

Appendix Test Data

Report No.:	18220WC20272104	Test Sample No.:	1-2-2
Start Test Date:	2022.11.25	Finish Test Date:	2022.12.6
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	47 %
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	34.720	5163.000	5197.720
		5200	34.640	5181.720	5216.360
		5240	34.000	5221.720	5255.720
		5745	39.400	5725.600	5765.000
		5785	40.000	5765.000	5805.000
		5825	40.000	5805.000	5845.000
11N20SISO	Ant1	5180	36.640	5161.800	5198.440
		5200	21.360	5189.080	5210.440
		5240	37.480	5220.440	5257.920
		5745	39.880	5725.120	5765.000
		5785	40.000	5765.000	5805.000
		5825	39.880	5805.120	5845.000
11N40SISO	Ant1	5190	79.680	5150.080	5229.760
		5230	77.920	5190.560	5268.480
		5755	79.760	5715.240	5795.000
		5795	80.000	5755.000	5835.000
11AC20SISO	Ant1	5180	35.920	5161.440	5197.360
		5200	35.120	5181.880	5217.000
		5240	37.840	5220.600	5258.440
		5745	39.000	5725.960	5764.960
		5785	39.960	5765.000	5804.960
		5825	39.960	5805.000	5844.960
11AC40SISO	Ant1	5190	77.840	5150.160	5228.000

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		5230	76.800	5190.640	5267.440
		5755	80.000	5715.000	5795.000
		5795	80.000	5755.000	5835.000

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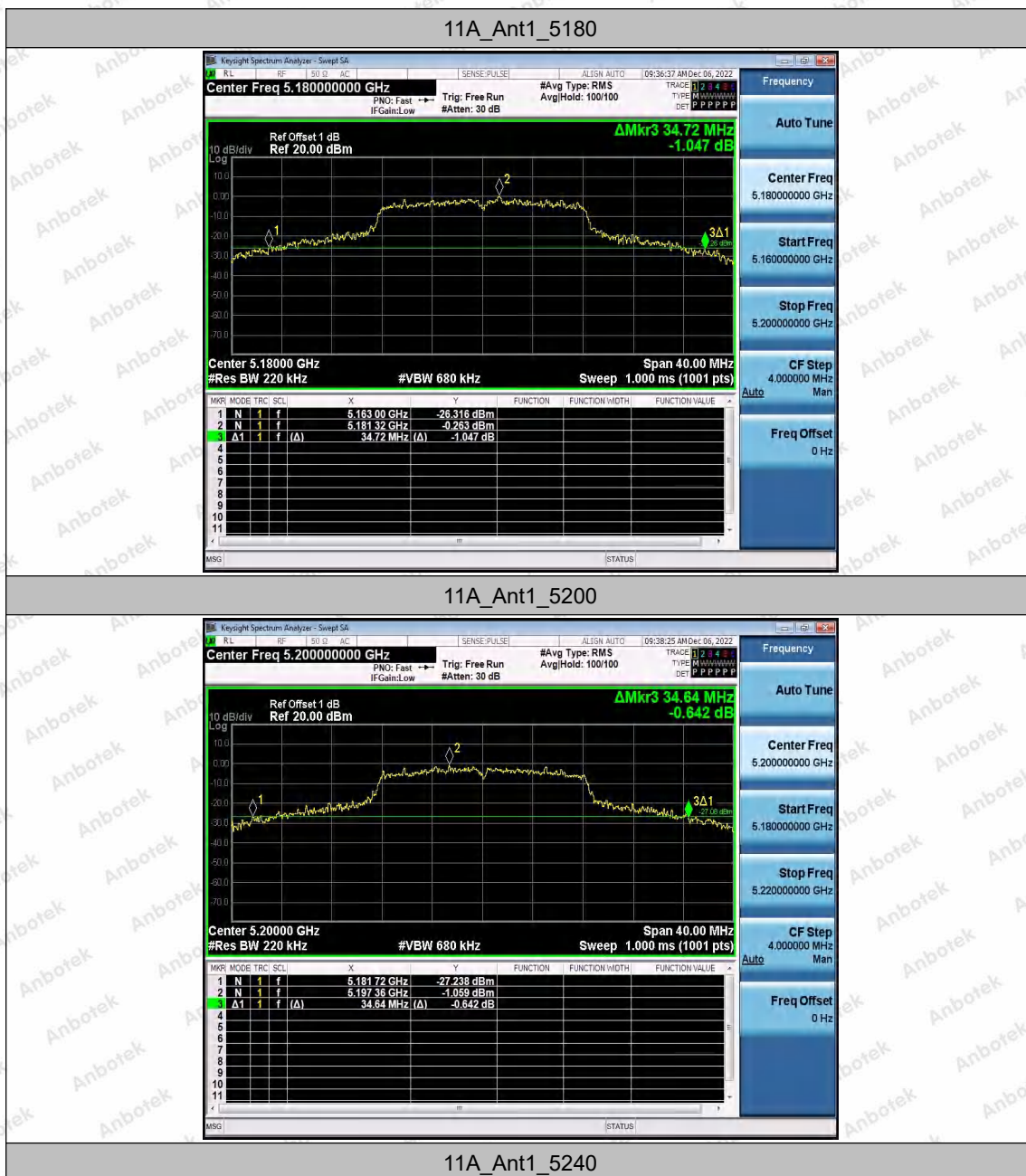
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Test Graphs



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11A_Ant1_5745



11A_Ant1_5785



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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

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11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

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11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

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11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



