

Appendix Test Data

Report No.:	18220WC20186203	Test Sample No.:	1-2-2
Start Test Date:	2022.8.16	Finish Test Date:	2022.8.25
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

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.240	5169.400	5190.640	---	PASS
		5200	21.840	5188.840	5210.680	---	PASS
		5240	21.480	5229.320	5250.800	---	PASS
		5745	27.640	5729.040	5756.680	---	PASS
		5785	22.040	5774.480	5796.520	---	PASS
		5825	21.640	5813.880	5835.520	---	PASS
11N20SISO	Ant1	5180	21.640	5169.200	5190.840	---	PASS
		5200	22.200	5188.560	5210.760	---	PASS
		5240	24.360	5229.160	5253.520	---	PASS
		5745	23.800	5732.000	5755.800	---	PASS
		5785	25.000	5774.200	5799.200	---	PASS
		5825	24.680	5813.520	5838.200	---	PASS
11N40SISO	Ant1	5190	51.280	5162.400	5213.680	---	PASS
		5230	39.920	5209.760	5249.680	---	PASS
		5755	71.520	5716.760	5788.280	---	PASS
		5795	45.440	5775.160	5820.600	---	PASS
11AC20SISO	Ant1	5180	21.480	5169.240	5190.720	---	PASS
		5200	21.520	5189.080	5210.600	---	PASS
		5240	21.480	5229.240	5250.720	---	PASS
		5745	25.280	5730.920	5756.200	---	PASS
		5785	22.120	5774.200	5796.320	---	PASS
		5825	25.920	5814.240	5840.160	---	PASS
11AC40SISO	Ant1	5190	49.760	5164.960	5214.720	---	PASS
		5230	51.360	5205.840	5257.200	---	PASS
		5755	74.480	5716.920	5791.400	---	PASS
		5795	54.320	5774.920	5829.240	---	PASS

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11AC80SISO	Ant1	5210	81.440	5169.520	5250.960	---	PASS
		5775	103.840	5726.040	5829.880	---	PASS

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11A_Ant1_5745



11A_Ant1_5785



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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

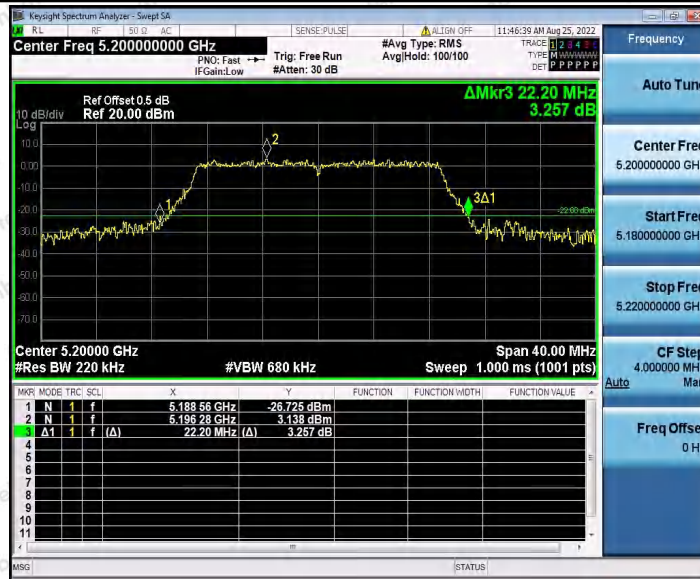
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11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



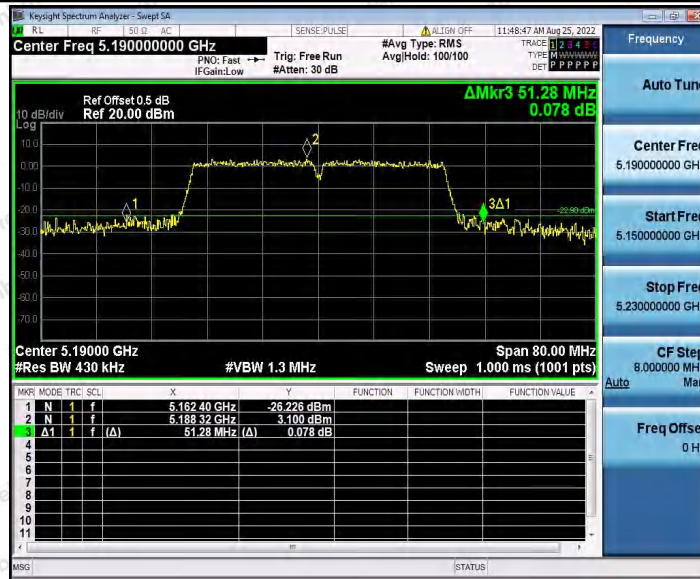
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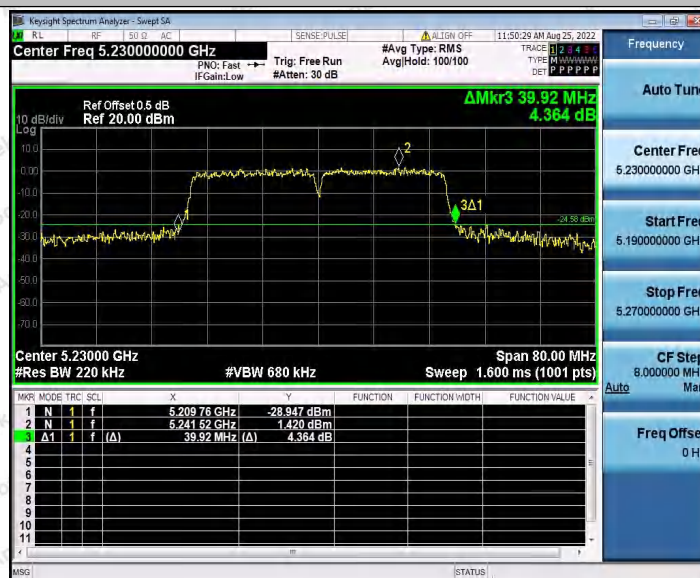
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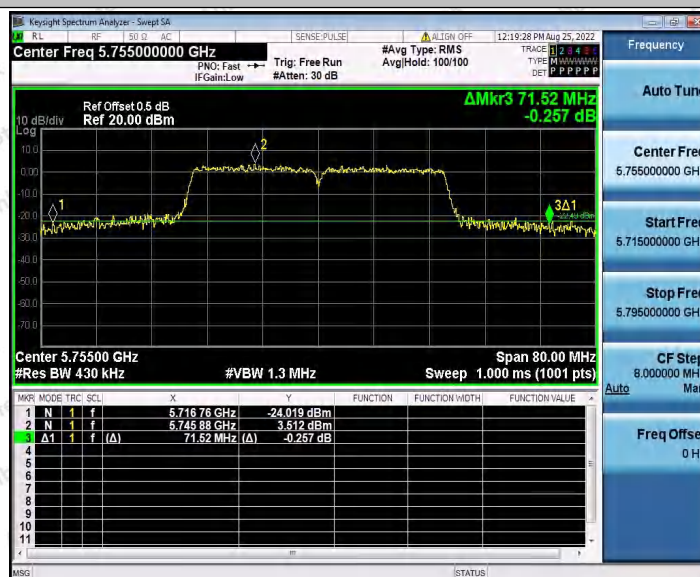




