Appendix A: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.63	<=11	PASS
		5200	1.18	<=11	PASS
		5240	1.68	<=11	PASS
		5260	1.25	<=11	PASS
		5280	0.81	<=11	PASS
		5320	0.20	<=11	PASS
		5500	0.30	<=11	PASS
		5600	1.60	<=11	PASS
		5700	-0.86	<=11	PASS
11N20SISO	Ant1	5180	0.31	<=11	PASS
		5200	0.45	<=11	PASS
		5240	1.08	<=11	PASS
		5260	1.03	<=11	PASS
		5280	0.38	<=11	PASS
		5320	0.46	<=11	PASS
		5500	-0.07	<=11	PASS
		5600	6.56	<=11	PASS
		5700	-1.59	<=11	PASS
11N40SISO	Ant1	5190	0.48	<=11	PASS
		5230	0.59	<=11	PASS
		5270	1.23	<=11	PASS
		5310	-0.04	<=11	PASS
		5670	-0.46	<=11	PASS
11AC20SISO	Ant1	5180	1.00	<=11	PASS
		5200	1.06	<=11	PASS
		5240	1.88	<=11	PASS
		5260	0.61	<=11	PASS
		5280	1.25	<=11	PASS
		5320	0.15	<=11	PASS
		5500	0.33	<=11	PASS
		5600	3.19	<=11	PASS
		5700	-1.00	<=11	PASS
11AC40SISO	Ant1	5190	0.86	<=11	PASS
		5230	1.23	<=11	PASS
		5270	0.73	<=11	PASS
		5310	0.40	<=11	PASS
		5510	-0.07	<=11	PASS
		5550	1.60	<=11	PASS

		5670	0.25	<=11	PASS
11AC80SISO	Ant1	5210	-5.58	<=11	PASS
		5290	-5.45	<=11	PASS
		5530	-6.00	<=11	PASS

Channel	Frequency (MHz)	Report PSD (dBm/300KHz)	Duty factor (dB)	RBW factor (dB)	Report PSD+ Duty factor+ RBW factor (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
11A	5745	-4.49	0	2.20	-2.29	30	PASS
	5785	-3.99	0	2.20	-1.79	30	PASS
	5825	-4.42	0	2.20	-2.22	30	PASS
11N20SISO	5745	-5.05	0	2.20	-2.85	30	PASS
	5785	-4.64	0	2.20	-2.44	30	PASS
	5825	-4.77	0	2.20	-2.57	30	PASS
11N40SISO	5755	-4.94	0	2.20	-2.74	30	PASS
	5795	-5.46	0	2.20	-3.26	30	PASS
11AC20SISO	5745	-4.32	0	2.20	-2.12	30	PASS
	5785	-5.51	0	2.20	-3.31	30	PASS
	5825	-3.79	0	2.20	-1.59	30	PASS
11AC40SISO	5755	-5.11	0	2.20	-2.91	30	PASS
	5795	-5.23	0	2.20	-3.03	30	PASS
11AC80SISO	5775	-11.69	0	2.20	-9.49	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.

