Appendix A: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Test Result [dBm/MHz]	RBW factor [dBm/MHz]	Compute [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-0.86	0	-0.86	<=11	PASS
		5200	-2.9	0	-2.9	<=11	PASS
		5240	-0.68	0	-0.68	<=11	PASS
		5260	-0.88	0	-0.88	<=11	PASS
		5280	-0.06	0	-0.06	<=11	PASS
		5320	-2.06	0	-2.06	<=11	PASS
		5500	-1.31	0	-1.31	<=11	PASS
		5600	0.72	0	0.72	<=11	PASS
		5700	-2.56	0	-2.56	<=11	PASS
		5745	-1.80	2.22	0.42	<=30	PASS
		5785	-1.15	2.22	1.07	<=30	PASS
		5825	-2.61	2.22	-0.39	<=30	PASS
11N20SISO	Ant1	5180	-2.09	0	-2.09	<=11	PASS
		5200	-1.20	0	-1.20	<=11	PASS
		5240	-1.00	0	-1.00	<=11	PASS
		5260	0.25	0	0.25	<=11	PASS
		5280	-0.13	0	-0.13	<=11	PASS
		5320	-2.12	0	-2.12	<=11	PASS
		5500	-0.67	0	-0.67	<=11	PASS
		5600	0.87	0	0.87	<=11	PASS
		5700	-2.38	0	-2.38	<=11	PASS
		5745	-2.39	2.22	-0.17	<=30	PASS
		5785	-3.05	2.22	-0.83	<=30	PASS
		5825	-2.40	2.22	-0.18	<=30	PASS
11N40SISO	Ant1	5190	-5.39	0	-5.39	<=11	PASS
		5230	-4.31	0	-4.31	<=11	PASS
		5270	-3.08	0	-3.08	<=11	PASS
		5310	-4.24	0	-4.24	<=11	PASS
		5510	-4.24	0	-4.24	<=11	PASS
		5550	-3.38	0	-3.38	<=11	PASS
		5670	-5.12	0	-5.12	<=11	PASS
		5755	-5.01	2.22	-2.79	<=30	PASS
		5795	-5.54	2.22	-3.32	<=30	PASS
11AC20SISO	Ant1	5180	-2.32	0	-2.32	<=11	PASS
		5200	-2.38	0	-2.38	<=11	PASS
		5240	-0.68	0	-0.68	<=11	PASS
		5260	0.10	0	0.10	<=11	PASS

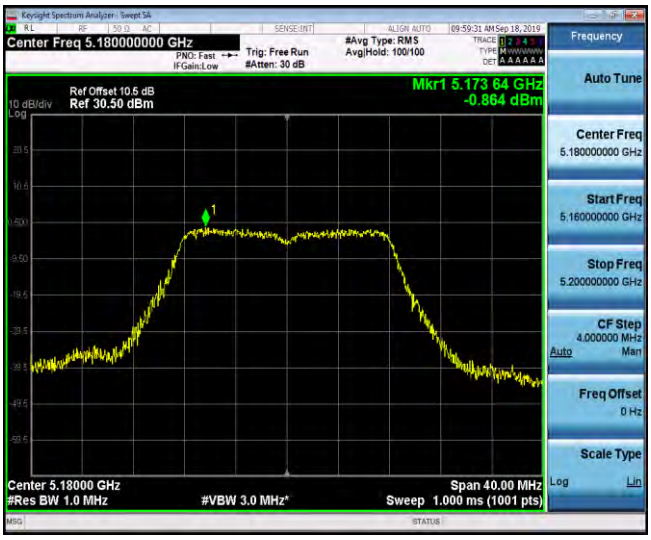
		5280	-0.16	0	-0.16	<=11	PASS
		5320	-1.89	0	-1.89	<=11	PASS
		5500	-0.76	0	-0.76	<=11	PASS
		5600	0.62	0	0.62	<=11	PASS
		5700	-2.41	0	-2.41	<=11	PASS
		5745	-2.33	2.22	-0.11	<=30	PASS
		5785	-1.55	2.22	0.67	<=30	PASS
		5825	-2.86	2.22	-0.64	<=30	PASS
11AC40SISO	Ant1	5190	-5.64	0	-5.64	<=11	PASS
		5230	-4.55	0	-4.55	<=11	PASS
		5270	-3.38	0	-3.38	<=11	PASS
		5310	-4.12	0	-4.12	<=11	PASS
		5510	-4.31	0	-4.31	<=11	PASS
		5550	-3.15	0	-3.15	<=11	PASS
		5670	-4.71	0	-4.71	<=11	PASS
		5755	-4.41	2.22	-2.19	<=30	PASS
		5795	-5.18	2.22	-2.96	<=30	PASS
11AC80SISO	Ant1	5210	-6.83	0	-6.83	<=11	PASS
		5290	-5.68	0	-5.68	<=11	PASS
		5530	-6.93	0	-6.93	<=11	PASS
		5775	-8.74	2.22	-6.52	<=30	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

