FCC RF Test Report

APPLICANT	:	**Amazon.com Services LLC**
EQUIPMENT	:	**Digital Media Receiver**
MODEL NAME	:	**CP38RE**
FCC ID	:	**2A4DH-3877**
STANDARD	:	**FCC Part 15 Subpart E §15.407**
CLASSIFICATION	:	**15E 6 GHz Low Power Indoor Client (6XD)**
TEST DATE(S)	:	**Oct. 07, 2023 ~ Dec. 13, 2023**

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.

Jason Jia

Approved by: Jason Jia

ACCREDITED
Cert #5145.01

Sporton International Inc. (ShenZhen)

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

People's Republic of China

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History of this test report

Report No.	Version	Description	Issued Date
FR353104-01I	01	Initial issue of report	Jan. 16, 2024
FR353104-01I	02	1. Add Directional Gain Calculation example on page 104. 2. Add remark “The EUT does not support channel puncturing mode” on page 91.	Mar. 05, 2024
FR353104-01I	03	1. Add Duty Cycle Plots in Appendix D	Apr. 19, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Emission Bandwidth	Reporting only	-
3.1	15.407(a)(10)	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)(6)	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 6.66 dB at 7125.00 MHz
3.7	15.207	AC Conducted Emission	Pass	Under limit 21.59 dB at 0.150 MHz
3.8	15.203 15.407(a)	Antenna Requirement	Pass	-

Conformity Assessment Condition:

1. 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/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. 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

Amazon.com Services LLC
410 Terry Avenue N Seattle, WA 98109-5210 United States

1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	CP38RE
FCC ID	2A4DH-3877
SN	Conducted: P0B3FD01336406W3 Conduction: G0B3230233840056 Radiation: G0B323023384003Q CBP: P0B3FD01336406X1

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

1.3 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	**<5925 MHz ~ 7125 MHz >** **SISO Ant.0:** 802.11a : 11.30 dBm / 0.0135 W **MIMO Ant.0+1:** 802.11a : 7.15 dBm / 0.0052 W 802.11ax HE20 : 8.35 dBm / 0.0068 W 802.11ax HE40 : 10.65 dBm / 0.0116 W 802.11ax HE80 : 13.49 dBm / 0.0223 W
99% Occupied Bandwidth	**SISO Ant.0:** 802.11a : 17.63 MHz **MIMO Ant.0+1:** 802.11a : 17.88 MHz 802.11ax HE20 : 19.13 MHz 802.11ax HE40 : 37.66 MHz 802.11ax HE80 : 76.84 MHz
Antenna Type / Gain	**<5925 MHz ~ 6425 MHz >** <Ant. 0> : PCB dipole with gain 6.2 dBi <Ant. 1> : PCB dipole with gain 6.0 dBi **<6425 MHz ~ 6525 MHz >** <Ant. 0> : PCB dipole with gain 6.0 dBi <Ant. 1> : PCB dipole with gain 6.1 dBi **<6525 MHz ~ 6875 MHz >**

	<Ant. 0> : PCB dipole with gain 6.3 dBi <Ant. 1> : PCB dipole with gain 6.0 dBi **<6875 MHz ~ 7125 MHz >** <Ant. 0> : PCB dipole with gain 6.0 dBi <Ant. 1> : PCB dipole with gain 6.2 dBi
Type of Modulation	802.11a : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)
Antenna Function Description	

	Ant. 0	Ant. 1
802.11 a SISO	V	-
802.11 ax SISO	V	V
802.11 a/ax MIMO	V	V

Remark:

1. For 802.11ax SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to the higher normal conducted power.
2. 802.11a supports SISO ant.0 & MIMO ant.0+1 mode.
3. WIFI MIMO support CDD by manufacturer declared.
4. 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/RSE, all the other test case were performed with full RU with its maximum power/PSD.
5. The EUT does not support channel puncturing mode.
6. CBP test with antenna path of minimum gain (Antenna 0, Minimum gain= 6.0 dBi).

1.4 Modification of EUT

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

1.5 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	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ; DFS01-SZ	CN1256	421272

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 China 518103 TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO02-SZ; 03CH03-SZ	CN1256	421272

1.6 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH03-SZ	AUDIX	E3	6.2009-8-24
2.	CO02-SZ	AUDIX	E3	6.2009-8-24al
3.	DFS01-SZ	Sporton	Test Tools	1.0

1.7 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 v02r01
- 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 C63.10-2013

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 (Z 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 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 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 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 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 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 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 20M	Channel	225	229	233
	Freq. (MHz)	7075	7095	7115
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
802.11a	**6 Mbps**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1 : Zigbee Link + Bluetooth Link + WLAN(6G) Link
Remark: For Radiated Test Cases, the tests were performed with Adapter.	

Ch. #		5925-6425 MHz UNII-5	6425-6525 MHz UNII-6	6525-6875 MHz UNII-7	6875-7125 MHz UNII-8
		802.11a/ax HE20	802.11a/ax HE20	802.11a/ax HE20	802.11a/ax HE20
L	Low	001	097	117	189
M	Middle	049	105	149	209
H	High	093	113	181	229/233
Straddle		-	-	-	185

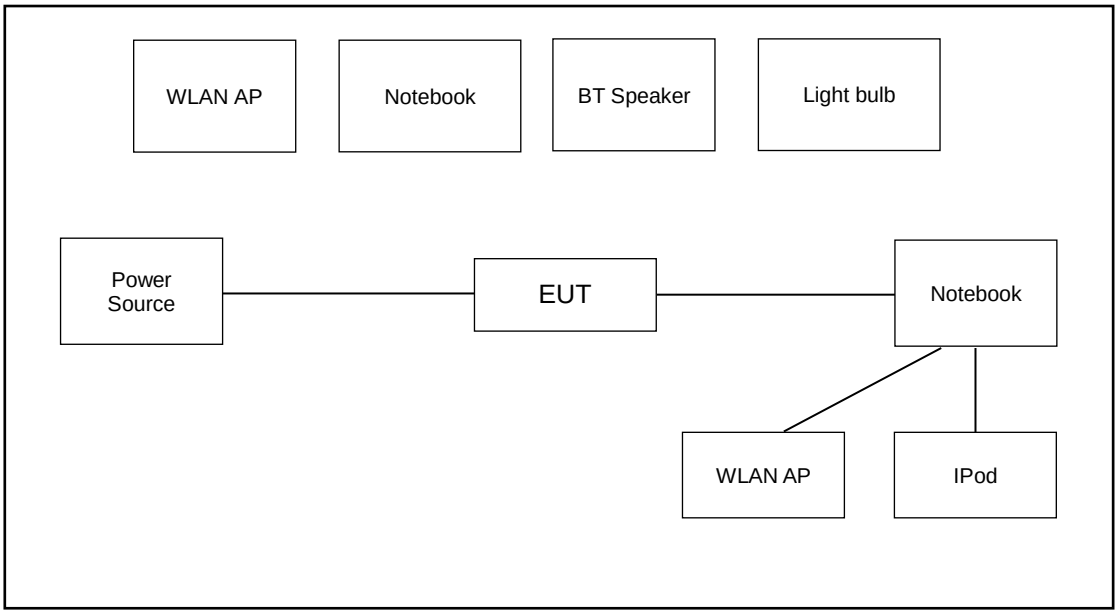
Ch. #		5925-6425 MHz UNII-5	6425-6525 MHz UNII-6	6525-6875 MHz UNII-7	6875-7125 MHz UNII-8
		802.11ax HE40	802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	003	099	123	195
M	Middle	051	-	147	211
H	High	091	107	179	227
Straddle		-	115	-	187

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	055		151	-
H	High	087		167	215
Straddle		-	119	183	-

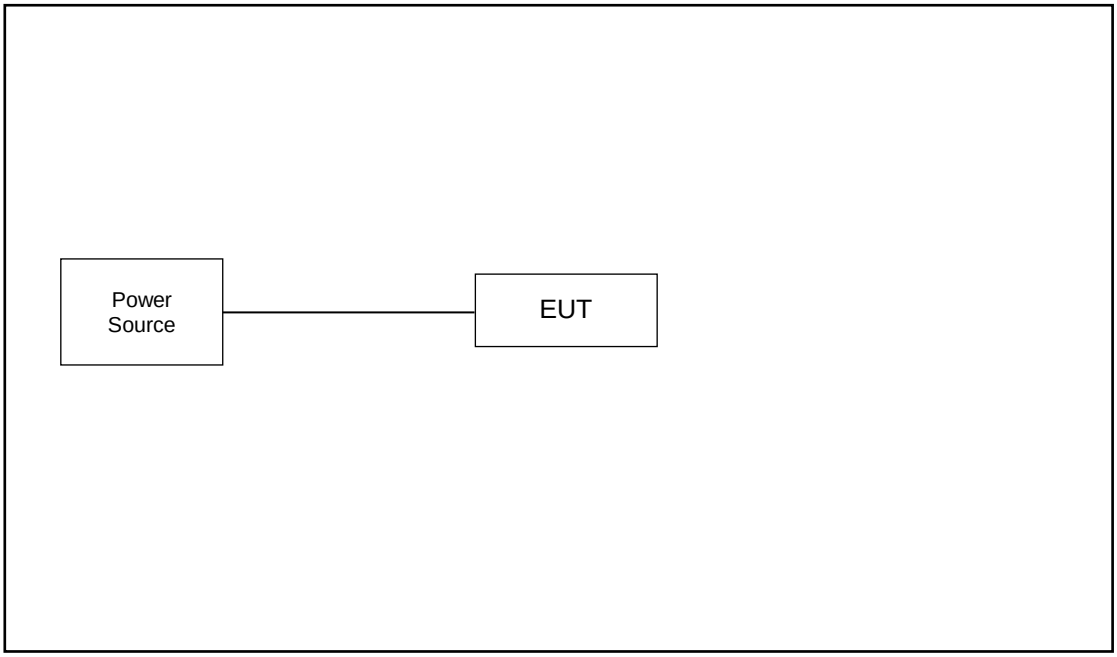
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

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.	WLAN AP	ASUSTek	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 2.7m with Core
2.	Notebook	DELL	Inspiron 15-7570	Fcc DoC	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
3.	BT Speaker	Charge3	N/A	N/A	N/A	N/A
4.	Light bulb	097	N/A	N/A	N/A	N/A
5.	IPod	Apple	MC525 ZP/A	Fcc DoC	Shielded, 1.0m	N/A

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.

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 3.0 dB and 10dB attenuator.

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

= 3.0 + 10 = 13.0 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 CFR 15.407 (a)(10)

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

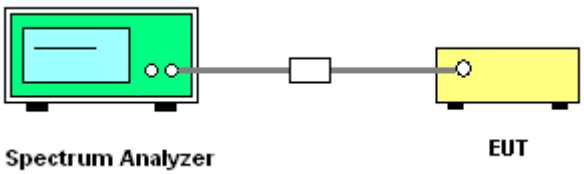
3.1.2 Measuring Instruments

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) ≥ 3 * RBW.
8. Measure and record the results in the test report.

3.1.4 Test Setup



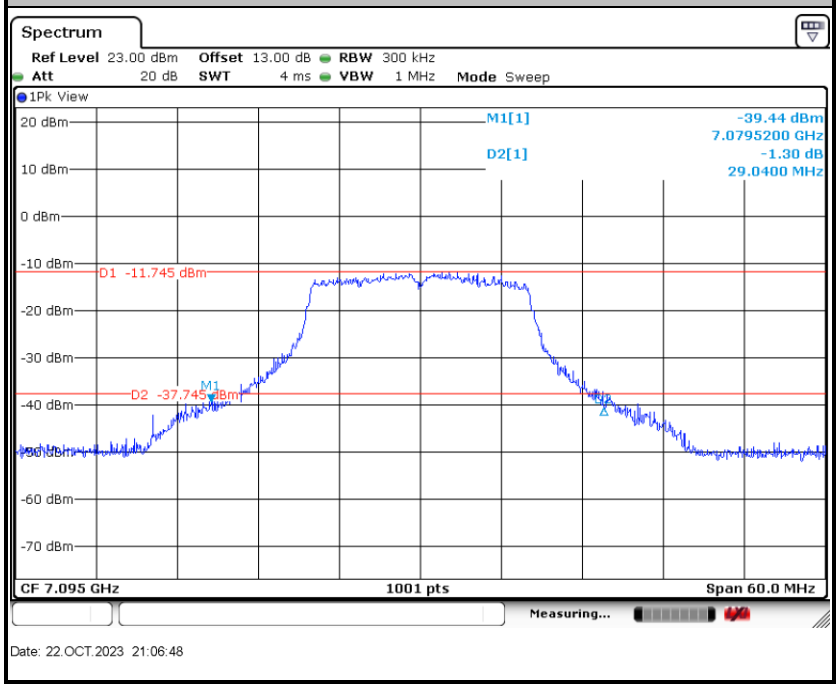
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

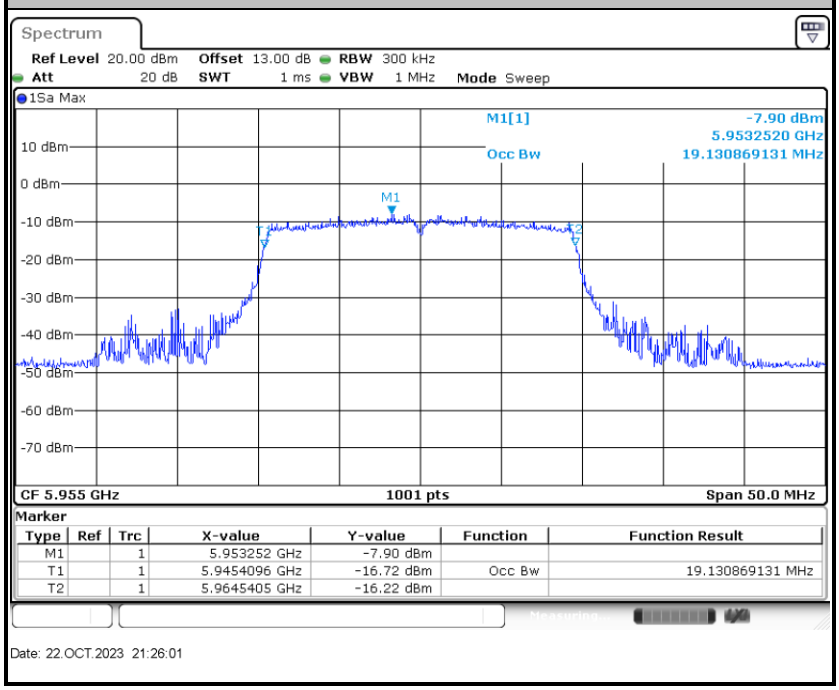
Only the maximum 26dB & 99% OB plots of each bandwidth shown in the report.

For 20MHz:

Maximum 26dB Bandwidth

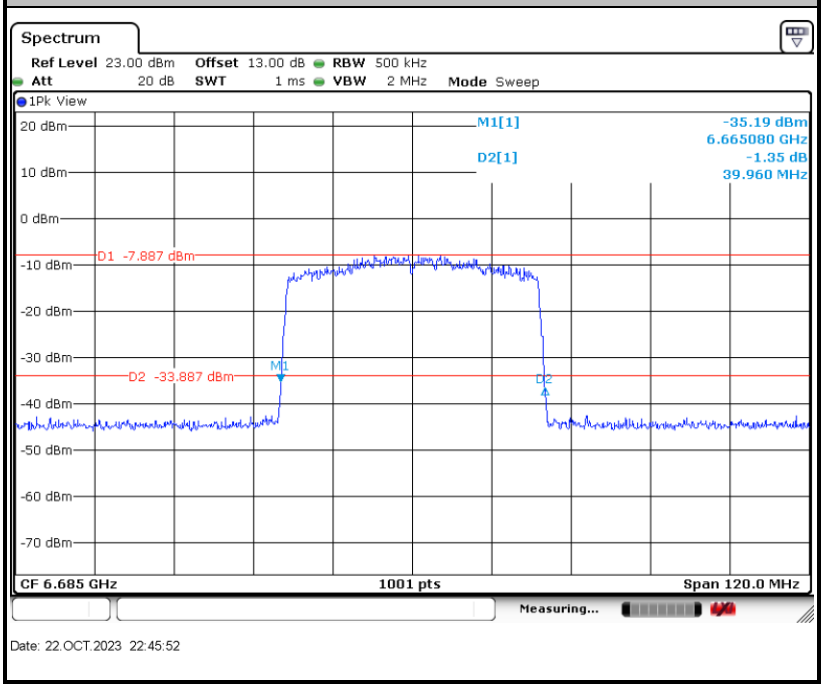


Maximum 99% Occupied Bandwidth

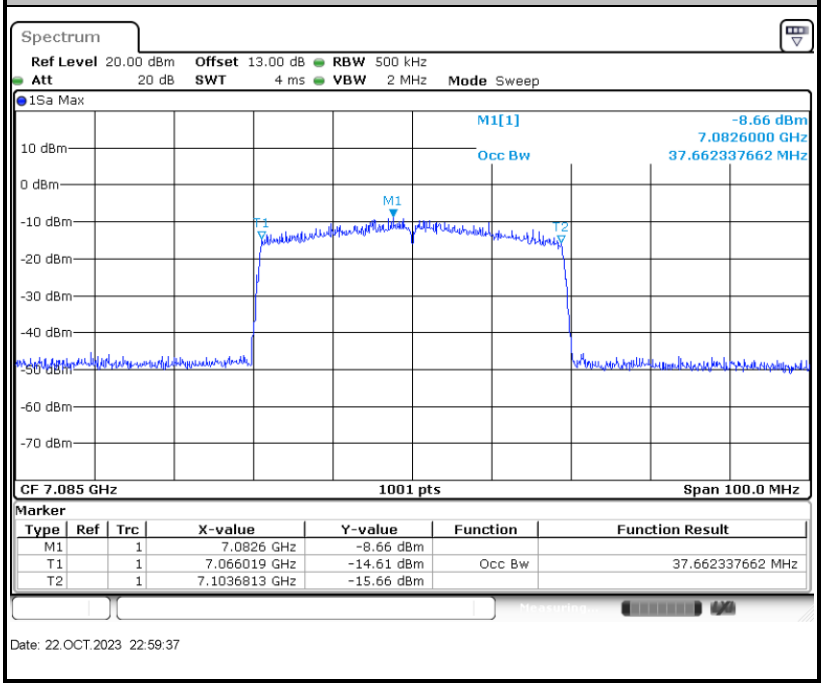


For 40MHz:

Maximum 26dB Bandwidth

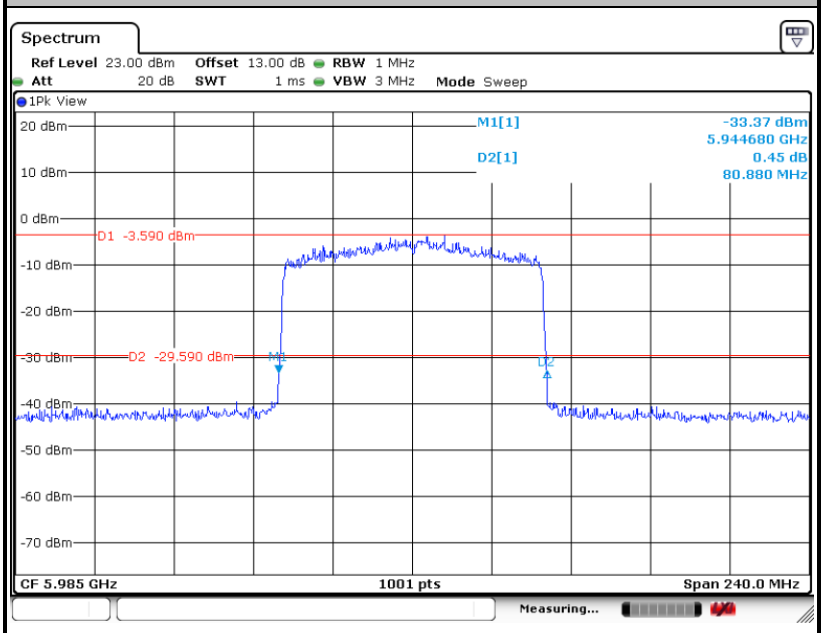


Maximum 99% Occupied Bandwidth

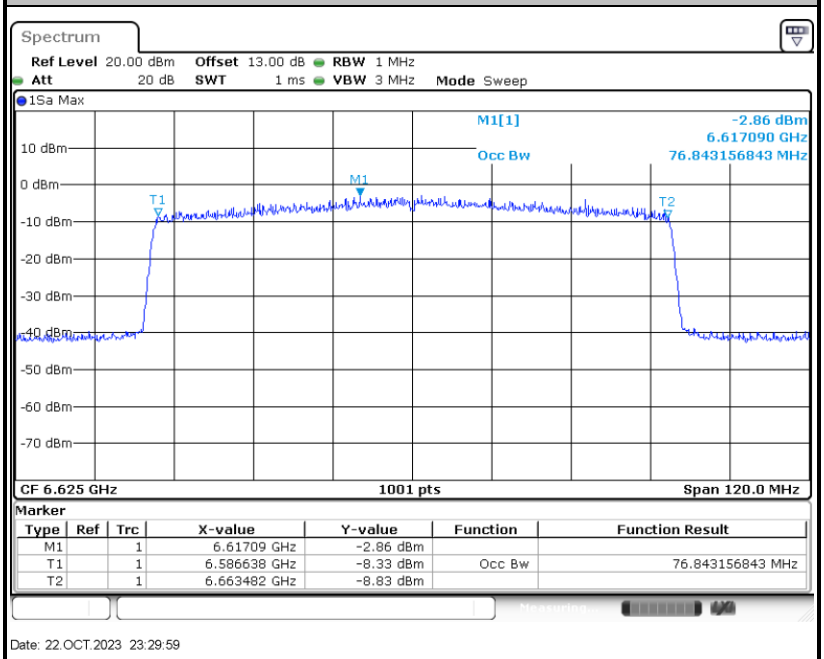


For 80MHz:

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

<FCC 14-30 CFR 15.407>

(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.

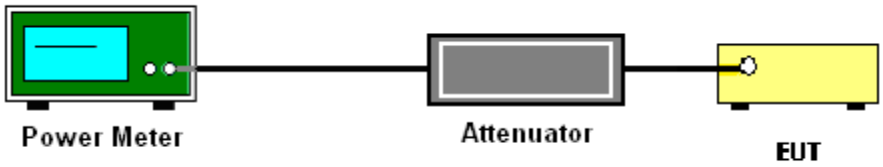
3.2.3 Test Procedures

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

<FCC 14-30 CFR 15.407>

(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).

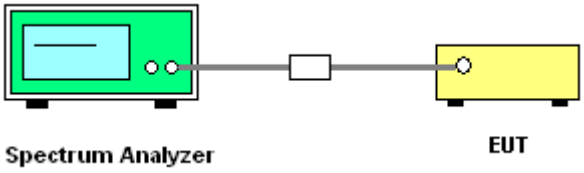
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), 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 PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup

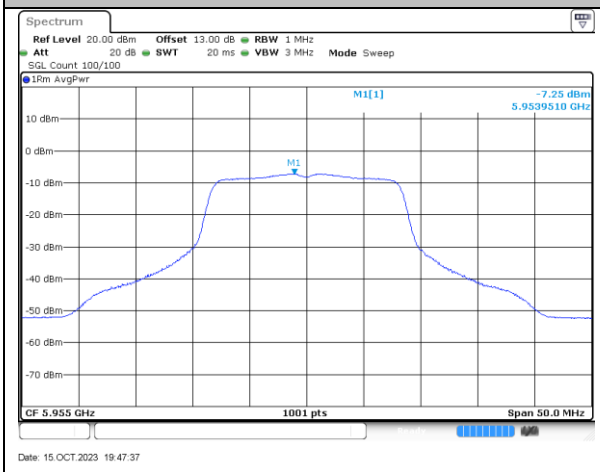
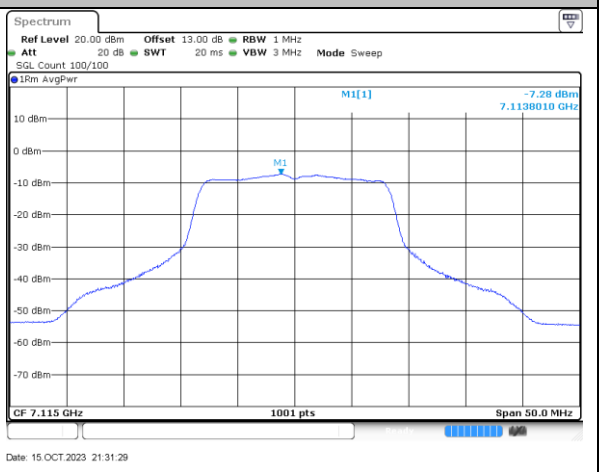
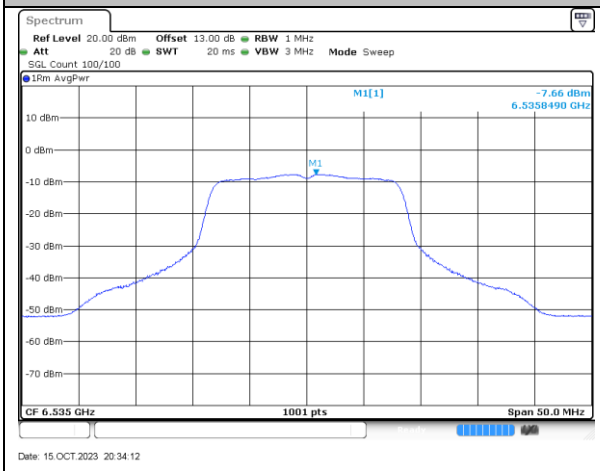
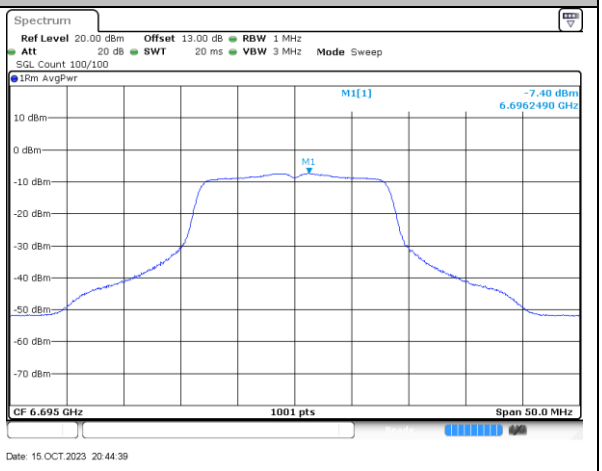


3.3.5 Test Result of Power Spectral Density

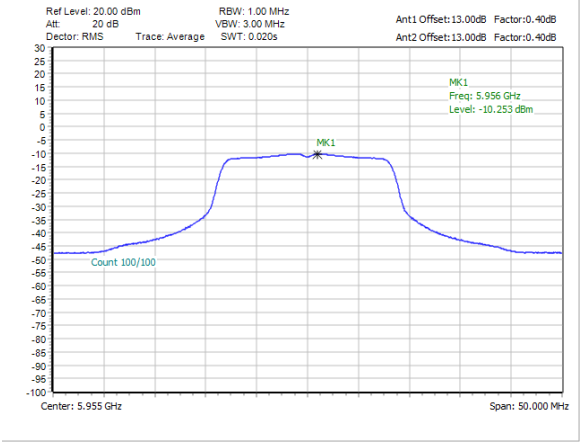
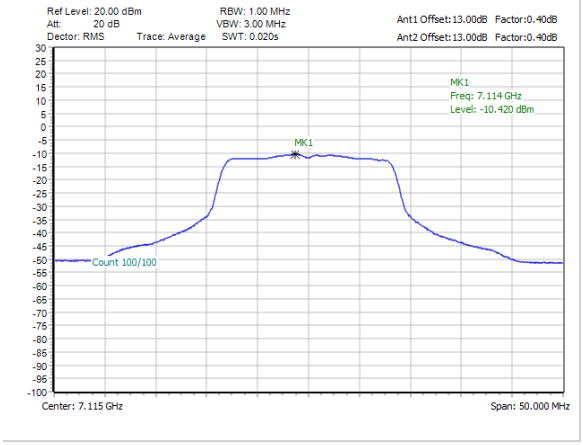
Please refer to Appendix A.

Only the L/M/H channel PSD plots of each bandwidth shown in the report.

<SISO Ant.0>:

802.11a	
Low CH01 5955MHz	**High CH233 7115MHz**
	
Middle CH117 6535MHz	**Middle CH149 6695MHz**
	

<MIMO Ant.0+1>:

802.11a	
Low CH01 5955MHz	**High CH233 7115MHz**
	
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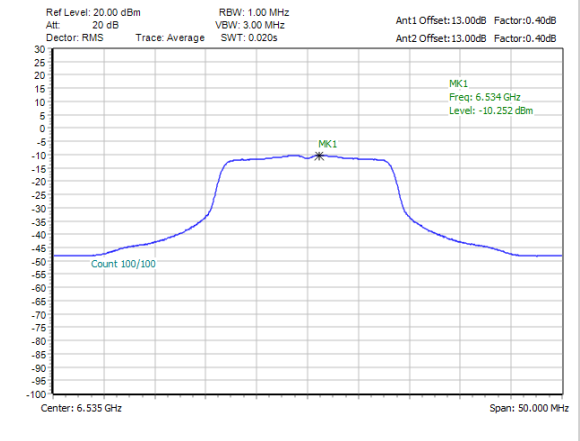
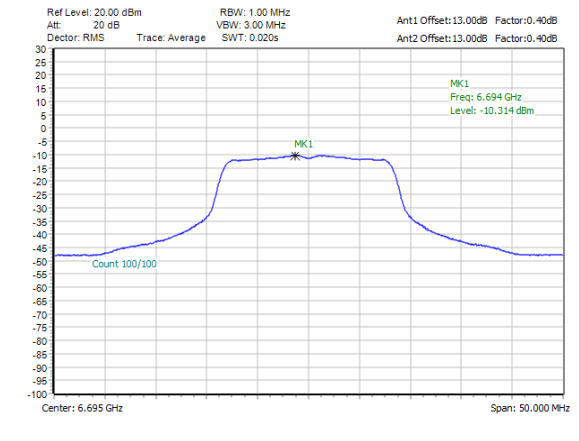
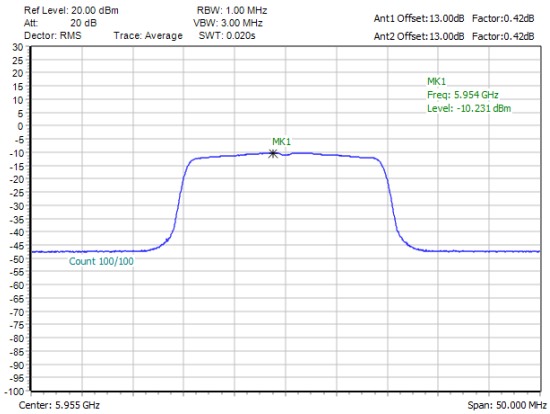
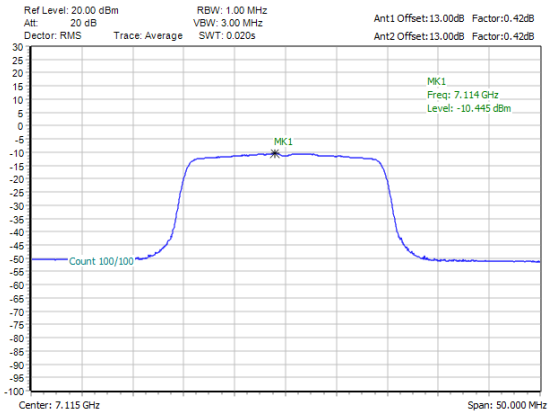
	

802.11ax HE20 Full RU	
Low CH01 5955MHz	**High CH233 7115MHz**
	
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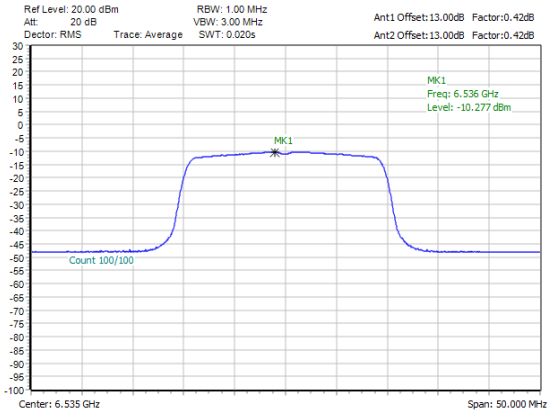	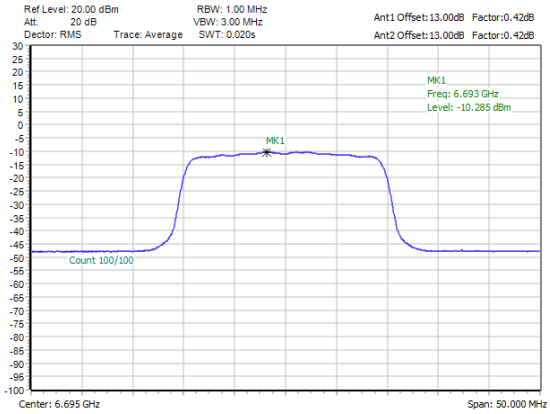

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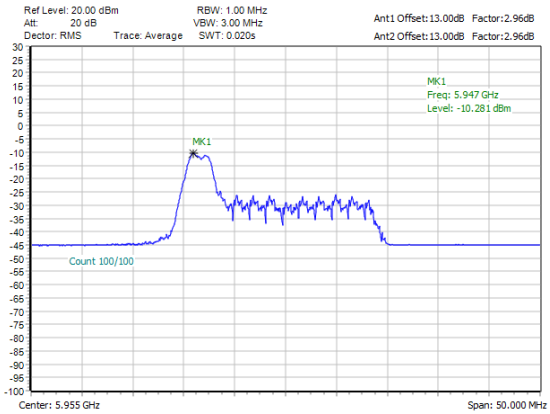
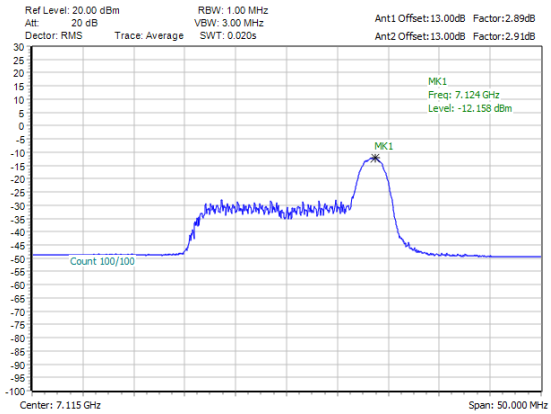
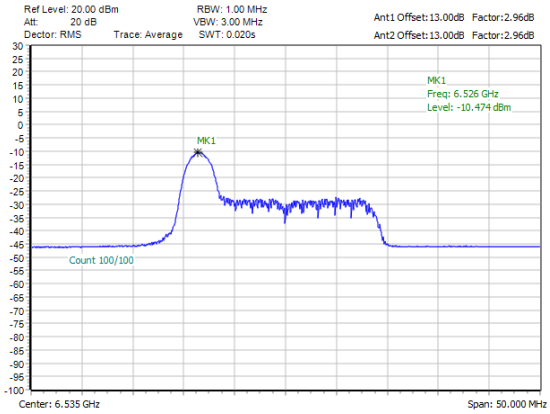
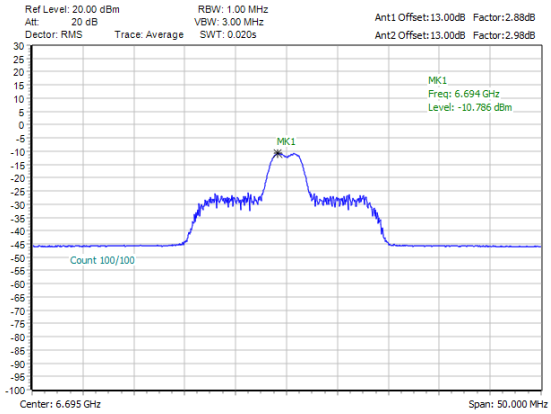
	
