

Appendix Test Data

Report No:	18220WC30047304	Test Sample NO:	1-2-2
Start Test Date:	2023.03.21	Finish Test Date:	2023.03.28
Test Engineer:	Rock Luo	Auditor:	Edward Pan
Temperature:	23.3°C	Relative Humidity:	56%
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	22.920	5168.720	5191.640
		5200	21.920	5189.360	5211.280
		5240	22.400	5228.640	5251.040
		5745	22.840	5733.440	5756.280
		5785	21.840	5773.920	5795.760
		5825	22.320	5813.720	5836.040
11N20SISO	Ant1	5180	22.520	5168.880	5191.400
		5200	22.680	5188.880	5211.560
		5240	22.160	5228.960	5251.120
		5745	22.280	5733.720	5756.000
		5785	22.120	5773.920	5796.040
		5825	22.400	5813.600	5836.000
11N40SISO	Ant1	5190	43.440	5168.560	5212.000
		5230	42.480	5208.400	5250.880
		5755	43.040	5732.840	5775.880
		5795	43.280	5773.000	5816.280
11AC20SISO	Ant1	5180	22.520	5168.840	5191.360
		5200	21.960	5189.280	5211.240
		5240	21.840	5228.960	5250.800
		5745	21.840	5734.080	5755.920
		5785	22.680	5773.680	5796.360
		5825	22.800	5813.640	5836.440
11AC40SISO	Ant1	5190	41.840	5169.200	5211.040
		5230	42.320	5209.200	5251.520
		5755	42.560	5733.560	5776.120

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		5795	42.960	5773.240	5816.200
11AC80SISO	Ant1	5210	82.880	5169.040	5251.920
		5775	84.160	5733.880	5818.040

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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

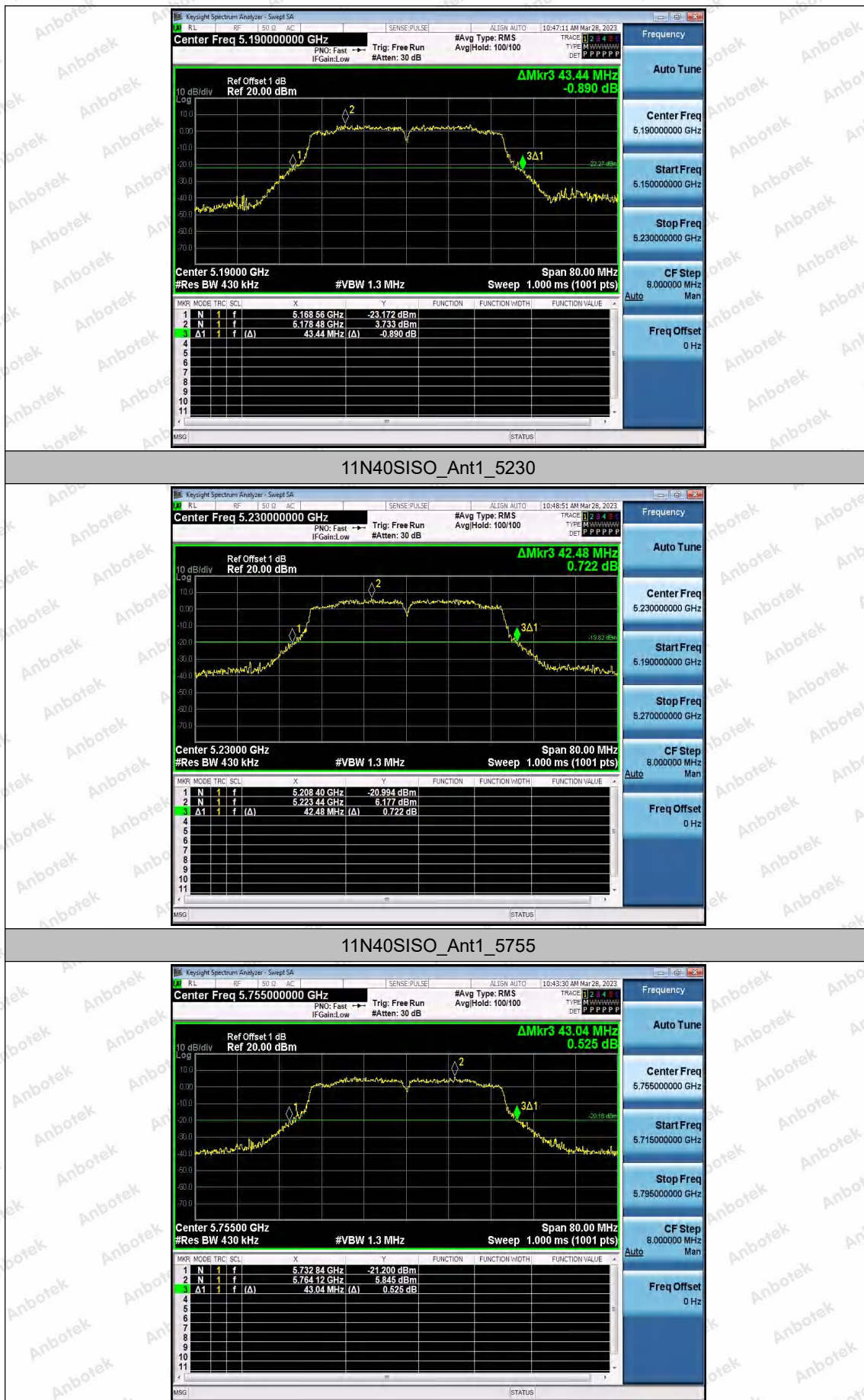
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11N40SISO_Ant1_5795



