

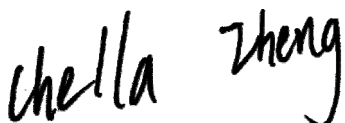
# FCC Radio Test Report

## FCC ID: 2AXJ4RE815XE

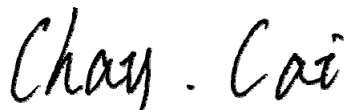
This report concerns: **Original Grant**

**Project No.** : 2205C155  
**Equipment** : AXE5400 Tri-Band Wi-Fi 6E Range Extender  
**Brand Name** : tp-link  
**Test Model** : RE815XE  
**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** : May 27, 2022  
**Date of Test** : May 31, 2022 ~ Aug. 24, 2022  
Sep. 20, 2022 ~ Sep. 22, 2022  
**Issued Date** : Sep. 22, 2022  
**Report Version** : R01  
**Test Sample** : Engineering Sample No.: DG20220530510 for contention based  
protocol, DG20220530511 for conducted, DG20220530509 for others.  
**Standard(s)** : FCC CFR Title 47, Part 15, Subpart E  
ANSI C63.10-2013  
FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01r01  
FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01  
FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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



Prepared by : Chella Zheng



Approved by : Chay Cai



TESTING CERT #5123.02

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**Limitation**

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

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

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**REPORT ISSUED HISTORY**

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-4-2205C155	R00	Original Report.	Sep. 08, 2022	Invalid
BTL-FCCP-4-2205C155	R01	Updated the description and data of contention based protocol.	Sep. 22, 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)	Bandwidth	APPENDIX E	PASS	-----
15.407(a)	Maximum e.i.r.p.	APPENDIX F	PASS	-----
15.407(a)	Maximum Power Spectral Density (e.i.r.p.)	APPENDIX G	PASS	-----
15.407(b)	In-Band Emission (Mask)	APPENDIX H	PASS	-----
15.407(d)	Contention Based Protocol	APPENDIX I	PASS	-----
15.407(g)	Frequency Stability	-----	PASS	NOTE (2)
15.203 15.407(a)	Antenna Requirements	-----	PASS	NOTE (3) NOTE (4)

**Note:**

- (1) "N/A" denotes test is not applicable in this test report.
- (2) The item is declared by the manufacturer.
- (3) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
- (4) The device employ a permanently attached integrated antenna.
- (5) Device Type:
  - Indoor access point
  - Subordinate device (operating under control of a low-power indoor access point)
  - Indoor client (operating under control of a low-power indoor access point)
  - Dual client (operating under control of either a low-power indoor access point or standard power access point)
  - Standard power access point
  - Standard client (operating under control of a Standard power access point)
  - Fixed client (operating under control of a Standard power access point)

## 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 e.i.r.p.	±0.95 dB
Maximum Power Spectral Density (e.i.r.p.)	±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	26°C	58%	AC 120V/60Hz	Jeter Wang
Radiated Emissions-9kHz to 30 MHz	25°C	55%	AC 120V/60Hz	Bob Cao
Radiated Emissions-30MHz to 1000MHz	25°C	55%	AC 120V/60Hz	Chen Mo
Radiated Emissions-Above 1000 MHz	24°C	50%	AC 120V/60Hz	Chen Mo
Bandwidth	21-23°C	50-59%	AC 120V/60Hz	Mark Wu
Maximum e.i.r.p.	23-24.6°C	62.4-69.5%	AC 120V/60Hz	Ansel Yang
Maximum Power Spectral Density (e.i.r.p.)	21-23°C	50-59%	AC 120V/60Hz	Mark Wu
In-Band Emission (Mask)	21-23°C	50-59%	AC 120V/60Hz	Mark Wu
Contention Based Protocol	22°C	55%	AC 120V/60Hz	Mark Wu

## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	AXE5400 Tri-Band Wi-Fi 6E Range Extender
Brand Name	tp-link
Test Model	RE815XE
Series Model	N/A
Model Difference(s)	N/A
Power Source	AC Mains.
Power Rating	100-240V~ 50/60Hz 0.5A
Operation Frequency Band(s)	UNII-5: 5925 MHz ~ 6425 MHz UNII-6: 6425 MHz ~ 6525 MHz UNII-7: 6525 MHz ~ 6875 MHz UNII-8: 6875 MHz ~ 7125 MHz
Modulation Type	IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11ax: up to 2402 Mbps
Maximum e.i.r.p. _UNII-5 Non Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 24.38 dBm (0.2742 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 26.91 dBm (0.4909 W)
Maximum e.i.r.p. _UNII-6 Non Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE80): 20.54 dBm (0.1132 W)  <b>NSS2:</b> IEEE 802.11ax(HE80): 23.67 dBm (0.2328 W)
Maximum e.i.r.p. _UNII-7 Non Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 24.37 dBm (0.2735 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 26.76 dBm (0.4742 W)
Maximum e.i.r.p. _UNII-6+UNII-7 Non Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 24.20 dBm (0.2630 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 26.80 dBm (0.4786 W)
Maximum e.i.r.p. _UNII-8 Non Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 23.95 dBm (0.2483 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 26.44 dBm (0.4406 W)
Maximum e.i.r.p. _UNII-7+UNII-8 Non Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 24.16 dBm (0.2606 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 26.84 dBm (0.4831 W)

Maximum e.i.r.p. _UNII-5 Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 26.86 dBm (0.4853 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 29.41 dBm (0.8730 W)
Maximum e.i.r.p. _UNII-6 Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE80): 23.02 dBm (0.2004 W)  <b>NSS2:</b> IEEE 802.11ax(HE80): 26.17 dBm (0.4140 W)
Maximum e.i.r.p. _UNII-7 Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 26.85 dBm (0.4842 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 29.25 dBm (0.8414 W)
Maximum e.i.r.p. _UNII-6+UNII-7 Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 26.74 dBm (0.4721 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 29.29 dBm (0.8492 W)
Maximum e.i.r.p. _UNII-8 Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 26.45 dBm (0.4416 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 28.94 dBm (0.7834 W)
Maximum e.i.r.p. _UNII-7+UNII-8 Beamforming	<b>NSS1:</b> IEEE 802.11ax(HE160): 26.66 dBm (0.4634 W)  <b>NSS2:</b> IEEE 802.11ax(HE160): 29.34 dBm (0.8590 W)

Note:

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

## 2. Channel List:

UNII-5					
IEEE 802.11ax(HE20)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	33	6115	65	6275
5	5975	37	6135	69	6295
9	5995	41	6155	73	6315
13	6015	45	6175	77	6335
17	6035	49	6195	81	6355
21	6055	53	6215	85	6375
25	6075	57	6235	89	6395
29	6095	61	6255	93	6415

UNII-5					
IEEE 802.11ax(HE40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	35	6125	67	6285
11	6005	43	6165	75	6325
19	6045	51	6205	83	6365
27	6085	59	6245	91	6405

UNII-5					
IEEE 802.11ax(HE80)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
7	5985	39	6145	71	6305
23	6065	55	6225	87	6385

UNII-5					
IEEE 802.11ax(HE160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	6025	47	6185	79	6345

UNII-6					
IEEE 802.11ax(HE20)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
97	6435	105	6475	113	6515
101	6455	109	6495		

UNII-6					
IEEE 802.11ax(HE40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
99	6445	107	6485	115	6525

UNII-6					
IEEE 802.11ax(HE80)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
103	6465				

UNII-6					
IEEE 802.11ax(HE160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
111	6505				

UNII-7					
IEEE 802.11ax(HE20)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
117	6535	141	6655	165	6775
121	6555	145	6675	169	6795
125	6575	149	6695	173	6815
129	6595	153	6715	177	6835
133	6615	157	6735	181	6855
137	6635	161	6755	185	6875

UNII-7					
IEEE 802.11ax(HE40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
123	6565	147	6685	171	6805
131	6605	155	6725	179	6845
139	6645	163	6765		

UNII-7					
IEEE 802.11ax(HE80)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
119	6545	151	6705	183	6865
135	6625	167	6785		

UNII-7					
IEEE 802.11ax(HE160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
143	6665	175	6825		

UNII-8					
IEEE 802.11ax(HE20)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
189	6895	205	6975	221	7055
193	6915	209	6995	225	7075
197	6935	213	7015	229	7095
201	6955	217	7035		

UNII-8					
IEEE 802.11ax(HE40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
187	6885	203	6965	219	7045
195	6925	211	7005	227	7085

UNII-8					
IEEE 802.11ax(HE80)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
199	6945	215	7025		

UNII-8					
IEEE 802.11ax(HE160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
207	6985				

### 3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	tp-link	N/A	Dipole	N/A	3.00
2	tp-link	N/A	Dipole	N/A	3.00

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=3.00.  
 For power spectral density measurements,  $N_{ANT}=2$ ,  $N_{SS} = 1$  and  $N_{SS} = 2$ .  
 So the NSS1 Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})$  dBi=3.00+10log(2/1)dBi=6.01, the NSS2 Directional gain=  $G_{ANT} + 10\log(N_{ANT}/N_{SS})$  dBi=3.00+10log(2/2)dBi=3.00.
- 2) Beamforming Gain: 3dB. Then the Directional gain=3+3=6.
- 3) The antenna gain and beamforming gain are provided by the manufacturer.

### 4. Table for Antenna Configuration:

Operating Mode	2TX
TX Mode	
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 AX(HE20) Mode Channel 01/45/93 (UNII-5)
Mode 2	TX AX(HE40) Mode Channel 03/43/91 (UNII-5)
Mode 3	TX AX(HE80) Mode Channel 07/39/87 (UNII-5)
Mode 4	TX AC(HE160) Mode Channel 15/47/79 (UNII-5)
Mode 5	TX AX(HE20) Mode Channel 97/105/113 (UNII-6)
Mode 6	TX AX(HE40) Mode Channel 99/107 (UNII-6)
Mode 7	TX AX(HE80) Mode Channel 103 (UNII-6)
Mode 8	TX AX(HE20) Mode Channel 117/149/181 (UNII-7)
Mode 9	TX AX(HE40) Mode Channel 123/147/179 (UNII-7)
Mode 10	TX AX(HE80) Mode Channel 135/151/167 (UNII-7)
Mode 11	TX AX(HE160) Mode Channel 143 (UNII-7)
Mode 12	TX AX(HE40) Mode Channel 115 (UNII-6+UNII-7)
Mode 13	TX AX(HE80) Mode Channel 119 (UNII-6+UNII-7)
Mode 14	TX AX(HE160) Mode Channel 111 (UNII-6+UNII-7)
Mode 15	TX AX(HE20) Mode Channel 189/213 (UNII-8)
Mode 16	TX AX(HE40) Mode Channel 195/211/227 (UNII-8)
Mode 17	TX AX(HE80) Mode Channel 199/215 (UNII-8)
Mode 18	TX AX(HE160) Mode Channel 207 (UNII-8)
Mode 19	TX AX(HE20) Mode Channel 185 (UNII-7+UNII-8)
Mode 20	TX AX(HE40) Mode Channel 187 (UNII-7+UNII-8)
Mode 21	TX AX(HE80) Mode Channel 183 (UNII-7+UNII-8)
Mode 22	TX AX(HE160) Mode Channel 175 (UNII-7+UNII-8)
Mode 23	TX AX(HE160) Mode Channel 47 (UNII-5)

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 23	TX AX(HE160) Mode Channel 47 (UNII-5)

<b>Radiated Emissions Test - Below 1GHz</b>	
Final Test Mode	Description
Mode 23	TX AX(HE160) Mode Channel 47 (UNII-5)



Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 1	TX AX(HE20) Mode Channel 01/45/93 (UNII-5)
Mode 2	TX AX(HE40) Mode Channel 03/43/91 (UNII-5)
Mode 3	TX AX(HE80) Mode Channel 07/39/87 (UNII-5)
Mode 4	TX AC(HE160) Mode Channel 15/47/79 (UNII-5)
Mode 5	TX AX(HE20) Mode Channel 97/105/113 (UNII-6)
Mode 6	TX AX(HE40) Mode Channel 99/107 (UNII-6)
Mode 7	TX AX(HE80) Mode Channel 103 (UNII-6)
Mode 8	TX AX(HE20) Mode Channel 117/149/181 (UNII-7)
Mode 9	TX AX(HE40) Mode Channel 123/147/179 (UNII-7)
Mode 10	TX AX(HE80) Mode Channel 135/151/167 (UNII-7)
Mode 11	TX AX(HE160) Mode Channel 143 (UNII-7)
Mode 12	TX AX(HE40) Mode Channel 115 (UNII-6+UNII-7)
Mode 13	TX AX(HE80) Mode Channel 119 (UNII-6+UNII-7)
Mode 14	TX AX(HE160) Mode Channel 111 (UNII-6+UNII-7)
Mode 15	TX AX(HE20) Mode Channel 189/213 (UNII-8)
Mode 16	TX AX(HE40) Mode Channel 195/211/227 (UNII-8)
Mode 17	TX AX(HE80) Mode Channel 199/215 (UNII-8)
Mode 18	TX AX(HE160) Mode Channel 207 (UNII-8)
Mode 19	TX AX(HE20) Mode Channel 185 (UNII-7+UNII-8)
Mode 20	TX AX(HE40) Mode Channel 187 (UNII-7+UNII-8)
Mode 21	TX AX(HE80) Mode Channel 183 (UNII-7+UNII-8)
Mode 22	TX AX(HE160) Mode Channel 175 (UNII-7+UNII-8)

Conducted Test	
Final Test Mode	Description
Mode 1	TX AX(HE20) Mode Channel 01/45/93 (UNII-5)
Mode 2	TX AX(HE40) Mode Channel 03/43/91 (UNII-5)
Mode 3	TX AX(HE80) Mode Channel 07/39/87 (UNII-5)
Mode 4	TX AC(HE160) Mode Channel 15/47/79 (UNII-5)
Mode 5	TX AX(HE20) Mode Channel 97/105/113 (UNII-6)
Mode 6	TX AX(HE40) Mode Channel 99/107 (UNII-6)
Mode 7	TX AX(HE80) Mode Channel 103 (UNII-6)
Mode 8	TX AX(HE20) Mode Channel 117/149/181 (UNII-7)
Mode 9	TX AX(HE40) Mode Channel 123/147/179 (UNII-7)
Mode 10	TX AX(HE80) Mode Channel 135/151/167 (UNII-7)
Mode 11	TX AX(HE160) Mode Channel 143 (UNII-7)
Mode 12	TX AX(HE40) Mode Channel 115 (UNII-6+UNII-7)
Mode 13	TX AX(HE80) Mode Channel 119 (UNII-6+UNII-7)
Mode 14	TX AX(HE160) Mode Channel 111 (UNII-6+UNII-7)
Mode 15	TX AX(HE20) Mode Channel 189/213 (UNII-8)
Mode 16	TX AX(HE40) Mode Channel 195/211/227 (UNII-8)
Mode 17	TX AX(HE80) Mode Channel 199/215 (UNII-8)
Mode 18	TX AX(HE160) Mode Channel 207 (UNII-8)
Mode 19	TX AX(HE20) Mode Channel 185 (UNII-7+UNII-8)
Mode 20	TX AX(HE40) Mode Channel 187 (UNII-7+UNII-8)
Mode 21	TX AX(HE80) Mode Channel 183 (UNII-7+UNII-8)
Mode 22	TX AX(HE160) Mode Channel 175 (UNII-7+UNII-8)

Note:

- (1) For AC power line conducted emissions and radiated emission below 1 GHz test, the IEEE 802.11ax(HE160) channel 47 is found to be the worst case and recorded.
- (2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (3) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (4) The measurements for e.i.r.p. 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.
- (5) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.

### 2.3 PARAMETERS OF TEST SOFTWARE

#### Non Beamforming NSS1

UNII-5			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	5955	6175	6415
IEEE 802.11ax(HE20)	50	48	50
Frequency (MHz)	5965	6165	6405
IEEE 802.11ax(HE40)	45	42	45
Frequency (MHz)	5985	6145	6385
IEEE 802.11ax(HE80)	39	37	39
Frequency (MHz)	6025	6185	6345
IEEE 802.11ax(HE160)	29	31	31

UNII-6			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6435	6475	6515
IEEE 802.11ax(HE20)	50	51	51
Frequency (MHz)	6445	6485	
IEEE 802.11ax(HE40)	46	46	
Frequency (MHz)	6465		
IEEE 802.11ax(HE80)	39		

UNII-7			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6535	6695	6855
IEEE 802.11ax(HE20)	51	53	53
Frequency (MHz)	6565	6685	6845
IEEE 802.11ax(HE40)	45	46	46
Frequency (MHz)	6625	6705	6785
IEEE 802.11ax(HE80)	40	40	40
Frequency (MHz)	6665		
IEEE 802.11ax(HE160)	32		

UNII-8			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6895	7015	
IEEE 802.11ax(HE20)	53	51	
Frequency (MHz)	6925	7005	7085
IEEE 802.11ax(HE40)	46	45	43
Frequency (MHz)	6945	7025	
IEEE 802.11ax(HE80)	39	38	
Frequency (MHz)	6985		
IEEE 802.11ax(HE160)	31		

UNII-6+UNII-7	
Test Software Version	accessMTool_REL_3_2_1_2
Frequency (MHz)	6525
IEEE 802.11ax(HE40)	46
Frequency (MHz)	6545
IEEE 802.11ax(HE80)	39
Frequency (MHz)	6505
IEEE 802.11ax(HE160)	32

UNII-7+UNII-8	
Test Software Version	accessMTool_REL_3_2_1_2
Frequency (MHz)	6875
IEEE 802.11ax(HE20)	53
Frequency (MHz)	6885
IEEE 802.11ax(HE40)	46
Frequency (MHz)	6865
IEEE 802.11ax(HE80)	39
Frequency (MHz)	6825
IEEE 802.11ax(HE160)	32

**NSS2**

UNII-5			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	5955	6175	6415
IEEE 802.11ax(HE20)	43	43	45
Frequency (MHz)	5965	6165	6405
IEEE 802.11ax(HE40)	39	37	39
Frequency (MHz)	5985	6145	6385
IEEE 802.11ax(HE80)	34	30	33
Frequency (MHz)	6025	6185	6345
IEEE 802.11ax(HE160)	23	25	26

**UNII-6**

UNII-6			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6435	6475	6515
IEEE 802.11ax(HE20)	45	45	45
Frequency (MHz)	6445	6485	
IEEE 802.11ax(HE40)	40	40	
Frequency (MHz)	6465		
IEEE 802.11ax(HE80)	33		

**UNII-7**

UNII-7			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6535	6695	6855
IEEE 802.11ax(HE20)	45	46	46
Frequency (MHz)	6565	6685	6845
IEEE 802.11ax(HE40)	40	40	40
Frequency (MHz)	6625	6705	6785
IEEE 802.11ax(HE80)	33	33	33
Frequency (MHz)	6665		
IEEE 802.11ax(HE160)	26		

UNII-8			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6895	7015	
IEEE 802.11ax(HE20)	47	46	
Frequency (MHz)	6925	7005	7085
IEEE 802.11ax(HE40)	39	39	37
Frequency (MHz)	6945	7025	
IEEE 802.11ax(HE80)	32	31	
Frequency (MHz)	6985		
IEEE 802.11ax(HE160)	24		

UNII-6+UNII-7	
Test Software Version	accessMTool_REL_3_2_1_2
Frequency (MHz)	6525
IEEE 802.11ax(HE40)	40
Frequency (MHz)	6545
IEEE 802.11ax(HE80)	33
Frequency (MHz)	6505
IEEE 802.11ax(HE160)	26

UNII-7+UNII-8	
Test Software Version	accessMTool_REL_3_2_1_2
Frequency (MHz)	6875
IEEE 802.11ax(HE20)	46
Frequency (MHz)	6885
IEEE 802.11ax(HE40)	39
Frequency (MHz)	6865
IEEE 802.11ax(HE80)	33
Frequency (MHz)	6825
IEEE 802.11ax(HE160)	25

**Beamforming  
NSS1**

UNII-5			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	5955	6175	6415
IEEE 802.11ax(HE20)	51	49	51
Frequency (MHz)	5965	6165	6405
IEEE 802.11ax(HE40)	46	43	46
Frequency (MHz)	5985	6145	6385
IEEE 802.11ax(HE80)	40	38	40
Frequency (MHz)	6025	6185	6345
IEEE 802.11ax(HE160)	30	32	32

UNII-6			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6435	6475	6515
IEEE 802.11ax(HE20)	51	52	52
Frequency (MHz)	6445	6485	
IEEE 802.11ax(HE40)	47	47	
Frequency (MHz)	6465		
IEEE 802.11ax(HE80)	40		

UNII-7			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6535	6695	6855
IEEE 802.11ax(HE20)	52	54	54
Frequency (MHz)	6565	6685	6845
IEEE 802.11ax(HE40)	46	47	47
Frequency (MHz)	6625	6705	6785
IEEE 802.11ax(HE80)	41	41	41
Frequency (MHz)	6665		
IEEE 802.11ax(HE160)	33		

UNII-8			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6895	7015	
IEEE 802.11ax(HE20)	54	52	
Frequency (MHz)	6925	7005	7085
IEEE 802.11ax(HE40)	47	46	44
Frequency (MHz)	6945	7025	
IEEE 802.11ax(HE80)	40	39	
Frequency (MHz)	6985		
IEEE 802.11ax(HE160)	32		

UNII-6+UNII-7	
Test Software Version	accessMTool_REL_3_2_1_2
Frequency (MHz)	6525
IEEE 802.11ax(HE40)	47
Frequency (MHz)	6545
IEEE 802.11ax(HE80)	40
Frequency (MHz)	6505
IEEE 802.11ax(HE160)	33

UNII-7+UNII-8	
Test Software Version	accessMTool_REL_3_2_1_2
Frequency (MHz)	6875
IEEE 802.11ax(HE20)	54
Frequency (MHz)	6885
IEEE 802.11ax(HE40)	47
Frequency (MHz)	6865
IEEE 802.11ax(HE80)	40
Frequency (MHz)	6825
IEEE 802.11ax(HE160)	33



**NSS2**

UNII-5			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	5955	6175	6415
IEEE 802.11ax(HE20)	44	44	46
Frequency (MHz)	5965	6165	6405
IEEE 802.11ax(HE40)	40	38	40
Frequency (MHz)	5985	6145	6385
IEEE 802.11ax(HE80)	35	31	34
Frequency (MHz)	6025	6185	6345
IEEE 802.11ax(HE160)	24	26	27

**UNII-6**

UNII-6			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6435	6475	6515
IEEE 802.11ax(HE20)	46	46	46
Frequency (MHz)	6445	6485	
IEEE 802.11ax(HE40)	41	41	
Frequency (MHz)	6465		
IEEE 802.11ax(HE80)	34		

**UNII-7**

UNII-7			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6535	6695	6855
IEEE 802.11ax(HE20)	46	47	47
Frequency (MHz)	6565	6685	6845
IEEE 802.11ax(HE40)	41	41	41
Frequency (MHz)	6625	6705	6785
IEEE 802.11ax(HE80)	34	34	34
Frequency (MHz)	6665		
IEEE 802.11ax(HE160)	27		

UNII-8			
Test Software Version	accessMTool_REL_3_2_1_2		
Frequency (MHz)	6895	7015	
IEEE 802.11ax(HE20)	48	47	
Frequency (MHz)	6925	7005	7085
IEEE 802.11ax(HE40)	40	40	38
Frequency (MHz)	6945	7025	
IEEE 802.11ax(HE80)	33	32	
Frequency (MHz)	6985		
IEEE 802.11ax(HE160)	25		

UNII-6+UNII-7	
Test Software Version	accessMTool_REL_3_2_1_2
Frequency (MHz)	6525
IEEE 802.11ax(HE40)	41
Frequency (MHz)	6545
IEEE 802.11ax(HE80)	34
Frequency (MHz)	6505
IEEE 802.11ax(HE160)	27

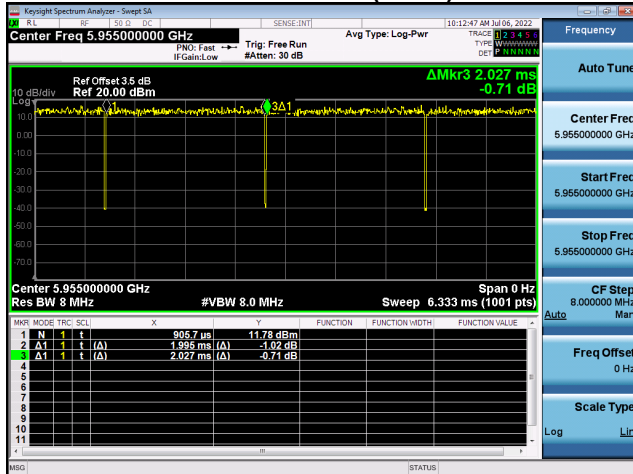
UNII-7+UNII-8	
Test Software Version	accessMTool_REL_3_2_1_2
Frequency (MHz)	6875
IEEE 802.11ax(HE20)	47
Frequency (MHz)	6885
IEEE 802.11ax(HE40)	40
Frequency (MHz)	6865
IEEE 802.11ax(HE80)	34
Frequency (MHz)	6825
IEEE 802.11ax(HE160)	26

## 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.

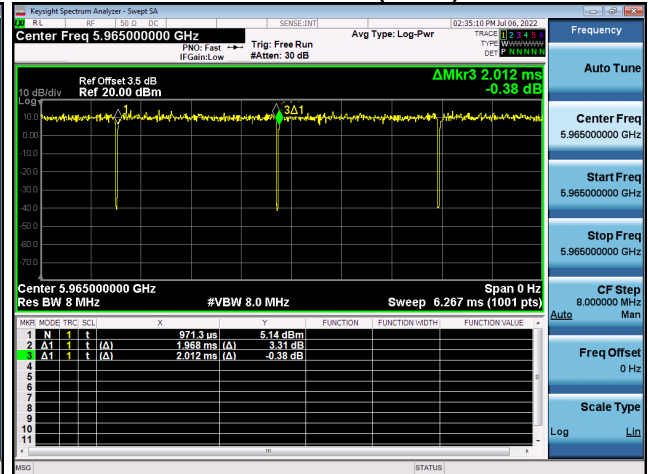
### NSS1

IEEE 802.11ax(HE20)



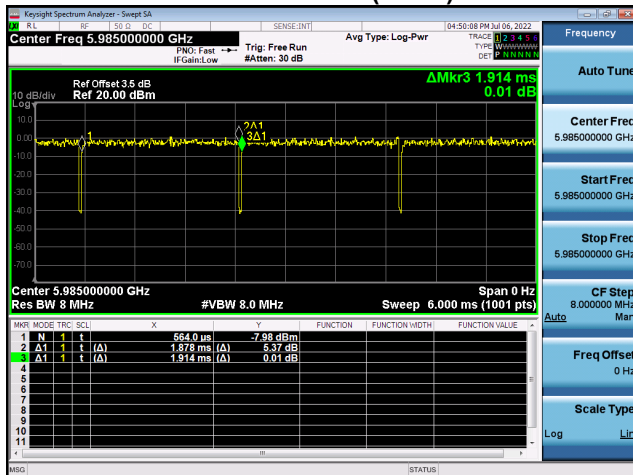
Duty cycle = 2.00 ms / 2.03 ms = 98.42%  
 Duty Factor =  $10 \log(1 / \text{Duty cycle}) = 0.00$

IEEE 802.11ax(HE40)



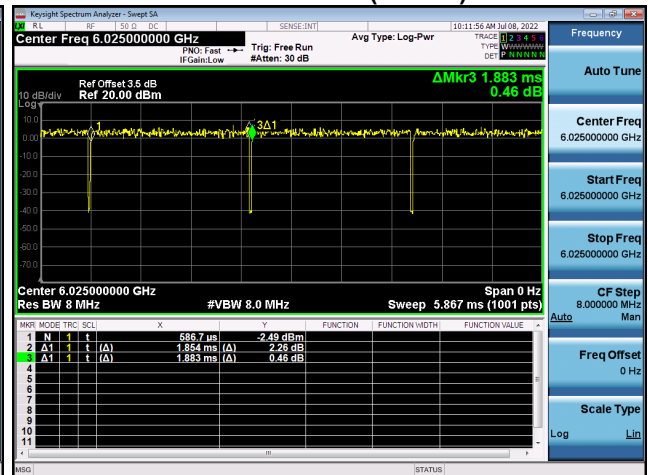
Duty cycle = 1.97 ms / 2.01 ms = 97.81%  
 Duty Factor =  $10 \log(1 / \text{Duty cycle}) = 0.10$

IEEE 802.11ax(HE80)



Duty cycle = 1.88 ms / 1.91 ms = 98.12%  
 Duty Factor =  $10 \log(1 / \text{Duty cycle}) = 0.00$

IEEE 802.11ax(HE160)



Duty cycle = 1.85 ms / 1.88 ms = 98.46%  
 Duty Factor =  $10 \log(1 / \text{Duty cycle}) = 0.00$

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 500 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 508 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 532 Hz (Duty cycle < 98%).

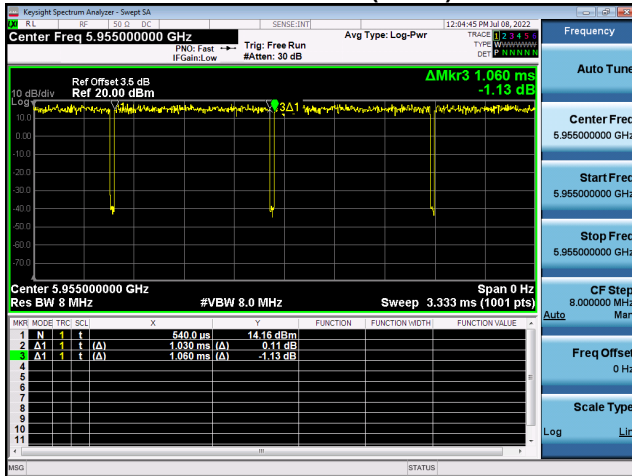
For IEEE 802.11ax(HE160):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 541 Hz (Duty cycle < 98%).

(Remark: The video bandwidth of the spectrum analyzer was set to 1kHz during the test.)

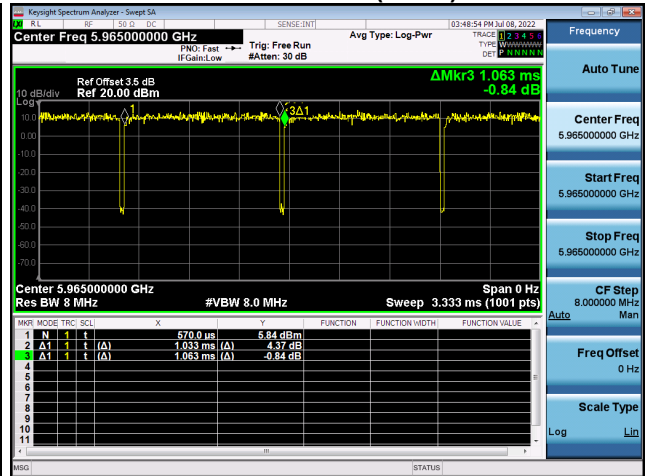
## NSS2

### IEEE 802.11ax(HE20)



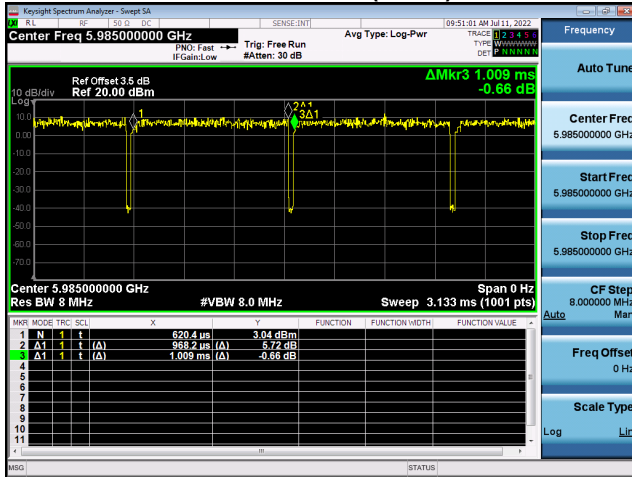
Duty cycle = 1.03 ms / 1.06 ms = 97.17%  
 Duty Factor = 10 log(1 / Duty cycle) = 0.12

### IEEE 802.11ax(HE40)



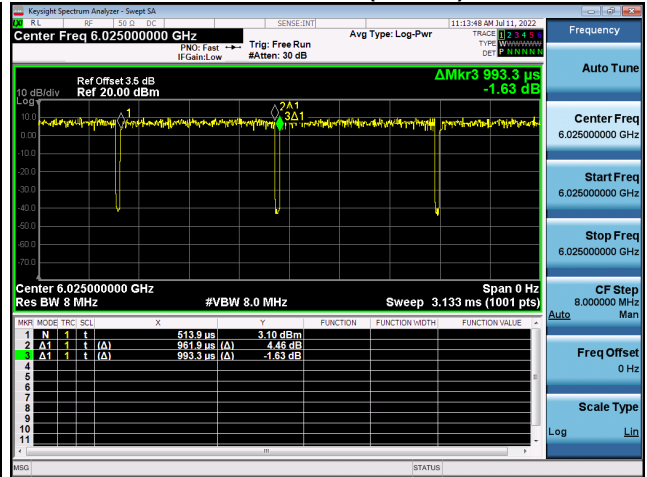
Duty cycle = 1.03 ms / 1.06 ms = 97.17%  
 Duty Factor = 10 log(1 / Duty cycle) = 0.12

### IEEE 802.11ax(HE80)



Duty cycle = 0.97 ms / 1.01 ms = 95.96%  
 Duty Factor = 10 log(1 / Duty cycle) = 0.18

### IEEE 802.11ax(HE160)



Duty cycle = 0.96 ms / 0.99 ms = 96.84%  
 Duty Factor = 10 log(1 / Duty cycle) = 0.14

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 971 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 971 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE80):

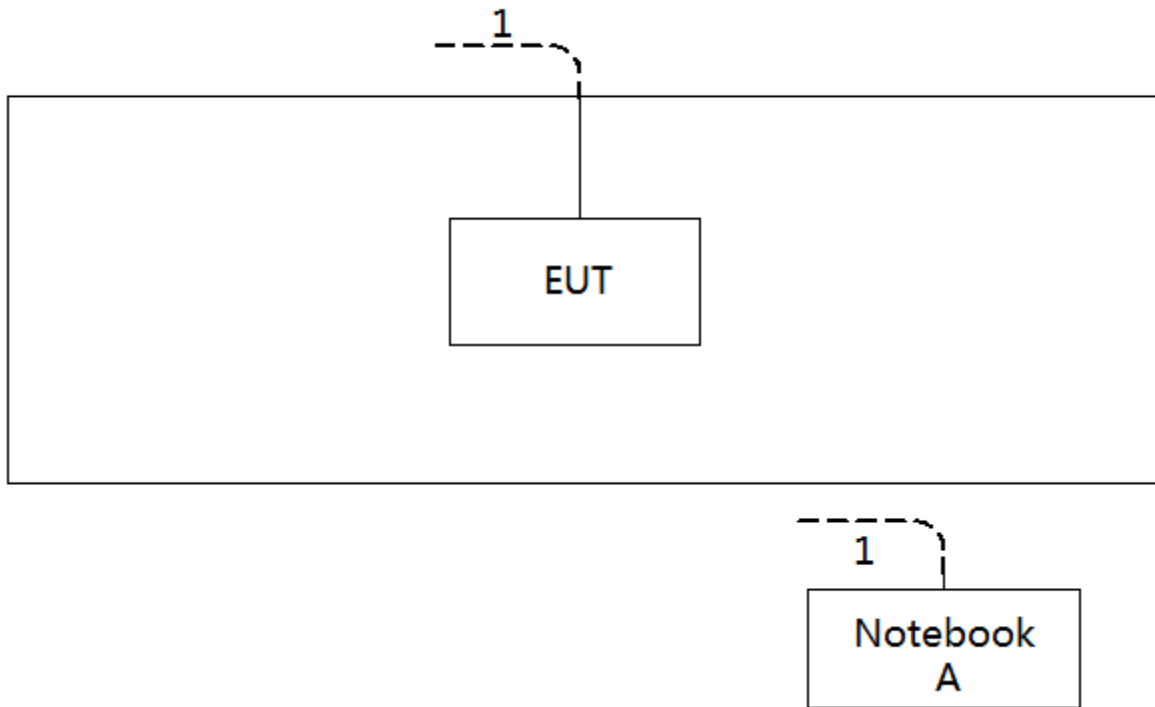
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1031 Hz (Duty cycle < 98%).

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 1042 Hz (Duty cycle < 98%).

(Remark: The video bandwidth of the spectrum analyzer was set to 1kHz during the test.)

## 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	RJ45 Cable	NO	NO	10m

### 3. AC POWER LINE CONDUCTED EMISSIONS

#### 3.1 LIMIT

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

**NOTE:**

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:  
 Measurement Value = Reading Level + Correct Factor  
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)  
 Margin Level = Measurement Value - Limit Value

#### 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:

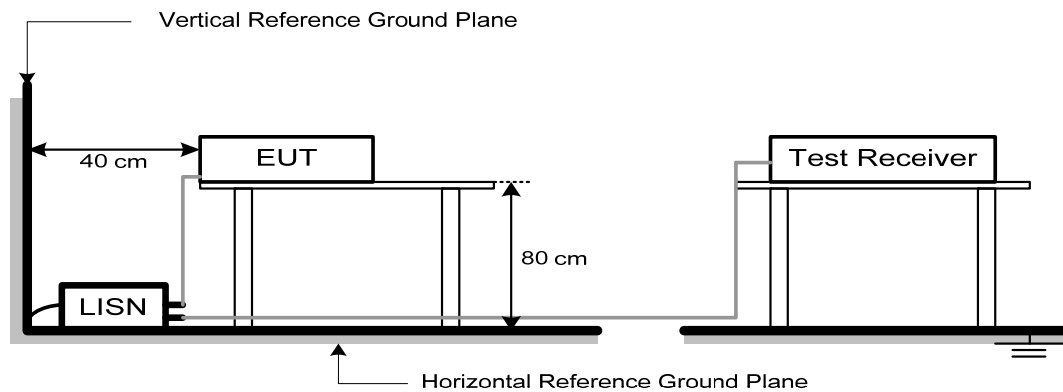
Receiver Parameter	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

#### 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)
5925-7125	Average: -27	68.2

NOTE:

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

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

## 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

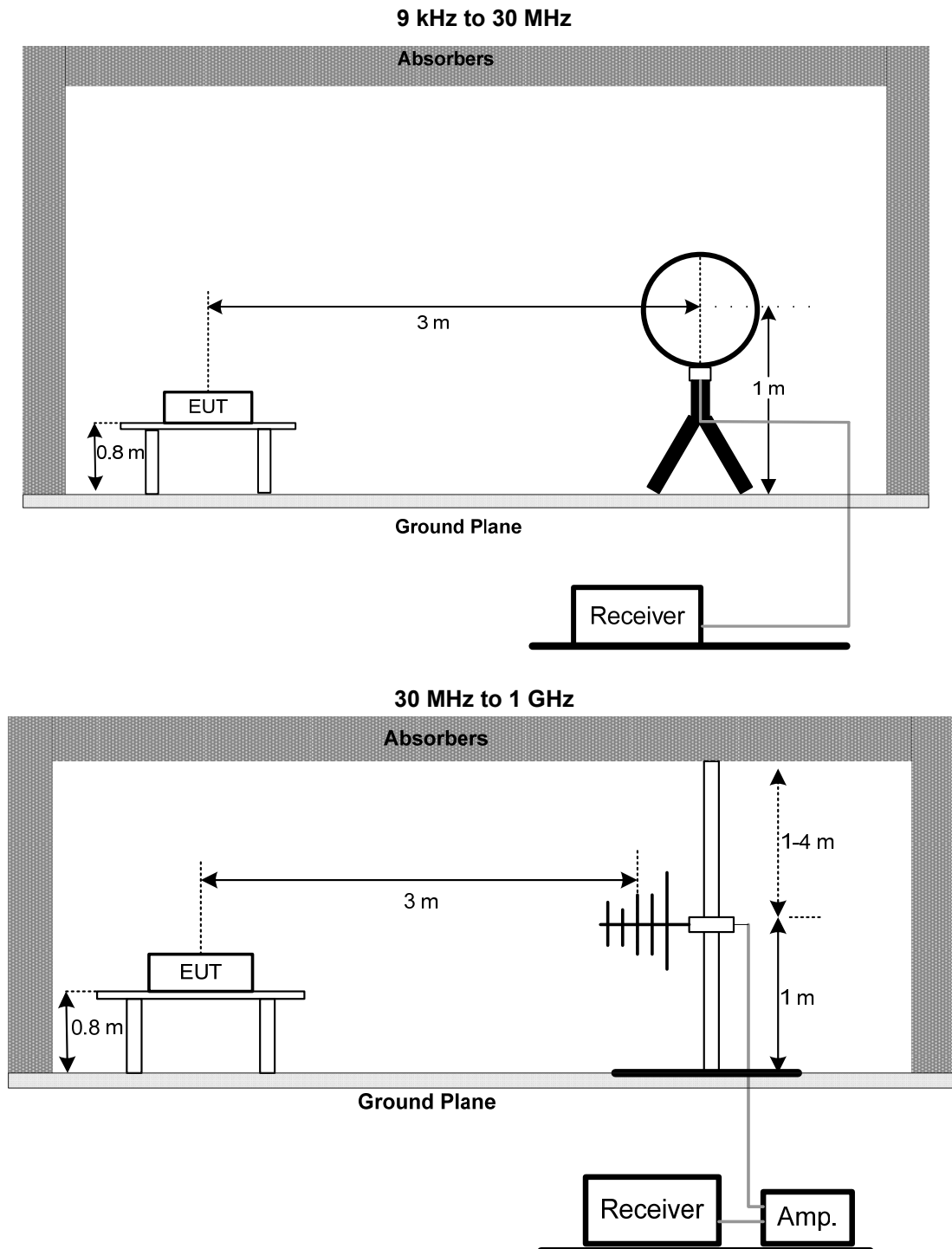
Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic or 40 GHz, whichever is lower
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

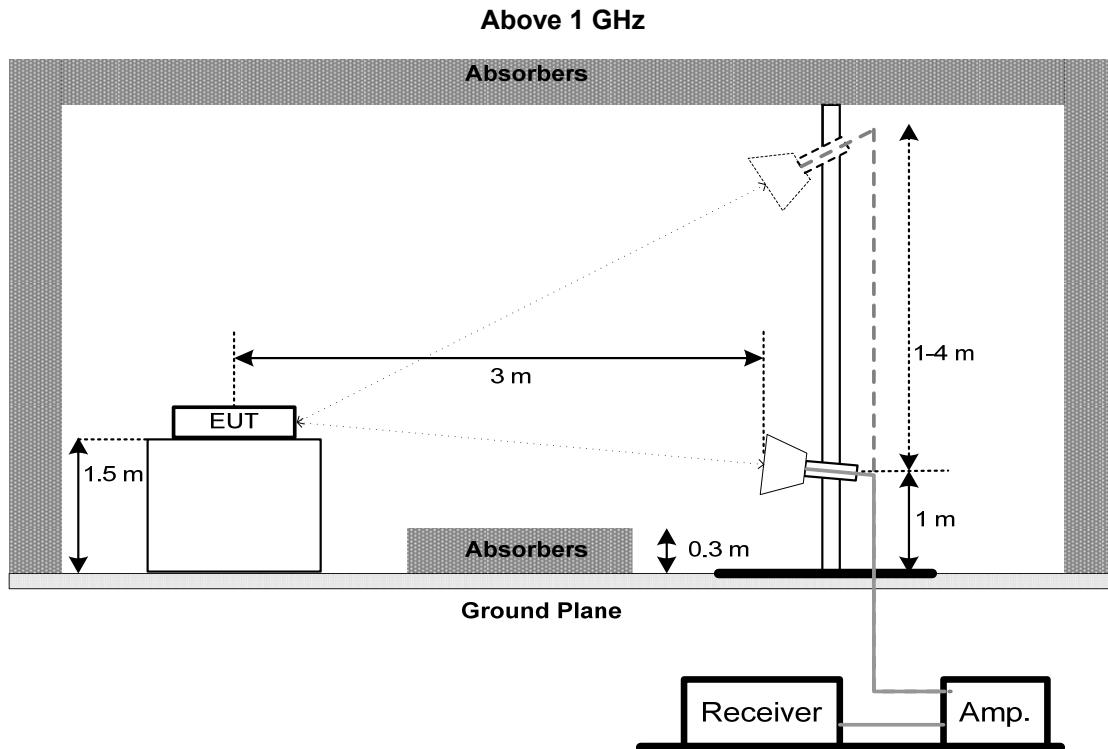
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

### 4.3 DEVIATION FROM TEST STANDARD

No deviation.

### 4.4 TEST SETUP





#### 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)	26 dB Bandwidth	Maximum 320 MHz	5925-7125

### 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 26 dB Bandwidth:

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 99% Occupied Bandwidth:

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

c. Measured the spectrum width with power higher than 26 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 E.I.R.P.

### 6.1 LIMIT

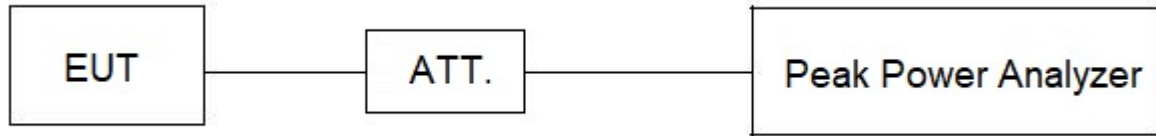
Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Maximum e.i.r.p.	Standard power access point and fixed client device 36 dBm	5925-6425 6525-6875
		Indoor access point 30 dBm	
		Subordinate device operating under the control of an indoor access point 30 dBm	
		Client devices operating under the control of a standard power access point 30 dBm	
		Client devices operating under the control of an indoor access point 24 dBm	6425-6525 6875-7125
		Indoor access point 30 dBm	
		Subordinate device operating under the control of an indoor access point 30 dBm	
		Client devices operating under the control of an indoor access point 24 dBm	

### 6.2 TEST PROCEDURE

- a. The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.
- b. 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. MAXIMUM POWER SPECTRAL DENSITY (E.I.R.P.)

### 7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Maximum Power Spectral Density (e.i.r.p.)	Standard power access point and fixed client device 23 dBm/MHz	5925-6425 6525-6875
		Indoor access point 5 dBm/MHz	
		Subordinate device operating under the control of an indoor access point 5 dBm/MHz	
		Client devices operating under the control of a standard power access point 17 dBm/MHz	
		Client devices operating under the control of an indoor access point -1 dBm/MHz	6425-6525 6875-7125
		Indoor access point 5 dBm/MHz	
		Subordinate device operating under the control of an indoor access point 5 dBm/MHz	
		Client devices operating under the control of an indoor access point -1 dBm/MHz	

### 7.2 TEST PROCEDURE

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

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

### 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.

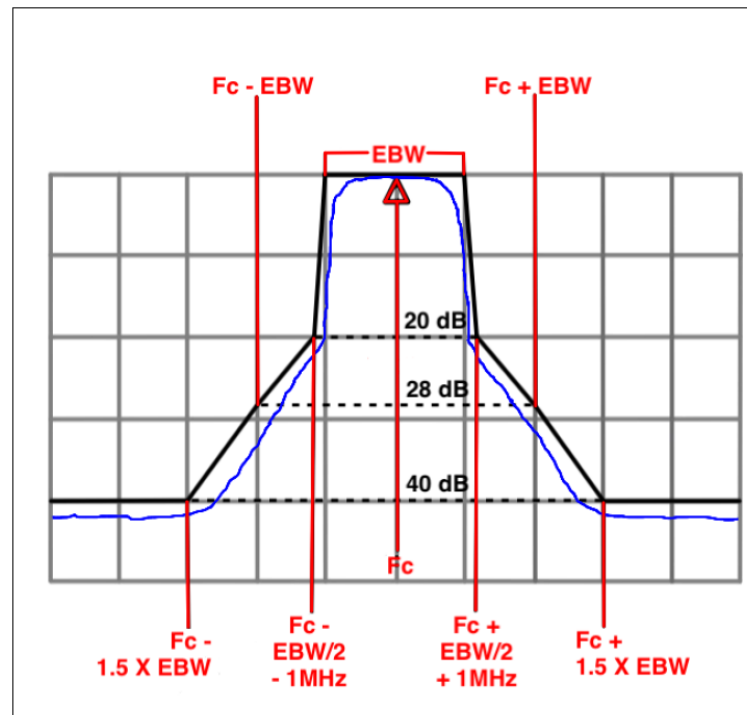
## 8. IN-BAND EMISSION (MASK)

### 8.1 LIMIT

Section	Test Item	Frequency Range (MHz)	(X) dBc (Note 1)
FCC 15.407(b)	In-Band Emission (Mask)	At 1MHz outside of channel edge	20
		At one channel bandwidth from the channel center (Note 2)	28
		At one- and one-half times the channel bandwidth away from channel center (Note 3)	40
		More than one- and one-half times the channel bandwidth	40

Note:

1. The power spectral density must be suppressed by "X" dB.
2. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression.
3. At frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.



## 8.2 TEST PROCEDURE

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

Spectrum Parameter	Setting
Span Frequency	> 26 dB Bandwidth
RBW	Appromiximately 1% of the emission bandwidth
VBW	$\geq 3 \times \text{RBW}$
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

## 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. CONTENTION BASED PROTOCOL

### 9.1 LIMIT

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. (See note)

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

**Note:**

The EUT encounters the incumbent signal that its power level is less than or equal to the detection threshold (-62dBm) with reference to 0dBi antenna gain. And the incumbent signal level will be amplified by the EUT antenna gain to yield an actual injected signal at the antenna port, the actual injected is identified as an AWGN signal. The calculation is as follows:

Incumbent signal level (dBm) + Antenna Gain (dBi) = AWGN Signal power Level (dBm)  
Incumbent signal level (dBm)  $\leq$  Detection Threshold (-62dBm+3=-59dBm)

All incumbent signal levels in the report comply with the -59dBm threshold.

## 9.2 TEST PROCEDURE

a. Number of times detection threshold:

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ( $f_{c1}=f_{c2}$ )
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within $BW_{EUT}$
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within $BW_{EUT}$	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

Where:

$BW_{EUT}$ : Transmission bandwidth of EUT signal.

$BW_{Inc}$ : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal).

$f_{c1}$ : Center frequency of EUT transmission.

