Certificate #7130.01

FCC Radio Test Report

FCC ID:2BH7FTBE6500U

This report concerns: Original Grant

Project No.	:	2502G010
Equipment	:	1) BE6500 Tri-Band Wi-Fi 7 Wireless USB Adapter 2) BE3600 Dual-Band Wi-Fi 7 Wireless USB Adapter
Brand Name	:	tp-link
Test Model	:	1) Archer TBE6500U
Series Model	:	2) Archer TBE3600U
Applicant	:	TP-Link Systems Inc.
Address	:	10 Mauchly, Irvine, CA 92618
Manufacturer	:	TP-Link Systems Inc.
Address	:	10 Mauchly, Irvine, CA 92618
Date of Receipt	:	Feb. 24, 2025
Date of Test	:	Feb. 26, 2025 ~ Apr. 02, 2025
Issued Date	:	Apr. 17, 2025
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG20250224183 and DG20250304416 for AC power line conducted emissions and radiated emissions, DG20250224184 for others.
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.

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Declaration

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

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL 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.

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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.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-4-2502G010	R00	Original Report.	Apr. 16, 2025	Invalid
BTL-FCCP-4-2502G010	R01	Modified the comments of TCB.	Apr. 17, 2025	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 v03
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**
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	PASS	------
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	------
15.407(a)	Bandwidth	APPENDIX E	PASS	------
15.407(a)	Maximum e.i.r.p.	APPENDIX F	PASS	------
15.407(a)	Maximum Power Spectral Density (e.i.r.p.)	APPENDIX G	PASS	------
15.407(b)	In-Band Emission (Mask)	APPENDIX H	PASS	------
15.407(d)	Contention Based Protocol	APPENDIX I	PASS	------
15.407(g)	Frequency Stability	------	**NOTE (4)**	------
15.203	Antenna Requirements	------	PASS	**NOTE (2)**

Note:
(1) "N/A" denotes test is not applicable in this test report.
(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
(3) Device Type:
☐ 6ID: Indoor access point
☐ 6PP: Subordinate device (operating under control of a low-power indoor access point)
☒ 6XD: Indoor client (operating under control of a low-power indoor access point)
☐ 6CD: Dual client (operating under control of either a low-power indoor access point or standard power access point)
☐ 6SD: Standard power access point
☐ 6FX: Standard client (operating under control of a Standard power access point)
☐ 6FC: Fixed client (operating under control of a Standard power access point)
(4) The item is declared by the manufacturer.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:
For Radiated Emissions Above 30MHz Items: Room 102 & Room 702, Building 3, No.9, Jinshagang 1st Road, Dalang Town, Dongguan City, Guangdong People's Republic of China.
For Other Items: 1-2/F, 4/F, Building A, 1-2/F, Building B, 3/F, Building C, No.3, Jinshagang 1st Road, Dalang Town, 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. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.88

B. Radiated emissions test:

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

Test Site	Method	Measurement Frequency Range	Ant. H / V	*U*,(dB)
DG-CB17 (3m)	CISPR	30MHz ~ 200MHz	V	4.22
		30MHz ~ 200MHz	H	3.46
		200MHz ~ 1,000MHz	V	5.02
		200MHz ~ 1,000MHz	H	4.22

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-CB18 (3m)	CISPR	1GHz ~ 6GHz	4.48
		6GHz ~ 18GHz	3.88

Test Site	Method	Measurement Frequency Range	*U*,(dB)
DG-CB17 (1m)	CISPR	18 ~ 26.5 GHz	3.56
		26.5 ~ 40 GHz	3.54

C. Other Measurement test:

Test Item	Uncertainty
Bandwidth	0.90 %
Maximum e.i.r.p.	1.3 dB
Maximum Power Spectral Density (e.i.r.p.)	1.4 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
AC Power Line Conducted Emissions	22°C	53%	AC 120V/60Hz	Hayden Chen	Mar. 12, 2025
Radiated Emissions -9kHz to 30 MHz	22°C	46%	DC 5V	Hayden Chen	Mar. 13, 2025
Radiated Emissions -30MHz to 1000MHz	24°C	48%	DC 5V	Calvin Wen	Mar. 10, 2025
Radiated Emissions-Above 1000 MHz	23°C	48%	DC 5V	Drew Tan	Mar. 14, 2025
	22°C	50%	DC 5V	Drew Tan	Mar. 18, 2025
	22°C	50%	DC 5V	Drew Tan	Mar. 29, 2025
	25°C	46%	DC 5V	Calvin Wen	Mar. 11, 2025
Bandwidth	20-24°C	48-55%	DC 5V	Ilya Zhang	Mar. 12, 2025-Mar. 31, 2025
Maximum e.i.r.p.	25°C	60%	DC 5V	Meers Zhang Alex Yin	Mar. 21, 2025
Maximum Power Spectral Density (e.i.r.p.)	20-24°C	48-55%	DC 5V	Ilya Zhang	Mar. 12, 2025-Mar. 31, 2025
In-Band Emission (Mask)	20-24°C	48-55%	DC 5V	Ilya Zhang	Mar. 12, 2025-Mar. 31, 2025
Contention Based Protocol	19°C	55%	DC 5V	Ilya Zhang	Apr. 02, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment		1) BE6500 Tri-Band Wi-Fi 7 Wireless USB Adapter 2) BE3600 Dual-Band Wi-Fi 7 Wireless USB Adapter
Brand Name		tp-link
Test Model		1) Archer TBE6500U
Series Model		2) Archer TBE3600U
Model Difference(s)		Archer TBE3600U has the same hardware as Archer TBE6500U, only 6G is turned off in software.
Software Version		5002.24.117.4
Hardware Version		1.0
Power Source		Supplied from PC USB port.
Power Rating		DC 5V
Frequency Range		U-NII 5: 5925 MHz ~ 6425 MHz U-NII 6: 6425 MHz ~ 6525 MHz U-NII 7: 6525 MHz ~ 6875 MHz U-NII 8: 6875 MHz ~ 7125 MHz
Operation Frequency		UNII-5: 5955 MHz ~ 6415 MHz UNII-6: 6425 MHz ~ 6515 MHz UNII-7: 6525 MHz ~ 6875 MHz UNII-8: 6895 MHz ~ 7095 MHz
Modulation Technology		IEEE 802.11ax/be: OFDMA
Bit Rate of Transmitter		IEEE 802.11ax: up to 2402 Mbps IEEE 802.11be: up to 2882 Mbps
NSS1	Maximum e.i.r.p. _UNII-5	IEEE 802.11be(EHT160): 15.36 dBm (0.0344 W)
	Maximum e.i.r.p. _UNII-6	IEEE 802.11be(EHT160): 15.54 dBm (0.0358 W)
	Maximum e.i.r.p. _UNII-7	IEEE 802.11be(EHT160): 15.07 dBm (0.0321 W)
	Maximum e.i.r.p. _UNII-8	IEEE 802.11ax(HE160): 16.19 dBm (0.0416 W)
NSS2	Maximum e.i.r.p. _UNII-5	IEEE 802.11ax(HE160): 18.88 dBm (0.0773 W)
	Maximum e.i.r.p. _UNII-6	IEEE 802.11be(EHT160): 19.00 dBm (0.0794 W)
	Maximum e.i.r.p. _UNII-7	IEEE 802.11be(EHT160): 18.22 dBm (0.0664 W)
	Maximum e.i.r.p. _UNII-8	IEEE 802.11be(EHT160): 18.93 dBm (0.0782 W)

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

2. Channel List:

UNII-5							
IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)		IEEE 802.11ax(HE160) IEEE 802.11be(EHT160)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	3	5965	7	5985	15	6025
5	5975	11	6005	23	6065	47	6185
9	5995	19	6045	39	6145	79	6345
13	6015	27	6085	55	6225		
17	6035	35	6125	71	6305		
21	6055	43	6165	87	6385		
25	6075	51	6205				
29	6095	59	6245				
33	6115	67	6285				
37	6135	75	6325				
41	6155	83	6365				
45	6175	91	6405				
49	6195						
53	6215						
57	6235						
61	6255						
65	6275						
69	6295						
73	6315						
77	6335						
81	6355						
85	6375						
89	6395						
93	6415						

UNII-6							
IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)		IEEE 802.11ax(HE160) IEEE 802.11be(EHT160)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
97	6435	99	6445	103	6465	111	6505
101	6455	107	6485				
105	6475	115	6525				
109	6495						
113	6515						

UNII-7							
IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)		IEEE 802.11ax(HE160) IEEE 802.11be(EHT160)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
117	6535	123	6565	119	6545	143	6665
121	6555	131	6605	135	6625	175	6825
125	6575	139	6645	151	6705		
129	6595	147	6685	167	6785		
133	6615	155	6725	183	6865		
137	6635	163	6765				
141	6655	171	6805				
145	6675	179	6845				
149	6695						
153	6715						
157	6735						
161	6755						
165	6775						
169	6795						
173	6815						
177	6835						
181	6855						

UNII-8							
IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)		IEEE 802.11ax(HE160) IEEE 802.11be(EHT160)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
185	6875	187	6885	199	6945	207	6985
189	6895	195	6925	215	7025		
193	6915	203	6965				
197	6935	211	7005				
201	6955	219	7045				
205	6975	227	7085				
209	6995						
213	7015						
217	7035						
221	7055						
225	7075						
229	7095						

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	tp-link	2052500895	Monopole	N/A	2.58
2	tp-link	2052500895	Monopole	N/A	3.00

Note:

1) This EUT supports CDD, and all antenna gains are not equal, Directional gain = G_{ANT}+Array Gain.
For power measurements, Array Gain=0dB (N_{ANT}≤4), so the Directional gain=3.00.
For power spectral density measurements, N_{ANT}=2, N_{SS} = 1 and N_{SS} = 2.
So the N_{SS} = 1 Directional gain=G_{ANT}+Array Gain=G_{ANT}+10log(N_{ANT}/ N_{SS})dBi=3+10log(2/1)dBi=6.01;
the N_{SS} = 2 Directional gain=G_{ANT}+Array Gain=G_{ANT}+10log(N_{ANT}/ N_{SS})dBi=3+10log(2/2)dBi=3.00.
2) Beamforming Gain: 3dB.

4. Operating Mode and Antenna Confguration:

Operating Mode / TX Mode	2TX
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)

3.2 TEST MODES

Test Items	Test Mode	Channel	Note
AC Power Line Conducted Emissions	IEEE 802.11be(EHT160)	111	-
Radiated Emissions-9kHz to 30MHz	IEEE 802.11be(EHT160)	111	-
Radiated Emissions-30MHz to 1000MHz	IEEE 802.11be(EHT160)	111	-
Radiated Emissions-Above 1000 MHz	IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)	1,229	Bandedge
	IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)	3,227	
	IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	7,215	
	IEEE 802.11ax(HE160) IEEE 802.11be(EHT160)	15,207	
	IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)	1/45/93, 97/105/113, 117/149/181, 185/209/229	Harmonic
	IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)	3/43/91, 99/107/115, 123/155/179, 187/211/227	
	IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	7/39/87, 103, 119/151/183, 199/215	
	IEEE 802.11ax(HE160) IEEE 802.11be(EHT160)	15/47/79, 111, 143/175, 207	
Bandwidth. & Maximum e.i.r.p. & Maximum Power Spectral Density(e.i.r.p.) & In - Band Emission(Mask)	IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)	1/45/93, 97/105/113, 117/149/181, 185/209/229	-
	IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)	3/43/91, 99/107/115, 123/155/179, 187/211/227	
	IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	7/39/87, 103, 119/151/183, 199/215	
	IEEE 802.11ax(HE160) IEEE 802.11be(EHT160)	15/47/79, 111, 143/175, 207	
Contention Based Protocol	IEEE 802.11be(EHT20)	45, 105, 149, 213	-
	IEEE 802.11be(EHT160)	47, 111, 143, 207	
	IEEE 802.11be(EHT320)	63, 95, 159, 191	

Note:

(1) For AC power line conducted emissions and radiated emission below 1 GHz test, the IEEE 802.11be(EHT160) channel 111 is found to be the worst case and recorded.
(2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
(3) For radiated emission Harmonic 18-40GHz test, only tested the worst case and recorded.
(4) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(5) For radiated emission above 1 GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Verticalfor Band edge, Horizontal for Harmonic. In this report only recorded the worst case.
(6) The RF Output Power of the Beamforming mode will be lower than that of the Non Beamforming mode. Only Non Beamforming mode will be evaluated and recorded in the report.
(7) IEEE 802.11ax mode and IEEE 802.11be mode only support full RU, so only the full RU is evaluated and measured inside report.

3.3 PARAMETERS OF TEST SOFTWARE

NSS1

UNII-5			
Test Software Version	RTL8922A_USB_MP_Package_v2.0.44		
Frequency (MHz)	5955	6175	6415
IEEE 802.11ax(HE20)	0	1	2.5
IEEE 802.11be(EHT20)	-5	1	2
Frequency (MHz)	5965	6165	6405
IEEE 802.11ax(HE40)	2.5	3.5	4.5
IEEE 802.11be(EHT40)	2.5	3.5	4.5
Frequency (MHz)	5985	6145	6385
IEEE 802.11ax(HE80)	5.5	6.5	7.5
IEEE 802.11be(EHT80)	6	7	7.5
Frequency (MHz)	6025	6185	6345
IEEE 802.11ax(HE160)	8.5	9	9.5
IEEE 802.11be(EHT160)	8.5	8.5	9.5

UNII-6			
Test Software Version	RTL8922A_USB_MP_Package_v2.0.44		
Frequency (MHz)	6435	6475	6515
IEEE 802.11ax(HE20)	2.5	2.5	1
IEEE 802.11be(EHT20)	2	2	1
Frequency (MHz)	6445	6485	6525
IEEE 802.11ax(HE40)	5	4.5	4
IEEE 802.11be(EHT40)	4.5	4.5	4
Frequency (MHz)	6465		
IEEE 802.11ax(HE80)	7.5		
IEEE 802.11be(EHT80)	7.5		
Frequency (MHz)	6505		
IEEE 802.11ax(HE160)	9.5		
IEEE 802.11be(EHT160)	9.5		

UNII-7			
Test Software Version	RTL8922A_USB_MP_Package_v2.0.44		
Frequency (MHz)	6535	6695	6855
IEEE 802.11ax(HE20)	0.5	-0.5	-0.5
IEEE 802.11be(EHT20)	0.5	-1.5	-0.5
Frequency (MHz)	6565	6725	6845
IEEE 802.11ax(HE40)	2.5	1.5	2.5
IEEE 802.11be(EHT40)	2	2	2
Frequency (MHz)	6545	6705	6865
IEEE 802.11ax(HE80)	6.5	5	5.5
IEEE 802.11be(EHT80)	6	5	5.5
Frequency (MHz)	6665	6825	
IEEE 802.11ax(HE160)	8	8	
IEEE 802.11be(EHT160)	8	8	

UNII-8			
Test Software Version	RTL8922A_USB_MP_Package_v2.0.44		
Frequency (MHz)	6875	6995	7095
IEEE 802.11ax(HE20)	-0.5	1	4.5
IEEE 802.11be(EHT20)	-0.5	1	5
Frequency (MHz)	6925	7005	7085
IEEE 802.11ax(HE40)	3	4	3.5
IEEE 802.11be(EHT40)	3	4.5	4
Frequency (MHz)	6945	7025	
IEEE 802.11ax(HE80)	7	7	
IEEE 802.11be(EHT80)	7	7	
Frequency (MHz)	6985		
IEEE 802.11ax(HE160)	10		
IEEE 802.11be(EHT160)	10		

NSS2

UNII-5			
Test Software Version	RTL8922A_USB_MP_Package_v2.0.44		
Frequency (MHz)	5955	6175	6415
IEEE 802.11ax(HE20)	3	4	5
IEEE 802.11be(EHT20)	3	3.5	5
Frequency (MHz)	5965	6165	6405
IEEE 802.11ax(HE40)	6	7	8
IEEE 802.11be(EHT40)	5	5.5	8
Frequency (MHz)	5985	6145	6385
IEEE 802.11ax(HE80)	8.5	9.5	11
IEEE 802.11be(EHT80)	8.5	9	10.5
Frequency (MHz)	6025	6185	6345
IEEE 802.11ax(HE160)	11.5	11.5	13
IEEE 802.11be(EHT160)	11	11	13

UNII-6			
Test Software Version	RTL8922A_USB_MP_Package_v2.0.44		
Frequency (MHz)	6435	6475	6515
IEEE 802.11ax(HE20)	5	5	3.5
IEEE 802.11be(EHT20)	5.5	5.5	4.5
Frequency (MHz)	6445	6485	6525
IEEE 802.11ax(HE40)	8	8	7
IEEE 802.11be(EHT40)	8	7.5	7
Frequency (MHz)	6465		
IEEE 802.11ax(HE80)	11		
IEEE 802.11be(EHT80)	11		
Frequency (MHz)	6505		
IEEE 802.11ax(HE160)	13		
IEEE 802.11be(EHT160)	13		

UNII-7			
Test Software Version	RTL8922A_USB_MP_Package_v2.0.44		
Frequency (MHz)	6535	6695	6855
IEEE 802.11ax(HE20)	4	2.5	3
IEEE 802.11be(EHT20)	4.5	2.5	2.5
Frequency (MHz)	6565	6725	6845
IEEE 802.11ax(HE40)	6	5	5.5
IEEE 802.11be(EHT40)	6	5	5
Frequency (MHz)	6545	6705	6865
IEEE 802.11ax(HE80)	9.5	8	8.5
IEEE 802.11be(EHT80)	9.5	8	8
Frequency (MHz)	6665	6825	
IEEE 802.11ax(HE160)	11.5	11.5	
IEEE 802.11be(EHT160)	11	11.5	

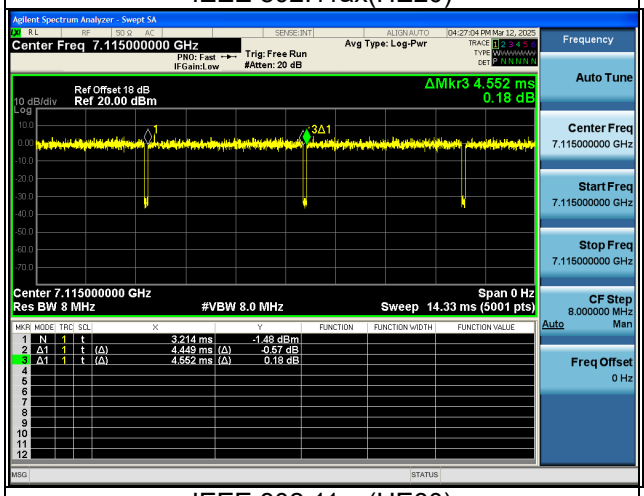
UNII-8			
Test Software Version	RTL8922A_USB_MP_Package_v2.0.44		
Frequency (MHz)	6875	6995	7095
IEEE 802.11ax(HE20)	3.5	4.5	7.5
IEEE 802.11be(EHT20)	3	4.5	7
Frequency (MHz)	6925	7005	7085
IEEE 802.11ax(HE40)	6	7.5	6.5
IEEE 802.11be(EHT40)	6	7	6.5
Frequency (MHz)	6945	7025	
IEEE 802.11ax(HE80)	10	10	
IEEE 802.11be(EHT80)	10	9.5	
Frequency (MHz)	6985		
IEEE 802.11ax(HE160)	13		
IEEE 802.11be(EHT160)	13		

3.4 DUTY CYCLE

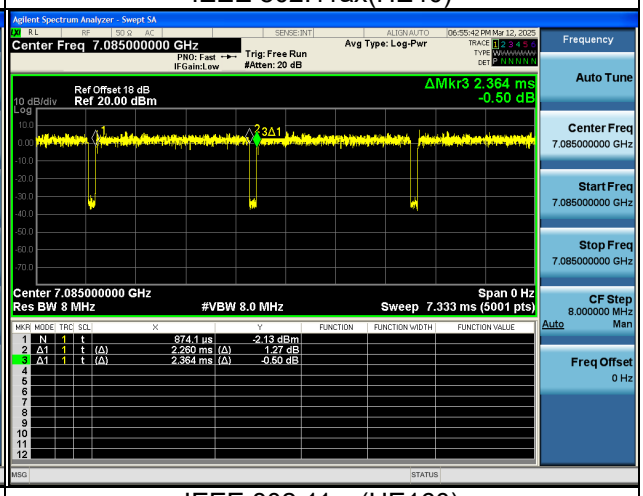
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)	1/On Time (B)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)	1/B Minimum VBW (kHz)
IEEE 802.11ax(HE20)	4.449	1	4.449	4.552	97.74%	0.10	0.225
IEEE 802.11ax(HE40)	2.260	1	2.260	2.364	95.60%	0.20	0.442
IEEE 802.11ax(HE80)	2.160	1	2.160	2.265	95.36%	0.21	0.463
IEEE 802.11ax(HE160)	1.376	1	1.376	1.430	96.22%	0.17	0.727
IEEE 802.11be(EHT20)	4.455	1	4.455	4.561	97.68%	0.10	0.224
IEEE 802.11be(EHT40)	2.268	1	2.268	2.371	95.66%	0.19	0.441
IEEE 802.11be(EHT80)	2.168	1	2.168	2.270	95.51%	0.20	0.461
IEEE 802.11be(EHT160)	1.383	1	1.383	1.437	96.24%	0.17	0.723

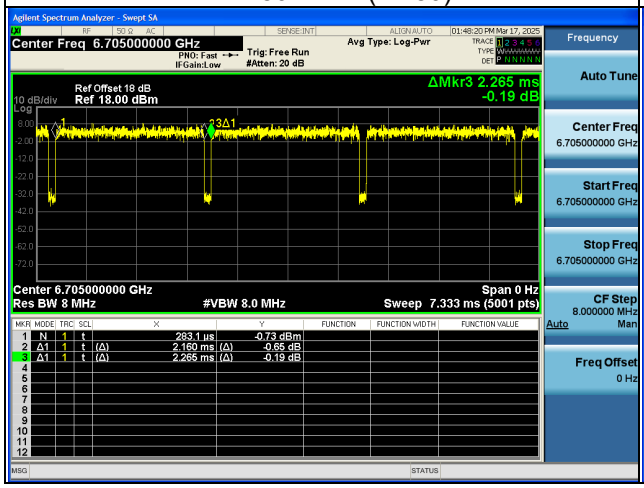
IEEE 802.11ax(HE20)



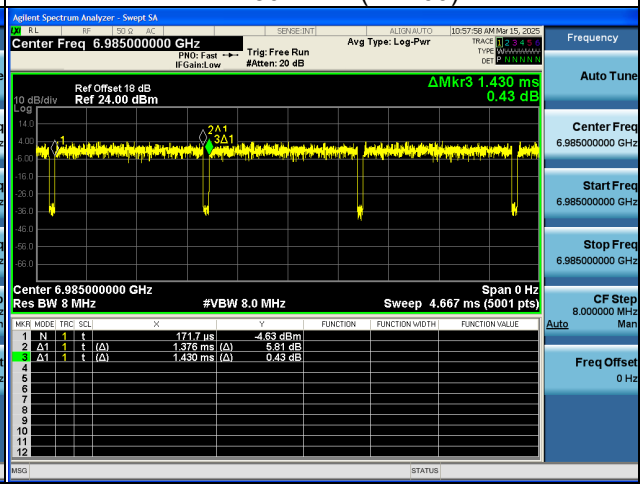
IEEE 802.11ax(HE40)



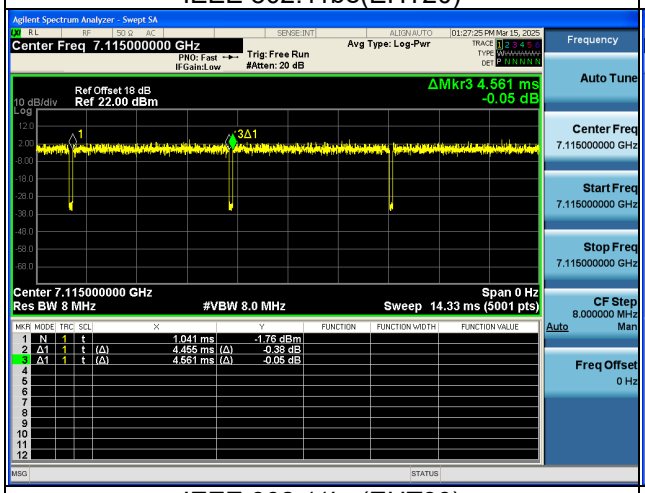
IEEE 802.11ax(HE80)



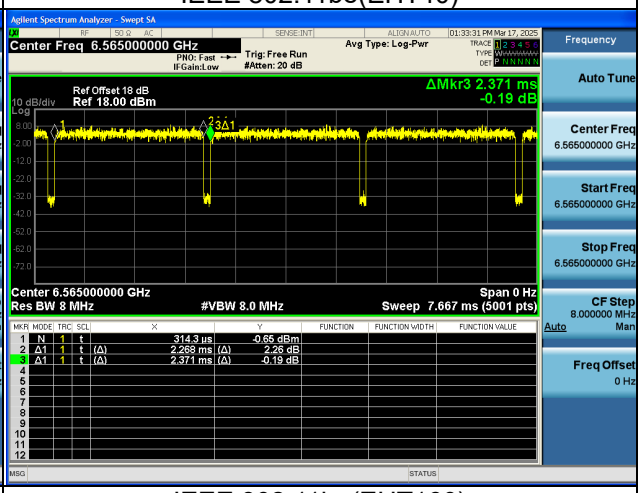
IEEE 802.11ax(HE160)



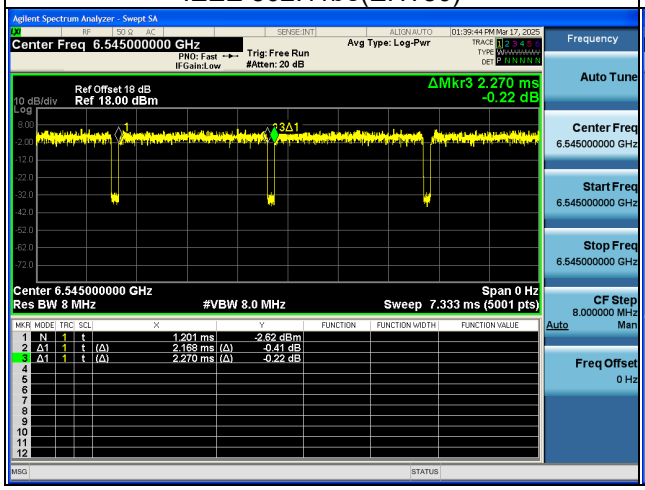
IEEE 802.11be(EHT20)



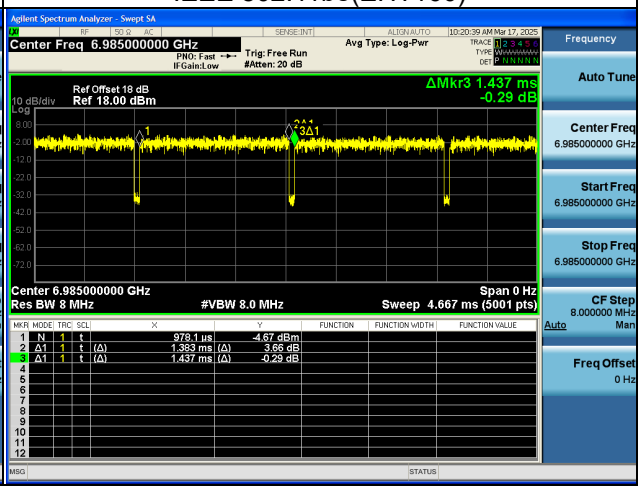
IEEE 802.11be(EHT40)



IEEE 802.11be(EHT80)

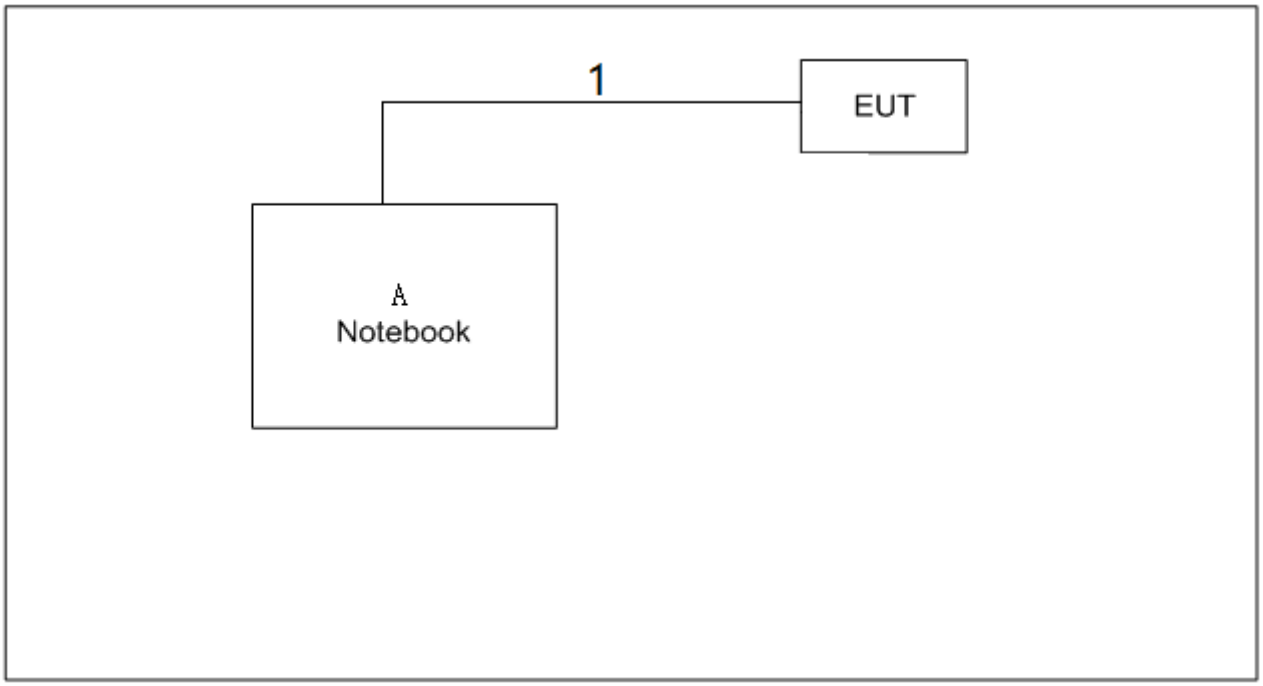


IEEE 802.11be(EHT160)

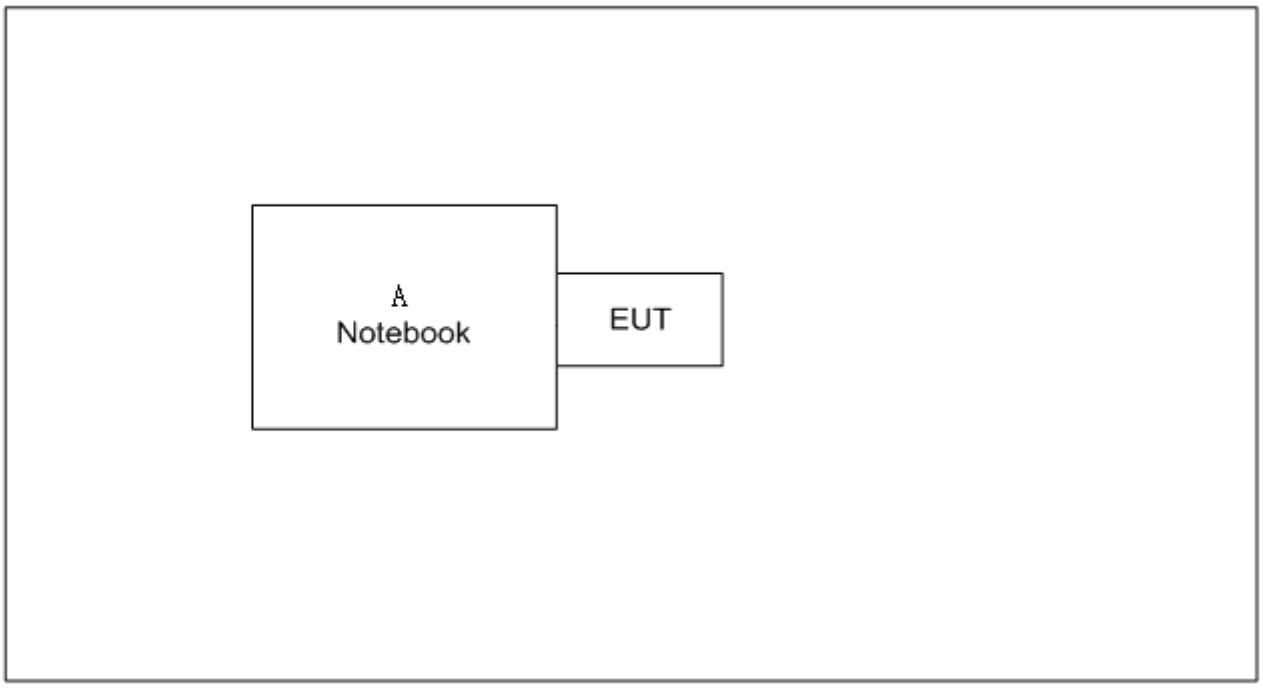


3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

For Radiated Emissions 1-18GHz Item



For Other Items



3.6 SUPPORT UNITS

For Radiated Emissions 1-18GHz Item

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Dell	INSPIRON 5493	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	USB Cable	NO	NO	0.8m

For Other Items

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Dell	INSPIRON 5493	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
-	-	-	-	-

3.7 CUSTOMER INFORMATION DESCRIPTION

1) The antenna gain and beamforming gain are provided by the manufacturer.
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. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

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

NOTE:
(1) The tighter limit applies at the band edges.
(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

NOTE:
(1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
BW=9 kHz (6 dB Bandwidth)
(2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

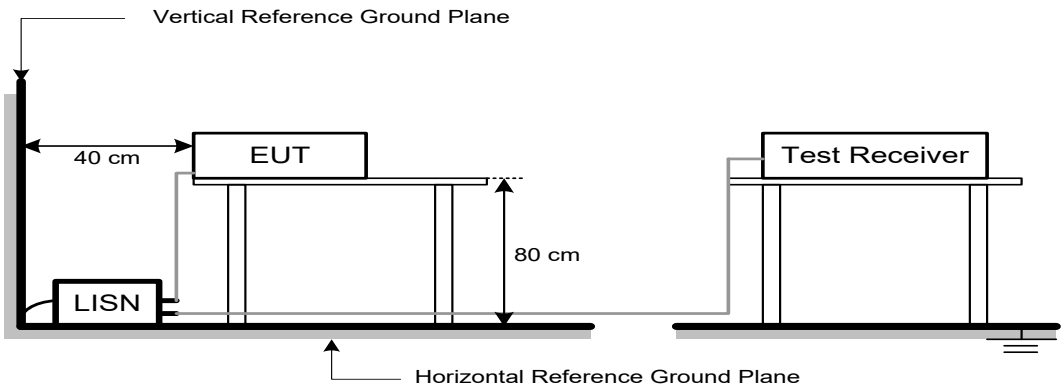
The following table is the setting of the receiver:

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

4.3 DEVIATION FROM TEST STANDARD

No deviation

4.4 TEST SETUP



4.5 EUT OPERATION CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX mode.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

5. RADIATED EMISSIONS

5.1 LIMIT

According to 15.407(b)(6) the limits are as follows:
For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz) AND UNWANTED EMISSION WITHIN THE RESTRICTED BANDS (Above 1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS (Above 1000 MHz)

Frequency (MHz)	EIRP Limit (dBm/MHz)	Maximum field strength Limit at 3m (dBμV/m)	Maximum field strength Limit at 1m (dBμV/m)
5925-7125	Average: -27	68.2	77.7 (Note 2)

NOTE:
(1) e.i.r.p. Limit (dBuV/m at 3m) = Power Limit(dBm) + 95.2. (Referring to FCC KDB 987594 D02, clause G.2.d)(iii))
(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.
FS_{limit}: Harmonic at 3m Peak and Average limit.
FS_{max}: Harmonic at 1m Peak and Average Maximum value.
d_{limit}: Harmonic at 3m test distance.
$d_{measure}$: Harmonic Actual test distance.

