

# FCC Radio Test Report

## FCC ID: 2AXJ4WA3001

This report concerns: **Original Grant**

**Project No.** : 2112C158  
**Equipment** : AX3000 Gigabit Wi-Fi 6 Access Point  
**Brand Name** : tp-link  
**Test Model** : TL-WA3001  
**Series Model** : N/A  
**Applicant** : TP-Link Corporation Limited  
**Address** : Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,  
Tsim Sha Tsui, Kowloon, Hong Kong  
**Manufacturer** : TP-Link Corporation Limited  
**Address** : Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,  
Tsim Sha Tsui, Kowloon, Hong Kong  
**Date of Receipt** : Dec. 30, 2021  
**Date of Test** : Jan. 04, 2022 ~ Feb. 17, 2022  
**Issued Date** : Apr. 01, 2022  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: DG2021123040 for conducted, DG2021123042  
for radiated.  
**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 above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

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TESTING CERT #5123.02

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

**Limitation**

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

<b>Table of Contents</b>	<b>Page</b>
<b>REPORT ISSUED HISTORY</b>	<b>6</b>
<b>1 . SUMMARY OF TEST RESULTS</b>	<b>7</b>
1.1 TEST FACILITY	8
1.2 MEASUREMENT UNCERTAINTY	8
1.3 TEST ENVIRONMENT CONDITIONS	9
<b>2 . GENERAL INFORMATION</b>	<b>10</b>
2.1 GENERAL DESCRIPTION OF EUT	10
2.2 TEST MODES	14
2.3 PARAMETERS OF TEST SOFTWARE	19
2.4 DUTY CYCLE	20
2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	23
2.6 SUPPORT UNITS	23
<b>3 . AC POWER LINE CONDUCTED EMISSIONS</b>	<b>24</b>
3.1 LIMIT	24
3.2 TEST PROCEDURE	24
3.3 DEVIATION FROM TEST STANDARD	24
3.4 TEST SETUP	25
3.5 EUT OPERATION CONDITIONS	25
3.6 TEST RESULTS	25
<b>4 . RADIATED EMISSIONS</b>	<b>26</b>
4.1 LIMIT	26
4.2 TEST PROCEDURE	27
4.3 DEVIATION FROM TEST STANDARD	28
4.4 TEST SETUP	28
4.5 EUT OPERATION CONDITIONS	29
4.6 TEST RESULTS - 9 KHZ TO 30 MHZ	29
4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ	29
4.8 TEST RESULTS - ABOVE 1000 MHZ	29
<b>5 . BANDWIDTH</b>	<b>30</b>
5.1 LIMIT	30
5.2 TEST PROCEDURE	30
5.3 DEVIATION FROM STANDARD	30
5.4 TEST SETUP	31

<b>Table of Contents</b>	<b>Page</b>
5.5 EUT OPERATION CONDITIONS	31
5.6 TEST RESULTS	31
<b>6 . MAXIMUM OUTPUT POWER</b>	<b>32</b>
6.1 LIMIT	32
6.2 TEST PROCEDURE	32
6.3 DEVIATION FROM STANDARD	32
6.4 TEST SETUP	32
6.5 EUT OPERATION CONDITIONS	32
6.6 TEST RESULTS	32
<b>7 . POWER SPECTRAL DENSITY</b>	<b>33</b>
7.1 LIMIT	33
7.2 TEST PROCEDURE	33
7.3 DEVIATION FROM STANDARD	33
7.4 TEST SETUP	34
7.5 EUT OPERATION CONDITIONS	34
7.6 TEST RESULTS	34
<b>8 . FREQUENCY STABILITY</b>	<b>35</b>
8.1 LIMIT	35
8.2 TEST PROCEDURE	35
8.3 DEVIATION FROM STANDARD	35
8.4 TEST SETUP	35
8.5 EUT OPERATION CONDITIONS	35
8.6 TEST RESULTS	35
<b>9 . MEASUREMENT INSTRUMENTS LIST</b>	<b>36</b>
<b>10 . EUT TEST PHOTOS</b>	<b>38</b>
<b>APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS</b>	<b>43</b>
<b>APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ</b>	<b>46</b>
<b>APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ</b>	<b>51</b>
<b>APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ</b>	<b>54</b>
<b>APPENDIX E - BANDWIDTH</b>	<b>355</b>
<b>APPENDIX F - MAXIMUM OUTPUT POWER</b>	<b>388</b>
<b>APPENDIX G - POWER SPECTRAL DENSITY</b>	<b>449</b>

<b>Table of Contents</b>	<b>Page</b>
<b>APPENDIX H - FREQUENCY STABILITY</b>	<b>496</b>

**REPORT ISSUED HISTORY**

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2112C158	R00	Original Report	Apr. 01, 2022	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	APPENDIX H	PASS	-----
15.203	Antenna Requirements	-----	PASS	NOTE (2)
15.407(c)	Automatically Discontinue Transmission	-----	PASS	NOTE (3)

Note:

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

### 1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China.

BTL's Registration Number for FCC: 357015

BTL's Designation Number for FCC: CN1240

### 1.2 MEASUREMENT UNCERTAINTY

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

The BTL measurement uncertainty as below table:

#### A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.60

#### B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB01	CISPR	9kHz ~ 30MHz	2.36

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.36
		30MHz ~ 200MHz	H	3.32
		200MHz ~ 1,000MHz	V	4.08
		200MHz ~ 1,000MHz	H	3.96

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	3.80
		6GHz ~ 18GHz	4.82

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.62
		26.5 ~ 40 GHz	4.00



## C. Other Measurement test:

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

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

**1.3 TEST ENVIRONMENT CONDITIONS**

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	23°C	56%	AC 120V/60Hz	Rod Tang
Radiated Emissions-9kHz to 30MHz	18°C	50%	AC 120V/60Hz	Torocat Yuang
Radiated Emissions-30MHz to 1000MHz	21°C	54%	AC 120V/60Hz	Jakyri Wen
Radiated Emissions-Above 1000 MHz	21°C	54%	AC 120V/60Hz	Jakyri Wen
Bandwidth	20-23°C	53-55%	AC 120V/60Hz	Nicole Chen Longdage Feng
Maximum Output Power	21.9-23.6°C	47.6-48%	AC 120V/60Hz	Ansel Yang Jesse Wang
Power Spectral Density	20-23°C	53-55%	AC 120V/60Hz	Nicole Chen Longdage Feng
Frequency Stability	Normal & Extreme	53-55%	Normal & Extreme	Nicole Chen Longdage Feng

## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	AX3000 Gigabit Wi-Fi 6 Access Point
Brand Name	tp-link
Test Model	TL-WA3001
Series Model	N/A
Model Difference(s)	N/A
Power Source	1# DC voltage supplied from AC adapter. Model: T480050-2B1 2# Supplied from PoE.
Power Rating	1# I/P: 100-240V~ 50/60Hz 0.8A O/P: 48V $\equiv$ 0.5A 2# PoE 48V
Operation Frequency Band(s)	UNII-1: 5150 MHz ~ 5250 MHz UNII-2A: 5250 MHz ~ 5350 MHz UNII-2C: 5470 MHz ~ 5725 MHz UNII-3: 5725 MHz ~ 5850 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 1733.4 Mbps IEEE 802.11ax: up to 2402 Mbps
Maximum Output Power UNII-1 Non Beamforming	IEEE 802.11ac(VHT20): 25.66 dBm (0.3681 W)
Maximum Output Power UNII-2A Non Beamforming	IEEE 802.11ac(VHT40): 22.64 dBm (0.1837 W)
Maximum Output Power UNII-2C Non Beamforming	IEEE 802.11ac(VHT80): 23.70 dBm (0.2344 W)
Maximum Output Power UNII-3 Non Beamforming	IEEE 802.11ax(HE40): 25.55 dBm (0.3589 W)
Maximum Output Power UNII-1 Beamforming	IEEE 802.11ac(VHT20): 25.48 dBm (0.3532 W)
Maximum Output Power UNII-2A Beamforming	IEEE 802.11ac(VHT40): 22.33 dBm (0.1710 W)
Maximum Output Power UNII-2C Beamforming	IEEE 802.11ac(VHT80): 23.39 dBm (0.2183 W)
Maximum Output Power UNII-3 Beamforming	IEEE 802.11ax(HE40): 25.19 dBm (0.3304 W)

Note:

- 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 802.11ac(VHT20) IEEE 802.11ax(HE20)		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	tp-link	3101504478	Dipole	Weld	2.46
2	tp-link	3101504479	Dipole	Weld	2.46

#### Note:

- 1) This EUT supports CDD, and all antennas have the same gain, Directional gain =  $G_{ANT} + \text{Array Gain}$ . For power measurements, Array Gain=0dB ( $N_{ANT} \leq 4$ ), so the Directional gain=2.46 dBi. For power spectral density measurements,  $N_{ANT}=2$ ,  $N_{SS} = 1$ . So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 2.46 + 10\log(2/1)\text{dBi} = 5.47$  dBi.
- 2) Beamforming Gain: 3 dB. So the Directional gain= $3 + 2.46 = 5.46$  dBi.
- 3) The antenna gain and beamforming gain are provided by the manufacturer.

4. Table for Antenna Configuration:  
For Non Beamforming:

Operating Mode	TX Mode	2TX
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)

For Beamforming:

Operating Mode	TX Mode	2TX
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 AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 33	TX AC(VHT20) Mode Channel 40 (UNII-1)

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

<b>AC power line conducted emissions test</b>	
Final Test Mode	Description
Mode 33	TX AC(VHT20) Mode Channel 40 (UNII-1)

<b>Radiated Emissions Test - Below 1GHz</b>	
Final Test Mode	Description
Mode 33	TX AC(VHT20) Mode Channel 40 (UNII-1)

<b>Radiated Emissions Test - Above 1GHz_Non Beamforming</b>	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)

<b>Radiated Emissions Test - Above 1GHz_Non Beamforming</b>	
Final Test Mode	Description
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)

<b>Maximum Output Power_Non Beamforming</b>	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)



Maximum Output Power_Non Beamforming	
Final Test Mode	Description
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)

Maximum Output Power_Beamforming	
Final Test Mode	Description
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)

Maximum Output Power_Beamforming	
Final Test Mode	Description
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)

Other Conducted Test_Non Beamforming	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)

Other Conducted Test_Non Beamforming	
Final Test Mode	Description
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	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 AC(VHT20) Mode Channel 40 (UNII-1) is found to be the worst case and recorded.
- (2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (3) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (4) VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- (5) The measurements for Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. The worst case is Non Beamforming and only the worst case is documented for other test items.
- (6) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
- (7) For radiated emission below 1 GHz test, PoE Supply and Adapter Supply are pretested, the worst case is Adapter Supply and recorded.

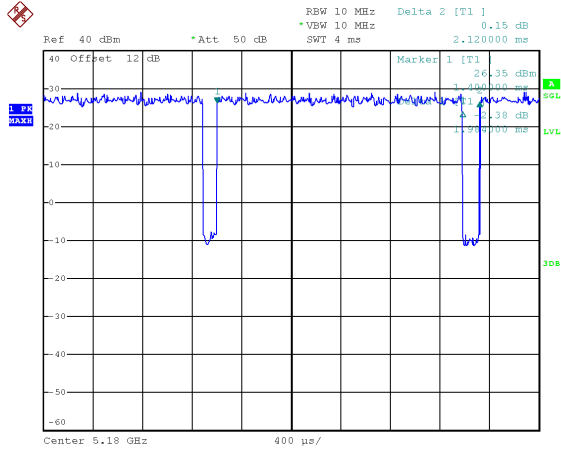
### 2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	qdart_conn.win.1.0_installer_00080.1
-----------------------	--------------------------------------

## 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.

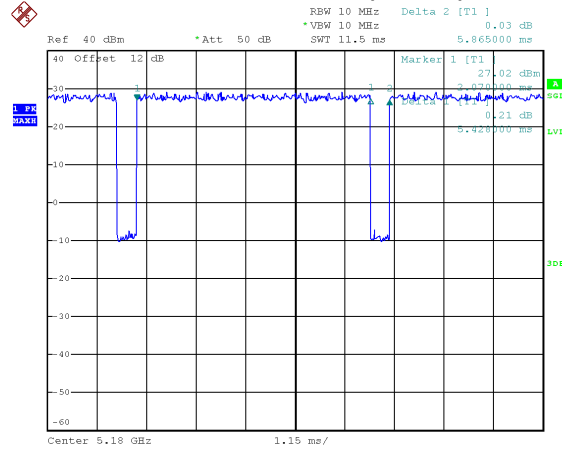
**IEEE 802.11a**



Date: 12.JAN.2022 10:02:45

Duty cycle =  $1.984 \text{ ms} / 2.120 \text{ ms} = 93.58\%$   
 Duty Factor =  $10 \log(1 / \text{Duty cycle}) = 0.29$

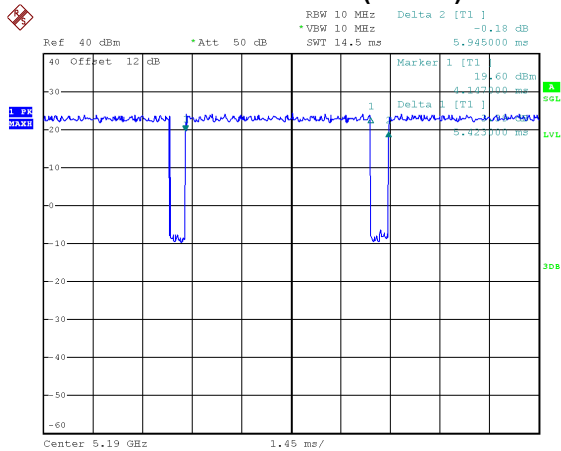
**IEEE 802.11ac(VHT20)**



Date: 12.JAN.2022 10:13:08

Duty cycle =  $5.428 \text{ ms} / 5.865 \text{ ms} = 92.55\%$   
 Duty Factor =  $10 \log(1 / \text{Duty cycle}) = 0.34$

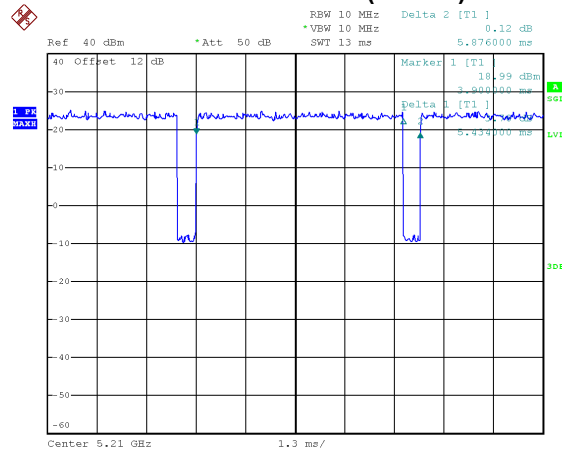
**IEEE 802.11ac(VHT40)**



Date: 12.JAN.2022 10:15:28

Duty cycle =  $5.423 \text{ ms} / 5.945 \text{ ms} = 91.22\%$   
 Duty Factor =  $10 \log(1 / \text{Duty cycle}) = 0.40$

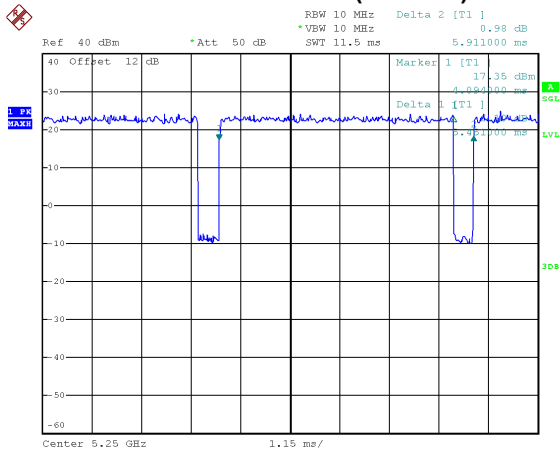
**IEEE 802.11ac(VHT80)**



Date: 12.JAN.2022 10:18:56

Duty cycle =  $5.434 \text{ ms} / 5.876 \text{ ms} = 92.48\%$   
 Duty Factor =  $10 \log(1 / \text{Duty cycle}) = 0.34$

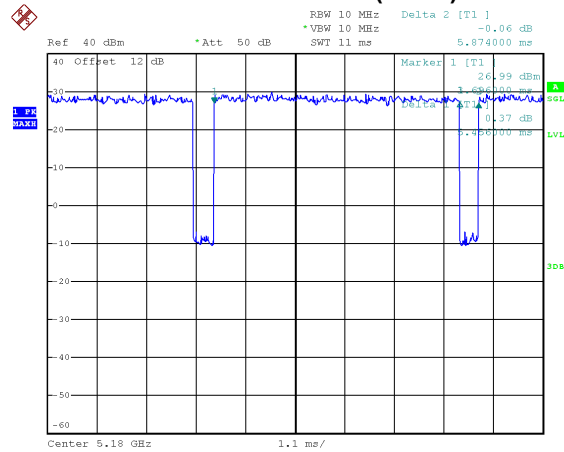
### IEEE 802.11ac(VHT160)



Date: 12.JAN.2022 10:20:52

Duty cycle = 5.451 ms / 5.911 ms = 92.22%  
Duty Factor = 10 log(1 / Duty cycle) = 0.35

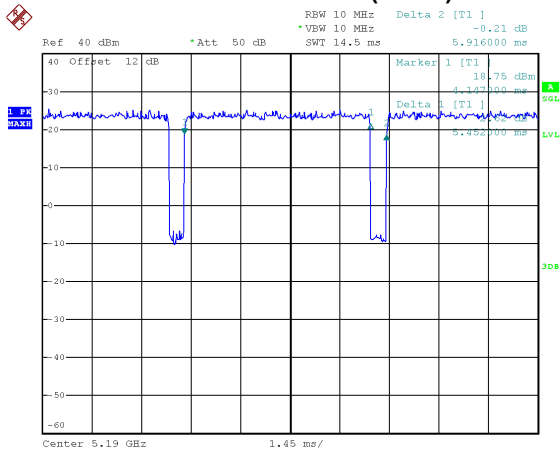
### IEEE 802.11ax(HE20)



Date: 12.JAN.2022 10:24:04

Duty cycle = 5.456 ms / 5.874 ms = 92.88%  
Duty Factor = 10 log(1 / Duty cycle) = 0.32

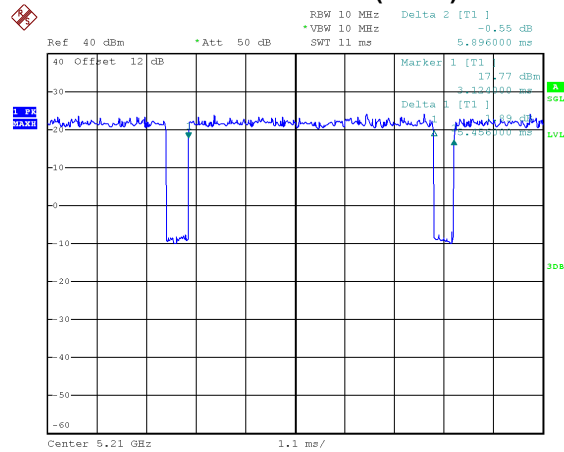
### IEEE 802.11ax(HE40)



Date: 12.JAN.2022 10:27:11

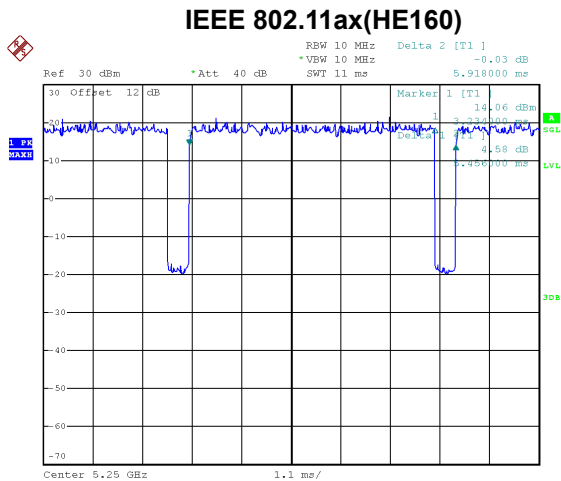
Duty cycle = 5.452 ms / 5.916 ms = 92.16%  
Duty Factor = 10 log(1 / Duty cycle) = 0.35

### IEEE 802.11ax(HE80)



Date: 12.JAN.2022 10:36:04

Duty cycle = 5.456 ms / 5.896 ms = 92.54%  
Duty Factor = 10 log(1 / Duty cycle) = 0.34



Date: 12.JAN.2022 10:38:32

Duty cycle = 5.456 ms / 5.918 ms = 92.19%  
 Duty Factor = 10 log(1 / Duty cycle) = 0.35

**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 504 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 184 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 184 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 183 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%).

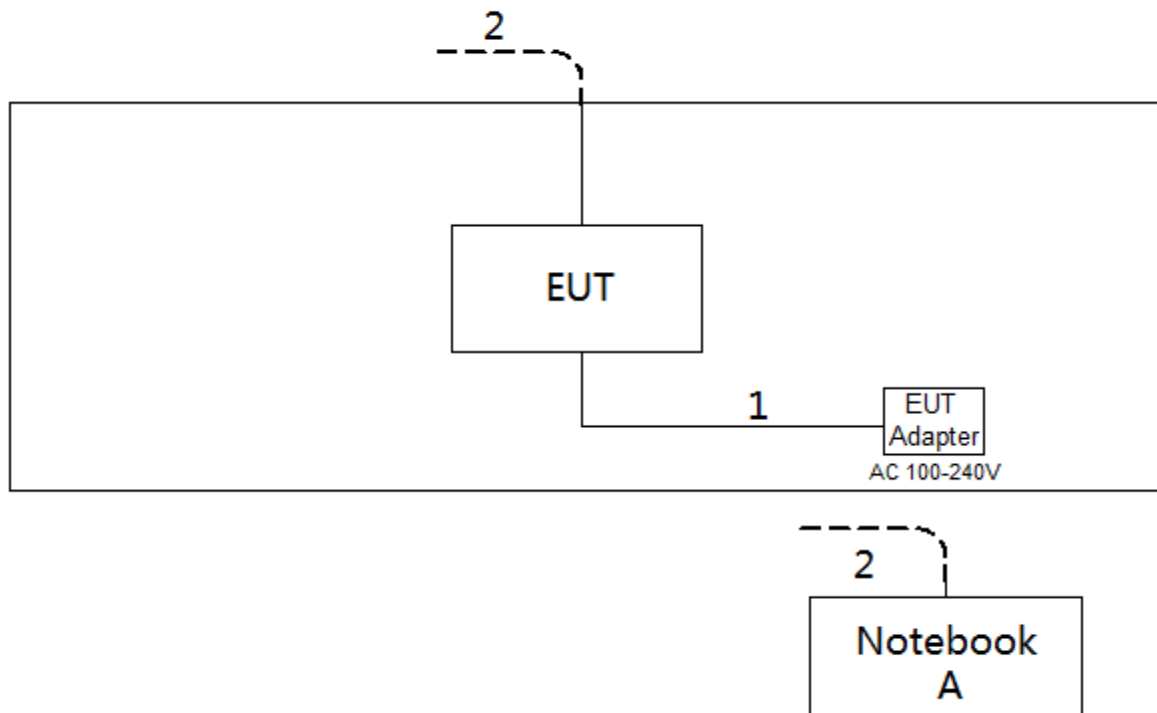
For IEEE 802.11ax(HE80):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 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 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



## 2.6 SUPPORT UNITS

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

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

### 3. AC POWER LINE CONDUCTED EMISSIONS

#### 3.1 LIMIT

Frequency (MHz)	Limit (dB $\mu$ 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:

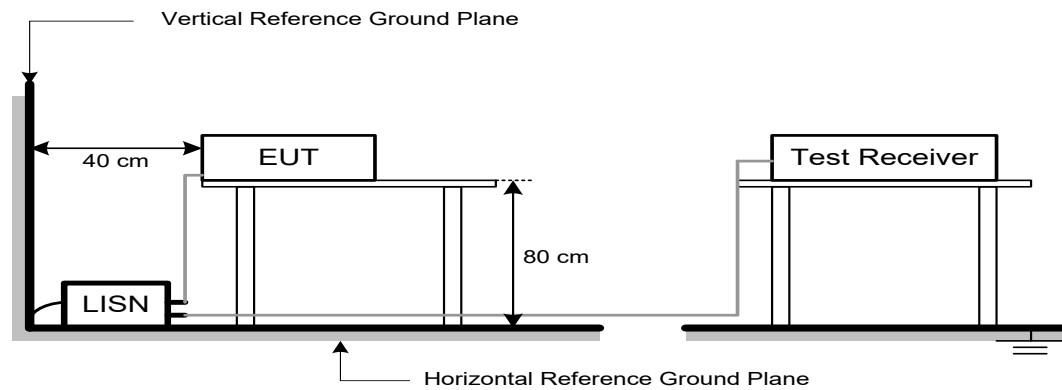
Receiver Parameter	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

#### 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

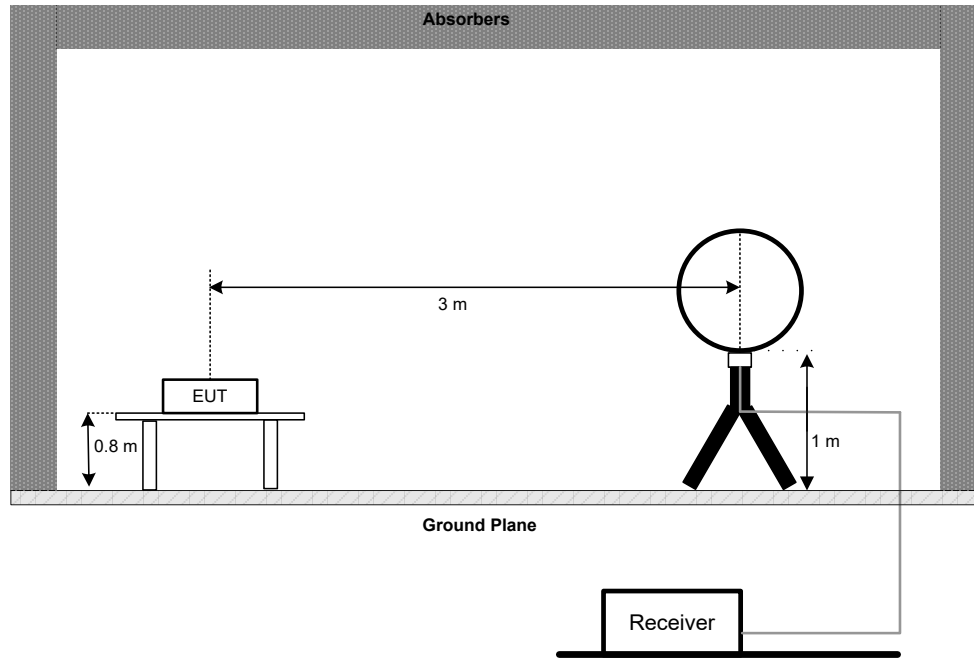
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

### 4.3 DEVIATION FROM TEST STANDARD

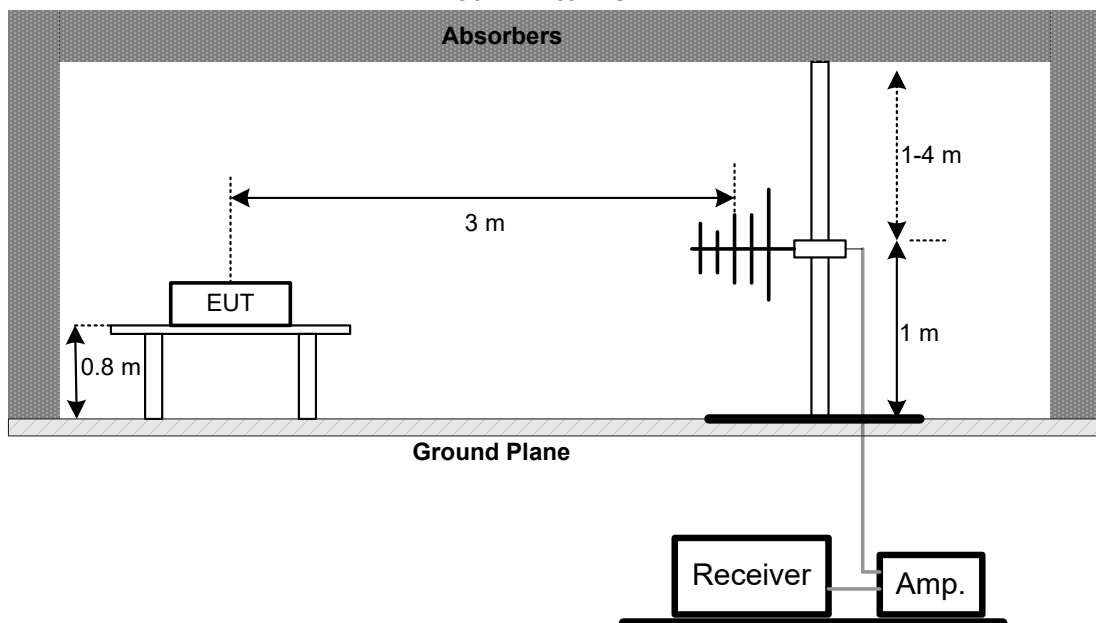
No deviation.

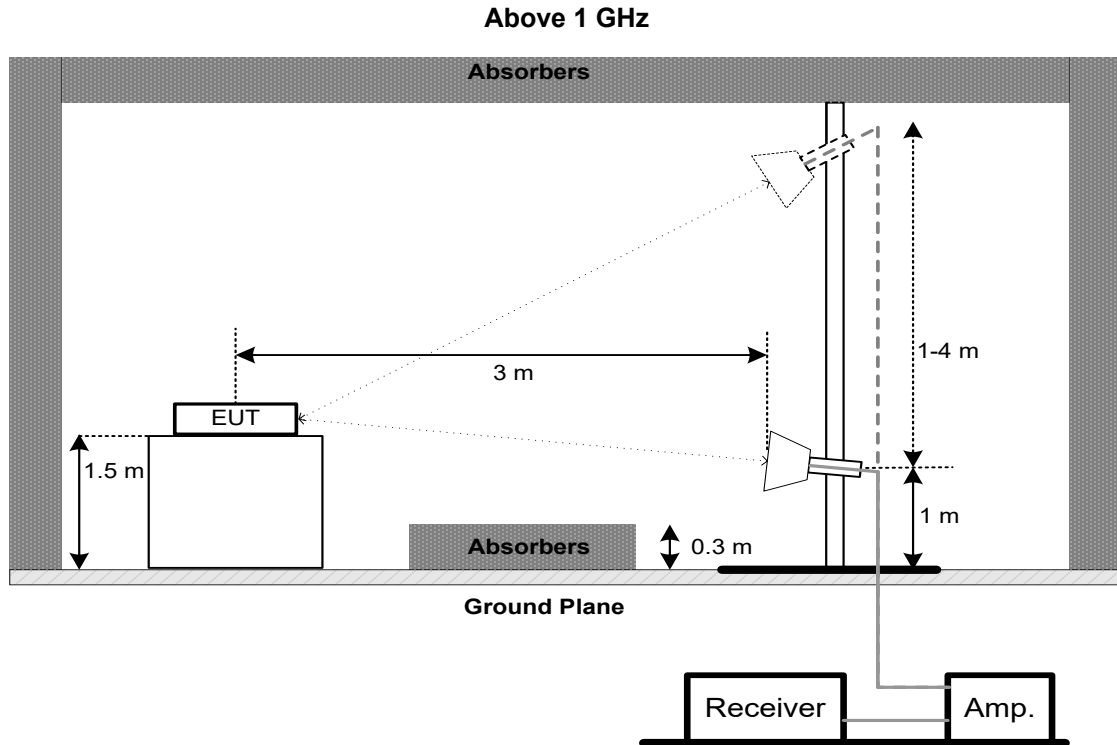
### 4.4 TEST SETUP

#### 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

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

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

For UNII-3:

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

For 99% Occupied Bandwidth:

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

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

### 5.3 DEVIATION FROM STANDARD

No deviation.

**5.4 TEST SETUP****5.5 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

**5.6 TEST RESULTS**

Please refer to the APPENDIX E.

## 6. MAXIMUM OUTPUT POWER

### 6.1 LIMIT

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

Note:

- a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26dB Bandwidth in megahertz.

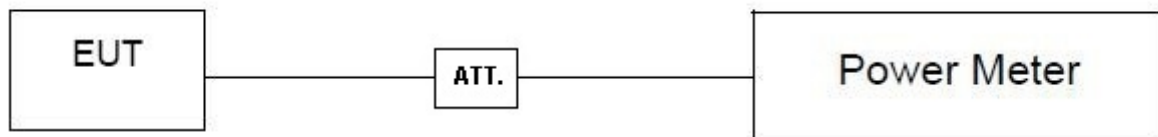
### 6.2 TEST PROCEDURE

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

### 6.3 DEVIATION FROM STANDARD

No deviation.

### 6.4 TEST SETUP



### 6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 6.6 TEST RESULTS

Please refer to the APPENDIX F.



## 7. POWER SPECTRAL DENSITY

### 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

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

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

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

For UNII-3:

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

Note:

- 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 13 dB, and the final offset is  $13 + 7 = 20 \text{ dB}$  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

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

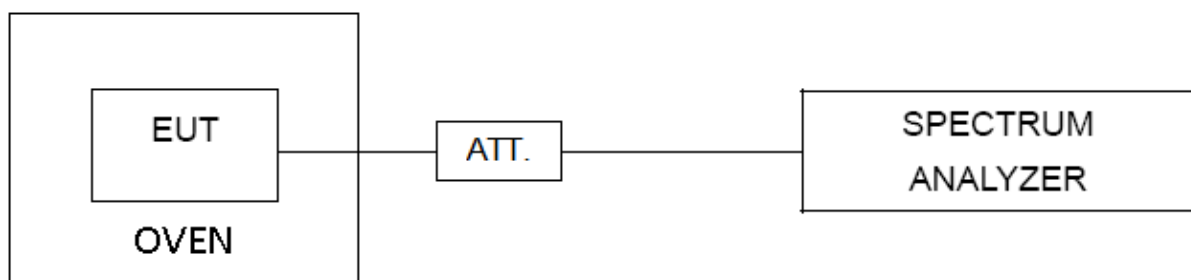
Spectrum Parameter	Setting
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

### 8.3 DEVIATION FROM STANDARD

No deviation.

### 8.4 TEST SETUP



### 8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 8.6 TEST RESULTS

Please refer to the APPENDIX H.

**9. MEASUREMENT INSTRUMENTS LIST**

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Jan. 22, 2023
2	LISN	EMCO	3816/2	52765	Jan. 23, 2023
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Jan. 23, 2023
4	50Ω Terminator	SHX	TF5-3	15041305	N/A
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 09, 2022
7	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXE EMI Receiver	Keysight	N9038A	MY56400091	Jan. 22, 2023
2*	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 23, 2024
3	Cable	N/A	RG 213/U(9kHz~1GHz)	N/A	May 27, 2022
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chamber Room	ETS	9*6*6	N/A	Jul. 17, 2022

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 15, 2022
2	Amplifier	HP	8447D	2944A08742	Jan. 22, 2023
3	Cable	emci	LMR-400	N/A	Nov. 30, 2022
4	Controller	CT	SC100	N/A	N/A
5	Controller	MF	MF-7802	MF780208416	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	Receiver	Agilent	N9038A	MY52130039	Jan. 22, 2023
8	966 Chamber Room	RM	9*6*6	N/A	Jul. 24, 2022

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Horn Antenna	ARA	DRG-118A	16554	Apr. 21, 2022
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2022
3	Amplifier	Agilent	8449B	3008A02584	Jul. 10, 2022
4	Controller	CT	SC100	N/A	N/A
5	Controller	MF	MF-7802	MF780208416	N/A
6	Receiver	Agilent	N9038A	MY52130039	Jan. 22, 2023
7	EXA Spectrum Analyzer	Keysight	N9010A	MY56480488	Jan. 22, 2023
8	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330-K	619413	Jul. 16, 2022
9	Cable	N/A	A81-SMAMSMAM-12.5M	N/A	Oct. 15, 2022
10	Cable	Talent microwave	A40-2.92M2.92M-2.5M	N/A	Nov. 30, 2022
11*	Band Reject Filter	Micro-Tronics	BRC50704-01	8	Feb. 27, 2024
12*	Band Reject Filter	Micro-Tronics	BRC50703-01	7	Feb. 27, 2024
13*	Band Reject Filter	Micro-Tronics	BRC50705-01	10	Feb. 27, 2024
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
15	966 Chamber Room	RM	9*6*6	N/A	Jul. 24, 2022

Bandwidth & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 10, 2022
2	Attenuator	WOKEN	6SM3502	VAS1214NL	N/A
3	RF Cable	Tongkaichuan	N/A	N/A	N/A
4	DC Block	Mini	N/A	N/A	N/A

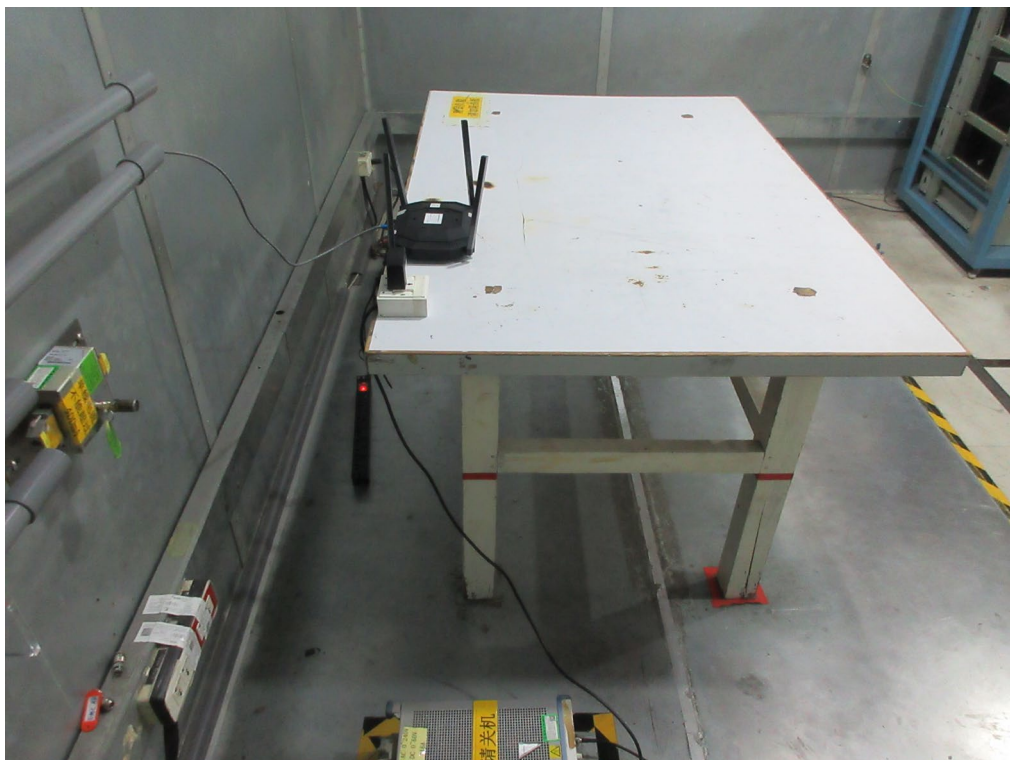
Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Jul. 10, 2022
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 10, 2022
3	Attenuator	WOKEN	6SM3502	VAS1214NL	N/A
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

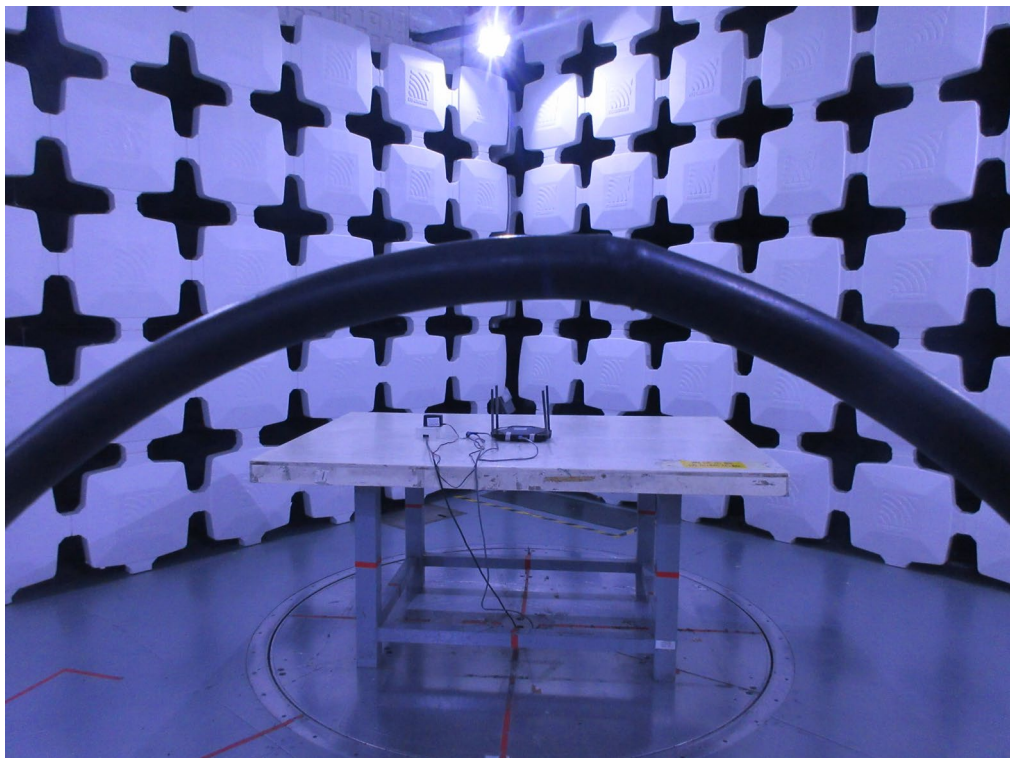
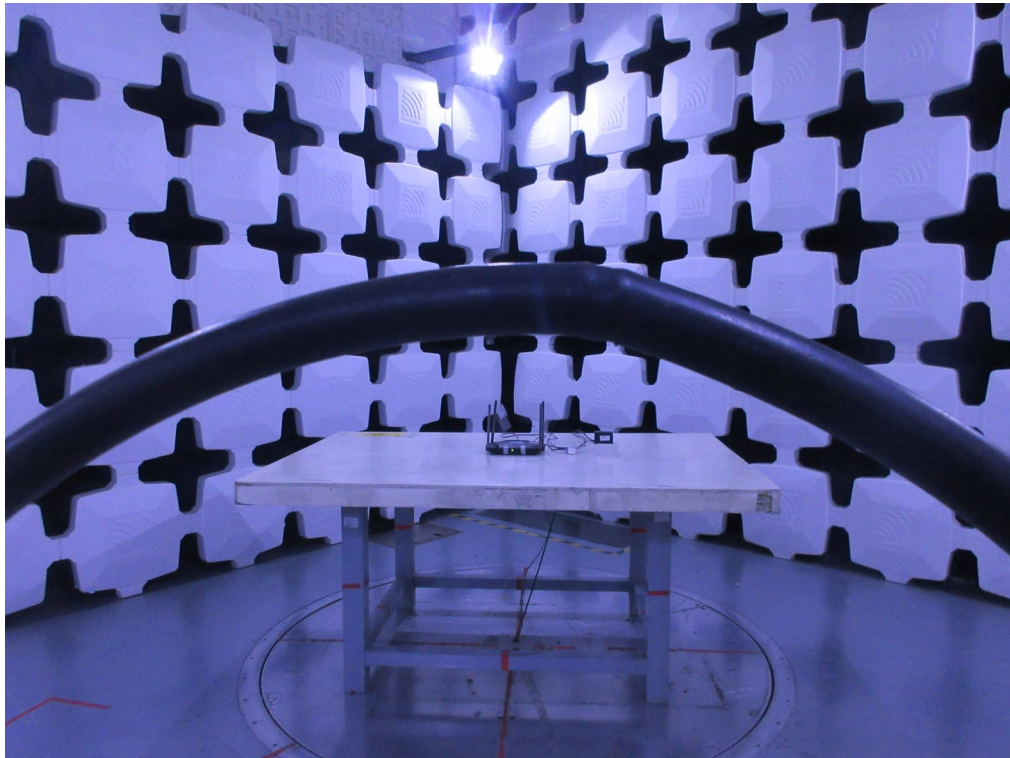
Frequency Stability					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 10, 2022
2	Precision Oven Tester	CEPREI	CEEC-M64T-40	15-008	Jan. 22, 2023
3	Attenuator	WOKEN	6SM3502	VAS1214NL	N/A
4	RF Cable	Tongkaichuan	N/A	N/A	N/A
5	DC Block	Mini	N/A	N/A	N/A

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

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

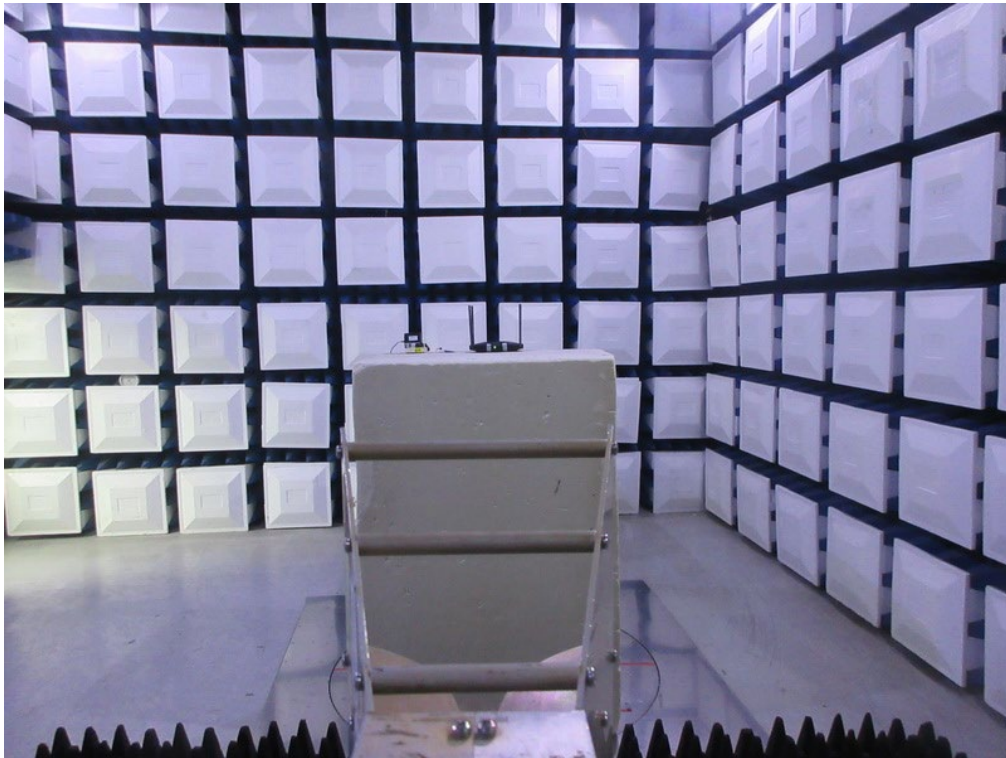
Except \* item, all calibration period of equipment list is one year.

**10. EUT TEST PHOTOS****AC Power Line Conducted Emissions Test Photos**

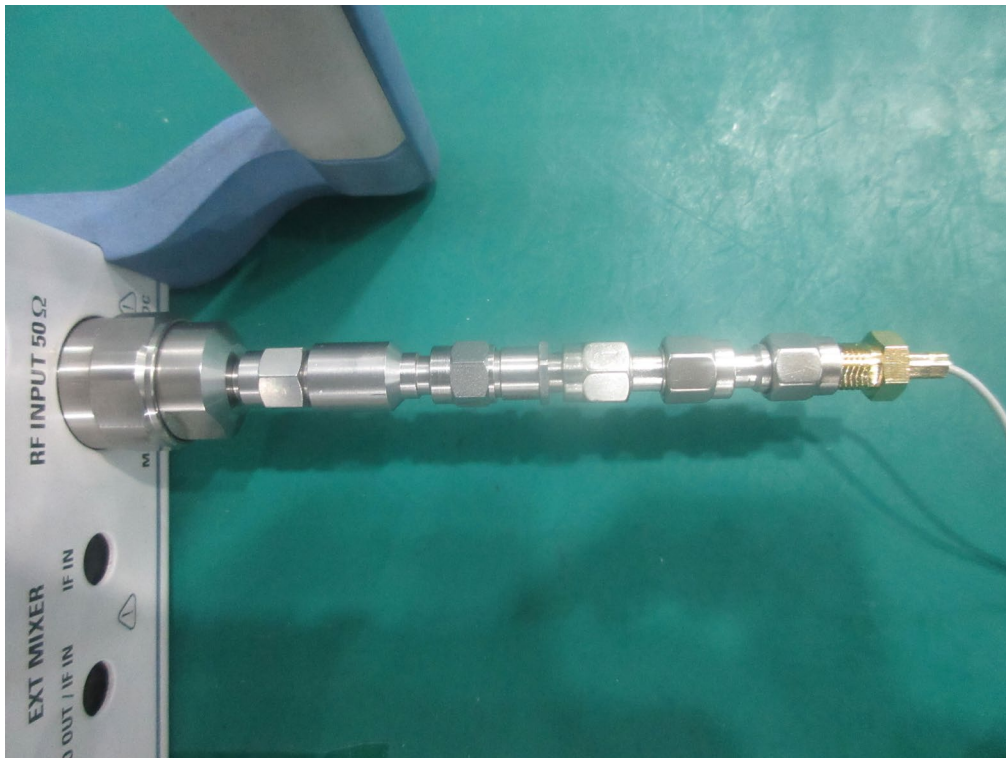
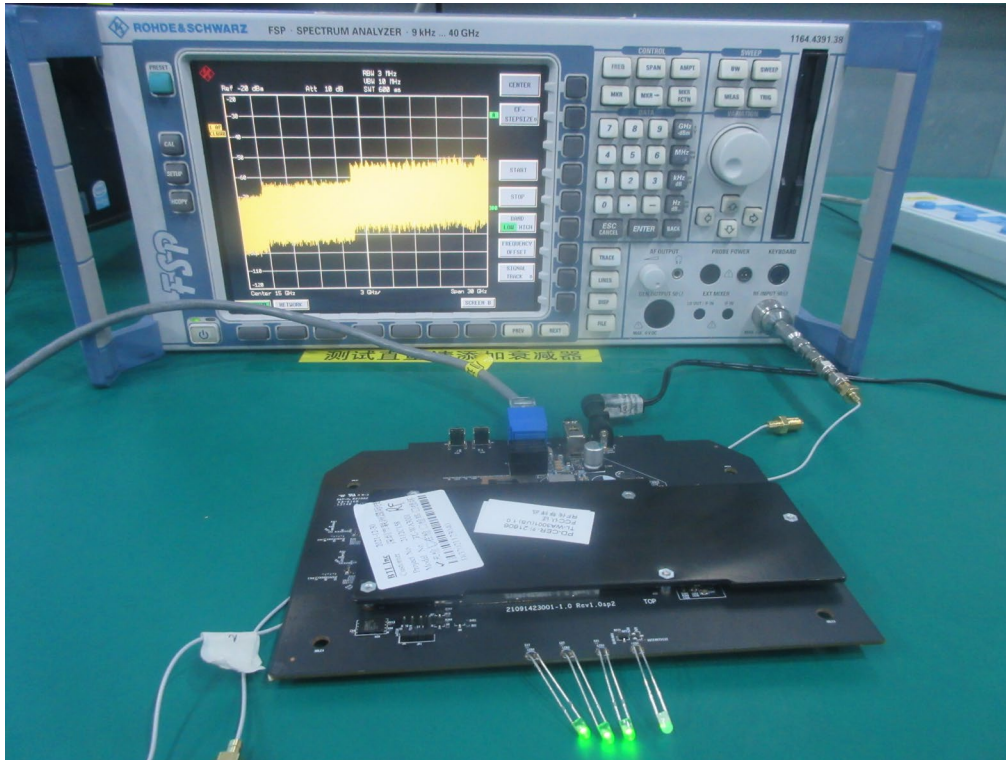
**Radiated Emissions Test Photos****9 kHz to 30 MHz**

**Radiated Emissions Test Photos****30 MHz to 1 GHz**



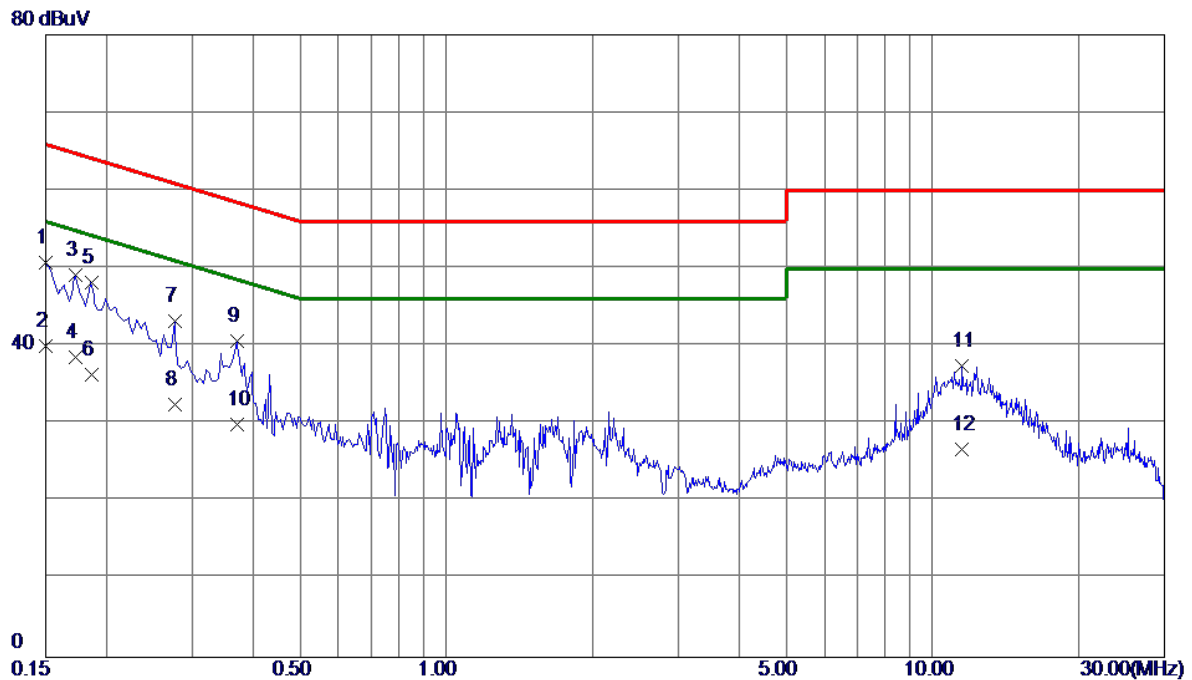
**Radiated Emissions Test Photos****Above 1 GHz**

## Conducted Test Photos



## **APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS**

Test Mode	TX AC(VHT20) Mode Channel 40 (UNII-1)	Phase	Line
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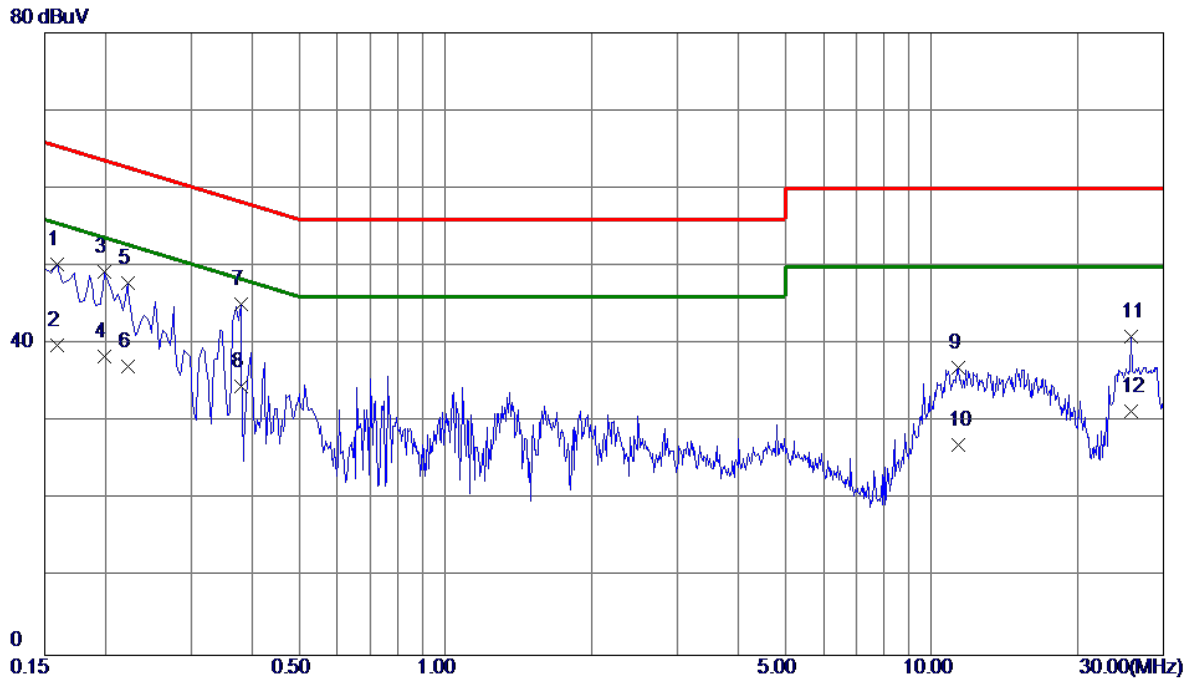


