

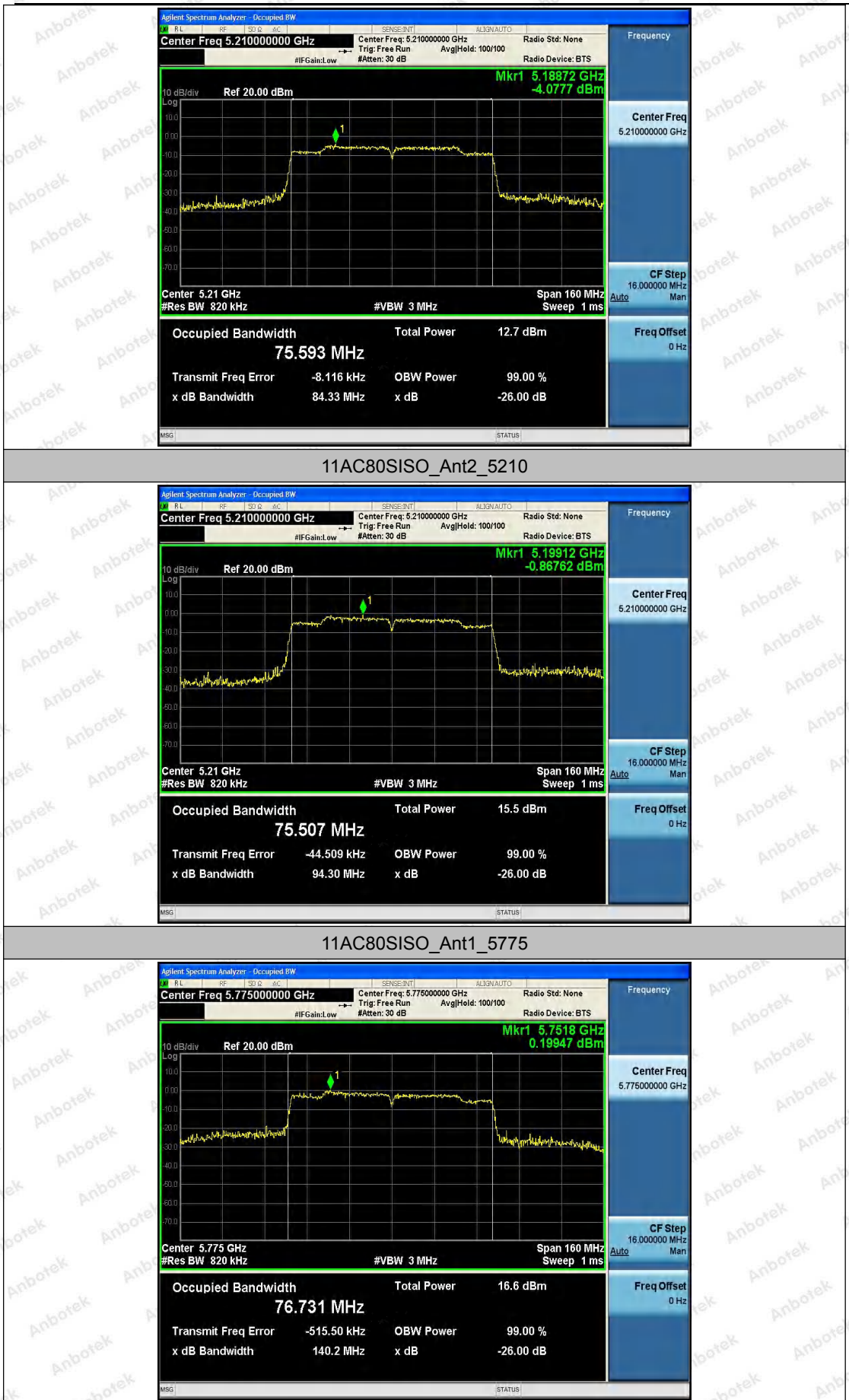
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11AC40SISO_Ant2_5795



11AC80SISO_Ant1_5210

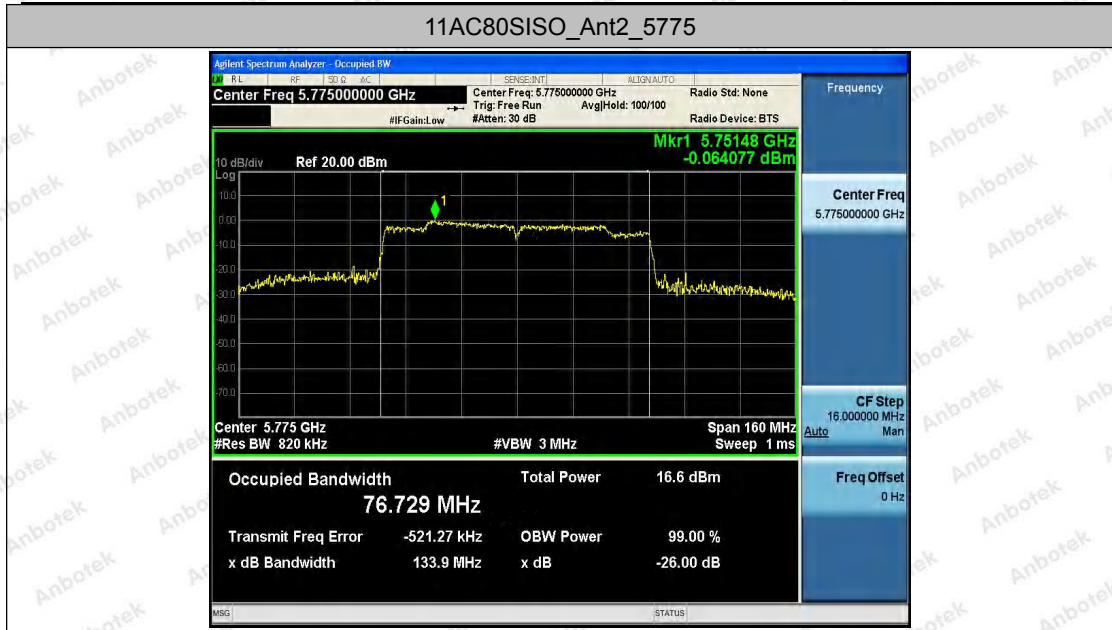


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Appendix A3: Min emission bandwidth

Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	13.240	5737.400	5750.640	0.5	PASS
	Ant2	5745	13.560	5737.080	5750.640	0.5	PASS
	Ant1	5785	15.840	5776.680	5792.520	0.5	PASS
	Ant2	5785	16.360	5776.800	5793.160	0.5	PASS
	Ant1	5825	15.360	5817.400	5832.760	0.5	PASS
	Ant2	5825	15.080	5817.480	5832.560	0.5	PASS
11N20SIS O	Ant1	5745	16.120	5736.400	5752.520	0.5	PASS
	Ant2	5745	15.760	5736.800	5752.560	0.5	PASS
	Ant1	5785	15.440	5777.080	5792.520	0.5	PASS
	Ant2	5785	13.240	5777.400	5790.640	0.5	PASS
	Ant1	5825	15.920	5817.480	5833.400	0.5	PASS
	Ant2	5825	16.840	5816.520	5833.360	0.5	PASS
11N40SIS O	Ant1	5755	33.920	5737.400	5771.320	0.5	PASS
	Ant2	5755	33.920	5737.400	5771.320	0.5	PASS
	Ant1	5795	35.120	5777.480	5812.600	0.5	PASS
	Ant2	5795	35.280	5777.320	5812.600	0.5	PASS
11AC20SI SO	Ant1	5745	16.360	5736.160	5752.520	0.5	PASS
	Ant2	5745	15.040	5737.480	5752.520	0.5	PASS
	Ant1	5785	15.360	5777.480	5792.840	0.5	PASS
	Ant2	5785	15.120	5777.360	5792.480	0.5	PASS
	Ant1	5825	15.360	5817.160	5832.520	0.5	PASS
	Ant2	5825	16.640	5816.760	5833.400	0.5	PASS
11AC40SI SO	Ant1	5755	35.280	5737.320	5772.600	0.5	PASS
	Ant2	5755	32.720	5737.320	5770.040	0.5	PASS
	Ant1	5795	31.520	5778.600	5810.120	0.5	PASS
	Ant2	5795	35.200	5777.320	5812.520	0.5	PASS
11AC80SI SO	Ant1	5775	75.360	5737.240	5812.600	0.5	PASS
	Ant2	5775	75.360	5737.240	5812.600	0.5	PASS

