

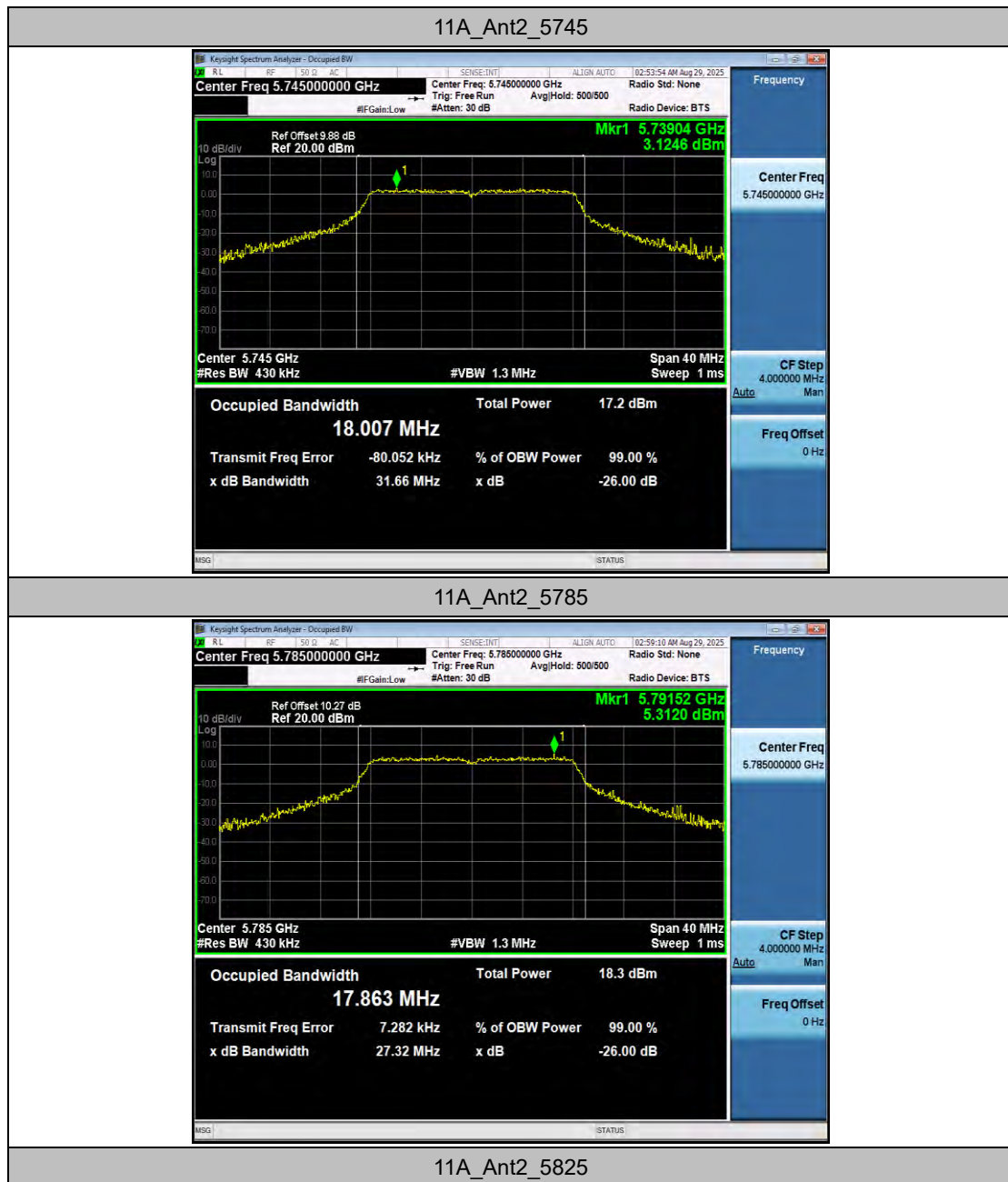
Case No. : <u>GTS20250626004-3-04</u>	
Ambient Condition: <u>23</u> °C, <u>56</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2025.7.3-2025.9.3</u>	Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Occupied channel bandwidth