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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11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

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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	16.944	5171.5915	5188.5355
		5200	16.941	5191.5721	5208.5131
		5240	17.006	5231.5015	5248.5075
		5745	16.944	5736.5131	5753.4571
		5785	16.990	5776.4439	5793.4339
		5825	16.995	5816.4433	5833.4383
11N20SISO	Ant1	5180	17.940	5171.1134	5189.0534
		5200	17.962	5191.0701	5209.0321
		5240	17.941	5231.0567	5248.9977
		5745	18.003	5735.9989	5754.0019
		5785	18.005	5775.9622	5793.9672
		5825	18.025	5815.9421	5833.9671
11N40SISO	Ant1	5190	36.170	5171.9483	5208.1183
		5230	36.203	5211.9211	5248.1241
		5755	36.181	5736.9538	5773.1348
		5795	36.205	5776.8981	5813.1031
11AC20SISO	Ant1	5180	17.913	5171.0910	5189.0040
		5200	18.007	5191.0321	5209.0391
		5240	18.032	5230.9904	5249.0224
		5745	17.934	5736.0138	5753.9478
		5785	18.078	5775.9269	5794.0049
		5825	18.053	5815.9173	5833.9703
11AC40SISO	Ant1	5190	36.186	5171.9494	5208.1354
		5230	36.141	5211.9538	5248.0948
		5755	36.213	5736.9243	5773.1373
		5795	36.241	5776.8855	5813.1265
11AC80SISO	Ant1	5210	75.208	5172.5323	5247.7403
		5775	75.245	5737.4222	5812.6672



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

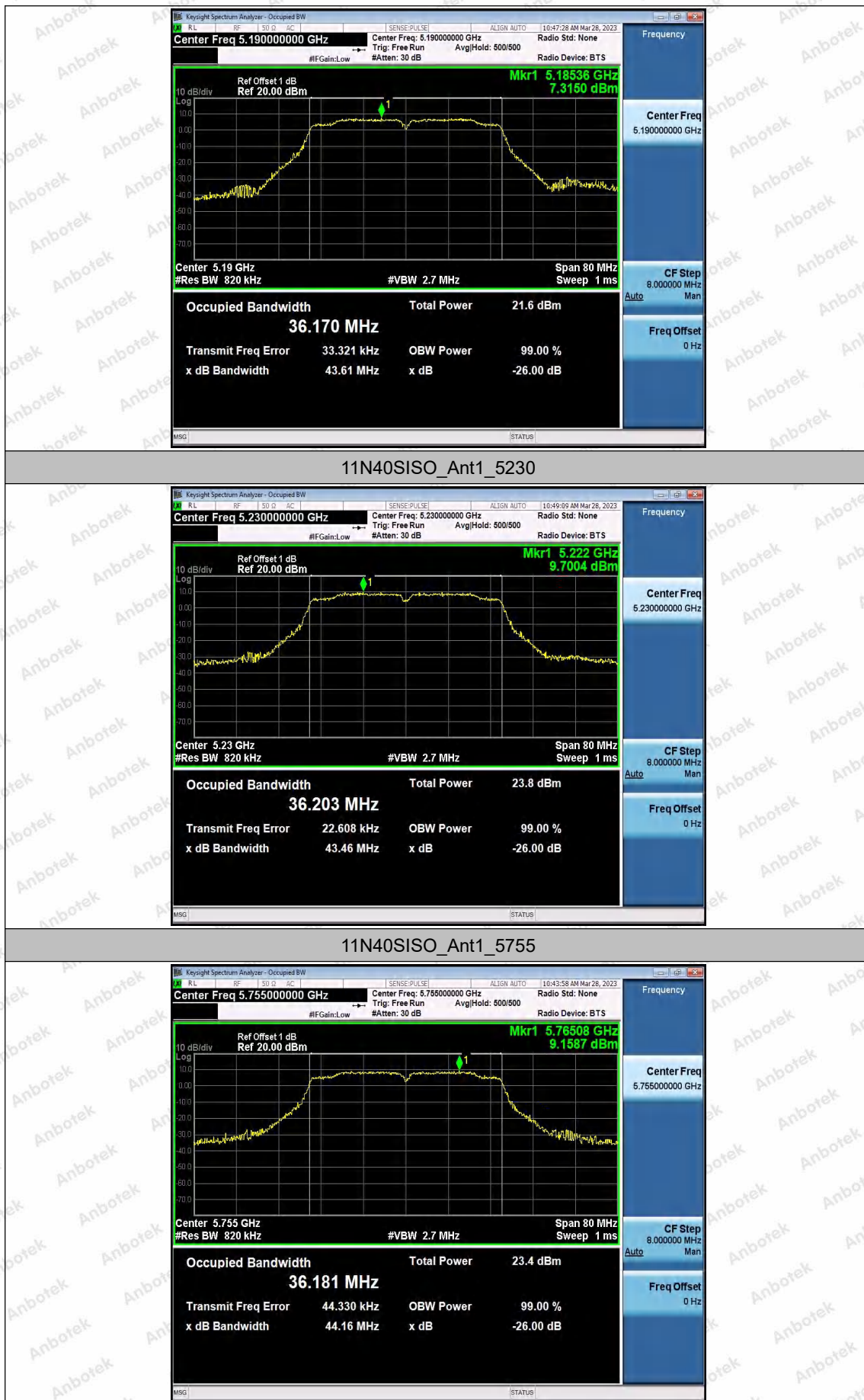
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11N40SISO_Ant1_5795



