FCC Radio Test Report

FCC ID: 2BCGWTBE552E

This report concerns: Original Grant

Project No.	:	2403G002
Equipment	:	BE9300 Wi-Fi 7 Bluetooth PCIe Adapter
Brand Name	:	tp-link
Test Model	:	Archer TBE552E
Series Model	:	N/A
Applicant	:	TP-LINK CORPORATION PTE. LTD.
Address	:	7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987
Manufacturer	:	TP-LINK CORPORATION PTE. LTD.
Address	:	7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987
Date of Receipt	:	Mar. 01, 2024
Date of Test	:	Mar. 01, 2024 ~ Jul. 16, 2024
Issued Date	:	Jul. 24, 2024
Report Version	:	R02
Test Sample	:	Engineering Sample No.: SSL20240301184
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart E

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

Prepared by : Grani Zhou
Grani Zhou

Approved by : Chay . Cai
Chay Cai

Room 108, Building 2, No.1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong, People's Republic of China
Tel: +86-769-8318-3000 Web: www.newbtl.com Service mail: btl_qa@newbtl.com

Declaration

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

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

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

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

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

Limitation

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

Table of Contents

	Page
REPORT ISSUED HISTORY	5
1 . APPLICABLE STANDARDS	6
2 . SUMMARY OF TEST RESULTS	6
2.1 TEST FACILITY	7
2.2 MEASUREMENT UNCERTAINTY	7
2.3 TEST ENVIRONMENT CONDITIONS	7
3 . GENERAL INFORMATION	8
3.1 GENERAL DESCRIPTION OF EUT	8
3.2 TEST MODES	13
3.3 PARAMETERS OF TEST SOFTWARE	15
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	16
3.5 SUPPORT UNITS	16
3.6 CUSTOMER INFORMATION DESCRIPTION	16
4 . RADIATED EMISSIONS	17
4.1 LIMIT	17
4.2 TEST PROCEDURE	17
4.3 DEVIATION FROM TEST STANDARD	18
4.4 TEST SETUP	18
4.5 EUT OPERATION CONDITIONS	20
4.6 TEST RESULTS - 30 MHZ TO 1 GHZ	20
4.7 TEST RESULTS - ABOVE 1000 MHZ	20
5 . MAXIMUM E.I.R.P.	21
5.1 LIMIT	21
5.2 TEST PROCEDURE	21
5.3 DEVIATION FROM STANDARD	21
5.4 TEST SETUP	22
5.5 EUT OPERATION CONDITIONS	22
5.6 TEST RESULTS	22
6 . MEASUREMENT INSTRUMENTS LIST	23
7 . EUT TEST PHOTOS	25
APPENDIX A - RADIATED EMISSION - 30 MHZ TO 1000 MHZ	28

Table of Contents

	Page
APPENDIX B - RADIATED EMISSION - ABOVE 1000 MHZ	**31**
APPENDIX C - MAXIMUM E.I.R.P.	**155**

REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2403G002	R00	Original Report.	Jul. 01, 2024	Invalid
BTL-FCCP-1-2403G002	R01	Revised report to address comments.	Jul. 22, 2024	Invalid
BTL-FCCP-1-2403G002	R02	Revised report to address comments.	Jul. 24, 2024	Valid

1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:
ANSI C63.10-2013
The following reference test guidance is not within the scope of accreditation of A2LA:
KDB 987594 D02 U-NII 6GHz EMC Measurement v02r01
KDB 789033 D02 General UNII Test Procedures New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

2. 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**
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX A APPENDIX B	PASS	------
15.407(a)	Maximum e.i.r.p.	APPENDIX C	PASS	------

Note:
(1) "N/A" denotes test is not applicable in this test report.
(2) The RF module of this BE9300 Wi-Fi 7 Bluetooth PCIe Adapter has been tested and certified. Please refer to the module report as listed in the below table for the test results of the RF module.

RF Module Model	FCC ID	Module Function	Report Number	Standard
MT7927	RAS-MT7927	WIFI 6E	RFBARR-WTW-P22060042-2 R1	47 CFR FCC Part 15, Subpart E (Section 15.407) ANSI C63.10-2013

Note:
1) The antenna gain of EUT is smaller than that of the module. So in this report the worst cases of radiated emissions above 1G and output power were evaluated and recorded in the report. For the test results of all other test items please refer to module test reports.
2) The device is only 6XD, so only data from the 6XD part of the module is referenced.
3) 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)

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Dalang, Dongguan City, Guangdong People's Republic of China.
BTL's Registration Number for FCC: 747969
BTL's Designation Number for FCC: CN1377

2.2 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. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	*U*,(dB)
DG-CB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.40
		30MHz ~ 200MHz	H	3.62
		200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	H	3.98

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	4.08
		6GHz ~ 18GHz	4.62

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.36

B. Other Measurement test:

Test Item	Uncertainty
Maximum e.i.r.p.	1.3 dB
Temperature	0.8 °C
Humidity	2.2 %

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

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
Radiated Emissions-30MHz to 1000MHz	25°C	60%	AC 120V/60Hz	Allen Tong	Jun. 30, 2024
Radiated Emissions-Above 1000 MHz	22°C 25°C	53% 60%	AC 120V/60Hz	Jensen Zhou	Jun. 01, 2024 Jul. 11, 2024 Jul. 12, 2024
Maximum e.i.r.p.	22°C	55%	AC 120V/60Hz	Oliver Wang	May 31, 2024

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	BE9300 Wi-Fi 7 Bluetooth PCIe Adapter
Brand Name	tp-link
Test Model	Archer TBE552E
Series Model	N/A
Model Difference(s)	N/A
Hardware Version	1.0
Software Version	1.0
Power Source	Supplied from PCIe Slot.
Power Rating	DC 3.3V
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 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54 Mbps IEEE 802.11ax: up to 1201.0 Mbps IEEE 802.11be: up to 5764.8 Mbps
Maximum e.i.r.p. _UNII-8	IEEE 802.11be(EHT320): 18.70 dBm (0.0741 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 802.11a, IEEE 802.11ax(HE20), IEEE 802.11be(EHT20)					
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), IEEE 802.11be(EHT40)					
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), IEEE 802.11be(EHT80)					
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), IEEE 802.11be(EHT160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	6025	47	6185	79	6345

UNII-5					
IEEE 802.11be(EHT320)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)		
31	6125	63	6265		

UNII-6					
IEEE 802.11a, IEEE 802.11ax(HE20), IEEE 802.11be(EHT20)					
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), IEEE 802.11be(EHT40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
99	6445	107	6485	*115	6525

UNII-6					
IEEE 802.11ax(HE80), IEEE 802.11be(EHT80)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
103	6465				

UNII-6					
IEEE 802.11ax(HE160), IEEE 802.11be(EHT160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
111	6505				

UNII-6					
IEEE 802.11be(EHT320)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
*95	6425				

UNII-7					
IEEE 802.11ax(HE20), IEEE 802.11be(EHT20)					
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), IEEE 802.11be(EHT40)					
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), IEEE 802.11be(EHT80)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
*119	6545	151	6705	*183	6865
135	6625	167	6785		

UNII-7					
IEEE 802.11be(EHT160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
143	6665	*175	6825		

UNII-7					
IEEE 802.11be(EHT320)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
*127	6585	*159	6745		

UNII-8					
IEEE 802.11ax(HE20), IEEE 802.11be(EHT20)					
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	233	7115

UNII-8					
IEEE 802.11ax(HE40) , IEEE 802.11be(EHT40)					
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), IEEE 802.11be(EHT80)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
199	6945	215	7025		

UNII-8					
IEEE 802.11ac(VHT160), IEEE 802.11ax(HE160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
207	6985				

UNII-8					
IEEE 802.11be(EHT320)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
*191	6905				

Note: "*" mean this's straddle channel.

3. Antenna Specification:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-LINK CORPORATION PTE. LTD.	3101504215	Dipole	N/A	2.00
2	TP-LINK CORPORATION PTE. LTD.	3101504215	Dipole	N/A	2.00

Note:

a) The EUT incorporates a CDD function. Physically, the EUT provides two completed transmitters and receivers (2T2R). For Output Power, $N_{ANT} = 2 < 5$; so Directional gain=2.00.
The Direction gain is less than 6 dBi, so output power limits will not be reduced.

4. Table for Antenna Configuration:

Operating Mode / TX Mode	2TX
IEEE 802.11a	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE80)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE160)	V (Ant. 1 + Ant. 2))
IEEE 802.11be(EHT20)	V (Ant. 1 + Ant. 2)
IEEE 802.11be(EHT40)	V (Ant. 1 + Ant. 2)
IEEE 802.11be(EHT80)	V (Ant. 1 + Ant. 2)
IEEE 802.11be(EHT160)	V (Ant. 1 + Ant. 2)
IEEE 802.11be(EHT320)	V (Ant. 1 + Ant. 2)

3.2 TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode Channel 01/45/93 (UNII-5)
Mode 2	TX AX(HE20) Mode Channel 01/45/93 (UNII-5)
Mode 3	TX AX(HE40) Mode Channel 03/43/91 (UNII-5)
Mode 4	TX AX(HE80) Mode Channel 07/39/87 (UNII-5)
Mode 5	TX AX(HE160) Mode Channel 15/47/79 (UNII-5)
Mode 6	TX BE(EHT20) Mode Channel 01/45/93 (UNII-5)
Mode 7	TX BE(EHT40) Mode Channel 03/43/91 (UNII-5)
Mode 8	TX BE(EHT80) Mode Channel 07/39/87 (UNII-5)
Mode 9	TX BE(EHT160) Mode Channel 15/47/79 (UNII-5)
Mode 10	TX BE(EHT320) Mode Channel 31/63 (UNII-5)
Mode 11	TX A Mode Channel 97/105/113 (UNII-6)
Mode 12	TX AX(HE20) Mode Channel 97/105/113 (UNII-6)
Mode 13	TX AX(HE40) Mode Channel 99/107/115 (UNII-6)
Mode 14	TX AX(HE80) Mode Channel 103 (UNII-6)
Mode 15	TX AX(HE160) Mode Channel 111 (UNII-6)
Mode 16	TX BE(EHT20) Mode Channel 97/105/113 (UNII-6)
Mode 17	TX BE(EHT40) Mode Channel 99/107/115 (UNII-6)
Mode 18	TX BE(EHT80) Mode Channel 103 (UNII-6)
Mode 19	TX BE(EHT160) Mode Channel 111 (UNII-6)
Mode 20	TX BE(EHT320) Mode Channel 95 (UNII-6)
Mode 21	TX A Mode Channel 117/153/181/185 (UNII-7)
Mode 22	TX AX(HE20) Mode Channel 117/149/181 (UNII-7)
Mode 23	TX AX(HE40) Mode Channel 123/155/179 (UNII-7)
Mode 24	TX AX(HE80) Mode Channel 119/135/151/167/183 (UNII-7)
Mode 25	TX AX(HE160) Mode Channel 143/175 (UNII-7)
Mode 26	TX BE(EHT20) Mode Channel 117/149/181 (UNII-7)
Mode 27	TX BE(EHT40) Mode Channel 123/155/179 (UNII-7)
Mode 28	TX BE(EHT80) Mode Channel 119/135/151/167/183 (UNII-7)
Mode 29	TX BE(HE160) Mode Channel 143/175 (UNII-7)
Mode 30	TX BE(HE320) Mode Channel 127/159 (UNII-7)
Mode 31	TX A Mode Channel 213/233 (UNII-8)
Mode 32	TX AX(HE20) Mode Channel 213/233 (UNII-8)
Mode 33	TX AX(HE40) Mode Channel 187/211/227 (UNII-8)
Mode 34	TX AX(HE80) Mode Channel 199/215 (UNII-8)
Mode 35	TX AX(HE160) Mode Channel 207 (UNII-8)

Mode 36	TX BE(EHT20) Mode Channel 213/233 (UNII-8)
Mode 37	TX BE(EHT40) Mode Channel 187/211/227 (UNII-8)
Mode 38	TX BE(EHT80) Mode Channel 199/215 (UNII-8)
Mode 39	TX BE(EHT160) Mode Channel 207 (UNII-8)
Mode 40	TX BE(EHT320) Mode Channel 191 (UNII-8)

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

Radiated Emissions Test - 30MHz to 1000MHz	
Final Test Mode	Description
Mode 40	TX BE(EHT320) Mode Channel 191 (UNII-8)

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 1	TX A Mode Channel 01/45/93 (UNII-5)
Mode 2	TX AX(HE20) Mode Channel 01/45/93 (UNII-5)
Mode 3	TX AX(HE40) Mode Channel 03/43/91 (UNII-5)
Mode 4	TX AX(HE80) Mode Channel 07/39/87 (UNII-5)
Mode 5	TX AX(HE160) Mode Channel 15/47/79 (UNII-5)
Mode 6	TX BE(EHT20) Mode Channel 01/45/93 (UNII-5)
Mode 7	TX BE(EHT40) Mode Channel 03/43/91 (UNII-5)
Mode 8	TX BE(EHT80) Mode Channel 07/39/87 (UNII-5)
Mode 9	TX BE(EHT160) Mode Channel 15/47/79 (UNII-5)
Mode 10	TX BE(EHT320) Mode Channel 31/63 (UNII-5)
Mode 11	TX A Mode Channel 97/105/113 (UNII-6)
Mode 12	TX AX(HE20) Mode Channel 97/105/113 (UNII-6)
Mode 13	TX AX(HE40) Mode Channel 99/107/115 (UNII-6)
Mode 14	TX AX(HE80) Mode Channel 103 (UNII-6)
Mode 15	TX AX(HE160) Mode Channel 111 (UNII-6)
Mode 16	TX BE(EHT20) Mode Channel 97/105/113 (UNII-6)
Mode 17	TX BE(EHT40) Mode Channel 99/107/115 (UNII-6)
Mode 18	TX BE(EHT80) Mode Channel 103 (UNII-6)
Mode 19	TX BE(EHT160) Mode Channel 111 (UNII-6)
Mode 20	TX BE(EHT320) Mode Channel 95 (UNII-6)
Mode 21	TX A Mode Channel 117/153/181/185 (UNII-7)
Mode 22	TX AX(HE20) Mode Channel 117/149/181 (UNII-7)
Mode 23	TX AX(HE40) Mode Channel 123/155/179 (UNII-7)
Mode 24	TX AX(HE80) Mode Channel 119/135/151/167/183 (UNII-7)
Mode 25	TX AX(HE160) Mode Channel 143/175 (UNII-7)
Mode 26	TX BE(EHT20) Mode Channel 117/149/181 (UNII-7)

Mode 27	TX BE(EHT40) Mode Channel 123/155/179 (UNII-7)
Mode 28	TX BE(EHT80) Mode Channel 119/135/151/167/183 (UNII-7)
Mode 29	TX BE(HE160) Mode Channel 143/175 (UNII-7)
Mode 30	TX BE(HE320) Mode Channel 127/159 (UNII-7)
Mode 31	TX A Mode Channel 213/233 (UNII-8)
Mode 32	TX AX(HE20) Mode Channel 213/233 (UNII-8)
Mode 33	TX AX(HE40) Mode Channel 187/211/227 (UNII-8)
Mode 34	TX AX(HE80) Mode Channel 199/215 (UNII-8)
Mode 35	TX AX(HE160) Mode Channel 207 (UNII-8)
Mode 36	TX BE(EHT20) Mode Channel 213/233 (UNII-8)
Mode 37	TX BE(EHT40) Mode Channel 187/211/227 (UNII-8)
Mode 38	TX BE(EHT80) Mode Channel 199/215 (UNII-8)
Mode 39	TX BE(EHT160) Mode Channel 207 (UNII-8)
Mode 40	TX BE(EHT320) Mode Channel 191 (UNII-8)

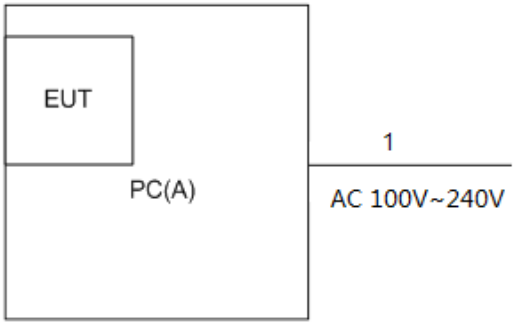
Output Power test	
Final Test Mode	Description
Mode 40	TX BE(EHT320) Mode Channel 191 (UNII-8)

Note:
1) For radiated emission above 1GHz of Band edge, the Vertical antennas and Horizontal antennas are evaluated, the worst case is Vertical antennas and recorded.
2) For radiated emission above 1GHz of Harmonic, the Vertical antennas and Horizontal antennas are evaluated, the worst case is Horizontal antennas and recorded.
3) For radiated emission below 1 GHz test, the TX BE(EHT320) Mode Channel 191 is found to be the worst case and recorded.

3.3 PARAMETERS OF TEST SOFTWARE

UNII-8+7			
Test Software Version	QATool_Dbg 0.0.2.97		
Frequency (MHz)	6905		
IEEE 802.11be(EHT320)	19.50		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	PC	DELL	DELL XPS	8920-D15N8

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	AC Cable	NO	NO	1.5m

3.6 CUSTOMER INFORMATION DESCRIPTION

1) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.
2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. All cable losses are provided by the testing laboratory.

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 (30 MHz to 1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
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)	Band edge at 3m (dBμV/m)	Harmonic at 1m (dBμV/m)
5925-7125	Average: -27	68.2	77.7 (Note 2)

NOTE:

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

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

(2)

$$FS_{\text{limit}} = FS_{\max} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

20log ($d_{limit}/d_{measure}$)=20log (3/1)=9.5 dB.

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 or 1m 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	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

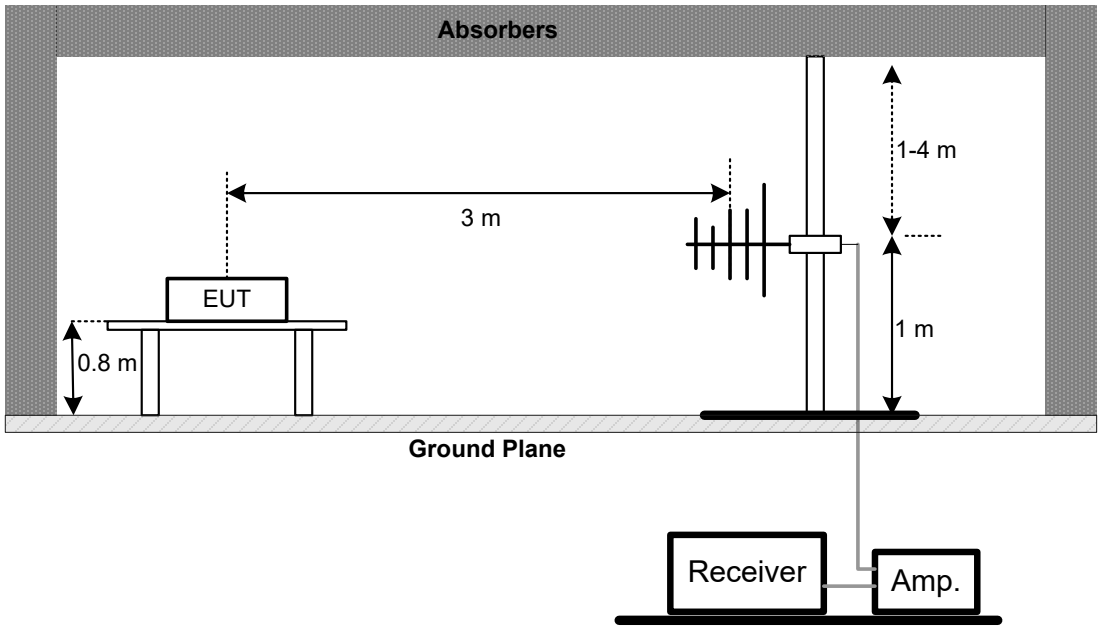
Receiver Parameters	Setting
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~40 GHz for PK/AVG detector

4.3 DEVIATION FROM TEST STANDARD

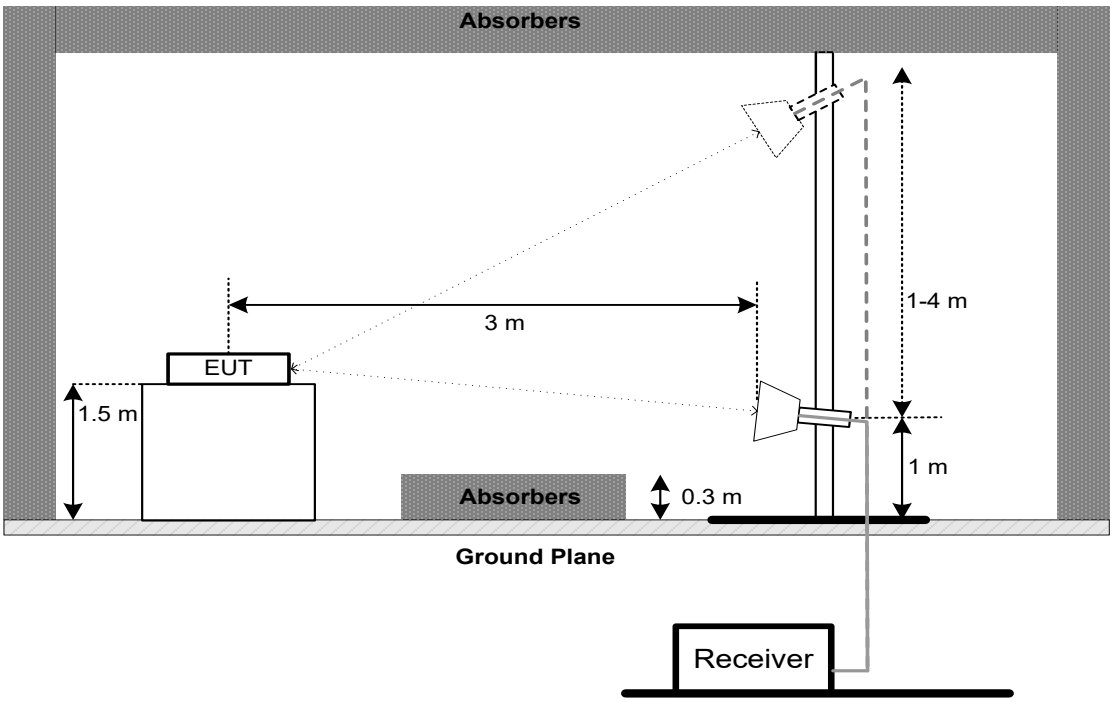
No deviation.

4.4 TEST SETUP

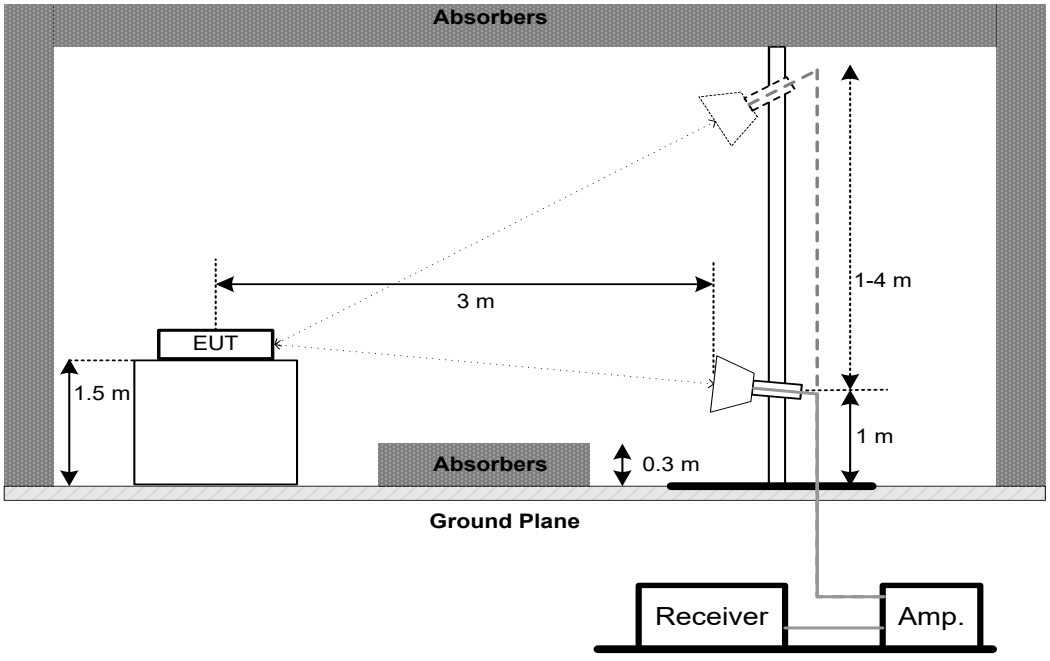
30 MHz to 1 GHz



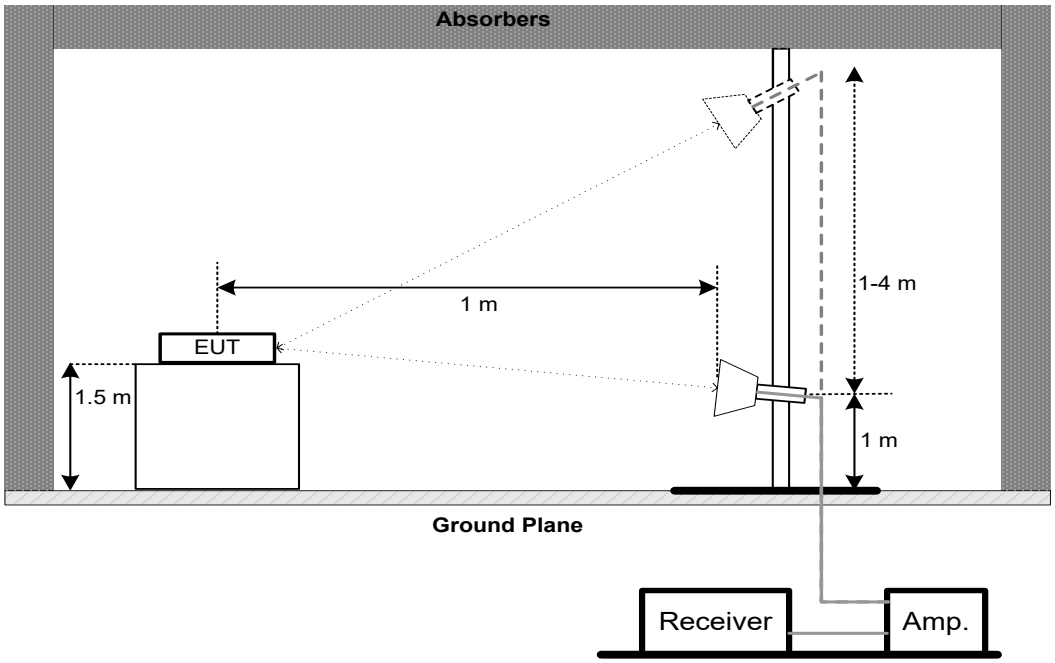
Above 1 GHz
Band edge



Harmonic (1 GHz to 18 GHz)



Harmonic (18 GHz to 40 GHz)



4.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.4 unless otherwise a special operating condition is specified in the follows during the testing.

4.6 TEST RESULTS - 30 MHZ TO 1 GHZ

Please refer to the APPENDIX A.

4.7 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX B.

Remark:

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

5. MAXIMUM E.I.R.P.

5.1 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	
		Indoor access point 30 dBm	6425-6525 6875-7125
		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	

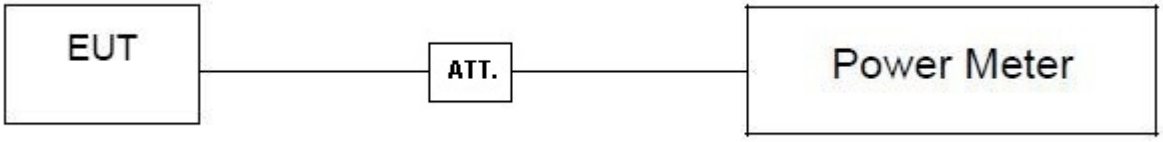
5.2 TEST PROCEDURE

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

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 C.

6. MEASUREMENT INSTRUMENTS LIST

Radiated Emissions - Below 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1462	Dec. 13, 2024
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 13, 2024
3	Preamplifier	EMC INSTRUMENT	EMC001330	980863	Apr. 07, 2025
4	Cable	RegalWay	LMR400-NMNM-12.5m	N/A	Jul. 04, 2024
5	Cable	RegalWay	LMR400-NMNM-3m	N/A	Jul. 04, 2024
6	Cable	RegalWay	LMR400-NMNM-0.5m	N/A	Jul. 04, 2024
7	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
8	Positioning Controller	MF	MF-7802	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	CM	9*6*6	N/A	May 16, 2025

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
2	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980888	Nov. 17, 2024
3	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	Jun. 16, 2024
4	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Nov. 17, 2024
5	Double Ridged Guide Antenna	ETS	3115	75846	Mar 20, 2025
6	Cable	RegalWay	RWLP50-4.0A-SMSM-12.5M	N/A	Feb. 19, 2025
7	Cable	RegalWay	RWLP50-4.0A-NMRASM-2.5M	N/A	Aug. 08, 2024
8	Cable	RegalWay	RWLP50-4.0A-NMRASMRA-0.8M	N/A	Aug. 08, 2024
9	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330-K	619413	Jul. 06, 2024
10	Cable	RegalWay	RWLP50-2.6A-2.92M2.92M-1.1M	N/A	Jul. 26, 2024
11	Cable	Tonscend	HF160-KMKM-3M	N/A	Jul. 26, 2024
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	1227	Oct. 10, 2024
13	966 Chamber room	CM	9*6*6	N/A	May 19, 2025
14	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
15	Positioning Controller	MF	MF-7802	N/A	N/A
16	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
17	Filter	COM-MW	ZBF-C7000-250-1108	N/A	Jun. 16, 2024

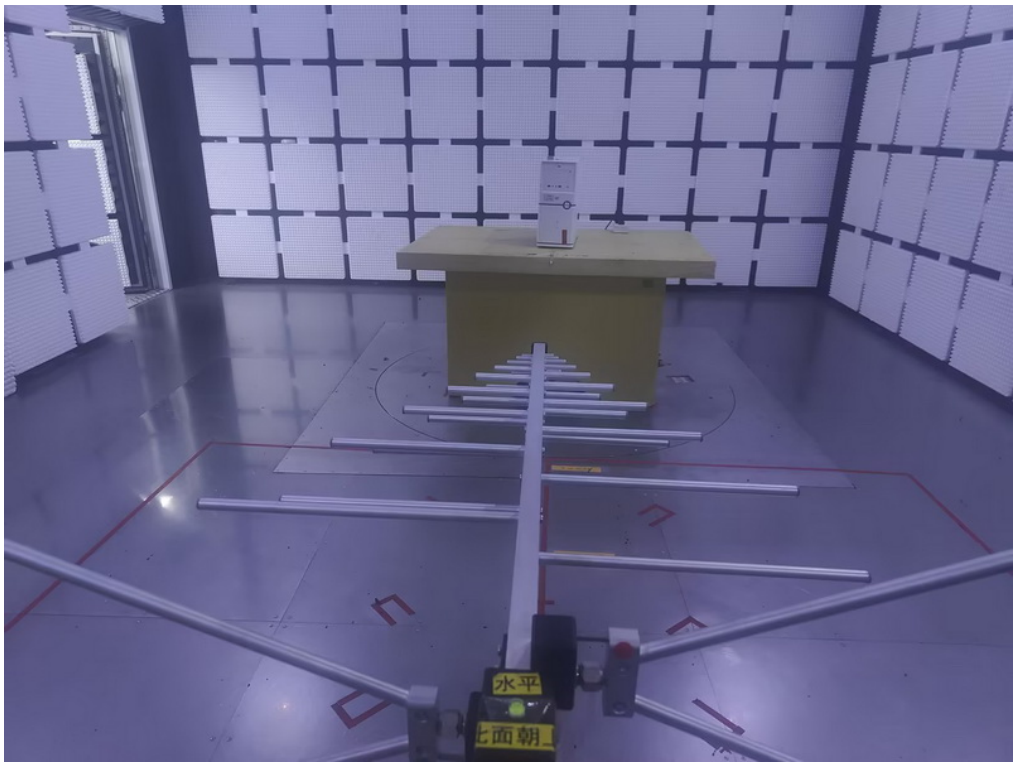
Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Jun. 17, 2024
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jun. 17, 2024
3	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A

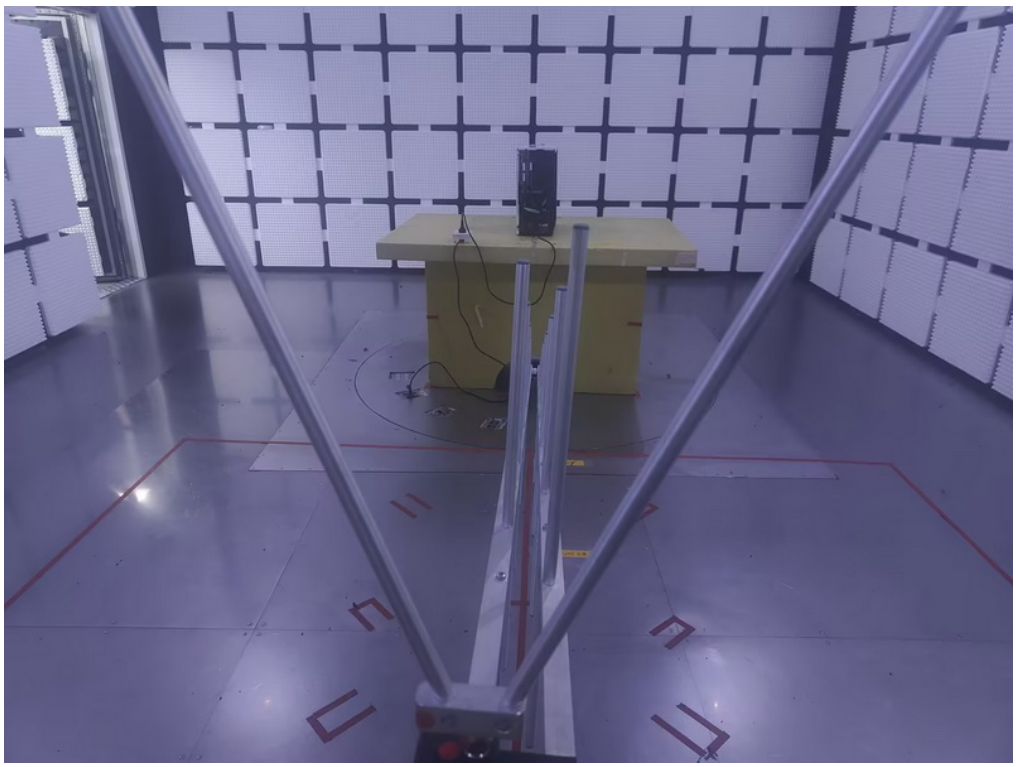
Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

7. EUT TEST PHOTOS

Radiated Emissions Test Photos

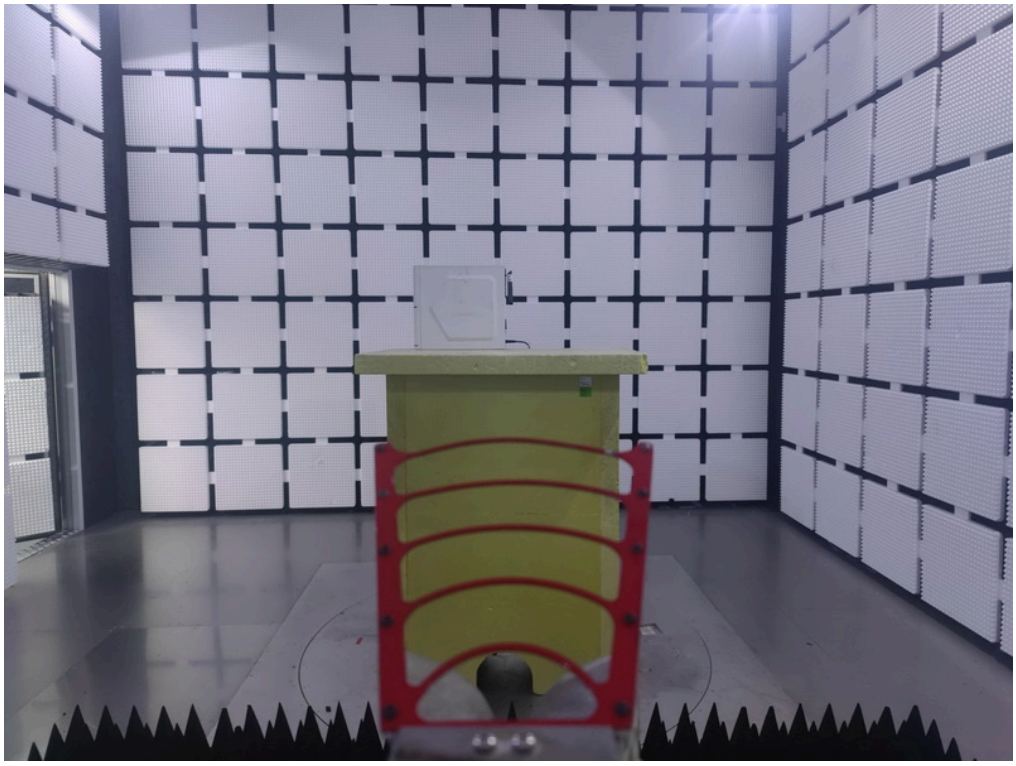
30 MHz to 1 GHz

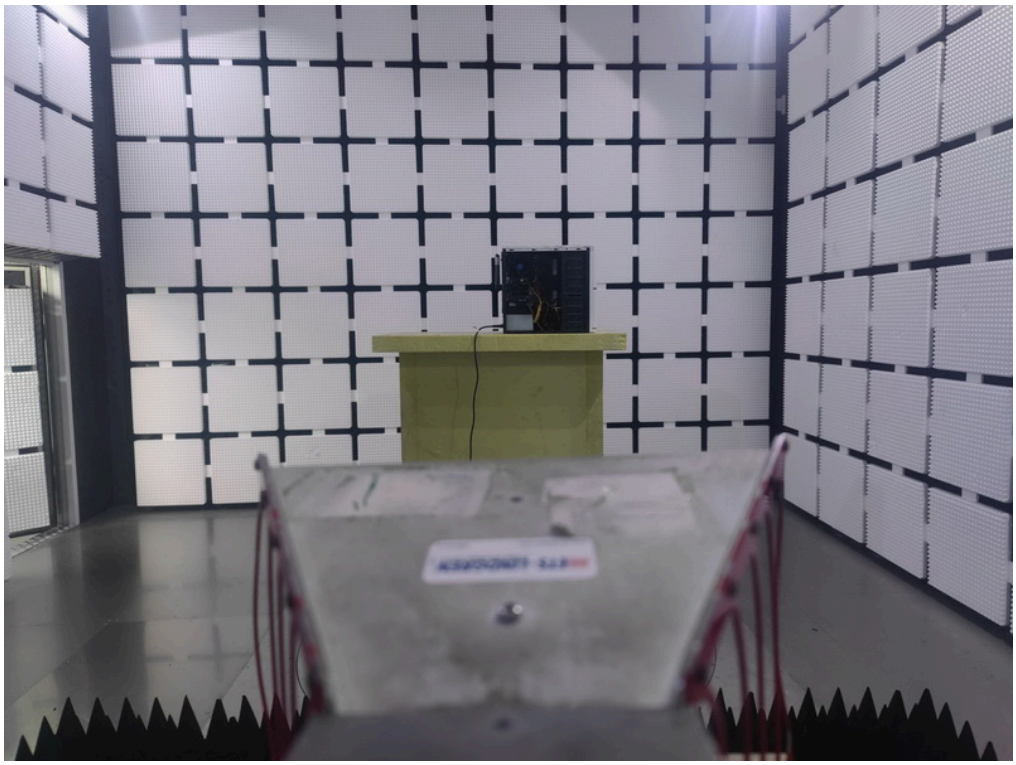




Radiated Emissions Test Photos

Above 1 -18 GHz
Band edge

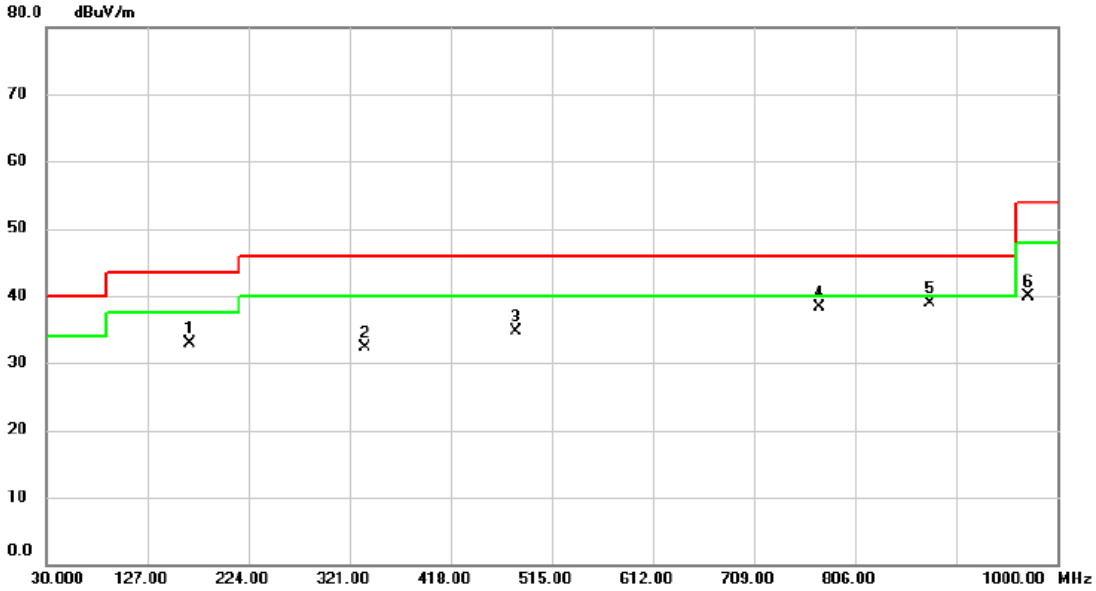




Above 18 -40 GHz
Harmonic

APPENDIX A - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

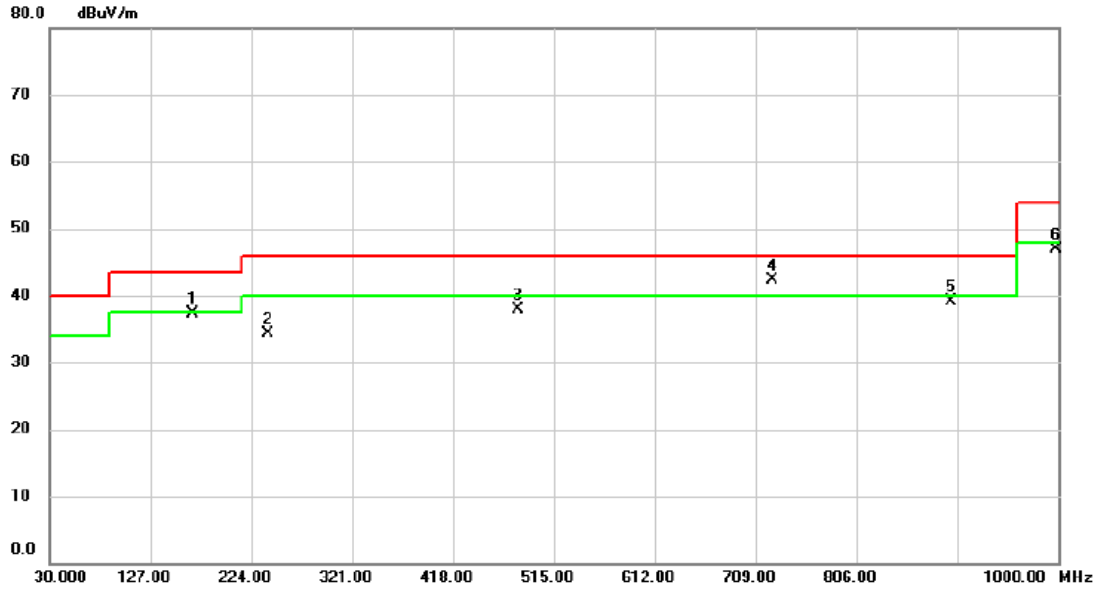
Test Mode	TX BE(EHT320) Mode Channel 191	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		168.225	44.03	-11.11	32.92	43.50	-10.58	peak	
2		336.035	41.81	-9.44	32.37	46.00	-13.63	peak	
3		480.080	40.85	-6.14	34.71	46.00	-11.29	peak	
4		771.565	39.27	-1.03	38.24	46.00	-7.76	peak	
5	*	878.265	38.76	0.08	38.84	46.00	-7.16	peak	
6		972.355	39.03	0.80	39.83	54.00	-14.17	peak	

