

Appendix Test Data

Report No.:	18220WC20254704	Test Sample No.:	1-2-2
Start Test Date:	2022.11.1	Finish Test Date:	2022.11.3
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	47 %
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	23.200	5168.400	5191.600
		5200	22.040	5189.160	5211.200
		5240	22.680	5228.760	5251.440
		5745	22.320	5734.000	5756.320
		5785	22.840	5773.200	5796.040
		5825	22.080	5813.880	5835.960
11N20SISO	Ant1	5180	22.520	5169.000	5191.520
		5200	22.120	5189.040	5211.160
		5240	22.120	5228.800	5250.920
		5745	22.600	5733.440	5756.040
		5785	22.360	5773.640	5796.000
		5825	22.480	5813.880	5836.360
11N40SISO	Ant1	5190	43.760	5168.240	5212.000
		5230	44.000	5207.600	5251.600
		5755	43.920	5733.080	5777.000
		5795	42.720	5773.080	5815.800
11AC20SISO	Ant1	5180	23.240	5168.720	5191.960
		5200	22.120	5189.000	5211.120
		5240	22.000	5229.080	5251.080
		5745	22.160	5733.880	5756.040
		5785	23.600	5773.120	5796.720
		5825	22.800	5813.400	5836.200
11AC40SISO	Ant1	5190	43.600	5168.000	5211.600
		5230	43.040	5208.320	5251.360
		5755	42.640	5733.720	5776.360

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		5795	43.200	5773.240	5816.440
11AC80SISO	Ant1	5210	82.720	5168.880	5251.600
		5775	82.720	5733.560	5816.280

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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_5240



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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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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

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Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.999	5171.0019	5189.0009
		5200	18.013	5190.9980	5209.0110
		5240	17.999	5231.0124	5249.0114
		5745	17.979	5736.0057	5753.9847
		5785	17.954	5776.0077	5793.9617
		5825	18.002	5815.9780	5833.9800
11N20SISO	Ant1	5180	18.009	5170.9776	5188.9866
		5200	18.008	5190.9753	5208.9833
		5240	18.012	5230.9932	5249.0052
		5745	17.964	5736.0107	5753.9747
		5785	17.965	5776.0066	5793.9716
		5825	18.022	5815.9661	5833.9881
11N40SISO	Ant1	5190	36.220	5171.8867	5208.1067
		5230	36.198	5211.9350	5248.1330
		5755	36.161	5736.9404	5773.1014
		5795	36.170	5776.9553	5813.1253
11AC20SISO	Ant1	5180	17.987	5171.0318	5189.0188
		5200	18.007	5190.9911	5208.9981
		5240	17.970	5230.9906	5248.9606
		5745	17.983	5736.0121	5753.9951
		5785	17.990	5775.9876	5793.9776
		5825	18.001	5815.9739	5833.9749
11AC40SISO	Ant1	5190	36.201	5171.9375	5208.1385
		5230	36.216	5211.9473	5248.1633
		5755	36.209	5736.9181	5773.1271
		5795	36.186	5776.9132	5813.0992
11AC80SISO	Ant1	5210	75.133	5172.5236	5247.6566
		5775	75.094	5737.4926	5812.5866

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Test Graphs



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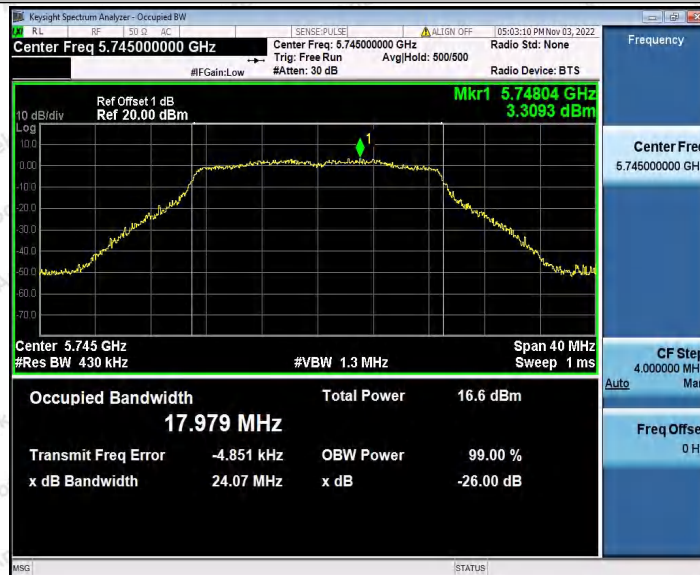