Test Graphs

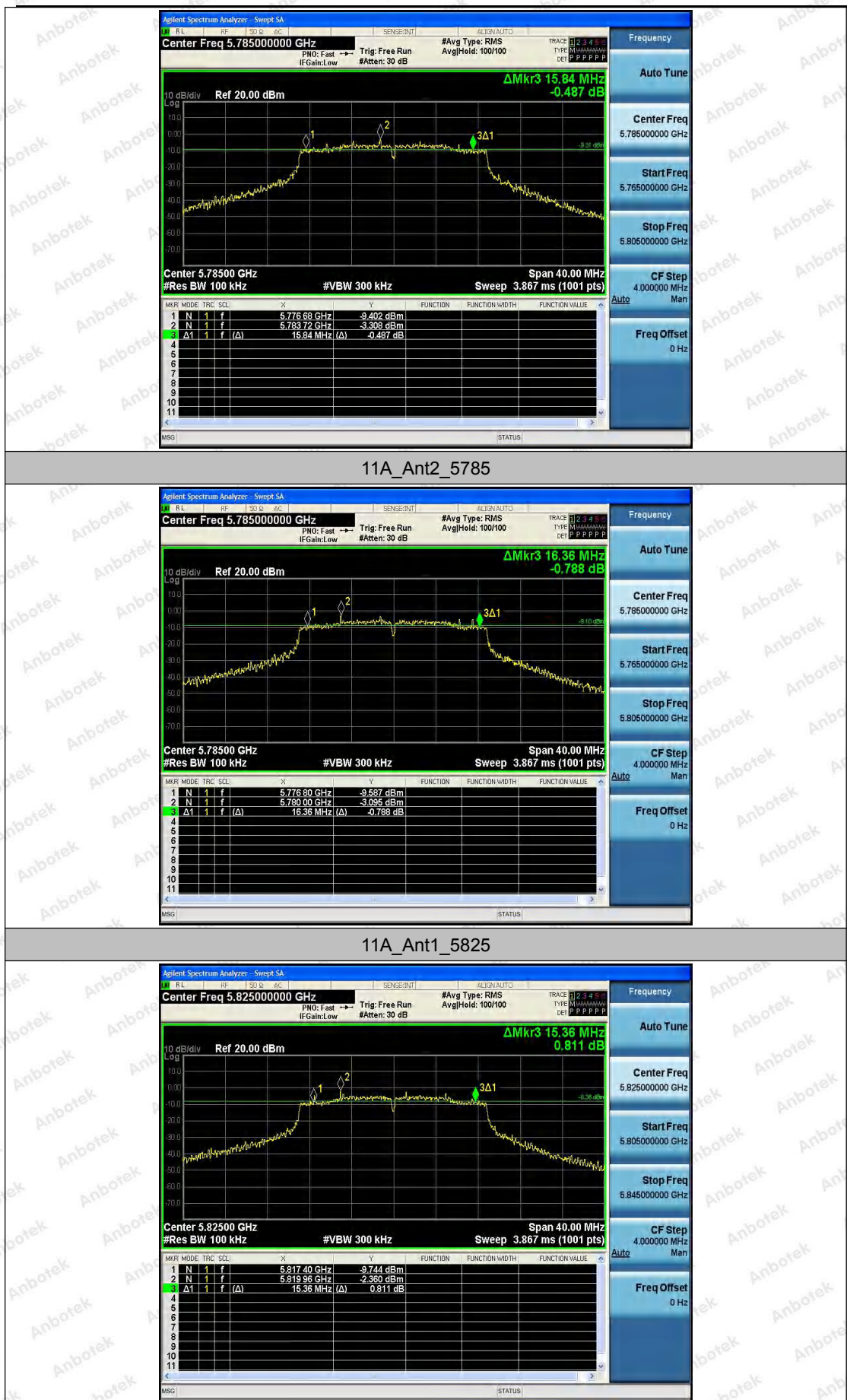


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11A_Ant2_5825



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745

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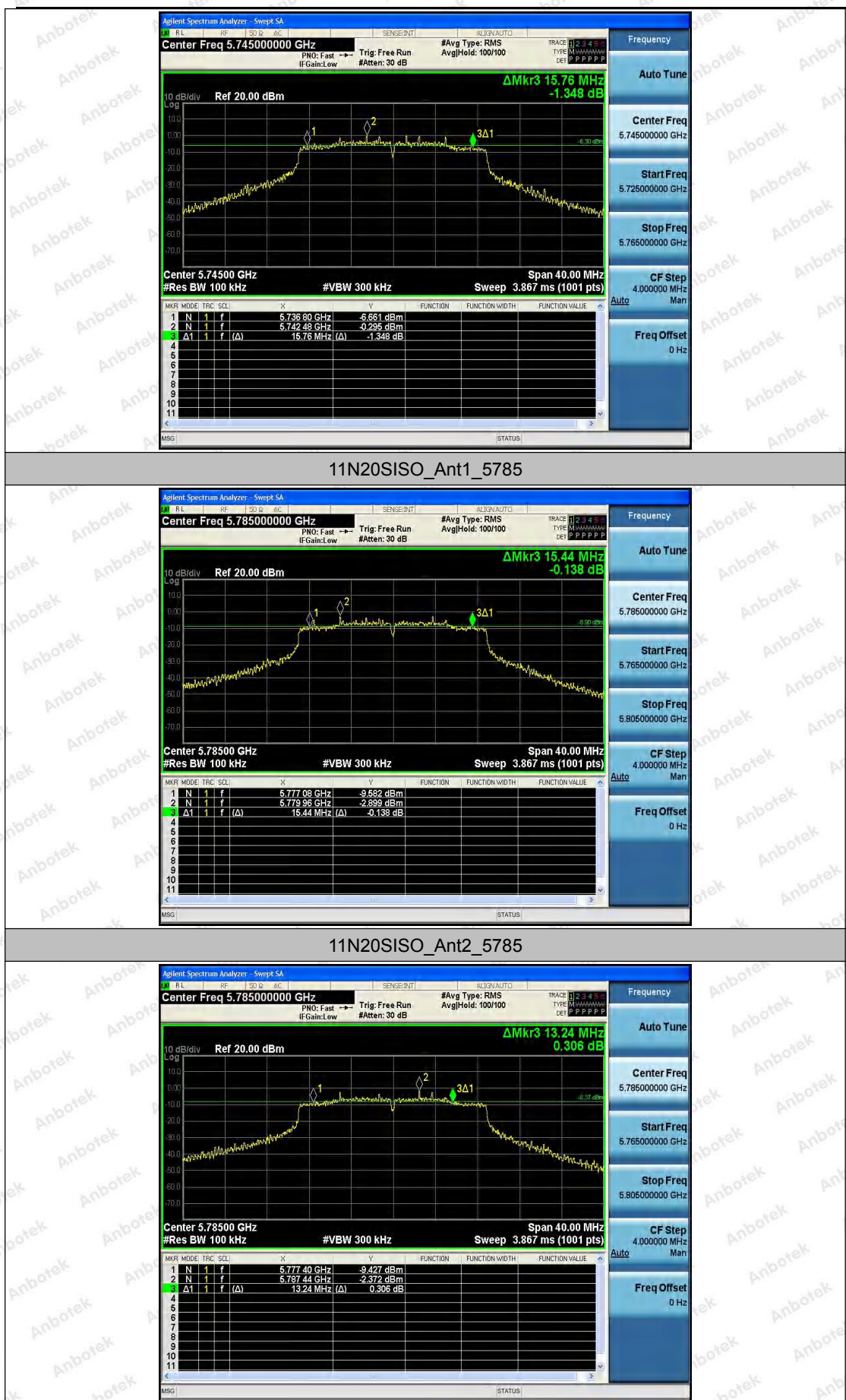
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11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



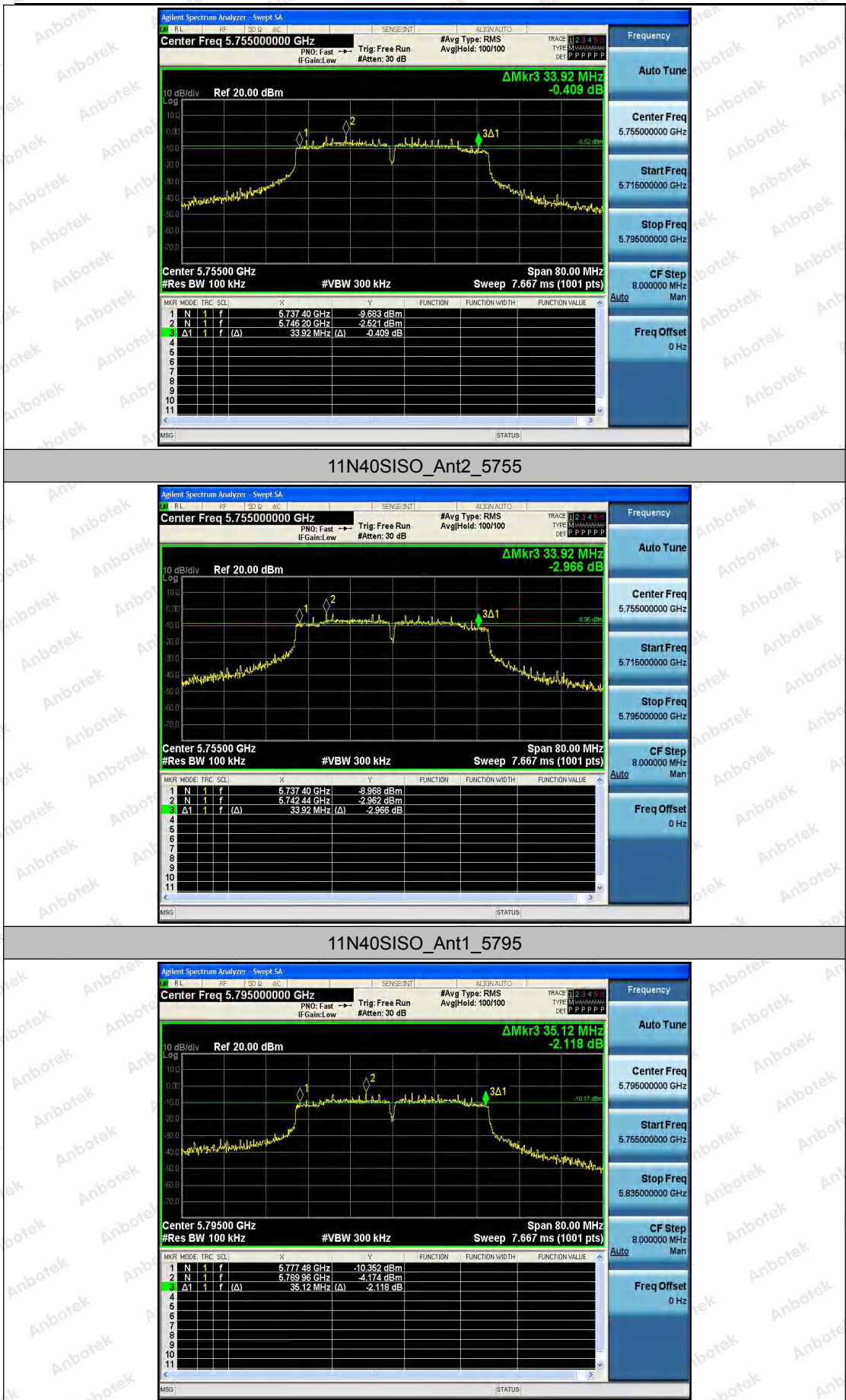
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11N40SISO_Ant2_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



