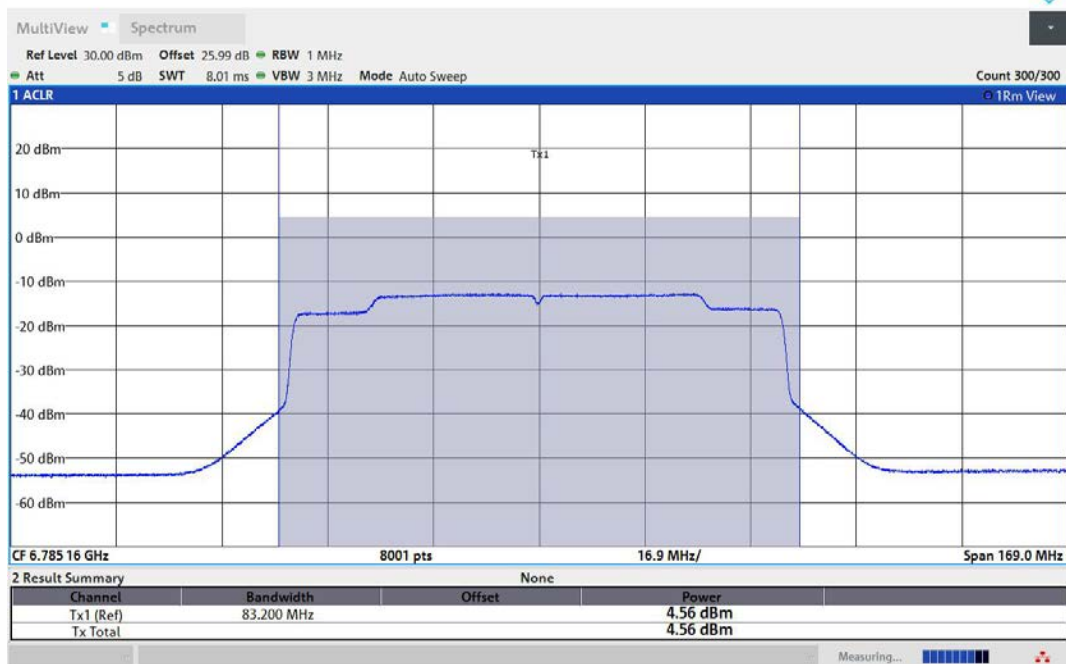
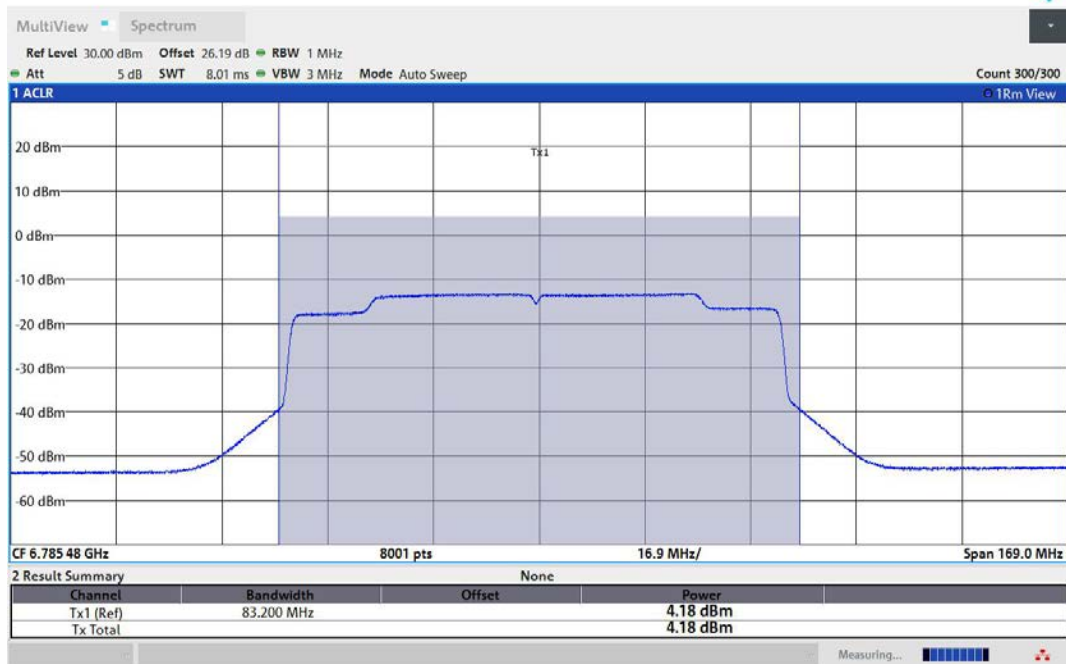
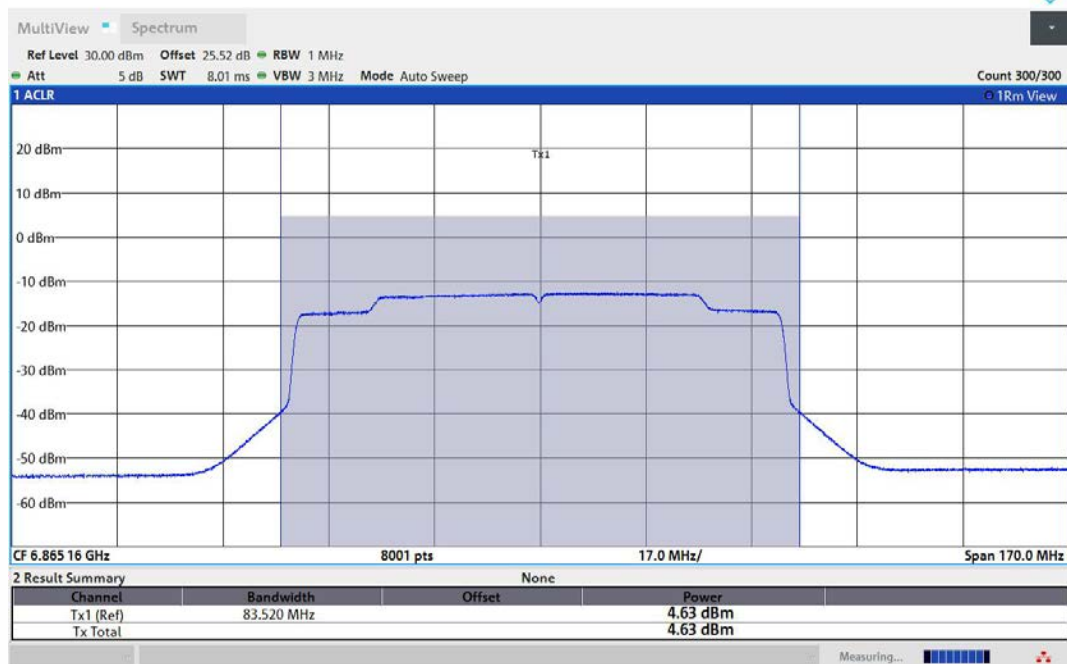