11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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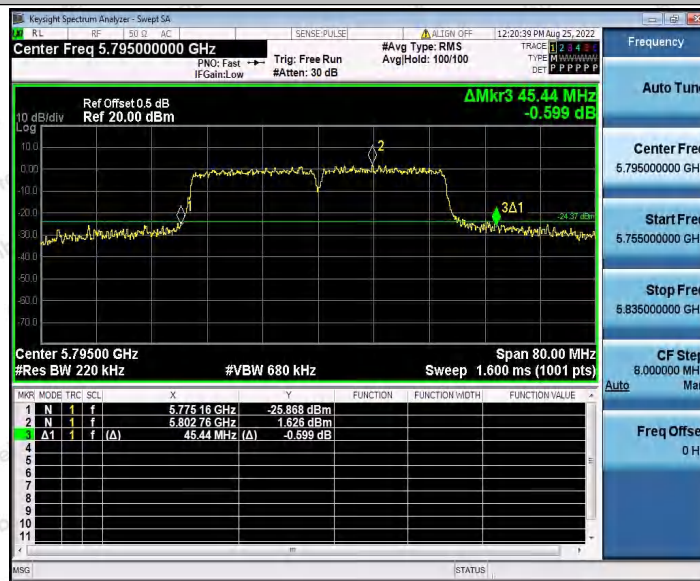
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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

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11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

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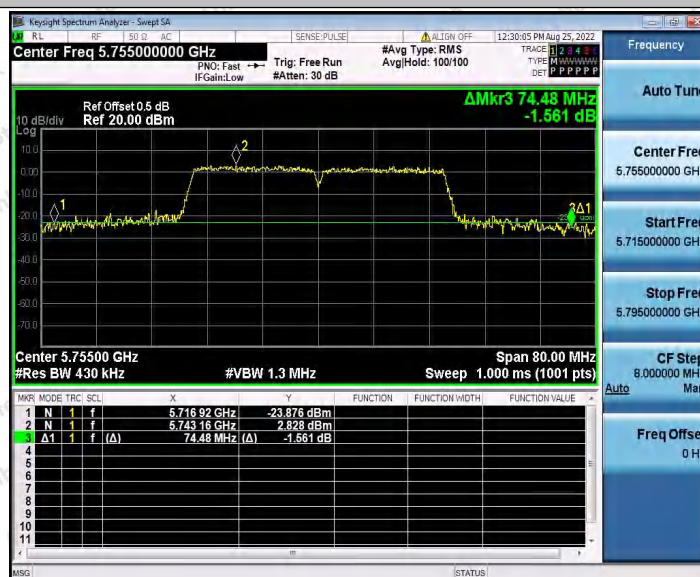




11AC40SISO_Ant1_5230



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

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.371	5171.3196	5188.6906	---	PASS
		5200	17.486	5191.2247	5208.7107	---	PASS
		5240	17.457	5231.2687	5248.7257	---	PASS
		5745	17.752	5735.9961	5753.7481	---	PASS
		5785	17.608	5776.3066	5793.9146	---	PASS
		5825	17.542	5816.1674	5833.7094	---	PASS
11N20SISO	Ant1	5180	18.406	5170.8323	5189.2383	---	PASS
		5200	18.398	5190.8373	5209.2353	---	PASS
		5240	18.422	5230.8086	5249.2306	---	PASS
		5745	18.474	5735.7052	5754.1792	---	PASS
		5785	18.581	5775.8590	5794.4400	---	PASS
		5825	18.521	5815.7243	5834.2453	---	PASS
11N40SISO	Ant1	5190	36.435	5171.8005	5208.2355	---	PASS
		5230	36.425	5211.8519	5248.2769	---	PASS
		5755	36.704	5736.6090	5773.3130	---	PASS
		5795	36.555	5776.8606	5813.4156	---	PASS
11AC20SISO	Ant1	5180	18.409	5170.7860	5189.1950	---	PASS
		5200	18.471	5190.6977	5209.1687	---	PASS
		5240	18.455	5230.8117	5249.2667	---	PASS
		5745	18.549	5735.7183	5754.2673	---	PASS
		5785	18.587	5775.8316	5794.4186	---	PASS
		5825	18.531	5815.6842	5834.2152	---	PASS
11AC40SISO	Ant1	5190	36.902	5171.6090	5208.5110	---	PASS
		5230	36.734	5211.7014	5248.4354	---	PASS
		5755	37.059	5736.4157	5773.4747	---	PASS
		5795	36.770	5776.8409	5813.6109	---	PASS
11AC80SISO	Ant1	5210	75.923	5172.2094	5248.1324	---	PASS
		5775	76.217	5737.0443	5813.2613	---	PASS



Test Graphs



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11A_Ant1_5745



11A_Ant1_5785



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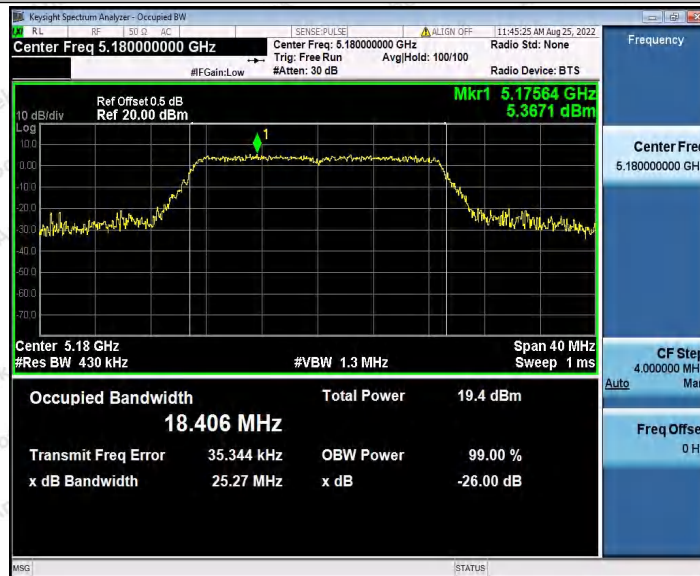
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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

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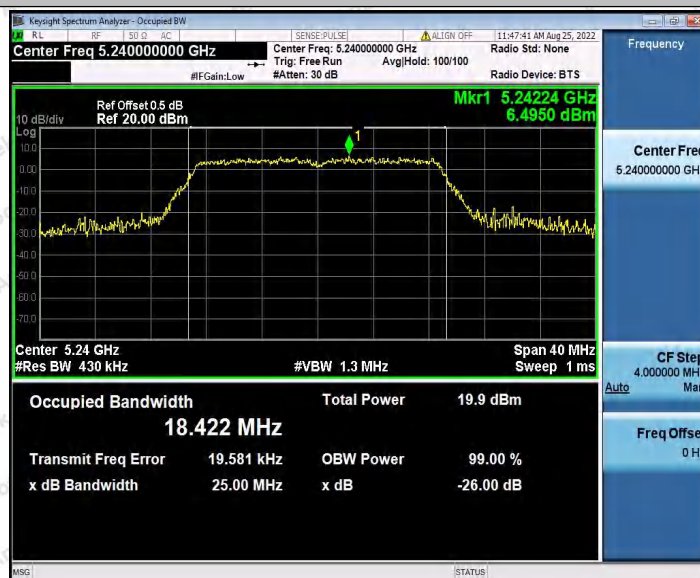


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11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



