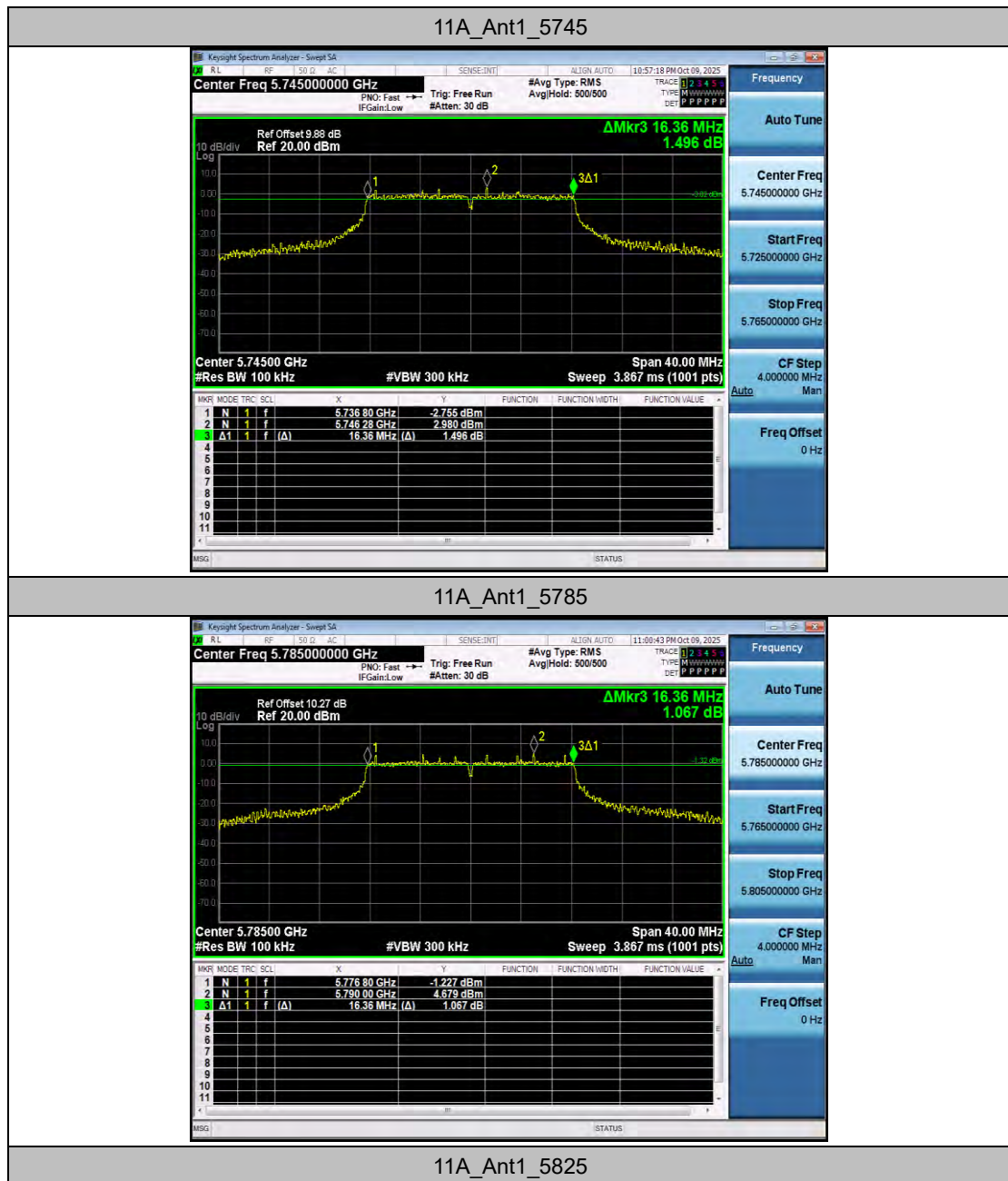
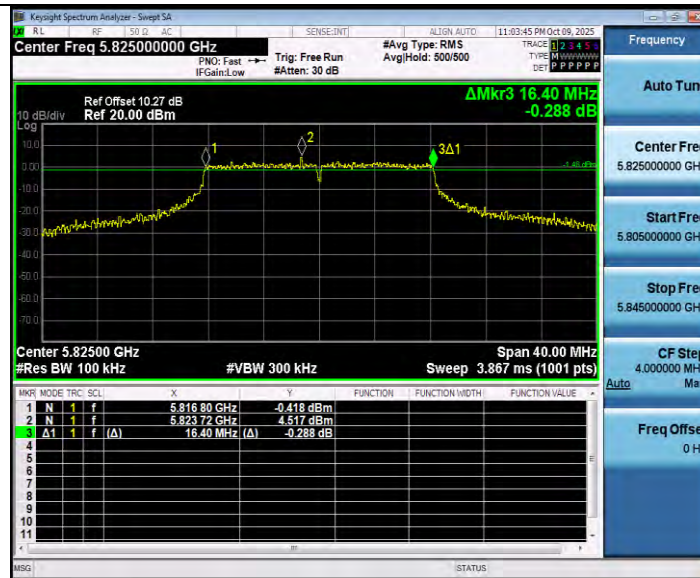


Case No. : <u>GTS20250816006-4-04</u>	
Ambient Condition: <u>23</u> °C, <u>48</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.10.9-10</u>	Test Engineer: <u>Evan ouyang</u>

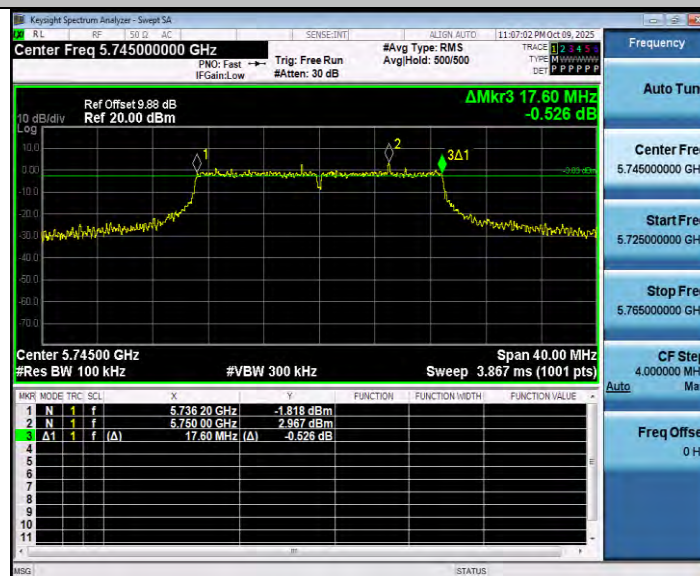
Appendix E.1: Emission Bandwidth

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.400	5816.800	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.640	5776.160	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AX20SISO	Ant1	5745	19.040	5735.480	5754.520	0.5	PASS
		5785	19.000	5775.520	5794.520	0.5	PASS
		5825	18.920	5815.600	5834.520	0.5	PASS
11AX40SISO	Ant1	5755	37.840	5736.120	5773.960	0.5	PASS
		5795	37.920	5776.040	5813.960	0.5	PASS