Test Result

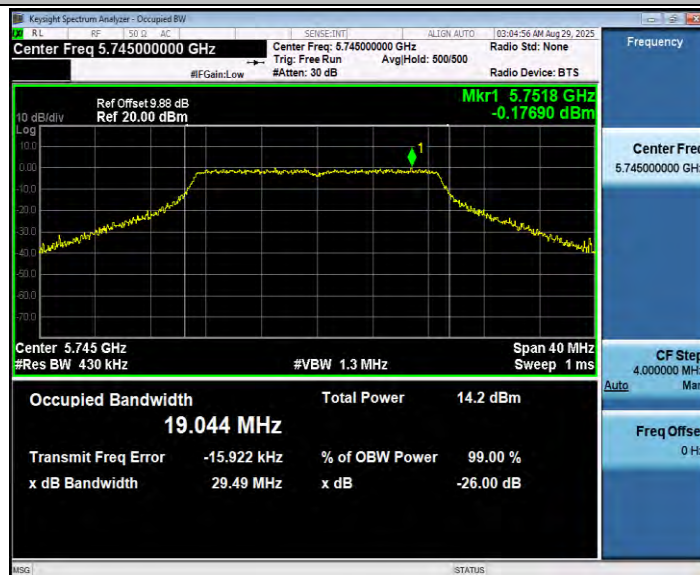
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	18.007	5735.9165	5753.9235	---	---
		5785	17.863	5776.0758	5793.9388	---	---
		5825	17.854	5816.0670	5833.9210	---	---
11N20SISO	Ant2	5745	19.044	5735.4621	5754.5061	---	---
		5785	19.010	5775.5102	5794.5202	---	---
		5825	18.895	5815.5543	5834.4493	---	---
11N40SISO	Ant2	5755	37.638	5736.2452	5773.8832	---	---
		5795	37.552	5776.3645	5813.9165	---	---
11AC20SISO	Ant2	5745	19.075	5735.4542	5754.5292	---	---
		5785	18.989	5775.5641	5794.5531	---	---
		5825	18.892	5815.5521	5834.4441	---	---
11AC40SISO	Ant2	5755	37.779	5736.2704	5774.0494	---	---
		5795	37.567	5776.3464	5813.9134	---	---
11AX20SISO	Ant2	5745	19.642	5735.2065	5754.8485	---	---
		5785	19.759	5775.1685	5794.9275	---	---
		5825	19.597	5815.2112	5834.8082	---	---
11AX40SISO	Ant2	5755	38.523	5735.8209	5774.3439	---	---
		5795	38.387	5775.9045	5814.2915	---	---

Test Graphs





11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



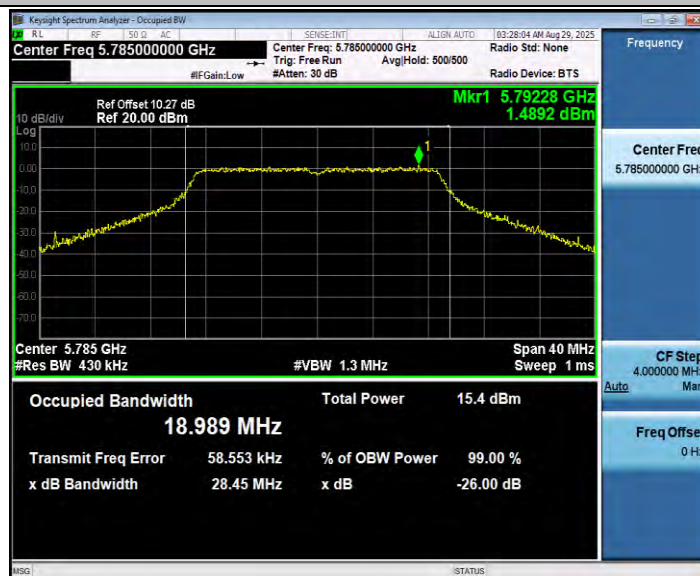
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



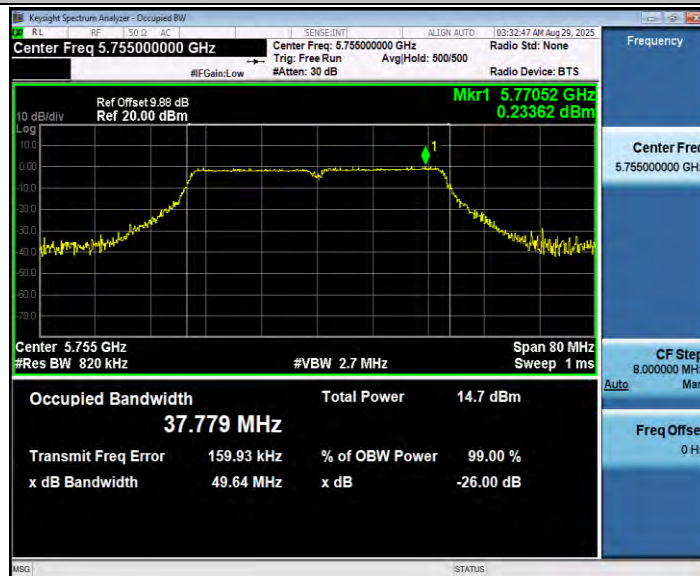
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