Middle CH117 6535MHz 26RU0	**Middle CH149 6695MHz 26RU4**
	

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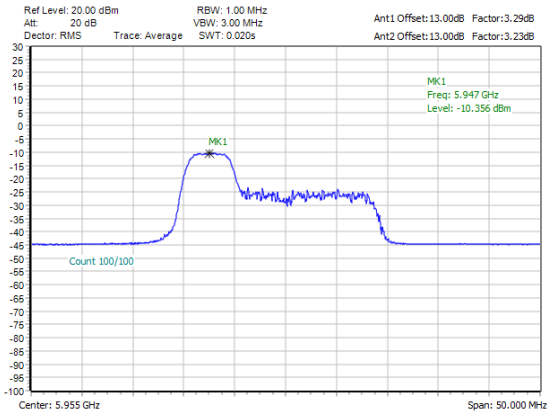
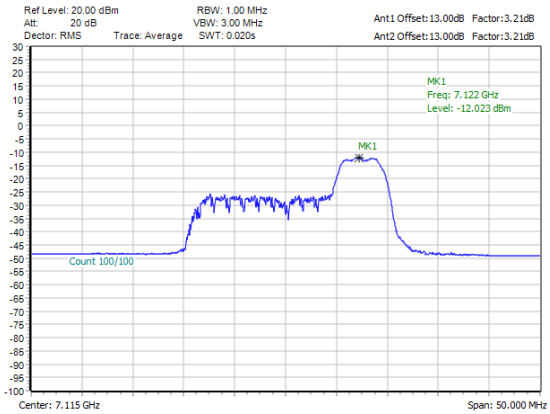
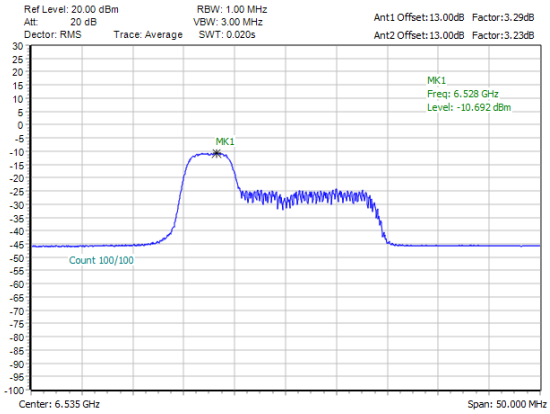
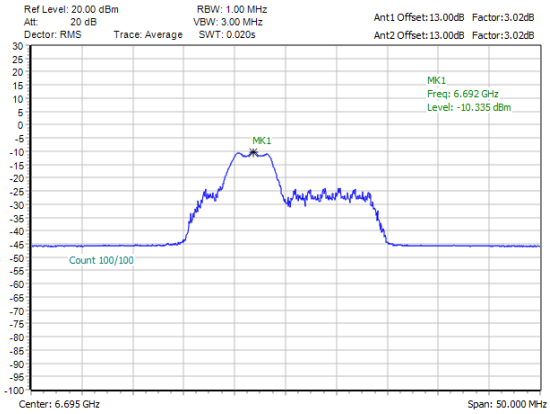
	
Middle CH117 6535MHz 52RU37	**Middle CH149 6695MHz 52RU38**
	

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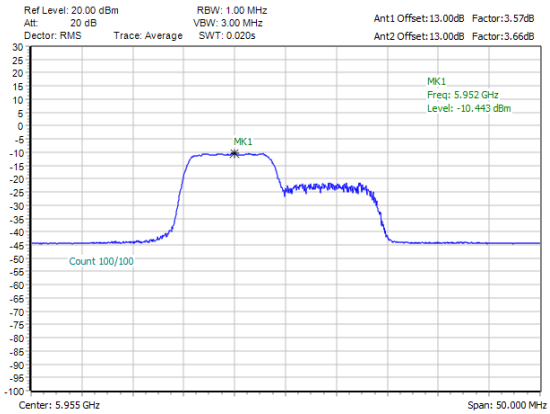
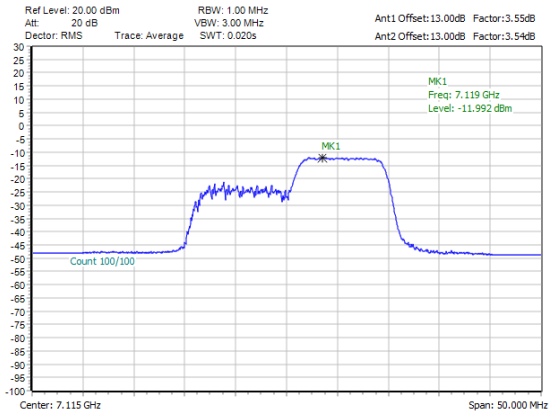
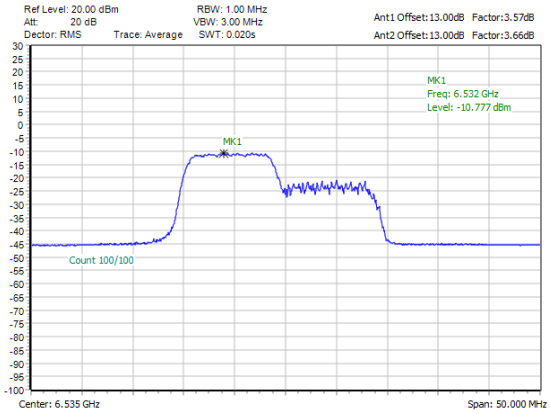
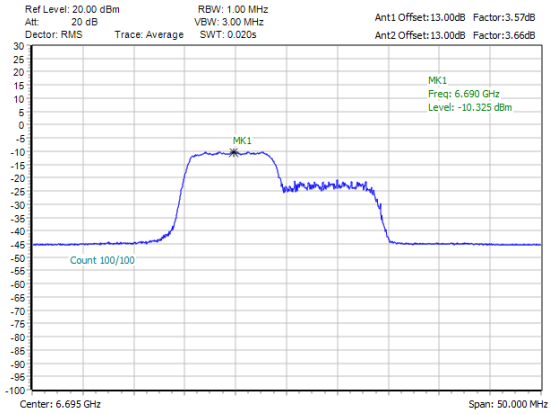
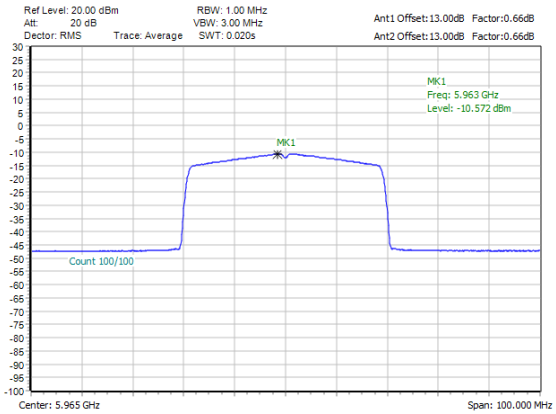
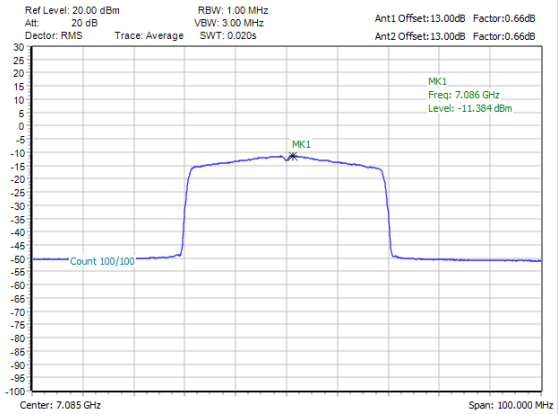
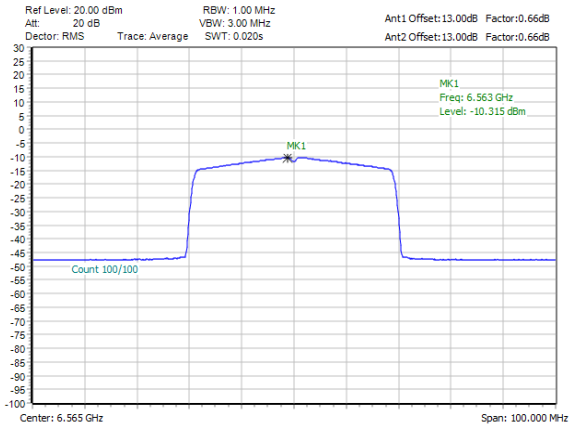
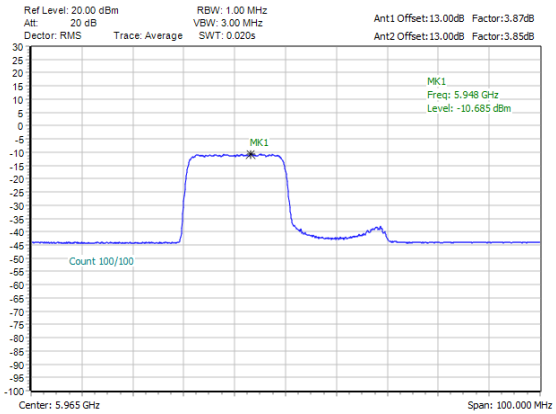
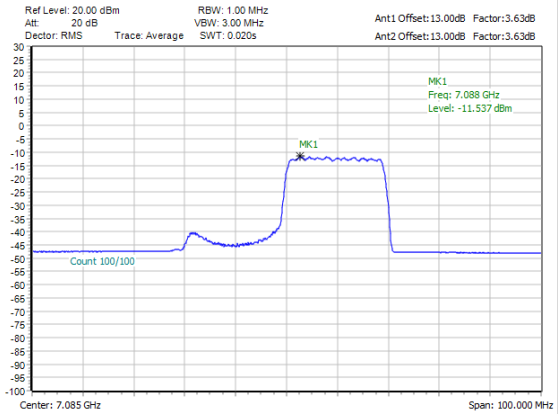
	
Middle CH117 6535MHz 106RU53	**Middle CH149 6695MHz 106RU53**
	

802.11ax HE40 Full RU	
Low CH03 5965MHz	**High CH227 7085MHz**
	
Middle CH123 6565MHz	
	

802.11ax HE40 Partial RU	
Low CH03 5965MHz 242RU61	High CH227 7085MHz 242RU62
	
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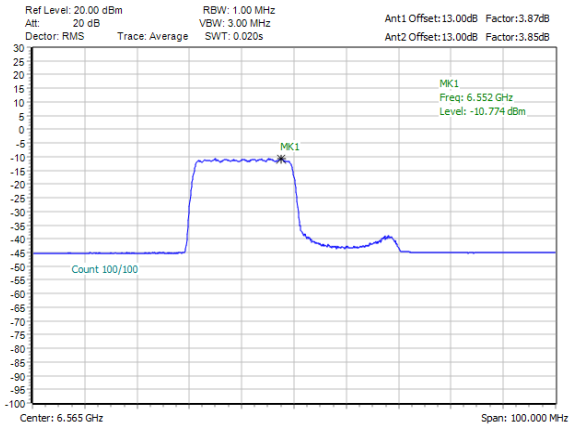
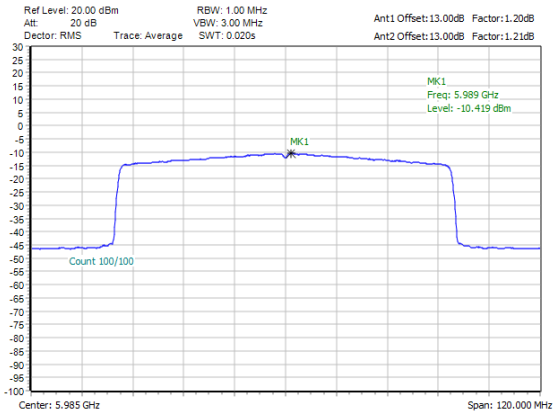
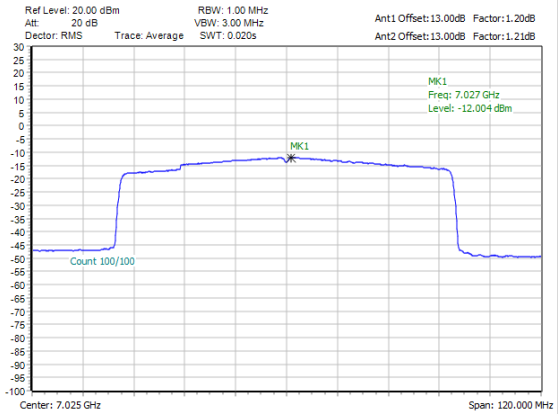
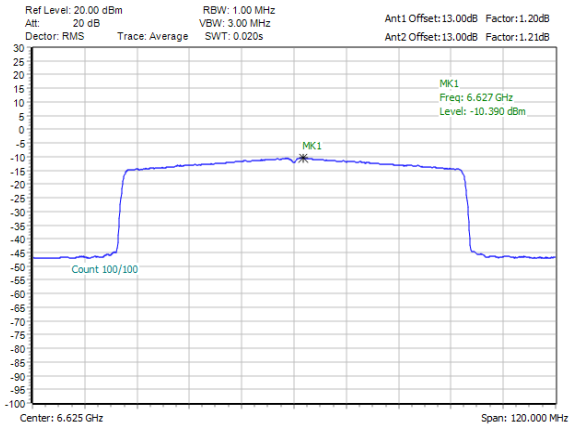
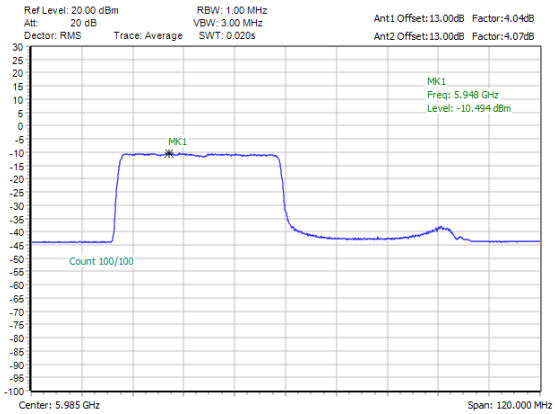
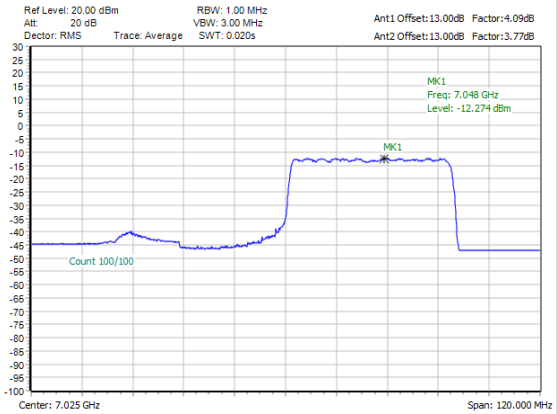
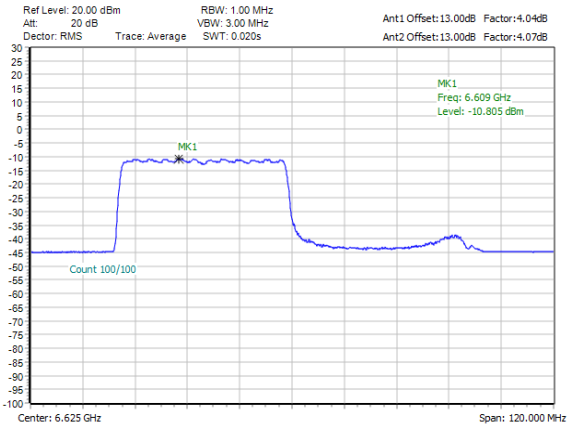
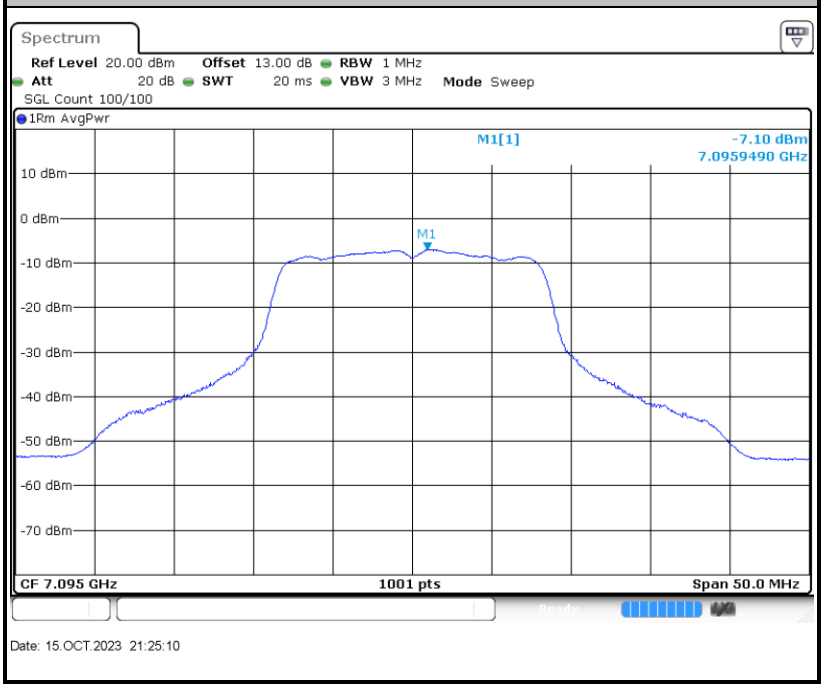
	

802.11ax HE80 Full RU	
Low CH07 5985MHz	**High CH215 7025MHz**
	
Middle CH 135 6625MHz	
	

802.11ax HE80 Partial RU	
Low CH07 5985MHz 484RU65	High CH215 7025MHz 484RU66
	
Middle CH 135 6625MHz 484RU65	
	

Worst Case Power Density (dBm/MHz)
802.11a CH229 7095MHz for SISO Ant.0



3.4 In-Band Emissions (Channel Mask)

3.4.1 Limit of Unwanted Emissions

<FCC 14-30 CFR 15.407>

(b)(6) 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. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013
2. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (This will be used to determine the channel edge.)
3. 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 ≥ 3 X RBW

   d) Number of points in sweep ≥ [2 X span / 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.
4. 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:

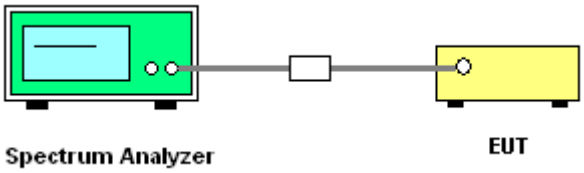
a. Suppressed by 20 dB at 1 MHz outside of the channel edge.

