



11N20SISO-Ant1-5320-PASS



11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS



11N20SISO-Ant1-5700-PASS



11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



11N40SISO-Ant1-5270-PASS



11N40SISO-Ant1-5310-PASS



11N40SISO-Ant1-5510-PASS



11N40SISO-Ant1-5550-PASS



11N40SISO-Ant1-5670-PASS



11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5180-PASS



11AC20SISO-Ant1-5200-PASS



11AC20SISO-Ant1-5240-PASS



11AC20SISO-Ant1-5260-PASS



11AC20SISO-Ant1-5300-PASS



11AC20SISO-Ant1-5320-PASS



11AC20SISO-Ant1-5500-PASS



11AC20SISO-Ant1-5580-PASS



11AC20SISO-Ant1-5700-PASS



11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS



11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS



11AC40SISO-Ant1-5230-PASS



11AC40SISO-Ant1-5270-PASS



11AC40SISO-Ant1-5310-PASS



11AC40SISO-Ant1-5510-PASS



11AC40SISO-Ant1-5550-PASS



11AC40SISO-Ant1-5670-PASS



11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5290-PASS



11AC80SISO-Ant1-5530-PASS



11AC80SISO-Ant1-5610-PASS



11AC80SISO-Ant1-5775-PASS



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.06	≤11.00	PASS
11A	Ant1	5200	4.24	≤11.00	PASS
11A	Ant1	5240	4.15	≤11.00	PASS
11A	Ant1	5260	0.53	≤11.00	PASS
11A	Ant1	5300	0.00	≤11.00	PASS
11A	Ant1	5320	-0.55	≤11.00	PASS
11A	Ant1	5500	-1.44	≤11.00	PASS
11A	Ant1	5580	0.11	≤11.00	PASS
11A	Ant1	5700	-0.54	≤11.00	PASS
11A	Ant1	5745	-5.56	≤30.00	PASS
11A	Ant1	5785	-4.74	≤30.00	PASS
11A	Ant1	5825	-6.30	≤30.00	PASS
11N20SISO	Ant1	5180	4.68	≤11.00	PASS
11N20SISO	Ant1	5200	5.19	≤11.00	PASS
11N20SISO	Ant1	5240	4.81	≤11.00	PASS
11N20SISO	Ant1	5260	3.26	≤11.00	PASS
11N20SISO	Ant1	5300	2.75	≤11.00	PASS
11N20SISO	Ant1	5320	2.39	≤11.00	PASS
11N20SISO	Ant1	5500	1.23	≤11.00	PASS
11N20SISO	Ant1	5580	2.52	≤11.00	PASS
11N20SISO	Ant1	5700	2.52	≤11.00	PASS
11N20SISO	Ant1	5745	-4.44	≤30.00	PASS
11N20SISO	Ant1	5785	-3.31	≤30.00	PASS
11N20SISO	Ant1	5825	-4.44	≤30.00	PASS
11N40SISO	Ant1	5190	4.89	≤11.00	PASS
11N40SISO	Ant1	5230	3.98	≤11.00	PASS
11N40SISO	Ant1	5270	1.82	≤11.00	PASS
11N40SISO	Ant1	5310	1.48	≤11.00	PASS
11N40SISO	Ant1	5510	0.53	≤11.00	PASS
11N40SISO	Ant1	5550	1.42	≤11.00	PASS
11N40SISO	Ant1	5670	1.19	≤11.00	PASS
11N40SISO	Ant1	5755	-4.86	≤30.00	PASS
11N40SISO	Ant1	5795	-5.01	≤30.00	PASS
11AC20SISO	Ant1	5180	4.82	≤11.00	PASS
11AC20SISO	Ant1	5200	5.10	≤11.00	PASS
11AC20SISO	Ant1	5240	4.59	≤11.00	PASS
11AC20SISO	Ant1	5260	3.00	≤11.00	PASS
11AC20SISO	Ant1	5300	2.62	≤11.00	PASS

11AC20SISO	Ant1	5320	2.16	≤11.00	PASS
11AC20SISO	Ant1	5500	1.29	≤11.00	PASS
11AC20SISO	Ant1	5580	2.47	≤11.00	PASS
11AC20SISO	Ant1	5700	2.57	≤11.00	PASS
11AC20SISO	Ant1	5745	-3.69	≤30.00	PASS
11AC20SISO	Ant1	5785	-3.25	≤30.00	PASS
11AC20SISO	Ant1	5825	-4.76	≤30.00	PASS
11AC40SISO	Ant1	5190	3.79	≤11.00	PASS
11AC40SISO	Ant1	5230	4.08	≤11.00	PASS
11AC40SISO	Ant1	5270	1.94	≤11.00	PASS
11AC40SISO	Ant1	5310	1.70	≤11.00	PASS
11AC40SISO	Ant1	5510	0.04	≤11.00	PASS
11AC40SISO	Ant1	5550	1.44	≤11.00	PASS
11AC40SISO	Ant1	5670	1.47	≤11.00	PASS
11AC40SISO	Ant1	5755	-4.45	≤30.00	PASS
11AC40SISO	Ant1	5795	-5.10	≤30.00	PASS
11AC80SISO	Ant1	5210	4.07	≤11.00	PASS
11AC80SISO	Ant1	5290	1.72	≤11.00	PASS
11AC80SISO	Ant1	5530	0.19	≤11.00	PASS
11AC80SISO	Ant1	5610	1.28	≤11.00	PASS
11AC80SISO	Ant1	5775	-4.36	≤30.00	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-Ant1-5260-PASS



