

Appendix Test Data

Report No.:	18220WC20078204	Test Sample No.:	1-2-2
Start Test Date:	2022.4.15	Finish Test Date:	2022.4.20
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3℃	Relative Humidity:	57.2 %
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.400	5169.640	5190.040	---	PASS
		5200	29.560	5181.760	5211.320	---	PASS
		5240	19.720	5230.240	5249.960	---	PASS
		5260	20.440	5249.560	5270.000	---	PASS
		5300	20.000	5290.000	5310.000	---	PASS
		5320	20.000	5309.880	5329.880	---	PASS
		5500	19.880	5490.240	5510.120	---	PASS
		5600	20.320	5589.880	5610.200	---	PASS
		5700	20.280	5689.800	5710.080	---	PASS
		5745	20.400	5734.960	5755.360	---	PASS
		5785	21.840	5773.800	5795.640	---	PASS
		5825	20.880	5814.720	5835.600	---	PASS
11N20SIS O	Ant1	5180	29.000	5163.080	5192.080	---	PASS
		5200	34.480	5181.880	5216.360	---	PASS
		5240	27.040	5227.960	5255.000	---	PASS
		5260	25.120	5248.000	5273.120	---	PASS
		5300	23.280	5287.960	5311.240	---	PASS
		5320	21.040	5309.360	5330.400	---	PASS
		5500	22.480	5488.520	5511.000	---	PASS
		5600	22.440	5588.560	5611.000	---	PASS
		5700	21.920	5688.560	5710.480	---	PASS
		5745	25.600	5731.400	5757.000	---	PASS
		5785	24.400	5771.480	5795.880	---	PASS
		5825	27.320	5811.480	5838.800	---	PASS
11AC20SI	Ant1	5180	29.040	5162.000	5191.040	---	PASS

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SO	5200	34.360	5183.200	5217.560	---	PASS
	5240	25.800	5227.640	5253.440	---	PASS
	5260	26.160	5247.760	5273.920	---	PASS
	5300	21.240	5289.320	5310.560	---	PASS
	5320	24.480	5307.760	5332.240	---	PASS
	5500	21.400	5489.320	5510.720	---	PASS
	5600	21.320	5589.240	5610.560	---	PASS
	5700	21.840	5688.800	5710.640	---	PASS
	5745	25.080	5731.920	5757.000	---	PASS
	5785	25.280	5770.360	5795.640	---	PASS
	5825	27.560	5811.560	5839.120	---	PASS

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Test Graphs





11A_Ant1_5260



11A_Ant1_5300



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11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5600

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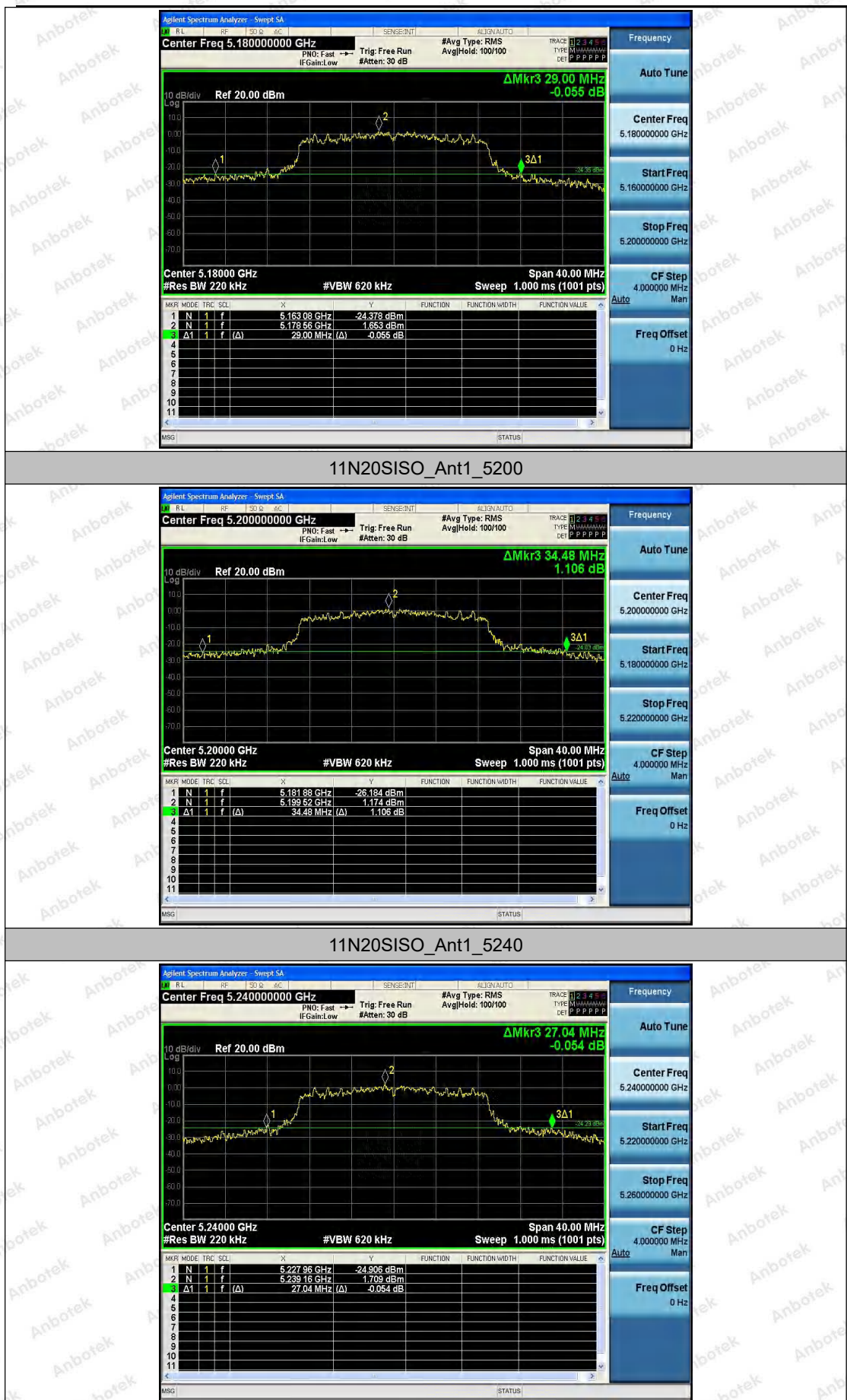
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11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