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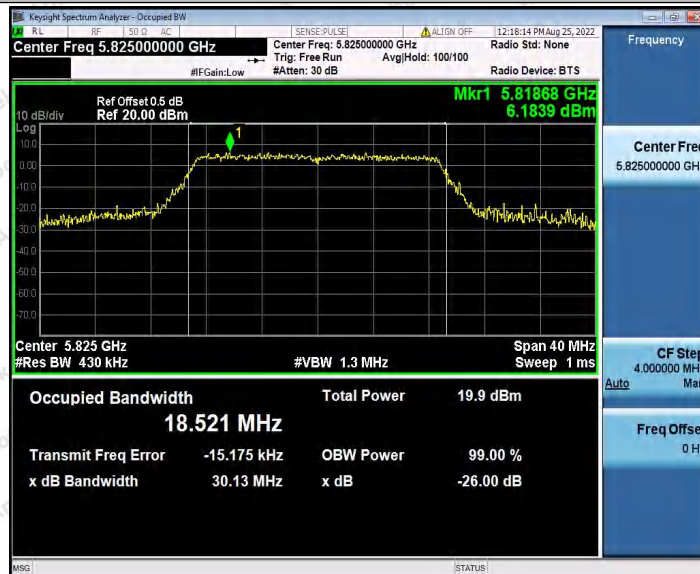
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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

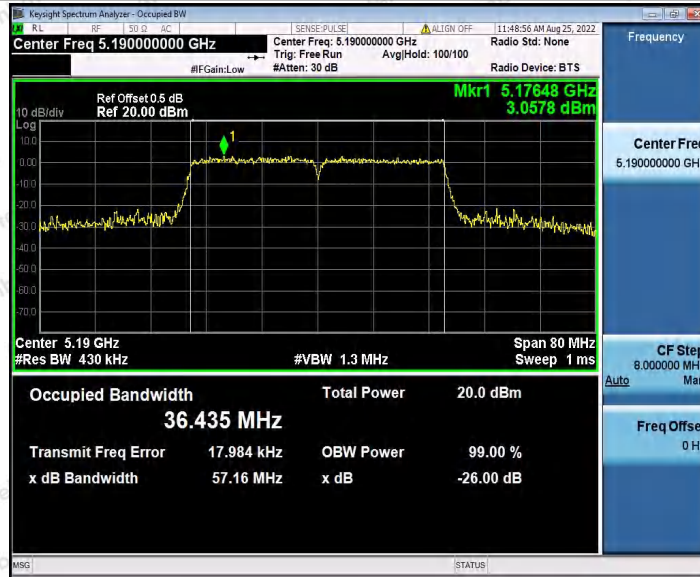
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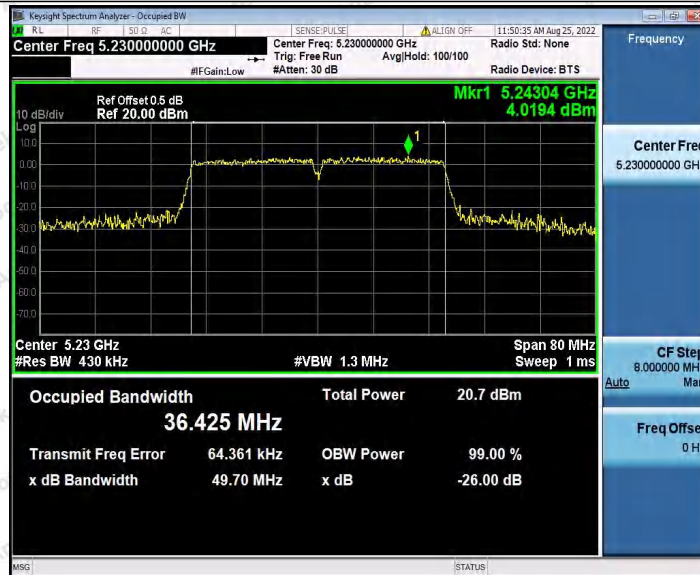


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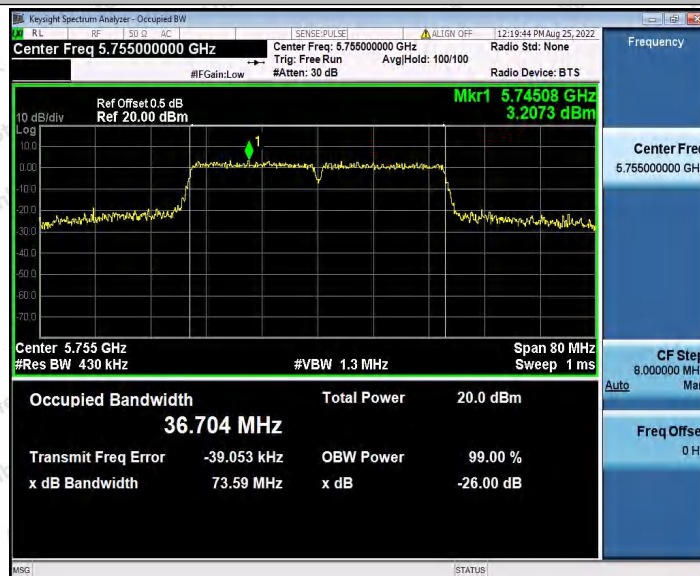




11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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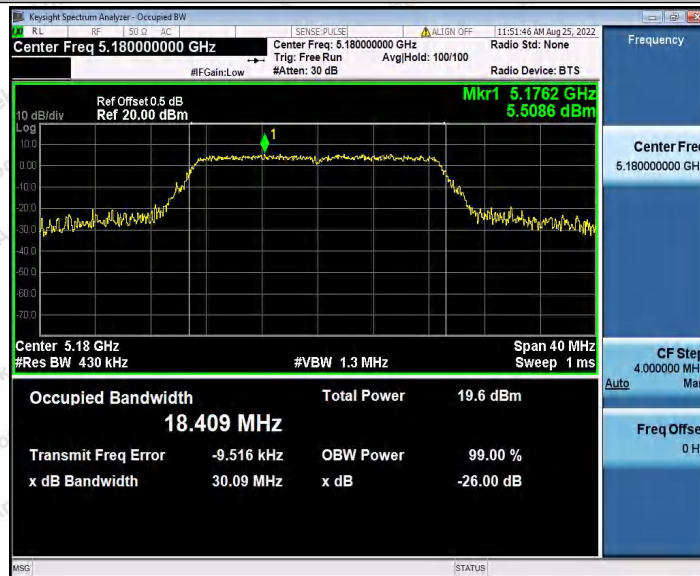
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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

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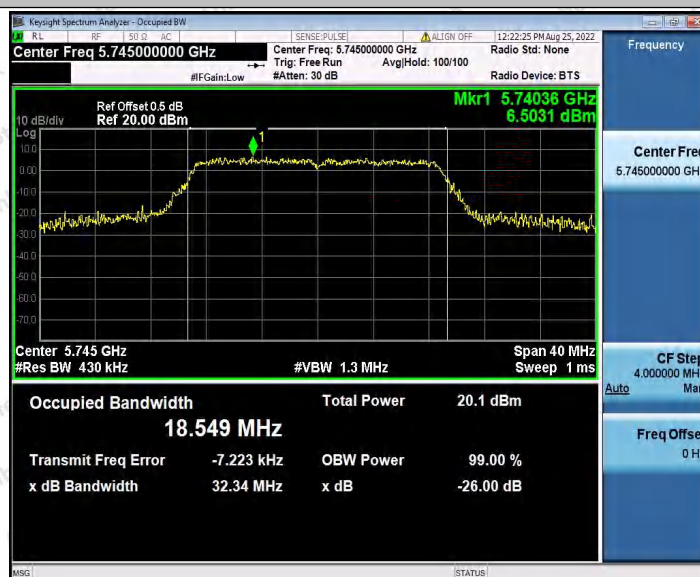




