11N20MIMO	Ant1	5700	2.36	≤11.00	PASS
11N20MIMO	Ant2	5700	3.46	≤11.00	PASS
11N20MIMO	total	5700	5.96	≤9.33	PASS
11N20MIMO	Ant1	5720_UNII-2C	2.57	≤11.00	PASS
11N20MIMO	Ant2	5720_UNII-2C	3.67	≤11.00	PASS
11N20MIMO	total	5720_UNII-2C	6.17	≤9.33	PASS
11N20MIMO	Ant1	5720_UNII-3	-0.70	≤30.00	PASS
11N20MIMO	Ant2	5720_UNII-3	0.17	≤30.00	PASS
11N20MIMO	total	5720_UNII-3	2.77	≤28.62	PASS
11N20MIMO	Ant1	5745	4.12	≤30.00	PASS
11N20MIMO	Ant2	5745	4.56	≤30.00	PASS
11N20MIMO	total	5745	7.36	≤28.62	PASS
11N20MIMO	Ant1	5785	4.56	≤30.00	PASS
11N20MIMO	Ant2	5785	4.08	≤30.00	PASS
11N20MIMO	total	5785	7.34	≤28.62	PASS
11N20MIMO	Ant1	5825	4.56	≤30.00	PASS
11N20MIMO	Ant2	5825	4.06	≤30.00	PASS
11N20MIMO	total	5825	7.33	≤28.62	PASS
11N40MIMO	Ant1	5190	0.44	≤11.00	PASS
11N40MIMO	Ant2	5190	0.40	≤11.00	PASS
11N40MIMO	total	5190	3.43	≤9.88	PASS
11N40MIMO	Ant1	5230	0.26	≤11.00	PASS
11N40MIMO	Ant2	5230	0.69	≤11.00	PASS
11N40MIMO	total	5230	3.49	≤9.88	PASS
11N40MIMO	Ant1	5270	-0.01	≤11.00	PASS
11N40MIMO	Ant2	5270	0.56	≤11.00	PASS
11N40MIMO	total	5270	3.29	≤9.63	PASS
11N40MIMO	Ant1	5310	0.79	≤11.00	PASS
11N40MIMO	Ant2	5310	0.32	≤11.00	PASS
11N40MIMO	total	5310	3.57	≤9.63	PASS
11N40MIMO	Ant1	5510	0.70	≤11.00	PASS
11N40MIMO	Ant2	5510	0.25	≤11.00	PASS
11N40MIMO	total	5510	3.49	≤9.33	PASS
11N40MIMO	Ant1	5550	0.17	≤11.00	PASS
11N40MIMO	Ant2	5550	1.49	≤11.00	PASS
11N40MIMO	total	5550	3.89	≤9.33	PASS
11N40MIMO	Ant1	5670	0.85	≤11.00	PASS
11N40MIMO	Ant2	5670	0.62	≤11.00	PASS
11N40MIMO	total	5670	3.75	≤9.33	PASS
11N40MIMO	Ant1	5710_UNII-2C	0.67	≤11.00	PASS
11N40MIMO	Ant2	5710_UNII-2C	0.01	≤11.00	PASS
11N40MIMO	total	5710_UNII-2C	3.36	≤9.33	PASS
11N40MIMO	Ant1	5710_UNII-3	-4.35	≤30.00	PASS
11N40MIMO	Ant2	5710_UNII-3	-4.81	≤30.00	PASS
11N40MIMO	total	5710_UNII-3	-1.56	≤28.62	PASS
11N40MIMO	Ant1	5755	1.50	≤30.00	PASS
11N40MIMO	Ant2	5755	2.05	≤30.00	PASS
11N40MIMO	total	5755	4.79	≤28.62	PASS
11N40MIMO	Ant1	5795	1.81	≤30.00	PASS
11N40MIMO	Ant2	5795	0.90	≤30.00	PASS
11N40MIMO	total	5795	4.39	≤28.62	PASS
11AC20MIMO	Ant1	5180	3.30	≤11.00	PASS
11AC20MIMO	Ant2	5180	2.62	≤11.00	PASS
11AC20MIMO	total	5180	5.98	≤9.88	PASS
11AC20MIMO	Ant1	5200	3.54	≤11.00	PASS
11AC20MIMO	Ant2	5200	3.33	≤11.00	PASS
11AC20MIMO	total	5200	6.45	≤9.88	PASS
11AC20MIMO	Ant1	5240	3.06	≤11.00	PASS
11AC20MIMO	Ant2	5240	3.45	≤11.00	PASS

11AC20MIMO	total	5240	6.27	≤9.88	PASS
11AC20MIMO	Ant1	5260	2.79	≤11.00	PASS
11AC20MIMO	Ant2	5260	2.92	≤11.00	PASS
11AC20MIMO	total	5260	5.87	≤9.63	PASS
11AC20MIMO	Ant1	5280	3.12	≤11.00	PASS
11AC20MIMO	Ant2	5280	2.56	≤11.00	PASS
11AC20MIMO	total	5280	5.86	≤9.63	PASS
11AC20MIMO	Ant1	5320	3.39	≤11.00	PASS
11AC20MIMO	Ant2	5320	2.68	≤11.00	PASS
11AC20MIMO	total	5320	6.06	≤9.63	PASS
11AC20MIMO	Ant1	5500	2.58	≤11.00	PASS
11AC20MIMO	Ant2	5500	3.05	≤11.00	PASS
11AC20MIMO	total	5500	5.83	≤9.33	PASS
11AC20MIMO	Ant1	5580	2.90	≤11.00	PASS
11AC20MIMO	Ant2	5580	3.84	≤11.00	PASS
11AC20MIMO	total	5580	6.41	≤9.33	PASS
11AC20MIMO	Ant1	5700	3.26	≤11.00	PASS
11AC20MIMO	Ant2	5700	3.48	≤11.00	PASS
11AC20MIMO	total	5700	6.38	≤9.33	PASS
11AC20MIMO	Ant1	5720_UNII-2C	3.15	≤11.00	PASS
11AC20MIMO	Ant2	5720_UNII-2C	2.75	≤11.00	PASS
11AC20MIMO	total	5720_UNII-2C	5.96	≤9.33	PASS
11AC20MIMO	Ant1	5720_UNII-3	-0.17	≤30.00	PASS
11AC20MIMO	Ant2	5720_UNII-3	-0.53	≤30.00	PASS
11AC20MIMO	total	5720_UNII-3	2.66	≤28.62	PASS
11AC20MIMO	Ant1	5745	3.25	≤30.00	PASS
11AC20MIMO	Ant2	5745	3.10	≤30.00	PASS
11AC20MIMO	total	5745	6.19	≤28.62	PASS
11AC20MIMO	Ant1	5785	3.60	≤30.00	PASS
11AC20MIMO	Ant2	5785	3.44	≤30.00	PASS
11AC20MIMO	total	5785	6.53	≤28.62	PASS
11AC20MIMO	Ant1	5825	4.02	≤30.00	PASS
11AC20MIMO	Ant2	5825	3.25	≤30.00	PASS
11AC20MIMO	total	5825	6.66	≤28.62	PASS
11AC40MIMO	Ant1	5190	0.74	≤11.00	PASS
11AC40MIMO	Ant2	5190	0.62	≤11.00	PASS
11AC40MIMO	total	5190	3.69	≤9.88	PASS
11AC40MIMO	Ant1	5230	0.98	≤11.00	PASS
11AC40MIMO	Ant2	5230	0.90	≤11.00	PASS
11AC40MIMO	total	5230	3.95	≤9.88	PASS
11AC40MIMO	Ant1	5270	0.13	≤11.00	PASS
11AC40MIMO	Ant2	5270	0.59	≤11.00	PASS
11AC40MIMO	total	5270	3.38	≤9.63	PASS
11AC40MIMO	Ant1	5310	1.02	≤11.00	PASS
11AC40MIMO	Ant2	5310	0.48	≤11.00	PASS
11AC40MIMO	total	5310	3.77	≤9.63	PASS
11AC40MIMO	Ant1	5510	0.66	≤11.00	PASS
11AC40MIMO	Ant2	5510	0.28	≤11.00	PASS
11AC40MIMO	total	5510	3.48	≤9.33	PASS
11AC40MIMO	Ant1	5550	1.24	≤11.00	PASS
11AC40MIMO	Ant2	5550	-0.26	≤11.00	PASS
11AC40MIMO	total	5550	3.56	≤9.33	PASS
11AC40MIMO	Ant1	5670	0.97	≤11.00	PASS
11AC40MIMO	Ant2	5670	1.17	≤11.00	PASS
11AC40MIMO	total	5670	4.08	≤9.33	PASS
11AC40MIMO	Ant1	5710_UNII-2C	0.58	≤11.00	PASS
11AC40MIMO	Ant2	5710_UNII-2C	0.43	≤11.00	PASS
11AC40MIMO	total	5710_UNII-2C	3.52	≤9.33	PASS
11AC40MIMO	Ant1	5710_UNII-3	-3.98	≤30.00	PASS

11AC40MIMO	Ant2	5710_UNII-3	-4.66	≤30.00	PASS
11AC40MIMO	total	5710_UNII-3	-1.30	≤28.62	PASS
11AC40MIMO	Ant1	5755	0.92	≤30.00	PASS
11AC40MIMO	Ant2	5755	1.04	≤30.00	PASS
11AC40MIMO	total	5755	3.99	≤28.62	PASS
11AC40MIMO	Ant1	5795	0.55	≤30.00	PASS
11AC40MIMO	Ant2	5795	0.52	≤30.00	PASS
11AC40MIMO	total	5795	3.55	≤28.62	PASS
11AC80MIMO	Ant1	5210	-2.11	≤11.00	PASS
11AC80MIMO	Ant2	5210	-1.98	≤11.00	PASS
11AC80MIMO	total	5210	0.97	≤9.88	PASS
11AC80MIMO	Ant1	5290	-2.52	≤11.00	PASS
11AC80MIMO	Ant2	5290	-2.84	≤11.00	PASS
11AC80MIMO	total	5290	0.33	≤9.63	PASS
11AC80MIMO	Ant1	5530	-2.37	≤11.00	PASS
11AC80MIMO	Ant2	5530	-2.77	≤11.00	PASS
11AC80MIMO	total	5530	0.44	≤9.33	PASS
11AC80MIMO	Ant1	5610	-2.05	≤11.00	PASS
11AC80MIMO	Ant2	5610	-1.43	≤11.00	PASS
11AC80MIMO	total	5610	1.28	≤9.33	PASS
11AC80MIMO	Ant1	5690_UNII-2C	-2.78	≤11.00	PASS
11AC80MIMO	Ant2	5690_UNII-2C	-2.28	≤11.00	PASS
11AC80MIMO	total	5690_UNII-2C	0.49	≤9.33	PASS
11AC80MIMO	Ant1	5690_UNII-3	-9.50	≤30.00	PASS
11AC80MIMO	Ant2	5690_UNII-3	-10.05	≤30.00	PASS
11AC80MIMO	total	5690_UNII-3	-6.76	≤28.62	PASS
11AC80MIMO	Ant1	5775	-5.10	≤30.00	PASS
11AC80MIMO	Ant2	5775	-5.24	≤30.00	PASS
11AC80MIMO	total	5775	-2.16	≤28.62	PASS

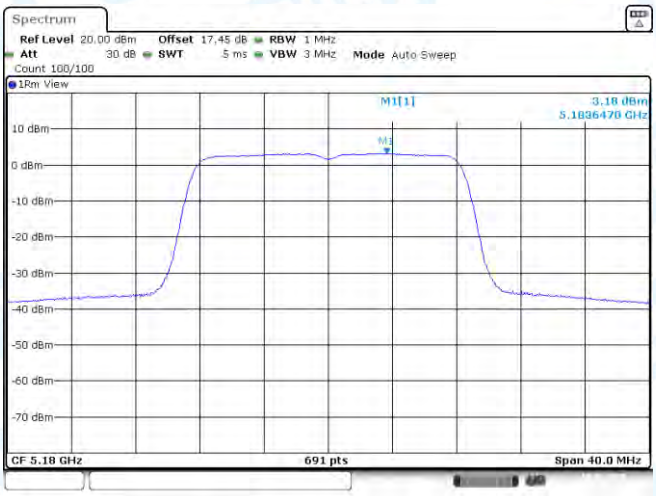
Note: 1, For MIMO Mode, Directional gain = Gain+10*$\log_{10}$(2)=Gain+3.01

Directional Gain =7.12dBi＞6dBi. For U-NII-1
Directional Gain =7.37dBi＞6dBi. For U-NII-2A
Directional Gain =7.67dBi＞6dBi. For U-NII-2C
Directional Gain =7.38dBi＞6dBi. For U-NII-3
So Pout = Plimit-(G_{TX}-6)]=(11.00-1.12)dBm =9.88dBm/MHz For U-NII-1: 5180MHz-5260MHz
So Pout = Plimit-(G_{TX}-6)]=(11.00-1.37)dBm =9.63dBm/MHz For U-NII-2A: 5260MHz-5320MHz
So Pout = Plimit-(G_{TX}-6)]=(11.00-1.67)dBm=9.33dBm/MHz For U-NII-2C: 5500MHz-5720MHz
So Pout = Plimit-(G_{TX}-6)]=(30.00-1.38)dBm=28.62dBm/500kHz For U-NII-3: 5745MHz-5825MHz

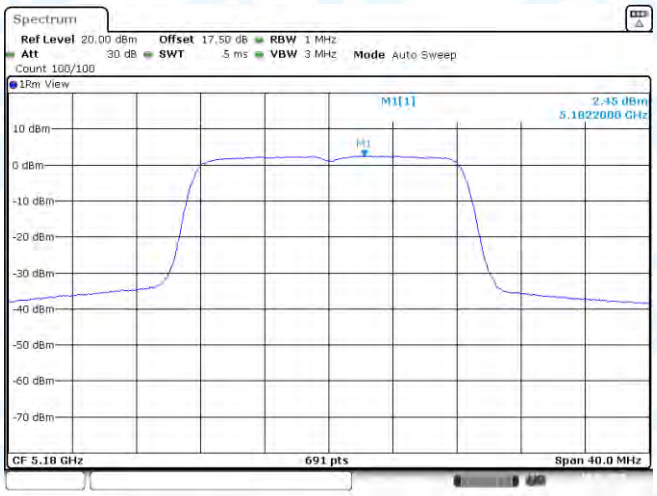
2, The Duty Cycle Factor is compensated in the graph.