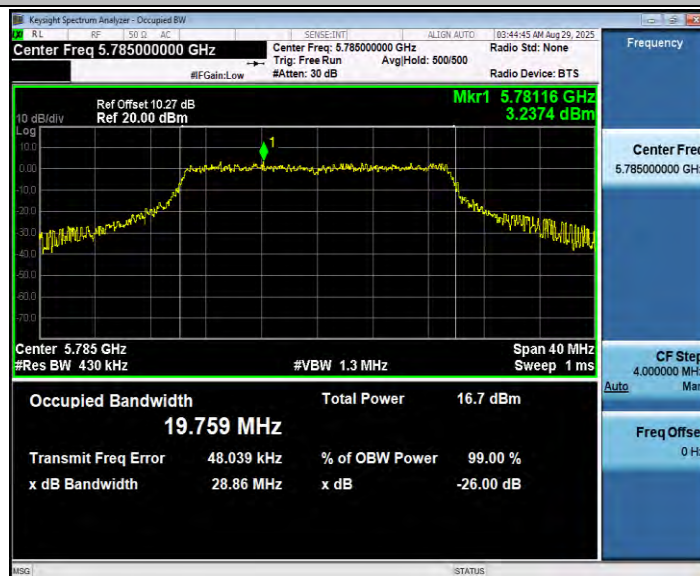
11AC40SISO_Ant2_5795



11AX20SISO_Ant2_5745



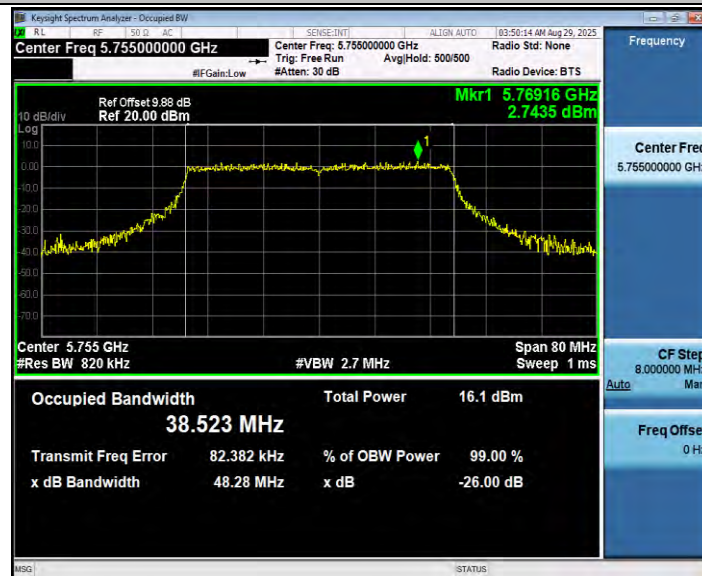
11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



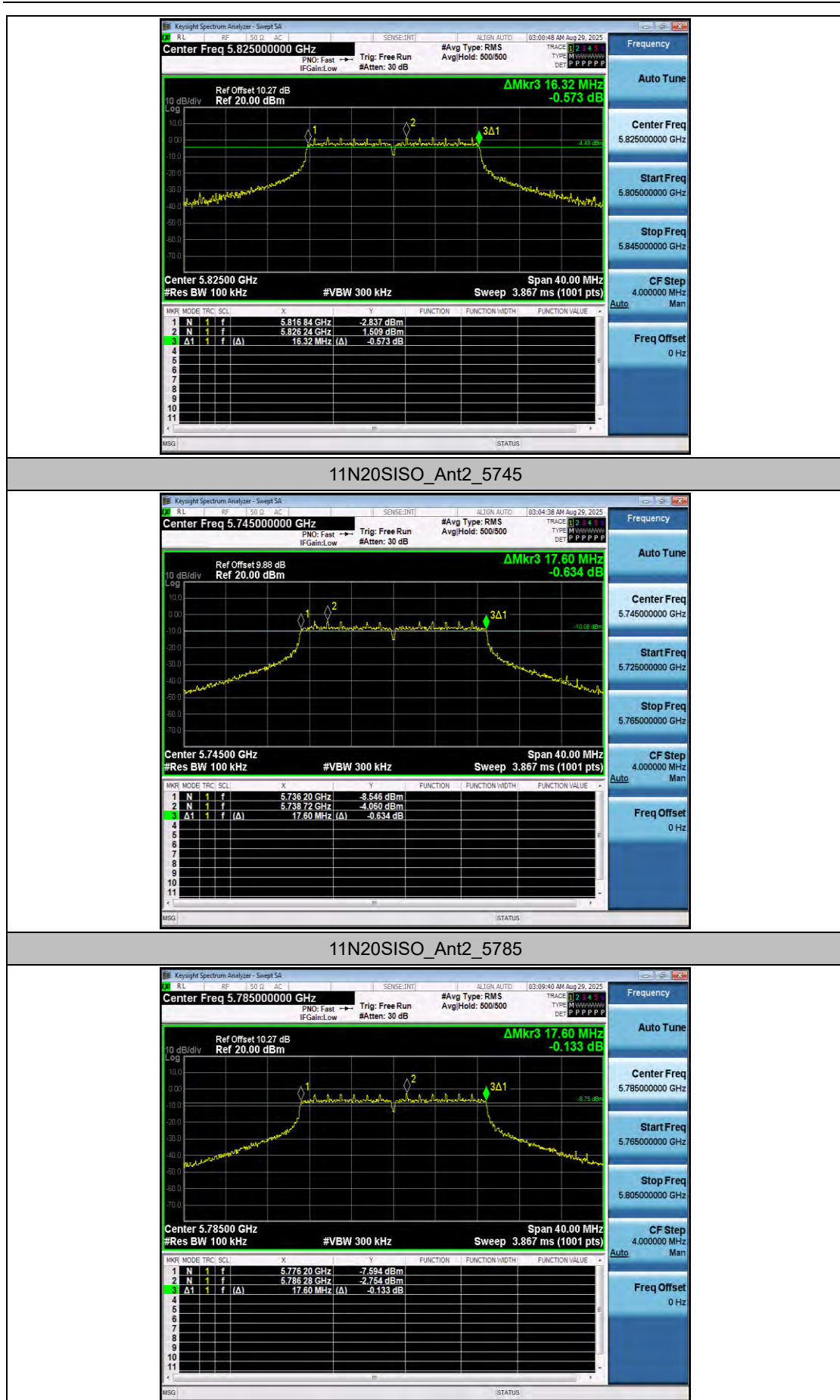
Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.360	5776.840	5793.200	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant2	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	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant2	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
11AC40SISO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AX20SISO	Ant2	5745	19.000	5735.520	5754.520	0.5	PASS
		5785	18.960	5775.520	5794.480	0.5	PASS
		5825	19.000	5815.520	5834.520	0.5	PASS
11AX40SISO	Ant2	5755	38.160	5735.960	5774.120	0.5	PASS
		5795	38.160	5775.960	5814.120	0.5	PASS