11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



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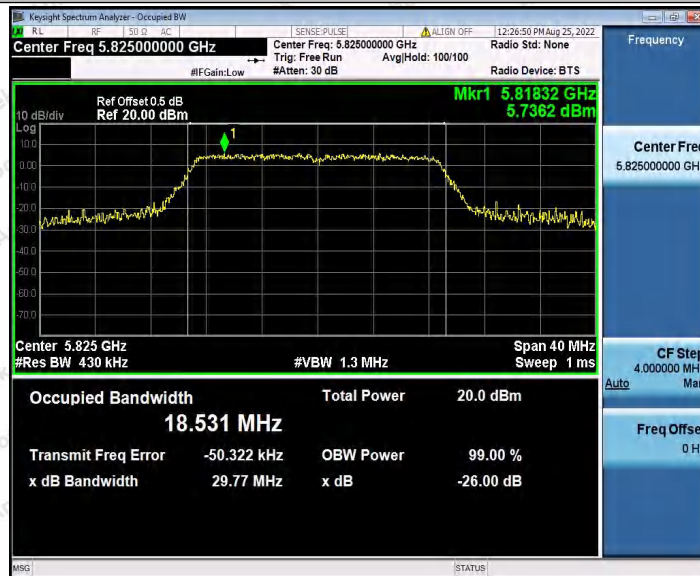
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

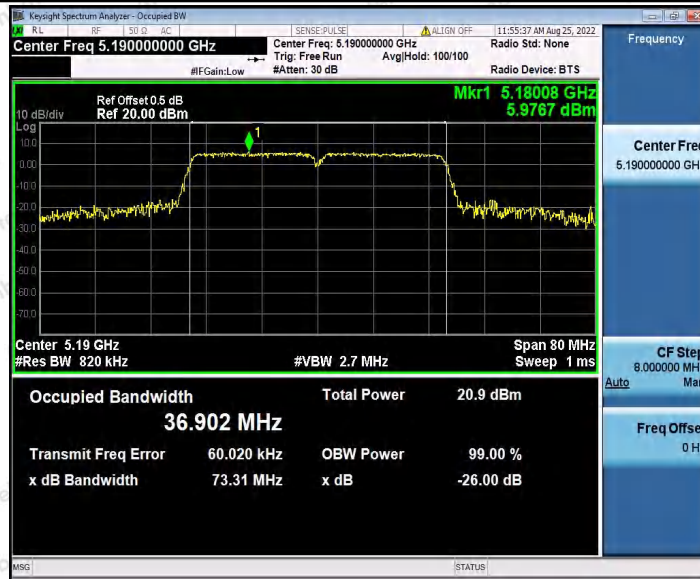
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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



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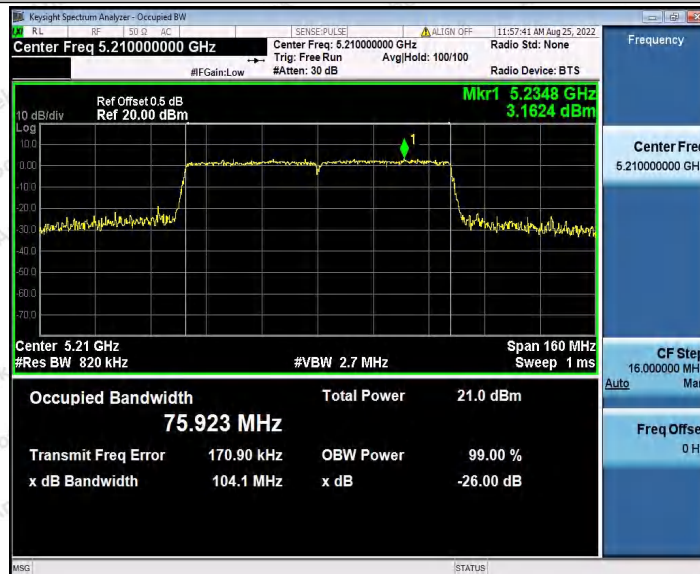
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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

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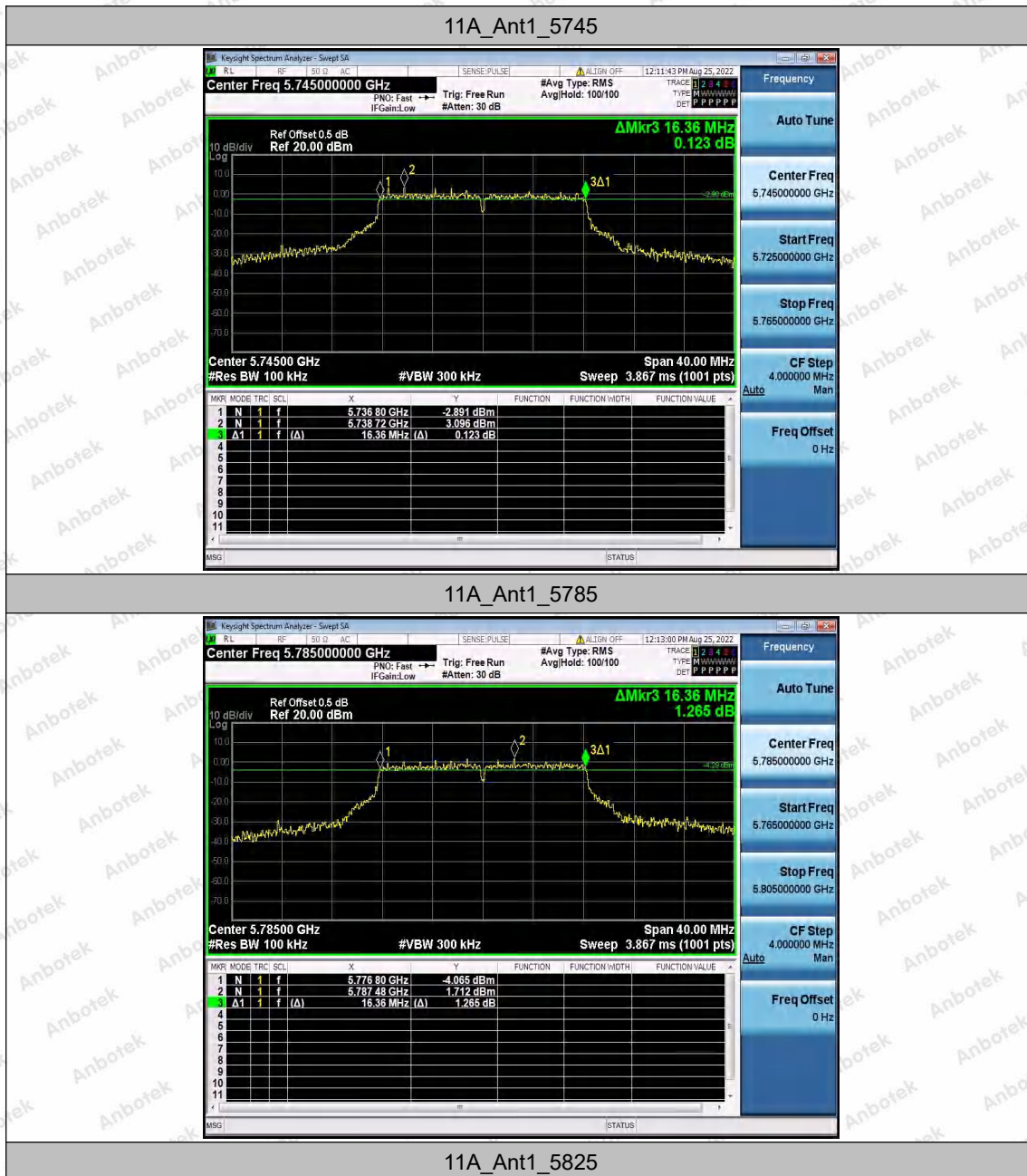
Appendix A3: Min emission bandwidth