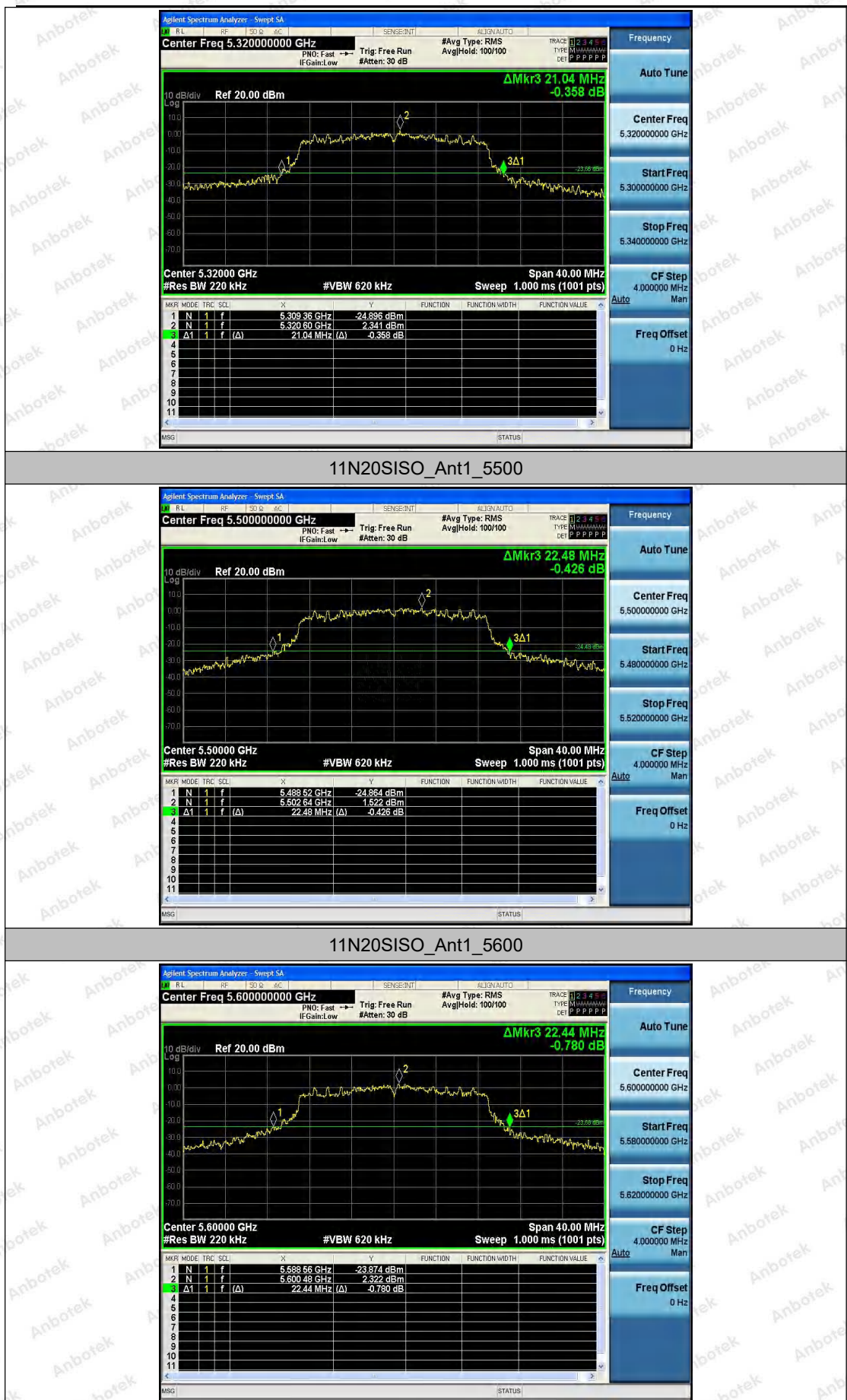
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11N20SISO_Ant1_5700



