



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2607-1
FCC ID : IHDT56AX4
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : 15E 6 GHz Low Power Indoor Client (6XD)
TEST DATE(S) : Jan. 21, 2026 ~ Feb. 06, 2026

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

Fly Liang

Approved by: Fly Liang



Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China



Table of Contents

1	General Description	5
1.1	Applicant	5
1.2	Manufacturer	5
1.3	Product Feature of Equipment Under Test	5
1.4	Product Specification of Equipment Under Test	6
1.5	Modification of EUT	6
1.6	Specification of Accessory	7
1.7	Testing Location	7
1.8	Test Software	7
1.9	Applicable Standards	8
2	Test Configuration of Equipment Under Test	9
2.1	Carrier Frequency and Channel	9
2.2	Test Mode	11
2.3	Connection Diagram of Test System	13
2.4	Support Unit used in test configuration and system	14
2.5	EUT Operation Test Setup	14
2.6	Measurement Results Explanation Example	14
3	Test Result	15
3.1	26dB & 99% Occupied Bandwidth Measurement	15
3.2	Maximum conducted Output Power and Fundamental Maximum EIRP Measurement	20
3.3	Fundamental Power Spectral Density Measurement	21
3.4	In-Band Emissions (Channel Mask)	23
3.5	Contention Based Protocol	54
3.6	Unwanted Emissions Measurement	63
3.7	AC Conducted Emission Measurement	67
3.8	Antenna Requirements	69
4	List of Measuring Equipment	70
5	Measurement Uncertainty	71
Appendix A. Conducted Test Results		
Appendix B. AC Conducted Emission Test Result		
Appendix C. Radiated Spurious Emission		
Appendix D. Duty Cycle Plots		
Appendix E. Setup Photographs		



History of this test report

Report No.	Version	Description	Issued Date
FR5D1519G	01	Initial issue of report	Feb. 12, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(a)(11)	26dB Emission Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)(8)	Maximum Conducted Output Power	Reporting only	-
3.2	15.407(a)(8)	Fundamental Maximum EIRP	Pass	-
3.3	15.407(a)(8)	Fundamental Power Spectral Density	Pass	-
3.4	15.407(b)(7)	In-Band Emissions (Channel Mask)	Pass	-
3.5	15.407(d)(6)	Contention Based Protocol	Pass	
3.6	15.407(b)	Unwanted Emissions	Pass	Under limit 3.69 dB at 2388.18 MHz
3.7	15.207	AC Conducted Emission	Pass	Under limit 12.12 dB at 0.560 MHz
3.8	15.203 15.407(a)	Antenna Requirement	Pass	-

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



1 General Description

1.1 Applicant

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2607-1
FCC ID	IHDT56AX4
IMEI Code	Conducted: 354229400034010-354229400034028 Conduction: 354229400035538/354229400035546 Radiation: 354229400035611/354229400035629 CBP: 354229400038938/354229400038946
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx 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
Maximum EIRP	<MIMO Ant.5+7> <5925 MHz ~ 7125 MHz > 802.11ax HE20 : 6.31 dBm / 0.0043 W 802.11ax HE40 : 9.73 dBm / 0.0094 W 802.11ax HE80 : 13.32 dBm / 0.0215 W 802.11ax HE160 : 10.12 dBm / 0.0103 W
99% Occupied Bandwidth	802.11ax HE20 : 18.99 MHz 802.11ax HE40 : 37.81 MHz 802.11ax HE80 : 77.57 MHz 802.11ax HE160 : 156.92 MHz
Antenna Type / Gain	<5925 MHz ~ 6425 MHz > <Ant. 5> : IFA Antenna with gain -6.32 dBi <Ant. 7> : Loop Antenna with gain -6.59 dBi <6425 MHz ~ 6525 MHz > <Ant. 5> : IFA Antenna with gain -6.69 dBi <Ant. 7> : Loop Antenna with gain -6.5 dBi <6525 MHz ~ 6875 MHz > <Ant. 5> : IFA Antenna with gain -6.42 dBi <Ant. 7> : Loop Antenna with gain -6.1 dBi <6875 MHz ~ 7125 MHz > <Ant. 5> : IFA Antenna with gain -6.18 dBi <Ant. 7> : Loop Antenna with gain -6.37 dBi
Type of Modulation	802.11ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)

Remark:

1. WIFI MIMO support CDD by manufacturer declared.
2. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to the higher normal output power.
3. 802.11ax support full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH) are tested for conducted power/PSD/Channel Mask in appendix A, all the other test case were performed with full RU with its maximum power/PSD.
4. The EUT does not support channel puncturing mode.
5. The device does not support UNII-8 CH233 (BW=20M, Center Frequency = 7115MHz).
6. CBP test with antenna path of minimum gain (Antenna 5, Minimum gain= -6.69 dBi).

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Specification of Accessory

Specification of Accessory				
AC Adapter 1 US	Brand Name	Motorola(Salcomp)	Model Name	MC-901
AC Adapter 1 EU	Brand Name	Motorola(Salcomp)	Model Name	MC-902
AC Adapter 1 UK	Brand Name	Motorola(Salcomp)	Model Name	MC-903
AC Adapter 1 AR	Brand Name	Motorola(Salcomp)	Model Name	MC-906
AC Adapter 1 BR	Brand Name	Motorola(Salcomp)	Model Name	MC-907
AC Adapter 2 US	Brand Name	Motorola(AOHAI)	Model Name	MC-901
AC Adapter 2 EU	Brand Name	Motorola(AOHAI)	Model Name	MC-902
AC Adapter 2 UK	Brand Name	Motorola(AOHAI)	Model Name	MC-903
AC Adapter 2 AR	Brand Name	Motorola(AOHAI)	Model Name	MC-906
AC Adapter 2 BR	Brand Name	Motorola(AOHAI)	Model Name	MC-907
Battery	Brand Name	Motorola(AmpereX)	Model Name	ST65
USB Cable 1	Brand Name	Motorola(SAIBAO)	Model Name	SC18D71644
USB Cable 2	Brand Name	Motorola(Luxshare)	Model Name	SC18E08104
USB Cable 3	Brand Name	Motorola(SAIBAO)	Model Name	SC18D86731
USB Cable 4	Brand Name	Motorola(Luxshare)	Model Name	SC18E08103
Magnetic Protective Cover	Brand Name	Motorola(Topwell)	Model Name	SS68F08251

1.7 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ; DFS01-SZ; CO02-SZ ; 03CH04-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24
2.	CO02-SZ	AUDIX	E3	6.120613b



1.9 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2020+Cor.1-2023

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

<U-NII-5, 6, 7, 8>

BW 20M	Channel	-	1	5	9	13	17	21	25	29
	Freq. (MHz)	-	5955	5975	5995	6015	6035	6055	6075	6095
BW 40M	Channel	3			11		19		27	
	Freq. (MHz)	5965			6005		6045		6085	
BW 80M	Channel	7					23			
	Freq. (MHz)	5985					6065			
BW 160M	Channel	15								
	Freq. (MHz)	6025								

BW 20M	Channel	33	37	41	45	49	53	57	61
	Freq. (MHz)	6115	6135	6155	6175	6195	6215	6235	6255
BW 40M	Channel	35		43		51		59	
	Freq. (MHz)	6125		6165		6205		6245	
BW 80M	Channel	39				55			
	Freq. (MHz)	6145				6225			
BW 160M	Channel	47							
	Freq. (MHz)	6185							

BW 20M	Channel	65	69	73	77	81	85	89	93
	Freq. (MHz)	6275	6295	6315	6335	6355	6375	6395	6415
BW 40M	Channel	67		75		83		91	
	Freq. (MHz)	6285		6325		6365		6405	
BW 80M	Channel	71				87			
	Freq. (MHz)	6305				6385			
BW 160M	Channel	79							
	Freq. (MHz)	6345							



BW 20M	Channel	97	101	105	109	113	117	121	125
	Freq. (MHz)	6435	6455	6475	6495	6515	6535	6555	6575
BW 40M	Channel	99		107		115		123	
	Freq. (MHz)	6445		6485		6525		6565	
BW 80M	Channel	103				119			
	Freq. (MHz)	6465				6545			
BW 160M	Channel	111							
	Freq. (MHz)	6505							

BW 20M	Channel	129	133	137	141	145	149	153	157
	Freq. (MHz)	6595	6615	6635	6655	6675	6695	6715	6735
BW 40M	Channel	131		139		147		155	
	Freq. (MHz)	6605		6645		6685		6725	
BW 80M	Channel	135				151			
	Freq. (MHz)	6625				6705			
BW 160M	Channel	143							
	Freq. (MHz)	6665							

BW 20M	Channel	161	165	169	173	177	181	185	189
	Freq. (MHz)	6755	6775	6795	6815	6835	6855	6875	6895
BW 40M	Channel	163		171		179		187	
	Freq. (MHz)	6765		6805		6845		6885	
BW 80M	Channel	167				183			
	Freq. (MHz)	6785				6865			
BW 160M	Channel	175							
	Freq. (MHz)	6825							

BW 20M	Channel	193	197	201	205	209	213	217	221
	Freq. (MHz)	6915	6935	6955	6975	6995	7015	7035	7055
BW 40M	Channel	195		203		211		219	
	Freq. (MHz)	6925		6965		7005		7045	
BW 80M	Channel	199				215			
	Freq. (MHz)	6945				7025			
BW 160M	Channel	207							
	Freq. (MHz)	6985							

BW 20M	Channel	225	229	-
	Freq. (MHz)	7075	7095	-
BW 40M	Channel	227		
	Freq. (MHz)	7085		

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

Modulation	Data Rate
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : GSM 850 Idle + BT Link + WLAN(6G) Link + USB Cable 1(Charging From Adapter 1)+ Battery
Remark: For Radiated Test Cases, the tests were performed with Adapter 1 and USB Cable 1.	

RSE Co-location modes
WIF 6G 802.11ax HE40 CH227+ WIF 2.4G 802.11ax HE40 CH03 WIF 6G 802.11ax HE40 CH227+ Bluetooth-LE 125K CH39

Ch. #		5925-6425 MHz UNII-5	6425-6525 MHz UNII-6	6525-6875 MHz UNII-7	6875-7125 MHz UNII-8
		802.11ax HE20	802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	001	097	117	189
M	Middle	045	105	149	209
H	High	093	113	181	223
Straddle		-	-	-	185

Ch. #		5925-6425 MHz UNII-5	6425-6525 MHz UNII-6	6525-6875 MHz UNII-7	6875-7125 MHz UNII-8
		802.11ax HE40	802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	003	099	123	195
M	Middle	043	-	147	203
H	High	091	107	179	227
Straddle		-	115	-	187

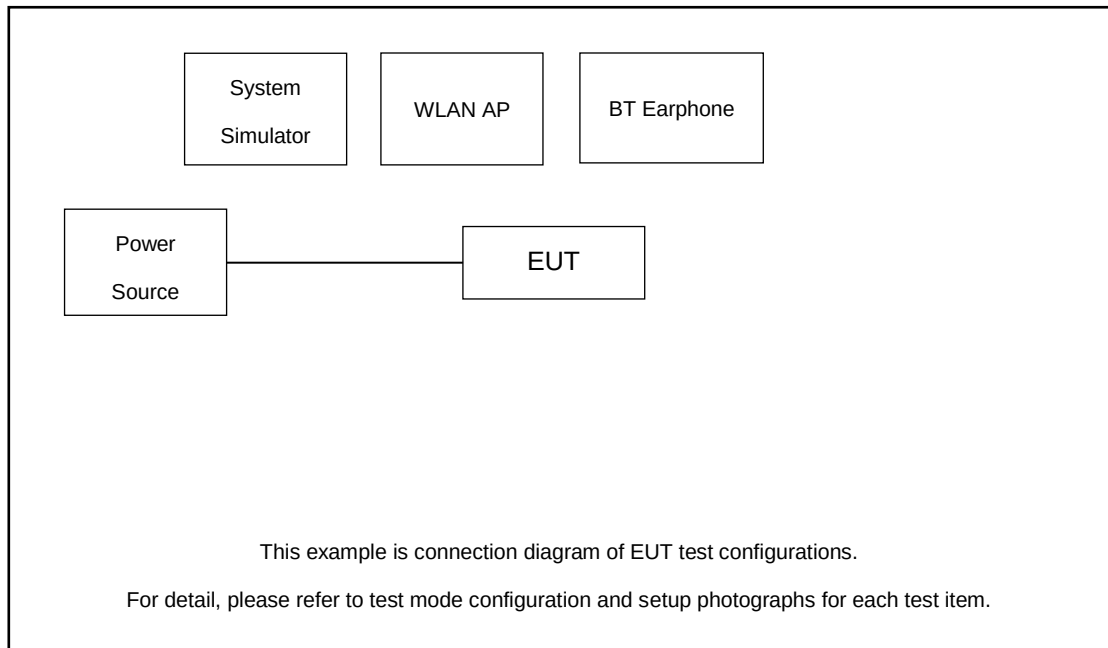
Ch. #		5925-6425 MHz UNII-5	6425-6525 MHz UNII-6	6525-6875 MHz UNII-7	6875-7125 MHz UNII-8
		802.11ax HE80	802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	007	103	135	199
M	Middle	039		151	-
H	High	087		167	215
Straddle		-	119	183	-

Ch. #		5925-6425 MHz UNII-5	6425-6525 MHz UNII-6	6525-6875 MHz UNII-7	6875-7125 MHz UNII-8
		802.11ax HE160	802.11ax HE160	802.11ax HE160	802.11ax HE160
L	Low	015	-	143	207
M	Middle	047			
H	High	079			
Straddle		-	111	175	-