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1500	40.99	9.78	50.77	66.00	-15.23	QP	
2	0.1500	30.20	9.78	39.98	56.00	-16.02	AVG	
3	0.1725	39.36	9.79	49.15	64.84	-15.69	QP	
4	0.1725	28.70	9.79	38.49	54.84	-16.35	AVG	
5	0.1860	38.39	9.81	48.20	64.21	-16.01	QP	
6	0.1860	26.49	9.81	36.30	54.21	-17.91	AVG	
7	0.2760	33.34	9.83	43.17	60.94	-17.77	QP	
8	0.2760	22.70	9.83	32.53	50.94	-18.41	AVG	
9	0.3704	30.77	9.84	40.61	58.49	-17.88	QP	
10	0.3704	20.10	9.84	29.94	48.49	-18.55	AVG	
11	11.5080	27.03	10.44	37.47	60.00	-22.53	QP	
12	11.5080	16.31	10.44	26.75	50.00	-23.25	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 AC(VHT20) Mode Channel 40 (UNII-1)	Phase	Neutral
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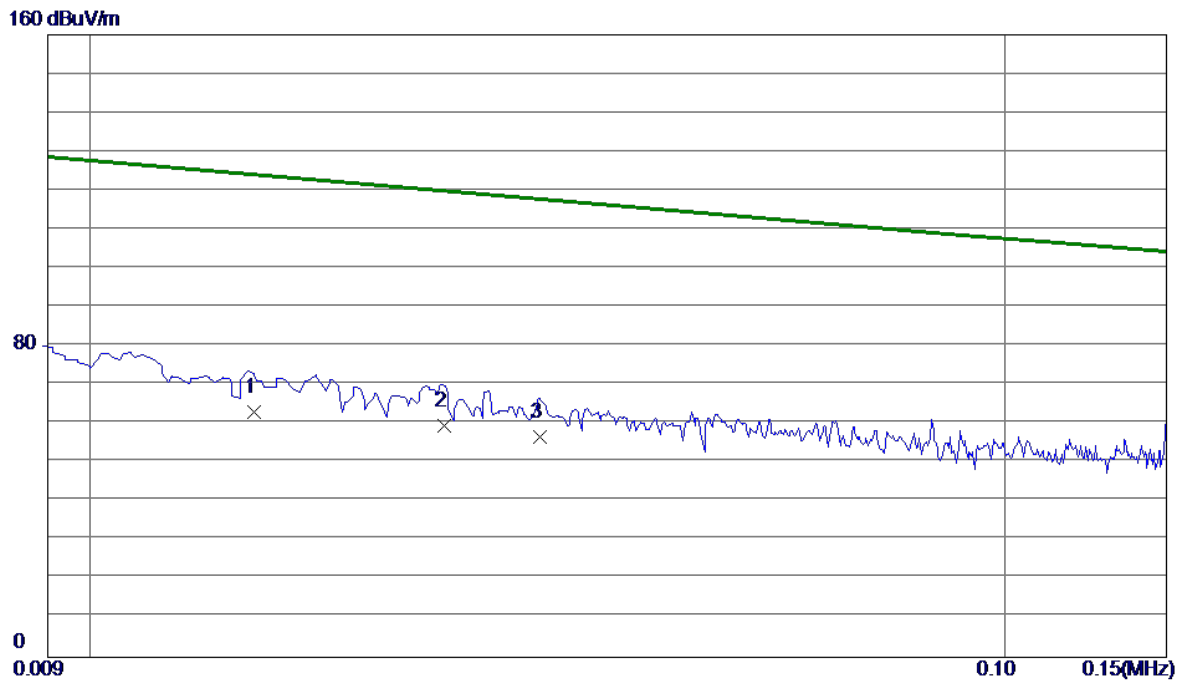
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1590	40.34	9.83	50.17	65.52	-15.35	QP	
2	0.1590	30.09	9.83	39.92	55.52	-15.60	AVG	
3	0.1995	39.35	9.85	49.20	63.63	-14.43	QP	
4	0.1995	28.60	9.85	38.45	53.63	-15.18	AVG	
5	0.2220	38.00	9.85	47.85	62.74	-14.89	QP	
6	0.2220	27.30	9.85	37.15	52.74	-15.59	AVG	
7 *	0.3795	35.15	9.91	45.06	58.29	-13.23	QP	
8	0.3795	24.61	9.91	34.52	48.29	-13.77	AVG	
9	11.3505	26.50	10.51	37.01	60.00	-22.99	QP	
10	11.3505	16.49	10.51	27.00	50.00	-23.00	AVG	
11	25.7820	29.71	11.19	40.90	60.00	-19.10	QP	
12	25.7820	20.10	11.19	31.29	50.00	-18.71	AVG	

**REMARKS:**

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

**APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ**

Test Mode	TX AC(VHT20) Mode Channel 40 (UNII-1)	Polarization	Ant 0°
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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	0.0151	47.29	15.82	63.11	123.95	-60.84	AVG	
2 *	0.0244	45.22	14.19	59.41	119.80	-60.39	AVG	
3	0.0310	42.63	14.04	56.67	117.73	-61.06	AVG	

REMARKS:

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

Test Mode	TX AC(VHT20) Mode Channel 40 (UNII-1)	Polarization	Ant 0°
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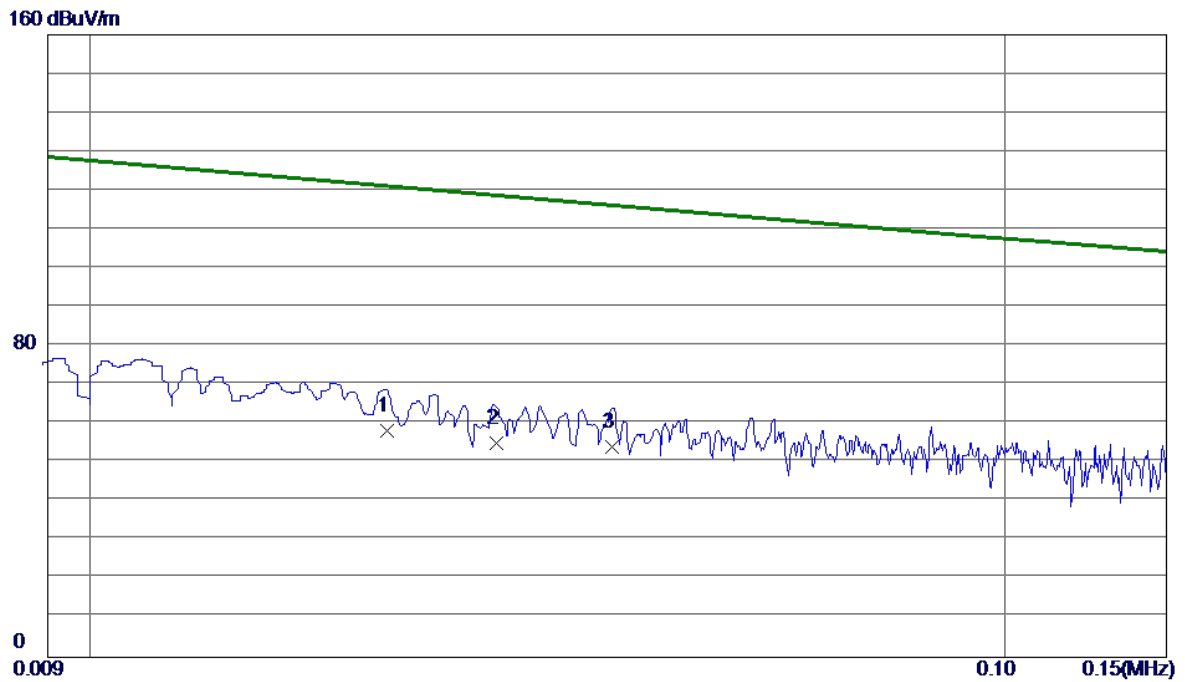
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.4440	30.14	13.41	43.55	94.65	-51.10	AVG	
2 *	0.8330	26.44	12.99	39.43	69.19	-29.76	QP	
3	2.0930	26.17	12.05	38.22	69.54	-31.32	QP	

REMARKS:

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



Test Mode	TX AC(VHT20) Mode Channel 40 (UNII-1)	Polarization	Ant 90°
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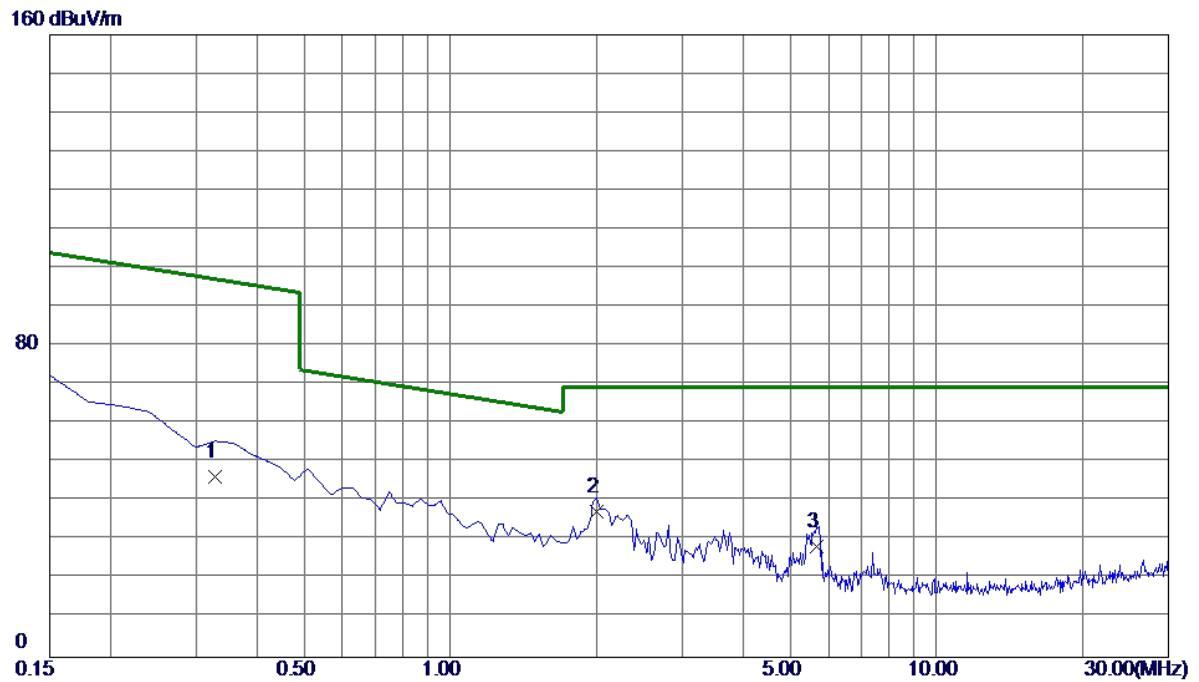


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0211	44.12	14.26	58.38	121.05	-62.67	AVG	
2	0.0278	40.96	14.11	55.07	118.67	-63.60	AVG	
3 *	0.0372	40.28	13.89	54.17	116.15	-61.98	AVG	

**REMARKS:**

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

Test Mode	TX AC(VHT20) Mode Channel 40 (UNII-1)	Polarization	Ant 90°
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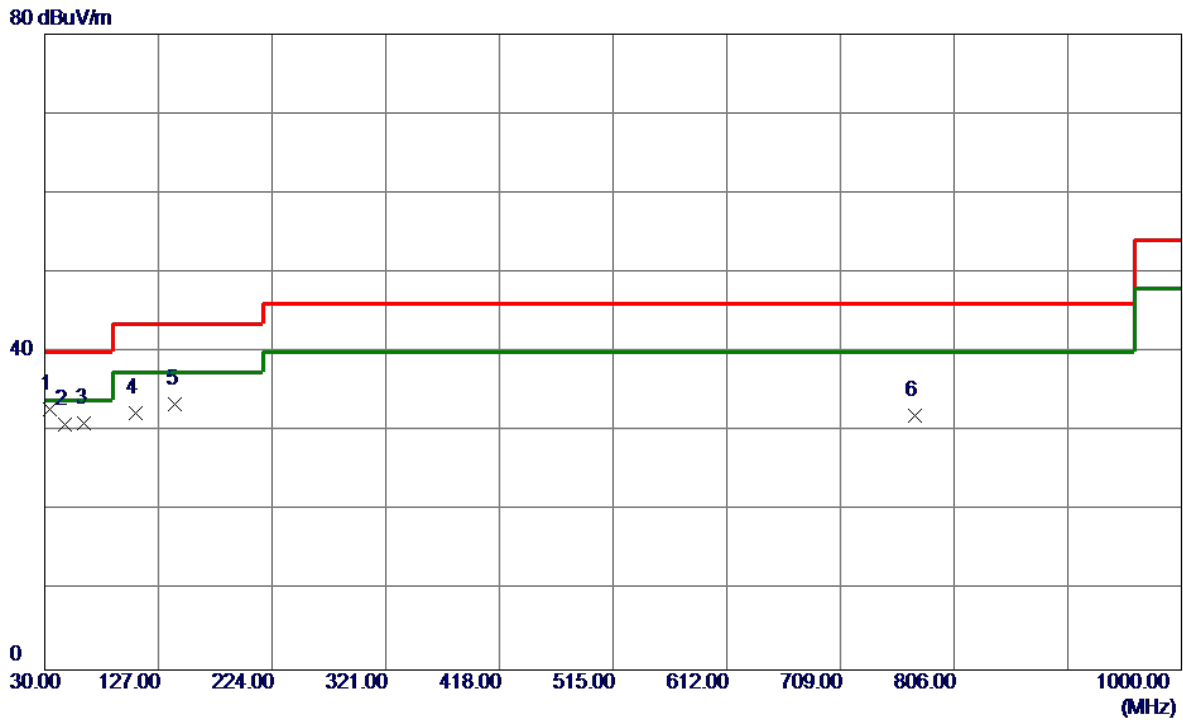
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.3291	32.84	13.53	46.37	97.26	-50.89	AVG	
2 *	2.0007	25.41	12.09	37.50	69.54	-32.04	QP	
3	5.6723	16.82	11.77	28.59	69.54	-40.95	QP	

**REMARKS:**

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

**APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ**

Test Mode	TX AC(VHT20) Mode Channel 40 (UNII-1)	Polarization	Vertical
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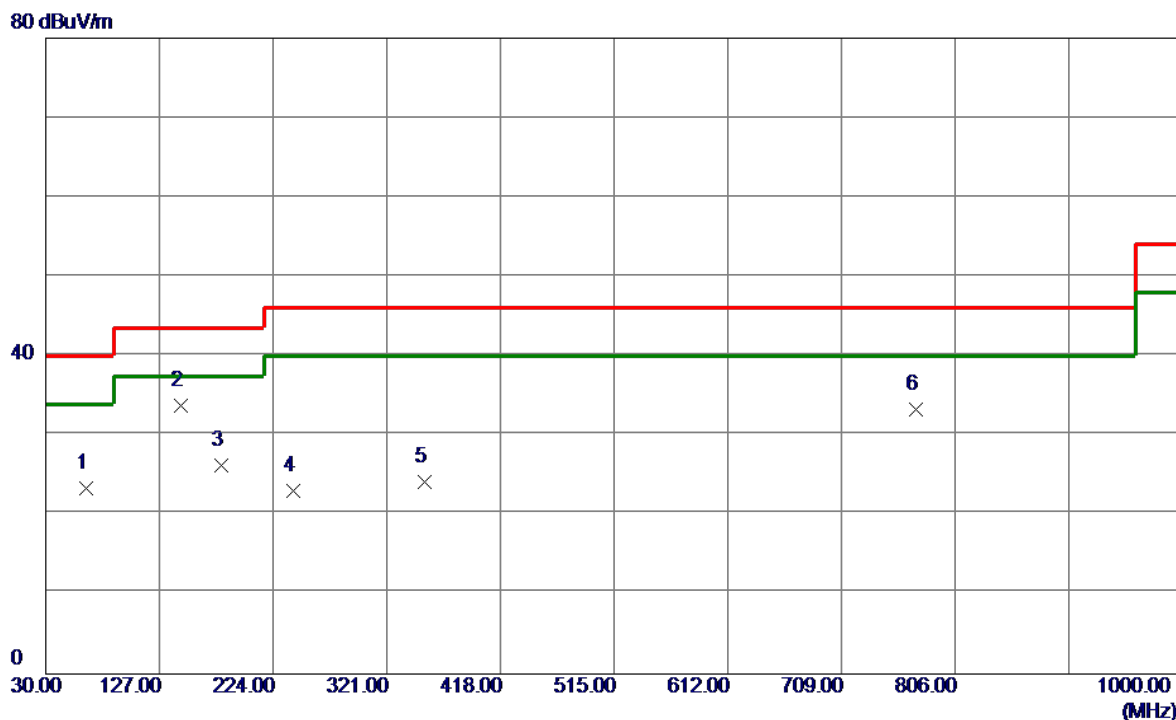


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	33.8800	47.88	-15.08	32.80	40.00	-7.20	Peak	
2	47.4600	44.78	-13.86	30.92	40.00	-9.08	Peak	
3	63.9500	46.07	-15.06	31.01	40.00	-8.99	Peak	
4	107.6000	47.74	-15.40	32.34	43.50	-11.16	Peak	
5	141.5500	46.25	-12.84	33.41	43.50	-10.09	Peak	
6	773.0200	33.41	-1.36	32.05	46.00	-13.95	Peak	

**REMARKS:**

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

Test Mode	TX AC(VHT20) Mode Channel 40 (UNII-1)	Polarization	Horizontal
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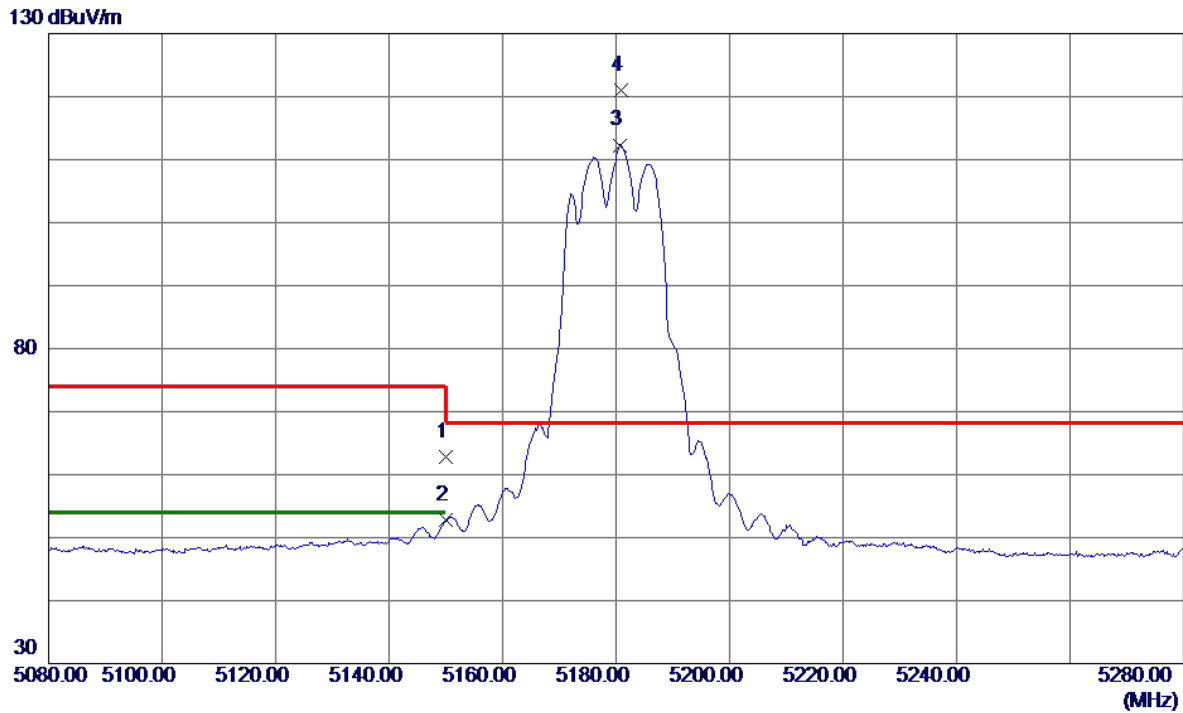
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	64.9200	38.52	-15.21	23.31	40.00	-16.69	Peak	
2 *	145.4299	46.56	-12.74	33.82	43.50	-9.68	Peak	
3	179.3800	39.75	-13.57	26.18	43.50	-17.32	Peak	
4	241.4600	36.38	-13.32	23.06	46.00	-22.94	Peak	
5	353.0100	33.98	-9.89	24.09	46.00	-21.91	Peak	
6	773.0200	34.70	-1.36	33.34	46.00	-12.66	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	44.70	18.05	62.75	74.00	-11.25	Peak	
2	5150.0000	34.72	18.05	52.77	54.00	-1.23	AVG	
3	5180.7000	94.16	18.14	112.30	999.00	-886.70	AVG	No Limit
4 *	5180.8000	102.88	18.14	121.02	68.20	52.82	Peak	No Limit

**REMARKS:**

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

Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical
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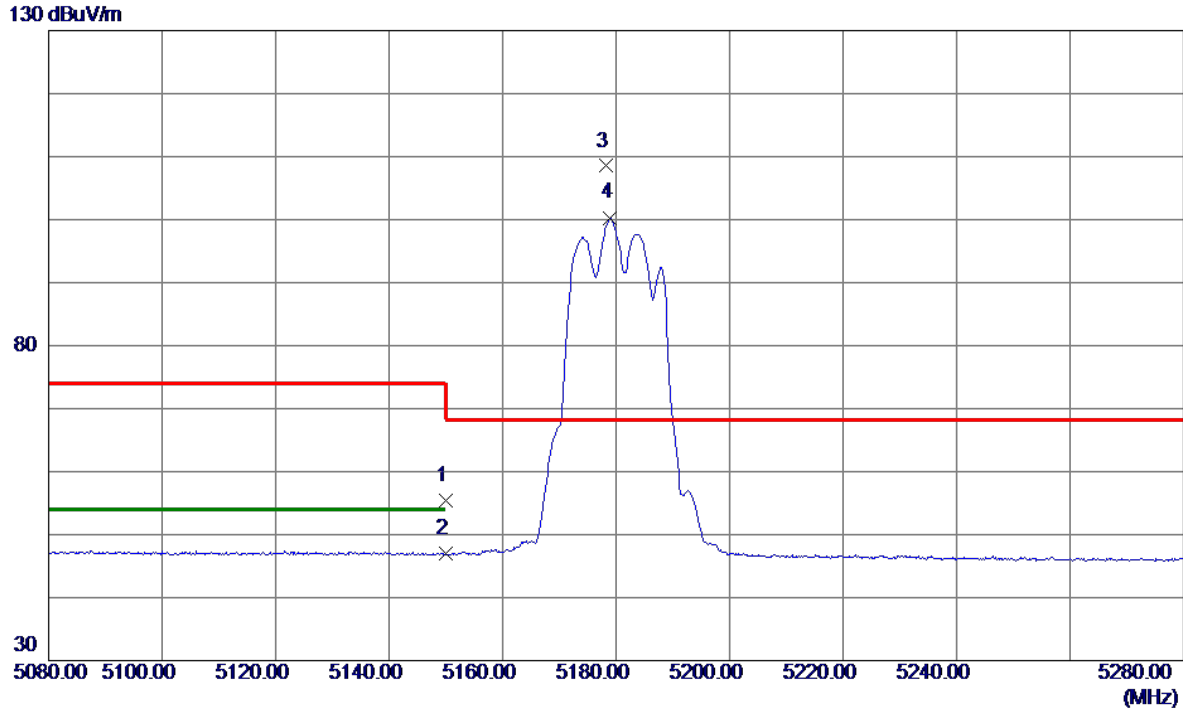
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10360.1300	49.64	16.08	65.72	68.20	-2.48	Peak	

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	Horizontal
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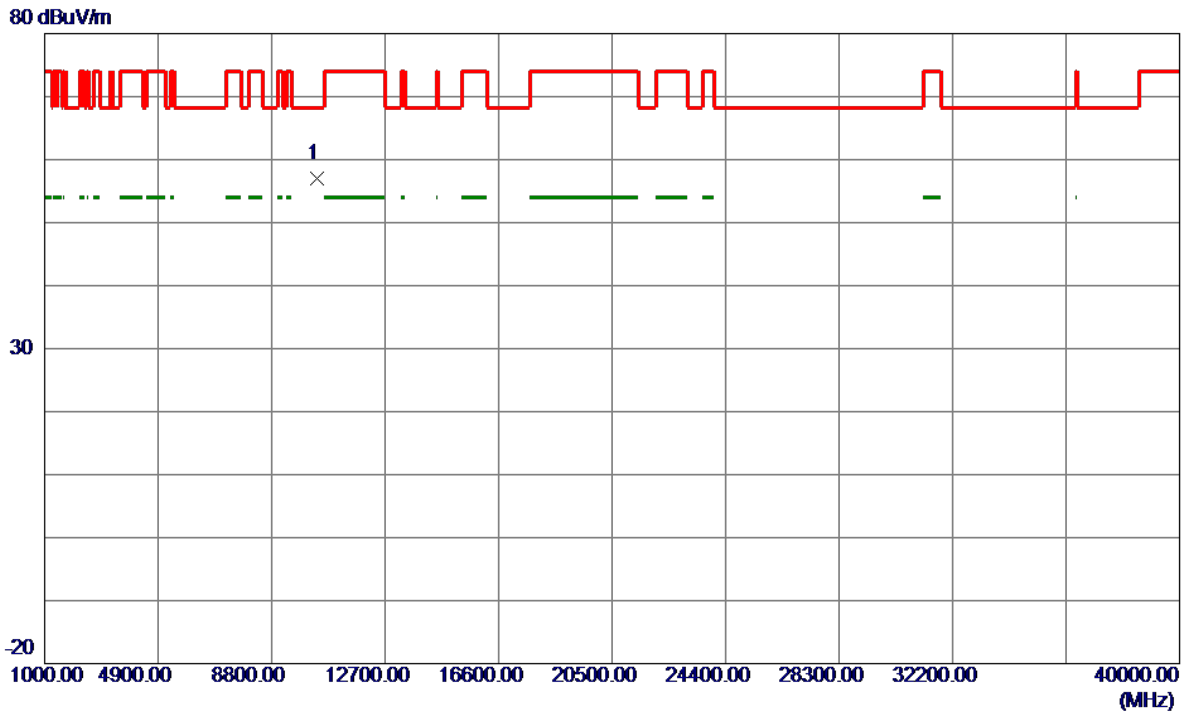


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	37.36	18.05	55.41	74.00	-18.59	Peak	
2	5150.0000	28.87	18.05	46.92	54.00	-7.08	AVG	
3 *	5178.2000	90.37	18.13	108.50	68.20	40.30	Peak	No Limit
4	5179.0000	82.16	18.14	100.30	999.00	-898.70	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	Horizontal
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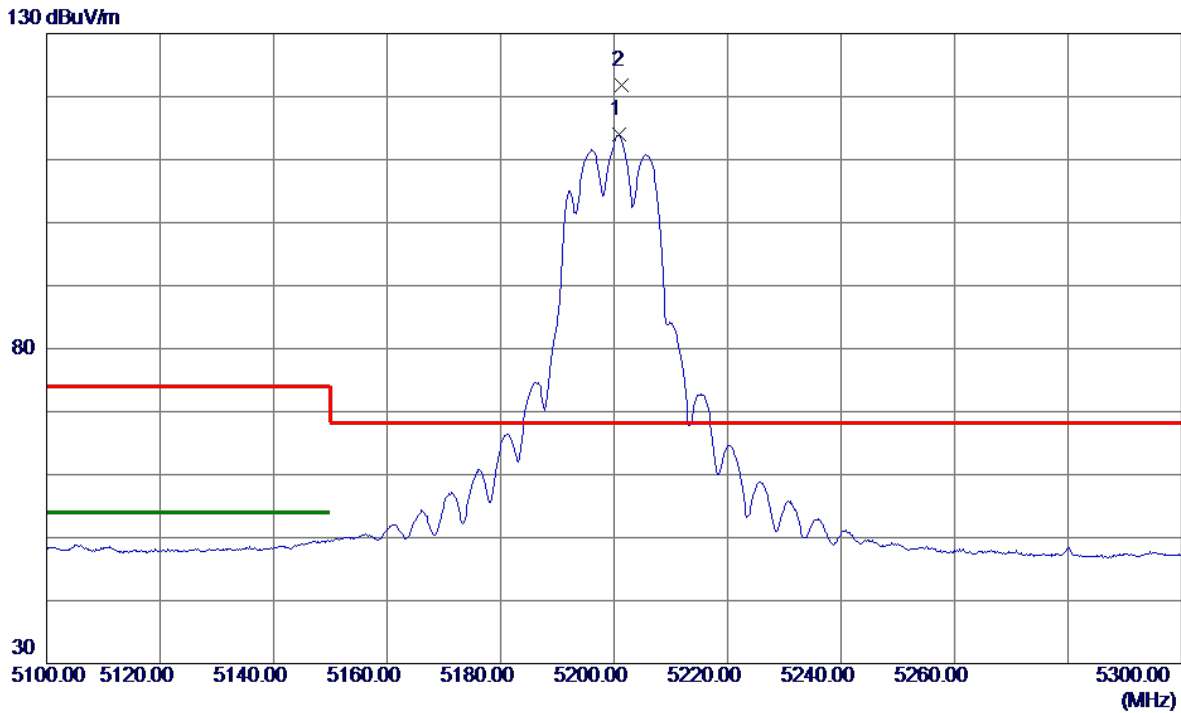


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10358.8400	40.83	16.08	56.91	68.20	-11.29	Peak	

**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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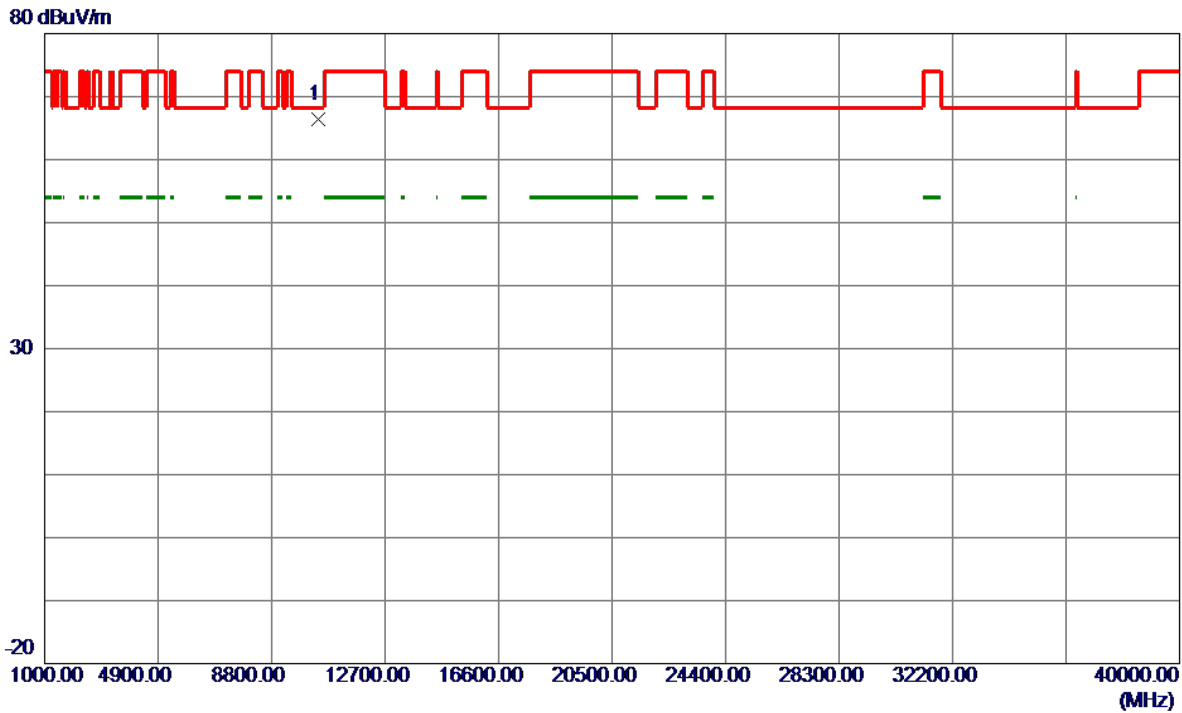


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5200.9000	95.76	18.20	113.96	999.00	-885.04	AVG	No Limit
2 *	5201.3000	103.52	18.20	121.72	68.20	53.52	Peak	No Limit

**REMARKS:**

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

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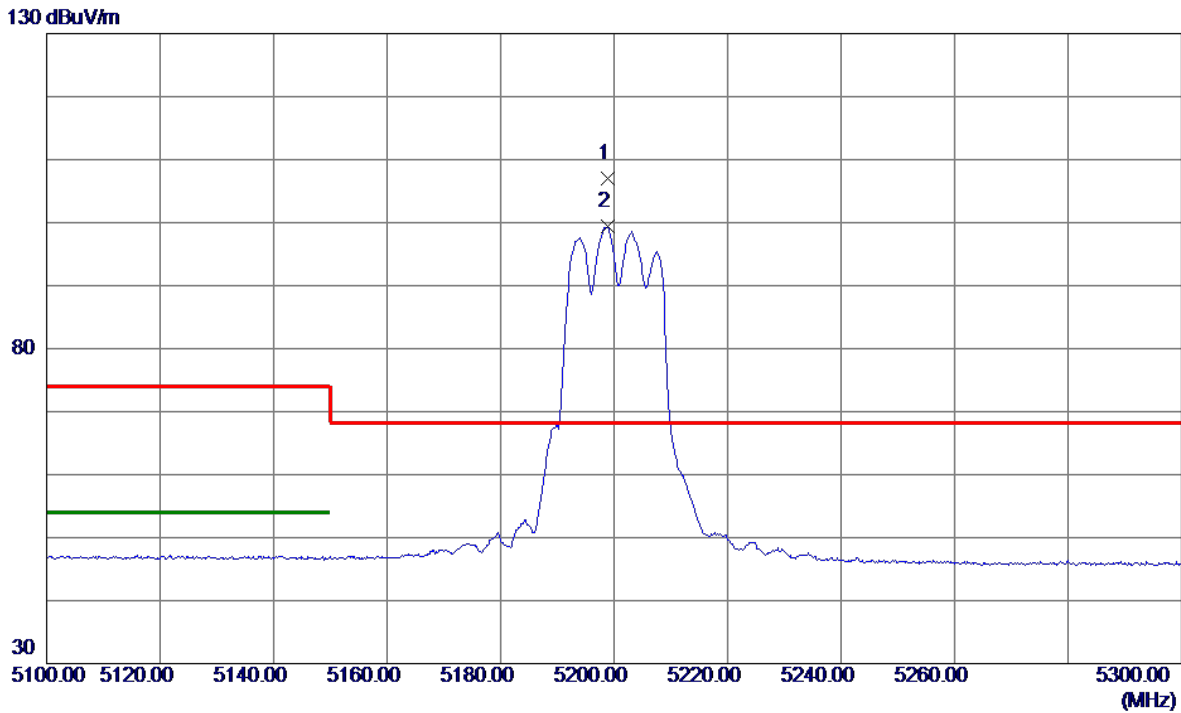


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10400.1940	50.85	15.64	66.49	68.20	-1.71	Peak	

**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	Horizontal
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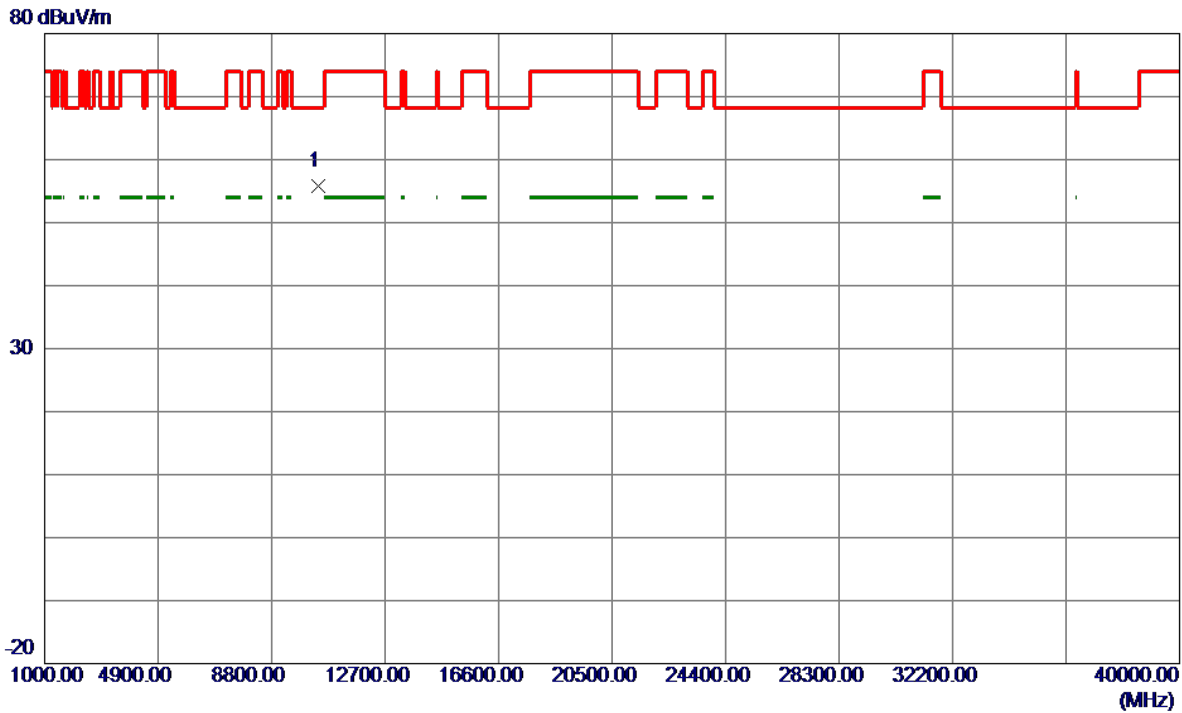


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5198.9000	88.88	18.20	107.08	68.20	38.88	Peak	No Limit
2	5198.9000	81.23	18.20	99.43	999.00	-899.57	AVG	No Limit

**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	Horizontal
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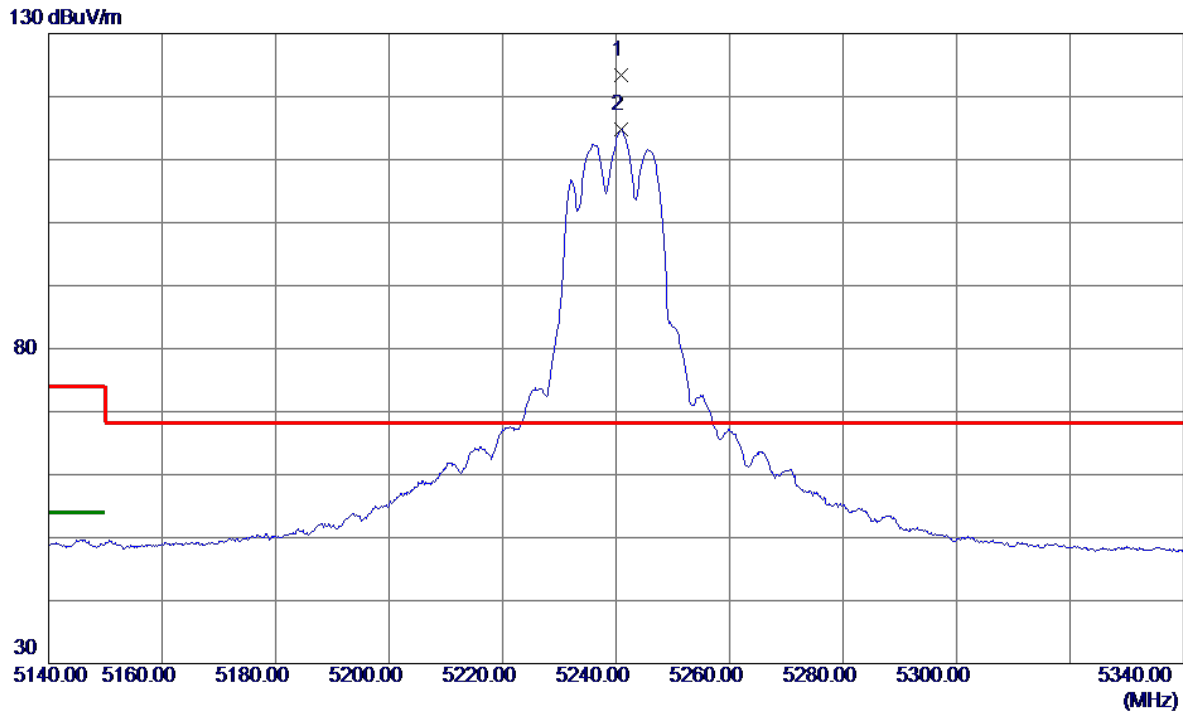


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10399.7619	40.16	15.64	55.80	68.20	-12.40	Peak	

**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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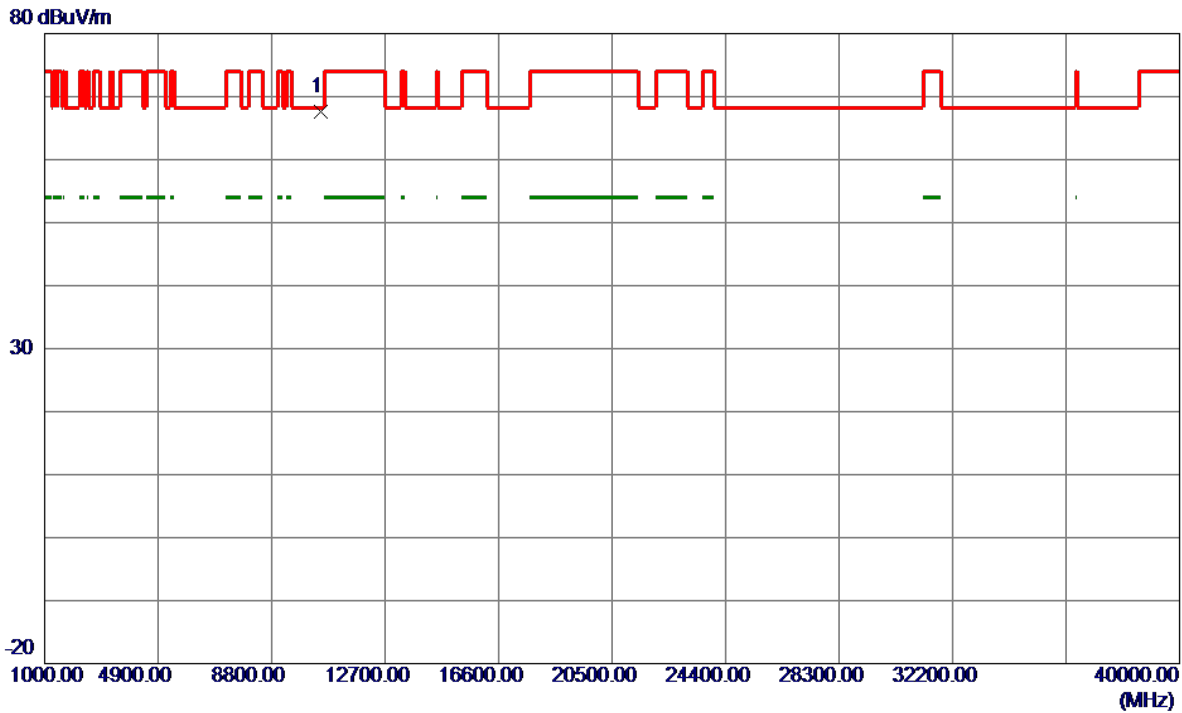


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5240.8000	105.05	18.33	123.38	68.20	55.18	Peak	No Limit
2	5240.9000	96.55	18.33	114.88	999.00	-884.12	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical
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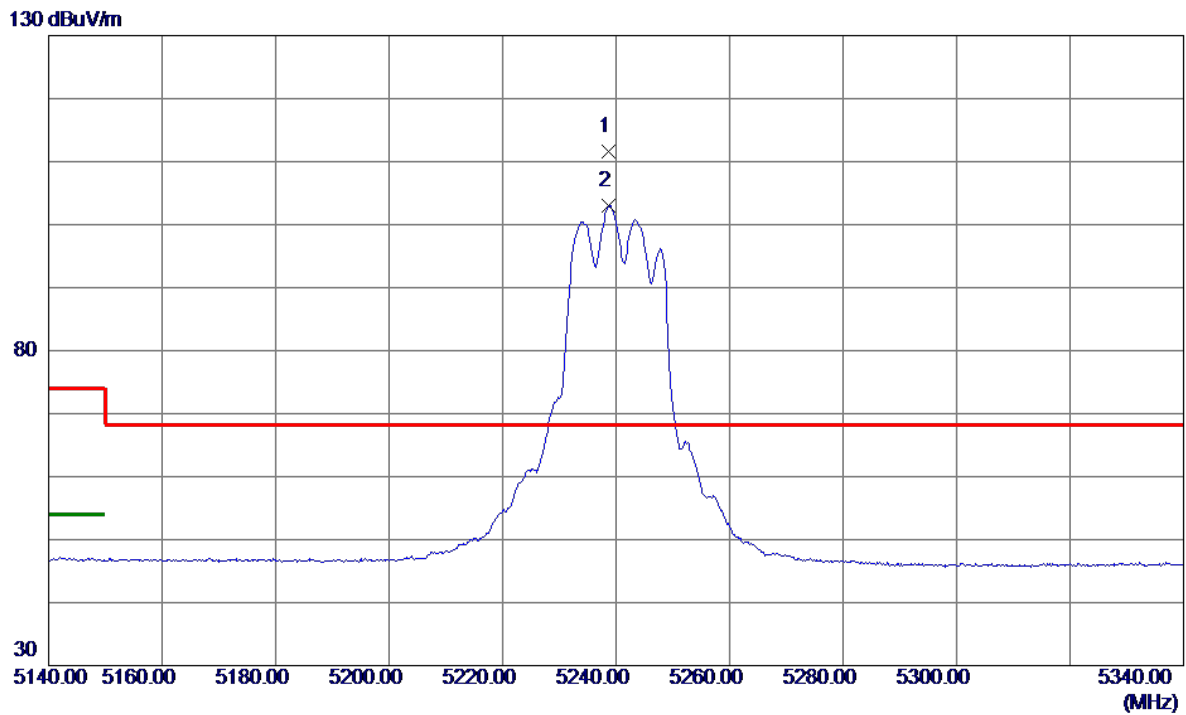
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10479.3019	51.90	15.74	67.64	68.20	-0.56	Peak	

**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	Horizontal
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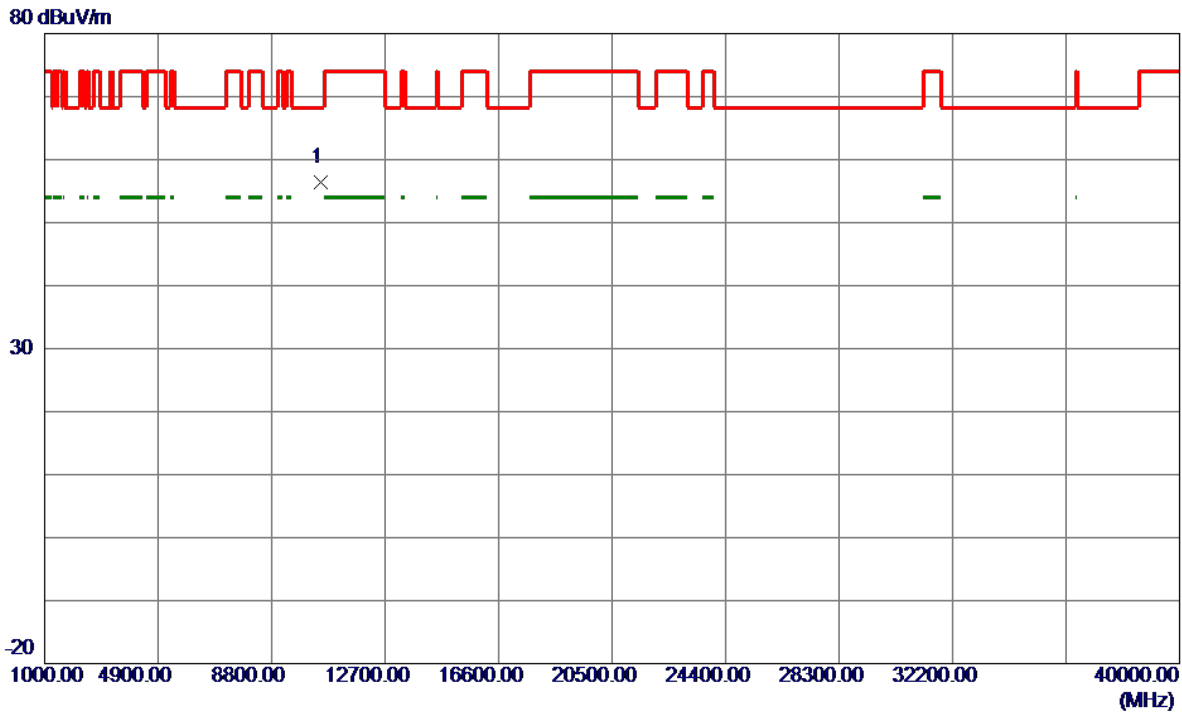


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5238.7000	93.32	18.32	111.64	68.20	43.44	Peak	No Limit
2	5238.7000	84.70	18.32	103.02	999.00	-895.98	AVG	No Limit

**REMARKS:**

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

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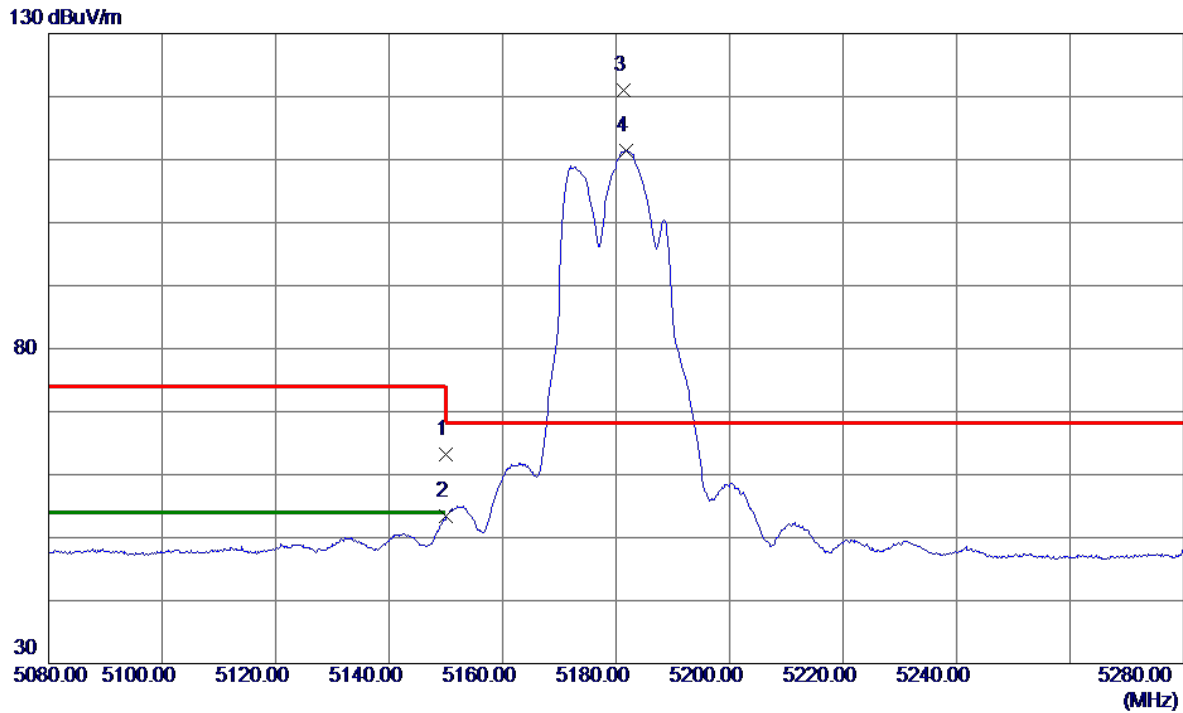


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10479.2680	40.60	15.74	56.34	68.20	-11.86	Peak	

**REMARKS:**

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

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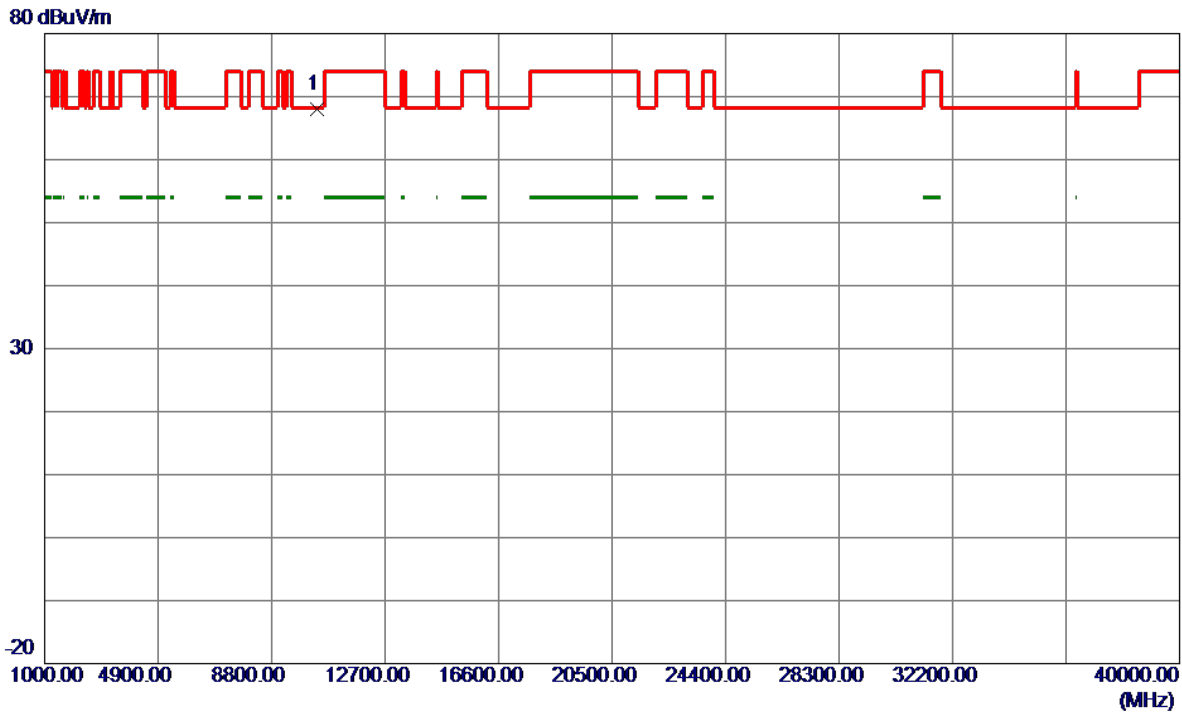


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	45.14	18.05	63.19	74.00	-10.81	Peak	
2	5150.0000	35.36	18.05	53.41	54.00	-0.59	AVG	
3 *	5181.3000	102.94	18.14	121.08	68.20	52.88	Peak	No Limit
4	5181.7000	93.31	18.14	111.45	999.00	-887.55	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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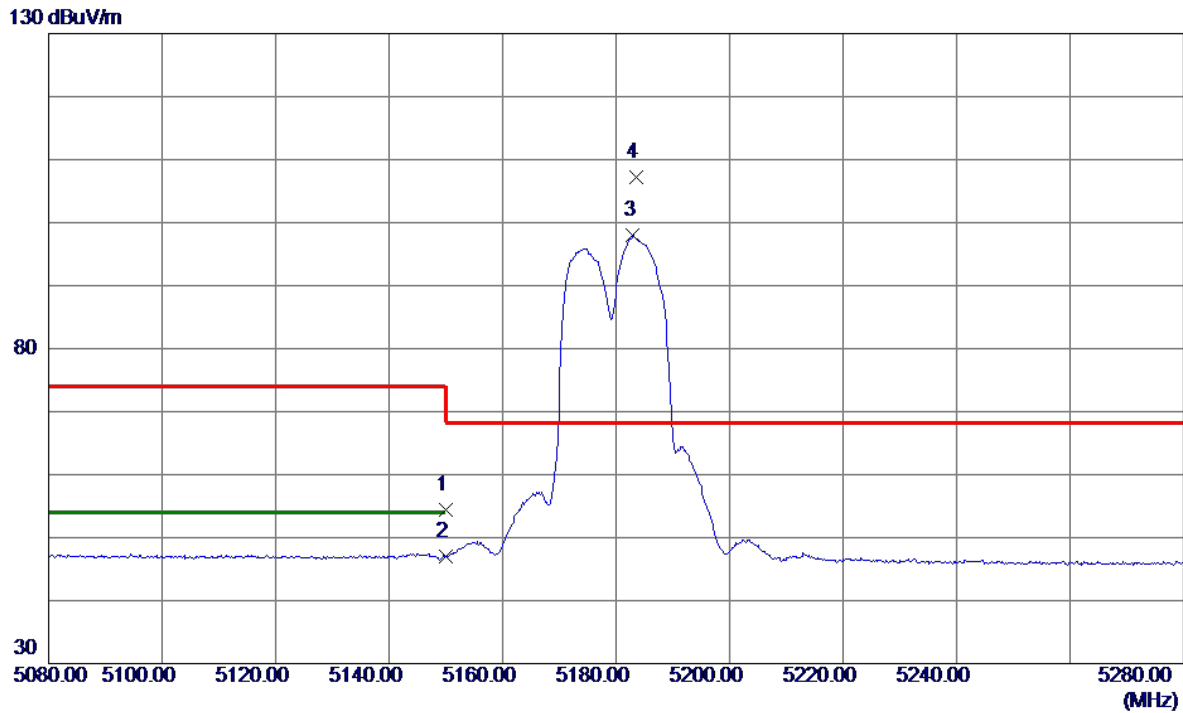


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10360.3259	52.43	15.58	68.01	68.20	-0.19	Peak	

**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	Horizontal
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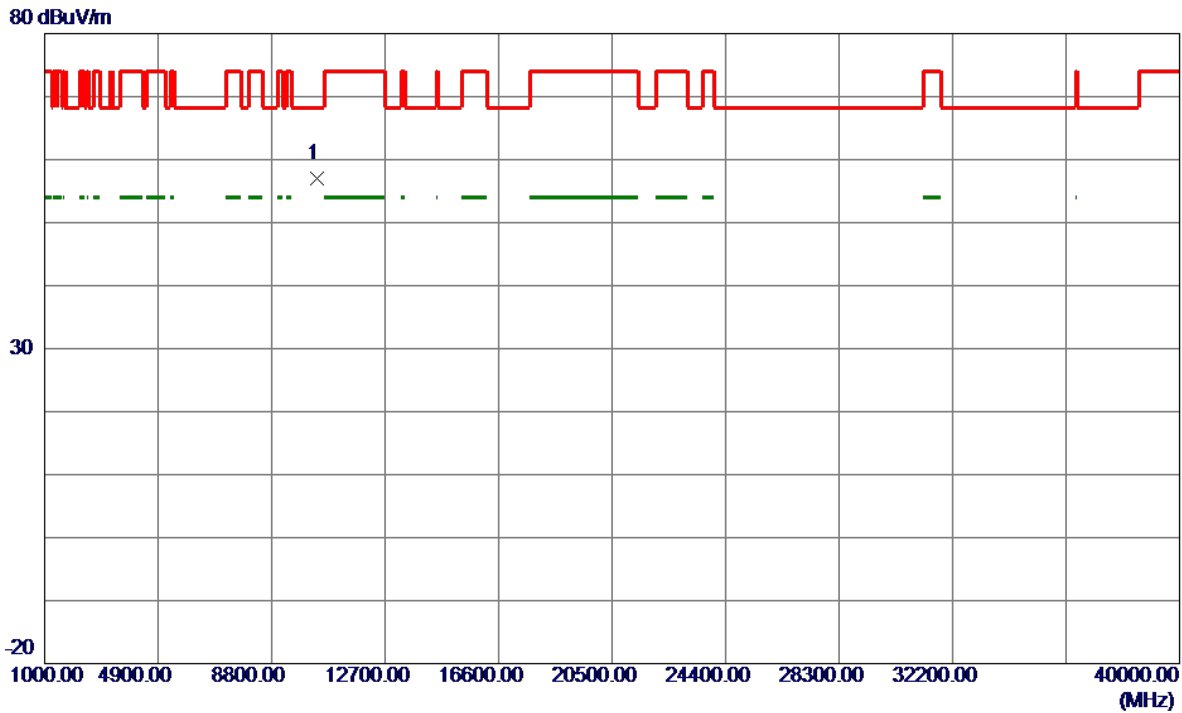


