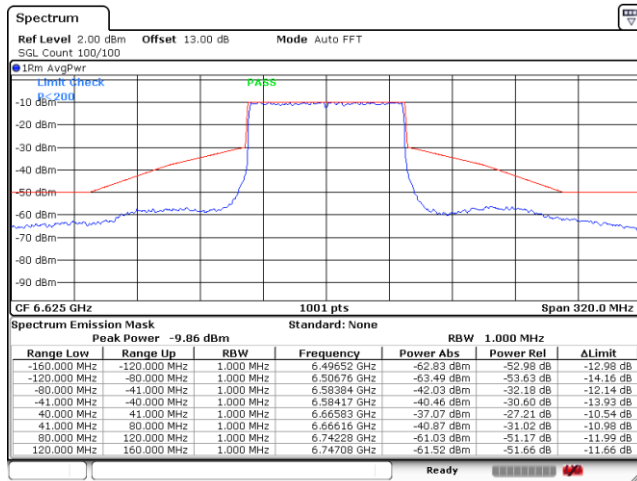


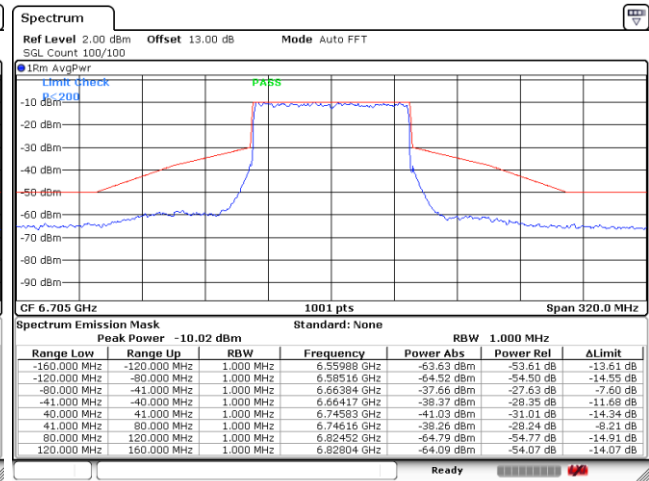


Plot on Channel 6625MHz



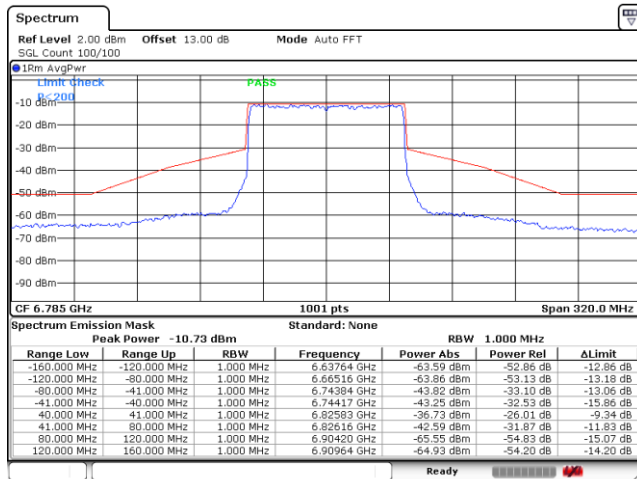
Date: 14.SEP.2023 00:17:49

Plot on Channel 6705MHz



Date: 14.SEP.2023 00:21:18

Plot on Channel 6785MHz

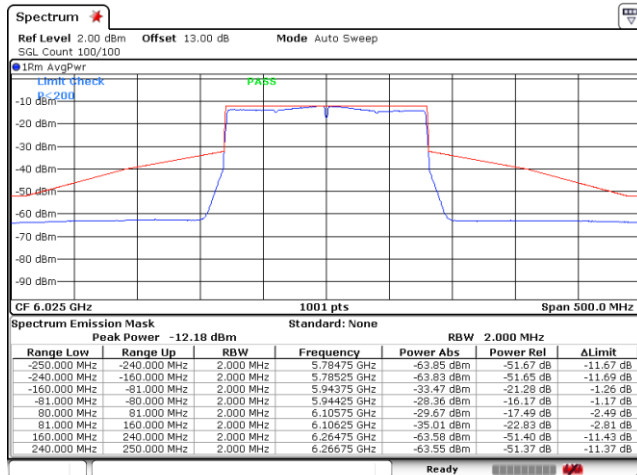


Date: 14.SEP.2023 00:22:53



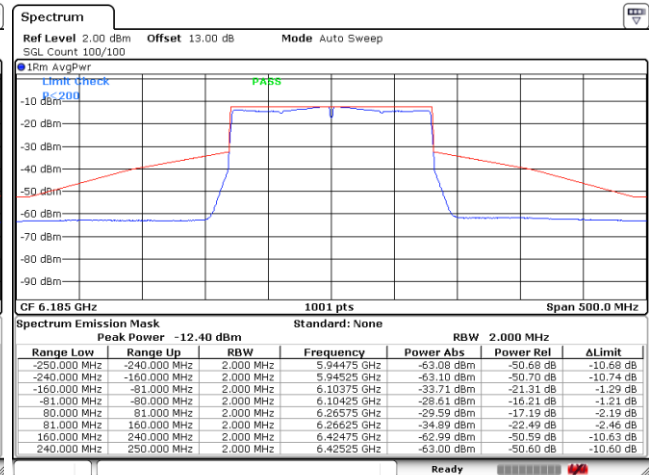
EUT Mode : 802.11be EHT160

Plot on Channel 6025MHz



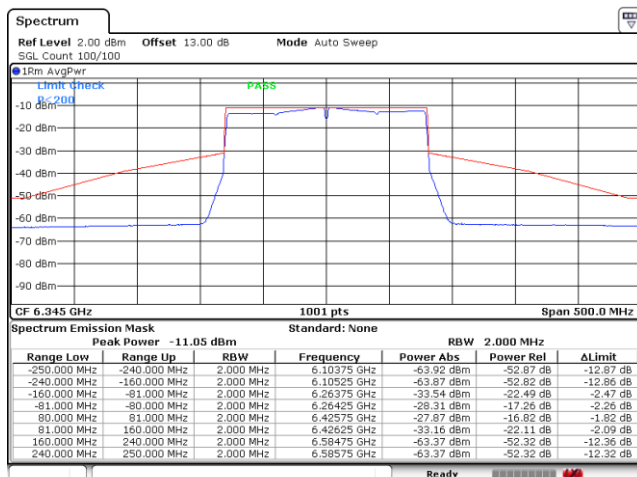
Date: 14.SEP.2023 00:38:08

Plot on Channel 6185MHz



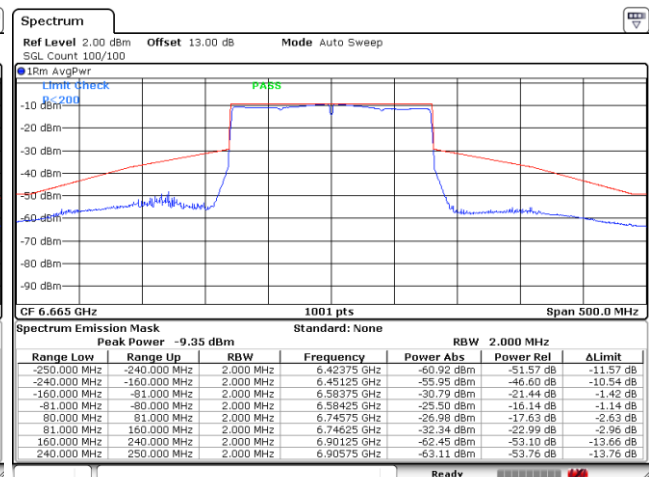
Date: 14.SEP.2023 00:39:52

Plot on Channel 6345MHz



Date: 14.SEP.2023 00:44:10

Plot on Channel 6665MHz

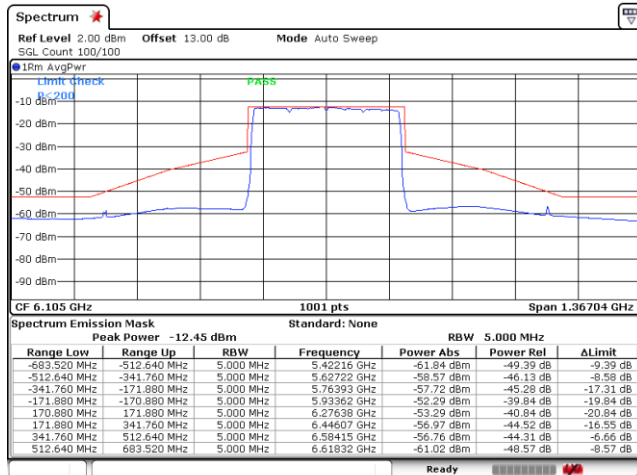


Date: 14.SEP.2023 00:56:10



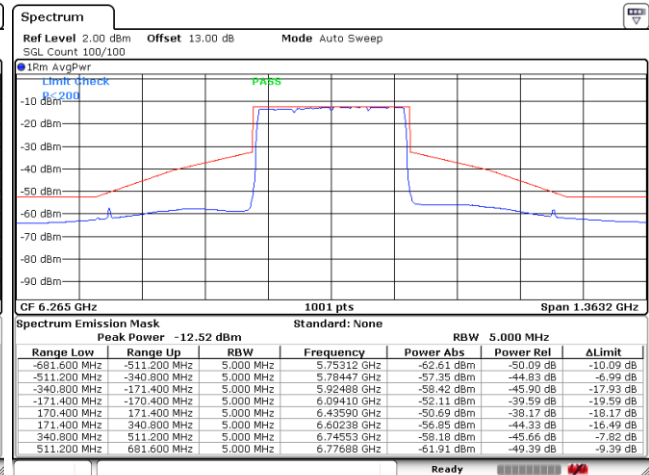
EUT Mode : 802.11be EHT320

Plot on Channel 6105MHz



Date: 14.SEP.2023 09:27:23

Plot on Channel 6265MHz

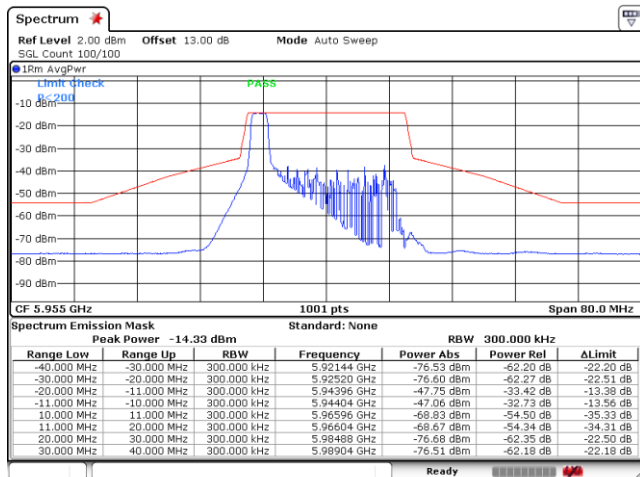


Date: 14.SEP.2023 10:33:37



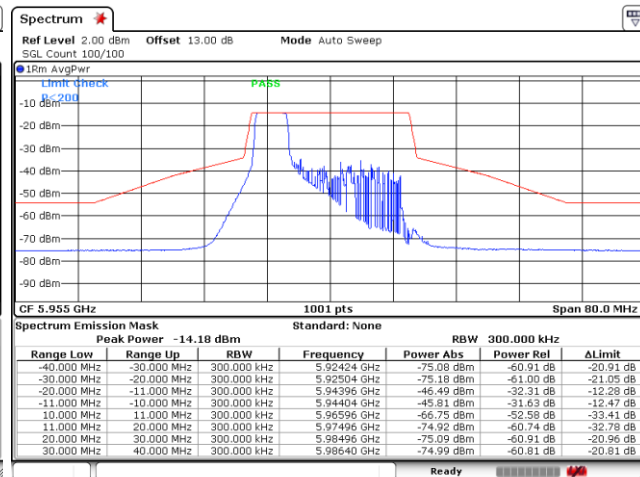
EUT Mode : 802.11be EHT20 – Partial RU

Plot on Channel 5955MHz 26RU0



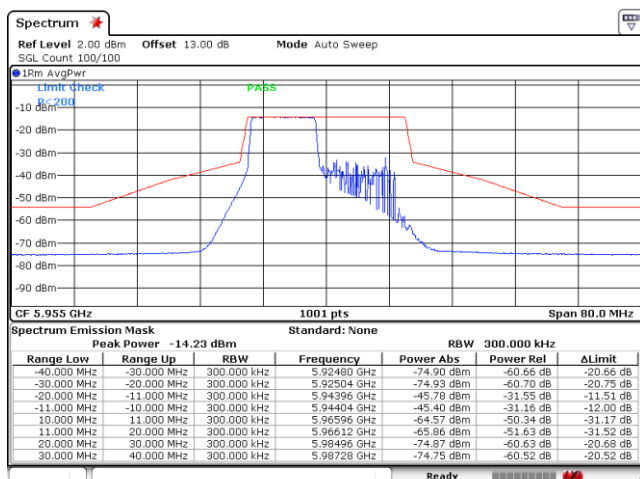
Date: 14.SEP.2023 16:27:30

Plot on Channel 5955MHz 52RU37



Date: 14.SEP.2023 16:29:43

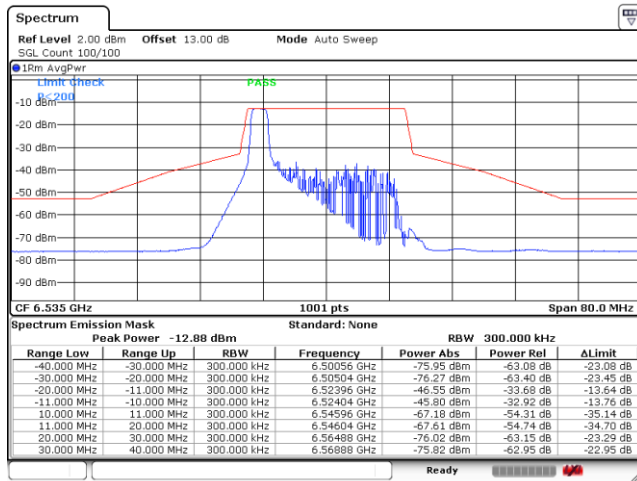
Plot on Channel 5955MHz 106RU53



Date: 14.SEP.2023 16:33:32

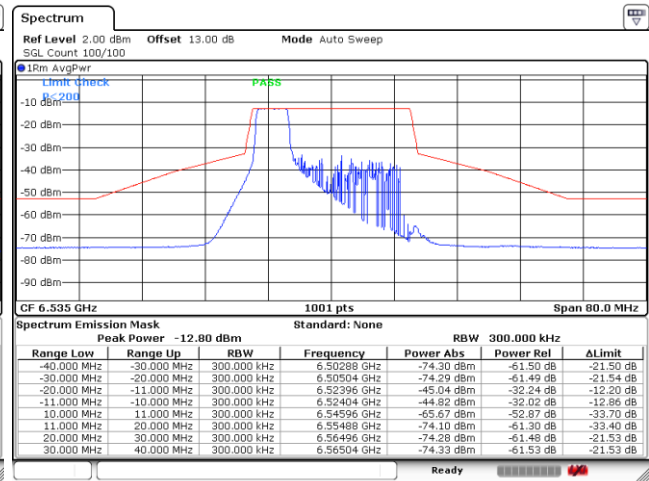


Plot on Channel 6535MHz 26RU0



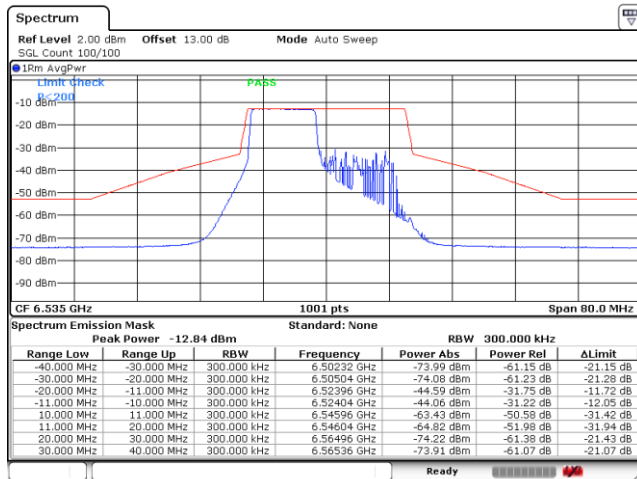
Date: 14.SEP.2023 17:50:04

Plot on Channel 6535MHz 52RU37



Date: 14.SEP.2023 17:51:18

Plot on Channel 6535MHz 106RU53



Date: 14.SEP.2023 17:55:21

3.5 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.5.1 Limit of Unwanted Emissions

- (1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.3
- 7 (Peak)	88.3

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

- (2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table:

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

Note: The following formula is used to convert the EIRP to field strength.

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

3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

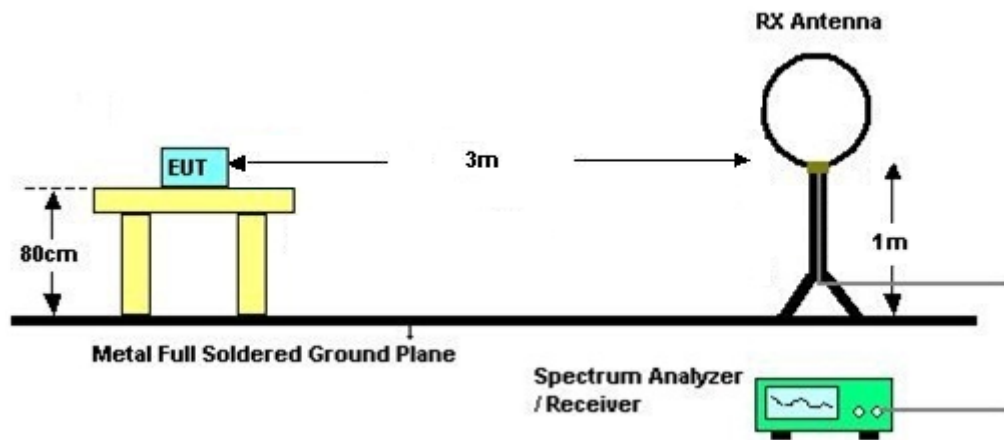


3.5.3 Test Procedures

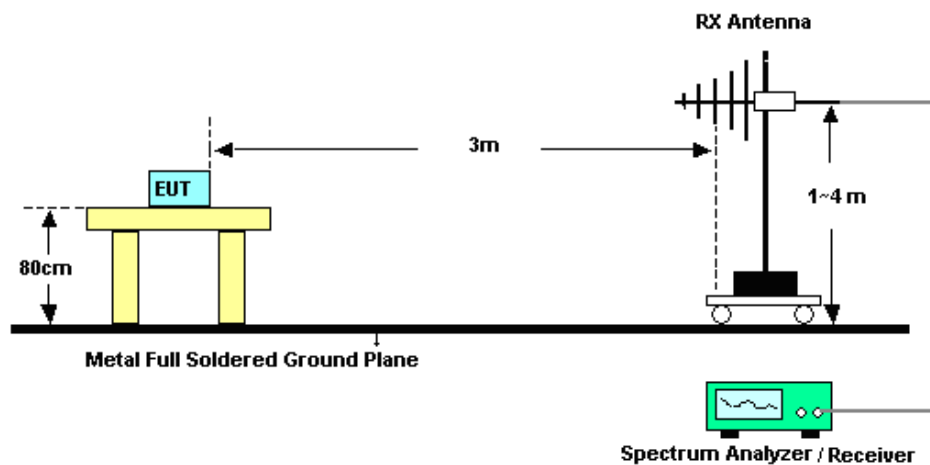
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.5.4 Test Setup

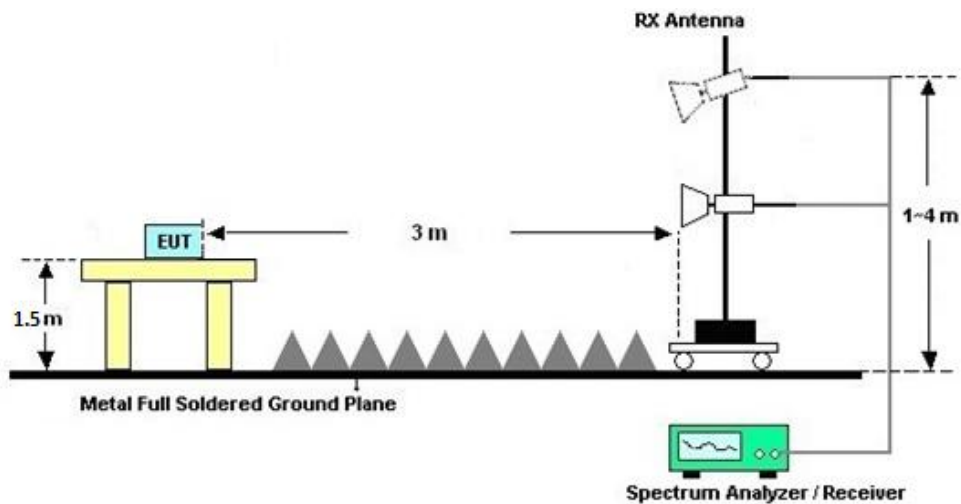
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.5.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C

3.5.7 Duty Cycle

Please refer to Appendix D.

3.5.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

The emission level above 18GHz is checked that the emission level is noise floor only, so it is not reflected in the report.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

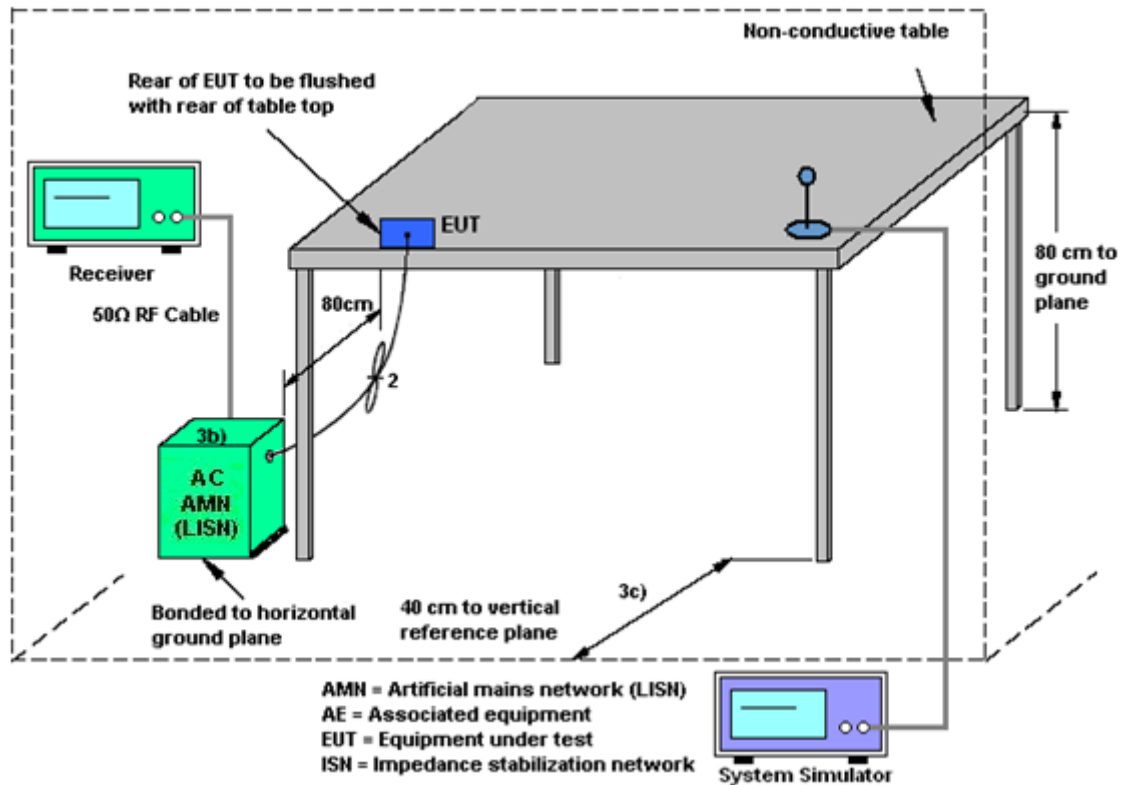
3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

§15.203: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used. The EUT complies with the requirement of 15.203.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e.,

Directional gain = $G_{ANT\ MAX}(Ant.1\ Gain, Ant.2\ Gain, \dots) + \text{Array Gain}$, as following table for Power, where Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

For PSD, the directional gain calculation is following,

Directional gain = $10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_n/20})^2 / N_{ANT}]$ dBi, as following table for PSD.

