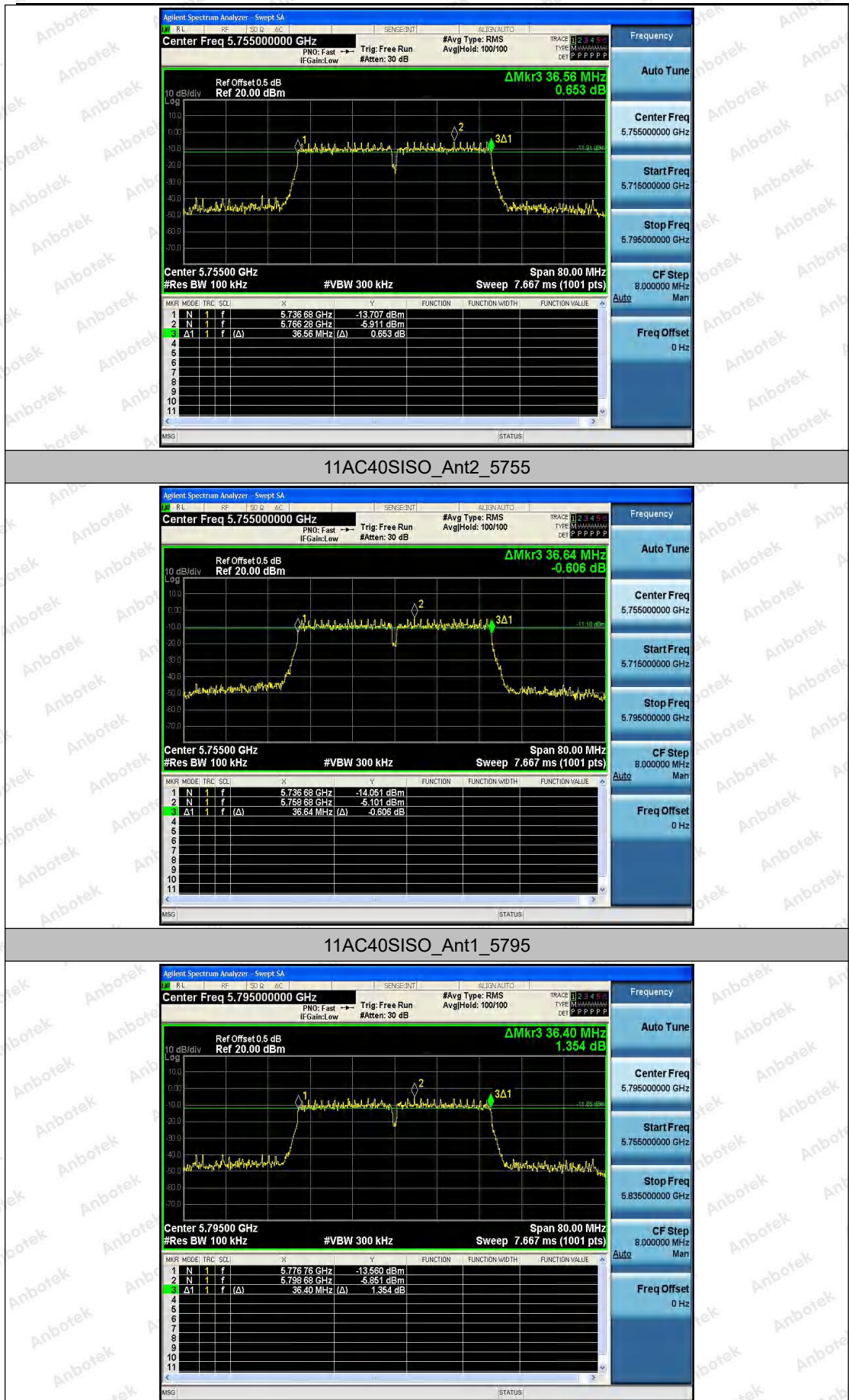


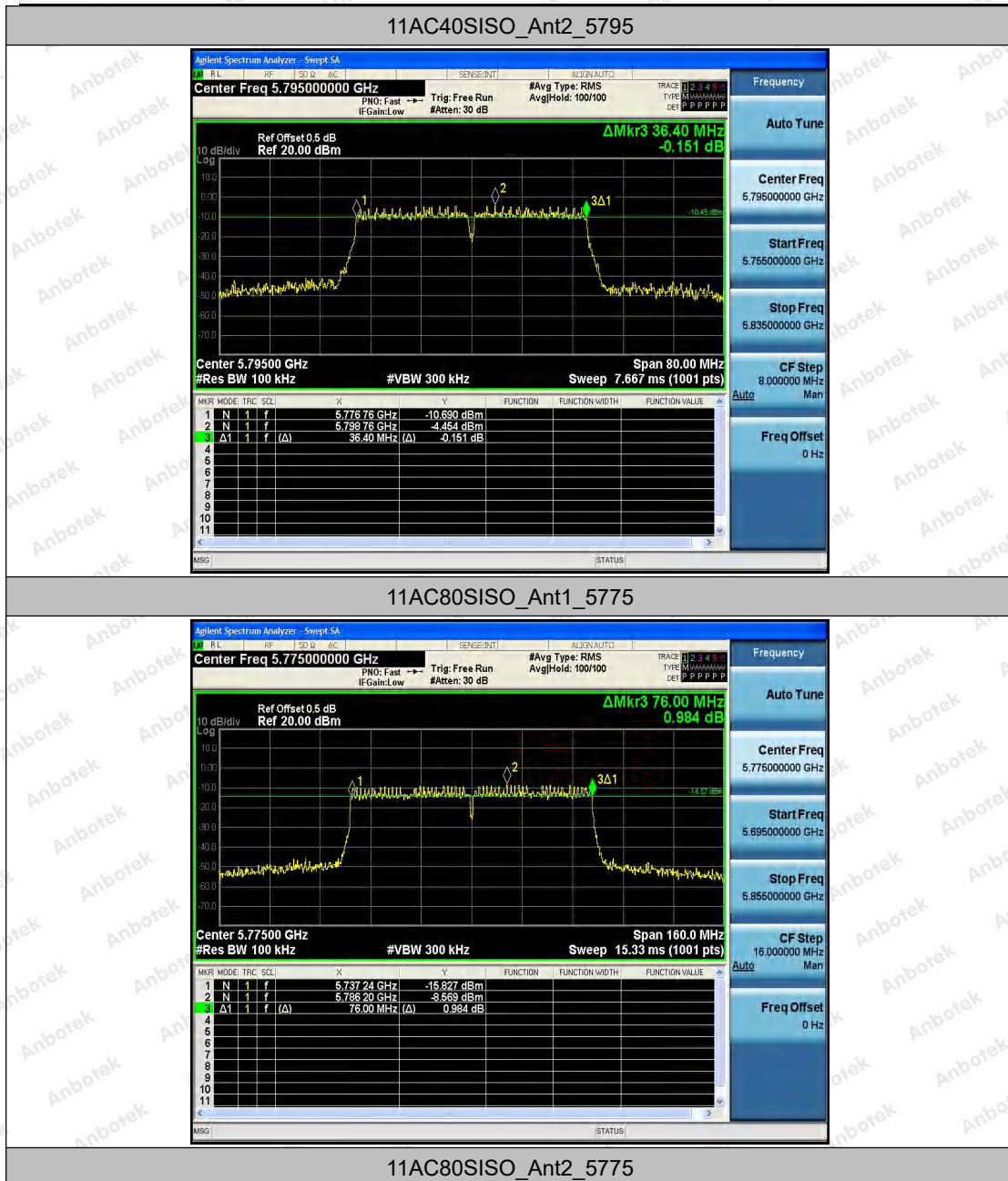


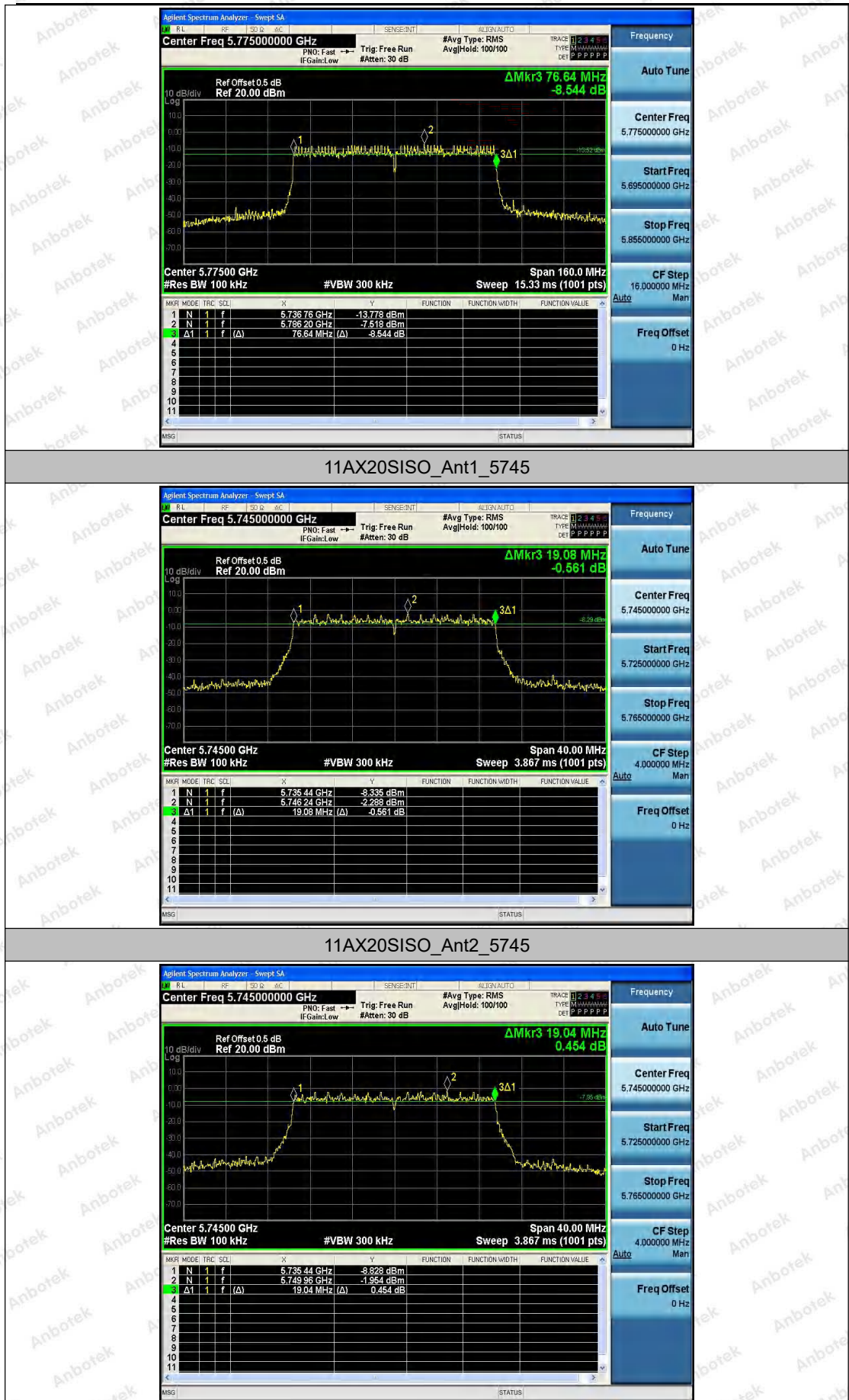
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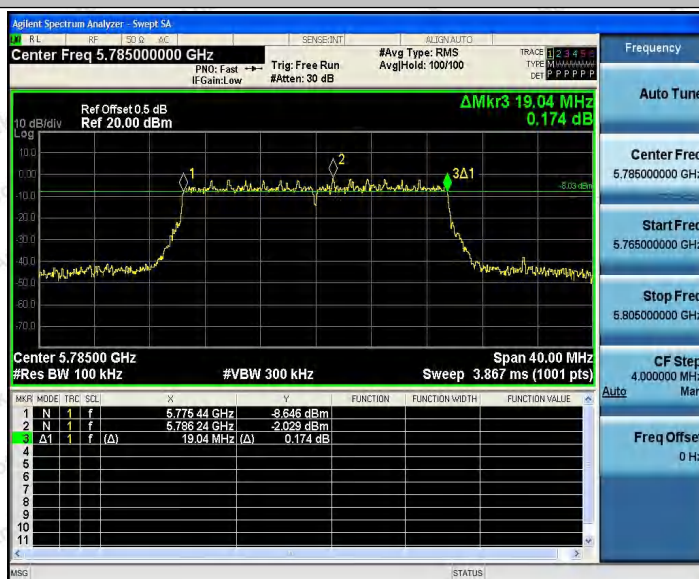