Test Result B4

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.400	5816.760	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.200	5753.720	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.560	5816.200	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.080	5736.840	5772.920	0.5	PASS
		5795	35.760	5777.400	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	35.920	5777.240	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.840	5737.080	5812.920	0.5	PASS



Test Graphs B4



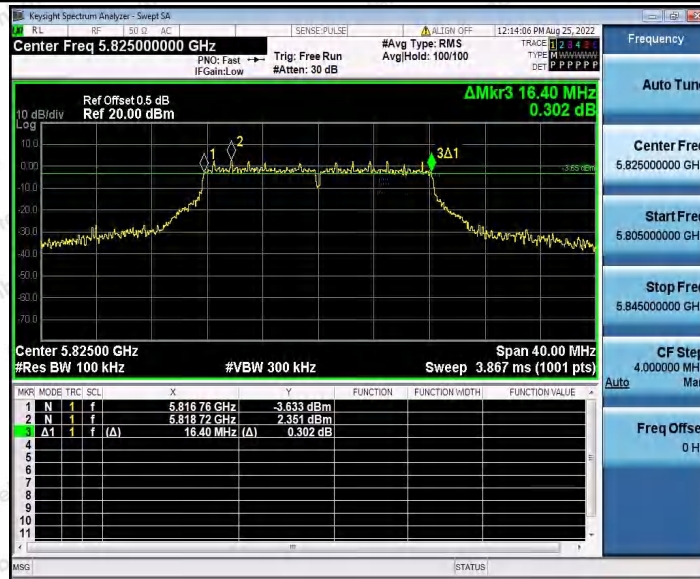
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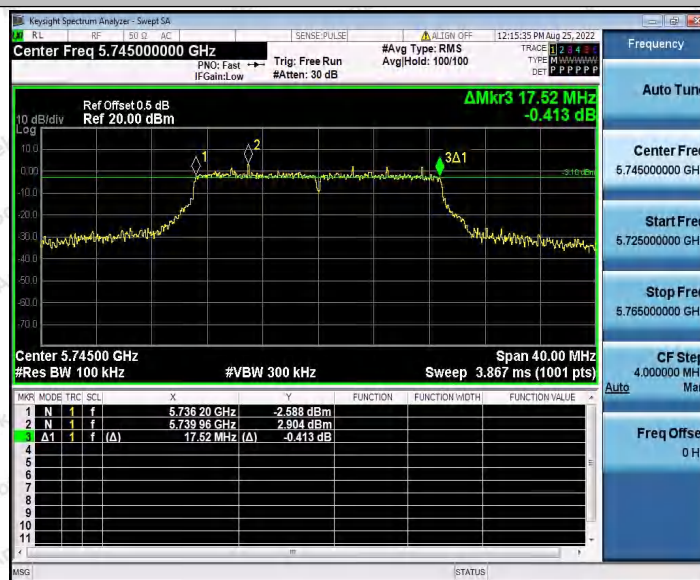


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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



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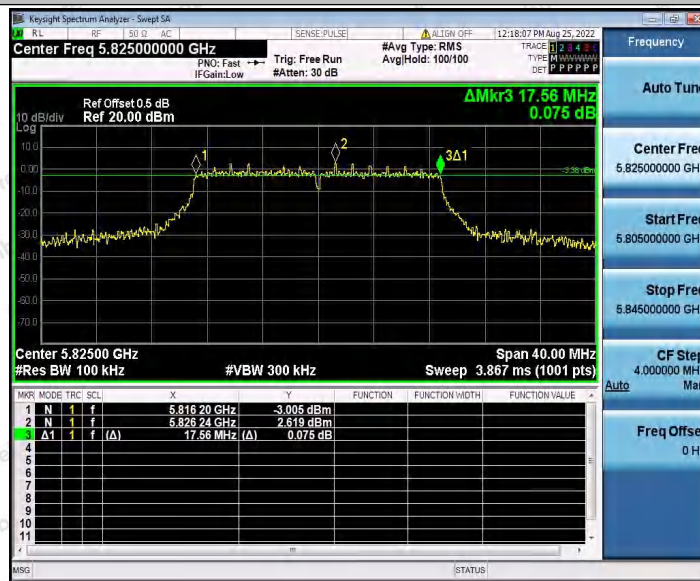
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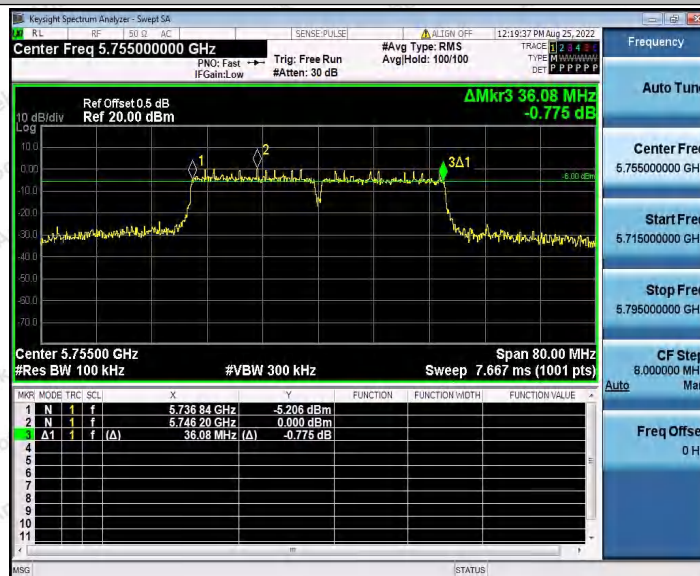
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

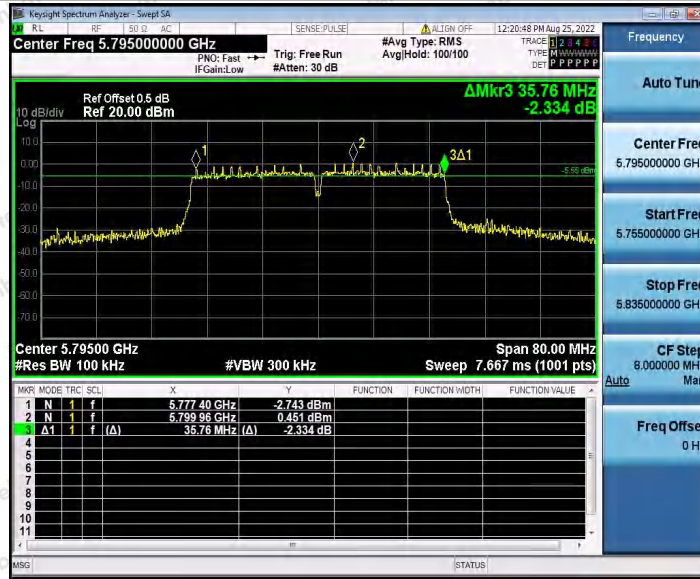
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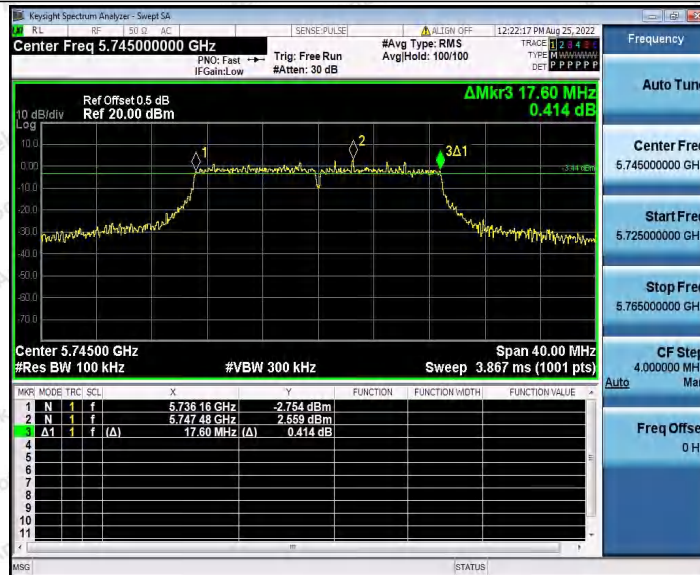