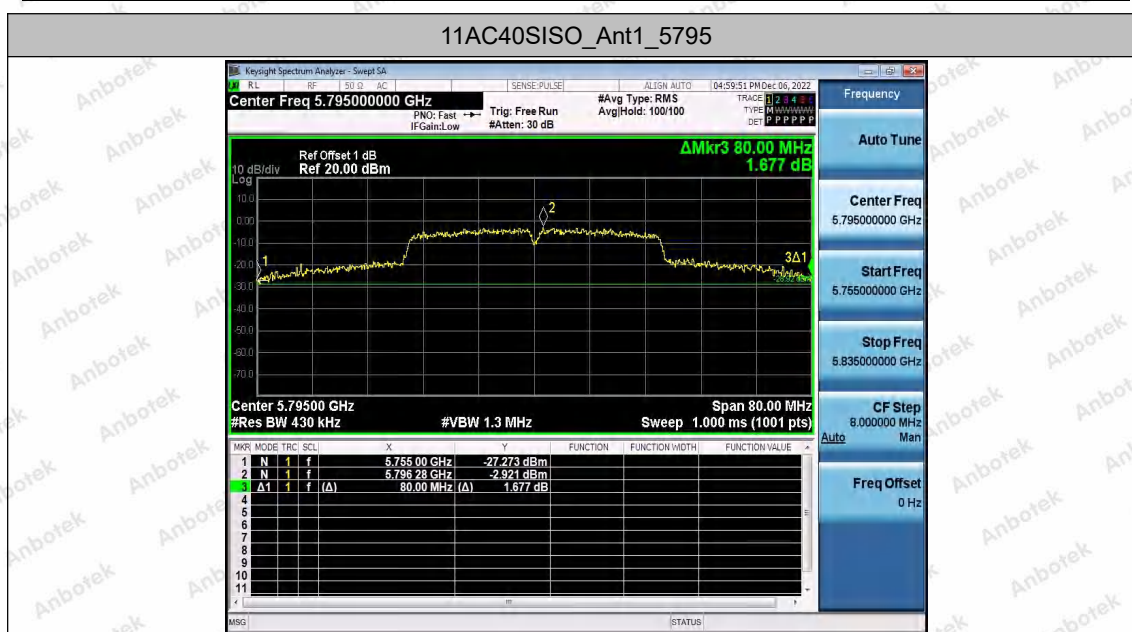
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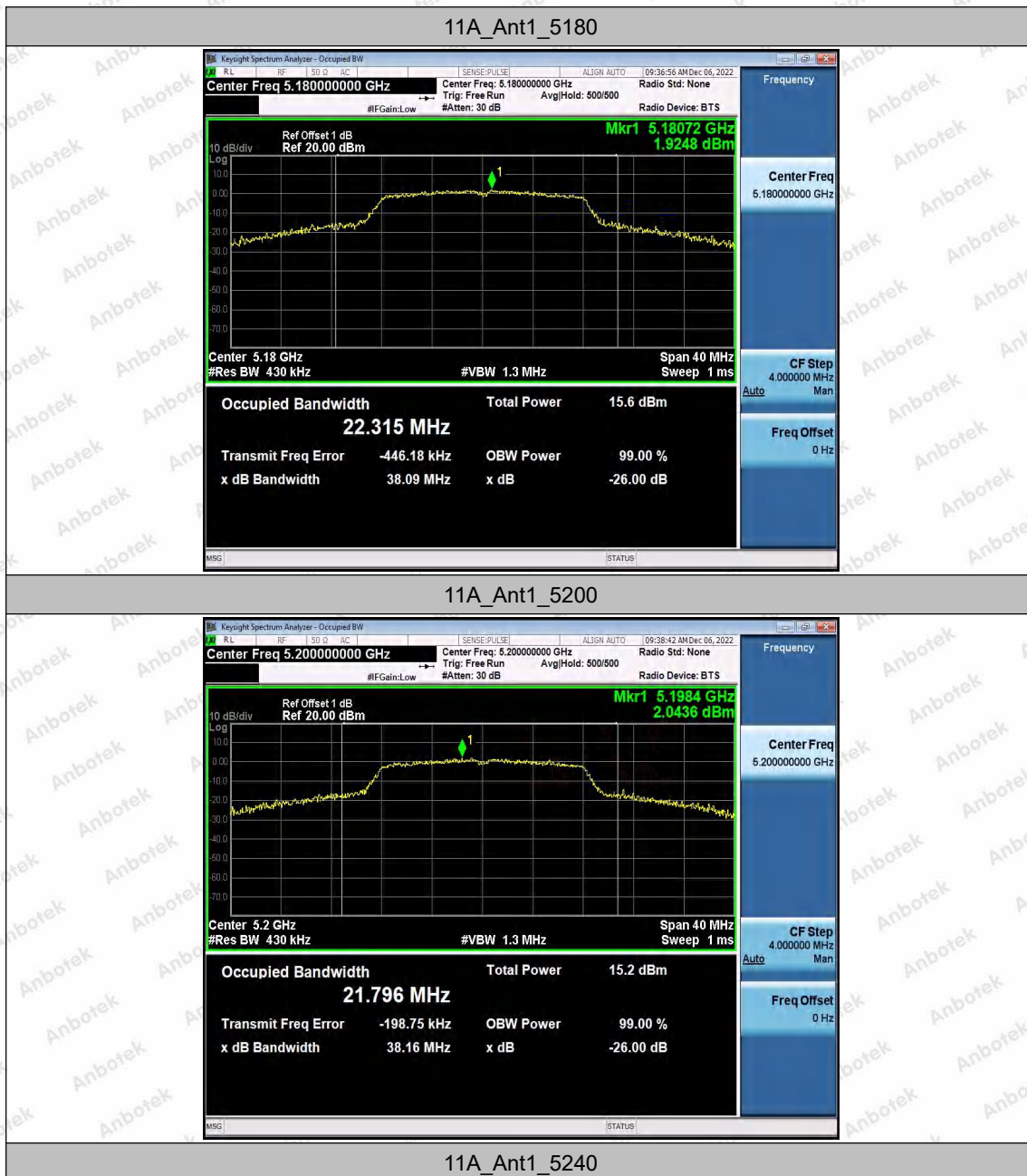
Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	22.315	5168.3963	5190.7113
		5200	21.796	5188.9033	5210.6993
		5240	20.742	5229.5995	5250.3415
		5745	26.200	5732.4227	5758.6227
		5785	29.216	5770.6960	5799.9120
		5825	28.640	5811.0069	5839.6469
11N20SISO	Ant1	5180	23.250	5168.1633	5191.4133
		5200	18.051	5190.9841	5209.0351
		5240	21.470	5229.0452	5250.5152
		5745	28.208	5731.4364	5759.6444
		5785	28.493	5771.0747	5799.5677
		5825	28.522	5811.0704	5839.5924
11N40SISO	Ant1	5190	44.933	5165.1747	5210.1077
		5230	43.332	5206.5563	5249.8883
		5755	54.908	5729.1810	5784.0890
		5795	57.258	5767.1214	5824.3794
11AC20SISO	Ant1	5180	22.960	5167.9199	5190.8799
		5200	22.391	5188.2631	5210.6541
		5240	21.169	5229.1534	5250.3224
		5745	27.071	5732.0991	5759.1701
		5785	28.010	5771.3257	5799.3357
		5825	28.406	5811.0429	5839.4489
11AC40SISO	Ant1	5190	44.664	5165.4743	5210.1383
		5230	42.707	5206.6835	5249.3905
		5755	55.005	5729.0980	5784.1030
		5795	57.507	5767.2094	5824.7164