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

Test Mode	TX BE(EHT320) Mode Channel 191	Polarization	Horizontal

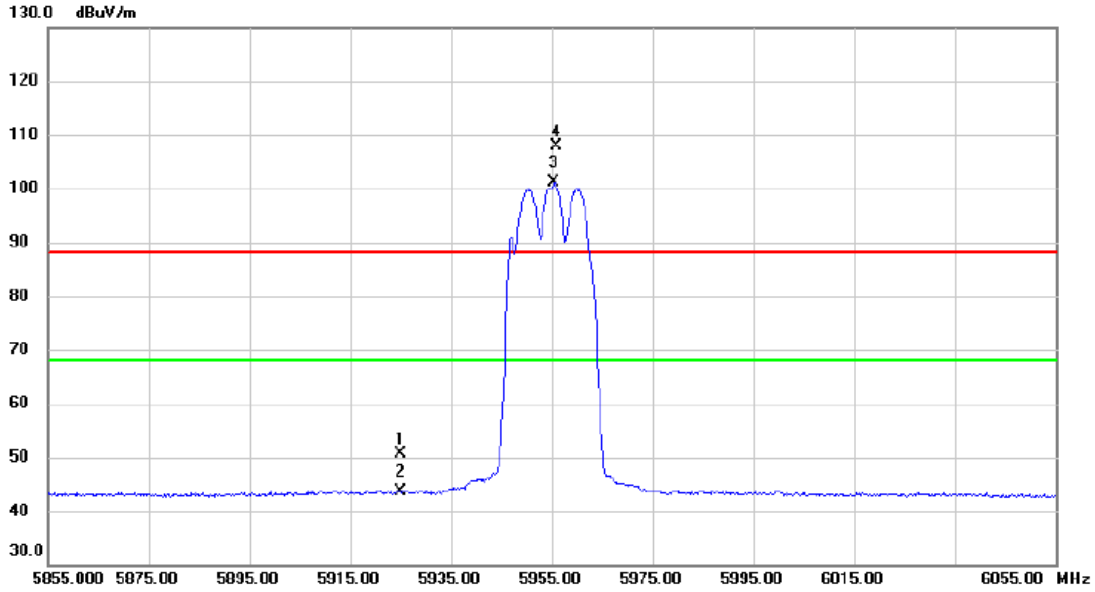


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		168.225	48.34	-11.11	37.23	43.50	-6.27	peak	
2		240.005	46.82	-12.61	34.21	46.00	-11.79	peak	
3		480.080	44.11	-6.14	37.97	46.00	-8.03	peak	
4	*	724.520	43.86	-1.57	42.29	46.00	-3.71	peak	
5		896.695	38.86	0.33	39.19	46.00	-6.81	peak	
6		998.060	45.87	1.02	46.89	54.00	-7.11	peak	

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

APPENDIX B - RADIATED EMISSION - ABOVE 1000 MHZ

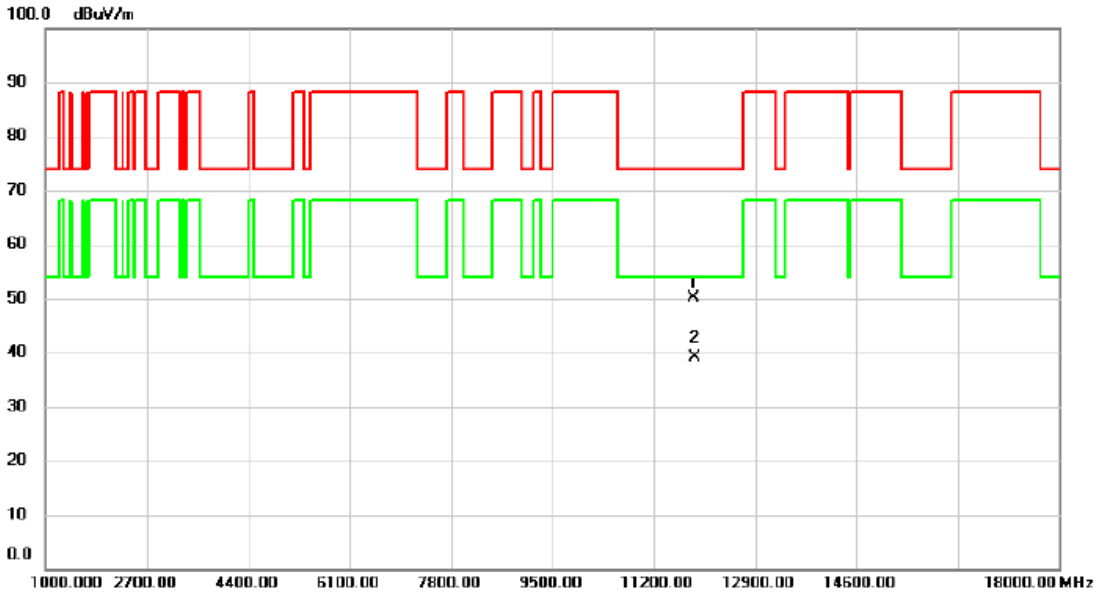
Test Mode	UNII-5_TX A Mode 5955 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5925.000	34.89	15.63	50.52	88.20	-37.68	peak	
2		5925.000	28.01	15.63	43.64	68.20	-24.56	AVG	
3	*	5955.400	85.45	15.72	101.17	68.20	32.97	AVG	No Limit
4	X	5955.800	92.04	15.72	107.76	88.20	19.56	peak	No Limit

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

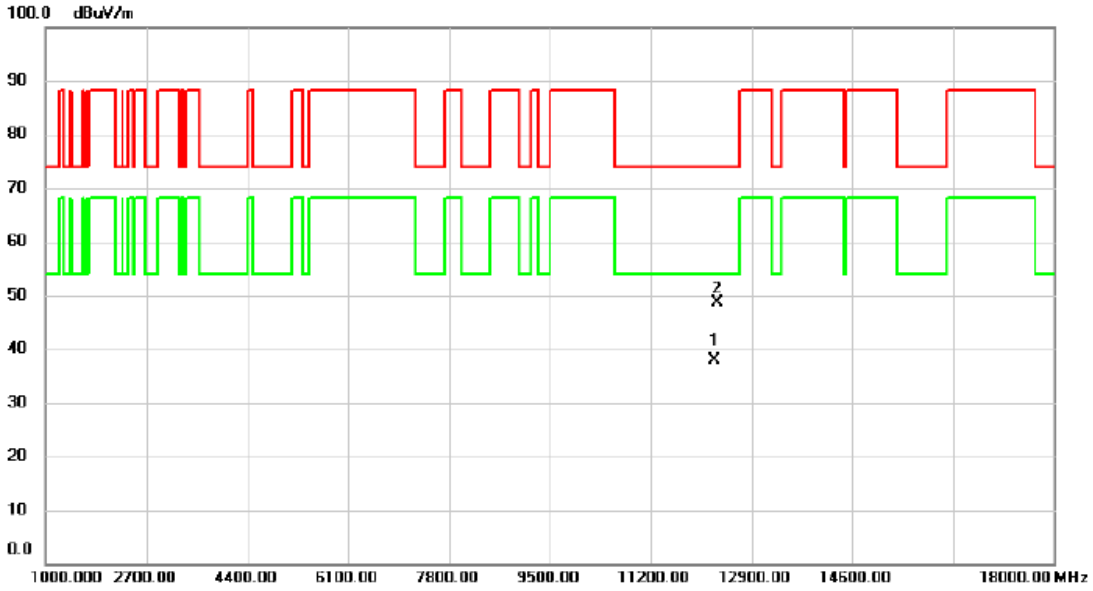
Test Mode	UNII-5_TX A Mode 5955 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11866.80	40.43	9.62	50.05	74.00	-23.95	peak	
2	*	11899.10	29.58	9.62	39.20	54.00	-14.80	AVG	

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

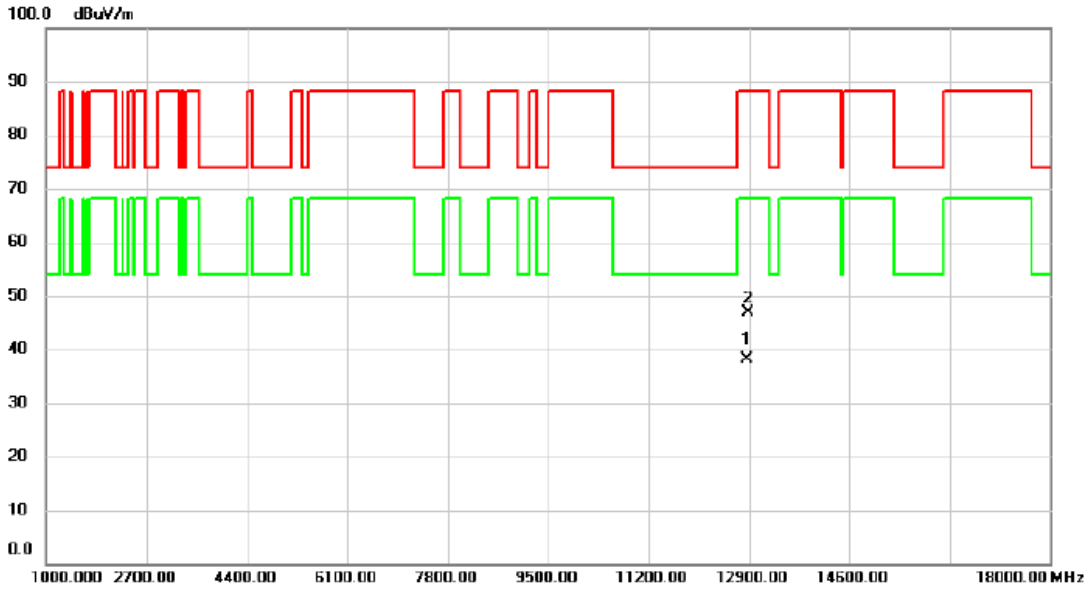
Test Mode	UNII-5_TX A Mode 6175 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12286.25	28.21	9.56	37.77	54.00	-16.23	AVG	
2		12321.95	39.16	9.55	48.71	74.00	-25.29	peak	

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

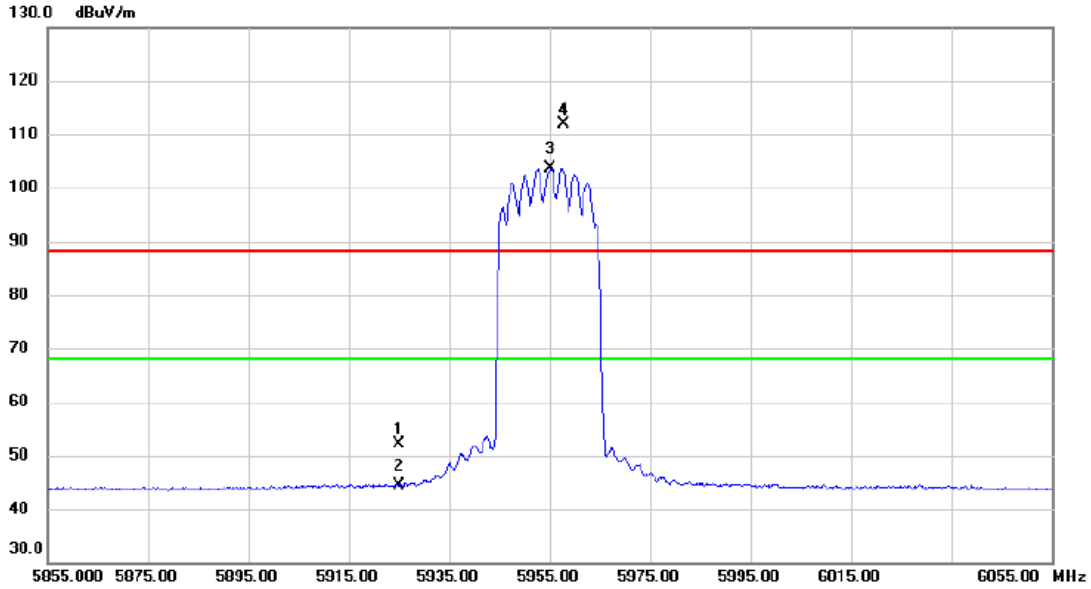
Test Mode	UNII-5_TX A Mode 6415 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12855.65	28.18	9.91	38.09	68.20	-30.11	AVG	
2		12888.12	37.00	9.96	46.96	88.20	-41.24	peak	

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

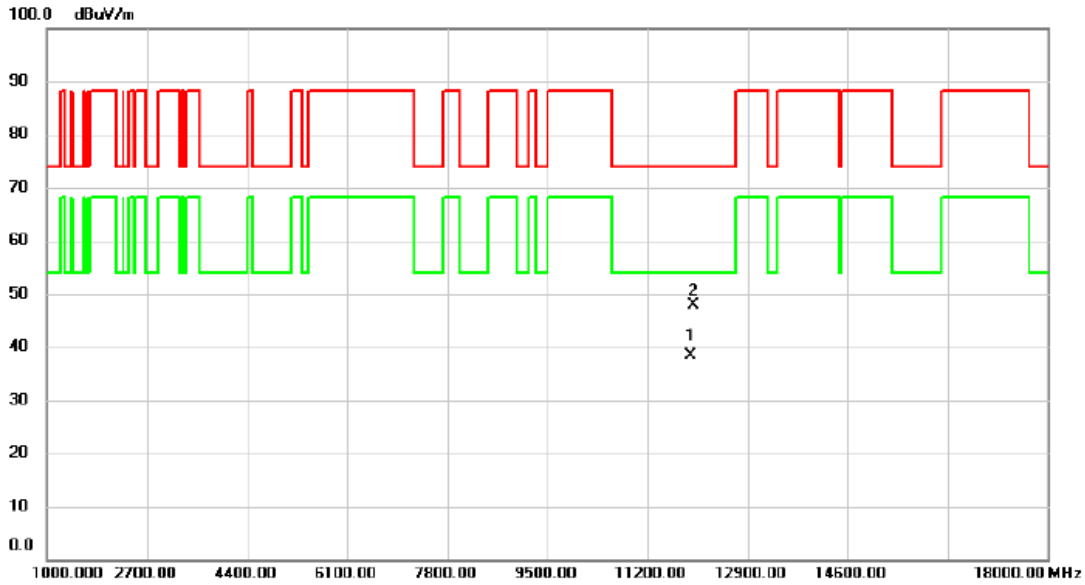
Test Mode	UNII-5_TX AX(HE20) Mode 5955 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5925.000	36.44	15.63	52.07	88.20	-36.13	peak	
2		5925.000	28.87	15.63	44.50	68.20	-23.70	AVG	
3	*	5955.200	88.02	15.72	103.74	68.20	35.54	AVG	No Limit
4	X	5957.900	96.13	15.73	111.86	88.20	23.66	peak	No Limit

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

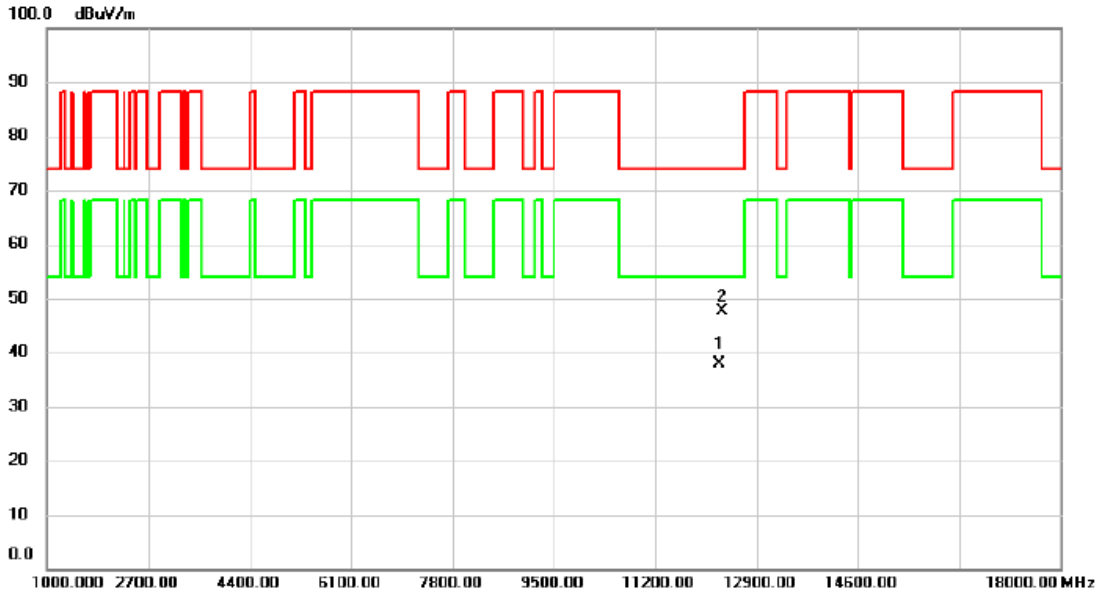
Test Mode	UNII-5_TX AX(HE20) Mode 5955 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	11936.17	28.70	9.61	38.31	54.00	-15.69	AVG	
2		11973.60	38.26	9.60	47.86	74.00	-26.14	peak	

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

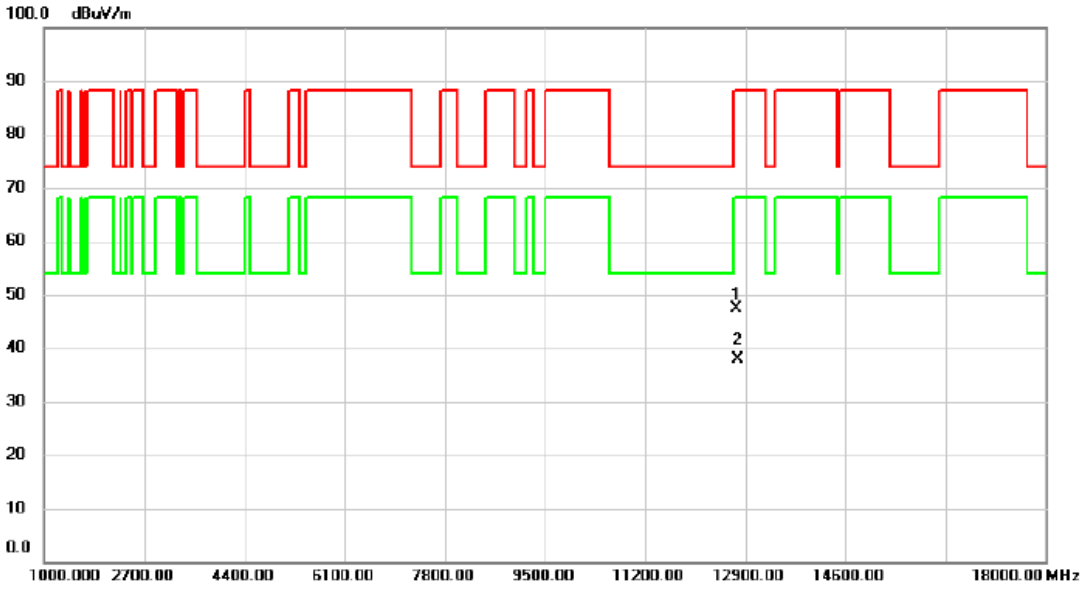
Test Mode	UNII-5_TX AX(HE20) Mode 6175 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12285.87	28.34	9.56	37.90	54.00	-16.10	AVG	
2		12328.70	38.01	9.56	47.57	74.00	-26.43	peak	

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

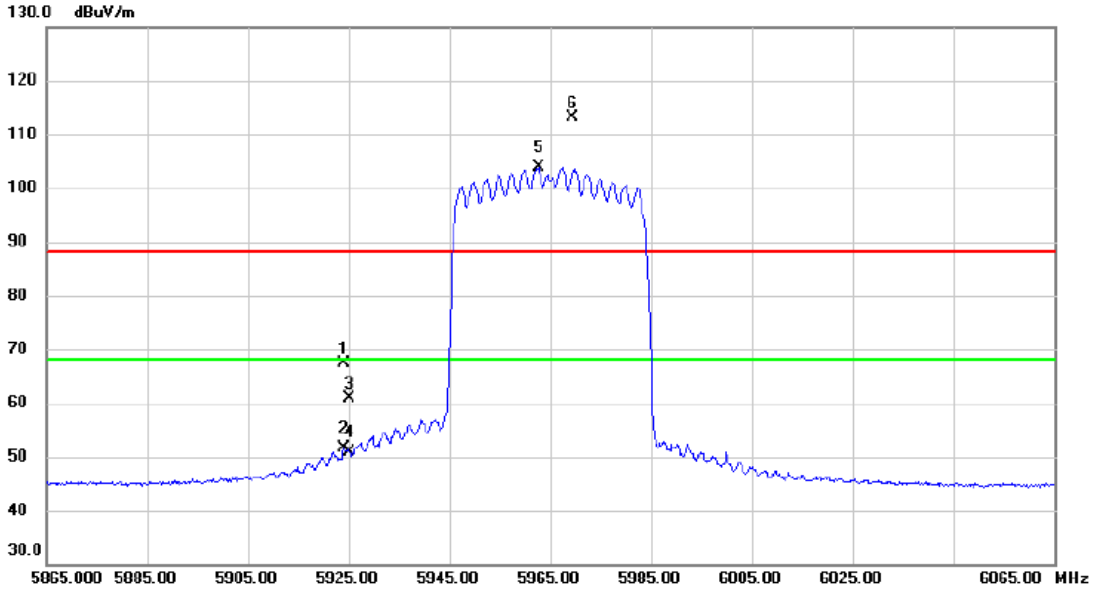
Test Mode	UNII-5_TX AX(HE20) Mode 6415 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12755.52	37.57	9.81	47.38	88.20	-40.82	peak	
2	*	12769.92	28.03	9.82	37.85	68.20	-30.35	AVG	

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

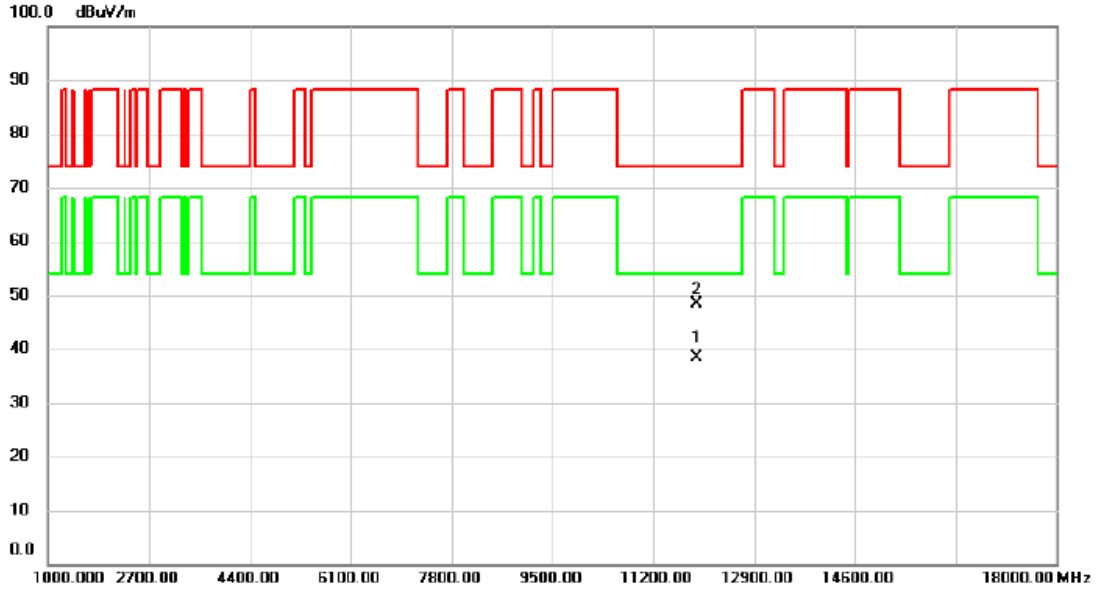
Test Mode	UNII-5_TX AX(HE40) Mode 5965 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5924.200	51.75	15.63	67.38	88.20	-20.82	peak	
2		5924.200	36.11	15.63	51.74	68.20	-16.46	AVG	
3		5925.000	45.18	15.63	60.81	88.20	-27.39	peak	
4		5925.000	35.20	15.63	50.83	68.20	-17.37	AVG	
5	*	5962.600	88.20	15.75	103.95	68.20	35.75	AVG	No Limit
6	X	5969.500	97.26	15.77	113.03	88.20	24.83	peak	No Limit

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

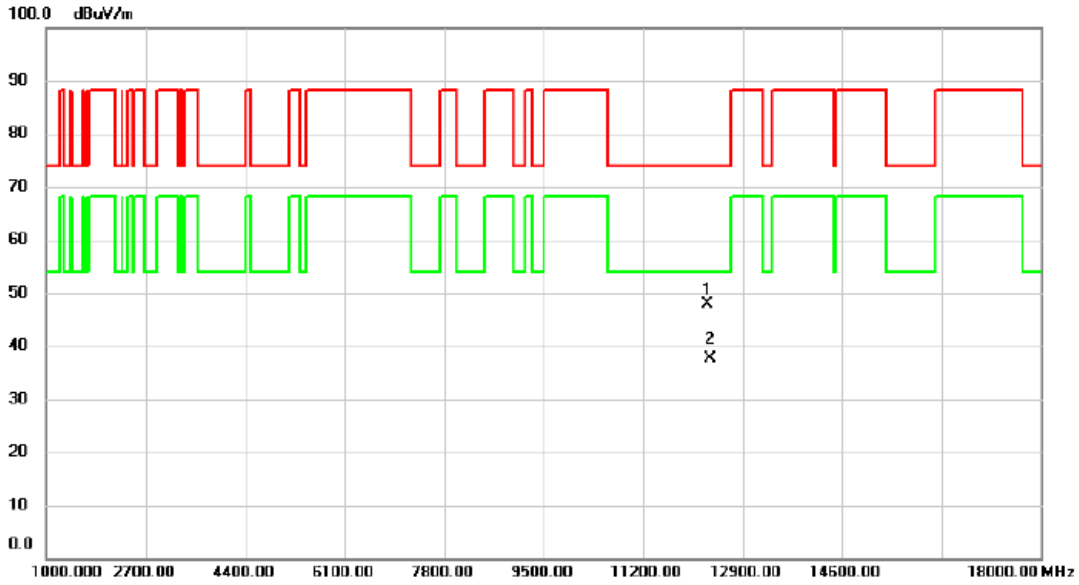
Test Mode	UNII-5_TX AX(HE40) Mode 5965 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	11938.25	28.86	9.61	38.47	54.00	-15.53	AVG	
2		11938.72	38.71	9.61	48.32	74.00	-25.68	peak	

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

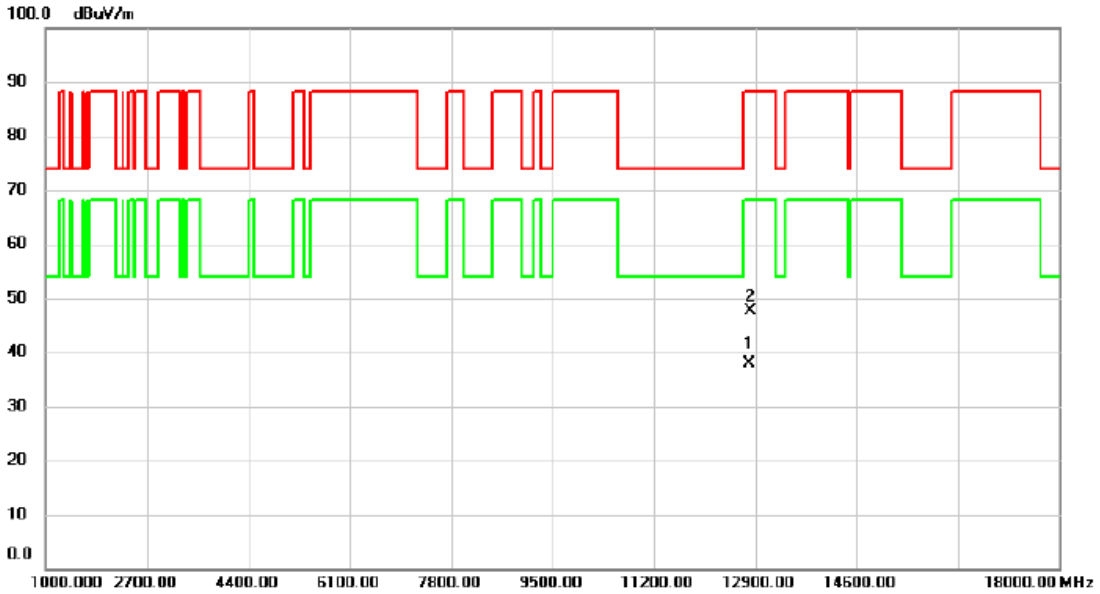
Test Mode	UNII-5_TX AX(HE40) Mode 6165 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12305.47	38.27	9.56	47.83	74.00	-26.17	peak	
2	*	12344.27	27.97	9.55	37.52	54.00	-16.48	AVG	

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

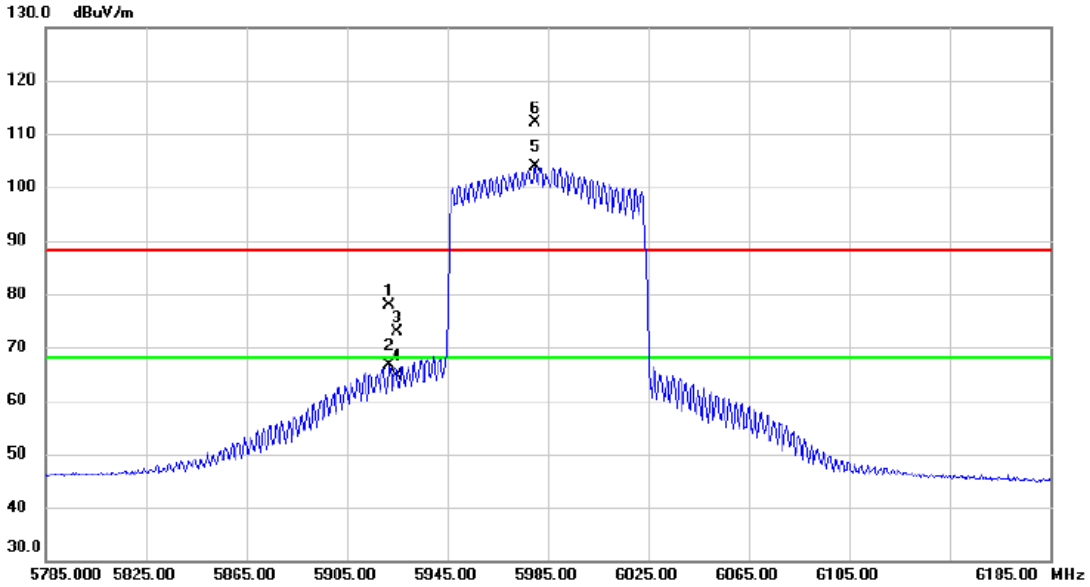
Test Mode	UNII-5_TX AX(HE40) Mode 6405 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12804.95	28.04	9.87	37.91	68.20	-30.29	AVG	
2		12813.82	37.88	9.87	47.75	88.20	-40.45	peak	

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

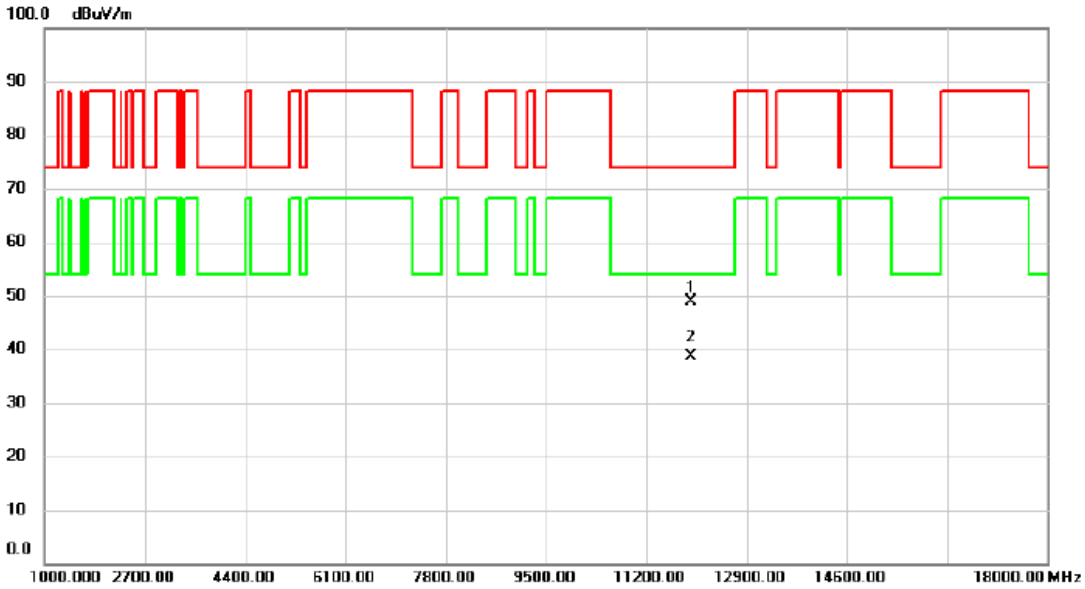
Test Mode	UNII-5_TX AX(HE80) Mode 5985 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5922.000	62.35	15.61	77.96	88.20	-10.24	peak	
2		5922.000	50.92	15.61	66.53	68.20	-1.67	AVG	
3		5925.000	57.35	15.63	72.98	88.20	-15.22	peak	
4		5925.000	48.99	15.63	64.62	68.20	-3.58	AVG	
5	*	5979.800	88.05	15.81	103.86	68.20	35.66	AVG	No Limit
6	X	5980.200	96.24	15.81	112.05	88.20	23.85	peak	No Limit

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

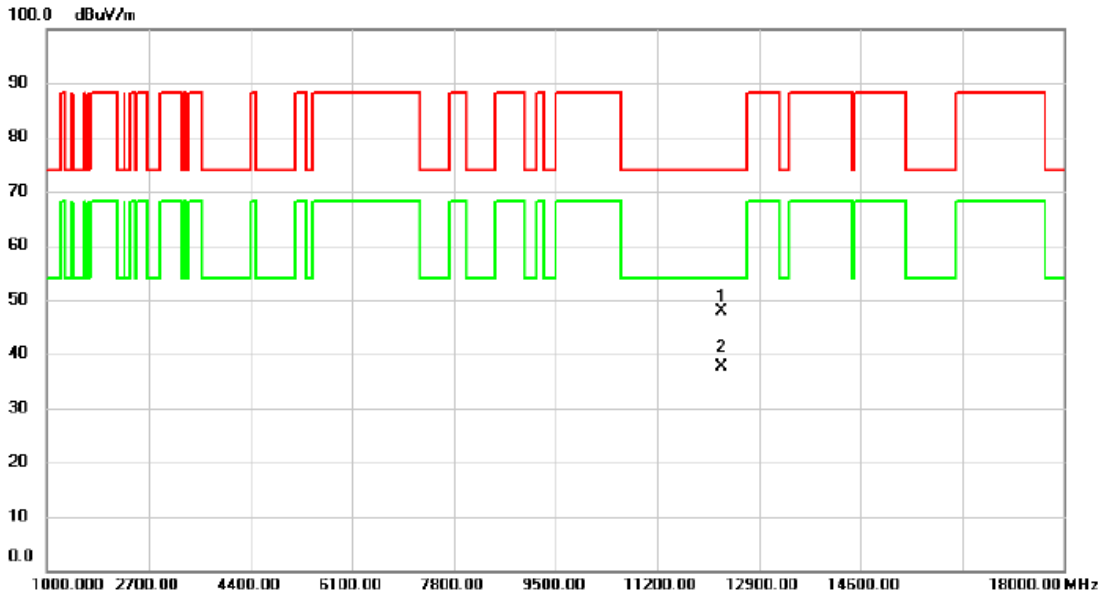
Test Mode	UNII-5_TX AX(HE80) Mode 5985 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11956.65	39.16	9.61	48.77	74.00	-25.23	peak	
2	*	11957.85	29.01	9.61	38.62	54.00	-15.38	AVG	

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

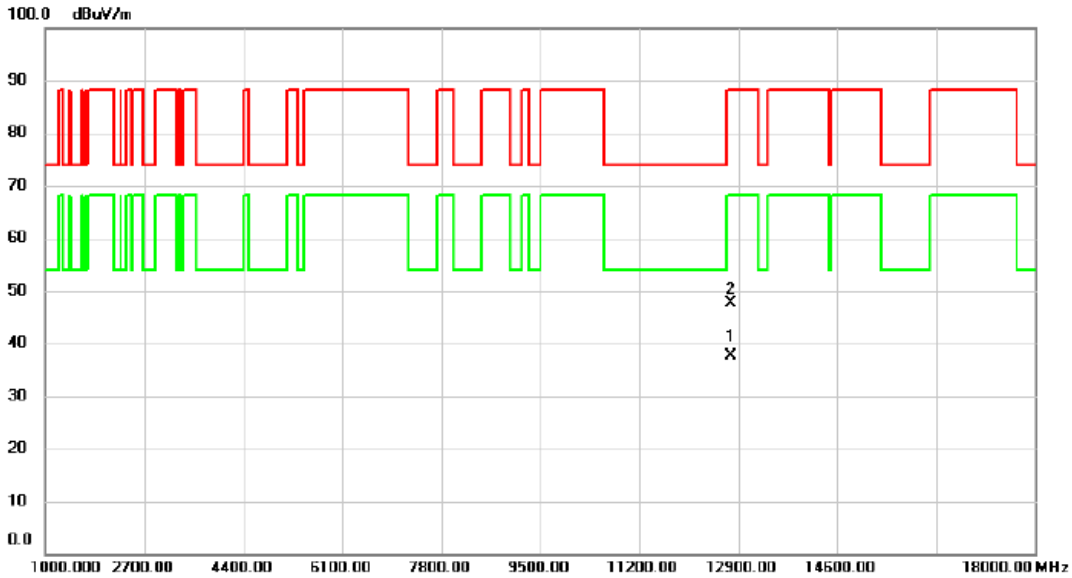
Test Mode	UNII-5_TX AX(HE80) Mode 6145 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12283.40	38.31	9.56	47.87	74.00	-26.13	peak	
2	*	12285.70	28.16	9.56	37.72	54.00	-16.28	AVG	