3, The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

6.2 Test Graphs



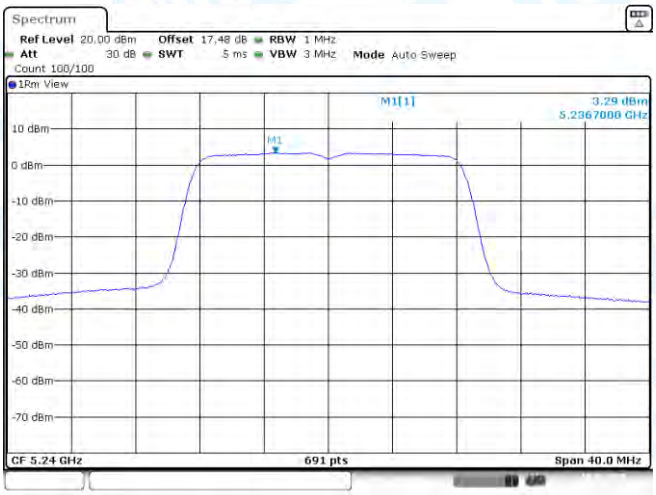
11A-Ant1-5180-PASS



11A-Ant2-5180-PASS

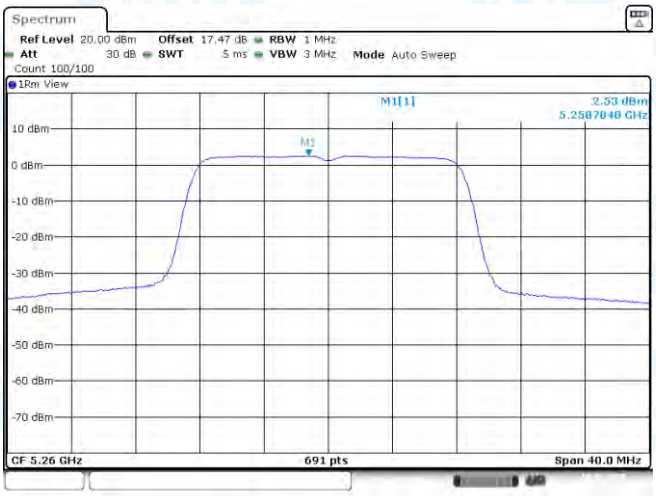
11A-Ant1-5200-PASS

11A-Ant2-5200-PASS



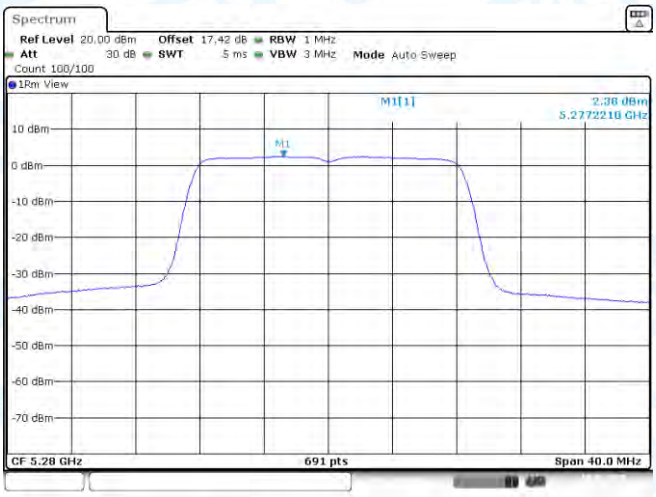
11A-Ant1-5240-PASS

11A-Ant2-5240-PASS

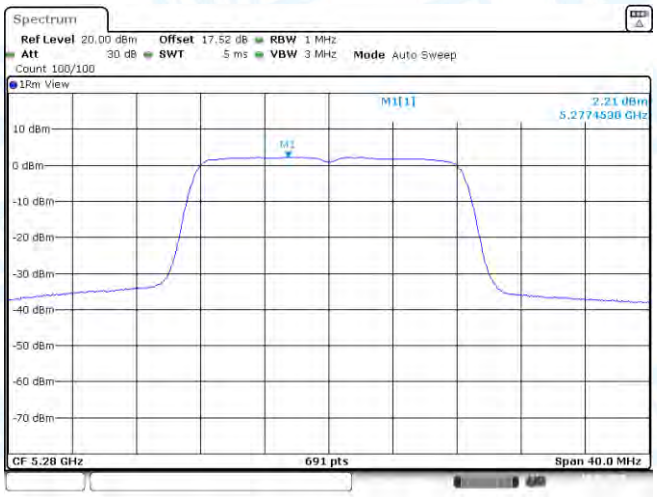


11A-Ant1-5260-PASS

11A-Ant2-5260-PASS



11A-Ant1-5280-PASS

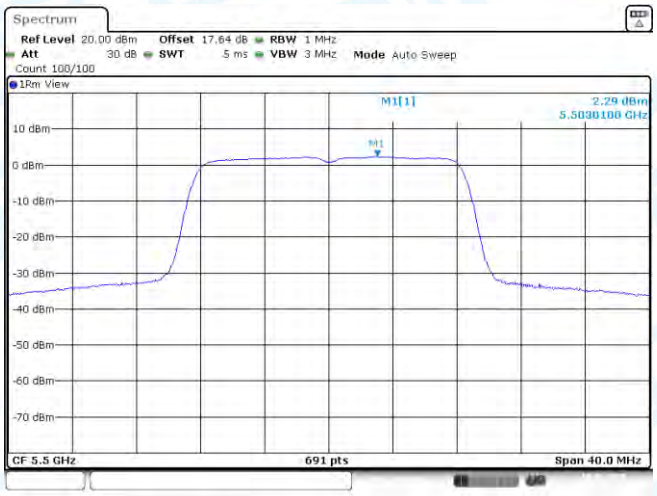


11A-Ant2-5280-PASS

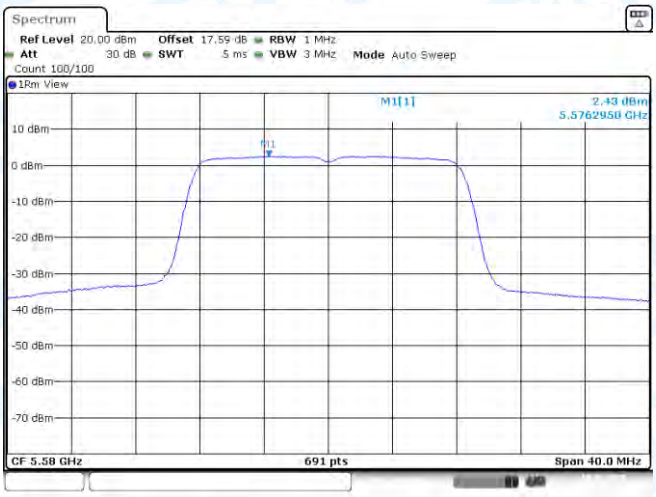
11A-Ant1-5320-PASS

11A-Ant2-5320-PASS

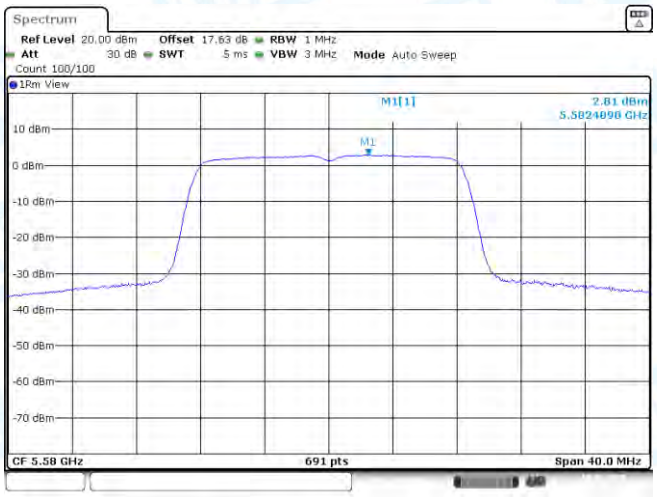
11A-Ant1-5500-PASS



11A-Ant2-5500-PASS



11A-Ant1-5580-PASS

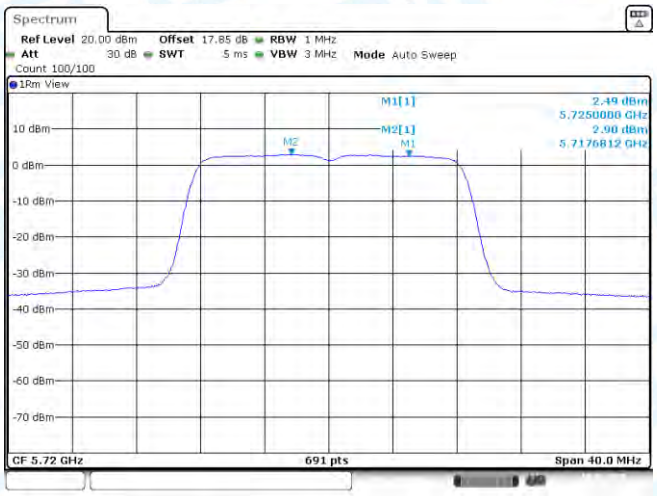


11A-Ant2-5580-PASS

11A-Ant1-5700-PASS

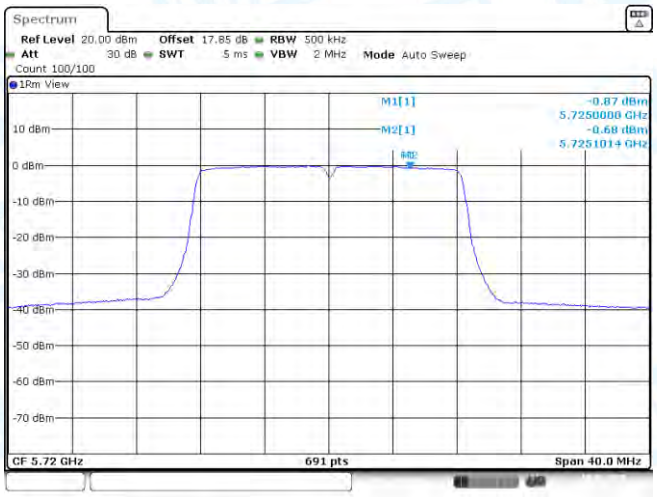
11A-Ant2-5700-PASS

11A-Ant1-5720_UNII-2C-PASS



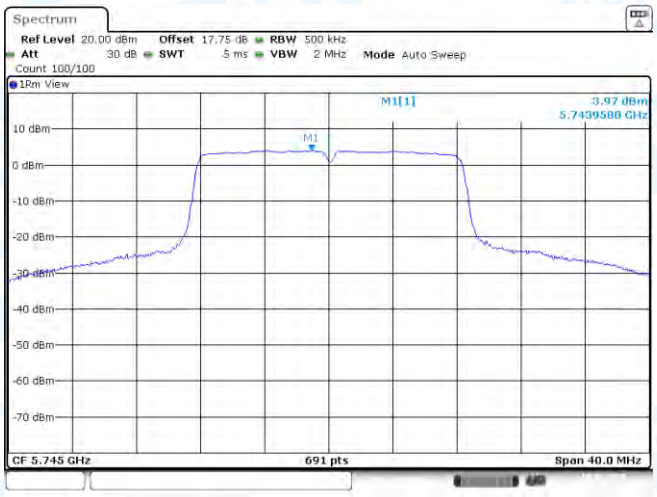
11A-Ant2-5720_UNII-2C-PASS

11A-Ant1-5720_UNII-3-PASS



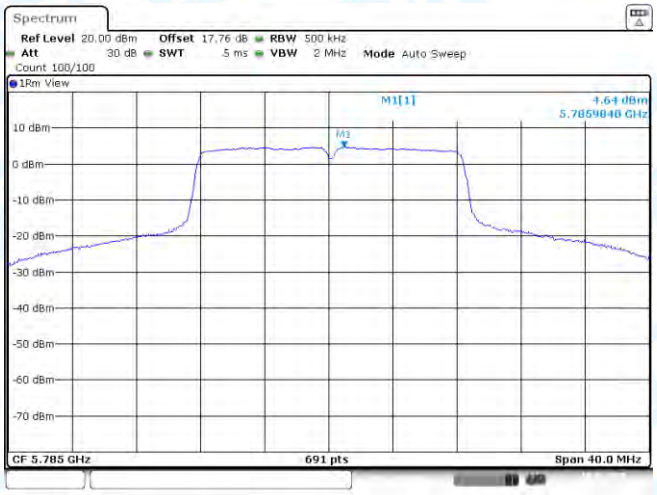
11A-Ant2-5720_UNII-3-PASS

11A-Ant1-5745-PASS



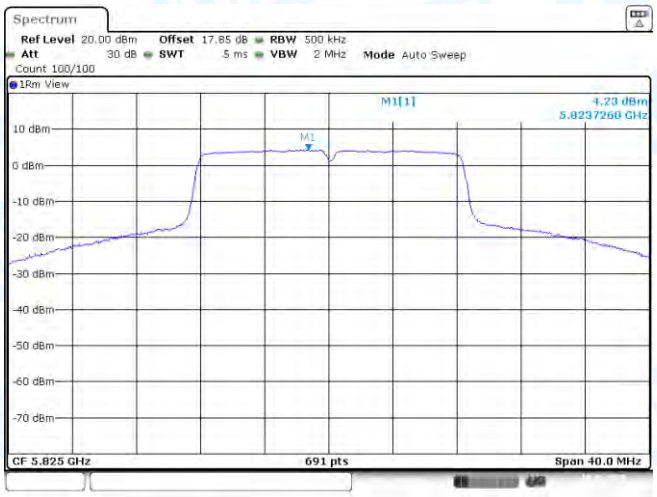
11A-Ant2-5745-PASS

11A-Ant1-5785-PASS

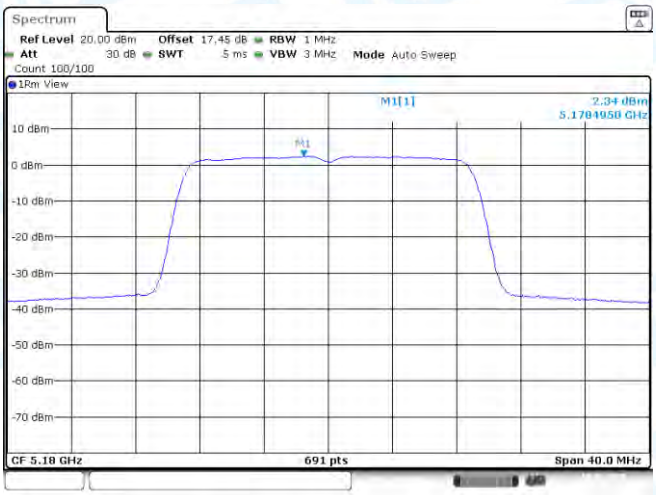


11A-Ant2-5785-PASS

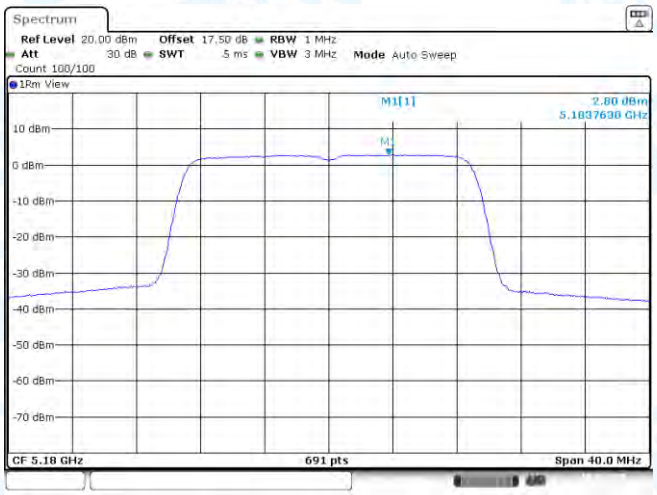
11A-Ant1-5825-PASS



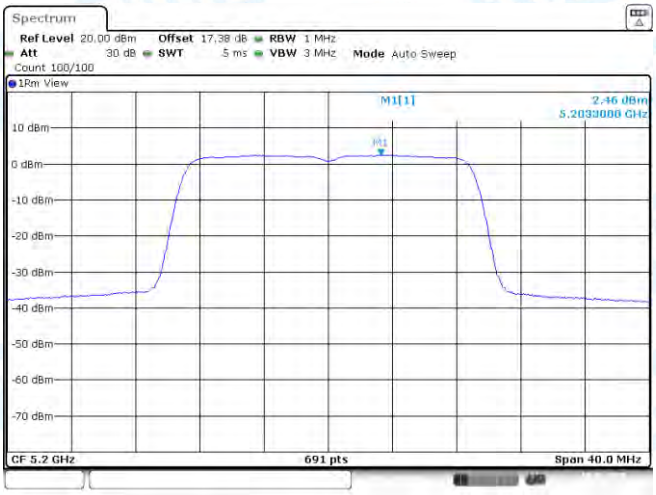
11A-Ant2-5825-PASS



11N20MIMO-Ant1-5180-PASS



11N20MIMO-Ant2-5180-PASS



11N20MIMO-Ant1-5200-PASS

11N20MIMO-Ant2-5200-PASS

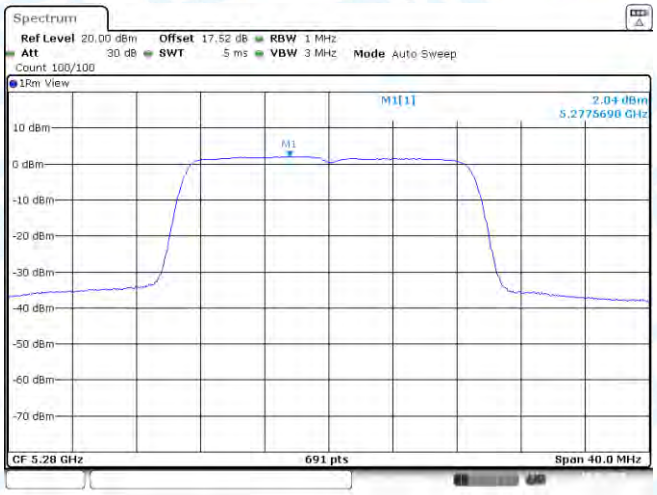
11N20MIMO-Ant1-5240-PASS

11N20MIMO-Ant2-5240-PASS

11N20MIMO-Ant1-5260-PASS

11N20MIMO-Ant2-5260-PASS

11N20MIMO-Ant1-5280-PASS

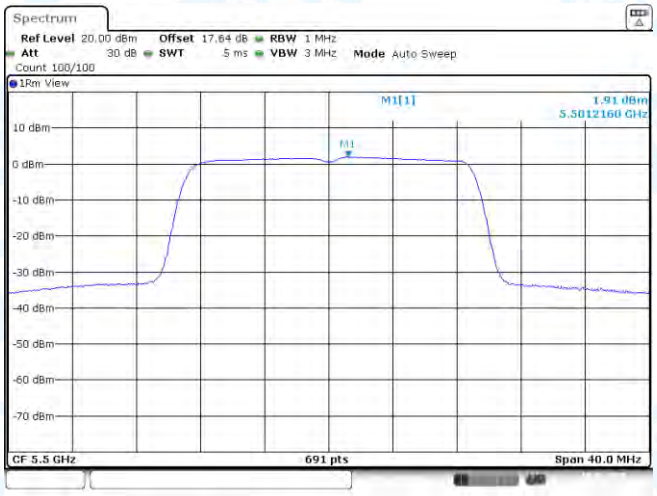


11N20MIMO-Ant2-5280-PASS

11N20MIMO-Ant1-5320-PASS

11N20MIMO-Ant2-5320-PASS

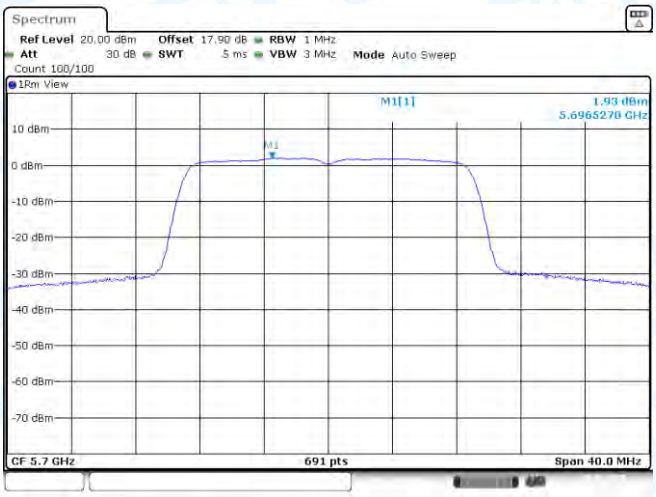
11N20MIMO-Ant1-5500-PASS



11N20MIMO-Ant2-5500-PASS

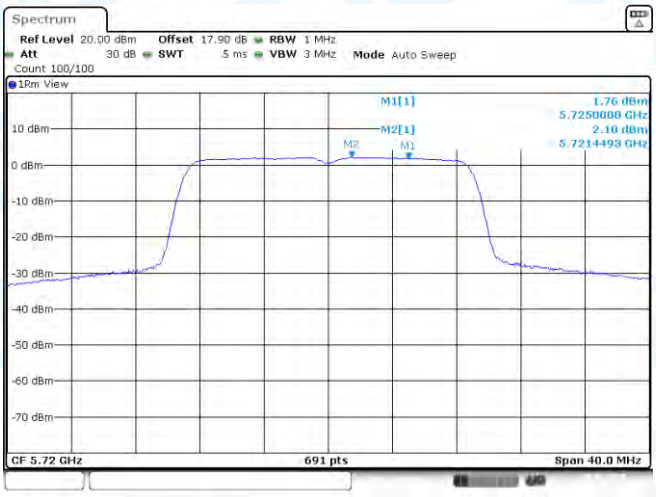
11N20MIMO-Ant1-5580-PASS

11N20MIMO-Ant2-5580-PASS

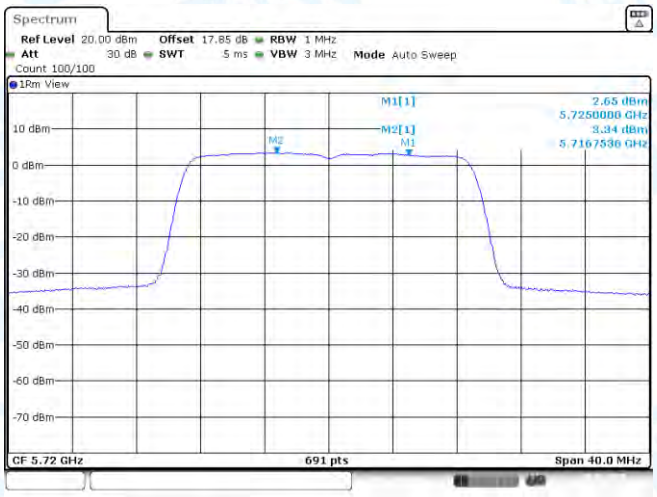


11N20MIMO-Ant1-5700-PASS

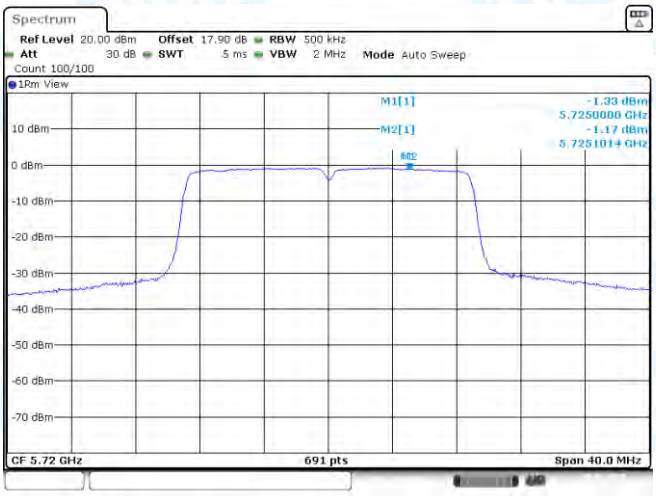
11N20MIMO-Ant2-5700-PASS



11N20MIMO-Ant1-5720_UNII-2C-PASS



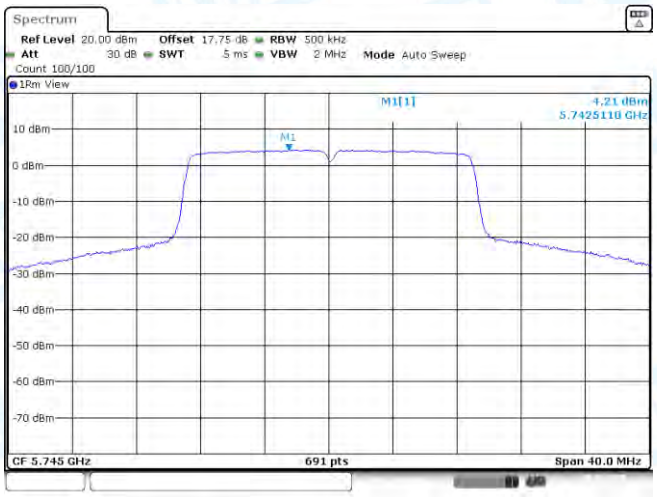
11N20MIMO-Ant2-5720_UNII-2C-PASS



11N20MIMO-Ant1-5720_UNII-3-PASS

11N20MIMO-Ant2-5720_UNII-3-PASS

11N20MIMO-Ant1-5745-PASS



11N20MIMO-Ant2-5745-PASS

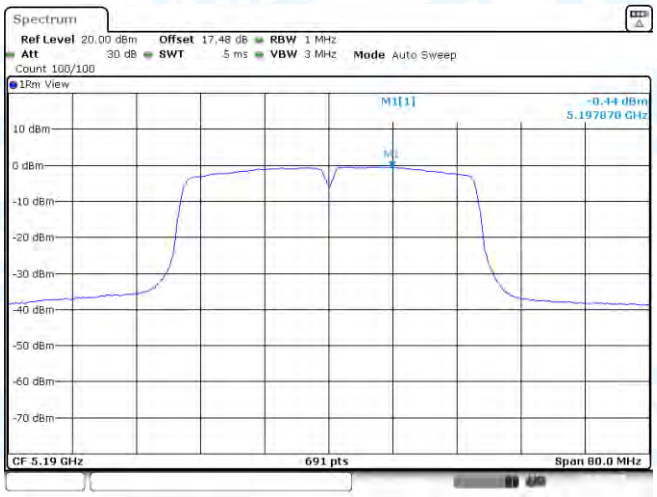
11N20MIMO-Ant1-5785-PASS

11N20MIMO-Ant2-5785-PASS

11N20MIMO-Ant1-5825-PASS

11N20MIMO-Ant2-5825-PASS

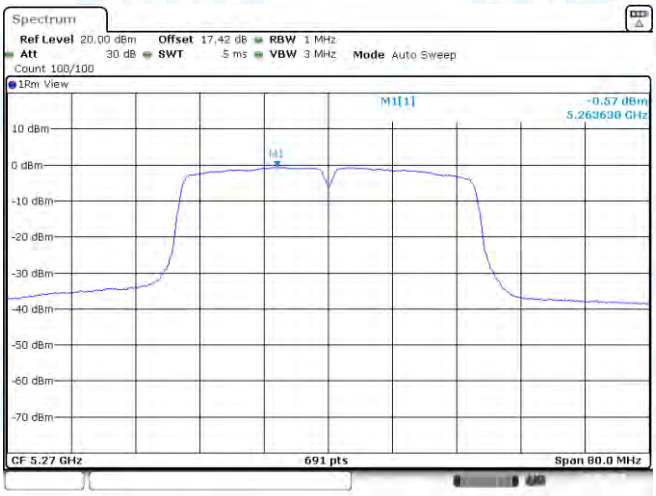
11N40MIMO-Ant1-5190-PASS



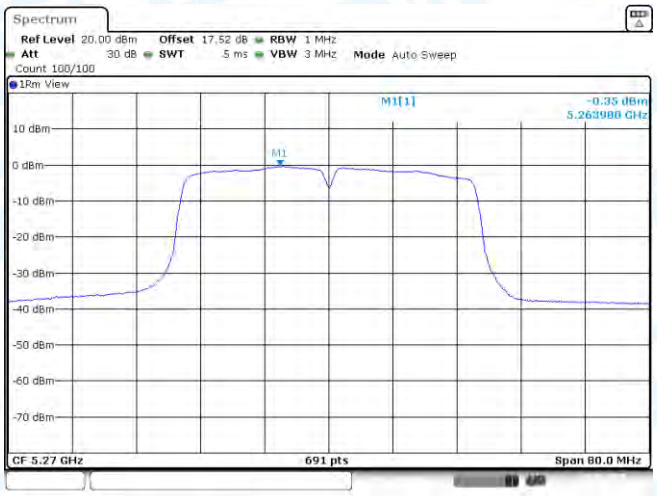
11N40MIMO-Ant2-5190-PASS

11N40MIMO-Ant1-5230-PASS

11N40MIMO-Ant2-5230-PASS

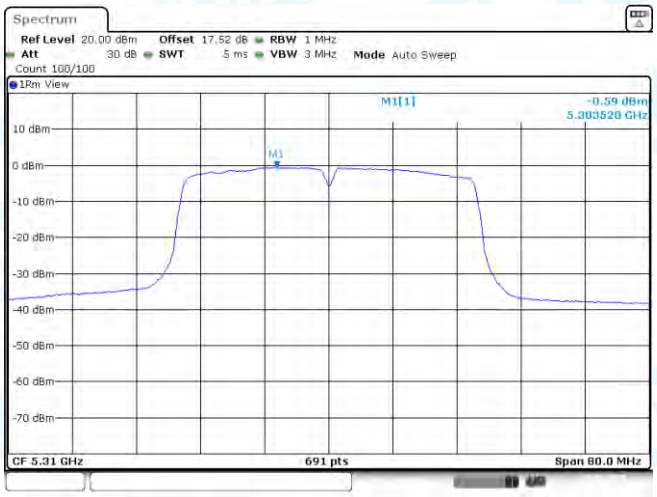


11N40MIMO-Ant1-5270-PASS

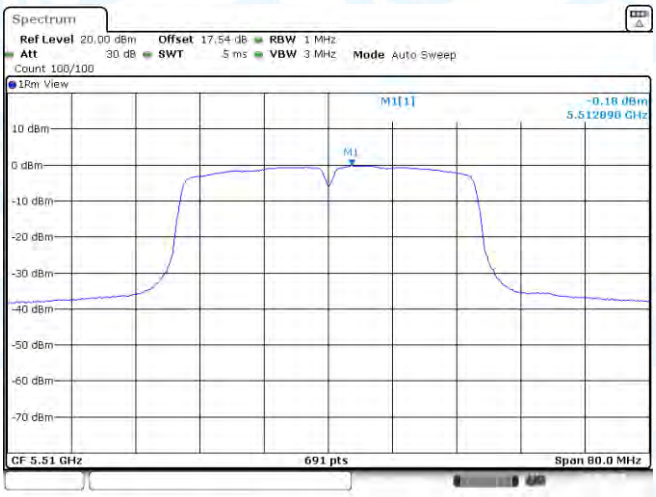


11N40MIMO-Ant2-5270-PASS

11N40MIMO-Ant1-5310-PASS

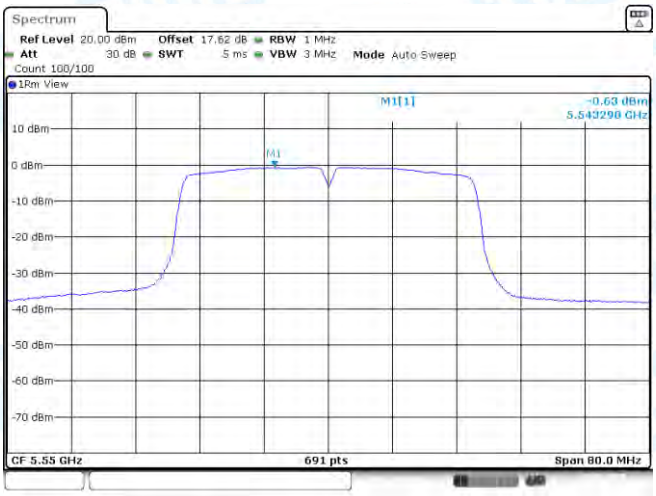


11N40MIMO-Ant2-5310-PASS



11N40MIMO-Ant1-5510-PASS

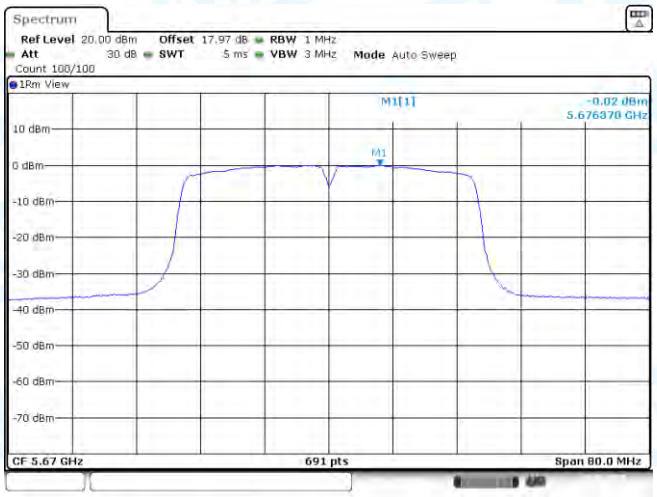
11N40MIMO-Ant2-5510-PASS



11N40MIMO-Ant1-5550-PASS

11N40MIMO-Ant2-5550-PASS

11N40MIMO-Ant1-5670-PASS



11N40MIMO-Ant2-5670-PASS

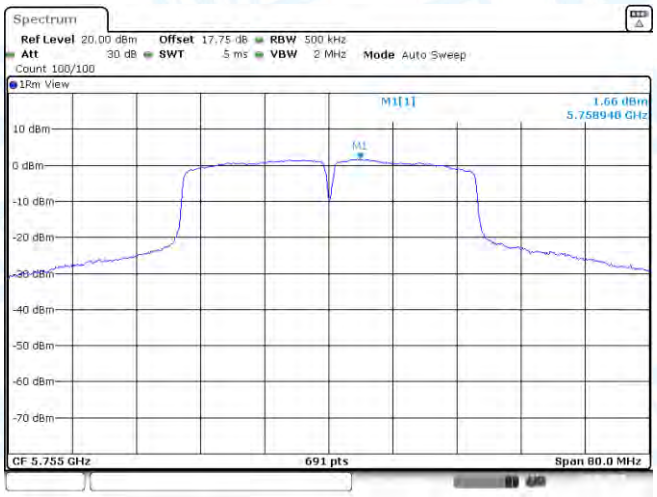
11N40MIMO-Ant1-5710_UNII-2C-PASS

11N40MIMO-Ant2-5710_UNII-2C-PASS

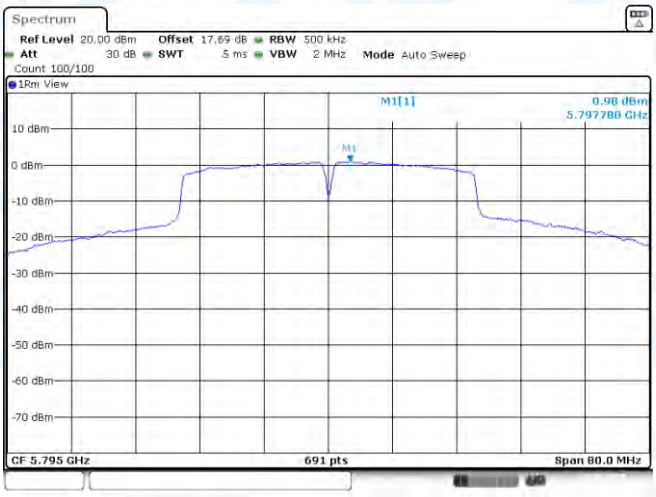
11N40MIMO-Ant1-5710_UNII-3-PASS

11N40MIMO-Ant2-5710_UNII-3-PASS

11N40MIMO-Ant1-5755-PASS



11N40MIMO-Ant2-5755-PASS



11N40MIMO-Ant1-5795-PASS

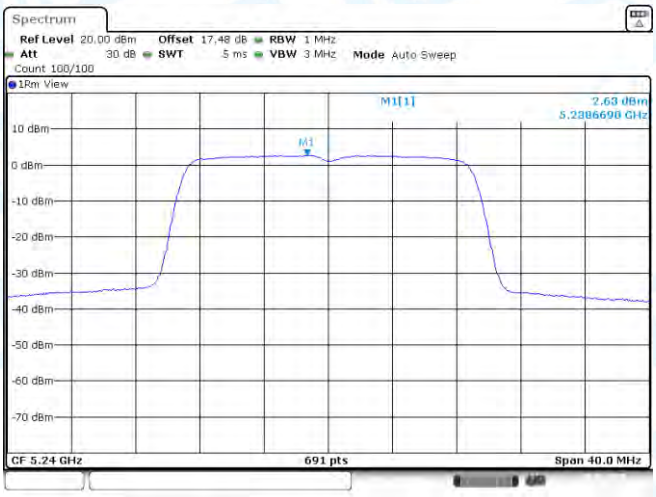
11N40MIMO-Ant2-5795-PASS

11AC20MIMO-Ant1-5180-PASS

11AC20MIMO-Ant2-5180-PASS

11AC20MIMO-Ant1-5200-PASS

11AC20MIMO-Ant2-5200-PASS

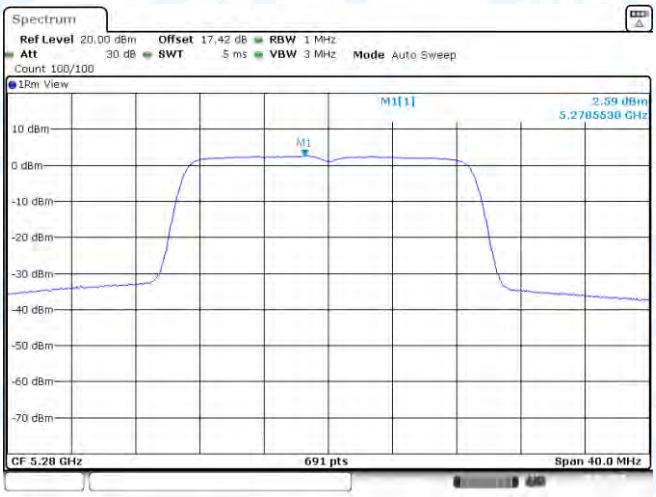


11AC20MIMO-Ant1-5240-PASS

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

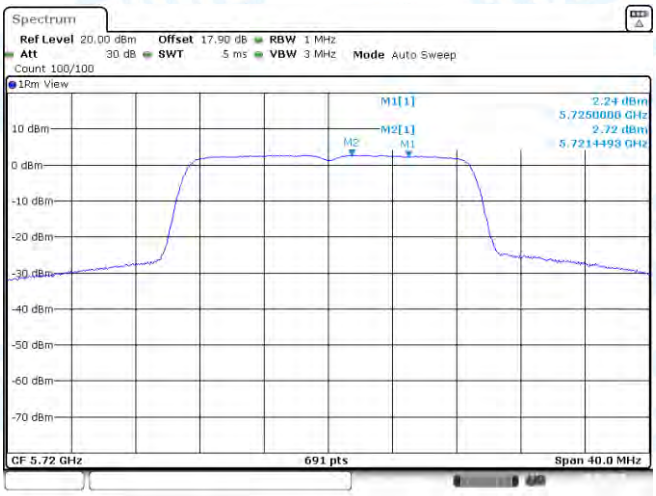
11AC20MIMO-Ant2-5500-PASS

11AC20MIMO-Ant1-5580-PASS

11AC20MIMO-Ant2-5580-PASS

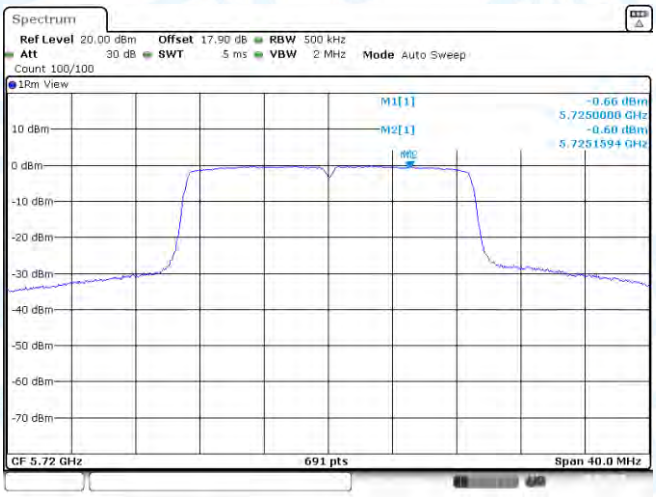
11AC20MIMO-Ant1-5700-PASS

11AC20MIMO-Ant2-5700-PASS

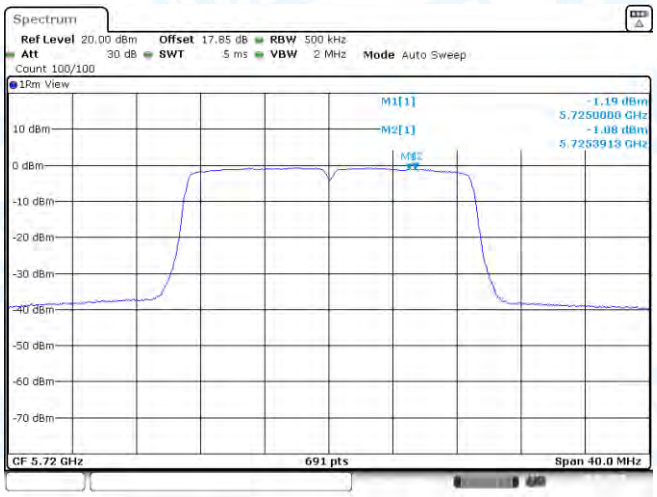


11AC20MIMO-Ant1-5720_UNII-2C-PASS

11AC20MIMO-Ant2-5720_UNII-2C-PASS



11AC20MIMO-Ant1-5720_UNII-3-PASS



11AC20MIMO-Ant2-5720_UNII-3-PASS

11AC20MIMO-Ant1-5745-PASS

11AC20MIMO-Ant2-5745-PASS

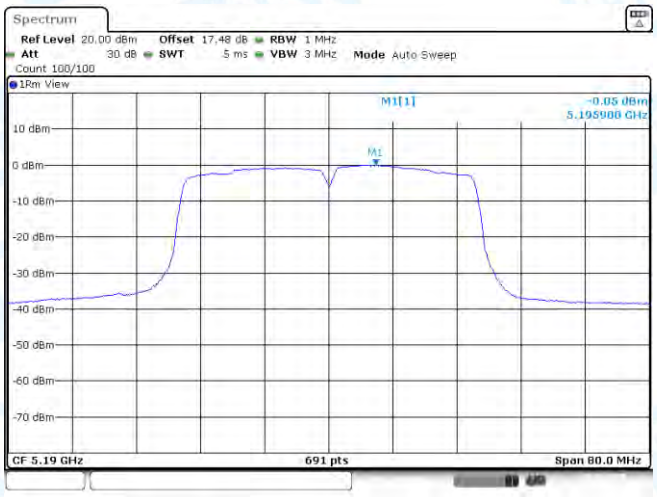
11AC20MIMO-Ant1-5785-PASS

11AC20MIMO-Ant2-5785-PASS

