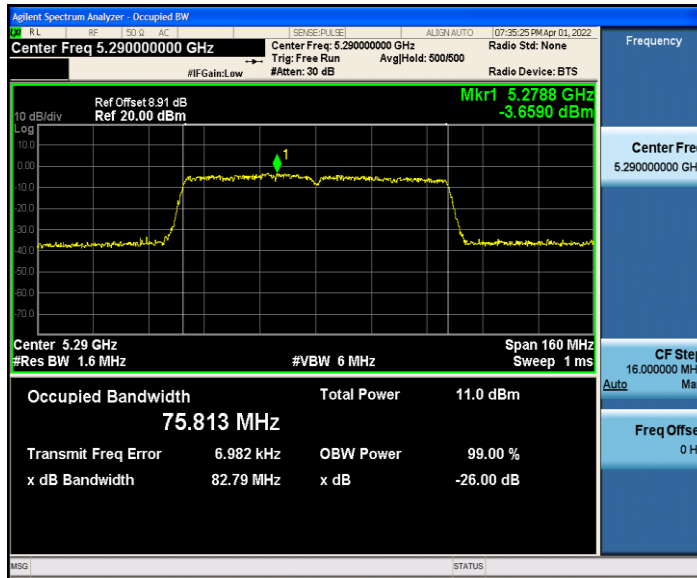
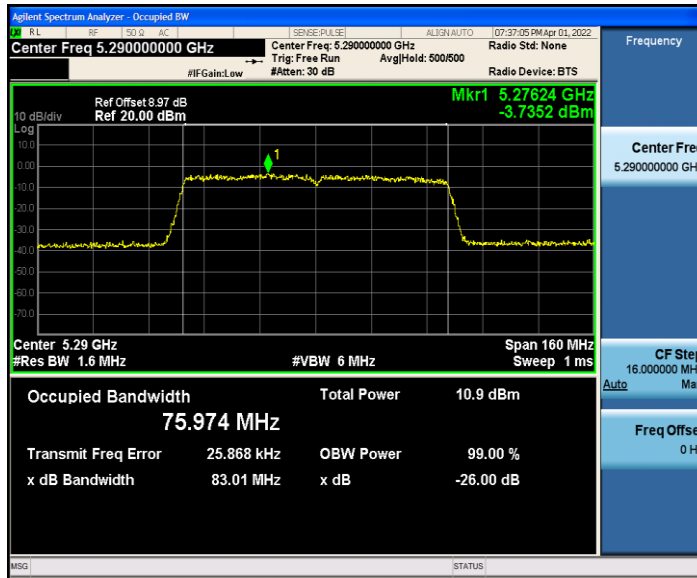


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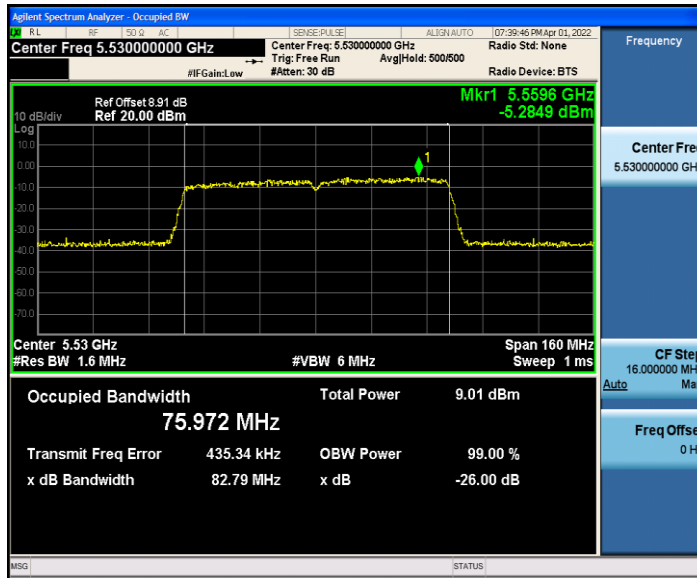
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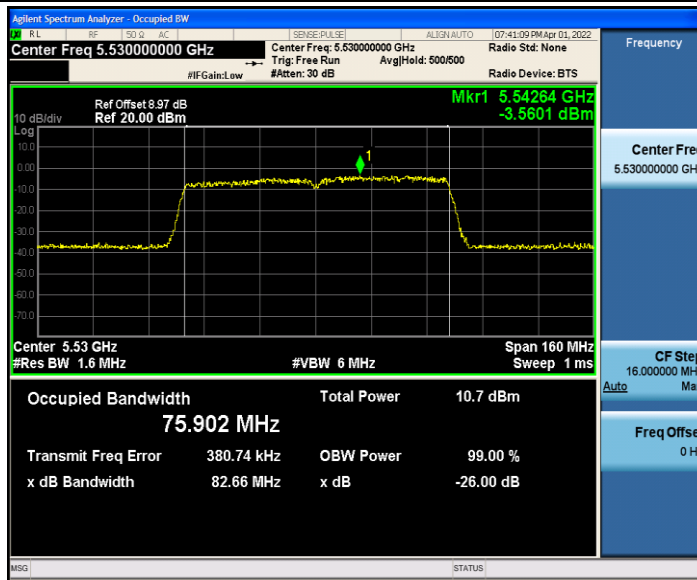
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11AC80MIMO_Ant1_5530



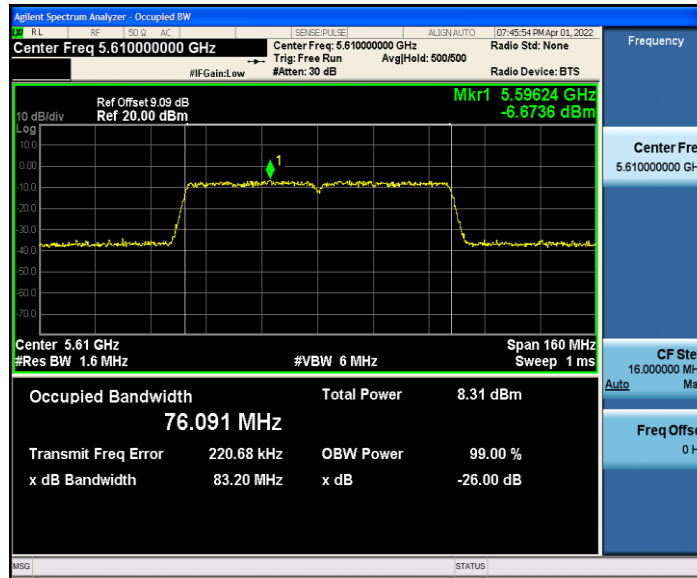
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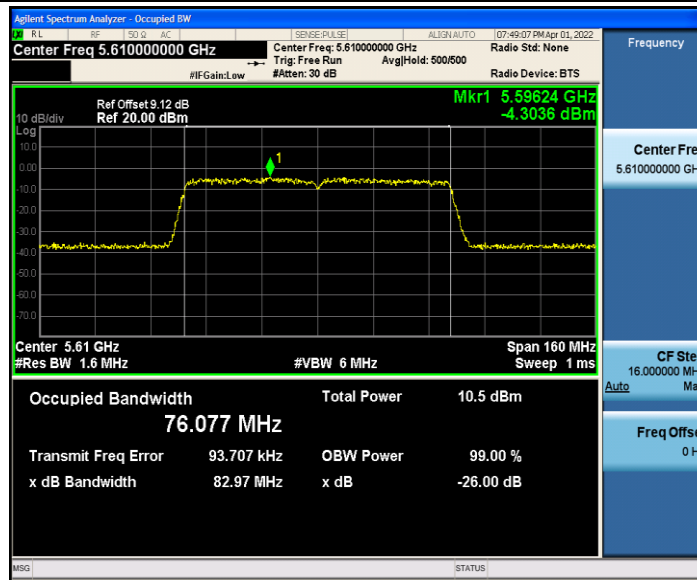
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11AC80MIMO_Ant1_5610



11AC80MIMO_Ant2_5610

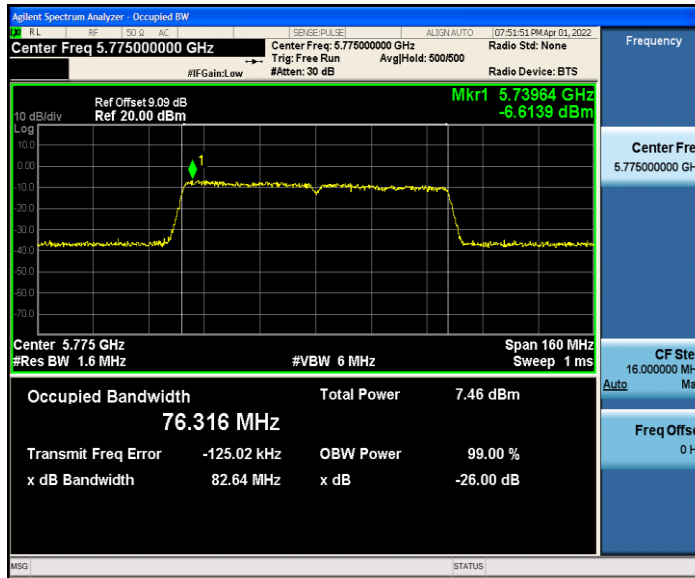


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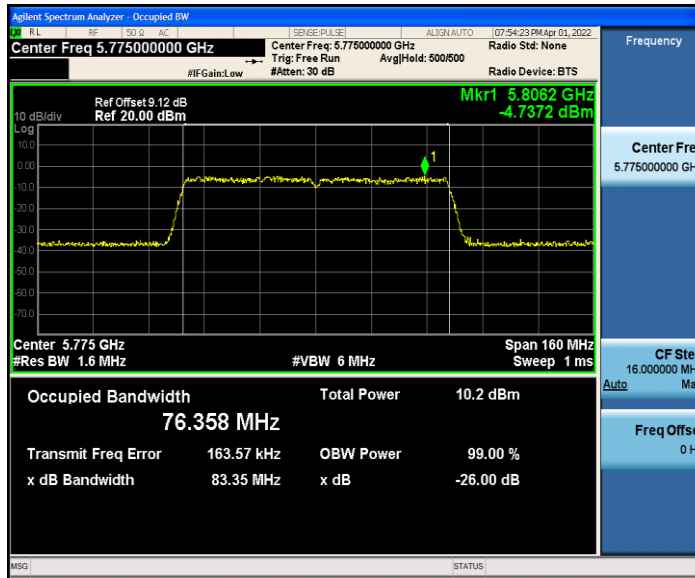
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11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



