

Case No. : <u>GTS20250922004-2-12</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.1.17-2026.4.14</u> Test Engineer: <u>Evan ouyang</u>

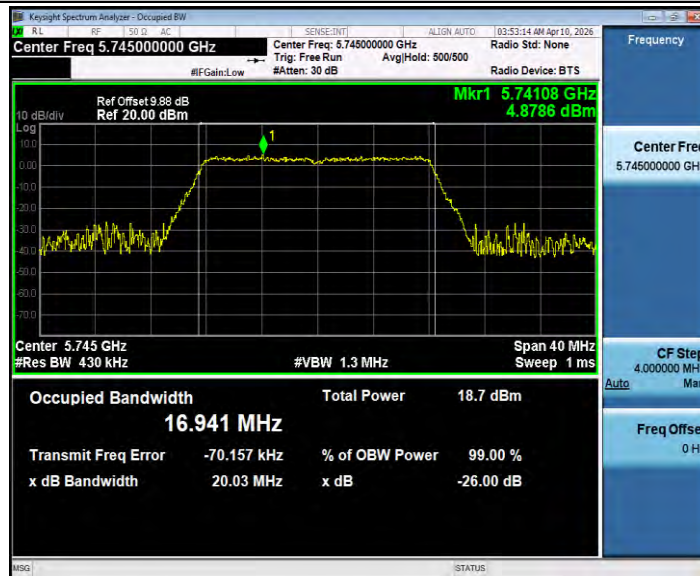
Appendix E.1: Occupied channel bandwidth

Test Result

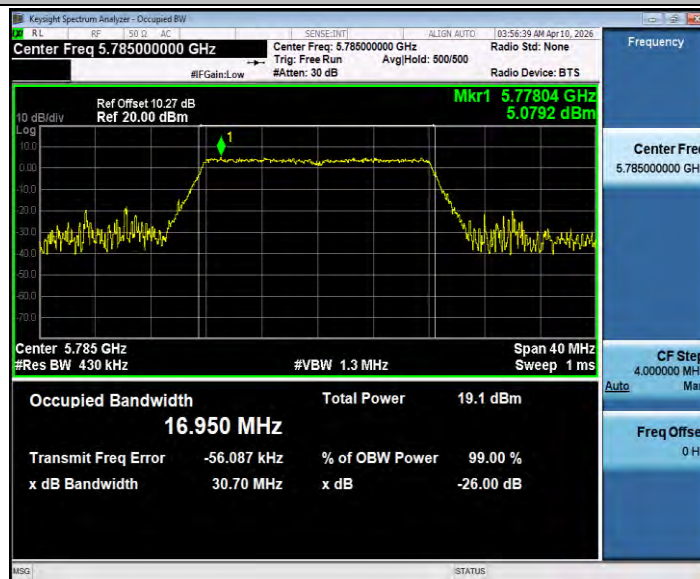
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.941	5736.4593	5753.4003	---	---
		5785	16.950	5776.4689	5793.4189	---	---
		5825	16.904	5816.5140	5833.4180	---	---
11N20SISO	Ant1	5745	17.810	5736.0398	5753.8498	---	---
		5785	17.827	5776.0201	5793.8471	---	---
		5825	17.818	5816.0421	5833.8601	---	---
11N40SISO	Ant1	5755	36.987	5736.2861	5773.2731	---	---
		5795	36.678	5776.6107	5813.2887	---	---
11AC20SISO	Ant1	5745	17.813	5736.0455	5753.8585	---	---
		5785	17.849	5776.0223	5793.8713	---	---
		5825	17.788	5816.0592	5833.8472	---	---
11AC40SISO	Ant1	5755	36.966	5736.3505	5773.3165	---	---
		5795	36.751	5776.5920	5813.3430	---	---
11AX20SISO	Ant1	5745	18.784	5735.5675	5754.3515	---	---
		5785	18.770	5775.5621	5794.3321	---	---
		5825	18.722	5815.5770	5834.2990	---	---
11AX40SISO	Ant1	5755	37.728	5736.0023	5773.7303	---	---
		5795	37.556	5776.1843	5813.7403	---	---