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11A_Ant1_5745



11A_Ant1_5785



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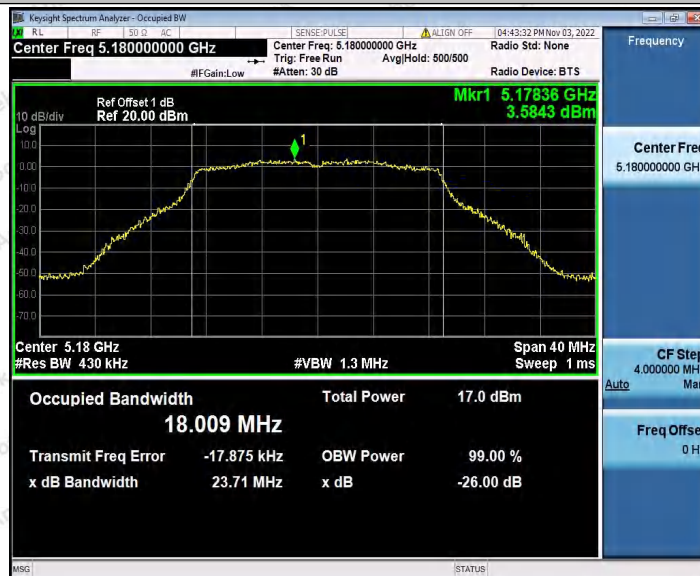
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11A_Ant1_5825



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

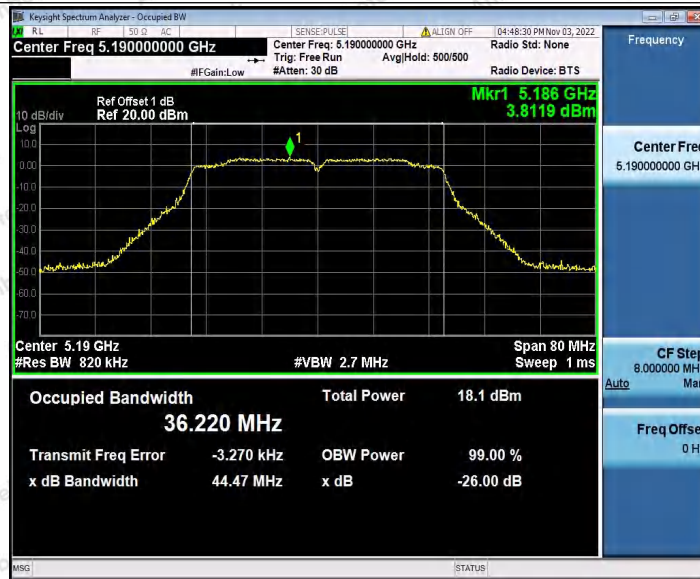
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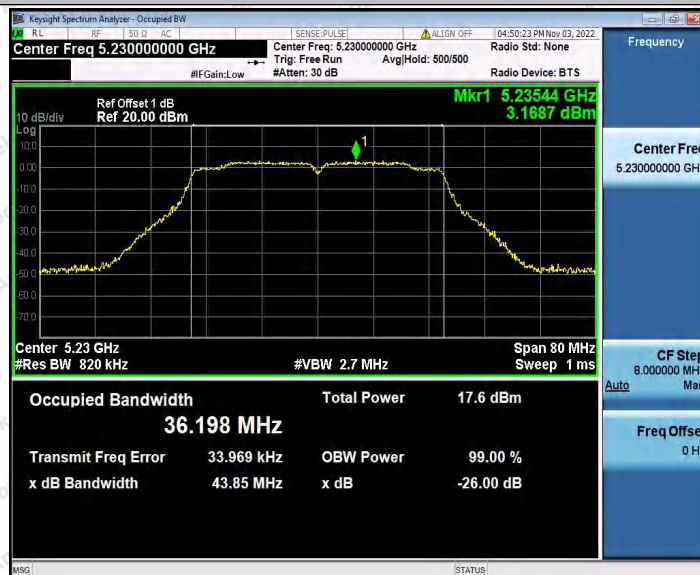