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	36.39	18.05	54.44	74.00	-19.56	Peak	
2	5150.0000	29.03	18.05	47.08	54.00	-6.92	AVG	
3	5183.0000	79.84	18.15	97.99	999.00	-901.01	AVG	No Limit
4 *	5183.6000	89.07	18.15	107.22	68.20	39.02	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 5180 MHz	Polarization	Horizontal
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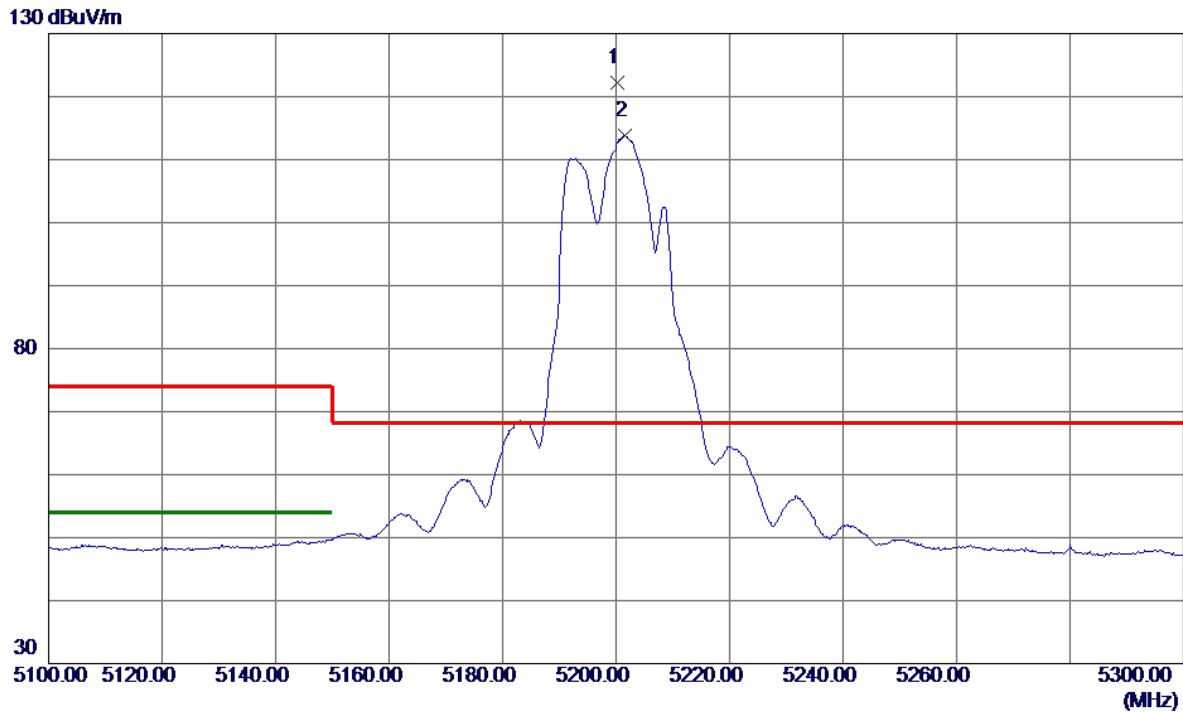


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10359.3160	41.40	15.58	56.98	68.20	-11.22	Peak	

**REMARKS:**

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

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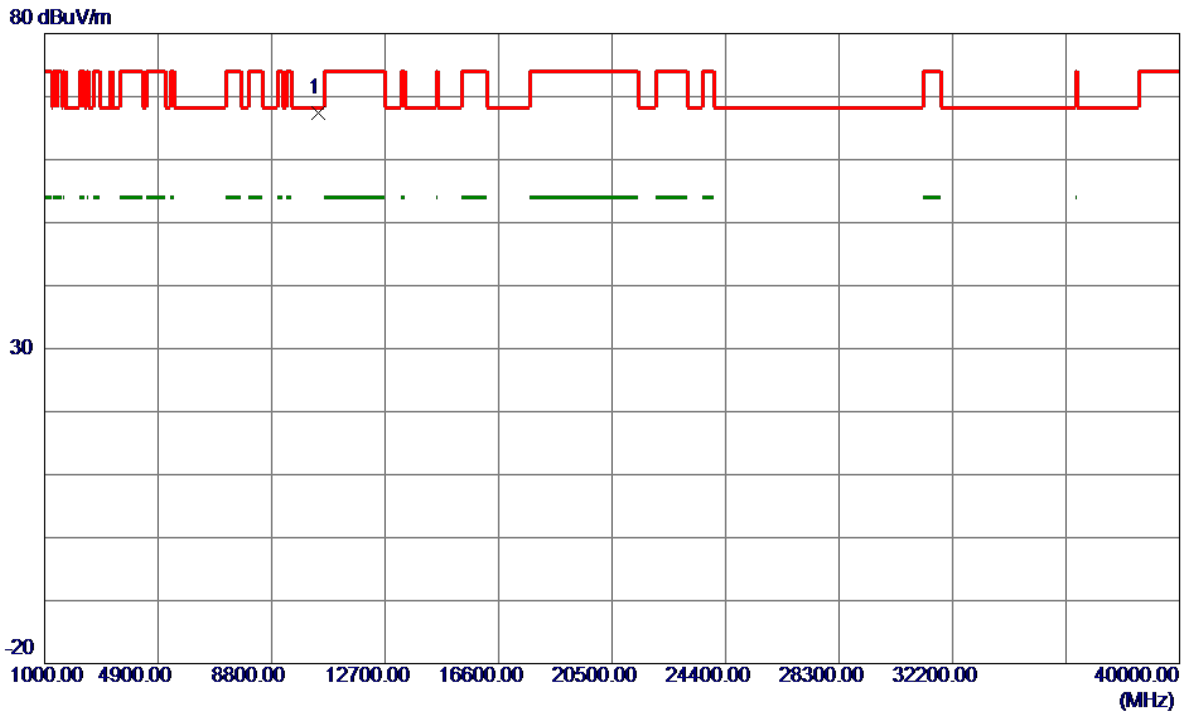


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5200.3000	104.09	18.20	122.29	68.20	54.09	Peak	No Limit
2	5201.6000	95.60	18.20	113.80	999.00	-885.20	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical
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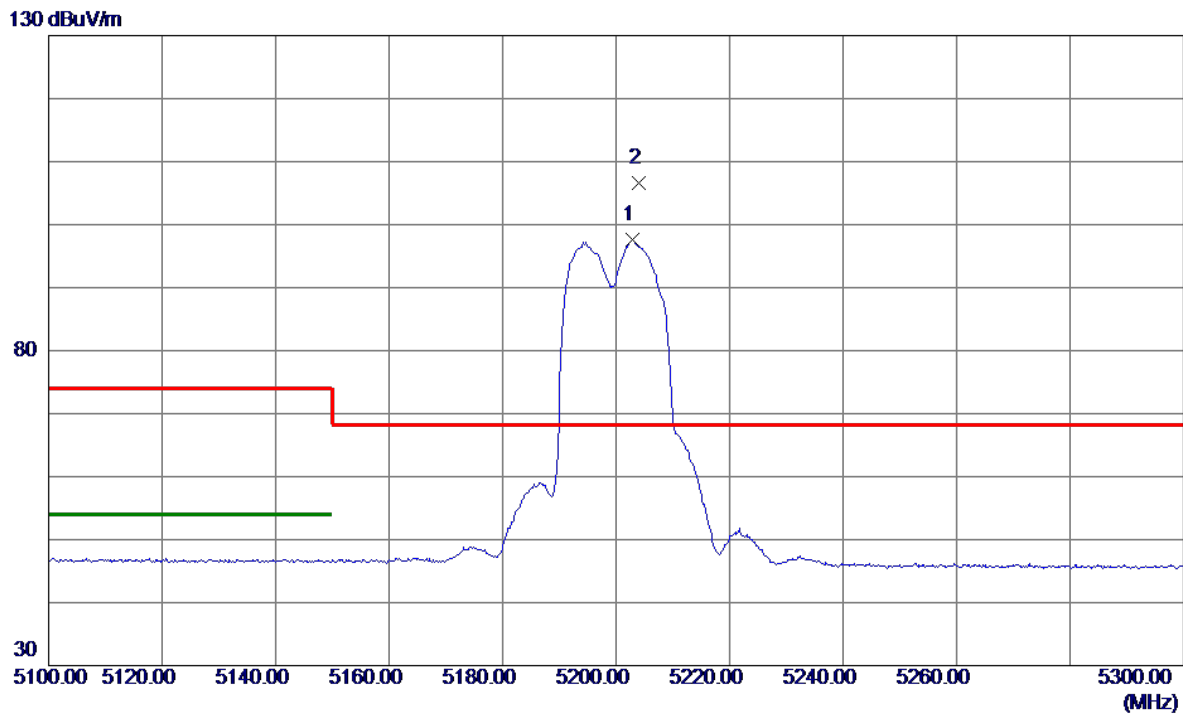
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10402.3210	51.67	15.64	67.31	68.20	-0.89	Peak	

**REMARKS:**

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



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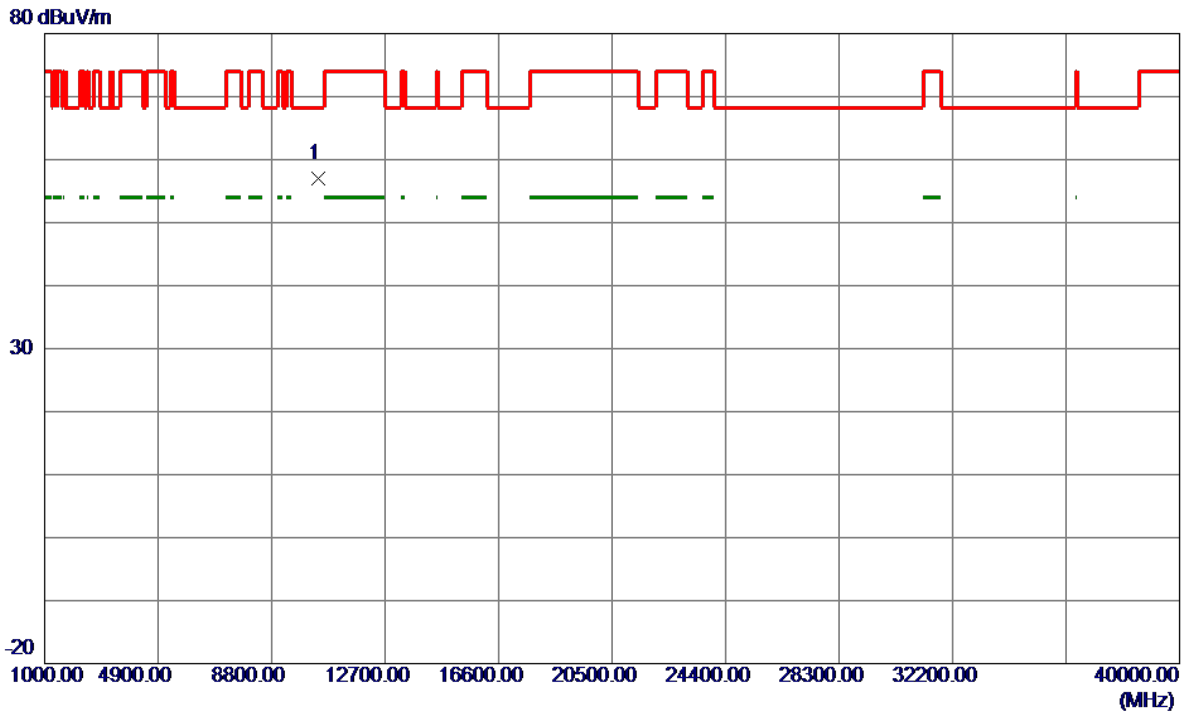


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5202.9000	79.40	18.21	97.61	999.00	-901.39	AVG	No Limit
2 *	5203.9000	88.32	18.21	106.53	68.20	38.33	Peak	No Limit

**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	Horizontal
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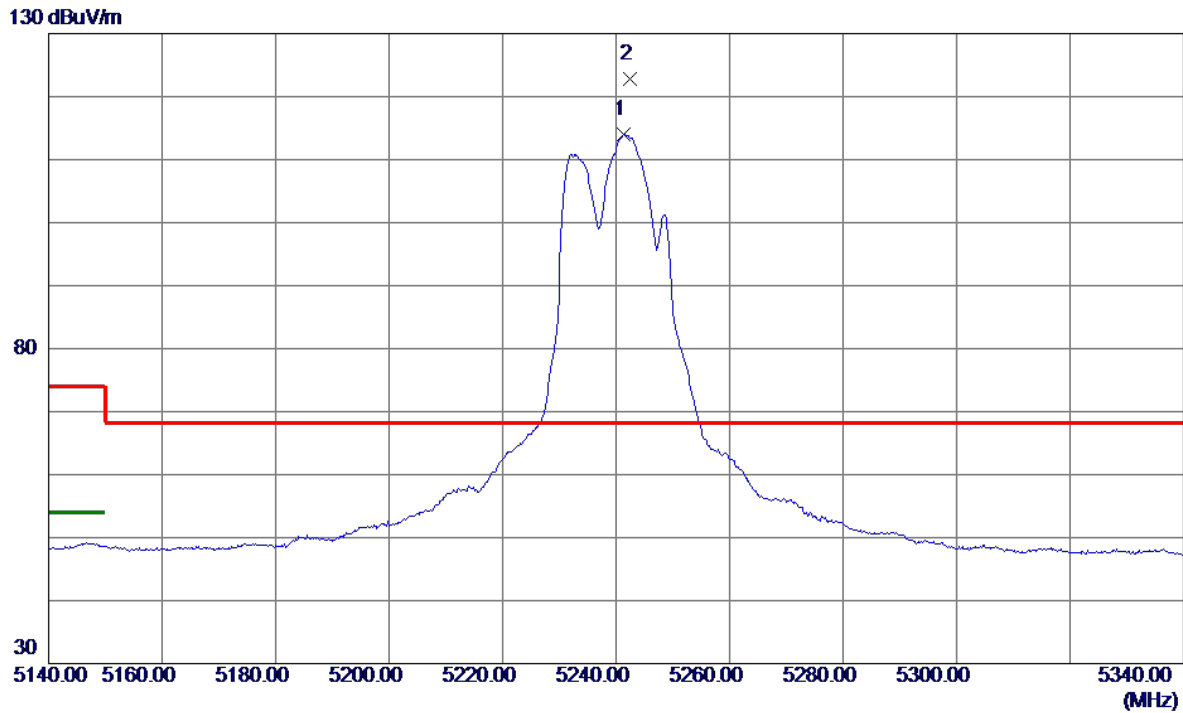


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10400.0880	41.34	15.64	56.98	68.20	-11.22	Peak	

**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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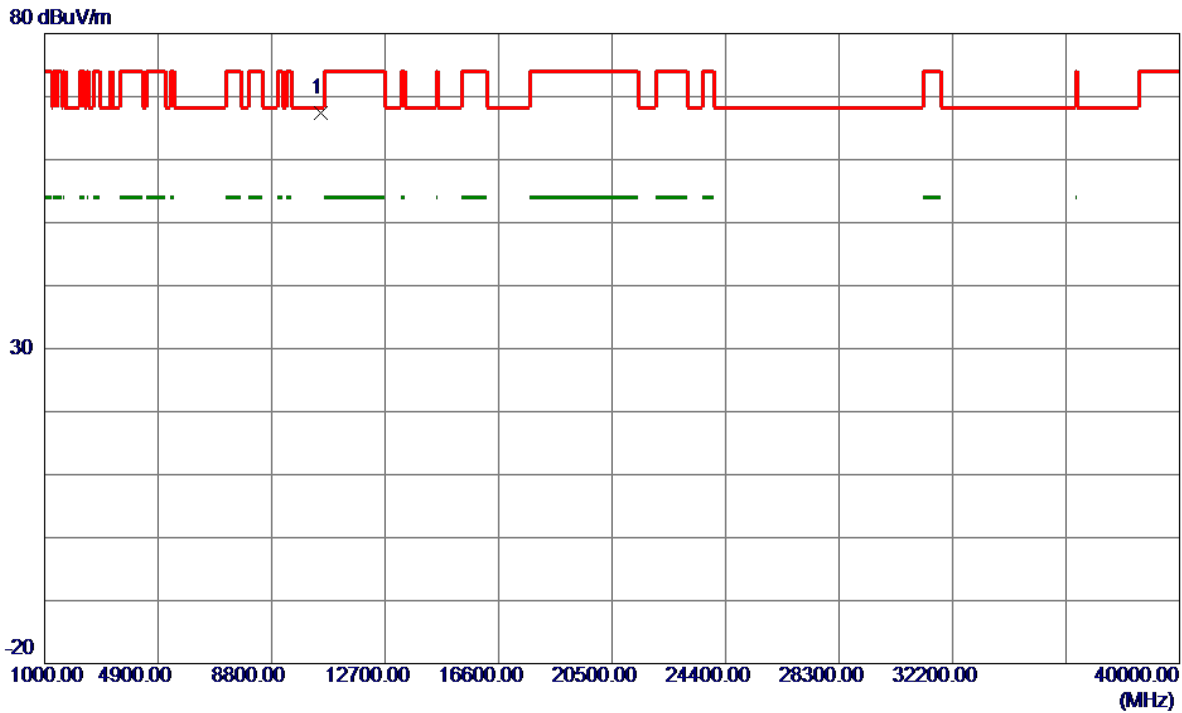


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5241.3000	95.71	18.33	114.04	999.00	-884.96	AVG	No Limit
2 *	5242.5000	104.49	18.33	122.82	68.20	54.62	Peak	No Limit

**REMARKS:**

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

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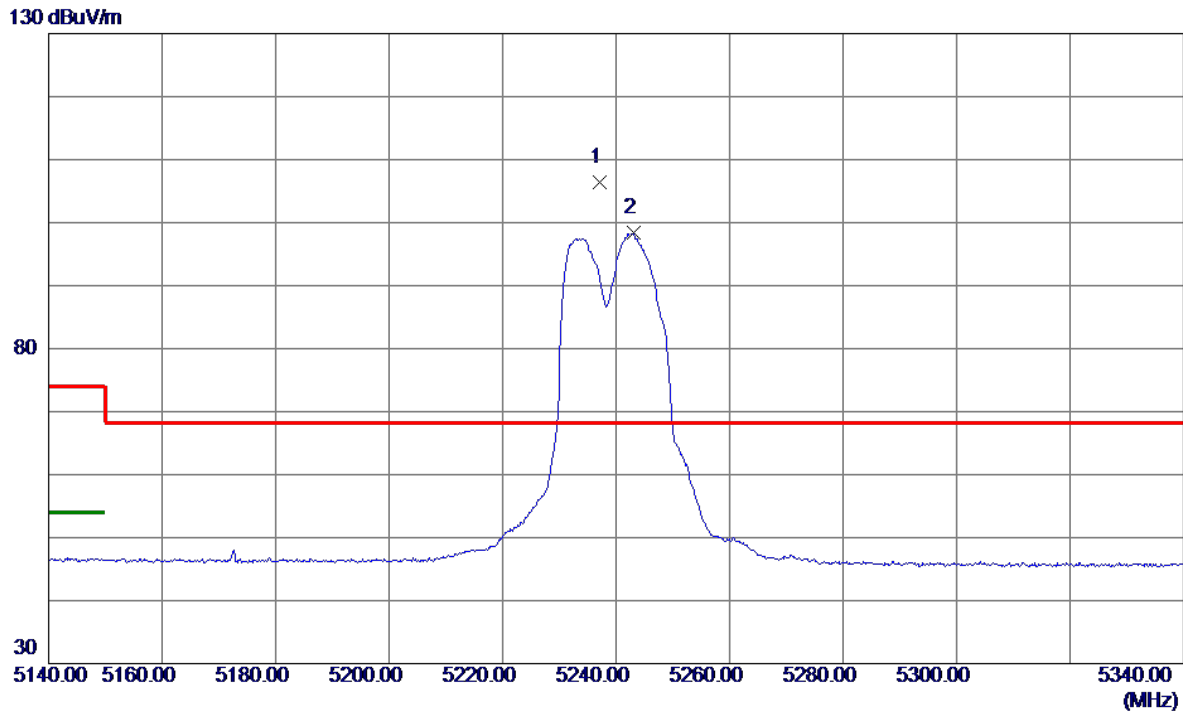


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10481.9250	51.66	15.75	67.41	68.20	-0.79	Peak	

**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	Horizontal
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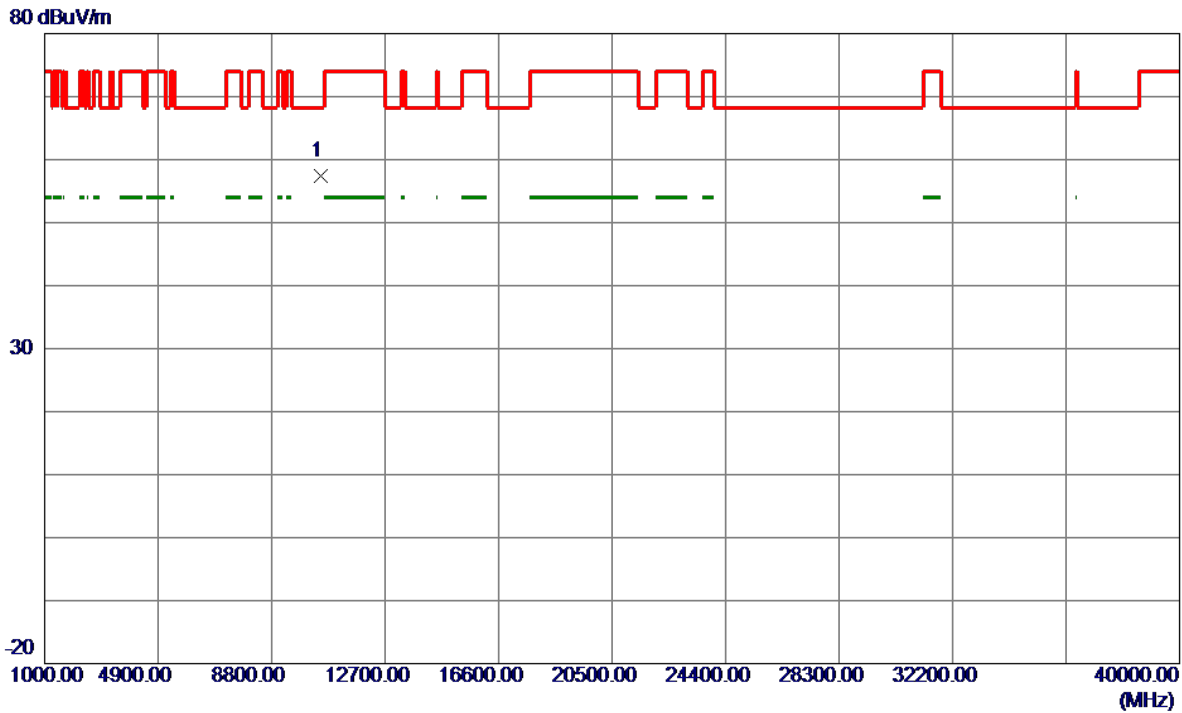


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5237.1000	88.07	18.31	106.38	68.20	38.18	Peak	No Limit
2	5243.2000	80.03	18.33	98.36	999.00	-900.64	AVG	No Limit

**REMARKS:**

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

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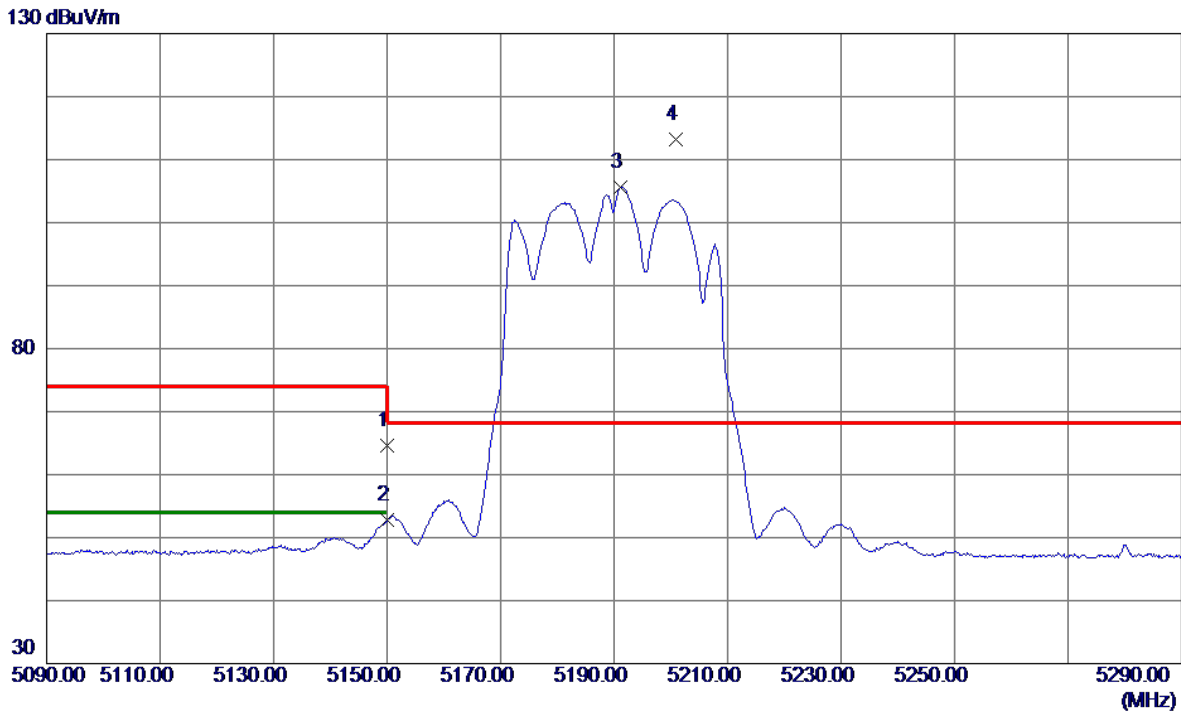


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10481.1150	41.58	15.74	57.32	68.20	-10.88	Peak	

**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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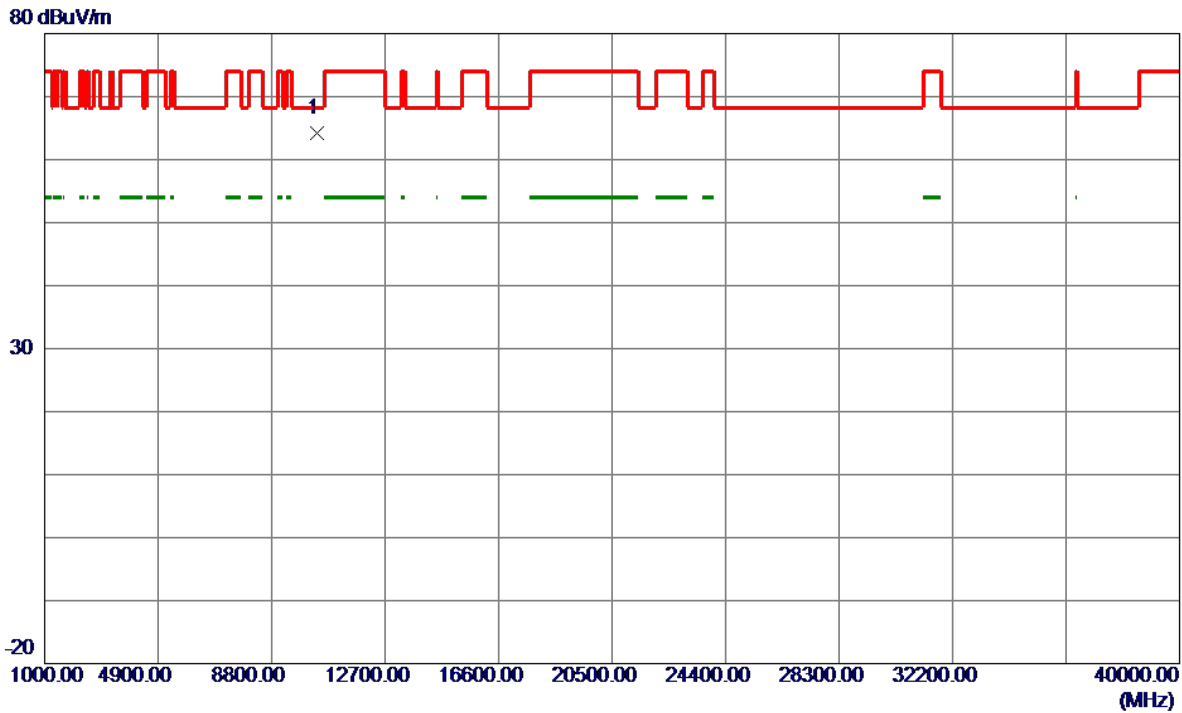


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	46.53	18.05	64.58	74.00	-9.42	Peak	
2	5150.0000	34.73	18.05	52.78	54.00	-1.22	AVG	
3	5191.1000	87.50	18.17	105.67	999.00	-893.33	AVG	No Limit
4 *	5200.8000	94.96	18.20	113.16	68.20	44.96	Peak	No Limit

**REMARKS:**

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

Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical
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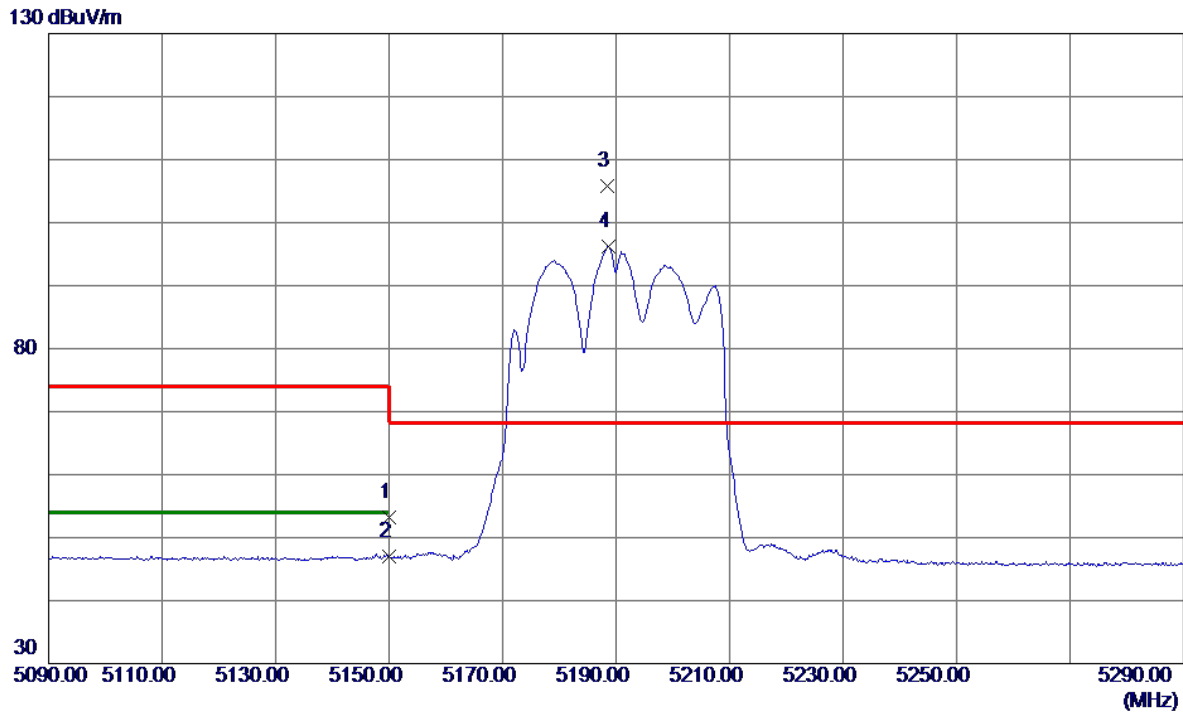
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10381.3400	48.63	15.61	64.24	68.20	-3.96	Peak	

**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	Horizontal
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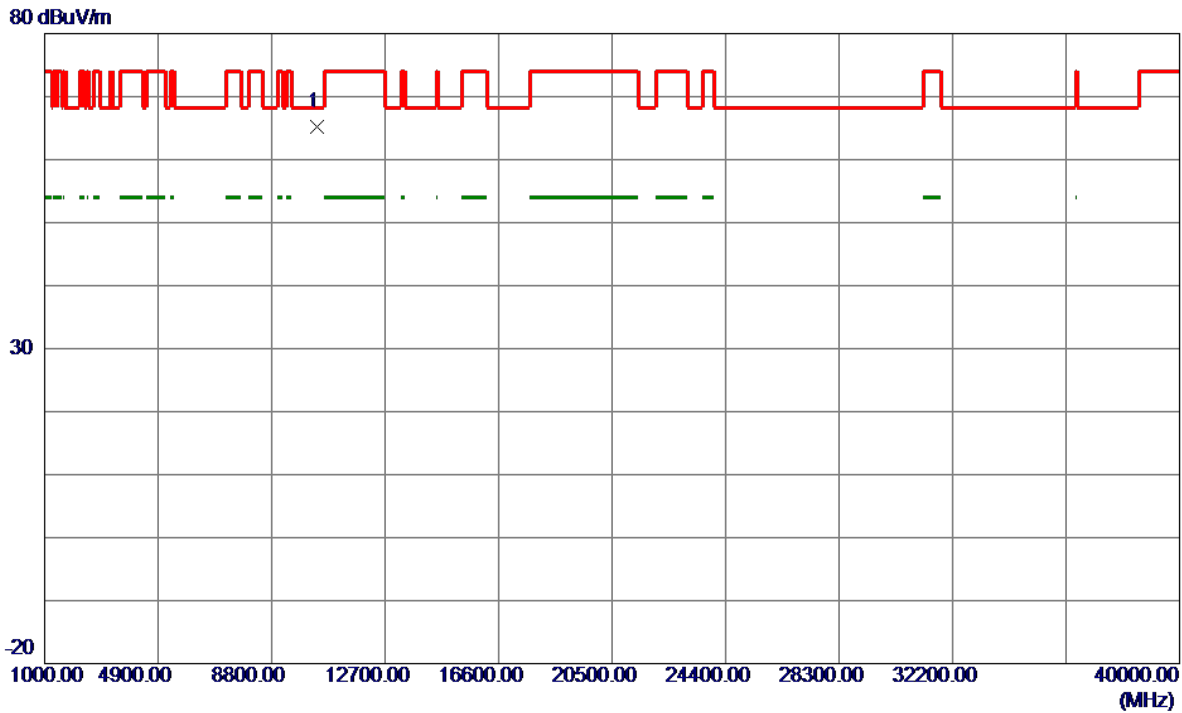


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	35.22	18.05	53.27	74.00	-20.73	Peak	
2	5150.0000	28.97	18.05	47.02	54.00	-6.98	AVG	
3 *	5188.5000	87.67	18.16	105.83	68.20	37.63	Peak	No Limit
4	5188.6000	78.06	18.16	96.22	999.00	-902.78	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	Horizontal
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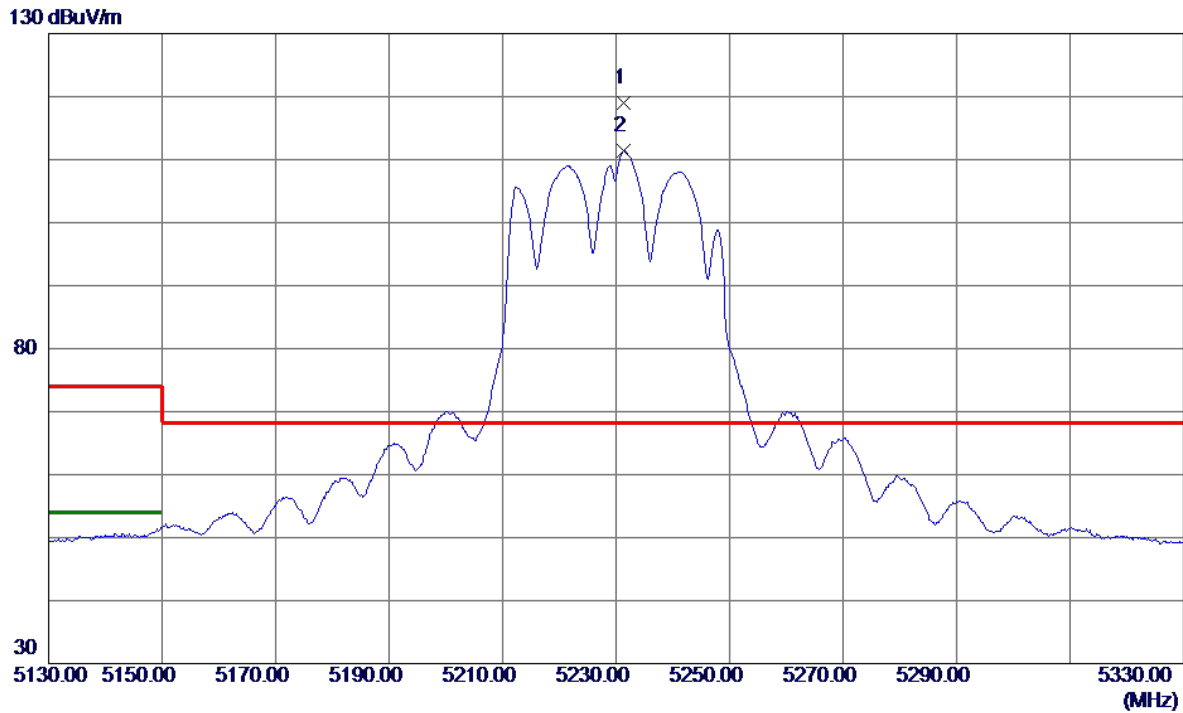


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10380.4700	49.62	15.61	65.23	68.20	-2.97	Peak	

**REMARKS:**

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

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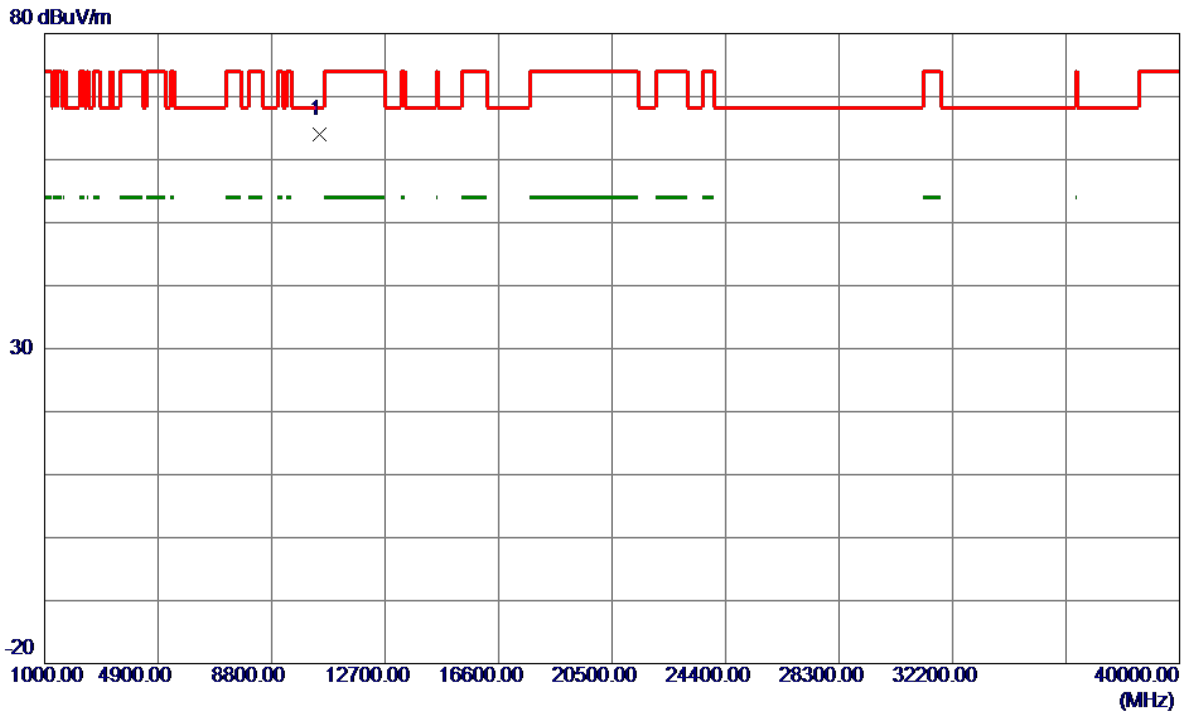


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5231.4000	100.62	18.30	118.92	68.20	50.72	Peak	No Limit
2	5231.4000	93.14	18.30	111.44	999.00	-887.56	AVG	No Limit

**REMARKS:**

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

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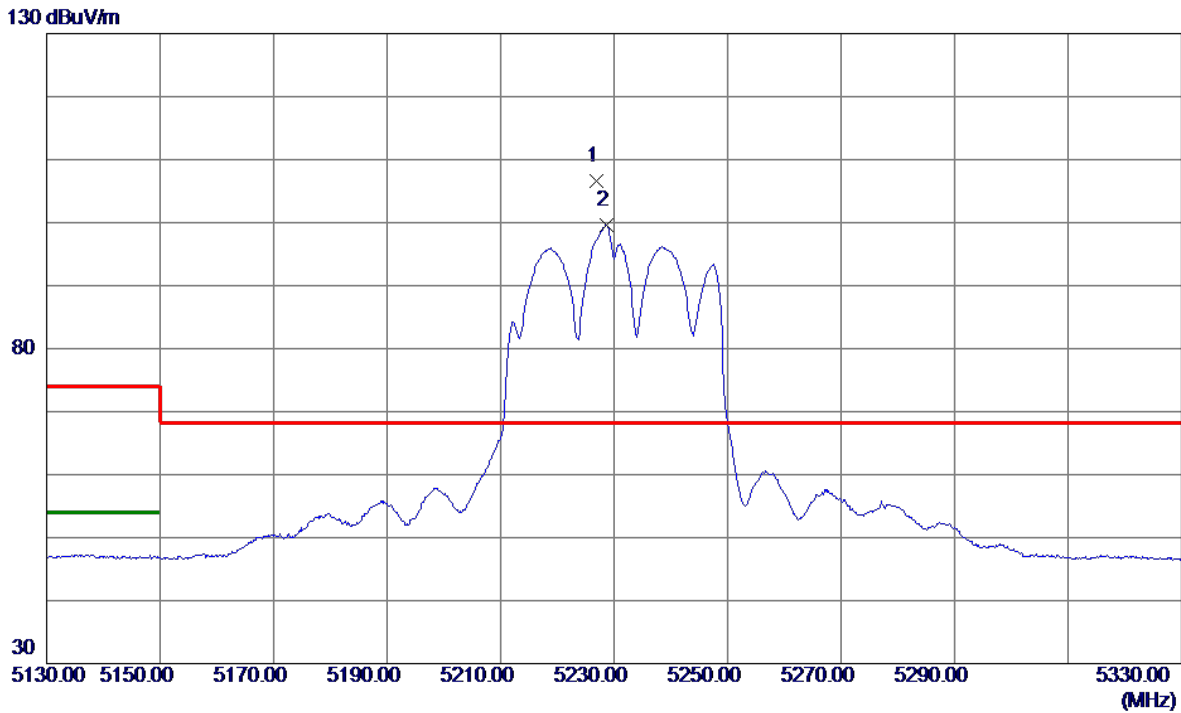


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10460.8850	48.28	15.72	64.00	68.20	-4.20	Peak	

**REMARKS:**

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

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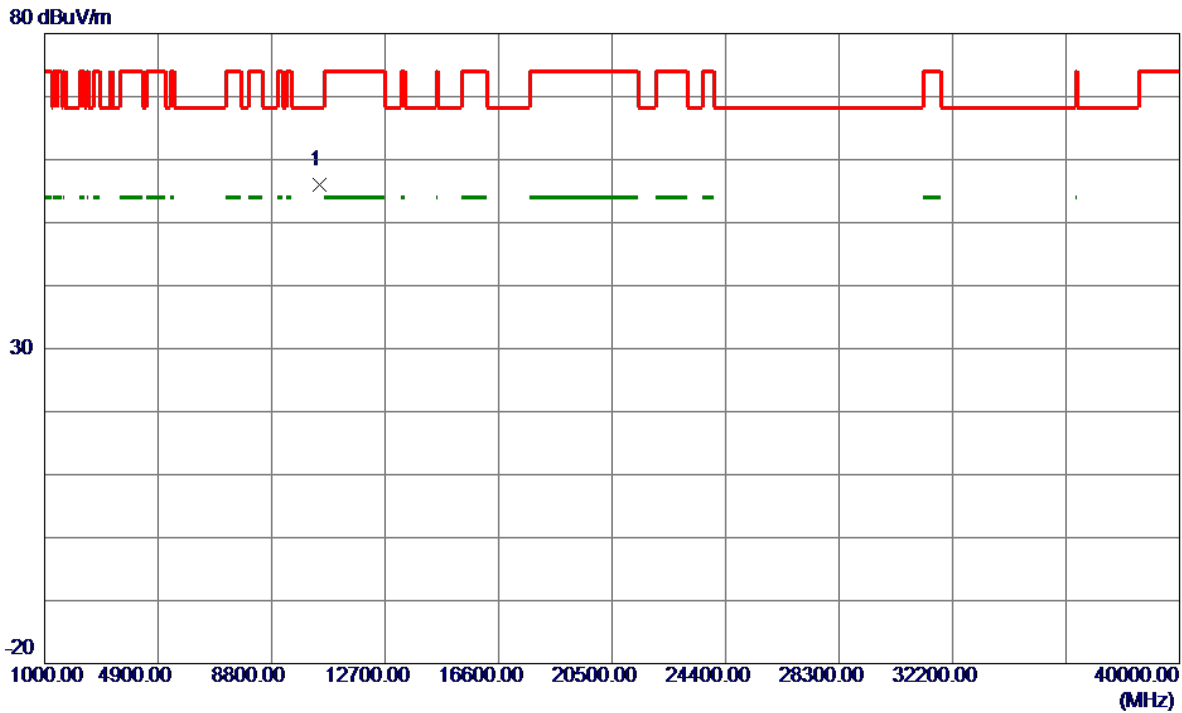


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5226.9000	88.35	18.28	106.63	68.20	38.43	Peak	No Limit
2	5228.6000	81.27	18.29	99.56	999.00	-899.44	AVG	No Limit

**REMARKS:**

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

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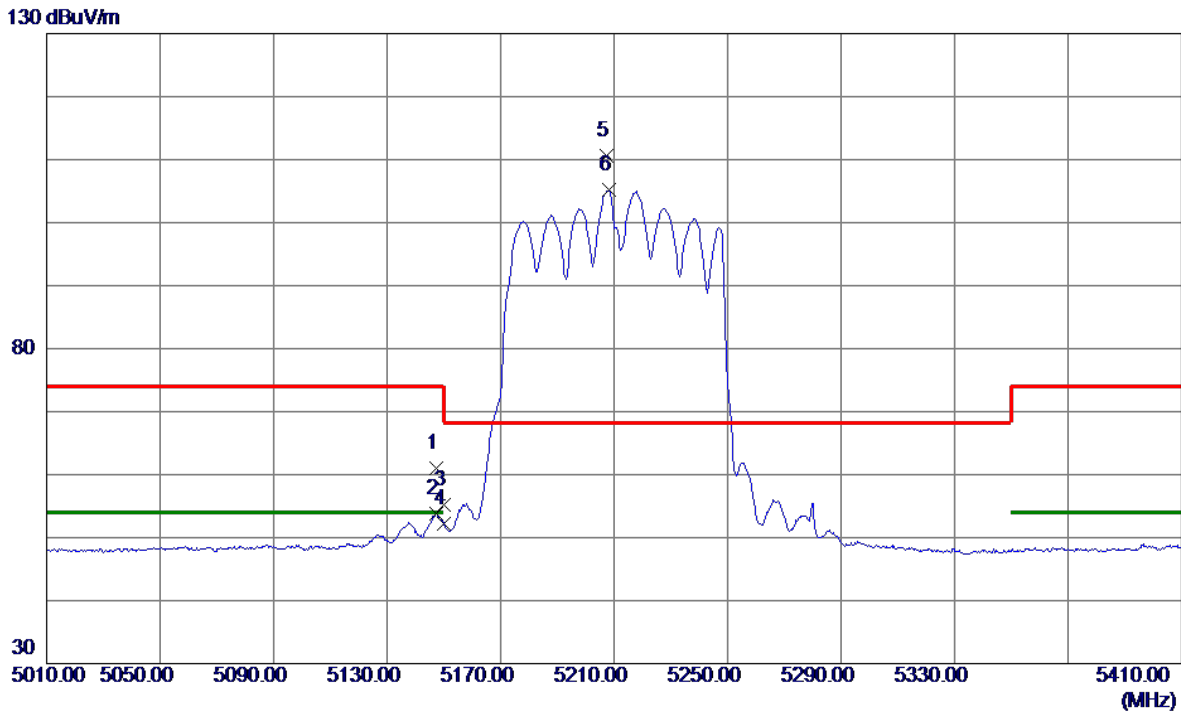


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10460.8350	40.27	15.72	55.99	68.20	-12.21	Peak	

**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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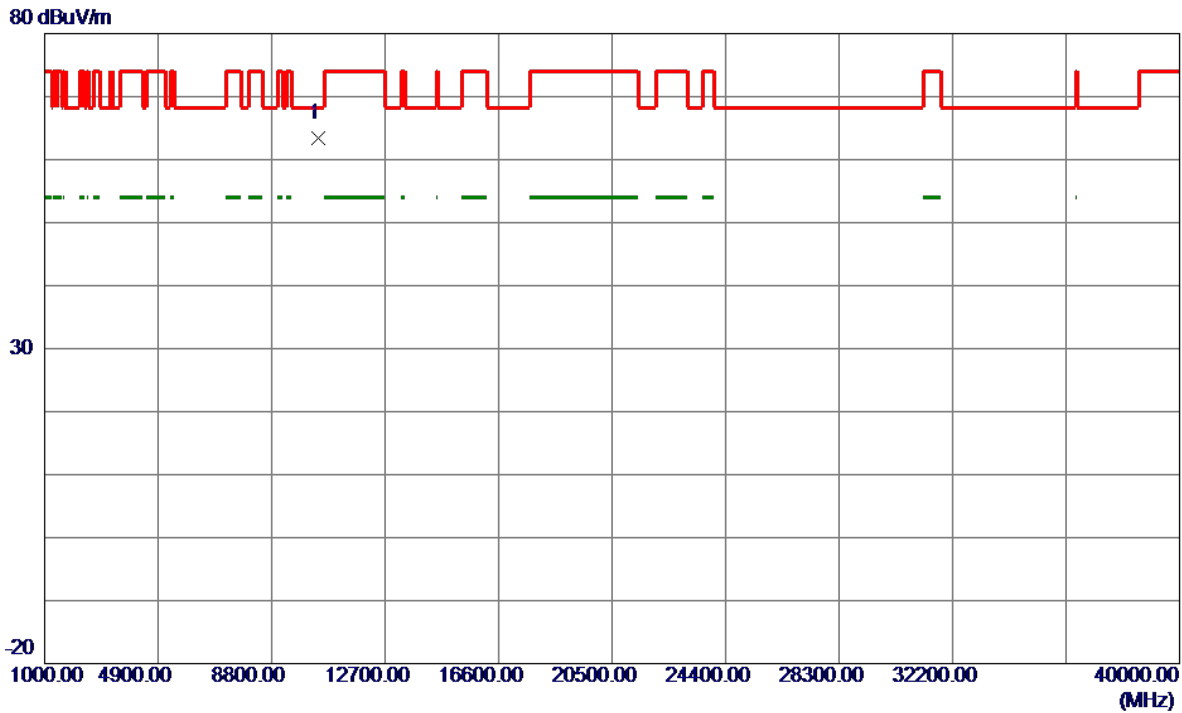


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5147.4000	42.87	18.04	60.91	74.00	-13.09	Peak	
2	5147.4000	35.73	18.04	53.77	54.00	-0.23	AVG	
3	5150.0000	37.08	18.05	55.13	74.00	-18.87	Peak	
4	5150.0000	34.17	18.05	52.22	54.00	-1.78	AVG	
5 *	5207.4000	92.44	18.22	110.66	68.20	42.46	Peak	No Limit
6	5208.4000	87.06	18.23	105.29	999.00	-893.71	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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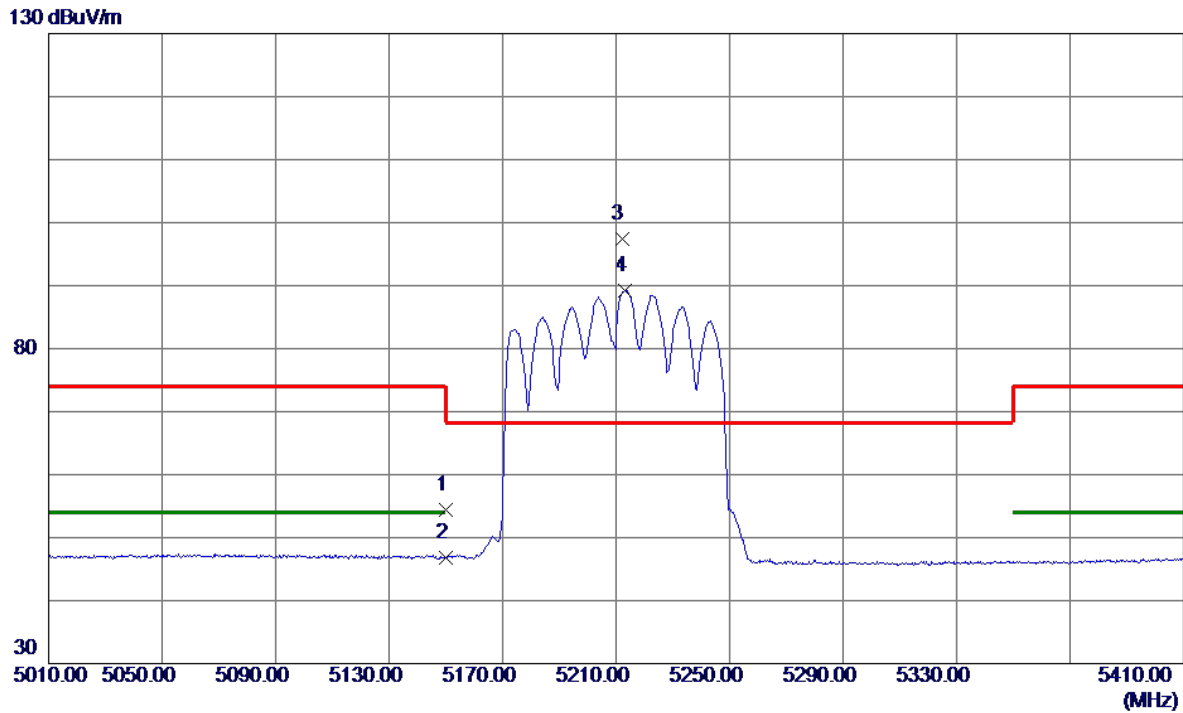
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10420.9450	47.77	15.66	63.43	68.20	-4.77	Peak	

**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	Horizontal
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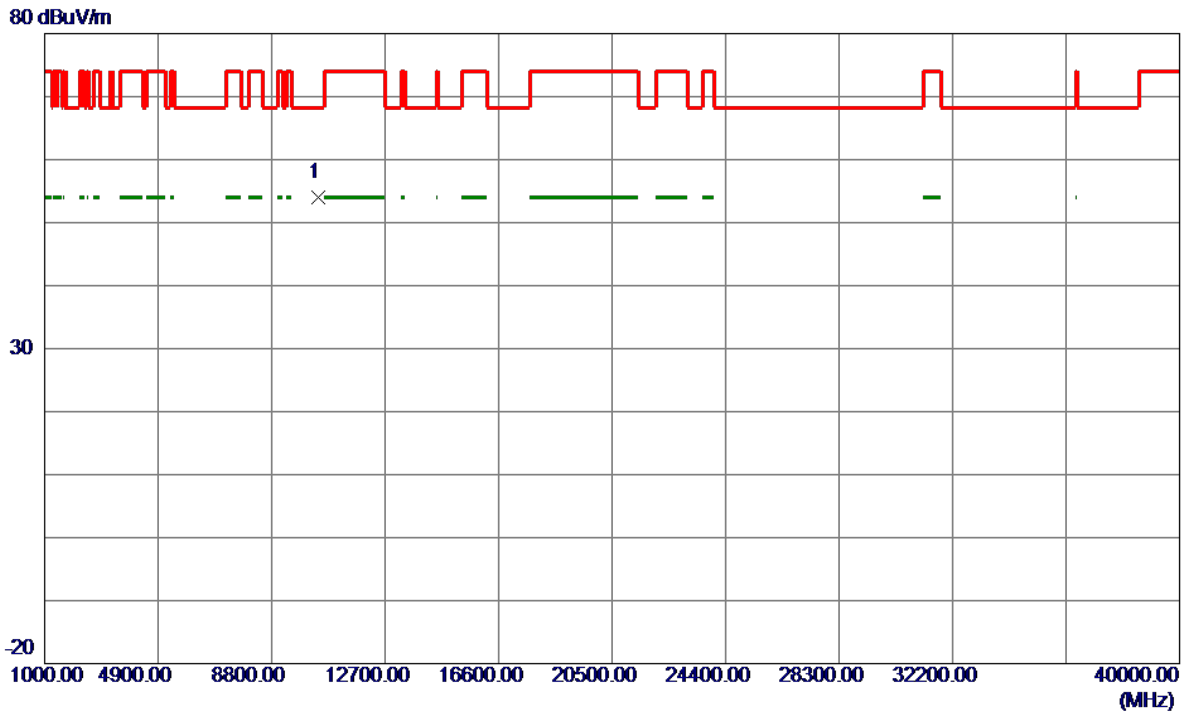