11AC20MIMO-Ant1-5825-PASS

11AC20MIMO-Ant2-5825-PASS

11AC40MIMO-Ant1-5190-PASS



11AC40MIMO-Ant2-5190-PASS

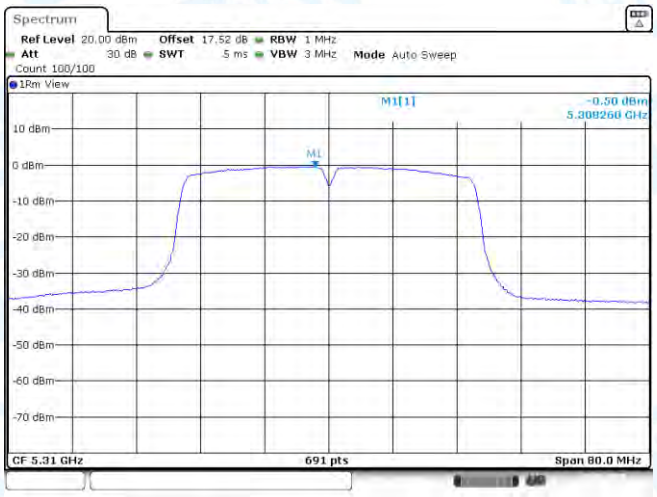
11AC40MIMO-Ant1-5230-PASS

11AC40MIMO-Ant2-5230-PASS

11AC40MIMO-Ant1-5270-PASS

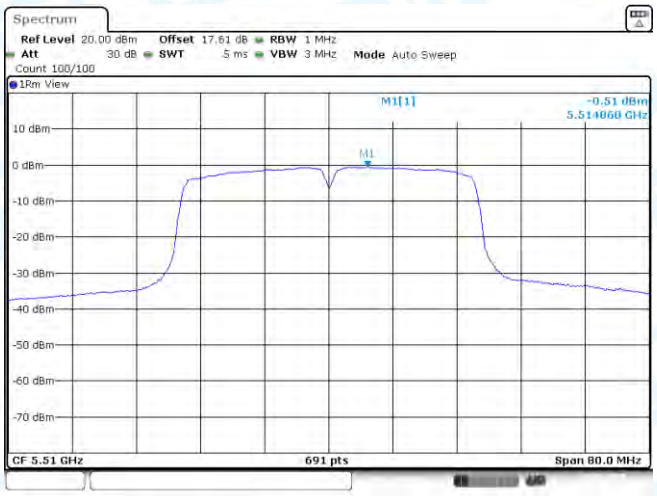
11AC40MIMO-Ant2-5270-PASS

11AC40MIMO-Ant1-5310-PASS



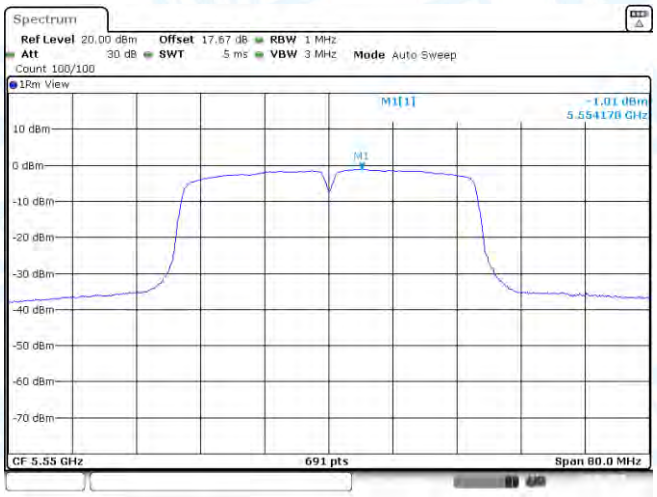
11AC40MIMO-Ant2-5310-PASS

11AC40MIMO-Ant1-5510-PASS



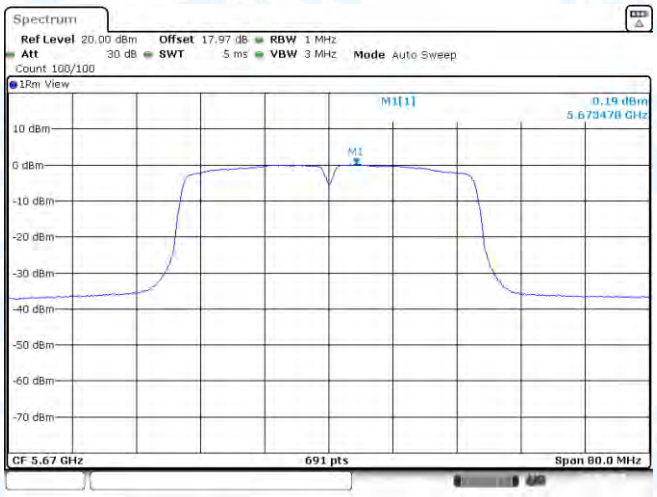
11AC40MIMO-Ant2-5510-PASS

11AC40MIMO-Ant1-5550-PASS



11AC40MIMO-Ant2-5550-PASS

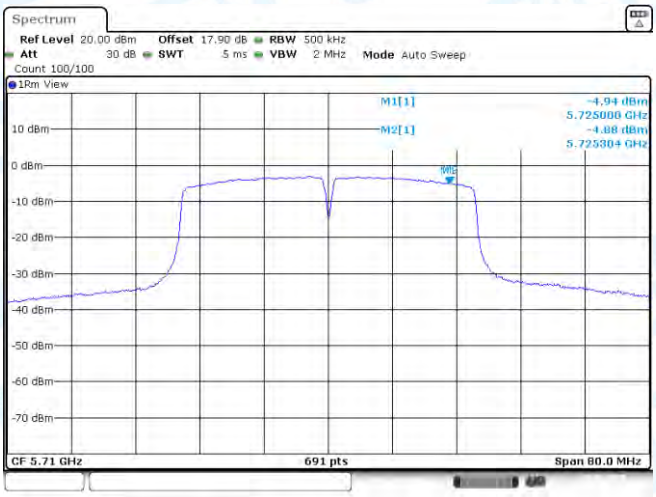
11AC40MIMO-Ant1-5670-PASS



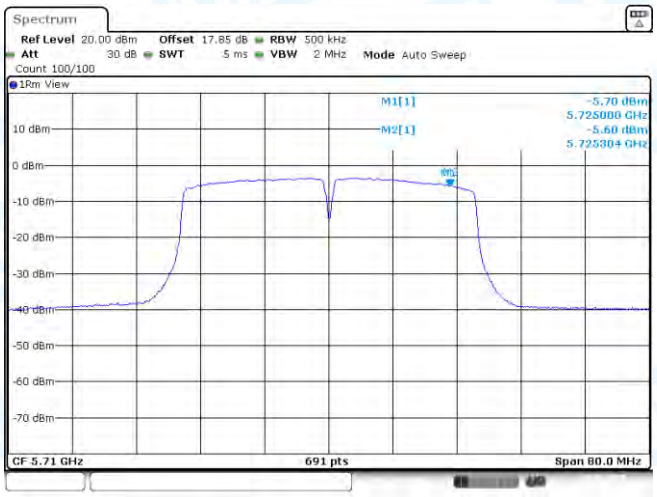
11AC40MIMO-Ant2-5670-PASS

11AC40MIMO-Ant1-5710_UNII-2C-PASS

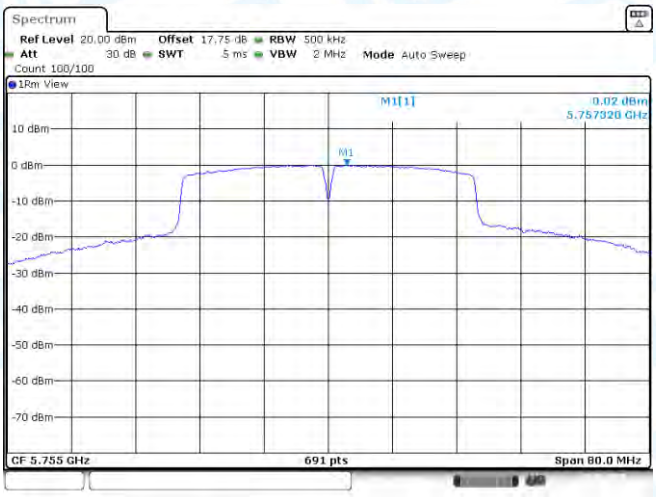
11AC40MIMO-Ant2-5710_UNII-2C-PASS



11AC40MIMO-Ant1-5710_UNII-3-PASS

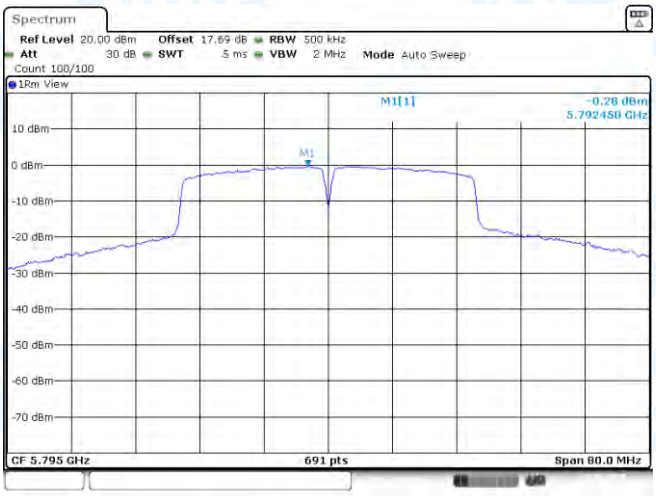


11AC40MIMO-Ant2-5710_UNII-3-PASS

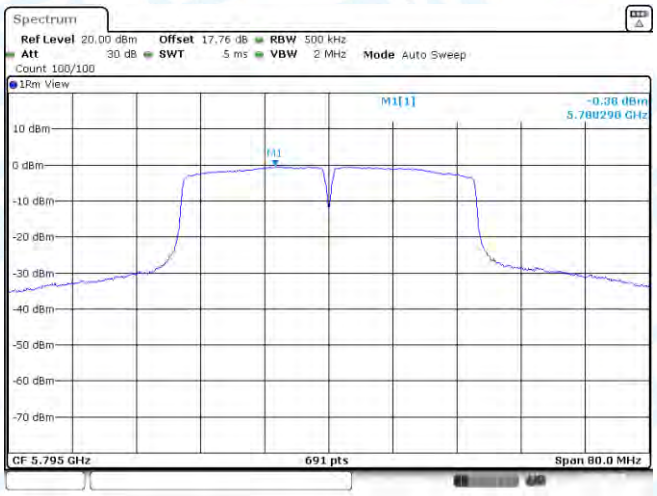


11AC40MIMO-Ant1-5755-PASS

11AC40MIMO-Ant2-5755-PASS



11AC40MIMO-Ant1-5795-PASS

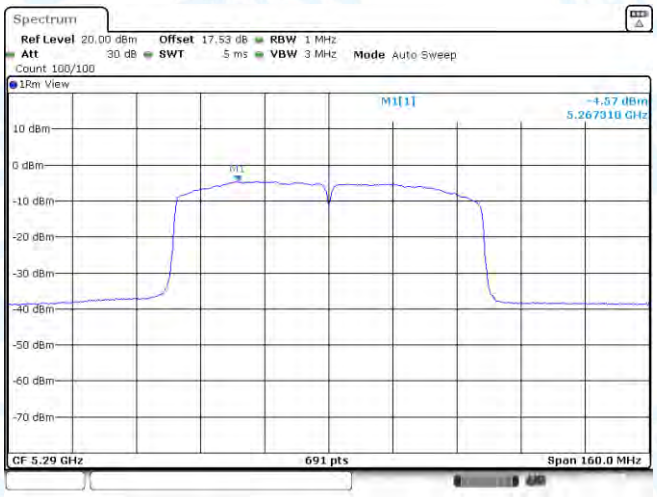


11AC40MIMO-Ant2-5795-PASS

11AC80MIMO-Ant1-5210-PASS

11AC80MIMO-Ant2-5210-PASS

11AC80MIMO-Ant1-5290-PASS



11AC80MIMO-Ant2-5290-PASS

11AC80MIMO-Ant1-5530-PASS

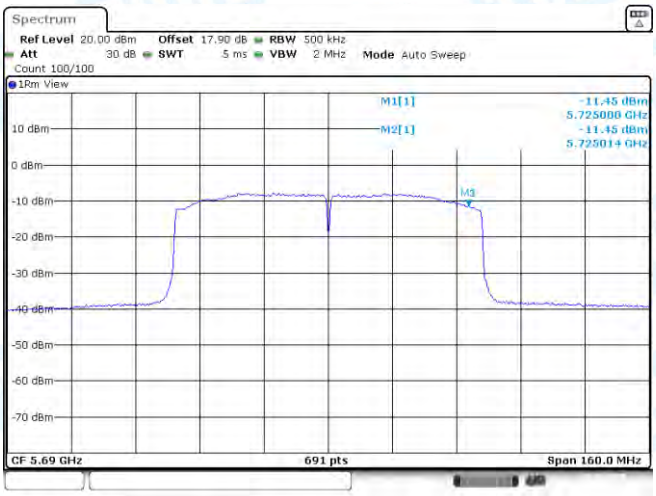
11AC80MIMO-Ant2-5530-PASS

11AC80MIMO-Ant1-5610-PASS

11AC80MIMO-Ant2-5610-PASS

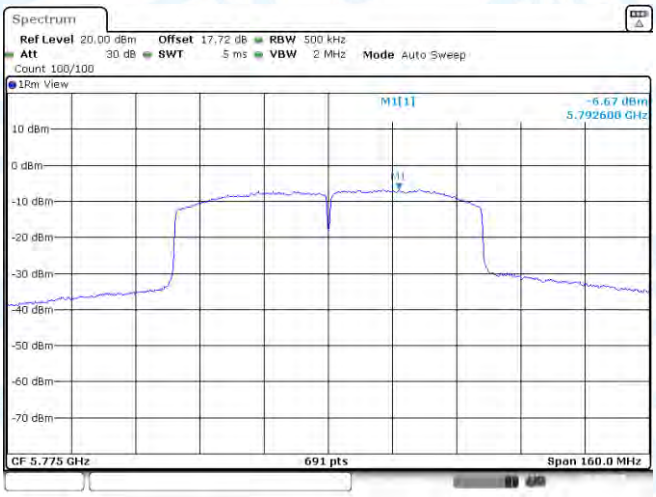
11AC80MIMO-Ant1-5690_UNII-2C-PASS

11AC80MIMO-Ant2-5690_UNII-2C-PASS



11AC80MIMO-Ant1-5690_UNII-3-PASS

11AC80MIMO-Ant2-5690_UNII-3-PASS



11AC80MIMO-Ant1-5775-PASS

11AC80MIMO-Ant2-5775-PASS

7: Conducted Spurious Emission

7.1 Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	888.99	-44.63	≤-27	PASS
11A	Ant1	5180	1000~40000	6964.4	-38.11	≤-27	PASS
11A	Ant2	5180	30~1000	663.21	-45.37	≤-27	PASS
11A	Ant2	5180	1000~40000	6942.3	-38.02	≤-27	PASS
11A	Ant1	5200	30~1000	860.47	-45.2	≤-27	PASS
11A	Ant1	5200	1000~40000	6959.2	-38.19	≤-27	PASS
11A	Ant2	5200	30~1000	865.39	-44.96	≤-27	PASS
11A	Ant2	5200	1000~40000	39286.3	-38.24	≤-27	PASS
11A	Ant1	5240	30~1000	959.31	-44.32	≤-27	PASS
11A	Ant1	5240	1000~40000	6941	-38.04	≤-27	PASS
11A	Ant2	5240	30~1000	713.13	-44.04	≤-27	PASS
11A	Ant2	5240	1000~40000	39897.3	-38.2	≤-27	PASS
11A	Ant1	5260	30~1000	959.54	-44.03	≤-27	PASS
11A	Ant1	5260	1000~40000	6800.6	-37.76	≤-27	PASS
11A	Ant2	5260	30~1000	889.6	-45.82	≤-27	PASS
11A	Ant2	5260	1000~40000	6765.5	-37.41	≤-27	PASS
11A	Ant1	5280	30~1000	860.7	-45.33	≤-27	PASS
11A	Ant1	5280	1000~40000	6959.2	-37.78	≤-27	PASS
11A	Ant2	5280	30~1000	893.64	-45.76	≤-27	PASS
11A	Ant2	5280	1000~40000	6886.4	-37.92	≤-27	PASS
11A	Ant1	5320	30~1000	865.81	-46.26	≤-27	PASS
11A	Ant1	5320	1000~40000	6987.8	-37.98	≤-27	PASS
11A	Ant2	5320	30~1000	942.95	-45.89	≤-27	PASS
11A	Ant2	5320	1000~40000	6941	-38.17	≤-27	PASS
11A	Ant1	5500	30~1000	889.57	-43.27	≤-27	PASS
11A	Ant1	5500	1000~40000	6922.8	-38.05	≤-27	PASS
11A	Ant2	5500	30~1000	888.08	-44.45	≤-27	PASS
11A	Ant2	5500	1000~40000	6805.8	-37.6	≤-27	PASS
11A	Ant1	5580	30~1000	863.45	-44.91	≤-27	PASS
11A	Ant1	5580	1000~40000	6881.2	-38.25	≤-27	PASS
11A	Ant2	5580	30~1000	890.05	-44.72	≤-27	PASS
11A	Ant2	5580	1000~40000	6922.8	-37.7	≤-27	PASS
11A	Ant1	5700	30~1000	959.99	-44.7	≤-27	PASS
11A	Ant1	5700	1000~40000	6937.1	-36.91	≤-27	PASS
11A	Ant2	5700	30~1000	860.11	-44.97	≤-27	PASS
11A	Ant2	5700	1000~40000	6903.3	-37.37	≤-27	PASS
11A	Ant1	5720	30~1000	966.81	-45.18	≤-27	PASS
11A	Ant1	5720	1000~40000	6976.1	-37.55	≤-27	PASS
11A	Ant2	5720	30~1000	862.8	-44.56	≤-27	PASS
11A	Ant2	5720	1000~40000	6996.9	-38.15	≤-27	PASS

11A	Ant1	5745	30~1000	889.12	-45.11	≤-27	PASS
11A	Ant1	5745	1000~40000	5830.8	-35.28	≤-27	PASS
11A	Ant2	5745	30~1000	862.18	-44.9	≤-27	PASS
11A	Ant2	5745	1000~40000	6911.1	-37.67	≤-27	PASS
11A	Ant1	5785	30~1000	866.45	-44.28	≤-27	PASS
11A	Ant1	5785	1000~40000	5867.2	-33.33	≤-27	PASS
11A	Ant2	5785	30~1000	707.64	-44.86	≤-27	PASS
11A	Ant2	5785	1000~40000	6982.6	-37.74	≤-27	PASS
11A	Ant1	5825	30~1000	896.26	-44.06	≤-27	PASS
11A	Ant1	5825	1000~40000	6972.2	-37.64	≤-27	PASS
11A	Ant2	5825	30~1000	888.86	-44.39	≤-27	PASS
11A	Ant2	5825	1000~40000	6941	-37.25	≤-27	PASS
11N20MIMO	Ant1	5180	30~1000	871.33	-45.84	≤-27	PASS