5.2 TEST PROCEDURE

For measurements below 30 MHz:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

For measurements 30 MHz to 40 GHz:

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.(30MHz to 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. (30MHz to 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1 GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

The following table is the setting of the receiver:

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

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

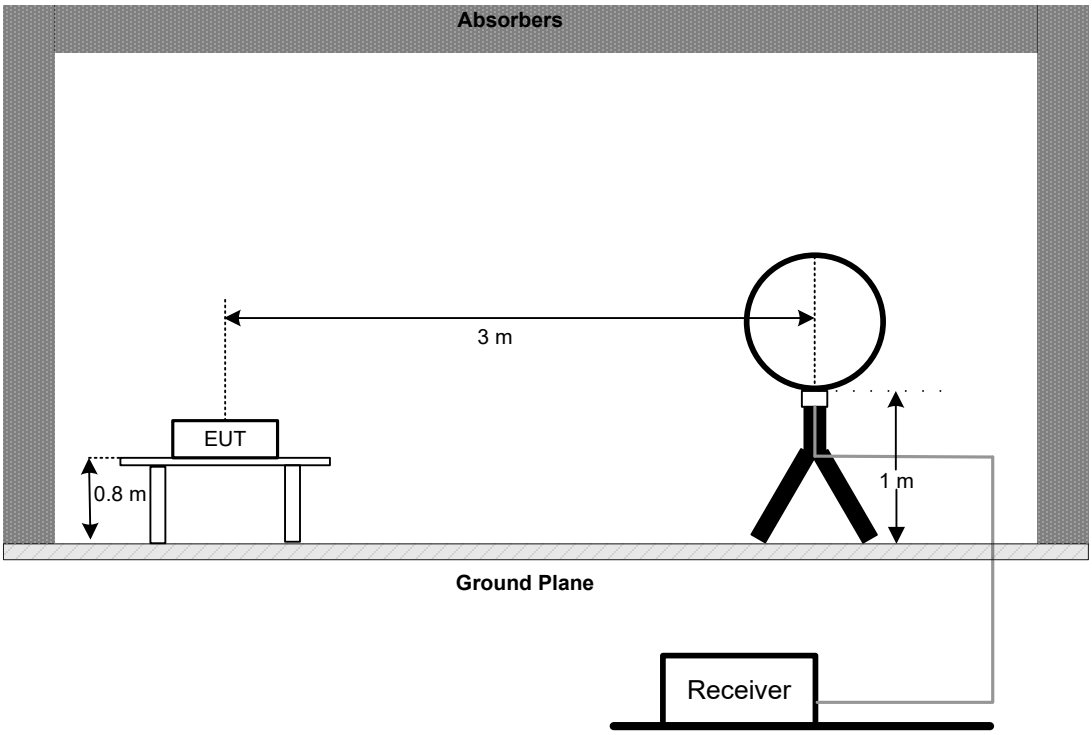
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

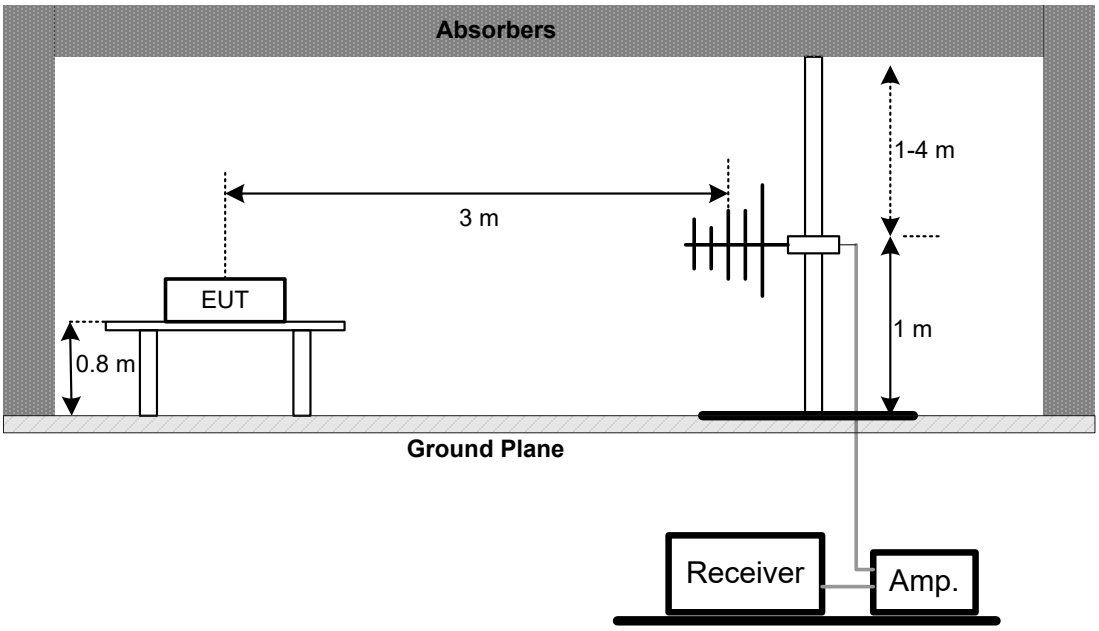
No deviation.

5.4 TEST SETUP

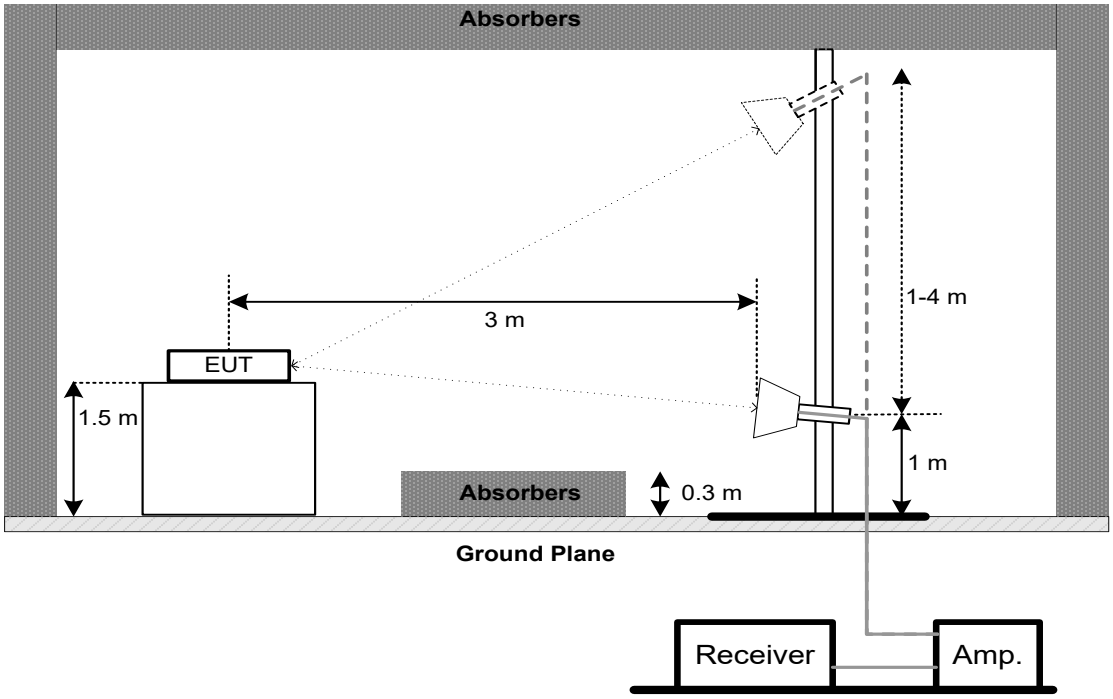
9 kHz to 30 MHz



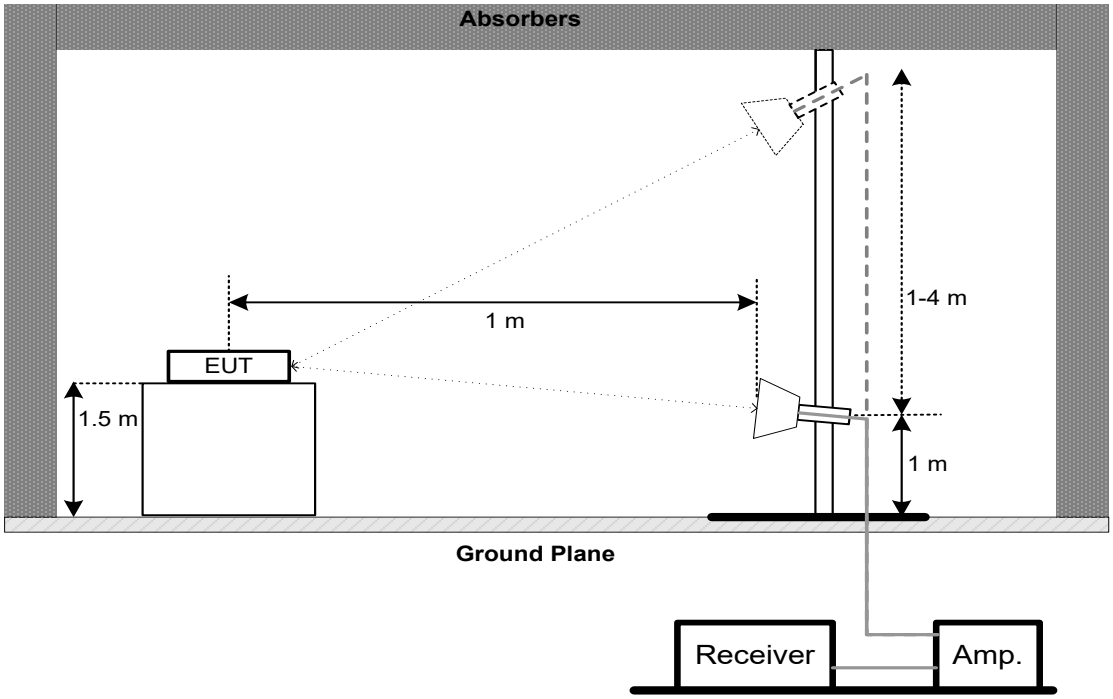
30 MHz to 1 GHz



Above 1 GHz
Band edge & Harmonic (1 GHz to 18 GHz)



Harmonic (18 GHz to 40 GHz)



5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

(1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
(2) Limit line = specific limits (dBuV) + distance extrapolation factor.

5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

5.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

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

6. BANDWIDTH

6.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	26 dB Bandwidth	Maximum 320 MHz	5925-7125

6.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting:
For 26 dB Bandwidth:

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

For 99% Occupied Bandwidth:

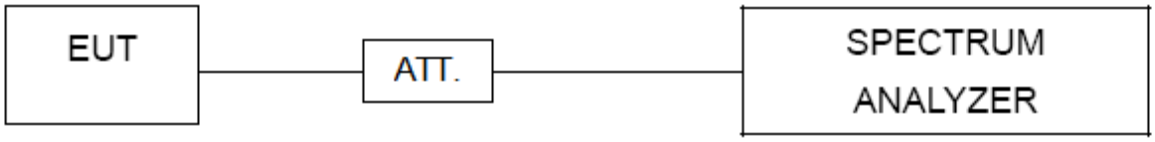
Spectrum Parameter	Setting
Span Frequency	1.5 times to 5 times the OBW
RBW	1% to 5% of the OBW
VBW	≥ 3*RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX E.

7. MAXIMUM E.I.R.P.

7.1 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	

7.2 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.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP

7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX F.

8. MAXIMUM POWER SPECTRAL DENSITY (E.I.R.P.)

8.1 LIMIT

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

8.2 TEST PROCEDURE

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

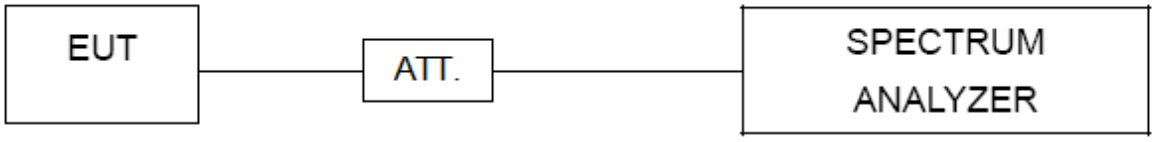
b. Spectrum Setting:

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

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

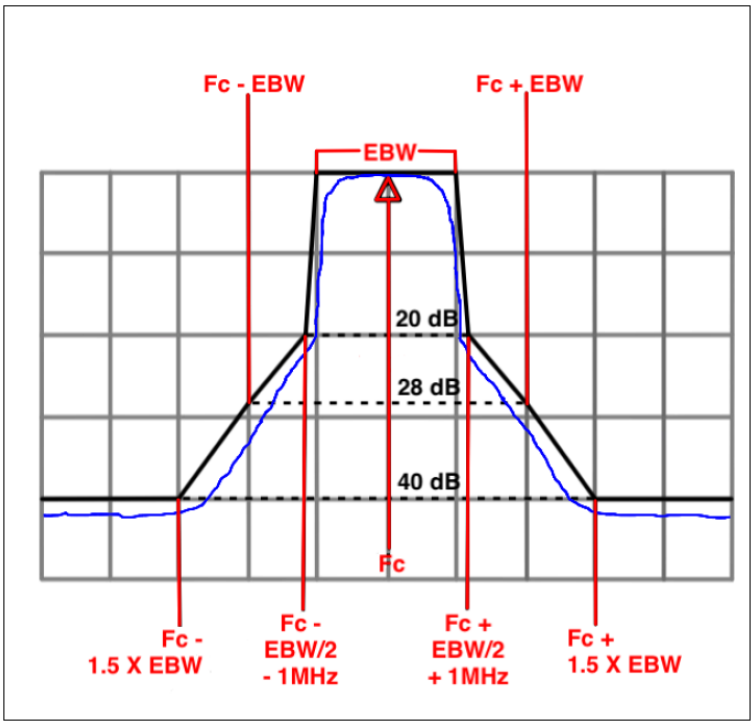
Please refer to the APPENDIX G.

9. IN-BAND EMISSION (MASK)

9.1 LIMIT

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

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



9.2 TEST PROCEDURE

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

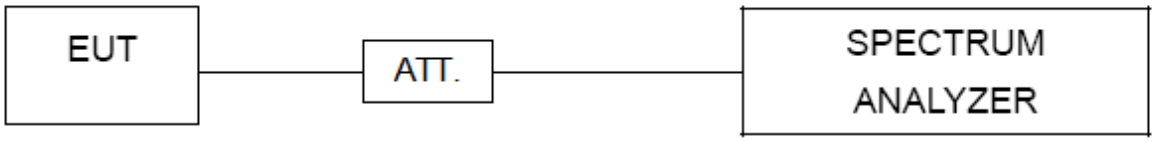
b. Spectrum Setting:

Spectrum Parameter	Setting
Span Frequency	> 26 dB Bandwidth
RBW	Appromiximately 1% of the emission bandwidth
VBW	≥3xRBW
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULTS

Please refer to the APPENDIX H.

10. CONTENTION BASED PROTOCOL

10.1 LIMIT

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.
Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. (See note)
To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

10.2 TEST PROCEDURE

Number of times detection threshold:

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

Where:
BW_{EUT}: Transmission bandwidth of EUT signal.
BW_{Inc}: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal).
f_{c1}: Center frequency of EUT transmission.
f_{c2}: Center frequency of simulated incumbent signal.

For Conducted measurement:

a. Configure the EUT to transmit with a constant duty cycle.
b. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
c. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
d. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step b.
e. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
f. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT.
g. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
h. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
i. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
j. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step e, choose a different center frequency for the AWGN signal and repeat the process.

10.3 DEVIATION FROM STANDARD

No deviation.

10.4 TEST SETUP

For Conducted measurement:

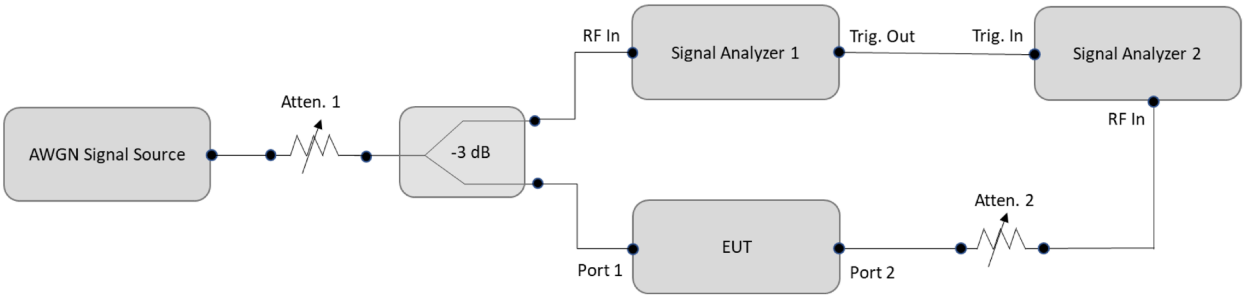


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

10.5 EUT OPERATION CONDITIONS

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

10.6 TEST RESULTS

Please refer to the APPENDIX I.

11. LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI TEST RECEIVER	R&S	ESCI	100382	Dec. 06, 2025
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Dec. 06, 2025
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M -001	9M	Nov. 11, 2025
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60B	1513-60 B-034	Mar. 30, 2025
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Dec. 06, 2025
3	Cable	N/A	RW4950-3.8A-NMS M-1.5	N/A	Nov. 12, 2025
4	Cable	N/A	LMR400-NMNM-8 M	N/A	Nov. 12, 2025
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	966 Chamber room	ETS	9*6*6	N/A	May 16, 2025

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1587	Apr. 25, 2025
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06010	Apr. 25, 2025
3	Preamplifier	EMC INSTRUMENT	EMC001330	980865	Oct. 29, 2025
4	Cable	RegalWay	LMR400-NMNM-2. 5m	N/A	Jan. 07, 2026
5	Cable	RegalWay	LMR400-NMNM-7 m	N/A	Jan. 07, 2026
6	Cable	RegalWay	LMR400-NMNM-3 m	N/A	Jan. 07, 2026
7	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
8	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	ETS	9*6*6	N/A	Jan. 02, 2026

Radiated Emissions - 1 GHz - 18 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Oct. 29, 2025
4	Cable	RegalWay	RWLP50-4.0A-SMSM-1.3M	N/A	Jan. 09, 2025
5	Cable	RegalWay	RWLP50-2.6A-3.5M2.92MRA-3M	N/A	Jan. 09, 2025
6	Cable	RegalWay	RWLP50-4.0A-SMSM-9M	N/A	Jan. 09, 2025
7	966 Chamber room	ETS	RFD-100(SVSWR)	Q2179	Jan. 09, 2025
8	Double Ridged Horn Antenna	EMC INSTRUMENT	DRH18-E	210509A18ES	Aug. 28, 2025
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 31, 2025
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	STI	STI15-9969	N/A	Oct. 29, 2025

Radiated Emissions - Above 18 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Oct. 29, 2025
2	Cable	RegalWay	RWLP50-2.6A-2.92M2.92M-2M	N/A	Jan. 07, 2026
3	Cable	RegalWay	RWLP50-2.6A-3.5M2.92MMRA-6M	N/A	Jan. 07, 2026
4	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	1227	Oct. 20, 2025
5	Preamplifier	EMC INSTRUMENT	EMC184045SE	980905	Oct. 29, 2025
6	966 Chamber room	ETS	9*6*6	N/A	Jan. 03, 2026
7	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Bandwidth & Maximum Power Spectral Density & In-Band Emission (Mask)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EXA Spectrum Analyzer	Agilent	N9010A	MY54200164	Dec. 06, 2025
2	Cable	RegalWay	20210802 013	RWP50-402-SMSM-1M	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A
4	BTL TestSystem	BTL	TestSoftware	N/A	N/A

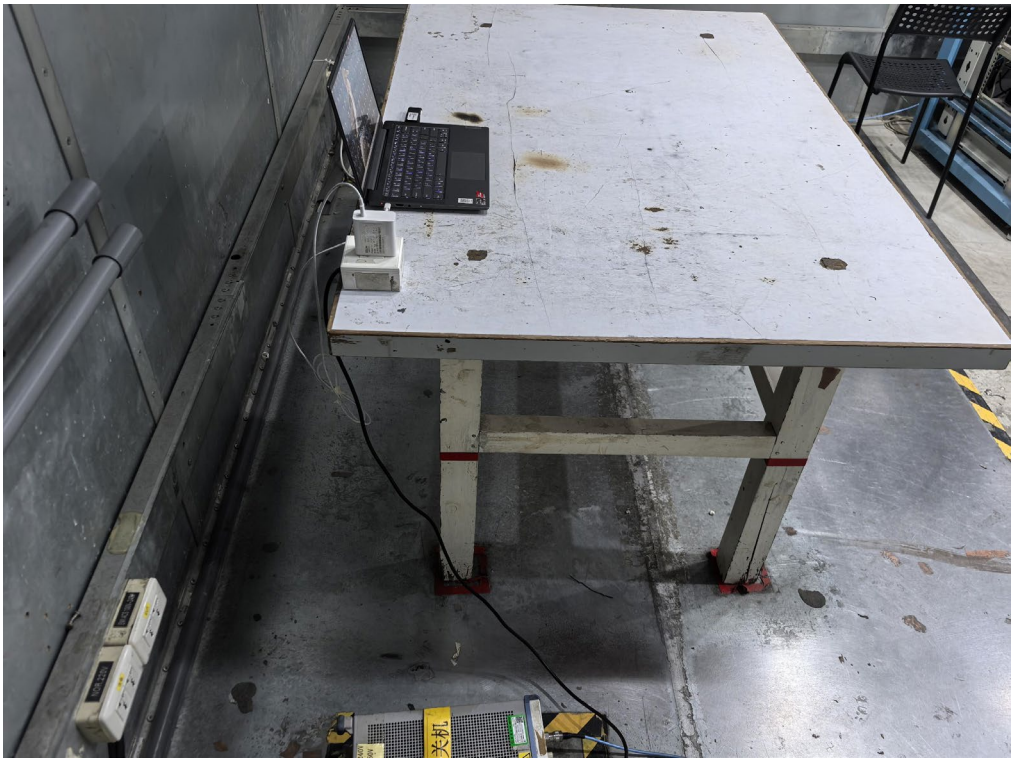
Maximum e.i.r.p.					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	May 31, 2025
2	Wideband power sensor	Keysight	N1923A	MY58310004	May 31, 2025
3	Isolation attenuator	Z-Link	ASMA-10-18-2W	N/A	N/A

Contention Based Protocol					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EXA Spectrum Analyzer	Agilent	N9010A	MY50520044	Dec. 06, 2025
2	MXG Vector Signal Generator	Keysight	N5182B	MY57300568	May 31, 2025
3	Frequency Extender	Keysight	N5182BX07	MY59362506	May 31, 2025
4	Cable	RegalWay	20240202 020	RWP50-402-SMSM-1M	N/A
5	Cable	RegalWay	20210802 015	RWP50-402-SMSM-1M	N/A
6	Cable	RegalWay	20210802 016	RWP50-402-SMSM-1M	N/A
7	Cable	RegalWay	20210802 002	RWP50-402-SMSM-1M	N/A
8	Cable	Woke	20210802 005	RWP50-402-SMSM-1M	N/A
9	Cable	RegalWay	20240202 006	RWP50-402-SMSM-2M	N/A
10	Power Splitter	N/A	N/A	SZ201504933	Dec. 06, 2025
11	Gaming Router	Tplink	Archer GE800	N/A	N/A
12	Measurement Software	BTL	WIFI6E TestSystem	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.

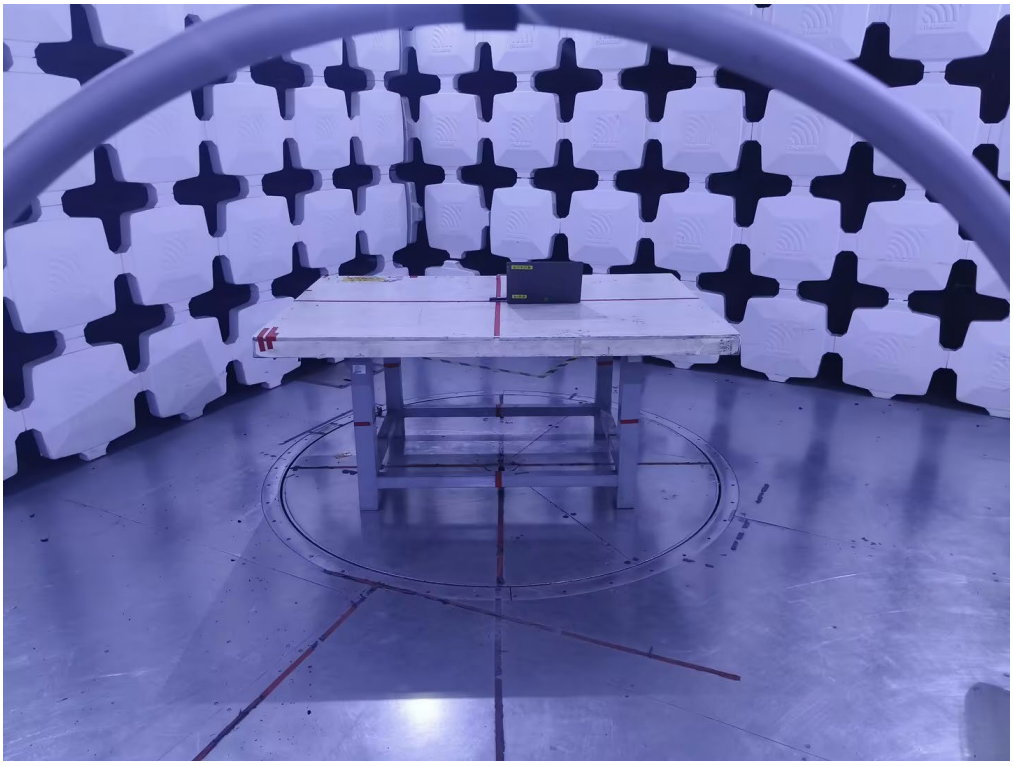
12. EUT TEST PHOTOS

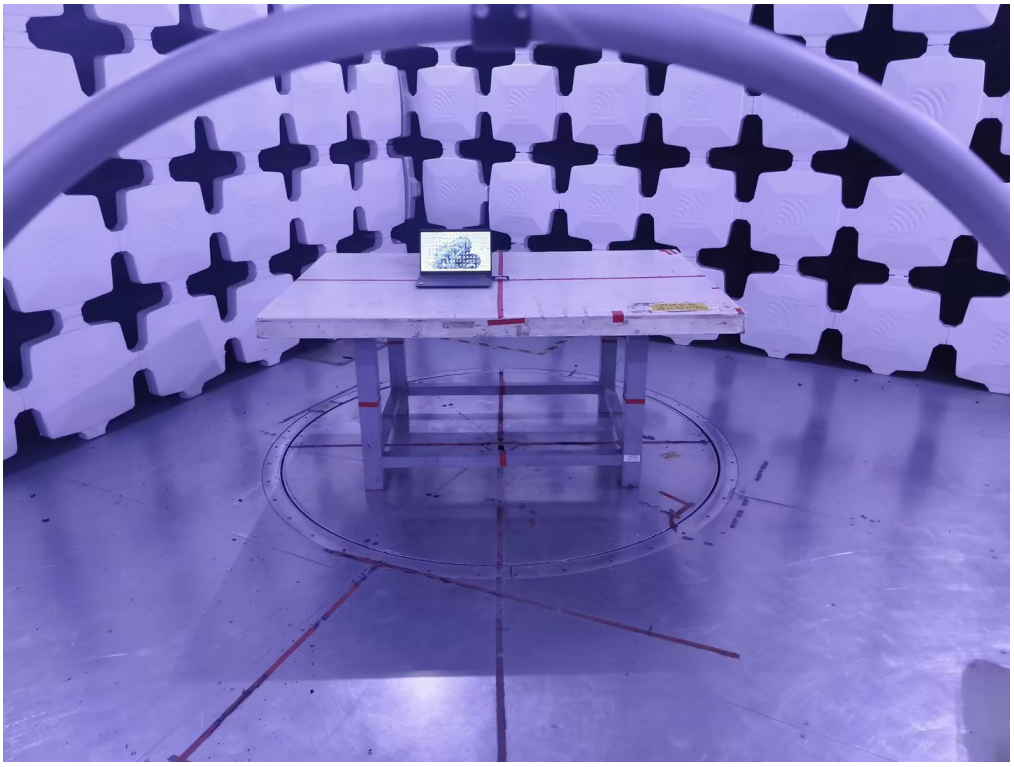
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

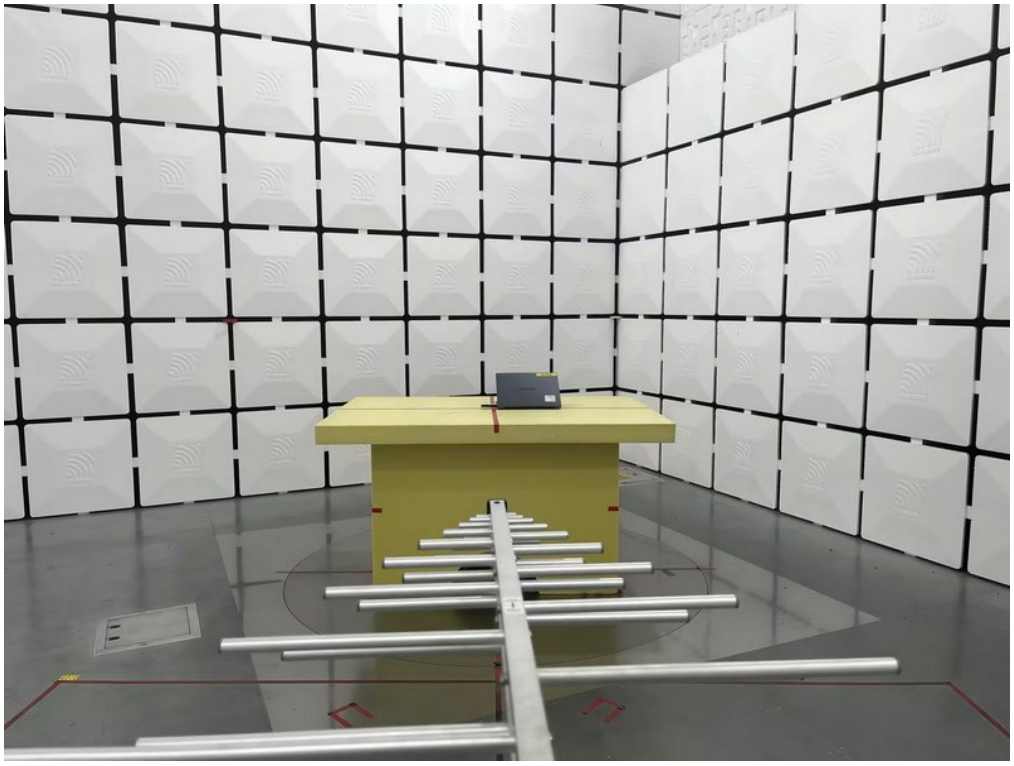
9 kHz to 30 MHz

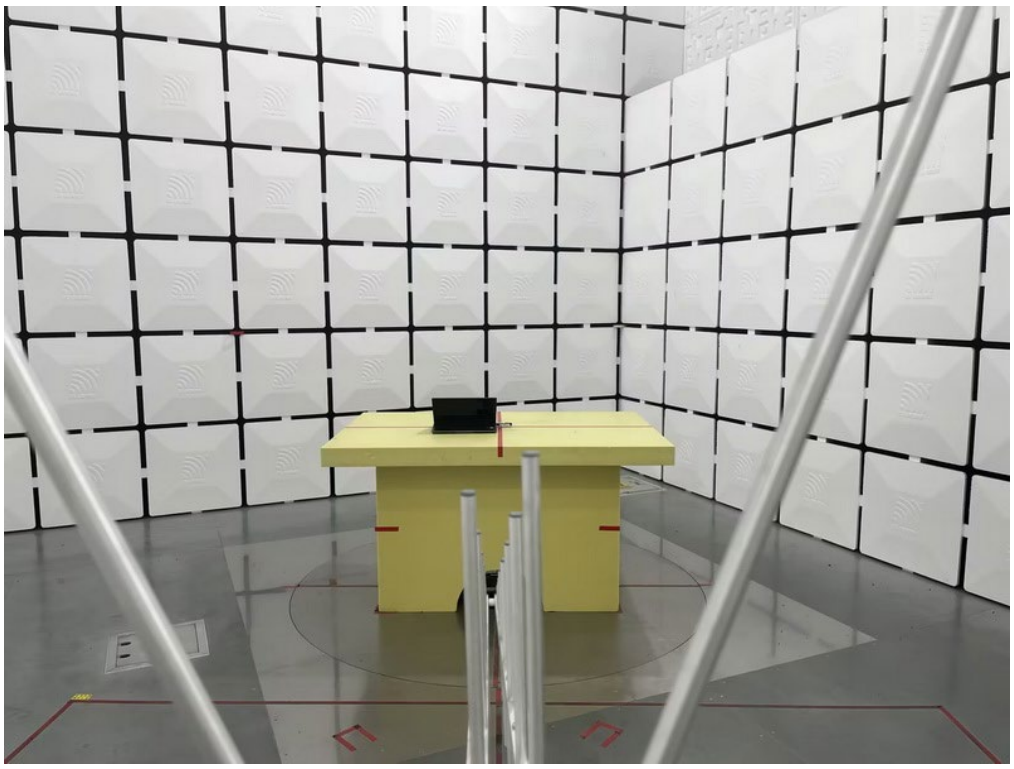




Radiated Emissions Test Photos

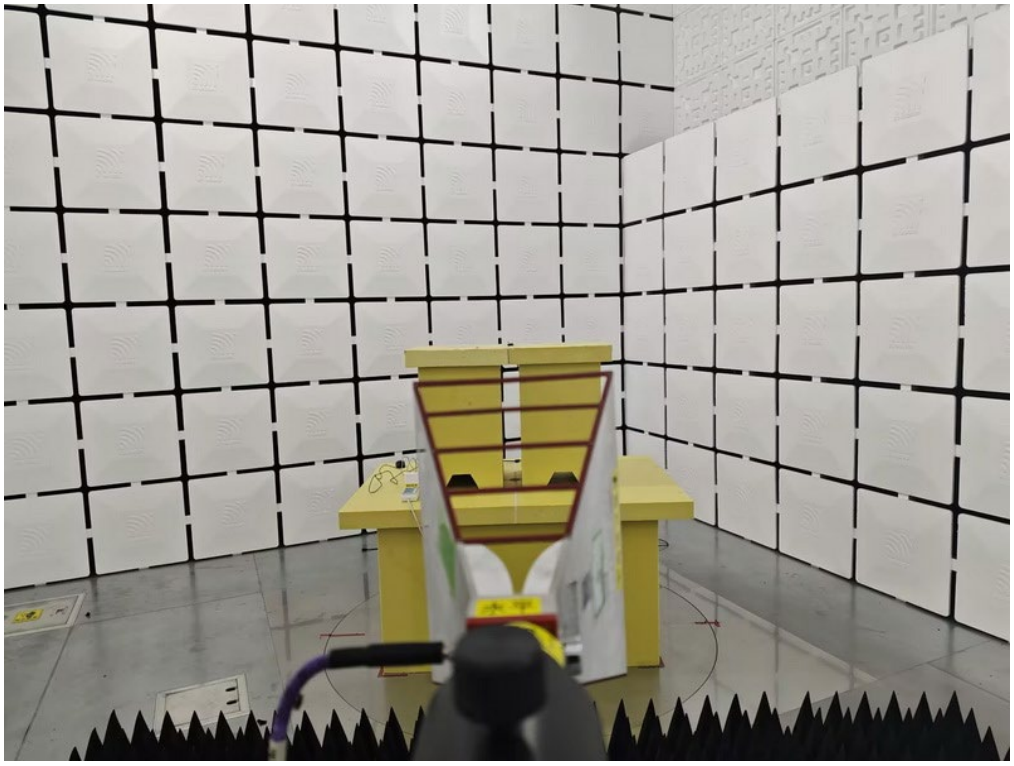
30 MHz to 1 GHz





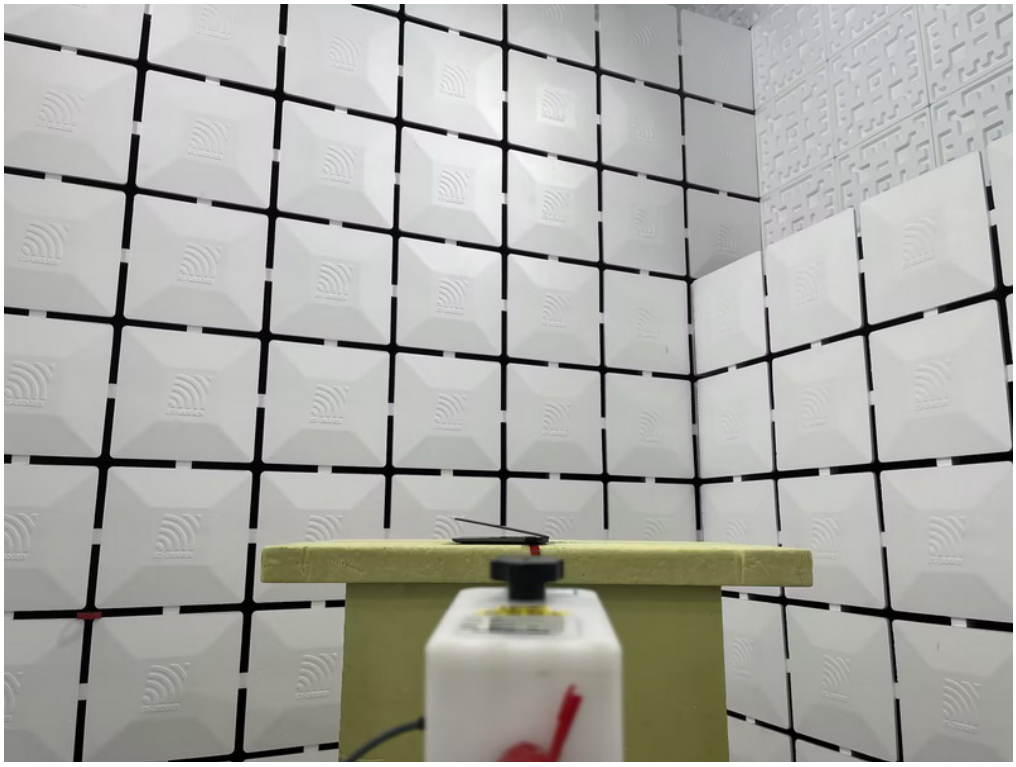
Radiated Emissions Test Photos

Band edge & Harmonic(1 GHz to 18 GHz)