N_{ANT} = number of transmit antennas

N_{SS} = number of spatial streams. (The worst case directional gain will occur when $N_{SS} = 1$)

For completely uncorrelated transmissions, directional gain is calculated as,

Directional gain = $G_{ANT\ MAX}(Ant.1\ Gain, Ant.2\ Gain, \dots)$, as following table

<CDD Modes>				
			DG for Power (dBi)	DG for PSD (dBi)
	Ant. 9 (dBi)	Ant. 15 (dBi)		
UNII-5	-1.00	1.00	1.00	3.07
UNII-7	-2.00	-2.00	-2.00	1.01



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 06, 2023	Sep. 13, 2023~ Oct. 12, 2023	Apr. 05, 2024	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 27, 2022	Sep. 13, 2023~ Oct. 12, 2023	Dec. 26, 2023	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1542004	50MHz Bandwidth	Dec. 27, 2022	Sep. 13, 2023~ Oct. 12, 2023	Dec. 26, 2023	Conducted (TH01-SZ)
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 19, 2022	Sep. 08, 2023~ Sep. 28, 2023	Oct. 18, 2023	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY551502 13	10Hz~44GHz	Jul. 07, 2023	Sep. 08, 2023~ Sep. 28, 2023	Jul. 06, 2024	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 28, 2022	Sep. 08, 2023~ Sep. 28, 2023	Jun. 27, 2024	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	May 14, 2023	Sep. 08, 2023~ Sep. 28, 2023	May 13, 2024	Radiation (03CH04-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-147 4	1GHz~18GHz	Jul. 07, 2023	Sep. 08, 2023~ Sep. 28, 2023	Jul. 06, 2024	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 08, 2023	Sep. 08, 2023~ Sep. 28, 2023	Jul. 07, 2024	Radiation (03CH04-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 19, 2022	Sep. 08, 2023~ Sep. 28, 2023	Oct. 18, 2023	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-0010 1800-30-10P-R	1943528	1GHz~18GHz	Oct. 19, 2022	Sep. 08, 2023~ Sep. 28, 2023	Oct. 18, 2023	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 07, 2023	Sep. 08, 2023~ Sep. 28, 2023	Jul. 06, 2024	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY572801 36	500MHz~26.5G Hz	Aug. 21, 2023	Sep. 08, 2023~ Sep. 28, 2023	Aug. 20, 2024	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F11905001 9	N/A	Nov. 10, 2022	Sep. 08, 2023~ Sep. 28, 2023	Nov. 10, 2023	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Sep. 08, 2023~ Sep. 28, 2023	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Sep. 08, 2023~ Sep. 28, 2023	NCR	Radiation (03CH04-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Jul. 06, 2023	Sep. 19, 2023	Jul. 05, 2024	Conduction (CO01-SZ)
AC LISN	R&S	ENV216	100063	9kHz~30MHz	Sep. 15, 2022	Sep. 19, 2023	Sep. 14, 2023	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 17, 2022	Sep. 19, 2023	Oct. 16, 2023	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000 891	100Vac~250Vac	Jul. 07, 2023	Sep. 19, 2023	Jul. 06, 2024	Conduction (CO01-SZ)
Signal Analyzer	R&S	FSV7	101473	10Hz~7GHz	Dec. 27, 2022	Sep. 25, 2023	Dec. 26, 2023	Conducted (DFS01-SZ)
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY562004 24	9kHz~6GHz	Apr. 04, 2023	Sep. 25, 2023	Apr. 03, 2024	Conducted (DFS01-SZ)
Combiner	TOJOIN	PS-2AM-0460	SZE14011 007	0.4~6GHz	Sep. 05, 2023	Sep. 25, 2023	Sep. 04, 2024	Conducted (DFS01-SZ)

NCR: No Calibration Required



5 Measurement Uncertainty

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	± 1.34 dB
Conducted Emissions	± 1.34 dB
Occupied Channel Bandwidth	± 0.13 %
Conducted Power Spectral Density	± 1.32 dB

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	2.7 dB
--	--------

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.1 dB
--	--------

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.8 dB
--	--------

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.1 dB
--	--------

----- THE END -----



Appendix A. Conducted Test Results

A1. Conducted Test Results

Test Engineer:	Chen Ran	Temperature:	21~25	°C
Test Date:	2023/9/13~10/12	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

UNII-5 MIMO								
Mod.	Data Rate	NTx	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Bandwidth Limit (MHz)
				Ant9	Ant15	Ant9	Ant15	
11a	6Mbps	2	5955	17.58	17.68	23.88	23.70	320
11a	6Mbps	2	6175	17.38	17.38	23.64	23.52	320
11a	6Mbps	2	6415	17.33	17.48	23.70	23.64	320

TEST RESULTS DATA
26dB and 99% OBW

UNII-7 MIMO								
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Bandwidth Limit (MHz)
				Ant9	Ant15	Ant9	Ant15	
11a	6Mbps	2	6535	17.33	17.38	23.52	23.64	320
11a	6Mbps	2	6695	17.48	17.53	23.40	23.40	320
11a	6Mbps	2	6855	17.43	17.28	23.76	23.82	320

TEST RESULTS DATA
EIRP Power Table

UNII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant9	Ant15	Ant9	Ant15	SUM	Ant9	Ant15	SUM		
11a	6Mbps	2	5955	0.04	0.04	4.25	3.22	6.78	1.00		7.78	30.00	Pass
11a	6Mbps	2	6175	0.04	0.04	4.12	3.94	7.05	1.00		8.05	30.00	Pass
11a	6Mbps	2	6415	0.04	0.04	4.14	3.89	7.03	1.00		8.03	30.00	Pass

Power Setting	
Ant9	Ant15
5	
6	
5.5	

TEST RESULTS DATA
EIRP Power Table

UNII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant9	Ant15	Ant9	Ant15	SUM	Ant9	Ant15	SUM		
11a	6Mbps	2	6535	0.04	0.04	6.44	6.39	9.43	-2.00		7.43	30.00	Pass
11a	6Mbps	2	6695	0.04	0.04	6.46	5.69	9.11	-2.00		7.11	30.00	Pass
11a	6Mbps	2	6855	0.04	0.04	6.74	6.14	9.47	-2.00		7.47	30.00	Pass

Power Setting	
Ant9	Ant15
8	
8	
8.5	

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-5 MIMO											
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant9	Ant15	SUM	Ant9	Ant15	SUM		
11a	6Mbps	2	5955			-4.82	3.07		-1.76	17.00	Pass
11a	6Mbps	2	6175			-4.63	3.07		-1.56	17.00	Pass
11a	6Mbps	2	6415			-4.68	3.07		-1.61	17.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-7 MIMO												
Mod.	Data Rate	NTx	Freq. (MHz)	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail	
				Ant9	Ant15	SUM	Ant9	Ant15	SUM			
11a	6Mbps	2	6535				-2.31		1.01	-1.30	17.00	Pass
11a	6Mbps	2	6695				-2.56		1.01	-1.55	17.00	Pass
11a	6Mbps	2	6855				-2.60		1.01	-1.59	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

UNII-5 MIMO										
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Limit (MHz)	Pass /Fail
					Ant9	Ant15	Ant9	Ant15		
BE20	MCS0	2	5955	Full	19.13	19.23	23.70	23.76	320	Pass
BE20	MCS0	2	6175	Full	19.13	19.18	23.46	22.86	320	Pass
BE20	MCS0	2	6415	Full	19.23	19.18	23.46	23.52	320	Pass
BE40	MCS0	2	5965	Full	37.96	37.96	44.76	43.80	320	Pass
BE40	MCS0	2	6165	Full	38.06	38.06	44.88	43.08	320	Pass
BE40	MCS0	2	6405	Full	38.06	37.96	44.04	43.80	320	Pass
BE80	MCS0	2	5985	Full	77.80	77.80	88.32	86.88	320	Pass
BE80	MCS0	2	6145	Full	77.80	77.80	89.04	89.04	320	Pass
BE80	MCS0	2	6385	Full	77.80	77.68	89.76	88.56	320	Pass
BE160	MCS0	2	6025	Full	157.28	157.28	172.80	172.32	320	Pass
BE160	MCS0	2	6185	Full	157.52	157.52	174.72	171.84	320	Pass
BE160	MCS0	2	6345	Full	157.28	157.28	172.32	174.24	320	Pass
BE320	MCS0	2	6105	Full	315.04	315.04	335.04	341.76	320	Pass
BE320	MCS0	2	6265	Full	315.04	316.00	338.88	340.80	320	Pass

TEST RESULTS DATA
26dB and 99% OBW

UNII-7 MIMO										
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Limit (MHz)	Pass /Fail
					Ant9	Ant15	Ant9	Ant15		
BE20	MCS0	2	6535	Full	19.23	19.18	23.46	23.76	320	Pass
BE20	MCS0	2	6695	Full	19.23	19.23	23.34	23.64	320	Pass
BE20	MCS0	2	6855	Full	19.18	19.18	23.22	23.04	320	Pass
BE40	MCS0	2	6565	Full	38.06	38.06	44.64	43.92	320	Pass
BE40	MCS0	2	6685	Full	38.06	37.96	43.68	44.40	320	Pass
BE40	MCS0	2	6845	Full	38.06	38.06	44.88	43.32	320	Pass
BE80	MCS0	2	6625	Full	77.80	77.80	88.08	87.36	320	Pass
BE80	MCS0	2	6705	Full	77.92	77.80	90.72	88.08	320	Pass
BE80	MCS0	2	6785	Full	77.92	77.92	88.08	88.32	320	Pass
BE160	MCS0	2	6665	Full	157.28	157.28	172.24	173.28	320	Pass

TEST RESULTS DATA
EIRP Power Table

UNII-5 MIMO																
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
					Ant9	Ant15	Ant9	Ant15	SUM	Ant9	Ant15				SUM	Ant9
BE20	MCS0	2	5955	Full	0.00	0.00	5.00	3.68	7.40	1.00		8.40	30.00	Pass	5.5	
BE20	MCS0	2	5955	26/0	0.00	0.00	-4.56	-5.90	-2.17	1.00		-1.17	30.00	Pass	-4	
BE20	MCS0	2	5955	52/37	0.00	0.00	-1.60	-2.80	0.85	1.00		1.85	30.00	Pass	-1	
BE20	MCS0	2	5955	106/53	0.00	0.00	1.50	0.13	3.88	1.00		4.88	30.00	Pass	2	
BE20	MCS0	2	6175	Full	0.00	0.00	4.82	4.40	7.63	1.00		8.63	30.00	Pass	6.5	
BE20	MCS0	2	6415	Full	0.00	0.00	4.62	4.22	7.43	1.00		8.43	30.00	Pass	6	
BE40	MCS0	2	5965	Full	0.00	0.00	6.20	5.11	8.70	1.00		9.70	30.00	Pass	6.5	
BE40	MCS0	2	6165	Full	0.00	0.00	5.56	5.06	8.33	1.00		9.33	30.00	Pass	7	
BE40	MCS0	2	6405	Full	0.00	0.00	5.33	5.32	8.34	1.00		9.34	30.00	Pass	6.5	
BE80	MCS0	2	5985	Full	0.00	0.00	6.11	5.26	8.72	1.00		9.72	30.00	Pass	6.5	
BE80	MCS0	2	6145	Full	0.00	0.00	5.53	5.18	8.37	1.00		9.37	30.00	Pass	7	
BE80	MCS0	2	6385	Full	0.00	0.00	5.43	5.45	8.45	1.00		9.45	30.00	Pass	6.5	
BE160	MCS0	2	6025	Full	0.00	0.00	6.04	5.28	8.69	1.00		9.69	30.00	Pass	7	
BE160	MCS0	2	6185	Full	0.00	0.00	5.61	5.09	8.37	1.00		9.37	30.00	Pass	7	
BE160	MCS0	2	6345	Full	0.00	0.00	5.47	5.82	8.66	1.00		9.66	30.00	Pass	7	
BE320	MCS0	2	6105	Full	0.09	0.09	6.33	5.42	8.91	1.00		9.91	30.00	Pass	6.5	
BE320	MCS0	2	6265	Full	0.09	0.09	5.94	5.42	8.69	1.00		9.69	30.00	Pass	6	

TEST RESULTS DATA
EIRP Power Table

UNII-7 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant9	Ant15	Ant9	Ant15	SUM	Ant9	Ant15	SUM		
BE20	MCS0	2	6535	Full	0.00	0.00	6.52	6.58	9.56	-2.00		7.56	30.00	Pass
BE20	MCS0	2	6535	26/0	0.00	0.00	-4.77	-4.85	-1.80	-2.00		-3.80	30.00	Pass
BE20	MCS0	2	6535	52/37	0.00	0.00	-1.45	-1.77	1.40	-2.00		-0.60	30.00	Pass
BE20	MCS0	2	6535	106/53	0.00	0.00	1.44	1.23	4.35	-2.00		2.35	30.00	Pass
BE20	MCS0	2	6695	Full	0.00	0.00	7.10	6.20	9.68	-2.00		7.68	30.00	Pass
BE20	MCS0	2	6855	Full	0.00	0.00	7.69	6.80	10.28	-2.00		8.28	30.00	Pass
BE40	MCS0	2	6565	Full	0.00	0.00	7.20	7.38	10.30	-2.00		8.30	30.00	Pass
BE40	MCS0	2	6685	Full	0.00	0.00	7.22	7.77	10.51	-2.00		8.51	30.00	Pass
BE40	MCS0	2	6845	Full	0.00	0.00	7.73	7.23	10.50	-2.00		8.50	30.00	Pass
BE80	MCS0	2	6625	Full	0.00	0.00	7.16	7.57	10.38	-2.00		8.38	30.00	Pass
BE80	MCS0	2	6705	Full	0.00	0.00	7.97	7.36	10.69	-2.00		8.69	30.00	Pass
BE80	MCS0	2	6785	Full	0.00	0.00	7.90	7.23	10.59	-2.00		8.59	30.00	Pass
BE160	MCS0	2	6665	Full	0.00	0.00	7.21	7.65	10.45	-2.00		8.45	30.00	Pass

Power Setting	
Ant9	Ant15
8	
-3	
0	
3	
8.5	
9	
8.5	
9	
9	
8.5	
9	
8.5	
9	

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-5 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant9	Ant15	Ant9	Ant15	SUM	Ant9	Ant15	SUM		
BE20	MCS0	2	5955	Full	0.00	0.00			-4.77	3.07		-1.70	17.00	Pass
BE20	MCS0	2	5955	26/0	0.00	0.00			-4.67	3.07		-1.60	17.00	Pass
BE20	MCS0	2	5955	52/37	0.00	0.00			-4.55	3.07		-1.49	17.00	Pass
BE20	MCS0	2	5955	106/53	0.00	0.00			-4.60	3.07		-1.53	17.00	Pass
BE20	MCS0	2	6175	Full	0.00	0.00			-4.67	3.07		-1.60	17.00	Pass
BE20	MCS0	2	6415	Full	0.00	0.00			-4.82	3.07		-1.75	17.00	Pass
BE40	MCS0	2	5965	Full	0.00	0.00			-6.45	3.07		-3.39	17.00	Pass
BE40	MCS0	2	6165	Full	0.00	0.00			-7.10	3.07		-4.04	17.00	Pass
BE40	MCS0	2	6405	Full	0.00	0.00			-6.86	3.07		-3.79	17.00	Pass
BE80	MCS0	2	5985	Full	0.00	0.00			-9.45	3.07		-6.39	17.00	Pass
BE80	MCS0	2	6145	Full	0.00	0.00			-9.88	3.07		-6.81	17.00	Pass
BE80	MCS0	2	6385	Full	0.00	0.00			-9.51	3.07		-6.44	17.00	Pass
BE160	MCS0	2	6025	Full	0.00	0.00			-11.83	3.07		-8.76	17.00	Pass
BE160	MCS0	2	6185	Full	0.00	0.00			-12.14	3.07		-9.08	17.00	Pass
BE160	MCS0	2	6345	Full	0.00	0.00			-11.65	3.07		-8.58	17.00	Pass
BE320	MCS0	2	6105	Full	0.09	0.09		-15.21	3.07		-12.14	17.00	Pass	
BE320	MCS0	2	6265	Full	0.09	0.09		-15.36	3.07		-12.29	17.00	Pass	

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-7 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)		DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail	
					Ant9	Ant15	Ant9	Ant15	SUM	Ant9	Ant15			SUM
BE20	MCS0	2	6535	Full	0.00	0.00			-2.73	1.01	-1.72	17.00	Pass	
BE20	MCS0	2	6535	26/0	0.00	0.00			-4.16	1.01	-3.15	17.00	Pass	
BE20	MCS0	2	6535	52/37	0.00	0.00			-4.05	1.01	-3.04	17.00	Pass	
BE20	MCS0	2	6535	106/53	0.00	0.00			-4.14	1.01	-3.13	17.00	Pass	
BE20	MCS0	2	6695	Full	0.00	0.00			-2.58	1.01	-1.57	17.00	Pass	
BE20	MCS0	2	6855	Full	0.00	0.00			-2.40	1.01	-1.39	17.00	Pass	
BE40	MCS0	2	6565	Full	0.00	0.00			-4.99	1.01	-3.98	17.00	Pass	
BE40	MCS0	2	6685	Full	0.00	0.00			-4.63	1.01	-3.62	17.00	Pass	
BE40	MCS0	2	6845	Full	0.00	0.00			-4.70	1.01	-3.69	17.00	Pass	
BE80	MCS0	2	6625	Full	0.00	0.00			-7.76	1.01	-6.75	17.00	Pass	
BE80	MCS0	2	6705	Full	0.00	0.00			-7.42	1.01	-6.40	17.00	Pass	
BE80	MCS0	2	6785	Full	0.00	0.00			-7.47	1.01	-6.46	17.00	Pass	
BE160	MCS0	2	6665	Full	0.00	0.00			-9.78	1.01	-8.77	17.00	Pass	



<11be Small RU & Large RU & Puncturing mode>:

Ambient Condition: 24~26 °C, 45~55 %RH

Test Date: 2023/9/15

Test Engineer: Sam Zheng

Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	MRU Size	MRU Index	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11BE20 MIMO	Ant9	5955	52+26_OFDMA	1	-0.5	-1.12	100	0	-1.12	≤25	-1	-2.12	≤30.00	PASS
			106+26_OFDMA	1	3	1.9	100	0	1.9	≤25	-1	0.9	≤30.00	PASS
	Ant15	5955	52+26_OFDMA	1	-0.5	-2.95	100	0	-2.95	≤23	1	-1.95	≤30.00	PASS
			106+26_OFDMA	1	3	0.41	100	0	0.41	≤23	1	1.41	≤30.00	PASS
	total	5955	52+26_OFDMA	1	---	---	---	---	1.07	≤23	1	2.07	≤30.00	PASS
			106+26_OFDMA	1	---	---	---	---	4.23	≤23	1	5.23	≤30.00	PASS
	Ant9	6535	52+26_OFDMA	1	0	-1.46	100	0	-1.46	≤26	-2	-3.46	≤30.00	PASS
			106+26_OFDMA	1	3	1.52	100	0	1.52	≤26	-2	-0.48	≤30.00	PASS
	Ant15	6535	52+26_OFDMA	1	0	-1.91	100	0	-1.91	≤26	-2	-3.91	≤30.00	PASS
			106+26_OFDMA	1	3	1.09	100	0	1.09	≤26	-2	-0.91	≤30.00	PASS
	total	6535	52+26_OFDMA	1	---	---	---	---	1.33	≤26	-2	-0.67	≤30.00	PASS
			106+26_OFDMA	1	---	---	---	---	4.32	≤26	-2	2.32	≤30.00	PASS
11BE80 MIMO	Ant9	5985	Large RU 484+242	4	4.5	4.97	100	0	4.97	≤25	-1	3.97	≤30.00	PASS
			Puncturing 20M	4	4.5	4.35	100	0	4.35	≤25	-1	3.35	≤30.00	PASS
	Ant15	5985	Large RU 484+242	4	4.5	3.94	100	0	3.94	≤23	1	4.94	≤30.00	PASS
			Puncturing 20M	4	4.5	3.2	100	0	3.2	≤23	1	4.2	≤30.00	PASS
	total	5985	Large RU 484+242	4	---	---	---	---	7.50	≤23	1	8.50	≤30.00	PASS
			Puncturing 20M	4	---	---	---	---	6.82	≤23	1	7.82	≤30.00	PASS
11BE160 MIMO	Ant9	6025	Large RU 996+484	4	5.5	6.33	100	0	6.33	≤25	-1	5.33	≤30.00	PASS
			Puncturing 40M	4	6.5	6.43	100	0	6.43	≤25	-1	5.43	≤30.00	PASS
			Puncturing 20M	8	6.5	6.36	100	0	6.36	≤25	-1	5.36	≤30.00	PASS
	Ant15	6025	Large RU 996+484	4	5.5	5.12	100	0	5.12	≤23	1	6.12	≤30.00	PASS
			Puncturing 40M	4	6.5	5.05	100	0	5.05	≤23	1	6.05	≤30.00	PASS
			Puncturing 20M	8	6.5	5.06	100	0	5.06	≤23	1	6.06	≤30.00	PASS
	total	6025	Large RU 996+484	4	---	---	---	---	8.78	≤23	1	9.78	≤30.00	PASS
			Puncturing 40M	4	---	---	---	---	8.80	≤23	1	9.80	≤30.00	PASS
			Puncturing 20M	8	---	---	---	---	8.77	≤23	1	9.77	≤30.00	PASS



Test Mode	Antenna	Channel	MRU Size	MRU Index	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11BE320 MIMO	Ant9	6105	Large RU 996*2+484	6	5	6.55	98.04	0.09	6.64	≤25	-1	5.64	≤30.00	PASS
			Large RU 996*3	4	5.5	6.11	98.04	0.09	6.20	≤25	-1	5.20	≤30.00	PASS
			Large RU 996*3+484	8	6.5	6.53	98.04	0.09	6.62	≤25	-1	5.62	≤30.00	PASS
			Puncturing 80M+40M	6	6.5	6.39	98.04	0.09	6.48	≤25	-1	5.48	≤30.00	PASS
			Puncturing 80M	4	6.5	6.22	98.04	0.09	6.31	≤25	-1	5.31	≤30.00	PASS
			Puncturing 40M	8	6.5	6.27	98.04	0.09	6.36	≤25	-1	5.36	≤30.00	PASS
	Ant15	6105	Large RU 996*2+484	6	5	5.39	98.04	0.09	5.48	≤23	1	6.48	≤30.00	PASS
			Large RU 996*3	4	5.5	5.07	98.04	0.09	5.16	≤23	1	6.16	≤30.00	PASS
			Large RU 996*3+484	8	6.5	5.24	98.04	0.09	5.33	≤23	1	6.33	≤30.00	PASS
			Puncturing 80M+40M	6	6.5	5.04	98.04	0.09	5.13	≤23	1	6.13	≤30.00	PASS
			Puncturing 80M	4	6.5	5.02	98.04	0.09	5.11	≤23	1	6.11	≤30.00	PASS
			Puncturing 40M	8	6.5	5.05	98.04	0.09	5.14	≤23	1	6.14	≤30.00	PASS
	total	6105	Large RU 996*2+484	6	---	---	---	---	9.11	≤23	1	10.11	≤30.00	PASS
			Large RU 996*3	4	---	---	---	---	8.72	≤23	1	9.72	≤30.00	PASS
			Large RU 996*3+484	8	---	---	---	---	9.03	≤23	1	10.03	≤30.00	PASS
			Puncturing 80M+40M	6	---	---	---	---	8.87	≤23	1	9.87	≤30.00	PASS
			Puncturing 80M	4	---	---	---	---	8.76	≤23	1	9.76	≤30.00	PASS
			Puncturing 40M	8	---	---	---	---	8.80	≤23	1	9.80	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.



Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	MRU Size	MRU Index	Result [dBm/MHz]	Limit [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11BE20 MIMO	Ant9	5955	52+26_OFDMA	1	-6.84	≤0	-1	-7.84	≤17.00	PASS
			106+26_OFDMA	1	-6.018	≤0	-1	-7.018	≤17.00	PASS
	Ant15	5955	52+26_OFDMA	1	-8.829	≤-2	1	-7.829	≤17.00	PASS
			106+26_OFDMA	1	-8.263	≤-2	1	-7.263	≤17.00	PASS
	total	5955	52+26_OFDMA	1	-4.74	≤-2	1	-3.74	≤17.00	PASS
			106+26_OFDMA	1	-4.023	≤-2	1	-3.023	≤17.00	PASS
	Ant9	6535	52+26_OFDMA	1	-8.849	≤1	-2	-10.849	≤17.00	PASS
			106+26_OFDMA	1	-8.029	≤1	-2	-10.029	≤17.00	PASS
	Ant15	6535	52+26_OFDMA	1	-9.321	≤1	-2	-11.321	≤17.00	PASS
			106+26_OFDMA	1	-8.36	≤1	-2	-10.36	≤17.00	PASS
11BE80 MIMO	Ant9	5985	Large RU 484+242	4	-10.178	≤0	-1	-11.178	≤17.00	PASS
			Puncturing 20M	4	-10.28	≤0	-1	-11.28	≤17.00	PASS
	Ant15	5985	Large RU 484+242	4	-11.645	≤-2	1	-10.645	≤17.00	PASS
			Puncturing 20M	4	-11.989	≤-2	1	-10.989	≤17.00	PASS
	total	5985	Large RU 484+242	4	-7.915	≤-2	1	-6.915	≤17.00	PASS
			Puncturing 20M	4	-8.097	≤-2	1	-7.097	≤17.00	PASS
11BE160 MIMO	Ant9	6025	Large RU 996+484	4	-13.219	≤0	-1	-14.219	≤17.00	PASS
			Puncturing 40M	4	-13.015	≤0	-1	-14.015	≤17.00	PASS
			Puncturing 20M	8	-13.688	≤0	-1	-14.688	≤17.00	PASS
	Ant15	6025	Large RU 996+484	4	-14.249	≤-2	1	-13.249	≤17.00	PASS
			Puncturing 40M	4	-14.499	≤-2	1	-13.499	≤17.00	PASS
			Puncturing 20M	8	-15.033	≤-2	1	-14.033	≤17.00	PASS
	total	6025	Large RU 996+484	4	-10.72	≤-2	1	-9.72	≤17.00	PASS
			Puncturing 40M	4	-10.697	≤-2	1	-9.697	≤17.00	PASS
			Puncturing 20M	8	-11.348	≤-2	1	-10.348	≤17.00	PASS

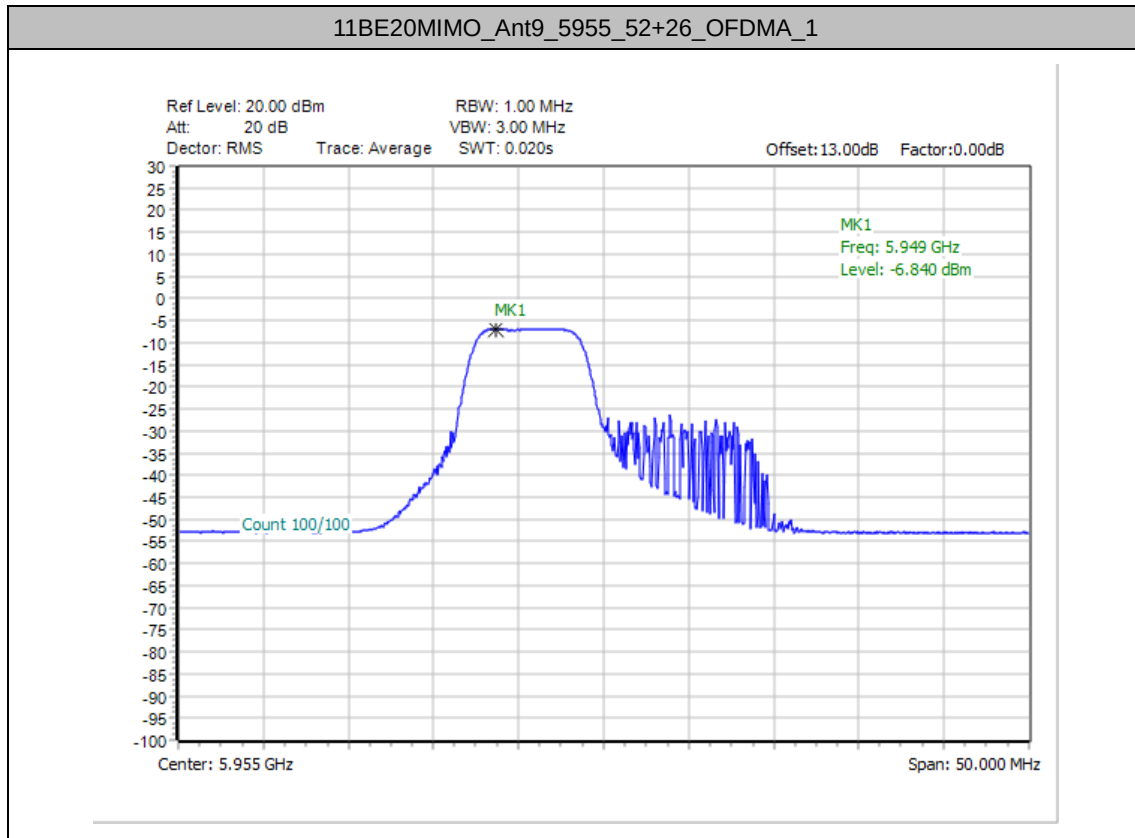


Test Mode	Antenna	Channel	MRU Size	MRU Index	Result [dBm/MHz]	Limit [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11BE320 MIMO	Ant9	6105	Large RU 996*2+484	6	-15.595	≤0	-1	-16.595	≤17.00	PASS
			Large RU 996*3	4	-16.902	≤0	-1	-17.902	≤17.00	PASS
			Large RU 996*3+484	8	-17.009	≤0	-1	-18.009	≤17.00	PASS
			Puncturing 80M+40M	6	-15.862	≤0	-1	-16.862	≤17.00	PASS
			Puncturing 80M	4	-16.871	≤0	-1	-17.871	≤17.00	PASS
			Puncturing 40M	8	-17.321	≤0	-1	-18.321	≤17.00	PASS
	Ant15	6105	Large RU 996*2+484	6	-16.922	≤-2	1	-15.922	≤17.00	PASS
			Large RU 996*3	4	-18.004	≤-2	1	-17.004	≤17.00	PASS
			Large RU 996*3+484	8	-18.159	≤-2	1	-17.159	≤17.00	PASS
			Puncturing 80M+40M	6	-17.281	≤-2	1	-16.281	≤17.00	PASS
			Puncturing 80M	4	-18.177	≤-2	1	-17.177	≤17.00	PASS
			Puncturing 40M	8	-18.781	≤-2	1	-17.781	≤17.00	PASS
	total	6105	Large RU 996*2+484	6	-13.208	≤-2	1	-12.208	≤17.00	PASS
			Large RU 996*3	4	-14.457	≤-2	1	-13.457	≤17.00	PASS
			Large RU 996*3+484	8	-14.59	≤-2	1	-13.59	≤17.00	PASS
			Puncturing 80M+40M	6	-13.531	≤-2	1	-12.531	≤17.00	PASS
			Puncturing 80M	4	-14.485	≤-2	1	-13.485	≤17.00	PASS
			Puncturing 40M	8	-15.021	≤-2	1	-14.021	≤17.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

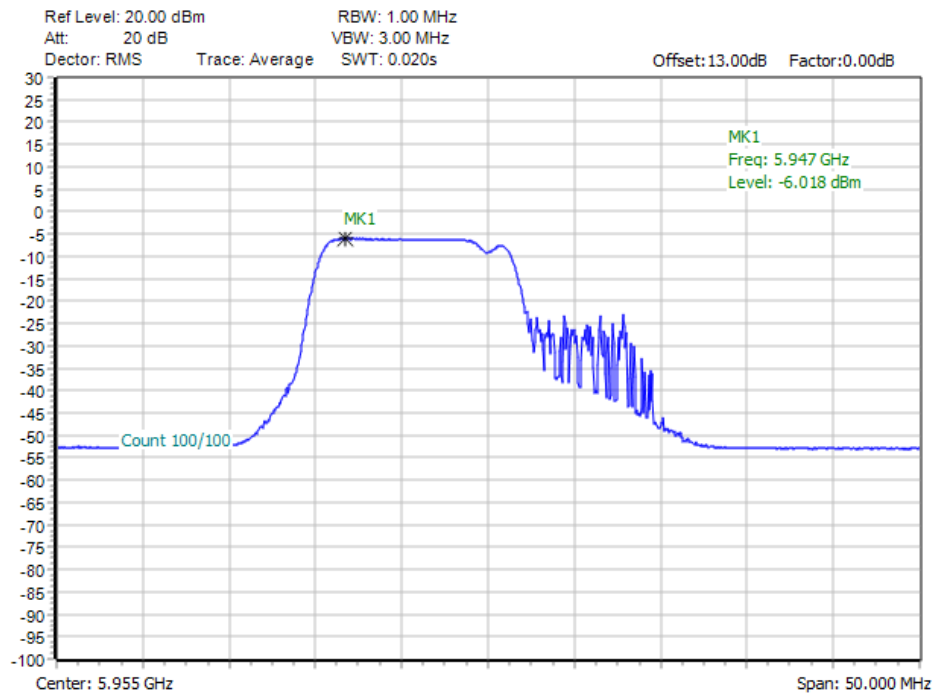


Test Graphs

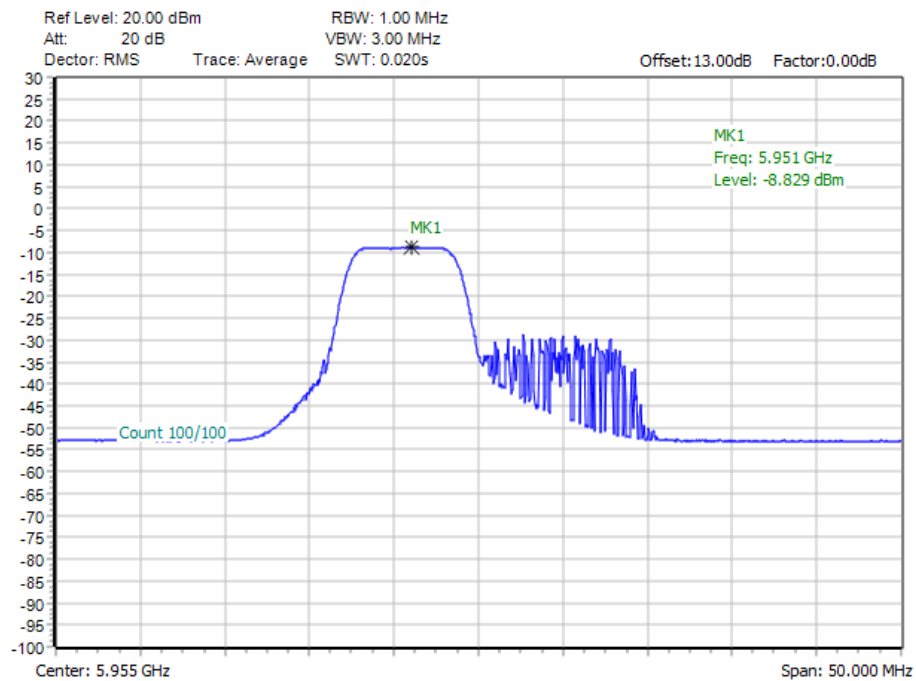




11BE20MIMO_Ant9_5955_106+26_OFDMA_1

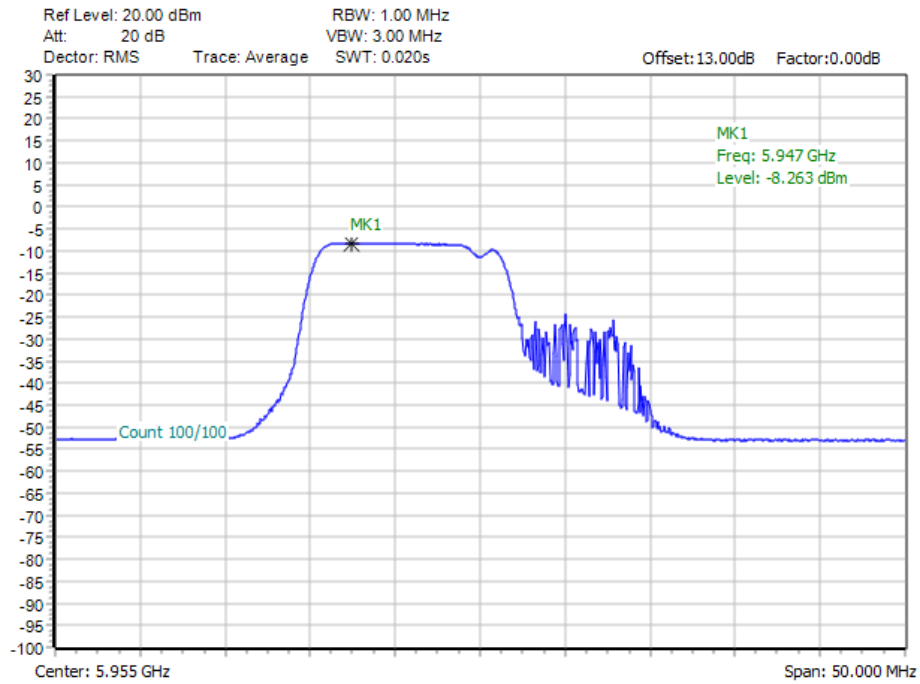


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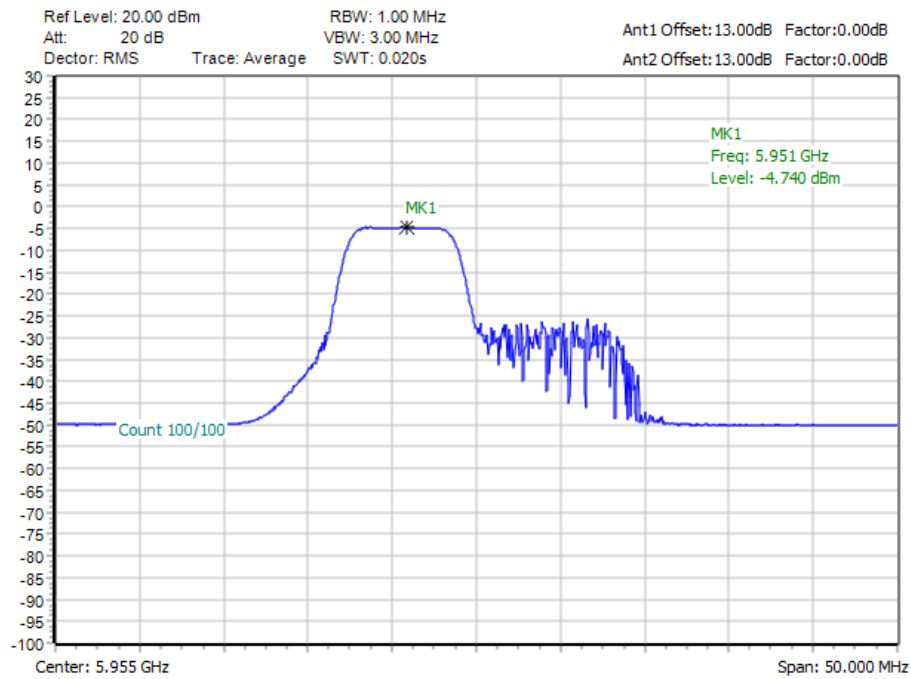




11BE20MIMO_Ant15_5955_106+26_OFDMA_1

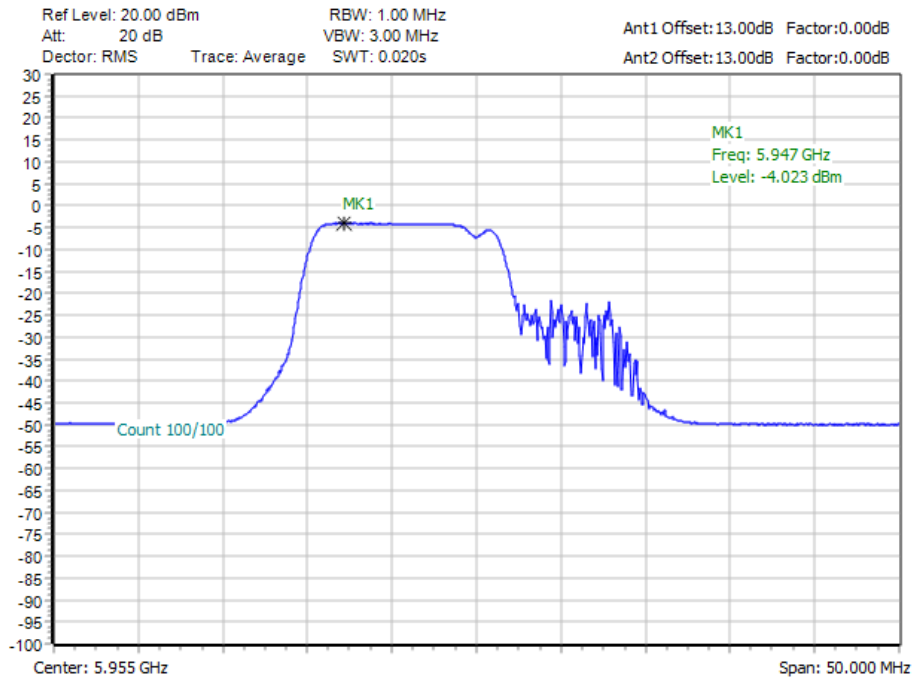


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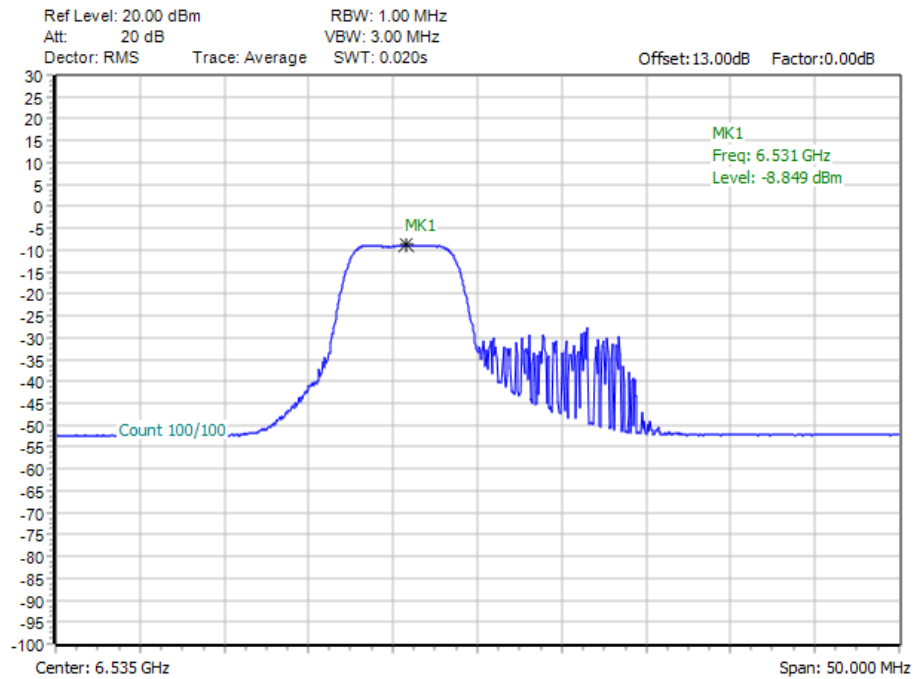




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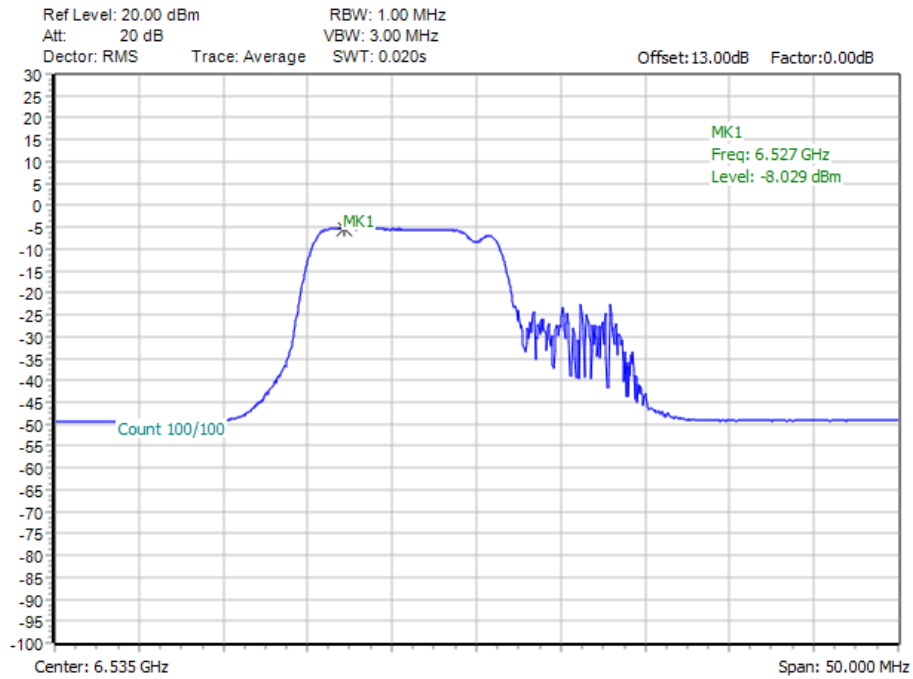


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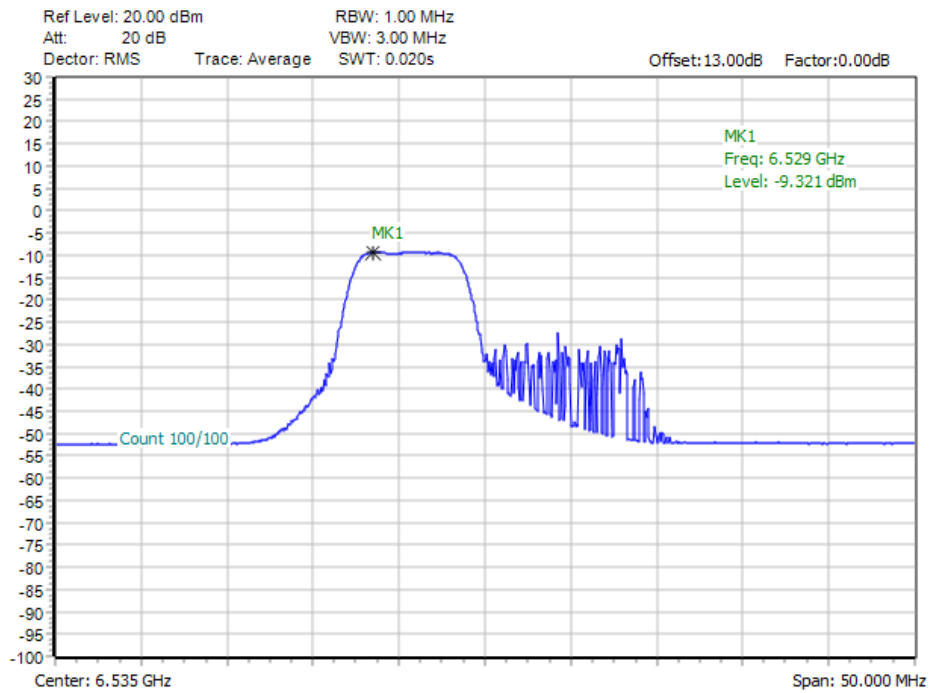




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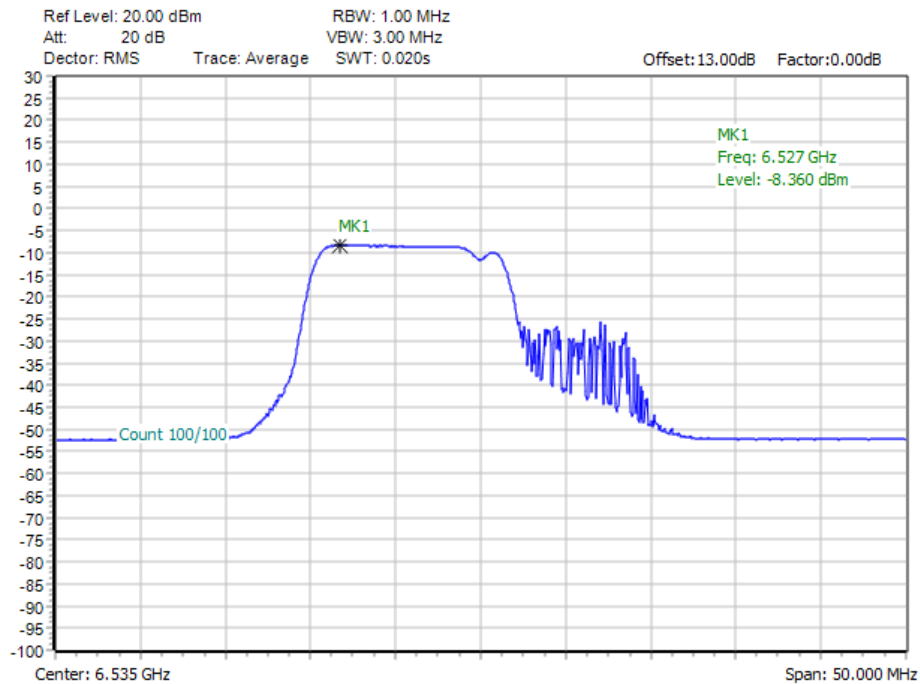


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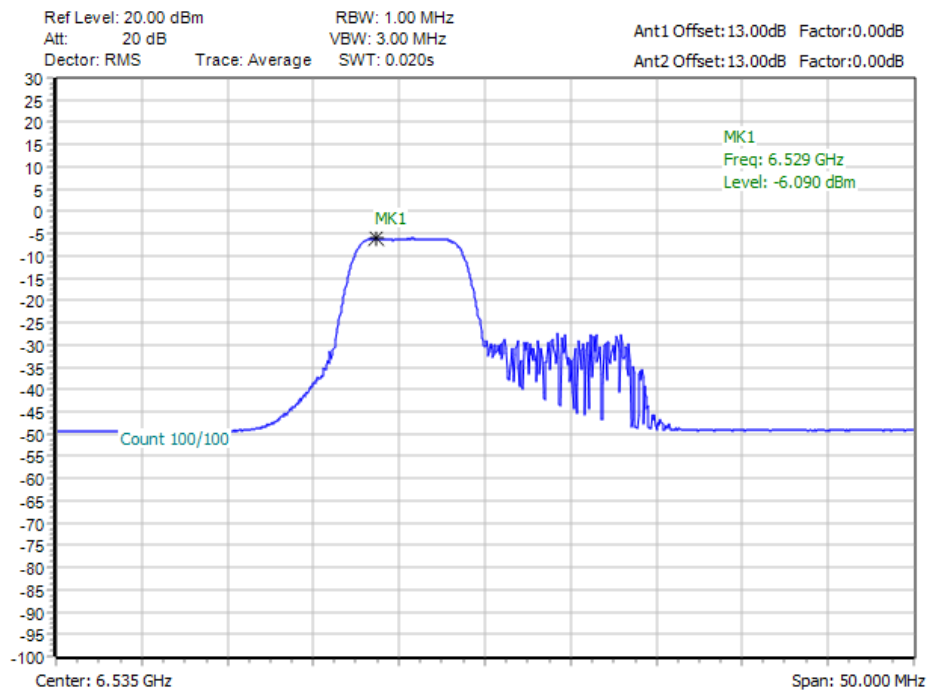