11A-Ant1-5300-PASS



11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



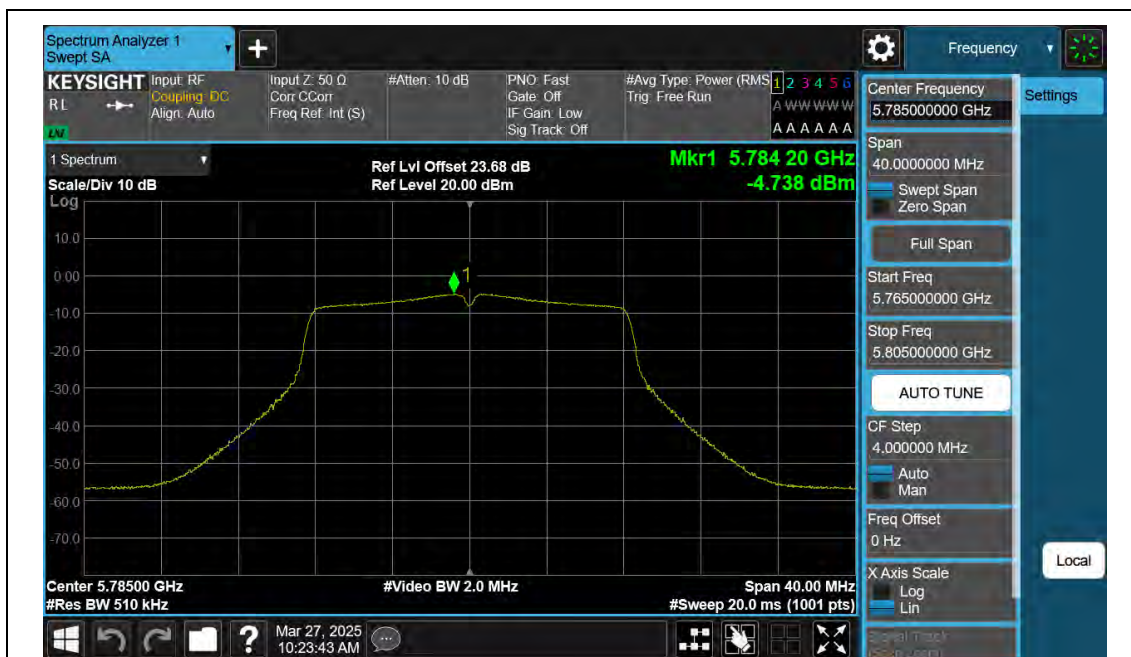
11A-Ant1-5700-PASS



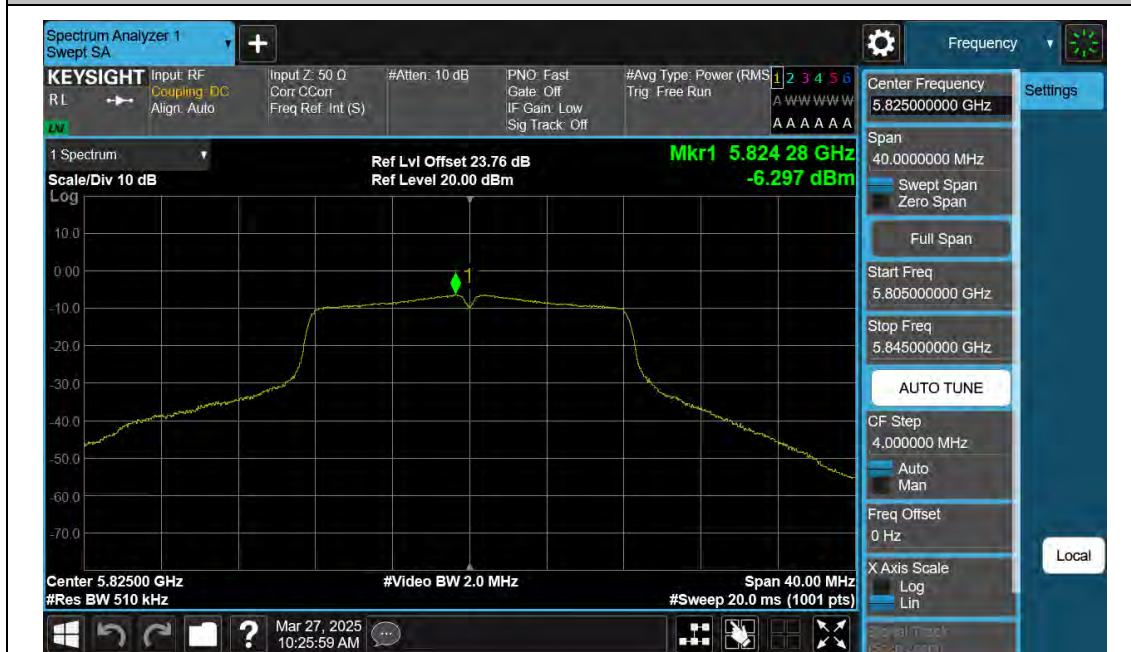
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11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS