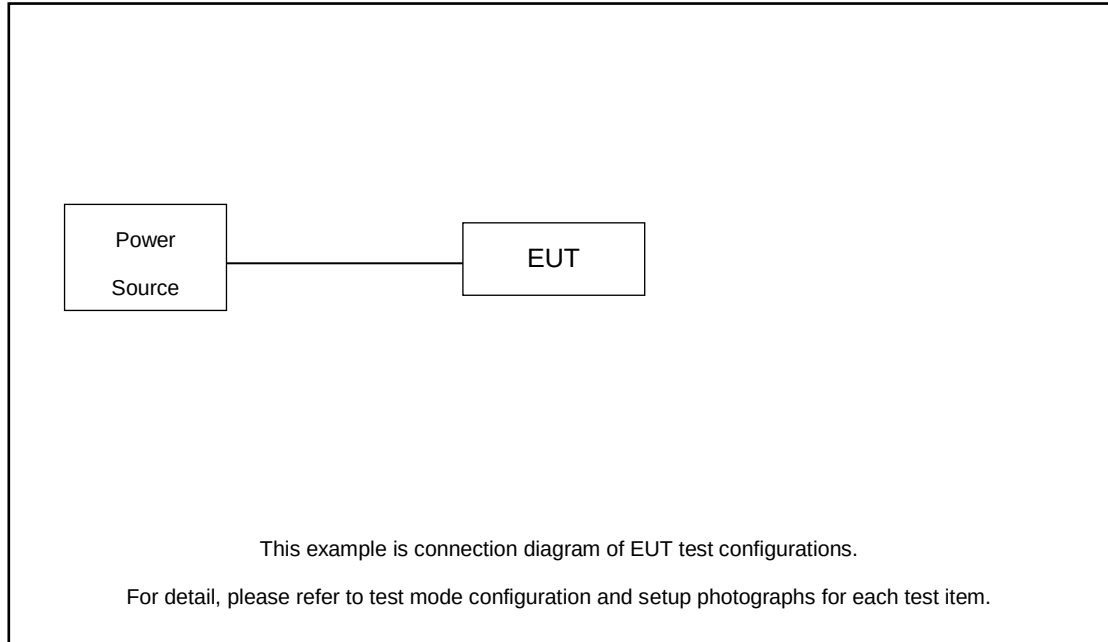
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

For AC Conducted Emission



For Radiated Emission



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station(LTE)	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Bluetooth Earphone	Samsung	EO-MG900	PYAHS-107W	N/A	N/A
3.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded,1.8m

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program (QRCT TX Tool) was provided and enabled to make EUT continuously transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 3.4 dB and 10dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 3.4 + 10 = 13.4 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 CFR 15.407 (a)(11)

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

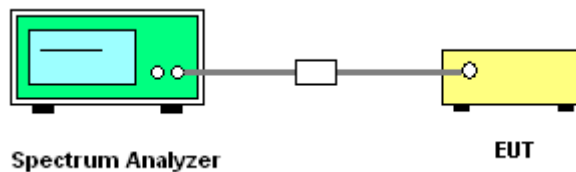
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup

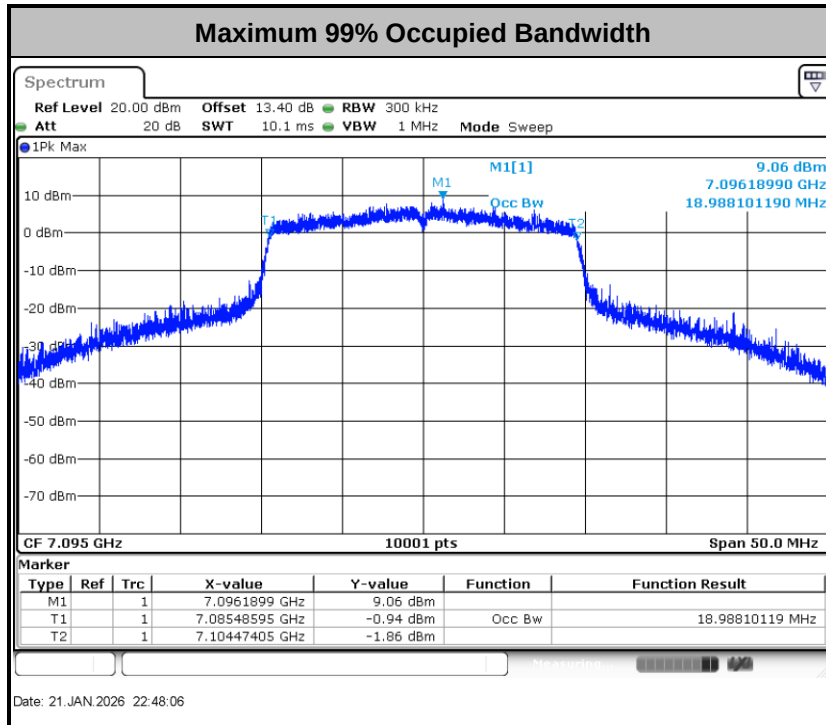
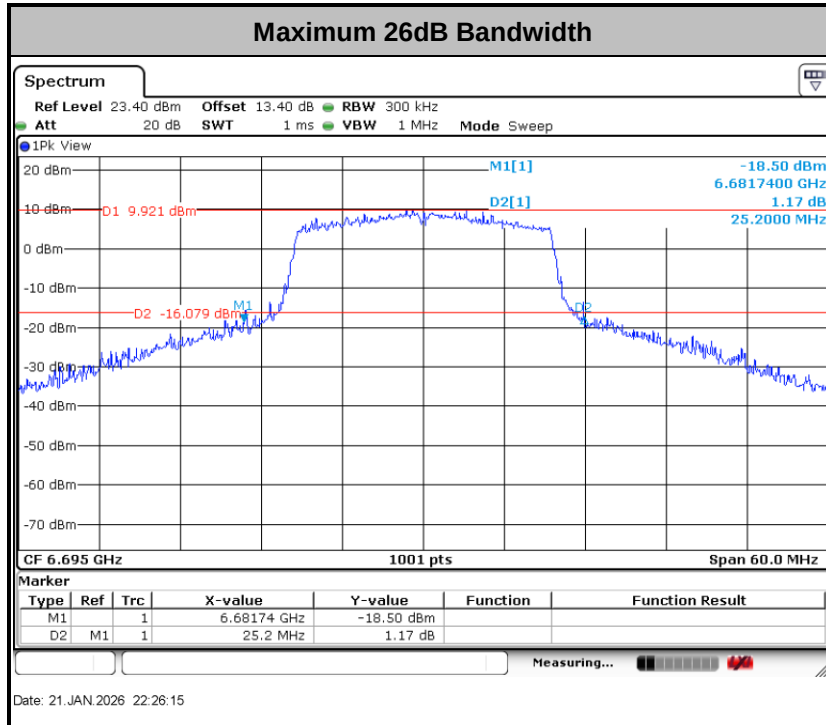


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

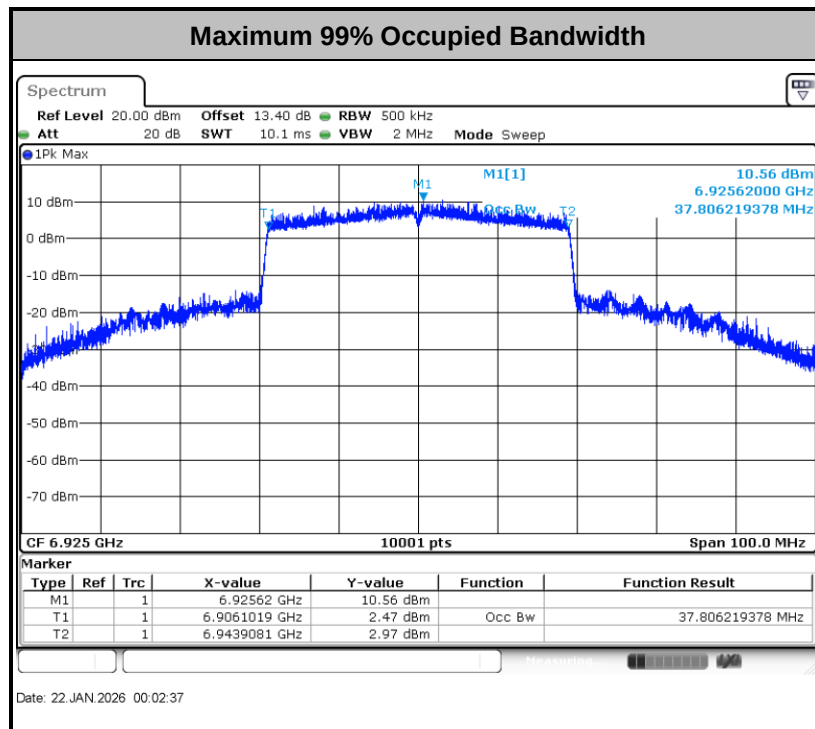
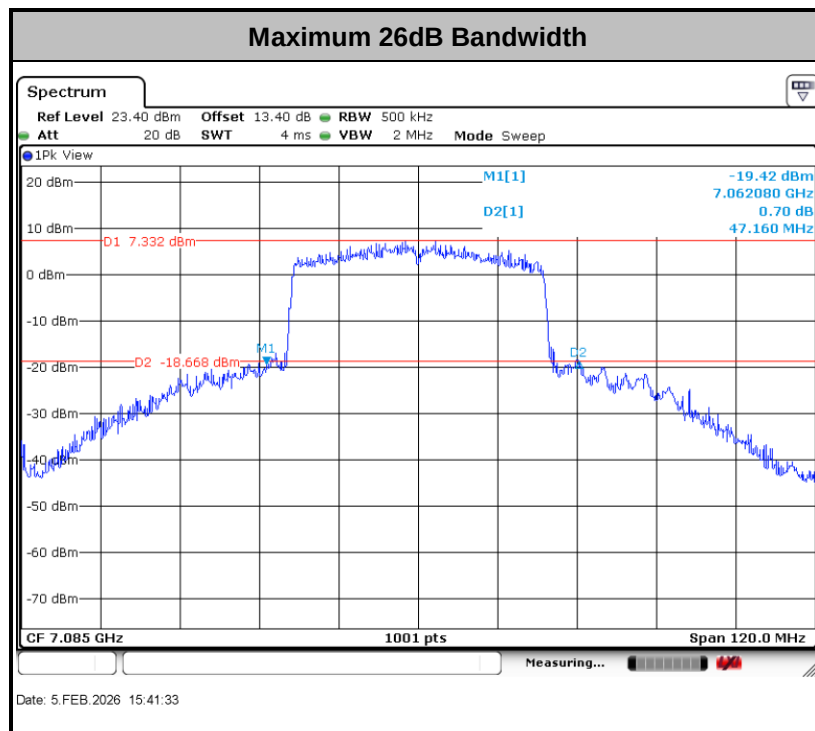


For 20MHz:



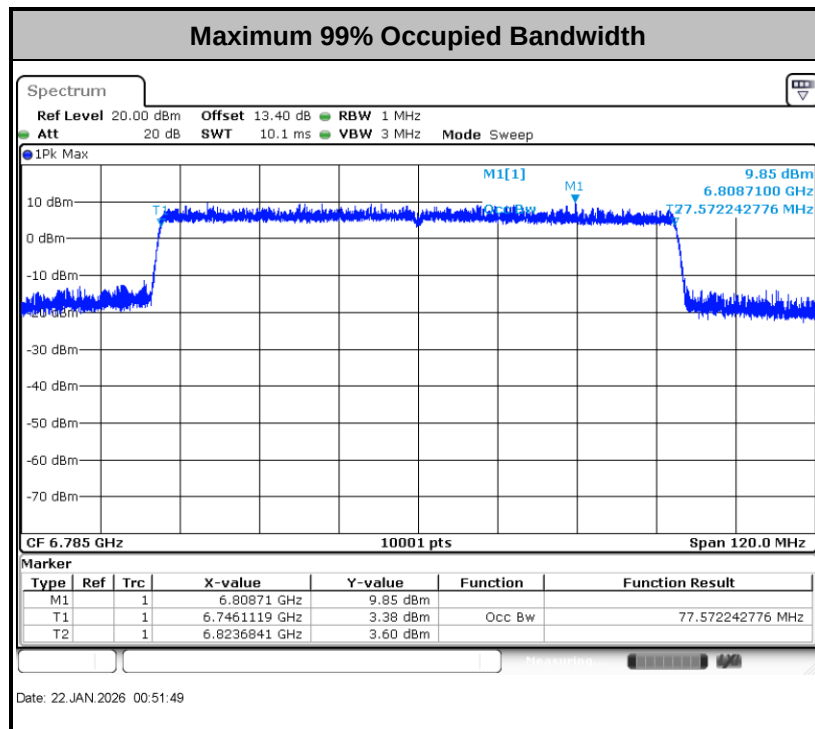
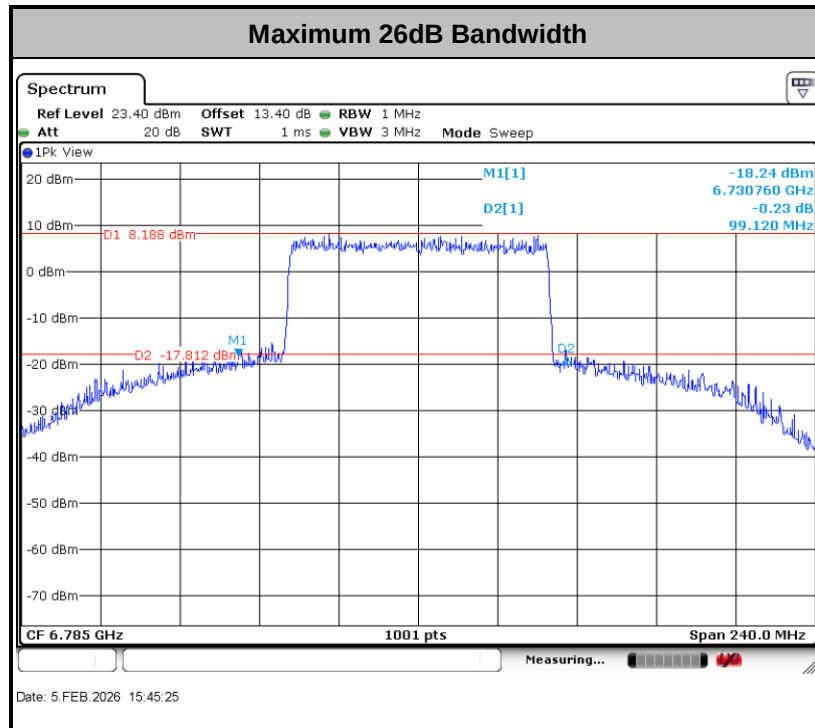


