

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.15	≤11	PASS
		5200	2.89	≤11	PASS
		5240	2.09	≤11	PASS
		5260	1.65	≤11	PASS
		5280	4.82	≤11	PASS
		5320	3.2	≤11	PASS
		5500	3.19	≤11	PASS
		5580	3.39	≤11	PASS
		5700	2.89	≤11	PASS
		5745	0.01	≤30	PASS
		5785	-0.64	≤30	PASS
		5825	-1.01	≤30	PASS
11N20SISO	Ant1	5180	2.11	≤11	PASS
		5200	1.64	≤11	PASS
		5240	1.19	≤11	PASS
		5260	0.69	≤11	PASS
		5280	0.9	≤11	PASS
		5320	2.16	≤11	PASS
		5500	1.81	≤11	PASS
		5580	2.18	≤11	PASS
		5700	2.04	≤11	PASS
		5745	-1.61	≤30	PASS
		5785	-2.38	≤30	PASS
		5825	-2.48	≤30	PASS
11N40SISO	Ant1	5190	2.36	≤11	PASS
		5230	0.42	≤11	PASS
		5270	2.12	≤11	PASS
		5310	3.11	≤11	PASS
		5510	2.6	≤11	PASS
		5550	2.66	≤11	PASS
		5670	2.06	≤11	PASS
		5755	-1.78	≤30	PASS
		5795	-1.61	≤30	PASS
11AC20SISO	Ant1	5180	3.44	≤11	PASS
		5200	3.22	≤11	PASS
		5240	3.1	≤11	PASS
		5260	2.76	≤11	PASS
		5280	3.38	≤11	PASS

		5320	3.66	≤11	PASS
		5500	3.26	≤11	PASS
		5580	3.46	≤11	PASS
		5700	2.55	≤11	PASS
		5745	-1.18	≤30	PASS
		5785	-1.05	≤30	PASS
		5825	-1.04	≤30	PASS
11AC40SISO	Ant1	5190	1.55	≤11	PASS
		5230	0.77	≤11	PASS
		5270	0.43	≤11	PASS
		5310	1.53	≤11	PASS
		5510	1.72	≤11	PASS
		5550	0.11	≤11	PASS
		5670	1.35	≤11	PASS
		5755	-2	≤30	PASS
		5795	-2.64	≤30	PASS
11AC80SISO	Ant1	5210	-5.18	≤11	PASS
		5290	-5.32	≤11	PASS
		5530	-4.31	≤11	PASS
		5610	-4.9	≤11	PASS
		5775	-8.42	≤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_5580



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_5580



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



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_5580



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_5610



11AC80SISO_Ant1_5775

Appendix E: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-7800	-1.505792	within the operating band	PASS
			LV	NT	-7800	-1.505792		PASS
			HV	NT	-7800	-1.505792		PASS
		5260	NV	NT	-10200	-1.939163		PASS
			LV	NT	-10500	-1.996198		PASS
			HV	NT	-10500	-1.996198		PASS
		5500	NV	NT	-11700	-2.127273		PASS
			LV	NT	-11700	-2.127273		PASS
			HV	NT	-12000	-2.181818		PASS
		5745	NV	NT	-12600	-2.193211		PASS
			LV	NT	-12600	-2.193211		PASS
			HV	NT	-12600	-2.193211		PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-8400	-1.621622	within the operating band	PASS
			NV	-20	-8400	-1.621622		PASS
			NV	-10	-8700	-1.679537		PASS
			NV	0	-8700	-1.679537		PASS
			NV	10	-9000	-1.737452		PASS
			NV	20	-9300	-1.795367		PASS
			NV	30	-9300	-1.795367		PASS
			NV	40	-9600	-1.853282		PASS
			NV	50	-9600	-1.853282		PASS
		5260	NV	-30	-10500	-1.996198		PASS
			NV	-20	-10800	-2.053232		PASS
			NV	-10	-10500	-1.996198		PASS
			NV	0	-10500	-1.996198		PASS
			NV	10	-10500	-1.996198		PASS
			NV	20	-10500	-1.996198		PASS
			NV	30	-10800	-2.053232		PASS
			NV	40	-10800	-2.053232		PASS
			NV	50	-10800	-2.053232		PASS
		5500	NV	-30	-12000	-2.181818		PASS

			NV	-20	-11700	-2.127273		PASS
			NV	-10	-11700	-2.127273		PASS
			NV	0	-12000	-2.181818		PASS
			NV	10	-12000	-2.181818		PASS
			NV	20	-12000	-2.181818		PASS
			NV	30	-12000	-2.181818		PASS
			NV	40	-12000	-2.181818		PASS
			NV	50	-12000	-2.181818		PASS
		5745	NV	-30	-12600	-2.193211		PASS
			NV	-20	-12600	-2.193211		PASS
			NV	-10	-12900	-2.245431		PASS
			NV	0	-12900	-2.245431		PASS
			NV	10	-12900	-2.245431		PASS
			NV	20	-12900	-2.245431		PASS
			NV	30	-12900	-2.245431		PASS
			NV	40	-12900	-2.245431		PASS
			NV	50	-12900	-2.245431		PASS

Appendix F: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	30.00	30.00	100.00	---	PASS
		5200	30.00	30.00	100.00	---	PASS
		5240	30.00	30.00	100.00	---	PASS
		5260	30.00	30.00	100.00	---	PASS
		5280	30.00	30.00	100.00	---	PASS
		5320	30.00	30.00	100.00	---	PASS
		5500	30.00	30.00	100.00	---	PASS
		5580	30.00	30.00	100.00	---	PASS
		5700	30.00	30.00	100.00	---	PASS
		5745	30.00	30.00	100.00	---	PASS
		5785	30.00	30.00	100.00	---	PASS
		5825	30.00	30.00	100.00	---	PASS
11N20SISO	Ant1	5180	30.00	30.00	100.00	---	PASS
		5200	30.00	30.00	100.00	---	PASS
		5240	30.00	30.00	100.00	---	PASS
		5260	30.00	30.00	100.00	---	PASS
		5280	30.00	30.00	100.00	---	PASS
		5320	30.00	30.00	100.00	---	PASS
		5500	30.00	30.00	100.00	---	PASS
		5580	30.00	30.00	100.00	---	PASS
		5700	30.00	30.00	100.00	---	PASS
		5745	30.00	30.00	100.00	---	PASS
		5785	30.00	30.00	100.00	---	PASS
		5825	30.00	30.00	100.00	---	PASS
11N40SISO	Ant1	5190	30.00	30.00	100.00	---	PASS
		5230	30.00	30.00	100.00	---	PASS
		5270	30.00	30.00	100.00	---	PASS
		5310	30.00	30.00	100.00	---	PASS
		5510	30.00	30.00	100.00	---	PASS
		5550	30.00	30.00	100.00	---	PASS
		5670	30.00	30.00	100.00	---	PASS
		5755	30.00	30.00	100.00	---	PASS
		5795	30.00	30.00	100.00	---	PASS
11AC20SISO	Ant1	5180	30.00	30.00	100.00	---	PASS
		5200	30.00	30.00	100.00	---	PASS
		5240	30.00	30.00	100.00	---	PASS
		5260	30.00	30.00	100.00	---	PASS