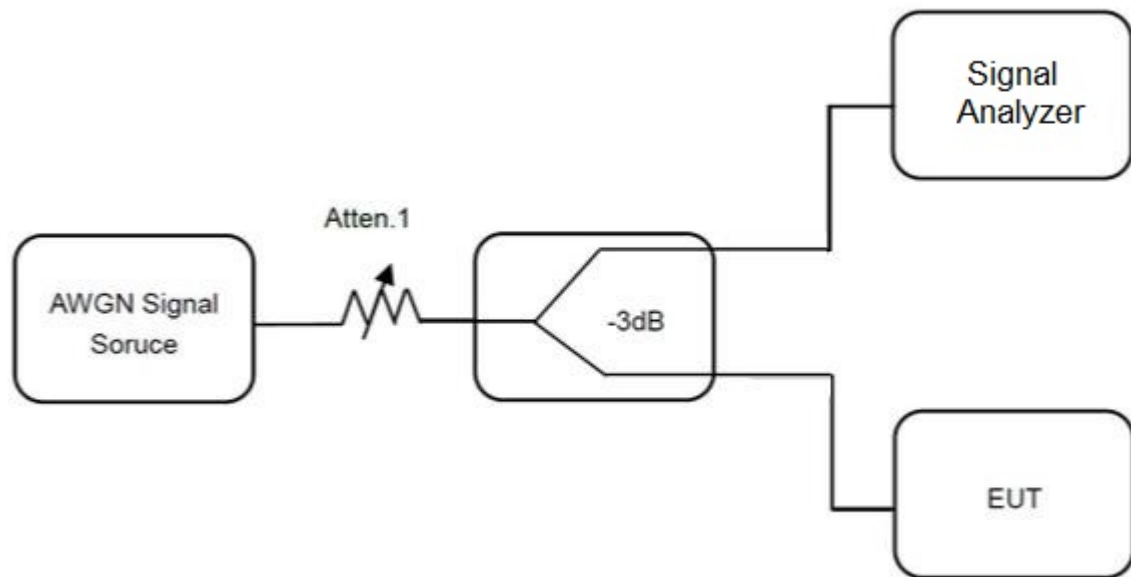
$f_{c2}$ : Center frequency of simulated incumbent signal.

- b. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use step b table to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
- c. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer and the EUT as show in the block diagram below.
- d. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer.
- e. Monitor the signal analyzer to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
- f. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
- g. Refer to step b table to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step c, choose a different center frequency for the AWGN signal and repeat the process.

## 9.3 DEVIATION FROM STANDARD

No deviation.

#### 9.4 TEST SETUP



#### 9.5 EUT OPERATION CONDITIONS

The EUT was Configured to be in normally transmitting mode with a constant duty cycle.

#### 9.6 TEST RESULTS

Please refer to the APPENDIX I.

**10. MEASUREMENT INSTRUMENTS LIST**

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	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	15041304	Jan. 22, 2023
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 08, 2023
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	Jun. 17, 2022 Jun. 17, 2023
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. 14, 2022 Jul. 14, 2023

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. 03, 2023
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	Receiver	Agilent	N9038A	MY52130039	Jan. 22, 2023
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chamber Room	RM	9*6*6	N/A	Jul. 15, 2022 Jul. 15, 2023



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. 18, 2023
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	May 27, 2023
3	Amplifier	Agilent	8449B	3008A02584	Jul. 03, 2022 Jul. 03, 2023
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. 05, 2022 Jul. 05, 2025
9	Cable	Talent microwave	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	COM-MW	ZBSF6-C5925-6425-1105	12205846	Jul. 03, 2023
12	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
13	966 Chamber Room	RM	9*6*6	N/A	Jul. 15, 2022 Jul. 15, 2023

Bandwidth & Maximum Power Spectral Density (e.i.r.p.) & In-Band Emission (Mask)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 03, 2022 Jul. 03, 2023
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 e.i.r.p.					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Jul. 03, 2022 Jul. 03, 2023
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 03, 2022 Jul. 03, 2023
3	Attenuator	WOKEN	6SM3502	VAS1214NL	N/A
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

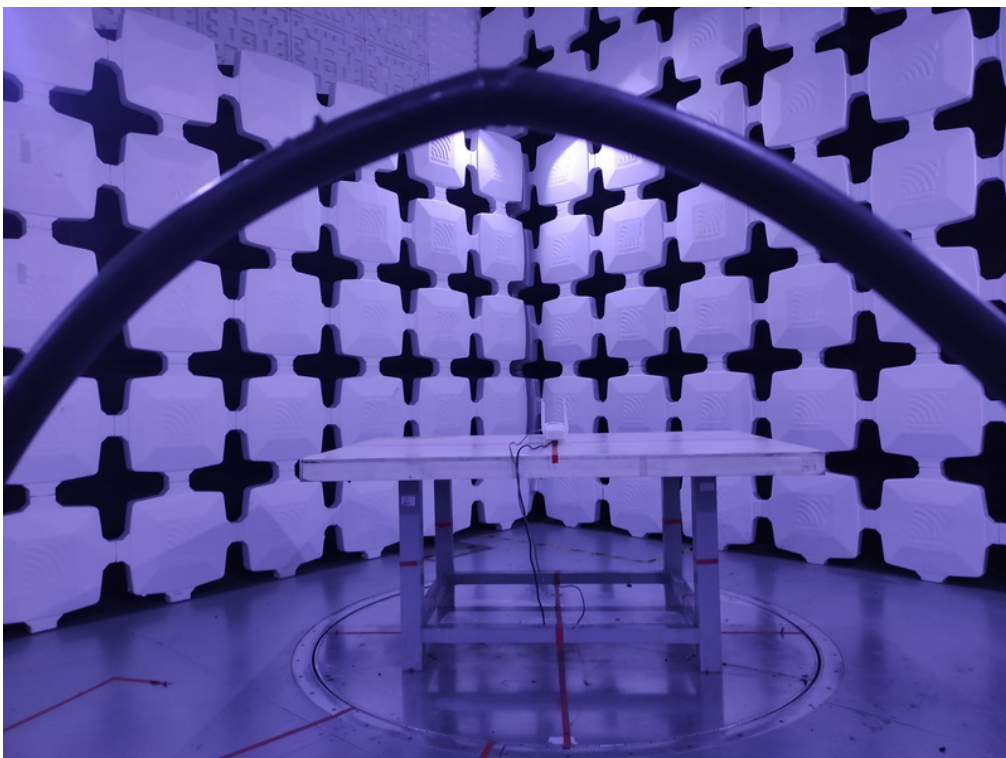
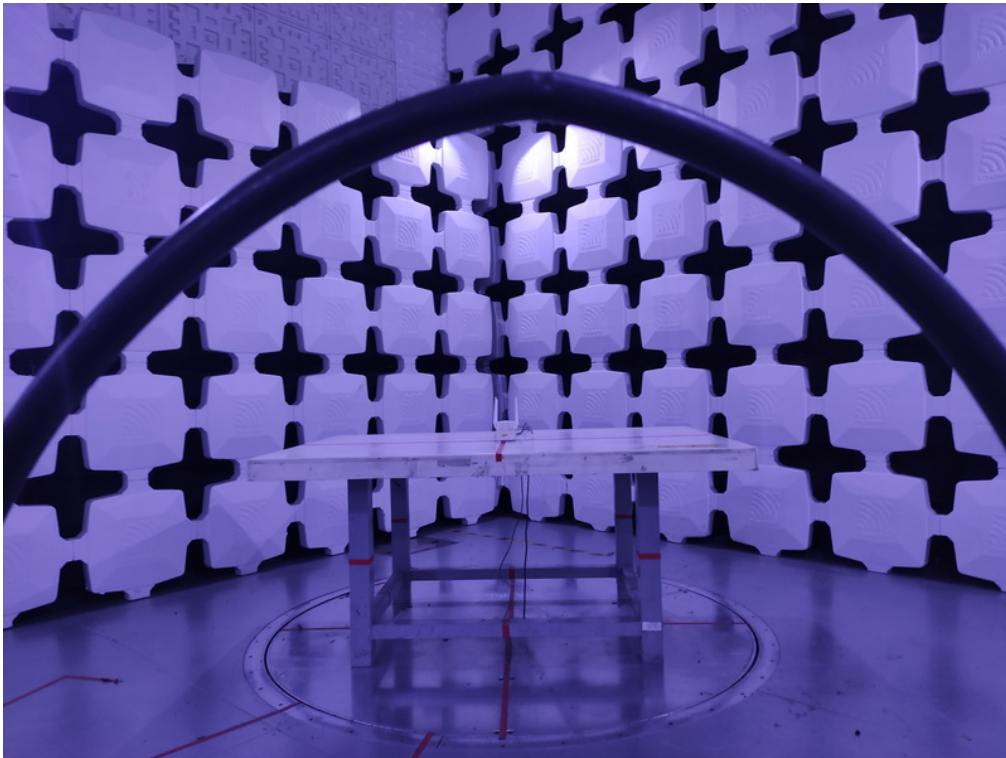
Contention Based Protocol					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	Jul. 03, 2022 Jul. 03, 2023
2	Frequency expansion instrument	Keysight	N5182BX07	MY59360135	N/A
3	MXG Vector Signal Generator	Keysight	N5182B	MY57300568	Jul. 03, 2022 Jul. 03, 2023
4	Notebook	Lenovo	XIAOXIN PRO 13 2020	N/A	N/A
5*	POWER SPLITTER	Mini-Circuits	ZN4PD1-63-S+	SF9335D1045-2	Jan. 23, 2025
6*	POWER SPLITTER	Guangkuo	N/A	SZ201504837	Jul. 10, 2024
7	Cable	N/A	EMC104-SM-SM-6 000	N/A	Oct. 15, 2022

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

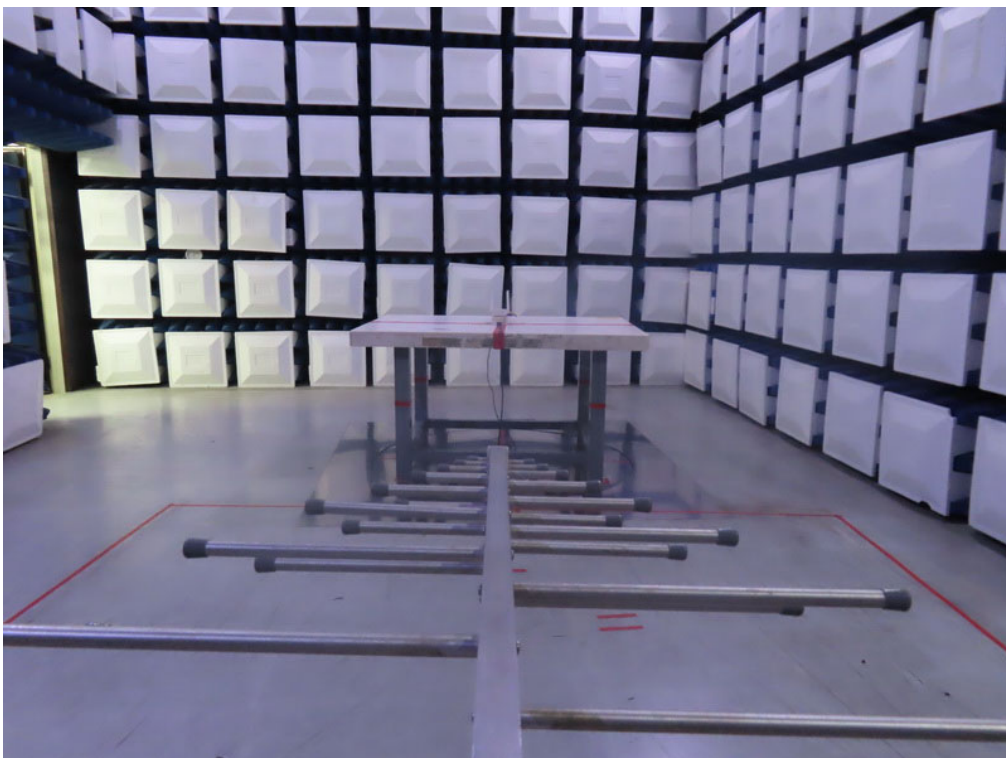
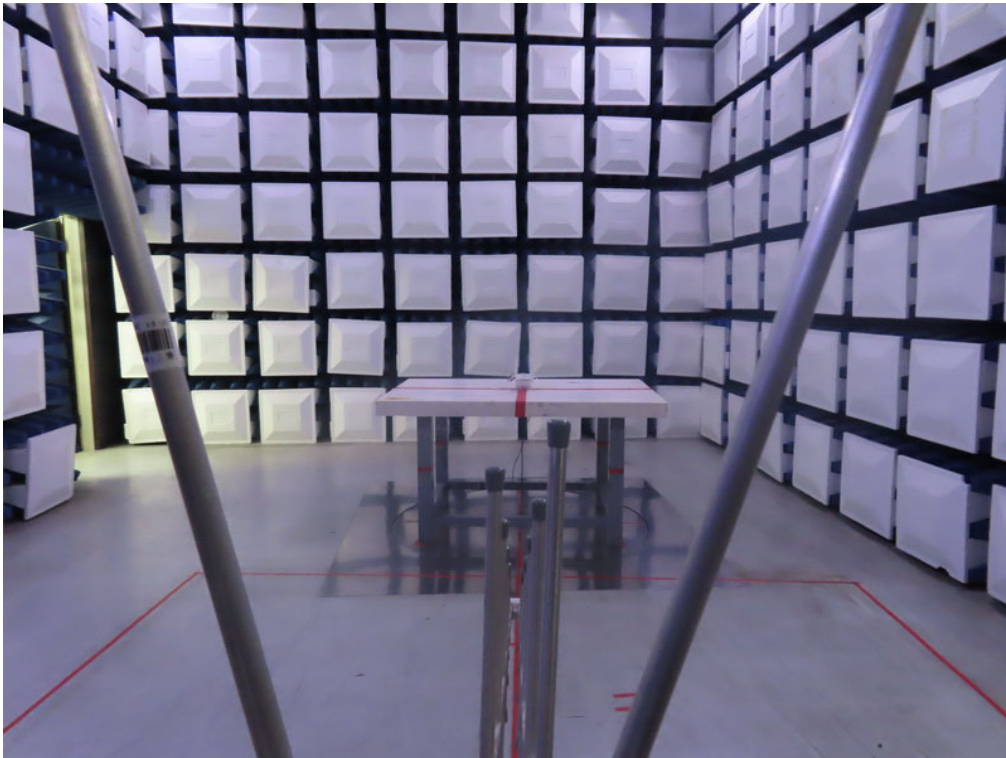
"\*\*" calibration period of equipment list is three year.

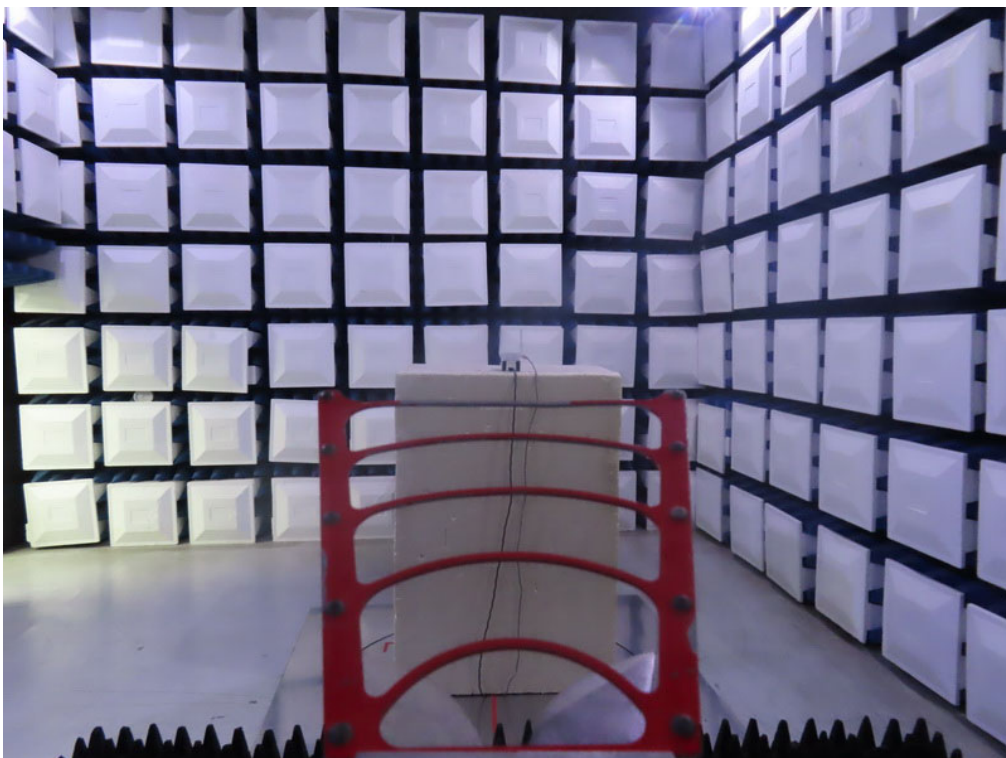
Except \* item, all calibration period of equipment list is one year.

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

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

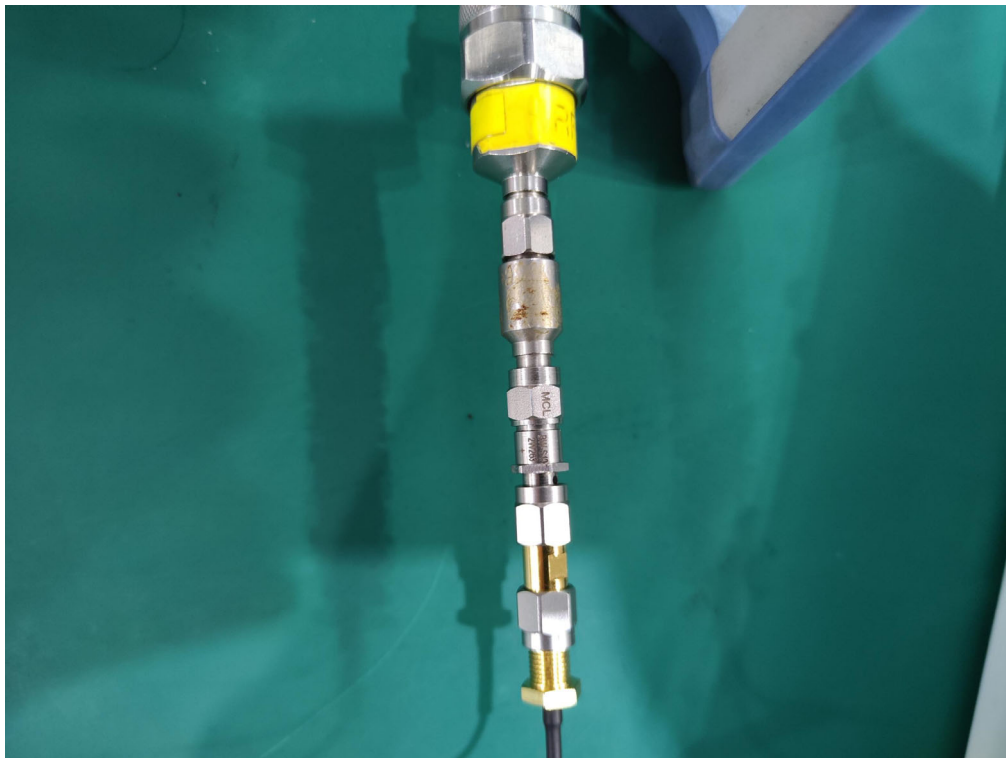
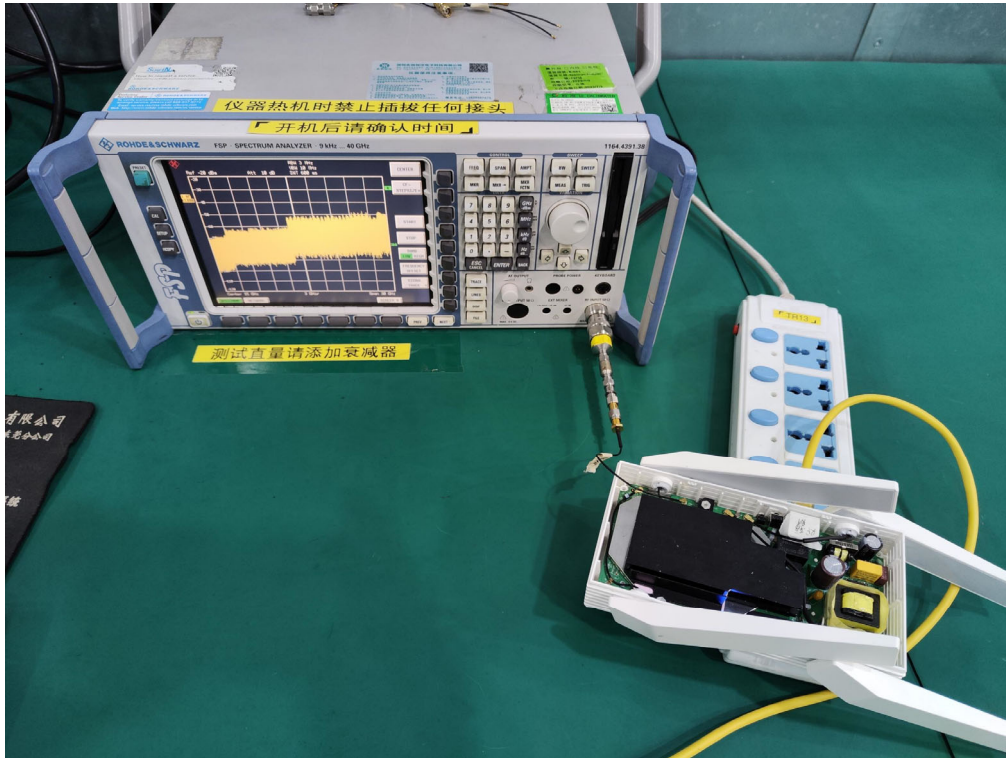


**Radiated Emissions Test Photos****30 MHz to 1 GHz**

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



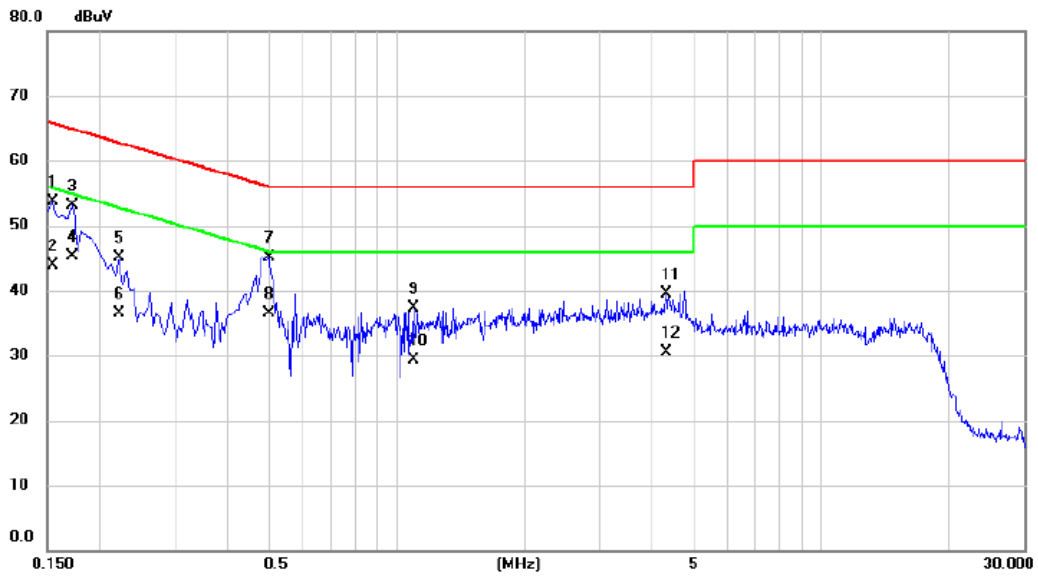
## Conducted Test Photos



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



Test Mode	TX AX(HE160) Mode Channel 47 (UNII-5)	Phase	Line
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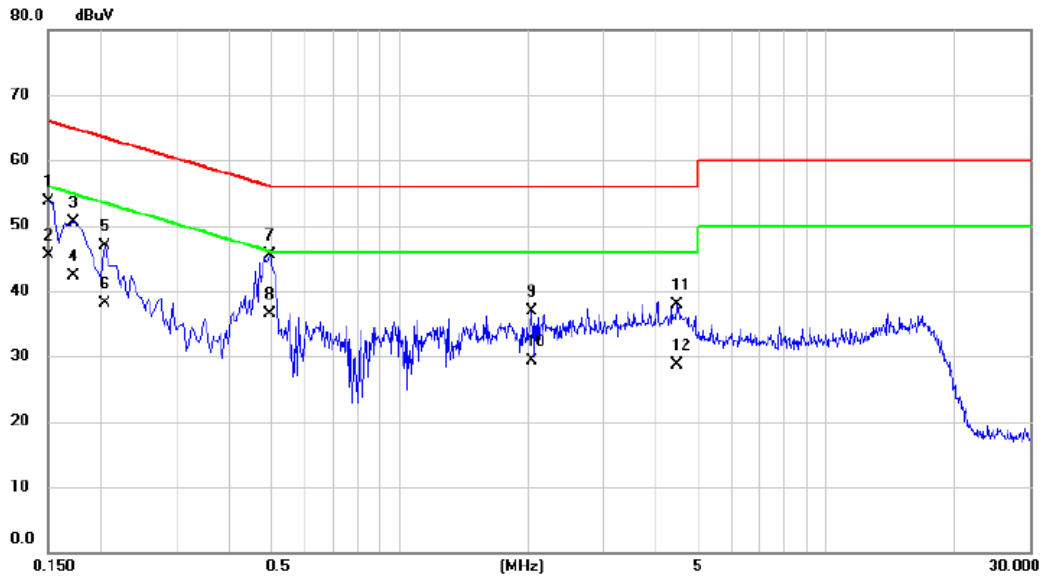


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1545	43.98	9.66	53.64	65.75	-12.11	QP	
2		0.1545	34.30	9.66	43.96	55.75	-11.79	AVG	
3		0.1725	43.49	9.67	53.16	64.84	-11.68	QP	
4		0.1725	35.60	9.67	45.27	54.84	-9.57	AVG	
5		0.2220	35.34	9.69	45.03	62.74	-17.71	QP	
6		0.2220	26.80	9.69	36.49	52.74	-16.25	AVG	
7		0.5010	35.33	9.76	45.09	56.00	-10.91	QP	
8	*	0.5010	26.70	9.76	36.46	46.00	-9.54	AVG	
9		1.0950	27.50	9.84	37.34	56.00	-18.66	QP	
10		1.0950	19.50	9.84	29.34	46.00	-16.66	AVG	
11		4.3080	29.44	10.07	39.51	56.00	-16.49	QP	
12		4.3080	20.40	10.07	30.47	46.00	-15.53	AVG	

**REMARKS:**

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

Test Mode	TX AX(HE160) Mode Channel 47 (UNII-5)	Phase	Neutral
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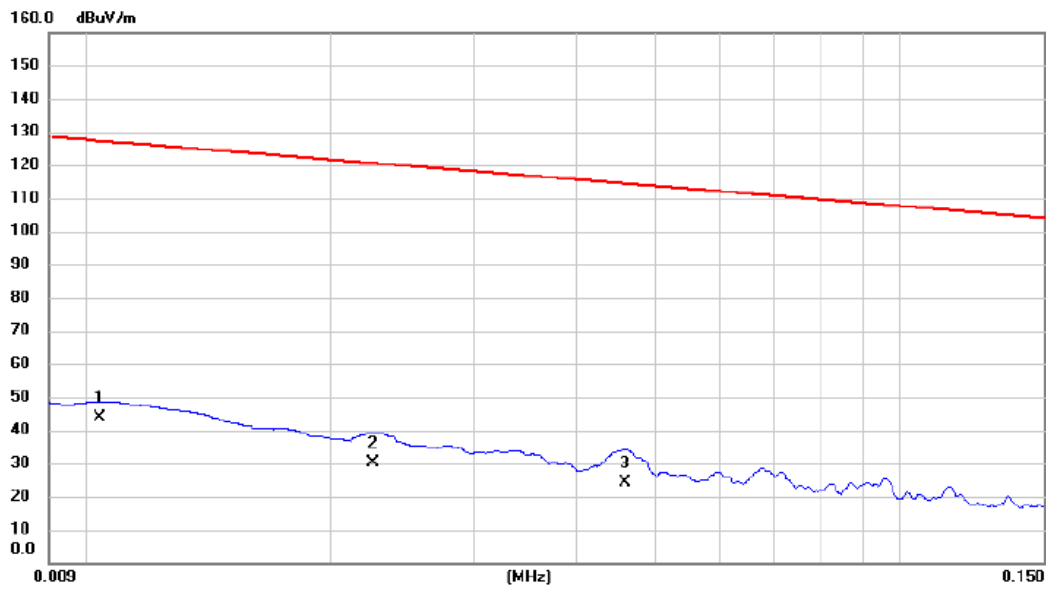
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	43.97	9.71	53.68	66.00	-12.32	QP	
2		0.1500	35.70	9.71	45.41	56.00	-10.59	AVG	
3		0.1725	40.87	9.71	50.58	64.84	-14.26	QP	
4		0.1725	32.60	9.71	42.31	54.84	-12.53	AVG	
5		0.2040	37.14	9.73	46.87	63.45	-16.58	QP	
6		0.2040	28.40	9.73	38.13	53.45	-15.32	AVG	
7		0.4965	35.69	9.79	45.48	56.06	-10.58	QP	
8	*	0.4965	26.80	9.79	36.59	46.06	-9.47	AVG	
9		2.0400	27.00	9.92	36.92	56.00	-19.08	QP	
10		2.0400	19.30	9.92	29.22	46.00	-16.78	AVG	
11		4.4790	27.81	10.11	37.92	56.00	-18.08	QP	
12		4.4790	18.50	10.11	28.61	46.00	-17.39	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 AX(HE160) Mode Channel 47 (UNII-5)	Polarization	Ant 0°
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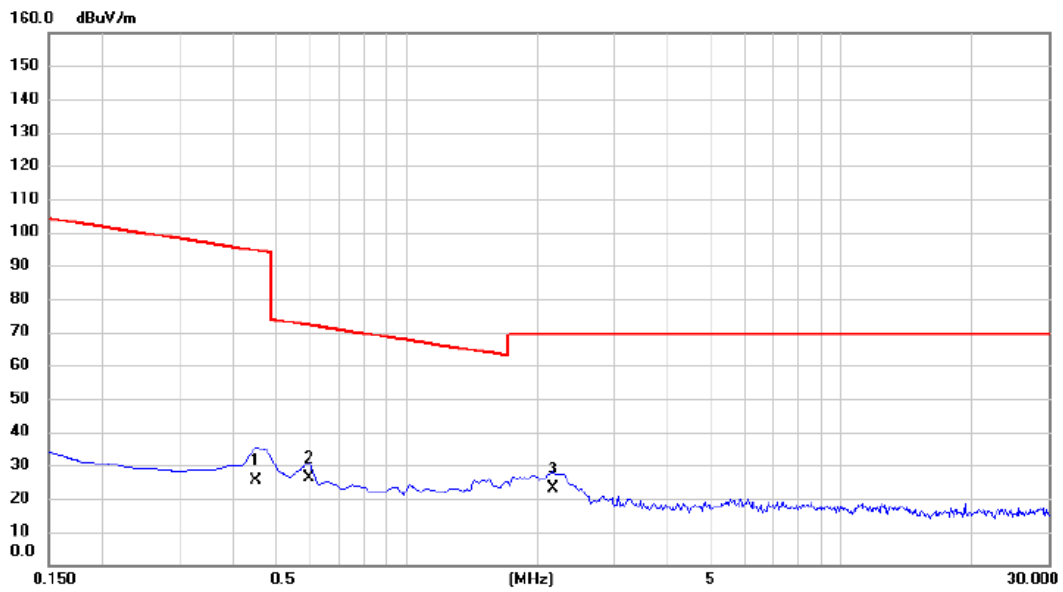


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0104	78.12	-34.20	43.92	127.26	-83.34	AVG	
2		0.0225	67.32	-37.28	30.04	120.56	-90.52	AVG	
3		0.0460	62.03	-37.81	24.22	114.35	-90.13	AVG	

**REMARKS:**

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

Test Mode	TX AX(HE160) Mode Channel 47 (UNII-5)	Polarization	Ant 0°
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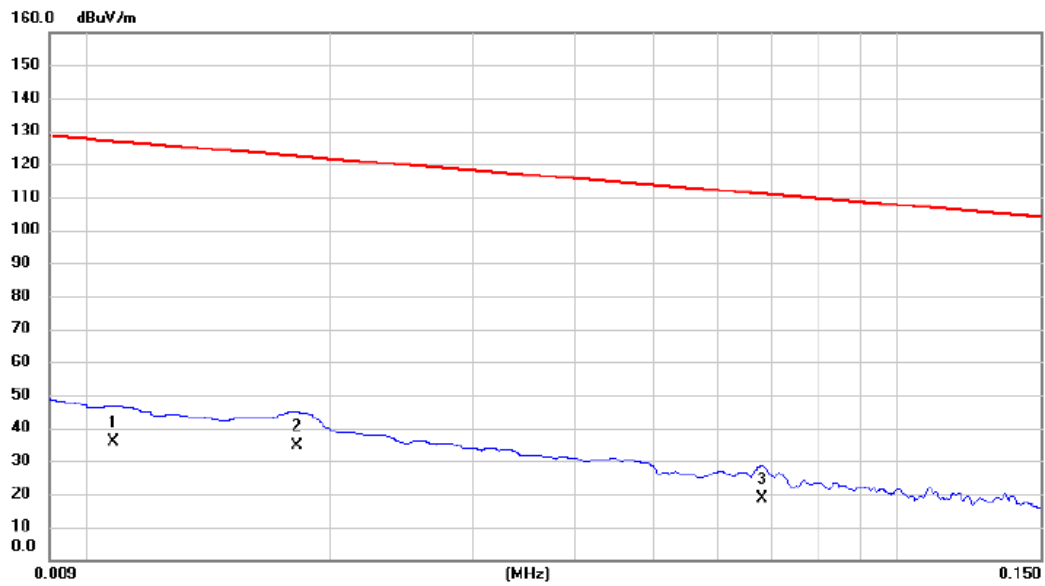


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4485	63.68	-38.15	25.53	94.57	-69.04	AVG	
2	*	0.5978	64.48	-38.32	26.16	72.07	-45.91	QP	
3		2.1798	62.75	-39.64	23.11	69.54	-46.43	QP	

**REMARKS:**

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

Test Mode	TX AX(HE160) Mode Channel 47 (UNII-5)	Polarization	Ant 90°
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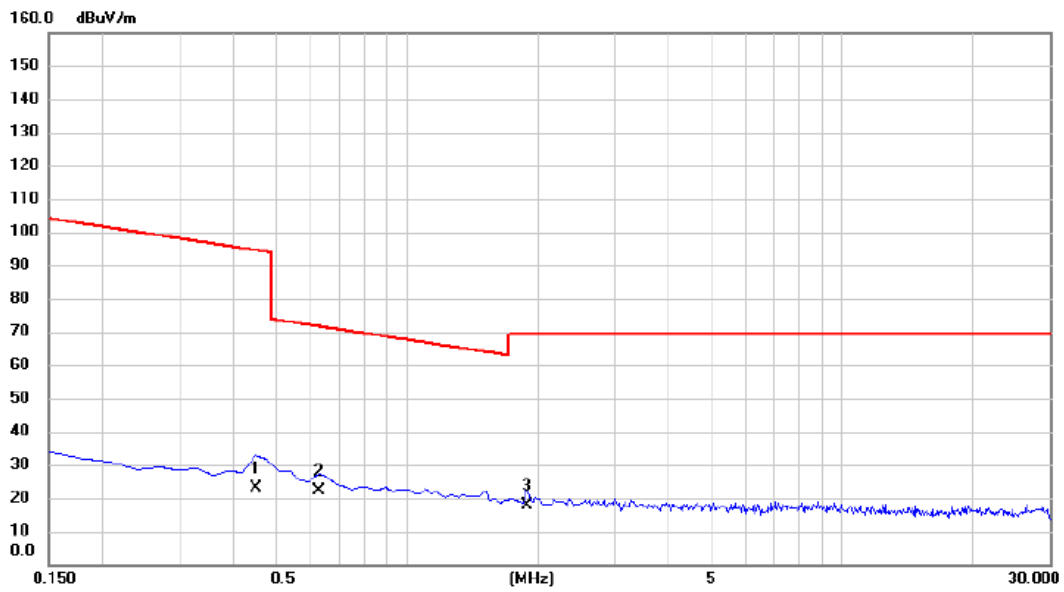


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0108	70.06	-34.33	35.73	126.94	-91.21	AVG	
2	*	0.0182	71.08	-36.65	34.43	122.40	-87.97	AVG	
3		0.0680	56.68	-37.89	18.79	110.95	-92.16	AVG	

**REMARKS:**

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

Test Mode	TX AX(HE160) Mode Channel 47 (UNII-5)	Polarization	Ant 90°
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4485	61.28	-38.15	23.13	94.57	-71.44	AVG	
2	*	0.6276	60.53	-38.35	22.18	71.65	-49.47	QP	
3		1.8813	57.12	-39.48	17.64	69.54	-51.90	QP	

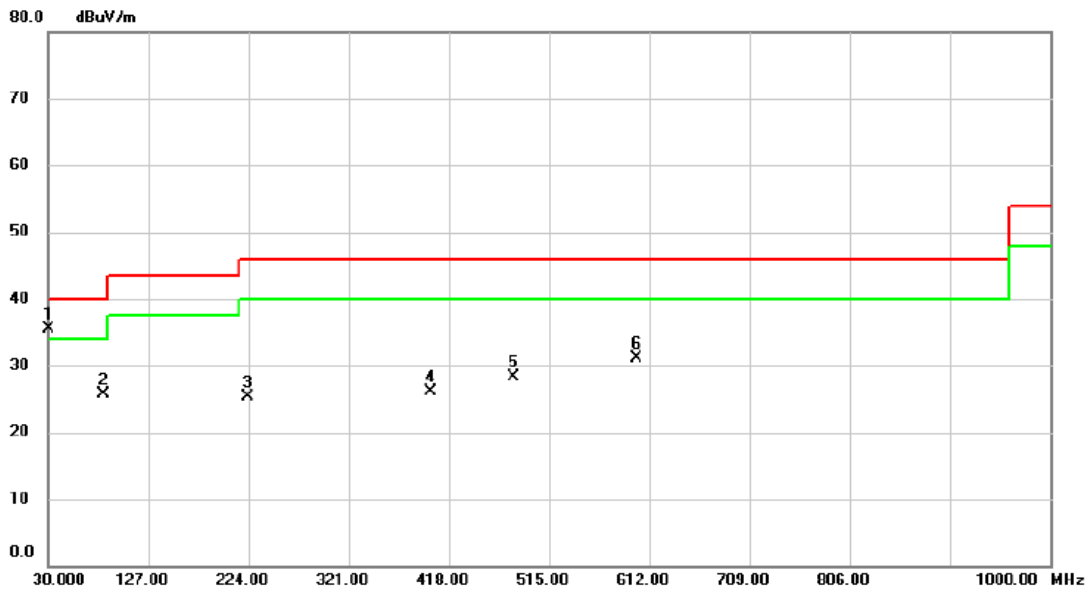
REMARKS:

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

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



Test Mode	TX AX(HE160) Mode Channel 47 (UNII-5)	Polarization	Vertical
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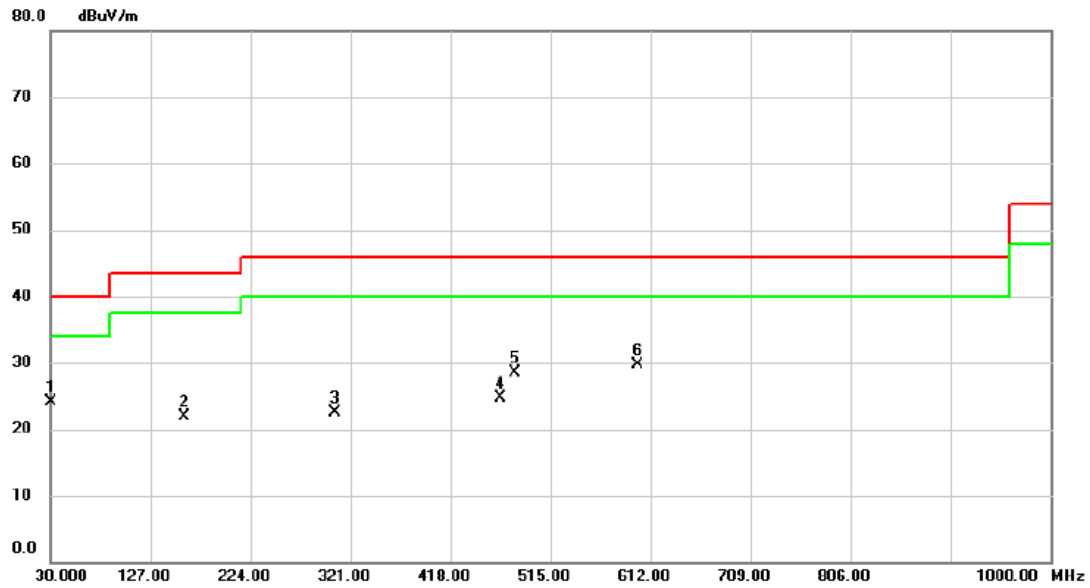


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	30.000	51.52	-16.07	35.45	40.00	-4.55	peak	
2		83.350	44.51	-18.77	25.74	40.00	-14.26	peak	
3		223.030	40.16	-14.89	25.27	46.00	-20.73	peak	
4		400.540	34.96	-8.94	26.02	46.00	-19.98	peak	
5		480.080	35.39	-7.12	28.27	46.00	-17.73	peak	
6		599.390	35.93	-4.80	31.13	46.00	-14.87	peak	

**REMARKS:**

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

Test Mode	TX AX(HE160) Mode Channel 47 (UNII-5)	Polarization	Horizontal
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	30.000	40.18	-16.07	24.11	40.00	-15.89	peak	
2		159.980	34.58	-12.72	21.86	43.50	-21.64	peak	
3		306.450	33.70	-11.13	22.57	46.00	-23.43	peak	
4		466.500	31.94	-7.30	24.64	46.00	-21.36	peak	
5		480.080	35.56	-7.12	28.44	46.00	-17.56	peak	
6		599.390	34.53	-4.80	29.73	46.00	-16.27	peak	

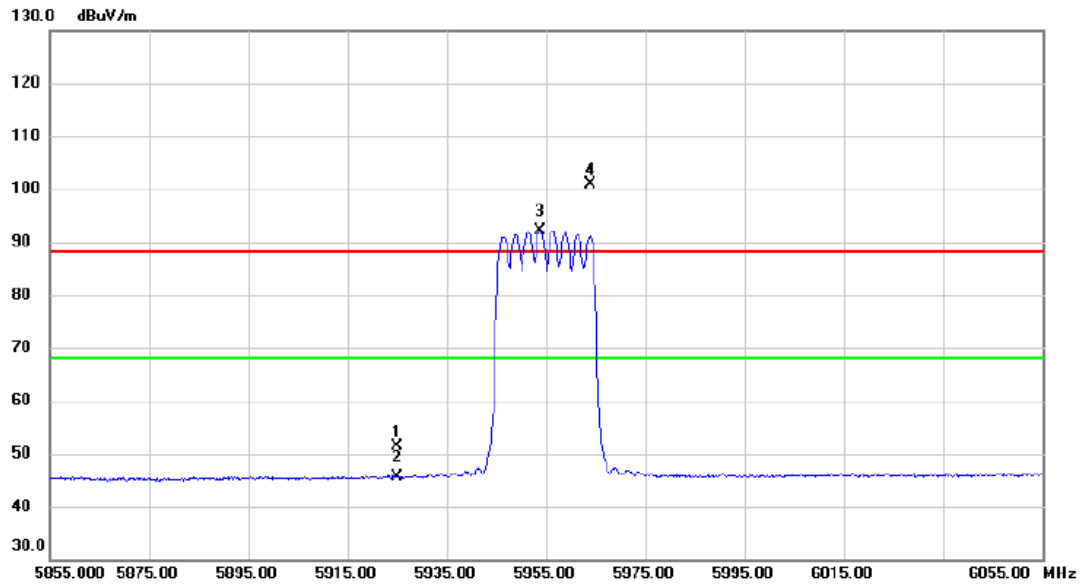
**REMARKS:**

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

**APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ**

## NSS1

Test Mode	UNII-5_TX AX(HE20) Mode 5955 MHz	Polarization	Vertical
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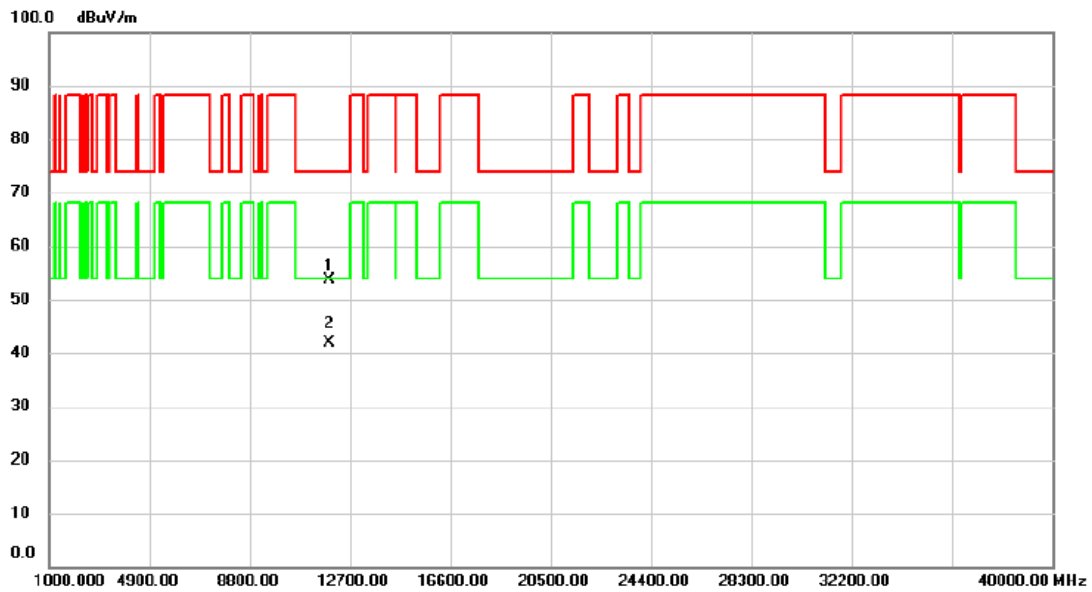


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5925.000	34.58	16.92	51.50	88.20	-36.70	peak	
2		5925.000	28.65	16.92	45.57	68.20	-22.63	AVG	
3	*	5953.800	75.23	16.98	92.21	68.20	24.01	AVG	No Limit
4	X	5964.000	84.01	16.99	101.00	88.20	12.80	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE20) Mode 5955 MHz	Polarization	Vertical
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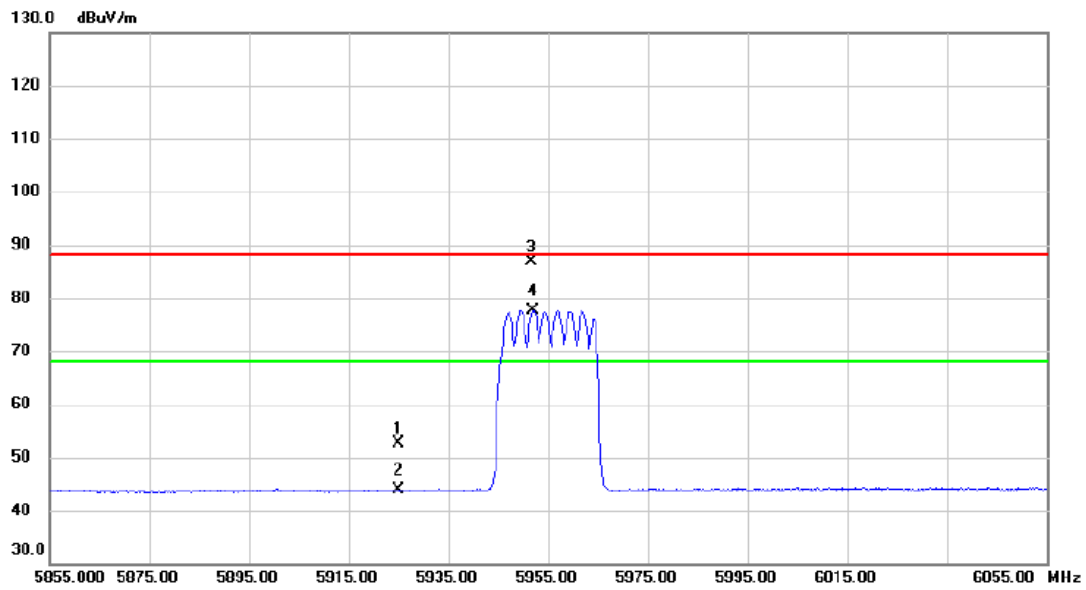


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11910.95	38.80	14.86	53.66	74.00	-20.34	peak	
2 *	11911.85	27.00	14.86	41.86	54.00	-12.14	AVG	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE20) Mode 5955 MHz	Polarization	Horizontal
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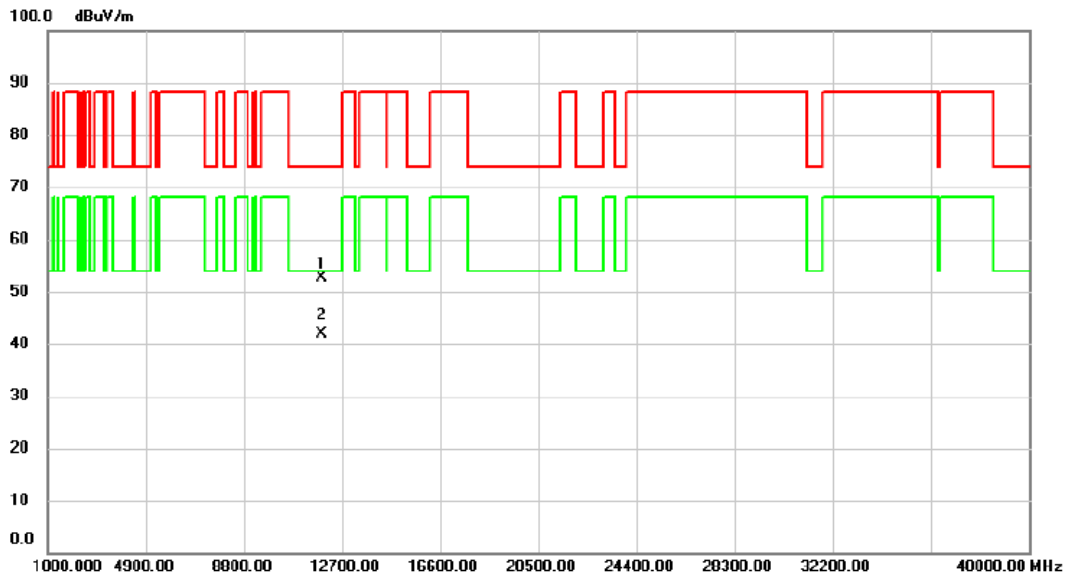