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	36.44	18.05	54.49	74.00	-19.51	Peak	
2	5150.0000	28.72	18.05	46.77	54.00	-7.23	AVG	
3 *	5212.0000	79.11	18.24	97.35	68.20	29.15	Peak	No Limit
4	5213.2000	71.00	18.24	89.24	999.00	-909.76	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	Horizontal
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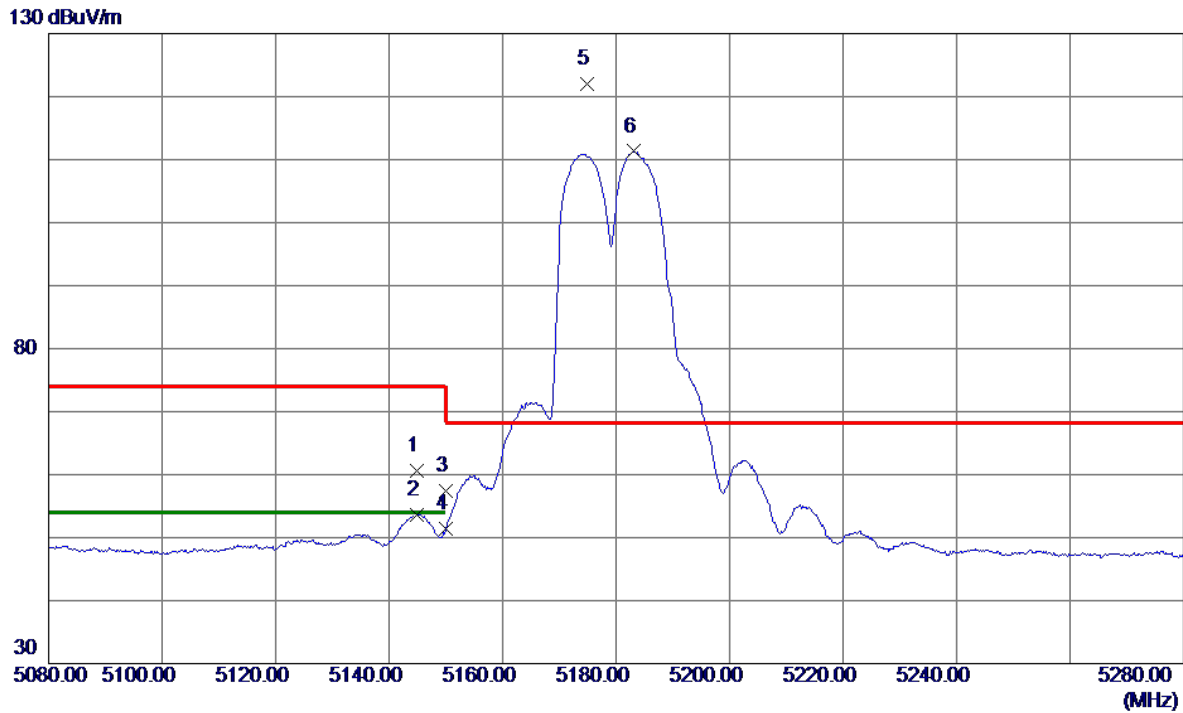


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10422.3750	38.26	15.67	53.93	68.20	-14.27	Peak	

**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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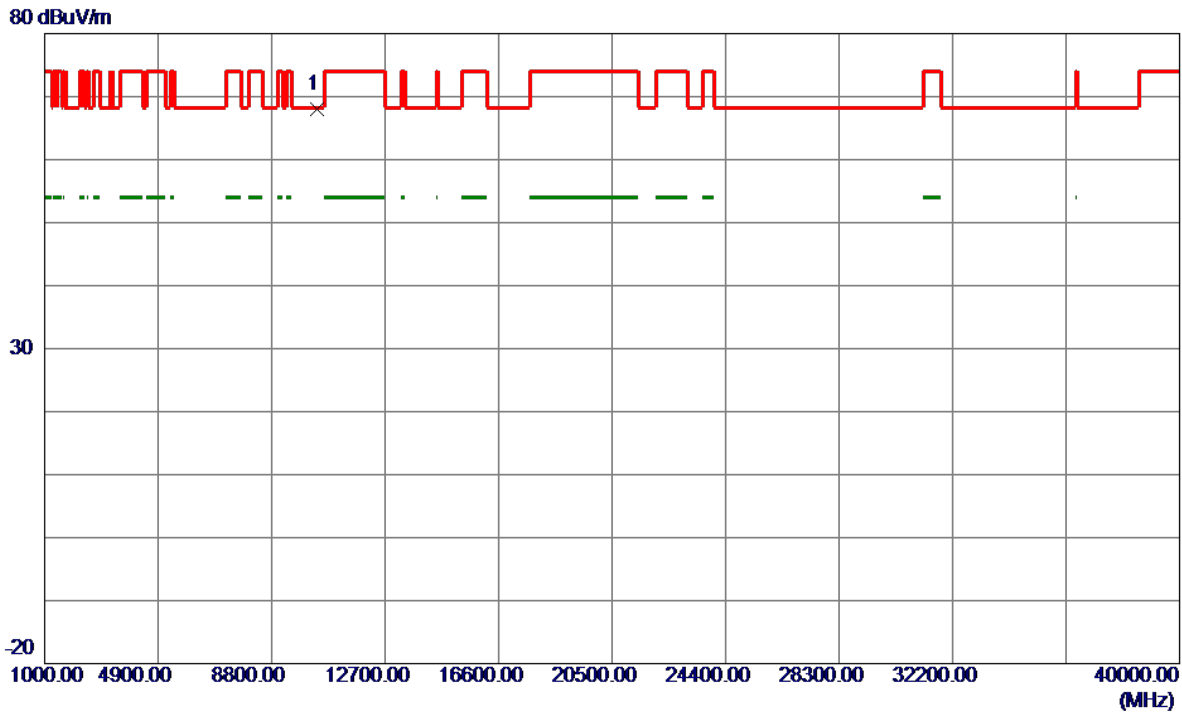


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5144.9000	42.65	18.03	60.68	74.00	-13.32	Peak	
2	5144.9000	35.62	18.03	53.65	54.00	-0.35	AVG	
3	5150.0000	39.34	18.05	57.39	74.00	-16.61	Peak	
4	5150.0000	33.32	18.05	51.37	54.00	-2.63	AVG	
5 *	5174.8000	103.79	18.12	121.91	68.20	53.71	Peak	No Limit
6	5183.1000	93.15	18.15	111.30	999.00	-887.70	AVG	No Limit

**REMARKS:**

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

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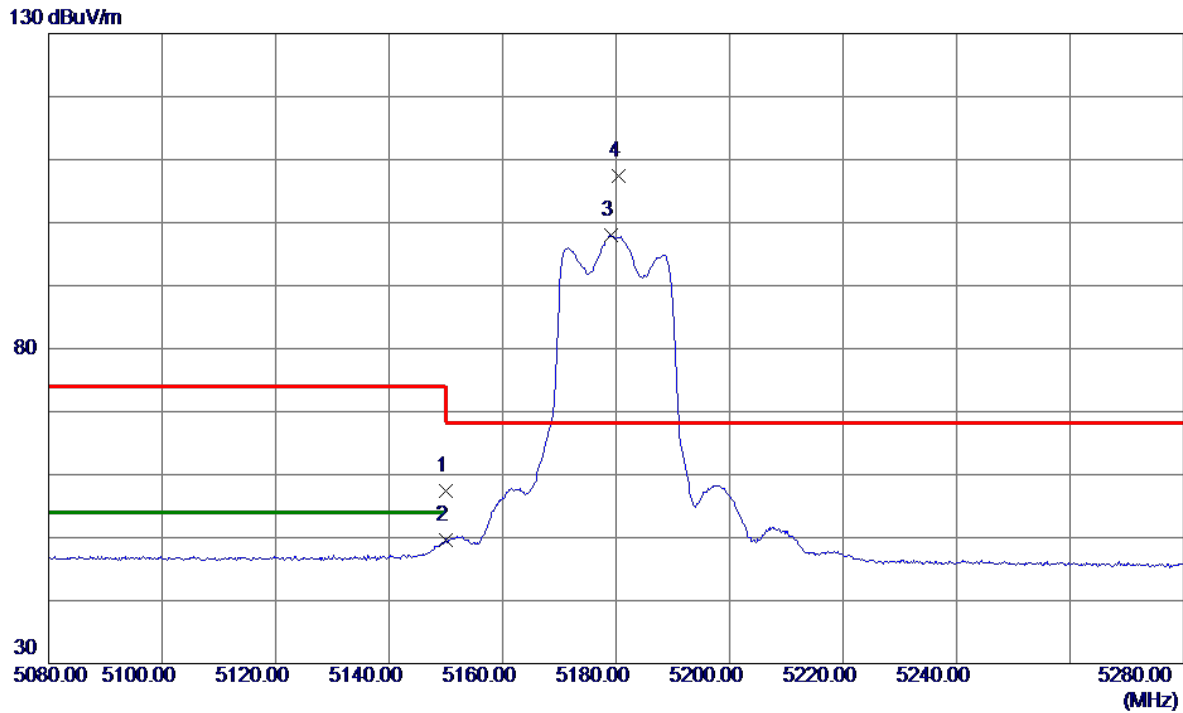


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10360.3200	52.33	15.58	67.91	68.20	-0.29	Peak	

**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	Horizontal
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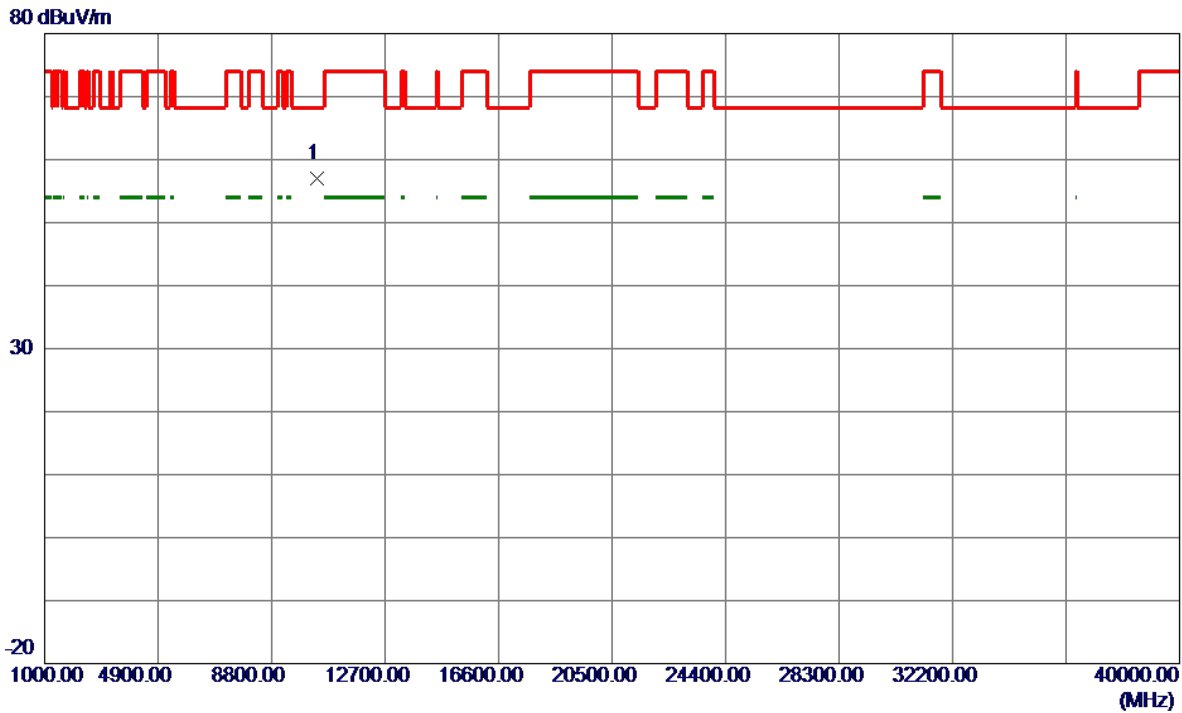


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	39.36	18.05	57.41	74.00	-16.59	Peak	
2	5150.0000	31.64	18.05	49.69	54.00	-4.31	AVG	
3	5179.1000	79.91	18.14	98.05	999.00	-900.95	AVG	No Limit
4 *	5180.5000	89.24	18.14	107.38	68.20	39.18	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	Horizontal
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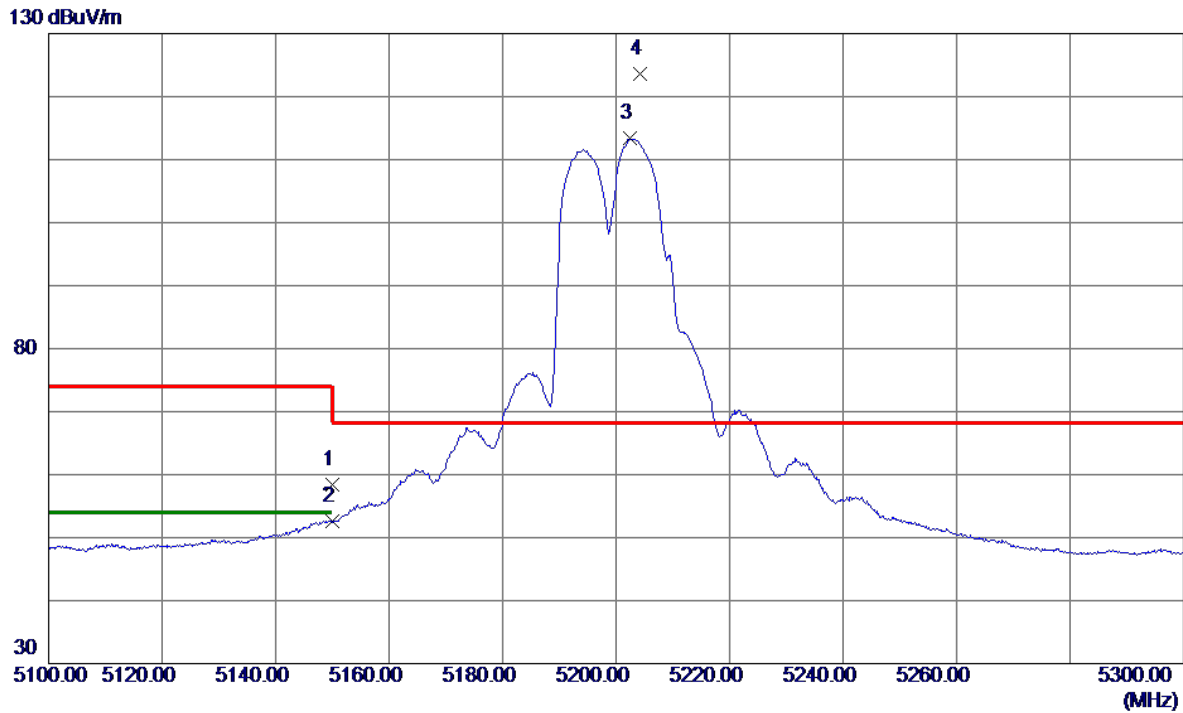


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10360.5460	41.43	15.58	57.01	68.20	-11.19	Peak	

**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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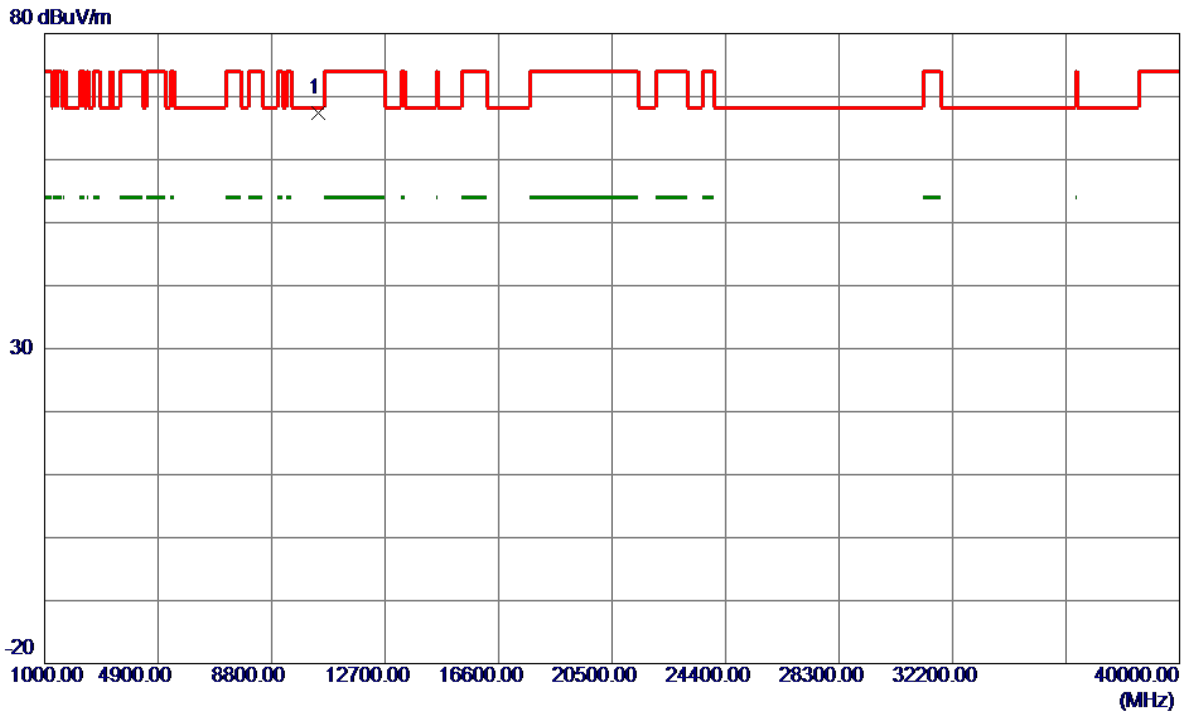


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	40.37	18.05	58.42	74.00	-15.58	Peak	
2	5150.0000	34.54	18.05	52.59	54.00	-1.41	AVG	
3	5202.5000	95.20	18.21	113.41	999.00	-885.59	AVG	No Limit
4 *	5204.2000	105.41	18.21	123.62	68.20	55.42	Peak	No Limit

**REMARKS:**

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

Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical
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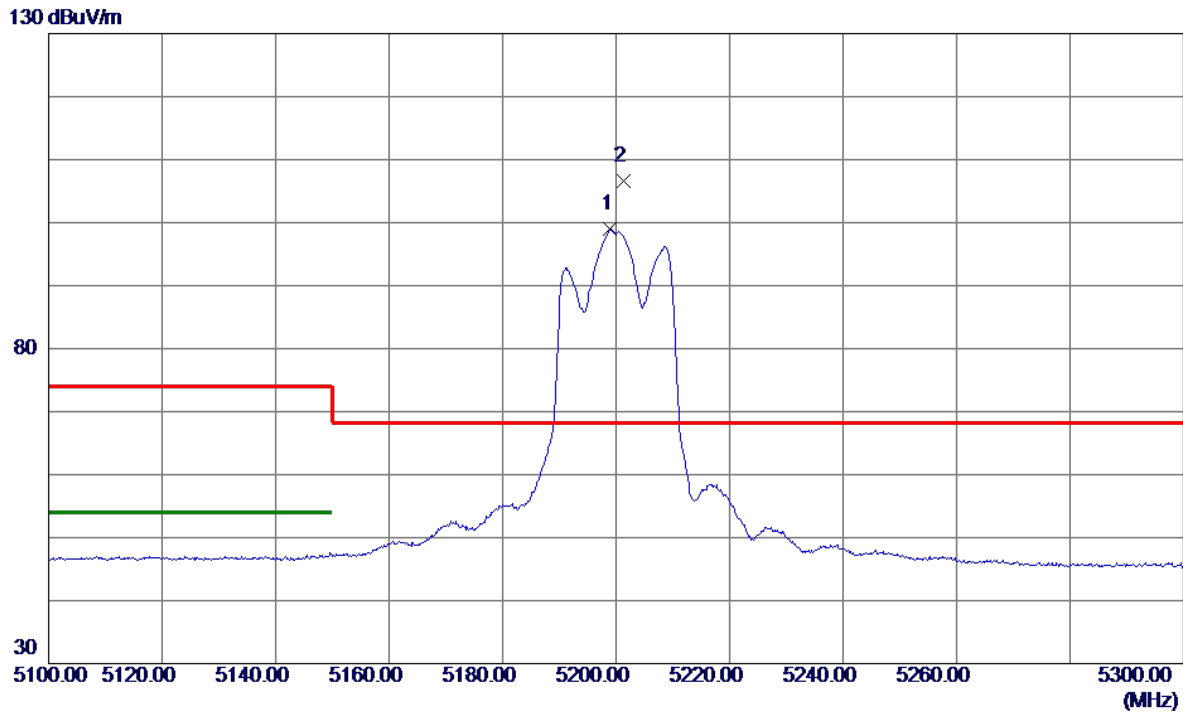
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10400.8099	51.80	15.64	67.44	68.20	-0.76	Peak	

**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	Horizontal
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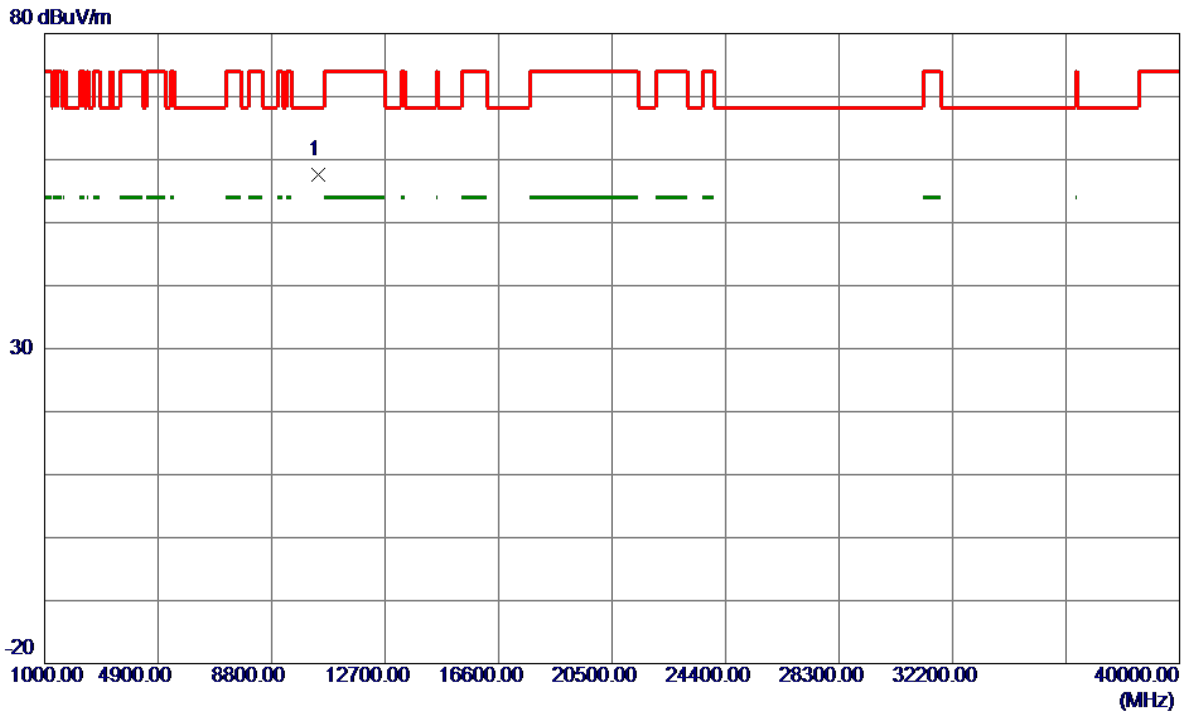


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5199.0000	80.71	18.20	98.91	999.00	-900.09	AVG	No Limit
2 *	5201.3000	88.31	18.20	106.51	68.20	38.31	Peak	No Limit

**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	Horizontal
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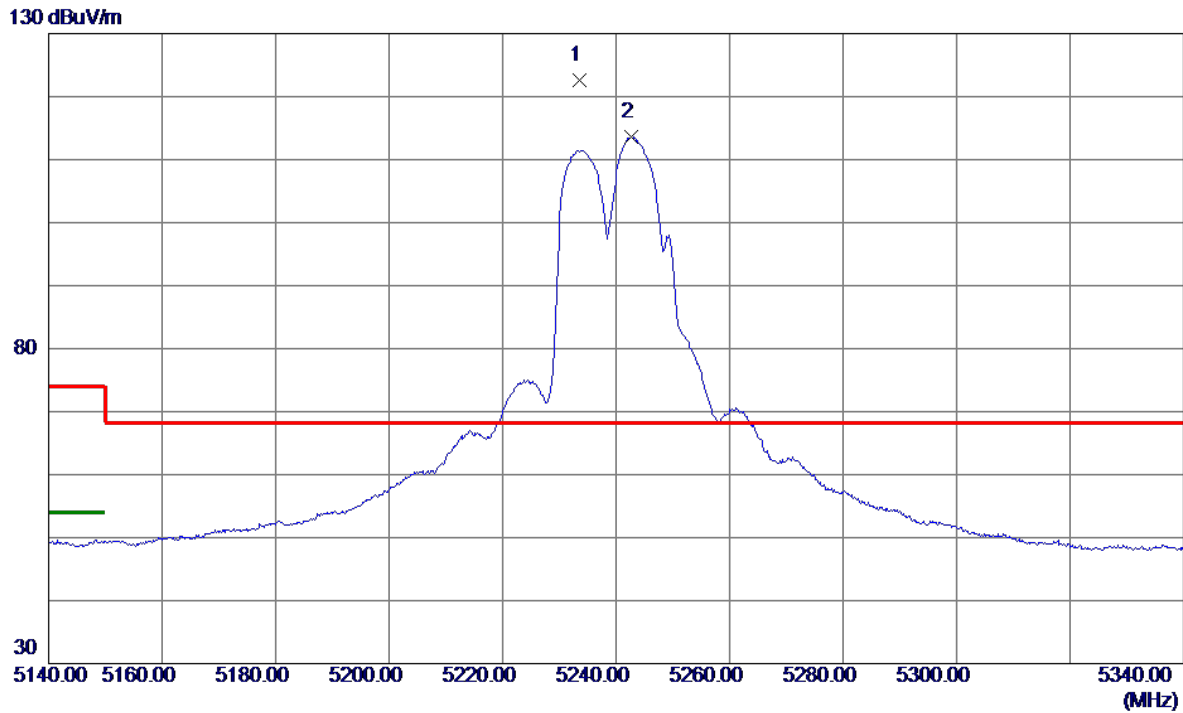


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10400.9160	41.95	15.64	57.59	68.20	-10.61	Peak	

**REMARKS:**

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

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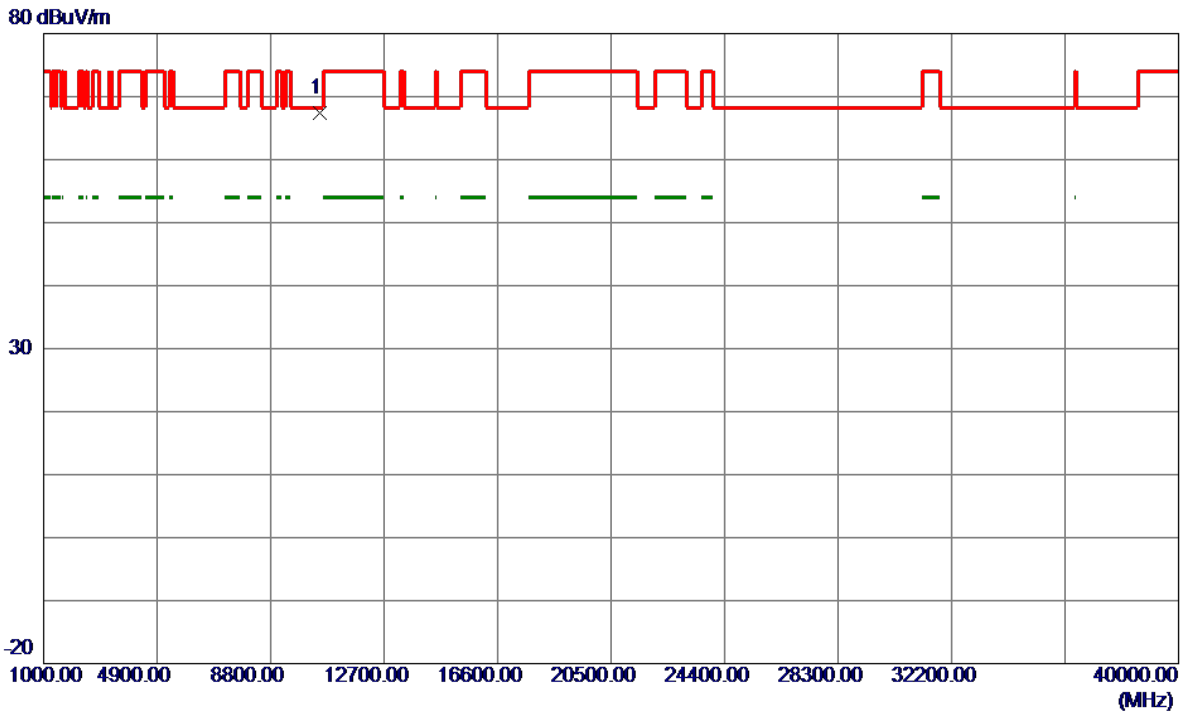


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5233.5000	104.30	18.30	122.60	68.20	54.40	Peak	No Limit
2	5242.6000	95.21	18.33	113.54	999.00	-885.46	AVG	No Limit

**REMARKS:**

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

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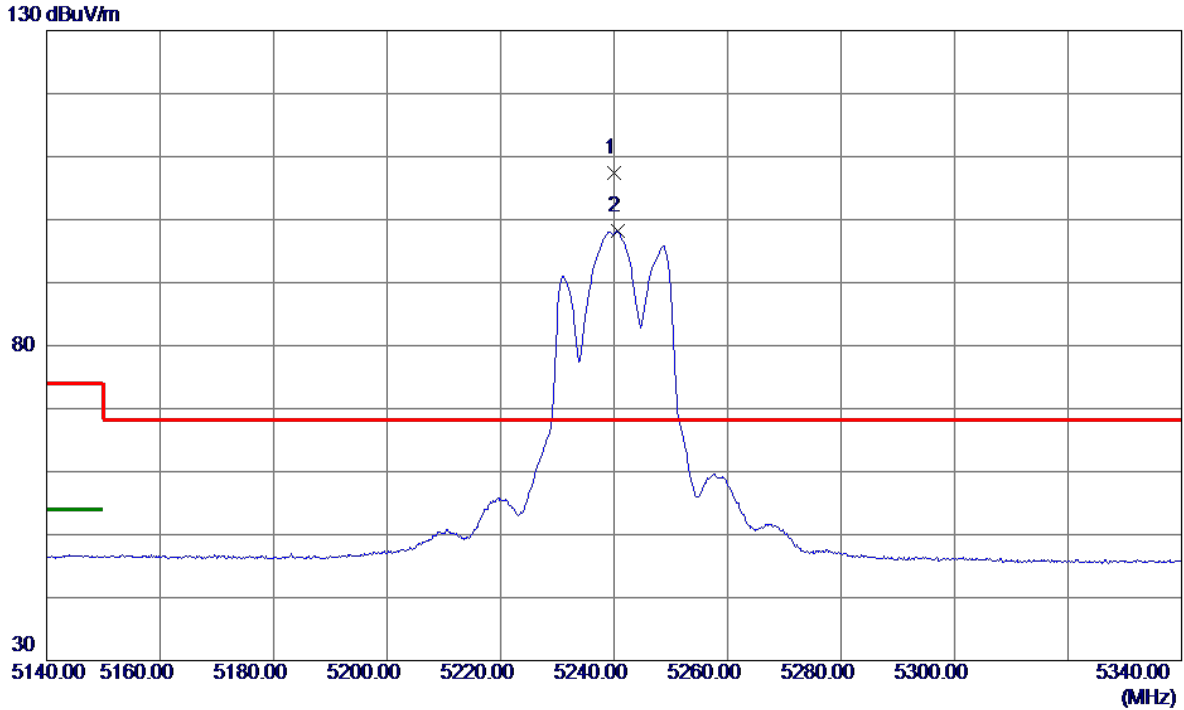


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10479.7260	51.71	15.74	67.45	68.20	-0.75	Peak	

**REMARKS:**

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

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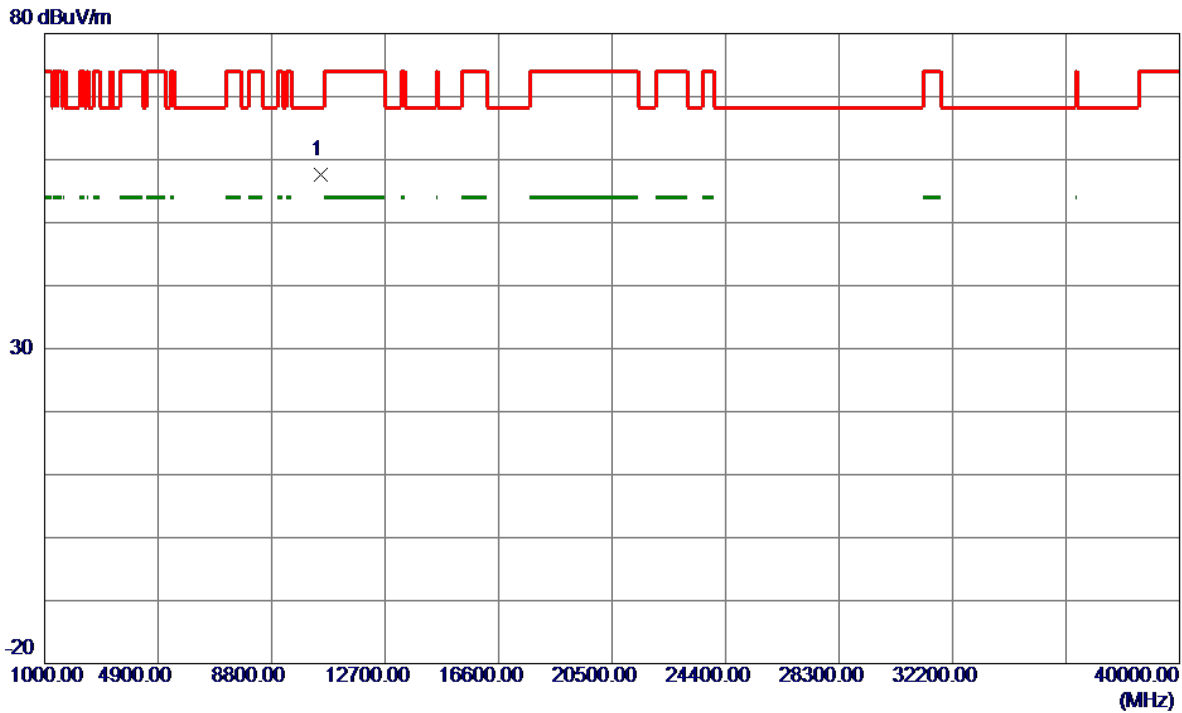


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5240.0000	88.99	18.32	107.31	68.20	39.11	Peak	No Limit
2	5240.6000	79.80	18.32	98.12	999.00	-900.88	AVG	No Limit

**REMARKS:**

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

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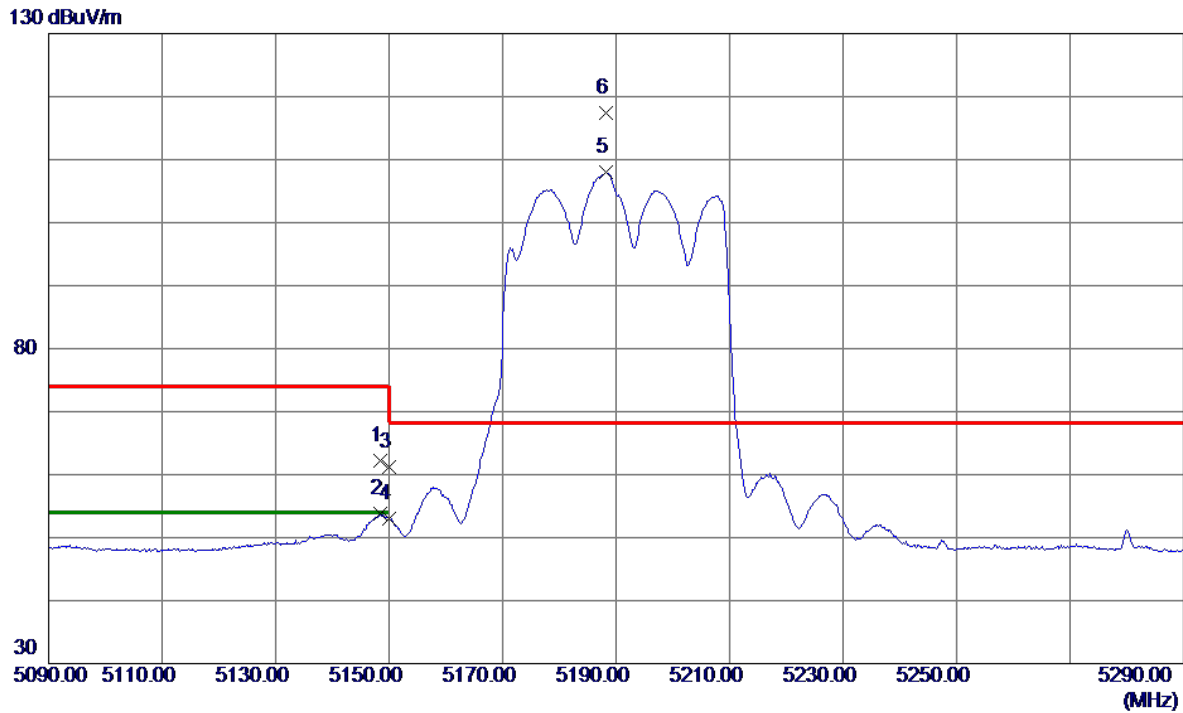


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10480.7220	41.77	15.74	57.51	68.20	-10.69	Peak	

**REMARKS:**

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

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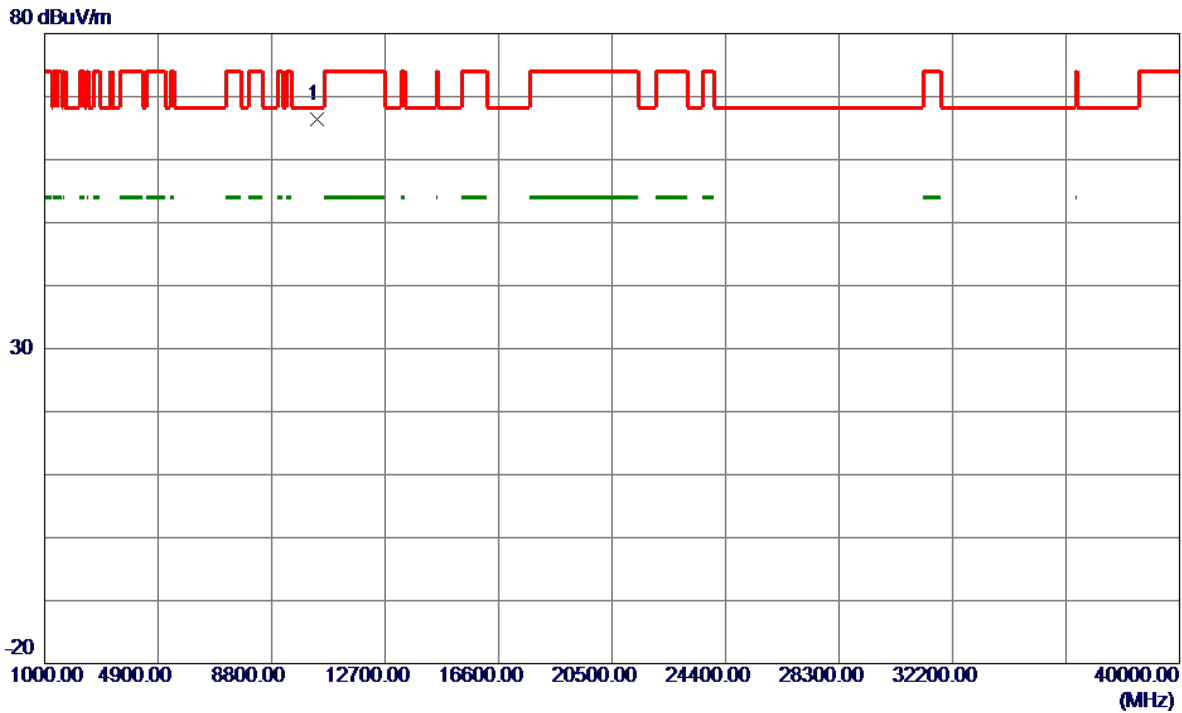


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5148.4000	44.19	18.04	62.23	74.00	-11.77	Peak	
2	5148.4000	35.83	18.04	53.87	54.00	-0.13	AVG	
3	5150.0000	43.15	18.05	61.20	74.00	-12.80	Peak	
4	5150.0000	34.90	18.05	52.95	54.00	-1.05	AVG	
5	5188.2000	89.80	18.16	107.96	999.00	-891.04	AVG	No Limit
6 *	5188.3000	99.17	18.16	117.33	68.20	49.13	Peak	No Limit

**REMARKS:**

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

Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical
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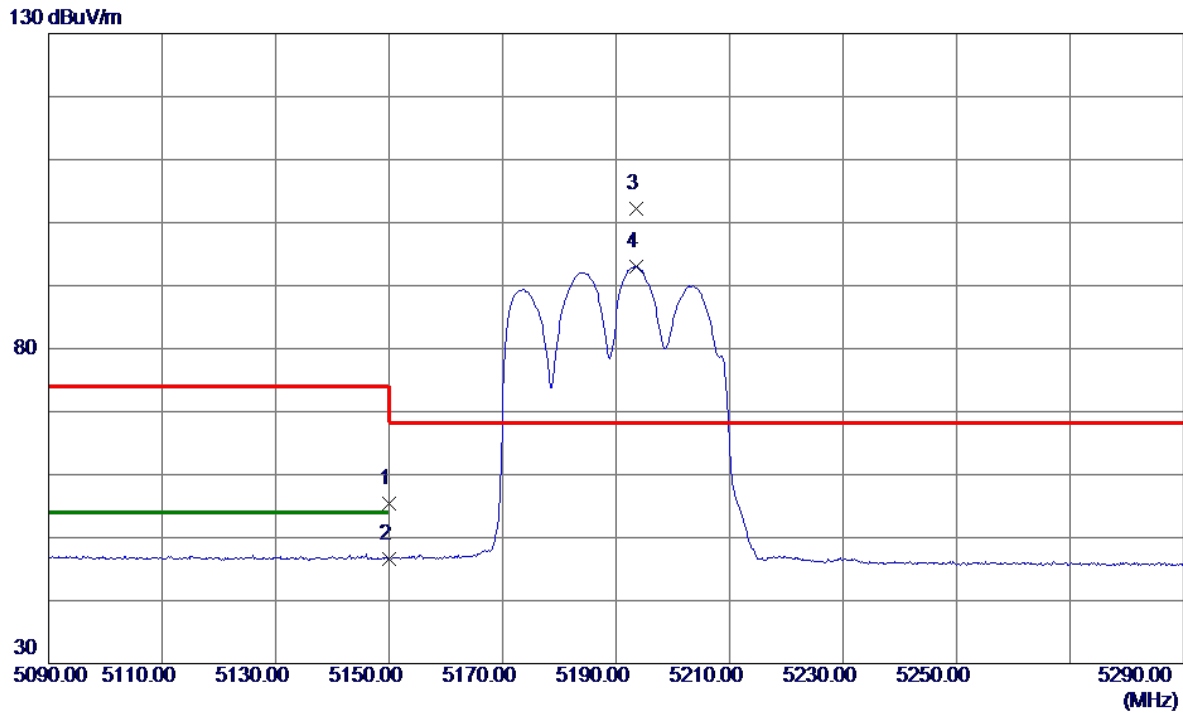
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10381.1900	50.82	15.61	66.43	68.20	-1.77	Peak	

**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	Horizontal
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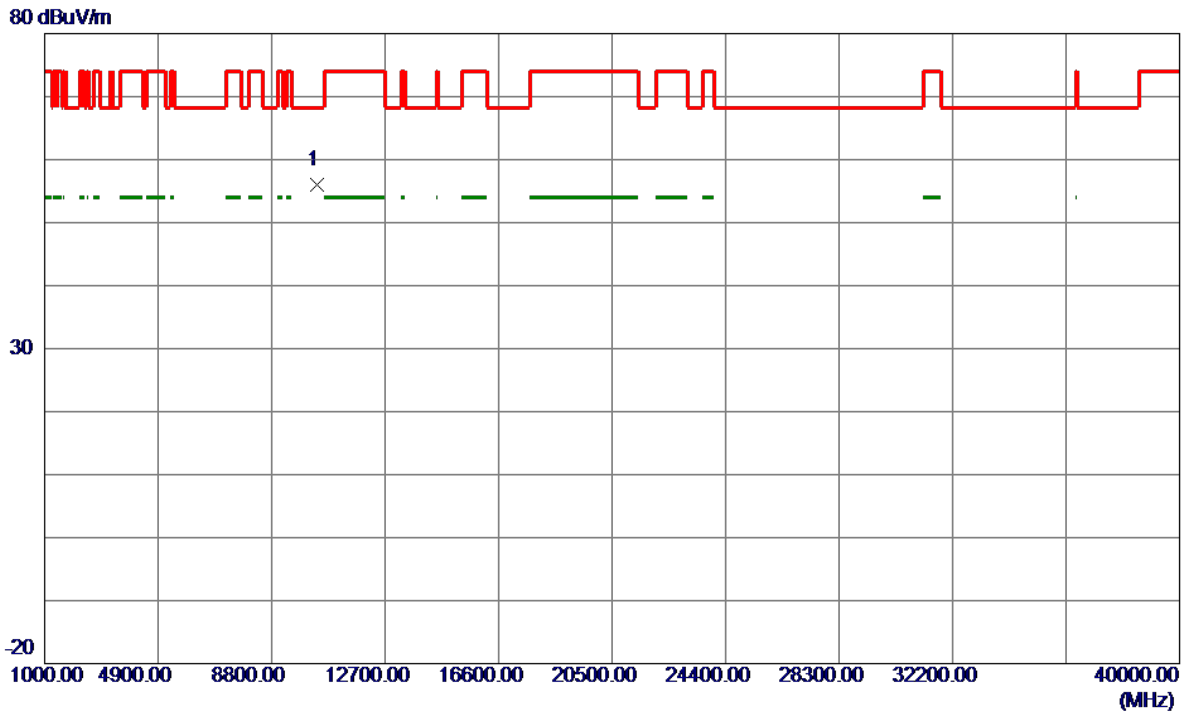


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	37.37	18.05	55.42	74.00	-18.58	Peak	
2	5150.0000	28.59	18.05	46.64	54.00	-7.36	AVG	
3 *	5193.6000	84.01	18.18	102.19	68.20	33.99	Peak	No Limit
4	5193.6000	74.89	18.18	93.07	999.00	-905.93	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	Horizontal
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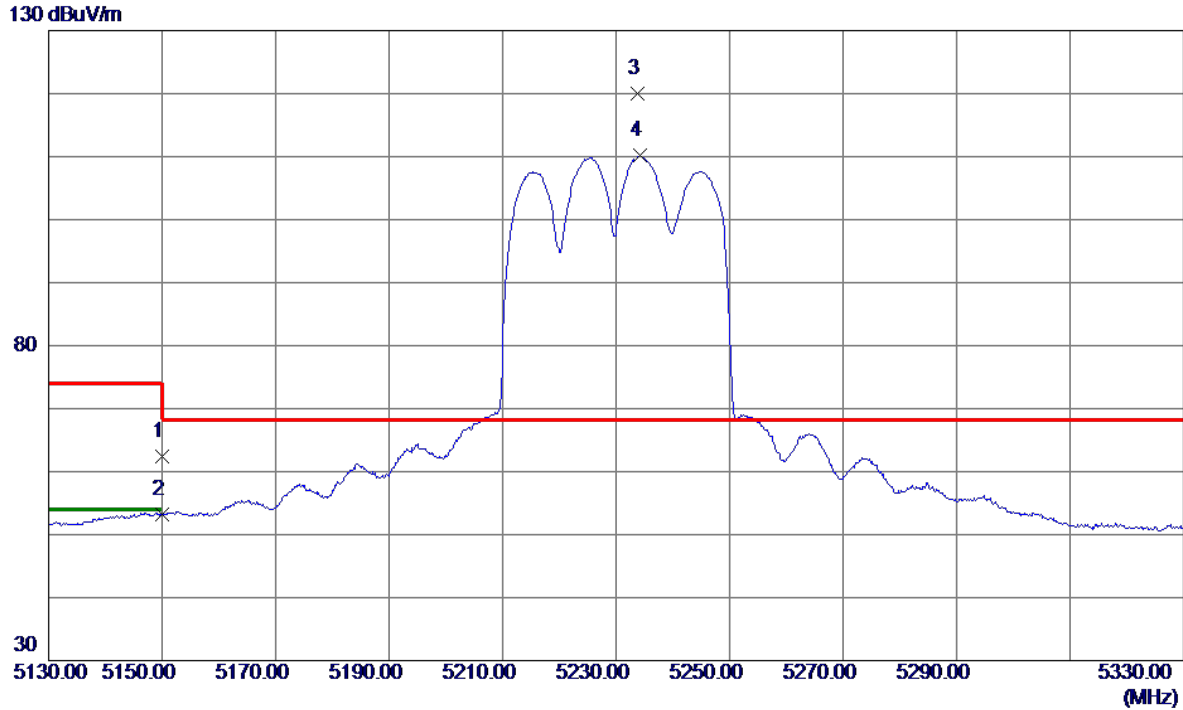


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10381.0050	40.44	15.61	56.05	68.20	-12.15	Peak	

**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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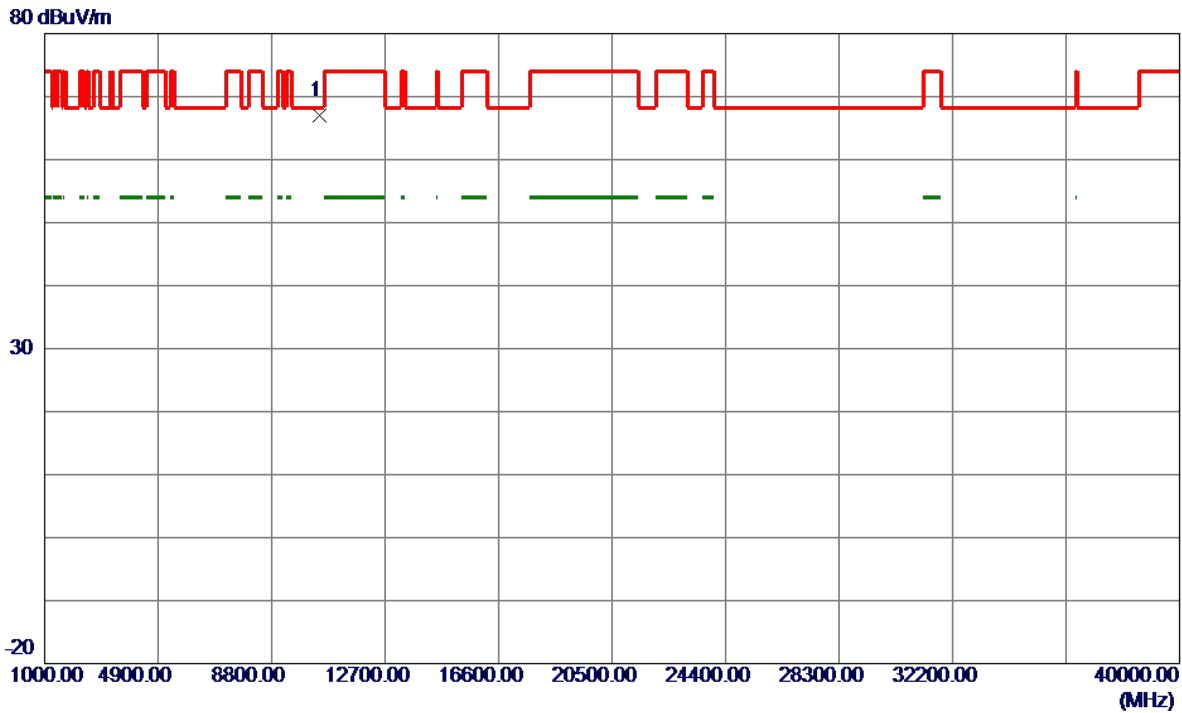


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	44.35	18.05	62.40	74.00	-11.60	Peak	
2	5150.0000	35.14	18.05	53.19	54.00	-0.81	AVG	
3 *	5233.7000	101.64	18.30	119.94	68.20	51.74	Peak	No Limit
4	5234.2000	91.85	18.31	110.16	999.00	-888.84	AVG	No Limit

REMARKS:

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

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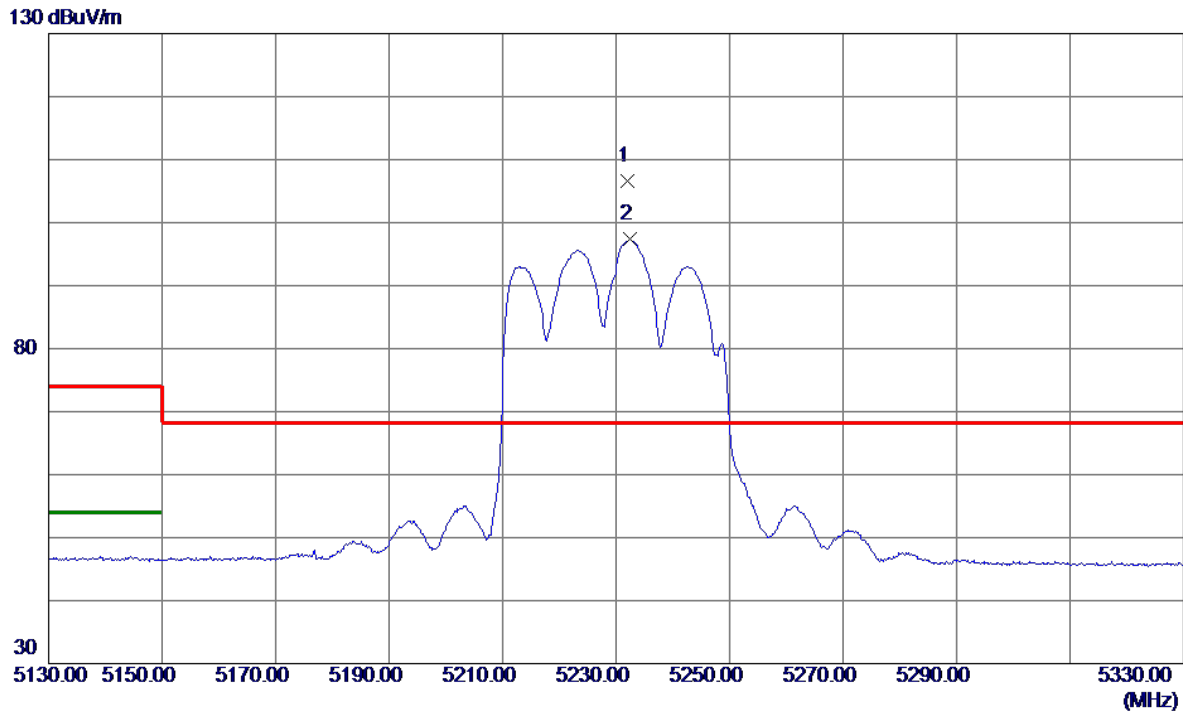


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10461.8500	51.29	15.72	67.01	68.20	-1.19	Peak	

**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	Horizontal
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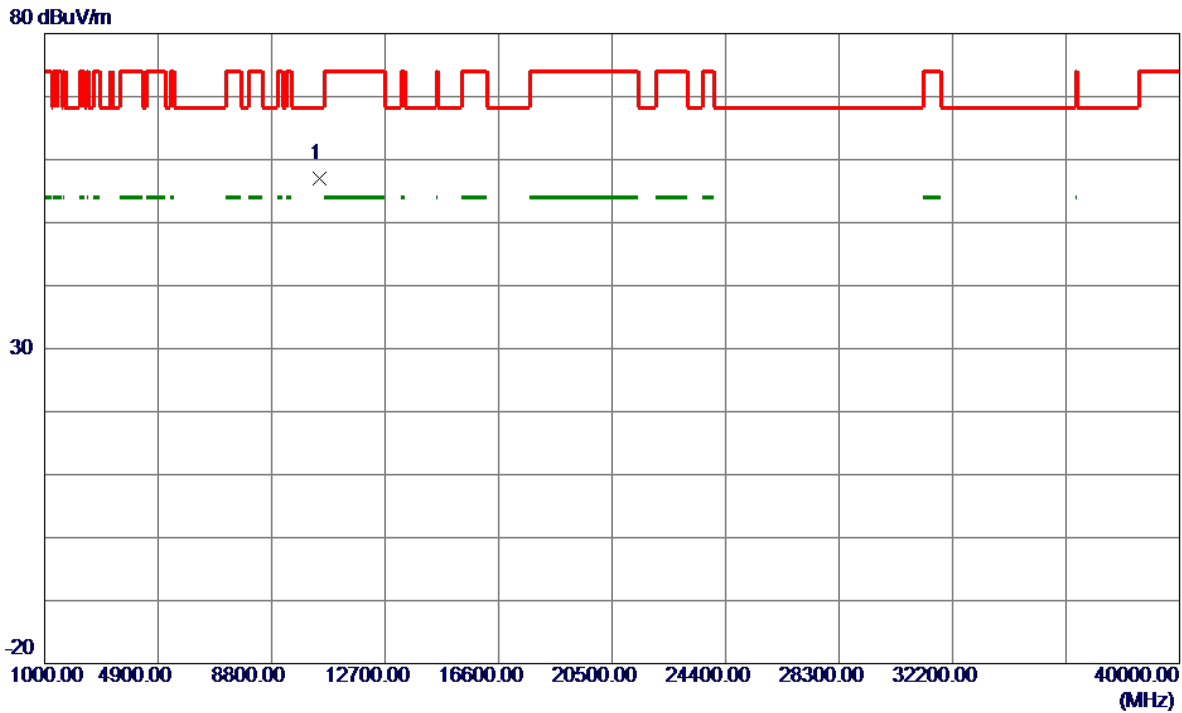


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5232.1000	88.27	18.30	106.57	68.20	38.37	Peak	No Limit
2	5232.5000	79.02	18.30	97.32	999.00	-901.68	AVG	No Limit

**REMARKS:**

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

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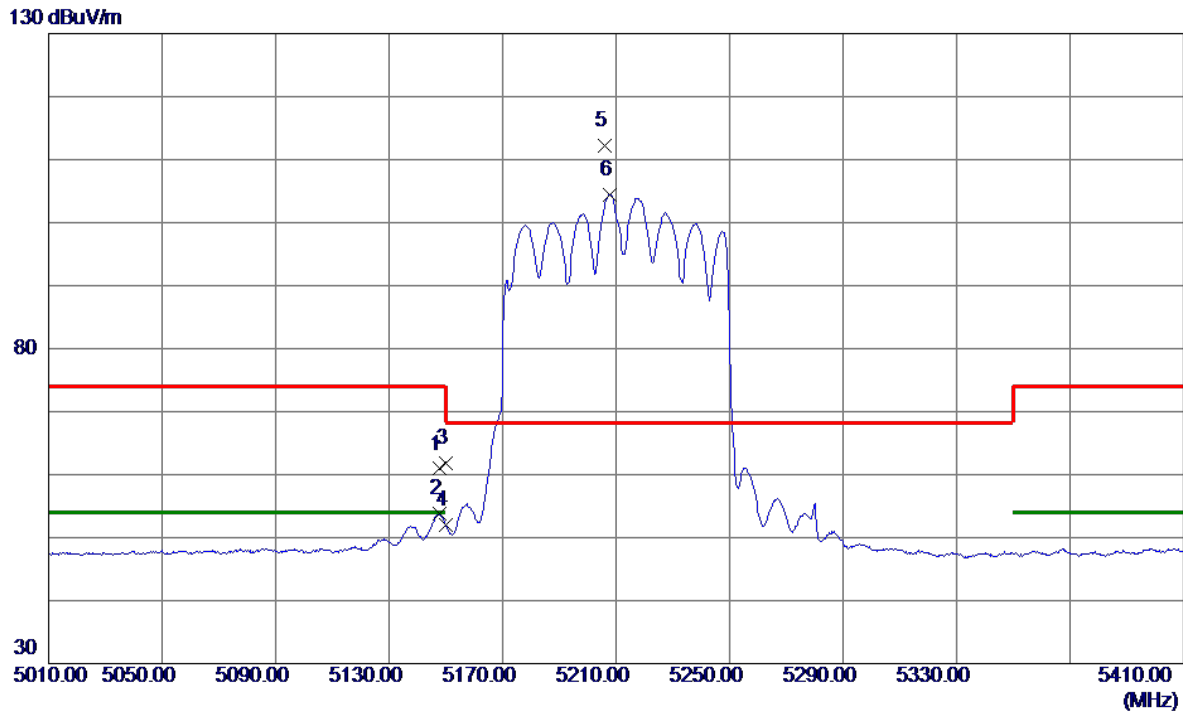