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.

5. Adjust the span to encompass the entire mask as necessary.
6. Clear trace.
7. Trace average at least 100 traces in power averaging (rms) mode.
8. 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

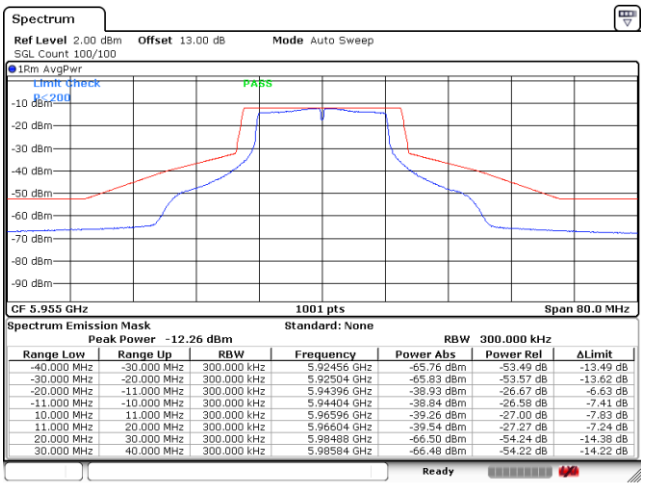


3.4.5 Test Result

<SISO Ant.0>:

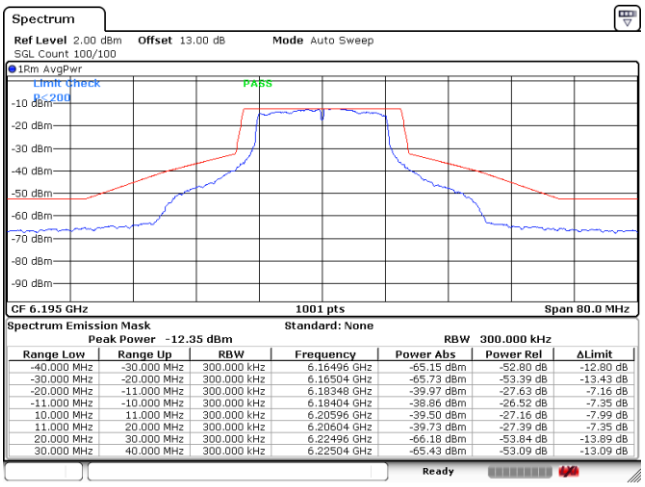
EUT Mode :	802.11a

Plot on Channel 5955MHz



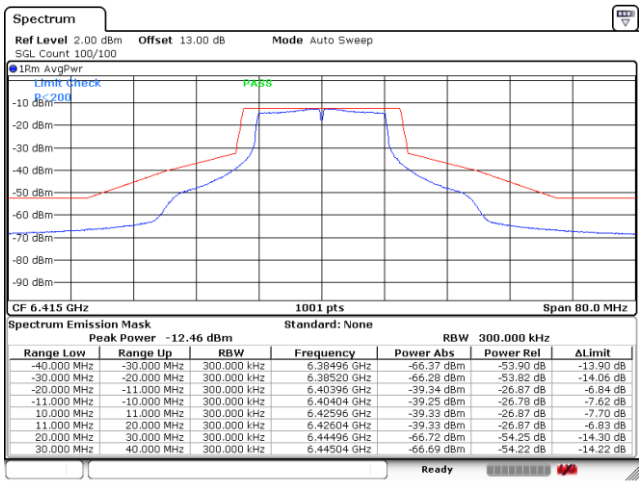
Date: 15.OCT.2023 19:50:19

Plot on Channel 6195MHz



Date: 15.OCT.2023 20:01:22

Plot on Channel 6415MHz



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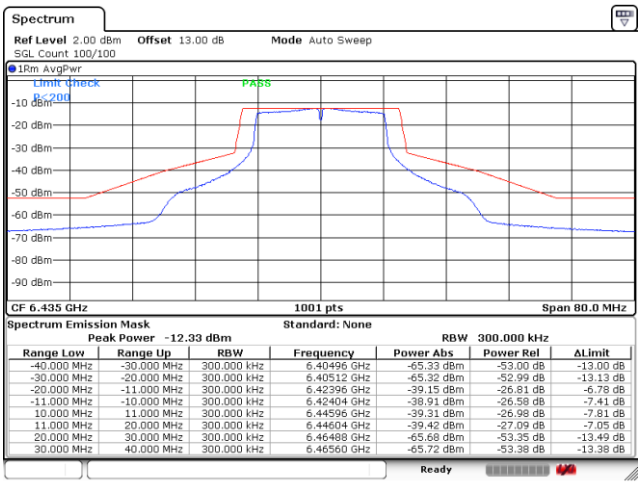
Plot on Channel 6435MHz



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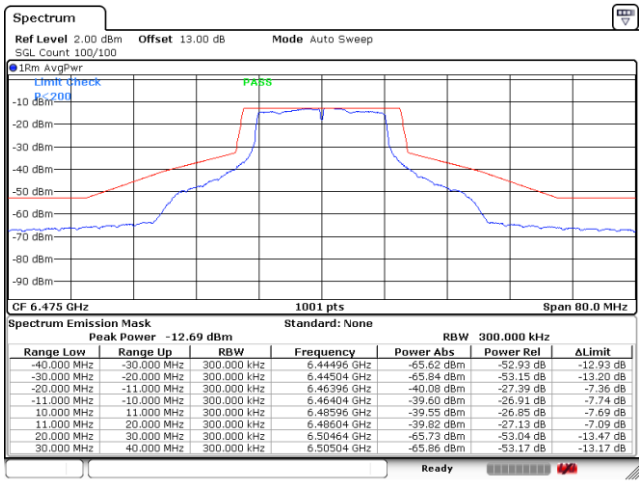
Plot on Channel 6475MHz

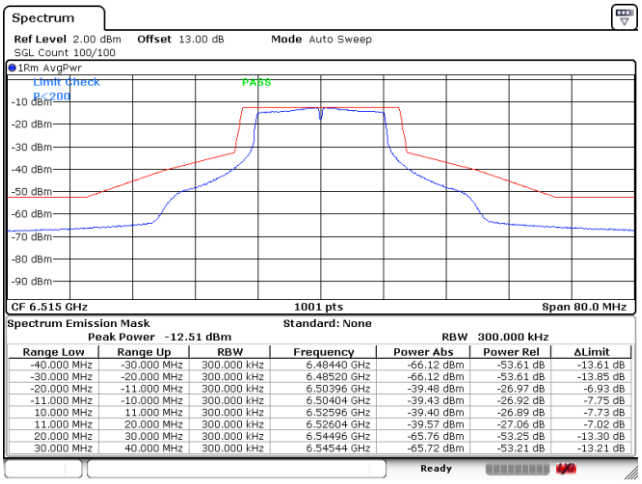


Spectrum Emission Mask Standard: None
Peak Power -12.69 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.44496 GHz	-65.62 dBm	-52.93 dB	-12.93 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.44504 GHz	-65.84 dBm	-53.15 dB	-13.20 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.46396 GHz	-40.08 dBm	-27.39 dB	-7.36 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.46404 GHz	-39.60 dBm	-26.91 dB	-7.74 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.48596 GHz	-39.55 dBm	-26.85 dB	-7.69 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.48604 GHz	-39.82 dBm	-27.13 dB	-7.09 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.50464 GHz	-65.73 dBm	-53.04 dB	-13.47 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.50504 GHz	-65.86 dBm	-53.17 dB	-13.17 dB

Date: 15.OCT.2023 20:24:01

Plot on Channel 6515MHz

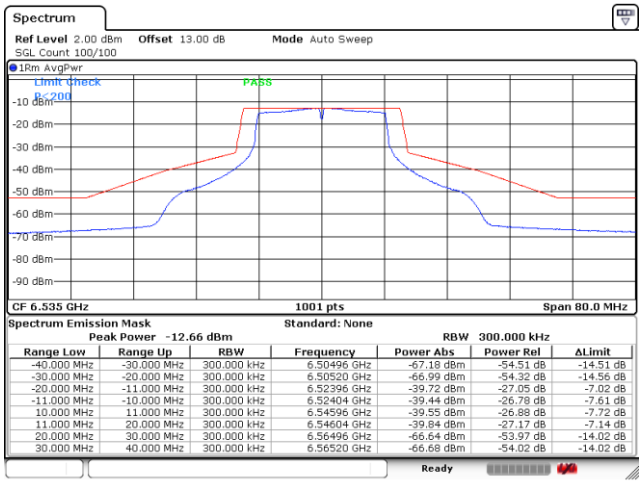


Spectrum Emission Mask Standard: None
Peak Power -12.51 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.48440 GHz	-66.12 dBm	-53.61 dB	-13.61 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.48520 GHz	-66.12 dBm	-53.61 dB	-13.85 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.50396 GHz	-39.48 dBm	-26.97 dB	-6.93 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.50404 GHz	-39.43 dBm	-26.92 dB	-7.75 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.52596 GHz	-39.40 dBm	-26.89 dB	-7.73 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.52604 GHz	-39.57 dBm	-27.06 dB	-7.02 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.54496 GHz	-65.76 dBm	-53.25 dB	-13.30 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.54544 GHz	-65.72 dBm	-53.21 dB	-13.21 dB

Date: 15.OCT.2023 20:30:30

Plot on Channel 6535MHz

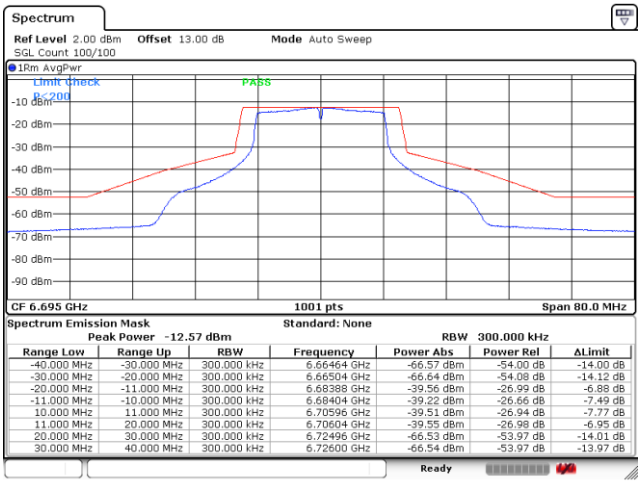


Spectrum Emission Mask Standard: None
Peak Power -12.66 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.50496 GHz	-67.18 dBm	-54.51 dB	-14.51 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.50520 GHz	-66.99 dBm	-54.32 dB	-14.56 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.52396 GHz	-39.72 dBm	-27.05 dB	-7.02 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.52404 GHz	-39.44 dBm	-26.78 dB	-7.61 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.54596 GHz	-39.55 dBm	-26.88 dB	-7.72 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.54604 GHz	-39.84 dBm	-27.17 dB	-7.14 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.56496 GHz	-66.64 dBm	-53.97 dB	-14.02 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.56520 GHz	-66.68 dBm	-54.02 dB	-14.02 dB

Date: 15.OCT.2023 20:35:58

Plot on Channel 6695MHz

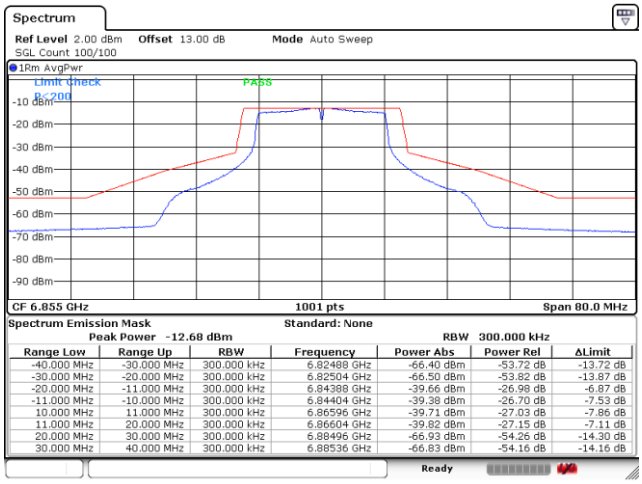


Spectrum Emission Mask Standard: None
Peak Power -12.57 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66464 GHz	-66.57 dBm	-54.00 dB	-14.00 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66504 GHz	-66.64 dBm	-54.08 dB	-14.12 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68388 GHz	-39.56 dBm	-26.99 dB	-6.88 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-39.22 dBm	-26.66 dB	-7.49 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-39.51 dBm	-26.94 dB	-7.77 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-39.55 dBm	-26.98 dB	-6.95 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72496 GHz	-66.53 dBm	-53.97 dB	-14.01 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72600 GHz	-66.54 dBm	-53.97 dB	-13.97 dB

Date: 15.OCT.2023 20:46:13

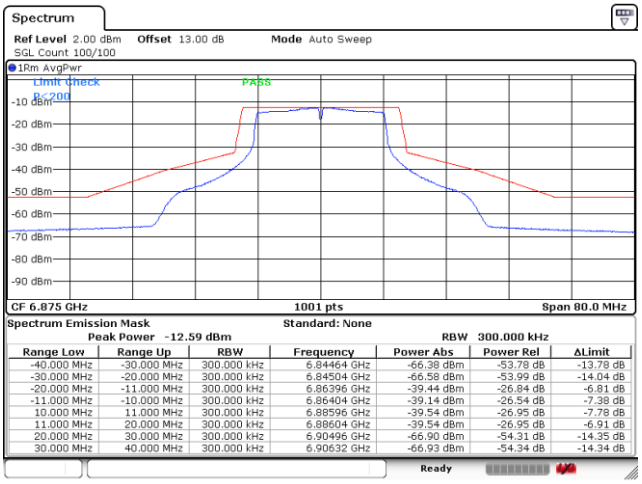
Plot on Channel 6855MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82488 GHz	-66.40 dBm	-53.72 dB	-13.72 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82504 GHz	-66.50 dBm	-53.82 dB	-13.87 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.84388 GHz	-39.66 dBm	-26.98 dB	-6.87 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-39.38 dBm	-26.70 dB	-7.53 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-39.71 dBm	-27.03 dB	-7.86 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86604 GHz	-39.82 dBm	-27.15 dB	-7.11 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88496 GHz	-66.93 dBm	-54.26 dB	-14.30 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88536 GHz	-66.83 dBm	-54.16 dB	-14.16 dB

Date: 15.OCT.2023 20:55:27

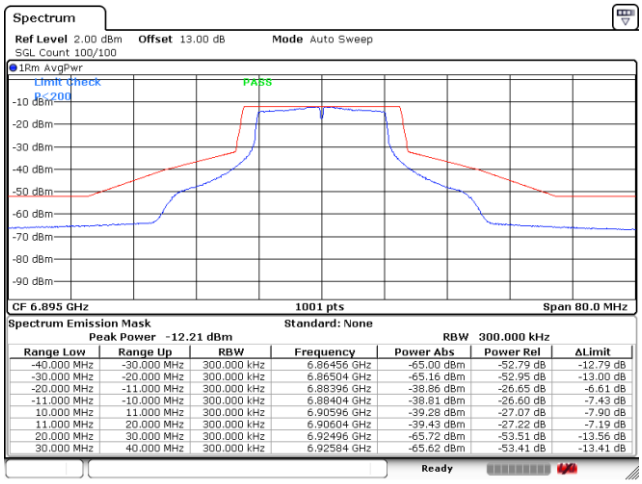
Plot on Channel 6875MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.84464 GHz	-66.38 dBm	-53.78 dB	-13.78 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.84504 GHz	-66.58 dBm	-53.99 dB	-14.04 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.86396 GHz	-39.44 dBm	-26.84 dB	-6.81 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.86404 GHz	-39.14 dBm	-26.54 dB	-7.38 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.88596 GHz	-39.54 dBm	-26.95 dB	-7.78 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.88604 GHz	-39.54 dBm	-26.95 dB	-6.91 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.90496 GHz	-66.90 dBm	-54.31 dB	-14.35 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.90632 GHz	-66.93 dBm	-54.34 dB	-14.34 dB

