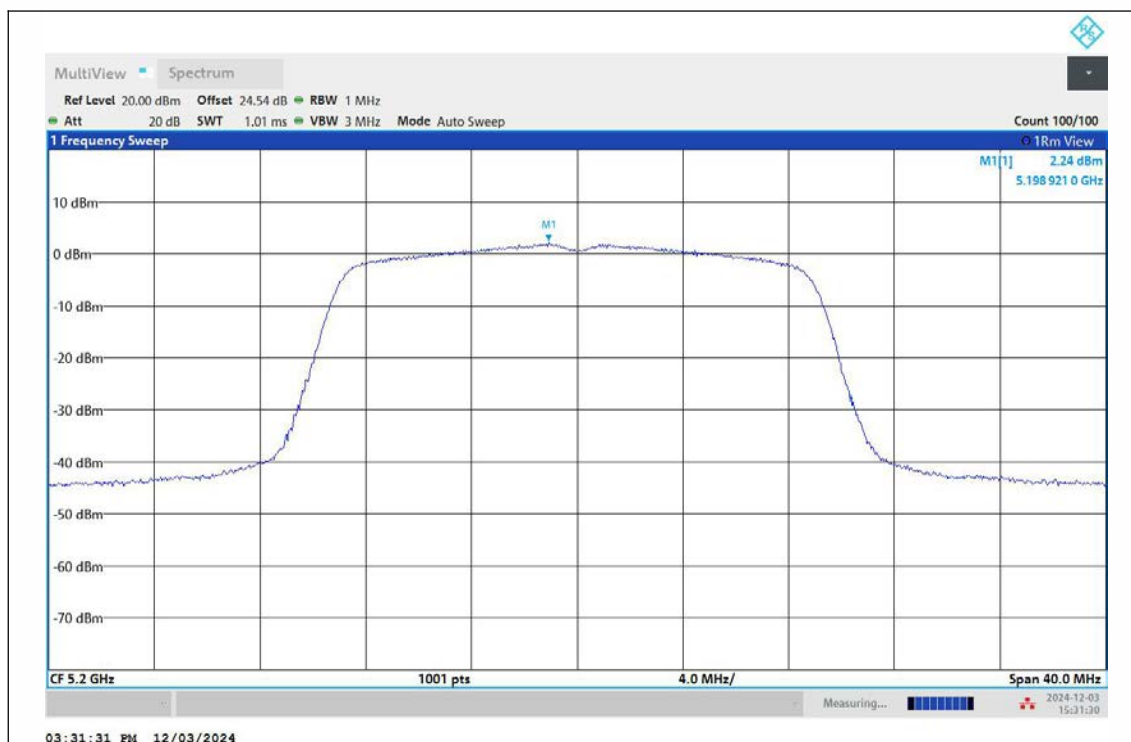
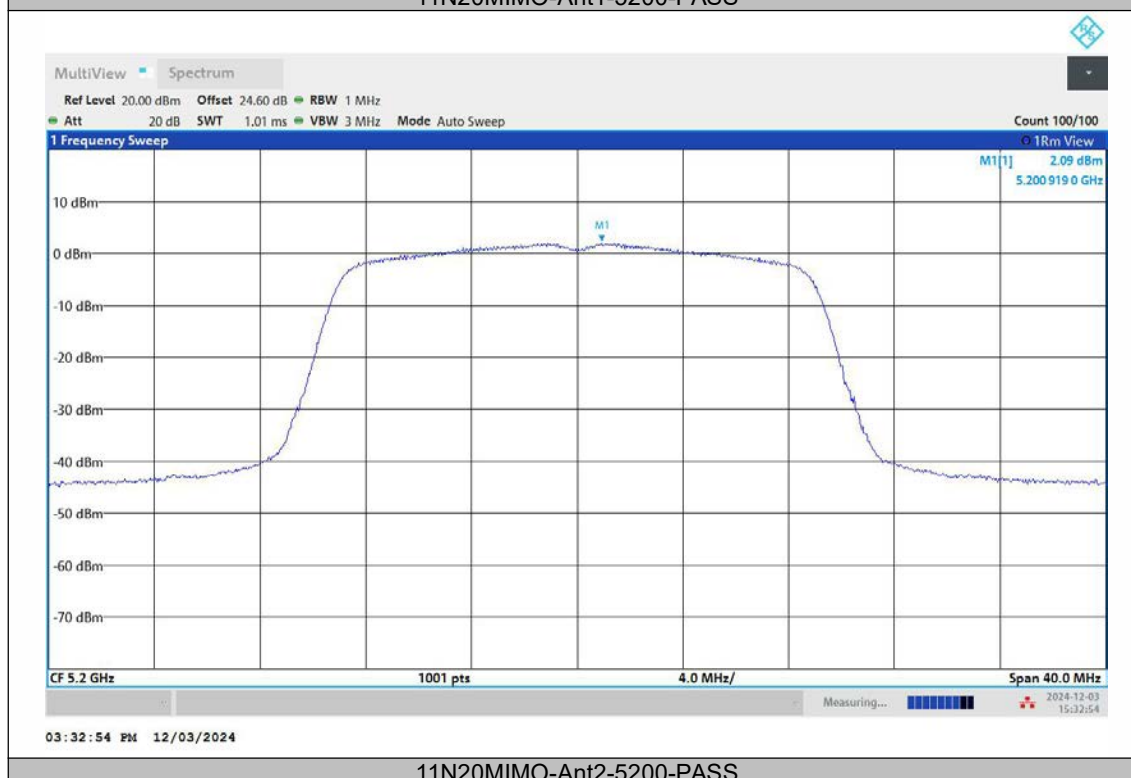
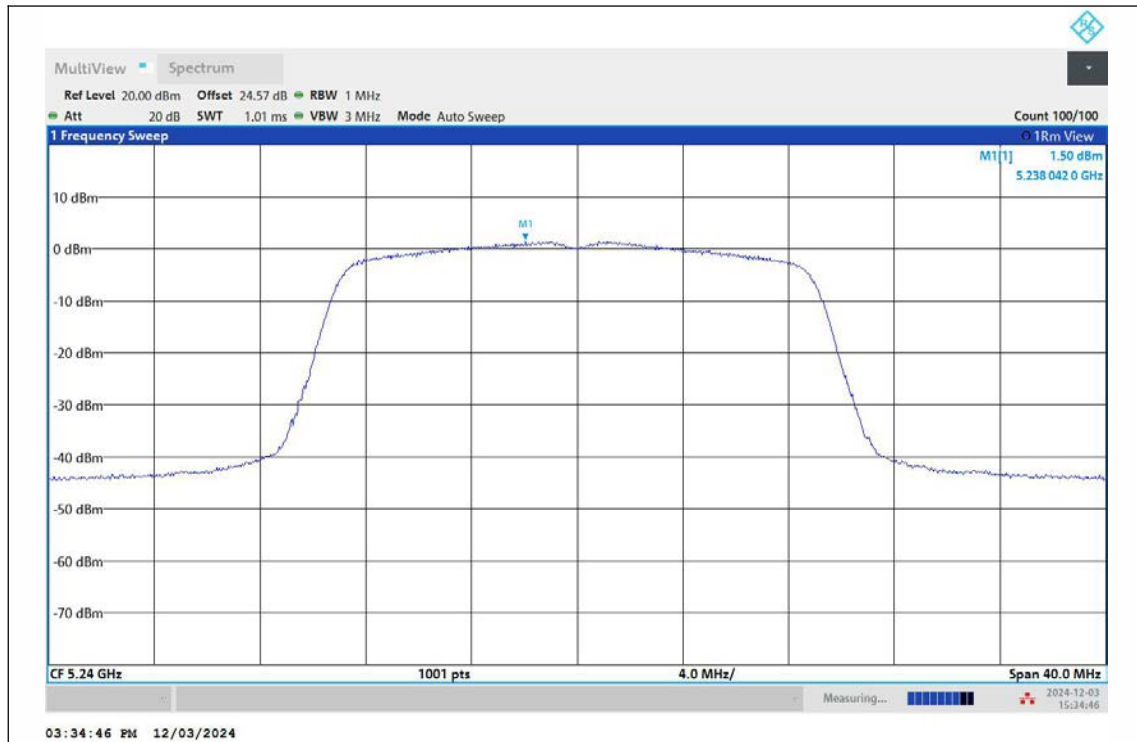




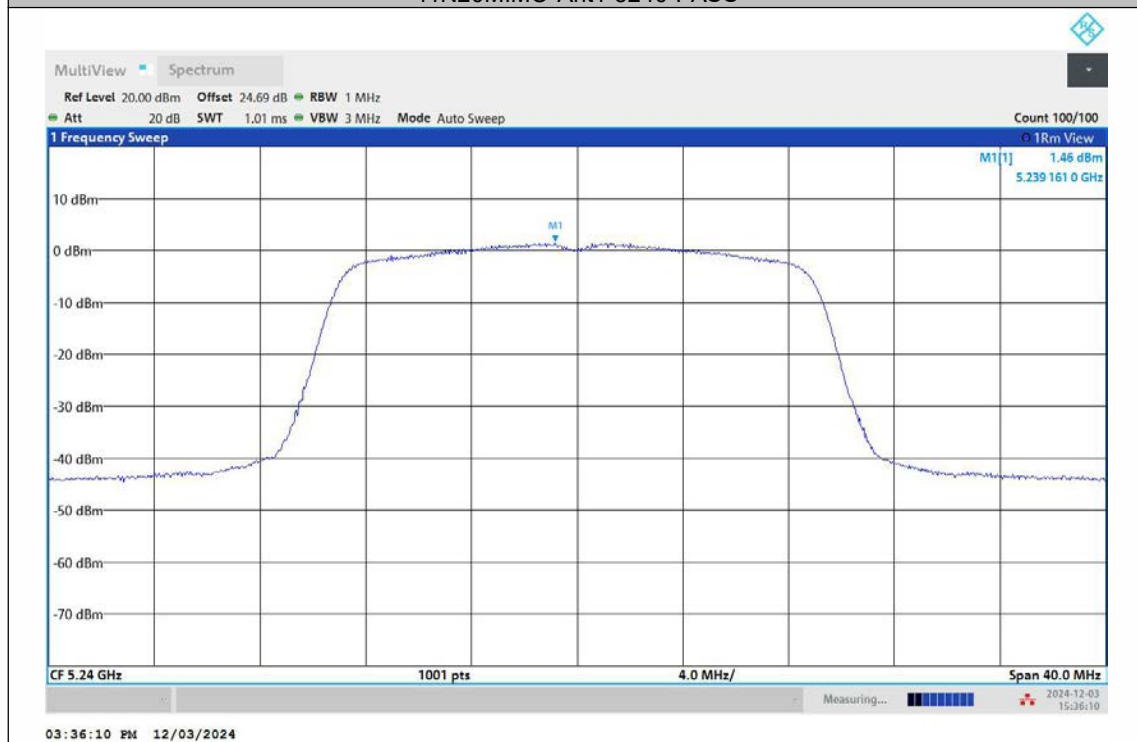
11N20MIMO-Ant1-5200-PASS



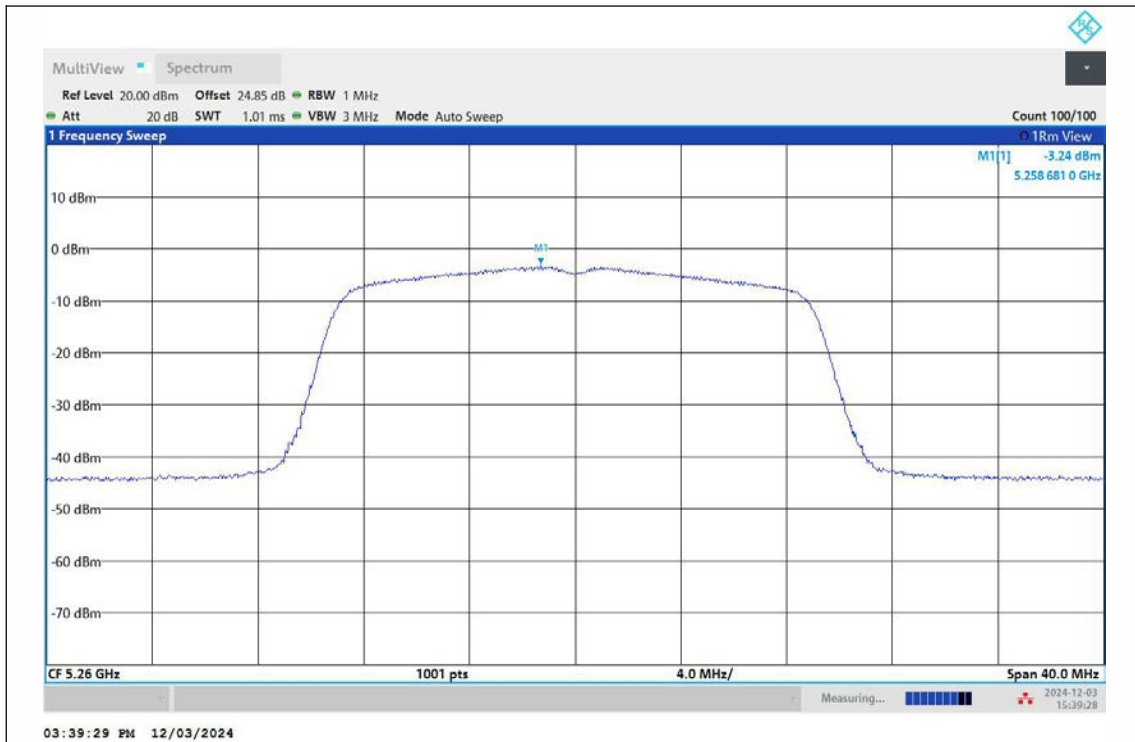
11N20MIMO-Ant2-5200-PASS



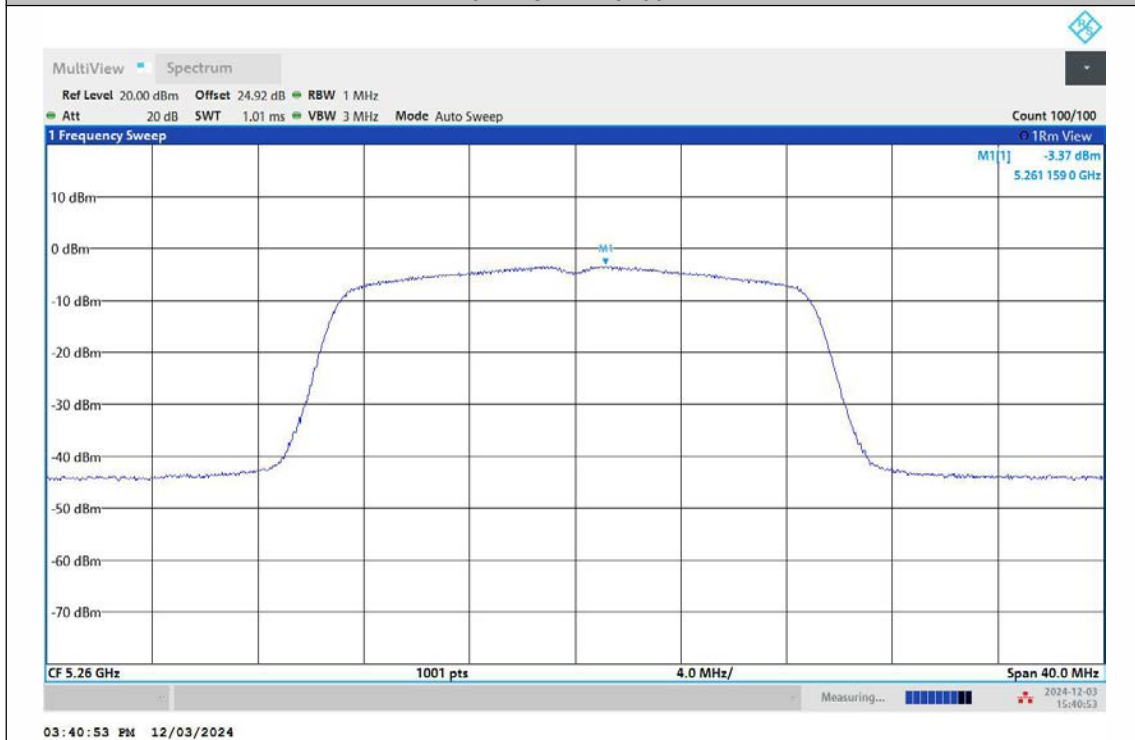
11N20MIMO-Ant1-5240-PASS



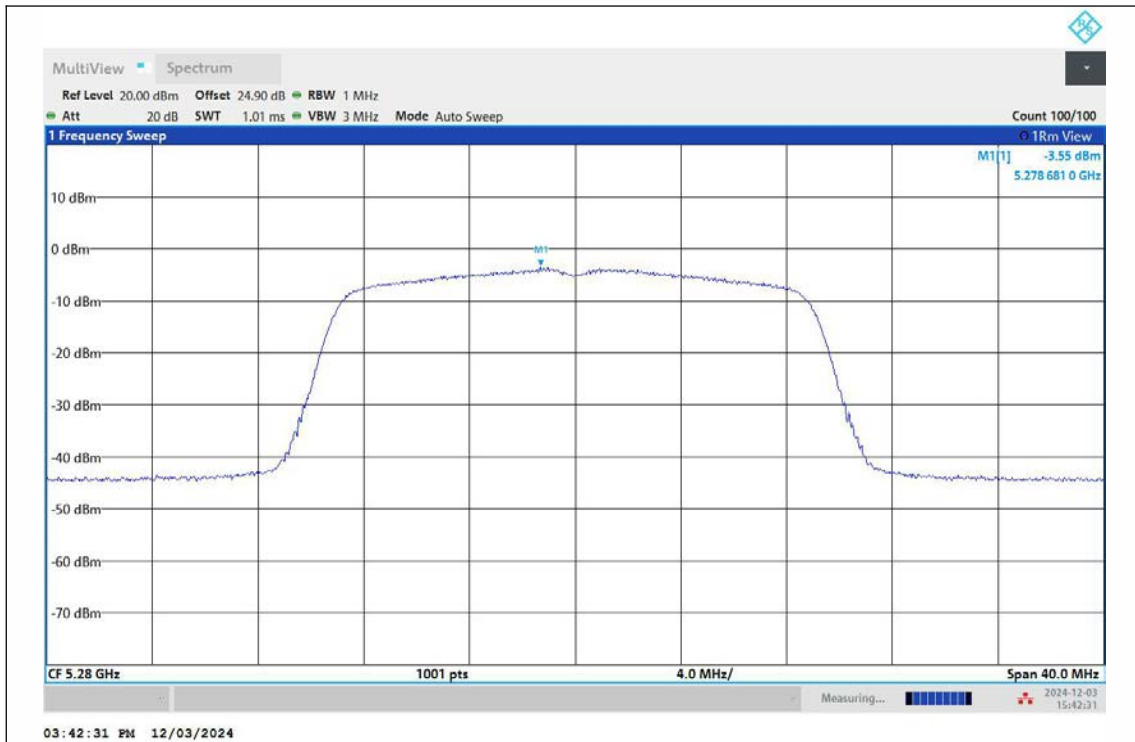
11N20MIMO-Ant2-5240-PASS



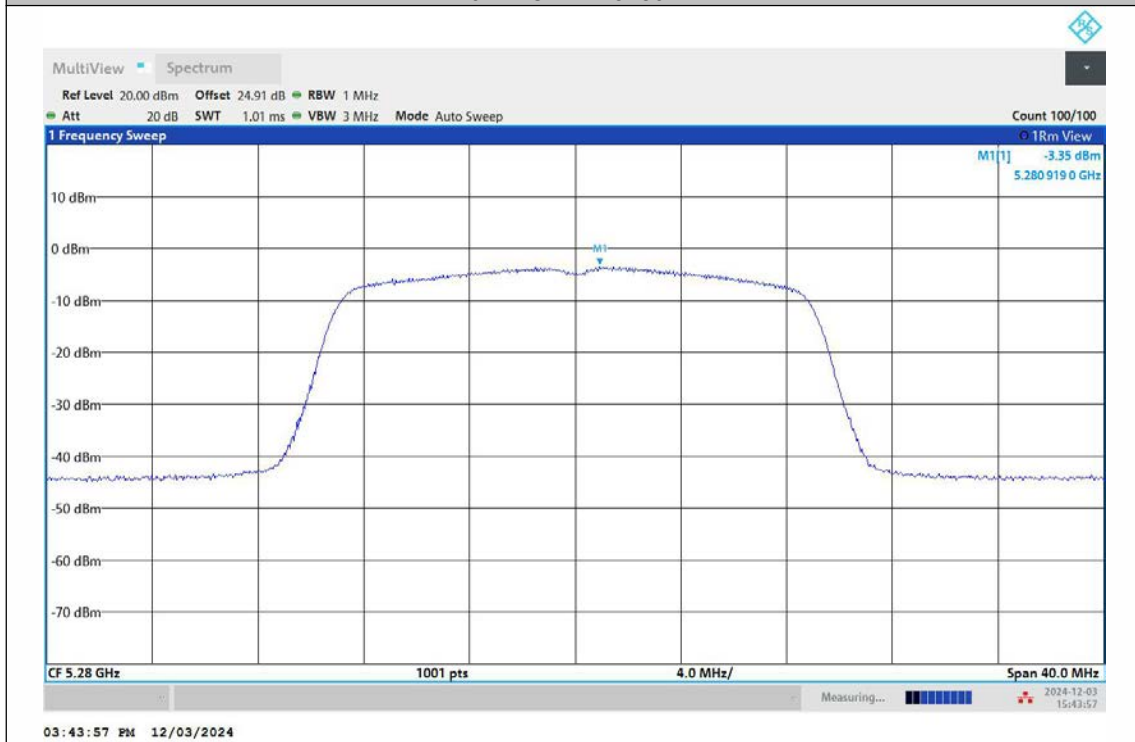
11N20MIMO-Ant1-5260-PASS



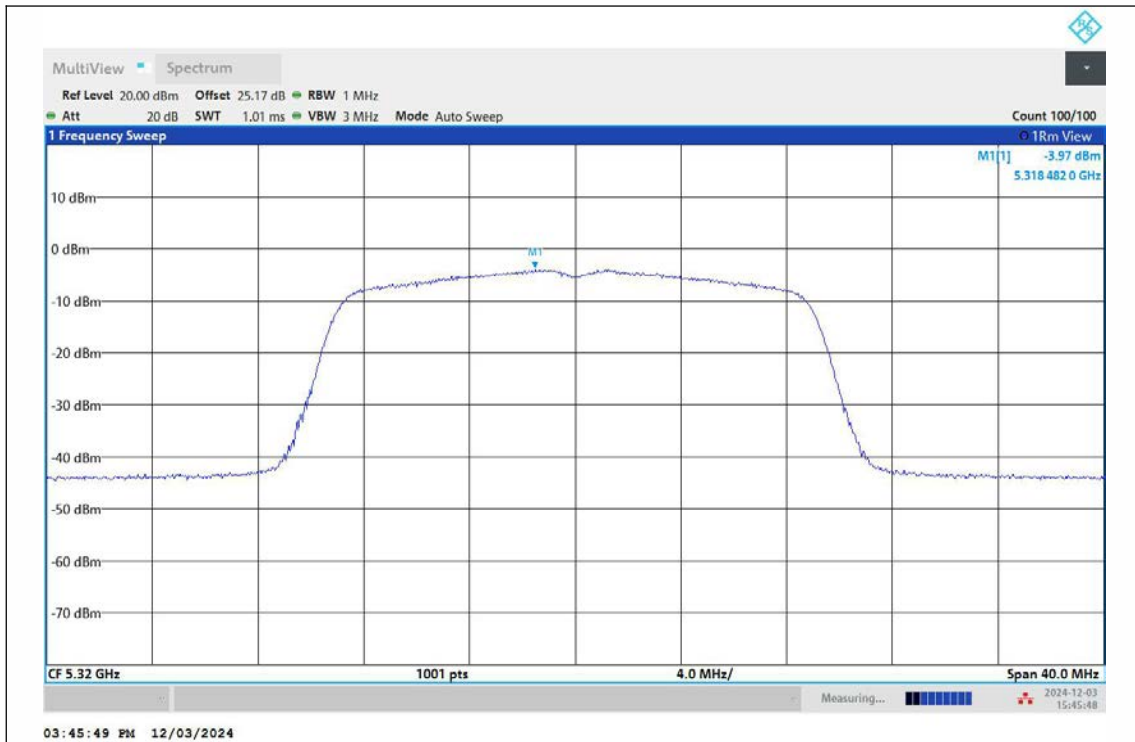
11N20MIMO-Ant2-5260-PASS



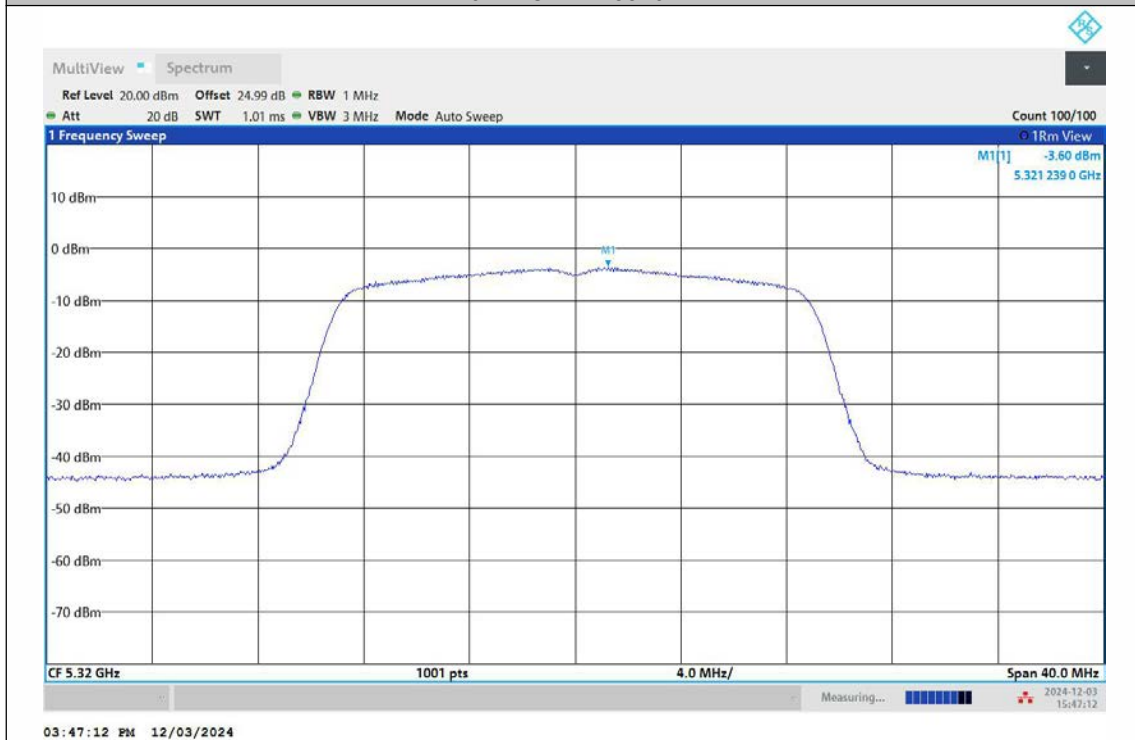
11N20MIMO-Ant1-5280-PASS



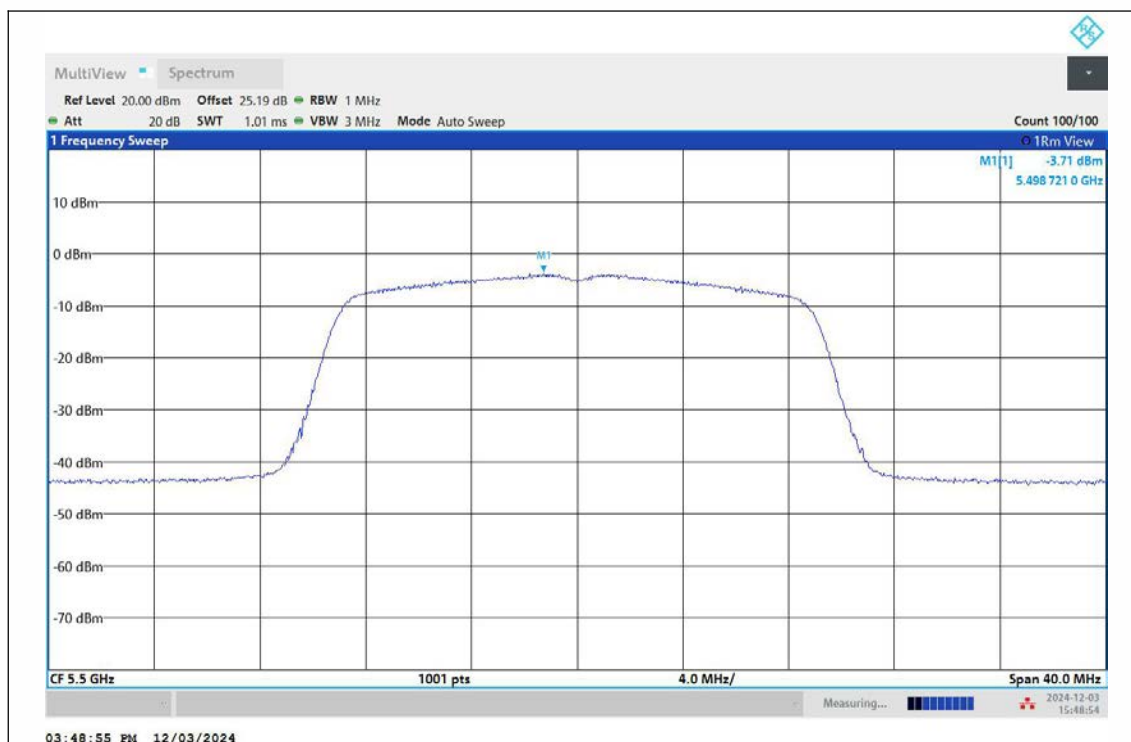
11N20MIMO-Ant2-5280-PASS



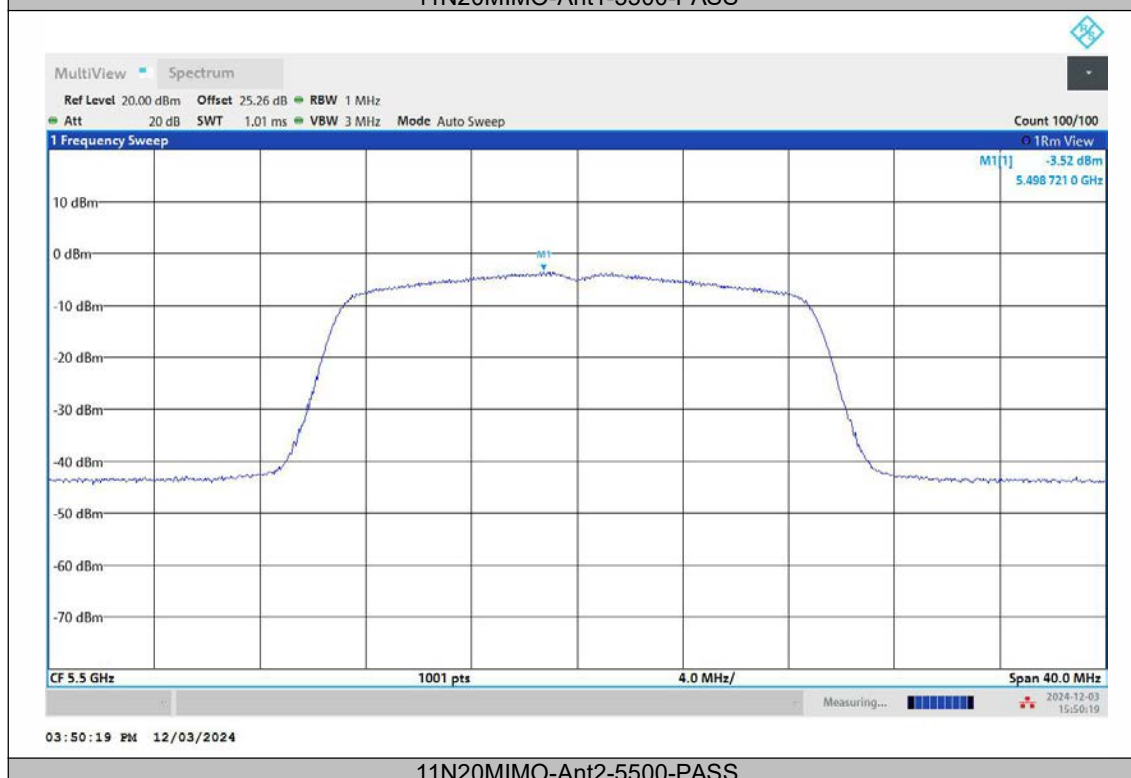
11N20MIMO-Ant1-5320-PASS



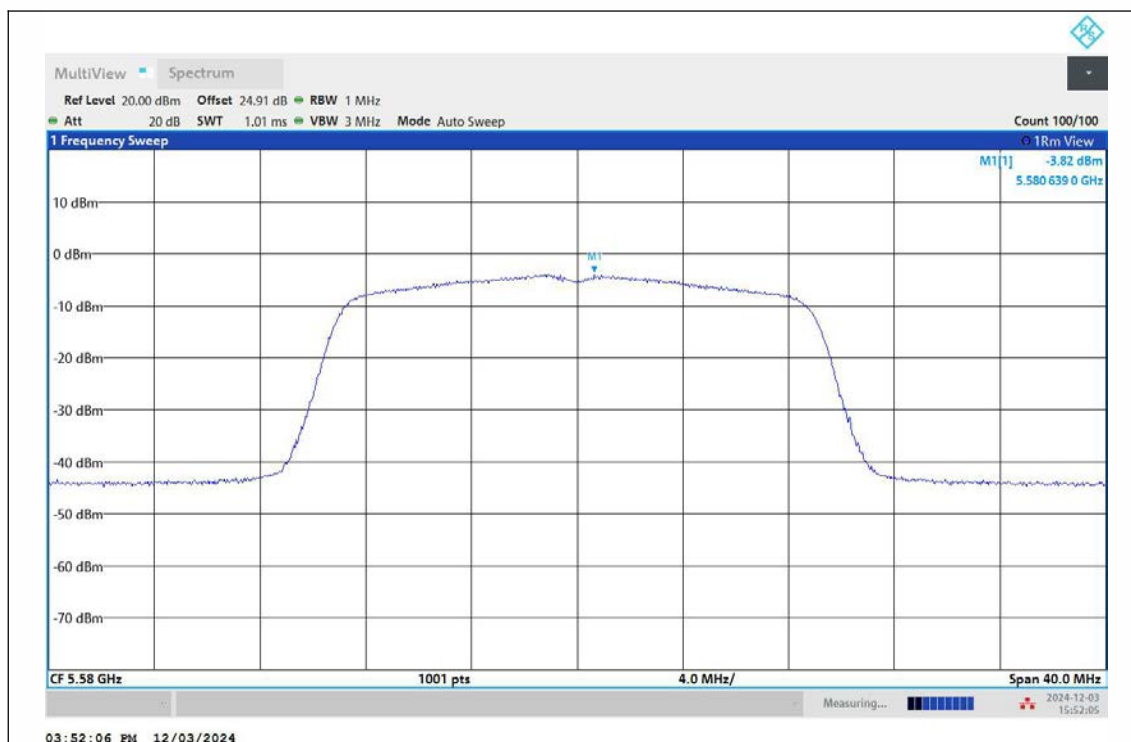
11N20MIMO-Ant2-5320-PASS



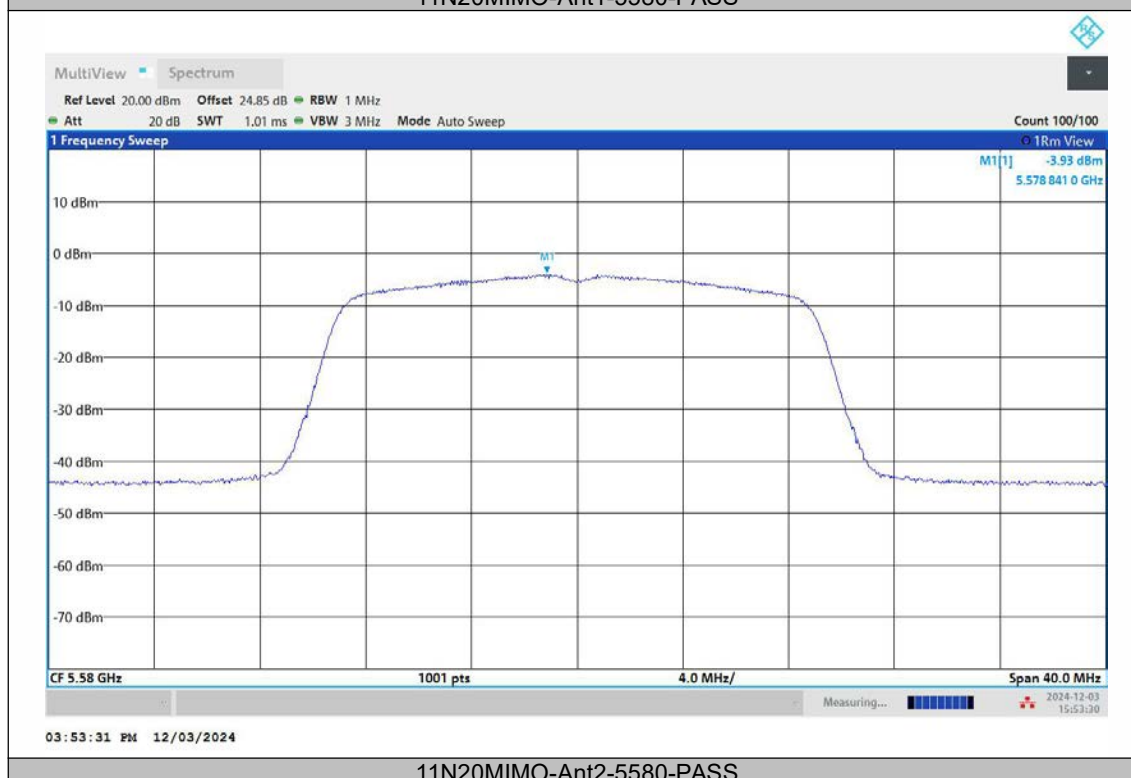
11N20MIMO-Ant1-5500-PASS



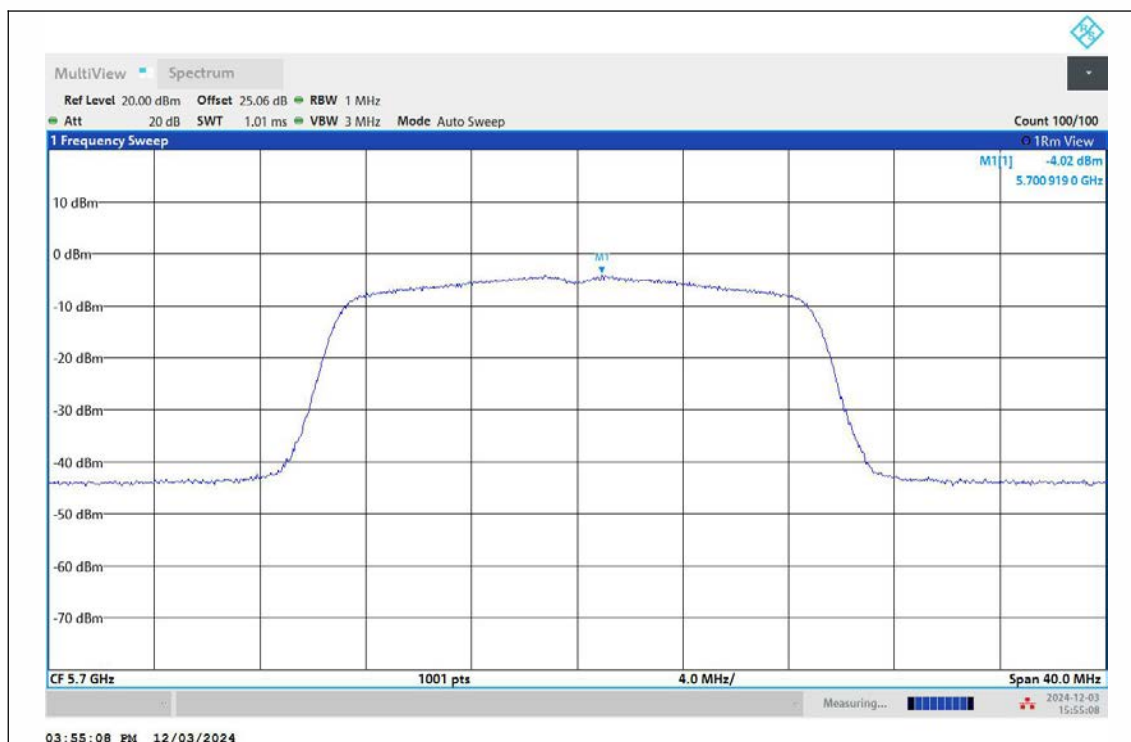
11N20MIMO-Ant2-5500-PASS



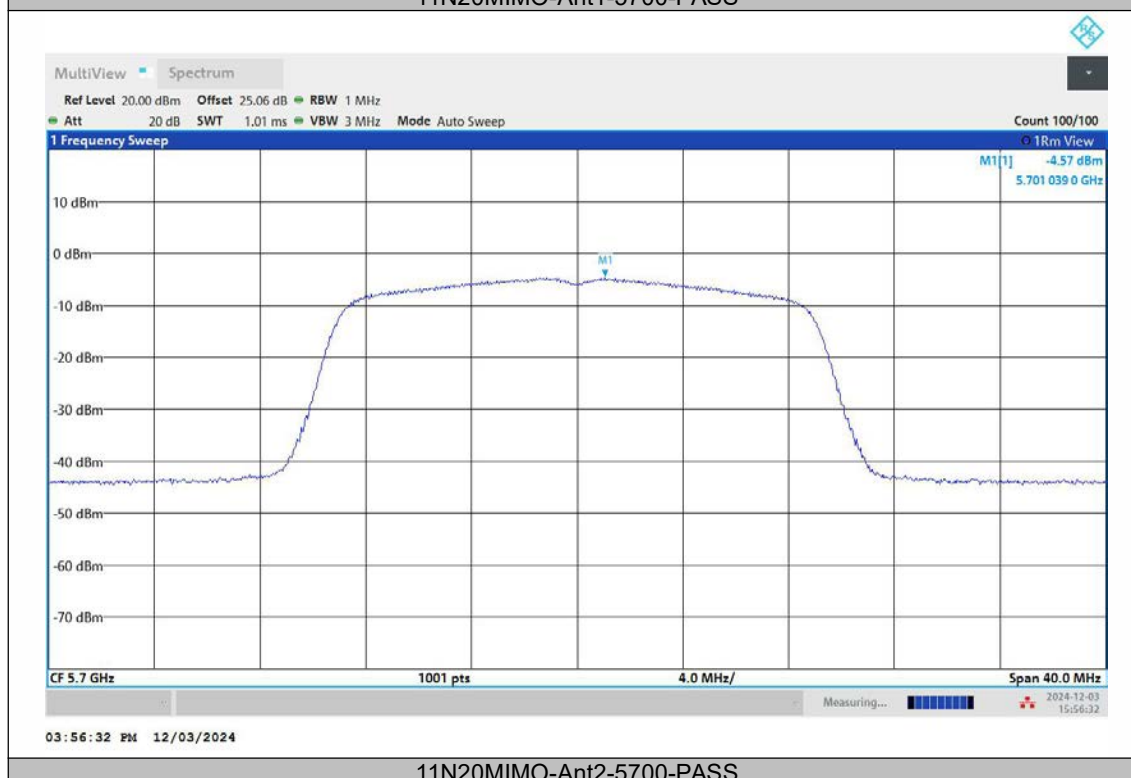
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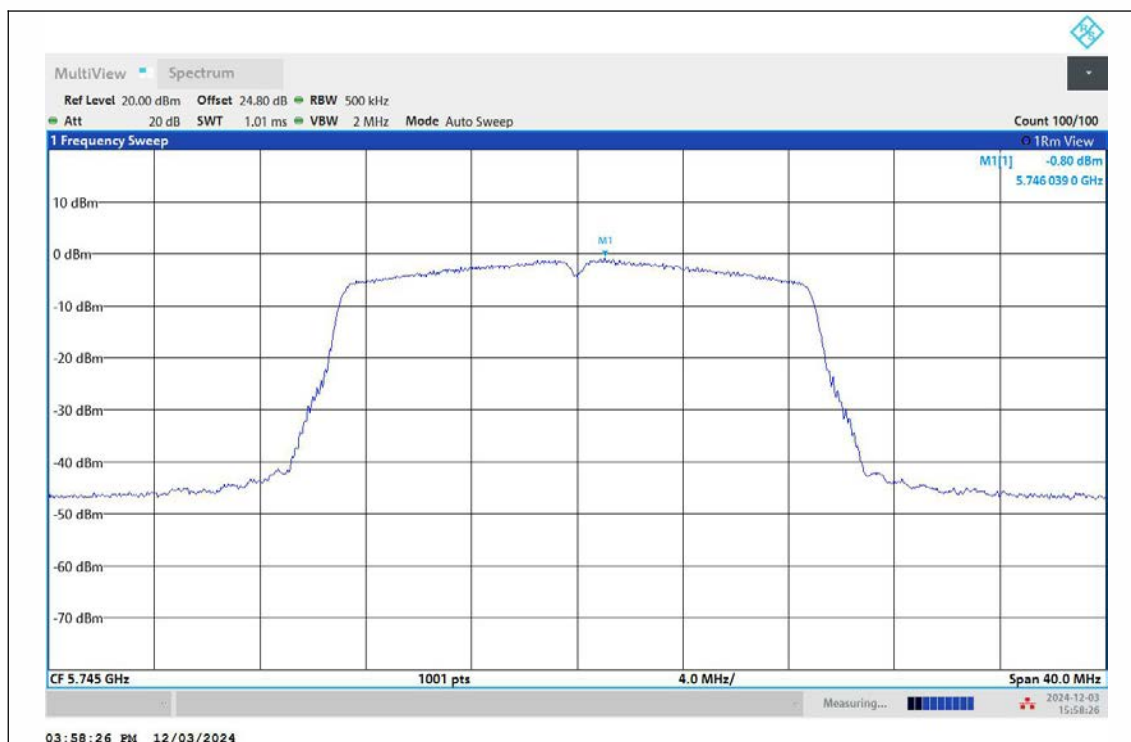
11N20MIMO-Ant2-5580-PASS