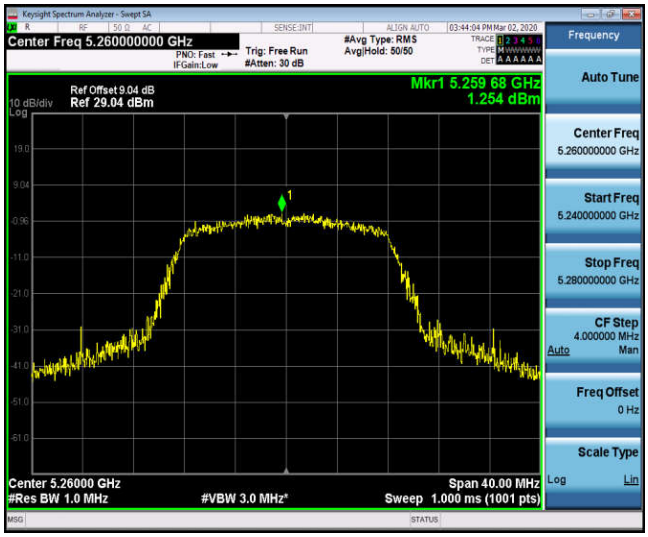
Test Graphs

11A_Ant1_5180

11A_Ant1_5200

11A_Ant1_5240

11A_Ant1_5260

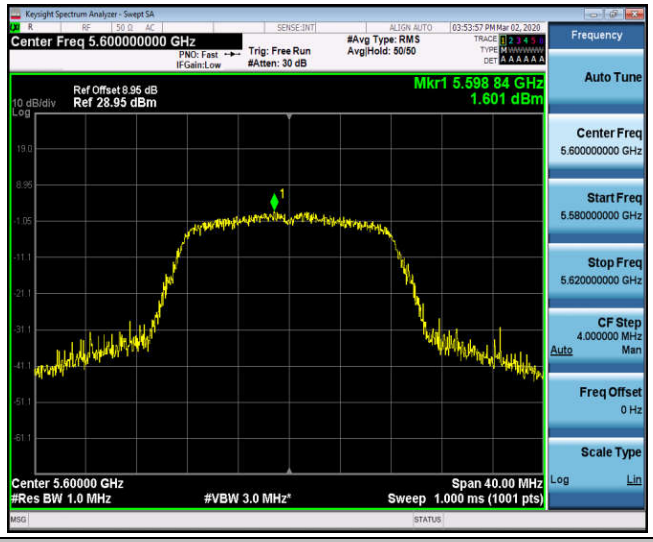


11A_Ant1_5280

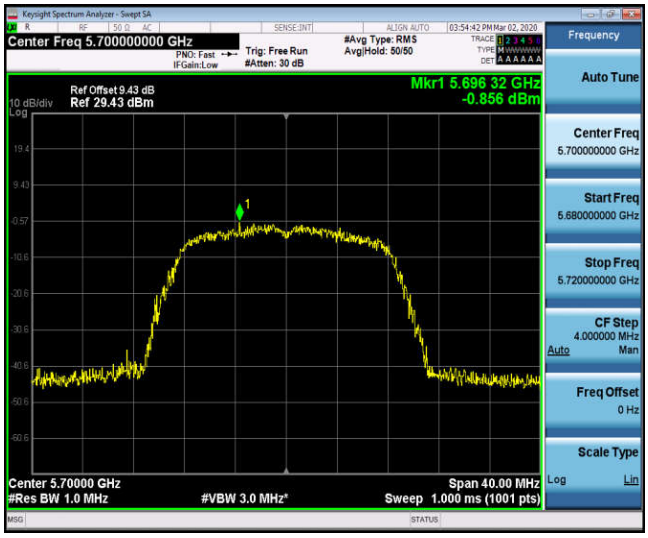
11A_Ant1_5320

11A_Ant1_5500

11A_Ant1_5600



11A_Ant1_5700



11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20SISO_Ant1_5180

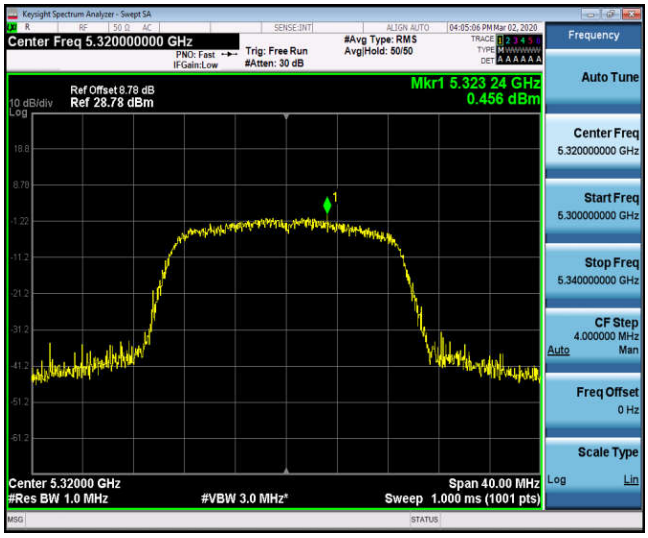
11N20SISO_Ant1_5200

11N20SISO_Ant1_5240