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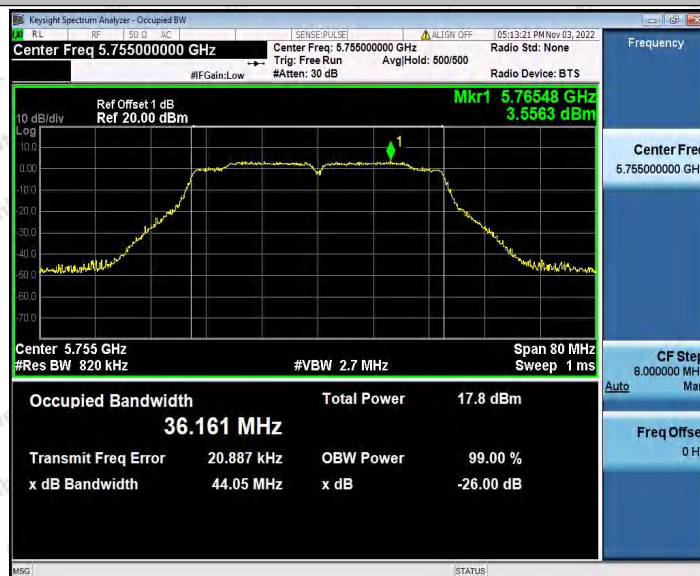




11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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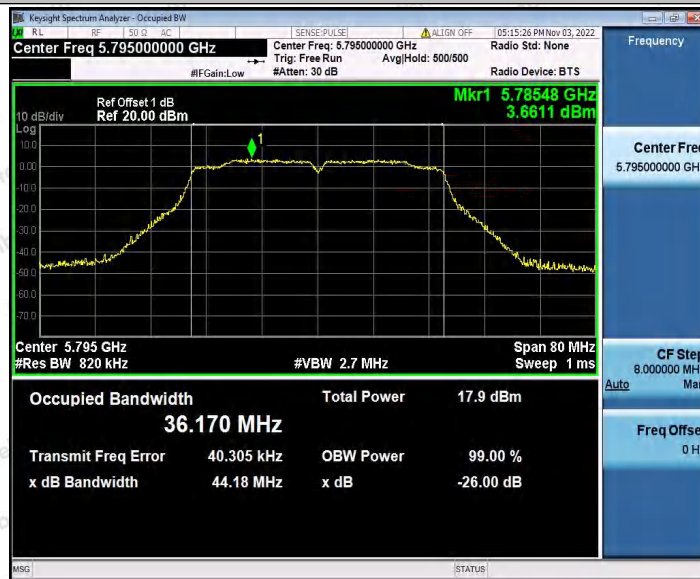
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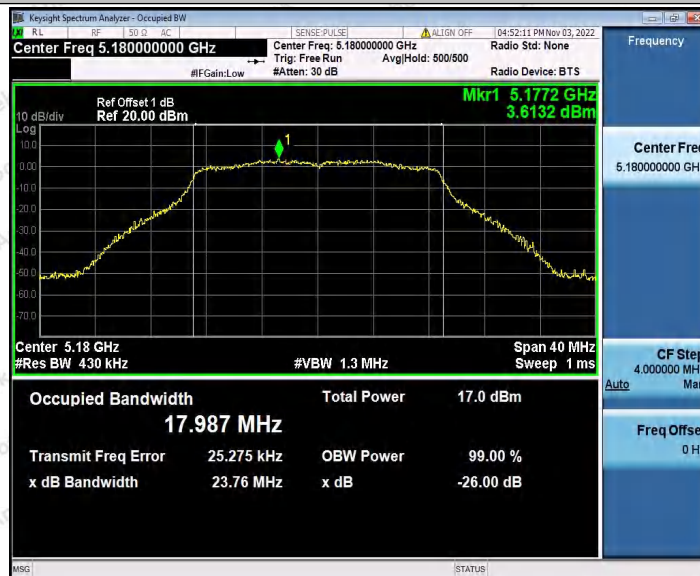
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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

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11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



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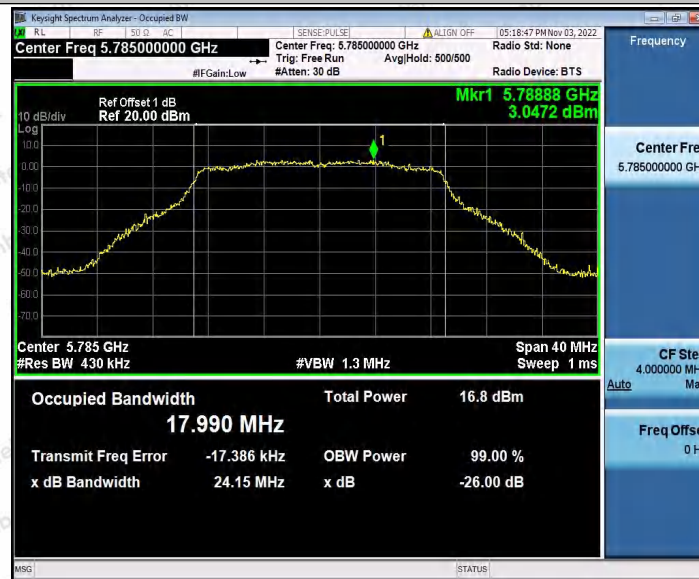
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