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785

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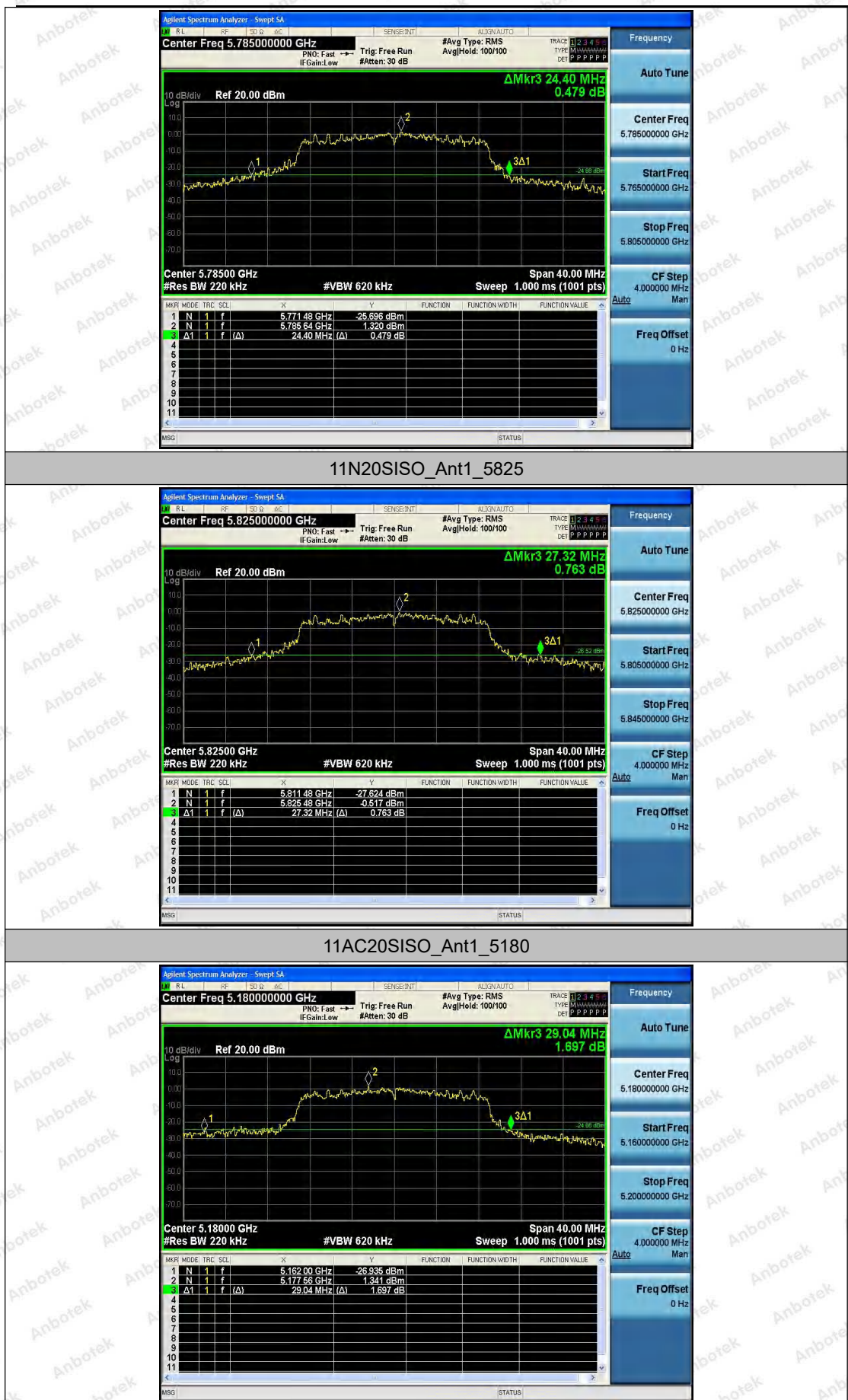
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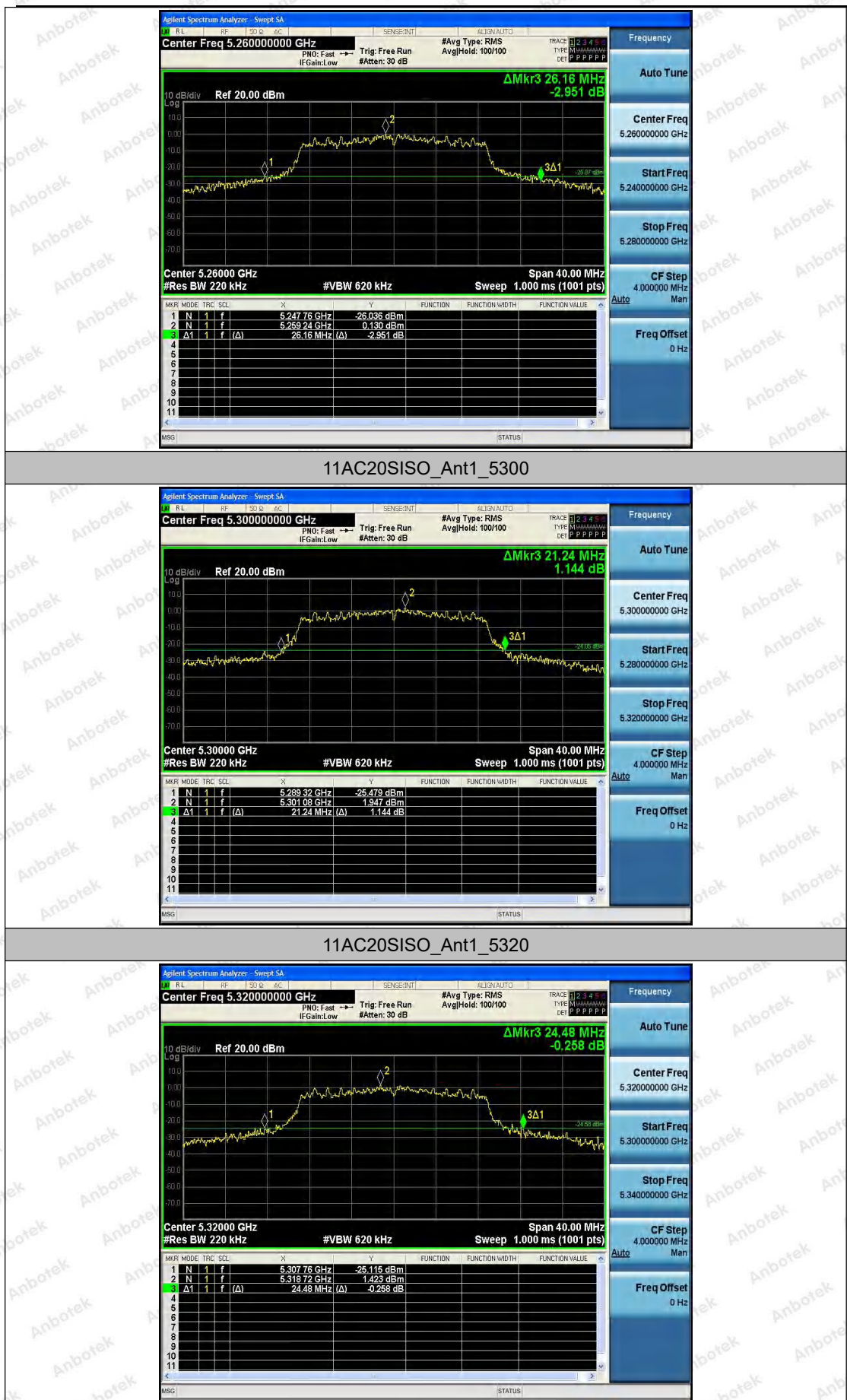
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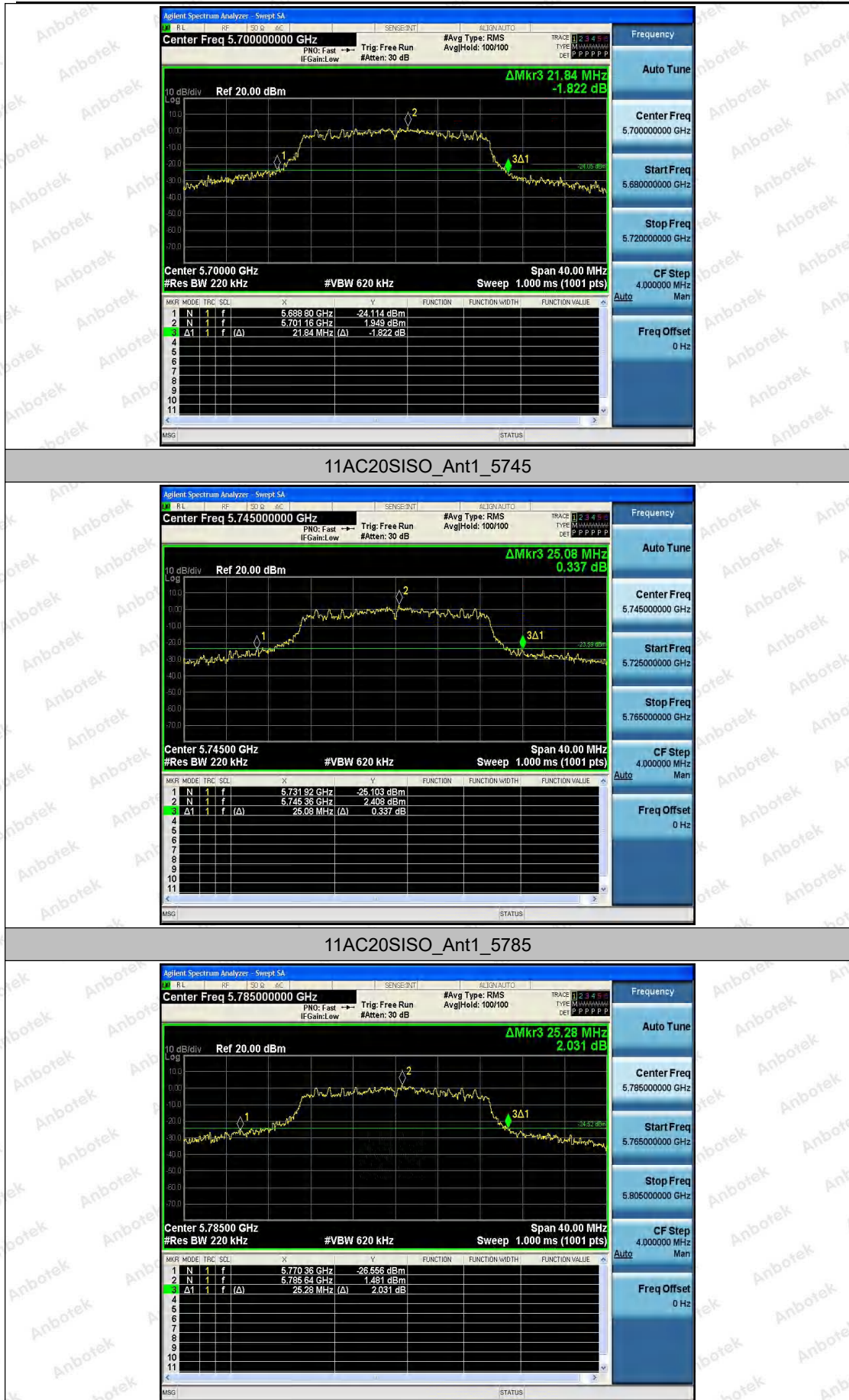
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Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.901	5171.482	5188.383	---	PASS
		5200	17.433	5191.285	5208.718	---	PASS
		5240	16.791	5231.646	5248.437	---	PASS
		5260	16.844	5251.534	5268.378	---	PASS
		5300	16.666	5291.705	5308.371	---	PASS
		5320	16.659	5311.657	5328.316	---	PASS
		5500	16.668	5491.719	5508.387	---	PASS
		5600	16.685	5591.685	5608.370	---	PASS
		5700	16.720	5691.602	5708.322	---	PASS
		5745	16.914	5736.586	5753.500	---	PASS
		5785	16.967	5776.443	5793.410	---	PASS
		5825	17.052	5816.513	5833.565	---	PASS
11N20SIS O	Ant1	5180	18.234	5170.833	5189.067	---	PASS
		5200	19.089	5190.709	5209.798	---	PASS
		5240	18.167	5230.929	5249.096	---	PASS
		5260	18.364	5250.840	5269.204	---	PASS
		5300	18.079	5290.992	5309.071	---	PASS
		5320	18.035	5310.937	5328.972	---	PASS
		5500	18.101	5490.967	5509.068	---	PASS
		5600	17.944	5591.024	5608.968	---	PASS
		5700	18.197	5690.798	5708.995	---	PASS
		5745	18.442	5735.734	5754.176	---	PASS
		5785	18.559	5775.488	5794.047	---	PASS
		5825	18.477	5815.706	5834.183	---	PASS
11AC20SI SO	Ant1	5180	18.387	5170.625	5189.012	---	PASS
		5200	18.571	5190.811	5209.382	---	PASS
		5240	18.315	5230.836	5249.151	---	PASS
		5260	18.560	5250.754	5269.314	---	PASS
		5300	18.091	5290.882	5308.973	---	PASS
		5320	18.171	5310.817	5328.988	---	PASS
		5500	18.110	5490.917	5509.027	---	PASS
		5600	18.078	5590.896	5608.974	---	PASS
		5700	18.130	5690.769	5708.899	---	PASS
		5745	18.513	5735.637	5754.150	---	PASS
		5785	18.479	5775.519	5793.998	---	PASS
		5825	18.532	5815.658	5834.190	---	PASS