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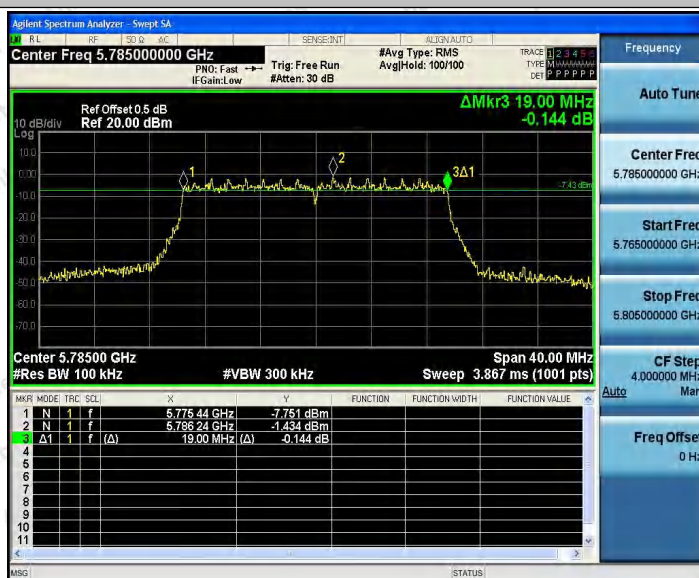
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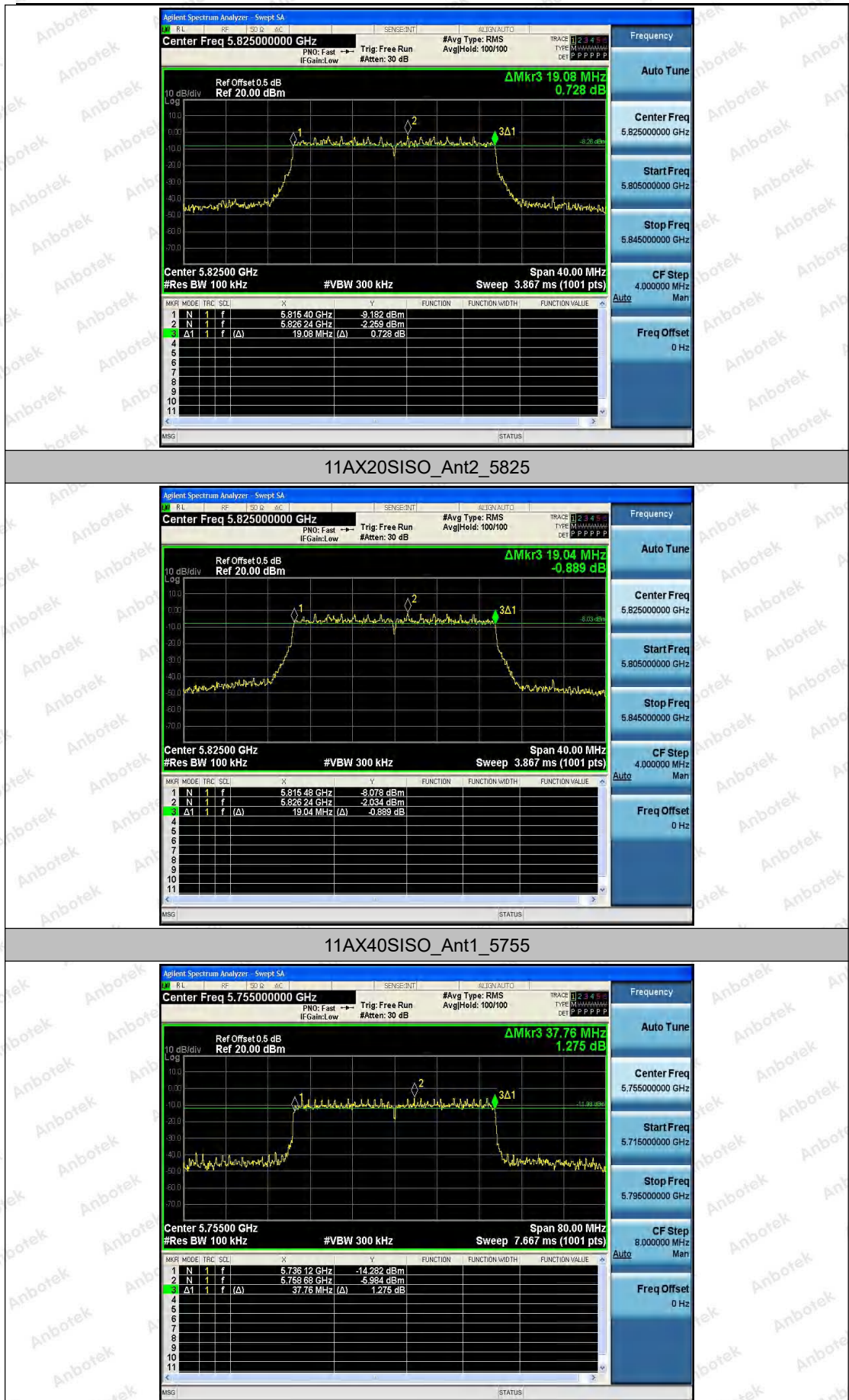
11AX20SISO_Ant1_5785