11N20MIMO	Ant1	5180	1000~40000	39989.6	-38.12	≤-27	PASS
11N20MIMO	Ant2	5180	30~1000	959.83	-46.06	≤-27	PASS
11N20MIMO	Ant2	5180	1000~40000	6938.4	-37.67	≤-27	PASS
11N20MIMO	Ant1	5200	30~1000	959.63	-46.2	≤-27	PASS
11N20MIMO	Ant1	5200	1000~40000	6996.9	-38.19	≤-27	PASS
11N20MIMO	Ant2	5200	30~1000	960.51	-45.22	≤-27	PASS
11N20MIMO	Ant2	5200	1000~40000	6924.1	-36.67	≤-27	PASS
11N20MIMO	Ant1	5240	30~1000	861.93	-44.71	≤-27	PASS
11N20MIMO	Ant1	5240	1000~40000	6917.6	-38.47	≤-27	PASS
11N20MIMO	Ant2	5240	30~1000	705.89	-45.76	≤-27	PASS
11N20MIMO	Ant2	5240	1000~40000	6912.4	-37.68	≤-27	PASS
11N20MIMO	Ant1	5260	30~1000	960.02	-45.24	≤-27	PASS
11N20MIMO	Ant1	5260	1000~40000	39972.7	-37.59	≤-27	PASS
11N20MIMO	Ant2	5260	30~1000	961.35	-46.06	≤-27	PASS
11N20MIMO	Ant2	5260	1000~40000	6882.5	-38.68	≤-27	PASS
11N20MIMO	Ant1	5280	30~1000	889.86	-43.97	≤-27	PASS
11N20MIMO	Ant1	5280	1000~40000	6995.6	-37.79	≤-27	PASS
11N20MIMO	Ant2	5280	30~1000	863.12	-43.91	≤-27	PASS
11N20MIMO	Ant2	5280	1000~40000	6946.2	-37.69	≤-27	PASS
11N20MIMO	Ant1	5320	30~1000	968.78	-45.78	≤-27	PASS
11N20MIMO	Ant1	5320	1000~40000	6859.1	-38.08	≤-27	PASS
11N20MIMO	Ant2	5320	30~1000	890.64	-45.06	≤-27	PASS
11N20MIMO	Ant2	5320	1000~40000	6809.7	-37.94	≤-27	PASS
11N20MIMO	Ant1	5500	30~1000	864.38	-45.73	≤-27	PASS
11N20MIMO	Ant1	5500	1000~40000	6944.9	-38.24	≤-27	PASS
11N20MIMO	Ant2	5500	30~1000	861.05	-43.84	≤-27	PASS
11N20MIMO	Ant2	5500	1000~40000	6839.6	-37.93	≤-27	PASS
11N20MIMO	Ant1	5580	30~1000	860.86	-44.85	≤-27	PASS
11N20MIMO	Ant1	5580	1000~40000	39985.7	-38.29	≤-27	PASS
11N20MIMO	Ant2	5580	30~1000	891.48	-44.48	≤-27	PASS
11N20MIMO	Ant2	5580	1000~40000	39391.6	-37.85	≤-27	PASS
11N20MIMO	Ant1	5700	30~1000	864.93	-42.75	≤-27	PASS

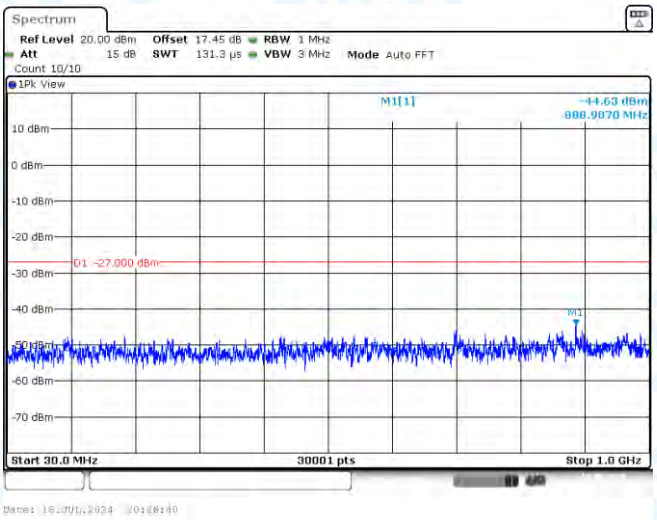
11N20MIMO	Ant1	5700	1000~40000	6964.4	-37.92	≤-27	PASS
11N20MIMO	Ant2	5700	30~1000	889.02	-44.65	≤-27	PASS
11N20MIMO	Ant2	5700	1000~40000	6998.2	-37.61	≤-27	PASS
11N20MIMO	Ant1	5720	30~1000	705.63	-43.86	≤-27	PASS
11N20MIMO	Ant1	5720	1000~40000	6777.2	-37.7	≤-27	PASS
11N20MIMO	Ant2	5720	30~1000	862.73	-45.04	≤-27	PASS
11N20MIMO	Ant2	5720	1000~40000	6955.3	-37.5	≤-27	PASS
11N20MIMO	Ant1	5745	30~1000	705.79	-45.12	≤-27	PASS
11N20MIMO	Ant1	5745	1000~40000	5825.6	-36.4	≤-27	PASS
11N20MIMO	Ant2	5745	30~1000	709.06	-45.17	≤-27	PASS
11N20MIMO	Ant2	5745	1000~40000	6986.5	-38.24	≤-27	PASS
11N20MIMO	Ant1	5785	30~1000	960.02	-44.02	≤-27	PASS
11N20MIMO	Ant1	5785	1000~40000	5867.2	-35.68	≤-27	PASS
11N20MIMO	Ant2	5785	30~1000	895.32	-44.37	≤-27	PASS
11N20MIMO	Ant2	5785	1000~40000	6985.2	-38.2	≤-27	PASS
11N20MIMO	Ant1	5825	30~1000	868.59	-45.12	≤-27	PASS
11N20MIMO	Ant1	5825	1000~40000	5915.3	-36.74	≤-27	PASS
11N20MIMO	Ant2	5825	30~1000	888.73	-45.56	≤-27	PASS
11N20MIMO	Ant2	5825	1000~40000	6934.5	-38.4	≤-27	PASS
11N40MIMO	Ant1	5190	30~1000	888.79	-46.08	≤-27	PASS
11N40MIMO	Ant1	5190	1000~40000	6792.8	-37.62	≤-27	PASS
11N40MIMO	Ant2	5190	30~1000	945.28	-45.76	≤-27	PASS
11N40MIMO	Ant2	5190	1000~40000	39658.1	-38.62	≤-27	PASS
11N40MIMO	Ant1	5230	30~1000	971.34	-45.17	≤-27	PASS
11N40MIMO	Ant1	5230	1000~40000	6825.3	-37.52	≤-27	PASS
11N40MIMO	Ant2	5230	30~1000	964.26	-45.03	≤-27	PASS
11N40MIMO	Ant2	5230	1000~40000	6929.3	-38.2	≤-27	PASS
11N40MIMO	Ant1	5270	30~1000	891.06	-45.57	≤-27	PASS
11N40MIMO	Ant1	5270	1000~40000	6986.5	-37.59	≤-27	PASS
11N40MIMO	Ant2	5270	30~1000	512.12	-45.45	≤-27	PASS
11N40MIMO	Ant2	5270	1000~40000	6952.7	-37.79	≤-27	PASS
11N40MIMO	Ant1	5310	30~1000	888.05	-45.13	≤-27	PASS
11N40MIMO	Ant1	5310	1000~40000	6963.1	-37.68	≤-27	PASS
11N40MIMO	Ant2	5310	30~1000	960.25	-45.27	≤-27	PASS
11N40MIMO	Ant2	5310	1000~40000	5903.6	-38.33	≤-27	PASS
11N40MIMO	Ant1	5510	30~1000	958.53	-44.97	≤-27	PASS
11N40MIMO	Ant1	5510	1000~40000	6894.2	-38.27	≤-27	PASS
11N40MIMO	Ant2	5510	30~1000	708.02	-44.61	≤-27	PASS
11N40MIMO	Ant2	5510	1000~40000	6993	-37.52	≤-27	PASS
11N40MIMO	Ant1	5550	30~1000	961.25	-45.55	≤-27	PASS
11N40MIMO	Ant1	5550	1000~40000	6921.5	-37.47	≤-27	PASS
11N40MIMO	Ant2	5550	30~1000	958.53	-43.92	≤-27	PASS
11N40MIMO	Ant2	5550	1000~40000	6925.4	-37.93	≤-27	PASS
11N40MIMO	Ant1	5670	30~1000	891.44	-44.67	≤-27	PASS
11N40MIMO	Ant1	5670	1000~40000	6978.7	-37.83	≤-27	PASS