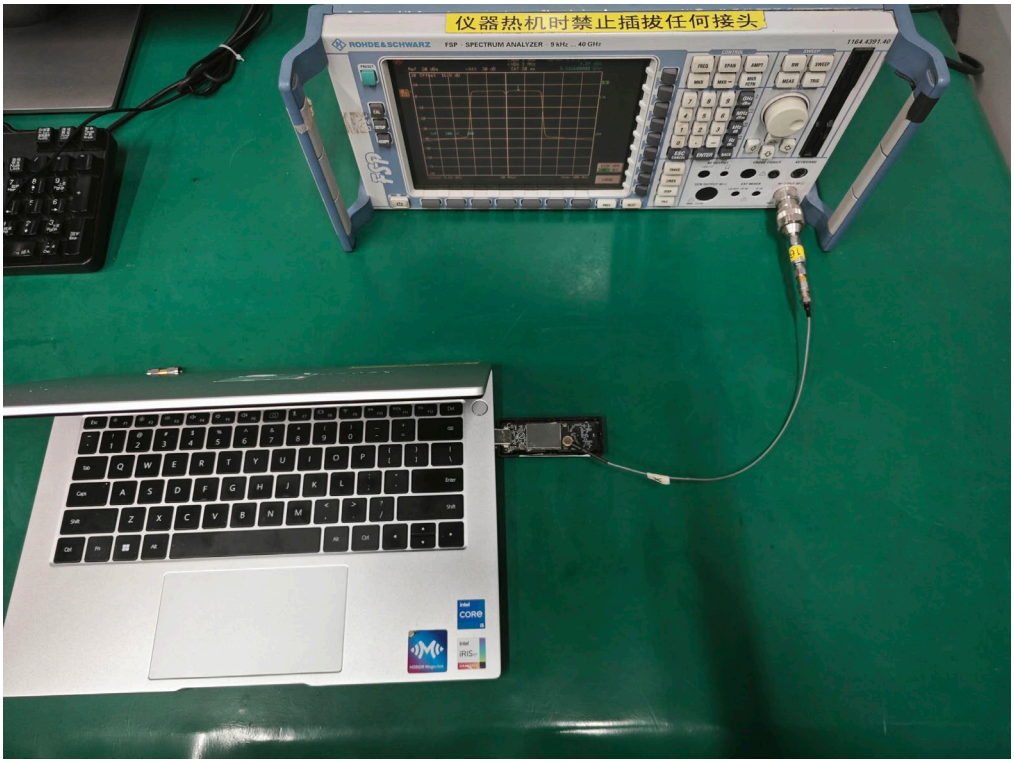
Radiated Emissions Test Photos

Harmonic(18 GHz to 40 GHz)



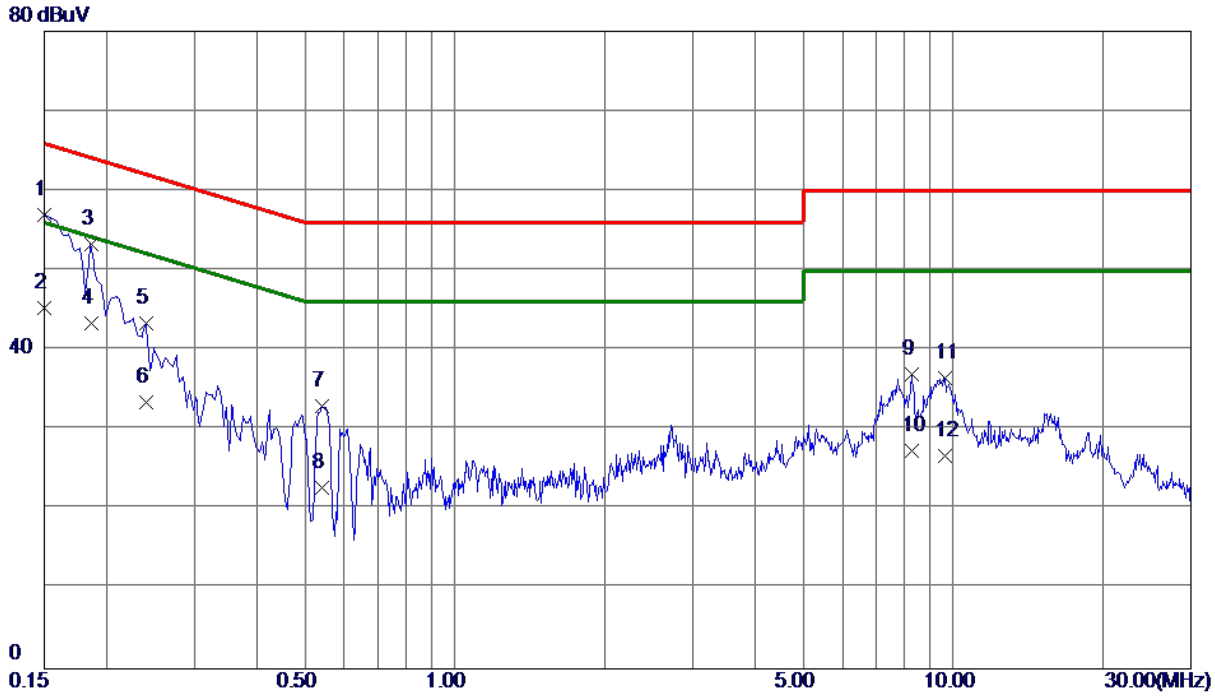
RF Radiated
FCC
Archer TBE650Ou(US) 1.6
2414OB
Del
F12

Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

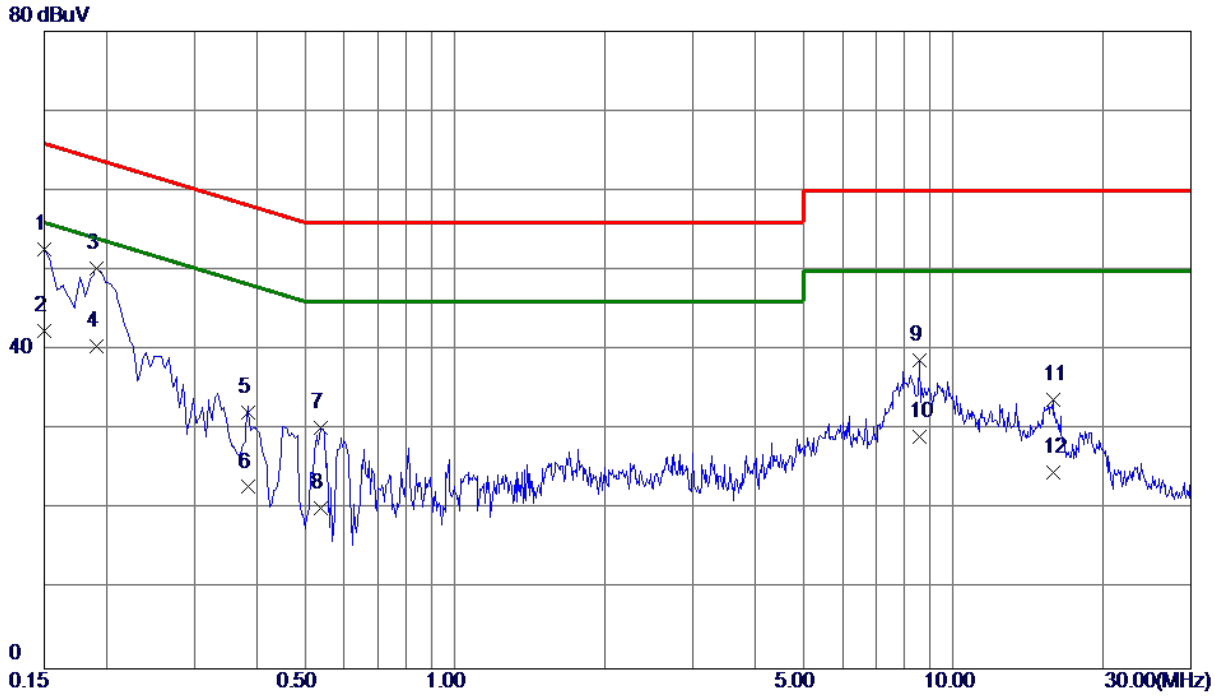
Test Mode	TX BE(EHT160) Mode Channel 111	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1500	47.12	9.90	57.02	66.00	-8.98	QP	
2	0.1500	35.39	9.90	45.29	56.00	-10.71	AVG	
3	0.1860	43.30	9.91	53.21	64.21	-11.00	QP	
4	0.1860	33.50	9.91	43.41	54.21	-10.80	AVG	
5	0.2400	33.45	9.90	43.35	62.10	-18.75	QP	
6	0.2400	23.50	9.90	33.40	52.10	-18.70	AVG	
7	0.5415	22.95	9.97	32.92	56.00	-23.08	QP	
8	0.5415	12.79	9.97	22.76	46.00	-23.24	AVG	
9	8.2770	25.43	11.50	36.93	60.00	-23.07	QP	
10	8.2770	15.90	11.50	27.40	50.00	-22.60	AVG	
11	9.6135	24.67	11.86	36.53	60.00	-23.47	QP	
12	9.6135	14.91	11.86	26.77	50.00	-23.23	AVG	

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

Test Mode	TX BE(EHT160) Mode Channel 111	Phase	Neutral

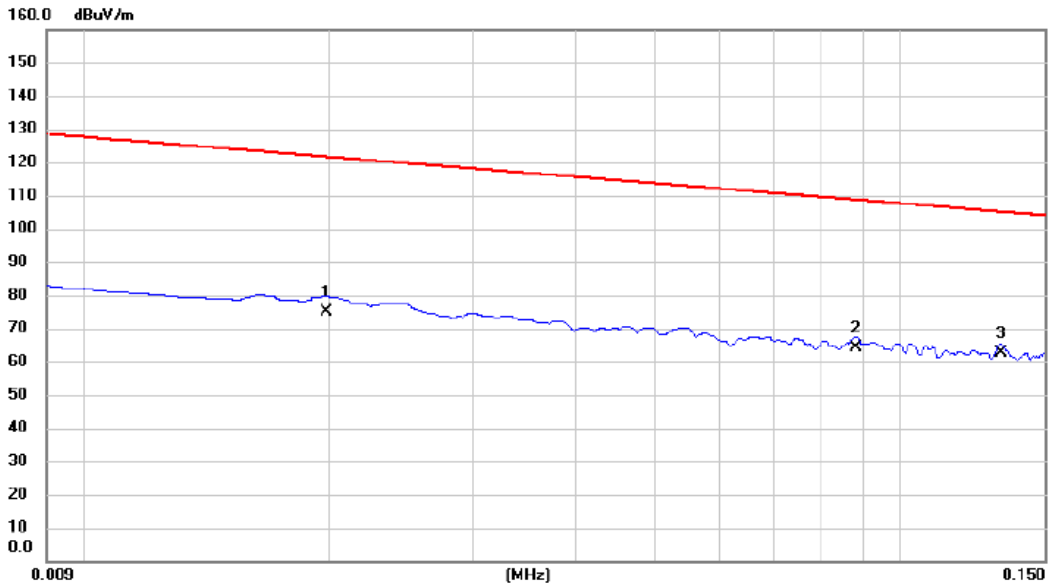


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1500	42.68	9.97	52.65	66.00	-13.35	QP	
2	0.1500	32.50	9.97	42.47	56.00	-13.53	AVG	
3	0.1905	40.30	9.97	50.27	64.01	-13.74	QP	
4	0.1905	30.50	9.97	40.47	54.01	-13.54	AVG	
5	0.3852	22.15	10.00	32.15	58.17	-26.02	QP	
6	0.3852	12.80	10.00	22.80	48.17	-25.37	AVG	
7	0.5370	20.17	10.04	30.21	56.00	-25.79	QP	
8	0.5370	10.09	10.04	20.13	46.00	-25.87	AVG	
9	8.5605	27.18	11.58	38.76	60.00	-21.24	QP	
10	8.5605	17.60	11.58	29.18	50.00	-20.82	AVG	
11	15.8505	19.95	13.85	33.80	60.00	-26.20	QP	
12	15.8505	10.80	13.85	24.65	50.00	-25.35	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

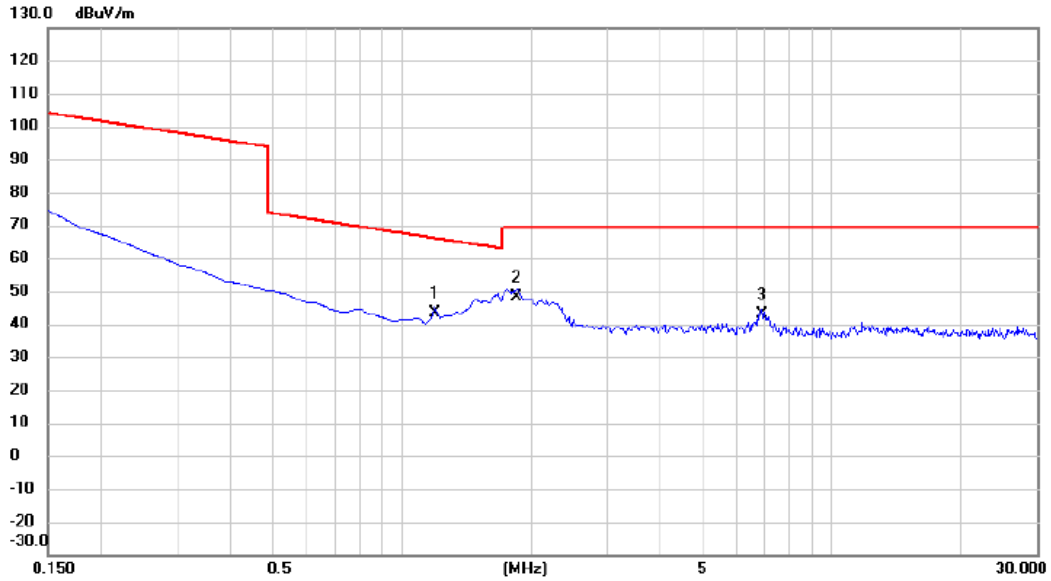
Test Mode	TX BE(EHT160) Mode Channel 111	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0198	54.32	20.83	75.15	121.67	-46.52	AVG	
2		0.0882	42.81	21.34	64.15	108.70	-44.55	AVG	
3	*	0.1326	41.13	21.29	62.42	105.16	-42.74	AVG	

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

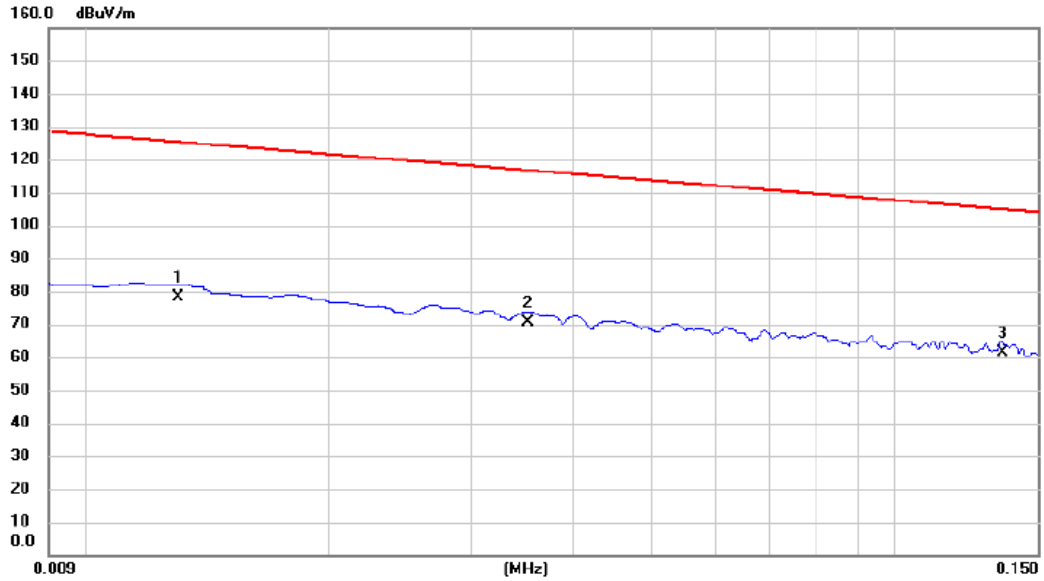
Test Mode	TX BE(EHT160) Mode Channel 111	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1.1947	22.34	21.18	43.52	66.06	-22.54	QP	
2	*	1.8514	27.06	21.12	48.18	69.54	-21.36	QP	
3		6.8961	21.68	21.13	42.81	69.54	-26.73	QP	

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

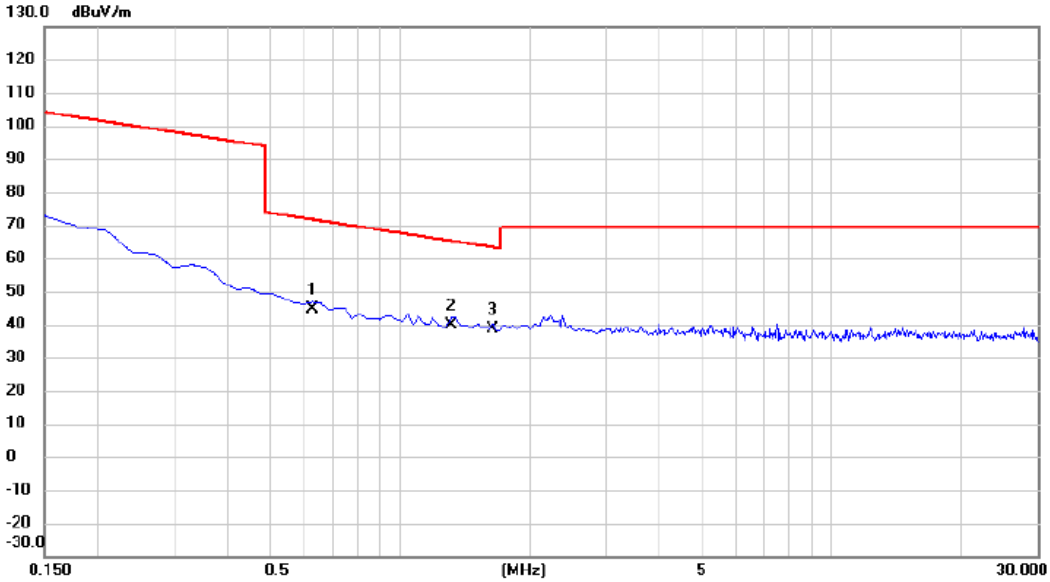
Test Mode	TX BE(EHT160) Mode Channel 111	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0130	57.48	20.63	78.11	125.33	-47.22	AVG	
2		0.0352	49.36	21.17	70.53	116.67	-46.14	AVG	
3	*	0.1356	40.03	21.29	61.32	104.96	-43.64	AVG	

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

Test Mode	TX BE(EHT160) Mode Channel 111	Polarization	Ant 90°

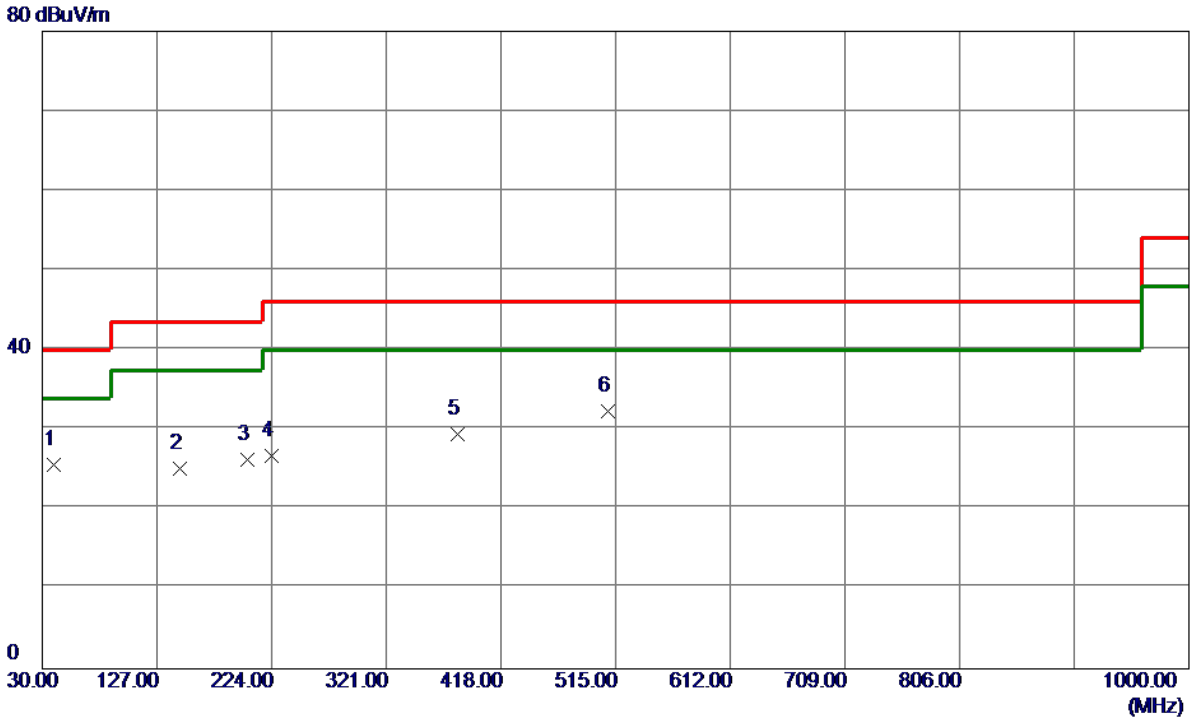


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.6276	23.43	21.10	44.53	71.65	-27.12	QP	
2		1.3141	18.54	21.17	39.71	65.23	-25.52	QP	
3	*	1.6425	17.32	21.15	38.47	63.29	-24.82	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

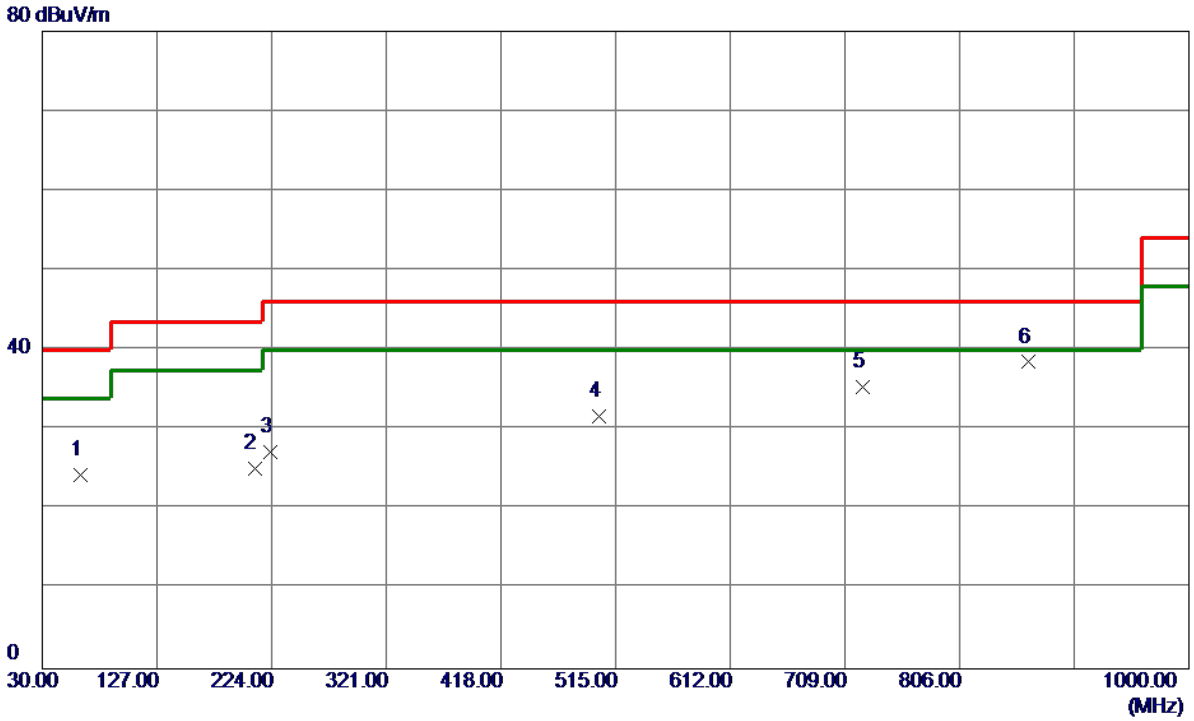
Test Mode	TX BE(EHT160) Mode Channel 111	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	39.7000	37.60	-11.94	25.66	40.00	-14.34	Peak	
2	146.4000	36.68	-11.54	25.14	43.50	-18.36	Peak	
3	203.6300	40.92	-14.66	26.26	43.50	-17.24	Peak	
4	224.0000	41.02	-14.32	26.70	46.00	-19.30	Peak	
5	381.1400	38.41	-8.98	29.43	46.00	-16.57	Peak	
6 *	508.2100	38.39	-6.14	32.25	46.00	-13.75	Peak	

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

Test Mode	TX BE(EHT160) Mode Channel 111	Polarization	Horizontal



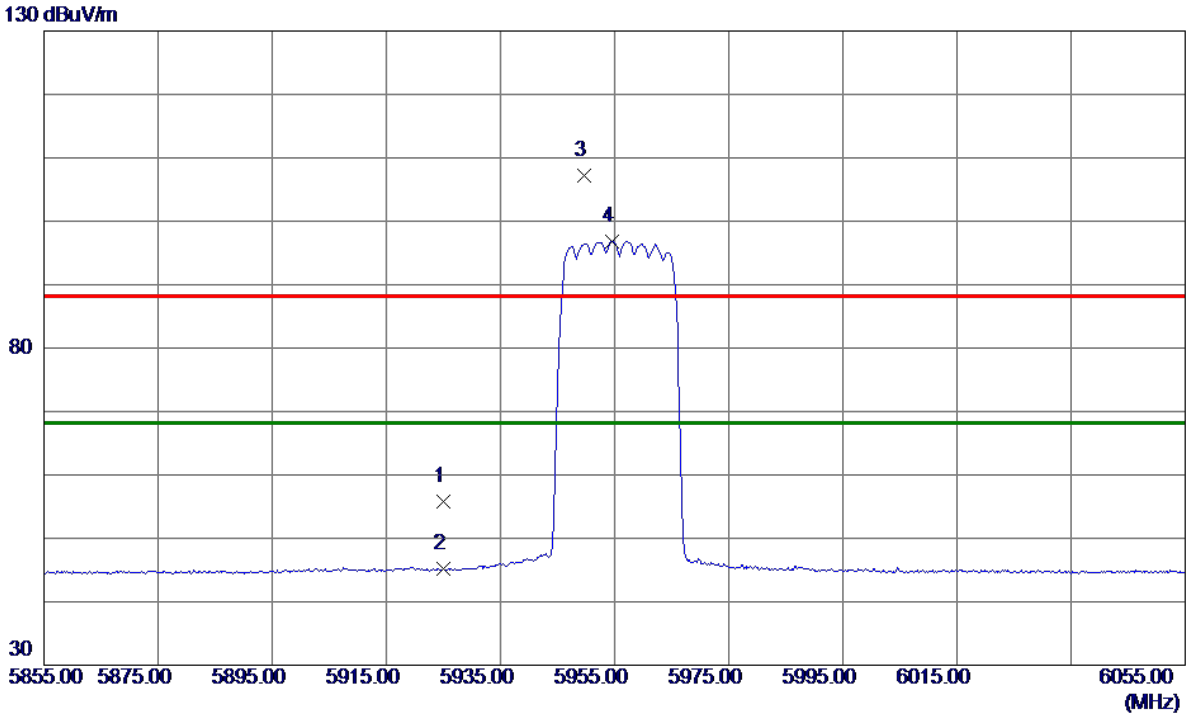
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	62.0100	36.60	-12.26	24.34	40.00	-15.66	Peak	
2	209.4500	39.76	-14.66	25.10	43.50	-18.40	Peak	
3	223.0300	41.57	-14.41	27.16	46.00	-18.84	Peak	
4	501.4200	37.92	-6.21	31.71	46.00	-14.29	Peak	
5	724.5200	37.49	-2.12	35.37	46.00	-10.63	Peak	
6 *	864.2000	38.90	-0.42	38.48	46.00	-7.52	Peak	

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

NSS2

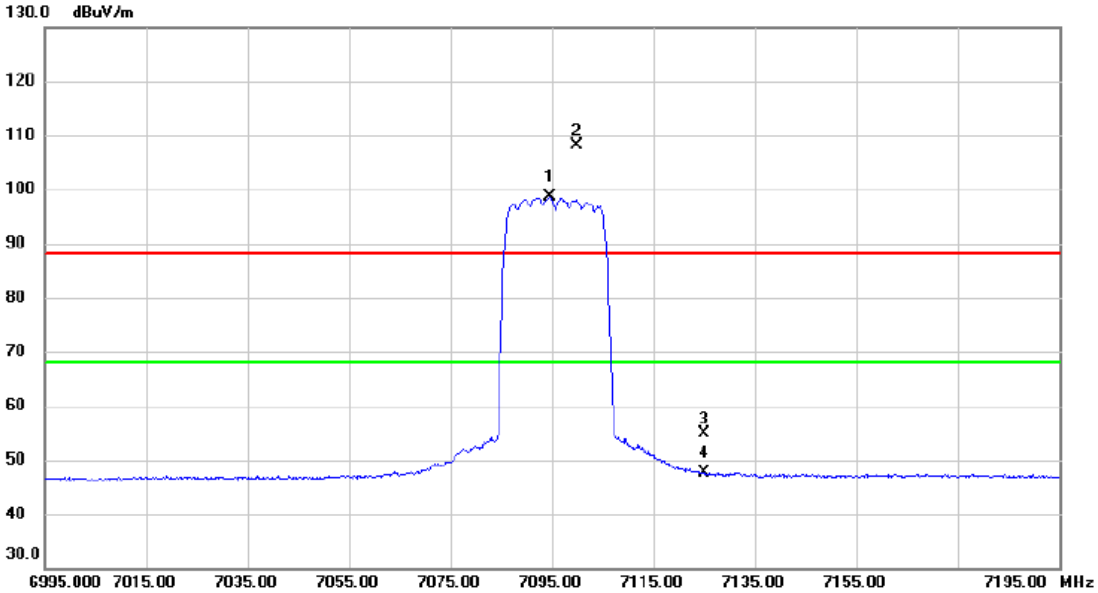
Test Mode	UNII-5_TX AX20 Mode 5955 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5925.0000	40.38	15.33	55.71	88.20	-32.49	Peak	
2	5925.0000	29.89	15.33	45.22	68.20	-22.98	AVG	
3	5949.6000	91.83	15.38	107.21	88.20	19.01	Peak	No Limit
4 *	5954.6000	81.44	15.39	96.83	68.20	28.63	AVG	No Limit

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

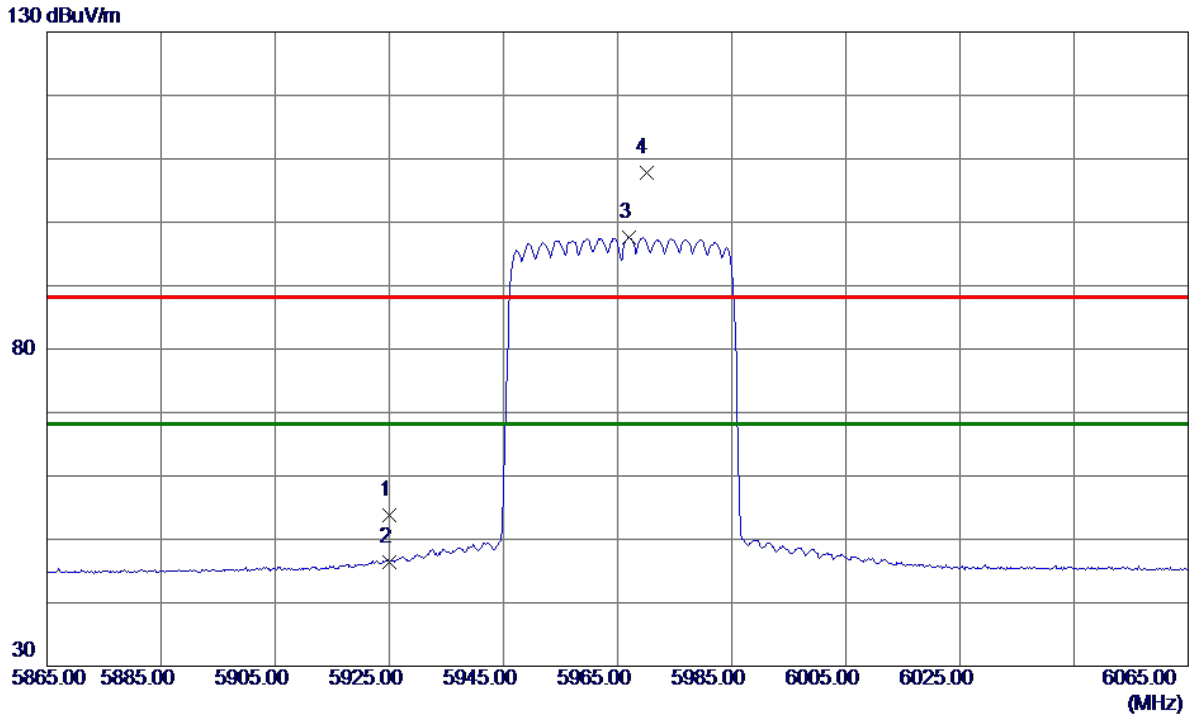
Test Mode	UNII-8_TX AX20 Mode 7095 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	7094.600	80.13	18.40	98.53	68.20	30.33	AVG	No Limit
2	X	7099.800	89.75	18.41	108.16	88.20	19.96	peak	No Limit
3		7125.000	36.53	18.43	54.96	88.20	-33.24	peak	
4		7125.000	29.31	18.43	47.74	68.20	-20.46	AVG	

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

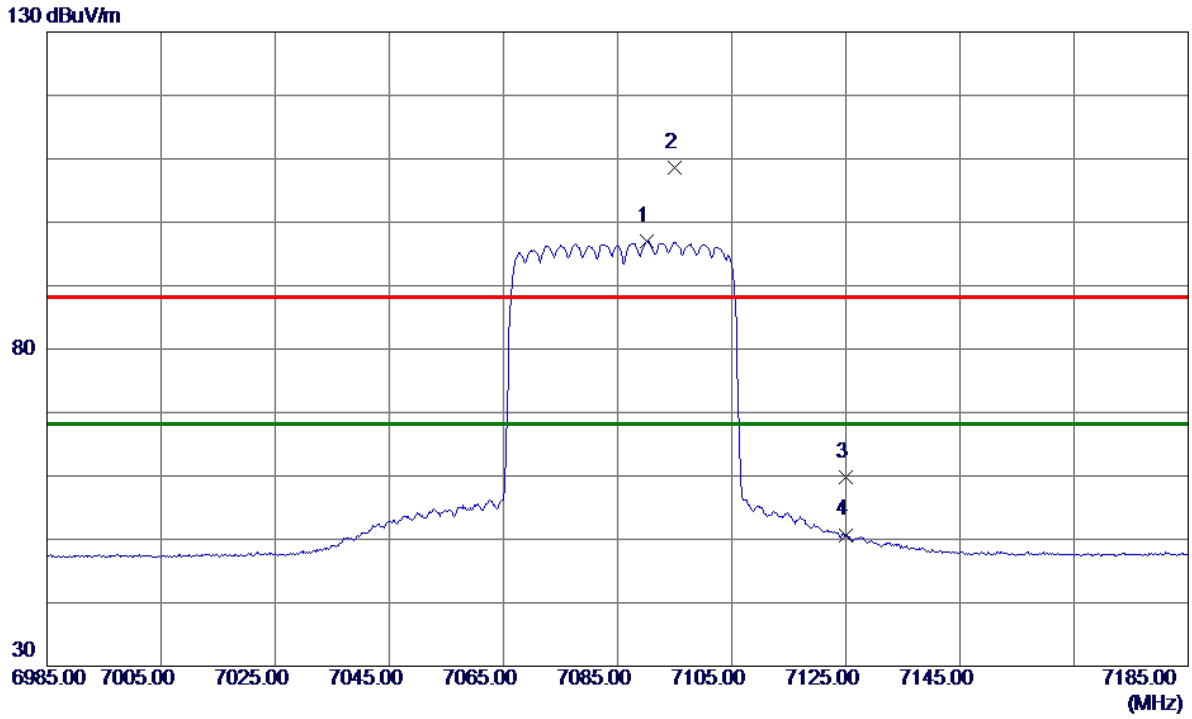
Test Mode	UNII-5_TX AX40 Mode 5965 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5925.0000	38.54	15.33	53.87	88.20	-34.33	Peak	
2	5925.0000	31.12	15.33	46.45	68.20	-21.75	AVG	
3 *	5967.0000	82.19	15.42	97.61	68.20	29.41	AVG	No Limit
4	5970.0000	92.29	15.43	107.72	88.20	19.52	Peak	No Limit