Test Graphs



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11A_Ant1_5745



11A_Ant1_5785



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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

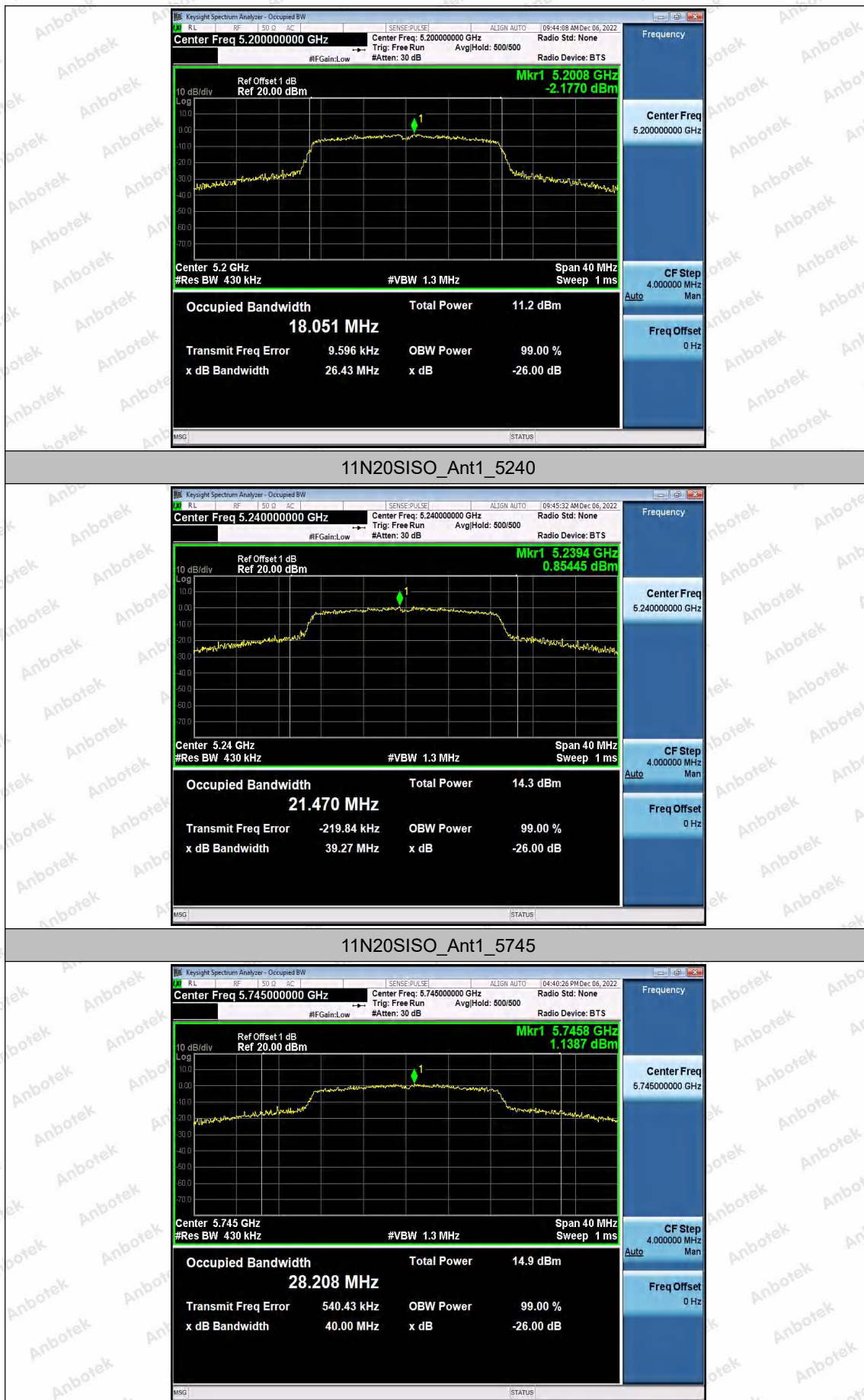
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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

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11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

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11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