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

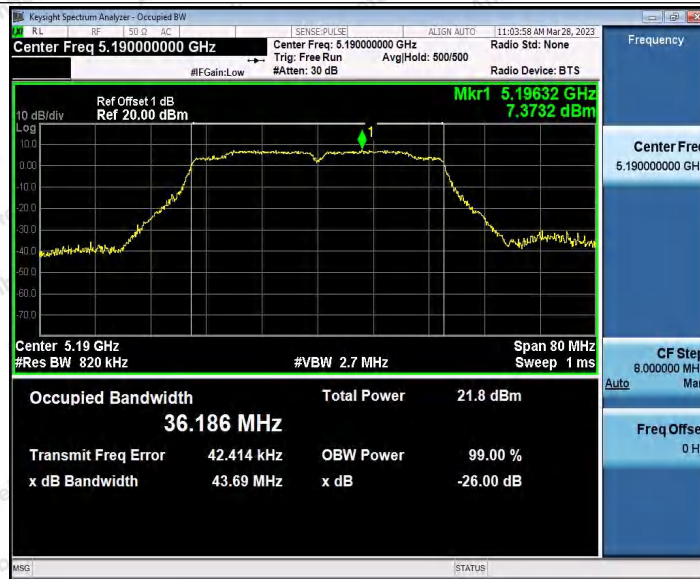
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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

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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	12.920	5739.560	5752.480	0.5	PASS
		5785	14.240	5777.080	5791.320	0.5	PASS
		5825	14.440	5817.440	5831.880	0.5	PASS
11N20SISO	Ant1	5745	14.000	5737.520	5751.520	0.5	PASS
		5785	13.120	5779.320	5792.440	0.5	PASS
		5825	16.760	5816.600	5833.360	0.5	PASS
11N40SISO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
		5795	31.280	5779.960	5811.240	0.5	PASS
11AC20SISO	Ant1	5745	16.880	5736.480	5753.360	0.5	PASS
		5785	13.840	5778.680	5792.520	0.5	PASS
		5825	15.320	5817.400	5832.720	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	32.640	5777.400	5810.040	0.5	PASS
11AC80SISO	Ant1	5775	74.880	5737.560	5812.440	0.5	PASS

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Test Graphs B4



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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



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11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



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11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