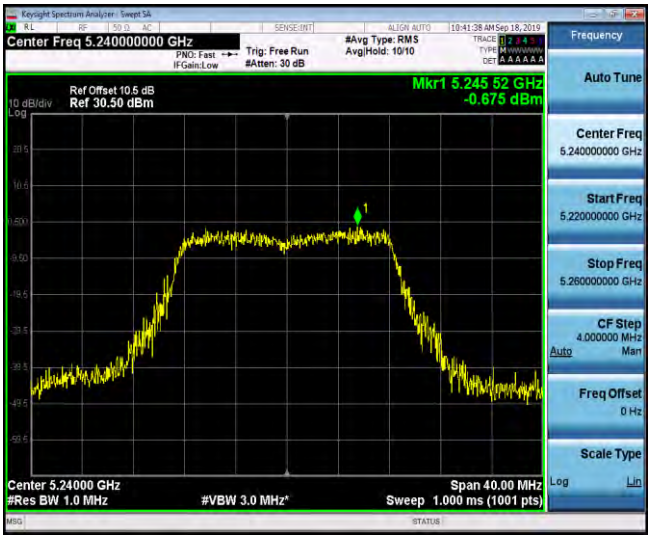
Test Graphs

11A_Ant1_5180

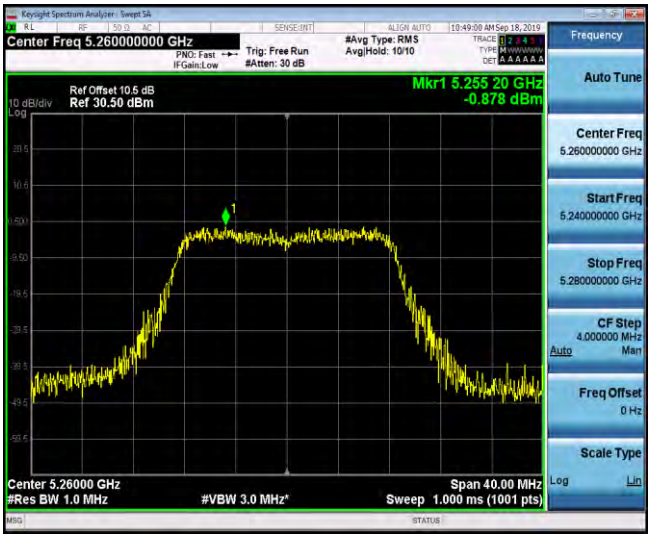


11A_Ant1_5200

11A_Ant1_5240

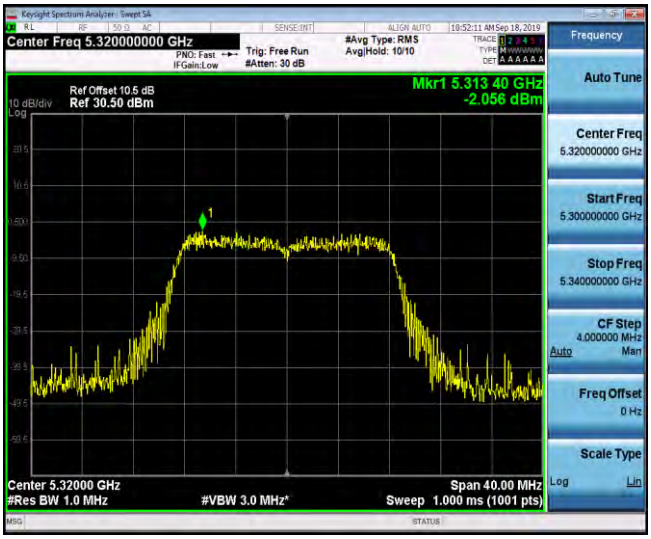


11A_Ant1_5260

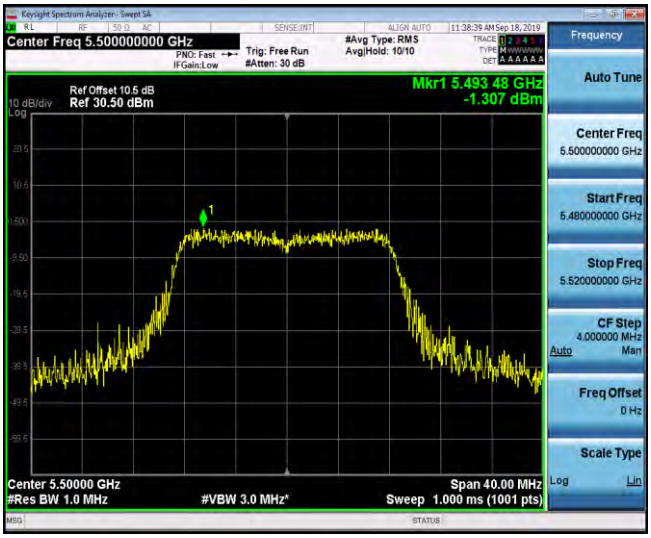


11A_Ant1_5280

11A_Ant1_5320

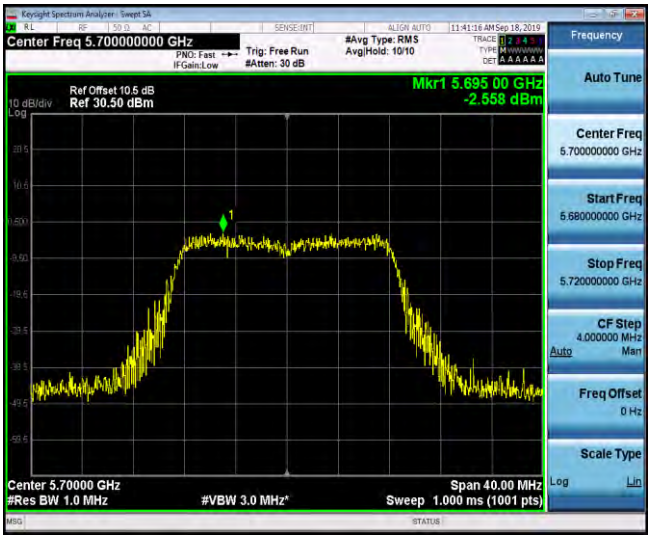


11A_Ant1_5500



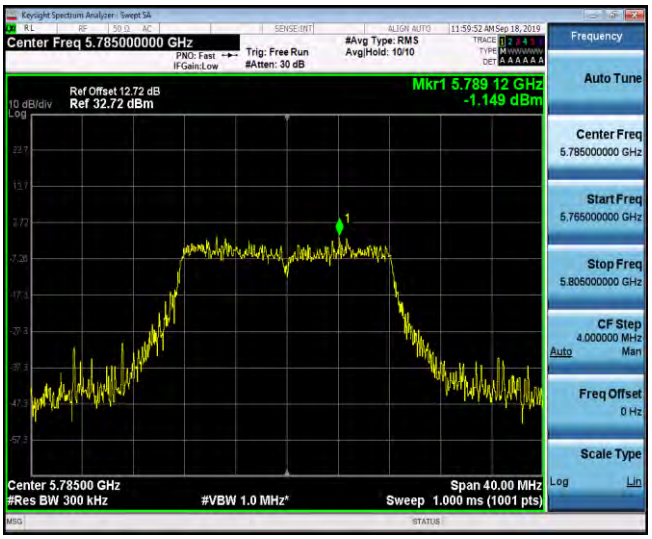
11A_Ant1_5600

11A_Ant1_5700



11A_Ant1_5745

11A_Ant1_5785

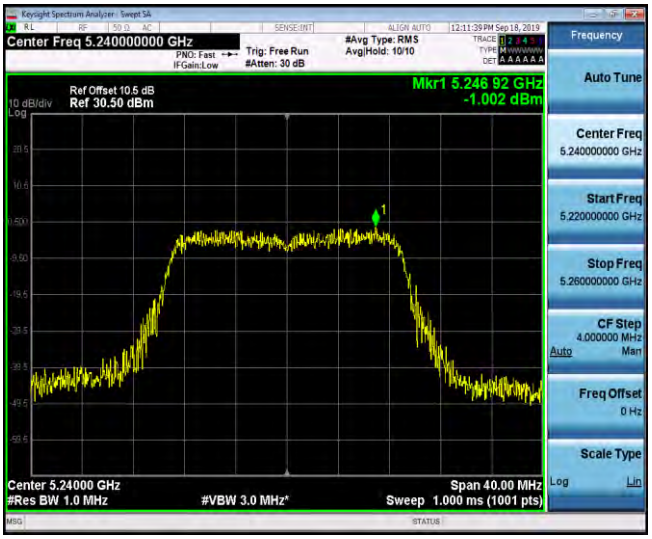


11A_Ant1_5825