11N20SISO_Ant1_5260

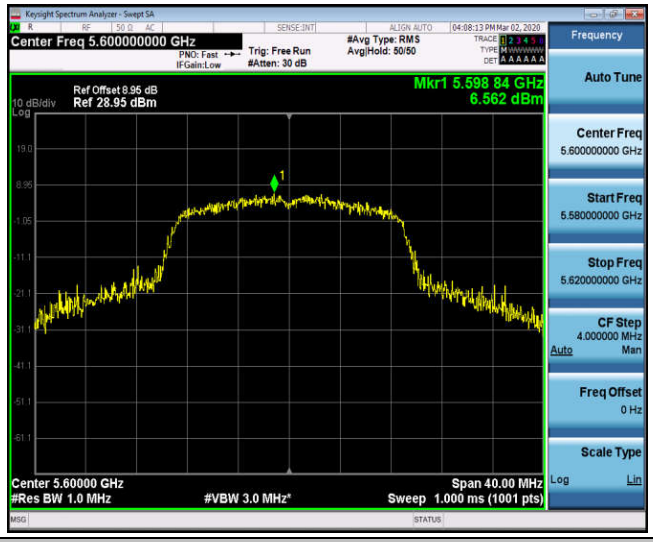
11N20SISO_Ant1_5280

11N20SISO_Ant1_5320



11N20SISO_Ant1_5500

11N20SISO_Ant1_5600



11N20SISO_Ant1_5700

11N20SISO_Ant1_5745

11N20SISO_Ant1_5785

11N20SISO_Ant1_5825

11N40SISO_Ant1_5190

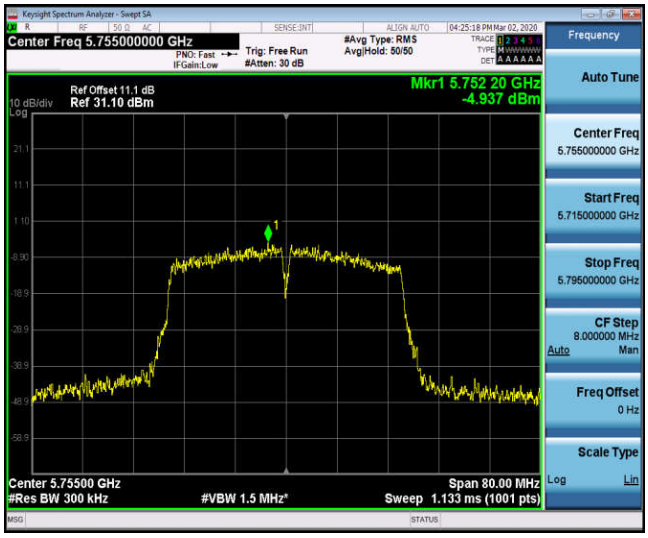
11N40SISO_Ant1_5230

11N40SISO_Ant1_5270

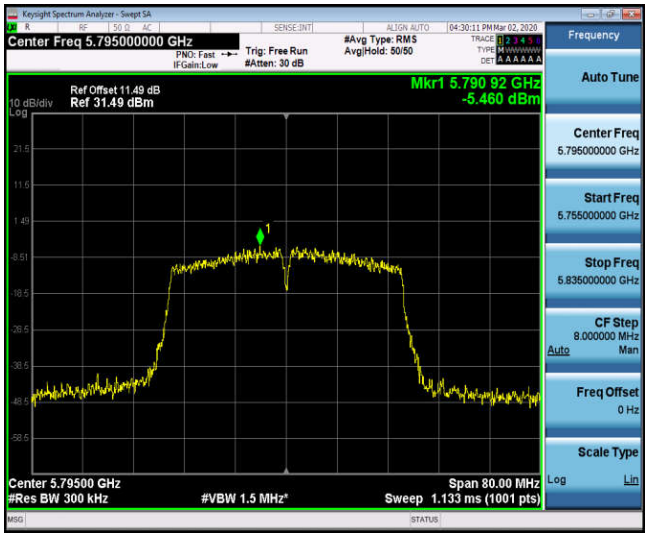
11N40SISO_Ant1_5310

11N40SISO_Ant1_5670