Test Graphs B4

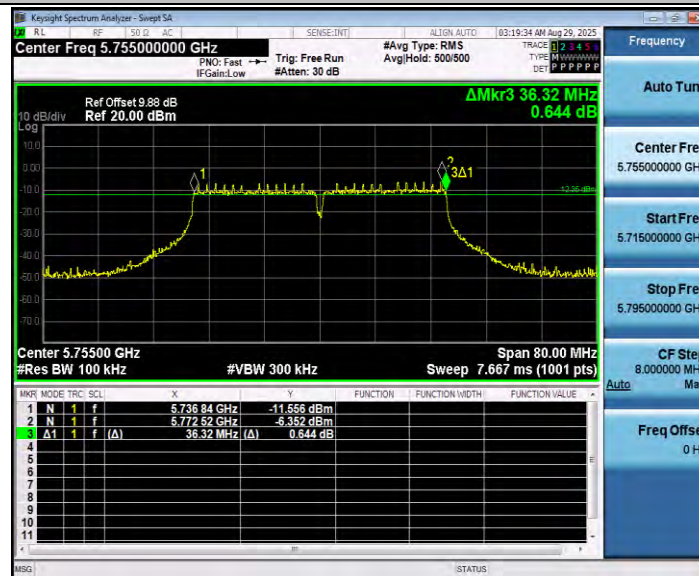




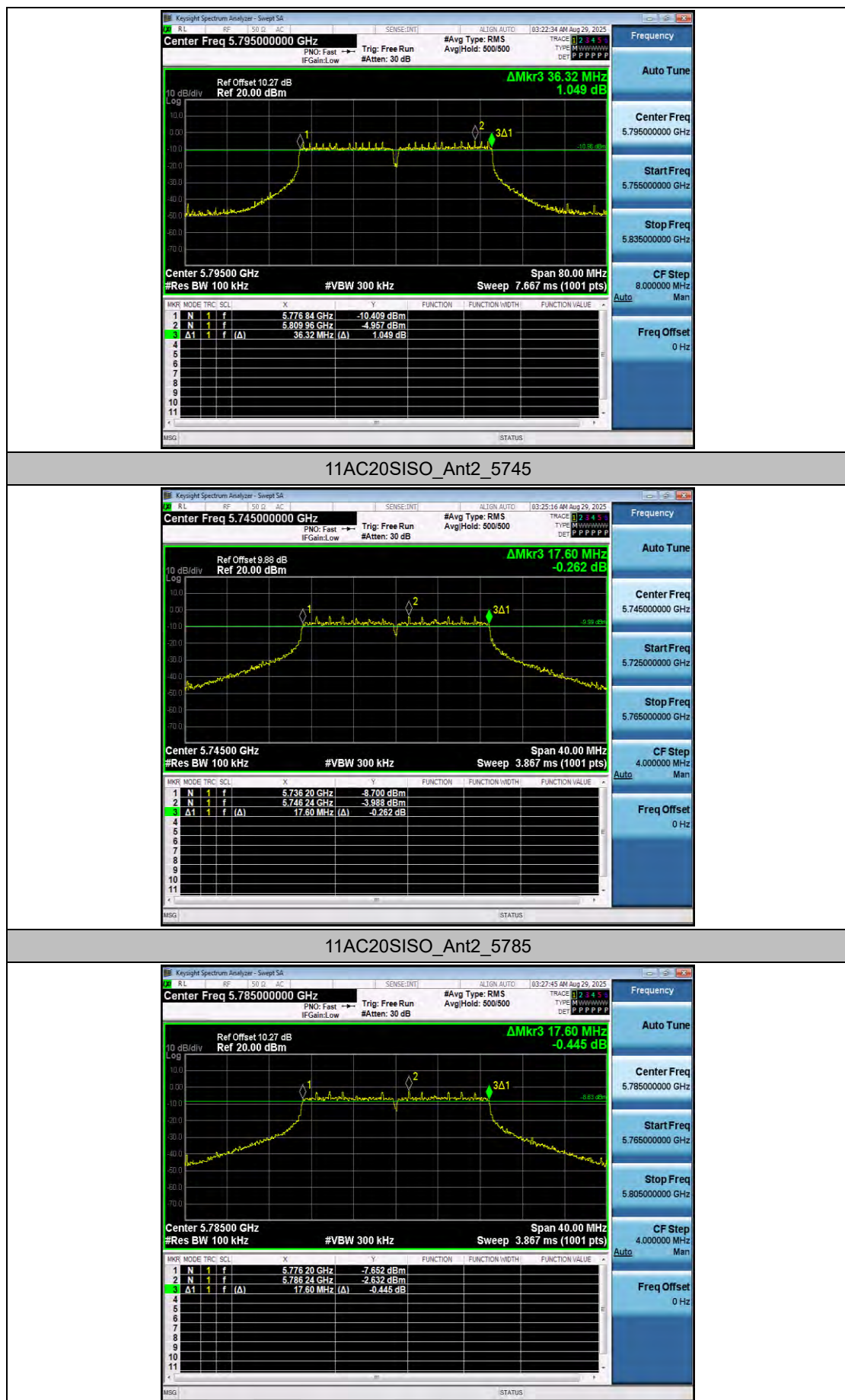
11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