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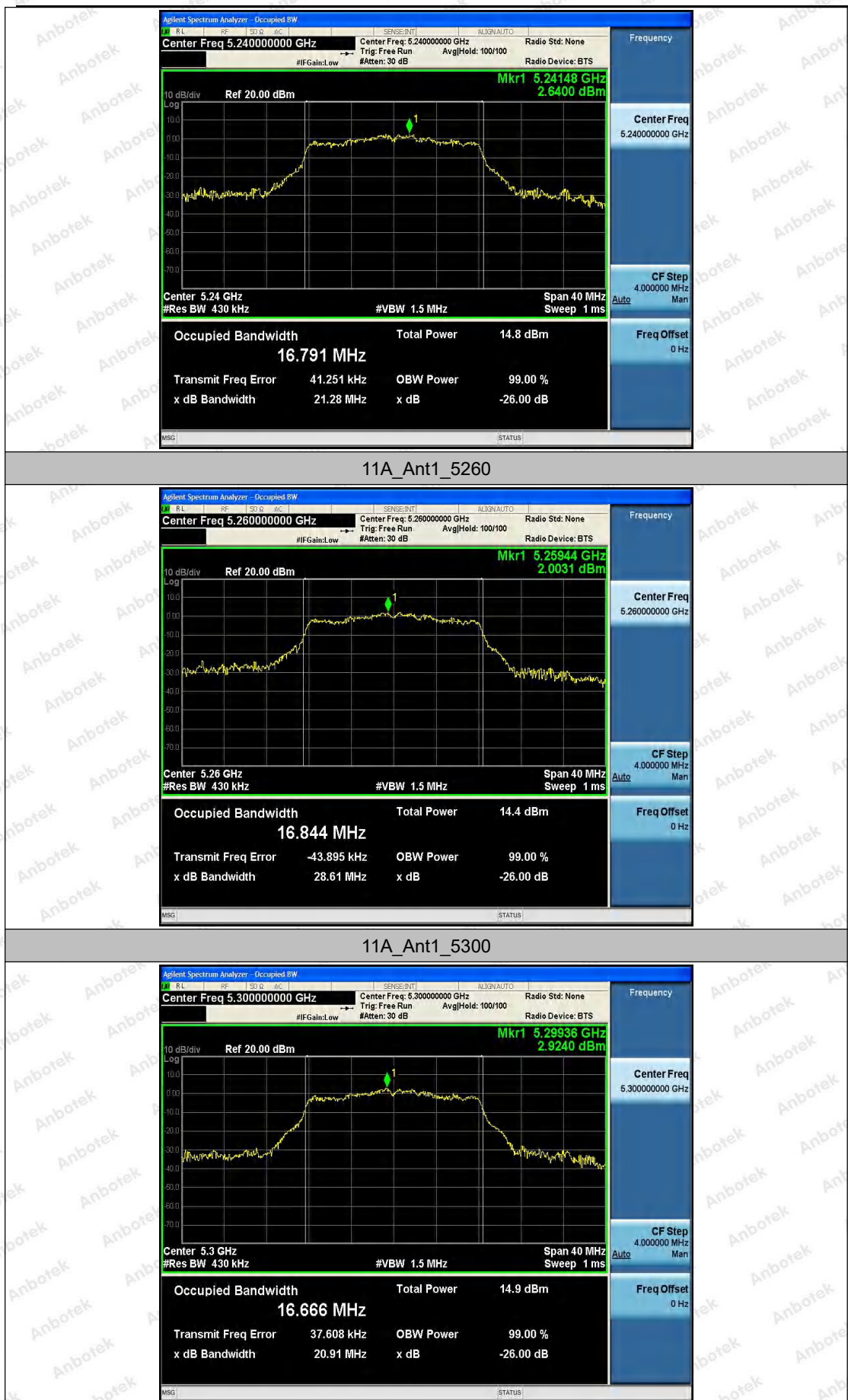
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Test Graphs





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11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5600

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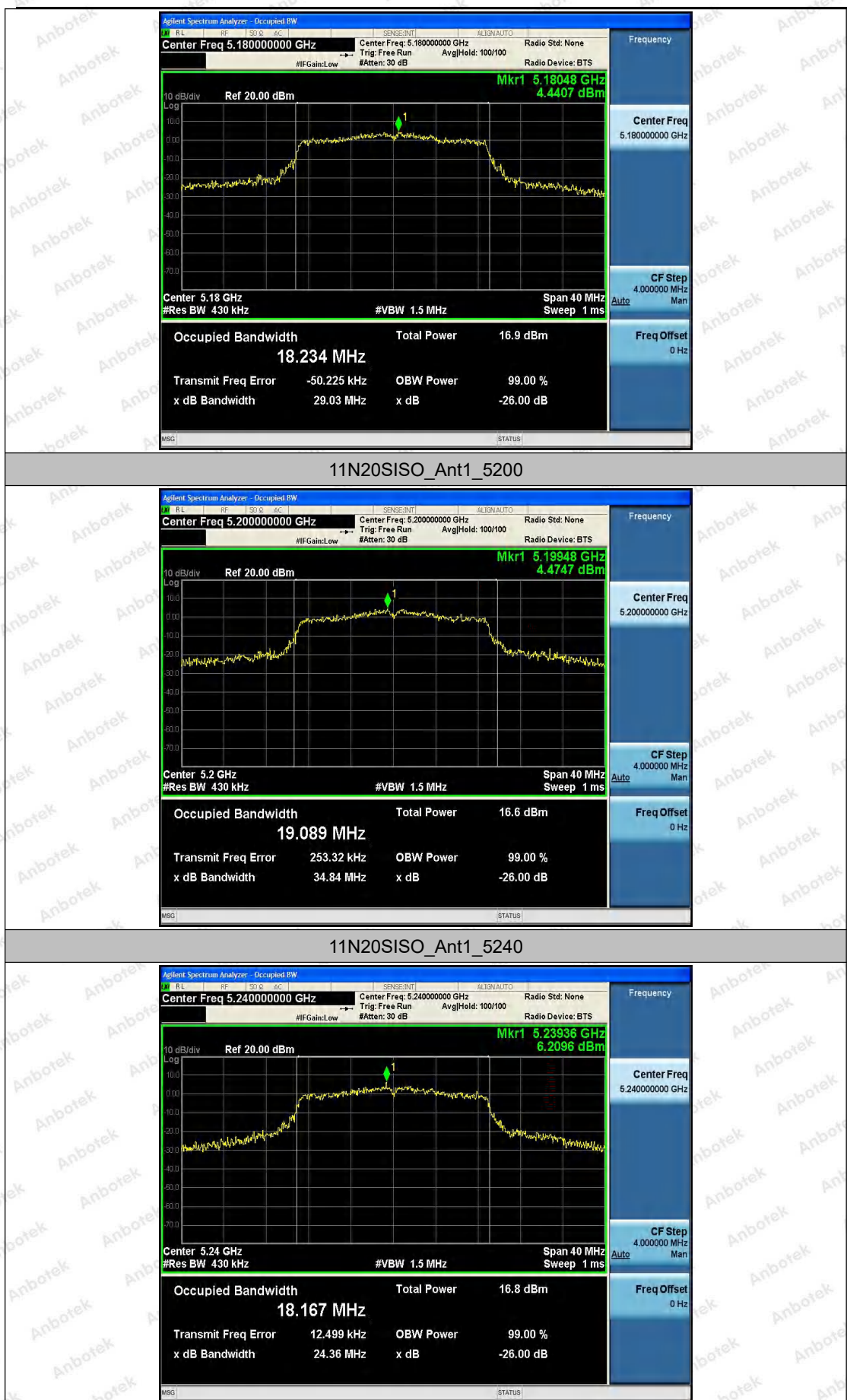
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