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10.3 Appendix A3: Min emission bandwidth
10.3.1 Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Min Limit [MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
	Ant2	5745	16.360	5736.800	5753.160	0.5	PASS
	Ant1	5785	16.440	5776.760	5793.200	0.5	PASS
	Ant2	5785	16.360	5776.800	5793.160	0.5	PASS
	Ant1	5825	16.400	5816.800	5833.200	0.5	PASS
	Ant2	5825	16.160	5817.000	5833.160	0.5	PASS
11N20MIMO	Ant1	5745	17.680	5736.120	5753.800	0.5	PASS
	Ant2	5745	17.600	5736.160	5753.760	0.5	PASS
	Ant1	5785	17.640	5776.160	5793.800	0.5	PASS
	Ant2	5785	17.360	5776.160	5793.520	0.5	PASS
	Ant1	5825	17.640	5816.160	5833.800	0.5	PASS
	Ant2	5825	17.320	5816.440	5833.760	0.5	PASS
11N40MIMO	Ant1	5755	36.560	5736.680	5773.240	0.5	PASS
	Ant2	5755	36.480	5736.760	5773.240	0.5	PASS
	Ant1	5795	36.480	5776.760	5813.240	0.5	PASS
	Ant2	5795	36.480	5776.760	5813.240	0.5	PASS
11AC20MIMO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
	Ant2	5745	17.400	5736.160	5753.560	0.5	PASS
	Ant1	5785	17.680	5776.120	5793.800	0.5	PASS
	Ant2	5785	17.360	5776.160	5793.520	0.5	PASS
	Ant1	5825	17.640	5816.160	5833.800	0.5	PASS
	Ant2	5825	17.400	5816.400	5833.800	0.5	PASS
11AC40MIMO	Ant1	5755	36.480	5736.760	5773.240	0.5	PASS
	Ant2	5755	36.480	5736.680	5773.160	0.5	PASS
	Ant1	5795	36.480	5776.760	5813.240	0.5	PASS
	Ant2	5795	36.480	5776.760	5813.240	0.5	PASS
11AC80MIMO	Ant1	5775	76.160	5736.600	5812.760	0.5	PASS
	Ant2	5775	76.160	5736.600	5812.760	0.5	PASS



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10.3.2 Test Graphs



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11A_Ant1_5785



11A_Ant2_5785

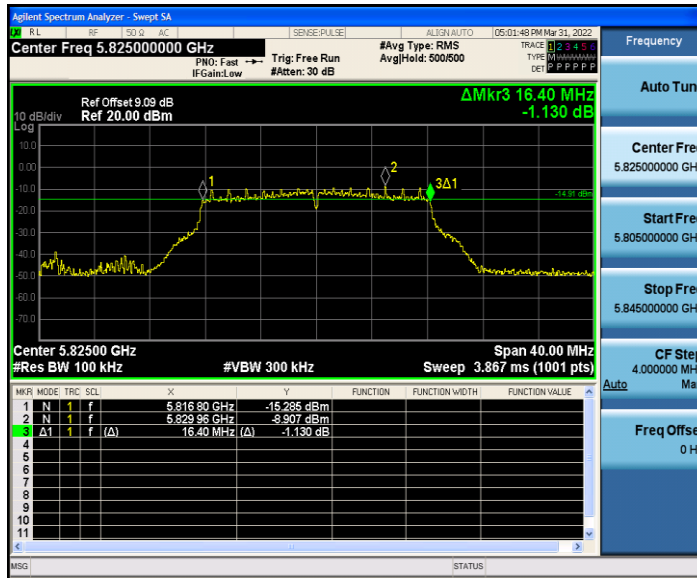


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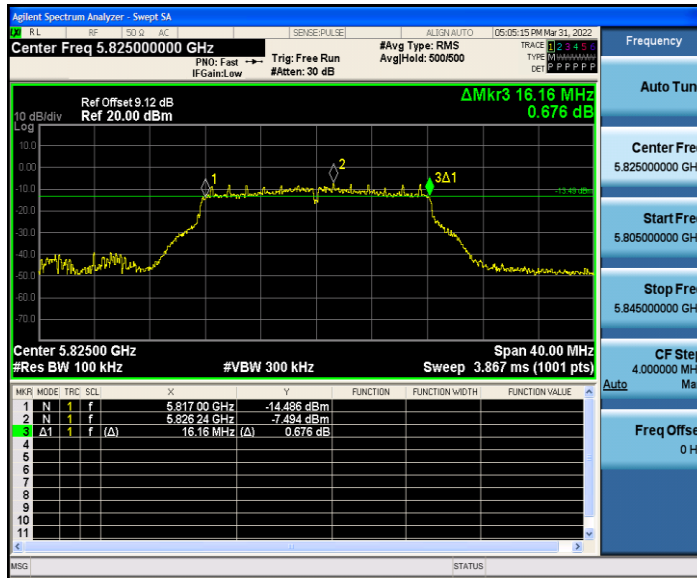
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11A_Ant1_5825



11A_Ant2_5825

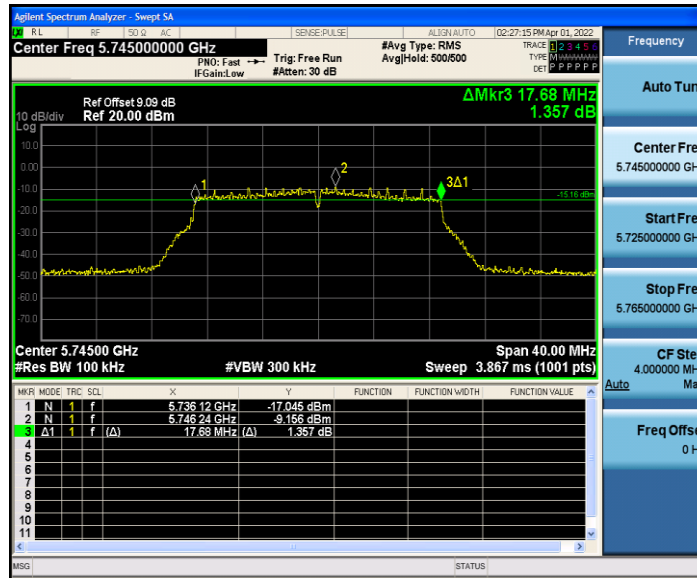


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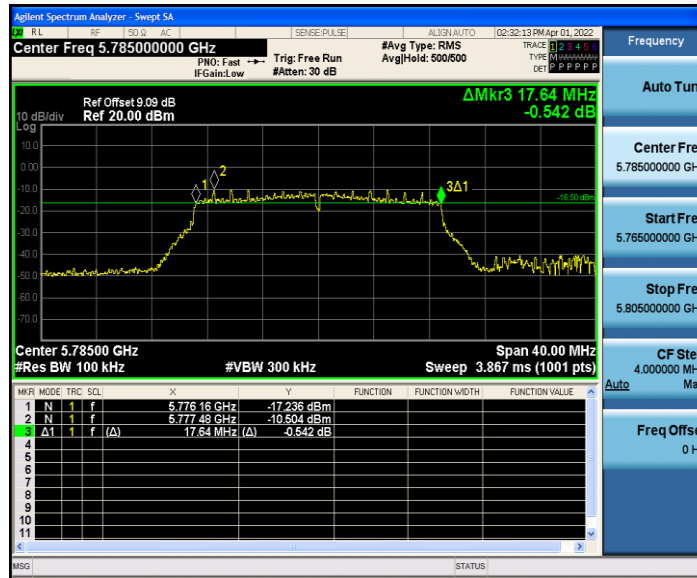


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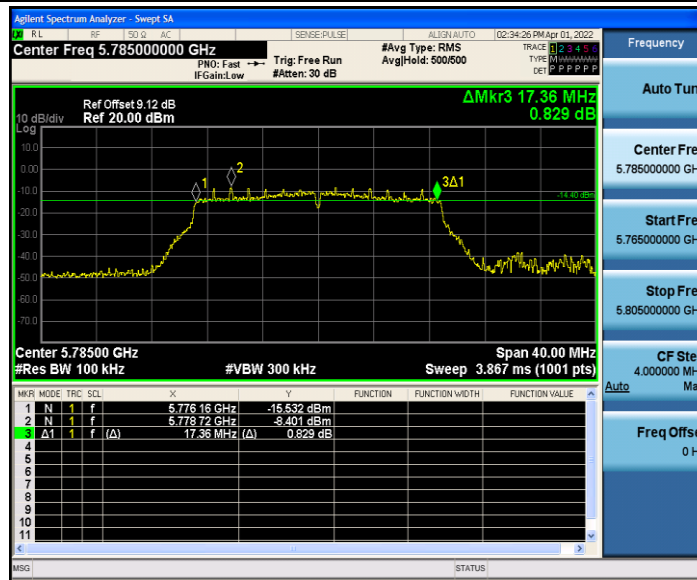
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11N20MIMO_Ant1_5785