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10461.3450	41.34	15.72	57.06	68.20	-11.14	Peak	

**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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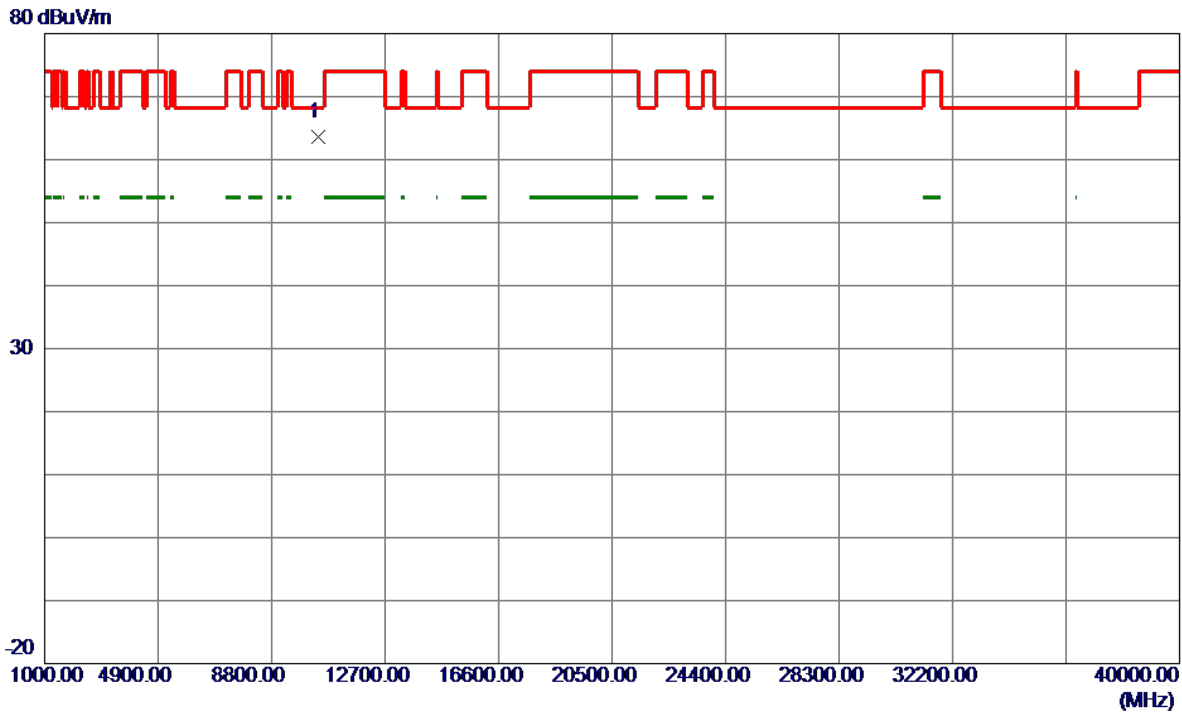


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5147.6000	42.86	18.04	60.90	74.00	-13.10	Peak	
2	5147.6000	35.85	18.04	53.89	54.00	-0.11	AVG	
3	5150.0000	43.79	18.05	61.84	74.00	-12.16	Peak	
4	5150.0000	33.98	18.05	52.03	54.00	-1.97	AVG	
5 *	5206.2000	94.07	18.22	112.29	68.20	44.09	Peak	No Limit
6	5207.8000	86.22	18.22	104.44	999.00	-894.56	AVG	No Limit

REMARKS:

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

Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical
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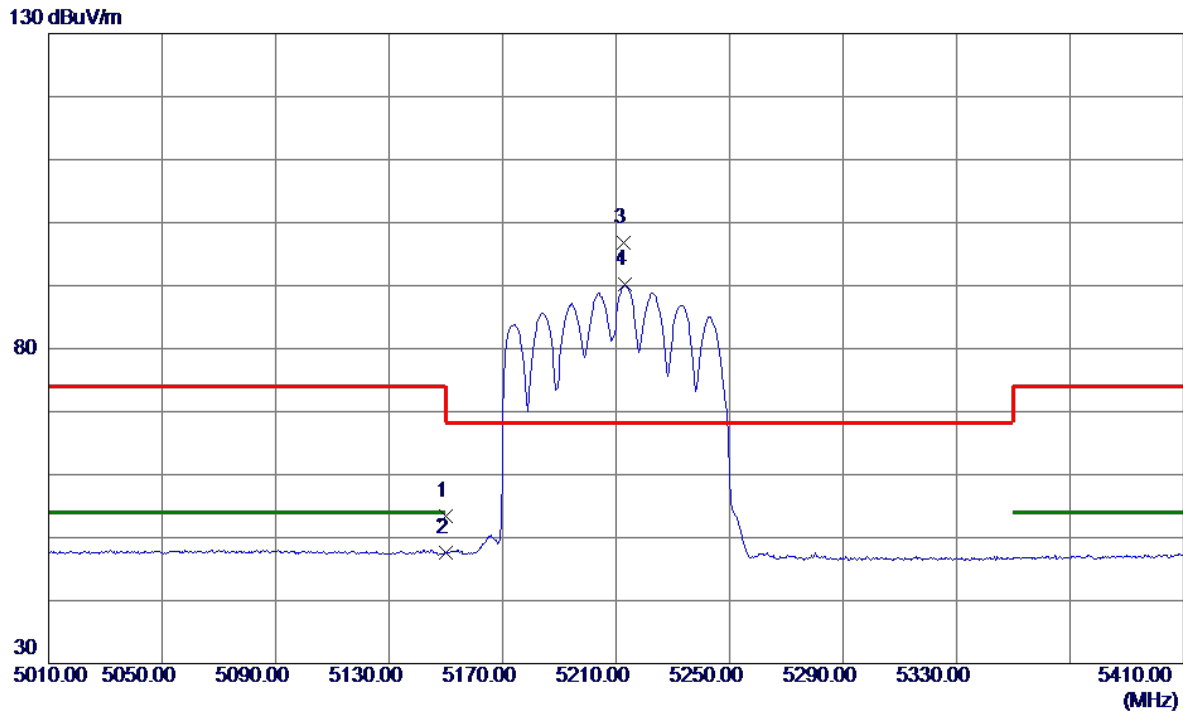
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10422.3450	47.85	15.67	63.52	68.20	-4.68	Peak	

**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	Horizontal
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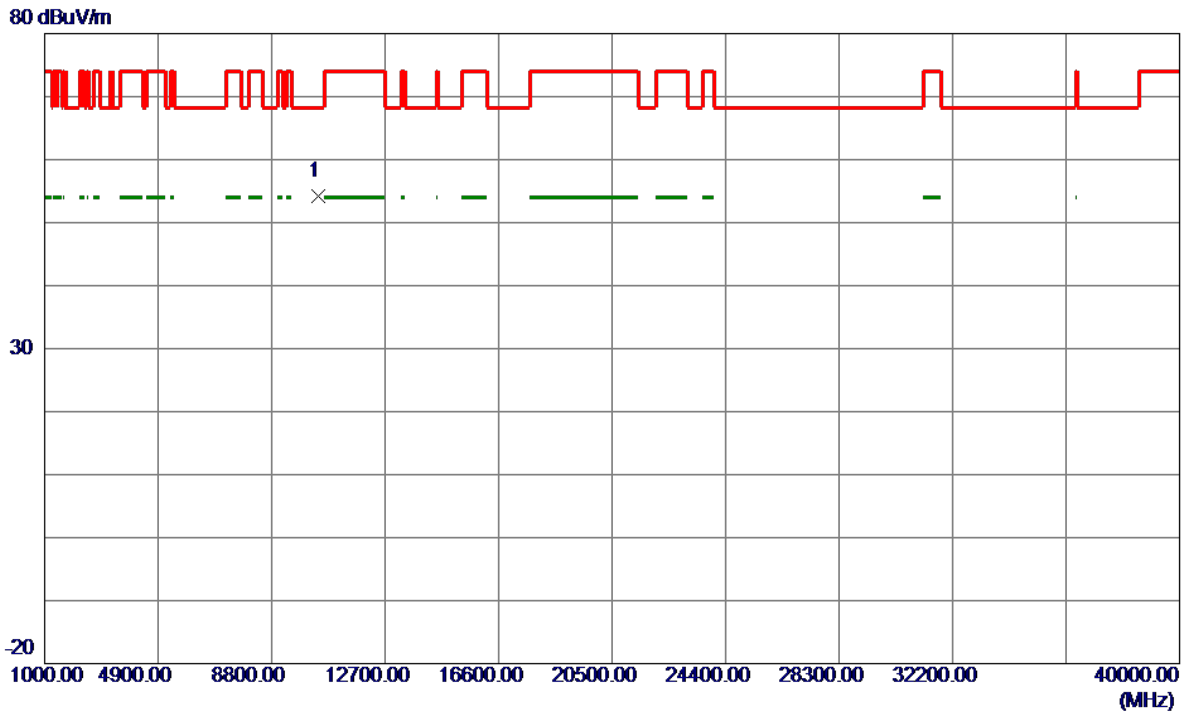


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	35.29	18.05	53.34	74.00	-20.66	Peak	
2	5150.0000	29.62	18.05	47.67	54.00	-6.33	AVG	
3 *	5212.8000	78.63	18.24	96.87	68.20	28.67	Peak	No Limit
4	5213.2000	72.02	18.24	90.26	999.00	-908.74	AVG	No Limit

**REMARKS:**

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

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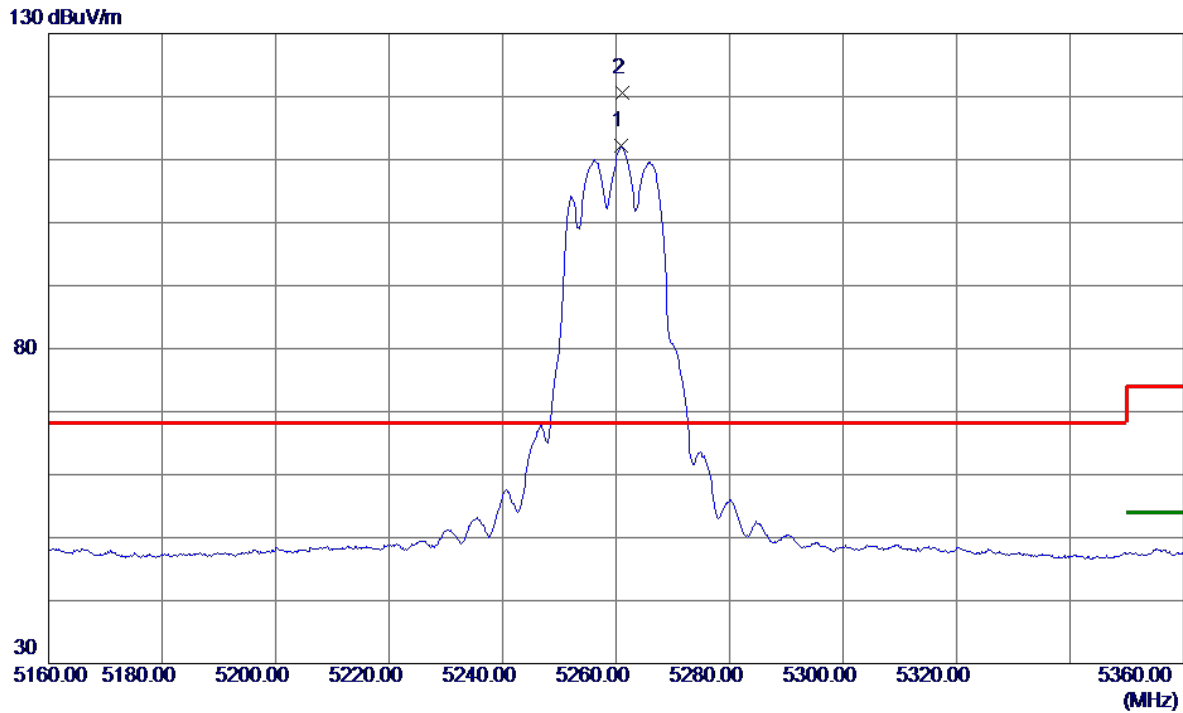


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10422.4400	38.50	15.67	54.17	68.20	-14.03	Peak	

**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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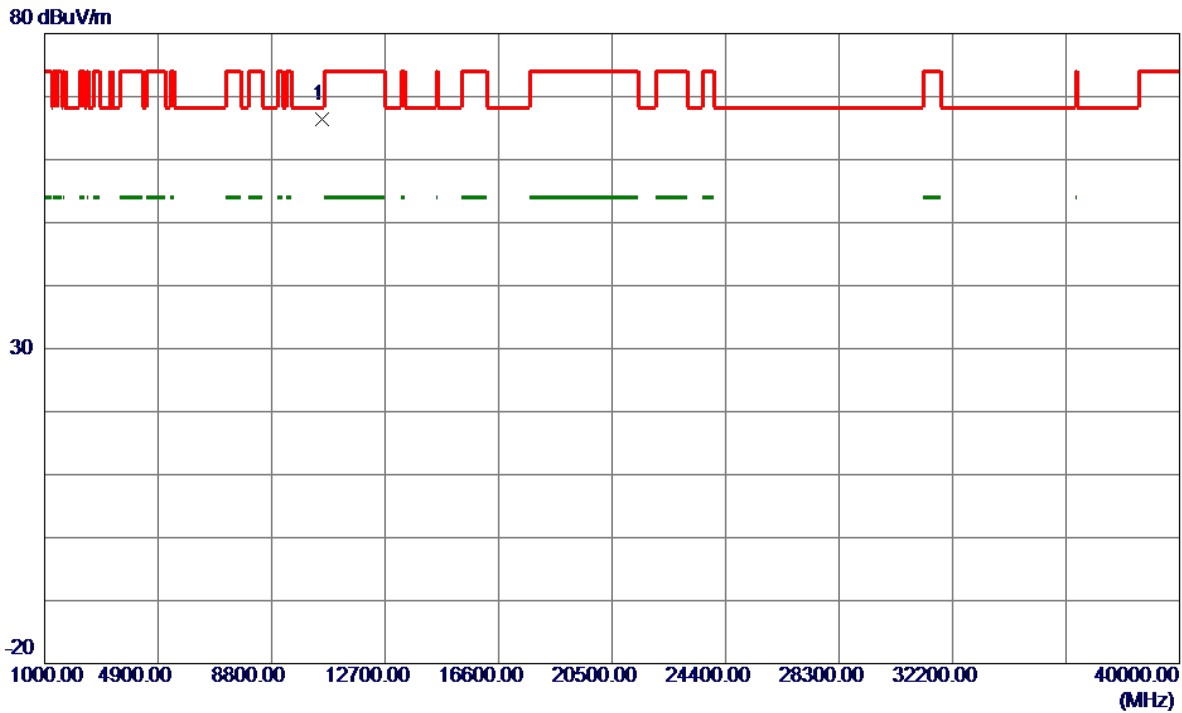


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5260.9000	93.84	18.39	112.23	999.00	-886.77	AVG	No Limit
2 *	5261.1000	102.20	18.39	120.59	68.20	52.39	Peak	No Limit

REMARKS:

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

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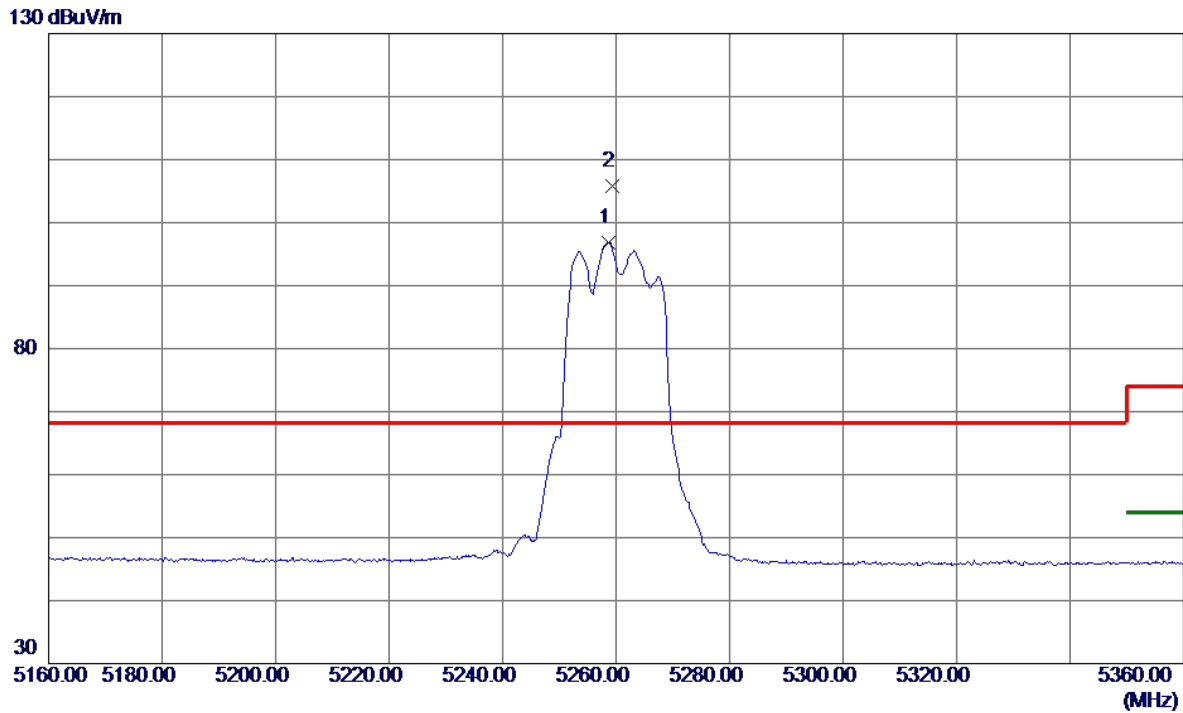


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10520.4960	50.56	15.78	66.34	68.20	-1.86	Peak	

**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	Horizontal
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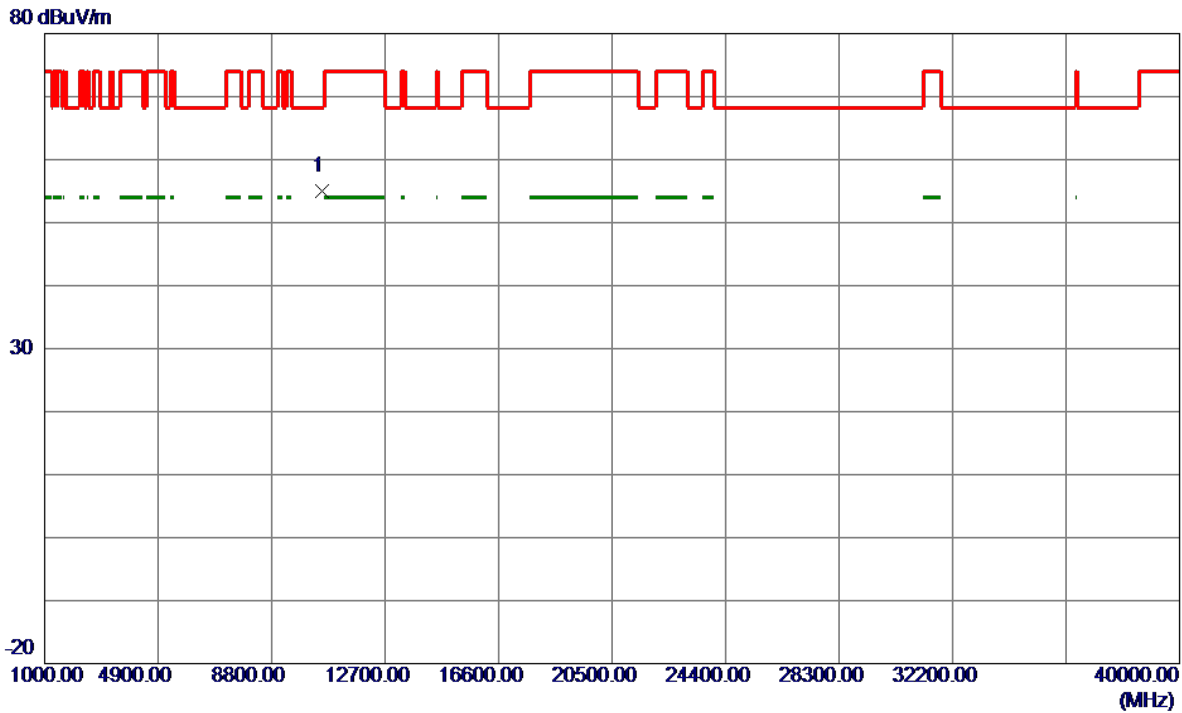


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5258.6000	78.47	18.38	96.85	999.00	-902.15	AVG	No Limit
2 *	5259.3000	87.51	18.38	105.89	68.20	37.69	Peak	No Limit

**REMARKS:**

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

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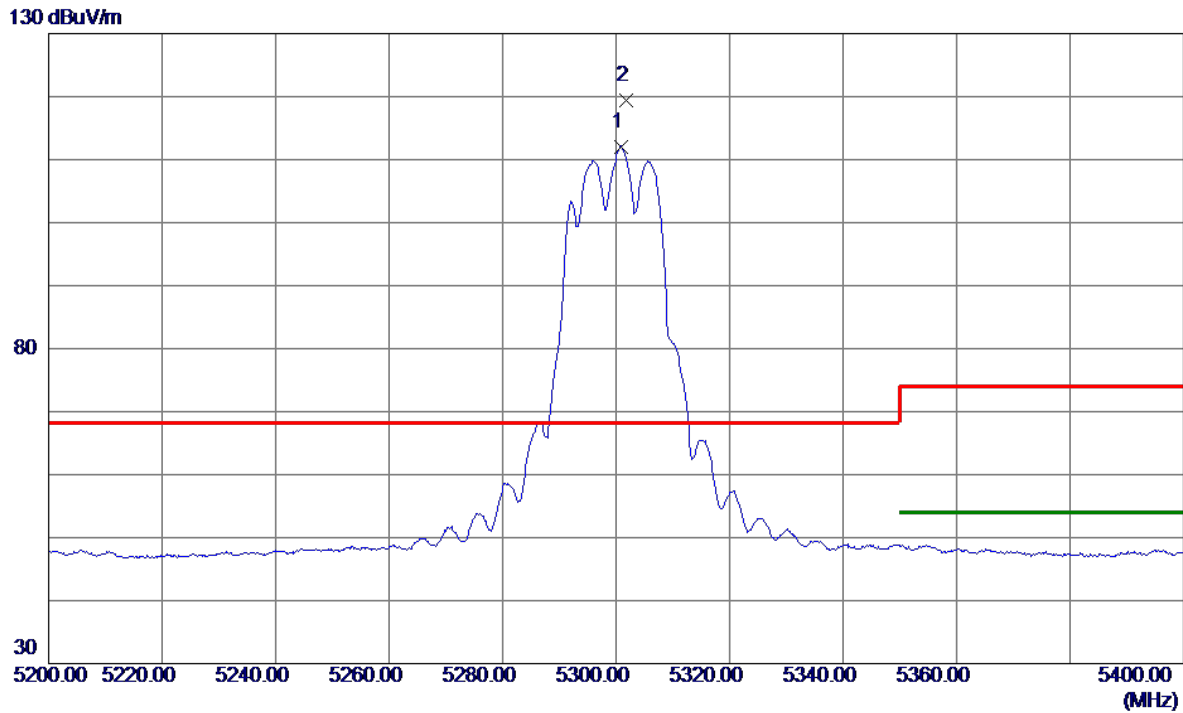


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10519.9280	39.19	15.78	54.97	68.20	-13.23	Peak	

**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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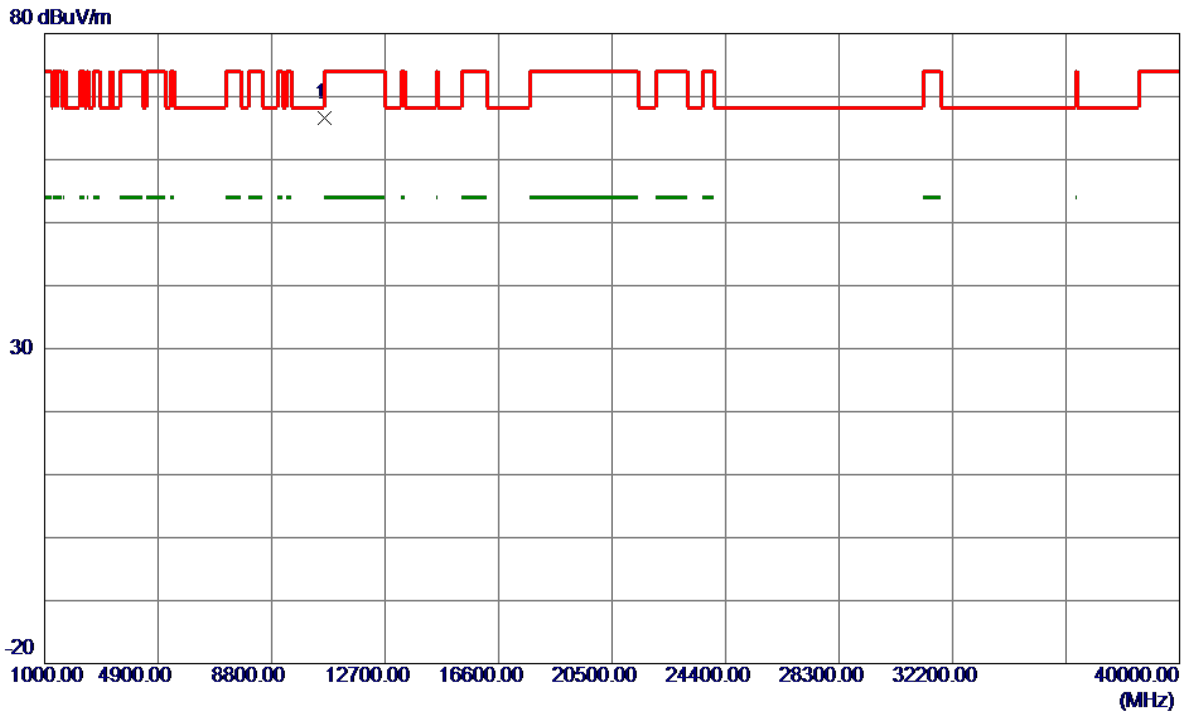


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5300.9000	93.59	18.51	112.10	999.00	-886.90	AVG	No Limit
2 *	5301.7000	100.96	18.51	119.47	68.20	51.27	Peak	No Limit

**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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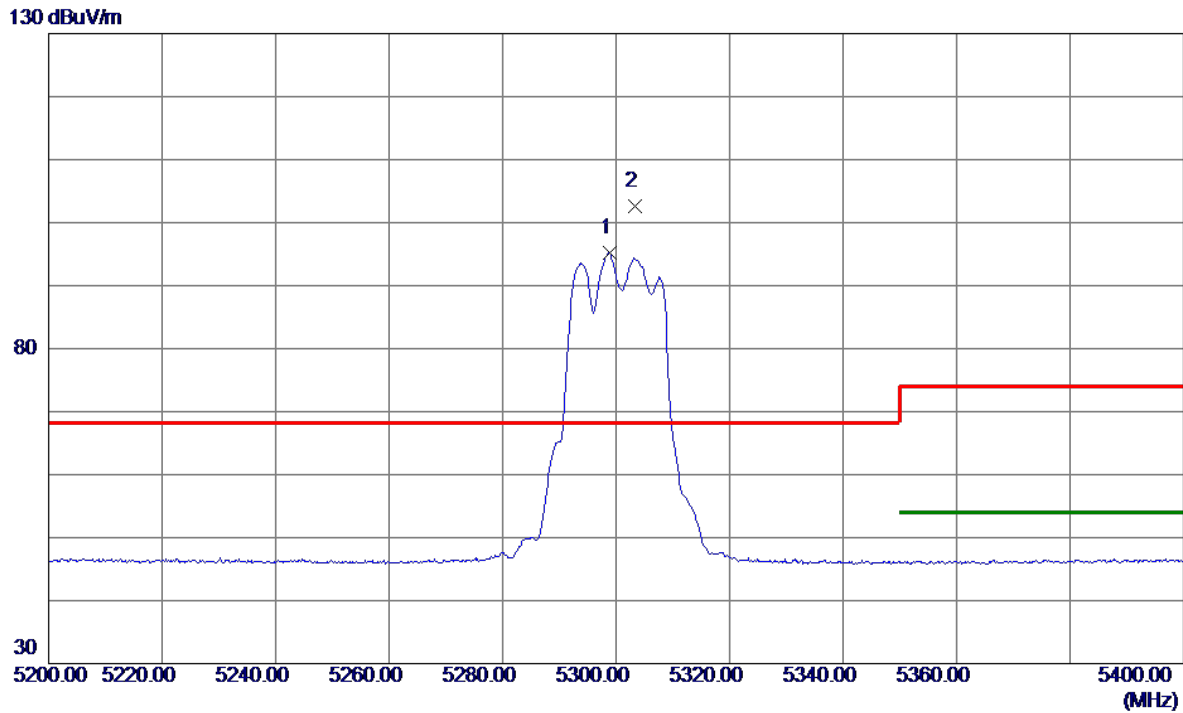
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10599.1800	50.79	15.83	66.62	68.20	-1.58	Peak	

**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	Horizontal
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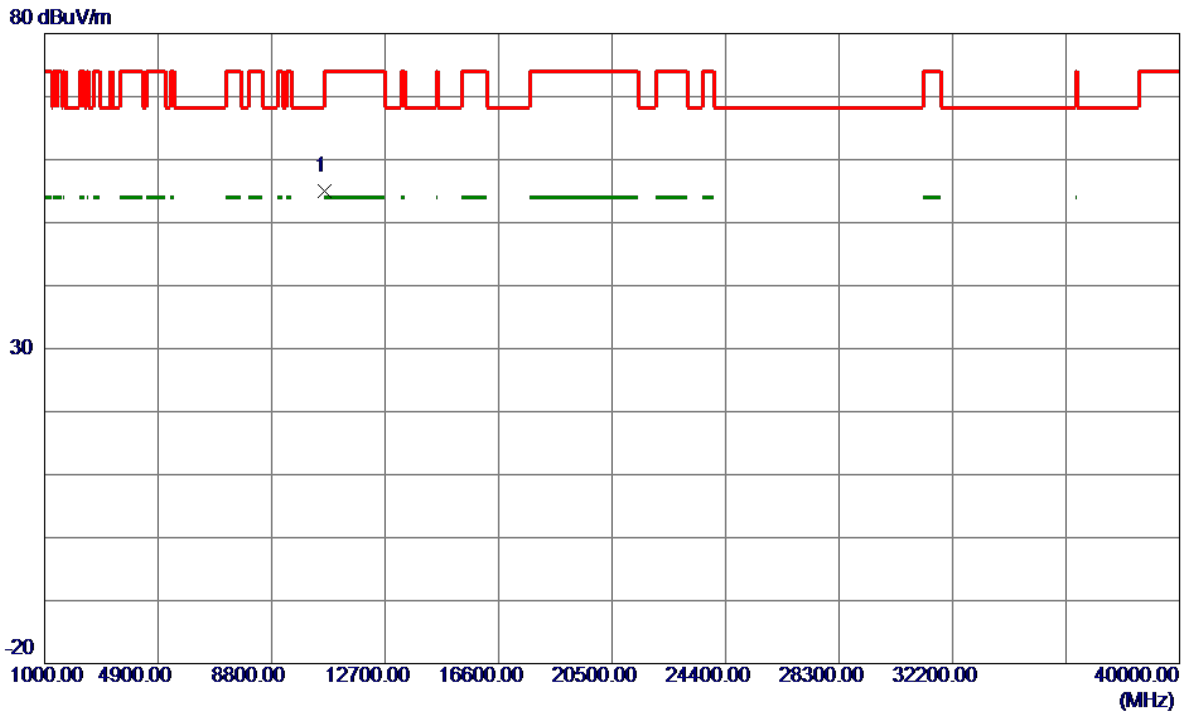


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5298.8000	76.63	18.50	95.13	999.00	-903.87	AVG	No Limit
2 *	5303.3000	84.07	18.52	102.59	68.20	34.39	Peak	No Limit

**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	Horizontal
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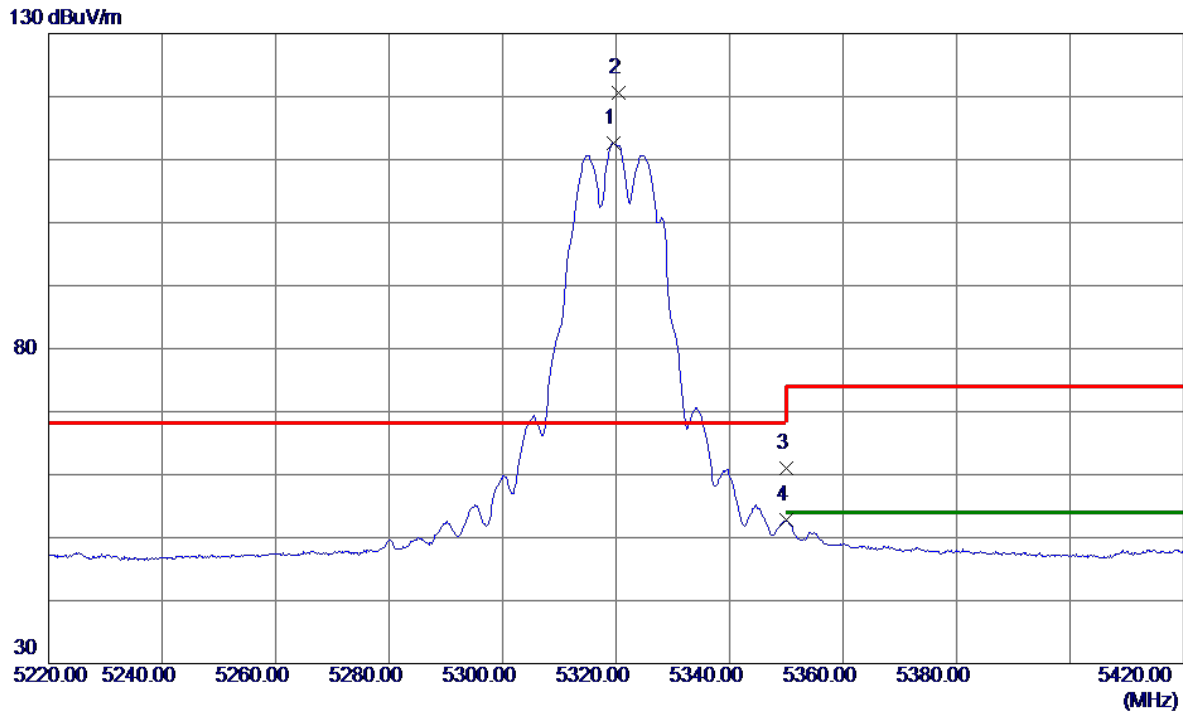


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10600.3019	39.25	15.83	55.08	74.00	-18.92	Peak	

**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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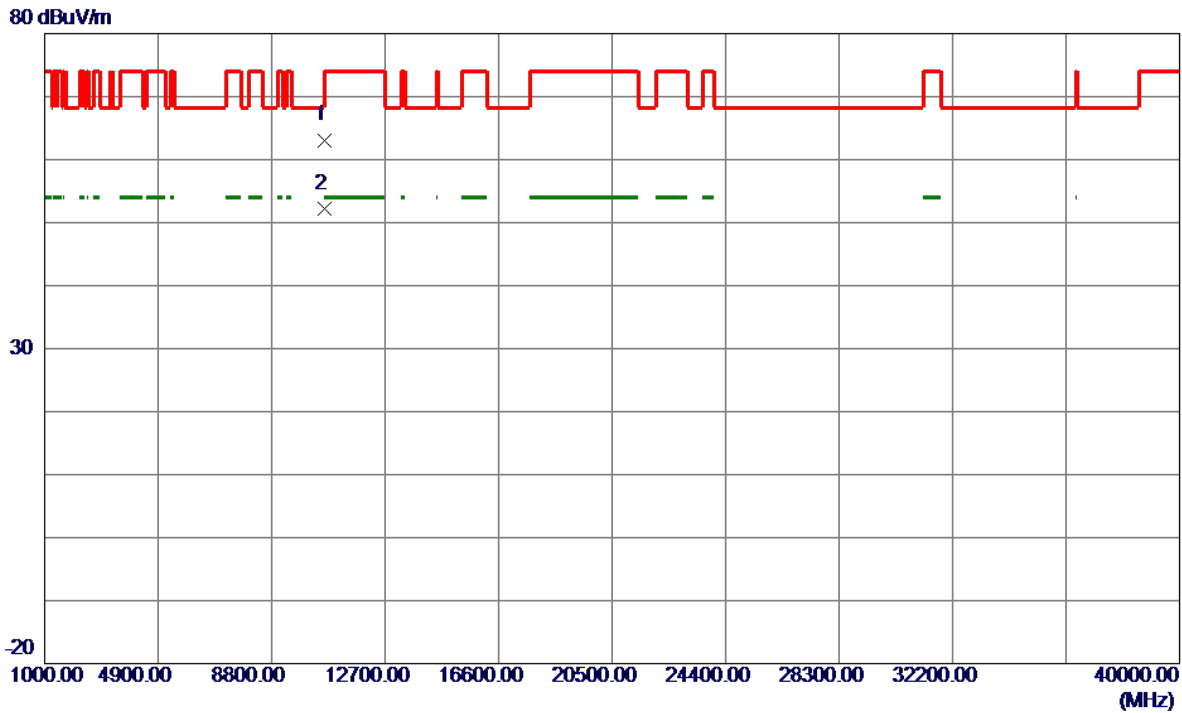


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5319.5000	94.02	18.57	112.59	999.00	-886.41	AVG	No Limit
2 *	5320.4000	102.02	18.57	120.59	68.20	52.39	Peak	No Limit
3	5350.0000	42.43	18.66	61.09	74.00	-12.91	Peak	
4	5350.0000	34.15	18.66	52.81	54.00	-1.19	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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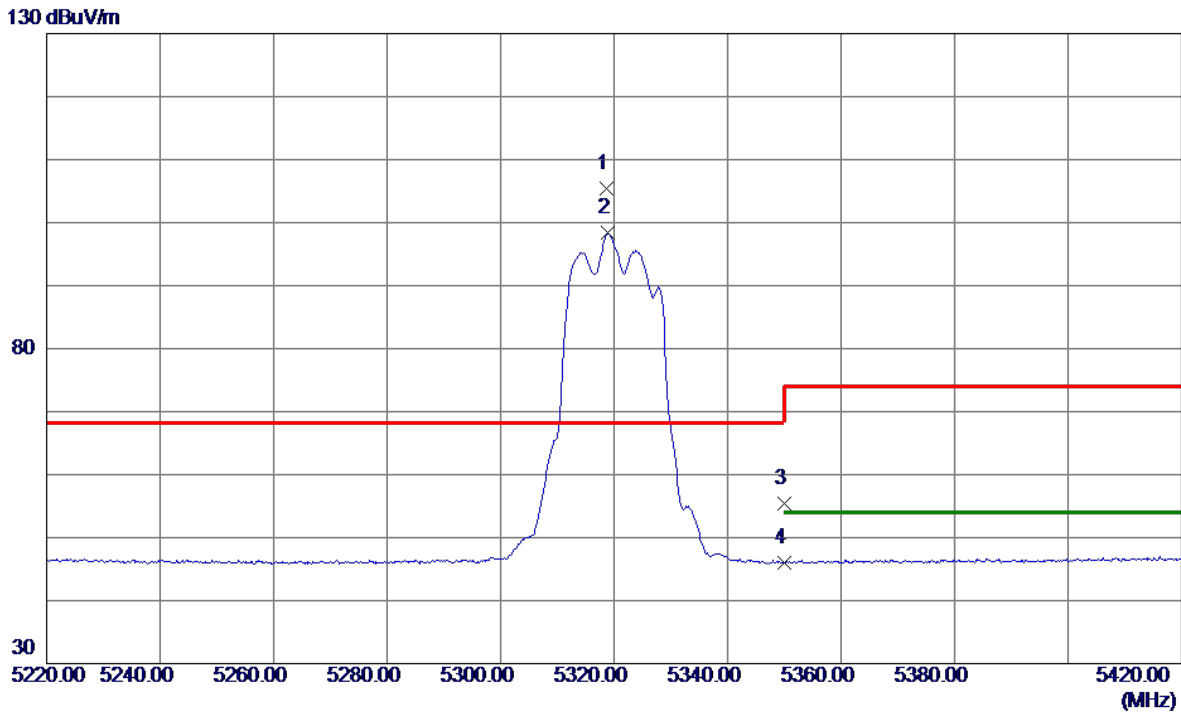


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10639.1100	47.24	15.86	63.10	74.00	-10.90	Peak	
2 *	10640.9220	36.42	15.86	52.28	54.00	-1.72	AVG	

**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	Horizontal
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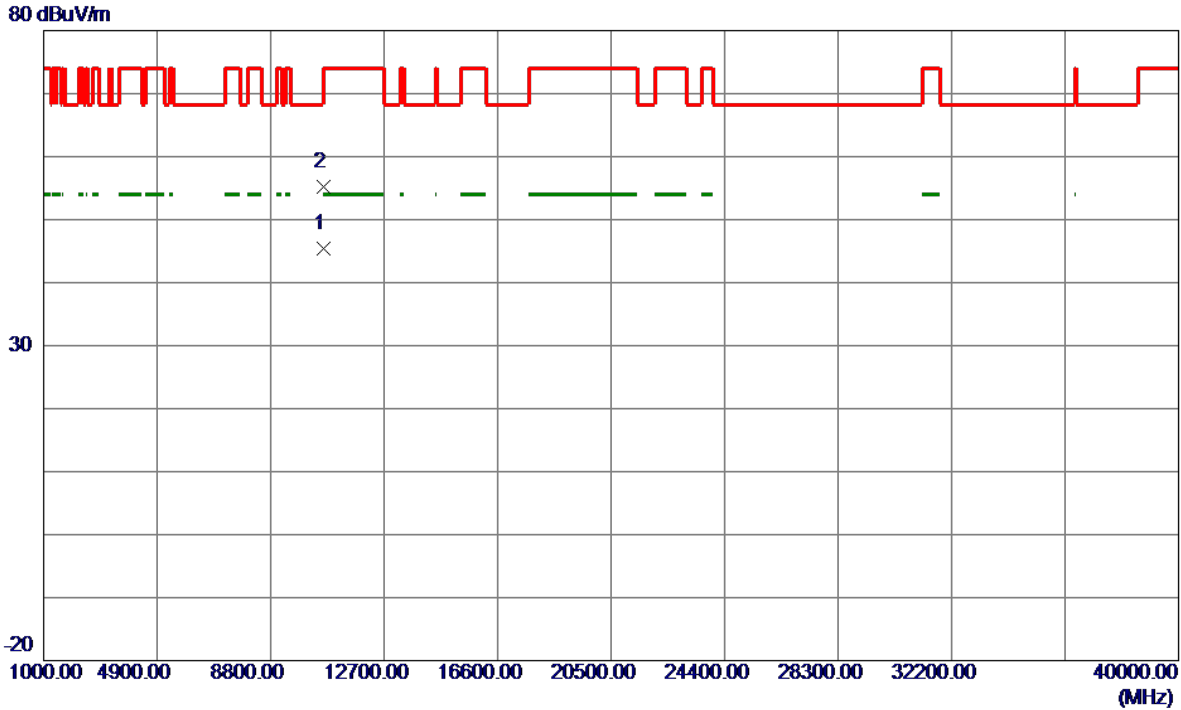


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5318.7000	86.92	18.56	105.48	68.20	37.28	Peak	No Limit
2	5318.9000	79.76	18.57	98.33	999.00	-900.67	AVG	No Limit
3	5350.0000	36.67	18.66	55.33	74.00	-18.67	Peak	
4	5350.0000	27.43	18.66	46.09	54.00	-7.91	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	Horizontal
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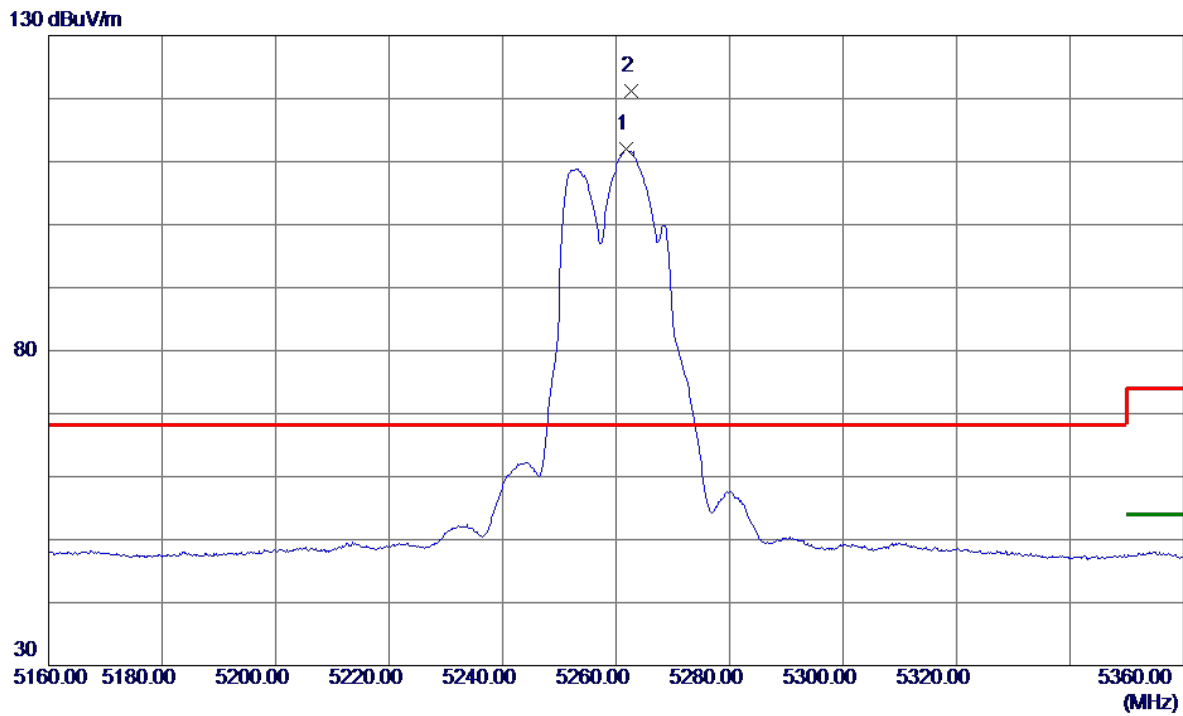


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10639.2600	29.60	15.86	45.46	54.00	-8.54	AVG	
2	10640.1180	39.38	15.86	55.24	74.00	-18.76	Peak	

**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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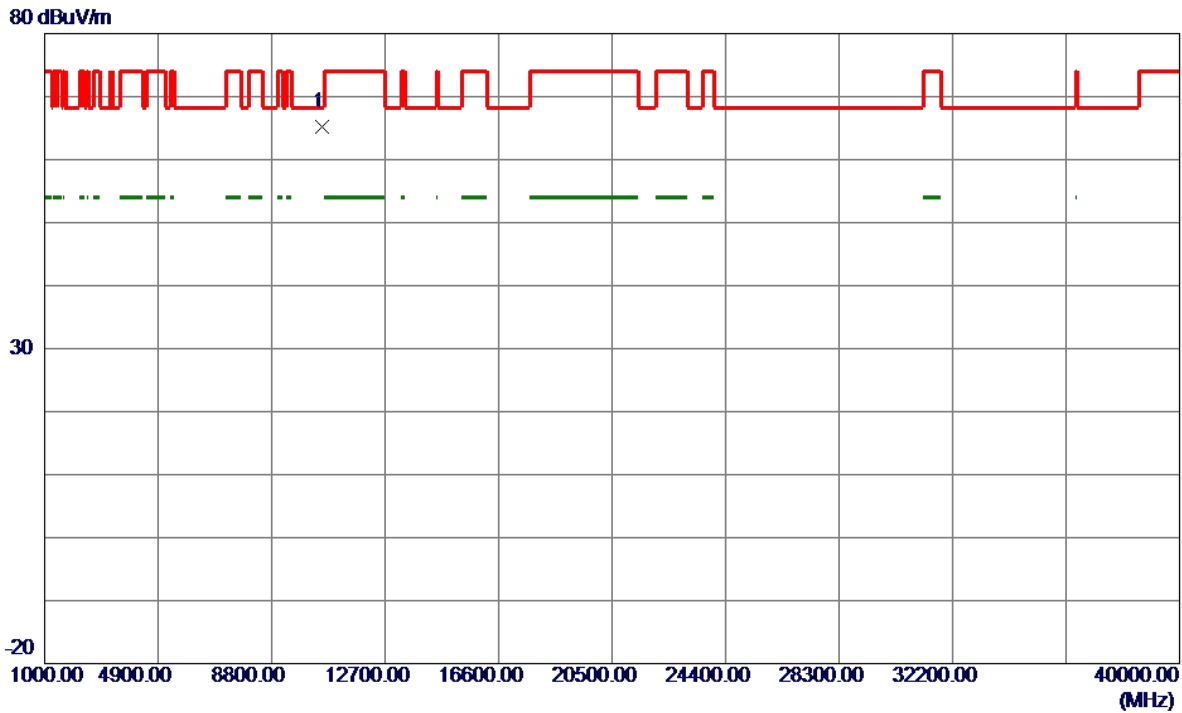


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5261.7000	93.60	18.39	111.99	999.00	-887.01	AVG	No Limit
2 *	5262.6000	102.86	18.39	121.25	68.20	53.05	Peak	No Limit

**REMARKS:**

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Vertical
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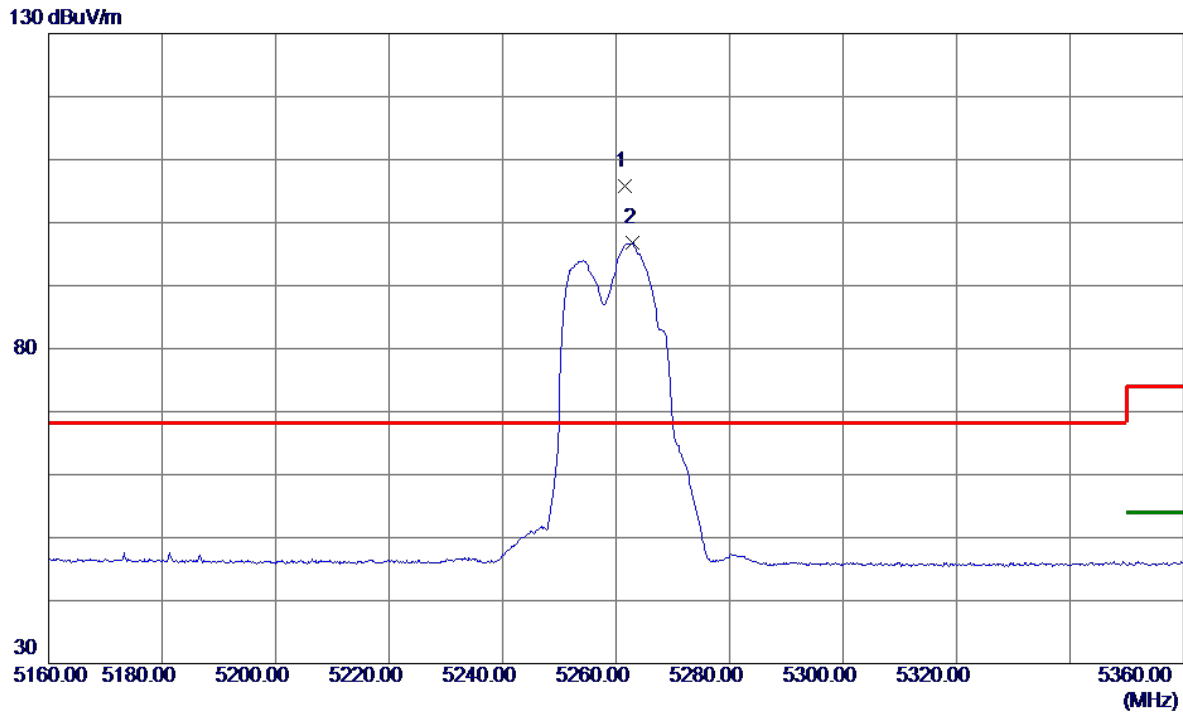
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10521.8400	49.44	15.78	65.22	68.20	-2.98	Peak	

**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	Horizontal
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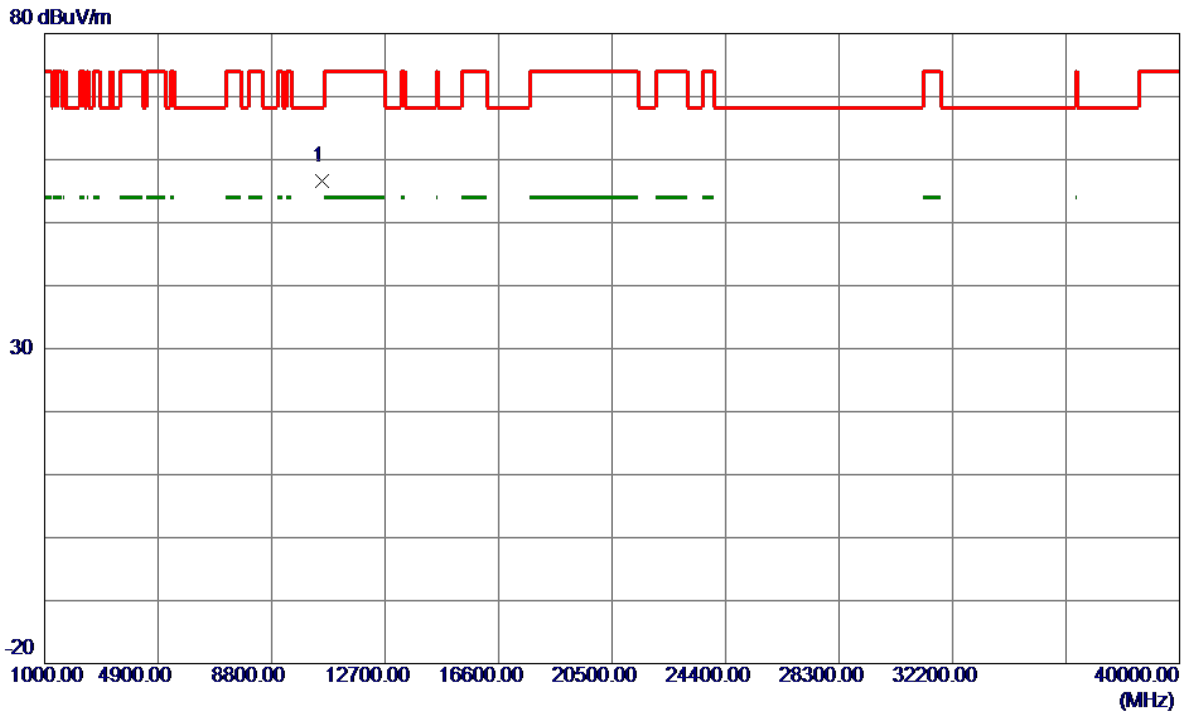


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5261.6000	87.35	18.39	105.74	68.20	37.54	Peak	No Limit
2	5263.0000	78.32	18.39	96.71	999.00	-902.29	AVG	No Limit

**REMARKS:**

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

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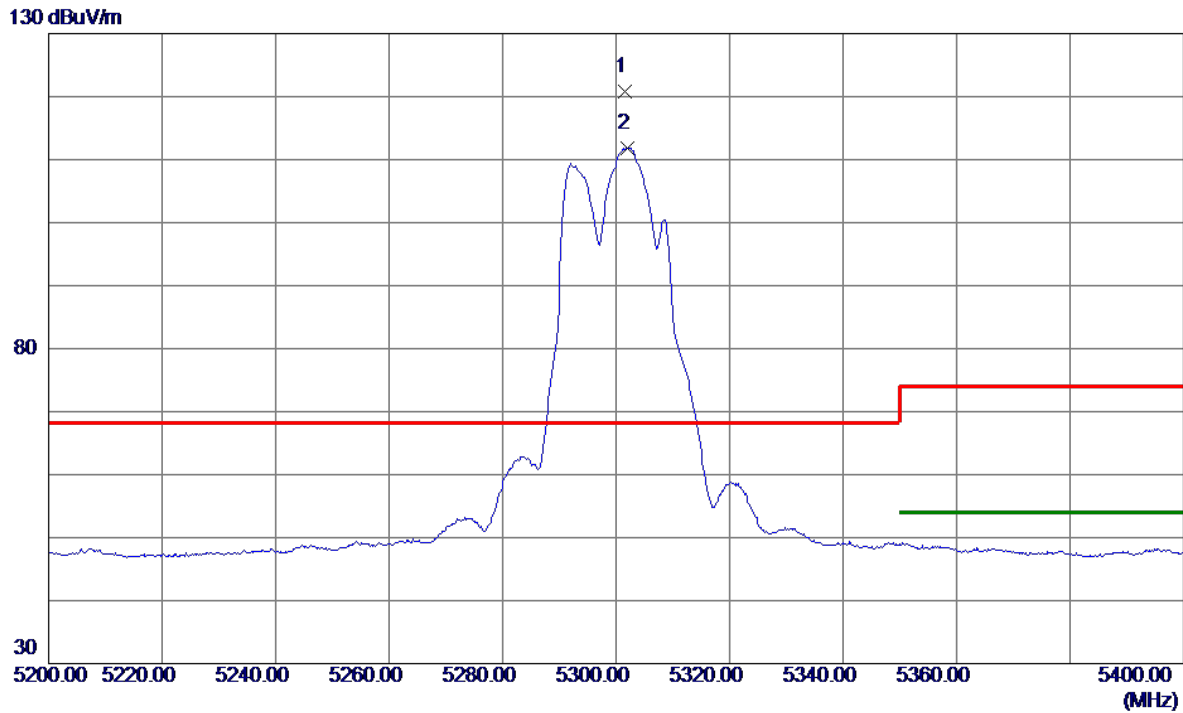