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5925.000	35.67	16.92	52.59	88.20	-35.61	peak	
2		5925.000	26.92	16.92	43.84	68.20	-24.36	AVG	
3		5951.600	69.83	16.97	86.80	88.20	-1.40	peak	No Limit
4	*	5952.000	60.64	16.97	77.61	68.20	9.41	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE20) Mode 5955 MHz	Polarization	Horizontal
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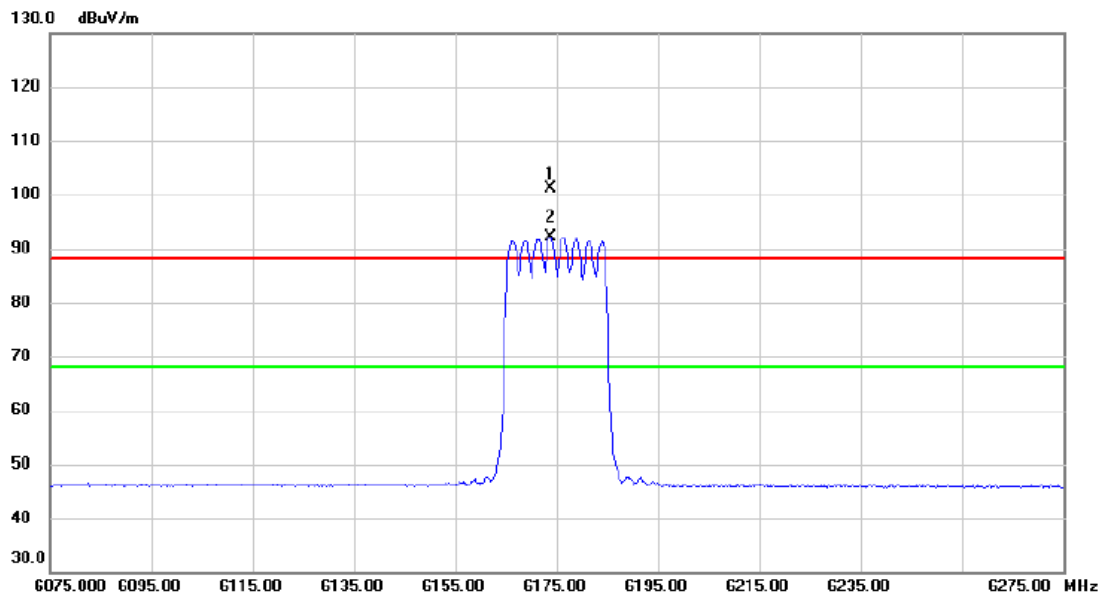


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11909.08	37.77	14.86	52.63	74.00	-21.37	peak	
2 *	11909.33	27.10	14.86	41.96	54.00	-12.04	AVG	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE20) Mode 6175 MHz	Polarization	Vertical
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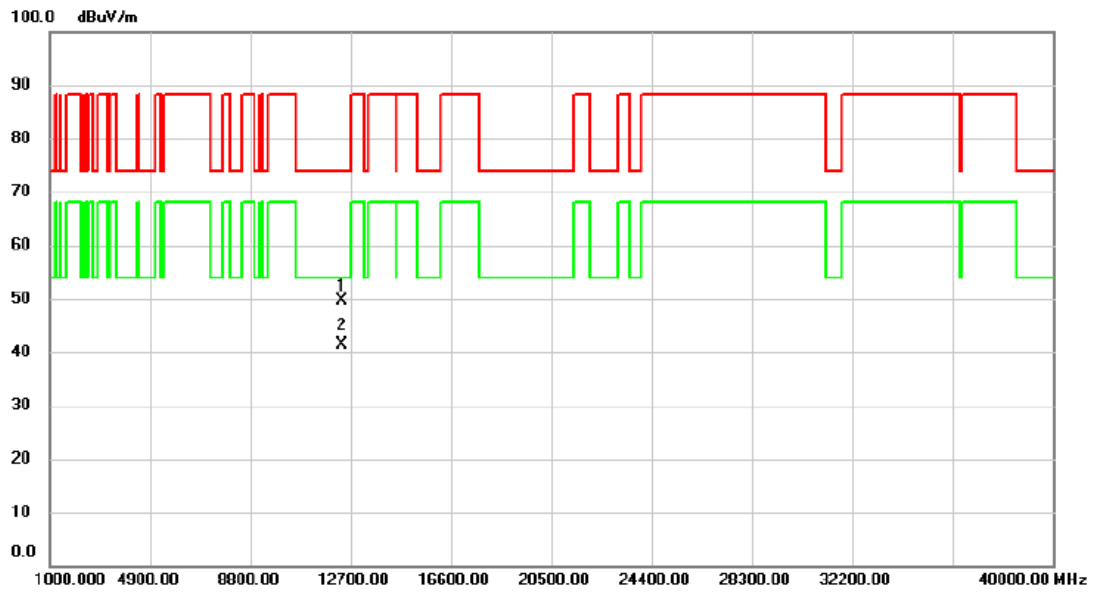
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	X	6173.800	83.64	17.46	101.10	88.20	12.90	peak	No Limit
2	*	6173.800	74.58	17.46	92.04	68.20	23.84	AVG	No Limit

**REMARKS:**

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



Test Mode	UNII-5_TX AX(HE20) Mode 6175 MHz	Polarization	Vertical
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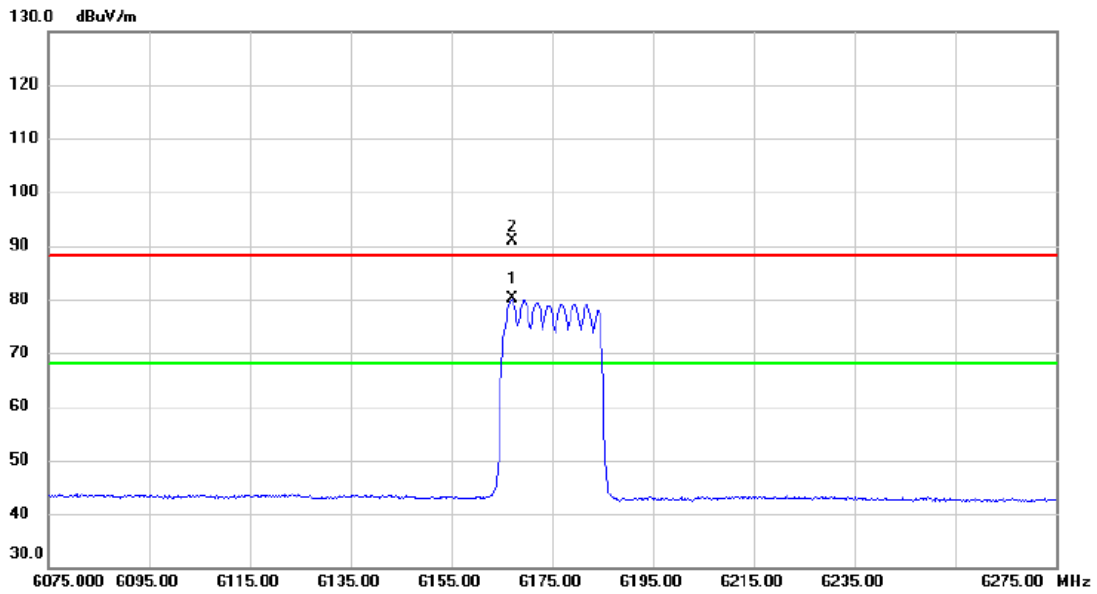


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12351.34	34.03	15.58	49.61	74.00	-24.39	peak	
2	*	12351.34	25.75	15.58	41.33	54.00	-12.67	AVG	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE20) Mode 6175 MHz	Polarization	Horizontal
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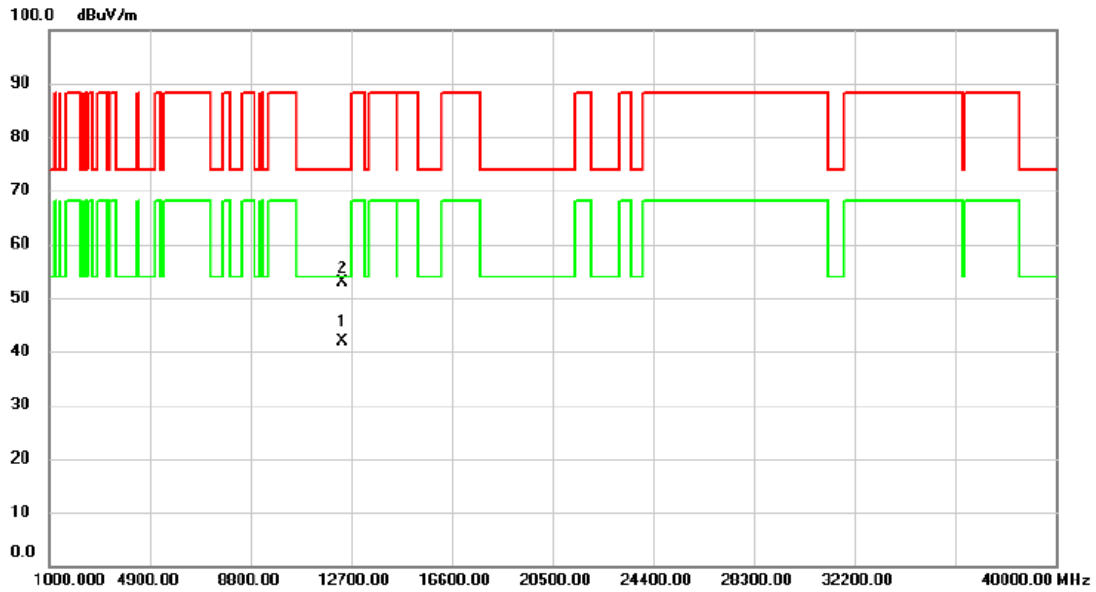


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6167.000	62.58	17.44	80.02	68.20	11.82	AVG	No Limit
2 X	6167.200	73.39	17.44	90.83	88.20	2.63	peak	No Limit

REMARKS:

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

Test Mode	UNII-5_TX AX(HE20) Mode 6175 MHz	Polarization	Horizontal
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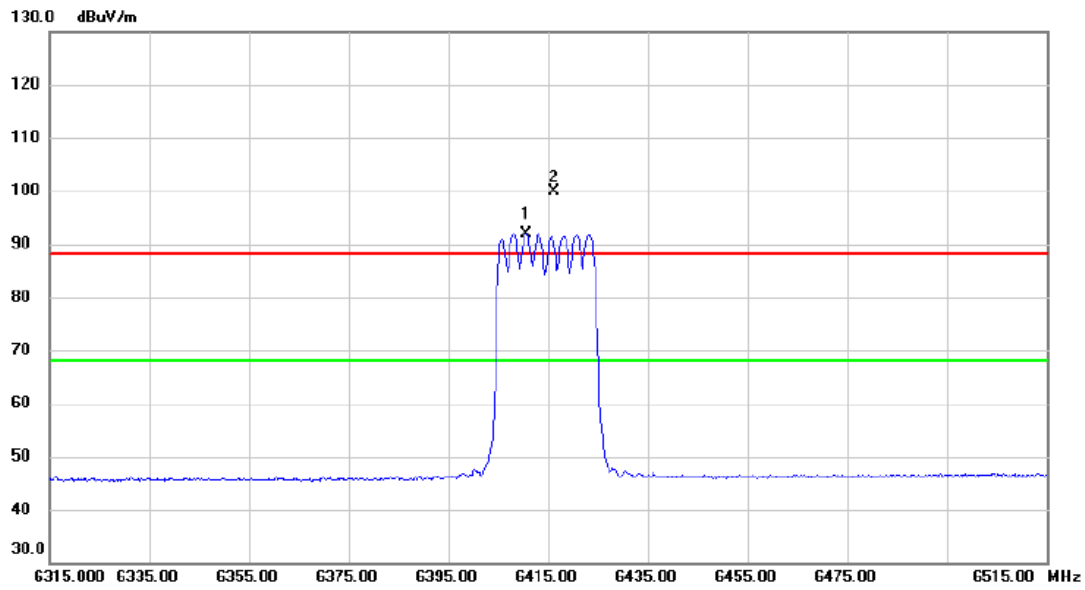


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12351.57	26.38	15.58	41.96	54.00	-12.04	AVG	
2		12352.16	37.28	15.58	52.86	74.00	-21.14	peak	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE20) Mode 6415 MHz	Polarization	Vertical
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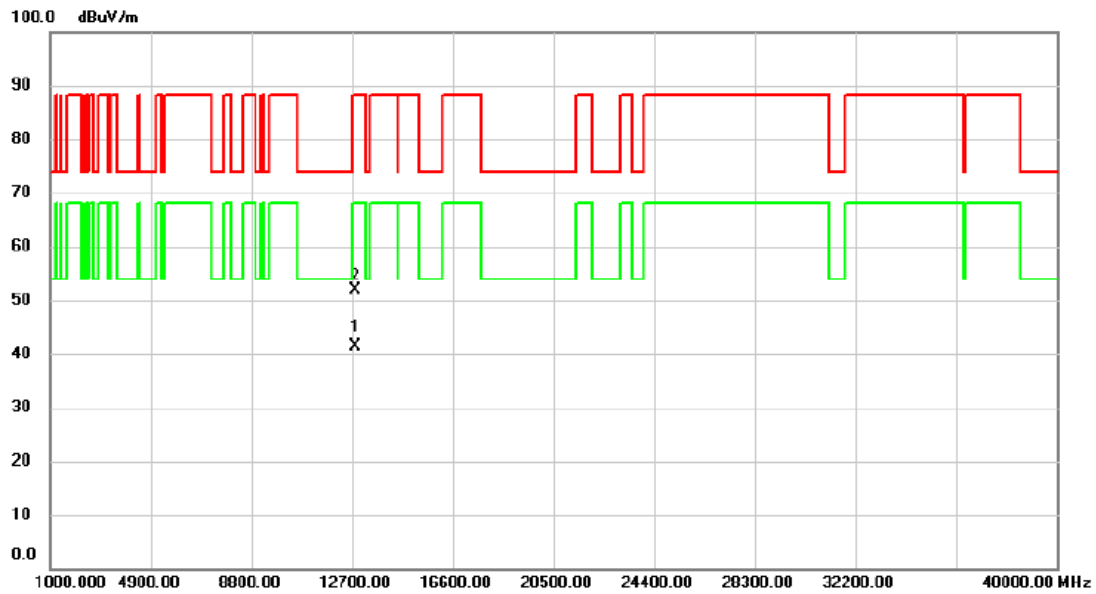


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6410.600	73.90	17.99	91.89	68.20	23.69	AVG	No Limit
2	X	6416.200	81.94	18.01	99.95	88.20	11.75	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE20) Mode 6415 MHz	Polarization	Vertical
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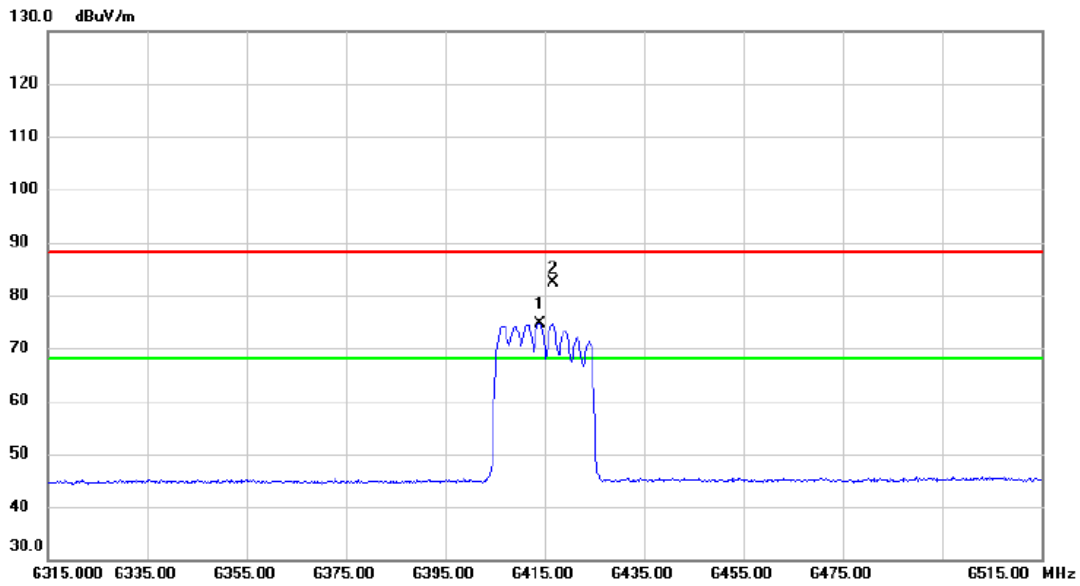


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12829.69	25.41	15.86	41.27	68.20	-26.93	AVG	
2		12832.42	36.00	15.86	51.86	88.20	-36.34	peak	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE20) Mode 6415 MHz	Polarization	Horizontal
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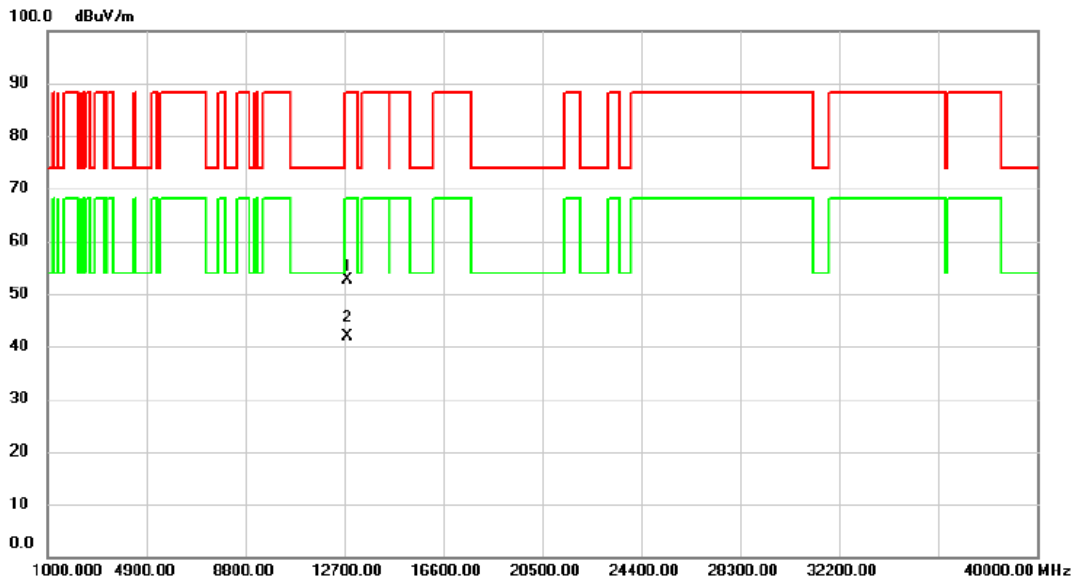


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6414.000	56.68	18.01	74.69	68.20	6.49	AVG	No Limit
2		6416.800	64.36	18.01	82.37	88.20	-5.83	peak	No Limit

REMARKS:

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

Test Mode	UNII-5_TX AX(HE20) Mode 6415 MHz	Polarization	Horizontal
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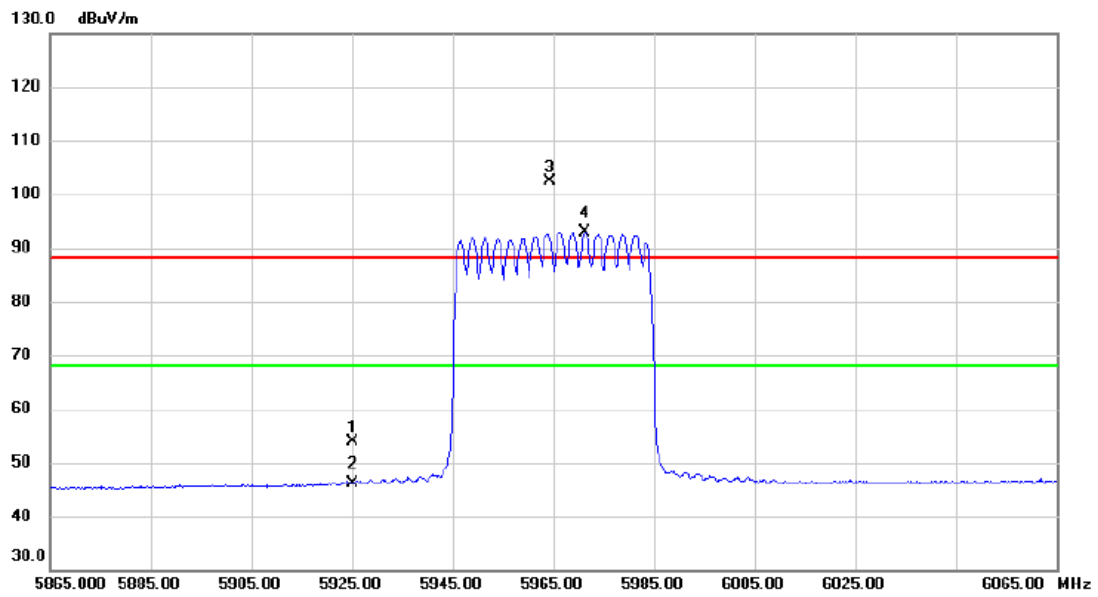


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12830.10	36.88	15.86	52.74	88.20	-35.46	peak	
2	*	12831.77	25.95	15.86	41.81	68.20	-26.39	AVG	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE40) Mode 5965 MHz	Polarization	Vertical
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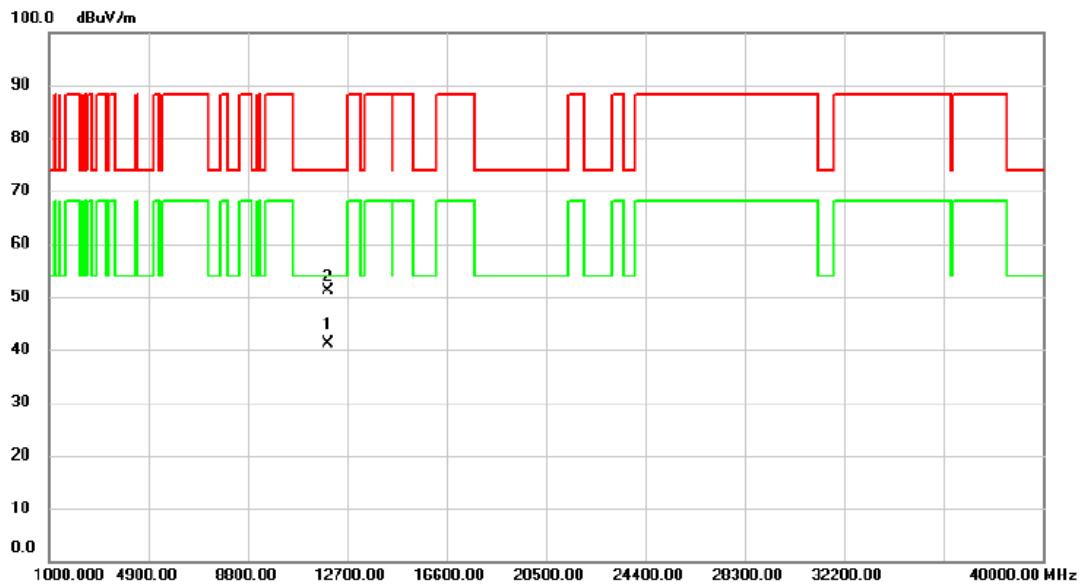
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5925.000	36.86	16.92	53.78	88.20	-34.42	peak	
2	5925.000	29.22	16.92	46.14	68.20	-22.06	AVG	
3 X	5964.400	85.38	16.99	102.37	88.20	14.17	peak	No Limit
4 *	5971.400	75.99	17.01	93.00	68.20	24.80	AVG	No Limit

**REMARKS:**

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



Test Mode	UNII-5_TX AX(HE40) Mode 5965 MHz	Polarization	Vertical
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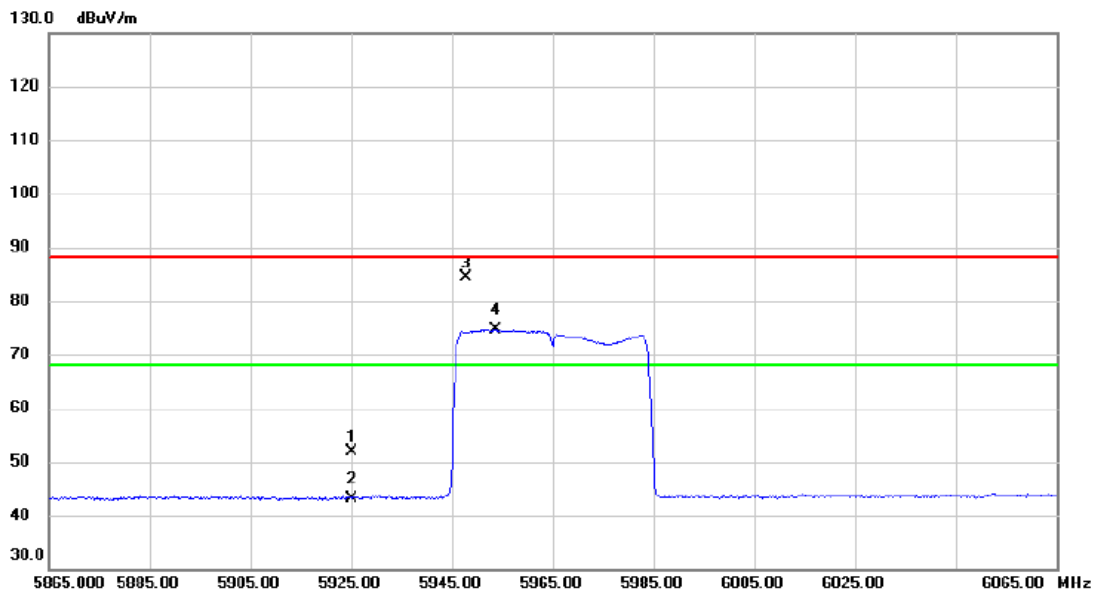


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	11927.66	26.22	14.88	41.10	54.00	-12.90	AVG	
2		11930.56	36.34	14.88	51.22	74.00	-22.78	peak	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE40) Mode 5965 MHz	Polarization	Horizontal
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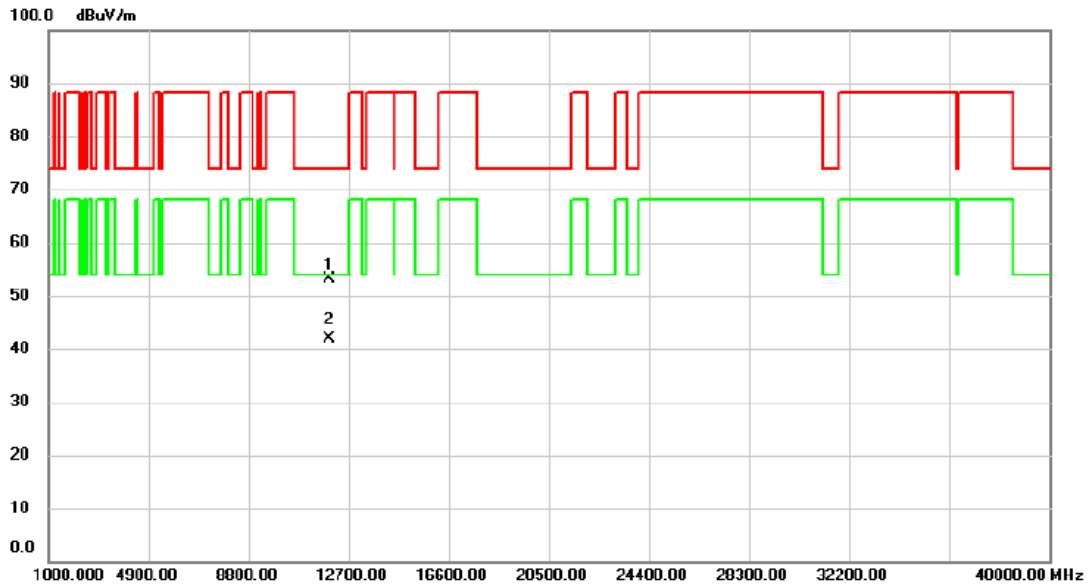


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5925.000	34.96	16.92	51.88	88.20	-36.32	peak	
2		5925.000	26.21	16.92	43.13	68.20	-25.07	AVG	
3		5947.800	67.35	16.96	84.31	88.20	-3.89	peak	No Limit
4	*	5953.600	57.68	16.98	74.66	68.20	6.46	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE40) Mode 5965 MHz	Polarization	Horizontal
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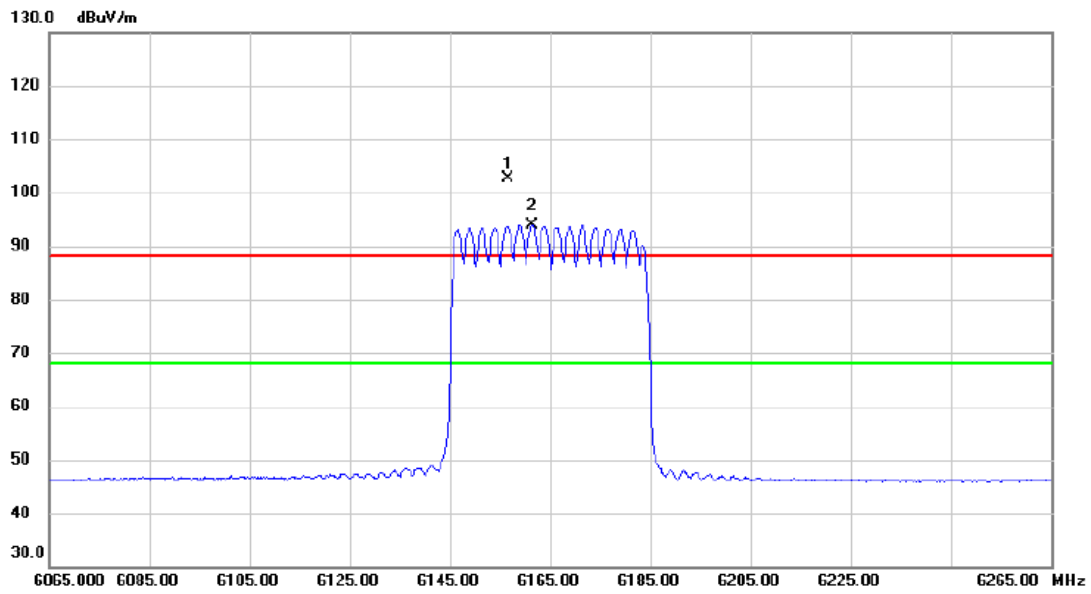


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11928.18	38.31	14.88	53.19	74.00	-20.81	peak	
2	*	11930.77	27.03	14.88	41.91	54.00	-12.09	AVG	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE40) Mode 6165 MHz	Polarization	Vertical
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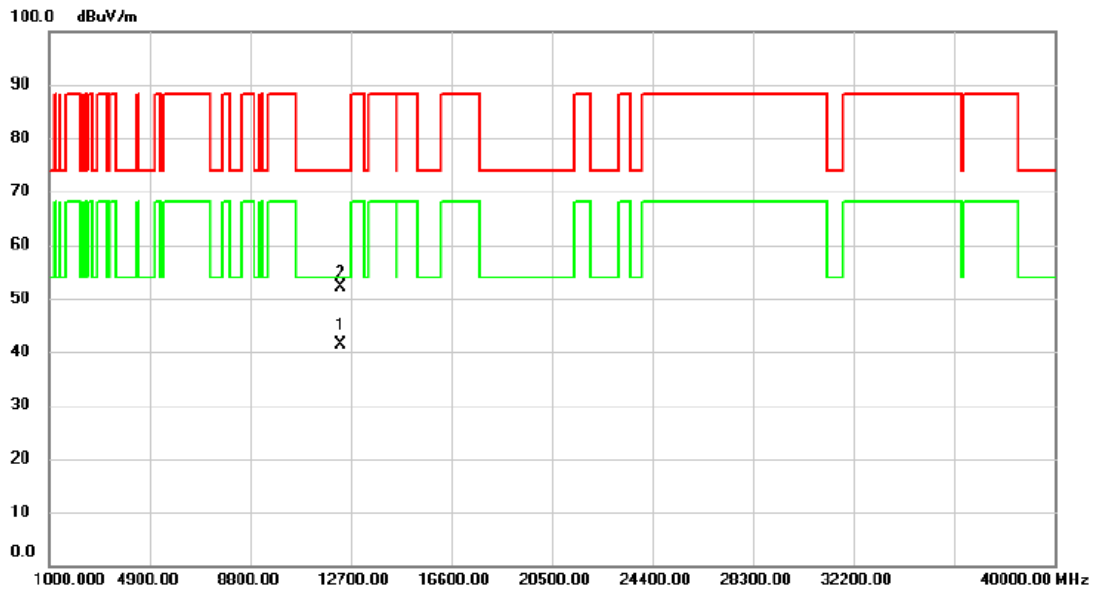


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6156.600	85.16	17.42	102.58	88.20	14.38	peak	No Limit
2	*	6161.400	76.47	17.43	93.90	68.20	25.70	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE40) Mode 6165 MHz	Polarization	Vertical
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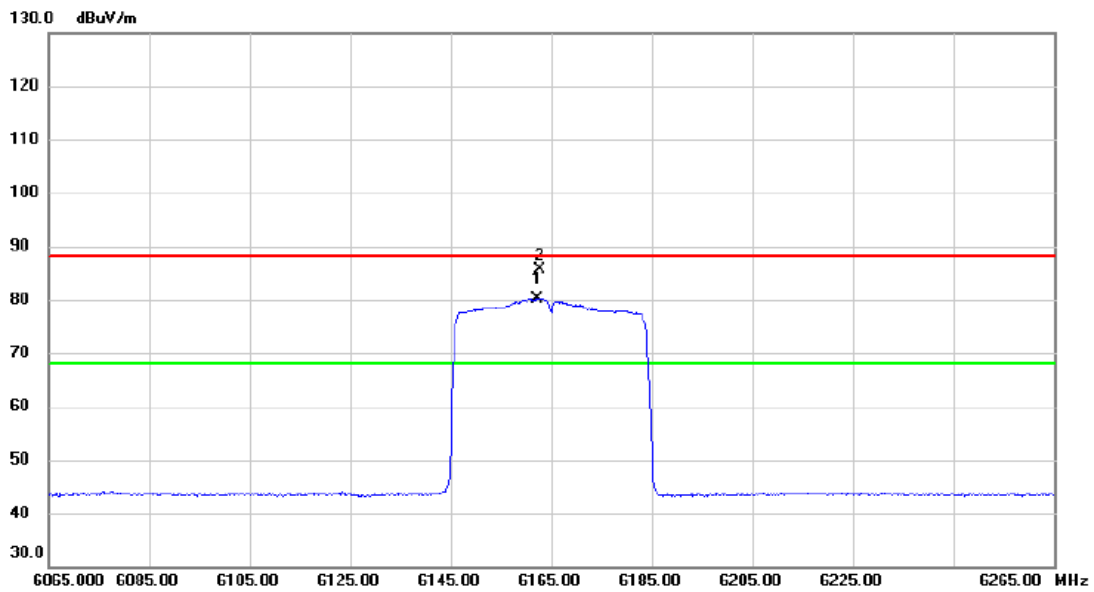


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12327.82	25.95	15.55	41.50	54.00	-12.50	AVG	
2		12329.75	36.47	15.55	52.02	74.00	-21.98	peak	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE40) Mode 6165 MHz	Polarization	Horizontal
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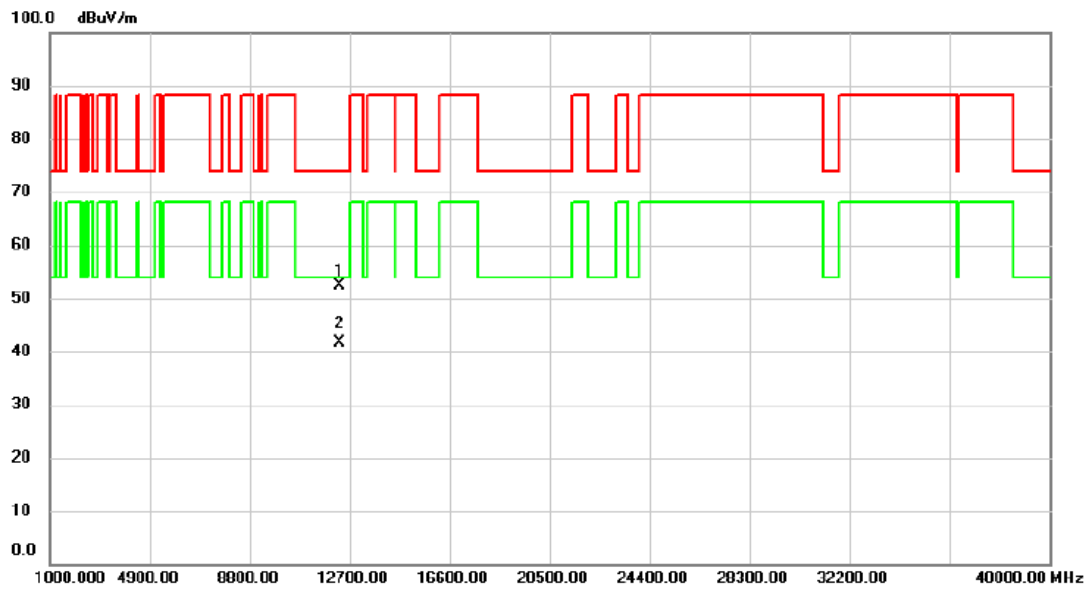


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6162.200	62.69	17.43	80.12	68.20	11.92	AVG	No Limit
2		6162.600	68.15	17.44	85.59	88.20	-2.61	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE40) Mode 6165 MHz	Polarization	Horizontal
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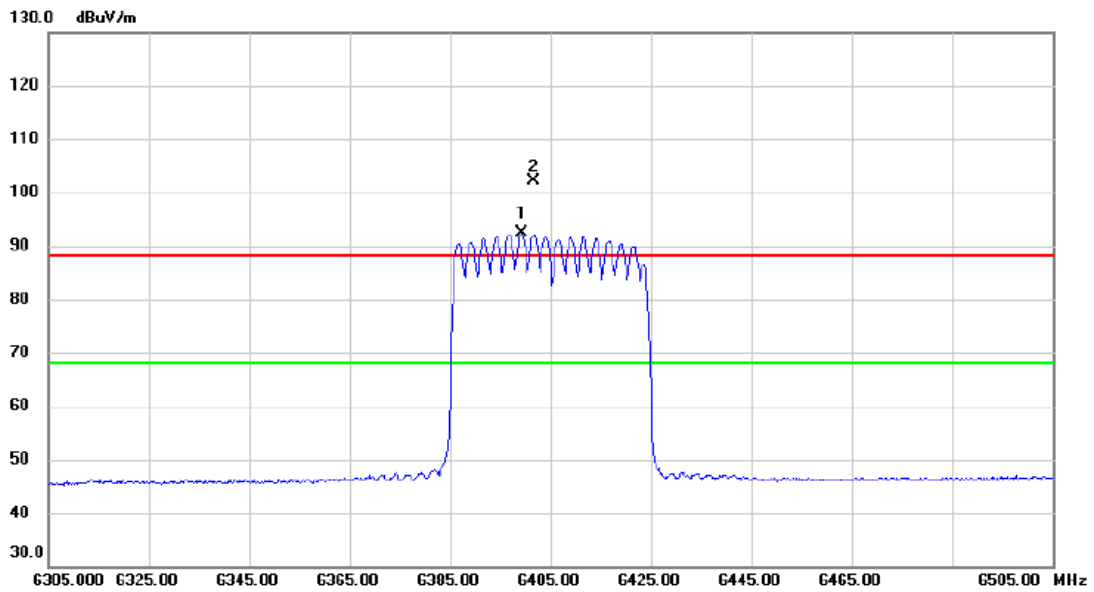


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12331.56	36.93	15.55	52.48	74.00	-21.52	peak	
2	*	12331.84	26.00	15.55	41.55	54.00	-12.45	AVG	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE40) Mode 6405 MHz	Polarization	Vertical
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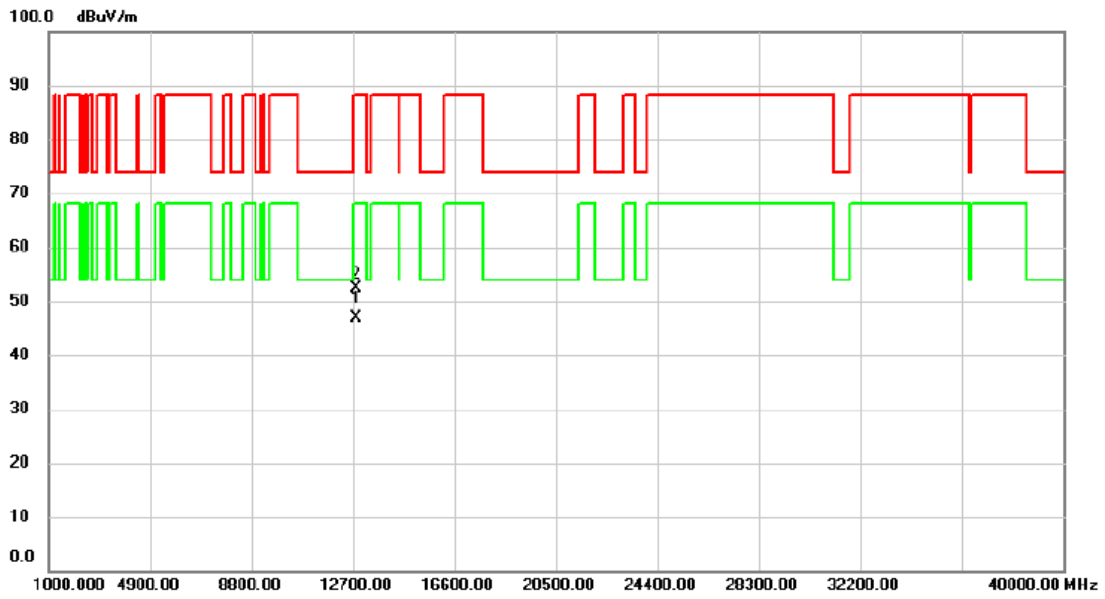
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6399.200	74.36	17.97	92.33	68.20	24.13	AVG	No Limit
2	X	6401.600	84.23	17.97	102.20	88.20	14.00	peak	No Limit

**REMARKS:**

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



Test Mode	UNII-5_TX AX(HE40) Mode 6405 MHz	Polarization	Vertical
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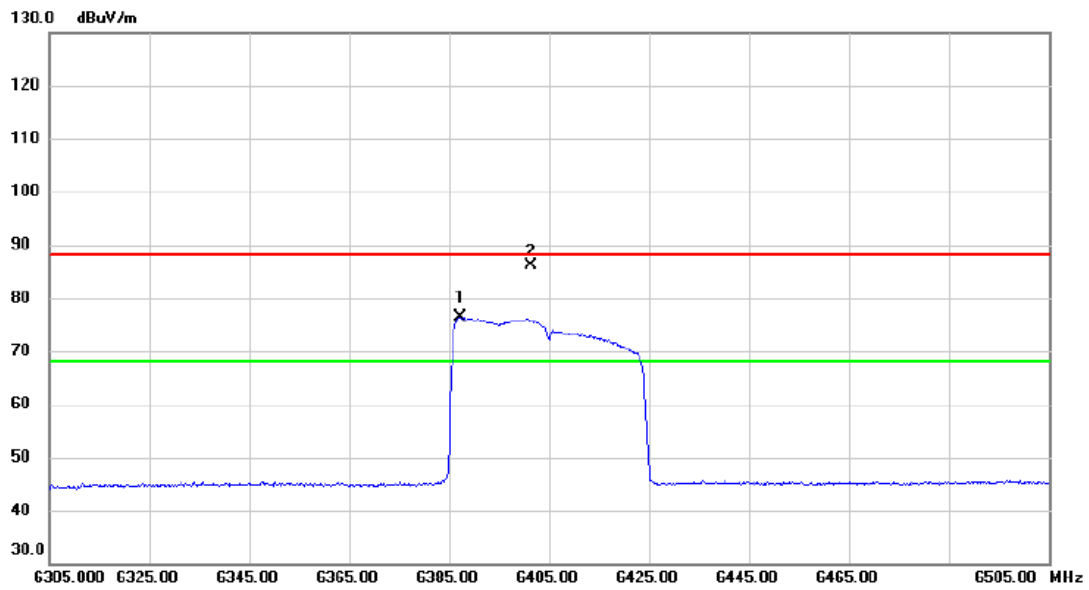


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12807.65	31.04	15.86	46.90	68.20	-21.30	AVG	
2		12810.93	36.63	15.87	52.50	88.20	-35.70	peak	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE40) Mode 6405 MHz	Polarization	Horizontal
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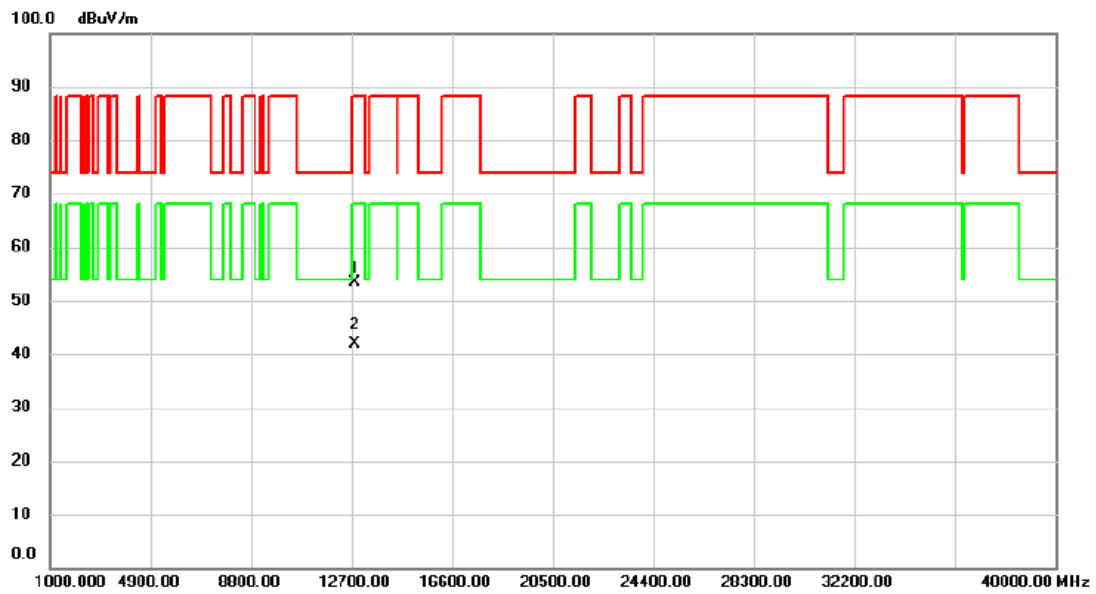


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6387.200	58.46	17.94	76.40	68.20	8.20	AVG	No Limit
2		6401.400	68.12	17.97	86.09	88.20	-2.11	peak	No Limit

REMARKS:

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

Test Mode	UNII-5_TX AX(HE40) Mode 6405 MHz	Polarization	Horizontal
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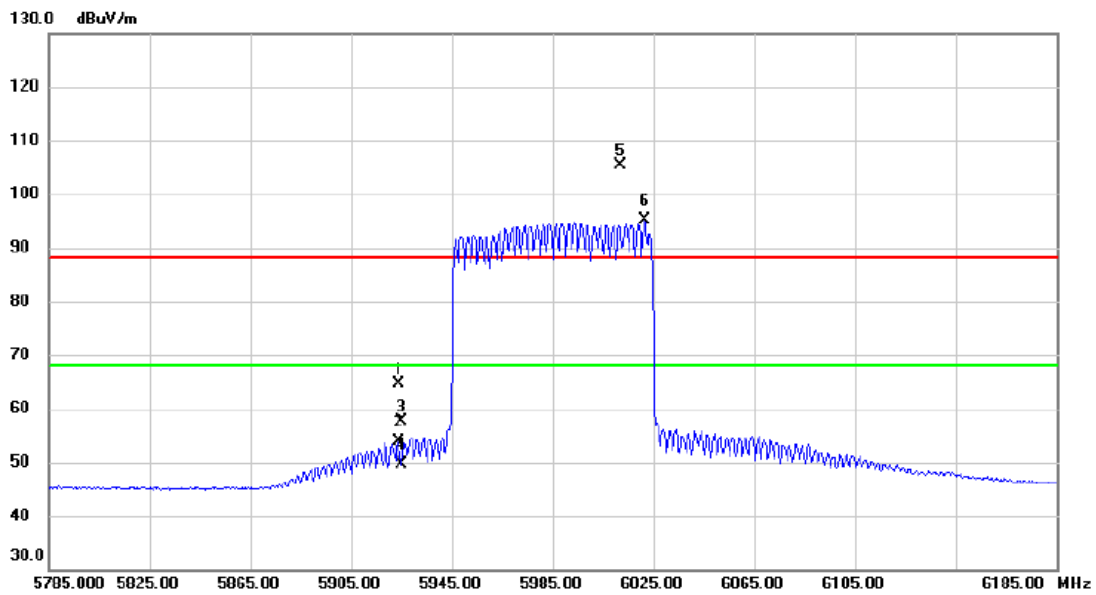


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12807.62	37.58	15.86	53.44	88.20	-34.76	peak	
2	*	12811.44	26.07	15.87	41.94	68.20	-26.26	AVG	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE80) Mode 5985 MHz	Polarization	Vertical
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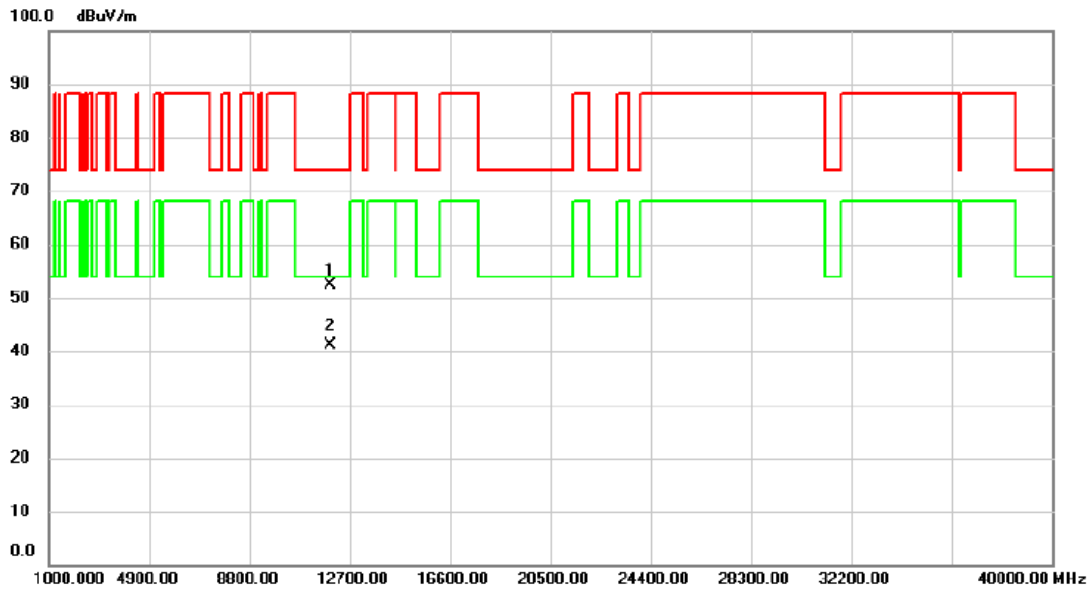