Test Graphs

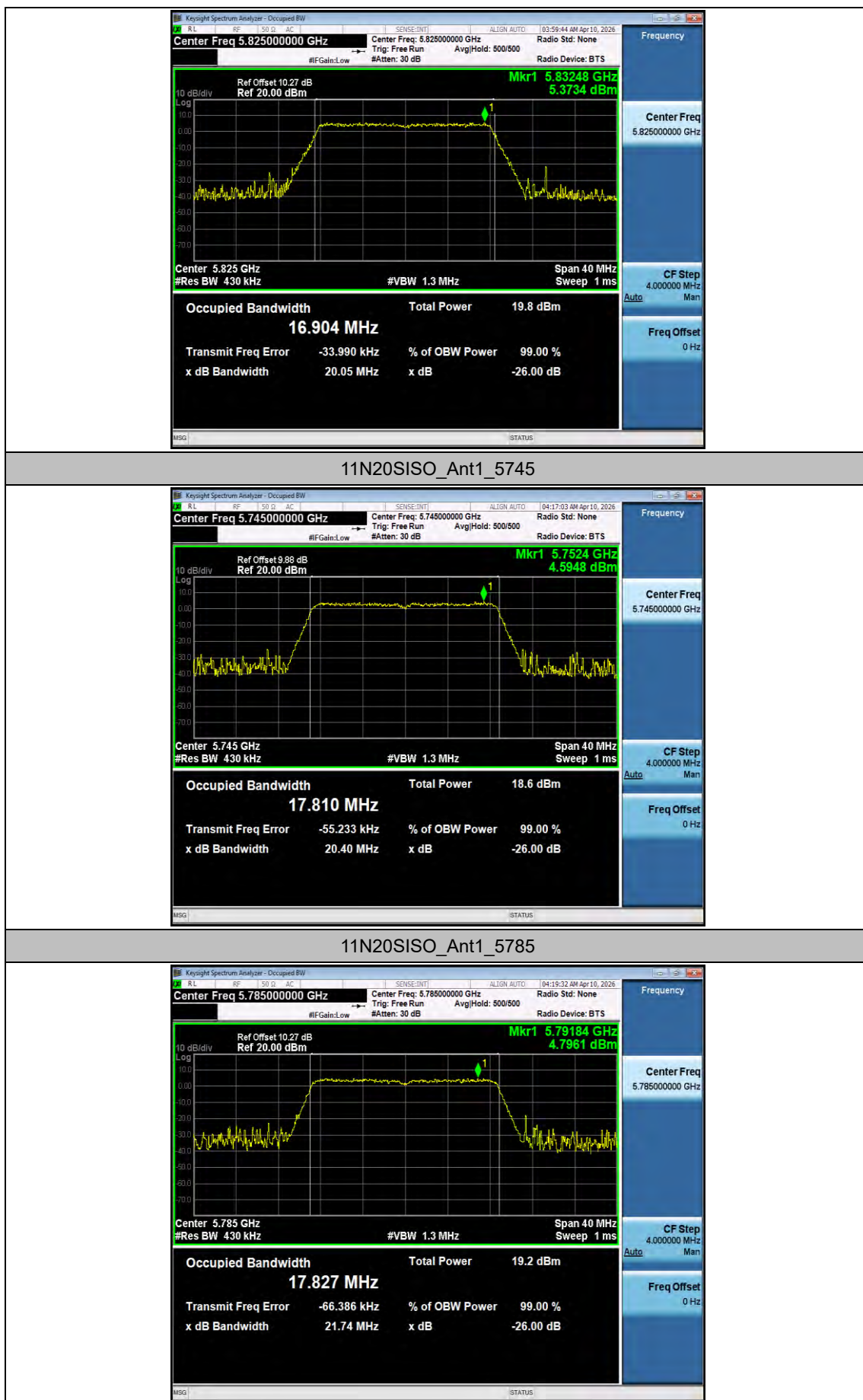
11A_Ant1_5745



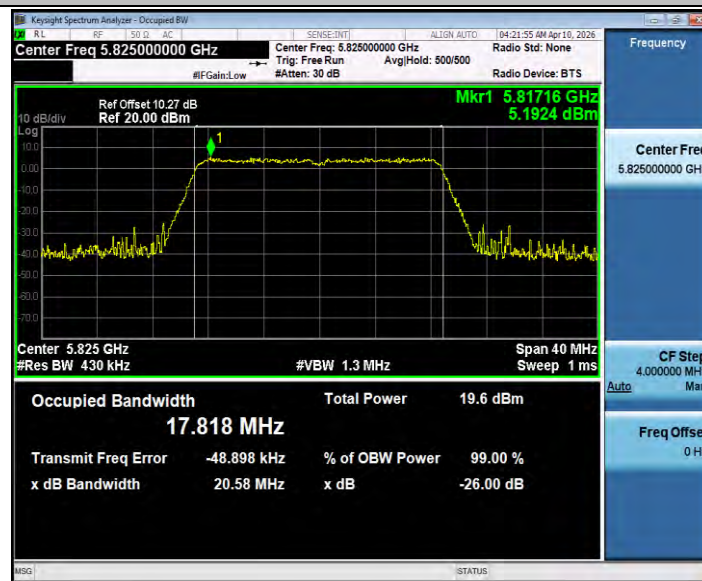
11A_Ant1_5785



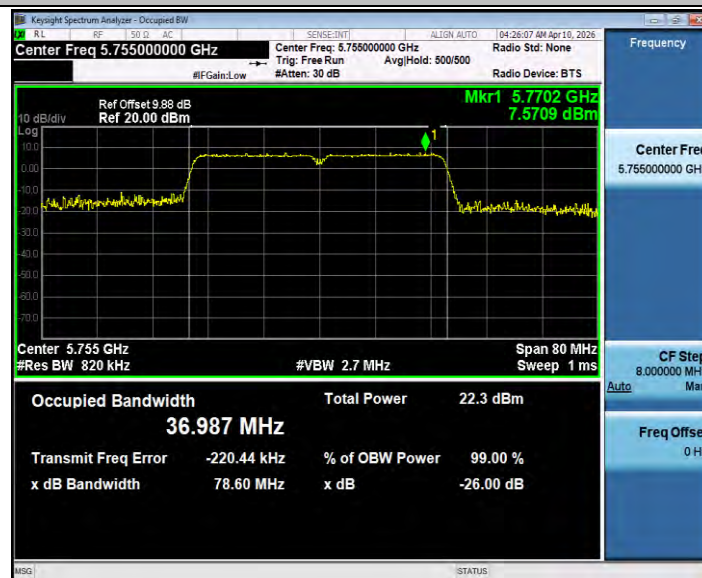
11A_Ant1_5825



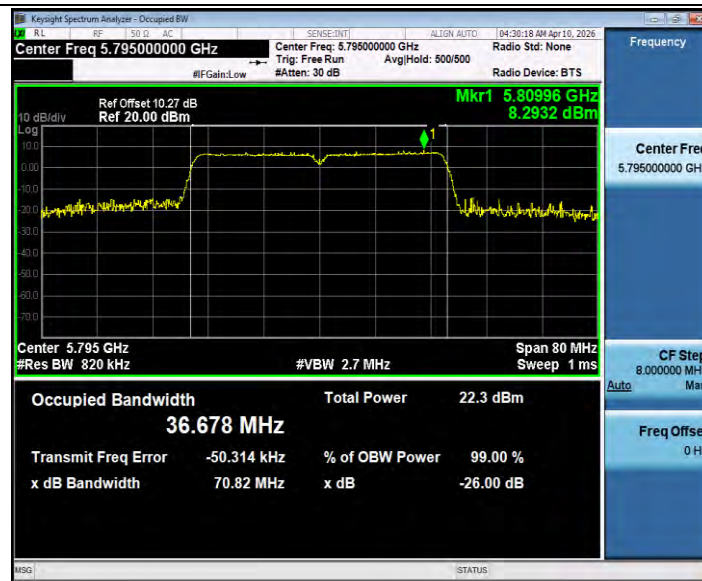
11N20SISO_Ant1_5825



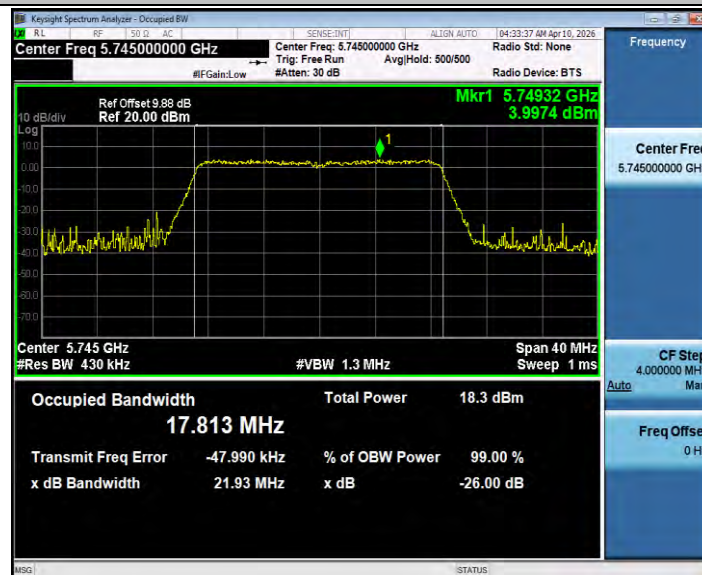
11N40SISO_Ant1_5755



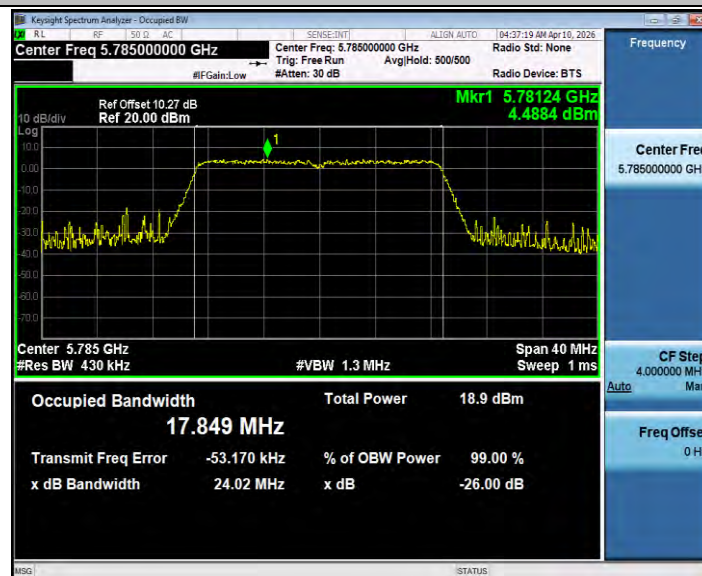
11N40SISO_Ant1_5795



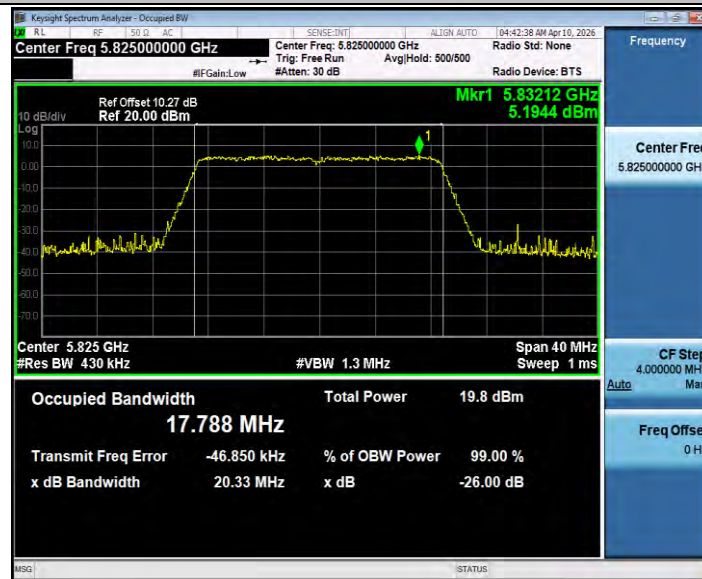
11AC20SISO_Ant1_5745



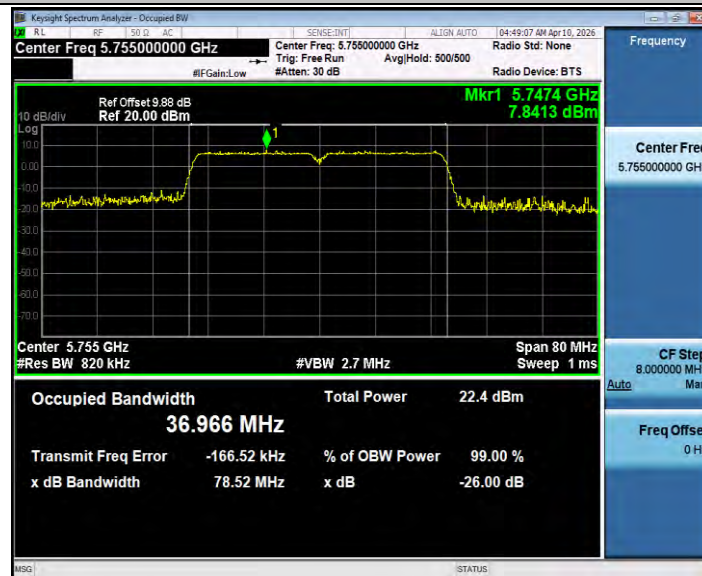
11AC20SISO_Ant1_5785



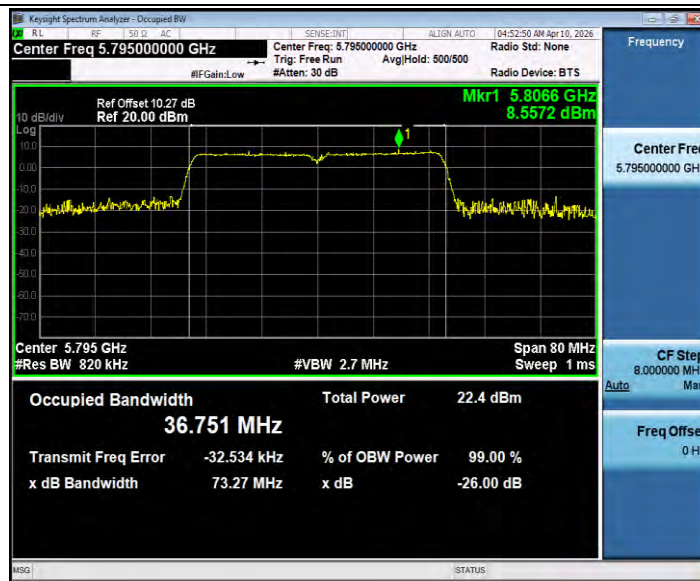
11AC20SISO_Ant1_5825



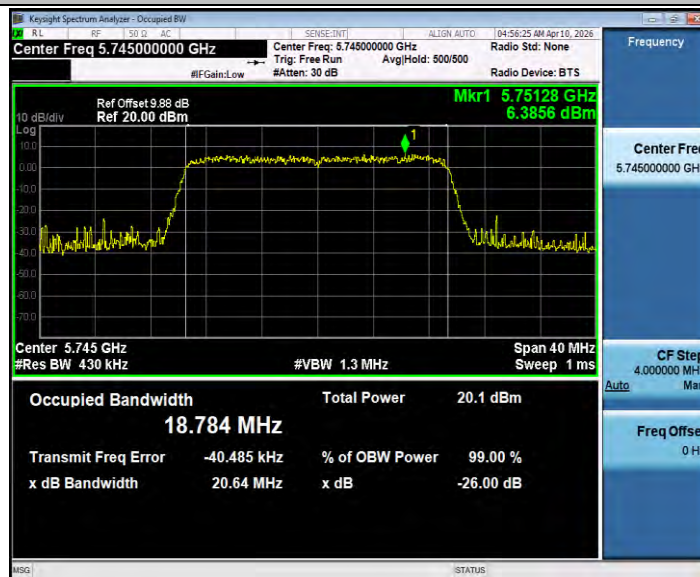
11AC40SISO_Ant1_5755



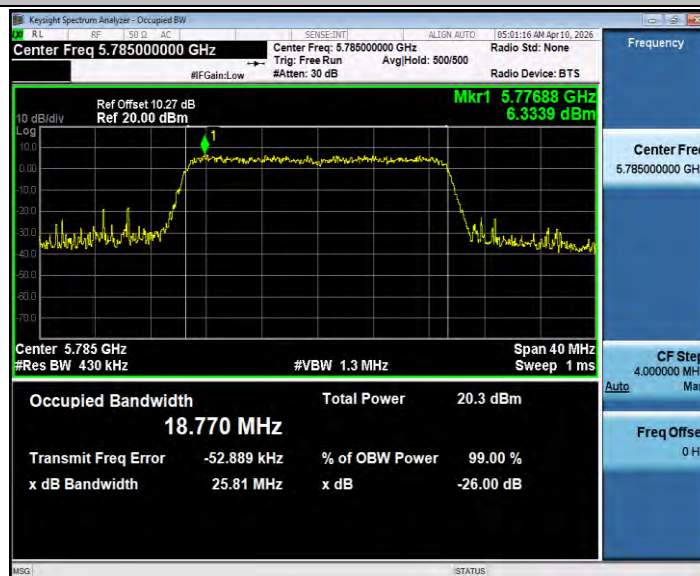
11AC40SISO_Ant1_5795



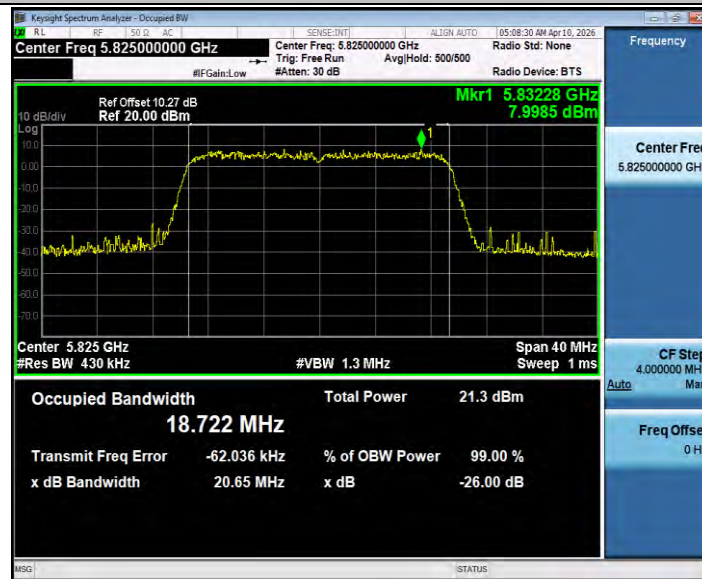
11AX20SISO_Ant1_5745



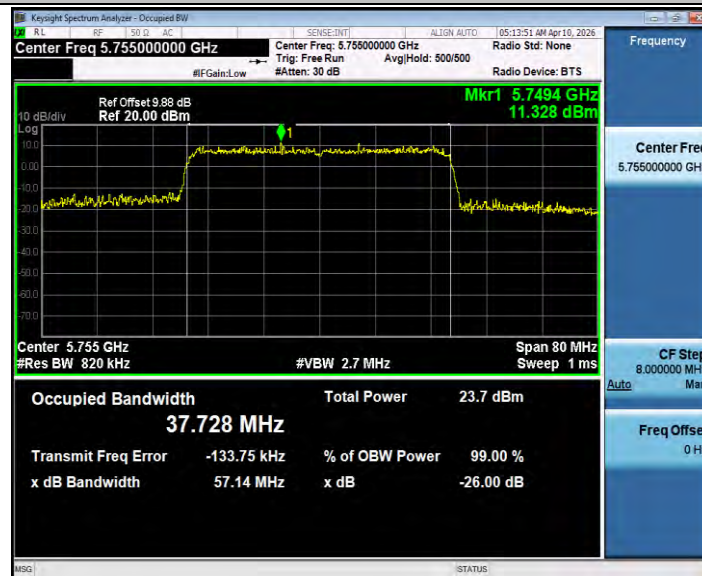
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

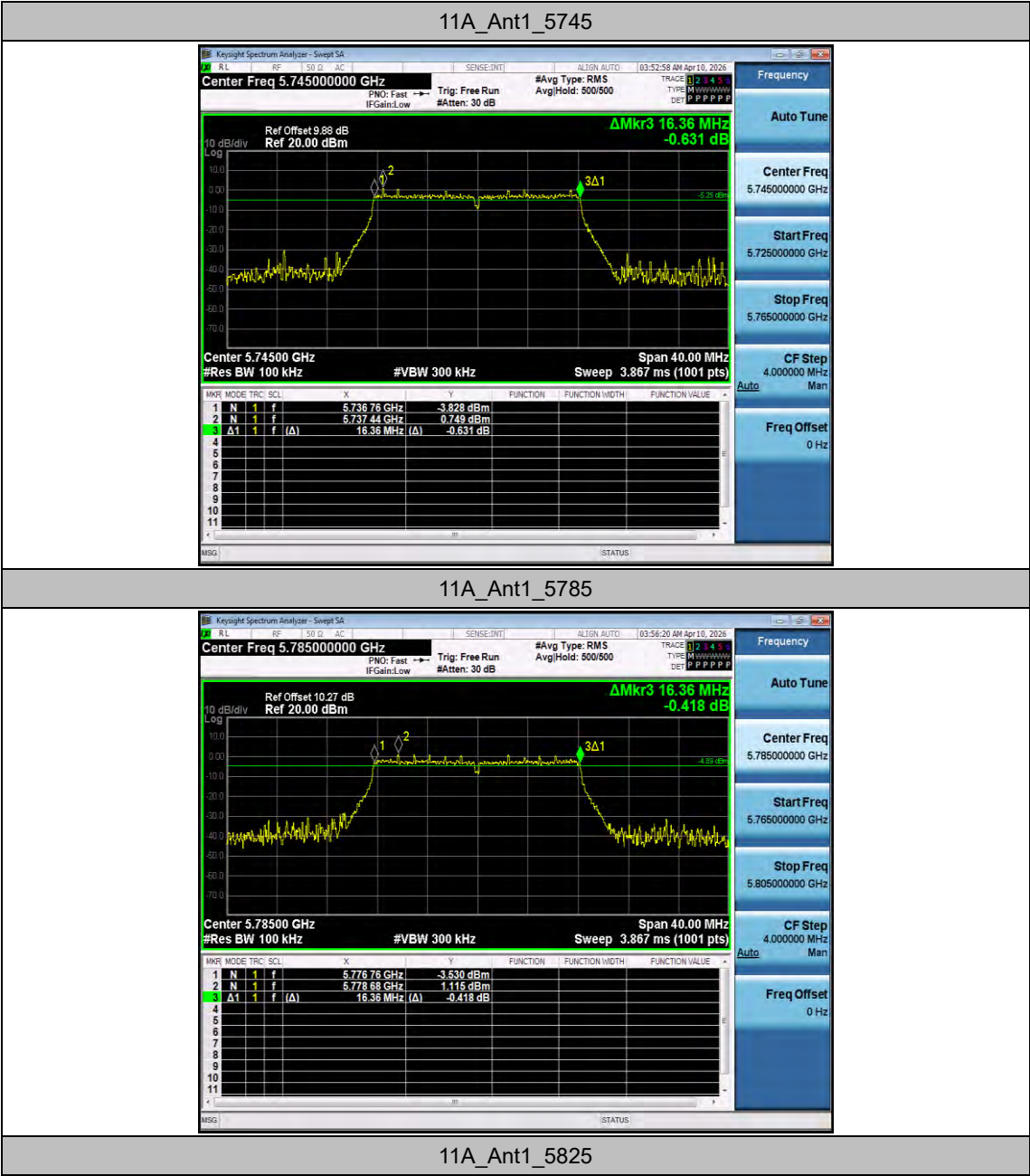


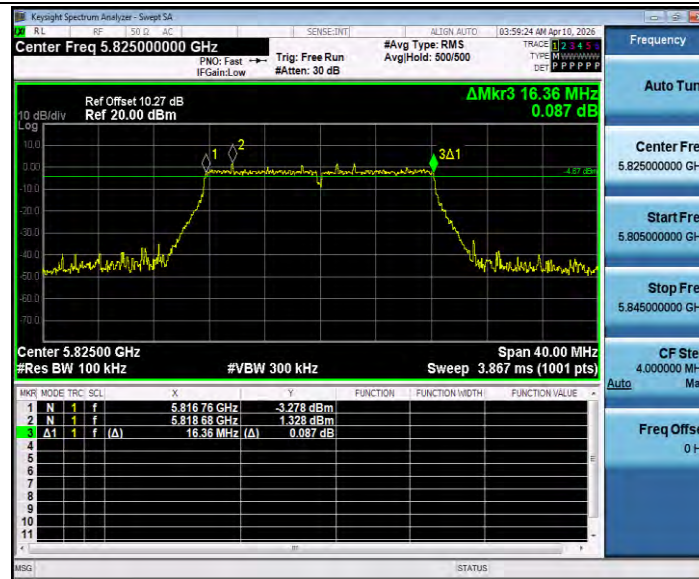