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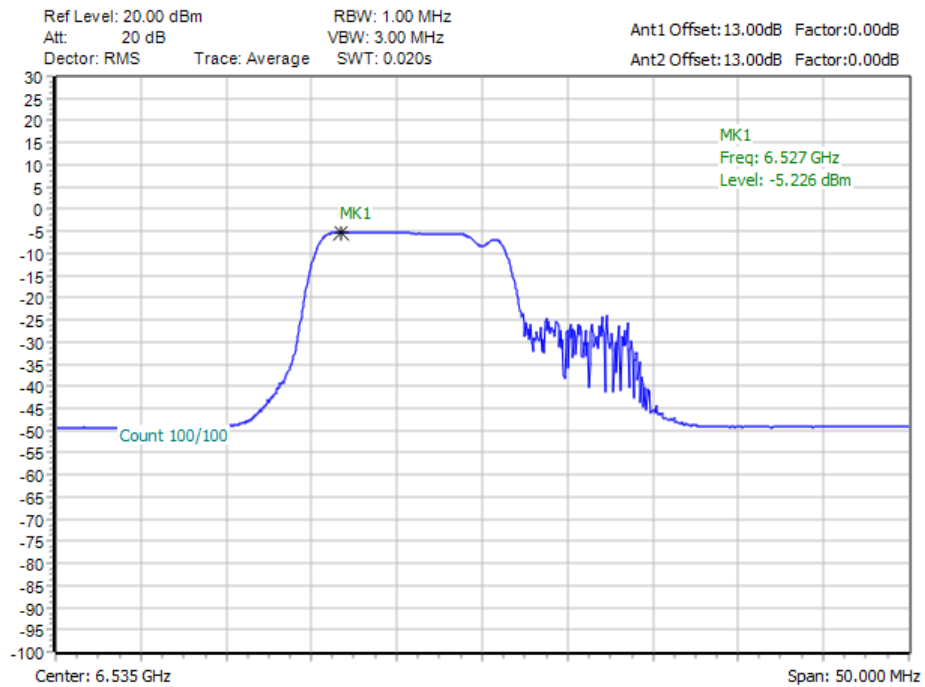


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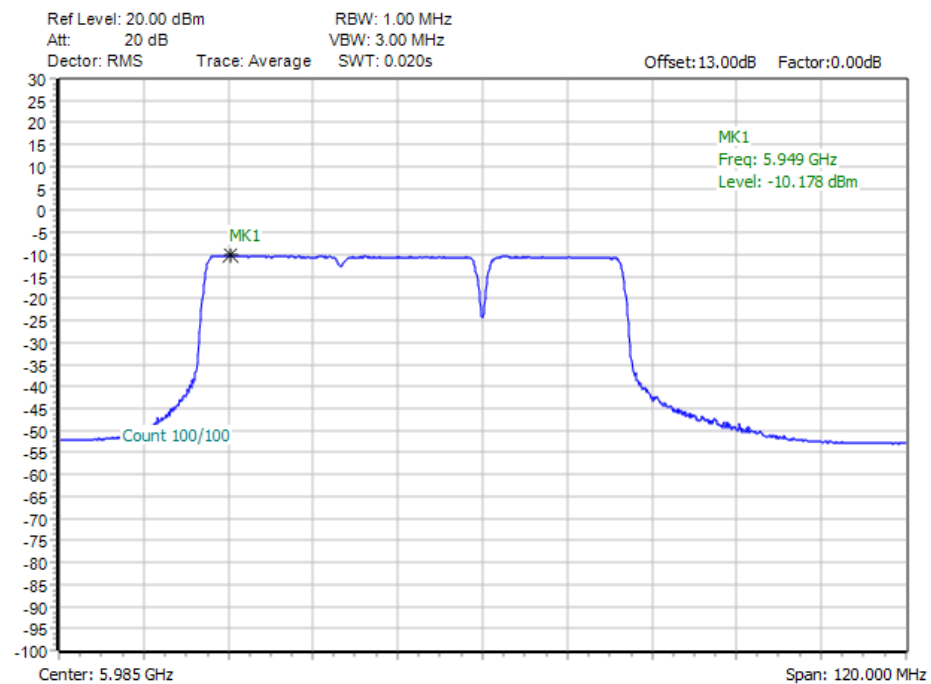




11BE20MIMO_total_6535_106+26_OFDMA_1

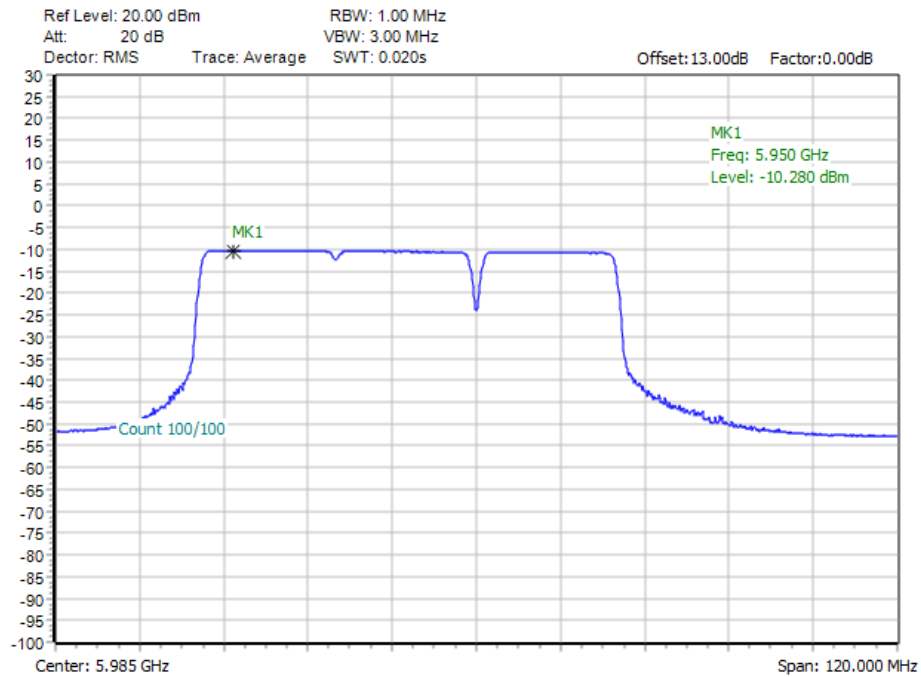


11BE80MIMO_Ant9_5985_Large RU 484+242_4

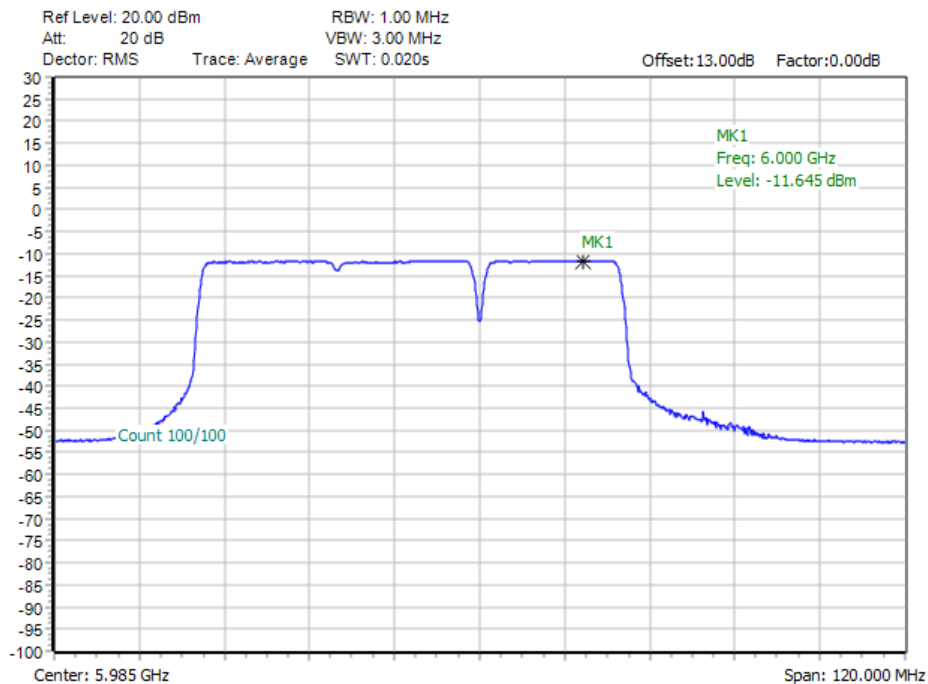




11BE80MIMO_Ant9_5985_Puncturing 20M_4

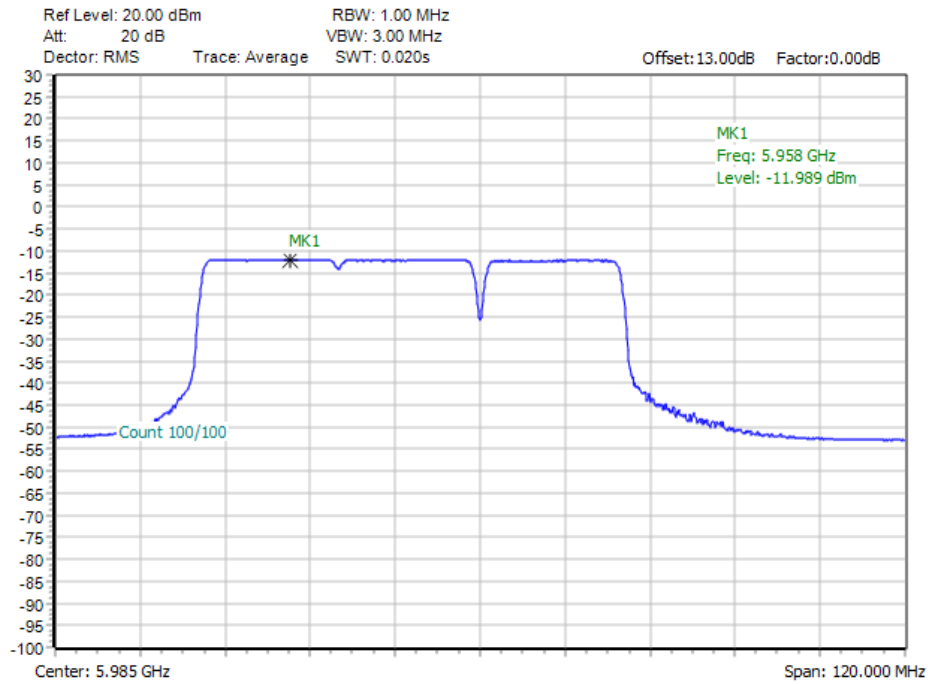


11BE80MIMO_Ant15_5985_Large RU 484+242_4

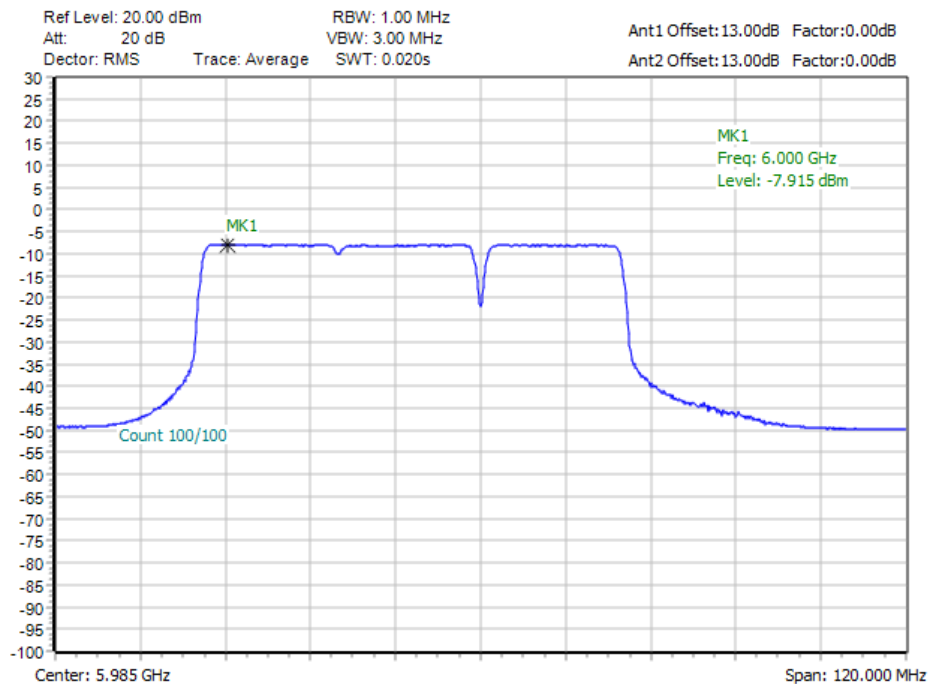




11BE80MIMO_Ant15_5985_Puncturing 20M_4

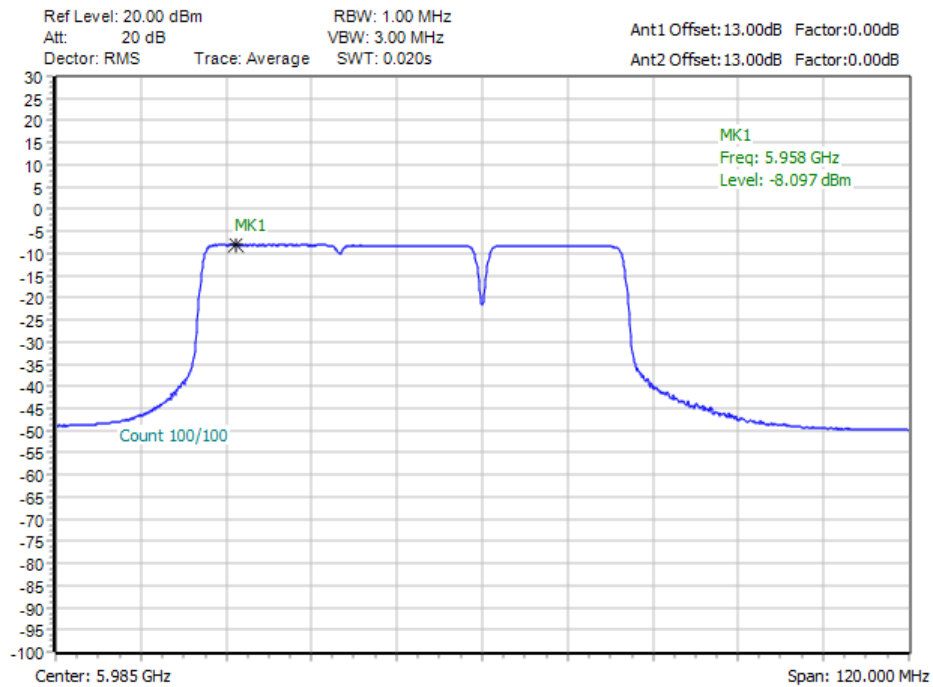


11BE80MIMO_total_5985_Large RU 484+242_4

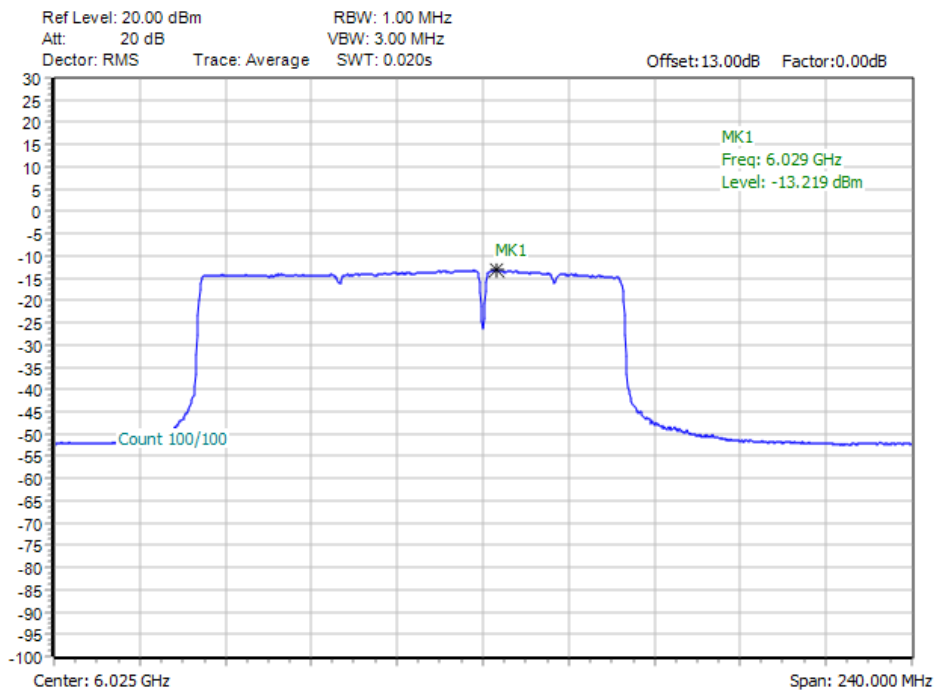




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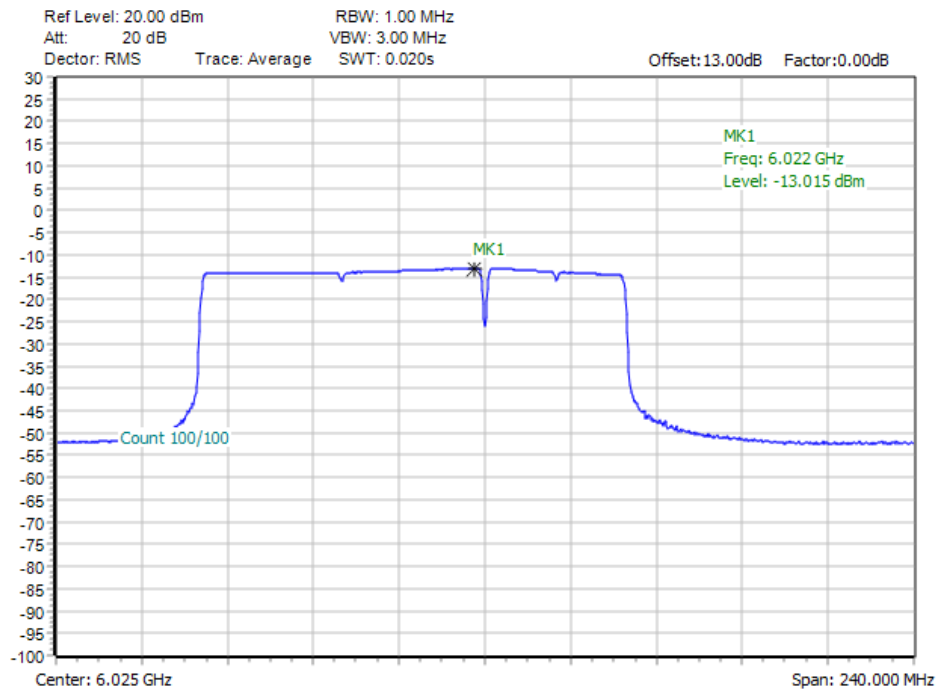


11BE160MIMO_Ant9_6025_Large RU 996+484_4

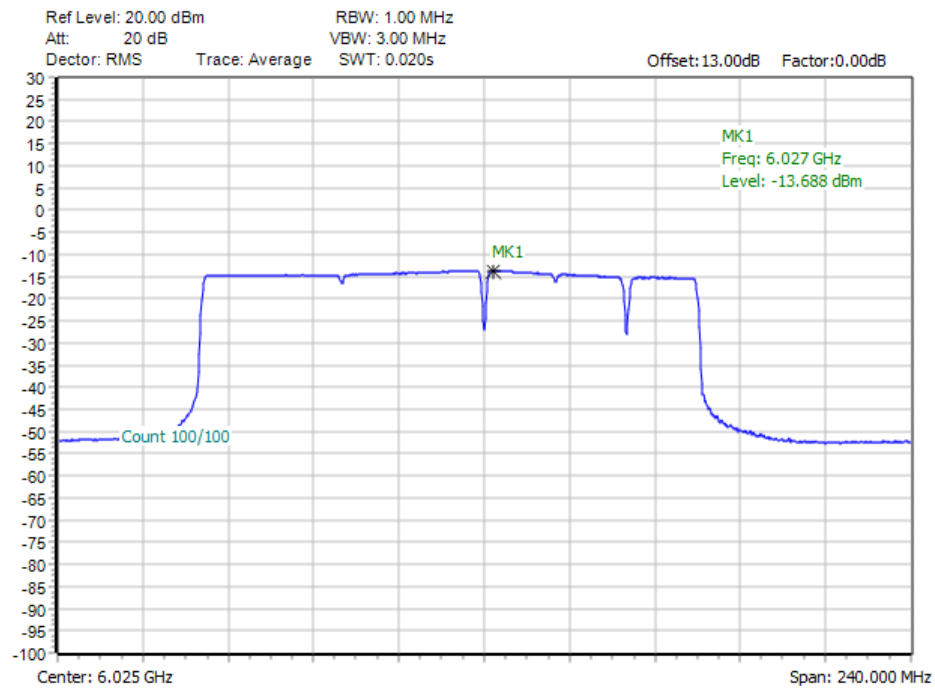




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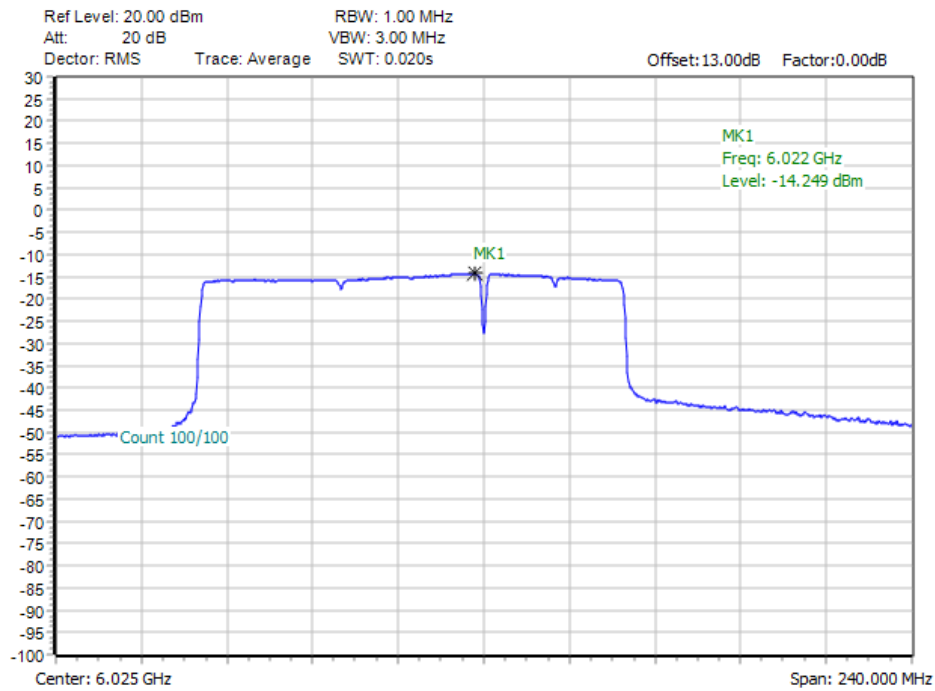