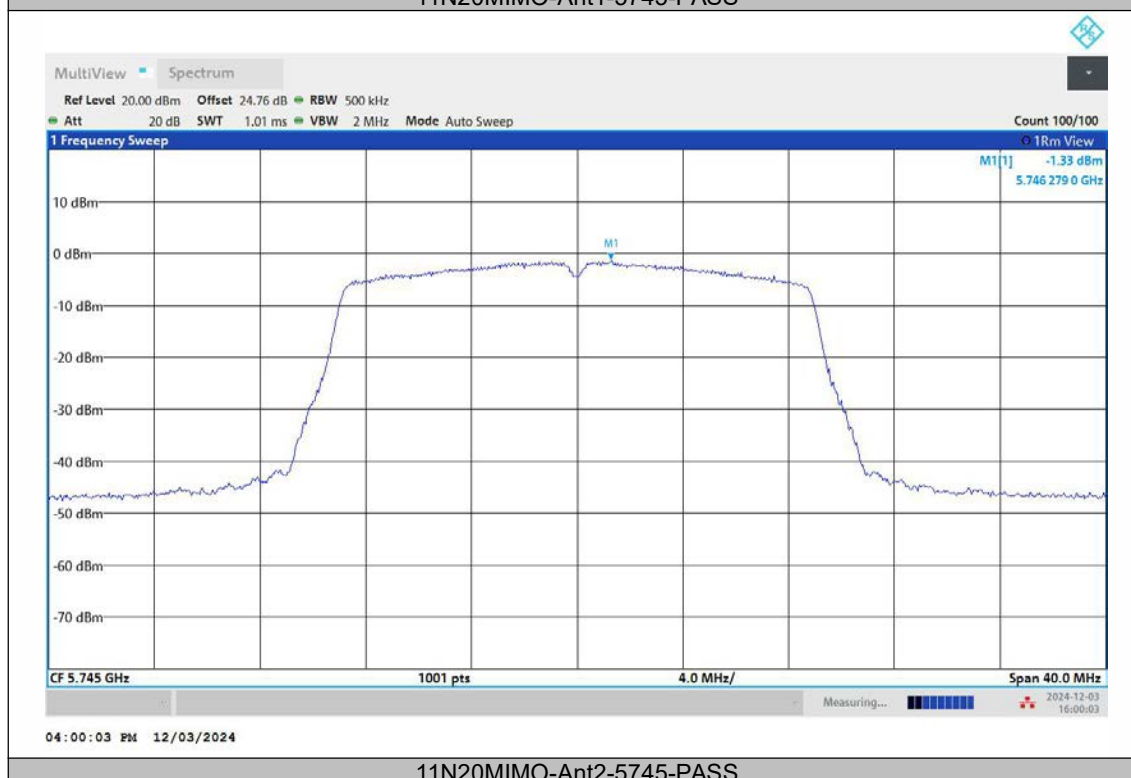
11N20MIMO-Ant1-5700-PASS



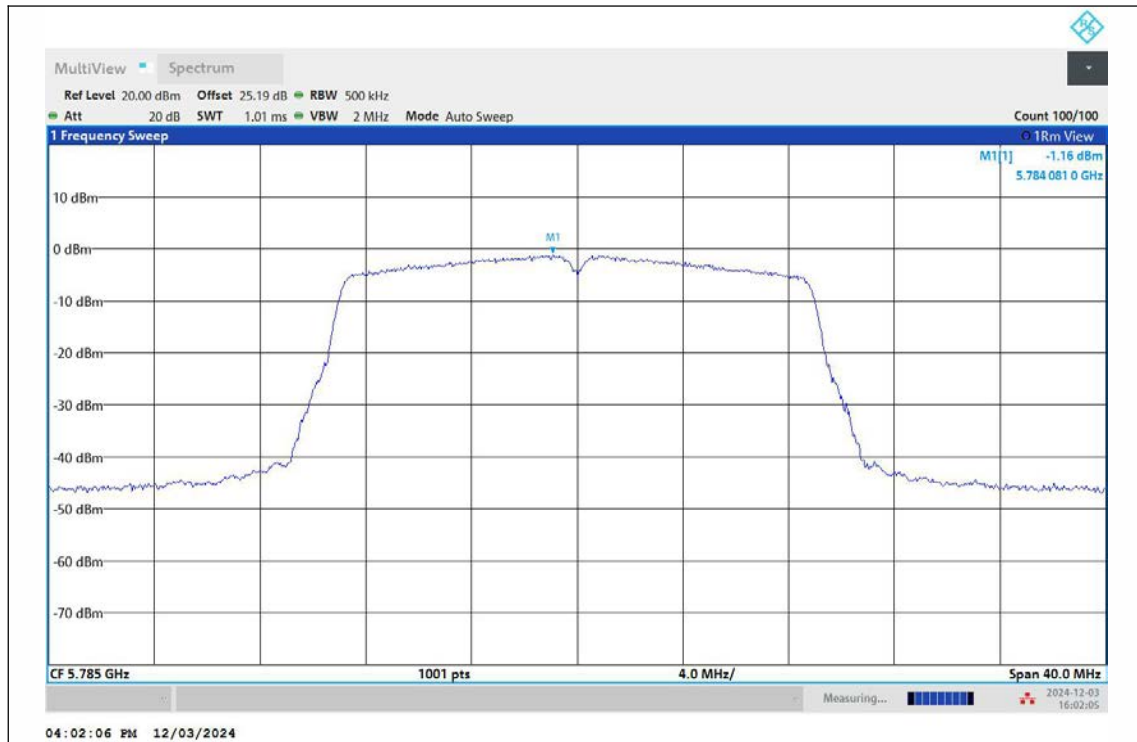
11N20MIMO-Ant2-5700-PASS



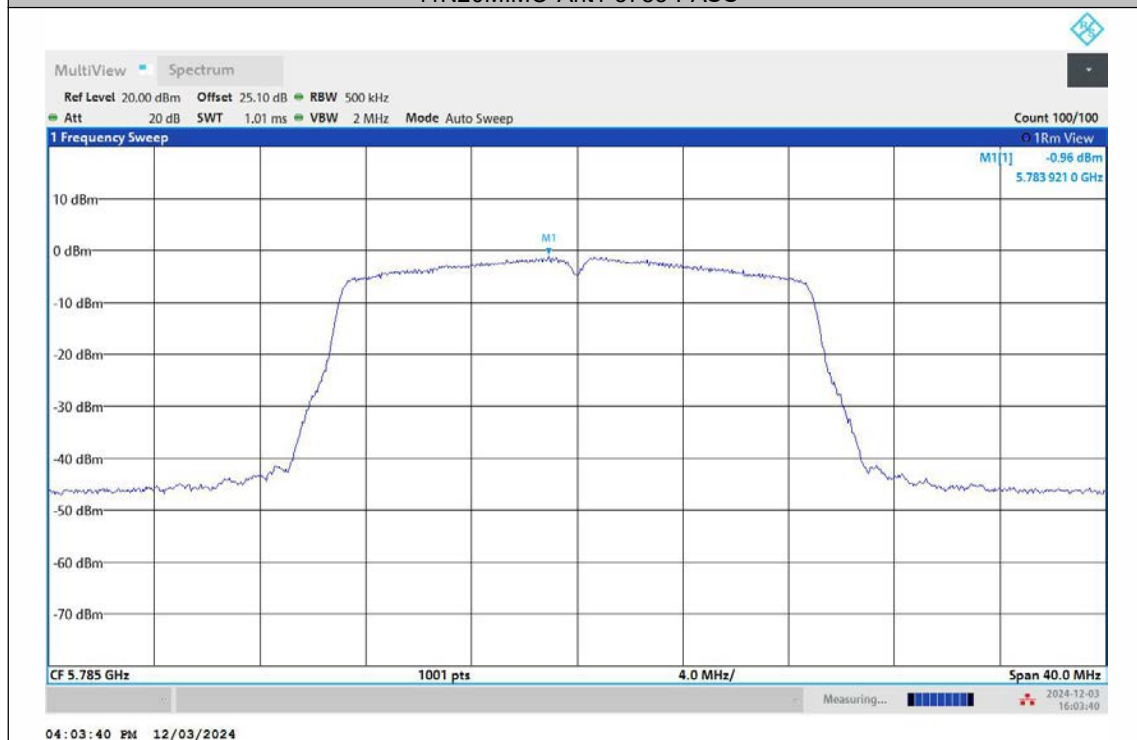
11N20MIMO-Ant1-5745-PASS



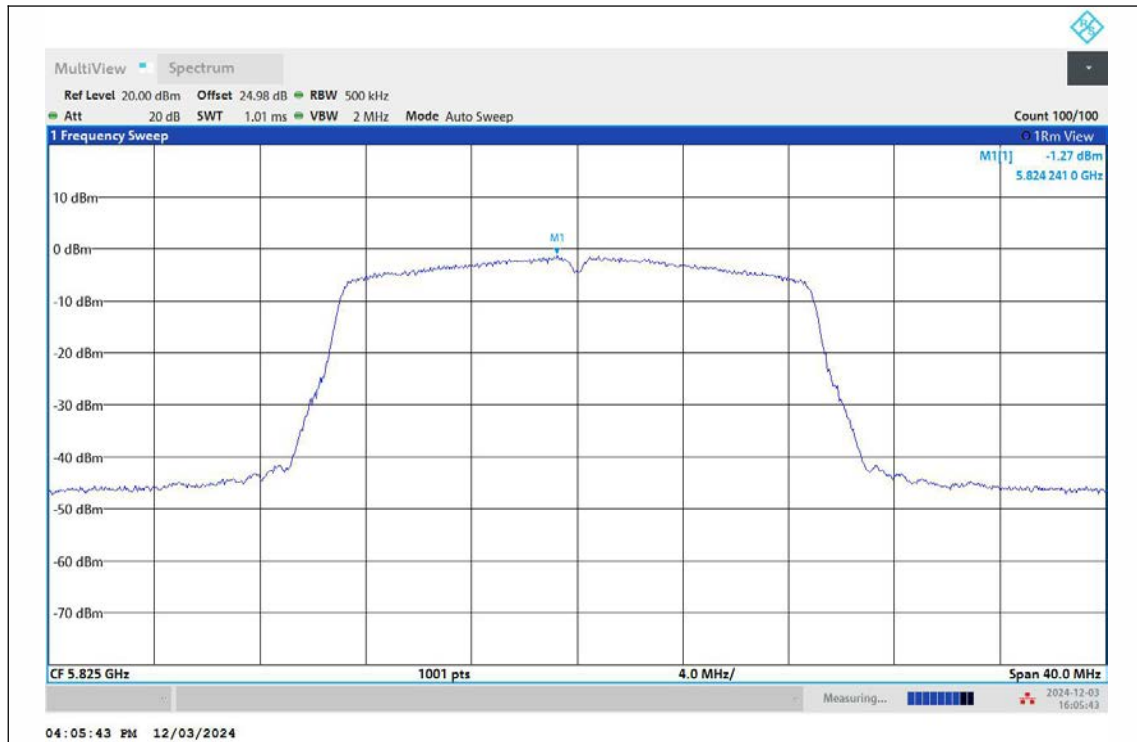
11N20MIMO-Ant2-5745-PASS



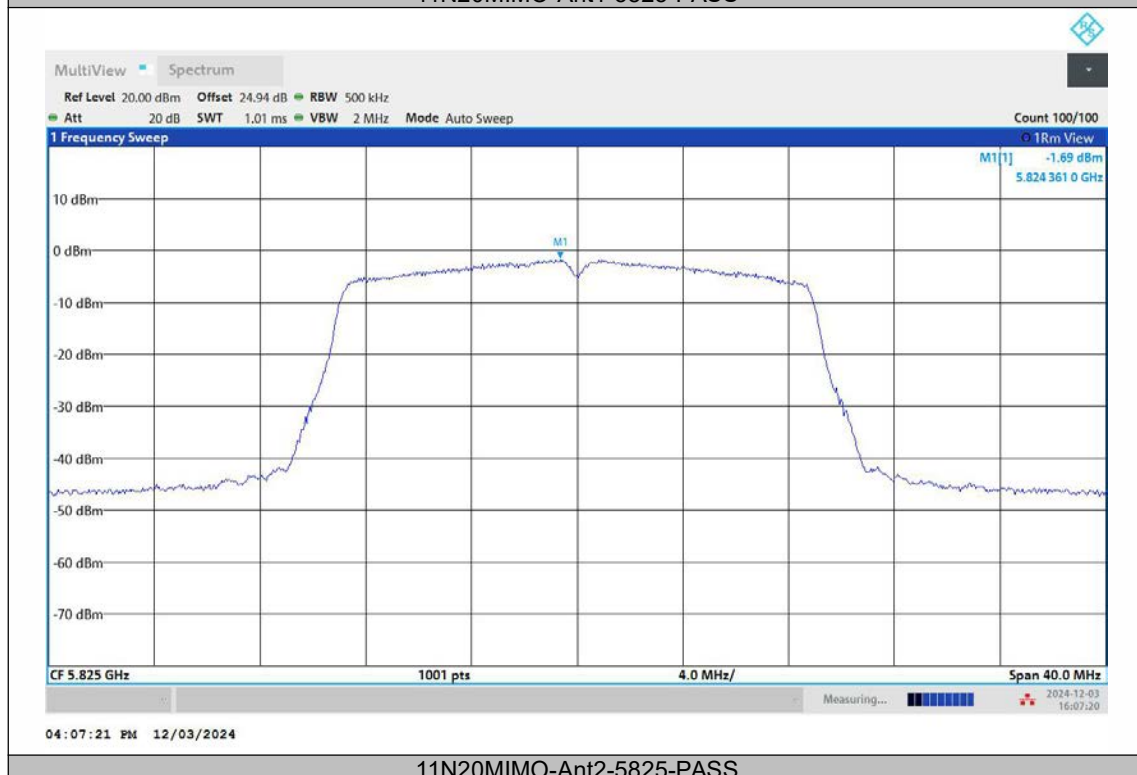
11N20MIMO-Ant1-5785-PASS



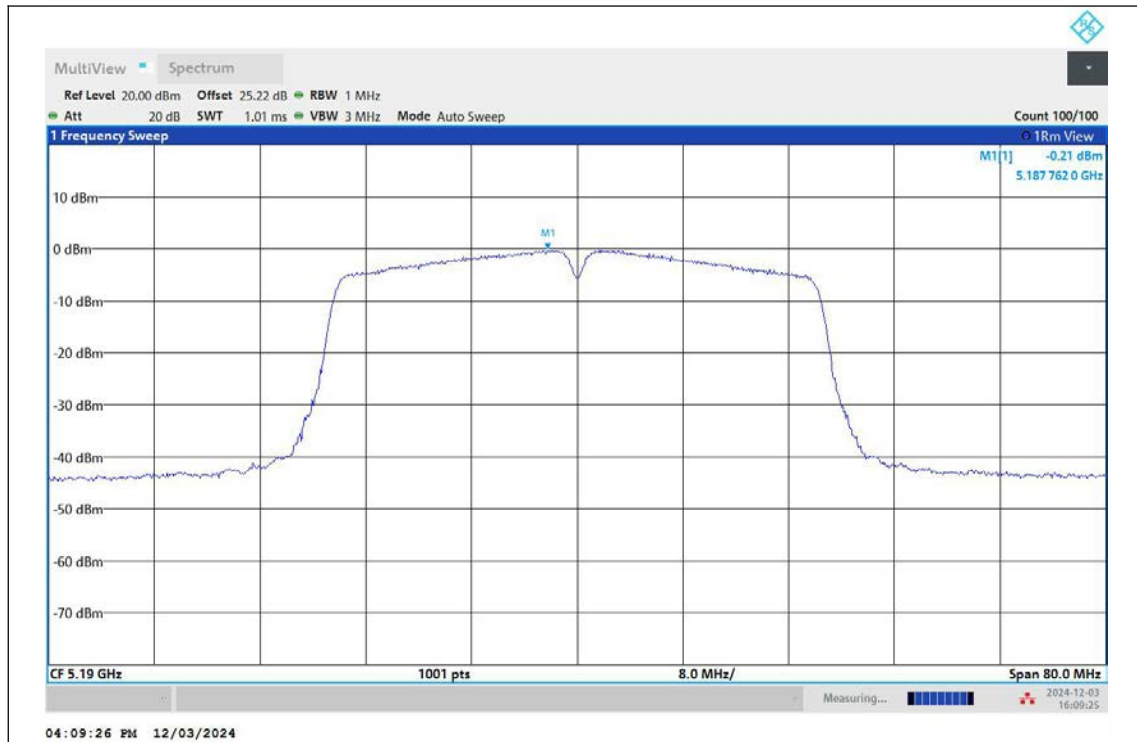
11N20MIMO-Ant2-5785-PASS



11N20MIMO-Ant1-5825-PASS



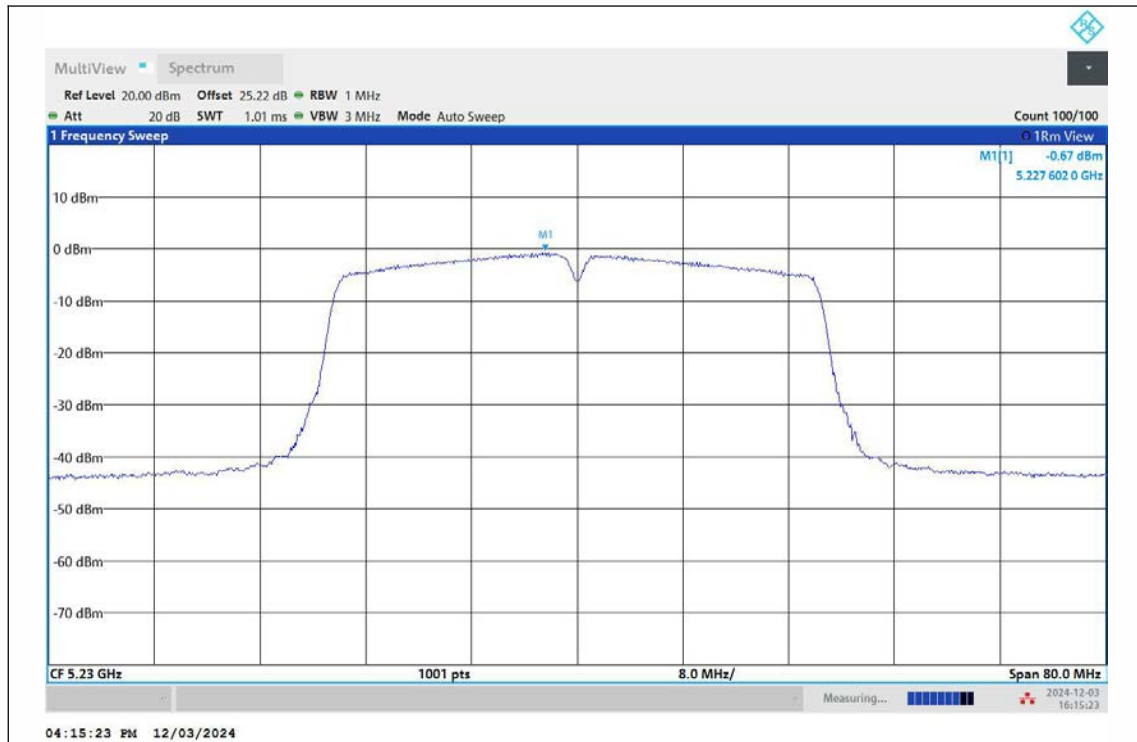
11N20MIMO-Ant2-5825-PASS



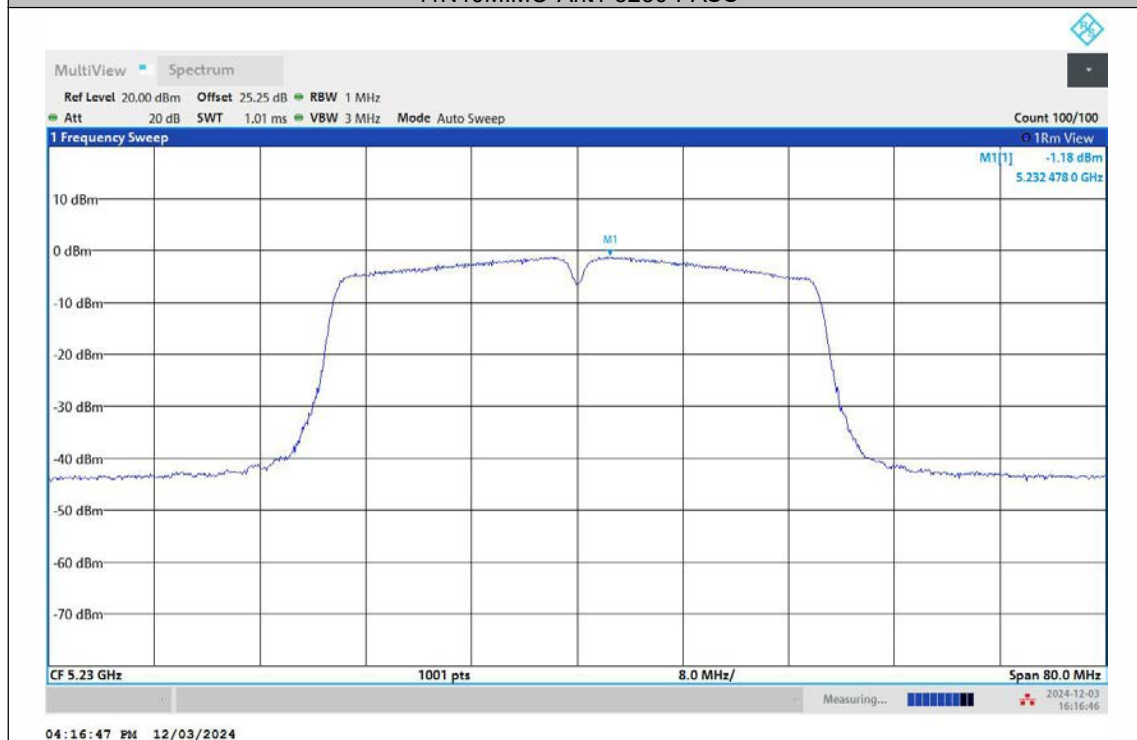
11N40MIMO-Ant1-5190-PASS



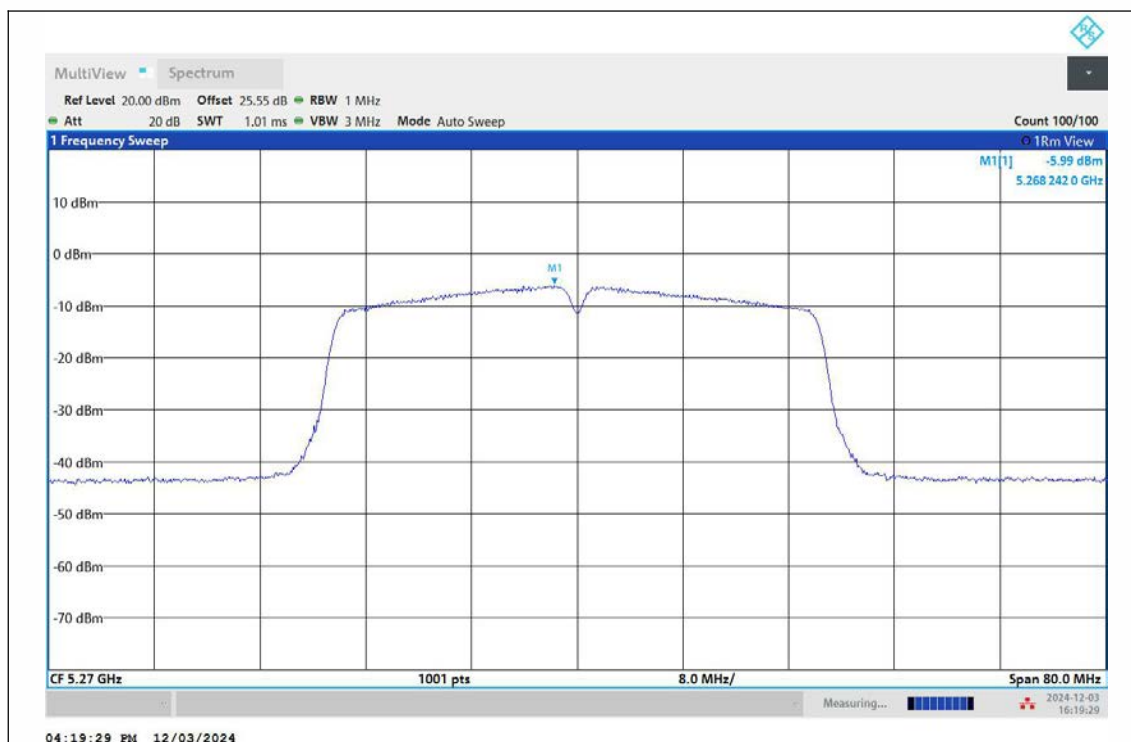
11N40MIMO-Ant2-5190-PASS



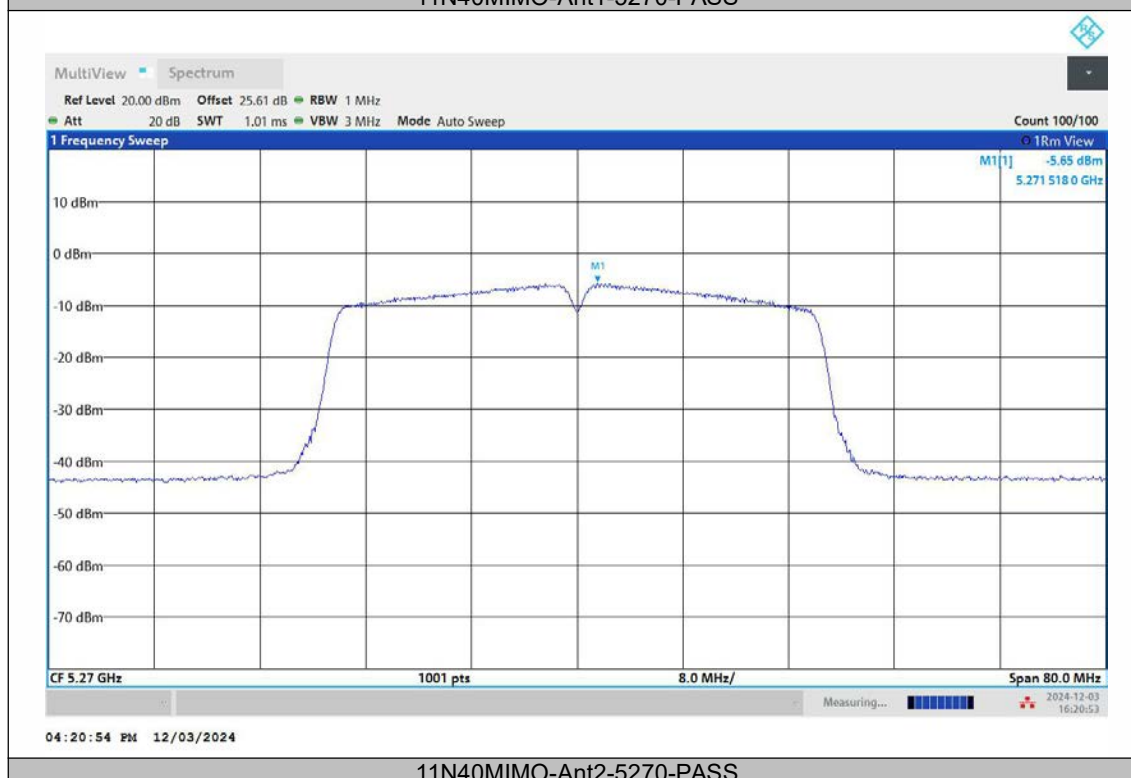
11N40MIMO-Ant1-5230-PASS



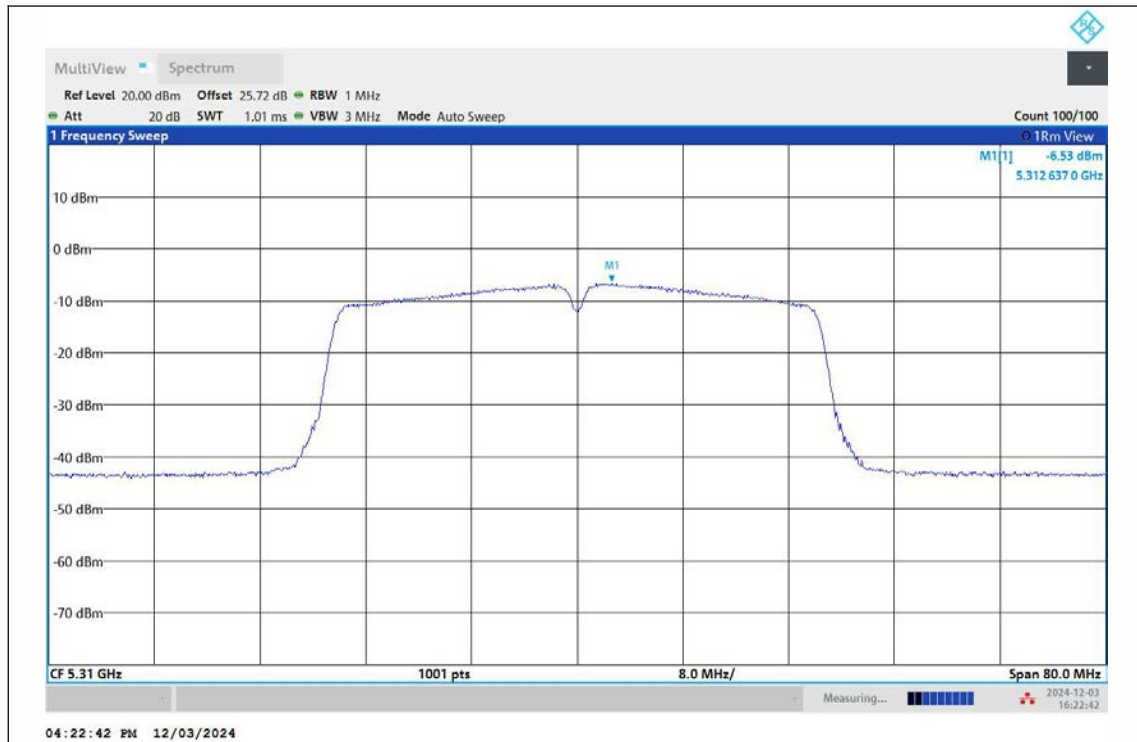
11N40MIMO-Ant2-5230-PASS



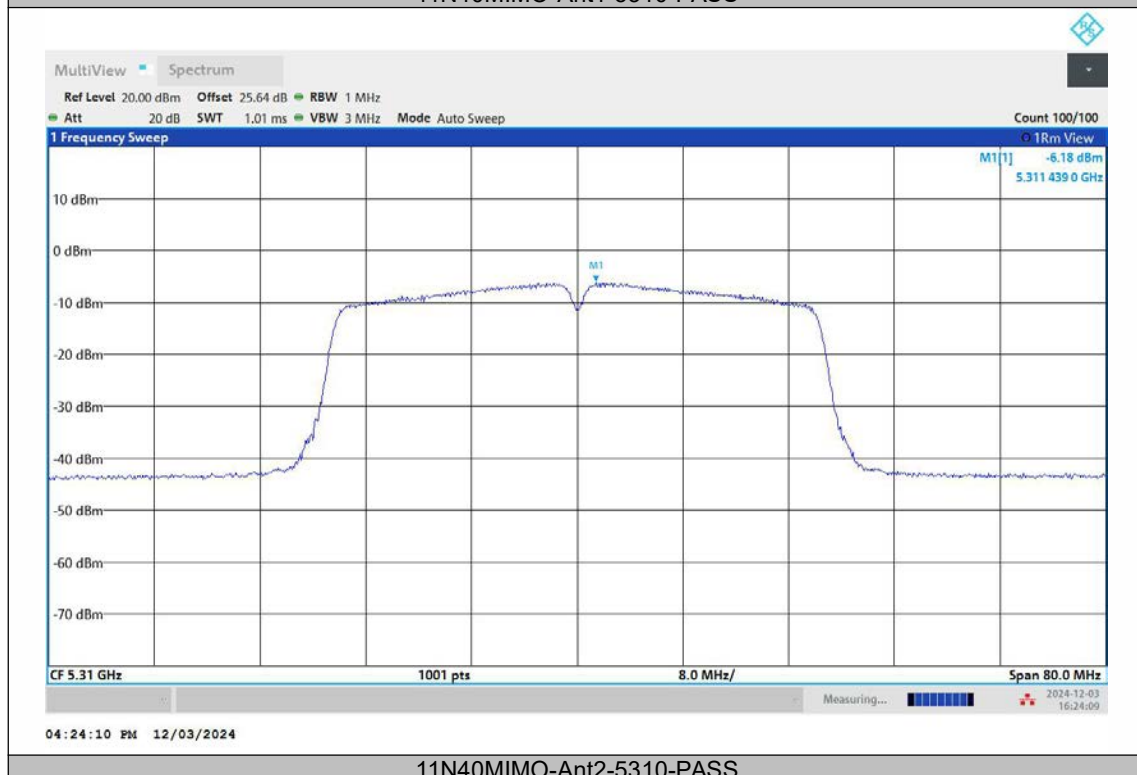
11N40MIMO-Ant1-5270-PASS



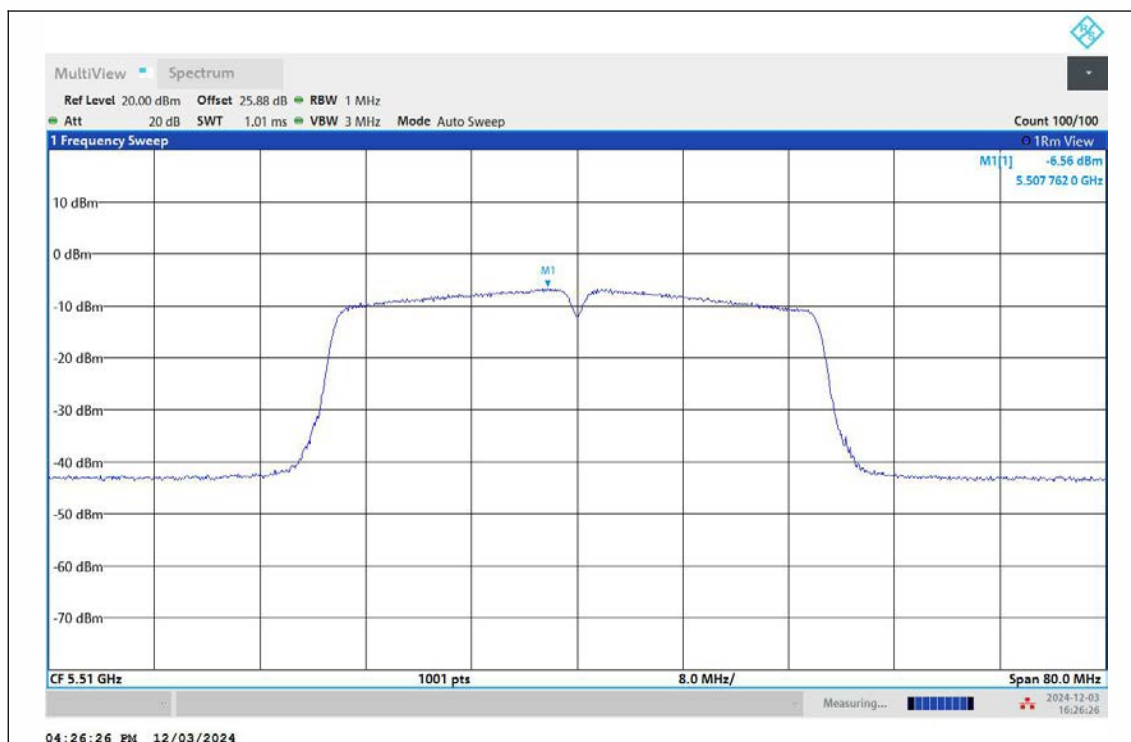
11N40MIMO-Ant2-5270-PASS



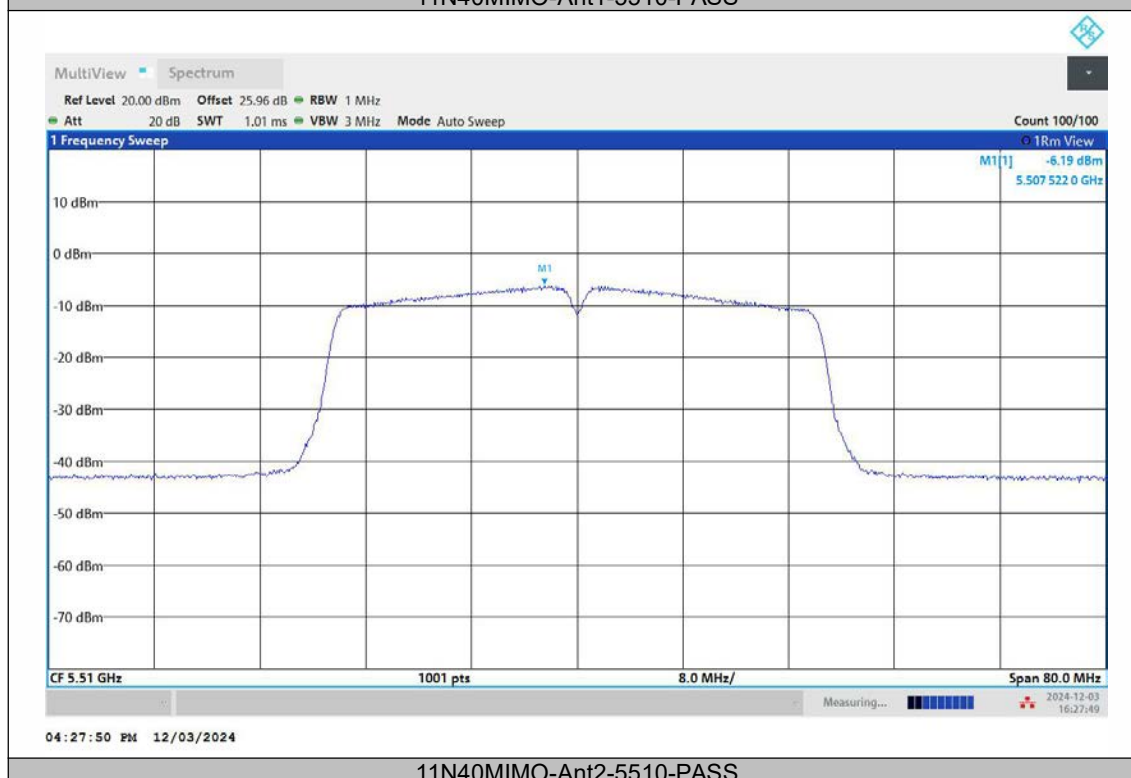
11N40MIMO-Ant1-5310-PASS



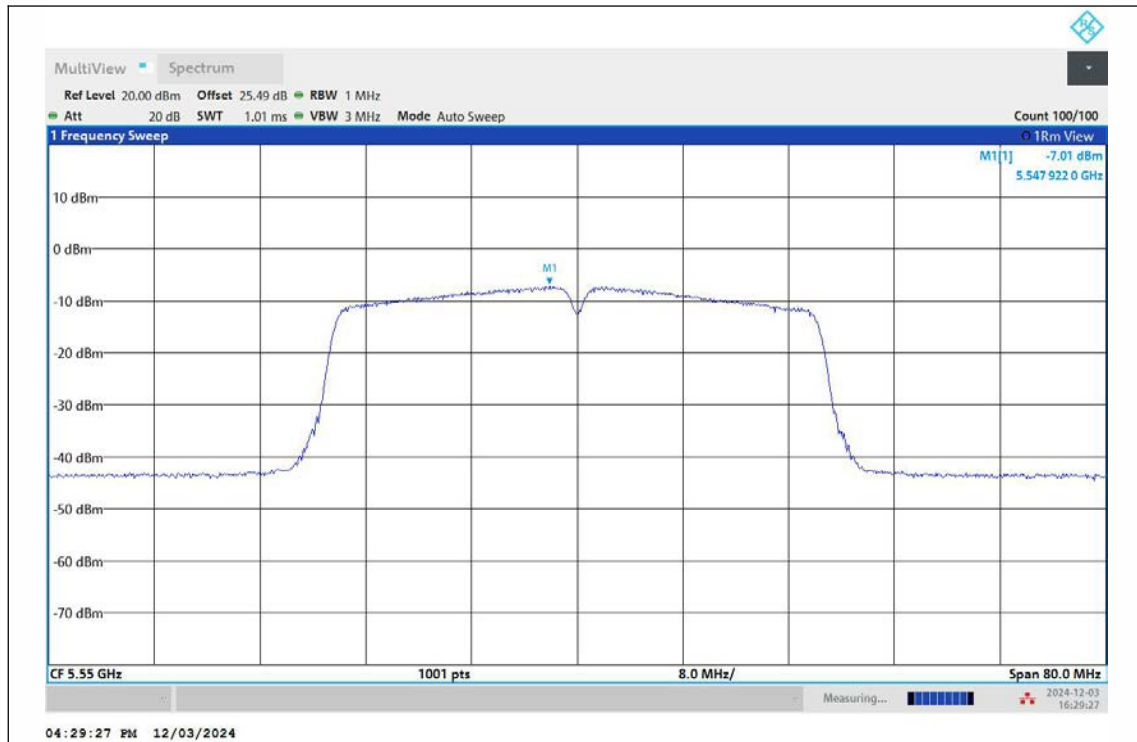
11N40MIMO-Ant2-5310-PASS



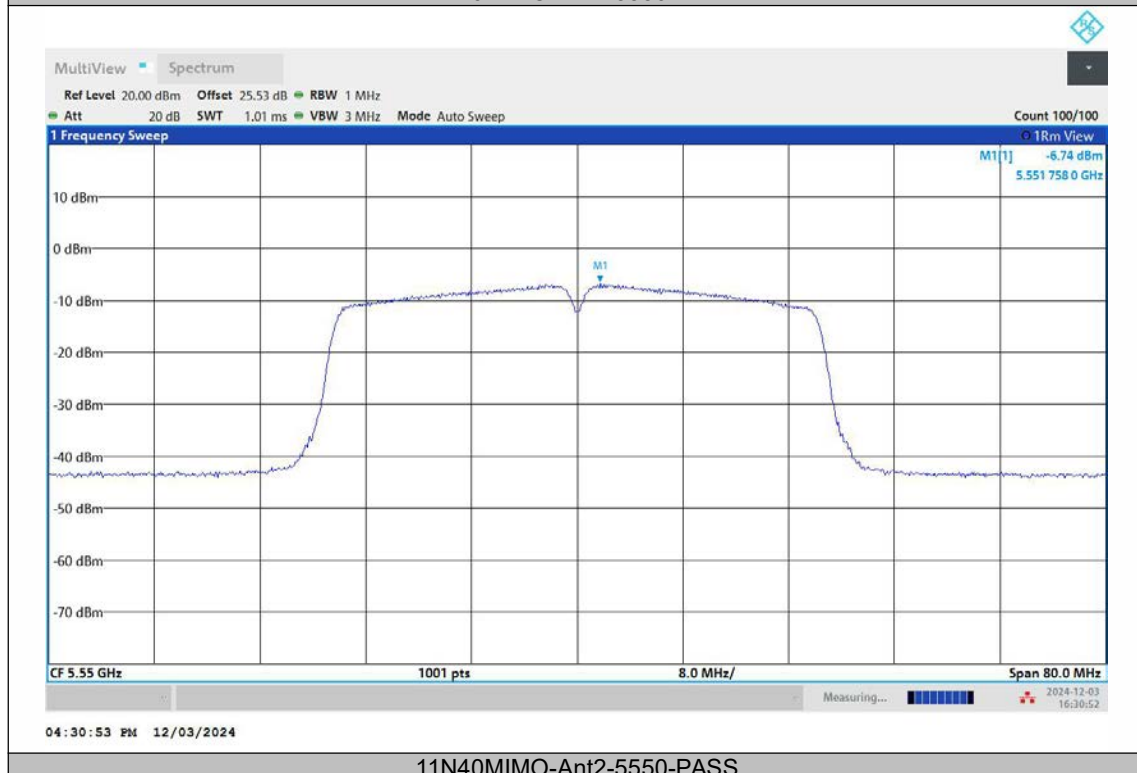
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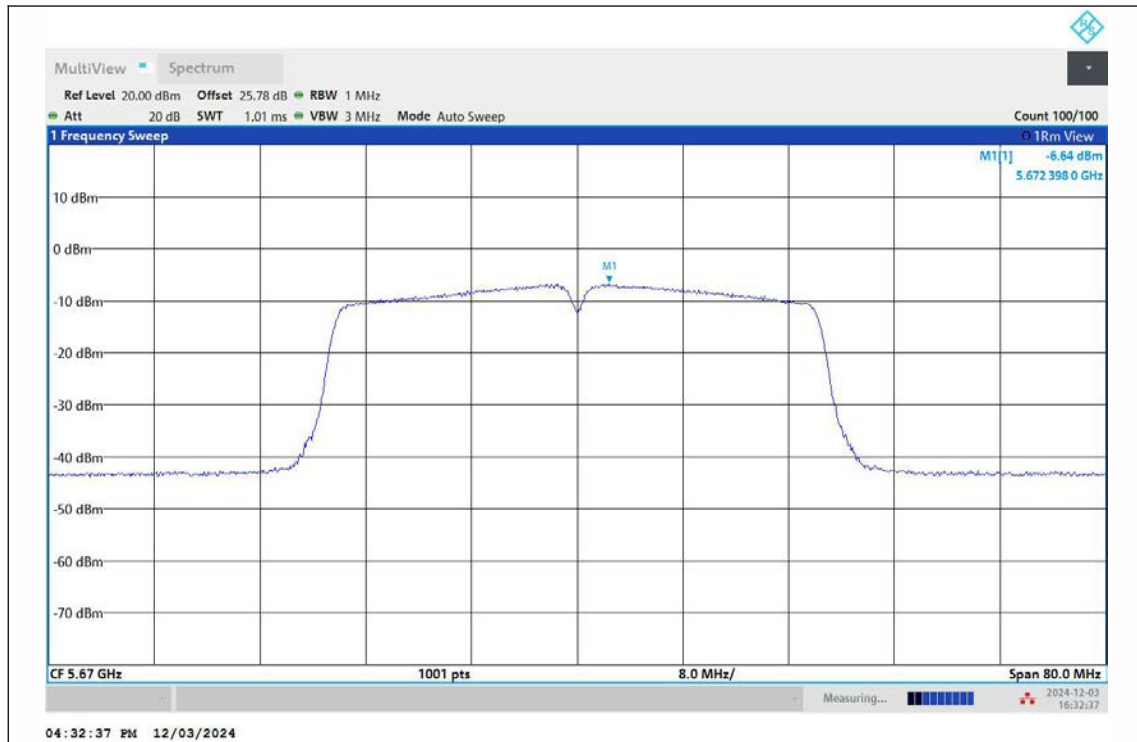
11N40MIMO-Ant2-5510-PASS