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

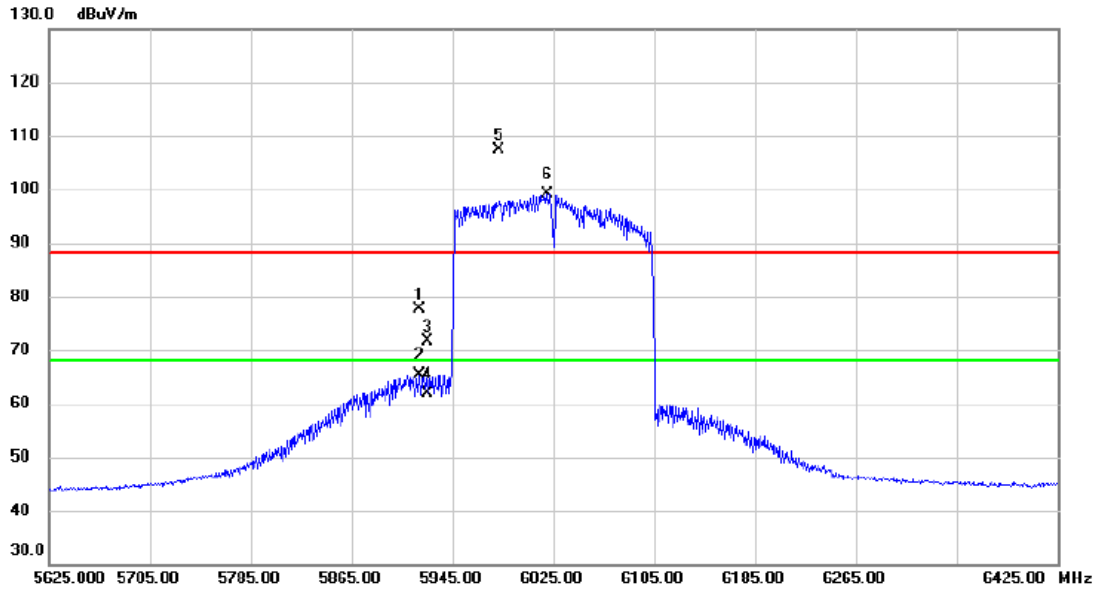
Test Mode	UNII-5_TX AX(HE80) Mode 6385 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12775.45	27.84	9.84	37.68	68.20	-30.52	AVG	
2		12781.37	37.91	9.84	47.75	88.20	-40.45	peak	

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

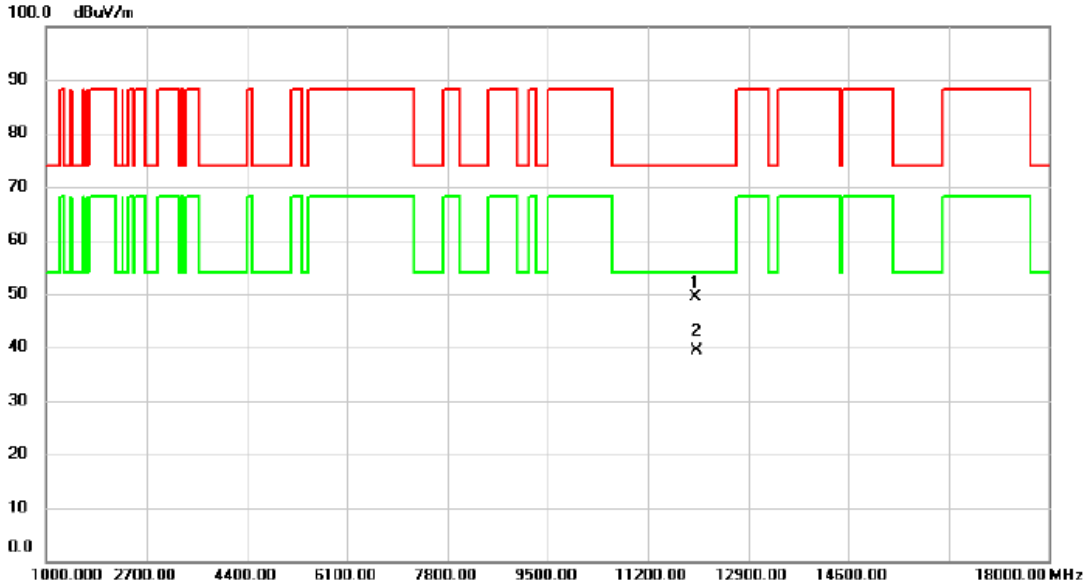
Test Mode	UNII-5_TX AX(HE160) Mode 6025 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5919.400	61.92	15.61	77.53	88.20	-10.67	peak	
2		5919.400	49.75	15.61	65.36	68.20	-2.84	AVG	
3		5925.000	55.98	15.63	71.61	88.20	-16.59	peak	
4		5925.000	46.31	15.63	61.94	68.20	-6.26	AVG	
5	X	5982.200	91.48	15.82	107.30	88.20	19.10	peak	No Limit
6	*	6019.800	83.16	15.90	99.06	68.20	30.86	AVG	No Limit

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

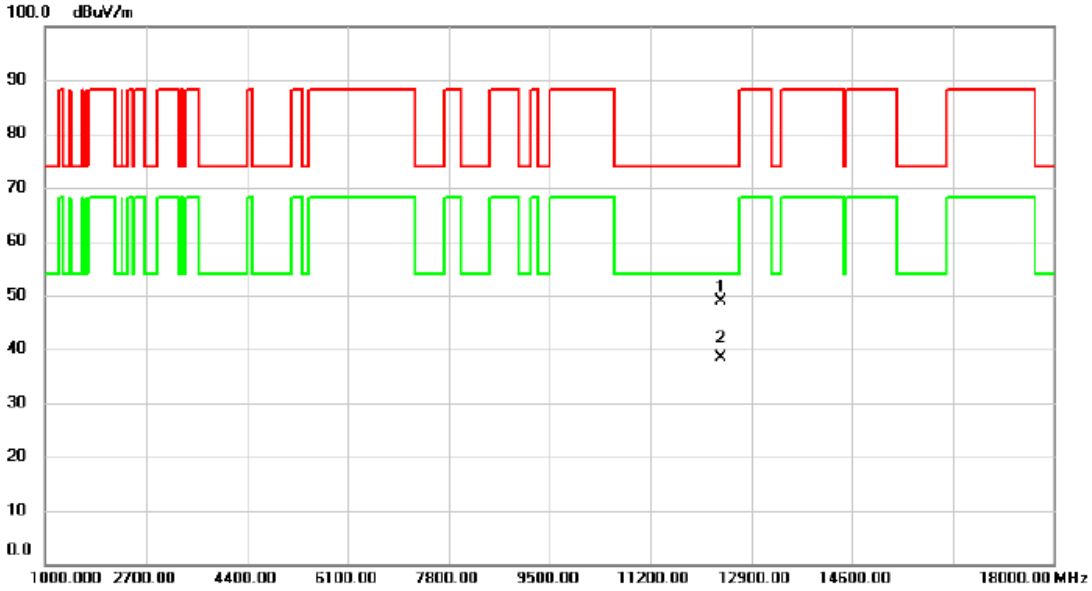
Test Mode	UNII-5_TX AX(HE160) Mode 6025 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12005.55	39.72	9.59	49.31	74.00	-24.69	peak	
2	*	12020.90	29.68	9.60	39.28	54.00	-14.72	AVG	

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

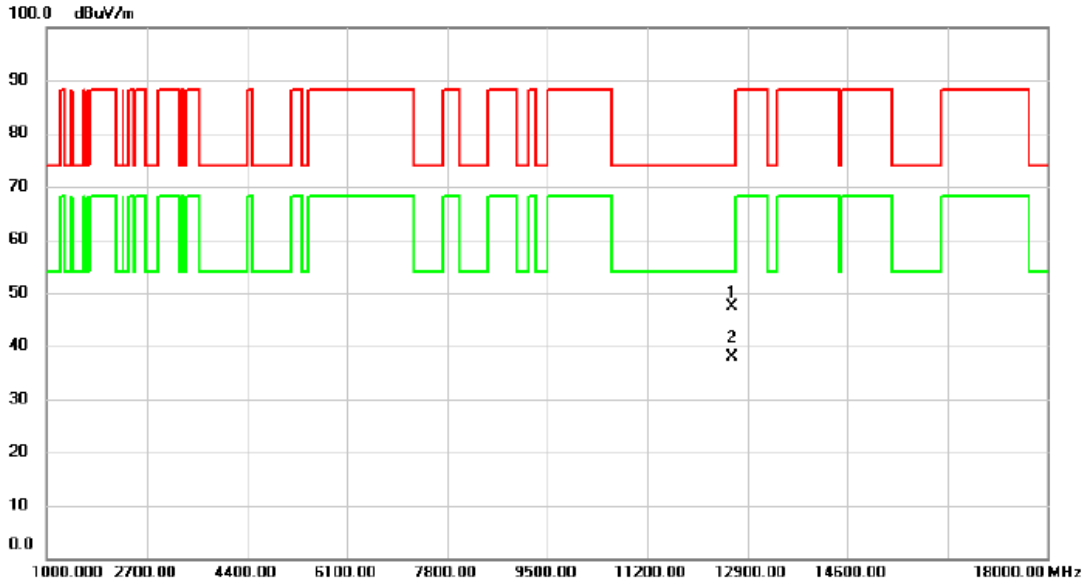
Test Mode	UNII-5_TX AX(HE160) Mode 6185 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12381.60	39.24	9.55	48.79	74.00	-25.21	peak	
2	*	12389.15	28.86	9.54	38.40	54.00	-15.60	AVG	

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

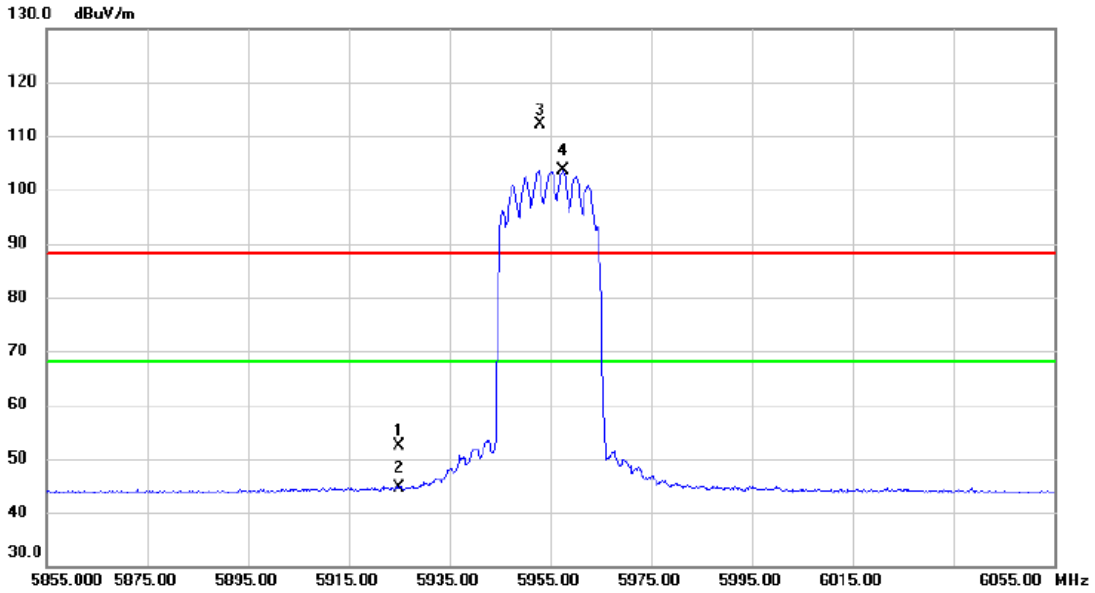
Test Mode	UNII-5_TX AX(HE160) Mode 6345 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12643.40	37.71	9.69	47.40	74.00	-26.60	peak	
2	*	12645.70	28.14	9.70	37.84	54.00	-16.16	AVG	

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

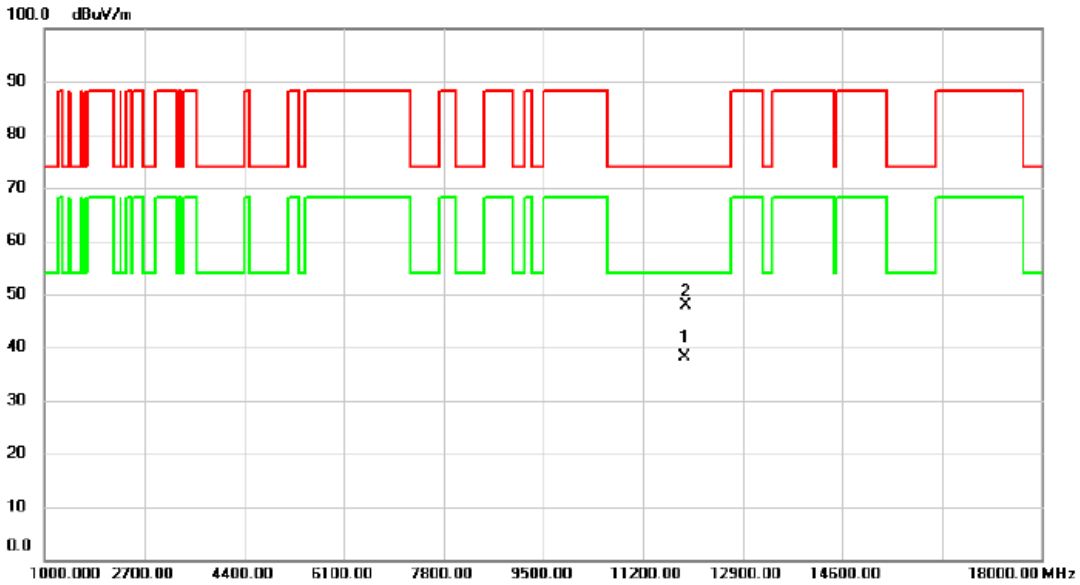
Test Mode	UNII-5_TX BE(EHT20) Mode 5955 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5925.000	36.70	15.63	52.33	88.20	-35.87	peak	
2		5925.000	29.06	15.63	44.69	68.20	-23.51	AVG	
3	X	5952.900	96.48	15.72	112.20	88.20	24.00	peak	No Limit
4	*	5957.600	87.89	15.73	103.62	68.20	35.42	AVG	No Limit

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

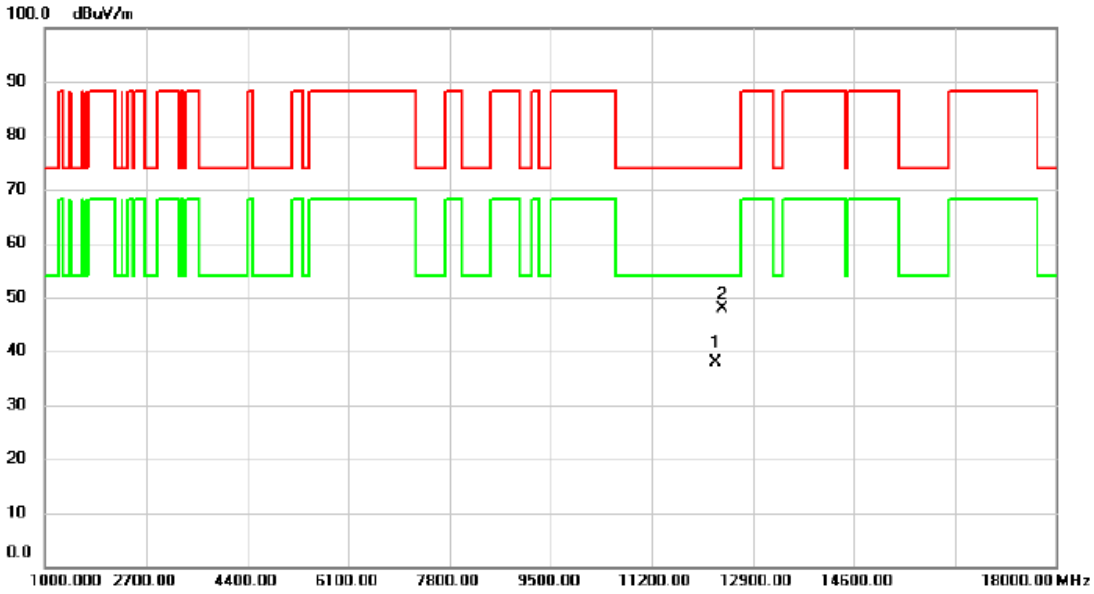
Test Mode	UNII-5_TX BE(EHT20) Mode 5955 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	11909.47	28.62	9.61	38.23	54.00	-15.77	AVG	
2		11938.95	38.20	9.61	47.81	74.00	-26.19	peak	

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

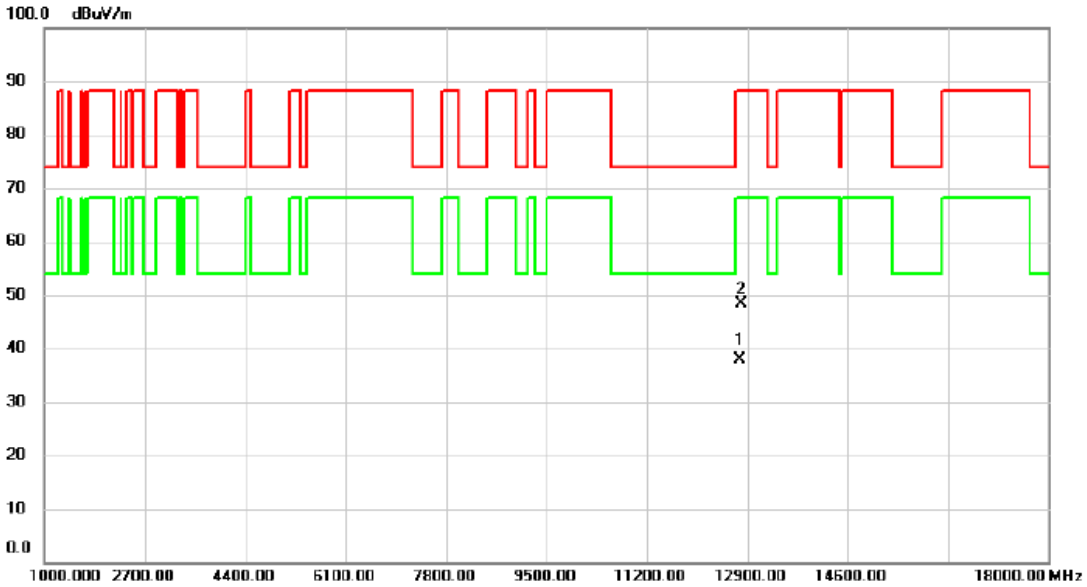
Test Mode	UNII-5_TX BE(EHT20) Mode 6175 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12284.30	28.30	9.56	37.86	54.00	-16.14	AVG	
2		12381.80	38.21	9.55	47.76	74.00	-26.24	peak	

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

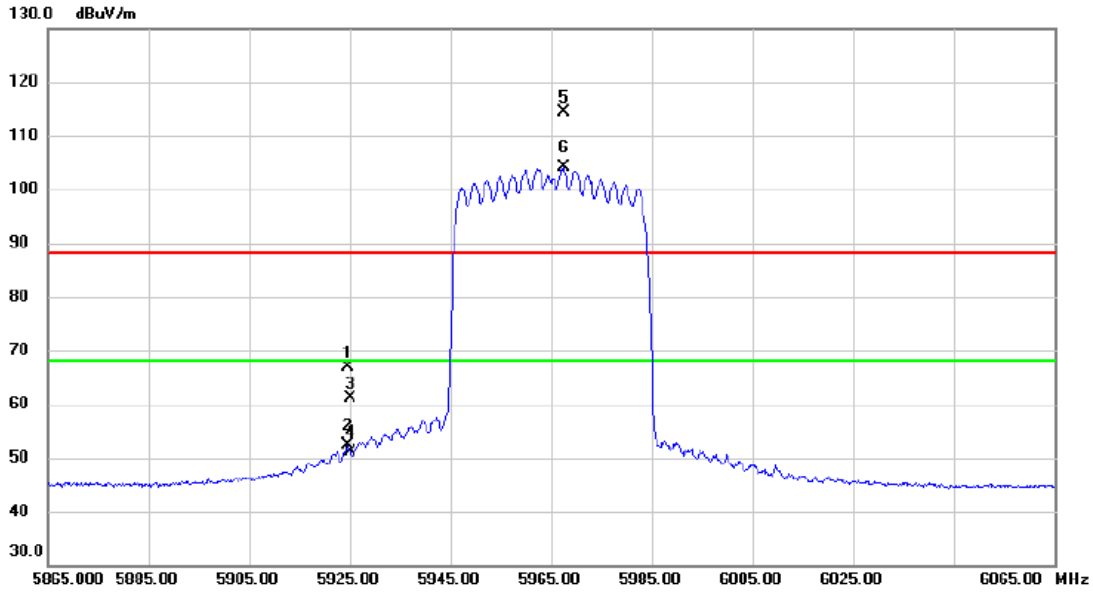
Test Mode	UNII-5_TX BE(EHT20) Mode 6415 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12781.15	27.96	9.84	37.80	68.20	-30.40	AVG	
2		12803.50	38.48	9.86	48.34	88.20	-39.86	peak	

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

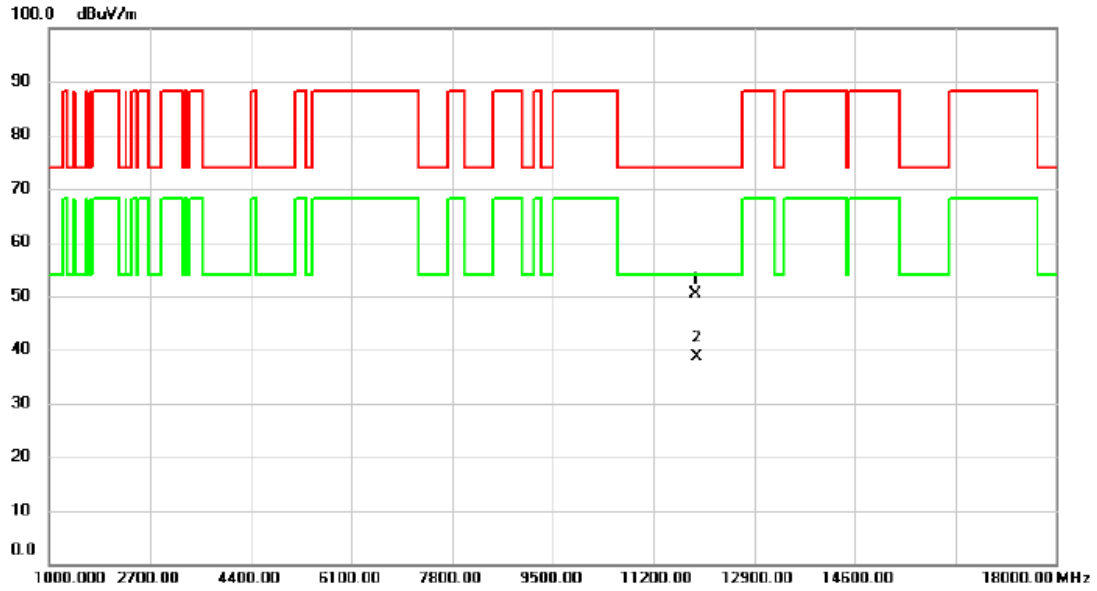
Test Mode	UNII-5_TX BE(EHT40) Mode 5965 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5924.500	51.35	15.63	66.98	88.20	-21.22	peak	
2		5924.500	36.71	15.63	52.34	68.20	-15.86	AVG	
3		5925.000	45.61	15.63	61.24	88.20	-26.96	peak	
4		5925.000	35.53	15.63	51.16	68.20	-17.04	AVG	
5	X	5967.500	98.66	15.76	114.42	88.20	26.22	peak	No Limit
6	*	5967.500	88.32	15.76	104.08	68.20	35.88	AVG	No Limit

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

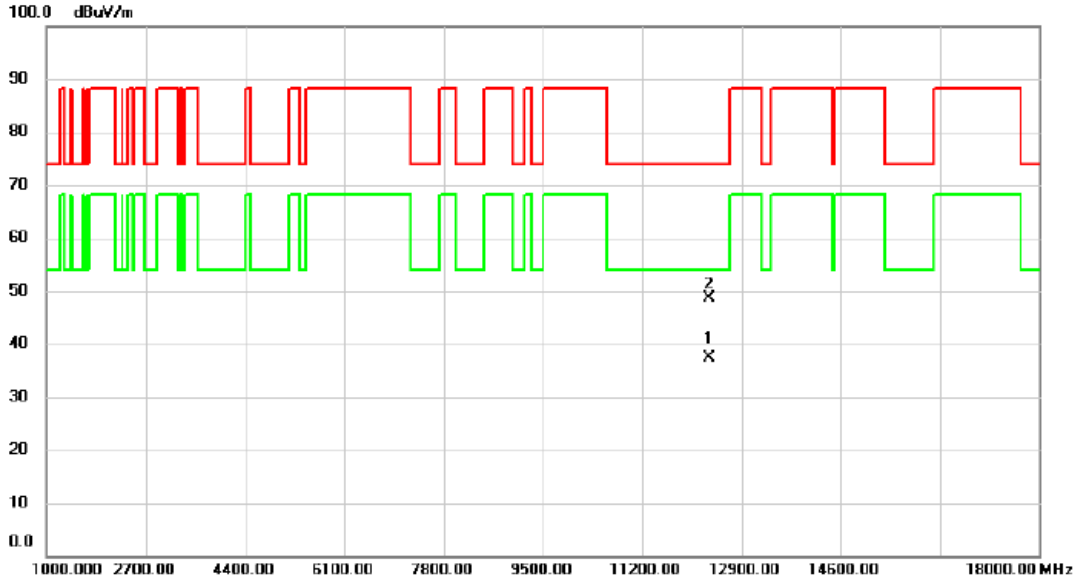
Test Mode	UNII-5_TX BE(EHT40) Mode 5965 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11908.10	40.79	9.62	50.41	74.00	-23.59	peak	
2	*	11930.10	29.02	9.60	38.62	54.00	-15.38	AVG	

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

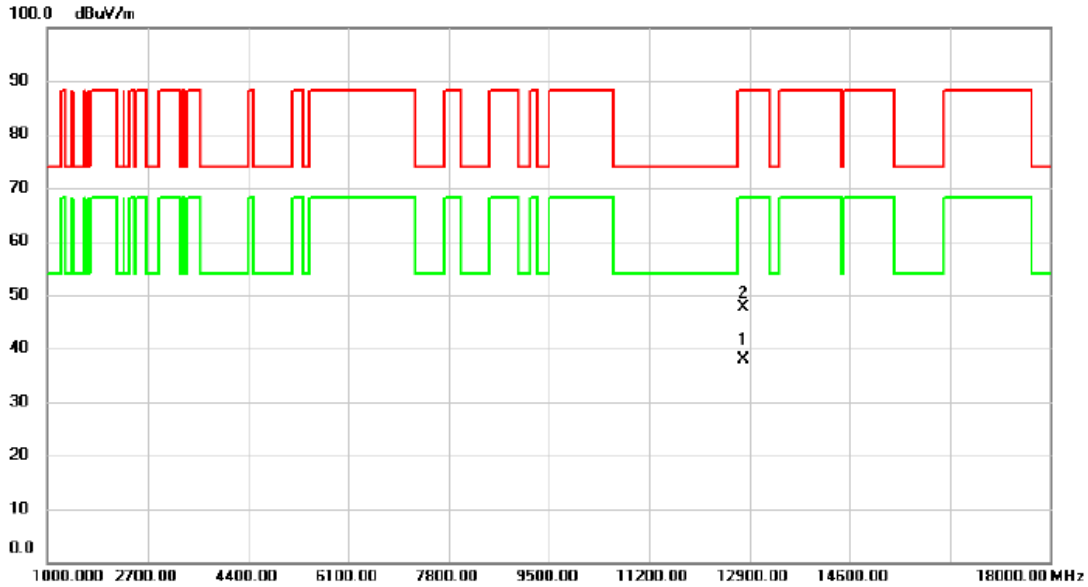
Test Mode	UNII-5_TX BE(EHT40) Mode 6165 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12342.00	27.92	9.56	37.48	54.00	-16.52	AVG	
2		12343.07	39.10	9.55	48.65	74.00	-25.35	peak	

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

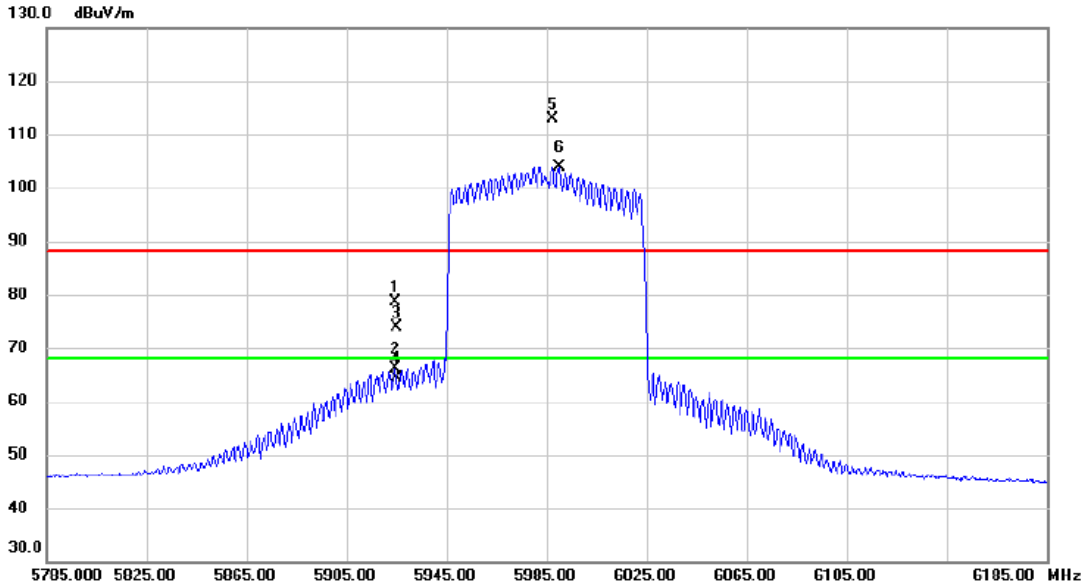
Test Mode	UNII-5_TX BE(EHT40) Mode 6405 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12788.75	28.16	9.84	38.00	68.20	-30.20	AVG	
2		12792.00	37.86	9.85	47.71	88.20	-40.49	peak	

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

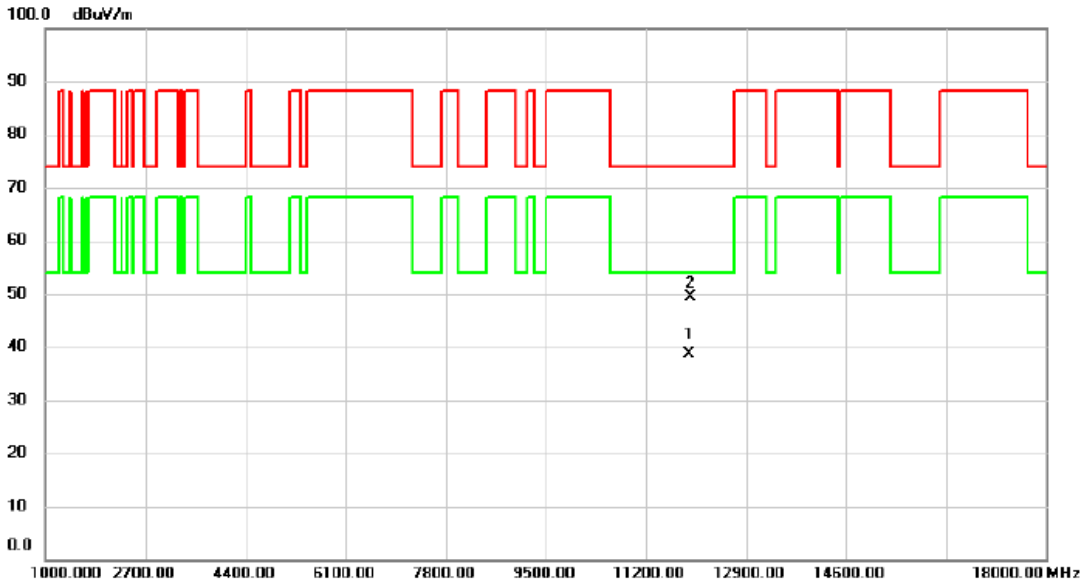
Test Mode	UNII-5_TX BE(EHT80) Mode 5985 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5924.400	62.89	15.63	78.52	88.20	-9.68	peak	
2		5924.400	50.47	15.63	66.10	68.20	-2.10	AVG	
3		5925.000	58.29	15.63	73.92	88.20	-14.28	peak	
4		5925.000	48.75	15.63	64.38	68.20	-3.82	AVG	
5	X	5987.400	97.14	15.83	112.97	88.20	24.77	peak	No Limit
6	*	5989.800	88.09	15.83	103.92	68.20	35.72	AVG	No Limit

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

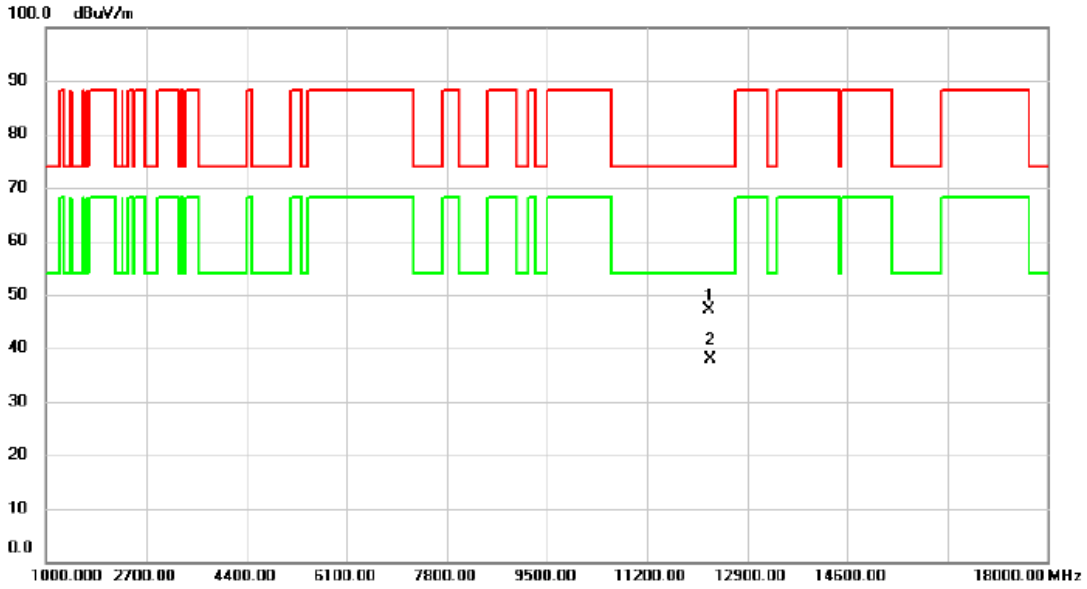
Test Mode	UNII-5_TX BE(EHT80) Mode 5985 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	11944.15	29.10	9.62	38.72	54.00	-15.28	AVG	
2		11954.70	39.67	9.60	49.27	74.00	-24.73	peak	

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

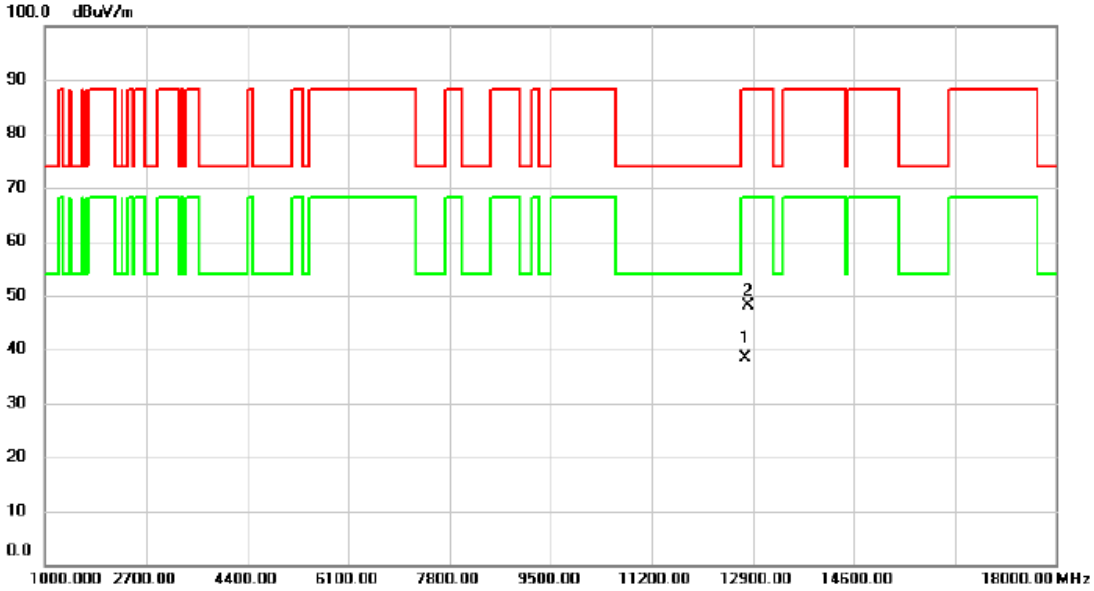
Test Mode	UNII-5_TX BE(EHT80) Mode 6145 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12247.20	37.68	9.56	47.24	74.00	-26.76	peak	
2	*	12284.00	28.25	9.56	37.81	54.00	-16.19	AVG	

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

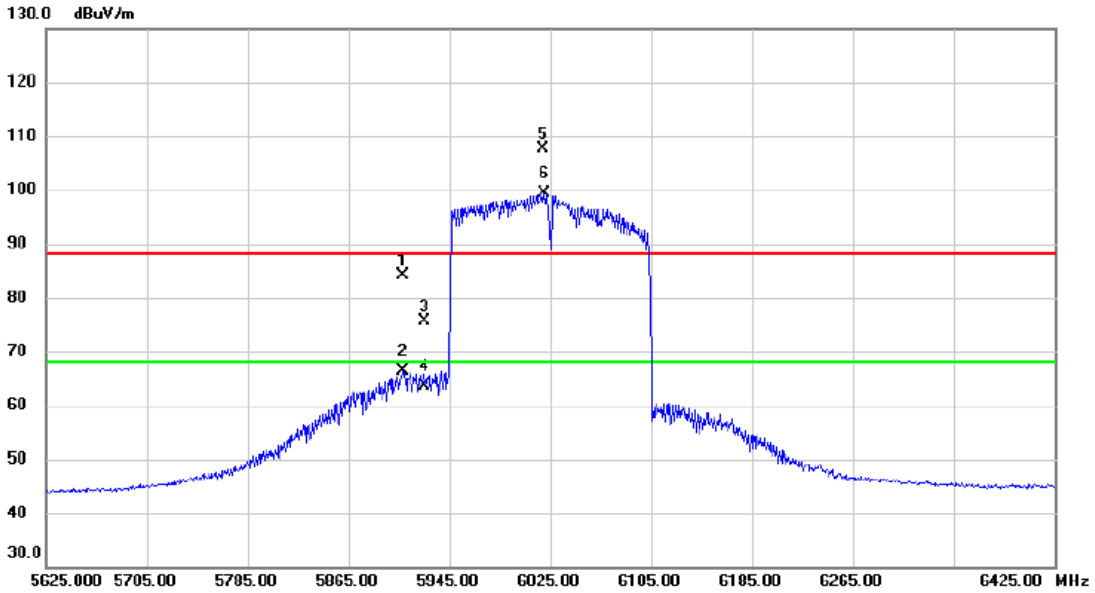
Test Mode	UNII-5_TX BE(EHT80) Mode 6385 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12769.95	28.48	9.82	38.30	68.20	-29.90	AVG	
2		12811.05	38.35	9.87	48.22	88.20	-39.98	peak	