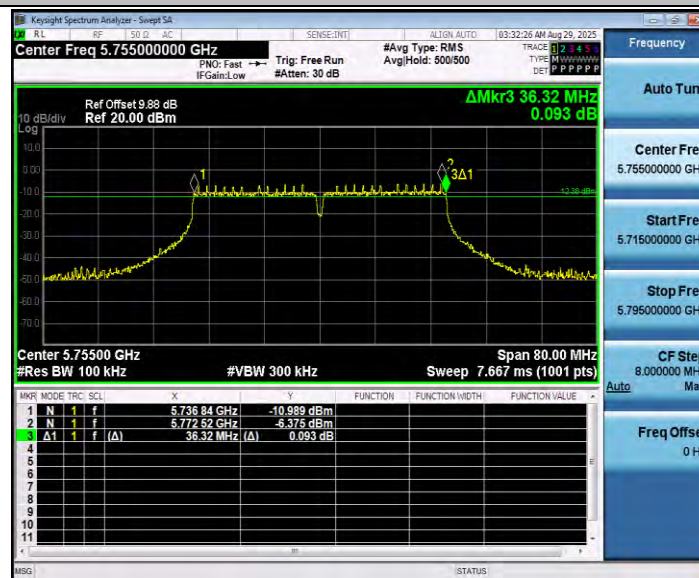
11N40SISO_Ant2_5795



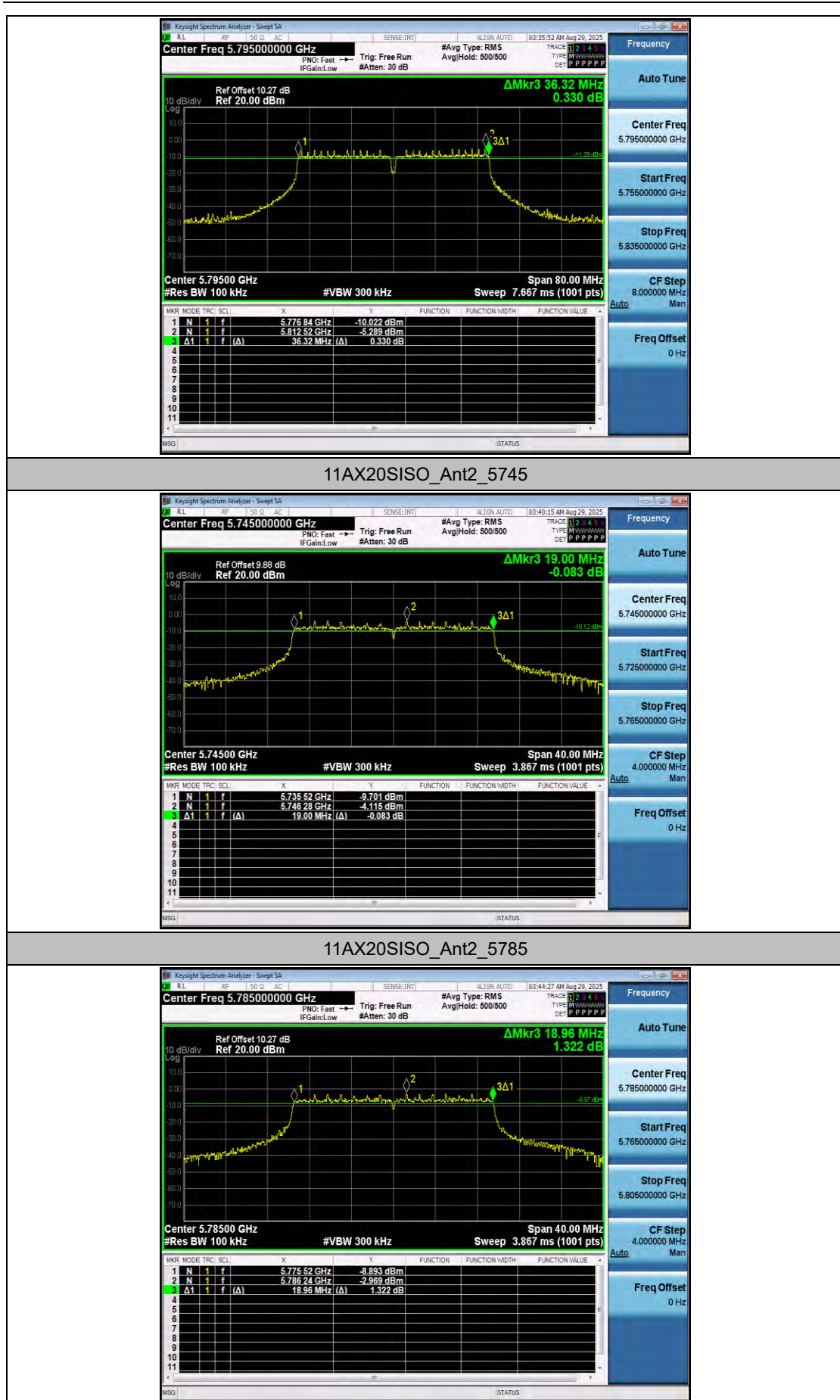
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