11N40MIMO	Ant2	5670	30~1000	861.18	-45.36	≤-27	PASS
11N40MIMO	Ant2	5670	1000~40000	6957.9	-37.96	≤-27	PASS
11N40MIMO	Ant1	5710	30~1000	889.83	-45.11	≤-27	PASS
11N40MIMO	Ant1	5710	1000~40000	6952.7	-38.05	≤-27	PASS
11N40MIMO	Ant2	5710	30~1000	862.31	-45.23	≤-27	PASS
11N40MIMO	Ant2	5710	1000~40000	6912.4	-37.69	≤-27	PASS
11N40MIMO	Ant1	5755	30~1000	959.89	-44.99	≤-27	PASS
11N40MIMO	Ant1	5755	1000~40000	5906.2	-35.62	≤-27	PASS
11N40MIMO	Ant2	5755	30~1000	964.58	-44.21	≤-27	PASS
11N40MIMO	Ant2	5755	1000~40000	6900.7	-38.23	≤-27	PASS
11N40MIMO	Ant1	5795	30~1000	959.73	-45.5	≤-27	PASS
11N40MIMO	Ant1	5795	1000~40000	5938.7	-34.68	≤-27	PASS
11N40MIMO	Ant2	5795	30~1000	860.86	-44.91	≤-27	PASS
11N40MIMO	Ant2	5795	1000~40000	6964.4	-38.25	≤-27	PASS
11AC20MIMO	Ant1	5180	30~1000	958.63	-44.09	≤-27	PASS
11AC20MIMO	Ant1	5180	1000~40000	6998.2	-37.48	≤-27	PASS
11AC20MIMO	Ant2	5180	30~1000	863.06	-45.72	≤-27	PASS
11AC20MIMO	Ant2	5180	1000~40000	6922.8	-38.17	≤-27	PASS
11AC20MIMO	Ant1	5200	30~1000	889.31	-45.27	≤-27	PASS
11AC20MIMO	Ant1	5200	1000~40000	6993	-37.93	≤-27	PASS
11AC20MIMO	Ant2	5200	30~1000	958.73	-45.21	≤-27	PASS
11AC20MIMO	Ant2	5200	1000~40000	6944.9	-37.34	≤-27	PASS
11AC20MIMO	Ant1	5240	30~1000	708.38	-45.47	≤-27	PASS
11AC20MIMO	Ant1	5240	1000~40000	6950.1	-37.98	≤-27	PASS
11AC20MIMO	Ant2	5240	30~1000	967.62	-45.25	≤-27	PASS
11AC20MIMO	Ant2	5240	1000~40000	6820.1	-37.29	≤-27	PASS
11AC20MIMO	Ant1	5260	30~1000	642.71	-46.2	≤-27	PASS
11AC20MIMO	Ant1	5260	1000~40000	6937.1	-38.38	≤-27	PASS
11AC20MIMO	Ant2	5260	30~1000	889.02	-44.57	≤-27	PASS
11AC20MIMO	Ant2	5260	1000~40000	6833.1	-38.05	≤-27	PASS
11AC20MIMO	Ant1	5280	30~1000	890.35	-45.47	≤-27	PASS
11AC20MIMO	Ant1	5280	1000~40000	6963.1	-37.85	≤-27	PASS
11AC20MIMO	Ant2	5280	30~1000	959.41	-45.28	≤-27	PASS
11AC20MIMO	Ant2	5280	1000~40000	6882.5	-38.5	≤-27	PASS
11AC20MIMO	Ant1	5320	30~1000	965.62	-46.17	≤-27	PASS
11AC20MIMO	Ant1	5320	1000~40000	6981.3	-38.19	≤-27	PASS
11AC20MIMO	Ant2	5320	30~1000	863.93	-45.49	≤-27	PASS
11AC20MIMO	Ant2	5320	1000~40000	6869.5	-37.8	≤-27	PASS
11AC20MIMO	Ant1	5500	30~1000	895.62	-45.4	≤-27	PASS
11AC20MIMO	Ant1	5500	1000~40000	6981.3	-37.69	≤-27	PASS
11AC20MIMO	Ant2	5500	30~1000	790.6	-45.16	≤-27	PASS
11AC20MIMO	Ant2	5500	1000~40000	6935.8	-38.15	≤-27	PASS
11AC20MIMO	Ant1	5580	30~1000	864.06	-44.17	≤-27	PASS
11AC20MIMO	Ant1	5580	1000~40000	6977.4	-38.03	≤-27	PASS
11AC20MIMO	Ant2	5580	30~1000	509.7	-44.75	≤-27	PASS

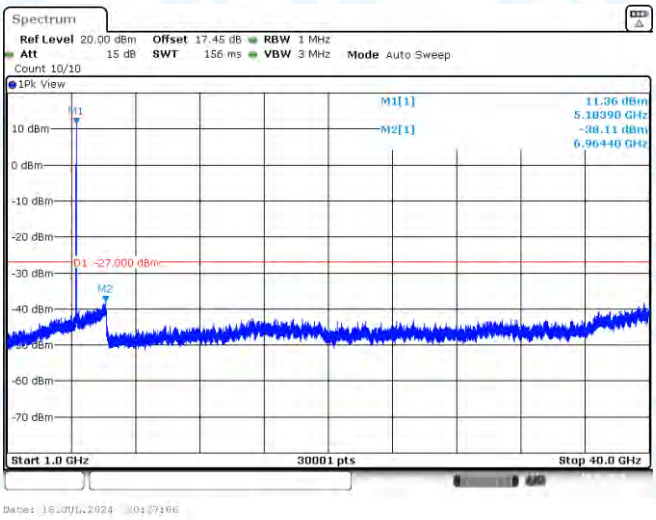
11AC20MIMO	Ant2	5580	1000~40000	6489.9	-38.27	≤-27	PASS
11AC20MIMO	Ant1	5700	30~1000	862.99	-44.95	≤-27	PASS
11AC20MIMO	Ant1	5700	1000~40000	39968.8	-37.38	≤-27	PASS
11AC20MIMO	Ant2	5700	30~1000	512.38	-44.68	≤-27	PASS
11AC20MIMO	Ant2	5700	1000~40000	6981.3	-37.76	≤-27	PASS
11AC20MIMO	Ant1	5720	30~1000	860.83	-44.86	≤-27	PASS
11AC20MIMO	Ant1	5720	1000~40000	6938.4	-37.63	≤-27	PASS
11AC20MIMO	Ant2	5720	30~1000	961.96	-44.07	≤-27	PASS
11AC20MIMO	Ant2	5720	1000~40000	39500.8	-37.9	≤-27	PASS
11AC20MIMO	Ant1	5745	30~1000	889.51	-44.54	≤-27	PASS
11AC20MIMO	Ant1	5745	1000~40000	6857.8	-37.59	≤-27	PASS
11AC20MIMO	Ant2	5745	30~1000	963.55	-44.97	≤-27	PASS
11AC20MIMO	Ant2	5745	1000~40000	6899.4	-37.91	≤-27	PASS
11AC20MIMO	Ant1	5785	30~1000	889.38	-44.4	≤-27	PASS
11AC20MIMO	Ant1	5785	1000~40000	5867.2	-37.74	≤-27	PASS
11AC20MIMO	Ant2	5785	30~1000	862.44	-45.64	≤-27	PASS
11AC20MIMO	Ant2	5785	1000~40000	6777.2	-38.4	≤-27	PASS
11AC20MIMO	Ant1	5825	30~1000	705.6	-45.23	≤-27	PASS
11AC20MIMO	Ant1	5825	1000~40000	5907.5	-37.95	≤-27	PASS
11AC20MIMO	Ant2	5825	30~1000	862.93	-45.34	≤-27	PASS
11AC20MIMO	Ant2	5825	1000~40000	6882.5	-37.9	≤-27	PASS
11AC40MIMO	Ant1	5190	30~1000	708.64	-45.49	≤-27	PASS
11AC40MIMO	Ant1	5190	1000~40000	6991.7	-38.5	≤-27	PASS
11AC40MIMO	Ant2	5190	30~1000	861.41	-45.21	≤-27	PASS
11AC40MIMO	Ant2	5190	1000~40000	6799.3	-37.13	≤-27	PASS
11AC40MIMO	Ant1	5230	30~1000	706.28	-46.06	≤-27	PASS
11AC40MIMO	Ant1	5230	1000~40000	6896.8	-38.06	≤-27	PASS
11AC40MIMO	Ant2	5230	30~1000	861.96	-45.69	≤-27	PASS
11AC40MIMO	Ant2	5230	1000~40000	6898.1	-37.71	≤-27	PASS
11AC40MIMO	Ant1	5270	30~1000	860.89	-44.69	≤-27	PASS
11AC40MIMO	Ant1	5270	1000~40000	6965.7	-37.46	≤-27	PASS
11AC40MIMO	Ant2	5270	30~1000	861.7	-44.79	≤-27	PASS
11AC40MIMO	Ant2	5270	1000~40000	6852.6	-37.72	≤-27	PASS
11AC40MIMO	Ant1	5310	30~1000	859.92	-45.72	≤-27	PASS
11AC40MIMO	Ant1	5310	1000~40000	6911.1	-38.67	≤-27	PASS
11AC40MIMO	Ant2	5310	30~1000	964.61	-45.49	≤-27	PASS
11AC40MIMO	Ant2	5310	1000~40000	6977.4	-37.46	≤-27	PASS
11AC40MIMO	Ant1	5510	30~1000	889.6	-45.89	≤-27	PASS
11AC40MIMO	Ant1	5510	1000~40000	6916.3	-37.94	≤-27	PASS
11AC40MIMO	Ant2	5510	30~1000	860.02	-45.31	≤-27	PASS
11AC40MIMO	Ant2	5510	1000~40000	6983.9	-37.86	≤-27	PASS
11AC40MIMO	Ant1	5550	30~1000	959.12	-44.08	≤-27	PASS
11AC40MIMO	Ant1	5550	1000~40000	6965.7	-37.71	≤-27	PASS
11AC40MIMO	Ant2	5550	30~1000	897.94	-44.4	≤-27	PASS
11AC40MIMO	Ant2	5550	1000~40000	6924.1	-38.11	≤-27	PASS

11AC40MIMO	Ant1	5670	30~1000	967.91	-44.88	≤-27	PASS
11AC40MIMO	Ant1	5670	1000~40000	6957.9	-36.46	≤-27	PASS
11AC40MIMO	Ant2	5670	30~1000	961.41	-44.17	≤-27	PASS
11AC40MIMO	Ant2	5670	1000~40000	6989.1	-37.68	≤-27	PASS
11AC40MIMO	Ant1	5710	30~1000	860.54	-44.73	≤-27	PASS
11AC40MIMO	Ant1	5710	1000~40000	6986.5	-37.23	≤-27	PASS
11AC40MIMO	Ant2	5710	30~1000	958.92	-45.24	≤-27	PASS
11AC40MIMO	Ant2	5710	1000~40000	39975.3	-37.74	≤-27	PASS
11AC40MIMO	Ant1	5755	30~1000	707.51	-45.08	≤-27	PASS
11AC40MIMO	Ant1	5755	1000~40000	5903.6	-33.68	≤-27	PASS
11AC40MIMO	Ant2	5755	30~1000	892.48	-44.95	≤-27	PASS
11AC40MIMO	Ant2	5755	1000~40000	6996.9	-38.56	≤-27	PASS
11AC40MIMO	Ant1	5795	30~1000	890.6	-44.9	≤-27	PASS
11AC40MIMO	Ant1	5795	1000~40000	5937.4	-37.09	≤-27	PASS
11AC40MIMO	Ant2	5795	30~1000	892.58	-44.63	≤-27	PASS
11AC40MIMO	Ant2	5795	1000~40000	6983.9	-38.39	≤-27	PASS
11AC80MIMO	Ant1	5210	30~1000	860.83	-45.47	≤-27	PASS
11AC80MIMO	Ant1	5210	1000~40000	39409.8	-38.44	≤-27	PASS
11AC80MIMO	Ant2	5210	30~1000	961.57	-45.32	≤-27	PASS
11AC80MIMO	Ant2	5210	1000~40000	6976.1	-38.03	≤-27	PASS
11AC80MIMO	Ant1	5290	30~1000	899.3	-45.65	≤-27	PASS
11AC80MIMO	Ant1	5290	1000~40000	6990.4	-38.25	≤-27	PASS
11AC80MIMO	Ant2	5290	30~1000	705.5	-46.12	≤-27	PASS
11AC80MIMO	Ant2	5290	1000~40000	6963.1	-38.16	≤-27	PASS
11AC80MIMO	Ant1	5530	30~1000	960.22	-43.83	≤-27	PASS
11AC80MIMO	Ant1	5530	1000~40000	6998.2	-38.25	≤-27	PASS
11AC80MIMO	Ant2	5530	30~1000	859.95	-44.86	≤-27	PASS
11AC80MIMO	Ant2	5530	1000~40000	6857.8	-37.42	≤-27	PASS
11AC80MIMO	Ant1	5610	30~1000	860.76	-44.91	≤-27	PASS
11AC80MIMO	Ant1	5610	1000~40000	6989.1	-37.67	≤-27	PASS
11AC80MIMO	Ant2	5610	30~1000	889.18	-44.95	≤-27	PASS
11AC80MIMO	Ant2	5610	1000~40000	6873.4	-38.12	≤-27	PASS
11AC80MIMO	Ant1	5690	30~1000	894.26	-44.59	≤-27	PASS
11AC80MIMO	Ant1	5690	1000~40000	6903.3	-37.56	≤-27	PASS
11AC80MIMO	Ant2	5690	30~1000	890.12	-44.01	≤-27	PASS
11AC80MIMO	Ant2	5690	1000~40000	6839.6	-37	≤-27	PASS
11AC80MIMO	Ant1	5775	30~1000	892.8	-45.31	≤-27	PASS
11AC80MIMO	Ant1	5775	1000~40000	6956.6	-37.12	≤-27	PASS
11AC80MIMO	Ant2	5775	30~1000	867.49	-45.08	≤-27	PASS
11AC80MIMO	Ant2	5775	1000~40000	6974.8	-37.39	≤-27	PASS