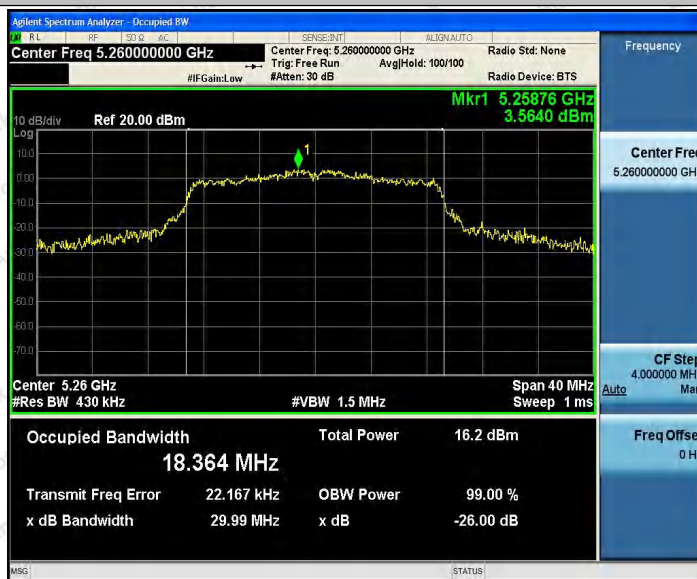
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11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



11N20SISO_Ant1_5320

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11N20SISO_Ant1_5700



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785

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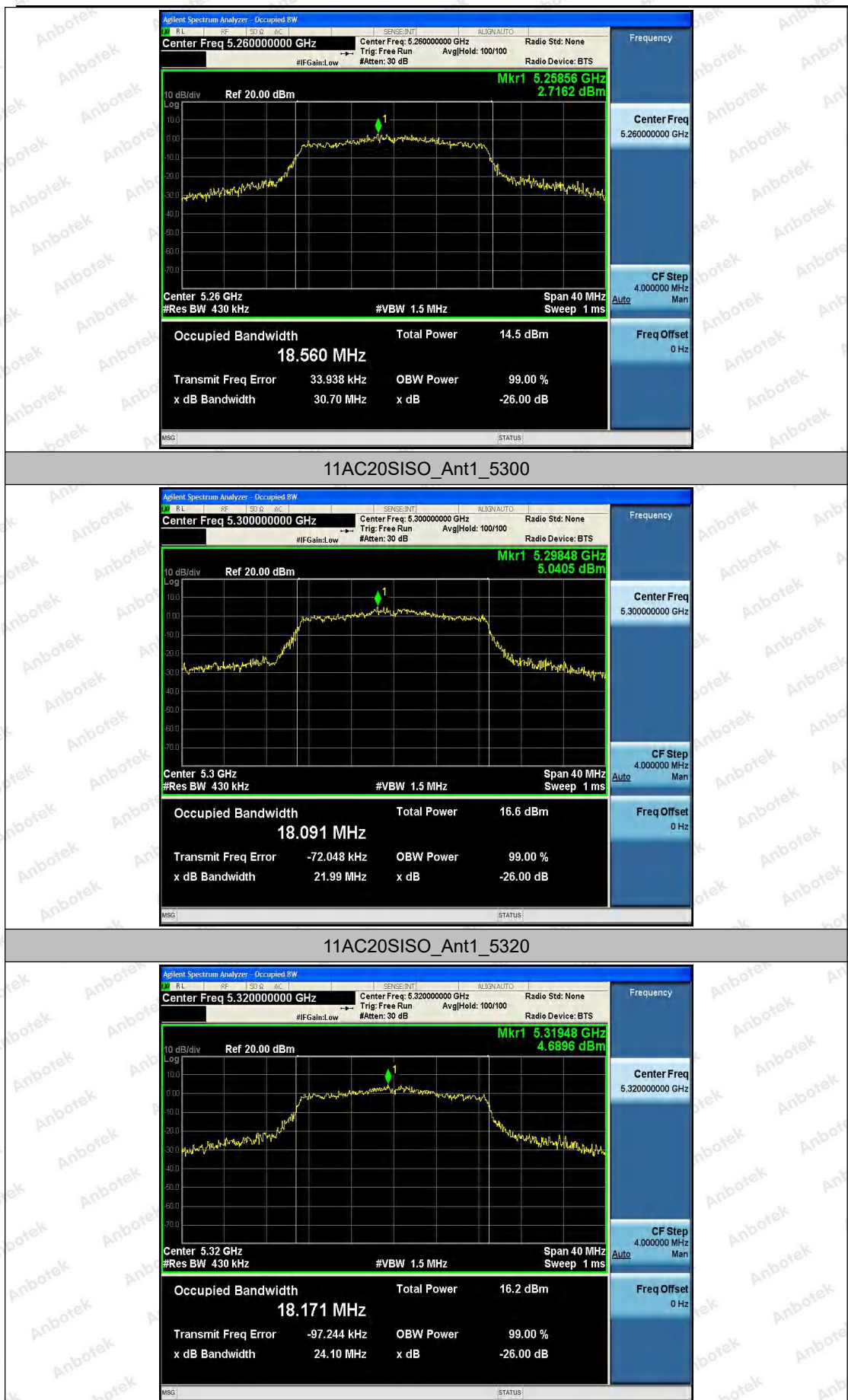
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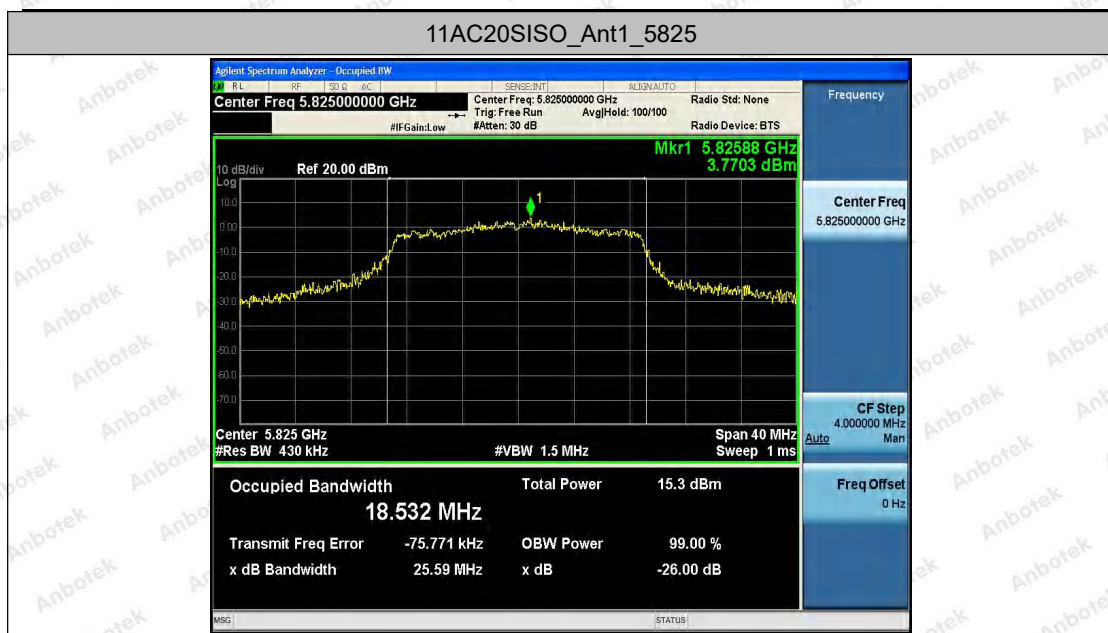