Date: 15.OCT.2023 21:02:23

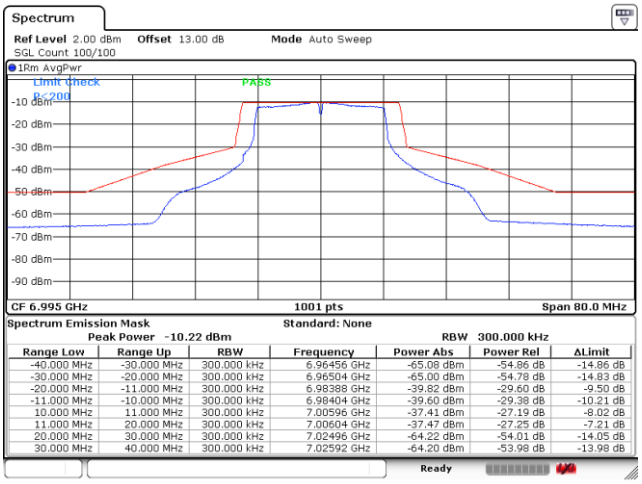
Plot on Channel 6895MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.86456 GHz	-65.00 dBm	-52.79 dB	-12.79 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.86504 GHz	-65.16 dBm	-52.95 dB	-13.00 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.88396 GHz	-38.86 dBm	-26.65 dB	-6.61 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.88404 GHz	-38.81 dBm	-26.60 dB	-7.43 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.90596 GHz	-39.28 dBm	-27.07 dB	-7.90 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.90604 GHz	-39.43 dBm	-27.22 dB	-7.19 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.92496 GHz	-65.72 dBm	-53.51 dB	-13.56 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.92584 GHz	-65.62 dBm	-53.41 dB	-13.41 dB

Date: 15.OCT.2023 21:12:37

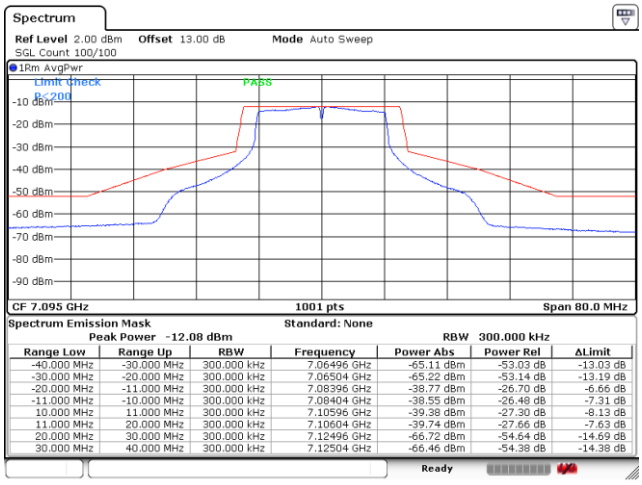
Plot on Channel 6995MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.96456 GHz	-65.08 dBm	-54.86 dB	-14.86 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.96504 GHz	-65.00 dBm	-54.78 dB	-14.83 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.98388 GHz	-39.82 dBm	-29.60 dB	-9.50 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.98404 GHz	-39.60 dBm	-29.38 dB	-10.21 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.00596 GHz	-37.41 dBm	-27.19 dB	-8.02 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.00604 GHz	-37.47 dBm	-27.25 dB	-7.21 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.02496 GHz	-64.22 dBm	-54.01 dB	-14.05 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.02592 GHz	-64.20 dBm	-53.98 dB	-13.98 dB

Date: 15.OCT.2023 21:20:10

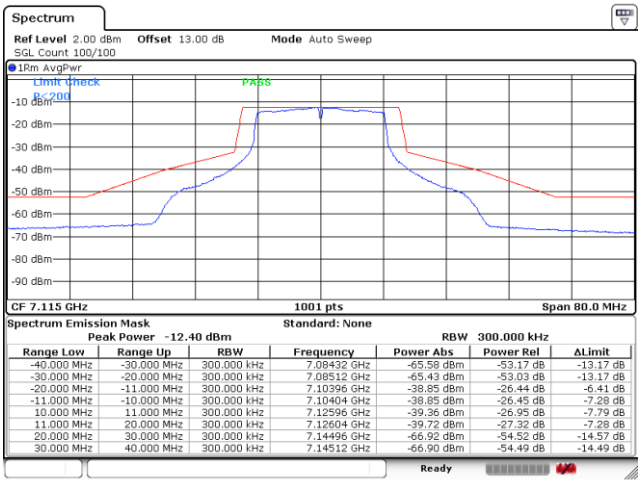
Plot on Channel 7095MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.06496 GHz	-65.11 dBm	-53.03 dB	-13.03 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.06504 GHz	-65.22 dBm	-53.14 dB	-13.19 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.08396 GHz	-38.77 dBm	-26.70 dB	-6.66 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.08404 GHz	-38.55 dBm	-26.48 dB	-7.31 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.10596 GHz	-39.38 dBm	-27.30 dB	-8.13 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.10604 GHz	-39.74 dBm	-27.66 dB	-7.63 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.12496 GHz	-66.72 dBm	-54.64 dB	-14.69 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.12504 GHz	-66.46 dBm	-54.38 dB	-14.38 dB

Date: 15.OCT.2023 21:27:21

Plot on Channel 7115MHz



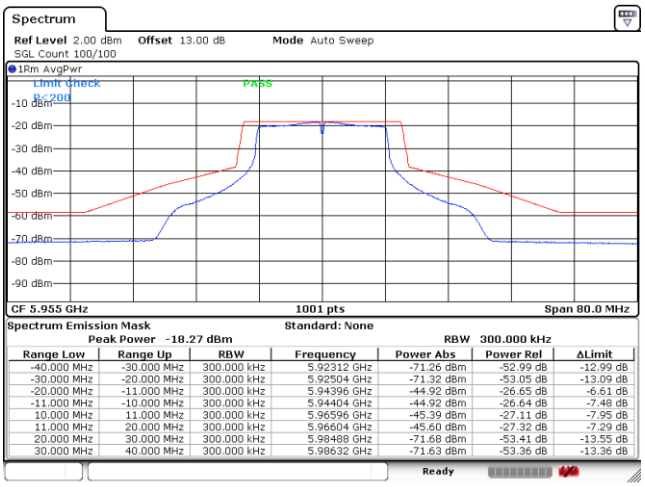
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.08432 GHz	-65.58 dBm	-53.17 dB	-13.17 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.08512 GHz	-65.43 dBm	-53.03 dB	-13.17 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.10396 GHz	-38.85 dBm	-26.44 dB	-6.41 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.10404 GHz	-38.85 dBm	-26.45 dB	-7.28 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.12596 GHz	-39.36 dBm	-26.95 dB	-7.79 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.12604 GHz	-39.72 dBm	-27.32 dB	-7.28 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.14496 GHz	-66.92 dBm	-54.52 dB	-14.57 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.14512 GHz	-66.90 dBm	-54.49 dB	-14.49 dB

Date: 15.OCT.2023 21:33:40

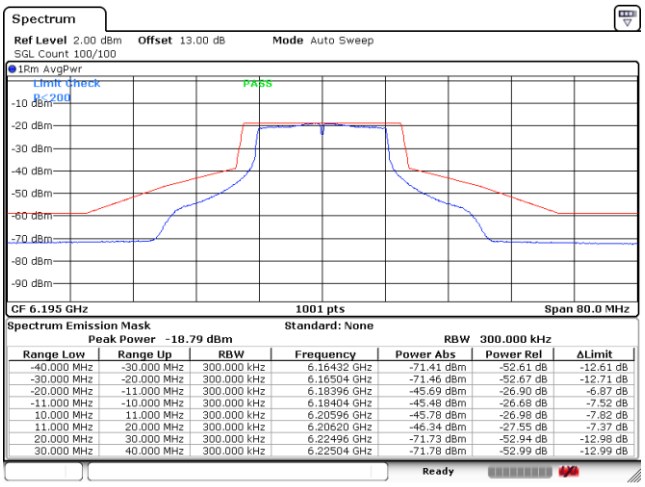
<MIMO Ant.0+1(0)>:

EUT Mode :	802.11a

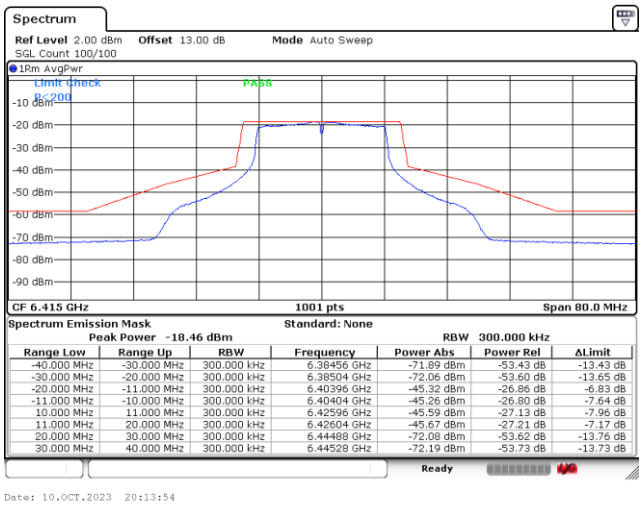
Plot on Channel 5955MHz



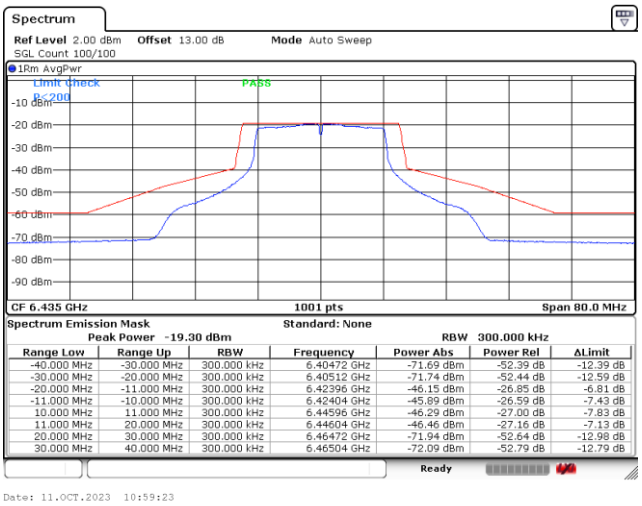
Plot on Channel 6195MHz



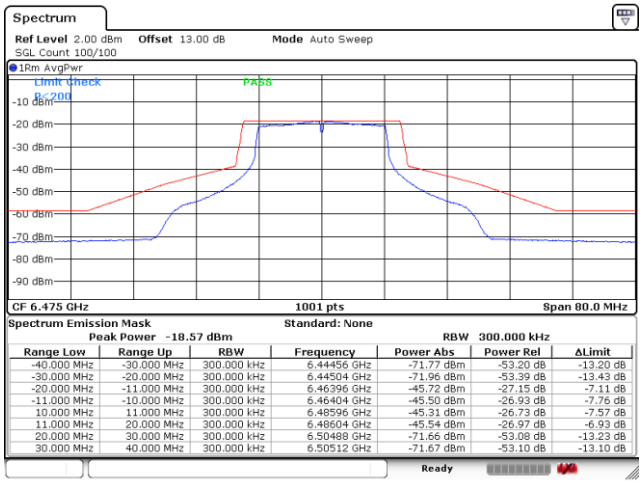
Plot on Channel 6415MHz



Plot on Channel 6435MHz



Plot on Channel 6475MHz



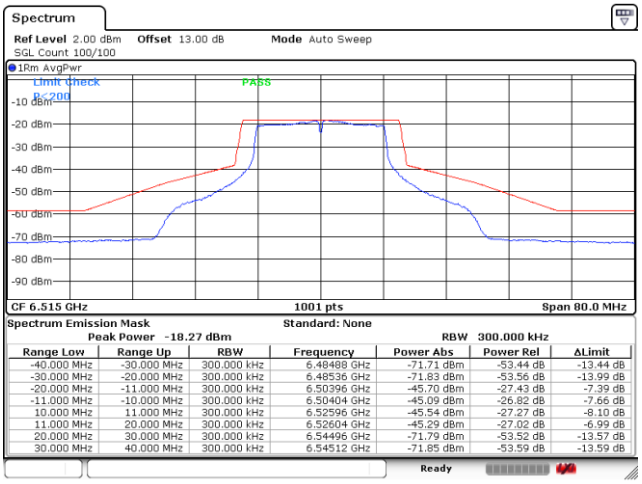
Spectrum Emission Mask Standard: None

Peak Power -18.57 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.44456 GHz	-71.77 dBm	-53.20 dB	-13.20 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.44504 GHz	-71.96 dBm	-53.39 dB	-13.43 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.46396 GHz	-45.72 dBm	-27.15 dB	-7.11 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.46404 GHz	-45.50 dBm	-26.93 dB	-7.76 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.48596 GHz	-45.31 dBm	-26.73 dB	-7.57 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.48604 GHz	-45.54 dBm	-26.97 dB	-6.93 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.50488 GHz	-71.66 dBm	-53.08 dB	-13.23 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.50512 GHz	-71.67 dBm	-53.10 dB	-13.10 dB

Date: 11.OCT.2023 13:06:51

Plot on Channel 6515MHz



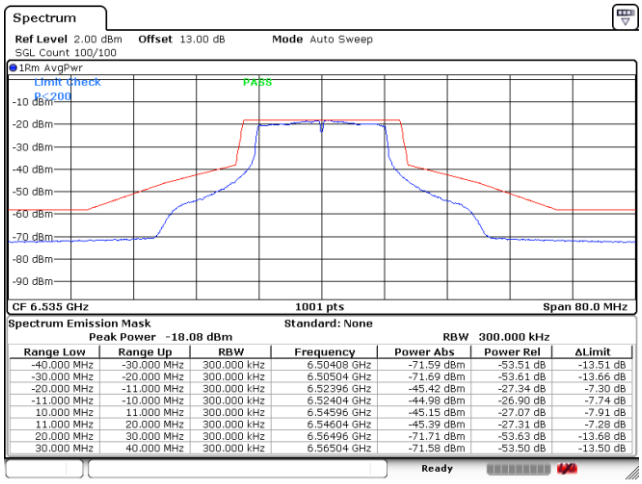
Spectrum Emission Mask Standard: None

Peak Power -18.27 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.48488 GHz	-71.71 dBm	-53.44 dB	-13.44 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.48536 GHz	-71.83 dBm	-53.56 dB	-13.99 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.50396 GHz	-45.70 dBm	-27.43 dB	-7.39 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.50404 GHz	-45.09 dBm	-26.82 dB	-7.66 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.52596 GHz	-45.54 dBm	-27.27 dB	-8.10 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.52604 GHz	-45.29 dBm	-27.02 dB	-6.99 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.54496 GHz	-71.79 dBm	-53.52 dB	-13.57 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.54512 GHz	-71.85 dBm	-53.59 dB	-13.59 dB

Date: 11.OCT.2023 11:45:38

Plot on Channel 6535MHz



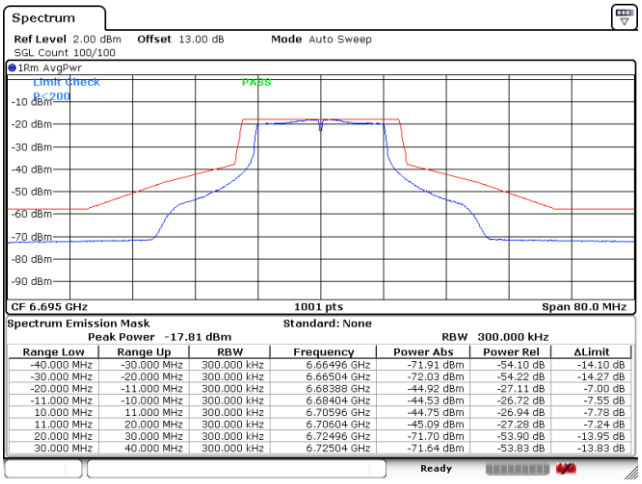
Spectrum Emission Mask Standard: None

Peak Power -18.08 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.50408 GHz	-71.59 dBm	-53.51 dB	-13.51 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.50504 GHz	-71.69 dBm	-53.61 dB	-13.66 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.52396 GHz	-45.42 dBm	-27.34 dB	-7.30 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.52404 GHz	-44.98 dBm	-26.90 dB	-7.74 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.54596 GHz	-45.15 dBm	-27.07 dB	-7.91 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.54604 GHz	-45.39 dBm	-27.31 dB	-7.28 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.56496 GHz	-71.71 dBm	-53.63 dB	-13.68 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.56504 GHz	-71.58 dBm	-53.50 dB	-13.50 dB

Date: 11.OCT.2023 23:42:33

Plot on Channel 6695MHz



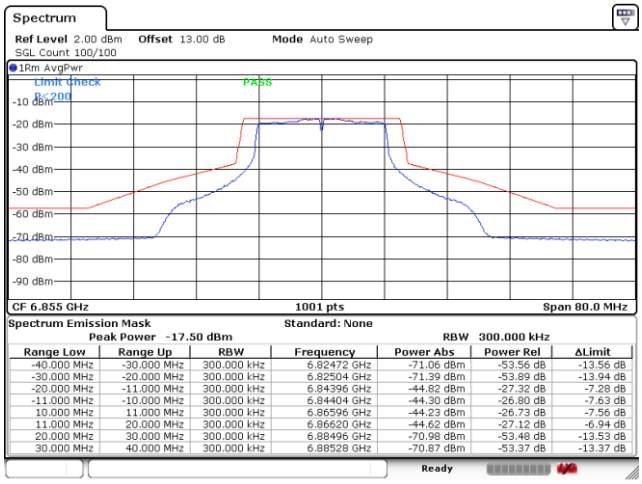
Spectrum Emission Mask Standard: None

Peak Power -17.81 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66496 GHz	-71.91 dBm	-54.10 dB	-14.10 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66504 GHz	-72.03 dBm	-54.22 dB	-14.27 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68388 GHz	-44.92 dBm	-27.11 dB	-7.00 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-44.53 dBm	-26.72 dB	-7.55 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-44.75 dBm	-26.94 dB	-7.78 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-45.09 dBm	-27.28 dB	-7.24 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72496 GHz	-71.70 dBm	-53.90 dB	-13.95 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72504 GHz	-71.64 dBm	-53.83 dB	-13.83 dB