		5280	30.00	30.00	100.00	---	PASS
		5320	30.00	30.00	100.00	---	PASS
		5500	30.00	30.00	100.00	---	PASS
		5580	30.00	30.00	100.00	---	PASS
		5700	30.00	30.00	100.00	---	PASS
		5745	30.00	30.00	100.00	---	PASS
		5785	30.00	30.00	100.00	---	PASS
		5825	30.00	30.00	100.00	---	PASS
11AC40SISO	Ant1	5190	30.00	30.00	100.00	---	PASS
		5230	30.00	30.00	100.00	---	PASS
		5270	30.00	30.00	100.00	---	PASS
		5310	30.00	30.00	100.00	---	PASS
		5510	30.00	30.00	100.00	---	PASS
		5550	30.00	30.00	100.00	---	PASS
		5670	30.00	30.00	100.00	---	PASS
		5755	30.00	30.00	100.00	---	PASS
		5795	30.00	30.00	100.00	---	PASS
11AC80SISO	Ant1	5210	30.00	30.00	100.00	---	PASS
		5290	30.00	30.00	100.00	---	PASS
		5530	30.00	30.00	100.00	---	PASS
		5610	30.00	30.00	100.00	---	PASS
		5775	30.00	30.00	100.00	---	PASS

Test Graphs



