

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.080	5169.240	5190.320	---	---
		5220	21.080	5209.320	5230.400	---	---
		5240	21.080	5229.320	5250.400	---	---
		5745	21.120	5734.400	5755.520	---	---
		5785	21.800	5774.360	5796.160	---	---
		5825	23.200	5814.280	5837.480	---	---
11N20SISO	Ant1	5180	21.360	5169.240	5190.600	---	---
		5220	21.040	5209.360	5230.400	---	---
		5240	21.720	5228.800	5250.520	---	---
		5745	21.480	5734.120	5755.600	---	---
		5785	25.440	5772.960	5798.400	---	---
		5825	21.880	5814.000	5835.880	---	---
11N40SISO	Ant1	5190	39.760	5170.240	5210.000	---	---
		5230	39.680	5210.000	5249.680	---	---
		5755	46.000	5735.240	5781.240	---	---
		5795	50.320	5775.320	5825.640	---	---
11AC20SISO	Ant1	5180	21.200	5169.240	5190.440	---	---
		5220	21.280	5209.240	5230.520	---	---
		5240	21.280	5229.280	5250.560	---	---
		5745	21.440	5734.040	5755.480	---	---
		5785	21.600	5773.960	5795.560	---	---
		5825	21.360	5814.240	5835.600	---	---
11AC40SISO	Ant1	5190	39.840	5170.160	5210.000	---	---
		5230	40.000	5210.000	5250.000	---	---
		5755	46.400	5735.160	5781.560	---	---
		5795	43.120	5775.320	5818.440	---	---
11AC80SISO	Ant1	5210	81.120	5169.520	5250.640	---	---
		5775	82.880	5735.000	5817.880	---	---



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Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



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11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



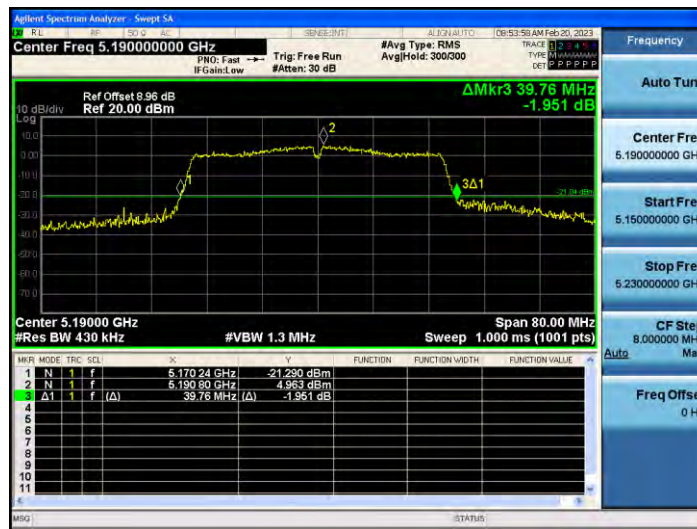
11N40SISO_Ant1_5190



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11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



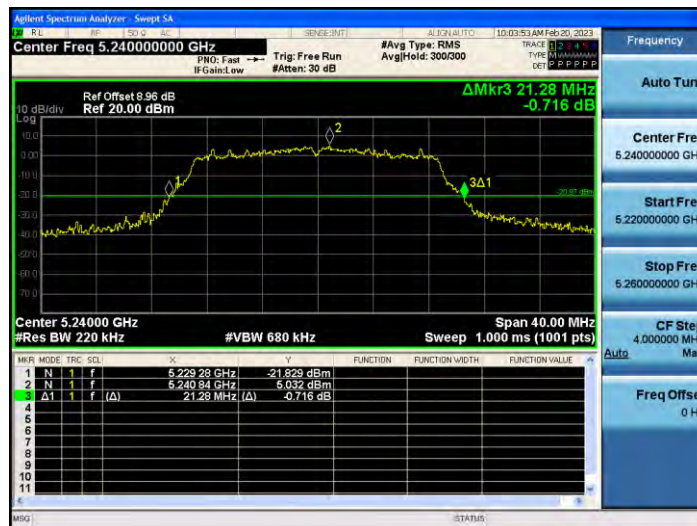
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11AC20ISO_Ant1_5240



11AC20ISO_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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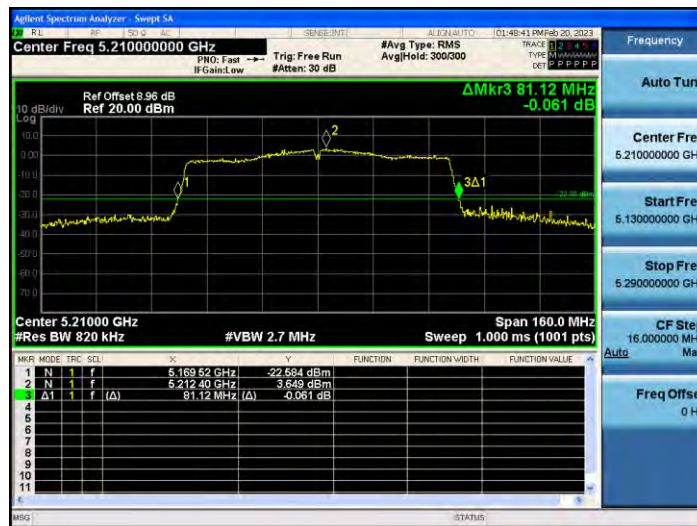
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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