Appendix E.2: Min emission bandwidth

Test Result B4

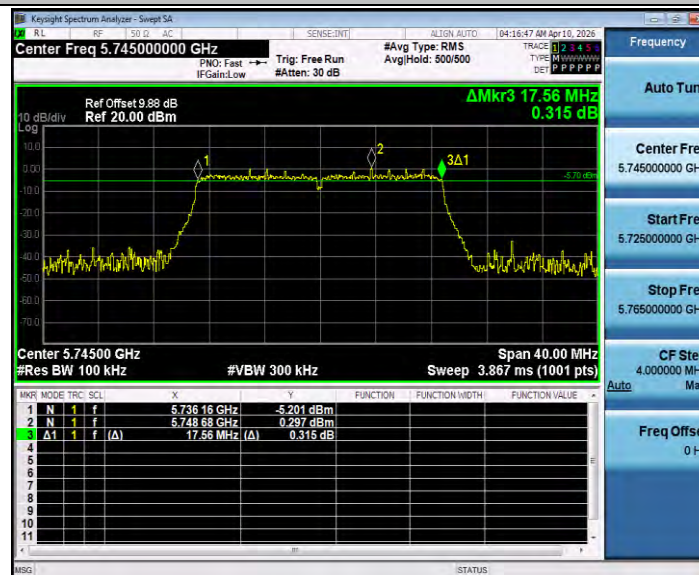
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.760	5753.120	0.5	PASS
		5785	16.360	5776.760	5793.120	0.5	PASS
		5825	16.360	5816.760	5833.120	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.160	5753.720	0.5	PASS
		5785	17.560	5776.160	5793.720	0.5	PASS
		5825	17.560	5816.160	5833.720	0.5	PASS
11N40SISO	Ant1	5755	35.760	5737.080	5772.840	0.5	PASS
		5795	35.760	5777.080	5812.840	0.5	PASS
11AC20SISO	Ant1	5745	17.560	5736.160	5753.720	0.5	PASS
		5785	17.560	5776.160	5793.720	0.5	PASS
		5825	17.560	5816.160	5833.720	0.5	PASS
11AC40SISO	Ant1	5755	35.840	5737.000	5772.840	0.5	PASS
		5795	36.000	5777.080	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	18.400	5735.760	5754.160	0.5	PASS
		5785	18.640	5775.600	5794.240	0.5	PASS
		5825	18.280	5815.800	5834.080	0.5	PASS
11AX40SISO	Ant1	5755	36.880	5736.360	5773.240	0.5	PASS
		5795	37.120	5776.440	5813.560	0.5	PASS

