

Appendix Test Data

Report No.:	18220WC20179604	Test Sample No.:	1-2-2
Start Test Date:	2022.8.16	Finish Test Date:	2022.8.31
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	5500	21.840	5489.240	5511.080
		5580	20.600	5569.760	5590.360
		5700	20.920	5689.640	5710.560
		5745	21.720	5734.440	5756.160
		5785	20.680	5774.720	5795.400
		5825	20.680	5814.720	5835.400
11N20SISO	Ant1	5500	21.200	5489.360	5510.560
		5580	21.000	5569.520	5590.520
		5700	21.880	5689.360	5711.240
		5745	21.640	5734.200	5755.840
		5785	21.560	5774.320	5795.880
		5825	21.080	5814.600	5835.680
11N40SISO	Ant1	5510	42.880	5490.320	5533.200
		5590	44.800	5570.400	5615.200
		5670	43.040	5650.240	5693.280
		5755	49.200	5734.920	5784.120
		5795	49.120	5775.080	5824.200
11AC20SISO	Ant1	5500	21.520	5489.280	5510.800
		5580	20.800	5569.560	5590.360
		5700	21.200	5689.400	5710.600
		5745	21.160	5734.560	5755.720
		5785	21.320	5774.520	5795.840
		5825	21.160	5814.480	5835.640
11AC40SISO	Ant1	5510	49.120	5487.120	5536.240

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		5590	39.920	5570.000	5609.920
		5670	45.840	5650.240	5696.080
		5755	40.000	5735.000	5775.000
		5795	39.600	5775.240	5814.840
11AC80SISO	Ant1	5530	80.960	5489.680	5570.640
		5610	81.280	5569.840	5651.120
		5775	80.960	5734.840	5815.800

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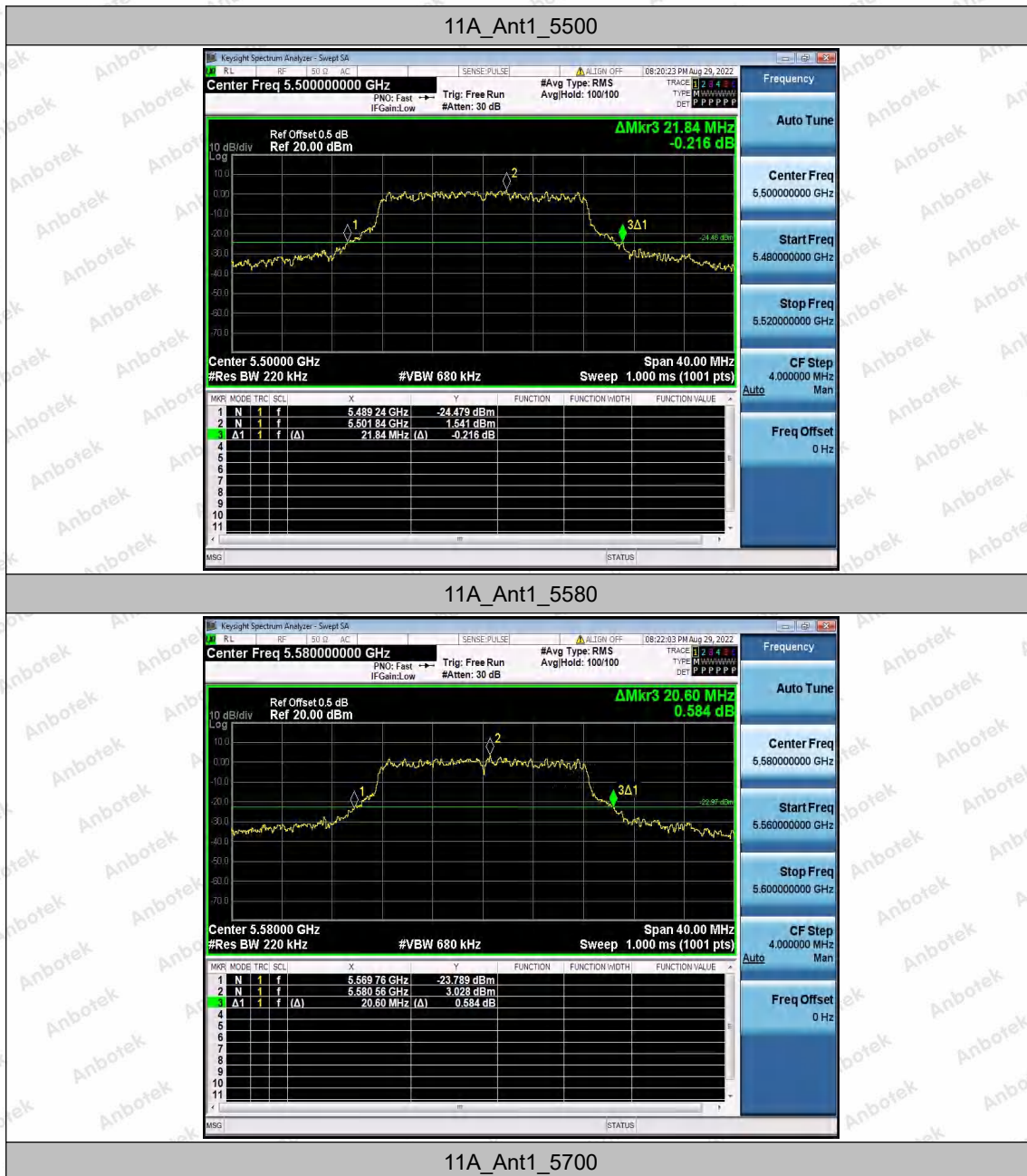
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Test Graphs



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11A_Ant1_5745



11A_Ant1_5785



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11A_Ant1_5825



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580

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11N20SISO_Ant1_5700



11N20SISO_Ant1_5745



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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5510

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11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



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11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5500

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11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825

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11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



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11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

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11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