Date: 11.OCT.2023 23:53:36

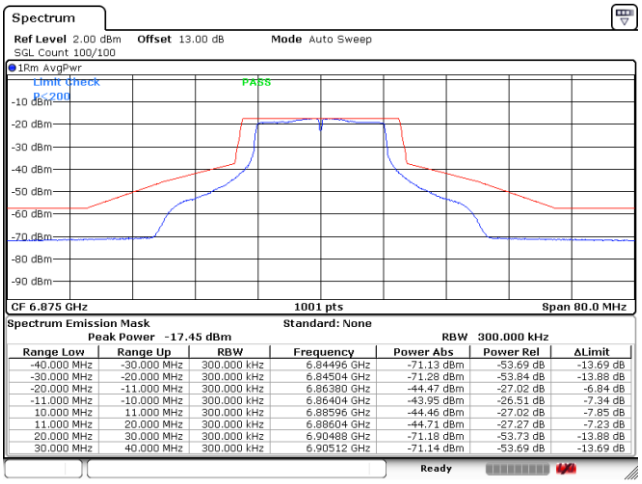
Plot on Channel 6855MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82472 GHz	-71.06 dBm	-53.56 dB	-13.56 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82504 GHz	-71.39 dBm	-53.89 dB	-13.94 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.84396 GHz	-44.82 dBm	-27.32 dB	-7.28 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-44.30 dBm	-26.80 dB	-7.63 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-44.23 dBm	-26.73 dB	-7.56 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86620 GHz	-44.62 dBm	-27.12 dB	-6.94 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88496 GHz	-70.98 dBm	-53.48 dB	-13.53 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88528 GHz	-70.87 dBm	-53.37 dB	-13.37 dB

Date: 12.OCT.2023 00:02:48

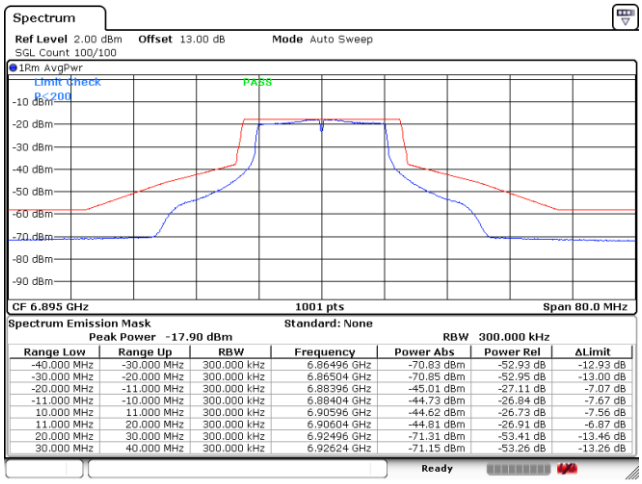
Plot on Channel 6875MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.84496 GHz	-71.13 dBm	-53.69 dB	-13.69 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.84504 GHz	-71.28 dBm	-53.84 dB	-13.88 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.86380 GHz	-44.47 dBm	-27.02 dB	-6.84 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.86404 GHz	-43.95 dBm	-26.51 dB	-7.34 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.88596 GHz	-44.46 dBm	-27.02 dB	-7.85 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.88604 GHz	-44.71 dBm	-27.27 dB	-7.23 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.90488 GHz	-71.18 dBm	-53.73 dB	-13.88 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.90512 GHz	-71.14 dBm	-53.69 dB	-13.69 dB

Date: 12.OCT.2023 00:23:08

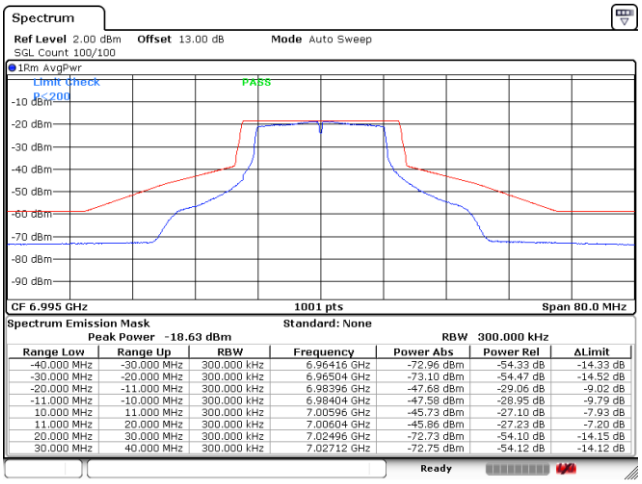
Plot on Channel 6895MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.86496 GHz	-70.83 dBm	-52.93 dB	-12.93 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.86504 GHz	-70.85 dBm	-52.95 dB	-13.00 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.88396 GHz	-45.01 dBm	-27.11 dB	-7.07 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.88404 GHz	-44.73 dBm	-26.84 dB	-7.67 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.90596 GHz	-44.62 dBm	-26.73 dB	-7.56 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.90604 GHz	-44.81 dBm	-26.91 dB	-6.87 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.92496 GHz	-71.31 dBm	-53.41 dB	-13.46 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.92624 GHz	-71.15 dBm	-53.26 dB	-13.26 dB

Date: 13.OCT.2023 21:43:24

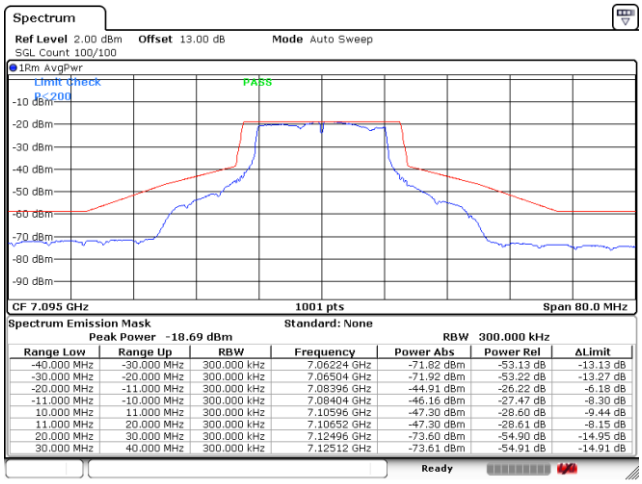
Plot on Channel 6995MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.96416 GHz	-72.96 dBm	-54.33 dB	-14.33 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.96504 GHz	-73.10 dBm	-54.47 dB	-14.52 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.98396 GHz	-47.68 dBm	-29.06 dB	-9.02 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.98404 GHz	-47.58 dBm	-28.95 dB	-9.79 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.00596 GHz	-45.73 dBm	-27.10 dB	-7.93 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.00604 GHz	-45.86 dBm	-27.23 dB	-7.20 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.02496 GHz	-72.73 dBm	-54.10 dB	-14.15 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.02712 GHz	-72.75 dBm	-54.12 dB	-14.12 dB

Date: 13.OCT.2023 21:58:25

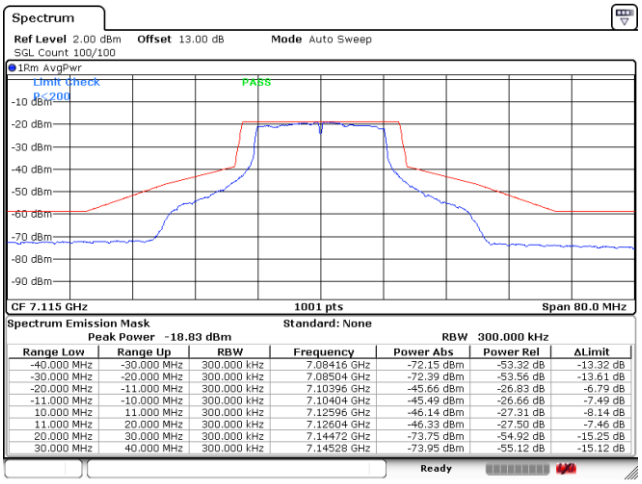
Plot on Channel 7095MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.06224 GHz	-71.82 dBm	-53.13 dB	-13.13 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.06504 GHz	-71.92 dBm	-53.22 dB	-13.27 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.08396 GHz	-44.91 dBm	-26.22 dB	-6.18 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.08404 GHz	-46.16 dBm	-27.47 dB	-8.30 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.10596 GHz	-47.30 dBm	-28.60 dB	-9.44 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.10652 GHz	-47.30 dBm	-28.61 dB	-8.15 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.12496 GHz	-73.60 dBm	-54.90 dB	-14.95 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.12512 GHz	-73.61 dBm	-54.91 dB	-14.91 dB

Date: 13.OCT.2023 22:07:16

Plot on Channel 7115MHz

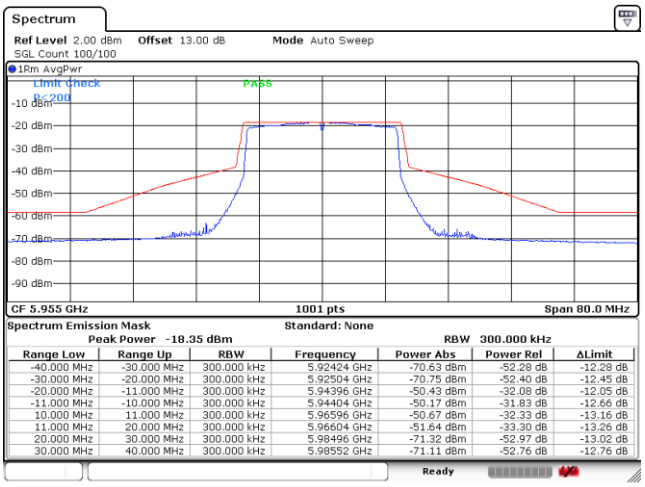


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.08416 GHz	-72.15 dBm	-53.32 dB	-13.32 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.08504 GHz	-72.39 dBm	-53.56 dB	-13.61 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.10396 GHz	-45.66 dBm	-26.83 dB	-6.79 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.10404 GHz	-45.49 dBm	-26.66 dB	-7.49 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.12596 GHz	-46.14 dBm	-27.31 dB	-8.14 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.12604 GHz	-46.33 dBm	-27.50 dB	-7.46 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.14472 GHz	-73.75 dBm	-54.92 dB	-15.25 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.14528 GHz	-73.95 dBm	-55.12 dB	-15.12 dB

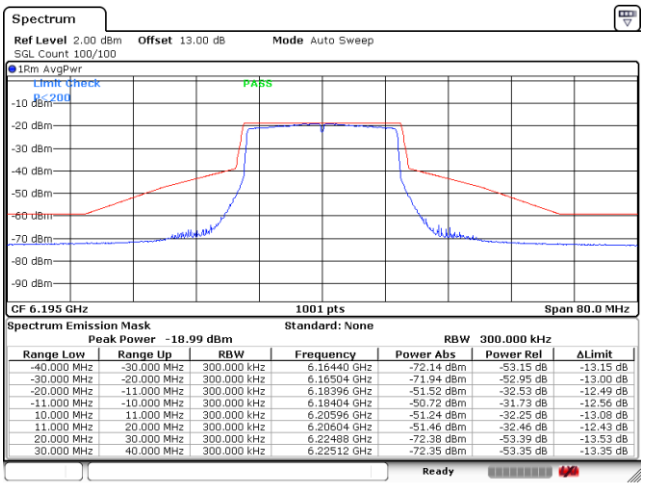
Date: 13.OCT.2023 22:10:08

EUT Mode :	802.11ax HE20 – Full RU

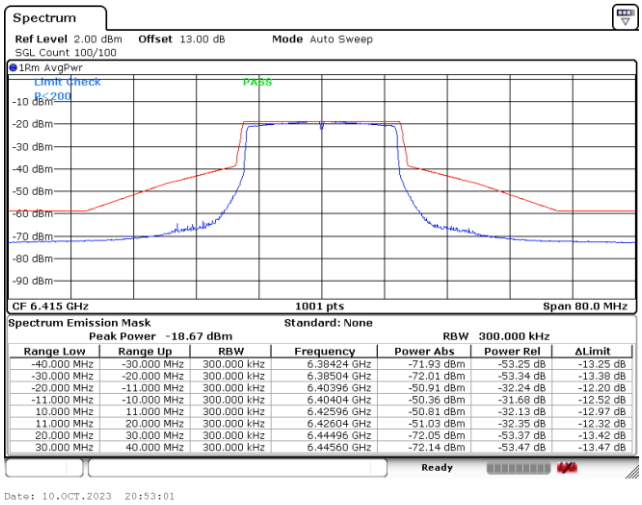
Plot on Channel 5955MHz



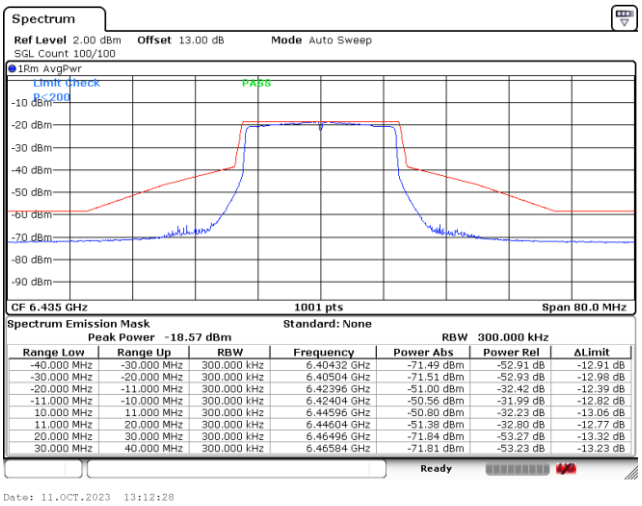
Plot on Channel 6195MHz



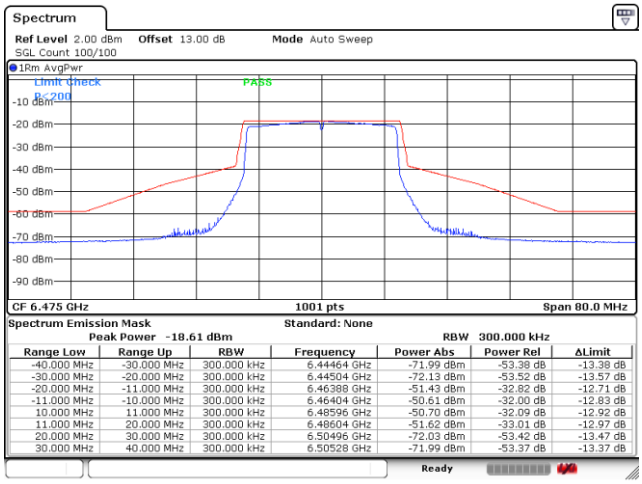
Plot on Channel 6415MHz



Plot on Channel 6435MHz



Plot on Channel 6475MHz



Spectrum Emission Mask Standard: None
Peak Power -18.61 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.44464 GHz	-71.99 dBm	-53.38 dB	-13.38 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.44504 GHz	-72.13 dBm	-53.52 dB	-13.57 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.46388 GHz	-51.43 dBm	-32.82 dB	-12.71 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.46404 GHz	-50.61 dBm	-32.00 dB	-12.83 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.48596 GHz	-50.70 dBm	-32.09 dB	-12.92 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.48604 GHz	-51.62 dBm	-33.01 dB	-12.97 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.50496 GHz	-72.03 dBm	-53.42 dB	-13.47 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.50528 GHz	-71.99 dBm	-53.37 dB	-13.37 dB

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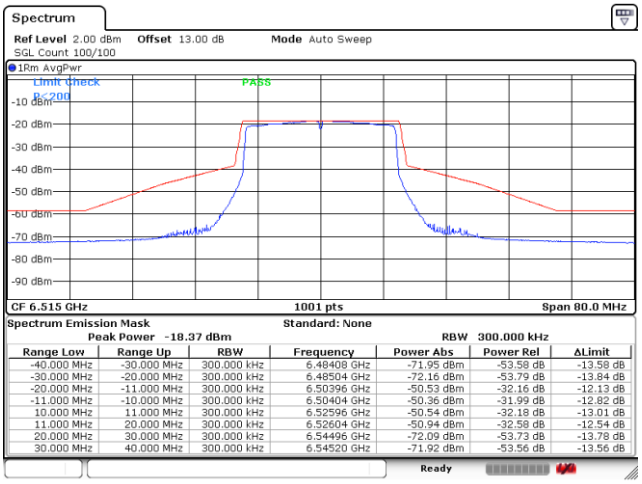
Plot on Channel 6515MHz



Spectrum Emission Mask Standard: None
Peak Power -18.37 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.48408 GHz	-71.95 dBm	-53.58 dB	-13.58 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.48504 GHz	-72.16 dBm	-53.79 dB	-13.84 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.50396 GHz	-50.53 dBm	-32.16 dB	-12.13 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.50404 GHz	-50.36 dBm	-31.99 dB	-12.82 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.52596 GHz	-50.54 dBm	-32.18 dB	-13.01 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.52604 GHz	-50.94 dBm	-32.58 dB	-12.54 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.54496 GHz	-72.09 dBm	-53.73 dB	-13.78 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.54520 GHz	-71.92 dBm	-53.56 dB	-13.56 dB