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Appendix A3: Min emission bandwidth

Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.560	5737.360	5752.920	0.5	PASS
		5785	15.440	5777.200	5792.640	0.5	PASS
		5825	15.720	5817.200	5832.920	0.5	PASS
11N20SISO	Ant1	5745	15.800	5737.400	5753.200	0.5	PASS
		5785	16.440	5776.200	5792.640	0.5	PASS
		5825	17.680	5816.200	5833.880	0.5	PASS
11AC20SISO	Ant1	5745	16.000	5737.200	5753.200	0.5	PASS
		5785	17.640	5776.200	5793.840	0.5	PASS
		5825	16.160	5817.360	5833.520	0.5	PASS

Test Graphs

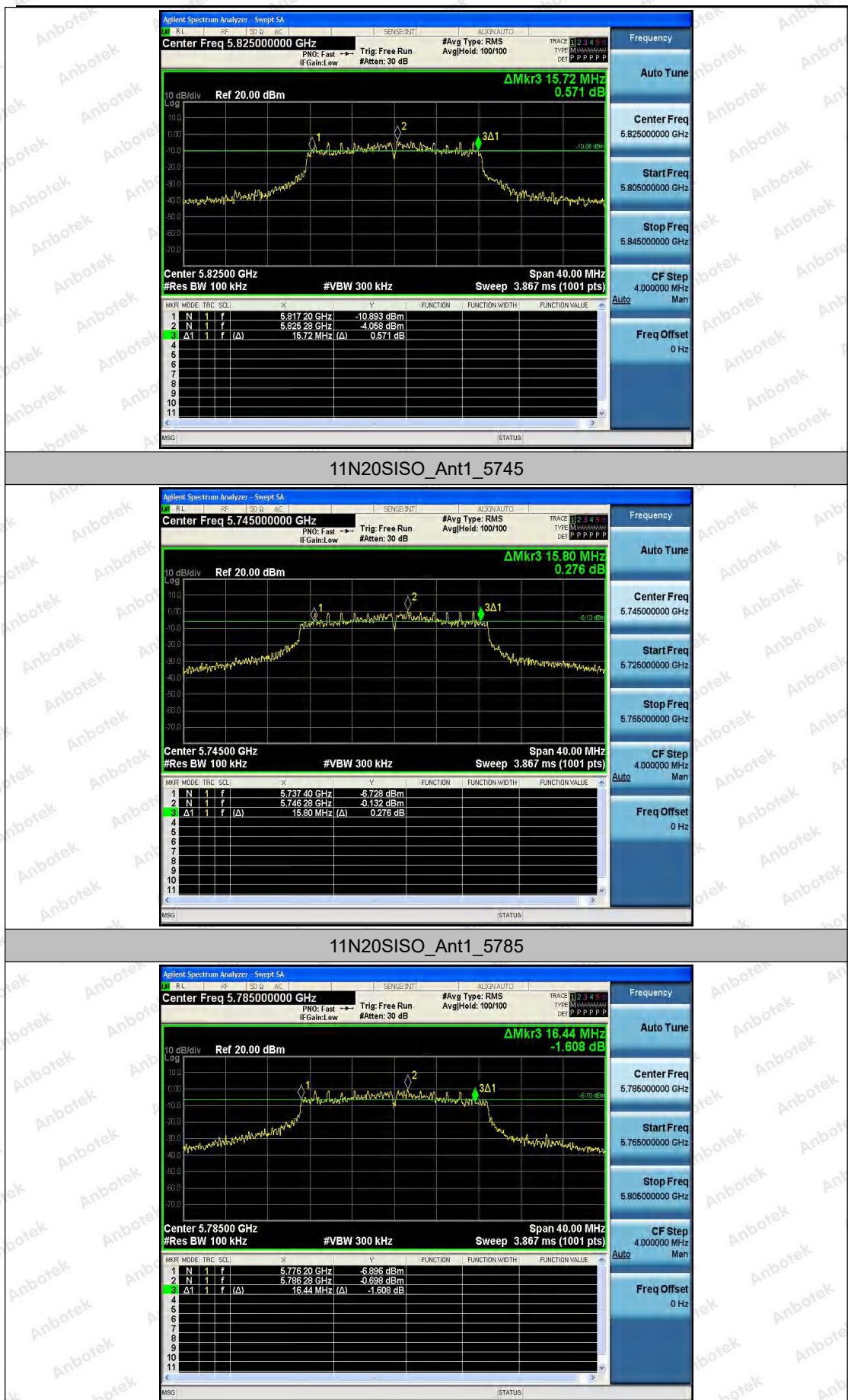


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11N20SISO_Ant1_5825



11AC20SISO_Ant1_5745



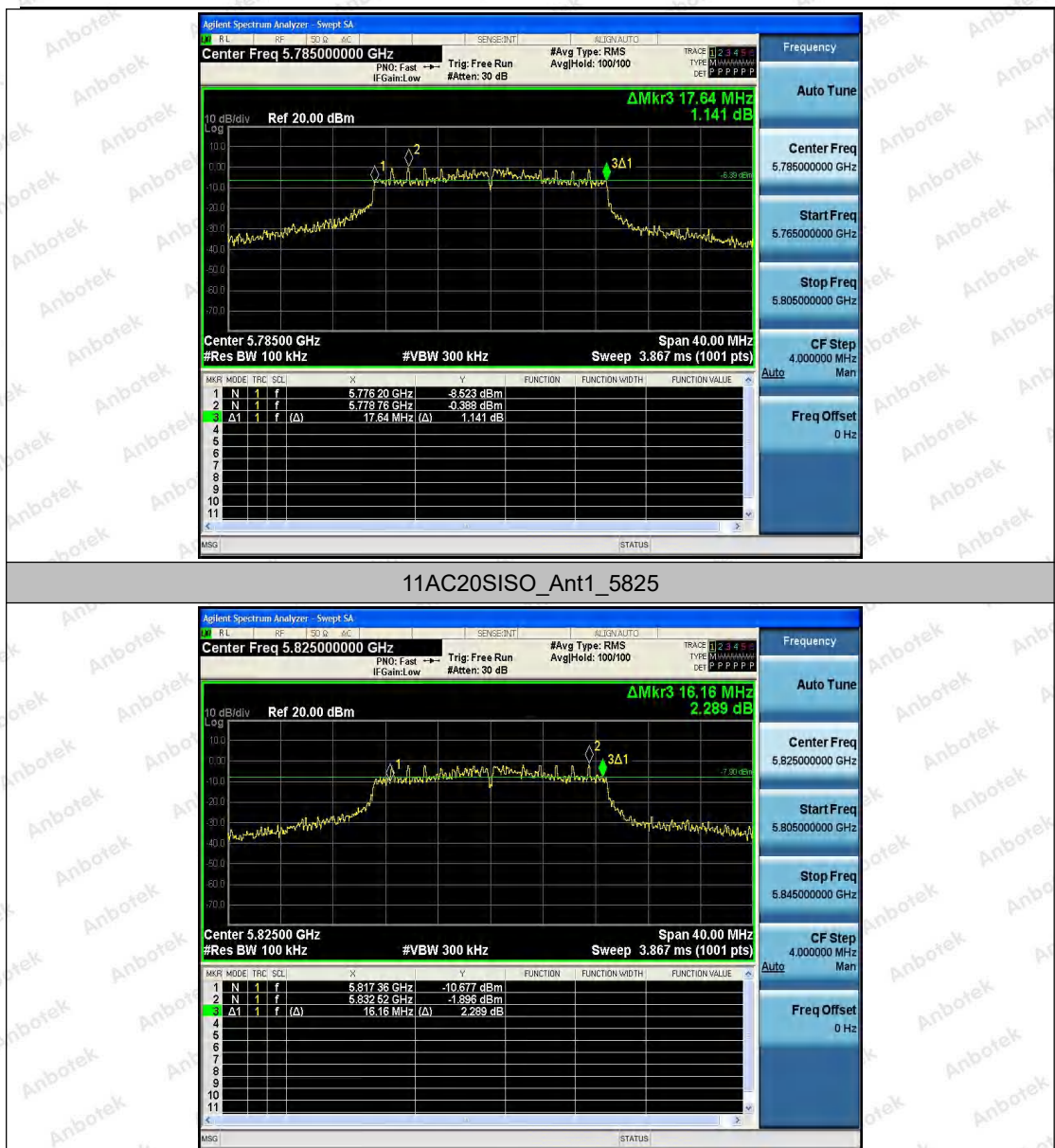
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Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	14.99	≤23.98	PASS
		5200	14.65	≤23.98	PASS
		5240	15.56	≤23.98	PASS
		5260	15.25	≤23.98	PASS
		5300	15.61	≤23.98	PASS
		5320	16.51	≤23.98	PASS
		5500	15.20	≤23.98	PASS
		5600	15.93	≤23.98	PASS
		5700	16.12	≤23.98	PASS
		5745	15.84	≤30	PASS
		5785	15.32	≤30	PASS
		5825	16.62	≤30	PASS
11N20SISO	Ant1	5180	13.16	≤23.98	PASS
		5200	13.92	≤23.98	PASS
		5240	14.98	≤23.98	PASS
		5260	13.23	≤23.98	PASS
		5300	13.29	≤23.98	PASS
		5320	14.06	≤23.98	PASS
		5500	13.53	≤23.98	PASS
		5600	13.79	≤23.98	PASS
		5700	14.80	≤23.98	PASS
		5745	13.11	≤30	PASS
		5785	13.52	≤30	PASS
		5825	14.31	≤30	PASS
11AC20SISO	Ant1	5180	12.64	≤23.98	PASS
		5200	12.13	≤23.98	PASS
		5240	13.32	≤23.98	PASS
		5260	13.48	≤23.98	PASS
		5300	13.46	≤23.98	PASS
		5320	14.87	≤23.98	PASS
		5500	13.69	≤23.98	PASS
		5600	13.89	≤23.98	PASS
		5700	14.51	≤23.98	PASS
		5745	13.30	≤30	PASS
		5785	13.04	≤30	PASS
		5825	14.41	≤30	PASS