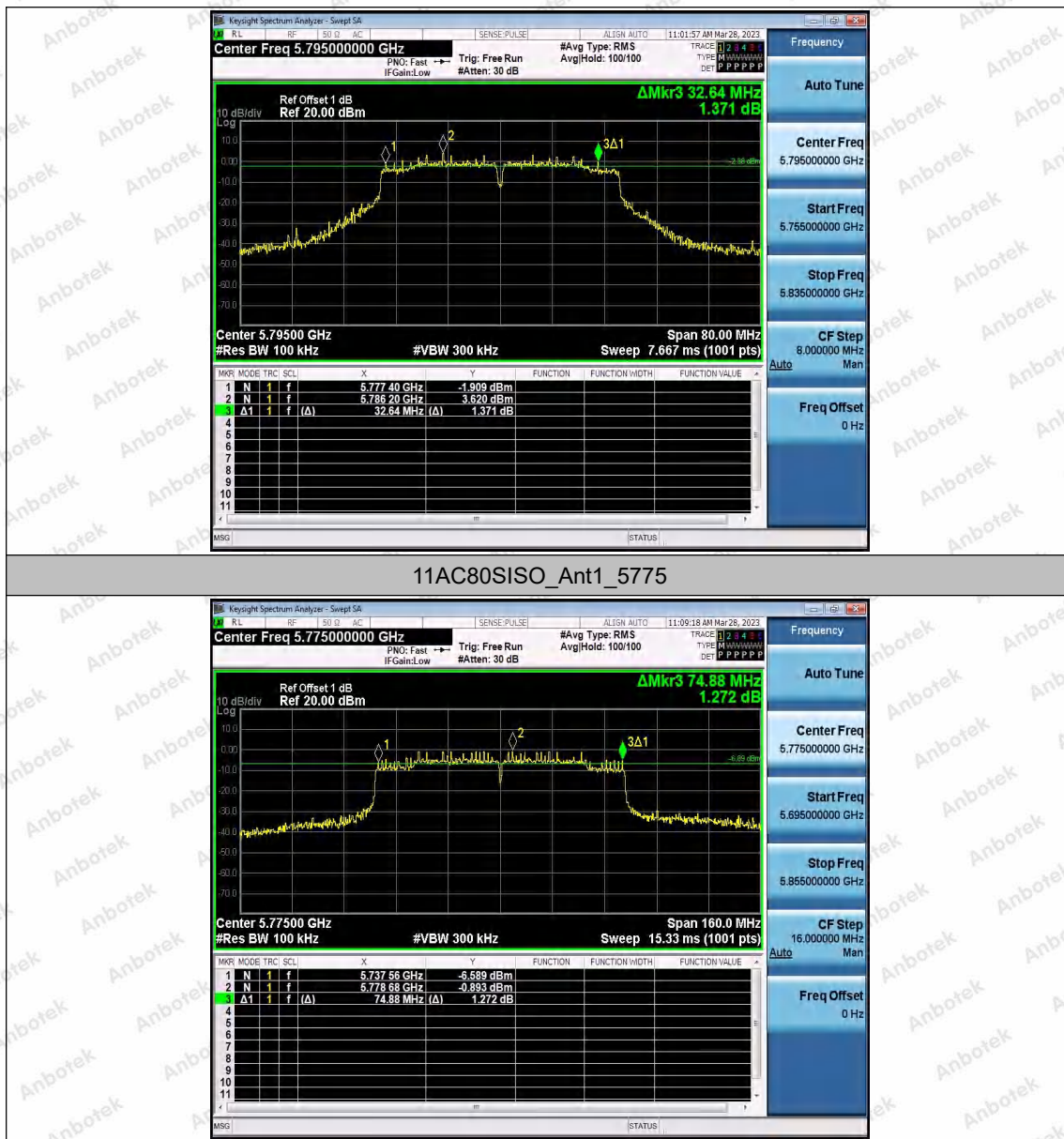
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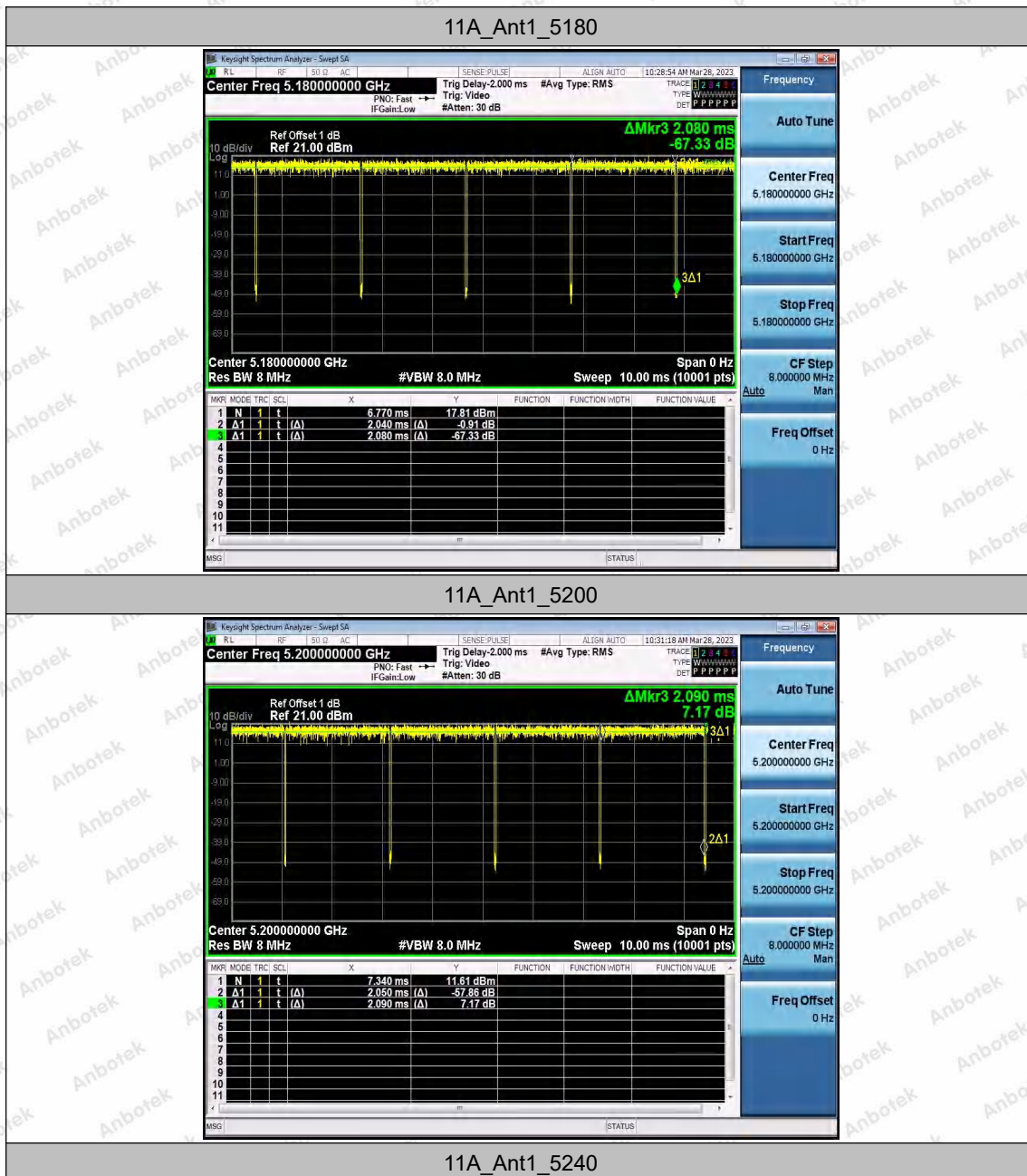
Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.04	2.08	98.08
		5200	2.05	2.09	98.09
		5240	2.05	2.08	98.56
		5745	2.05	2.54	80.71
		5785	2.05	2.53	81.03
		5825	2.05	2.53	81.03
11N20SISO	Ant1	5180	1.91	2.39	79.92
		5200	1.90	2.39	79.50
		5240	1.91	2.39	79.92
		5745	1.90	2.39	79.50
		5785	1.91	2.39	79.92
		5825	1.90	2.39	79.50
11N40SISO	Ant1	5190	0.94	1.18	79.66
		5230	0.94	1.18	79.66
		5755	0.94	1.18	79.66
		5795	0.94	1.18	79.66
11AC20SISO	Ant1	5180	1.91	2.40	79.58
		5200	1.92	2.41	79.67
		5240	1.91	2.40	79.58
		5745	1.92	2.41	79.67
		5785	1.91	2.40	79.58
		5825	1.92	2.40	80.00
11AC40SISO	Ant1	5190	0.94	1.19	78.99
		5230	0.94	1.19	78.99
		5755	0.95	1.19	79.83
		5795	0.95	1.19	79.83
11AC80SISO	Ant1	5210	0.46	0.58	79.31
		5775	0.46	0.58	79.31