11AX20SISO_Ant2_5785



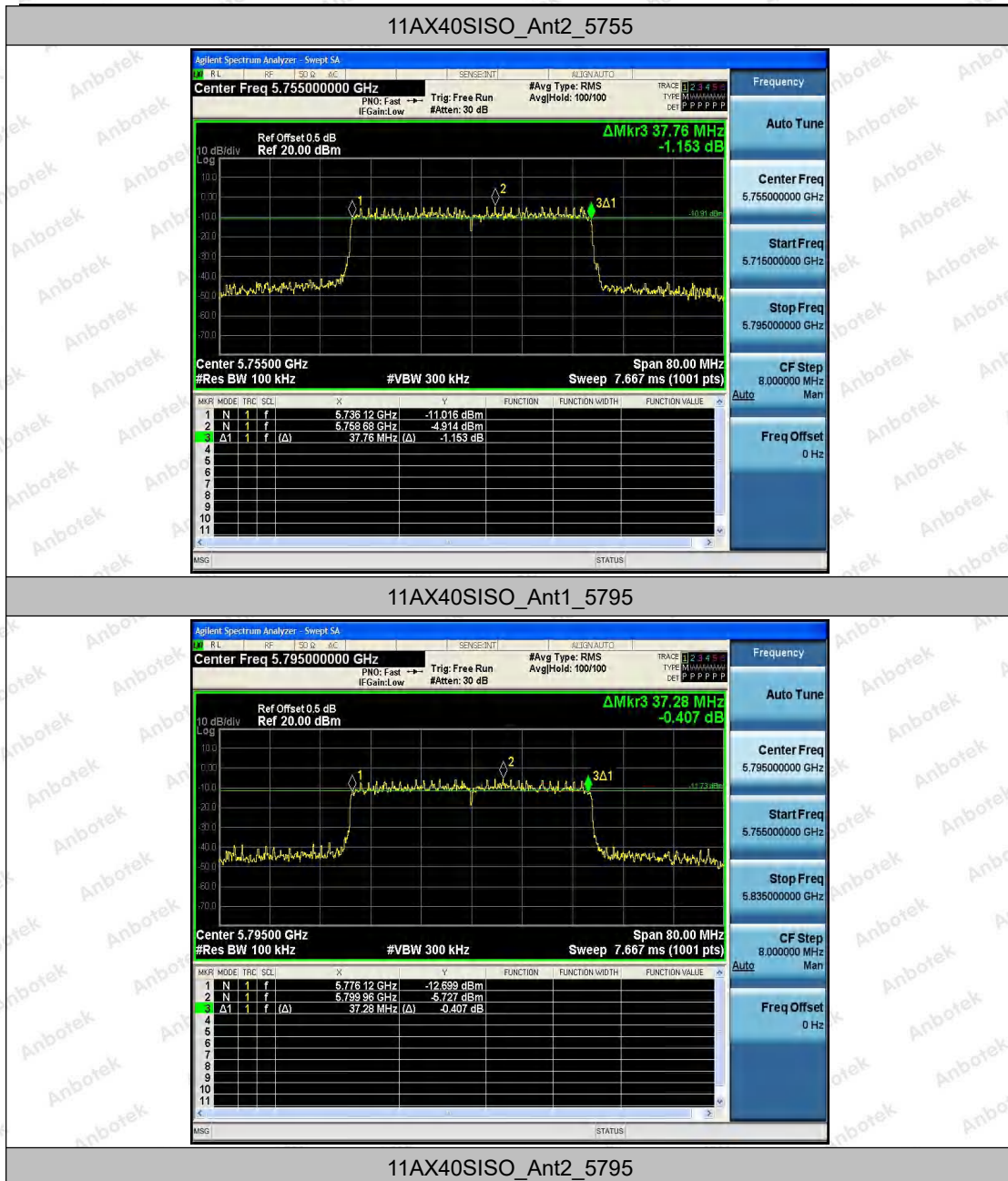
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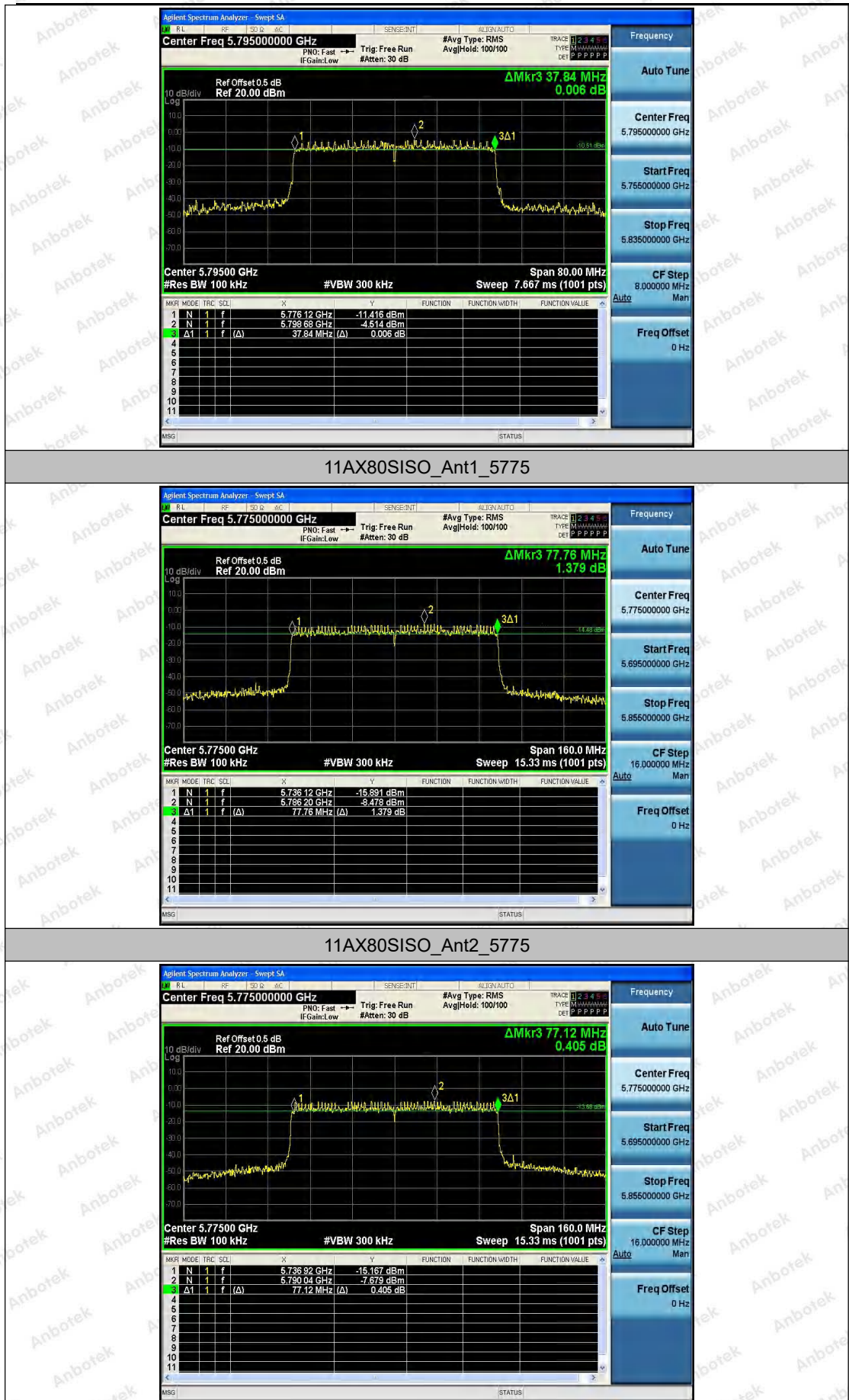