11BE160MIMO_Ant9_6025_Puncturing 20M_8

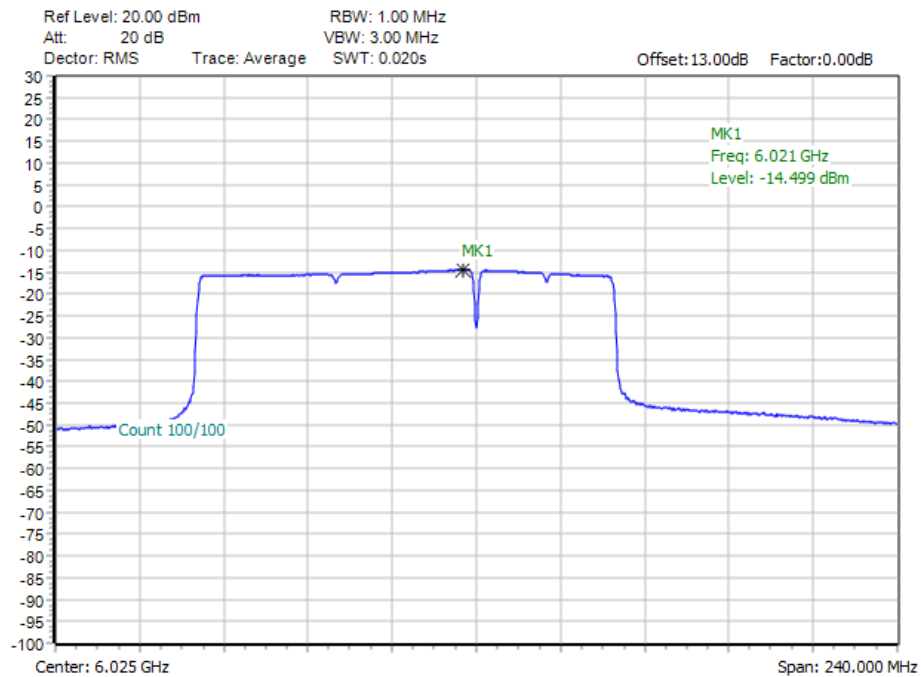




11BE160MIMO_Ant15_6025_Large RU 996+484_4

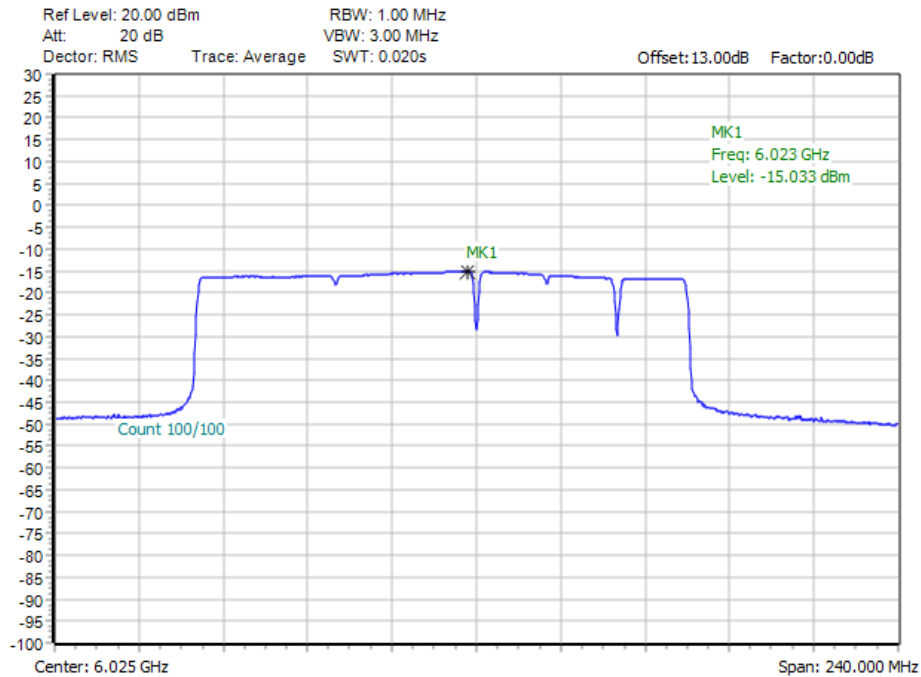


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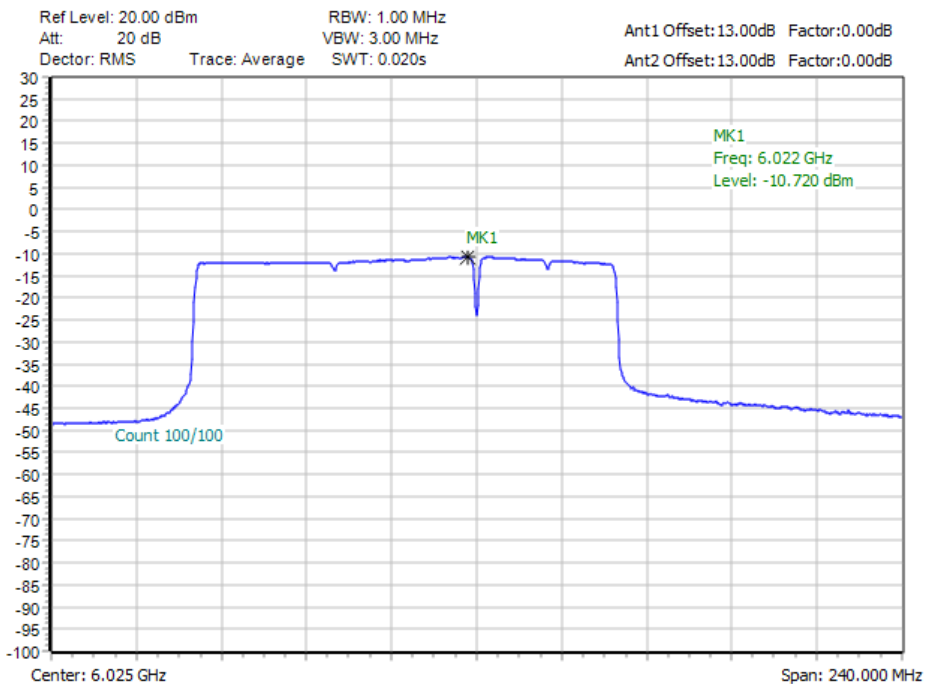




11BE160MIMO_Ant15_6025_Puncturing 20M_8

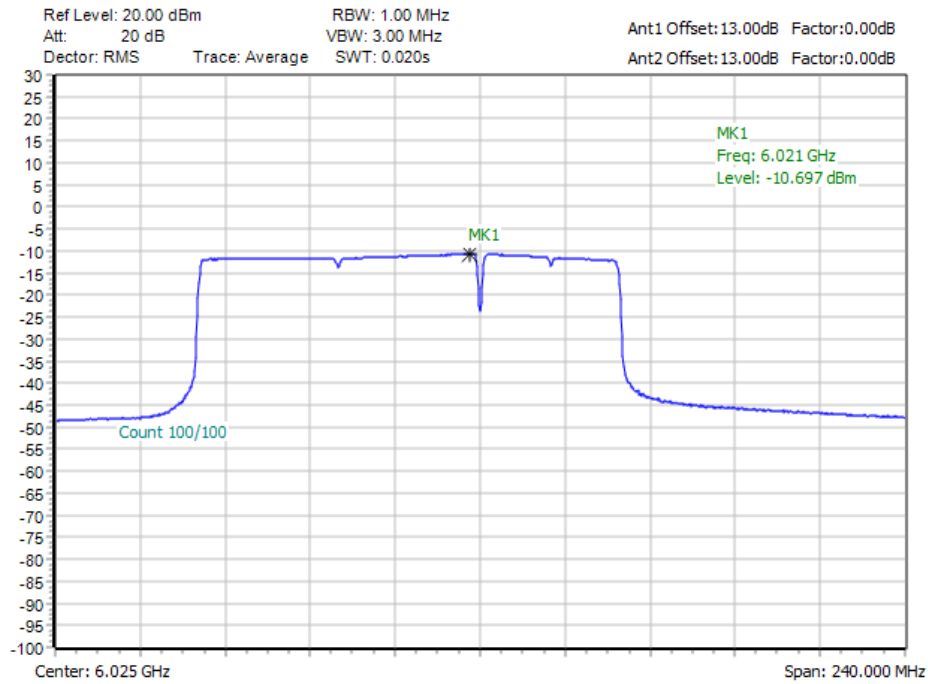


11BE160MIMO_total 6025_Large RU 996+484_4

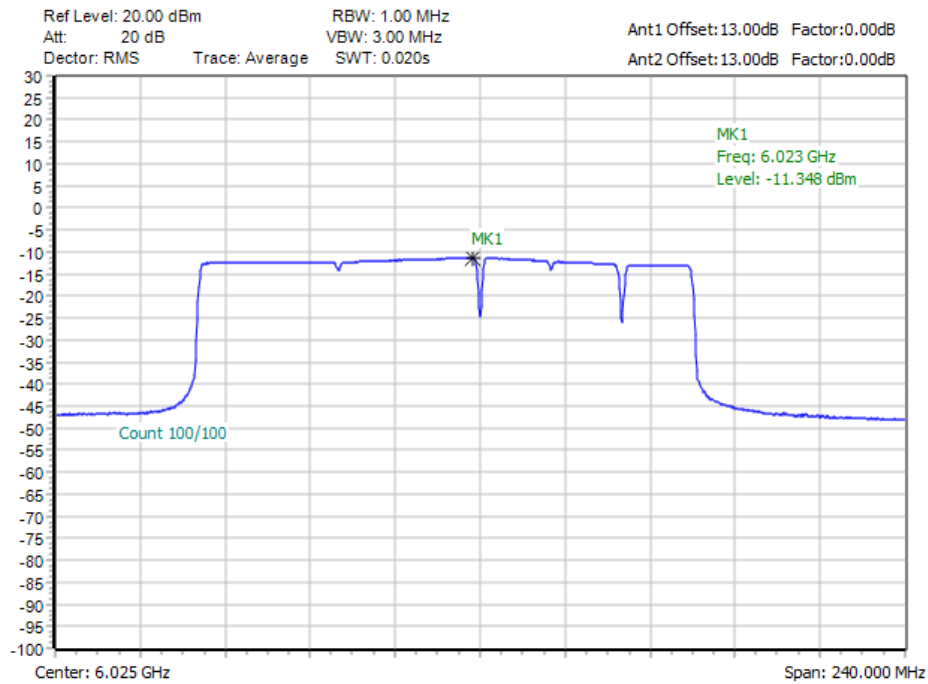




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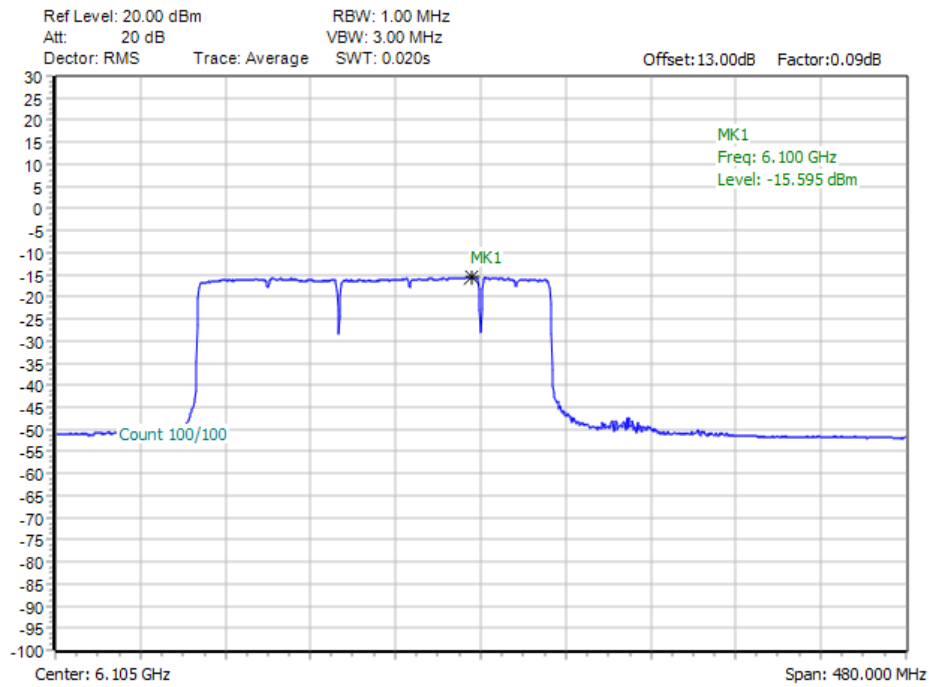


11BE160MIMO_total_6025_Puncturing 20M_8

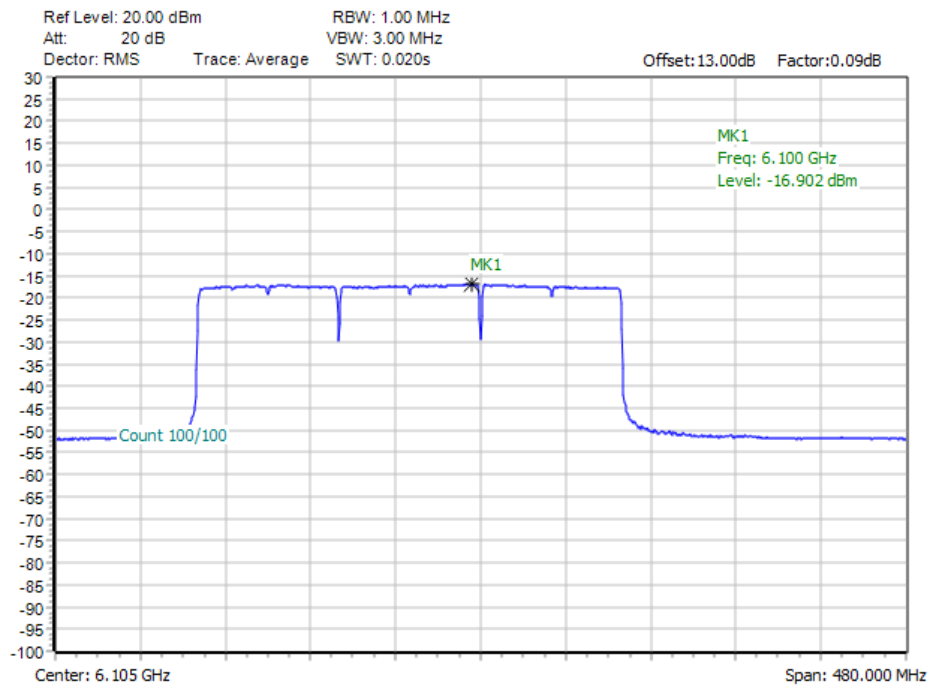




11BE320MIMO_Ant9_6105_Large RU 996*2+484_6

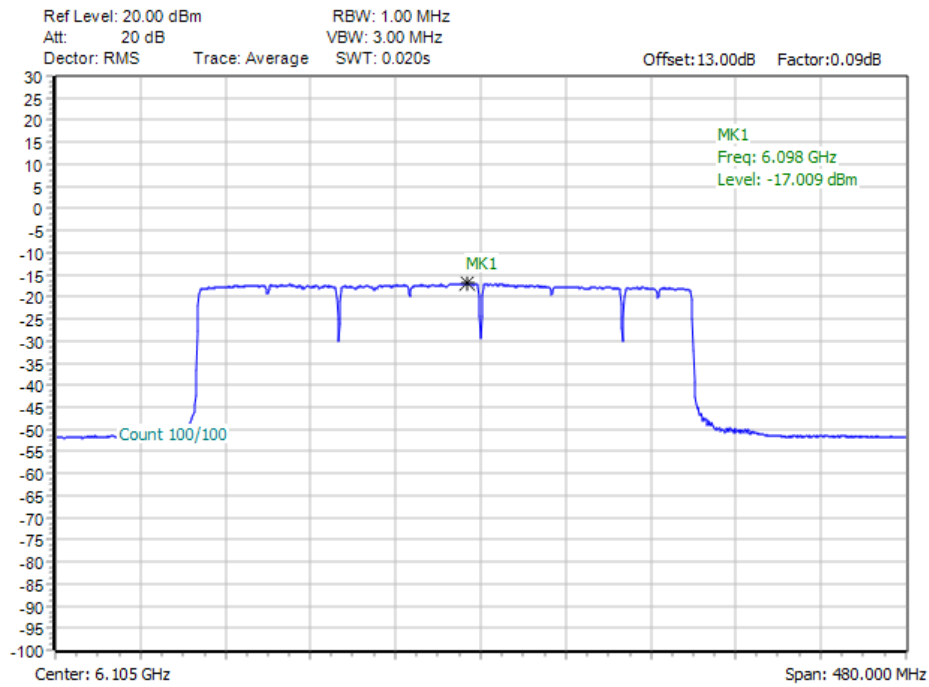


11BE320MIMO_Ant9_6105_Large RU 996*3_4

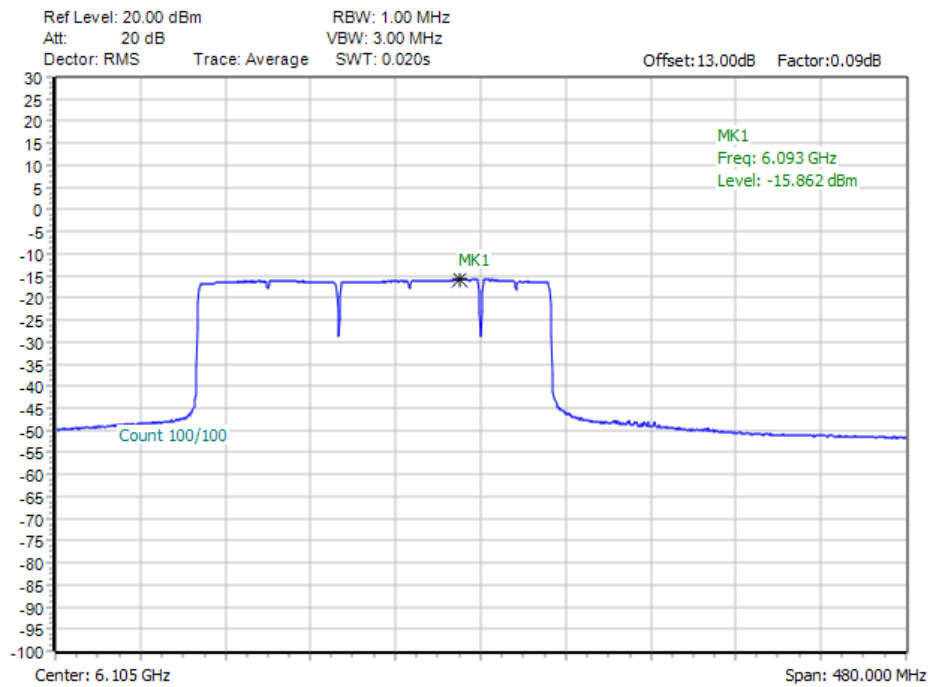




11BE320MIMO_Ant9_6105_Large RU 996*3+484_8



11BE320MIMO_Ant9_6105_Puncturing 80M+40M_6

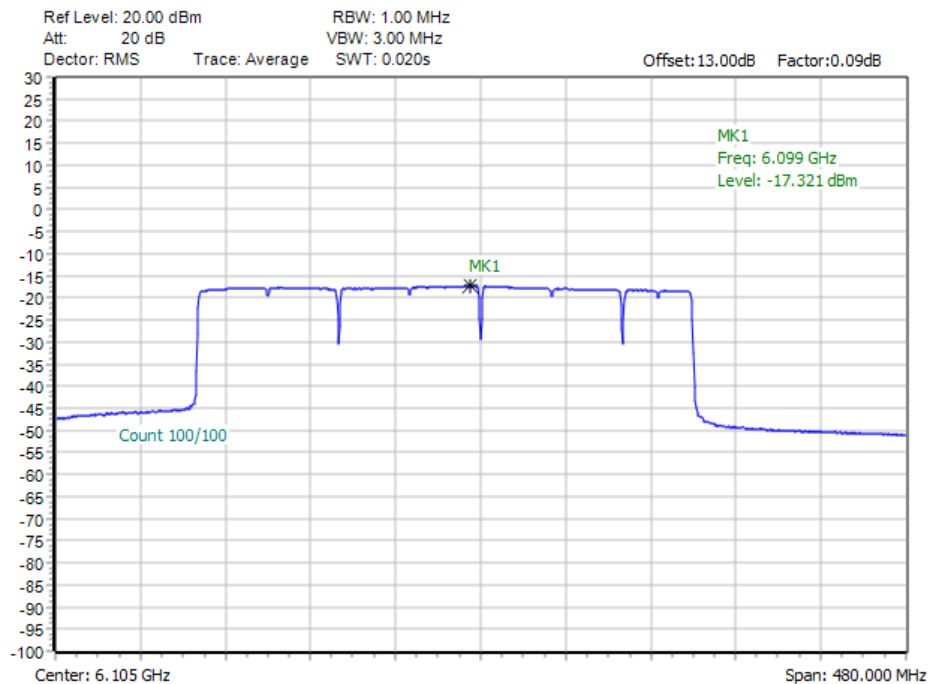




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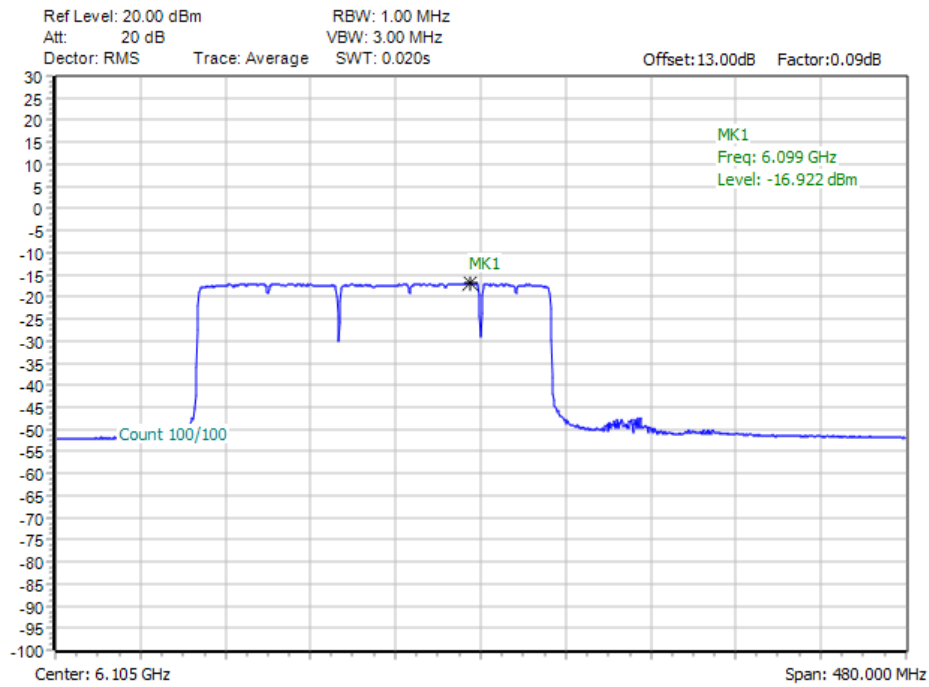


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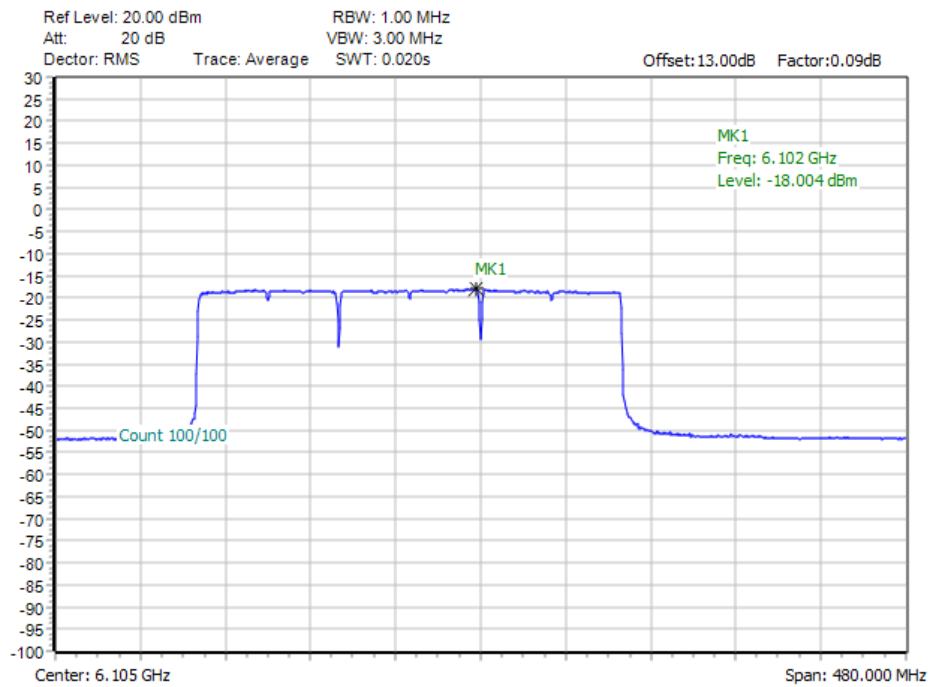




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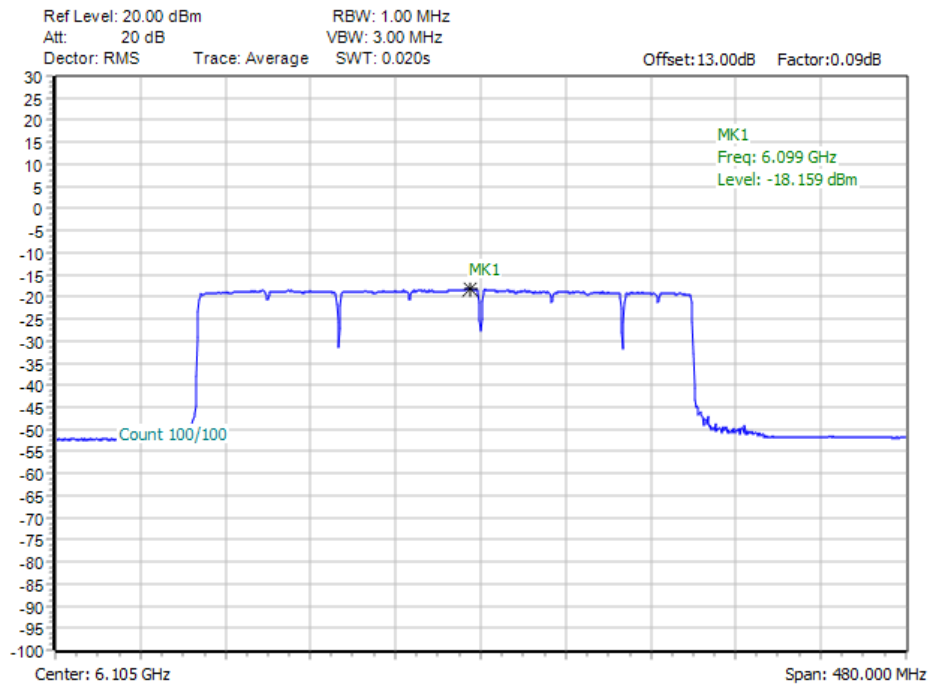