Test Graphs



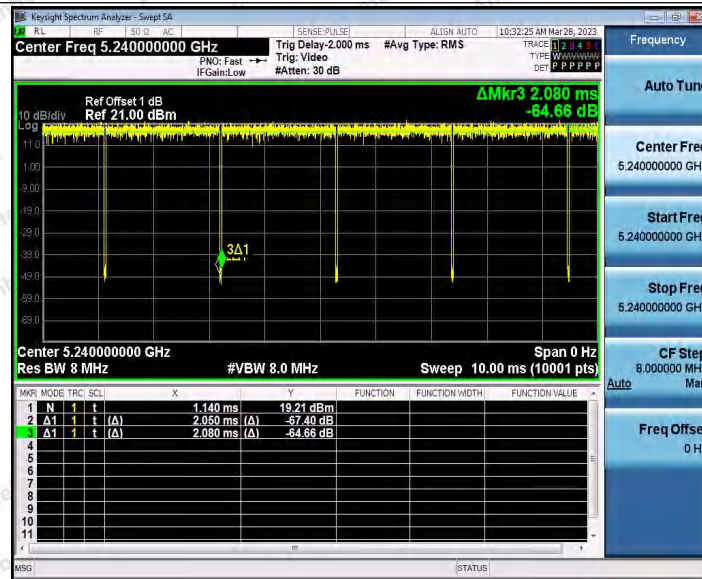
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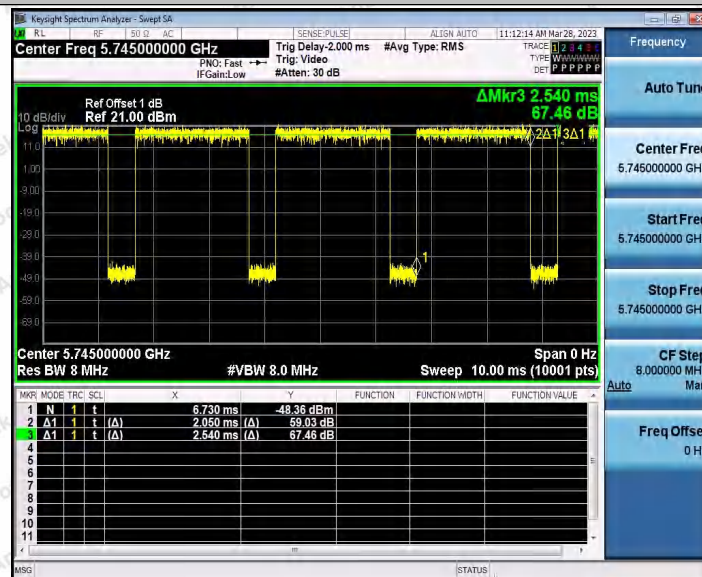


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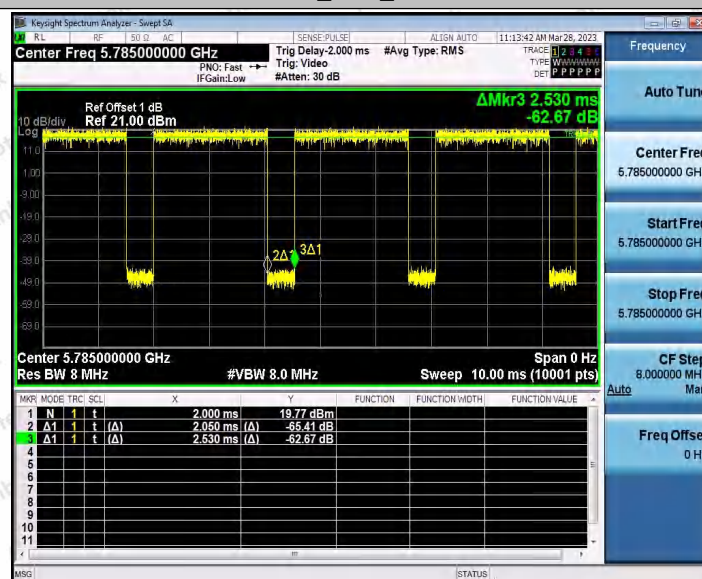




11A_Ant1_5745



11A_Ant1_5785



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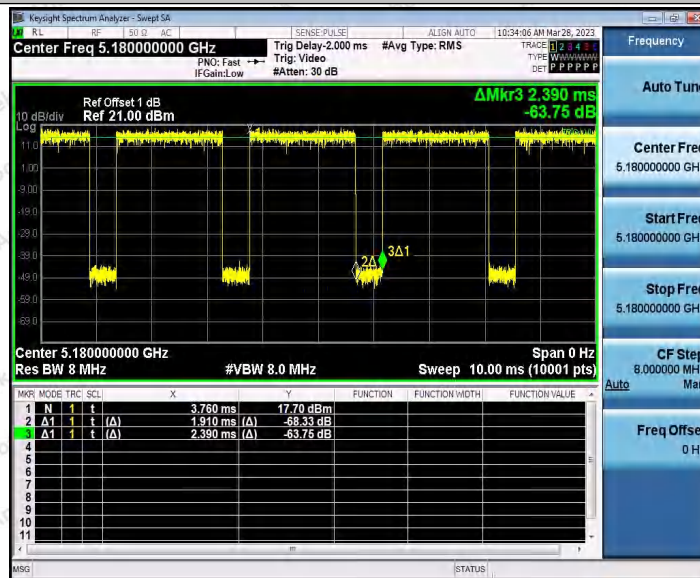
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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