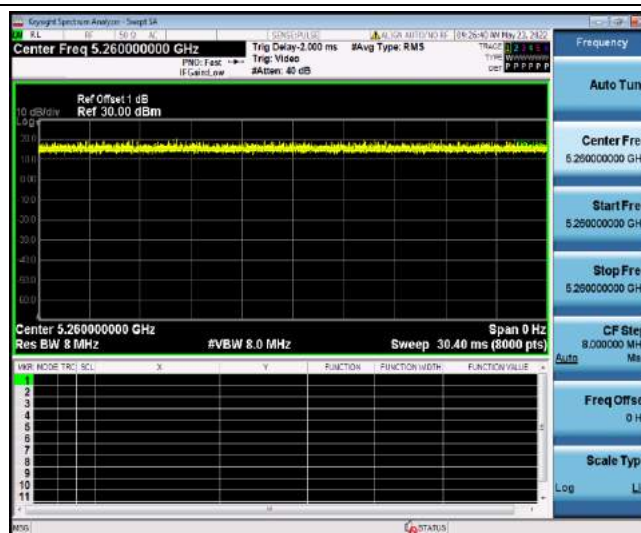
11A_Ant1_5180



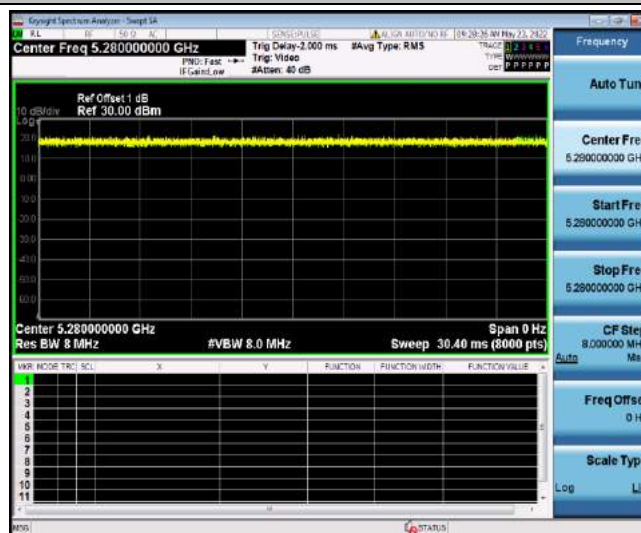
11A_Ant1_5200



11A_Ant1_5240



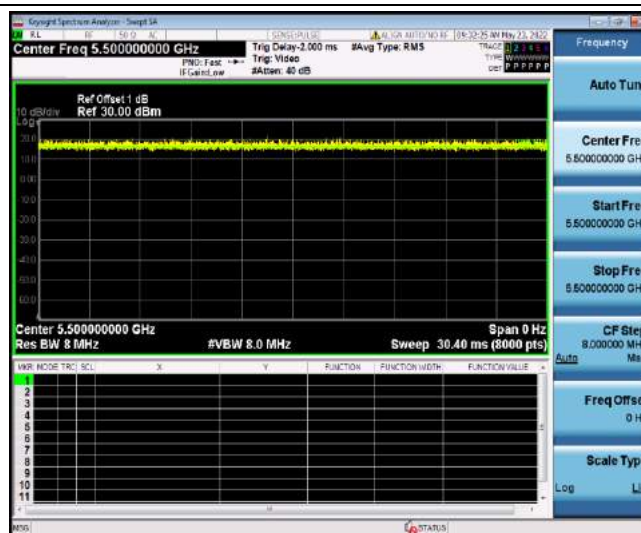
11A_Ant1_5260



11A_Ant1_5280



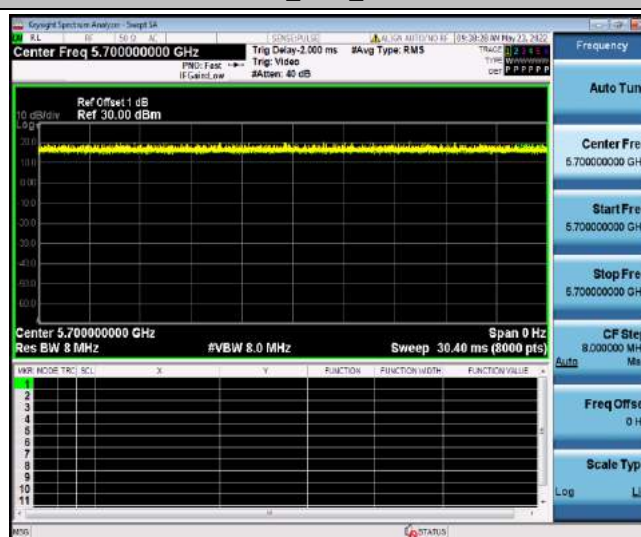
11A_Ant1_5320



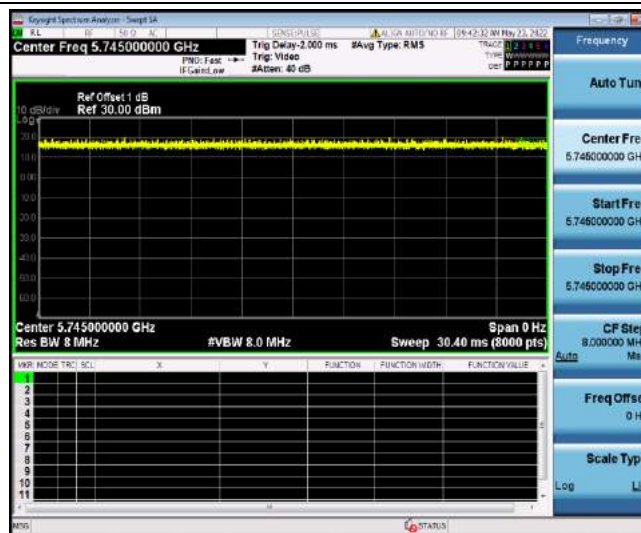
11A_Ant1_5500



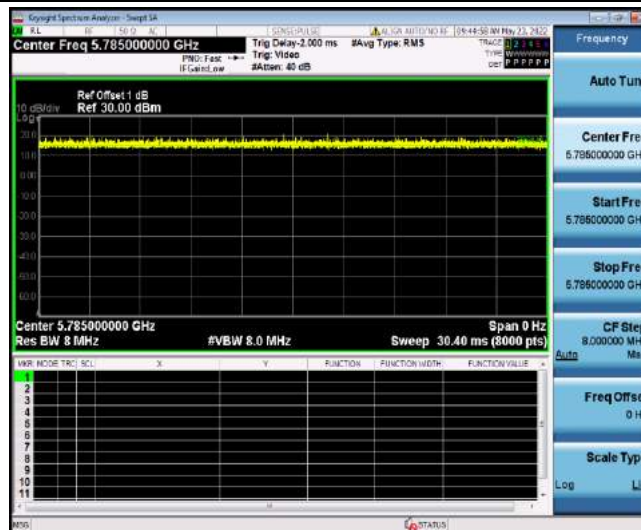
11A_Ant1_5580



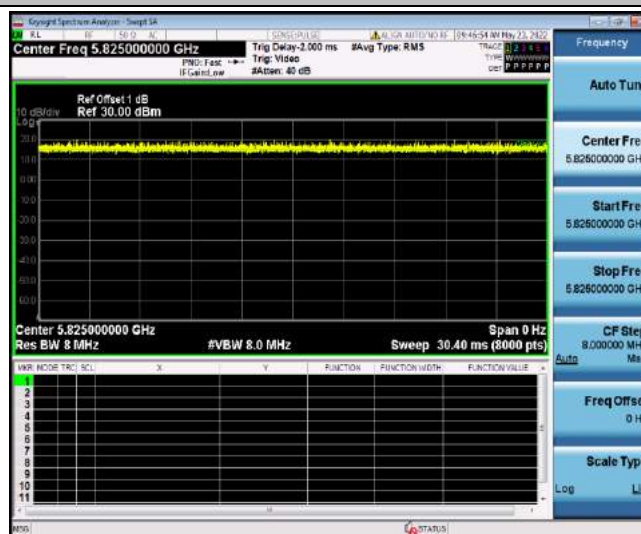
11A_Ant1_5700



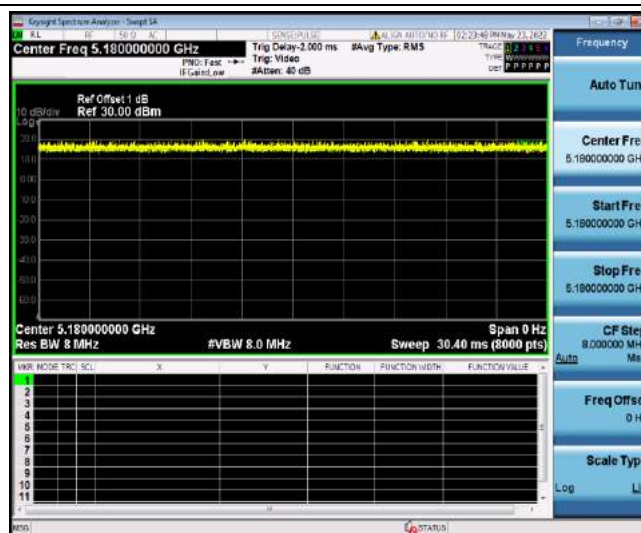
11A_Ant1_5745



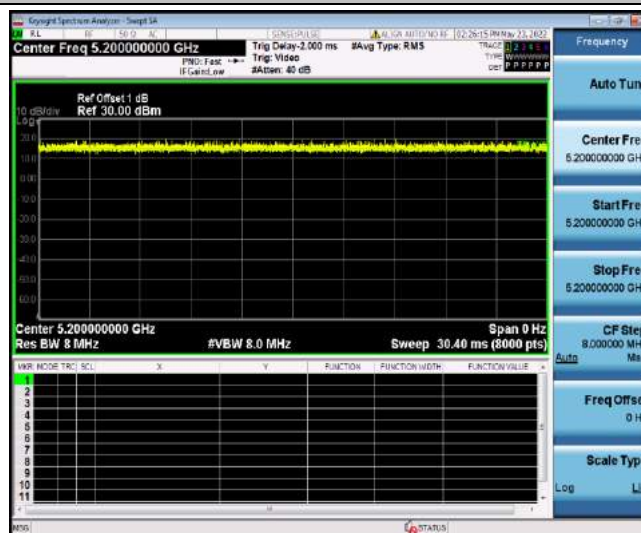
11A_Ant1_5785



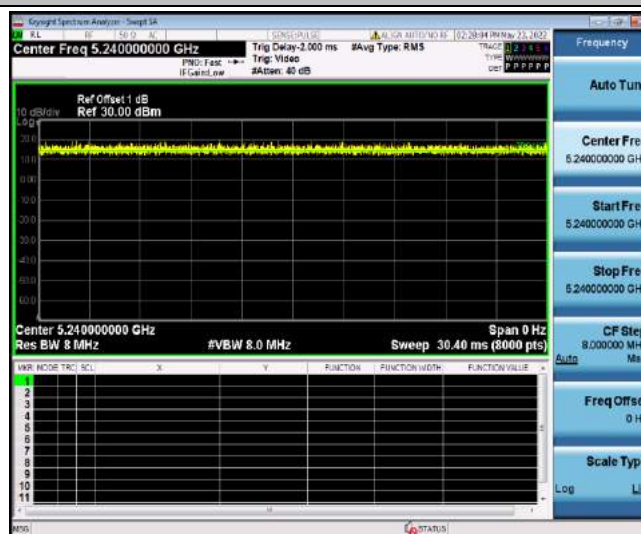
11A_Ant1_5825



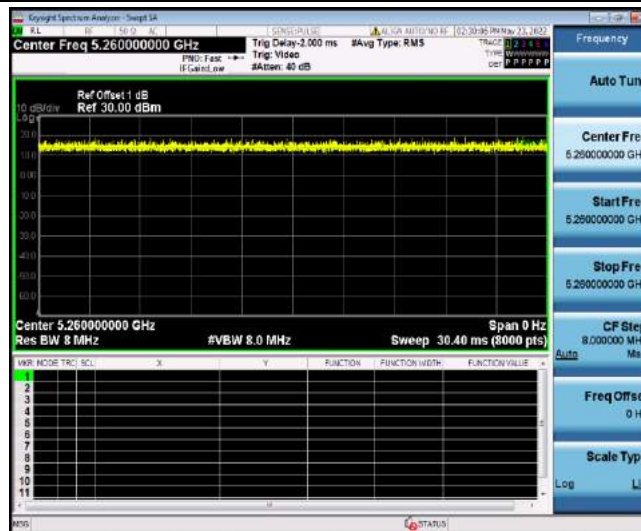
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



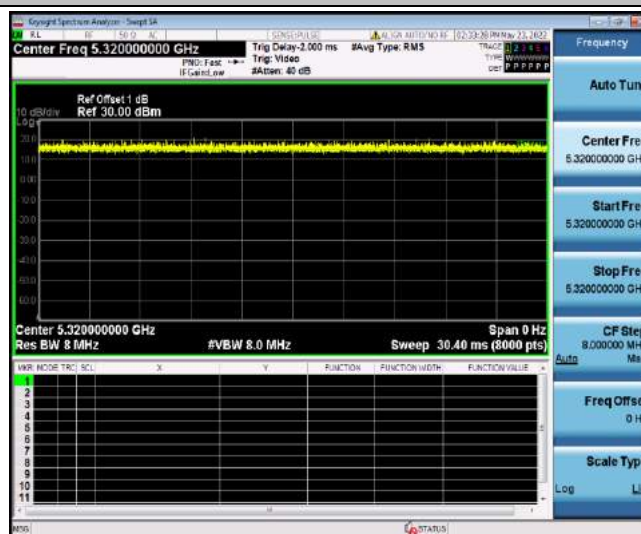
11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