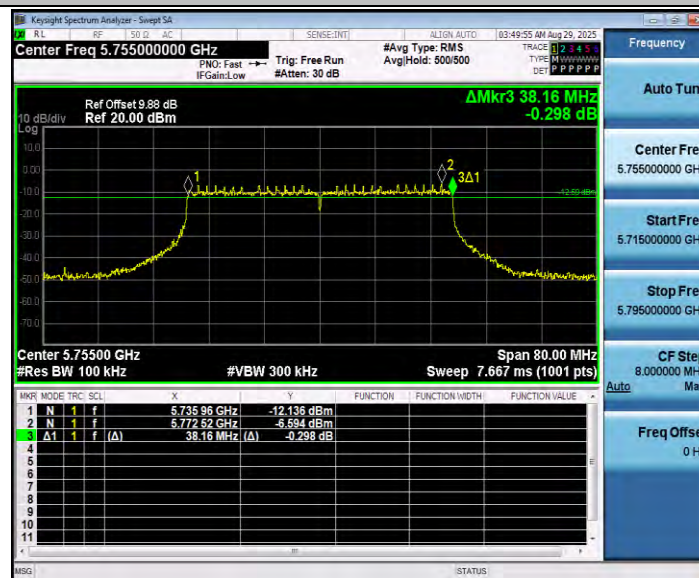
11AC40SISO_Ant2_5795



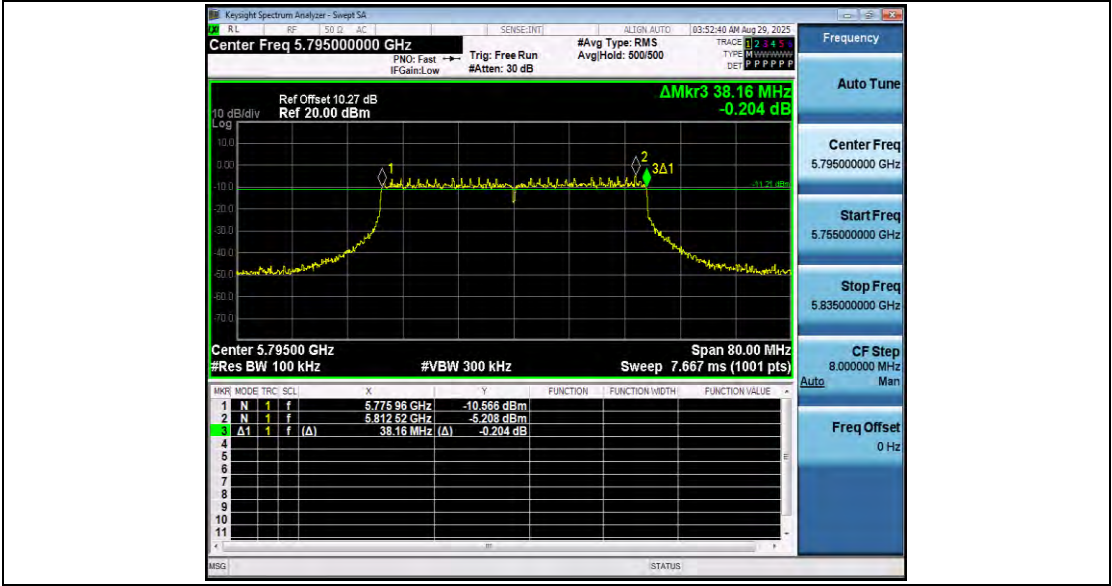
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795