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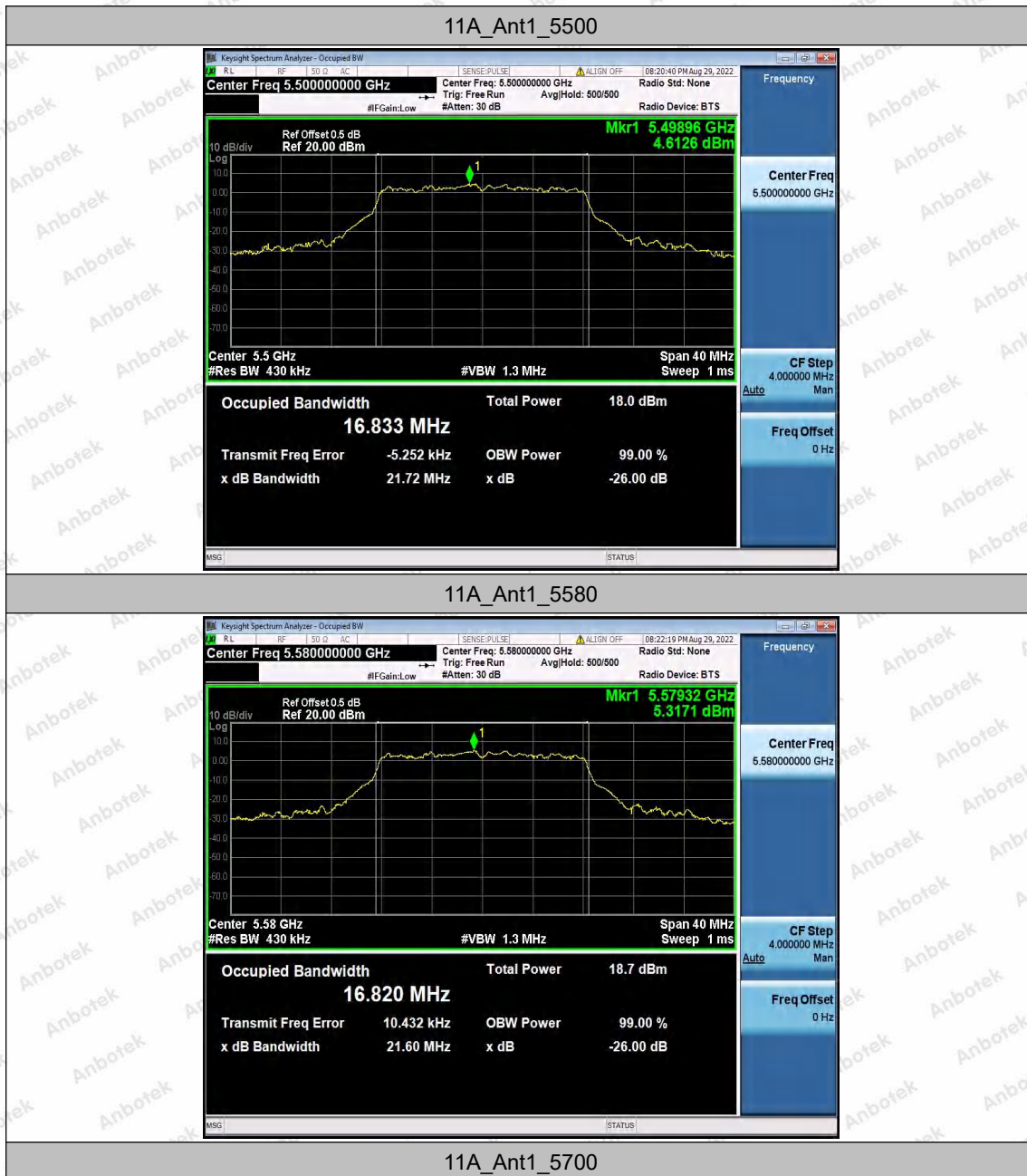
Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5500	16.833	5491.5783	5508.4113
		5580	16.820	5571.6004	5588.4204
		5700	16.886	5691.6120	5708.4980
		5745	16.922	5736.5706	5753.4926
		5785	16.894	5776.5637	5793.4577
		5825	16.902	5816.5430	5833.4450
11N20SISO	Ant1	5500	18.244	5490.8881	5509.1321
		5580	18.260	5570.9240	5589.1840
		5700	18.254	5690.9360	5709.1900
		5745	18.240	5735.9540	5754.1940
		5785	18.299	5775.8783	5794.1773
		5825	18.229	5815.8939	5834.1229
11N40SISO	Ant1	5510	36.718	5491.6611	5528.3791
		5590	36.746	5571.6500	5608.3960
		5670	36.659	5651.7847	5688.4437
		5755	36.775	5736.7136	5773.4886
		5795	36.747	5776.7514	5813.4984
11AC20SISO	Ant1	5500	18.244	5490.8929	5509.1369
		5580	18.177	5570.9139	5589.0909
		5700	18.219	5690.8807	5709.0997
		5745	18.276	5735.8631	5754.1391
		5785	18.263	5775.8579	5794.1209
		5825	18.258	5815.8815	5834.1395
11AC40SISO	Ant1	5510	36.759	5491.5998	5528.3588
		5590	36.788	5571.6230	5608.4110
		5670	36.712	5651.7240	5688.4360
		5755	36.486	5736.8411	5773.3271
		5795	36.502	5776.8229	5813.3249
11AC80SISO	Ant1	5530	76.246	5491.9973	5568.2433
		5610	76.417	5572.0793	5648.4963
		5775	76.408	5737.1777	5813.5857