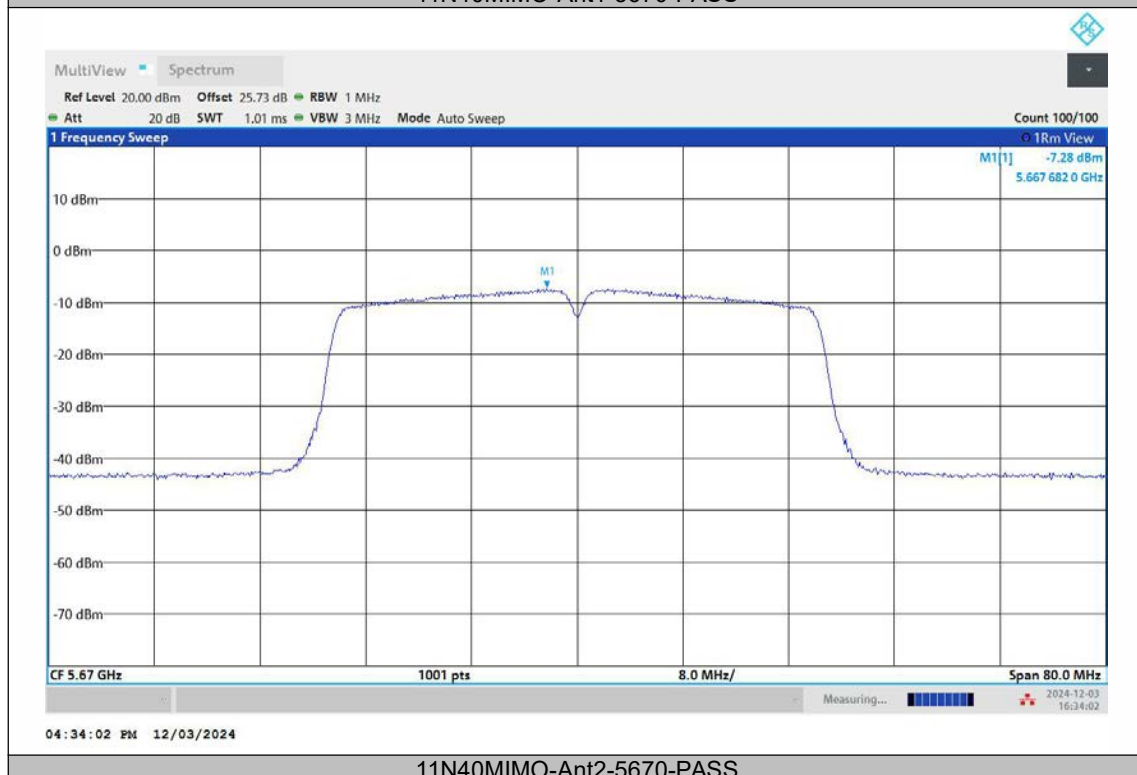
11N40MIMO-Ant1-5550-PASS



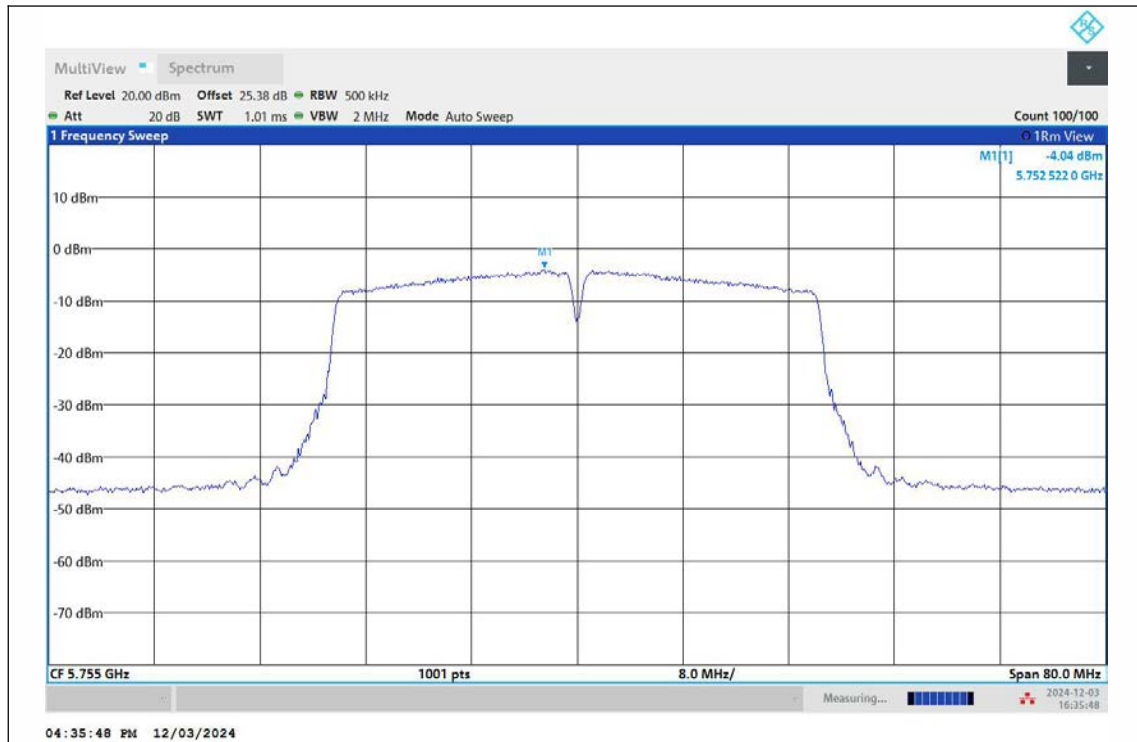
11N40MIMO-Ant2-5550-PASS



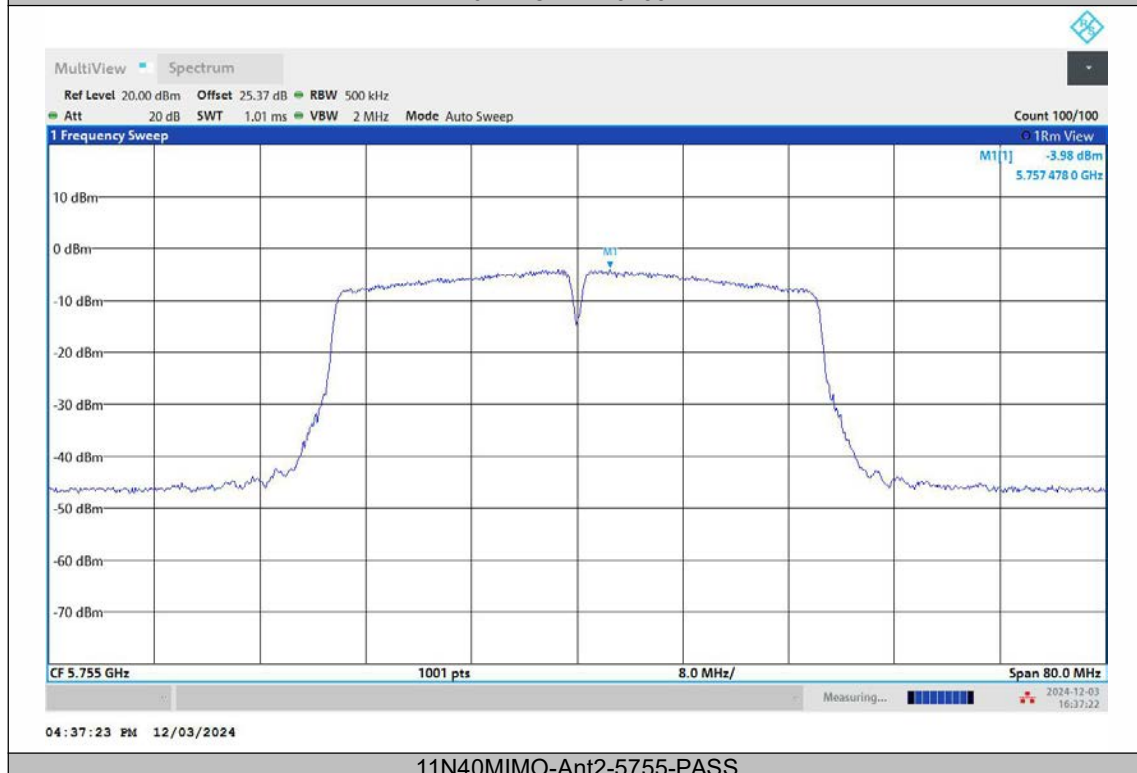
11N40MIMO-Ant1-5670-PASS



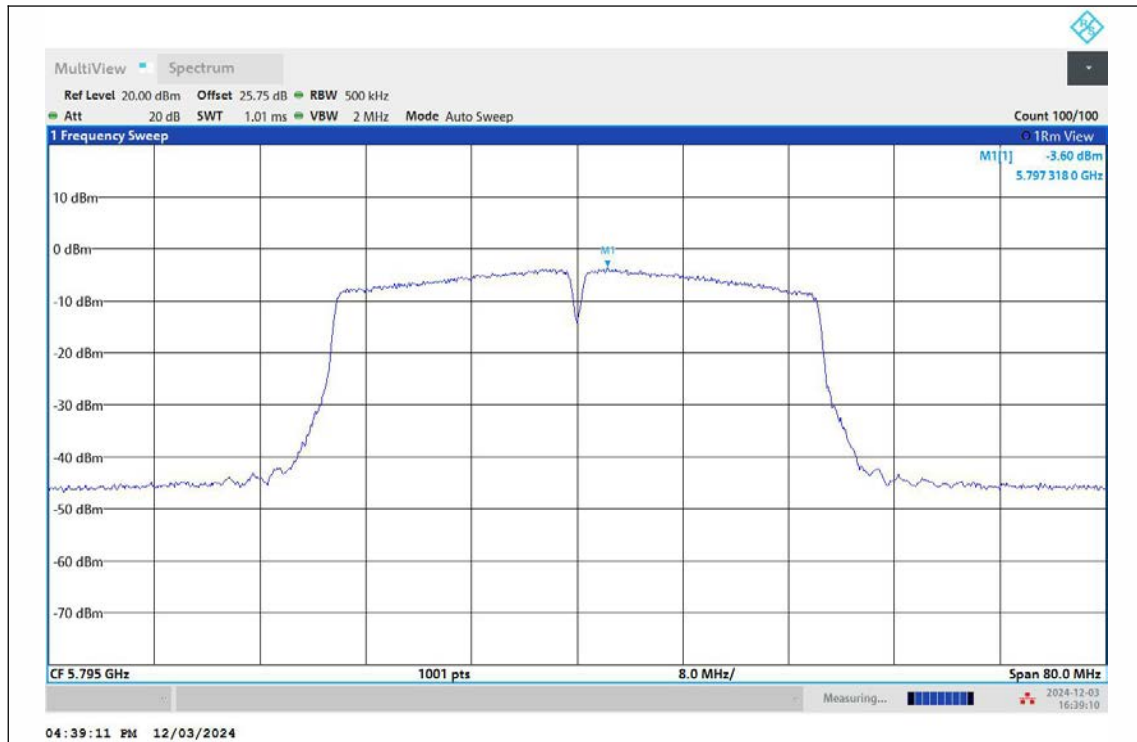
11N40MIMO-Ant2-5670-PASS



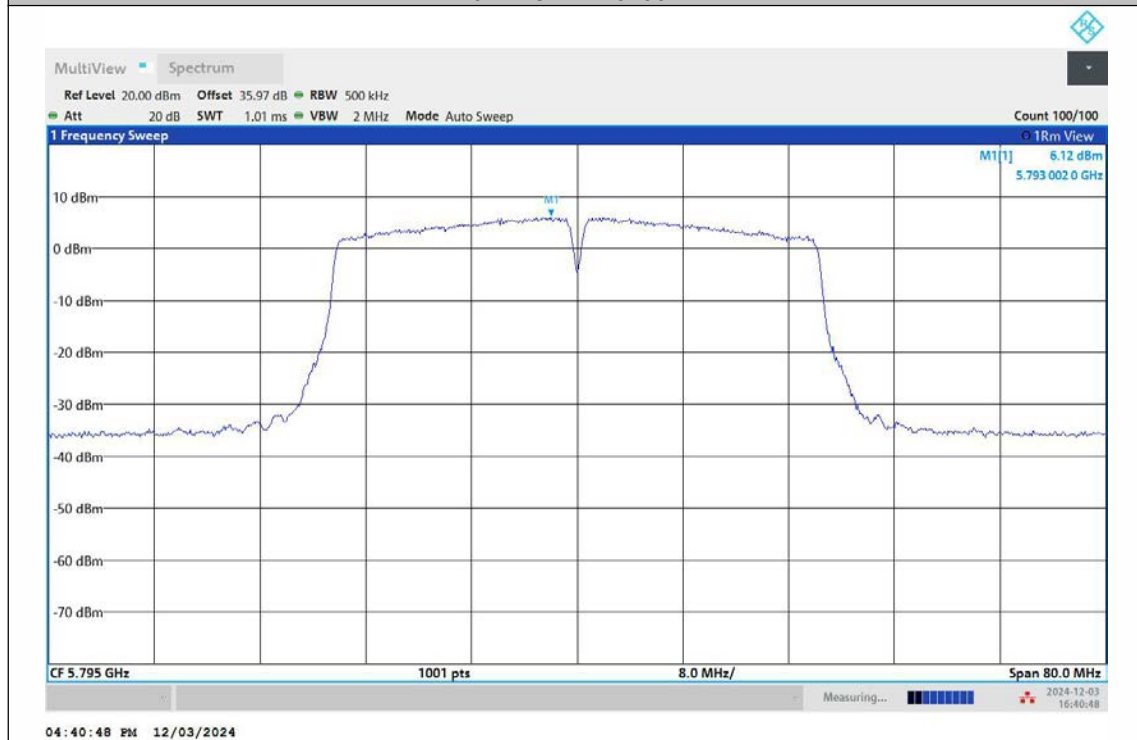
11N40MIMO-Ant1-5755-PASS



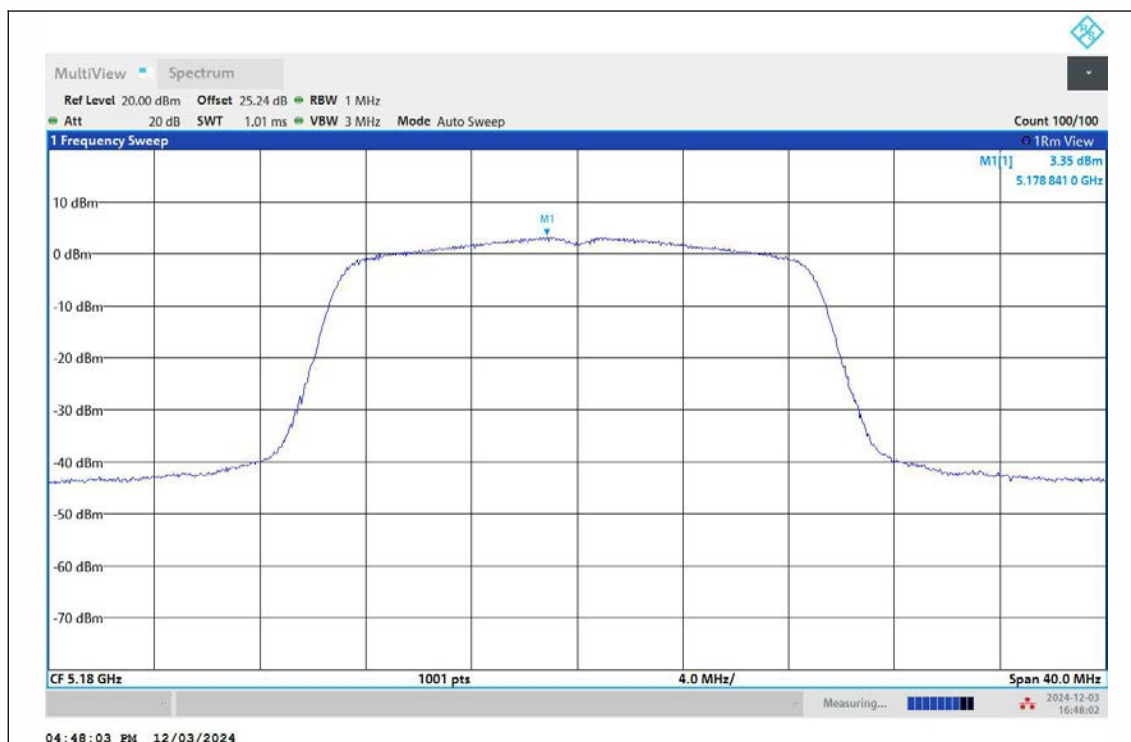
11N40MIMO-Ant2-5755-PASS



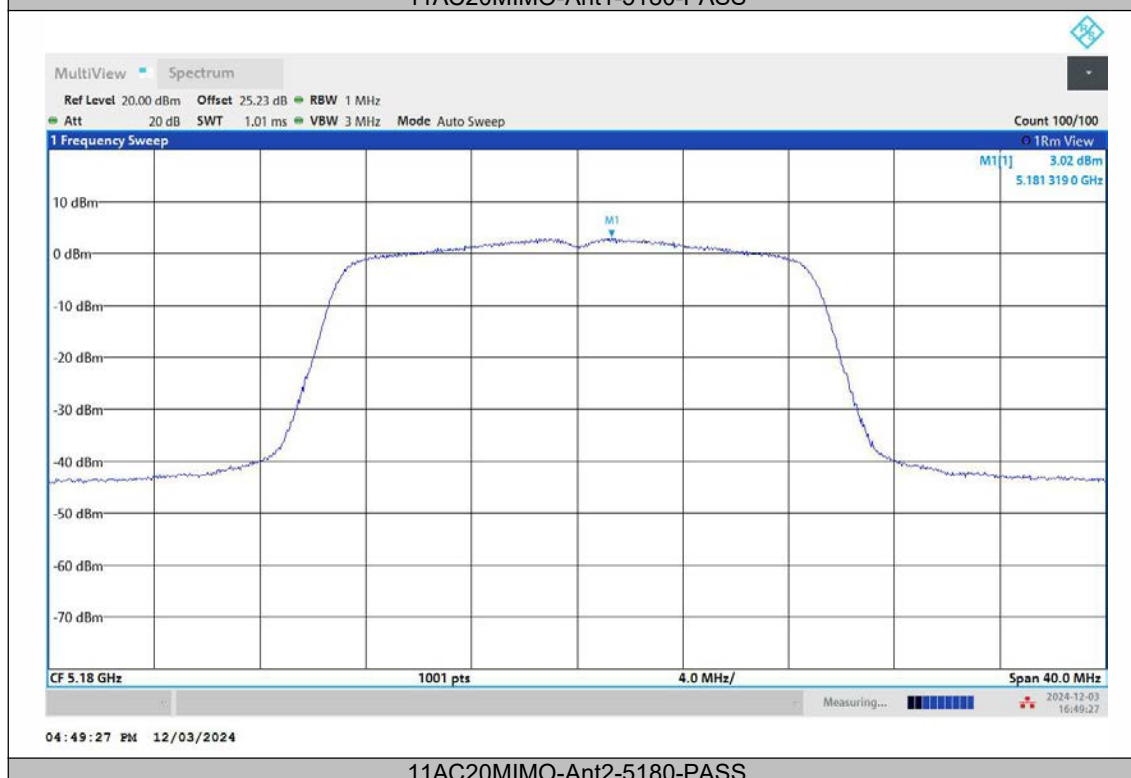
11N40MIMO-Ant1-5795-PASS



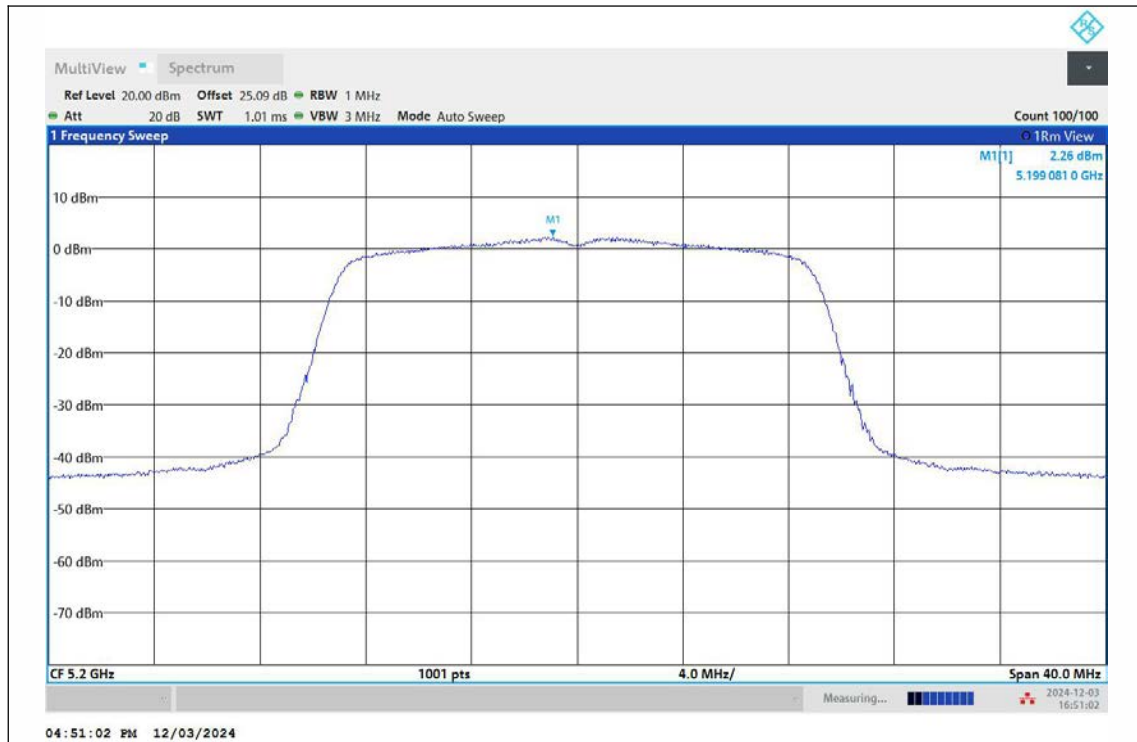
11N40MIMO-Ant2-5795-PASS



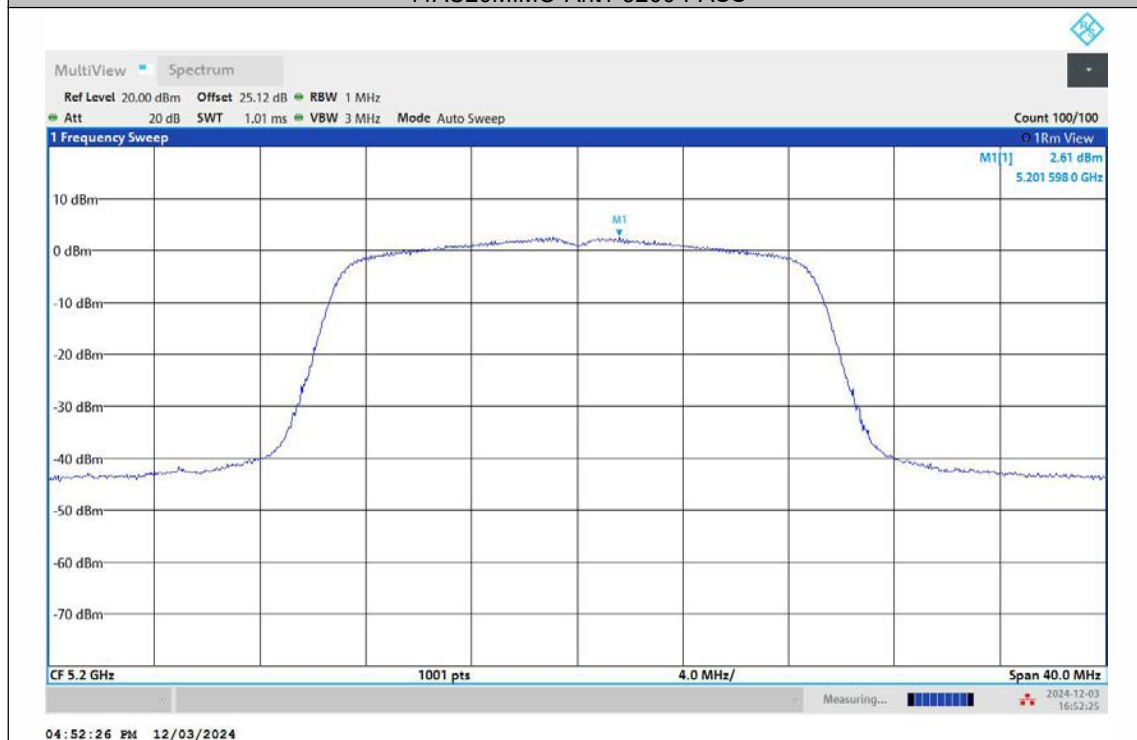
11AC20MIMO-Ant1-5180-PASS



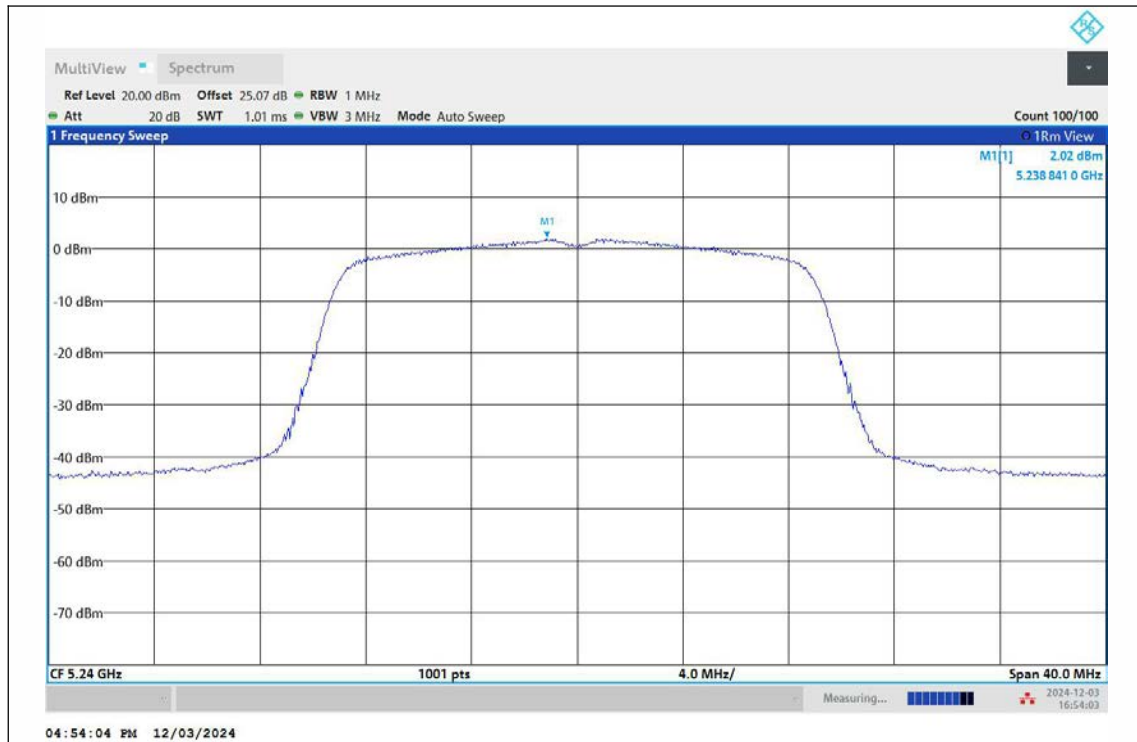
11AC20MIMO-Ant2-5180-PASS



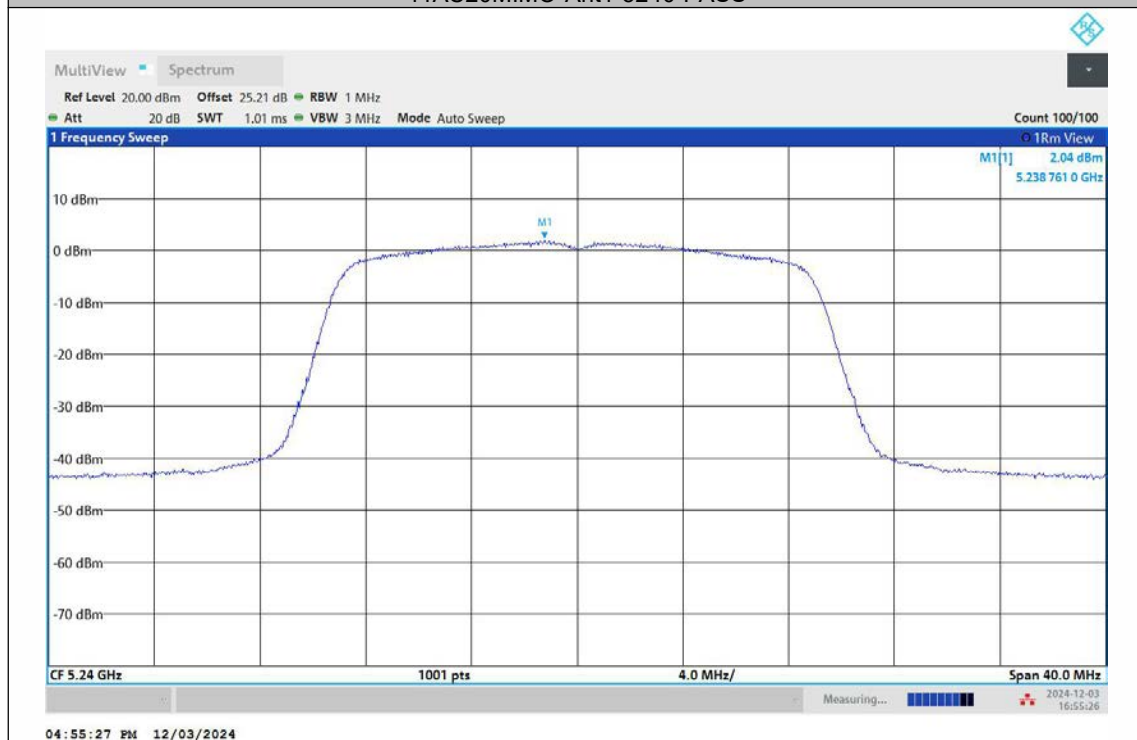
11AC20MIMO-Ant1-5200-PASS



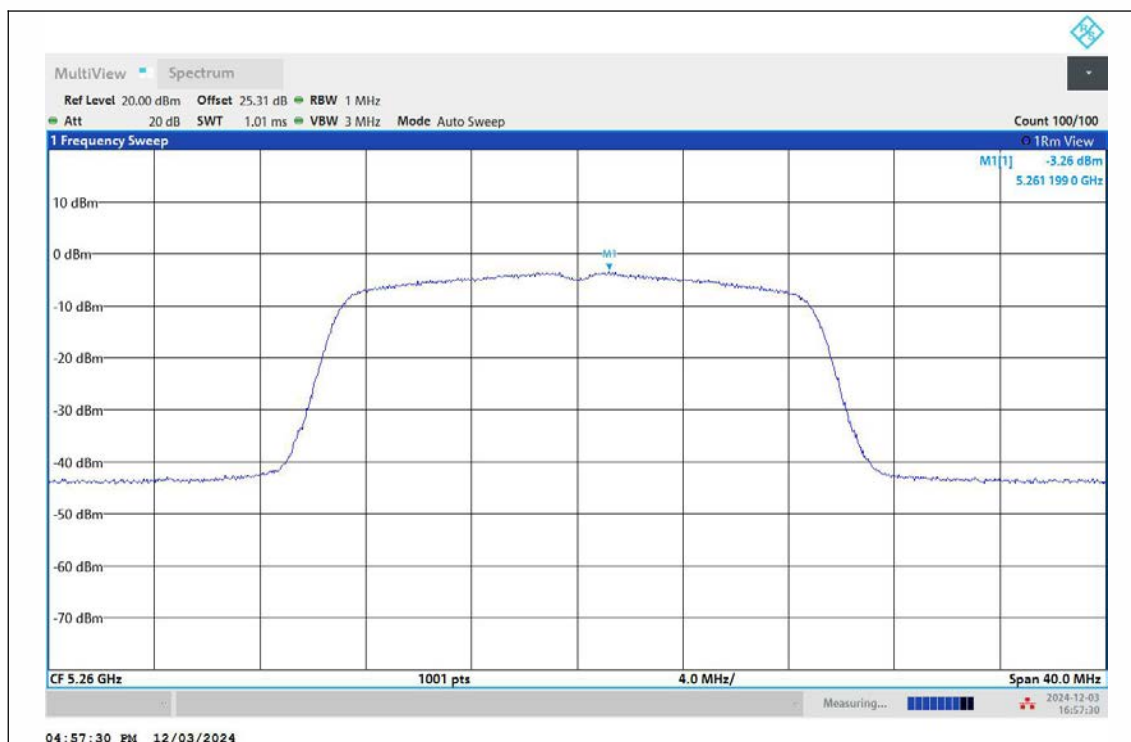
11AC20MIMO-Ant2-5200-PASS



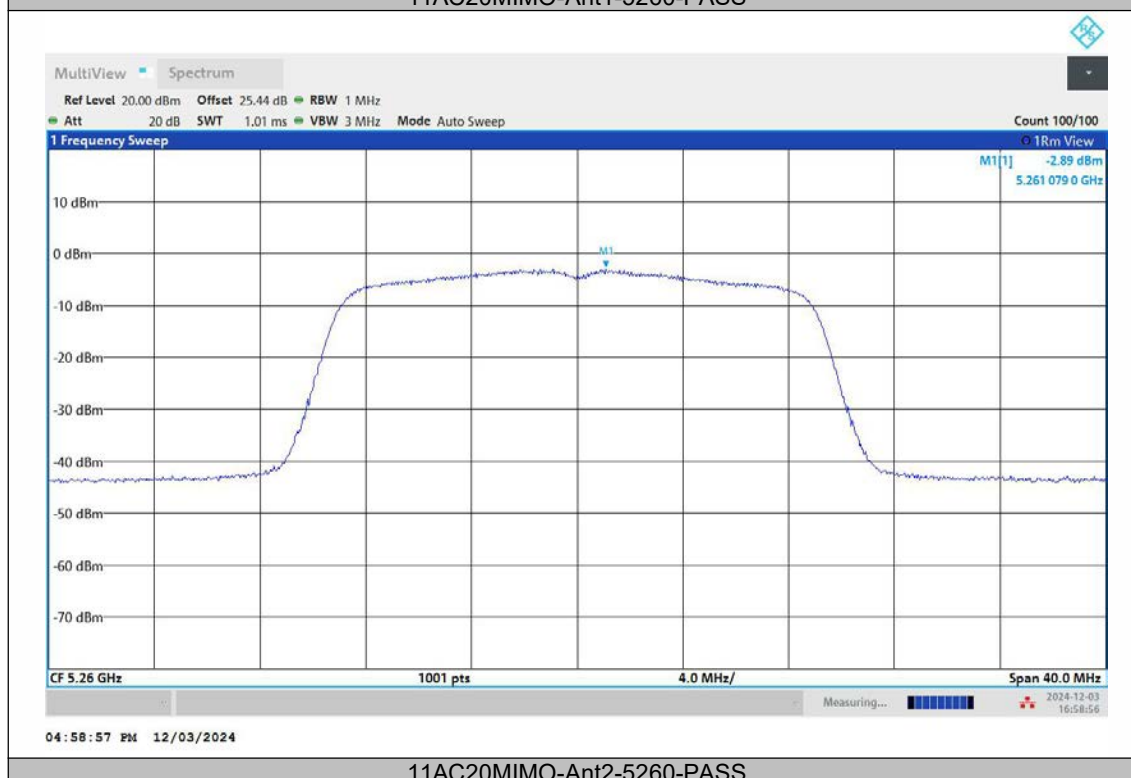
11AC20MIMO-Ant1-5240-PASS



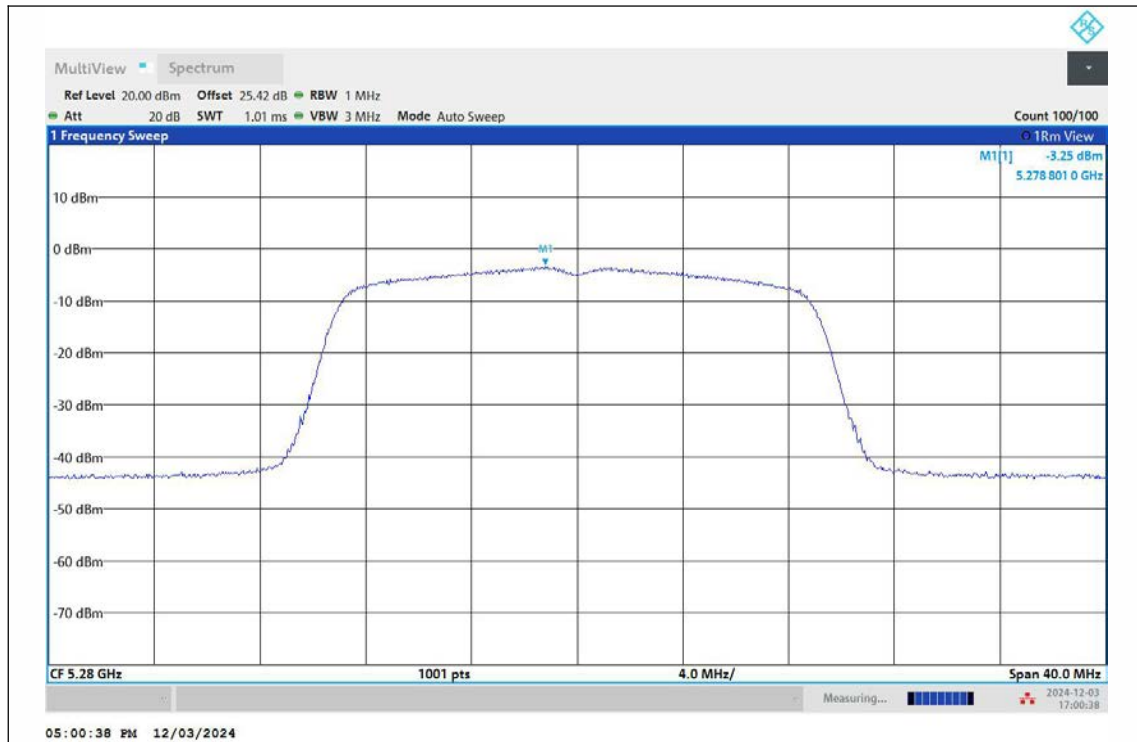
11AC20MIMO-Ant2-5240-PASS