11BE320MIMO_Ant15_6105_Large RU 996*3_4

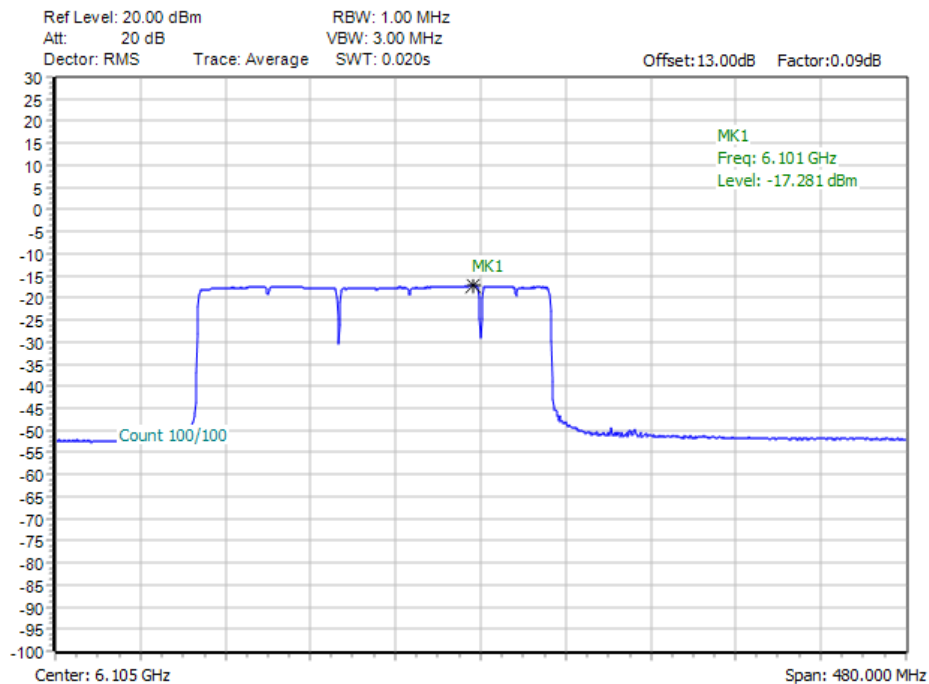




11BE320MIMO_Ant15_6105_Large RU 996*3+484_8

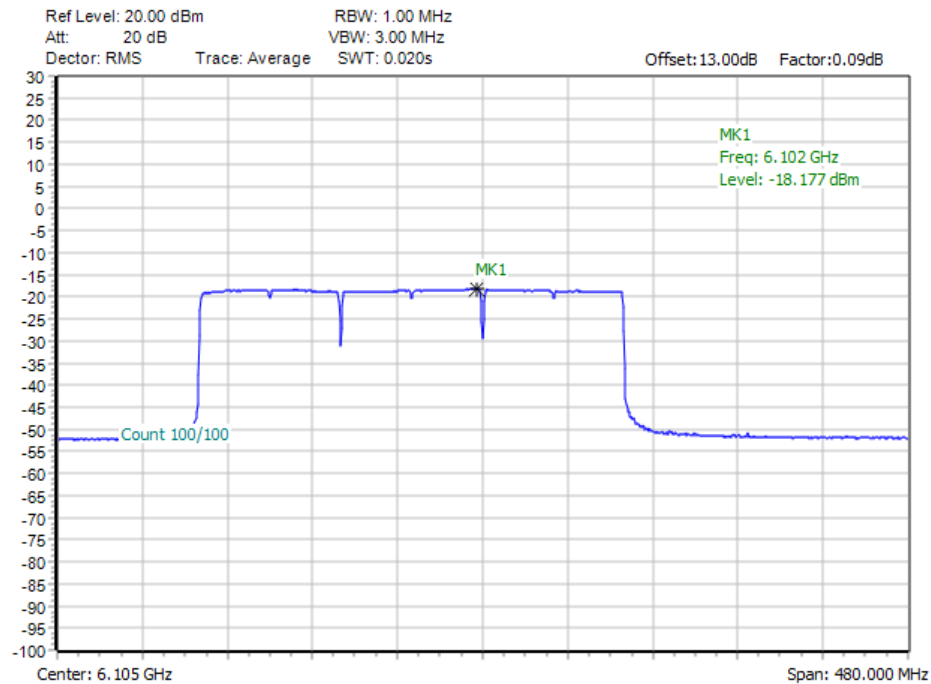


11BE320MIMO_Ant15_6105_Puncturing 80M+40M_6

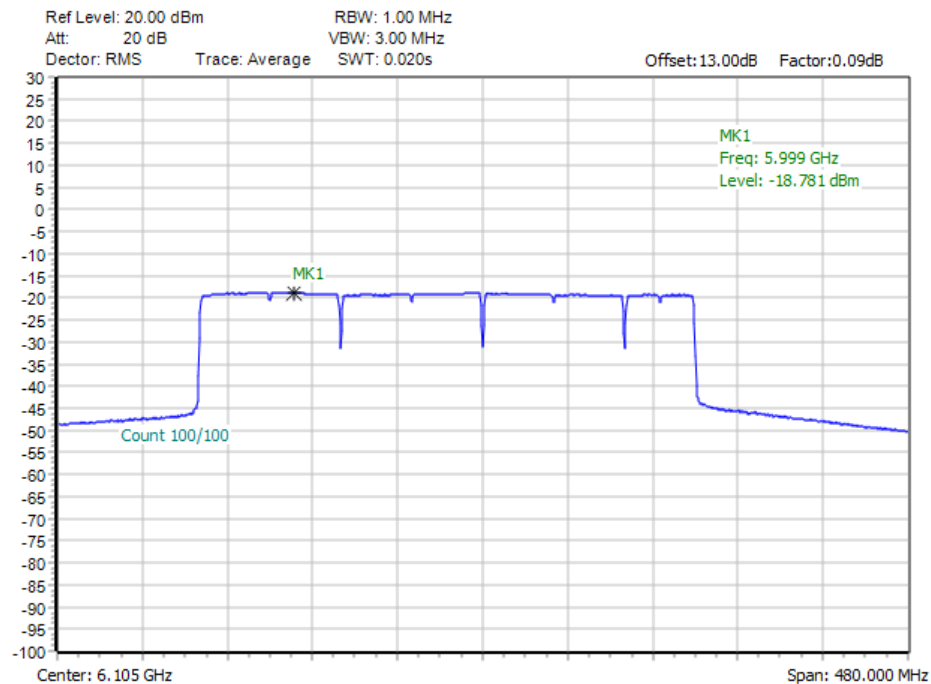




11BE320MIMO_Ant15_6105_Puncturing 80M_4

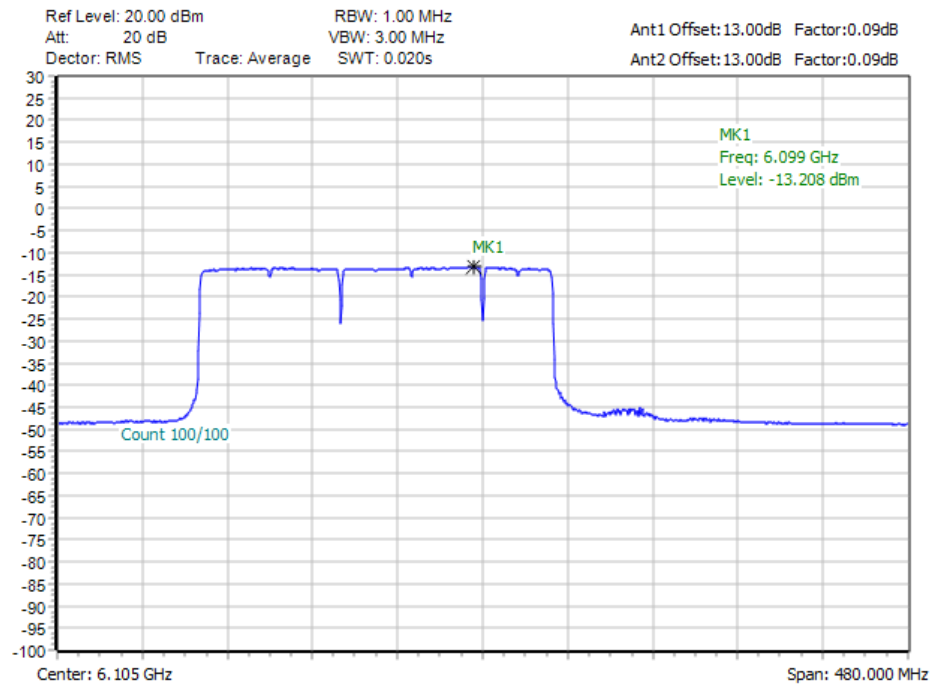


11BE320MIMO_Ant15_6105_Puncturing 40M_8

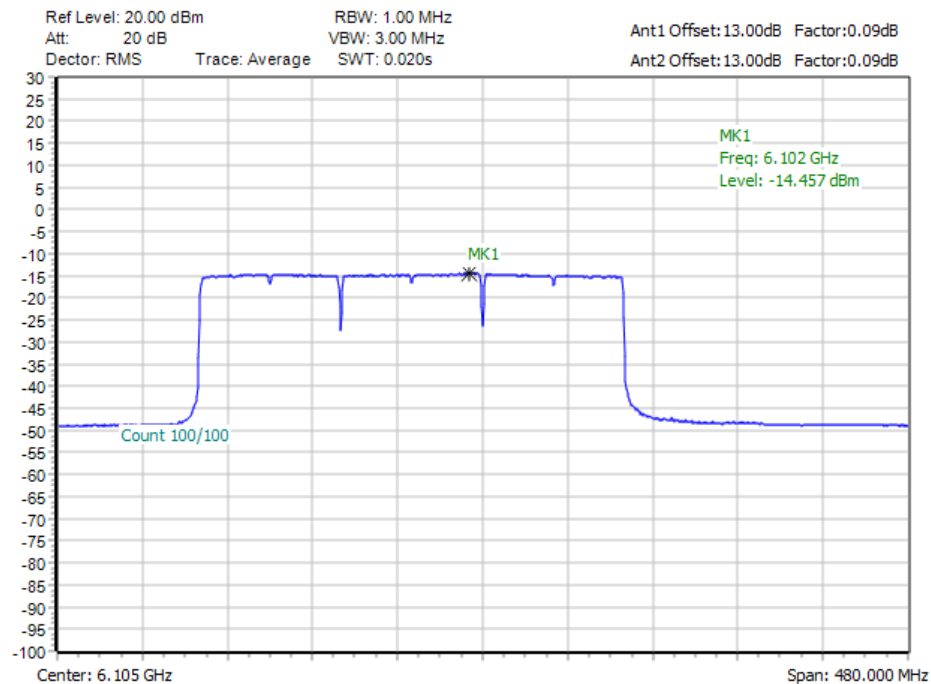




11BE320MIMO_total_6105_Large RU 996*2+484_6

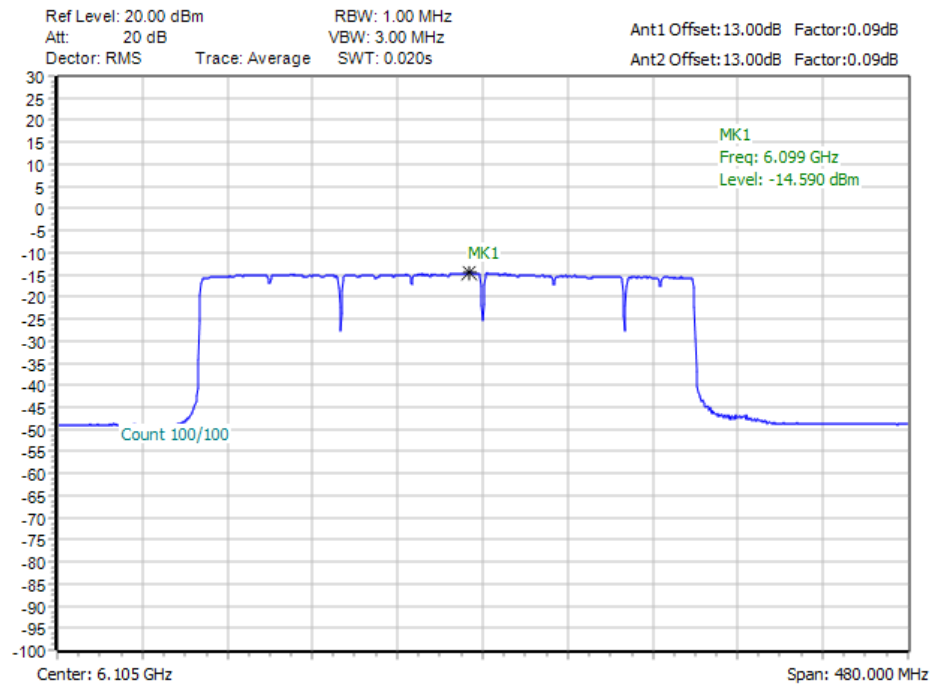


11BE320MIMO_total_6105_Large RU 996*3_4

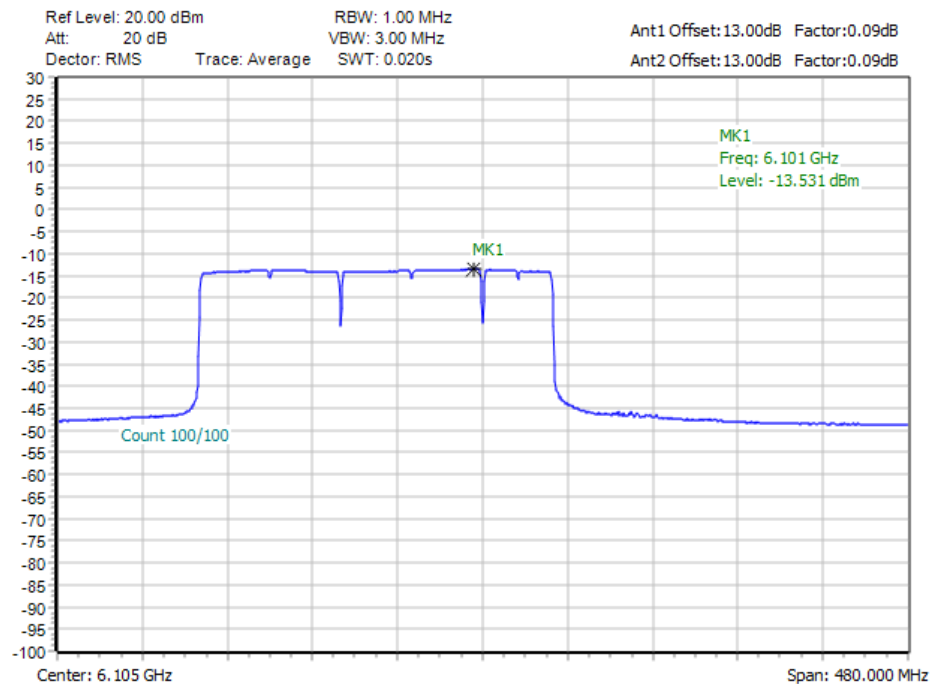




11BE320MIMO_total_6105_Large RU 996*3+484_8

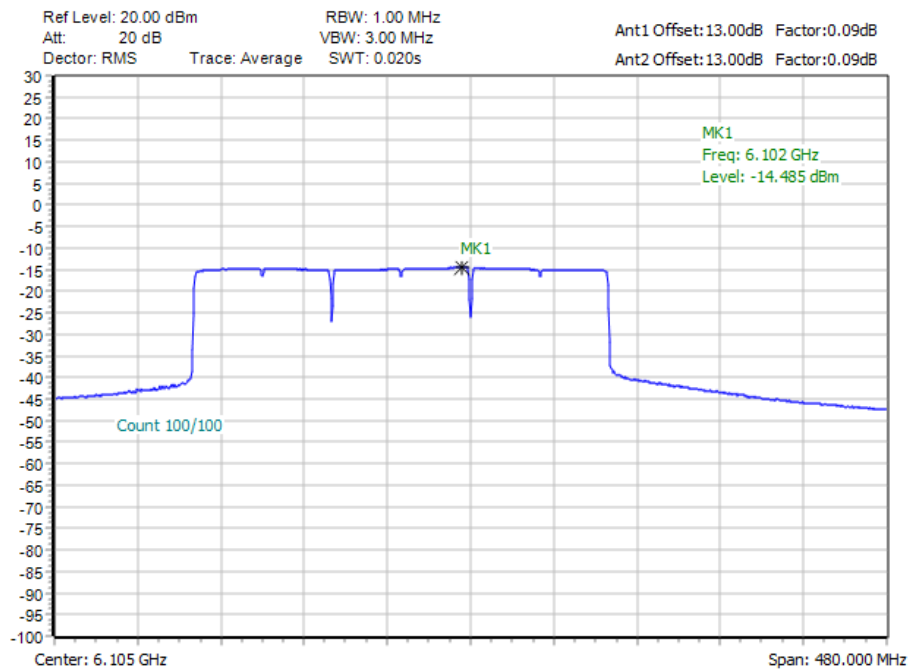


11BE320MIMO_total_6105_Puncturing 80M+40M_6

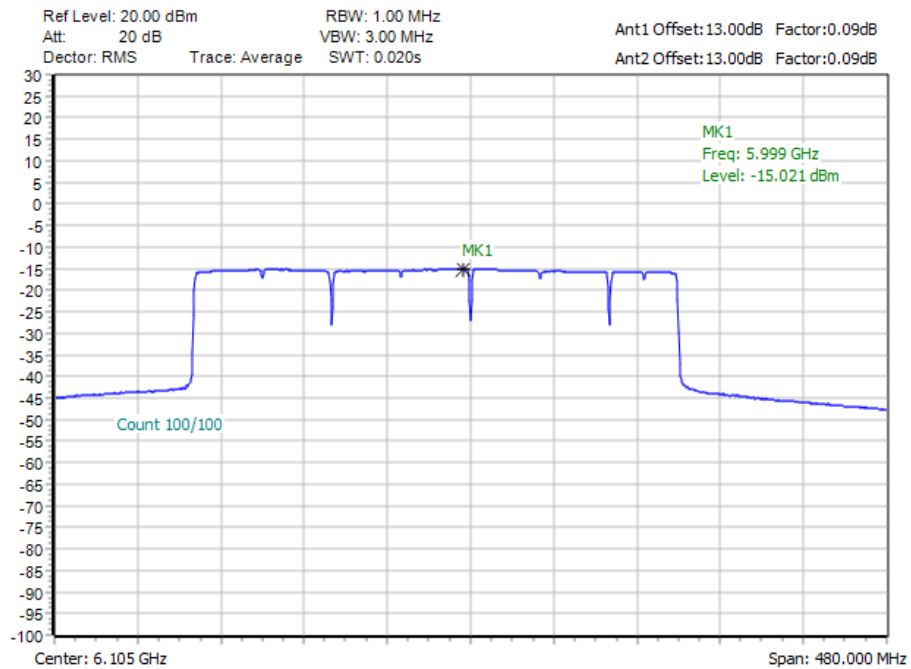




11BE320MIMO_total_6105_Puncturing 80M_4



11BE320MIMO_total_6105_Puncturing 40M_8





In-Band Emissions

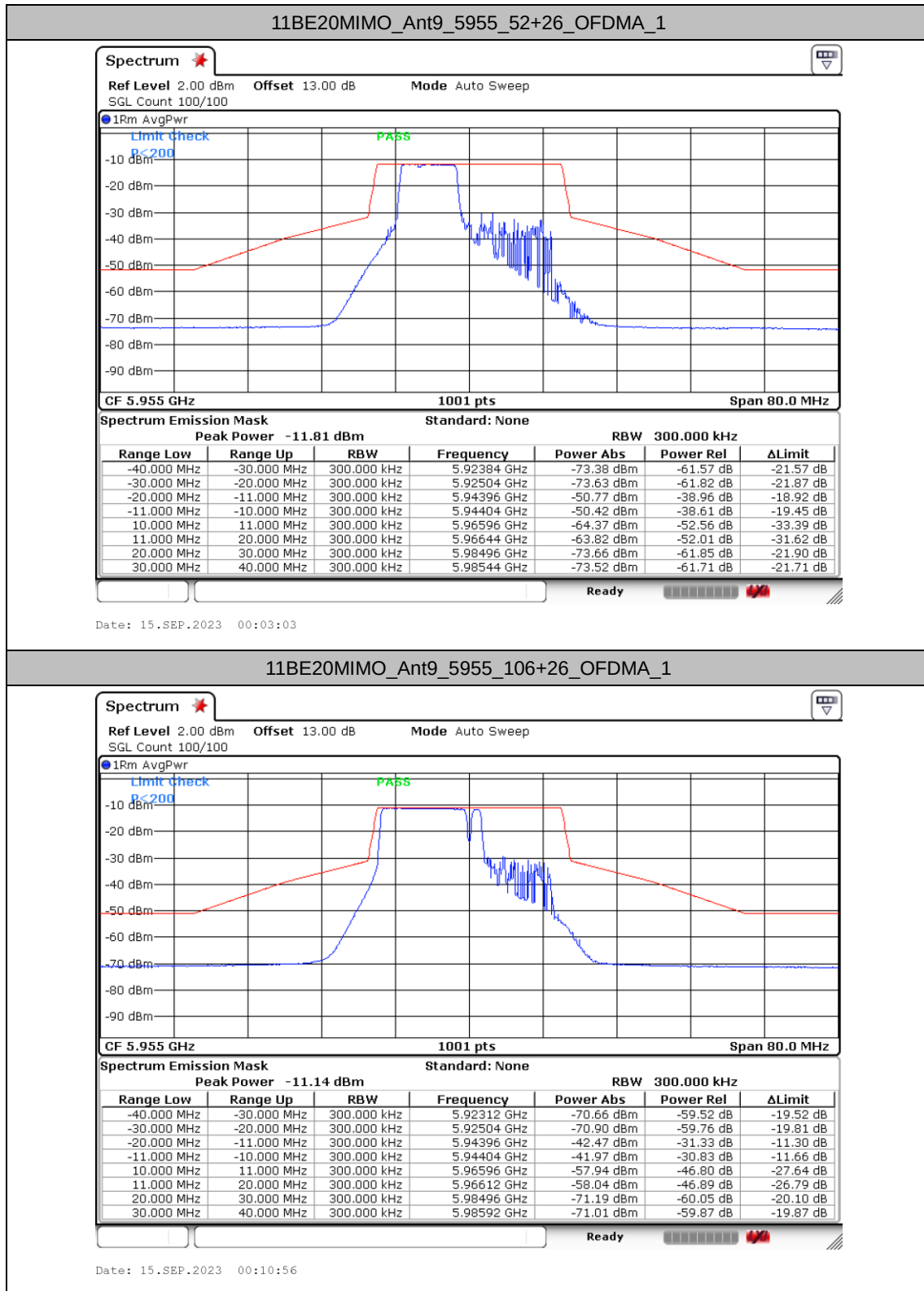
Test Result

TestMode	Antenna	Channel	MRU Size	MRU Index	Result	Limit	Verdict
11BE20MIMO	Ant9	5955	52+26_OFDMA	1	See test graph	See test graph	PASS
			106+26_OFDMA	1	See test graph	See test graph	PASS
	Ant15	5955	52+26_OFDMA	1	See test graph	See test graph	PASS
			106+26_OFDMA	1	See test graph	See test graph	PASS
	Ant9	6535	52+26_OFDMA	1	See test graph	See test graph	PASS
			106+26_OFDMA	1	See test graph	See test graph	PASS
	Ant15	6535	52+26_OFDMA	1	See test graph	See test graph	PASS
			106+26_OFDMA	1	See test graph	See test graph	PASS
11BE80MIMO	Ant9	5985	Large RU 484+242	4	See test graph	See test graph	PASS
			Puncturing 20M	4	See test graph	See test graph	PASS
	Ant15	5985	Large RU 484+242	4	See test graph	See test graph	PASS
			Puncturing 20M	4	See test graph	See test graph	PASS
			Puncturing 20M	1	See test graph	See test graph	PASS
11BE160MIMO	Ant9	6025	Large RU 996+484	4	See test graph	See test graph	PASS
			Large RU 996+484+242	8	See test graph	See test graph	PASS
			Puncturing 40M	4	See test graph	See test graph	PASS
			Puncturing 20M	8	See test graph	See test graph	PASS
	Ant15	6025	Large RU 996+484	4	See test graph	See test graph	PASS
			Large RU 996+484+242	8	See test graph	See test graph	PASS
			Puncturing 40M	4	See test graph	See test graph	PASS
			Puncturing 20M	8	See test graph	See test graph	PASS

TestMode	Antenna	Channel	MRU Size	MRU Index	Result	Limit	Verdict
11BE320 MIMO	Ant9	6105	Large RU 996*2+484	6	See test graph	See test graph	PASS
			Large RU 996*3	4	See test graph	See test graph	PASS
			Large RU 996*3+484	8	See test graph	See test graph	PASS
			Puncturing 80M+40M	6	See test graph	See test graph	PASS
			Puncturing 80M	4	See test graph	See test graph	PASS
			Puncturing 40M	8	See test graph	See test graph	PASS
	Ant15	6105	Large RU 996*2+484	6	See test graph	See test graph	PASS
			Large RU 996*3	4	See test graph	See test graph	PASS
			Large RU 996*3+484	8	See test graph	See test graph	PASS
			Puncturing 80M+40M	6	See test graph	See test graph	PASS
			Puncturing 80M	4	See test graph	See test graph	PASS
			Puncturing 40M	8	See test graph	See test graph	PASS