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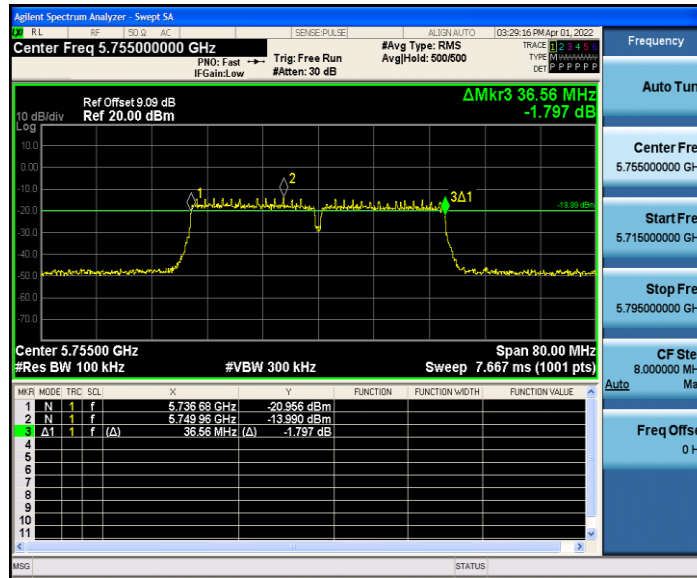


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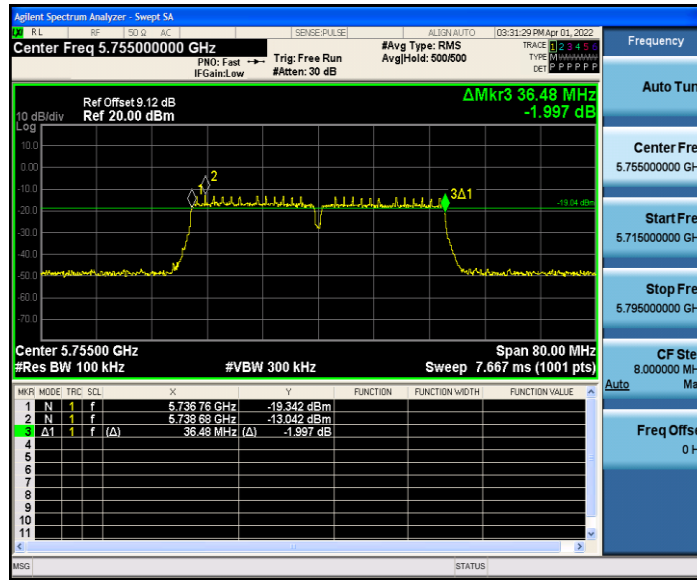
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11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755

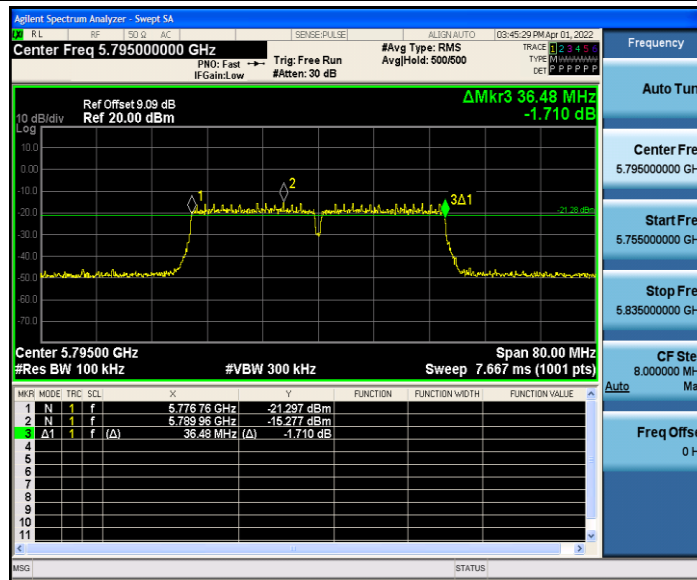


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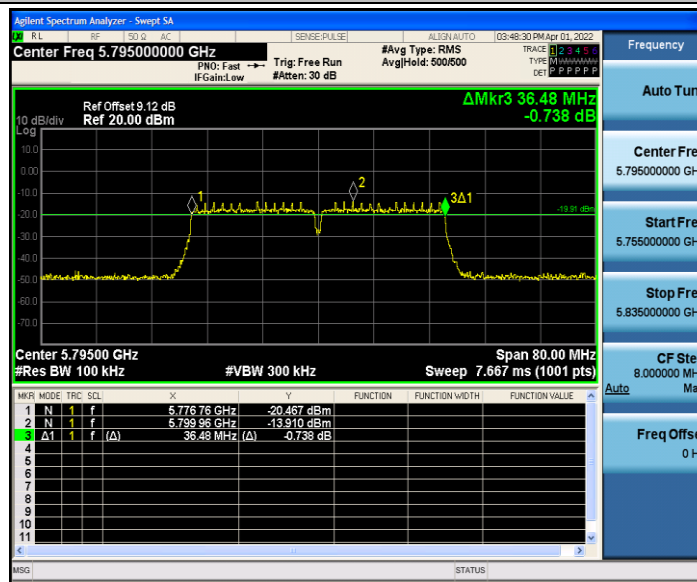
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11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



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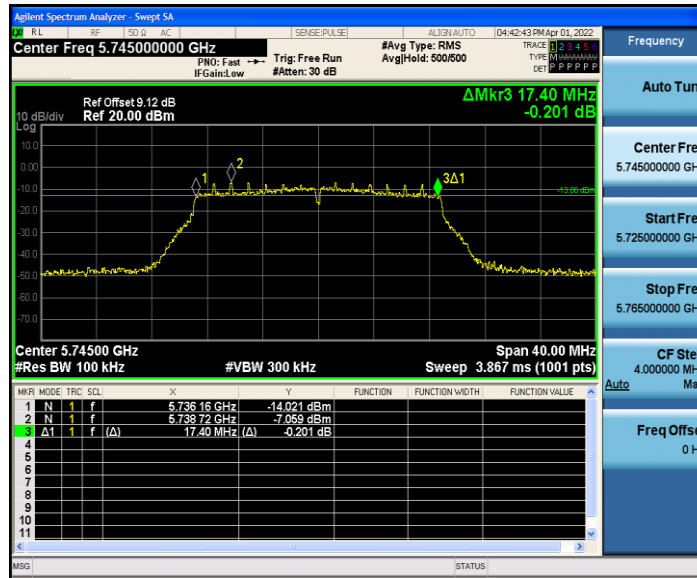
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11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



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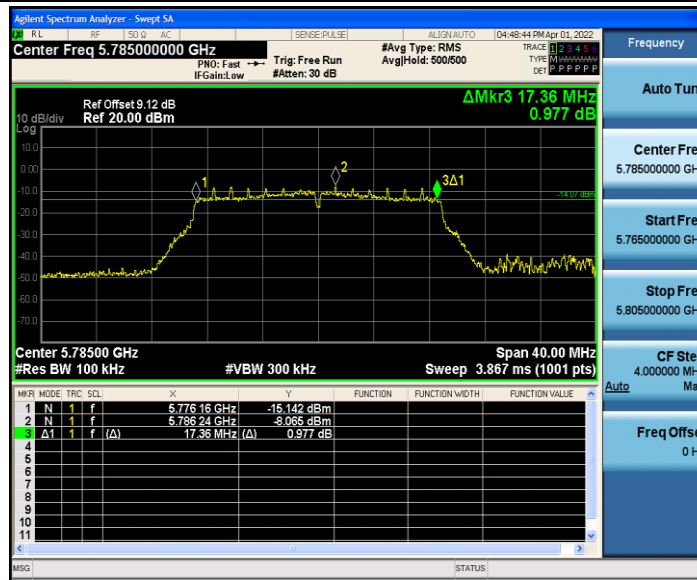
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11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



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11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825

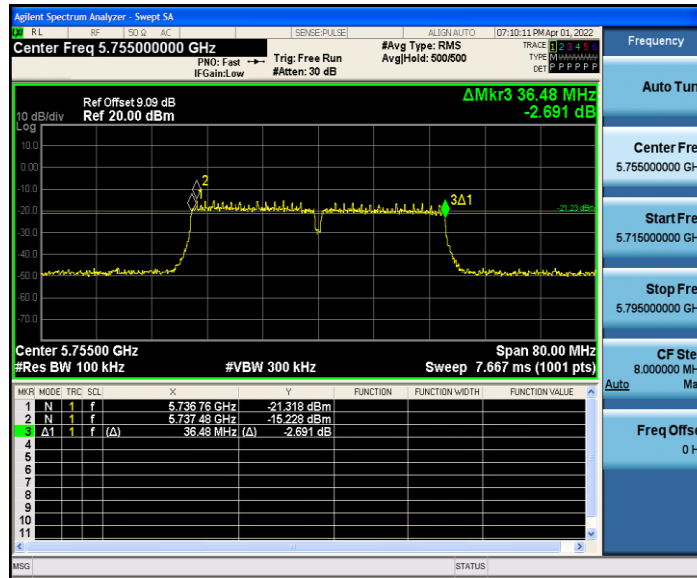


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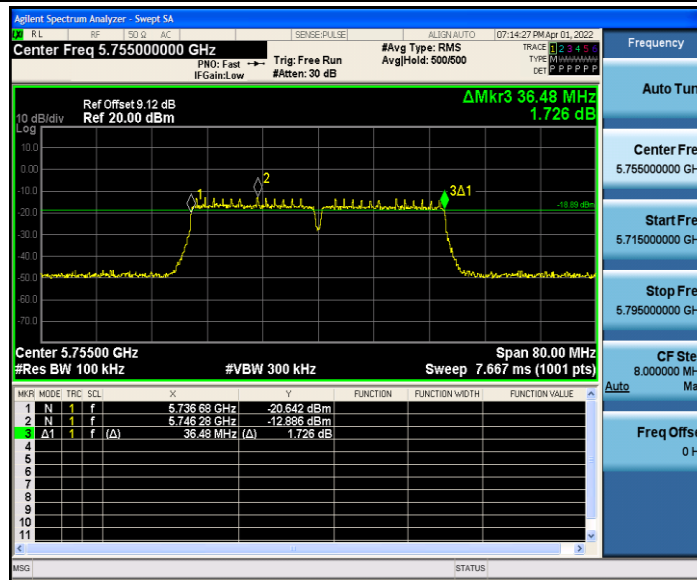
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11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755