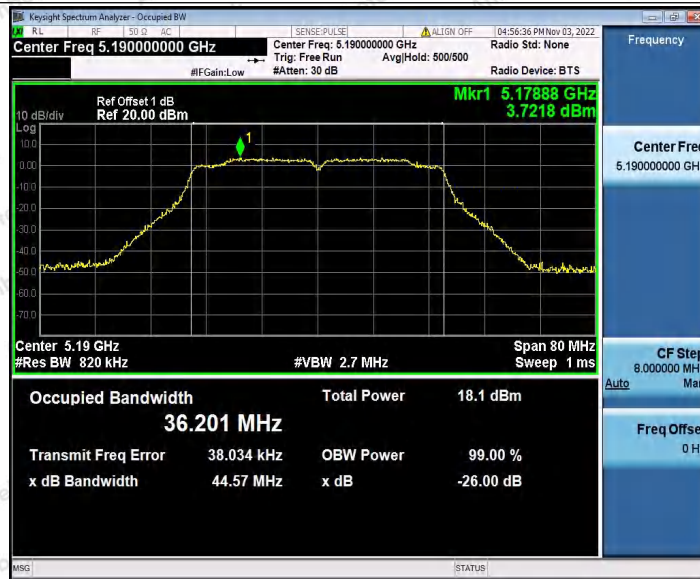
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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

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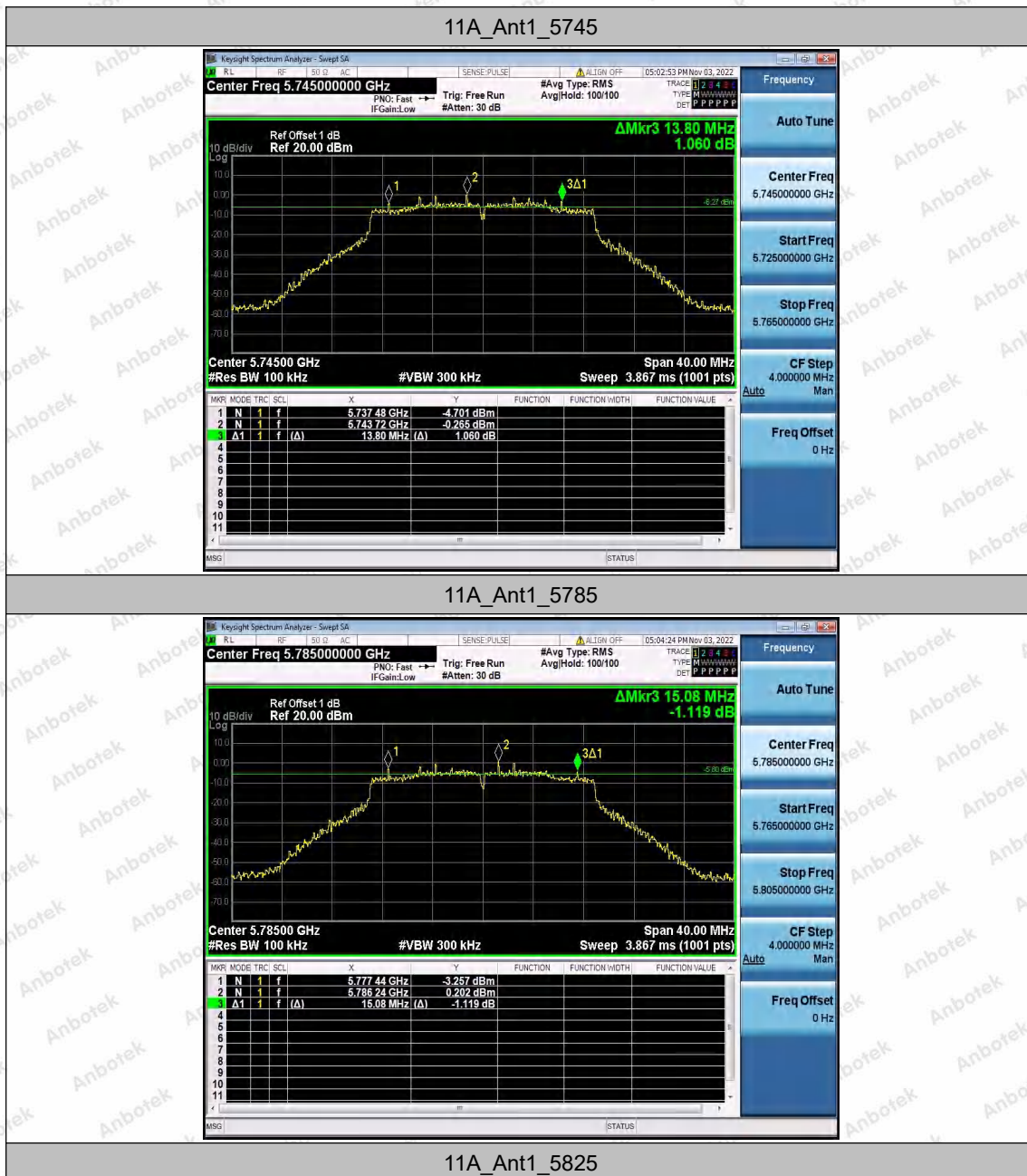
Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	13.800	5737.480	5751.280	0.5	PASS
		5785	15.080	5777.440	5792.520	0.5	PASS
		5825	15.040	5817.520	5832.560	0.5	PASS
11N20SISO	Ant1	5745	15.040	5737.440	5752.480	0.5	PASS
		5785	14.200	5777.400	5791.600	0.5	PASS
		5825	13.160	5817.440	5830.600	0.5	PASS
11N40SISO	Ant1	5755	32.560	5739.960	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	12.760	5737.480	5750.240	0.5	PASS
		5785	14.960	5777.560	5792.520	0.5	PASS
		5825	16.440	5816.440	5832.880	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	32.560	5778.680	5811.240	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS