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Appendix B: Maximum conducted output power

Test Result

WiFi 5.2G:

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	15.01	≤23.98	PASS
	Ant2	5180	17.16	≤23.98	PASS
	Ant1	5200	15.52	≤23.98	PASS
	Ant2	5200	17.68	≤23.98	PASS
	Ant1	5240	16.15	≤23.98	PASS
	Ant2	5240	18.75	≤23.98	PASS
11N20SISO	Ant1	5180	15.20	≤23.98	PASS
	Ant2	5180	17.19	≤23.98	PASS
	Ant1	5200	15.59	≤23.98	PASS
	Ant2	5200	17.67	≤23.98	PASS
	Ant1	5240	16.28	≤23.98	PASS
	Ant2	5240	18.84	≤23.98	PASS
11N40SISO	Ant1	5190	15.56	≤23.98	PASS
	Ant2	5190	17.80	≤23.98	PASS
	Ant1	5230	16.52	≤23.98	PASS
	Ant2	5230	19.08	≤23.98	PASS
11AC20SISO	Ant1	5180	15.06	≤23.98	PASS
	Ant2	5180	17.59	≤23.98	PASS
	Ant1	5200	15.62	≤23.98	PASS
	Ant2	5200	17.56	≤23.98	PASS
	Ant1	5240	16.41	≤23.98	PASS
	Ant2	5240	19.04	≤23.98	PASS
11AC40SISO	Ant1	5190	14.99	≤23.98	PASS
	Ant2	5190	17.43	≤23.98	PASS
	Ant1	5230	16.61	≤23.98	PASS
	Ant2	5230	19.23	≤23.98	PASS
11AC80SISO	Ant1	5210	17.04	≤23.98	PASS
	Ant2	5210	19.44	≤23.98	PASS
11AX20SISO	Ant1	5180	16.20	≤23.98	PASS
	Ant2	5180	18.42	≤23.98	PASS
	Ant1	5200	16.81	≤23.98	PASS
	Ant2	5200	19.07	≤23.98	PASS
	Ant1	5240	17.40	≤23.98	PASS
	Ant2	5240	20.00	≤23.98	PASS
11AX40SISO	Ant1	5190	15.66	≤23.98	PASS

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11AX80SISO	Ant2	5190	17.99	≤23.98	PASS
	Ant1	5230	17.28	≤23.98	PASS
	Ant2	5230	20.22	≤23.98	PASS
	Ant1	5210	17.14	≤23.98	PASS
	Ant2	5210	19.44	≤23.98	PASS

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

MIMO:

Test Condition	Test Mode	Channel	Result[dBm]	Limit[dBm]	Verdict
NTNV	11N20MIMO	5180	19.318	≤23.98	PASS
		5200	19.764	≤23.98	PASS
		5240	20.756	≤23.98	PASS
	11N40MIMO	5190	19.833	≤23.98	PASS
		5230	20.996	≤23.98	PASS
	11AC20 MIMO	5180	19.517	≤23.98	PASS
		5200	19.708	≤23.98	PASS
		5240	20.931	≤23.98	PASS
	11AC40 MIMO	5190	19.389	≤23.98	PASS
		5230	21.125	≤23.98	PASS
	11AC80 MIMO	5210	21.414	≤23.98	PASS
	11AX20 MIMO	5180	20.461	≤23.98	PASS
		5200	21.096	≤23.98	PASS
		5240	21.902	≤23.98	PASS
	11AX40 MIMO	5190	19.990	≤23.98	PASS
		5230	22.004	≤23.98	PASS
	11AX80 MIMO	5210	21.451	≤23.98	PASS

WiFi 5.8G:

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	16.19	≤30	PASS
	Ant2	5745	16.71	≤30	PASS
	Ant1	5785	16.36	≤30	PASS
	Ant2	5785	17.16	≤30	PASS
	Ant1	5825	16.09	≤30	PASS
	Ant2	5825	16.47	≤30	PASS
11N20SISO	Ant1	5745	16.37	≤30	PASS
	Ant2	5745	16.75	≤30	PASS
	Ant1	5785	16.37	≤30	PASS
	Ant2	5785	17.15	≤30	PASS
	Ant1	5825	16.22	≤30	PASS
	Ant2	5825	16.51	≤30	PASS
11N40SISO	Ant1	5755	16.28	≤30	PASS
	Ant2	5755	17.32	≤30	PASS
	Ant1	5795	16.14	≤30	PASS
	Ant2	5795	17.50	≤30	PASS
11AC20SISO	Ant1	5745	16.53	≤30	PASS
	Ant2	5745	17.06	≤30	PASS
	Ant1	5785	16.32	≤30	PASS
	Ant2	5785	17.29	≤30	PASS
	Ant1	5825	16.33	≤30	PASS
	Ant2	5825	16.84	≤30	PASS
11AC40SISO	Ant1	5755	15.92	≤30	PASS
	Ant2	5755	16.65	≤30	PASS
	Ant1	5795	16.45	≤30	PASS
	Ant2	5795	17.83	≤30	PASS
11AC80SISO	Ant1	5775	17.32	≤30	PASS
	Ant2	5775	18.30	≤30	PASS
11AX20SISO	Ant1	5745	17.61	≤30	PASS
	Ant2	5745	17.93	≤30	PASS
	Ant1	5785	17.70	≤30	PASS
	Ant2	5785	18.24	≤30	PASS
	Ant1	5825	17.44	≤30	PASS
	Ant2	5825	17.82	≤30	PASS
11AX40SISO	Ant1	5755	16.44	≤30	PASS
	Ant2	5755	17.45	≤30	PASS
	Ant1	5795	17.18	≤30	PASS
	Ant2	5795	18.31	≤30	PASS

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11AX80SISO	Ant1	5775	17.28	≤30	PASS
	Ant2	5775	18.32	≤30	PASS

MIMO:

Test Condition	Test Mode	Channel	Result[dBm]	Limit[dBm]	Verdict
NTNV	11N20MIMO	5745	19.574	≤30	PASS
		5785	19.788	≤30	PASS
		5825	19.378	≤30	PASS
	11N40MIMO	5755	19.841	≤30	PASS
		5795	19.883	≤30	PASS
	11AC20 MIMO	5745	19.813	≤30	PASS
		5785	19.842	≤30	PASS
		5825	19.603	≤30	PASS
	11AC40 MIMO	5755	19.311	≤30	PASS
		5795	20.205	≤30	PASS
	11AC80 MIMO	5775	20.848	≤30	PASS
		5745	20.783	≤30	PASS
	11AX20 MIMO	5785	20.989	≤30	PASS
		5825	20.644	≤30	PASS
		5755	19.985	≤30	PASS
	11AX40 MIMO	5795	20.792	≤30	PASS
		5775	20.841	≤30	PASS

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Appendix C: Maximum power spectral density

Test Result

WiFi 5.2G:

Test Mode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.73	≤11	PASS
	Ant2	5180	6.91	≤11	PASS
	Ant1	5200	5.26	≤11	PASS
	Ant2	5200	6.71	≤11	PASS
	Ant1	5240	6.34	≤11	PASS
	Ant2	5240	8.42	≤11	PASS
11N20SISO	Ant1	5180	5.53	≤11	PASS
	Ant2	5180	6.96	≤11	PASS
	Ant1	5200	4.33	≤11	PASS
	Ant2	5200	6.78	≤11	PASS
	Ant1	5240	5.56	≤11	PASS
	Ant2	5240	8.51	≤11	PASS
11N40SISO	Ant1	5190	0.31	≤11	PASS
	Ant2	5190	3.4	≤11	PASS
	Ant1	5230	1.47	≤11	PASS
	Ant2	5230	4.21	≤11	PASS
11AC20SISO	Ant1	5180	4.04	≤11	PASS
	Ant2	5180	6.99	≤11	PASS
	Ant1	5200	5.26	≤11	PASS
	Ant2	5200	7.49	≤11	PASS
	Ant1	5240	5.2	≤11	PASS
	Ant2	5240	8.02	≤11	PASS
11AC40SISO	Ant1	5190	0.53	≤11	PASS
	Ant2	5190	3.35	≤11	PASS
	Ant1	5230	3.41	≤11	PASS
	Ant2	5230	4.26	≤11	PASS
11AC80SISO	Ant1	5210	-1.3	≤11	PASS
	Ant2	5210	0.36	≤11	PASS
11AX20SISO	Ant1	5180	5.14	≤11	PASS

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	Ant2	5180	7.36	≤ 11	PASS
	Ant1	5200	6.02	≤ 11	PASS
	Ant2	5200	7.82	≤ 11	PASS
	Ant1	5240	6.96	≤ 11	PASS
	Ant2	5240	8.37	≤ 11	PASS
11AX40SISO	Ant1	5190	0.71	≤ 11	PASS
	Ant2	5190	3.19	≤ 11	PASS
	Ant1	5230	2.32	≤ 11	PASS
	Ant2	5230	4.84	≤ 11	PASS
11AX80SISO	Ant1	5210	-0.1	≤ 11	PASS
	Ant2	5210	1.62	≤ 11	PASS

MIMO:

Test Condition	TestMode	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
NTNV	11N20MIMO	5180	9.314	≤ 11	PASS
		5200	8.736	≤ 11	PASS
		5240	10.291	≤ 11	PASS
	11N40MIMO	5190	5.135	≤ 11	PASS
		5230	6.063	≤ 11	PASS
	11AC20 MIMO	5180	8.771	≤ 11	PASS
		5200	9.527	≤ 11	PASS
		5240	9.845	≤ 11	PASS
	11AC40 MIMO	5190	5.175	≤ 11	PASS
		5230	6.866	≤ 11	PASS
	11AC80 MIMO	5210	2.619	≤ 11	PASS
	11AX20 MIMO	5180	9.401	≤ 11	PASS
		5200	10.023	≤ 11	PASS
		5240	10.732	≤ 11	PASS
	11AX40 MIMO	5190	5.135	≤ 11	PASS
		5230	6.771	≤ 11	PASS
	11AX80 MIMO	5210	3.855	≤ 11	PASS

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WiFi 5.8G

Test Mode	Antenna	Channel	Result [dBm/500KHz]	Limit [dBm/500KHz]	Verdict
11A	Ant1	5745	2.05	≤30	PASS
	Ant2	5745	2.64	≤30	PASS
	Ant1	5785	2.52	≤30	PASS
	Ant2	5785	3.87	≤30	PASS
	Ant1	5825	2.32	≤30	PASS
	Ant2	5825	2.36	≤30	PASS
11N20SISO	Ant1	5745	2.37	≤30	PASS
	Ant2	5745	2.25	≤30	PASS
	Ant1	5785	2.01	≤30	PASS
	Ant2	5785	2.79	≤30	PASS
	Ant1	5825	1.06	≤30	PASS
	Ant2	5825	3.22	≤30	PASS
11N40SISO	Ant1	5755	-2.46	≤30	PASS
	Ant2	5755	-1.02	≤30	PASS
	Ant1	5795	-2.44	≤30	PASS
	Ant2	5795	0.5	≤30	PASS
11AC20SISO	Ant1	5745	2.9	≤30	PASS
	Ant2	5745	2.27	≤30	PASS
	Ant1	5785	2.04	≤30	PASS
	Ant2	5785	3.79	≤30	PASS
	Ant1	5825	2.29	≤30	PASS
	Ant2	5825	1.76	≤30	PASS
11AC40SISO	Ant1	5755	-0.62	≤30	PASS
	Ant2	5755	-1.28	≤30	PASS
	Ant1	5795	-2.45	≤30	PASS
	Ant2	5795	-0.51	≤30	PASS
11AC80SISO	Ant1	5775	-4.56	≤30	PASS
	Ant2	5775	-3.82	≤30	PASS
11AX20SISO	Ant1	5745	3.91	≤30	PASS
	Ant2	5745	2.83	≤30	PASS
	Ant1	5785	2.96	≤30	PASS