11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240

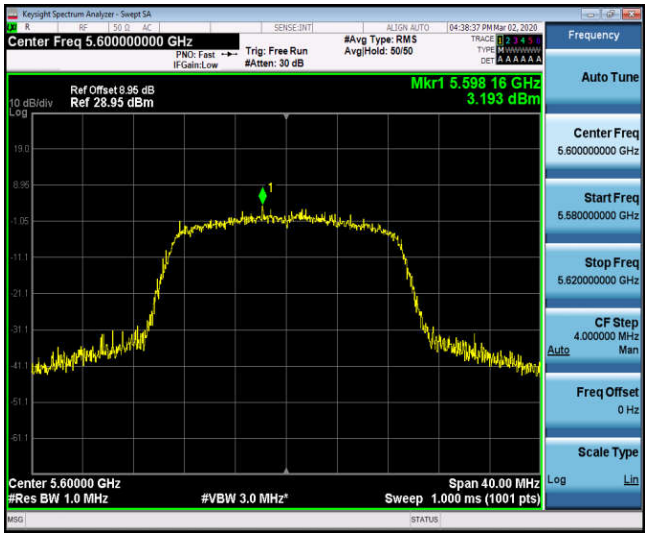
11AC20SISO_Ant1_5260

11AC20SISO_Ant1_5280

11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

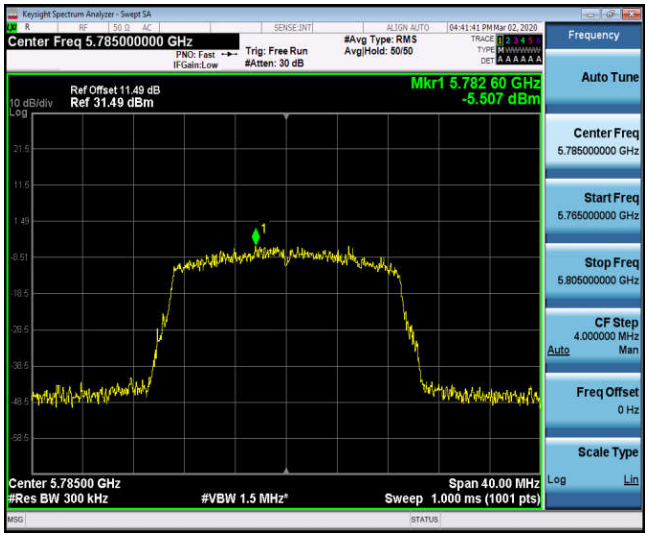
11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700

11AC20SISO_Ant1_5745

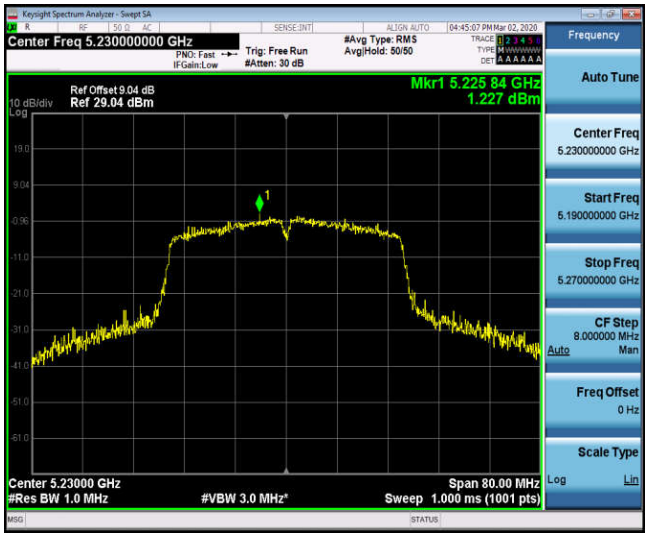
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825