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5923.800	47.61	16.92	64.53	88.20	-23.67	peak	
2		5923.800	37.03	16.92	53.95	68.20	-14.25	AVG	
3		5925.000	40.60	16.92	57.52	88.20	-30.68	peak	
4		5925.000	32.66	16.92	49.58	68.20	-18.62	AVG	
5	X	6011.800	88.31	17.08	105.39	88.20	17.19	peak	No Limit
6	*	6021.400	77.92	17.11	95.03	68.20	26.83	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE80) Mode 5985 MHz	Polarization	Vertical
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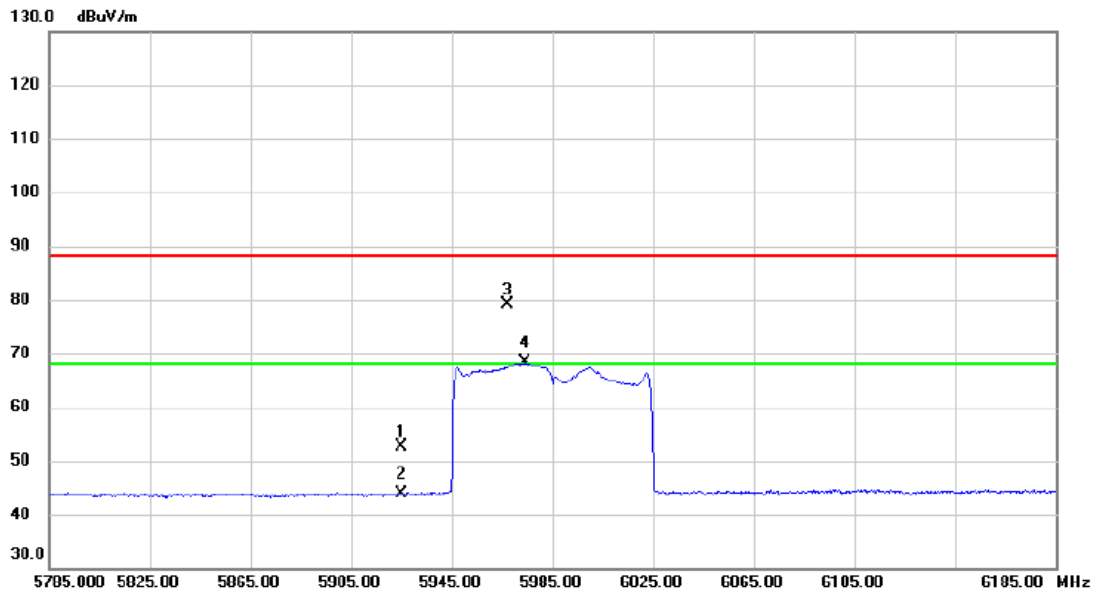


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11970.55	37.41	14.93	52.34	74.00	-21.66	peak	
2	*	11970.92	26.20	14.93	41.13	54.00	-12.87	AVG	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE80) Mode 5985 MHz	Polarization	Horizontal
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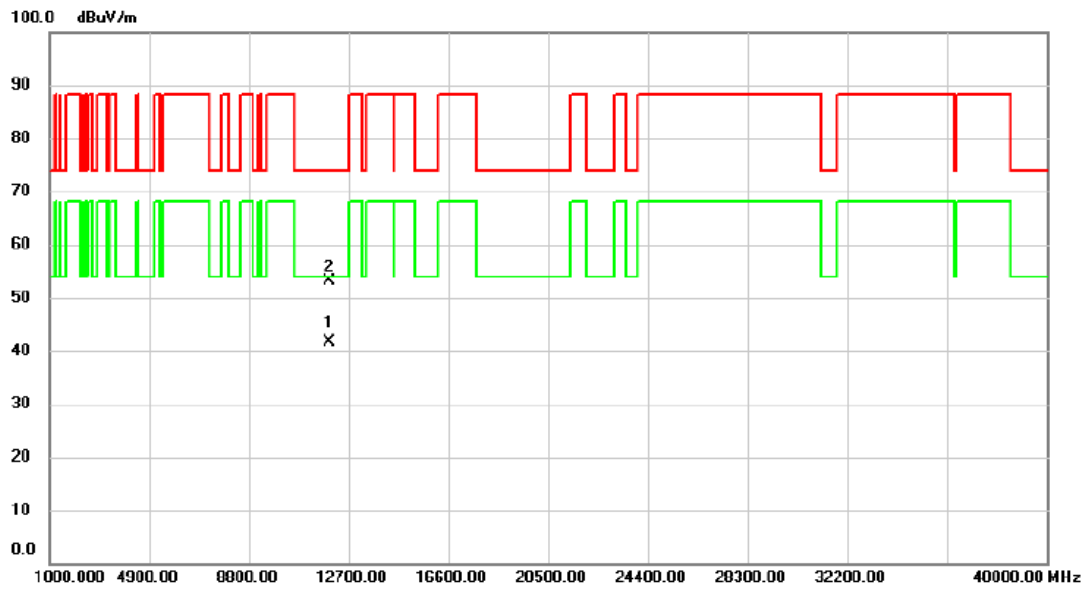


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5925.000	35.74	16.92	52.66	88.20	-35.54	peak	
2		5925.000	27.03	16.92	43.95	68.20	-24.25	AVG	
3		5967.000	62.24	17.00	79.24	88.20	-8.96	peak	No Limit
4	*	5974.200	51.35	17.01	68.36	68.20	0.16	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE80) Mode 5985 MHz	Polarization	Horizontal
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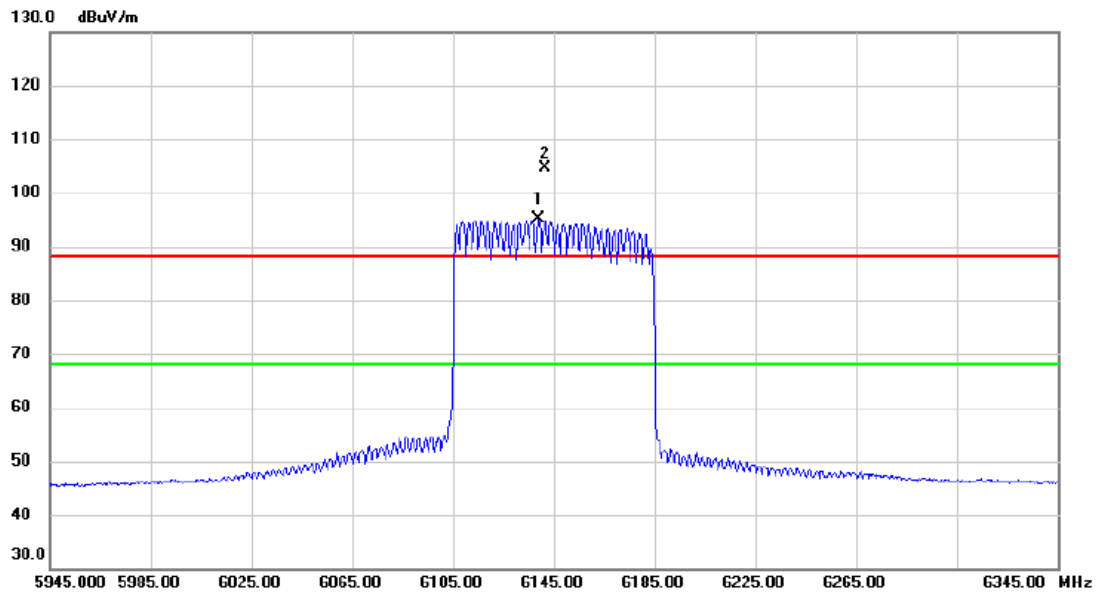


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	11968.36	26.79	14.93	41.72	54.00	-12.28	AVG	
2		11971.02	38.23	14.93	53.16	74.00	-20.84	peak	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE80) Mode 6145 MHz	Polarization	Vertical
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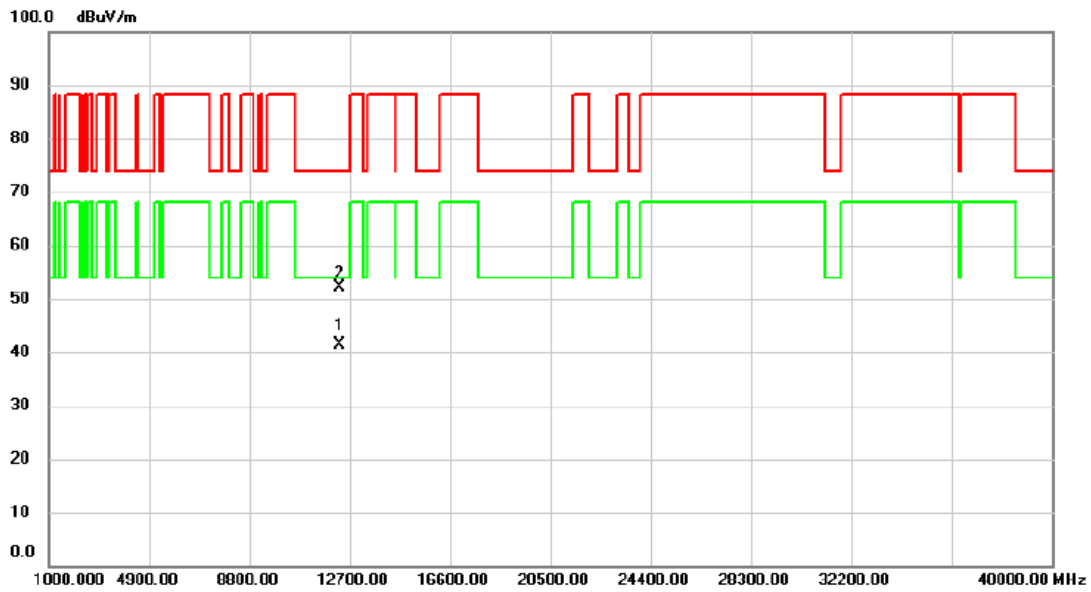
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6139.000	77.67	17.38	95.05	68.20	26.85	AVG	No Limit
2	X	6141.400	87.21	17.38	104.59	88.20	16.39	peak	No Limit

**REMARKS:**

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



Test Mode	UNII-5_TX AX(HE80) Mode 6145 MHz	Polarization	Vertical
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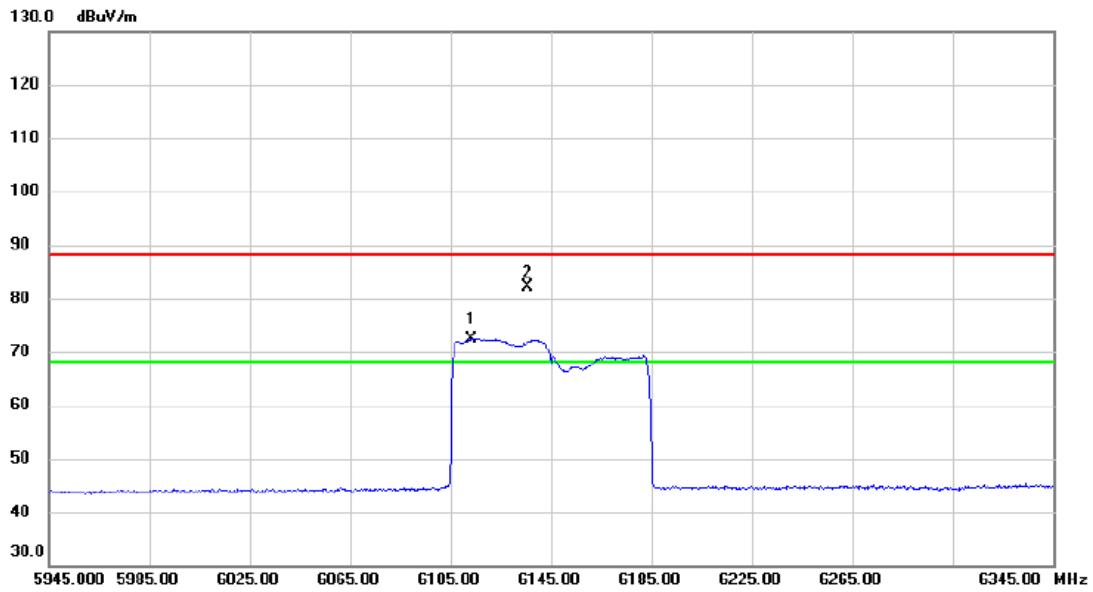


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12287.91	25.92	15.46	41.38	54.00	-12.62	AVG	
2		12291.21	36.61	15.48	52.09	74.00	-21.91	peak	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE80) Mode 6145 MHz	Polarization	Horizontal
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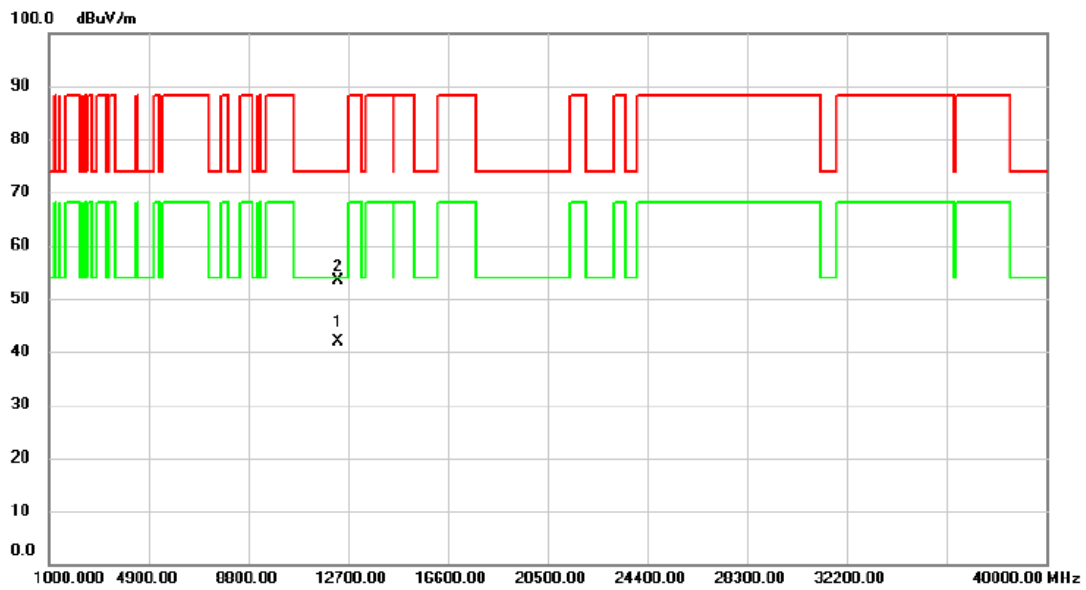


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6113.400	55.07	17.32	72.39	68.20	4.19	AVG	No Limit
2		6135.800	64.89	17.36	82.25	88.20	-5.95	peak	No Limit

REMARKS:

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

Test Mode	UNII-5_TX AX(HE80) Mode 6145 MHz	Polarization	Horizontal
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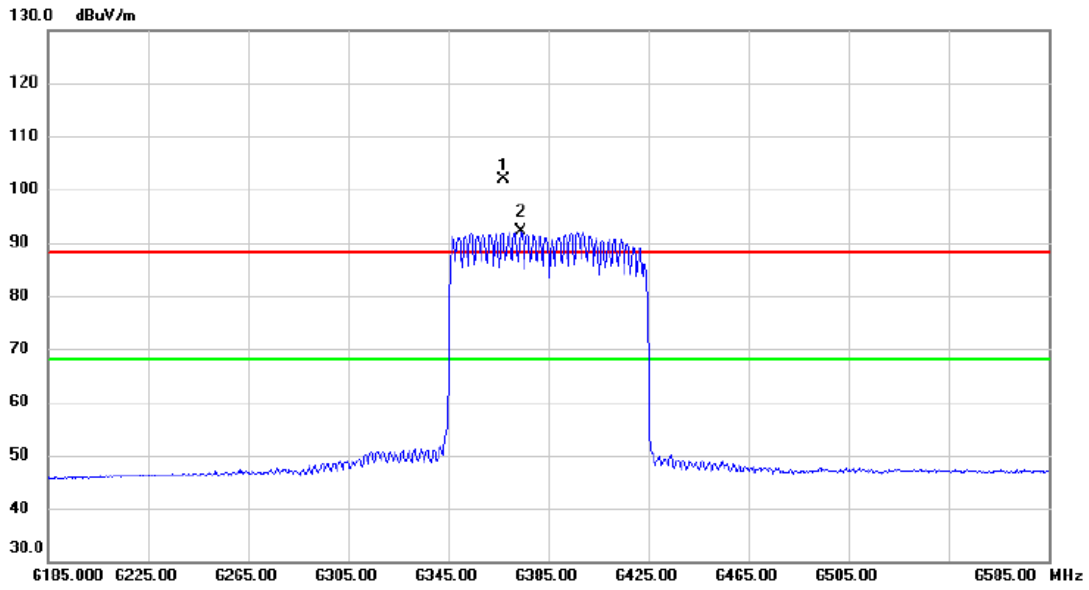


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12291.75	26.32	15.48	41.80	54.00	-12.20	AVG	
2		12292.39	37.90	15.48	53.38	74.00	-20.62	peak	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE80) Mode 6385 MHz	Polarization	Vertical
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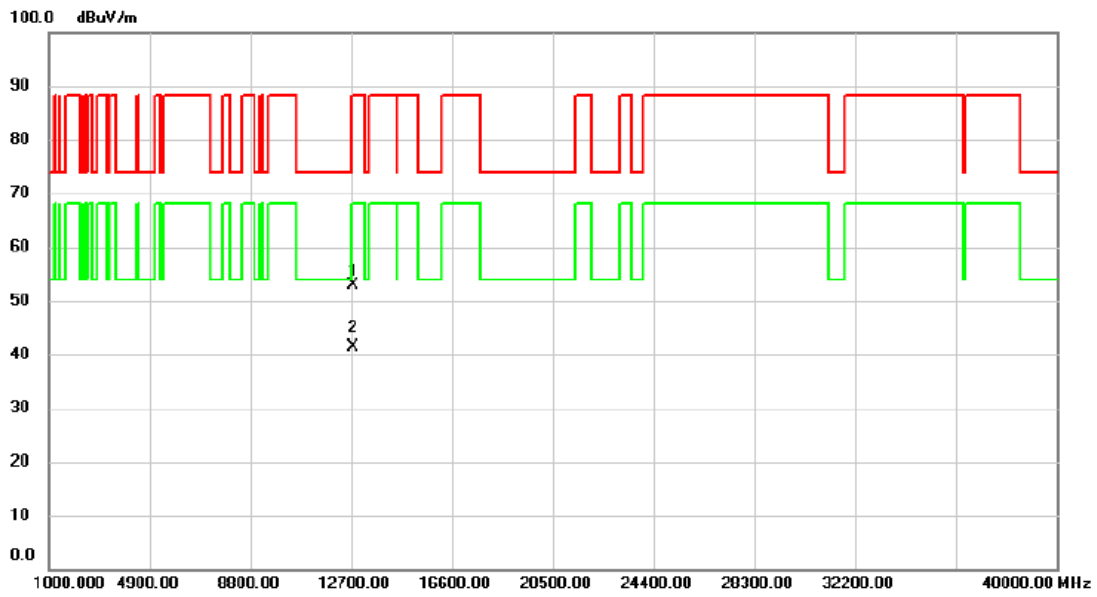


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6367.000	84.02	17.90	101.92	88.20	13.72	peak	No Limit
2	*	6374.200	74.22	17.92	92.14	68.20	23.94	AVG	No Limit

REMARKS:

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

Test Mode	UNII-5_TX AX(HE80) Mode 6385 MHz	Polarization	Vertical
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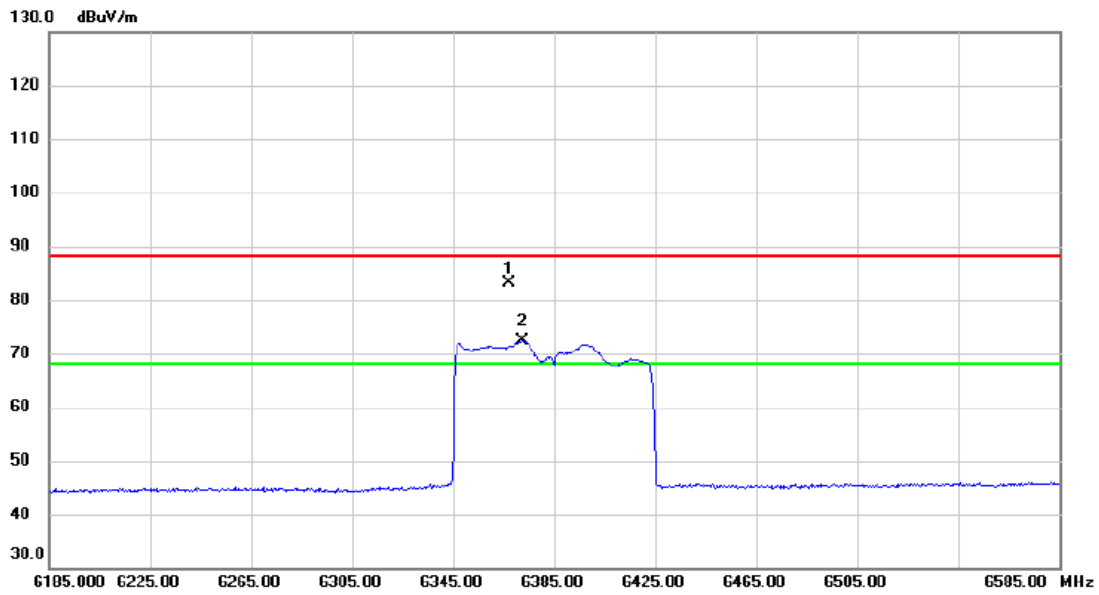


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12767.86	37.05	15.86	52.91	88.20	-35.29	peak	
2	*	12769.90	25.64	15.86	41.50	68.20	-26.70	AVG	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE80) Mode 6385 MHz	Polarization	Horizontal
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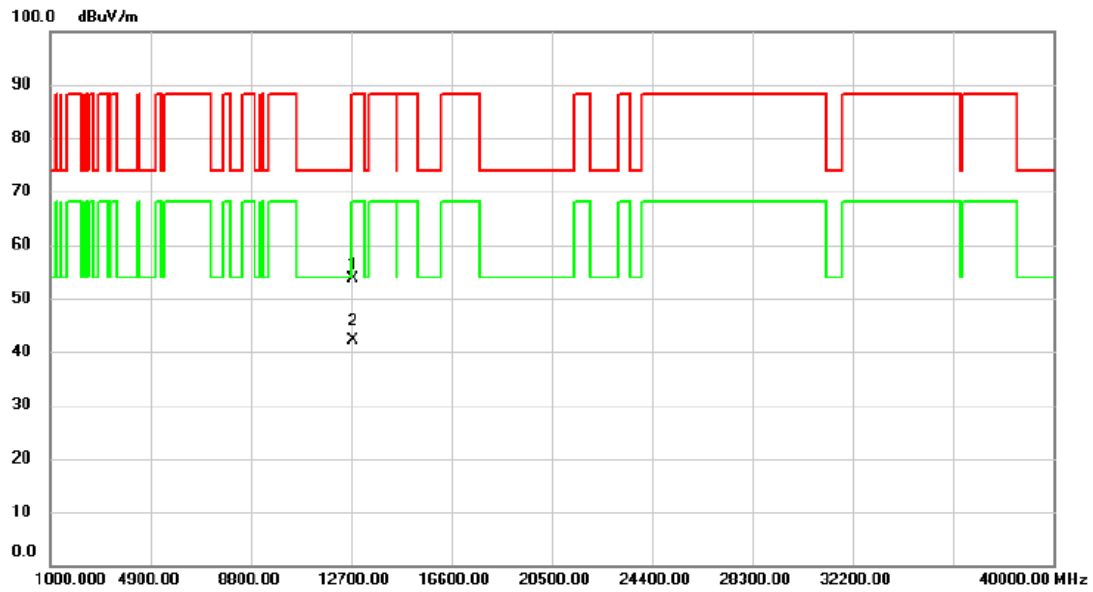
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6367.000	65.24	17.90	83.14	88.20	-5.06	peak	No Limit
2	*	6372.600	54.38	17.92	72.30	68.20	4.10	AVG	No Limit

**REMARKS:**

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

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

Test Mode	UNII-5_TX AX(HE80) Mode 6385 MHz	Polarization	Horizontal
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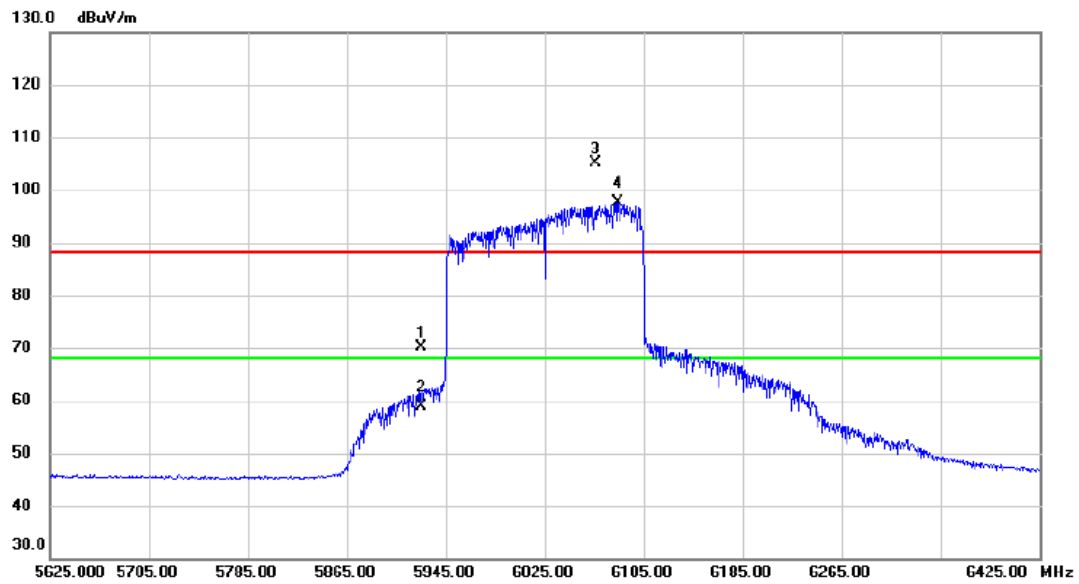


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12768.24	37.75	15.86	53.61	88.20	-34.59	peak	
2	*	12772.25	26.21	15.86	42.07	68.20	-26.13	AVG	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE160) Mode 6025 MHz	Polarization	Vertical
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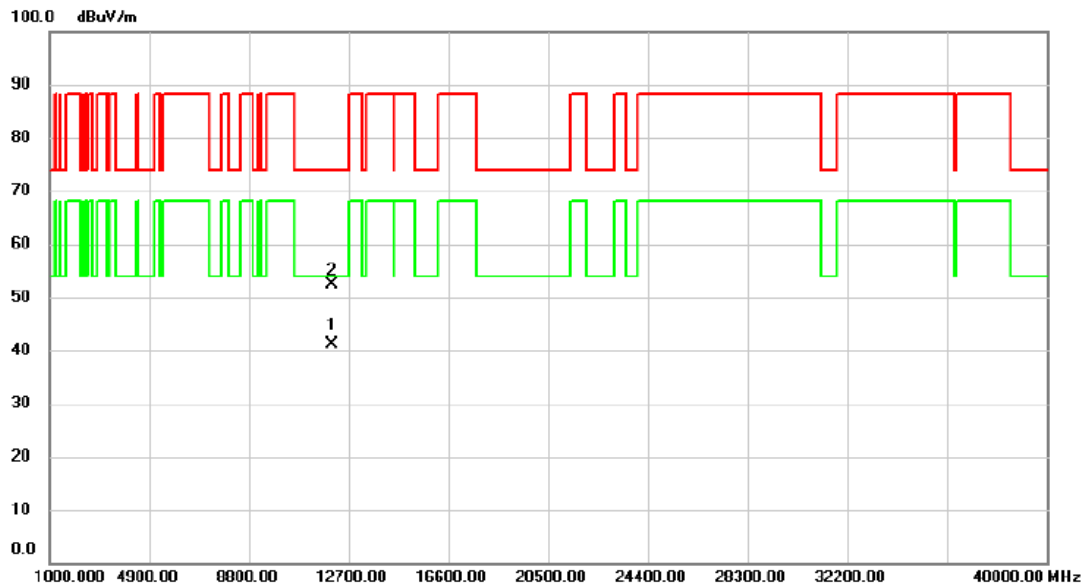
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5925.000	53.16	16.92	70.08	88.20	-18.12	peak	
2		5925.000	42.06	16.92	58.98	68.20	-9.22	AVG	
3	X	6065.800	87.96	17.21	105.17	88.20	16.97	peak	No Limit
4	*	6084.200	80.46	17.25	97.71	68.20	29.51	AVG	No Limit

REMARKS:

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



Test Mode	UNII-5_TX AX(HE160) Mode 6025 MHz	Polarization	Vertical
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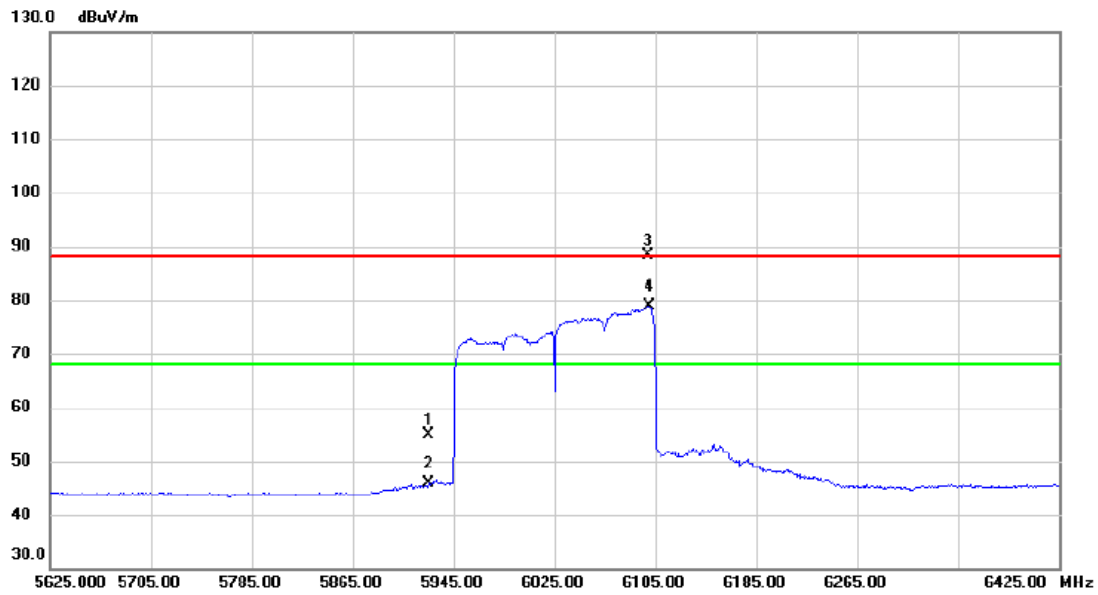


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12051.55	26.11	15.06	41.17	54.00	-12.83	AVG	
2		12051.90	37.27	15.06	52.33	74.00	-21.67	peak	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE160) Mode 6025 MHz	Polarization	Horizontal
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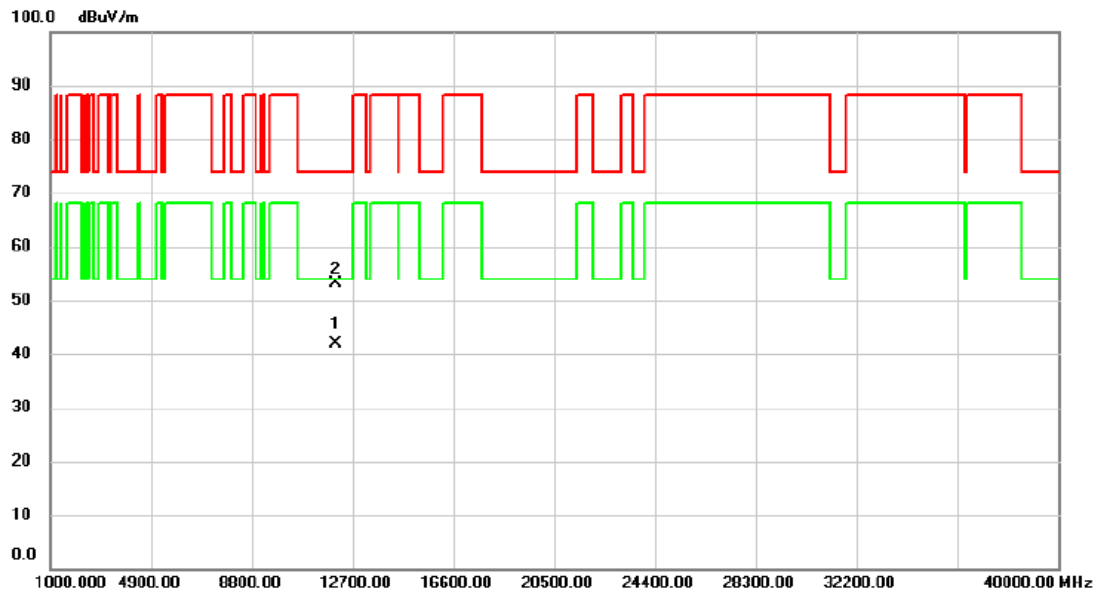
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5925.000	38.04	16.92	54.96	88.20	-33.24	peak	
2		5925.000	28.84	16.92	45.76	68.20	-22.44	AVG	
3	X	6099.400	71.21	17.29	88.50	88.20	0.30	peak	No Limit
4	*	6100.200	61.69	17.29	78.98	68.20	10.78	AVG	No Limit

**REMARKS:**

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

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

Test Mode	UNII-5_TX AX(HE160) Mode 6025 MHz	Polarization	Horizontal
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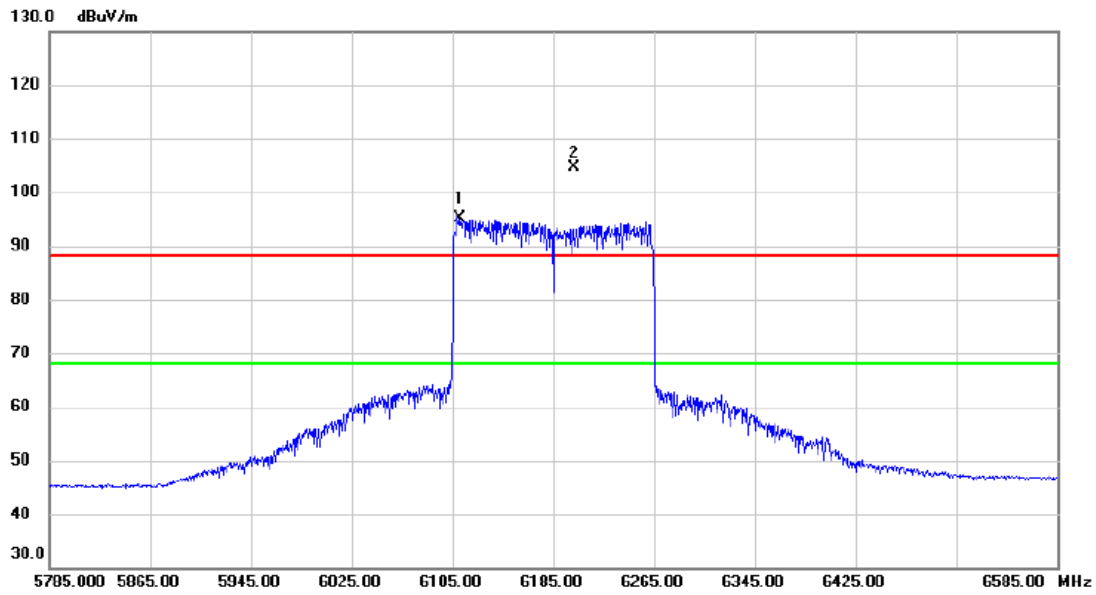


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12048.67	26.72	15.05	41.77	54.00	-12.23	AVG	
2		12051.45	38.11	15.06	53.17	74.00	-20.83	peak	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE160) Mode 6185 MHz	Polarization	Vertical
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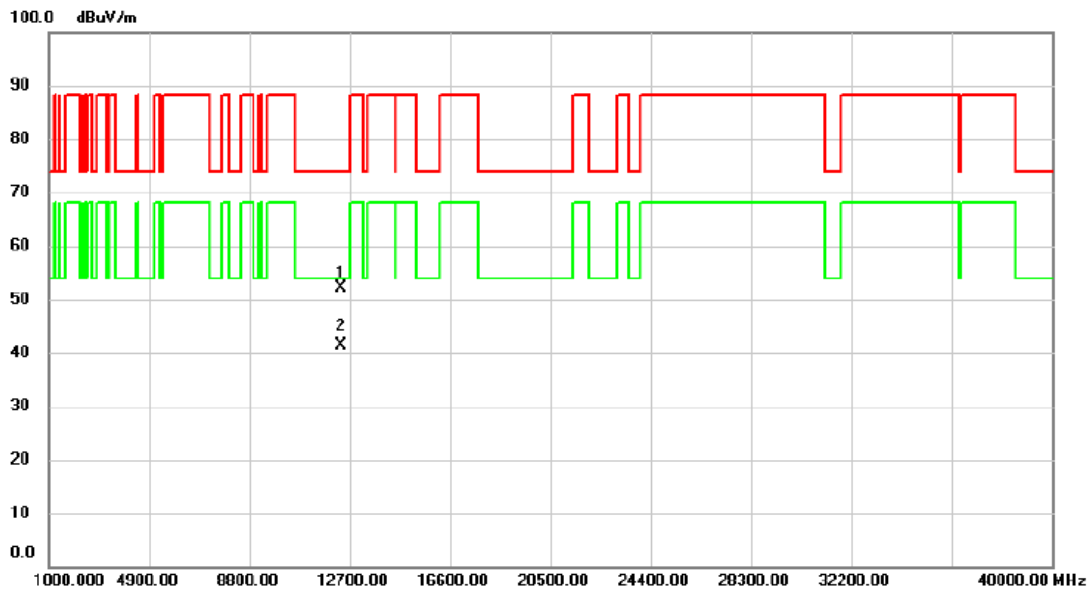


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6111.400	77.78	17.31	95.09	68.20	26.89	AVG	No Limit
2	X	6201.000	87.07	17.52	104.59	88.20	16.39	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE160) Mode 6185 MHz	Polarization	Vertical
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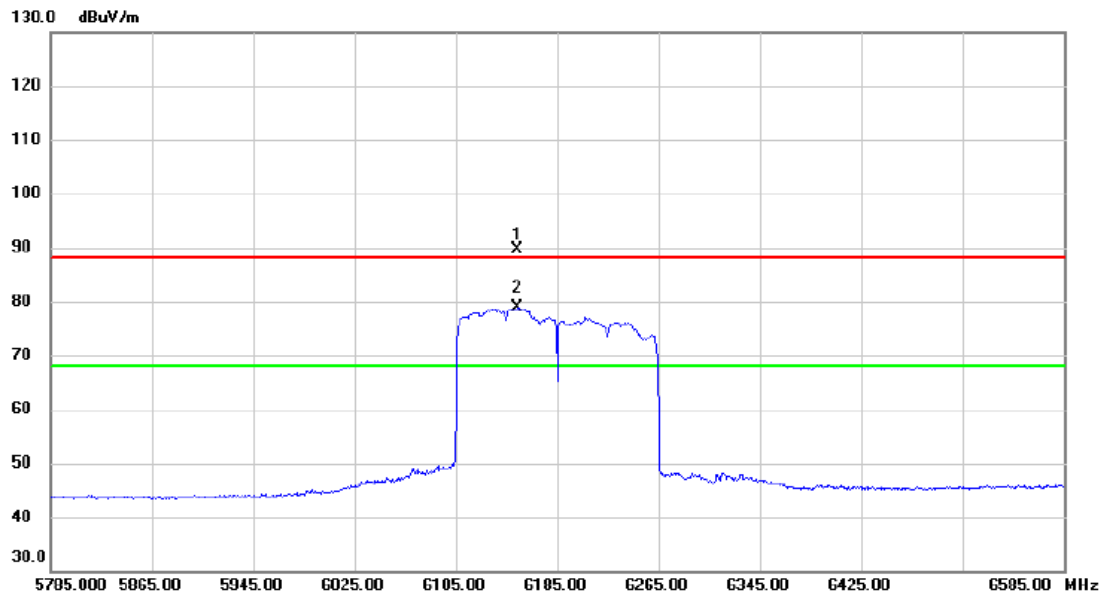


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12369.03	36.43	15.62	52.05	74.00	-21.95	peak	
2	*	12370.49	25.87	15.62	41.49	54.00	-12.51	AVG	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE160) Mode 6185 MHz	Polarization	Horizontal
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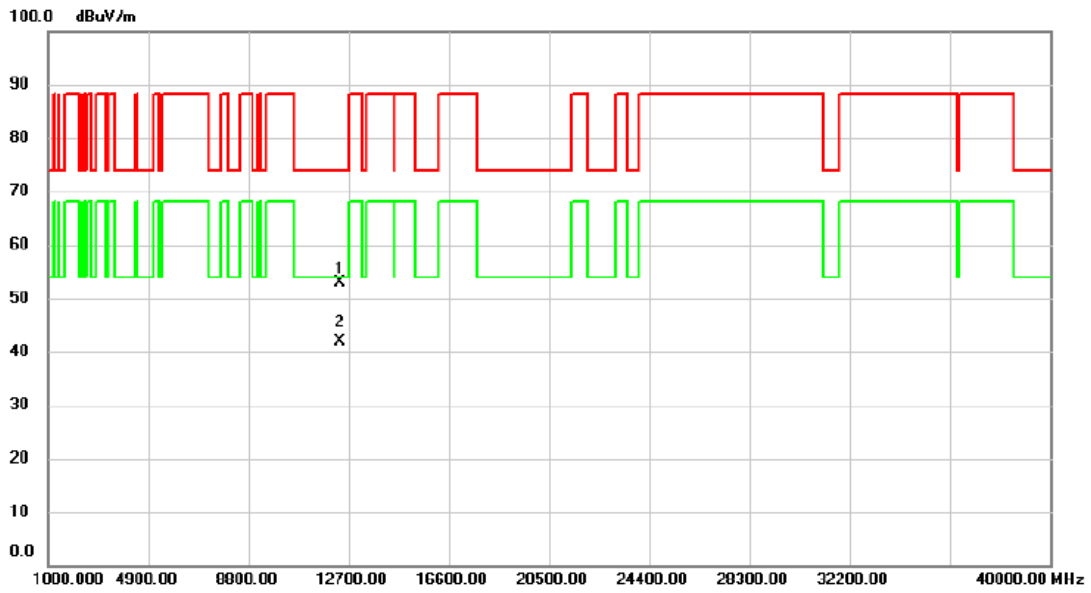


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	X	6153.800	72.26	17.41	89.67	88.20	1.47	peak	No Limit
2	*	6153.800	61.45	17.41	78.86	68.20	10.66	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE160) Mode 6185 MHz	Polarization	Horizontal
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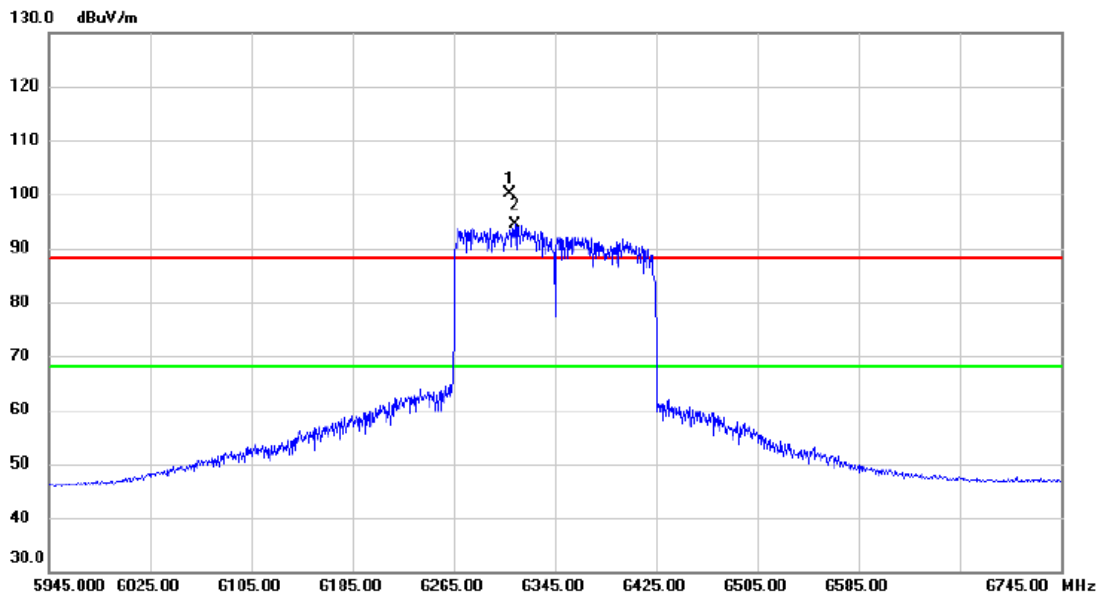


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12368.28	37.17	15.62	52.79	74.00	-21.21	peak	
2	*	12371.23	26.30	15.62	41.92	54.00	-12.08	AVG	

REMARKS:

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

Test Mode	UNII-5_TX AX(HE160) Mode 6345 MHz	Polarization	Vertical
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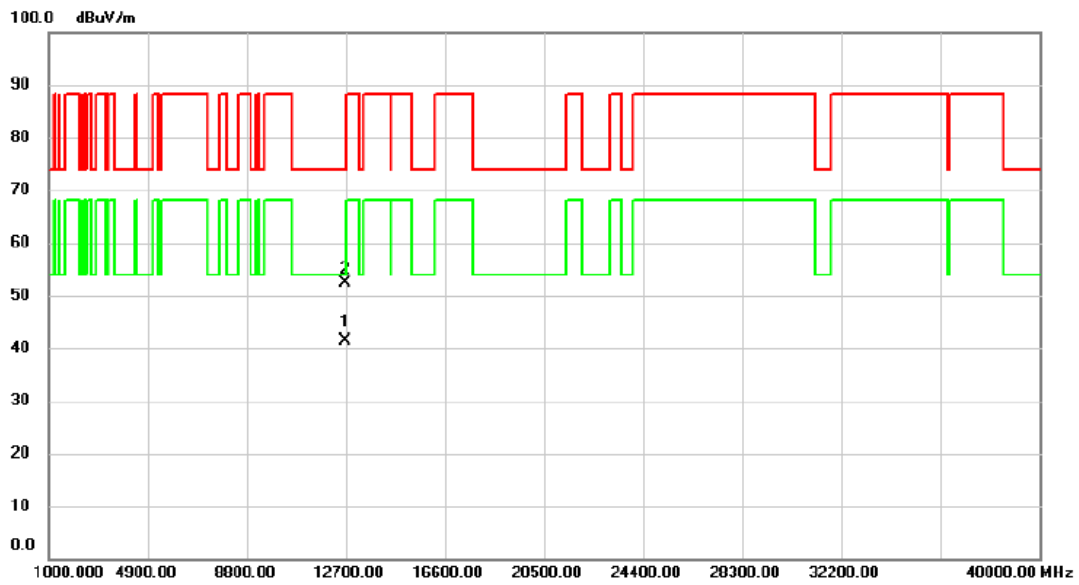
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6309.000	82.47	17.76	100.23	88.20	12.03	peak	No Limit
2	*	6313.800	76.67	17.78	94.45	68.20	26.25	AVG	No Limit

**REMARKS:**

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



Test Mode	UNII-5_TX AX(HE160) Mode 6345 MHz	Polarization	Vertical
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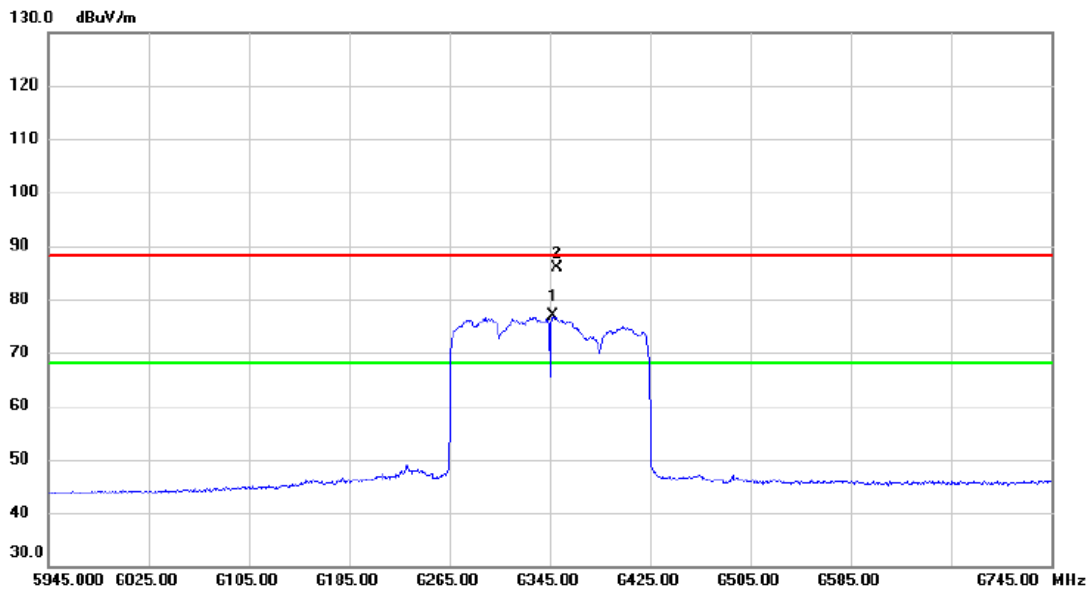


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12688.91	25.55	15.85	41.40	54.00	-12.60	AVG	
2		12689.74	36.54	15.85	52.39	74.00	-21.61	peak	

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE160) Mode 6345 MHz	Polarization	Horizontal
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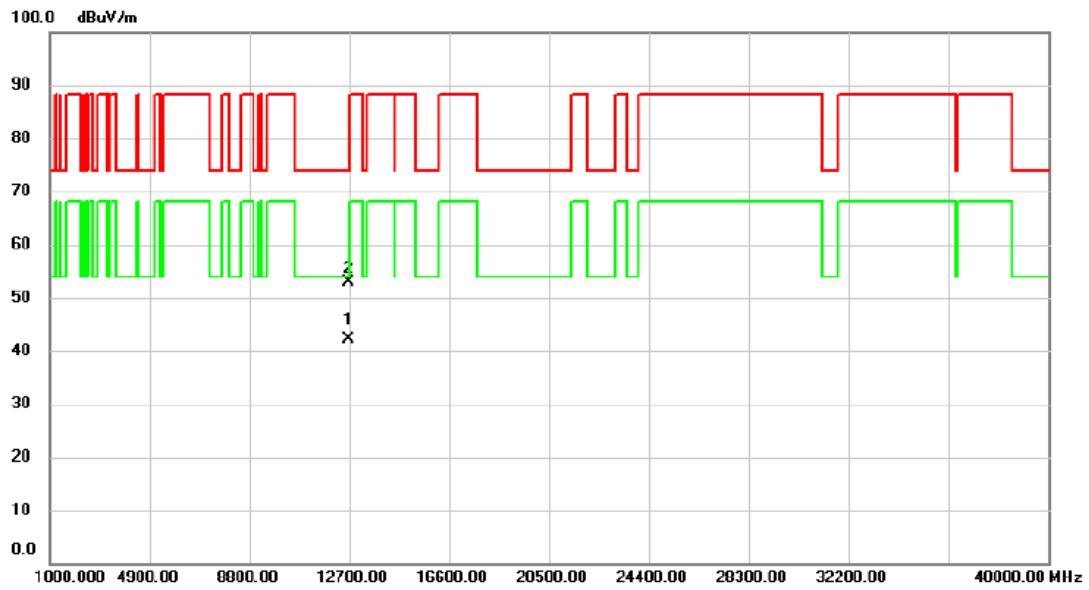