11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5260-PASS



11N20SISO-Ant1-5300-PASS



11N20SISO-Ant1-5320-PASS



11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS



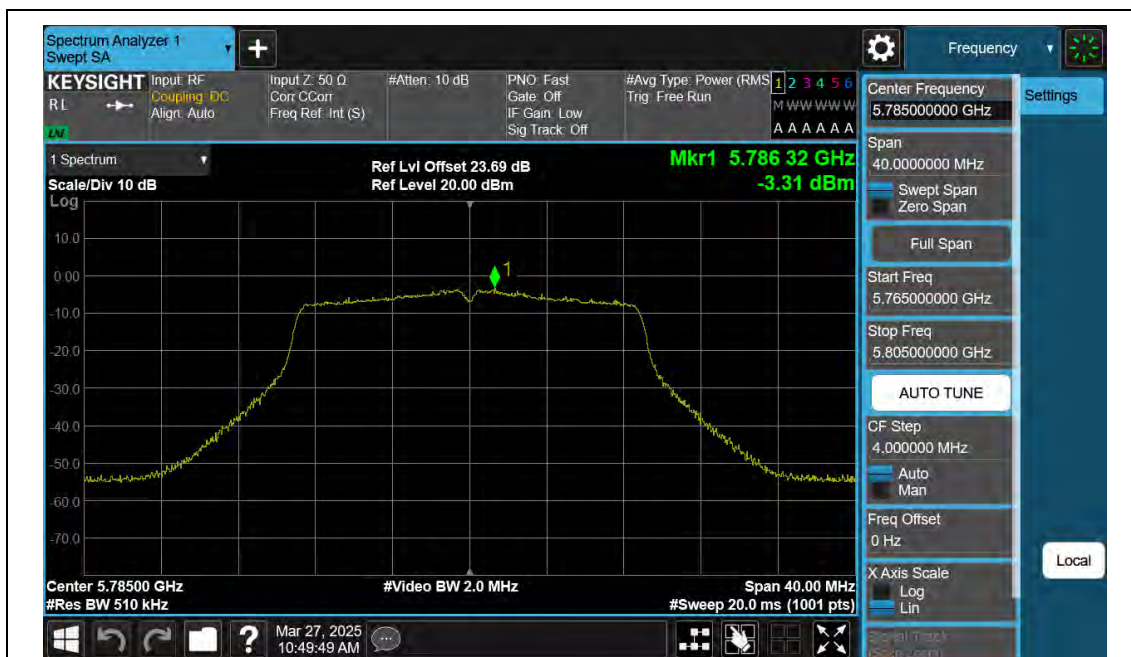
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11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