For 40MHz:

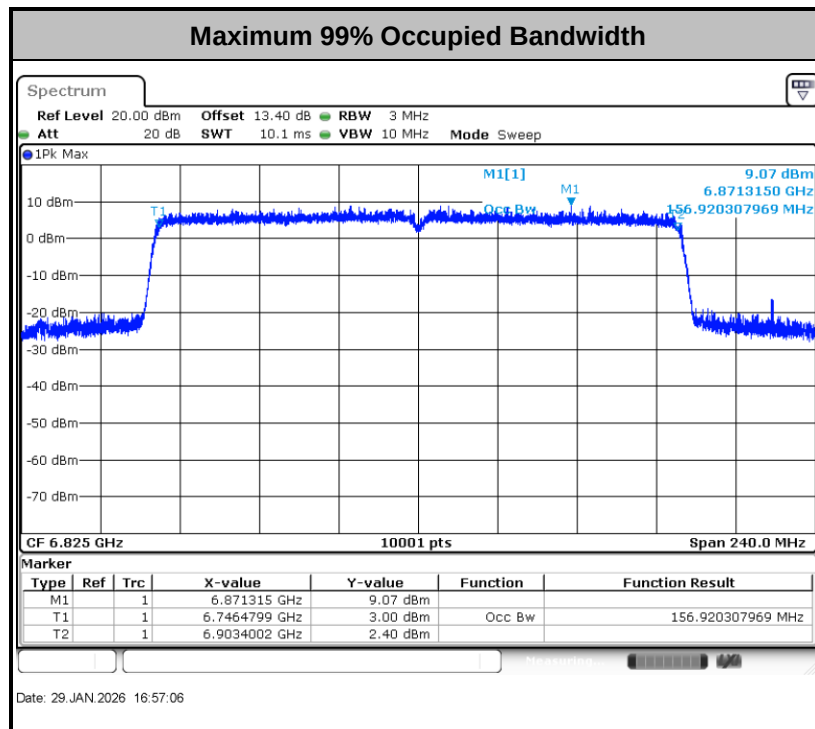
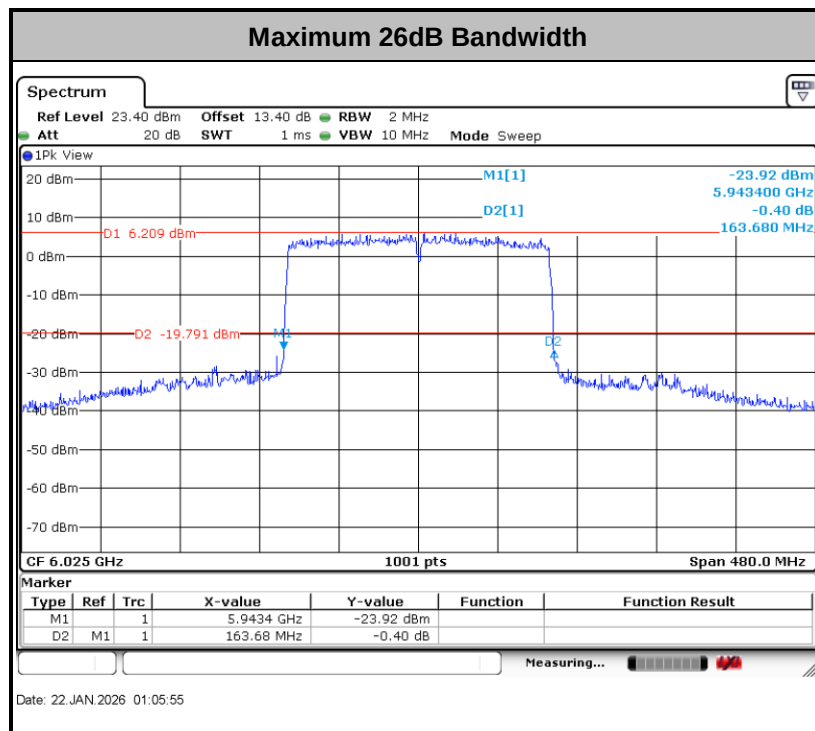




For 80MHz:



For 160MHz:



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Maximum conducted Output Power and Fundamental Maximum EIRP Measurement

3.2.1 Limit of Fundamental Maximum EIRP

(a)(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

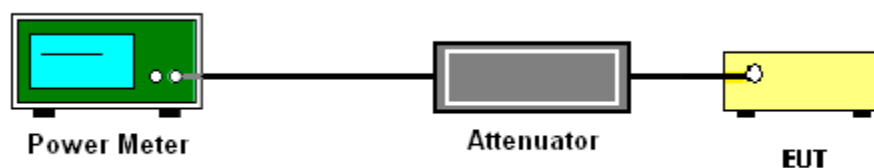
3.2.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, $10 \log(1/x)$, where x is the duty cycle.
4. For MIMO mode, the measure-and-sum technique should be used for measuring the in-band transmit power of a device.

3.2.4 Test Setup



3.2.5 Test Result of Fundamental Maximum EIRP

Please refer to Appendix A.



3.3 Fundamental Power Spectral Density Measurement

3.3.1 Limit of Fundamental Power Spectral Density

(a)(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band.

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

Method SA-2

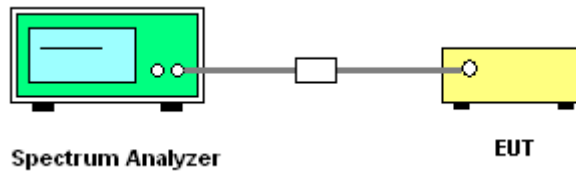
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, attenuator loss and duty factor. Measure the PSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (b): Measure and sum spectral maxima across the outputs.

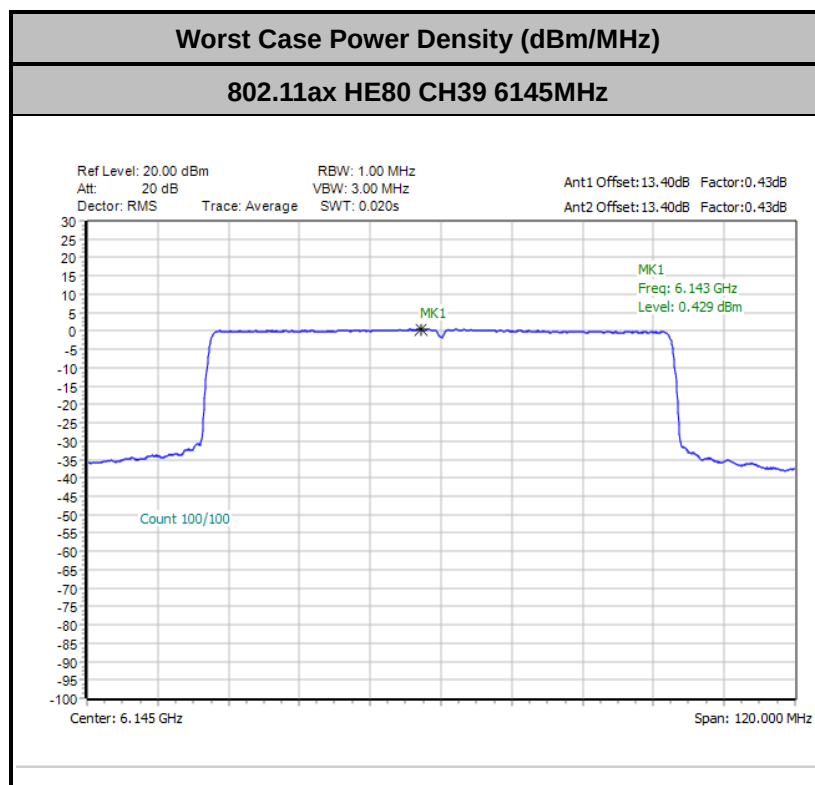
The measurement on each individual output were performed with the same span and number on each individual output. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.





3.4 In-Band Emissions (Channel Mask)

3.4.1 Limit of Unwanted Emissions

(b)(7) For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. 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, and 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. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement.

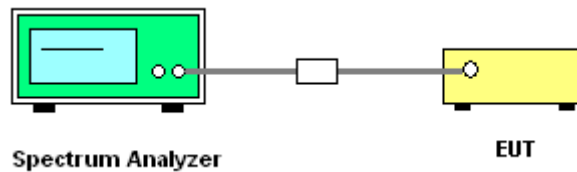
Section J) In-Band Emissions.

1. Take nominal bandwidth as reference channel bandwidth provided that 26 dB emission bandwidth is always larger than nominal bandwidth
2. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
3. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a. Suppressed by 20 dB at 1 MHz outside of the channel edge.
 - b. Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel

center.

4. Adjust the span to encompass the entire mask as necessary.
5. Clear trace.
6. Trace average at least 100 traces in power averaging (rms) mode.
7. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