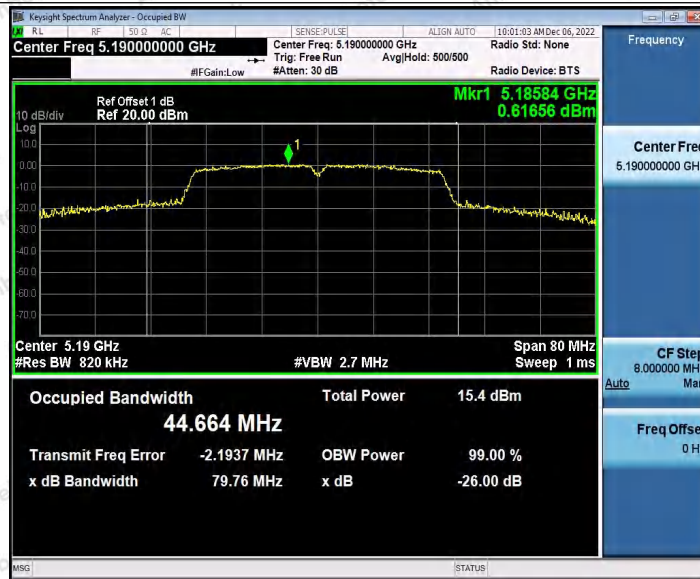
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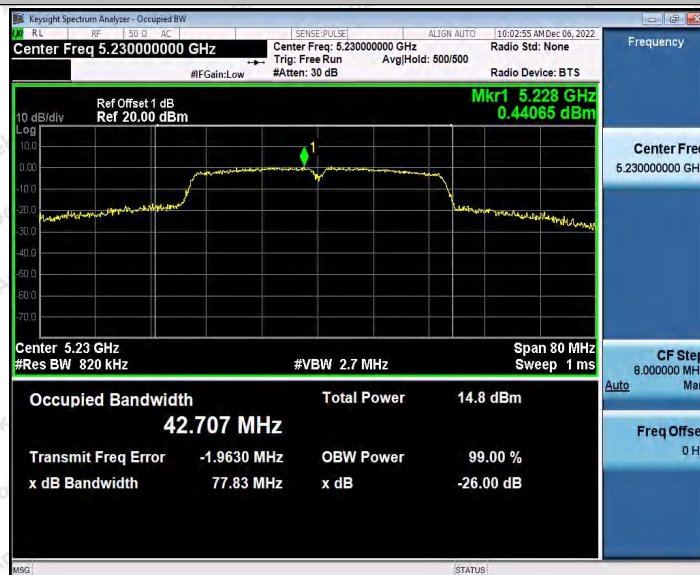


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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



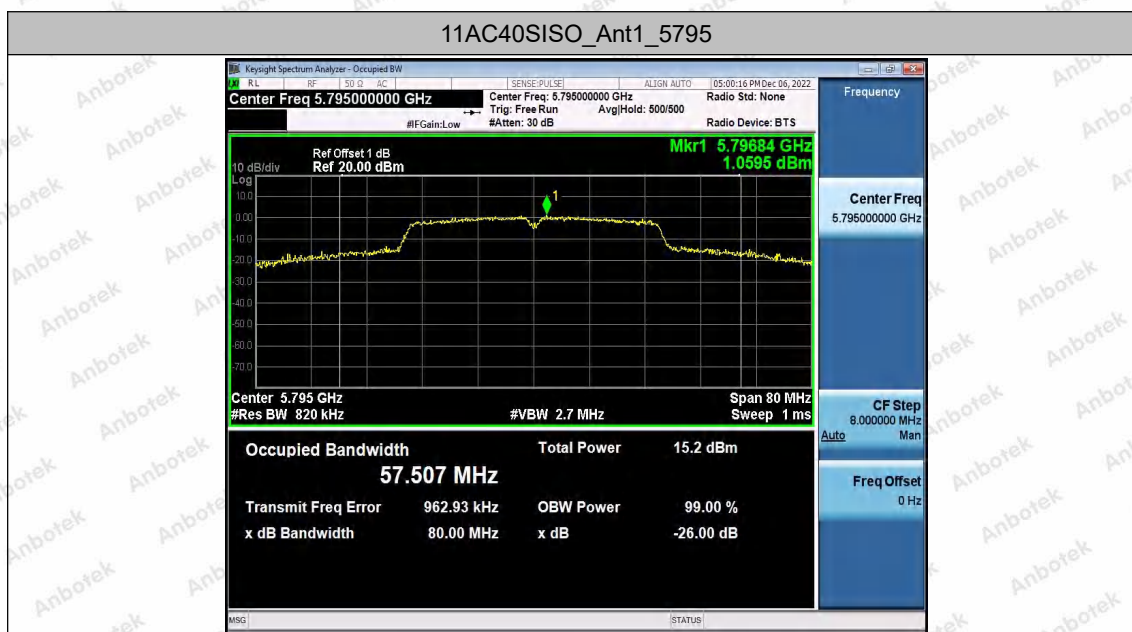
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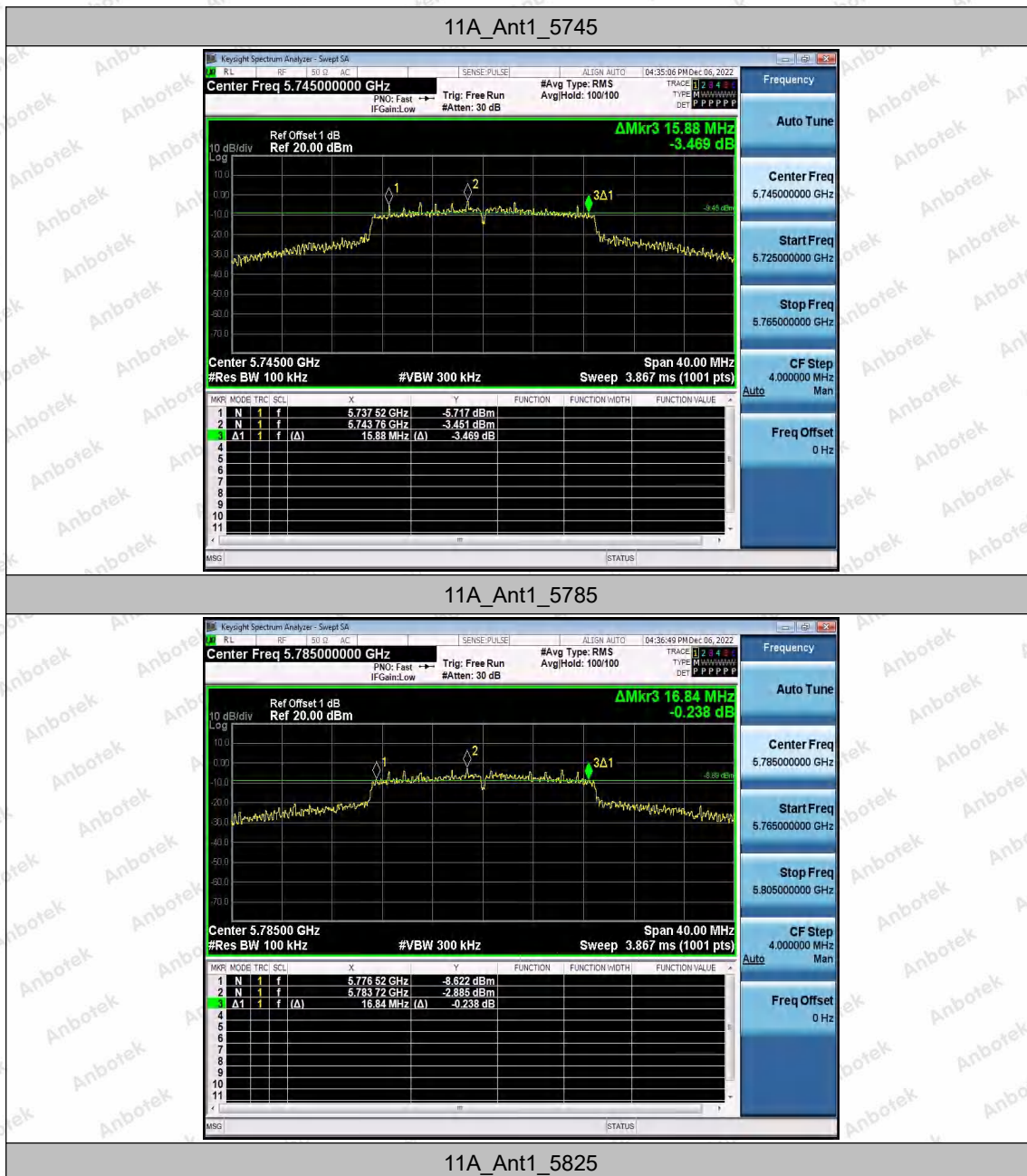
Appendix A3: Min emission bandwidth