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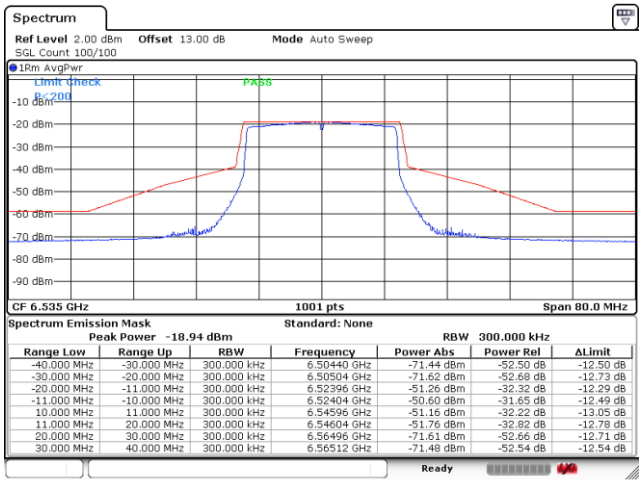
Plot on Channel 6535MHz

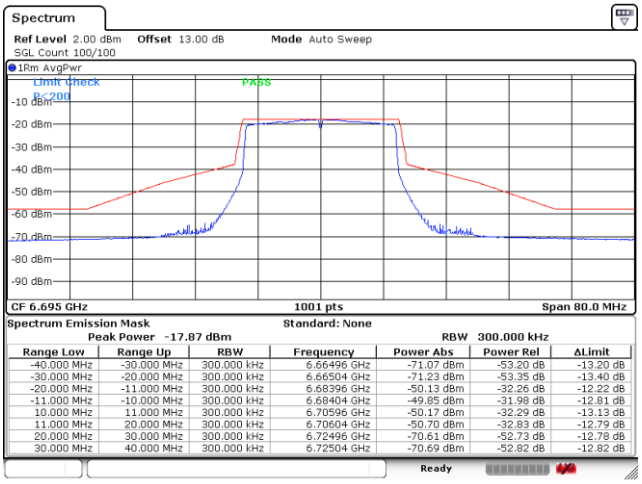


Spectrum Emission Mask Standard: None
Peak Power -18.94 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.50440 GHz	-71.44 dBm	-52.50 dB	-12.50 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.50504 GHz	-71.62 dBm	-52.68 dB	-12.73 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.52396 GHz	-51.26 dBm	-32.32 dB	-12.29 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.52404 GHz	-50.60 dBm	-31.65 dB	-12.49 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.54596 GHz	-51.16 dBm	-32.22 dB	-13.05 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.54604 GHz	-51.76 dBm	-32.82 dB	-12.78 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.56496 GHz	-71.61 dBm	-52.66 dB	-12.71 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.56512 GHz	-71.48 dBm	-52.54 dB	-12.54 dB

Date: 12.OCT.2023 00:37:48

Plot on Channel 6695MHz



Spectrum Emission Mask Standard: None
Peak Power -17.87 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66496 GHz	-71.07 dBm	-53.20 dB	-13.20 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66504 GHz	-71.23 dBm	-53.35 dB	-13.40 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68396 GHz	-50.13 dBm	-32.26 dB	-12.22 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-49.85 dBm	-31.98 dB	-12.81 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-50.17 dBm	-32.29 dB	-13.13 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-50.70 dBm	-32.83 dB	-12.79 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72496 GHz	-70.61 dBm	-52.73 dB	-12.78 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72504 GHz	-70.69 dBm	-52.82 dB	-12.82 dB

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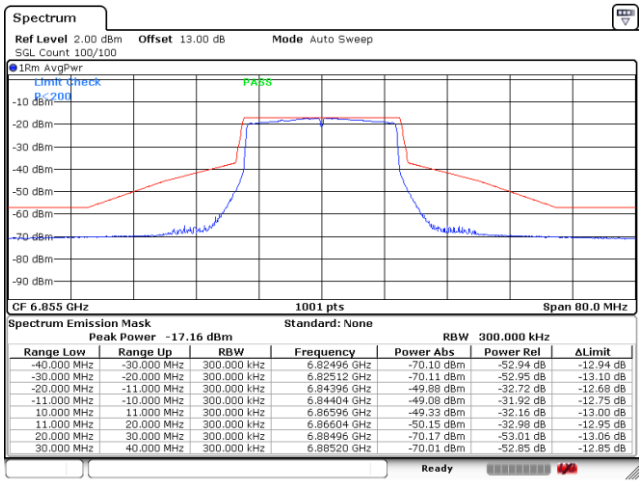
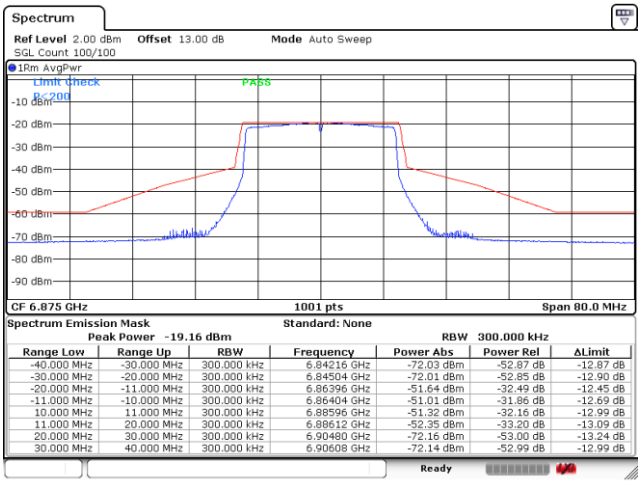
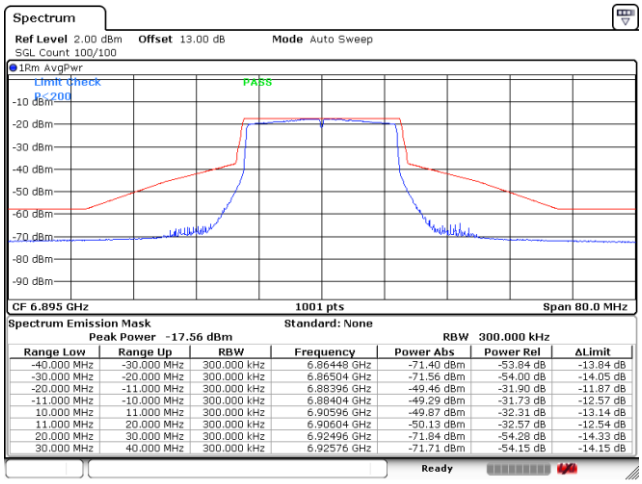
Plot on Channel 6855MHz



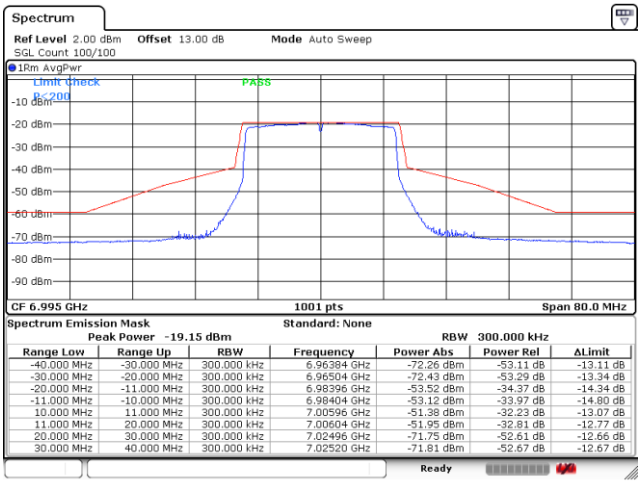
Plot on Channel 6875MHz



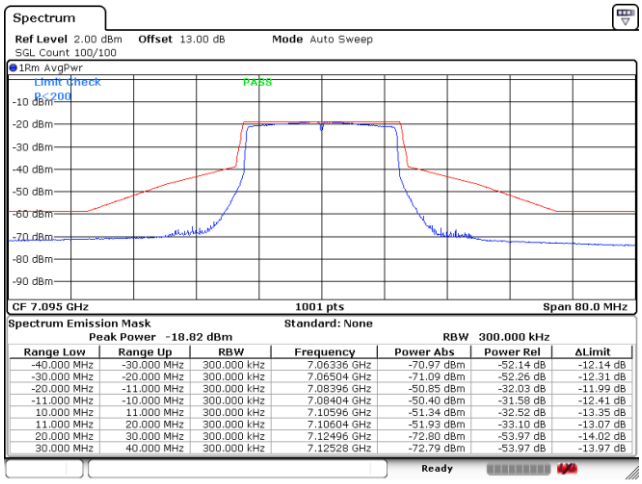
Plot on Channel 6895MHz



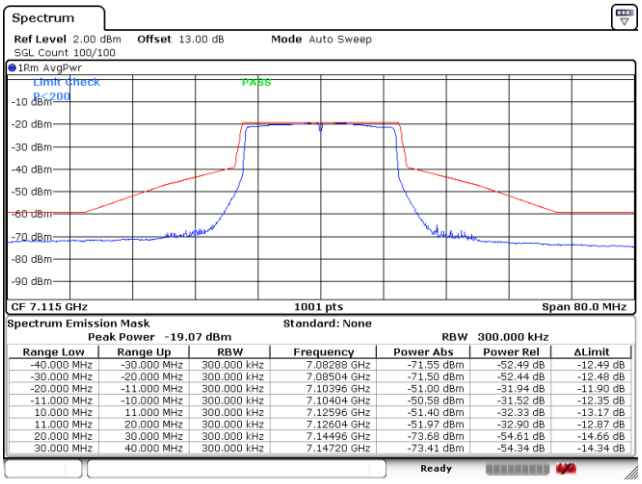
Plot on Channel 6995MHz



Plot on Channel 7095MHz

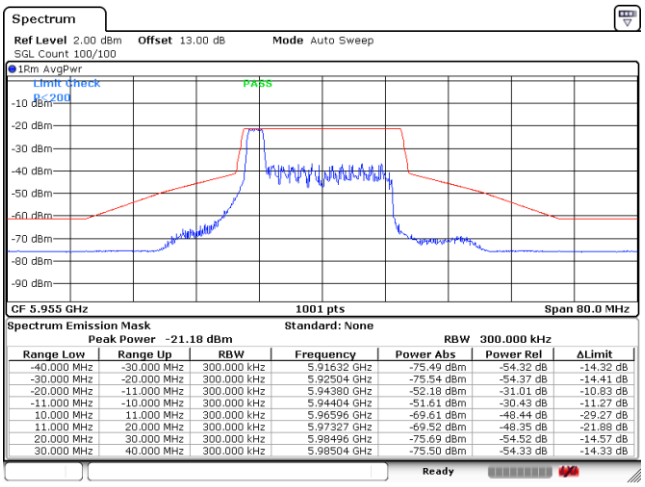


Plot on Channel 7115MHz

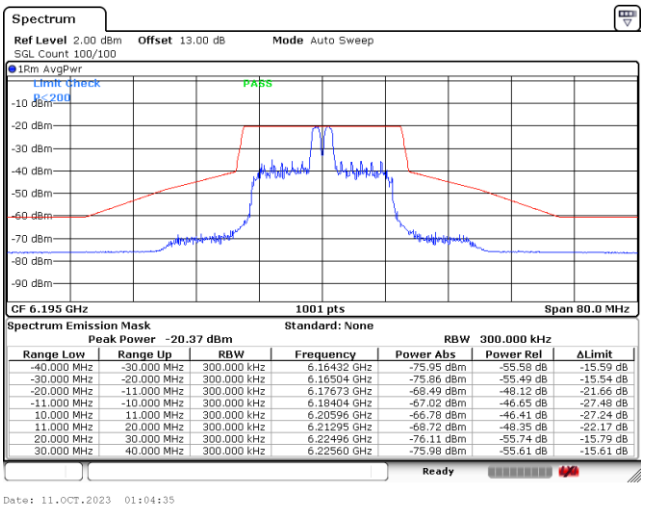


EUT Mode :	802.11ax HE20 – Partial RU

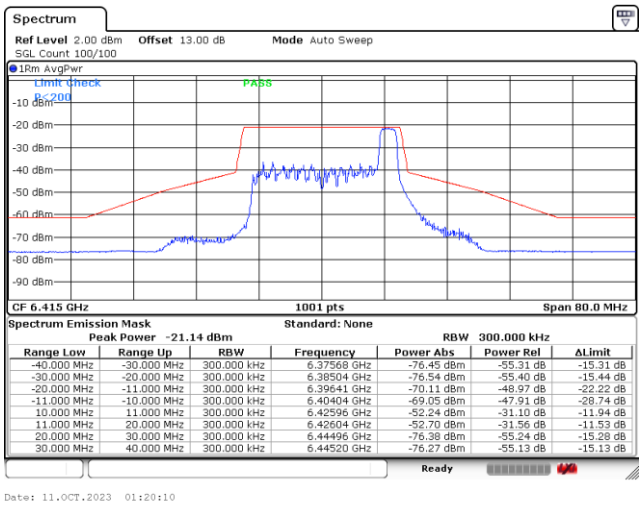
Plot on Channel 5955MHz 26RU0



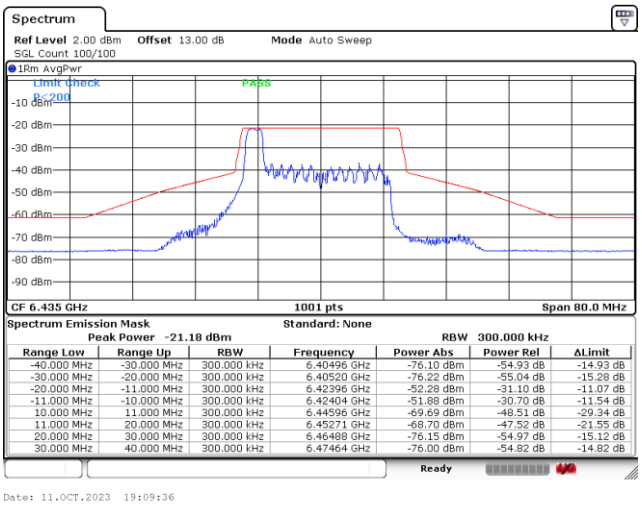
Plot on Channel 6195MHz 26RU4



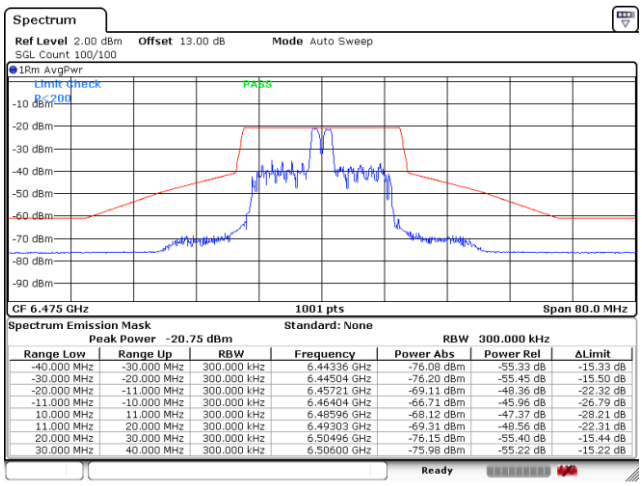
Plot on Channel 6415MHz 26RU8



Plot on Channel 6435MHz 26RU0



Plot on Channel 6475MHz 26RU4



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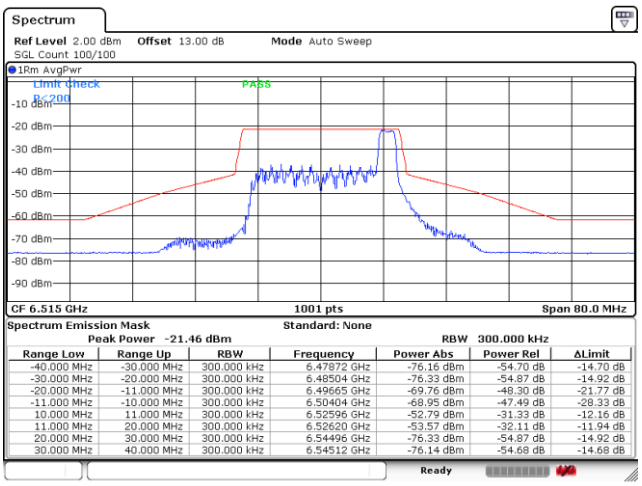
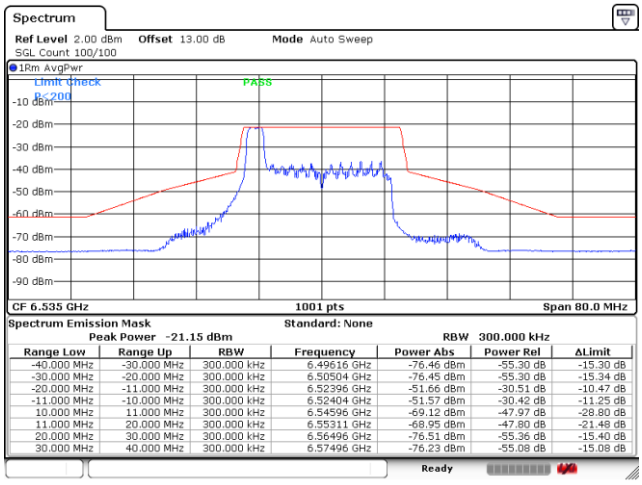
Plot on Channel 6515MHz 26RU8