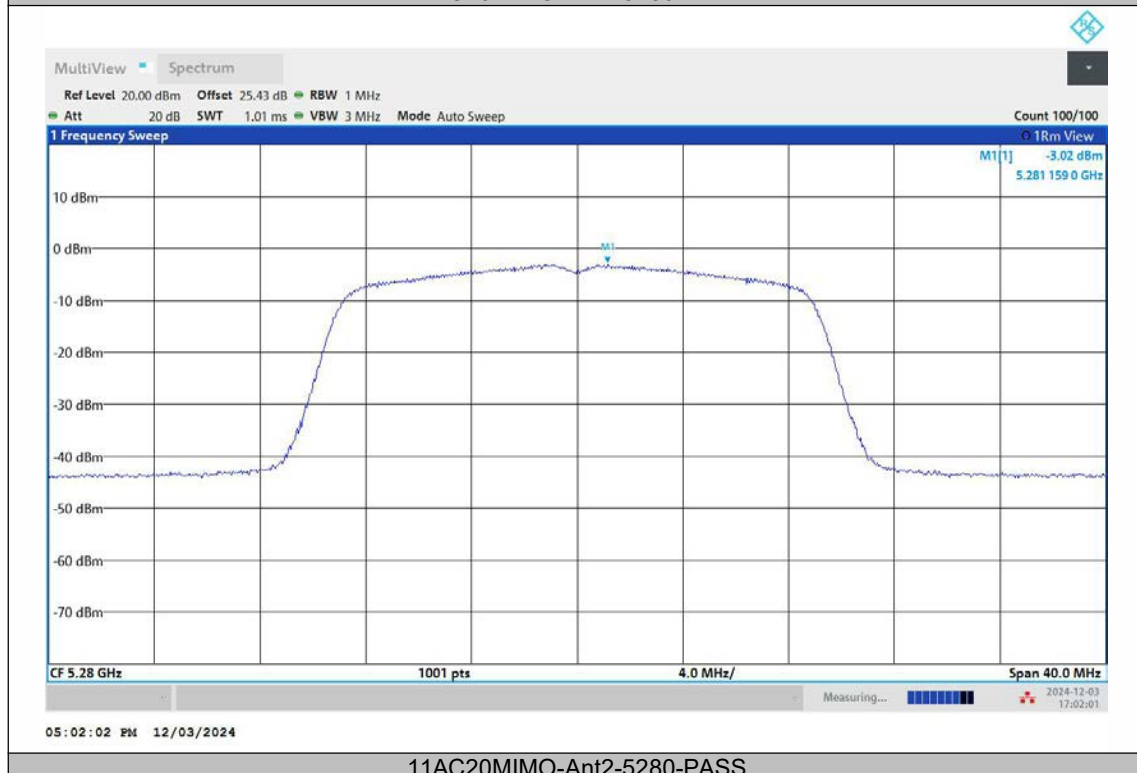
11AC20MIMO-Ant1-5260-PASS



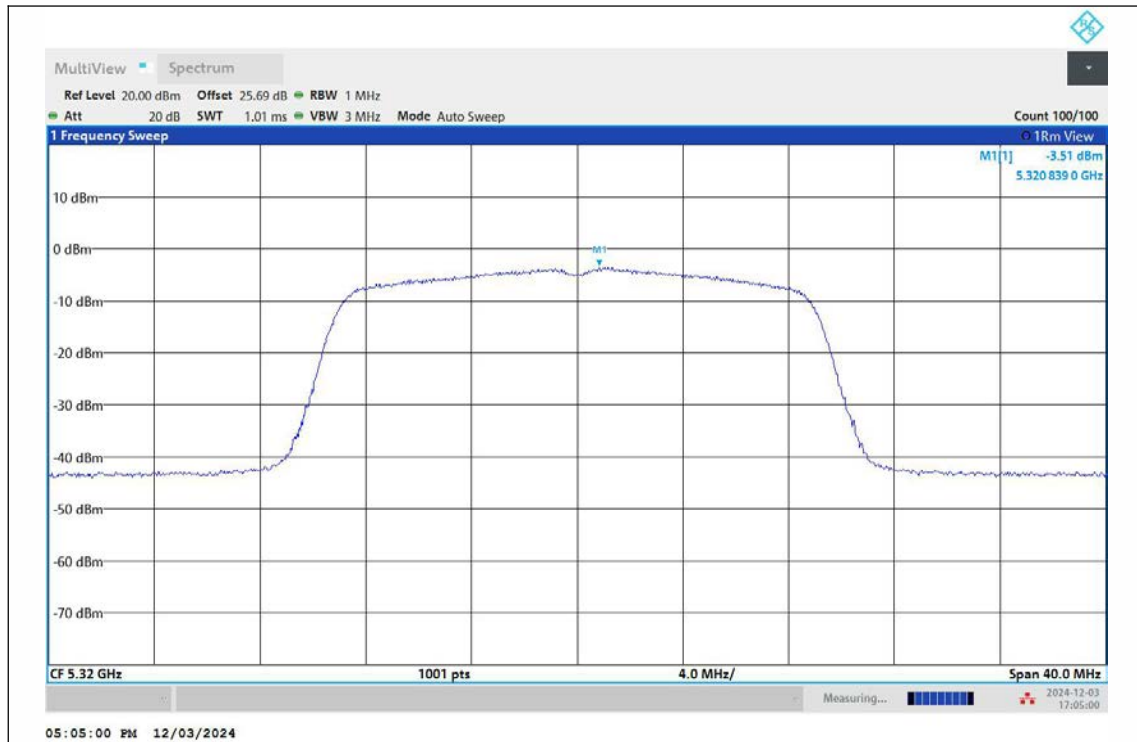
11AC20MIMO-Ant2-5260-PASS



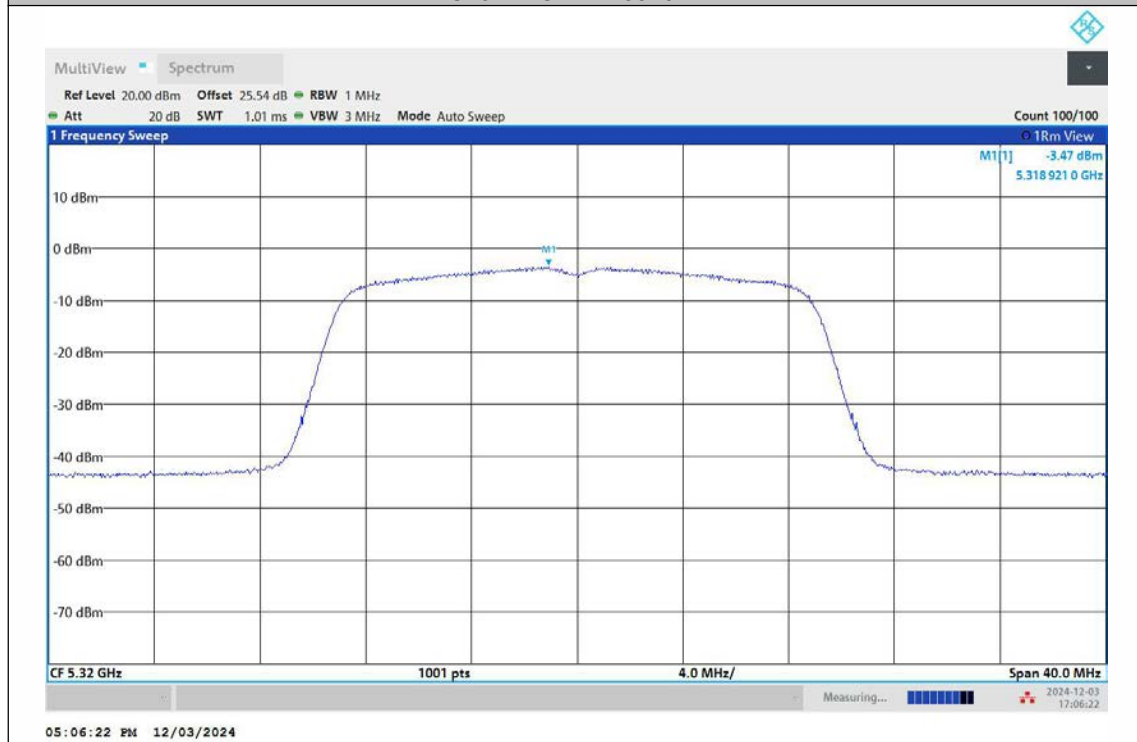
11AC20MIMO-Ant1-5280-PASS



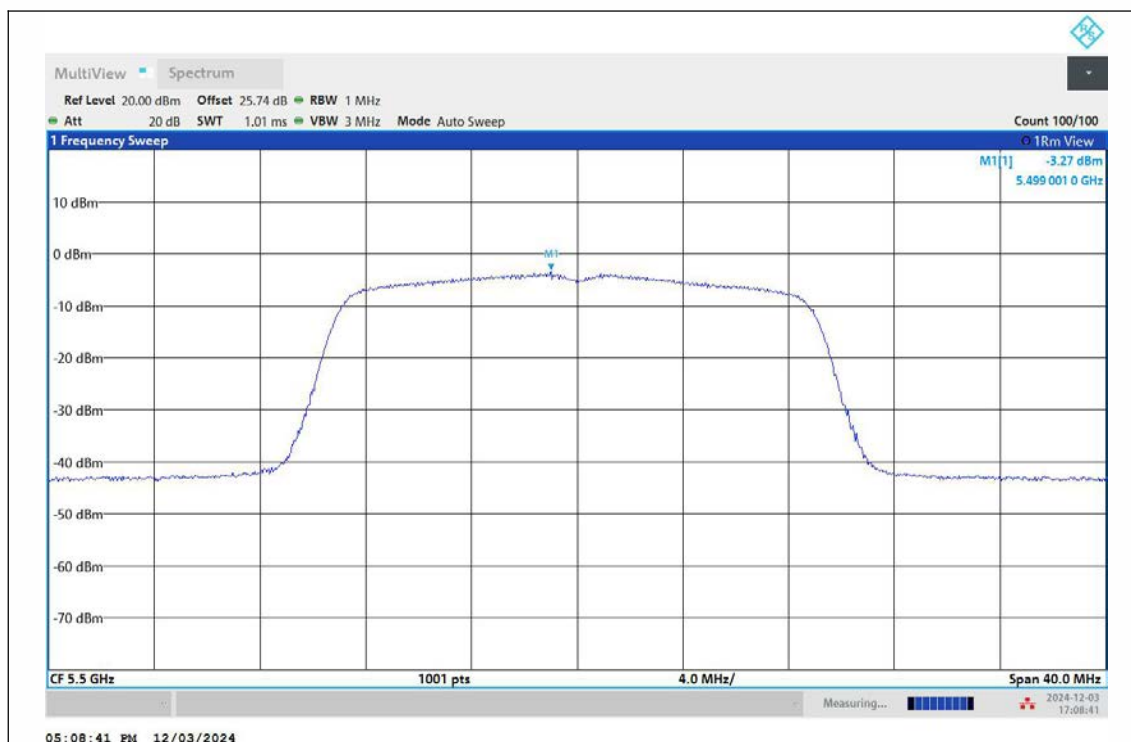
11AC20MIMO-Ant2-5280-PASS



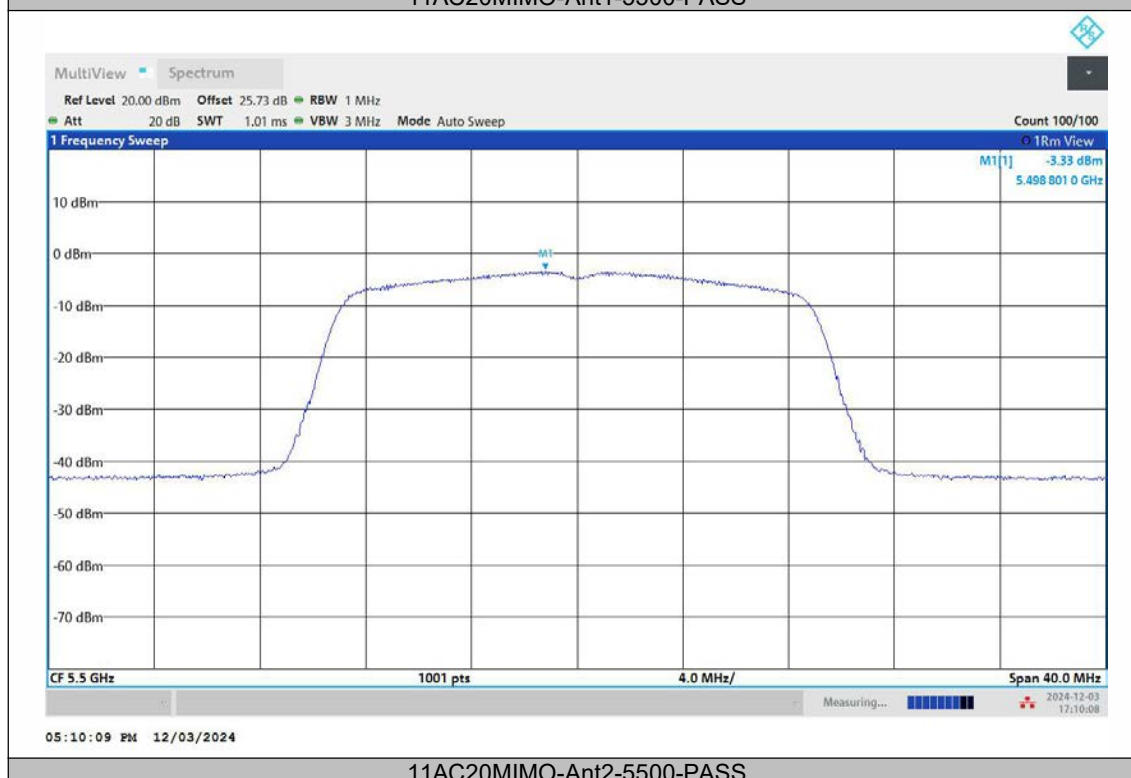
11AC20MIMO-Ant1-5320-PASS



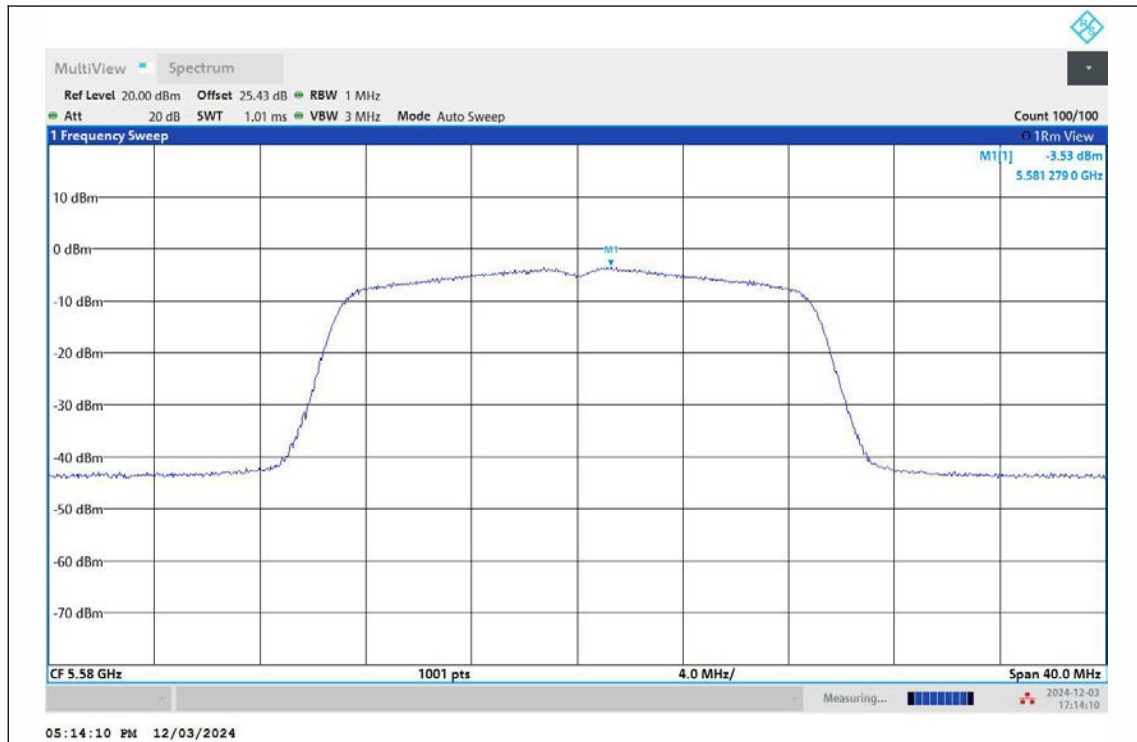
11AC20MIMO-Ant2-5320-PASS



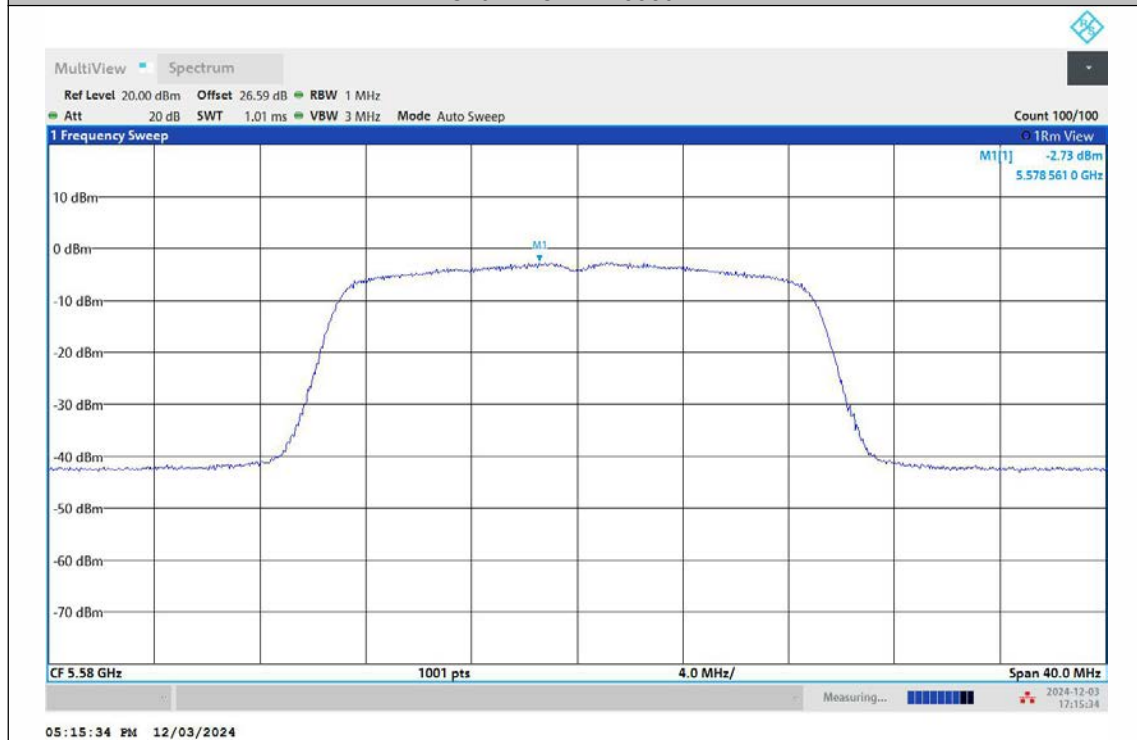
11AC20MIMO-Ant1-5500-PASS



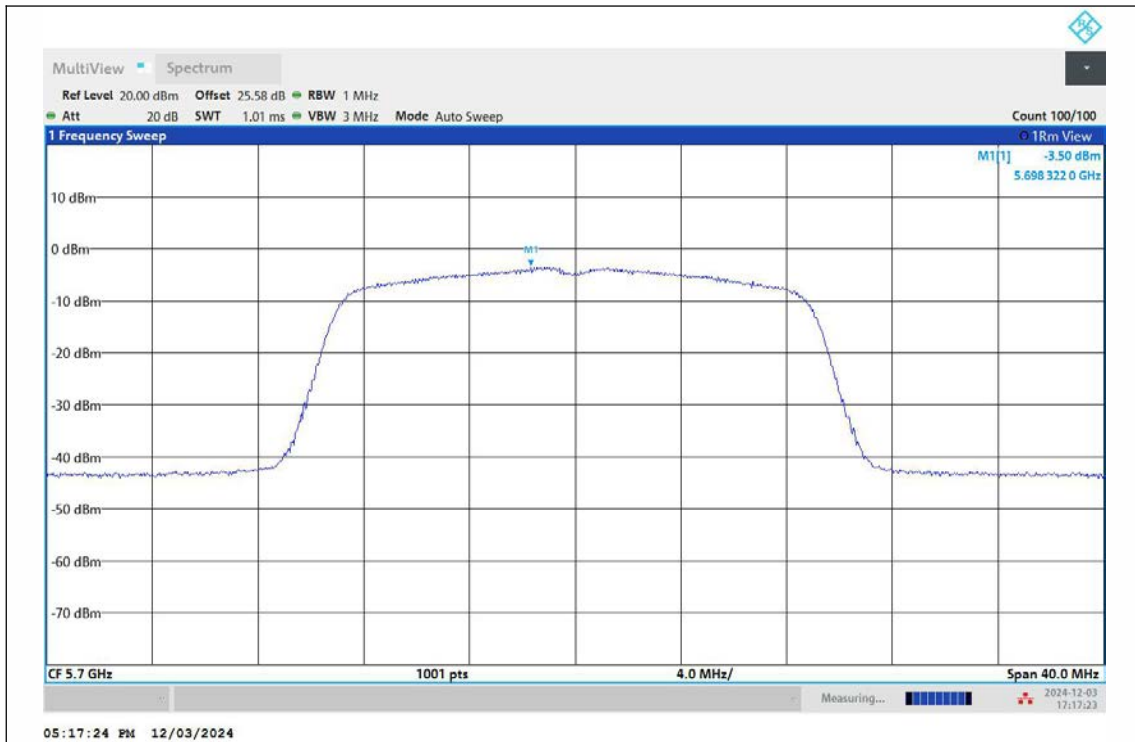
11AC20MIMO-Ant2-5500-PASS



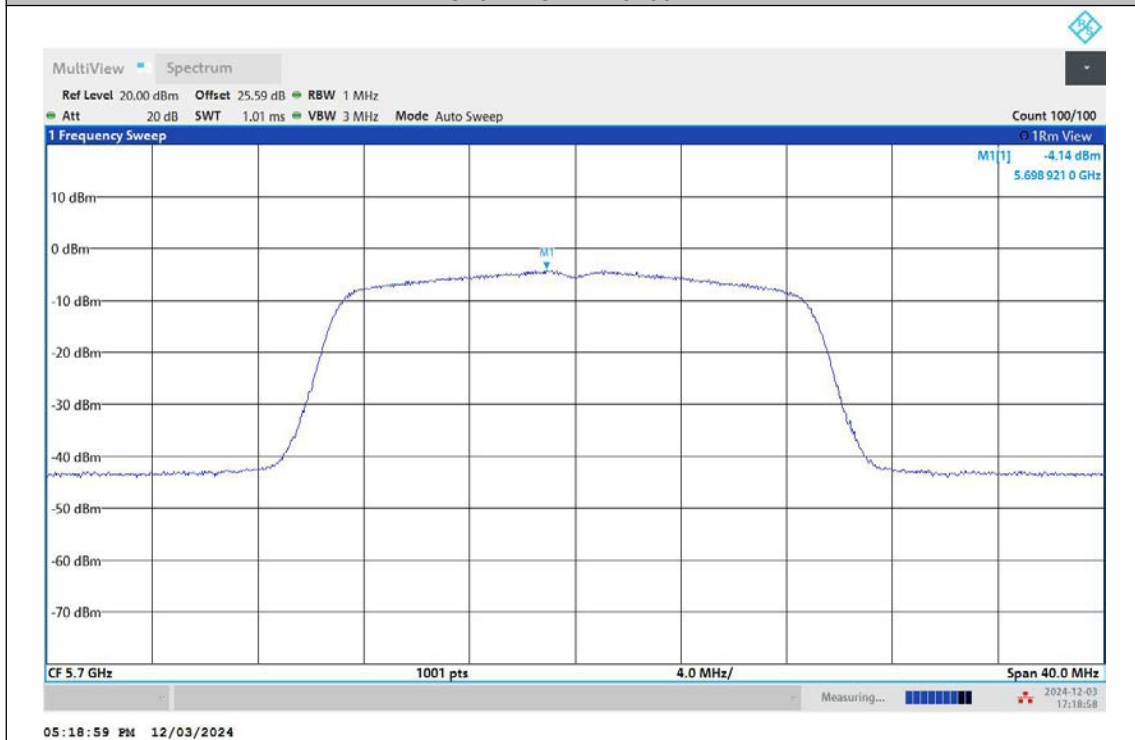
11AC20MIMO-Ant1-5580-PASS



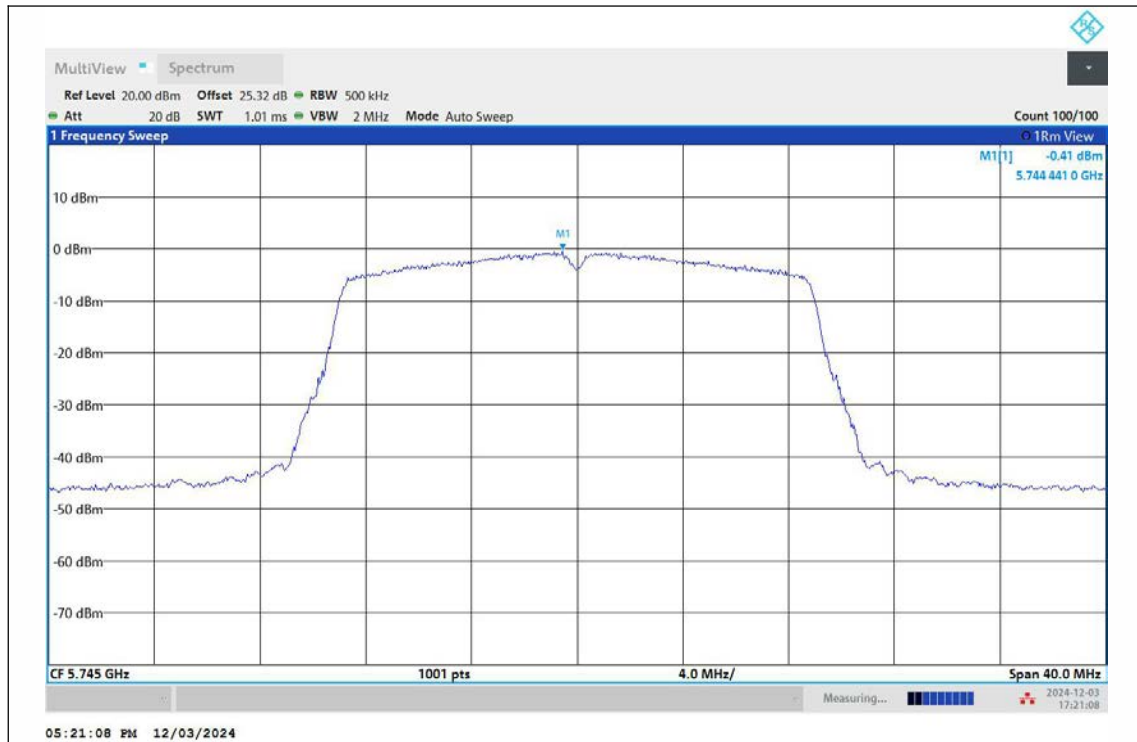
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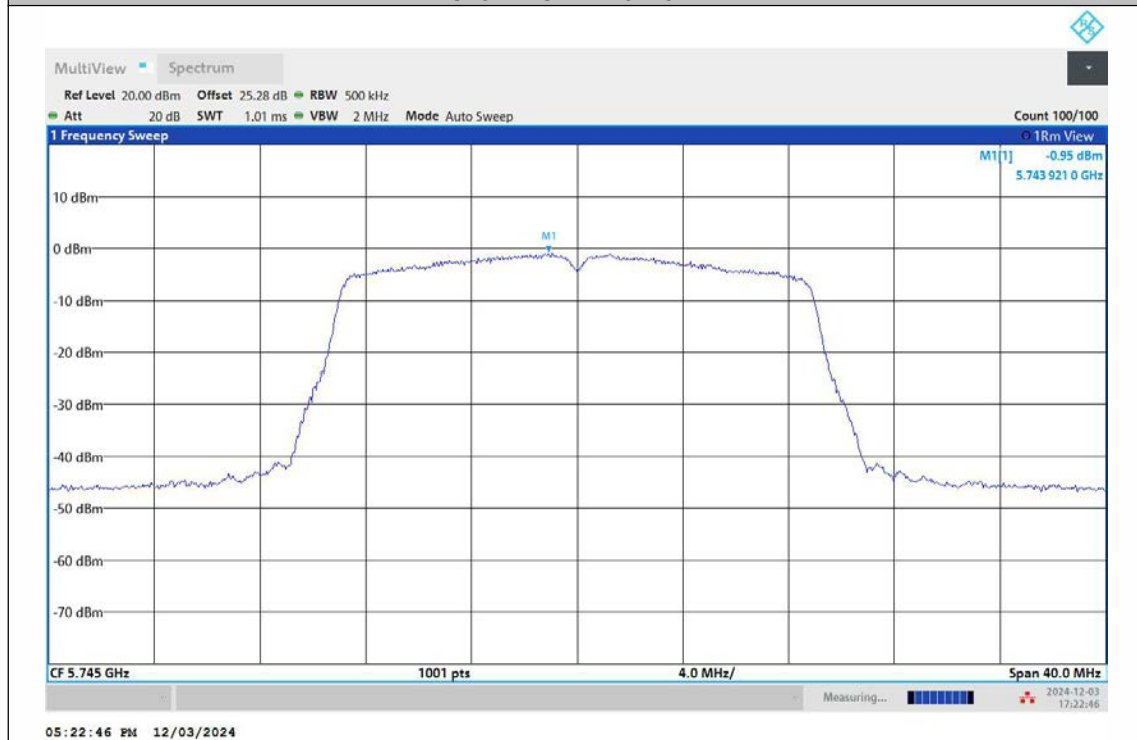
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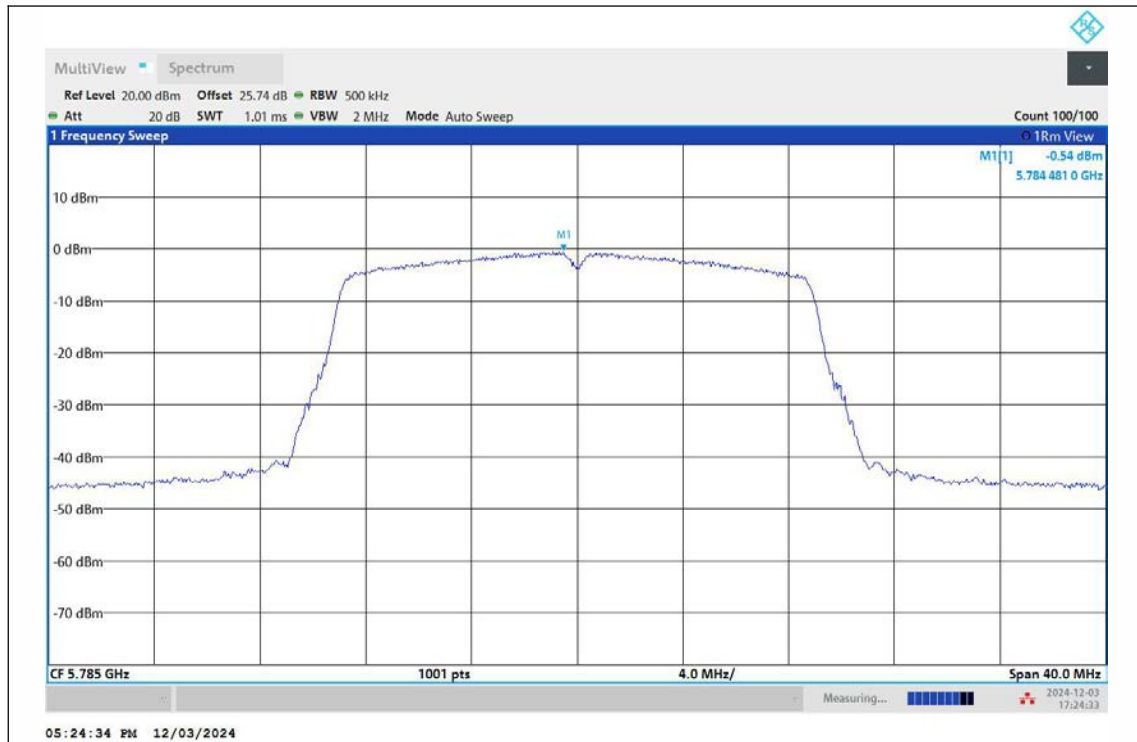
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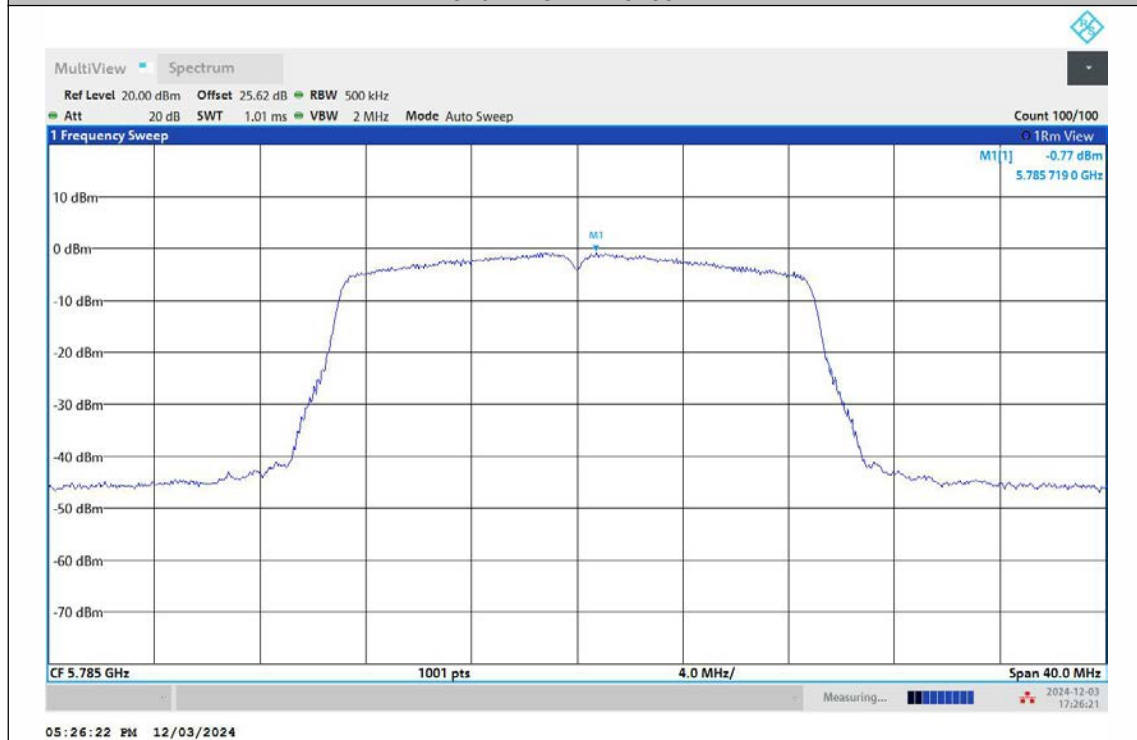
11AC20MIMO-Ant1-5745-PASS