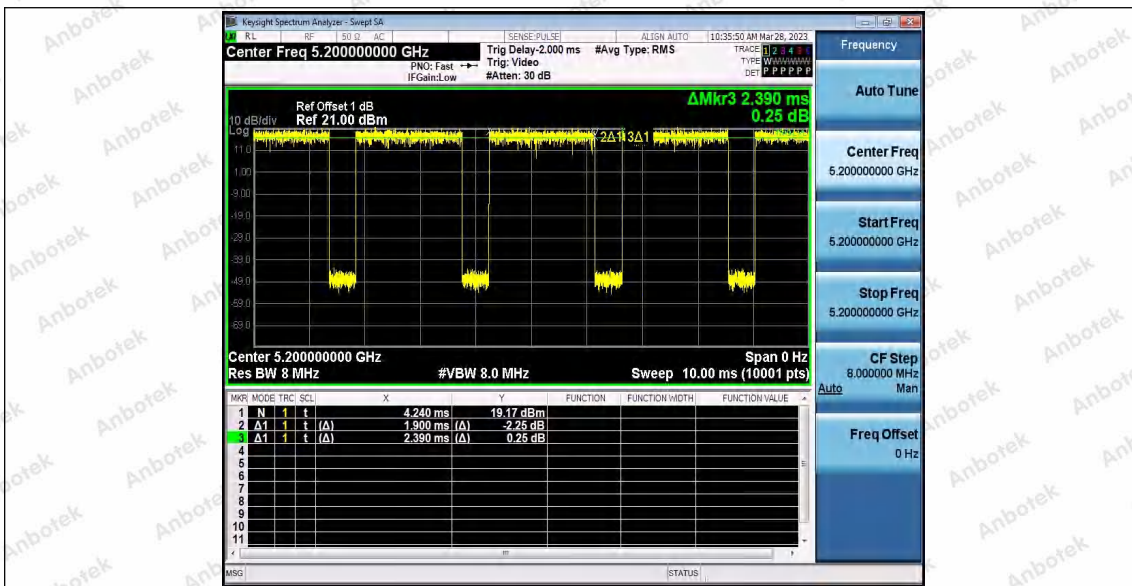
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