Test Result B4

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.880	5737.520	5753.400	0.5	PASS
		5785	16.840	5776.520	5793.360	0.5	PASS
		5825	16.120	5816.480	5832.600	0.5	PASS
11N20SISO	Ant1	5745	17.160	5736.280	5753.440	0.5	PASS
		5785	16.760	5776.640	5793.400	0.5	PASS
		5825	14.000	5818.560	5832.560	0.5	PASS
11N40SISO	Ant1	5755	34.080	5738.440	5772.520	0.5	PASS
		5795	35.280	5777.480	5812.760	0.5	PASS
11AC20SISO	Ant1	5745	15.400	5737.200	5752.600	0.5	PASS
		5785	14.960	5777.560	5792.520	0.5	PASS
		5825	15.360	5817.200	5832.560	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS



Test Graphs B4



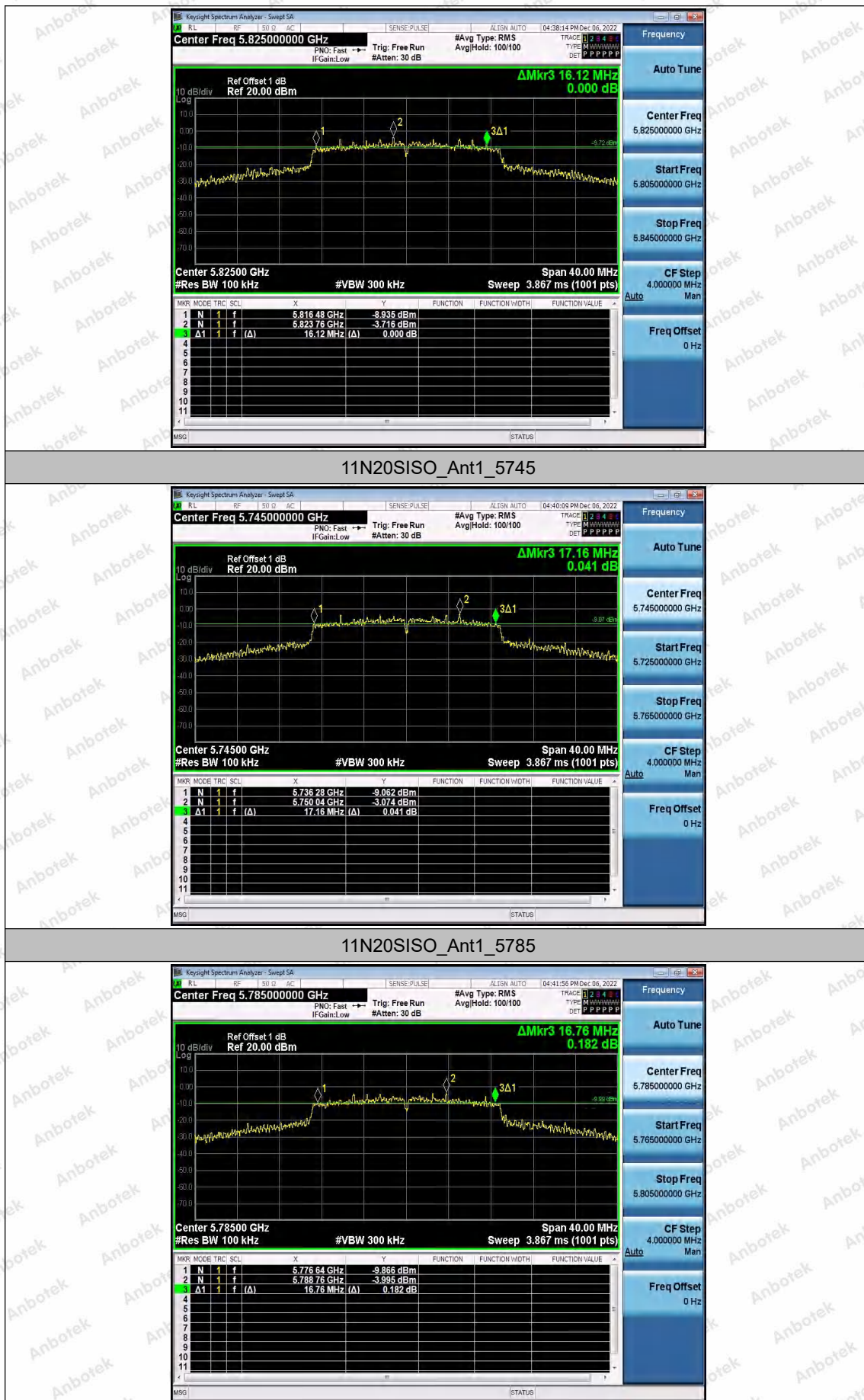
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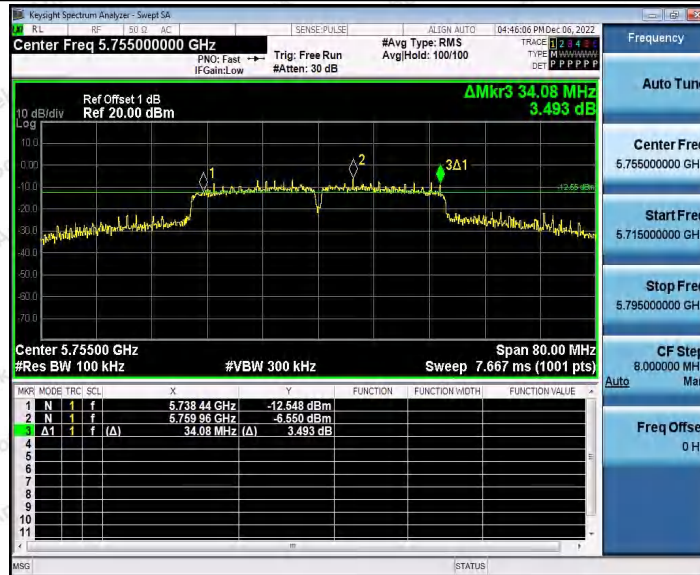
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