3.4.4 Test Setup



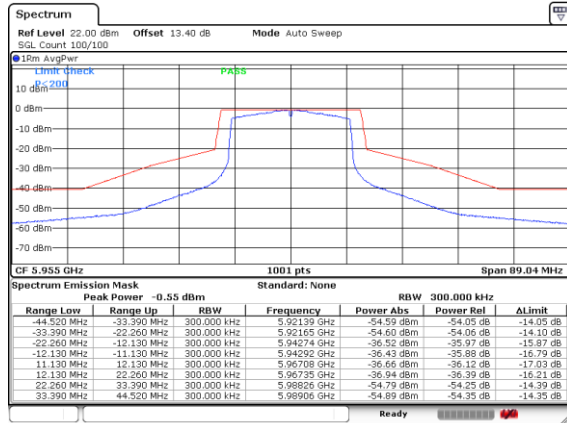


3.4.5 Test Result

MIMO <Ant. 5+7(5)>

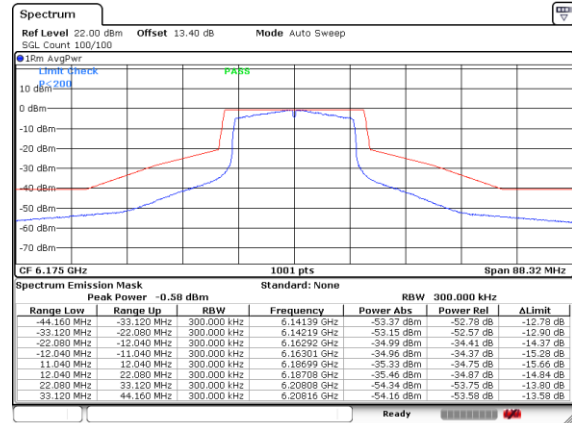
EUT Mode : 802.11ax HE20

Plot on Channel 5955MHz



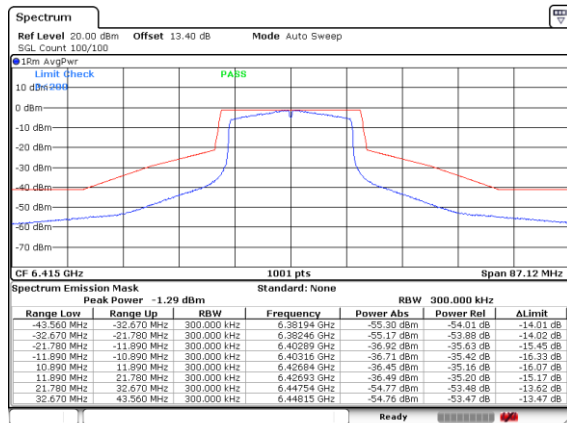
Date: 21 JAN 2026 21:58:36

Plot on Channel 6175MHz



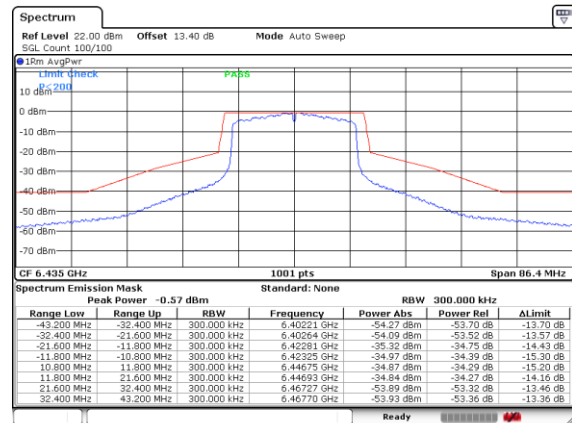
Date: 21 JAN 2026 22:02:01

Plot on Channel 6415MHz



Date: 21 JAN 2026 22:05:40

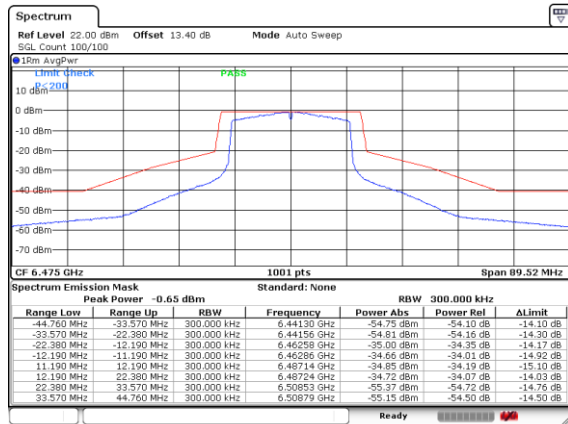
Plot on Channel 6435MHz



Date: 21 JAN 2026 22:10:00

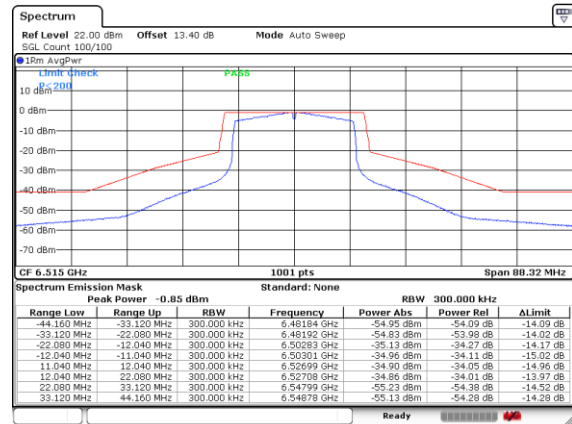


Plot on Channel 6475MHz



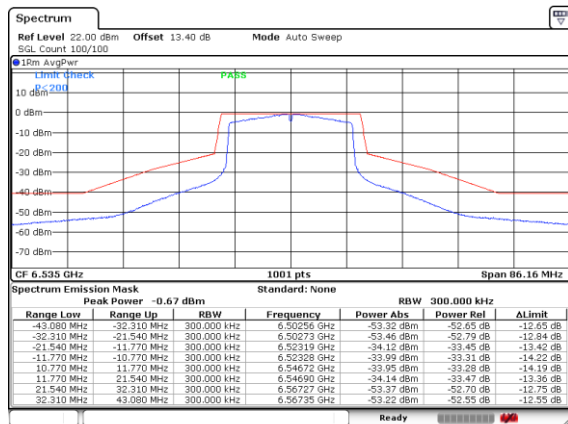
Date: 21 JAN 2026 22:14:28

Plot on Channel 6515MHz



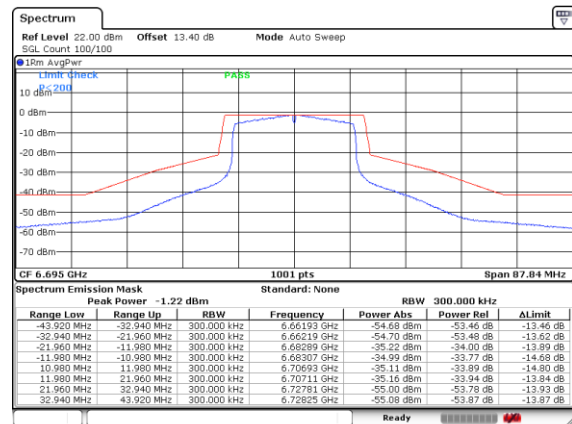
Date: 21 JAN 2026 22:17:47

Plot on Channel 6535MHz



Date: 21 JAN 2026 22:21:23

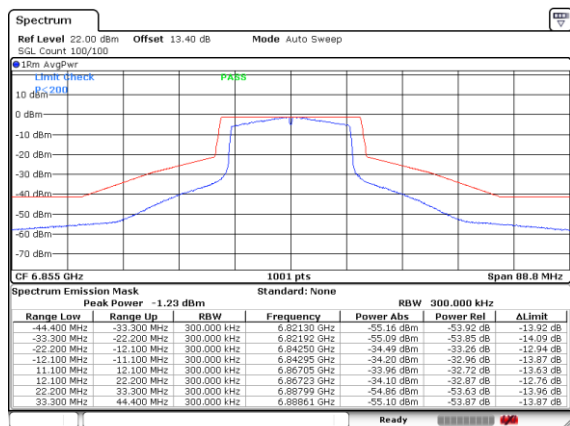
Plot on Channel 6695MHz



Date: 21 JAN 2026 22:24:32

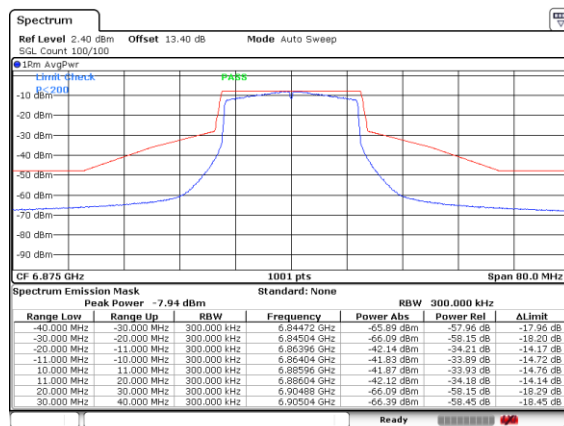


Plot on Channel 6855MHz



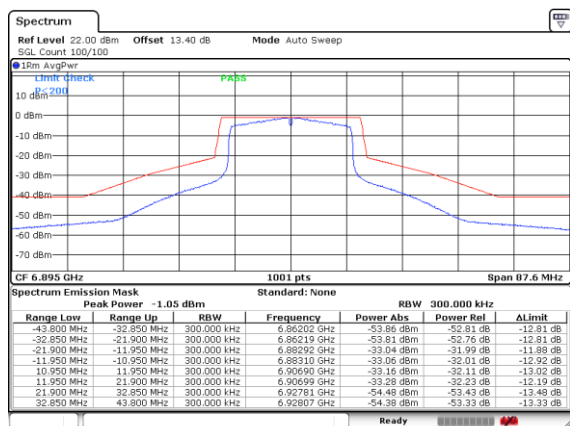
Date: 21 JAN 2026 22:29:06

Plot on Channel 6875MHz



Date: 29 JAN 2026 16:37:17

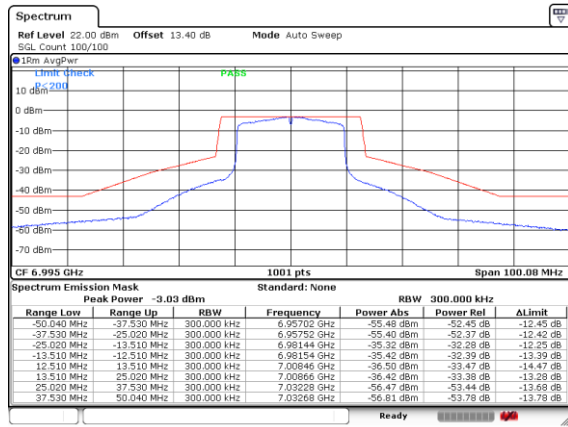
Plot on Channel 6895MHz



Date: 21 JAN 2026 22:36:47

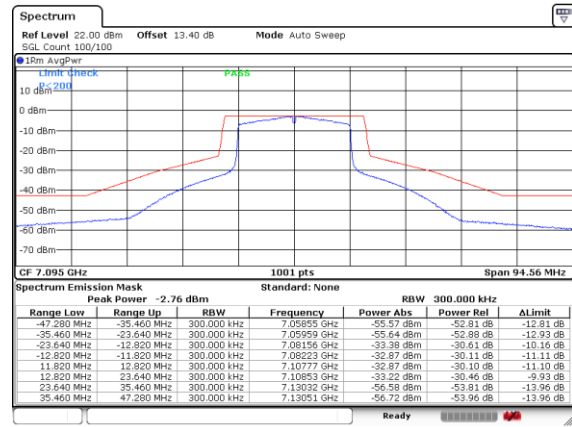


Plot on Channel 6995MHz



Date: 21 JAN 2026 22:42:33

Plot on Channel 7095MHz

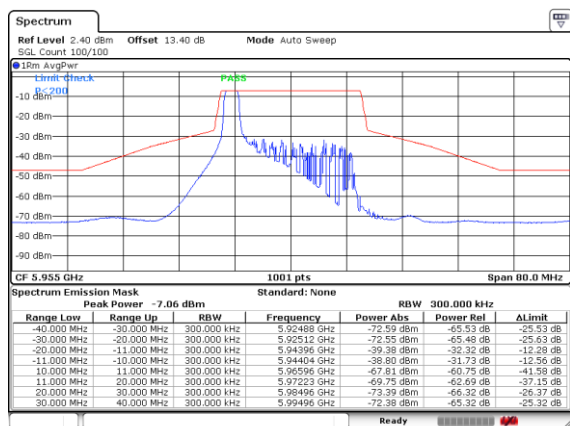


Date: 21 JAN 2026 22:46:25



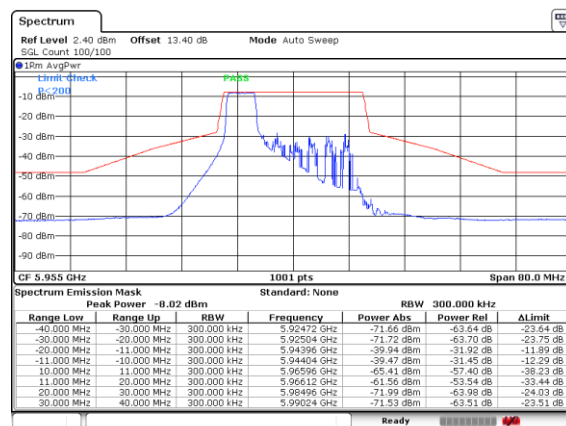
EUT Mode : 802.11ax HE20

Plot on Channel 5955MHz 26RU0



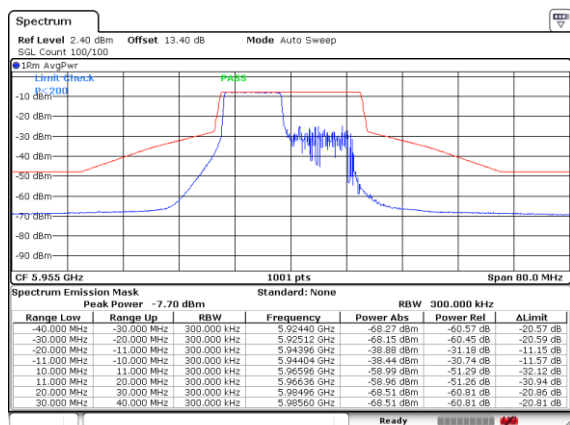
Date: 5 FEB 2026 14:24:17

Plot on Channel 5955MHz 52RU37