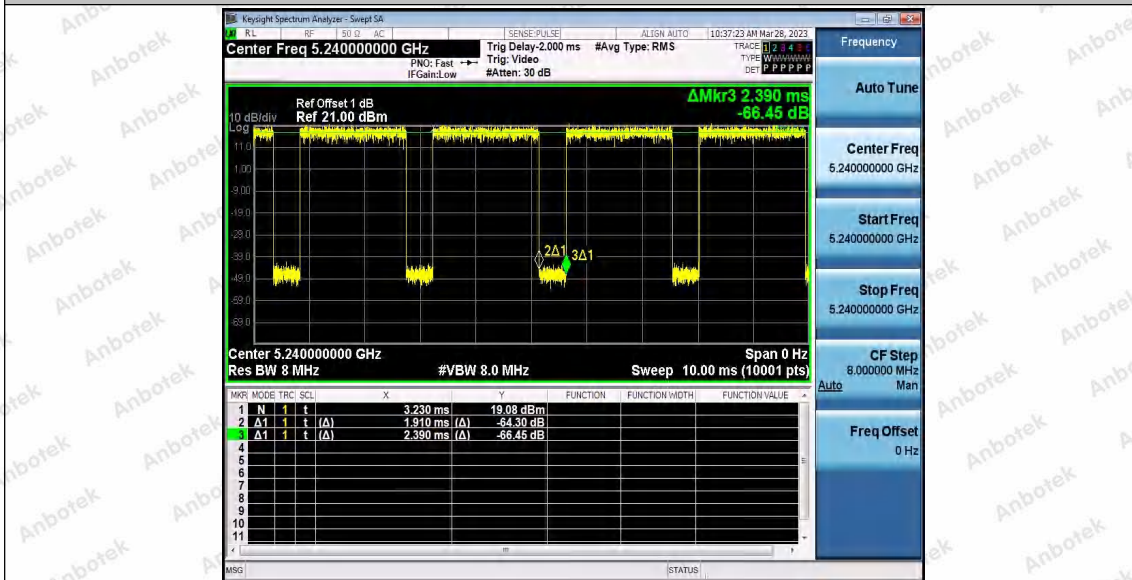


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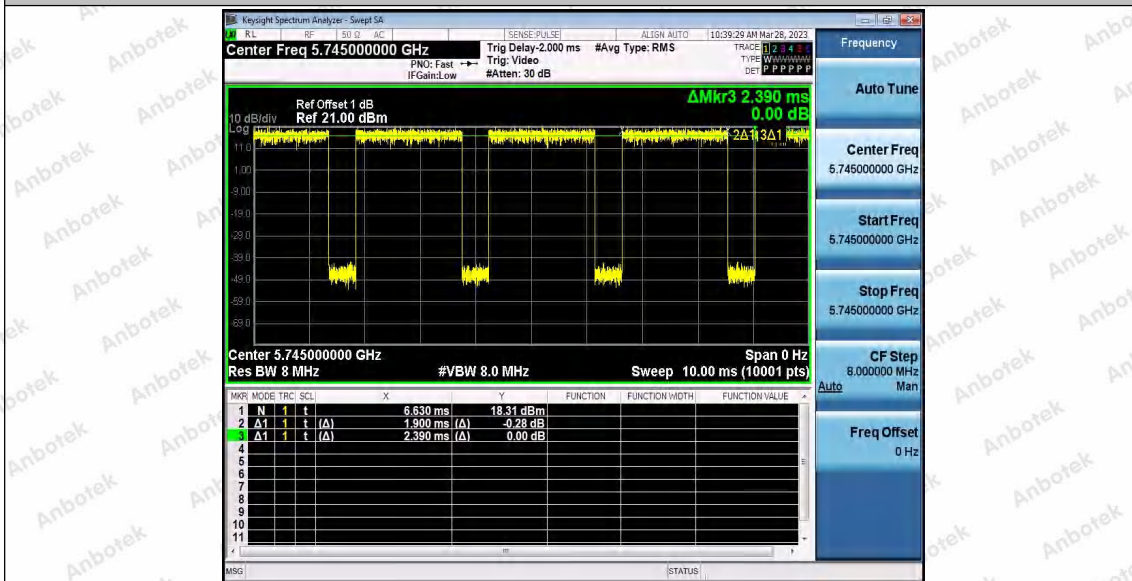




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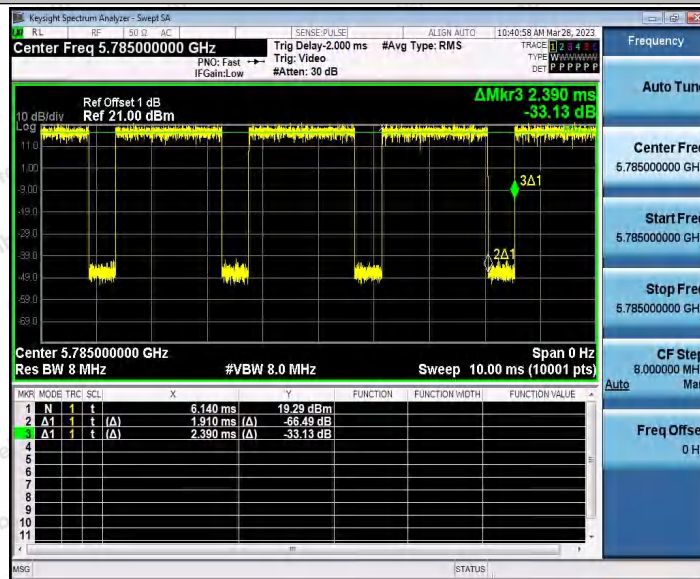
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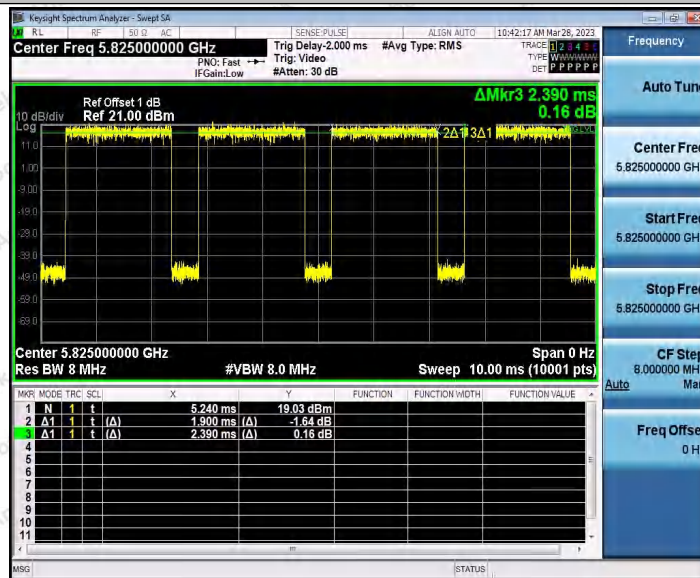
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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

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