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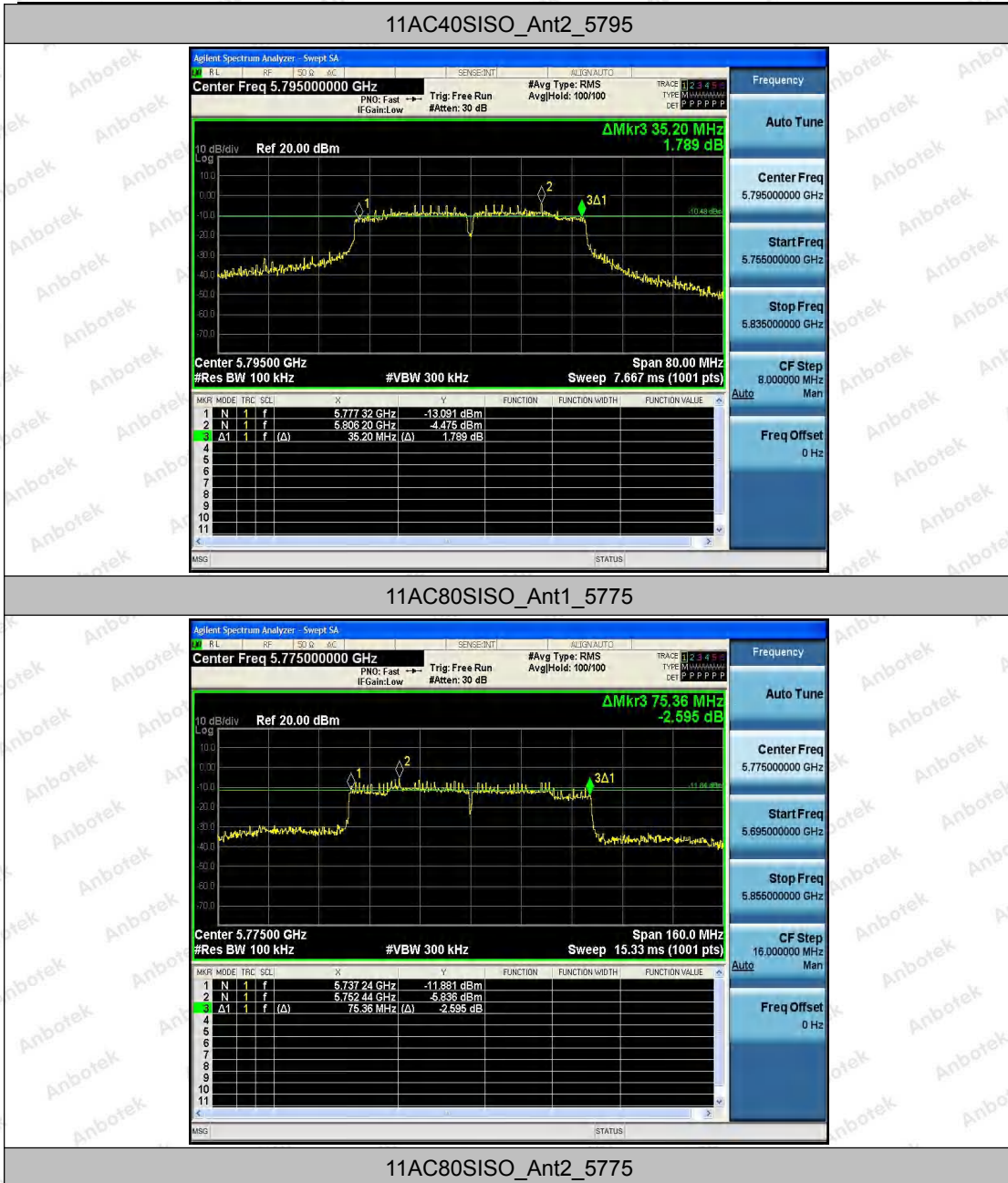
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Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	13.25	≤23.98	PASS
	Ant2	5180	14.36	≤23.98	PASS
	Ant1	5200	13.81	≤23.98	PASS
	Ant2	5200	14.52	≤23.98	PASS
	Ant1	5240	13.84	≤23.98	PASS
	Ant2	5240	14.50	≤23.98	PASS
	Ant1	5745	15.29	≤30	PASS
	Ant2	5745	15.22	≤30	PASS
	Ant1	5785	12.89	≤30	PASS
	Ant2	5785	13.11	≤30	PASS
	Ant1	5825	13.83	≤30	PASS
	Ant2	5825	13.78	≤30	PASS
11N20SISO	Ant1	5180	13.11	≤23.98	PASS
	Ant2	5180	14.21	≤23.98	PASS
	Ant1	5200	13.76	≤23.98	PASS
	Ant2	5200	14.49	≤23.98	PASS
	Ant1	5240	13.77	≤23.98	PASS
	Ant2	5240	14.44	≤23.98	PASS
	Ant1	5745	15.26	≤30	PASS
	Ant2	5745	15.25	≤30	PASS
	Ant1	5785	12.79	≤30	PASS
	Ant2	5785	13.09	≤30	PASS
	Ant1	5825	13.85	≤30	PASS
	Ant2	5825	13.79	≤30	PASS
11N40SISO	Ant1	5190	13.19	≤23.98	PASS
	Ant2	5190	16.20	≤23.98	PASS
	Ant1	5230	15.90	≤23.98	PASS
	Ant2	5230	15.30	≤23.98	PASS
	Ant1	5755	15.45	≤30	PASS
	Ant2	5755	15.42	≤30	PASS
	Ant1	5795	14.21	≤30	PASS
	Ant2	5795	14.11	≤30	PASS
11AC20SISO	Ant1	5180	14.34	≤23.98	PASS
	Ant2	5180	14.83	≤23.98	PASS
	Ant1	5200	14.60	≤23.98	PASS
	Ant2	5200	14.87	≤23.98	PASS
	Ant1	5240	14.52	≤23.98	PASS

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	Ant2	5240	13.95	≤ 23.98	PASS
	Ant1	5745	15.25	≤ 30	PASS
	Ant2	5745	15.23	≤ 30	PASS
	Ant1	5785	12.84	≤ 30	PASS
	Ant2	5785	13.08	≤ 30	PASS
	Ant1	5825	13.92	≤ 30	PASS
	Ant2	5825	13.72	≤ 30	PASS
11AC40SISO	Ant1	5190	13.18	≤ 23.98	PASS
	Ant2	5190	16.36	≤ 23.98	PASS
	Ant1	5230	15.45	≤ 23.98	PASS
	Ant2	5230	15.32	≤ 23.98	PASS
	Ant1	5755	17.98	≤ 30	PASS
	Ant2	5755	12.80	≤ 30	PASS
	Ant1	5795	14.17	≤ 30	PASS
11AC80SISO	Ant2	5795	14.14	≤ 30	PASS
	Ant1	5210	13.72	≤ 23.98	PASS
	Ant2	5210	13.80	≤ 23.98	PASS
	Ant1	5775	14.82	≤ 30	PASS
	Ant2	5775	14.82	≤ 30	PASS

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

MIMO:

5.2G:

Test Mode	Channel	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	5180	16.71	≤ 23.98	PASS
	5200	17.15	≤ 23.98	PASS
	5240	17.13	≤ 23.98	PASS
11N40SISO	5190	17.96	≤ 23.98	PASS
	5230	18.62	≤ 23.98	PASS
11AC20SISO	5180	17.60	≤ 23.98	PASS
	5200	17.75	≤ 23.98	PASS
	5240	17.25	≤ 23.98	PASS
11AC40SISO	5190	18.07	≤ 23.98	PASS
	5230	18.40	≤ 23.98	PASS
11AC80SISO	5210	16.77	≤ 23.98	PASS

5.8G:

Test Mode	Channel	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	5745	18.27	≤30	PASS
	5785	15.95	≤30	PASS
	5825	16.83	≤30	PASS
11N40SISO	5755	18.45	≤30	PASS
	5795	17.17	≤30	PASS
11AC20SISO	5745	18.25	≤30	PASS
	5785	15.97	≤30	PASS
	5825	16.83	≤30	PASS
11AC40SISO	5755	19.13	≤30	PASS
	5795	17.17	≤30	PASS
11AC80SISO	5775	17.83	≤30	PASS

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Appendix C: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.77	≤11	PASS
	Ant2	5180	3.34	≤11	PASS
	Ant1	5200	3.17	≤11	PASS
	Ant2	5200	3.9	≤11	PASS
	Ant1	5240	2.95	≤11	PASS
	Ant2	5240	3.89	≤11	PASS
11N20SISO	Ant1	5180	2.22	≤11	PASS
	Ant2	5180	3.29	≤11	PASS
	Ant1	5200	3.13	≤11	PASS
	Ant2	5200	3.33	≤11	PASS
	Ant1	5240	2.93	≤11	PASS
	Ant2	5240	3.53	≤11	PASS
11N40SISO	Ant1	5190	-0.67	≤11	PASS
	Ant2	5190	1.99	≤11	PASS
	Ant1	5230	1.73	≤11	PASS
	Ant2	5230	4.12	≤11	PASS
11AC20SISO	Ant1	5180	3.45	≤11	PASS
	Ant2	5180	6.59	≤11	PASS
	Ant1	5200	3.78	≤11	PASS
	Ant2	5200	6.59	≤11	PASS
	Ant1	5240	3.62	≤11	PASS
	Ant2	5240	5.88	≤11	PASS
11AC40SISO	Ant1	5190	-0.63	≤11	PASS
	Ant2	5190	2.98	≤11	PASS
	Ant1	5230	0.93	≤11	PASS
	Ant2	5230	3.86	≤11	PASS
11AC80SISO	Ant1	5210	-3.64	≤11	PASS
	Ant2	5210	-0.45	≤11	PASS