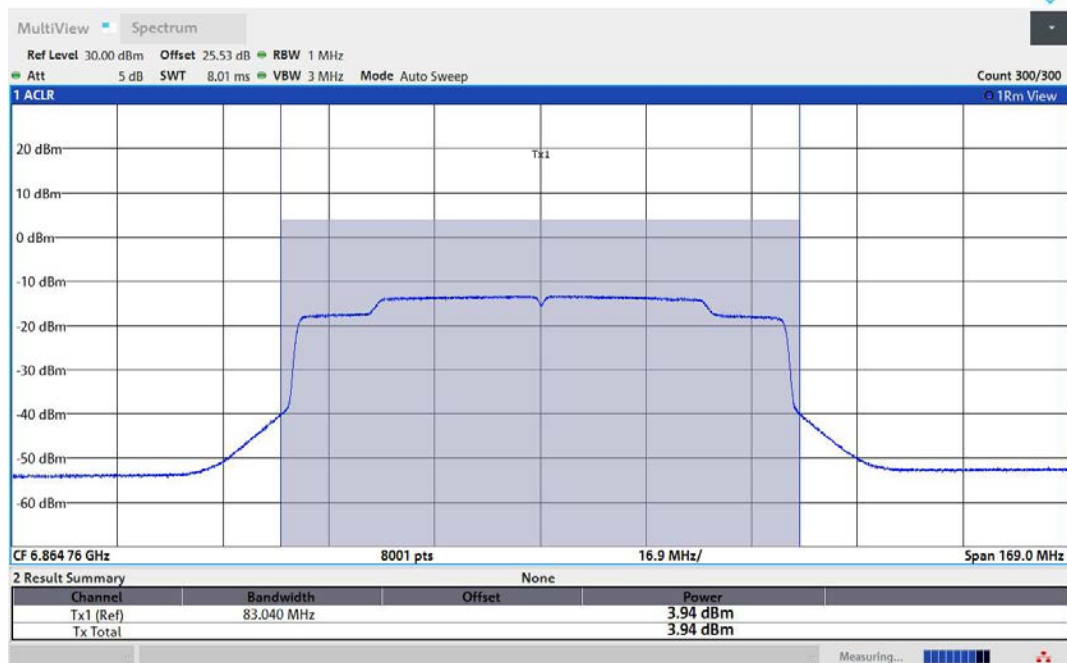
11AX80MIMO-Ant1-6785-PASS



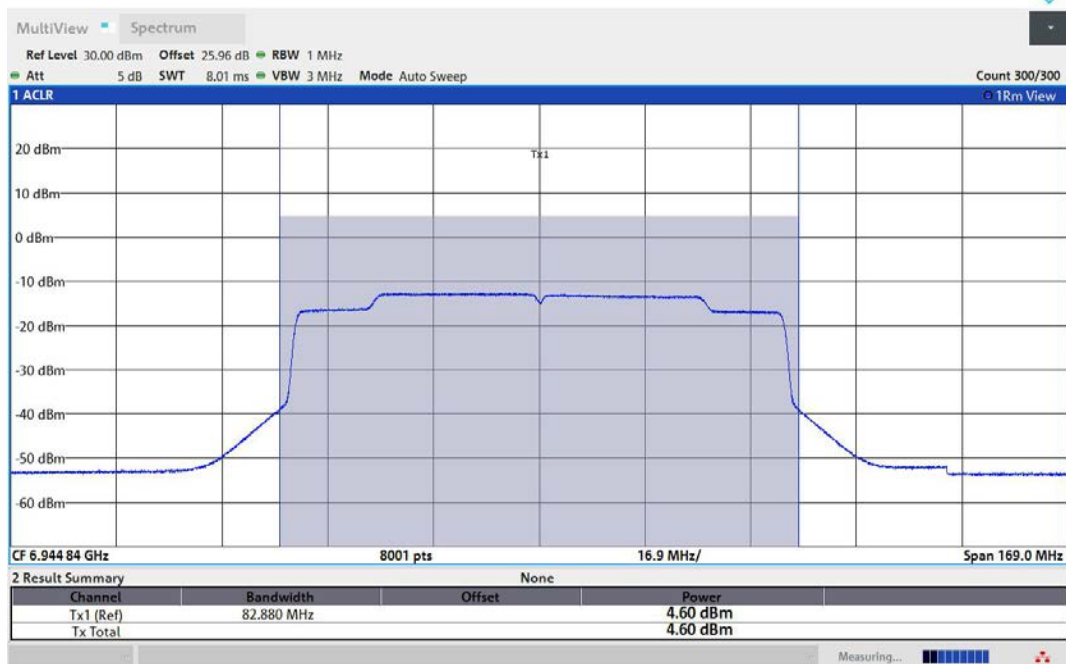
11AX80MIMO-Ant2-6785-PASS



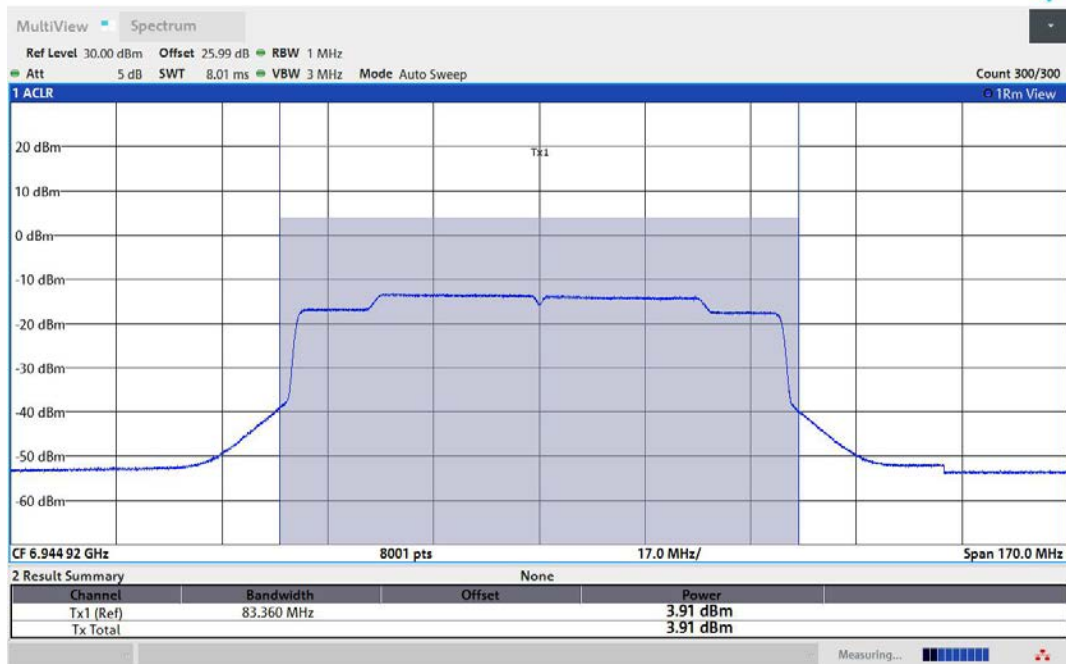
11AX80MIMO-Ant1-6865-PASS



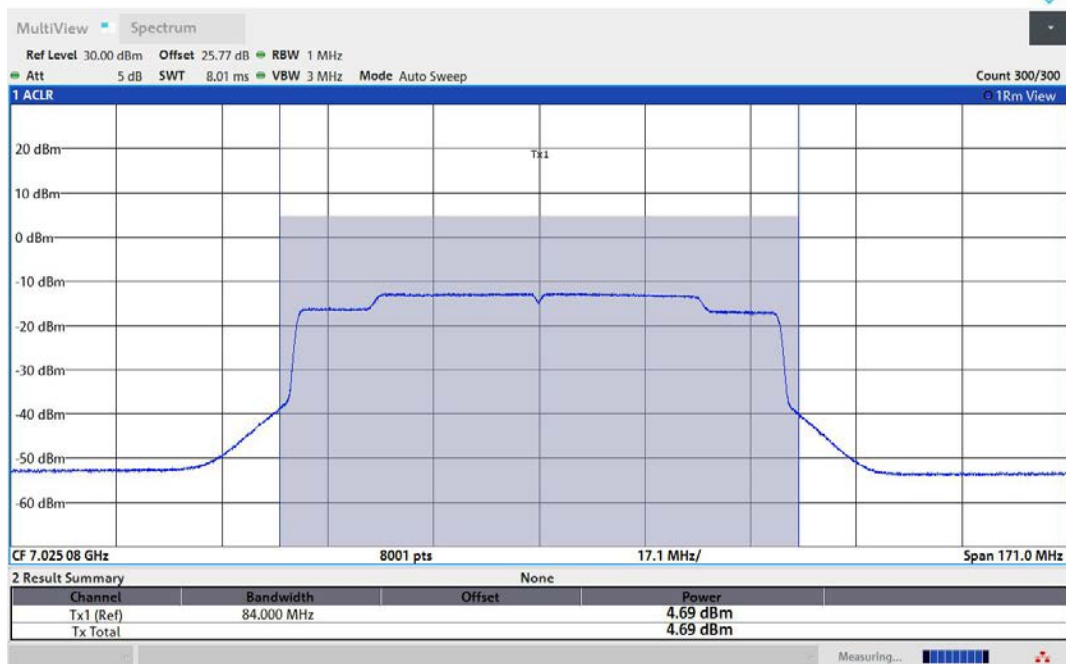
11AX80MIMO-Ant2-6865-PASS



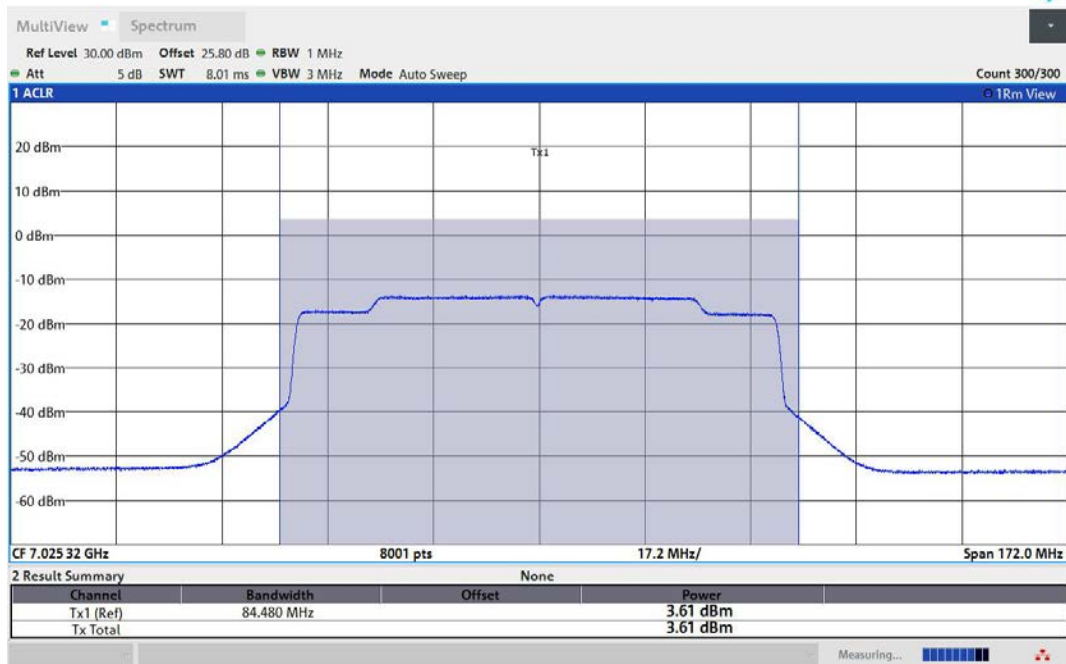
11AX80MIMO-Ant1-6945-PASS



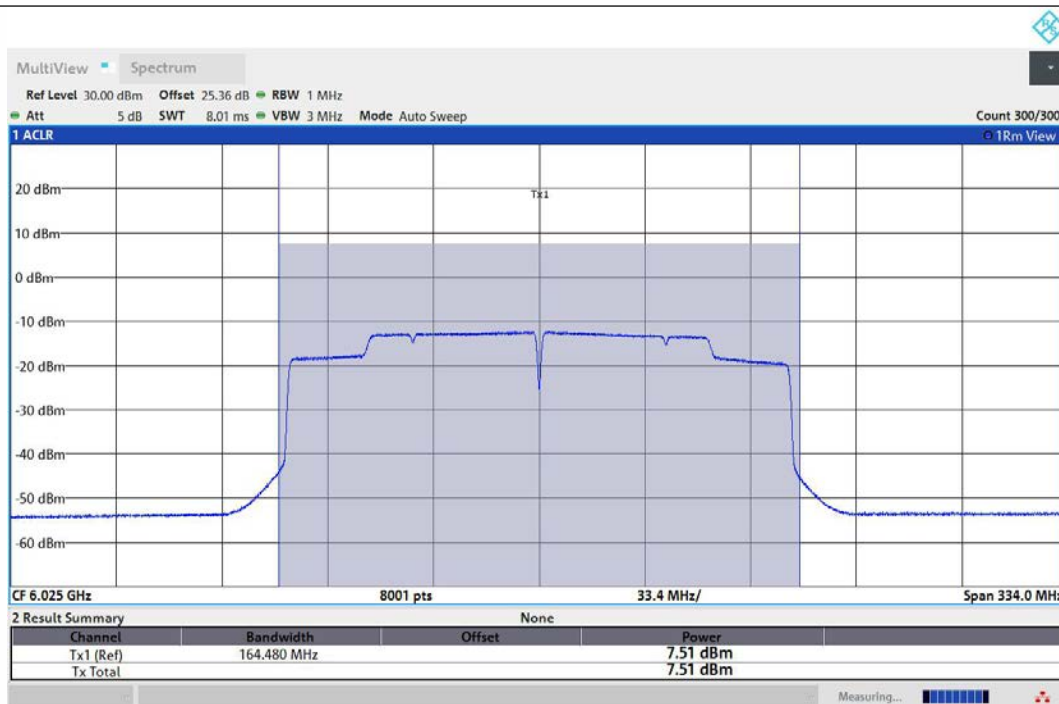
11AX80MIMO-Ant2-6945-PASS



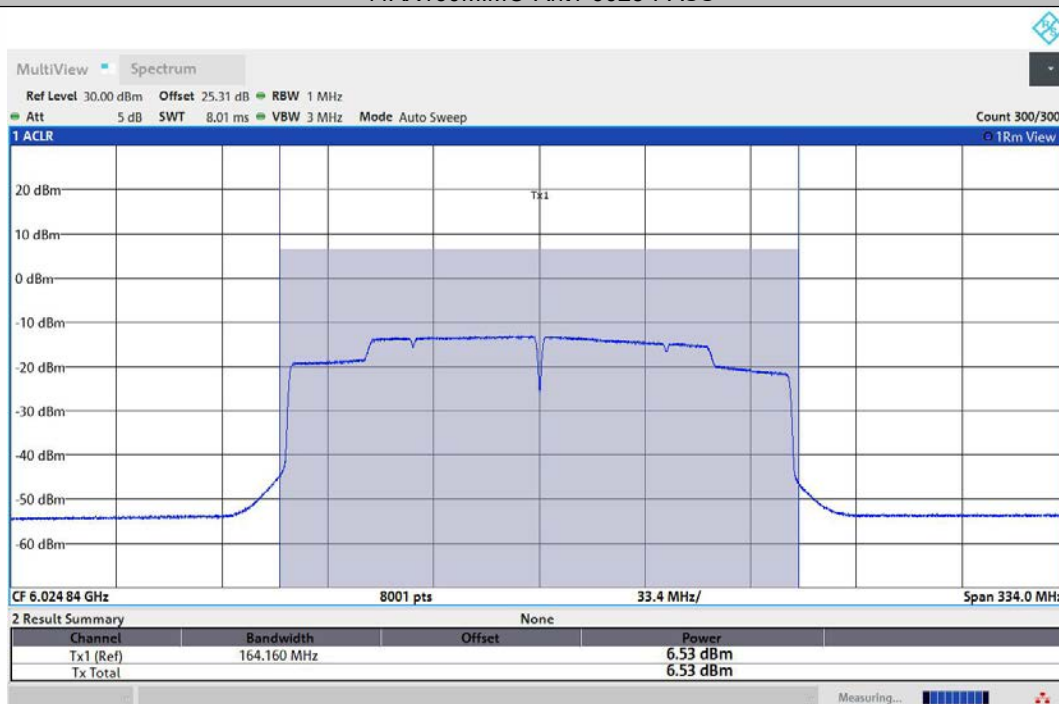
11AX80MIMO-Ant1-7025-PASS



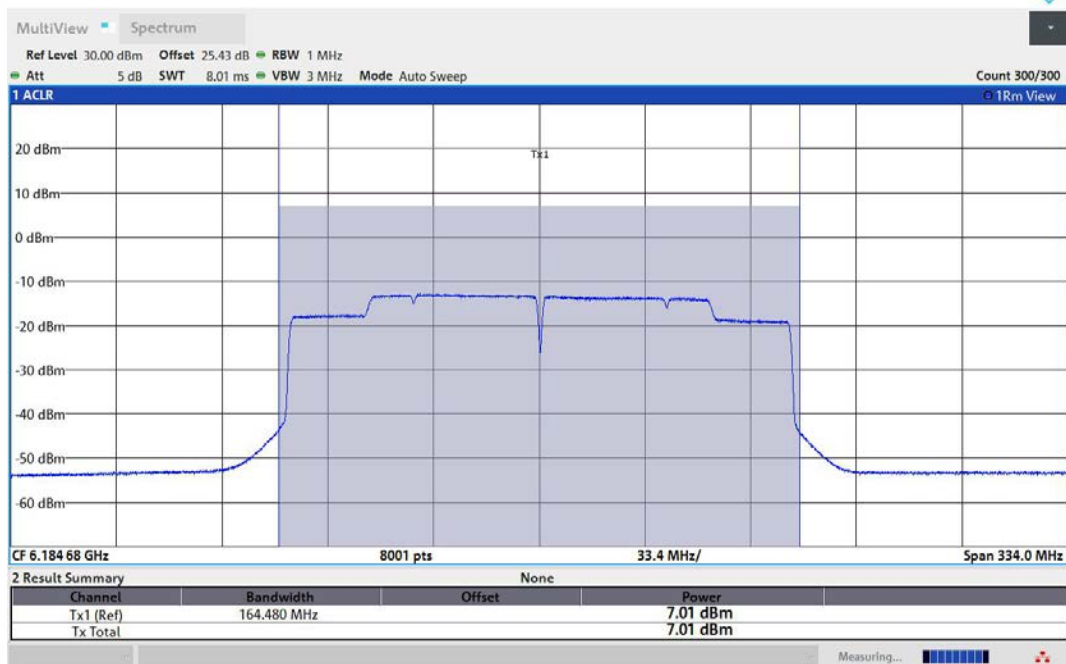
11AX80MIMO-Ant2-7025-PASS



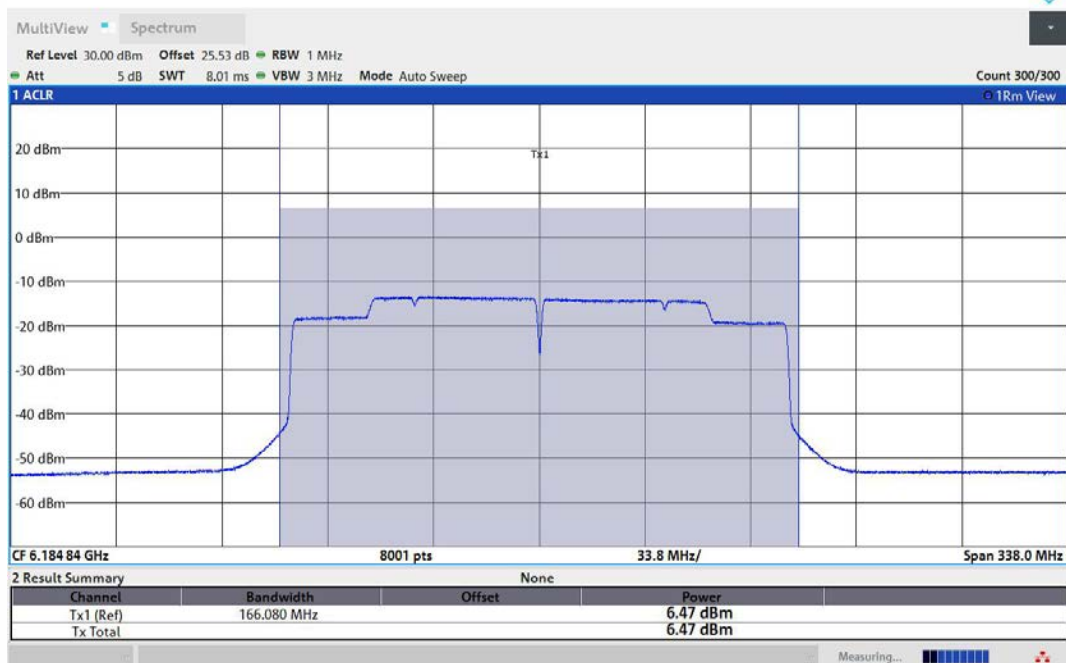
11AX160MIMO-Ant1-6025-PASS



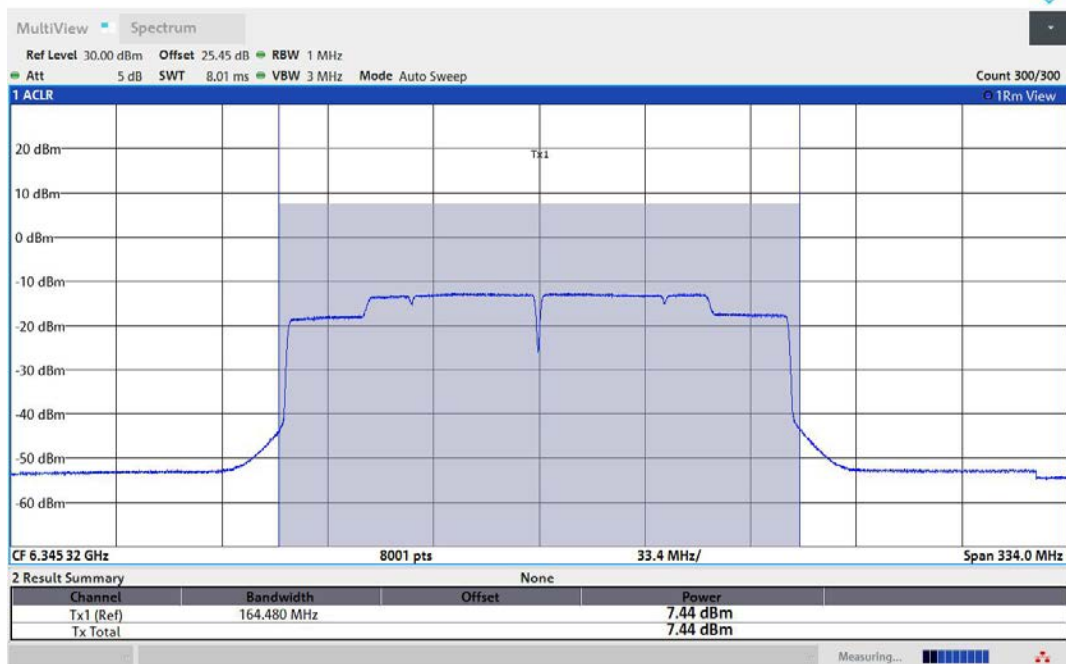
11AX160MIMO-Ant2-6025-PASS



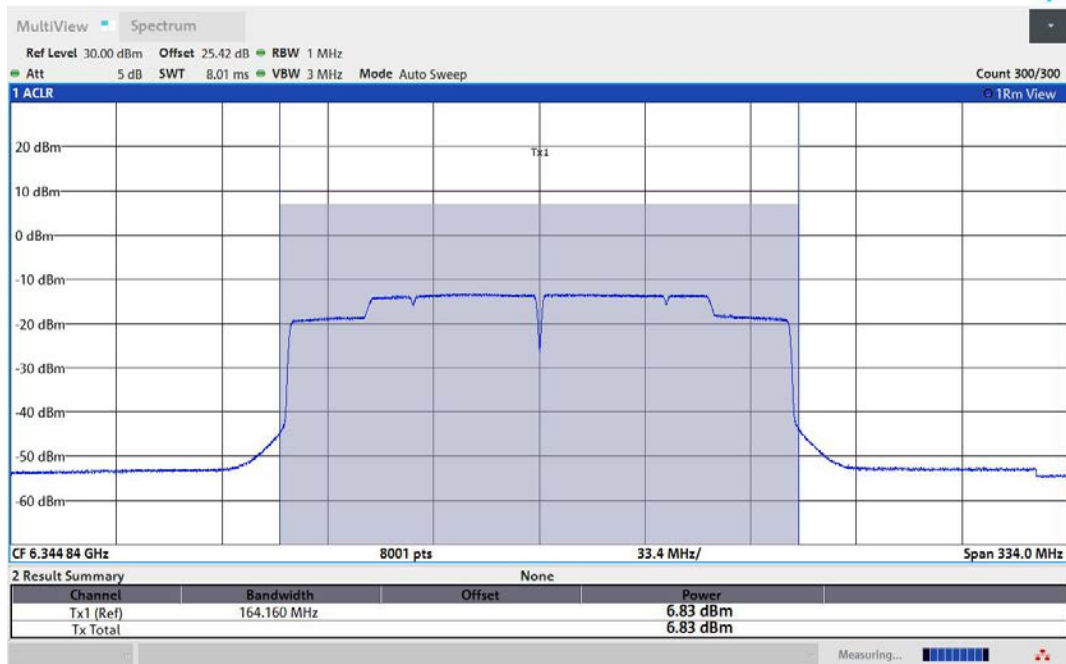
11AX160MIMO-Ant1-6185-PASS



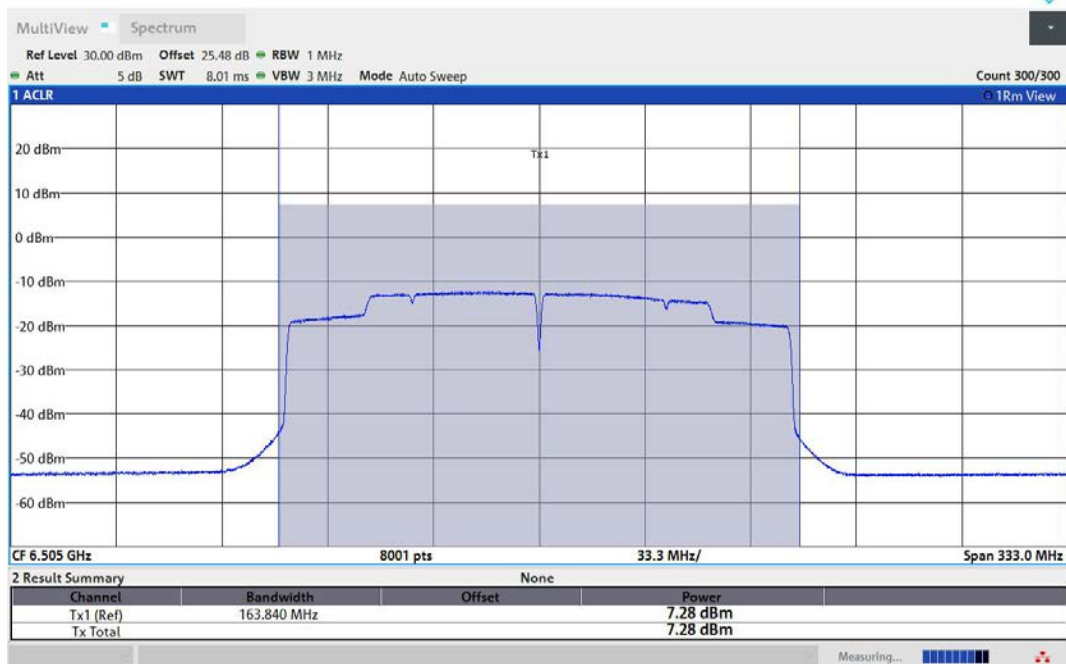
11AX160MIMO-Ant2-6185-PASS



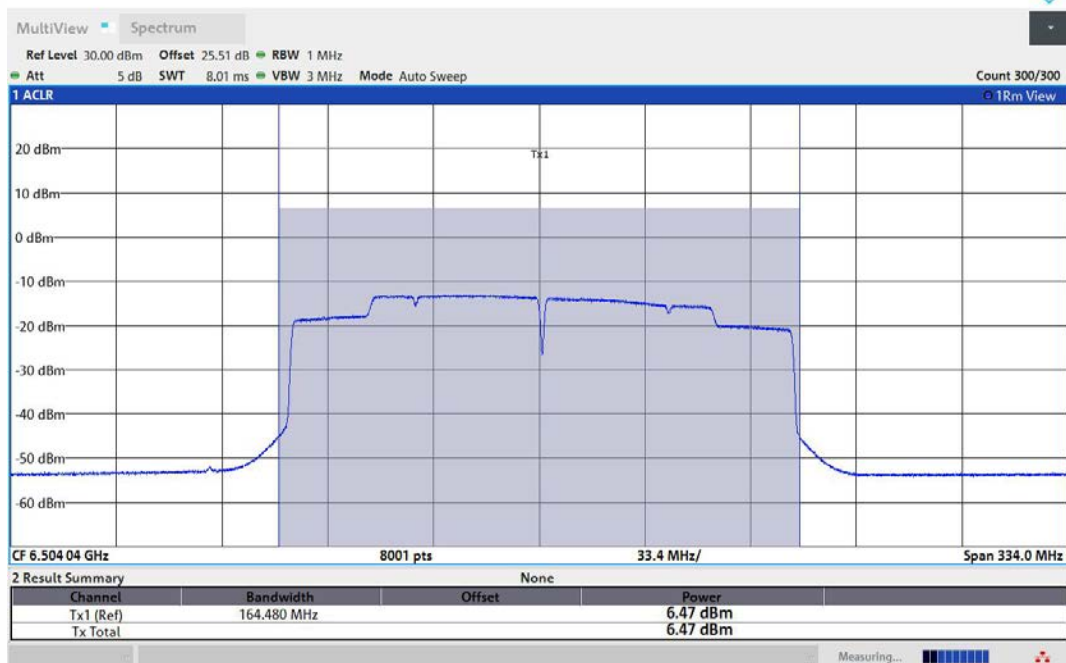
11AX160MIMO-Ant1-6345-PASS



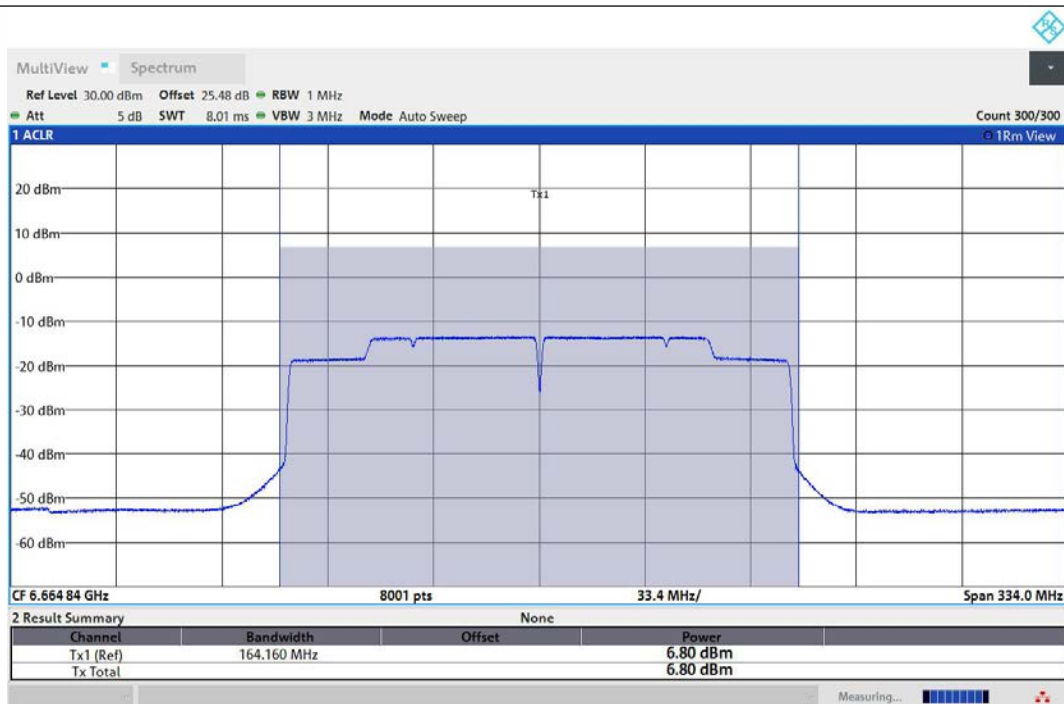
11AX160MIMO-Ant2-6345-PASS



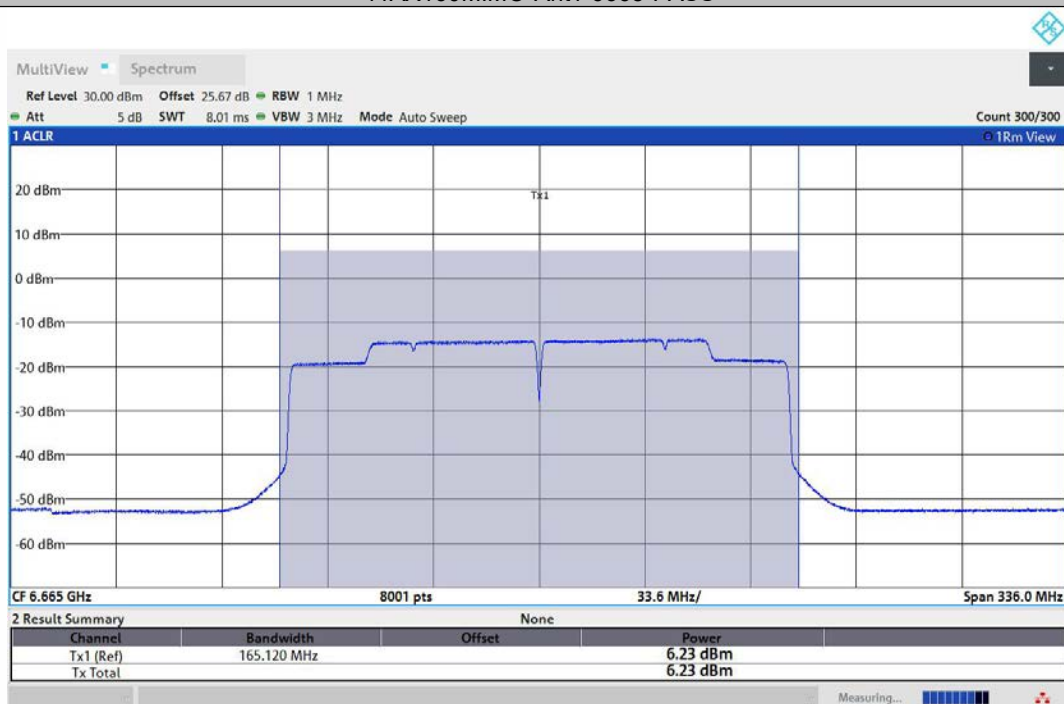
11AX160MIMO-Ant1-6505-PASS



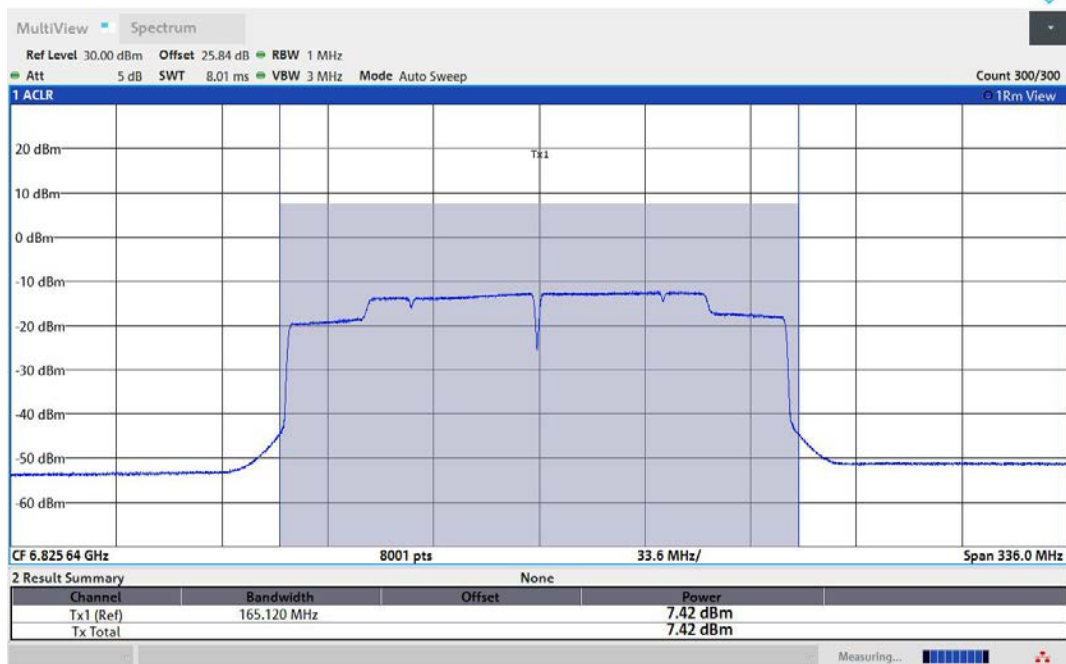
11AX160MIMO-Ant2-6505-PASS



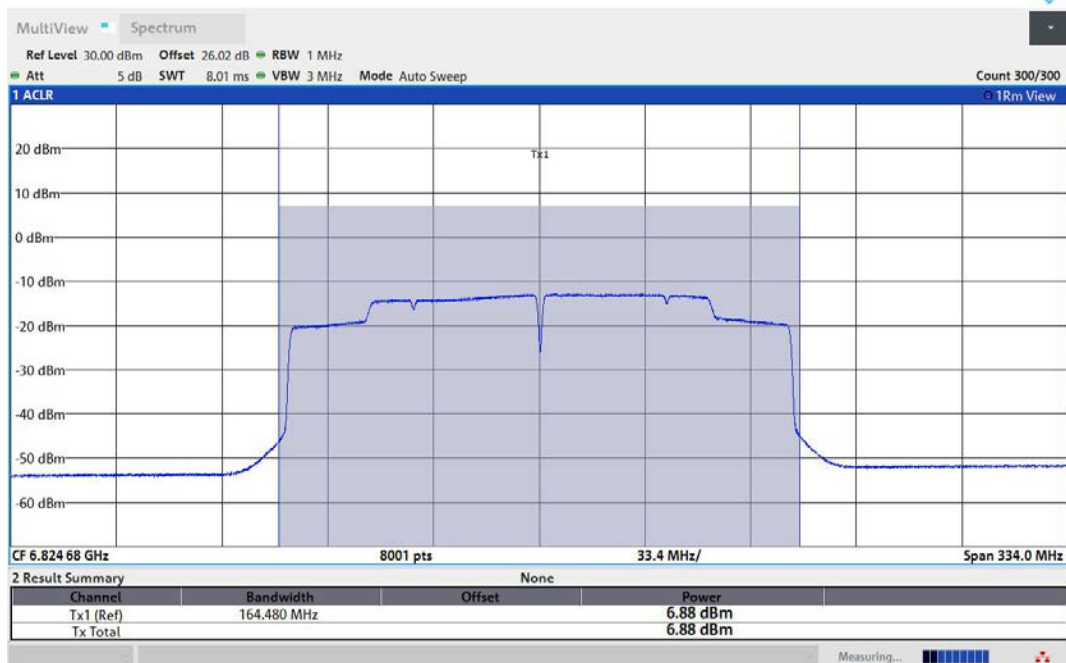
11AX160MIMO-Ant1-6665-PASS



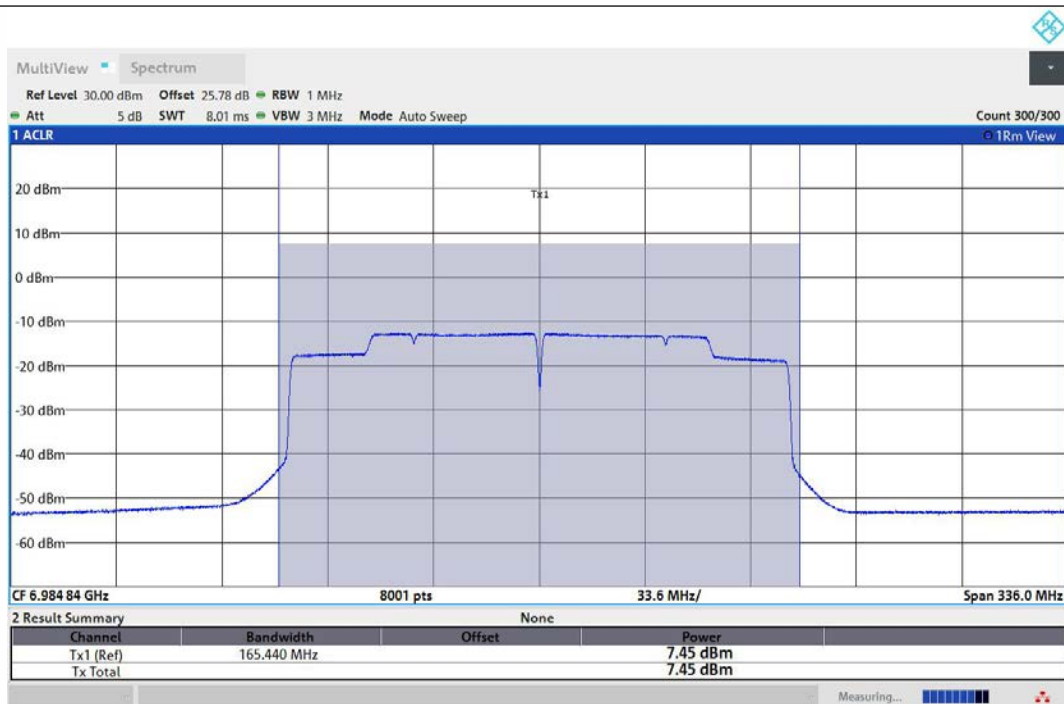
11AX160MIMO-Ant2-6665-PASS



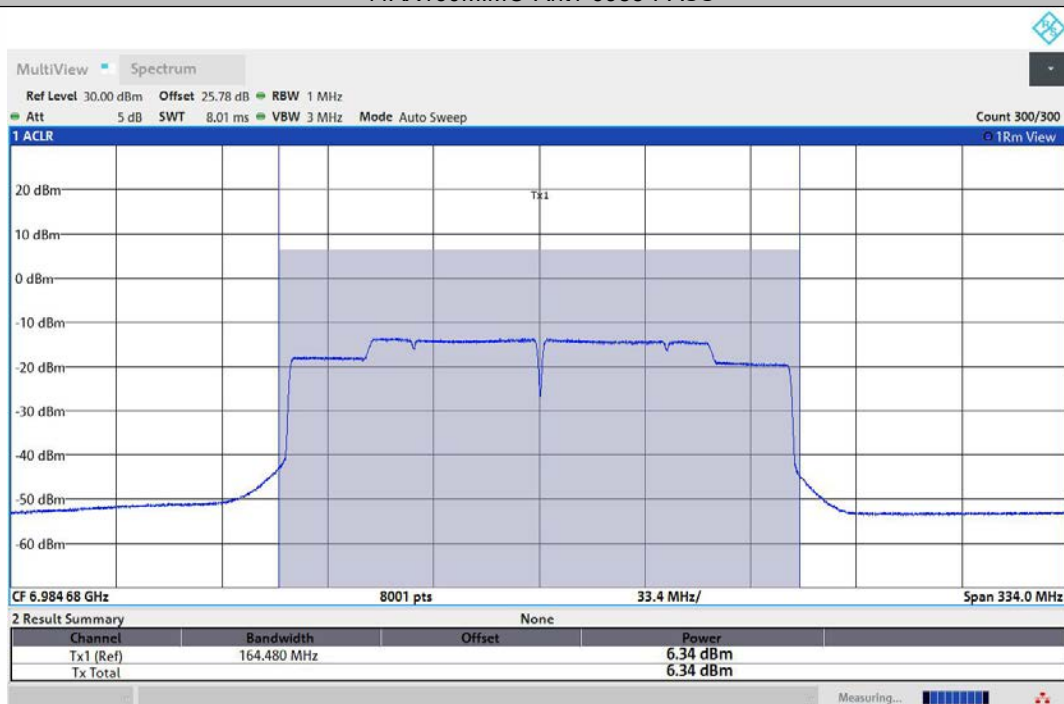
11AX160MIMO-Ant1-6825-PASS



11AX160MIMO-Ant2-6825-PASS



11AX160MIMO-Ant1-6985-PASS



11AX160MIMO-Ant2-6985-PASS

8.3 MAXIMUM POWER SPECTRAL DENSITY

8.3.1 Applicable Standard

According to FCC Part 15.407(a)
 According to 789033 D02 Section II.F
 According to 987594 D02 Section II.F
 According to RSS-248 4.6

8.3.2 Conformance Limit

FCC Limit:

☐	For an indoor access point(6ID) operating in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.