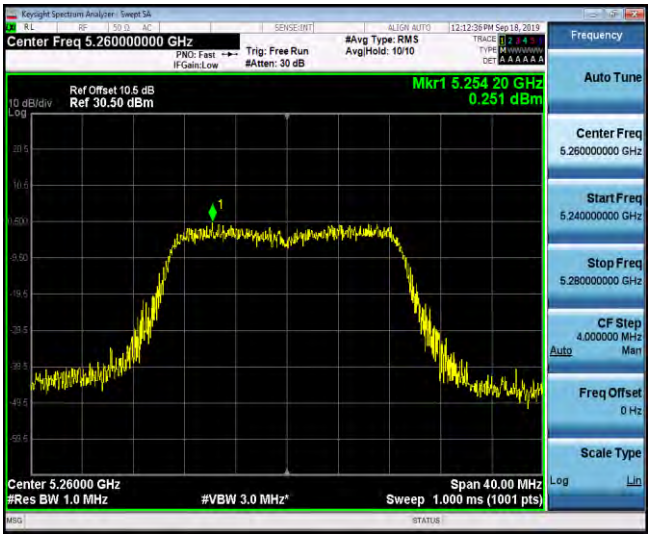
11N20SISO_Ant1_5180

11N20SISO_Ant1_5200

11N20SISO_Ant1_5240

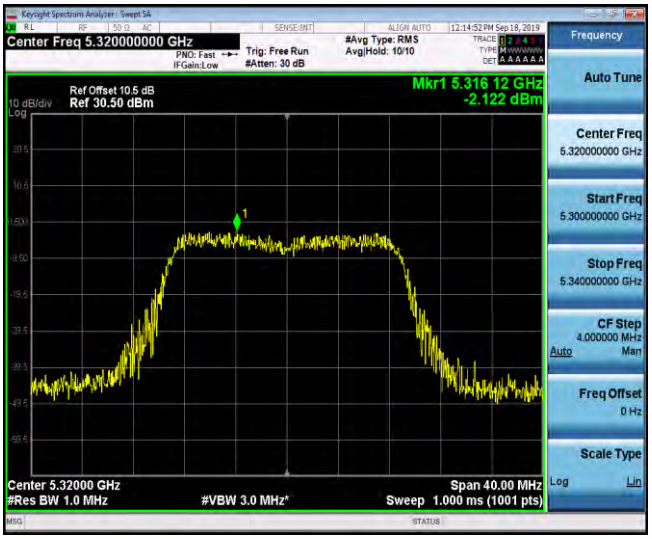


11N20SISO_Ant1_5260

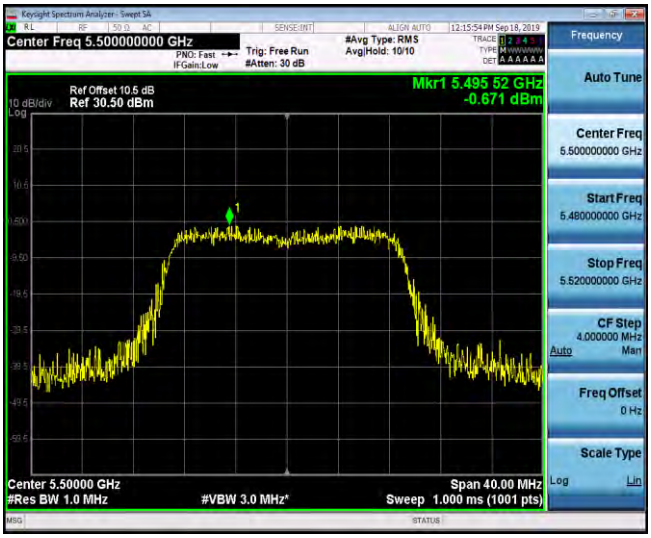


11N20SISO_Ant1_5280

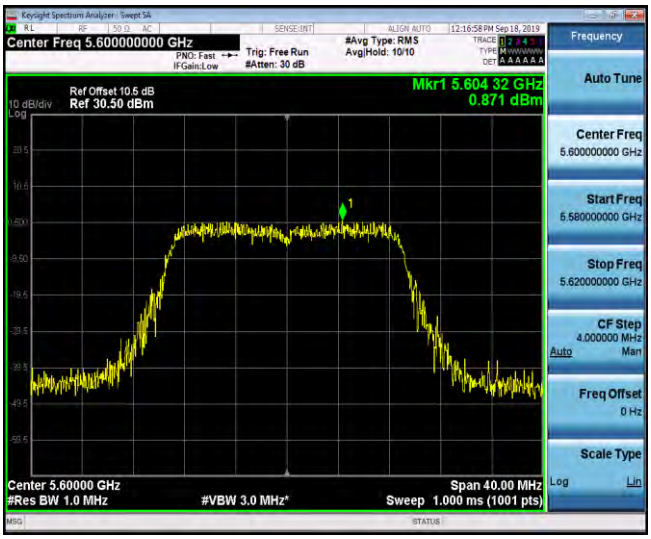
11N20SISO_Ant1_5320



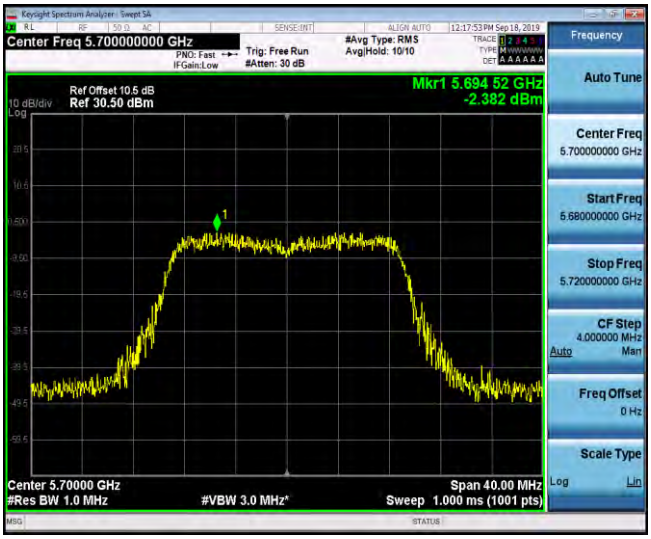
11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



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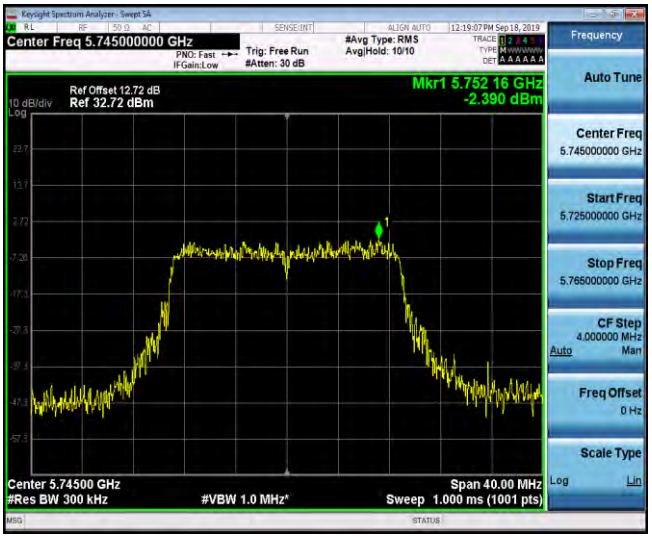
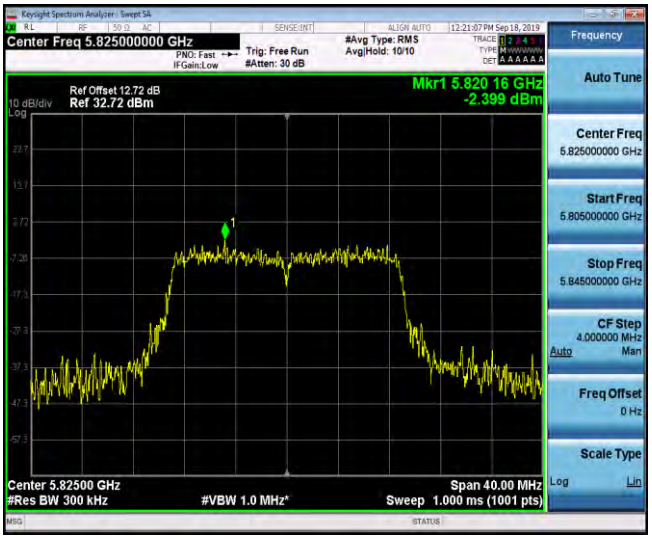