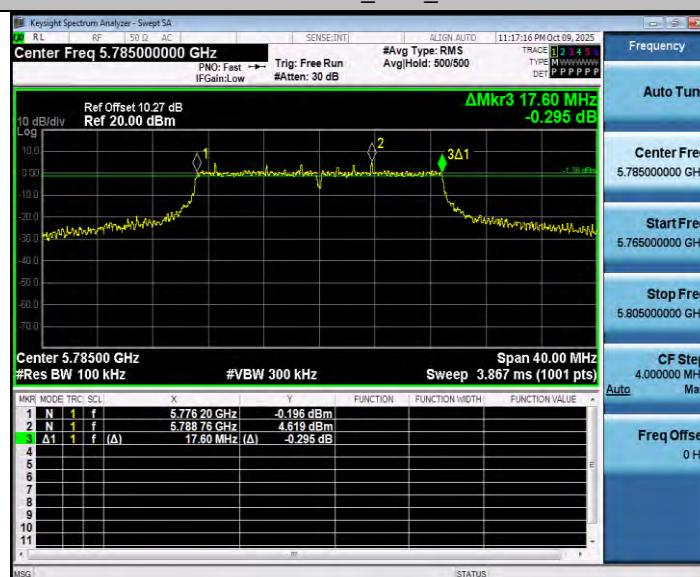




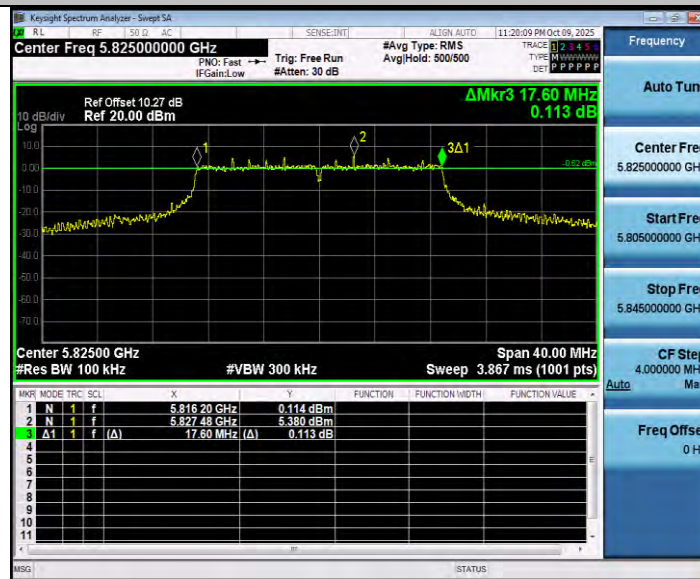
11N20SISO_Ant1_5745



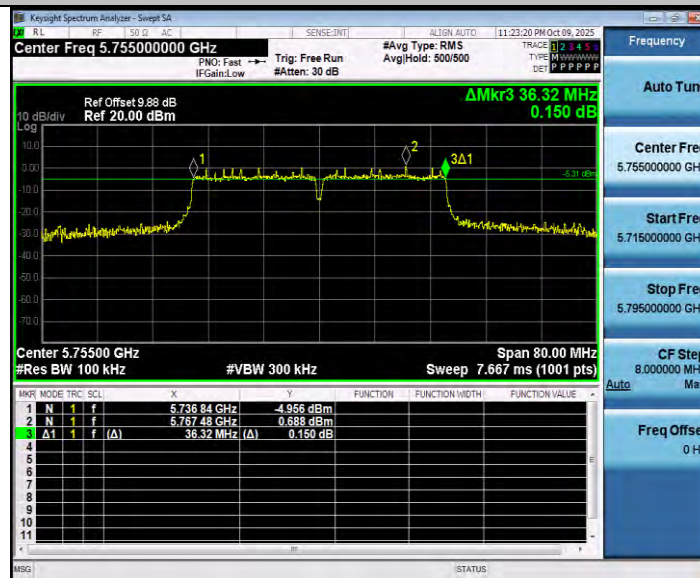
11N20SISO_Ant1_5785



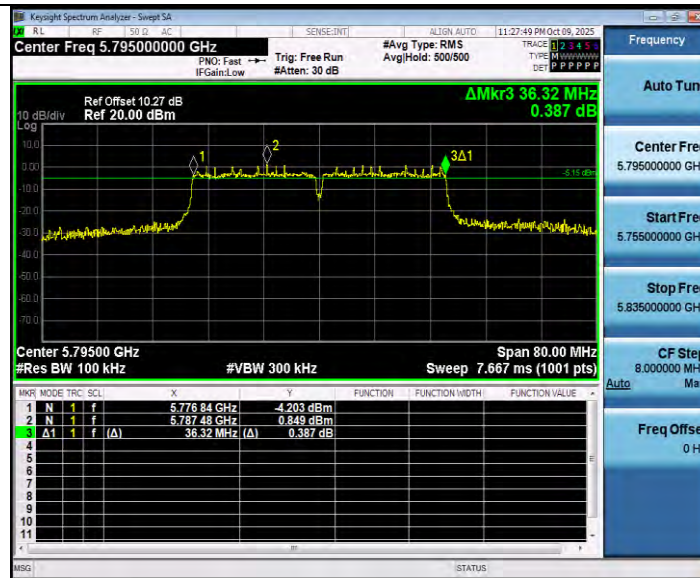
11N20SISO_Ant1_5825



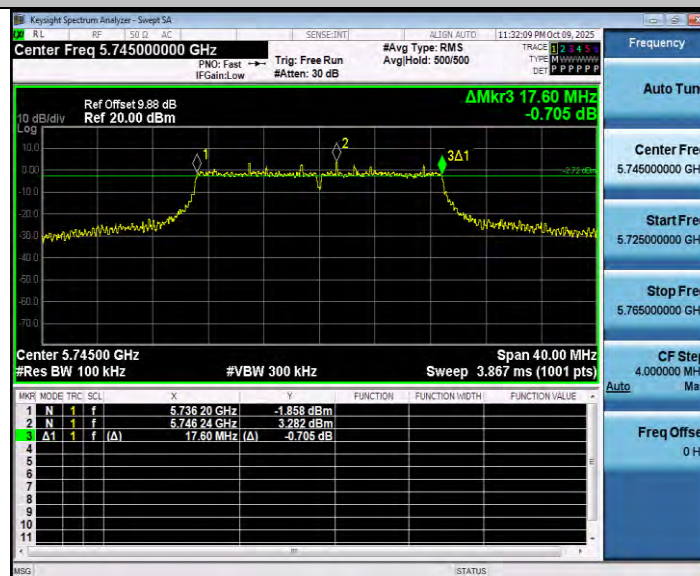
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