Test Graphs



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11A_Ant1_5745



11A_Ant1_5785



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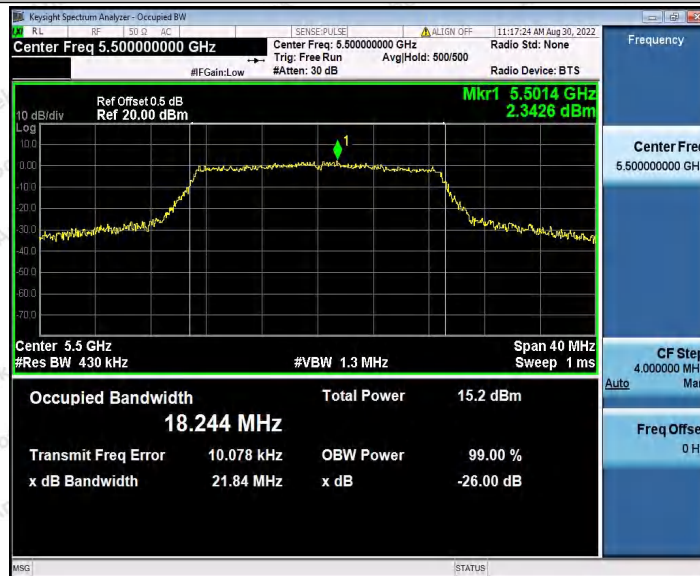
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11A_Ant1_5825



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580

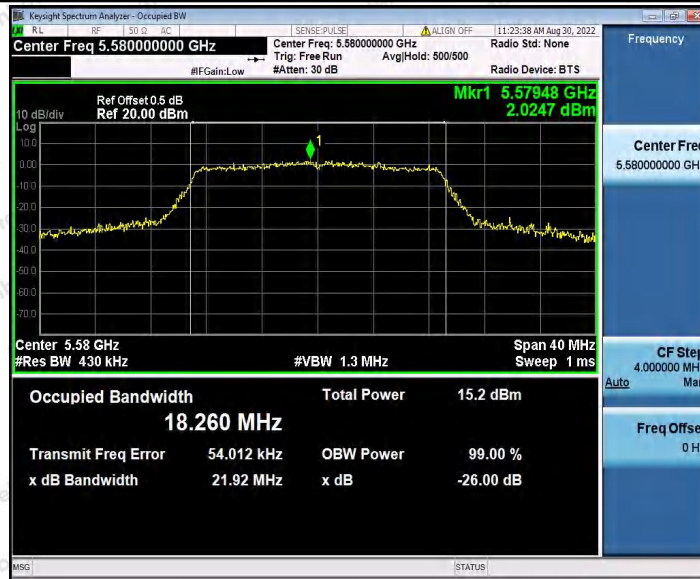
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11N20SISO_Ant1_5700



11N20SISO_Ant1_5745



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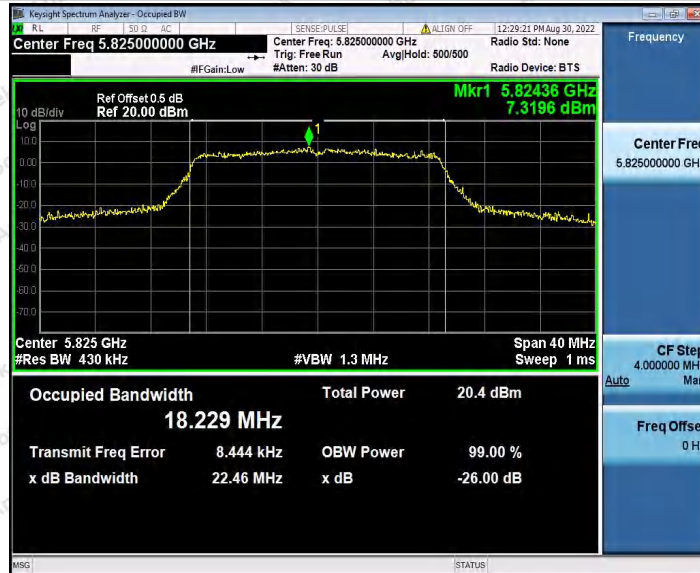
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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5510

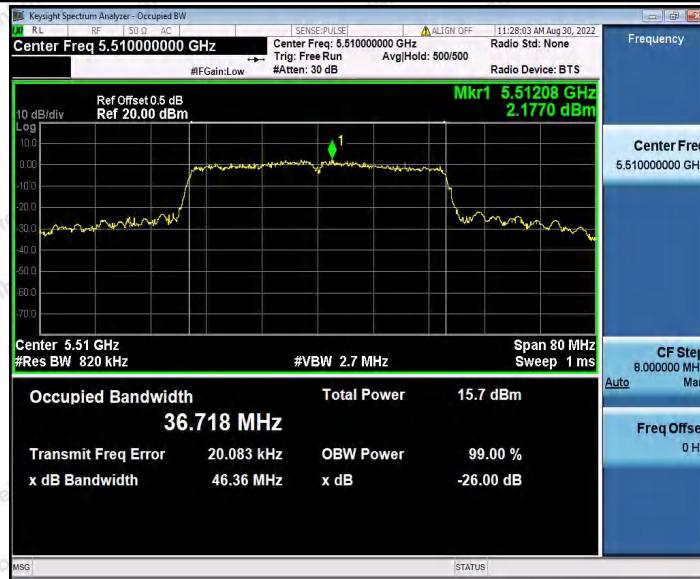
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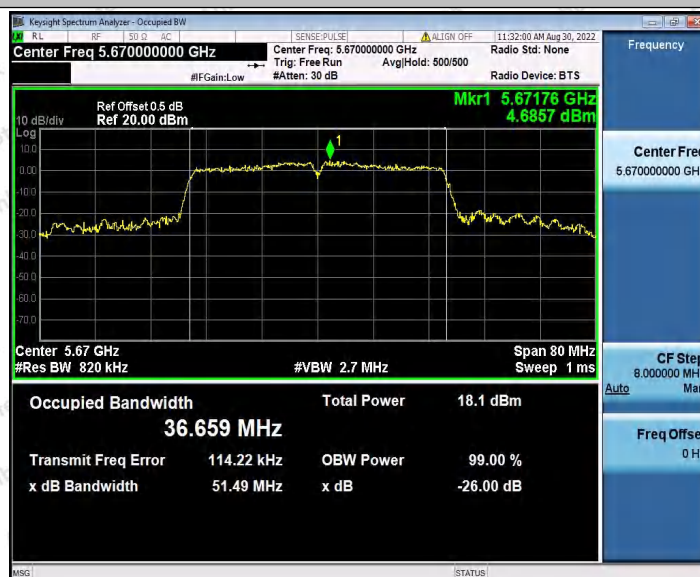




