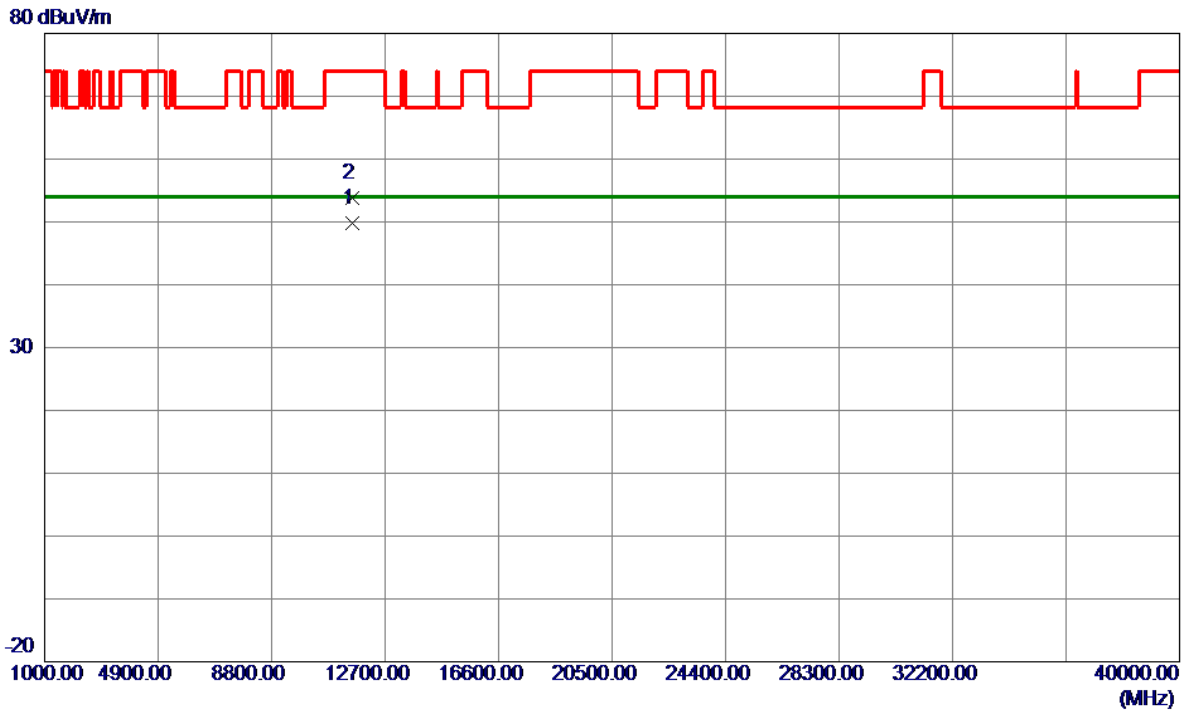


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5796.4000	87.51	13.85	101.36	122.20	-20.84	Peak	No Limit
2	5850.0000	37.60	14.02	51.62	122.20	-70.58	Peak	
3	5860.0000	36.19	14.05	50.24	109.40	-59.16	Peak	

REMARKS:

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

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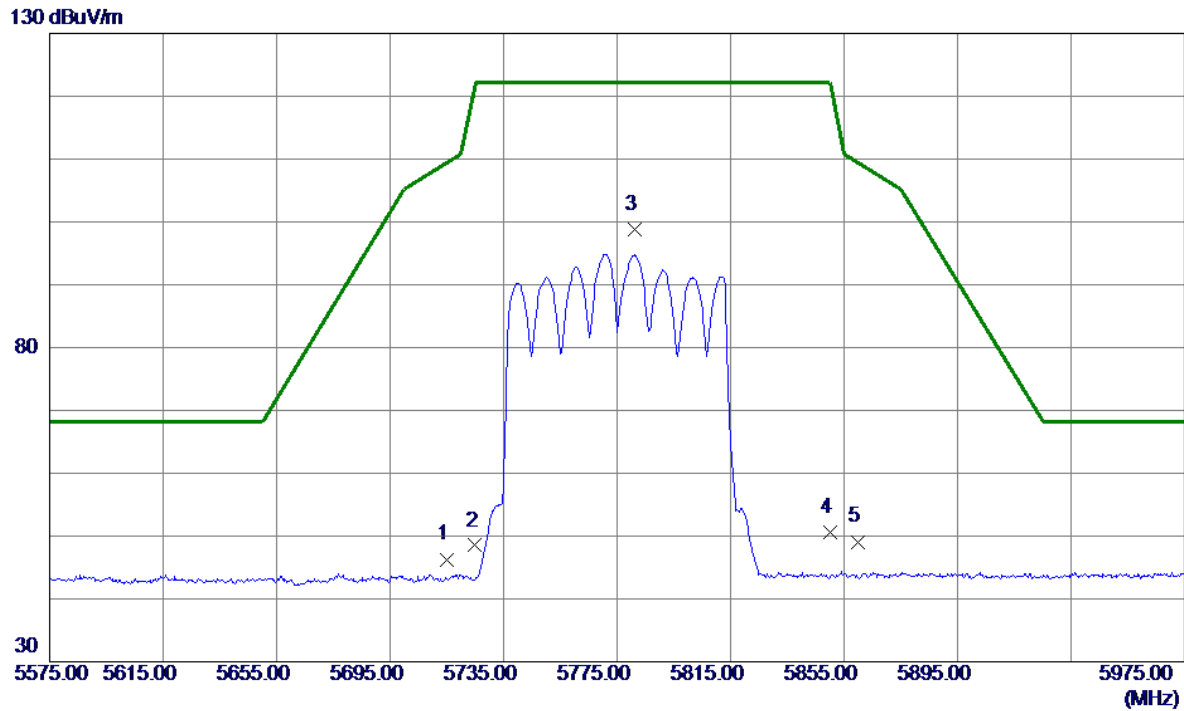


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11589.8700	41.11	8.61	49.72	54.00	-4.28	AVG	
2	11589.9500	45.19	8.61	53.80	74.00	-20.20	Peak	

REMARKS:

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

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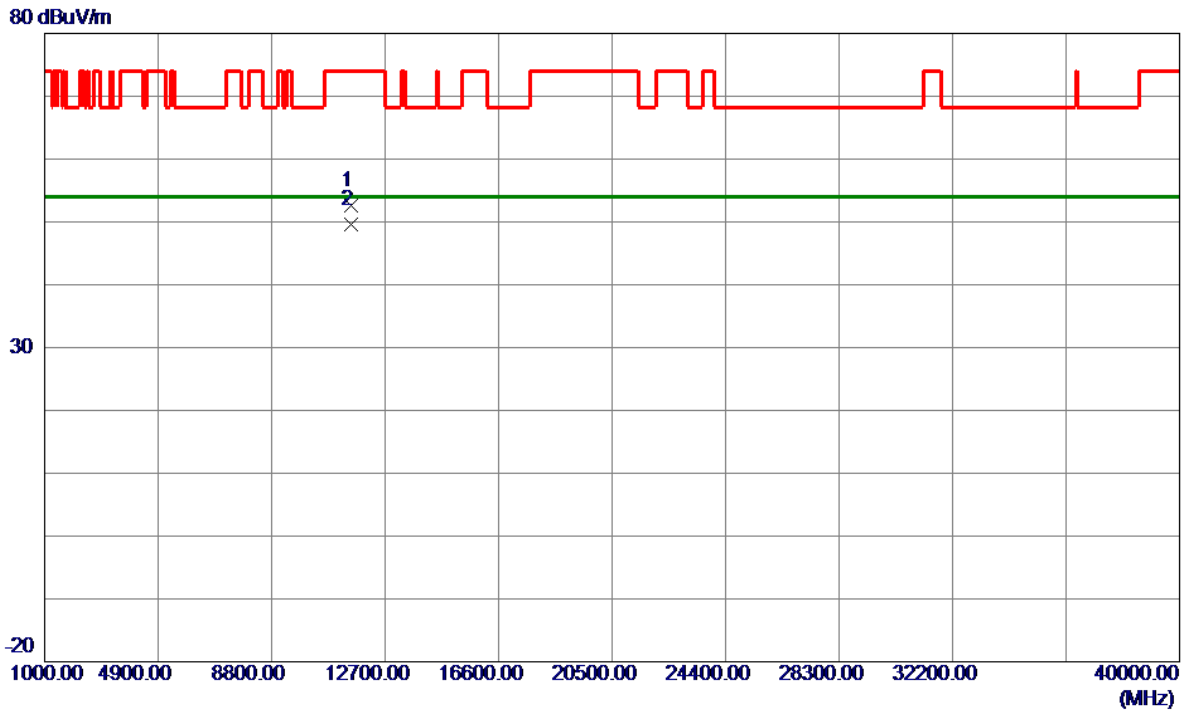


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	32.70	13.60	46.30	109.40	-63.10	Peak	
2	5725.0000	34.87	13.63	48.50	122.20	-73.70	Peak	
3 *	5781.2000	84.93	13.81	98.74	122.20	-23.46	Peak	No Limit
4	5850.0000	36.57	14.02	50.59	122.20	-71.61	Peak	
5	5860.0000	35.05	14.05	49.10	109.40	-60.30	Peak	

REMARKS:

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

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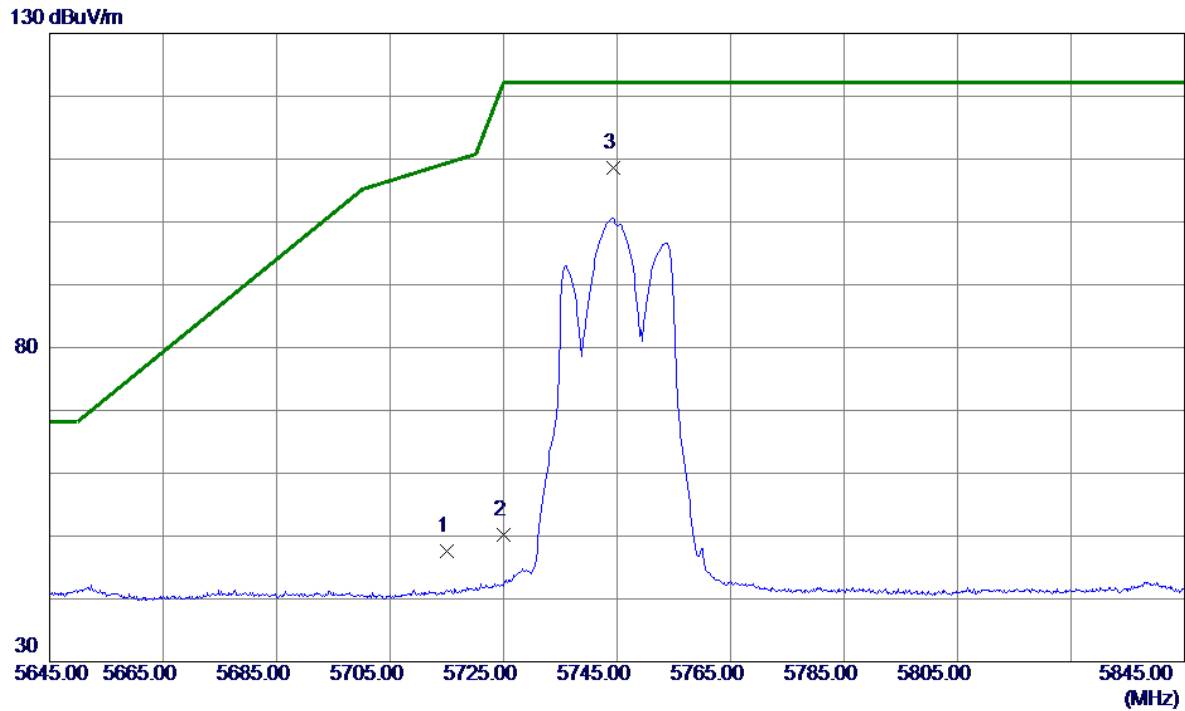


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11549.7500	43.97	8.64	52.61	74.00	-21.39	Peak	
2 *	11549.8800	40.89	8.64	49.53	54.00	-4.47	AVG	

REMARKS:

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

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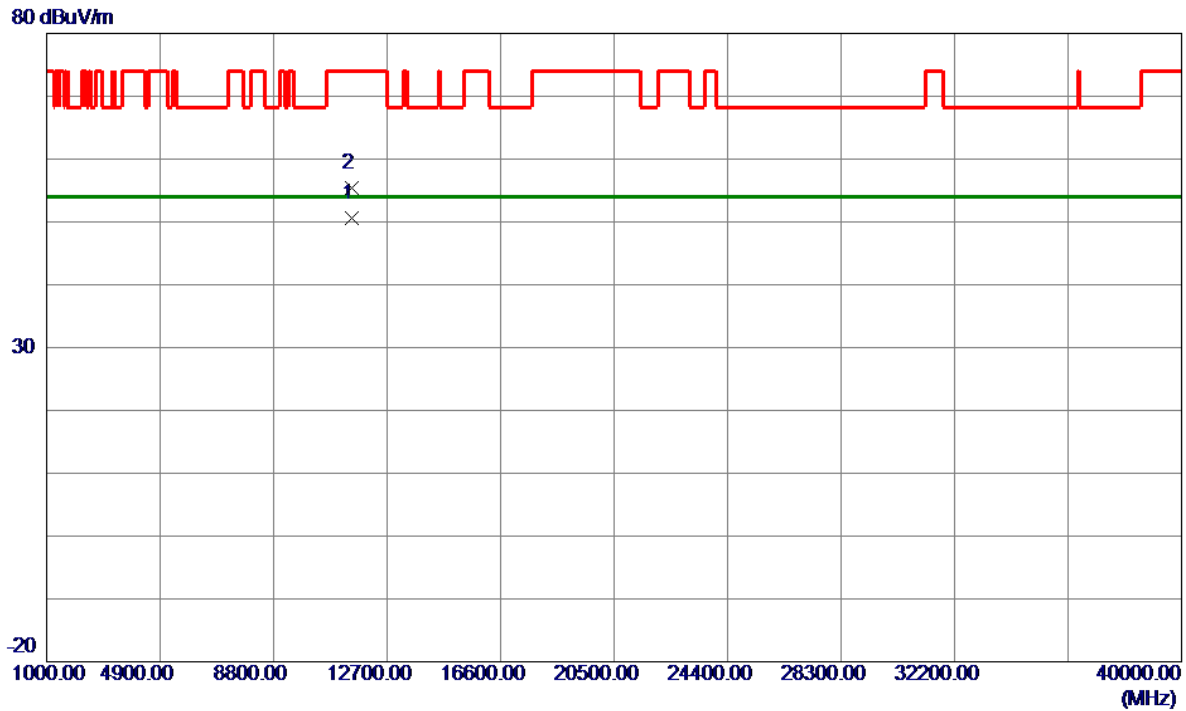


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	34.05	13.60	47.65	109.40	-61.75	Peak	
2	5725.0000	36.65	13.63	50.28	122.20	-71.92	Peak	
3 *	5744.3000	94.94	13.69	108.63	122.20	-13.57	Peak	No Limit

REMARKS:

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

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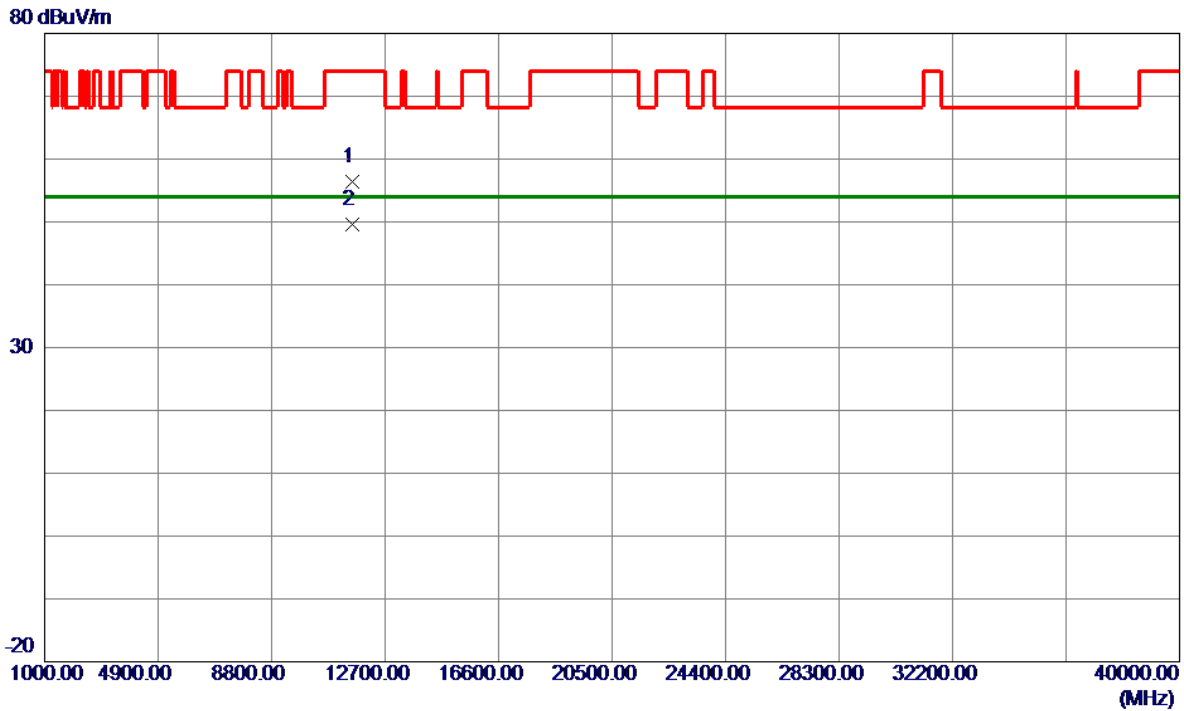


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11489.9600	41.88	8.67	50.55	54.00	-3.45	AVG	
2	11490.0900	46.81	8.67	55.48	74.00	-18.52	Peak	

REMARKS:

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

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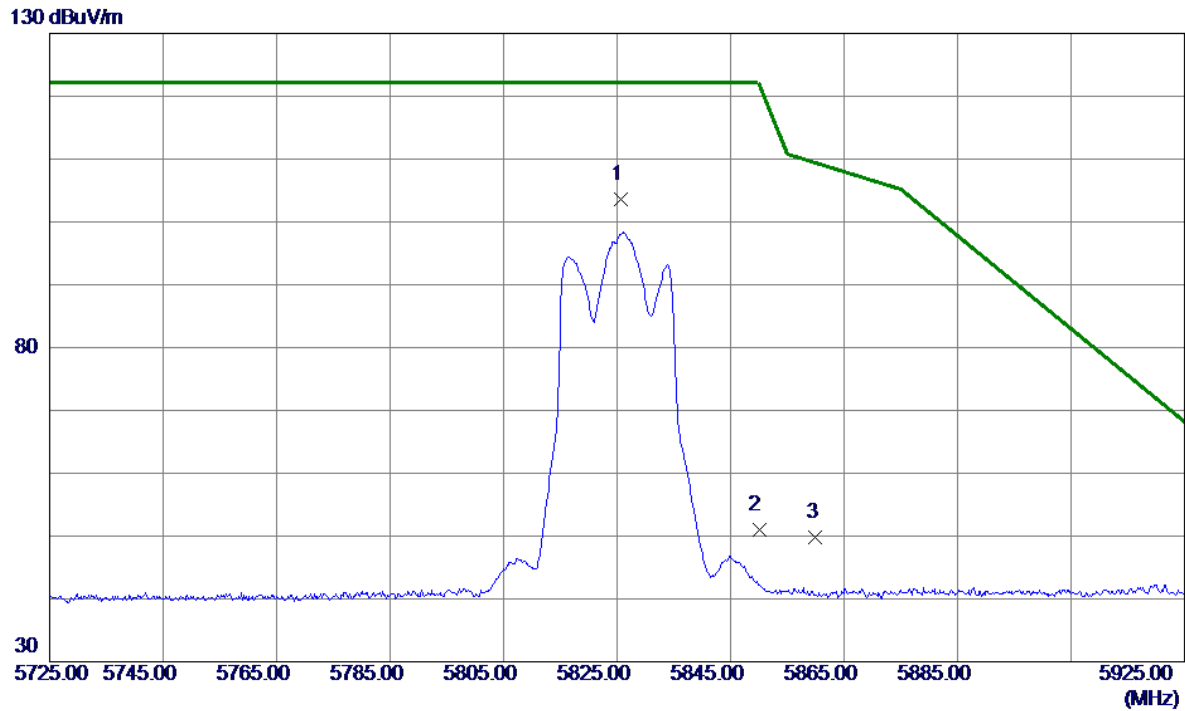