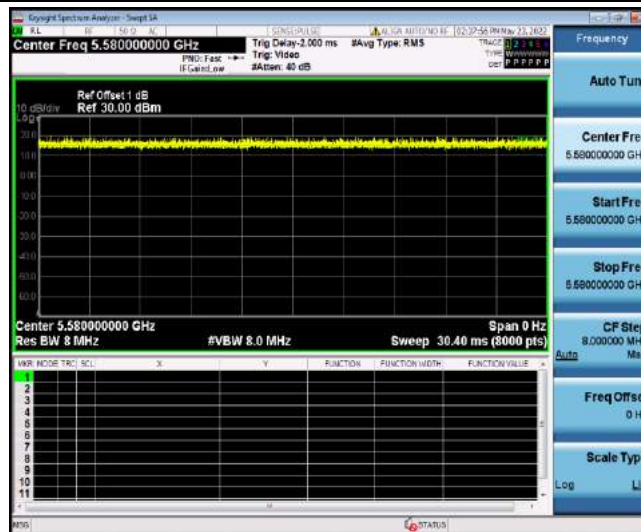
11N20SISO_Ant1_5280



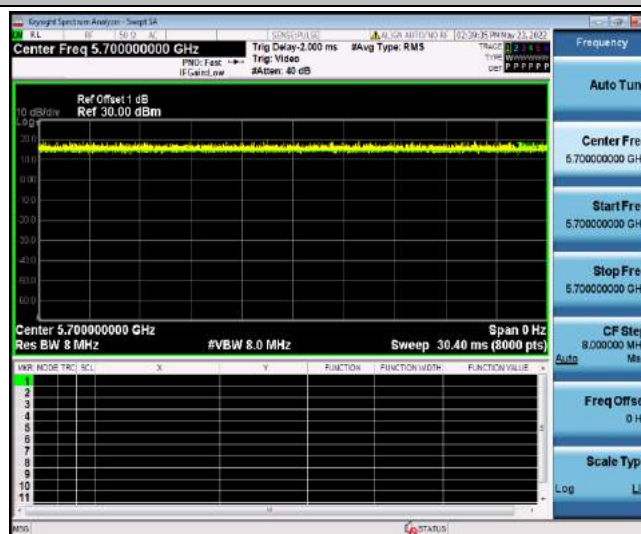
11N20SISO_Ant1_5320



11N20SISO_Ant1_5500



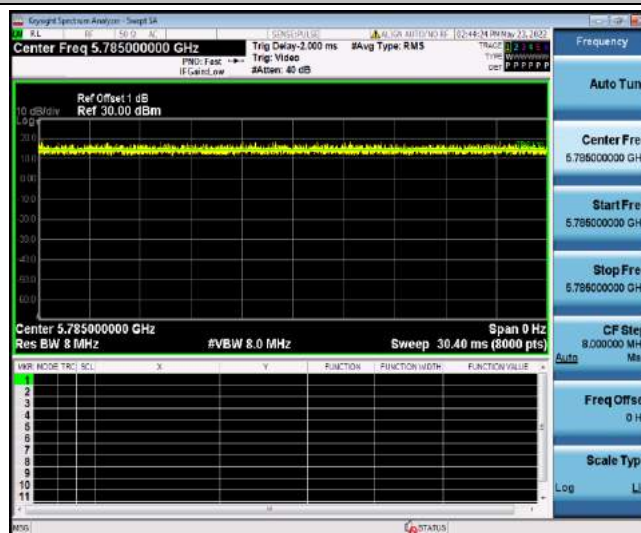
11N20SISO_Ant1_5580



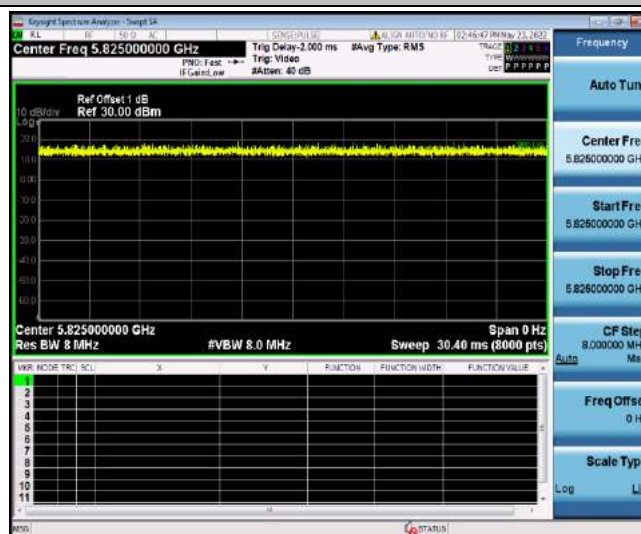
11N20SISO_Ant1_5700



11N20SISO_Ant1_5745



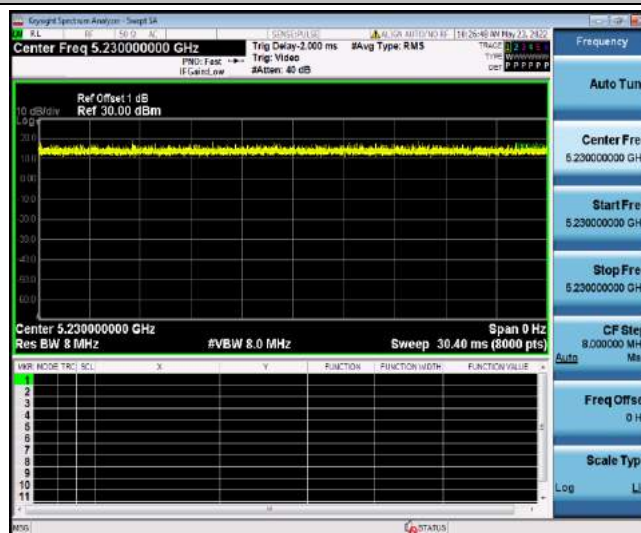
11N20SISO_Ant1_5785



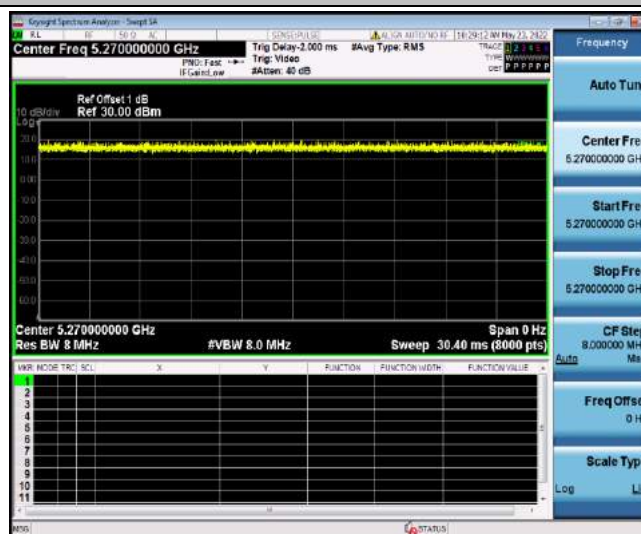
11N20SISO_Ant1_5825



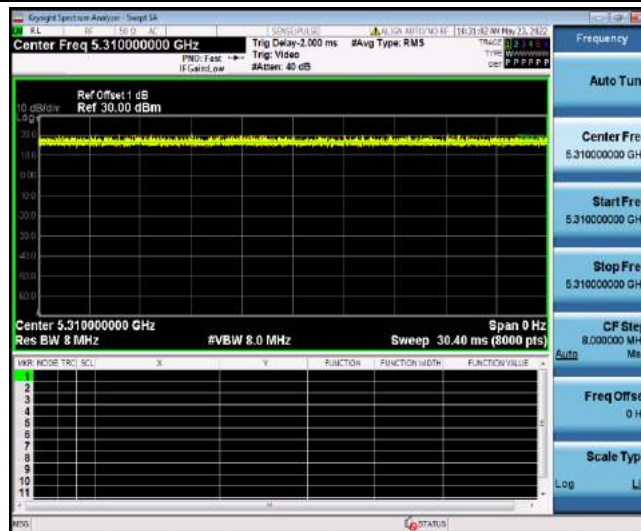
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11N40SISO_Ant1_5510