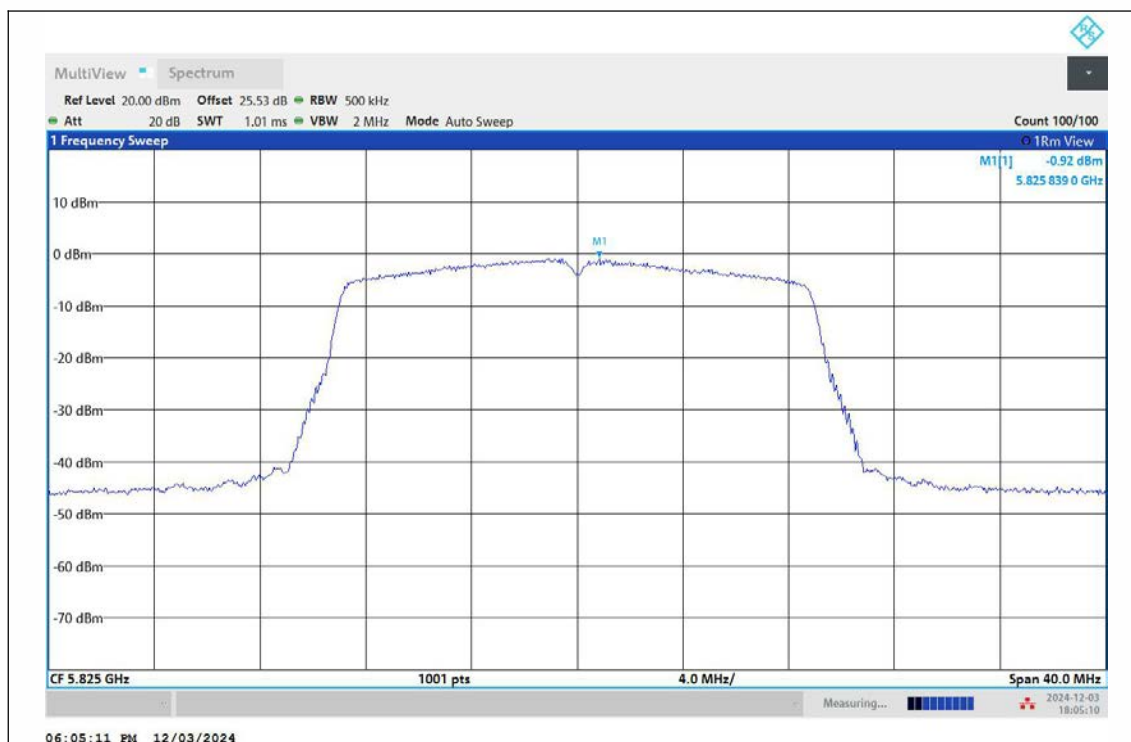
11AC20MIMO-Ant2-5745-PASS



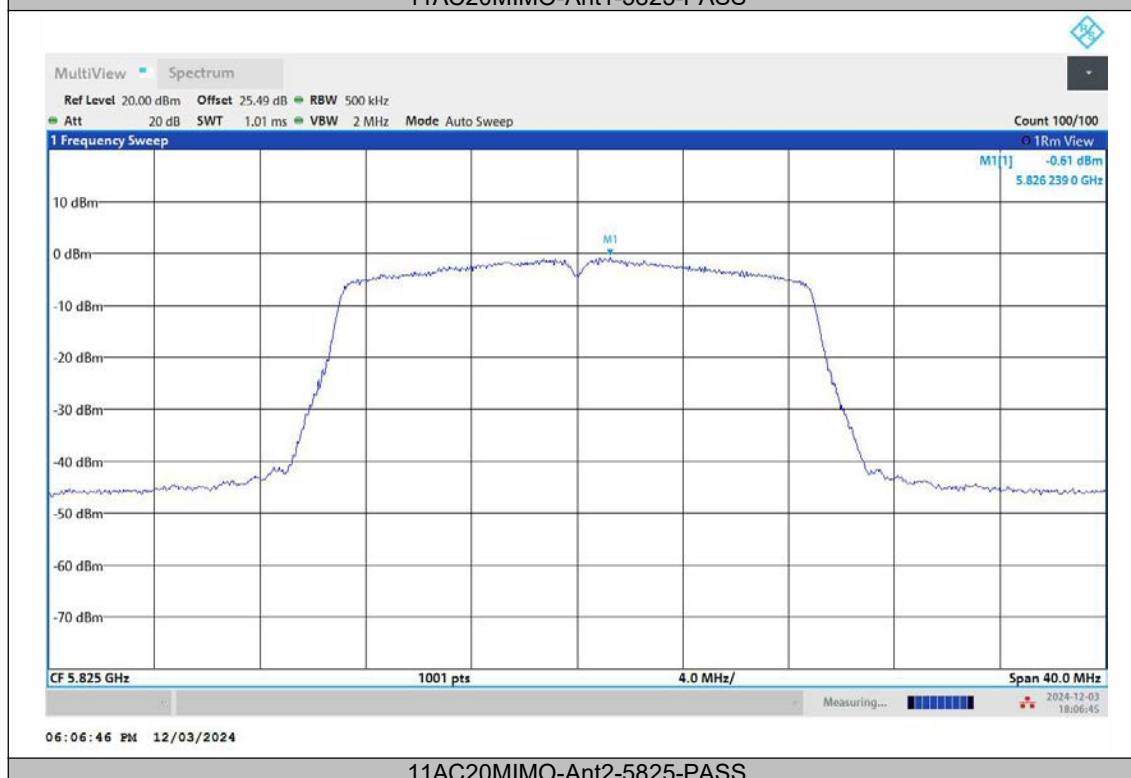
11AC20MIMO-Ant1-5785-PASS



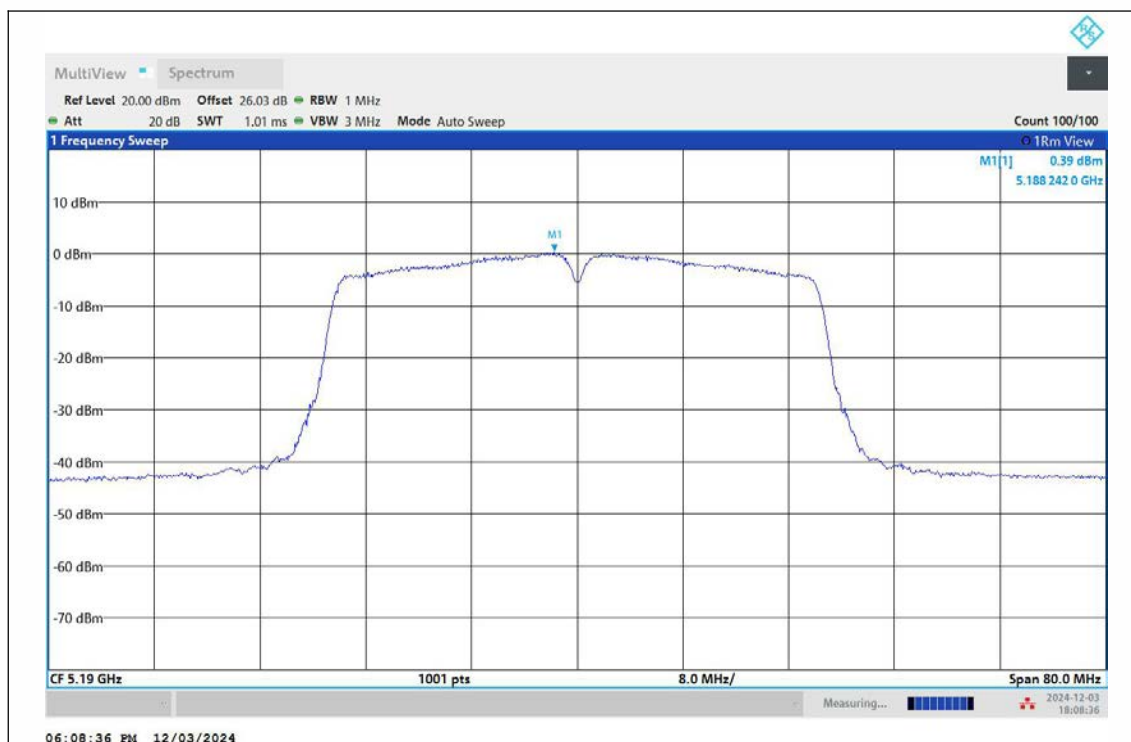
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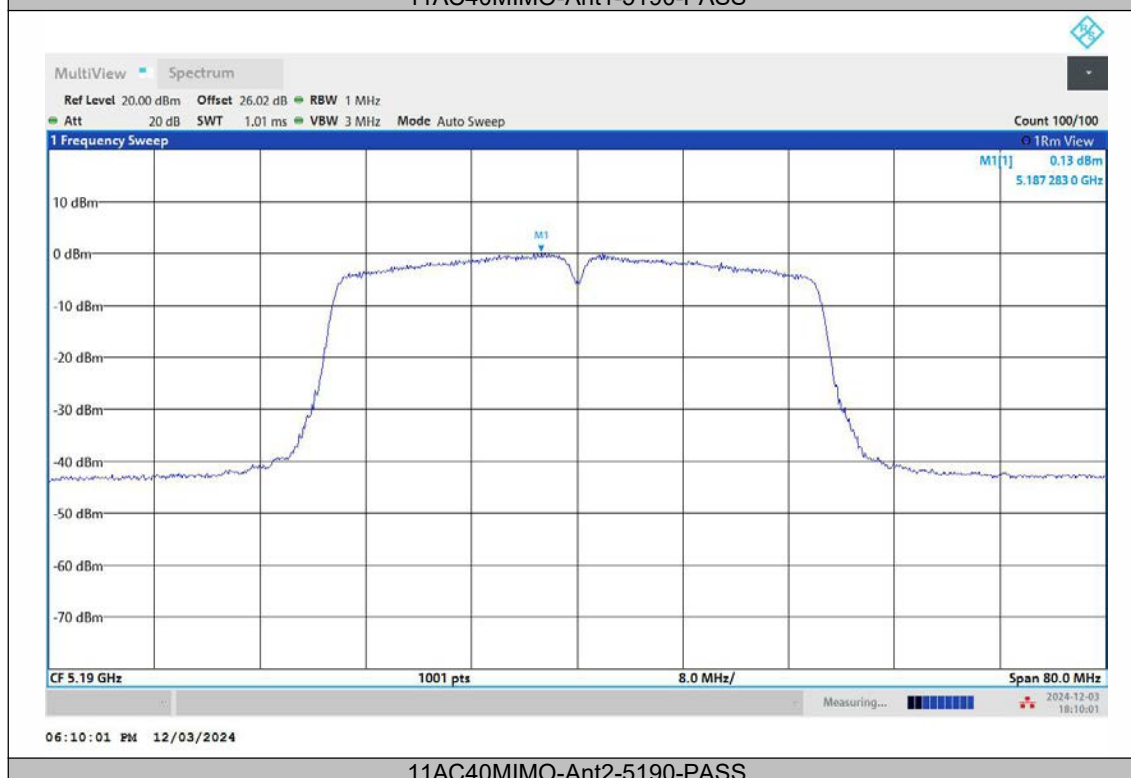
11AC20MIMO-Ant1-5825-PASS



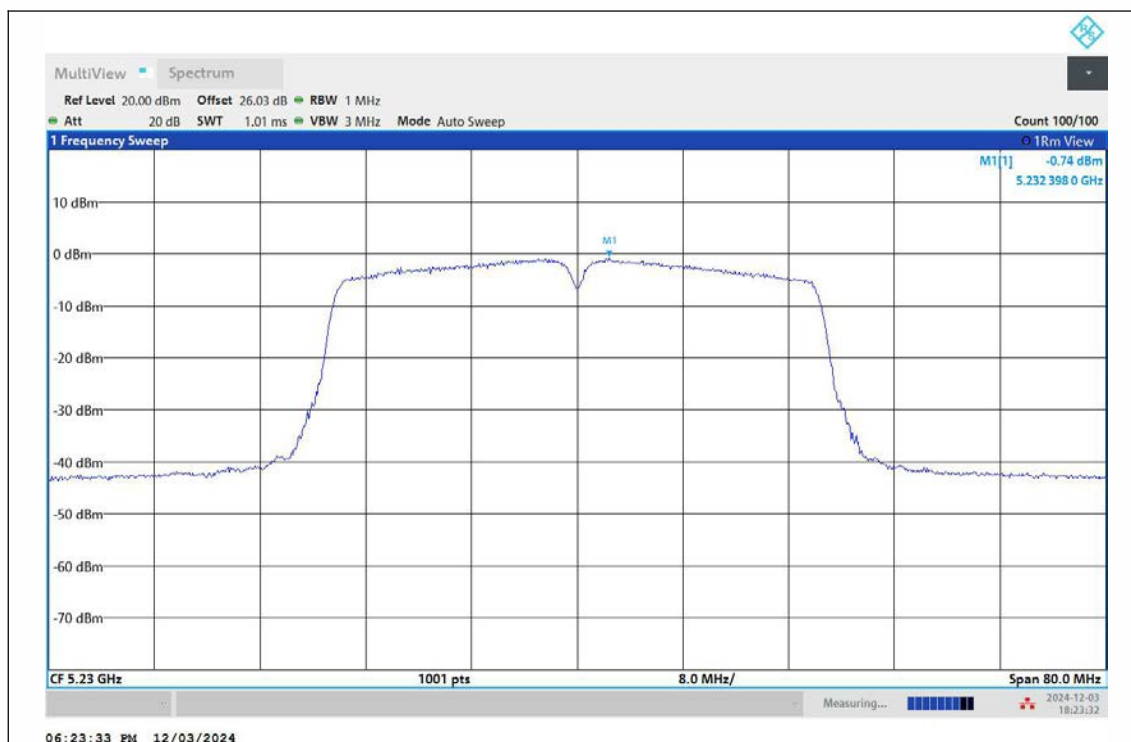
11AC20MIMO-Ant2-5825-PASS



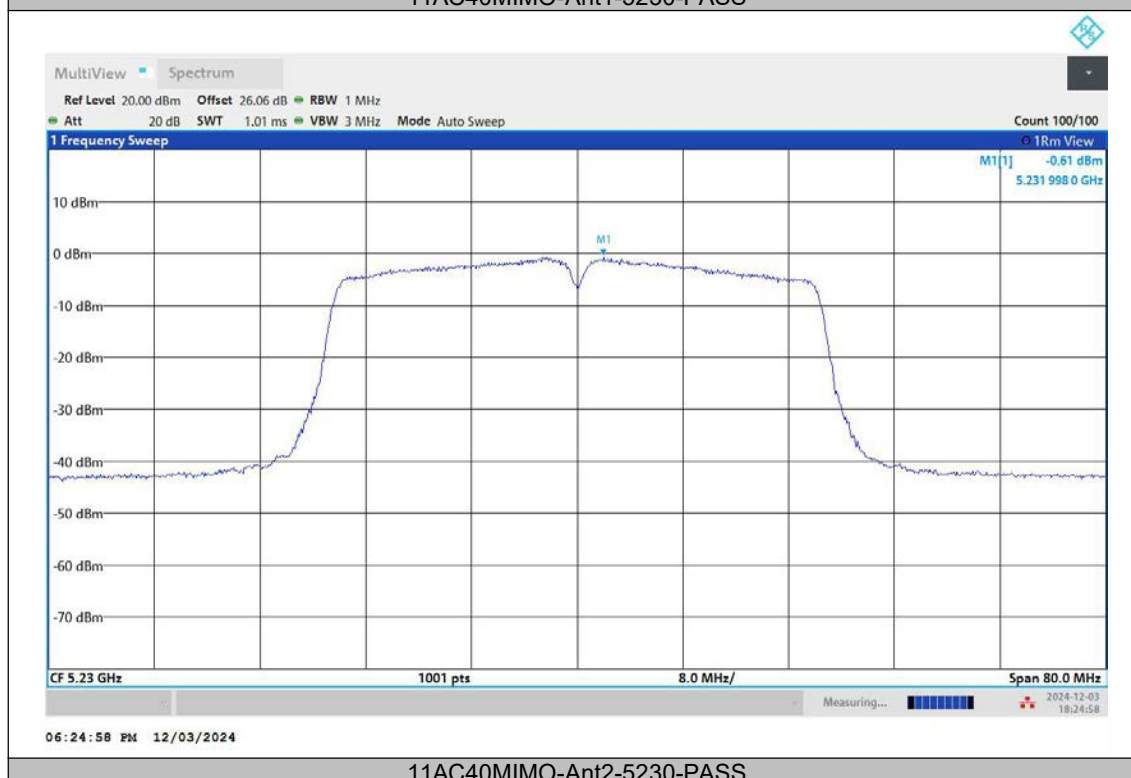
11AC40MIMO-Ant1-5190-PASS



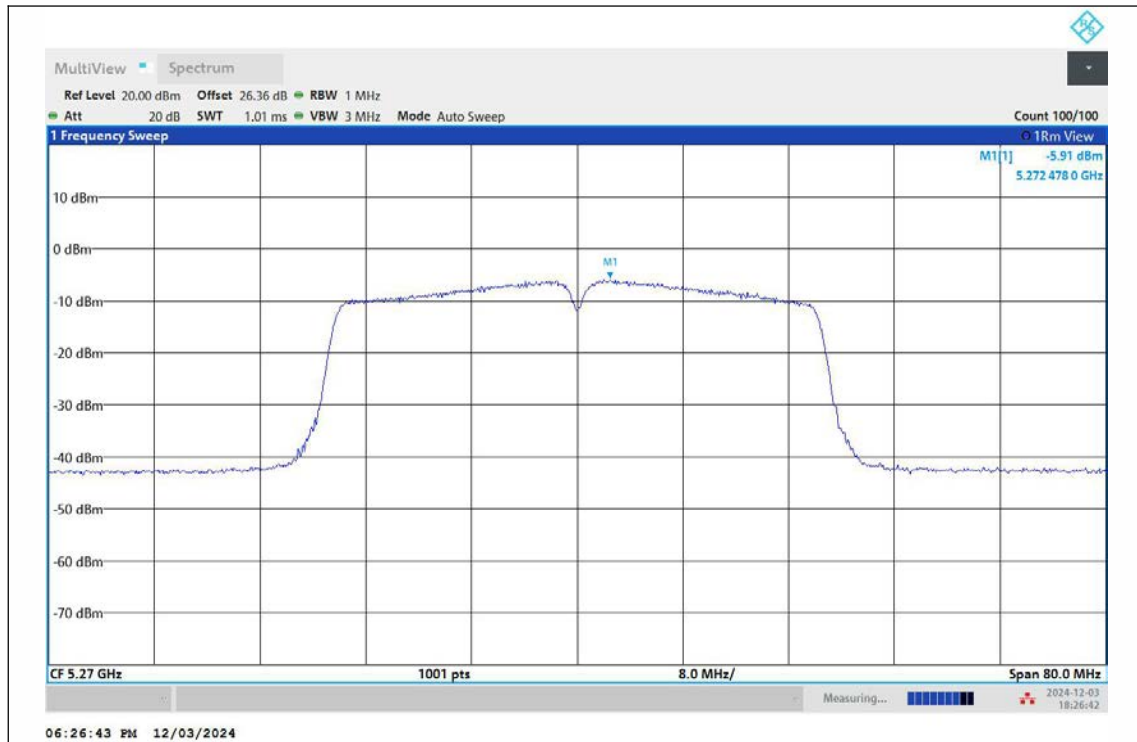
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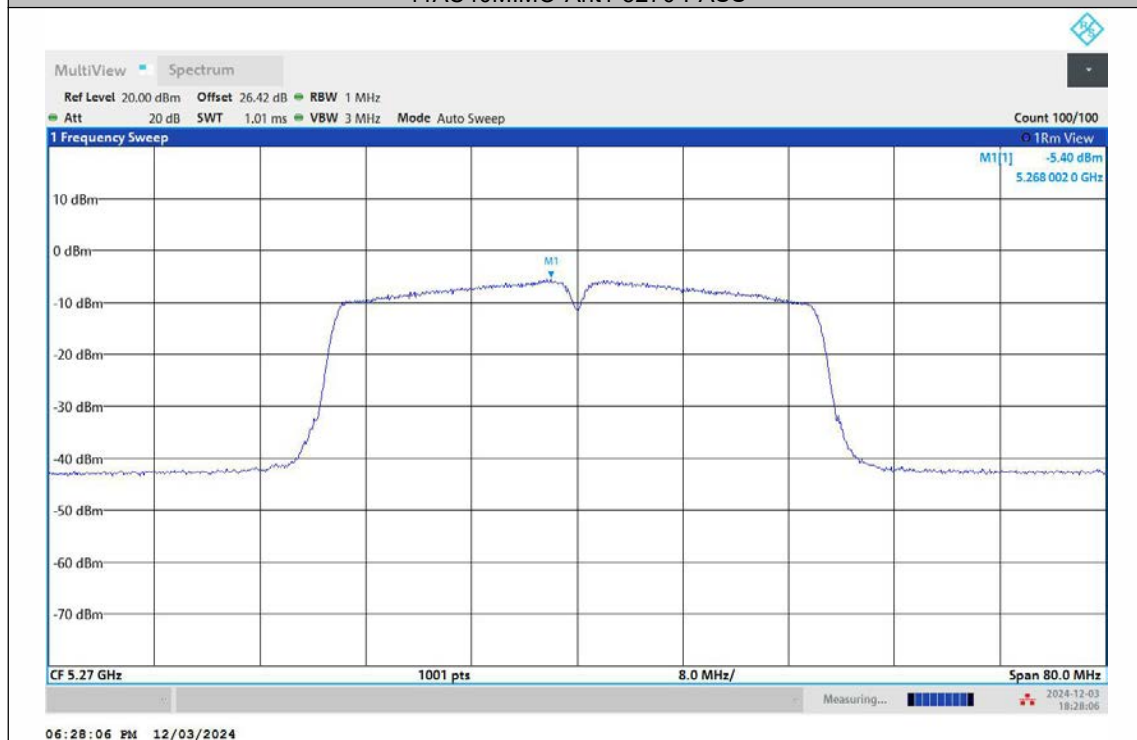
11AC40MIMO-Ant1-5230-PASS



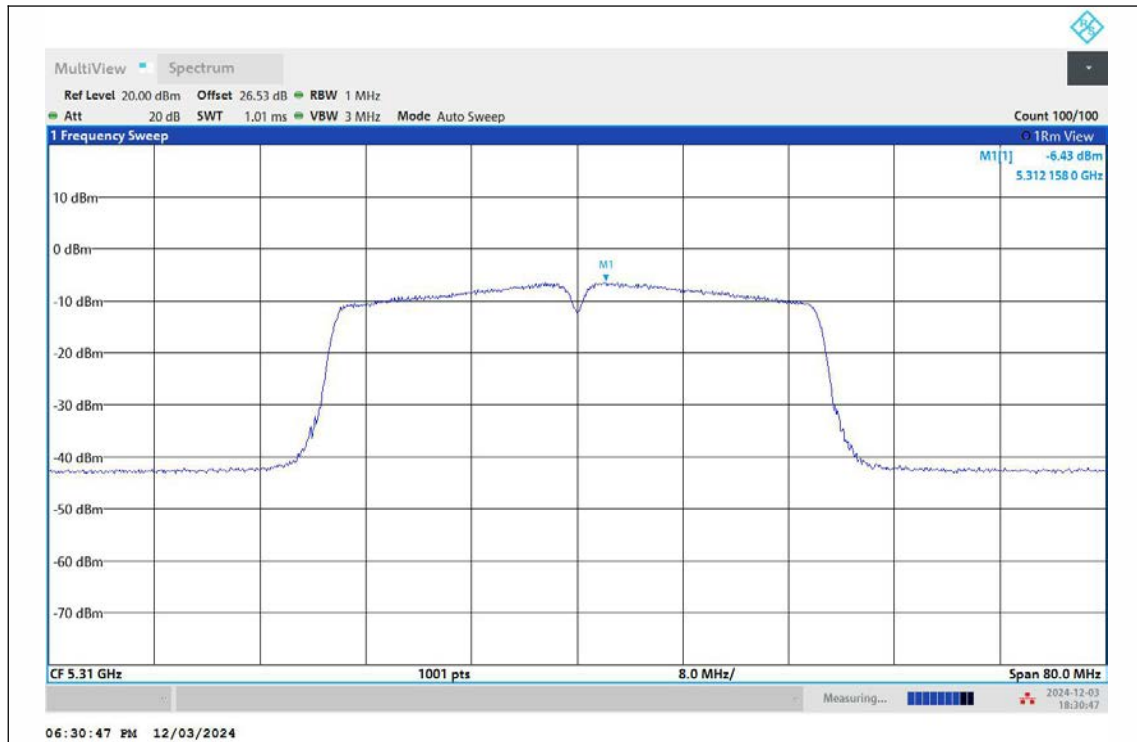
11AC40MIMO-Ant2-5230-PASS



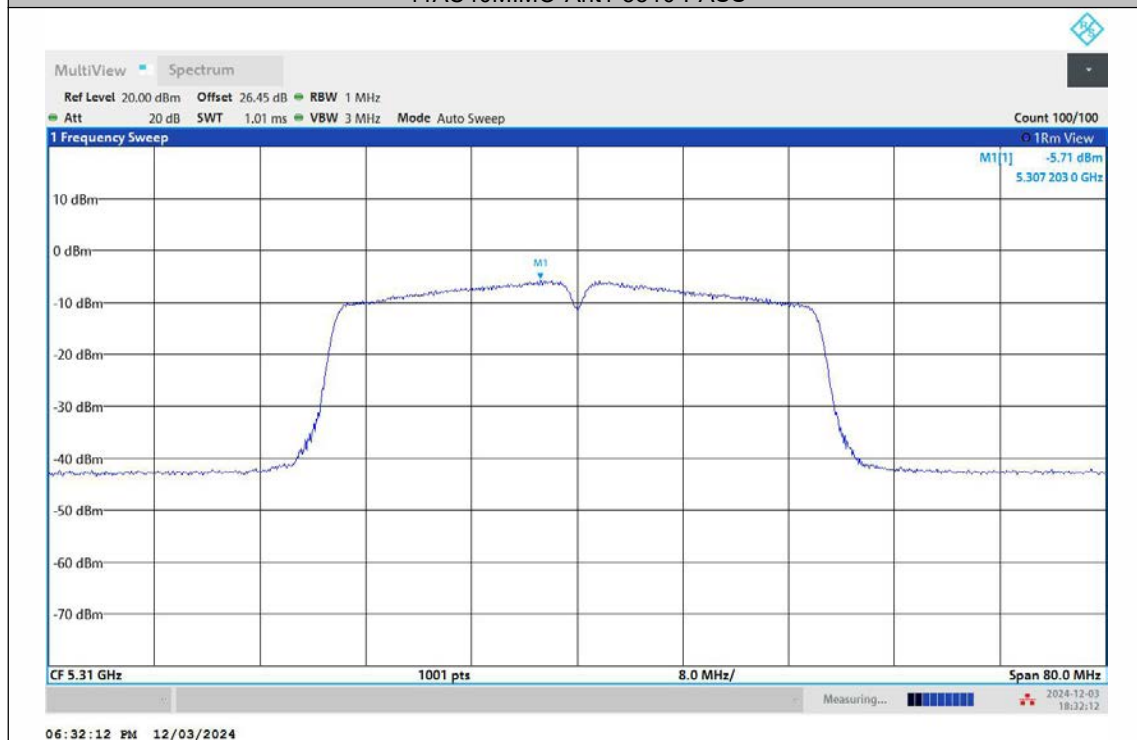
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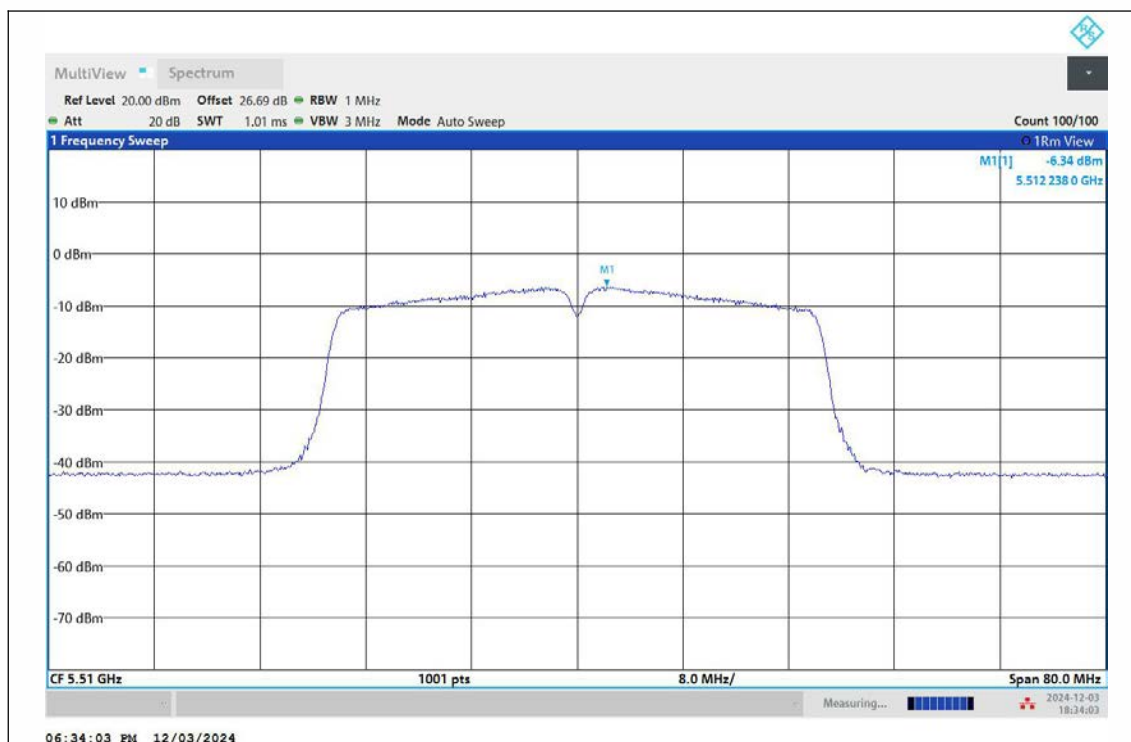
11AC40MIMO-Ant2-5270-PASS