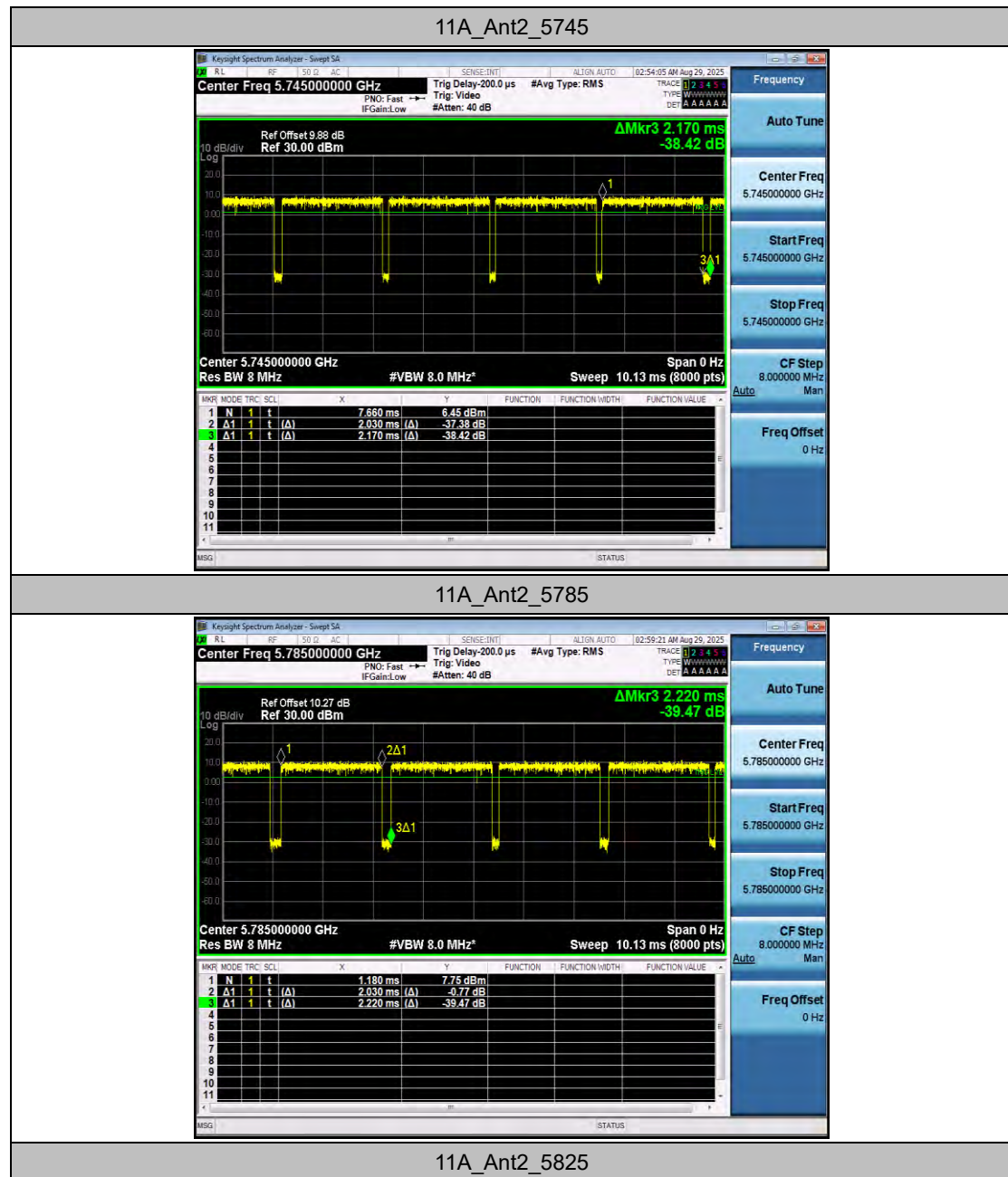


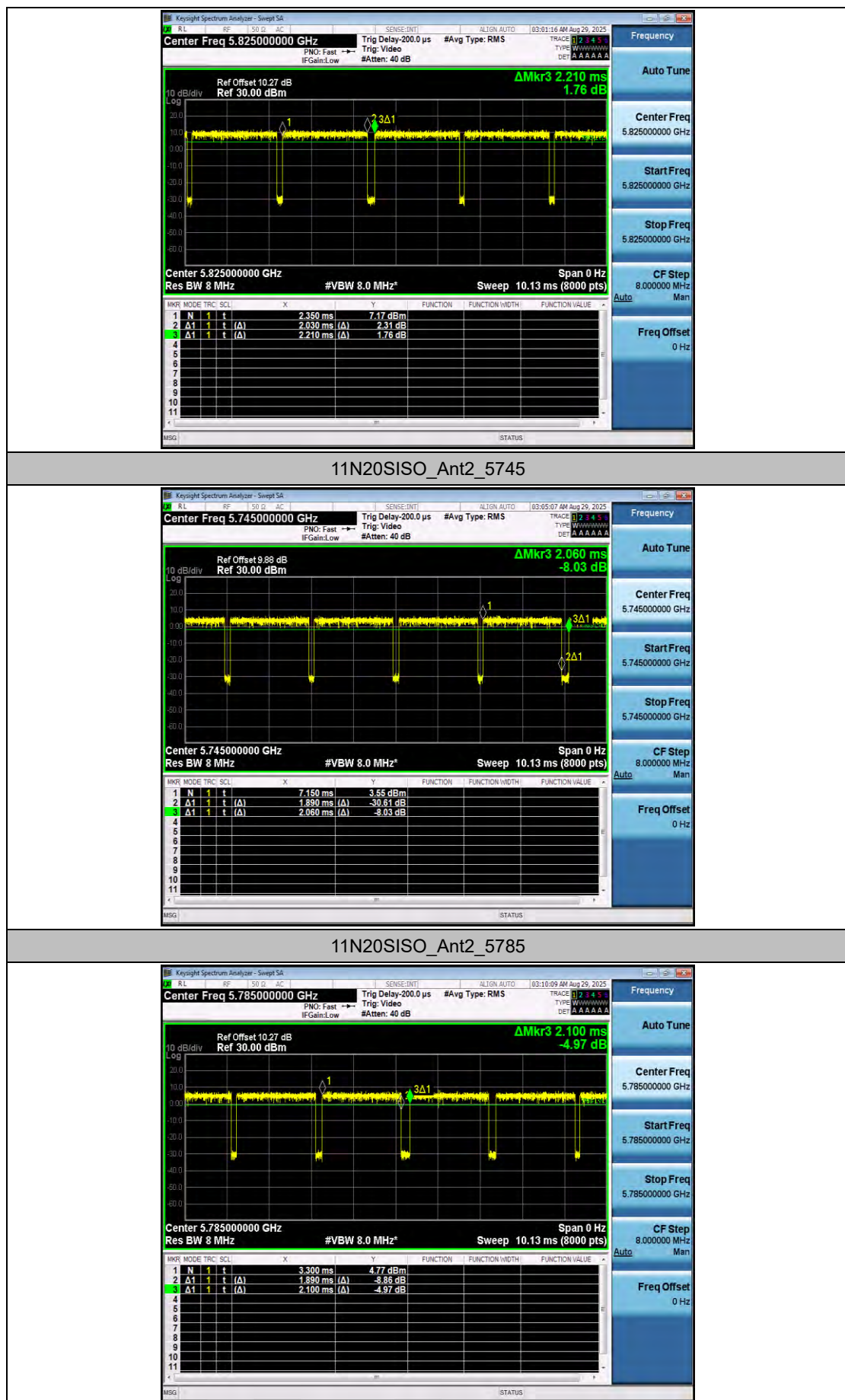
Appendix E.3: Duty Cycle

Test Result

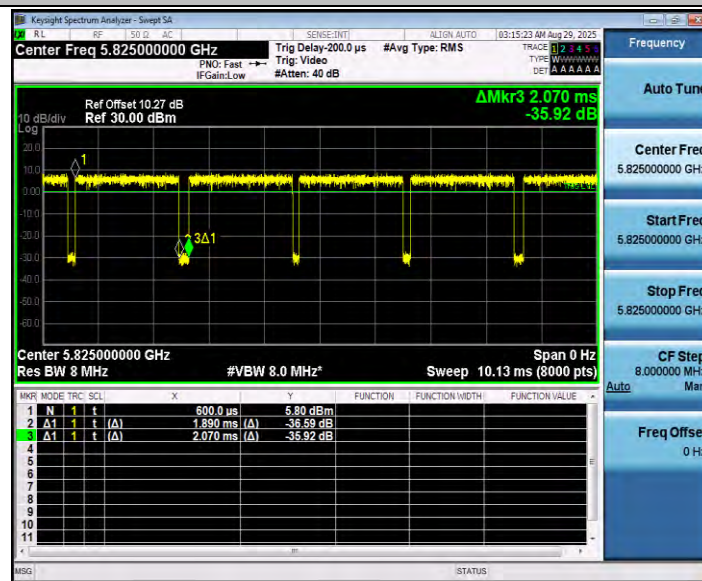
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	2.03	2.17	93.55	0.29	0.49
		5785	2.03	2.22	91.44	0.39	0.49
		5825	2.03	2.21	91.86	0.37	0.49
11N20SISO	Ant2	5745	1.89	2.06	91.75	0.37	0.53
		5785	1.89	2.10	90.00	0.46	0.53
		5825	1.89	2.07	91.30	0.40	0.53
11N40SISO	Ant2	5755	0.93	1.10	84.55	0.73	1.08