11N40SISO-Ant1-5270-PASS



11N40SISO-Ant1-5310-PASS



11N40SISO-Ant1-5510-PASS



11N40SISO-Ant1-5550-PASS



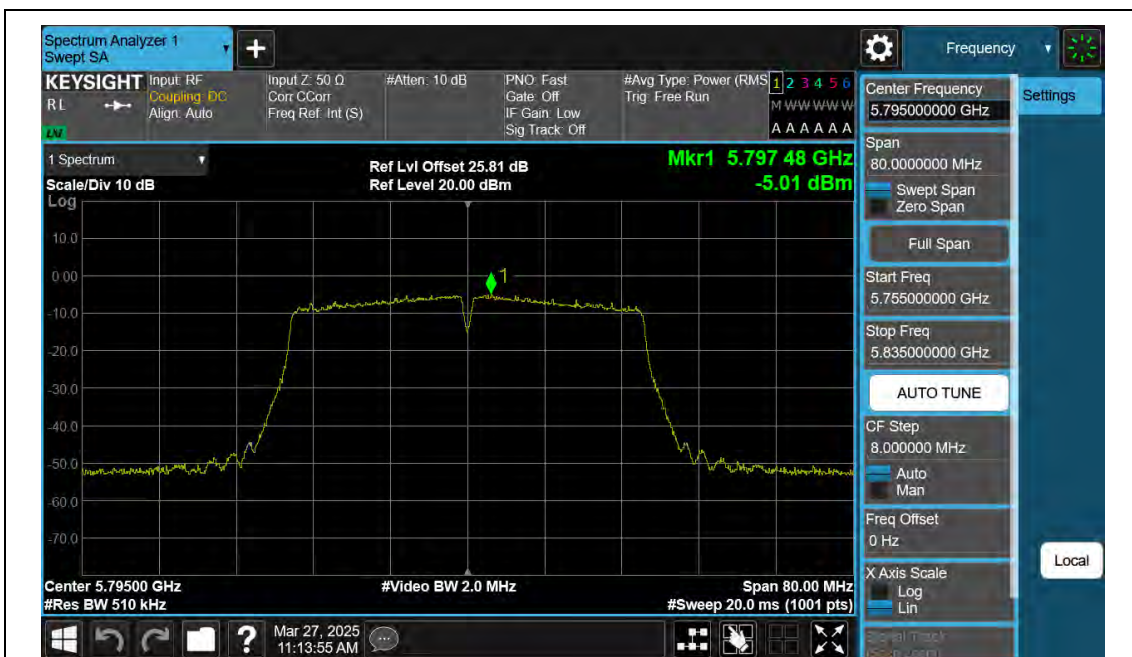
11N40SISO-Ant1-5670-PASS



11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5180-PASS



11AC20SISO-Ant1-5200-PASS



11AC20SISO-Ant1-5240-PASS



11AC20SISO-Ant1-5260-PASS



11AC20SISO-Ant1-5300-PASS



11AC20SISO-Ant1-5320-PASS



11AC20SISO-Ant1-5500-PASS



11AC20SISO-Ant1-5580-PASS



11AC20SISO-Ant1-5700-PASS



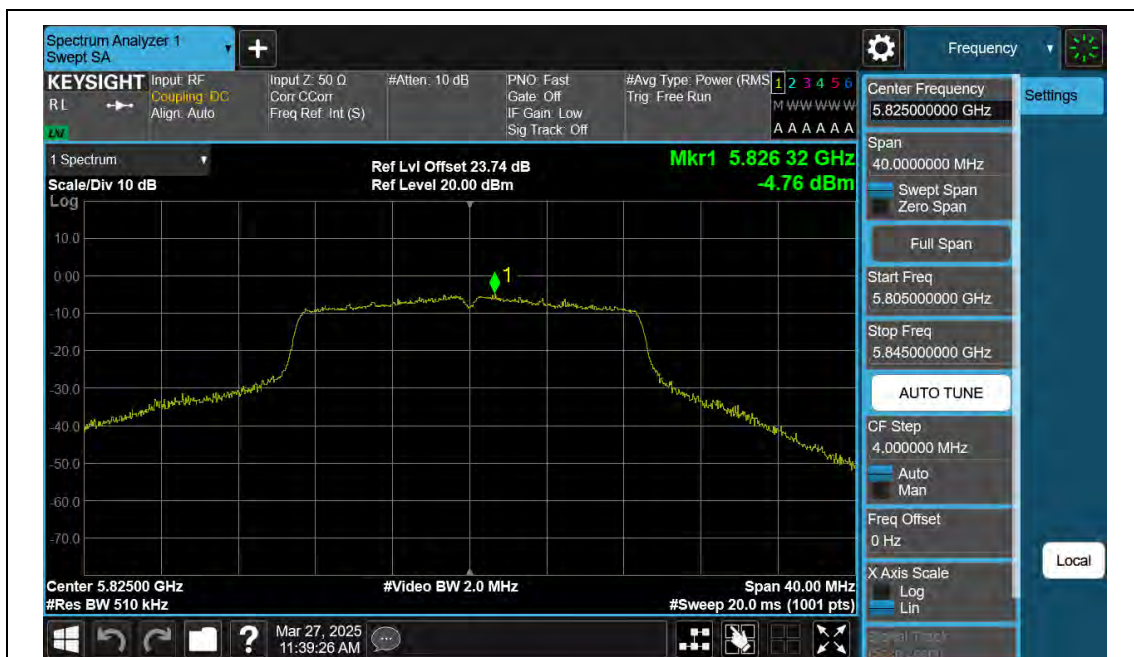
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11AC20SISO-Ant1-5785-PASS