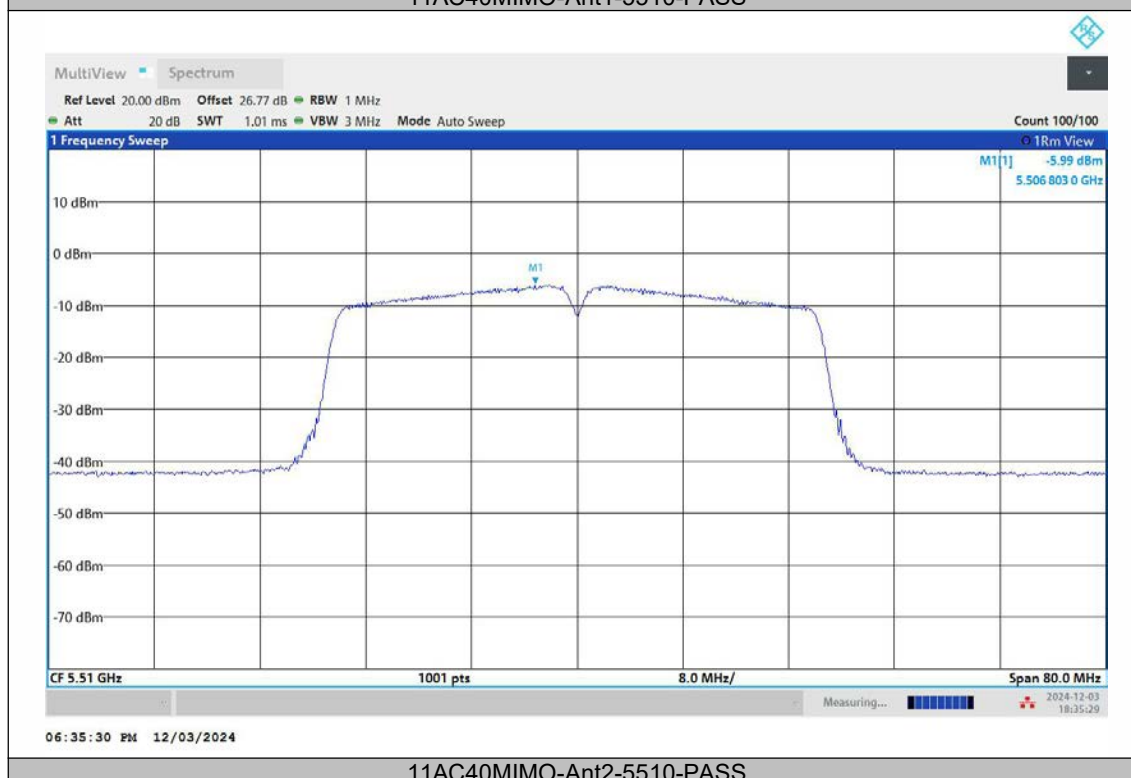
11AC40MIMO-Ant1-5310-PASS



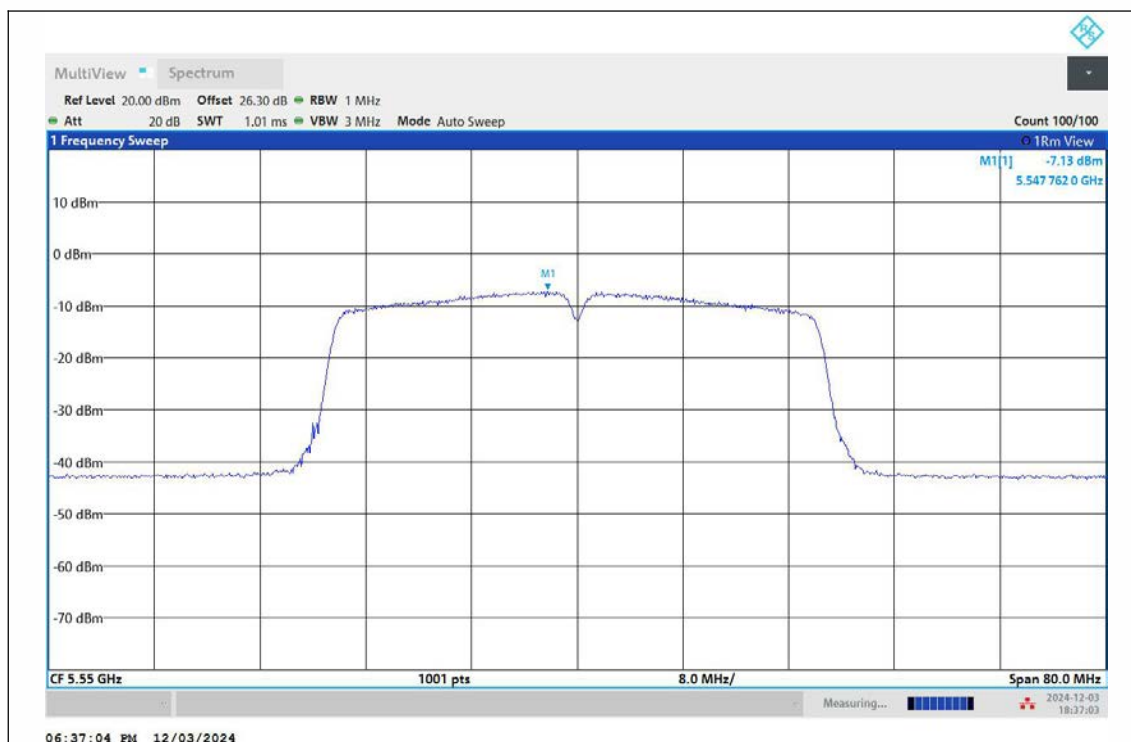
11AC40MIMO-Ant2-5310-PASS



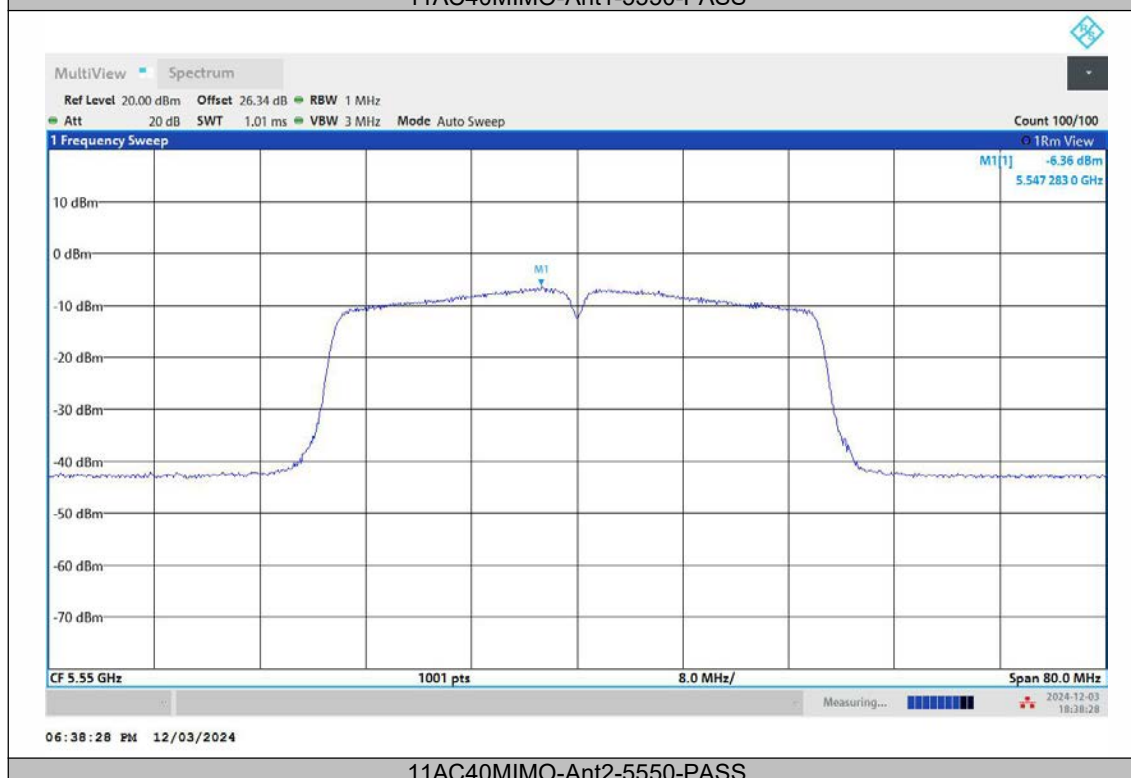
11AC40MIMO-Ant1-5510-PASS



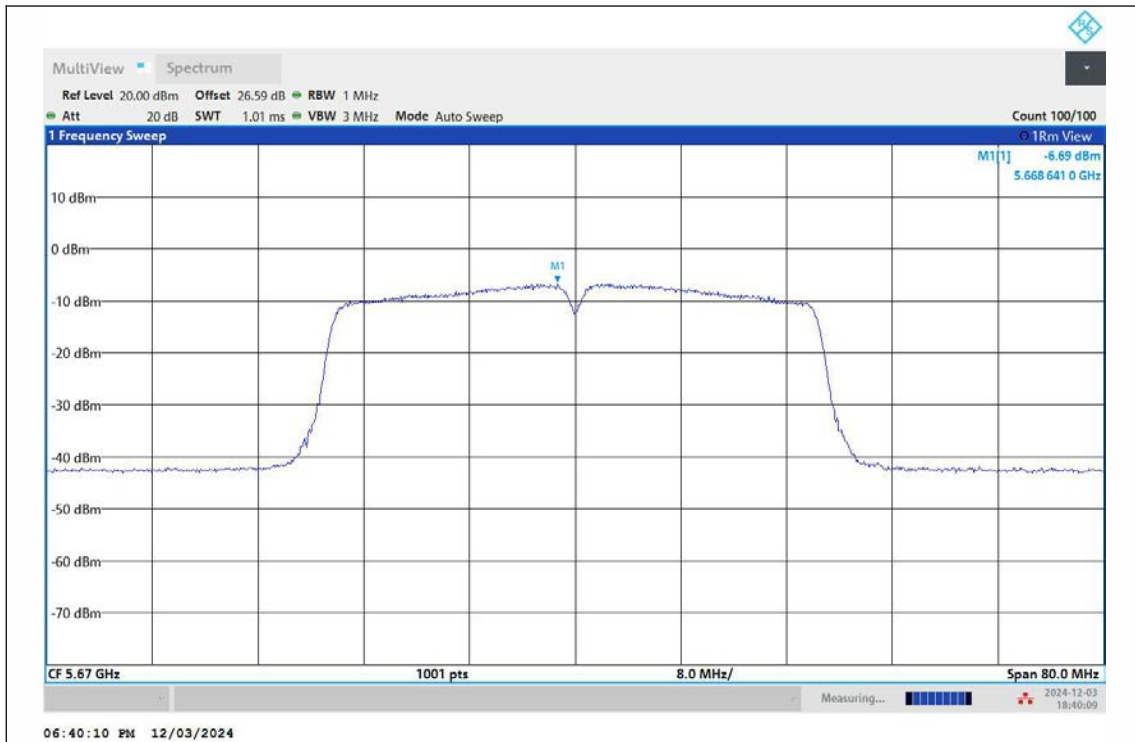
11AC40MIMO-Ant2-5510-PASS



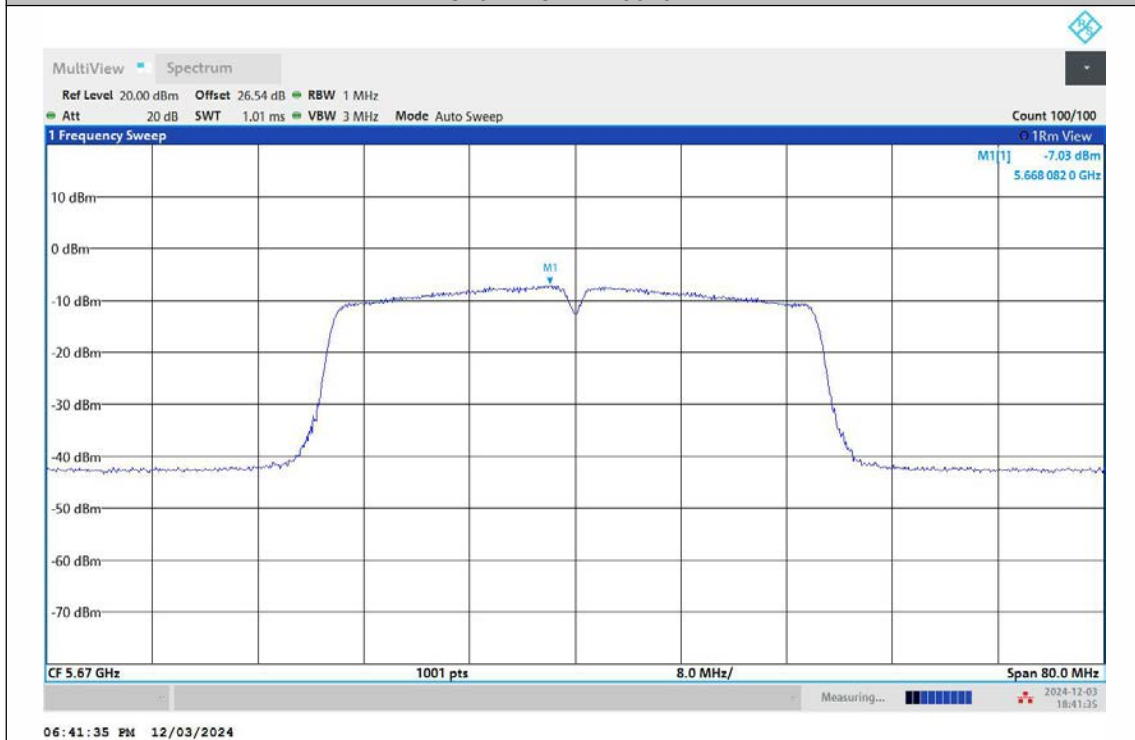
11AC40MIMO-Ant1-5550-PASS



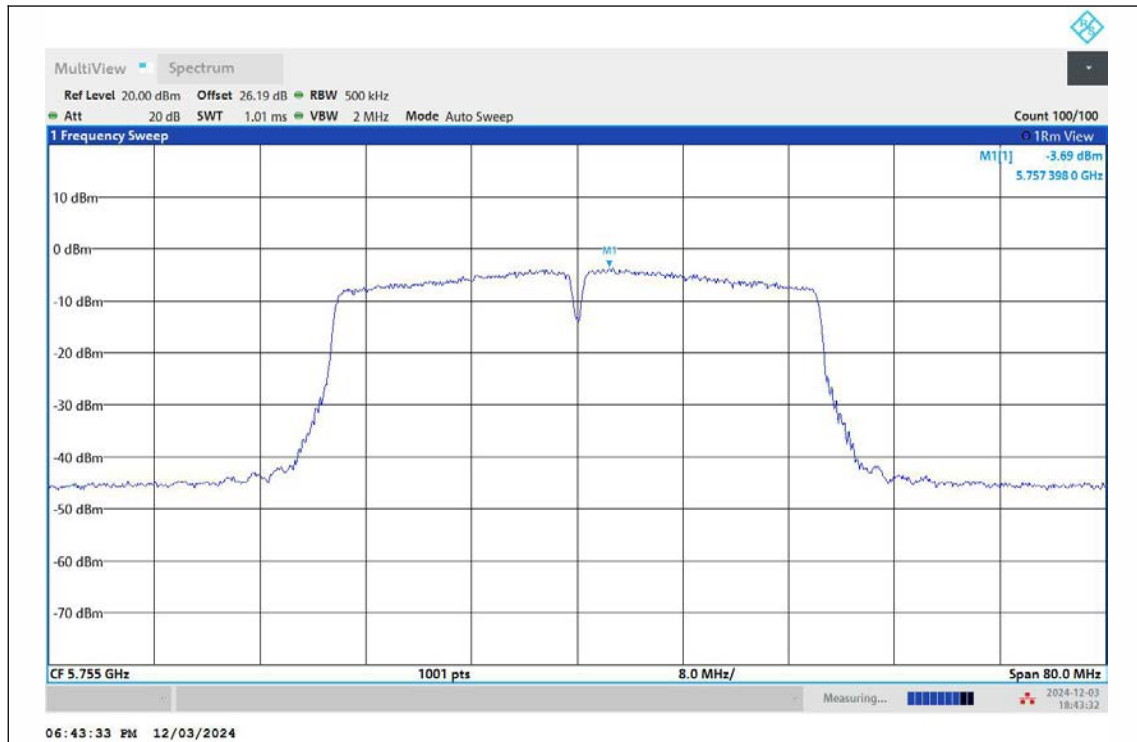
11AC40MIMO-Ant2-5550-PASS



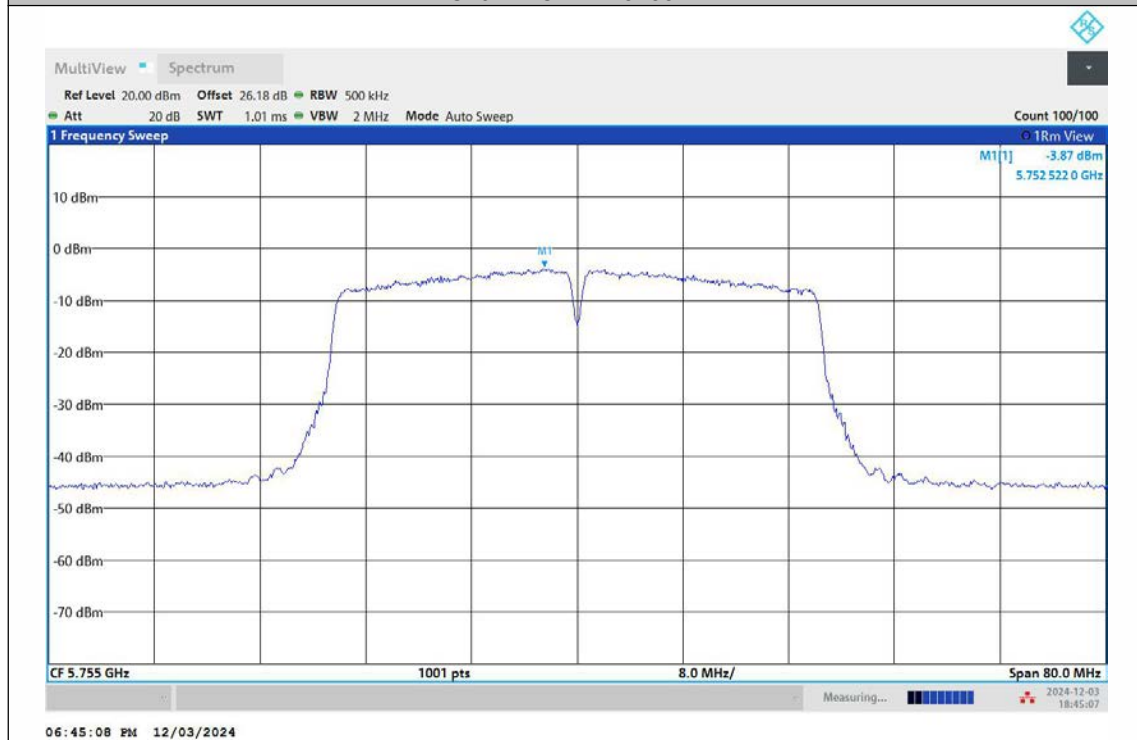
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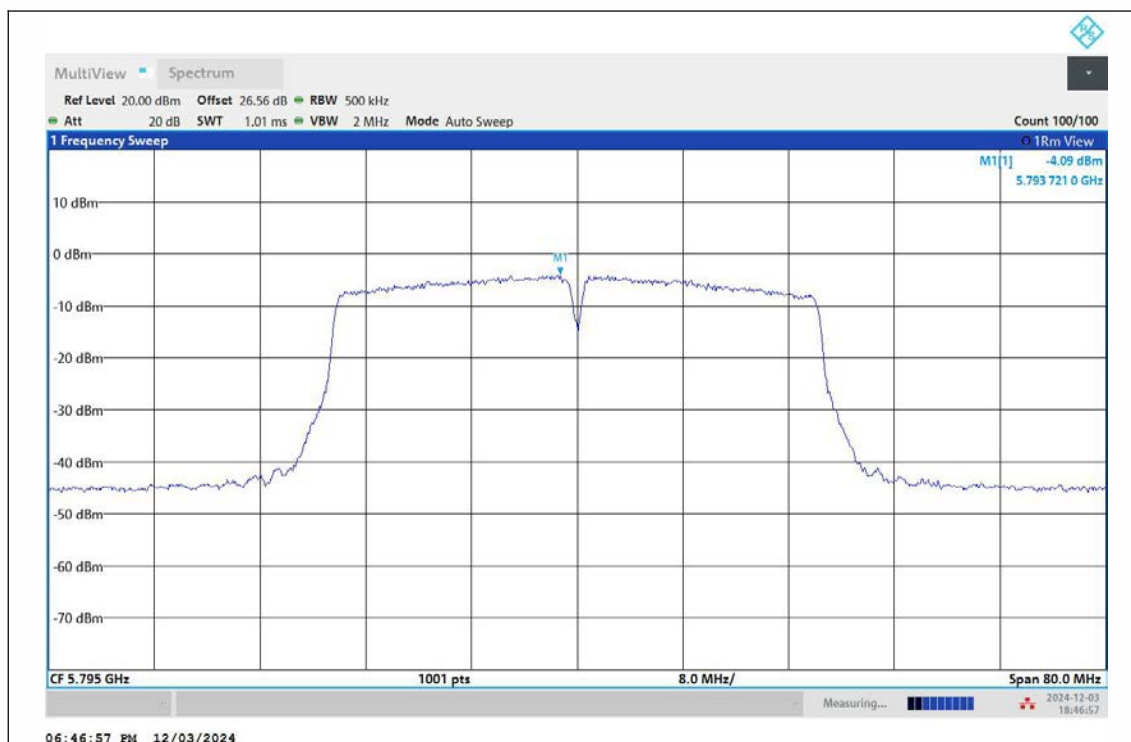
11AC40MIMO-Ant2-5670-PASS



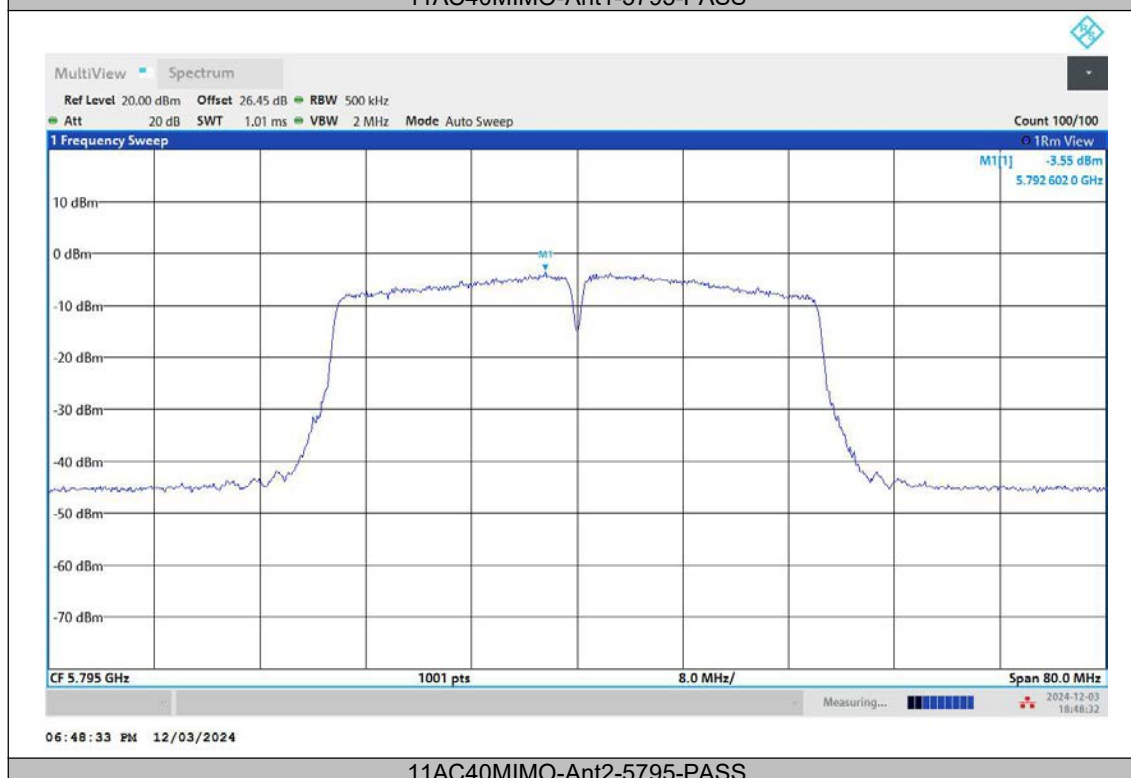
11AC40MIMO-Ant1-5755-PASS



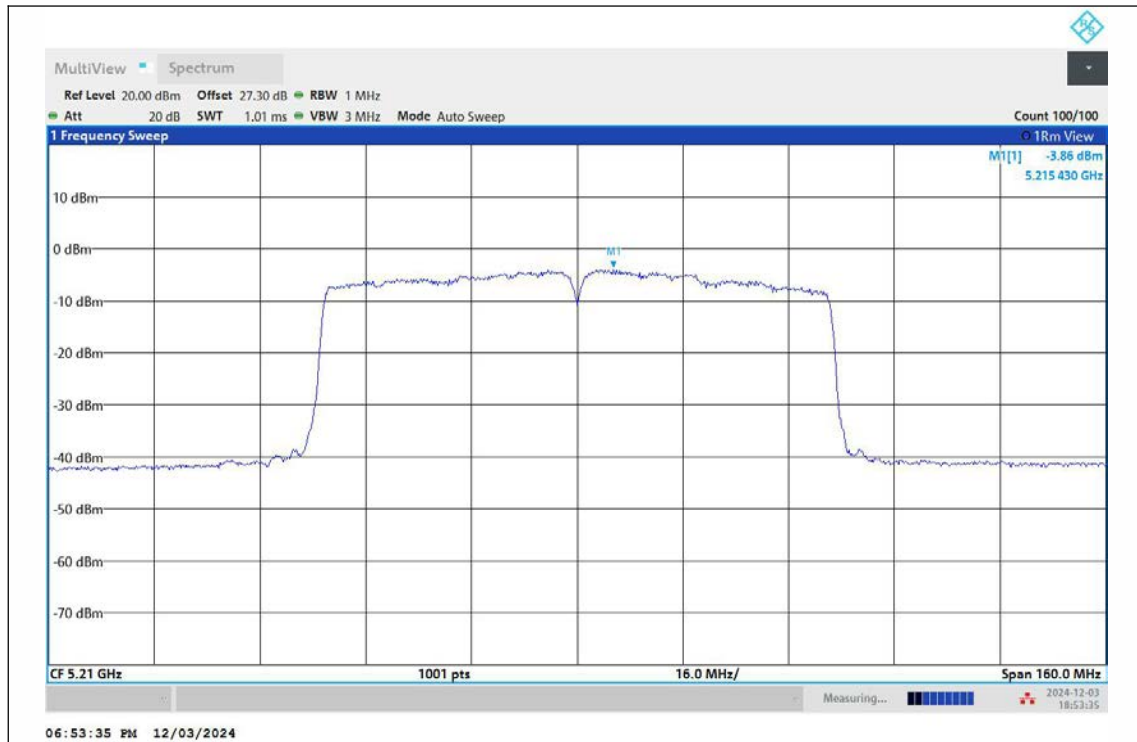
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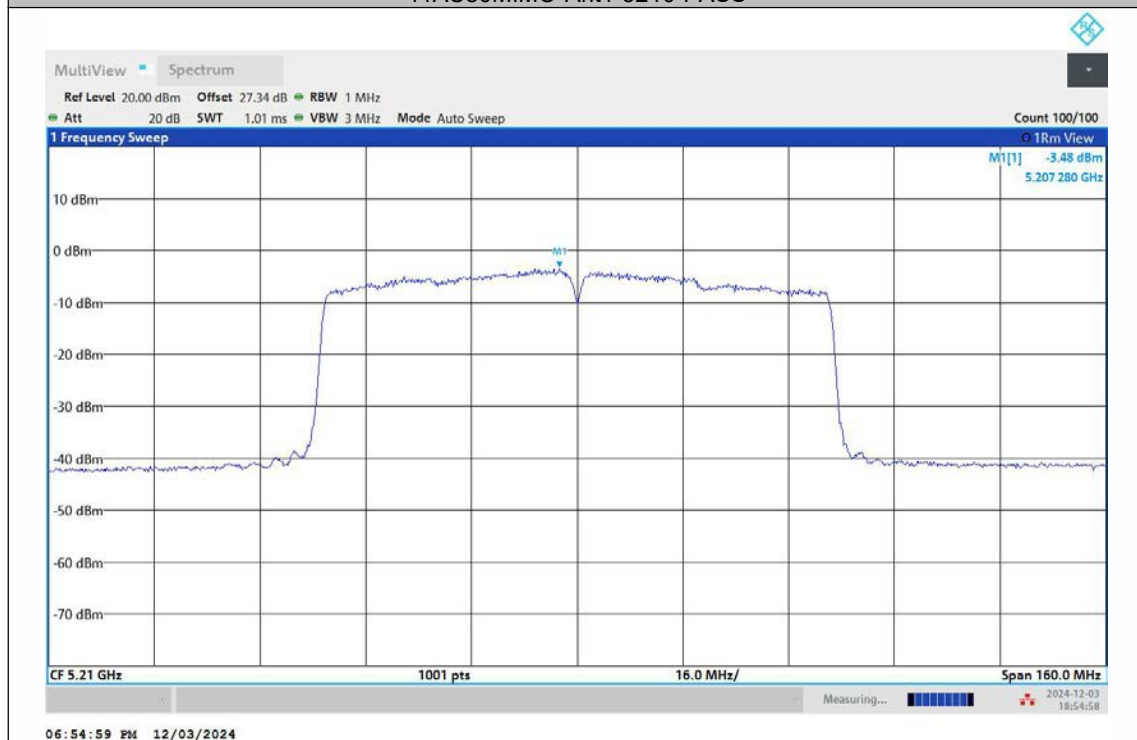
11AC40MIMO-Ant1-5795-PASS



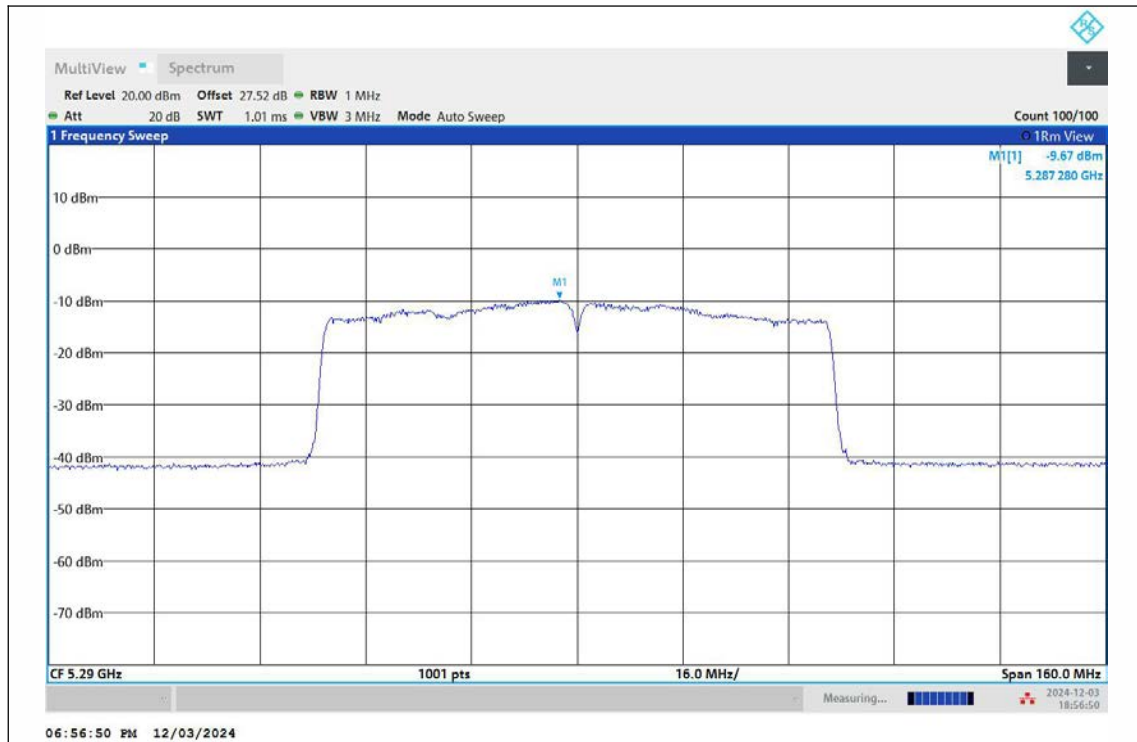
11AC40MIMO-Ant2-5795-PASS



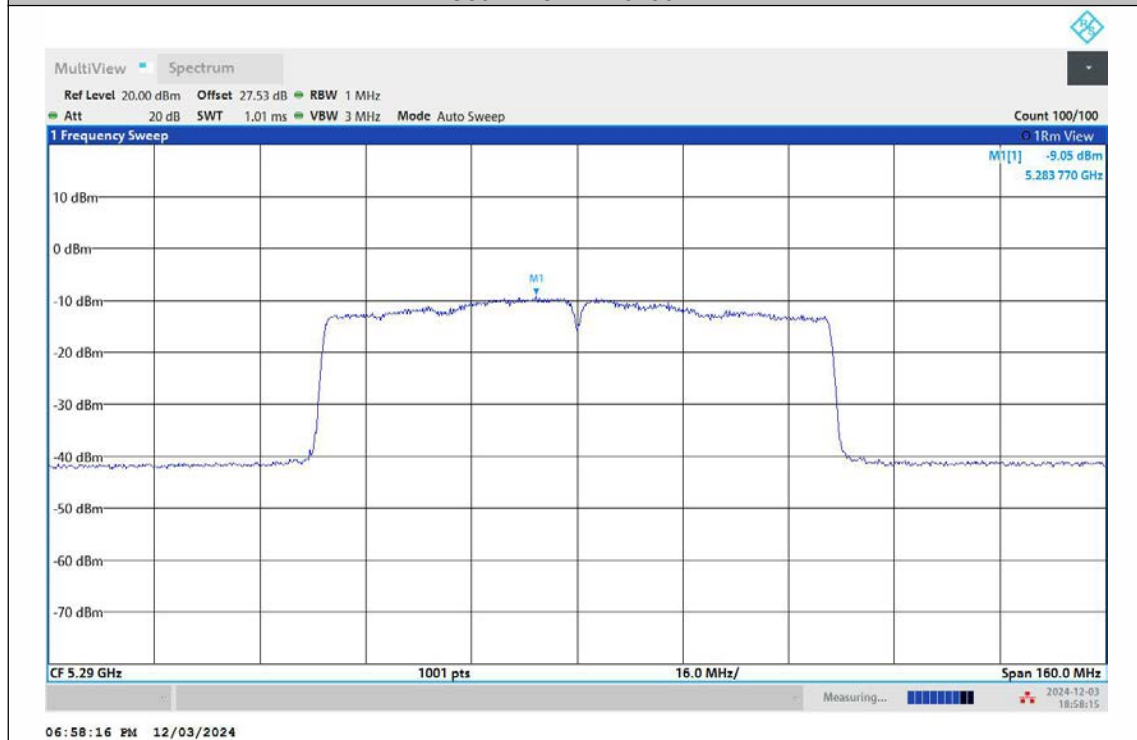
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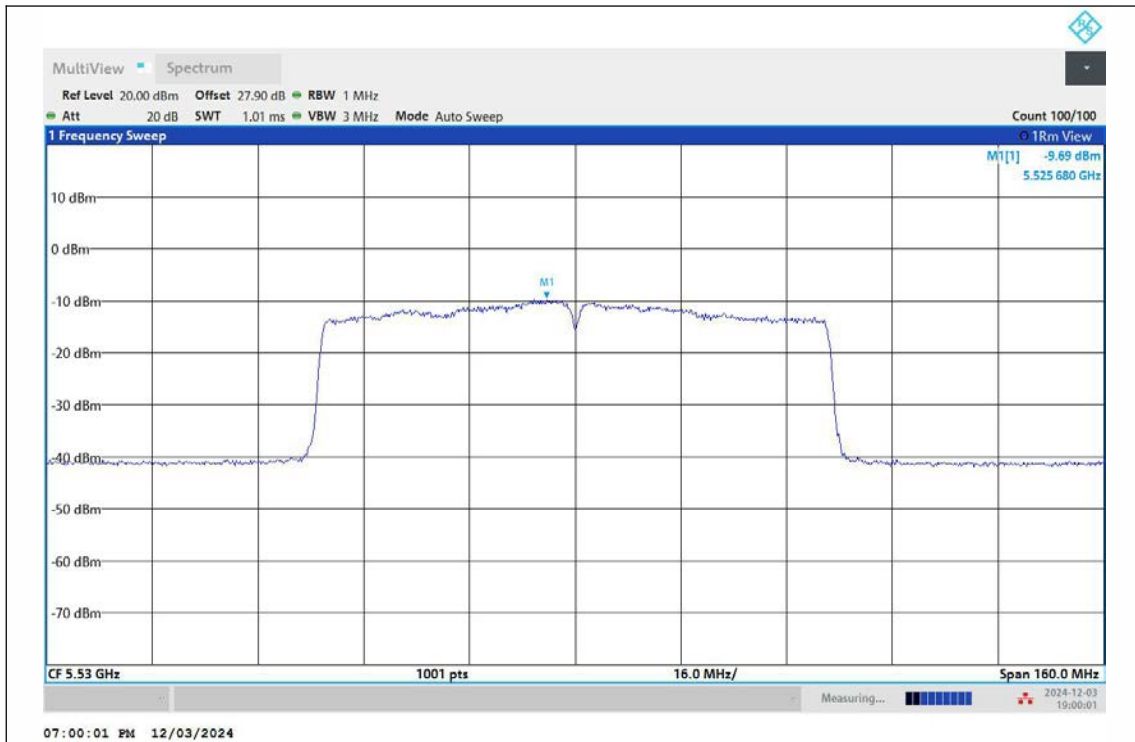
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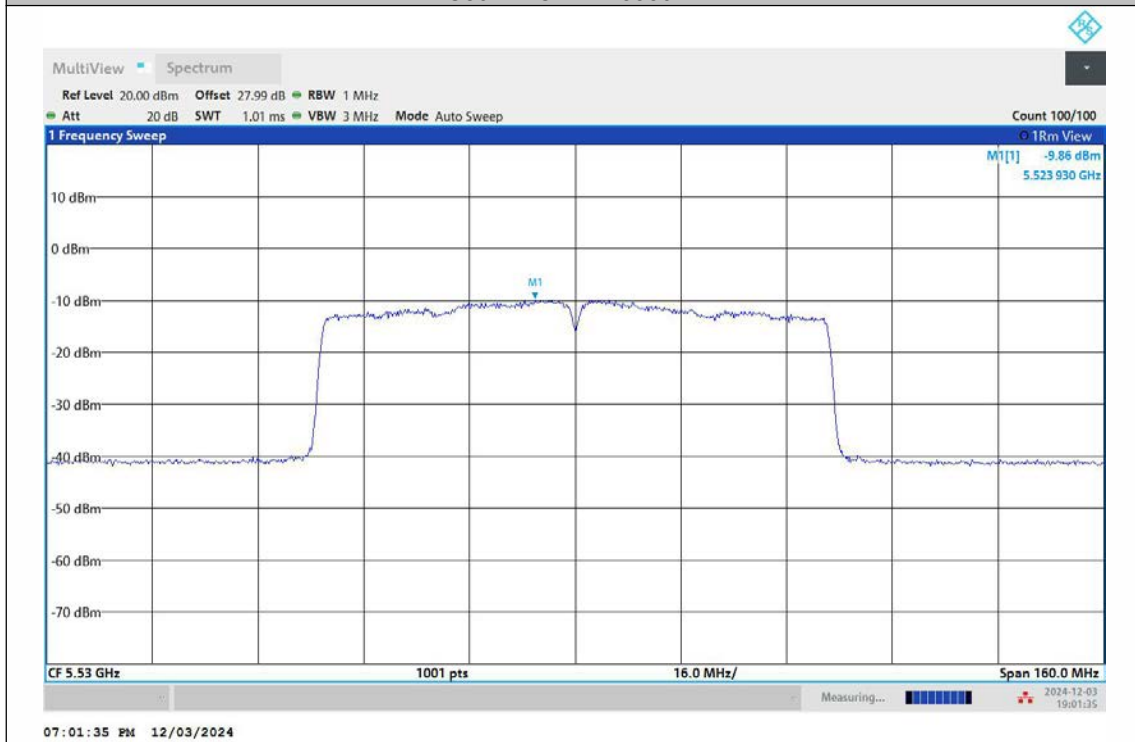
11AC80MIMO-Ant1-5290-PASS



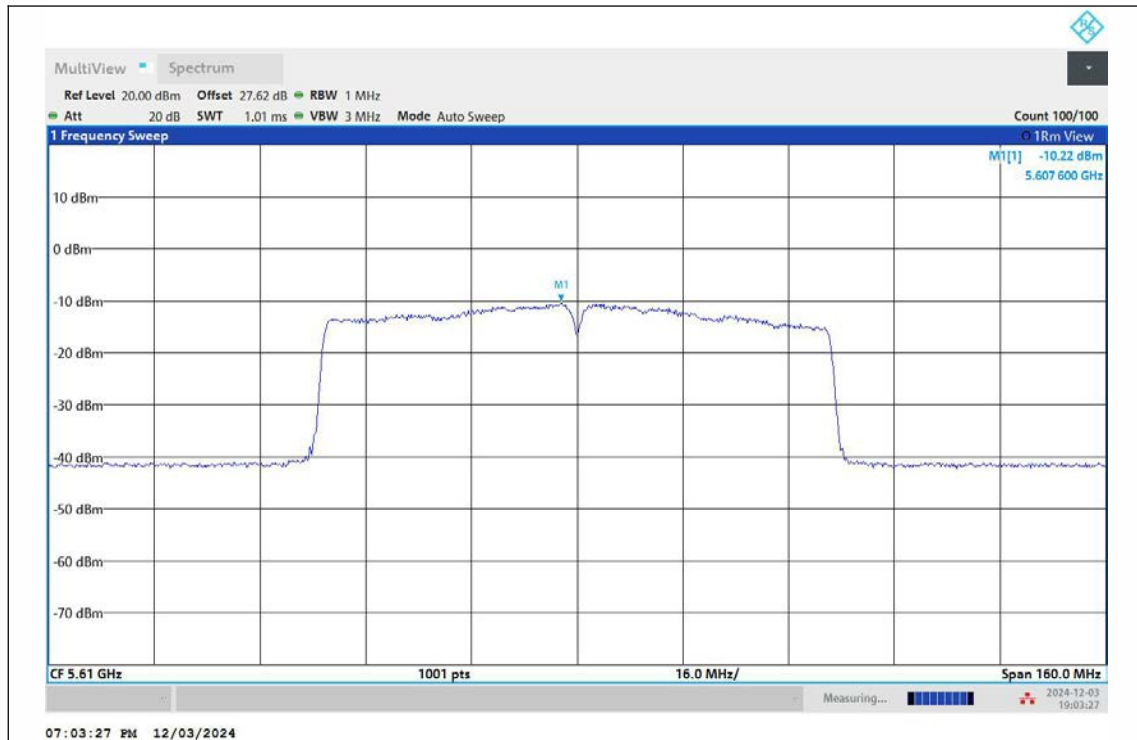
11AC80MIMO-Ant2-5290-PASS



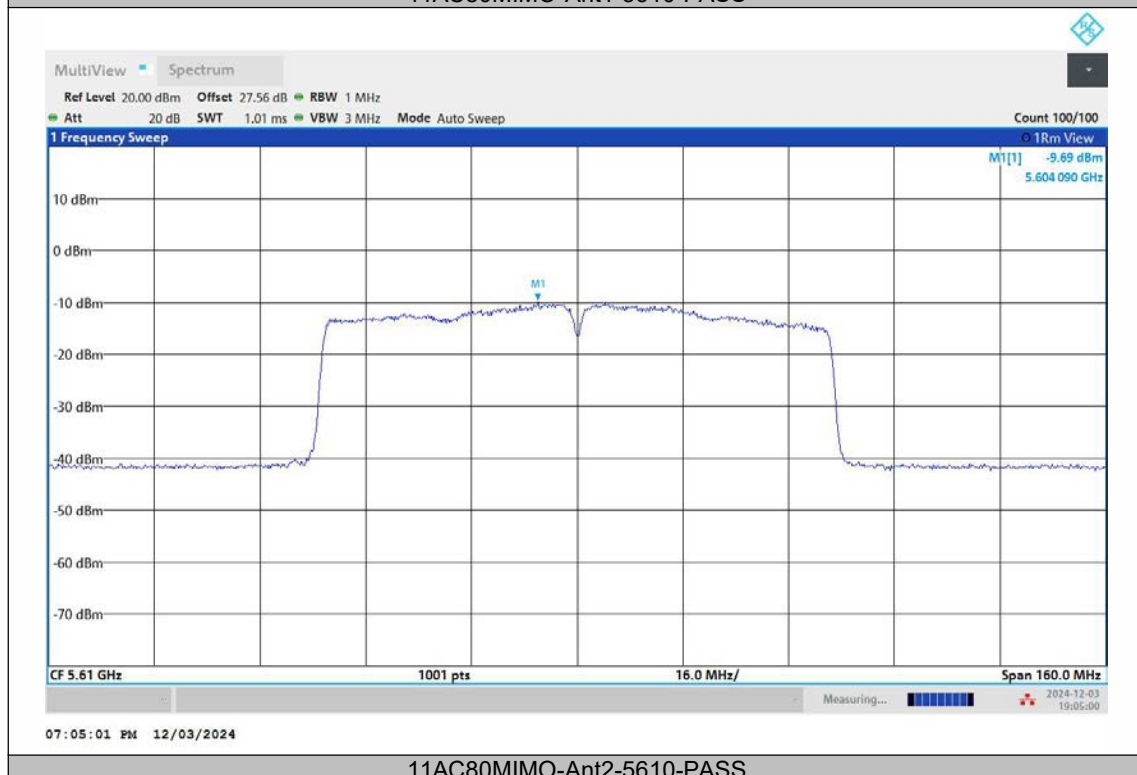
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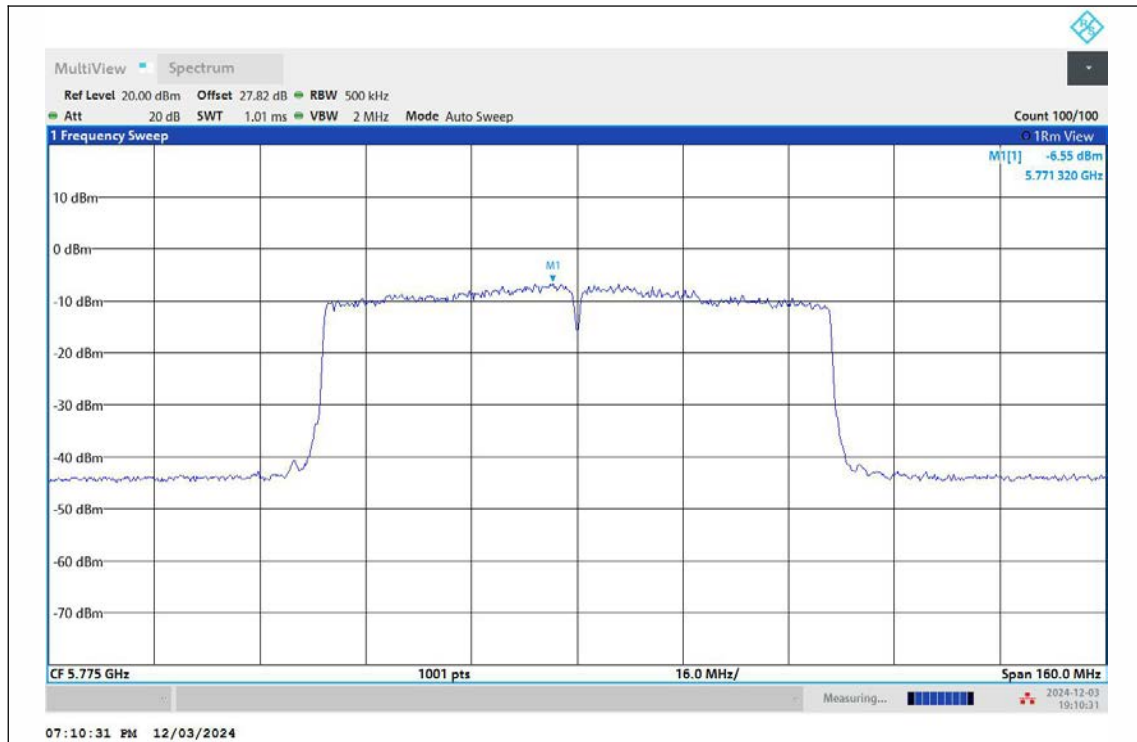
11AC80MIMO-Ant2-5530-PASS



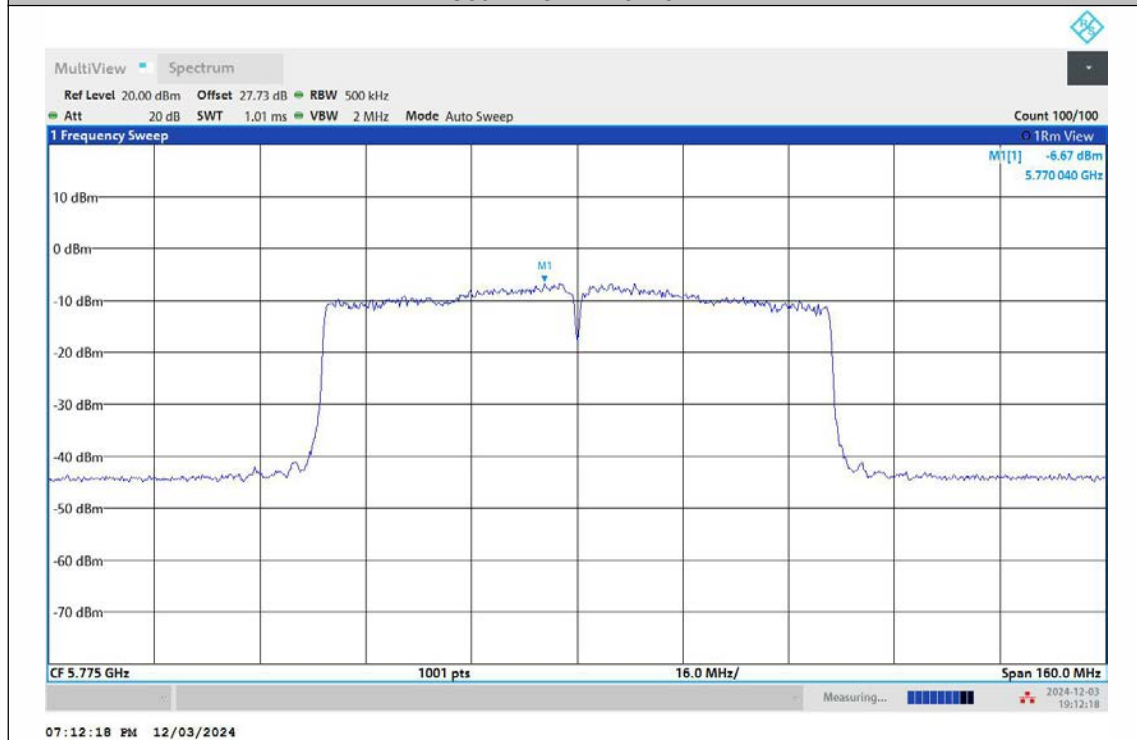
11AC80MIMO-Ant1-5610-PASS



11AC80MIMO-Ant2-5610-PASS



11AC80MIMO-Ant1-5775-PASS



11AC80MIMO-Ant2-5775-PASS

8.4 UNDESIRABLE RADIATED SPURIOUS EMISSION

8.4.1 Applicable Standard

According to FCC Part 15.407 (b)
According to 789033 D02 Section II(G)

8.4.2 Conformance Limit

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

Restricted Frequency(MHz)	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Measurement Distance
0.009-0.490	2400/F(KHz)	20 log ($\mu\text{V/m}$)	300
0.490-1.705	2400/F(KHz)	20 log ($\mu\text{V/m}$)	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The provisions of §15.205 apply to intentional radiators operating under this section, 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
10.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(2)
13.36-13.41			

- Remark:
1. Emission level in dBuV/m = $20 \log(uV/m)$
 2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
 3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of ξ 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

8.4.3 Test Configuration

Test according to clause 6.2 radio frequency test setup 2.

8.4.4 Test Procedure

■ Unwanted Emissions Measurements below 1000 MHz

Compliance shall be demonstrated using CISPR quasi-peak detection; however, peak detection is permitted as an alternative to quasi-peak detection.

The EUT was placed on a turn table which is 0.8m above ground plane.

And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

Repeat above procedures until all frequency measured was complete.

We use software control the EUT, Let EUT hopping on and transmit with highest power, All the modes have been tested and the worst result was reported.

Use the following spectrum analyzer settings:

Set RBW = 120kHz for $f < 1$ GHz (30MHz to 1GHz), 200Hz for $f < 150$ KHz (9KHz to 150KHz), 9KHz for $f < 30$ MHz (150KHz to 30KHz).

Set the VBW > RBW.

Detector = Peak.

Trace mode = max hold.

Follow the guidelines in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data.

Repeat above procedures until all frequency measured was complete.

■ Unwanted Maximum peak Emissions Measurements above 1000 MHz

Maximum emission levels are measured by setting the analyzer as follows:

RBW = 1 MHz.

VBW $\geq$ 3 MHz.

Detector = Peak.

Sweep time = auto.

Trace mode = max hold.

Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately $1/x$, where x is the duty cycle. For example, at 50 percent duty cycle, the measurement time will increase by a factor of two relative to measurement time for continuous transmission.

■ Unwanted Average Emissions Measurements above 1000 MHz

Method VB (Averaging using reduced video bandwidth): Alternative method.

RBW = 1 MHz.

Video bandwidth. • If the EUT is configured to transmit with duty cycle $\geq$ 98 percent, set $VBW \leq RBW/100$ (i.e., 10 kHz) but not less than 10 Hz.

• If the EUT duty cycle is < 98 percent, set $VBW \geq 1/T$, where T is defined in section II.B.1.a).

Video bandwidth mode or display mode • The instrument shall be set to ensure that video filtering is applied in the power domain. Typically, this requires setting the detector mode to RMS and setting the Average-VBW Type to Power (RMS).

• As an alternative, the analyzer may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some analyzers require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode.

Detector = Peak.

Sweep time = auto.

Trace mode = max hold.

Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of $1/x$, where x is the duty cycle. For example, use at least 200 traces if the duty cycle is 25 percent. (If a specific emission is demonstrated to be continuous—i.e., 100 percent duty cycle—rather than turning on and off with the transmit cycle, at least 50 traces shall be averaged).

■ Band edge measurements.

Unwanted band-edge emissions may be measured using either of the special band-edge measurement techniques (the marker-delta or integration methods) described below. Note that the marker-delta method is primarily a radiated measurement technique that requires the 99% occupied bandwidth edge to be within 2 MHz of the authorized band edge, whereas the integration method can be used in either a radiated or conducted measurement without any special requirement with regards to the displacement of the unwanted emission(s) relative to the authorized bandwidth.

Marker-Delta Method.

The marker-delta method, as described in ANSI C63.10, can be used to perform measurements of the radiated unwanted emissions level of emissions provided that the 99% occupied bandwidth of the fundamental is within 2 MHz of the authorized band-edge.

8.4.5 Test Results

Temperature : 25°C
Humidity : 60 %

ATM Pressure:: 1011 mbar
Test Engineer: CZF

- ☒ For Undesirable radiated Spurious Emission in U-NII – 1
 - ☒ Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)
- All of the configurations or modes are tested, the data of the worst case is recorded in the report.
Highest gain of each antenna and highest output power is ANT2 and MIMO as below:

ANT2:

Test mode: 802.11n(20) Frequency(MHz): 5180

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8072.41	V	55.84	-39.39	-27	12.39
9977.52	V	59.82	-35.41	-27	8.41
14327.7	V	63.19	-32.04	-27	5.04
8686.45	H	57.31	-37.92	-27	10.92
10748.5	H	61.02	-34.21	-27	7.21
14125.7	H	62.44	-32.79	-27	5.79

Test mode: 802.11n(20) Frequency(MHz): 5200

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8631.44	V	56.31	-38.92	-27	11.92
11080.5	V	60.54	-34.69	-27	7.69
14126.7	V	62.59	-32.64	-27	5.64
8664.45	H	56.54	-38.69	-27	11.69
10751.5	H	61.05	-34.18	-27	7.18
14286.7	H	63.25	-31.98	-27	4.98

Test mode: 802.11n(20) Frequency(MHz): 5240

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
7990.41	V	56.34	-38.89	-27	11.89
10697.5	V	60.81	-34.42	-27	7.42
14223.7	V	62.60	-32.63	-27	5.63
9286.48	H	57.30	-37.93	-27	10.93
11014.5	H	60.42	-34.81	-27	7.81
14229.7	H	62.47	-32.76	-27	5.76

MIMO:

Test mode: 802.11n(20) Frequency(MHz): 5180

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8071.0200	V	55.71	-39.52	-27	12.52
9976.1300	V	59.66	-35.57	-27	8.57
14328.9800	V	63.16	-32.07	-27	5.07
8698.1400	H	57.23	-38.00	-27	11.00
10760.1900	H	60.81	-34.42	-27	7.42
14137.3900	H	62.28	-32.95	-27	5.95

Test mode: 802.11n(20) Frequency(MHz): 5200

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8630.0500	V	56.18	-39.05	-27	12.05
11079.1100	V	60.38	-34.85	-27	7.85
14127.9800	V	62.56	-32.67	-27	5.67
8676.1400	H	56.46	-38.77	-27	11.77
10763.1900	H	60.84	-34.39	-27	7.39
14298.3900	H	63.09	-32.14	-27	5.14

Test mode: 802.11n(20) Frequency(MHz): 5240

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
7989.0200	V	56.21	-39.02	-27	12.02
10696.1100	V	60.65	-34.58	-27	7.58
14224.9800	V	62.57	-32.66	-27	5.66
9298.1700	H	57.22	-38.01	-27	11.01
11026.1900	H	60.21	-35.02	-27	8.02
14241.3900	H	62.31	-32.92	-27	5.92

Note: (1) All Readings are Peak Value (VBW=3MHz) and AV Value (VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

ANT2:

Test mode: 802.11n(20)		Frequency(MHz): 5180			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8072.41	V	55.84	74.00	18.16	Peak
9977.52	V	59.82	74.00	14.18	Peak
14327.7	V	63.19	74.00	10.81	Peak
8072.41	V	40.62	54.00	13.38	Avg
9977.52	V	41.76	54.00	12.24	Avg
14327.7	V	47.90	54.00	6.10	Avg
8686.45	H	57.31	74.00	16.69	Peak
10748.5	H	61.02	74.00	12.98	Peak
14125.7	H	62.44	74.00	11.56	Peak
8686.45	H	42.56	54.00	11.44	Avg
10748.5	H	44.84	54.00	9.16	Avg
14125.7	H	43.97	54.00	10.03	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5200			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8631.44	V	56.31	74.00	17.69	Peak
11080.5	V	60.54	74.00	13.46	Peak
14126.7	V	62.59	74.00	11.41	Peak
8631.44	V	41.54	54.00	12.46	Avg
11080.5	V	44.49	54.00	9.51	Avg
14126.7	V	44.18	54.00	9.82	Avg
8664.45	H	56.54	74.00	17.46	Peak
10751.5	H	61.05	74.00	12.95	Peak
14286.7	H	63.25	74.00	10.75	Peak
8664.45	H	42.07	54.00	11.93	Avg
10751.5	H	44.41	54.00	9.59	Avg
14286.7	H	47.93	54.00	6.07	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5240			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
7990.41	V	56.34	74.00	17.66	Peak
10697.5	V	60.81	74.00	13.19	Peak
14223.7	V	62.60	74.00	11.40	Peak
7990.41	V	39.86	54.00	14.14	Avg
10697.5	V	45.27	54.00	8.73	Avg
14223.7	V	45.99	54.00	8.01	Avg
9286.48	H	57.30	74.00	16.70	Peak
11014.5	H	60.42	74.00	13.58	Peak
14229.7	H	62.47	74.00	11.53	Peak
9286.48	H	43.23	54.00	10.77	Avg
11014.5	H	44.48	54.00	9.52	Avg
14229.7	H	46.17	54.00	7.83	Avg

MIMO:

Test mode: 802.11n(20)		Frequency(MHz): 5180			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8071.0200	V	55.71	74.00	18.29	Peak
9976.1300	V	59.66	74.00	14.34	Peak
14328.9800	V	63.16	74.00	10.84	Peak
8073.6900	V	40.60	54.00	13.40	Avg
9975.2700	V	41.50	54.00	12.50	Avg
14325.4500	V	47.71	54.00	6.29	Avg
8698.1400	H	57.23	74.00	16.77	Peak
10760.1900	H	60.81	74.00	13.19	Peak
14137.3900	H	62.28	74.00	11.72	Peak
8698.1400	H	42.42	54.00	11.58	Avg
10745.1900	H	44.66	54.00	9.34	Avg
14122.3900	H	43.84	54.00	10.16	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5200			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8630.0500	V	56.18	74.00	17.82	Peak
11079.1100	V	60.38	74.00	13.62	Peak
14127.9800	V	62.56	74.00	11.44	Peak
8632.7200	V	41.52	54.00	12.48	Avg
11078.2500	V	44.23	54.00	9.77	Avg
14124.4500	V	43.99	54.00	10.01	Avg
8676.1400	H	56.46	74.00	17.54	Peak
10763.1900	H	60.84	74.00	13.16	Peak
14298.3900	H	63.09	74.00	10.91	Peak
8676.1400	H	41.93	54.00	12.07	Avg
10748.1900	H	44.23	54.00	9.77	Avg
14283.3900	H	47.80	54.00	6.20	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5240			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
7989.0200	V	56.21	74.00	17.79	Peak
10696.1100	V	60.65	74.00	13.35	Peak
14224.9800	V	62.57	74.00	11.43	Peak
7991.6900	V	39.84	54.00	14.16	Avg
10695.2500	V	45.01	54.00	8.99	Avg
14221.4500	V	45.80	54.00	8.20	Avg
9298.1700	H	57.22	74.00	16.78	Peak
11026.1900	H	60.21	74.00	13.79	Peak
14241.3900	H	62.31	74.00	11.69	Peak
9298.1700	H	43.09	54.00	10.91	Avg
11011.1900	H	44.30	54.00	9.70	Avg
14226.3900	H	46.04	54.00	7.96	Avg

- Note:** (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor +Cable Loss.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

● ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

Test mode: 802.11AC(HT20) Frequency(MHz): 5180

Freq. (MHz)	Ant.Pol. H/V	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5146.1	V	52.50	-42.73	-27	Pass
5146.1	H	54.73	-40.5	-27	Pass

Test mode: 802.11AC(HT20) Frequency(MHz): 5240

Freq. (MHz)	Ant.Pol. H/V	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5351.62	V	53.09	-42.14	-27	Pass
5352.02	H	53.21	-42.02	-27	Pass

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor +Cable Loss.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

Test mode: 802.11AC(HT20) Frequency(MHz): 5180

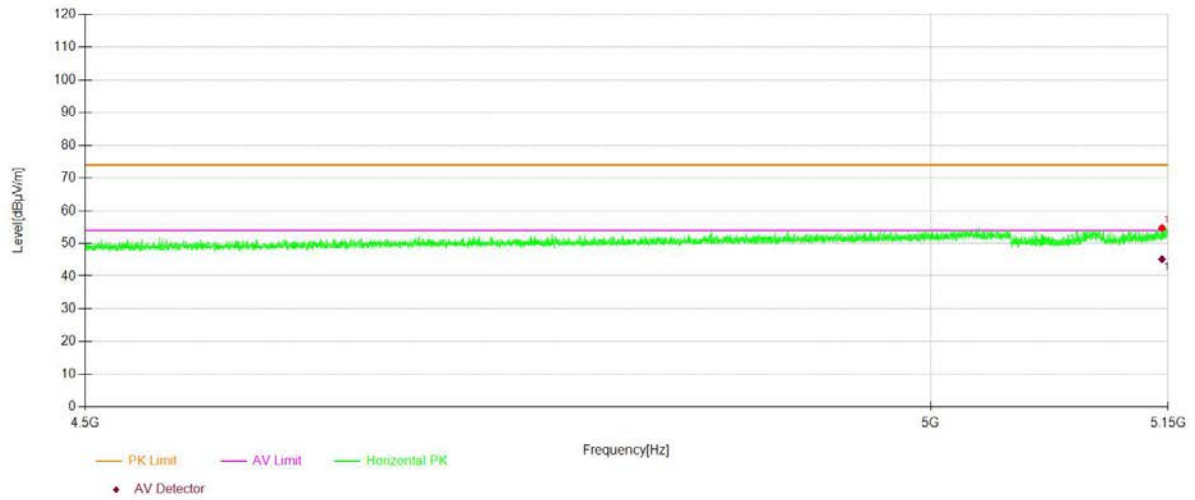
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
5146.1	V	52.50	74.00	21.50	Peak
5146.1	V	44.72	54.00	9.28	Avg
5146.1	H	54.73	74.00	19.27	Peak
5146.1	H	45.18	54.00	8.82	Avg

Test mode: 802.11AC(HT20) Frequency(MHz): 5240

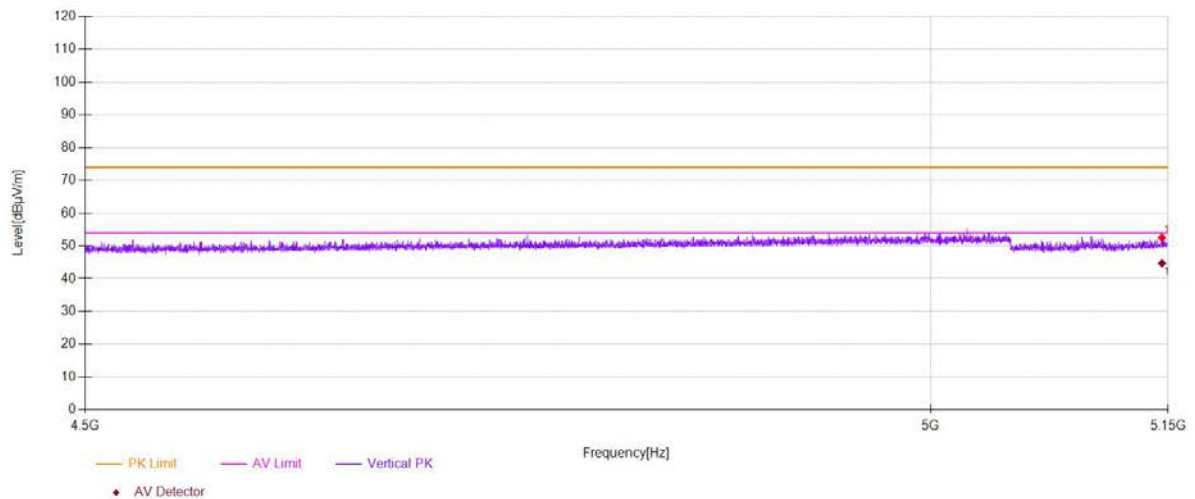
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
5351.62	V	53.09	74.00	20.91	Peak
5351.62	V	45.20	54.00	8.80	Avg
5352.02	H	53.21	74.00	20.79	Peak
5352.02	H	44.89	54.00	9.11	Avg

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor +Cable Loss.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

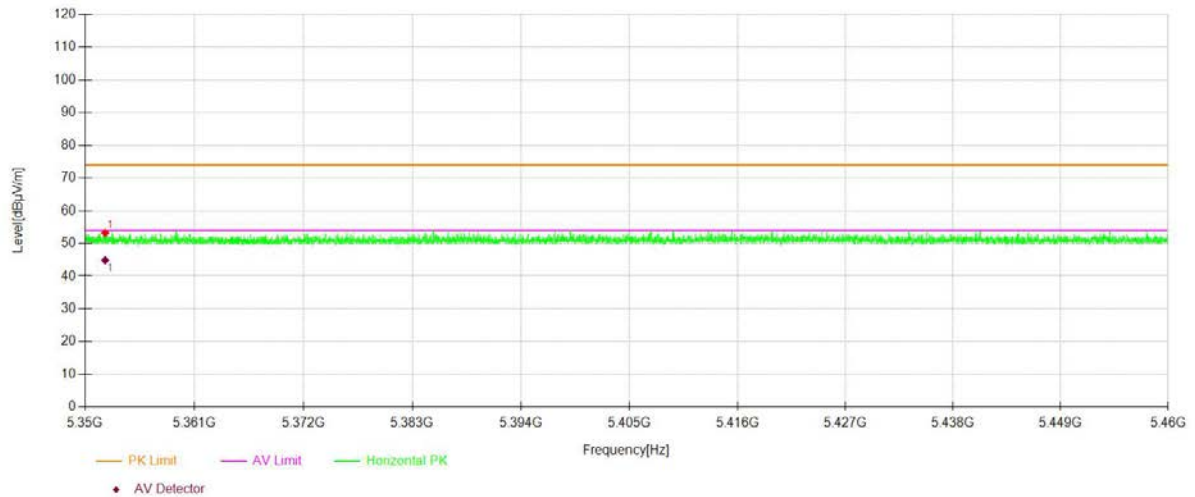
Test Model U-NII - 1
Undesirable radiated Spurious Emission in Restricted Band (5100-5150MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11n(HT40)
☒ 5180 ☐ 5200 ☐ 5240 Ant.Pol H



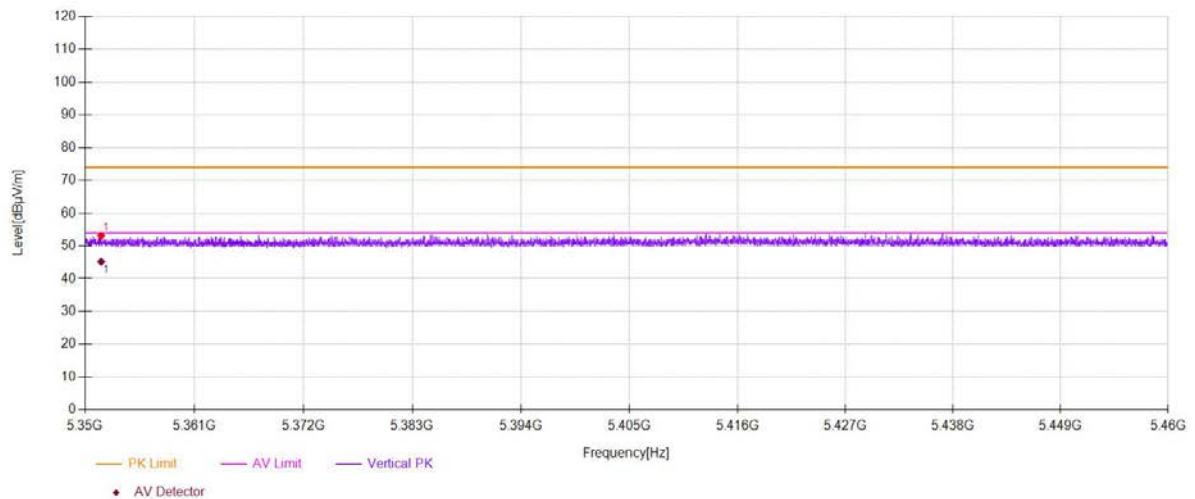
Test Model U-NII - 1
Undesirable radiated Spurious Emission in Restricted Band (5100-5150MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11n(HT40)
☒ 5180 ☐ 5200 ☐ 5240 Ant.Pol V



Test Model U-NII - 1
Undesirable radiated Spurious Emission in Restricted Band (5350-5400MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11n(HT40)
☐ 5180 ☐ 5200 ☒ 5240 Ant.Pol H



Test Model U-NII - 1
Undesirable radiated Spurious Emission in Restricted Band (5350-5400MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11n(HT40)
☐ 5180 ☐ 5200 ☒ 5240 Ant.Pol V



- ☒ For Undesirable radiated Spurious Emission in U-NII -2A
- ☒ Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

All of the configurations or modes are tested, the data of the worst case is recorded in the report.
Highest gain of each antenna and highest output power is ANT2 and MIMO as below:

ANT2:

Test mode: 802.11AX(HT20) Frequency(MHz): 5260

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8673.45	V	56.62	-38.61	-27	11.61
10984.5	V	61.20	-34.03	-27	7.03
14231.7	V	62.53	-32.7	-27	5.7
8681.45	H	56.35	-38.88	-27	11.88
11070.5	H	60.50	-34.73	-27	7.73
14275.7	H	63.22	-32.01	-27	5.01

Test mode: 802.11AX(HT20) Frequency(MHz): 5280

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8712.45	V	56.43	-38.8	-27	11.8
10974.5	V	60.84	-34.39	-27	7.39
14294.7	V	64.64	-30.59	-27	3.59
8033.41	H	55.37	-39.86	-27	12.86
9914.52	H	59.45	-35.78	-27	8.78
14277.7	H	62.58	-32.65	-27	5.65

Test mode: 802.11AX(HT20) Frequency(MHz): 5320

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8702.45	V	56.24	-38.99	-27	11.99
11075.5	V	60.30	-34.93	-27	7.93
14260.7	V	62.65	-32.58	-27	5.58
8699.45	H	56.78	-38.45	-27	11.45
10681.5	H	60.58	-34.65	-27	7.65
14281.7	H	63.03	-32.2	-27	5.2

MIMO:

Test mode: 802.11AX(HT20) Frequency(MHz): 5260

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8672.0600	V	56.49	-38.74	-27	11.74
10983.1100	V	61.04	-34.19	-27	7.19
14232.9800	V	62.5	-32.73	-27	5.73
8693.1400	H	56.27	-38.96	-27	11.96
11082.1900	H	60.29	-34.94	-27	7.94
14287.3900	H	63.06	-32.17	-27	5.17

Test mode: 802.11AX(HT20) Frequency(MHz): 5280

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8711.0600	V	56.3	-38.93	-27	11.93
10973.1100	V	60.68	-34.55	-27	7.55
14295.9800	V	64.61	-30.62	-27	3.62
8045.1000	H	55.29	-39.94	-27	12.94
9926.2100	H	59.24	-35.99	-27	8.99
14289.3900	H	62.42	-32.81	-27	5.81

Test mode: 802.11AX(HT20) Frequency(MHz): 5320

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8701.0600	V	56.11	-39.12	-27	12.12
11074.1100	V	60.14	-35.09	-27	8.09
14261.9800	V	62.62	-32.61	-27	5.61
8711.1400	H	56.7	-38.53	-27	11.53
10693.1900	H	60.37	-34.86	-27	7.86
14293.3900	H	62.87	-32.36	-27	5.36

Note: (1) All Readings are Peak Value (VBW=3MHz) and AV Value (VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

ANT2:

Test mode: 802.11n(20)		Frequency(MHz): 5260			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8673.45	V	56.62	74.00	17.38	Peak
10984.5	V	61.20	74.00	12.80	Peak
14231.7	V	62.53	74.00	11.47	Peak
8673.45	V	42.69	54.00	11.31	Avg
10984.5	V	44.12	54.00	9.88	Avg
14231.7	V	46.37	54.00	7.63	Avg
8681.45	H	56.35	74.00	17.65	Peak
11070.5	H	60.50	74.00	13.50	Peak
14275.7	H	63.22	74.00	10.78	Peak
8681.45	H	42.03	54.00	11.97	Avg
11070.5	H	43.97	54.00	10.03	Avg
14275.7	H	47.57	54.00	6.43	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5280			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8712.45	V	56.43	74.00	17.57	Peak
10974.5	V	60.84	74.00	13.16	Peak
14294.7	V	64.64	74.00	9.36	Peak
8712.45	V	42.47	54.00	11.53	Avg
10974.5	V	43.88	54.00	10.12	Avg
14294.7	V	48.09	54.00	5.91	Avg
8033.41	H	55.37	74.00	18.63	Peak
9914.52	H	59.45	74.00	14.55	Peak
14277.7	H	62.58	74.00	11.42	Peak
8033.41	H	40.29	54.00	13.71	Avg
9914.52	H	41.21	54.00	12.79	Avg
14277.7	H	47.53	54.00	6.47	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5320			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8702.45	V	56.24	74.00	17.76	Peak
11075.5	V	60.30	74.00	13.70	Peak
14260.7	V	62.65	74.00	11.35	Peak
8702.45	V	42.56	54.00	11.44	Avg
11075.5	V	44.20	54.00	9.80	Avg
14260.7	V	46.98	54.00	7.02	Avg
8699.45	H	56.78	74.00	17.22	Peak
10681.5	H	60.58	74.00	13.42	Peak
14281.7	H	63.03	74.00	10.97	Peak
8699.45	H	42.33	54.00	11.67	Avg
10681.5	H	44.72	54.00	9.28	Avg
14281.7	H	47.43	54.00	6.57	Avg

MIMO:

Test mode: 802.11n(20)		Frequency(MHz): 5260			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8672.0600	V	56.49	74.00	17.51	Peak
10983.1100	V	61.04	74.00	12.96	Peak
14232.9800	V	62.50	74.00	11.50	Peak
8674.7300	V	42.67	54.00	11.33	Avg
10982.2500	V	43.86	54.00	10.14	Avg
14229.4500	V	46.18	54.00	7.82	Avg
8693.1400	H	56.27	74.00	17.73	Peak
11082.1900	H	60.29	74.00	13.71	Peak
14287.3900	H	63.06	74.00	10.94	Peak
8693.1400	H	41.89	54.00	12.11	Avg
11067.1900	H	43.79	54.00	10.21	Avg
14272.3900	H	47.44	54.00	6.56	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5280			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8711.0600	V	56.30	74.00	17.70	Peak
10973.1100	V	60.68	74.00	13.32	Peak
14295.9800	V	64.61	74.00	9.39	Peak
8713.7300	V	42.45	54.00	11.55	Avg
10972.2500	V	43.62	54.00	10.38	Avg
14292.4500	V	47.90	54.00	6.10	Avg
8045.1000	H	55.29	74.00	18.71	Peak
9926.2100	H	59.24	74.00	14.76	Peak
14289.3900	H	62.42	74.00	11.58	Peak
8045.1000	H	40.15	54.00	13.85	Avg
9911.2100	H	41.03	54.00	12.97	Avg
14274.3900	H	47.40	54.00	6.60	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5320			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8701.0600	V	56.11	74.00	17.89	Peak
11074.1100	V	60.14	74.00	13.86	Peak
14261.9800	V	62.62	74.00	11.38	Peak
8703.7300	V	42.54	54.00	11.46	Avg
11073.2500	V	43.94	54.00	10.06	Avg
14258.4500	V	46.79	54.00	7.21	Avg
8711.1400	H	56.70	74.00	17.30	Peak
10693.1900	H	60.37	74.00	13.63	Peak
14293.3900	H	62.87	74.00	11.13	Peak
8711.1400	H	42.19	54.00	11.81	Avg
10678.1900	H	44.54	54.00	9.46	Avg
14278.3900	H	47.30	54.00	6.70	Avg

- Note:** (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor +Cable Loss.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

● ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

Test mode: 802.11AC(HT20) Frequency(MHz): 5260

Freq. (MHz)	Ant.Pol. H/V	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5146.18	V	53.70	-41.53	-27	Pass
5140.25	H	53.18	-42.05	-27	Pass

Test mode: 802.11AC(HT20) Frequency(MHz): 5320

Freq. (MHz)	Ant.Pol. H/V	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5350.92	V	53.08	-42.15	-27	Pass
5350.42	H	53.15	-42.08	-27	Pass

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
 (2) Emission Level= Reading Level+Correct Factor +Cable Loss.
 (3) Correct Factor= Ant_F + Cab_L - Preamp
 (4) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77
 d is the measurement distance in 3 meters

Test mode: 802.11AC(HT20) Frequency(MHz): 5260

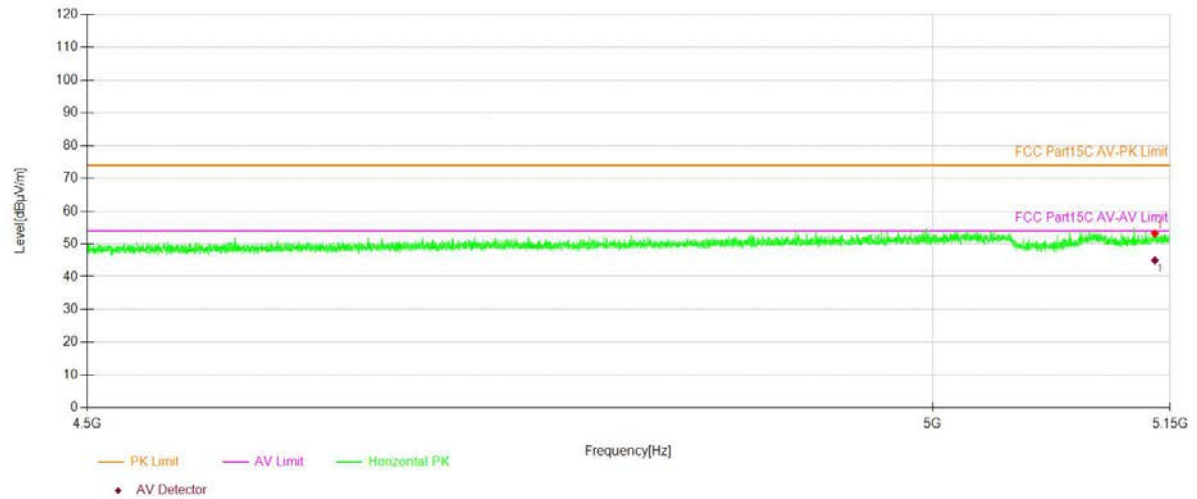
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
5146.18	V	53.70	74.00	20.30	Peak
5146.18	V	45.24	54.00	8.76	Avg
5140.25	H	53.18	74.00	20.82	Peak
5140.25	H	44.98	54.00	9.02	Avg

Test mode: 802.11AC(HT20) Frequency(MHz): 5320

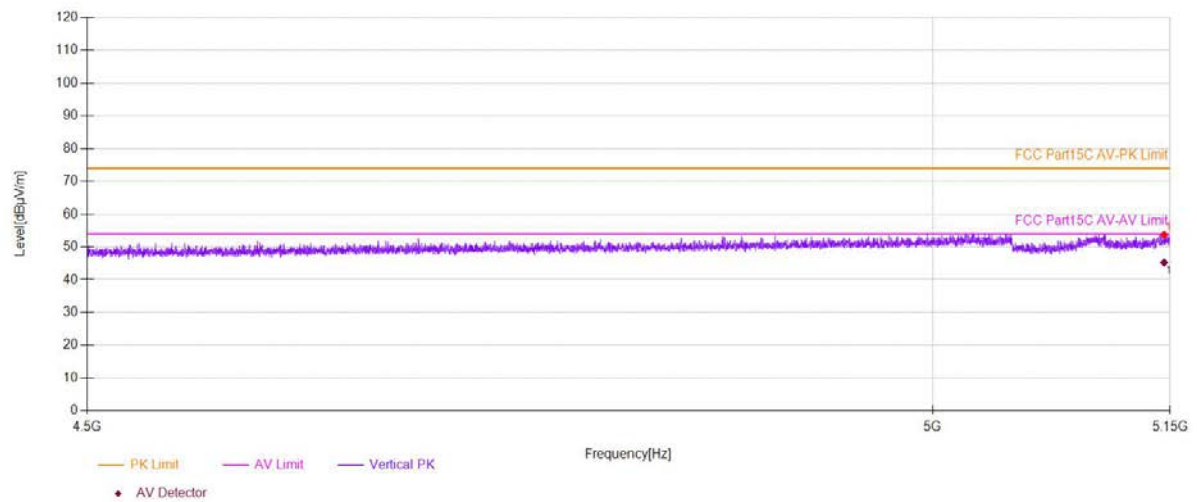
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
5350.92	V	53.08	74.00	20.92	Peak
5350.92	V	44.90	54.00	9.10	Avg
5350.42	H	53.15	74.00	20.85	Peak
5350.42	H	45.66	54.00	8.34	Avg

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
 (2) Emission Level= Reading Level+Correct Factor +Cable Loss.
 (3) Correct Factor= Ant_F + Cab_L - Preamp
 (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

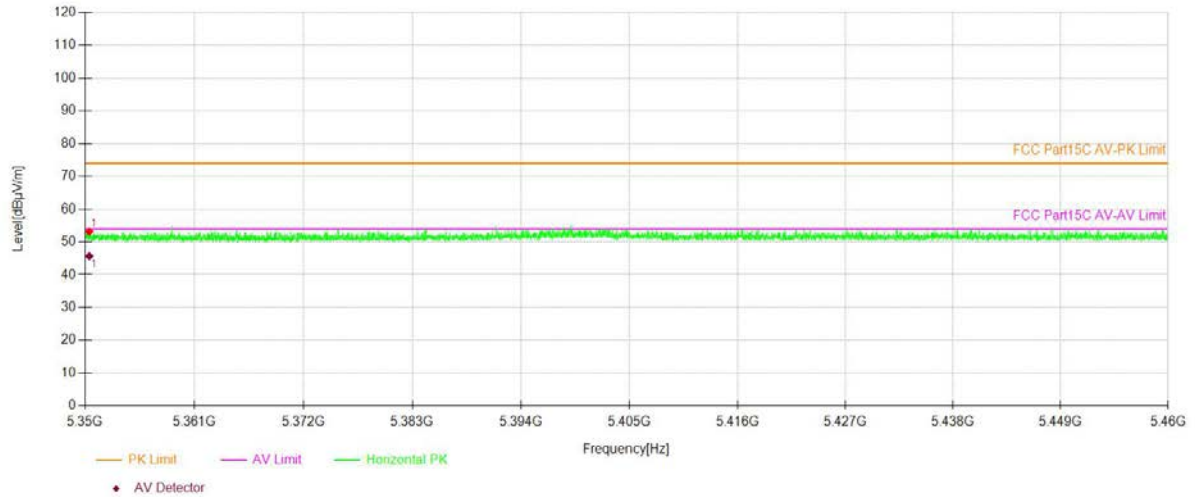
Test Model U-NII -2A
Undesirable radiated Spurious Emission in Restricted Band (5100-5150MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11 ac (VHT20)
☒ 5260 ☐ 5300 ☐ 5320 Ant.Pol H



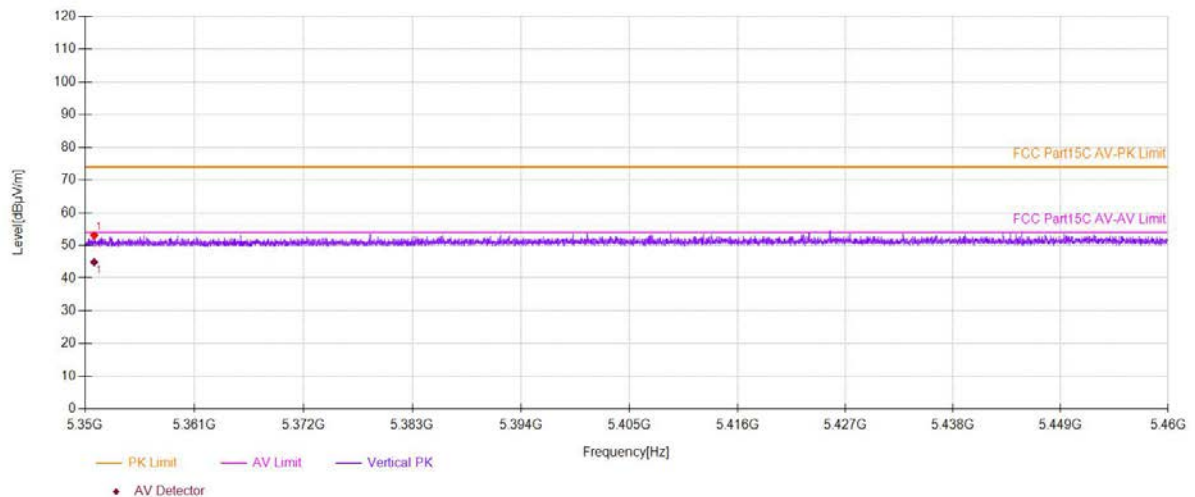
Test Model U-NII -2A
Undesirable radiated Spurious Emission in Restricted Band (5100-5150MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11 ac (VHT20)
☒ 5260 ☐ 5300 ☐ 5320 Ant.Pol V



Test Model U-NII -2A
Undesirable radiated Spurious Emission in Restricted Band (5350-5400MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11 ac (VHT20)
☐ 5260 ☐ 5300 ☒ 5320 Ant.Pol H



Test Model U-NII -2A
Undesirable radiated Spurious Emission in Restricted Band (5350-5400MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11 ac (VHT20)
☐ 5260 ☐ 5300 ☒ 5320 Ant.Pol V



- ☒ For Undesirable radiated Spurious Emission in U-NII -2C
 - ☒ Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)
- All of the configurations or modes are tested, the data of the worst case is recorded in the report.
Highest gain of each antenna and highest output power is ANT2 and MIMO as below:

ANT2:

Test mode: 802.11n(20) Frequency(MHz): 5500

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8660.45	V	56.29	-38.94	-27	11.94
10687.5	V	60.77	-34.46	-27	7.46
14319.7	V	63.51	-31.72	-27	4.72
8693.45	H	56.76	-38.47	-27	11.47
10745.5	H	60.77	-34.46	-27	7.46
14271.7	H	63.42	-31.81	-27	4.81

Test mode: 802.11n(20) Frequency(MHz): 5580

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8648.44	V	56.76	-38.47	-27	11.47
10737.5	V	60.60	-34.63	-27	7.63
14275.7	V	63.33	-31.9	-27	4.9
7851.40	H	55.84	-39.39	-27	12.39
10120.5	H	59.38	-35.85	-27	8.85
14315.7	H	62.49	-32.74	-27	5.74

Test mode: 802.11n(20) Frequency(MHz): 5700

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8048.41	V	55.94	-39.29	-27	12.29
9973.52	V	59.74	-35.49	-27	8.49
14318.7	V	62.63	-32.6	-27	5.6
8680.45	H	57.05	-38.18	-27	11.18
11084.5	H	60.26	-34.97	-27	7.97
16735.9	H	62.39	-32.84	-27	5.84

MIMO:

Test mode: 802.11n(20) Frequency(MHz): 5500

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8659.0600	V	56.16	-39.07	-27	12.07
10686.1100	V	60.61	-34.62	-27	7.62
14320.9800	V	63.48	-31.75	-27	4.75
8705.1400	H	56.68	-38.55	-27	11.55
10757.1900	H	60.56	-34.67	-27	7.67
14283.3900	H	63.26	-31.97	-27	4.97

Test mode: 802.11n(20) Frequency(MHz): 5580

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8647.0500	V	56.63	-38.60	-27	11.60
10736.1100	V	60.44	-34.79	-27	7.79
14276.9800	V	63.3	-31.93	-27	4.93
7863.0900	H	55.76	-39.47	-27	12.47
10132.1900	H	59.17	-36.06	-27	9.06
14327.3900	H	62.33	-32.90	-27	5.90

Test mode: 802.11n(20) Frequency(MHz): 5700

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8047.0200	V	55.81	-39.42	-27	12.42
9972.1300	V	59.58	-35.65	-27	8.65
14319.9800	V	62.6	-32.63	-27	5.63
8692.1400	H	56.97	-38.26	-27	11.26
11096.1900	H	60.05	-35.18	-27	8.18
16747.5900	H	62.23	-33.00	-27	6.00

Note: (1) All Readings are Peak Value (VBW=3MHz) and AV Value (VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

ANT2:

Test mode: 802.11n(20)		Frequency(MHz): 5500			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8660.45	V	56.29	74.00	17.71	Peak
10687.5	V	60.77	74.00	13.23	Peak
14319.7	V	63.51	74.00	10.49	Peak
8660.45	V	41.68	54.00	12.32	Avg
10687.5	V	45.23	54.00	8.77	Avg
14319.7	V	47.40	54.00	6.60	Avg
8693.45	H	56.76	74.00	17.24	Peak
10745.5	H	60.77	74.00	13.23	Peak
14271.7	H	63.42	74.00	10.58	Peak
8693.45	H	42.68	54.00	11.32	Avg
10745.5	H	44.49	54.00	9.51	Avg
14271.7	H	47.94	54.00	6.06	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5580			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8648.44	V	56.76	74.00	17.24	Peak
10737.5	V	60.60	74.00	13.40	Peak
14275.7	V	63.33	74.00	10.67	Peak
8648.44	V	41.86	54.00	12.14	Avg
10737.5	V	44.57	54.00	9.43	Avg
14275.7	V	47.98	54.00	6.02	Avg
7851.40	H	55.84	74.00	18.16	Peak
10120.5	H	59.38	74.00	14.62	Peak
14315.7	H	62.49	74.00	11.51	Peak
7851.40	H	39.43	54.00	14.57	Avg
10120.5	H	42.48	54.00	11.52	Avg
14315.7	H	45.96	54.00	8.04	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5700			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8048.41	V	55.94	74.00	18.06	Peak
9973.52	V	59.74	74.00	14.26	Peak
14318.7	V	62.63	74.00	11.37	Peak
8048.41	V	39.93	54.00	14.07	Avg
9973.52	V	41.31	54.00	12.69	Avg
14318.7	V	46.01	54.00	7.99	Avg
8680.45	H	57.05	74.00	16.95	Peak
11084.5	H	60.26	74.00	13.74	Peak
16735.9	H	62.39	74.00	11.61	Peak
8680.45	H	42.62	54.00	11.38	Avg
11084.5	H	44.08	54.00	9.92	Avg
16735.9	H	45.31	54.00	8.69	Avg

MIMO:

Test mode: 802.11n(20)		Frequency(MHz): 5500			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8659.0600	V	56.16	74.00	17.84	Peak
10686.1100	V	60.61	74.00	13.39	Peak
14320.9800	V	63.48	74.00	10.52	Peak
8661.7300	V	41.66	54.00	12.34	Avg
10685.2500	V	44.97	54.00	9.03	Avg
14317.4500	V	47.21	54.00	6.79	Avg
8705.1400	H	56.68	74.00	17.32	Peak
10757.1900	H	60.56	74.00	13.44	Peak
14283.3900	H	63.26	74.00	10.74	Peak
8705.1400	H	42.54	54.00	11.46	Avg
10742.1900	H	44.31	54.00	9.69	Avg
14268.3900	H	47.81	54.00	6.19	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5580			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8647.0500	V	56.63	74.00	17.37	Peak
10736.1100	V	60.44	74.00	13.56	Peak
14276.9800	V	63.30	74.00	10.70	Peak
8649.7200	V	41.84	54.00	12.16	Avg
10735.2500	V	44.31	54.00	9.69	Avg
14273.4500	V	47.79	54.00	6.21	Avg
7863.0900	H	55.76	74.00	18.24	Peak
10132.1900	H	59.17	74.00	14.83	Peak
14327.3900	H	62.33	74.00	11.67	Peak
7863.0900	H	39.29	54.00	14.71	Avg
10117.1900	H	42.30	54.00	11.70	Avg
14312.3900	H	45.83	54.00	8.17	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5700			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8047.0200	V	55.81	74.00	18.19	Peak
9972.1300	V	59.58	74.00	14.42	Peak
14319.9800	V	62.60	74.00	11.40	Peak
8049.6900	V	39.91	54.00	14.09	Avg
9971.2700	V	41.05	54.00	12.95	Avg
14316.4500	V	45.82	54.00	8.18	Avg
8692.1400	H	56.97	74.00	17.03	Peak
11096.1900	H	60.05	74.00	13.95	Peak
16747.5900	H	62.23	74.00	11.77	Peak
8692.1400	H	42.48	54.00	11.52	Avg
11081.1900	H	43.90	54.00	10.10	Avg
16732.5900	H	45.18	54.00	8.82	Avg

- Note:** (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor +Cable Loss.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

● ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

Test mode: 802.11AC(HT20) Frequency(MHz): 5500

Freq. (MHz)	Ant.Pol. H/V	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5467.86	V	52.77	-42.46	-27	Pass
5469.04	H	54.63	-40.6	-27	Pass

Test mode: 802.11AC(HT20) Frequency(MHz): 5700

Freq. (MHz)	Ant.Pol. H/V	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5727.45	V	53.89	-41.34	-27	Pass
5728.11	H	55.91	-39.32	-27	Pass

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
 (2) Emission Level= Reading Level+Correct Factor +Cable Loss.
 (3) Correct Factor= Ant_F + Cab_L - Preamp
 (4) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77
 d is the measurement distance in 3 meters