11N20SISO_Ant1_5785

11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

11N40SISO_Ant1_5230

11N40SISO_Ant1_5270

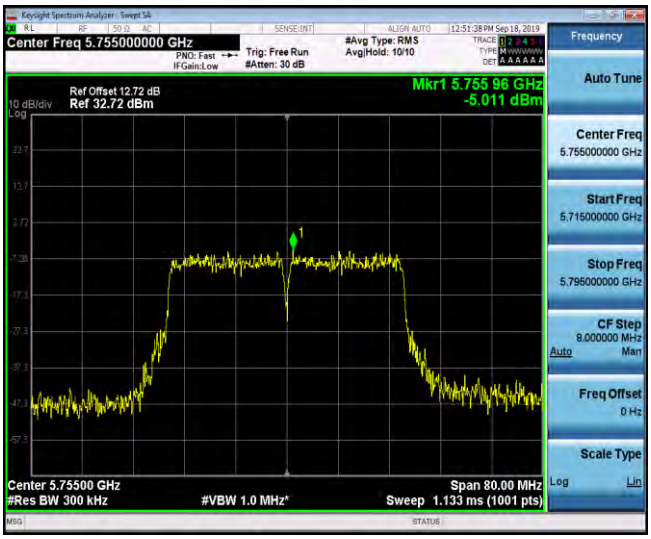
11N40SISO_Ant1_5310

11N40SISO_Ant1_5510

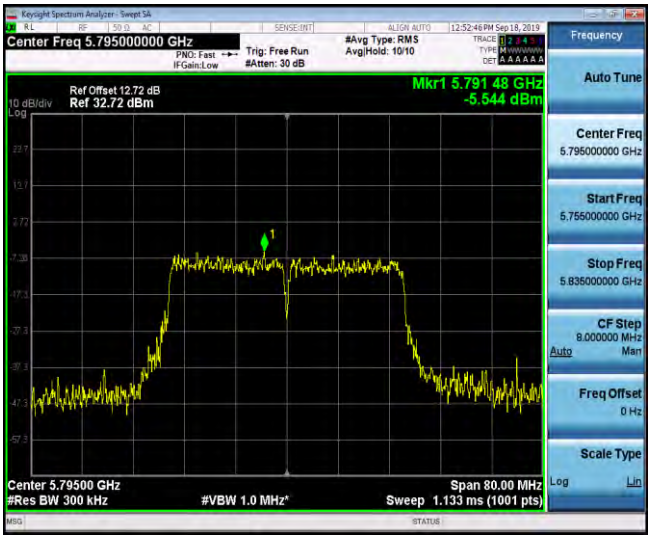
11N40SISO_Ant1_5550

11N40SISO_Ant1_5670

11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

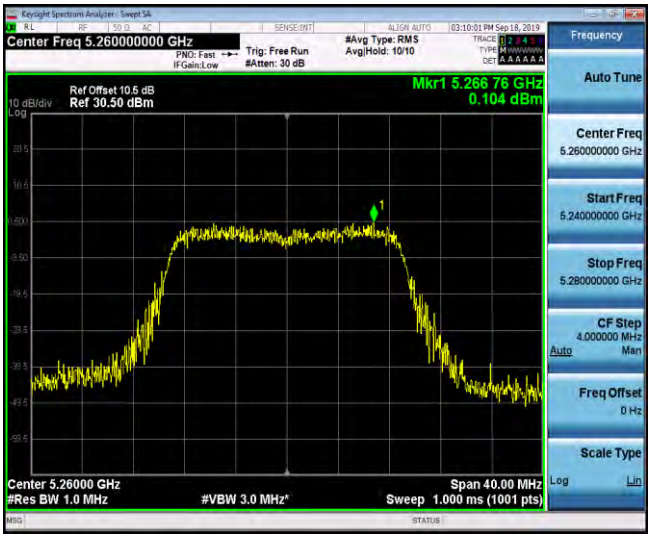


11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant1_5260

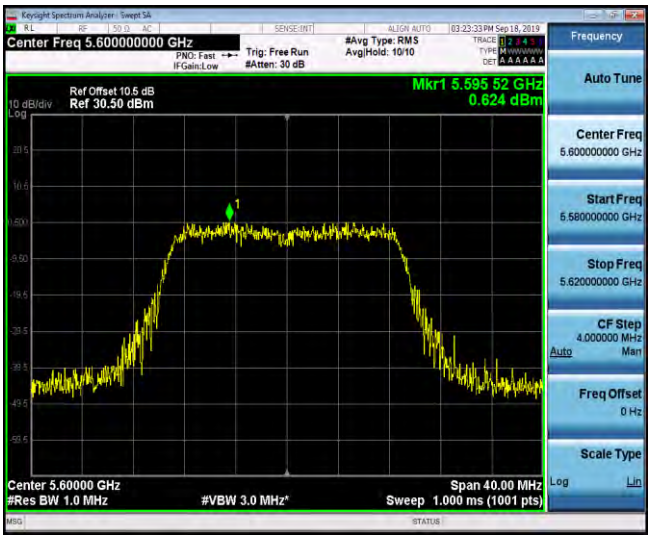


11AC20SISO_Ant1_5280

11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

11AC20SISO_Ant1_5600