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Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.251	5171.1872	5188.4382	---	---
		5220	17.243	5211.2594	5228.5024	---	---
		5240	17.270	5231.1834	5248.4534	---	---
		5745	17.484	5736.1375	5753.6215	---	---
		5785	17.636	5776.1072	5793.7432	---	---
		5825	17.540	5816.1414	5833.6814	---	---
11N20SISO	Ant1	5180	18.283	5170.6570	5188.9400	---	---
		5220	18.212	5210.8067	5229.0187	---	---
		5240	18.216	5230.7934	5249.0094	---	---
		5745	18.394	5735.7058	5754.0998	---	---
		5785	18.487	5775.7689	5794.2559	---	---
		5825	18.270	5815.7756	5834.0456	---	---
11N40SISO	Ant1	5190	36.442	5171.7750	5208.2170	---	---
		5230	36.323	5211.8342	5248.1572	---	---
		5755	36.706	5736.7805	5773.4865	---	---
		5795	36.944	5776.8043	5813.7483	---	---
11AC20SISO	Ant1	5180	18.141	5170.7973	5188.9383	---	---
		5220	18.135	5210.8500	5228.9850	---	---
		5240	18.144	5230.8397	5248.9837	---	---
		5745	18.312	5735.7828	5754.0948	---	---
		5785	18.280	5775.7967	5794.0767	---	---
		5825	18.294	5815.7303	5834.0243	---	---
11AC40SISO	Ant1	5190	36.411	5171.7209	5208.1319	---	---
		5230	36.286	5211.8426	5248.1286	---	---
		5755	36.599	5736.7670	5773.3660	---	---
		5795	36.501	5776.8774	5813.3784	---	---
11AC80SISO	Ant1	5210	75.430	5172.4686	5247.8986	---	---
		5775	75.585	5737.5697	5813.1547	---	---



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Test Graphs

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11A_Ant1_5220



11A_Ant1_5240



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11A_Ant1_5745



11A_Ant1_5785

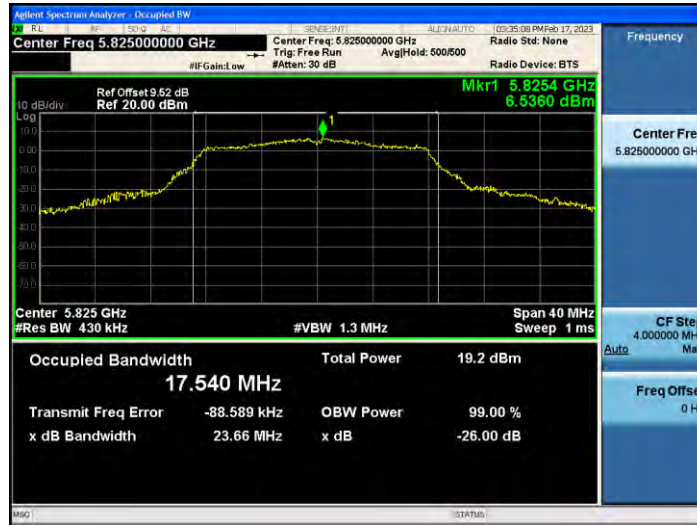


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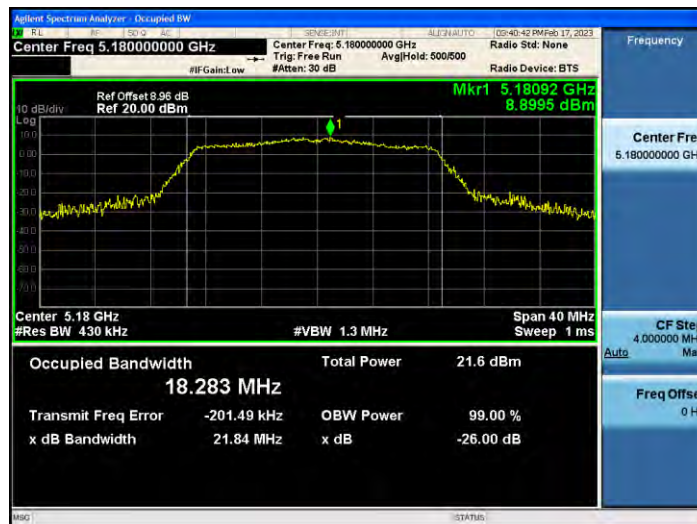
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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



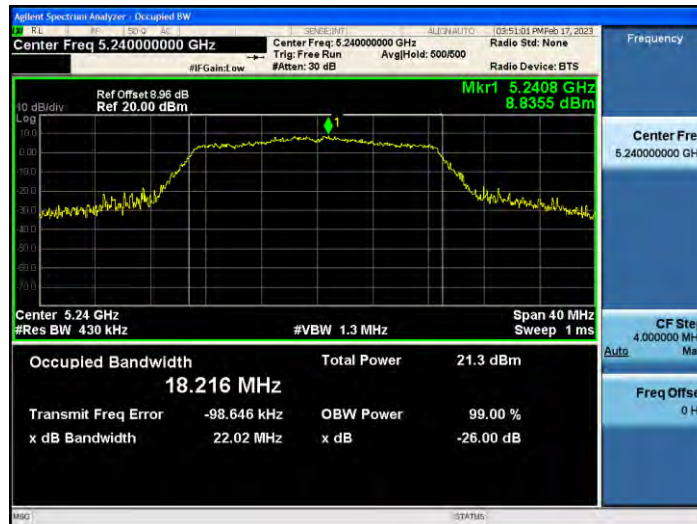
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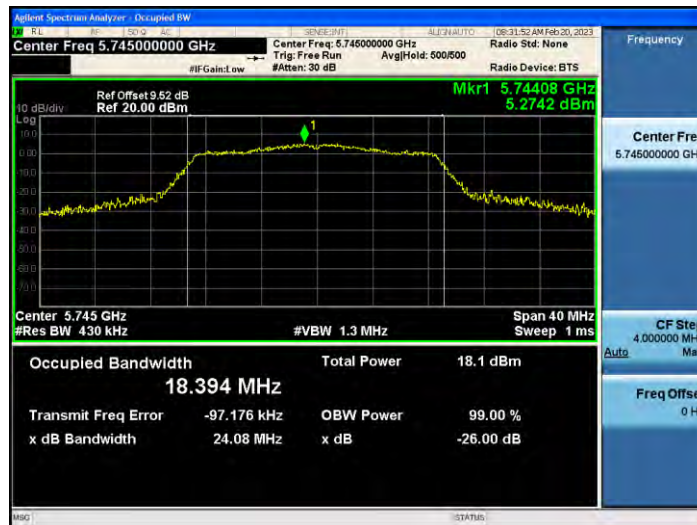
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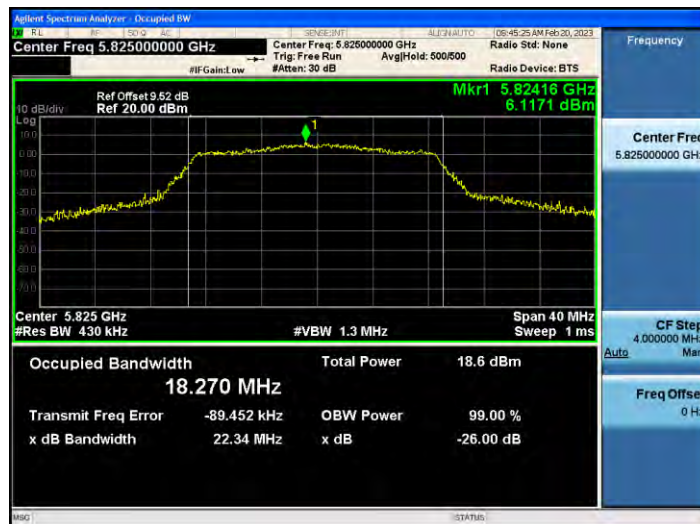
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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