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	Ant2	5785	3.57	≤30	PASS
	Ant1	5825	3.49	≤30	PASS
	Ant2	5825	3.84	≤30	PASS
11AX40SISO	Ant1	5755	-0.88	≤30	PASS
	Ant2	5755	0.51	≤30	PASS
	Ant1	5795	0.25	≤30	PASS
	Ant2	5795	-0.33	≤30	PASS
11AX80SISO	Ant1	5775	-4.27	≤30	PASS
	Ant2	5775	-2.79	≤30	PASS

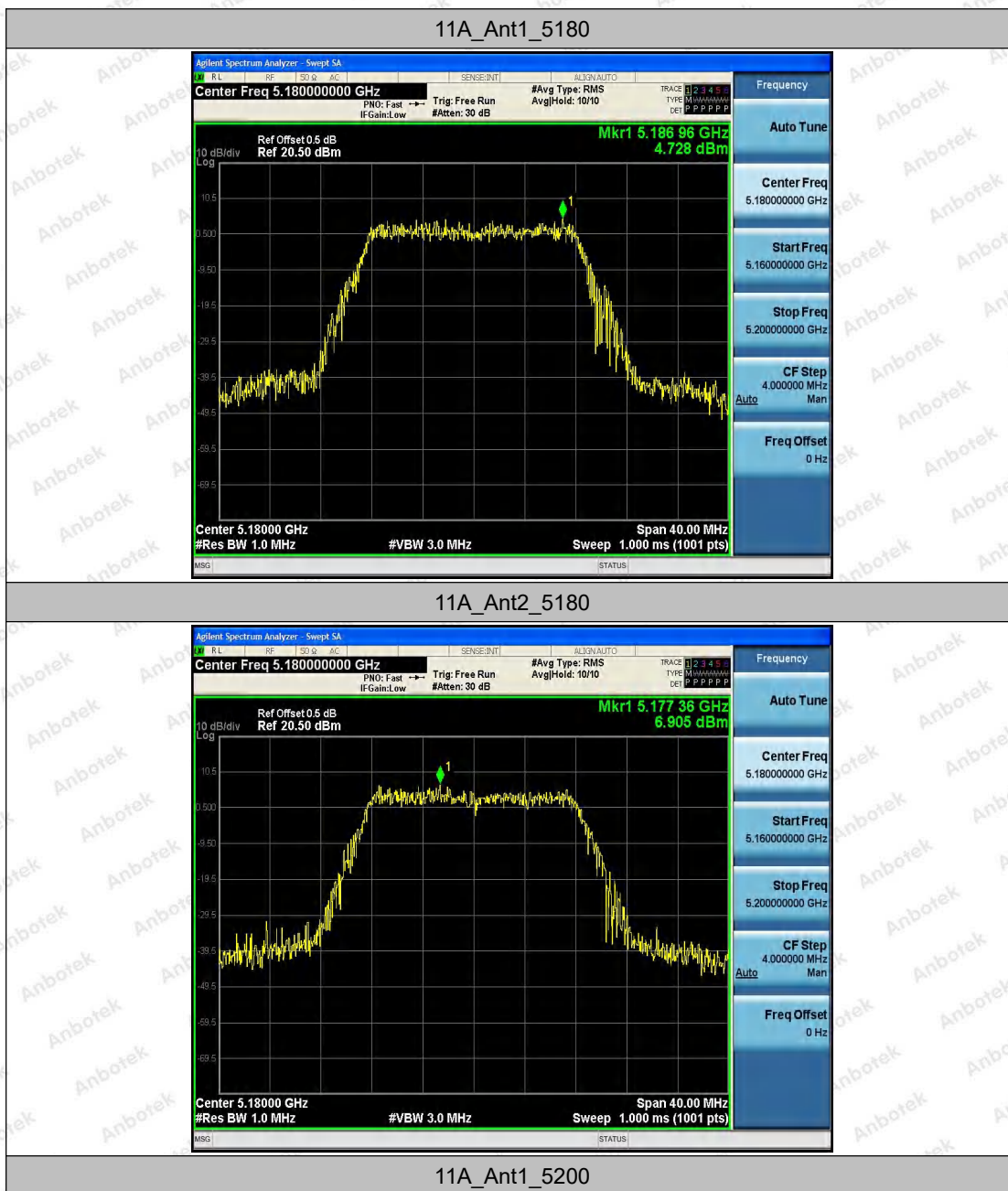
MIMO:

Test Condition	Test Mode	Channel	Result [dBm/500KHz]	Limit [dBm/500KHz]	Verdict
NTNV	11N20MIMO	5745	5.321	≤30	PASS
		5785	5.428	≤30	PASS
		5825	5.283	≤30	PASS
	11N40MIMO	5755	1.330	≤30	PASS
		5795	2.284	≤30	PASS
	11AC20 MIMO	5745	5.607	≤30	PASS
		5785	6.013	≤30	PASS
		5825	5.043	≤30	PASS
	11AC40 MIMO	5755	2.073	≤30	PASS
		5795	1.638	≤30	PASS
	11AC80 MIMO	5775	-1.164	≤30	PASS
	11AX20 MIMO	5745	6.414	≤30	PASS
		5785	6.286	≤30	PASS
		5825	6.679	≤30	PASS
	11AX40 MIMO	5755	2.881	≤30	PASS
		5795	2.980	≤30	PASS
	11AX80 MIMO	5775	-0.457	≤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





11A_Ant2_5200



11A_Ant1_5240



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11A_Ant2_5240



11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



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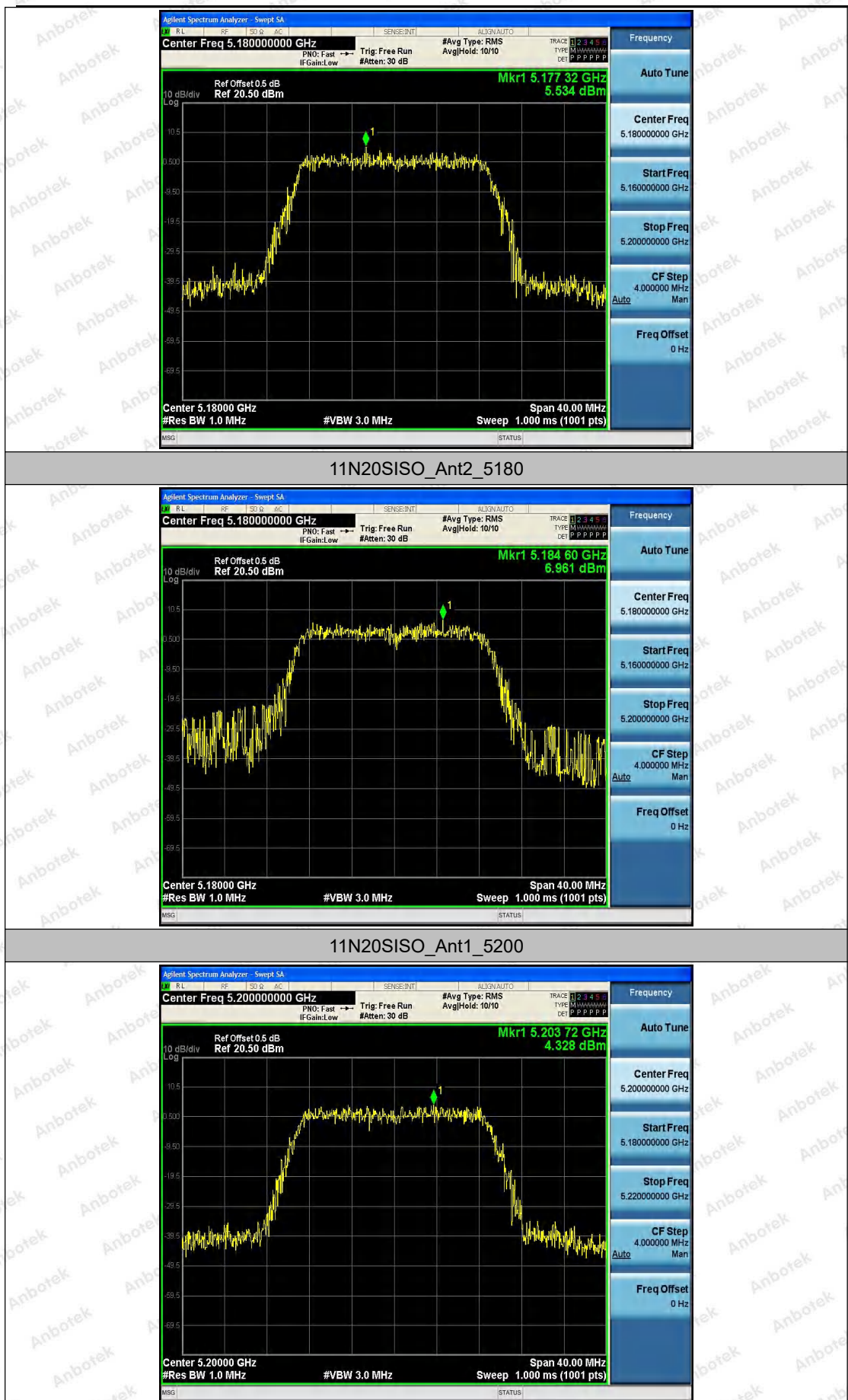
11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5180