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

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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	6.43	≤11	PASS
		5200	5.63	≤11	PASS
		5240	6.28	≤11	PASS
		5260	6.58	≤11	PASS
		5300	6.43	≤11	PASS
		5320	6.18	≤11	PASS
		5500	5.47	≤11	PASS
		5600	7	≤11	PASS
		5700	6.43	≤11	PASS
11N20SISO	Ant1	5180	8.28	≤11	PASS
		5200	8.65	≤11	PASS
		5240	7.44	≤11	PASS
		5260	7.72	≤11	PASS
		5300	8.56	≤11	PASS
		5320	6.96	≤11	PASS
		5500	8.58	≤11	PASS
		5600	8.81	≤11	PASS
		5700	8.22	≤11	PASS
11AC20SISO	Ant1	5180	7.44	≤11	PASS
		5200	7.59	≤11	PASS
		5240	8.27	≤11	PASS
		5260	8.04	≤11	PASS
		5300	7.24	≤11	PASS
		5320	8.29	≤11	PASS
		5500	7.32	≤11	PASS
		5600	8.33	≤11	PASS
		5700	7.99	≤11	PASS

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TestMode	Antenna	Channel	Result [dBm/500KHz]	Limit [dBm/500KHz]	Verdict
11A	Ant1	5745	3.23	≤30	PASS
		5785	2.98	≤30	PASS
		5825	0.74	≤30	PASS
11N20SISO	Ant1	5745	4.73	≤30	PASS
		5785	3.52	≤30	PASS
		5825	3.48	≤30	PASS
11AC20SISO	Ant1	5745	4.18	≤30	PASS
		5785	4.04	≤30	PASS
		5825	3.61	≤30	PASS

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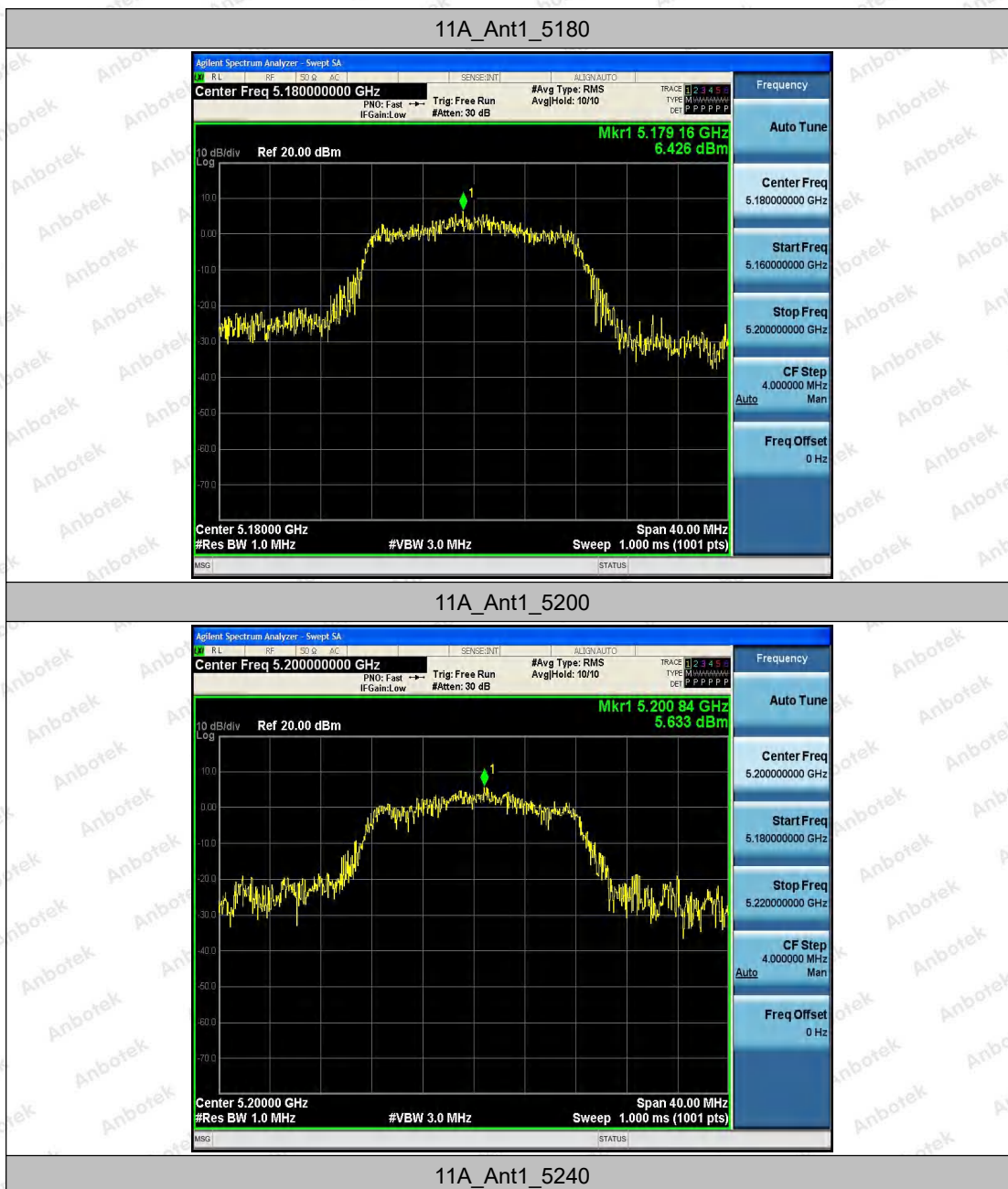