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11569.8800	47.74	8.63	56.37	74.00	-17.63	Peak	
2 *	11569.9000	41.05	8.63	49.68	54.00	-4.32	AVG	

REMARKS:

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

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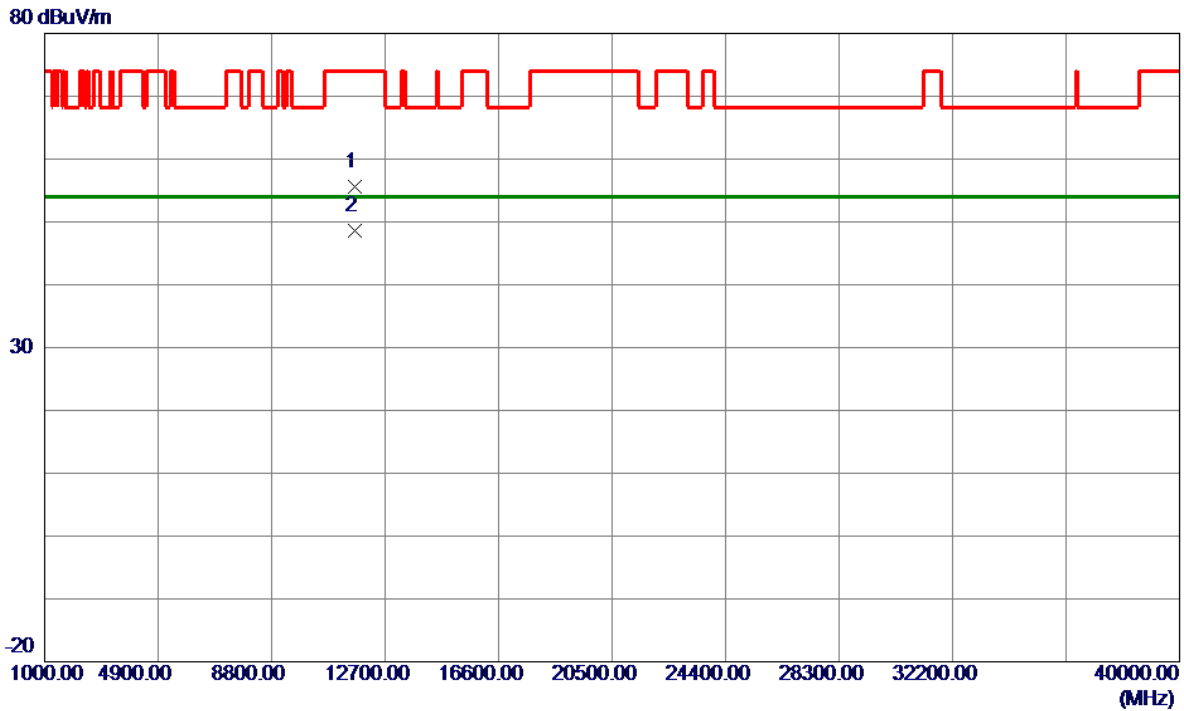


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5825.7000	89.63	13.94	103.57	122.20	-18.63	Peak	No Limit
2	5850.0000	37.00	14.02	51.02	122.20	-71.18	Peak	
3	5860.0000	35.78	14.05	49.83	109.40	-59.57	Peak	

REMARKS:

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

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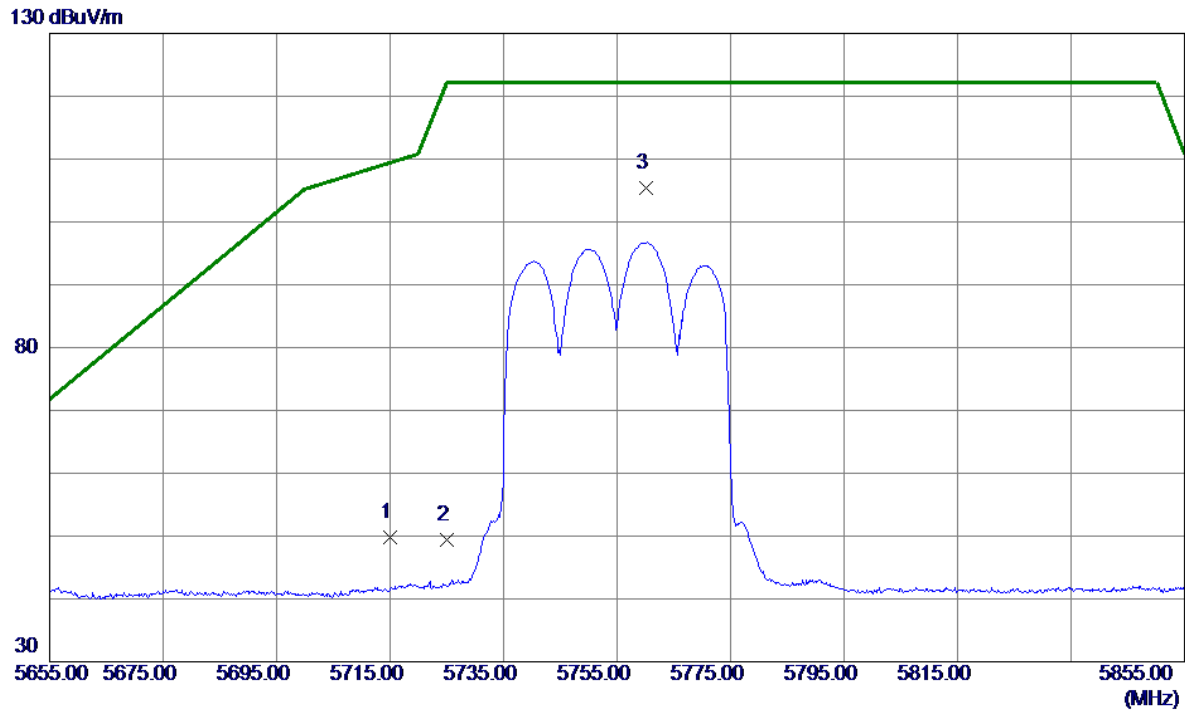


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11649.8700	47.04	8.56	55.60	74.00	-18.40	Peak	
2 *	11649.9100	40.06	8.56	48.62	54.00	-5.38	AVG	

REMARKS:

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

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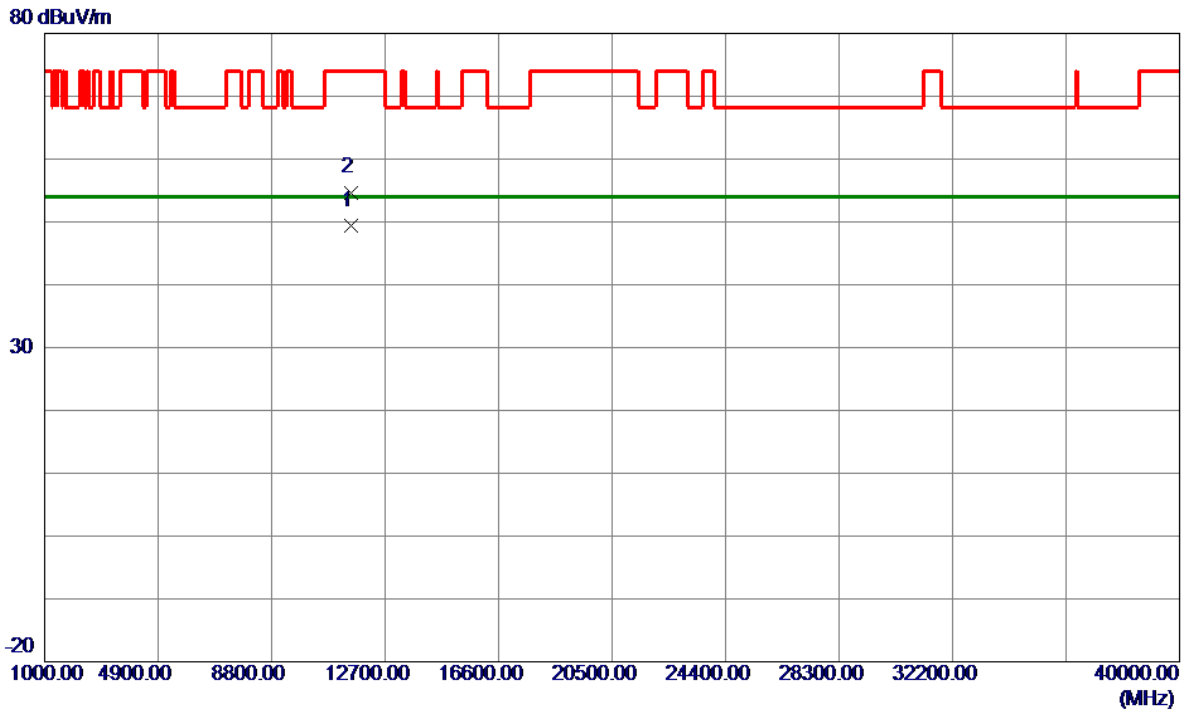


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	36.14	13.60	49.74	109.40	-59.66	Peak	
2	5725.0000	35.84	13.63	49.47	122.20	-72.73	Peak	
3 *	5760.2000	91.64	13.74	105.38	122.20	-16.82	Peak	No Limit

REMARKS:

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

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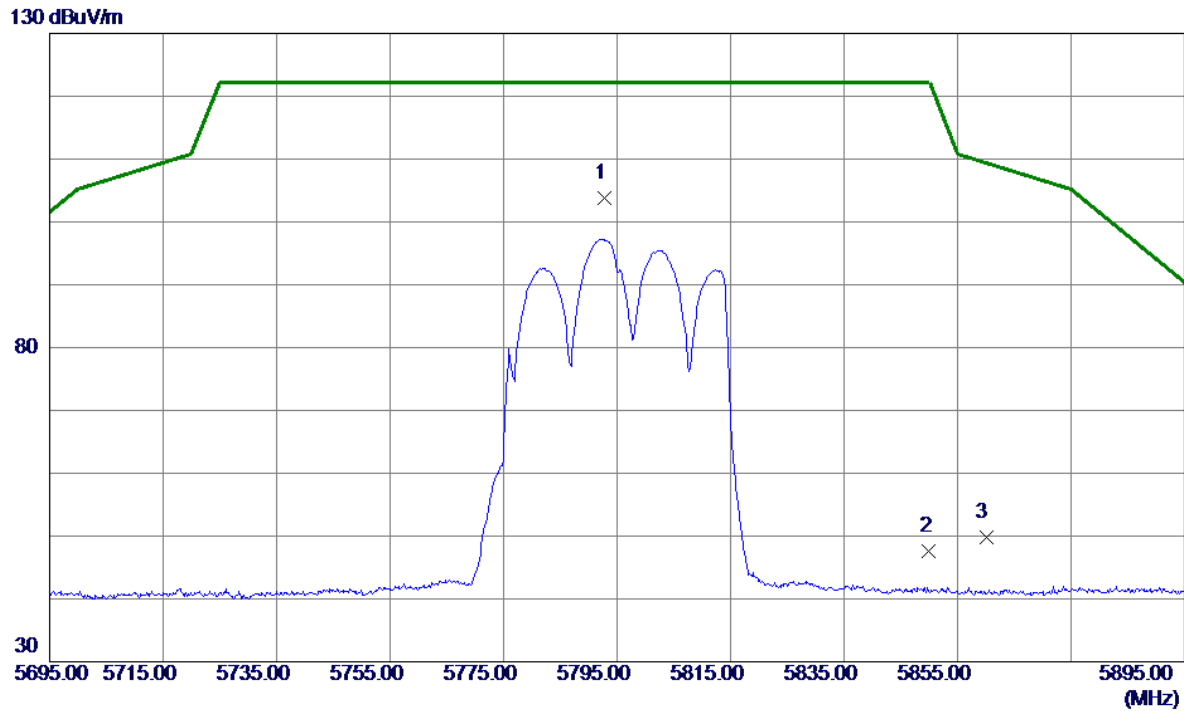


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11509.9800	40.75	8.68	49.43	54.00	-4.57	AVG	
2	11510.0800	46.02	8.68	54.70	74.00	-19.30	Peak	

REMARKS:

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

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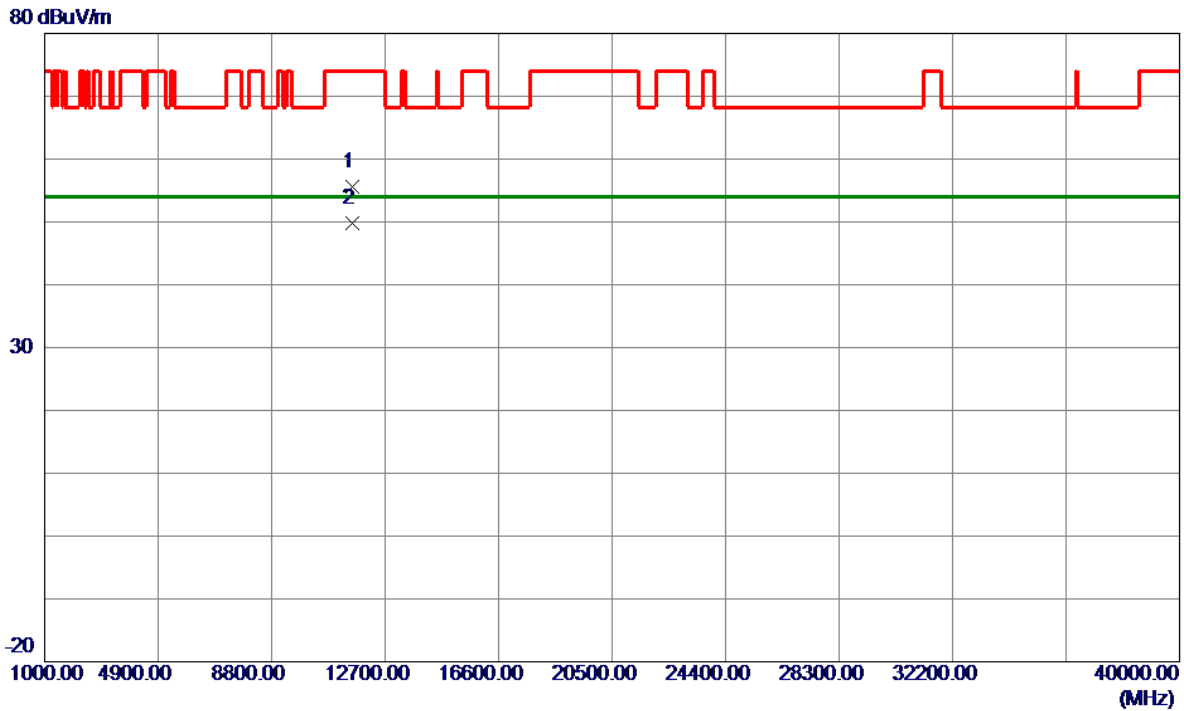


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5792.7000	89.91	13.84	103.75	122.20	-18.45	Peak	No Limit
2	5850.0000	33.53	14.02	47.55	122.20	-74.65	Peak	
3	5860.0000	35.75	14.05	49.80	109.40	-59.60	Peak	

REMARKS:

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

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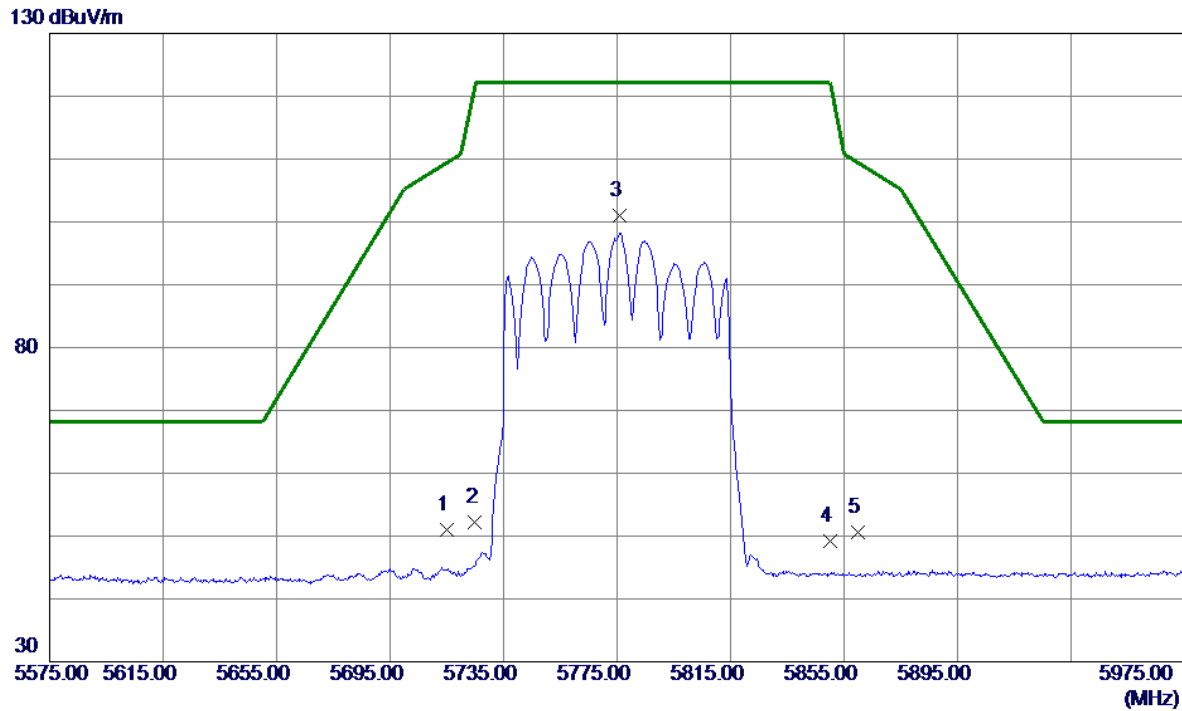


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11589.8600	46.91	8.61	55.52	74.00	-18.48	Peak	
2 *	11589.8600	41.23	8.61	49.84	54.00	-4.16	AVG	

REMARKS:

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

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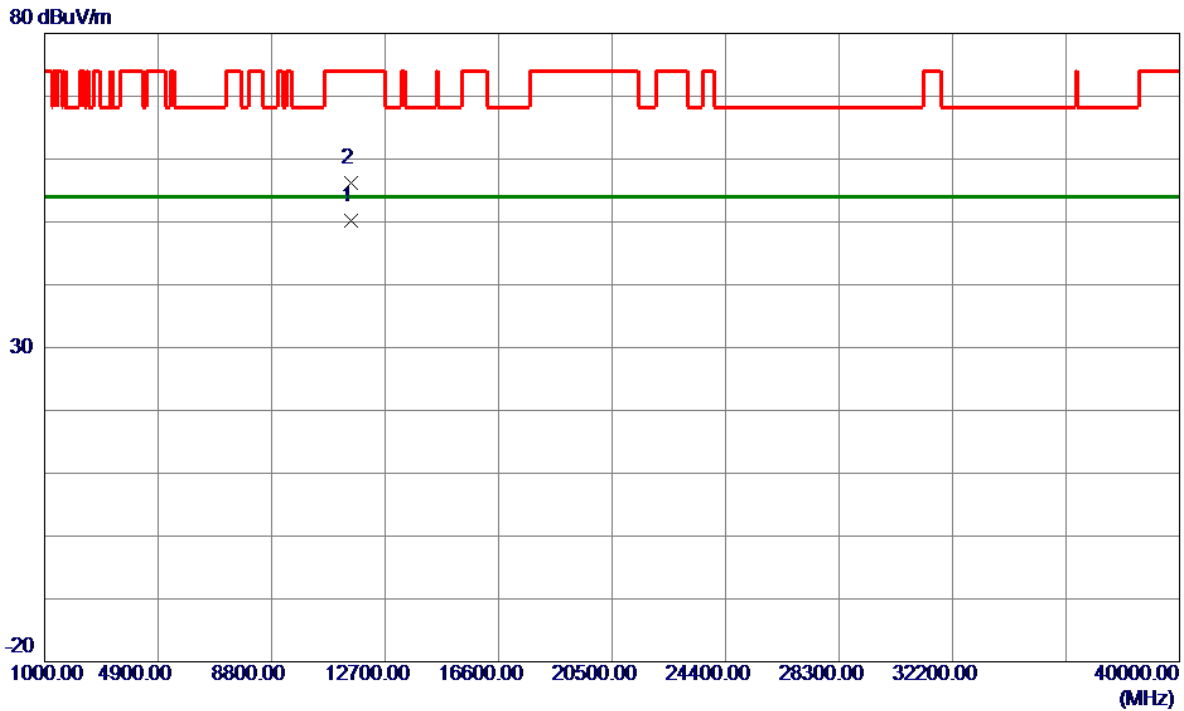


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	37.35	13.60	50.95	109.40	-58.45	Peak	
2	5725.0000	38.61	13.63	52.24	122.20	-69.96	Peak	
3 *	5775.8000	87.19	13.79	100.98	122.20	-21.22	Peak	No Limit
4	5850.0000	35.11	14.02	49.13	122.20	-73.07	Peak	
5	5860.0000	36.56	14.05	50.61	109.40	-58.79	Peak	

REMARKS:

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

Test Mode	UNII-3_TX AX(HE80) Mode 5775 MHz	Polarization	Vertical
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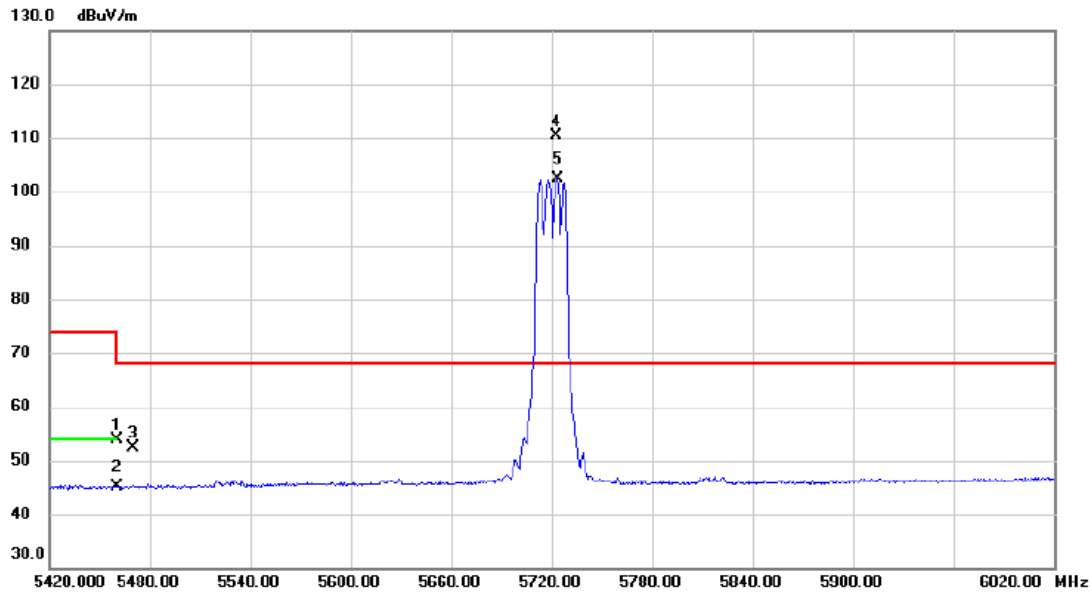
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11549.9200	41.49	8.64	50.13	54.00	-3.87	AVG	
2	11549.9500	47.50	8.64	56.14	74.00	-17.86	Peak	

REMARKS:

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

Straddle Channel:

Test Mode	UNII-2C_TX A Mode 5720 MHz	Polarization	Vertical
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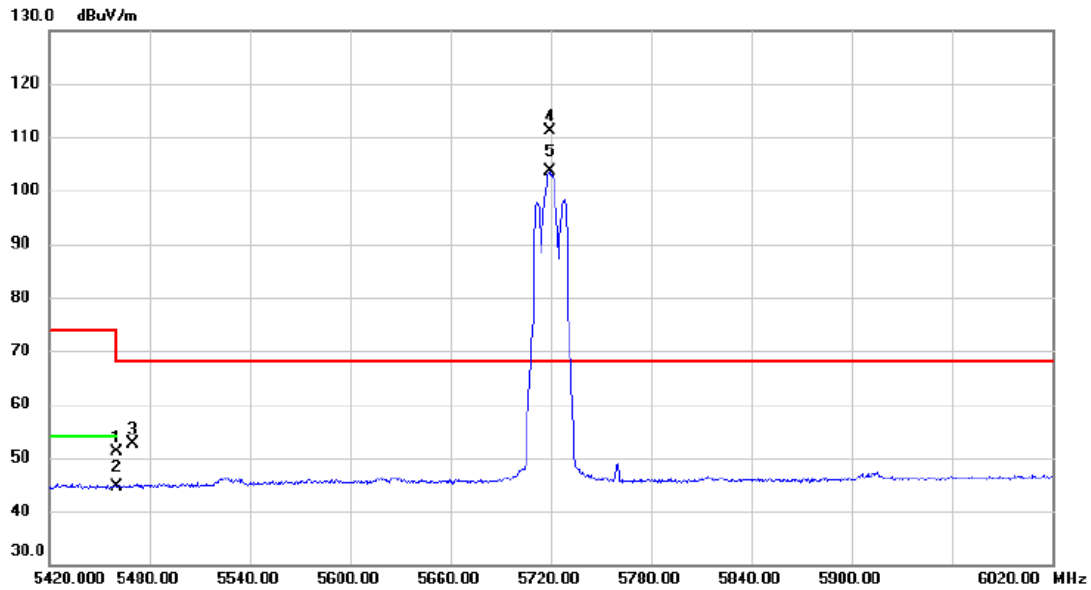


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	38.04	15.75	53.79	74.00	-20.21	peak	
2		5460.000	29.39	15.75	45.14	54.00	-8.86	AVG	
3		5470.000	36.51	15.77	52.28	68.20	-15.92	peak	
4	*	5723.000	93.72	16.56	110.28	68.20	42.08	peak	No Limit
5	X	5723.600	85.72	16.56	102.28	68.20	34.08	AVG	No Limit

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) Straddle channels 138, 142 and 144 are considered to be operating in both U-NII-2C and U-NII-3.
The worst case out-of-band emission limit, i.e., -27 dBm/MHz peak EIRP, applies at the band edges.
The band edges are considered to be 5.47 GHz and 5.85 GHz. In addition, the actual limit of the U-NII-3's band edge 5.850GHz is 122.20dBuV/m, so the result of this item should be pass.

Test Mode	UNII-2C_TX AC(VHT20) Mode 5720 MHz	Polarization	Vertical
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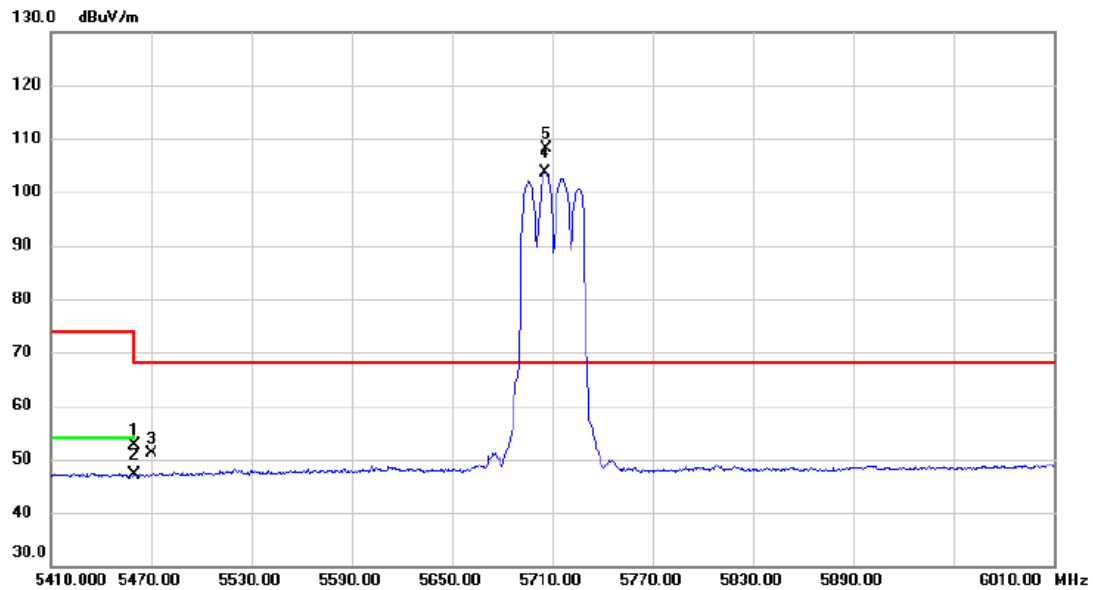


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	35.35	15.75	51.10	74.00	-22.90	peak	
2		5460.000	28.95	15.75	44.70	54.00	-9.30	AVG	
3		5470.000	36.88	15.77	52.65	68.20	-15.55	peak	
4	*	5719.400	94.46	16.55	111.01	68.20	42.81	peak	No Limit
5	X	5719.400	87.04	16.55	103.59	68.20	35.39	AVG	No Limit

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) Straddle channels 138, 142 and 144 are considered to be operating in both U-NII-2C and U-NII-3.
The worst case out-of-band emission limit, i.e., -27 dBm/MHz peak EIRP, applies at the band edges.
The band edges are considered to be 5.47 GHz and 5.85 GHz. In addition, the actual limit of the U-NII-3's band edge 5.850GHz is 122.20dBuV/m, so the result of this item should be pass.