Test Graphs B4



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11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

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11AC20SISO_Ant1_5785



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11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

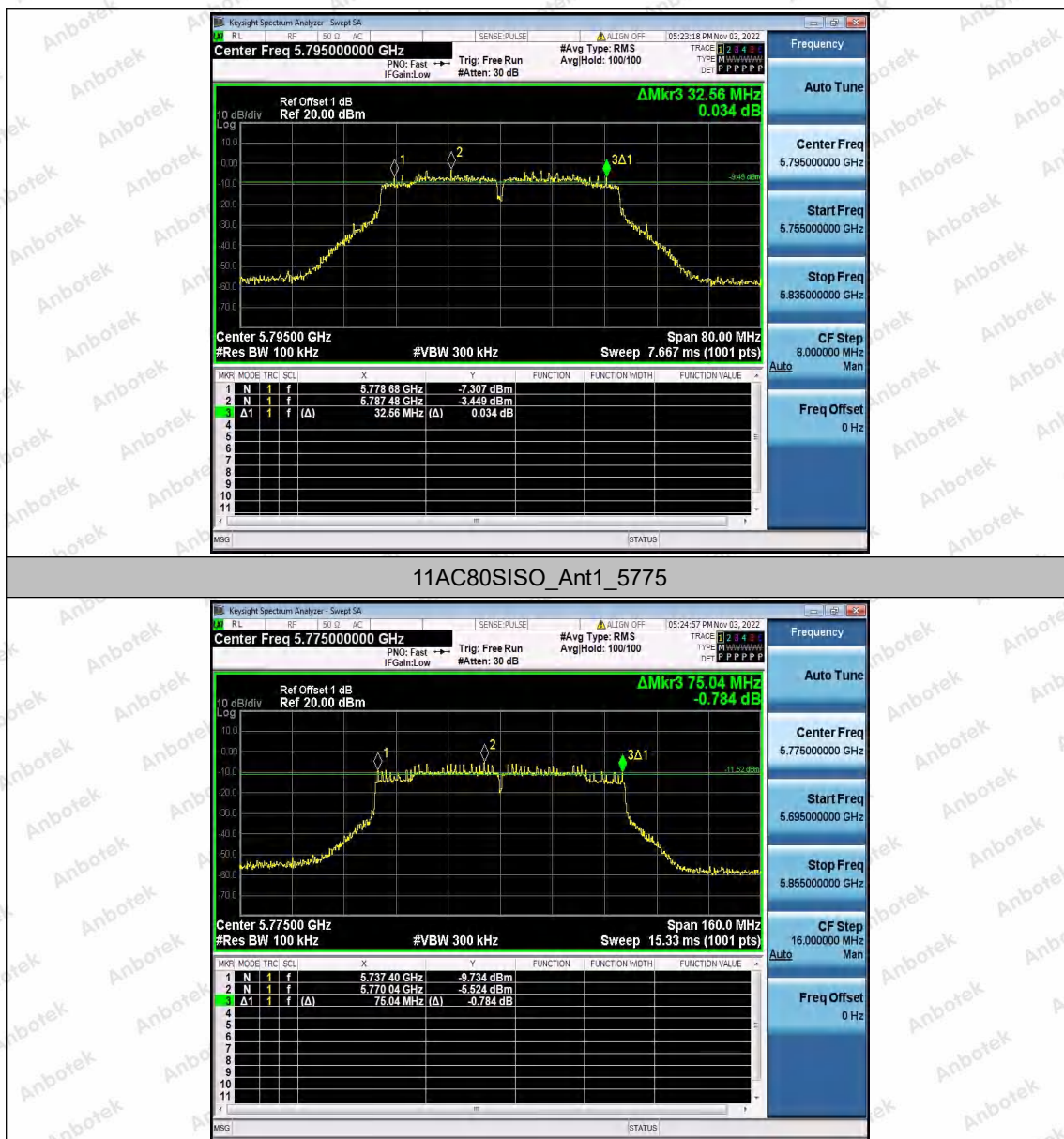
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Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.91	1.98	96.46
		5200	1.91	1.98	96.46
		5240	1.92	1.99	96.48
		5745	1.92	2.01	95.52
		5785	1.92	2.01	95.52
		5825	1.91	2.00	95.50
11N20SISO	Ant1	5180	1.92	1.98	96.97
		5200	1.92	1.98	96.97
		5240	1.91	1.98	96.46
		5745	1.91	2.00	95.50
		5785	1.91	2.00	95.50
		5825	1.91	2.00	95.50
11N40SISO	Ant1	5190	0.95	0.98	96.94
		5230	0.94	0.98	95.92
		5755	0.95	0.99	95.96
		5795	0.95	0.99	95.96
11AC20SISO	Ant1	5180	1.92	1.99	96.48
		5200	1.92	1.98	96.97
		5240	1.91	1.98	96.46
		5745	1.91	2.00	95.50
		5785	1.91	2.00	95.50
		5825	1.92	2.00	96.00
11AC40SISO	Ant1	5190	0.94	0.98	95.92
		5230	0.94	0.98	95.92
		5755	0.94	0.99	94.95
		5795	0.94	0.99	94.95
11AC80SISO	Ant1	5210	0.46	0.49	93.88
		5775	0.46	0.50	92.00