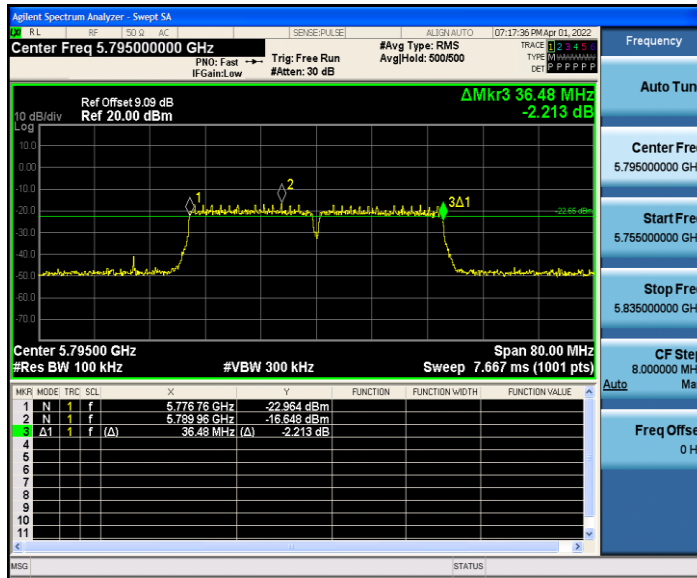


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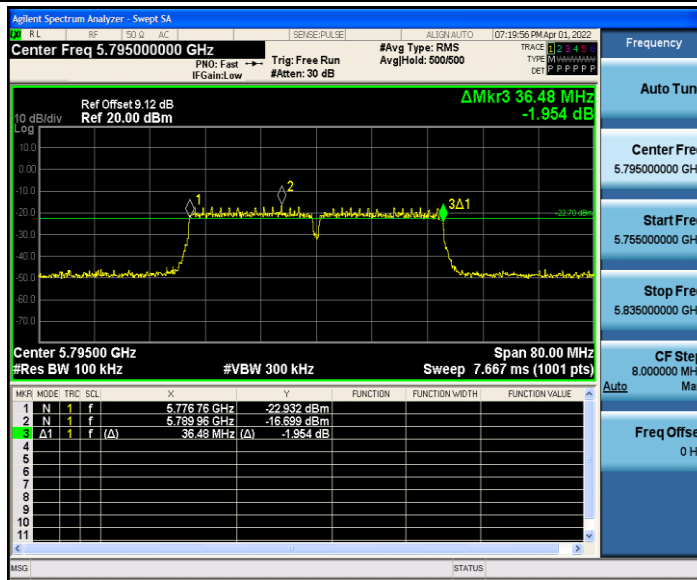
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11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795

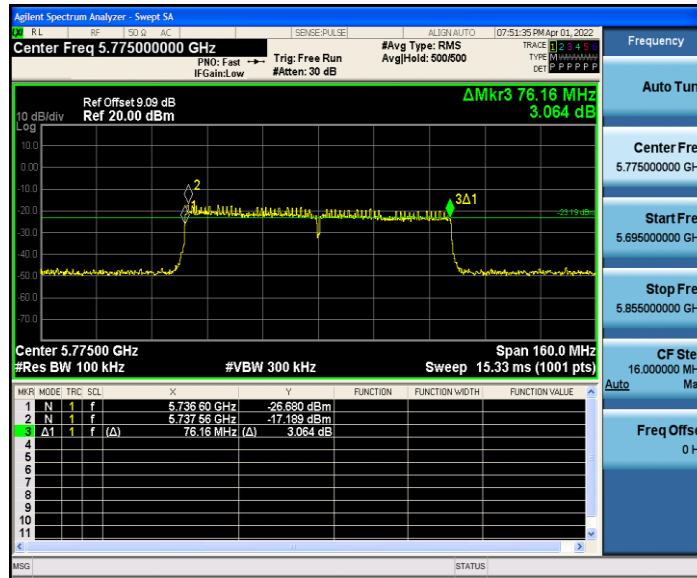


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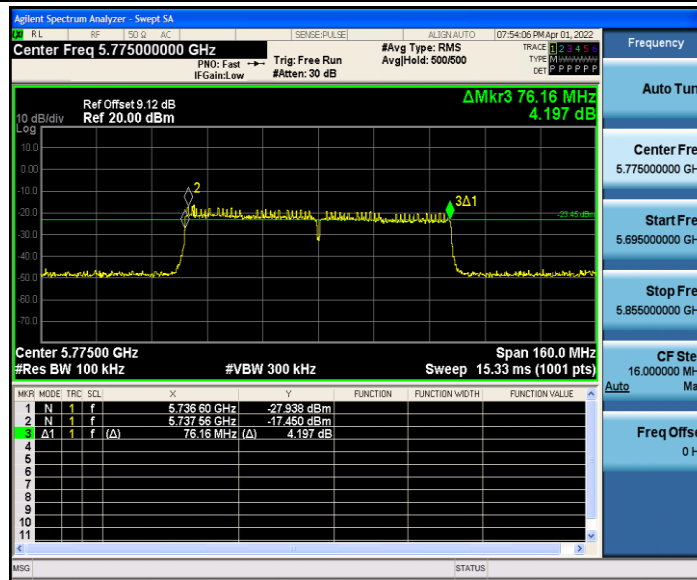
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11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



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10.4 Appendix B: Maximum conducted output power

10.4.1 Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	2.59	<=22.98	PASS
	Ant2	5180	2.96	<=22.98	PASS
	Ant1	5200	2.49	<=22.98	PASS
	Ant2	5200	2.58	<=22.98	PASS
	Ant1	5240	3.66	<=22.98	PASS
	Ant2	5240	4.16	<=22.98	PASS
	Ant1	5260	4.67	<=22.98	PASS
	Ant2	5260	4.60	<=22.98	PASS
	Ant1	5280	4.23	<=22.98	PASS
	Ant2	5280	4.46	<=22.98	PASS
	Ant1	5320	2.93	<=22.98	PASS
	Ant2	5320	3.60	<=22.98	PASS
	Ant1	5500	0.84	<=22.98	PASS
	Ant2	5500	2.16	<=22.98	PASS
	Ant1	5580	2.57	<=22.98	PASS
	Ant2	5580	3.57	<=22.98	PASS
	Ant1	5700	2.64	<=22.98	PASS
	Ant2	5700	3.62	<=22.98	PASS
	Ant1	5745	2.18	<=29.00	PASS
	Ant2	5745	3.36	<=29.00	PASS
11N20MIMO	Ant1	5785	0.88	<=29.00	PASS
	Ant2	5785	2.69	<=29.00	PASS
	Ant1	5825	2.02	<=29.00	PASS
	Ant2	5825	3.64	<=29.00	PASS
	Ant1+2	5180	5.5	<=19.97	PASS
	Ant1+2	5200	5.9	<=19.97	PASS
	Ant1+2	5240	7.5	<=19.97	PASS
	Ant1+2	5260	7.7	<=19.97	PASS
	Ant1+2	5280	7.7	<=19.97	PASS
	Ant1+2	5320	6.8	<=19.97	PASS
	Ant1+2	5500	4.4	<=19.97	PASS
	Ant1+2	5580	5.8	<=19.97	PASS
11N40MIMO	Ant1+2	5700	6.3	<=19.97	PASS
	Ant1+2	5745	6.1	<=25.99	PASS
	Ant1+2	5785	4.9	<=25.99	PASS
	Ant1+2	5825	5.8	<=25.99	PASS
11N40MIMO	Ant1+2	5190	0.9	<=19.97	PASS
	Ant1+2	5230	4.5	<=19.97	PASS
	Ant1+2	5270	5.1	<=19.97	PASS
	Ant1+2	5310	2.0	<=19.97	PASS



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	Ant1+2	5510	1.3	<=19.97	PASS
	Ant1+2	5550	0.6	<=19.97	PASS
	Ant1+2	5670	1.9	<=19.97	PASS
	Ant1+2	5755	-6.3	<=25.99	PASS
	Ant1+2	5795	0.6	<=25.99	PASS
11AC20MIMO	Ant1+2	5180	5.7	<=19.97	PASS
	Ant1+2	5200	6.0	<=19.97	PASS
	Ant1+2	5240	7.4	<=19.97	PASS
	Ant1+2	5260	7.5	<=19.97	PASS
	Ant1+2	5280	8.0	<=19.97	PASS
	Ant1+2	5320	6.8	<=19.97	PASS
	Ant1+2	5500	4.6	<=19.97	PASS
	Ant1+2	5580	6.1	<=19.97	PASS
	Ant1+2	5700	5.9	<=19.97	PASS
	Ant1+2	5745	5.8	<=25.99	PASS
	Ant1+2	5785	4.5	<=25.99	PASS
	Ant1+2	5825	5.1	<=25.99	PASS
11AC40MIMO	Ant1+2	5190	3.6	<=19.97	PASS
	Ant1+2	5230	4.6	<=19.97	PASS
	Ant1+2	5270	5.2	<=19.97	PASS
	Ant1+2	5310	4.2	<=19.97	PASS
	Ant1+2	5510	-6.3	<=19.97	PASS
	Ant1+2	5550	3.9	<=19.97	PASS
	Ant1+2	5670	1.8	<=19.97	PASS
	Ant1+2	5755	1.2	<=25.99	PASS
	Ant1+2	5795	0.5	<=25.99	PASS
11AC80MIMO	Ant1+2	5210	-5.6	<=19.97	PASS
	Ant1+2	5290	4.6	<=19.97	PASS
	Ant1+2	5530	-6.1	<=19.97	PASS
	Ant1+2	5610	0.8	<=19.97	PASS
	Ant1+2	5775	-1.8	<=25.99	PASS

Note1: Antenna Gain: Ant1: 7.00dBi; Ant2: 7.00dBi;

Note2: Directional Gain: 10.01dBi

Ant1 power: Ant 1 conducted power + duty cycle factor.