Test Graphs B4

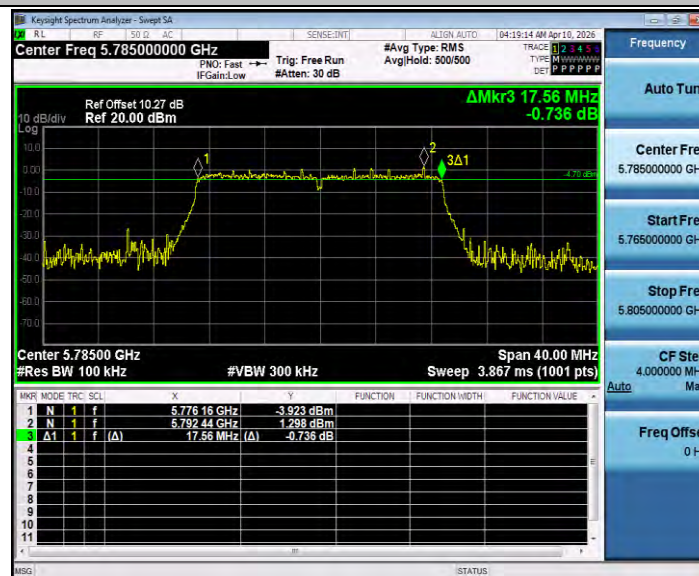




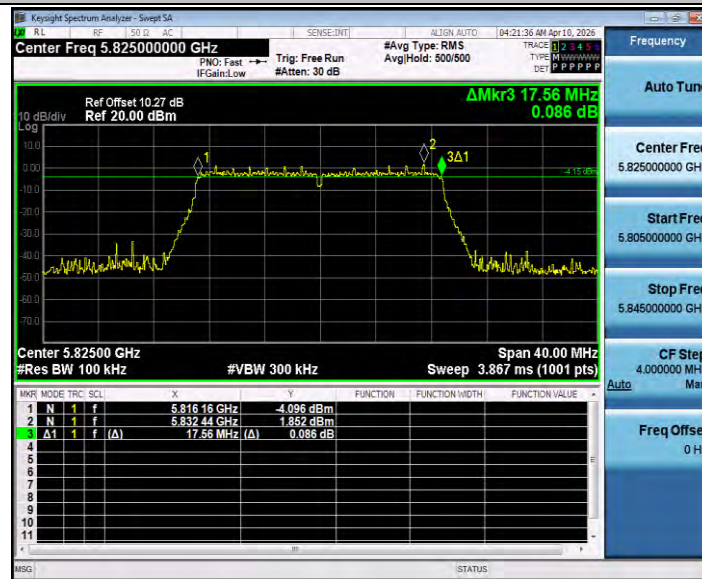
11N20SISO_Ant1_5745



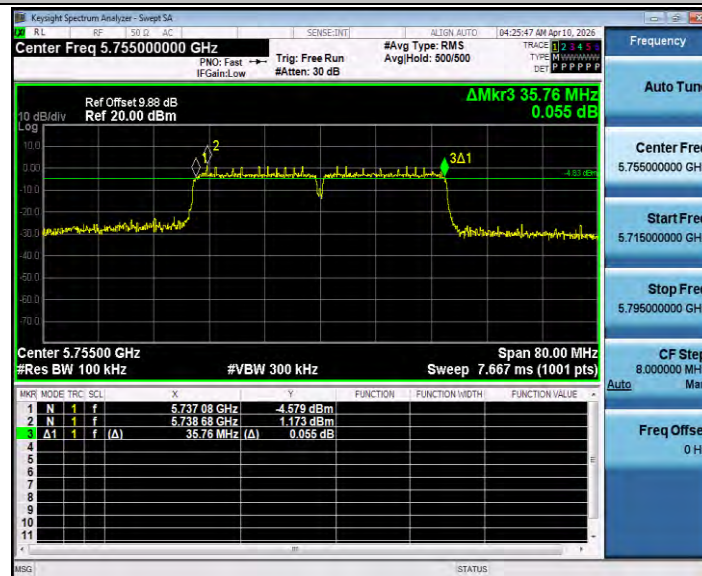
11N20SISO_Ant1_5785



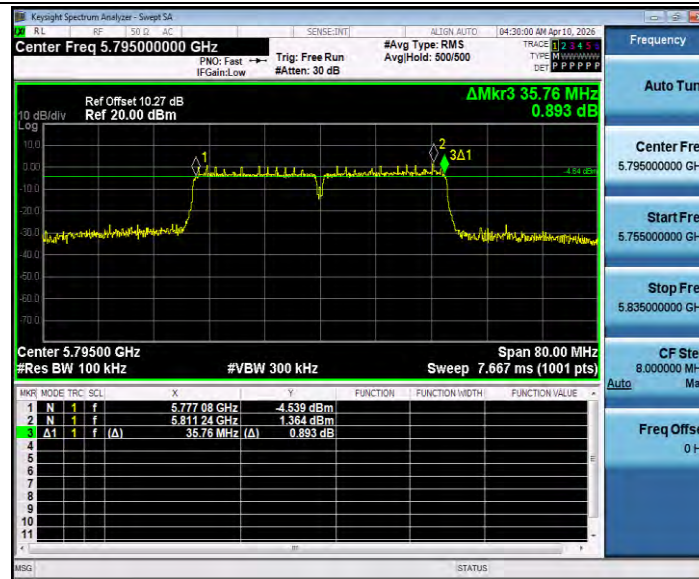
11N20SISO_Ant1_5825



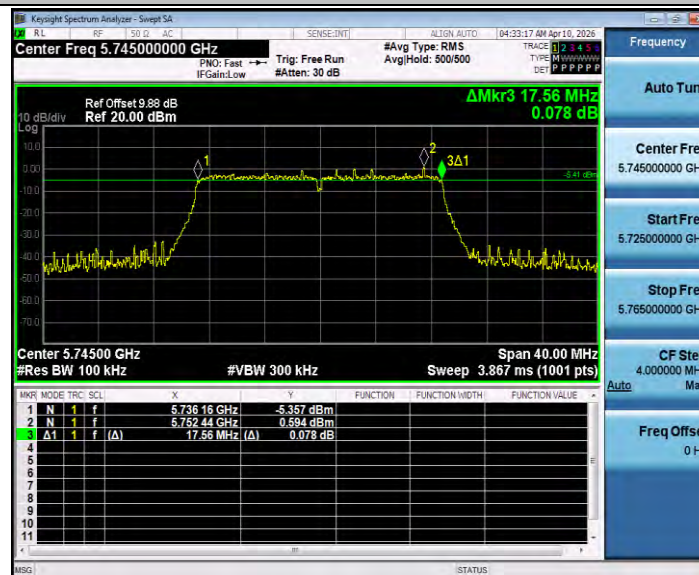
11N40SISO_Ant1_5755



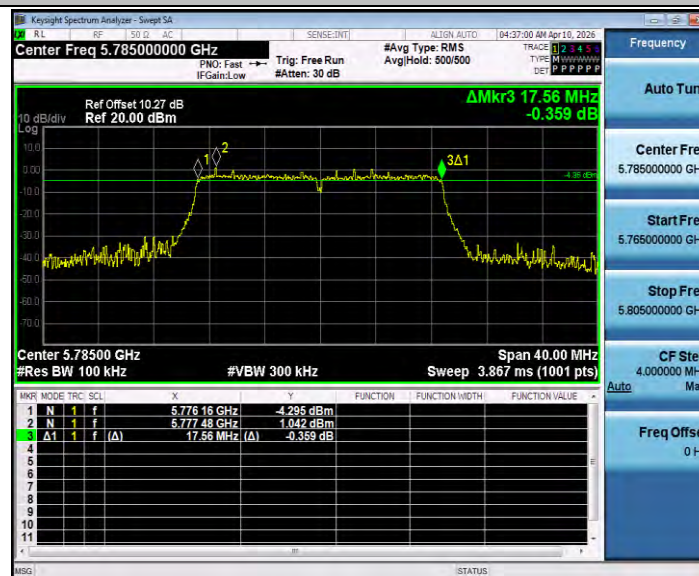
11N40SISO_Ant1_5795



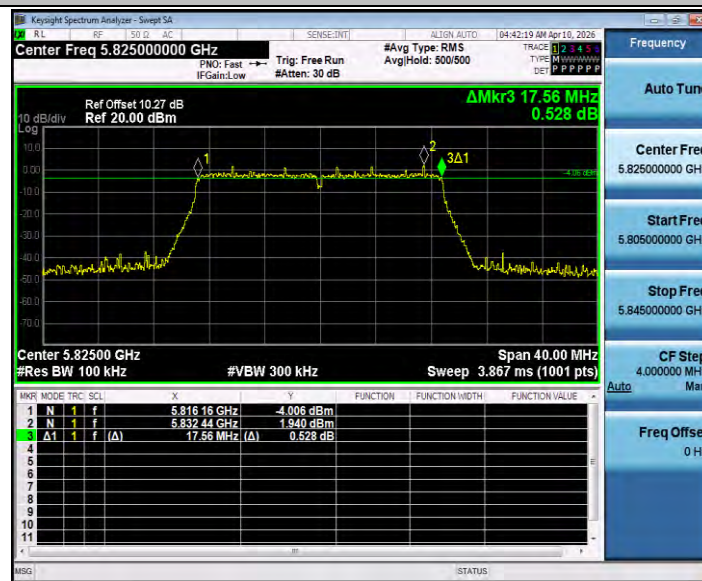
11AC20SISO_Ant1_5745