11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270

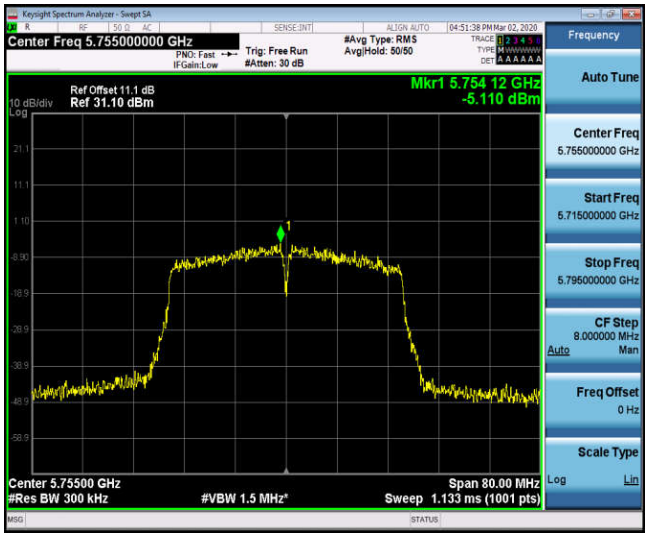
11AC40SISO_Ant1_5310

11AC40SISO_Ant1_5510

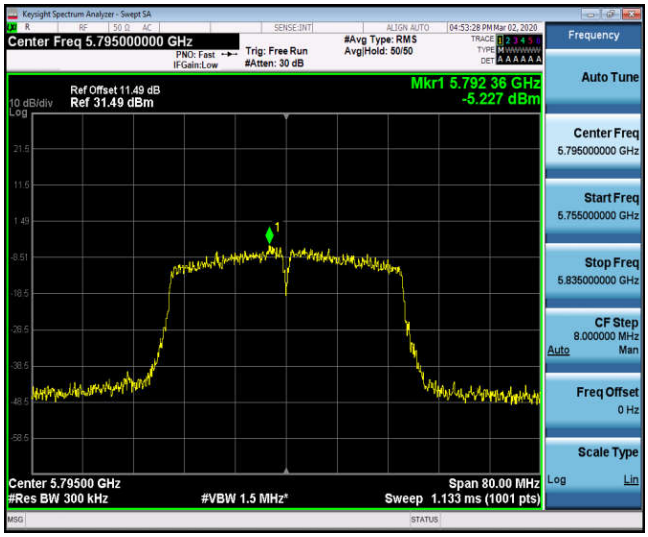
11AC40SISO_Ant1_5550

11AC40SISO_Ant1_5670

11AC40SISO_Ant1_5755



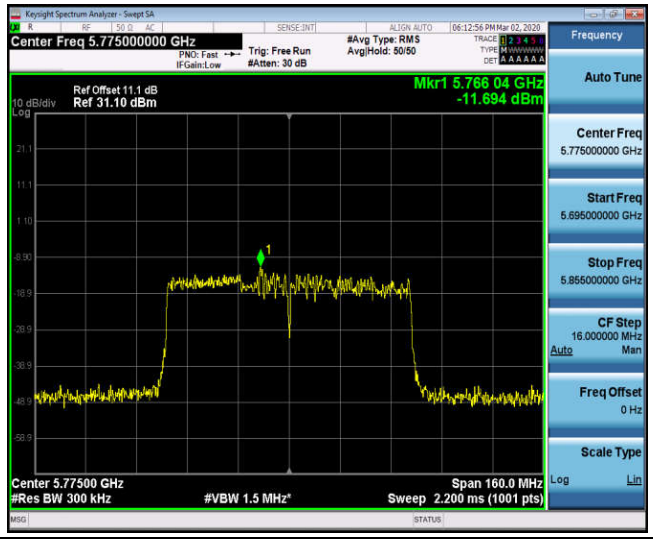
11AC40SISO_Ant1_5795



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	19.720	5170.120	5189.840	---	PASS
		5200	20.080	5189.840	5209.920	---	PASS
		5240	19.840	5230.160	5250.000	---	PASS
		5260	19.800	5250.080	5269.880	---	PASS
		5280	19.600	5270.320	5289.920	---	PASS
		5320	19.640	5310.200	5329.840	---	PASS
		5500	19.720	5490.320	5510.040	---	PASS
		5580	20.400	5569.720	5590.120	---	PASS
		5600	19.680	5590.160	5609.840	---	PASS
		5700	19.960	5689.920	5709.880	---	PASS
11N20SISO	Ant1	5180	20.240	5169.920	5190.160	---	PASS
		5200	20.440	5189.920	5210.360	---	PASS
		5240	20.280	5229.880	5250.160	---	PASS
		5260	20.000	5250.000	5270.000	---	PASS
		5280	20.200	5270.000	5290.200	---	PASS
		5320	20.000	5310.000	5330.000	---	PASS
		5500	20.160	5489.920	5510.080	---	PASS
		5600	28.120	5584.960	5613.080	---	PASS
		5700	20.120	5689.960	5710.080	---	PASS
11N40SISO	Ant1	5190	40.640	5169.840	5210.480	---	PASS
		5230	41.280	5209.840	5251.120	---	PASS
		5270	40.640	5249.600	5290.240	---	PASS
		5310	40.400	5289.920	5330.320	---	PASS
		5510	39.920	5490.000	5529.920	---	PASS
		5550	40.560	5530.160	5570.720	---	PASS
		5670	40.480	5649.760	5690.240	---	PASS
11AC20SISO	Ant1	5180	20.040	5170.040	5190.080	---	PASS
		5200	19.960	5190.120	5210.080	---	PASS
		5240	19.760	5230.200	5249.960	---	PASS
		5260	19.960	5250.040	5270.000	---	PASS
		5280	20.000	5270.080	5290.080	---	PASS
		5320	20.080	5310.040	5330.120	---	PASS
		5500	19.880	5490.000	5509.880	---	PASS
		5600	20.160	5589.880	5610.040	---	PASS
		5700	20.160	5689.840	5710.000	---	PASS
11AC40SISO	Ant1	5190	40.400	5169.920	5210.320	---	PASS
		5230	45.200	5209.600	5254.800	---	PASS
		5270	40.480	5249.840	5290.320	---	PASS