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

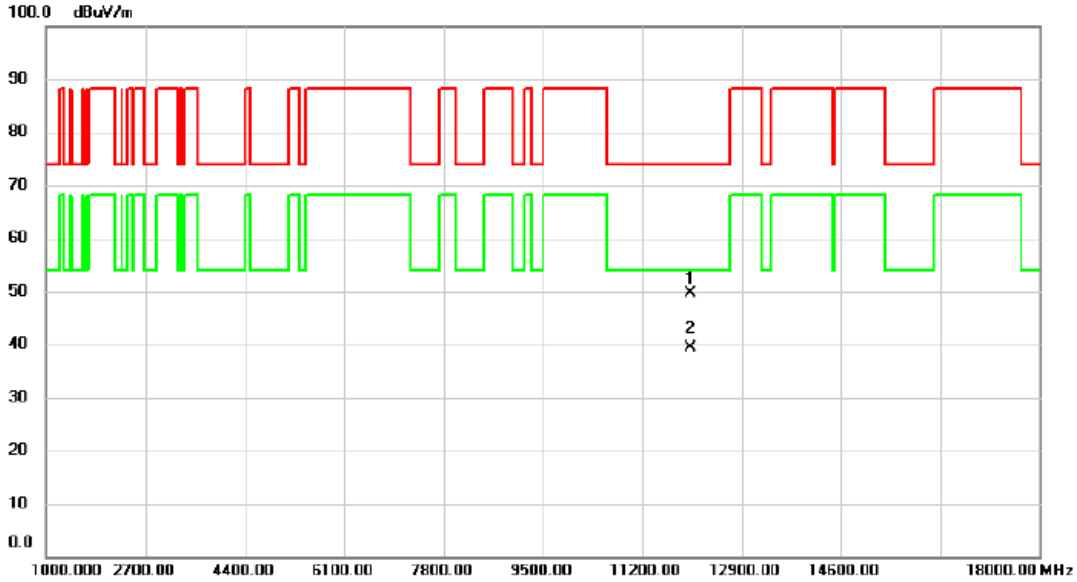
Test Mode	UNII-5_TX BE(EHT160) Mode 6025 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5908.600	68.64	15.58	84.22	88.20	-3.98	peak	
2		5908.600	50.69	15.58	66.27	68.20	-1.93	AVG	
3		5925.000	60.12	15.63	75.75	88.20	-12.45	peak	
4		5925.000	48.02	15.63	63.65	68.20	-4.55	AVG	
5	X	6019.400	91.83	15.90	107.73	88.20	19.53	peak	No Limit
6	*	6019.800	83.59	15.90	99.49	68.20	31.29	AVG	No Limit

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

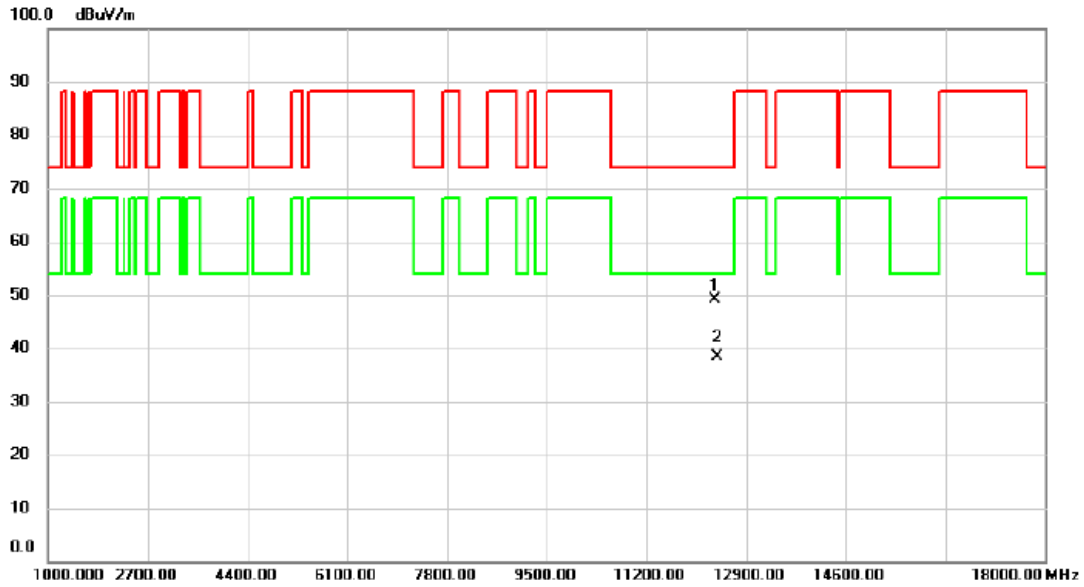
Test Mode	UNII-5_TX BE(EHT160) Mode 6025 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12017.80	39.97	9.60	49.57	74.00	-24.43	peak	
2	*	12019.40	29.80	9.60	39.40	54.00	-14.60	AVG	

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

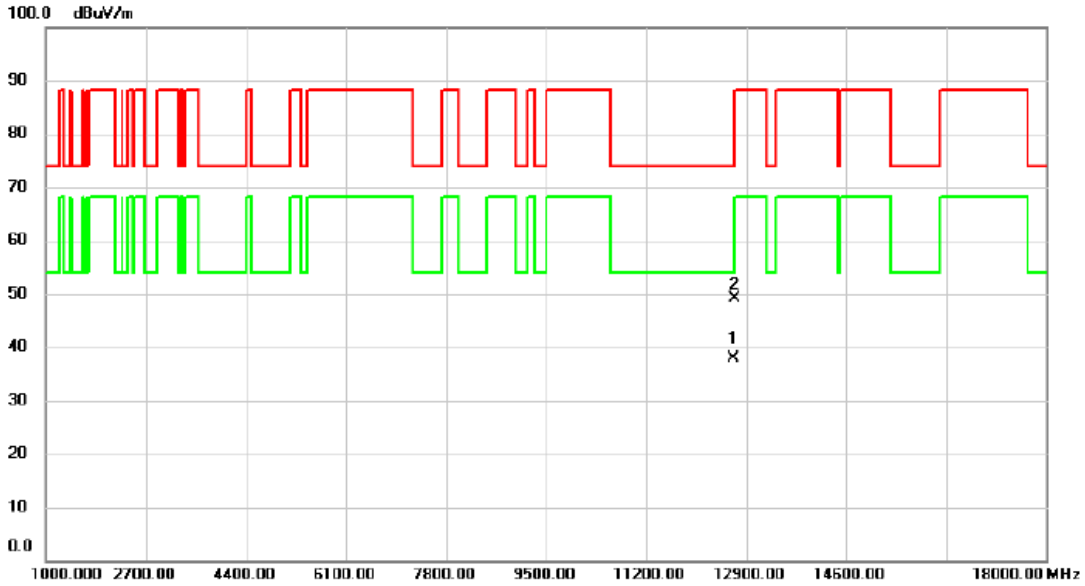
Test Mode	UNII-5_TX BE(EHT160) Mode 6185 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12366.10	39.68	9.55	49.23	74.00	-24.77	peak	
2	*	12416.75	28.79	9.54	38.33	54.00	-15.67	AVG	

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

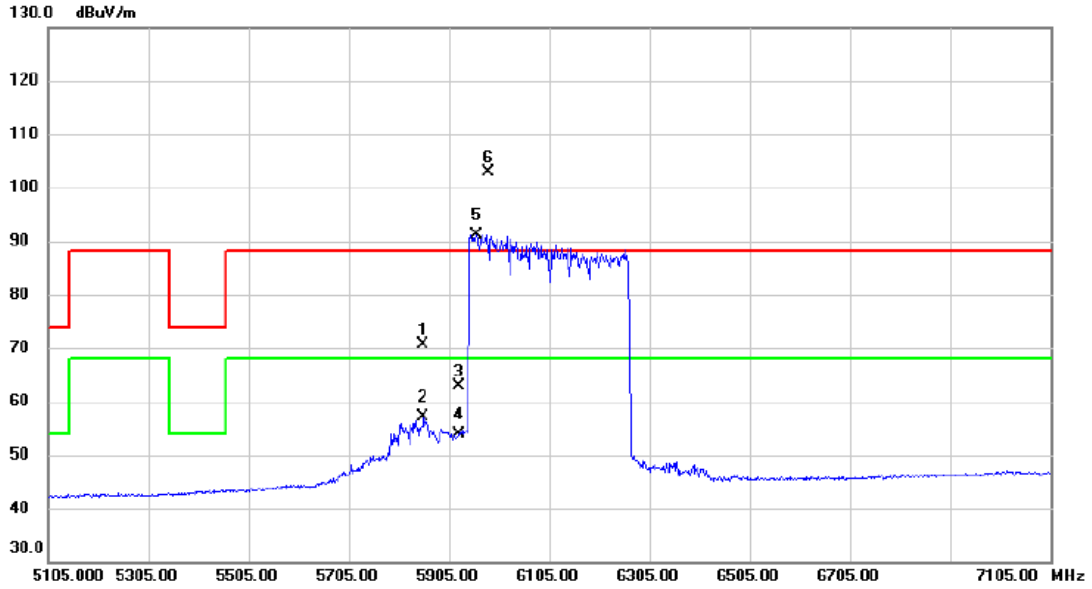
Test Mode	UNII-5_TX BE(EHT160) Mode 6345 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12693.15	28.12	9.74	37.86	54.00	-16.14	AVG	
2		12696.70	39.27	9.75	49.02	74.00	-24.98	peak	

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

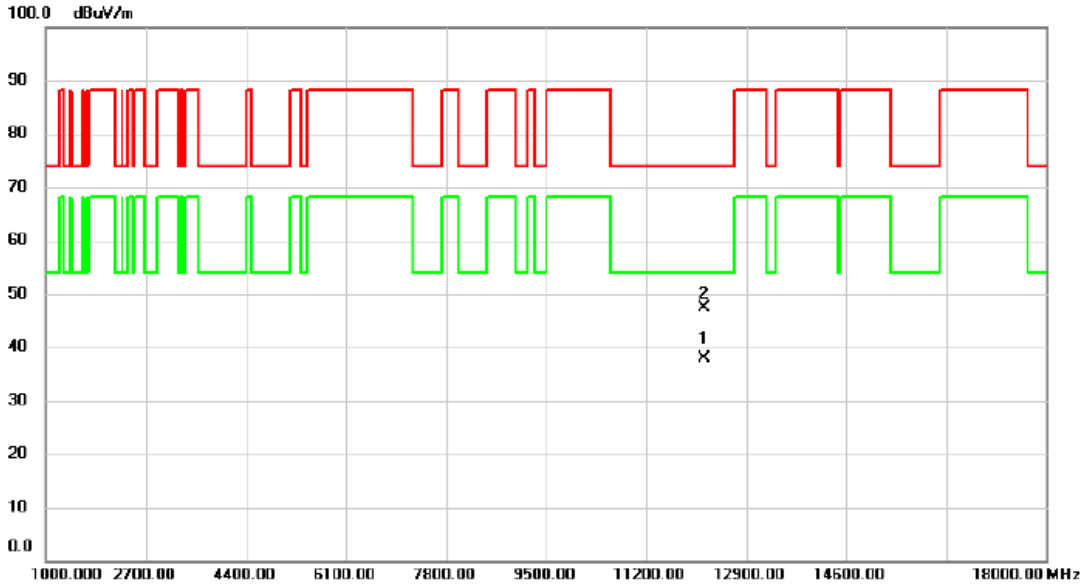
Test Mode	UNII-5_TX BE(EHT320) Mode 6105 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5854.000	55.22	15.41	70.63	88.20	-17.57	peak	
2		5854.000	41.83	15.41	57.24	68.20	-10.96	AVG	
3		5925.000	47.35	15.63	62.98	88.20	-25.22	peak	
4		5925.000	38.18	15.63	53.81	68.20	-14.39	AVG	
5	*	5960.000	75.51	15.74	91.25	68.20	23.05	AVG	No Limit
6	X	5983.000	86.97	15.83	102.80	88.20	14.60	peak	No Limit

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

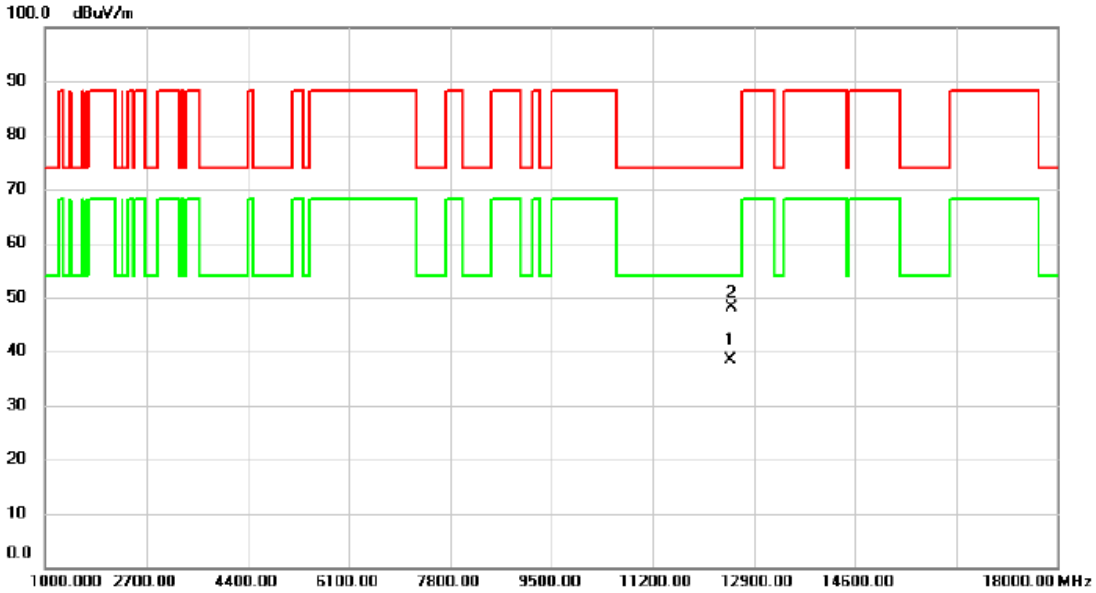
Test Mode	UNII-5_TX BE(EHT320) Mode 6105 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12178.60	28.36	9.58	37.94	54.00	-16.06	AVG	
2		12183.95	37.79	9.57	47.36	74.00	-26.64	peak	

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

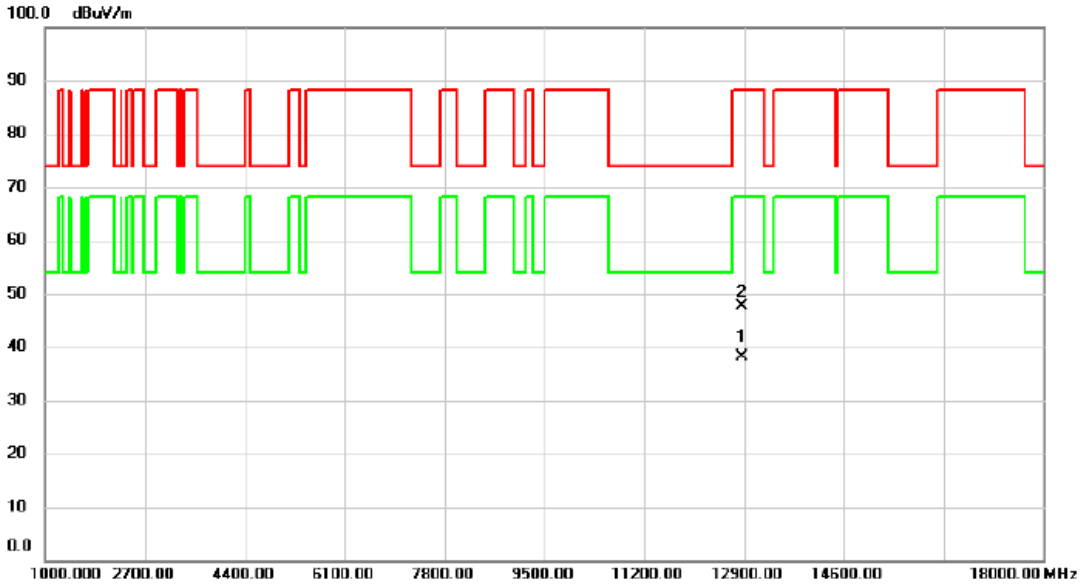
Test Mode	UNII-5_TX BE(EHT320) Mode 6265 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12510.40	28.81	9.54	38.35	54.00	-15.65	AVG	
2		12521.35	38.46	9.55	48.01	74.00	-25.99	peak	

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

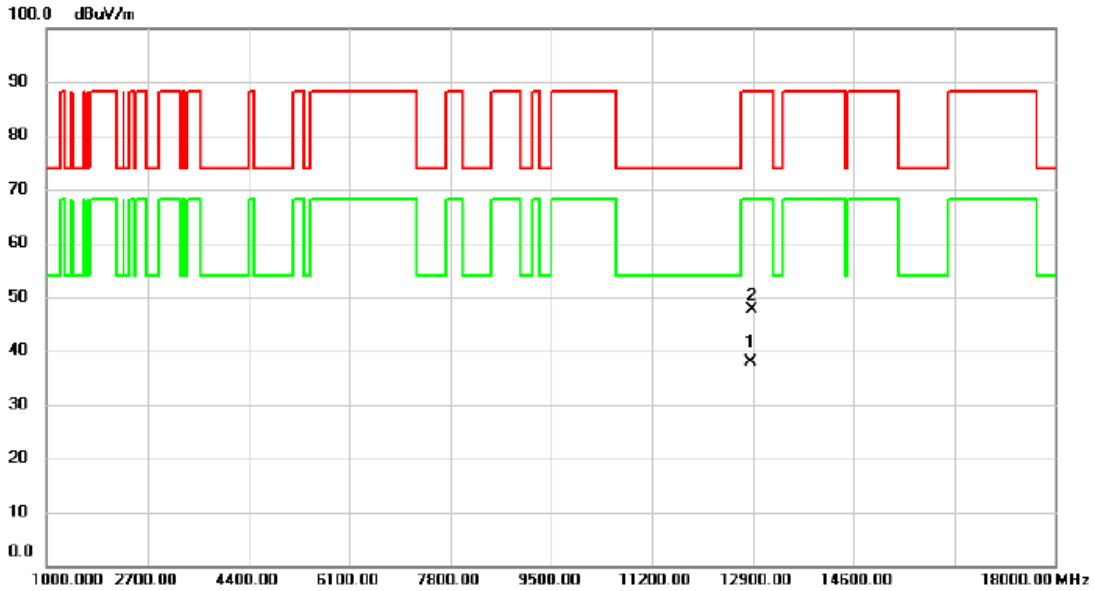
Test Mode	UNII-6_TX A Mode 6435 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12867.07	28.08	9.93	38.01	68.20	-30.19	AVG	
2		12876.30	37.76	9.94	47.70	88.20	-40.50	peak	

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

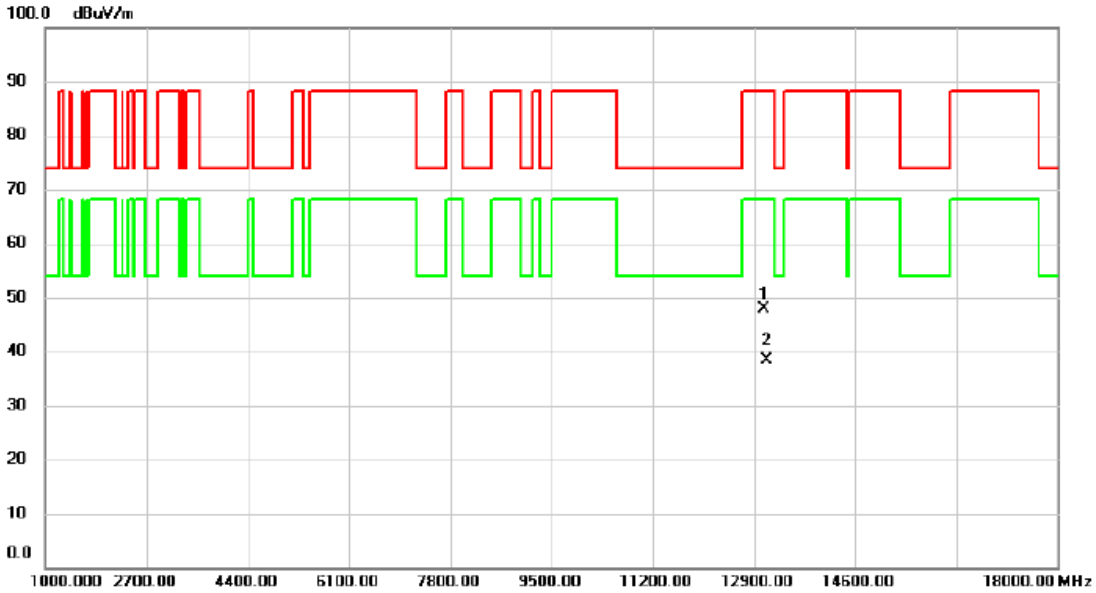
Test Mode	UNII-6_TX A Mode 6475 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12877.02	27.92	9.94	37.86	68.20	-30.34	AVG	
2		12888.95	37.70	9.96	47.66	88.20	-40.54	peak	

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

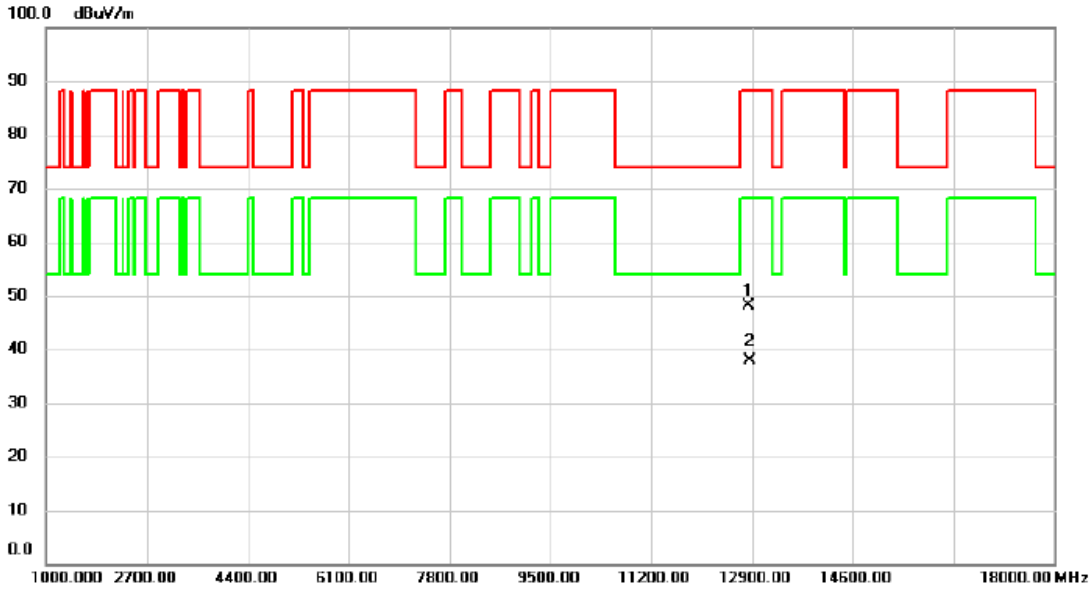
Test Mode	UNII-6_TX A Mode 6515 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13075.82	37.80	10.17	47.97	88.20	-40.23	peak	
2	*	13104.85	28.16	10.21	38.37	68.20	-29.83	AVG	

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

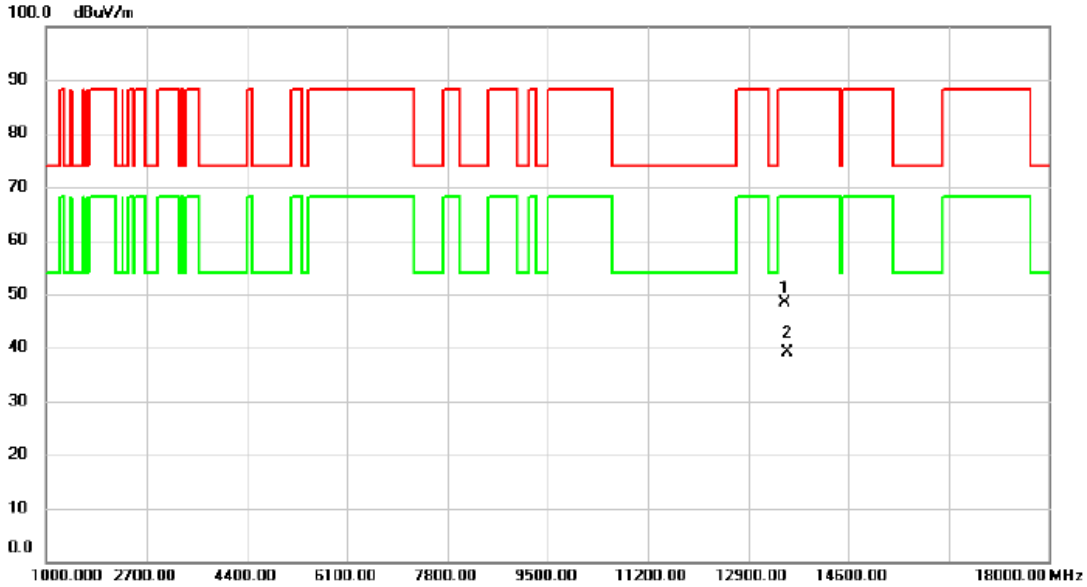
Test Mode	UNII-6_TX AX(HE20) Mode 6435 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12835.12	38.12	9.89	48.01	88.20	-40.19	peak	
2	*	12867.97	28.07	9.93	38.00	68.20	-30.20	AVG	

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

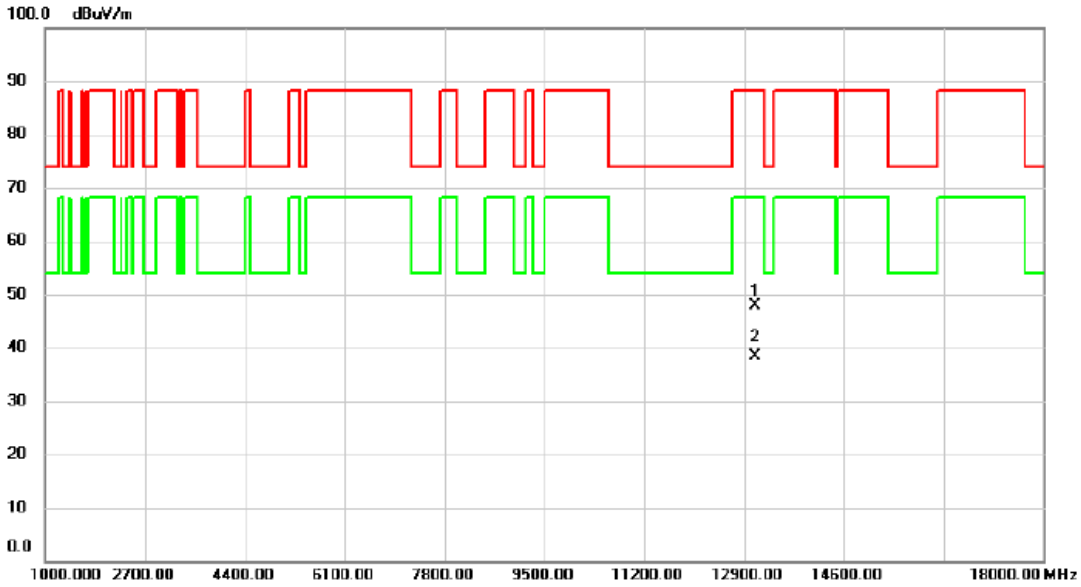
Test Mode	UNII-6_TX AX(HE20) Mode 6475 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13518.87	37.69	10.72	48.41	88.20	-39.79	peak	
2	*	13563.65	28.21	10.82	39.03	68.20	-29.17	AVG	

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

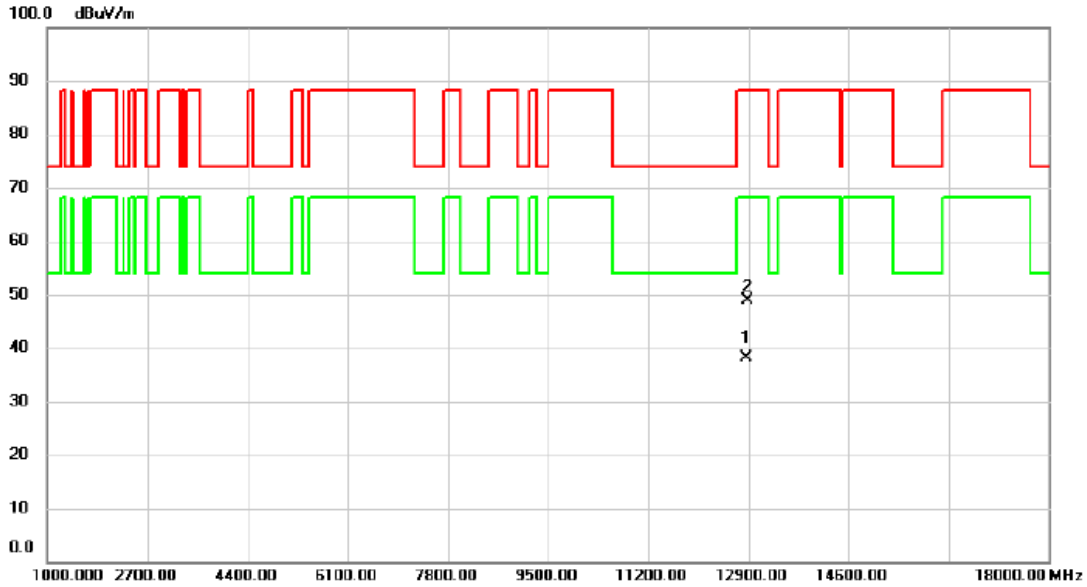
Test Mode	UNII-6_TX AX(HE20) Mode 6515 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13096.15	37.70	10.20	47.90	88.20	-40.30	peak	
2	*	13103.95	28.11	10.20	38.31	68.20	-29.89	AVG	

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

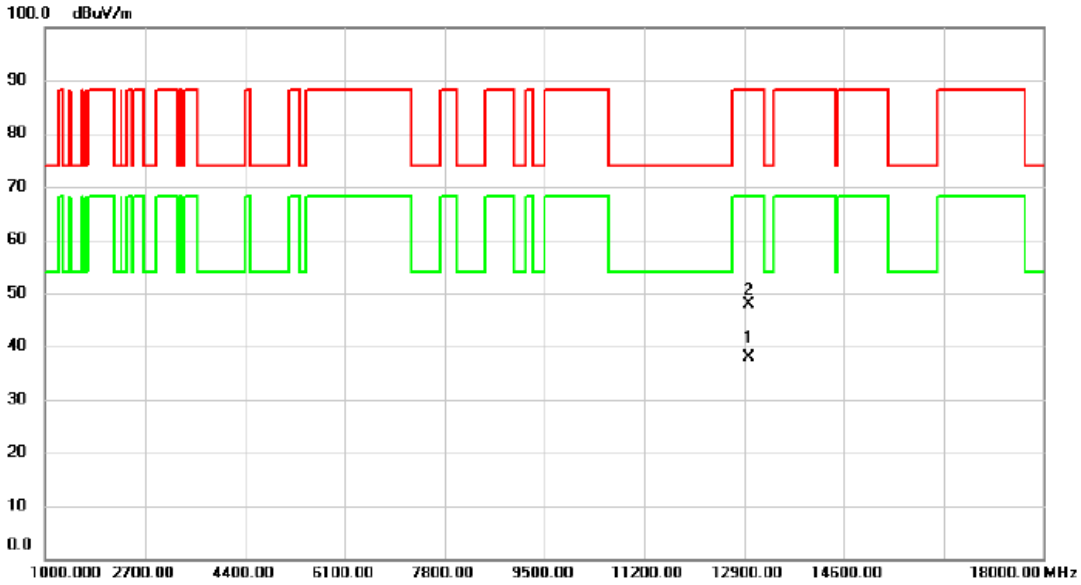
Test Mode	UNII-6_TX AX(HE40) Mode 6445 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12870.67	28.15	9.94	38.09	68.20	-30.11	AVG	
2		12878.77	38.96	9.94	48.90	88.20	-39.30	peak	

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

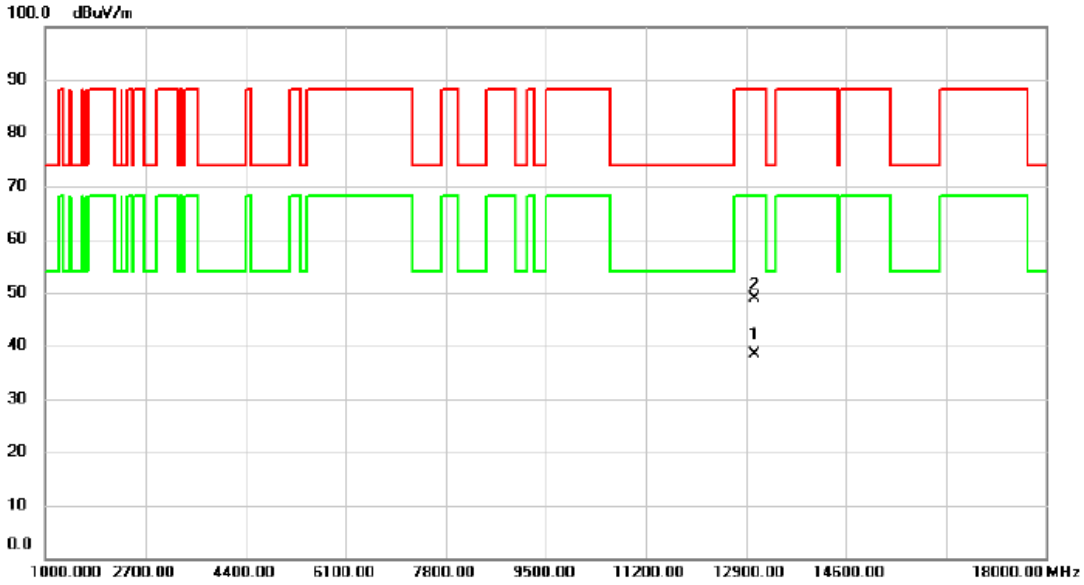
Test Mode	UNII-6_TX AX(HE40) Mode 6485 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12969.82	27.84	10.05	37.89	68.20	-30.31	AVG	
2		12975.07	37.81	10.05	47.86	88.20	-40.34	peak	

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

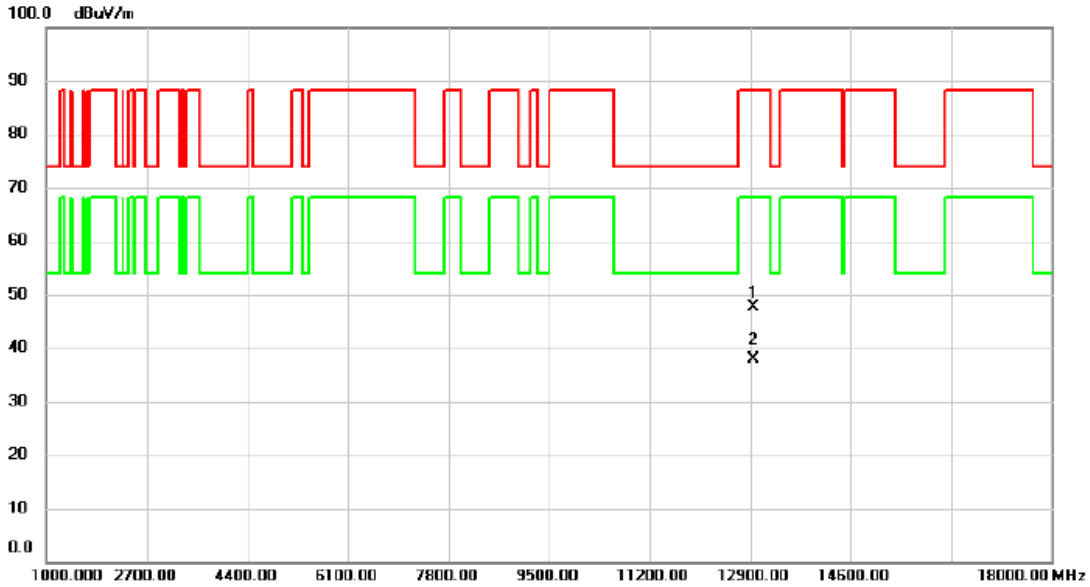
Test Mode	UNII-6_TX AX(HE40) Mode 6525 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13040.65	28.13	10.13	38.26	68.20	-29.94	AVG	
2		13041.80	38.75	10.14	48.89	88.20	-39.31	peak	

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

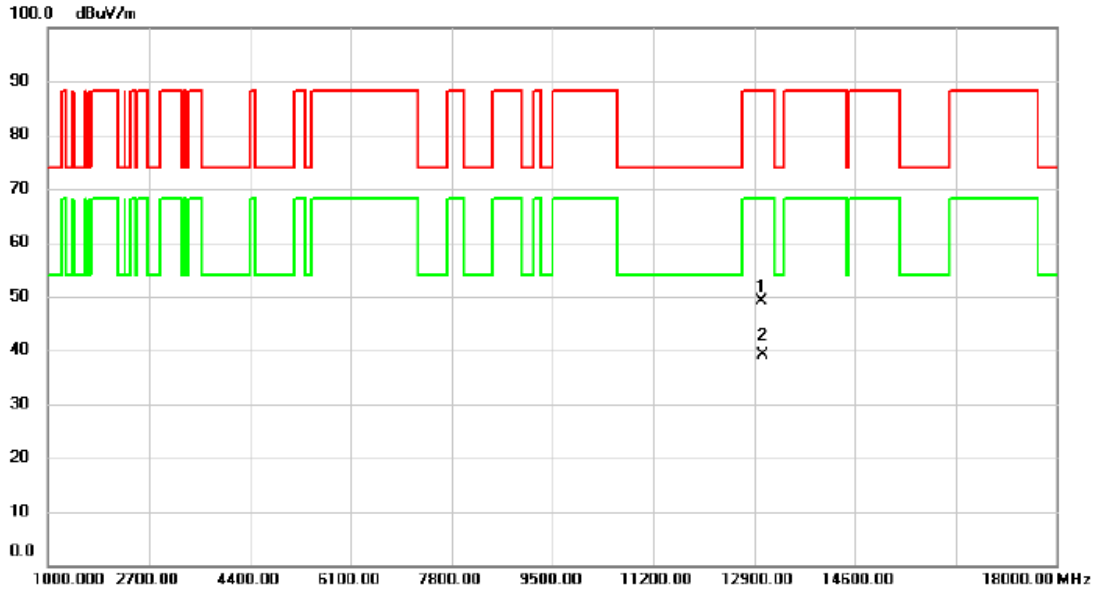
Test Mode	UNII-6_TX AX(HE80) Mode 6465 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12947.75	37.55	10.03	47.58	88.20	-40.62	peak	
2	*	12954.62	27.82	10.03	37.85	68.20	-30.35	AVG	

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

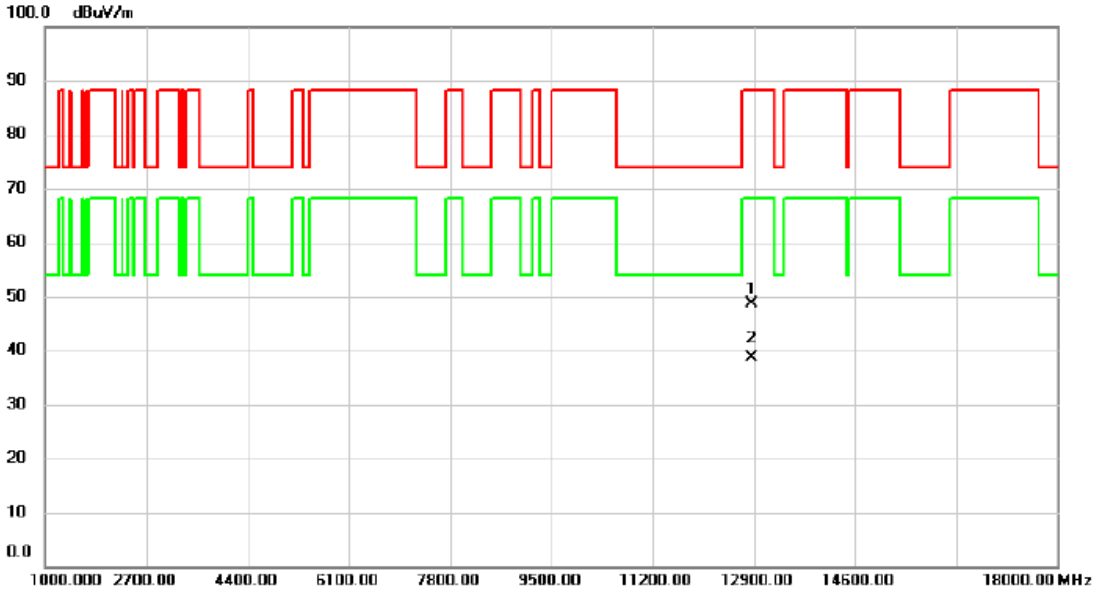
Test Mode	UNII-6_TX AX(HE160) Mode 6505 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13034.65	39.08	10.12	49.20	88.20	-39.00	peak	
2	*	13041.55	29.00	10.13	39.13	68.20	-29.07	AVG	

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

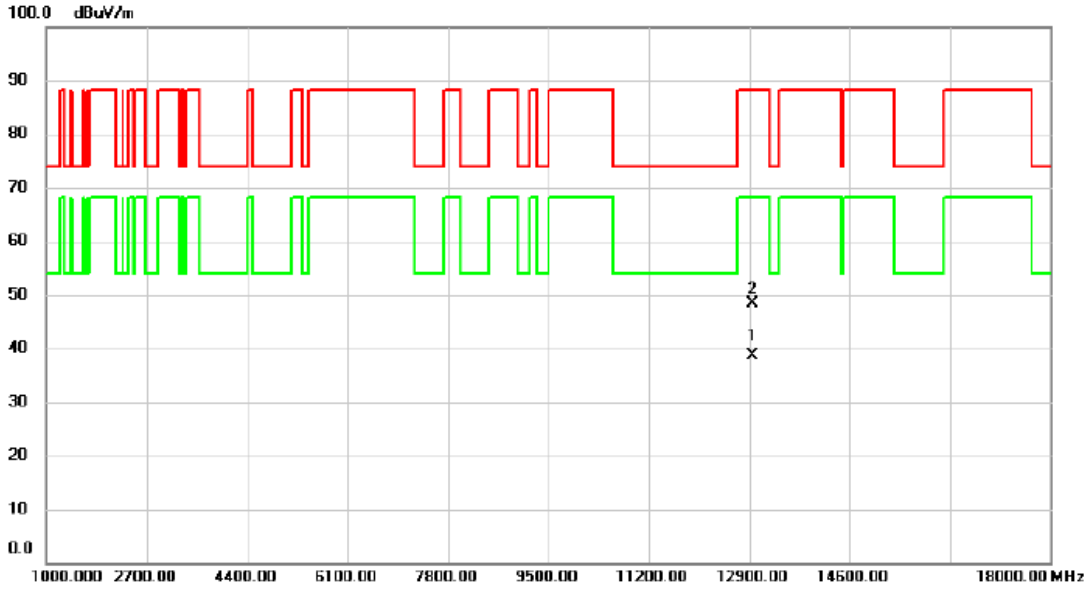
Test Mode	UNII-6_TX BE(EHT20) Mode 6435 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12869.70	38.69	9.94	48.63	88.20	-39.57	peak	
2	*	12869.85	28.66	9.94	38.60	68.20	-29.60	AVG	