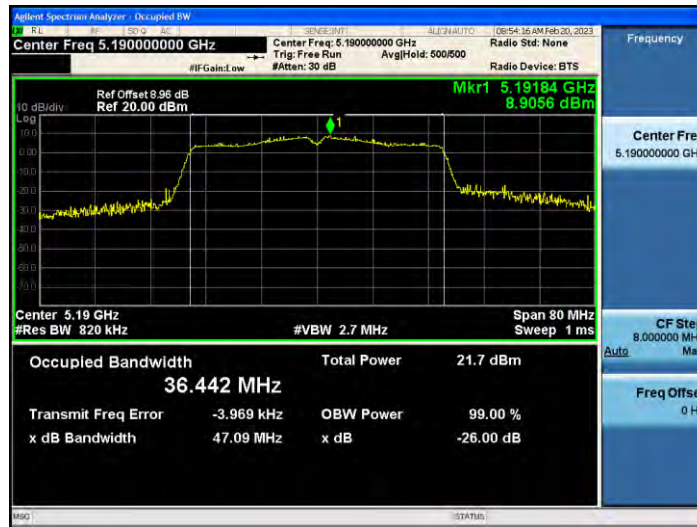
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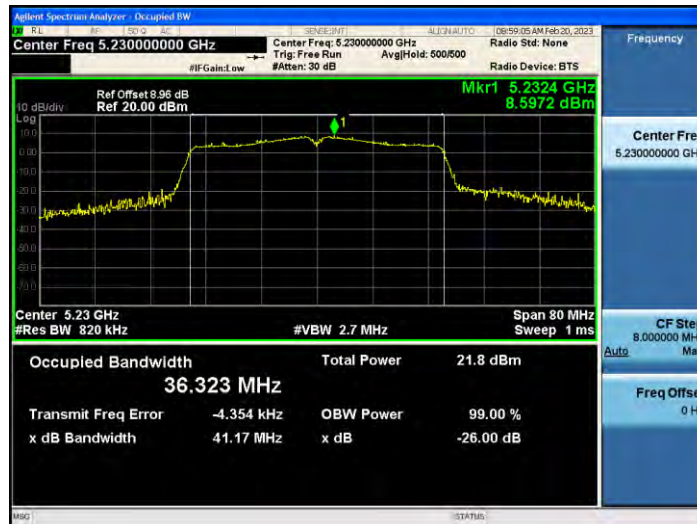
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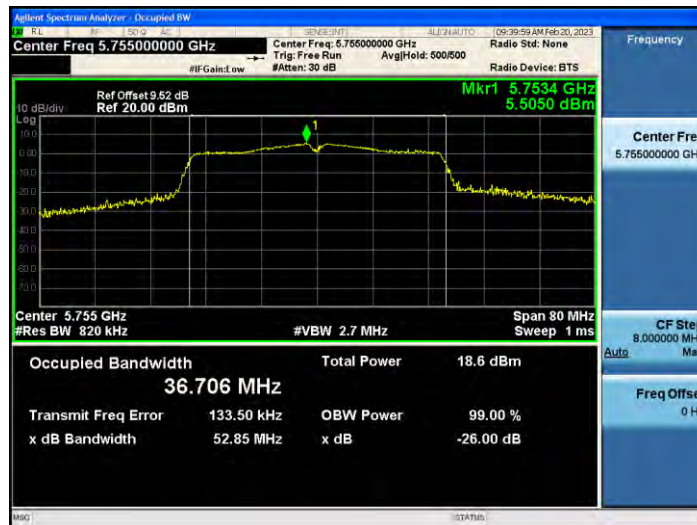
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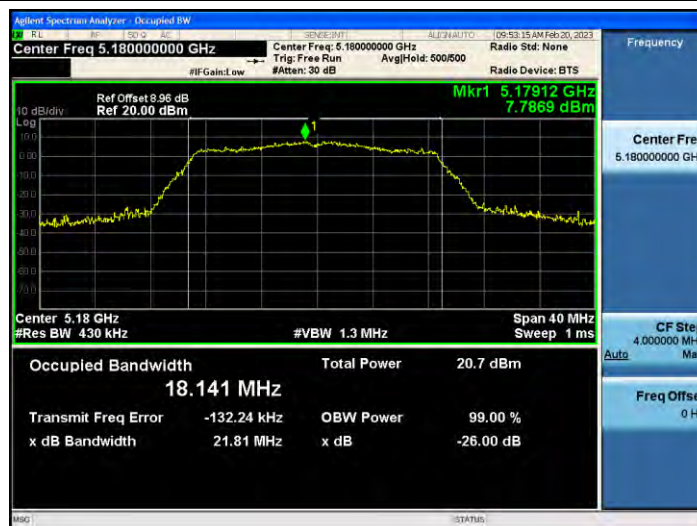
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11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