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

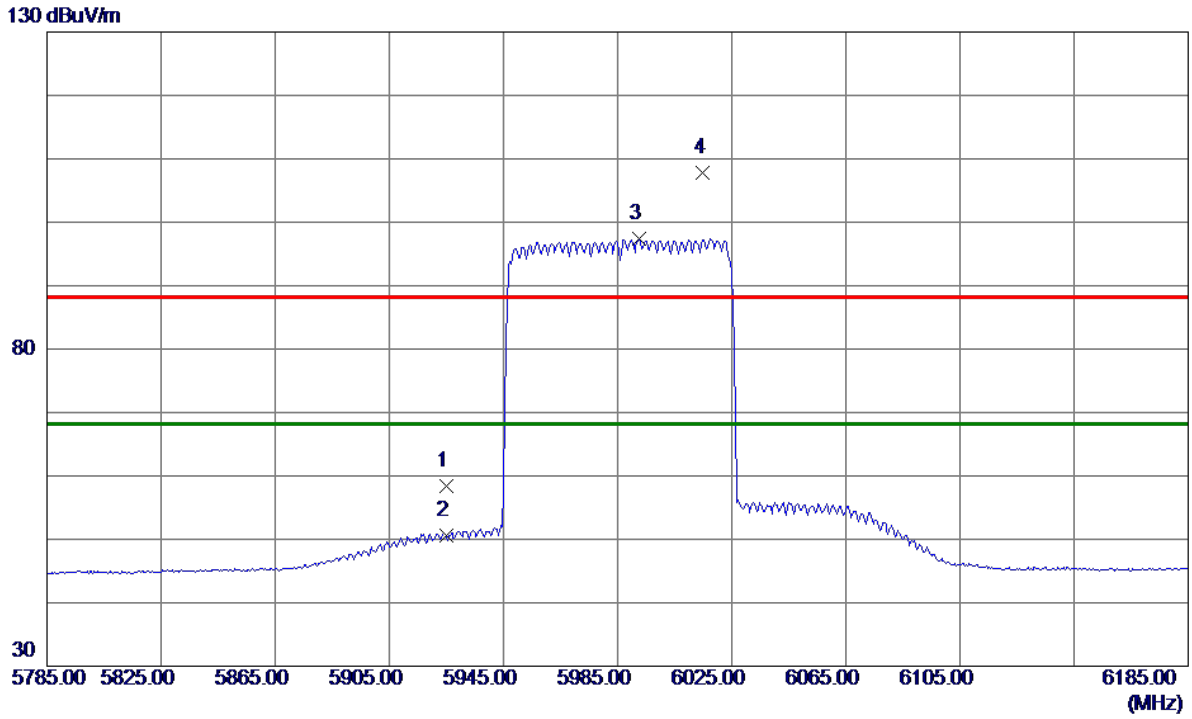
Test Mode	UNII-8_TX AX40 Mode 7085 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	7090.2000	78.68	18.39	97.07	68.20	28.87	AVG	No Limit
2	7095.0000	90.15	18.40	108.55	88.20	20.35	Peak	No Limit
3	7125.0000	41.29	18.43	59.72	88.20	-28.48	Peak	
4	7125.0000	32.27	18.43	50.70	68.20	-17.50	AVG	

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

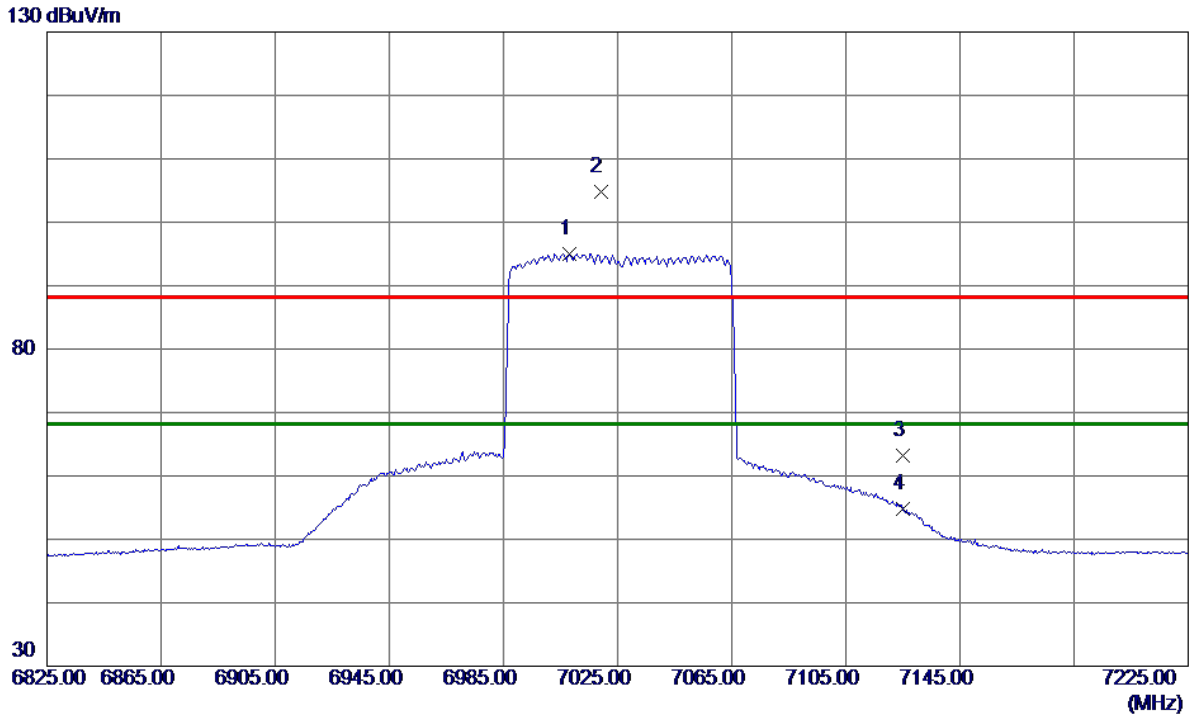
Test Mode	UNII-5_TX AX80 Mode 5985 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5925.0000	43.04	15.33	58.37	88.20	-29.83	Peak	
2	5925.0000	35.31	15.33	50.64	68.20	-17.56	AVG	
3 *	5992.6000	81.85	15.48	97.33	68.20	29.13	AVG	No Limit
4	6015.0000	92.16	15.57	107.73	88.20	19.53	Peak	No Limit

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

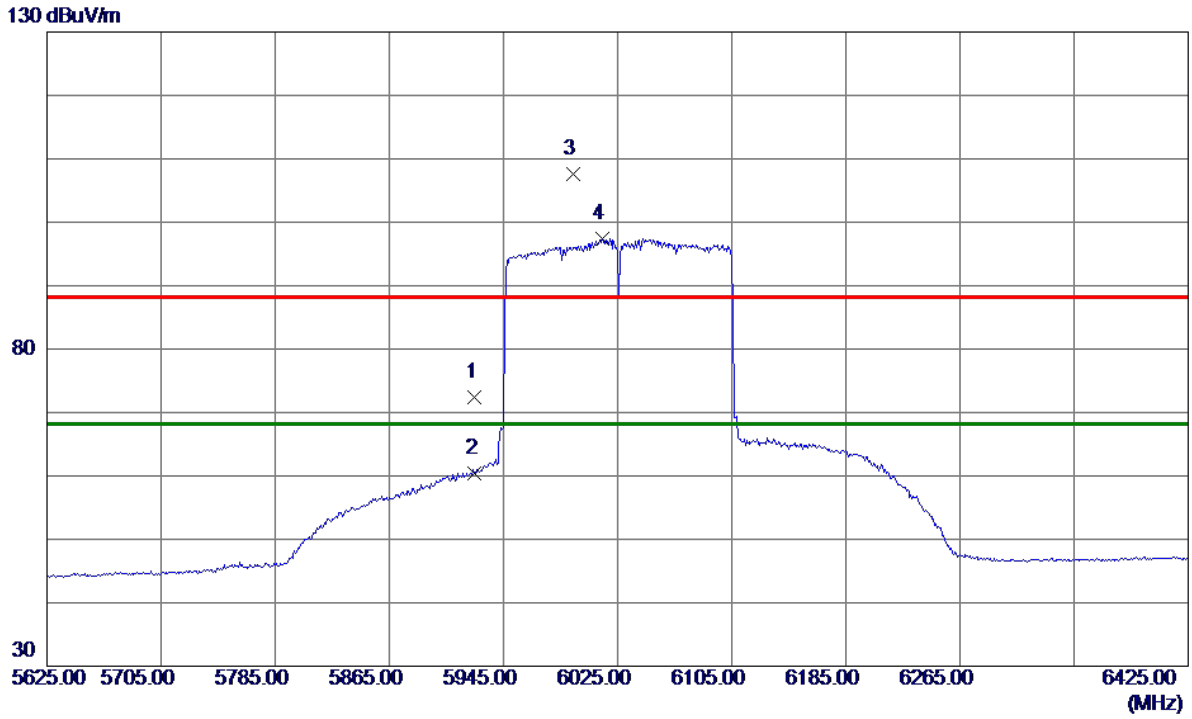
Test Mode	UNII-8_TX AX80 Mode 7025 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	7008.2000	76.76	18.31	95.07	68.20	26.87	AVG	No Limit
2	7019.0000	86.50	18.32	104.82	88.20	16.62	Peak	No Limit
3	7125.0000	44.78	18.43	63.21	88.20	-24.99	Peak	
4	7125.0000	36.37	18.43	54.80	68.20	-13.40	AVG	

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

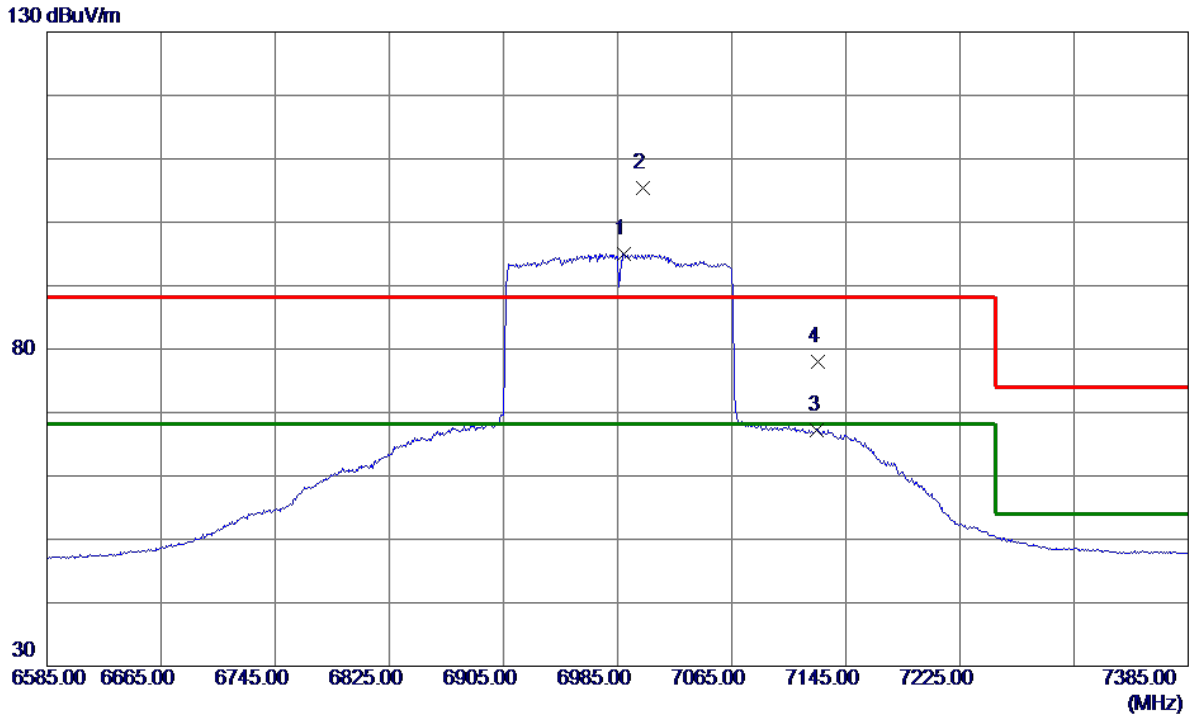
Test Mode	UNII-5_TX AX160 Mode 6025 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5925.0000	57.15	15.33	72.48	88.20	-15.72	Peak	
2	5925.0000	44.98	15.33	60.31	68.20	-7.89	AVG	
3	5993.8000	92.12	15.49	107.61	88.20	19.41	Peak	No Limit
4 *	6014.6000	81.92	15.56	97.48	68.20	29.28	AVG	No Limit

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

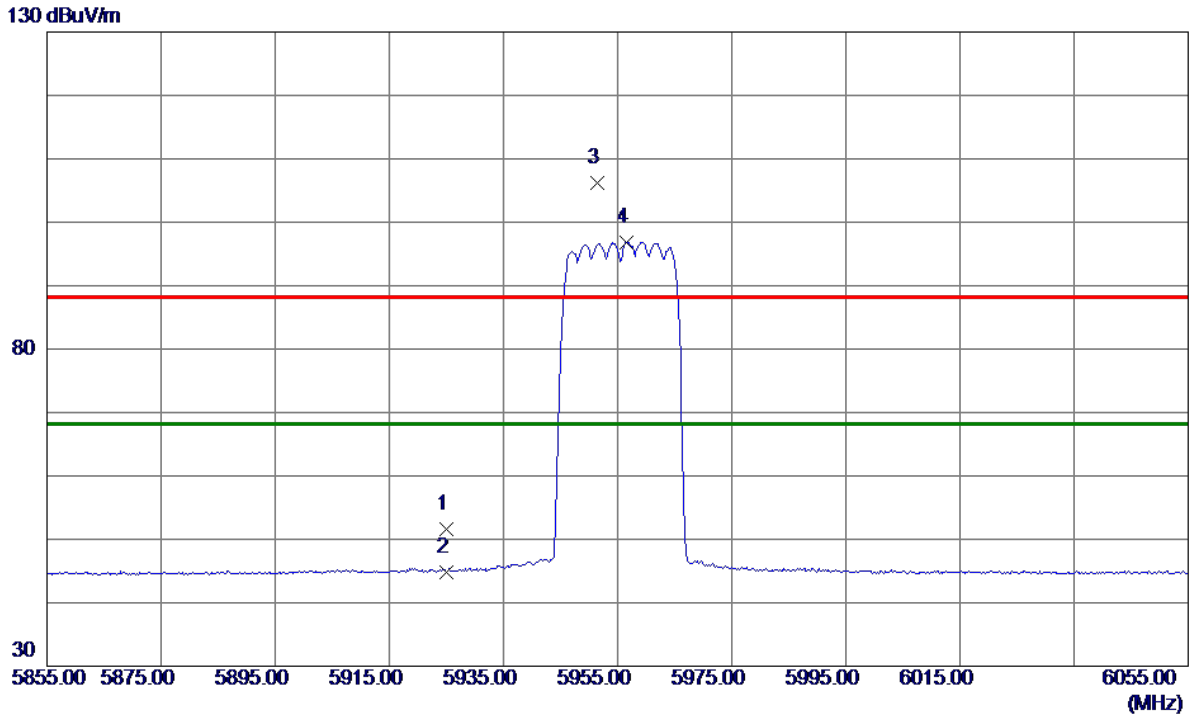
Test Mode	UNII-8_TX AX160 Mode 6985 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6989.8000	76.70	18.29	94.99	68.20	26.79	AVG	No Limit
2	7002.6000	87.12	18.30	105.42	88.20	17.22	Peak	No Limit
3	7125.0000	48.77	18.43	67.20	68.20	-1.00	AVG	
4	7125.8000	59.49	18.43	77.92	88.20	-10.28	Peak	

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

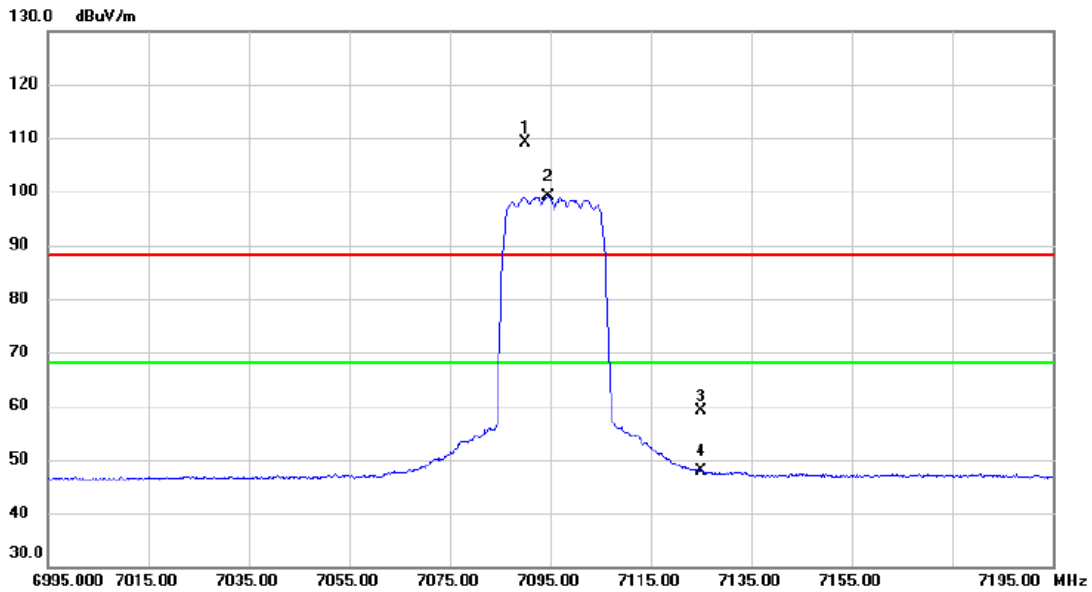
Test Mode	UNII-5_TX BE20 Mode 5955 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5925.0000	36.25	15.33	51.58	88.20	-36.62	Peak	
2	5925.0000	29.55	15.33	44.88	68.20	-23.32	AVG	
3	5951.4000	90.85	15.39	106.24	88.20	18.04	Peak	No Limit
4 *	5956.6000	81.40	15.40	96.80	68.20	28.60	AVG	No Limit

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

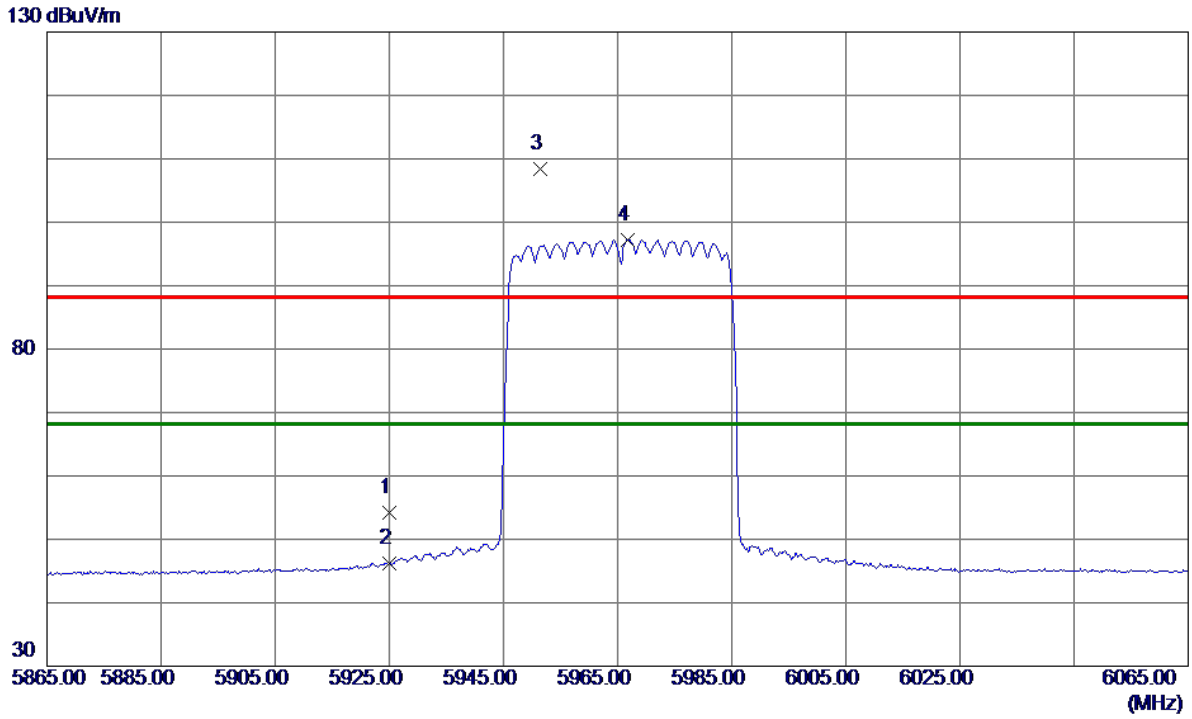
Test Mode	UNII-8_TX BE20 Mode 7095 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	7090.000	90.75	18.39	109.14	88.20	20.94	peak	No Limit
2	*	7094.600	80.71	18.40	99.11	68.20	30.91	AVG	No Limit
3		7125.000	40.71	18.43	59.14	88.20	-29.06	peak	
4		7125.000	29.38	18.43	47.81	68.20	-20.39	AVG	

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

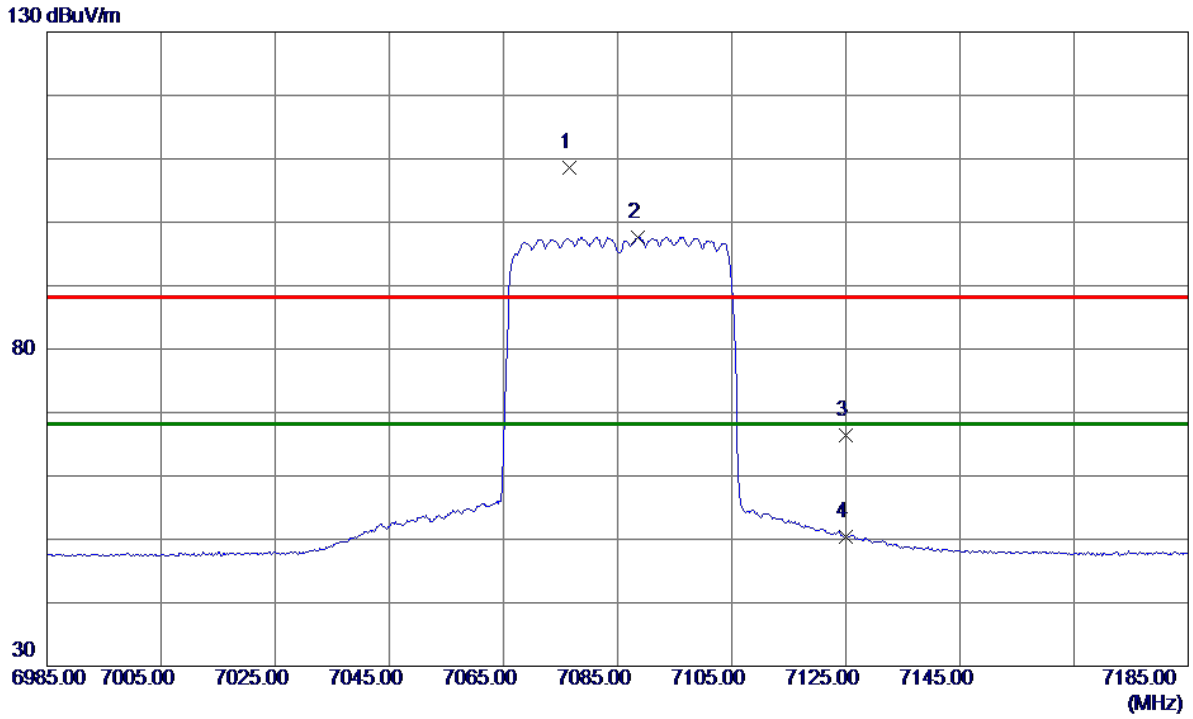
Test Mode	UNII-5_TX BE40 Mode 5965 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5925.0000	38.81	15.33	54.14	88.20	-34.06	Peak	
2	5925.0000	30.84	15.33	46.17	68.20	-22.03	AVG	
3	5951.4000	93.05	15.39	108.44	88.20	20.24	Peak	No Limit
4 *	5966.8000	81.85	15.42	97.27	68.20	29.07	AVG	No Limit

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

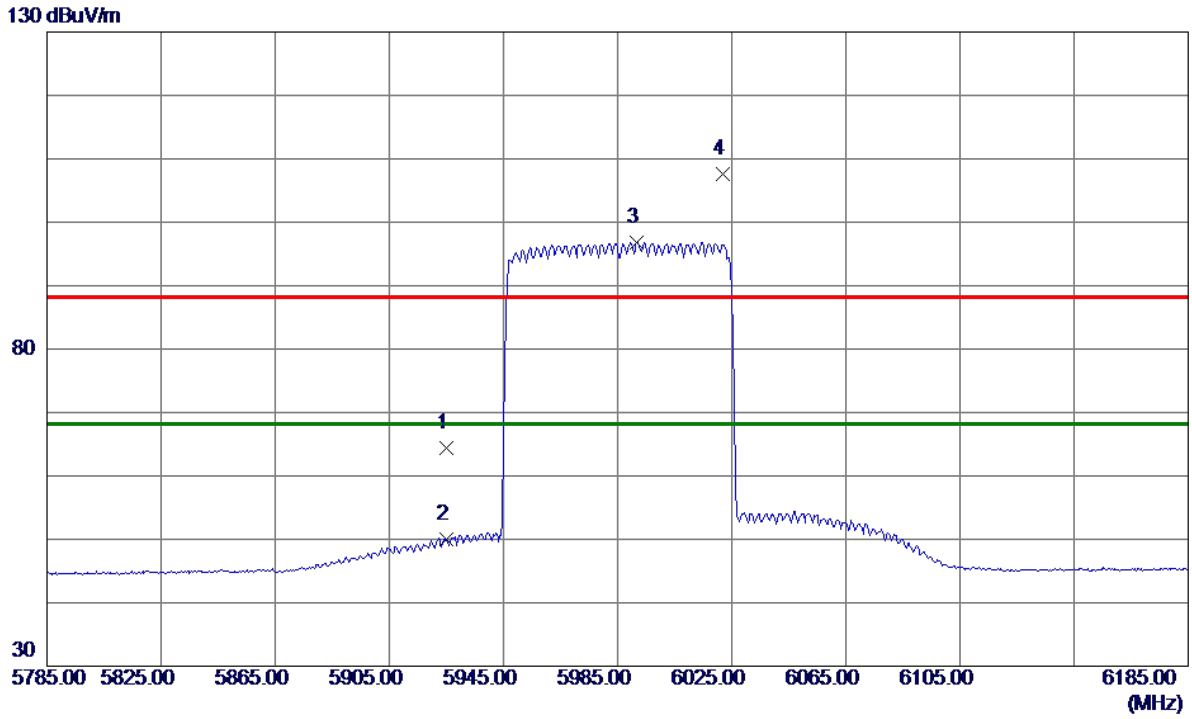
Test Mode	UNII-8_TX BE40 Mode 7085 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7076.6000	90.23	18.38	108.61	88.20	20.41	Peak	No Limit
2 *	7088.6000	79.28	18.39	97.67	68.20	29.47	AVG	No Limit
3	7125.0000	47.98	18.43	66.41	88.20	-21.79	Peak	
4	7125.0000	31.91	18.43	50.34	68.20	-17.86	AVG	

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

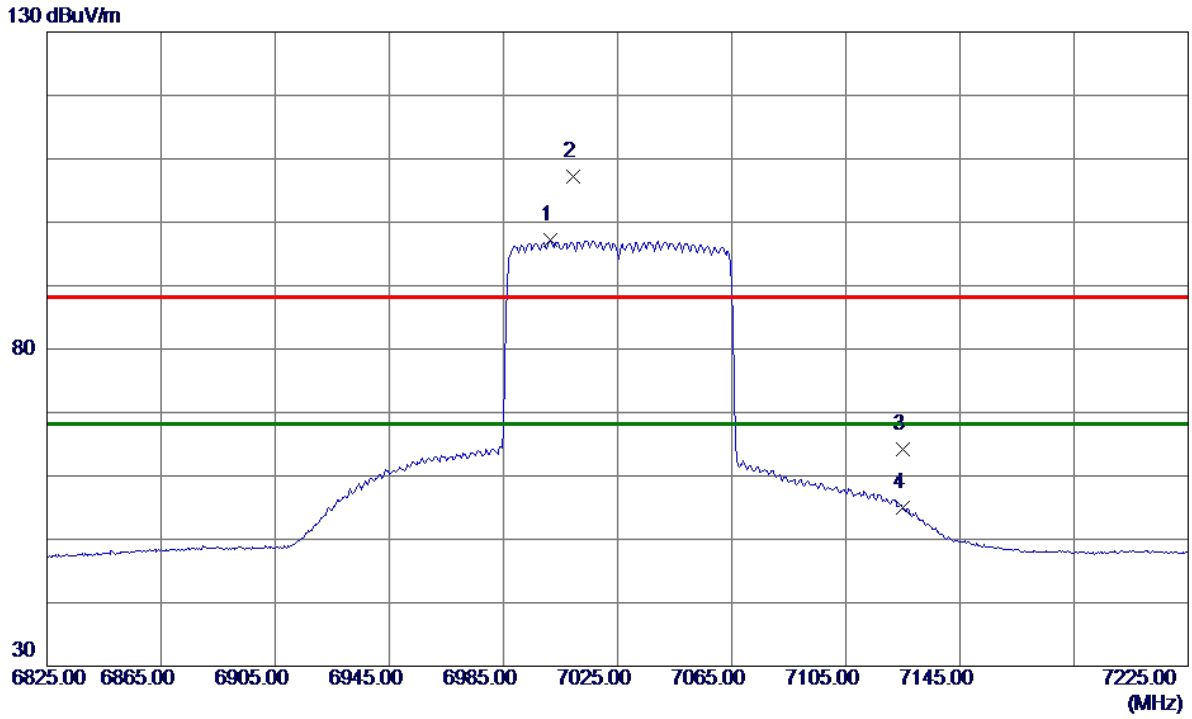
Test Mode	UNII-5_TX BE80 Mode 5985 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5925.0000	49.13	15.33	64.46	88.20	-23.74	Peak	
2	5925.0000	34.63	15.33	49.96	68.20	-18.24	AVG	
3 *	5991.8000	81.38	15.48	96.86	68.20	28.66	AVG	No Limit
4	6021.8000	91.92	15.60	107.52	88.20	19.32	Peak	No Limit

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

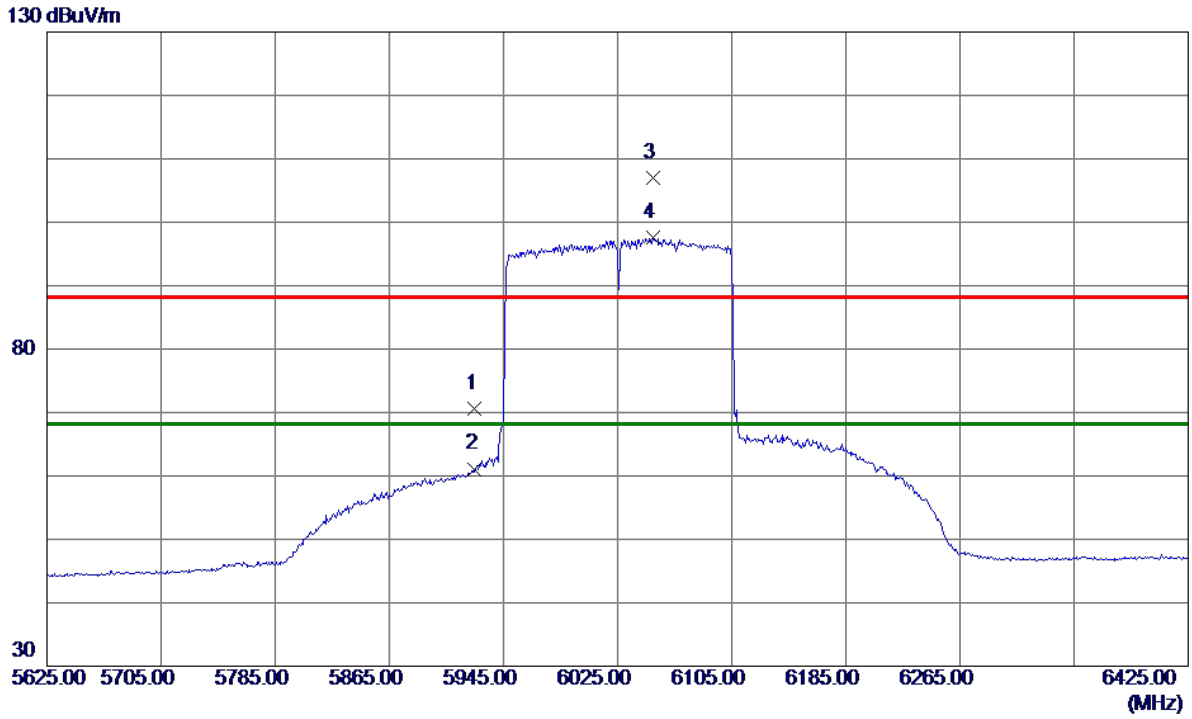
Test Mode	UNII-8_TX BE80 Mode 7025 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	7001.4000	78.83	18.30	97.13	68.20	28.93	AVG	No Limit
2	7009.4000	88.81	18.31	107.12	88.20	18.92	Peak	No Limit
3	7125.0000	45.77	18.43	64.20	88.20	-24.00	Peak	
4	7125.0000	36.48	18.43	54.91	68.20	-13.29	AVG	

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

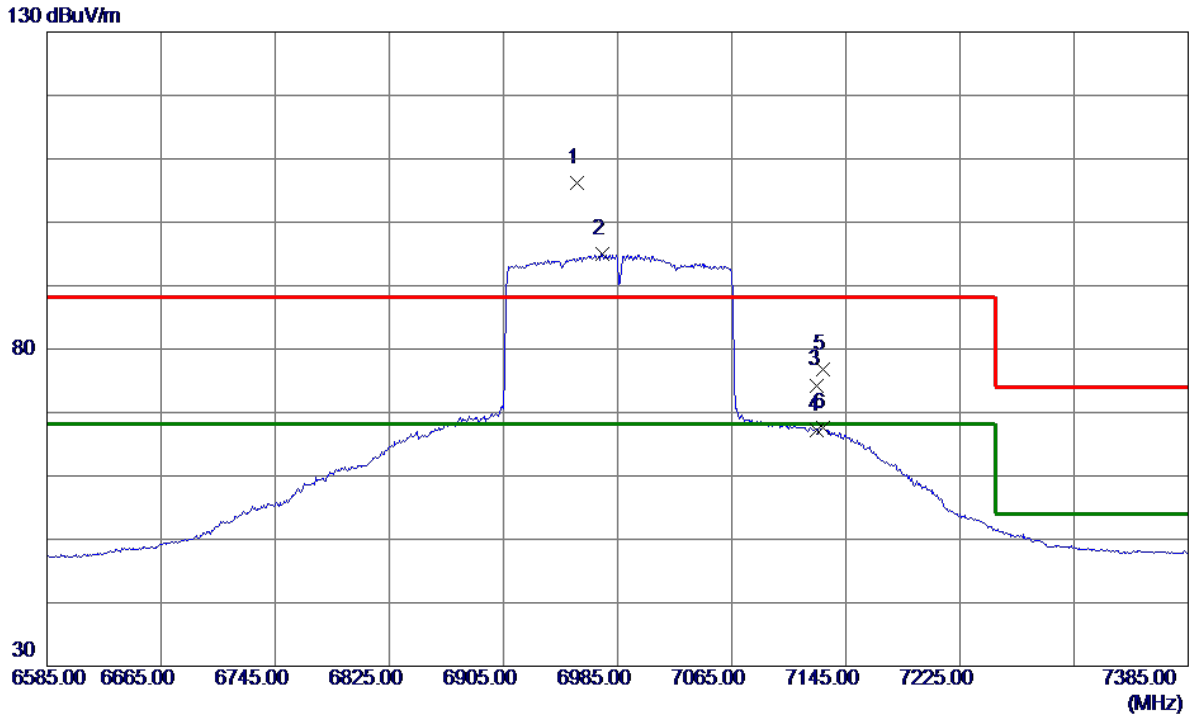
Test Mode	UNII-5_TX BE160 Mode 6025 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5925.0000	55.36	15.33	70.69	88.20	-17.51	Peak	
2	5925.0000	45.77	15.33	61.10	68.20	-7.10	AVG	
3	6049.8000	91.33	15.72	107.05	88.20	18.85	Peak	No Limit
4 *	6049.8000	81.83	15.72	97.55	68.20	29.35	AVG	No Limit