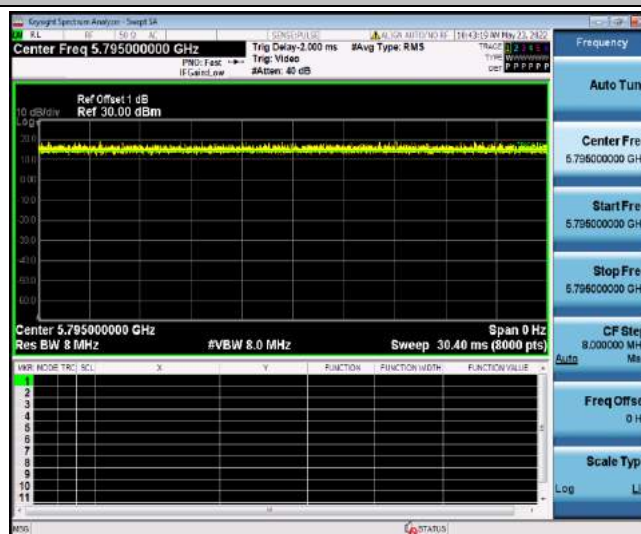
11N40SISO_Ant1_5550



11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



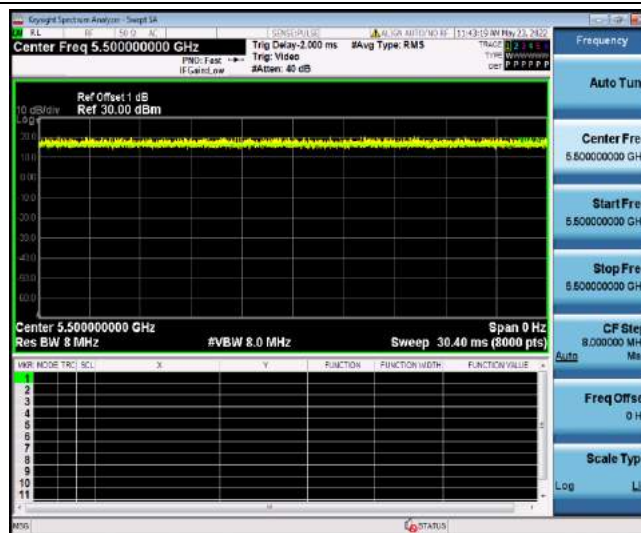
11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