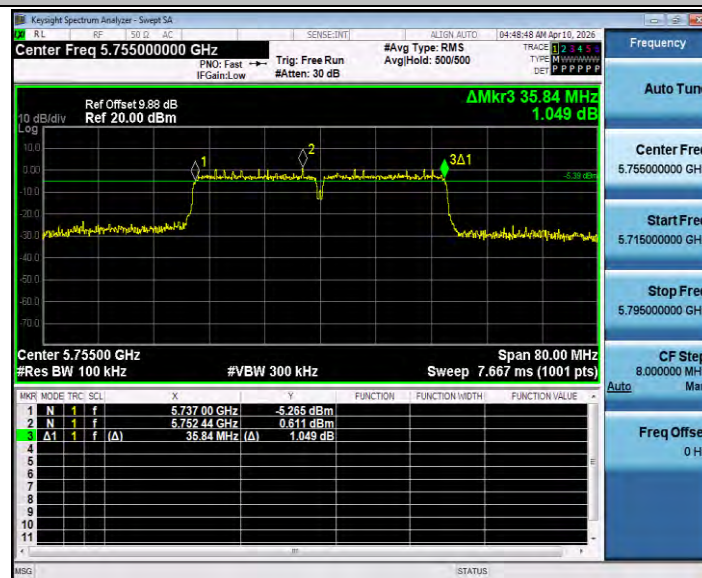
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



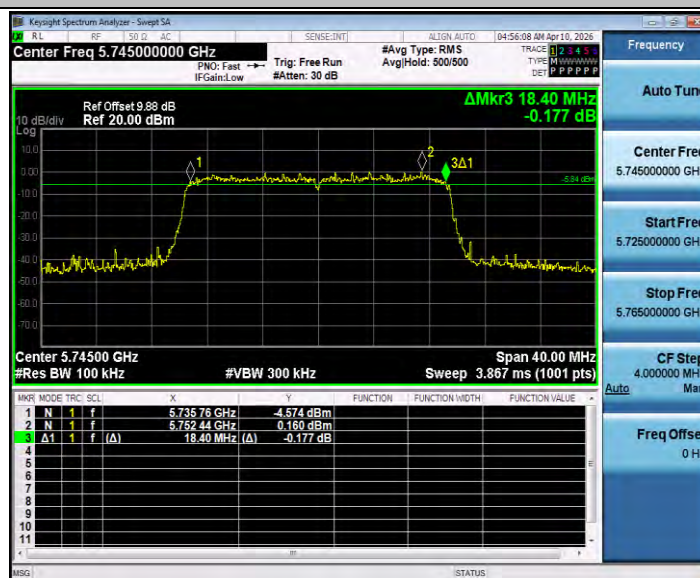
11AC40SISO_Ant1_5755



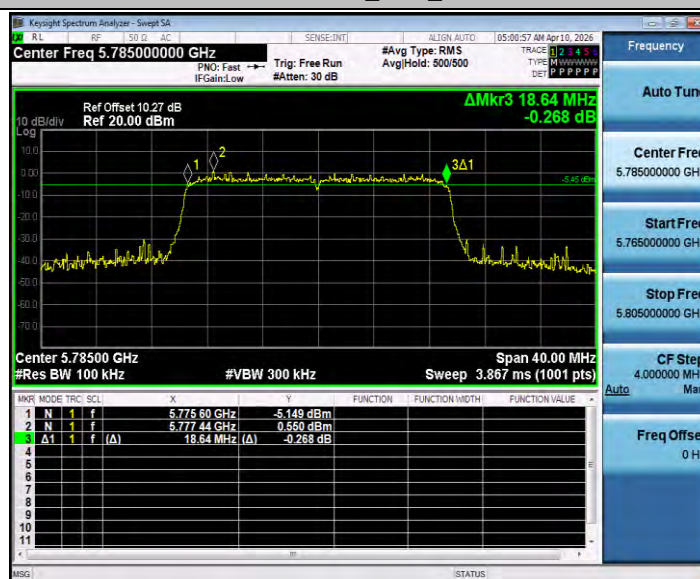
11AC40SISO_Ant1_5795



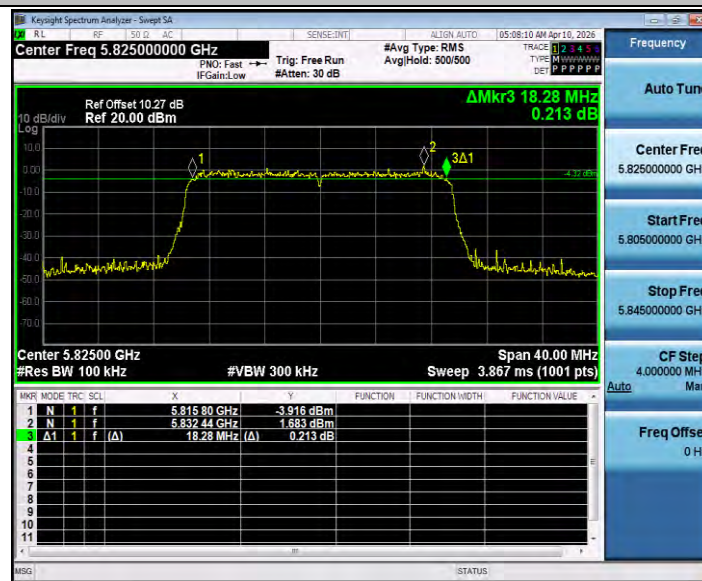
11AX20SISO_Ant1_5745



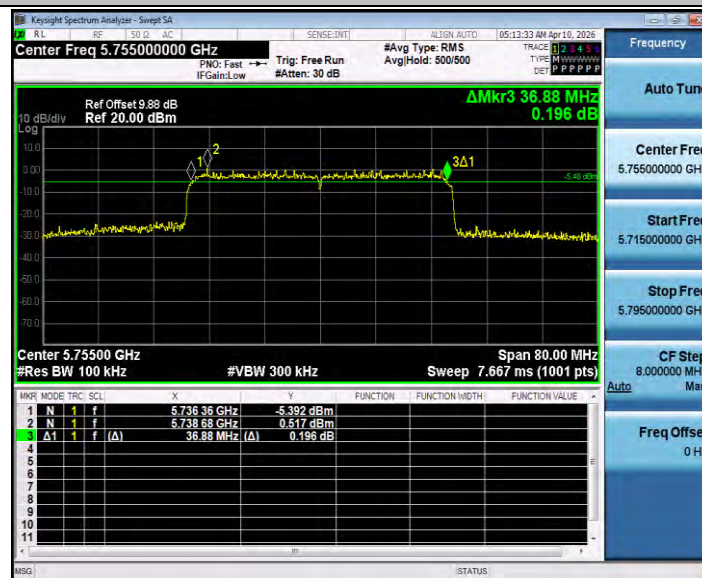
11AX20SISO_Ant1_5785



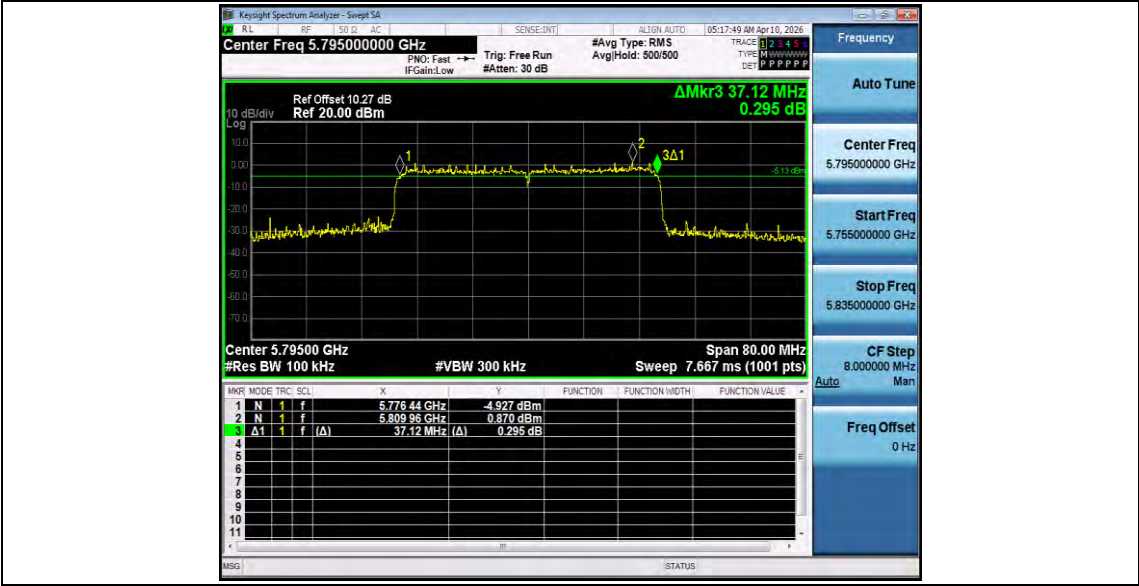
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