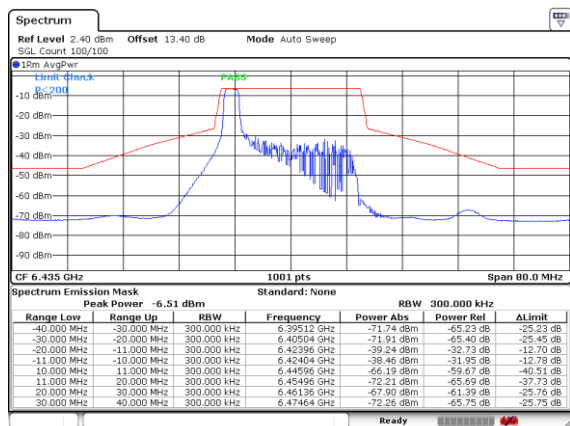
Date: 5 FEB 2026 14:31:54

Plot on Channel 5955MHz 106RU53



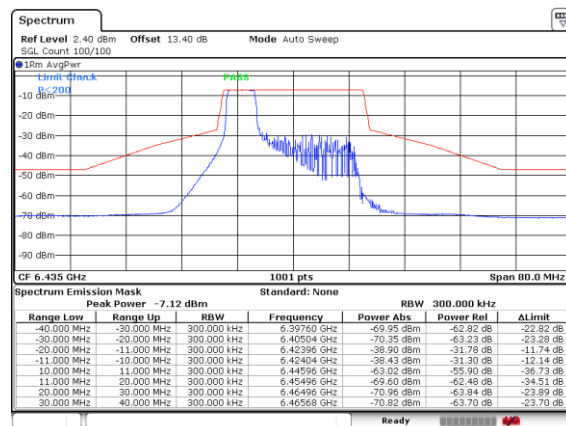
Date: 5 FEB 2026 14:33:12

Plot on Channel 6435MHz 26RU0



Date: 5 FEB 2026 14:45:37

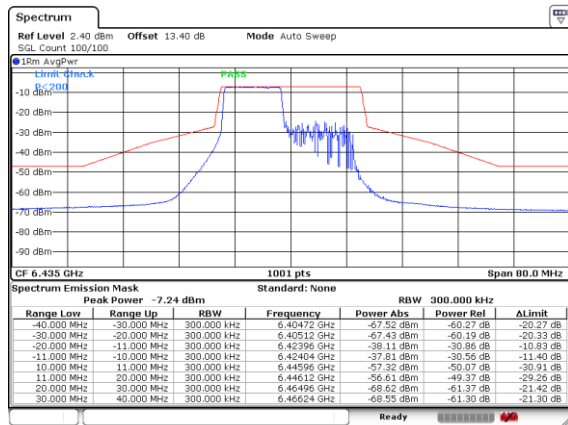
Plot on Channel 6435MHz 52RU37



Date: 5 FEB 2026 14:47:47

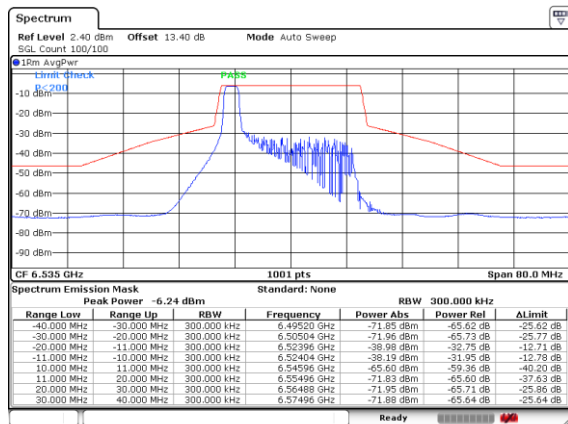


Plot on Channel 6435MHz 106RU53



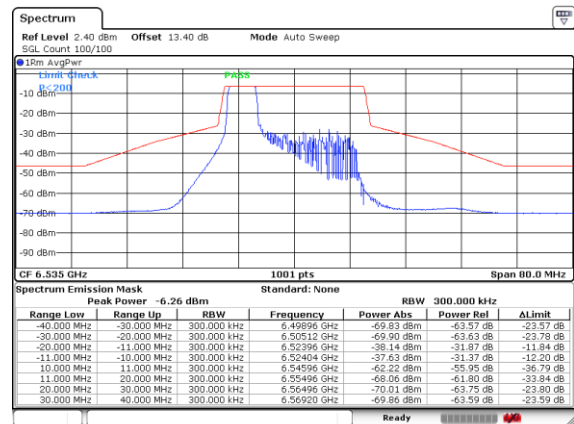
Date: 5 FEB 2026 14:50:03

Plot on Channel 6535MHz 26RU0



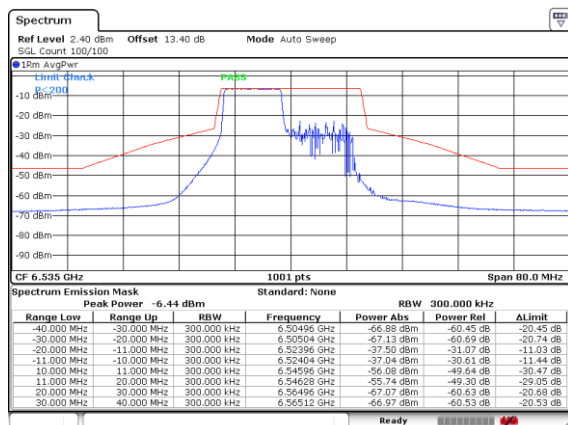
Date: 5 FEB 2026 14:51:50

Plot on Channel 6535MHz 52RU37



Date: 5 FEB 2026 14:53:57

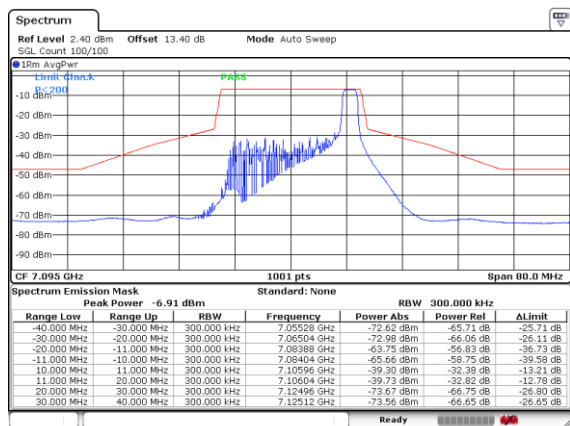
Plot on Channel 6535MHz 106RU53



Date: 5 FEB 2026 14:55:08

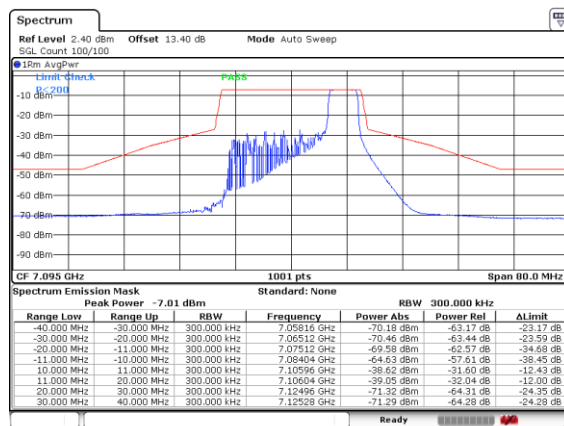


Plot on Channel 7095MHz 26RU8



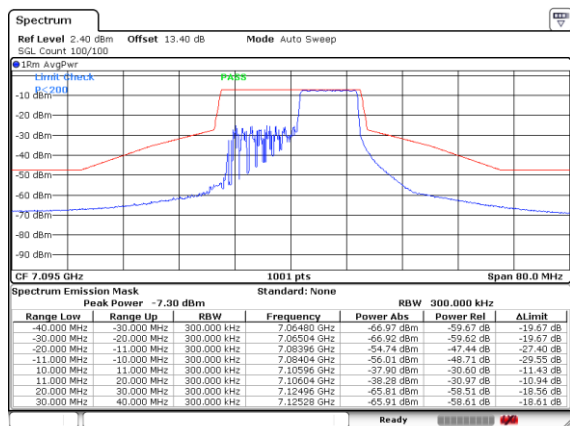
Date: 5 FEB 2026 14:58:24

Plot on Channel 7095MHz 52RU40



Date: 5 FEB 2026 15:00:54

Plot on Channel 7095MHz 106RU54

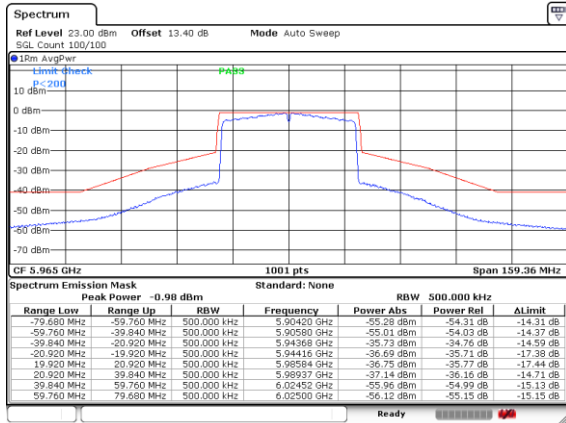


Date: 5 FEB 2026 15:01:52



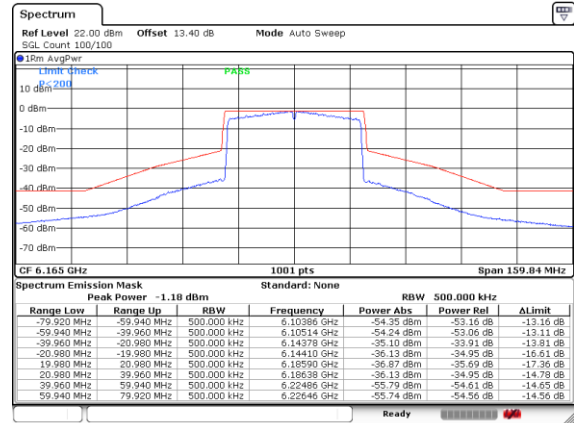
EUT Mode : 802.11ax HE40

Plot on Channel 5965MHz



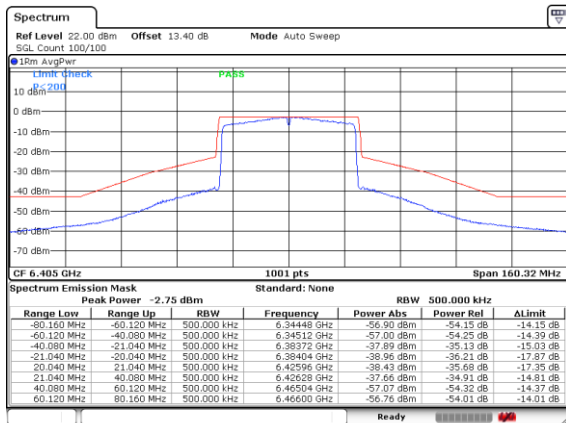
Date: 21 JAN 2026 23:09:11

Plot on Channel 6165MHz



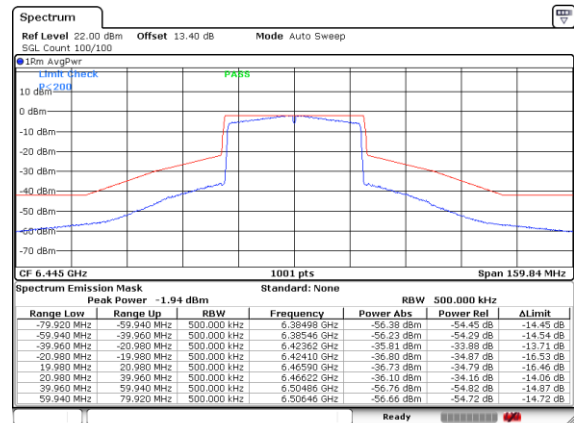
Date: 21 JAN 2026 23:12:34

Plot on Channel 6405MHz



Date: 21 JAN 2026 23:18:18

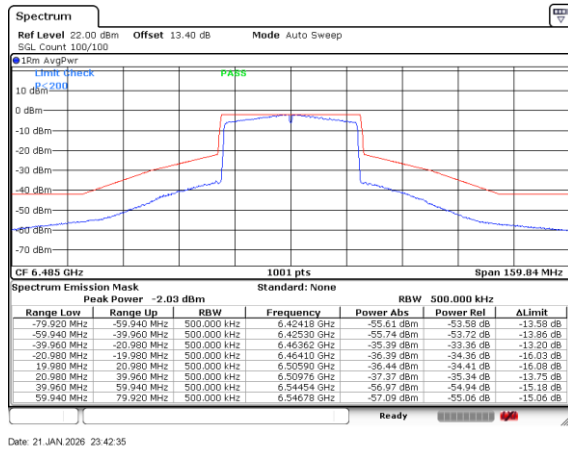
Plot on Channel 6445MHz



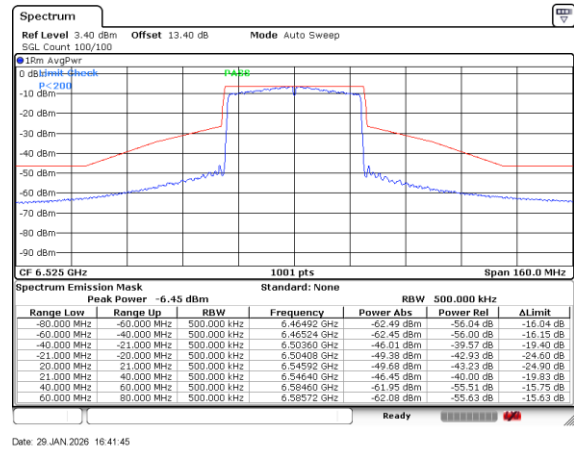
Date: 21 JAN 2026 23:21:35



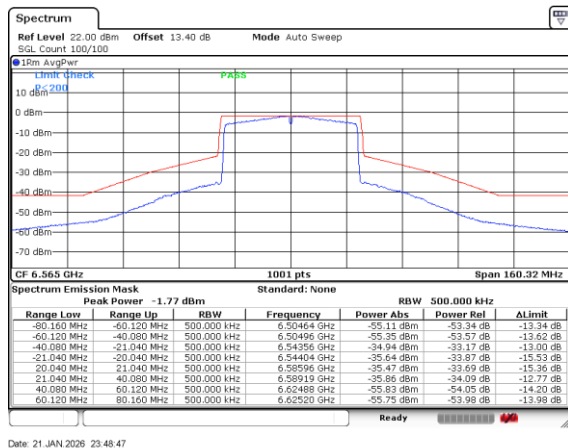
Plot on Channel 6485MHz



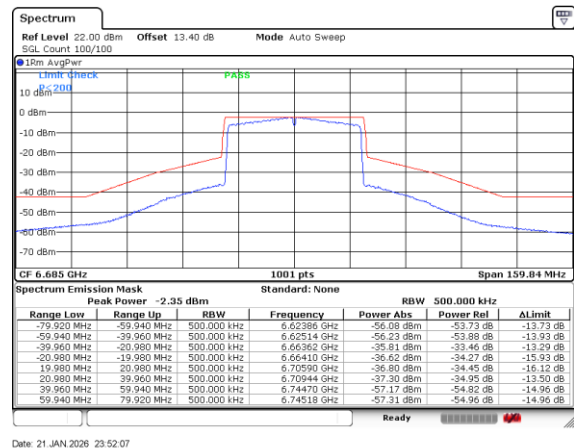