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11AC20SISO_Ant1_5785



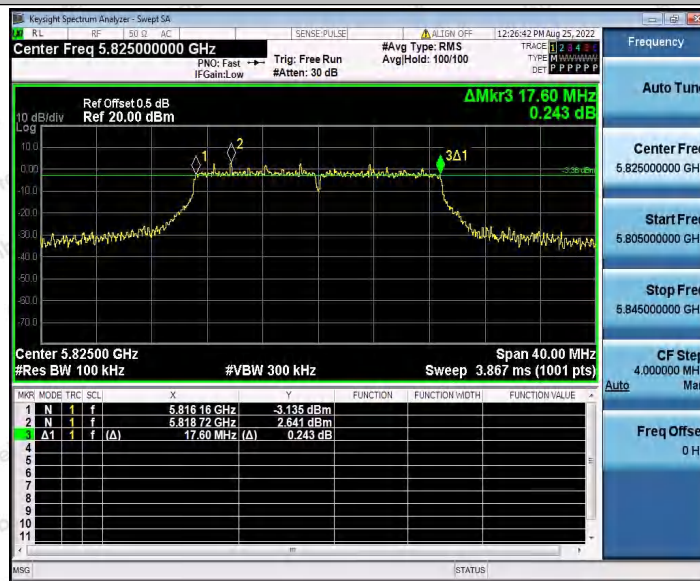
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11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

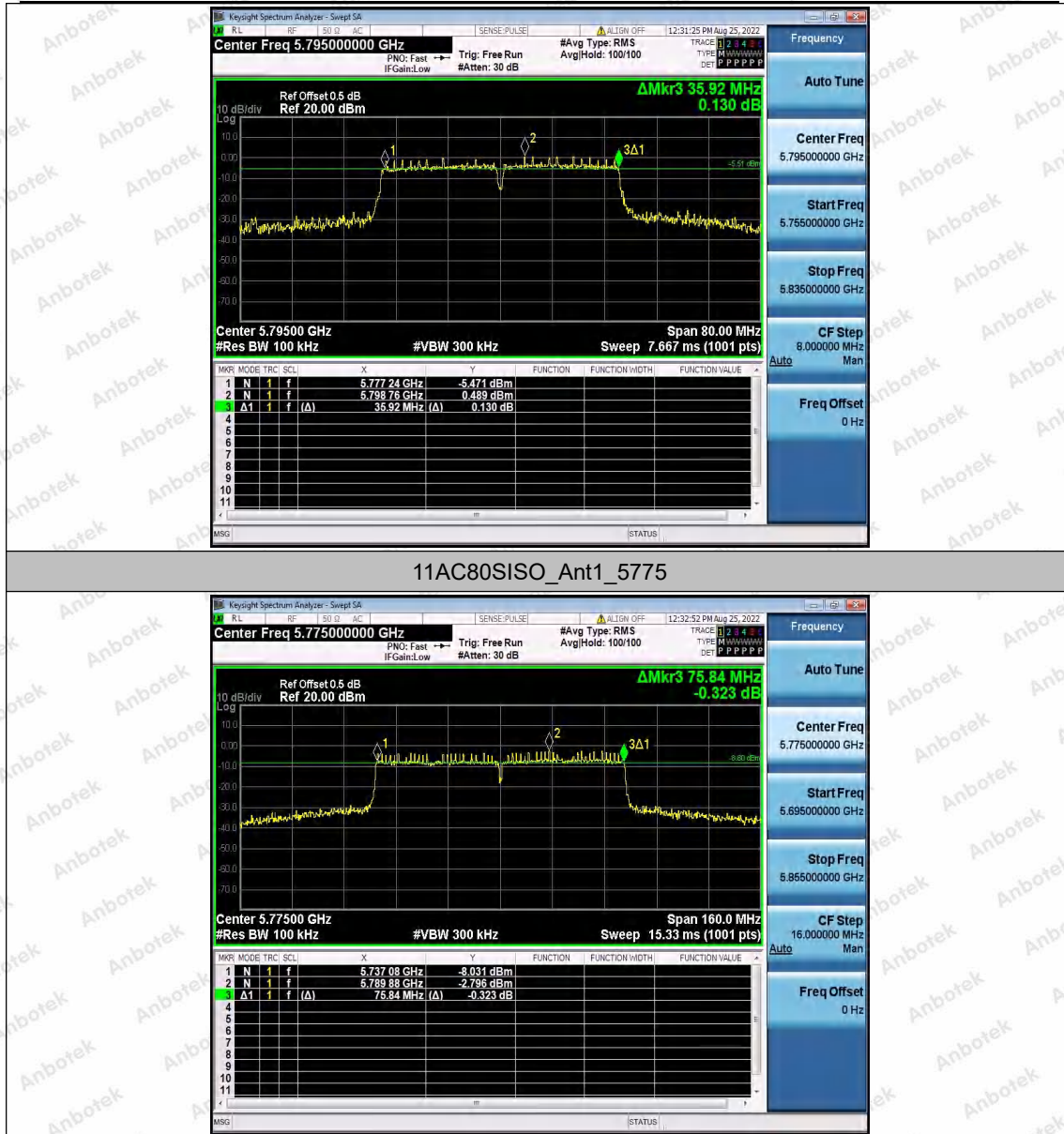
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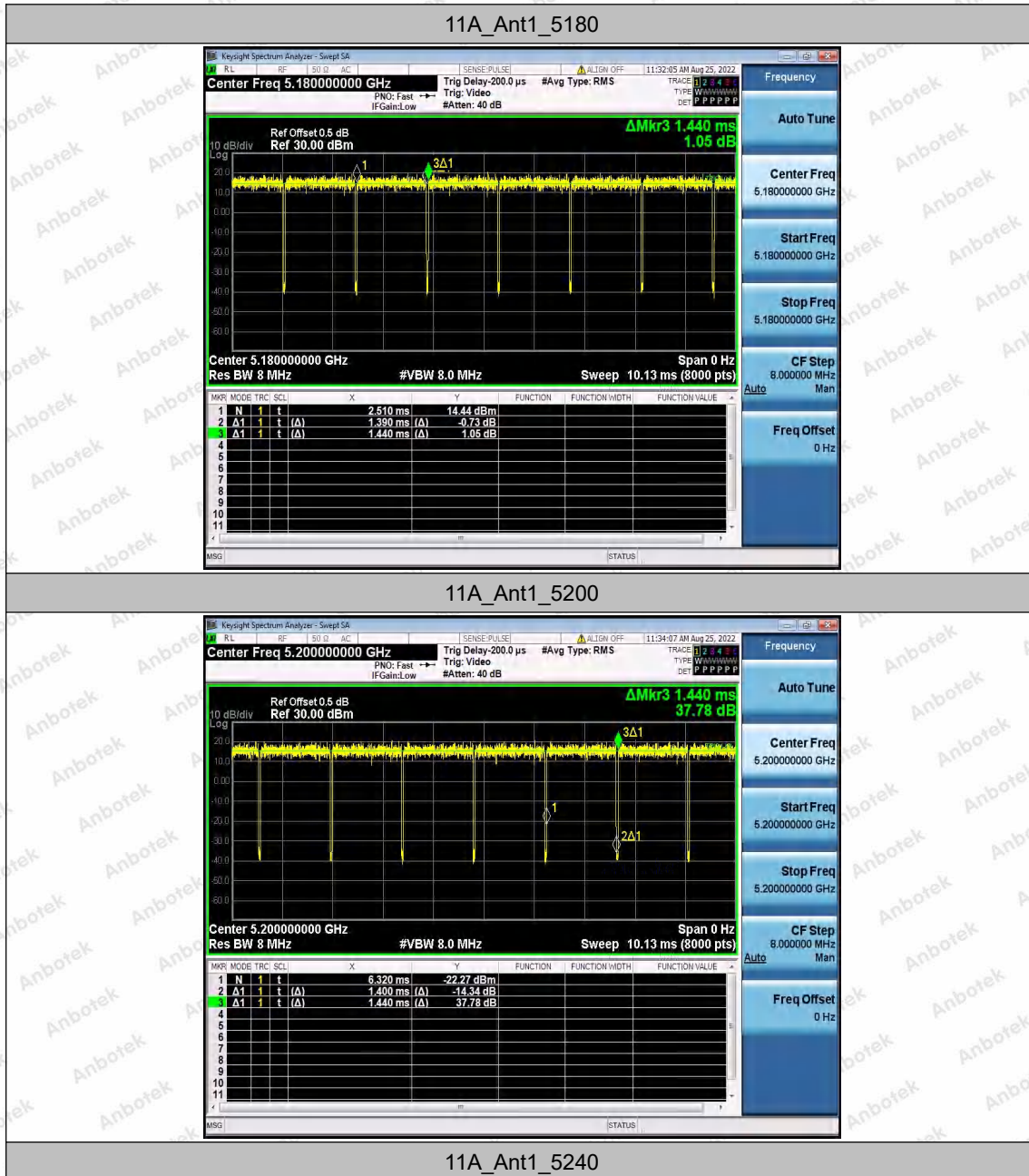
Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.44	96.53	---	PASS
		5200	1.40	1.44	97.22	---	PASS
		5240	1.39	1.44	96.53	---	PASS
		5745	1.40	1.44	97.22	---	PASS
		5785	1.40	1.44	97.22	---	PASS
		5825	1.40	1.44	97.22	---	PASS
11N20SISO	Ant1	5180	1.30	1.34	97.01	---	PASS
		5200	1.31	1.35	97.04	---	PASS
		5240	1.30	1.34	97.01	---	PASS
		5745	1.31	1.35	97.04	---	PASS
		5785	1.31	1.35	97.04	---	PASS
		5825	1.31	1.35	97.04	---	PASS
11N40SISO	Ant1	5190	0.65	0.69	94.20	---	PASS
		5230	0.65	0.69	94.20	---	PASS
		5755	0.65	0.69	94.20	---	PASS
		5795	0.65	0.69	94.20	---	PASS
11AC20SISO	Ant1	5180	1.32	1.36	97.06	---	PASS
		5200	1.32	1.36	97.06	---	PASS
		5240	1.32	1.36	97.06	---	PASS
		5745	1.31	1.35	97.04	---	PASS
		5785	1.32	1.36	97.06	---	PASS
		5825	1.32	1.36	97.06	---	PASS
11AC40SISO	Ant1	5190	0.66	0.70	94.29	---	PASS
		5230	0.65	0.69	94.20	---	PASS
		5755	0.66	0.70	94.29	---	PASS
		5795	0.66	0.70	94.29	---	PASS
11AC80SISO	Ant1	5210	0.33	0.37	89.19	---	PASS
		5775	0.32	0.36	88.89	---	PASS