11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



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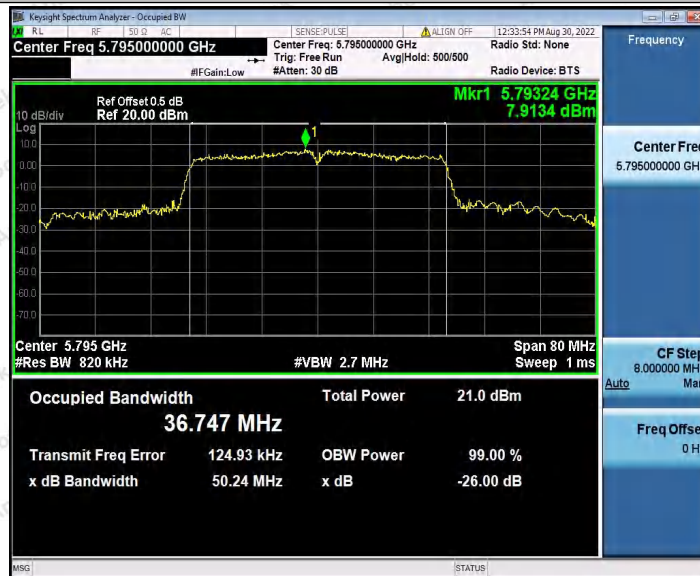
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11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5500

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11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



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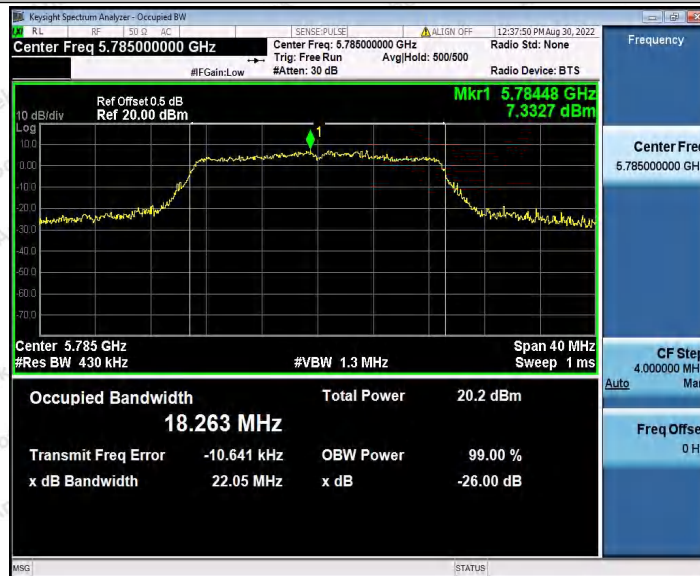
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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825

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11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



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11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

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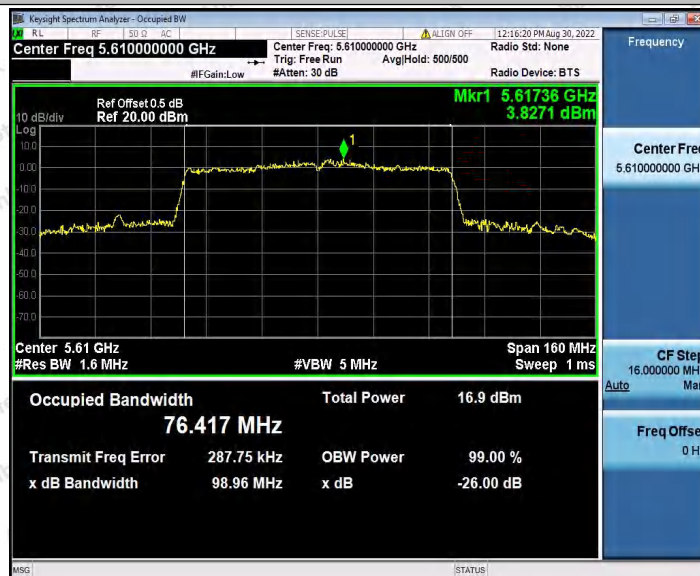




11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



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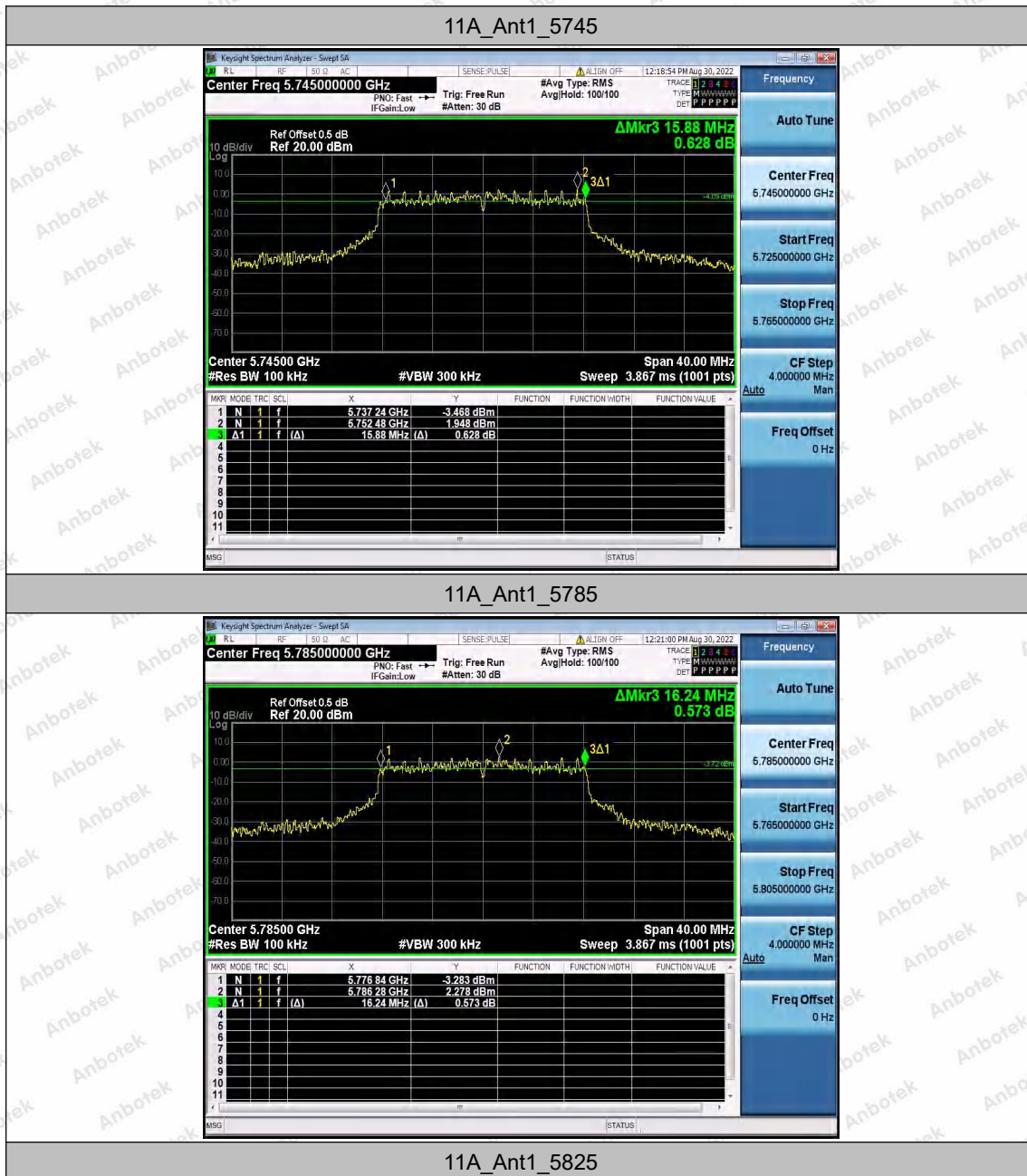
Appendix A3: Min emission bandwidth