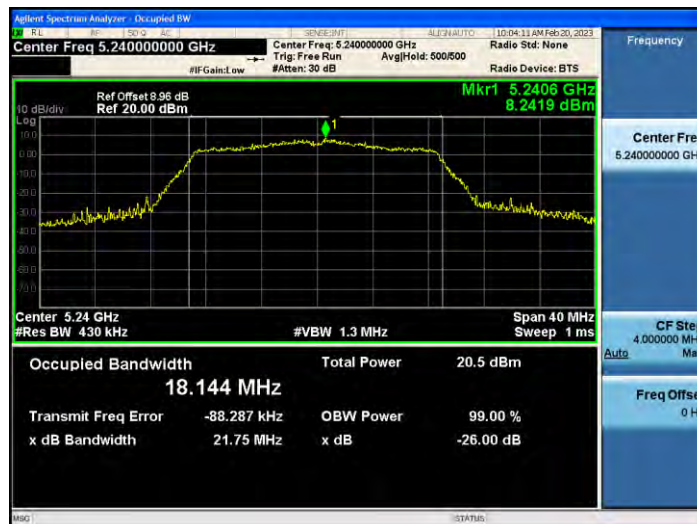
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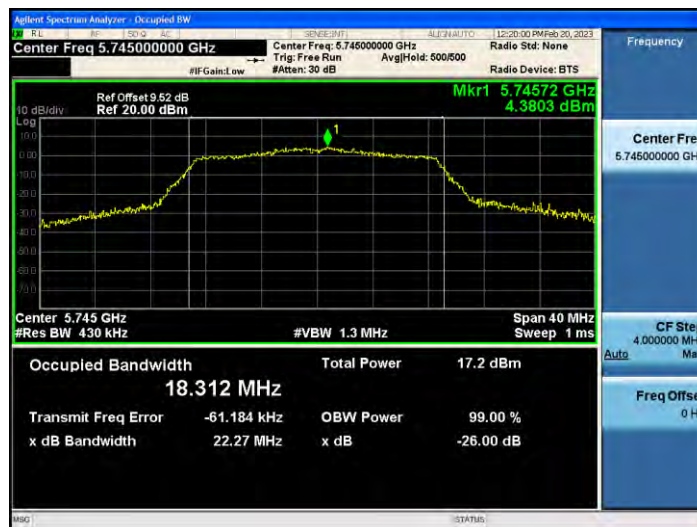
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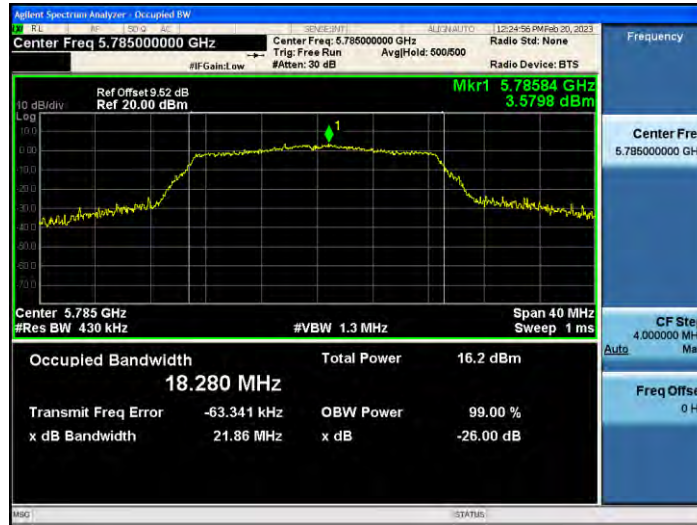


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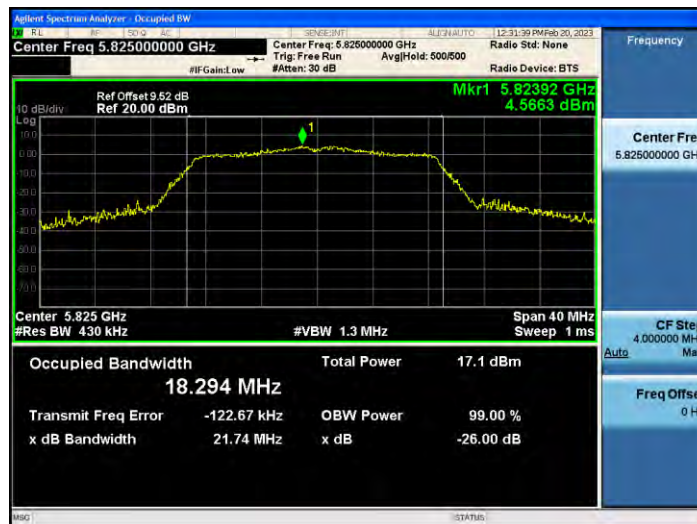
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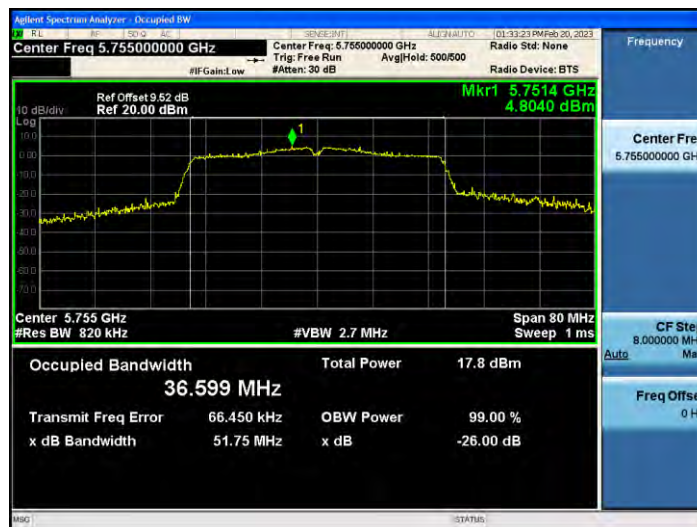
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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