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

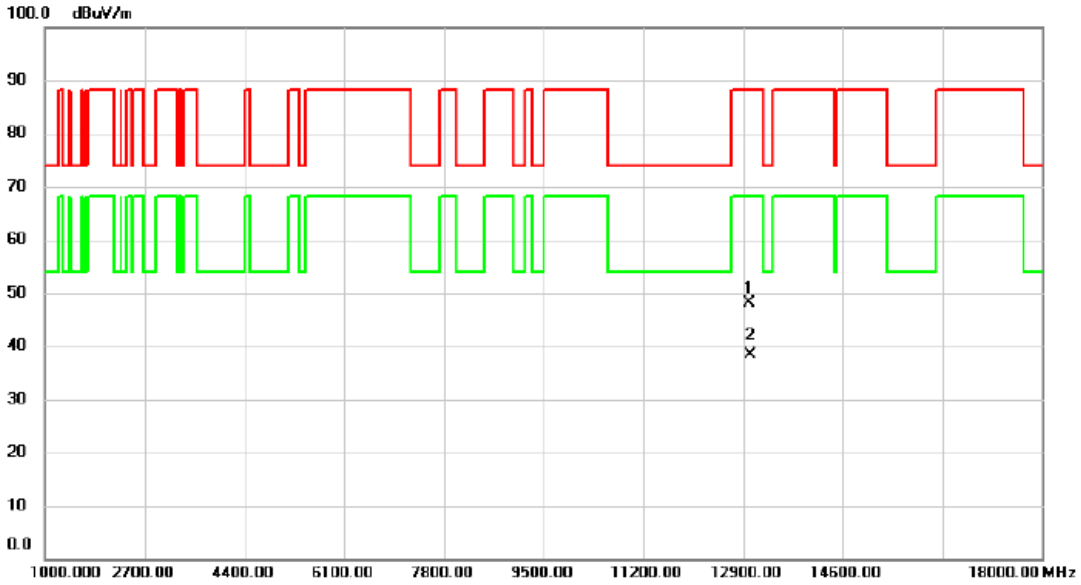
Test Mode	UNII-6_TX BE(EHT20) Mode 6475 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12950.00	28.67	10.03	38.70	68.20	-29.50	AVG	
2		12953.40	38.42	10.03	48.45	88.20	-39.75	peak	

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

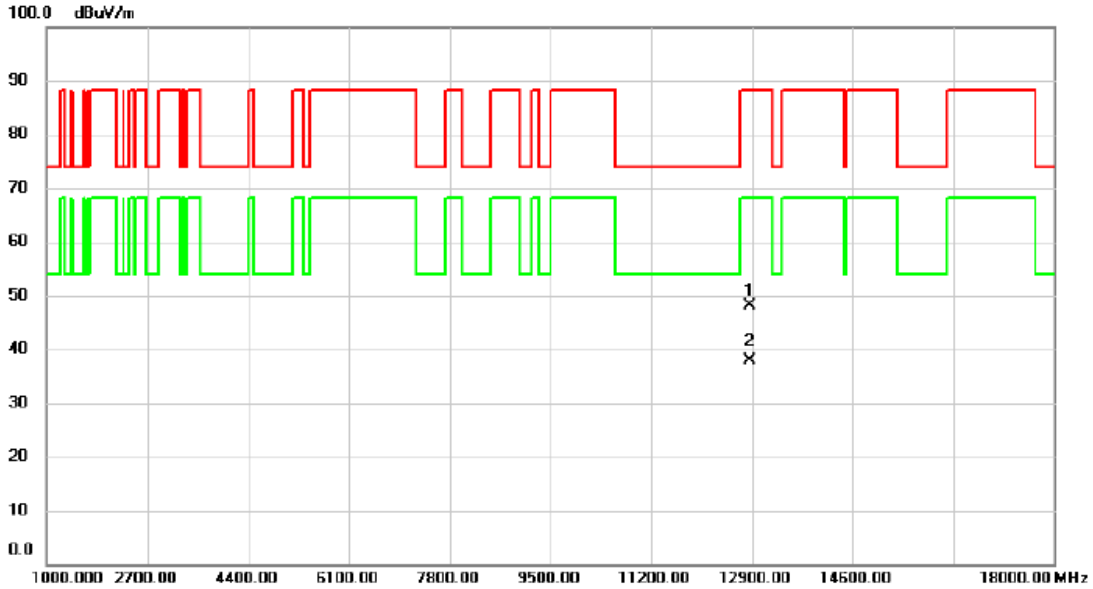
Test Mode	UNII-6_TX BE(EHT20) Mode 6515 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13012.60	38.09	10.10	48.19	88.20	-40.01	peak	
2	*	13029.75	28.32	10.12	38.44	68.20	-29.76	AVG	

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

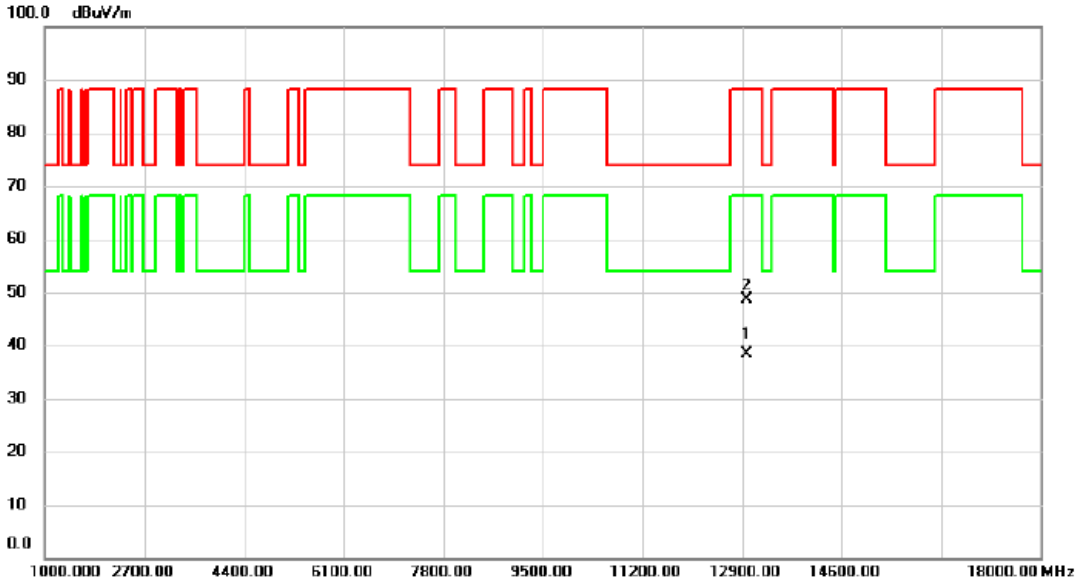
Test Mode	UNII-6_TX BE(EHT40) Mode 6445 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12868.42	38.23	9.93	48.16	88.20	-40.04	peak	
2	*	12869.85	28.06	9.94	38.00	68.20	-30.20	AVG	

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

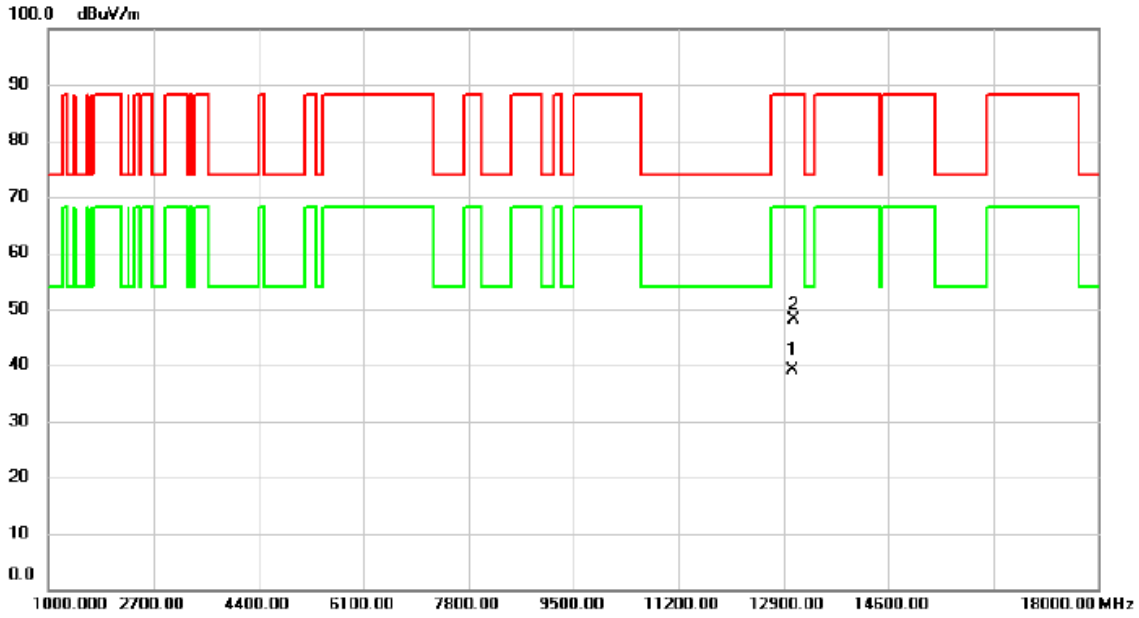
Test Mode	UNII-6_TX BE(EHT40) Mode 6485 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12969.92	28.25	10.05	38.30	68.20	-29.90	AVG	
2		12972.27	38.51	10.06	48.57	88.20	-39.63	peak	

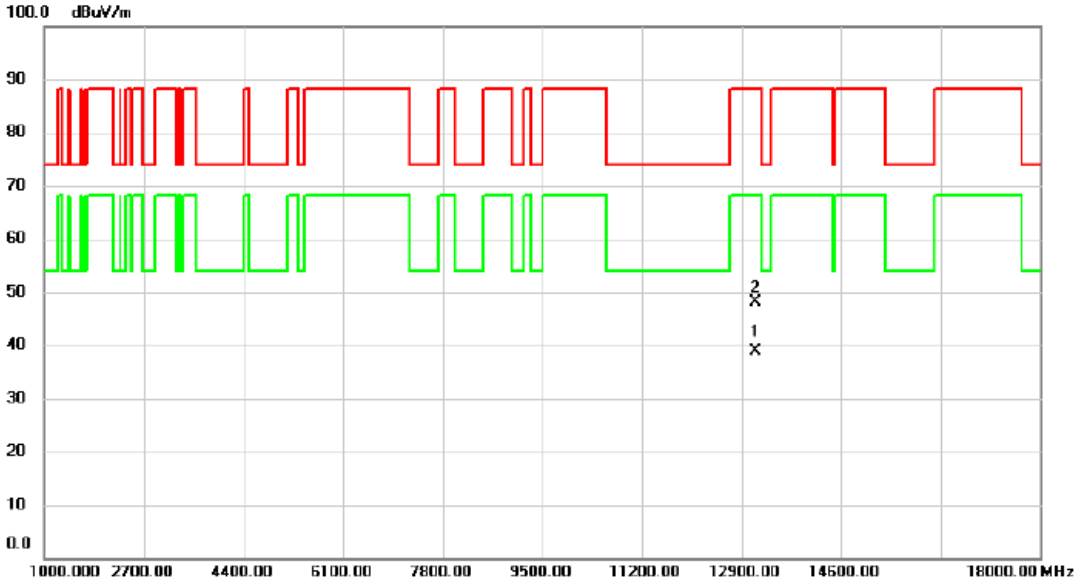
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	UNII-6_TX BE(EHT40) Mode 6525 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13049.87	29.00	10.15	39.15	68.20	-29.05	AVG	
2		13067.00	37.95	10.17	48.12	88.20	-40.08	peak	

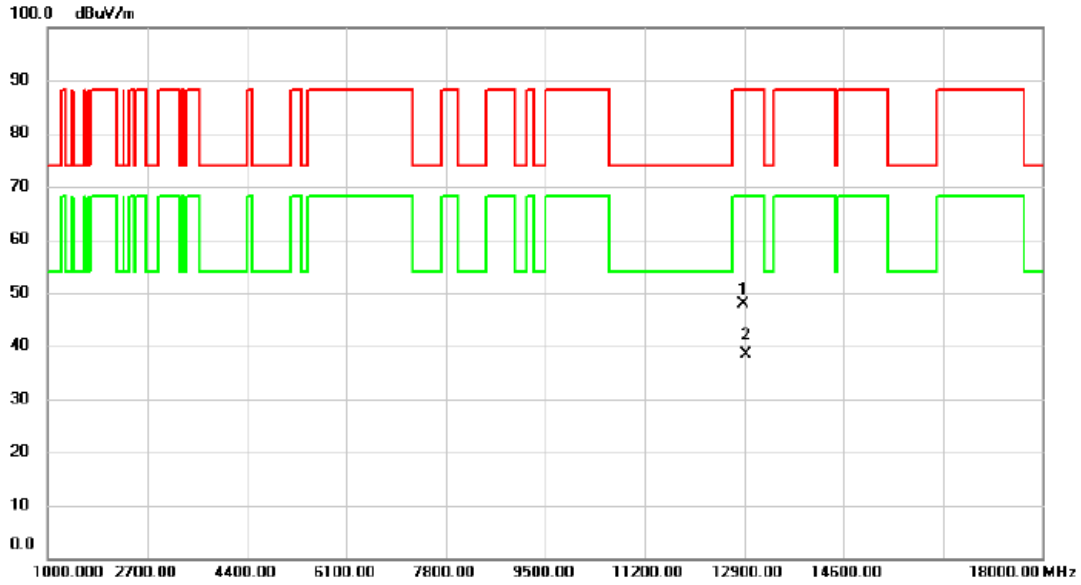
Test Mode	UNII-6_TX BE(EHT40) Mode 6565 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13129.95	28.69	10.23	38.92	68.20	-29.28	AVG	
2		13131.32	37.91	10.23	48.14	88.20	-40.06	peak	

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

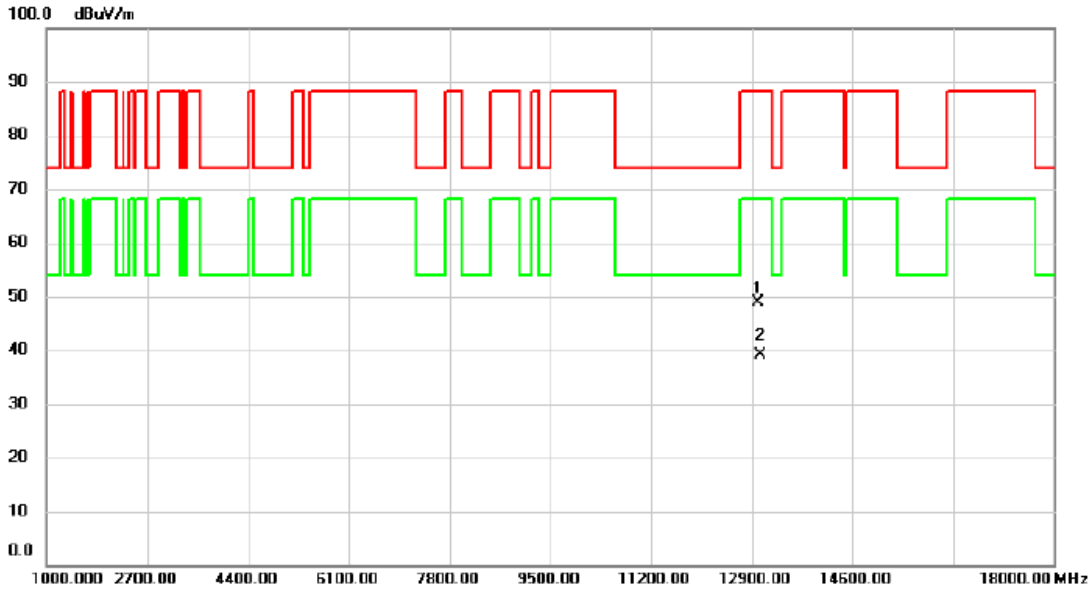
Test Mode	UNII-6_TX BE(EHT80) Mode 6465 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12883.30	38.01	9.96	47.97	88.20	-40.23	peak	
2	*	12929.90	28.36	10.00	38.36	68.20	-29.84	AVG	

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

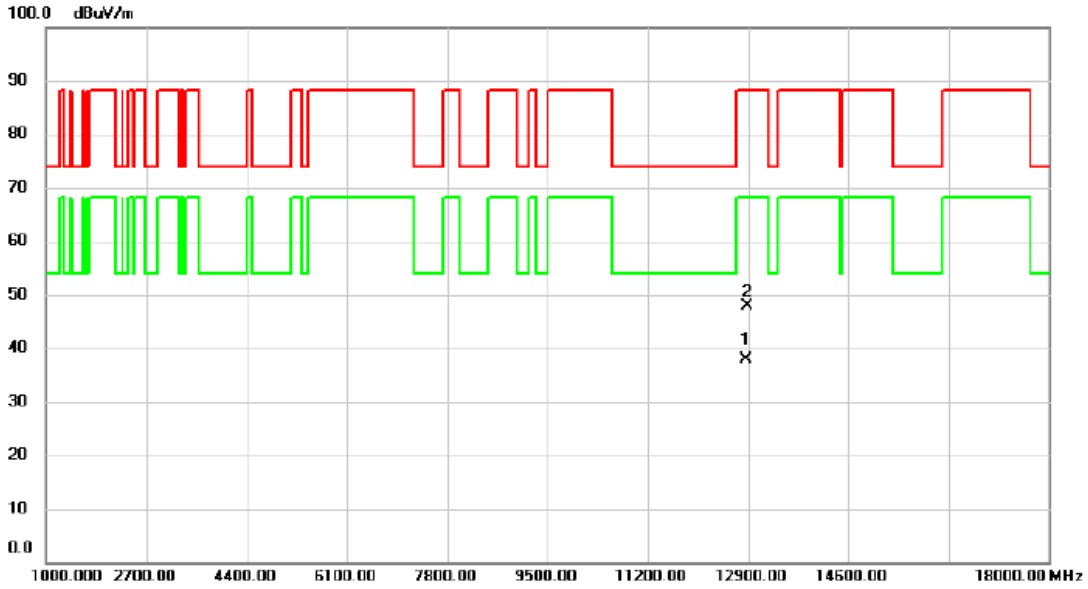
Test Mode	UNII-6_TX BE(EHT160) Mode 6505 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13001.30	38.81	10.08	48.89	88.20	-39.31	peak	
2	*	13043.75	28.94	10.13	39.07	68.20	-29.13	AVG	

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

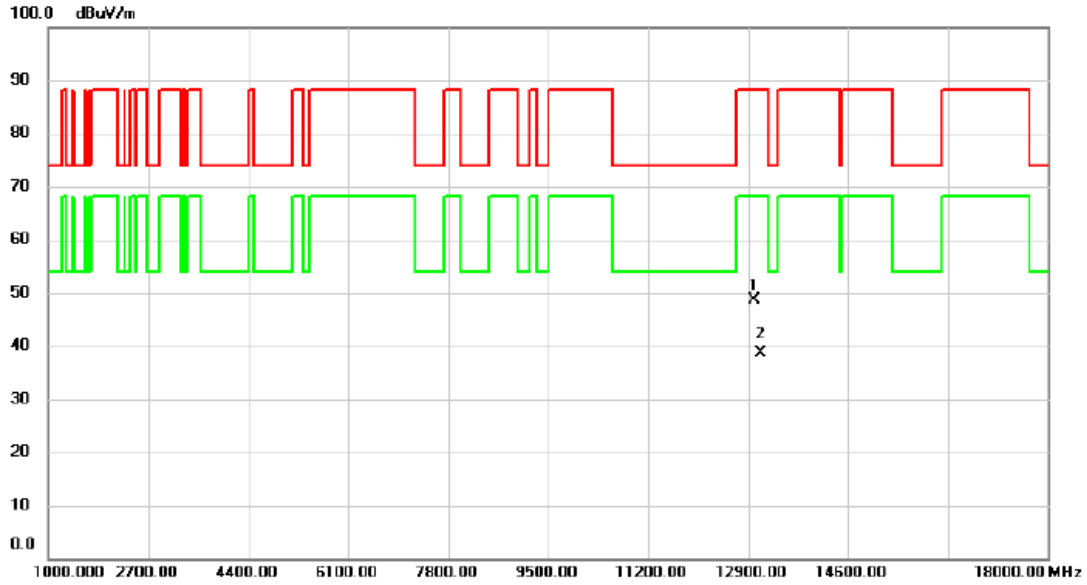
Test Mode	UNII-6_TX BE(EHT320) Mode 6525 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	12866.15	27.98	9.93	37.91	68.20	-30.29	AVG	
2		12883.60	37.85	9.96	47.81	88.20	-40.39	peak	

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

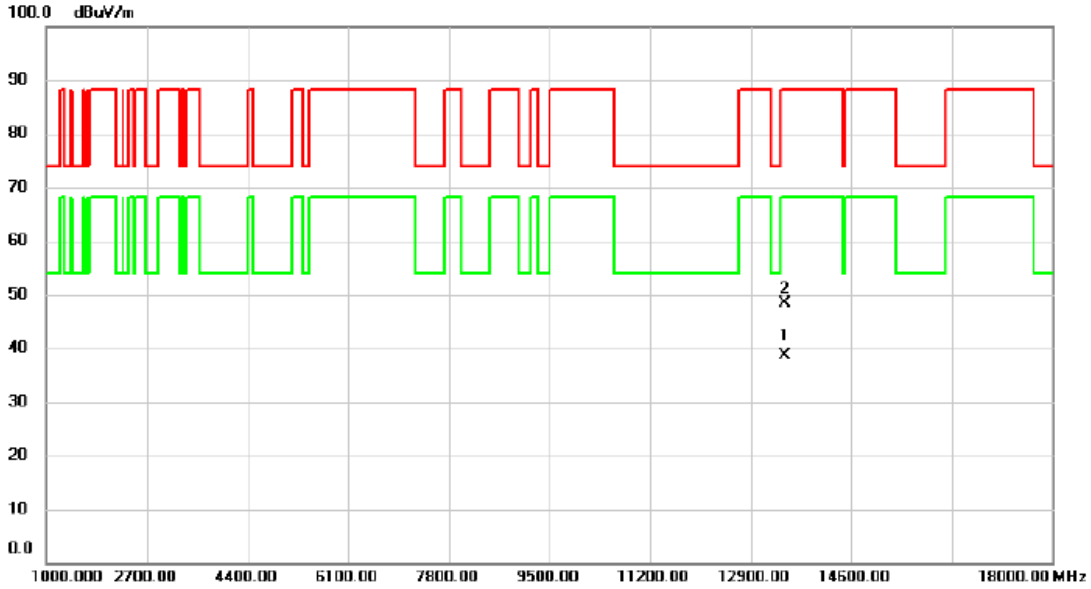
Test Mode	UNII-7_TX A Mode 6535 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13001.07	38.44	10.08	48.52	88.20	-39.68	peak	
2	*	13120.47	28.43	10.23	38.66	68.20	-29.54	AVG	

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

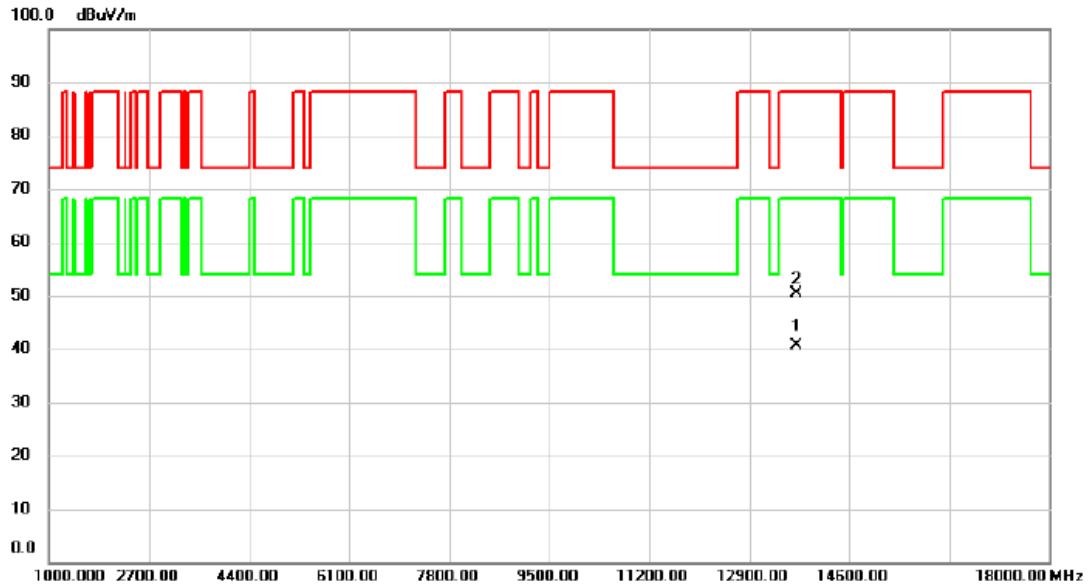
Test Mode	UNII-7_TX A Mode 6715 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13472.37	28.10	10.65	38.75	68.20	-29.45	AVG	
2		13476.27	37.74	10.66	48.40	88.20	-39.80	peak	

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

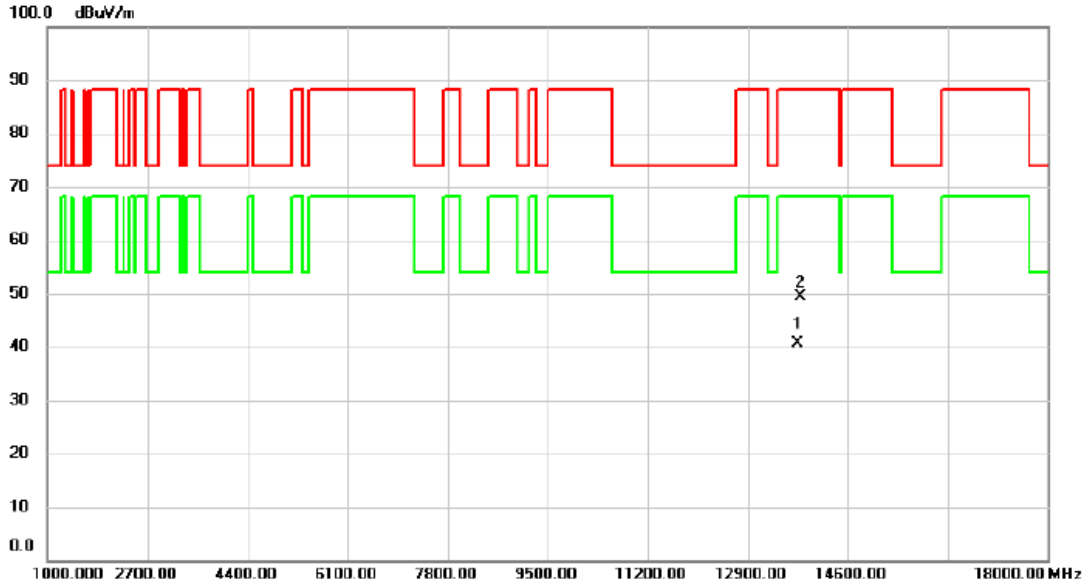
Test Mode	UNII-7_TX A Mode 6855 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13708.20	29.46	11.11	40.57	68.20	-27.63	AVG	
2		13710.45	39.34	11.11	50.45	88.20	-37.75	peak	

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

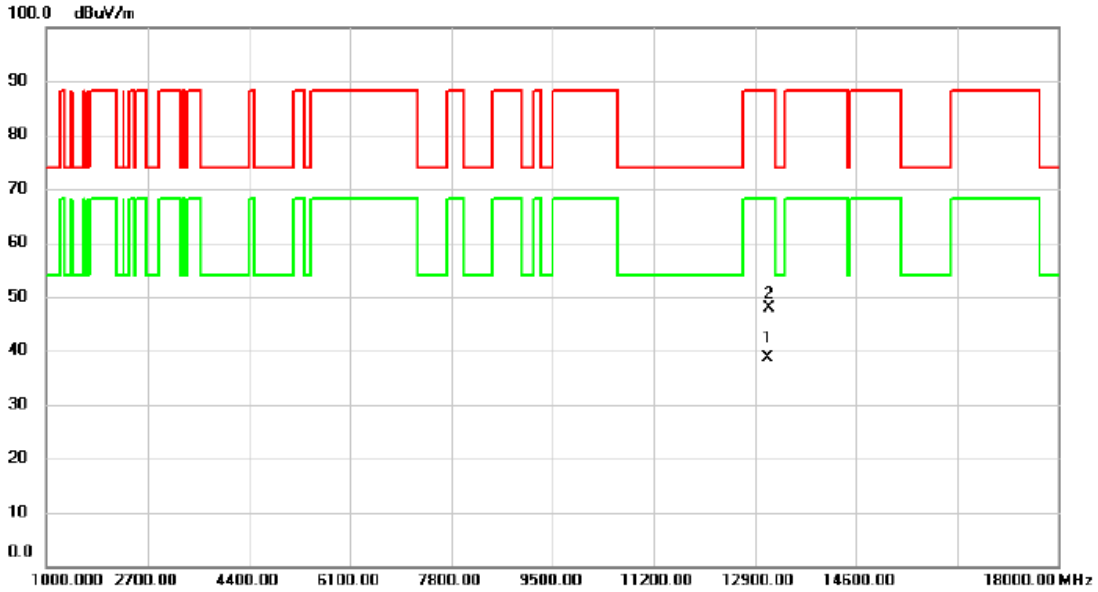
Test Mode	UNII-7_TX A Mode 6875 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13748.35	29.34	11.19	40.53	68.20	-27.67	AVG	
2		13795.82	38.05	11.28	49.33	88.20	-38.87	peak	

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

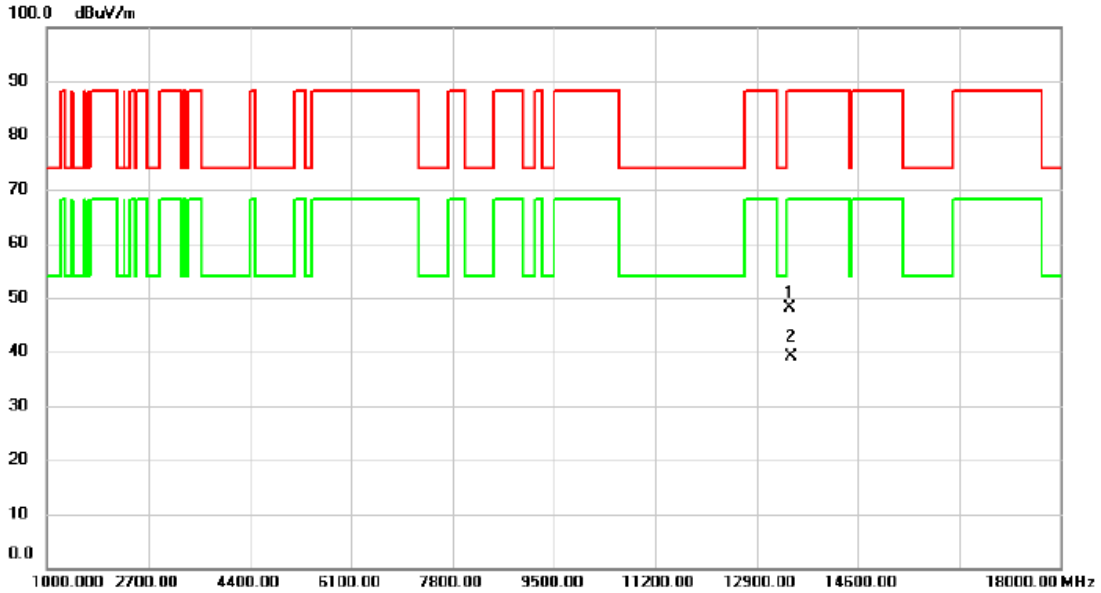
Test Mode	UNII-7_TX AX(HE20) Mode 6535 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13118.15	28.38	10.23	38.61	68.20	-29.59	AVG	
2		13127.82	37.66	10.24	47.90	88.20	-40.30	peak	

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

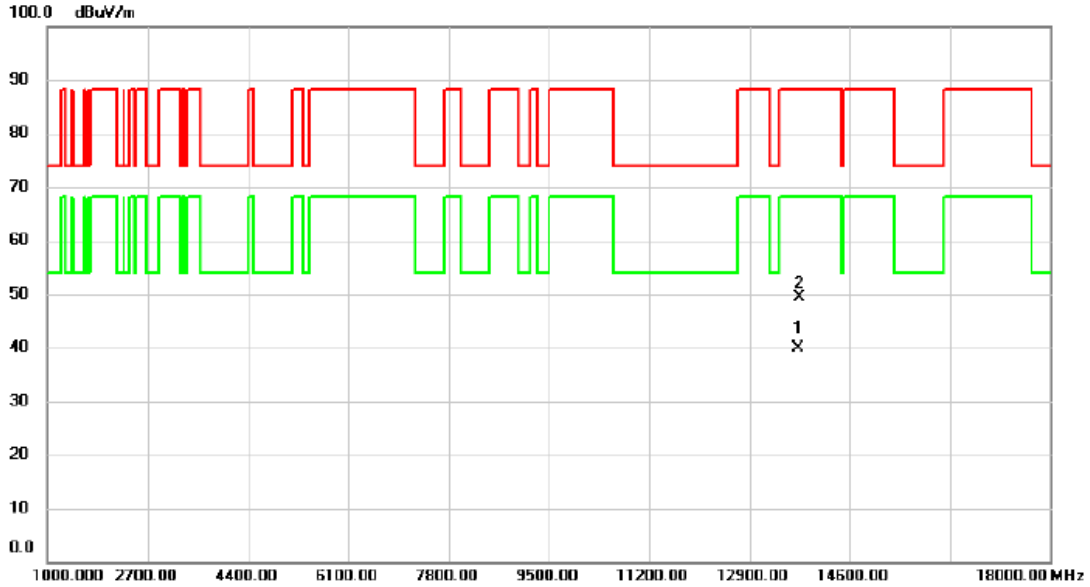
Test Mode	UNII-7_TX AX(HE20) Mode 6715 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13444.92	37.62	10.63	48.25	88.20	-39.95	peak	
2	*	13467.87	28.38	10.66	39.04	68.20	-29.16	AVG	

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

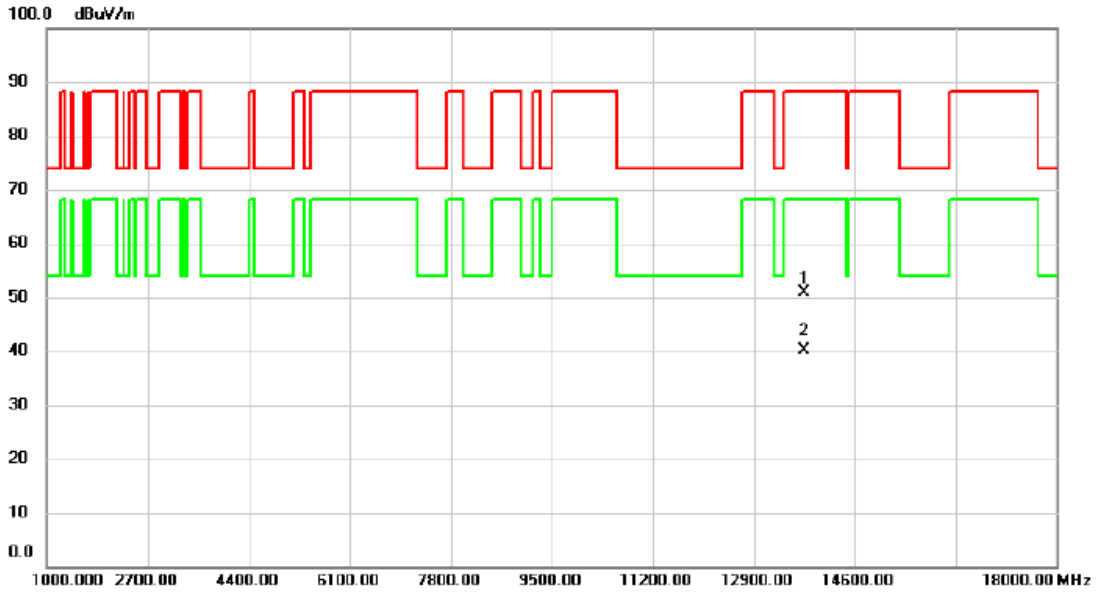
Test Mode	UNII-7_TX AX(HE20) Mode 6855 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13716.52	28.84	11.12	39.96	68.20	-28.24	AVG	
2		13750.20	38.17	11.19	49.36	88.20	-38.84	peak	

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

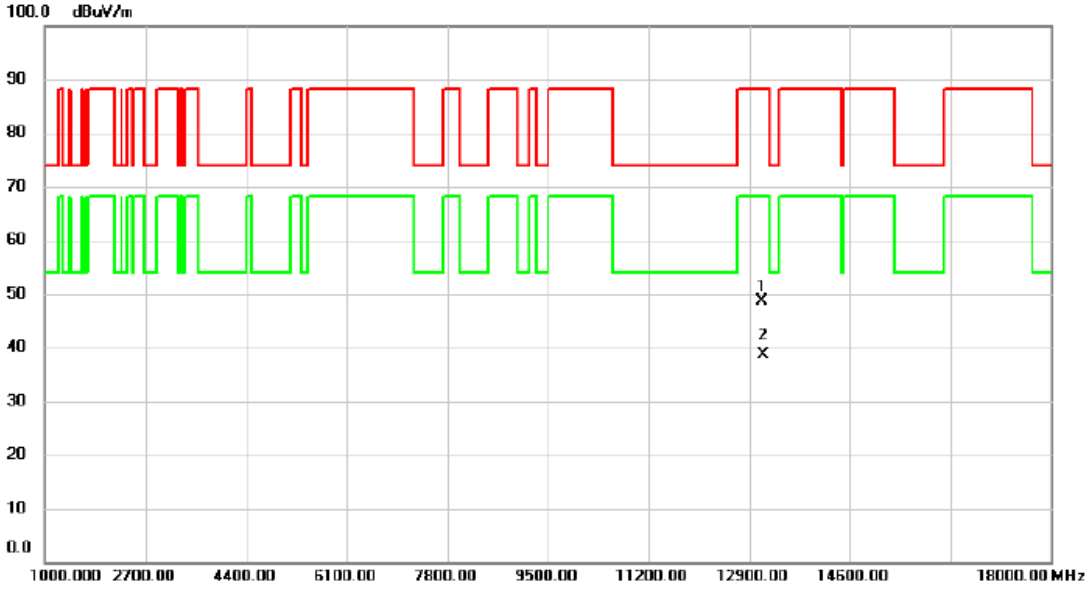
Test Mode	UNII-7_TX AX(HE20) Mode 6875 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13749.02	39.61	11.19	50.80	88.20	-37.40	peak	
2	*	13749.47	28.93	11.19	40.12	68.20	-28.08	AVG	

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

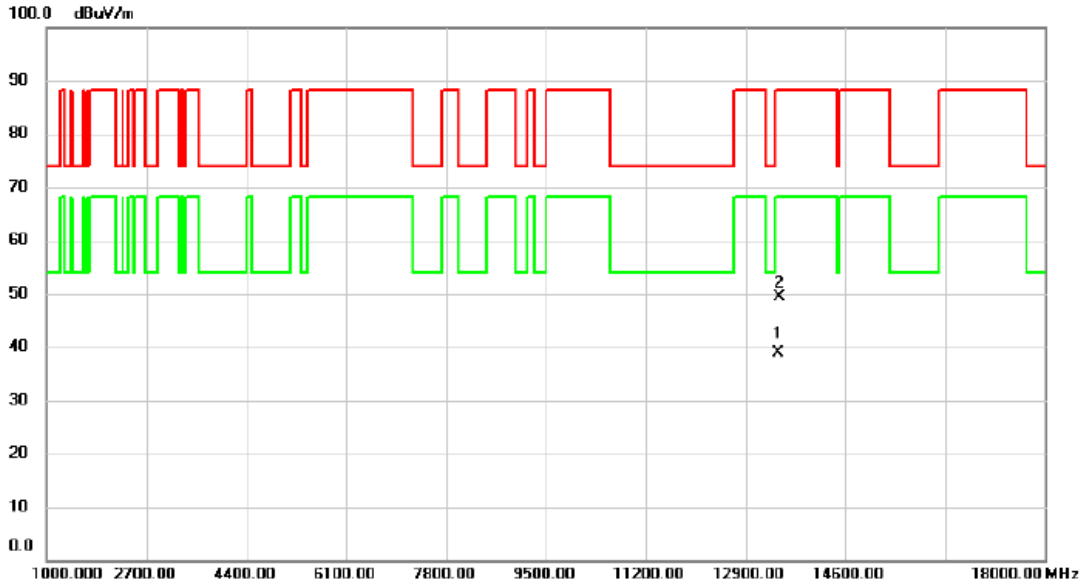
Test Mode	UNII-7_TX AX(HE40) Mode 6565 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13113.05	38.45	10.22	48.67	88.20	-39.53	peak	
2	*	13137.45	28.29	10.25	38.54	68.20	-29.66	AVG	