5.8G

Test Mode	Antenna	Channel	Result [dBm/500 kHz]	Limit[dBm/500 kHz]	Verdict
11A	Ant1	5745	3.24	≤30	PASS
	Ant2	5745	4.34	≤30	PASS
	Ant1	5785	0.66	≤30	PASS
	Ant2	5785	1	≤30	PASS
	Ant1	5825	1.86	≤30	PASS
	Ant2	5825	1.27	≤30	PASS

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11N20SISO	Ant1	5745	3.7	≤ 30	PASS
	Ant2	5745	3.17	≤ 30	PASS
	Ant1	5785	0.66	≤ 30	PASS
	Ant2	5785	1.04	≤ 30	PASS
	Ant1	5825	2.43	≤ 30	PASS
	Ant2	5825	1.73	≤ 30	PASS
11N40SISO	Ant1	5755	0.43	≤ 30	PASS
	Ant2	5755	-0.15	≤ 30	PASS
	Ant1	5795	-0.88	≤ 30	PASS
	Ant2	5795	-1.56	≤ 30	PASS
11AC20SISO	Ant1	5745	2.99	≤ 30	PASS
	Ant2	5745	3.16	≤ 30	PASS
	Ant1	5785	0.6	≤ 30	PASS
	Ant2	5785	1.1	≤ 30	PASS
	Ant1	5825	1.73	≤ 30	PASS
	Ant2	5825	2.07	≤ 30	PASS
11AC40SISO	Ant1	5755	-0.02	≤ 30	PASS
	Ant2	5755	0.48	≤ 30	PASS
	Ant1	5795	-1.11	≤ 30	PASS
	Ant2	5795	-0.76	≤ 30	PASS
11AC80SISO	Ant1	5775	-3.19	≤ 30	PASS
	Ant2	5775	-3.74	≤ 30	PASS

MIMO:**5.2G:**

Test Mode	Channel	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	5180	5.80	≤ 11	PASS
	5200	6.24	≤ 11	PASS
	5240	6.25	≤ 11	PASS
11N40SISO	5190	3.87	≤ 11	PASS
	5230	6.10	≤ 11	PASS
11AC20SISO	5180	8.31	≤ 11	PASS
	5200	8.42	≤ 11	PASS
	5240	7.91	≤ 11	PASS
11AC40SISO	5190	4.55	≤ 11	PASS
	5230	5.65	≤ 11	PASS
11AC80SISO	5210	1.25	≤ 11	PASS

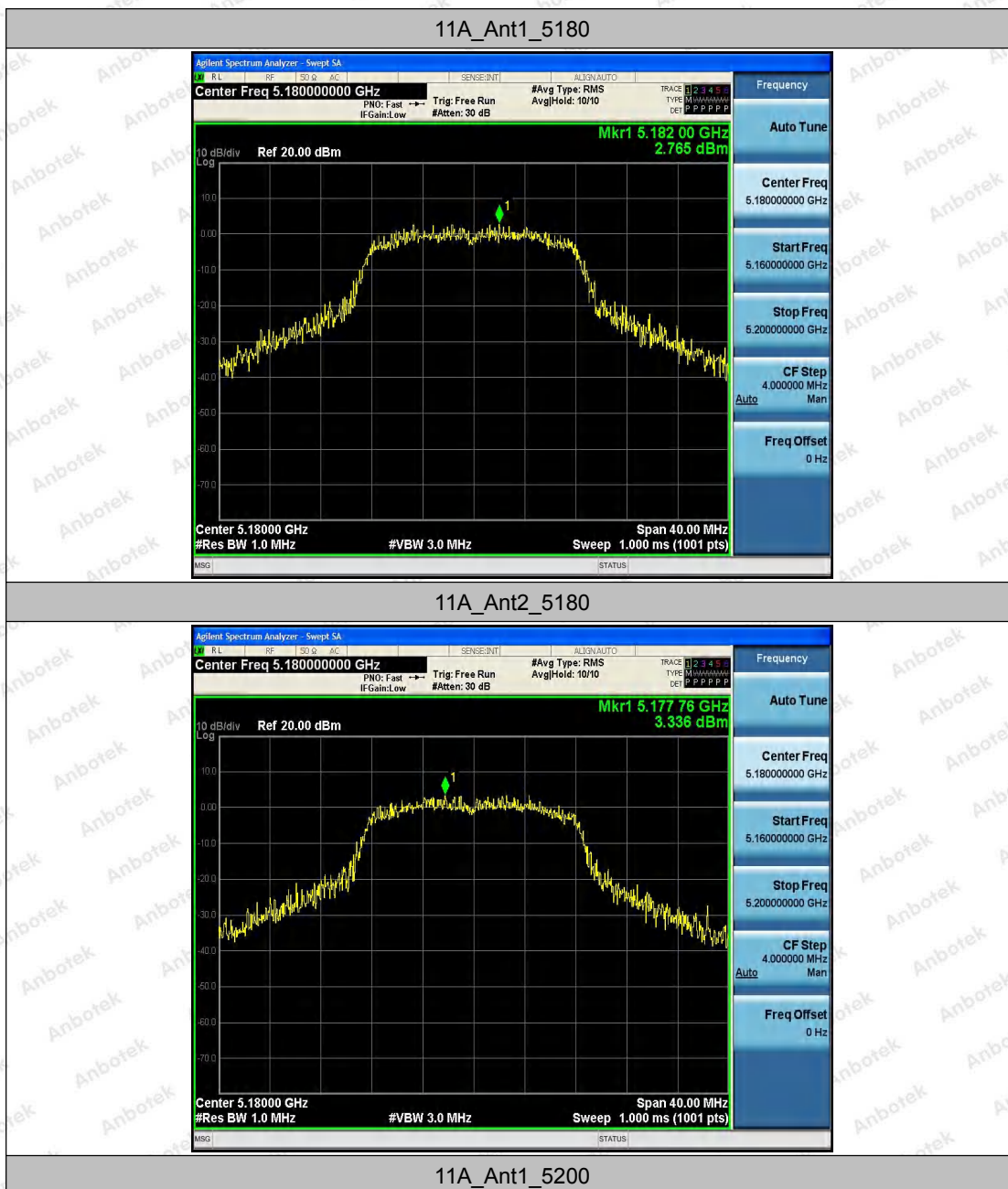
5.8G:

Test Mode	Channel	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	5745	6.45	≤30	PASS
	5785	3.86	≤30	PASS
	5825	5.10	≤30	PASS
11N40SISO	5755	3.16	≤30	PASS
	5795	1.80	≤30	PASS
11AC20SISO	5745	6.09	≤30	PASS
	5785	3.87	≤30	PASS
	5825	4.91	≤30	PASS
11AC40SISO	5755	3.25	≤30	PASS
	5795	2.08	≤30	PASS
11AC80SISO	5775	-0.45	≤30	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

Test Graphs



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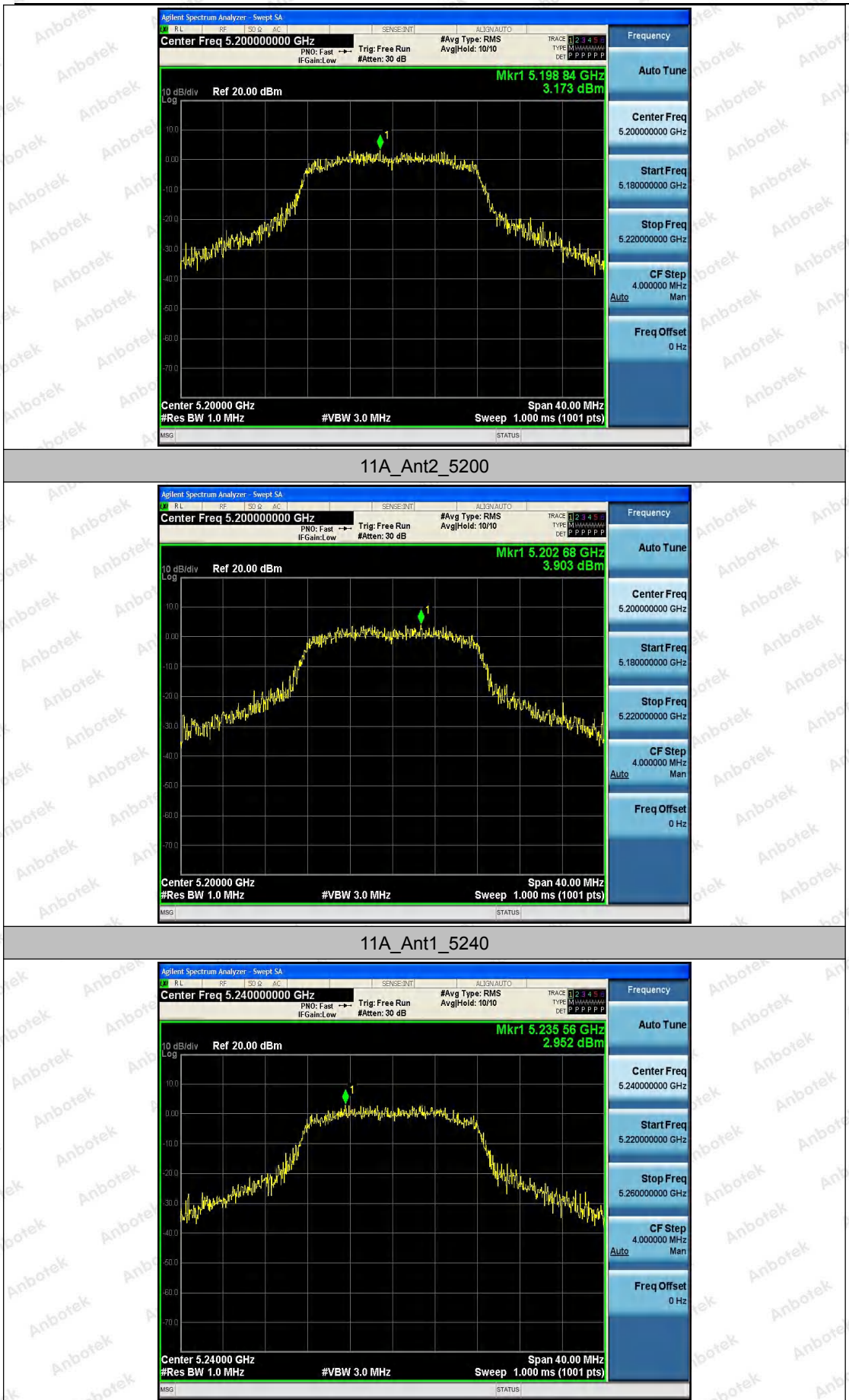
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11A_Ant2_5240