Test Mode	UNII-2C_TX AC(VHT40) Mode 5710 MHz	Polarization	Vertical
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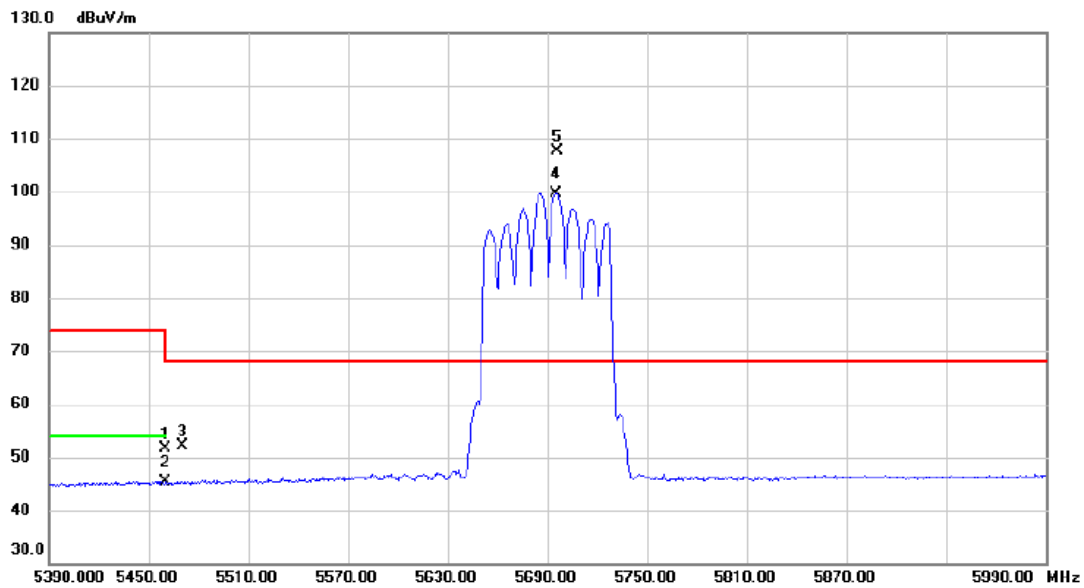


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	36.77	15.75	52.52	74.00	-21.48	peak	
2		5460.000	31.46	15.75	47.21	54.00	-6.79	AVG	
3		5470.000	35.31	15.77	51.08	68.20	-17.12	peak	
4	X	5705.800	87.18	16.50	103.68	68.20	35.48	AVG	No Limit
5	*	5706.400	91.72	16.50	108.22	68.20	40.02	peak	No Limit

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) Straddle channels 138, 142 and 144 are considered to be operating in both U-NII-2C and U-NII-3.
The worst case out-of-band emission limit, i.e., -27 dBm/MHz peak EIRP, applies at the band edges.
The band edges are considered to be 5.47 GHz and 5.85 GHz. In addition, the actual limit of the U-NII-3's band edge 5.850GHz is 122.20dBuV/m, so the result of this item should be pass.

Test Mode	UNII-2C_TX AC(VHT80) Mode 5690 MHz	Polarization	Vertical
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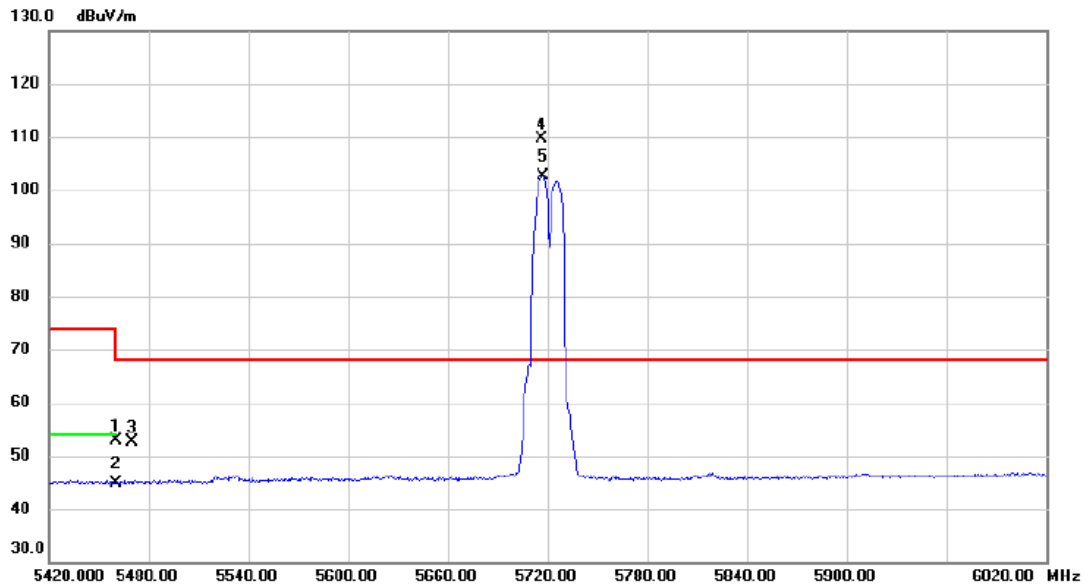


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	35.86	15.75	51.61	74.00	-22.39	peak	
2		5460.000	29.56	15.75	45.31	54.00	-8.69	AVG	
3		5470.000	36.45	15.77	52.22	68.20	-15.98	peak	
4	X	5695.400	83.25	16.48	99.73	68.20	31.53	AVG	No Limit
5	*	5696.000	91.05	16.48	107.53	68.20	39.33	peak	No Limit

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) Straddle channels 138, 142 and 144 are considered to be operating in both U-NII-2C and U-NII-3.
The worst case out-of-band emission limit, i.e., -27 dBm/MHz peak EIRP, applies at the band edges.
The band edges are considered to be 5.47 GHz and 5.85 GHz. In addition, the actual limit of the U-NII-3's band edge 5.850GHz is 122.20dBuV/m, so the result of this item should be pass.

Test Mode	UNII-2C_TX AX(HE20) Mode 5720 MHz	Polarization	Vertical
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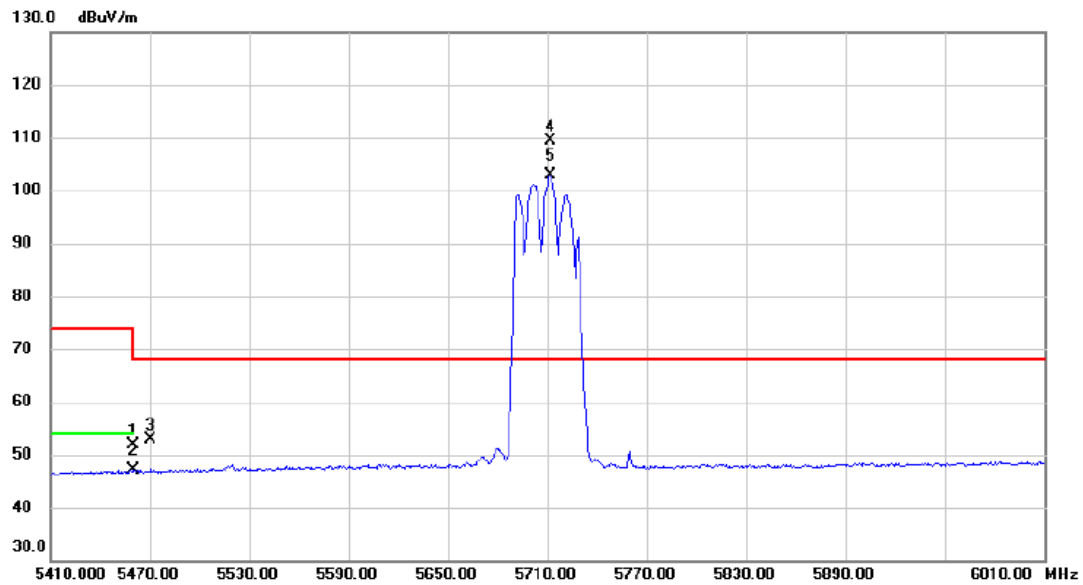


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	37.09	15.75	52.84	74.00	-21.16	peak	
2		5460.000	29.03	15.75	44.78	54.00	-9.22	AVG	
3		5470.000	36.78	15.77	52.55	68.20	-15.65	peak	
4	*	5716.400	93.11	16.54	109.65	68.20	41.45	peak	No Limit
5	X	5717.000	86.18	16.54	102.72	68.20	34.52	AVG	No Limit

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) Straddle channels 138, 142 and 144 are considered to be operating in both U-NII-2C and U-NII-3.
The worst case out-of-band emission limit, i.e., -27 dBm/MHz peak EIRP, applies at the band edges.
The band edges are considered to be 5.47 GHz and 5.85 GHz. In addition, the actual limit of the U-NII-3's band edge 5.850GHz is 122.20dBuV/m, so the result of this item should be pass.