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

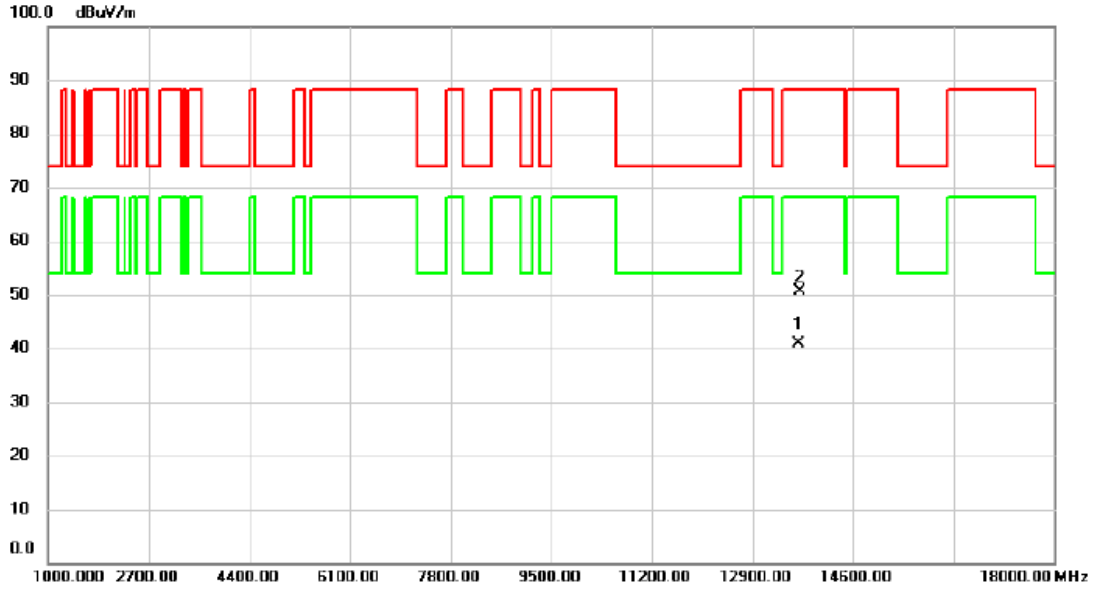
Test Mode	UNII-7_TX AX(HE40) Mode 6725 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13455.15	28.12	10.64	38.76	68.20	-29.44	AVG	
2		13471.72	38.75	10.65	49.40	88.20	-38.80	peak	

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

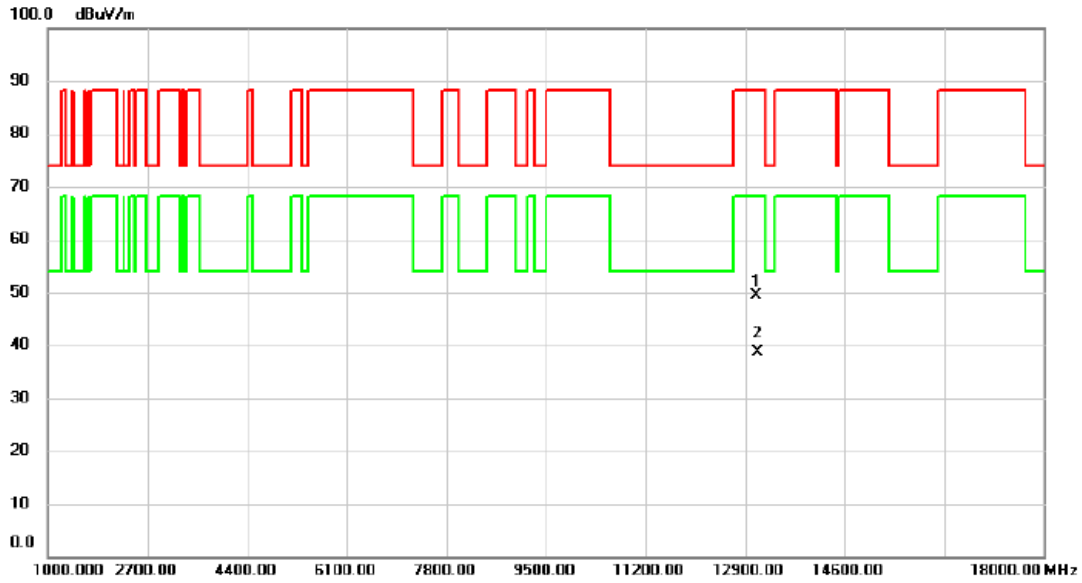
Test Mode	UNII-7_TX AX(HE40) Mode 6845 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13687.97	29.74	11.07	40.81	68.20	-27.39	AVG	
2		13693.50	39.68	11.07	50.75	88.20	-37.45	peak	

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

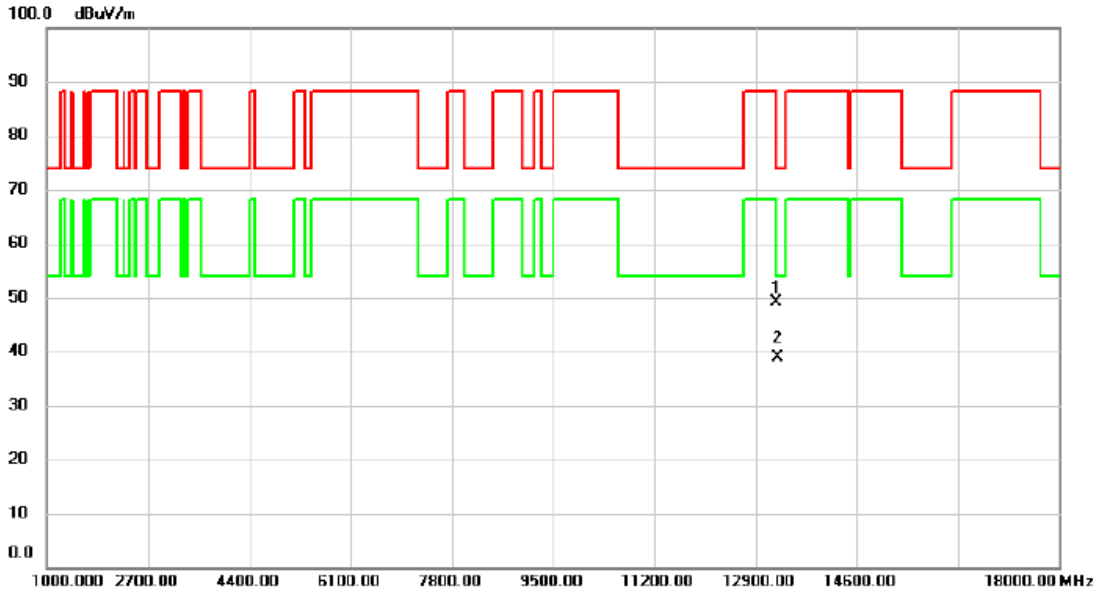
Test Mode	UNII-7_TX AX(HE80) Mode 6546 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13092.10	39.11	10.19	49.30	88.20	-38.90	peak	
2	*	13108.87	28.52	10.21	38.73	68.20	-29.47	AVG	

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

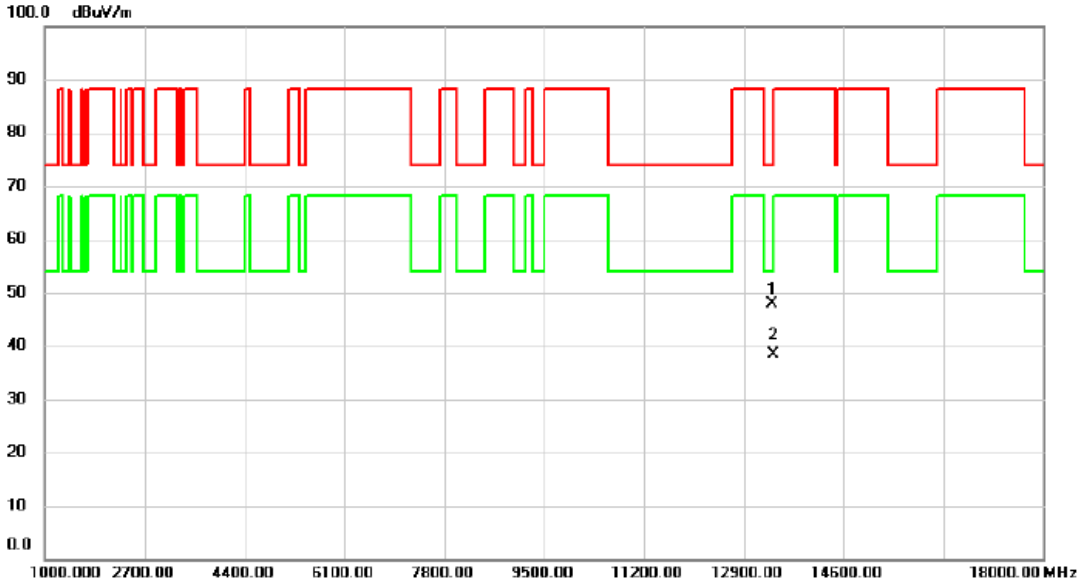
Test Mode	UNII-7_TX AX(HE80) Mode 6625 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13251.37	38.64	10.38	49.02	74.00	-24.98	peak	
2	*	13270.57	28.53	10.41	38.94	54.00	-15.06	AVG	

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

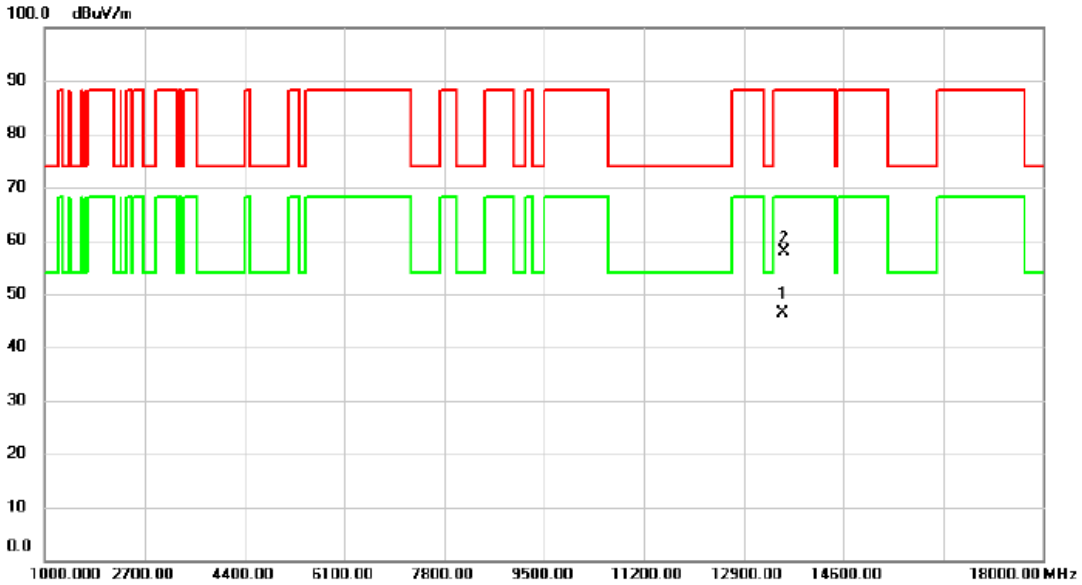
Test Mode	UNII-7_TX AX(HE80) Mode 6705 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13385.90	37.37	10.55	47.92	74.00	-26.08	peak	
2		13415.80	27.89	10.59	38.48	68.20	-29.72	AVG	

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

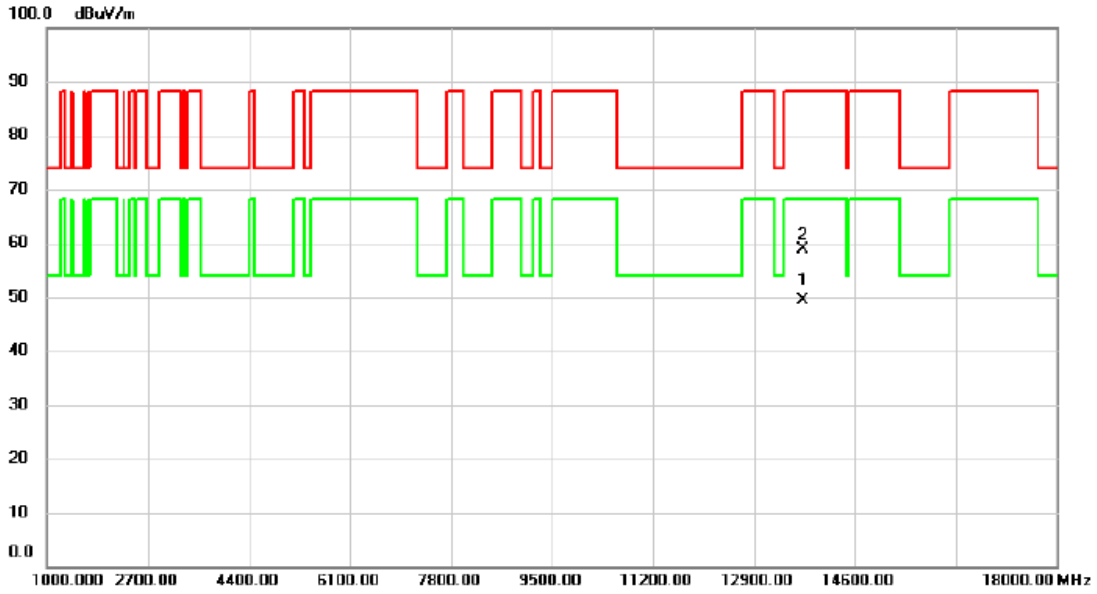
Test Mode	UNII-7_TX AX(HE80) Mode 6785 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13577.00	35.51	10.84	46.35	68.20	-21.85	AVG	
2		13584.55	47.02	10.86	57.88	88.20	-30.32	peak	

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

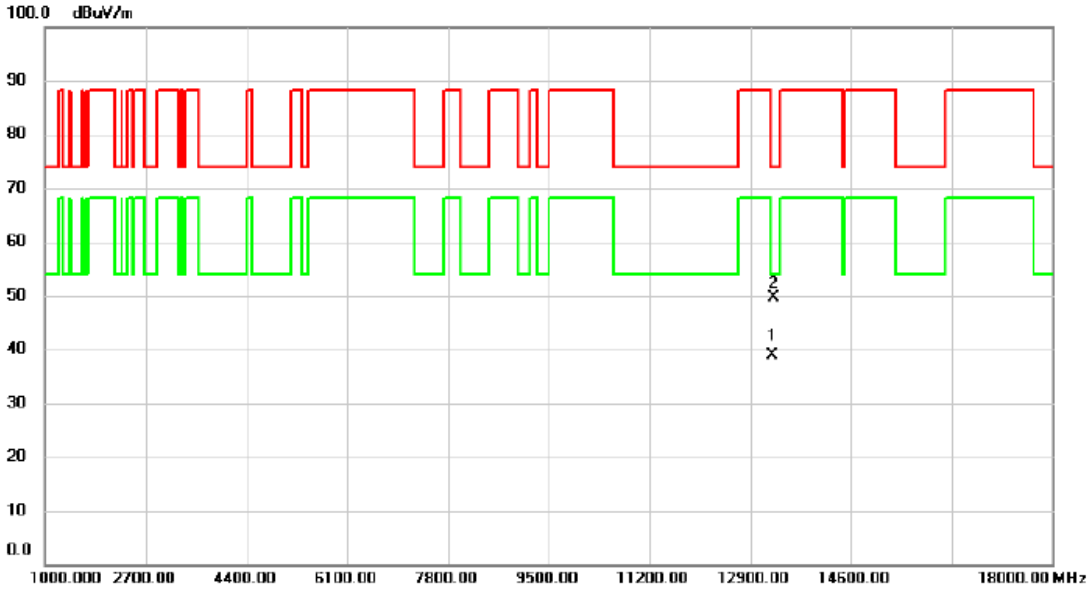
Test Mode	UNII-7_TX AX(HE80) Mode 6865 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13724.80	38.27	11.14	49.41	68.20	-18.79	AVG	
2		13732.25	47.68	11.16	58.84	88.20	-29.36	peak	

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

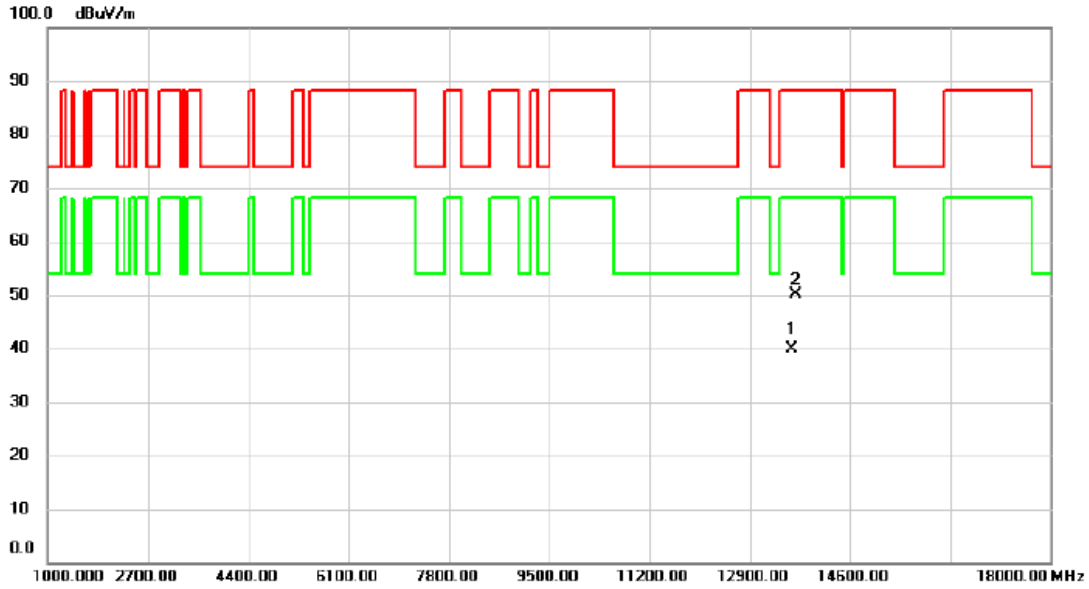
Test Mode	UNII-7_TX AX(HE160) Mode 6665 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13284.05	28.37	10.42	38.79	54.00	-15.21	AVG	
2		13298.85	39.23	10.44	49.67	74.00	-24.33	peak	

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

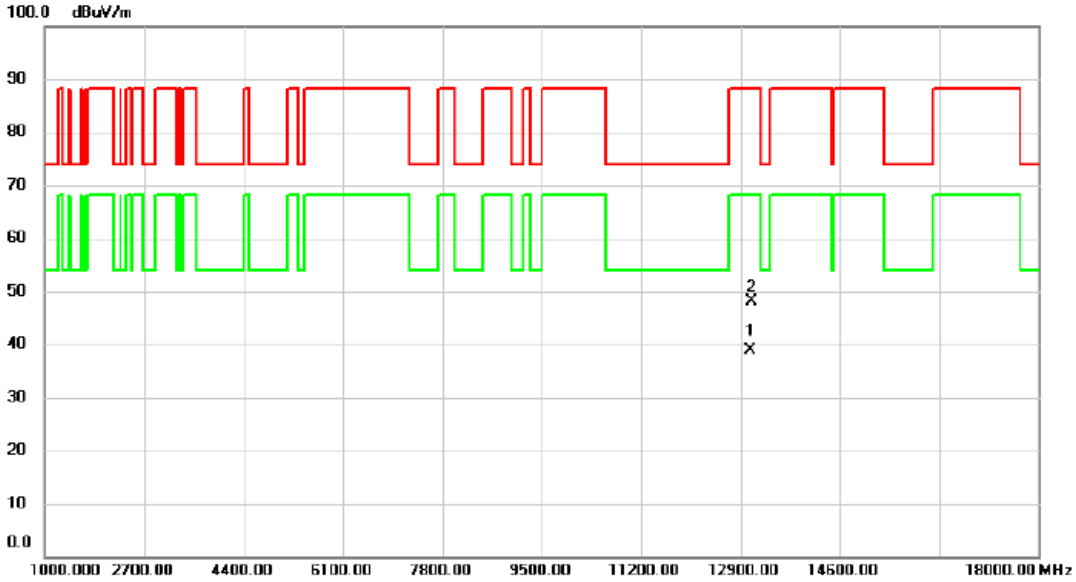
Test Mode	UNII-7_TX AX(HE160) Mode 6825 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13619.75	28.87	10.93	39.80	68.20	-28.40	AVG	
2		13691.80	39.03	11.07	50.10	88.20	-38.10	peak	

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

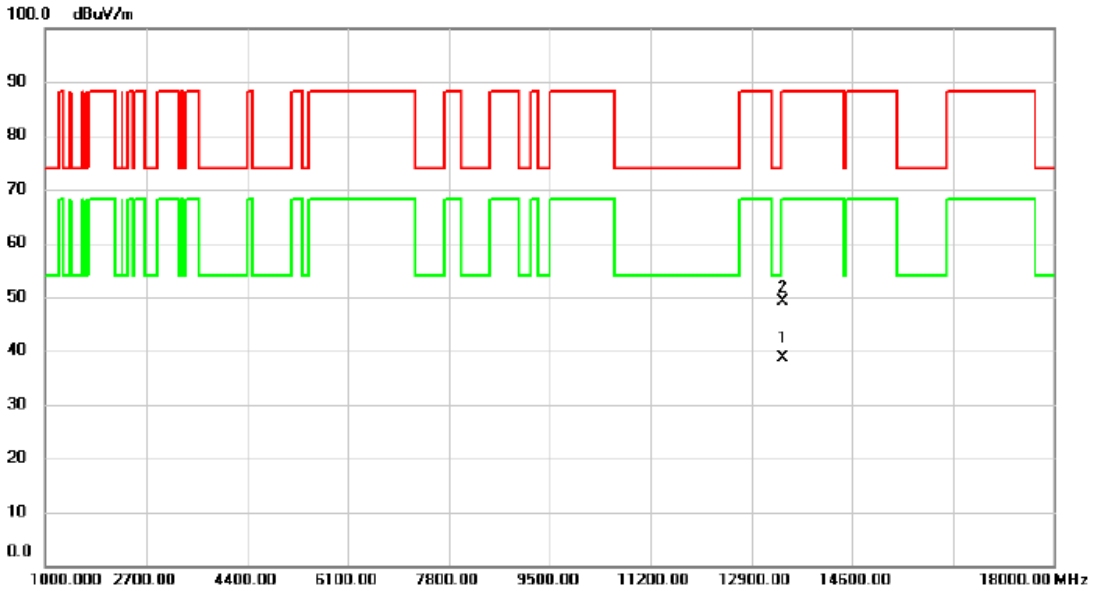
Test Mode	UNII-7_TX BE(EHT20) Mode 6535 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13069.87	28.82	10.16	38.98	68.20	-29.22	AVG	
2		13090.12	38.02	10.19	48.21	88.20	-39.99	peak	

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

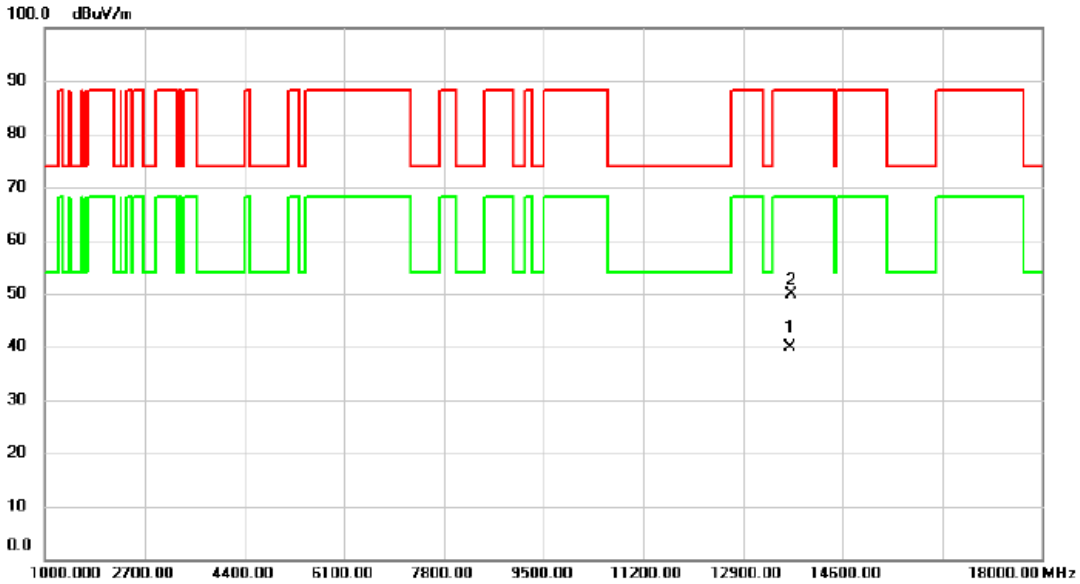
Test Mode	UNII-7_TX BE(EHT20) Mode 6715 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13429.70	28.14	10.61	38.75	68.20	-29.45	AVG	
2		13440.90	38.52	10.62	49.14	88.20	-39.06	peak	

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

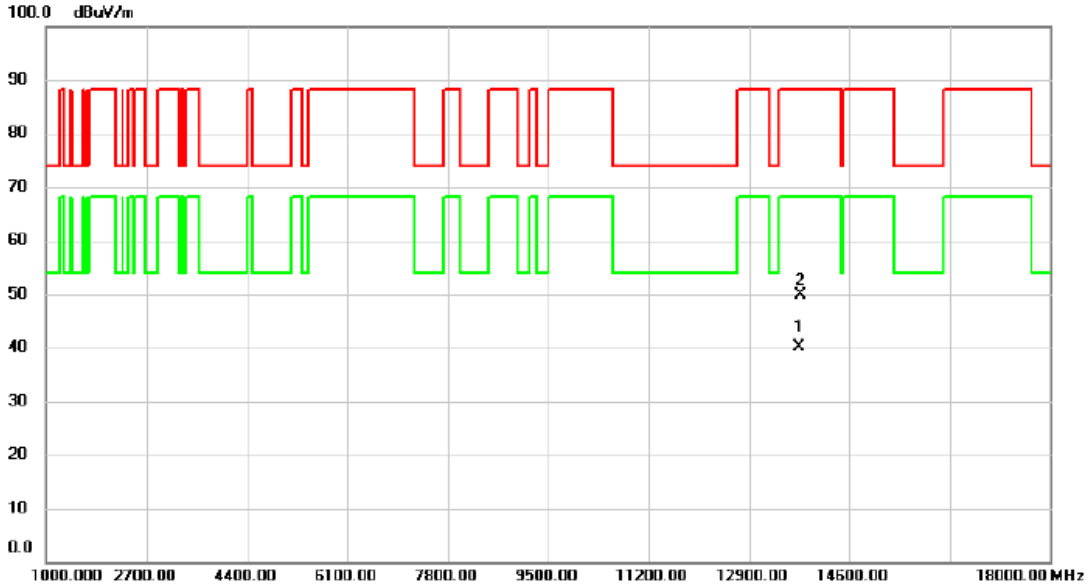
Test Mode	UNII-7_TX BE(EHT20) Mode 6855 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13706.47	28.89	11.10	39.99	68.20	-28.21	AVG	
2		13729.57	38.82	11.15	49.97	88.20	-38.23	peak	

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

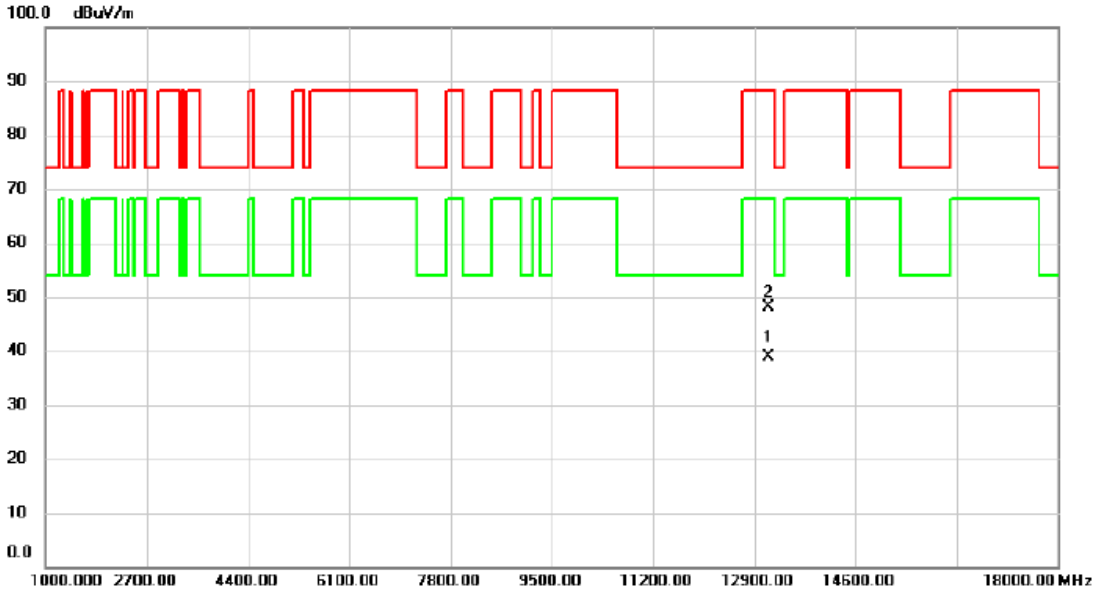
Test Mode	UNII-7_TX BE(EHT20) Mode 6875 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13748.75	28.87	11.19	40.06	68.20	-28.14	AVG	
2		13767.00	38.75	11.22	49.97	88.20	-38.23	peak	

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

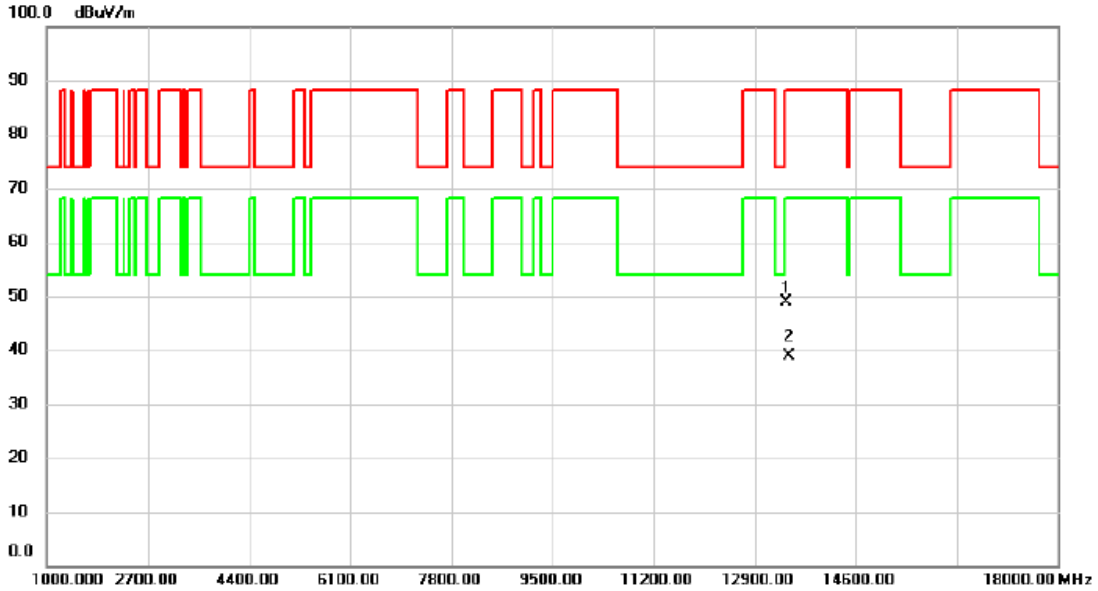
Test Mode	UNII-7_TX BE(EHT40) Mode 6565 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13129.95	28.69	10.23	38.92	68.20	-29.28	AVG	
2		13131.32	37.91	10.23	48.14	88.20	-40.06	peak	

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

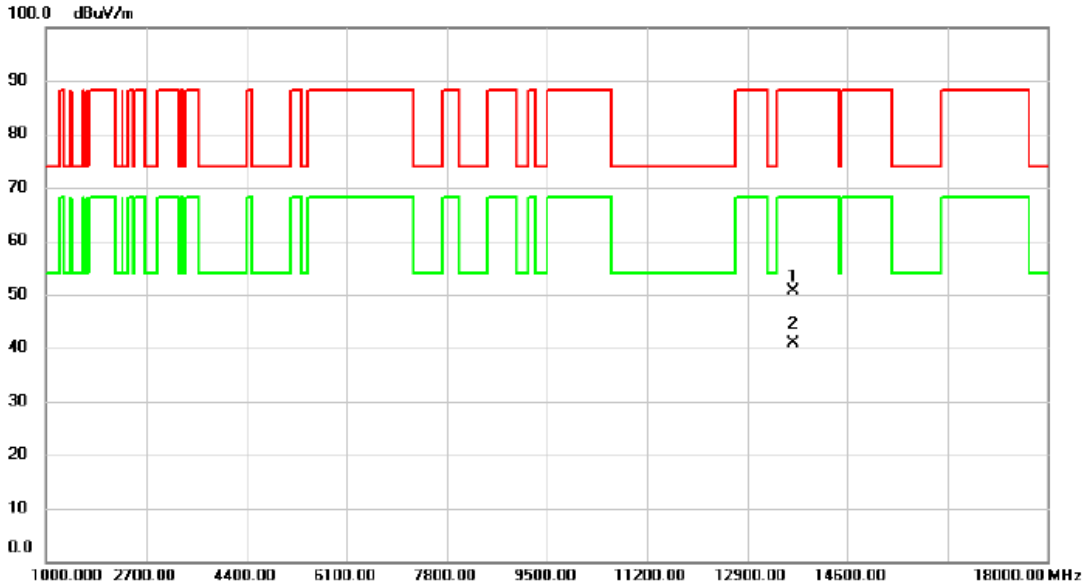
Test Mode	UNII-7_TX BE(EHT40) Mode 6725 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13443.87	38.24	10.63	48.87	88.20	-39.33	peak	
2	*	13471.85	28.16	10.65	38.81	68.20	-29.39	AVG	

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

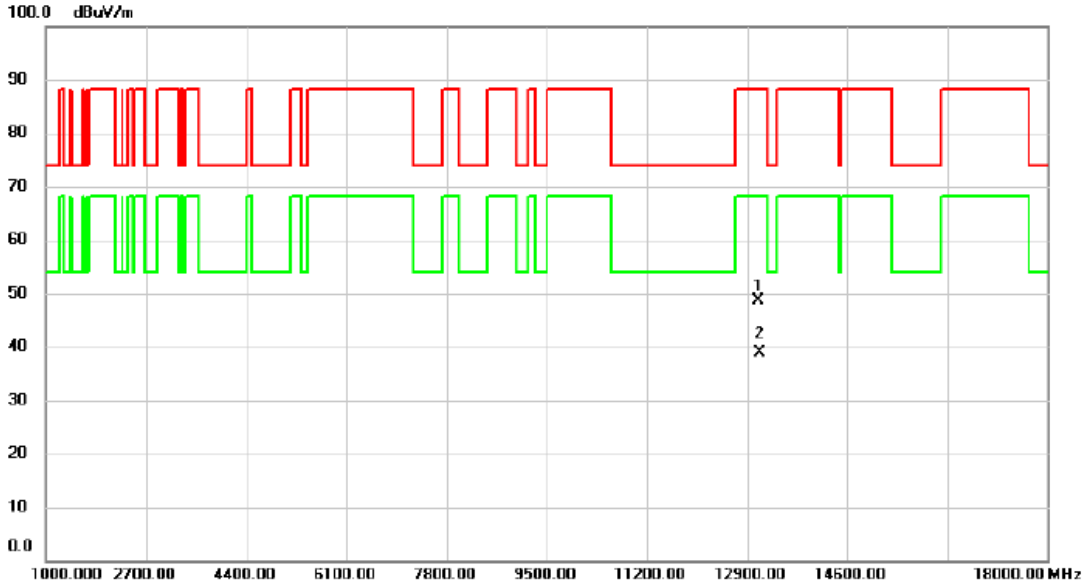
Test Mode	UNII-7_TX BE(EHT40) Mode 6845 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13674.25	39.64	11.04	50.68	88.20	-37.52	peak	
2	*	13685.52	29.78	11.07	40.85	68.20	-27.35	AVG	

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

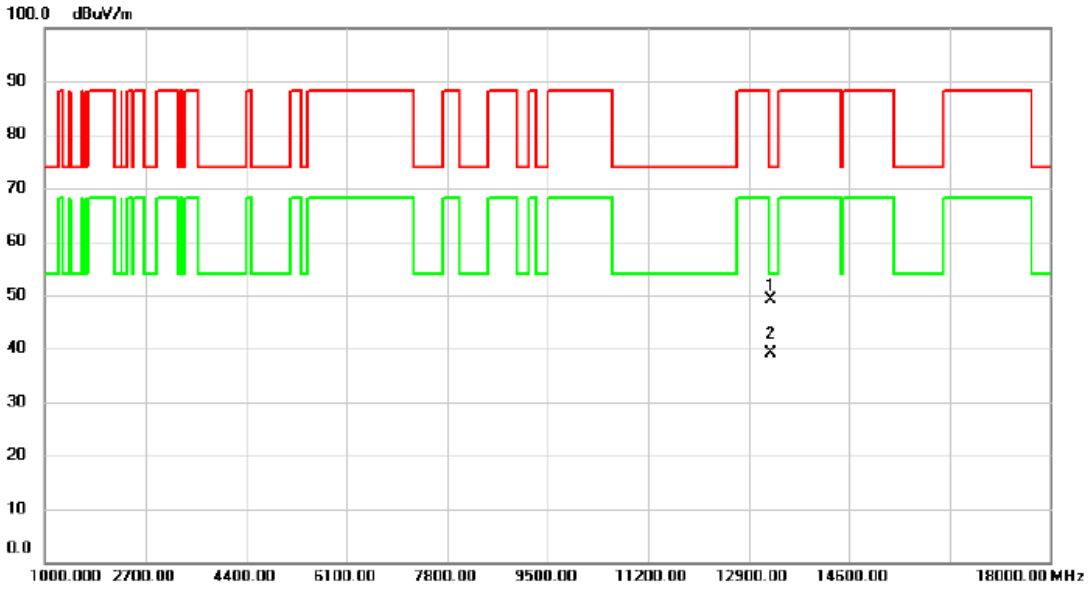
Test Mode	UNII-7_TX BE(EHT80) Mode 6546 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13101.05	38.54	10.20	48.74	88.20	-39.46	peak	
2	*	13122.10	28.62	10.23	38.85	68.20	-29.35	AVG	

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

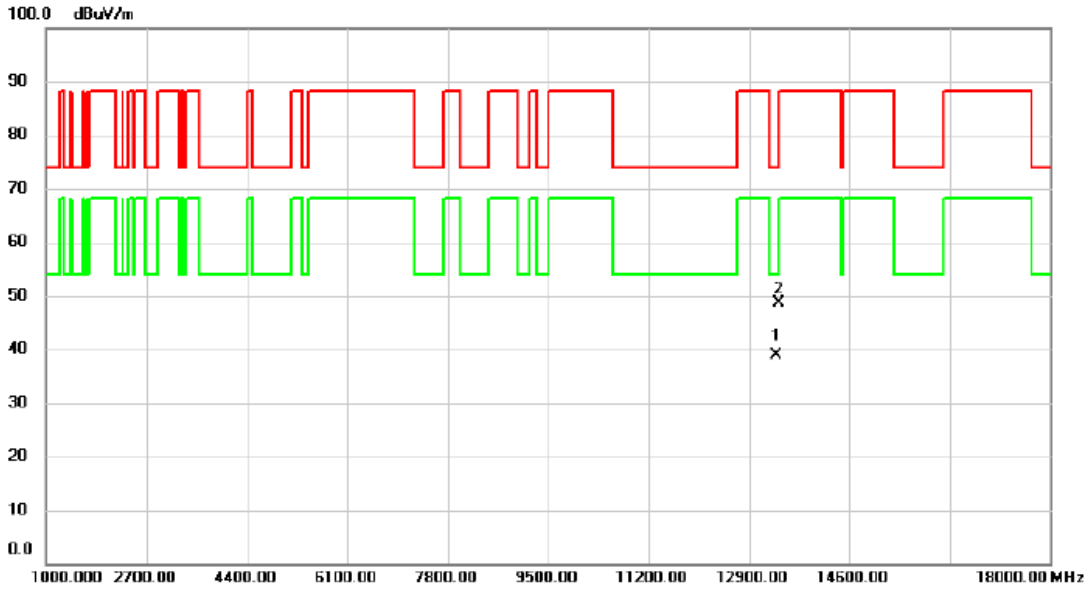
Test Mode	UNII-7_TX BE(EHT80) Mode 6625 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13265.85	38.74	10.40	49.14	74.00	-24.86	peak	
2	*	13273.15	28.61	10.42	39.03	54.00	-14.97	AVG	