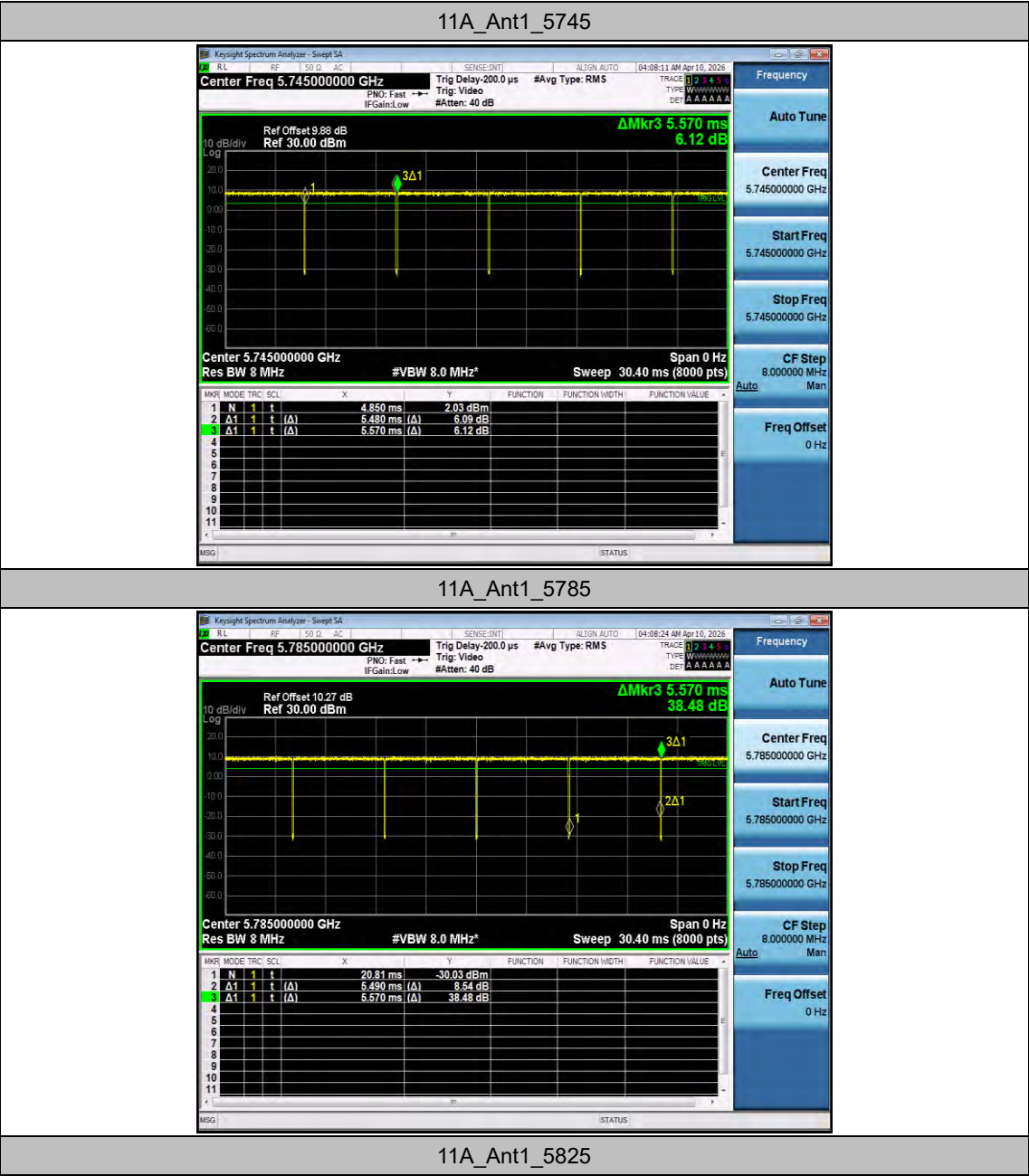


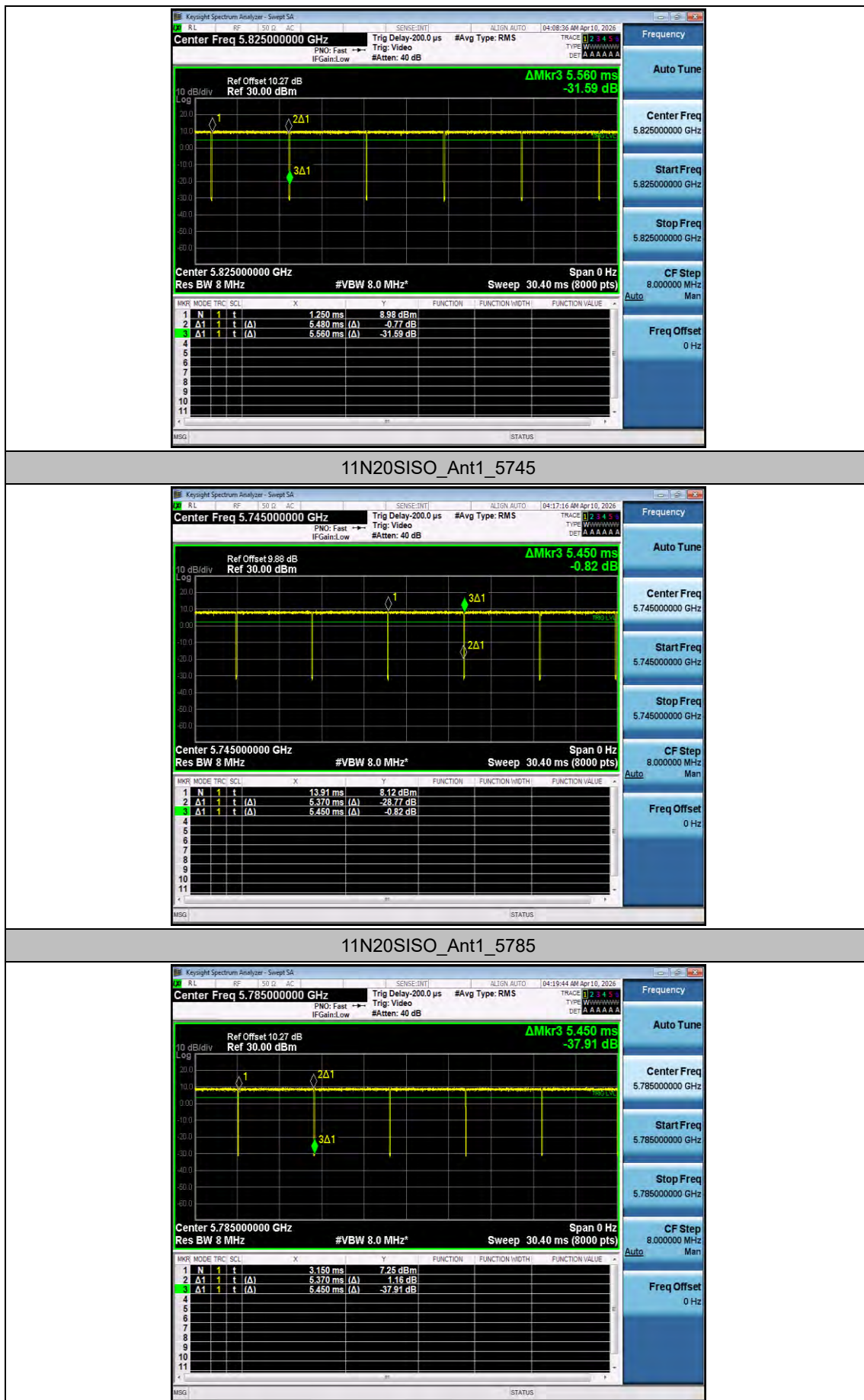
Appendix E.3: Duty Cycle

Test Result

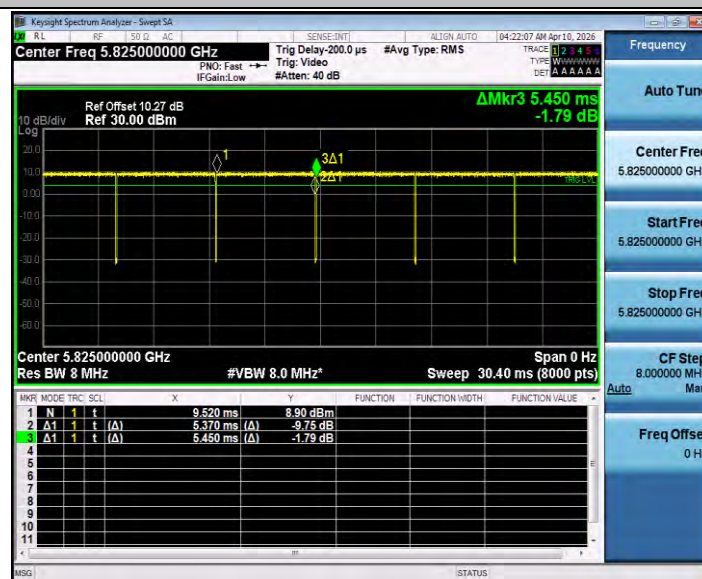
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	5.48	5.57	98.38	0.07	0.18
		5785	5.49	5.57	98.56	0.06	0.18
		5825	5.48	5.56	98.56	0.06	0.18
11N20SISO	Ant1	5745	5.37	5.45	98.53	0.06	0.19
		5785	5.37	5.45	98.53	0.06	0.19
		5825	5.37	5.45	98.53	0.06	0.19
11N40SISO	Ant1	5755	3.02	3.10	97.42	0.11	0.33
		5795	3.02	3.11	97.11	0.13	0.33
11AC20SISO	Ant1	5745	5.39	5.47	98.54	0.06	0.19
		5785	5.38	5.47	98.35	0.07	0.19
		5825	5.38	5.46	98.53	0.06	0.19
11AC40SISO	Ant1	5755	5.16	5.23	98.66	0.06	0.19
		5795	5.16	5.24	98.47	0.07	0.19
11AX20SISO	Ant1	5745	4.65	4.73	98.31	0.07	0.22
		5785	4.64	4.72	98.31	0.07	0.22
		5825	4.64	4.73	98.10	0.08	0.22
11AX40SISO	Ant1	5755	4.63	4.72	98.09	0.08	0.22
		5795	4.64	4.72	98.31	0.07	0.22