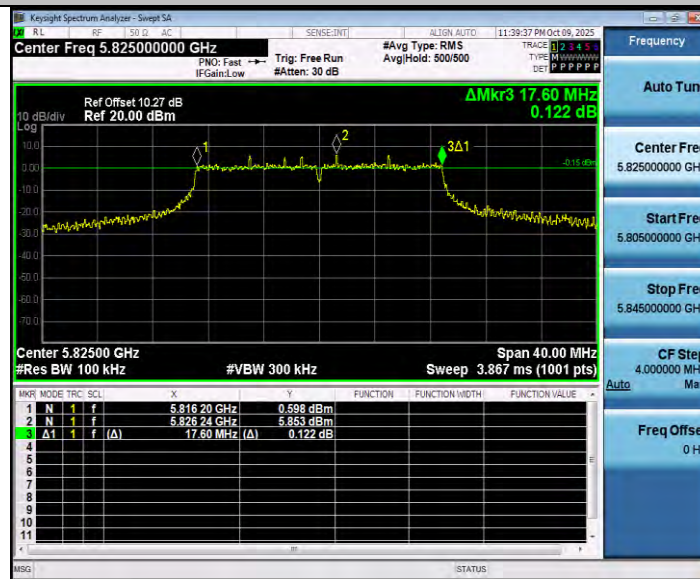
11AC20SISO_Ant1_5745



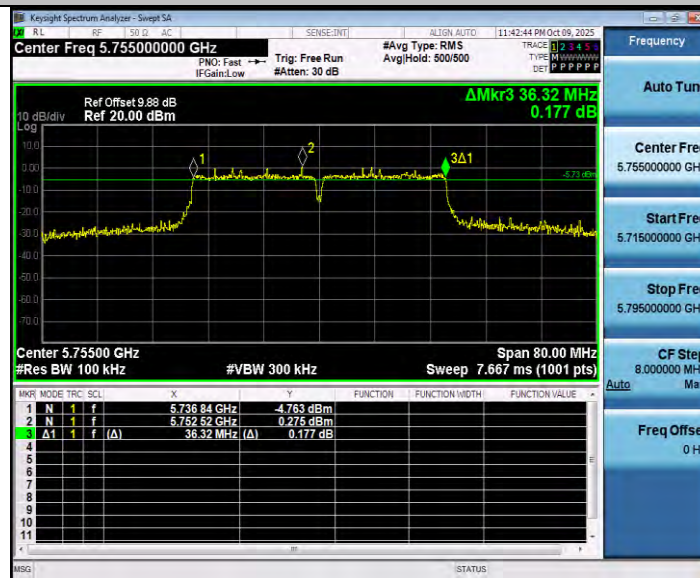
11AC20SISO_Ant1_5785



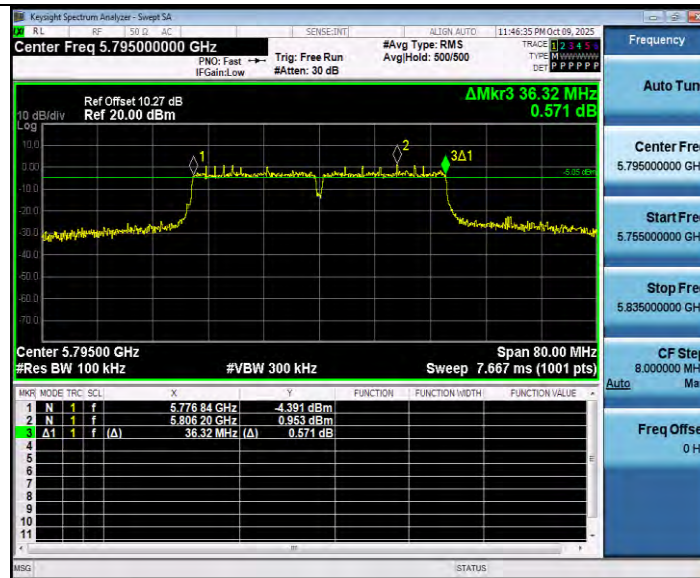
11AC20SISO_Ant1_5825



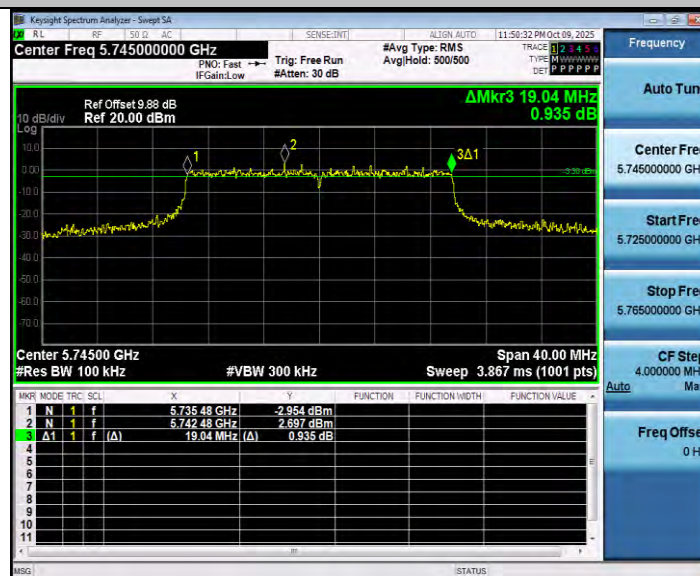
11AC40SISO_Ant1_5755



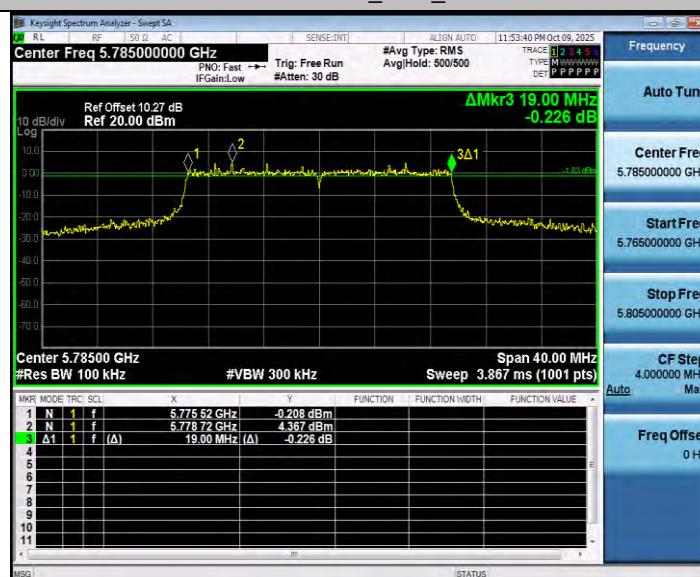
11AC40SISO_Ant1_5795



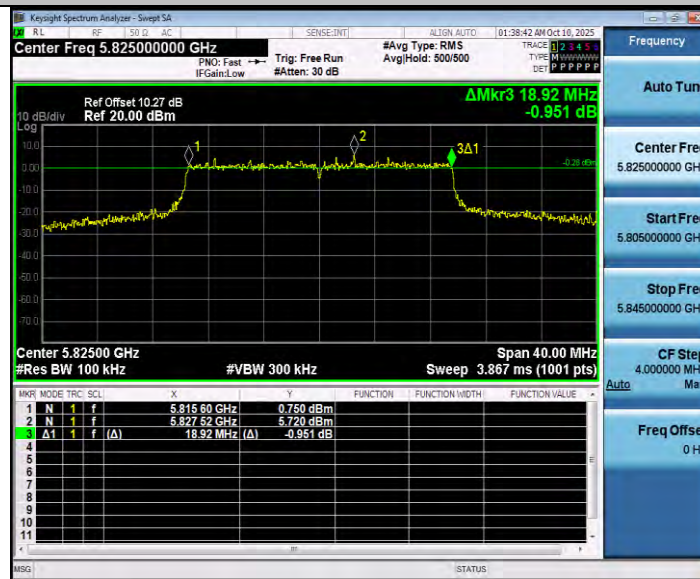
11AX20SISO_Ant1_5745



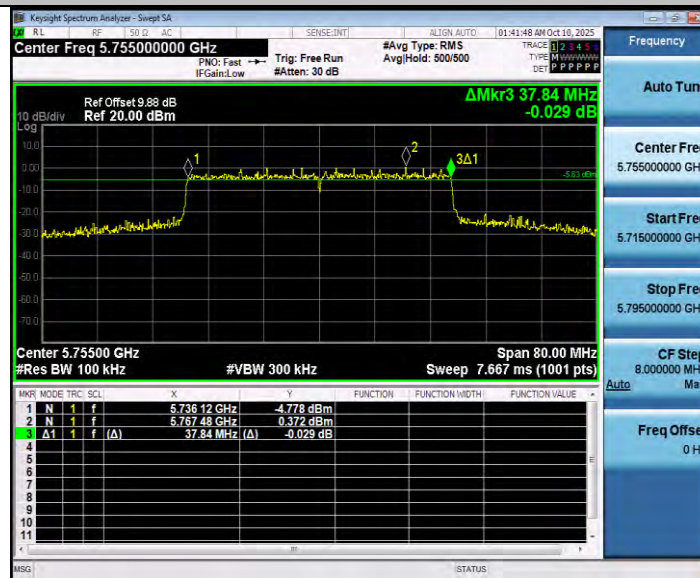
11AX20SISO_Ant1_5785



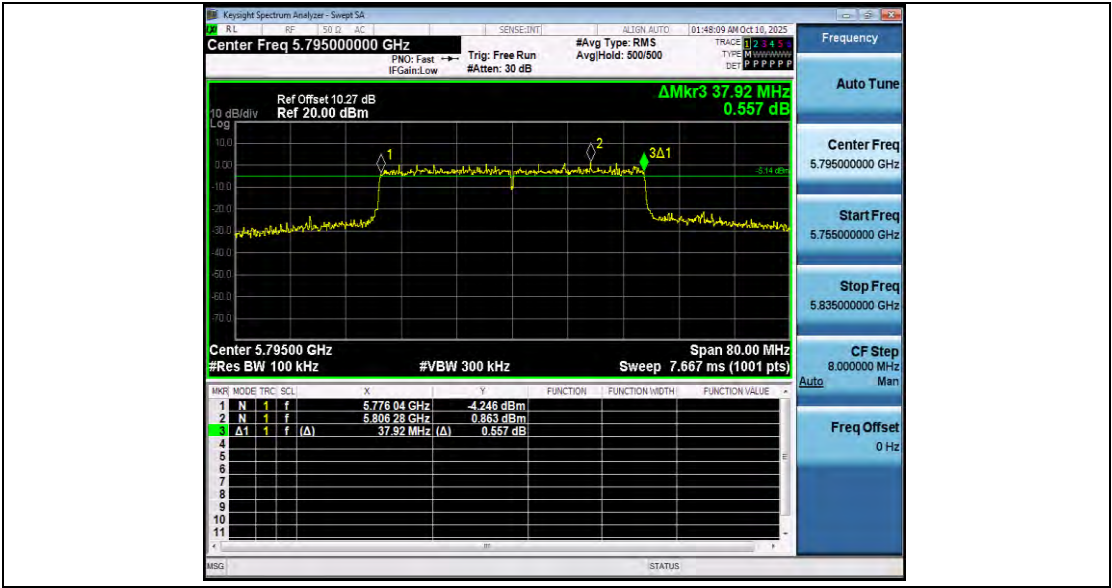
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

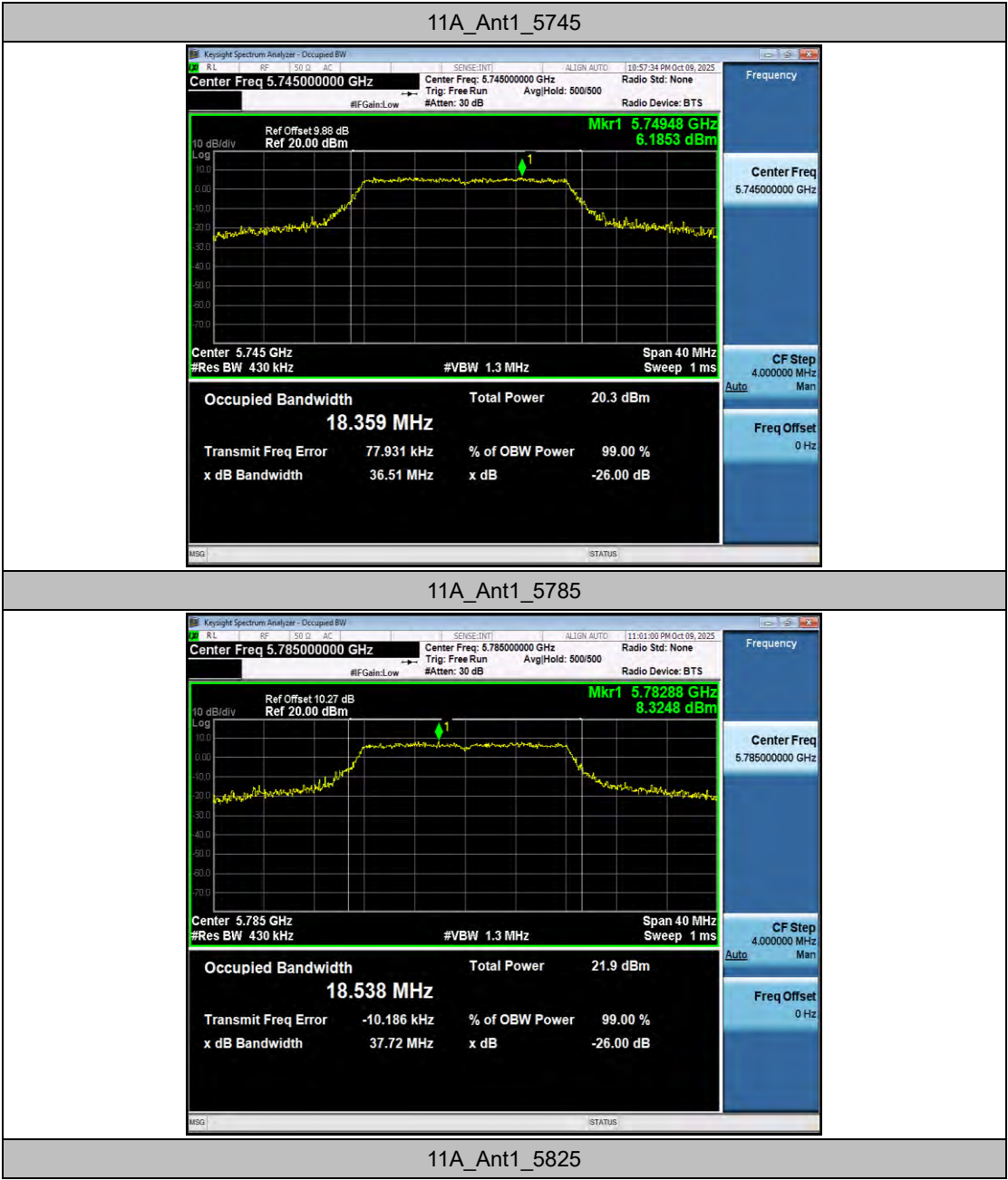


Appendix E.2: Occupied channel bandwidth

Test Result

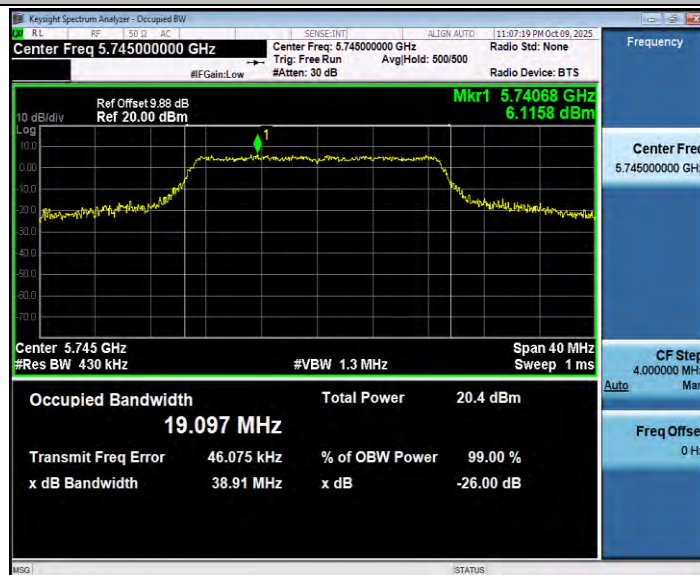
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.359	5735.8984	5754.2574	---	---
		5785	18.538	5775.7208	5794.2588	---	---
		5825	18.505	5815.9641	5834.4691	---	---
11N20SISO	Ant1	5745	19.097	5735.4976	5754.5946	---	---
		5785	19.296	5775.4044	5794.7004	---	---
		5825	19.378	5815.5042	5834.8822	---	---
11N40SISO	Ant1	5755	37.706	5736.2870	5773.9930	---	---
		5795	37.575	5776.3415	5813.9165	---	---
11AC20SISO	Ant1	5745	19.067	5735.5257	5754.5927	---	---
		5785	19.302	5775.4384	5794.7404	---	---
		5825	19.326	5815.4930	5834.8190	---	---
11AC40SISO	Ant1	5755	37.718	5736.2666	5773.9846	---	---
		5795	37.575	5776.3506	5813.9256	---	---
11AX20SISO	Ant1	5745	19.509	5735.2175	5754.7265	---	---
		5785	19.630	5775.1977	5794.8277	---	---
		5825	19.683	5815.2128	5834.8958	---	---
11AX40SISO	Ant1	5755	38.479	5735.8431	5774.3221	---	---
		5795	38.374	5775.8686	5814.2426	---	---