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

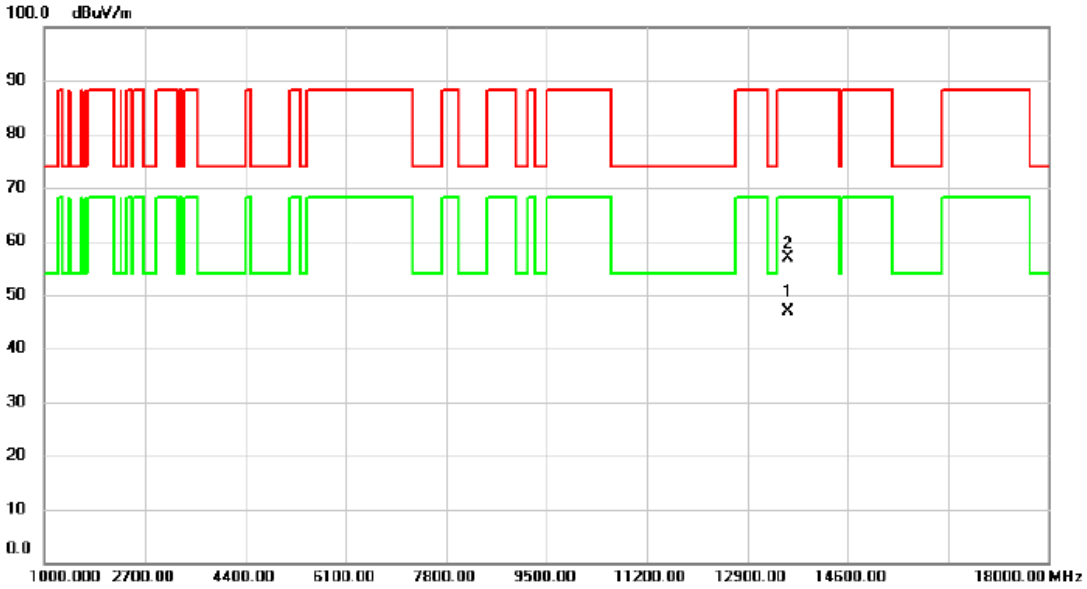
Test Mode	UNII-7_TX BE(EHT80) Mode 6705 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13361.50	28.25	10.52	38.77	54.00	-15.23	AVG	
2		13410.90	38.12	10.58	48.70	88.20	-39.50	peak	

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

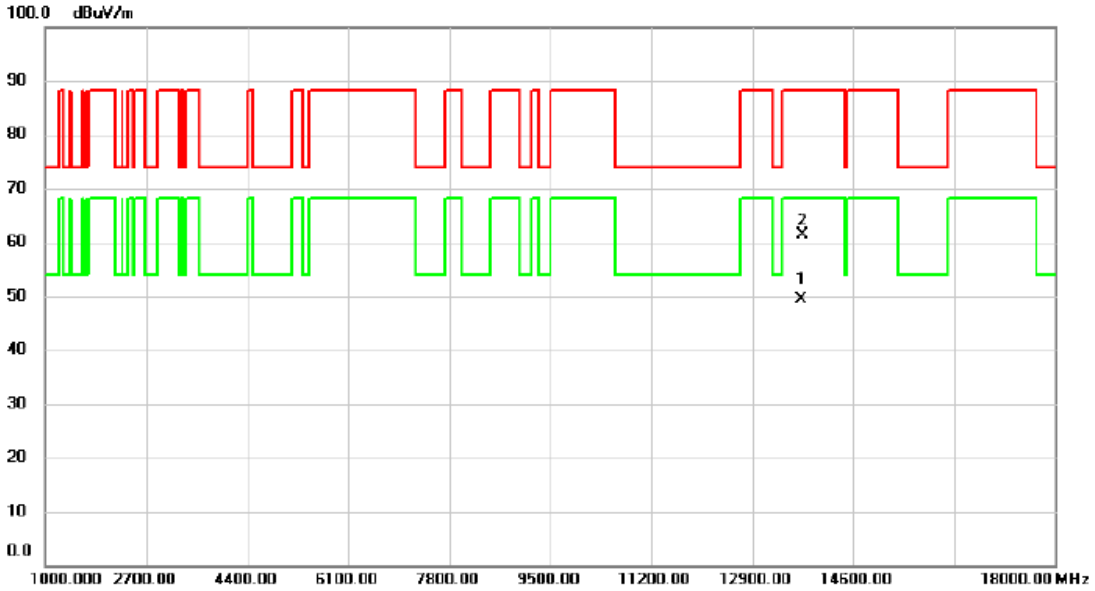
Test Mode	UNII-7_TX BE(EHT80) Mode 6785 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13584.55	35.90	10.86	46.76	68.20	-21.44	AVG	
2		13584.80	46.03	10.86	56.89	88.20	-31.31	peak	

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

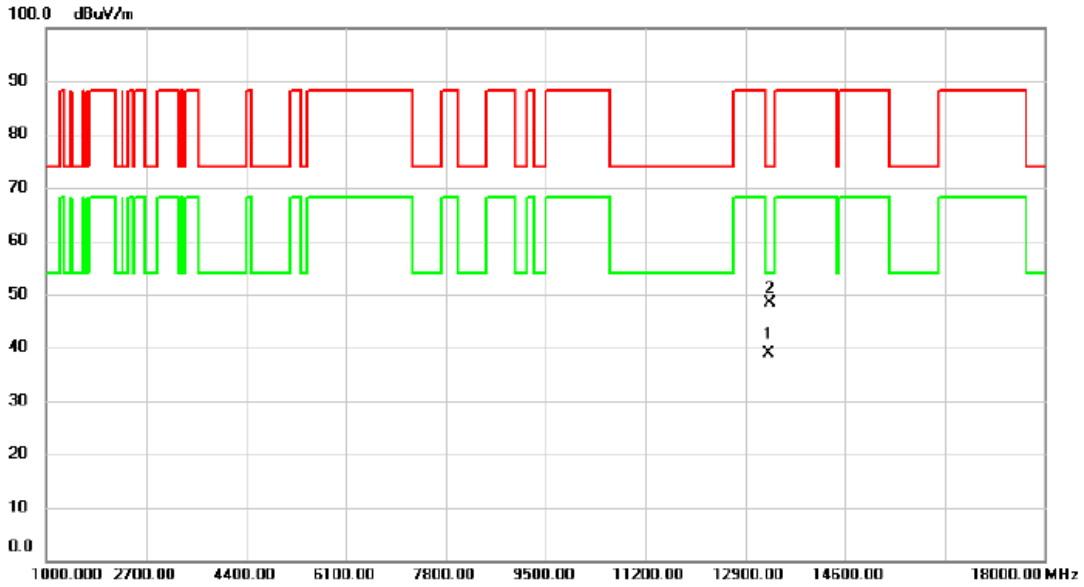
Test Mode	UNII-7_TX BE(EHT80) Mode 6865 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13727.15	38.24	11.14	49.38	68.20	-18.82	AVG	
2		13745.30	50.29	11.18	61.47	88.20	-26.73	peak	

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

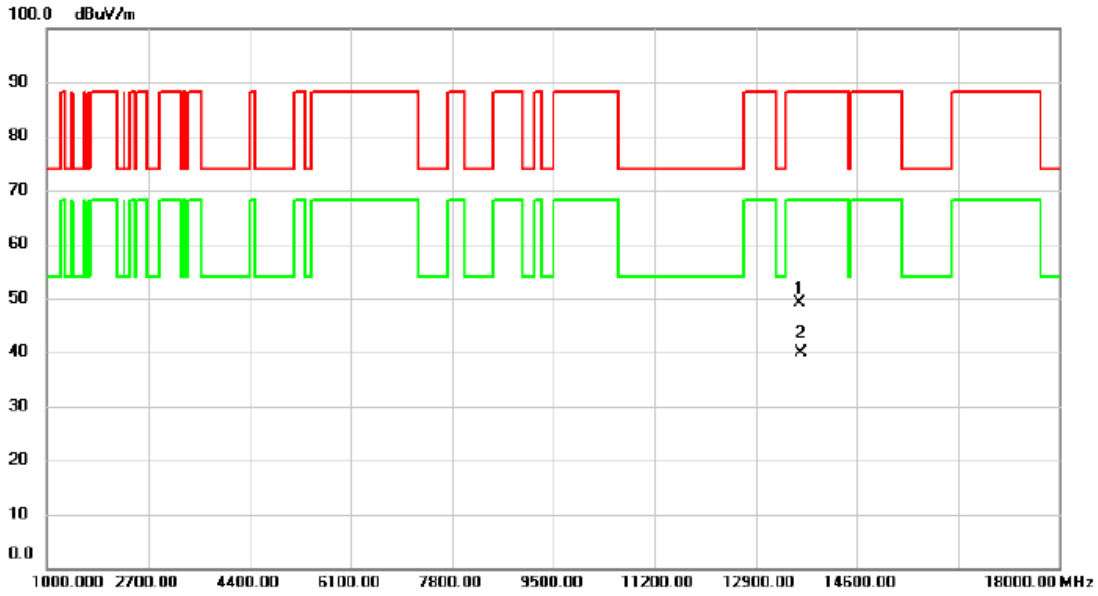
Test Mode	UNII-7_TX BE(EHT160) Mode 6665 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13293.45	28.46	10.44	38.90	54.00	-15.10	AVG	
2		13317.45	37.82	10.47	48.29	74.00	-25.71	peak	

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

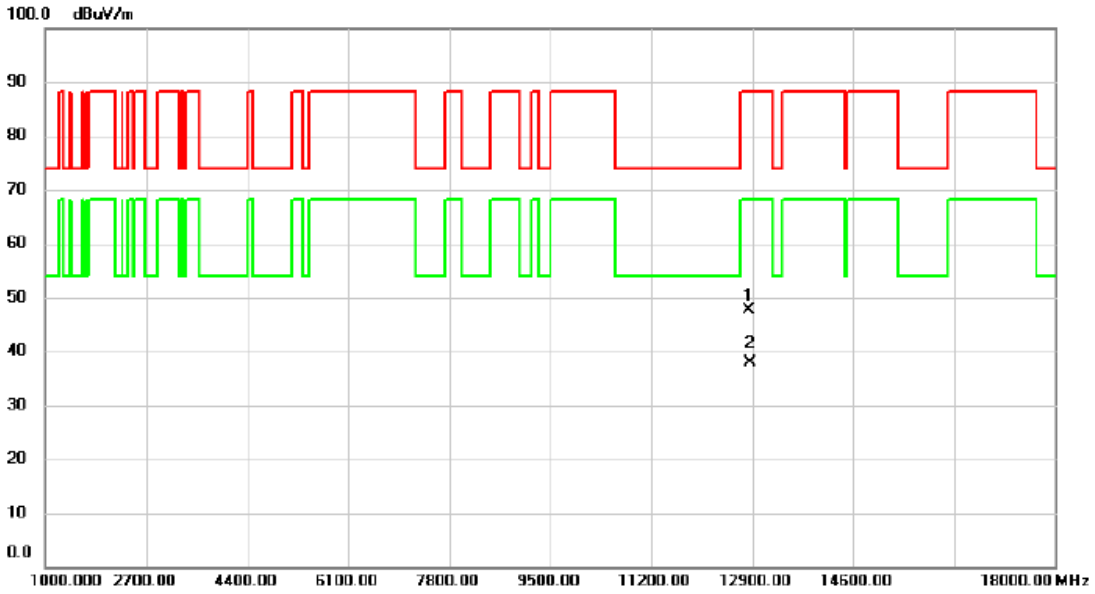
Test Mode	UNII-7_TX BE(EHT160) Mode 6825 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13638.30	38.25	10.97	49.22	88.20	-38.98	peak	
2	*	13664.80	28.89	11.01	39.90	68.20	-28.30	AVG	

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

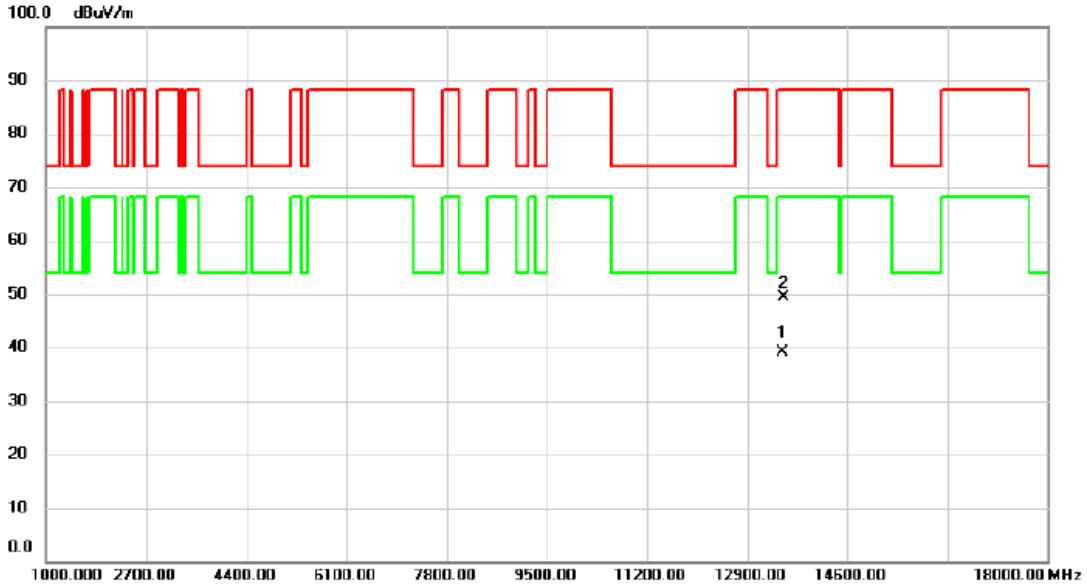
Test Mode	UNII-7_TX BE(EHT320) Mode 6585 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12835.10	37.83	9.89	47.72	88.20	-40.48	peak	
2	*	12869.85	27.86	9.94	37.80	68.20	-30.40	AVG	

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

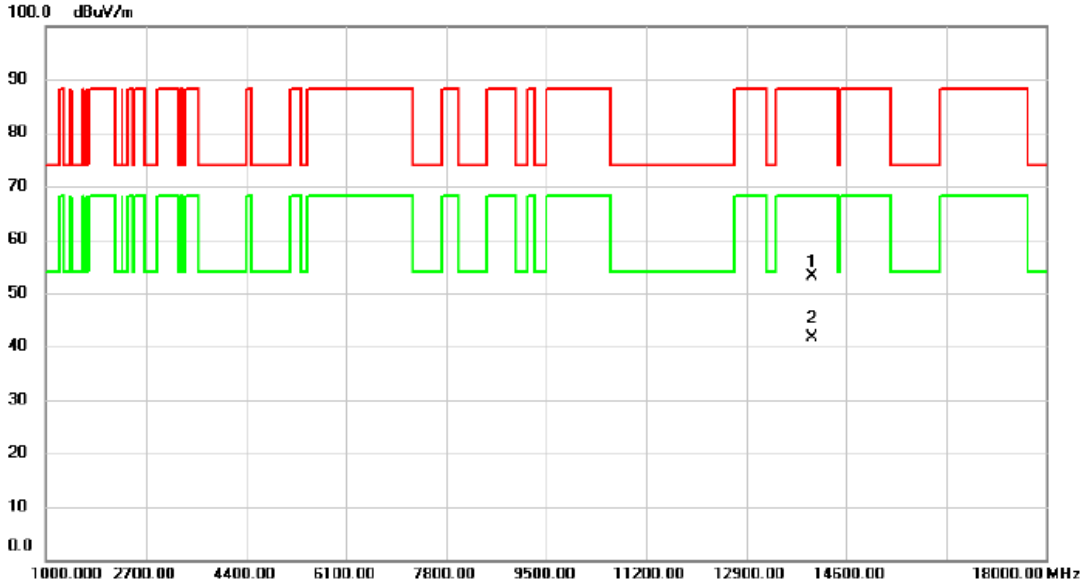
Test Mode	UNII-7_TX BE(EHT320) Mode 6745 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13489.60	28.34	10.68	39.02	68.20	-29.18	AVG	
2		13516.15	38.71	10.72	49.43	88.20	-38.77	peak	

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

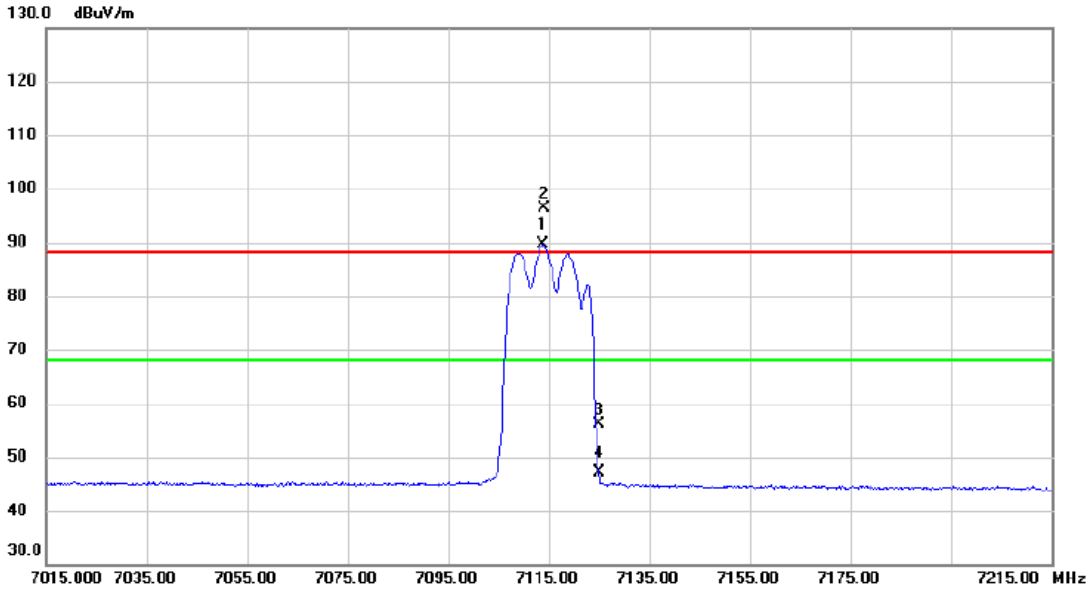
Test Mode	UNII-8_TX A Mode 7015 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		14030.00	41.36	11.65	53.01	88.20	-35.19	peak	
2	*	14030.67	30.09	11.66	41.75	68.20	-26.45	AVG	

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

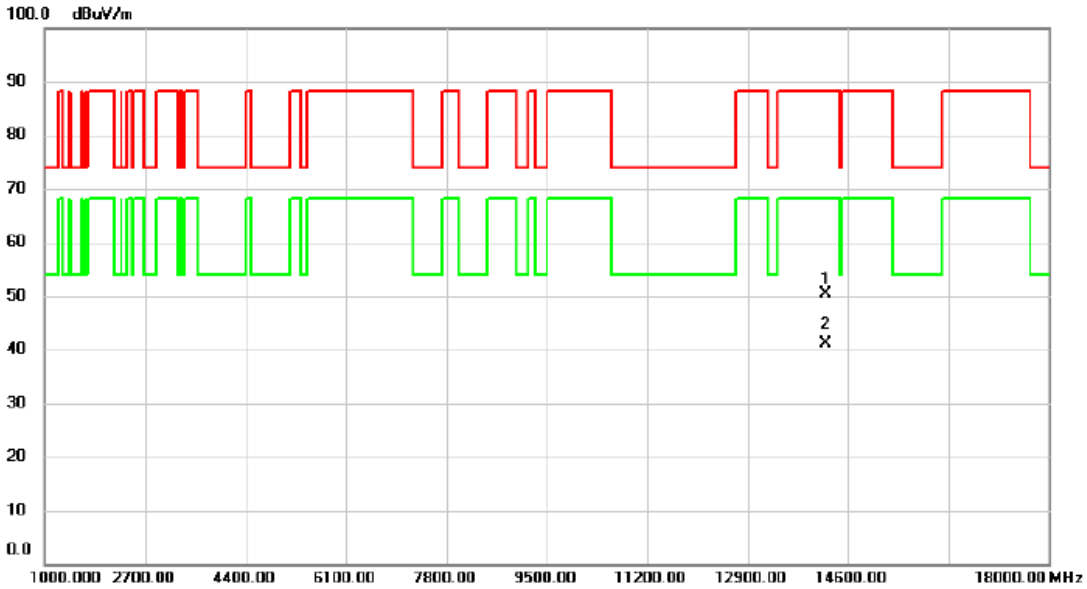
Test Mode	UNII-8_TX A Mode 7115 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	7113.900	71.28	18.29	89.57	68.20	21.37	AVG	No Limit
2	X	7114.100	78.19	18.29	96.48	88.20	8.28	peak	No Limit
3		7125.000	37.76	18.29	56.05	88.20	-32.15	peak	
4		7125.000	28.75	18.29	47.04	68.20	-21.16	AVG	

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

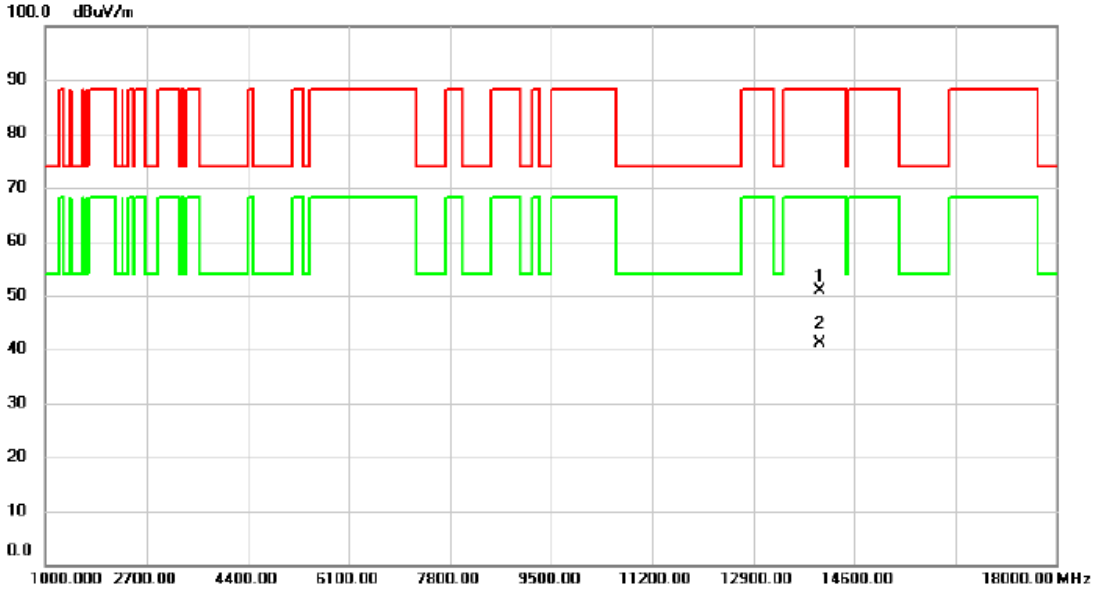
Test Mode	UNII-8_TX A Mode 7115 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		14230.22	39.04	11.40	50.44	88.20	-37.76	peak	
2	*	14232.17	29.82	11.40	41.22	68.20	-26.98	AVG	

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

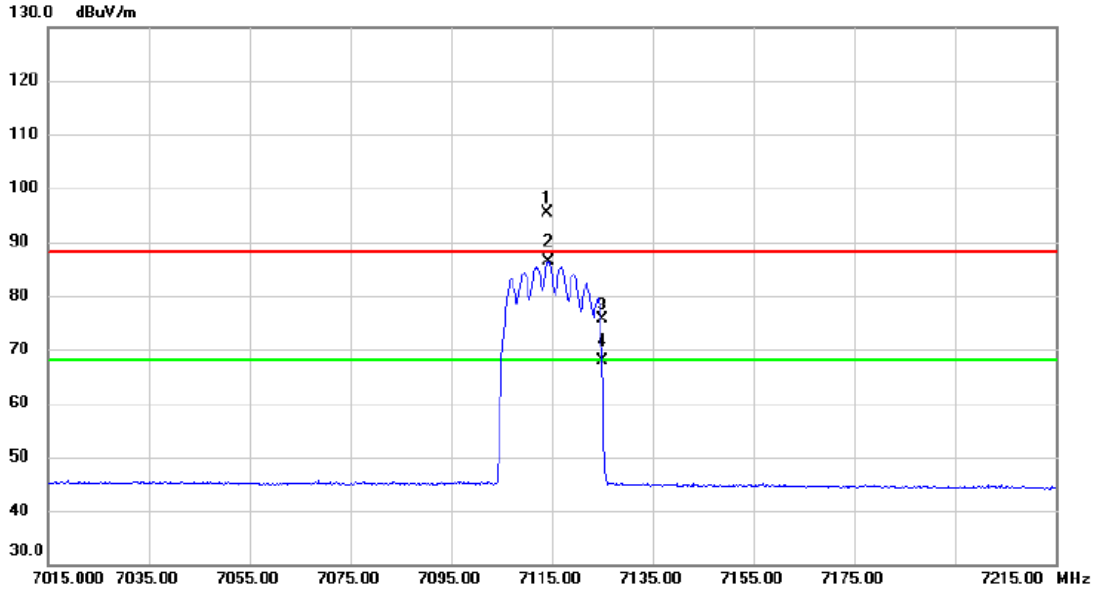
Test Mode	UNII-8_TX AX(HE20) Mode 7015 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		14027.60	39.14	11.65	50.79	88.20	-37.41	peak	
2	*	14030.30	29.52	11.66	41.18	68.20	-27.02	AVG	

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

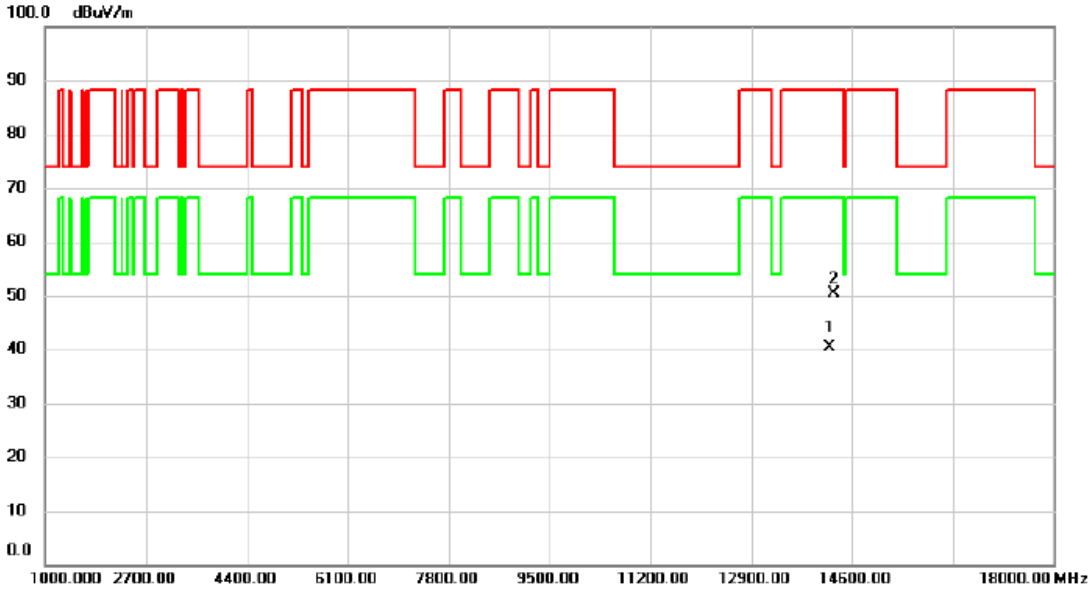
Test Mode	UNII-8_TX AX(HE20) Mode 7115 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	7114.100	77.06	18.29	95.35	88.20	7.15	peak	No Limit
2	*	7114.300	67.98	18.29	86.27	68.20	18.07	AVG	No Limit
3		7125.000	57.28	18.29	75.57	88.20	-12.63	peak	
4		7125.000	49.70	18.29	67.99	68.20	-0.21	AVG	

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

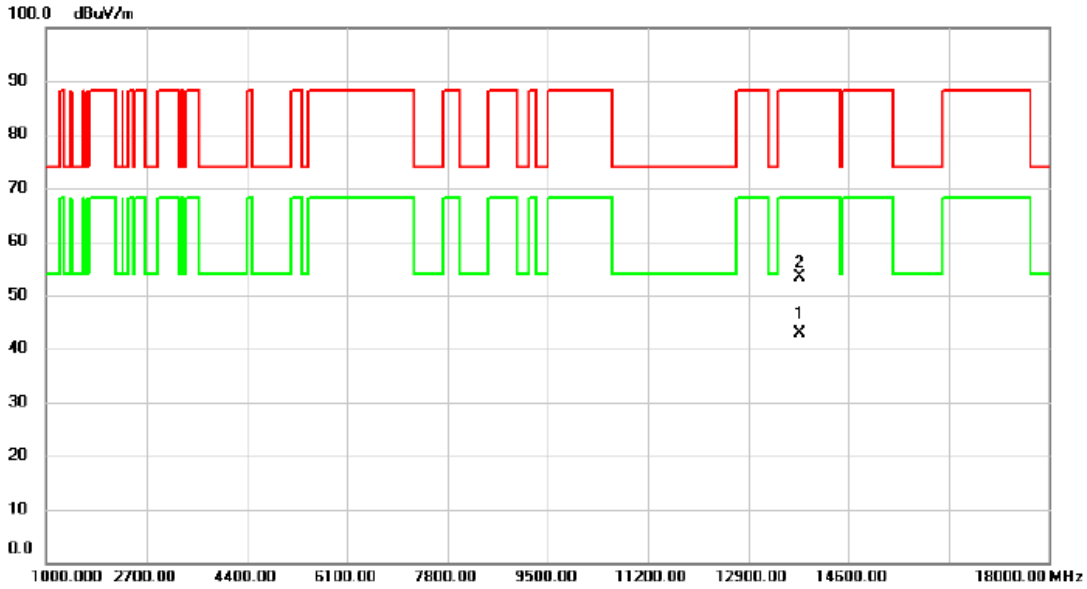
Test Mode	UNII-8_TX AX(HE20) Mode 7115 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14236.00	28.86	11.40	40.26	68.20	-27.94	AVG	
2		14293.60	39.00	11.33	50.33	88.20	-37.87	peak	

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

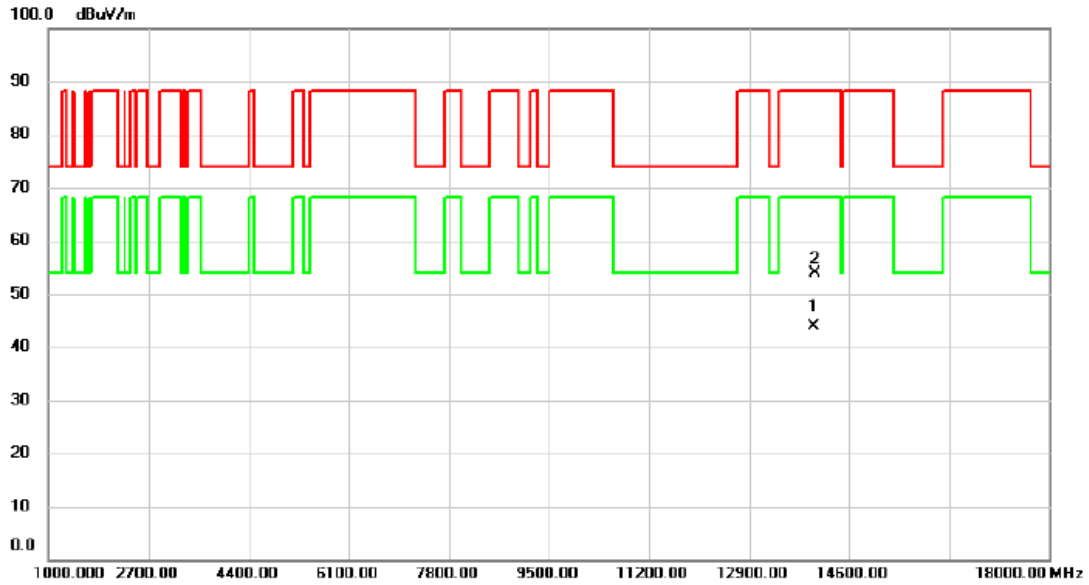
Test Mode	UNII-8_TX AX(HE40) Mode 6885 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13765.87	31.58	11.22	42.80	68.20	-25.40	AVG	
2		13772.97	42.05	11.24	53.29	88.20	-34.91	peak	

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

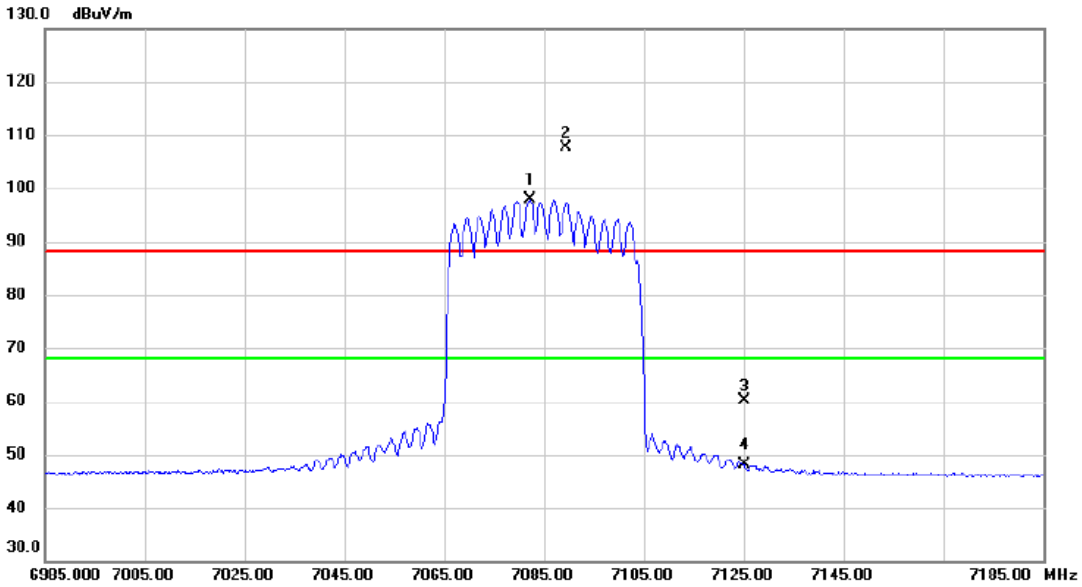
Test Mode	UNII-8_TX AX(HE40) Mode 7005 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14009.25	32.31	11.67	43.98	68.20	-24.22	AVG	
2		14017.32	42.17	11.67	53.84	88.20	-34.36	peak	

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

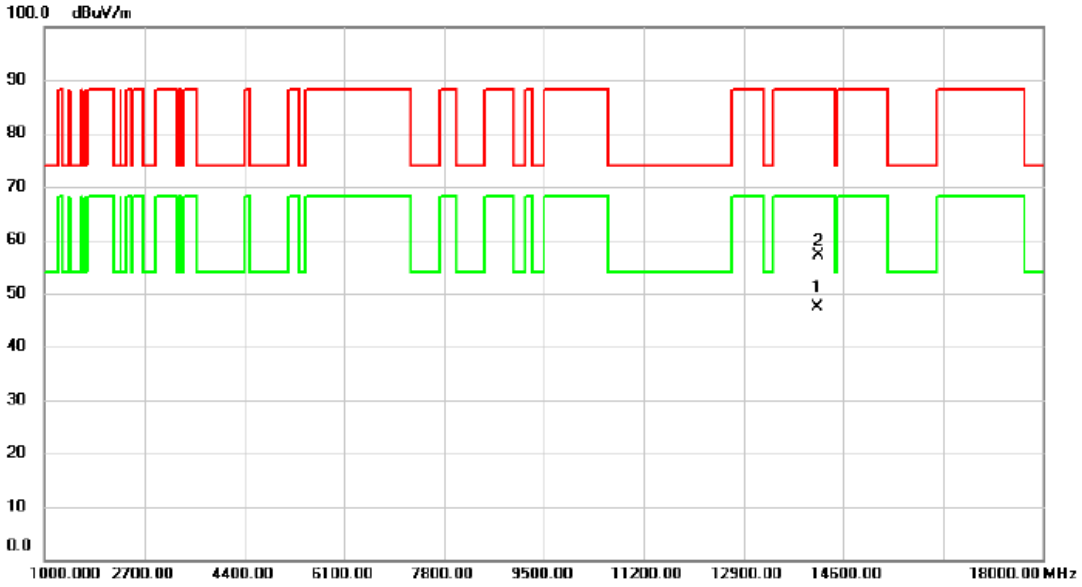
Test Mode	UNII-8_TX AX(HE40) Mode 7085 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	7082.100	79.62	18.28	97.90	68.20	29.70	AVG	No Limit
2	X	7089.500	89.33	18.30	107.63	88.20	19.43	peak	No Limit
3		7125.000	41.90	18.29	60.19	88.20	-28.01	peak	
4		7125.000	29.85	18.29	48.14	68.20	-20.06	AVG	

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

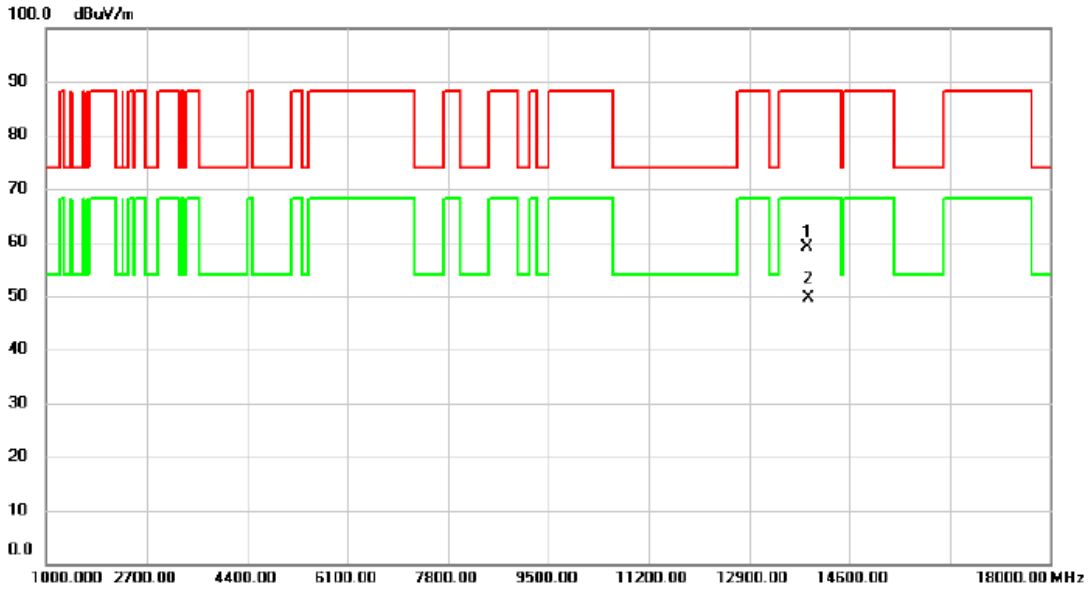
Test Mode	UNII-8_TX AX(HE40) Mode 7085 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14167.50	35.97	11.47	47.44	68.20	-20.76	AVG	
2		14169.75	45.63	11.47	57.10	88.20	-31.10	peak	

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

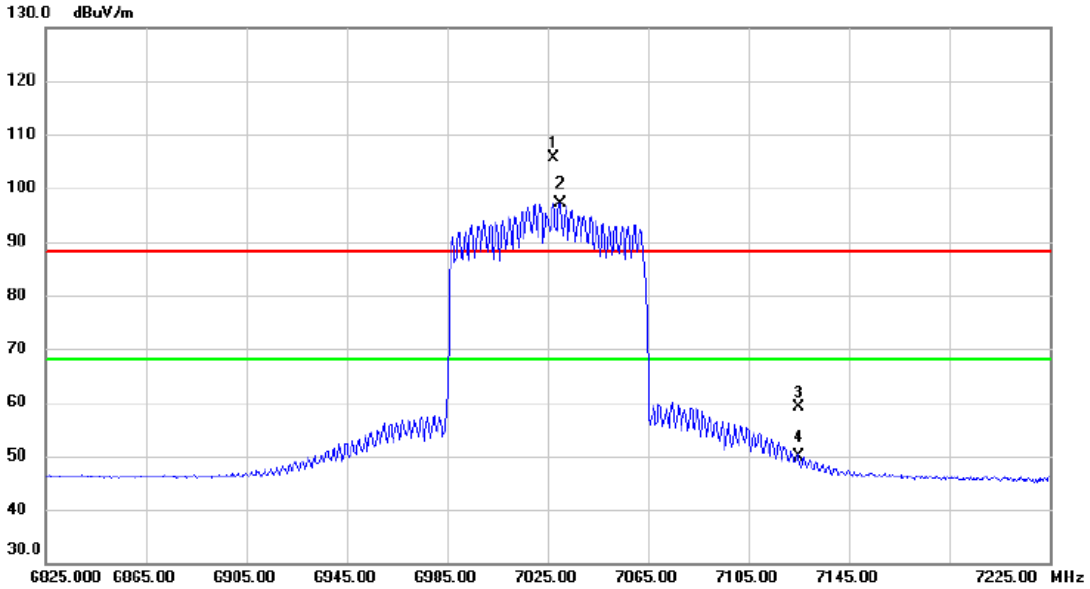
Test Mode	UNII-8_TX AX(HE80) Mode 6945 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13877.60	47.77	11.45	59.22	88.20	-28.98	peak	
2	*	13910.15	38.03	11.51	49.54	68.20	-18.66	AVG	