☐	For a subordinate device(6PP) operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band.
☐	For an indoor client device(6XD) operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed -1 dBm e.i.r.p in any 1-megahertz band.
☐	For a Dual client device(6CD) operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed -1 dBm e.i.r.p in any 1-megahertz band.
☐	For a Dual client device(6CD) operating under the control of an standard access point in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 17 dBm & 6dB below AP e.i.r.p in any 1-megahertz band.
The limits are based upon the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	

IC Limit:

☐	Other than client devices The maximum e.i.r.p. spectral density shall not exceed 5 dBm/MHz.
☐	Client devices The maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz.
The limits are based upon the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	

8.3.3 Test Configuration

Test according to clause 7.1 radio frequency test setup

8.3.4 Test Procedure

Method SA-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- (i) Measure the duty cycle, x, of the transmitter output signal.
- (ii) Set span to encompass the EBW (or the entire 99% occupied bandwidth) of the signal.
- (iii) Set RBW = 1 MHz.
- (iv) Set VBW $\geq$ 3 MHz.
- (v) Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. (This ensures that bin-to-bin spacing is $\leq \text{RBW}/2$, so that narrowband signals are not lost between frequency bins.)
- (vi) Sweep time = auto.
- (vii) Detector = power averaging (rms).
- (viii) Do not use sweep triggering. Allow the sweep to "free run."
- (ix) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.