11A_Ant1_5745



11A_Ant2_5745

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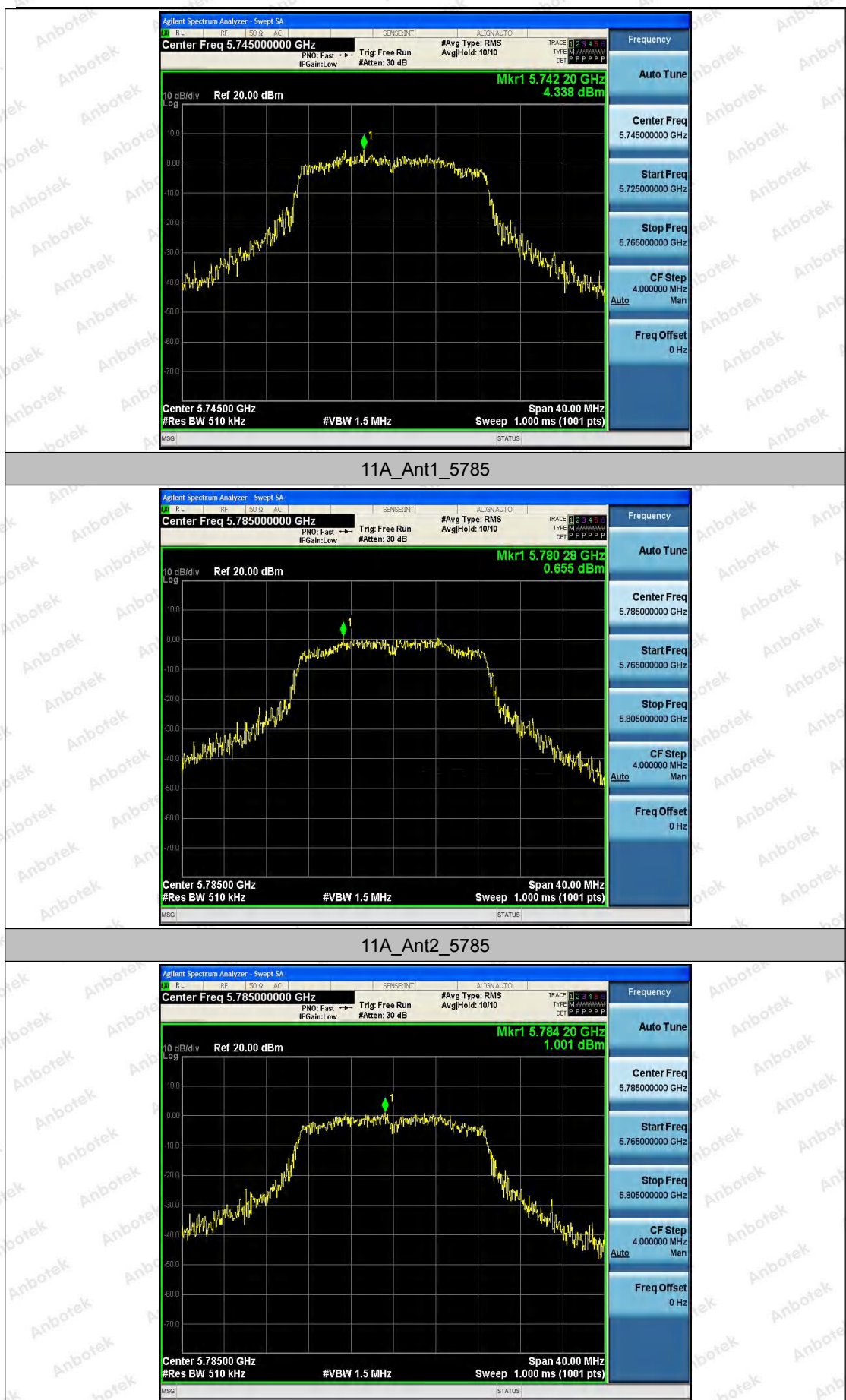
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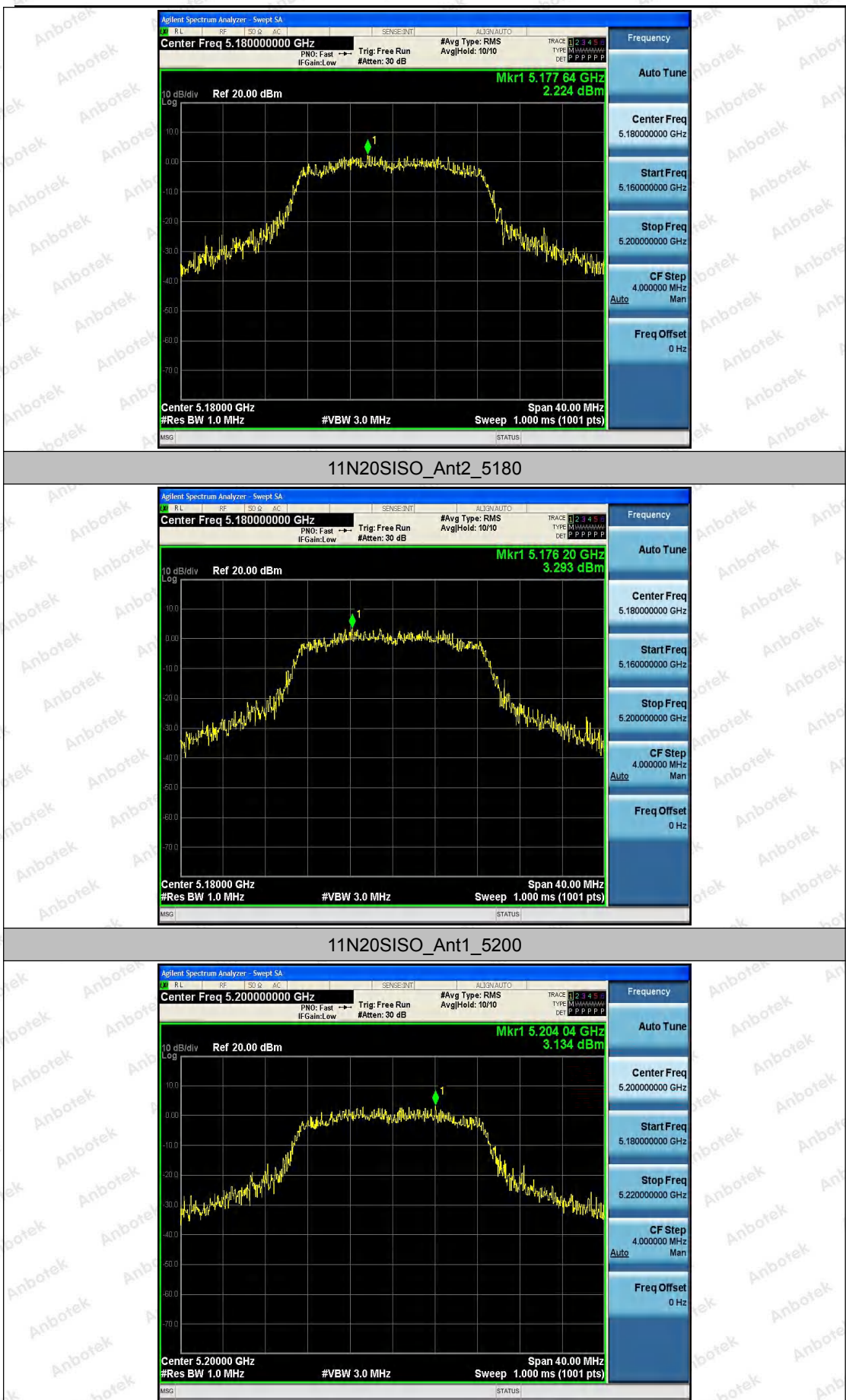
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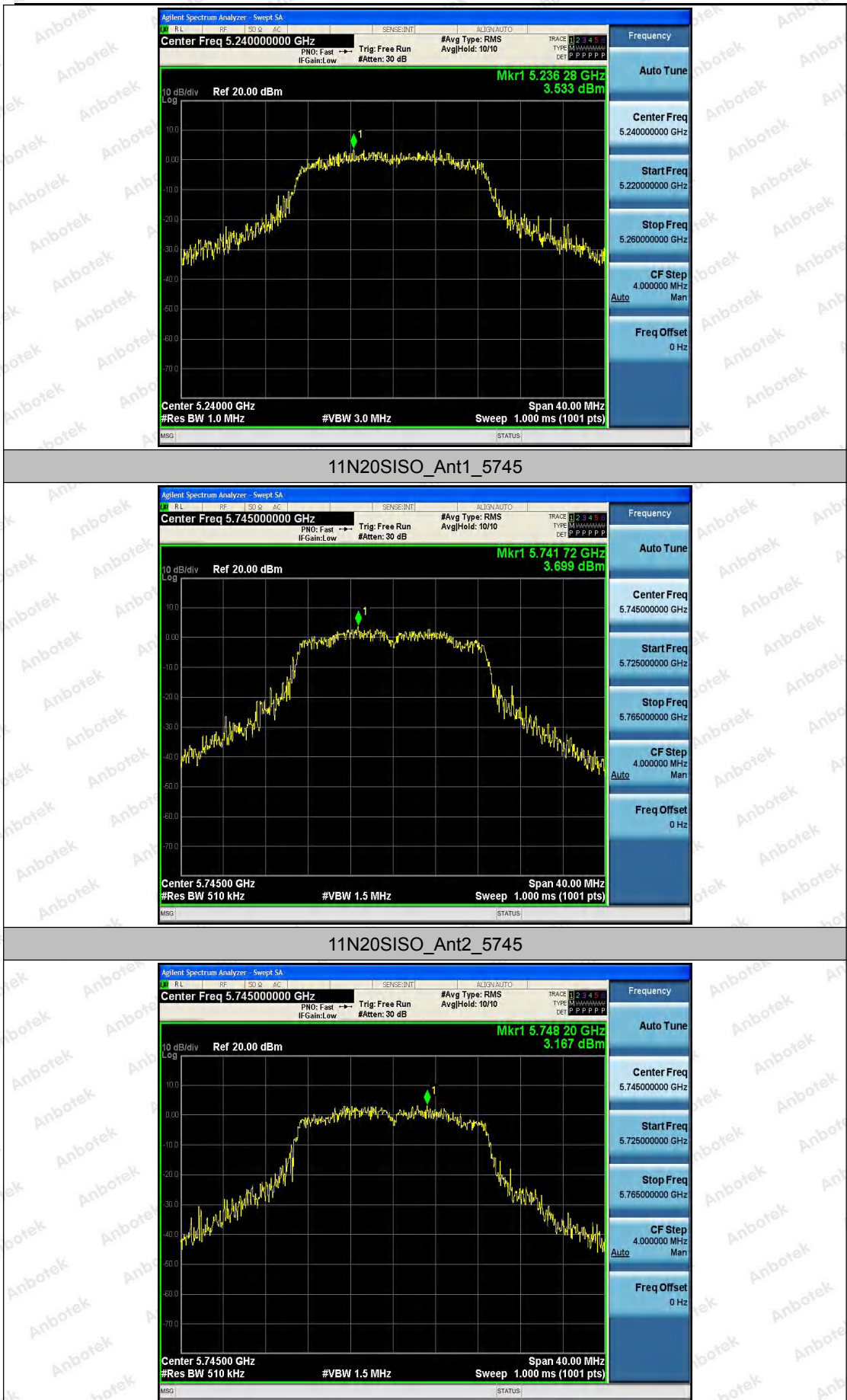
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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