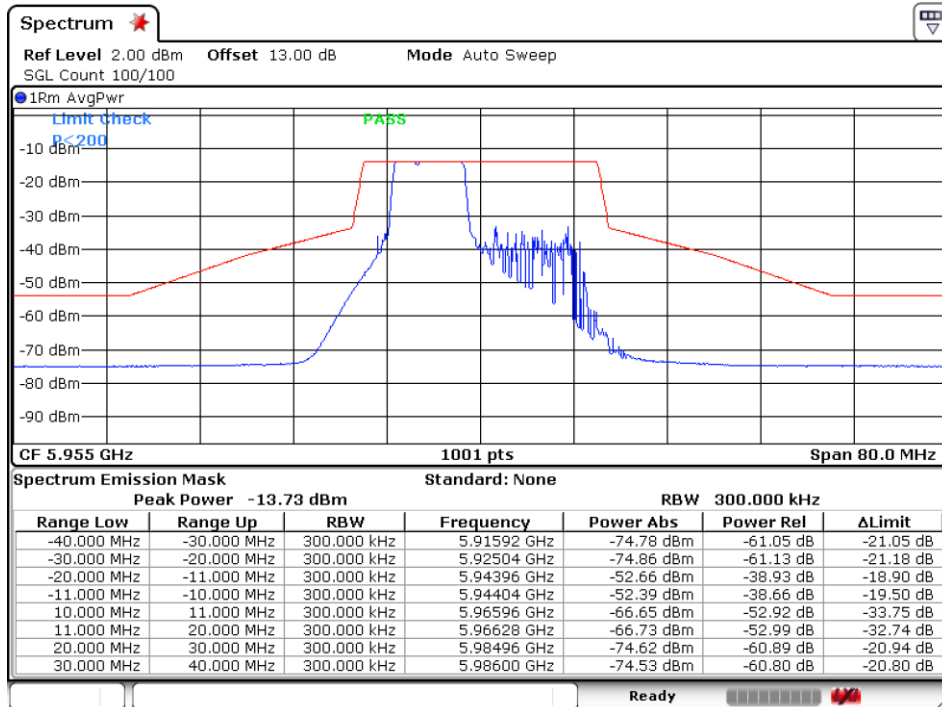


Test Graphs



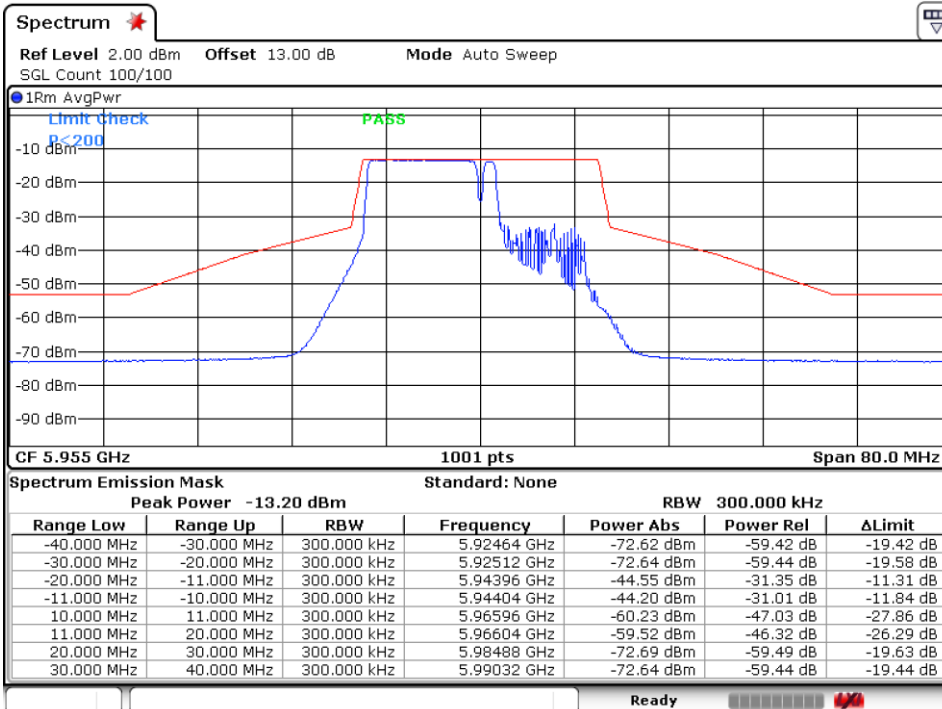


11BE20MIMO_Ant15_5955_52+26_OFDMA_1



Date: 15.SEP.2023 00:08:46

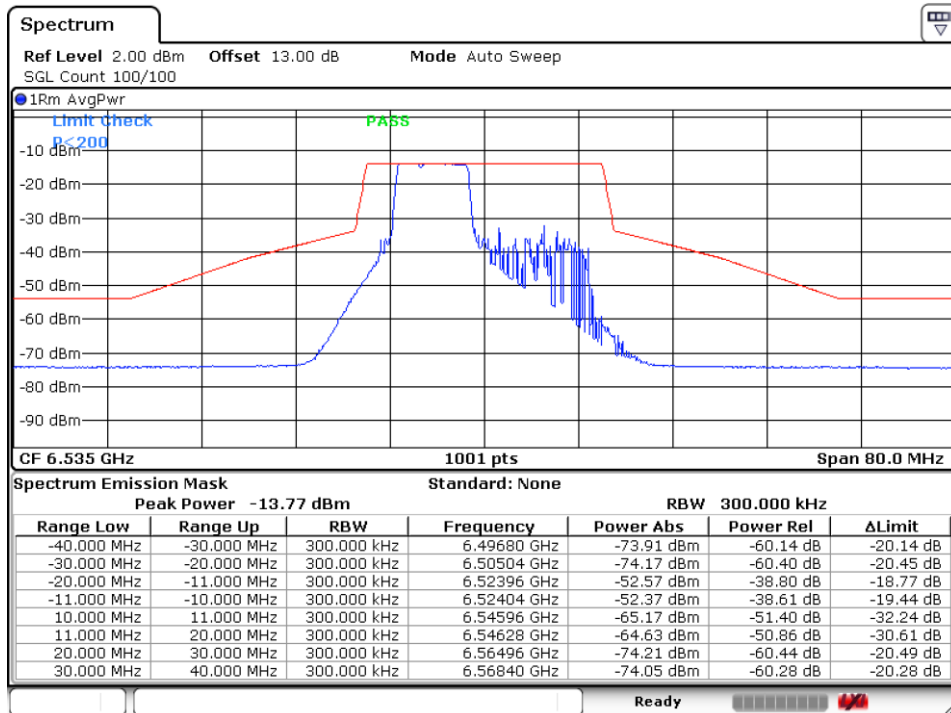
11BE20MIMO_Ant15_5955_106+26_OFDMA_1



Date: 15.SEP.2023 00:10:10

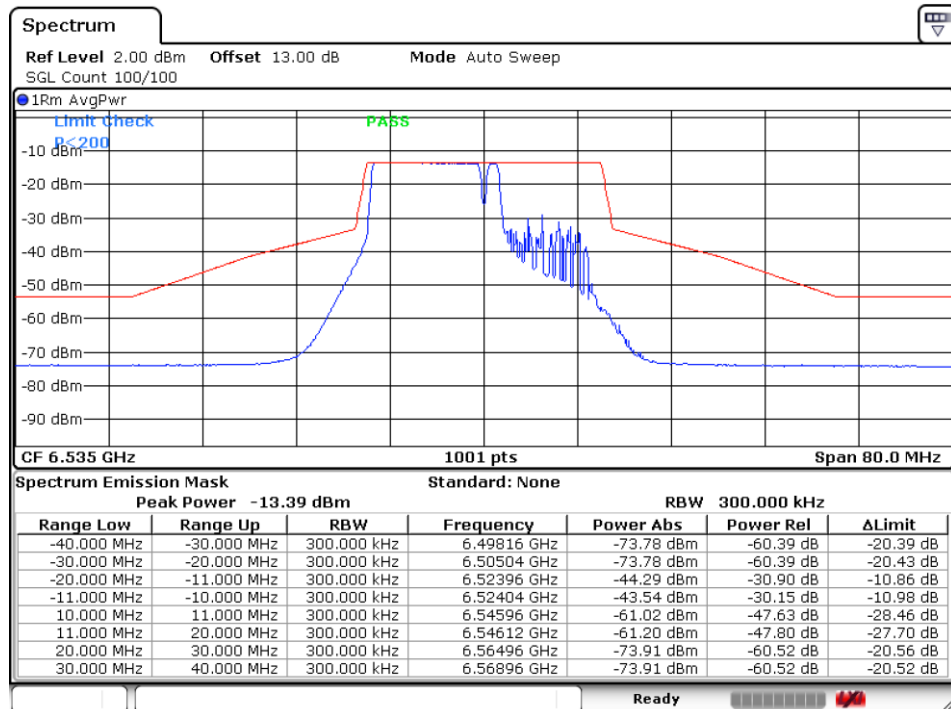


11BE20MIMO_Ant9_6535_52+26_OFDMA_1



Date: 15.SEP.2023 00:42:21

11BE20MIMO_Ant9_6535_106+26_OFDMA_1



Date: 15.SEP.2023 16:52:33



11BE20MIMO_Ant15_6535_52+26_OFDMA_1

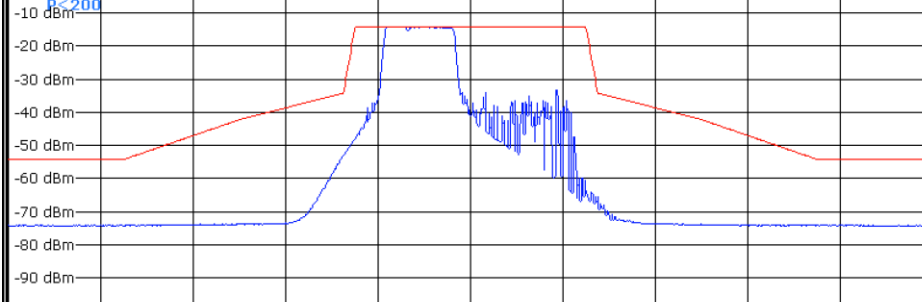
Spectrum

Ref Level 2.00 dBm Offset 13.00 dB Mode Auto Sweep
SGL Count 100/100

1Rm AvgPwr

Limit check
P<200

PASS



CF 6.535 GHz 1001 pts Span 80.0 MHz

Spectrum Emission Mask Standard: None

Peak Power -14.21 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	6.50072 GHz	-73.99 dBm	-59.78 dB	-19.78 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.50504 GHz	-74.20 dBm	-59.99 dB	-20.04 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.52396 GHz	-53.15 dBm	-38.94 dB	-18.91 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.52404 GHz	-52.72 dBm	-38.51 dB	-19.34 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.54596 GHz	-66.83 dBm	-52.62 dB	-33.45 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.54604 GHz	-65.46 dBm	-51.25 dB	-31.22 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.56496 GHz	-74.12 dBm	-59.90 dB	-19.95 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.56552 GHz	-73.87 dBm	-59.66 dB	-19.66 dB

Ready

Date: 15.SEP.2023 00:42:57

11BE20MIMO_Ant15_6535_106+26_OFDMA_1

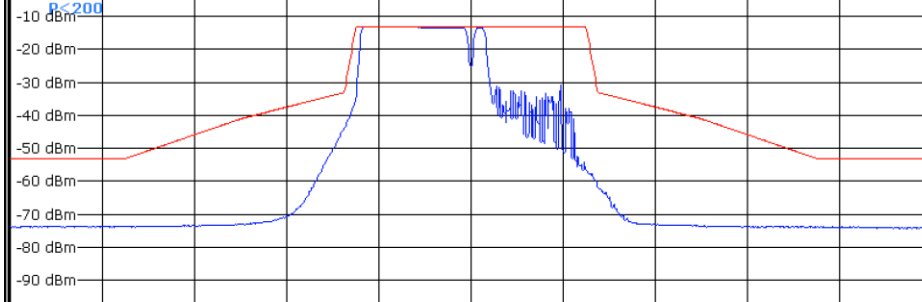
Spectrum

Ref Level 2.00 dBm Offset 13.00 dB Mode Auto Sweep
SGL Count 100/100

1Rm AvgPwr

Limit check
P<200

PASS



CF 6.535 GHz 1001 pts Span 80.0 MHz

Spectrum Emission Mask Standard: None

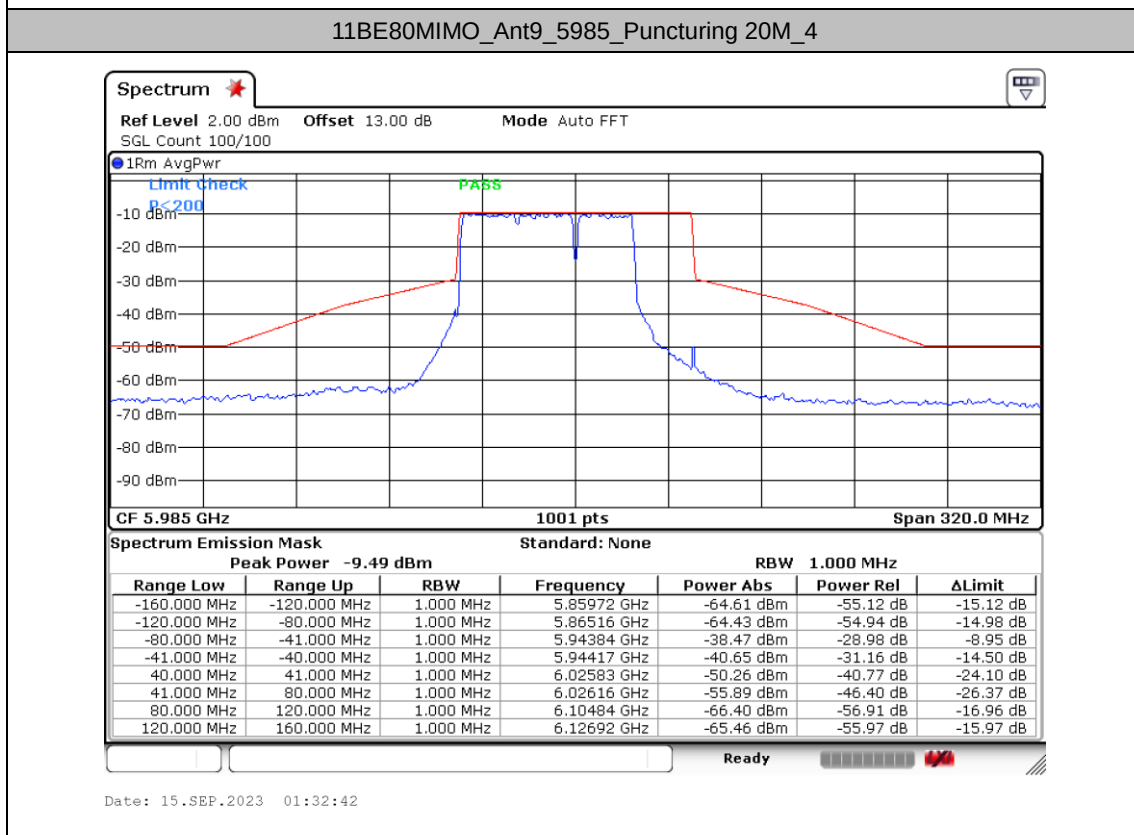
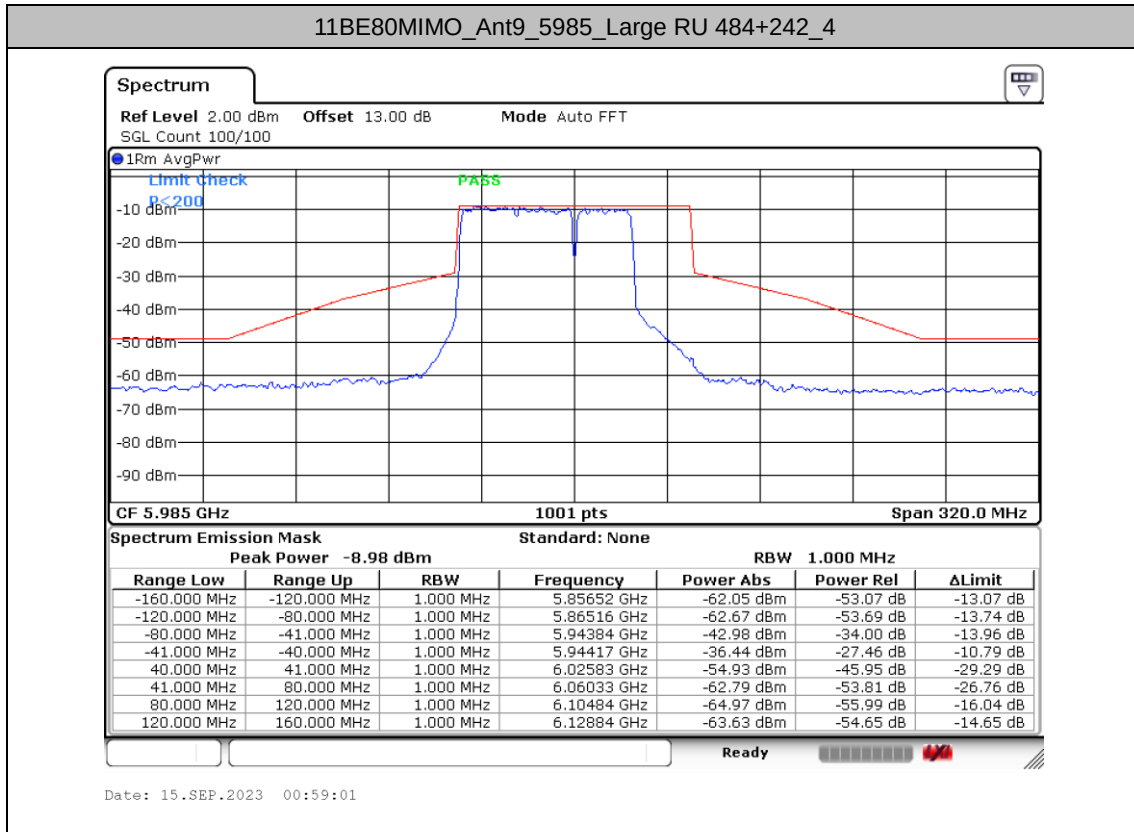
Peak Power -13.06 dBm

RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.49896 GHz	-73.45 dBm	-60.39 dB	-20.39 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.50504 GHz	-73.75 dBm	-60.69 dB	-20.74 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.52396 GHz	-44.08 dBm	-31.02 dB	-10.99 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.52404 GHz	-43.50 dBm	-30.44 dB	-11.27 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.54596 GHz	-60.25 dBm	-47.19 dB	-28.02 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.54620 GHz	-62.14 dBm	-49.08 dB	-28.90 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.56496 GHz	-73.90 dBm	-60.84 dB	-20.89 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.56536 GHz	-73.72 dBm	-60.66 dB	-20.66 dB