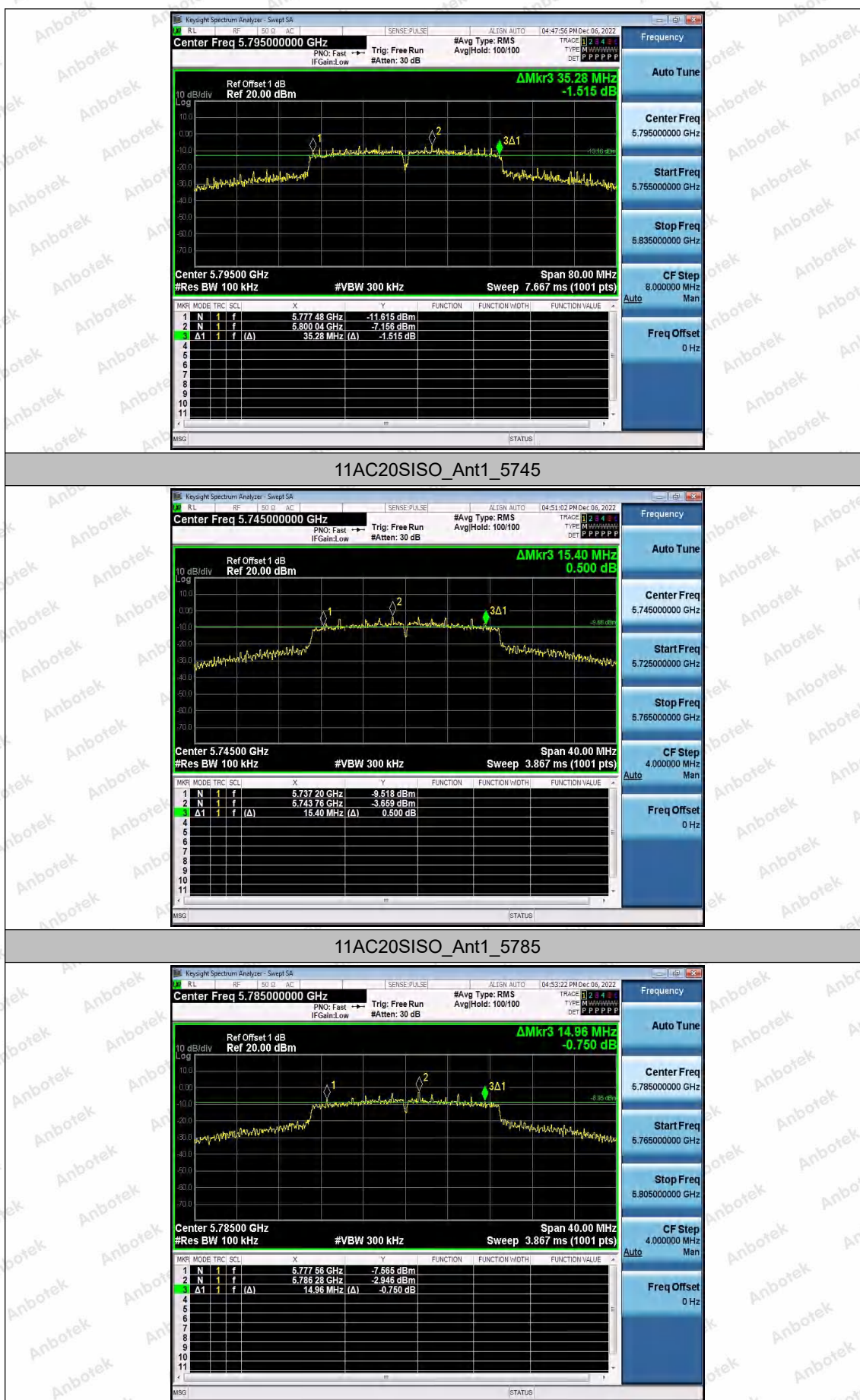
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11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