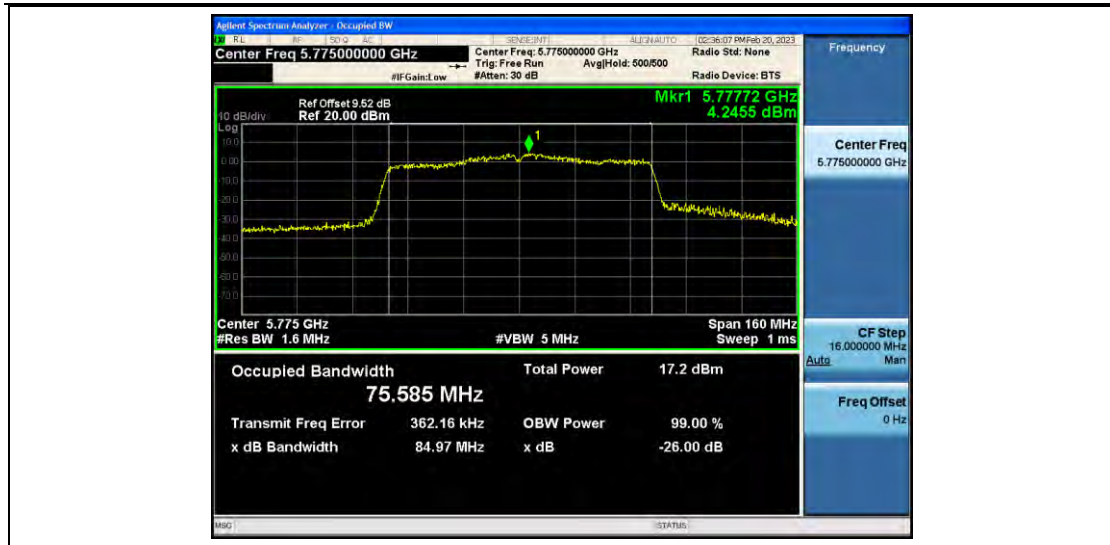
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Appendix A3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.760	5737.040	5752.800	0.5	PASS
		5785	15.760	5777.040	5792.800	0.5	PASS
		5825	15.720	5817.040	5832.760	0.5	PASS
11N20SISO	Ant1	5745	15.960	5737.320	5753.280	0.5	PASS
		5785	16.680	5776.480	5793.160	0.5	PASS
		5825	15.160	5817.320	5832.480	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.320	5772.440	0.5	PASS
		5795	35.200	5777.320	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	15.440	5737.280	5752.720	0.5	PASS
		5785	16.360	5777.280	5793.640	0.5	PASS
		5825	15.960	5817.280	5833.240	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.320	5772.440	0.5	PASS
		5795	35.360	5777.320	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	75.360	5737.240	5812.600	0.5	PASS