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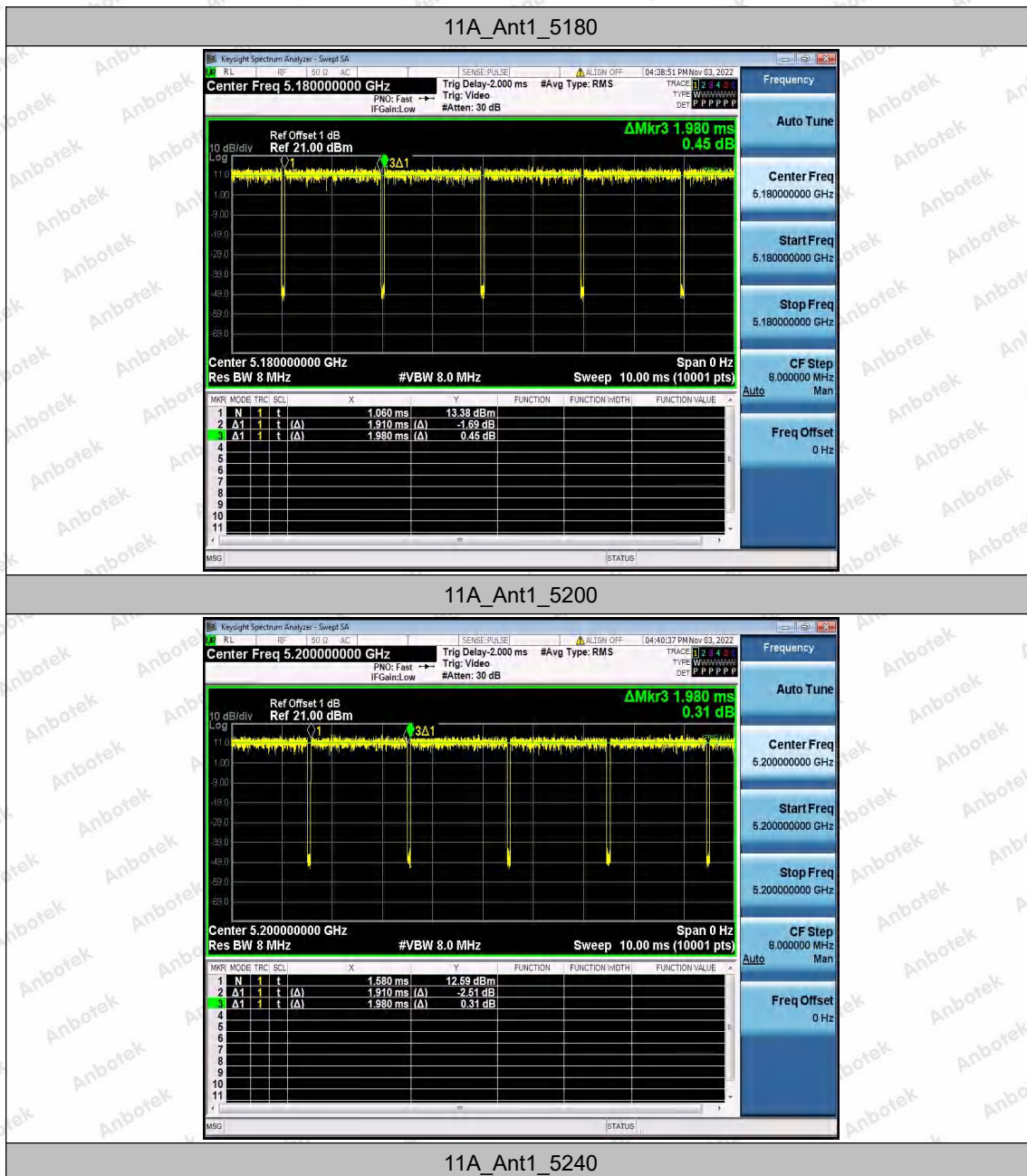
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Test Graphs