11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS



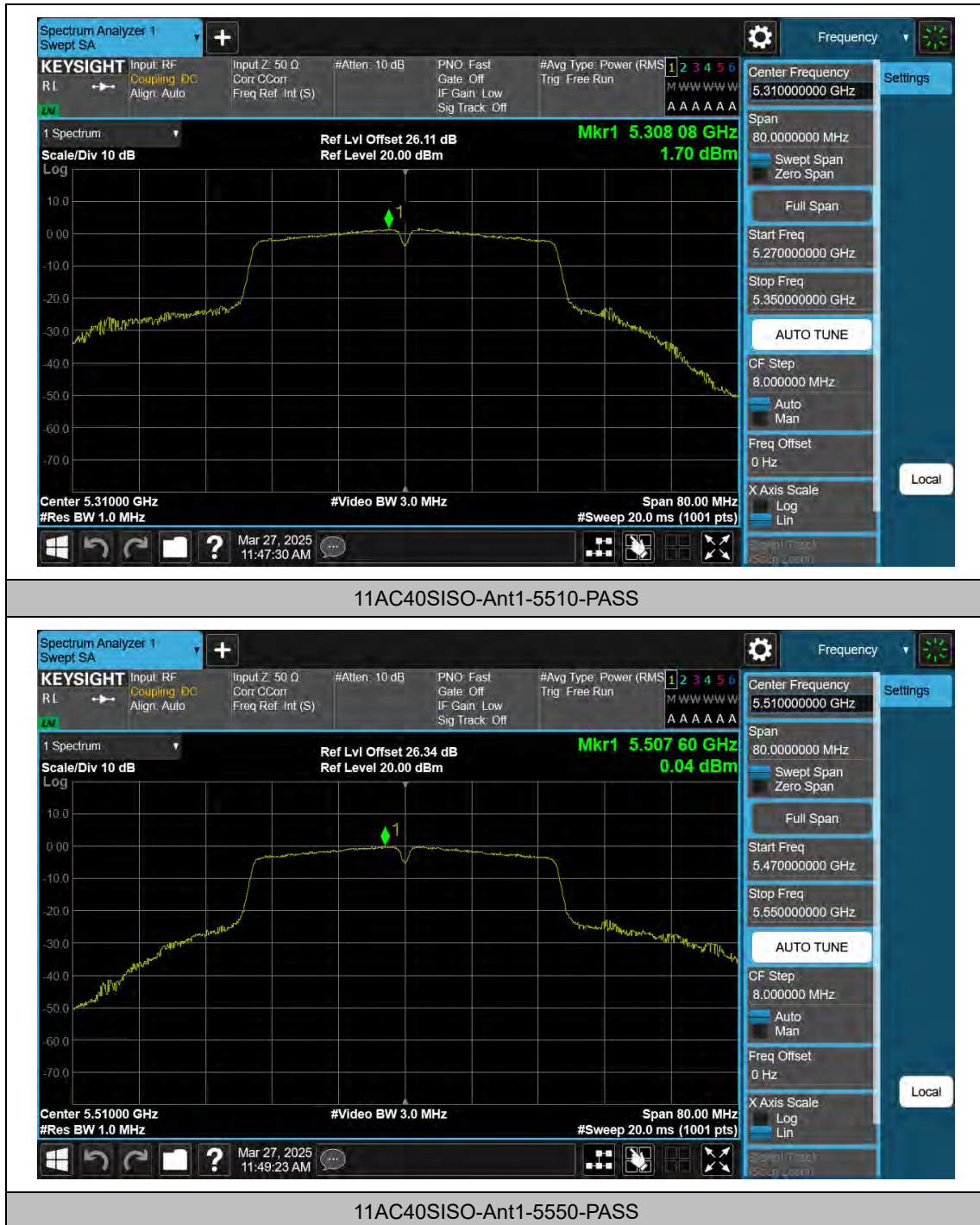
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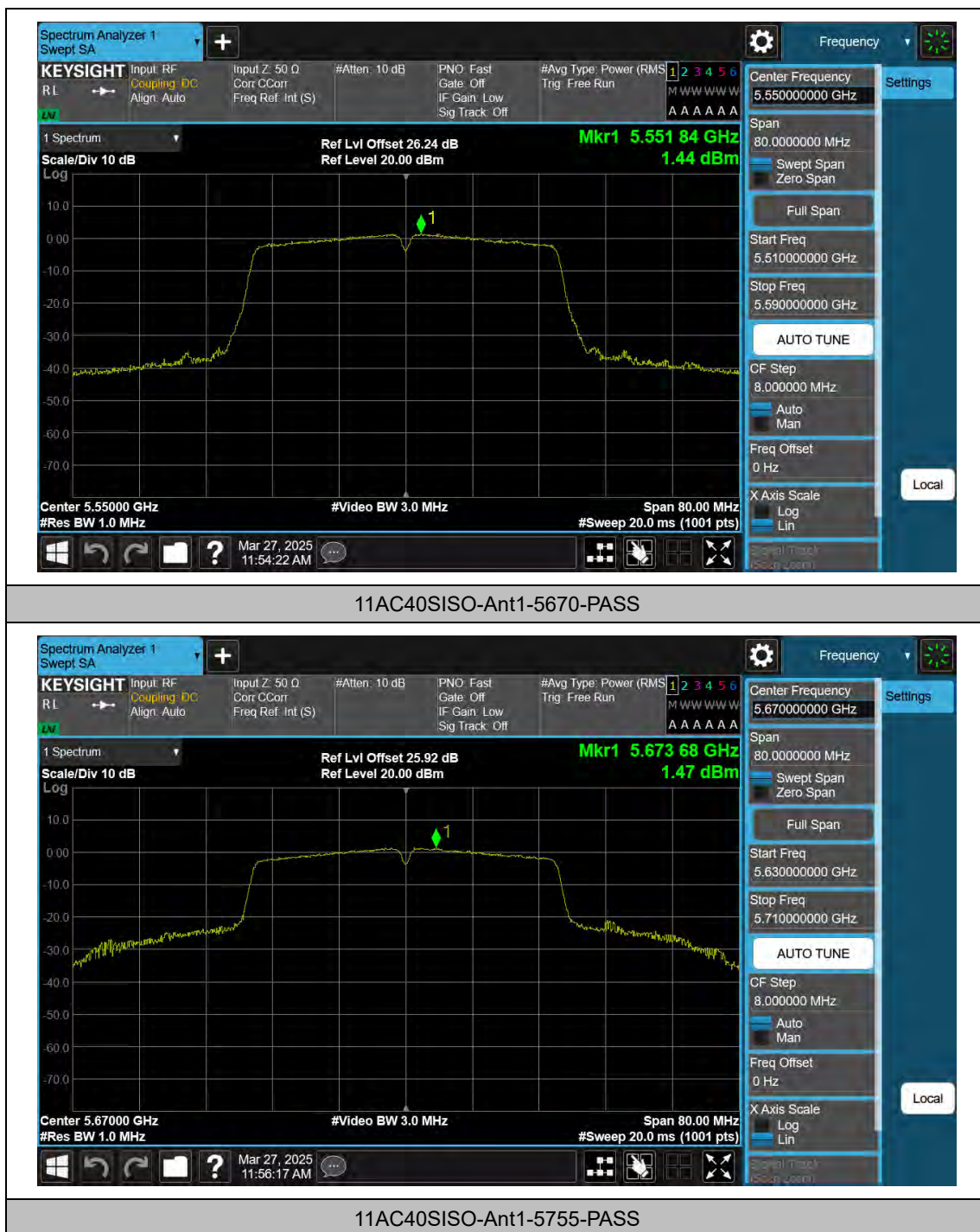