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10522.4500	40.76	15.78	56.54	68.20	-11.66	Peak	

**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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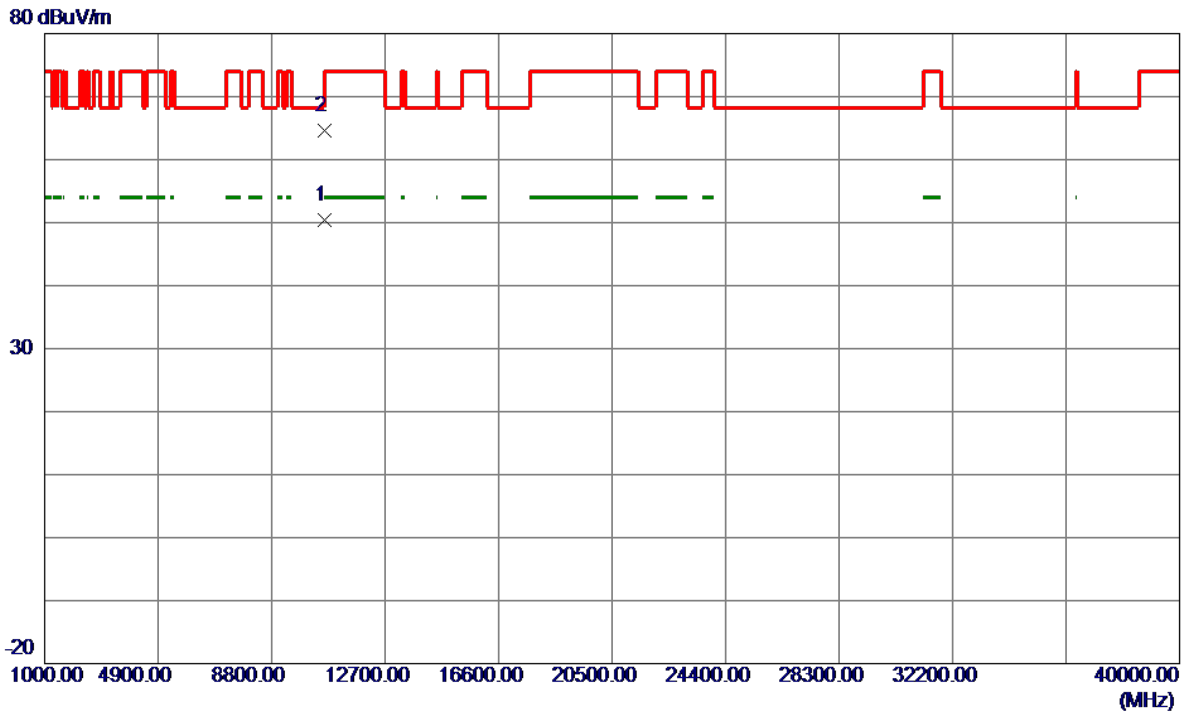


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5301.5000	102.34	18.51	120.85	68.20	52.65	Peak	No Limit
2	5302.0000	93.38	18.51	111.89	999.00	-887.11	AVG	No Limit

**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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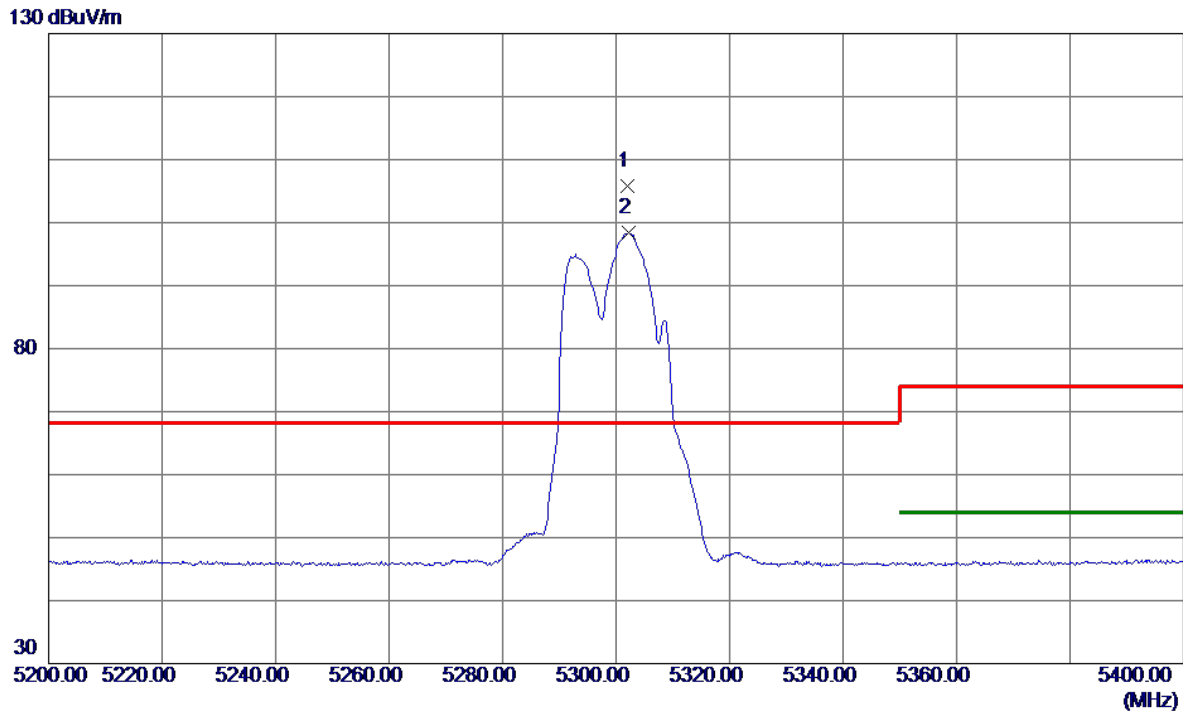


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10600.9000	34.66	15.83	50.49	54.00	-3.51	AVG	
2	10601.1449	48.73	15.83	64.56	74.00	-9.44	Peak	

**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	Horizontal
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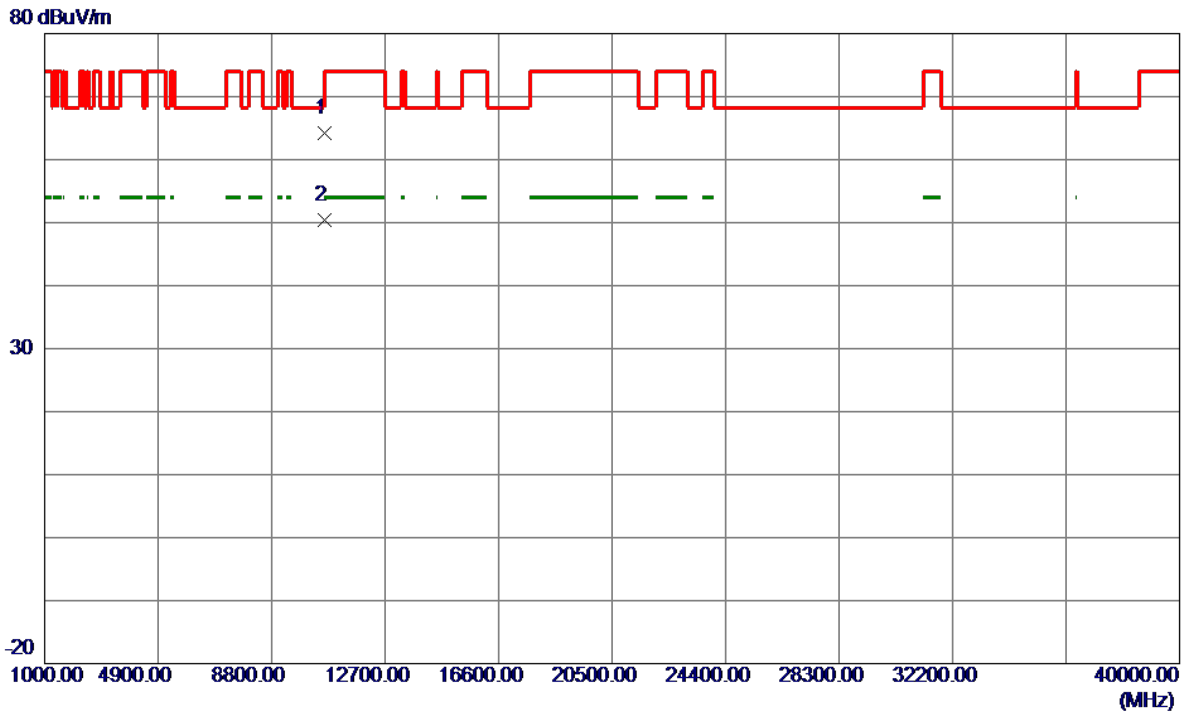


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5302.0000	87.22	18.51	105.73	68.20	37.53	Peak	No Limit
2	5302.3000	79.84	18.51	98.35	999.00	-900.65	AVG	No Limit

**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	Horizontal
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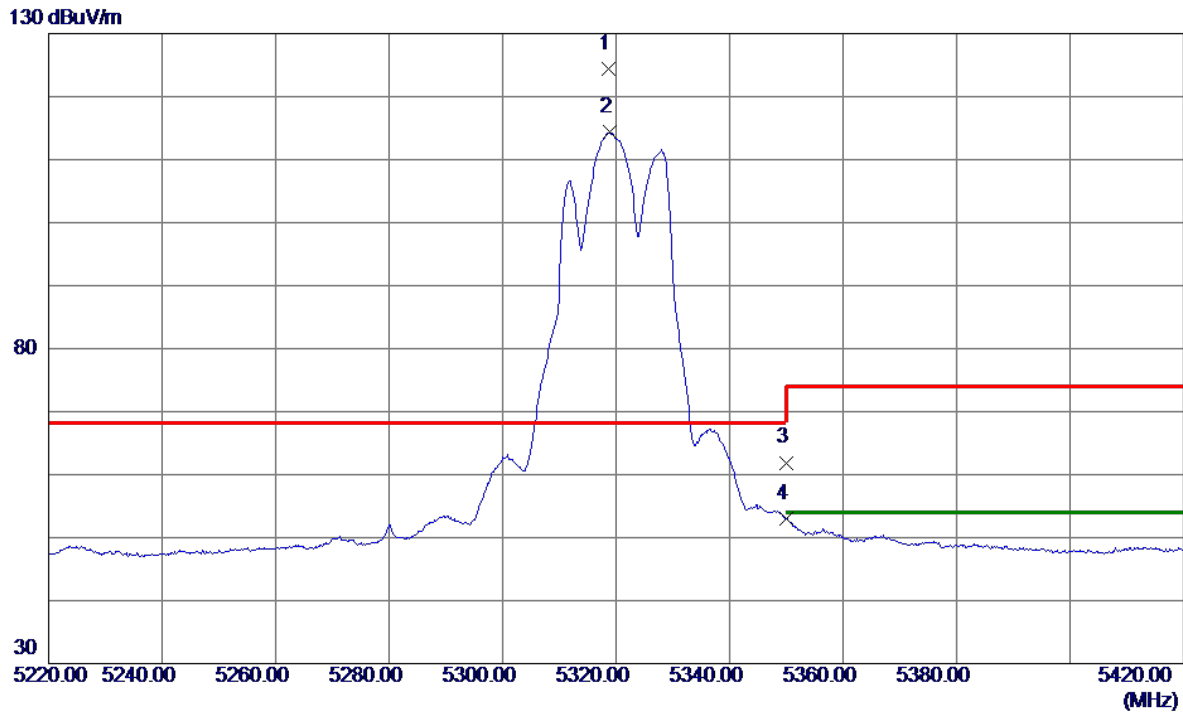


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.3500	48.40	15.83	64.23	74.00	-9.77	Peak	
2 *	10601.3150	34.61	15.83	50.44	54.00	-3.56	AVG	

**REMARKS:**

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

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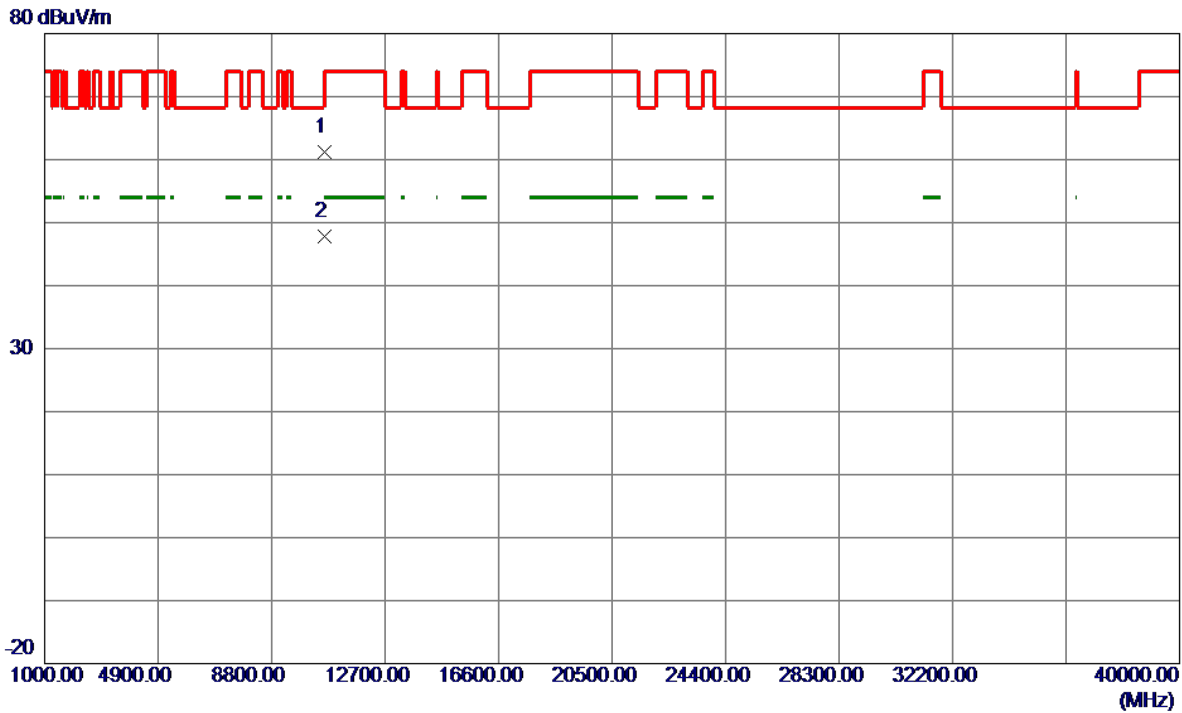


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5318.7000	105.89	18.56	124.45	68.20	56.25	Peak	No Limit
2	5318.8000	95.74	18.57	114.31	999.00	-884.69	AVG	No Limit
3	5350.0000	43.24	18.66	61.90	74.00	-12.10	Peak	
4	5350.0000	34.39	18.66	53.05	54.00	-0.95	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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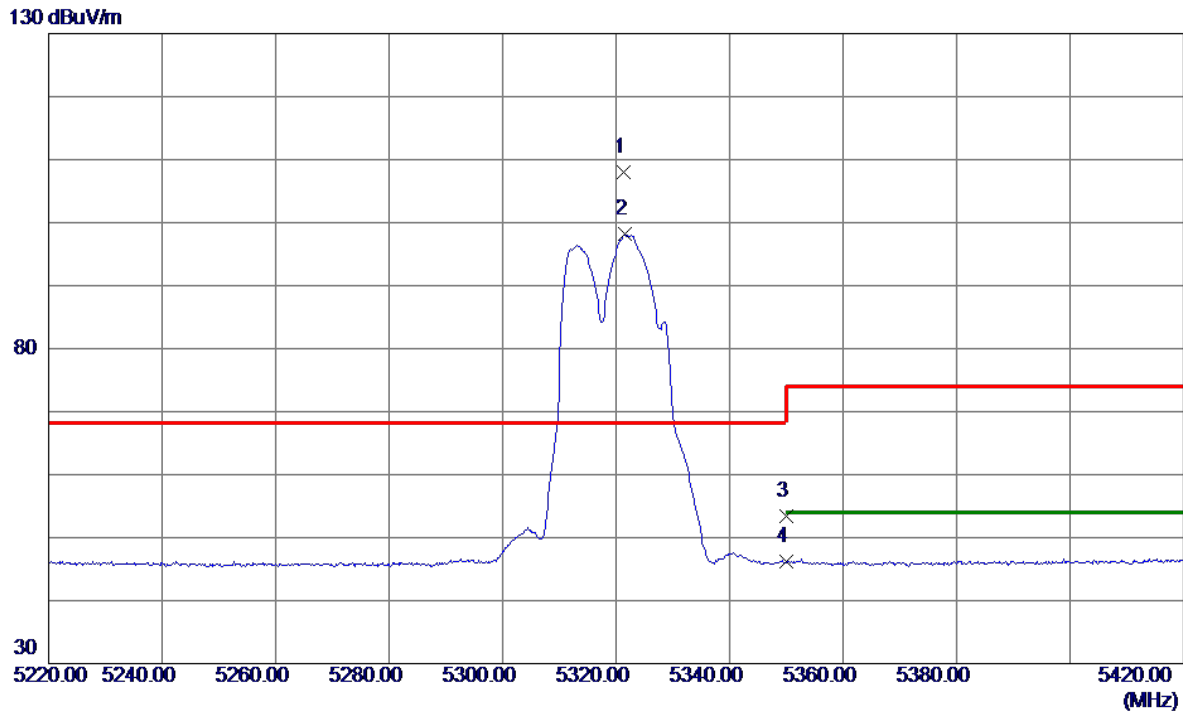
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10639.9500	45.30	15.86	61.16	74.00	-12.84	Peak	
2 *	10641.4750	31.86	15.86	47.72	54.00	-6.28	AVG	

**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	Horizontal
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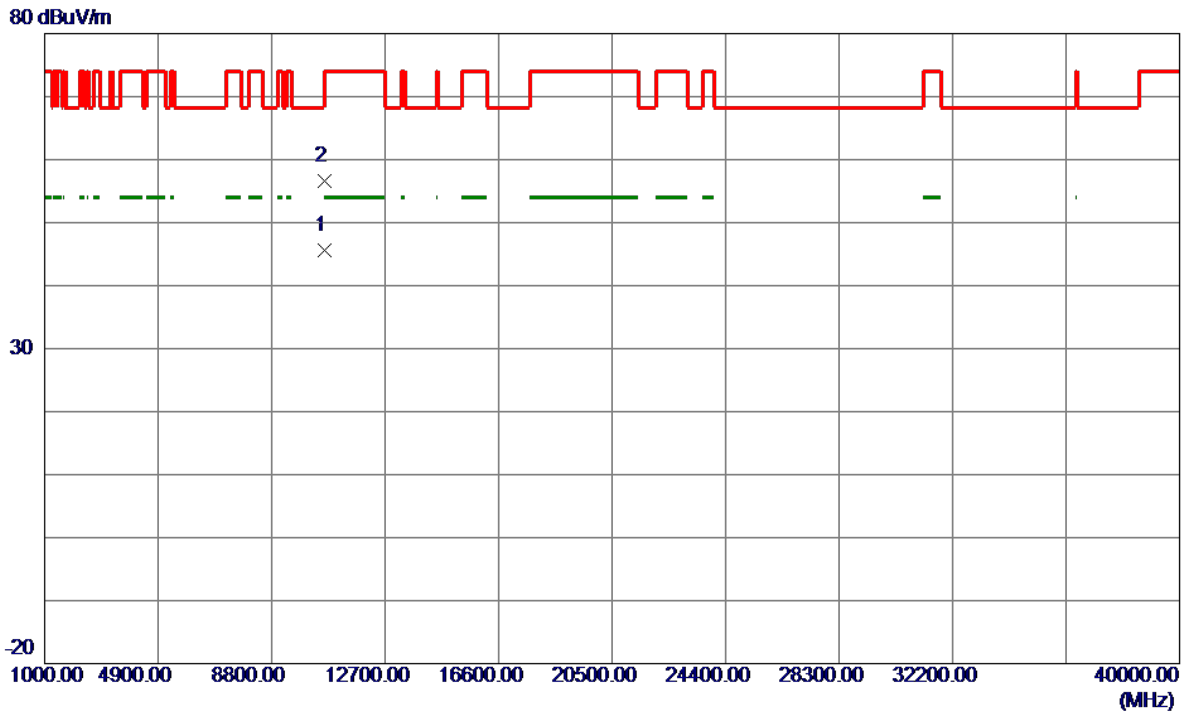


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5321.3000	89.34	18.57	107.91	68.20	39.71	Peak	No Limit
2	5321.5000	79.64	18.57	98.21	999.00	-900.79	AVG	No Limit
3	5350.0000	34.72	18.66	53.38	74.00	-20.62	Peak	
4	5350.0000	27.60	18.66	46.26	54.00	-7.74	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	Horizontal
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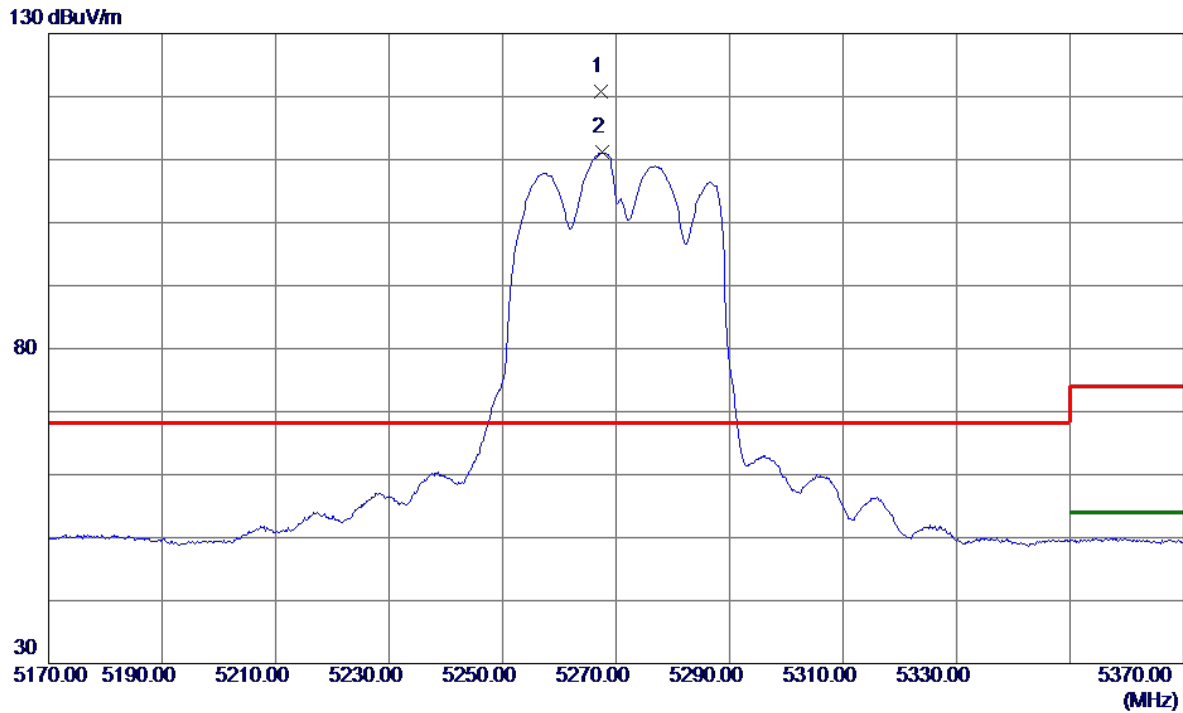


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10641.2300	29.81	15.86	45.67	54.00	-8.33	AVG	
2	10641.4100	40.82	15.86	56.68	74.00	-17.32	Peak	

**REMARKS:**

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

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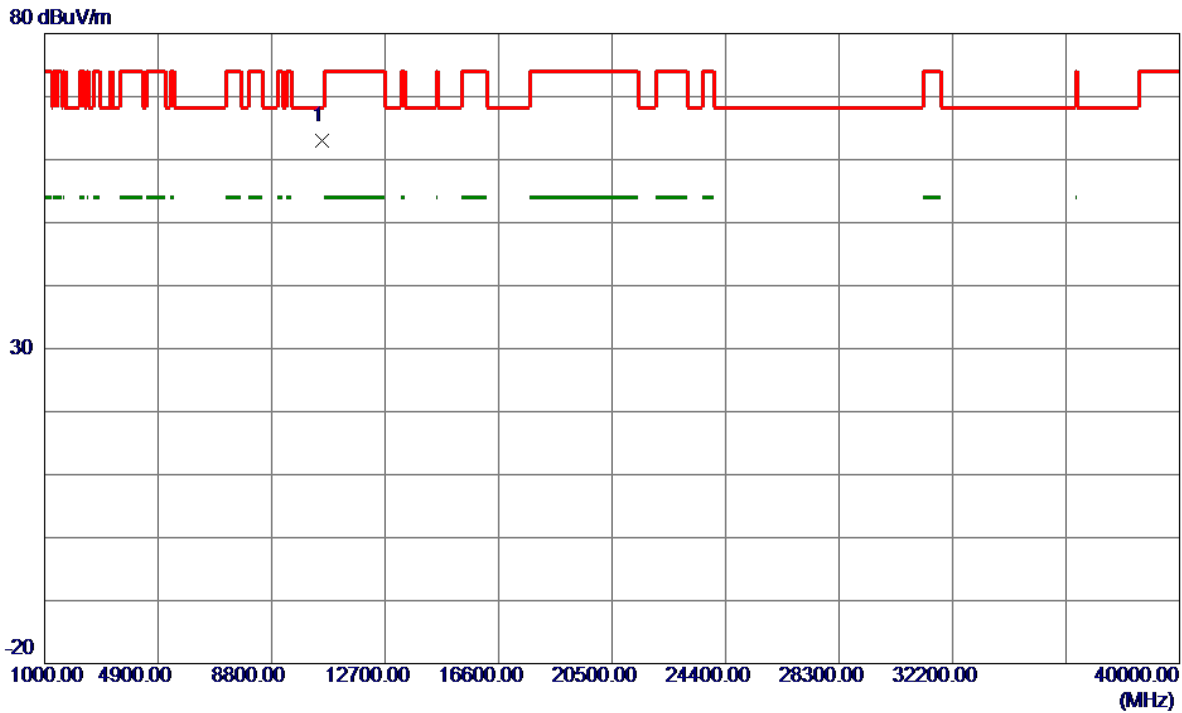


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5267.3000	102.47	18.41	120.88	68.20	52.68	Peak	No Limit
2	5267.6000	92.72	18.41	111.13	999.00	-887.87	AVG	No Limit

**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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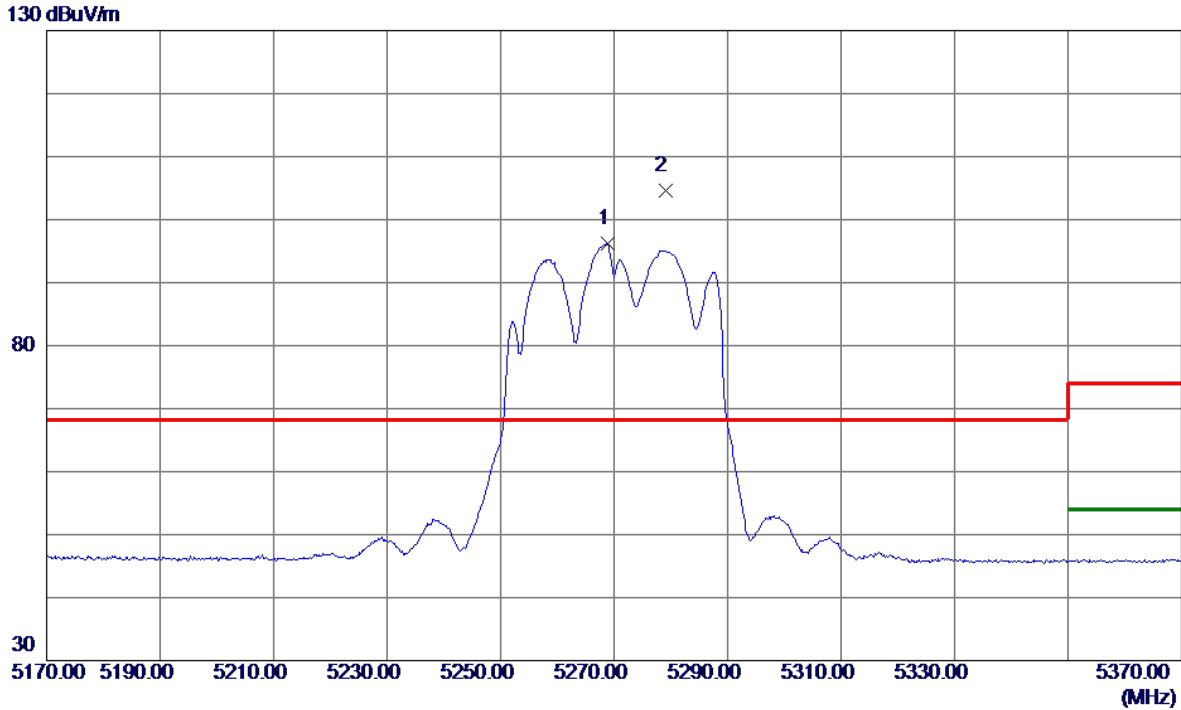


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10540.1750	47.23	15.79	63.02	68.20	-5.18	Peak	

**REMARKS:**

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

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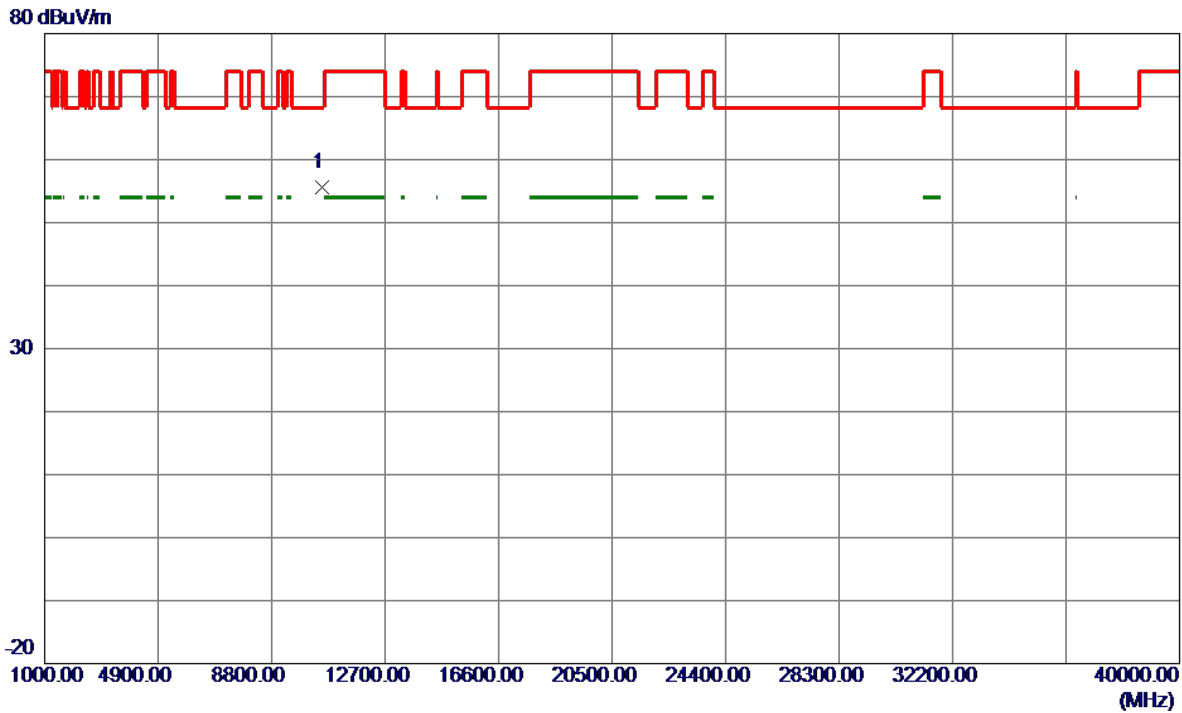


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5268.8000	77.72	18.41	96.13	999.00	-902.87	AVG	No Limit
2 *	5279.0000	86.22	18.44	104.66	68.20	36.46	Peak	No Limit

**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	Horizontal
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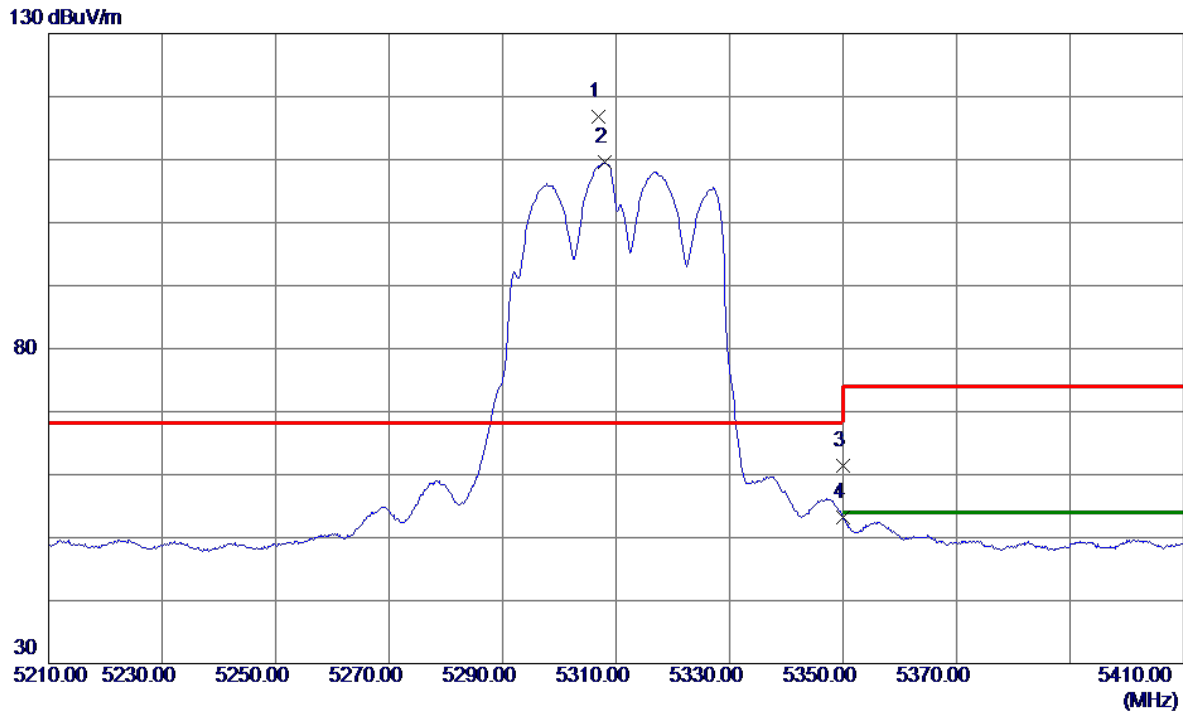


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10540.8700	39.89	15.80	55.69	68.20	-12.51	Peak	

**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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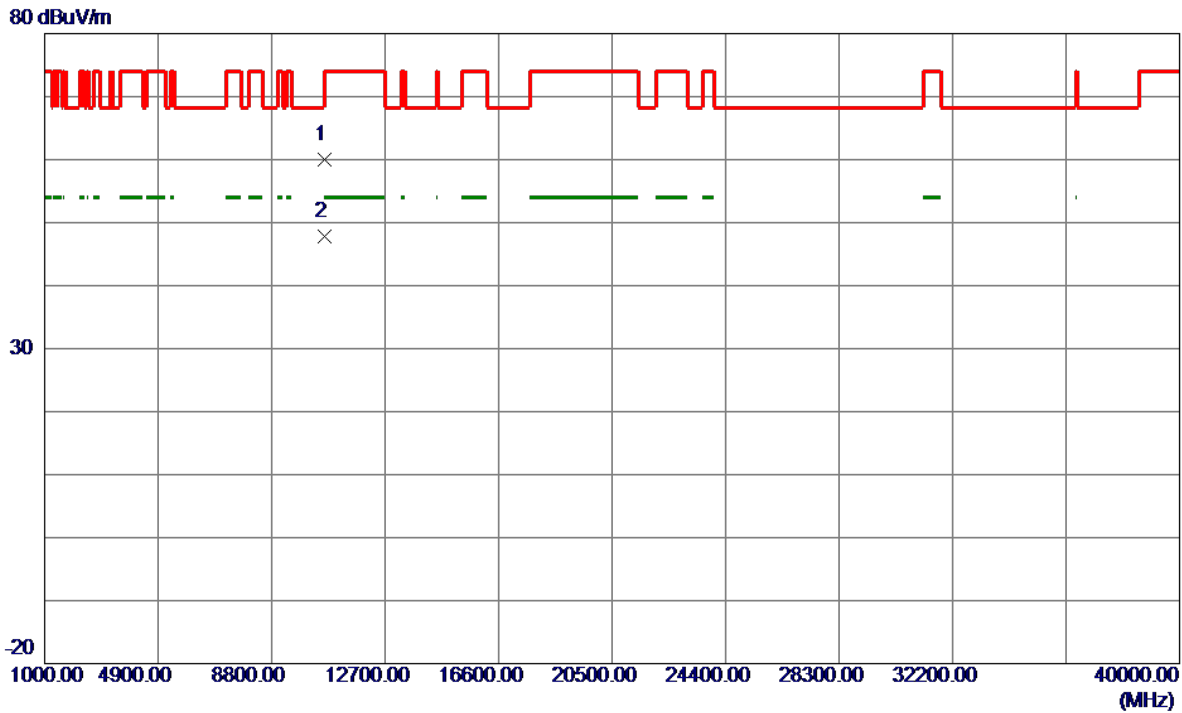


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5306.9000	98.25	18.53	116.78	68.20	48.58	Peak	No Limit
2	5307.9000	90.98	18.53	109.51	999.00	-889.49	AVG	No Limit
3	5350.0000	42.79	18.66	61.45	74.00	-12.55	Peak	
4	5350.0000	34.58	18.66	53.24	54.00	-0.76	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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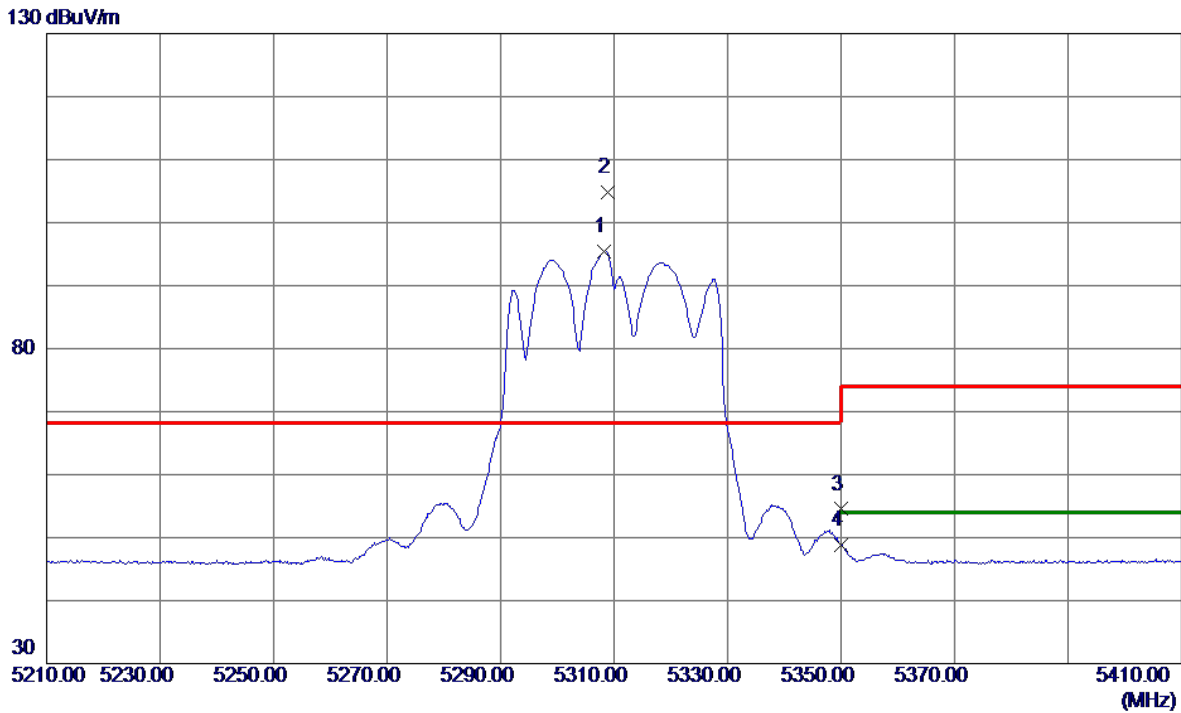
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10619.7300	44.14	15.84	59.98	74.00	-14.02	Peak	
2 *	10620.1500	31.94	15.84	47.78	54.00	-6.22	AVG	

**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	Horizontal
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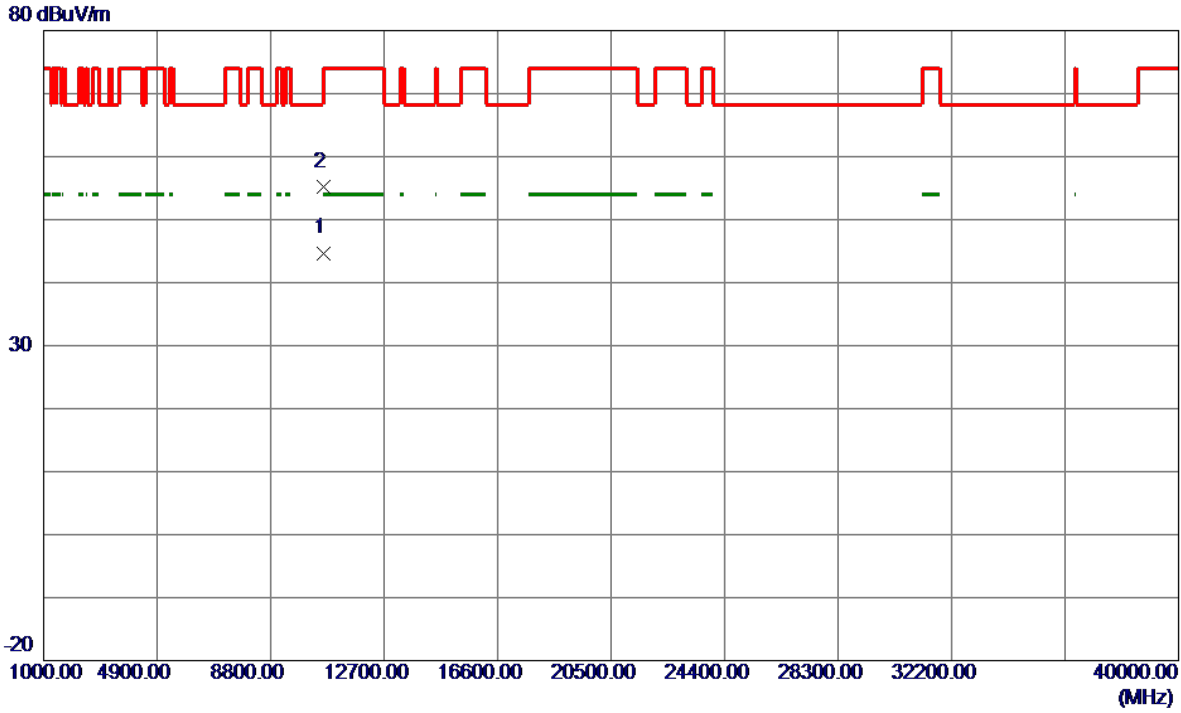


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5308.3000	76.88	18.53	95.41	999.00	-903.59	AVG	No Limit
2 *	5308.8000	86.19	18.53	104.72	68.20	36.52	Peak	No Limit
3	5350.0000	35.84	18.66	54.50	74.00	-19.50	Peak	
4	5350.0000	30.11	18.66	48.77	54.00	-5.23	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	Horizontal
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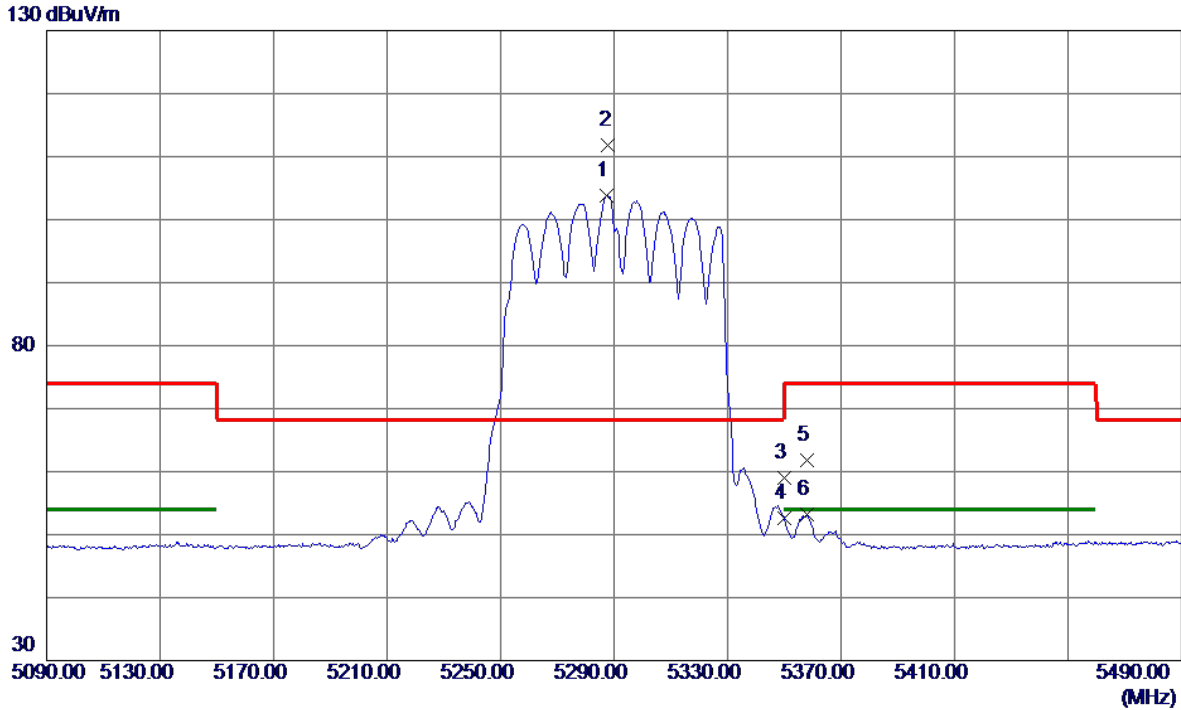


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10620.1849	28.86	15.84	44.70	54.00	-9.30	AVG	
2	10620.2850	39.42	15.84	55.26	74.00	-18.74	Peak	

**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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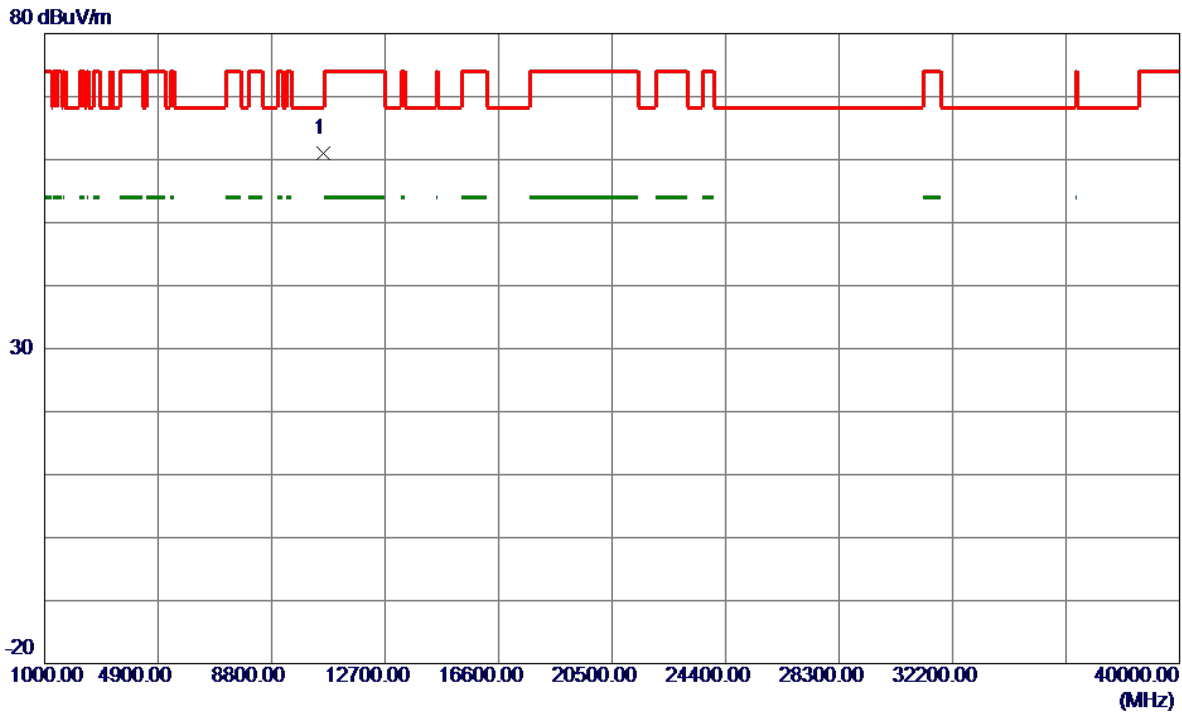


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5287.4000	85.32	18.47	103.79	999.00	-895.21	AVG	No Limit
2 *	5288.0000	93.28	18.47	111.75	68.20	43.55	Peak	No Limit
3	5350.0000	40.37	18.66	59.03	74.00	-14.97	Peak	
4	5350.0000	33.85	18.66	52.51	54.00	-1.49	AVG	
5	5357.8000	43.07	18.69	61.76	74.00	-12.24	Peak	
6	5357.8000	34.48	18.69	53.17	54.00	-0.83	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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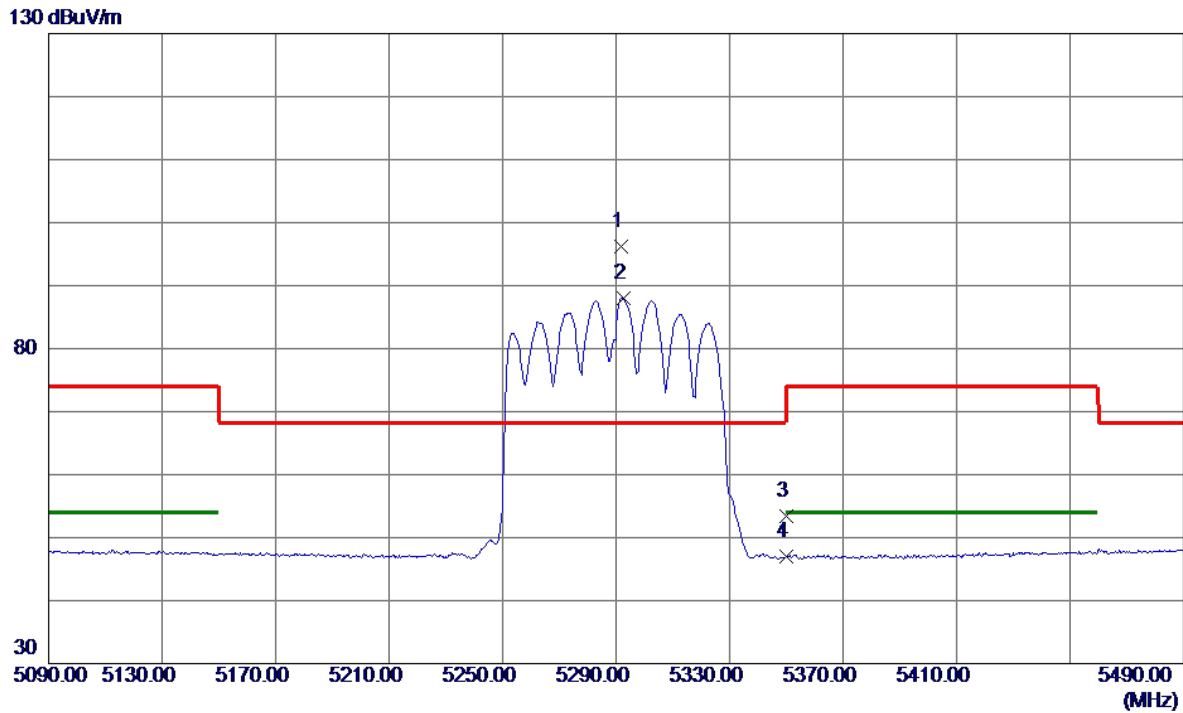


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10582.2400	45.16	15.82	60.98	68.20	-7.22	Peak	

**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	Horizontal
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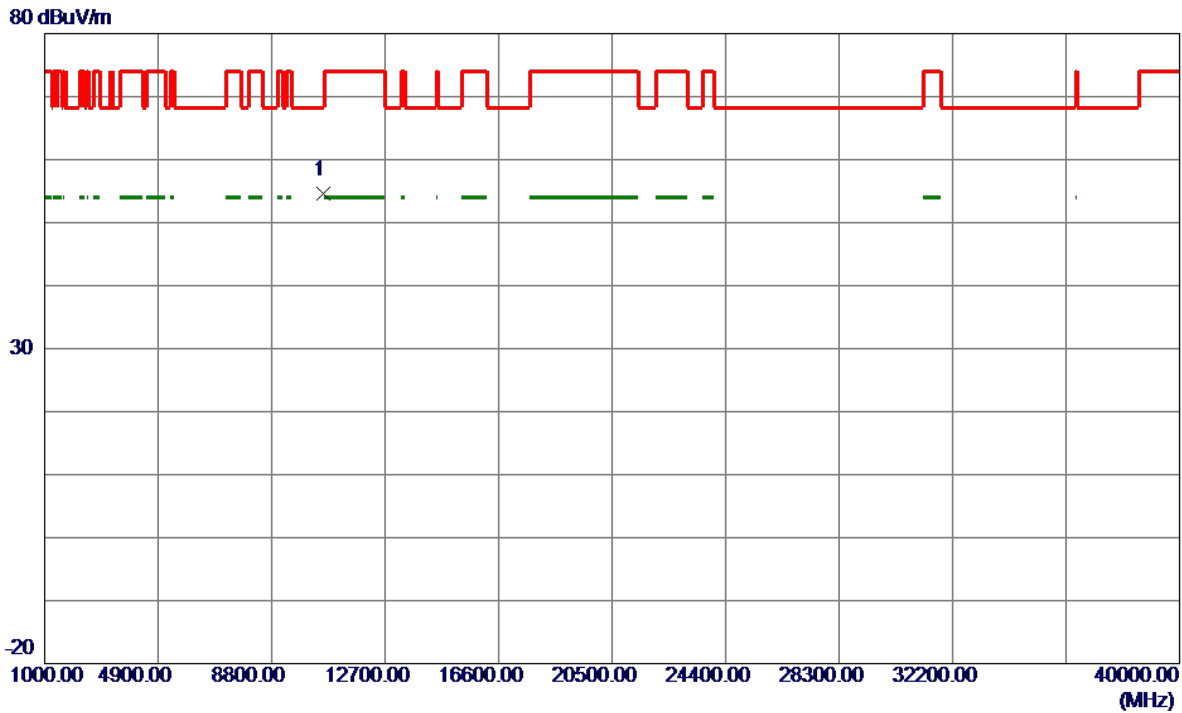


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5291.6000	77.69	18.48	96.17	68.20	27.97	Peak	No Limit
2	5292.8000	69.52	18.49	88.01	999.00	-910.99	AVG	No Limit
3	5350.0000	34.79	18.66	53.45	74.00	-20.55	Peak	
4	5350.0000	28.25	18.66	46.91	54.00	-7.09	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	Horizontal
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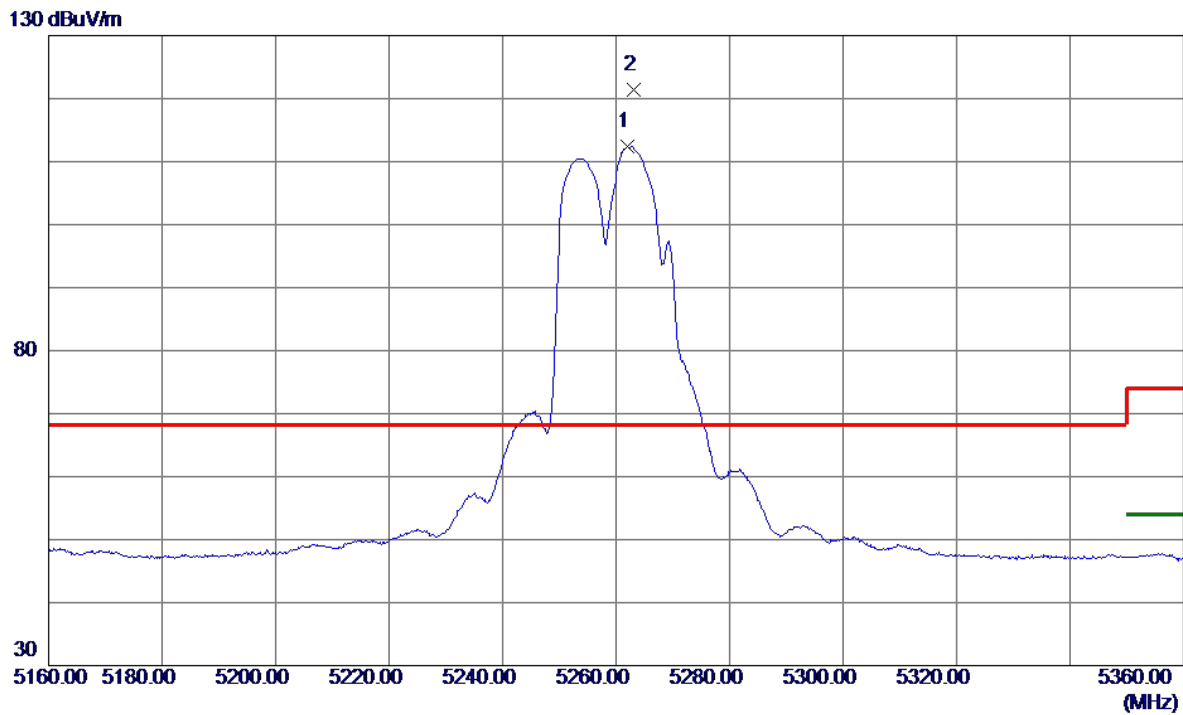


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10580.5750	38.68	15.82	54.50	68.20	-13.70	Peak	