Test Graphs



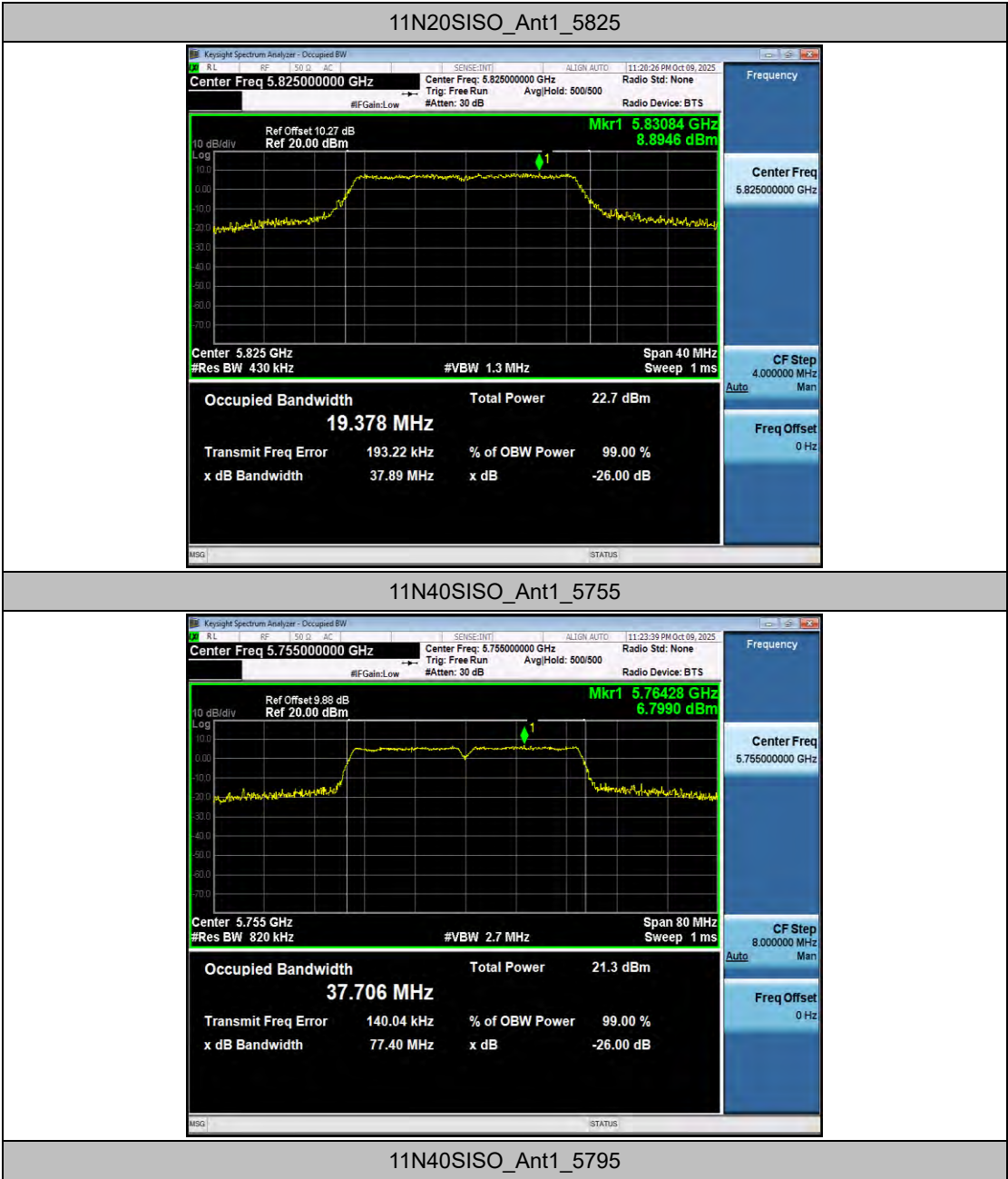


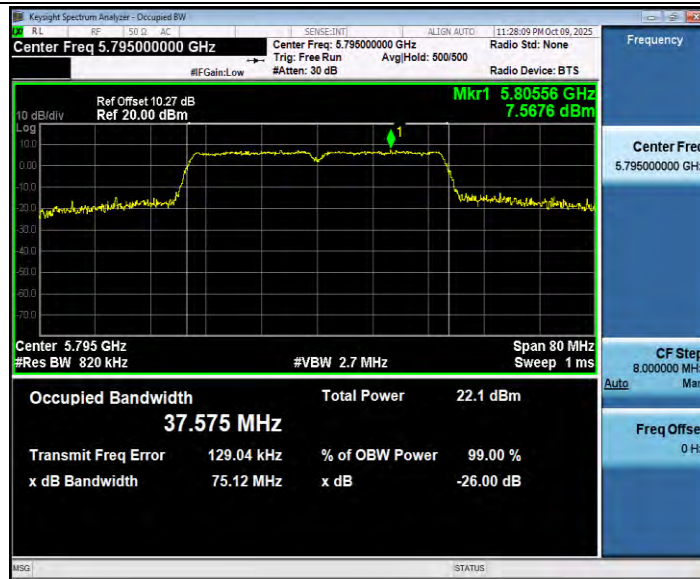
11N20SISO_Ant1_5745



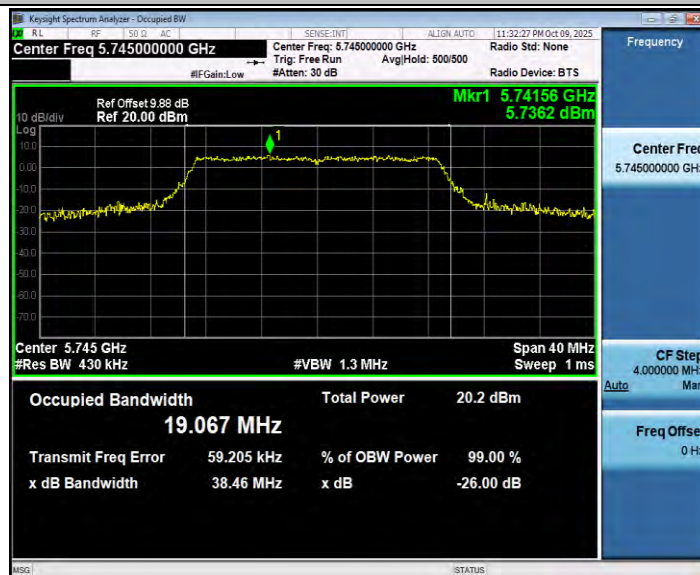
11N20SISO_Ant1_5785



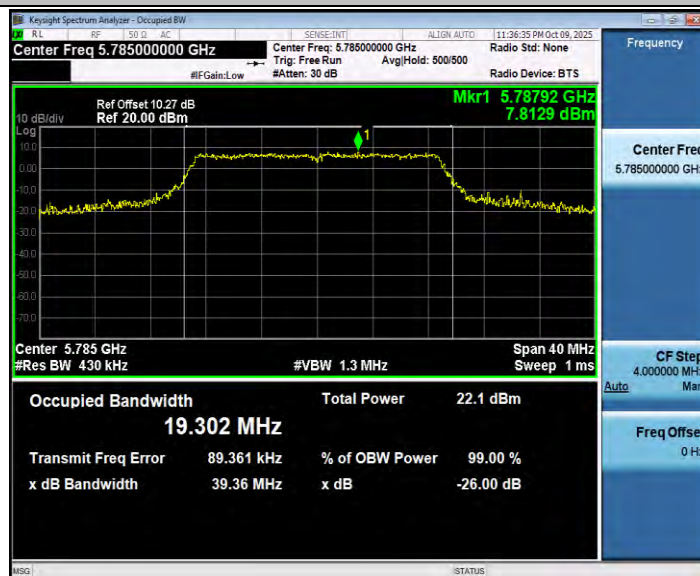




11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



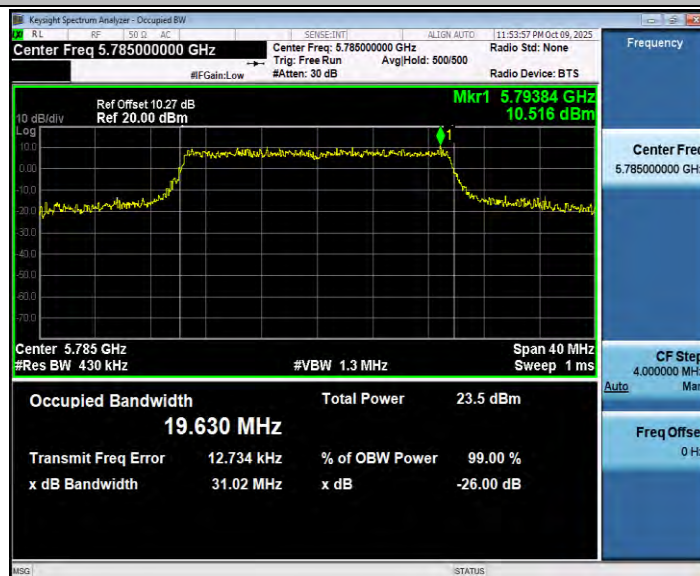


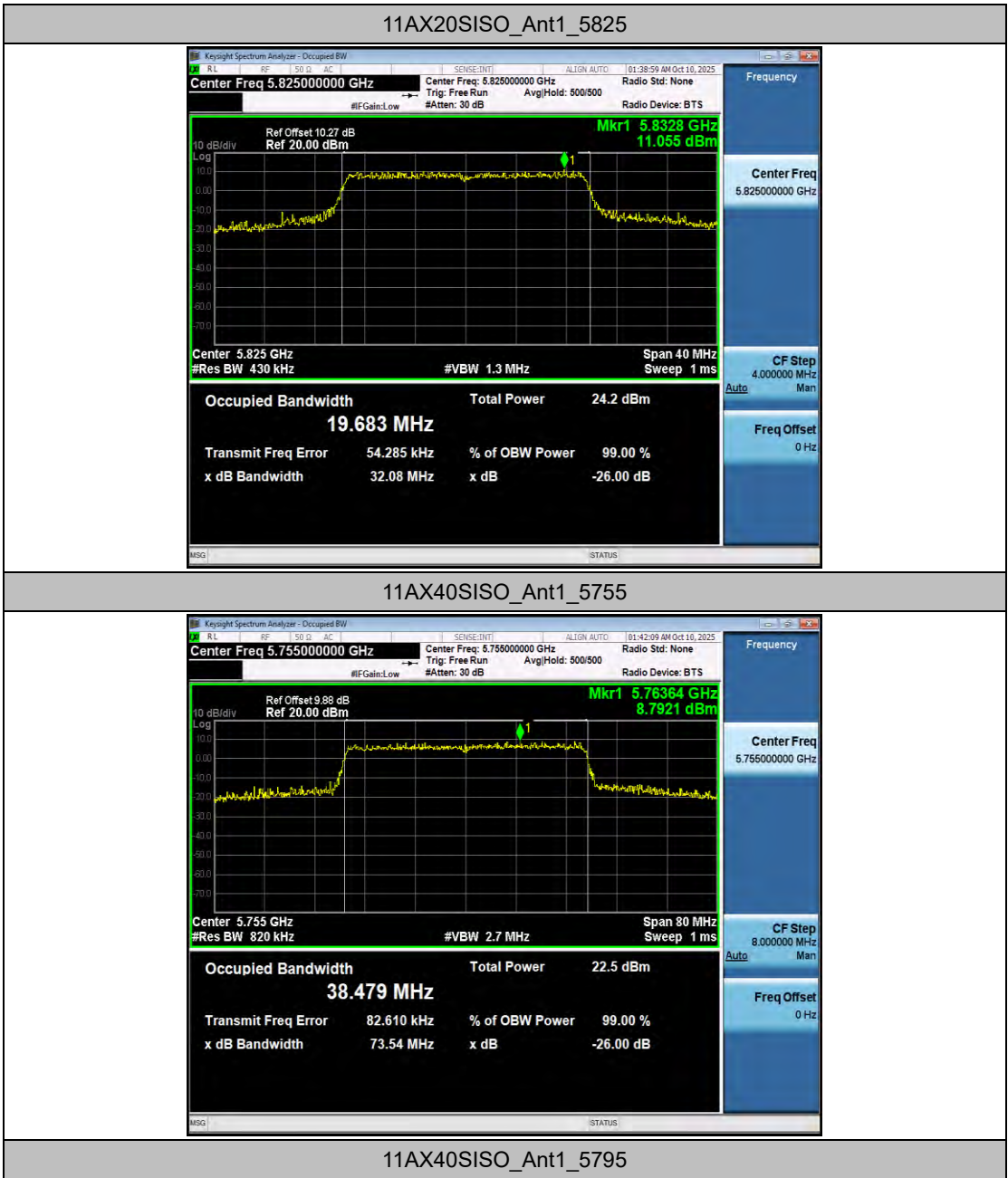


11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785





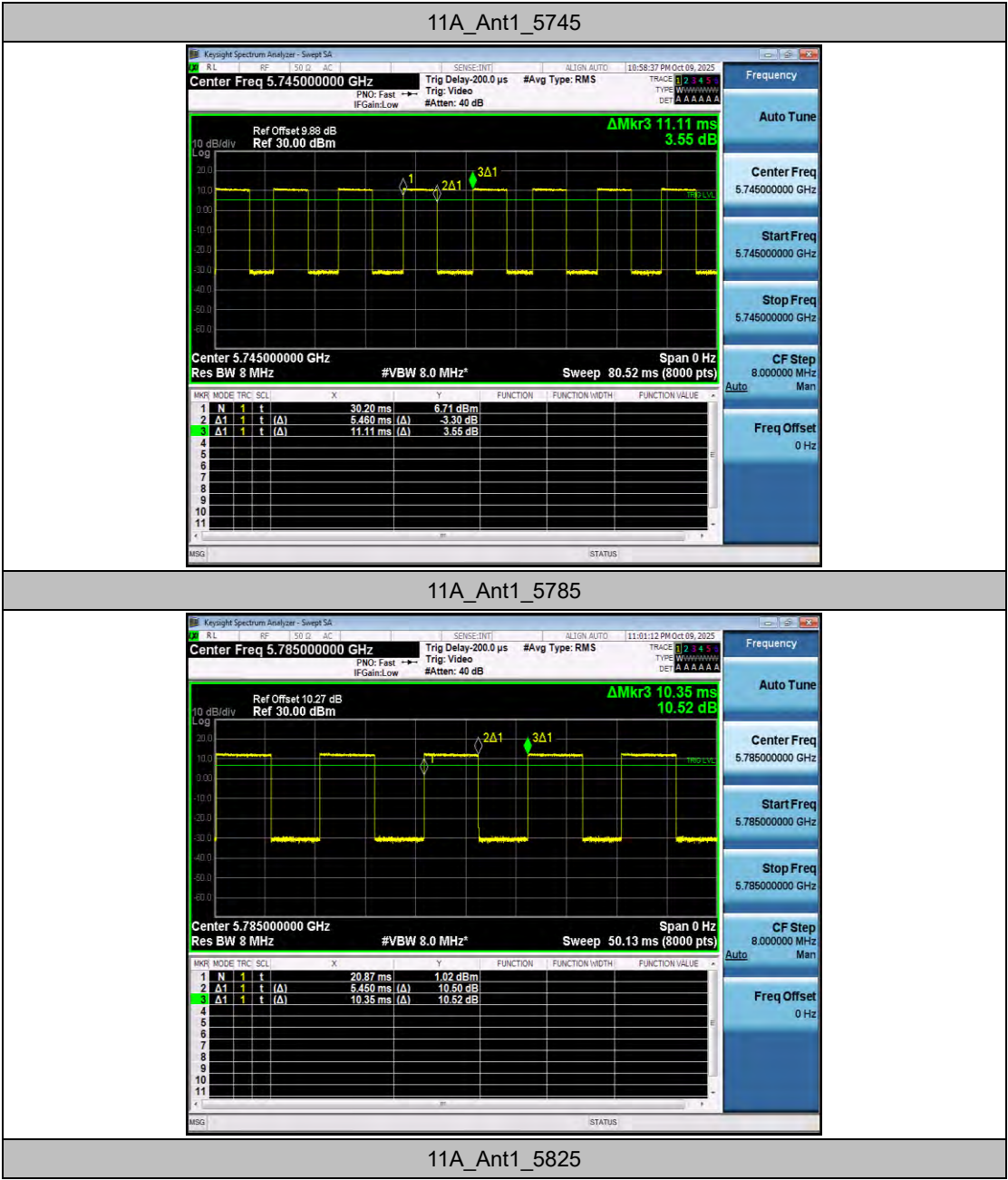