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11N20SISO_Ant1_5785



11N20SISO_Ant2_5785



11N20SISO_Ant1_5825

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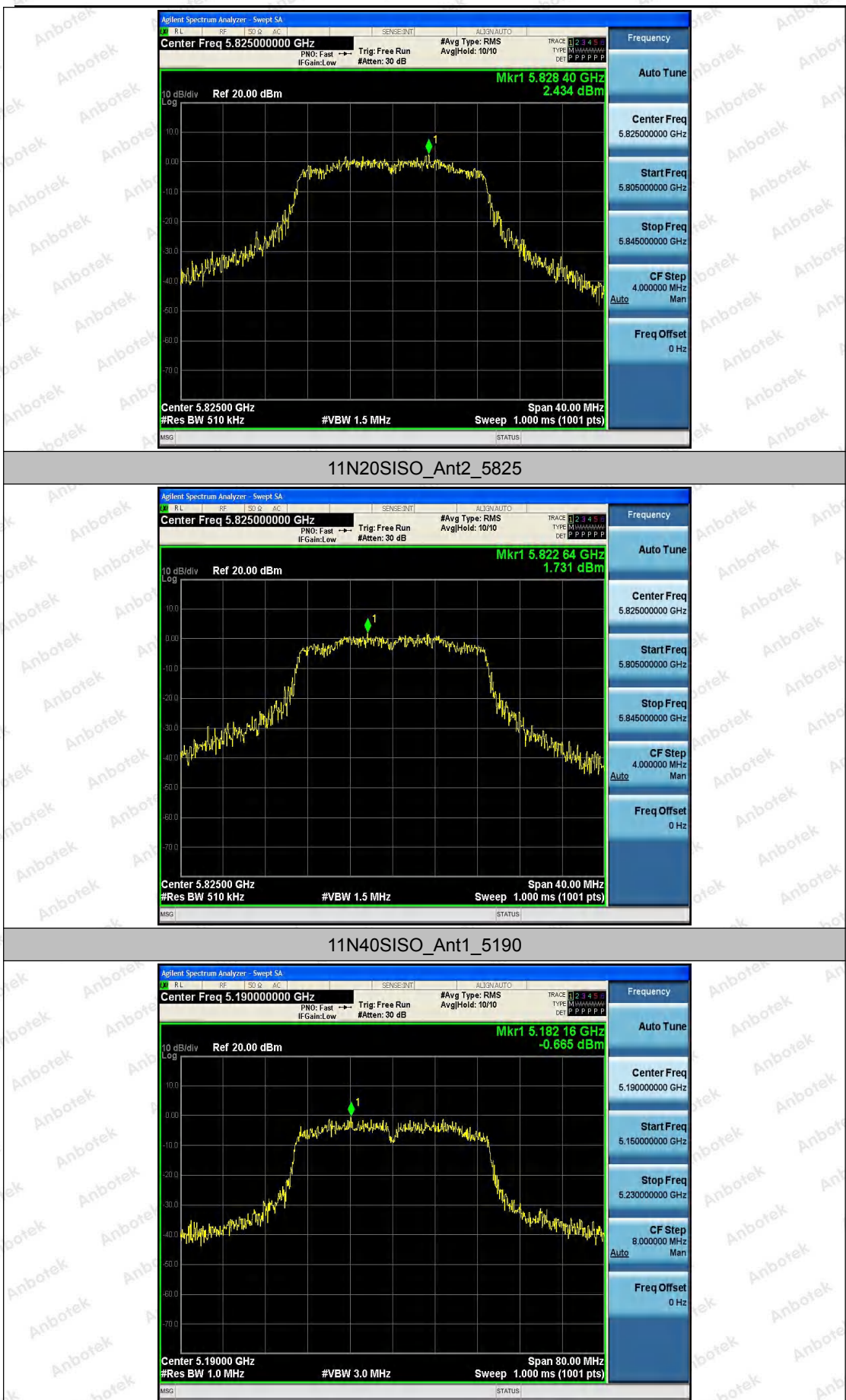
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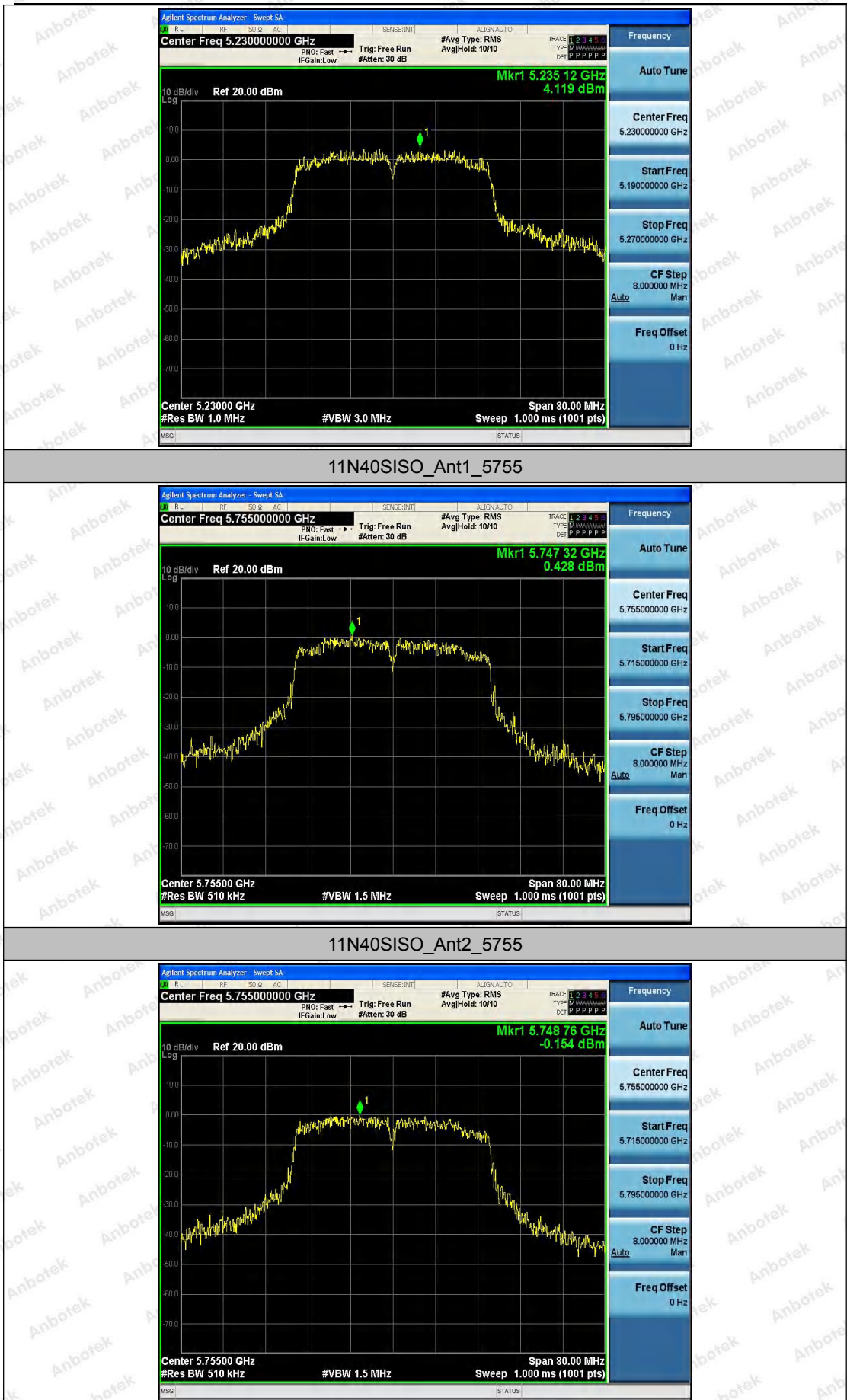
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11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