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Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.43	97.20
		5200	1.40	1.43	97.90
		5240	1.39	1.42	97.89
		5745	1.30	1.34	97.01
		5785	1.30	1.33	97.74
		5825	1.30	1.34	97.01
11N20SISO	Ant1	5180	1.30	1.34	97.01
		5200	1.30	1.33	97.74
		5240	1.30	1.34	97.01
		5745	1.30	1.34	97.01
		5785	1.30	1.34	97.01
		5825	1.30	1.34	97.01
11N40SISO	Ant1	5190	0.65	0.68	95.59
		5230	0.65	0.69	94.20
		5755	0.65	0.68	95.59
		5795	0.65	0.69	94.20
11AC20SISO	Ant1	5180	1.30	1.34	97.01
		5200	1.30	1.34	97.01
		5240	1.30	1.34	97.01
		5745	1.30	1.33	97.74
		5785	1.30	1.34	97.01
		5825	1.30	1.34	97.01
11AC40SISO	Ant1	5190	0.65	0.68	95.59
		5230	0.65	0.68	95.59
		5755	0.65	0.69	94.20
		5795	0.65	0.69	94.20

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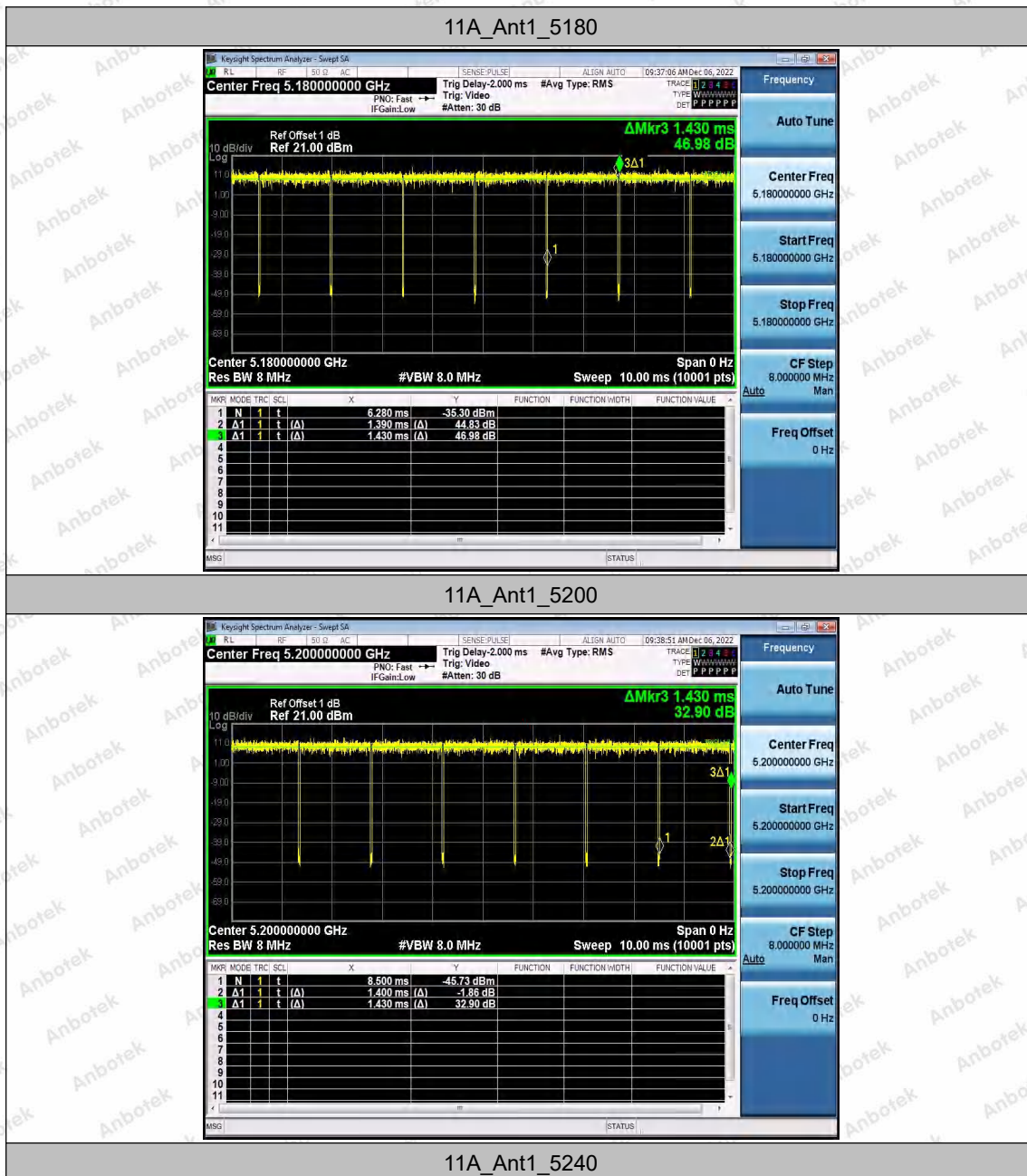
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Test Graphs