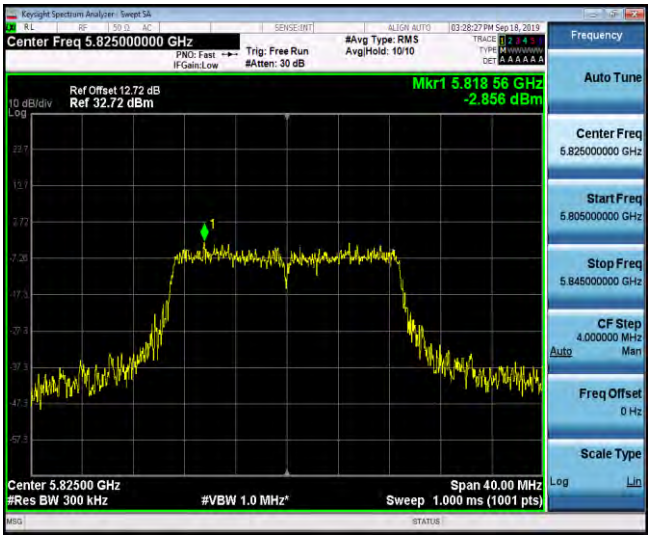


11AC20SISO_Ant1_5700

11AC20SISO_Ant1_5745

11AC20SISO_Ant1_5785

11AC20SISO_Ant1_5825

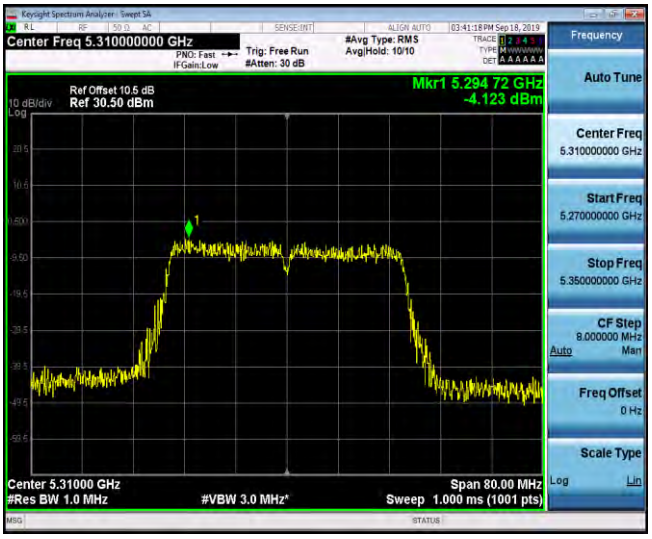


11AC40SISO_Ant1_5190

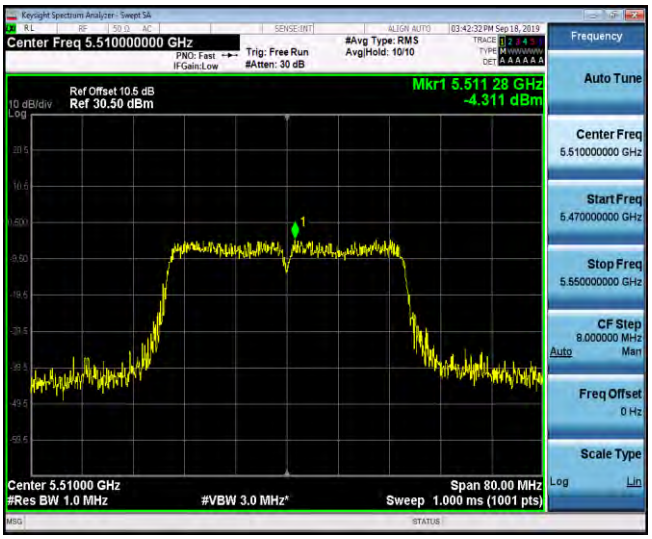
11AC40SISO_Ant1_5230

11AC40SISO_Ant1_5270

11AC40SISO_Ant1_5310

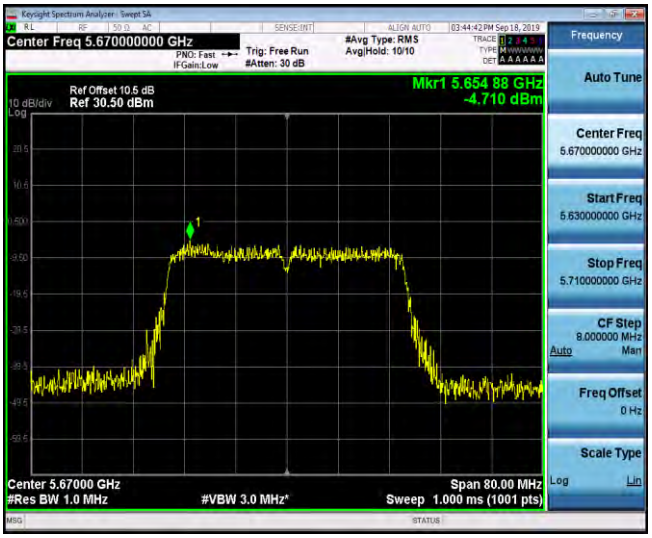


11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550

11AC40SISO_Ant1_5670



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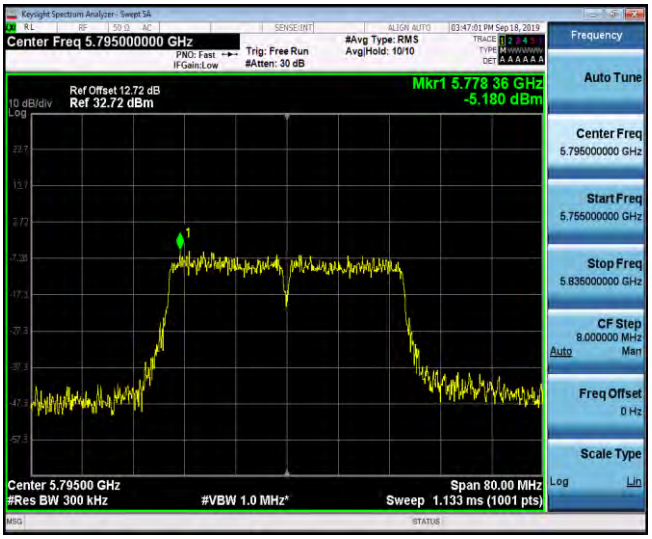
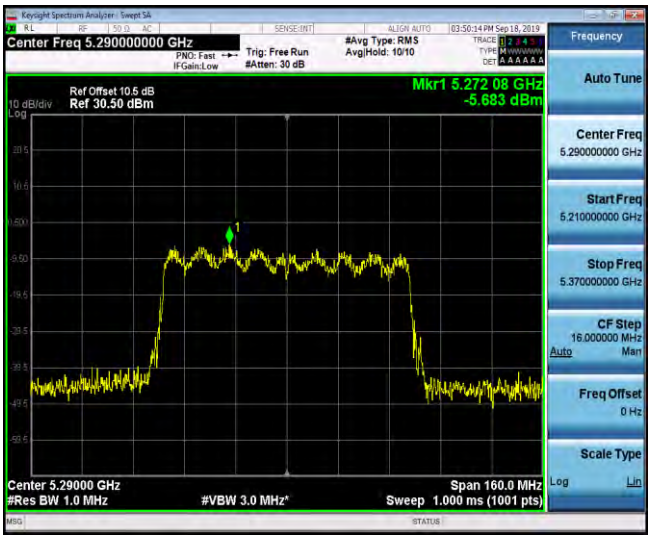
11AC40SISO_Ant1_5795