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Test Graphs

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11A_Ant1_5785



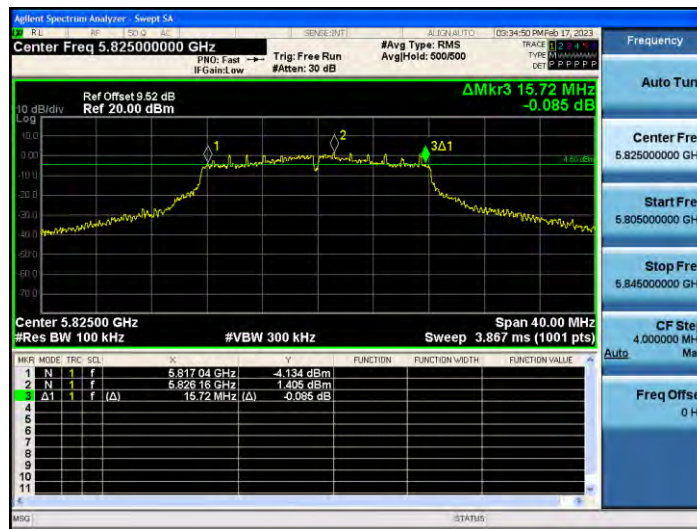
11A_Ant1_5825



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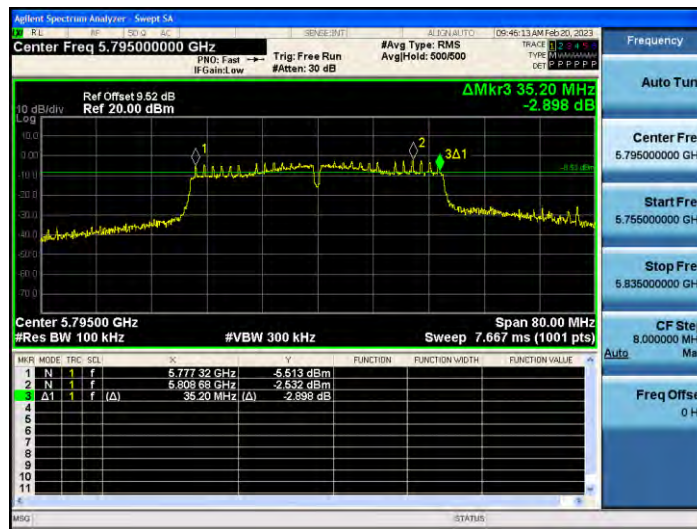
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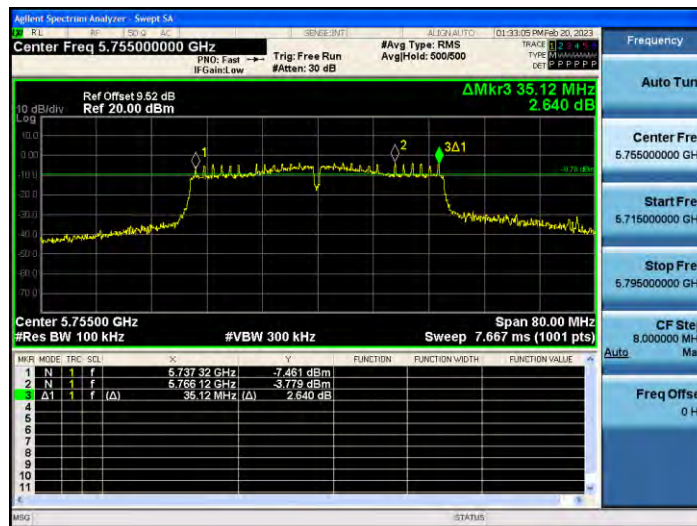
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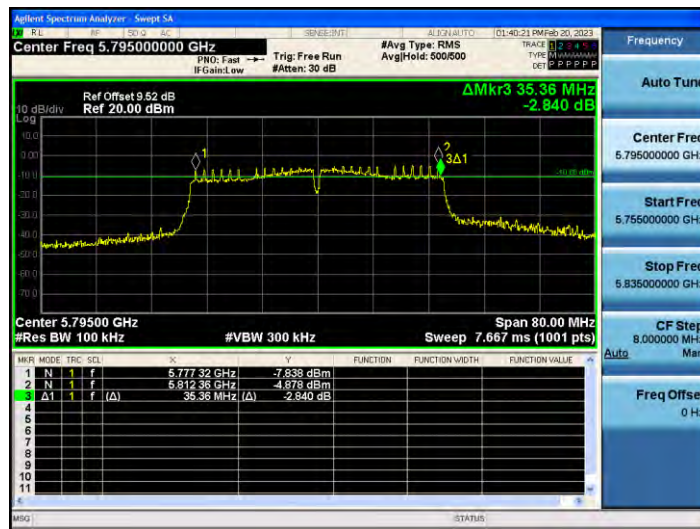
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11AC80ISO_Ant1_5775



Appendix B: Maximum conducted output power

Test Result For FCC

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	15.62	≤23.98	PASS
		5220	15.29	≤23.98	PASS
		5240	15.46	≤23.98	PASS
		5745	12.16	≤30.00	PASS
		5785	11.51	≤30.00	PASS
		5825	12.38	≤30.00	PASS
11N20SISO	Ant1	5180	14.76	≤23.98	PASS
		5220	14.24	≤23.98	PASS
		5240	14.58	≤23.98	PASS
		5745	11.15	≤30.00	PASS
		5785	10.19	≤30.00	PASS
		5825	11.47	≤30.00	PASS
11N40SISO	Ant1	5190	14.39	≤23.98	PASS
		5230	14.44	≤23.98	PASS
		5755	11.09	≤30.00	PASS
		5795	10.96	≤30.00	PASS
11AC20SISO	Ant1	5180	13.72	≤23.98	PASS
		5220	13.40	≤23.98	PASS
		5240	13.54	≤23.98	PASS
		5745	10.16	≤30.00	PASS
		5785	9.31	≤30.00	PASS
		5825	10.32	≤30.00	PASS
11AC40SISO	Ant1	5190	12.82	≤23.98	PASS
		5230	13.06	≤23.98	PASS
		5755	10.22	≤30.00	PASS
		5795	8.98	≤30.00	PASS
11AC80SISO	Ant1	5210	11.94	≤23.98	PASS
		5775	8.24	≤30.00	PASS



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Test Result For IC

TestMode	Antenna	Channel	Level [dBm]	10Log(1/X) Factor [dB]	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	15.29	0.33	15.62	18.62	≤23.01	PASS
		5220	14.99	0.30	15.29	18.29	≤23.01	PASS
		5240	15.16	0.30	15.46	18.46	≤23.01	PASS
		5745	11.86	0.30	12.16	---	≤30.00	PASS
		5785	11.21	0.30	11.51	---	≤30.00	PASS
		5825	12.08	0.30	12.38	---	≤30.00	PASS
11N20SISO	Ant1	5180	14.44	0.32	14.76	17.76	≤23.01	PASS
		5220	13.89	0.35	14.24	17.24	≤23.01	PASS
		5240	14.23	0.35	14.58	17.58	≤23.01	PASS
		5745	10.83	0.32	11.15	---	≤30.00	PASS
		5785	9.87	0.32	10.19	---	≤30.00	PASS
		5825	11.15	0.32	11.47	---	≤30.00	PASS
11N40SISO	Ant1	5190	13.70	0.69	14.39	17.39	≤23.01	PASS
		5230	13.82	0.62	14.44	17.44	≤23.01	PASS
		5755	10.47	0.62	11.09	---	≤30.00	PASS
		5795	10.34	0.62	10.96	---	≤30.00	PASS
11AC20SISO	Ant1	5180	13.40	0.32	13.72	16.72	≤23.01	PASS
		5220	13.05	0.35	13.40	16.4	≤23.01	PASS
		5240	13.22	0.32	13.54	16.54	≤23.01	PASS
		5745	9.84	0.32	10.16	---	≤30.00	PASS
		5785	8.96	0.35	9.31	---	≤30.00	PASS
		5825	10.00	0.32	10.32	---	≤30.00	PASS
11AC40SISO	Ant1	5190	12.21	0.61	12.82	15.82	≤23.01	PASS
		5230	12.45	0.61	13.06	16.06	≤23.01	PASS
		5755	9.61	0.61	10.22	---	≤30.00	PASS
		5795	8.37	0.61	8.98	---	≤30.00	PASS
11AC80SISO	Ant1	5210	10.79	1.15	11.94	14.94	≤23.01	PASS
		5775	7.06	1.18	8.24	---	≤30.00	PASS

Note 1: EIRP=Power[dBm] + Antenna Gain

Note 2: The Duty Cycle Factor is compensated in the graph.