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6347.400	58.98	17.85	76.83	68.20	8.63	AVG	No Limit
2		6350.600	68.13	17.86	85.99	88.20	-2.21	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-5_TX AX(HE160) Mode 6345 MHz	Polarization	Horizontal
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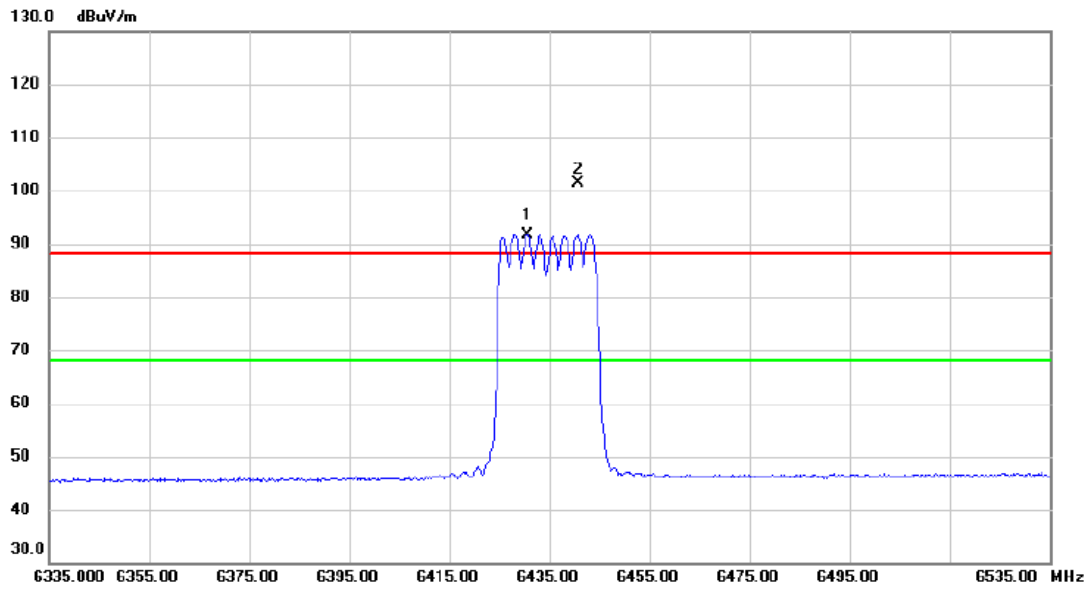


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12690.28	26.25	15.85	42.10	54.00	-11.90	AVG	
2		12690.37	37.04	15.85	52.89	74.00	-21.11	peak	

REMARKS:

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

Test Mode	UNII-6_TX AX(HE20) Mode 6435 MHz	Polarization	Vertical
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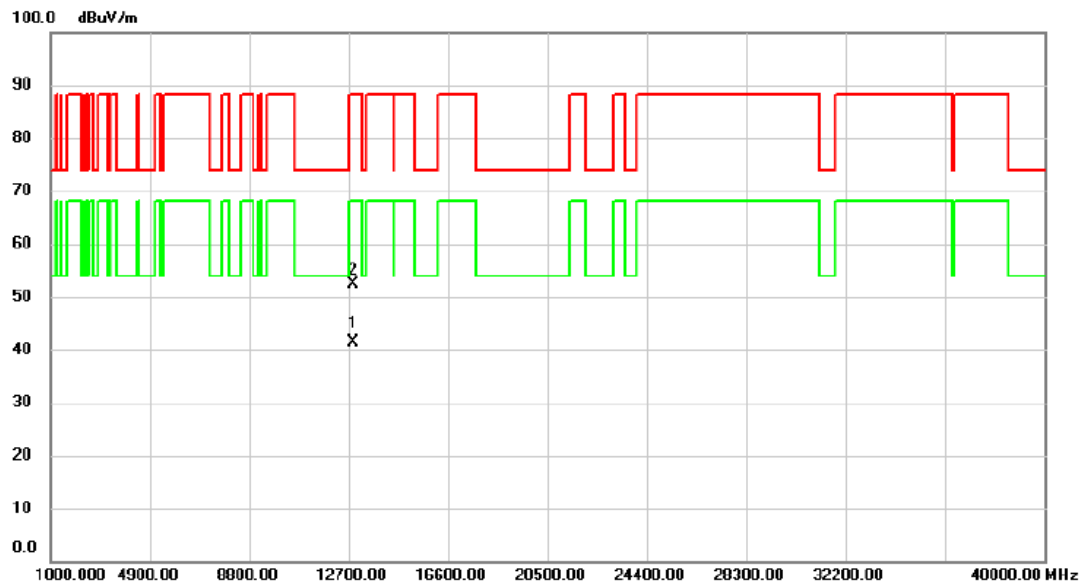


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6430.600	73.65	18.04	91.69	68.20	23.49	AVG	No Limit
2	X	6440.600	83.35	18.06	101.41	88.20	13.21	peak	No Limit

REMARKS:

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

Test Mode	UNII-6_TX AX(HE20) Mode 6435 MHz	Polarization	Vertical
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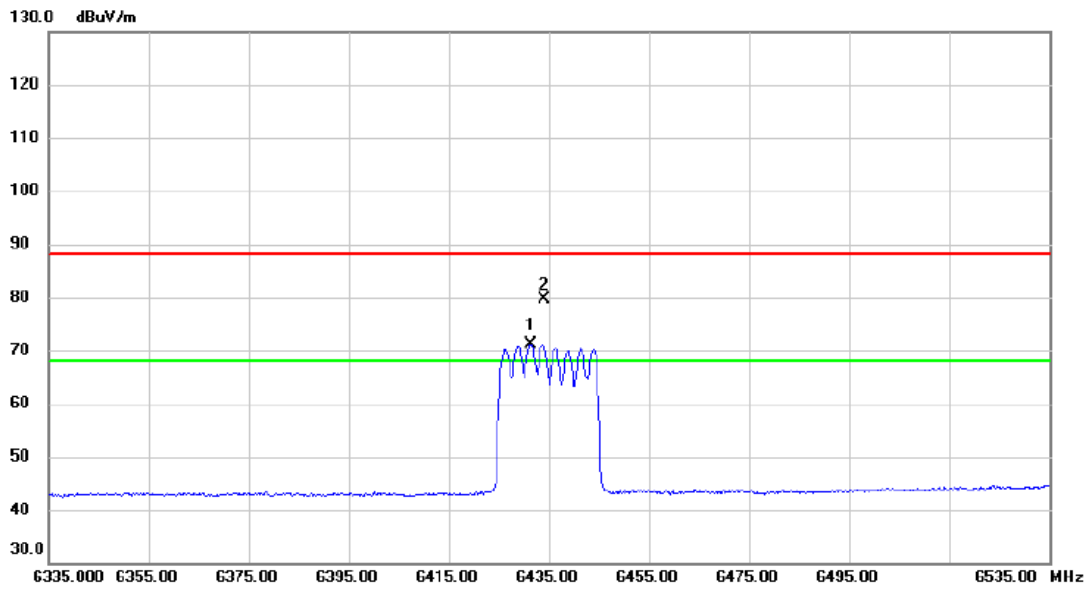


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12867.98	25.60	15.88	41.48	68.20	-26.72	AVG	
2		12870.07	36.53	15.87	52.40	88.20	-35.80	peak	

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE20) Mode 6435 MHz	Polarization	Horizontal
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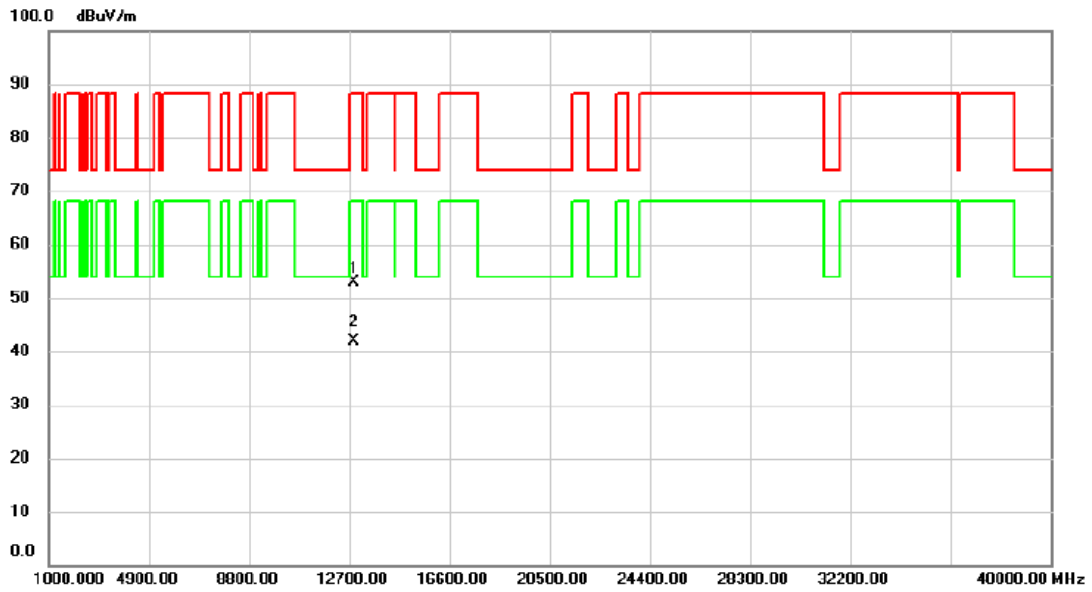


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6431.400	53.10	18.04	71.14	68.20	2.94	AVG	No Limit
2		6434.000	61.51	18.05	79.56	88.20	-8.64	peak	No Limit

REMARKS:

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

Test Mode	UNII-6_TX AX(HE20) Mode 6435 MHz	Polarization	Horizontal
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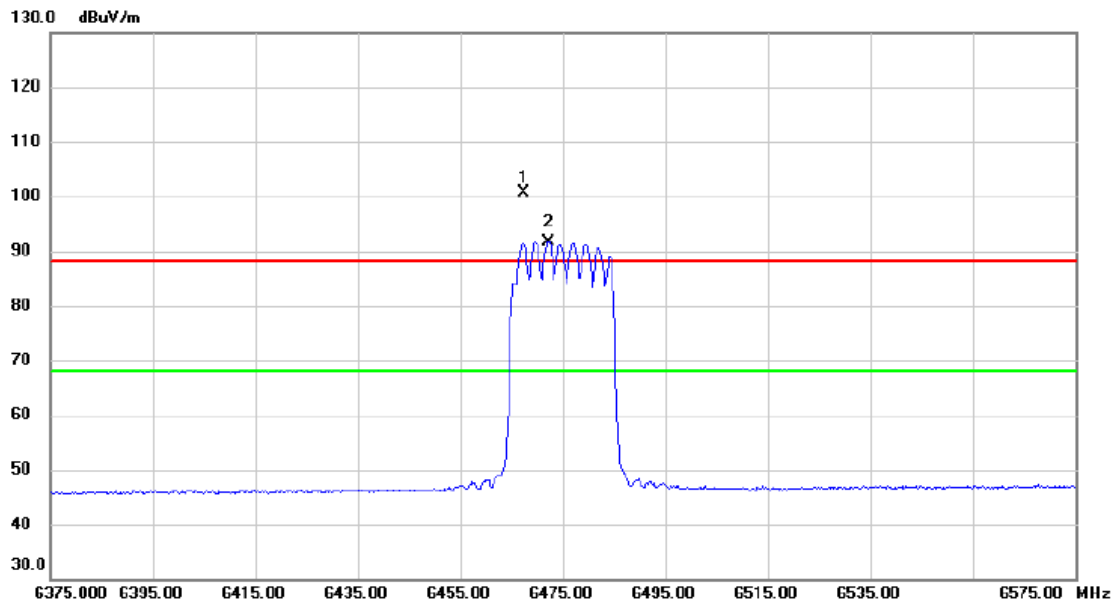


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12869.21	36.92	15.88	52.80	88.20	-35.40	peak	
2	*	12871.33	26.12	15.87	41.99	68.20	-26.21	AVG	

REMARKS:

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

Test Mode	UNII-6_TX AX(HE20) Mode 6475 MHz	Polarization	Vertical
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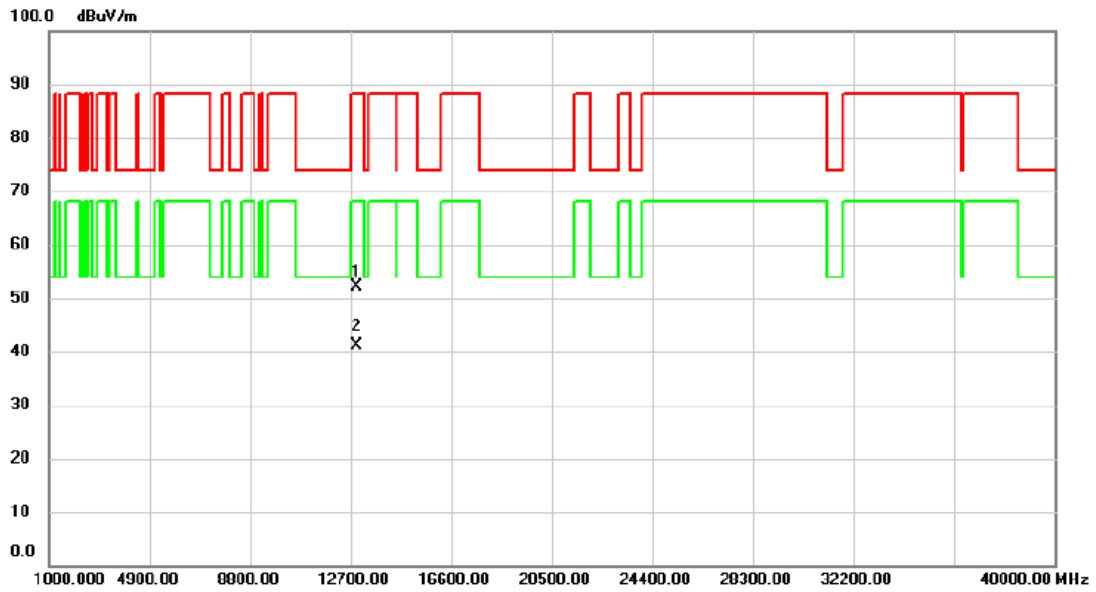
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6467.400	82.38	18.13	100.51	88.20	12.31	peak	No Limit
2	*	6472.200	73.49	18.14	91.63	68.20	23.43	AVG	No Limit

**REMARKS:**

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



Test Mode	UNII-6_TX AX(HE20) Mode 6475 MHz	Polarization	Vertical
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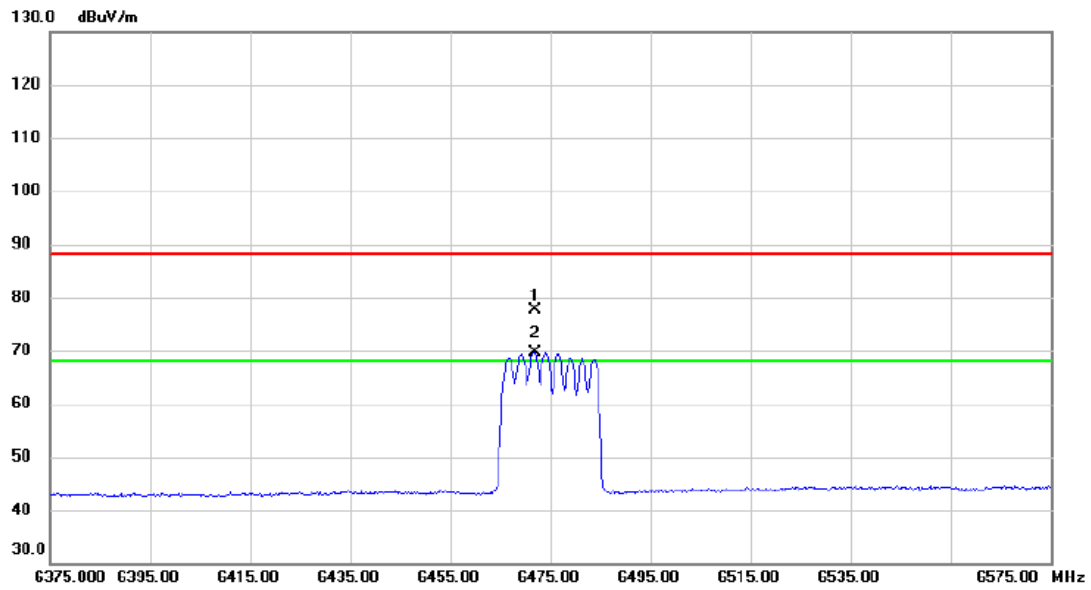


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12948.82	36.19	15.87	52.06	88.20	-36.14	peak	
2	*	12949.47	25.21	15.87	41.08	68.20	-27.12	AVG	

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE20) Mode 6475 MHz	Polarization	Horizontal
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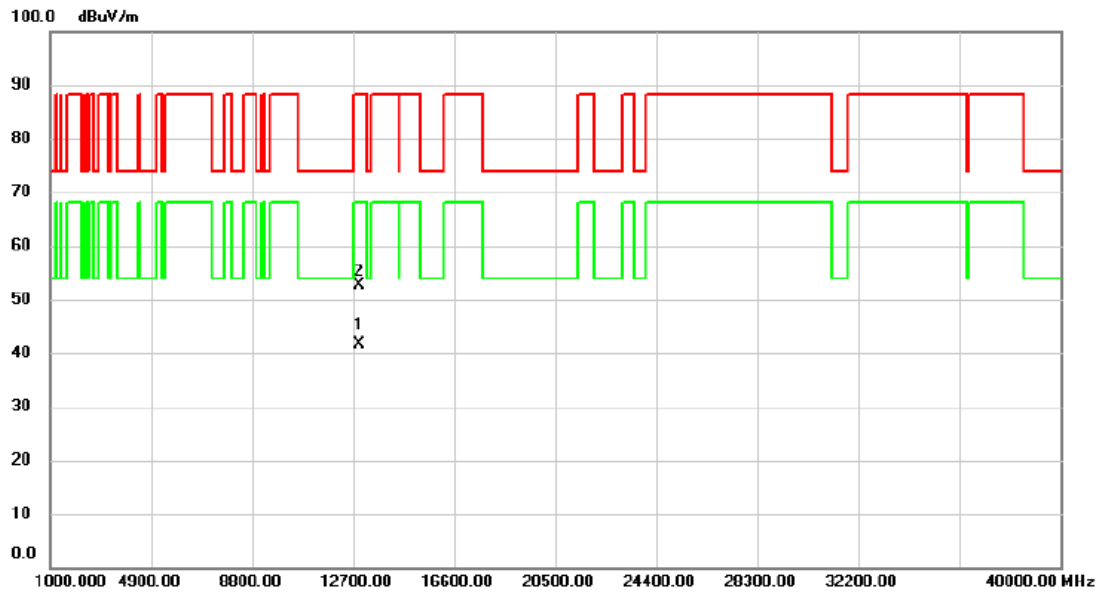


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6471.800	59.56	18.14	77.70	88.20	-10.50	peak	No Limit
2	*	6471.800	51.52	18.14	69.66	68.20	1.46	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE20) Mode 6475 MHz	Polarization	Horizontal
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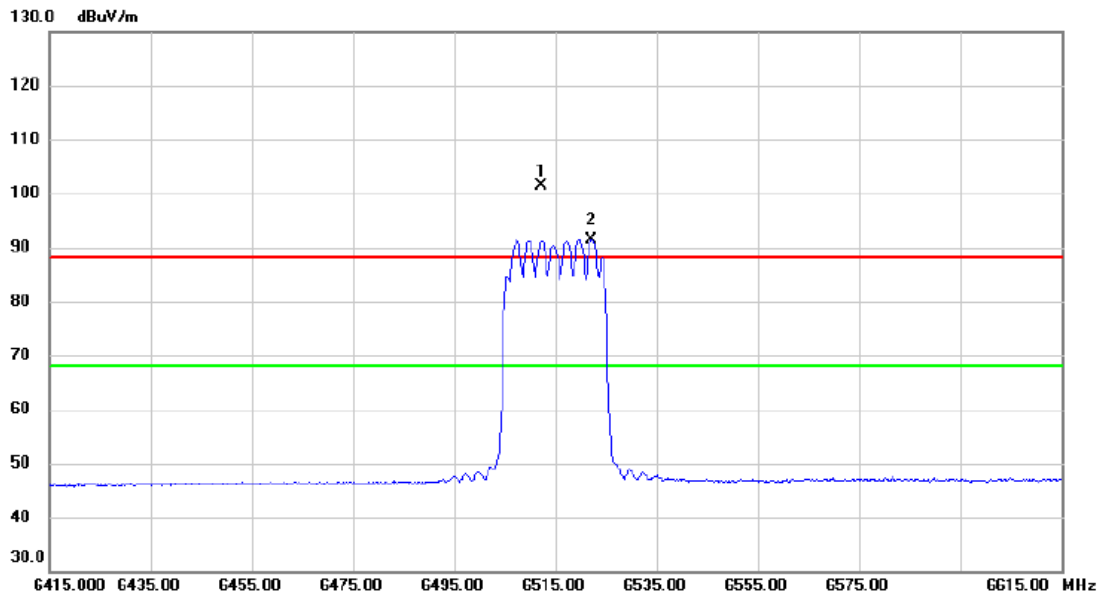


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12950.59	25.80	15.88	41.68	68.20	-26.52	AVG	
2		12952.03	36.75	15.88	52.63	88.20	-35.57	peak	

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE20) Mode 6515 MHz	Polarization	Vertical
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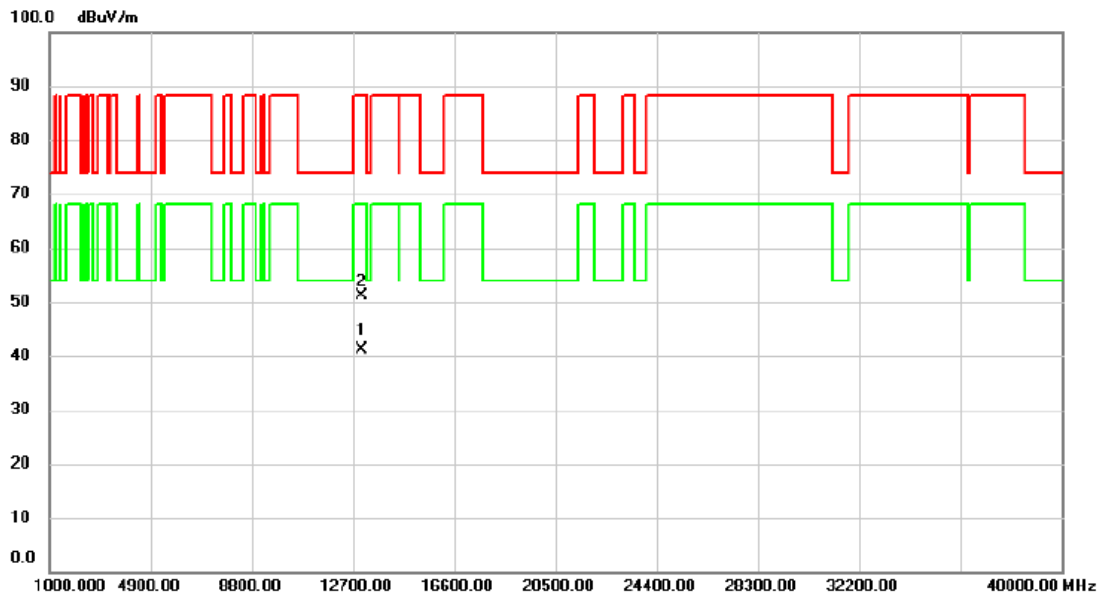


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6512.200	83.08	18.23	101.31	88.20	13.11	peak	No Limit
2	*	6522.200	73.11	18.26	91.37	68.20	23.17	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE20) Mode 6515 MHz	Polarization	Vertical
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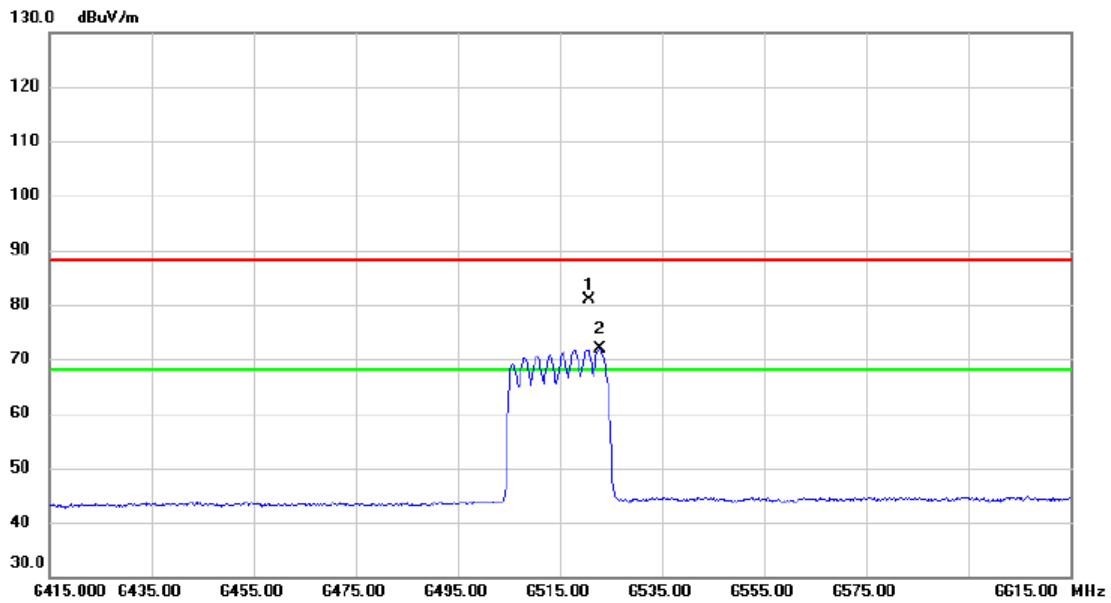


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13028.43	25.21	15.93	41.14	68.20	-27.06	AVG	
2		13031.62	35.23	15.93	51.16	88.20	-37.04	peak	

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE20) Mode 6515 MHz	Polarization	Horizontal
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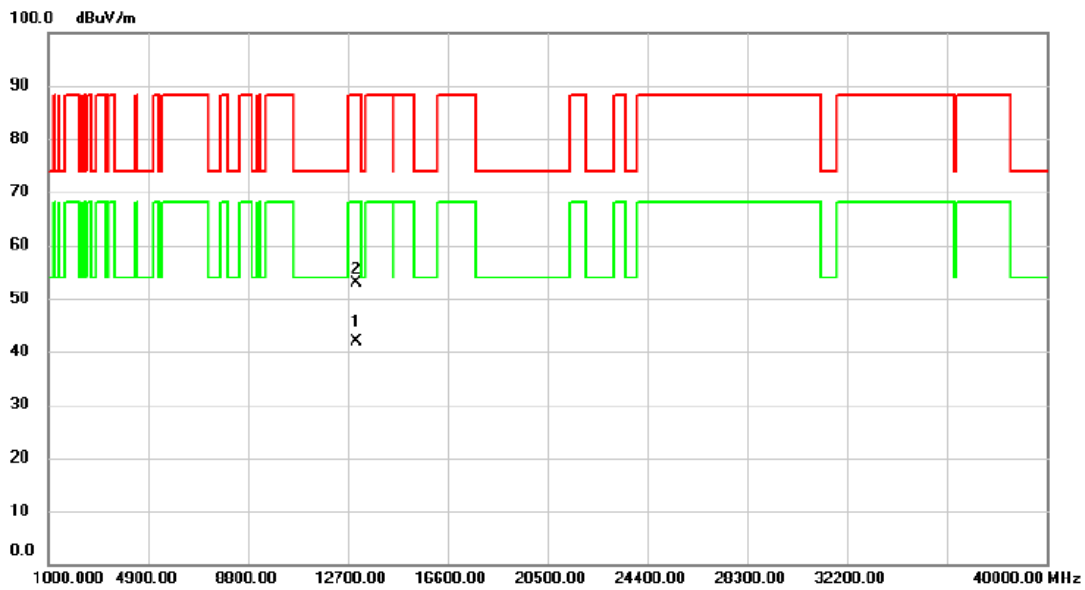


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6520.800	62.50	18.26	80.76	88.20	-7.44	peak	No Limit
2	*	6522.800	53.56	18.27	71.83	68.20	3.63	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE20) Mode 6515 MHz	Polarization	Horizontal
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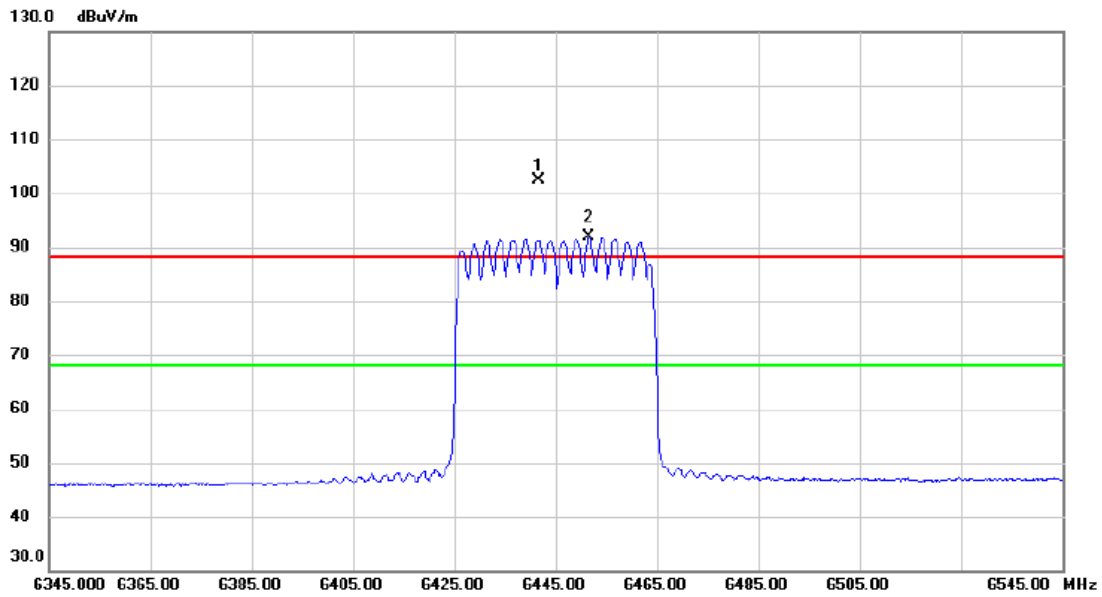


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13028.70	25.85	15.93	41.78	68.20	-26.42	AVG	
2		13030.35	37.01	15.93	52.94	88.20	-35.26	peak	

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE40) Mode 6445 MHz	Polarization	Vertical
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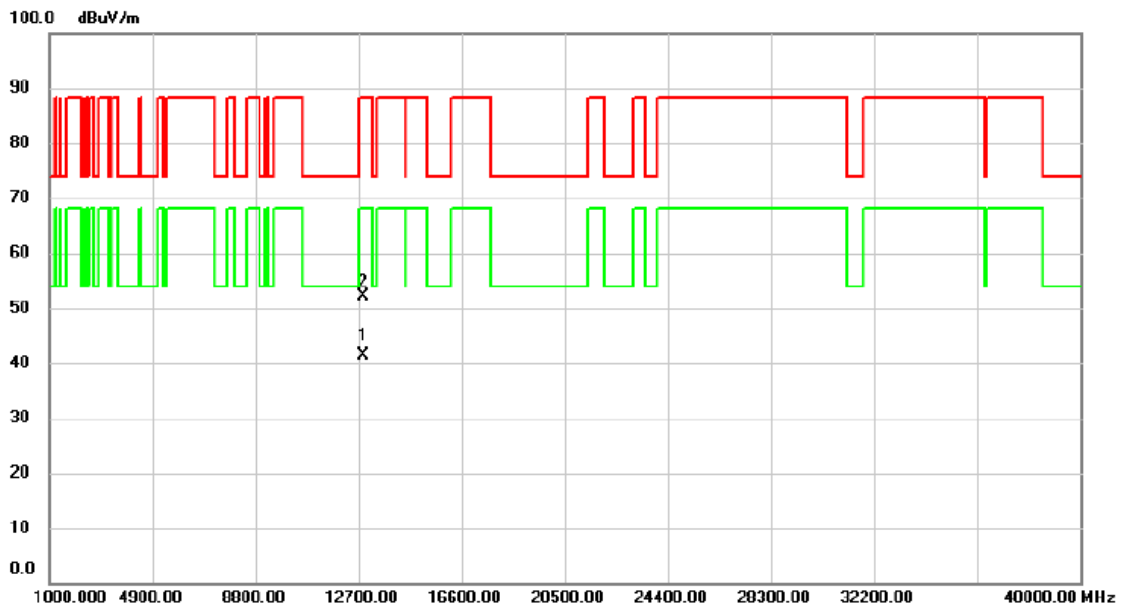
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6441.600	84.37	18.06	102.43	88.20	14.23	peak	No Limit
2	*	6451.600	73.68	18.09	91.77	68.20	23.57	AVG	No Limit

REMARKS:

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



Test Mode	UNII-6_TX AX(HE40) Mode 6445 MHz	Polarization	Vertical
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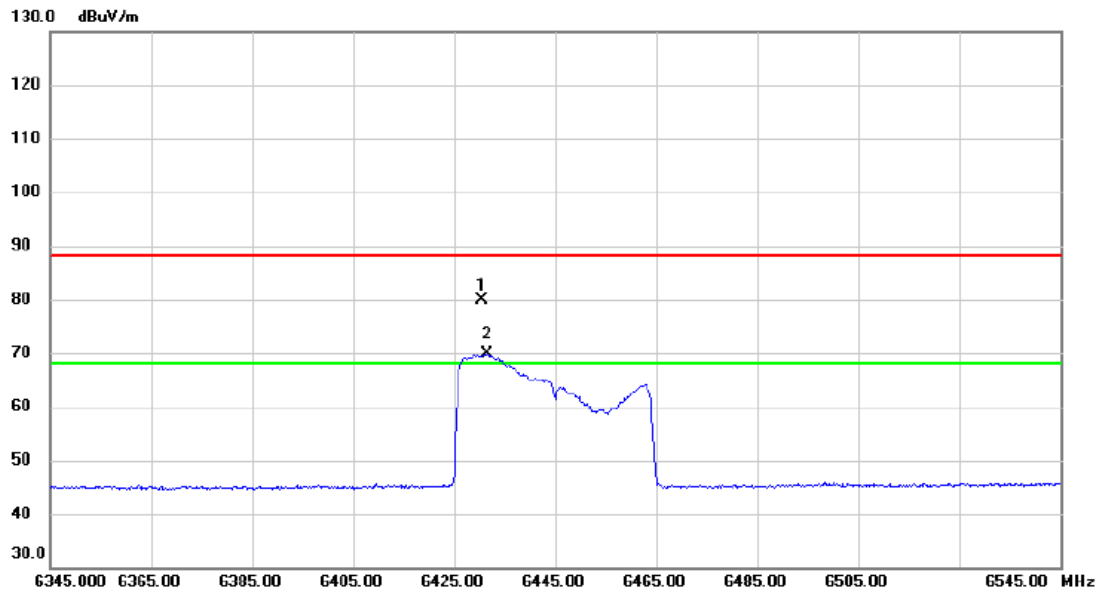


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12888.46	25.43	15.87	41.30	68.20	-26.90	AVG	
2		12888.48	36.26	15.87	52.13	88.20	-36.07	peak	

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE40) Mode 6445 MHz	Polarization	Horizontal
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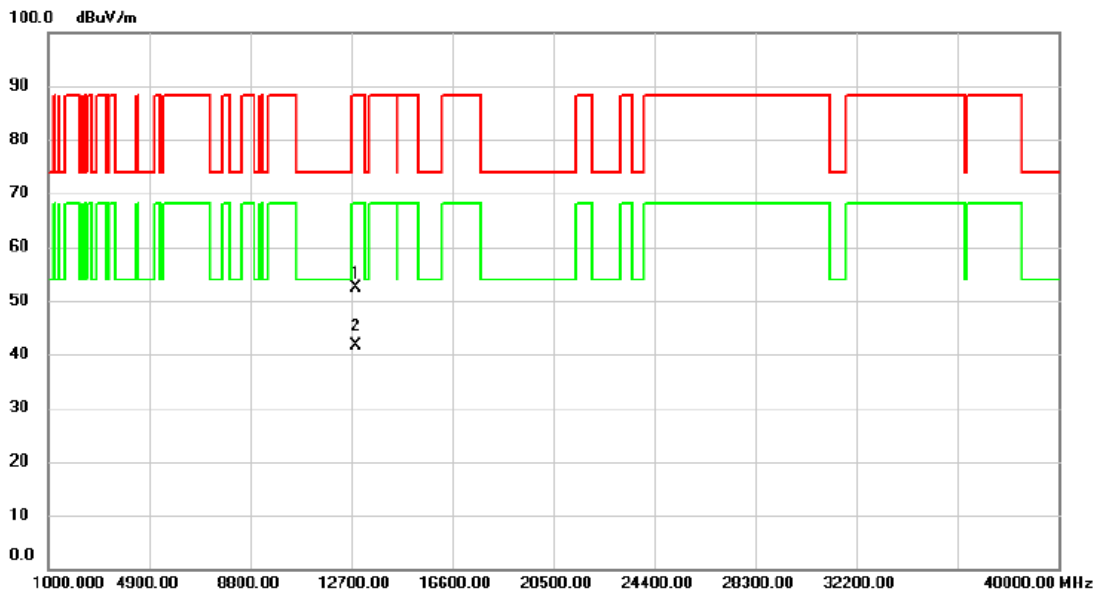


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6430.400	61.83	18.04	79.87	88.20	-8.33	peak	No Limit
2	*	6431.600	51.72	18.04	69.76	68.20	1.56	AVG	No Limit

REMARKS:

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

Test Mode	UNII-6_TX AX(HE40) Mode 6445 MHz	Polarization	Horizontal
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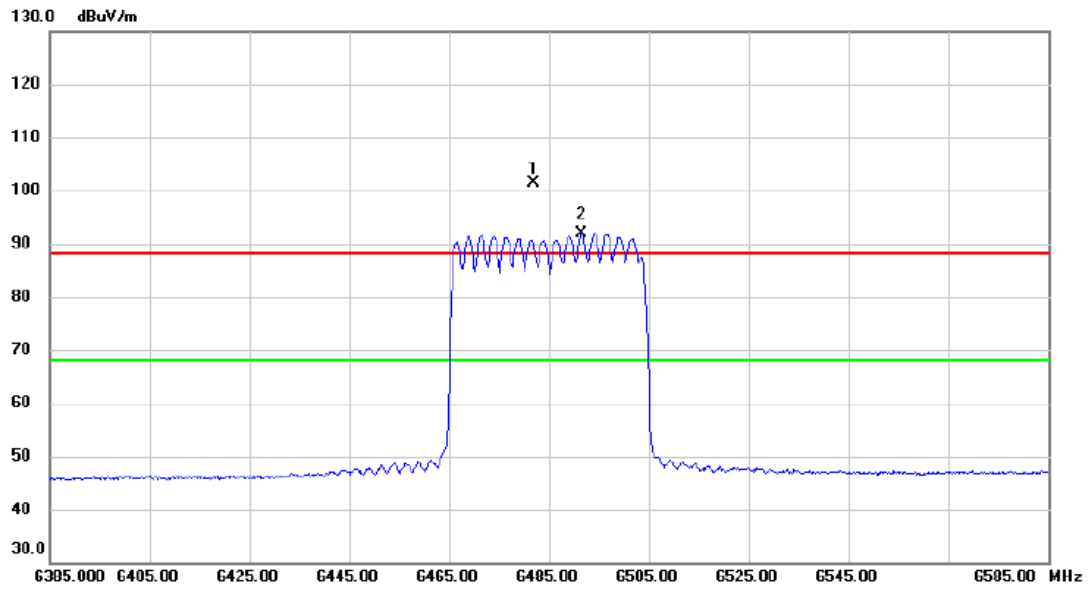


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12888.82	36.63	15.87	52.50	88.20	-35.70	peak	
2	*	12891.13	25.71	15.86	41.57	68.20	-26.63	AVG	

REMARKS:

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

Test Mode	UNII-6_TX AX(HE40) Mode 6485 MHz	Polarization	Vertical
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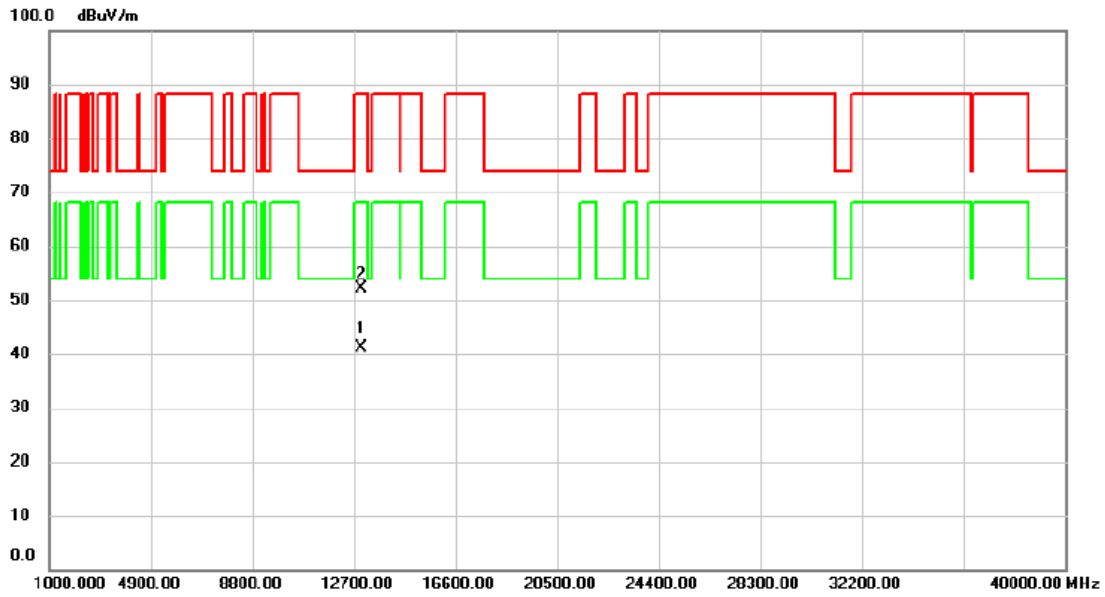


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6481.800	83.31	18.16	101.47	88.20	13.27	peak	No Limit
2	*	6491.600	73.66	18.18	91.84	68.20	23.64	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE40) Mode 6485 MHz	Polarization	Vertical
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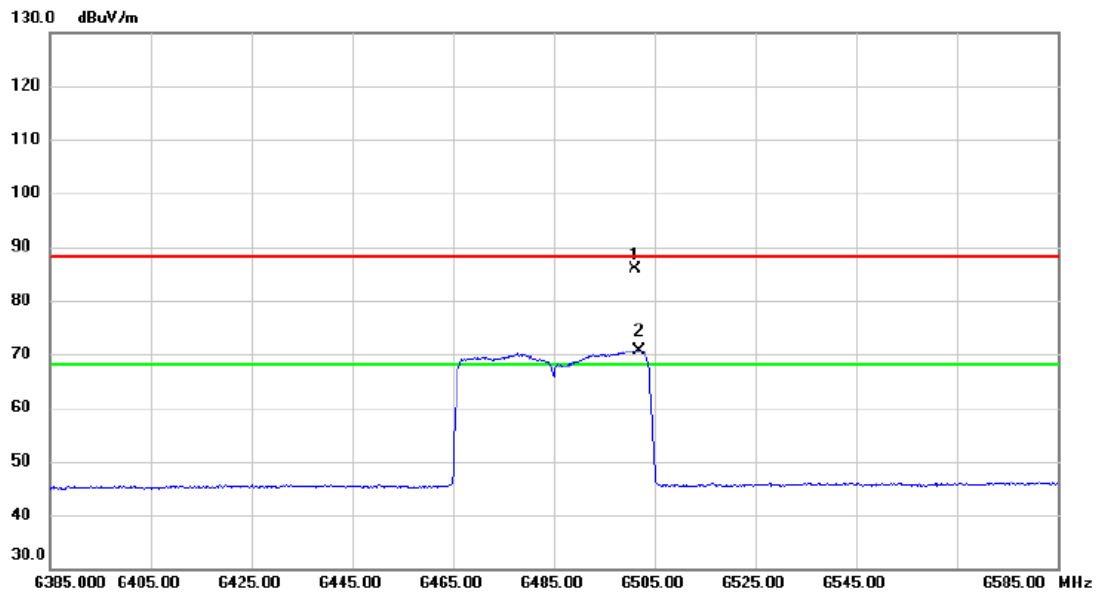


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12968.74	25.21	15.88	41.09	68.20	-27.11	AVG	
2		12969.38	36.13	15.88	52.01	88.20	-36.19	peak	

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE40) Mode 6485 MHz	Polarization	Horizontal
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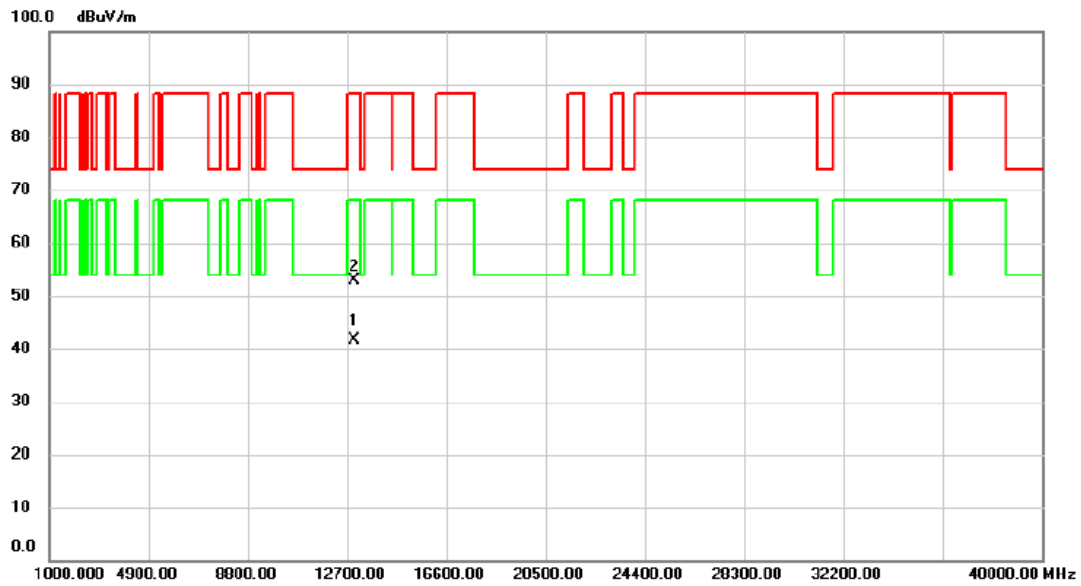


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6501.200	67.75	18.20	85.95	88.20	-2.25	peak	No Limit
2	*	6502.000	52.47	18.20	70.67	68.20	2.47	AVG	No Limit

REMARKS:

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

Test Mode	UNII-6_TX AX(HE40) Mode 6485 MHz	Polarization	Horizontal
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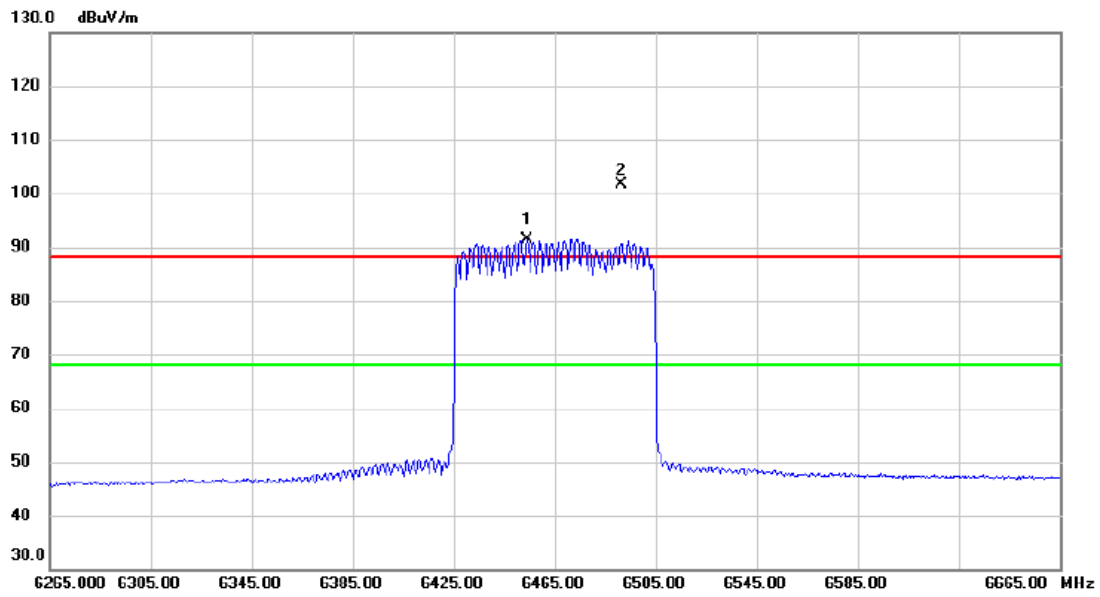


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12969.90	25.84	15.88	41.72	68.20	-26.48	AVG	
2		12971.15	37.00	15.88	52.88	88.20	-35.32	peak	

REMARKS:

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

Test Mode	UNII-6_TX AX(HE80) Mode 6465 MHz	Polarization	Vertical
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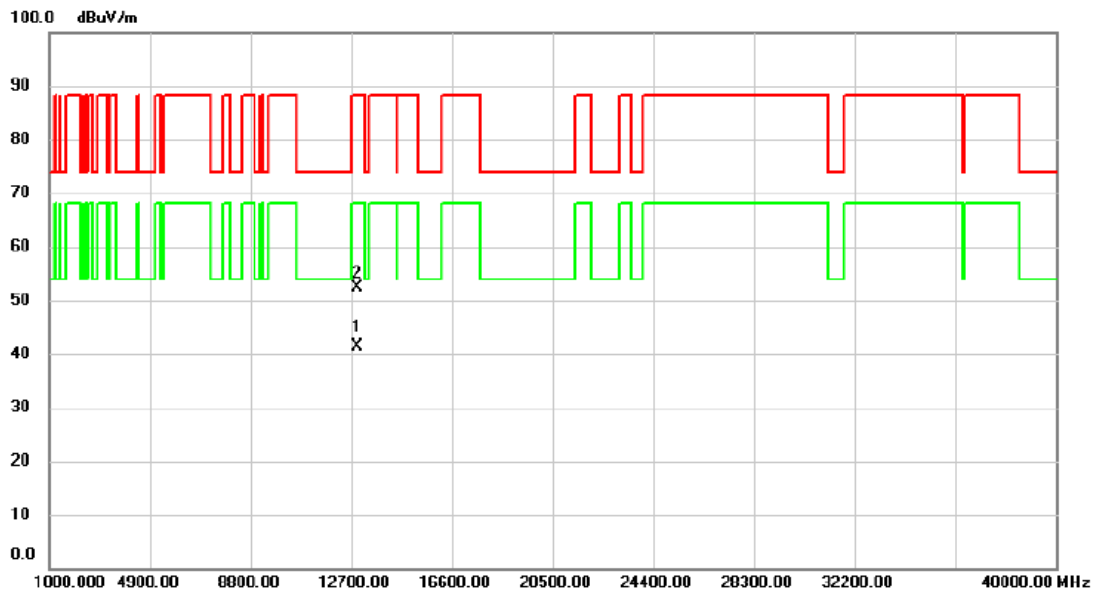
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	6454.200	73.27	18.11	91.38	68.20	23.18	AVG	No Limit
2	X	6491.400	83.36	18.18	101.54	88.20	13.34	peak	No Limit

REMARKS:

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



Test Mode	UNII-6_TX AX(HE80) Mode 6465 MHz	Polarization	Vertical
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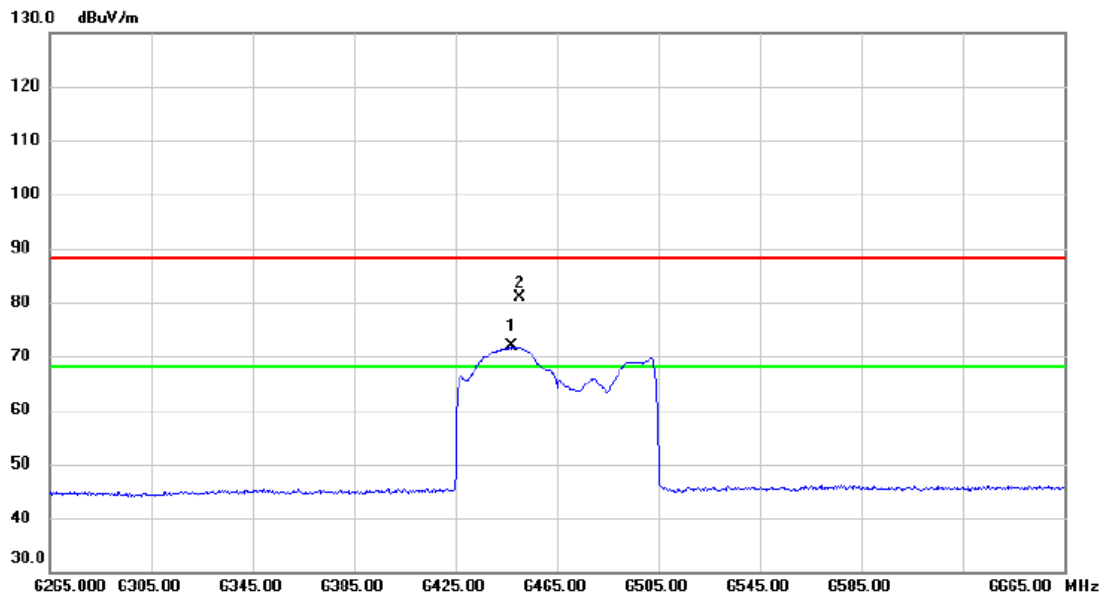


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	12928.22	25.41	15.88	41.29	68.20	-26.91	AVG	
2		12930.37	36.50	15.88	52.38	88.20	-35.82	peak	

**REMARKS:**

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

Test Mode	UNII-6_TX AX(HE80) Mode 6465 MHz	Polarization	Horizontal
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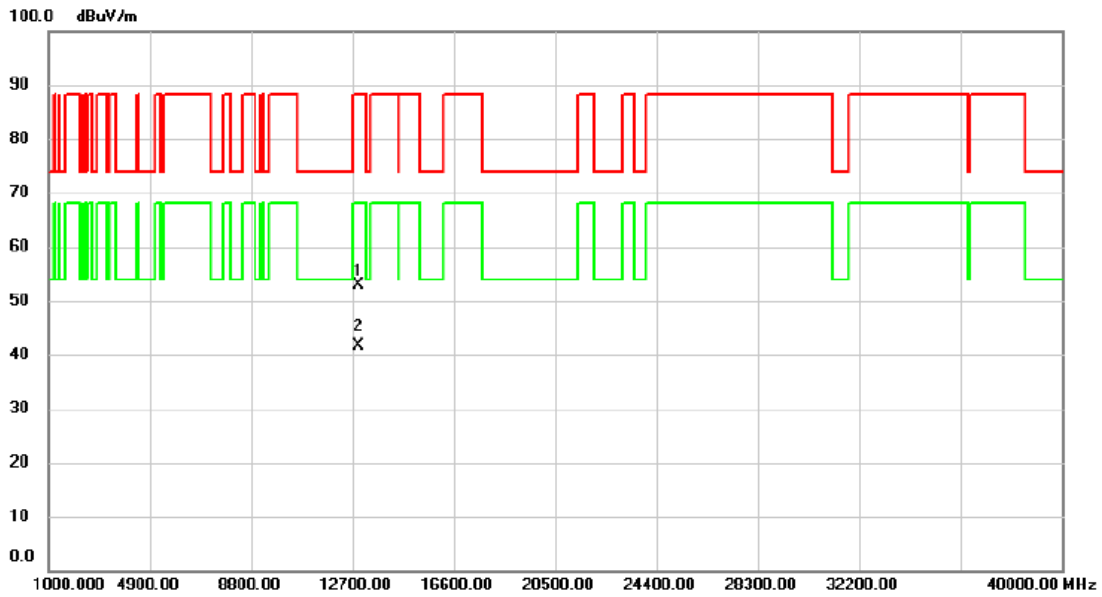


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6447.000	53.69	18.08	71.77	68.20	3.57	AVG	No Limit
2		6450.200	62.89	18.09	80.98	88.20	-7.22	peak	No Limit

REMARKS:

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

Test Mode	UNII-6_TX AX(HE80) Mode 6465 MHz	Polarization	Horizontal
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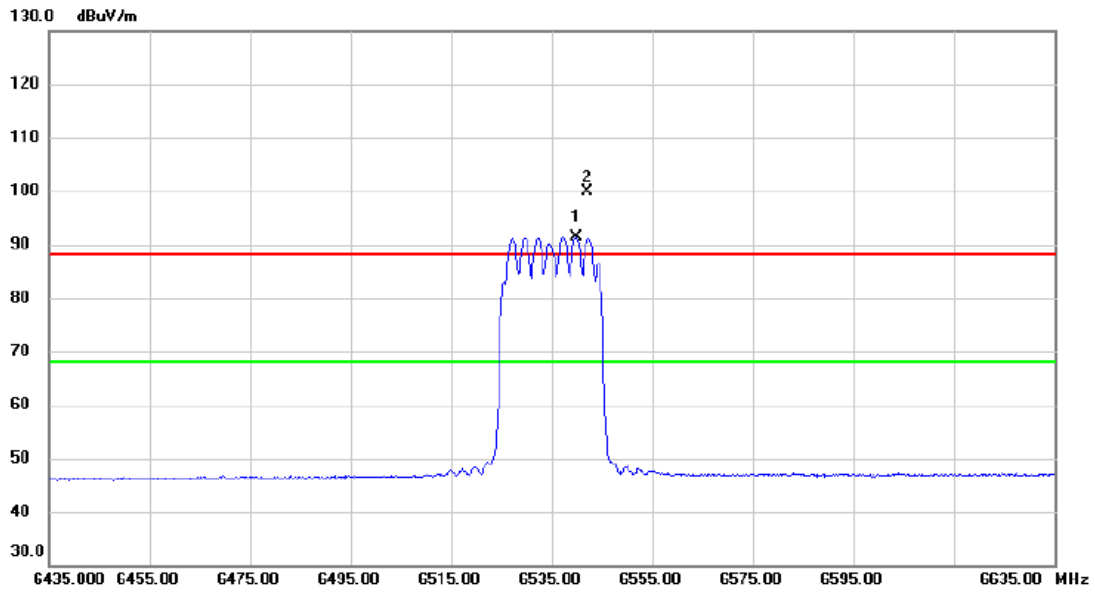


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		12929.25	37.04	15.88	52.92	88.20	-35.28	peak	
2	*	12930.37	25.77	15.88	41.65	68.20	-26.55	AVG	

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE20) Mode 6535 MHz	Polarization	Vertical
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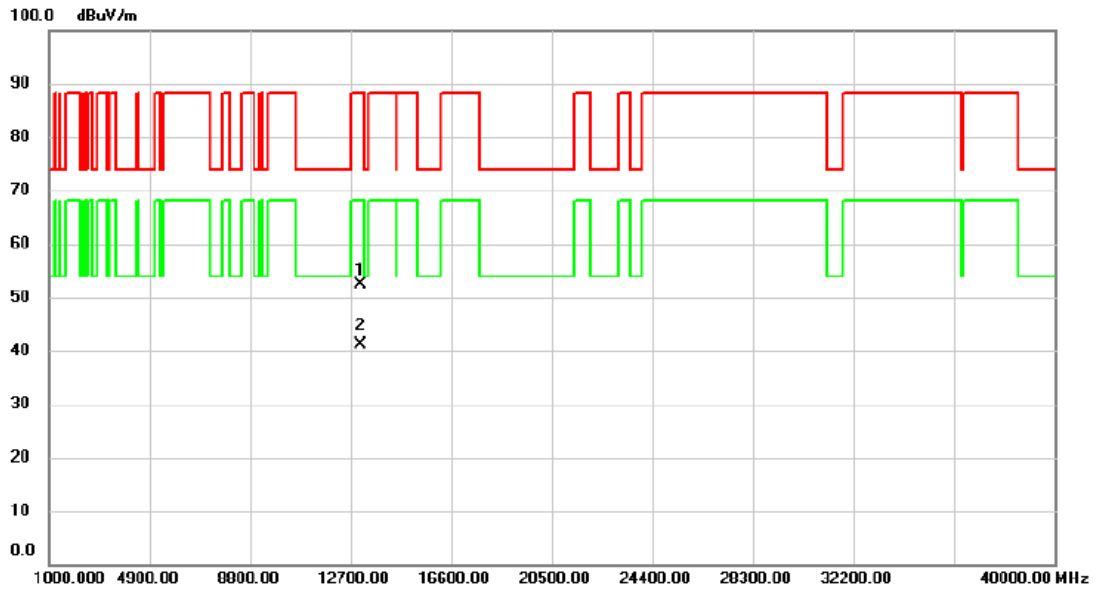


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6539.800	73.09	18.32	91.41	68.20	23.21	AVG	No Limit
2	X	6542.200	81.65	18.33	99.98	88.20	11.78	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE20) Mode 6535 MHz	Polarization	Vertical
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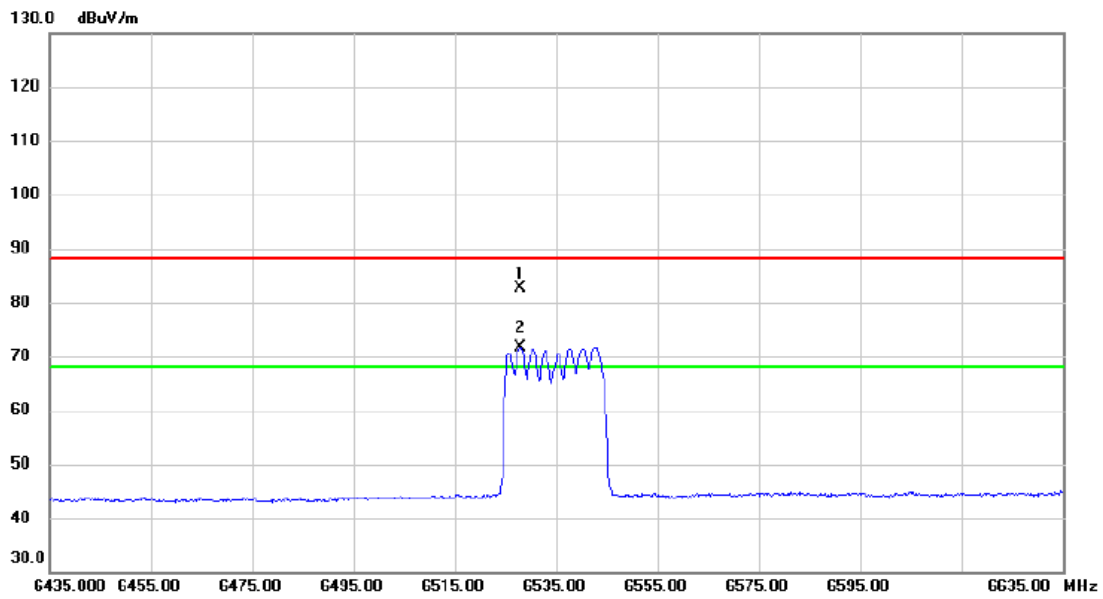


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13070.94	36.44	15.99	52.43	88.20	-35.77	peak	
2	*	13071.93	25.02	15.99	41.01	68.20	-27.19	AVG	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE20) Mode 6535 MHz	Polarization	Horizontal
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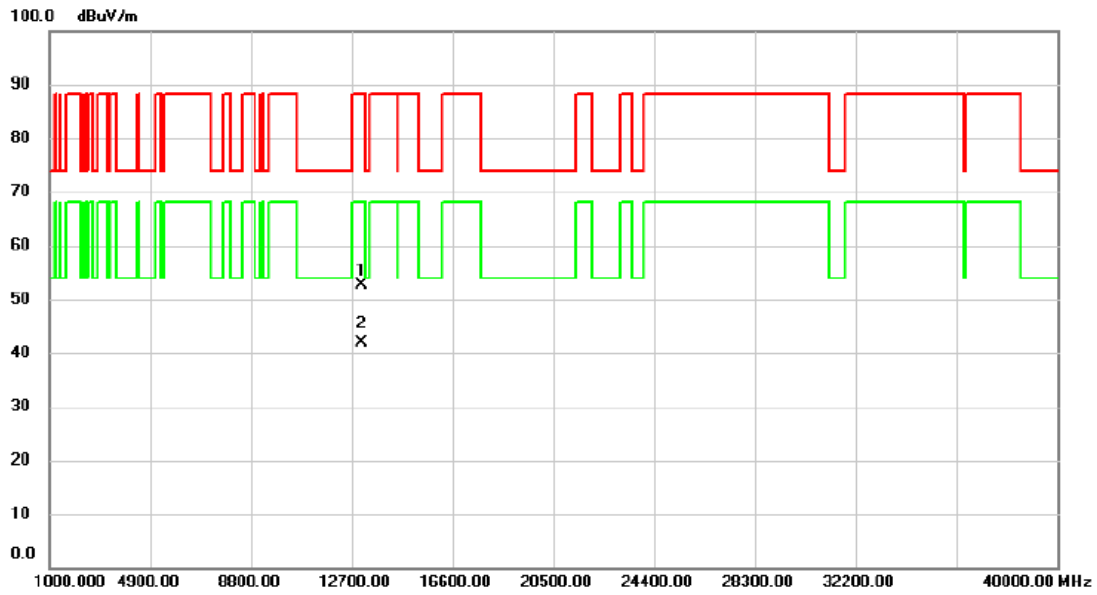


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6528.000	64.38	18.29	82.67	88.20	-5.53	peak	No Limit
2	*	6528.000	53.37	18.29	71.66	68.20	3.46	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE20) Mode 6535 MHz	Polarization	Horizontal
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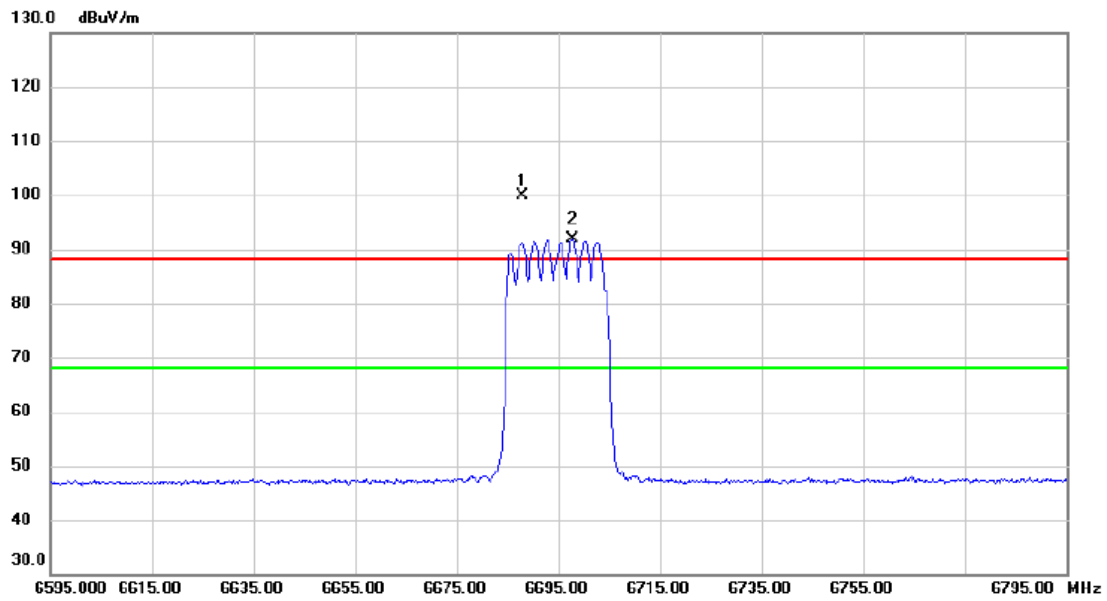
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13071.08	36.75	15.99	52.74	88.20	-35.46	peak	
2	*	13072.33	25.82	15.99	41.81	68.20	-26.39	AVG	

REMARKS:

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

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

Test Mode	UNII-7_TX AX(HE20) Mode 6695 MHz	Polarization	Vertical
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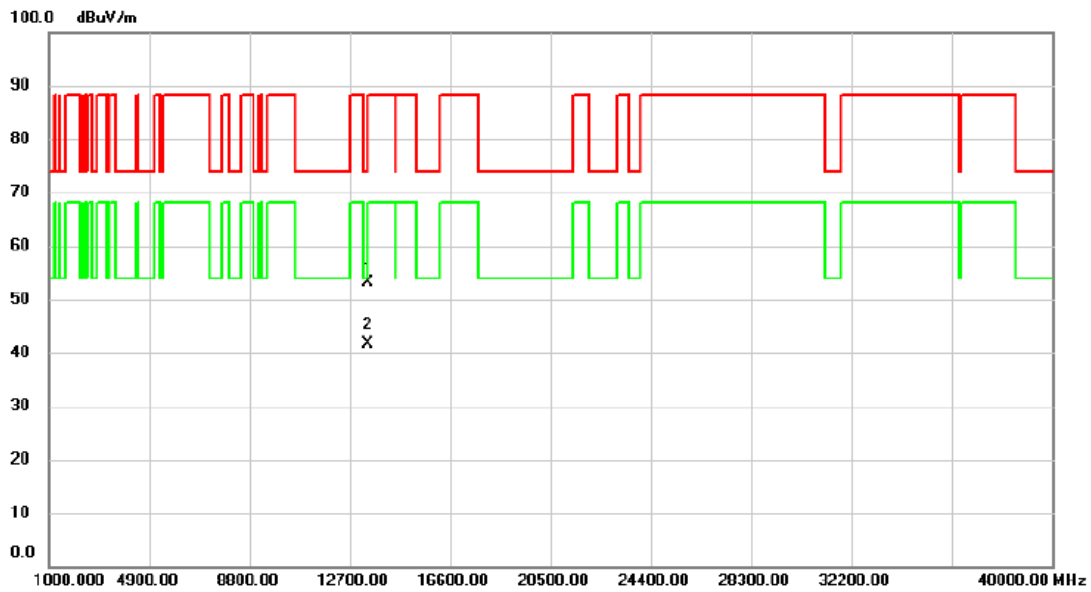
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6687.800	81.13	18.80	99.93	88.20	11.73	peak	No Limit
2	*	6697.800	72.97	18.83	91.80	68.20	23.60	AVG	No Limit

REMARKS:

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



Test Mode	UNII-7_TX AX(HE20) Mode 6695 MHz	Polarization	Vertical
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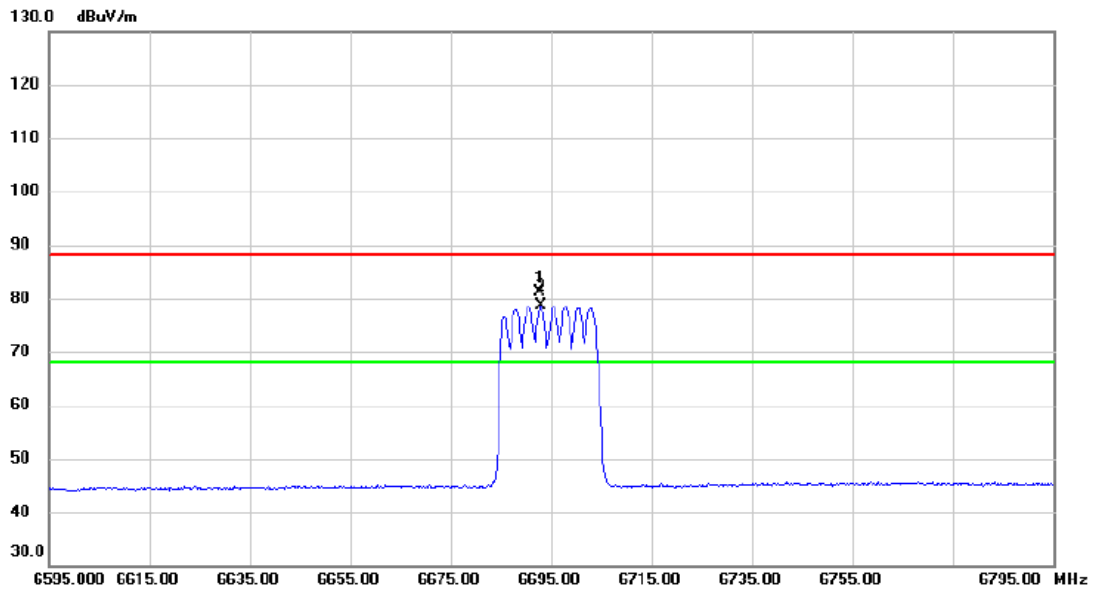


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13387.85	36.68	16.46	53.14	74.00	-20.86	peak	
2	*	13390.54	25.15	16.46	41.61	54.00	-12.39	AVG	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE20) Mode 6695 MHz	Polarization	Horizontal
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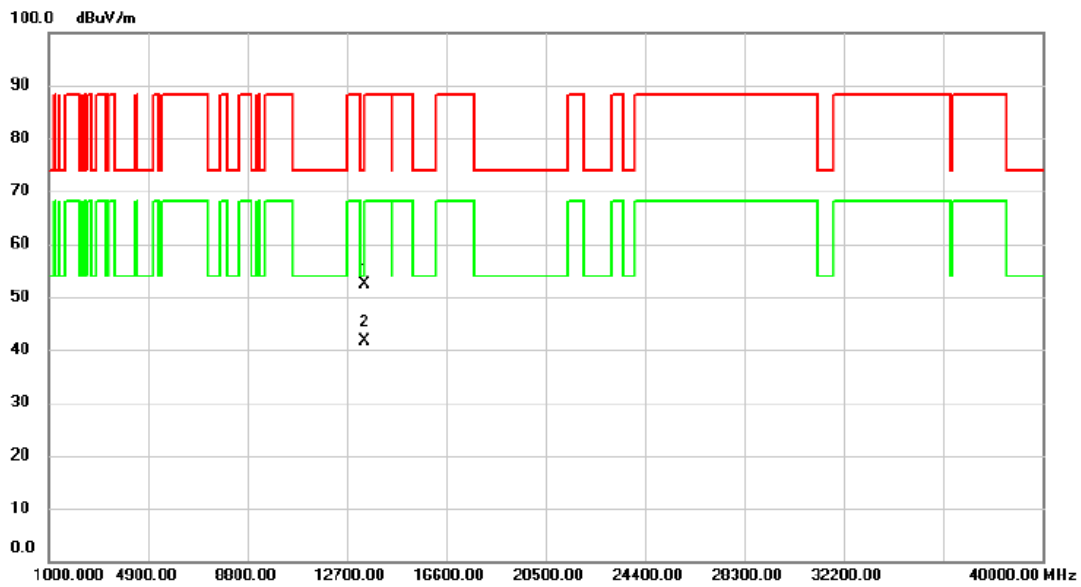


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6692.800	62.33	18.82	81.15	88.20	-7.05	peak	No Limit
2	*	6693.000	59.84	18.82	78.66	68.20	10.46	AVG	No Limit

REMARKS:

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

Test Mode	UNII-7_TX AX(HE20) Mode 6695 MHz	Polarization	Horizontal
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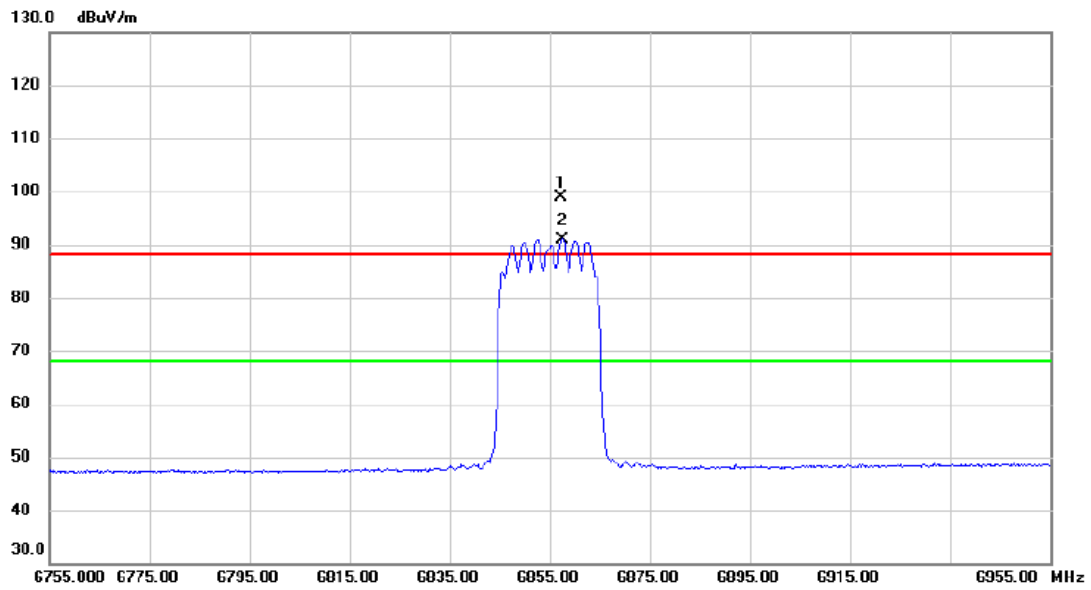


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	13389.92	36.03	16.46	52.49	74.00	-21.51	peak	
2 *	13391.06	25.05	16.46	41.51	54.00	-12.49	AVG	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE20) Mode 6855 MHz	Polarization	Vertical
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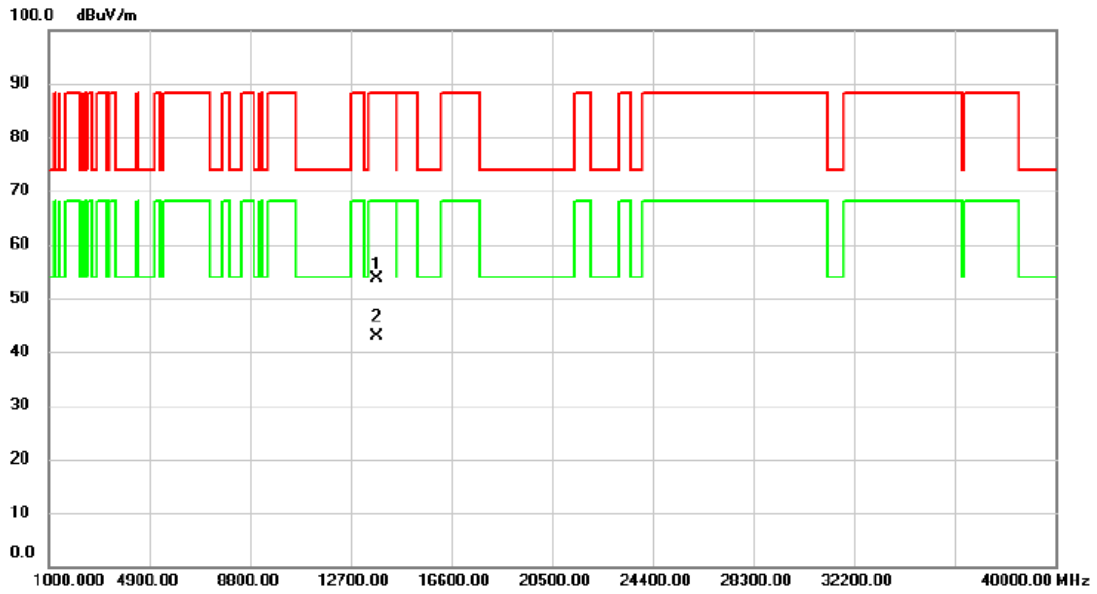


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6857.200	79.55	19.34	98.89	88.20	10.69	peak	No Limit
2	*	6857.600	71.65	19.35	91.00	68.20	22.80	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE20) Mode 6855 MHz	Polarization	Vertical
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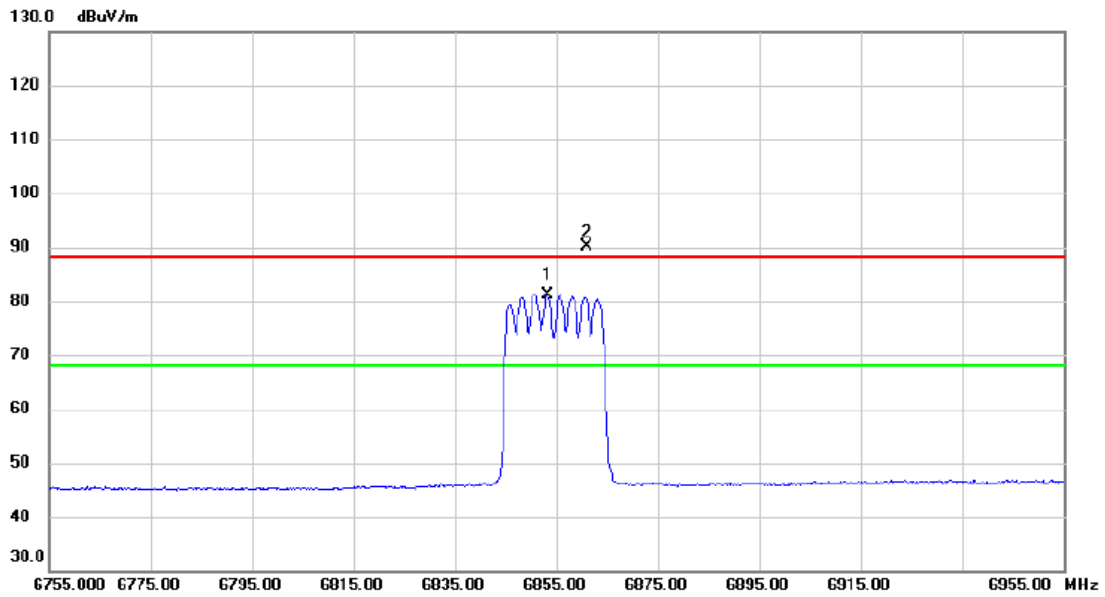


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13708.84	36.43	17.27	53.70	88.20	-34.50	peak	
2	*	13710.07	25.63	17.27	42.90	68.20	-25.30	AVG	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE20) Mode 6855 MHz	Polarization	Horizontal
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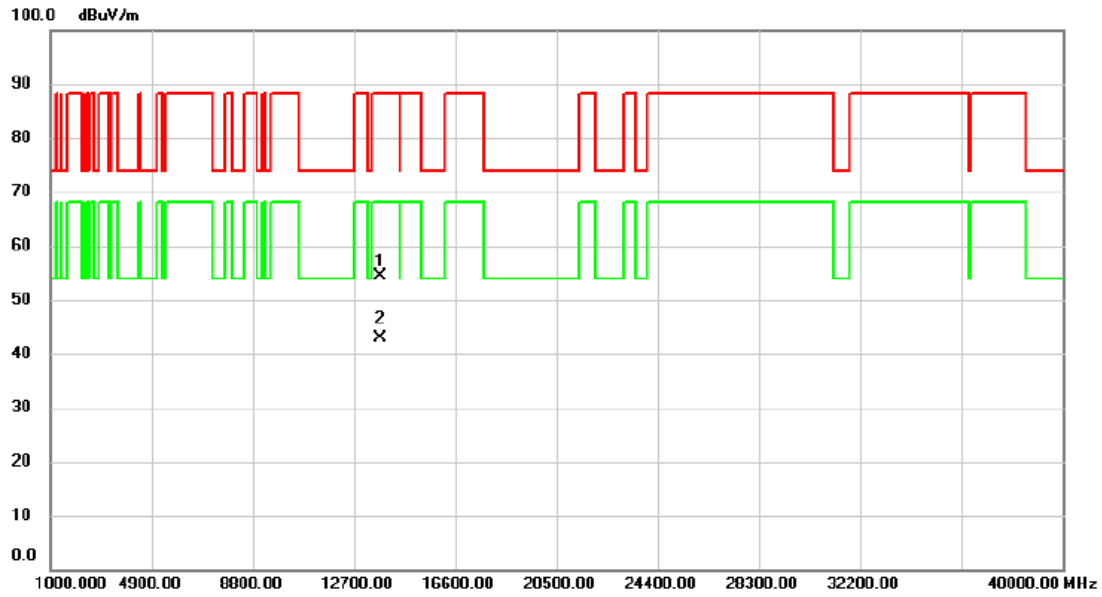


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6853.200	61.83	19.33	81.16	68.20	12.96	AVG	No Limit
2	X	6861.000	70.81	19.35	90.16	88.20	1.96	peak	No Limit

REMARKS:

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

Test Mode	UNII-7_TX AX(HE20) Mode 6855 MHz	Polarization	Horizontal
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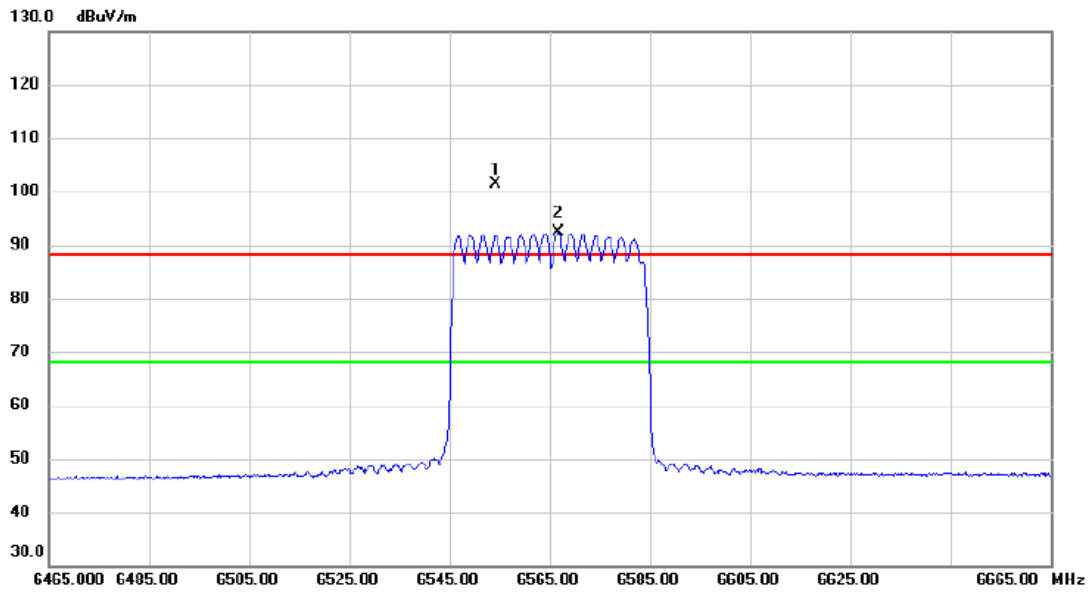


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13708.07	37.06	17.27	54.33	88.20	-33.87	peak	
2	*	13711.58	25.71	17.27	42.98	68.20	-25.22	AVG	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE40) Mode 6565 MHz	Polarization	Vertical
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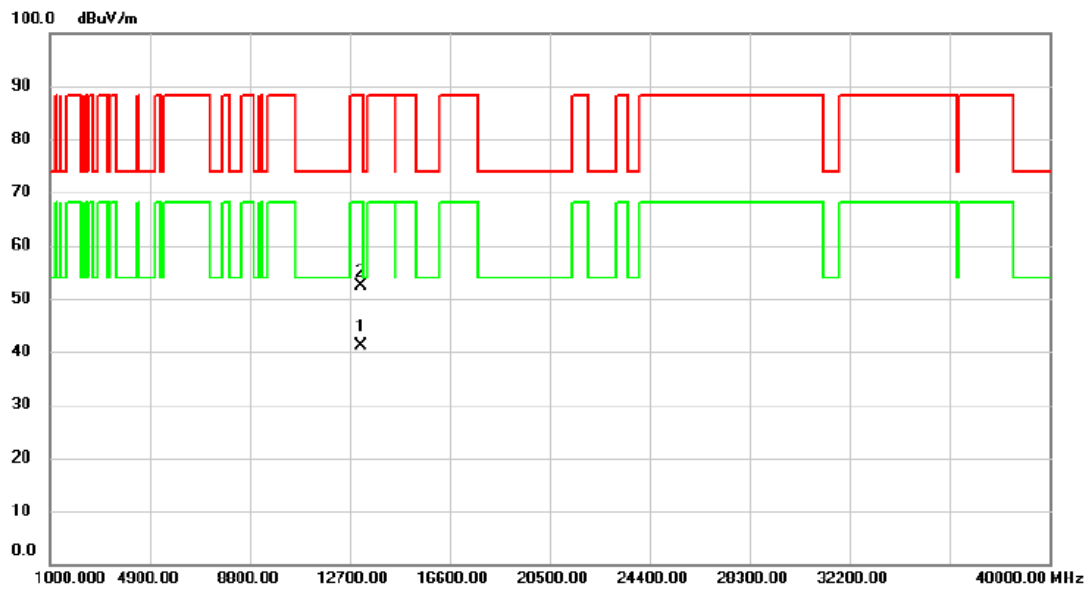
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6554.200	83.00	18.38	101.38	88.20	13.18	peak	No Limit
2	*	6566.800	73.87	18.41	92.28	68.20	24.08	AVG	No Limit

REMARKS:

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



Test Mode	UNII-7_TX AX(HE40) Mode 6565 MHz	Polarization	Vertical
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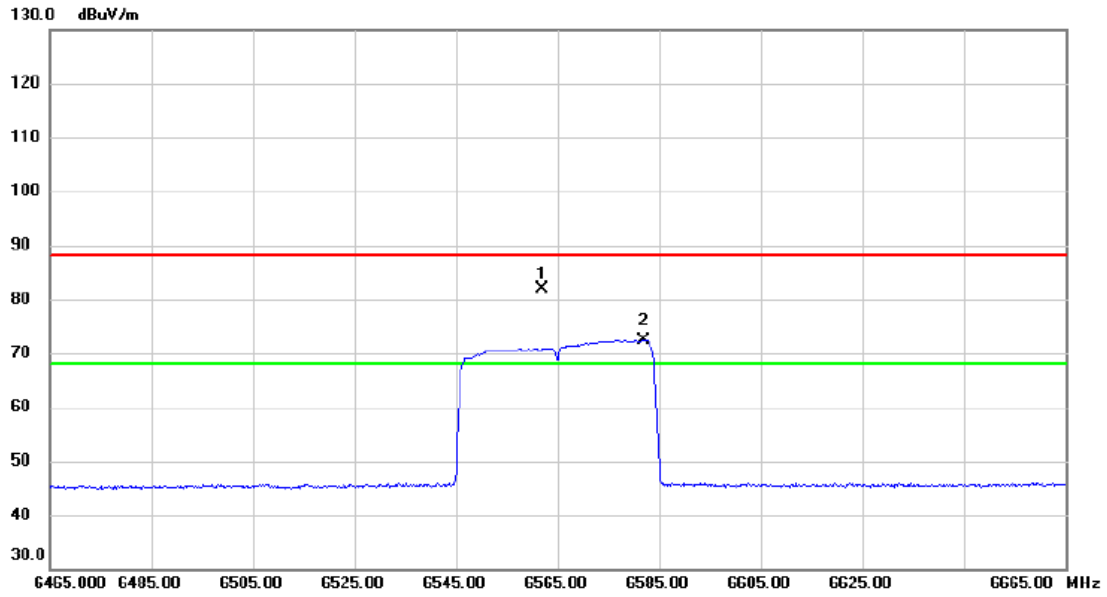


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13128.30	25.04	16.07	41.11	68.20	-27.09	AVG	
2		13129.24	36.20	16.07	52.27	88.20	-35.93	peak	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE40) Mode 6565 MHz	Polarization	Horizontal
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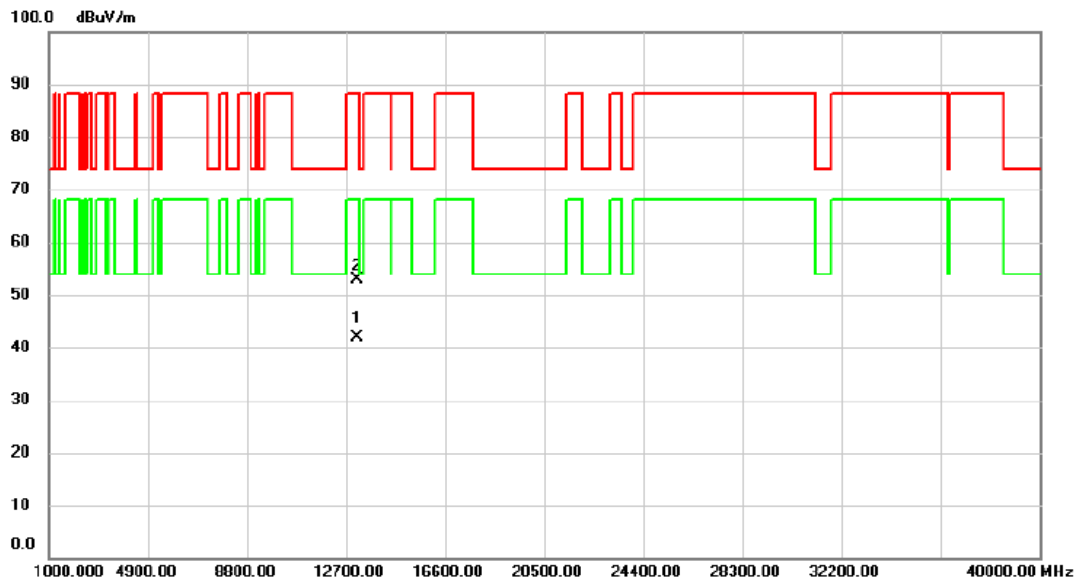


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6561.800	63.40	18.40	81.80	88.20	-6.40	peak	No Limit
2	*	6582.000	53.99	18.46	72.45	68.20	4.25	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE40) Mode 6565 MHz	Polarization	Horizontal
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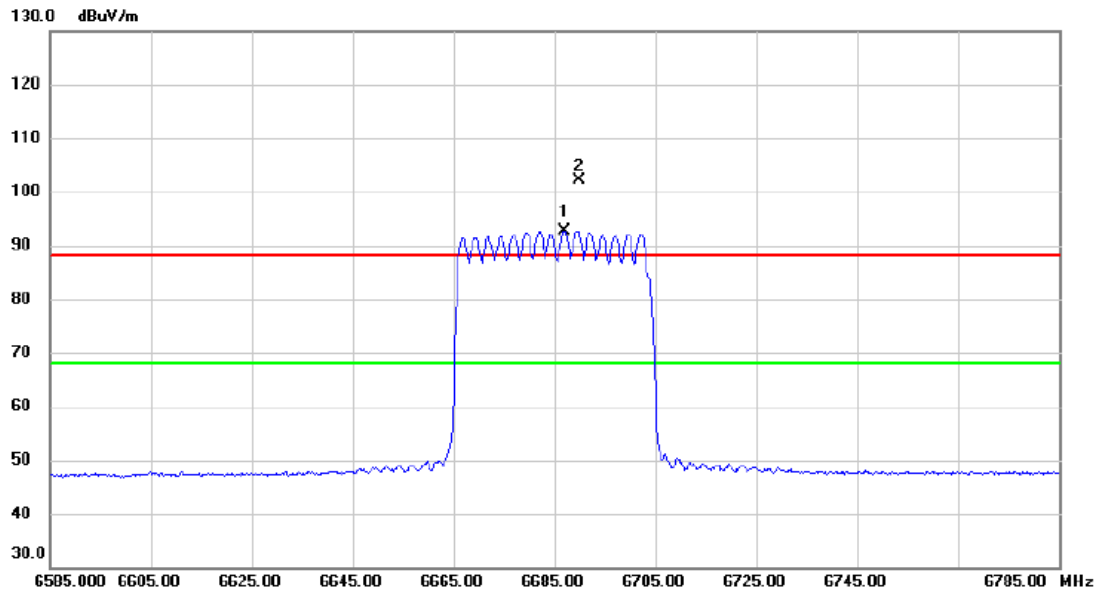


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13127.89	25.86	16.07	41.93	68.20	-26.27	AVG	
2		13130.95	36.86	16.07	52.93	88.20	-35.27	peak	

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE40) Mode 6685 MHz	Polarization	Vertical
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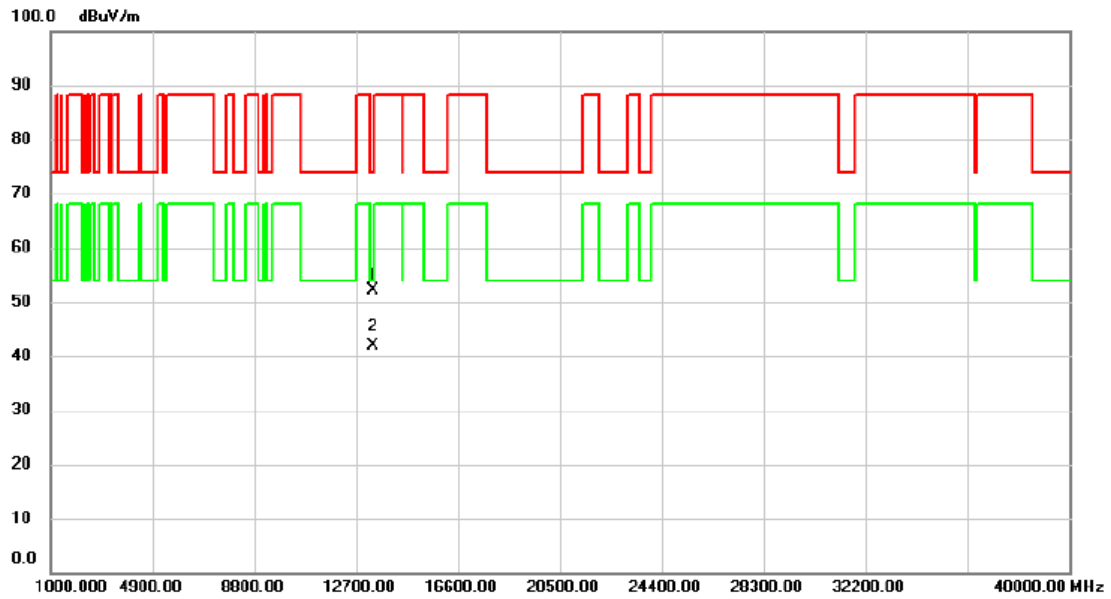


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6687.000	73.95	18.79	92.74	68.20	24.54	AVG	No Limit
2	X	6689.800	83.32	18.80	102.12	88.20	13.92	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE40) Mode 6685 MHz	Polarization	Vertical
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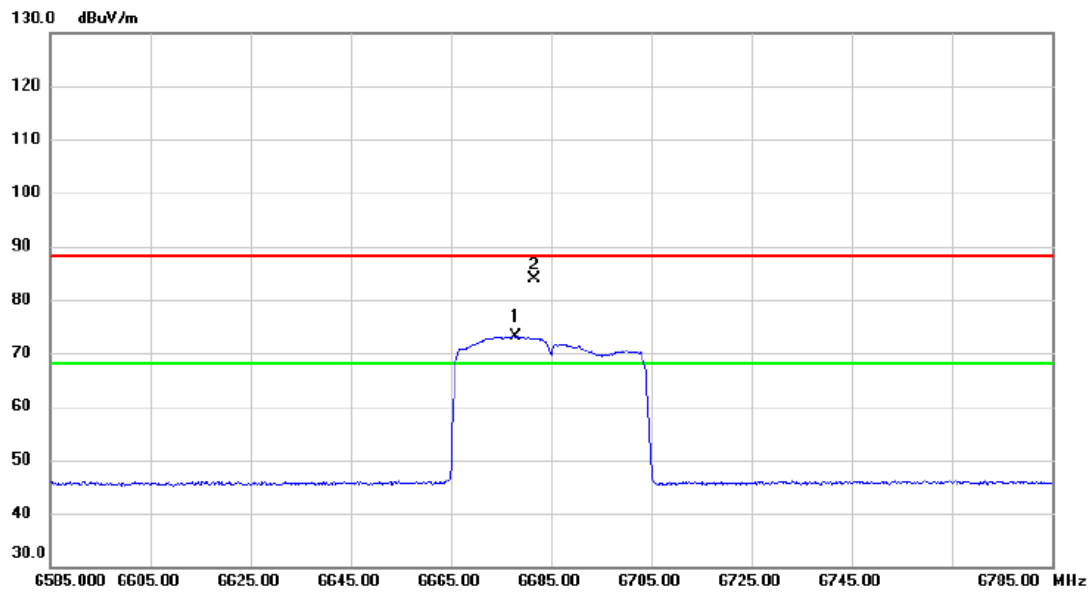


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		13367.86	35.59	16.43	52.02	74.00	-21.98	peak	
2	*	13371.21	25.34	16.43	41.77	54.00	-12.23	AVG	