- (x) Use the peak search function on the instrument to find the peak of the spectrum and record its value.
 (xi) Add $10 \log (1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \log (1/0.25) = 6 \text{ dB}$ if the duty cycle is 25%.

8.3.5 Test Results

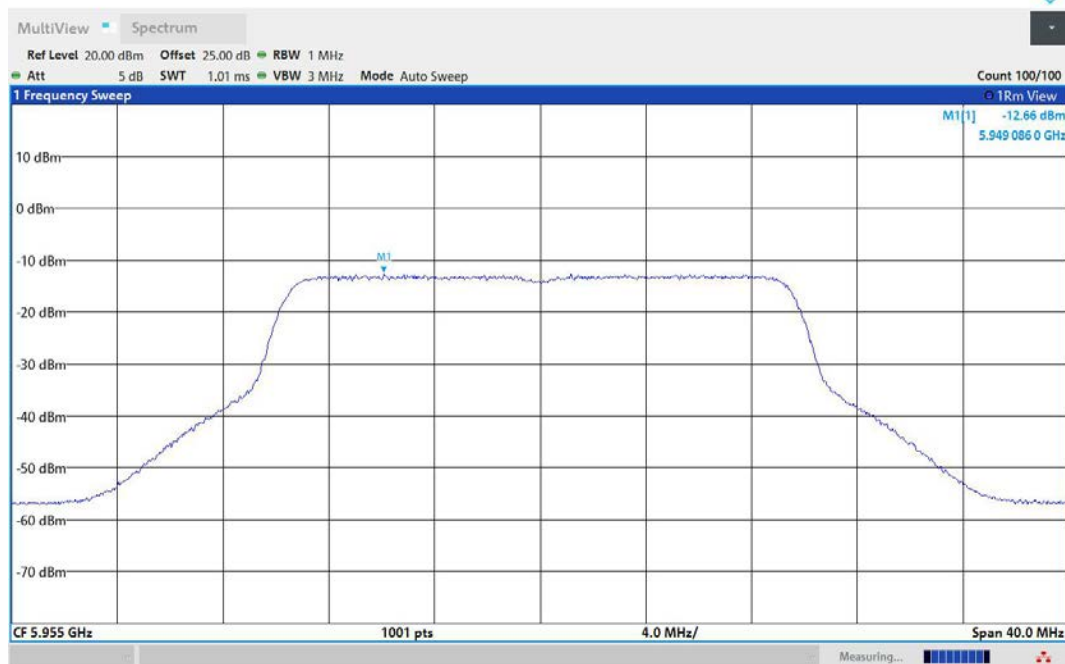
PASS

Temperature :	25°C	ATM Pressure:	1011 mbar
Humidity :	48 %	Test Engineer:	GJ

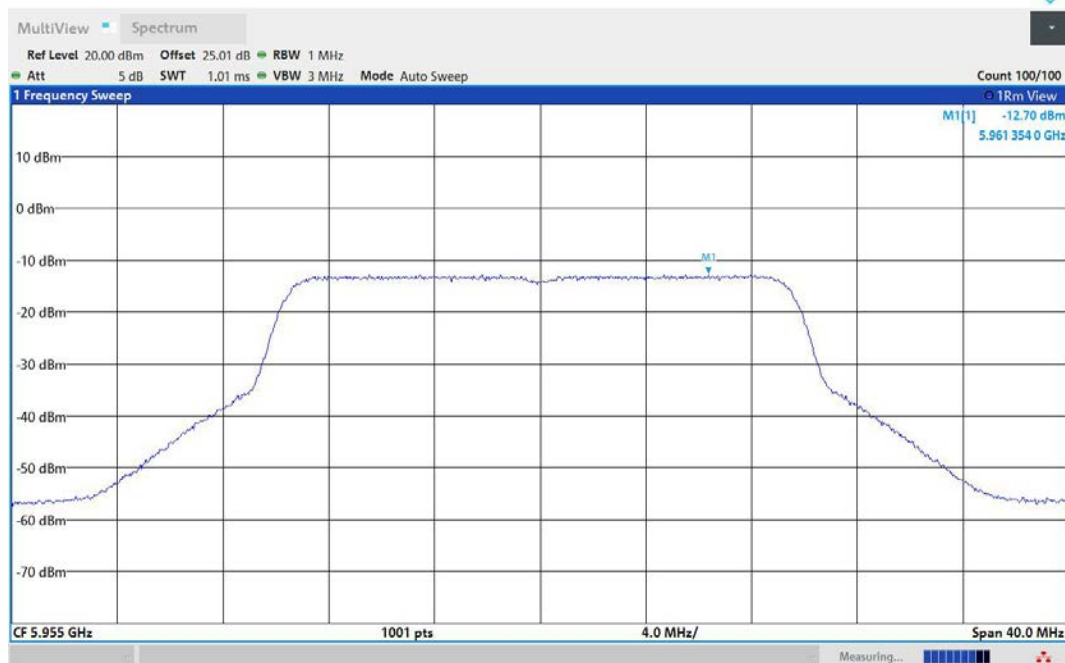
TestMode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant1	5955	-12.66	≤-5.53	4.53	-8.13	≤-1.00	PASS
11AX20MIMO	Ant2	5955	-12.70	≤-4.90	3.90	-8.80	≤-1.00	PASS
11AX20MIMO	total	5955	-9.67	≤-8.23	7.23	-2.44	≤-1.00	PASS
11AX20MIMO	Ant1	6175	-13.95	≤-5.53	4.53	-9.42	≤-1.00	PASS
11AX20MIMO	Ant2	6175	-14.67	≤-4.90	3.90	-10.77	≤-1.00	PASS
11AX20MIMO	total	6175	-11.28	≤-8.23	7.23	-4.05	≤-1.00	PASS
11AX20MIMO	Ant1	6415	-13.55	≤-5.53	4.53	-9.02	≤-1.00	PASS
11AX20MIMO	Ant2	6415	-13.92	≤-4.90	3.90	-10.02	≤-1.00	PASS
11AX20MIMO	total	6415	-10.72	≤-8.23	7.23	-3.49	≤-1.00	PASS
11AX20MIMO	Ant1	6435	-13.51	≤-5.53	4.53	-8.98	≤-1.00	PASS
11AX20MIMO	Ant2	6435	-13.60	≤-4.90	3.90	-9.70	≤-1.00	PASS
11AX20MIMO	total	6435	-10.54	≤-8.23	7.23	-3.31	≤-1.00	PASS
11AX20MIMO	Ant1	6475	-13.62	≤-5.53	4.53	-9.09	≤-1.00	PASS
11AX20MIMO	Ant2	6475	-14.60	≤-4.90	3.90	-10.70	≤-1.00	PASS
11AX20MIMO	total	6475	-11.07	≤-8.23	7.23	-3.84	≤-1.00	PASS
11AX20MIMO	Ant1	6515	-14.70	≤-5.53	4.53	-10.17	≤-1.00	PASS
11AX20MIMO	Ant2	6515	-15.88	≤-4.90	3.90	-11.98	≤-1.00	PASS
11AX20MIMO	total	6515	-12.24	≤-8.23	7.23	-5.01	≤-1.00	PASS
11AX20MIMO	Ant1	6535	-15.11	≤-5.53	4.53	-10.58	≤-1.00	PASS
11AX20MIMO	Ant2	6535	-16.72	≤-4.90	3.90	-12.82	≤-1.00	PASS
11AX20MIMO	total	6535	-12.83	≤-8.23	7.23	-5.60	≤-1.00	PASS
11AX20MIMO	Ant1	6695	-18.18	≤-5.53	4.53	-13.65	≤-1.00	PASS
11AX20MIMO	Ant2	6695	-18.49	≤-4.90	3.90	-14.59	≤-1.00	PASS
11AX20MIMO	total	6695	-15.32	≤-8.23	7.23	-8.09	≤-1.00	PASS
11AX20MIMO	Ant1	6855	-14.48	≤-5.53	4.53	-9.95	≤-1.00	PASS
11AX20MIMO	Ant2	6855	-14.75	≤-4.90	3.90	-10.85	≤-1.00	PASS
11AX20MIMO	total	6855	-11.60	≤-8.23	7.23	-4.37	≤-1.00	PASS
11AX20MIMO	Ant1	6875	-14.16	≤-5.53	4.53	-9.63	≤-1.00	PASS
11AX20MIMO	Ant2	6875	-14.78	≤-4.90	3.90	-10.88	≤-1.00	PASS
11AX20MIMO	total	6875	-11.45	≤-8.23	7.23	-4.22	≤-1.00	PASS
11AX20MIMO	Ant1	6895	-14.13	≤-5.53	4.53	-9.60	≤-1.00	PASS
11AX20MIMO	Ant2	6895	-15.39	≤-4.90	3.90	-11.49	≤-1.00	PASS
11AX20MIMO	total	6895	-11.70	≤-8.23	7.23	-4.47	≤-1.00	PASS
11AX20MIMO	Ant1	6995	-14.57	≤-5.53	4.53	-10.04	≤-1.00	PASS
11AX20MIMO	Ant2	6995	-17.44	≤-4.90	3.90	-13.54	≤-1.00	PASS
11AX20MIMO	total	6995	-12.76	≤-8.23	7.23	-5.53	≤-1.00	PASS
11AX20MIMO	Ant1	7115	-15.21	≤-5.53	4.53	-10.68	≤-1.00	PASS
11AX20MIMO	Ant2	7115	-16.78	≤-4.90	3.90	-12.88	≤-1.00	PASS
11AX20MIMO	total	7115	-12.91	≤-8.23	7.23	-5.68	≤-1.00	PASS
11AX40MIMO	Ant1	5965	-12.13	≤-5.53	4.53	-7.60	≤-1.00	PASS
11AX40MIMO	Ant2	5965	-13.09	≤-4.90	3.90	-9.19	≤-1.00	PASS
11AX40MIMO	total	5965	-9.57	≤-8.23	7.23	-2.34	≤-1.00	PASS
11AX40MIMO	Ant1	6165	-12.47	≤-5.53	4.53	-7.94	≤-1.00	PASS

11AX40MIMO	Ant2	6165	-13.49	≤-4.90	3.90	-9.59	≤-1.00	PASS
11AX40MIMO	total	6165	-9.94	≤-8.23	7.23	-2.71	≤-1.00	PASS
11AX40MIMO	Ant1	6405	-12.17	≤-5.53	4.53	-7.64	≤-1.00	PASS
11AX40MIMO	Ant2	6405	-12.82	≤-4.90	3.90	-8.92	≤-1.00	PASS
11AX40MIMO	total	6405	-9.47	≤-8.23	7.23	-2.24	≤-1.00	PASS
11AX40MIMO	Ant1	6445	-12.13	≤-5.53	4.53	-7.60	≤-1.00	PASS
11AX40MIMO	Ant2	6445	-12.82	≤-4.90	3.90	-8.92	≤-1.00	PASS
11AX40MIMO	total	6445	-9.45	≤-8.23	7.23	-2.22	≤-1.00	PASS
11AX40MIMO	Ant1	6485	-12.13	≤-5.53	4.53	-7.60	≤-1.00	PASS
11AX40MIMO	Ant2	6485	-13.05	≤-4.90	3.90	-9.15	≤-1.00	PASS
11AX40MIMO	total	6485	-9.56	≤-8.23	7.23	-2.33	≤-1.00	PASS
11AX40MIMO	Ant1	6525	-12.35	≤-5.53	4.53	-7.82	≤-1.00	PASS
11AX40MIMO	Ant2	6525	-13.12	≤-4.90	3.90	-9.22	≤-1.00	PASS
11AX40MIMO	total	6525	-9.71	≤-8.23	7.23	-2.48	≤-1.00	PASS
11AX40MIMO	Ant1	6565	-12.57	≤-5.53	4.53	-8.04	≤-1.00	PASS
11AX40MIMO	Ant2	6565	-13.81	≤-4.90	3.90	-9.91	≤-1.00	PASS
11AX40MIMO	total	6565	-10.14	≤-8.23	7.23	-2.91	≤-1.00	PASS
11AX40MIMO	Ant1	6685	-12.89	≤-5.53	4.53	-8.36	≤-1.00	PASS
11AX40MIMO	Ant2	6685	-13.40	≤-4.90	3.90	-9.50	≤-1.00	PASS
11AX40MIMO	total	6685	-10.13	≤-8.23	7.23	-2.90	≤-1.00	PASS
11AX40MIMO	Ant1	6845	-12.12	≤-5.53	4.53	-7.59	≤-1.00	PASS
11AX40MIMO	Ant2	6845	-13.13	≤-4.90	3.90	-9.23	≤-1.00	PASS
11AX40MIMO	total	6845	-9.59	≤-8.23	7.23	-2.36	≤-1.00	PASS
11AX40MIMO	Ant1	6885	-12.37	≤-5.53	4.53	-7.84	≤-1.00	PASS
11AX40MIMO	Ant2	6885	-12.80	≤-4.90	3.90	-8.90	≤-1.00	PASS
11AX40MIMO	total	6885	-9.57	≤-8.23	7.23	-2.34	≤-1.00	PASS
11AX40MIMO	Ant1	6925	-12.21	≤-5.53	4.53	-7.68	≤-1.00	PASS
11AX40MIMO	Ant2	6925	-12.85	≤-4.90	3.90	-8.95	≤-1.00	PASS
11AX40MIMO	total	6925	-9.51	≤-8.23	7.23	-2.28	≤-1.00	PASS
11AX40MIMO	Ant1	6965	-12.36	≤-5.53	4.53	-7.83	≤-1.00	PASS
11AX40MIMO	Ant2	6965	-13.07	≤-4.90	3.90	-9.17	≤-1.00	PASS
11AX40MIMO	total	6965	-9.69	≤-8.23	7.23	-2.46	≤-1.00	PASS
11AX40MIMO	Ant1	7085	-12.47	≤-5.53	4.53	-7.94	≤-1.00	PASS
11AX40MIMO	Ant2	7085	-13.54	≤-4.90	3.90	-9.64	≤-1.00	PASS
11AX40MIMO	total	7085	-9.96	≤-8.23	7.23	-2.73	≤-1.00	PASS
11AX80MIMO	Ant1	5985	-11.97	≤-5.53	4.53	-7.44	≤-1.00	PASS
11AX80MIMO	Ant2	5985	-13.22	≤-4.90	3.90	-9.32	≤-1.00	PASS
11AX80MIMO	total	5985	-9.54	≤-8.23	7.23	-2.31	≤-1.00	PASS
11AX80MIMO	Ant1	6145	-12.75	≤-5.53	4.53	-8.22	≤-1.00	PASS
11AX80MIMO	Ant2	6145	-13.62	≤-4.90	3.90	-9.72	≤-1.00	PASS
11AX80MIMO	total	6145	-10.15	≤-8.23	7.23	-2.92	≤-1.00	PASS
11AX80MIMO	Ant1	6385	-12.26	≤-5.53	4.53	-7.73	≤-1.00	PASS
11AX80MIMO	Ant2	6385	-12.87	≤-4.90	3.90	-8.97	≤-1.00	PASS
11AX80MIMO	total	6385	-9.54	≤-8.23	7.23	-2.31	≤-1.00	PASS
11AX80MIMO	Ant1	6465	-12.29	≤-5.53	4.53	-7.76	≤-1.00	PASS
11AX80MIMO	Ant2	6465	-13.14	≤-4.90	3.90	-9.24	≤-1.00	PASS
11AX80MIMO	total	6465	-9.68	≤-8.23	7.23	-2.45	≤-1.00	PASS
11AX80MIMO	Ant1	6545	-12.26	≤-5.53	4.53	-7.73	≤-1.00	PASS
11AX80MIMO	Ant2	6545	-13.29	≤-4.90	3.90	-9.39	≤-1.00	PASS
11AX80MIMO	total	6545	-9.73	≤-8.23	7.23	-2.50	≤-1.00	PASS
11AX80MIMO	Ant1	6625	-13.04	≤-5.53	4.53	-8.51	≤-1.00	PASS
11AX80MIMO	Ant2	6625	-13.80	≤-4.90	3.90	-9.90	≤-1.00	PASS
11AX80MIMO	total	6625	-10.39	≤-8.23	7.23	-3.16	≤-1.00	PASS
11AX80MIMO	Ant1	6705	-12.84	≤-5.53	4.53	-8.31	≤-1.00	PASS
11AX80MIMO	Ant2	6705	-13.46	≤-4.90	3.90	-9.56	≤-1.00	PASS
11AX80MIMO	total	6705	-10.13	≤-8.23	7.23	-2.90	≤-1.00	PASS
11AX80MIMO	Ant1	6785	-12.61	≤-5.53	4.53	-8.08	≤-1.00	PASS
11AX80MIMO	Ant2	6785	-12.93	≤-4.90	3.90	-9.03	≤-1.00	PASS
11AX80MIMO	total	6785	-9.76	≤-8.23	7.23	-2.53	≤-1.00	PASS
11AX80MIMO	Ant1	6865	-12.23	≤-5.53	4.53	-7.70	≤-1.00	PASS
11AX80MIMO	Ant2	6865	-13.06	≤-4.90	3.90	-9.16	≤-1.00	PASS