Test Result B4

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.880	5737.240	5753.120	0.5	PASS
		5785	16.240	5776.840	5793.080	0.5	PASS
		5825	16.240	5816.840	5833.080	0.5	PASS
11N20SISO	Ant1	5745	17.160	5736.600	5753.760	0.5	PASS
		5785	16.840	5776.320	5793.160	0.5	PASS
		5825	16.960	5816.200	5833.160	0.5	PASS
11N40SISO	Ant1	5755	35.600	5737.240	5772.840	0.5	PASS
		5795	35.600	5777.400	5813.000	0.5	PASS
11AC20SISO	Ant1	5745	17.160	5736.600	5753.760	0.5	PASS
		5785	17.280	5776.560	5793.840	0.5	PASS
		5825	17.280	5816.200	5833.480	0.5	PASS
11AC40SISO	Ant1	5755	35.920	5737.080	5773.000	0.5	PASS
		5795	35.920	5776.920	5812.840	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS



Test Graphs B4



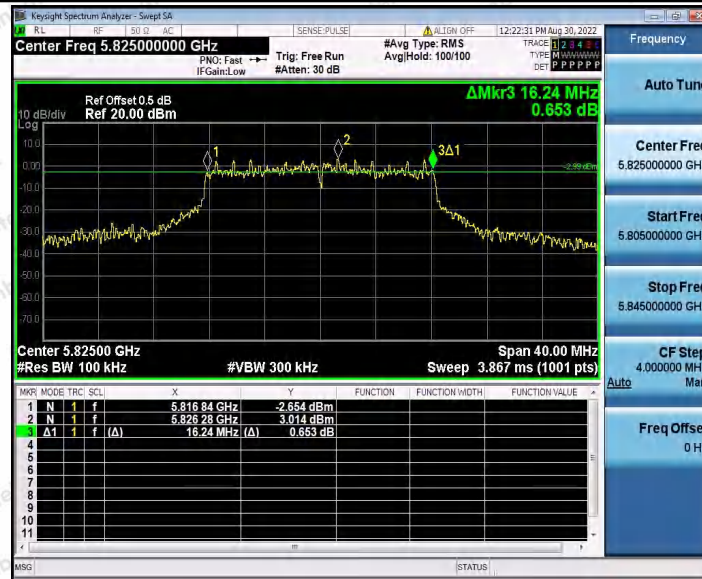
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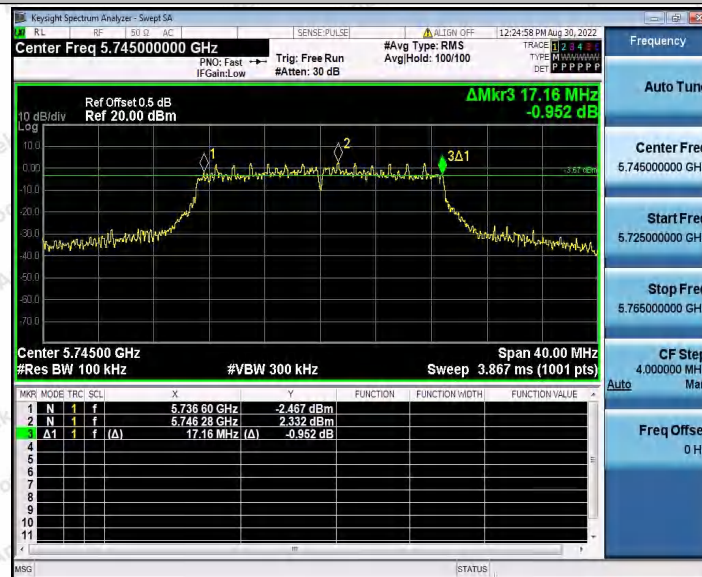


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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