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE40) Mode 6685 MHz	Polarization	Horizontal
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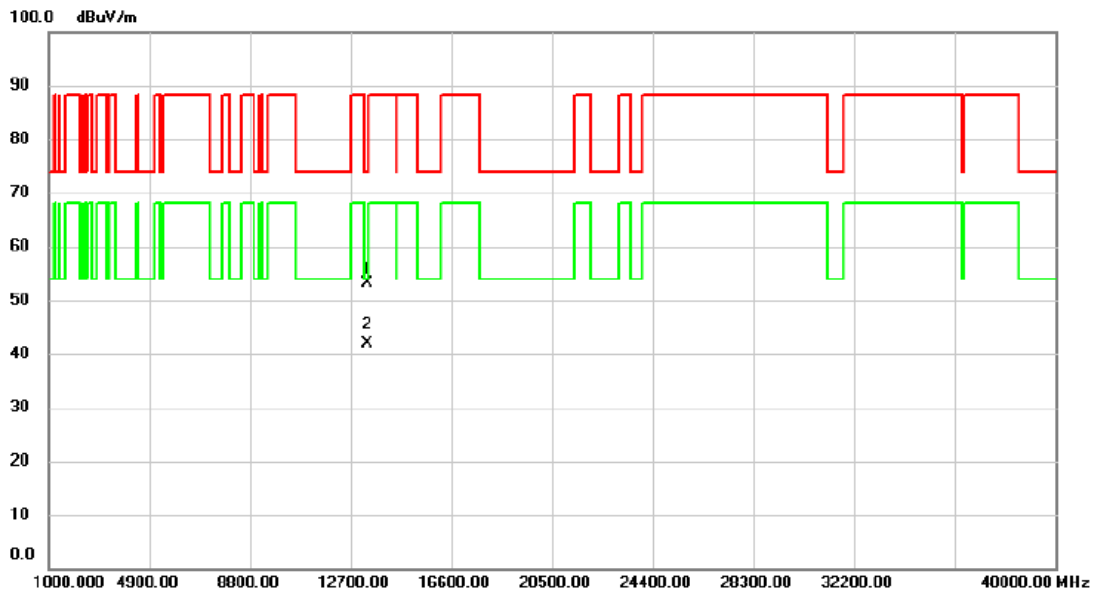


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6677.800	54.41	18.77	73.18	68.20	4.98	AVG	No Limit
2		6681.600	65.10	18.78	83.88	88.20	-4.32	peak	No Limit

REMARKS:

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

Test Mode	UNII-7_TX AX(HE40) Mode 6685 MHz	Polarization	Horizontal
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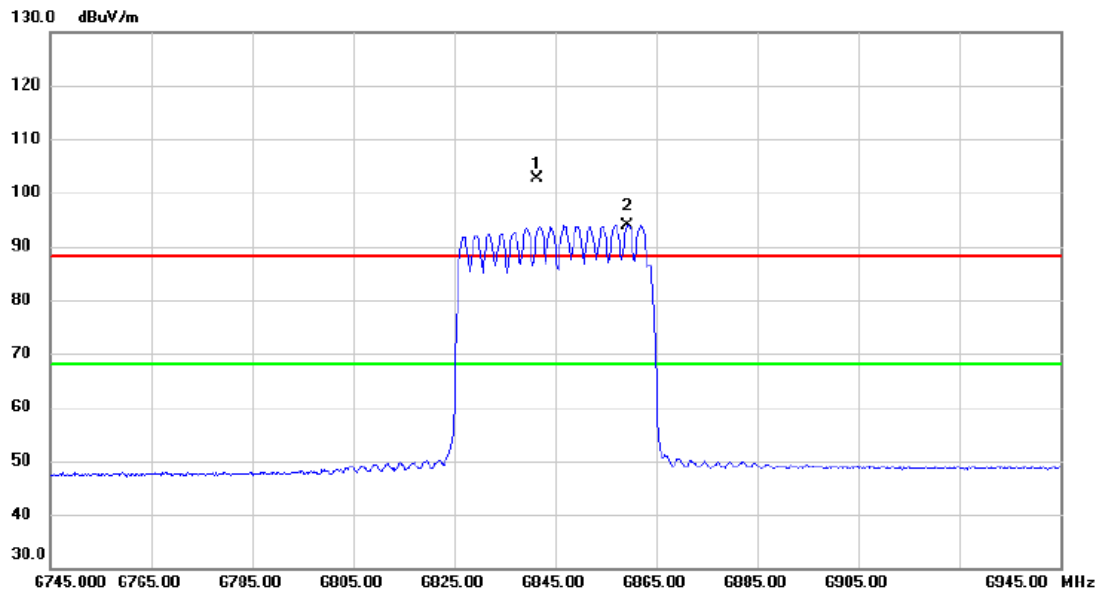


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13368.14	36.64	16.43	53.07	74.00	-20.93	peak	
2	*	13368.22	25.49	16.43	41.92	54.00	-12.08	AVG	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE40) Mode 6845 MHz	Polarization	Vertical
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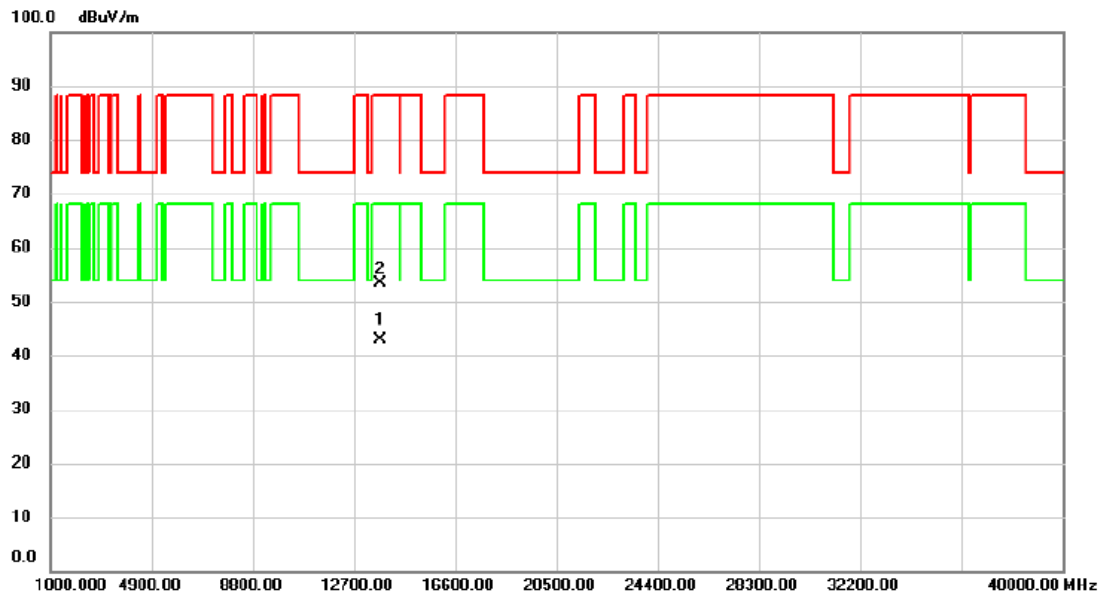
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6841.400	83.28	19.28	102.56	88.20	14.36	peak	No Limit
2	*	6859.400	74.65	19.35	94.00	68.20	25.80	AVG	No Limit

REMARKS:

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



Test Mode	UNII-7_TX AX(HE40) Mode 6845 MHz	Polarization	Vertical
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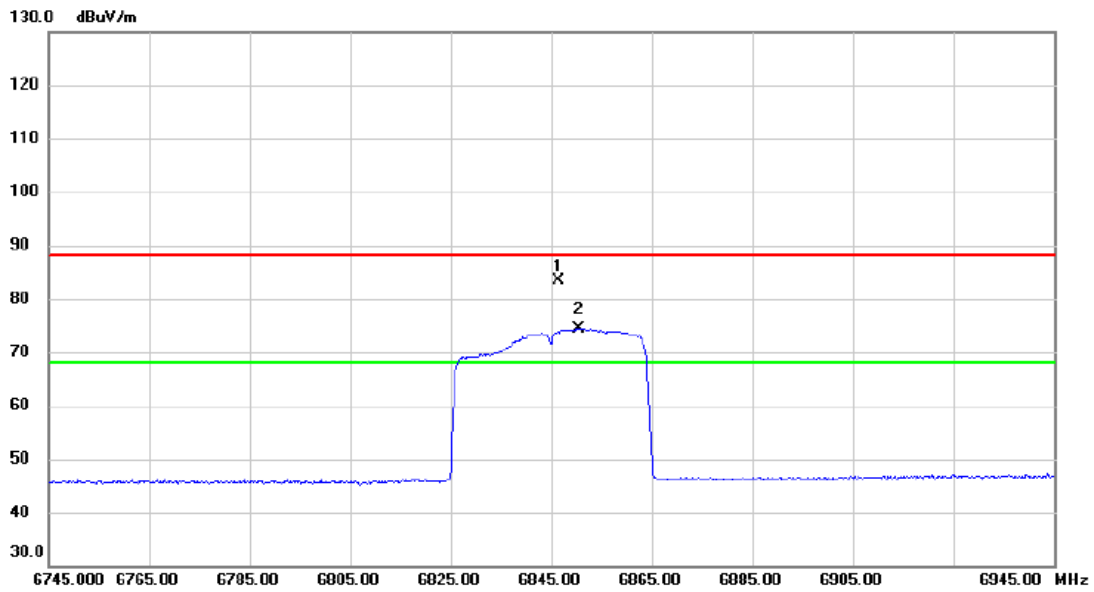


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13688.09	25.58	17.20	42.78	68.20	-25.42	AVG	
2		13690.79	36.27	17.21	53.48	88.20	-34.72	peak	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE40) Mode 6845 MHz	Polarization	Horizontal
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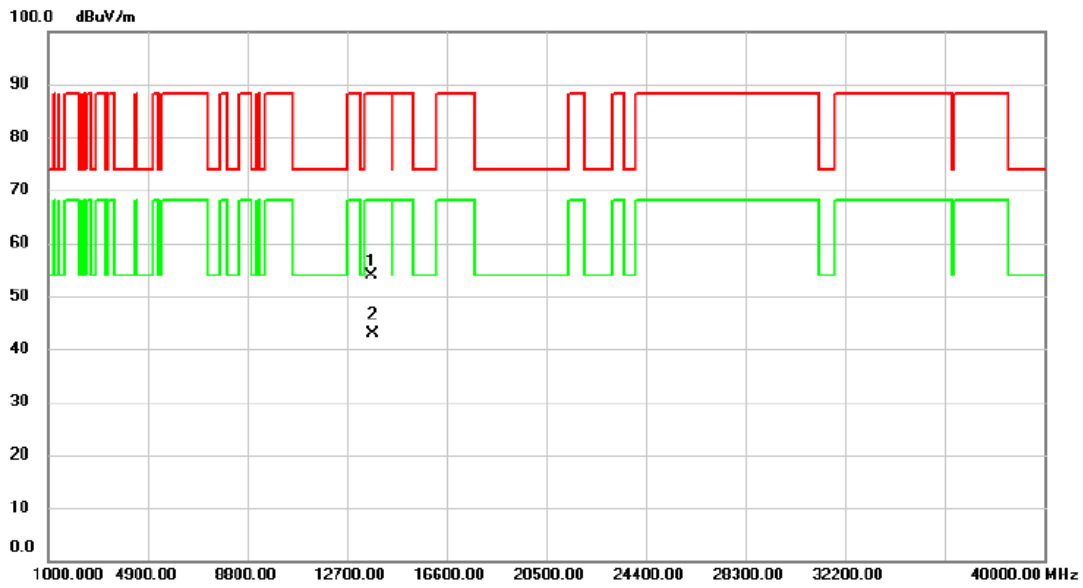


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6846.400	63.99	19.29	83.28	88.20	-4.92	peak	No Limit
2	*	6850.400	55.18	19.32	74.50	68.20	6.30	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE40) Mode 6845 MHz	Polarization	Horizontal
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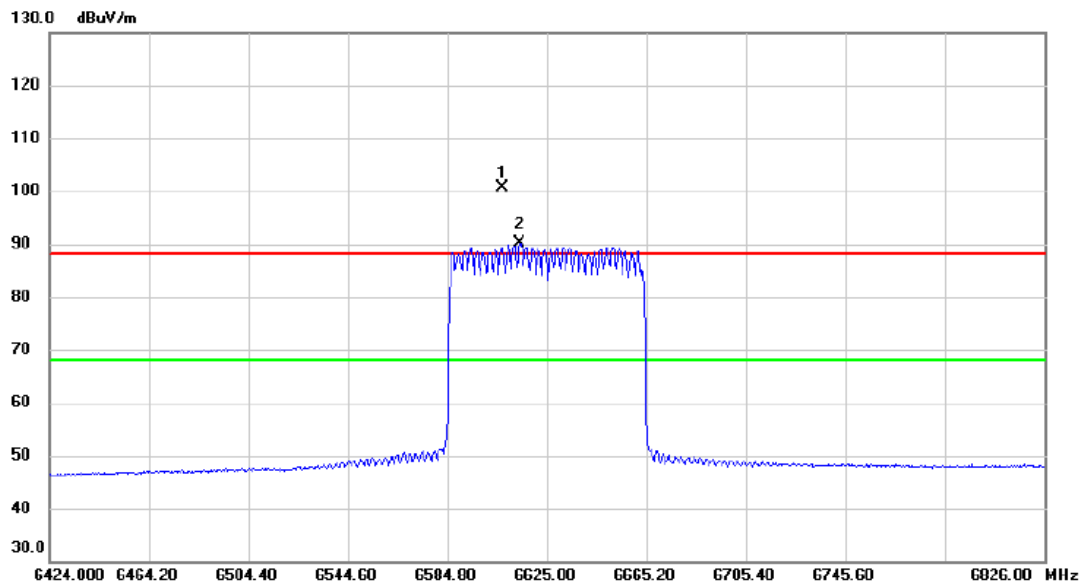


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13687.86	36.75	17.20	53.95	88.20	-34.25	peak	
2	*	13692.47	25.74	17.21	42.95	68.20	-25.25	AVG	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE80) Mode 6625 MHz	Polarization	Vertical
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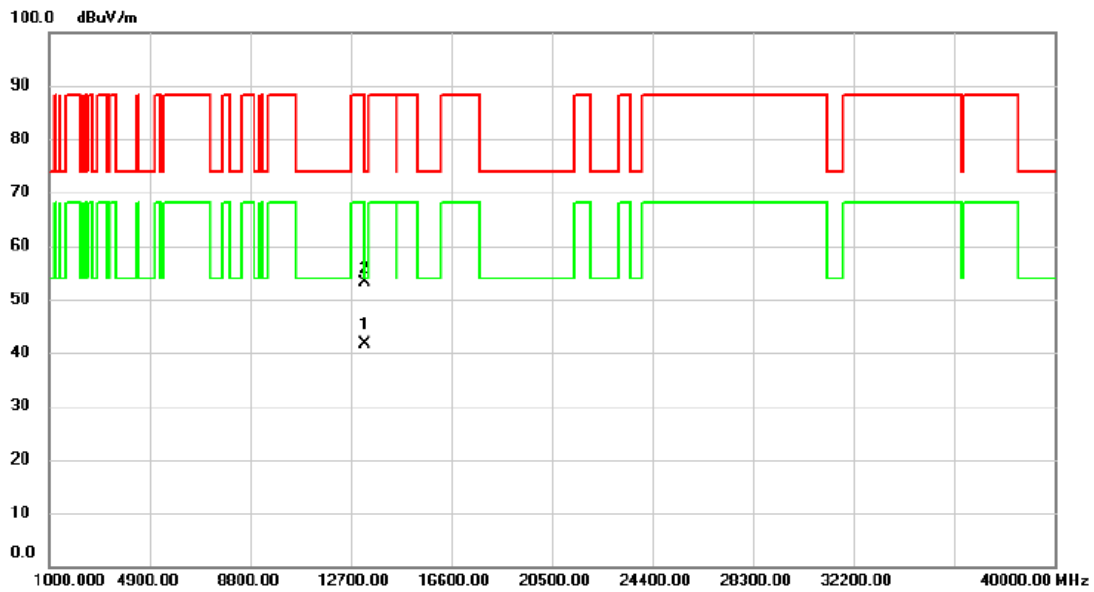


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6606.910	82.20	18.54	100.74	88.20	12.54	peak	No Limit
2	*	6614.146	71.55	18.56	90.11	68.20	21.91	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE80) Mode 6625 MHz	Polarization	Vertical
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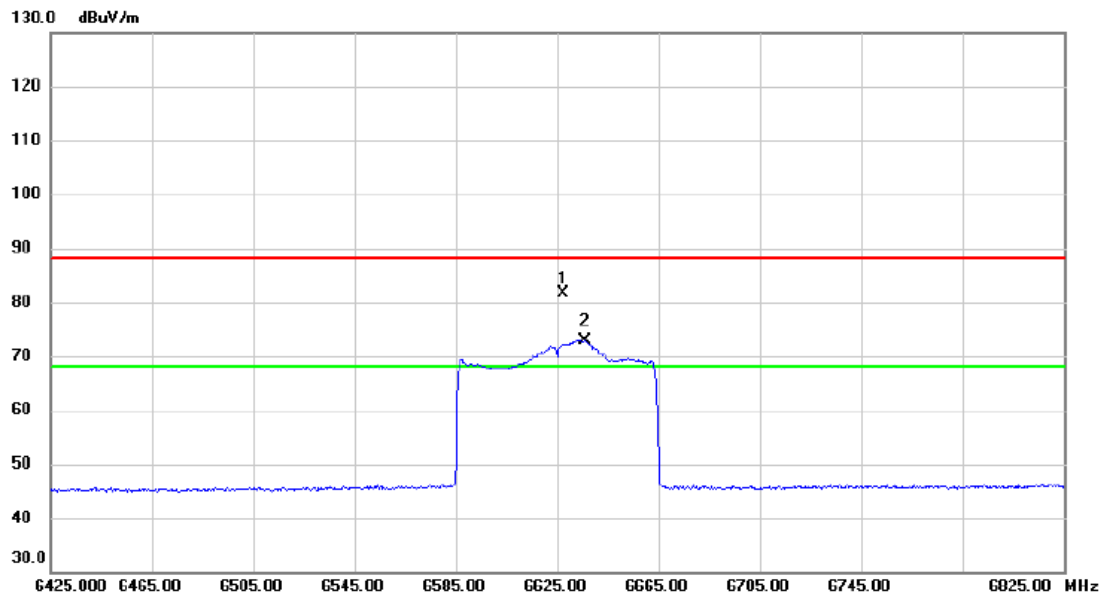


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13248.06	25.51	16.24	41.75	68.20	-26.45	AVG	
2		13248.99	36.98	16.24	53.22	88.20	-34.98	peak	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE80) Mode 6625 MHz	Polarization	Horizontal
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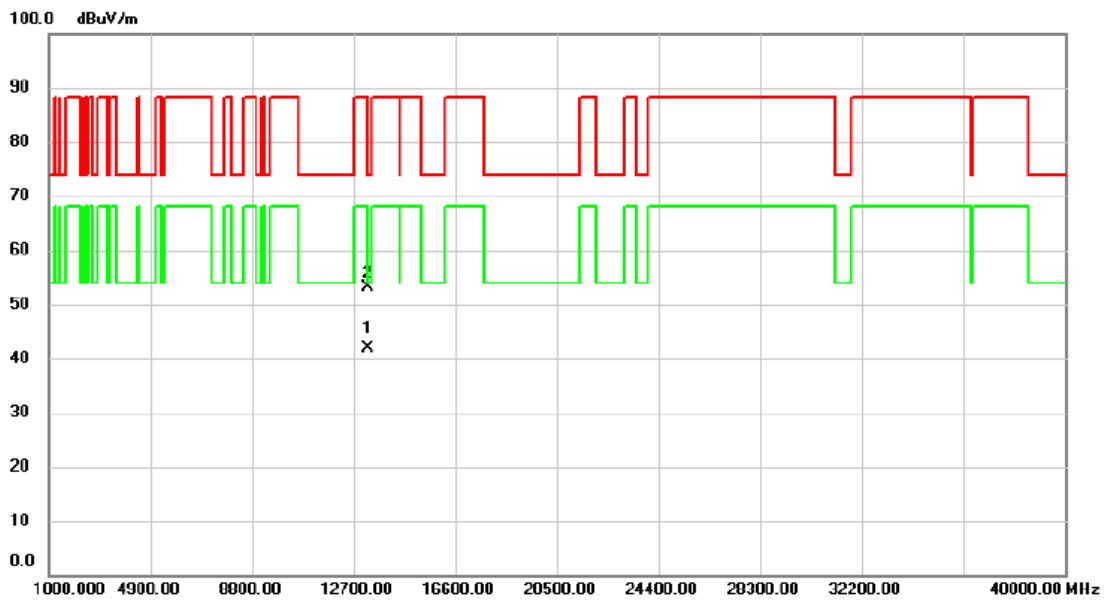


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6627.400	62.96	18.60	81.56	88.20	-6.64	peak	No Limit
2	*	6636.200	54.21	18.63	72.84	68.20	4.64	AVG	No Limit

REMARKS:

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

Test Mode	UNII-7_TX AX(HE80) Mode 6625 MHz	Polarization	Horizontal
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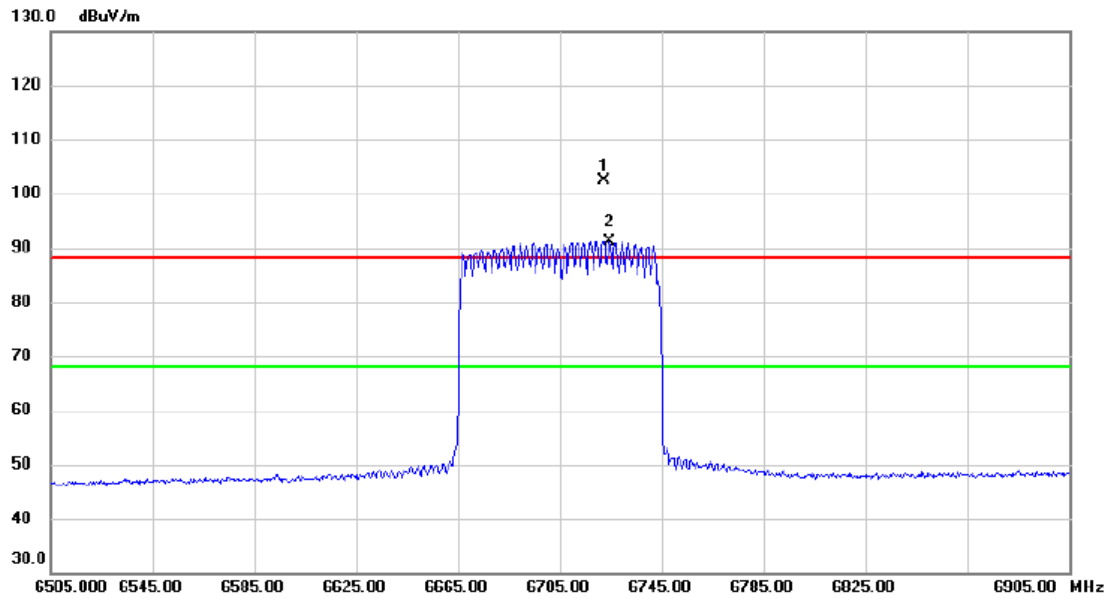


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13248.48	25.66	16.24	41.90	68.20	-26.30	AVG	
2		13248.92	36.79	16.24	53.03	88.20	-35.17	peak	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE80) Mode 6705 MHz	Polarization	Vertical
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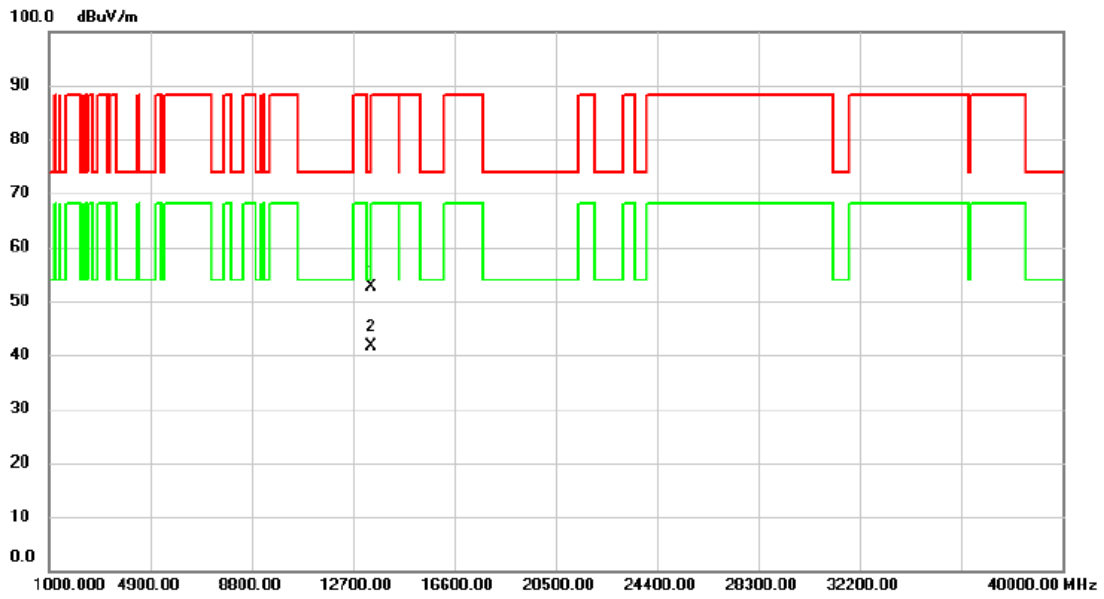
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	X	6722.200	83.59	18.90	102.49	88.20	14.29	peak	No Limit
2	*	6724.600	72.34	18.91	91.25	68.20	23.05	AVG	No Limit

**REMARKS:**

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



Test Mode	UNII-7_TX AX(HE80) Mode 6705 MHz	Polarization	Vertical
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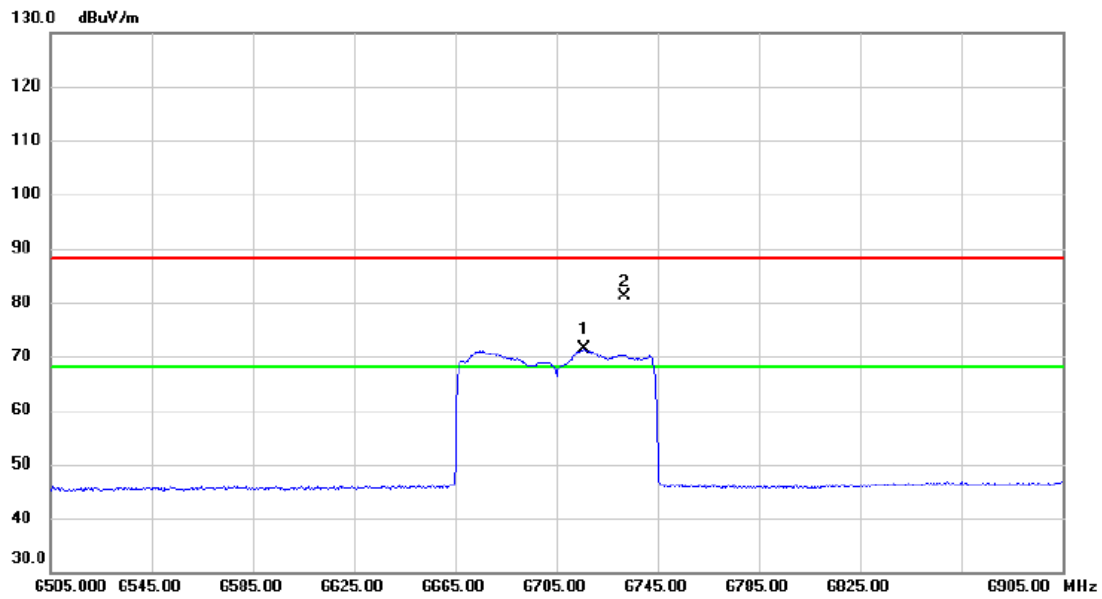


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	13411.19	36.09	16.49	52.58	88.20	-35.62	peak	
2 *	13411.37	25.22	16.49	41.71	68.20	-26.49	AVG	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE80) Mode 6705 MHz	Polarization	Horizontal
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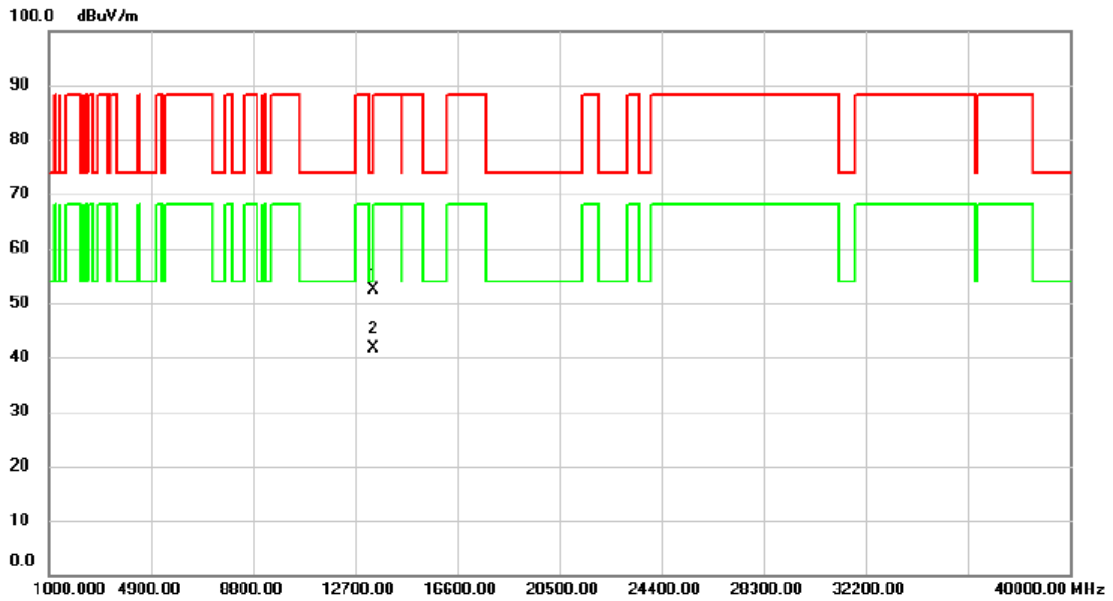


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6715.800	52.50	18.88	71.38	68.20	3.18	AVG	No Limit
2		6731.800	62.24	18.93	81.17	88.20	-7.03	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE80) Mode 6705 MHz	Polarization	Horizontal
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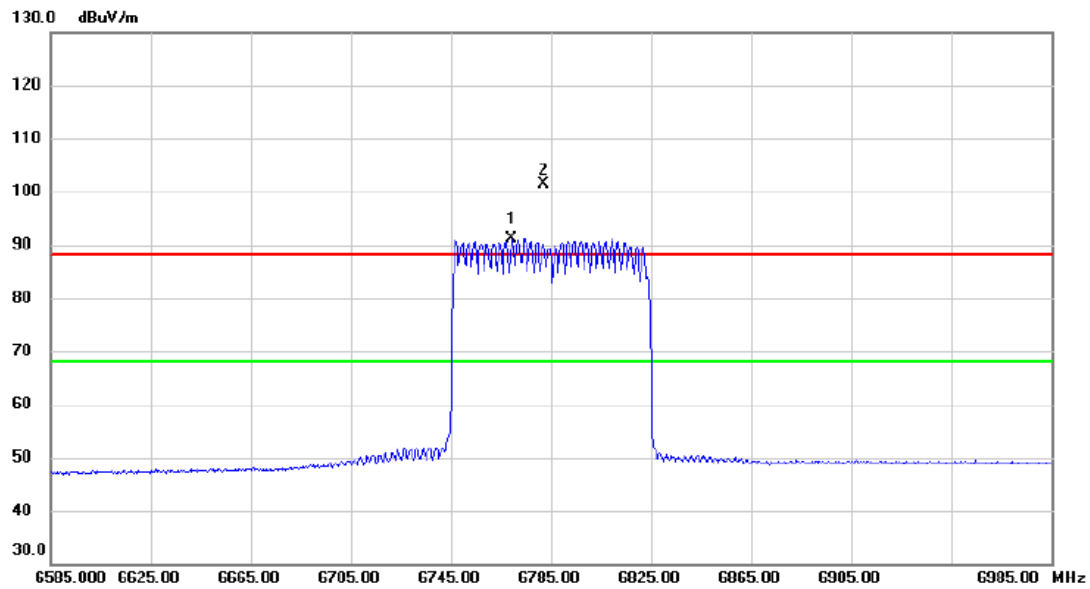


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	13411.83	35.95	16.49	52.44	88.20	-35.76	peak	
2 *	13412.21	25.24	16.49	41.73	68.20	-26.47	AVG	

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE80) Mode 6785 MHz	Polarization	Vertical
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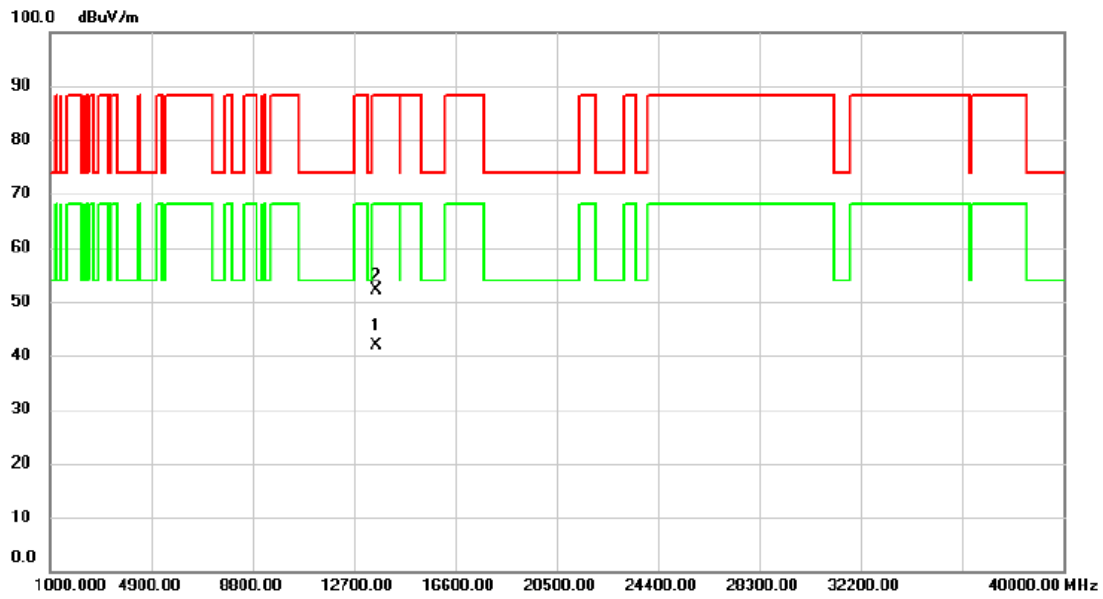


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6769.400	72.13	19.06	91.19	68.20	22.99	AVG	No Limit
2	X	6782.200	82.27	19.09	101.36	88.20	13.16	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE80) Mode 6785 MHz	Polarization	Vertical
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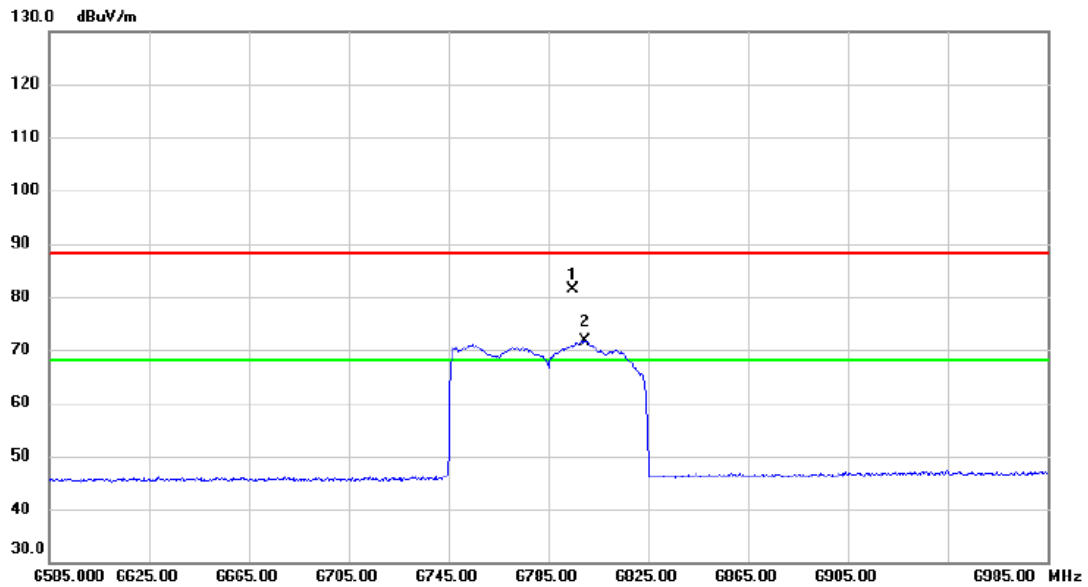


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13570.73	25.05	16.83	41.88	68.20	-26.32	AVG	
2		13571.27	35.39	16.85	52.24	88.20	-35.96	peak	

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE80) Mode 6785 MHz	Polarization	Horizontal
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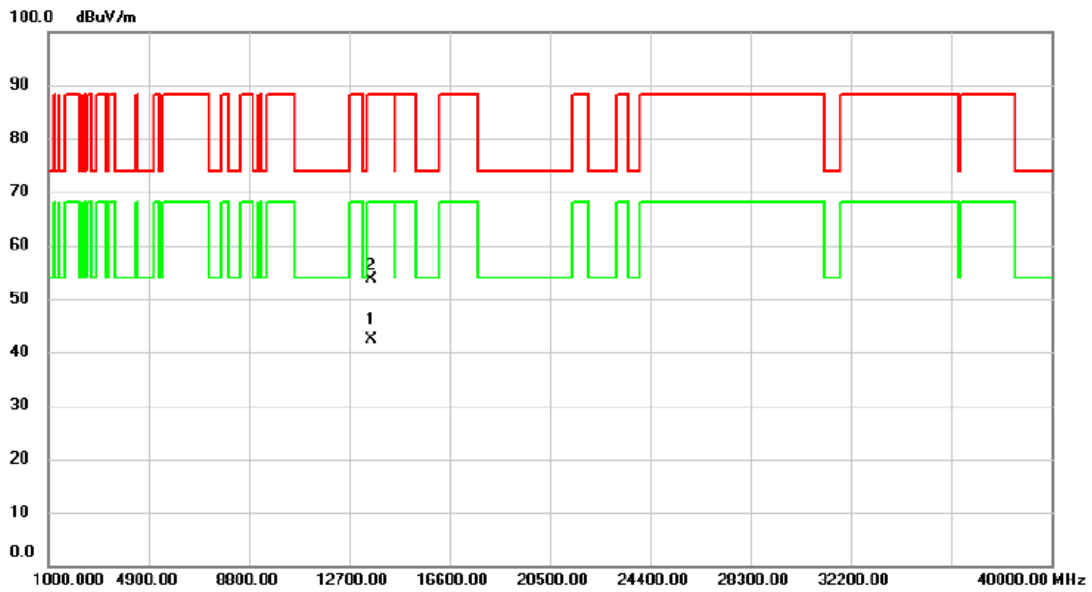


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6794.600	62.14	19.14	81.28	88.20	-6.92	peak	No Limit
2 *	6799.800	52.51	19.15	71.66	68.20	3.46	AVG	No Limit

REMARKS:

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

Test Mode	UNII-7_TX AX(HE80) Mode 6785 MHz	Polarization	Horizontal
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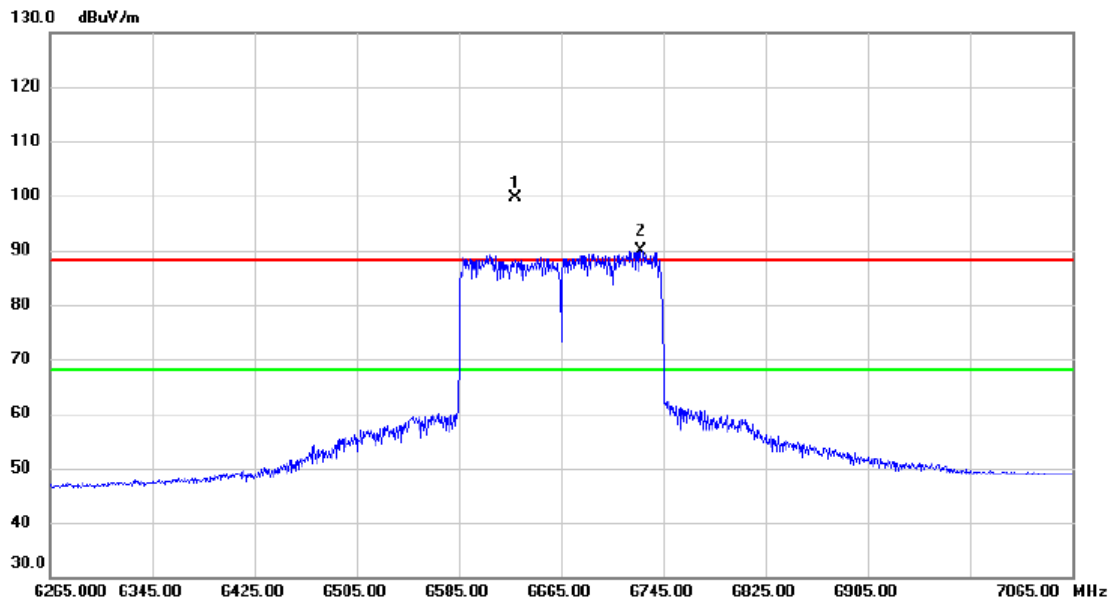


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13570.08	25.50	16.83	42.33	68.20	-25.87	AVG	
2		13570.93	36.79	16.85	53.64	88.20	-34.56	peak	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE160) Mode 6665 MHz	Polarization	Vertical
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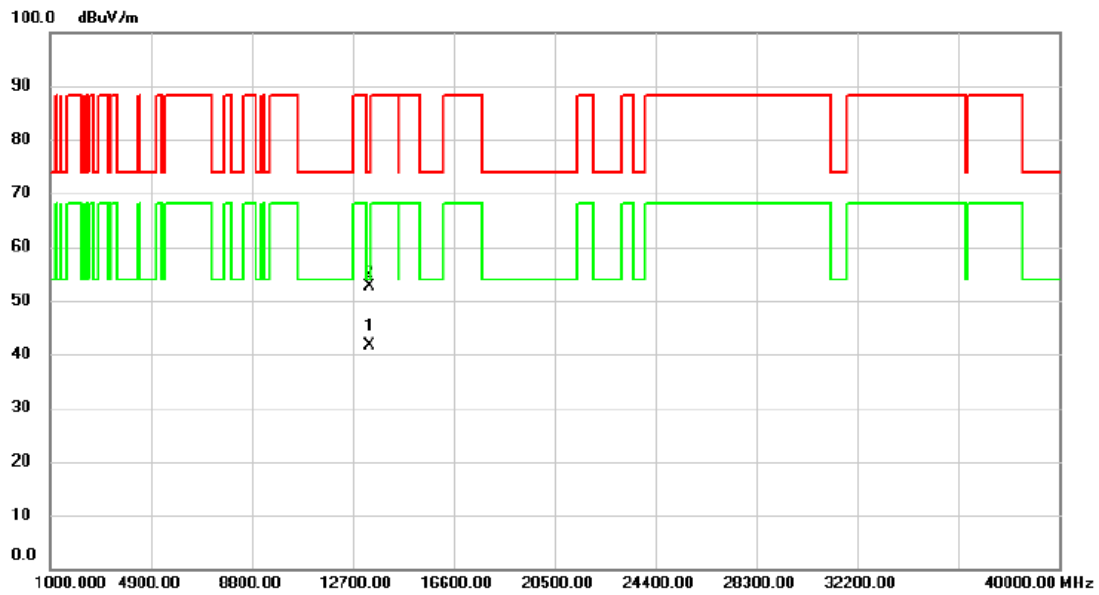
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6629.000	81.07	18.61	99.68	88.20	11.48	peak	No Limit
2	*	6727.400	71.07	18.92	89.99	68.20	21.79	AVG	No Limit

**REMARKS:**

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



Test Mode	UNII-7_TX AX(HE160) Mode 6665 MHz	Polarization	Vertical
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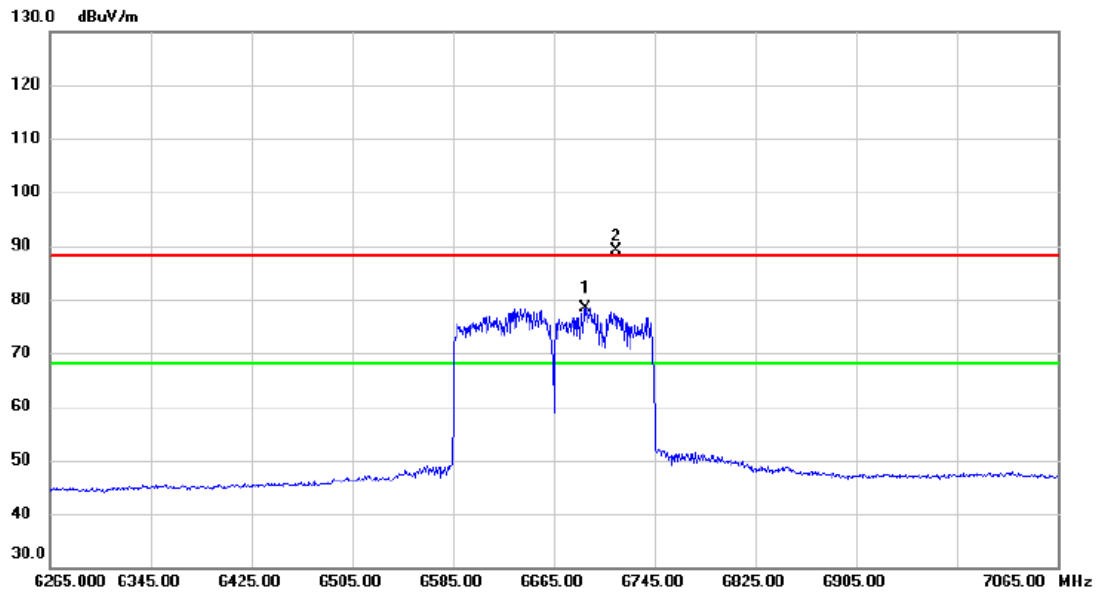


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13327.83	25.38	16.36	41.74	54.00	-12.26	AVG	
2		13328.59	36.23	16.36	52.59	74.00	-21.41	peak	

REMARKS:

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

Test Mode	UNII-7_TX AX(HE160) Mode 6665 MHz	Polarization	Horizontal
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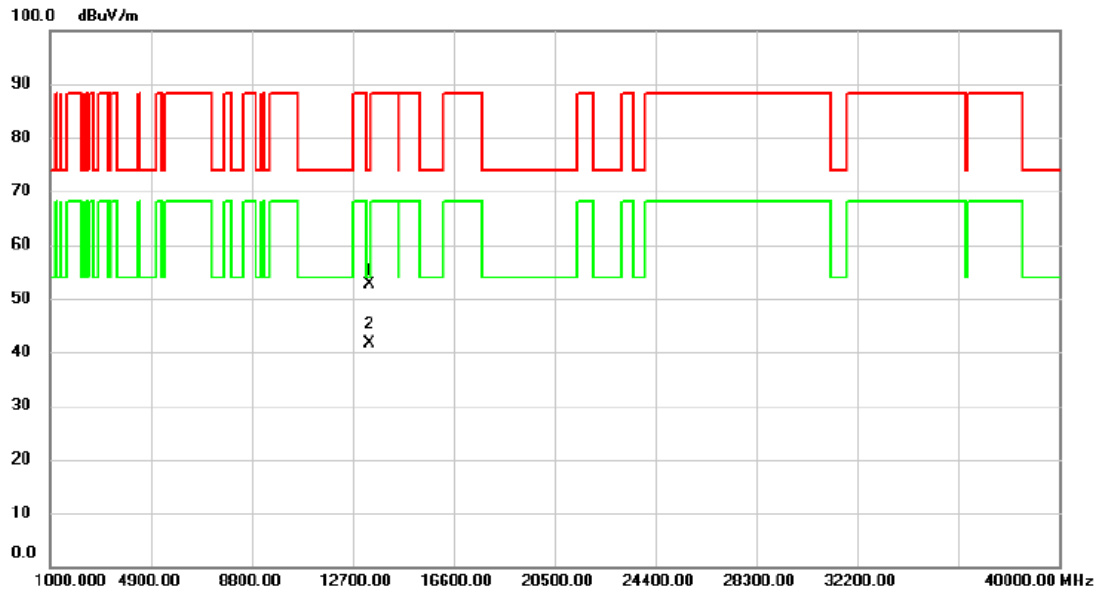


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6689.800	59.56	18.80	78.36	68.20	10.16	AVG	No Limit
2	X	6714.600	70.22	18.88	89.10	88.20	0.90	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-7_TX AX(HE160) Mode 6665 MHz	Polarization	Horizontal
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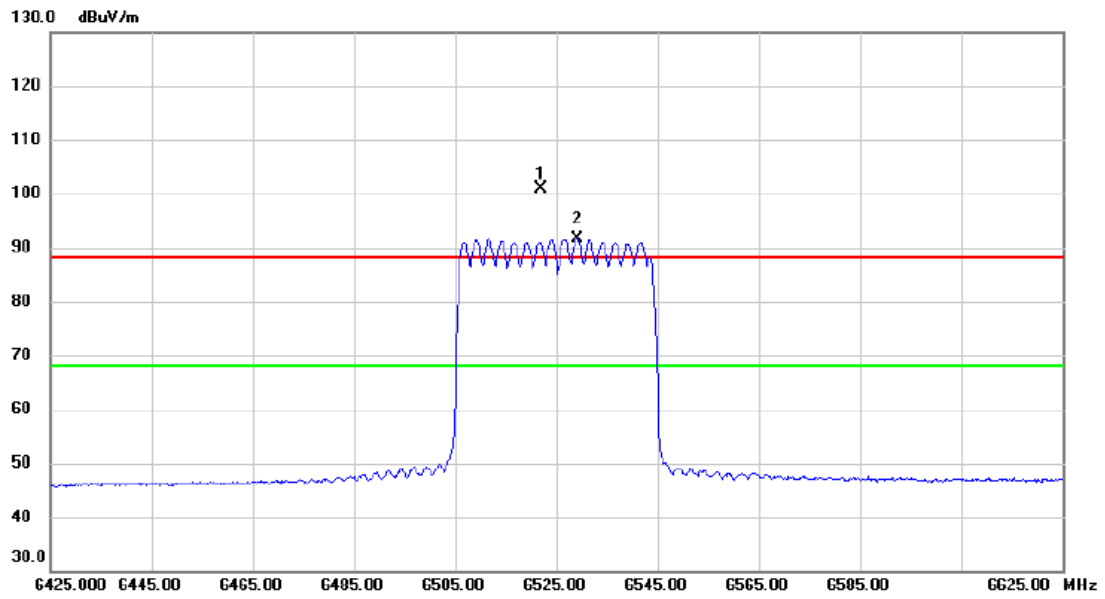