Test Mode	UNII-2C_TX AX(HE40) Mode 5710 MHz	Polarization	Vertical
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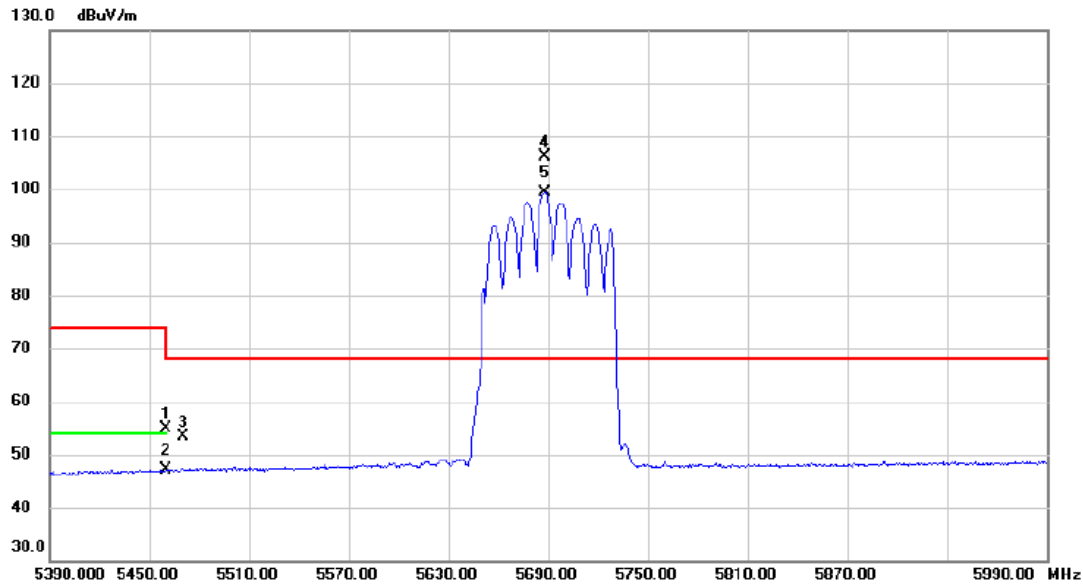


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	36.09	15.75	51.84	74.00	-22.16	peak	
2		5460.000	31.35	15.75	47.10	54.00	-6.90	AVG	
3		5470.000	37.01	15.77	52.78	68.20	-15.42	peak	
4	*	5711.800	92.89	16.52	109.41	68.20	41.21	peak	No Limit
5	X	5711.800	86.44	16.52	102.96	68.20	34.76	AVG	No Limit

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) Straddle channels 138, 142 and 144 are considered to be operating in both U-NII-2C and U-NII-3.
The worst case out-of-band emission limit, i.e., -27 dBm/MHz peak EIRP, applies at the band edges.
The band edges are considered to be 5.47 GHz and 5.85 GHz. In addition, the actual limit of the U-NII-3's band edge 5.850GHz is 122.20dBuV/m, so the result of this item should be pass.

Test Mode	UNII-2C_TX AX(HE80) Mode 5690 MHz	Polarization	Vertical
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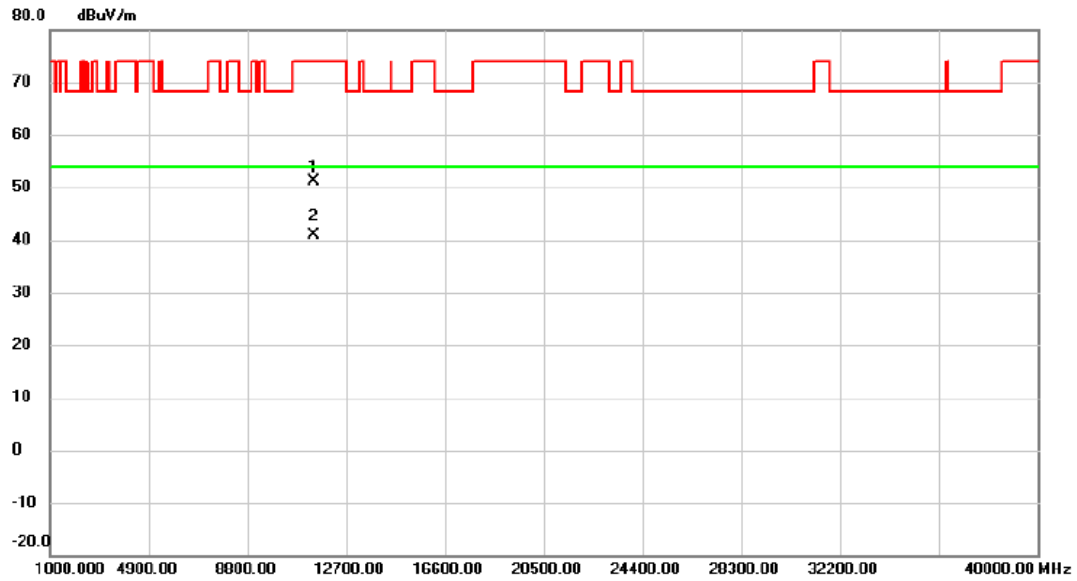


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	39.01	15.75	54.76	74.00	-19.24	peak	
2		5460.000	31.26	15.75	47.01	54.00	-6.99	AVG	
3		5470.000	37.51	15.77	53.28	68.20	-14.92	peak	
4	*	5688.200	89.78	16.45	106.23	68.20	38.03	peak	No Limit
5	X	5688.200	82.93	16.45	99.38	68.20	31.18	AVG	No Limit

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) Straddle channels 138, 142 and 144 are considered to be operating in both U-NII-2C and U-NII-3.
The worst case out-of-band emission limit, i.e., -27 dBm/MHz peak EIRP, applies at the band edges.
The band edges are considered to be 5.47 GHz and 5.85 GHz. In addition, the actual limit of the U-NII-3's band edge 5.850GHz is 122.20dBuV/m, so the result of this item should be pass.

Test Mode	TX A Mode 5720 MHz	Polarization	Vertical
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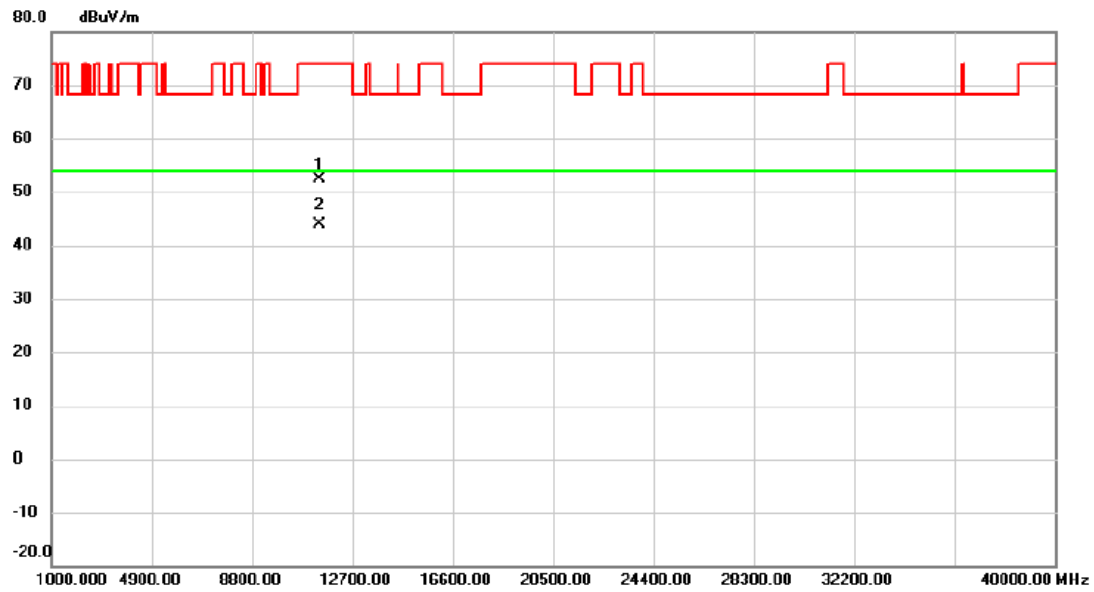


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11438.24	37.81	13.27	51.08	74.00	-22.92	peak	
2	*	11440.85	27.68	13.28	40.96	54.00	-13.04	AVG	

REMARKS:

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

Test Mode	TX AC(VHT20) Mode 5720 MHz	Polarization	Vertical
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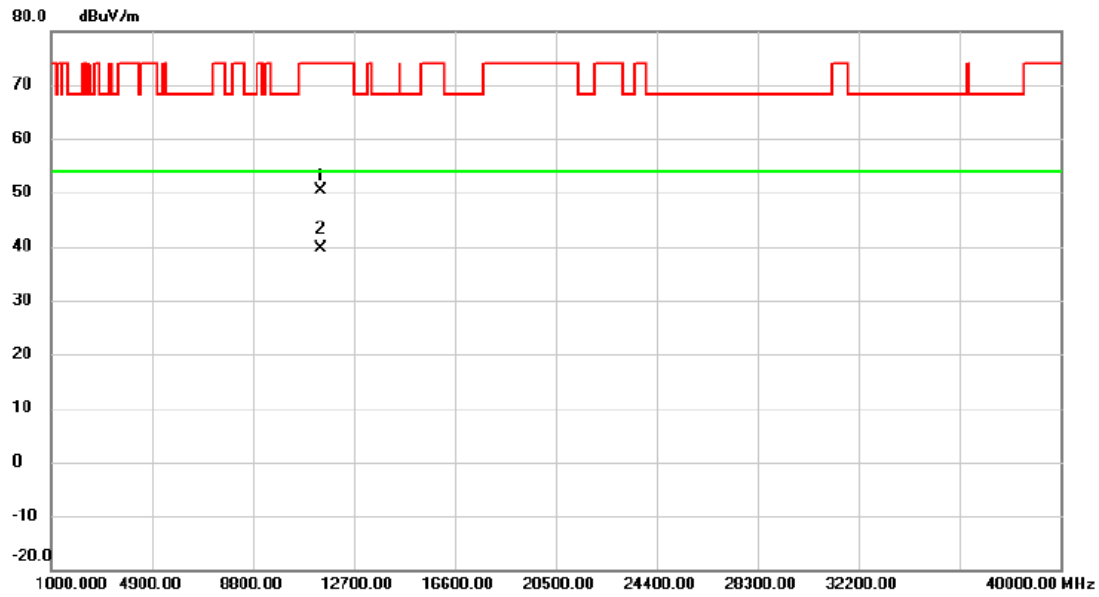


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11439.52	39.21	13.28	52.49	74.00	-21.51	peak	
2	*	11439.90	30.52	13.28	43.80	54.00	-10.20	AVG	