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11N40SISO_Ant1_5795



11N40SISO_Ant2_5795



11AC20SISO_Ant1_5180

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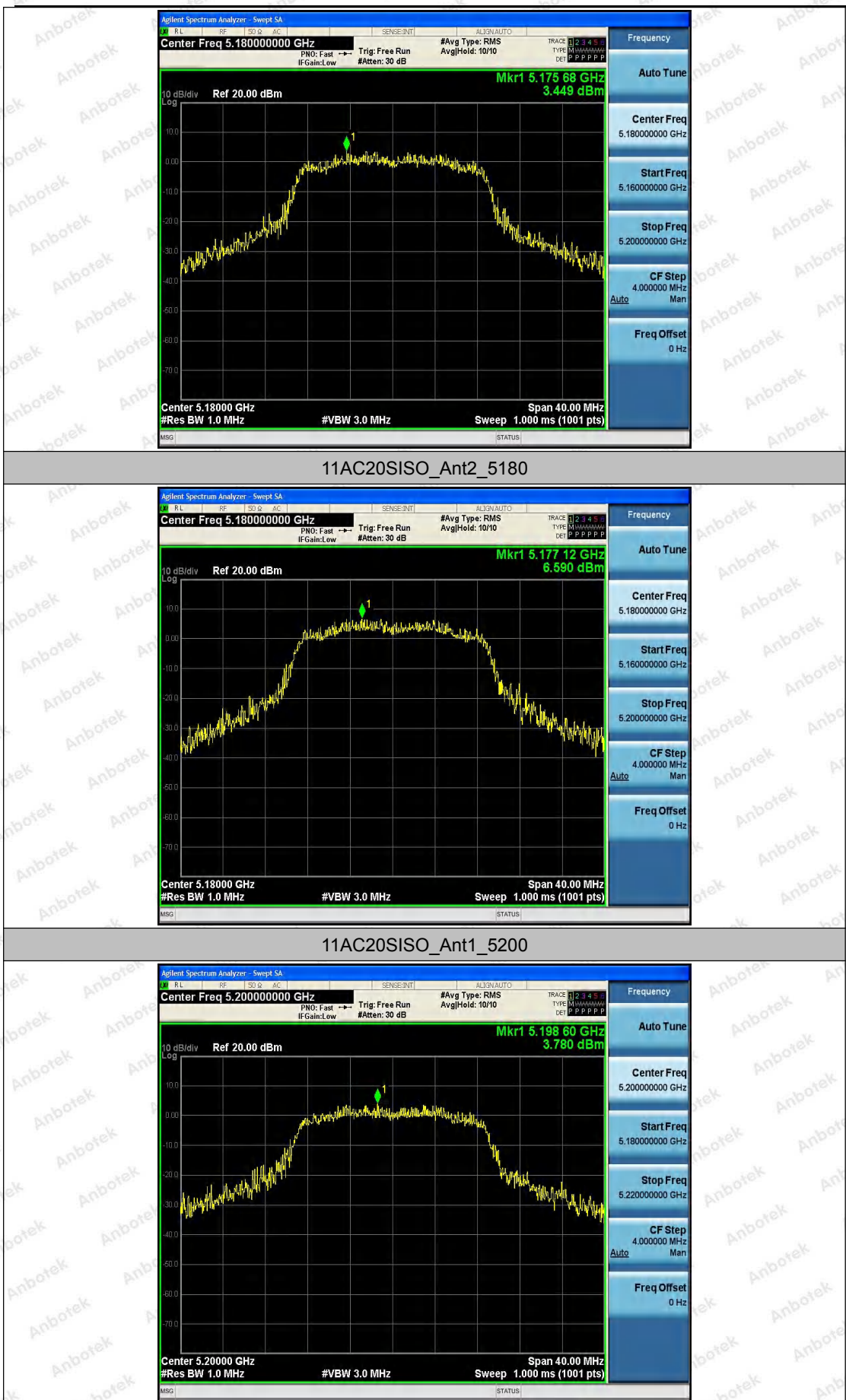
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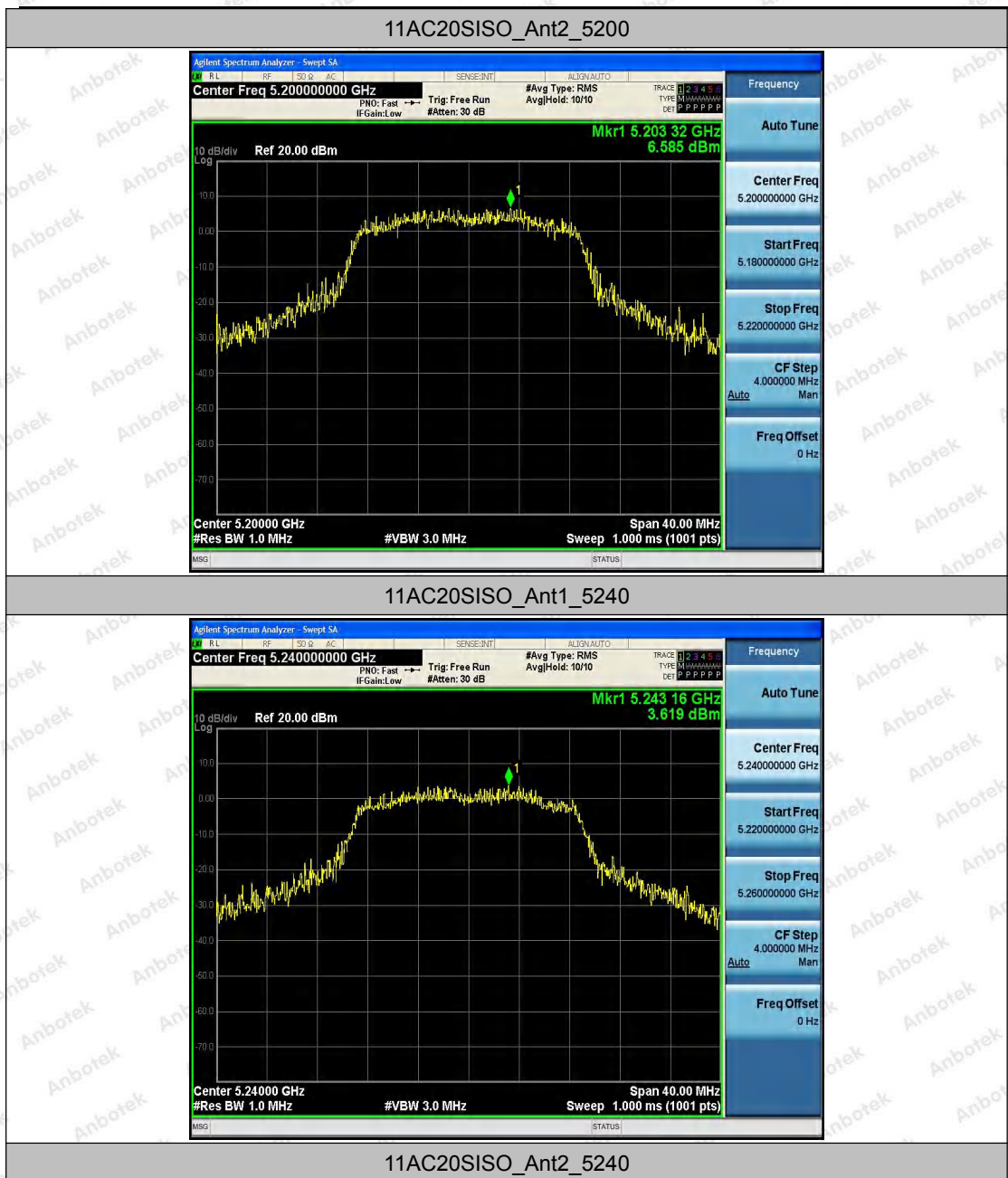
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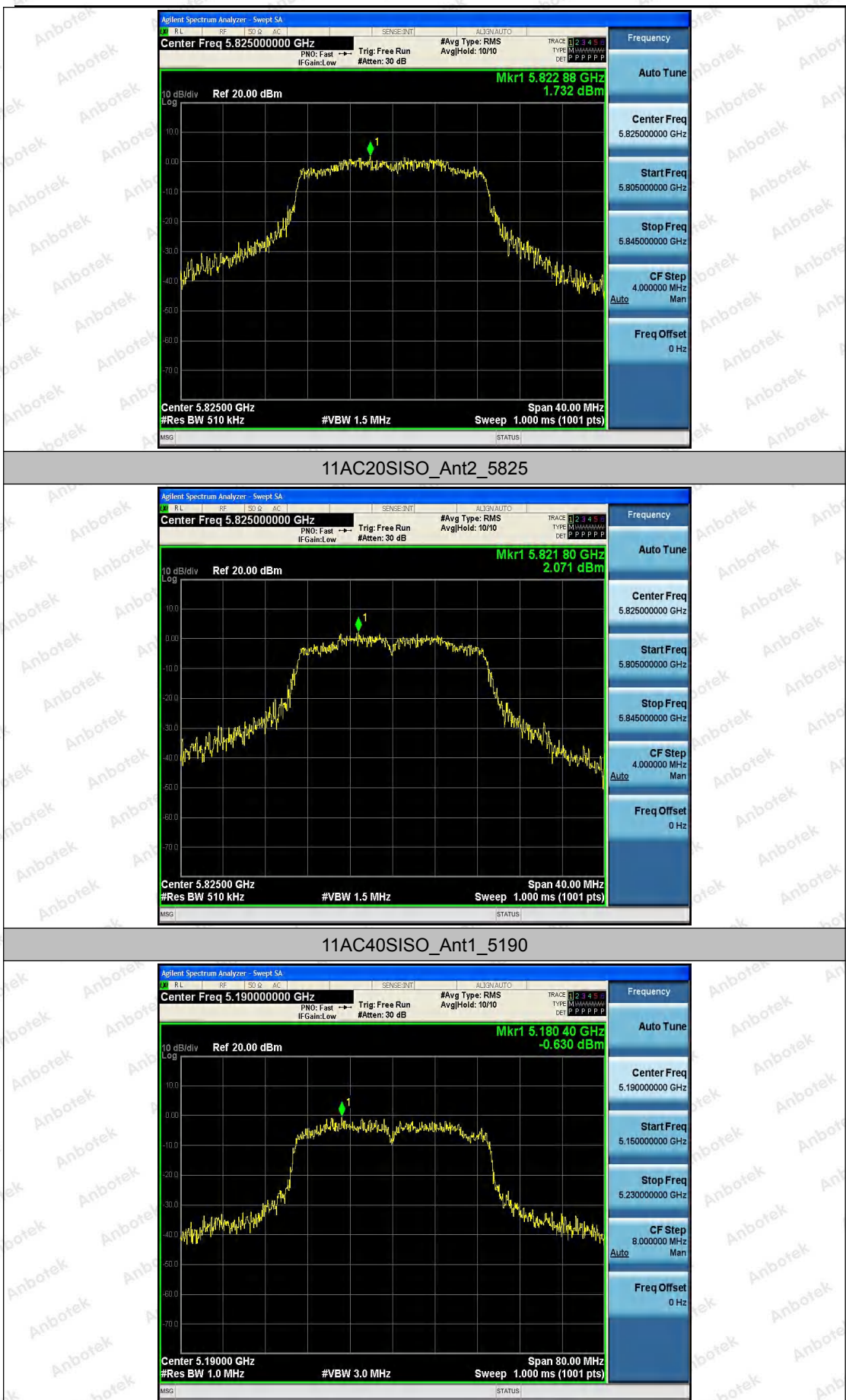
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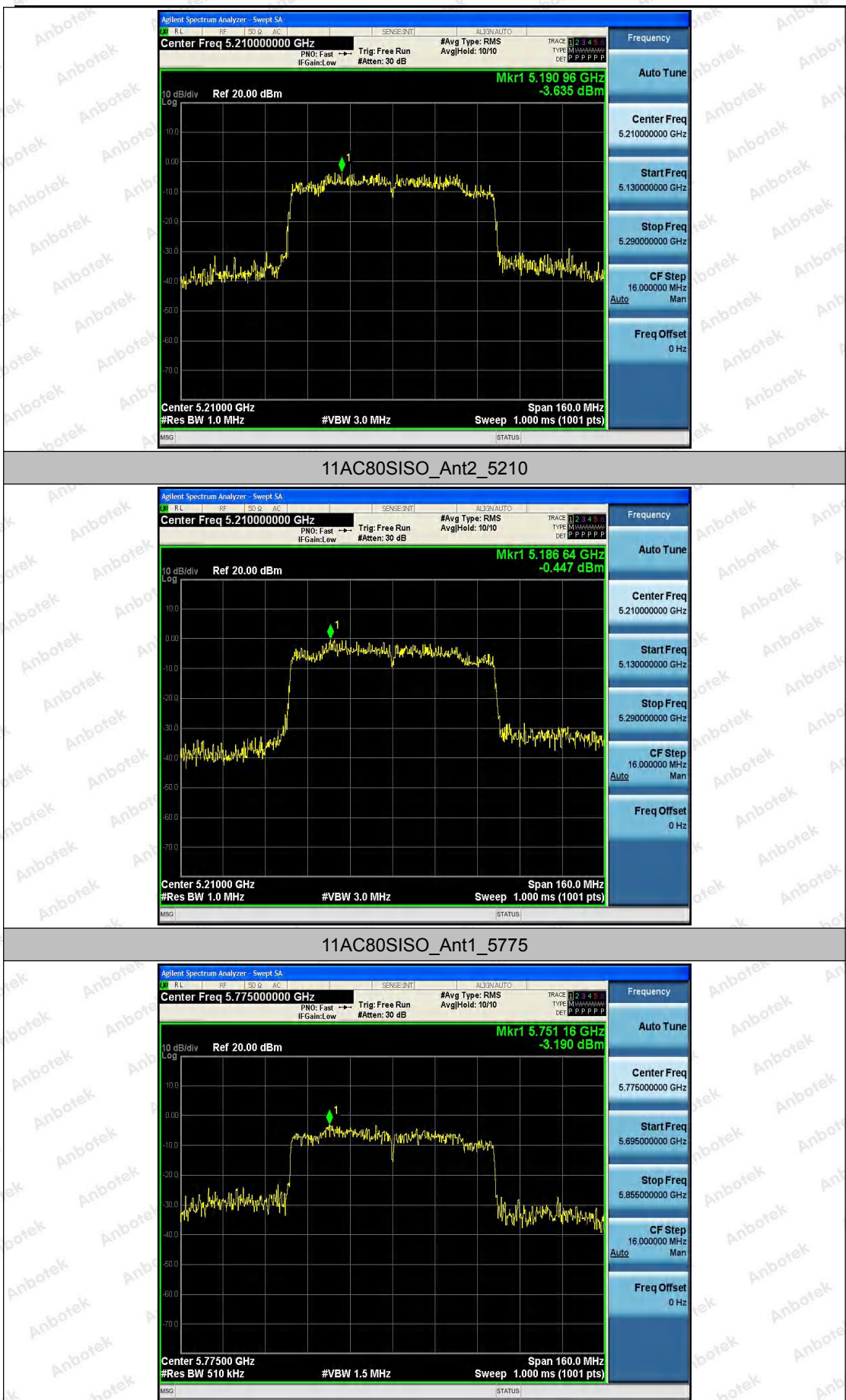
11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795