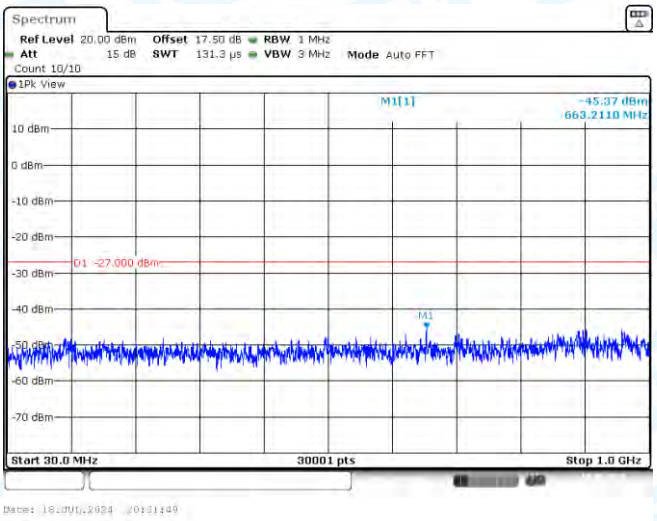
7.2 Test Graphs



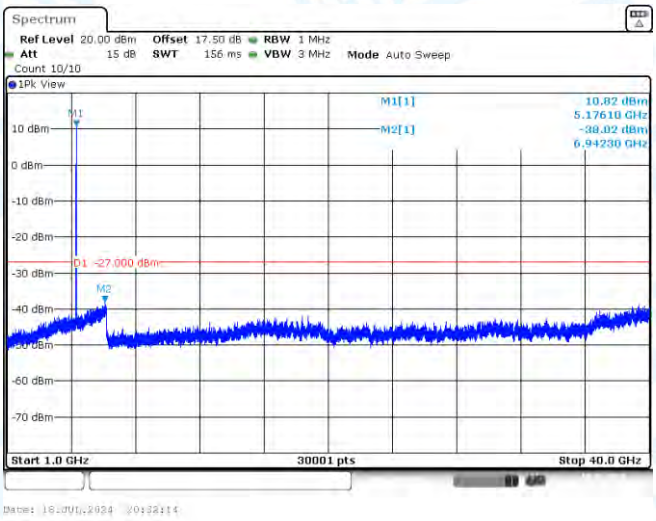
11A-Ant1-5180-30~1000-PASS



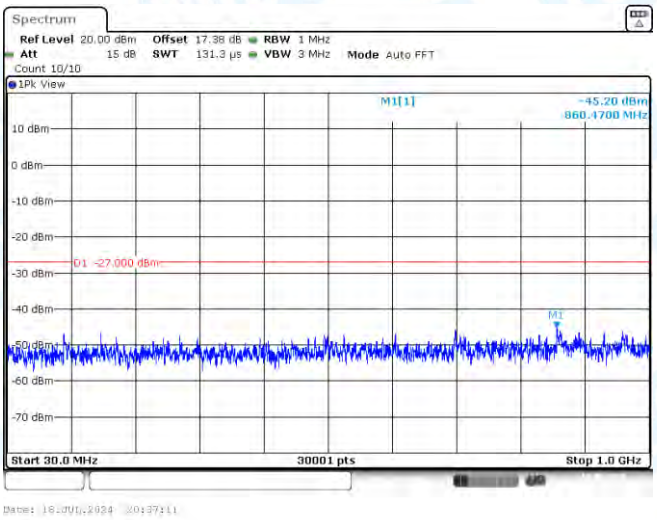
11A-Ant1-5180-1000~40000-PASS



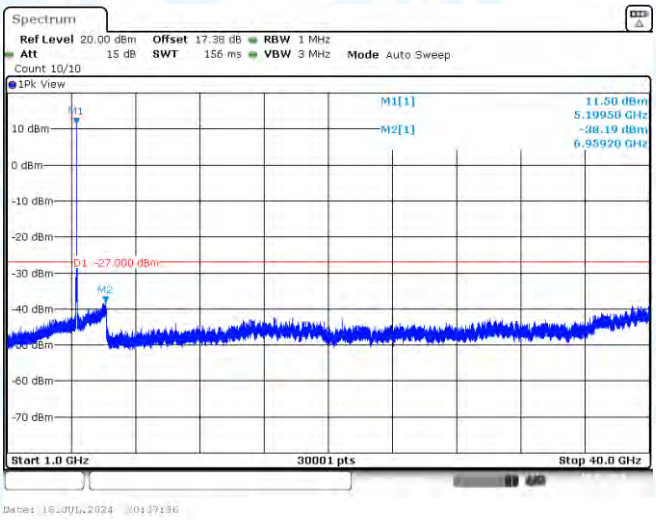
11A-Ant2-5180-30~1000-PASS



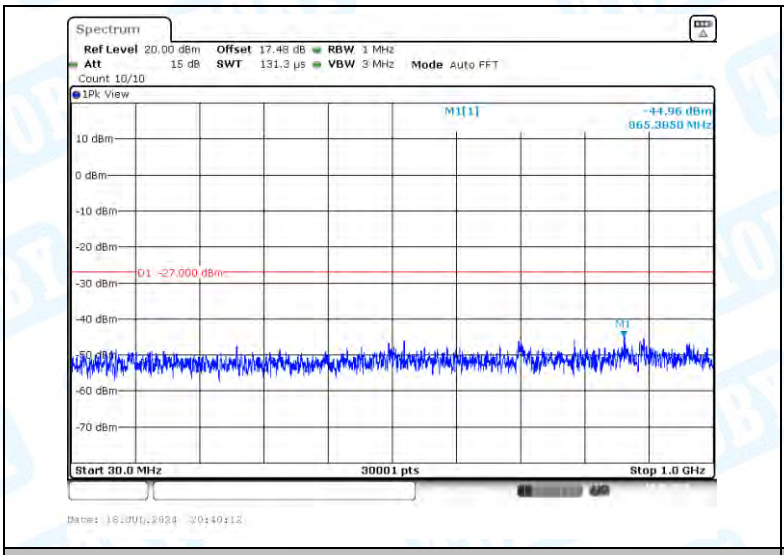
11A-Ant2-5180-1000~40000-PASS



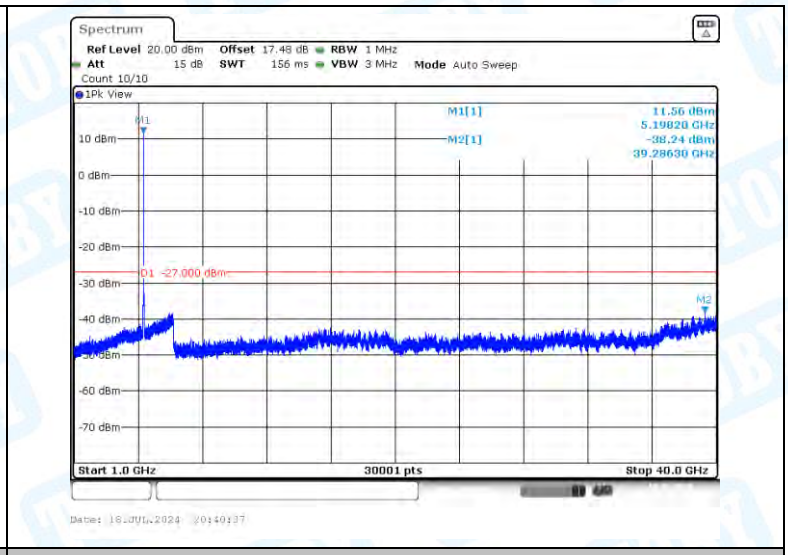
11A-Ant1-5200-30~1000-PASS



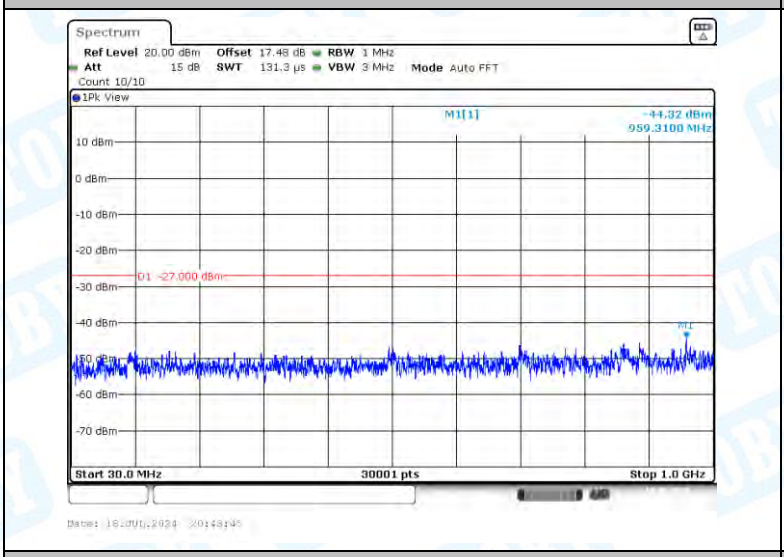
11A-Ant1-5200-1000~40000-PASS



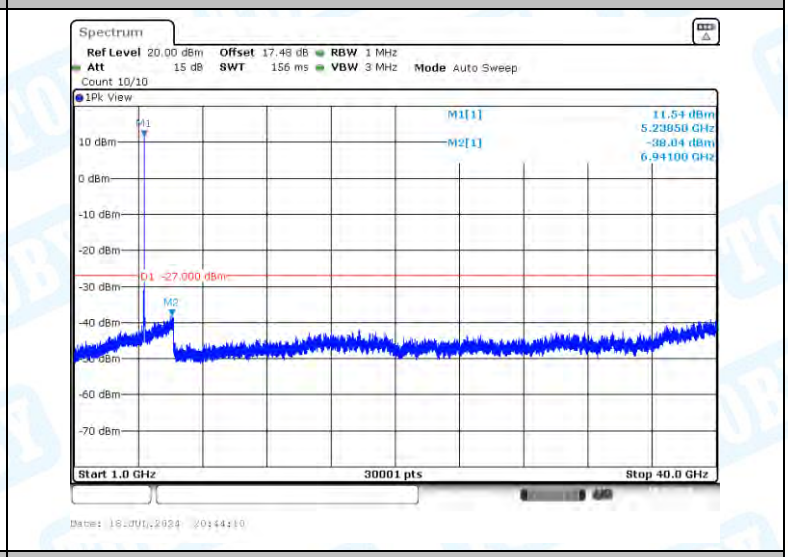
11A-Ant2-5200-30~1000-PASS



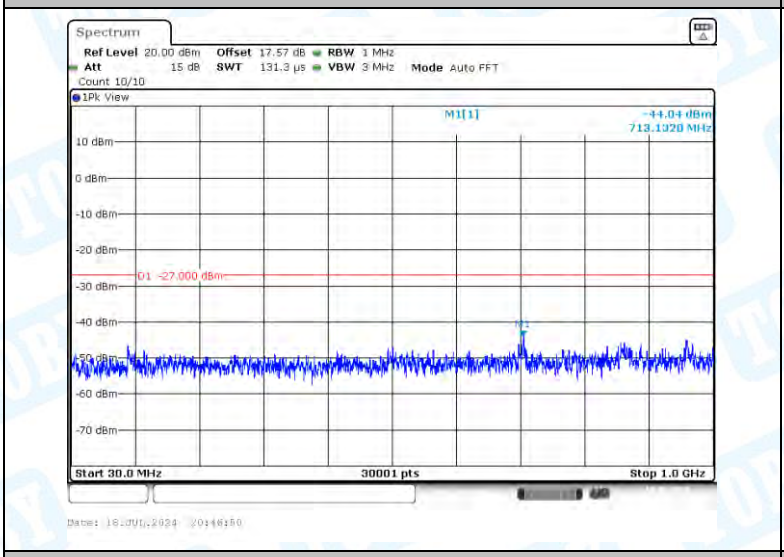
11A-Ant2-5200-1000~40000-PASS



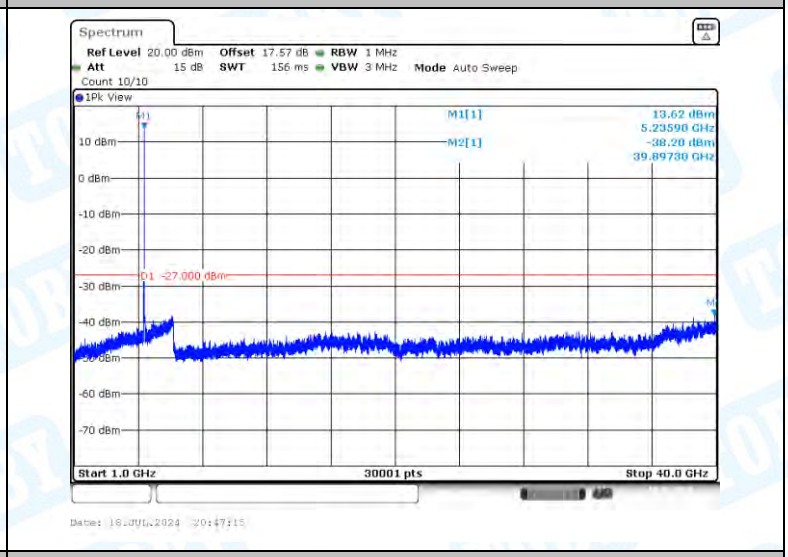
11A-Ant1-5240-30~1000-PASS



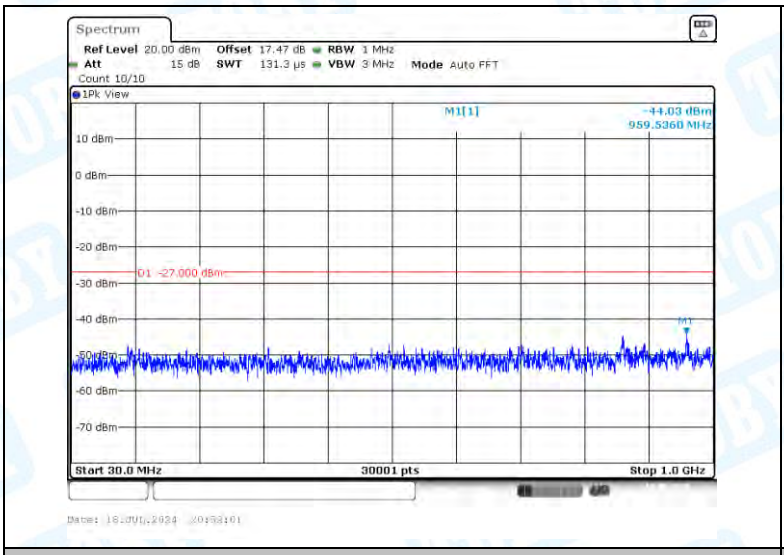
11A-Ant1-5240-1000~40000-PASS



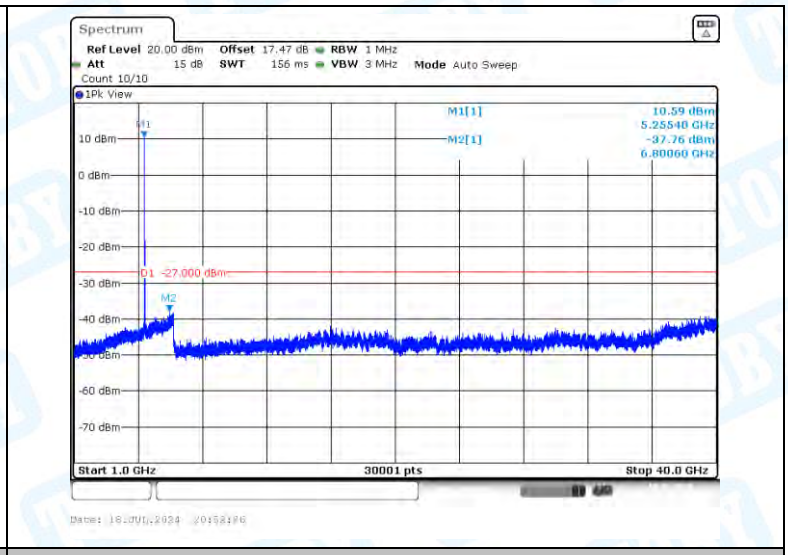
11A-Ant2-5240-30~1000-PASS



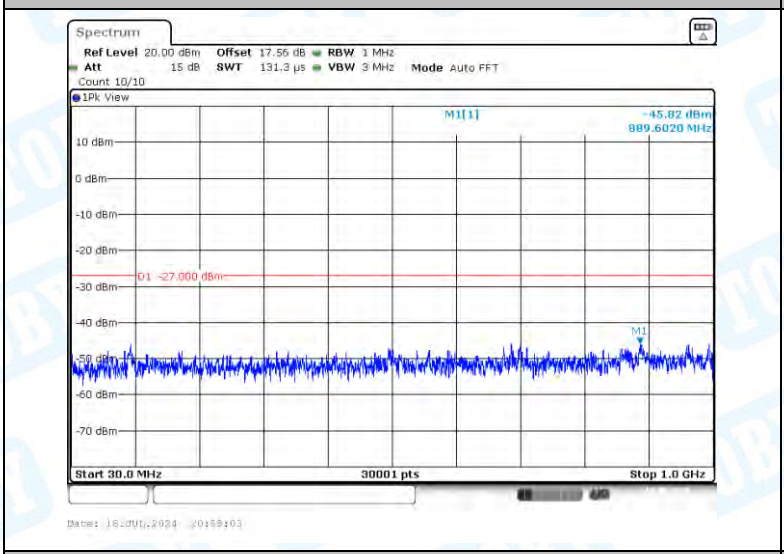
11A-Ant2-5240-1000~40000-PASS



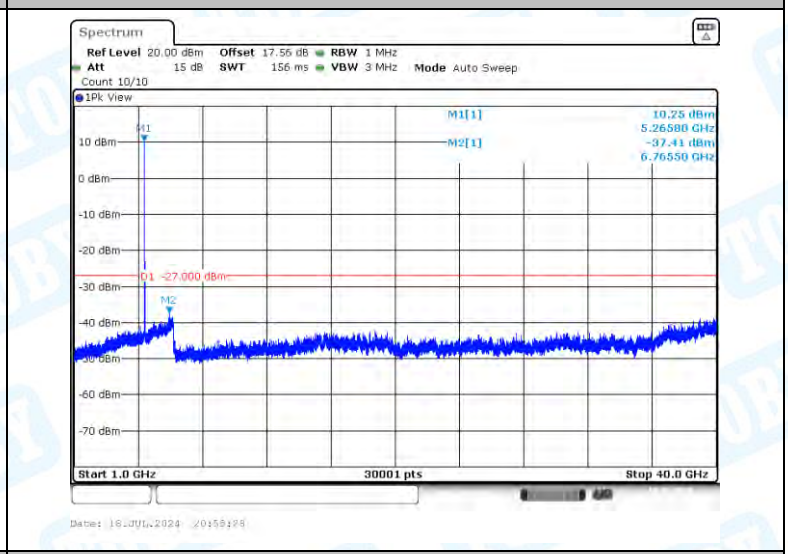
11A-Ant1-5260-30~1000-PASS



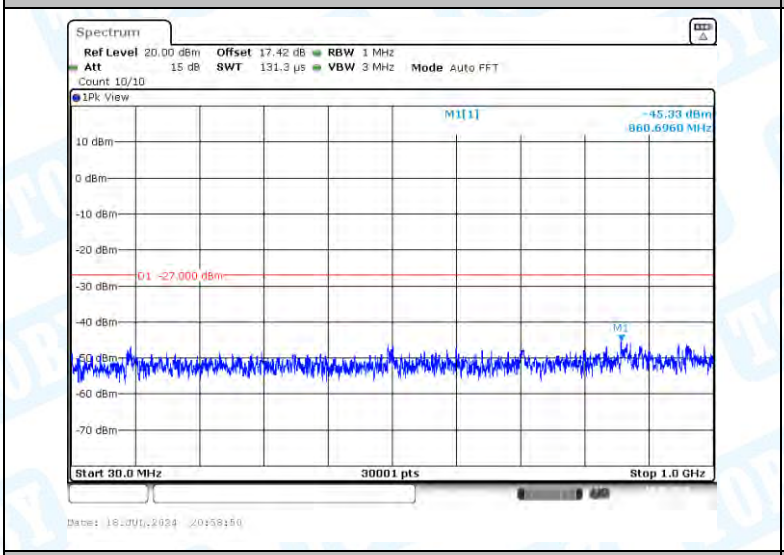
11A-Ant1-5260-1000~40000-PASS



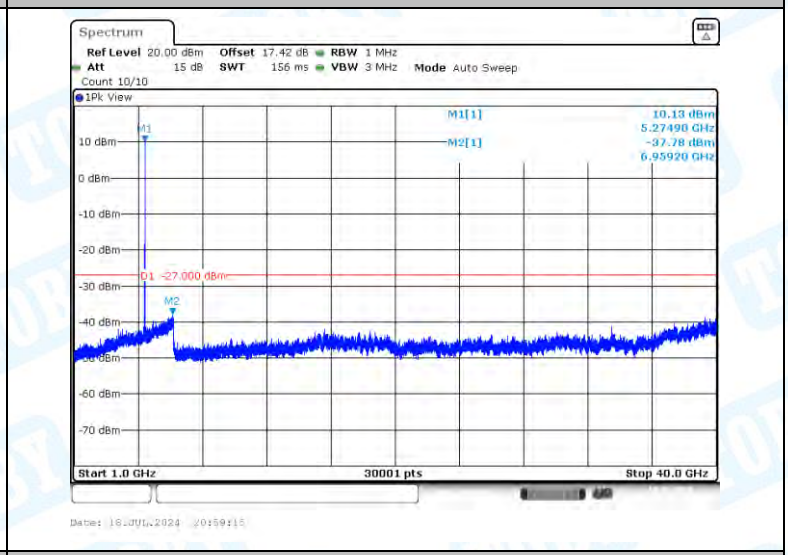
11A-Ant2-5260-30~1000-PASS



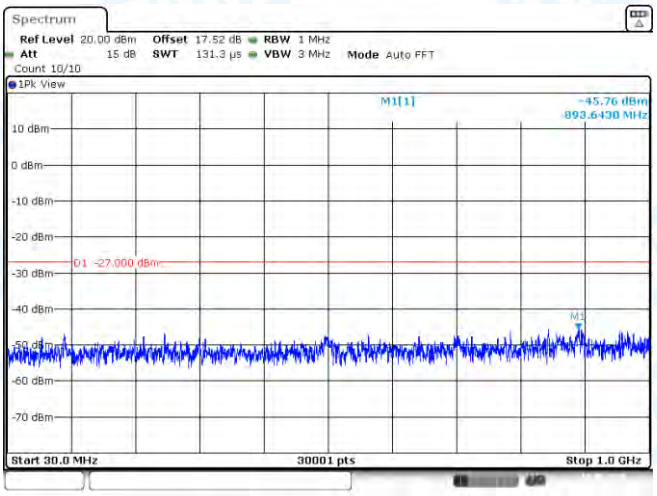
11A-Ant2-5260-1000~40000-PASS



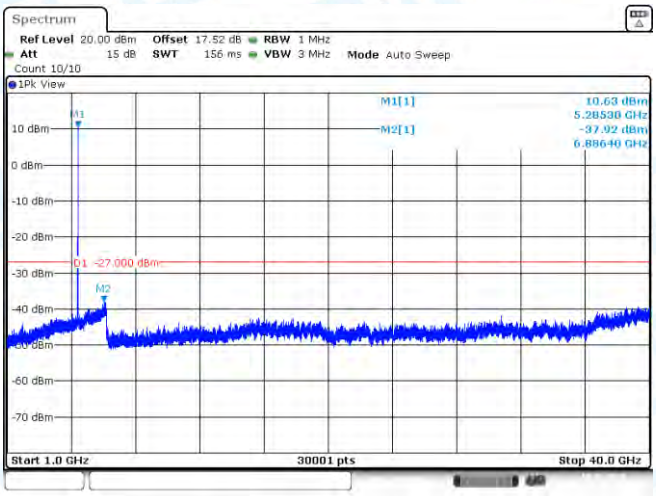
11A-Ant1-5280-30~1000-PASS



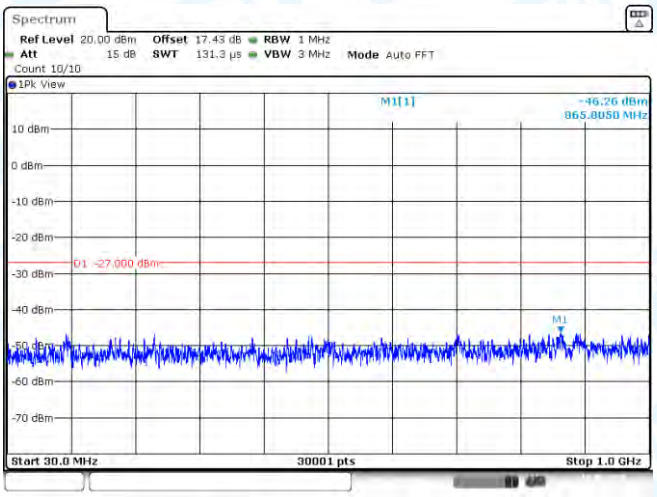
11A-Ant1-5280-1000~40000-PASS



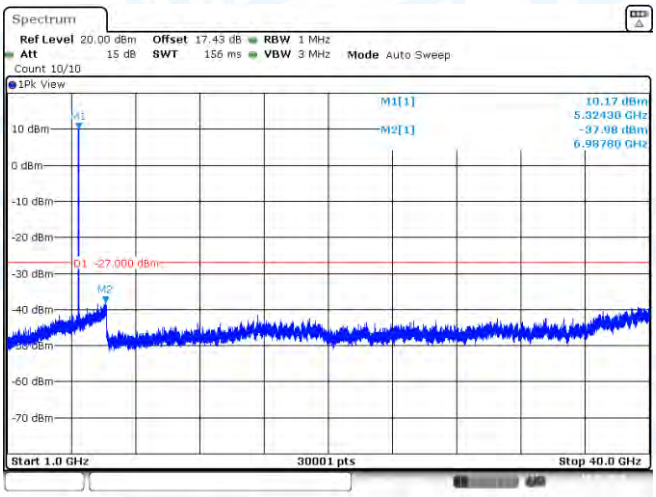
11A-Ant2-5280-30~1000-PASS



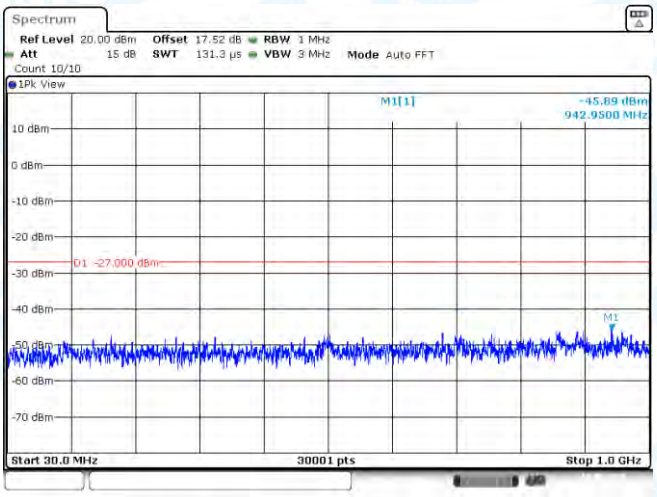
11A-Ant2-5280-1000~40000-PASS



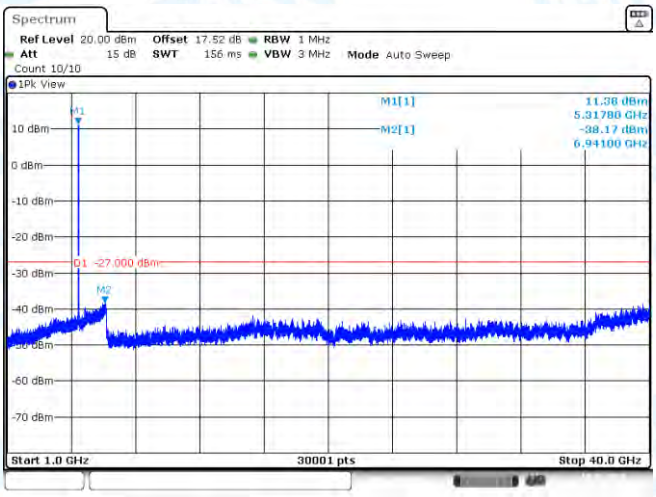
11A-Ant1-5320-30~1000-PASS



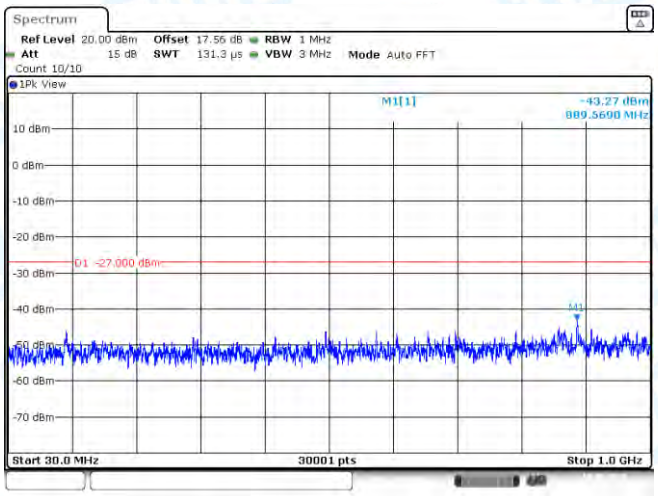