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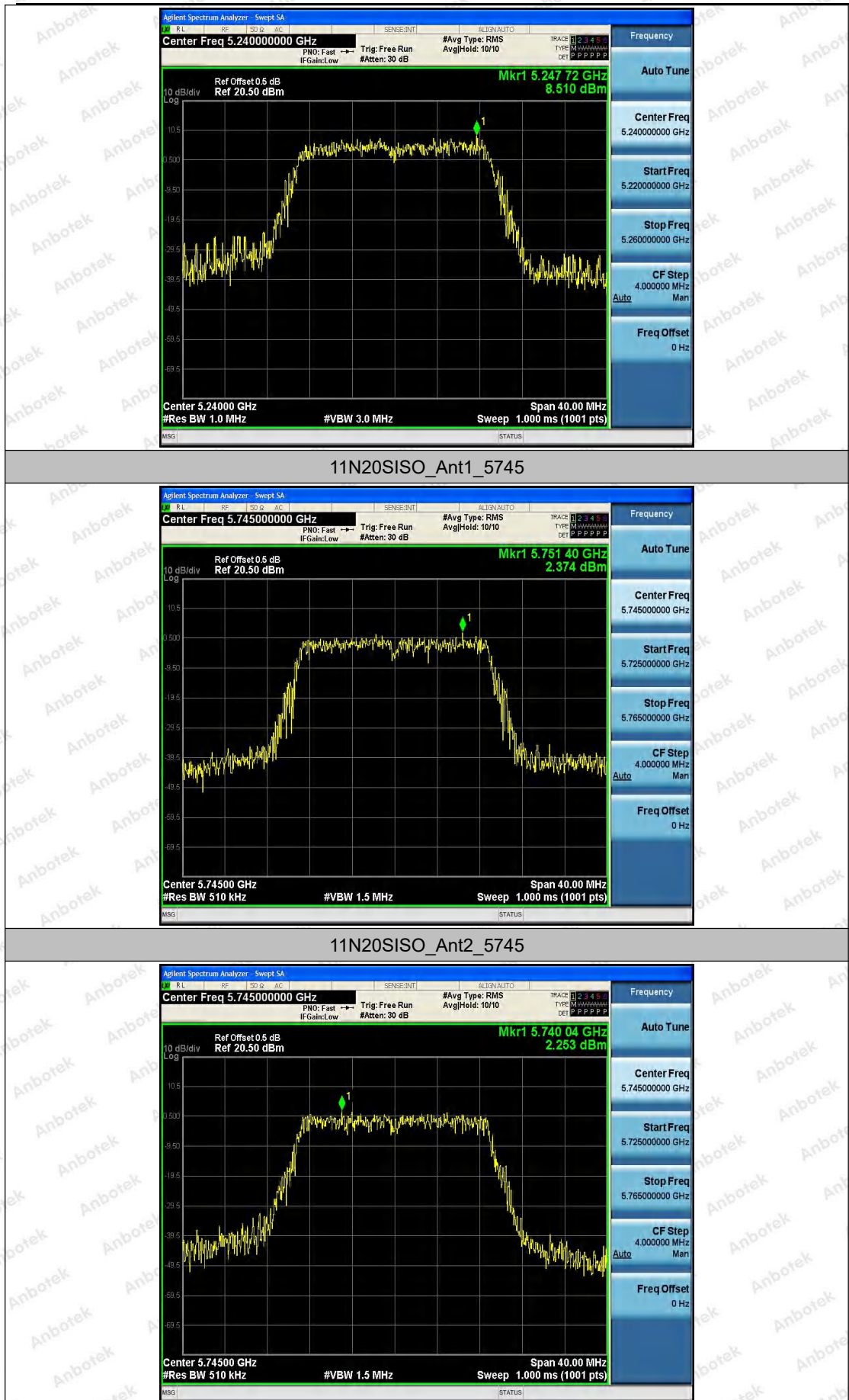
11N20SISO_Ant2_5200