**REMARKS:**

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

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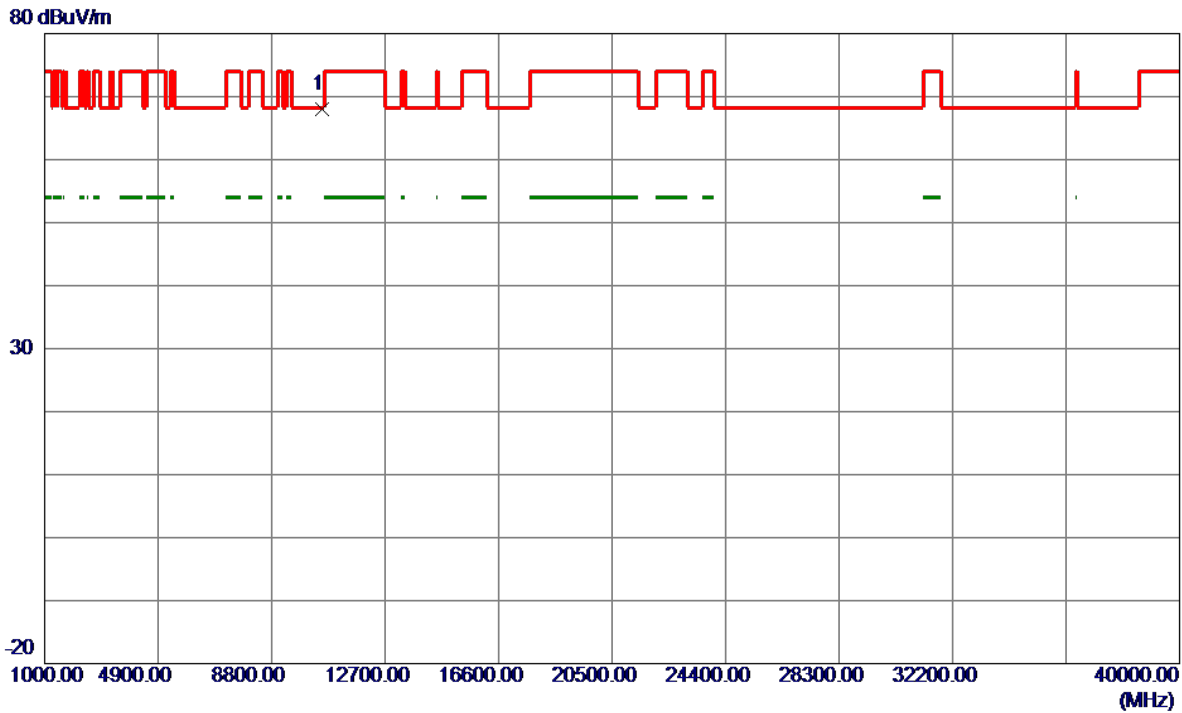


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5262.1000	94.06	18.39	112.45	999.00	-886.55	AVG	No Limit
2 *	5263.1000	103.08	18.39	121.47	68.20	53.27	Peak	No Limit

**REMARKS:**

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

Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical
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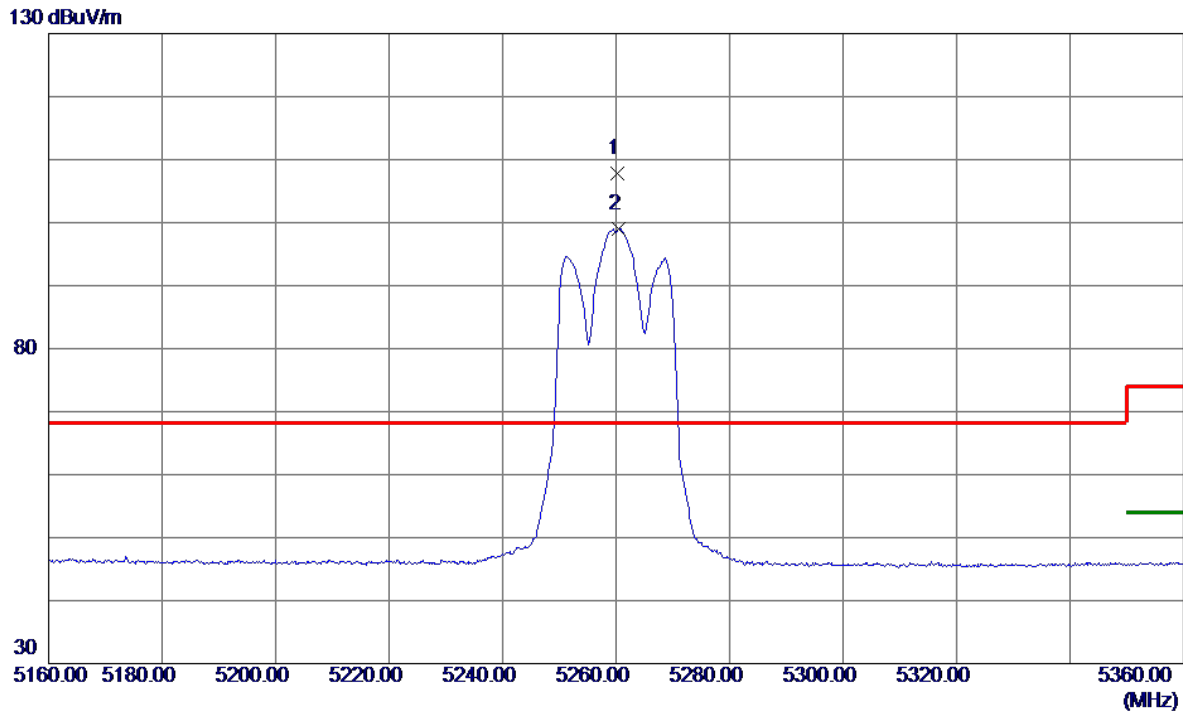
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10520.8300	52.32	15.78	68.10	68.20	-0.10	Peak	

**REMARKS:**

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



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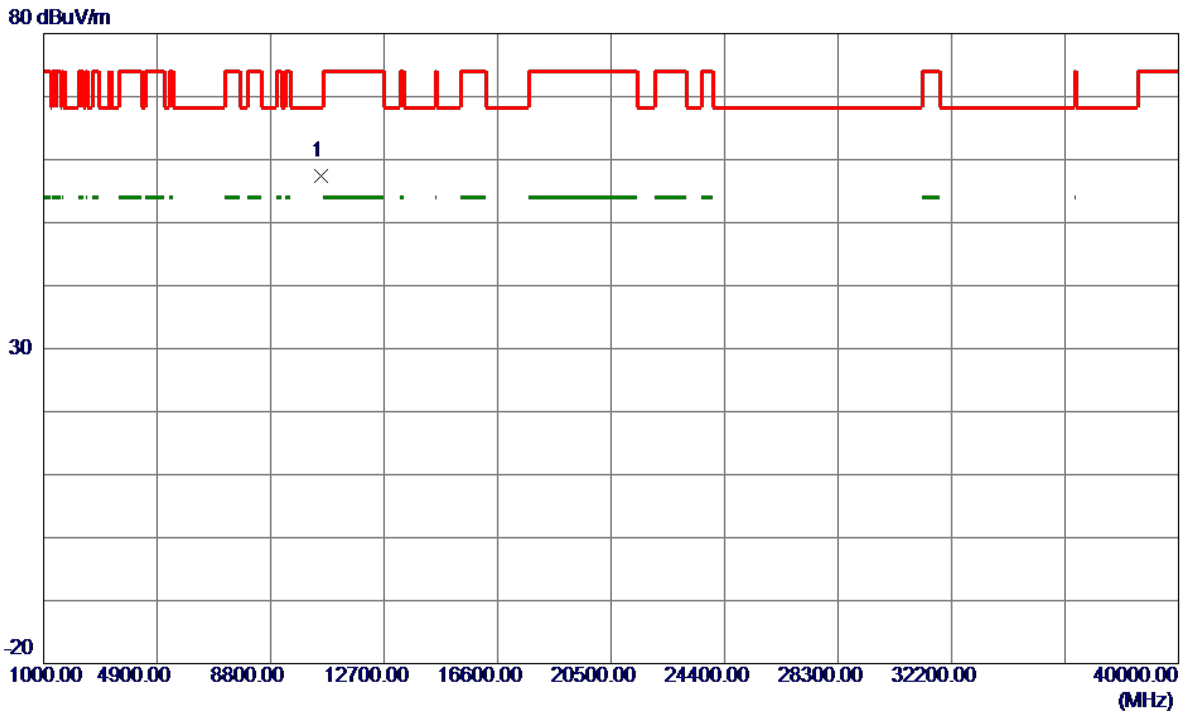


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5260.2000	89.50	18.39	107.89	68.20	39.69	Peak	No Limit
2	5260.5000	80.70	18.39	99.09	999.00	-899.91	AVG	No Limit

**REMARKS:**

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

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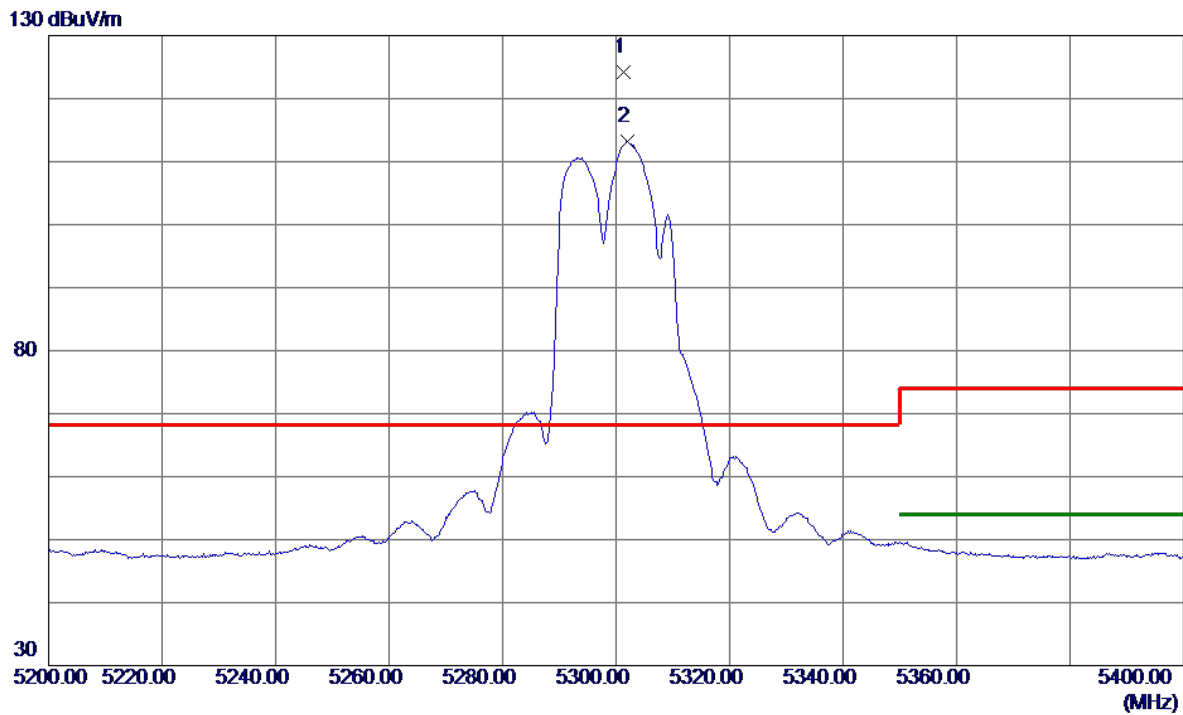


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10520.5679	41.60	15.78	57.38	68.20	-10.82	Peak	

**REMARKS:**

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

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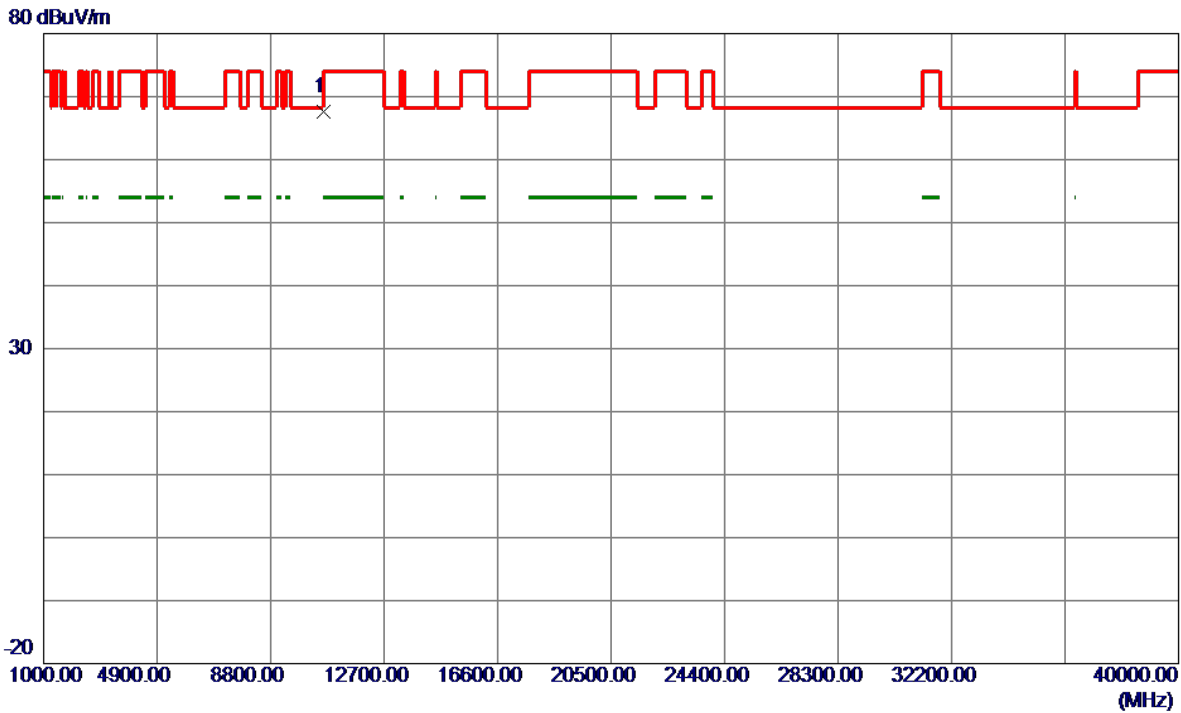


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5301.4000	105.60	18.51	124.11	68.20	55.91	Peak	No Limit
2	5302.0000	94.72	18.51	113.23	999.00	-885.77	AVG	No Limit

**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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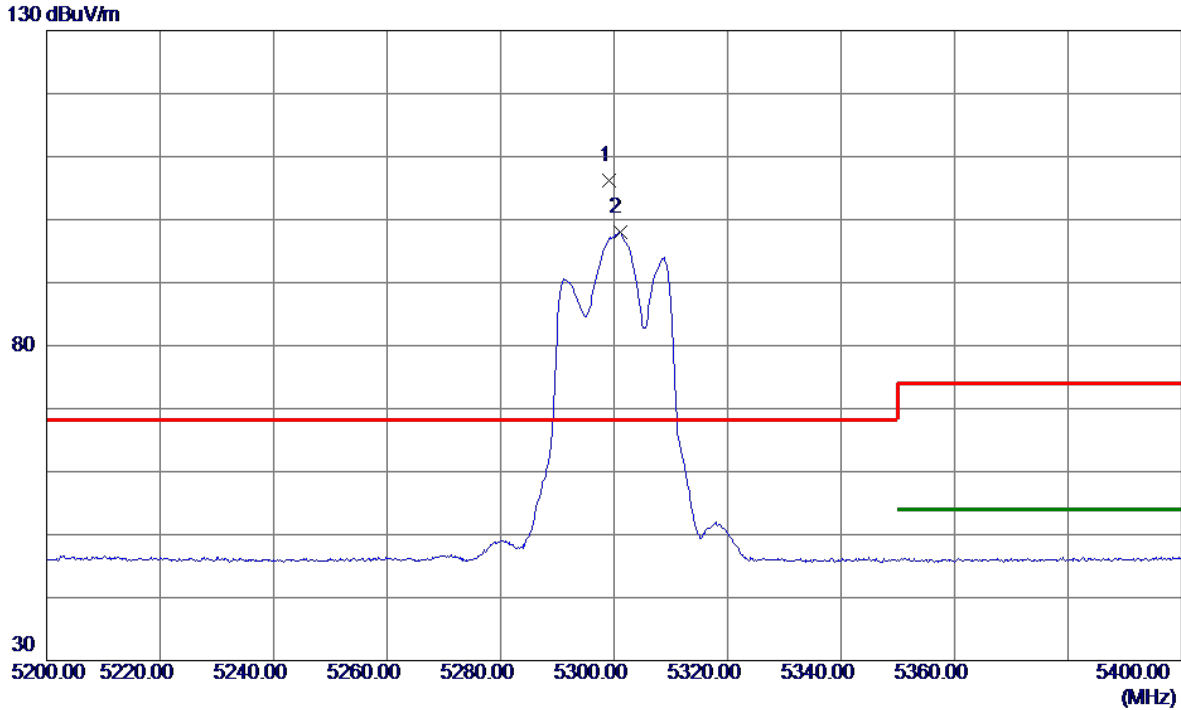


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10599.4220	51.70	15.83	67.53	68.20	-0.67	Peak	

**REMARKS:**

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

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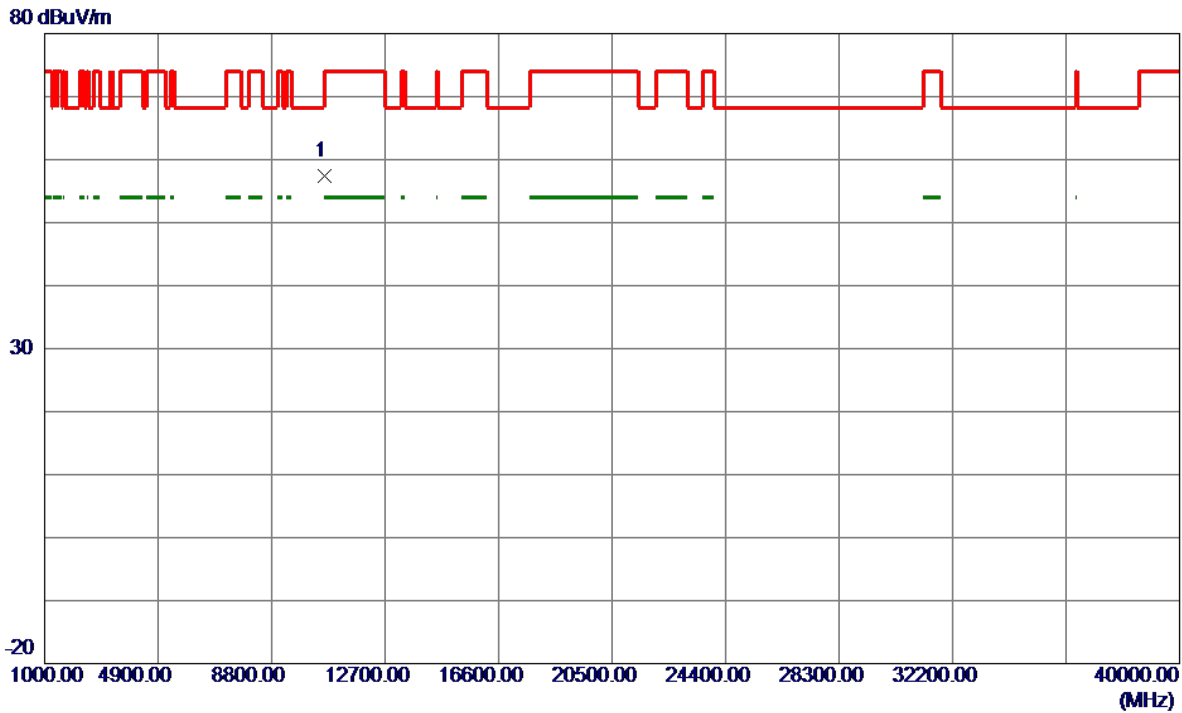


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5299.2000	87.78	18.50	106.28	68.20	38.08	Peak	No Limit
2	5301.0000	79.40	18.51	97.91	999.00	-901.09	AVG	No Limit

**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	Horizontal
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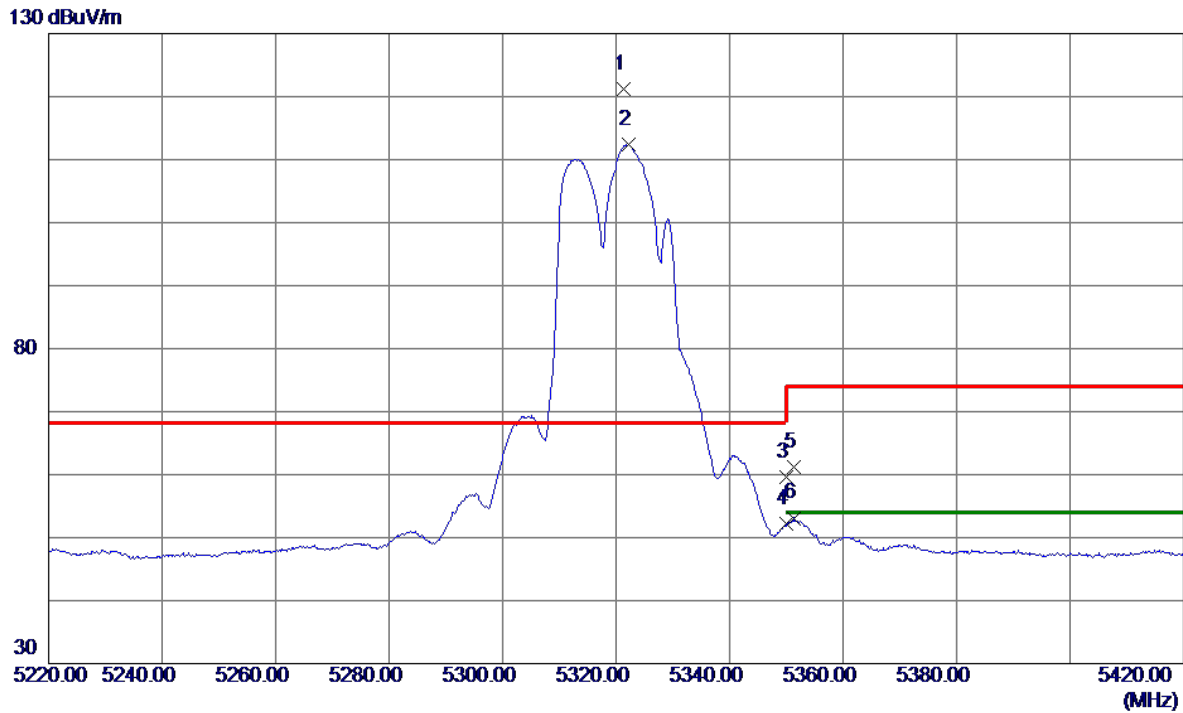


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10598.4020	41.65	15.83	57.48	68.20	-10.72	Peak	

**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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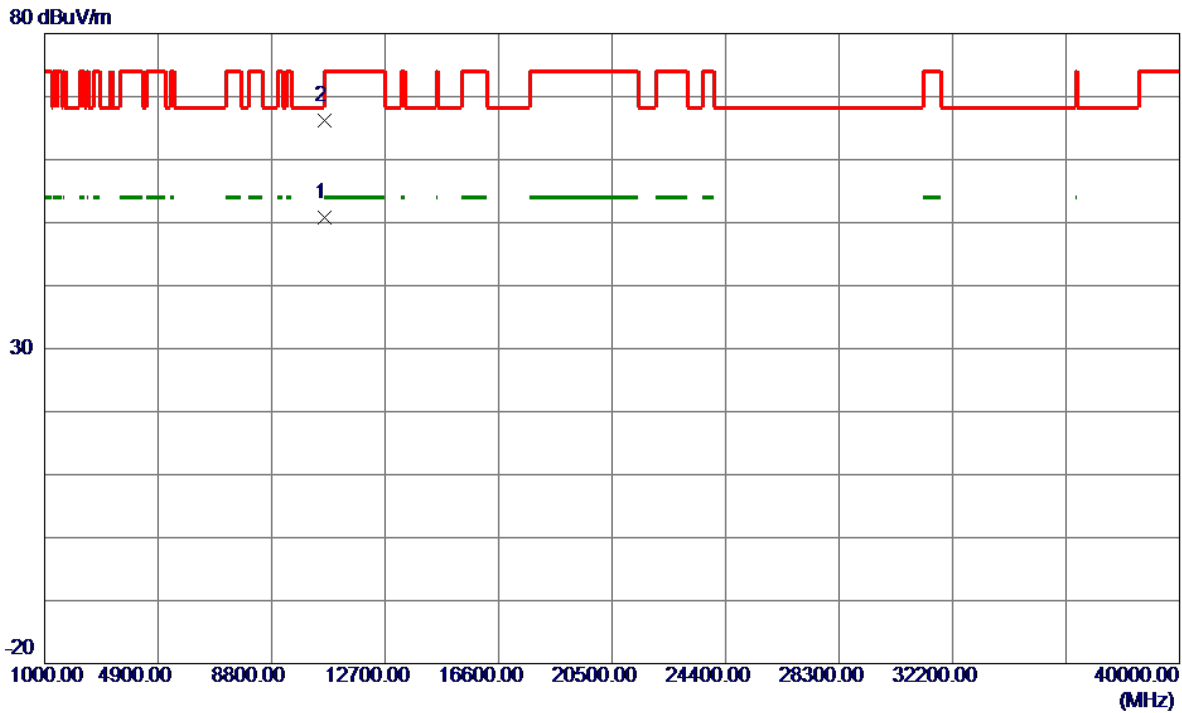


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5321.4000	102.55	18.57	121.12	68.20	52.92	Peak	No Limit
2	5322.2000	93.81	18.58	112.39	999.00	-886.61	AVG	No Limit
3	5350.0000	40.85	18.66	59.51	74.00	-14.49	Peak	
4	5350.0000	33.55	18.66	52.21	54.00	-1.79	AVG	
5	5351.3000	42.45	18.67	61.12	74.00	-12.88	Peak	
6	5351.3000	34.43	18.67	53.10	54.00	-0.90	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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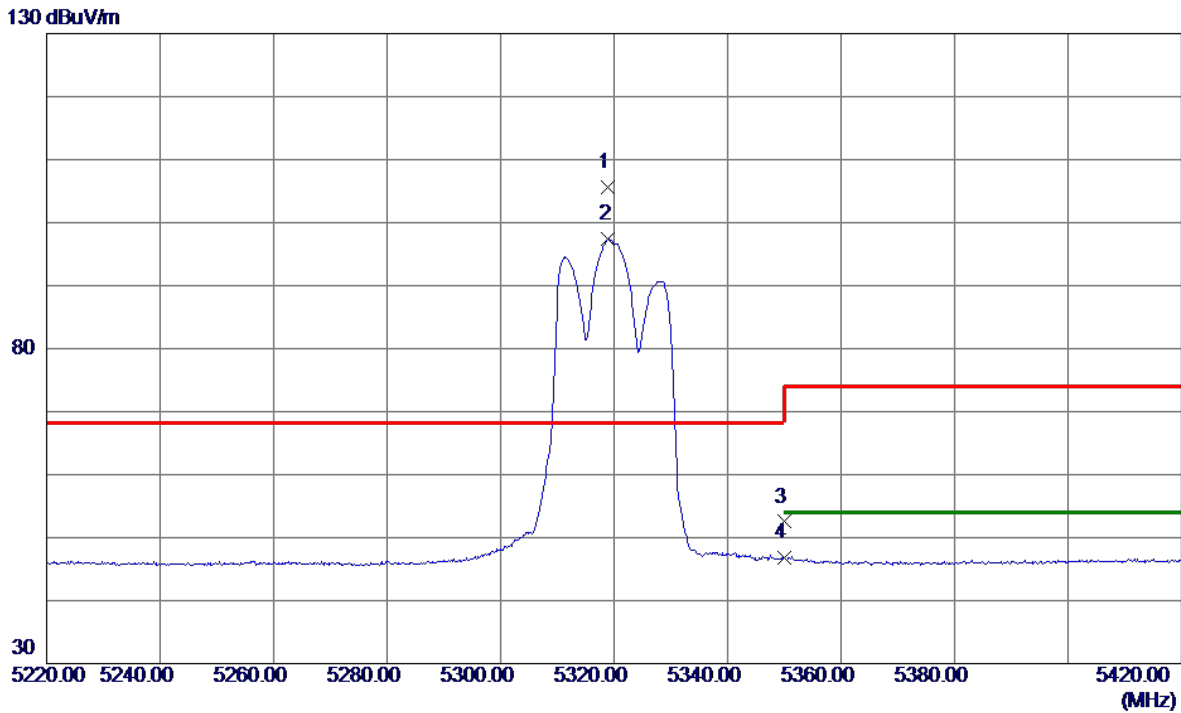
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10639.0839	34.93	15.86	50.79	54.00	-3.21	AVG	
2	10640.4440	50.35	15.86	66.21	74.00	-7.79	Peak	

**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	Horizontal
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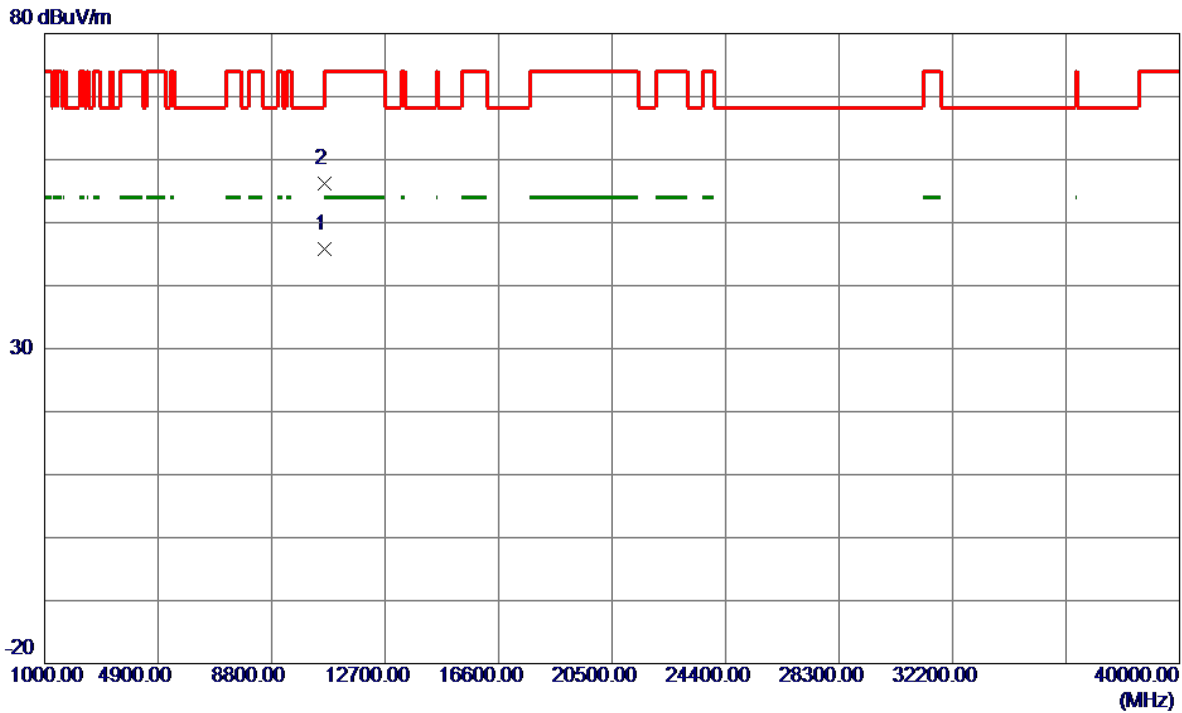


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5318.8000	87.06	18.57	105.63	68.20	37.43	Peak	No Limit
2	5319.0000	78.84	18.57	97.41	999.00	-901.59	AVG	No Limit
3	5350.0000	33.84	18.66	52.50	74.00	-21.50	Peak	
4	5350.0000	28.13	18.66	46.79	54.00	-7.21	AVG	

REMARKS:

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

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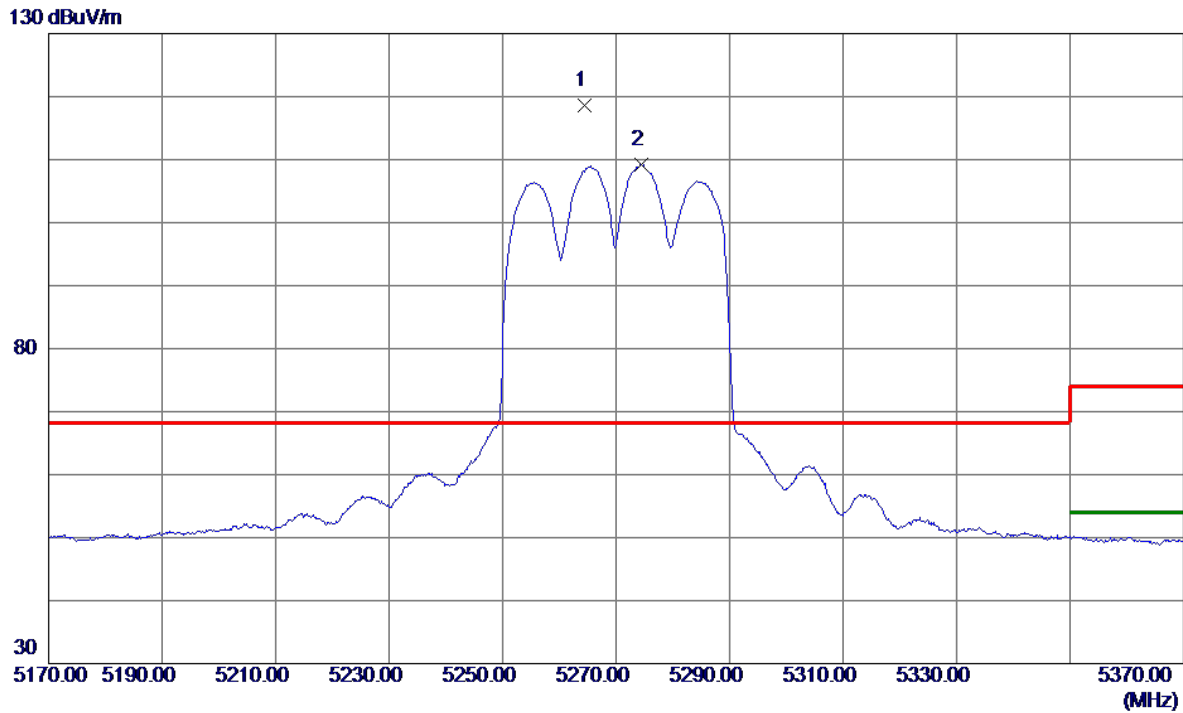


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10639.4400	29.86	15.86	45.72	54.00	-8.28	AVG	
2	10640.5700	40.38	15.86	56.24	74.00	-17.76	Peak	

**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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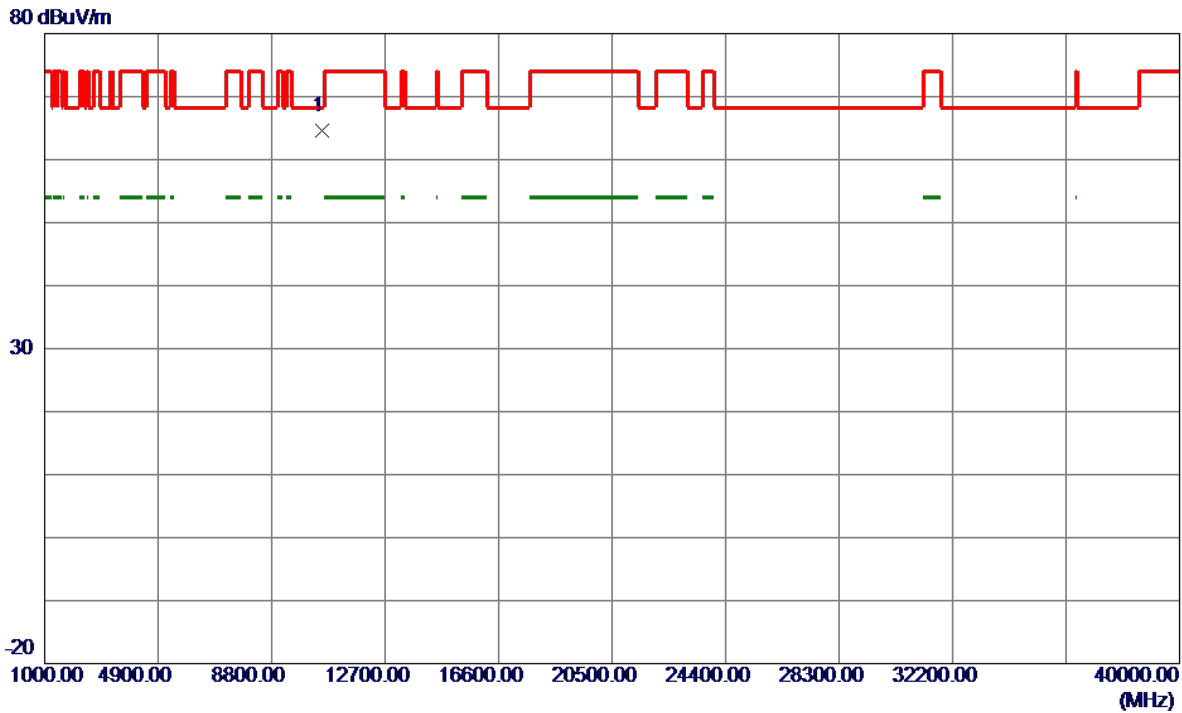


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5264.5000	100.22	18.40	118.62	68.20	50.42	Peak	No Limit
2	5274.4000	90.82	18.43	109.25	999.00	-889.75	AVG	No Limit

**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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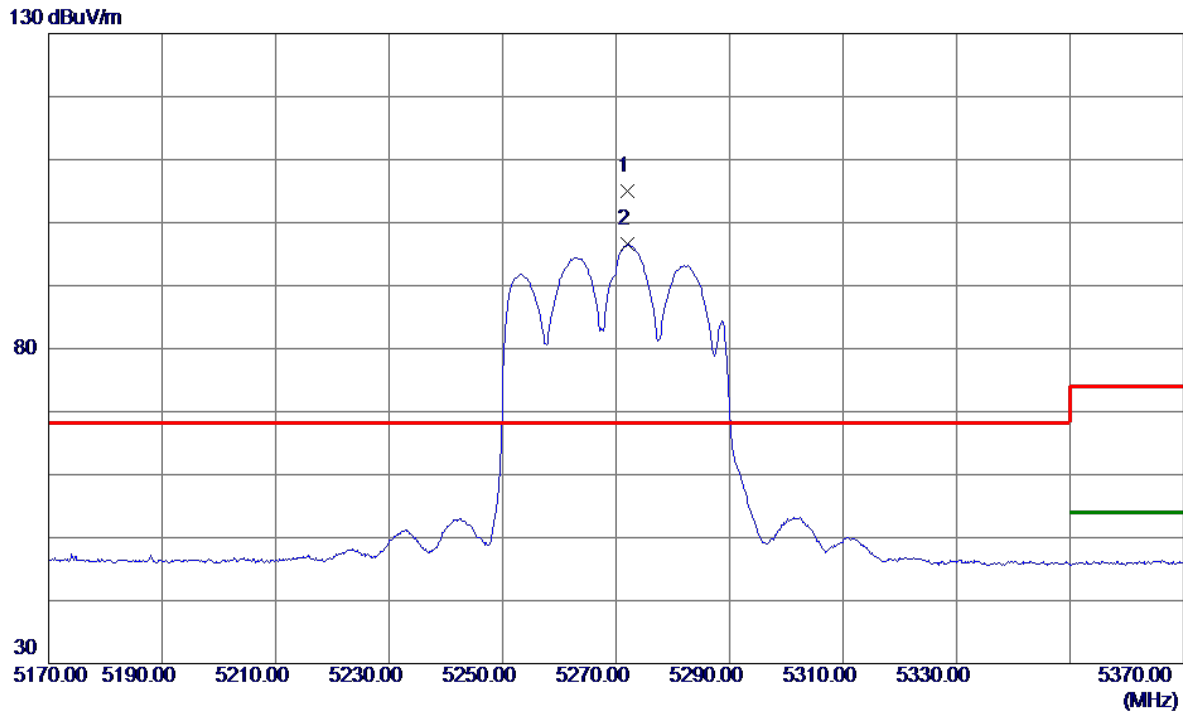


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10541.9550	48.76	15.80	64.56	68.20	-3.64	Peak	

**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	Horizontal
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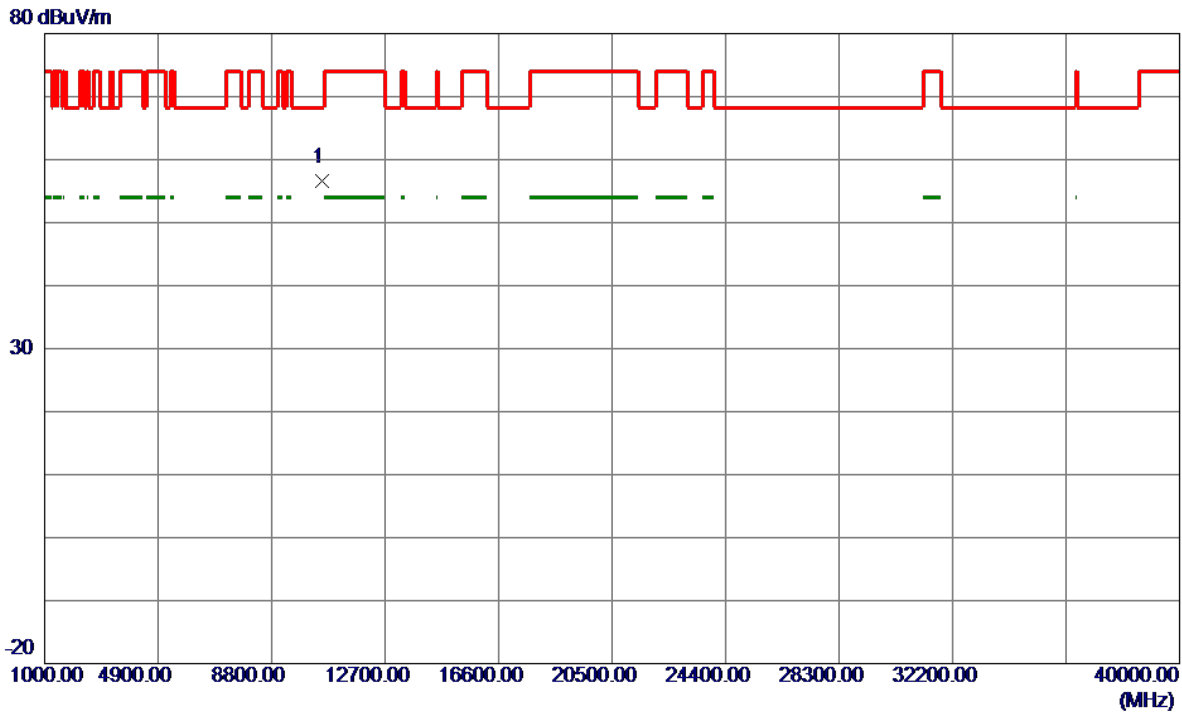


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5272.0000	86.55	18.42	104.97	68.20	36.77	Peak	No Limit
2	5272.1000	78.26	18.42	96.68	999.00	-902.32	AVG	No Limit

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	Horizontal
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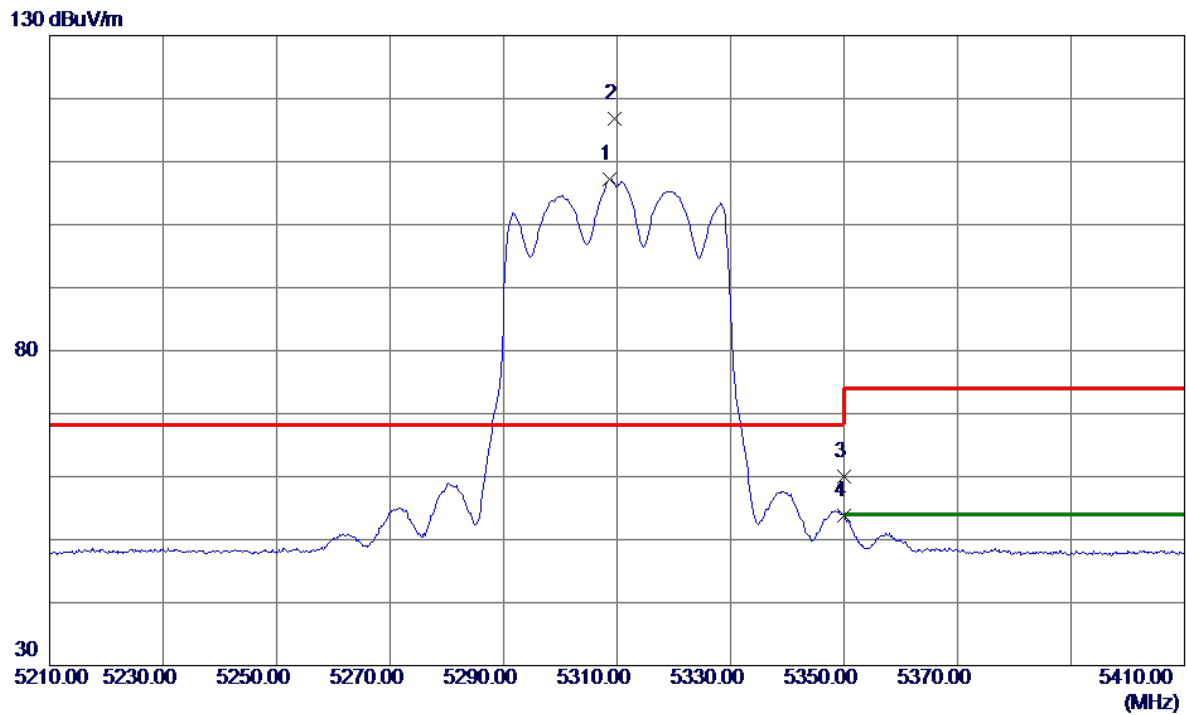


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10541.6550	40.70	15.80	56.50	68.20	-11.70	Peak	

**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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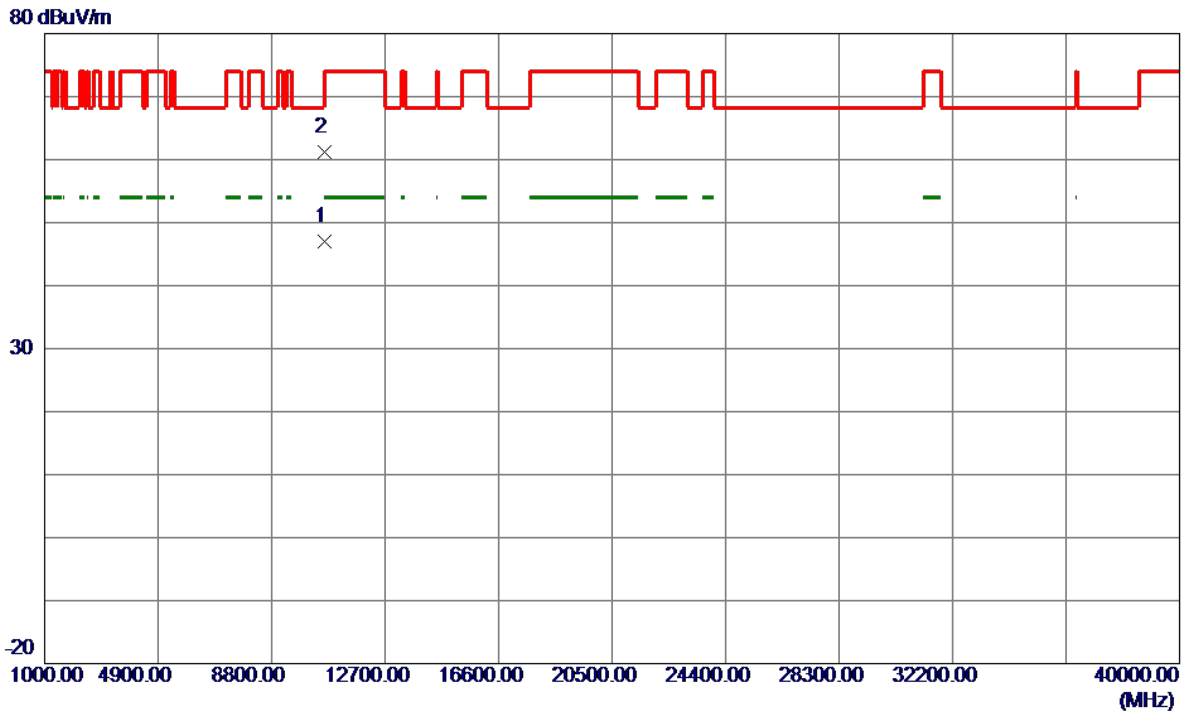


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5308.6000	88.69	18.53	107.22	999.00	-891.78	AVG	No Limit
2 *	5309.6000	98.30	18.54	116.84	68.20	48.64	Peak	No Limit
3	5350.0000	41.36	18.66	60.02	74.00	-13.98	Peak	
4	5350.0000	35.09	18.66	53.75	54.00	-0.25	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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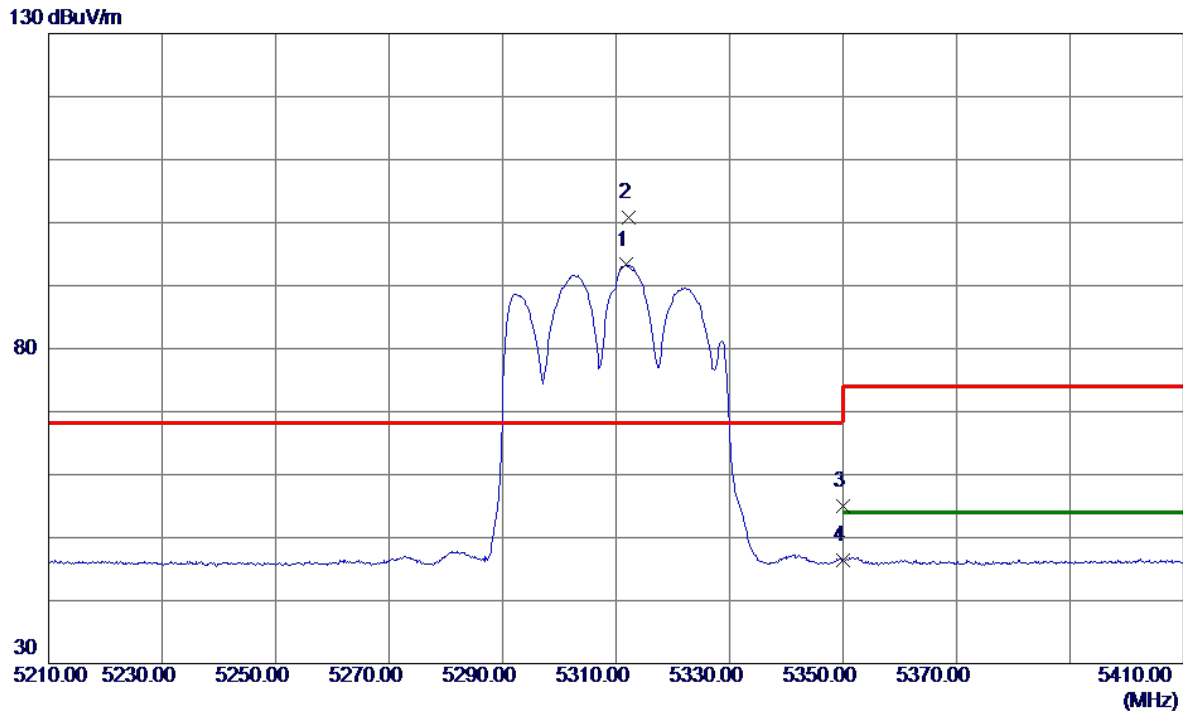
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10620.9300	31.18	15.85	47.03	54.00	-6.97	AVG	
2	10622.3600	45.26	15.85	61.11	74.00	-12.89	Peak	

**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	Horizontal
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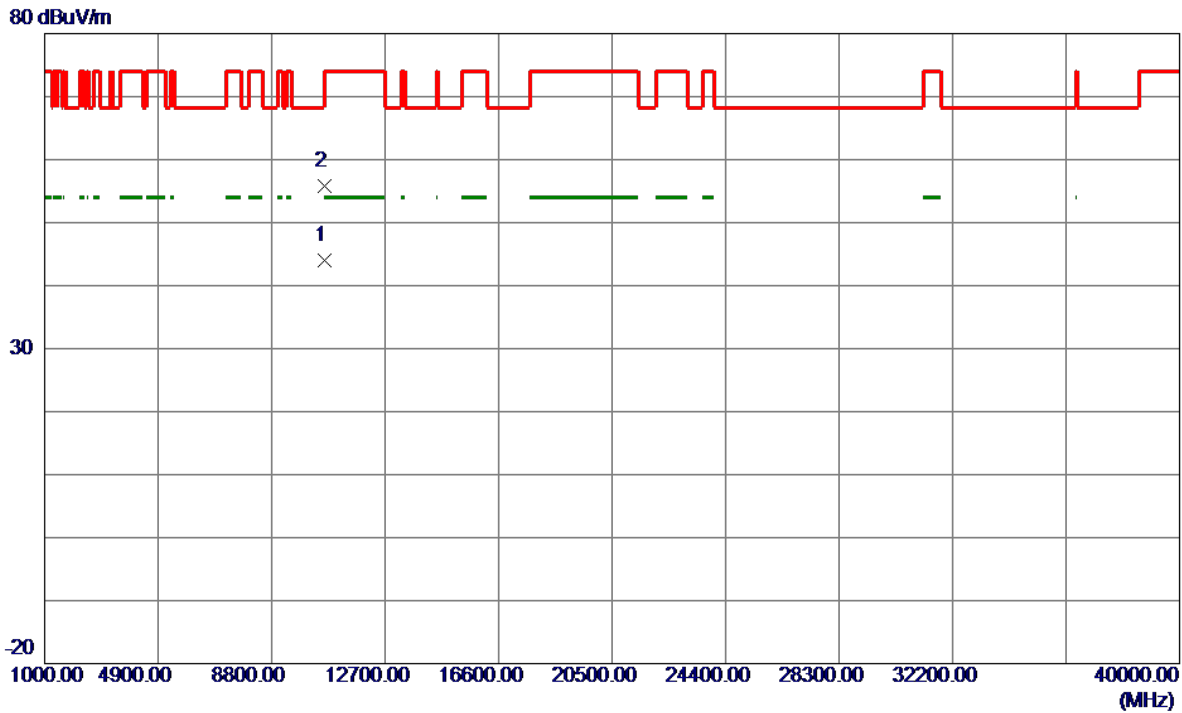


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5311.8000	74.76	18.54	93.30	999.00	-905.70	AVG	No Limit
2 *	5312.3000	82.32	18.55	100.87	68.20	32.67	Peak	No Limit
3	5350.0000	36.25	18.66	54.91	74.00	-19.09	Peak	
4	5350.0000	27.70	18.66	46.36	54.00	-7.64	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	Horizontal
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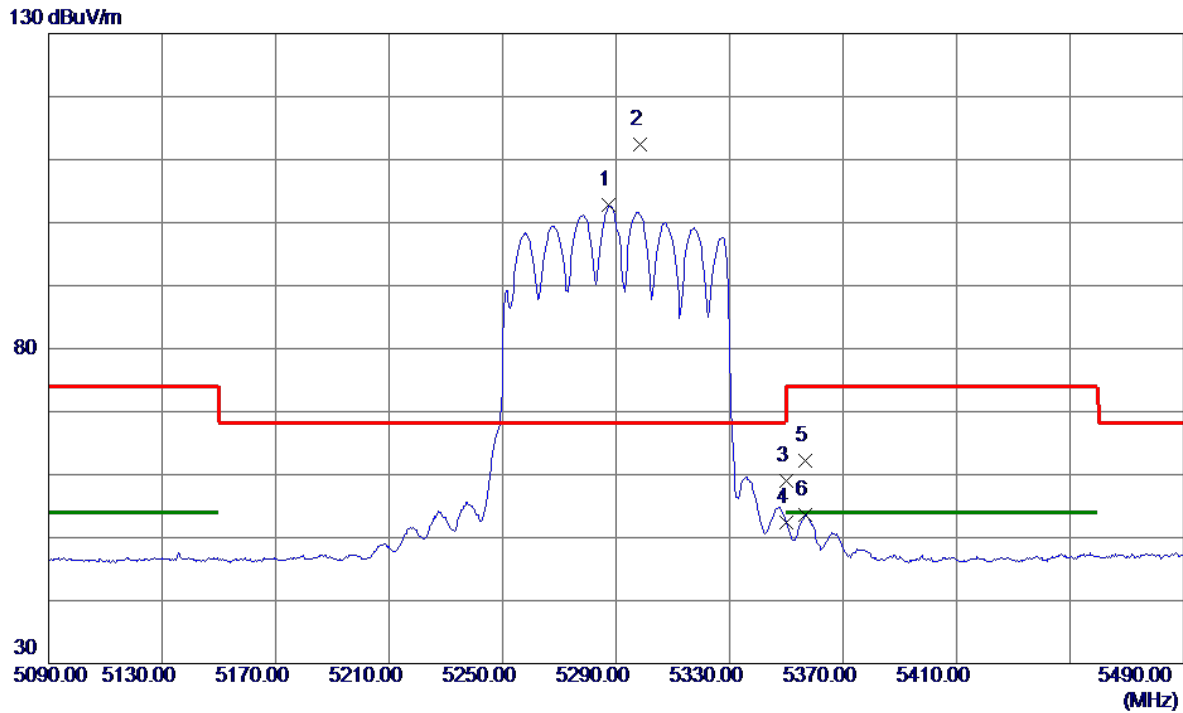


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10620.4800	28.15	15.84	43.99	54.00	-10.01	AVG	
2	10621.1800	39.91	15.85	55.76	74.00	-18.24	Peak	

**REMARKS:**

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

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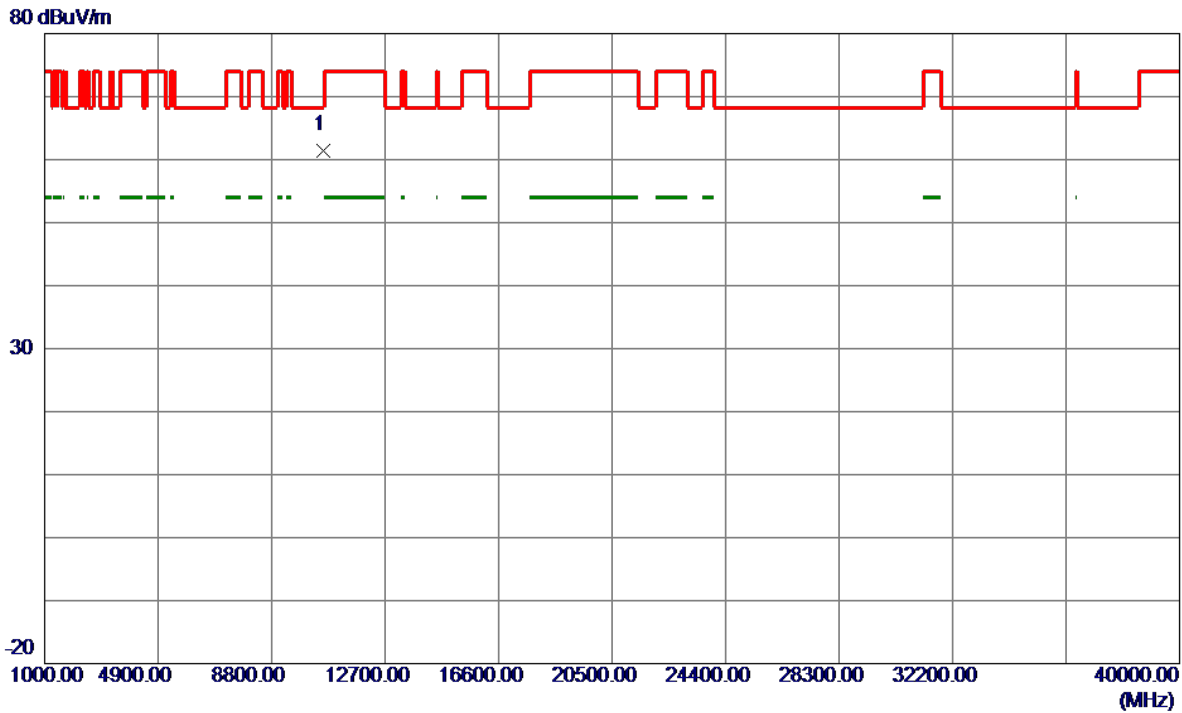