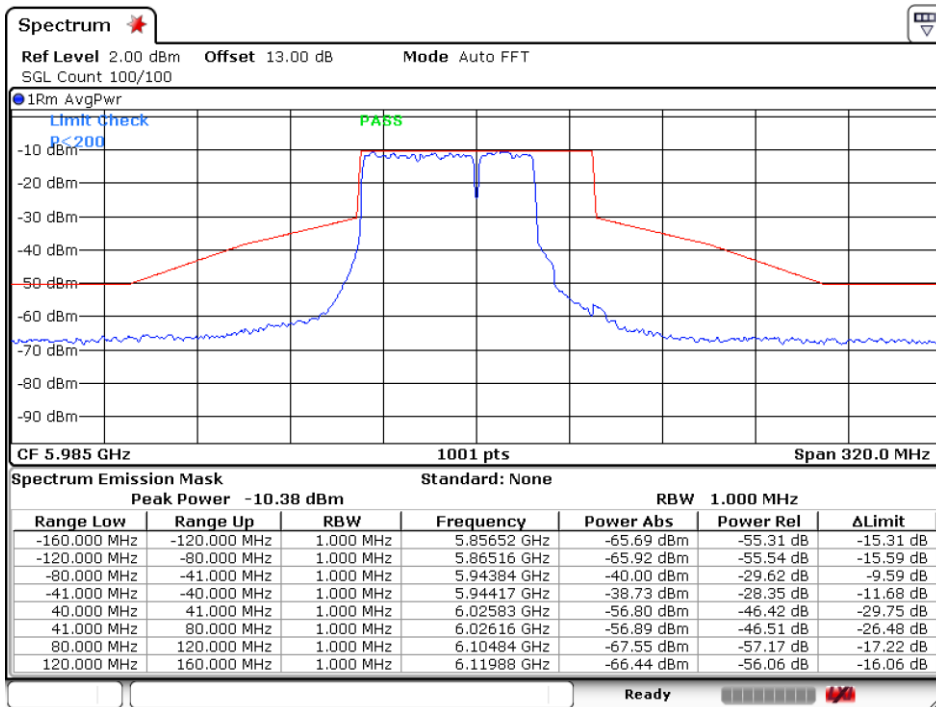
Ready

Date: 15.SEP.2023 00:44:32



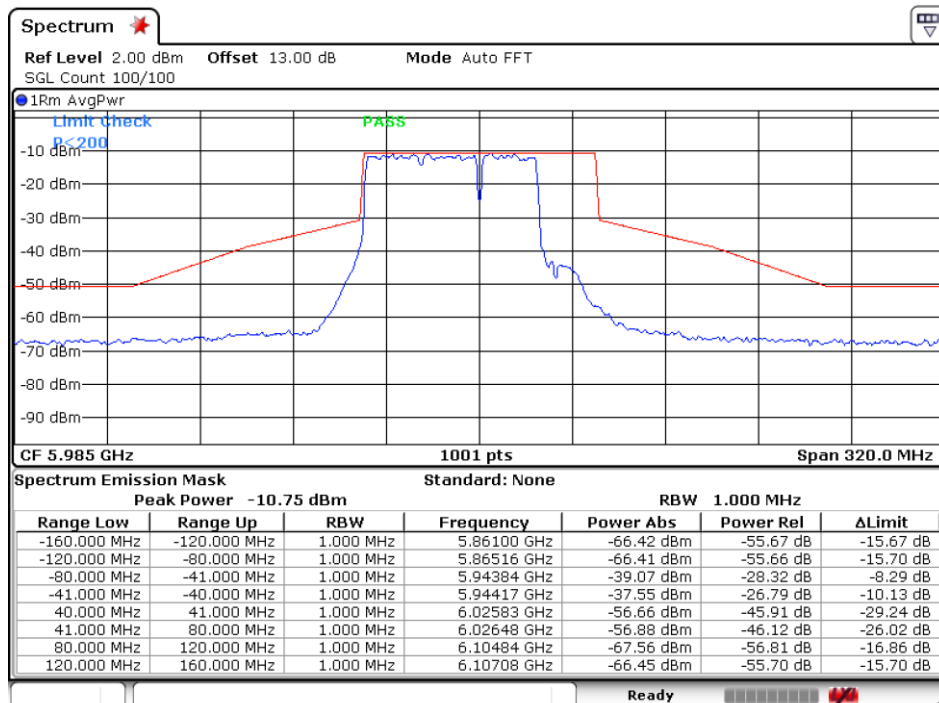


11BE80MIMO_Ant15_5985_Large RU 484+242_4



Date: 15.SEP.2023 00:59:36

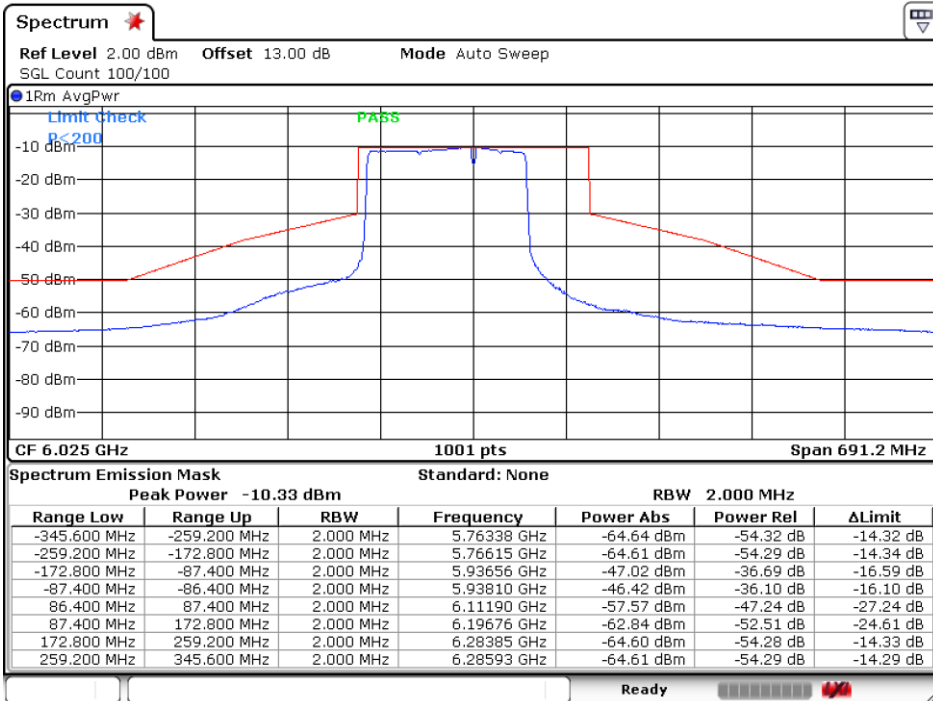
11BE80MIMO_Ant15_5985_Puncturing 20M_4



Date: 15.SEP.2023 01:33:13

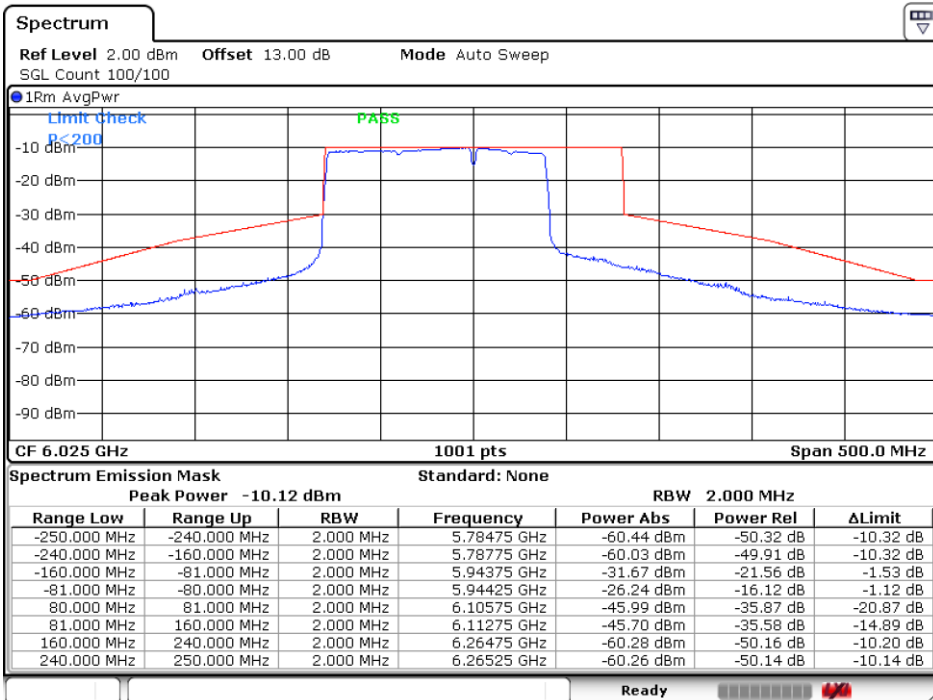


11BE160MIMO_Ant9_6025_Large RU 996+484_4



Date: 15.SEP.2023 01:17:50

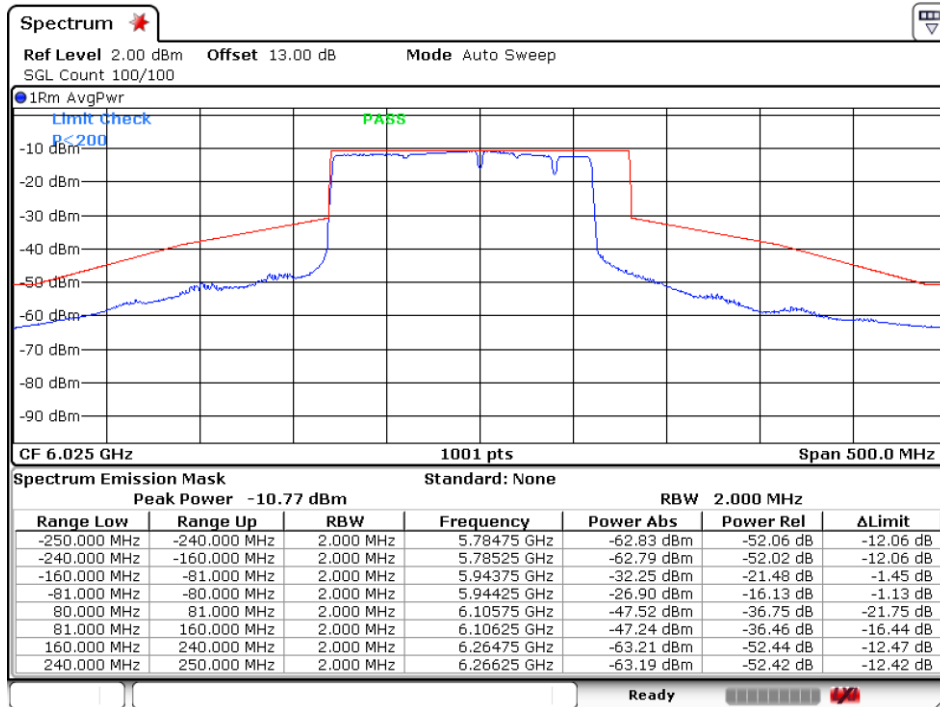
11BE160MIMO_Ant9_6025_Puncturing 40M_4



Date: 15.SEP.2023 01:42:49

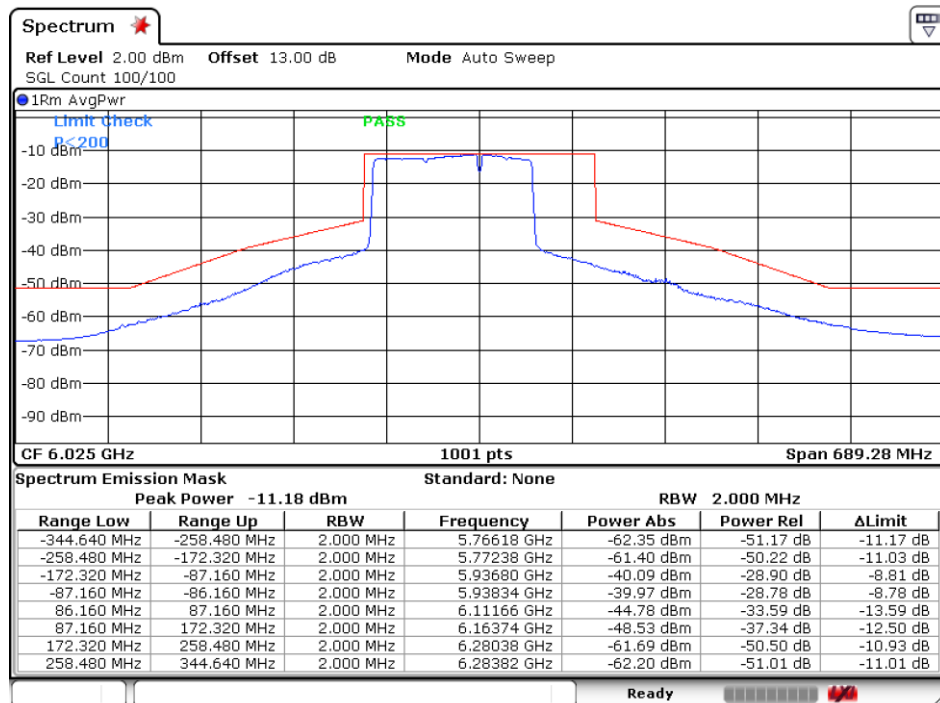


11BE160MIMO_Ant9_6025_Puncturing 20M_8



Date: 15.SEP.2023 01:45:42

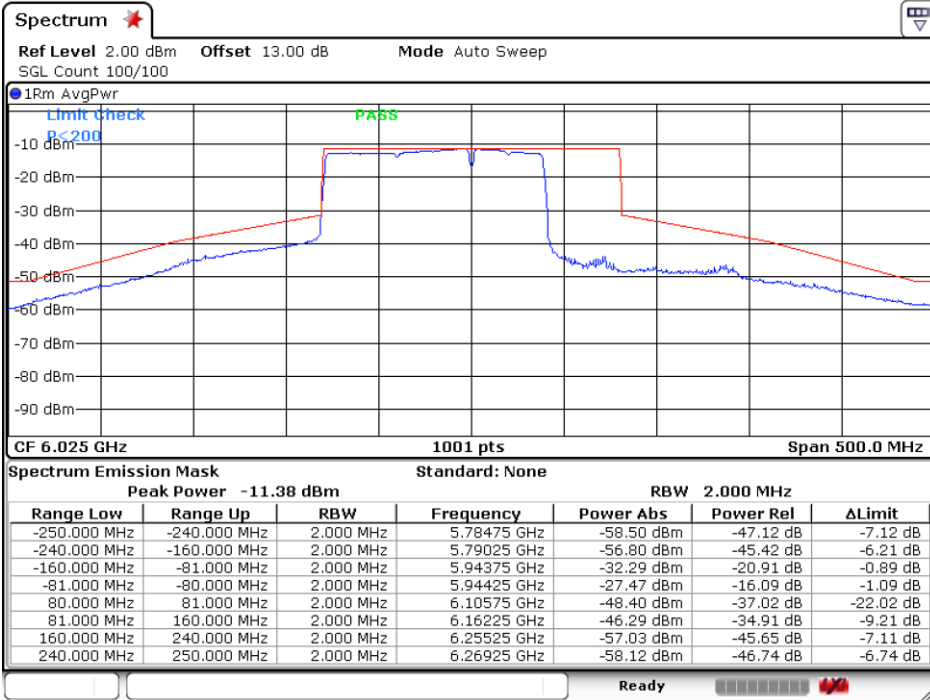
11BE160MIMO_Ant15_6025_Large RU 996+484_4



Date: 15.SEP.2023 01:18:34

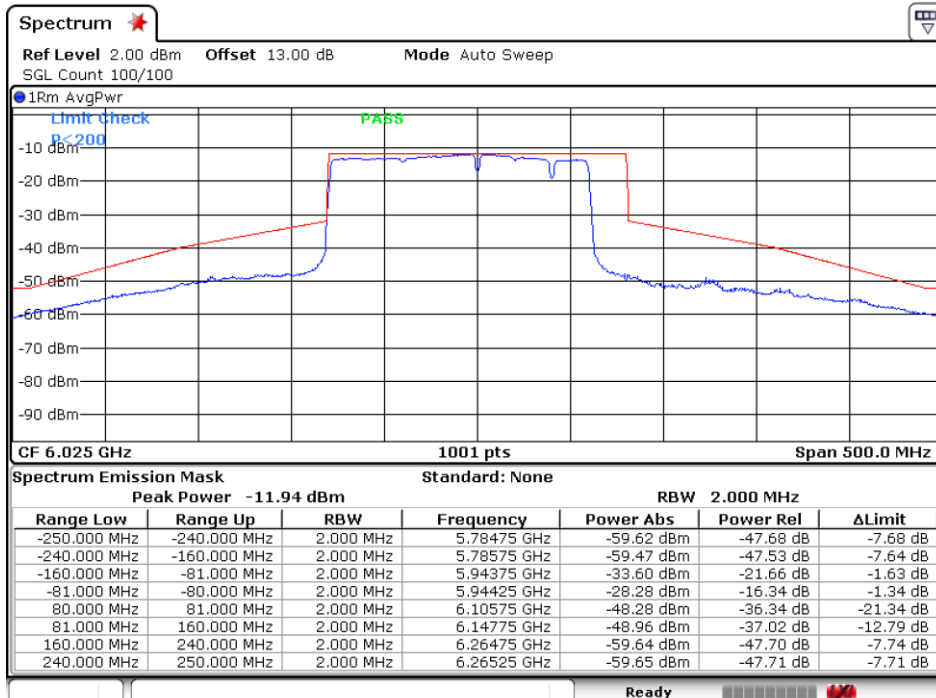


11BE160MIMO_Ant15_6025_Puncturing 40M_4



Date: 15.SEP.2023 01:43:41

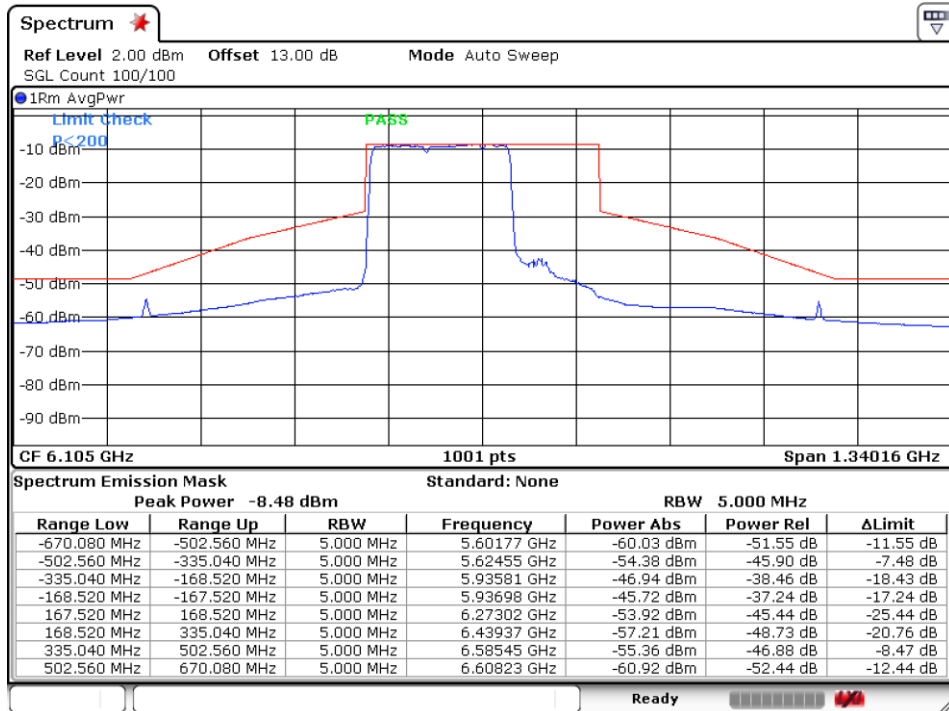
11BE160MIMO_Ant15_6025_Puncturing 20M_8



Date: 15.SEP.2023 01:45:00

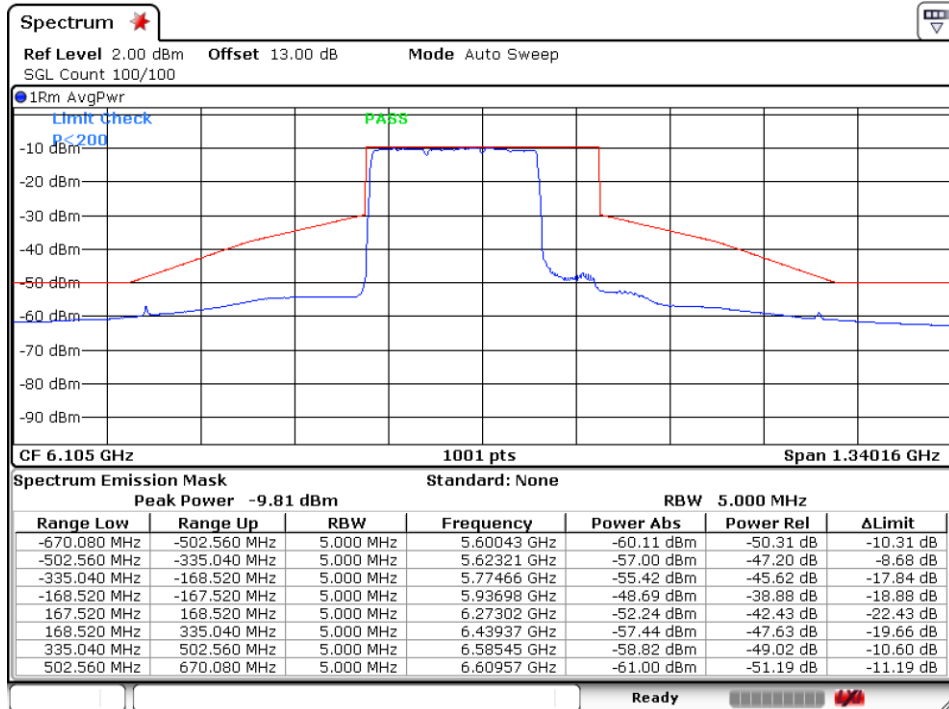


11BE320MIMO_Ant9_6105_Large RU 996*2+484_6



Date: 15.SEP.2023 02:25:00

11BE320MIMO_Ant9_6105_Large RU 996*3_4

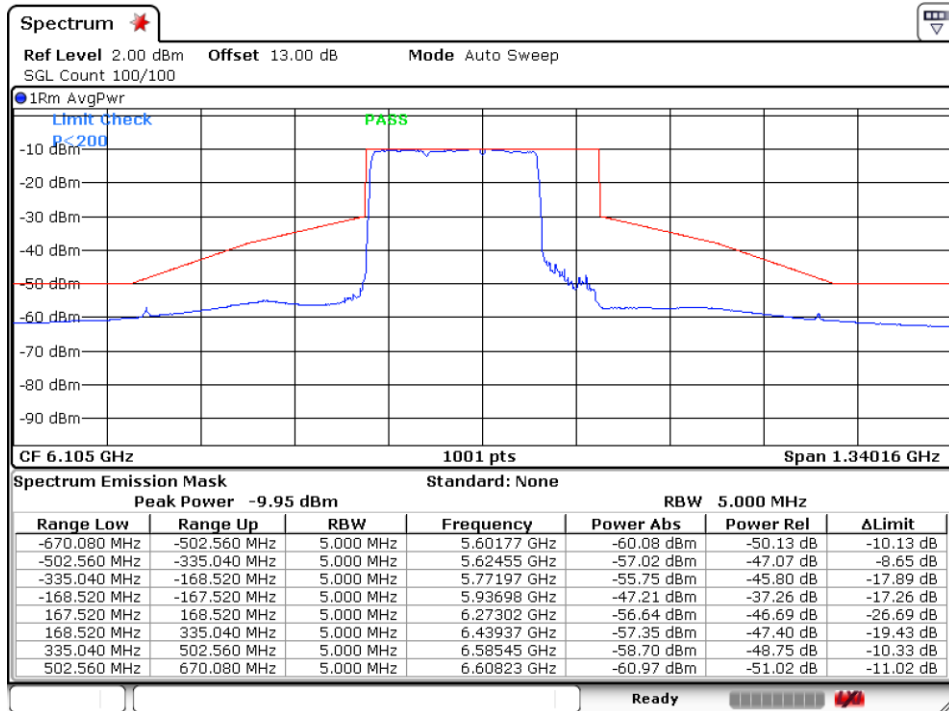


Date: 15.SEP.2023 02:27:46



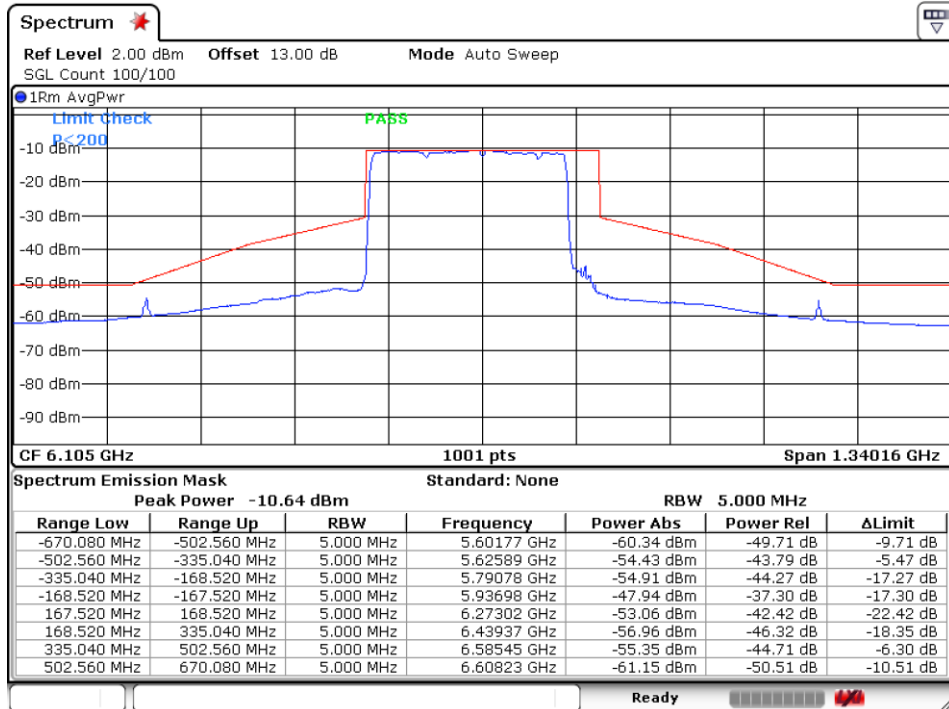


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Date: 15.SEP.2023 02:22:29

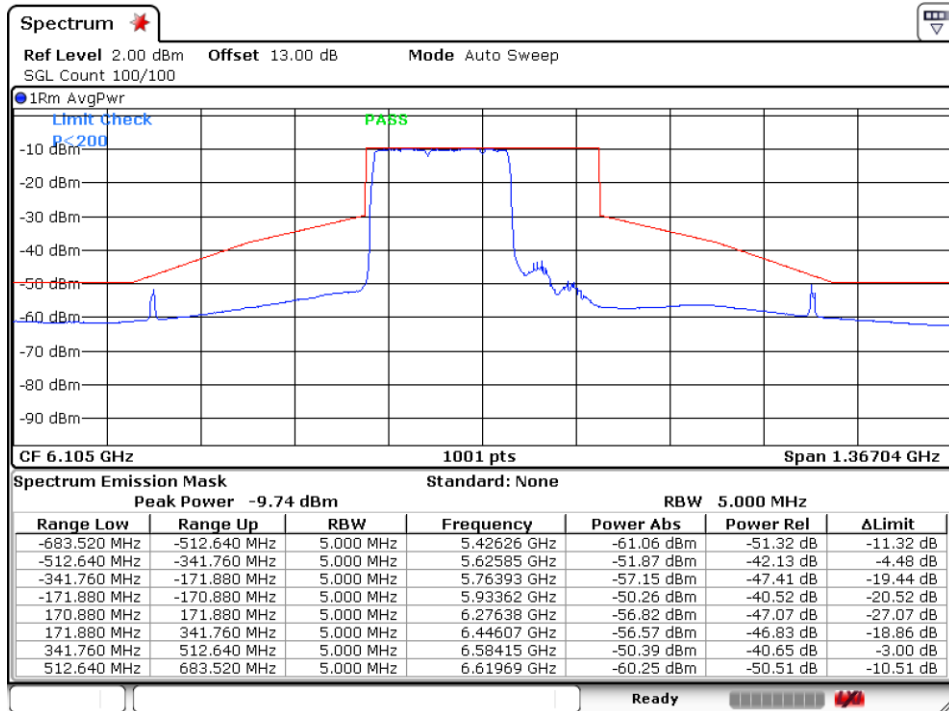
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Date: 15.SEP.2023 02:06:44

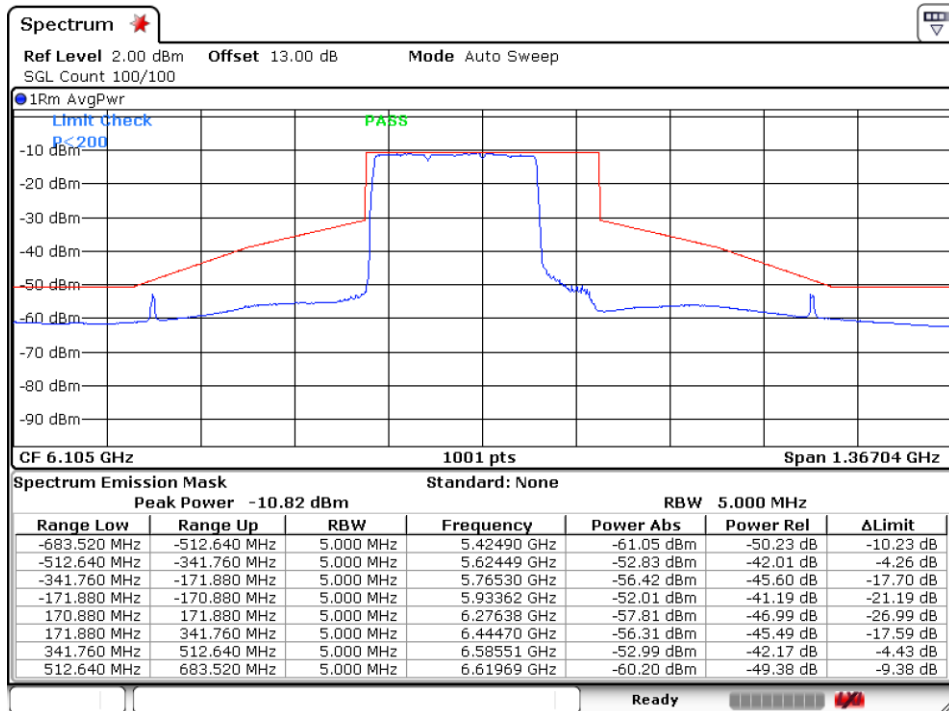


11BE320MIMO_Ant15_6105_Large RU 996*2+484_6



Date: 15.SEP.2023 02:25:53

11BE320MIMO_Ant15_6105_Large RU 996*3_4



Date: 15.SEP.2023 02:27:09