11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



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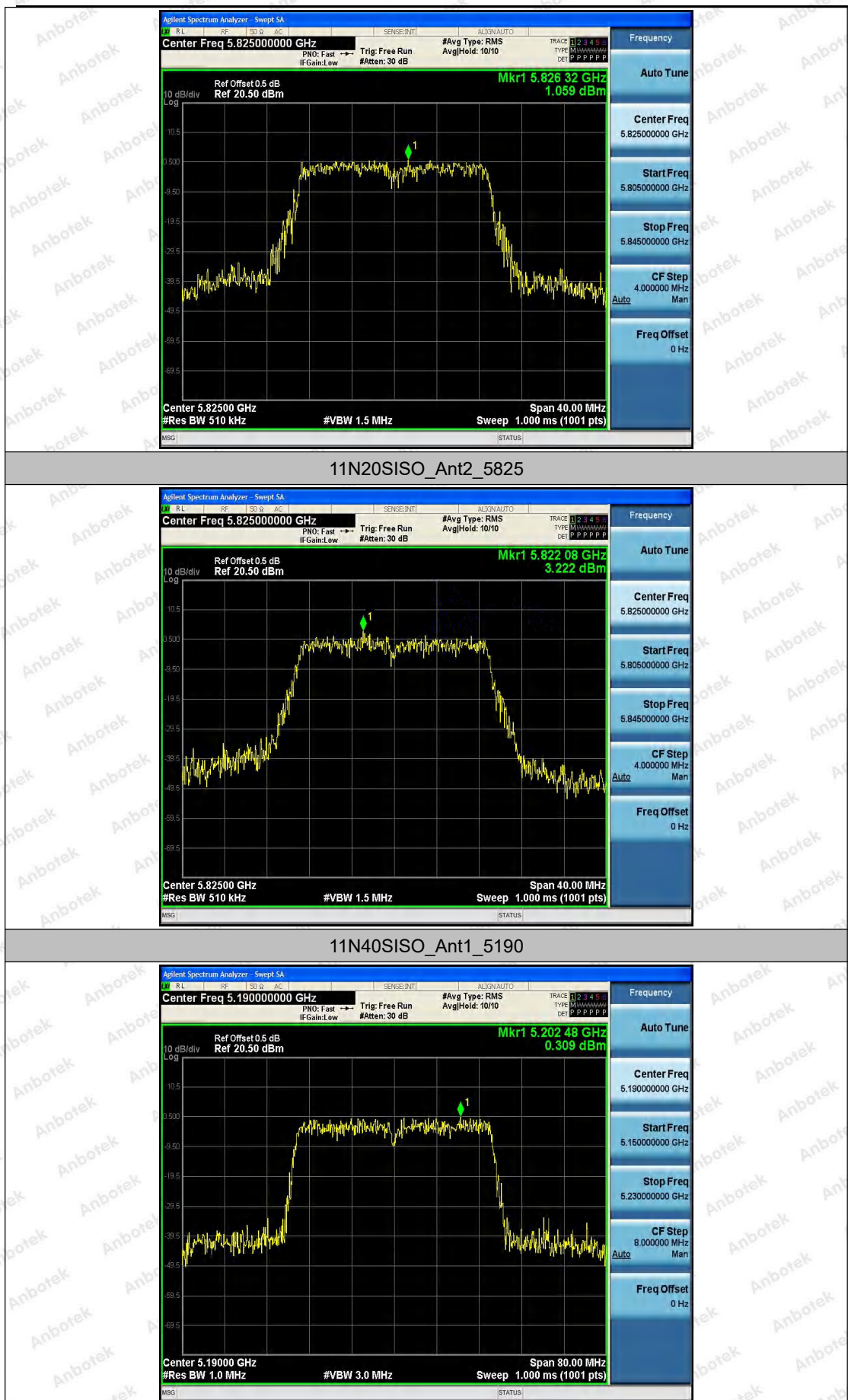
11N20SISO_Ant1_5785



11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



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11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



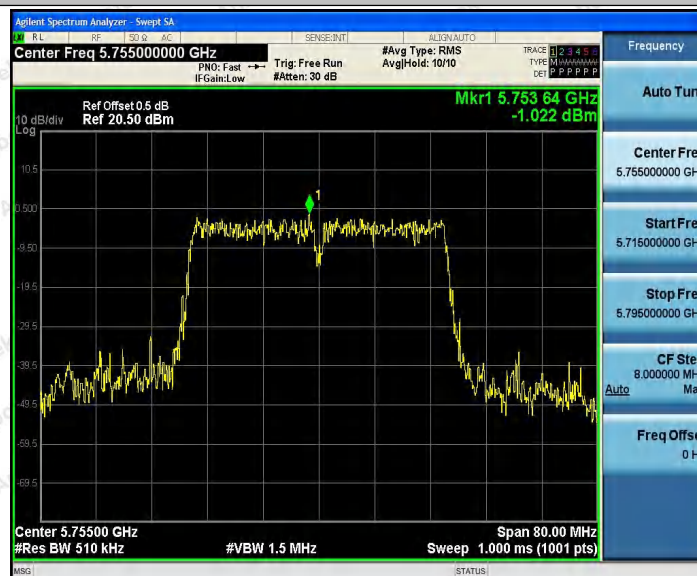
11N40SISO_Ant2_5230



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



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11N40SISO_Ant1_5795



11N40SISO_Ant2_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180



11AC20SISO_Ant1_5200



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11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



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11AC40SISO_Ant1_5755



11AC40SISO_Ant2_5755

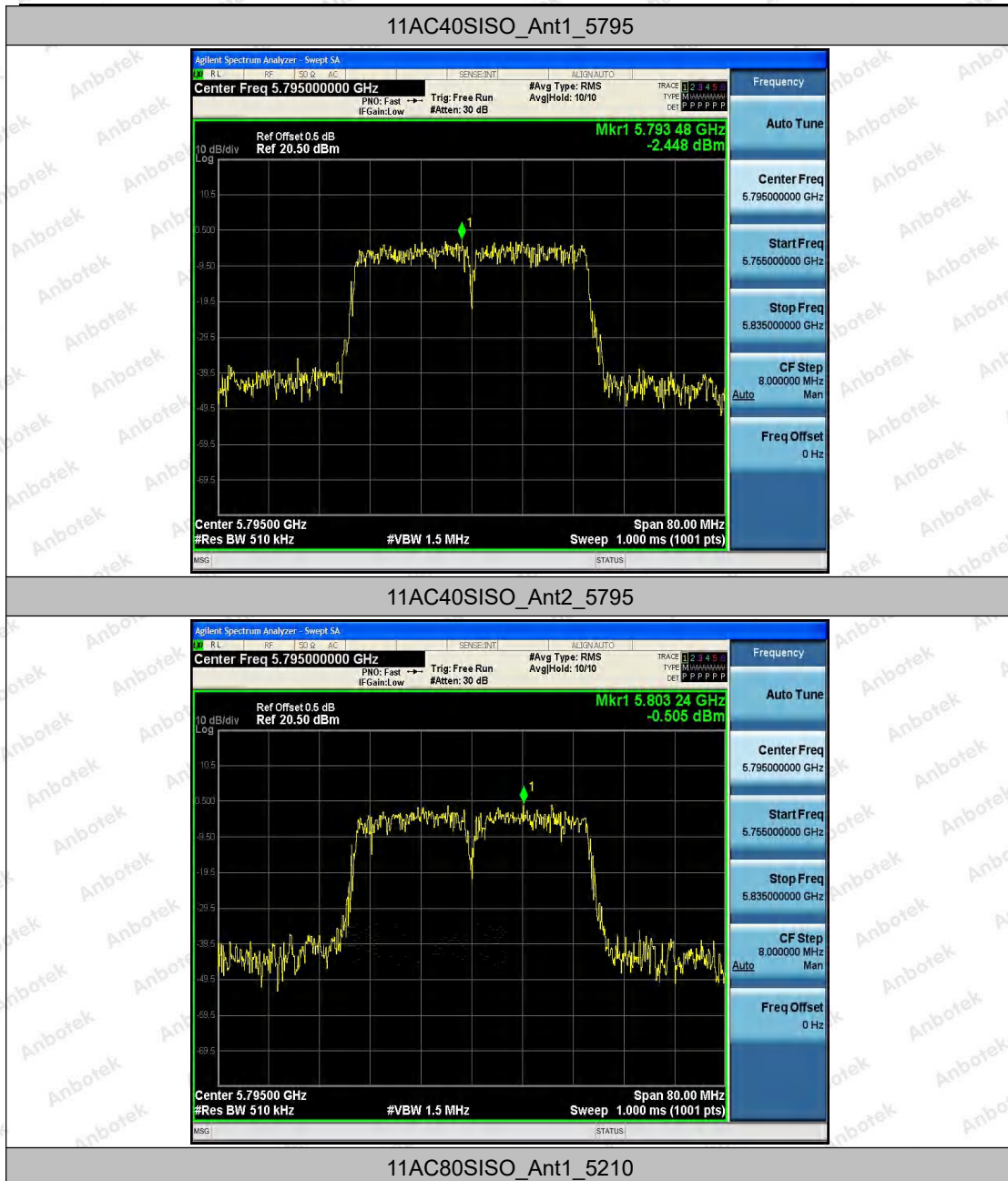


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11AC80SISO_Ant2_5210



11AC80SISO_Ant1_5775



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11AX20SISO_Ant1_5200



11AX20SISO_Ant2_5200



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