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

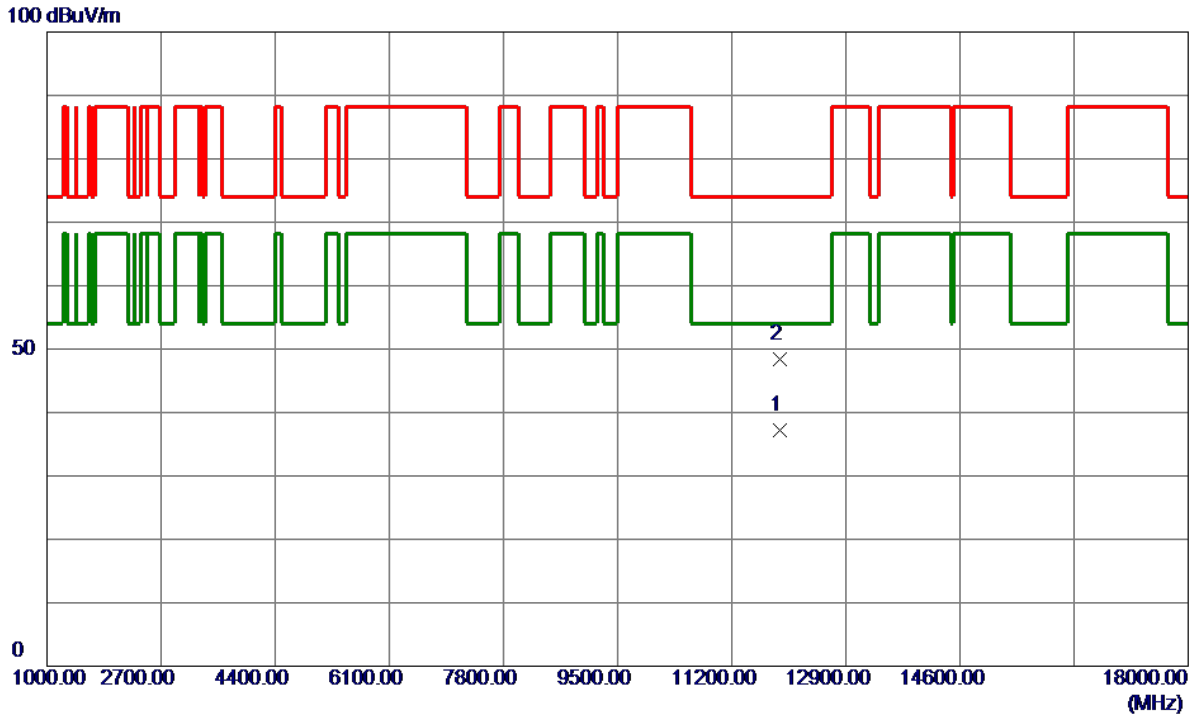
Test Mode	UNII-8_TX BE160 Mode 6985 MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6956.2000	88.02	18.25	106.27	88.20	18.07	Peak	No Limit
2 *	6974.6000	76.78	18.27	95.05	68.20	26.85	AVG	No Limit
3	7125.0000	55.87	18.43	74.30	88.20	-13.90	Peak	
4	7125.0000	48.77	18.43	67.20	68.20	-1.00	AVG	
5	7129.0000	58.28	18.43	76.71	88.20	-11.49	Peak	
6	7129.0000	49.13	18.43	67.56	68.20	-0.64	AVG	

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

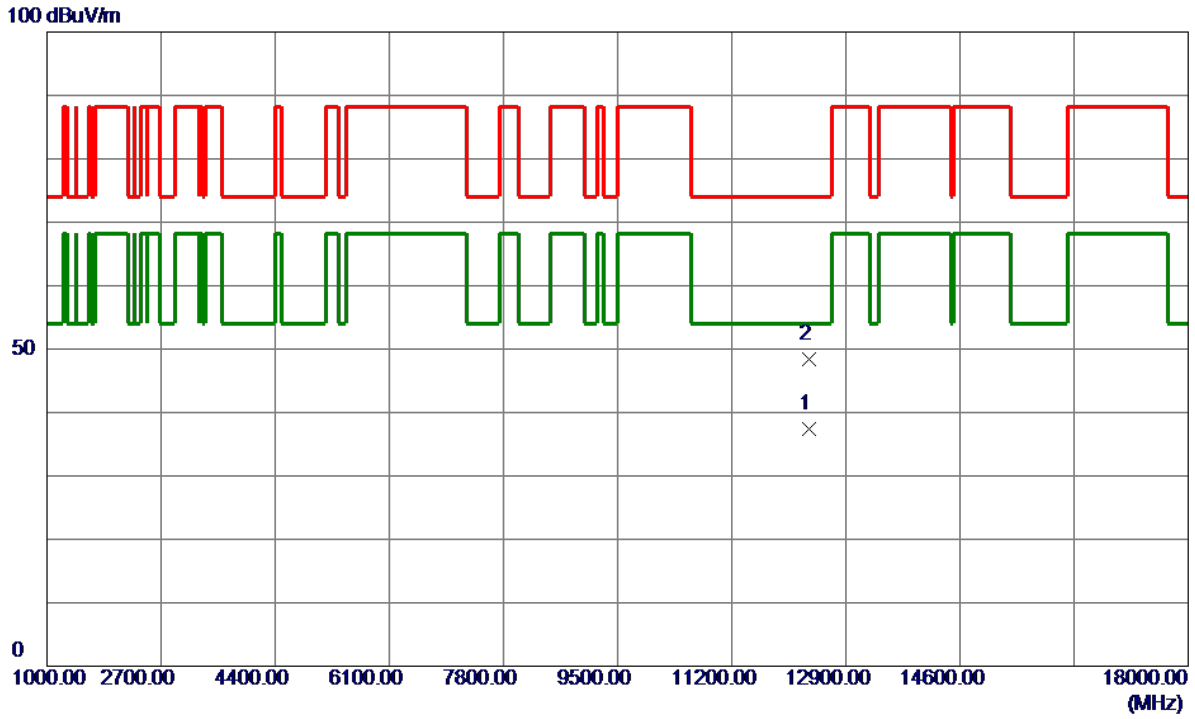
Test Mode	UNII-5_TX AX20 Mode 5955 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11911.4600	26.14	11.04	37.18	54.00	-16.82	AVG	
2	11915.3800	37.31	11.04	48.35	74.00	-25.65	Peak	

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

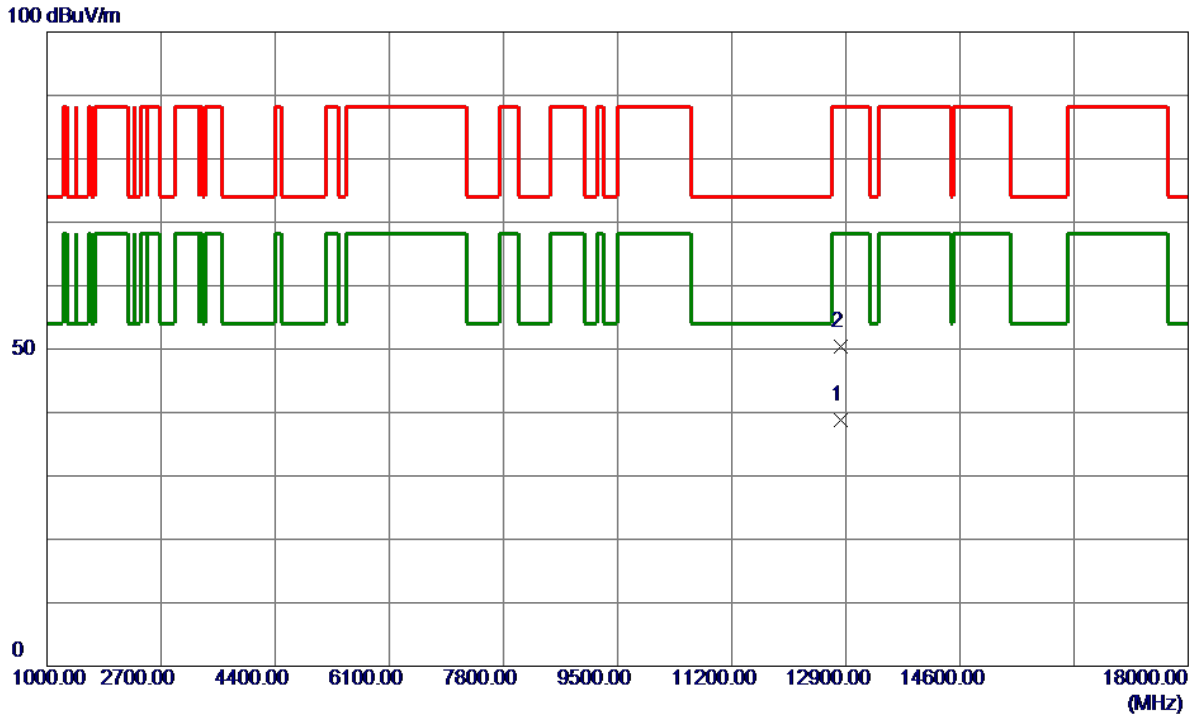
Test Mode	UNII-5_TX AX20 Mode 6175 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12346.9800	26.18	11.18	37.36	54.00	-16.64	AVG	
2	12359.1400	37.28	11.19	48.47	74.00	-25.53	Peak	

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

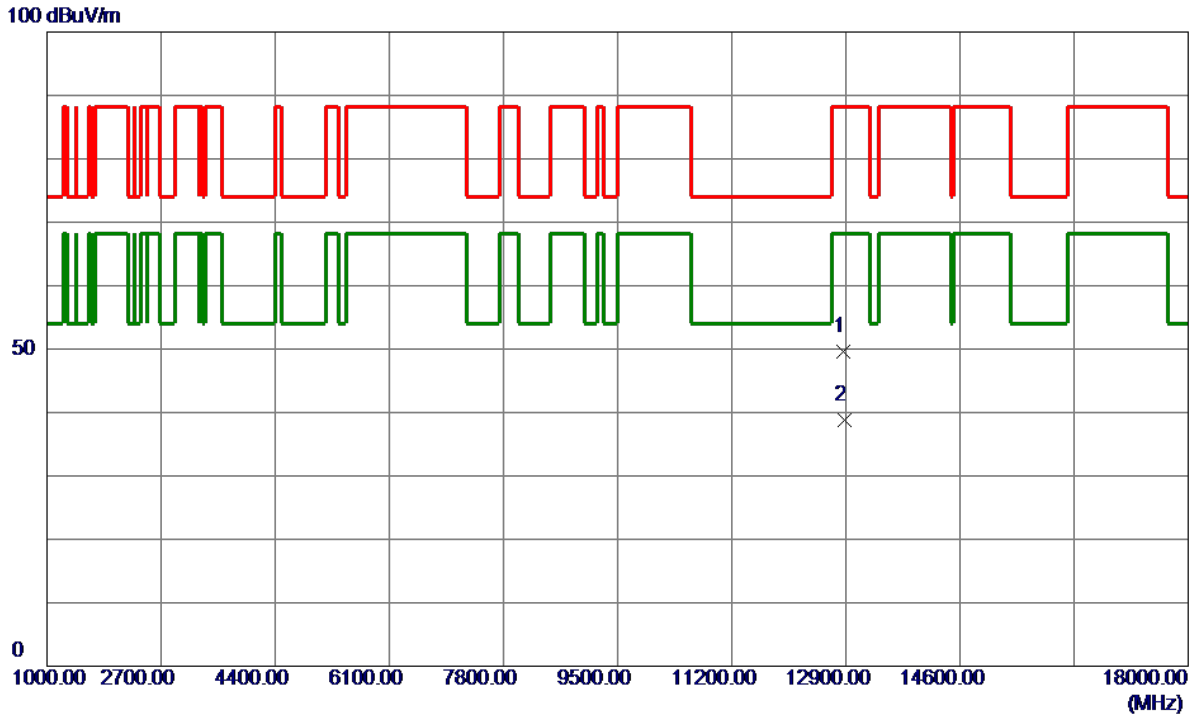
Test Mode	UNII-5_TX AX20 Mode 6415 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12827.6400	27.37	11.41	38.78	68.20	-29.42	AVG	
2	12833.0800	39.01	11.41	50.42	88.20	-37.78	Peak	

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

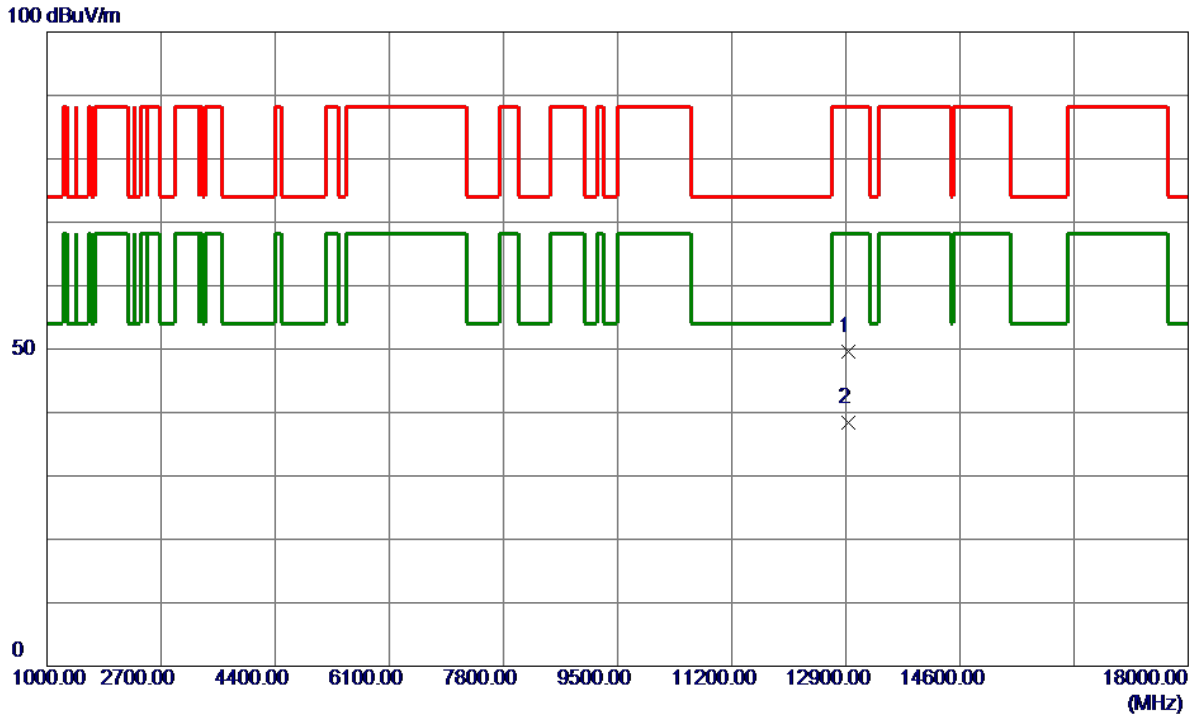
Test Mode	UNII-6_TX AX20 Mode 6435 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	12864.4600	38.22	11.43	49.65	88.20	-38.55	Peak	
2 *	12876.4000	27.30	11.43	38.73	68.20	-29.47	AVG	

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

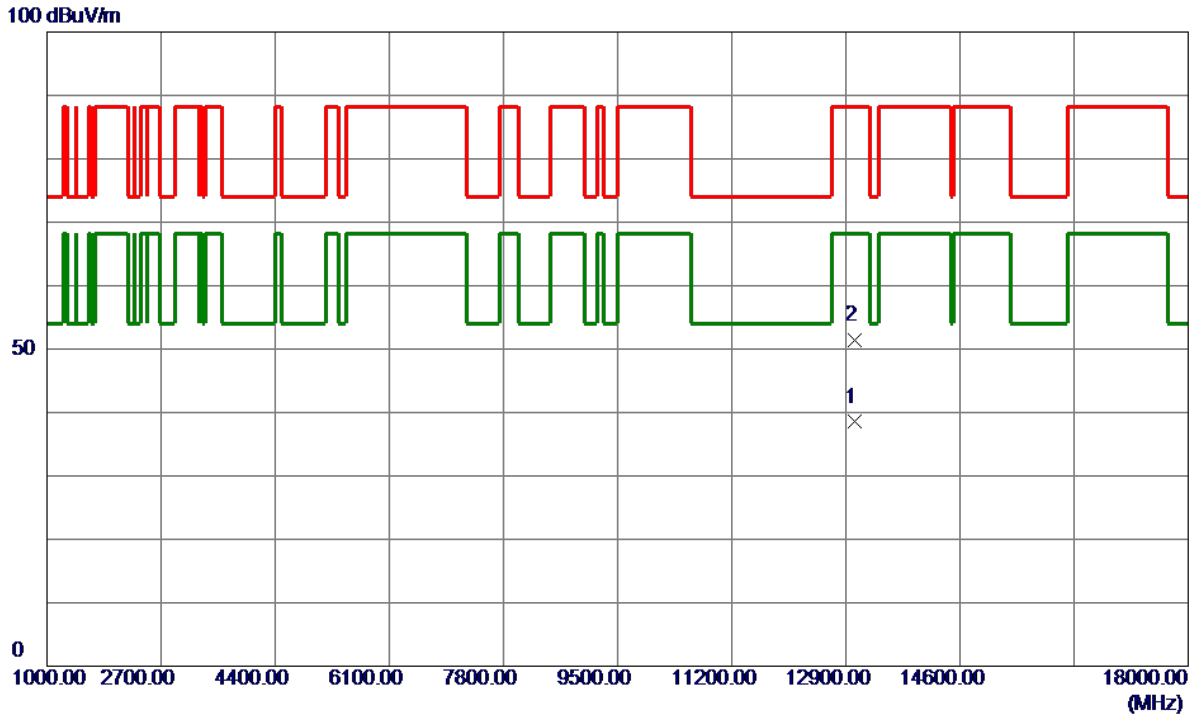
Test Mode	UNII-6_TX AX20 Mode 6475 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	12945.8200	38.09	11.46	49.55	88.20	-38.65	Peak	
2 *	12946.3400	27.02	11.47	38.49	68.20	-29.71	AVG	

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

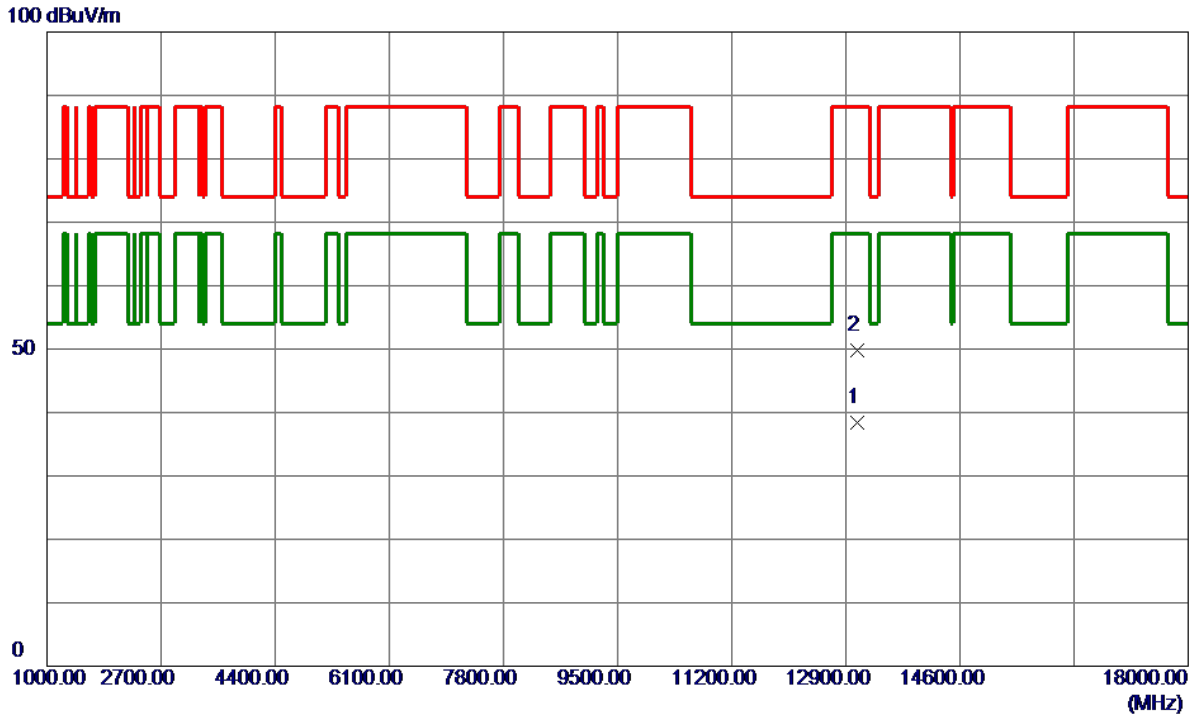
Test Mode	UNII-6_TX AX20 Mode 6515 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13033.1200	27.02	11.48	38.50	68.20	-29.70	AVG	
2	13033.8800	39.92	11.48	51.40	88.20	-36.80	Peak	

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

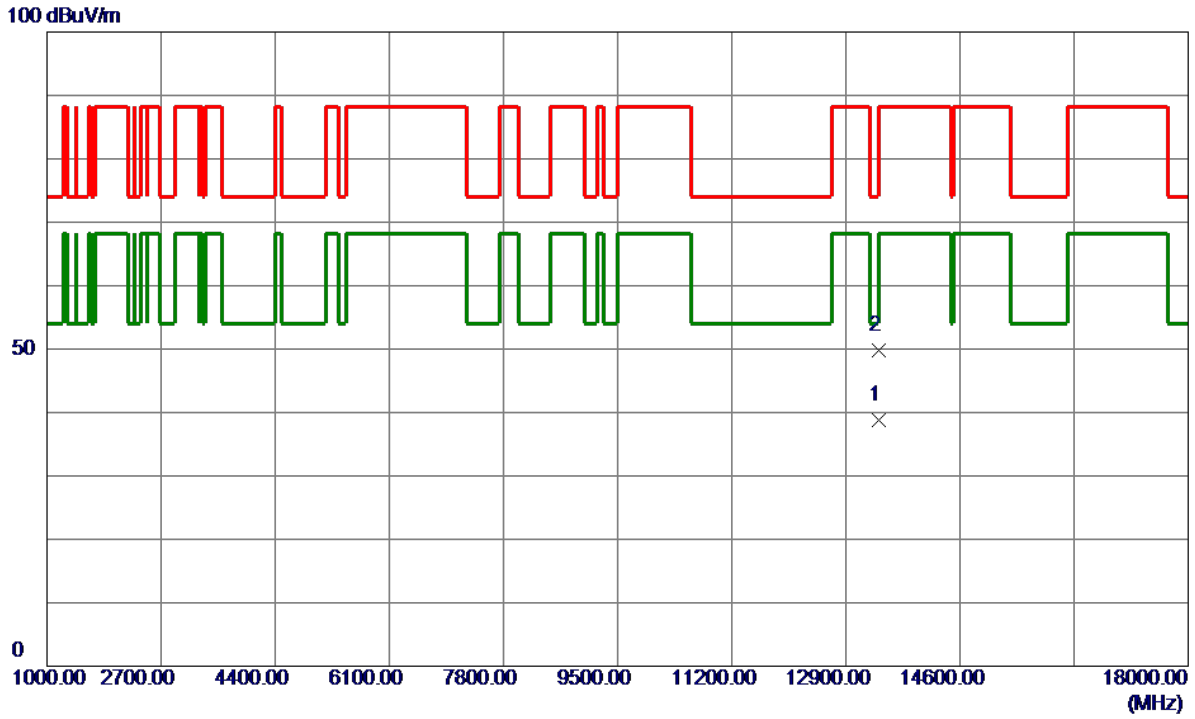
Test Mode	UNII-7_TX AX20 Mode 6535 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13064.0800	26.88	11.47	38.35	68.20	-29.85	AVG	
2	13072.2400	38.30	11.47	49.77	88.20	-38.43	Peak	

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

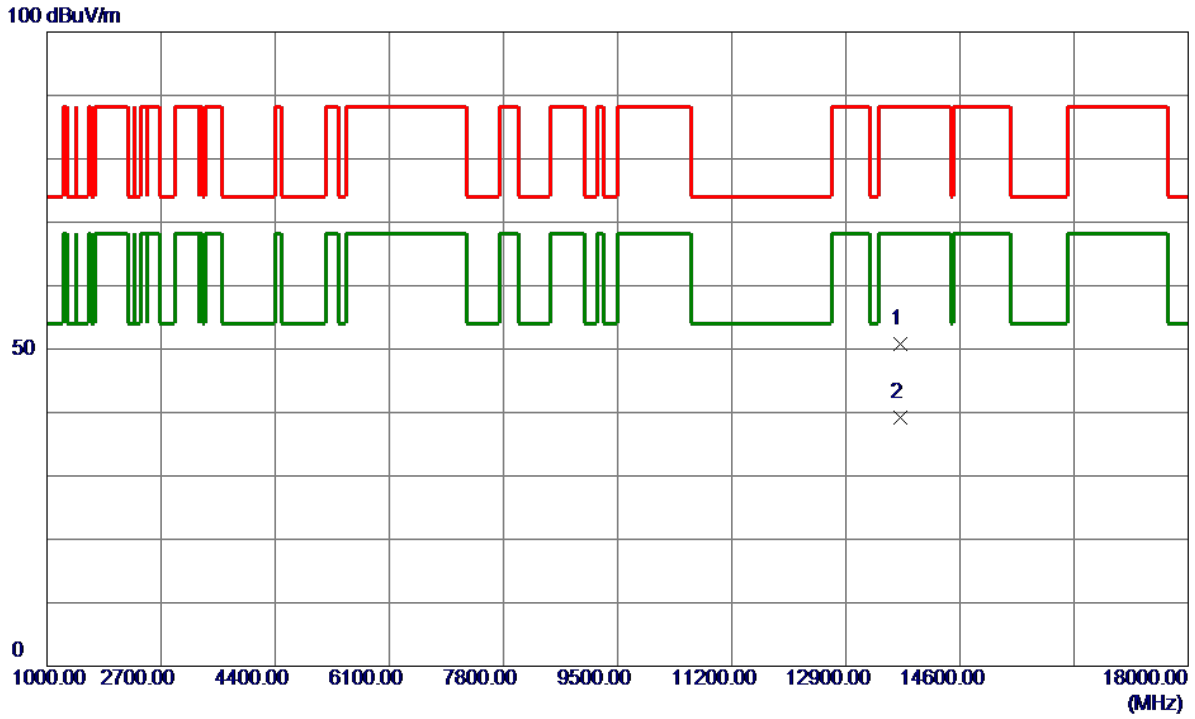
Test Mode	UNII-7_TX AX20 Mode 6695 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13384.6600	27.48	11.39	38.87	54.00	-15.13	AVG	
2	13399.4000	38.41	11.38	49.79	74.00	-24.21	Peak	

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

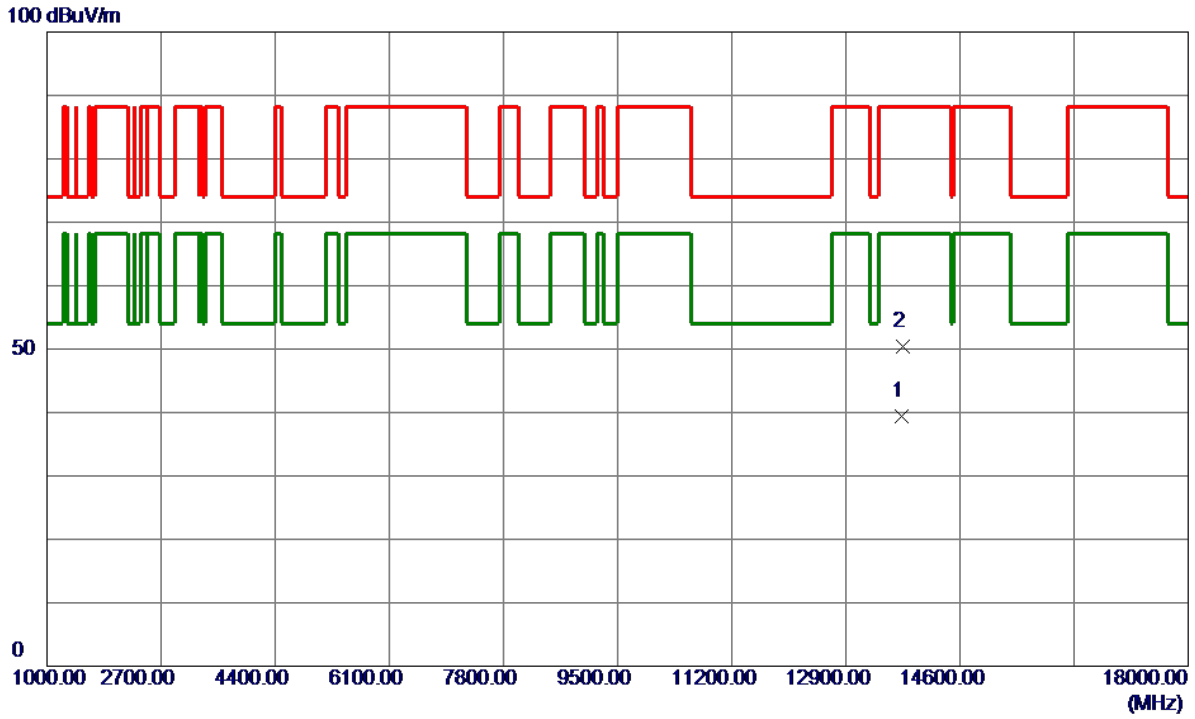
Test Mode	UNII-7_TX AX20 Mode 6855 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	13707.9000	39.44	11.39	50.83	88.20	-37.37	Peak	
2 *	13708.9400	27.82	11.39	39.21	68.20	-28.99	AVG	

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

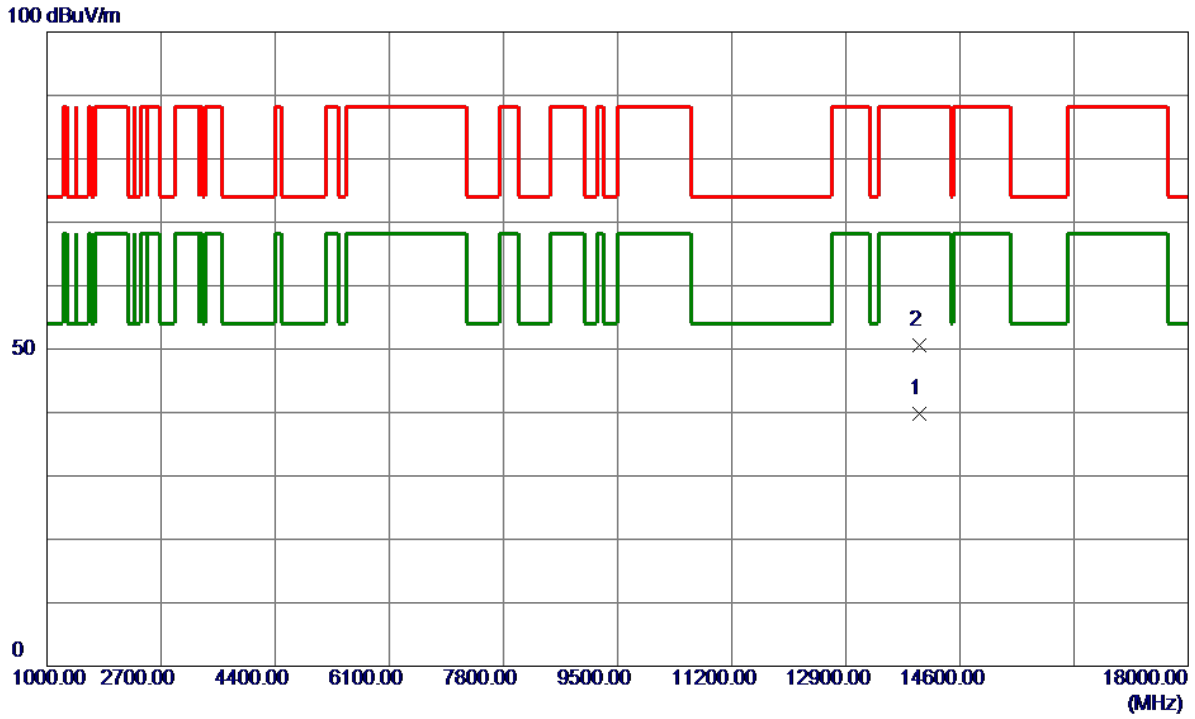
Test Mode	UNII-8_TX AX20 Mode 6875 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13740.3200	28.05	11.39	39.44	68.20	-28.76	AVG	
2	13741.3600	38.96	11.39	50.35	88.20	-37.85	Peak	

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

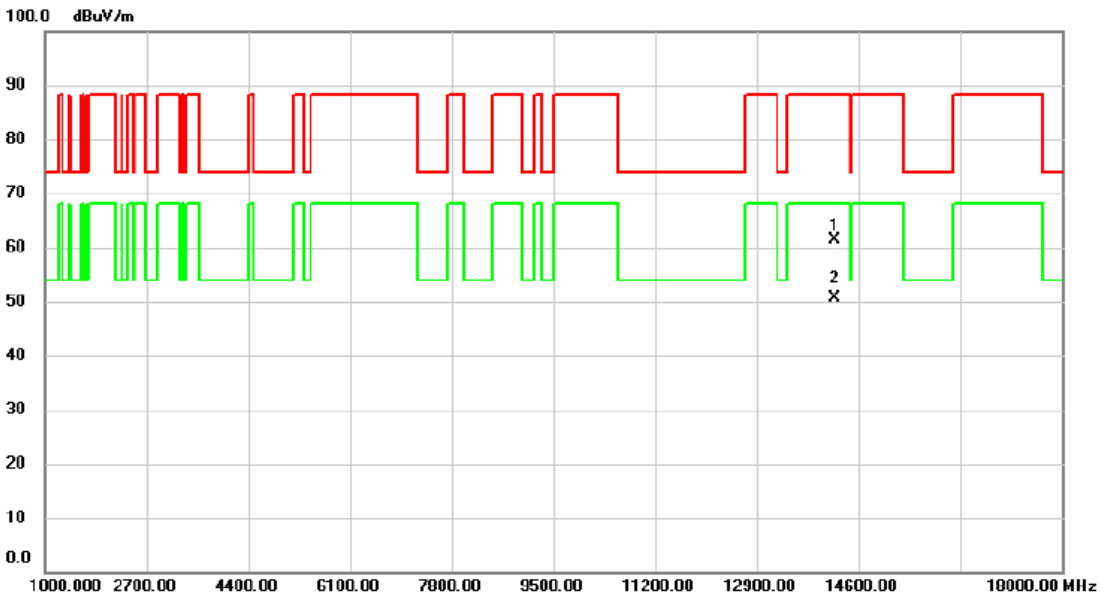
Test Mode	UNII-8_TX AX20 Mode 6995 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13997.2800	28.34	11.43	39.77	68.20	-28.43	AVG	
2	13999.0600	39.25	11.43	50.68	88.20	-37.52	Peak	