Test mode: 802.11AC(HT20) Frequency(MHz): 5500

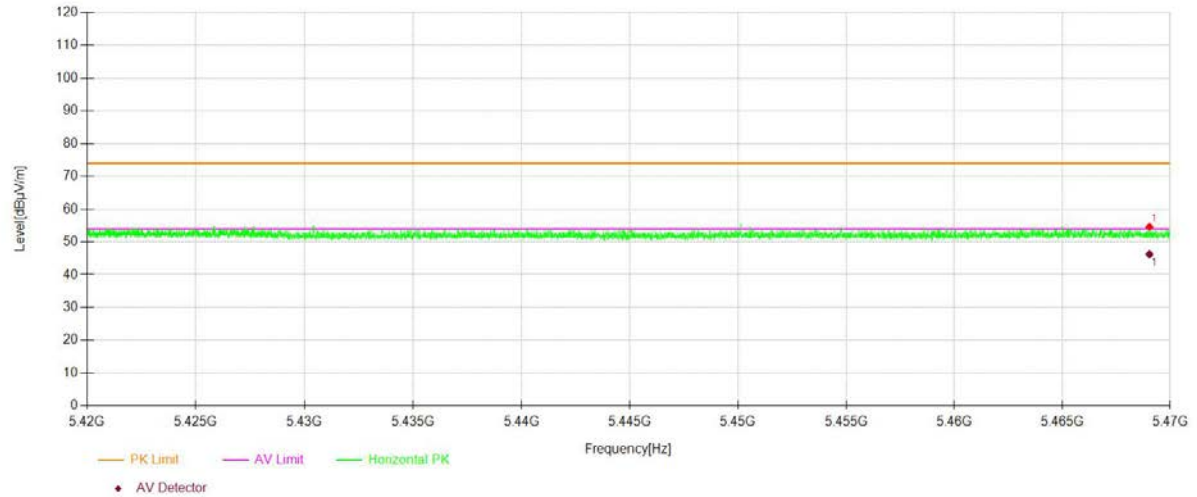
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
5467.86	V	52.77	74.00	21.23	Peak
5467.86	V	46.22	54.00	7.78	Avg
5469.04	H	54.63	74.00	19.37	Peak
5469.04	H	46.25	54.00	7.75	Avg

Test mode: 802.11AC(HT20) Frequency(MHz): 5700

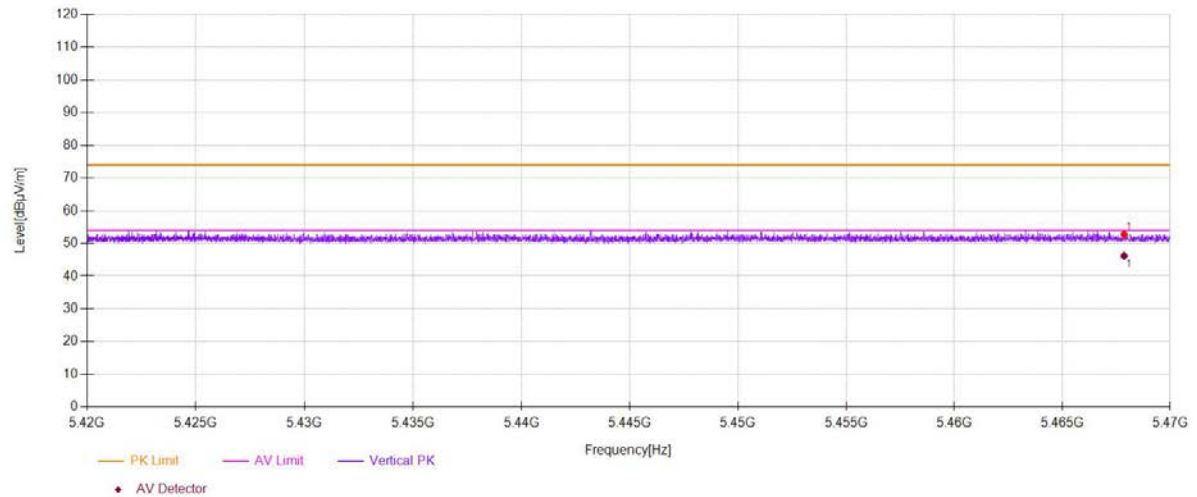
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
5727.45	V	53.89	74.00	20.11	Peak
5727.45	V	45.90	54.00	8.10	Avg
5728.11	H	55.91	74.00	18.09	Peak
5728.11	H	45.90	54.00	8.10	Avg

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
 (2) Emission Level= Reading Level+Correct Factor +Cable Loss.
 (3) Correct Factor= Ant_F + Cab_L - Preamp
 (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

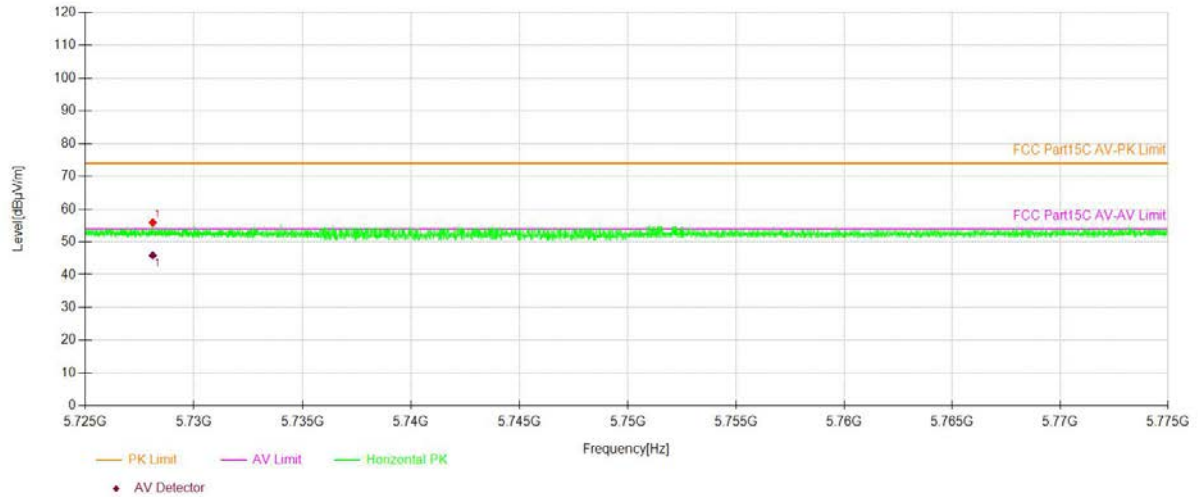
Test Model U-NII -2C
Undesirable radiated Spurious Emission in Restricted Band (5100-5150MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11 ac (VHT20)
☒ 5500 ☐ 5580 ☐ 5700 Ant.Pol H



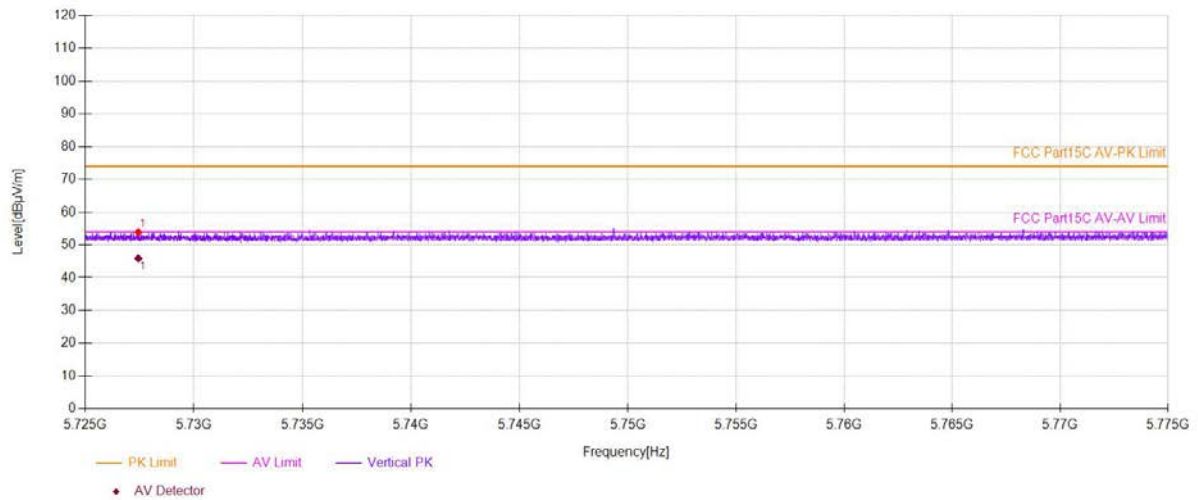
Test Model U-NII -2C
Undesirable radiated Spurious Emission in Restricted Band (5100-5150MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11 ac (VHT20)
☒ 5500 ☐ 5580 ☐ 5700 Ant.Pol V



Test Model U-NII -2C
Undesirable radiated Spurious Emission in Restricted Band (5350-5400MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11 ac (VHT20)
☐ 5500 ☐ 5580 ☒ 5700 Ant.Pol H



Test Model U-NII -2C
Undesirable radiated Spurious Emission in Restricted Band (5350-5400MHz)
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11 ac (VHT20)
☐ 5500 ☐ 5580 ☒ 5700 Ant.Pol V



- ☒ For Undesirable radiated Spurious Emission in U-NII -3

- ☒ Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

All of the configurations or modes are tested, the data of the worst case is recorded in the report.
Highest gain of each antenna and highest output power is ANT2 and MIMO as below:

ANT2:

Test mode: 802.11n(20) Frequency(MHz): 5745

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
7404.37	V	53.60	-41.63	-27	14.63
10012.5	V	59.88	-35.35	-27	8.35
14175.7	V	62.94	-32.29	-27	5.29
8682.45	H	56.75	-38.48	-27	11.48
10692.5	H	61.19	-34.04	-27	7.04
14282.7	H	63.93	-31.3	-27	4.3

Test mode: 802.11n(20) Frequency(MHz): 5785

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8097.41	V	56.49	-38.74	-27	11.74
11107.5	V	60.62	-34.61	-27	7.61
14360.7	V	62.98	-32.25	-27	5.25
8692.45	H	56.58	-38.65	-27	11.65
10685.5	H	60.78	-34.45	-27	7.45
14323.7	H	62.89	-32.34	-27	5.34

Test mode: 802.11n(20) Frequency(MHz): 5825

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8743.45	V	56.16	-39.07	-27	12.07
10687.5	V	60.83	-34.4	-27	7.4
14190.7	V	63.54	-31.69	-27	4.69
8088.41	H	40.88	-54.35	-27	27.35
11093.5	H	44.01	-51.22	-27	24.22
14269.7	H	47.74	-47.49	-27	20.49

MIMO:

Test mode: 802.11n(20) Frequency(MHz): 5745

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
7402.9800	V	53.47	-41.76	-27	14.76
10011.1100	V	59.72	-35.51	-27	8.51
14176.9800	V	62.91	-32.32	-27	5.32
8694.1400	H	56.67	-38.56	-27	11.56
10704.1900	H	60.98	-34.25	-27	7.25
14294.3900	H	63.77	-31.46	-27	4.46

Test mode: 802.11n(20) Frequency(MHz): 5785

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8096.0200	V	56.36	-38.87	-27	11.87
11106.1100	V	60.46	-34.77	-27	7.77
14361.9800	V	62.95	-32.28	-27	5.28
8704.1400	H	56.5	-38.73	-27	11.73
10697.1900	H	60.57	-34.66	-27	7.66
14335.3900	H	62.73	-32.50	-27	5.50

Test mode: 802.11n(20) Frequency(MHz): 5825

Freq. (MHz)	Ant.Pol. H/V	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8742.0600	V	56.03	-39.20	-27	12.20
10686.1100	V	60.67	-34.56	-27	7.56
14191.9800	V	63.51	-31.72	-27	4.72
8100.1000	H	55.93	-39.30	-27	12.30
11105.1900	H	60.79	-34.44	-27	7.44
14281.3900	H	62.58	-32.65	-27	5.65

Note: (1) All Readings are Peak Value (VBW=3MHz) and AV Value (VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

ANT2:

Test mode: 802.11n(20)		Frequency(MHz): 5745			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
7404.37	V	53.60	74.00	20.40	Peak
10012.5	V	59.88	74.00	14.12	Peak
14175.7	V	62.94	74.00	11.06	Peak
7404.37	V	39.39	54.00	14.61	Avg
10012.5	V	42.31	54.00	11.69	Avg
14175.7	V	44.90	54.00	9.10	Avg
8682.45	H	56.75	74.00	17.25	Peak
10692.5	H	61.19	74.00	12.81	Peak
14282.7	H	63.93	74.00	10.07	Peak
8682.45	H	42.85	54.00	11.15	Avg
10692.5	H	45.23	54.00	8.77	Avg
14282.7	H	47.15	54.00	6.85	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5785			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8097.41	V	56.49	74.00	17.51	Peak
11107.5	V	60.62	74.00	13.38	Peak
14360.7	V	62.98	74.00	11.02	Peak
8097.41	V	42.06	54.00	11.94	Avg
11107.5	V	43.90	54.00	10.10	Avg
14360.7	V	45.89	54.00	8.11	Avg
8692.45	H	56.58	74.00	17.42	Peak
10685.5	H	60.78	74.00	13.22	Peak
14323.7	H	62.89	74.00	11.11	Peak
8692.45	H	42.84	54.00	11.16	Avg
10685.5	H	45.14	54.00	8.86	Avg
14323.7	H	47.34	54.00	6.66	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5825			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8743.45	V	56.16	74.00	17.84	Peak
10687.5	V	60.83	74.00	13.17	Peak
14190.7	V	63.54	74.00	10.46	Peak
8743.45	V	42.54	54.00	11.46	Avg
10687.5	V	45.62	54.00	8.38	Avg
14190.7	V	45.20	54.00	8.80	Avg
8088.41	H	56.01	74.00	17.99	Peak
11093.5	H	61.00	74.00	13.00	Peak
14269.7	H	62.74	74.00	11.26	Peak
8088.41	H	40.88	54.00	13.12	Avg
11093.5	H	44.01	54.00	9.99	Avg
14269.7	H	47.74	54.00	6.26	Avg

MIMO:

Test mode: 802.11n(20)		Frequency(MHz): 5745			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
7402.9800	V	53.47	74.00	20.53	Peak
10011.1100	V	59.72	74.00	14.28	Peak
14176.9800	V	62.91	74.00	11.09	Peak
7405.6500	V	39.37	54.00	14.63	Avg
10010.2500	V	42.05	54.00	11.95	Avg
14173.4500	V	44.71	54.00	9.29	Avg
8694.1400	H	56.67	74.00	17.33	Peak
10704.1900	H	60.98	74.00	13.02	Peak
14294.3900	H	63.77	74.00	10.23	Peak
8694.1400	H	42.71	54.00	11.29	Avg
10689.1900	H	45.05	54.00	8.95	Avg
14279.3900	H	47.02	54.00	6.98	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5785			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8096.0200	V	56.36	74.00	17.64	Peak
11106.1100	V	60.46	74.00	13.54	Peak
14361.9800	V	62.95	74.00	11.05	Peak
8098.6900	V	42.04	54.00	11.96	Avg
11105.2500	V	43.64	54.00	10.36	Avg
14358.4500	V	45.70	54.00	8.30	Avg
8704.1400	H	56.50	74.00	17.50	Peak
10697.1900	H	60.57	74.00	13.43	Peak
14335.3900	H	62.73	74.00	11.27	Peak
8704.1400	H	42.70	54.00	11.30	Avg
10682.1900	H	44.96	54.00	9.04	Avg
14320.3900	H	47.21	54.00	6.79	Avg

Test mode: 802.11n(20)		Frequency(MHz): 5825			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Over(dB)	Detector
8742.0600	V	56.03	74.00	17.97	Peak
10686.1100	V	60.67	74.00	13.33	Peak
14191.9800	V	63.51	74.00	10.49	Peak
8744.7300	V	42.52	54.00	11.48	Avg
10685.2500	V	45.36	54.00	8.64	Avg
14188.4500	V	45.01	54.00	8.99	Avg
8100.1000	H	55.93	74.00	18.07	Peak
11105.1900	H	60.79	74.00	13.21	Peak
14281.3900	H	62.58	74.00	11.42	Peak
8100.1000	H	40.74	54.00	13.26	Avg
11090.1900	H	43.83	54.00	10.17	Avg
14266.3900	H	47.61	54.00	6.39	Avg

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
 - (2) Emission Level= Reading Level+Correct Factor +Cable Loss.
 - (3) Correct Factor= Ant_F + Cab_L - Preamp
 - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

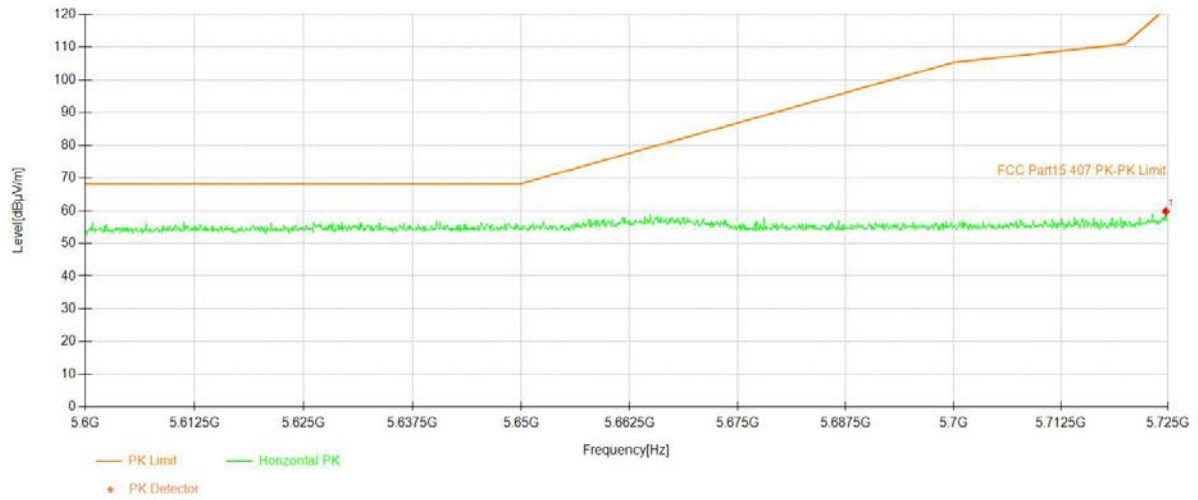
● ☒ Undesirable radiated Spurious Emission in band edge

Test mode:		802.11AC(HT20)	Frequency:	5745		
Freq. (MHz)	Ant.Pol. H/V	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict	
5723.87	V	54.75	-40.48	-27	PASS	
5724.74	H	59.84	-35.39	-27	PASS	

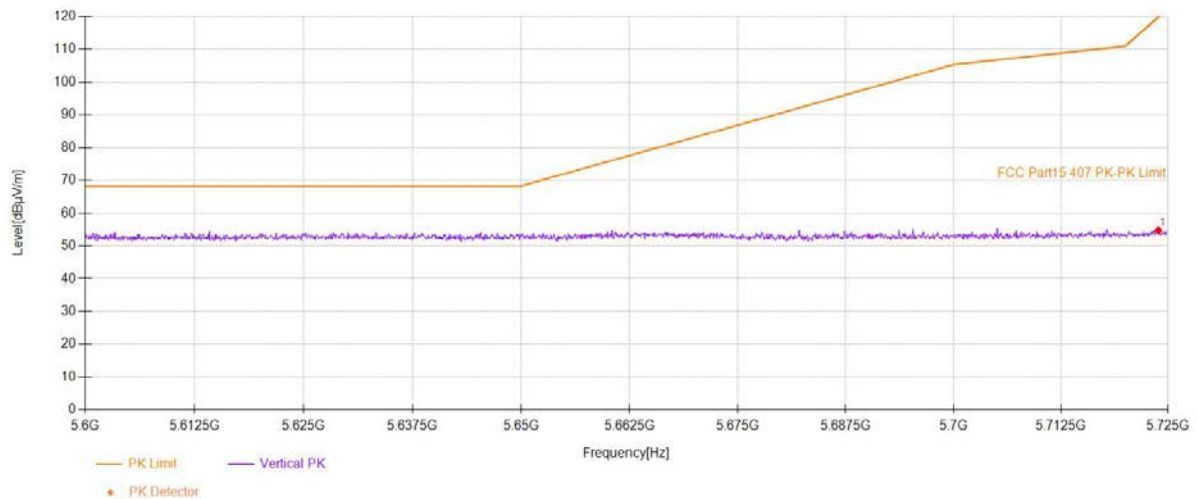
Test mode:		802.11AC(HT20)	Frequency:	5825		
Freq. (MHz)	Ant.Pol. H/V	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict	
5850.93	V	55.61	-39.62	-27	PASS	
5853.68	H	57.39	-37.84	-27	PASS	

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
 (2) Emission Level= Reading Level+Correct Factor +Cable Loss.
 (3) Correct Factor= Ant_F + Cab_L - Preamp
 (4) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77
 d is the measurement distance in 3 meters

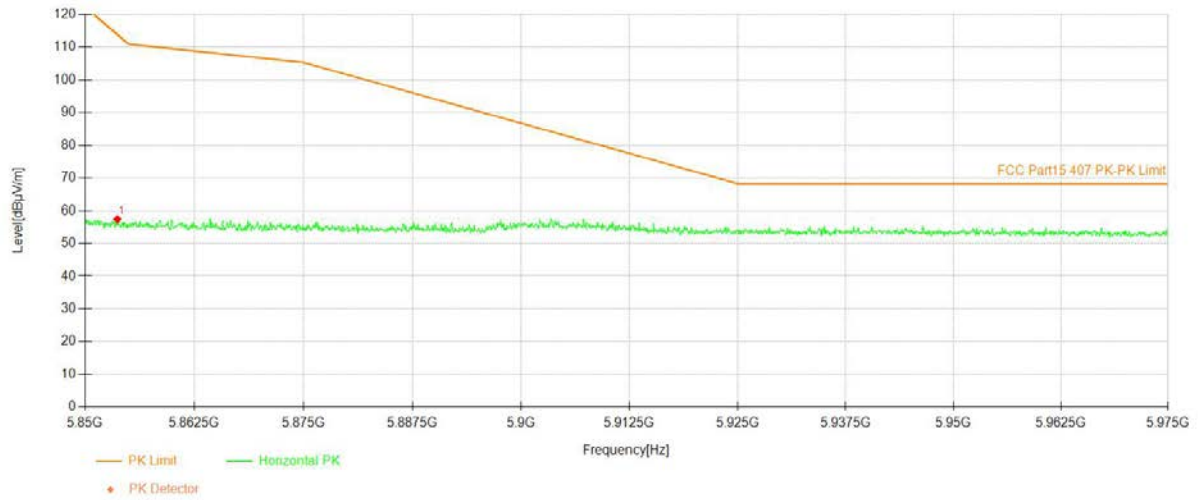
Test Model U-NII -3
 Undesirable radiated ☐ 802.11a Undesirable radiated ☒ 5745 Spurious Emission in Band Edge ☐ 802.11n(HT40)
 Ant.Pol H



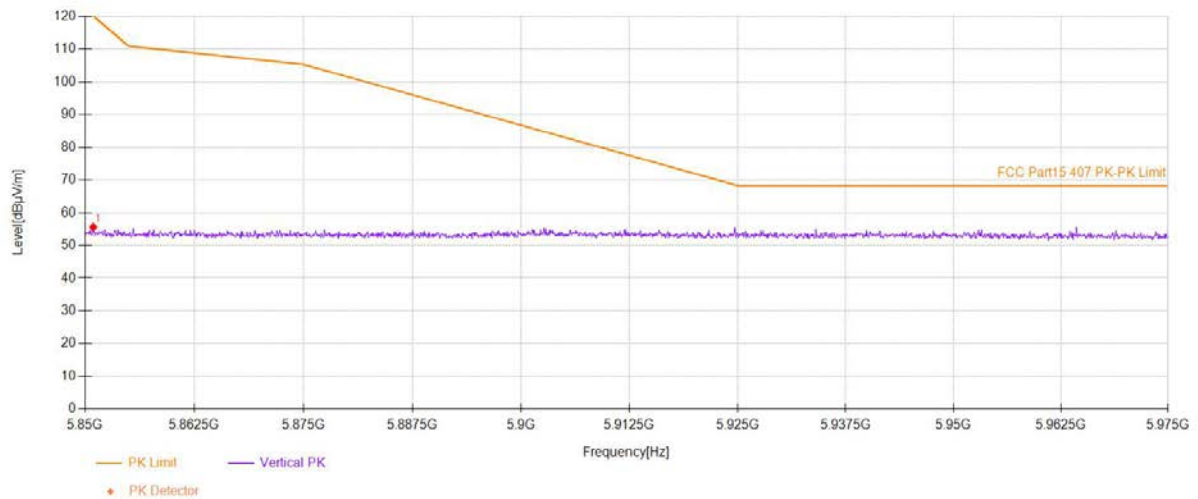
Test Model U-NII -3
 Undesirable radiated ☐ 802.11a Undesirable radiated ☒ 5745 Spurious Emission in Band Edge ☐ 802.11n(HT40)
 Ant.Pol V



Test Model U-NII -3
Undesirable radiated Undesirable radiated Spurious Emission in Band Edge
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11n(HT40)
☒ 5825 Ant.Pol H

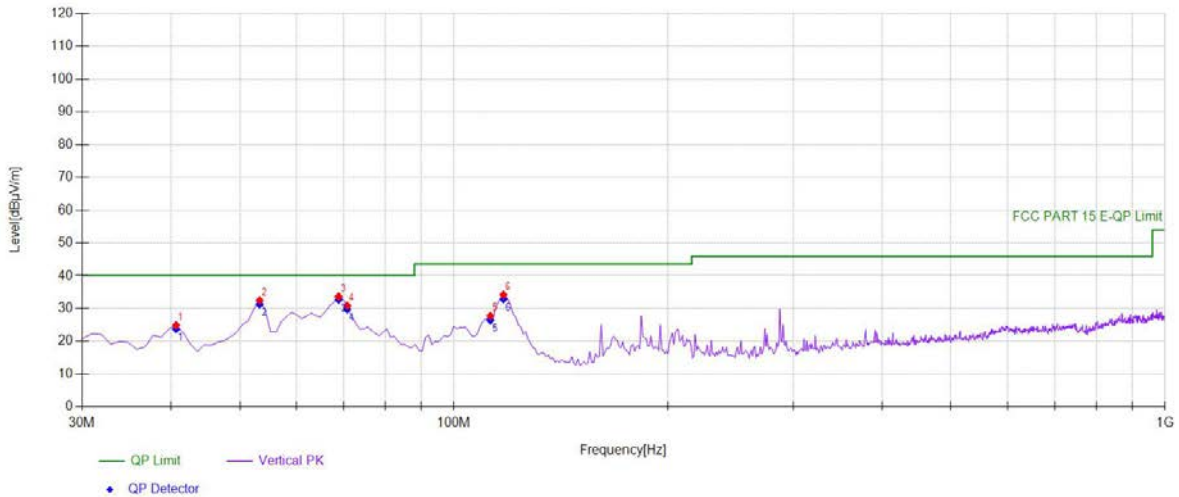


Test Model U-NII -3
Undesirable radiated Undesirable radiated Spurious Emission in Band Edge
☐ 802.11a ☒ 802.11AC(HT20) ☐ 802.11n(HT40)
☒ 5825 Ant.Pol V



- Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)
All of the configurations or modes are tested, the data of the worst case is recorded in the report.

Test mode: 802.11A(20) Frequency(MHz): 5180

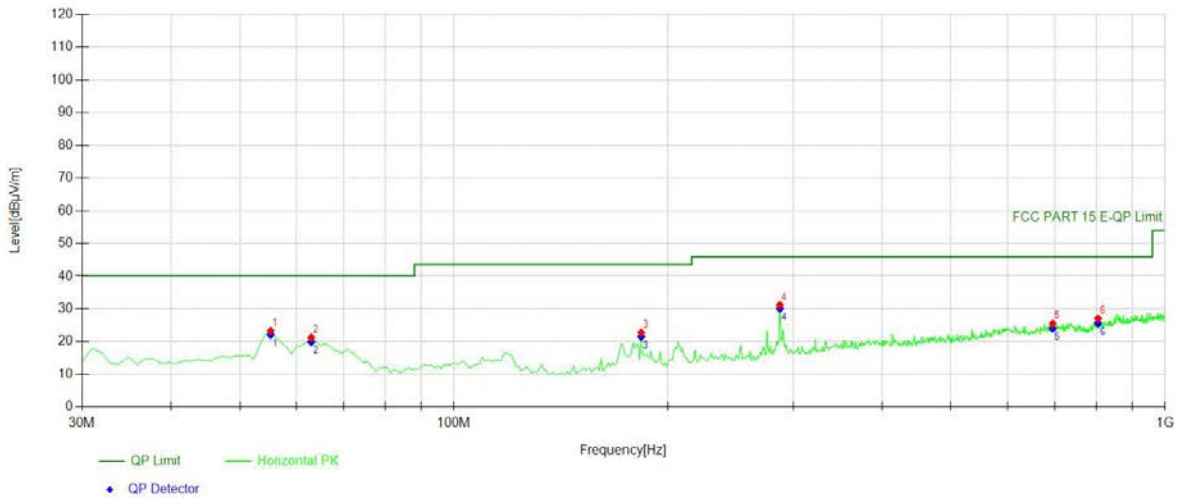


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	40.6807	42.28	-17.39	24.89	PK	40.00	15.11	Vertical
2	53.3033	49.00	-16.54	32.46	PK	40.00	7.54	Vertical
3	68.8388	52.30	-18.63	33.67	PK	40.00	6.33	Vertical
4	70.7808	49.70	-18.90	30.80	PK	40.00	9.20	Vertical
5	112.532	45.78	-18.05	27.73	PK	43.50	15.77	Vertical
6	117.387	52.59	-18.43	34.16	PK	43.50	9.34	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	40.6807	-17.39	23.77	40.00	16.23
2	53.3033	-16.54	31.26	40.00	8.74
3	68.8388	-18.63	32.65	40.00	7.35
4	70.7808	-18.90	29.78	40.00	10.22
5	112.5325	-18.05	26.39	43.50	17.11
6	117.3874	-18.43	32.82	43.50	10.68



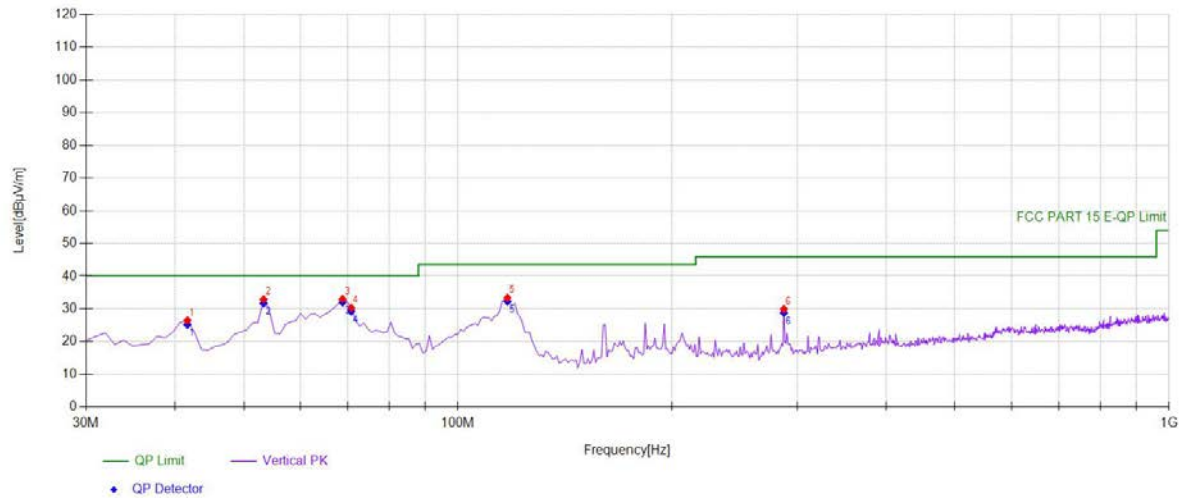
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	55.2452	40.09	-16.80	23.29	PK	40.00	16.71	Horizontal
2	63.013	39.04	-17.84	21.20	PK	40.00	18.80	Horizontal
3	183.413	41.20	-18.42	22.78	PK	43.50	20.72	Horizontal
4	287.307	45.62	-14.45	31.17	PK	46.00	14.83	Horizontal
5	695.115	31.85	-6.37	25.48	PK	46.00	20.52	Horizontal
6	804.834	32.42	-5.41	27.01	PK	46.00	18.99	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	55.2452	-16.80	22.05	40.00	17.95
2	63.013	-17.84	19.88	40.00	20.12
3	183.4134	-18.42	21.46	43.50	22.04
4	287.3073	-14.45	30.03	46.00	15.97
5	695.1151	-6.37	24.02	46.00	21.98
6	804.8348	-5.41	25.55	46.00	20.45

Test mode: 802.11A(20) Frequency(MHz): 5200

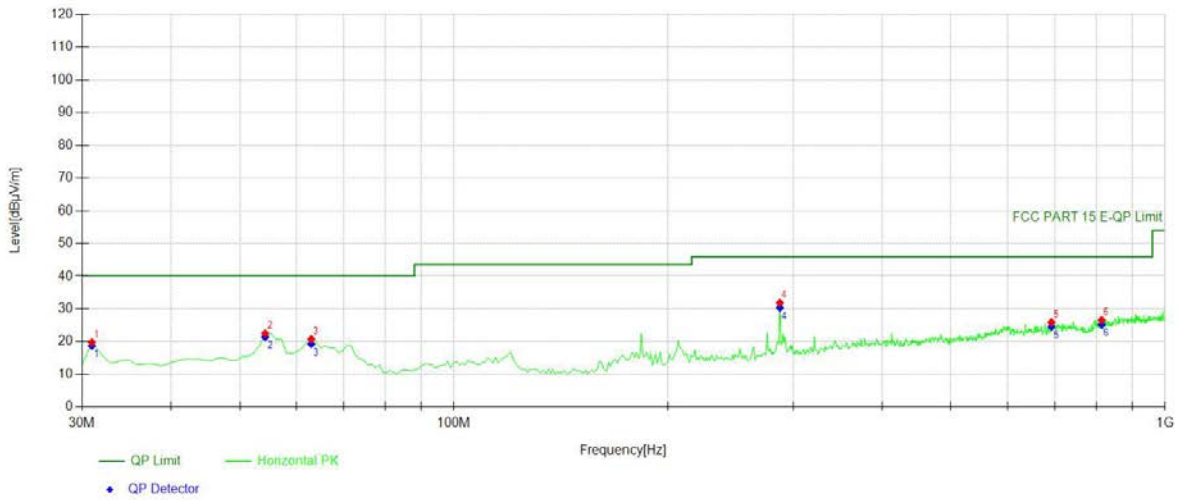


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	41.6517	43.67	-17.26	26.41	PK	40.00	13.59	Vertical
2	53.3033	49.44	-16.54	32.90	PK	40.00	7.10	Vertical
3	68.8388	51.64	-18.63	33.01	PK	40.00	6.99	Vertical
4	70.7808	49.16	-18.90	30.26	PK	40.00	9.74	Vertical
5	117.387	51.78	-18.43	33.35	PK	43.50	10.15	Vertical
6	287.307	44.35	-14.45	29.90	PK	46.00	16.10	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	41.6517	-17.26	25.21	40.00	14.79
2	53.3033	-16.54	31.70	40.00	8.30
3	68.8388	-18.63	31.99	40.00	8.01
4	70.7808	-18.90	29.24	40.00	10.76
5	117.3874	-18.43	32.25	43.50	11.25
6	287.3073	-14.45	28.80	46.00	17.20



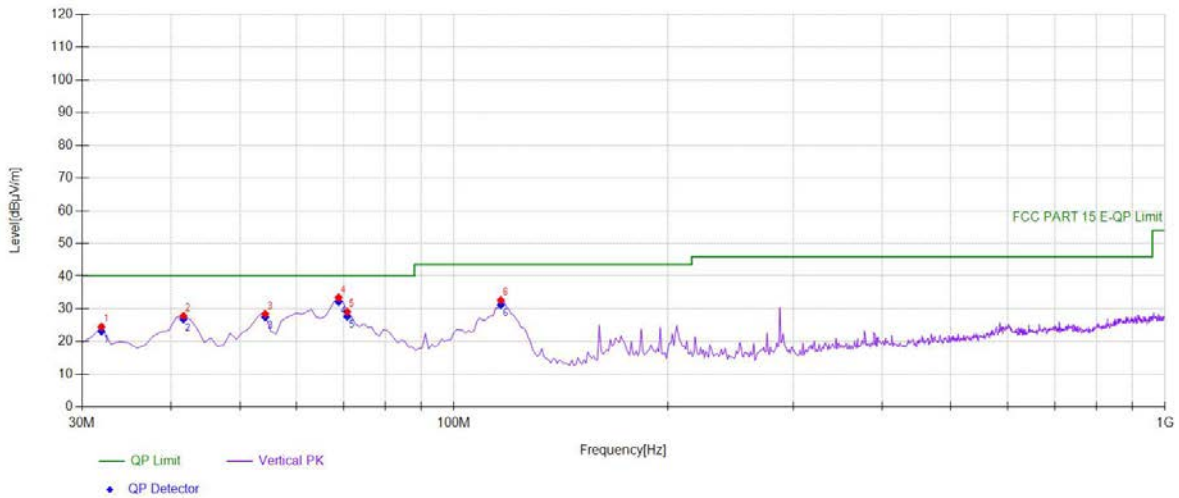
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30.971	38.44	-18.67	19.77	PK	40.00	20.23	Horizontal
2	54.2743	39.20	-16.66	22.54	PK	40.00	17.46	Horizontal
3	63.013	38.60	-17.84	20.76	PK	40.00	19.24	Horizontal
4	287.307	46.32	-14.45	31.87	PK	46.00	14.13	Horizontal
5	692.202	32.37	-6.47	25.90	PK	46.00	20.10	Horizontal
6	814.544	31.81	-5.28	26.53	PK	46.00	19.47	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30.971	-18.67	18.70	40.00	21.30
2	54.2743	-16.66	21.38	40.00	18.62
3	63.013	-17.84	19.28	40.00	20.72
4	287.3073	-14.45	30.39	46.00	15.61
5	692.2022	-6.47	24.60	46.00	21.40
6	814.5445	-5.28	25.23	46.00	20.77

Test mode: 802.11A(20) Frequency(MHz): 5240

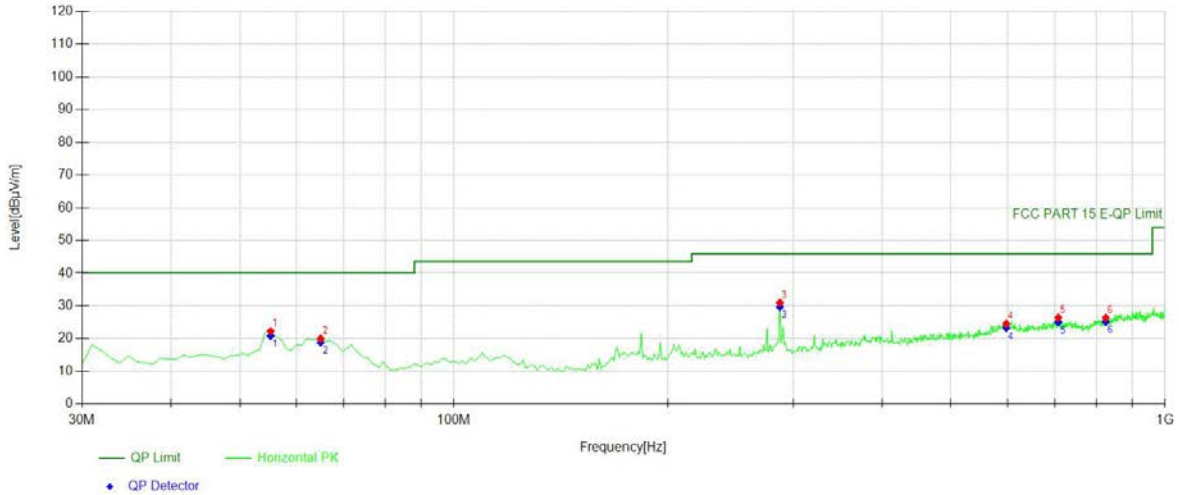


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	31.9419	43.09	-18.55	24.54	PK	40.00	15.46	Vertical
2	41.6517	45.12	-17.26	27.86	PK	40.00	12.14	Vertical
3	54.2743	45.10	-16.66	28.44	PK	40.00	11.56	Vertical
4	68.8388	52.08	-18.63	33.45	PK	40.00	6.55	Vertical
5	70.7808	47.97	-18.90	29.07	PK	40.00	10.93	Vertical
6	116.416	50.99	-18.36	32.63	PK	43.50	10.87	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	31.9419	-18.55	23.12	40.00	16.88
2	41.6517	-17.26	26.86	40.00	13.14
3	54.2743	-16.66	27.44	40.00	12.56
4	68.8388	-18.63	32.13	40.00	7.87
5	70.7808	-18.90	27.66	40.00	12.34
6	116.4164	-18.36	31.22	43.50	12.28



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	55.2452	39.06	-16.80	22.26	PK	40.00	17.74	Horizontal
2	64.955	38.14	-18.11	20.03	PK	40.00	19.97	Horizontal
3	287.307	45.41	-14.45	30.96	PK	46.00	15.04	Horizontal
4	598.018	31.09	-6.53	24.56	PK	46.00	21.44	Horizontal
5	707.737	32.47	-6.12	26.35	PK	46.00	19.65	Horizontal
6	825.225	31.36	-5.08	26.28	PK	46.00	19.72	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	55.2452	-16.80	20.85	40.00	19.15
2	64.955	-18.11	18.80	40.00	21.20
3	287.3073	-14.45	29.73	46.00	16.27
4	598.018	-6.53	23.25	46.00	22.75
5	707.7377	-6.12	25.04	46.00	20.96
6	825.2252	-5.08	25.14	46.00	20.86