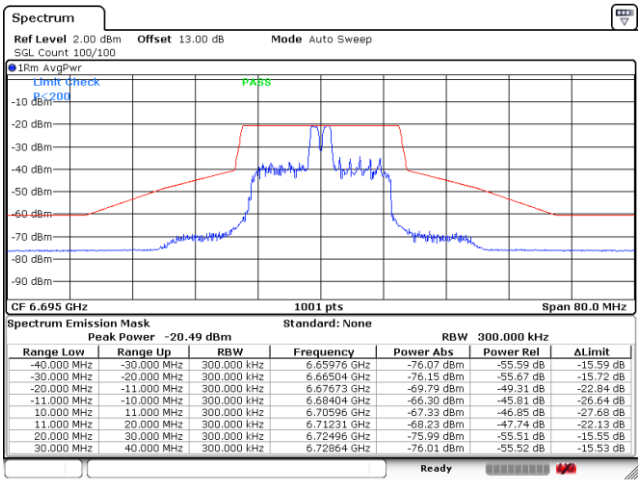
Date: 11.OCT.2023 20:11:15

Plot on Channel 6535MHz 26RU0



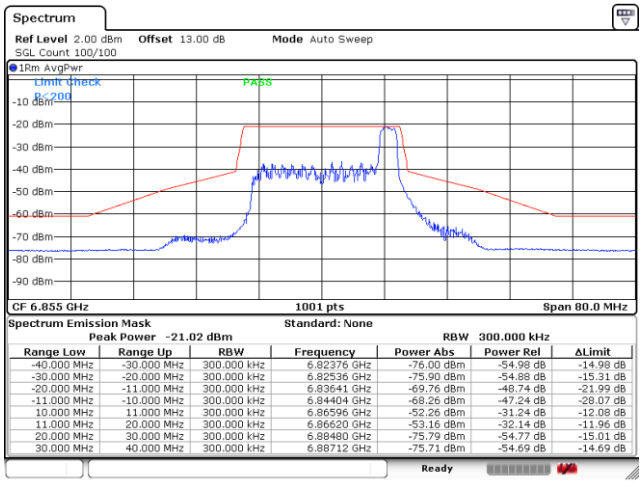
Date: 13.OCT.2023 11:33:37

Plot on Channel 6695MHz 26RU4



Date: 13.OCT.2023 11:52:50

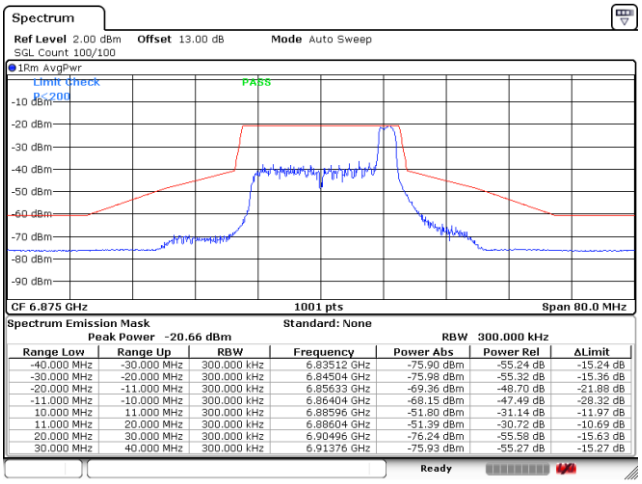
Plot on Channel 6855MHz 26RU8



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82376 GHz	-76.00 dBm	-54.98 dB	-14.98 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82536 GHz	-75.90 dBm	-54.88 dB	-15.31 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.83641 GHz	-69.76 dBm	-48.74 dB	-21.99 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-68.26 dBm	-47.24 dB	-28.07 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-52.26 dBm	-31.24 dB	-12.08 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86620 GHz	-53.16 dBm	-32.14 dB	-11.96 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88480 GHz	-75.79 dBm	-54.77 dB	-15.01 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88712 GHz	-75.71 dBm	-54.69 dB	-14.69 dB

Date: 13.OCT.2023 13:16:32

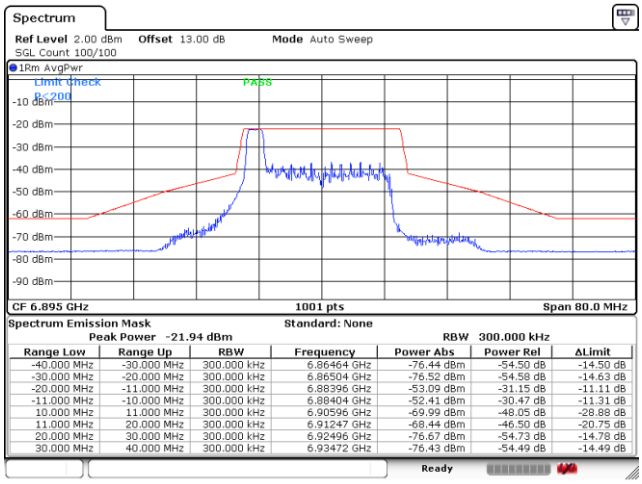
Plot on Channel 6875MHz 26RU8



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.83512 GHz	-75.90 dBm	-55.24 dB	-15.24 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.84504 GHz	-75.98 dBm	-55.32 dB	-15.36 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.85633 GHz	-69.36 dBm	-48.70 dB	-21.88 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.86404 GHz	-68.15 dBm	-47.49 dB	-28.32 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.88596 GHz	-51.80 dBm	-31.14 dB	-11.97 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.88604 GHz	-51.39 dBm	-30.72 dB	-10.69 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.90496 GHz	-76.24 dBm	-55.58 dB	-15.63 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.91376 GHz	-75.93 dBm	-55.27 dB	-15.27 dB

Date: 13.OCT.2023 17:34:14

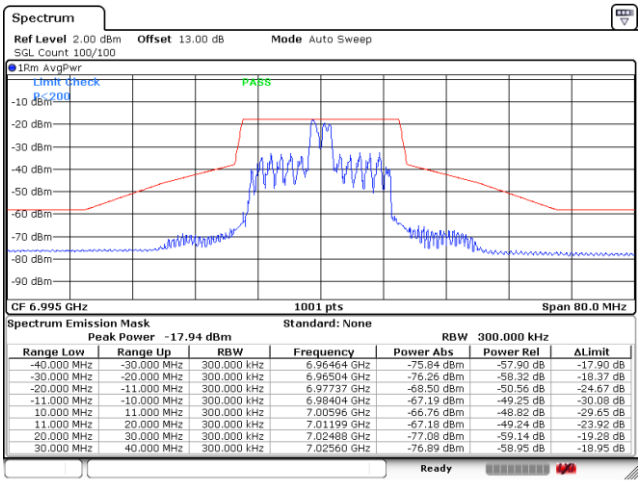
Plot on Channel 6895MHz 26RU0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.86464 GHz	-76.44 dBm	-54.50 dB	-14.50 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.86504 GHz	-76.52 dBm	-54.58 dB	-14.63 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.88396 GHz	-53.09 dBm	-31.15 dB	-11.11 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.88404 GHz	-52.41 dBm	-30.47 dB	-11.31 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.90596 GHz	-69.99 dBm	-48.05 dB	-28.88 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.91247 GHz	-68.44 dBm	-46.50 dB	-20.75 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.92496 GHz	-76.67 dBm	-54.73 dB	-14.78 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.93472 GHz	-76.43 dBm	-54.49 dB	-14.49 dB

Date: 14.OCT.2023 10:01:05

Plot on Channel 6995MHz 26RU4



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.96464 GHz	-75.84 dBm	-57.90 dB	-17.90 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.96504 GHz	-76.26 dBm	-58.32 dB	-18.37 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.97737 GHz	-68.50 dBm	-50.56 dB	-24.67 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.98404 GHz	-67.19 dBm	-49.25 dB	-30.08 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.00596 GHz	-66.76 dBm	-48.82 dB	-29.65 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.01199 GHz	-67.18 dBm	-49.24 dB	-23.92 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.02488 GHz	-77.08 dBm	-59.14 dB	-19.28 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.02560 GHz	-76.89 dBm	-58.95 dB	-18.95 dB

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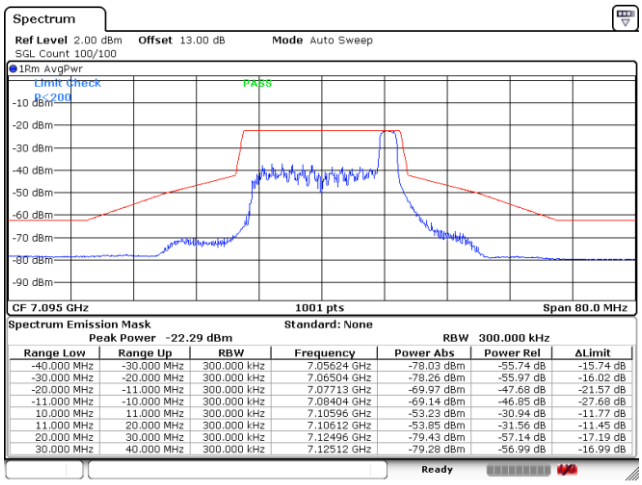
Plot on Channel 7095MHz 26RU8



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.05624 GHz	-78.03 dBm	-55.74 dB	-15.74 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.06504 GHz	-78.26 dBm	-55.97 dB	-16.02 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.07713 GHz	-69.97 dBm	-47.68 dB	-21.57 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.08404 GHz	-69.14 dBm	-46.85 dB	-27.68 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.10596 GHz	-53.23 dBm	-30.94 dB	-11.77 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.10612 GHz	-53.85 dBm	-31.56 dB	-11.45 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.12496 GHz	-79.43 dBm	-57.14 dB	-17.19 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.12512 GHz	-79.28 dBm	-56.99 dB	-16.99 dB

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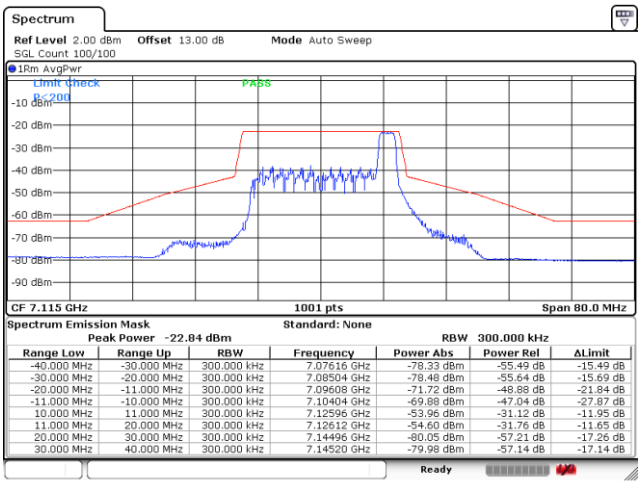
Plot on Channel 7115MHz 26RU8



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.07616 GHz	-78.33 dBm	-55.49 dB	-15.49 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.08504 GHz	-78.48 dBm	-55.64 dB	-15.69 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.09608 GHz	-71.72 dBm	-48.88 dB	-21.84 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.10404 GHz	-69.88 dBm	-47.04 dB	-27.87 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.12596 GHz	-53.96 dBm	-31.12 dB	-11.95 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.12612 GHz	-54.60 dBm	-31.76 dB	-11.65 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.14496 GHz	-80.05 dBm	-57.21 dB	-17.26 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.14520 GHz	-79.98 dBm	-57.14 dB	-17.14 dB

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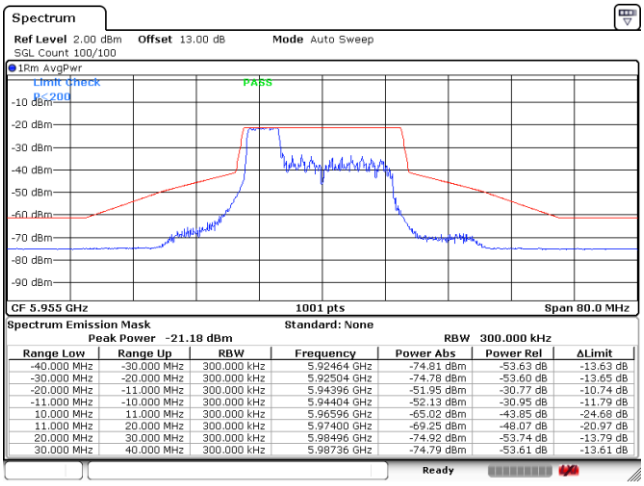
Plot on Channel 5955MHz 52RU37



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	5.92464 GHz	-74.81 dBm	-53.63 dB	-13.63 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	5.92504 GHz	-74.78 dBm	-53.60 dB	-13.65 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	5.94396 GHz	-51.95 dBm	-30.77 dB	-10.74 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	5.94404 GHz	-52.13 dBm	-30.95 dB	-11.79 dB
10.000 MHz	11.000 MHz	300.000 kHz	5.96596 GHz	-65.02 dBm	-43.85 dB	-24.68 dB
11.000 MHz	20.000 MHz	300.000 kHz	5.97400 GHz	-69.25 dBm	-48.07 dB	-20.97 dB
20.000 MHz	30.000 MHz	300.000 kHz	5.98496 GHz	-74.92 dBm	-53.74 dB	-13.79 dB
30.000 MHz	40.000 MHz	300.000 kHz	5.98736 GHz	-74.79 dBm	-53.61 dB	-13.61 dB

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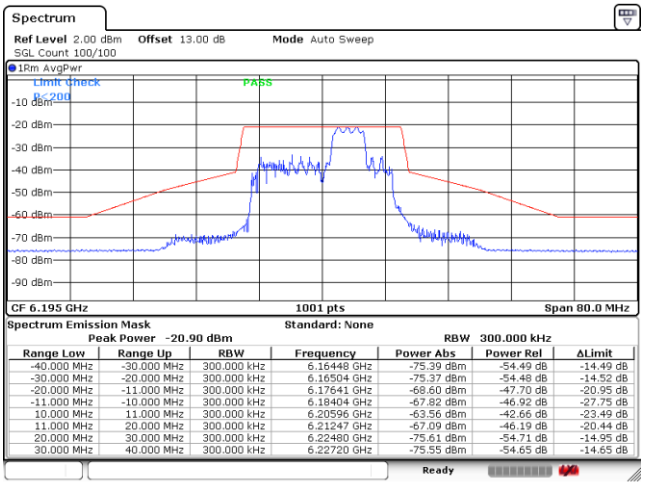
Plot on Channel 6195MHz 52RU39



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.16448 GHz	-75.39 dBm	-54.49 dB	-14.49 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.16504 GHz	-75.37 dBm	-54.48 dB	-14.52 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.17641 GHz	-68.60 dBm	-47.70 dB	-20.95 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.18404 GHz	-67.82 dBm	-46.92 dB	-27.75 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.20596 GHz	-63.56 dBm	-42.66 dB	-23.49 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.21247 GHz	-67.09 dBm	-46.19 dB	-20.44 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.22480 GHz	-75.61 dBm	-54.71 dB	-14.95 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.22720 GHz	-75.55 dBm	-54.65 dB	-14.65 dB

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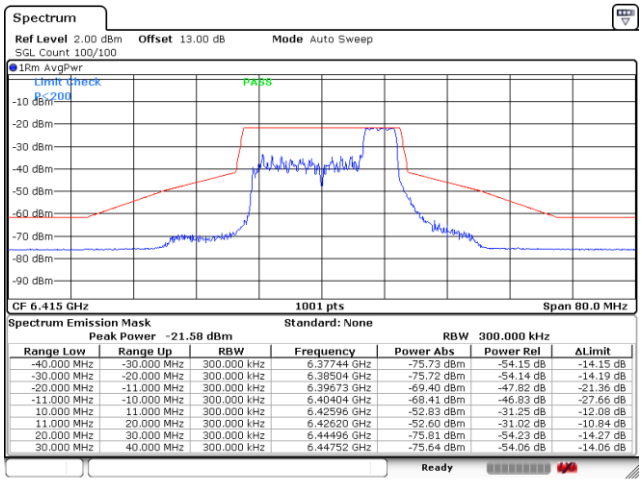
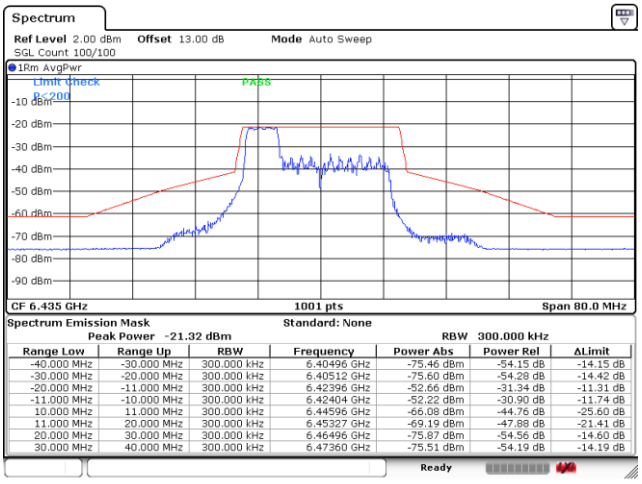
Plot on Channel 6415MHz 52RU40



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.37744 GHz	-75.73 dBm	-54.15 dB	-14.15 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.38504 GHz	-75.72 dBm	-54.14 dB	-14.19 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.39673 GHz	-69.40 dBm	-47.82 dB	-21.36 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.40404 GHz	-68.41 dBm	-46.83 dB	-27.66 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.42596 GHz	-52.83 dBm	-31.25 dB	-12.08 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.42620 GHz	-52.60 dBm	-31.02 dB	-10.84 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.44496 GHz	-75.81 dBm	-54.23 dB	-14.27 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.44752 GHz	-75.64 dBm	-54.06 dB	-14.06 dB

Date: 11.OCT.2023 01:30:53

Plot on Channel 6435MHz 52RU37



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.40496 GHz	-75.46 dBm	-54.15 dB	-14.15 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.40512 GHz	-75.60 dBm	-54.28 dB	-14.42 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.42396 GHz	-52.66 dBm	-31.34 dB	-11.31 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.42404 GHz	-52.22 dBm	-30.90 dB	-11.74 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.44596 GHz	-66.08 dBm	-44.76 dB	-25.60 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.45327 GHz	-69.19 dBm	-47.88 dB	-21.41 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.46496 GHz	-75.87 dBm	-54.56 dB	-14.60 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.47360 GHz	-75.51 dBm	-54.19 dB	-14.19 dB

Date: 11.OCT.2023 19:13:59