Ant2 power: Ant 2 conducted power + duty cycle factor.

MIMO power: Ant 1 conducted power + duty cycle factor + Ant 2 conducted power + duty cycle factor.

The Duty Cycle Factor is compensated in the test result.

Limit= Limit in 15.407- (Ant1/Ant2 Gain or Directional Gain-6)



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10.5 Appendix C: Maximum power spectral density

10.5.1 Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-0.1	<=10.00	PASS
	Ant2	5180	-1.08	<=10.00	PASS
	Ant1	5200	-1.3	<=10.00	PASS
	Ant2	5200	-2.25	<=10.00	PASS
	Ant1	5240	0.59	<=10.00	PASS
	Ant2	5240	-0.18	<=10.00	PASS
	Ant1	5260	0.67	<=10.00	PASS
	Ant2	5260	0.02	<=10.00	PASS
	Ant1	5280	1.07	<=10.00	PASS
	Ant2	5280	-0.11	<=10.00	PASS
	Ant1	5320	-0.99	<=10.00	PASS
	Ant2	5320	-0.73	<=10.00	PASS
	Ant1	5500	-1.34	<=10.00	PASS
	Ant2	5500	-1.64	<=10.00	PASS
	Ant1	5580	-0.11	<=10.00	PASS
	Ant2	5580	-1.14	<=10.00	PASS
	Ant1	5700	-1.26	<=10.00	PASS
	Ant2	5700	-0.89	<=10.00	PASS
	Ant1	5745	-6.05	<=29.00	PASS
	Ant2	5745	-5.5	<=29.00	PASS
Ant1	5785	-7.14	<=29.00	PASS	
Ant2	5785	-5.78	<=29.00	PASS	
Ant1	5825	-6.63	<=29.00	PASS	
Ant2	5825	-4.85	<=29.00	PASS	
11N20MIMO	Ant1+2	5180	1.43	<=6.99	PASS
	Ant1+2	5200	1.60	<=6.99	PASS
	Ant1+2	5240	3.52	<=6.99	PASS
	Ant1+2	5260	3.57	<=6.99	PASS
	Ant1+2	5280	3.58	<=6.99	PASS
	Ant1+2	5320	2.73	<=6.99	PASS
	Ant1+2	5500	0.56	<=6.99	PASS
	Ant1+2	5580	1.31	<=6.99	PASS
	Ant1+2	5700	1.97	<=6.99	PASS
	Ant1+2	5745	-2.67	<=25.99	PASS
	Ant1+2	5785	-3.77	<=25.99	PASS
Ant1+2	5825	1.14	<=25.99	PASS	
11N40MIMO	Ant1+2	5190	-7.25	<=6.99	PASS
	Ant1+2	5230	-3.01	<=6.99	PASS
	Ant1+2	5270	-2.67	<=6.99	PASS
	Ant1+2	5310	-5.99	<=6.99	PASS



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	Ant1+2	5510	-6.22	<=6.99	PASS
	Ant1+2	5550	-6.17	<=6.99	PASS
	Ant1+2	5670	-5.67	<=6.99	PASS
	Ant1+2	5755	-16.01	<=25.99	PASS
	Ant1+2	5795	-11.35	<=25.99	PASS
11AC20MIMO	Ant1+2	5180	1.25	<=6.99	PASS
	Ant1+2	5200	1.62	<=6.99	PASS
	Ant1+2	5240	3.21	<=6.99	PASS
	Ant1+2	5260	3.79	<=6.99	PASS
	Ant1+2	5280	3.84	<=6.99	PASS
	Ant1+2	5320	2.56	<=6.99	PASS
	Ant1+2	5500	0.27	<=6.99	PASS
	Ant1+2	5580	1.48	<=6.99	PASS
	Ant1+2	5700	1.77	<=6.99	PASS
	Ant1+2	5745	-2.82	<=25.99	PASS
	Ant1+2	5785	-4.10	<=25.99	PASS
Ant1+2	5825	-3.27	<=25.99	PASS	
11AC40MIMO	Ant1+2	5190	-4.18	<=6.99	PASS
	Ant1+2	5230	-2.87	<=6.99	PASS
	Ant1+2	5270	-2.34	<=6.99	PASS
	Ant1+2	5310	-3.49	<=6.99	PASS
	Ant1+2	5510	-13.24	<=6.99	PASS
	Ant1+2	5550	-3.26	<=6.99	PASS
	Ant1+2	5670	-6.32	<=6.99	PASS
	Ant1+2	5755	-10.09	<=25.99	PASS
11AC80MIMO	Ant1+2	5795	-11.69	<=25.99	PASS
	Ant1+2	5210	-15.67	<=6.99	PASS
	Ant1+2	5290	-5.06	<=6.99	PASS
	Ant1+2	5530	-15.95	<=6.99	PASS
	Ant1+2	5610	-9.70	<=6.99	PASS
	Ant1+2	5775	-13.88	<=25.99	PASS

Note1: Antenna Gain: Ant1: 7.00dBi; Ant2: 7.00dBi;

Note2: Directional Gain: 10.01dBi

Ant1 PSD: Ant 1 PSD + duty cycle factor.

Ant2 PSD: Ant 2 PSD + duty cycle factor.

MIMO PSD: Ant 1 PSD + duty cycle factor + Ant 2 PSD + duty cycle factor.

The Duty Cycle Factor is compensated in the test result.

Limit= Limit in 15.407- (Ant1/Ant2 Gain or Directional Gain-6)

Note3. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.



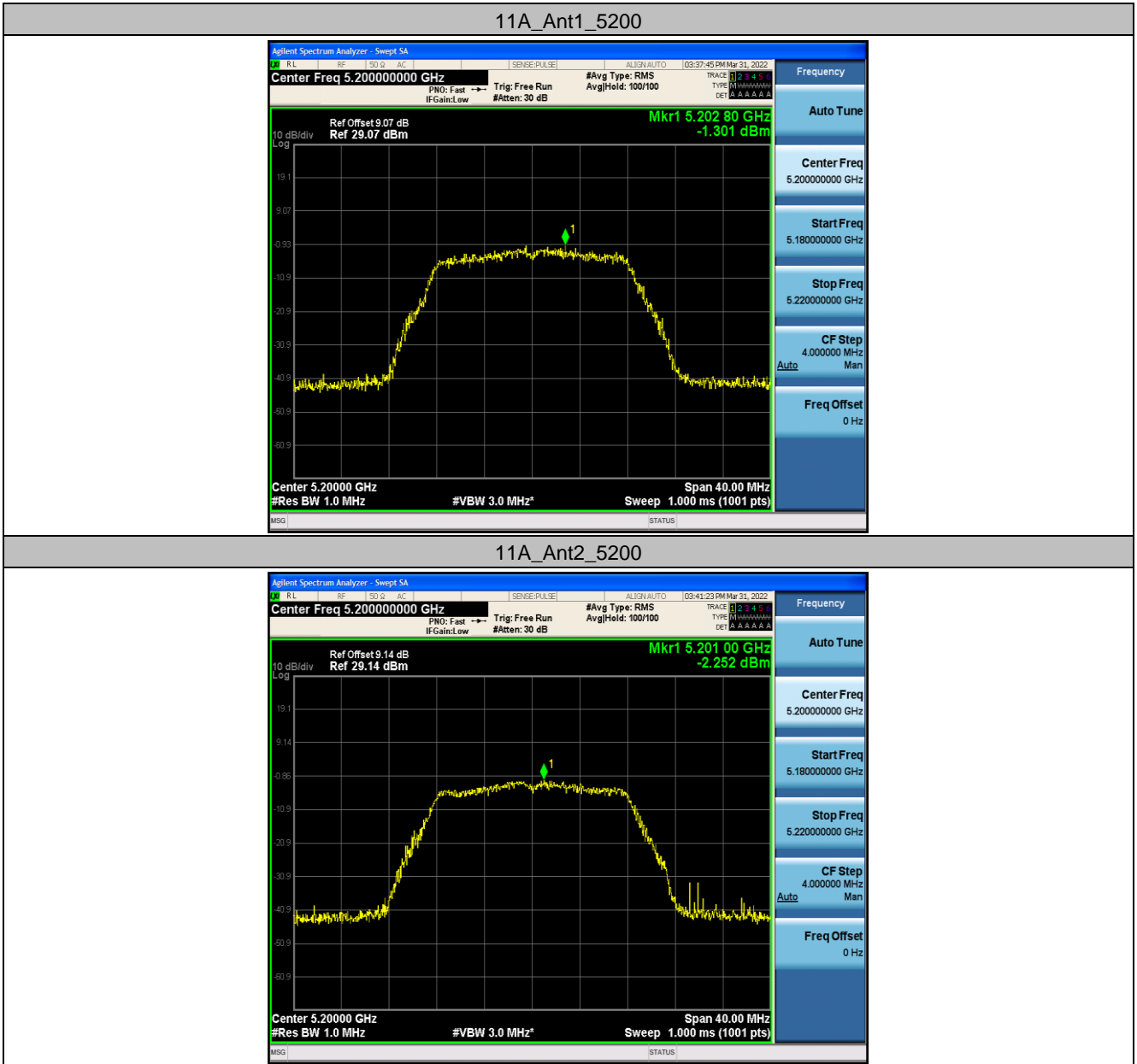
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10.5.2 Test Graphs