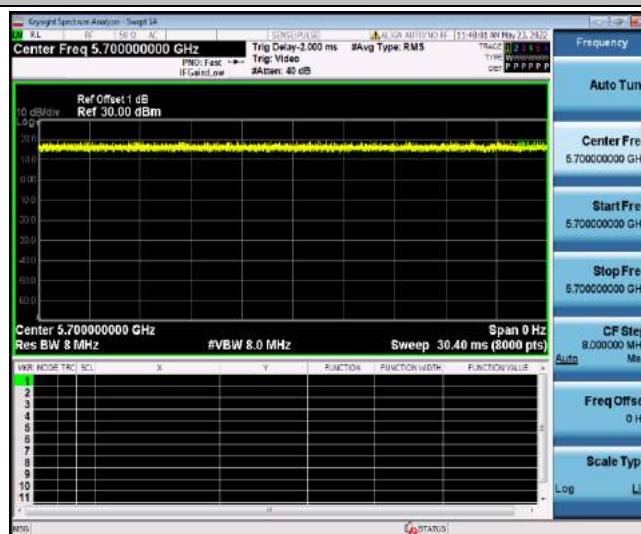
11AC20SISO_Ant1_5320



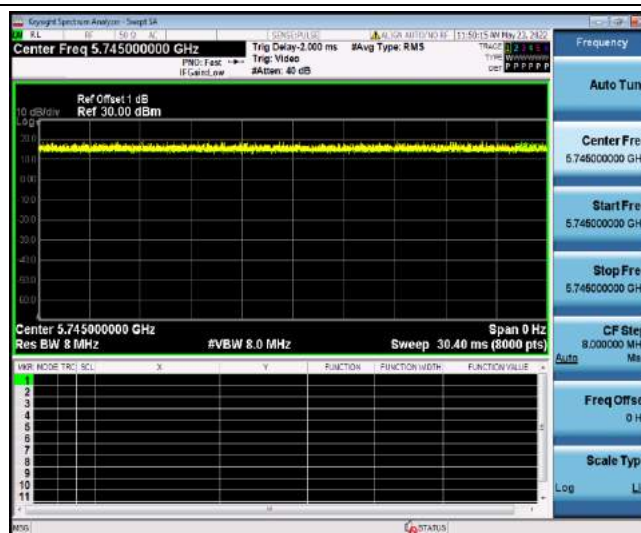
11AC20SISO_Ant1_5500



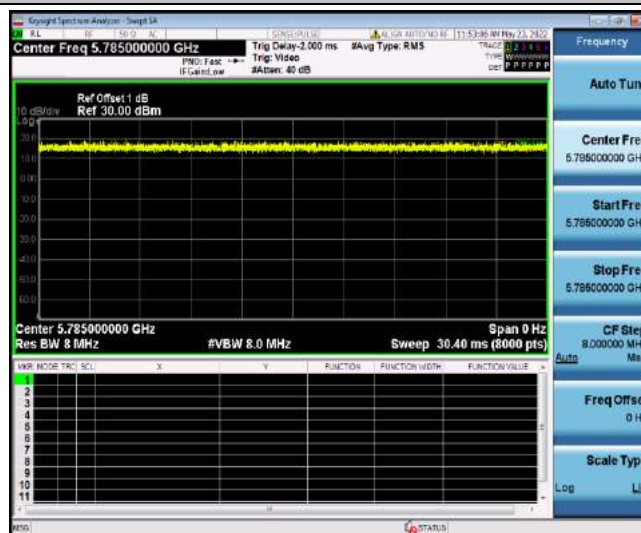
11AC20SISO_Ant1_5580



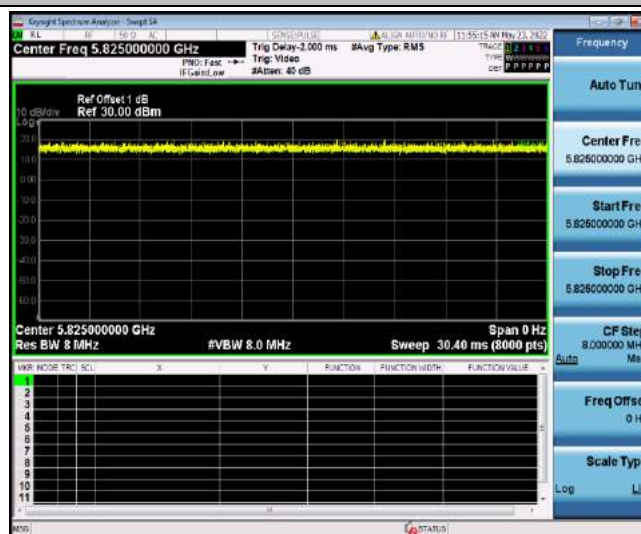
11AC20SISO_Ant1_5700



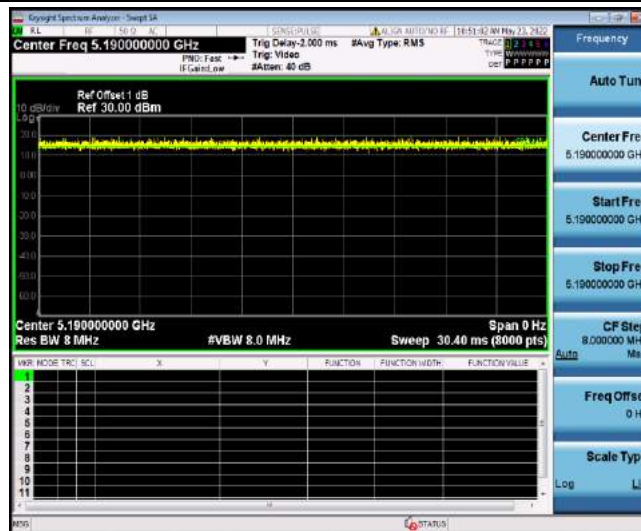
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