Test Graphs

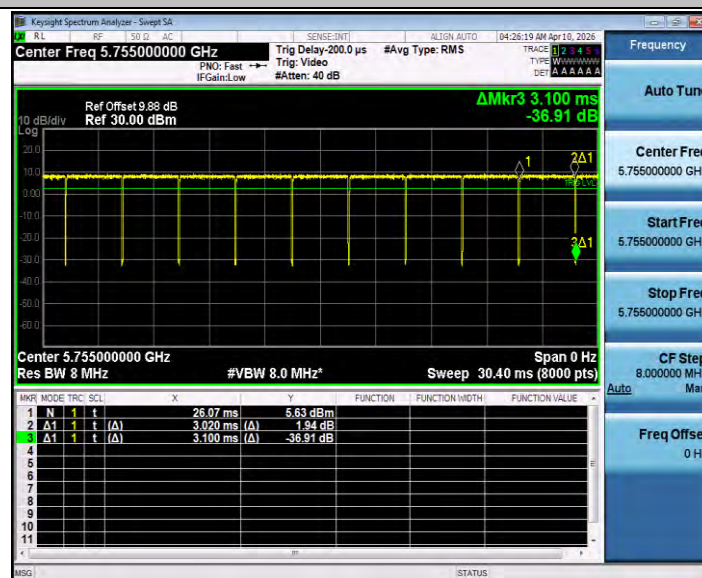




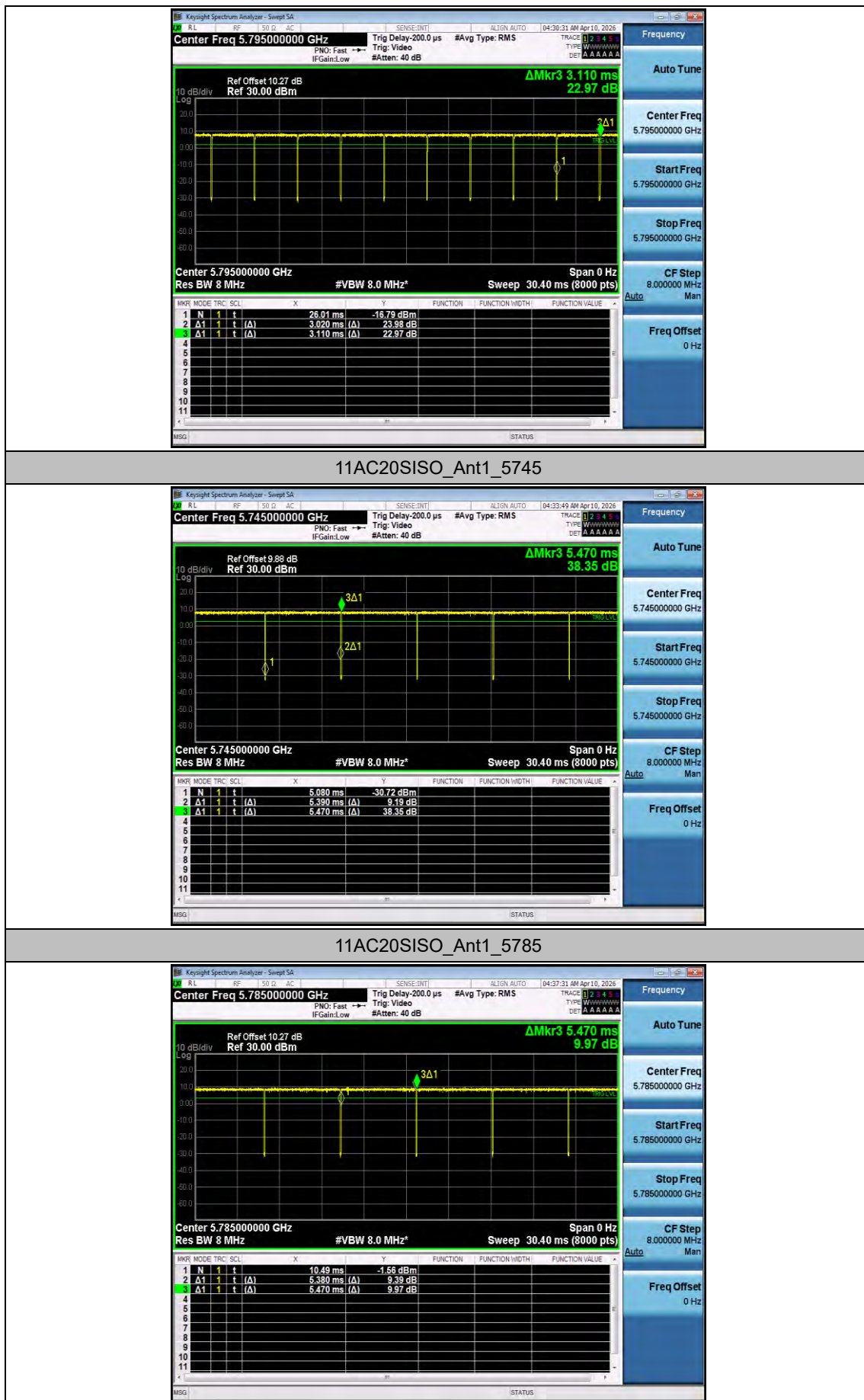
11N20SISO_Ant1_5825

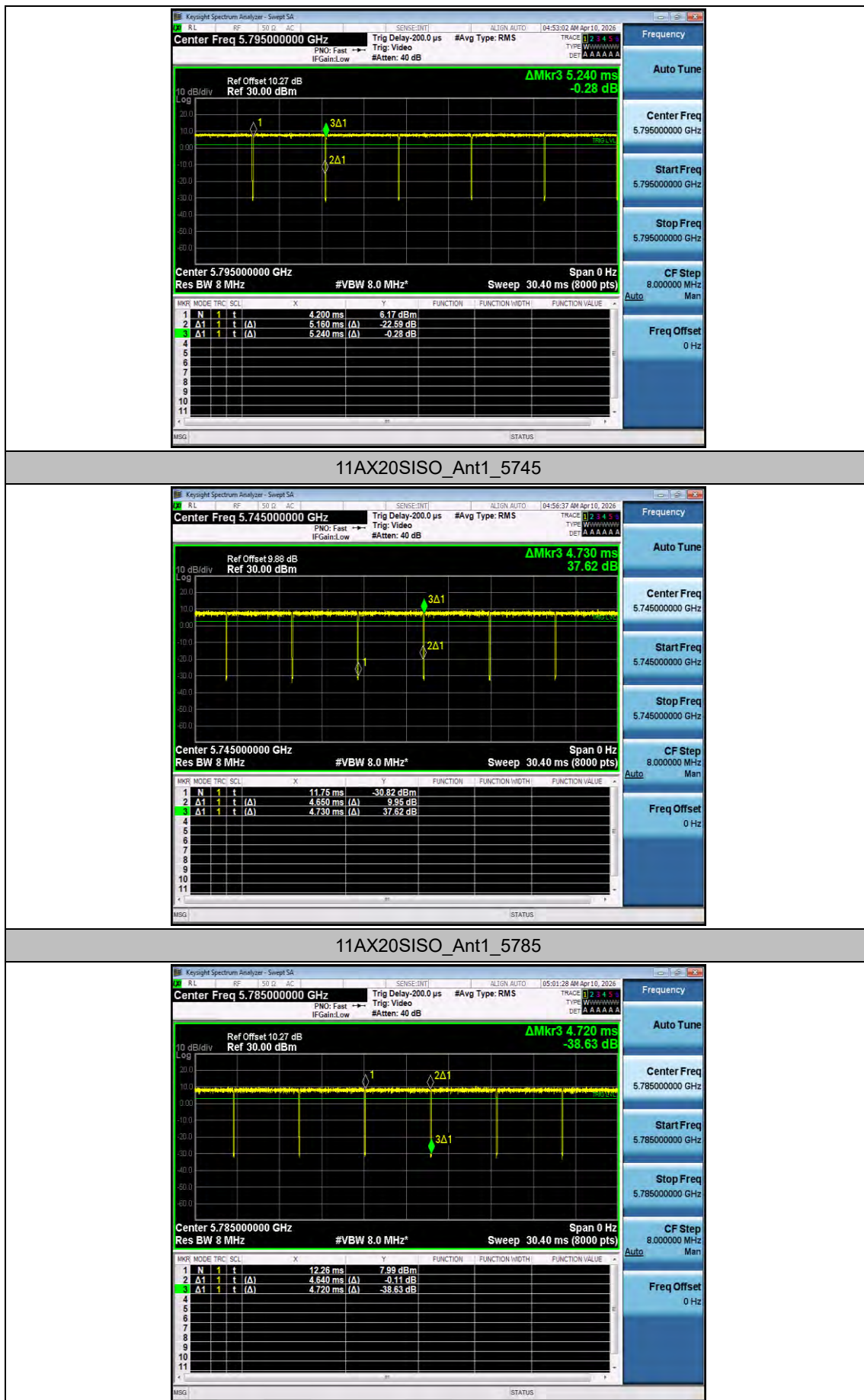


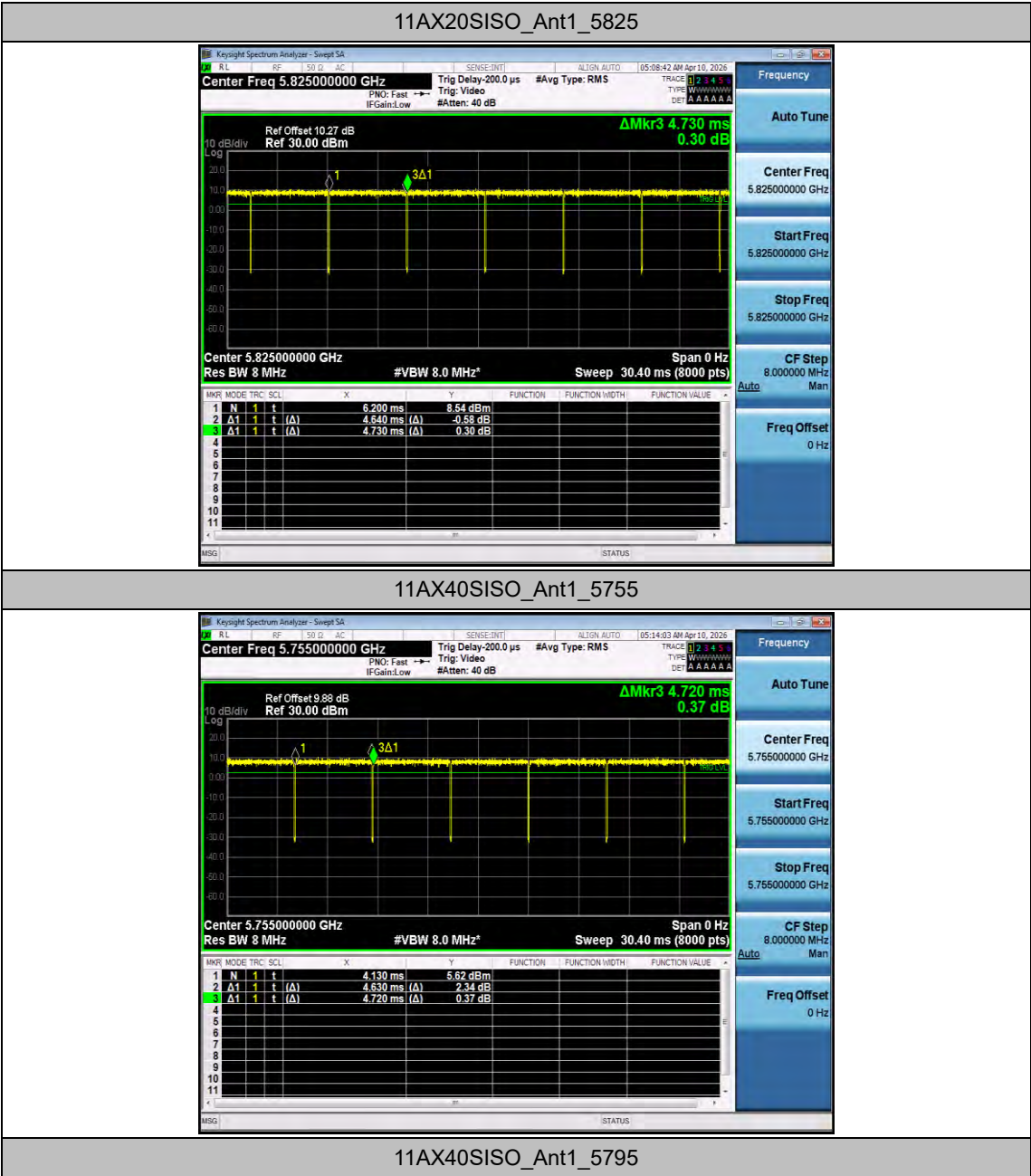
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795







Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	11.84	98.56	0.06	11.90	≤30.00	PASS
		5785	12.33	98.56	0.06	12.39	≤30.00	PASS
		5825	12.97	98.74	0.06	13.03	≤30.00	PASS
11N20SI SO	Ant1	5745	11.74	98.53	0.06	11.80	≤30.00	PASS
		5785	12.36	98.53	0.06	12.42	≤30.00	PASS
		5825	12.87	98.53	0.06	12.93	≤30.00	PASS
11N40SI SO	Ant1	5755	14.83	97.42	0.11	14.94	≤30.00	PASS
		5795	14.96	97.11	0.13	15.09	≤30.00	PASS
11AC20S ISO	Ant1	5745	11.57	98.54	0.06	11.63	≤30.00	PASS
		5785	12.14	98.35	0.07	12.21	≤30.00	PASS
		5825	12.98	98.53	0.06	13.04	≤30.00	PASS
11AC40S ISO	Ant1	5755	14.94	98.66	0.06	15.00	≤30.00	PASS
		5795	15.09	98.47	0.07	15.16	≤30.00	PASS
11AX20SI SO	Ant1	5745	11.63	98.31	0.07	11.70	≤30.00	PASS
		5785	12.10	98.31	0.07	12.17	≤30.00	PASS
		5825	12.99	98.10	0.08	13.07	≤30.00	PASS