		5310	40.080	5289.840	5329.920	---	PASS
		5510	40.720	5489.920	5530.640	---	PASS
		5550	40.160	5530.080	5570.240	---	PASS
		5670	39.920	5649.600	5689.520	---	PASS
11AC80S ISO	Ant1	5210	82.720	5169.840	5252.560	---	PASS
		5290	81.280	5249.520	5330.800	---	PASS
		5530	81.760	5489.360	5571.120	---	PASS

Test Graphs

11A_Ant1_5180

11A_Ant1_5200

11A_Ant1_5240

11A_Ant1_5260

11A_Ant1_5280

11A_Ant1_5320

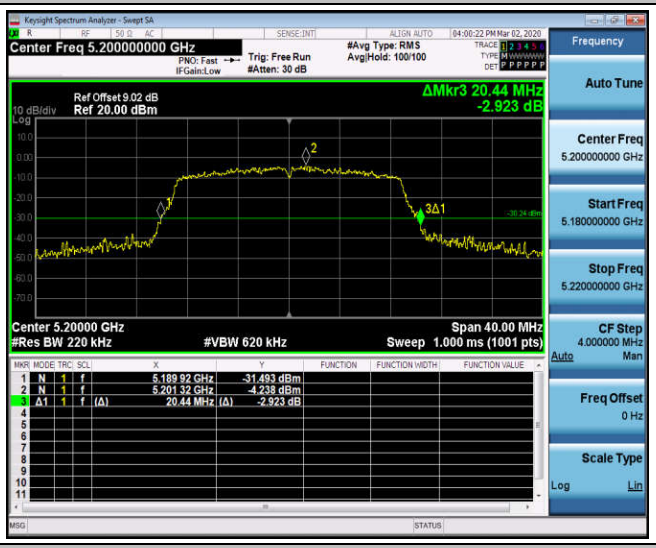
11A_Ant1_5500

11A_Ant1_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

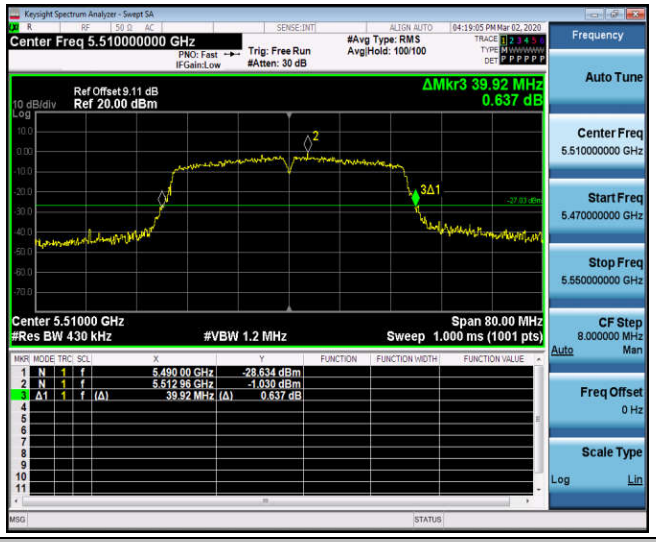
11N40SISO_Ant1_5190

11N40SISO_Ant1_5230

11N40SISO_Ant1_5270

11N40SISO_Ant1_5310

11N40SISO_Ant1_5510



11N40SISO_Ant1_5550