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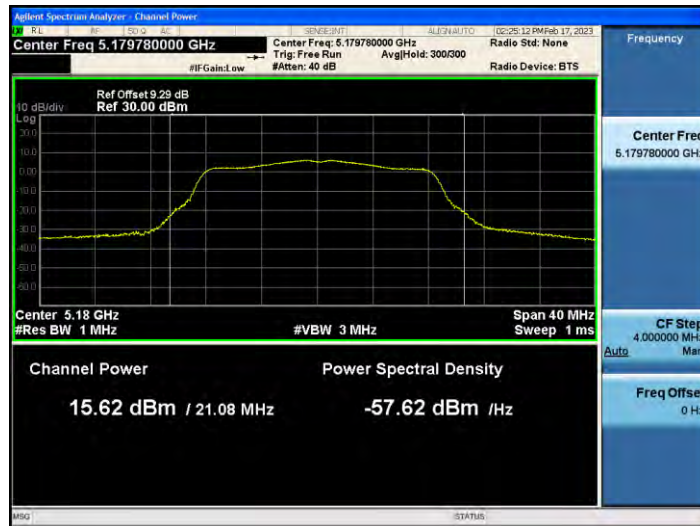
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Test Graphs

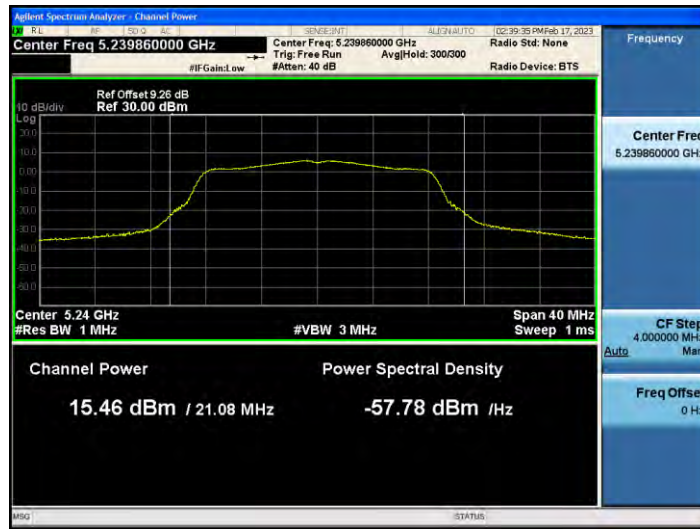
11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785

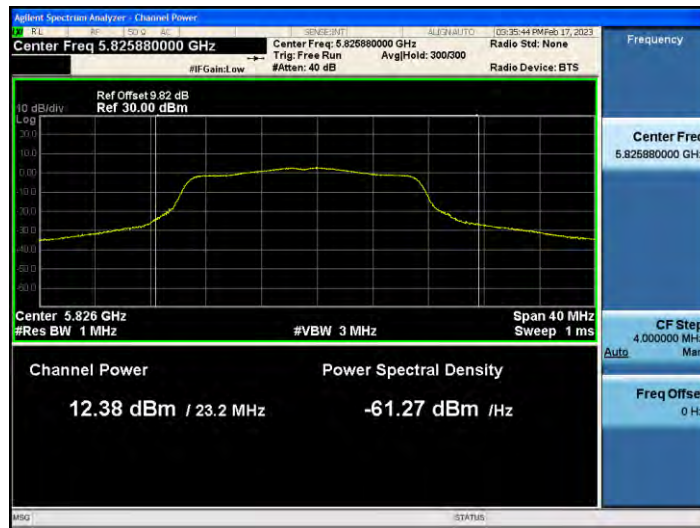


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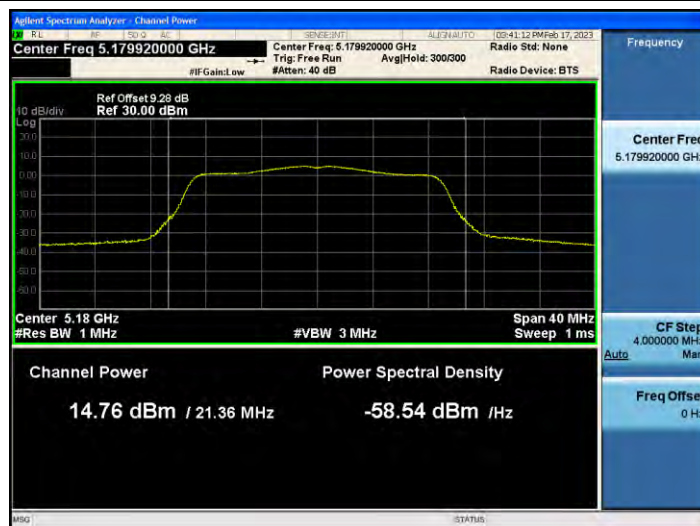
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11A_Ant1_5825



11N20SISO_Ant1_5180



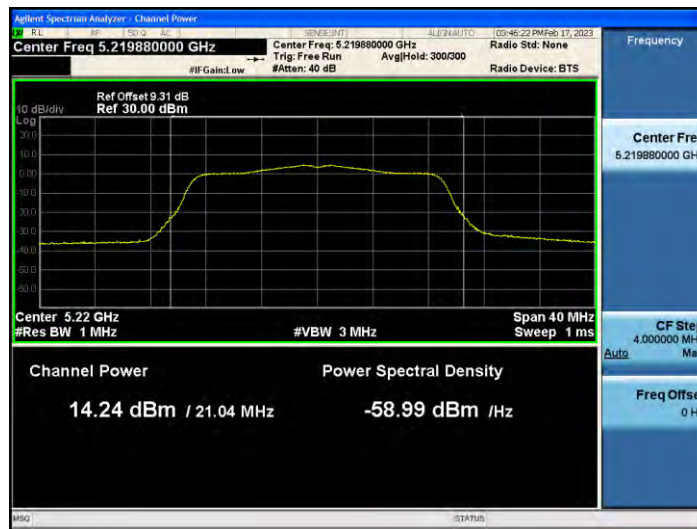
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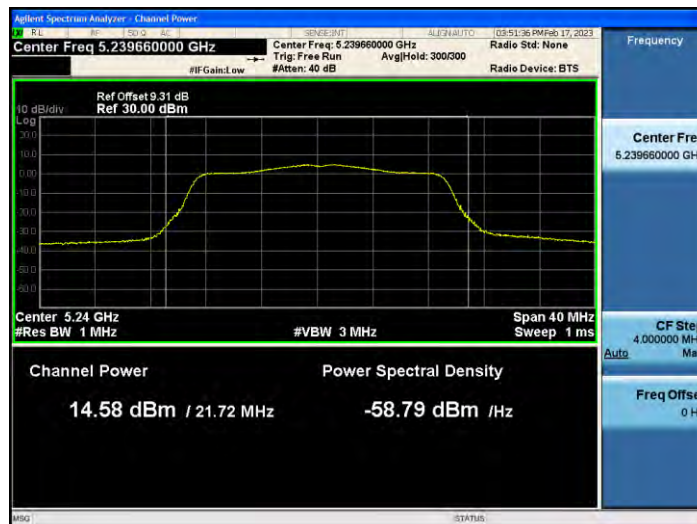
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11N20SISO_Ant1_5240