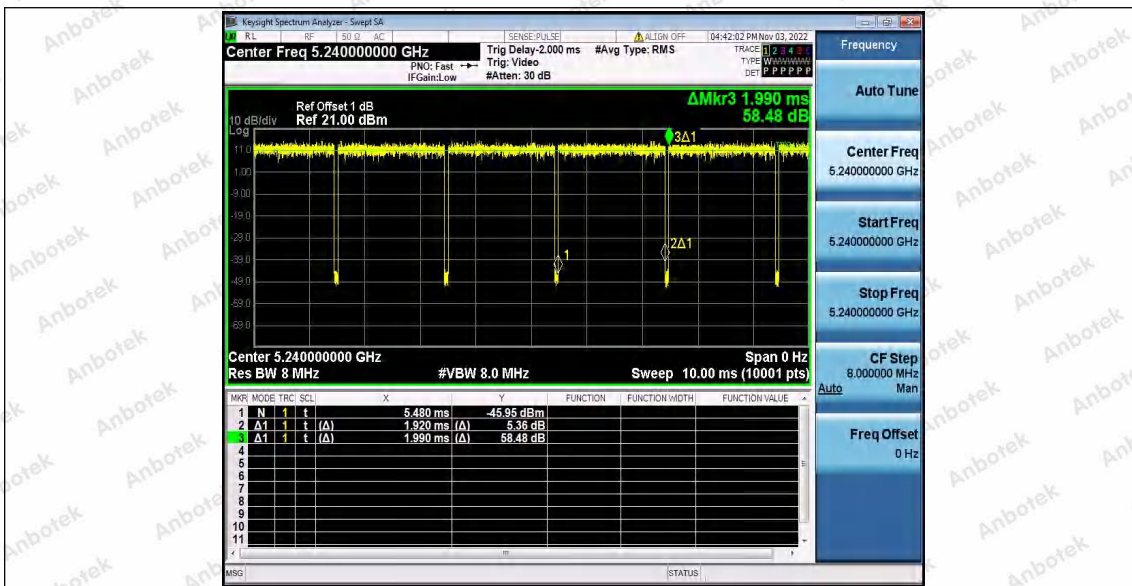
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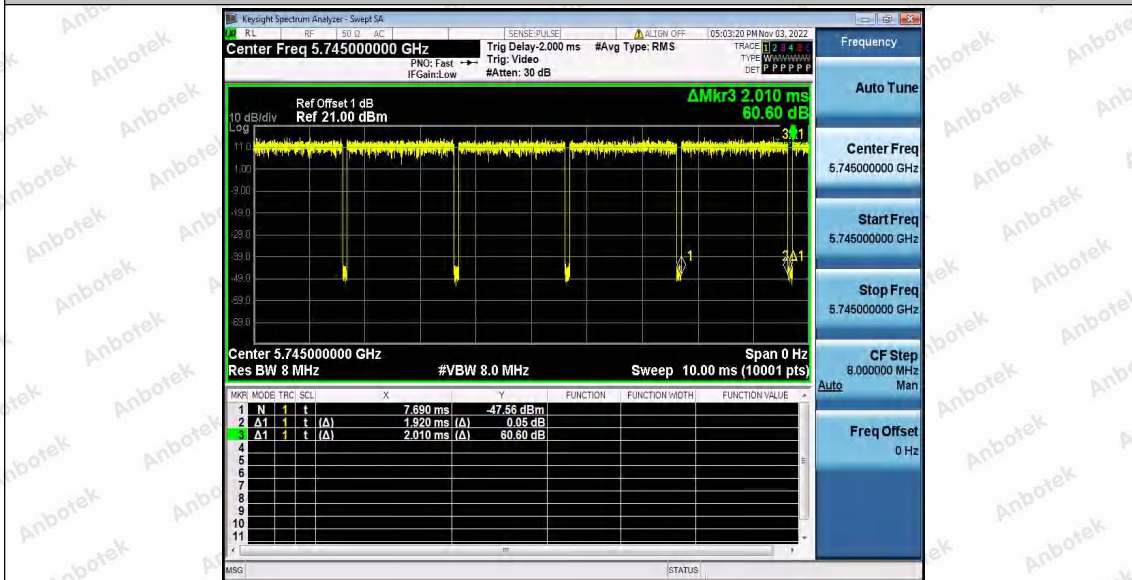