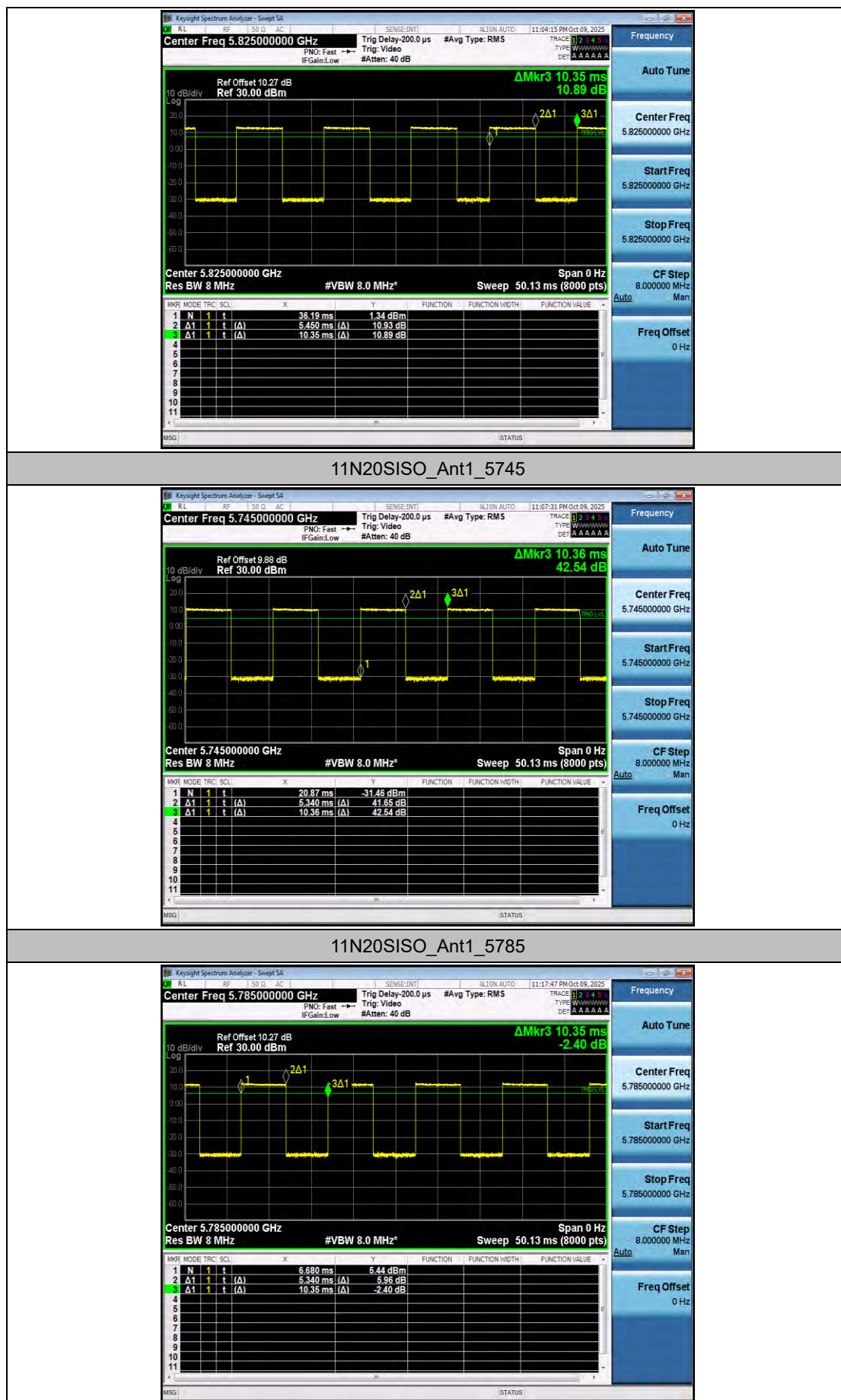
Appendix E.3: Duty Cycle

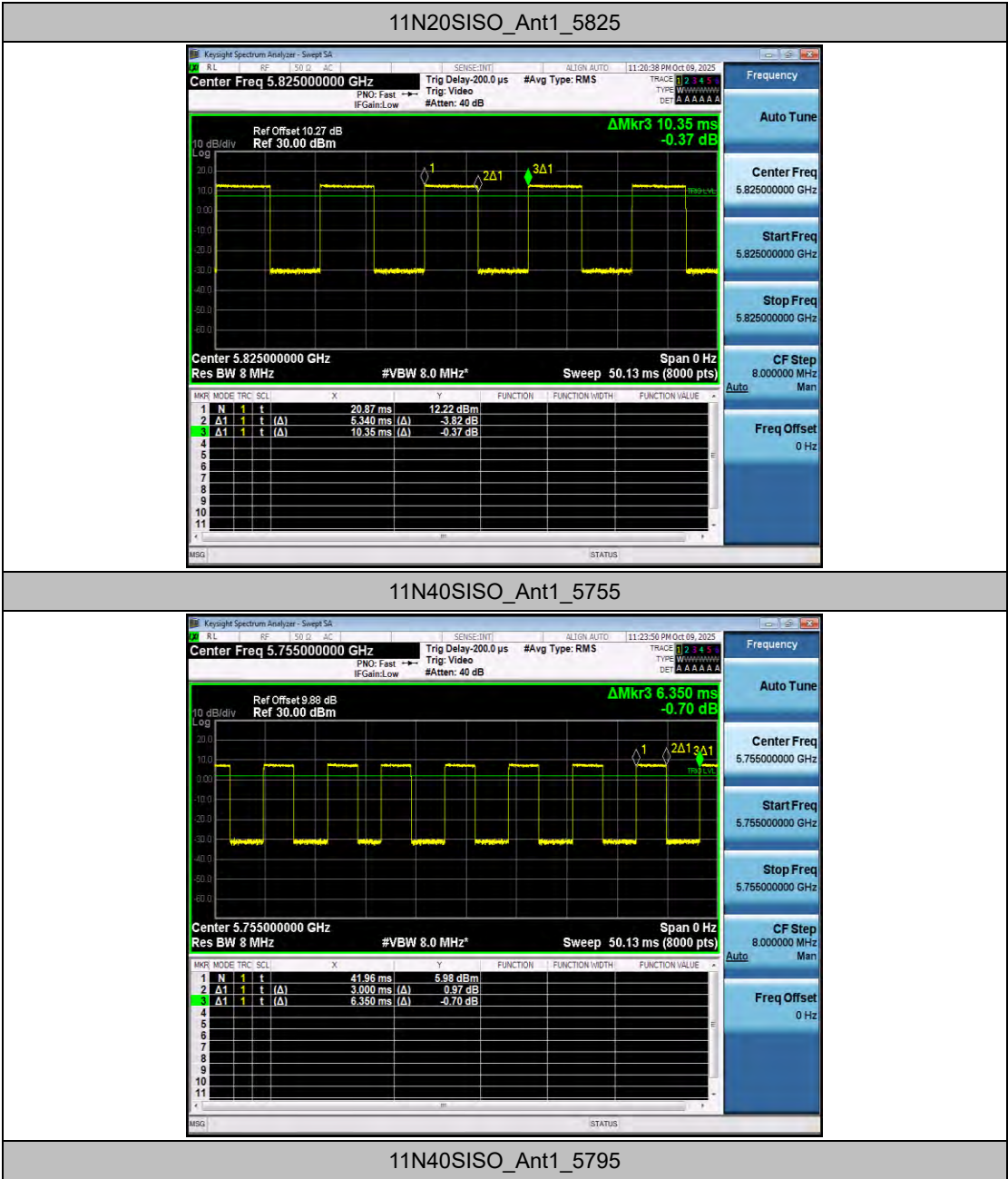
Test Result

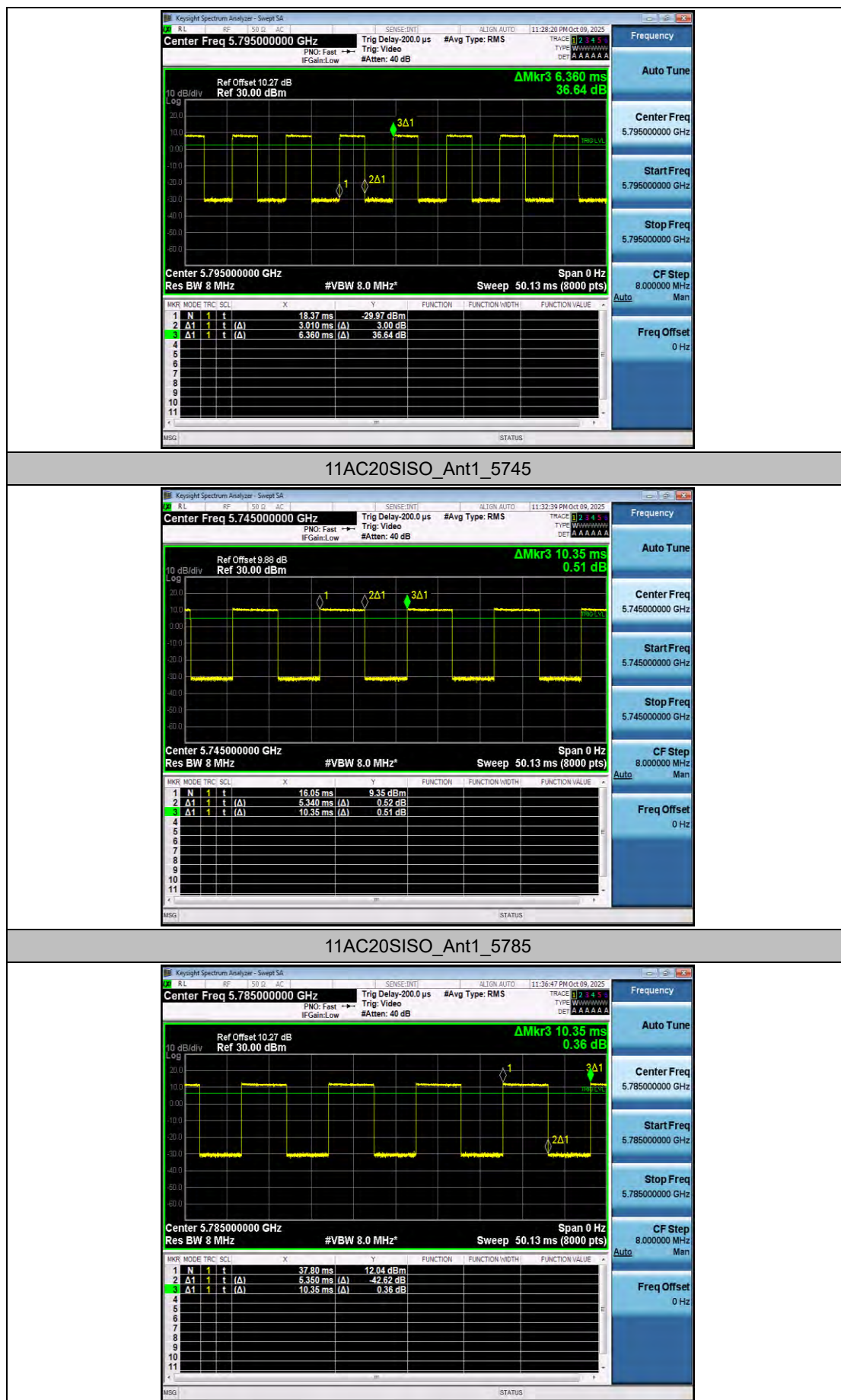
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	5.46	11.11	49.14	3.09	0.18
		5785	5.45	10.35	52.66	2.79	0.18
		5825	5.45	10.35	52.66	2.79	0.18
11N20SISO	Ant1	5745	5.34	10.36	51.54	2.88	0.19
		5785	5.34	10.35	51.59	2.87	0.19
		5825	5.34	10.35	51.59	2.87	0.19
11N40SISO	Ant1	5755	3.00	6.35	47.24	3.26	0.33
		5795	3.01	6.36	47.33	3.25	0.33
11AC20SISO	Ant1	5745	5.34	10.35	51.59	2.87	0.19
		5785	5.35	10.35	51.69	2.87	0.19
		5825	5.34	10.34	51.64	2.87	0.19
11AC40SISO	Ant1	5755	5.13	10.34	49.61	3.04	0.19
		5795	5.14	10.36	49.61	3.04	0.19
11AX20SISO	Ant1	5745	4.63	12.11	38.23	4.18	0.22
		5785	4.62	10.35	44.64	3.50	0.22
		5825	4.63	10.35	44.73	3.49	0.22
11AX40SISO	Ant1	5755	4.62	10.35	44.64	3.50	0.22
		5795	4.63	10.36	44.69	3.50	0.22