11AC40SISO-Ant1-5270-PASS



11AC40SISO-Ant1-5310-PASS







11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5290-PASS



11AC80SISO-Ant1-5530-PASS



11AC80SISO-Ant1-5610-PASS



11AC80SISO-Ant1-5775-PASS



Appendix E: Band edge measurements

Test Result B4

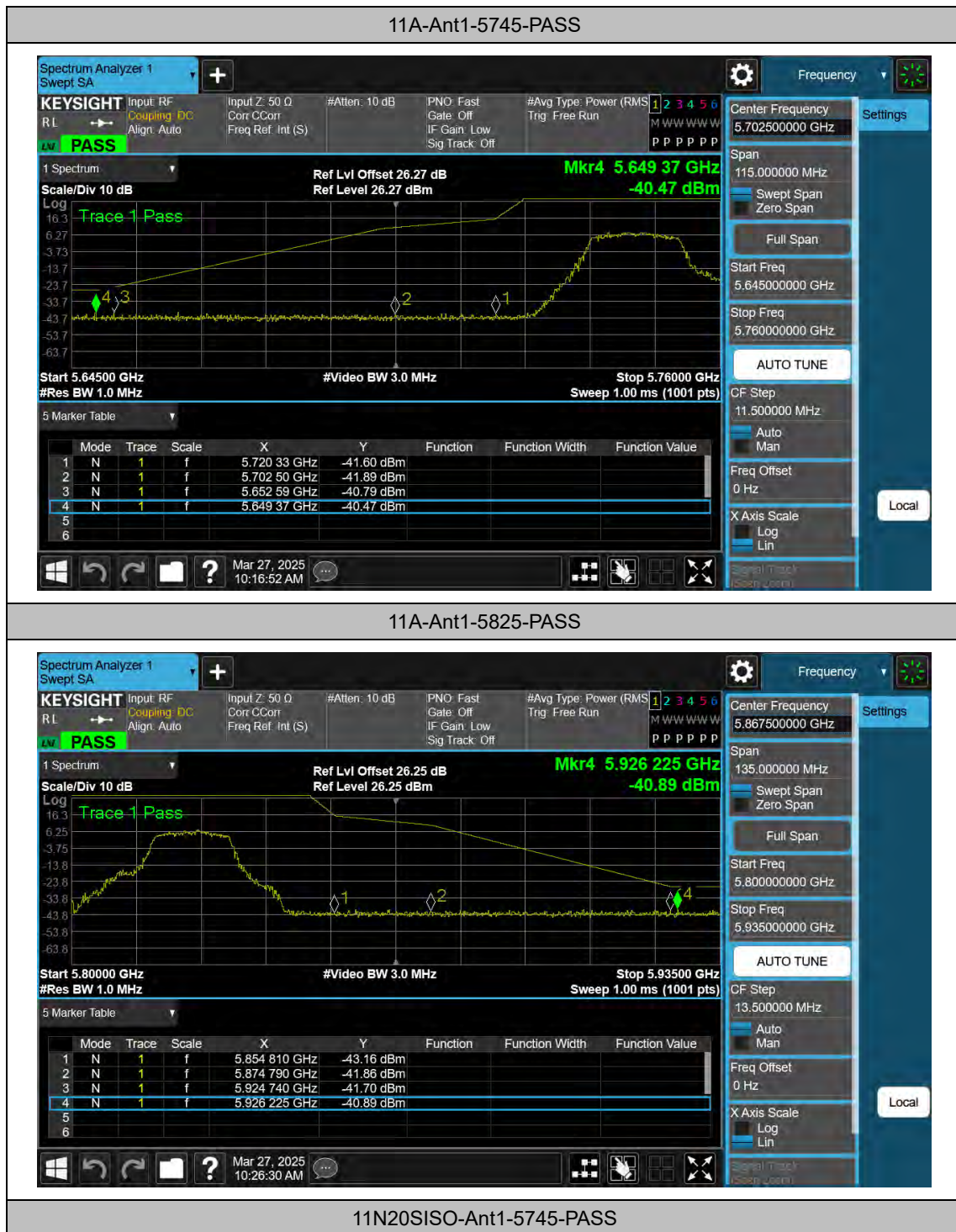
TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5720~5725	-41.6	≤16.34	PASS
11A	Ant1	Low	5745	5700~5720	-41.9	≤10.70	PASS
11A	Ant1	Low	5745	5650~5700	-40.79	≤-25.08	PASS
11A	Ant1	Low	5745	5760~5650	-40.47	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-43.16	≤16.03	PASS
11A	Ant1	High	5825	5855~5875	-41.86	≤10.06	PASS
11A	Ant1	High	5825	5875~5925	-41.7	≤-26.81	PASS
11A	Ant1	High	5825	5925~5935	-40.89	≤-27	PASS
11N20SIS O	Ant1	Low	5745	5720~5725	-43.03	≤16.08	PASS
11N20SIS O	Ant1	Low	5745	5700~5720	-40.59	≤10.31	PASS
11N20SIS O	Ant1	Low	5745	5650~5700	-42.58	≤-26.79	PASS
11N20SIS O	Ant1	Low	5745	5760~5650	-41.31	≤-27	PASS
11N20SIS O	Ant1	High	5825	5850~5855	-41.47	≤16.65	PASS
11N20SIS O	Ant1	High	5825	5855~5875	-41.56	≤10.59	PASS
11N20SIS O	Ant1	High	5825	5875~5925	-42.63	≤-26.71	PASS
11N20SIS O	Ant1	High	5825	5925~5935	-40.92	≤-27	PASS
11N40SIS O	Ant1	Low	5755	5720~5725	-41.15	≤15.74	PASS
11N40SIS O	Ant1	Low	5755	5700~5720	-41.9	≤10.93	PASS
11N40SIS O	Ant1	Low	5755	5650~5700	-42.15	≤-26.90	PASS
11N40SIS O	Ant1	Low	5755	5780~5650	-42.39	≤-27	PASS
11N40SIS O	Ant1	High	5795	5850~5855	-43.4	≤15.66	PASS
11N40SIS O	Ant1	High	5795	5855~5875	-41.92	≤10.11	PASS
11N40SIS O	Ant1	High	5795	5875~5925	-42.04	≤-25.98	PASS