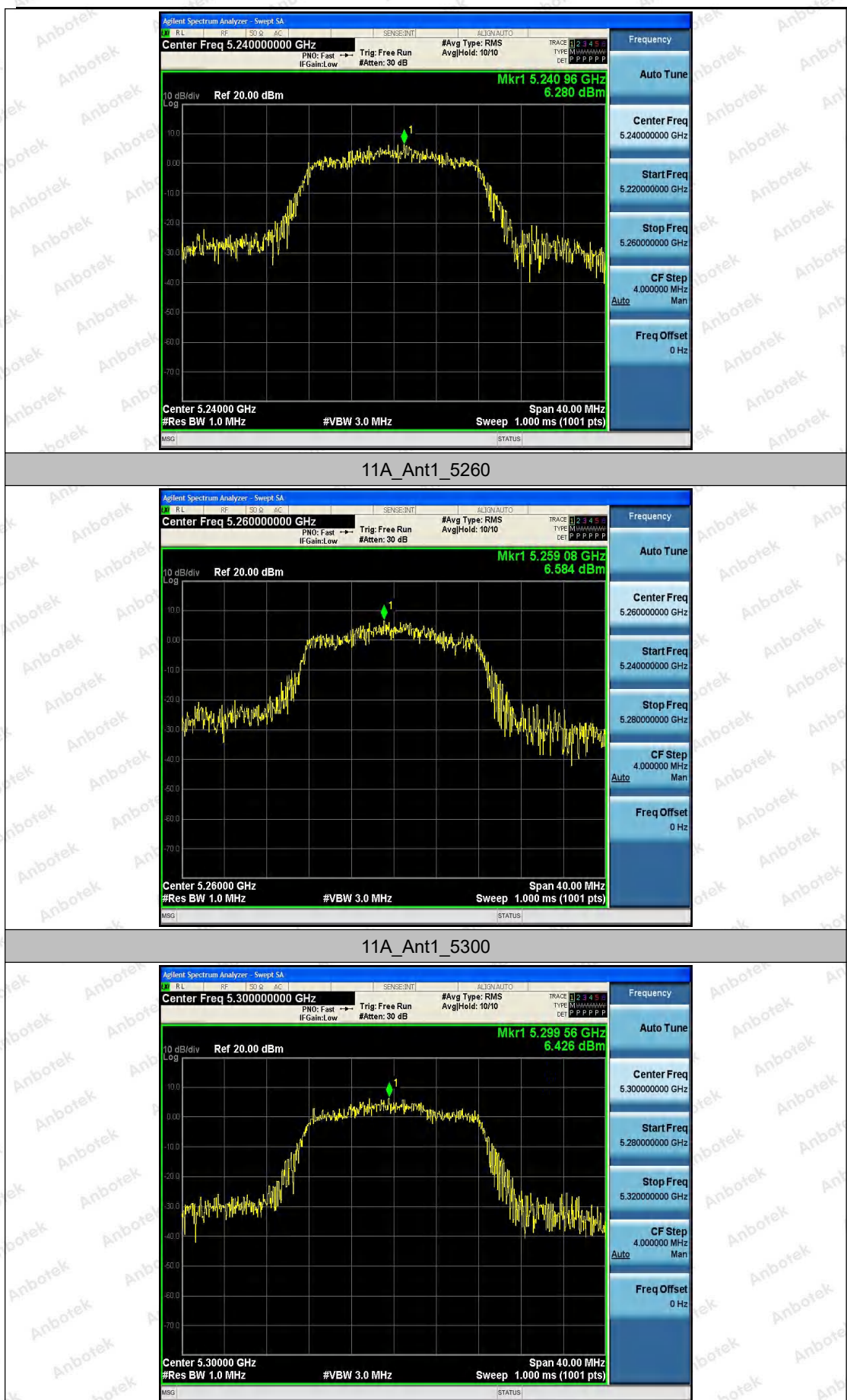
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Test Graphs





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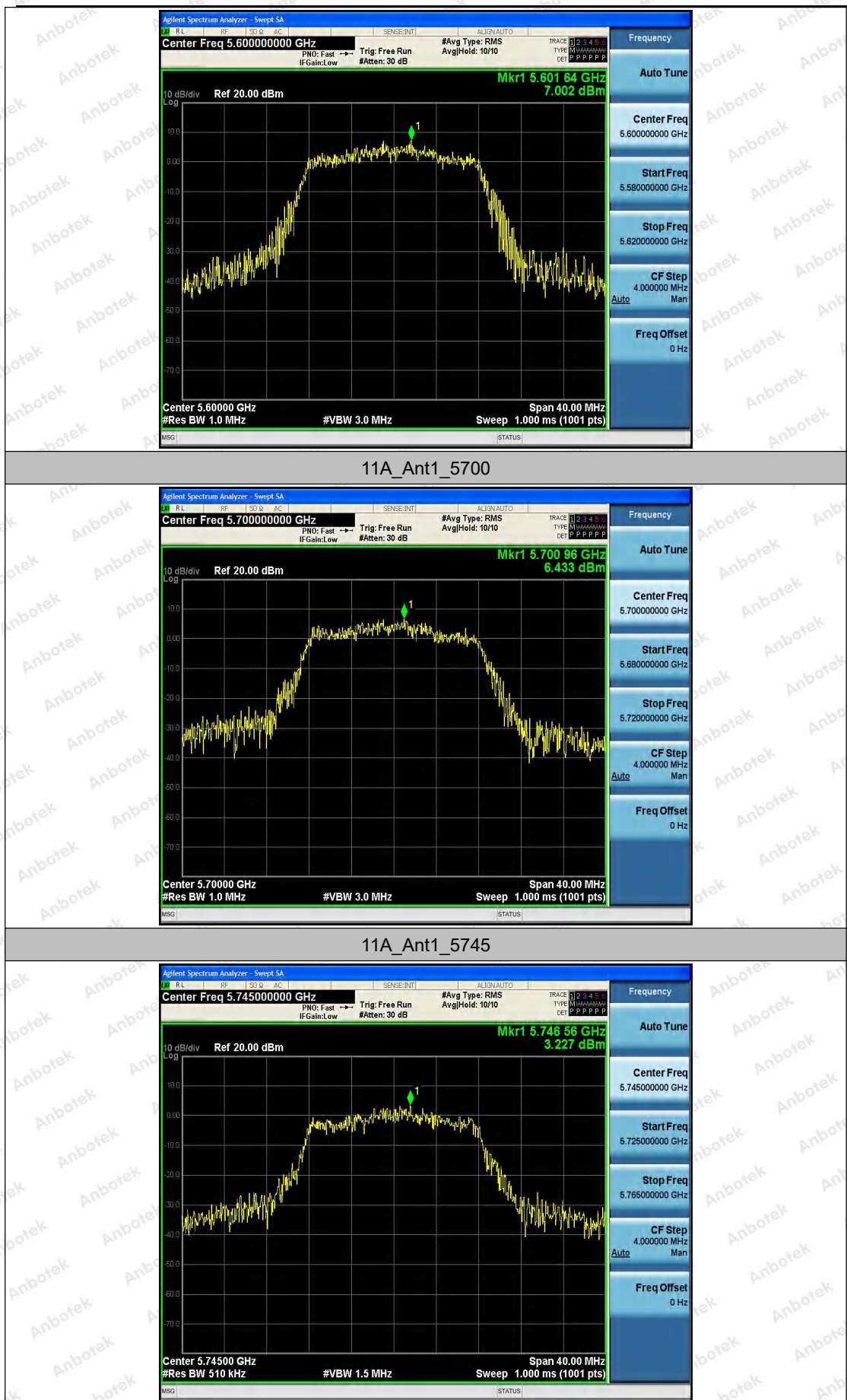
11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5600



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