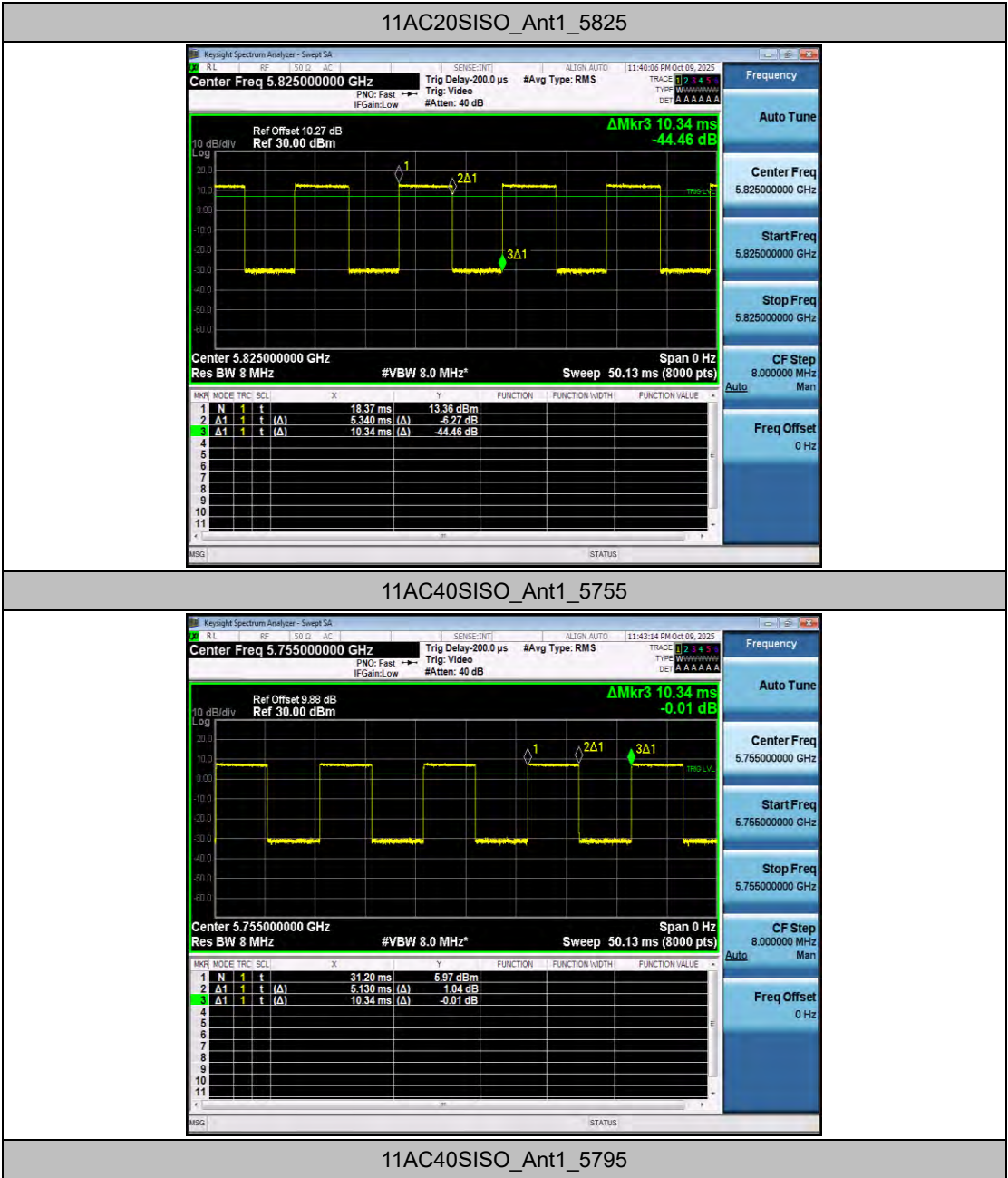
Test Graphs

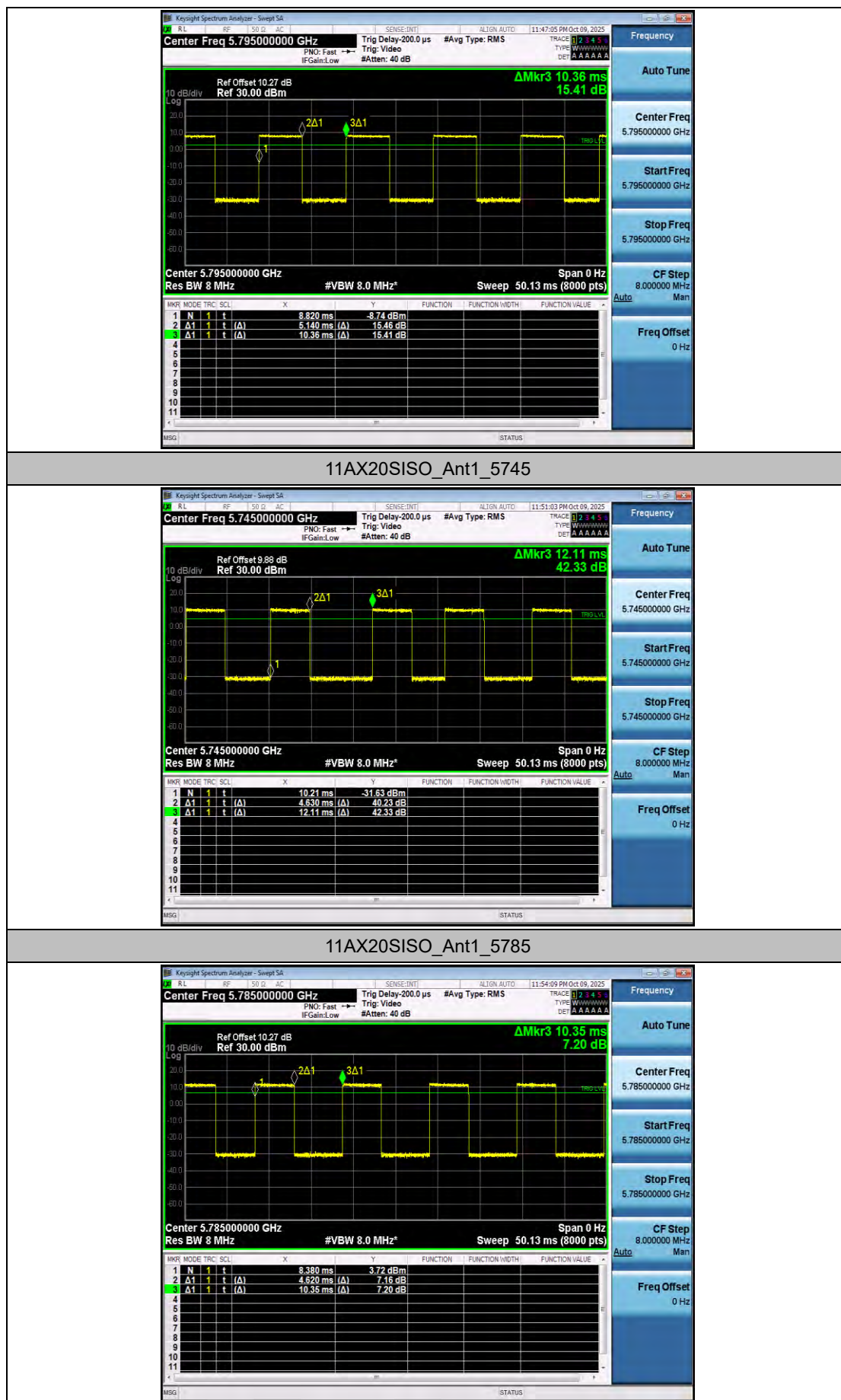




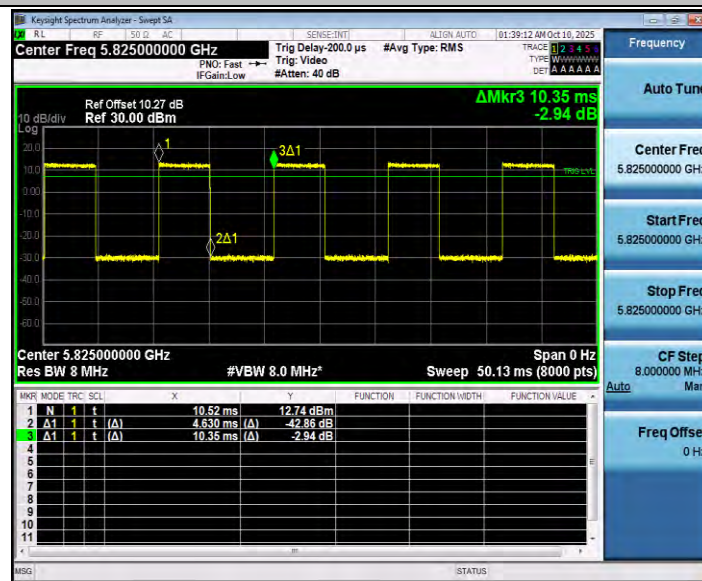




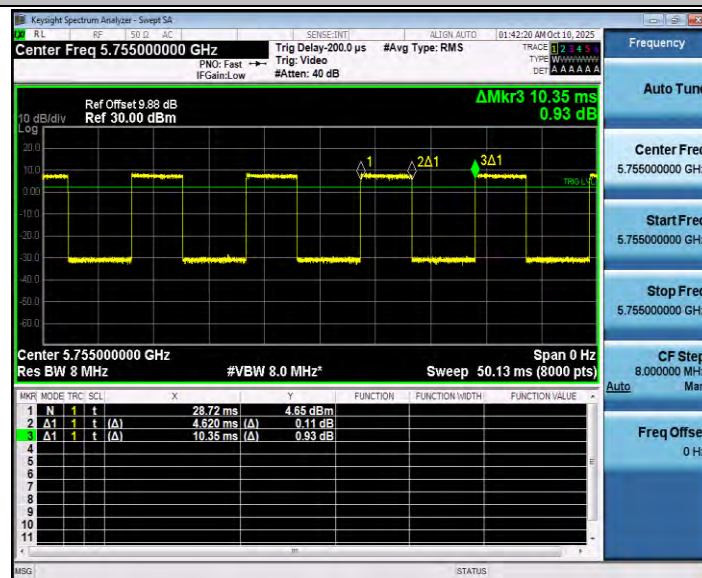




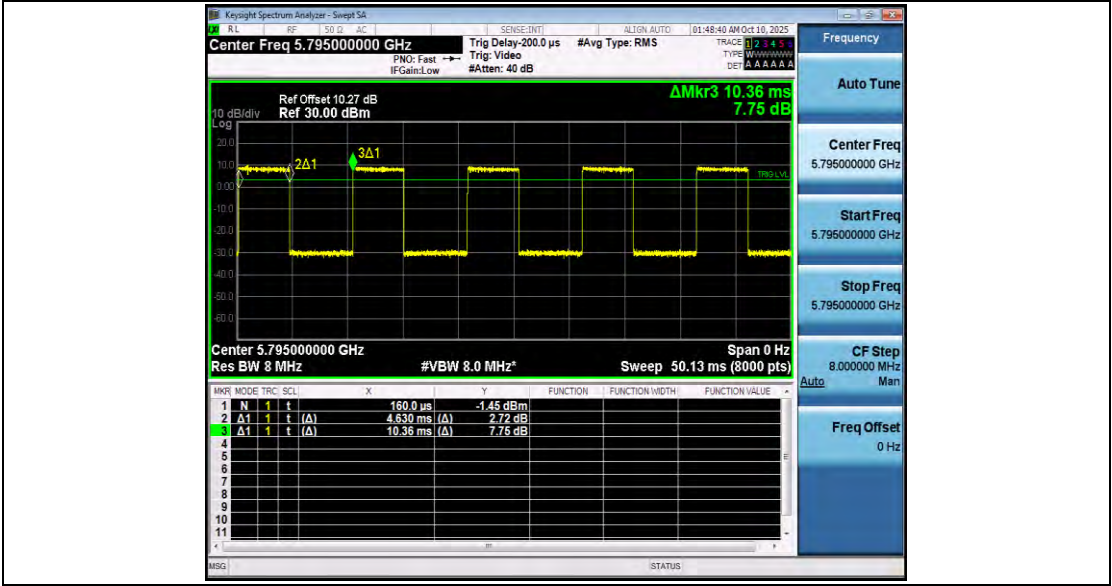
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



Appendix E.4: Maximum conducted output power

Test Mode	Antenna	Freq(MHz)	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	---	10.87	49.14	3.09	13.96	≤30.00	PASS
		5785	---	12.25	52.66	2.79	15.04	≤30.00	PASS
		5825	---	13.00	52.66	2.79	15.79	≤30.00	PASS
11N20SI SO	Ant1	5745	---	10.82	51.54	2.88	13.70	≤30.00	PASS
		5785	---	12.29	51.59	2.87	15.16	≤30.00	PASS
		5825	---	13.10	51.59	2.87	15.97	≤30.00	PASS
11N40SI SO	Ant1	5755	---	10.62	47.24	3.26	13.88	≤30.00	PASS
		5795	---	11.85	47.33	3.25	15.10	≤30.00	PASS
11AC20S ISO	Ant1	5745	---	10.82	51.59	2.87	13.69	≤30.00	PASS
		5785	---	12.96	51.69	2.87	15.83	≤30.00	PASS
		5825	---	12.86	51.64	2.87	15.73	≤30.00	PASS
11AC40S ISO	Ant1	5755	---	11.17	49.61	3.04	14.21	≤30.00	PASS
		5795	---	11.91	49.61	3.04	14.95	≤30.00	PASS
11AX20S ISO	Ant1	5745	---	10.15	38.23	4.18	14.33	≤30.00	PASS
		5785	---	12.25	44.64	3.50	15.75	≤30.00	PASS
		5825	---	13.11	44.73	3.49	16.60	≤30.00	PASS
11AX40S ISO	Ant1	5755	---	10.39	44.64	3.50	13.89	≤30.00	PASS
		5795	---	11.99	44.69	3.50	15.49	≤30.00	PASS