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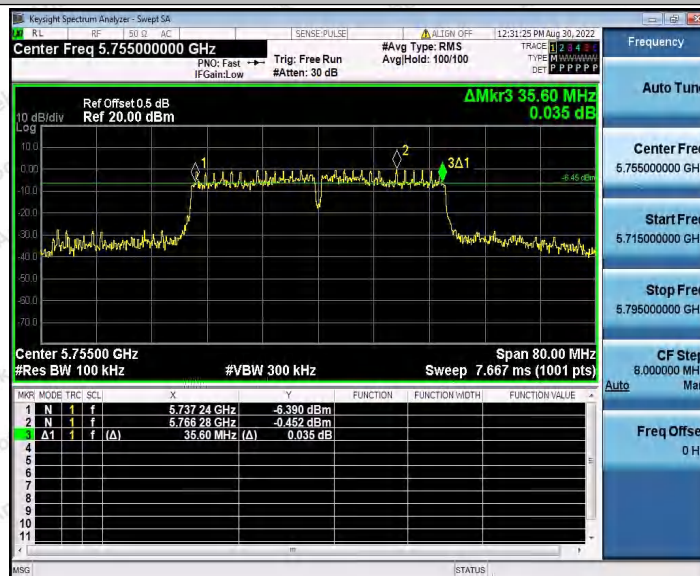
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

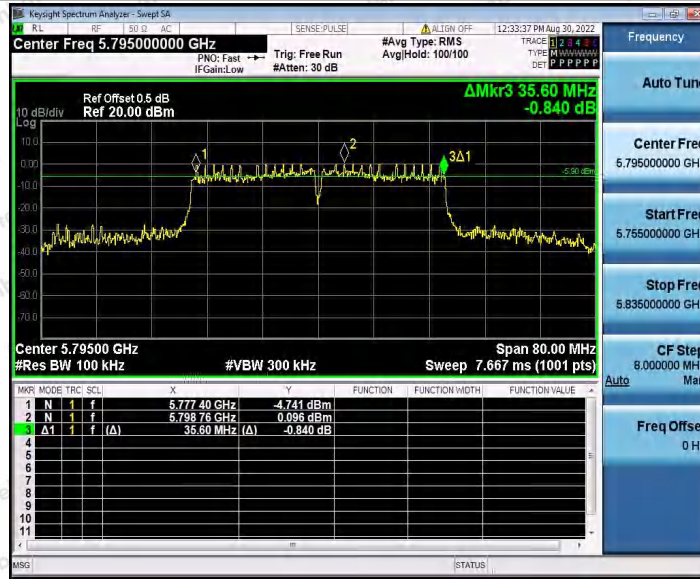
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11AC20SISO_Ant1_5785



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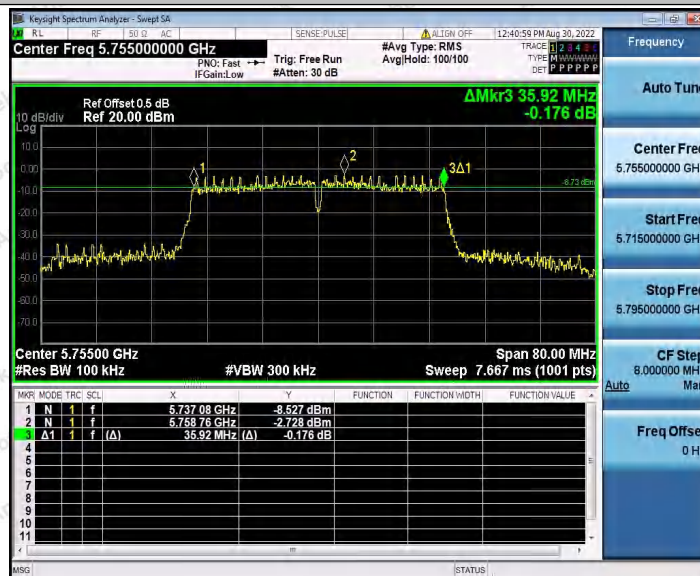
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11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



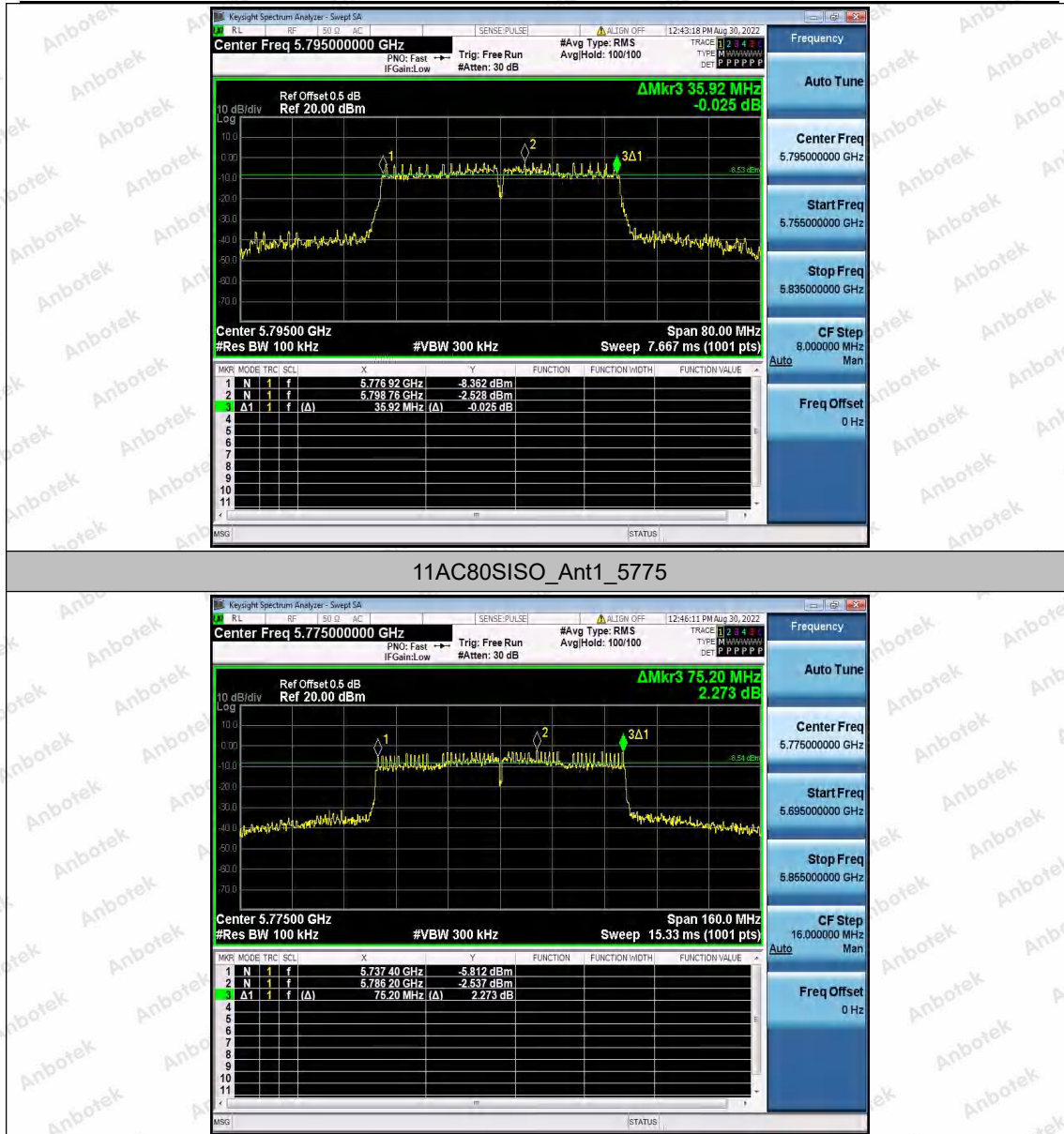
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Appendix B: Duty Cycle