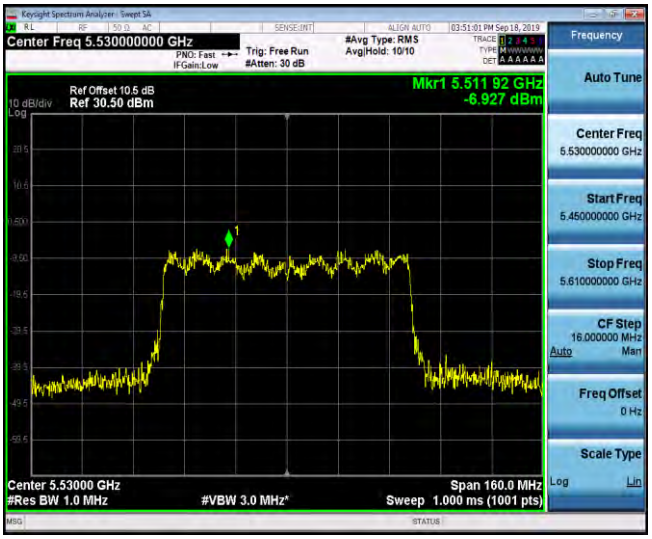


11AC80SISO_Ant1_5210

11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5775

Appendix B: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.360	5169.920	5190.280	---	PASS
		5200	20.480	5189.680	5210.160	---	PASS
		5240	20.360	5229.680	5250.040	---	PASS
		5260	20.520	5249.600	5270.120	---	PASS
		5280	20.400	5269.600	5290.000	---	PASS
		5320	20.280	5309.640	5329.920	---	PASS
		5500	20.320	5489.880	5510.200	---	PASS
		5580	20.400	5569.720	5590.120	---	PASS
		5600	20.280	5589.680	5609.960	---	PASS
		5700	20.160	5689.800	5709.960	---	PASS
11N20SISO	Ant1	5180	21.280	5169.360	5190.640	---	PASS
		5200	21.080	5189.280	5210.360	---	PASS
		5240	20.880	5229.600	5250.480	---	PASS
		5260	21.000	5249.280	5270.280	---	PASS
		5280	21.040	5269.360	5290.400	---	PASS
		5320	21.160	5309.120	5330.280	---	PASS
		5500	21.000	5489.440	5510.440	---	PASS
		5600	20.880	5589.480	5610.360	---	PASS
		5700	21.200	5689.160	5710.360	---	PASS
11N40SISO	Ant1	5190	41.120	5169.440	5210.560	---	PASS
		5230	41.360	5209.440	5250.800	---	PASS
		5270	41.200	5249.120	5290.320	---	PASS
		5310	41.520	5288.960	5330.480	---	PASS
		5510	41.120	5489.680	5530.800	---	PASS
		5550	41.680	5529.280	5570.960	---	PASS
		5670	41.600	5649.040	5690.640	---	PASS
11AC20SISO	Ant1	5180	21.080	5169.480	5190.560	---	PASS
		5200	21.200	5189.360	5210.560	---	PASS
		5240	21.360	5229.160	5250.520	---	PASS
		5260	21.320	5249.200	5270.520	---	PASS
		5280	21.160	5269.200	5290.360	---	PASS
		5320	21.000	5309.320	5330.320	---	PASS
		5500	21.240	5489.400	5510.640	---	PASS
		5600	21.040	5589.360	5610.400	---	PASS
		5700	21.160	5689.320	5710.480	---	PASS
11AC40SISO	Ant1	5190	41.360	5169.280	5210.640	---	PASS
		5230	41.120	5209.600	5250.720	---	PASS

		5270	41.040	5249.360	5290.400	---	PASS
		5310	41.440	5289.200	5330.640	---	PASS
		5510	41.120	5489.600	5530.720	---	PASS
		5550	41.120	5529.680	5570.800	---	PASS
		5670	41.600	5648.800	5690.400	---	PASS
11AC80SISO	Ant1	5210	81.600	5169.680	5251.280	---	PASS
		5290	82.560	5248.240	5330.800	---	PASS
		5530	81.760	5489.680	5571.440	---	PASS

Test Graphs

11A_Ant1_5180

11A_Ant1_5200

11A_Ant1_5240

11A_Ant1_5260

11A_Ant1_5280

11A_Ant1_5320

11A_Ant1_5500

11A_Ant1_5580

11A_Ant1_5600

11A_Ant1_5700

11N20SISO_Ant1_5180

11N20SISO_Ant1_5200

11N20SISO_Ant1_5240

11N20SISO_Ant1_5260

11N20SISO_Ant1_5280

11N20SISO_Ant1_5320

11N20SISO_Ant1_5500

11N20SISO_Ant1_5600

11N20SISO_Ant1_5700

11N40SISO_Ant1_5190

11N40SISO_Ant1_5230

11N40SISO_Ant1_5270

11N40SISO_Ant1_5310

11N40SISO_Ant1_5510

11N40SISO_Ant1_5550

11N40SISO_Ant1_5670

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant1_5260

11AC20SISO_Ant1_5280

11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

11AC20SISO_Ant1_5600

11AC20SISO_Ant1_5700

11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230

11AC40SISO_Ant1_5270

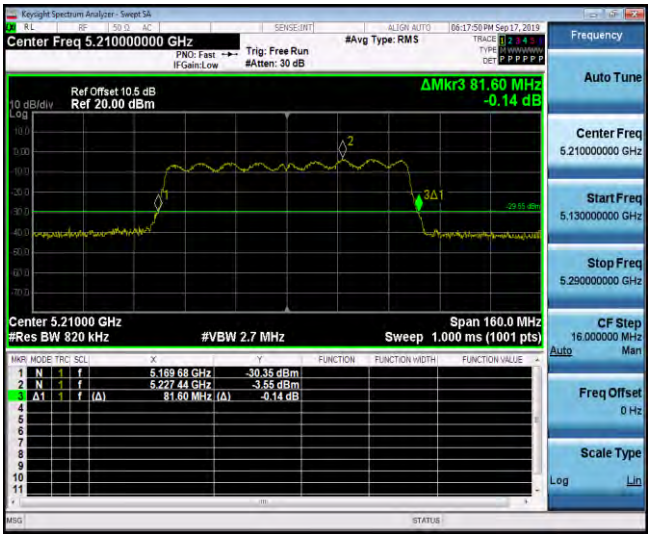
11AC40SISO_Ant1_5310

11AC40SISO_Ant1_5510

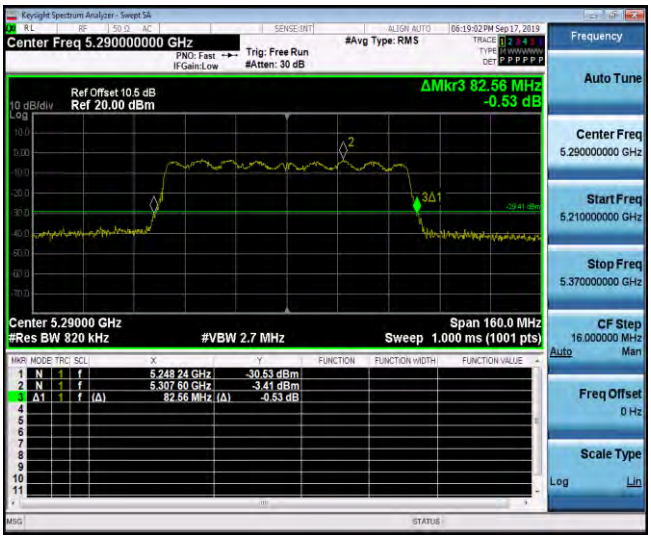
11AC40SISO_Ant1_5550

11AC40SISO_Ant1_5670

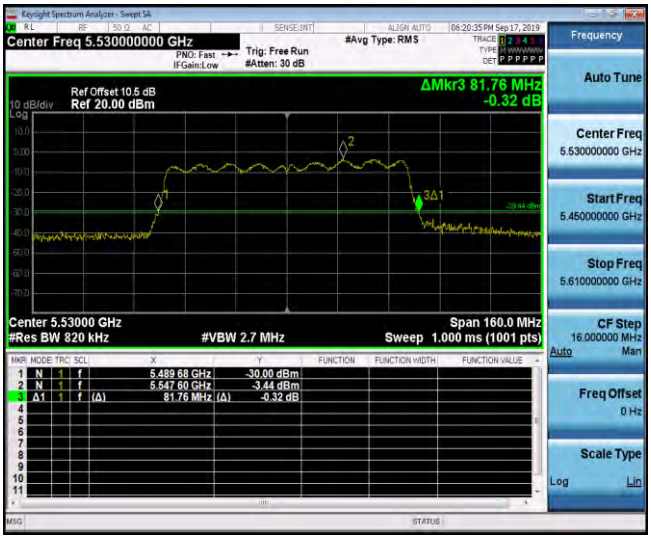
11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