Appendix E.5: Maximum power spectral density

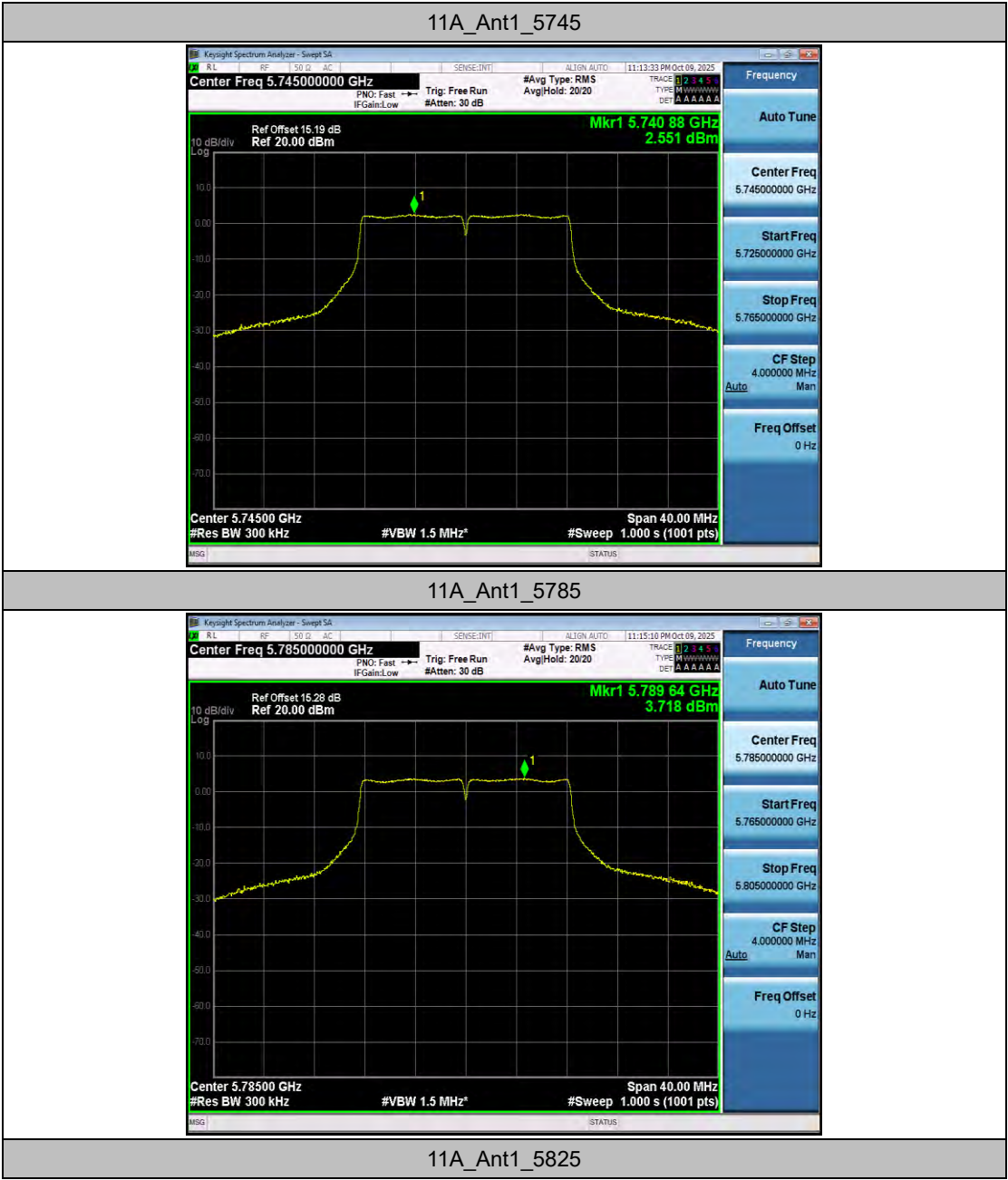
Test Result

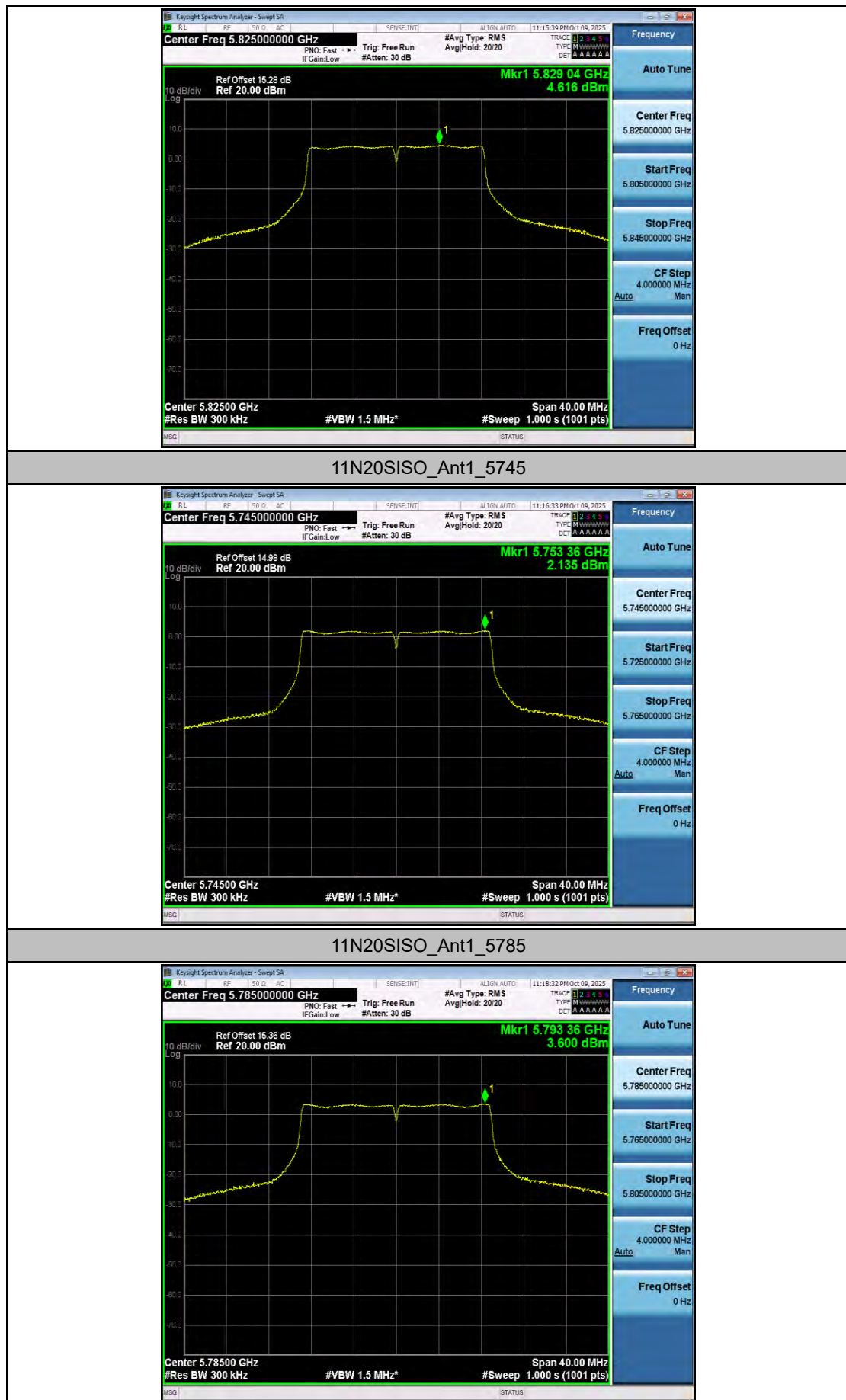
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	2.55	≤30.00	PASS
		5785	3.72	≤30.00	PASS
		5825	4.62	≤30.00	PASS
11N20SISO	Ant1	5745	2.14	≤30.00	PASS
		5785	3.60	≤30.00	PASS
		5825	4.53	≤30.00	PASS
11N40SISO	Ant1	5755	0.03	≤30.00	PASS
		5795	0.69	≤30.00	PASS
11AC20SISO	Ant1	5745	2.07	≤30.00	PASS
		5785	3.61	≤30.00	PASS
		5825	4.63	≤30.00	PASS
11AC40SISO	Ant1	5755	-0.16	≤30.00	PASS
		5795	0.44	≤30.00	PASS
11AX20SISO	Ant1	5745	2.93	≤30.00	PASS
		5785	3.72	≤30.00	PASS
		5825	4.84	≤30.00	PASS
11AX40SISO	Ant1	5755	-0.08	≤30.00	PASS
		5795	0.62	≤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





11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



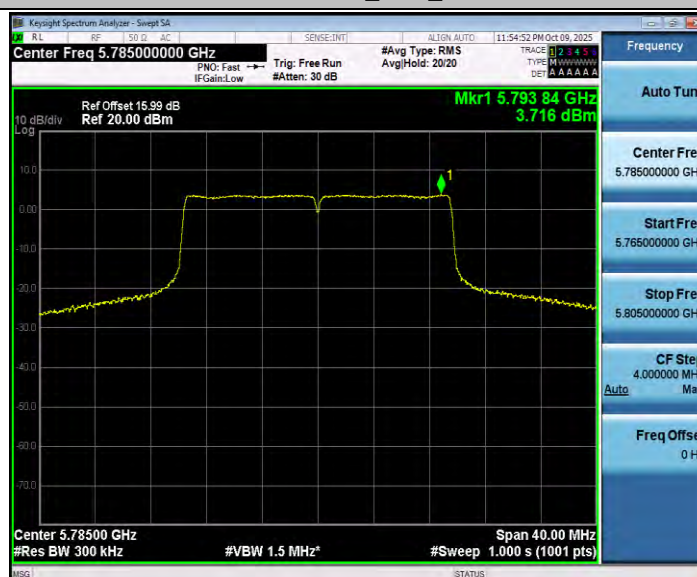
11AC40SISO_Ant1_5795



11AX20ISO_Ant1_5745



11AX20ISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



Appendix E.6: Band edge measurements

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.43	≤ -26.79	PASS
				5700~5720	-25.2	≤ 13.73	PASS
				5720~5725	-19.42	≤ 21.58	PASS
				5760~5650	-38.73	≤ -27	PASS
		High	5825	5850~5855	-25.55	≤ 16.96	PASS
				5855~5875	-29.11	≤ 10.47	PASS
				5875~5925	-39.32	≤ -26.71	PASS
				5925~5935	-38.62	≤ -27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.69	≤ -26.87	PASS
				5700~5720	-22.45	≤ 15.24	PASS
				5720~5725	-18.79	≤ 17.91	PASS
				5760~5650	-40.25	≤ -27	PASS
		High	5825	5850~5855	-23.91	≤ 16.34	PASS
				5855~5875	-23.46	≤ 14.78	PASS
				5875~5925	-38.69	≤ -26.61	PASS
				5925~5935	-38.16	≤ -27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.63	≤ -25.71	PASS
				5700~5720	-18.26	≤ 14.48	PASS
				5720~5725	-14.28	≤ 18.81	PASS
				5780~5650	-38.57	≤ -27	PASS
		High	5795	5850~5855	-27.75	≤ 15.66	PASS
				5855~5875	-24.84	≤ 14.50	PASS
				5875~5925	-37.58	≤ -25.73	PASS
				5925~5935	-38.88	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.56	≤ -26.53	PASS
				5700~5720	-24.38	≤ 14.76	PASS
				5720~5725	-17.2	≤ 21.85	PASS
				5760~5650	-39.67	≤ -27	PASS
		High	5825	5850~5855	-25.15	≤ 15.73	PASS
				5855~5875	-24.03	≤ 13.39	PASS
				5875~5925	-38.8	≤ -26.61	PASS
				5925~5935	-38.77	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-38.82	≤ -26.40	PASS
				5700~5720	-16.39	≤ 15.01	PASS
				5720~5725	-13.62	≤ 18.81	PASS
				5780~5650	-38.84	≤ -27	PASS
		High	5795	5850~5855	-27.35	≤ 16.03	PASS
				5855~5875	-28.71	≤ 11.36	PASS

				5875~5925	-39.4	≤ -26.95	PASS
				5925~5935	-37.75	≤ -27	PASS
11AX20S ISO	Ant1	Low	5745	5650~5700	-39.77	≤ -26.19	PASS
				5700~5720	-19.73	≤ 14.89	PASS
				5720~5725	-14.72	≤ 23.16	PASS
				5760~5650	-39.24	≤ -27	PASS
		High	5825	5850~5855	-24.41	≤ 15.73	PASS
				5855~5875	-22.83	≤ 14.48	PASS
				5875~5925	-38.37	≤ -26.61	PASS
				5925~5935	-37.61	≤ -27	PASS
11AX40S ISO	Ant1	Low	5755	5650~5700	-37.76	≤ -25.41	PASS
				5700~5720	-16.27	≤ 11.95	PASS
				5720~5725	-17.89	≤ 16.35	PASS
				5780~5650	-38.14	≤ -27	PASS
		High	5795	5850~5855	-26.66	≤ 16.41	PASS
				5855~5875	-29.57	≤ 10.11	PASS
				5875~5925	-36.33	≤ -25.12	PASS
				5925~5935	-38.47	≤ -27	PASS

Test Graphs B4