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

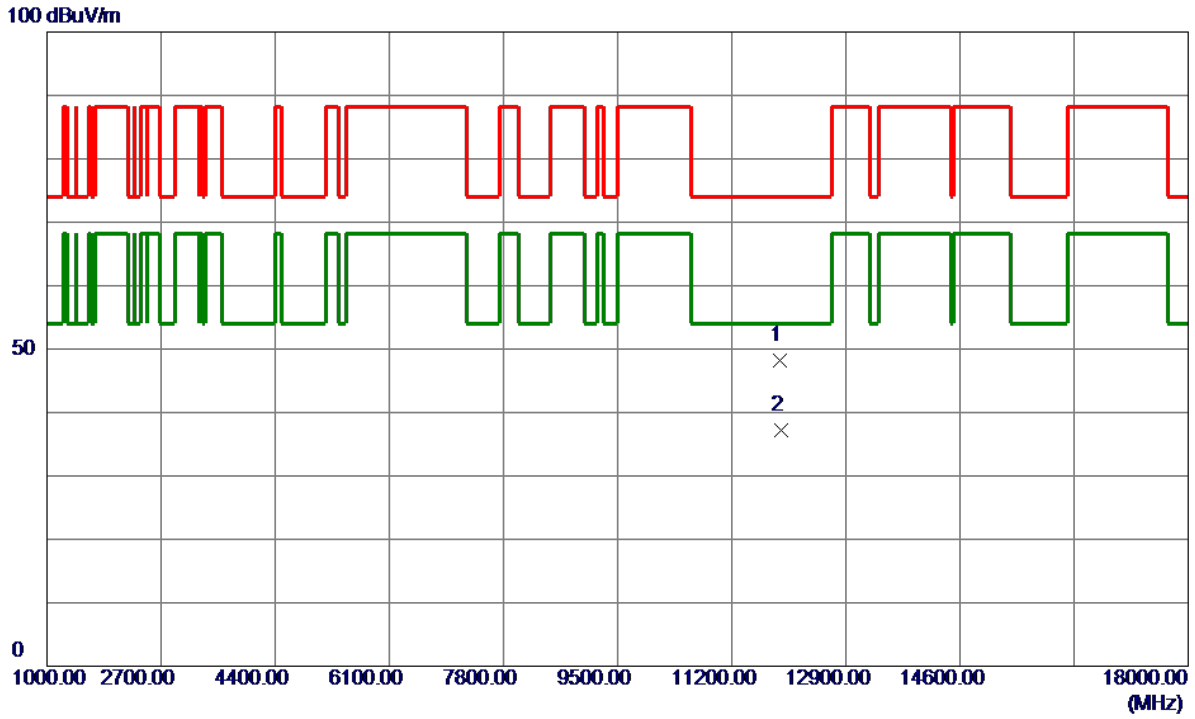
Test Mode	UNII-8_TX AX20 Mode 7095 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		14207.250	49.86	11.54	61.40	88.20	-26.80	peak	
2	*	14207.250	38.99	11.54	50.53	68.20	-17.67	AVG	

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

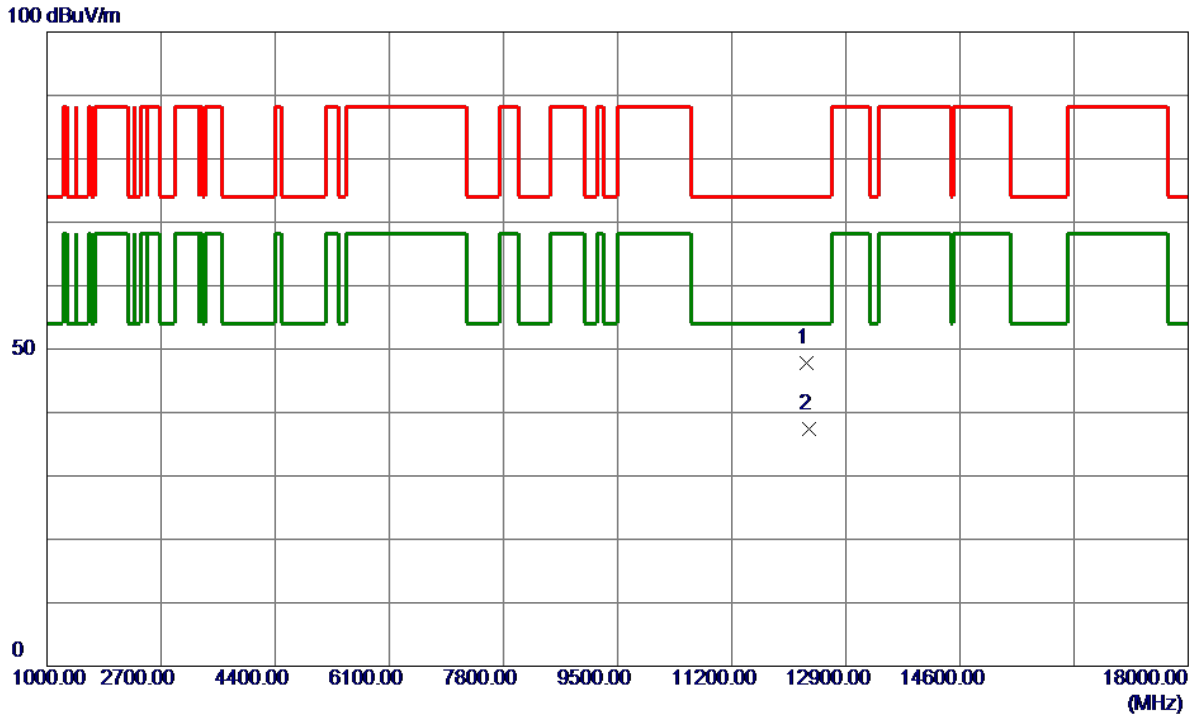
Test Mode	UNII-5_TX AX40 Mode 5965 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11918.6800	37.18	11.04	48.22	74.00	-25.78	Peak	
2 *	11936.6400	26.16	11.03	37.19	54.00	-16.81	AVG	

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

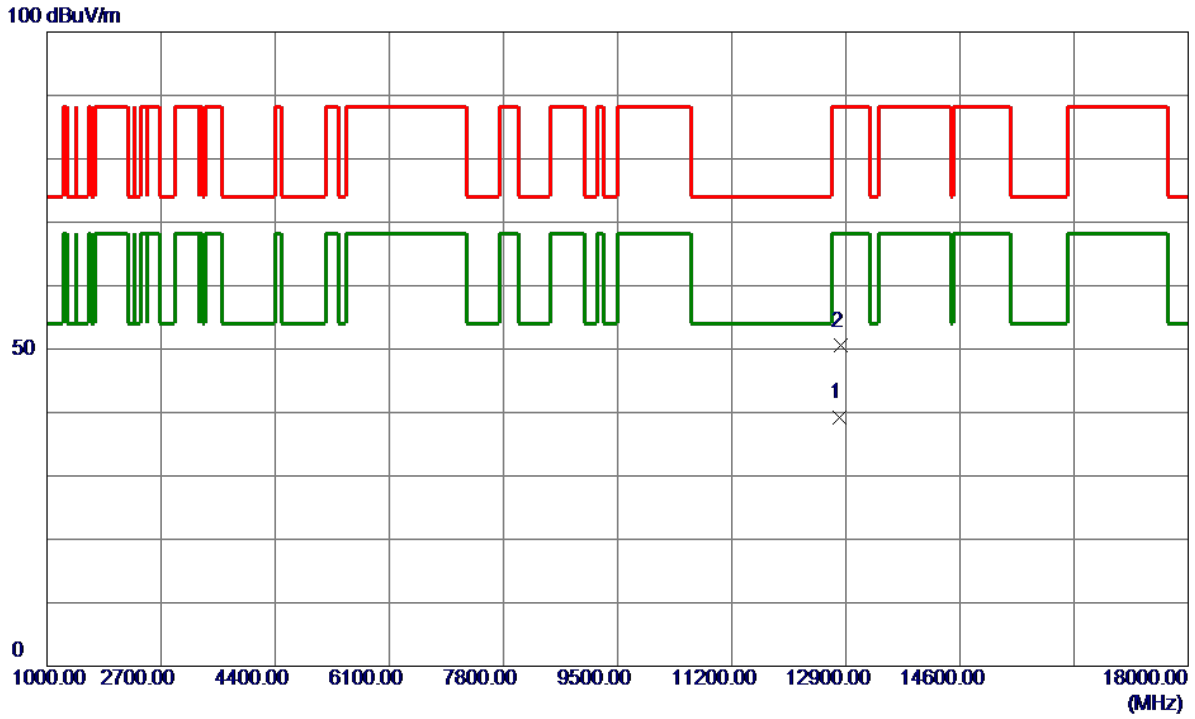
Test Mode	UNII-5_TX AX40 Mode 6165 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	12306.2500	36.64	11.16	47.80	74.00	-26.20	Peak	
2 *	12350.1500	26.12	11.19	37.31	54.00	-16.69	AVG	

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

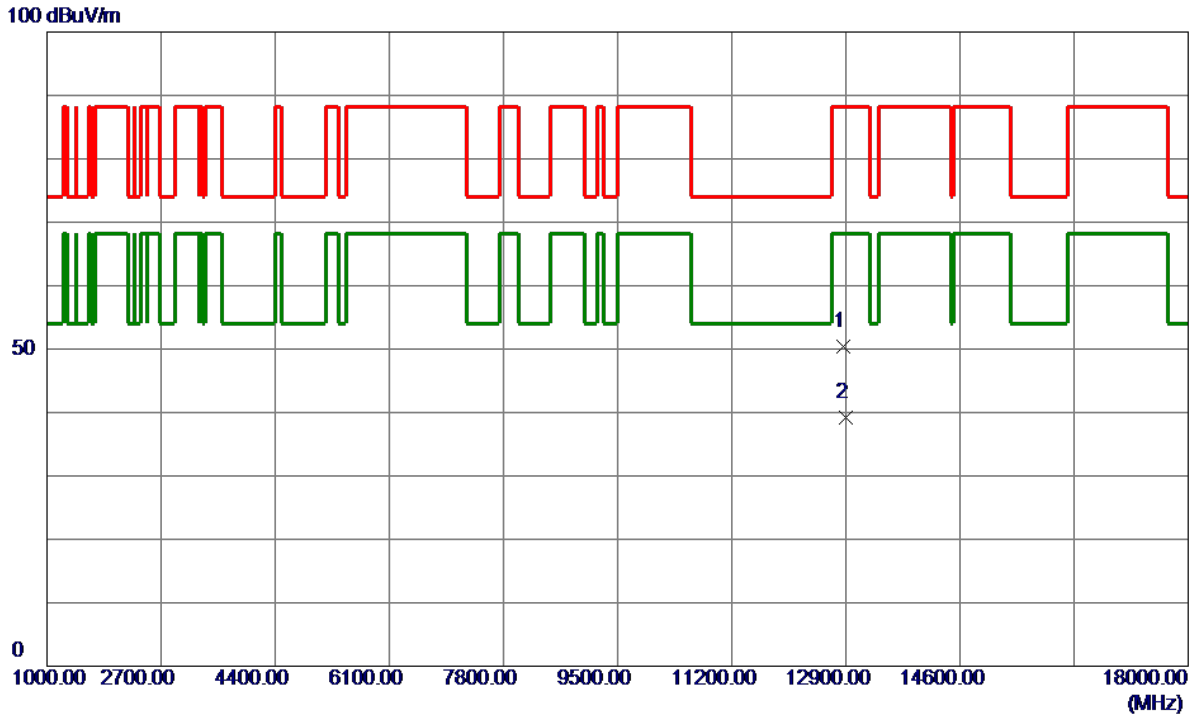
Test Mode	UNII-5_TX AX40 Mode 6405 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12807.0500	27.82	11.40	39.22	68.20	-28.98	AVG	
2	12831.9500	39.09	11.41	50.50	88.20	-37.70	Peak	

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

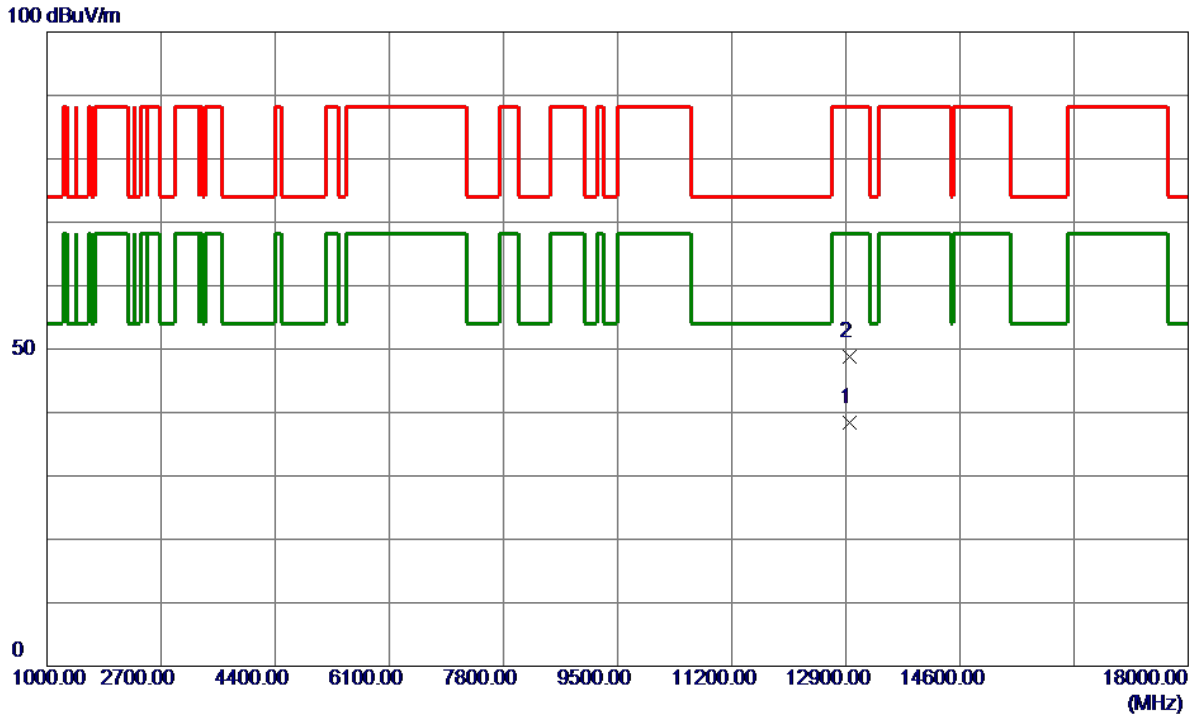
Test Mode	UNII-6_TX AX40 Mode 6445 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	12871.1500	38.92	11.43	50.35	88.20	-37.85	Peak	
2 *	12890.6500	27.82	11.44	39.26	68.20	-28.94	AVG	

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

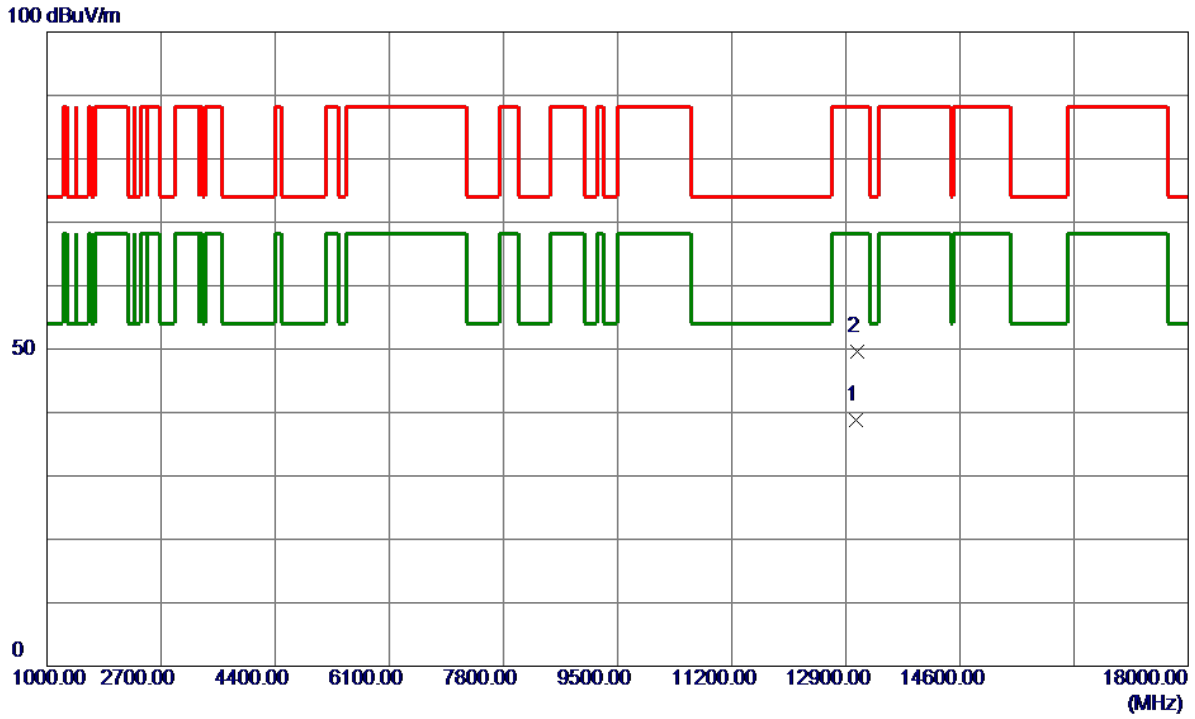
Test Mode	UNII-6_TX AX40 Mode 6485 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12947.5500	26.91	11.47	38.38	68.20	-29.82	AVG	
2	12952.6000	37.39	11.47	48.86	88.20	-39.34	Peak	

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

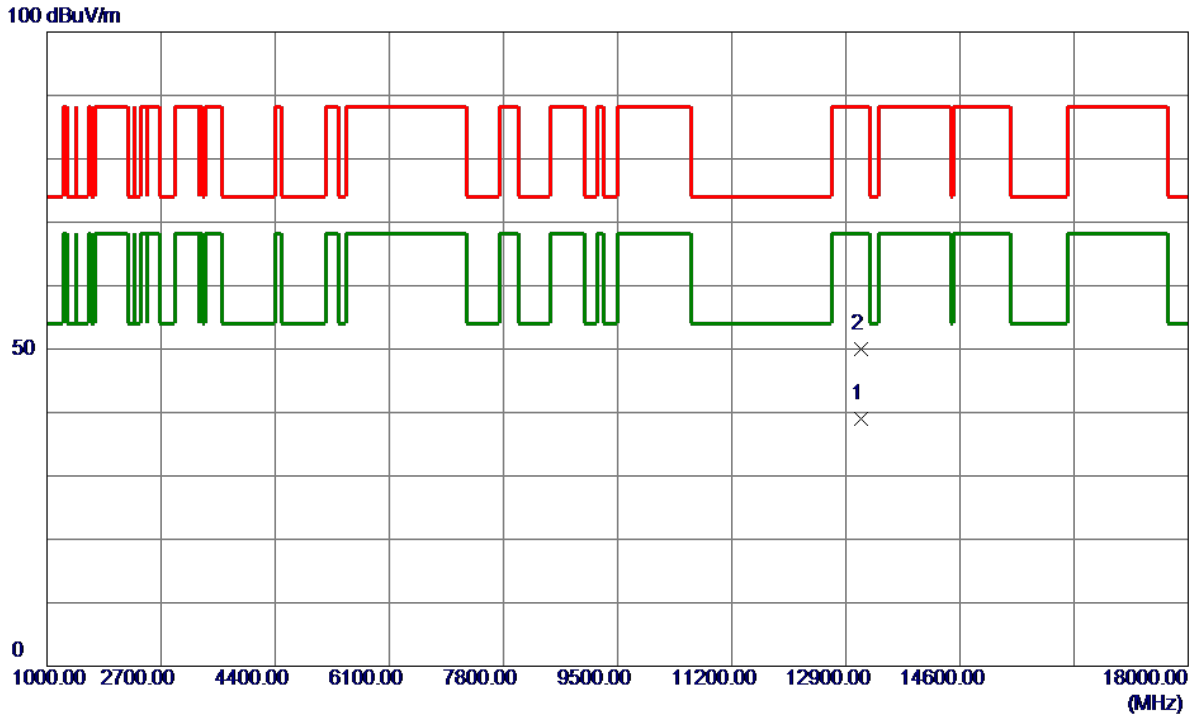
Test Mode	UNII-6_TX AX40 Mode 6525 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13056.0000	27.34	11.47	38.81	68.20	-29.39	AVG	
2	13067.7000	38.19	11.47	49.66	88.20	-38.54	Peak	

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

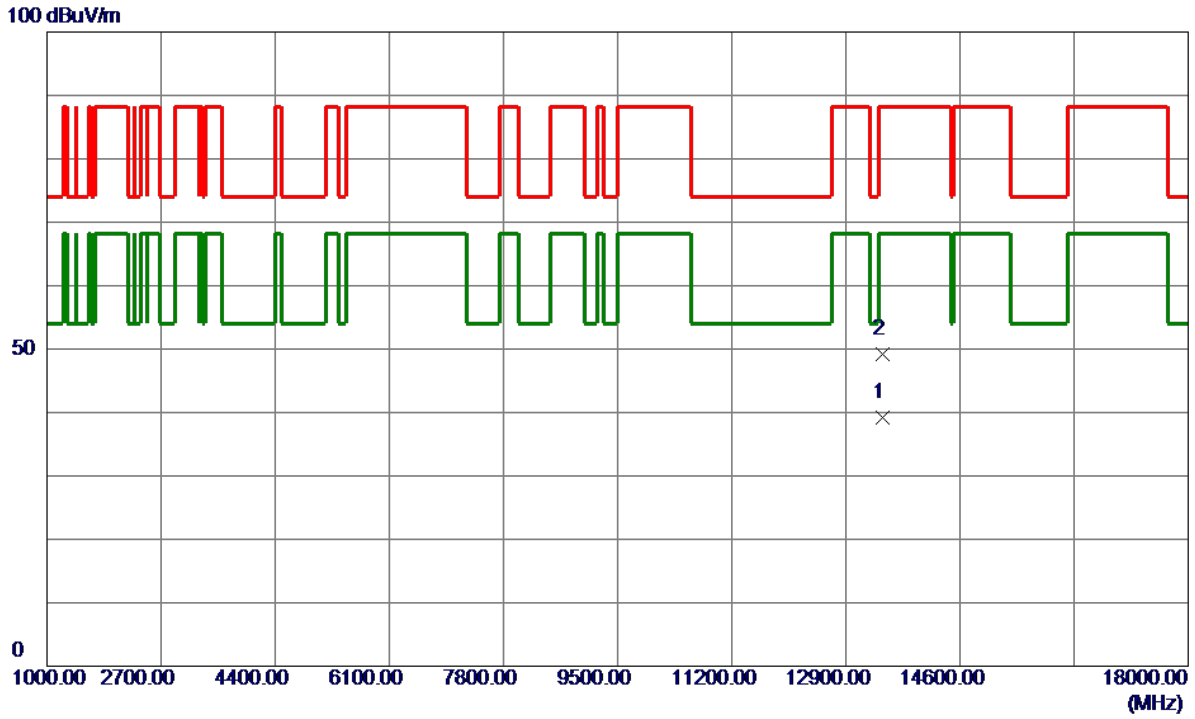
Test Mode	UNII-7_TX AX40 Mode 6565 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13130.8000	27.58	11.45	39.03	68.20	-29.17	AVG	
2	13133.2000	38.48	11.45	49.93	88.20	-38.27	Peak	

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

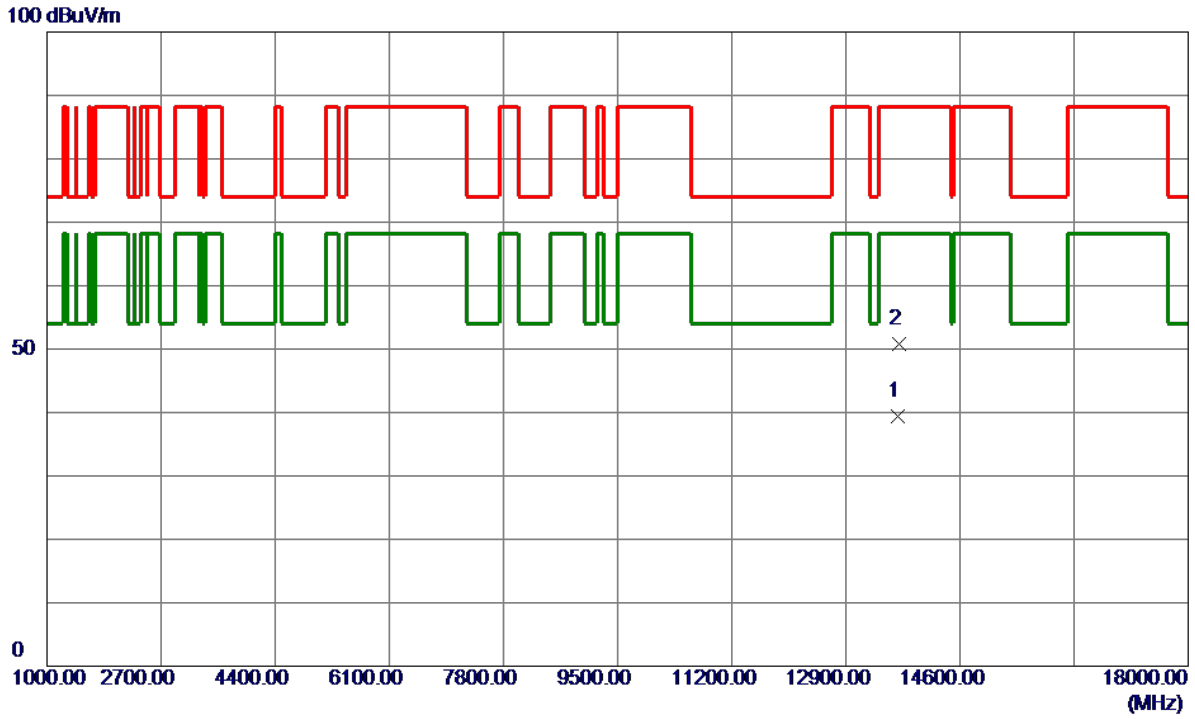
Test Mode	UNII-7_TX AX40 Mode 6725 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13450.9500	27.84	11.37	39.21	68.20	-28.99	AVG	
2	13455.4000	37.79	11.37	49.16	88.20	-39.04	Peak	

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

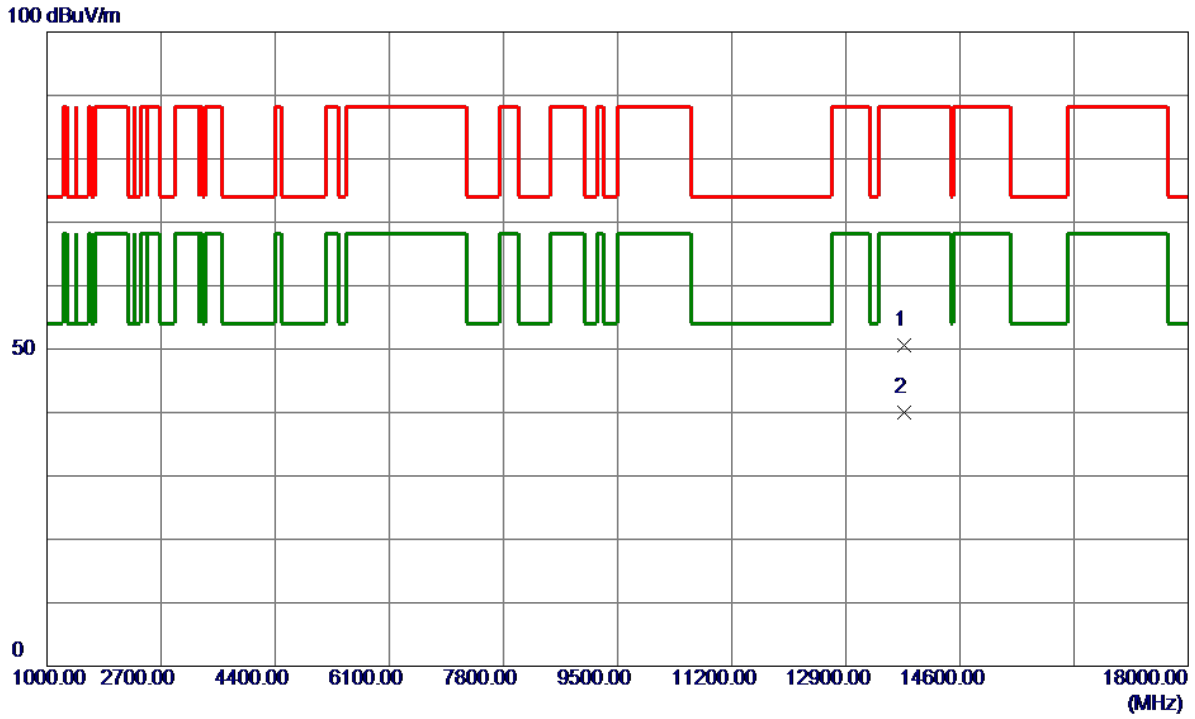
Test Mode	UNII-7_TX AX40 Mode 6845 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13666.8500	28.09	11.38	39.47	68.20	-28.73	AVG	
2	13689.0000	39.38	11.38	50.76	88.20	-37.44	Peak	

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

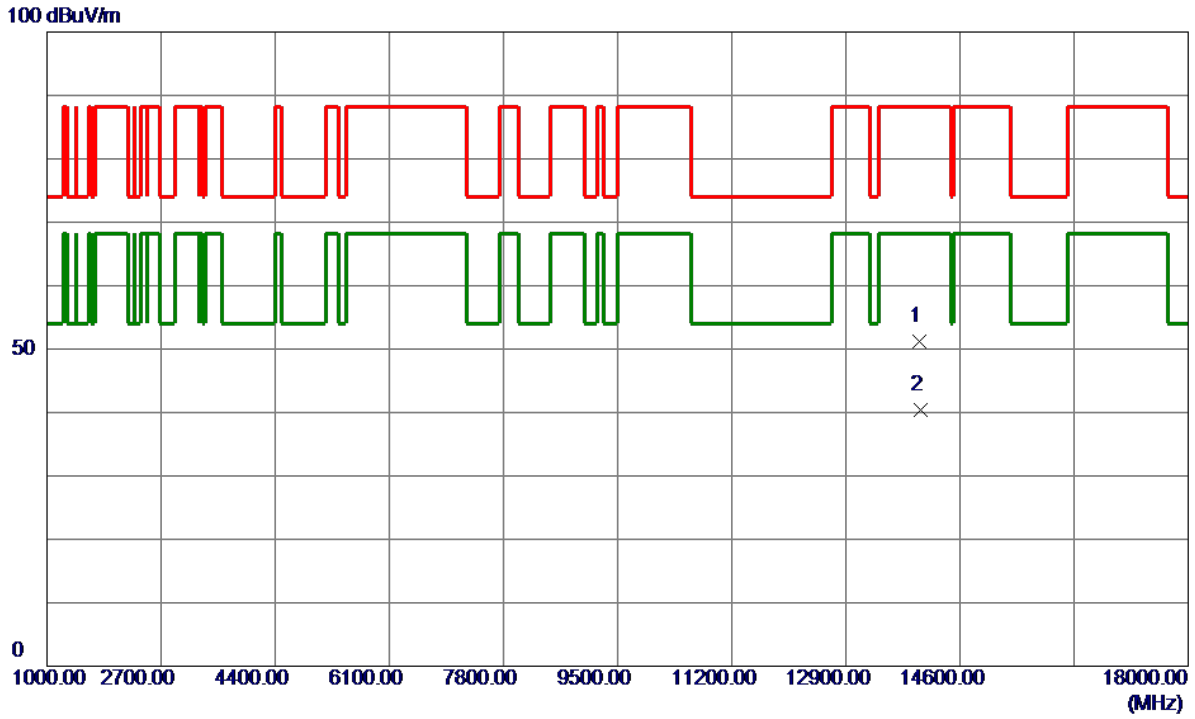
Test Mode	UNII-8_TX AX40 Mode 6885 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	13769.9500	39.20	11.40	50.60	88.20	-37.60	Peak	
2 *	13770.6000	28.57	11.40	39.97	68.20	-28.23	AVG	

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

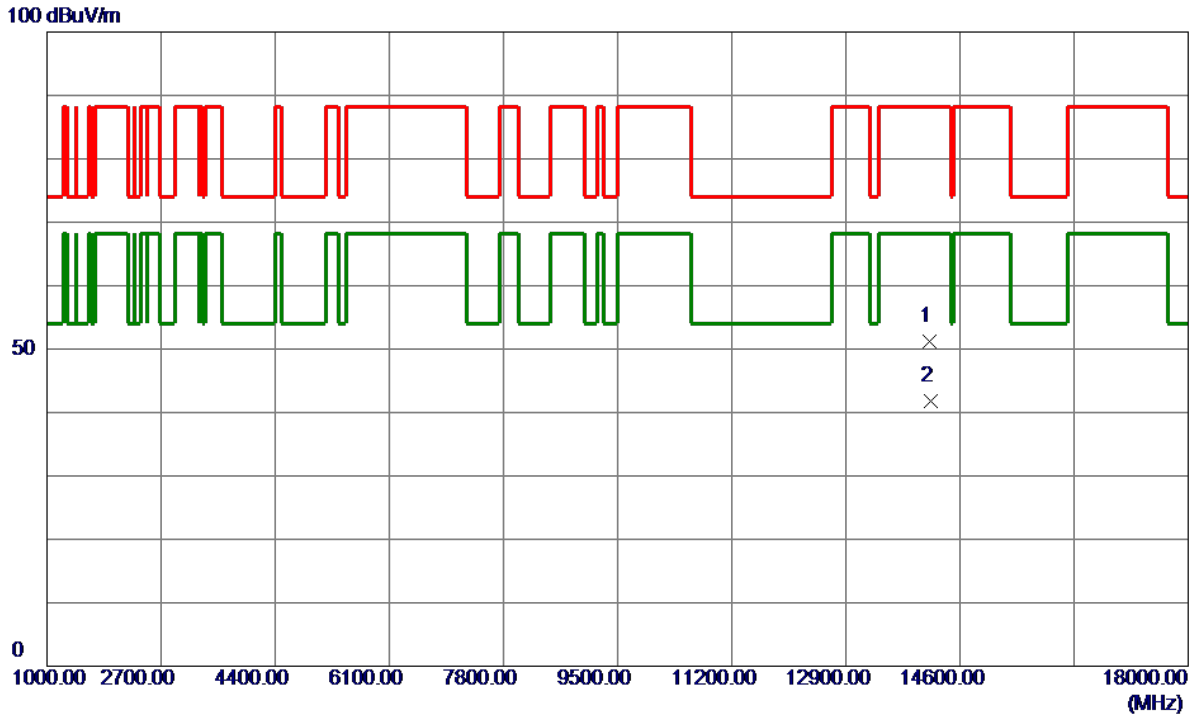
Test Mode	UNII-8_TX AX40 Mode 7005 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	13992.7500	39.73	11.43	51.16	88.20	-37.04	Peak	
2 *	14010.8500	29.01	11.44	40.45	68.20	-27.75	AVG	

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

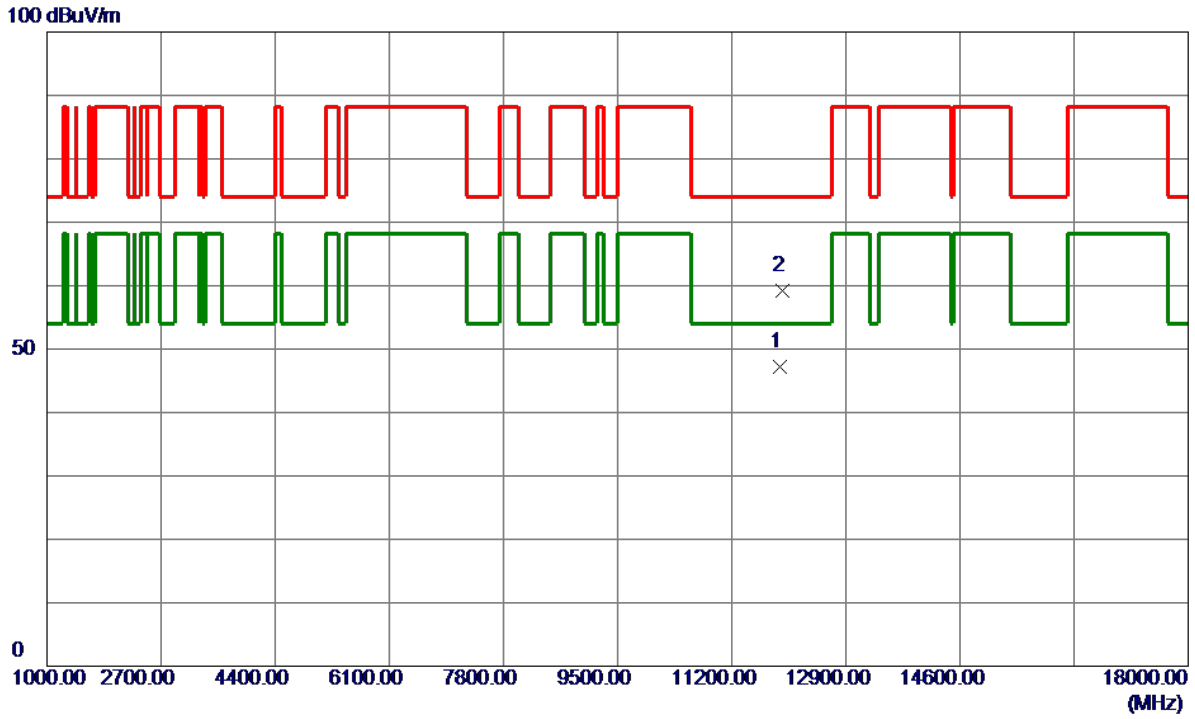
Test Mode	UNII-8_TX AX40 Mode 7085 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	14154.8500	39.63	11.51	51.14	88.20	-37.06	Peak	
2 *	14172.8000	30.28	11.51	41.79	68.20	-26.41	AVG	