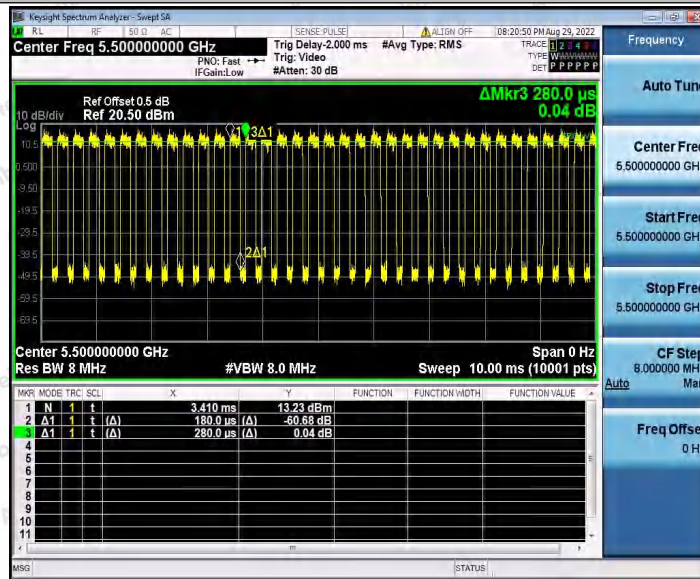
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5500	0.18	0.28	64.29
		5580	0.18	0.28	64.29
		5700	0.18	0.28	64.29
		5745	0.18	0.28	64.29
		5785	0.18	0.28	64.29
		5825	0.18	0.28	64.29
11N20SISO	Ant1	5500	0.17	0.27	62.96
		5580	0.16	0.27	59.26
		5700	0.17	0.27	62.96
		5745	0.17	0.27	62.96
		5785	0.17	0.27	62.96
		5825	0.17	0.27	62.96
11N40SISO	Ant1	5510	0.10	0.20	50.00
		5590	0.10	0.20	50.00
		5670	0.10	0.20	50.00
		5755	0.10	0.20	50.00
		5795	0.10	0.20	50.00
11AC20SISO	Ant1	5500	0.17	0.28	60.71
		5580	0.17	0.28	60.71
		5700	0.17	0.27	62.96
		5745	0.17	0.28	60.71
		5785	0.17	0.27	62.96
		5825	0.17	0.27	62.96
11AC40SISO	Ant1	5510	0.10	0.20	50.00
		5590	0.10	0.21	47.62
		5670	0.11	0.21	52.38
		5755	0.10	0.20	50.00
		5795	0.10	0.20	50.00
11AC80SISO	Ant1	5530	0.07	0.17	41.18
		5610	0.07	0.17	41.18
		5775	0.07	0.17	41.18