11A-Ant1-5320-1000~40000-PASS



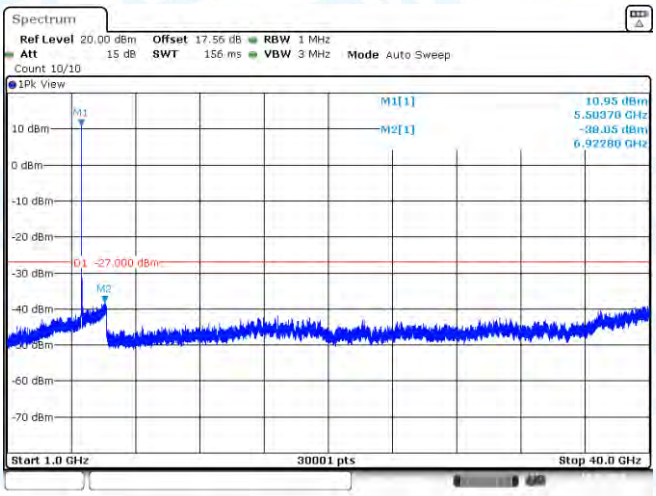
11A-Ant2-5320-30~1000-PASS



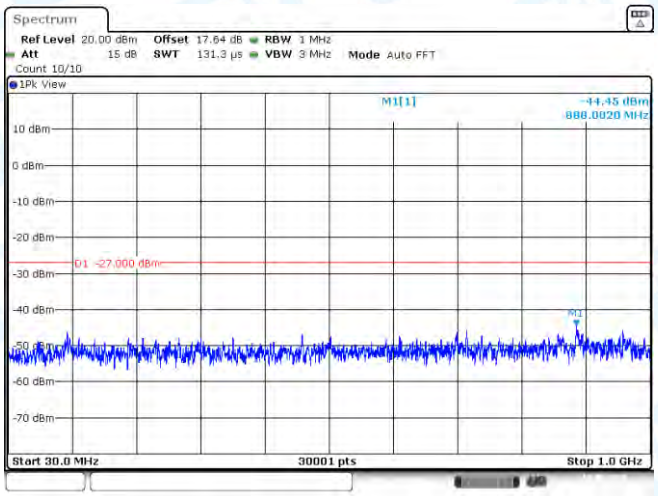
11A-Ant2-5320-1000~40000-PASS



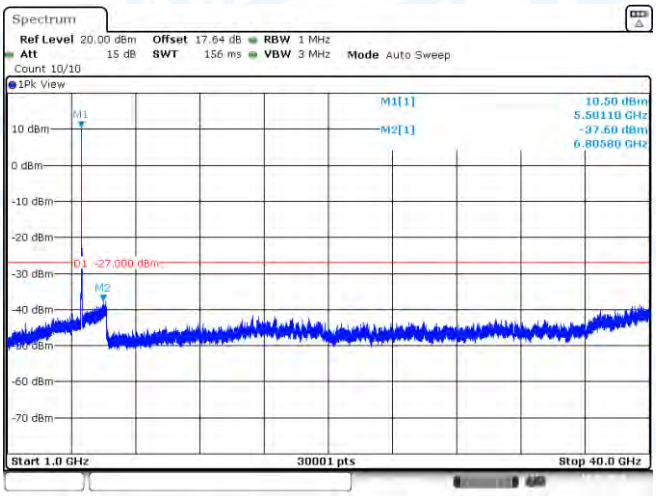
11A-Ant1-5500-30~1000-PASS



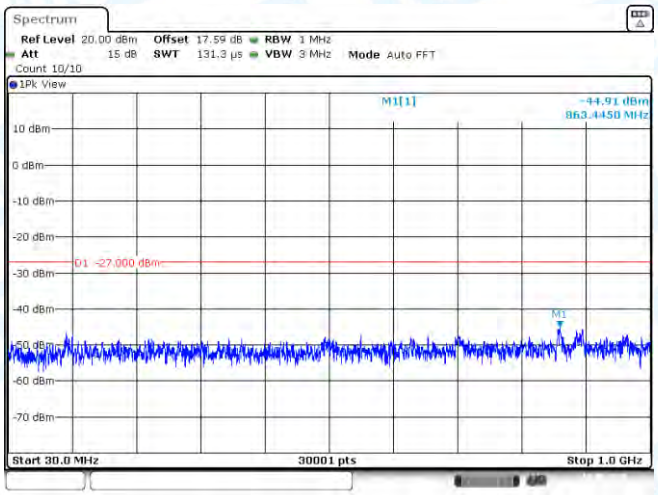
11A-Ant1-5500-1000~40000-PASS



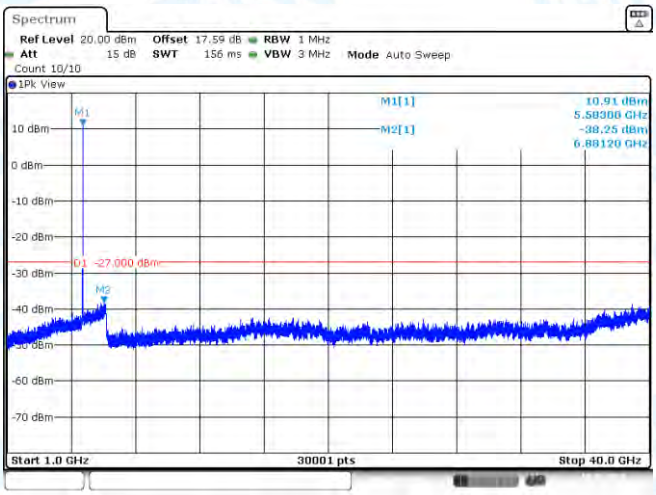
11A-Ant2-5500-30~1000-PASS



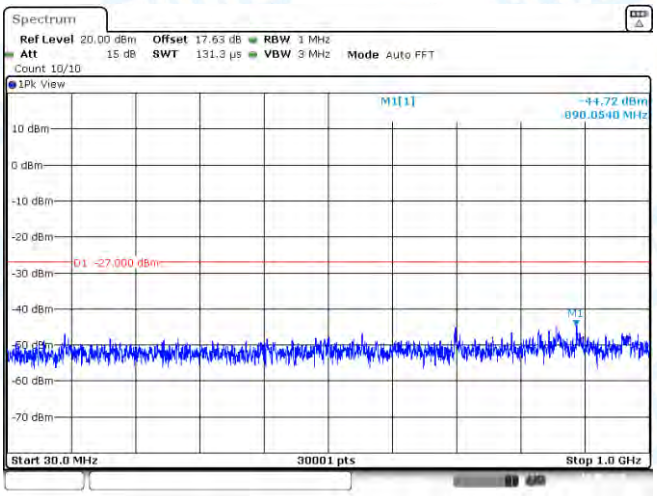
11A-Ant2-5500-1000~40000-PASS



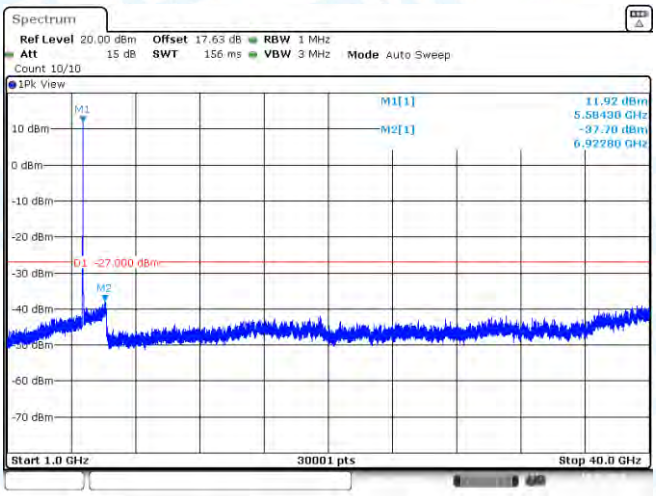
11A-Ant1-5580-30~1000-PASS



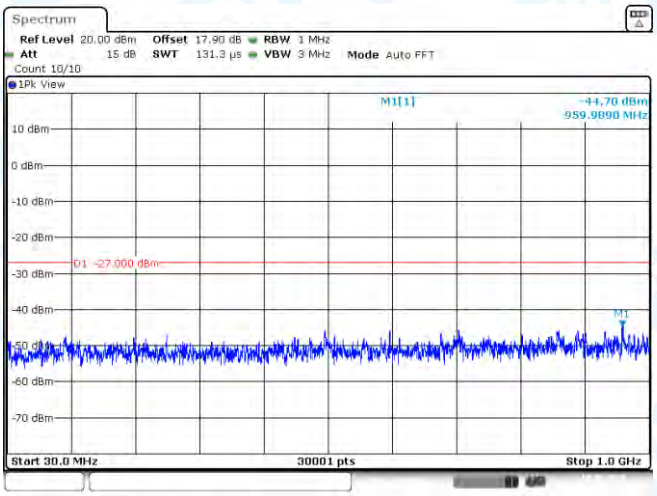
11A-Ant1-5580-1000~40000-PASS



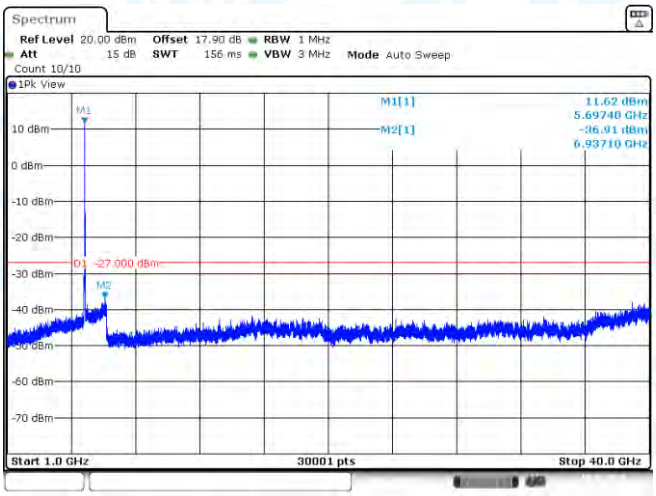
11A-Ant2-5580-30~1000-PASS



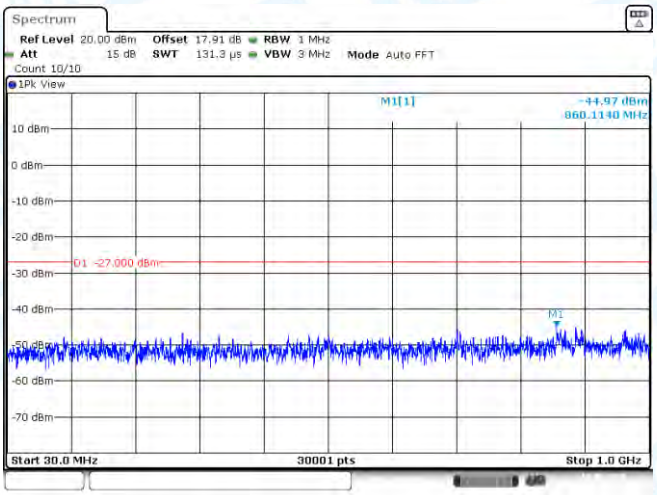
11A-Ant2-5580-1000~40000-PASS



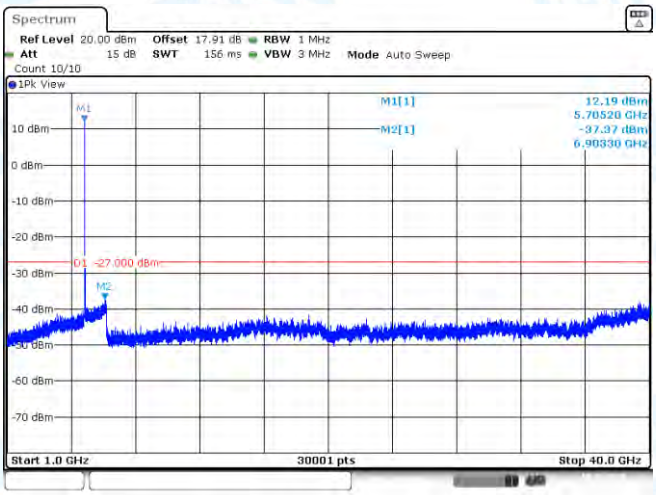
11A-Ant1-5700-30~1000-PASS



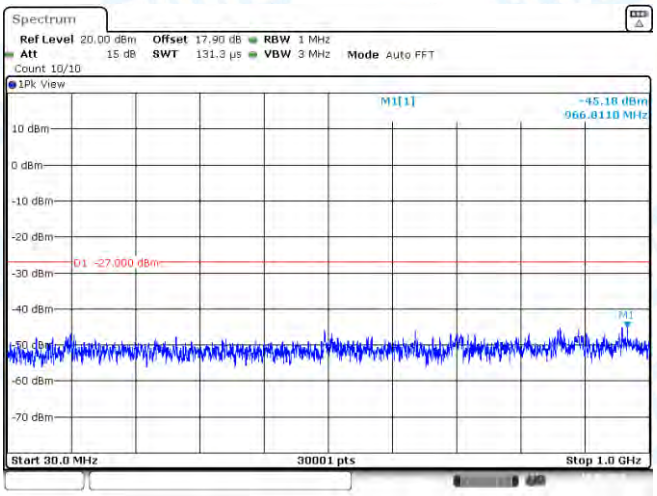
11A-Ant1-5700-1000~40000-PASS



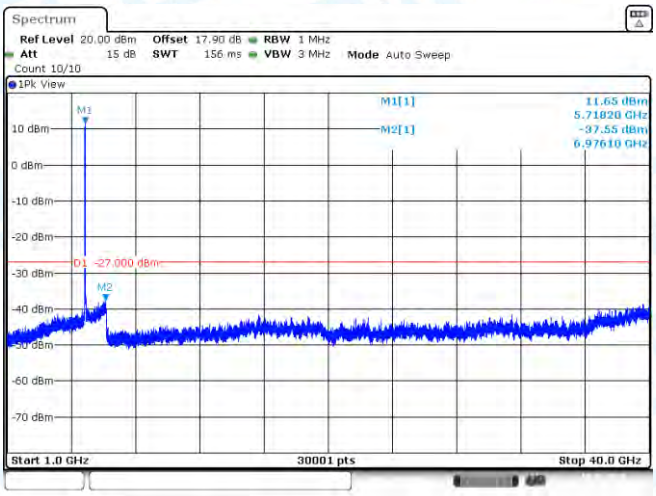
11A-Ant2-5700-30~1000-PASS



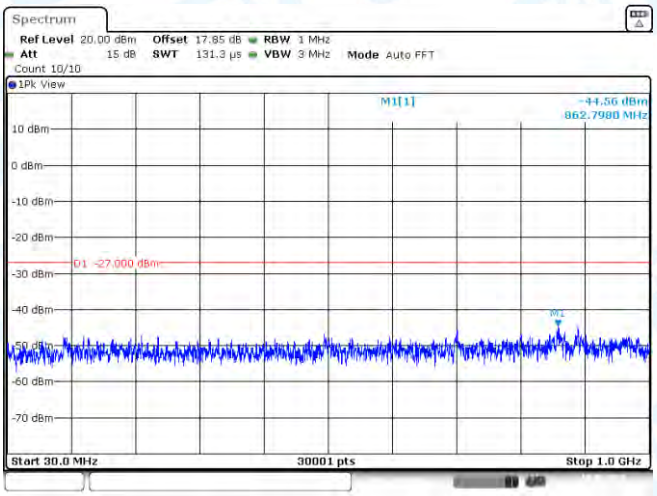
11A-Ant2-5700-1000~40000-PASS



11A-Ant1-5720-30~1000-PASS



11A-Ant1-5720-1000~40000-PASS



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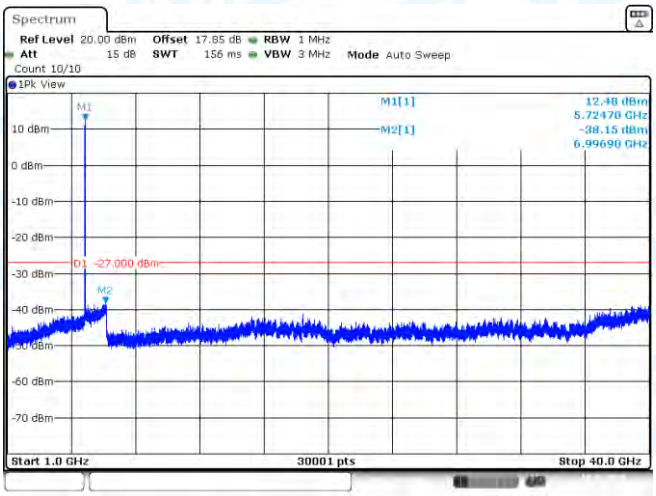
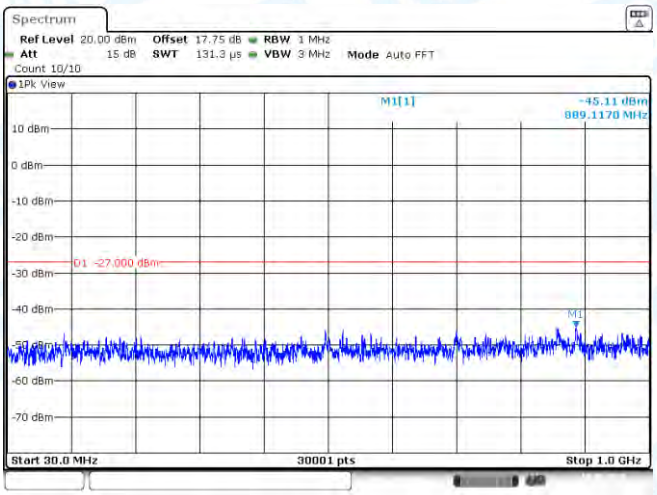
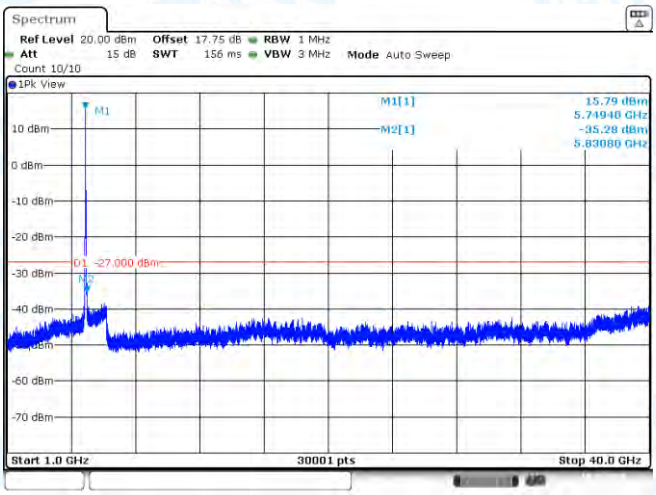


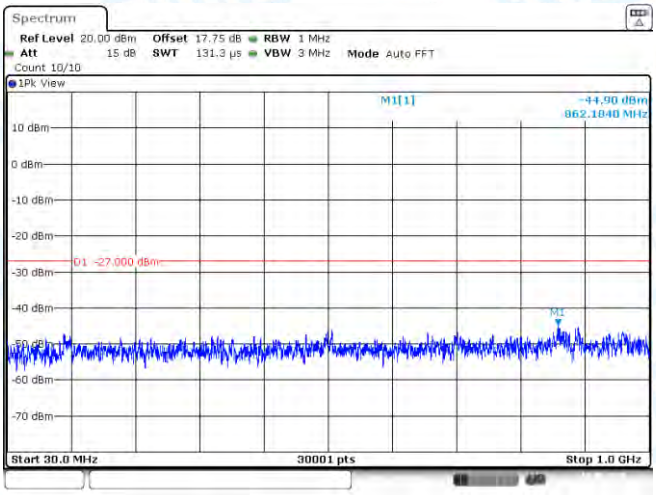
11A-Ant2-5720-1000~40000-PASS



11A-Ant1-5745-30~1000-PASS



11A-Ant1-5745-1000~40000-PASS



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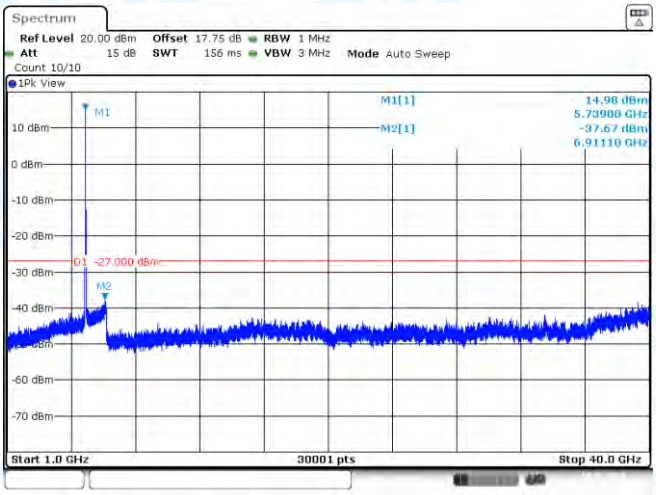
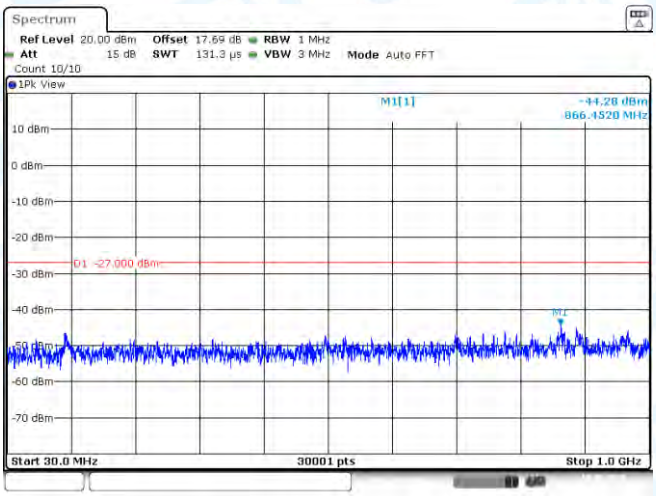
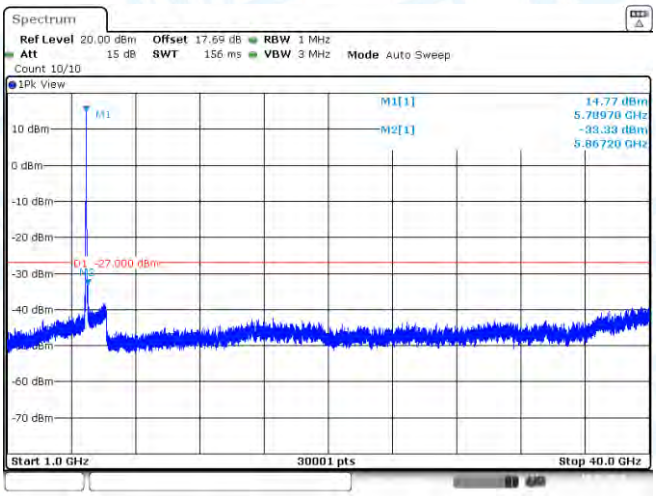