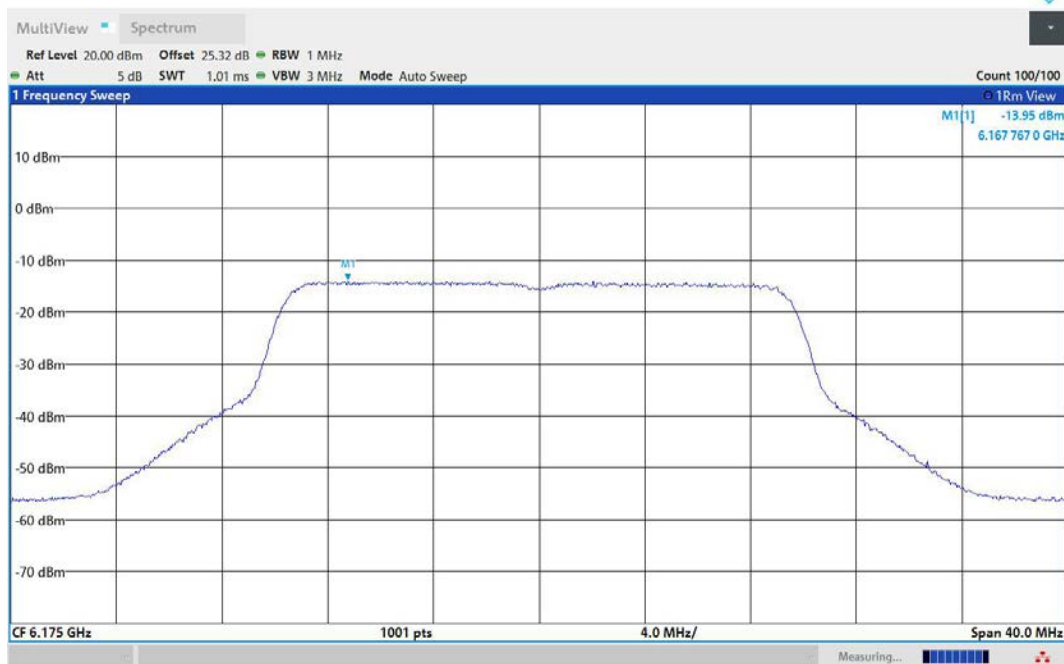
11AX80MIMO	total	6865	-9.61	≤-8.23	7.23	-2.38	≤-1.00	PASS
11AX80MIMO	Ant1	6945	-12.32	≤-5.53	4.53	-7.79	≤-1.00	PASS
11AX80MIMO	Ant2	6945	-13.14	≤-4.90	3.90	-9.24	≤-1.00	PASS
11AX80MIMO	total	6945	-9.70	≤-8.23	7.23	-2.47	≤-1.00	PASS
11AX80MIMO	Ant1	7025	-12.48	≤-5.53	4.53	-7.95	≤-1.00	PASS
11AX80MIMO	Ant2	7025	-13.51	≤-4.90	3.90	-9.61	≤-1.00	PASS
11AX80MIMO	total	7025	-9.95	≤-8.23	7.23	-2.72	≤-1.00	PASS
11AX160MIMO	Ant1	6025	-12.00	≤-5.53	4.53	-7.47	≤-1.00	PASS
11AX160MIMO	Ant2	6025	-12.83	≤-4.90	3.90	-8.93	≤-1.00	PASS
11AX160MIMO	total	6025	-9.38	≤-8.23	7.23	-2.15	≤-1.00	PASS
11AX160MIMO	Ant1	6185	-12.78	≤-5.53	4.53	-8.25	≤-1.00	PASS
11AX160MIMO	Ant2	6185	-13.28	≤-4.90	3.90	-9.38	≤-1.00	PASS
11AX160MIMO	total	6185	-10.01	≤-8.23	7.23	-2.78	≤-1.00	PASS
11AX160MIMO	Ant1	6345	-12.43	≤-5.53	4.53	-7.90	≤-1.00	PASS
11AX160MIMO	Ant2	6345	-13.06	≤-4.90	3.90	-9.16	≤-1.00	PASS
11AX160MIMO	total	6345	-9.72	≤-8.23	7.23	-2.49	≤-1.00	PASS
11AX160MIMO	Ant1	6505	-12.17	≤-5.53	4.53	-7.64	≤-1.00	PASS
11AX160MIMO	Ant2	6505	-12.59	≤-4.90	3.90	-8.69	≤-1.00	PASS
11AX160MIMO	total	6505	-9.36	≤-8.23	7.23	-2.13	≤-1.00	PASS
11AX160MIMO	Ant1	6665	-13.10	≤-5.53	4.53	-8.57	≤-1.00	PASS
11AX160MIMO	Ant2	6665	-13.49	≤-4.90	3.90	-9.59	≤-1.00	PASS
11AX160MIMO	total	6665	-10.28	≤-8.23	7.23	-3.05	≤-1.00	PASS
11AX160MIMO	Ant1	6825	-12.18	≤-5.53	4.53	-7.65	≤-1.00	PASS
11AX160MIMO	Ant2	6825	-12.53	≤-4.90	3.90	-8.63	≤-1.00	PASS
11AX160MIMO	total	6825	-9.34	≤-8.23	7.23	-2.11	≤-1.00	PASS
11AX160MIMO	Ant1	6985	-12.33	≤-5.53	4.53	-7.80	≤-1.00	PASS
11AX160MIMO	Ant2	6985	-13.49	≤-4.90	3.90	-9.59	≤-1.00	PASS
11AX160MIMO	total	6985	-9.86	≤-8.23	7.23	-2.63	≤-1.00	PASS



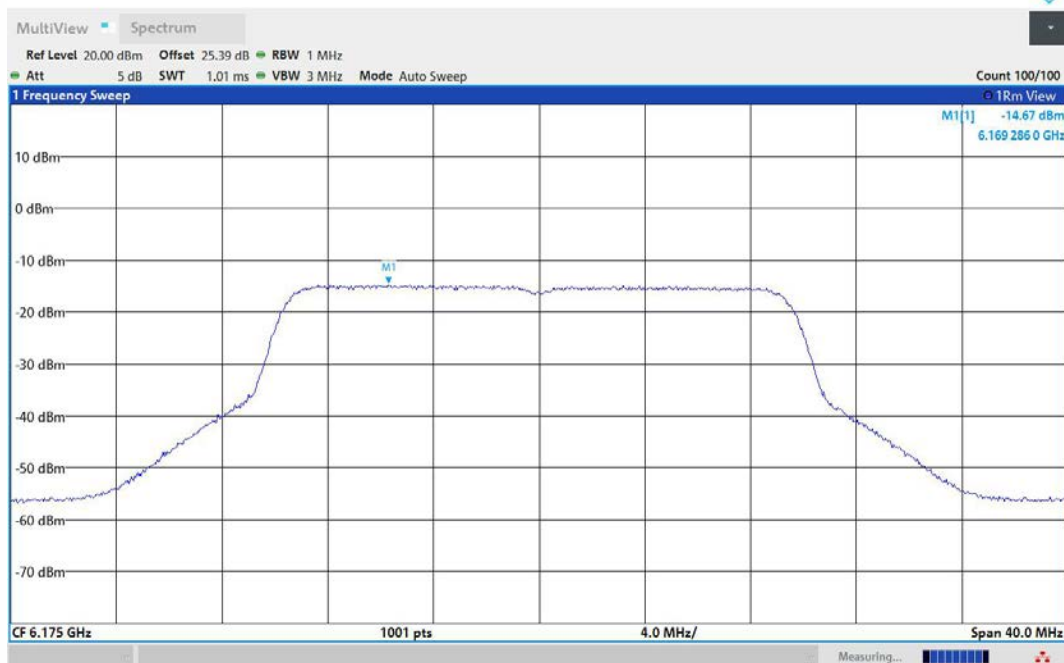
11AX20MIMO-Ant1-5955-PASS



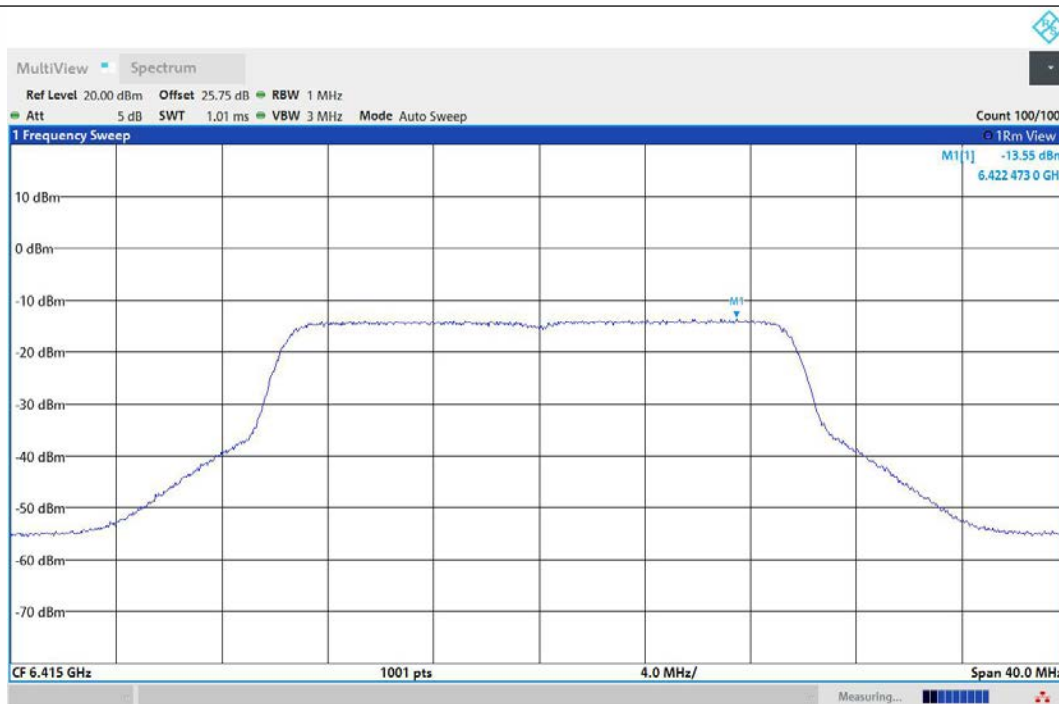
11AX20MIMO-Ant2-5955-PASS



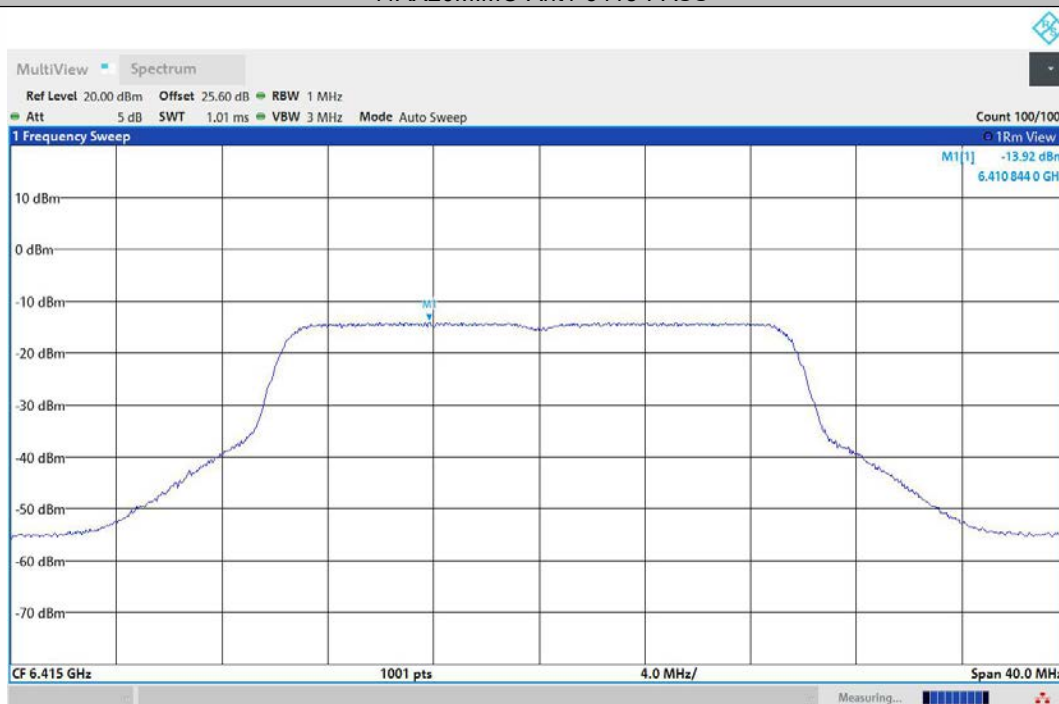
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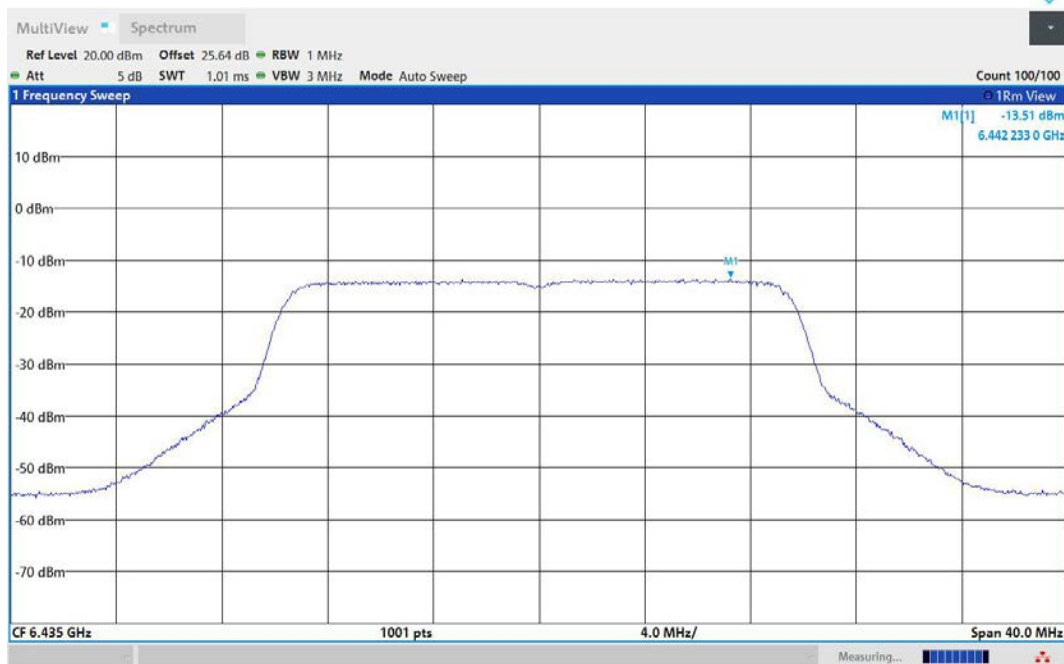
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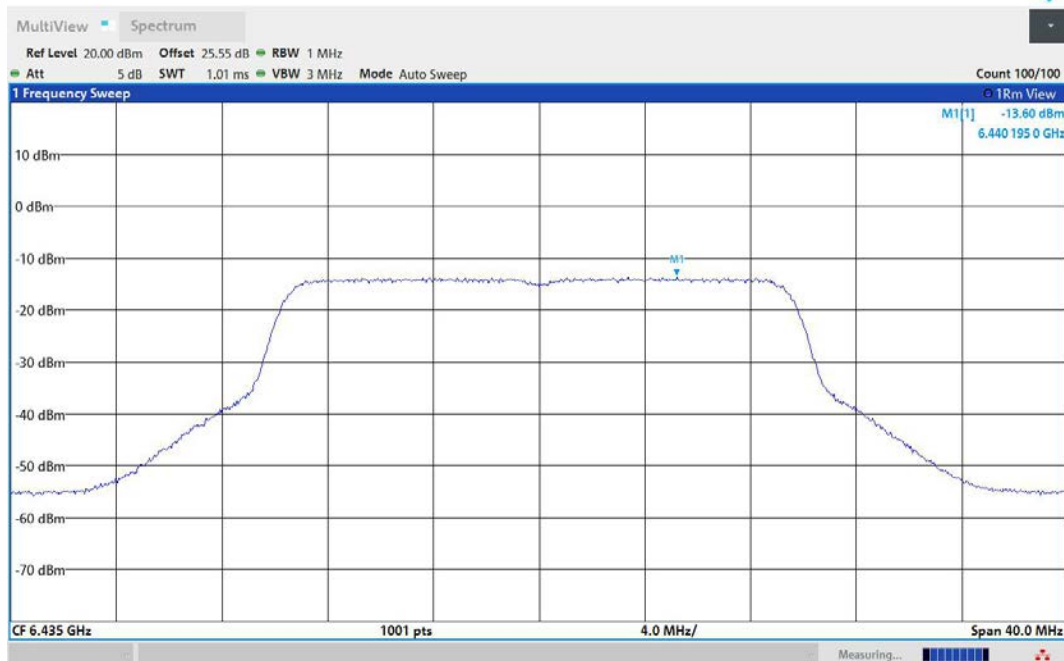
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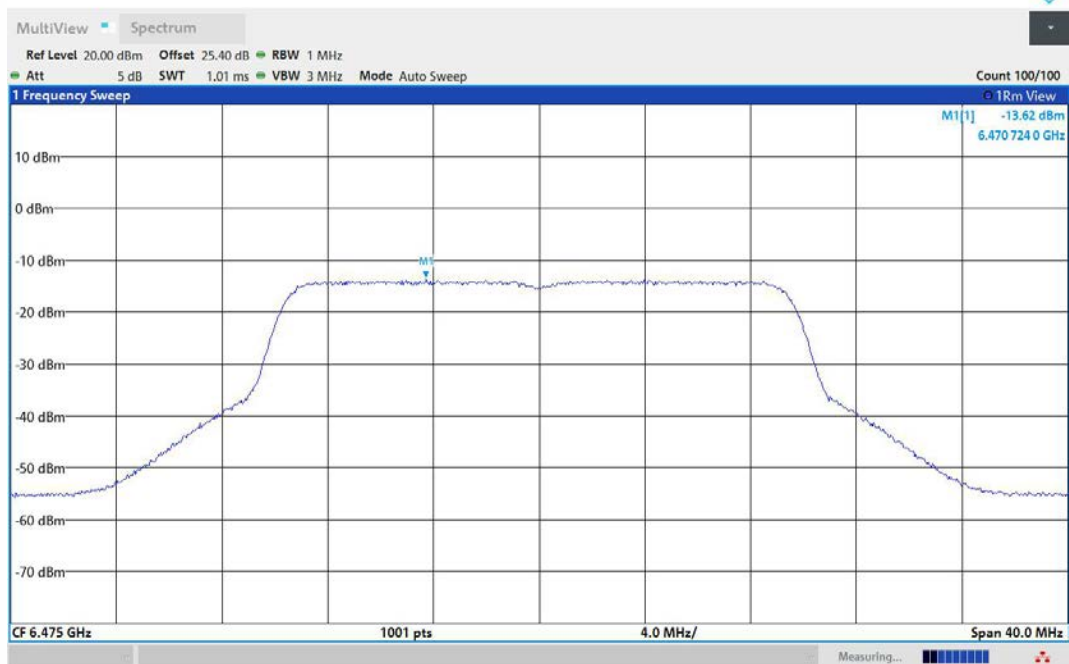
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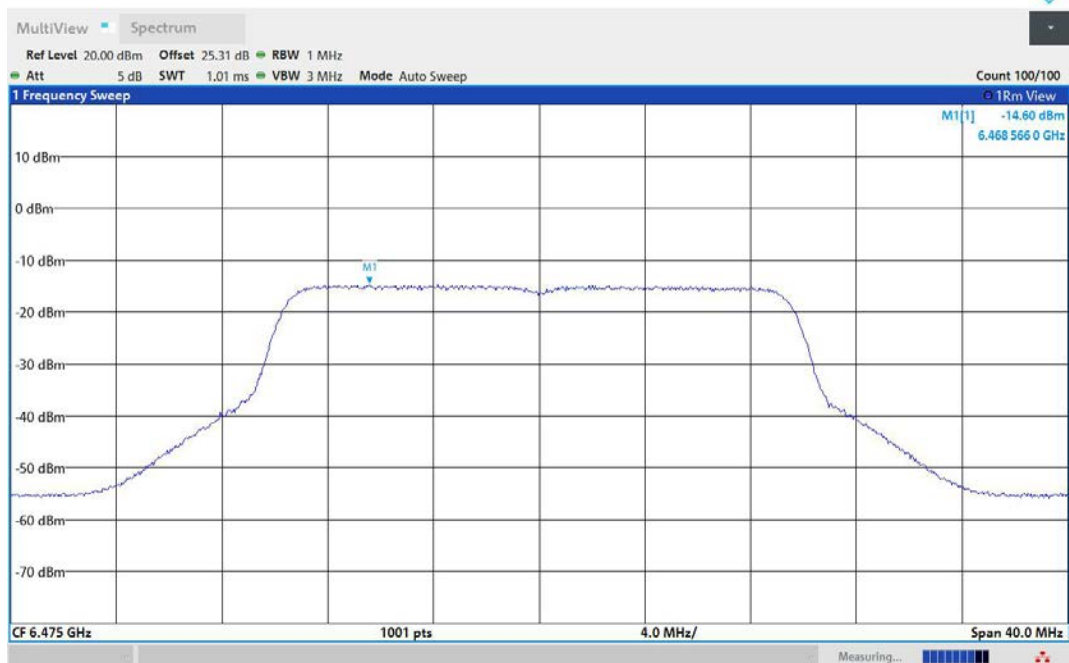
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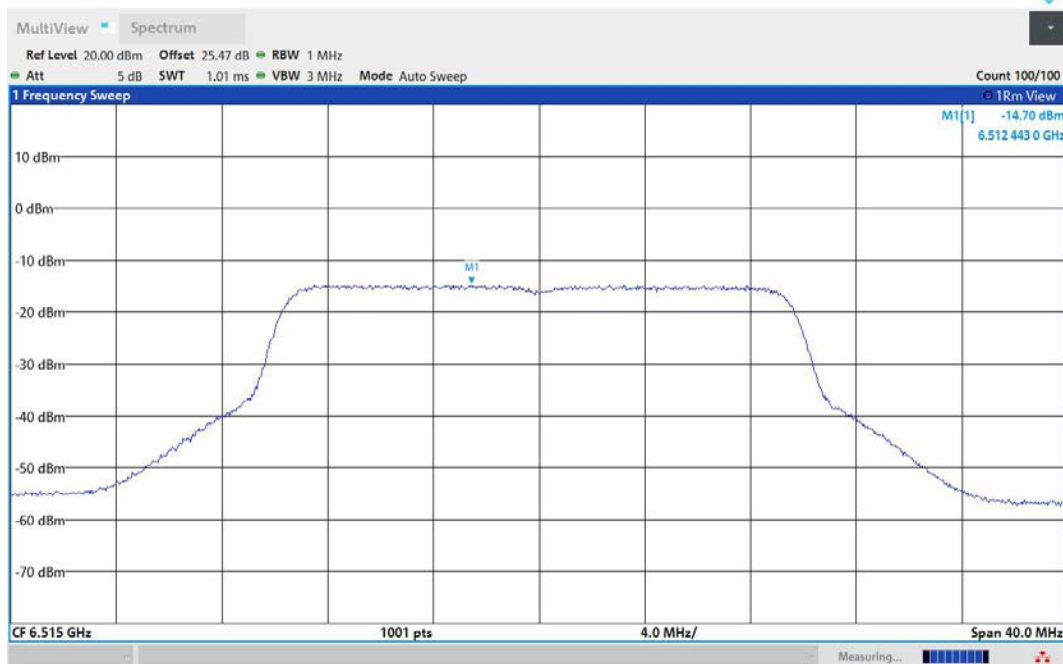
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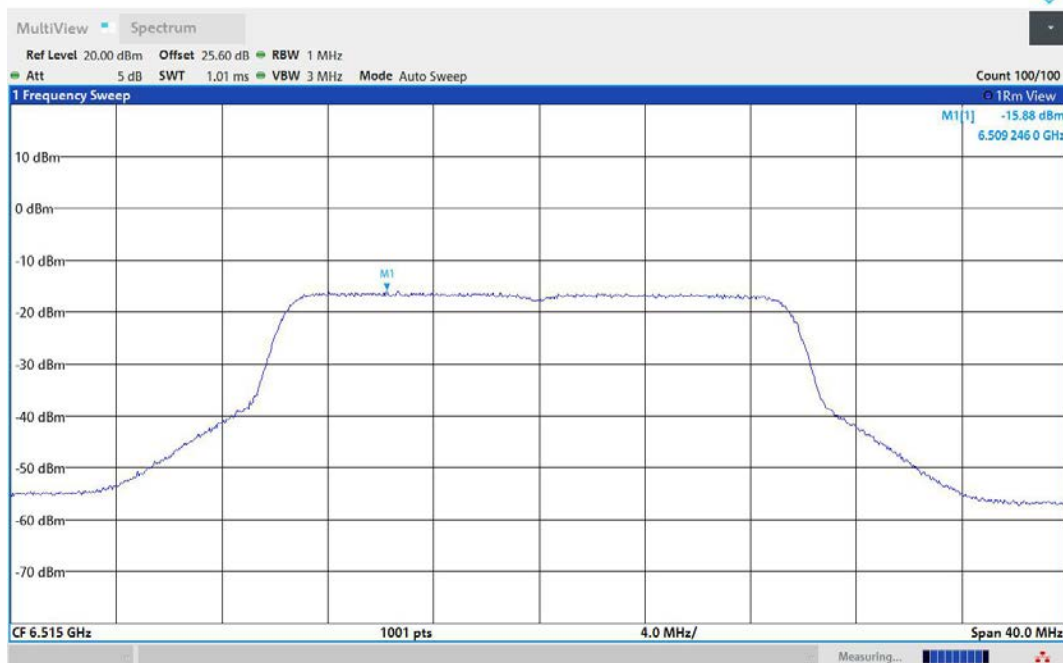
11AX20MIMO-Ant1-6475-PASS