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

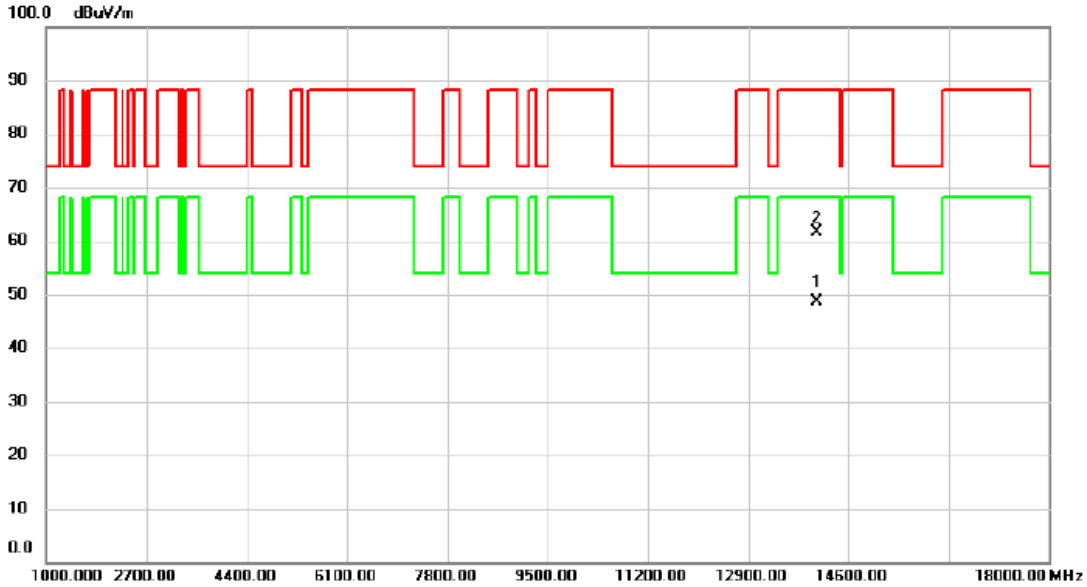
Test Mode	UNII-8_TX AX(HE80) Mode 7025 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	7027.400	87.26	18.28	105.54	88.20	17.34	peak	No Limit
2	*	7030.000	78.86	18.29	97.15	68.20	28.95	AVG	No Limit
3		7125.000	40.94	18.29	59.23	88.20	-28.97	peak	
4		7125.000	31.63	18.29	49.92	68.20	-18.28	AVG	

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

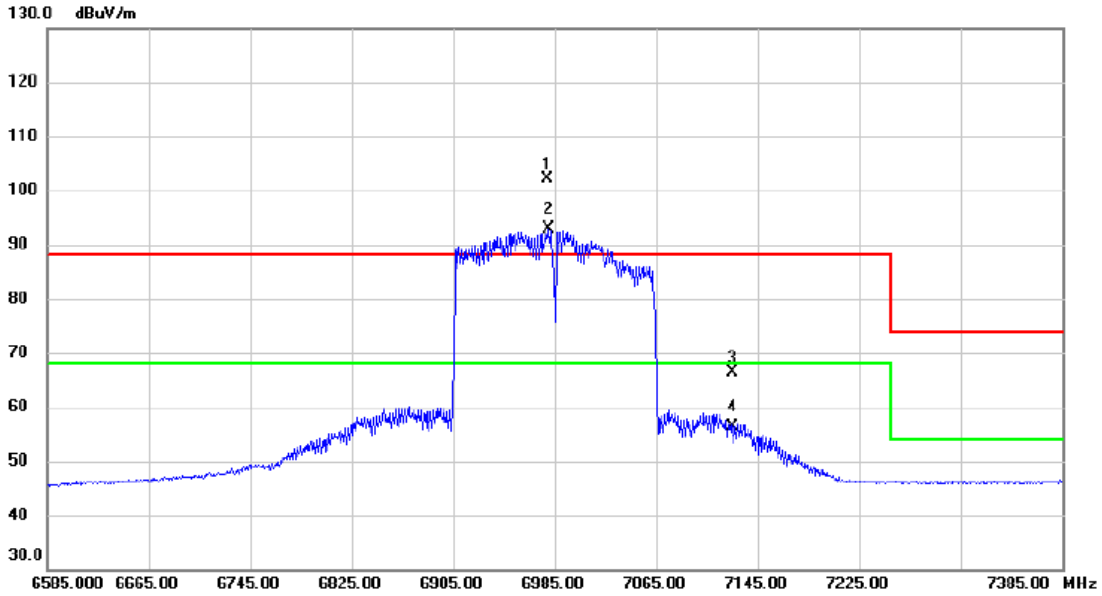
Test Mode	UNII-8_TX AX(HE80) Mode 7025 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14058.00	36.89	11.62	48.51	68.20	-19.69	AVG	
2		14062.85	50.08	11.61	61.69	88.20	-26.51	peak	

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

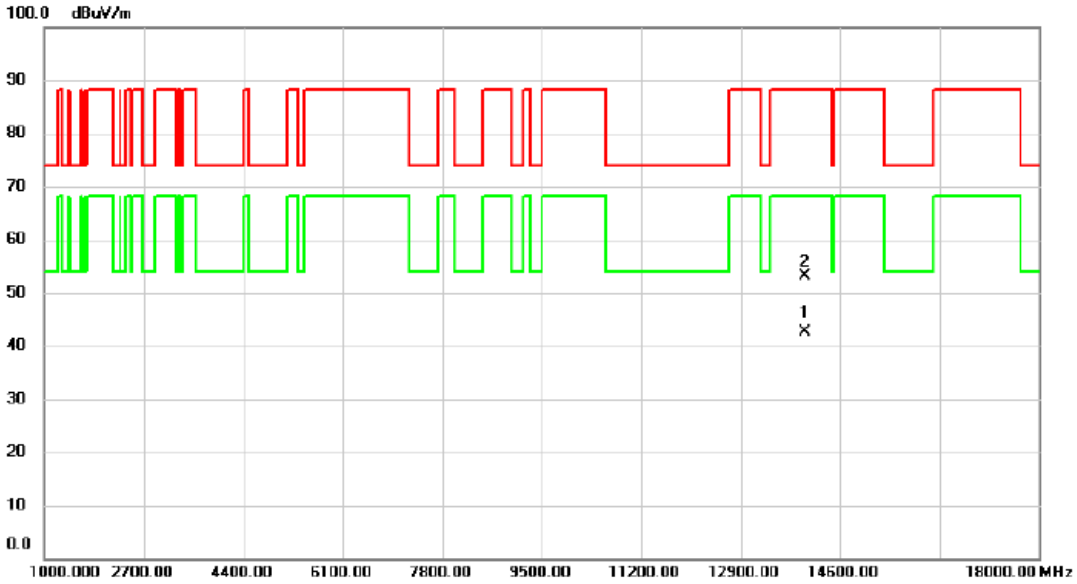
Test Mode	UNII-8_TX AX(HE160) Mode 6985 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	6979.400	83.95	18.22	102.17	88.20	13.97	peak	No Limit
2	*	6979.800	74.66	18.22	92.88	68.20	24.68	AVG	No Limit
3		7125.000	48.18	18.29	66.47	88.20	-21.73	peak	
4		7125.000	38.14	18.29	56.43	68.20	-11.77	AVG	

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

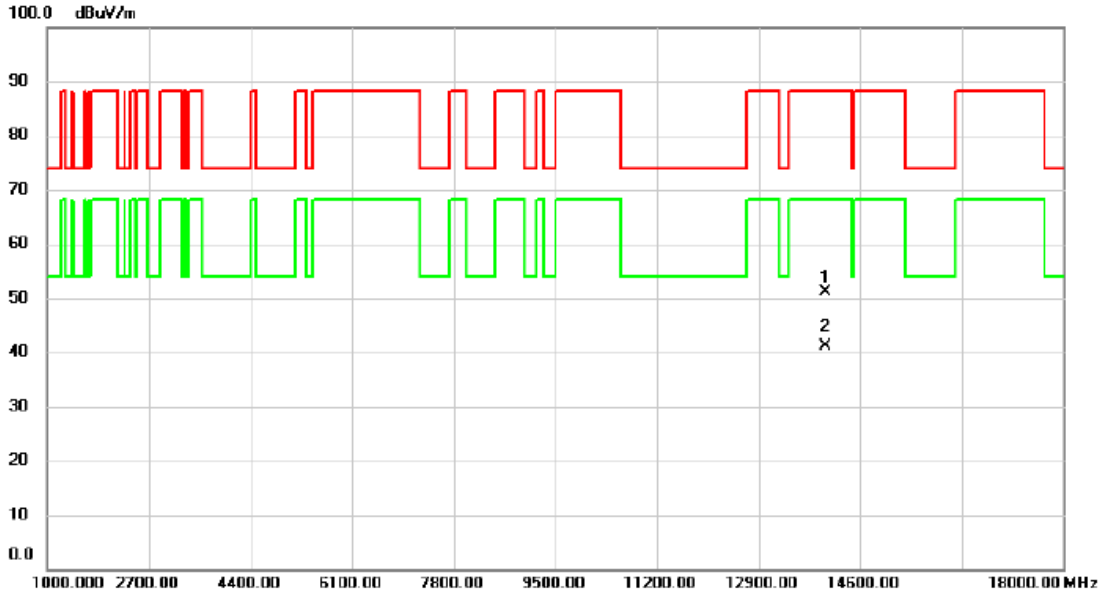
Test Mode	UNII-8_TX AX(HE160) Mode 6985 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13988.60	30.90	11.67	42.57	68.20	-25.63	AVG	
2		13988.65	41.45	11.67	53.12	88.20	-35.08	peak	

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

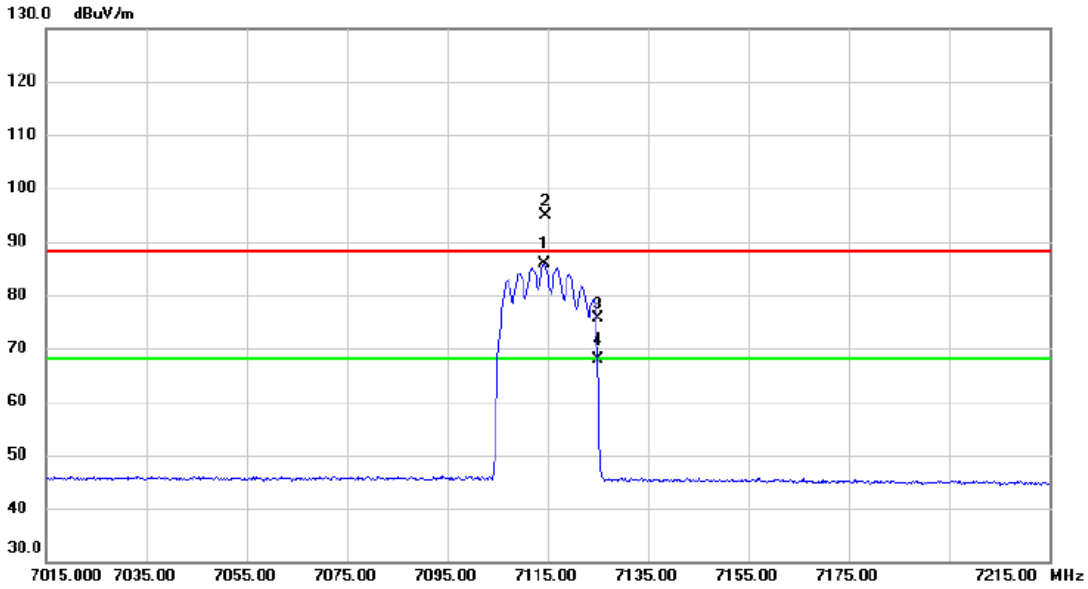
Test Mode	UNII-8_TX BE(EHT20) Mode 7015 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		14024.70	39.60	11.65	51.25	88.20	-36.95	peak	
2	*	14027.77	29.54	11.65	41.19	68.20	-27.01	AVG	

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

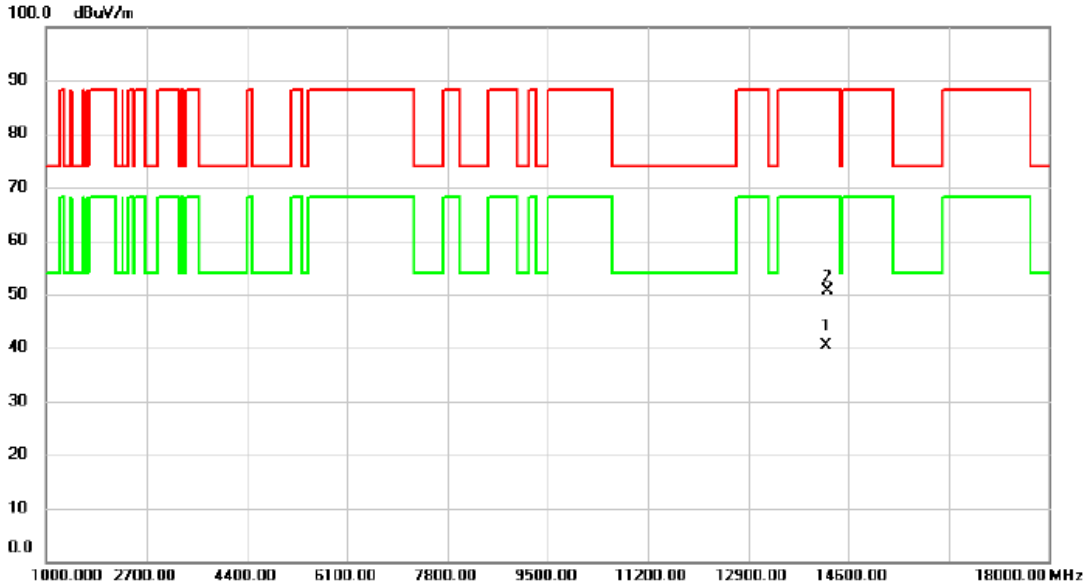
Test Mode	UNII-8_TX BE(EHT20) Mode 7115 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	7114.300	67.65	18.29	85.94	68.20	17.74	AVG	No Limit
2	X	7114.500	76.67	18.29	94.96	88.20	6.76	peak	No Limit
3		7125.000	57.35	18.29	75.64	88.20	-12.56	peak	
4		7125.000	49.55	18.29	67.84	68.20	-0.36	AVG	

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

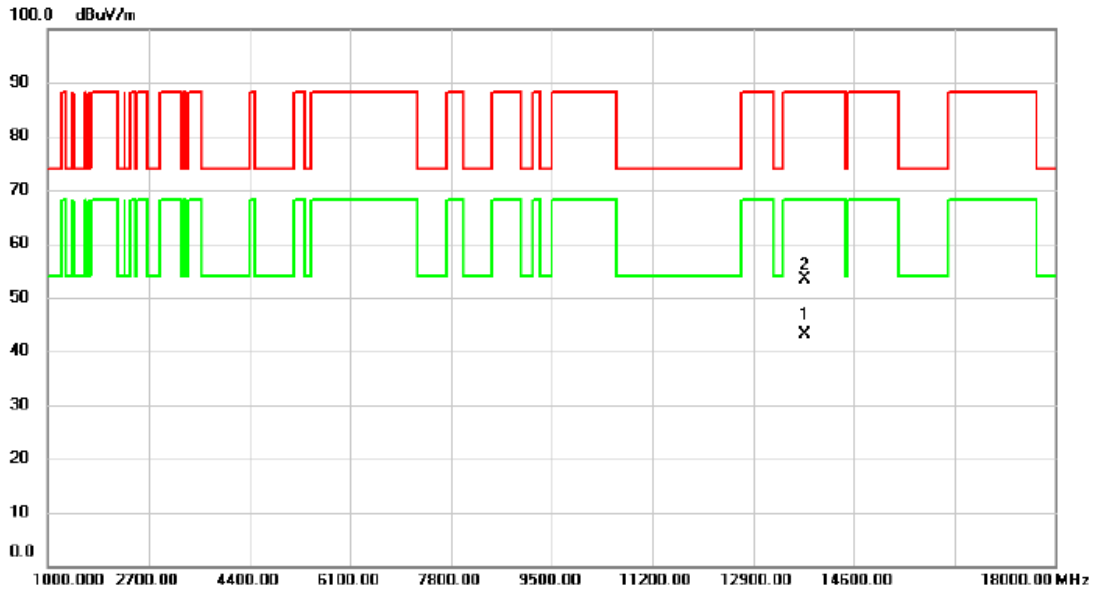
Test Mode	UNII-8_TX BE(EHT20) Mode 7115 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14228.10	29.00	11.40	40.40	68.20	-27.80	AVG	
2		14239.52	39.13	11.39	50.52	88.20	-37.68	peak	

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

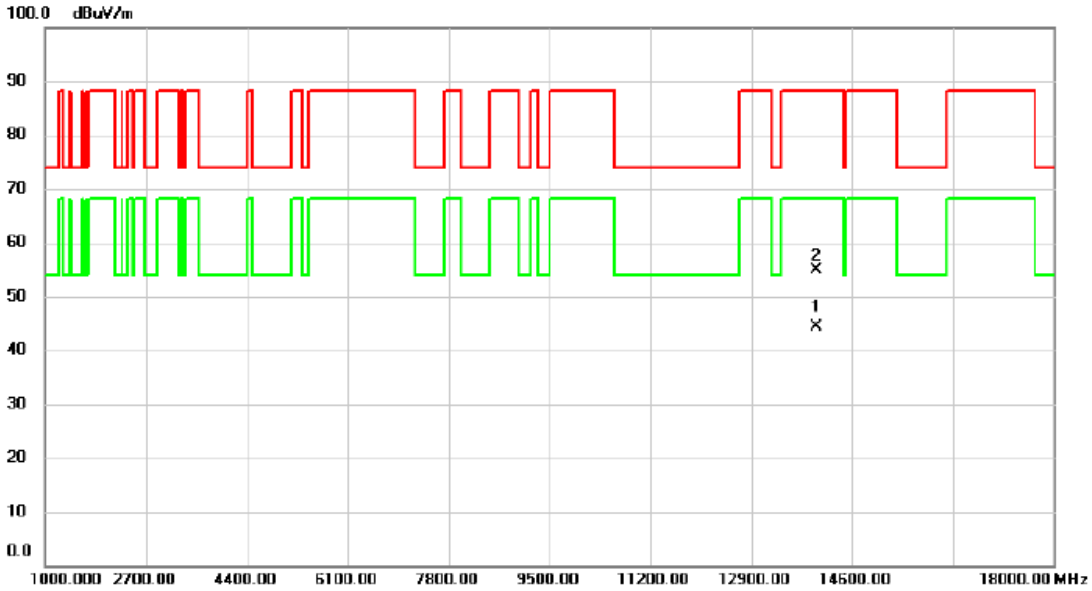
Test Mode	UNII-8_TX BE(EHT40) Mode 6885 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13768.37	31.85	11.22	43.07	68.20	-25.13	AVG	
2		13771.22	42.10	11.23	53.33	88.20	-34.87	peak	

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

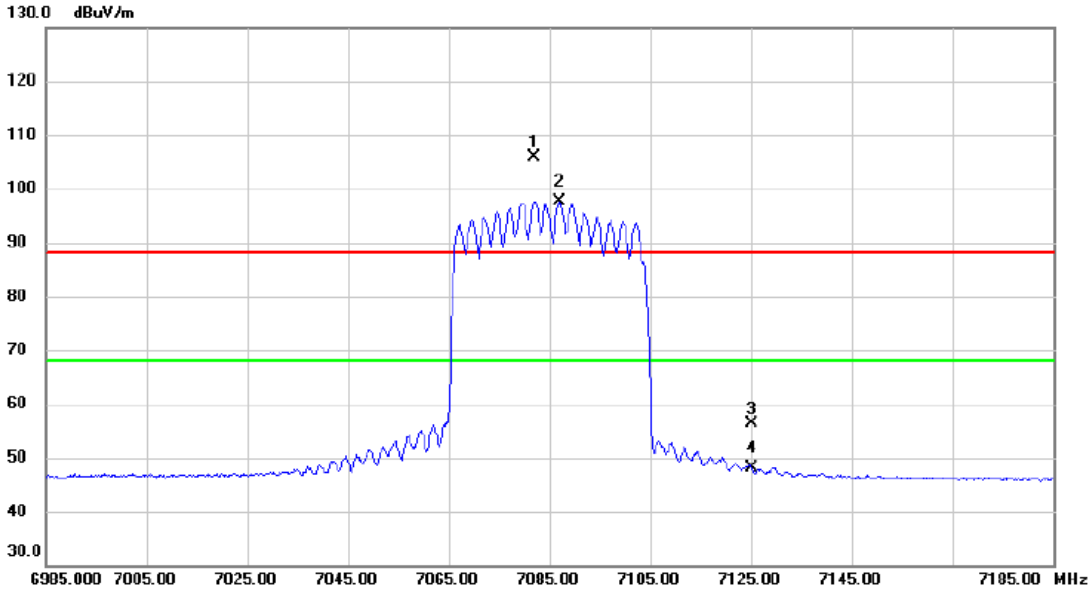
Test Mode	UNII-8_TX BE(EHT40) Mode 7005 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14006.67	32.76	11.68	44.44	68.20	-23.76	AVG	
2		14009.92	43.23	11.67	54.90	88.20	-33.30	peak	

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

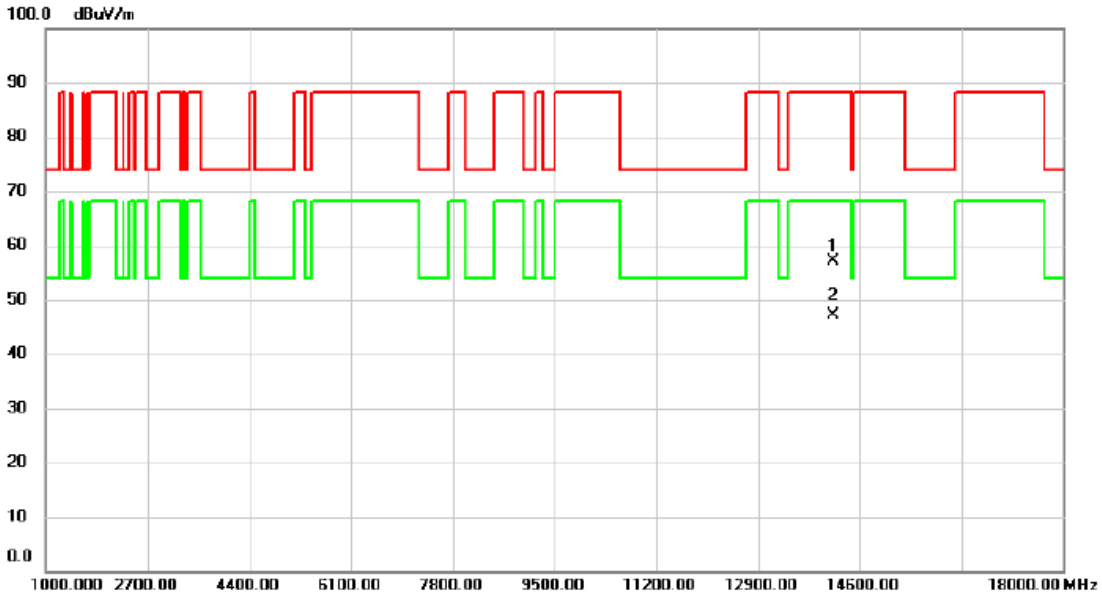
Test Mode	UNII-8_TX BE(EHT40) Mode 7085 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	7081.900	87.56	18.28	105.84	88.20	17.64	peak	No Limit
2	*	7087.100	79.40	18.29	97.69	68.20	29.49	AVG	No Limit
3		7125.000	38.13	18.29	56.42	88.20	-31.78	peak	
4		7125.000	29.93	18.29	48.22	68.20	-19.98	AVG	

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

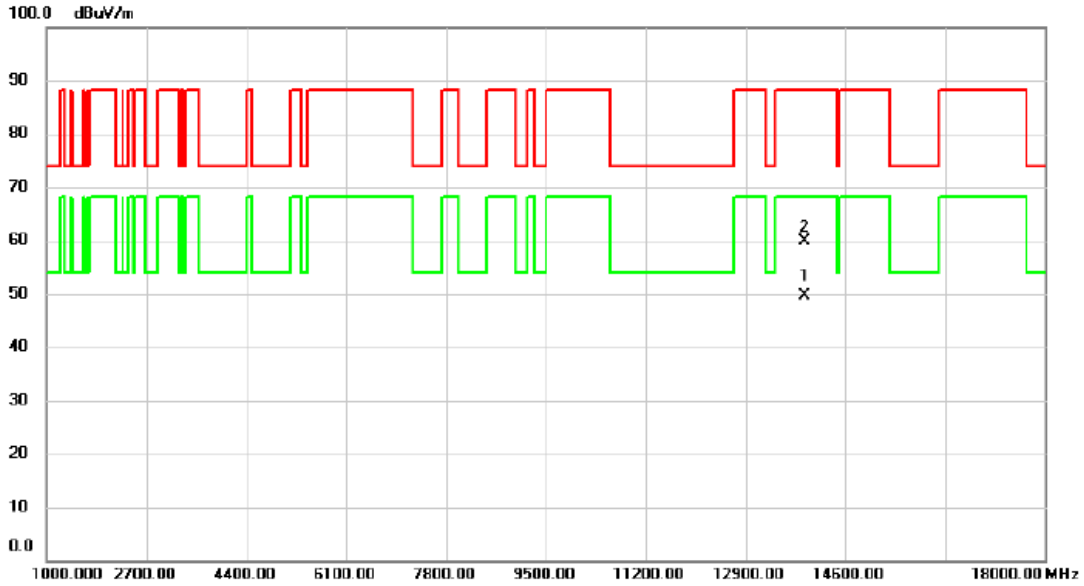
Test Mode	UNII-8_TX BE(EHT40) Mode 7085 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		14160.80	45.53	11.49	57.02	88.20	-31.18	peak	
2	*	14167.30	35.75	11.47	47.22	68.20	-20.98	AVG	

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

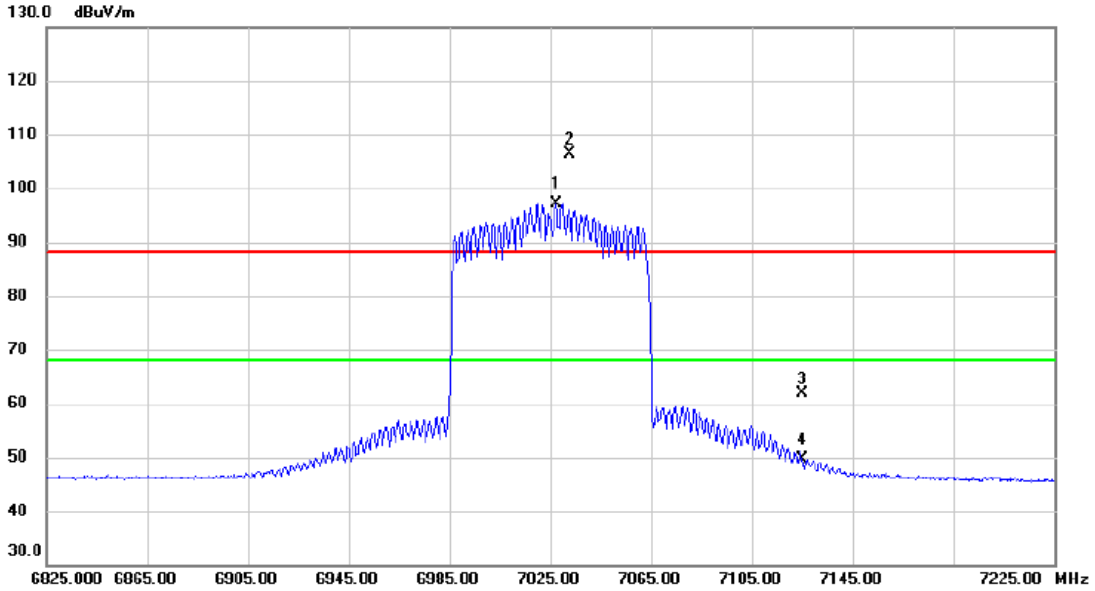
Test Mode	UNII-8_TX BE(EHT80) Mode 6945 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13900.10	38.07	11.49	49.56	68.20	-18.64	AVG	
2		13904.90	48.48	11.51	59.99	88.20	-28.21	peak	

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

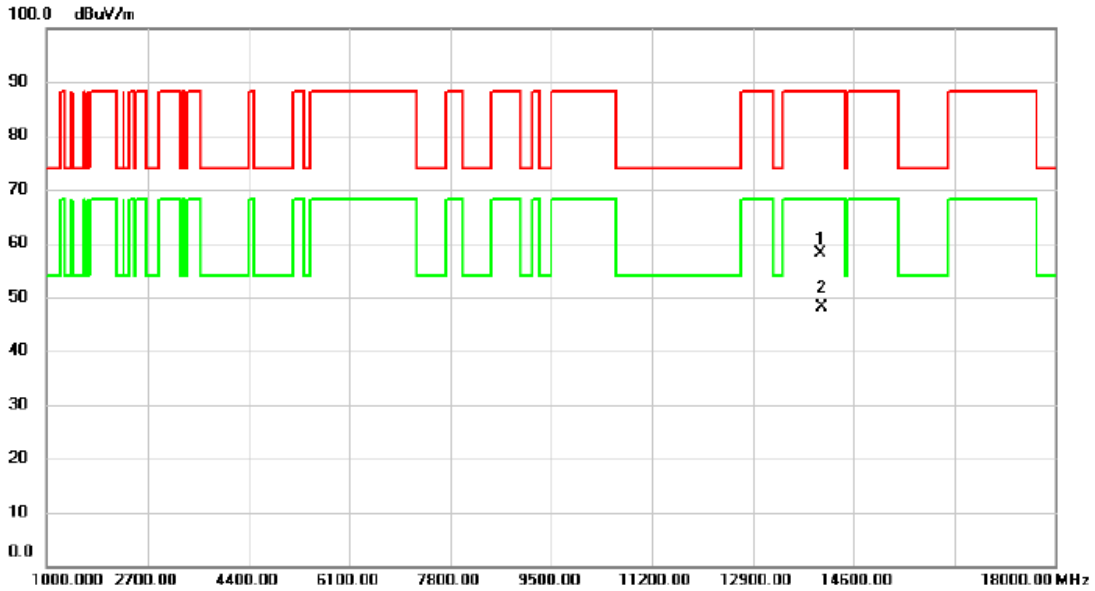
Test Mode	UNII-8_TX BE(EHT80) Mode 7025 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	7027.200	78.89	18.28	97.17	68.20	28.97	AVG	No Limit
2	X	7032.600	88.13	18.29	106.42	88.20	18.22	peak	No Limit
3		7125.000	43.51	18.29	61.80	88.20	-26.40	peak	
4		7125.000	31.43	18.29	49.72	68.20	-18.48	AVG	

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

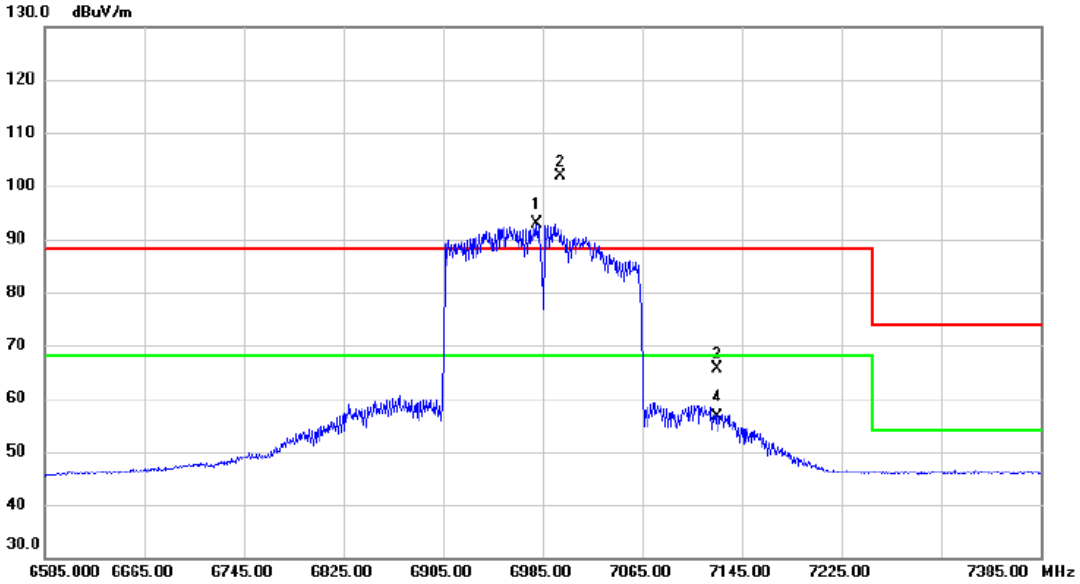
Test Mode	UNII-8_TX BE(EHT80) Mode 7025 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		14052.40	46.39	11.63	58.02	88.20	-30.18	peak	
2	*	14063.20	36.63	11.61	48.24	68.20	-19.96	AVG	

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

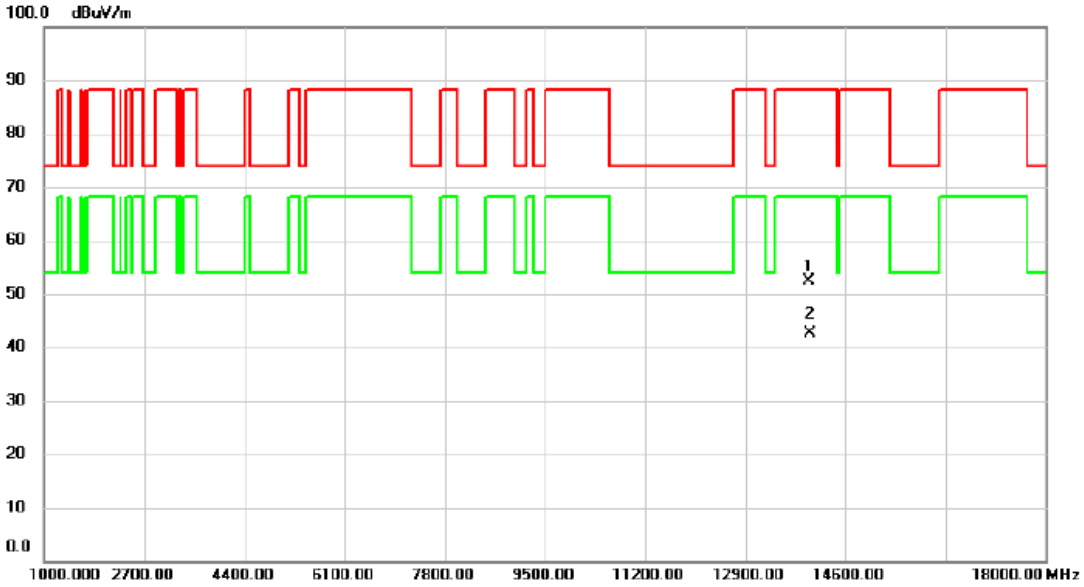
Test Mode	UNII-8_TX BE(EHT160) Mode 6985 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	6979.800	74.73	18.22	92.95	68.20	24.75	AVG	No Limit
2	X	6999.800	83.68	18.28	101.96	88.20	13.76	peak	No Limit
3		7125.000	47.36	18.29	65.65	88.20	-22.55	peak	
4		7125.000	38.46	18.29	56.75	68.20	-11.45	AVG	

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

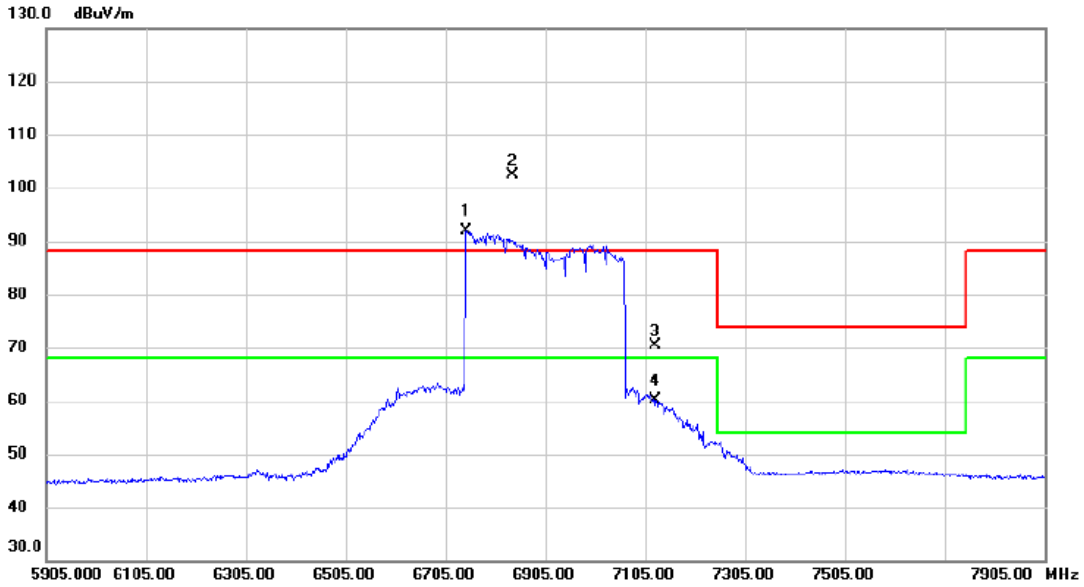
Test Mode	UNII-8_TX BE(EHT160) Mode 6985 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		13986.20	40.74	11.66	52.40	88.20	-35.80	peak	
2	*	13988.25	30.85	11.66	42.51	68.20	-25.69	AVG	

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

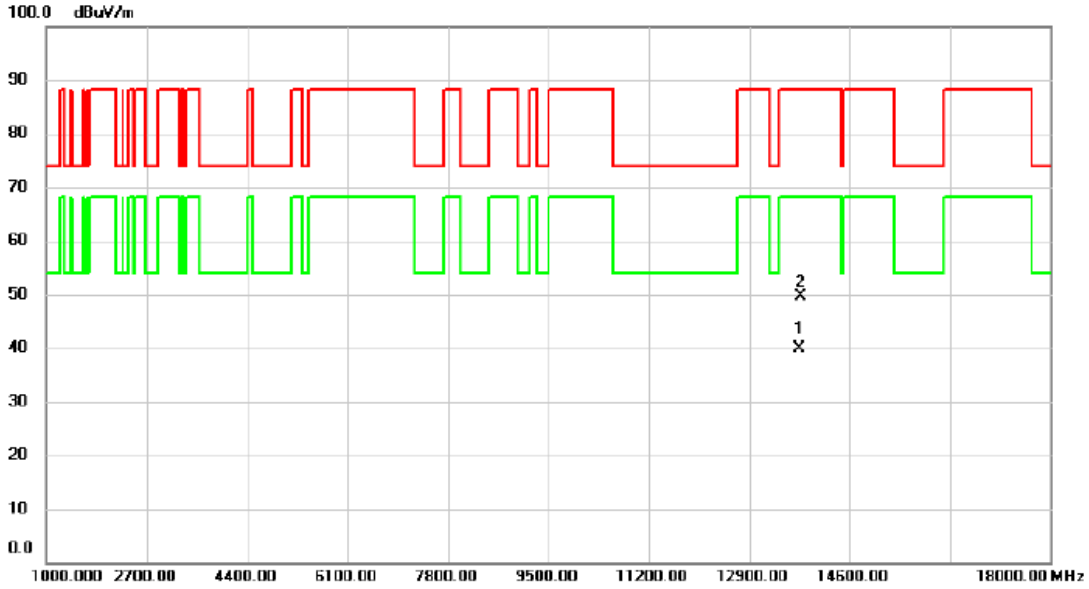
Test Mode	UNII-8_TX BE(EHT320) Mode 6905 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	6747.000	74.47	17.50	91.97	68.20	23.77	AVG	No Limit
2	X	6839.000	84.65	17.79	102.44	88.20	14.24	peak	No Limit
3		7125.000	52.19	18.29	70.48	88.20	-17.72	peak	
4		7125.000	41.92	18.29	60.21	68.20	-7.99	AVG	

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

Test Mode	UNII-8_TX BE(EHT320) Mode 6905 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	13760.15	28.72	11.22	39.94	68.20	-28.26	AVG	
2		13768.80	38.44	11.23	49.67	88.20	-38.53	peak	

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

APPENDIX C - MAXIMUM E.I.R.P.

Test Mode	UNII-8_TX BE(EHT320) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	e.i.r.p. (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
191	6905	13.11	0.75	15.86	30.00	1.0000	Complies

Test Mode	UNII-8_TX BE(EHT320) Mode_Ant. 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	e.i.r.p. (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
191	6905	12.76	0.75	15.51	30.00	1.0000	Complies

Test Mode	UNII-8_TX BE(EHT320) Mode_Total

Channel	Frequency (MHz)	e.i.r.p. (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
191	6905	18.70	30.00	1.0000	Complies

Note: Output power = Measure result + Cable loss

End of Test Report