Test Graphs



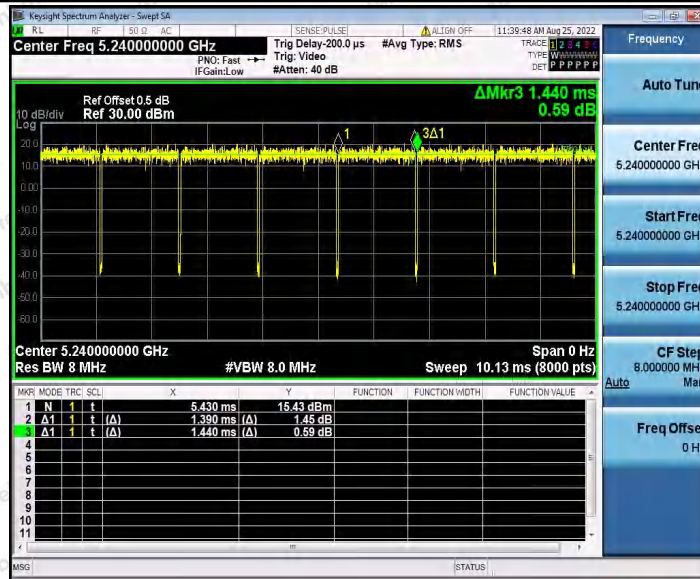
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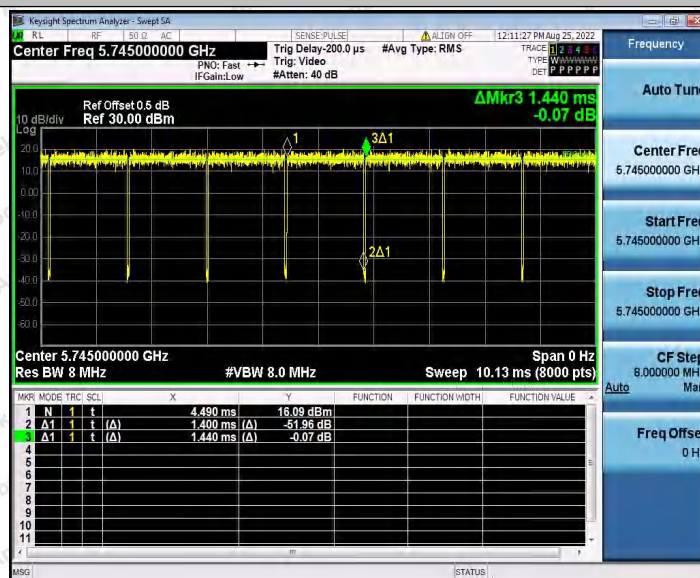