Appendix C: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.999	5171.471	5188.470	---	PASS
		5200	16.996	5191.424	5208.420	---	PASS
		5240	16.955	5231.446	5248.401	---	PASS
		5260	16.947	5251.438	5268.385	---	PASS
		5280	16.990	5271.403	5288.393	---	PASS
		5320	16.951	5311.420	5328.371	---	PASS
		5500	16.905	5491.537	5508.442	---	PASS
		5580	16.948	5571.454	5588.402	---	PASS
		5600	17.040	5591.361	5608.401	---	PASS
		5700	17.028	5691.376	5708.404	---	PASS
		5745	17.024	5736.393	5753.417	---	PASS
		5785	17.027	5776.404	5793.431	---	PASS
		5825	17.034	5816.418	5833.452	---	PASS
11N20SISO	Ant1	5180	17.931	5171.052	5188.983	---	PASS
		5200	17.930	5191.045	5208.975	---	PASS
		5240	17.968	5230.984	5248.952	---	PASS
		5260	17.947	5250.995	5268.942	---	PASS
		5280	17.901	5271.035	5288.936	---	PASS
		5320	17.936	5310.972	5328.908	---	PASS
		5500	17.967	5491.043	5509.010	---	PASS
		5600	17.956	5590.990	5608.946	---	PASS
		5700	17.919	5691.011	5708.930	---	PASS
		5745	17.978	5735.975	5753.953	---	PASS
		5785	17.954	5775.994	5793.948	---	PASS
		5825	17.983	5815.981	5833.964	---	PASS
11N40SISO	Ant1	5190	36.455	5171.889	5208.344	---	PASS
		5230	36.490	5211.867	5248.357	---	PASS
		5270	36.418	5251.770	5288.188	---	PASS
		5310	36.467	5291.706	5328.173	---	PASS
		5510	36.394	5491.972	5528.366	---	PASS
		5550	36.428	5531.858	5568.286	---	PASS
		5670	36.599	5651.605	5688.204	---	PASS
		5755	36.486	5736.770	5773.256	---	PASS
		5795	36.656	5776.731	5813.387	---	PASS
11AC20SISO	Ant1	5180	17.974	5171.040	5189.014	---	PASS
		5200	17.946	5191.044	5208.990	---	PASS
		5240	17.966	5231.009	5248.975	---	PASS
		5260	17.965	5250.989	5268.954	---	PASS

		5280	17.979	5270.962	5288.941	---	PASS
		5320	17.917	5310.980	5328.897	---	PASS
		5500	17.953	5491.030	5508.983	---	PASS
		5600	17.966	5590.997	5608.963	---	PASS
		5700	17.983	5690.986	5708.969	---	PASS
		5745	17.965	5736.000	5753.965	---	PASS
		5785	17.990	5775.978	5793.968	---	PASS
		5825	18.028	5815.956	5833.984	---	PASS
11AC40SISO	Ant1	5190	36.389	5171.882	5208.271	---	PASS
		5230	36.399	5211.856	5248.255	---	PASS
		5270	36.368	5251.835	5288.203	---	PASS
		5310	36.445	5291.708	5328.153	---	PASS
		5510	36.494	5491.872	5528.366	---	PASS
		5550	36.393	5531.883	5568.276	---	PASS
		5670	36.431	5651.718	5688.149	---	PASS
		5755	36.402	5736.777	5773.179	---	PASS
		5795	36.510	5776.767	5813.277	---	PASS
11AC80SISO	Ant1	5210	75.830	5172.306	5248.136	---	PASS
		5290	75.822	5252.016	5327.838	---	PASS
		5530	75.766	5492.460	5568.226	---	PASS
		5775	75.944	5737.125	5813.069	---	PASS

Test Graphs

11A_Ant1_5180

11A_Ant1_5200

11A_Ant1_5240

11A_Ant1_5260

11A_Ant1_5280

11A_Ant1_5320

11A_Ant1_5500

11A_Ant1_5580

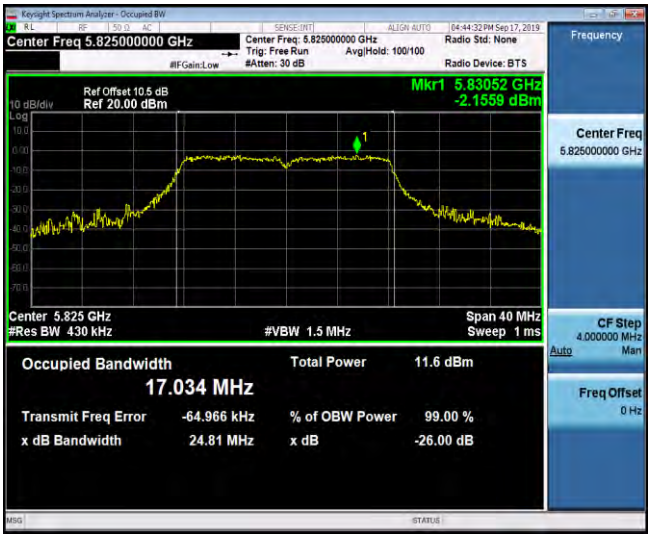
11A_Ant1_5600

11A_Ant1_5700

11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825



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11N20SISO_Ant1_5200

11N20SISO_Ant1_5240

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11N20SISO_Ant1_5320

11N20SISO_Ant1_5500

11N20SISO_Ant1_5600

11N20SISO_Ant1_5700

11N20SISO_Ant1_5745

11N20SISO_Ant1_5785

11N20SISO_Ant1_5825

11N40SISO_Ant1_5190

11N40SISO_Ant1_5230

11N40SISO_Ant1_5270

11N40SISO_Ant1_5310

11N40SISO_Ant1_5510

11N40SISO_Ant1_5550

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11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant1_5260