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13328.55	36.29	16.36	52.65	74.00	-21.35	peak	
2	*	13331.66	25.38	16.37	41.75	54.00	-12.25	AVG	

REMARKS:

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

Test Mode	UNII-6+UNII-7_TX AX(HE40) Mode 6525 MHz	Polarization	Vertical
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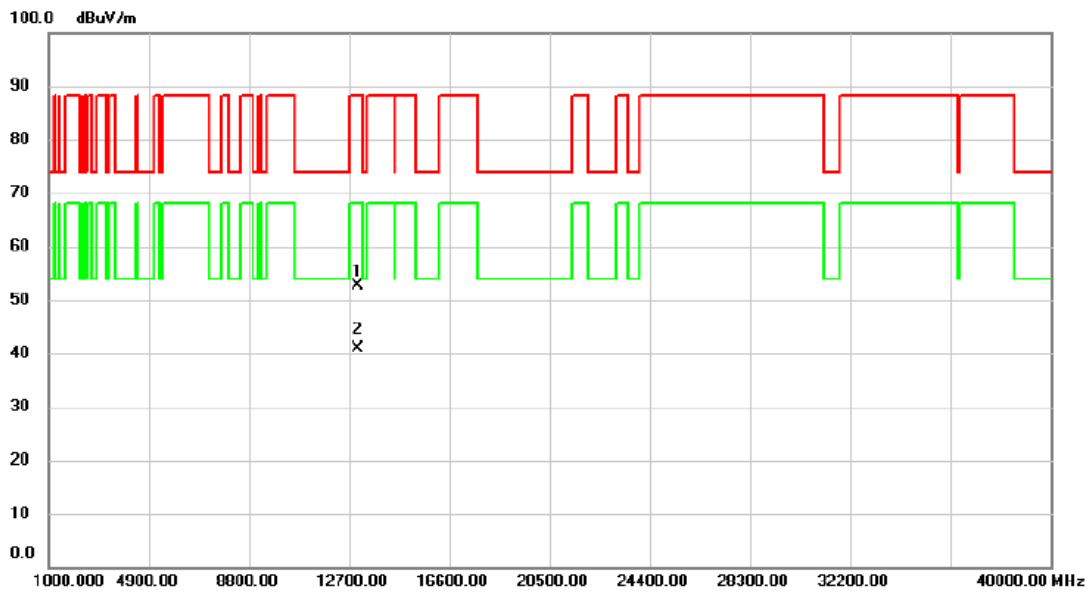
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6521.800	82.66	18.26	100.92	88.20	12.72	peak	No Limit
2	*	6529.200	73.42	18.29	91.71	68.20	23.51	AVG	No Limit

**REMARKS:**

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

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

Test Mode	UNII-6+UNII-7_TX AX(HE40) Mode 6525 MHz	Polarization	Vertical
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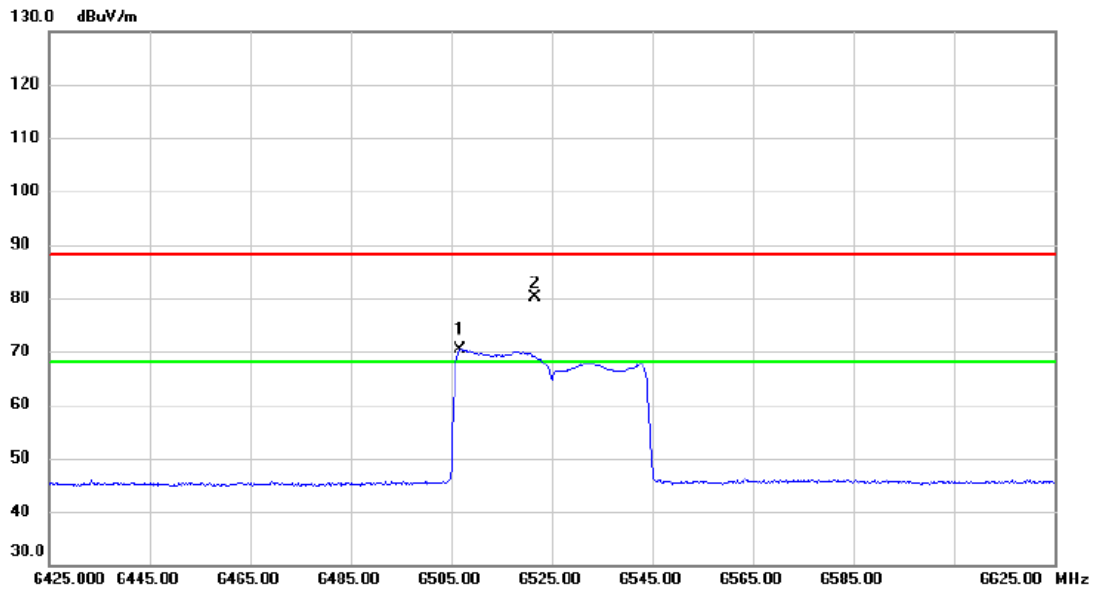


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13048.89	36.68	15.95	52.63	88.20	-35.57	peak	
2	*	13049.06	24.93	15.95	40.88	68.20	-27.32	AVG	

**REMARKS:**

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

Test Mode	UNII-6+UNII-7_TX AX(HE40) Mode 6525 MHz	Polarization	Horizontal
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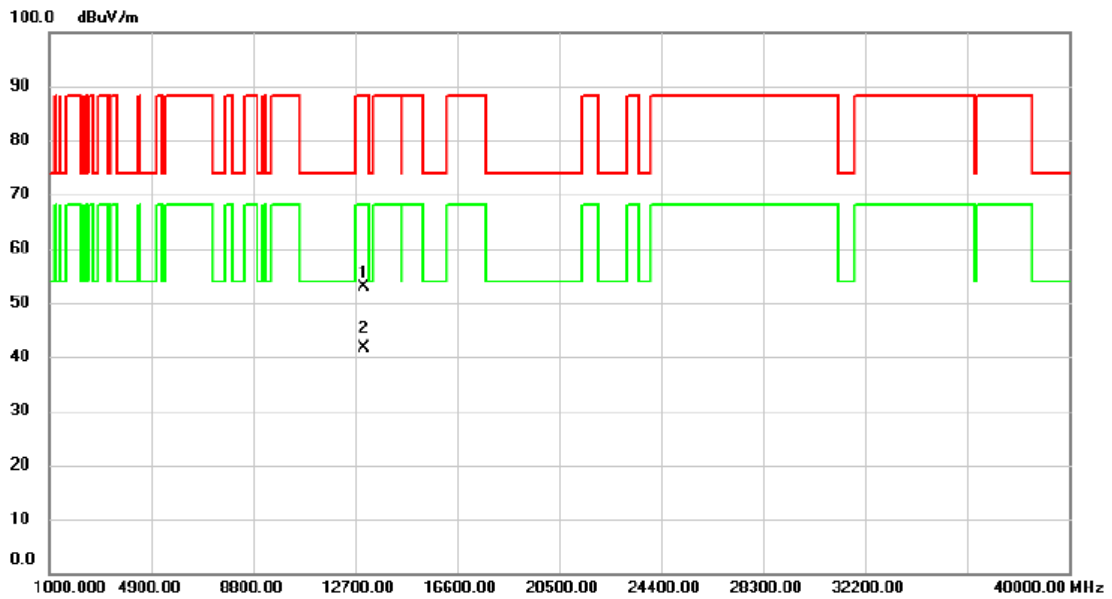


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6506.800	52.08	18.22	70.30	68.20	2.10	AVG	No Limit
2		6521.600	61.82	18.26	80.08	88.20	-8.12	peak	No Limit

REMARKS:

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

Test Mode	UNII-6+UNII-7_TX AX(HE40) Mode 6525 MHz	Polarization	Horizontal
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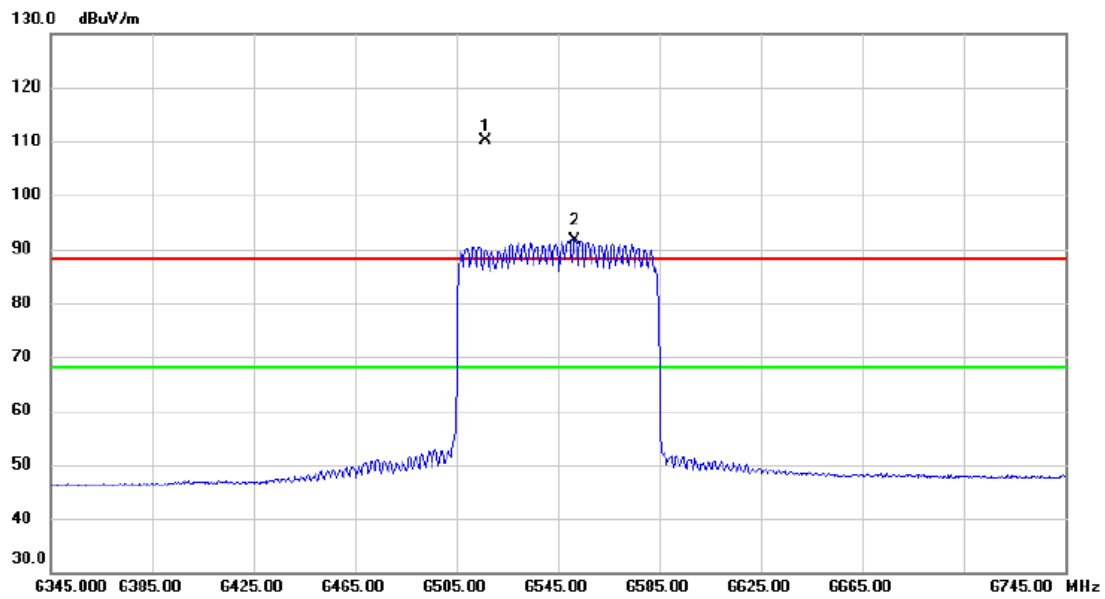


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	13047.90	36.87	15.95	52.82	88.20	-35.38	peak	
2 *	13051.90	25.67	15.96	41.63	68.20	-26.57	AVG	

**REMARKS:**

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

Test Mode	UNII-6+UNII-7_TX AX(HE80) Mode 6545 MHz	Polarization	Vertical
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6516.600	91.79	18.25	110.04	88.20	21.84	peak	No Limit
2	*	6551.800	73.30	18.37	91.67	68.20	23.47	AVG	No Limit

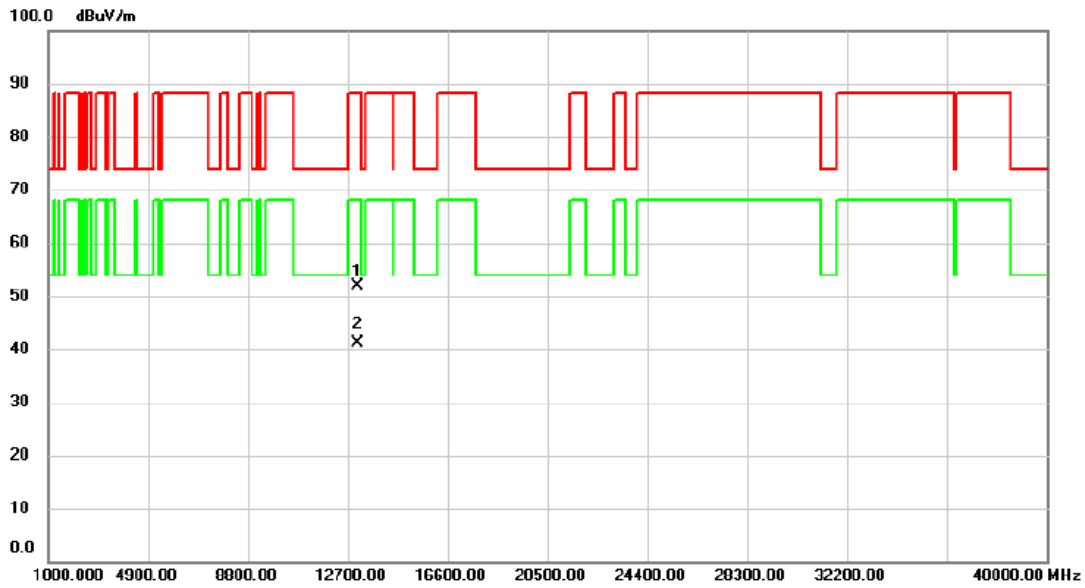
**REMARKS:**

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

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



Test Mode	UNII-6+UNII-7_TX AX(HE80) Mode 6545 MHz	Polarization	Vertical
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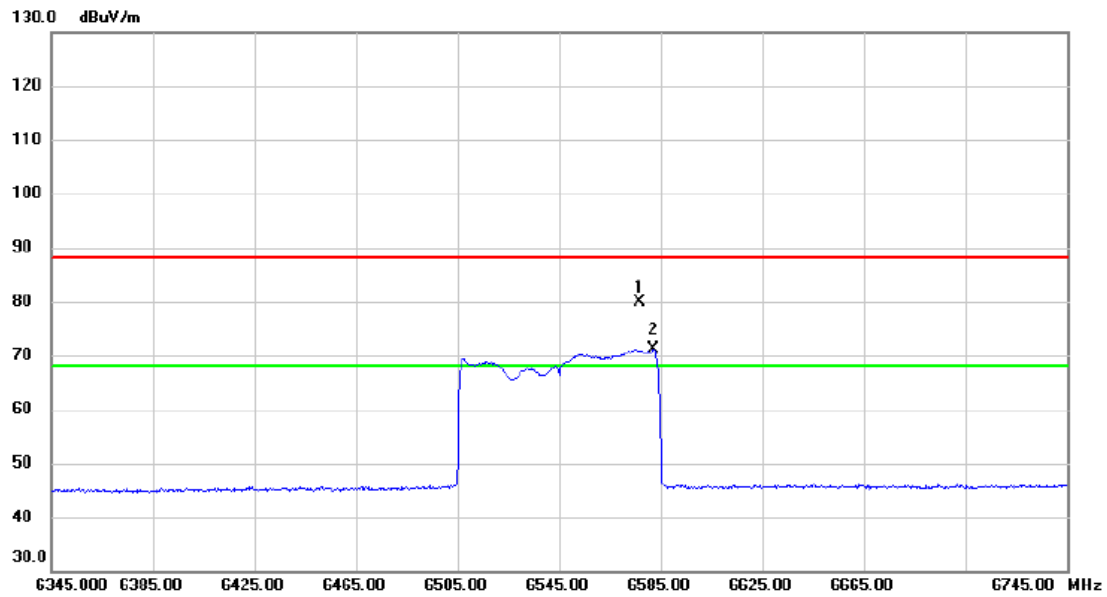


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13089.91	35.97	16.01	51.98	88.20	-36.22	peak	
2	*	13090.03	25.13	16.01	41.14	68.20	-27.06	AVG	

REMARKS:

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

Test Mode	UNII-6+UNII-7_TX AX(HE80) Mode 6545 MHz	Polarization	Horizontal
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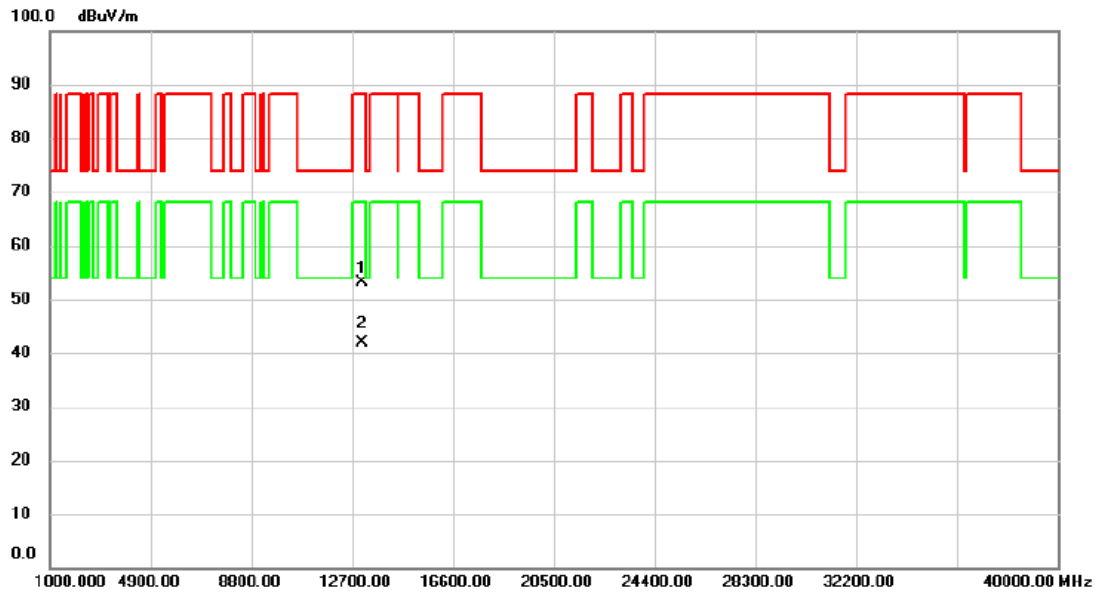


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6576.600	61.33	18.44	79.77	88.20	-8.43	peak	No Limit
2	*	6582.200	52.66	18.46	71.12	68.20	2.92	AVG	No Limit

REMARKS:

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

Test Mode	UNII-6+UNII-7_TX AX(HE80) Mode 6545 MHz	Polarization	Horizontal
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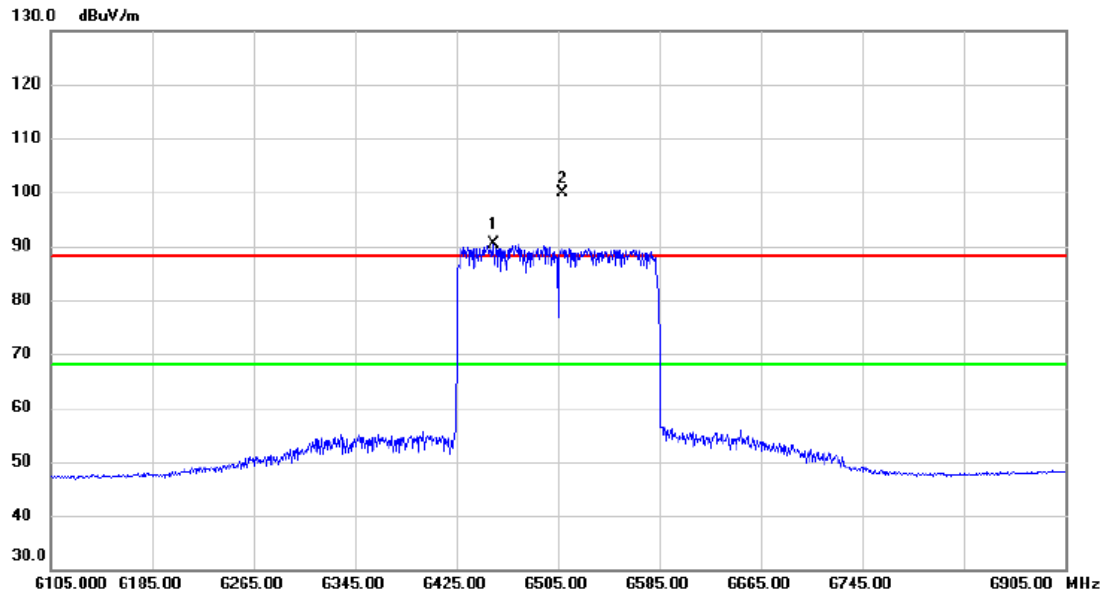


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		13088.35	37.23	16.01	53.24	88.20	-34.96	peak	
2	*	13090.10	25.79	16.01	41.80	68.20	-26.40	AVG	

REMARKS:

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

Test Mode	UNII-6+UNII-7_TX AX(HE160) Mode 6505 MHz	Polarization	Vertical
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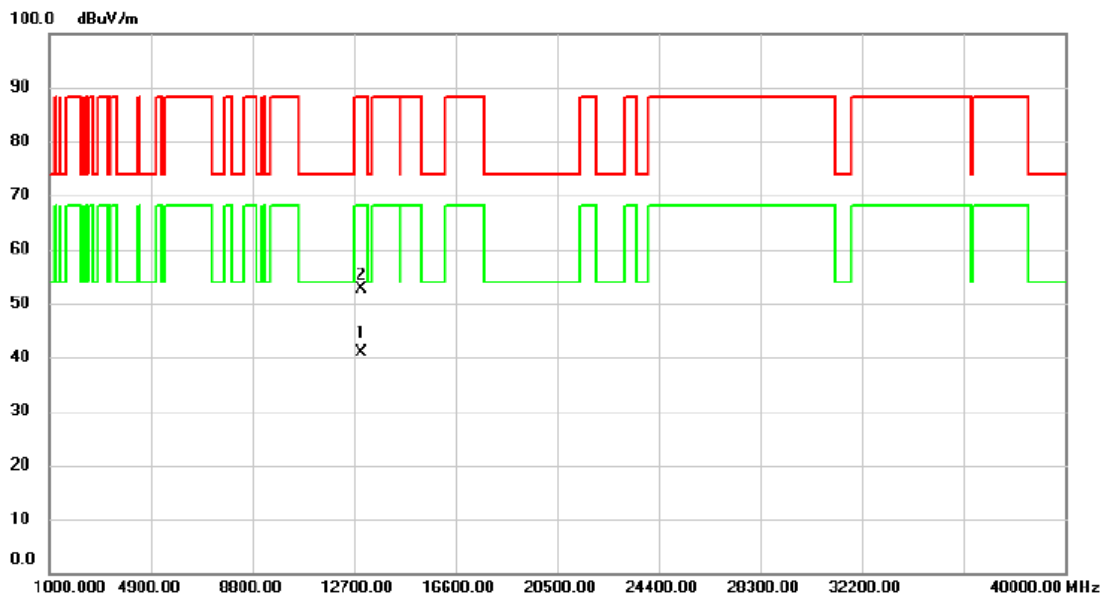


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6453.800	72.25	18.09	90.34	68.20	22.14	AVG	No Limit
2	X	6509.000	81.54	18.23	99.77	88.20	11.57	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-6+UNII-7_TX AX(HE160) Mode 6505 MHz	Polarization	Vertical
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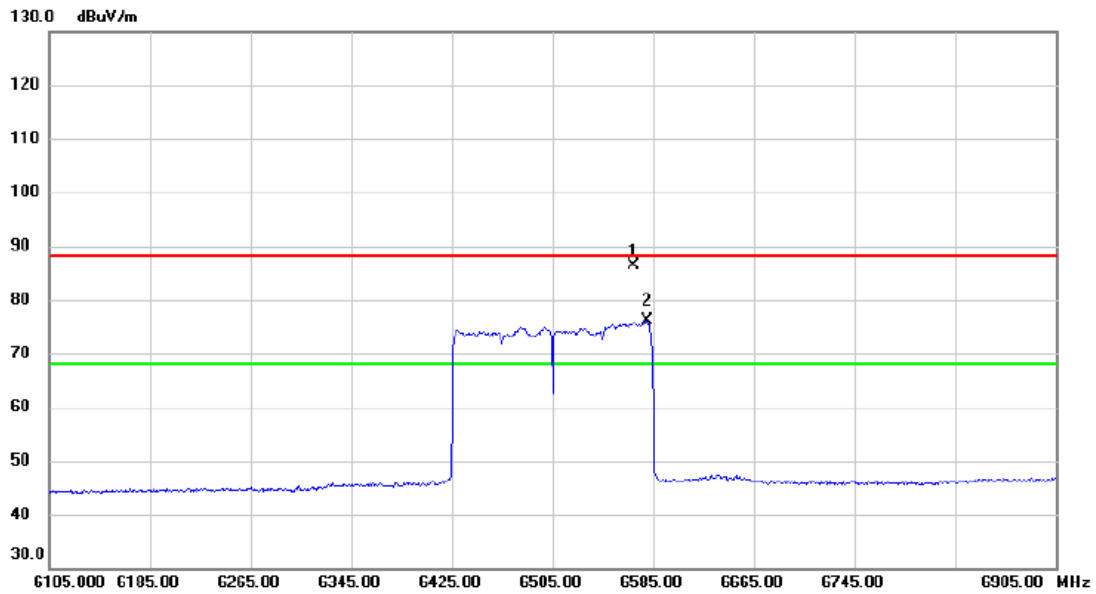


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	13007.63	24.93	15.89	40.82	68.20	-27.38	AVG	
2	13010.35	36.80	15.90	52.70	88.20	-35.50	peak	

**REMARKS:**

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

Test Mode	UNII-6+UNII-7_TX AX(HE160) Mode 6505 MHz	Polarization	Horizontal
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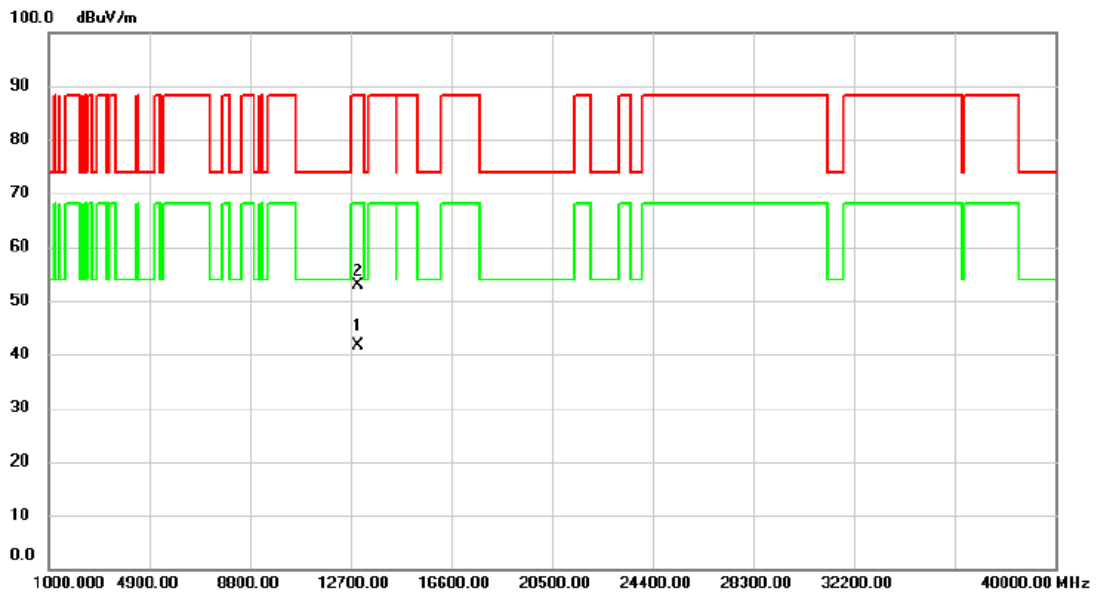


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6569.800	68.00	18.43	86.43	88.20	-1.77	peak	No Limit
2	*	6580.200	57.65	18.46	76.11	68.20	7.91	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-6+UNII-7_TX AX(HE160) Mode 6505 MHz	Polarization	Horizontal
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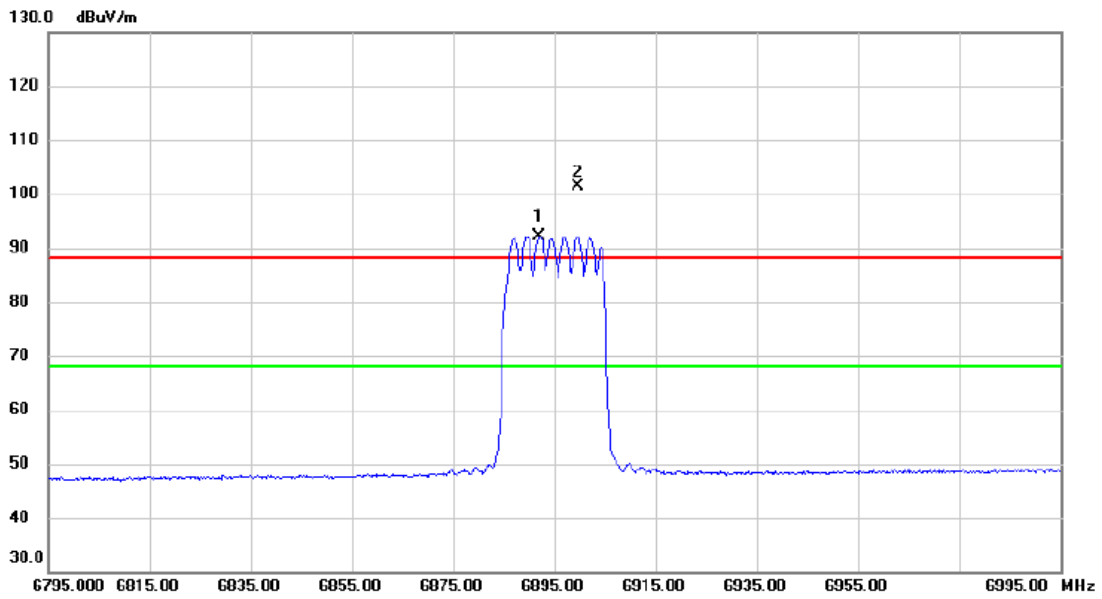


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13010.06	25.70	15.90	41.60	68.20	-26.60	AVG	
2		13010.88	37.06	15.90	52.96	88.20	-35.24	peak	

**REMARKS:**

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

Test Mode	UNII-8_TX AX(HE20) Mode 6895 MHz	Polarization	Vertical
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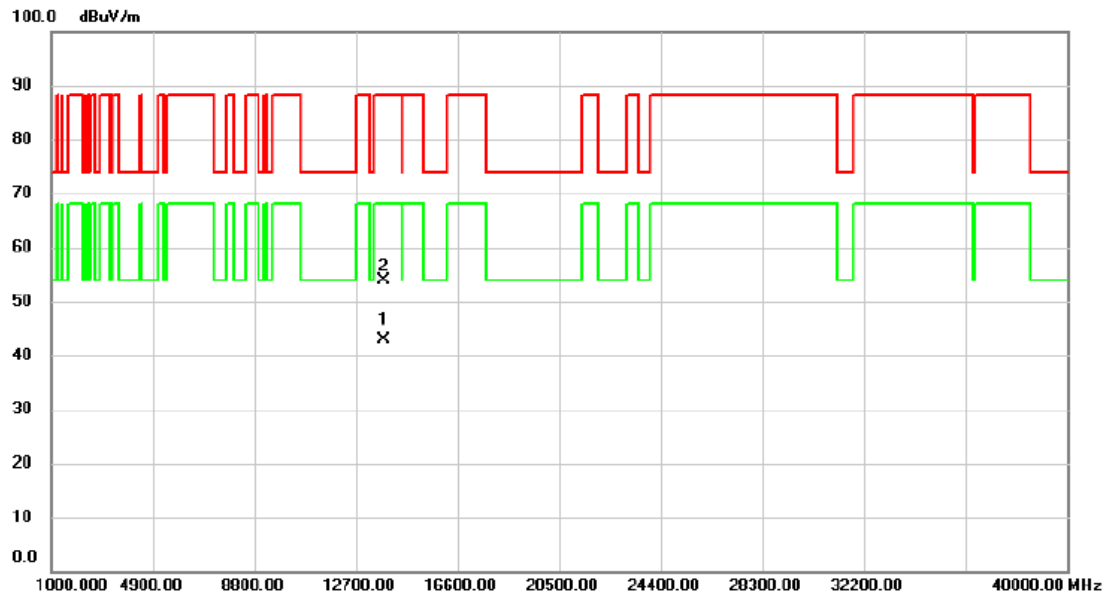
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6892.000	72.70	19.44	92.14	68.20	23.94	AVG	No Limit
2	X	6899.600	81.98	19.47	101.45	88.20	13.25	peak	No Limit

**REMARKS:**

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



Test Mode	UNII-8_TX AX(HE20) Mode 6895 MHz	Polarization	Vertical
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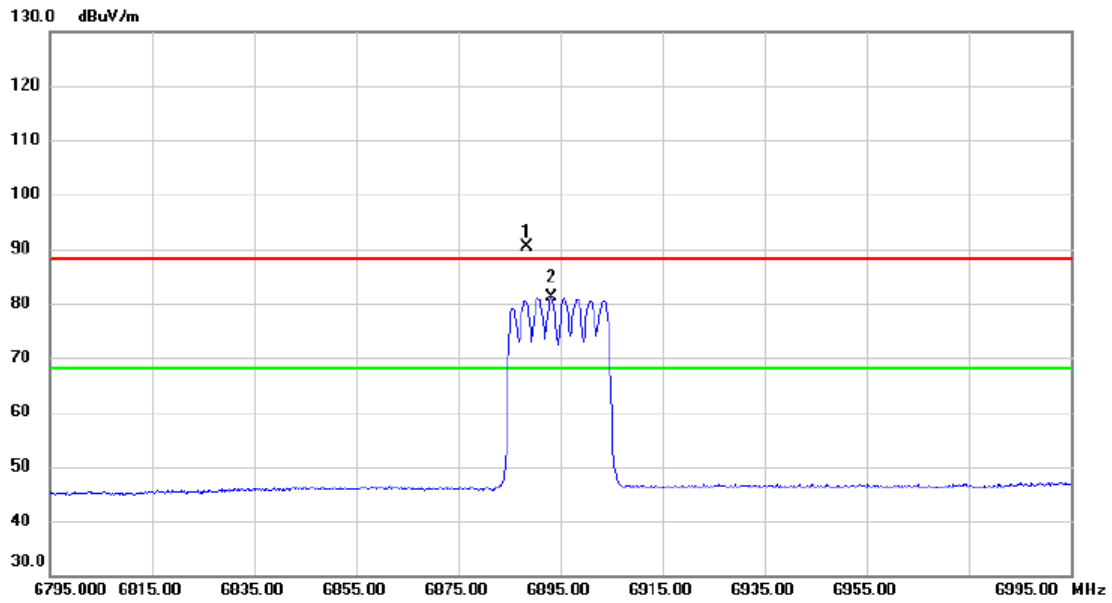


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13790.80	25.44	17.52	42.96	68.20	-25.24	AVG	
2		13791.36	36.31	17.52	53.83	88.20	-34.37	peak	

**REMARKS:**

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

Test Mode	UNII-8_TX AX(HE20) Mode 6895 MHz	Polarization	Horizontal
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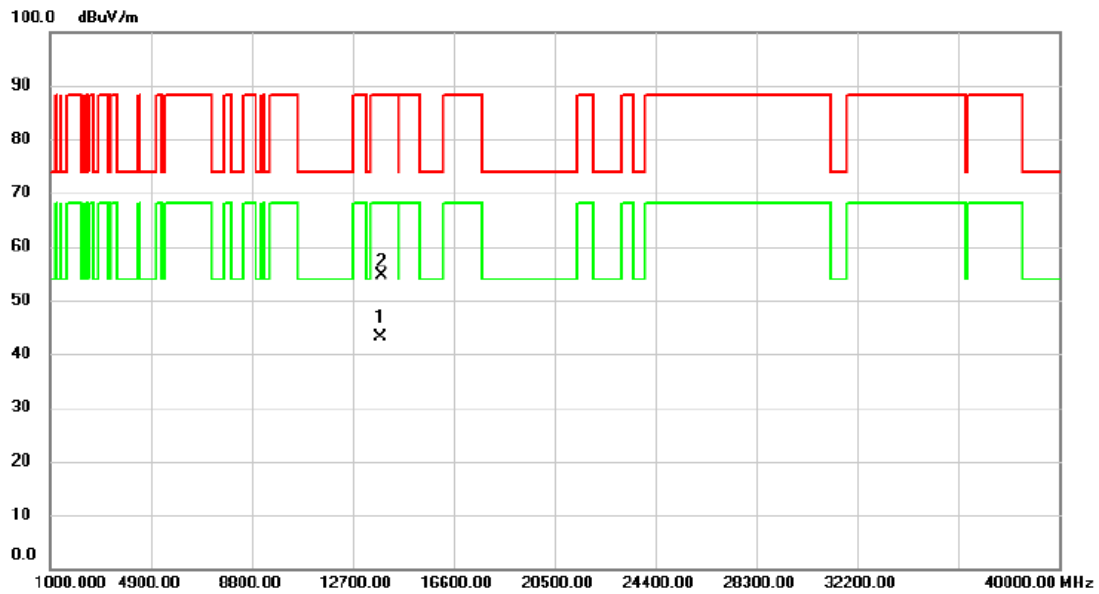


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	6888.400	70.82	19.44	90.26	88.20	2.06	peak	No Limit
2	*	6893.200	61.65	19.45	81.10	68.20	12.90	AVG	No Limit

**REMARKS:**

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

Test Mode	UNII-8_TX AX(HE20) Mode 6895 MHz	Polarization	Horizontal
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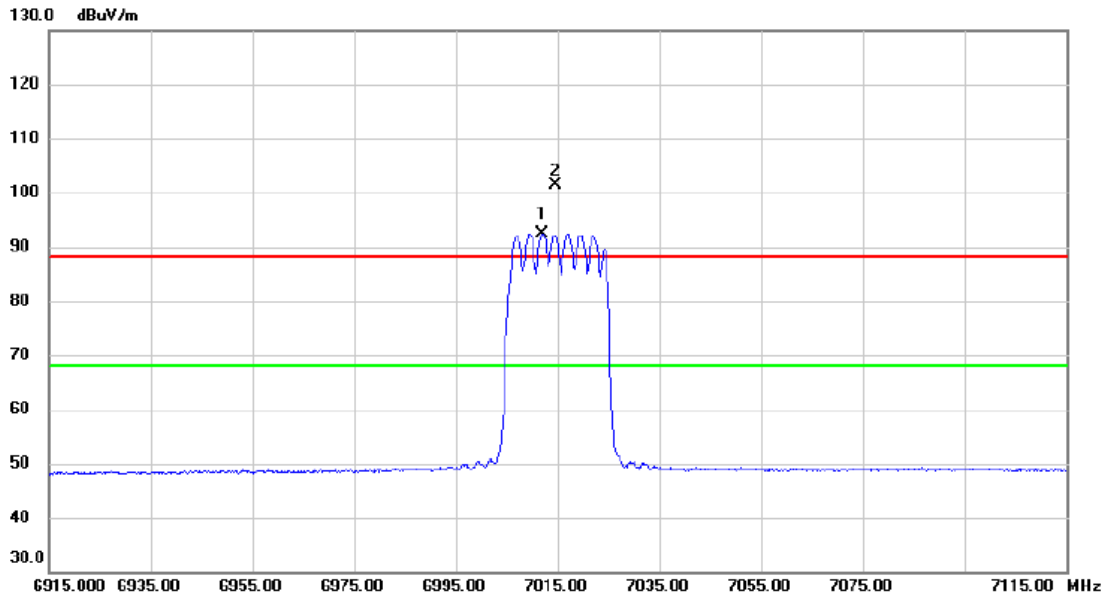


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13789.93	25.70	17.52	43.22	68.20	-24.98	AVG	
2		13792.08	37.01	17.52	54.53	88.20	-33.67	peak	

**REMARKS:**

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

Test Mode	UNII-8_TX AX(HE20) Mode 7015 MHz	Polarization	Vertical
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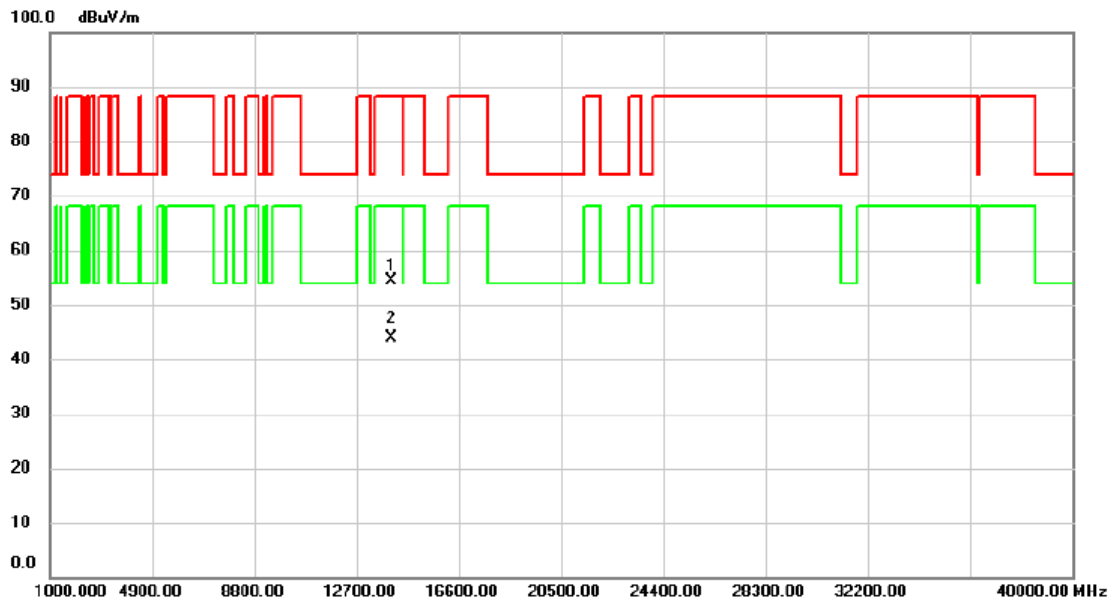


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7012.000	72.68	19.80	92.48	68.20	24.28	AVG	No Limit
2	X	7014.600	81.69	19.80	101.49	88.20	13.29	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-8_TX AX(HE20) Mode 7015 MHz	Polarization	Vertical
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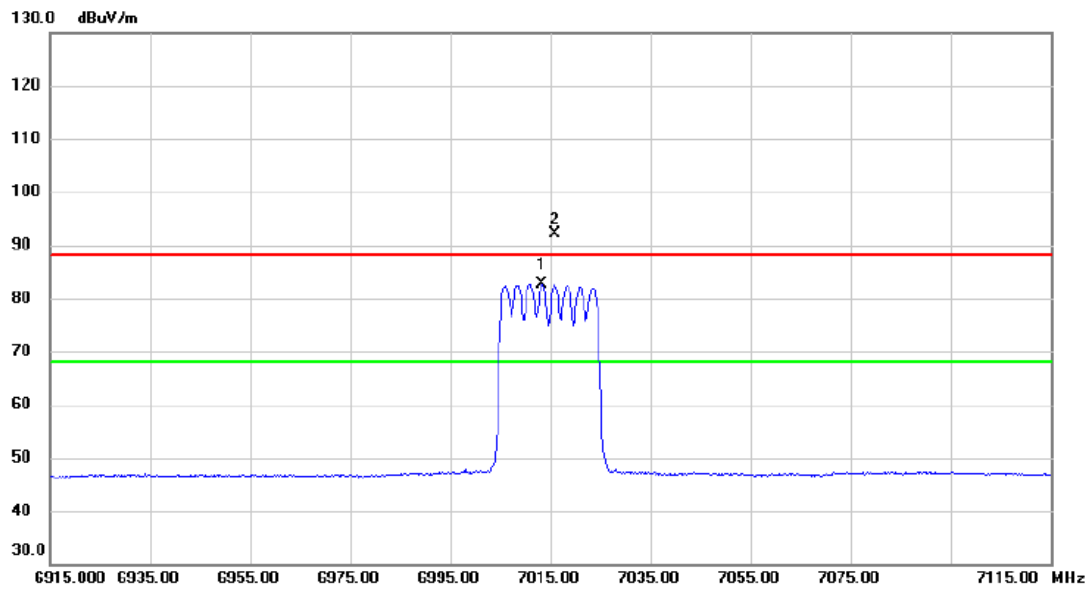


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		14028.12	36.18	18.24	54.42	88.20	-33.78	peak	
2	*	14028.55	25.57	18.25	43.82	68.20	-24.38	AVG	

**REMARKS:**

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

Test Mode	UNII-8_TX AX(HE20) Mode 7015 MHz	Polarization	Horizontal
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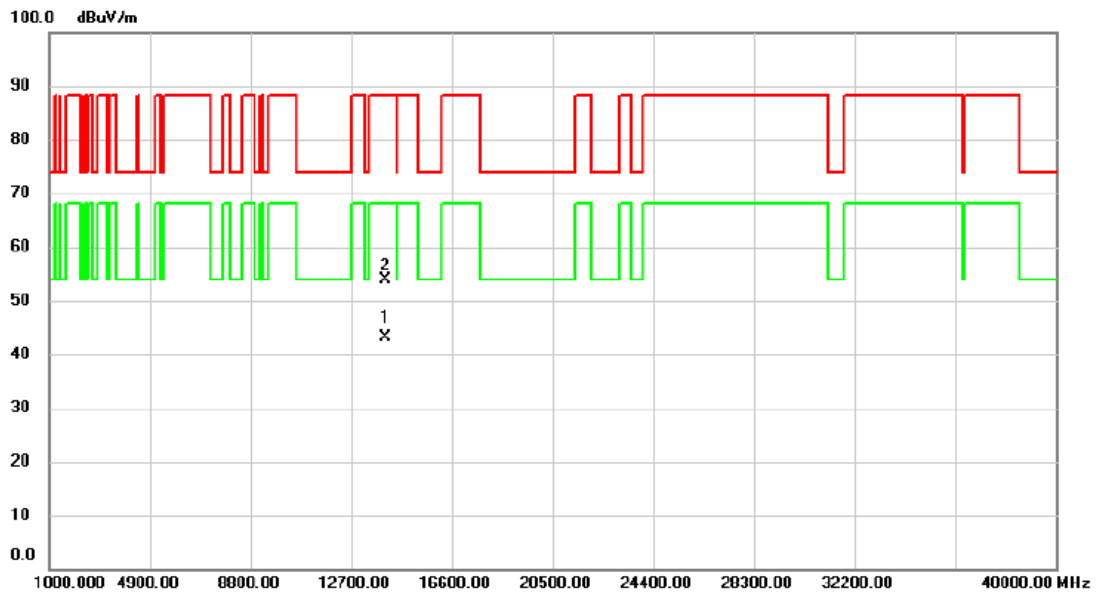


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7013.400	62.88	19.80	82.68	68.20	14.48	AVG	No Limit
2	X	7015.800	72.41	19.80	92.21	88.20	4.01	peak	No Limit

**REMARKS:**

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

Test Mode	UNII-8_TX AX(HE20) Mode 7015 MHz	Polarization	Horizontal
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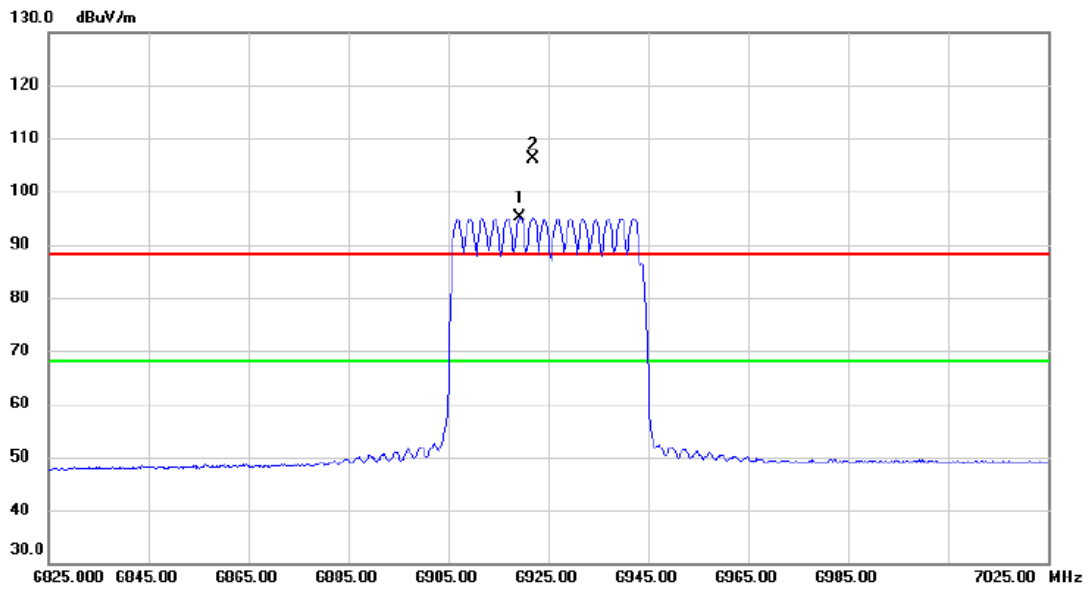


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	14028.55	24.80	18.25	43.05	68.20	-25.15	AVG	
2		14030.96	35.65	18.25	53.90	88.20	-34.30	peak	

**REMARKS:**

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

Test Mode	UNII-8_TX AX(HE40) Mode 6925 MHz	Polarization	Vertical
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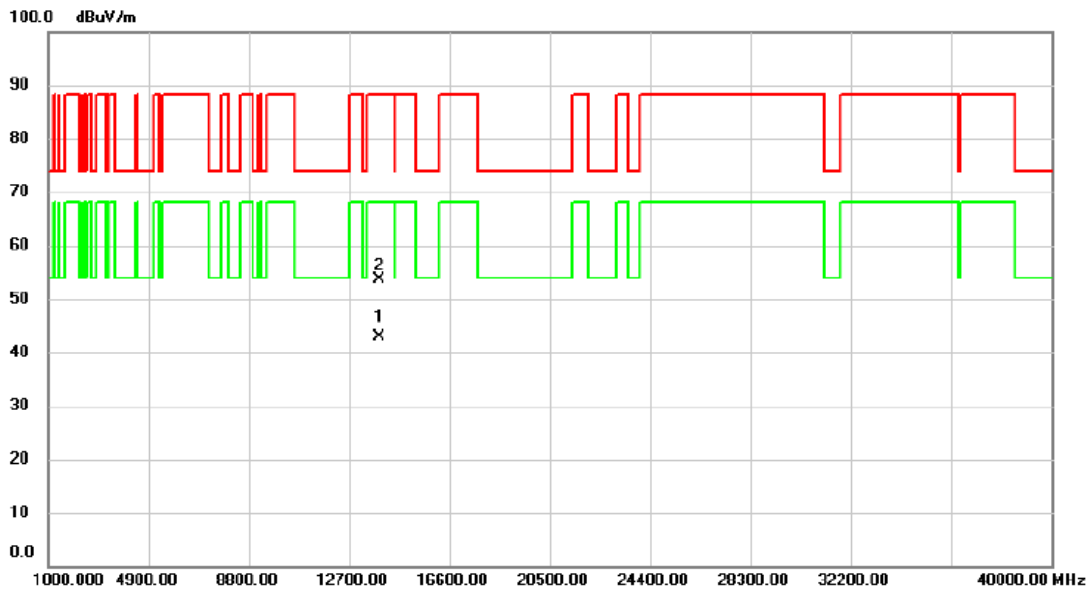
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	6919.400	75.61	19.53	95.14	68.20	26.94	AVG	No Limit
2	X	6921.800	86.55	19.54	106.09	88.20	17.89	peak	No Limit

REMARKS:

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



Test Mode	UNII-8_TX AX(HE40) Mode 6925 MHz	Polarization	Vertical
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	13848.72	25.26	17.70	42.96	68.20	-25.24	AVG	
2		13849.81	36.04	17.70	53.74	88.20	-34.46	peak	

**REMARKS:**

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