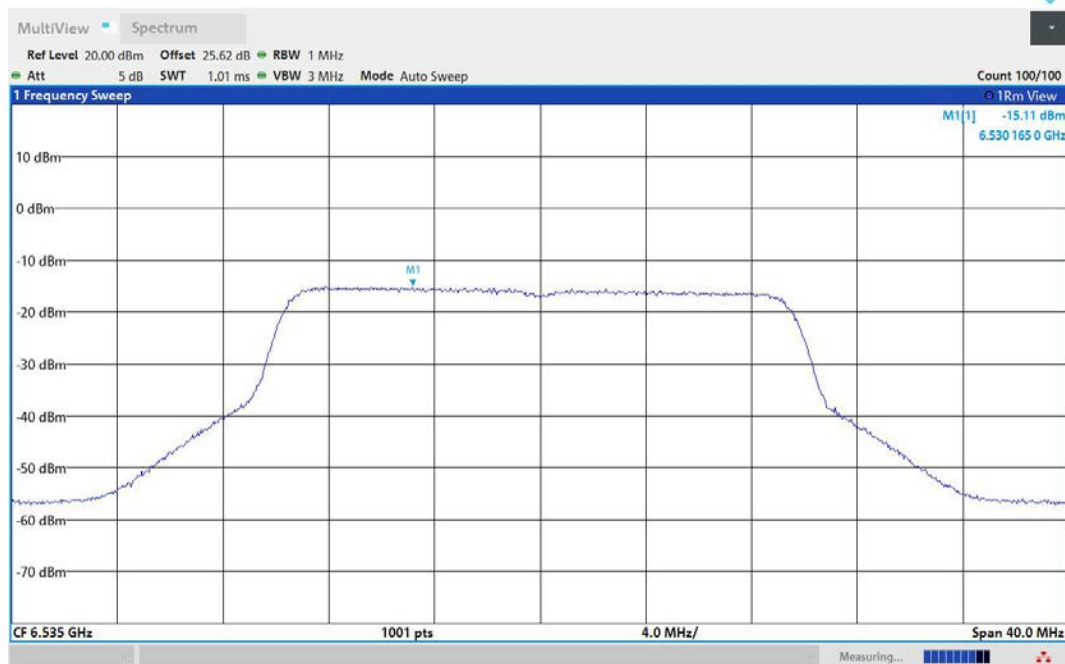
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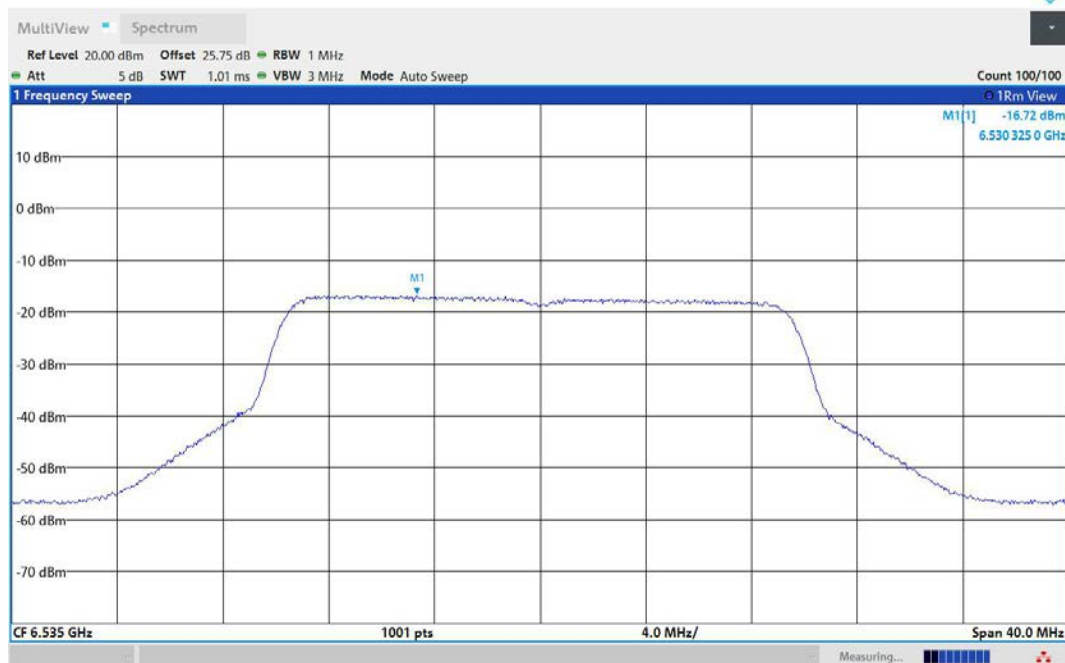
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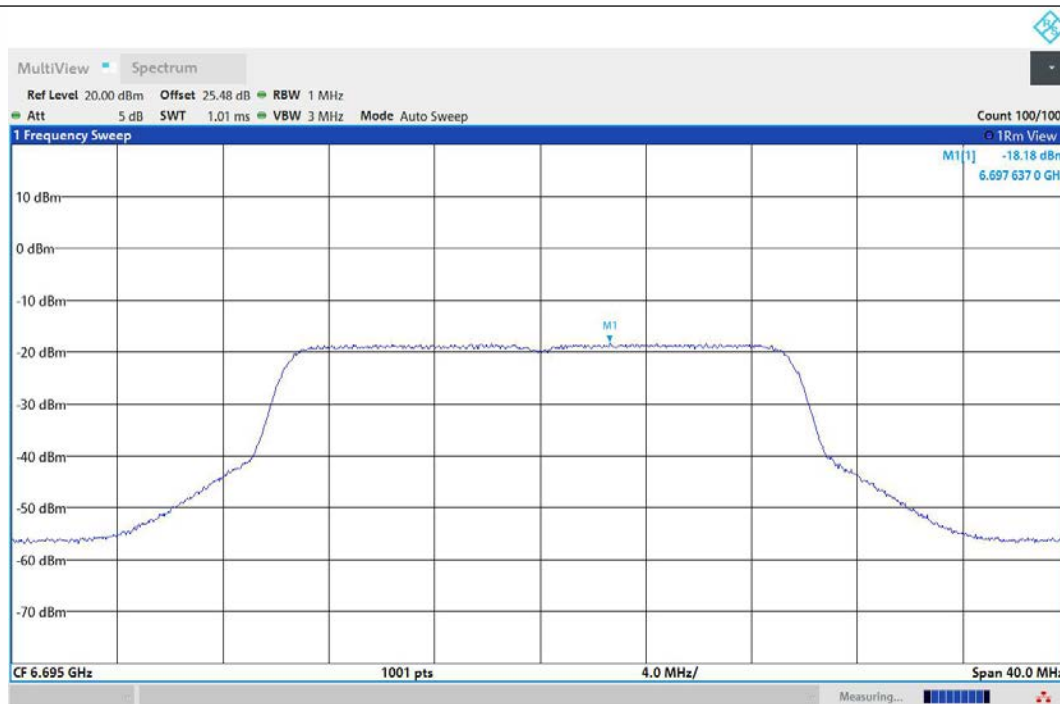
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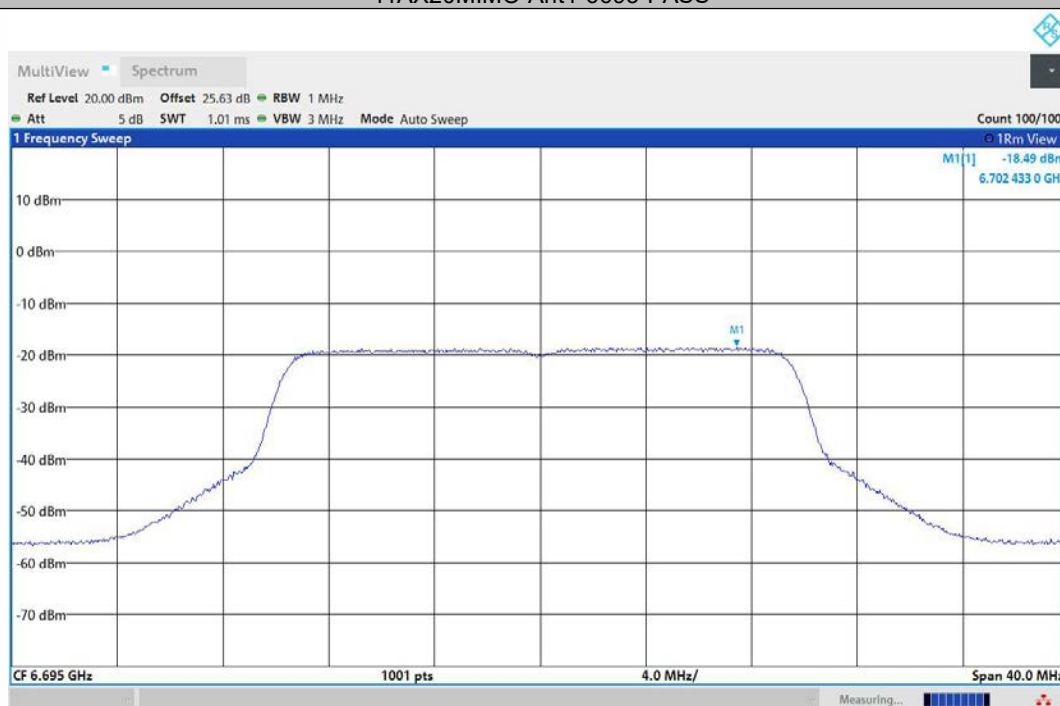
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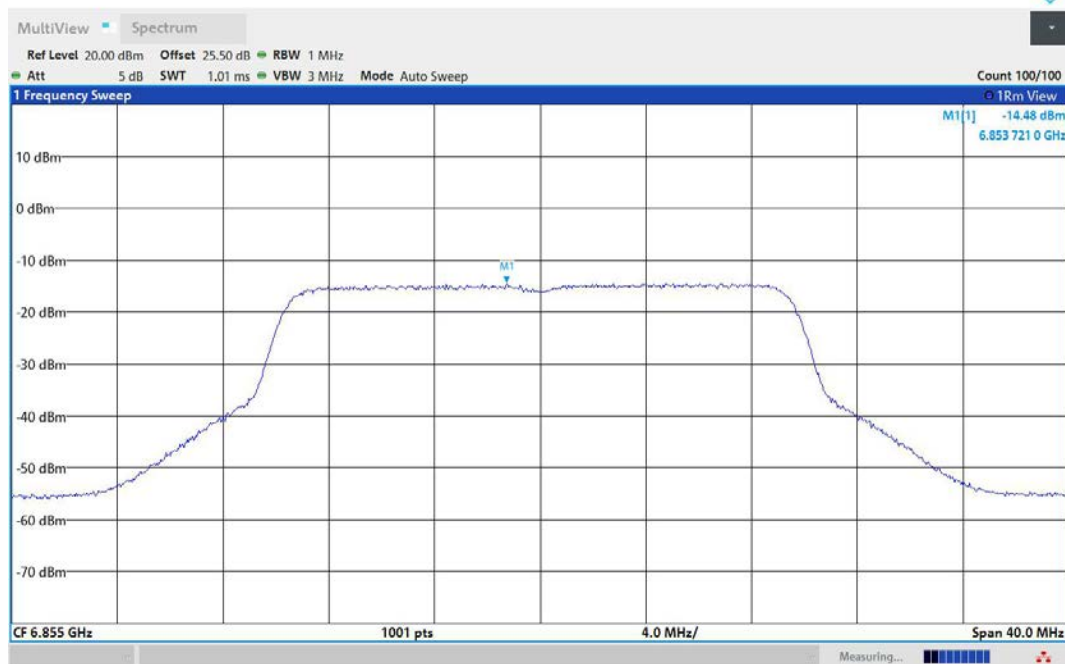
11AX20MIMO-Ant2-6535-PASS