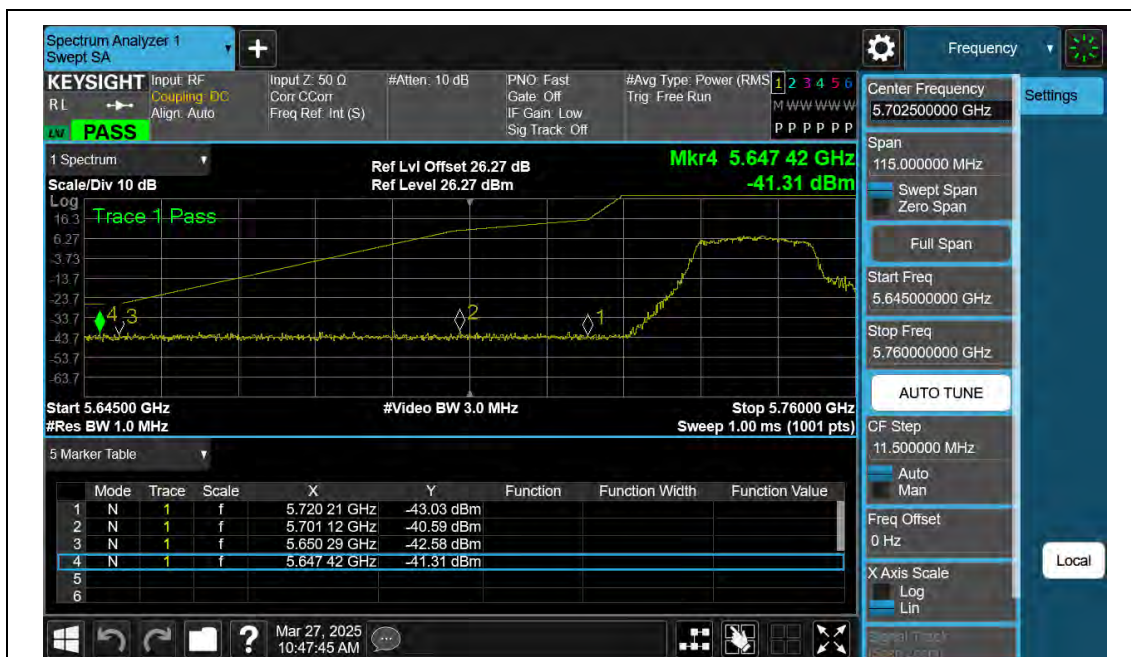
11N40SIS O	Ant1	High	5795	5925~5935	-41.19	≤-27	PASS
11AC20SI SO	Ant1	Low	5745	5720~5725	-42.3	≤15.82	PASS
11AC20SI SO	Ant1	Low	5745	5700~5720	-42.11	≤10.51	PASS
11AC20SI SO	Ant1	Low	5745	5650~5700	-43.2	≤-26.96	PASS
11AC20SI SO	Ant1	Low	5745	5760~5650	-42.02	≤-27	PASS
11AC20SI SO	Ant1	High	5825	5850~5855	-42.63	≤16.34	PASS
11AC20SI SO	Ant1	High	5825	5855~5875	-42.43	≤10.06	PASS
11AC20SI SO	Ant1	High	5825	5875~5925	-41.35	≤-26.51	PASS
11AC20SI SO	Ant1	High	5825	5925~5935	-40.8	≤-27	PASS
11AC40SI SO	Ant1	Low	5755	5720~5725	-41.86	≤16.35	PASS
11AC40SI SO	Ant1	Low	5755	5700~5720	-41.44	≤10.02	PASS
11AC40SI SO	Ant1	Low	5755	5650~5700	-42.66	≤-26.80	PASS
11AC40SI SO	Ant1	Low	5755	5780~5650	-42.18	≤-27	PASS
11AC40SI SO	Ant1	High	5795	5850~5855	-43.06	≤15.66	PASS
11AC40SI SO	Ant1	High	5795	5855~5875	-41.97	≤10.80	PASS
11AC40SI SO	Ant1	High	5795	5875~5925	-42.18	≤-26.59	PASS
11AC40SI SO	Ant1	High	5795	5925~5935	-40.5	≤-27	PASS
11AC80SI SO	Ant1	Low	5775	5720~5725	-42.88	≤16.00	PASS
11AC80SI SO	Ant1	Low	5775	5700~5720	-41.5	≤11.01	PASS
11AC80SI SO	Ant1	Low	5775	5650~5700	-41.91	≤-26.00	PASS
11AC80SI SO	Ant1	Low	5775	5800~5650	-41.71	≤-27	PASS
11AC80SI SO	Ant1	High	5775	5850~5855	-41.86	≤16.26	PASS



11AC80SI SO	Ant1	High	5775	5855~5875	-40.51	≤ 10.35	PASS
11AC80SI SO	Ant1	High	5775	5875~5925	-41.89	≤ -26.87	PASS
11AC80SI SO	Ant1	High	5775	5925~5935	-41.23	≤ -27	PASS