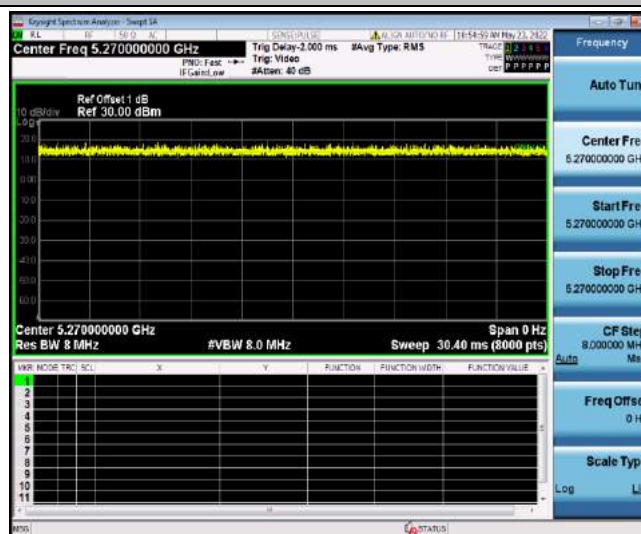
11AC20SISO_Ant1_5825



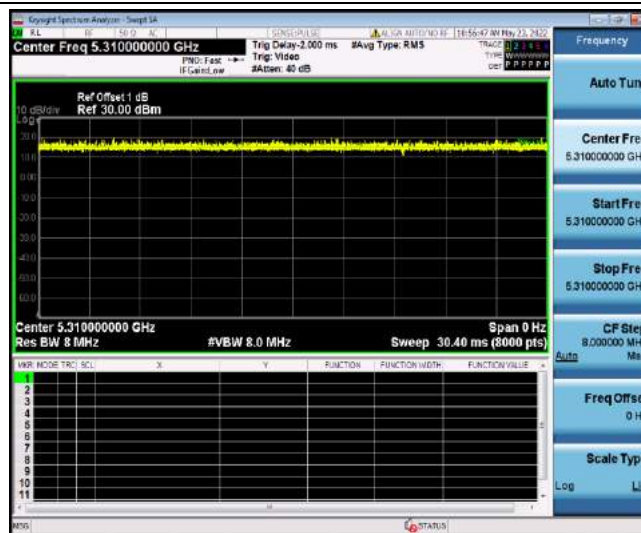
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



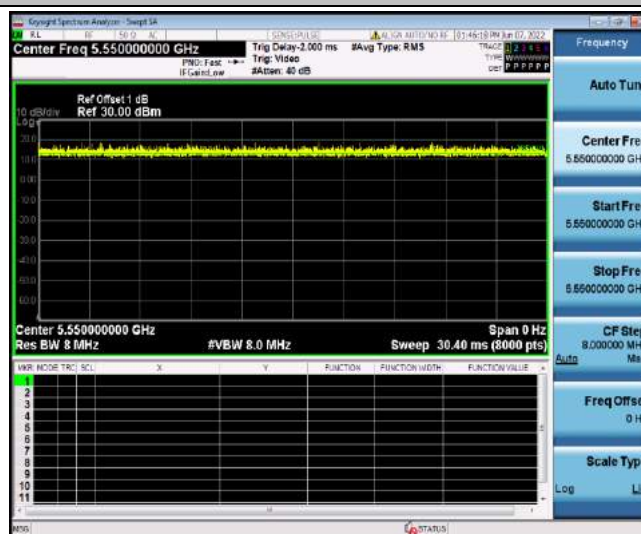
11AC40SISO_Ant1_5270



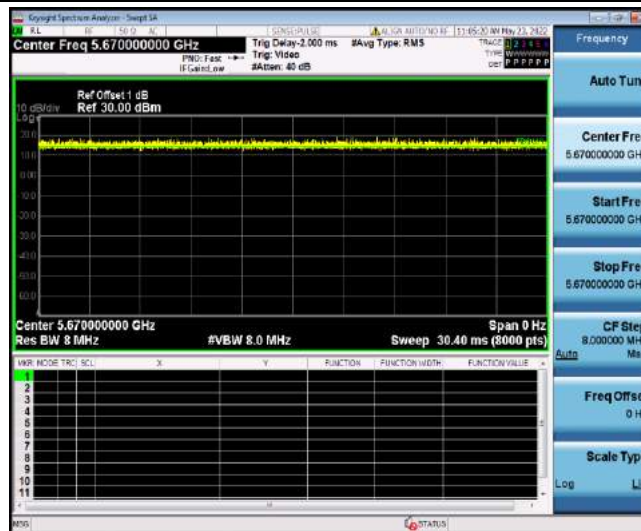
11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