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

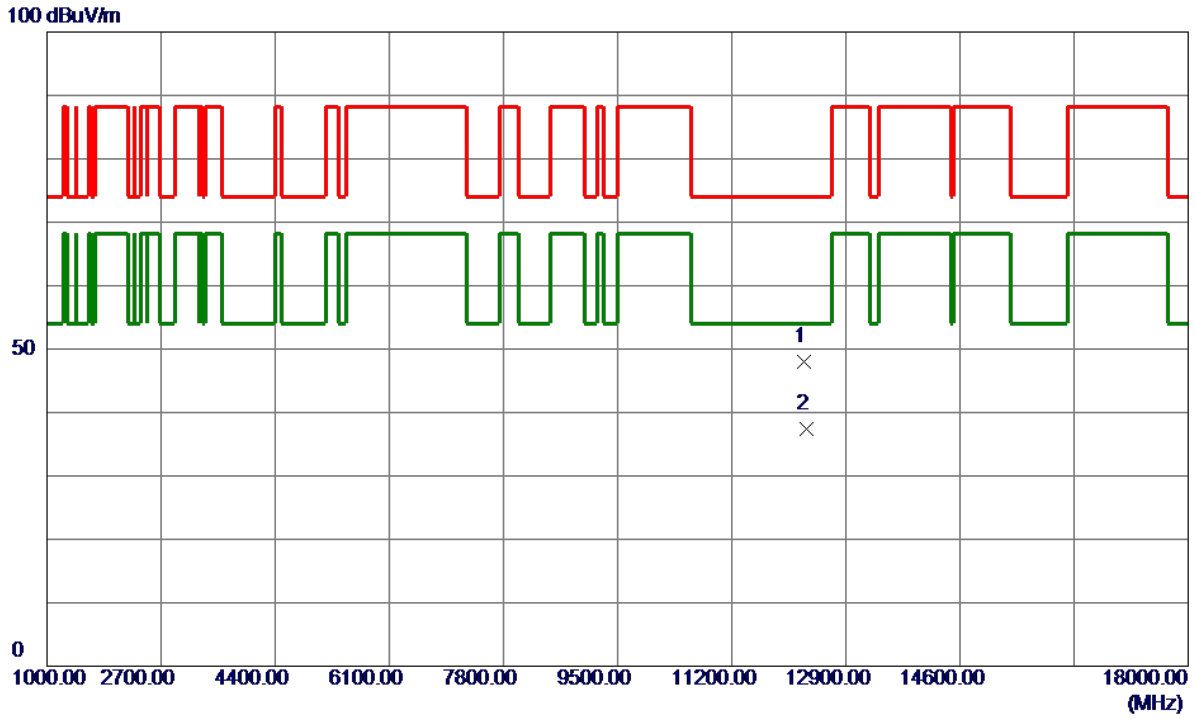
Test Mode	UNII-5_TX AX80 Mode 5985 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11917.1000	26.18	21.04	47.22	54.00	-6.78	AVG	
2	11952.7500	38.10	21.03	59.13	74.00	-14.87	Peak	

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

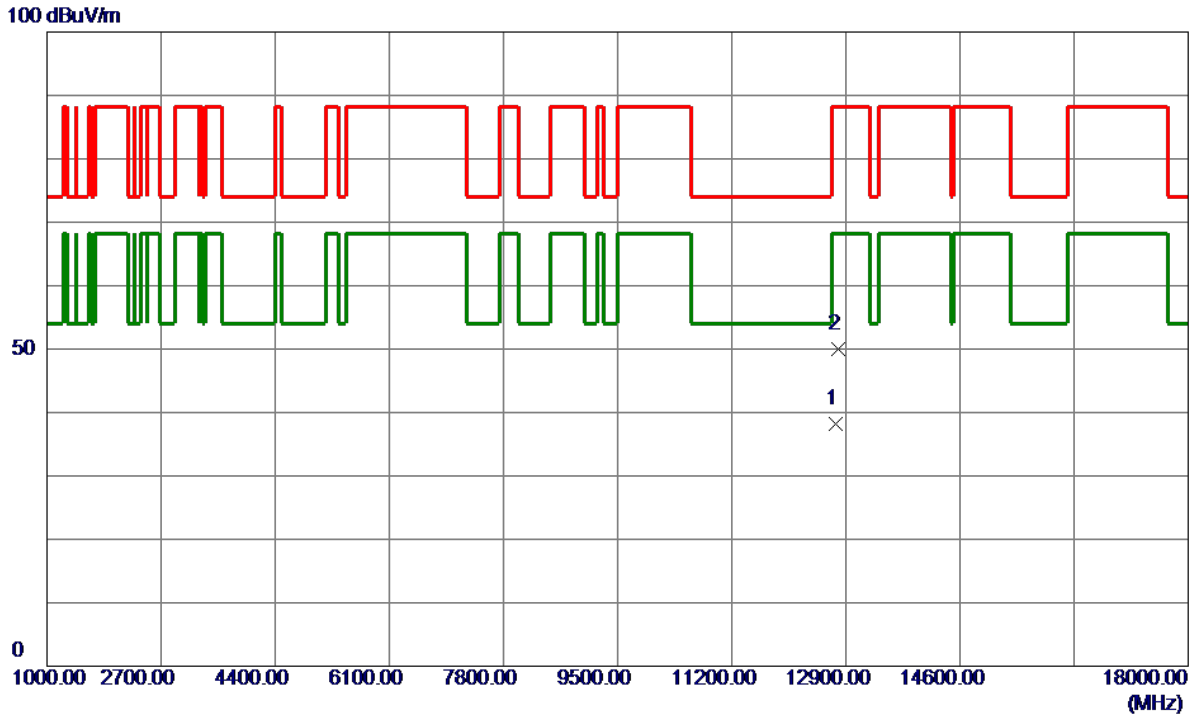
Test Mode	UNII-5_TX AX80 Mode 6145 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	12277.2000	36.81	11.15	47.96	74.00	-26.04	Peak	
2 *	12315.0000	26.30	11.17	37.47	54.00	-16.53	AVG	

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

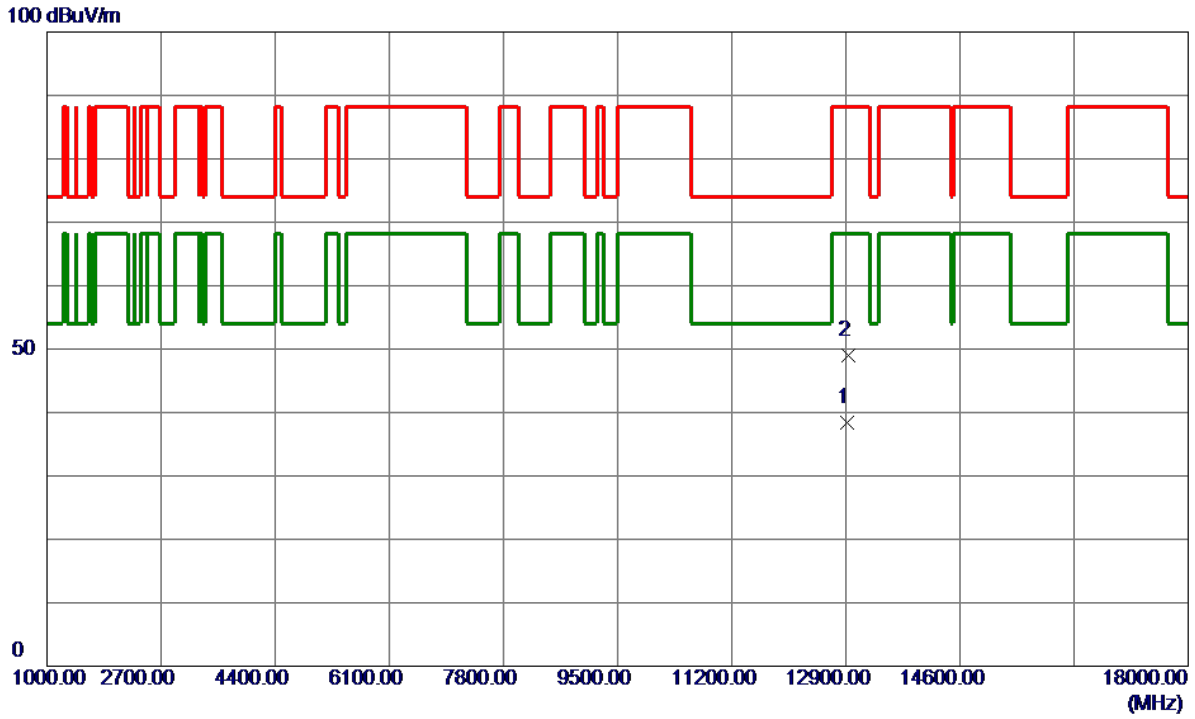
Test Mode	UNII-5_TX AX80 Mode 6385 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12753.9000	26.74	11.38	38.12	68.20	-30.08	AVG	
2	12793.5000	38.60	11.39	49.99	88.20	-38.21	Peak	

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

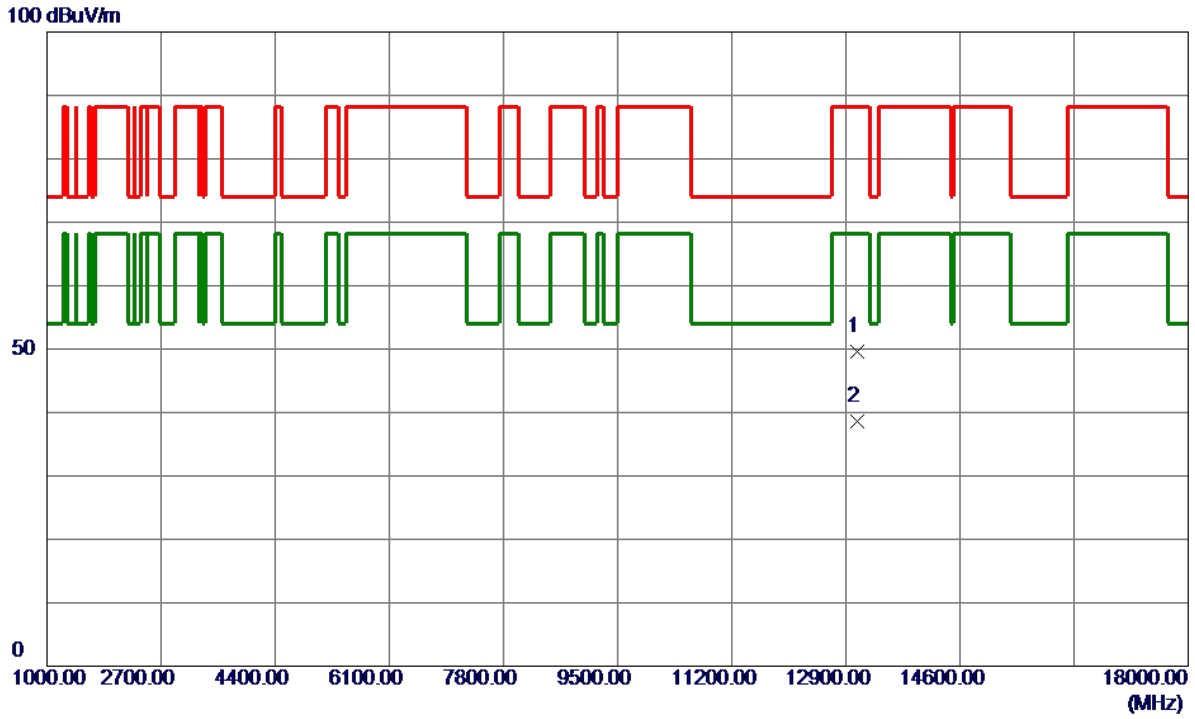
Test Mode	UNII-6_TX AX80 Mode 6465 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12910.8500	27.03	11.45	38.48	68.20	-29.72	AVG	
2	12931.3500	37.54	11.46	49.00	88.20	-39.20	Peak	

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

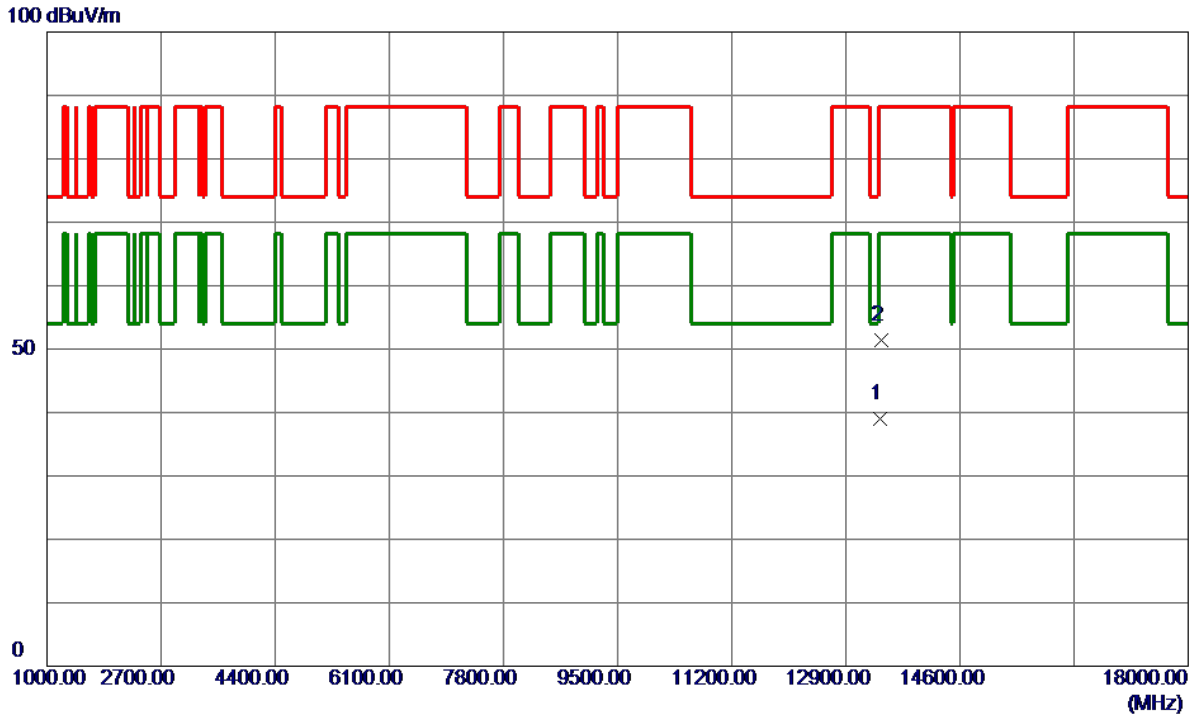
Test Mode	UNII-7_TX AX80 Mode 6545 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	13076.7500	38.04	11.47	49.51	88.20	-38.69	Peak	
2 *	13079.1000	27.12	11.47	38.59	68.20	-29.61	AVG	

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

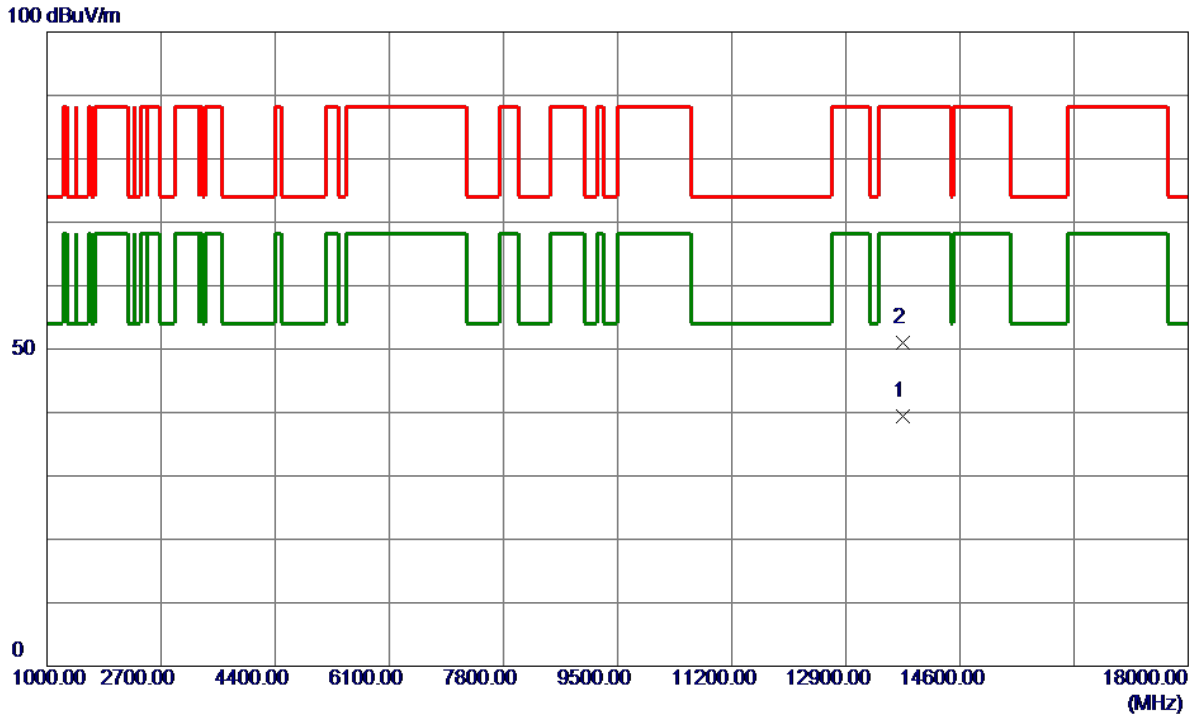
Test Mode	UNII-7_TX AX80 Mode 6705 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13409.0500	27.70	11.38	39.08	68.20	-29.12	AVG	
2	13434.1000	40.10	11.37	51.47	88.20	-36.73	Peak	

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

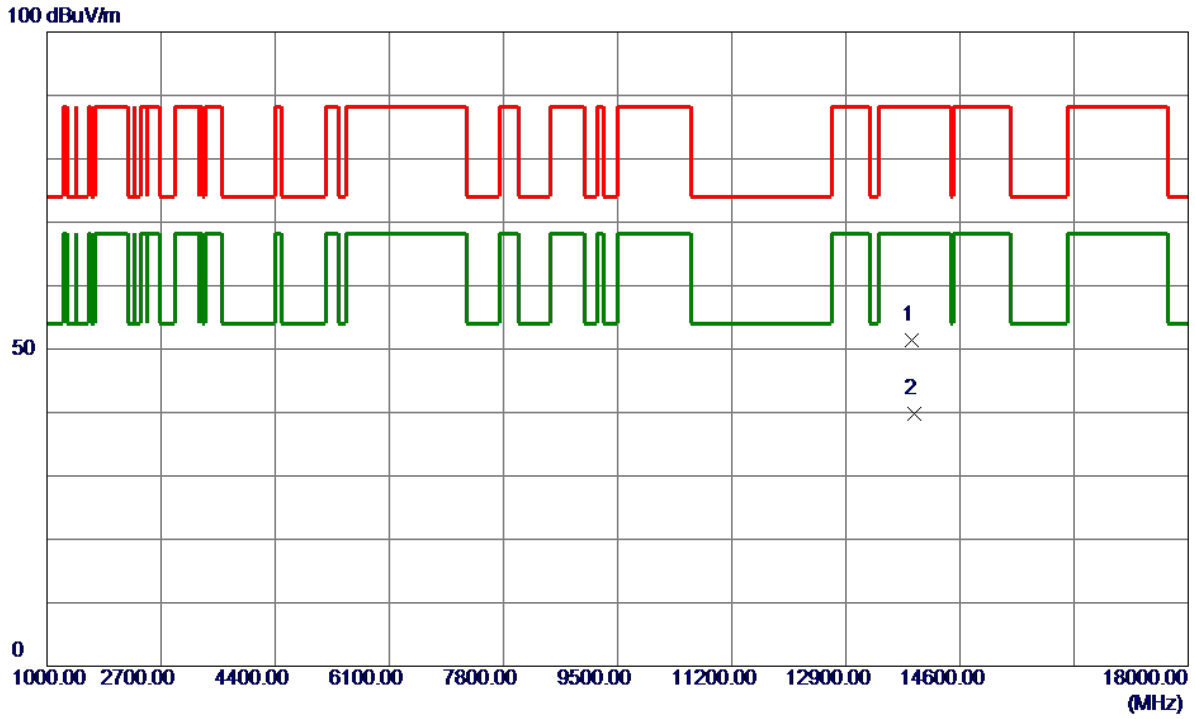
Test Mode	UNII-7_TX AX80 Mode 6865 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13745.1000	28.07	11.39	39.46	68.20	-28.74	AVG	
2	13751.7000	39.68	11.39	51.07	88.20	-37.13	Peak	

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

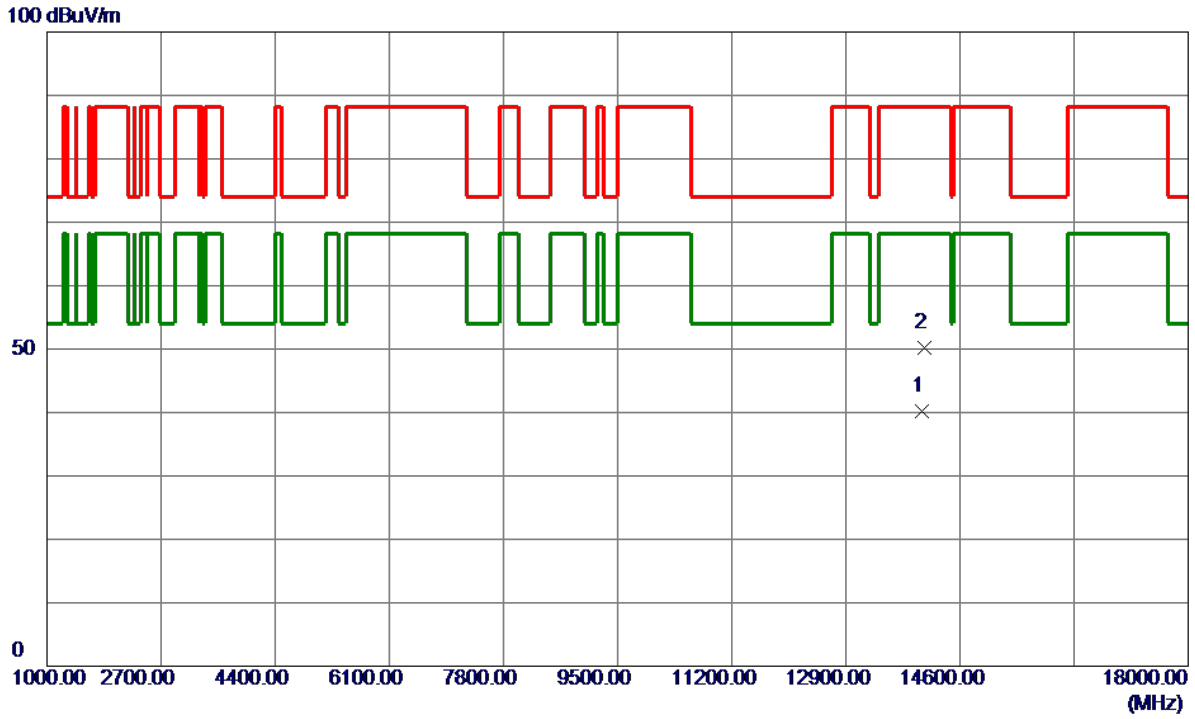
Test Mode	UNII-8_TX AX80 Mode 6945 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	13872.9500	39.93	11.41	51.34	88.20	-36.86	Peak	
2 *	13911.0500	28.31	11.42	39.73	68.20	-28.47	AVG	

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

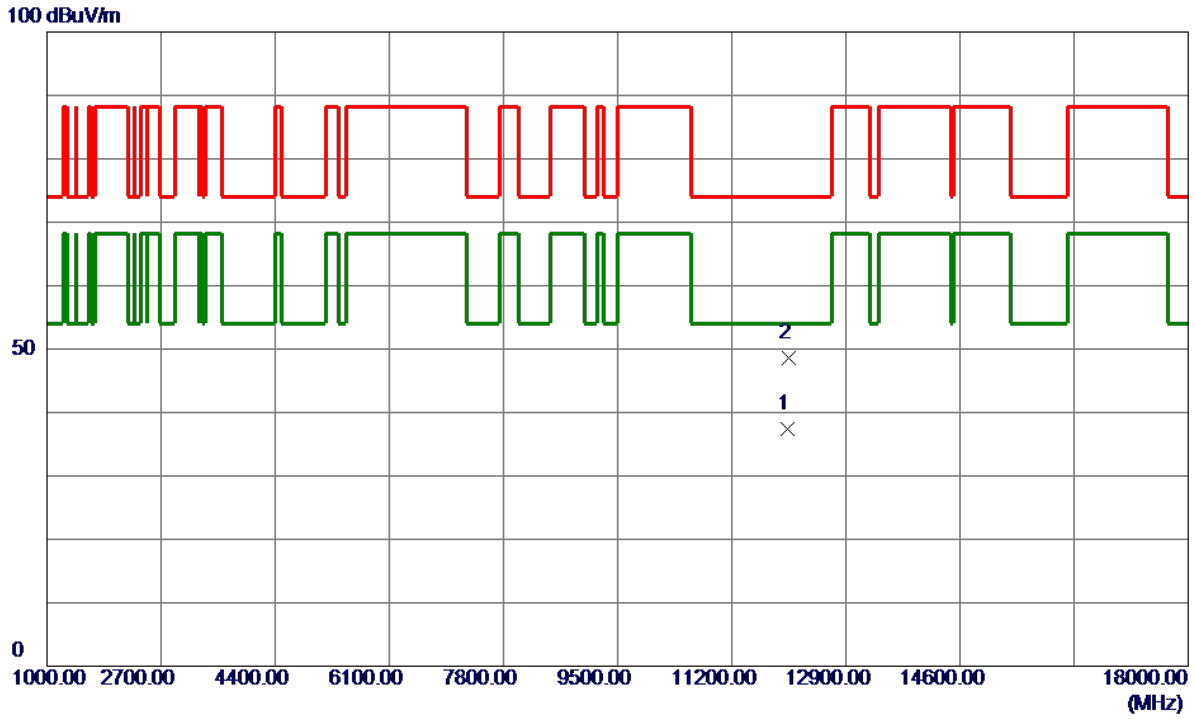
Test Mode	UNII-8_TX AX80 Mode 7025 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	14030.1000	28.79	11.44	40.23	68.20	-27.97	AVG	
2	14072.0500	38.74	11.47	50.21	88.20	-37.99	Peak	

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

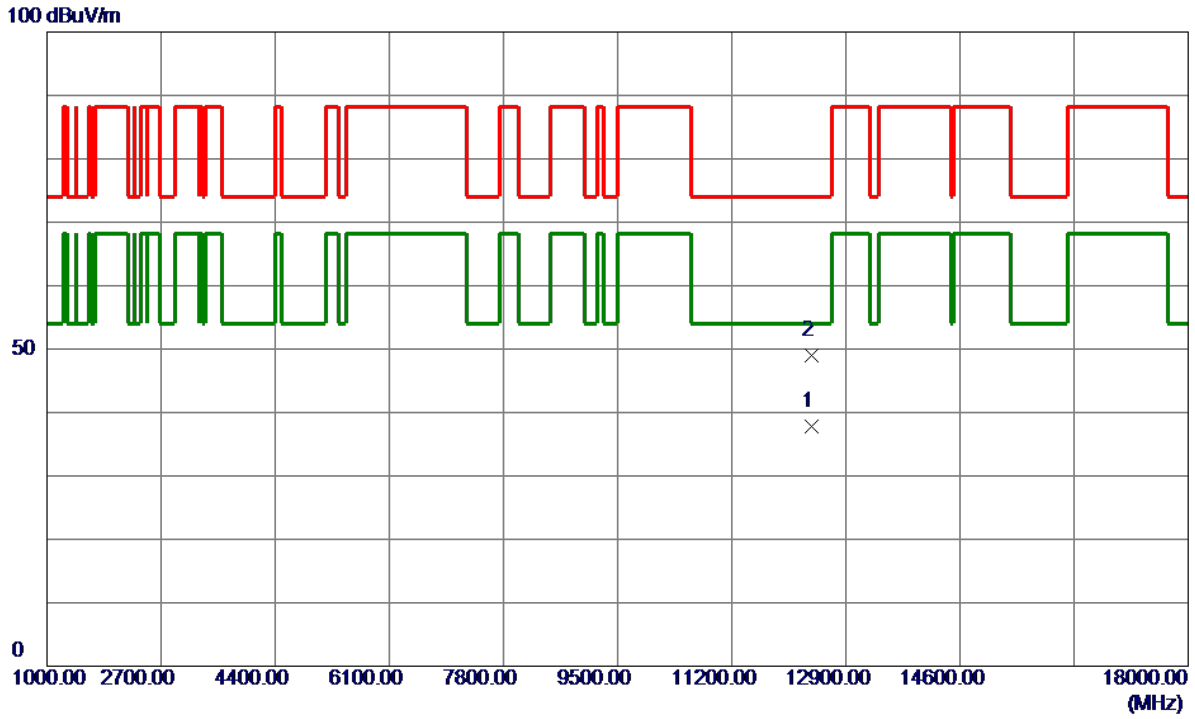
Test Mode	UNII-5_TX AX160 Mode 6025 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12035.7000	26.40	11.03	37.43	54.00	-16.57	AVG	
2	12050.9000	37.56	11.04	48.60	74.00	-25.40	Peak	

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

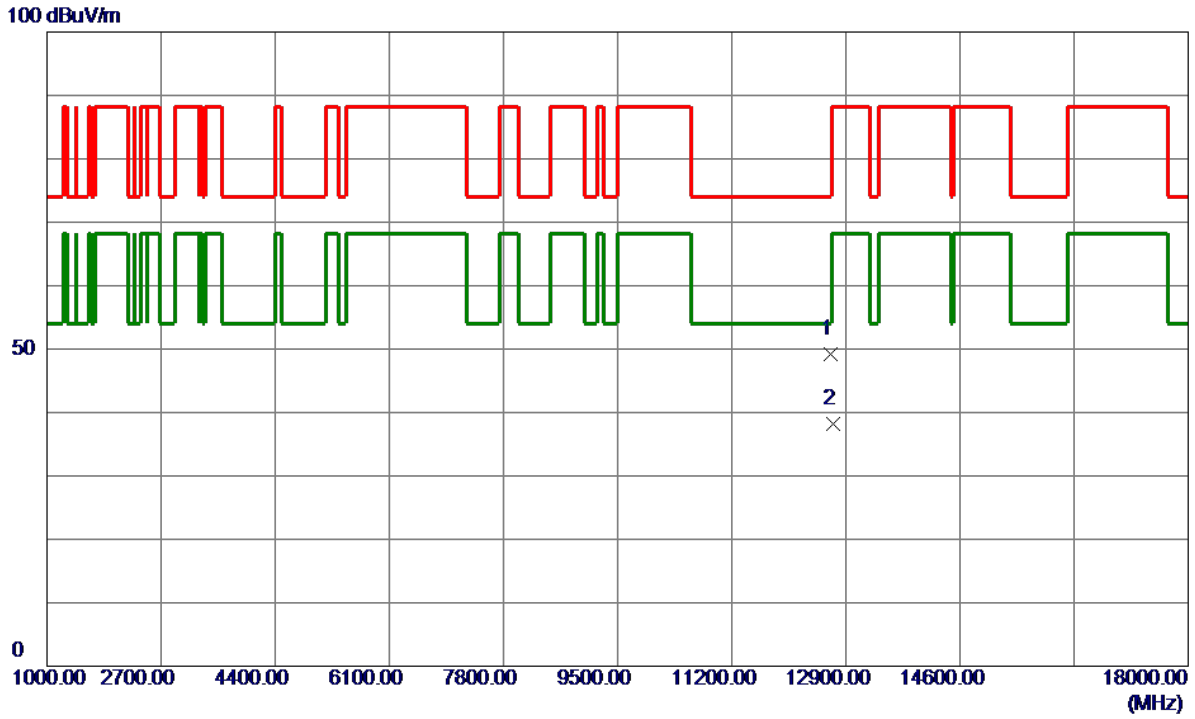
Test Mode	UNII-5_TX AX160 Mode 6185 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12382.3500	26.55	11.20	37.75	54.00	-16.25	AVG	
2	12386.8500	37.87	11.20	49.07	74.00	-24.93	Peak	

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

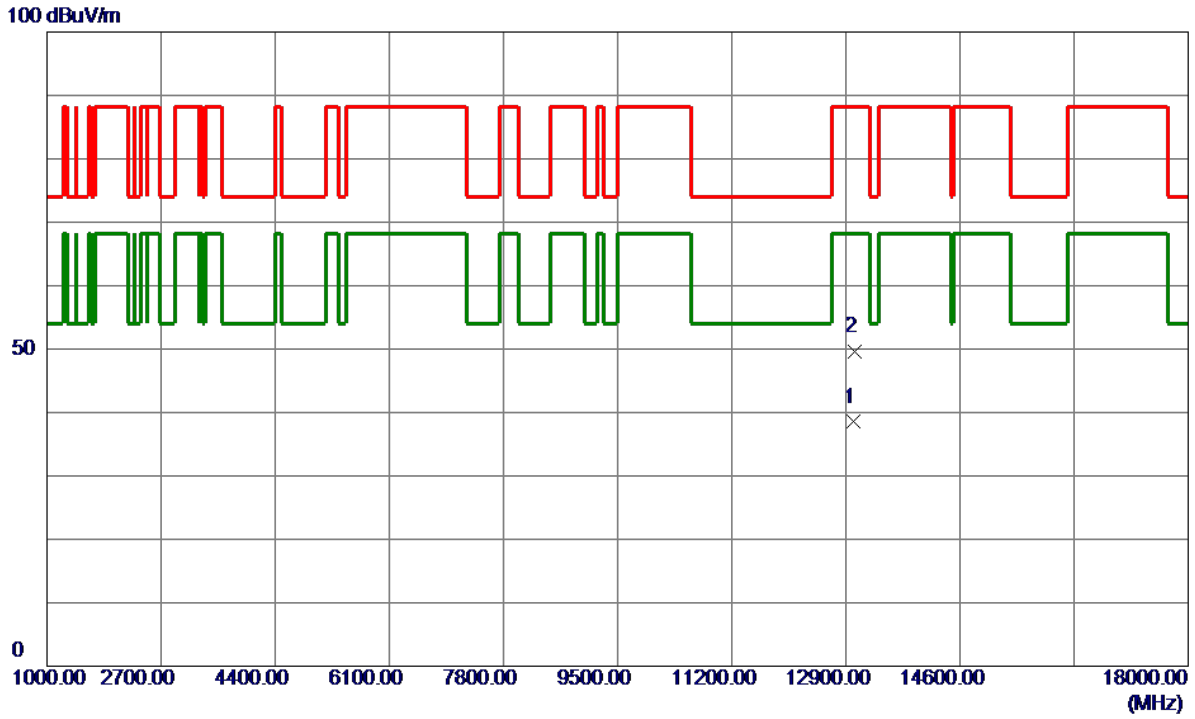
Test Mode	UNII-5_TX AX160 Mode 6345 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12675.7500	37.89	11.34	49.23	74.00	-24.77	Peak	
2	12712.0000	26.76	11.36	38.12	68.20	-30.08	AVG	

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

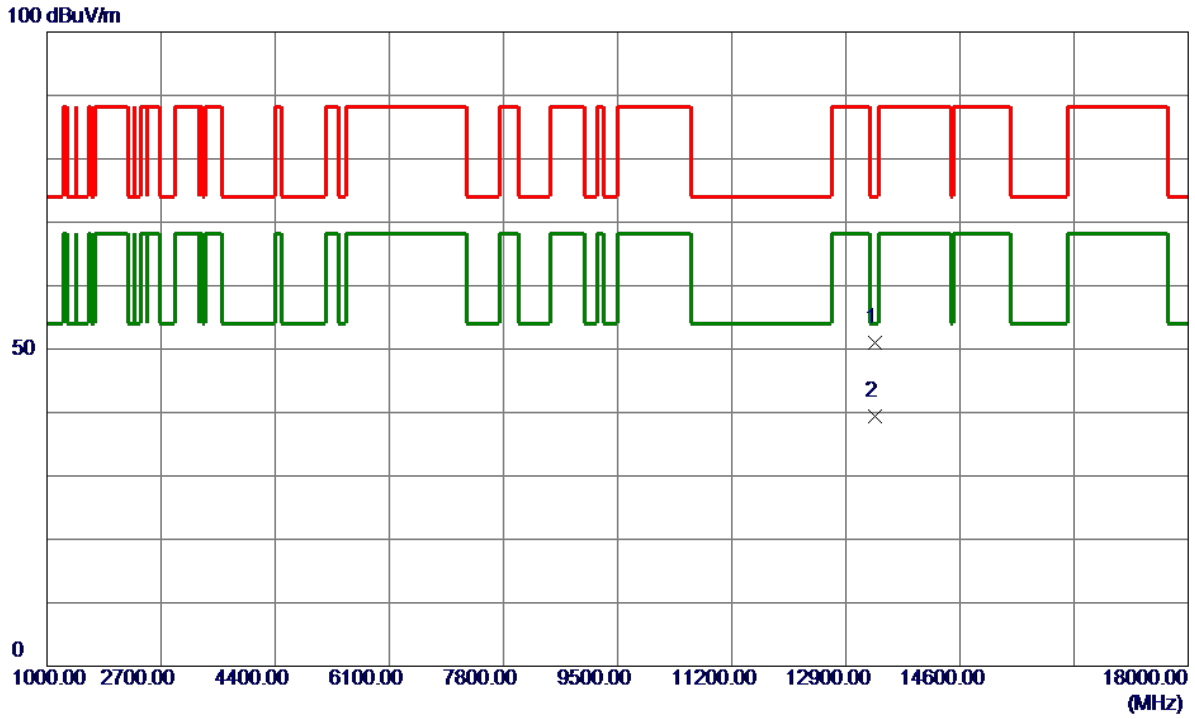
Test Mode	UNII-6_TX AX160 Mode 6505 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13016.0000	27.01	11.49	38.50	68.20	-29.70	AVG	
2	13032.6500	38.21	11.48	49.69	88.20	-38.51	Peak	