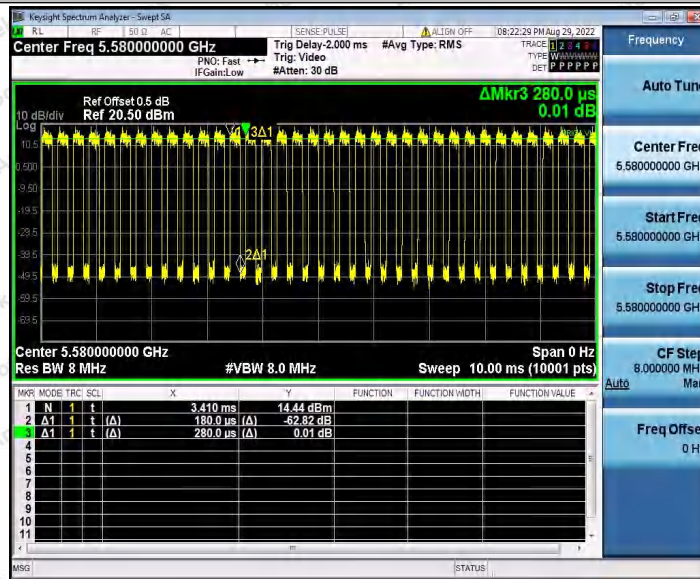


Test Graphs

11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700

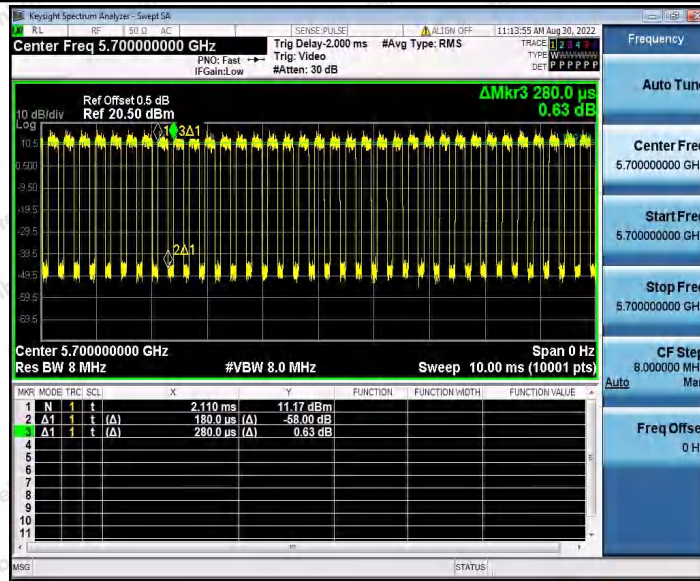
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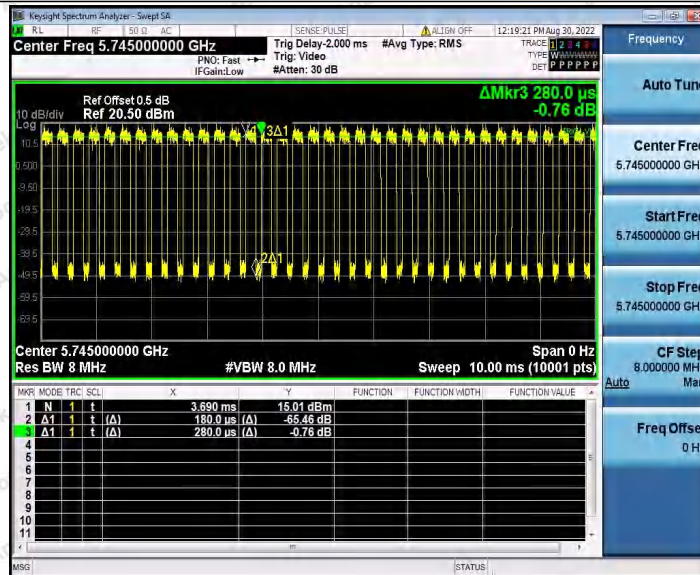


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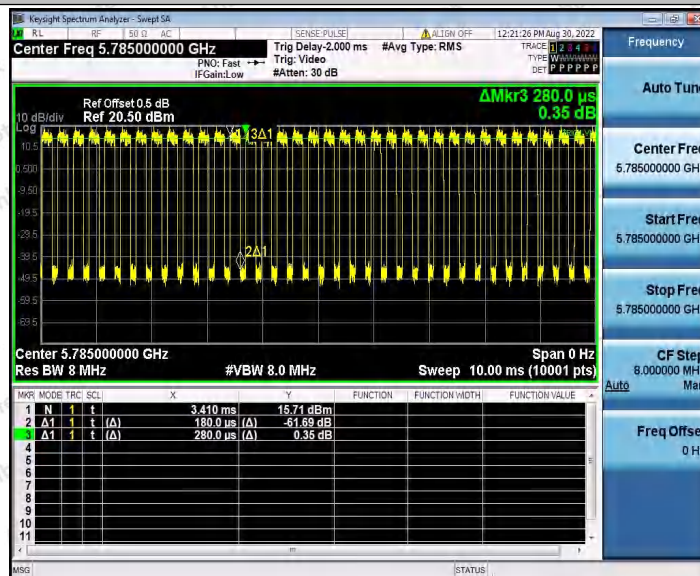




11A_Ant1_5745



11A_Ant1_5785



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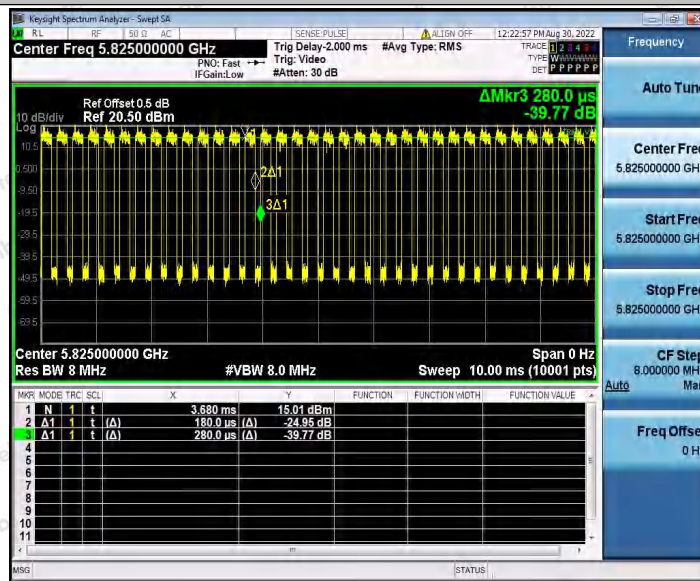
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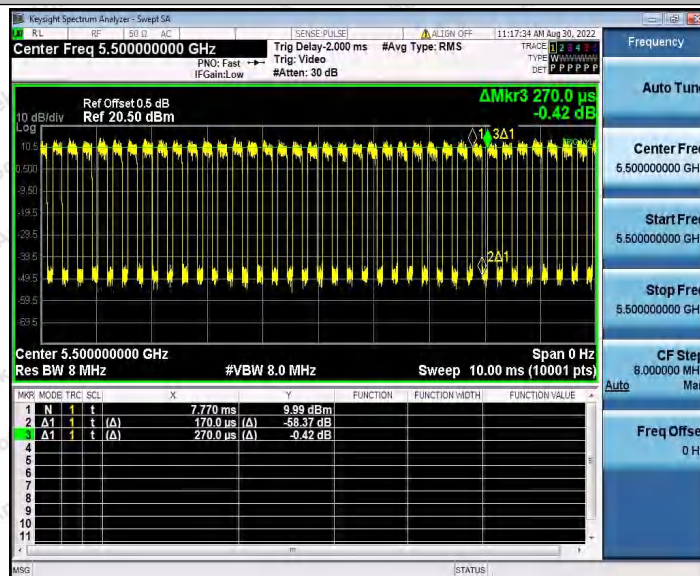
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11A_Ant1_5825



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580

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