Test Graphs B4





11N20SISO-Ant1-5825-PASS



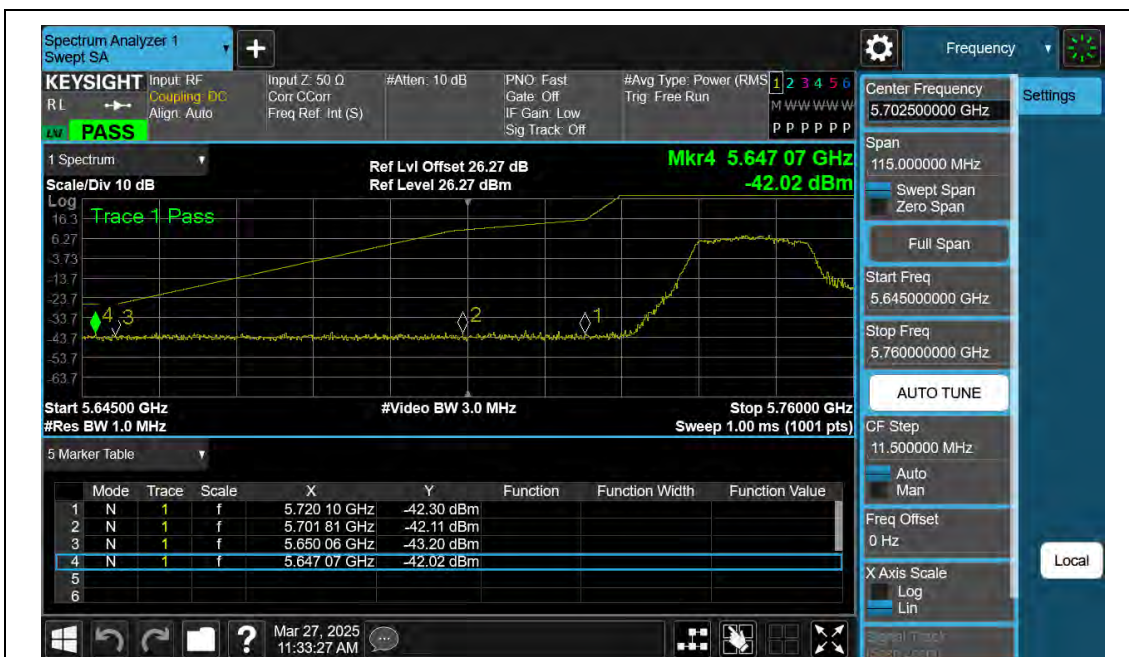
11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5825-PASS



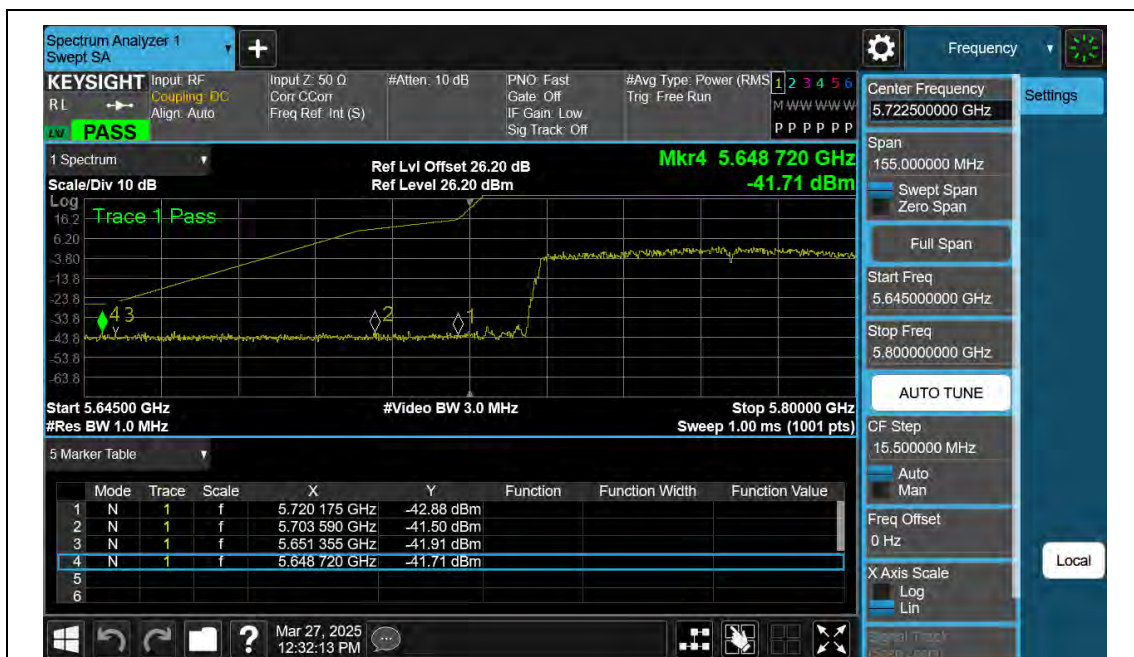
11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS



11AC80SISO-Ant1-5775-PASS



Appendix G: Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5500	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5500	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-10	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	10	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	0	0.00	0.000000	20	PASS



11A	Ant1	5500	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	40	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	-20	20000.00	3.481288	20	PASS
11A	Ant1	5745	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	50	0.00	0.000000	20	PASS