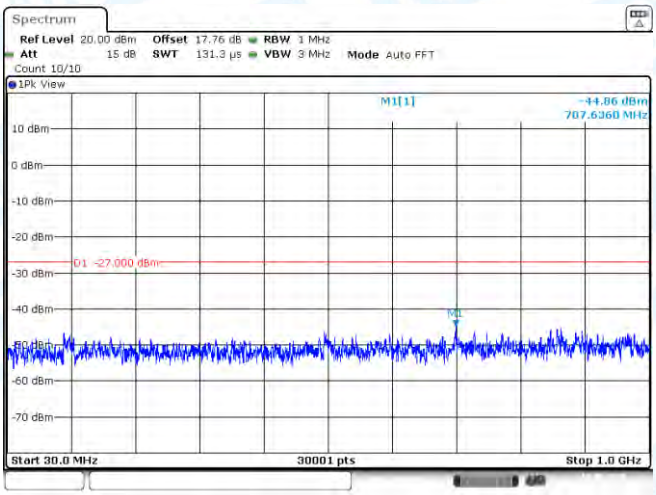
11A-Ant2-5745-1000~40000-PASS



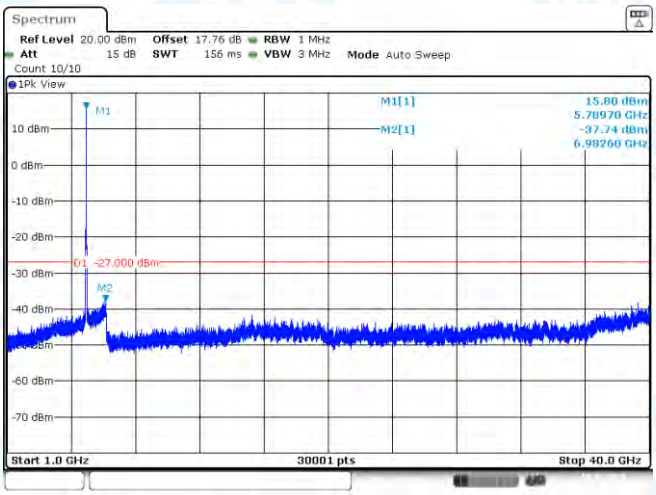
11A-Ant1-5785-30~1000-PASS



11A-Ant1-5785-1000~40000-PASS



11A-Ant2-5785-30~1000-PASS



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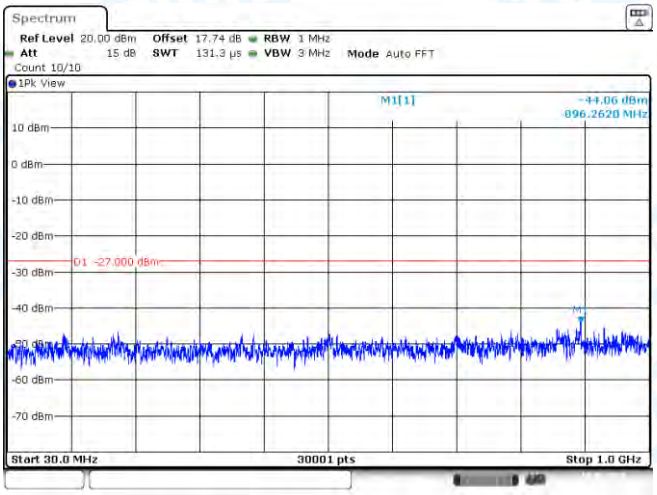
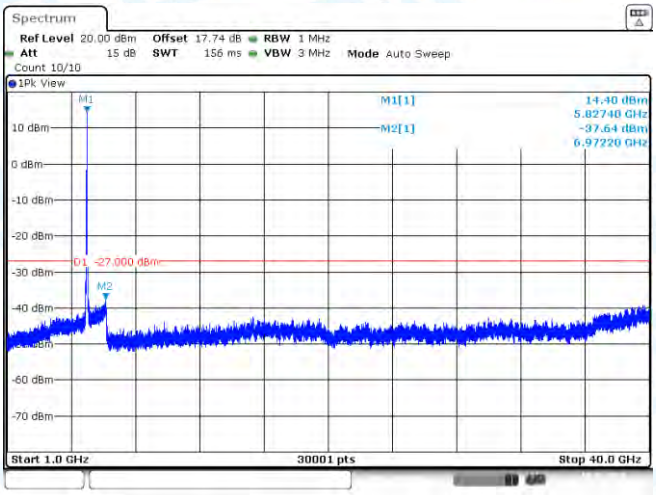


11A-Ant1-5825-30~1000-PASS



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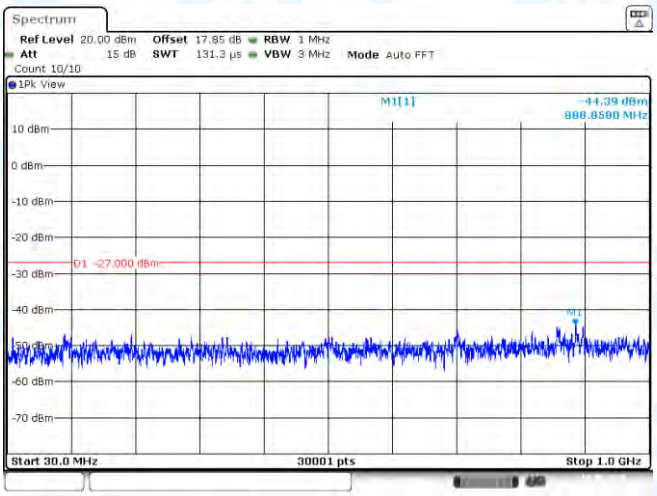

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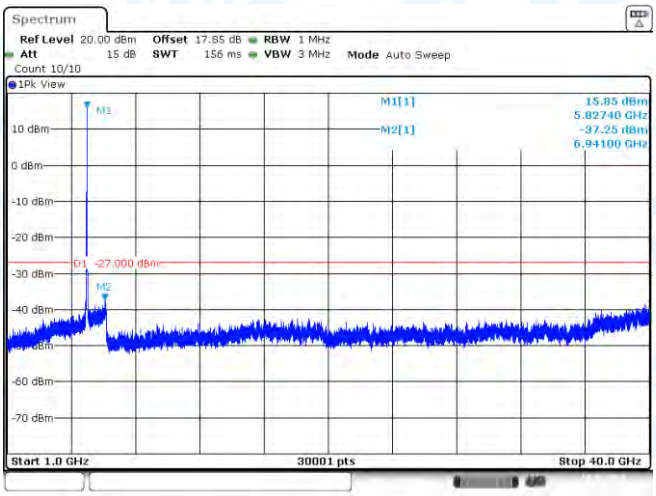
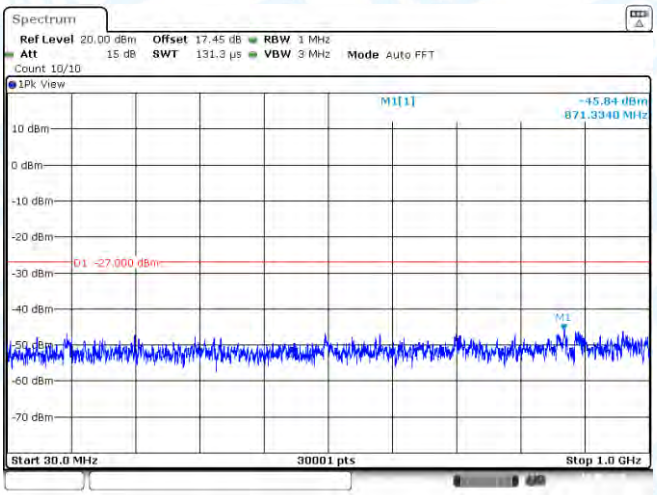
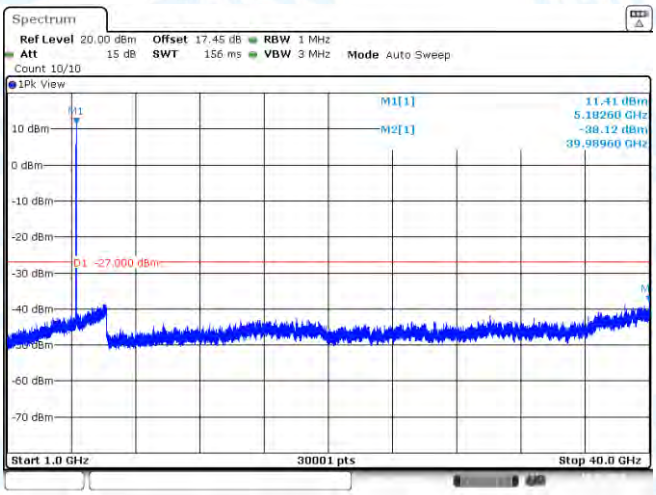


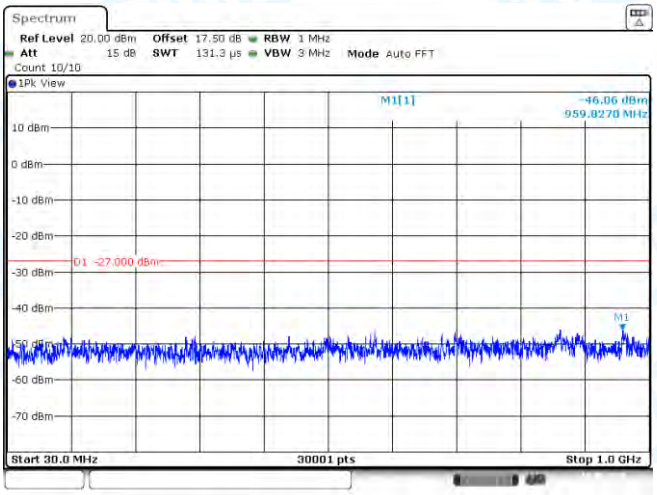
11A-Ant2-5825-1000~40000-PASS



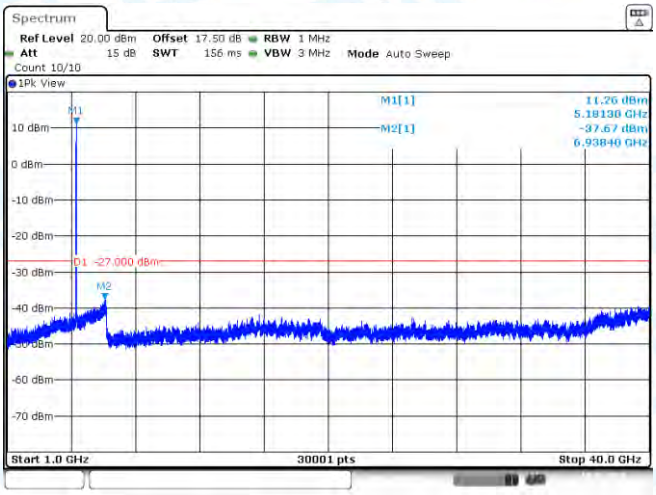
11N20MIMO-Ant1-5180-30~1000-PASS



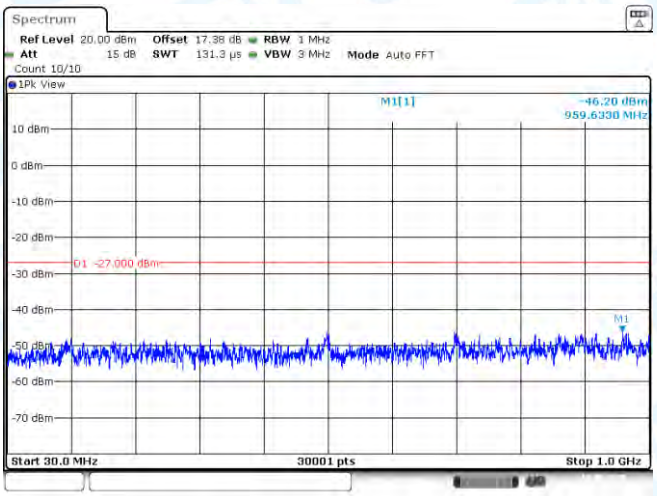
11N20MIMO-Ant1-5180-1000~40000-PASS



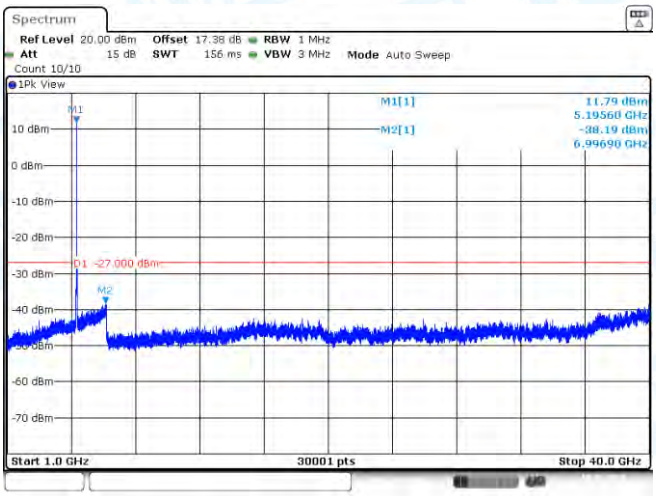
11N20MIMO-Ant2-5180-30~1000-PASS



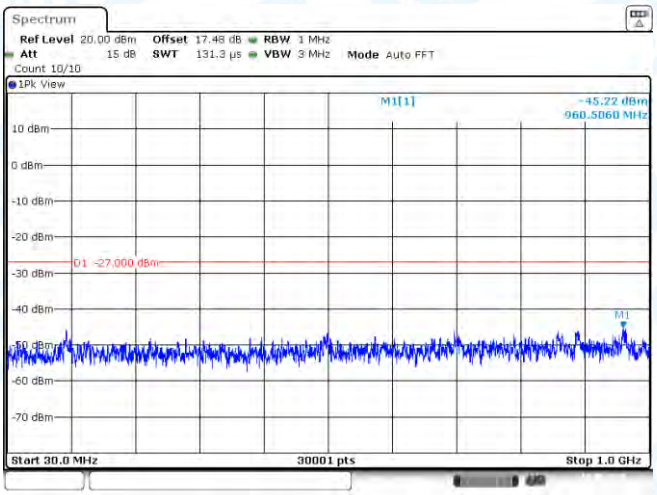
11N20MIMO-Ant2-5180-1000~40000-PASS



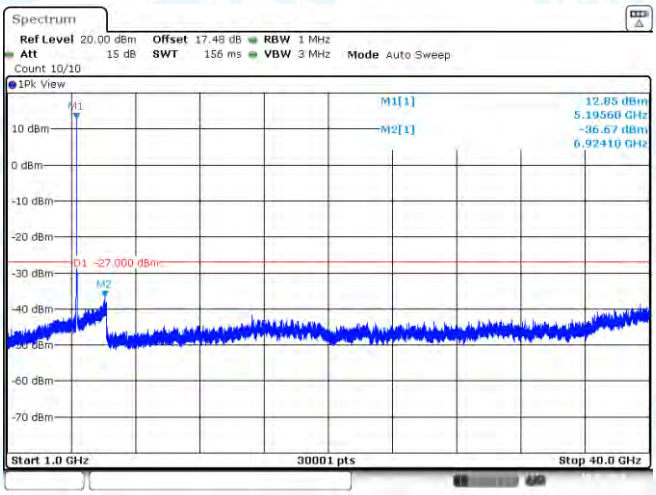
11N20MIMO-Ant1-5200-30~1000-PASS



11N20MIMO-Ant1-5200-1000~40000-PASS



11N20MIMO-Ant2-5200-30~1000-PASS



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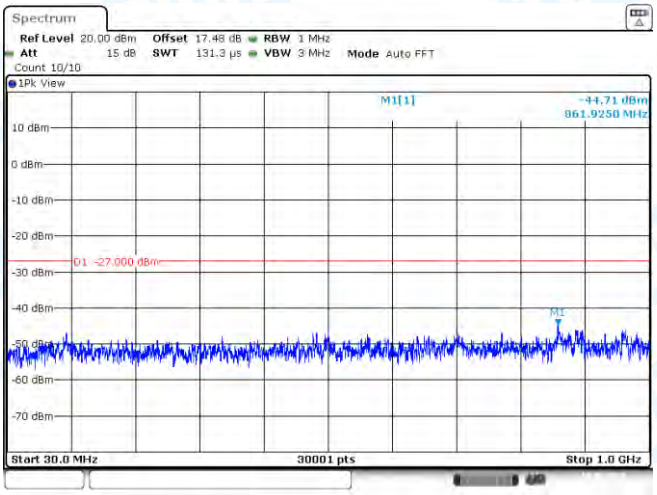
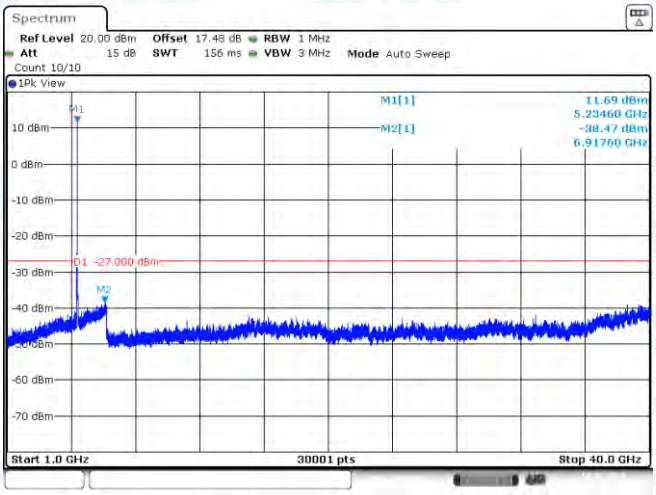
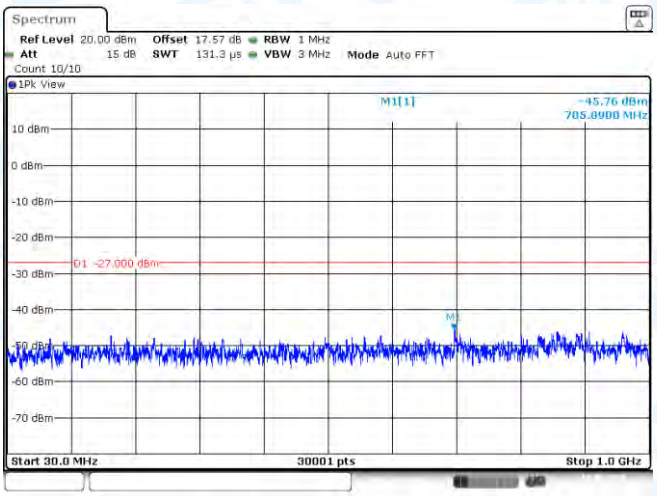


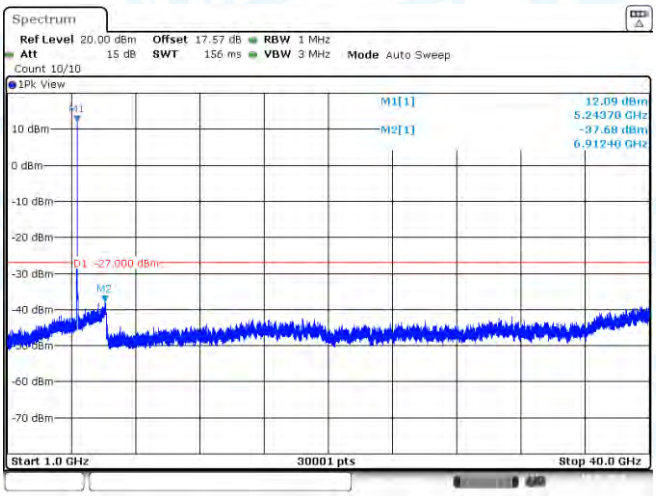
11N20MIMO-Ant1-5240-30~1000-PASS



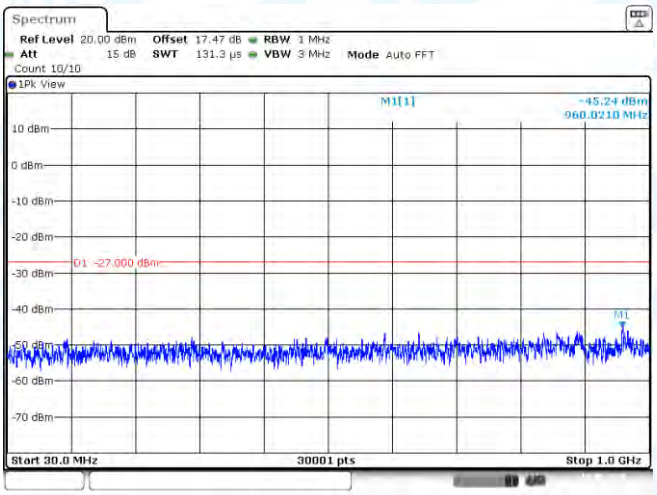
11N20MIMO-Ant1-5240-1000~40000-PASS



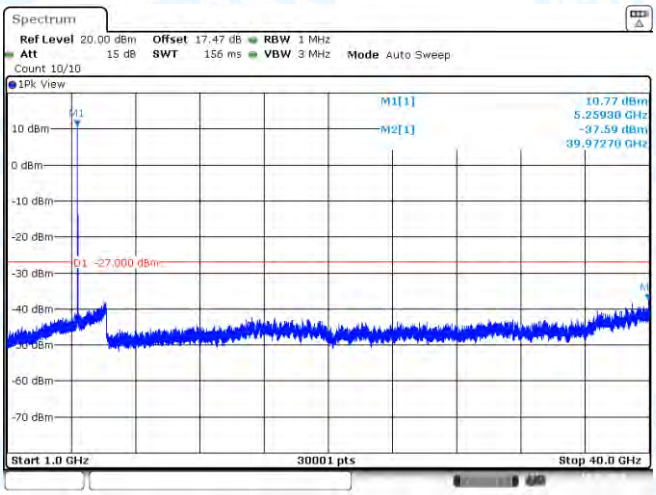
11N20MIMO-Ant2-5240-30~1000-PASS



11N20MIMO-Ant2-5240-1000~40000-PASS



11N20MIMO-Ant1-5260-30~1000-PASS



11N20MIMO-Ant1-5260-1000~40000-PASS