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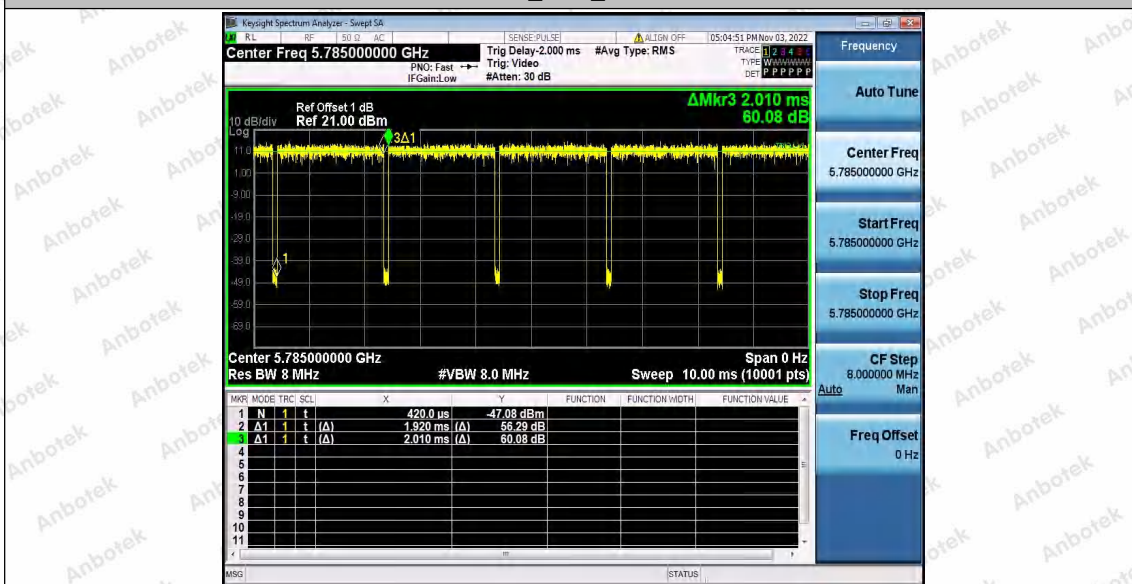




11A_Ant1_5745



11A_Ant1_5785



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