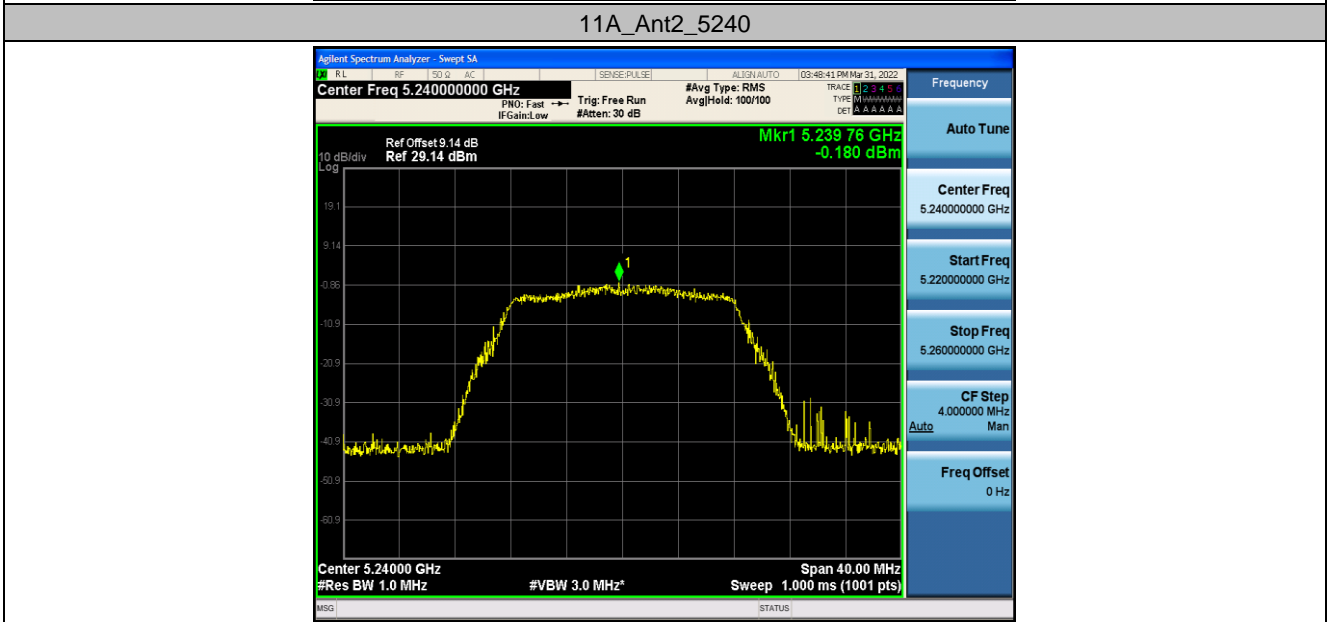
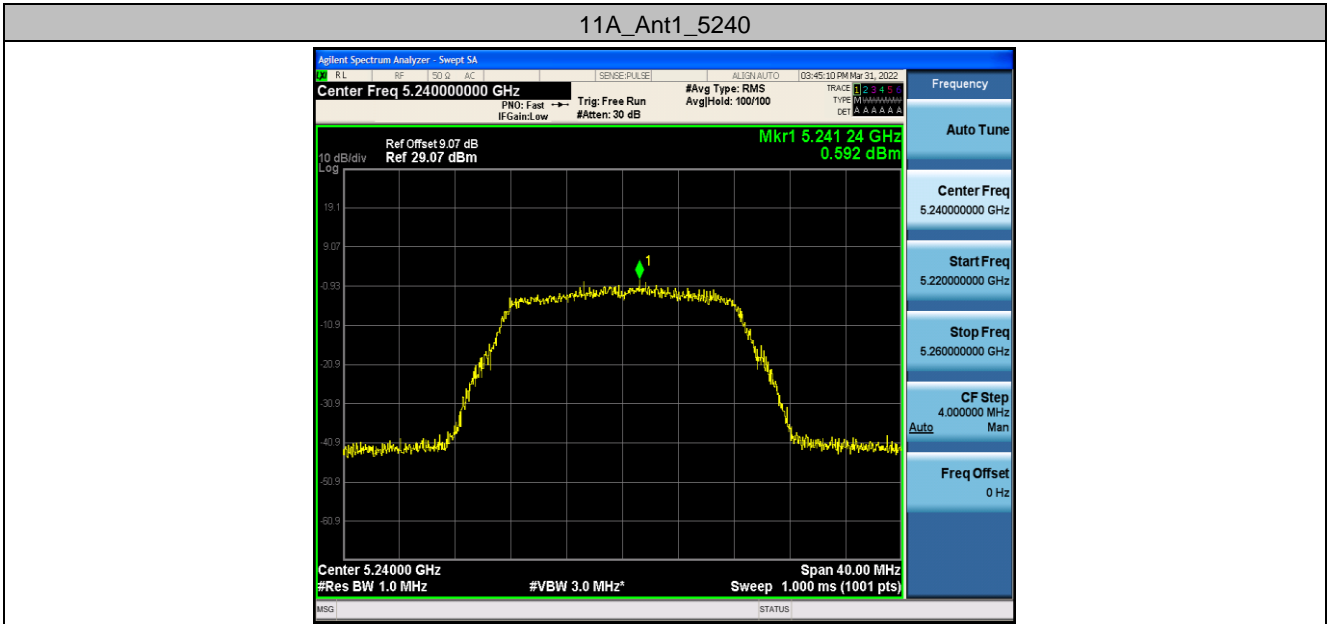
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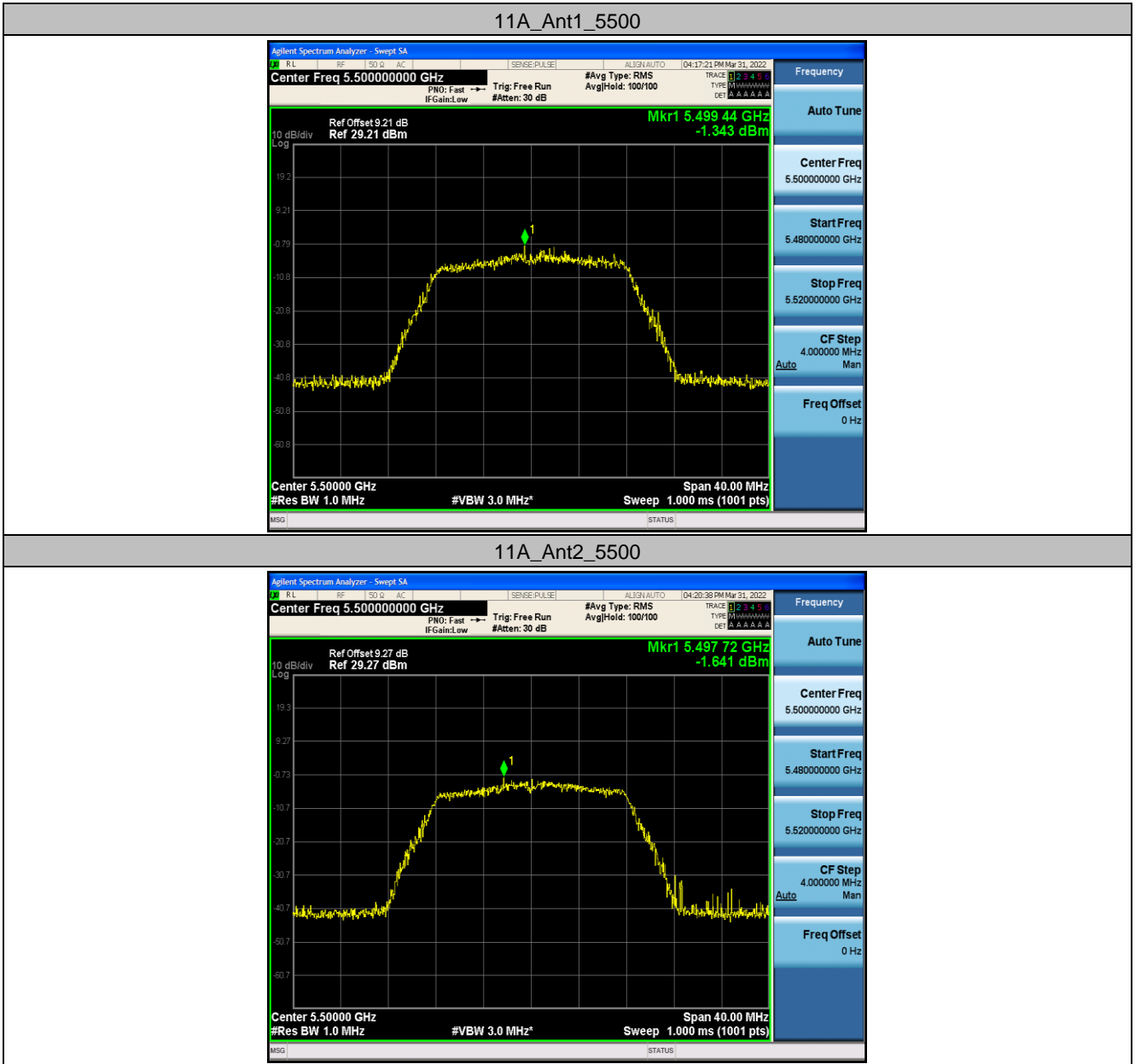
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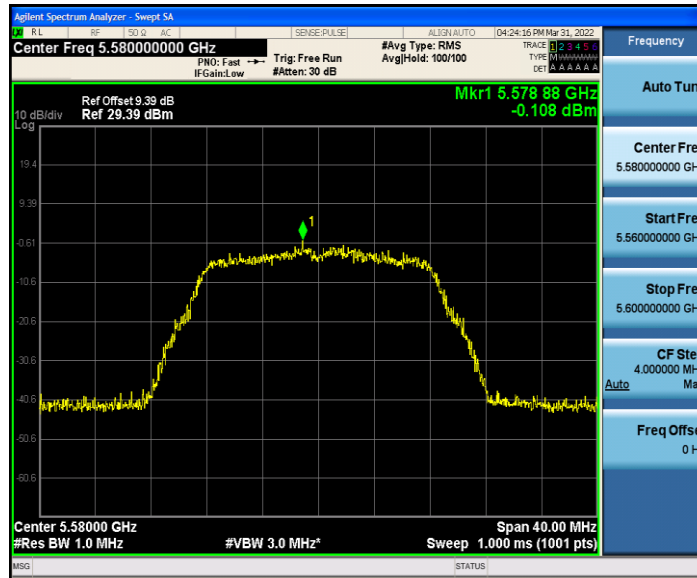