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5287.4000	84.26	18.47	102.73	999.00	-896.27	AVG	No Limit
2 *	5298.4000	93.92	18.50	112.42	68.20	44.22	Peak	No Limit
3	5350.0000	40.39	18.66	59.05	74.00	-14.95	Peak	
4	5350.0000	33.83	18.66	52.49	54.00	-1.51	AVG	
5	5356.6000	43.57	18.68	62.25	74.00	-11.75	Peak	
6	5356.6000	34.86	18.68	53.54	54.00	-0.46	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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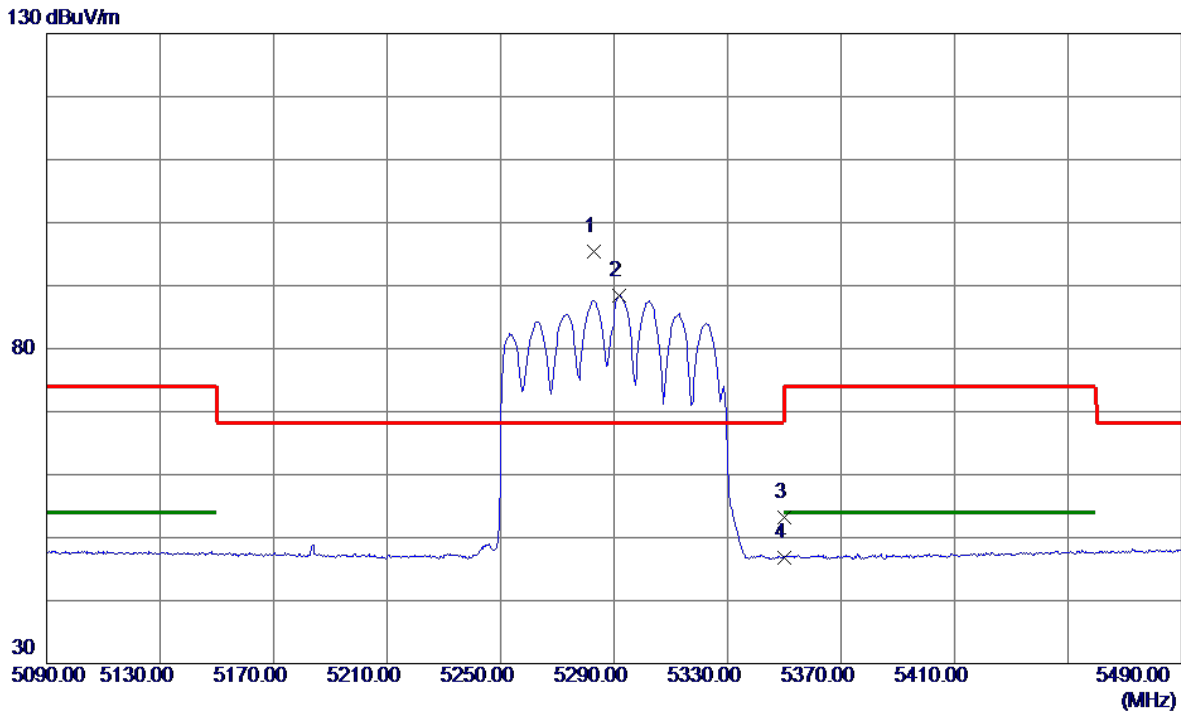


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10579.1600	45.68	15.82	61.50	68.20	-6.70	Peak	

**REMARKS:**

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

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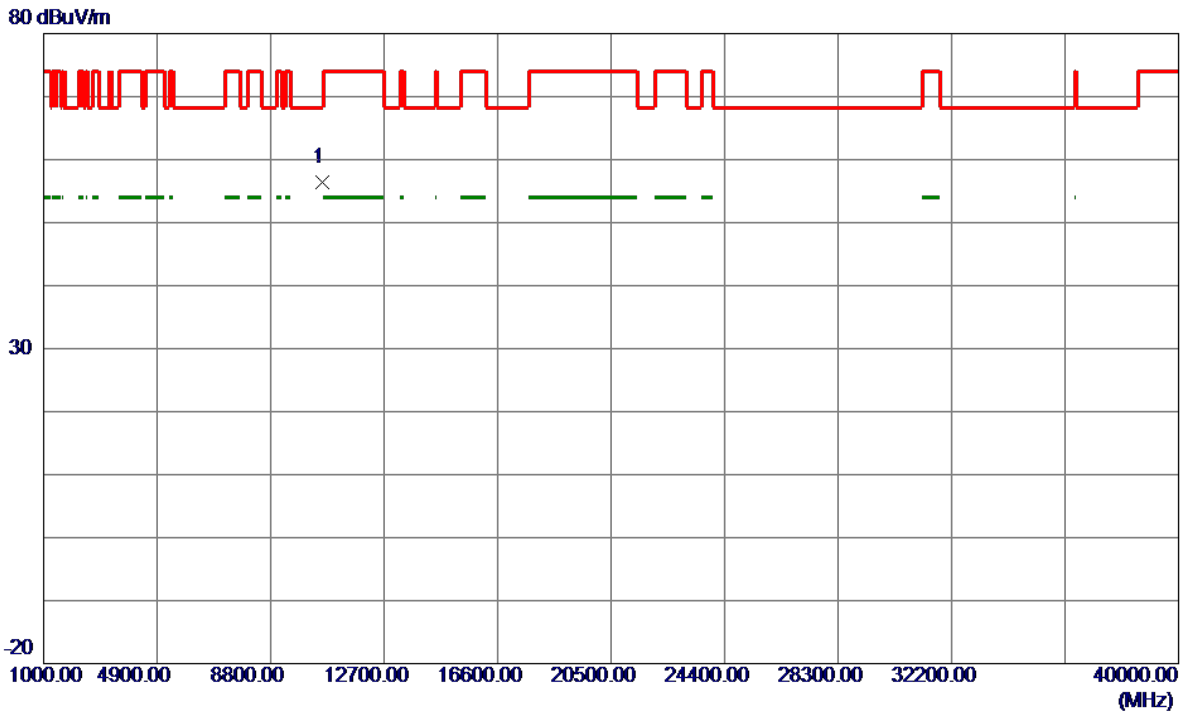


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5283.0000	76.85	18.46	95.31	68.20	27.11	Peak	No Limit
2	5291.8000	70.00	18.48	88.48	999.00	-910.52	AVG	No Limit
3	5350.0000	34.54	18.66	53.20	74.00	-20.80	Peak	
4	5350.0000	28.22	18.66	46.88	54.00	-7.12	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	Horizontal
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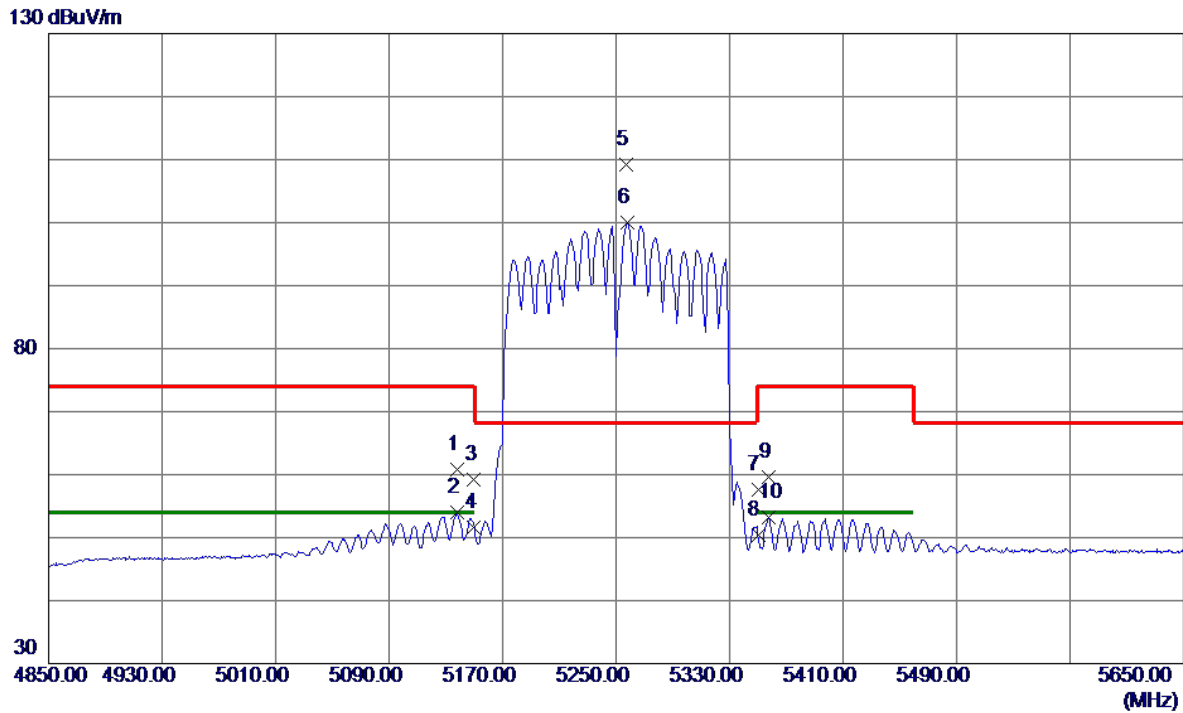


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10581.3550	40.51	15.82	56.33	68.20	-11.87	Peak	

**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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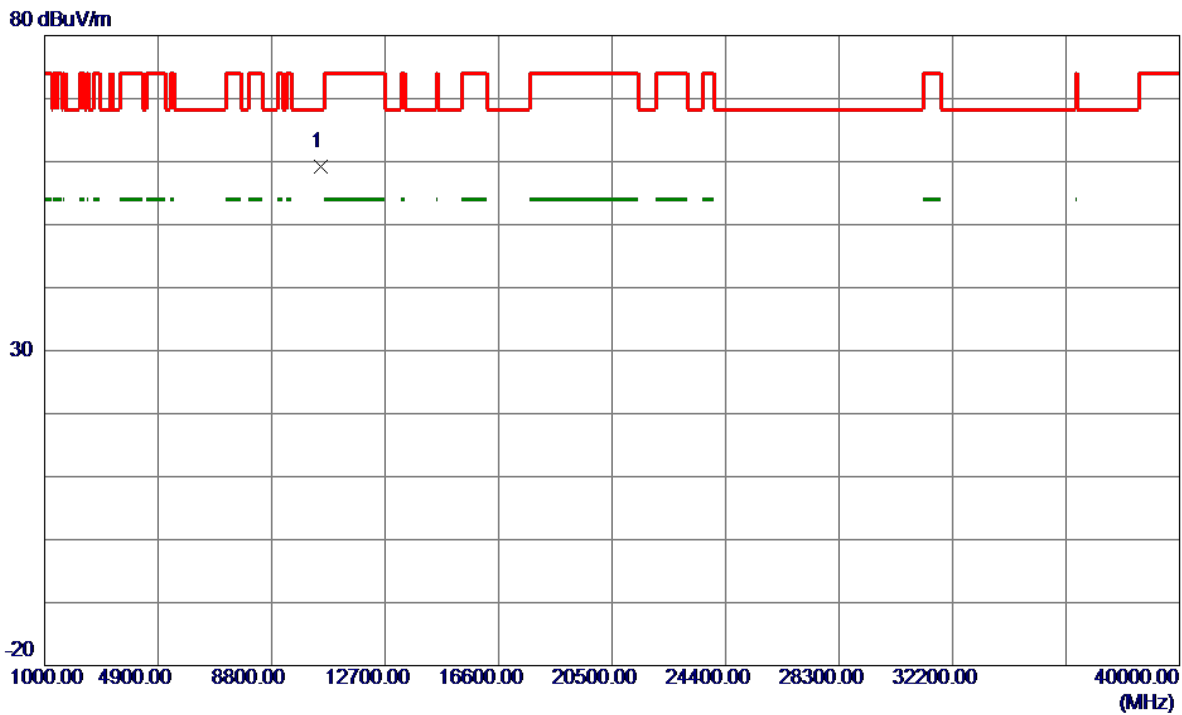


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5138.4000	42.82	18.01	60.83	74.00	-13.17	Peak	
2	5138.4000	35.91	18.01	53.92	54.00	-0.08	AVG	
3	5150.0000	41.18	18.05	59.23	74.00	-14.77	Peak	
4	5150.0000	33.54	18.05	51.59	54.00	-2.41	AVG	
5 *	5257.2000	90.82	18.38	109.20	68.20	41.00	Peak	No Limit
6	5257.6000	81.53	18.38	99.91	68.20	31.71	Peak	No Limit
7	5350.0000	38.94	18.66	57.60	74.00	-16.40	Peak	
8	5350.0000	31.76	18.66	50.42	54.00	-3.58	AVG	
9	5357.2000	40.97	18.68	59.65	74.00	-14.35	Peak	
10	5357.2000	34.43	18.68	53.11	54.00	-0.89	AVG	

**REMARKS:**

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

Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical
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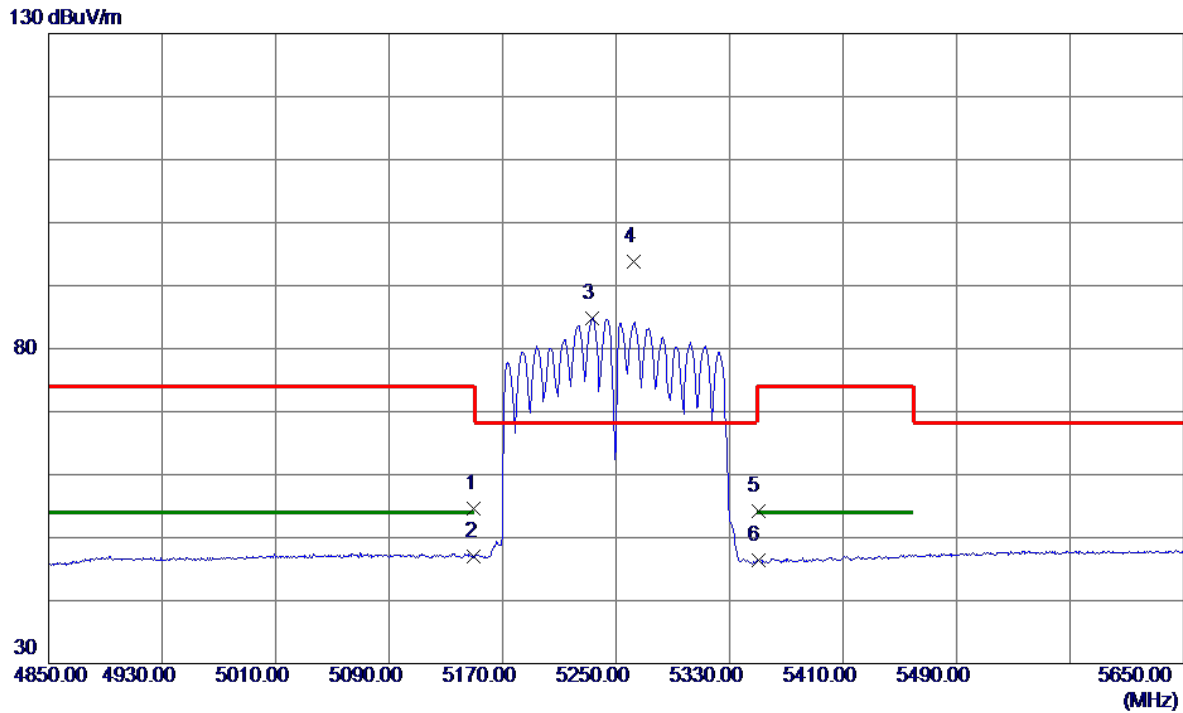
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10501.2000	43.47	15.77	59.24	68.20	-8.96	Peak	

**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	Horizontal
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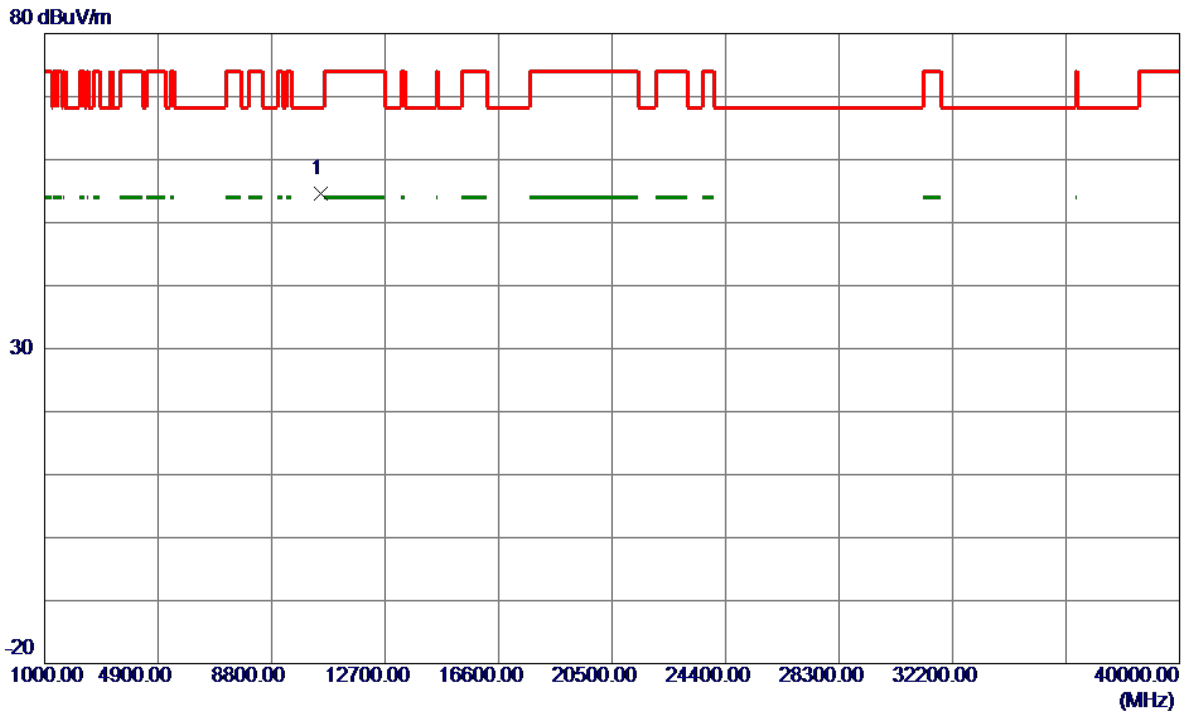


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	36.62	18.05	54.67	74.00	-19.33	Peak	
2	5150.0000	28.96	18.05	47.01	54.00	-6.99	AVG	
3	5233.2000	66.49	18.30	84.79	999.00	-914.21	AVG	No Limit
4 *	5262.8000	75.32	18.39	93.71	68.20	25.51	Peak	No Limit
5	5350.0000	35.53	18.66	54.19	74.00	-19.81	Peak	
6	5350.0000	27.65	18.66	46.31	54.00	-7.69	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	Horizontal
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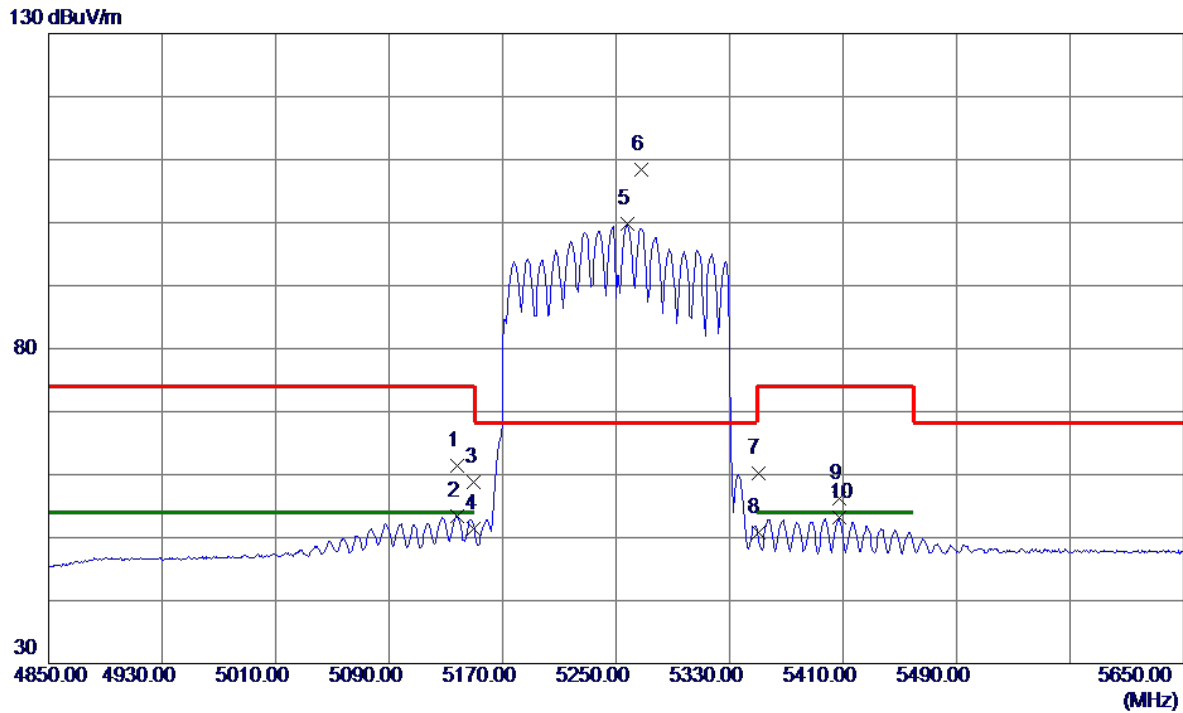


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10499.9950	38.77	15.77	54.54	68.20	-13.66	Peak	

**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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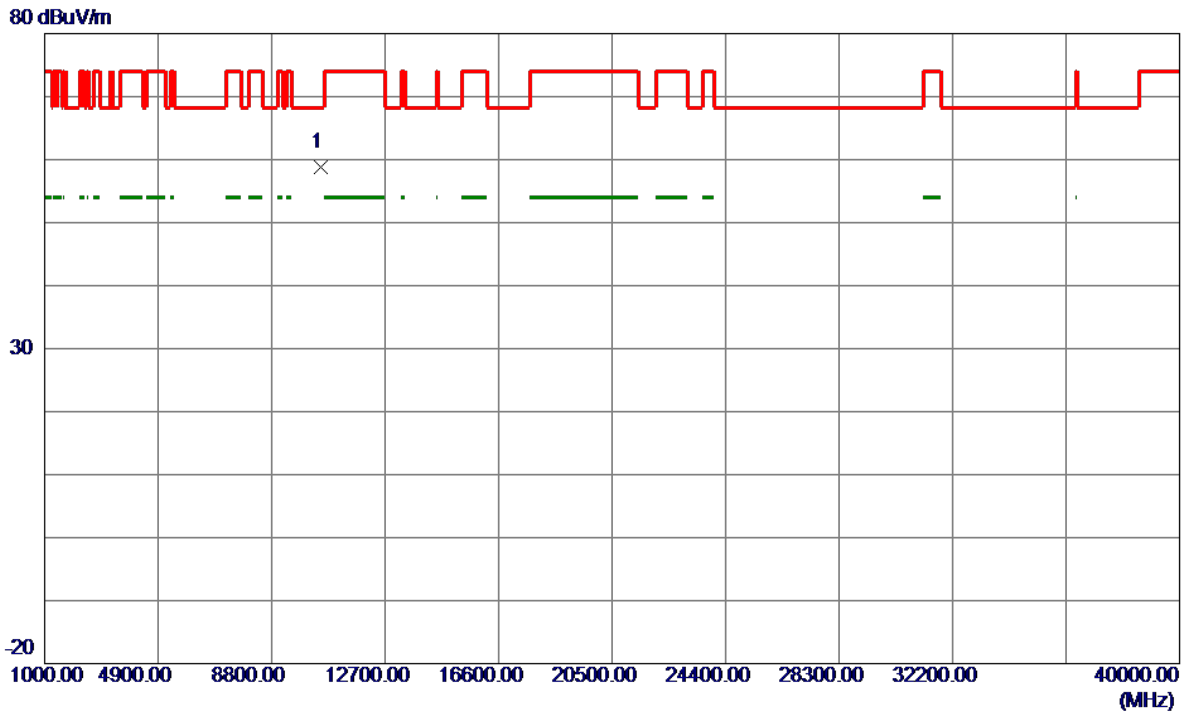


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5137.6000	43.45	18.01	61.46	74.00	-12.54	Peak	
2	5137.6000	35.44	18.01	53.45	54.00	-0.55	AVG	
3	5150.0000	40.76	18.05	58.81	74.00	-15.19	Peak	
4	5150.0000	33.34	18.05	51.39	54.00	-2.61	AVG	
5	5257.6000	81.40	18.38	99.78	999.00	-899.22	AVG	No Limit
6 *	5268.0000	89.97	18.41	108.38	68.20	40.18	Peak	No Limit
7	5350.0000	41.59	18.66	60.25	74.00	-13.75	Peak	
8	5350.0000	32.11	18.66	50.77	54.00	-3.23	AVG	
9	5407.2000	37.38	18.84	56.22	74.00	-17.78	Peak	
10	5407.2000	34.30	18.84	53.14	54.00	-0.86	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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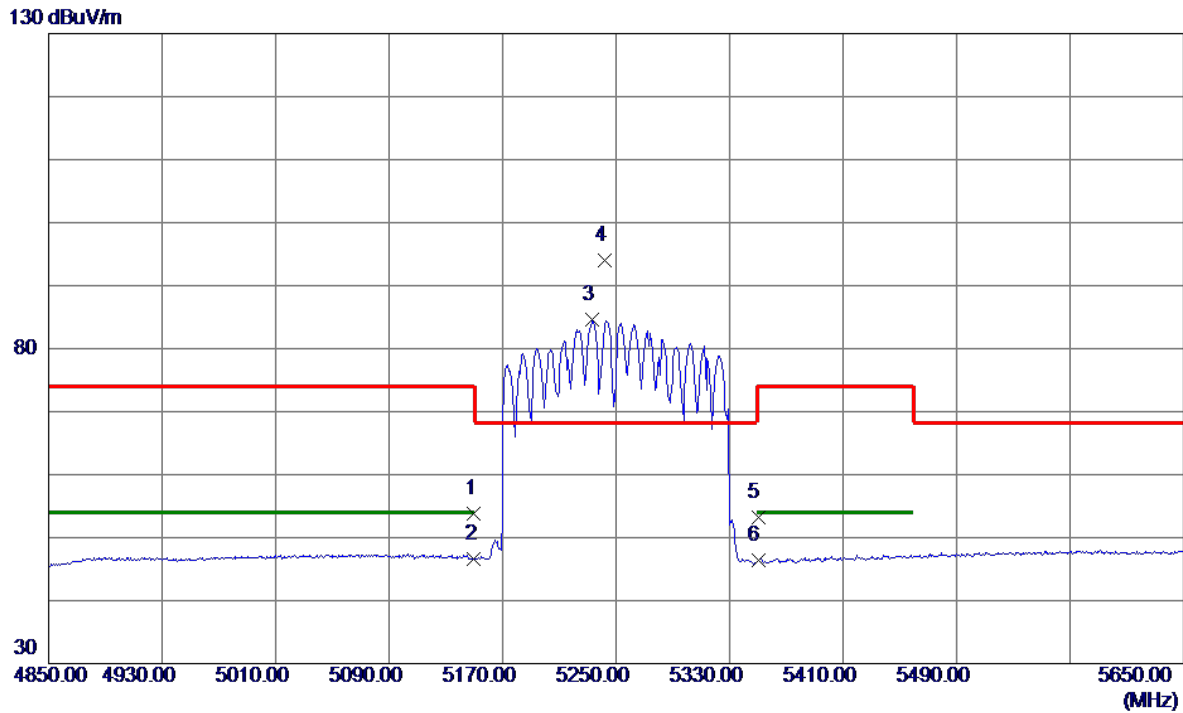


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10501.3900	43.08	15.77	58.85	68.20	-9.35	Peak	

**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	Horizontal
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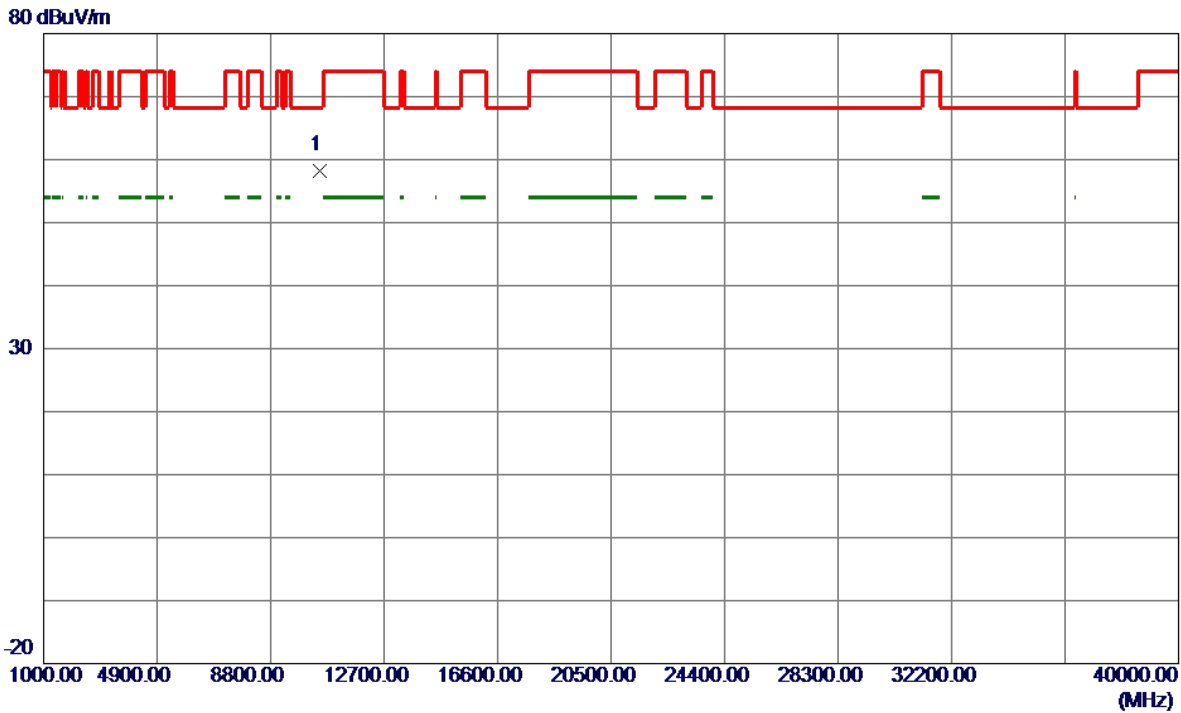


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	35.66	18.05	53.71	74.00	-20.29	Peak	
2	5150.0000	28.62	18.05	46.67	54.00	-7.33	AVG	
3	5233.2000	66.26	18.30	84.56	999.00	-914.44	AVG	No Limit
4 *	5242.4000	75.67	18.33	94.00	68.20	25.80	Peak	No Limit
5	5350.0000	34.50	18.66	53.16	74.00	-20.84	Peak	
6	5350.0000	27.75	18.66	46.41	54.00	-7.59	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	Horizontal
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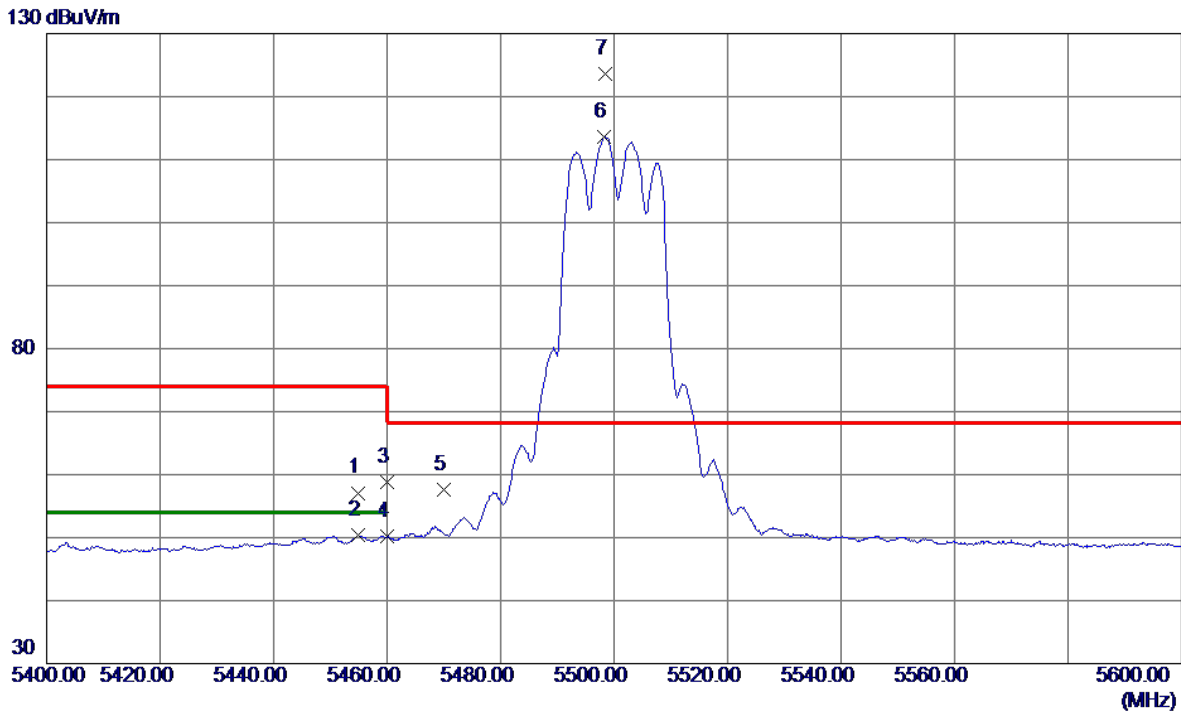


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10502.0100	42.53	15.77	58.30	68.20	-9.90	Peak	

**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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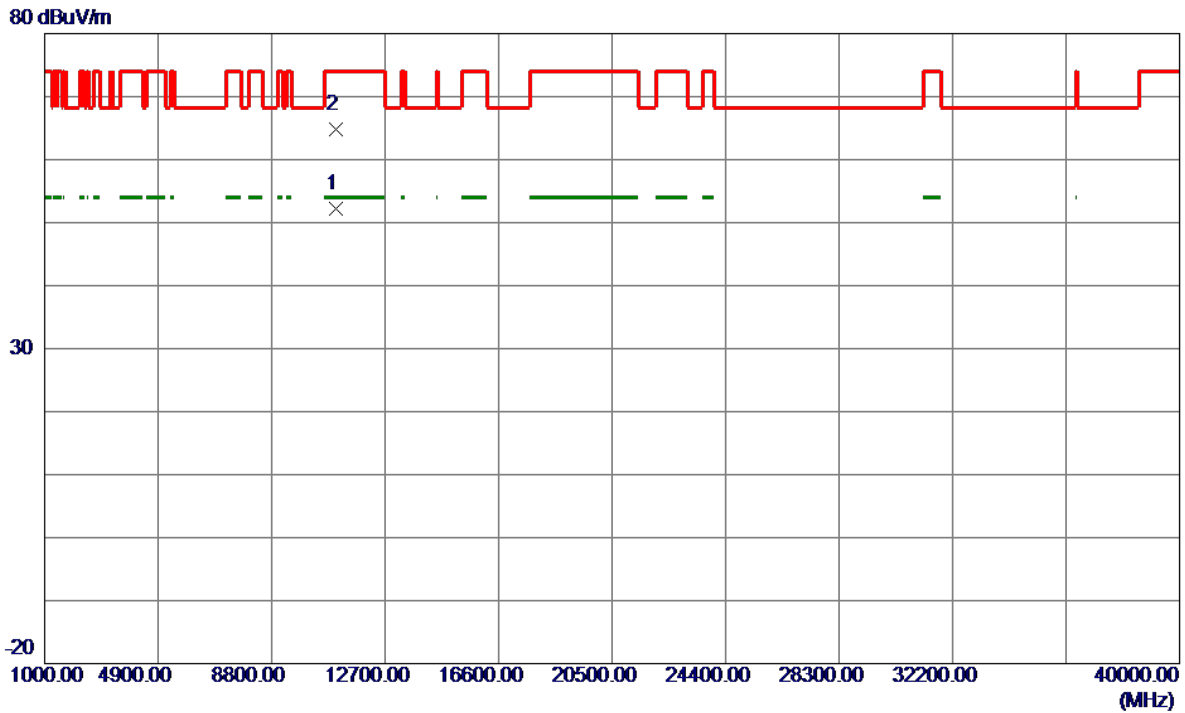


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5454.8000	38.12	18.98	57.10	74.00	-16.90	Peak	
2	5454.8000	31.37	18.98	50.35	54.00	-3.65	AVG	
3	5460.0000	39.75	19.00	58.75	74.00	-15.25	Peak	
4	5460.0000	31.15	19.00	50.15	54.00	-3.85	AVG	
5	5470.0000	38.57	19.03	57.60	68.20	-10.60	Peak	
6	5498.2000	94.45	19.12	113.57	999.00	-885.43	AVG	No Limit
7 *	5498.4000	104.44	19.12	123.56	68.20	55.36	Peak	No Limit

REMARKS:

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

Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical
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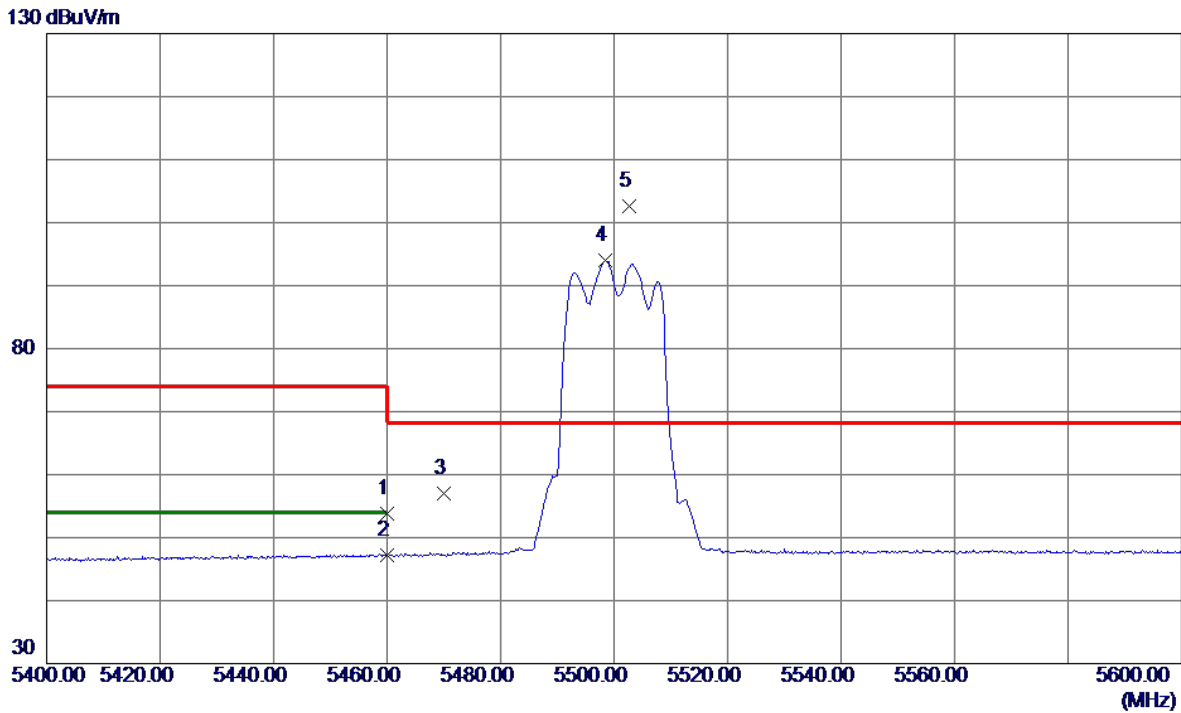
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10999.9029	36.21	16.08	52.29	54.00	-1.71	AVG	
2	11000.1010	48.77	16.08	64.85	74.00	-9.15	Peak	

**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	Horizontal
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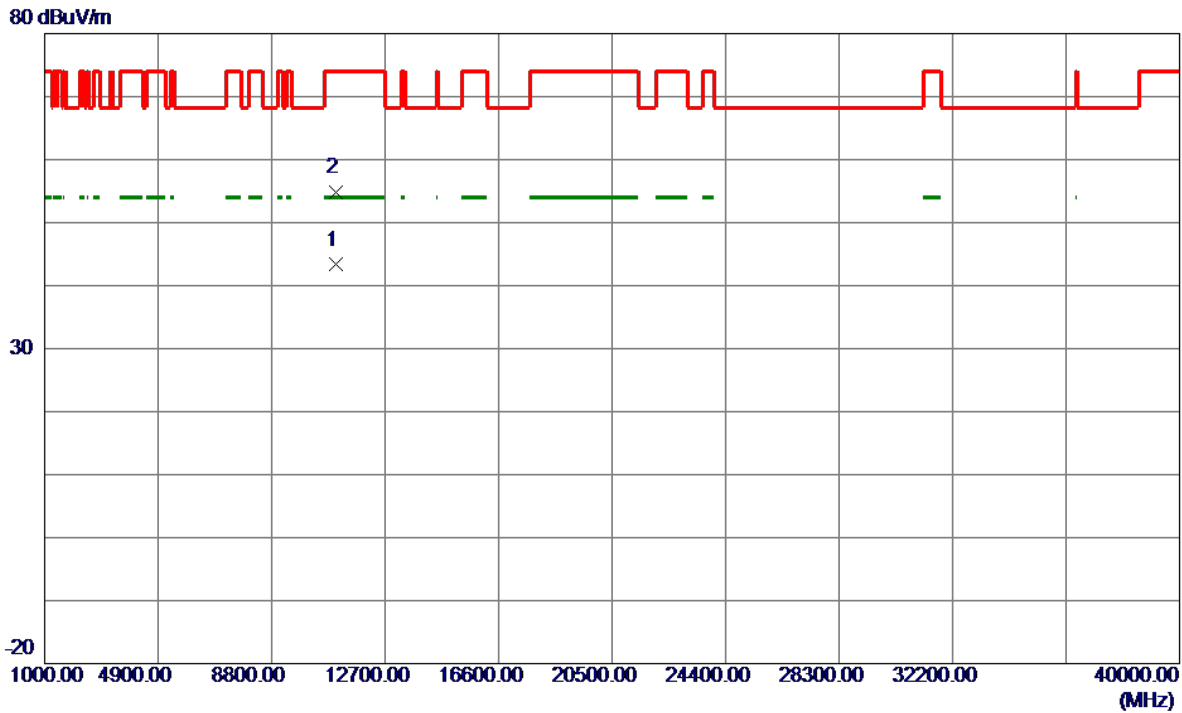


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	34.88	19.00	53.88	74.00	-20.12	Peak	
2	5460.0000	28.11	19.00	47.11	54.00	-6.89	AVG	
3	5470.0000	37.95	19.03	56.98	68.20	-11.22	Peak	
4	5498.4000	74.88	19.12	94.00	999.00	-905.00	AVG	No Limit
5 *	5502.7000	83.50	19.13	102.63	68.20	34.43	Peak	No Limit

**REMARKS:**

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

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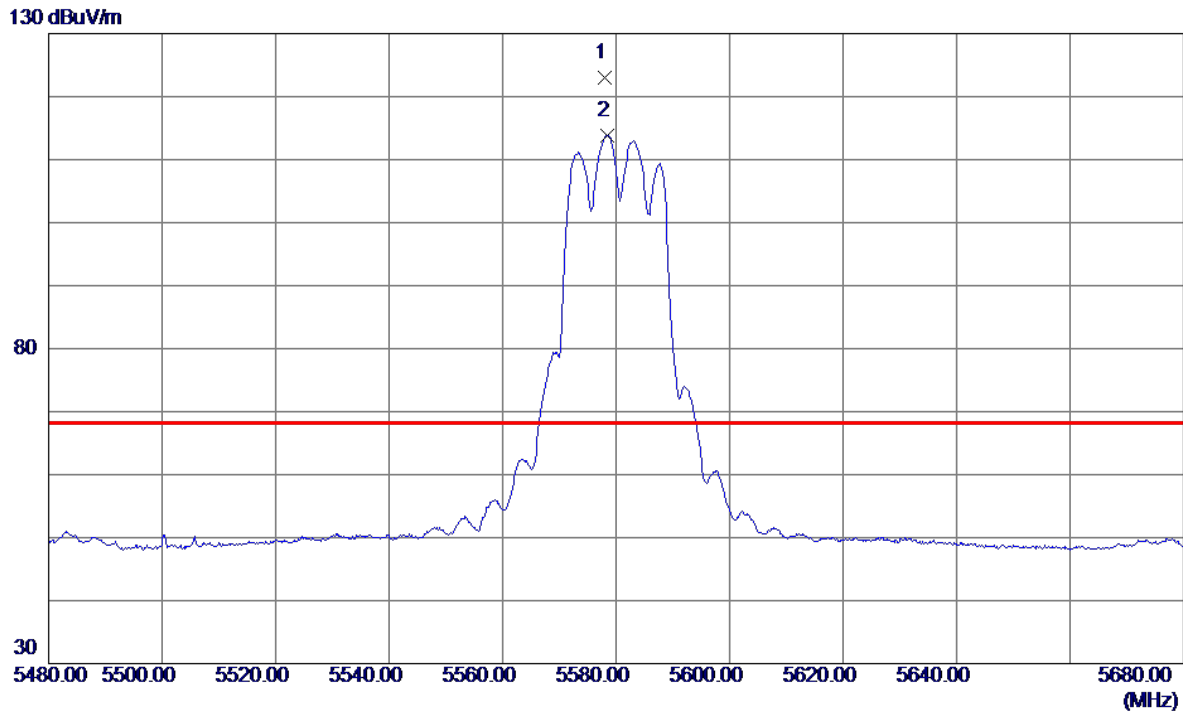


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10999.2740	27.22	16.08	43.30	54.00	-10.70	AVG	
2	11000.1280	38.75	16.08	54.83	74.00	-19.17	Peak	

**REMARKS:**

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

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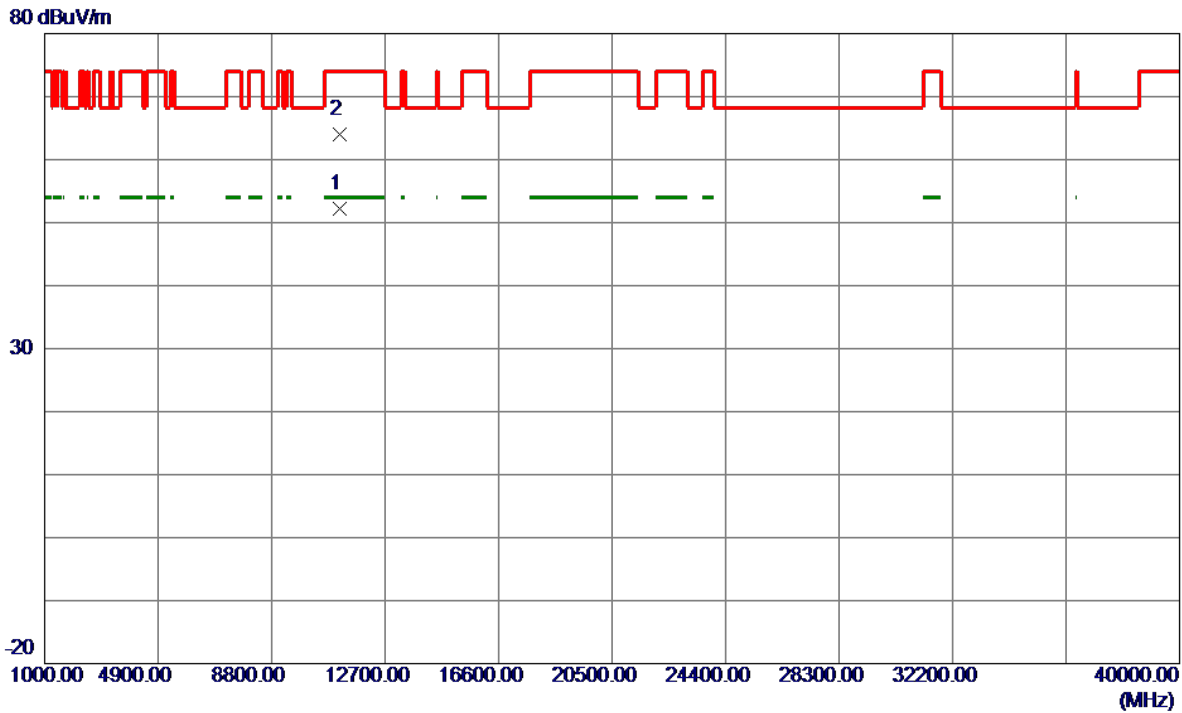


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5578.1000	103.70	19.34	123.04	68.20	54.84	Peak	No Limit
2	5578.4000	94.51	19.34	113.85	999.00	-885.15	AVG	No Limit

**REMARKS:**

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

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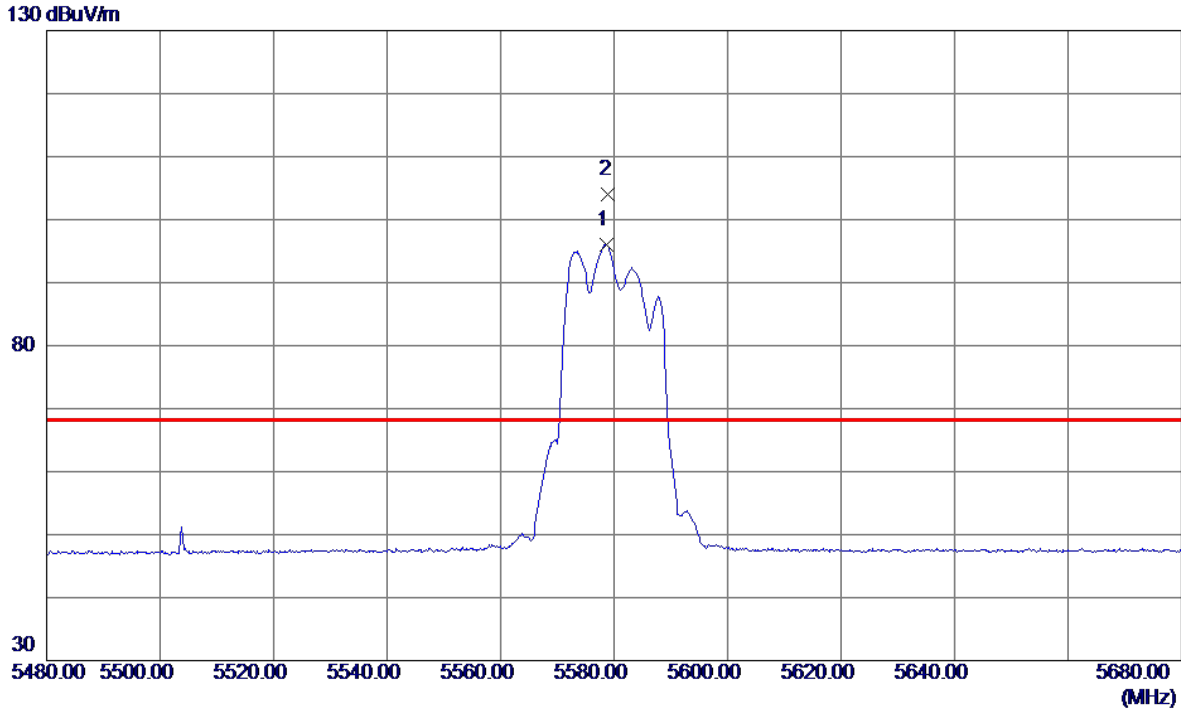


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11159.7110	35.91	16.27	52.18	54.00	-1.82	AVG	
2	11160.7939	47.80	16.27	64.07	74.00	-9.93	Peak	

**REMARKS:**

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

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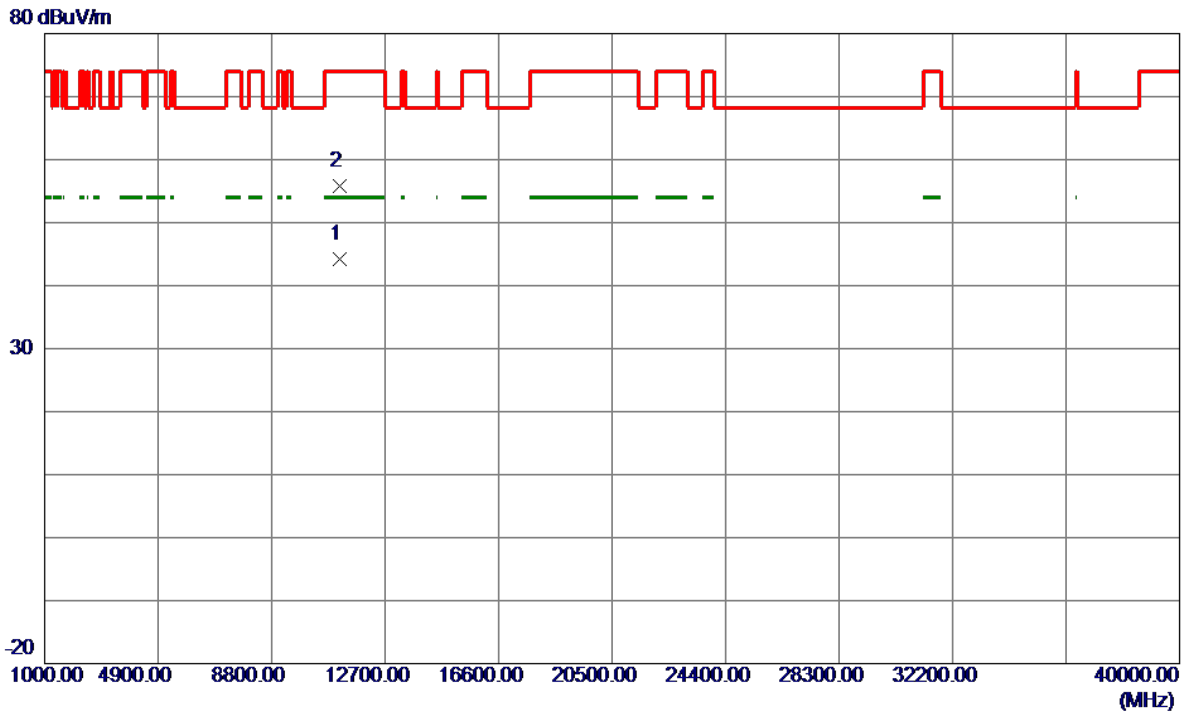


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5578.7000	76.69	19.34	96.03	999.00	-902.97	AVG	No Limit
2 *	5579.0000	84.72	19.34	104.06	68.20	35.86	Peak	No Limit

**REMARKS:**

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

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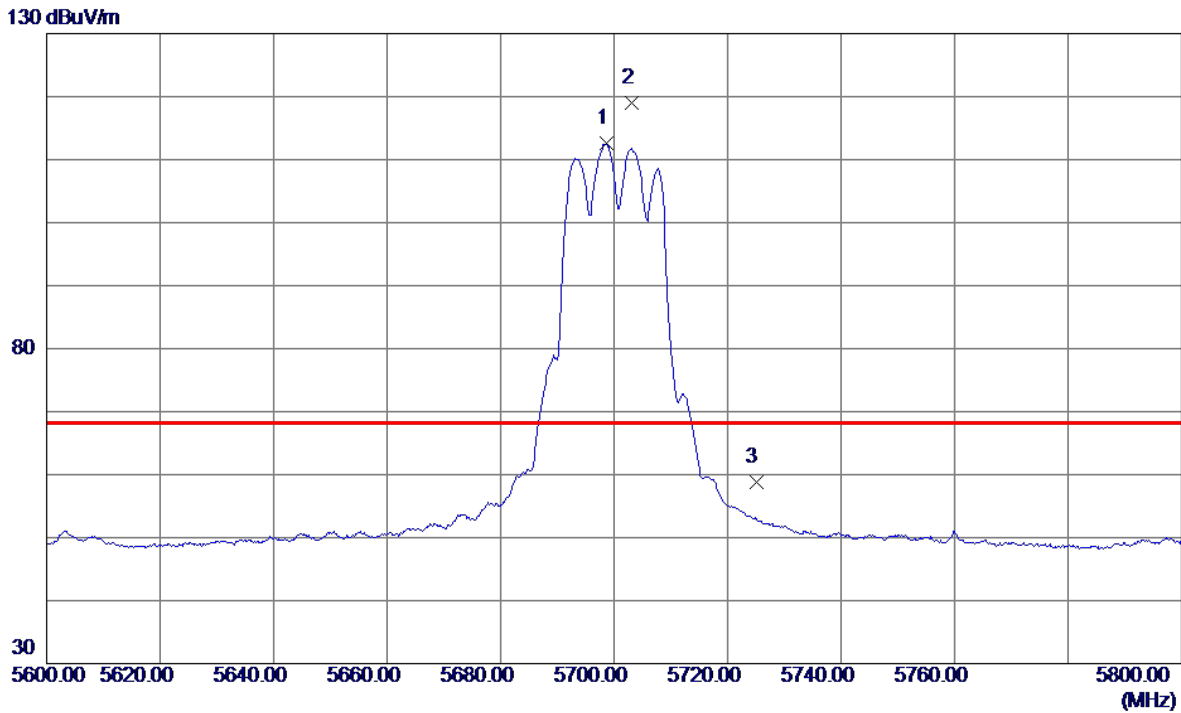


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11159.1140	27.95	16.26	44.21	54.00	-9.79	AVG	
2	11159.2230	39.51	16.26	55.77	74.00	-18.23	Peak	

**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	5698.6000	92.83	19.68	112.51	999.00	-886.49	AVG	No Limit
2 *	5703.1000	99.41	19.69	119.10	68.20	50.90	Peak	No Limit
3	5725.0000	39.12	19.75	58.87	68.20	-9.33	Peak	

**REMARKS:**

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