11N20SISO_Ant1_5745

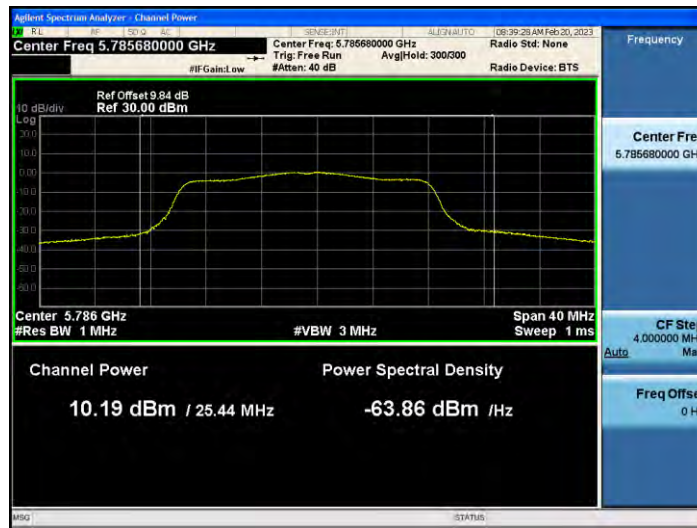


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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

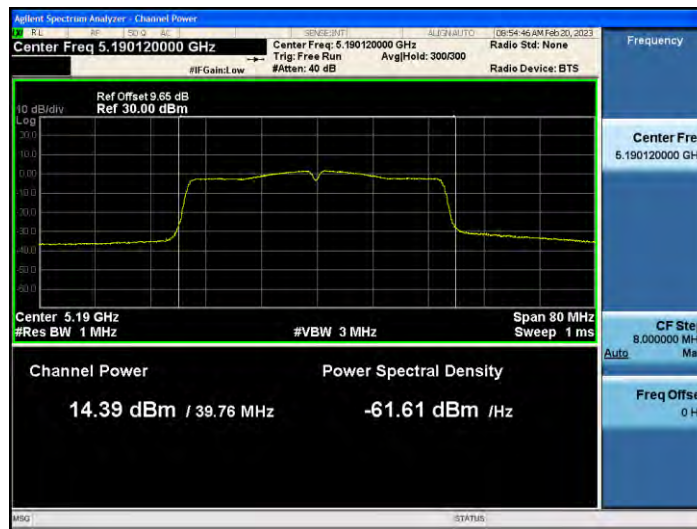


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11N40SISO_Ant1_5230



11N40SISO_Ant1_5755

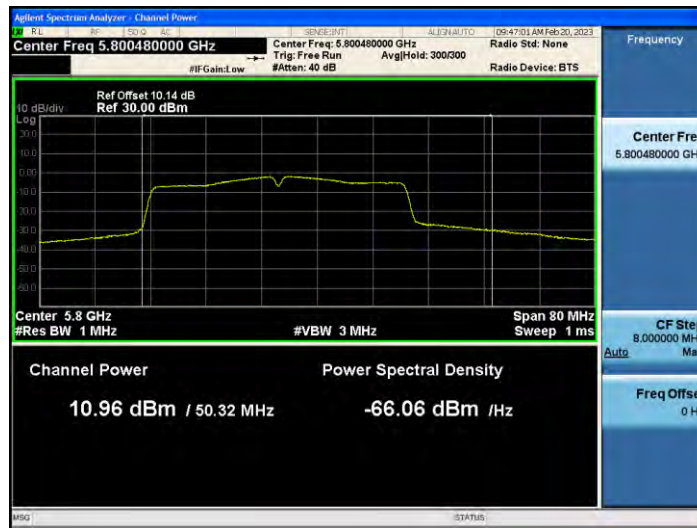


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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220

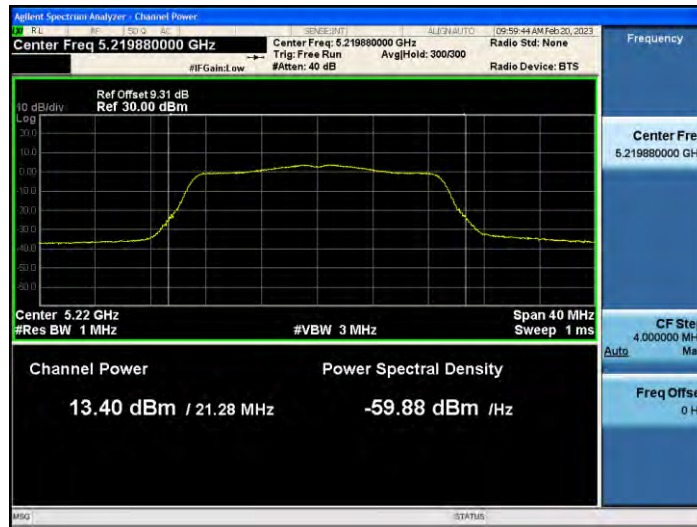


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11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



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