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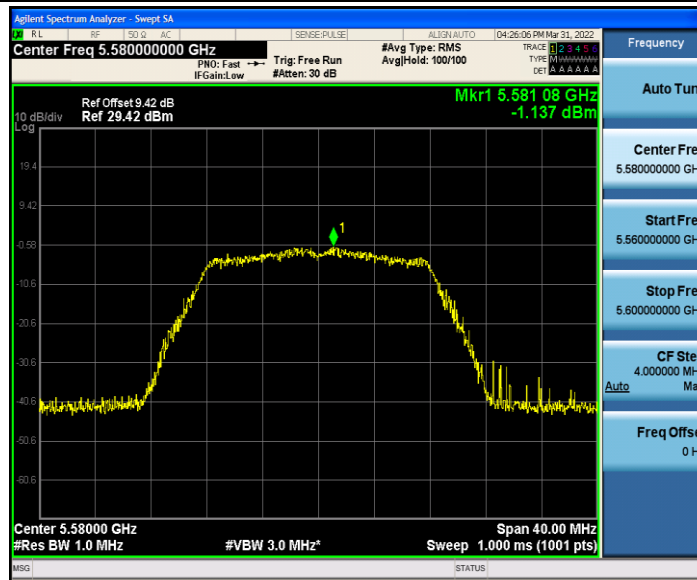
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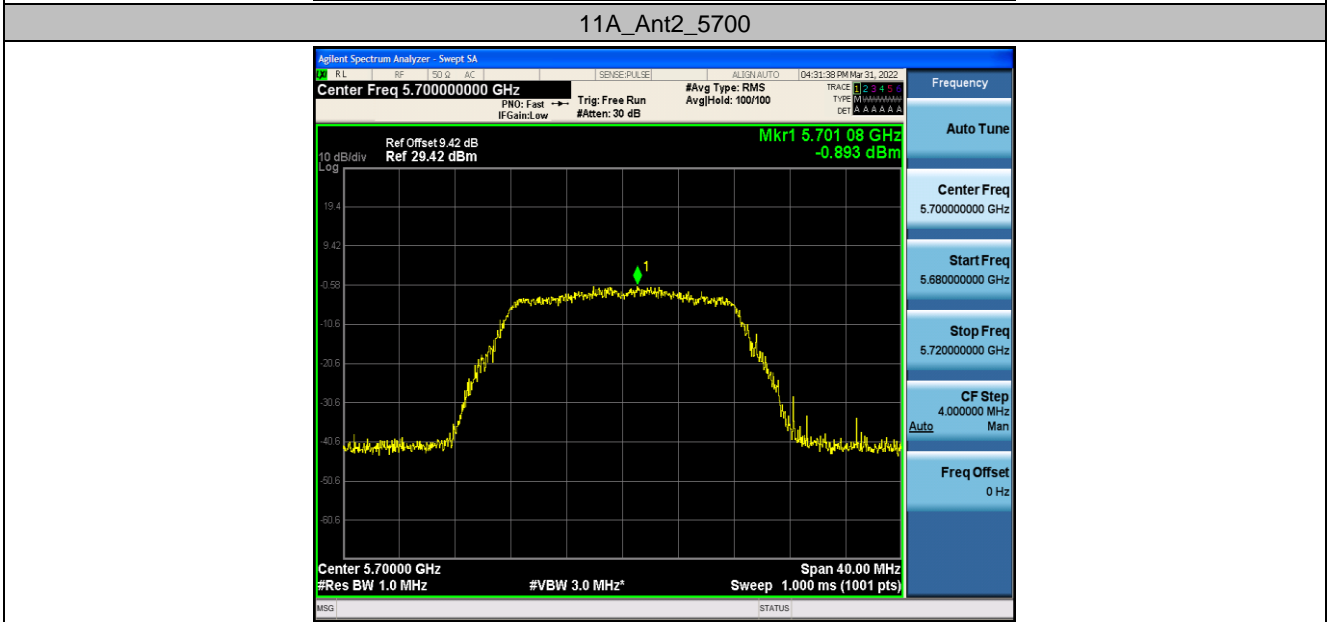
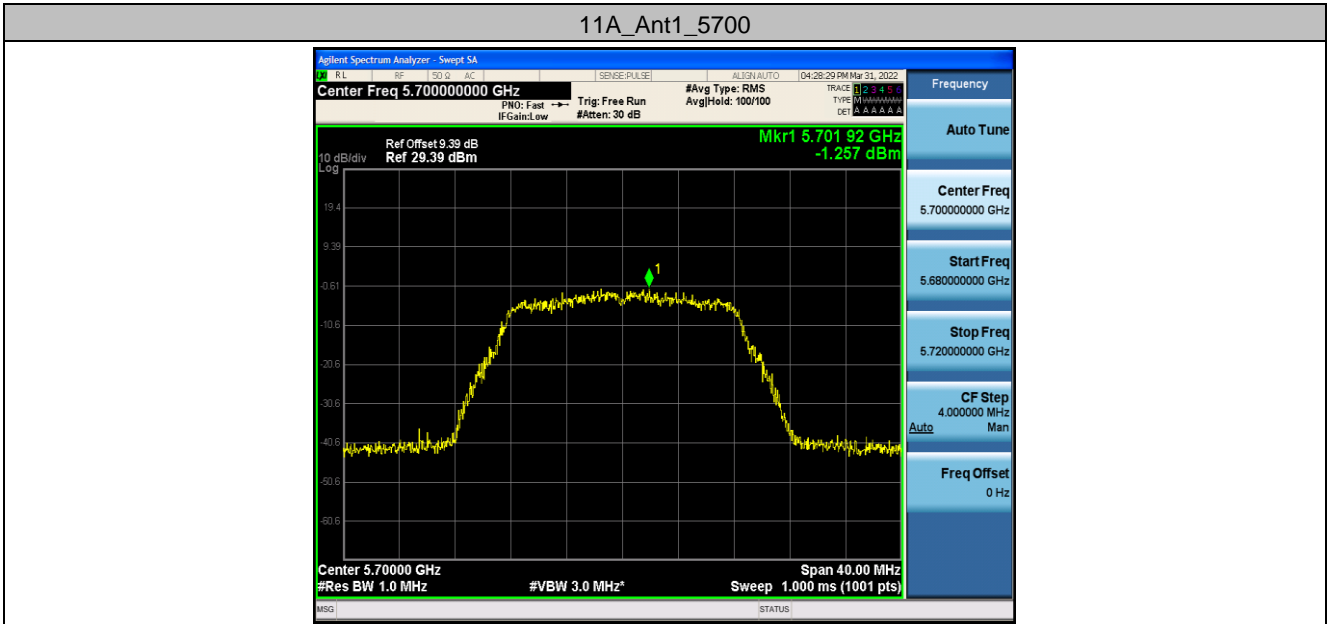
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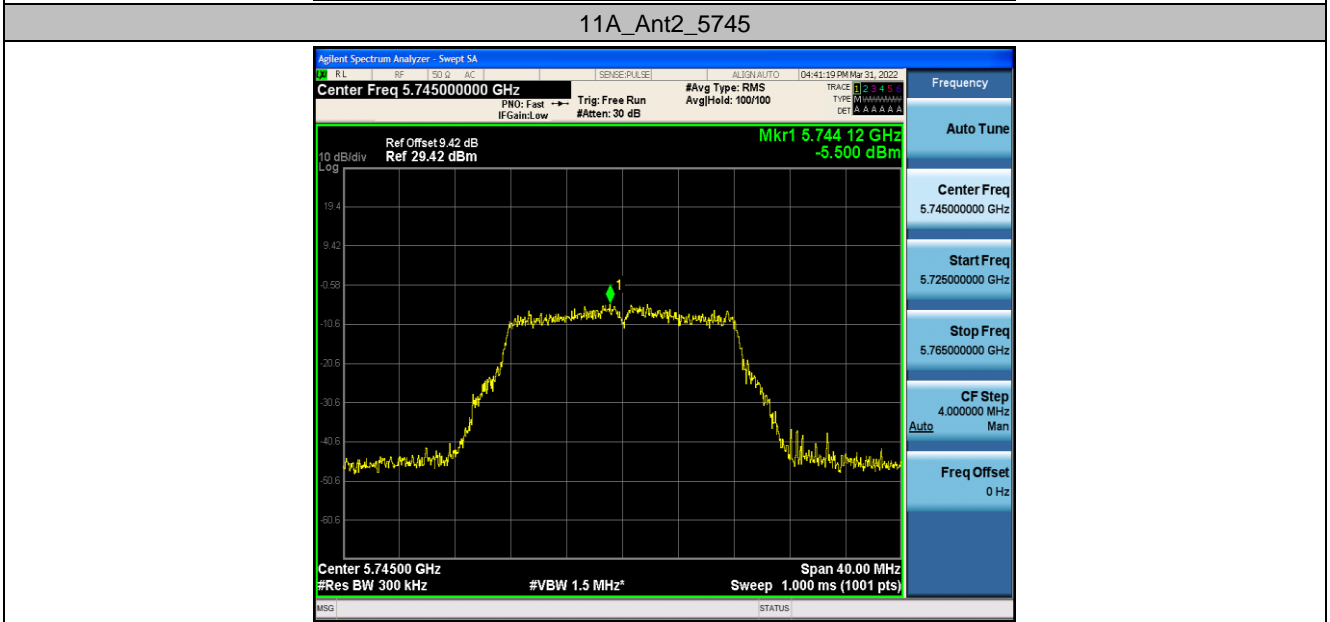