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

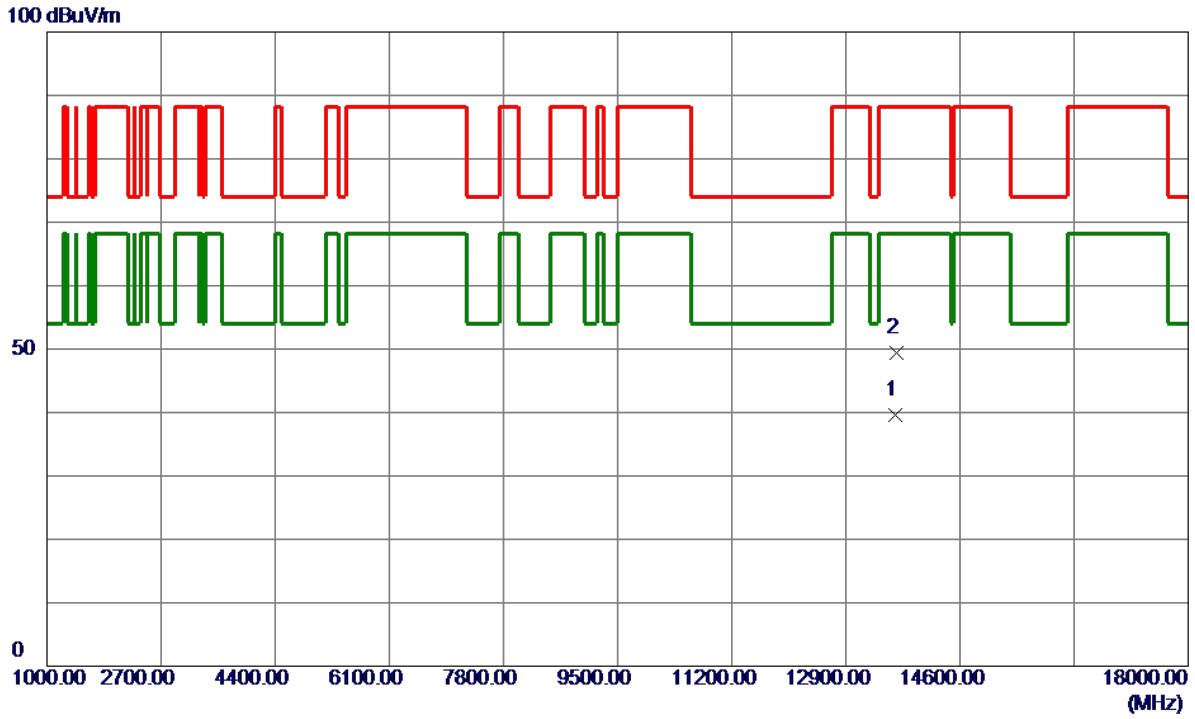
Test Mode	UNII-7_TX AX160 Mode 6665 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	13325.7500	39.55	11.40	50.95	74.00	-23.05	Peak	
2 *	13330.8000	27.94	11.40	39.34	54.00	-14.66	AVG	

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

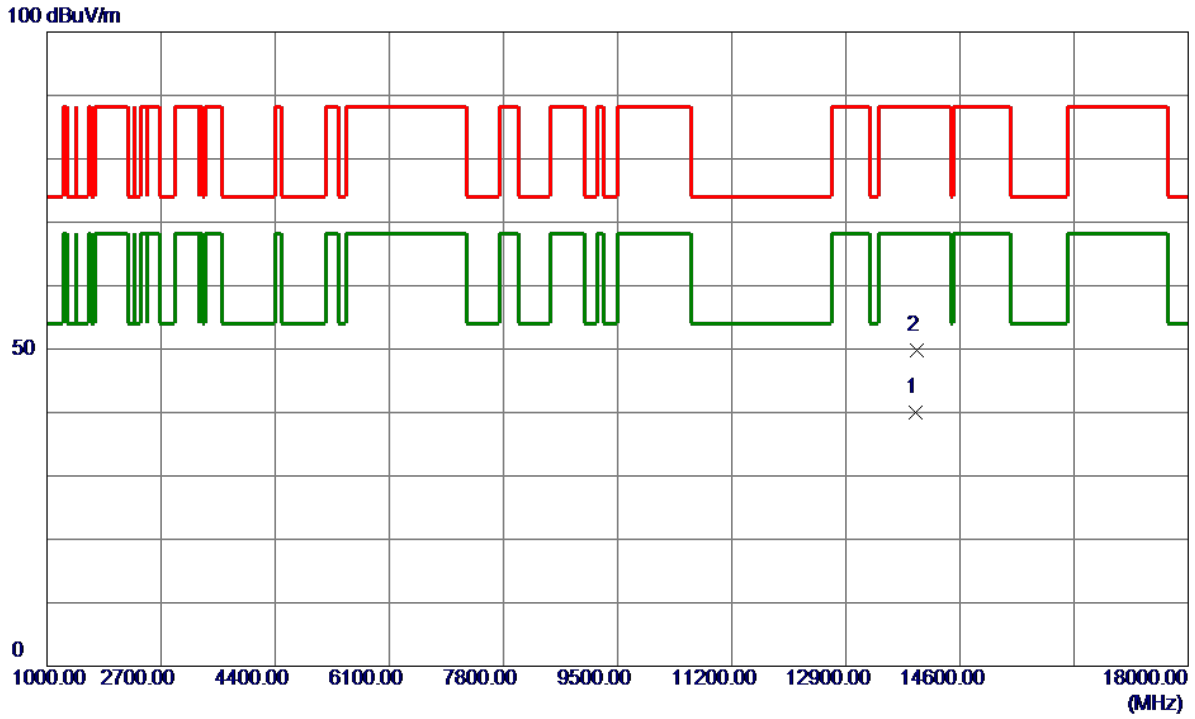
Test Mode	UNII-7_TX AX160 Mode 6825 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13642.1000	28.16	11.38	39.54	68.20	-28.66	AVG	
2	13647.1000	37.93	11.38	49.31	88.20	-38.89	Peak	

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

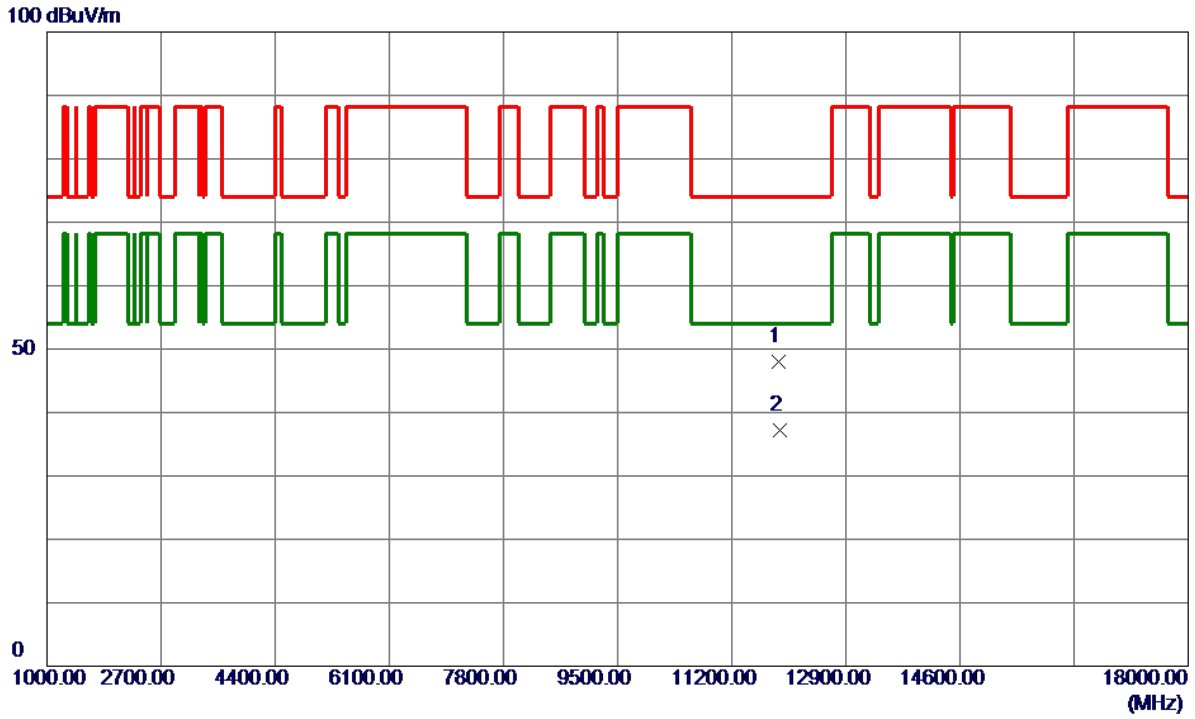
Test Mode	UNII-8_TX AX160 Mode 6985 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13946.8000	28.49	11.42	39.91	68.20	-28.29	AVG	
2	13964.3500	38.30	11.42	49.72	88.20	-38.48	Peak	

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

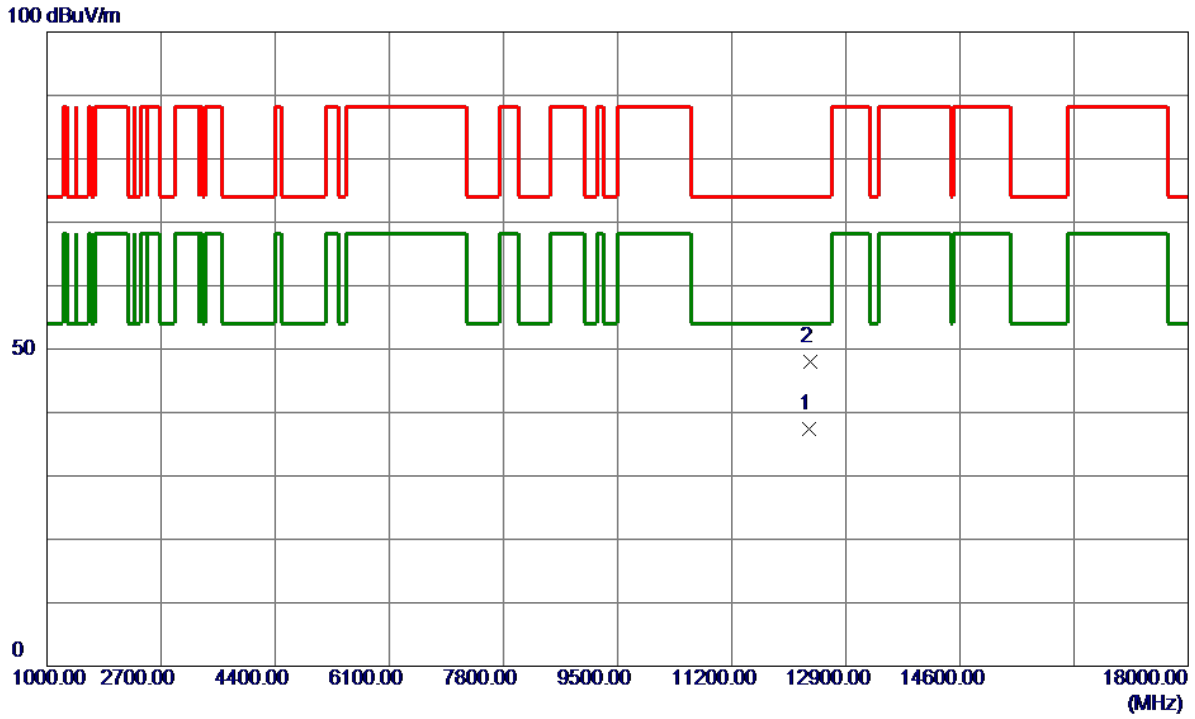
Test Mode	UNII-5_TX BE20 Mode 5955 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11894.8000	36.89	11.05	47.94	74.00	-26.06	Peak	
2 *	11913.4000	26.22	11.04	37.26	54.00	-16.74	AVG	

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

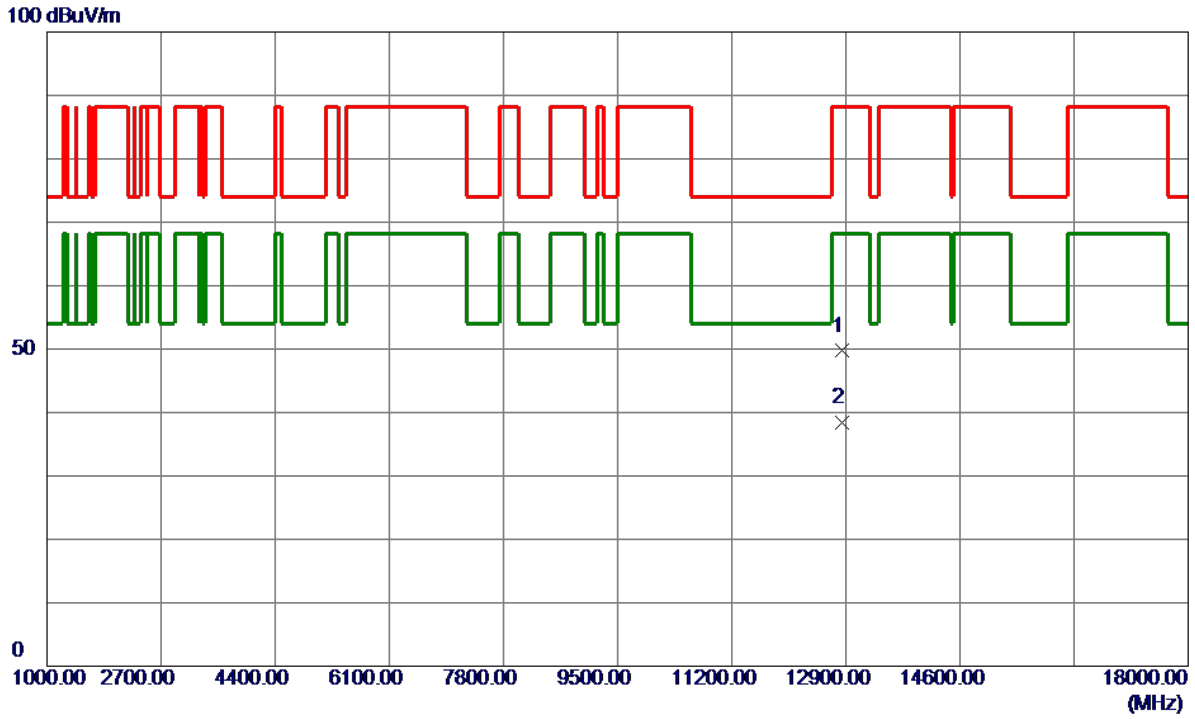
Test Mode	UNII-5_TX BE20 Mode 6175 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12360.1000	26.25	11.19	37.44	54.00	-16.56	AVG	
2	12362.3000	36.89	11.19	48.08	74.00	-25.92	Peak	

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

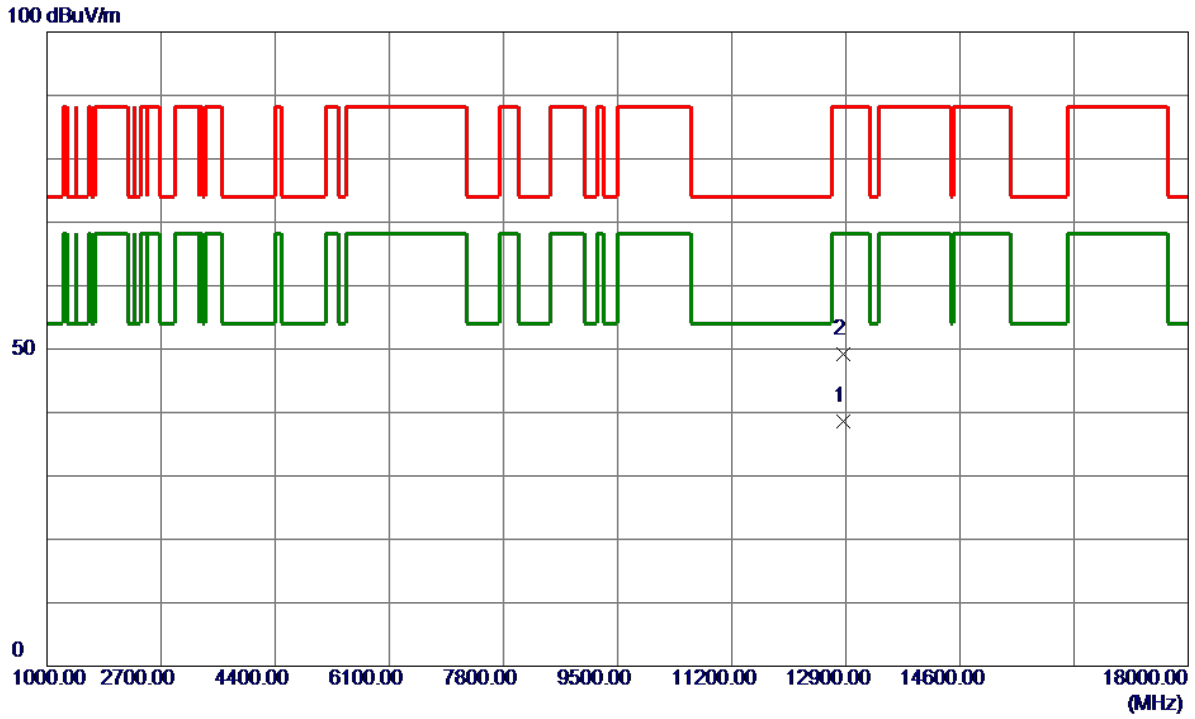
Test Mode	UNII-5_TX BE20 Mode 6415 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	12845.8500	38.28	11.42	49.70	88.20	-38.50	Peak	
2 *	12852.6000	27.00	11.42	38.42	68.20	-29.78	AVG	

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

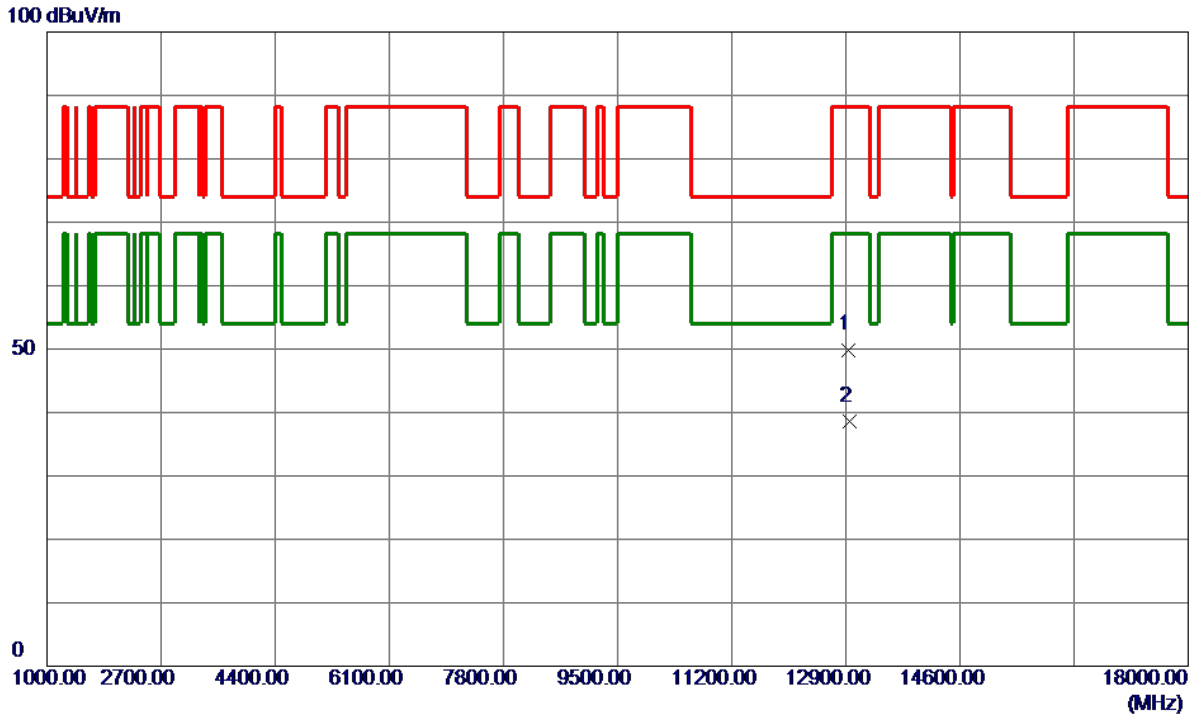
Test Mode	UNII-6_TX BE20 Mode 6435 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	12868.8000	27.13	11.43	38.56	68.20	-29.64	AVG	
2	12871.3500	37.81	11.43	49.24	88.20	-38.96	Peak	

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

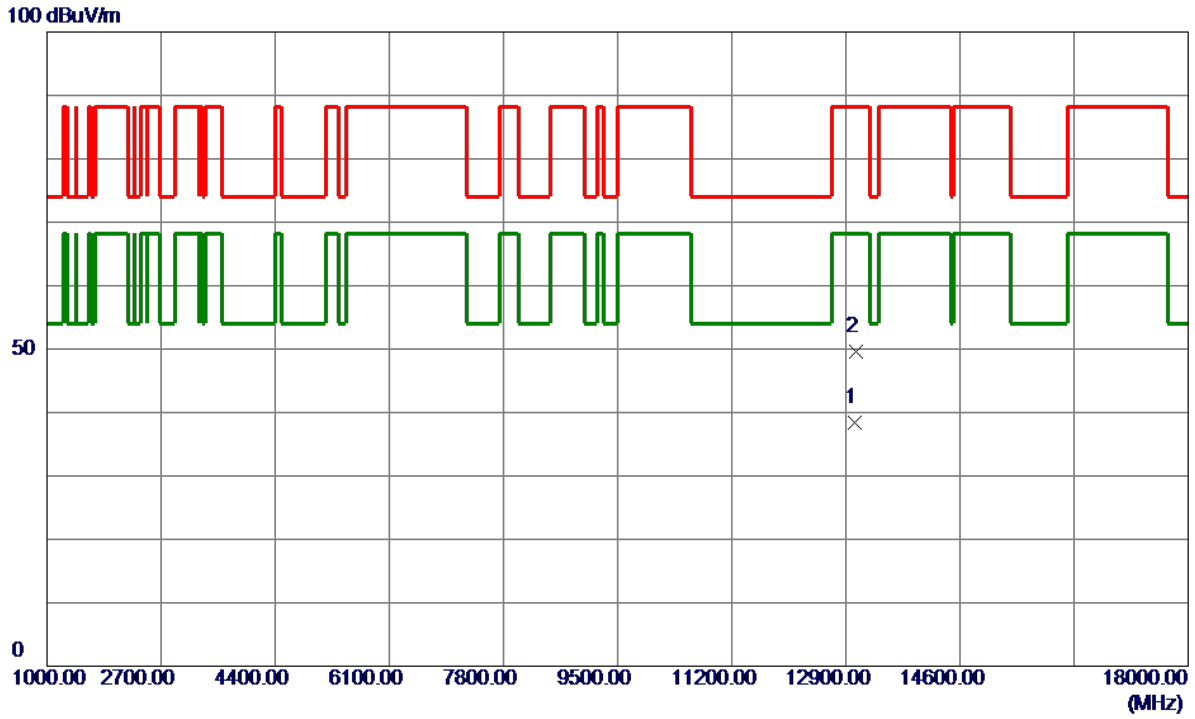
Test Mode	UNII-6_TX BE20 Mode 6475 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	12946.1000	38.43	11.47	49.90	88.20	-38.30	Peak	
2 *	12949.2000	27.09	11.47	38.56	68.20	-29.64	AVG	

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

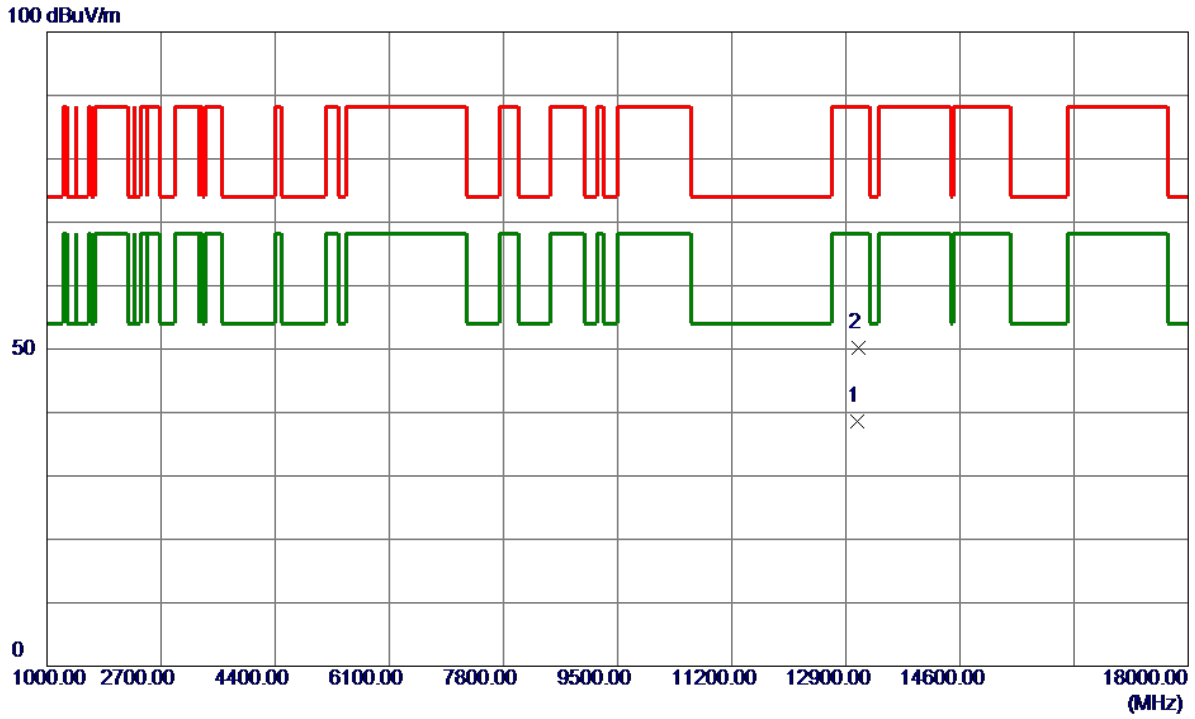
Test Mode	UNII-6_TX BE20 Mode 6515 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13032.6000	27.00	11.48	38.48	68.20	-29.72	AVG	
2	13043.6000	38.12	11.48	49.60	88.20	-38.60	Peak	

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

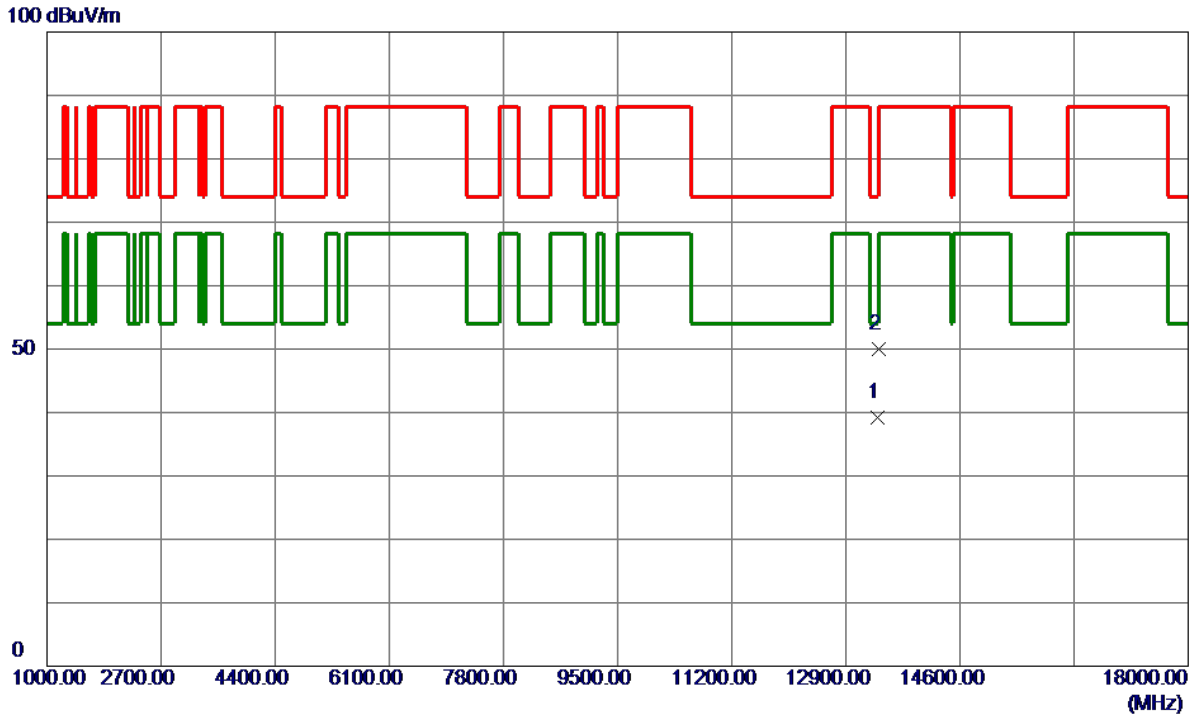
Test Mode	UNII-7_TX BE20 Mode 6535 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13063.0000	27.09	11.47	38.56	68.20	-29.64	AVG	
2	13090.3500	38.65	11.47	50.12	88.20	-38.08	Peak	

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

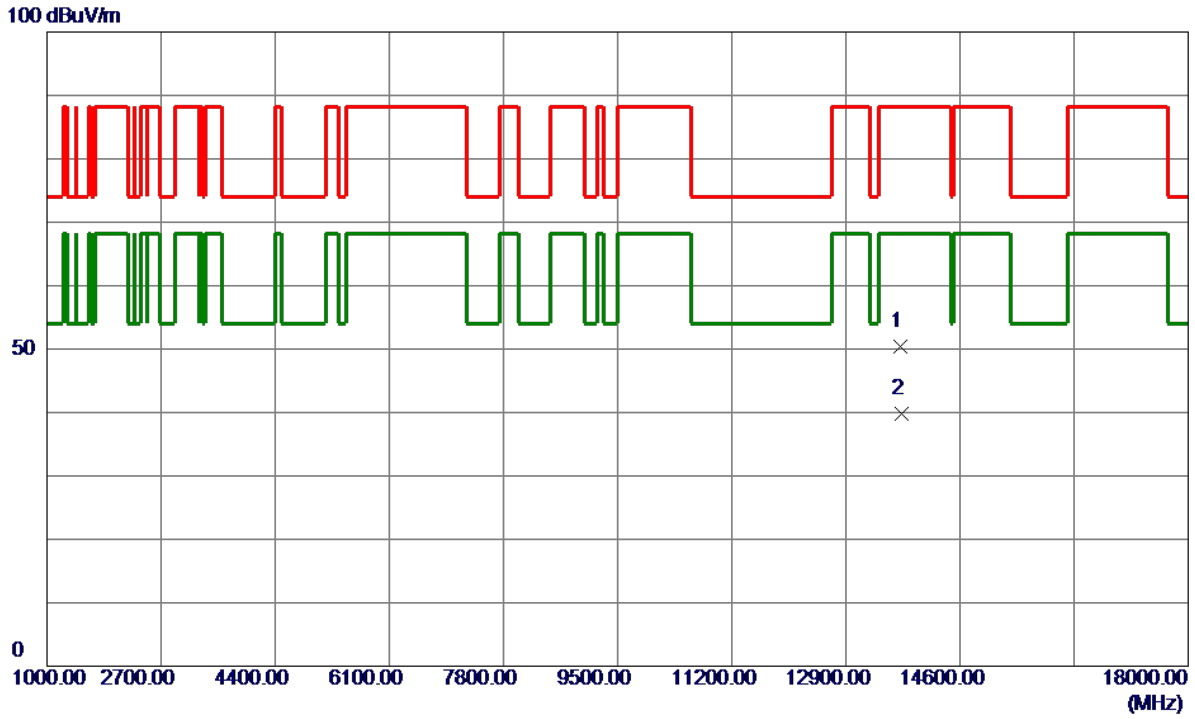
Test Mode	UNII-7_TX BE20 Mode 6695 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13371.4000	27.78	11.39	39.17	54.00	-14.83	AVG	
2	13382.7500	38.54	11.39	49.93	74.00	-24.07	Peak	

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

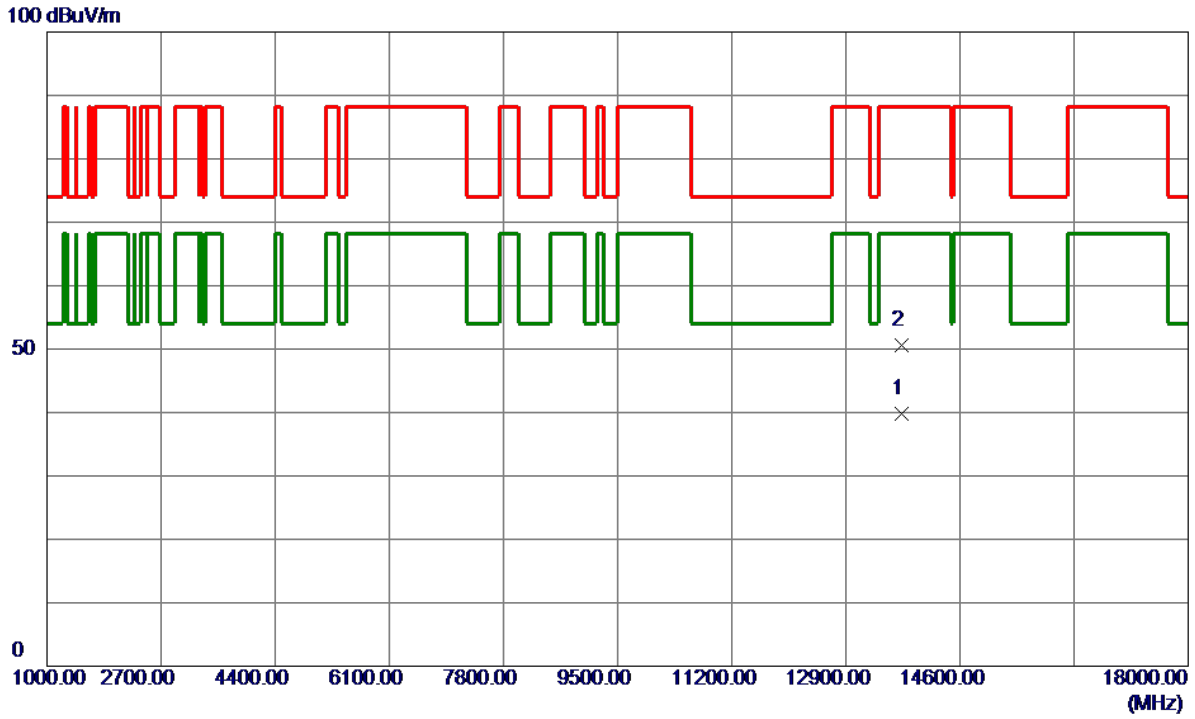
Test Mode	UNII-7_TX BE20 Mode 6855 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	13706.6000	39.01	11.39	50.40	88.20	-37.80	Peak	
2 *	13734.8000	28.44	11.39	39.83	68.20	-28.37	AVG	

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

Test Mode	UNII-8_TX BE20 Mode 6875 MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	13730.5000	28.35	11.39	39.74	68.20	-28.46	AVG	
2	13731.0000	39.25	11.39	50.64	88.20	-37.56	Peak	

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