11AC80SISO_Ant1_5210



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Appendix D: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-40.52	≤ -27	PASS
	Ant2	Low	5180	-39	≤ -27	PASS
	Ant1	High	5240	-43.53	≤ -27	PASS
	Ant2	High	5240	-43.67	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-39.88	≤ -27	PASS
	Ant2	Low	5180	-38.21	≤ -27	PASS
	Ant1	High	5240	-44.13	≤ -27	PASS
	Ant2	High	5240	-43.41	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-35.04	≤ -27	PASS
	Ant2	Low	5190	-37.67	≤ -27	PASS
	Ant1	High	5230	-43	≤ -27	PASS
	Ant2	High	5230	-42.81	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-39.16	≤ -27	PASS
	Ant2	Low	5180	-38.25	≤ -27	PASS
	Ant1	High	5240	-43.96	≤ -27	PASS
	Ant2	High	5240	-42.94	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-35.25	≤ -27	PASS
	Ant2	Low	5190	-35.22	≤ -27	PASS
	Ant1	High	5230	-44.49	≤ -27	PASS
	Ant2	High	5230	-43.08	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-30.83	≤ -27	PASS
	Ant2	Low	5210	-29.2	≤ -27	PASS
	Ant1	High	5210	-44.02	≤ -27	PASS
	Ant2	High	5210	-41.96	≤ -27	PASS

Test Mode	Antenna	Ch Name	Channel	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-41.24	≤ 8.95	PASS
				5700~5720	-37.73	≤ 15.42	PASS
				5720~5725	-30.54	≤ 24.01	PASS
				5755~5650	-41.61	≤ -27	PASS
	Ant2	Low	5745	5650~5700	-42.32	≤ 24.08	PASS
				5700~5720	-38.69	≤ 15.37	PASS
				5720~5725	-31.22	≤ 25.07	PASS
				5755~5650	-41.86	≤ -27	PASS
	Ant1	High	5825	5850~5855	-40.96	≤ 18.22	PASS

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11N20SI SO				5855~5875	-41.74	≤10.56	PASS
				5875~5925	-41.58	≤4.64	PASS
				5925~5950	-42.14	≤-27	PASS
				5850~5855	-41.15	≤23.69	PASS
	Ant2	High	5825	5855~5875	-42.09	≤11.15	PASS
				5875~5925	-42.93	≤5.86	PASS
				5925~5950	-40.55	≤-27	PASS
				5650~5700	-41.99	≤5.28	PASS
	Ant1	Low	5745	5700~5720	-38.04	≤15.07	PASS
				5720~5725	-28.54	≤25.43	PASS
				5755~5650	-41.89	≤-27	PASS
				5650~5700	-41.83	≤4.36	PASS
11N40SI SO	Ant2	Low	5745	5700~5720	-37.42	≤15.50	PASS
				5720~5725	-31.85	≤25.78	PASS
				5755~5650	-42.48	≤-27	PASS
				5850~5855	-39.85	≤17.54	PASS
	Ant1	High	5825	5855~5875	-42.83	≤11.69	PASS
				5875~5925	-42.67	≤7.74	PASS
				5925~5950	-41.87	≤-27	PASS
				5850~5855	-41.21	≤17.20	PASS
	Ant2	High	5825	5855~5875	-41.6	≤10.39	PASS
				5875~5925	-42.52	≤8.30	PASS
				5925~5950	-42.09	≤-27	PASS
				5650~5700	-37.13	≤7.16	PASS
11AC20S ISO	Ant1	Low	5755	5700~5720	-29.45	≤15.17	PASS
				5720~5725	-26.94	≤21.16	PASS
				5745~5650	-42.27	≤-27	PASS
				5650~5700	-38.15	≤9.29	PASS
	Ant2	Low	5755	5700~5720	-28.96	≤14.23	PASS
				5720~5725	-27.07	≤20.89	PASS
				5745~5650	-41.58	≤-27	PASS
				5850~5855	-39.83	≤16.81	PASS
	Ant1	High	5795	5855~5875	-41.25	≤11.47	PASS
				5875~5925	-41.94	≤-9.59	PASS
				5925~5950	-42.03	≤-27	PASS
				5850~5855	-38.11	≤15.82	PASS
11AC20S ISO	Ant1	Low	5745	5855~5875	-40.38	≤10.41	PASS
				5875~5925	-41.93	≤-20.43	PASS
				5925~5950	-42.47	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-41.23	≤5.51	PASS
				5700~5720	-38.39	≤15.55	PASS
				5720~5725	-30.65	≤25.07	PASS

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