Plot on Channel 6525MHz



Plot on Channel 6565MHz

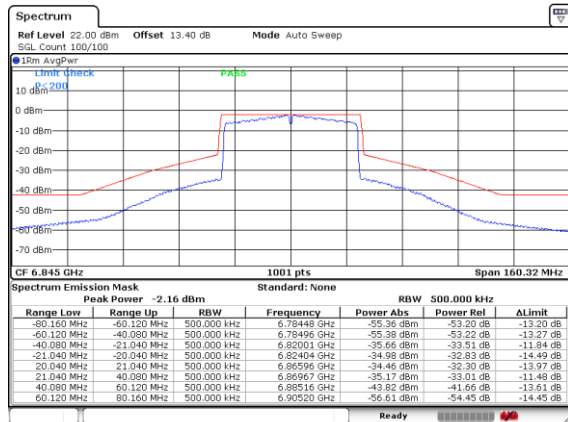


Plot on Channel 6685MHz



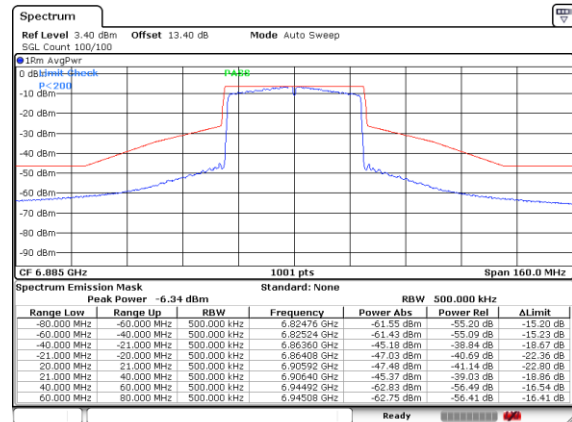


Plot on Channel 6845MHz



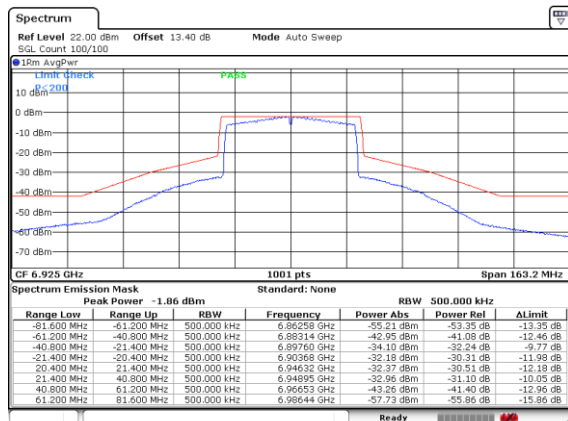
Date: 21 JAN 2026 23:55:17

Plot on Channel 6885MHz



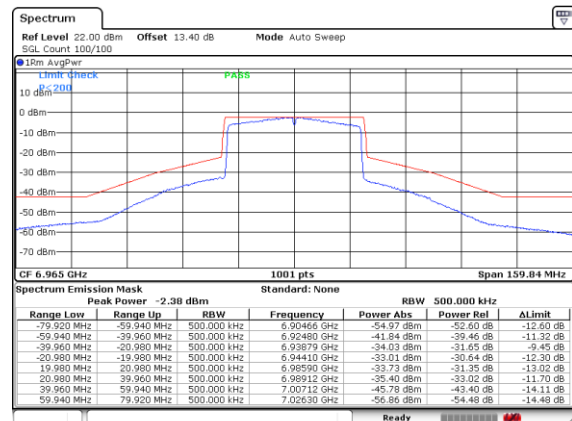
Date: 29 JAN 2026 16:46:11

Plot on Channel 6925MHz



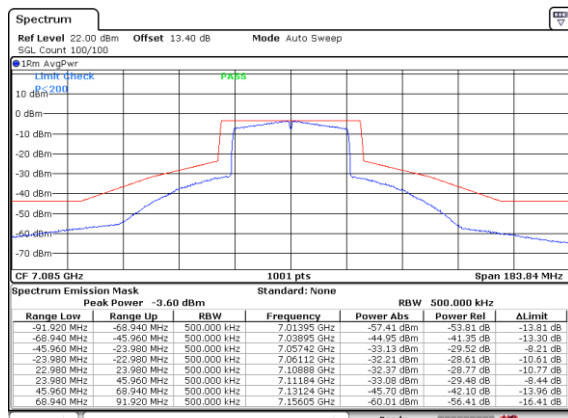
Date: 22 JAN 2026 00:01:20

Plot on Channel 6965MHz



Date: 22 JAN 2026 00:12:27

Plot on Channel 7085MHz

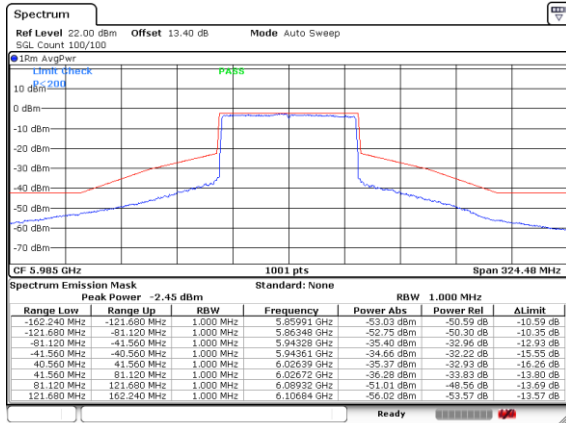


Date: 22 JAN 2026 00:09:25



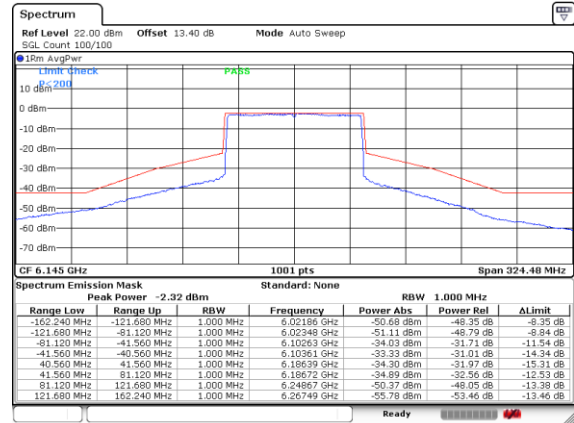
EUT Mode : 802.11ax HE80

Plot on Channel 5985MHz



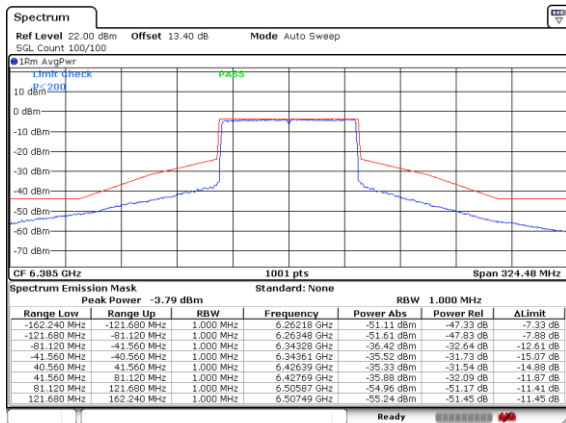
Date: 22 JAN 2026 00:17:44

Plot on Channel 6145MHz



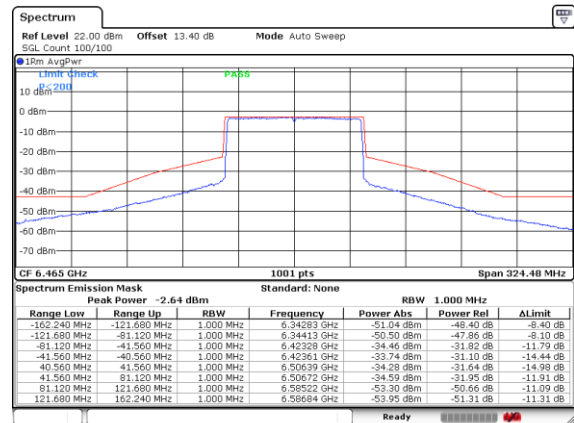
Date: 22 JAN 2026 00:20:32

Plot on Channel 6385MHz



Date: 22 JAN 2026 00:23:20

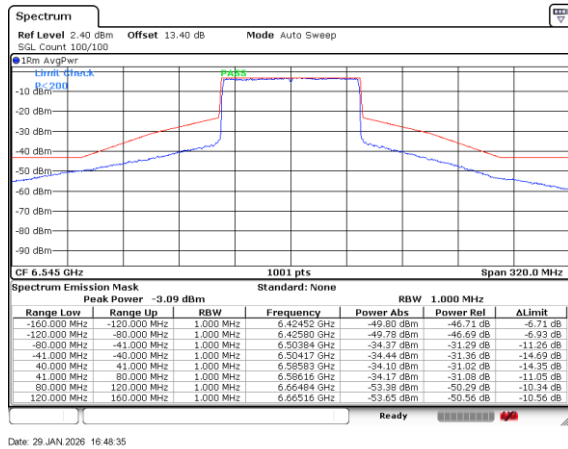
Plot on Channel 6465MHz



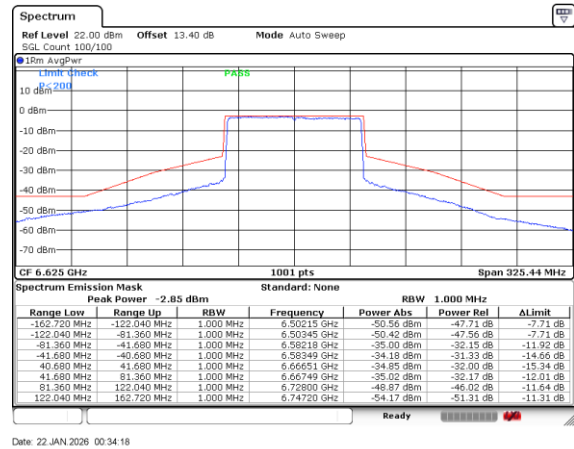
Date: 22 JAN 2026 00:25:57



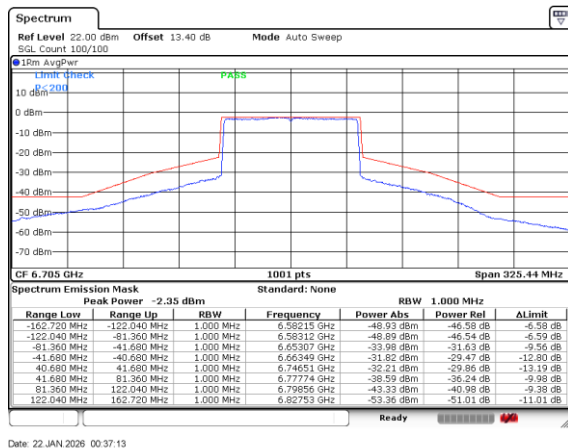
Plot on Channel 6545MHz



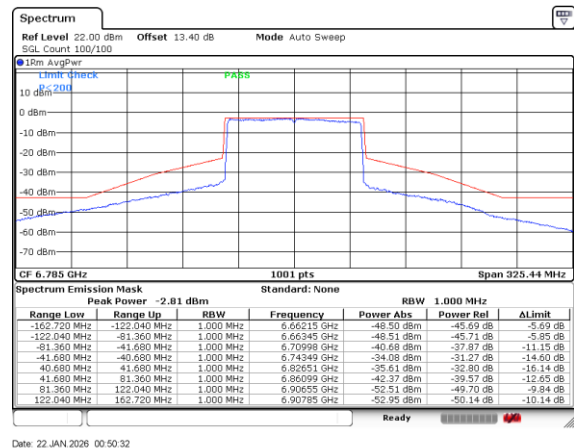
Plot on Channel 6625MHz



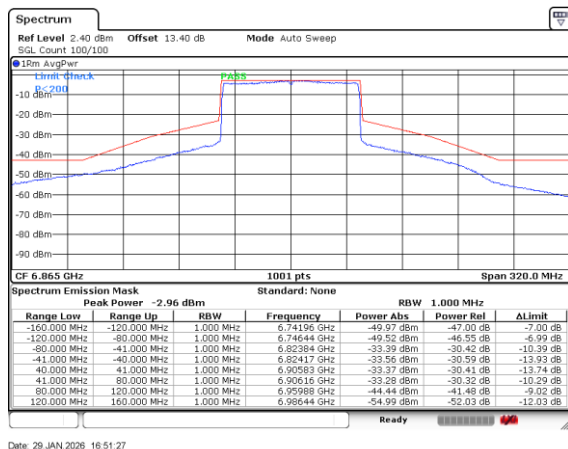
Plot on Channel 6705MHz



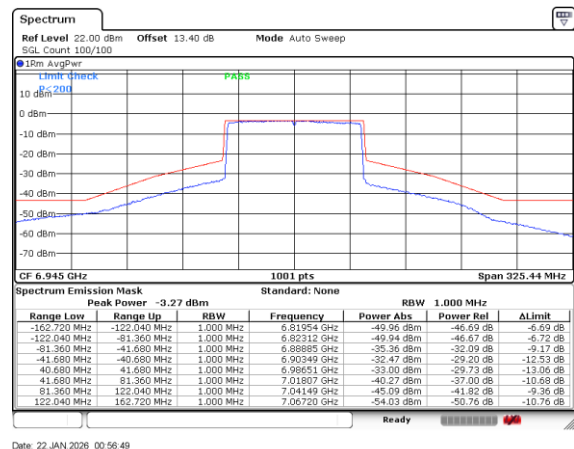
Plot on Channel 6785MHz



Plot on Channel 6865MHz

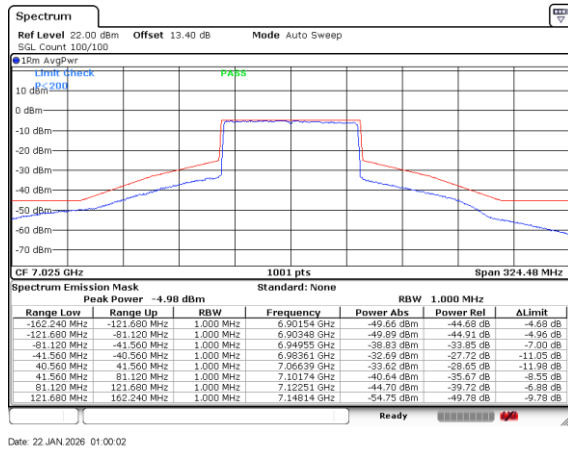


Plot on Channel 6945MHz





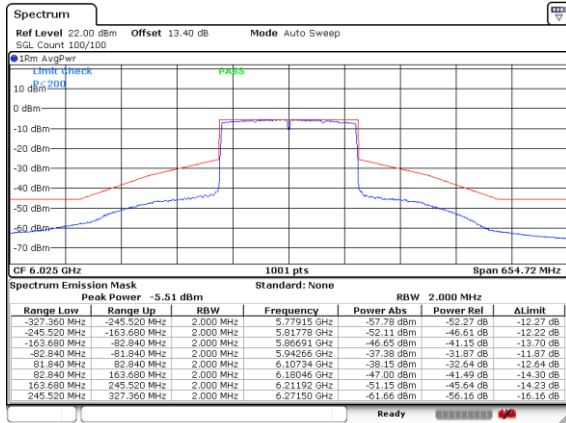
Plot on Channel 7025MHz





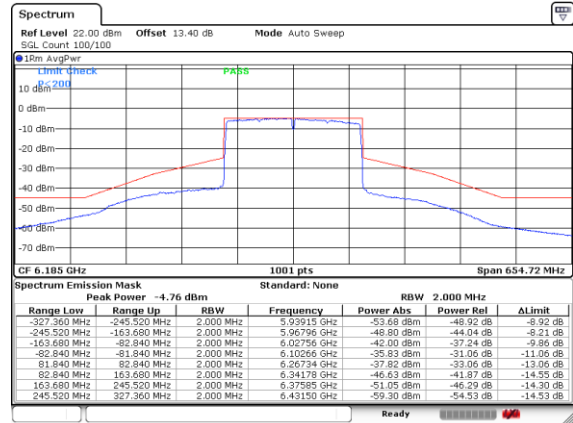
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