11AC20SISO_Ant1_5280

11AC20SISO_Ant1_5320

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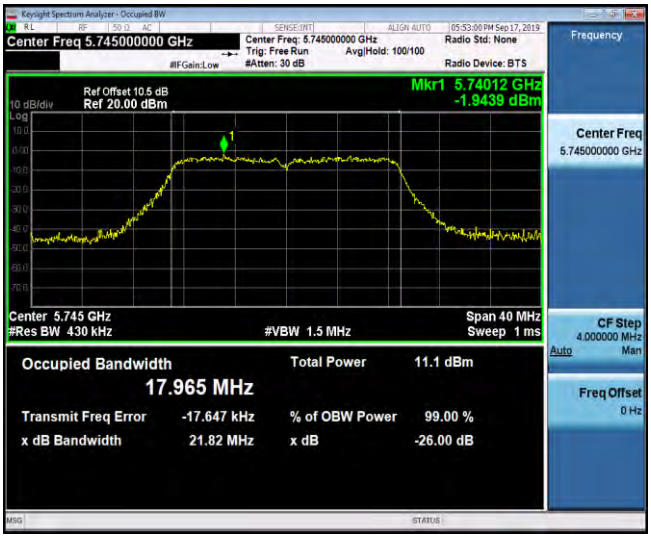

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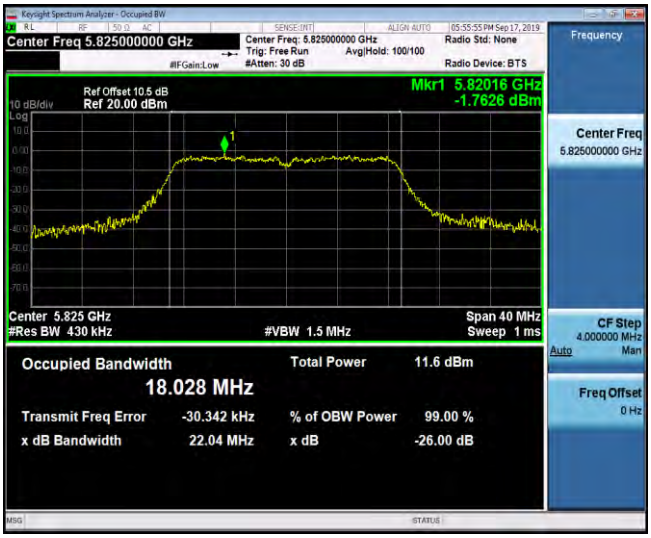

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11AC40SISO_Ant1_5270

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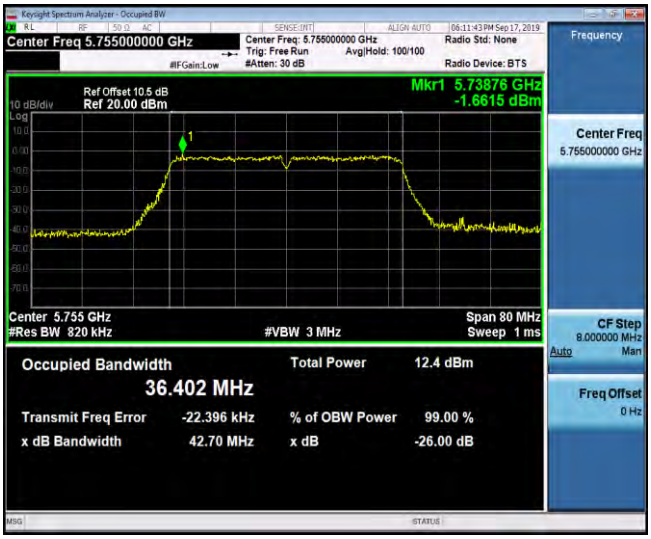
11AC40SISO_Ant1_5550

11AC40SISO_Ant1_5670

11AC40SISO_Ant1_5755



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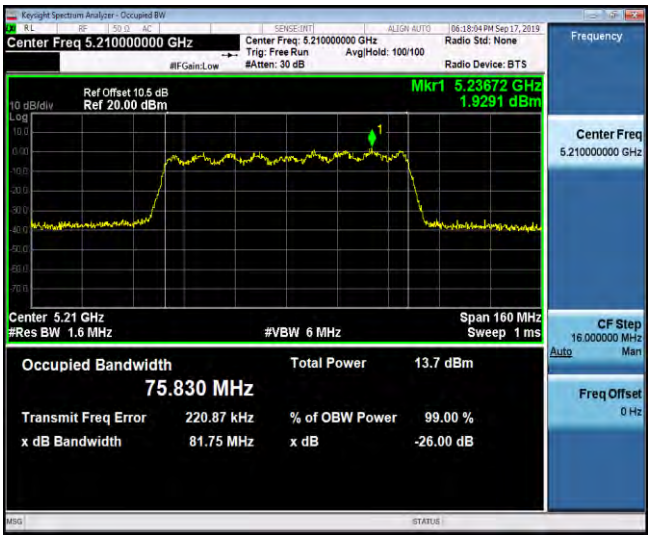

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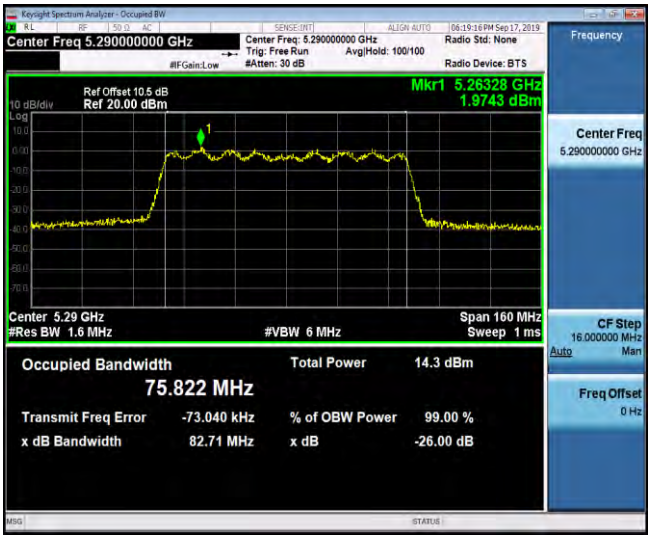

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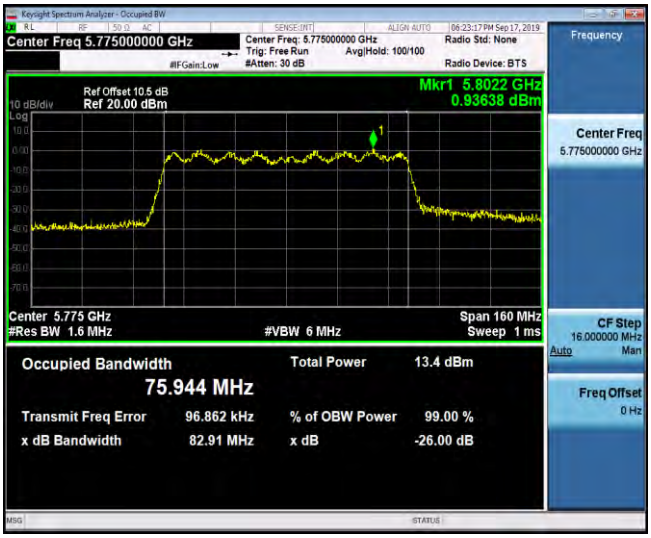
11AC80SISO_Ant1_5775