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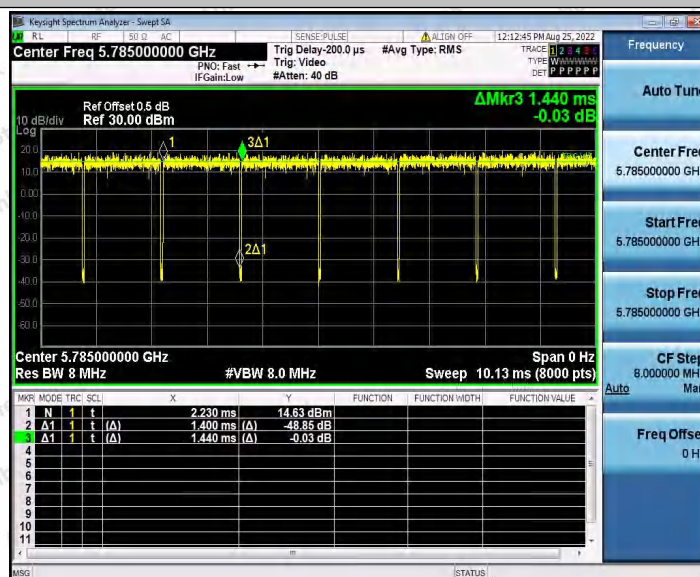




11A_Ant1_5745



11A_Ant1_5785



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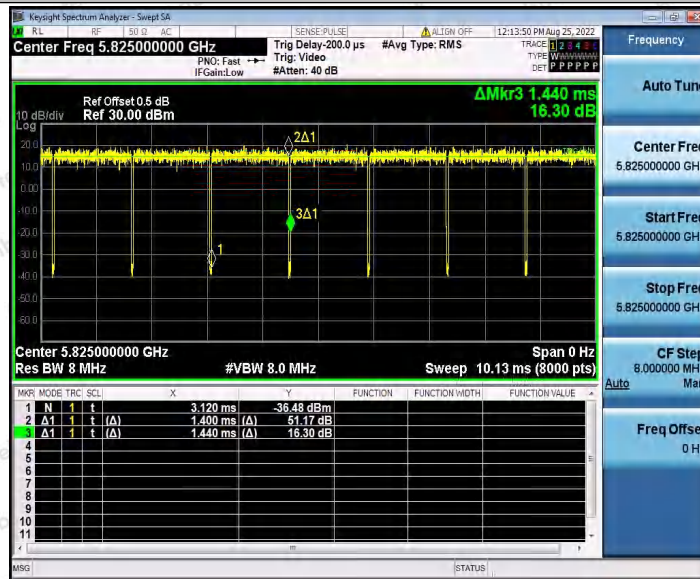
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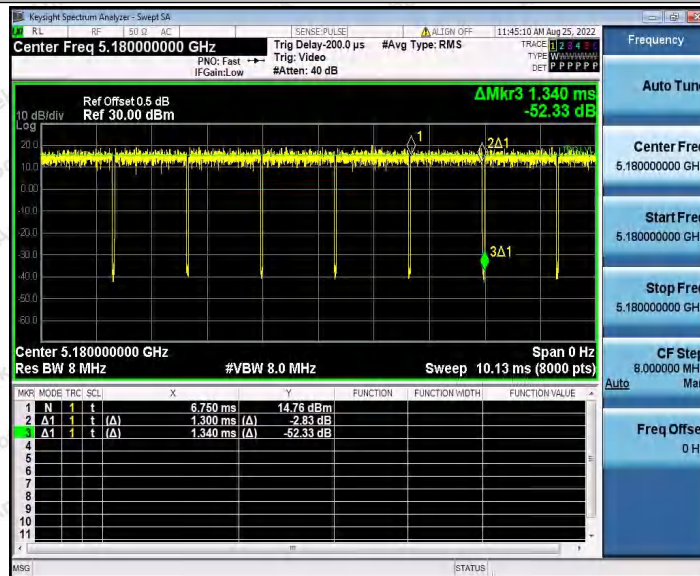
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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

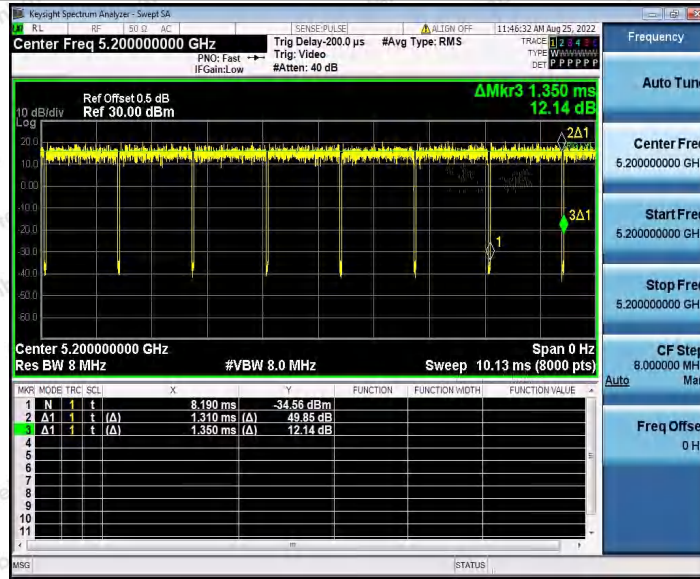
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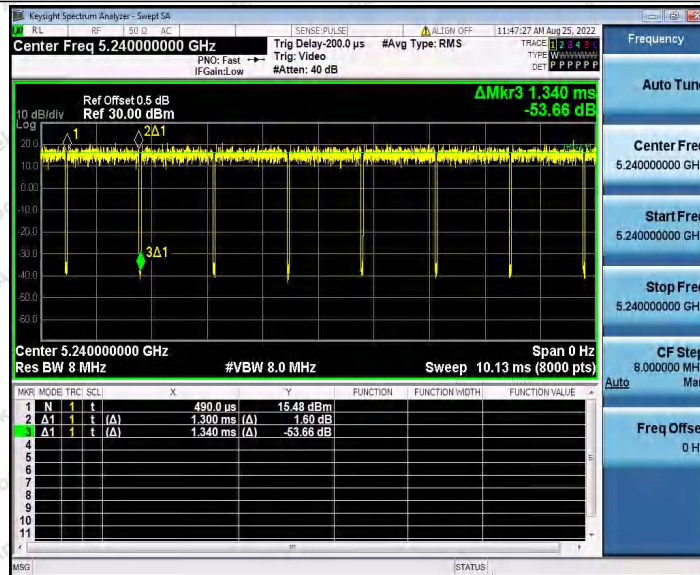


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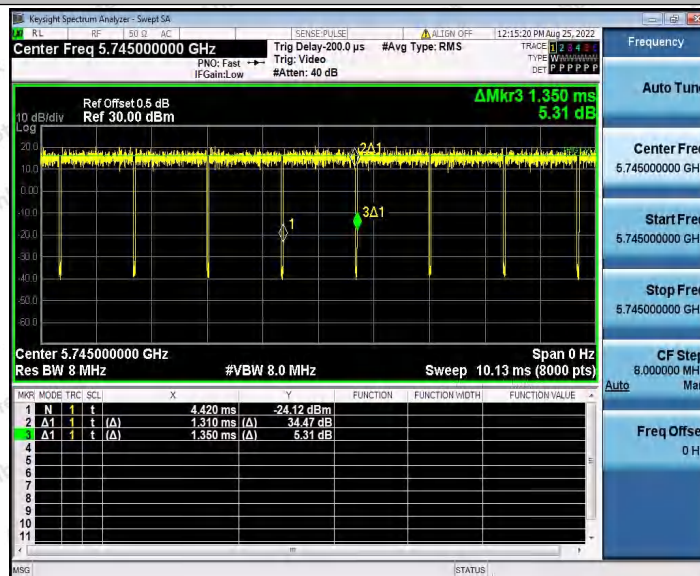




11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



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