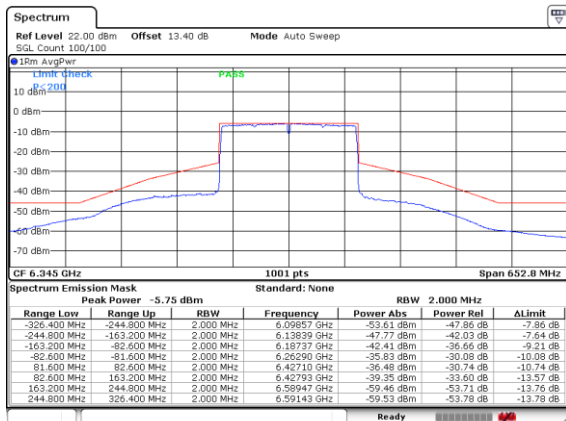
Date: 22 JAN 2026 01:06:25

Plot on Channel 6185MHz



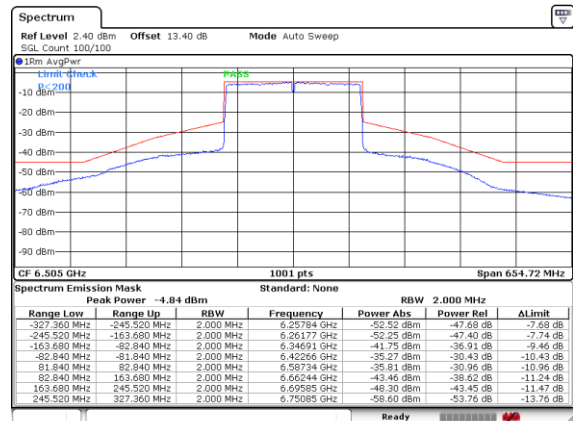
Date: 22 JAN 2026 01:09:43

Plot on Channel 6345MHz



Date: 22 JAN 2026 01:12:46

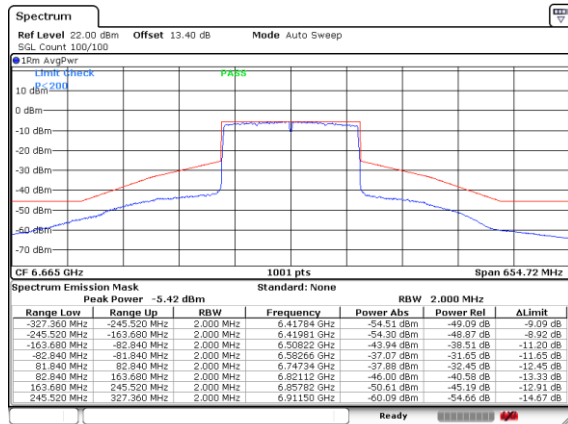
Plot on Channel 6505MHz



Date: 29 JAN 2026 16:55:29

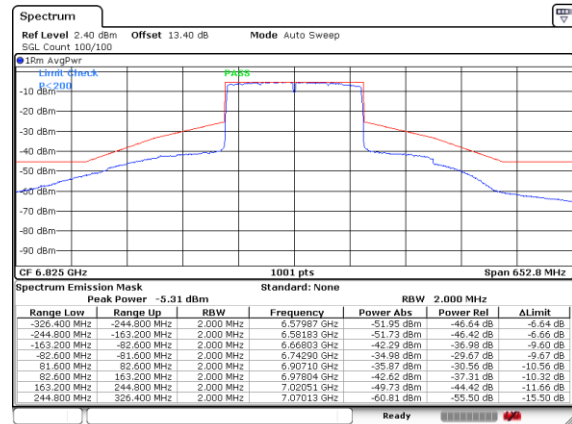


Plot on Channel 6665MHz



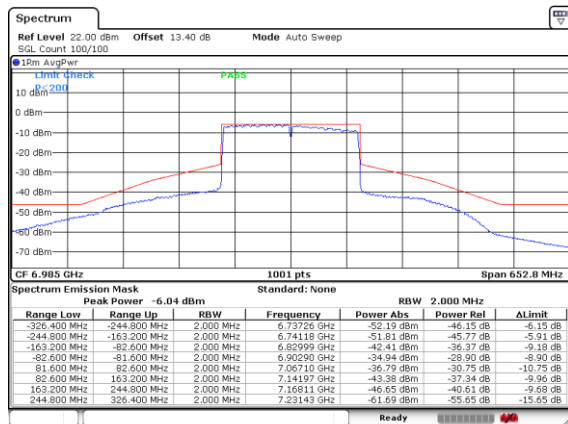
Date: 22 JAN 2026 01:19:09

Plot on Channel 6825MHz



Date: 29 JAN 2026 16:56:49

Plot on Channel 6985MHz



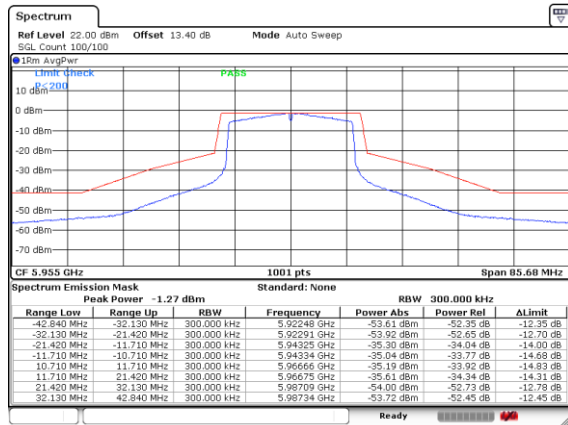
Date: 22 JAN 2026 01:26:53



MIMO <Ant. 5+7(7)>

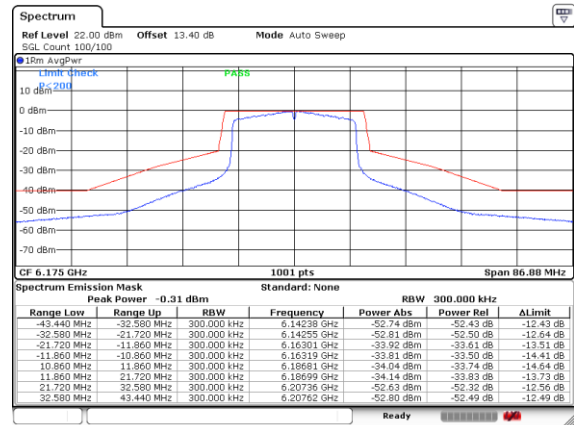
EUT Mode : 802.11ax HE20

Plot on Channel 5955MHz



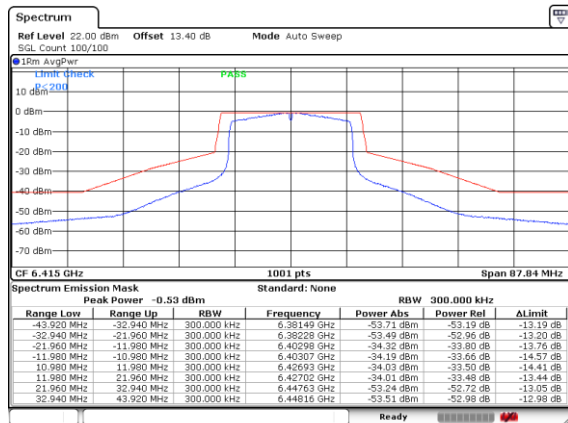
Date: 21 JAN 2026 22:00:42

Plot on Channel 6175MHz



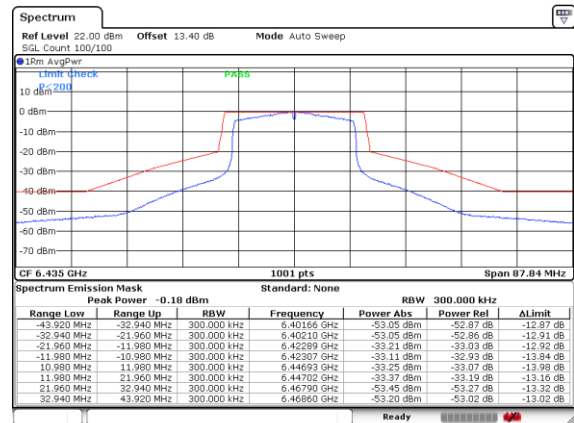
Date: 21 JAN 2026 22:04:01

Plot on Channel 6415MHz



Date: 21 JAN 2026 22:08:44

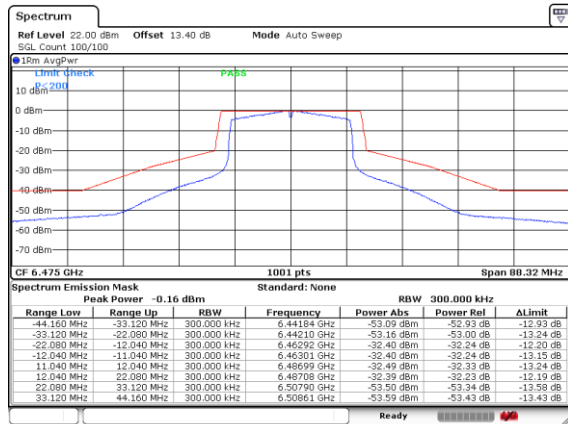
Plot on Channel 6435MHz



Date: 21 JAN 2026 22:12:11

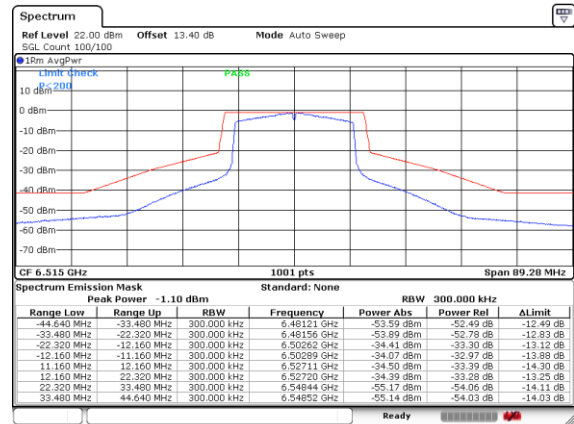


Plot on Channel 6475MHz



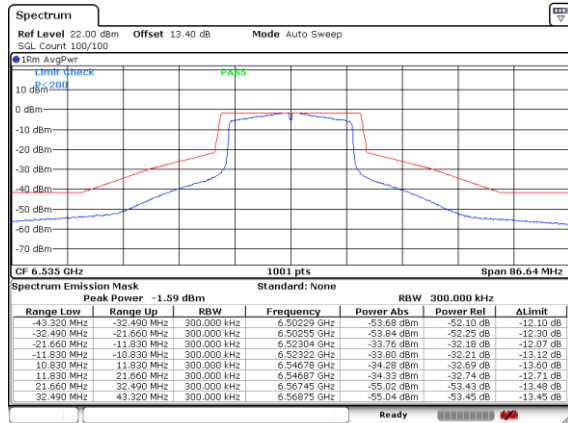
Date: 21 JAN 2026 22:16:31

Plot on Channel 6515MHz



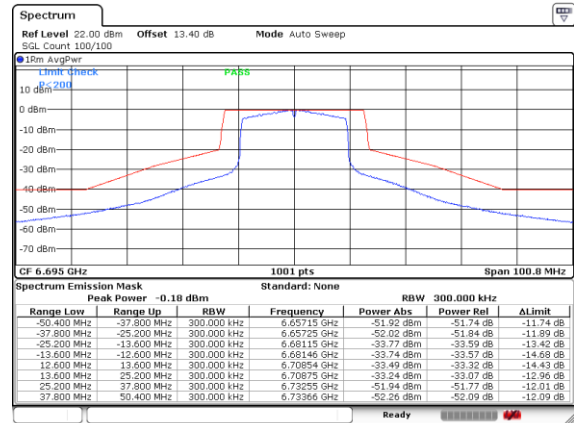
Date: 21 JAN 2026 22:19:46

Plot on Channel 6535MHz



Date: 21 JAN 2026 22:23:17