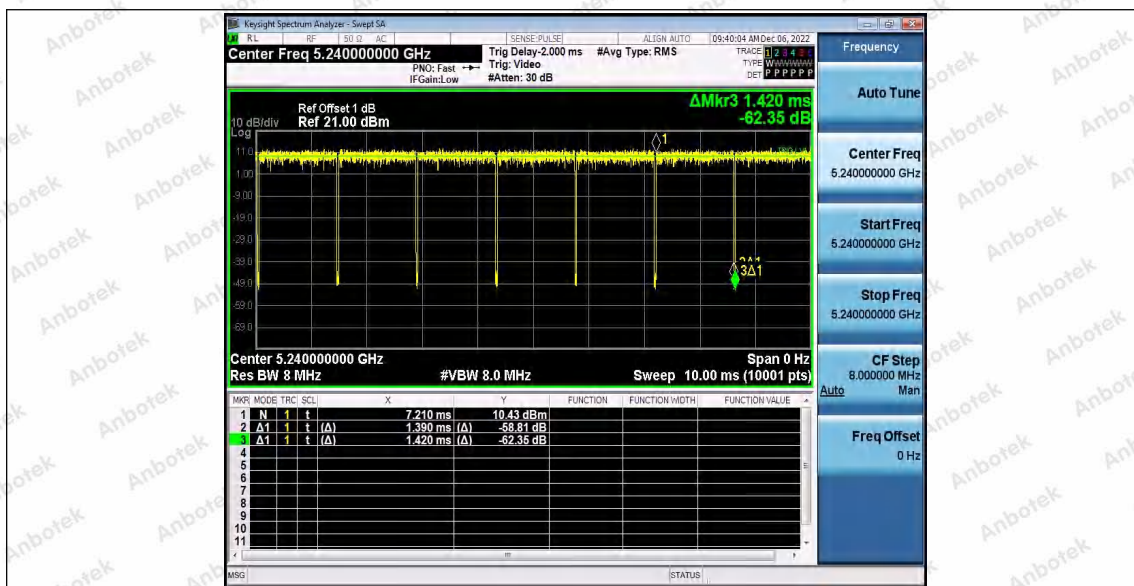
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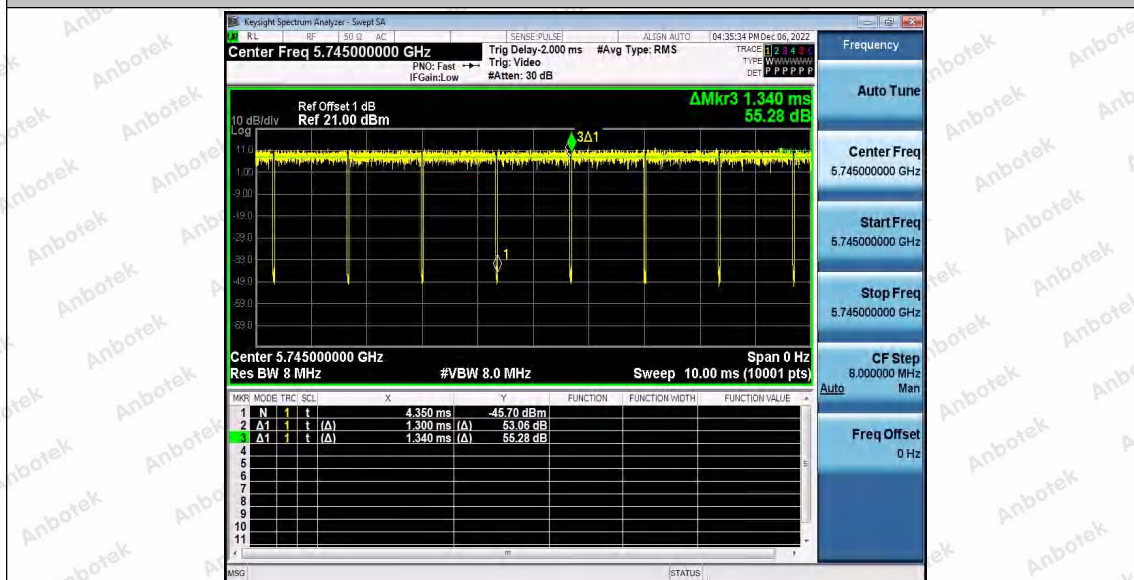


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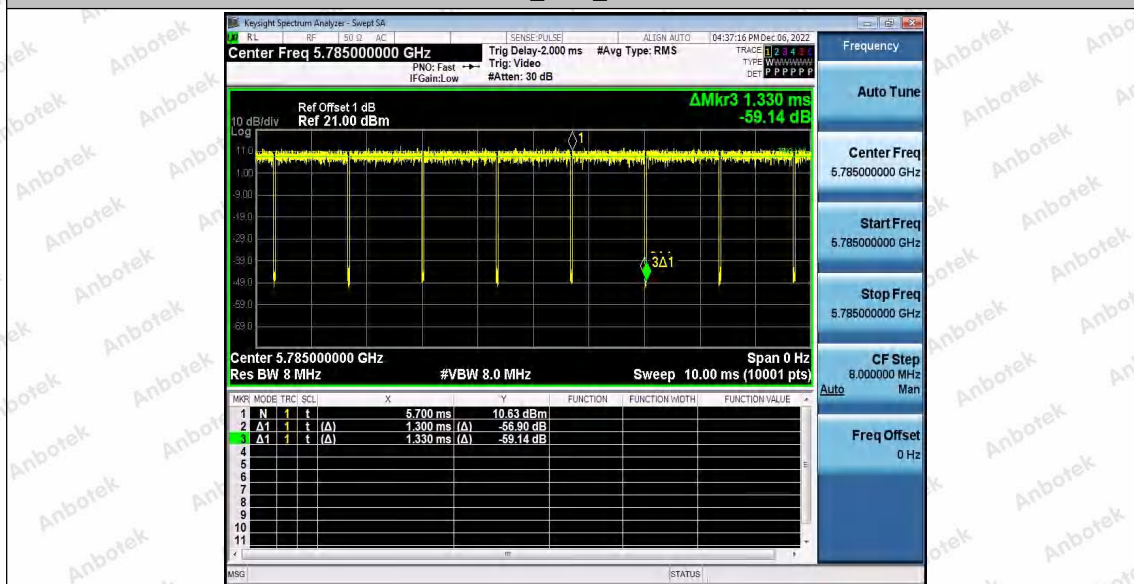




11A_Ant1_5745



11A_Ant1_5785



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