11AX40SI SO	Ant1	5755	14.87	98.09	0.08	14.95	≤30.00	PASS
		5795	14.99	98.31	0.07	15.06	≤30.00	PASS

Appendix E.5: Maximum power spectral density

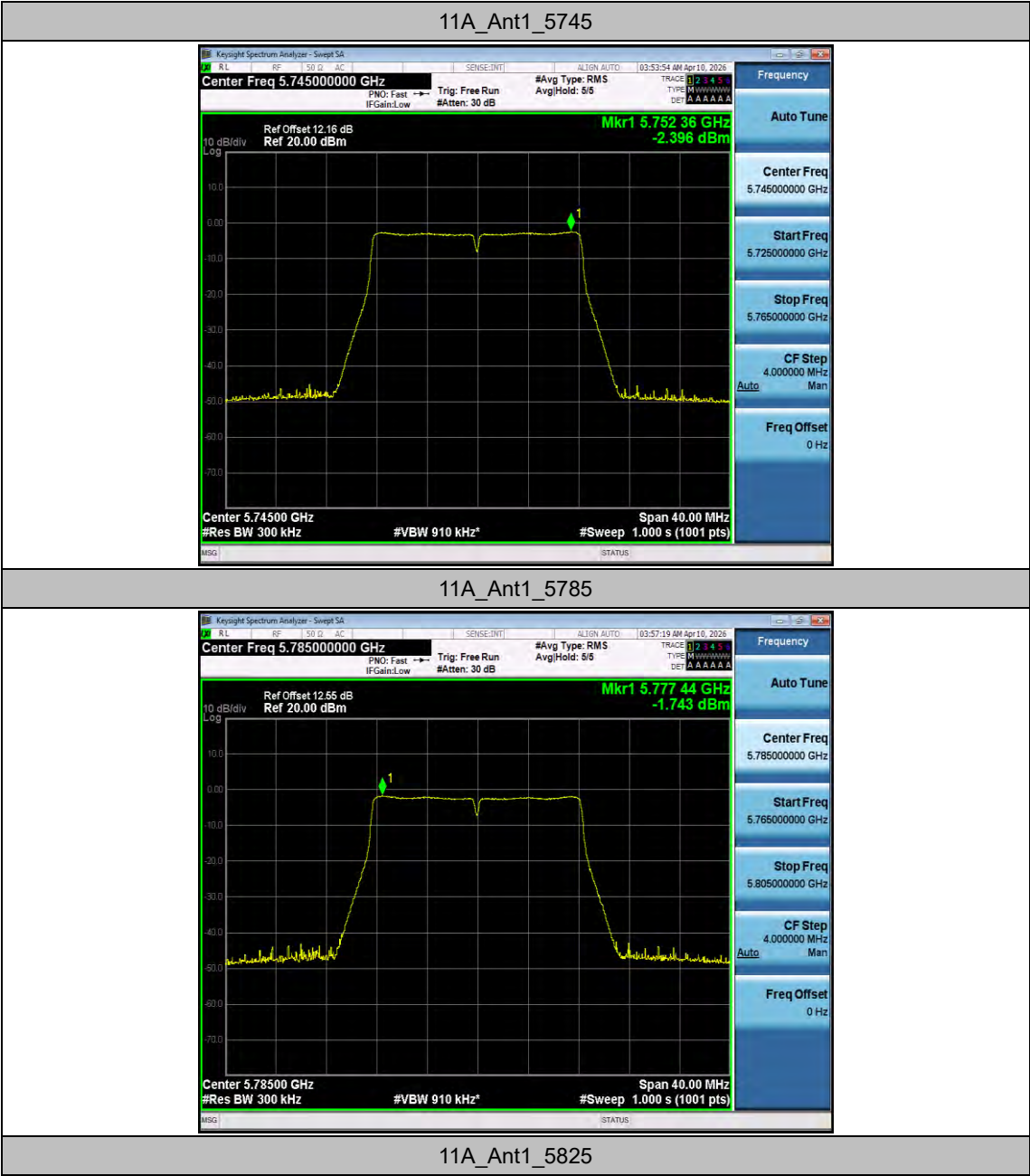
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.40	≤30.00	PASS
		5785	-1.74	≤30.00	PASS
		5825	-1.34	≤30.00	PASS
11N20SISO	Ant1	5745	-2.80	≤30.00	PASS
		5785	-2.04	≤30.00	PASS
		5825	-1.73	≤30.00	PASS
11N40SISO	Ant1	5755	-2.65	≤30.00	PASS
		5795	-1.95	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.80	≤30.00	PASS
		5785	-2.15	≤30.00	PASS
		5825	-1.58	≤30.00	PASS
11AC40SISO	Ant1	5755	-2.58	≤30.00	PASS
		5795	-1.95	≤30.00	PASS
11AX20SISO	Ant1	5745	-3.29	≤30.00	PASS
		5785	-2.53	≤30.00	PASS
		5825	-2.16	≤30.00	PASS
11AX40SISO	Ant1	5755	-2.86	≤30.00	PASS
		5795	-2.26	≤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 Factorand RBW Factoriscompensatedinthegraph.

Test Graphs





11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



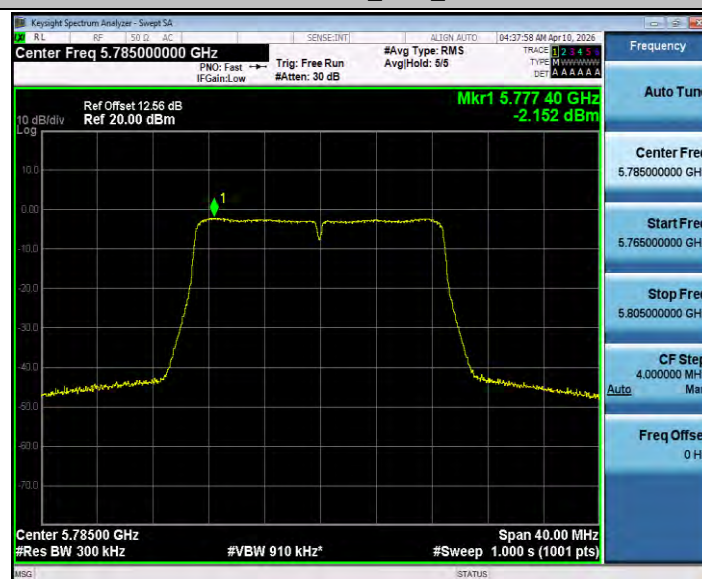
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