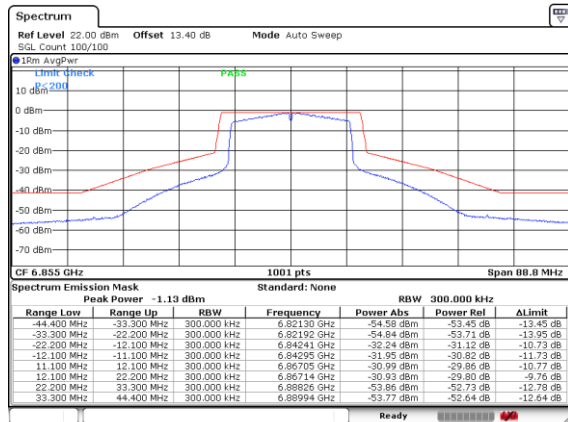
Plot on Channel 6695MHz



Date: 21 JAN 2026 22:26:45

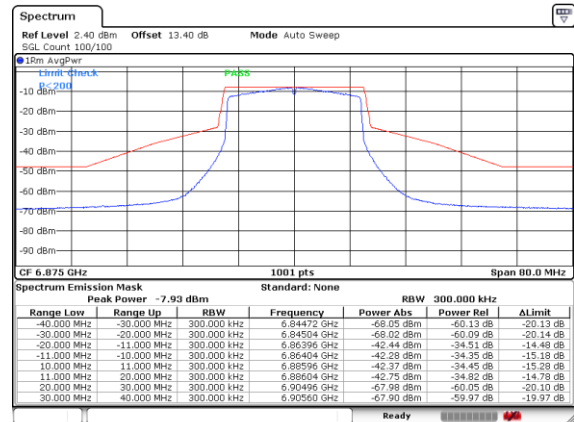


Plot on Channel 6855MHz



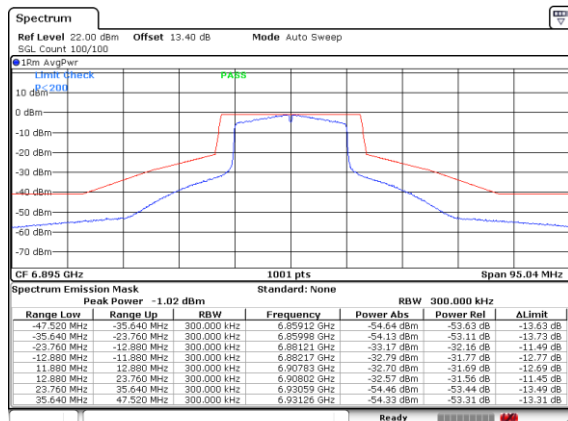
Date: 21 JAN 2026 22:31:04

Plot on Channel 6875MHz



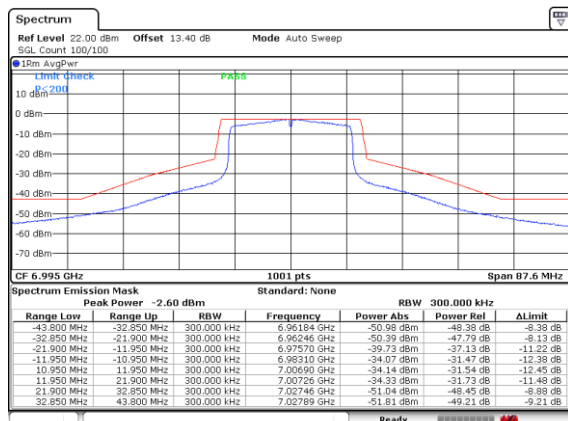
Date: 29 JAN 2026 16:39:03

Plot on Channel 6895MHz



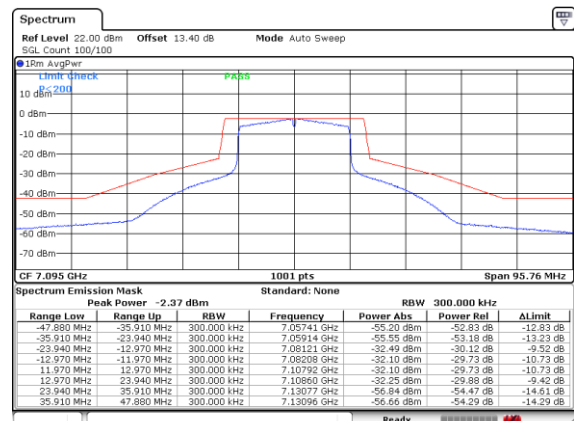
Date: 21 JAN 2026 22:39:00

Plot on Channel 6995MHz



Date: 21 JAN 2026 22:45:15

Plot on Channel 7095MHz

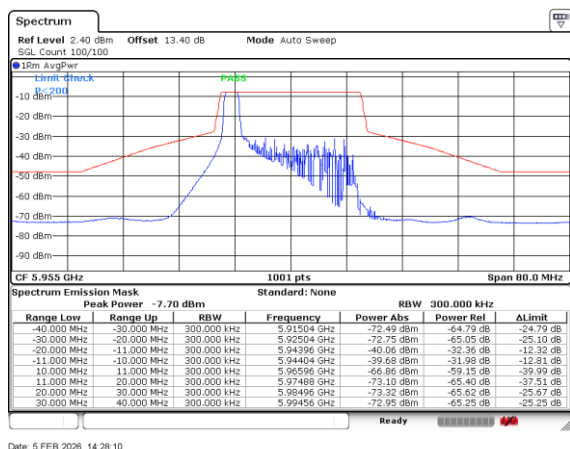


Date: 21 JAN 2026 22:48:48

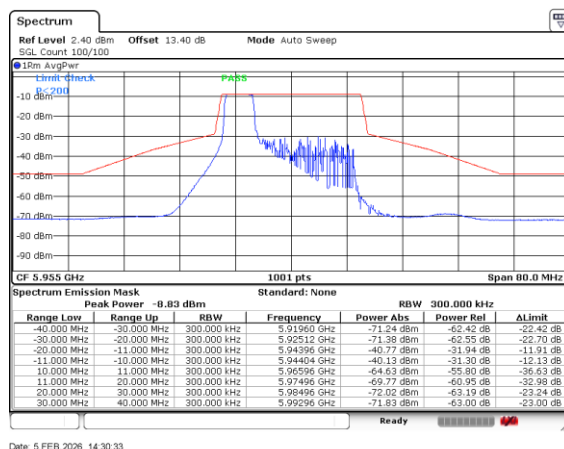


EUT Mode : 802.11ax HE20

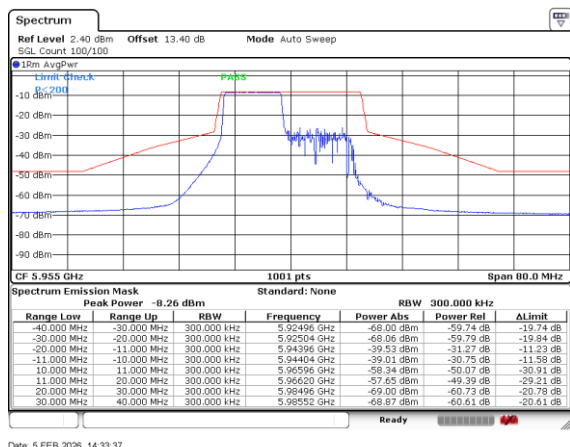
Plot on Channel 5955MHz 26RU0



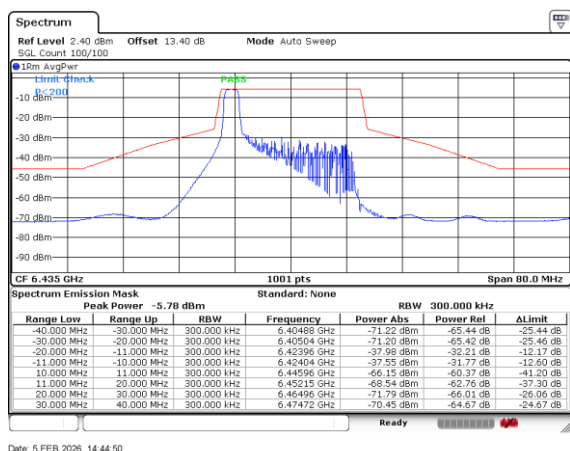
Plot on Channel 5955MHz 52RU37



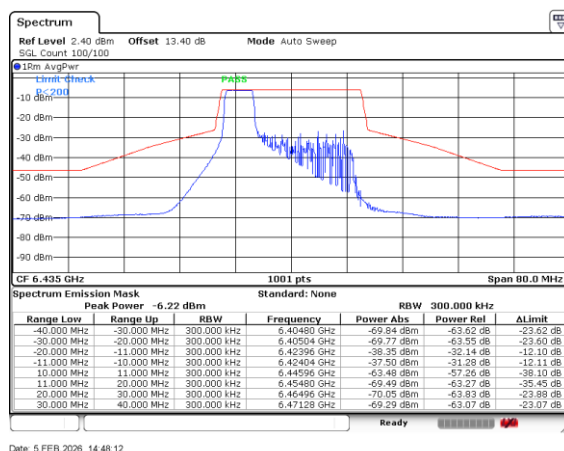
Plot on Channel 5955MHz 106RU53



Plot on Channel 6435MHz 26RU0

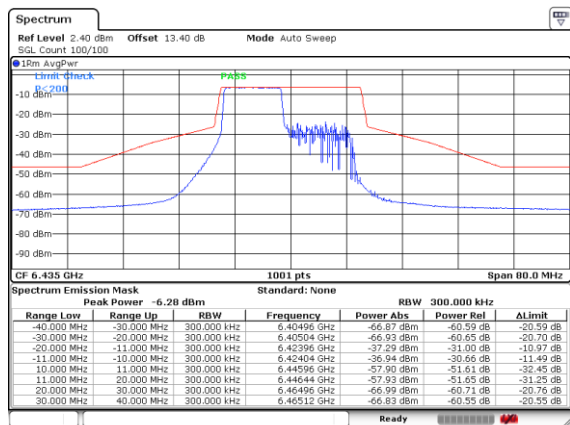


Plot on Channel 6435MHz 52RU37



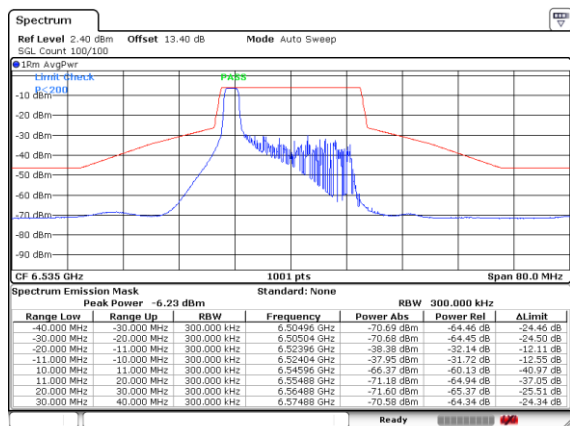


Plot on Channel 6435MHz 106RU53



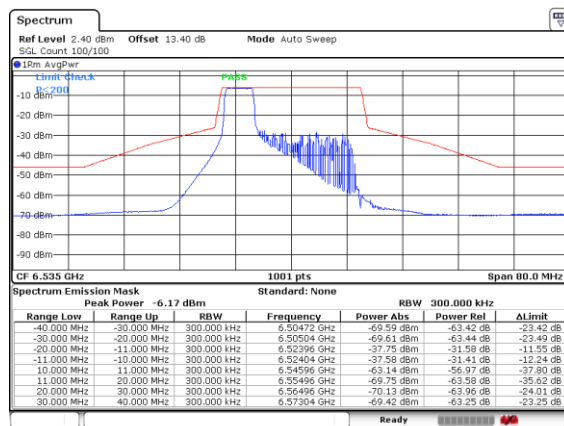
Date: 5 FEB 2026 14:49:38

Plot on Channel 6535MHz 26RU0



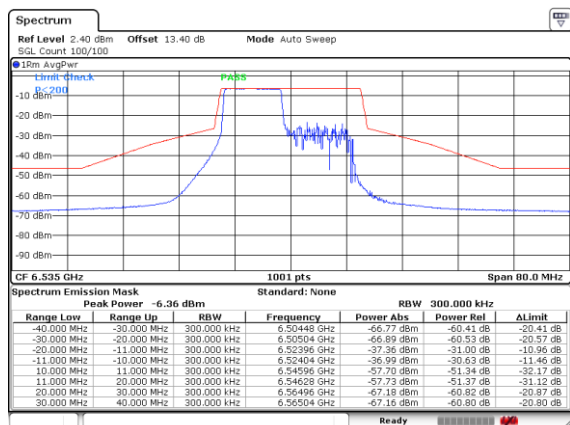
Date: 5 FEB 2026 14:52:14

Plot on Channel 6535MHz 52RU37



Date: 5 FEB 2026 14:53:32

Plot on Channel 6535MHz 106RU53



Date: 5 FEB 2026 14:55:33