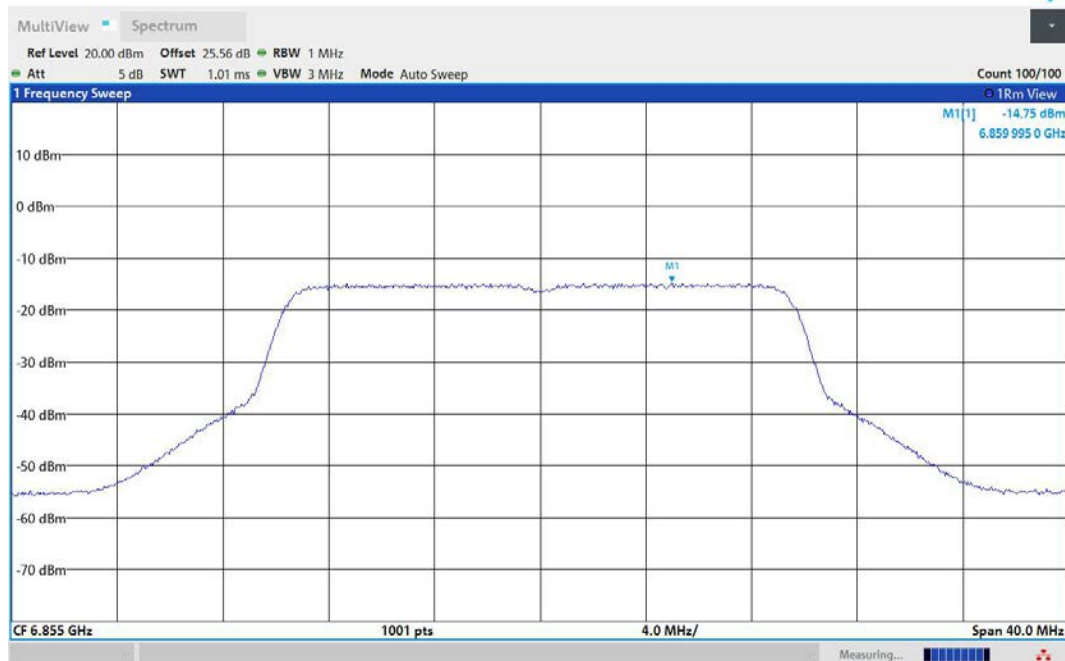
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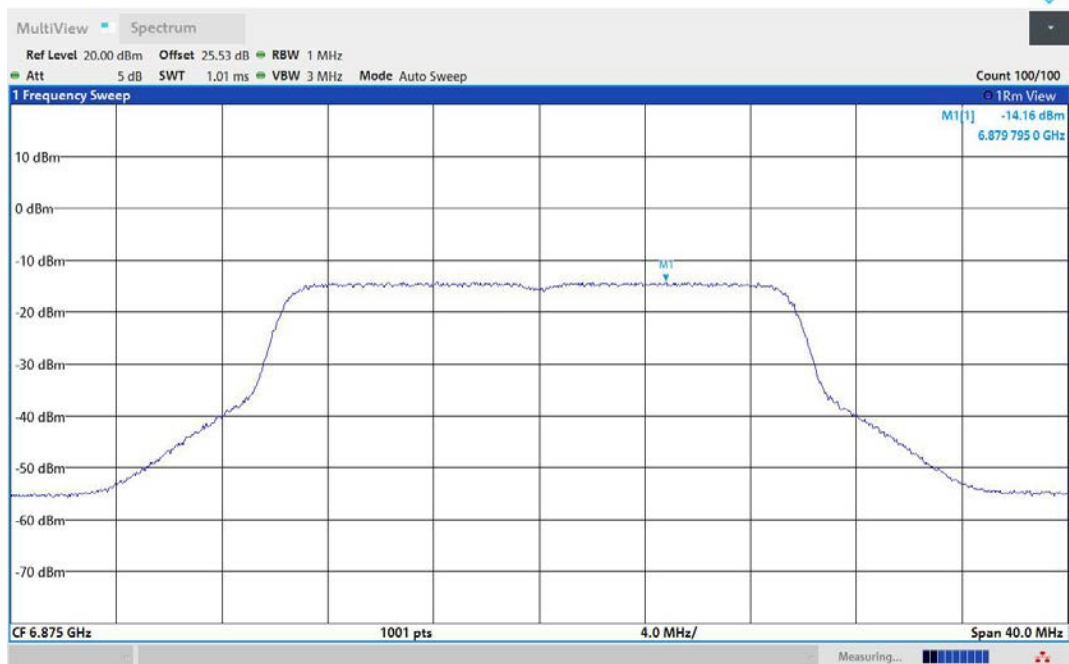
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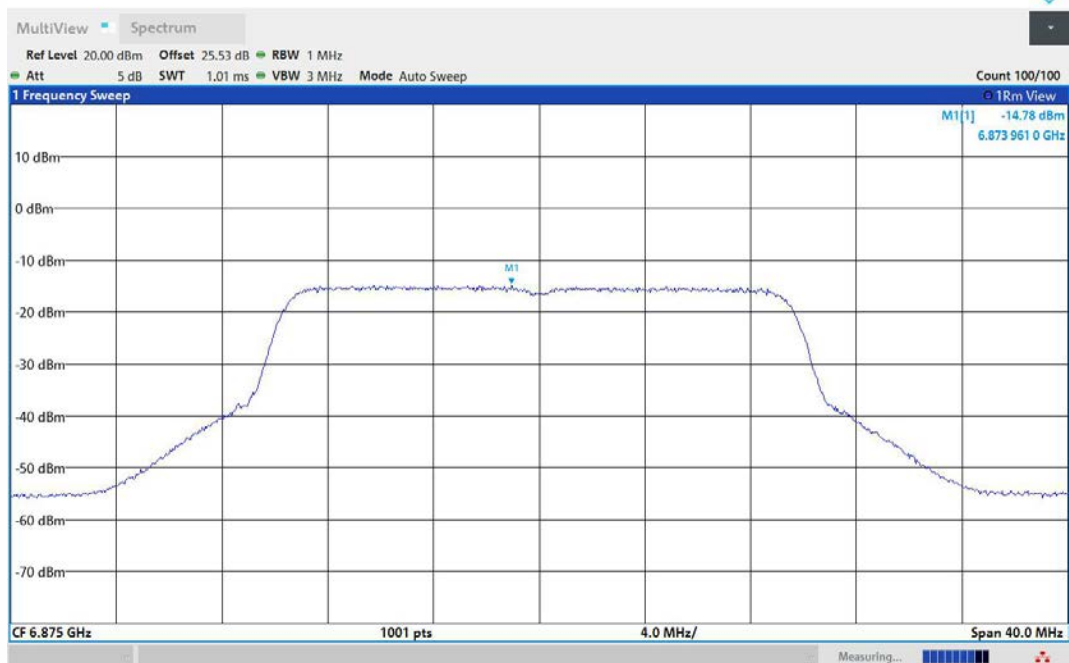
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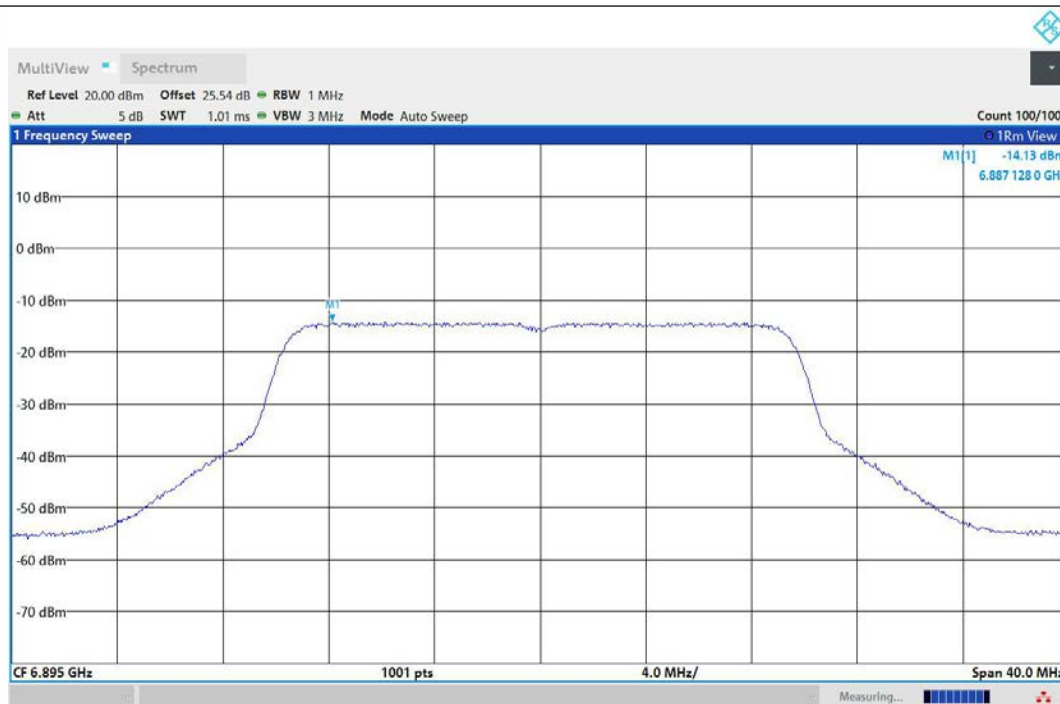
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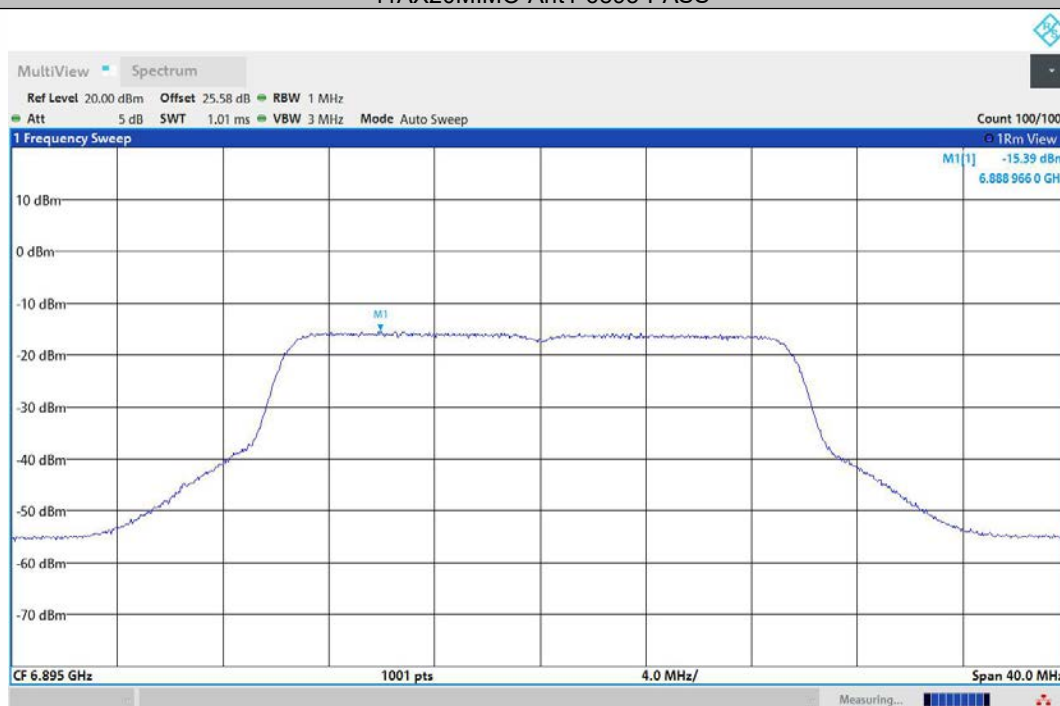
11AX20MIMO-Ant1-6875-PASS