REMARKS:

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

Test Mode	TX AC(VHT40) Mode 5710 MHz	Polarization	Vertical
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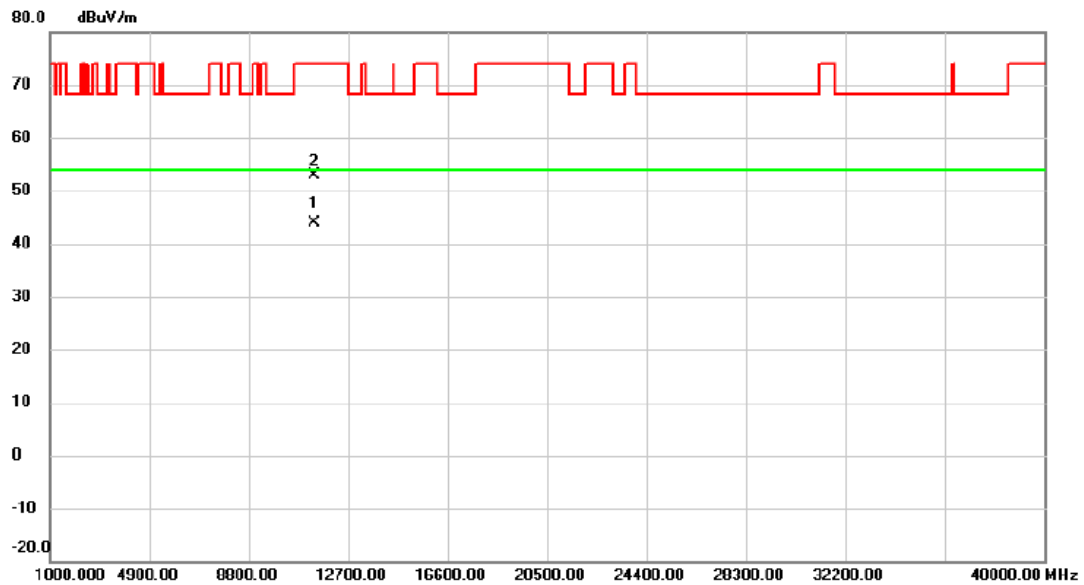


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11419.78	37.18	13.24	50.42	74.00	-23.58	peak	
2	*	11420.44	26.36	13.24	39.60	54.00	-14.40	AVG	

REMARKS:

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

Test Mode	TX AC(VHT80) Mode 5690 MHz	Polarization	Vertical
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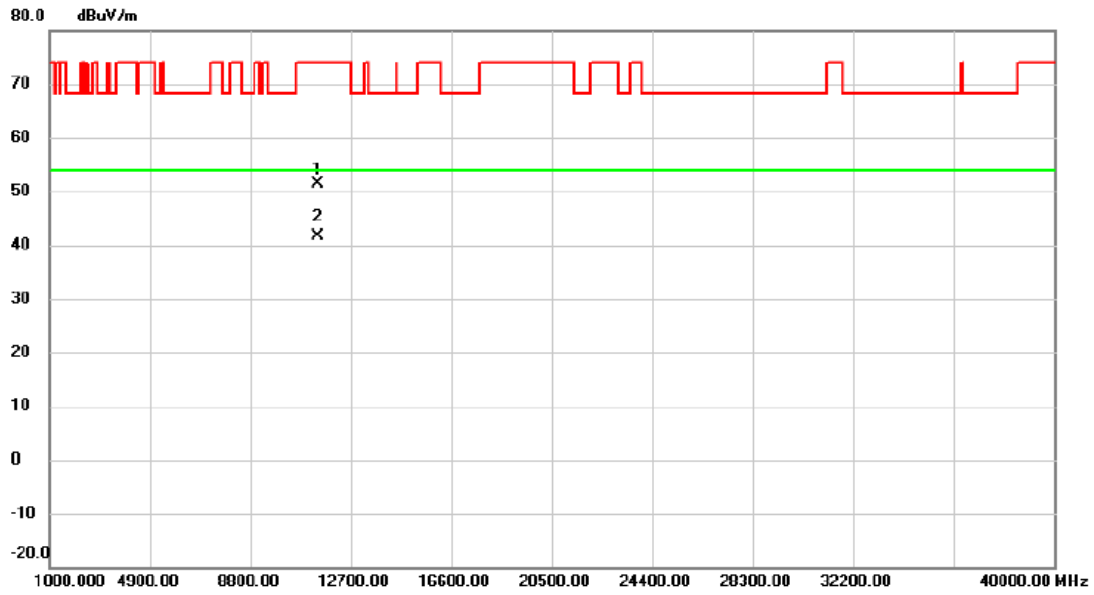


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	11379.92	30.70	13.19	43.89	54.00	-10.11	AVG	
2		11380.14	39.80	13.19	52.99	74.00	-21.01	peak	

REMARKS:

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

Test Mode	TX AX(HE20) Mode 5720 MHz	Polarization	Vertical
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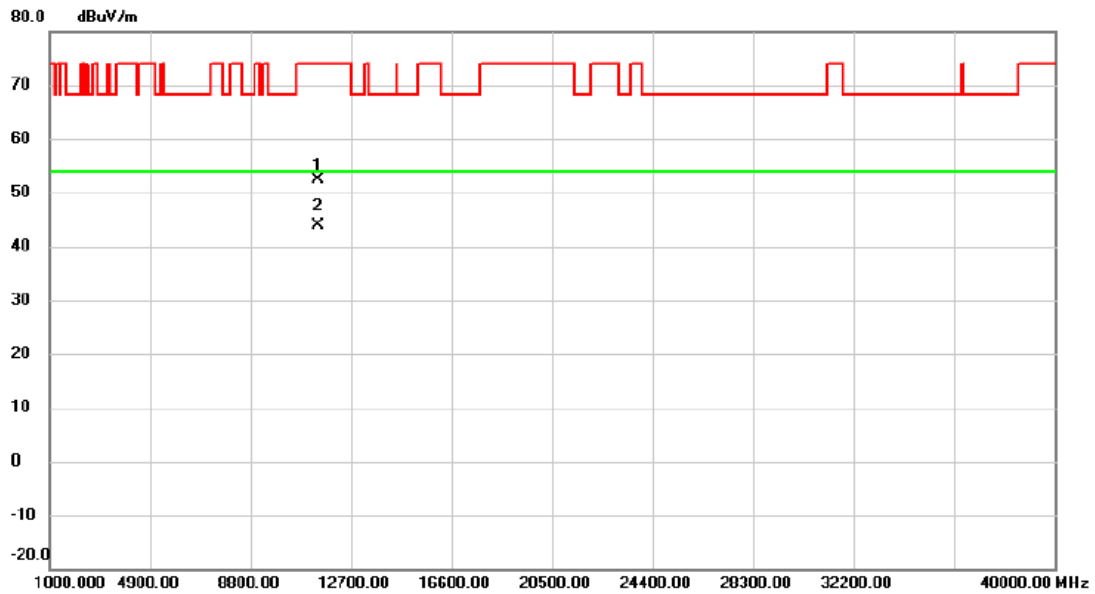


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11439.55	38.17	13.28	51.45	74.00	-22.55	peak	
2	*	11439.89	28.27	13.28	41.55	54.00	-12.45	AVG	

REMARKS:

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

Test Mode	TX AX(HE40) Mode 5710 MHz	Polarization	Vertical
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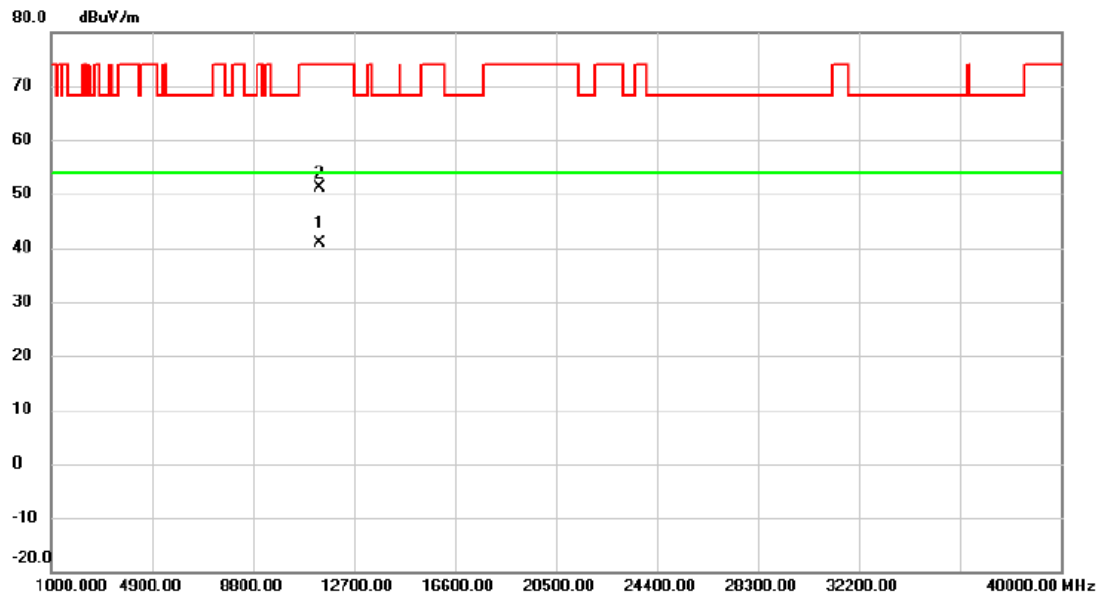


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11439.52	39.21	13.28	52.49	74.00	-21.51	peak	
2	*	11439.90	30.52	13.28	43.80	54.00	-10.20	AVG	

REMARKS:

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

Test Mode	TX AX(HE80) Mode 5690 MHz	Polarization	Vertical
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	11379.85	27.61	13.19	40.80	54.00	-13.20	AVG	
2		11380.13	37.94	13.19	51.13	74.00	-22.87	peak	

REMARKS:

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

APPENDIX E - BANDWIDTH