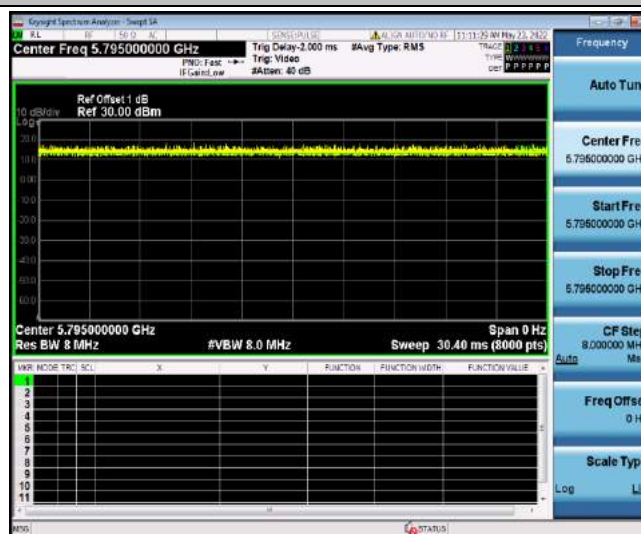
11AC40SISO_Ant1_5550



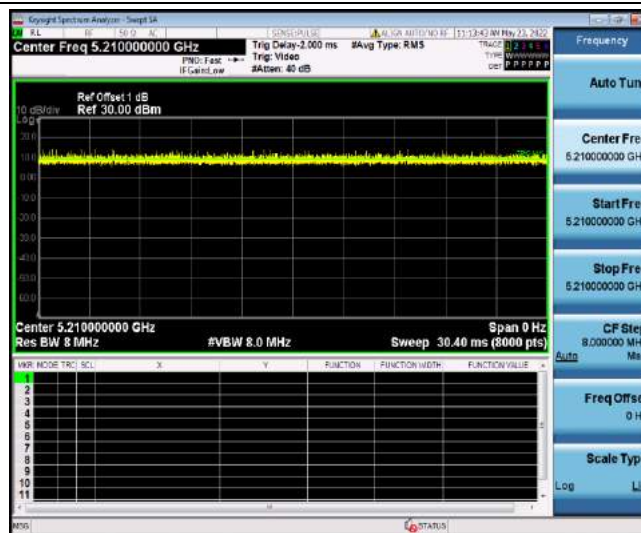
11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5755



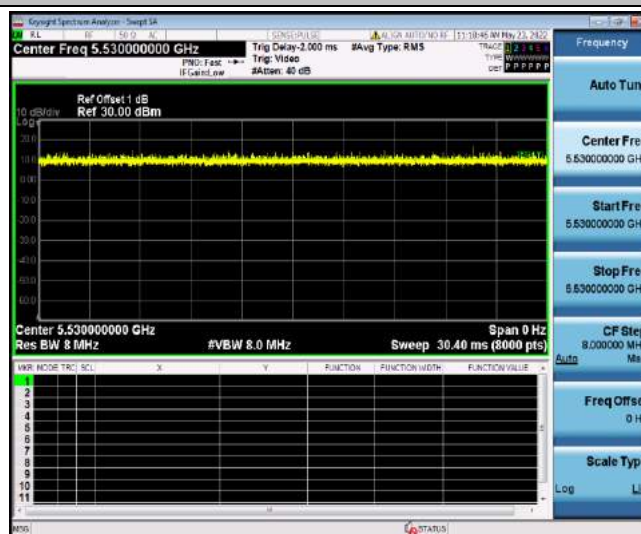
11AC40SISO_Ant1_5795



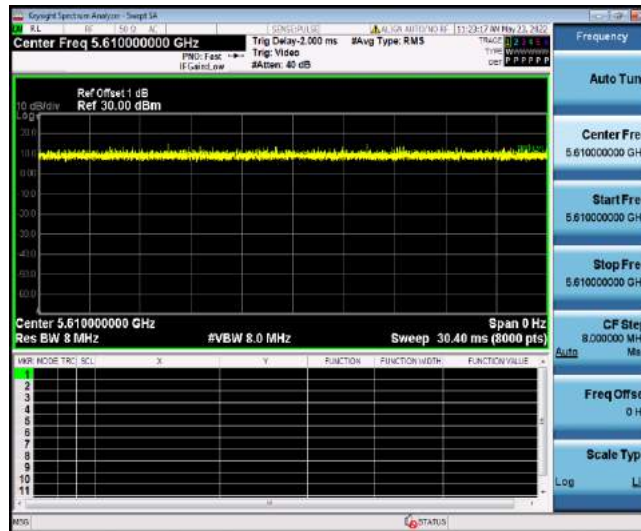
11AC80SISO_Ant1_5210



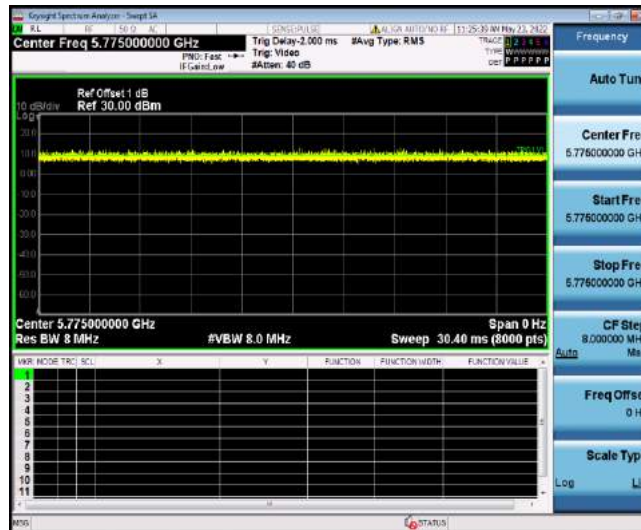
11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5775

***** End *****