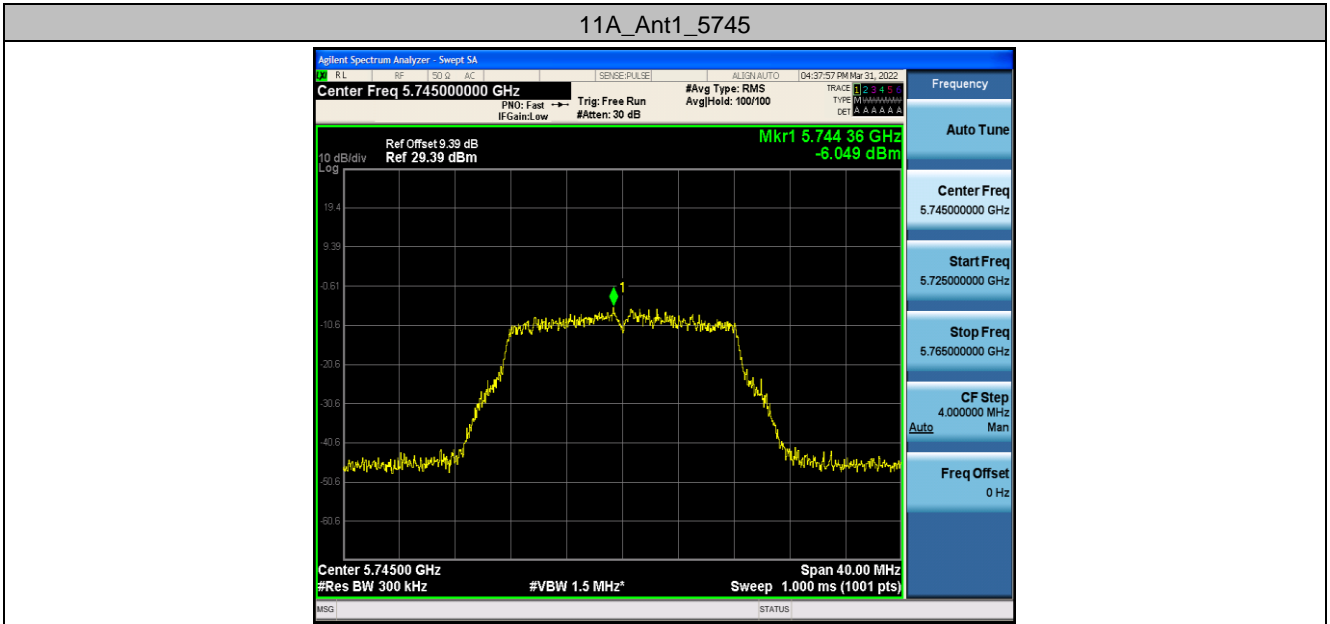
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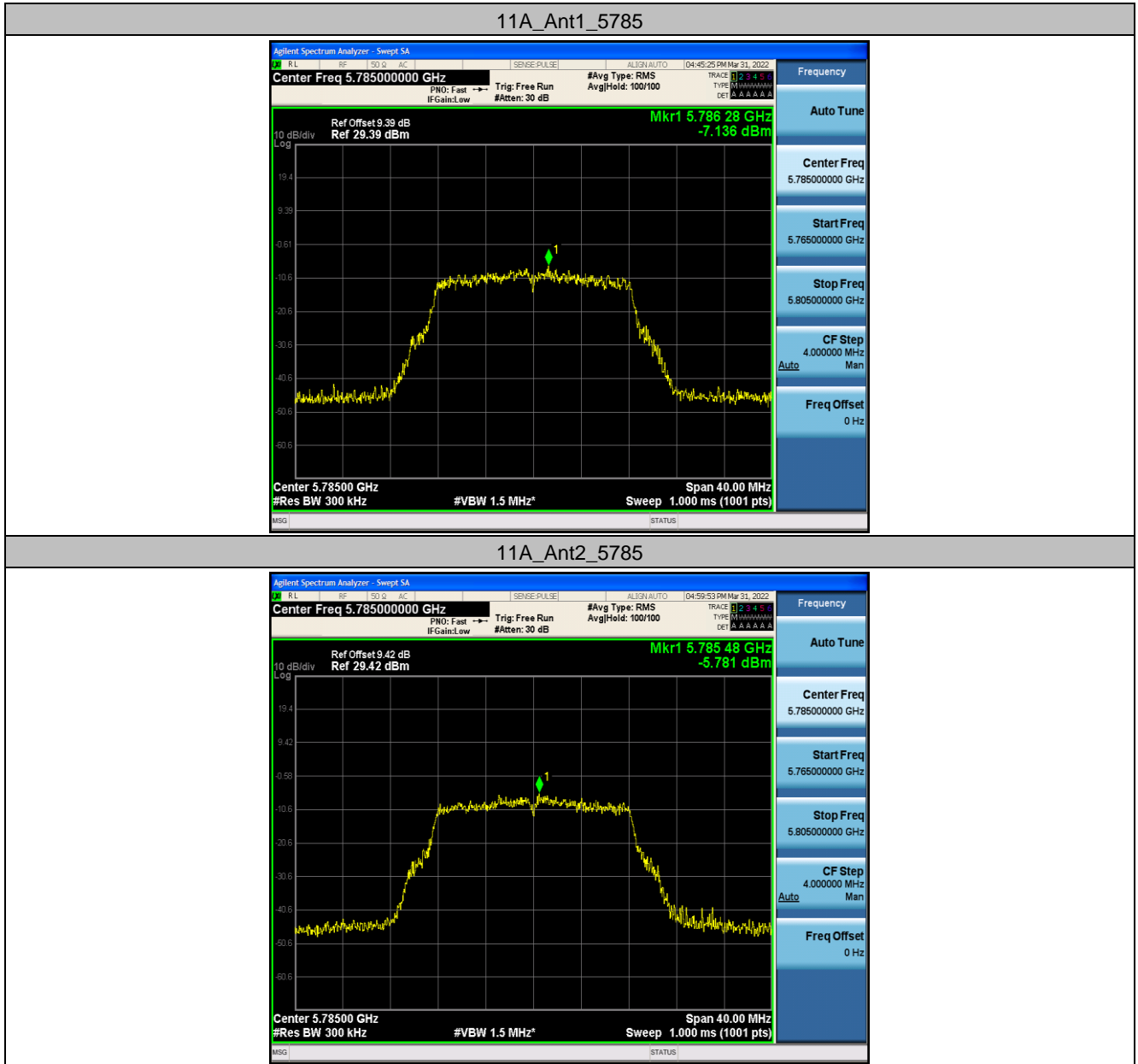
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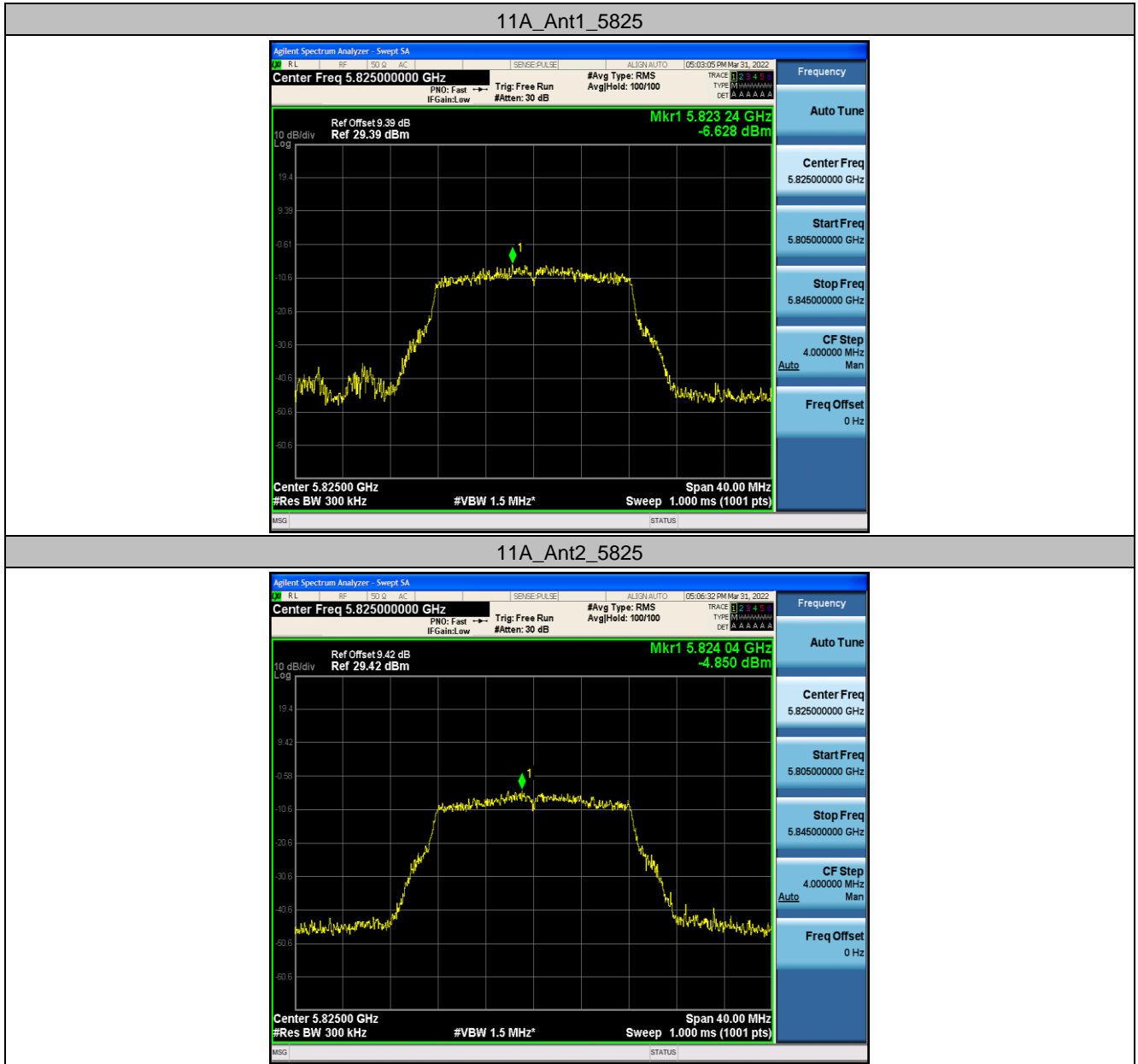
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