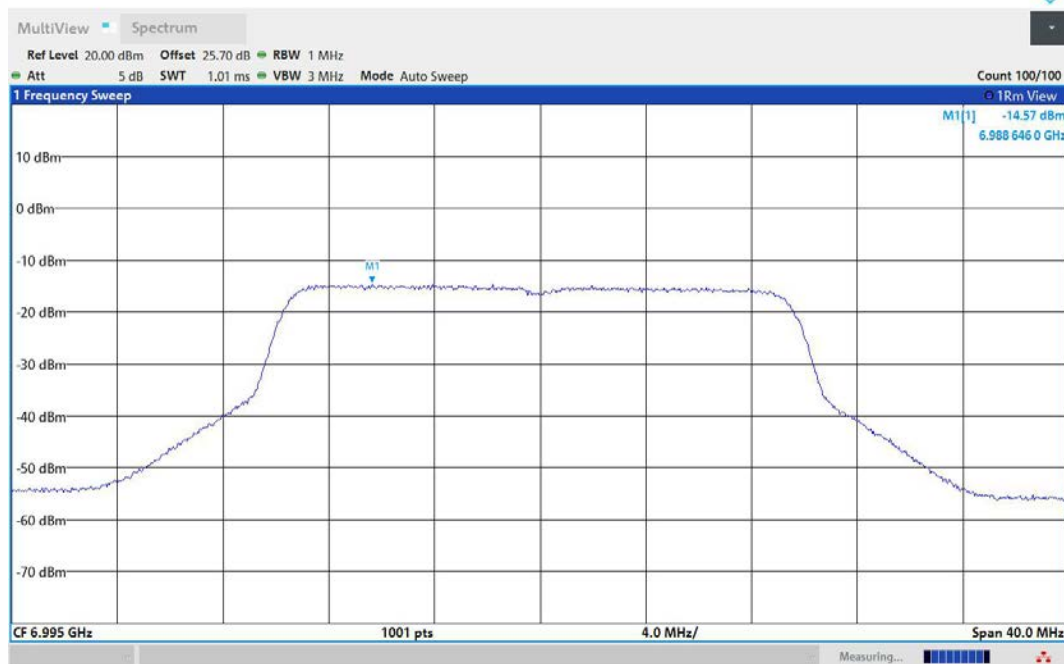
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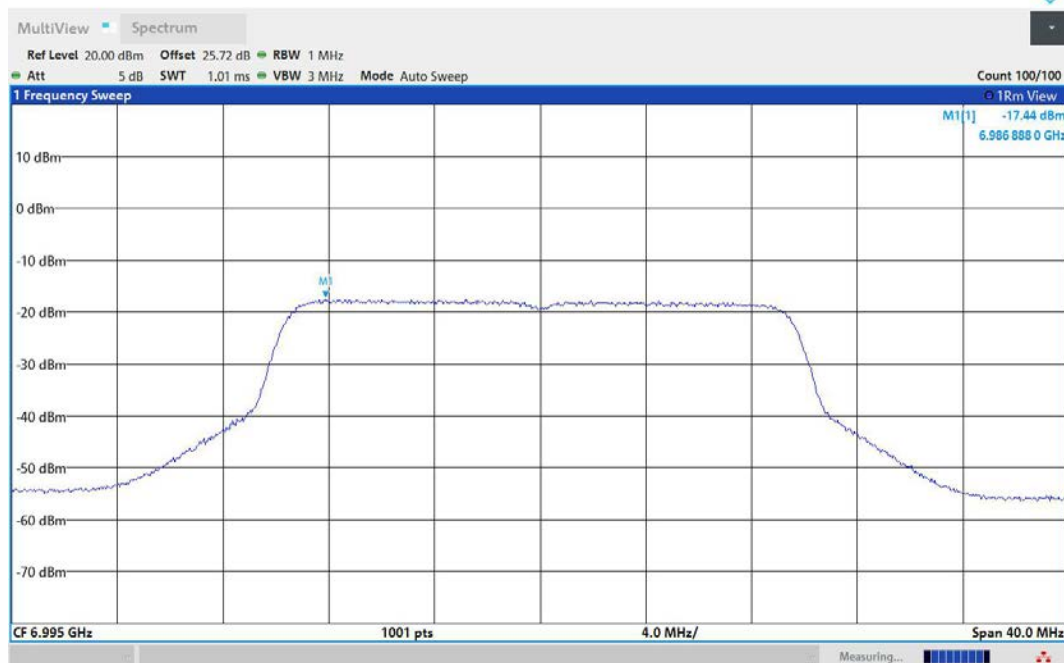
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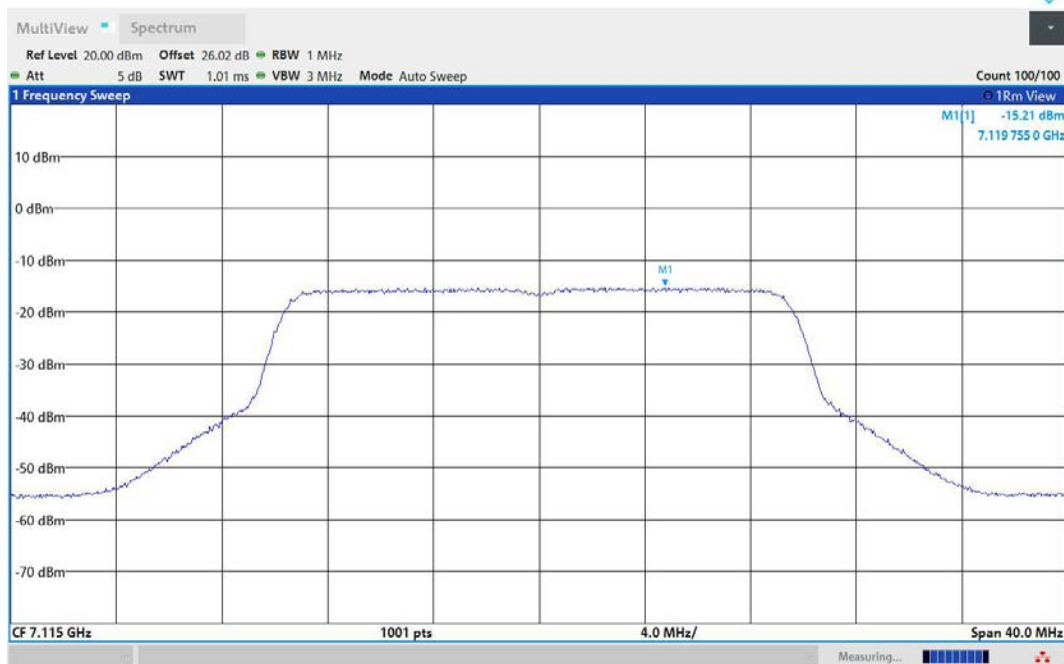
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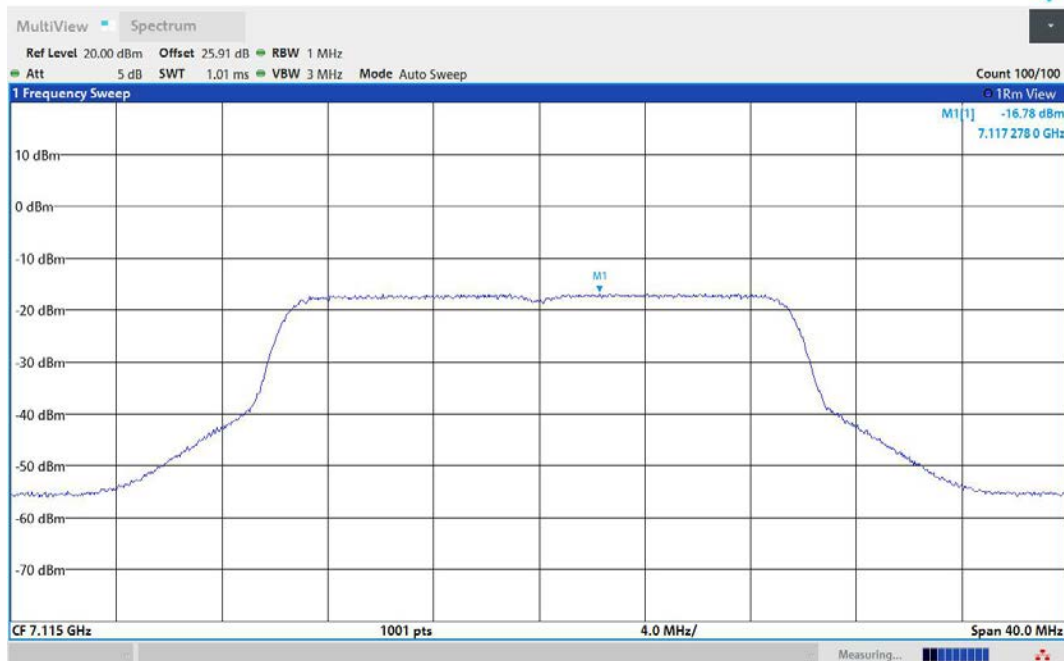
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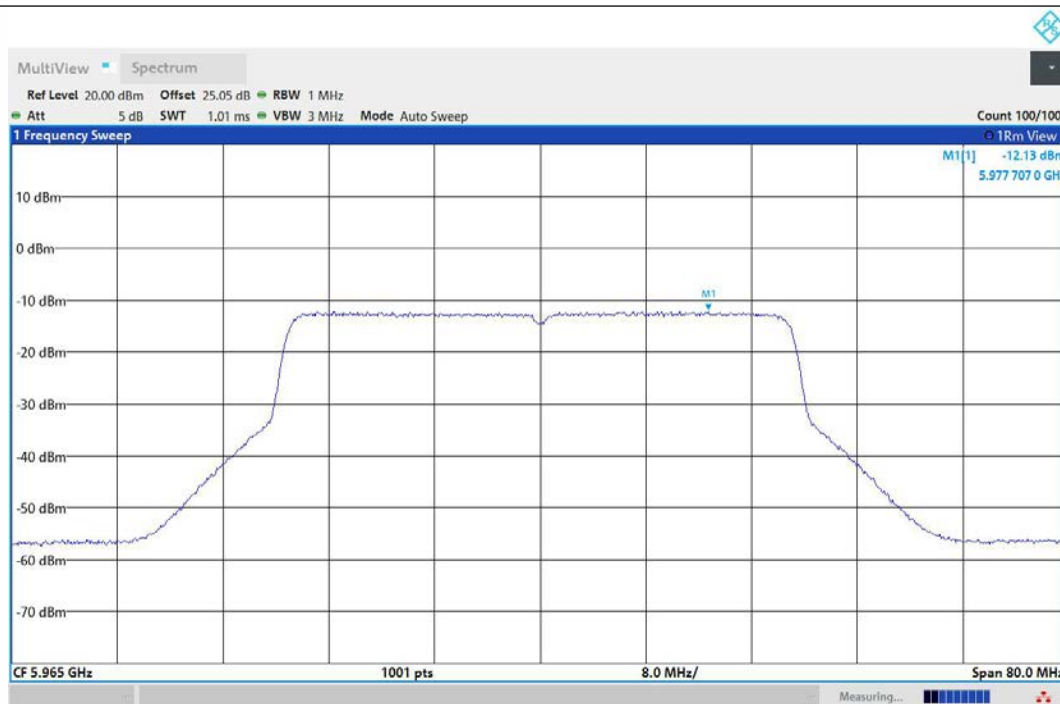
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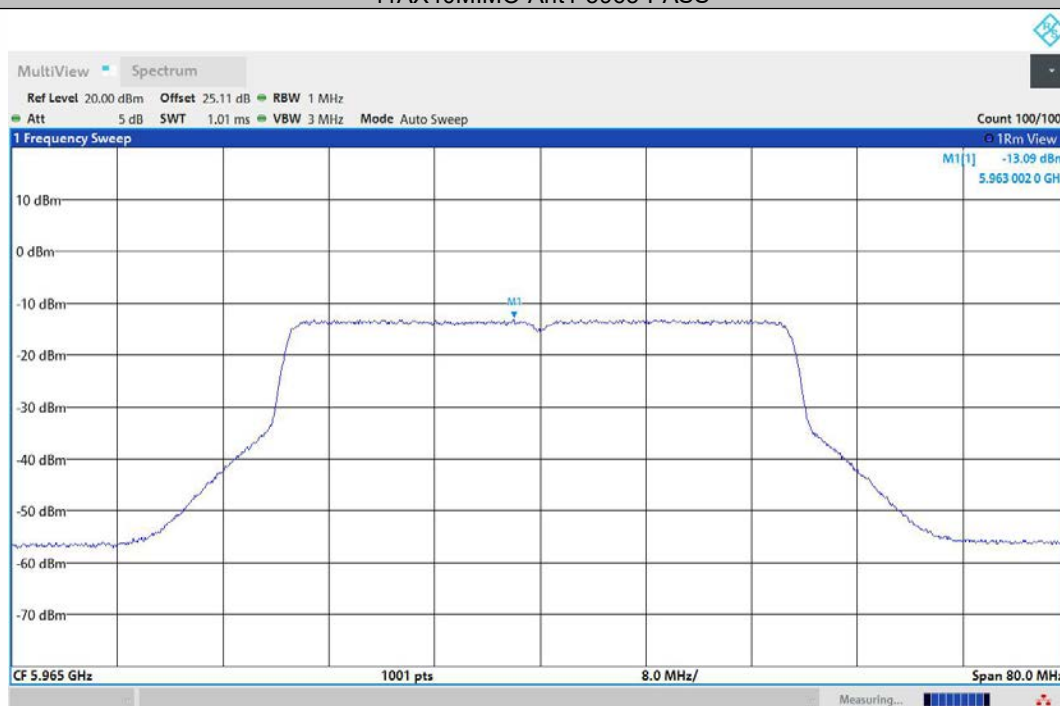
11AX20MIMO-Ant1-7115-PASS



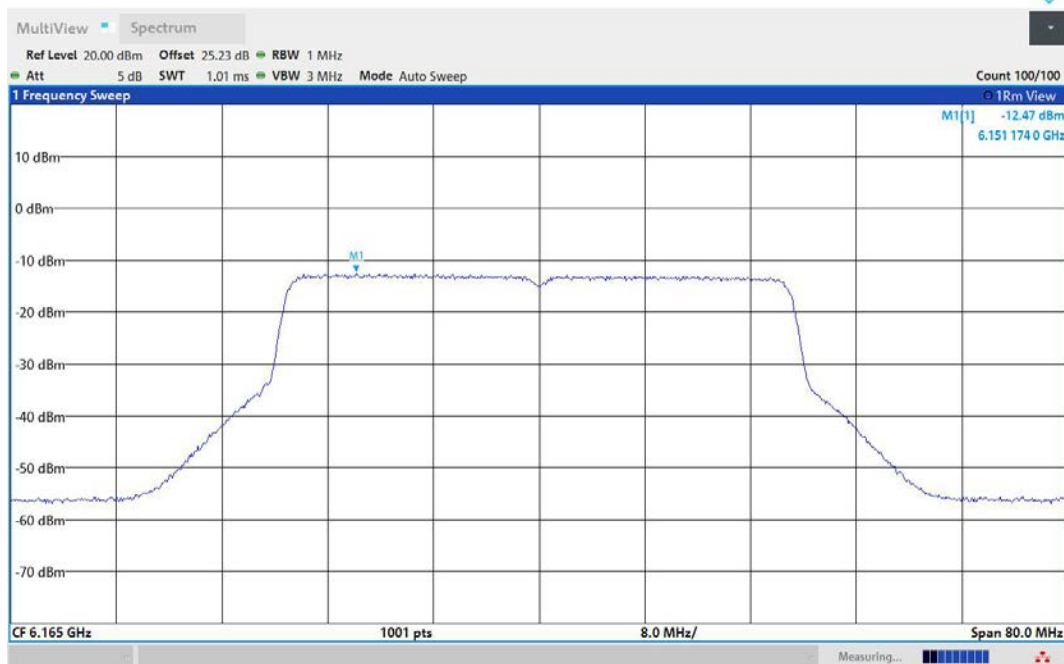
11AX20MIMO-Ant2-7115-PASS



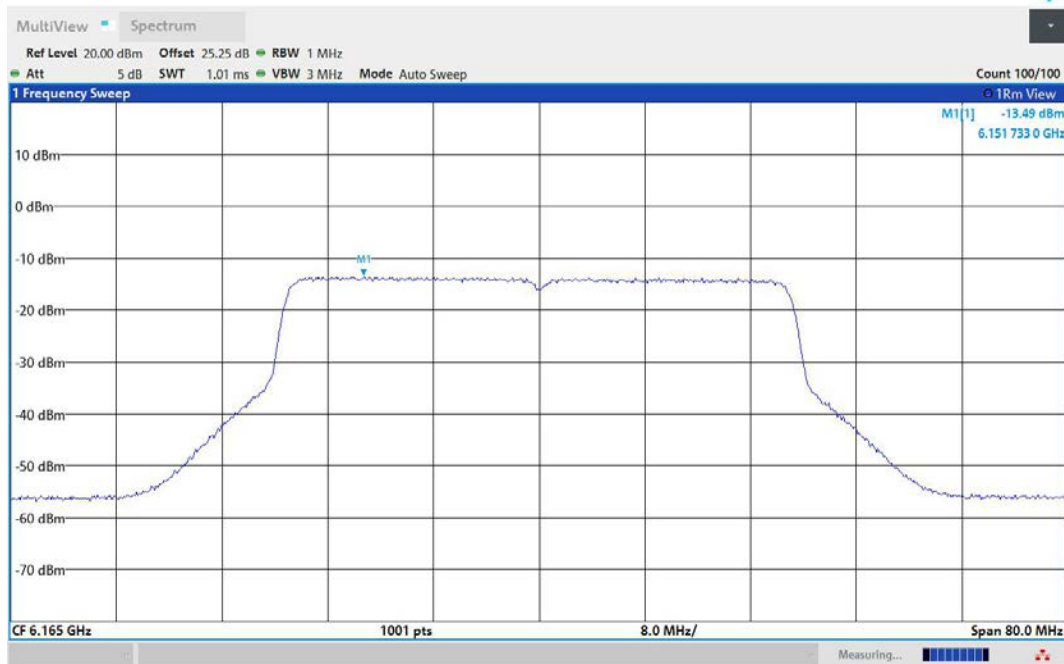
11AX40MIMO-Ant1-5965-PASS



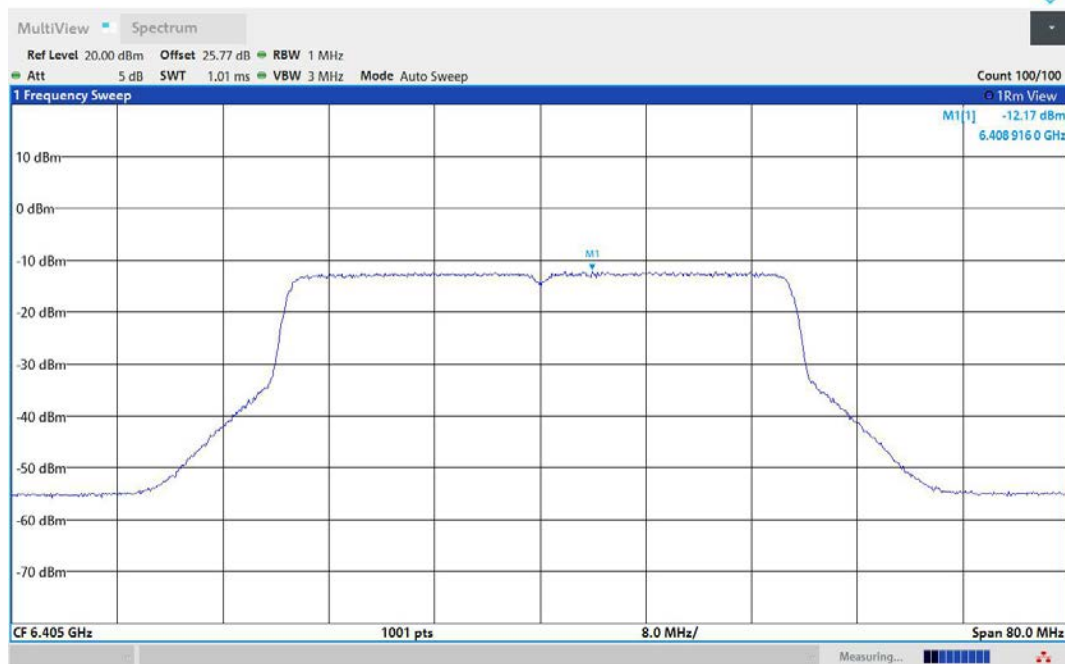
11AX40MIMO-Ant2-5965-PASS



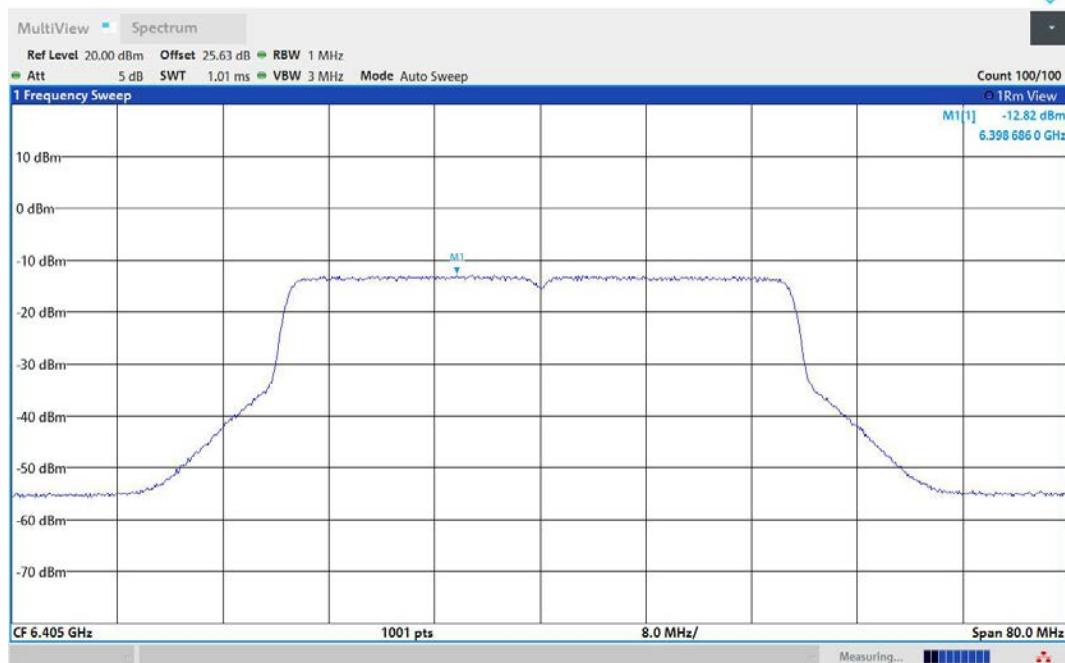
11AX40MIMO-Ant1-6165-PASS



11AX40MIMO-Ant2-6165-PASS



11AX40MIMO-Ant1-6405-PASS



11AX40MIMO-Ant2-6405-PASS