		5795	0.94	1.11	84.68	0.72	1.06
11AC20SISO	Ant2	5745	1.90	2.06	92.23	0.35	0.53
		5785	1.90	2.07	91.79	0.37	0.53
		5825	1.90	2.13	89.20	0.50	0.53
11AC40SISO	Ant2	5755	0.94	1.09	86.24	0.64	1.06
		5795	0.94	1.11	84.68	0.72	1.06
11AX20SISO	Ant2	5745	1.46	1.60	91.25	0.40	0.68
		5785	1.46	1.62	90.12	0.45	0.68
		5825	1.46	1.68	86.90	0.61	0.68
11AX40SISO	Ant2	5755	0.76	0.88	86.36	0.64	1.32
		5795	0.76	0.94	80.85	0.92	1.32

Test Graphs

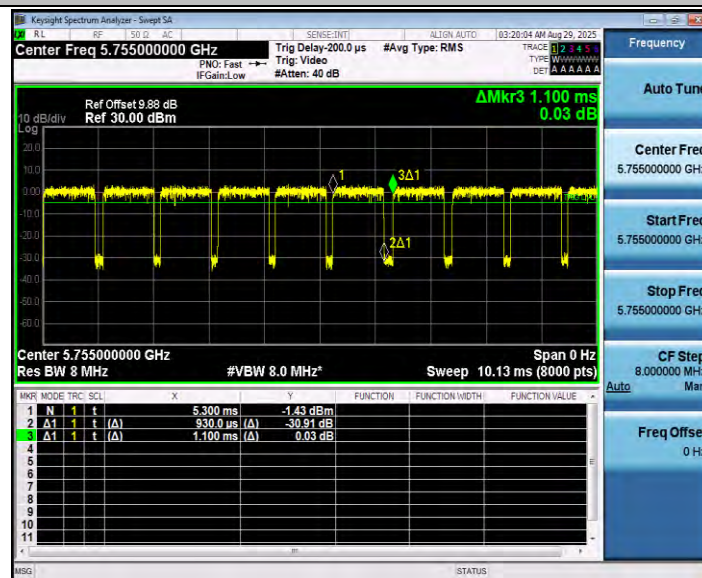




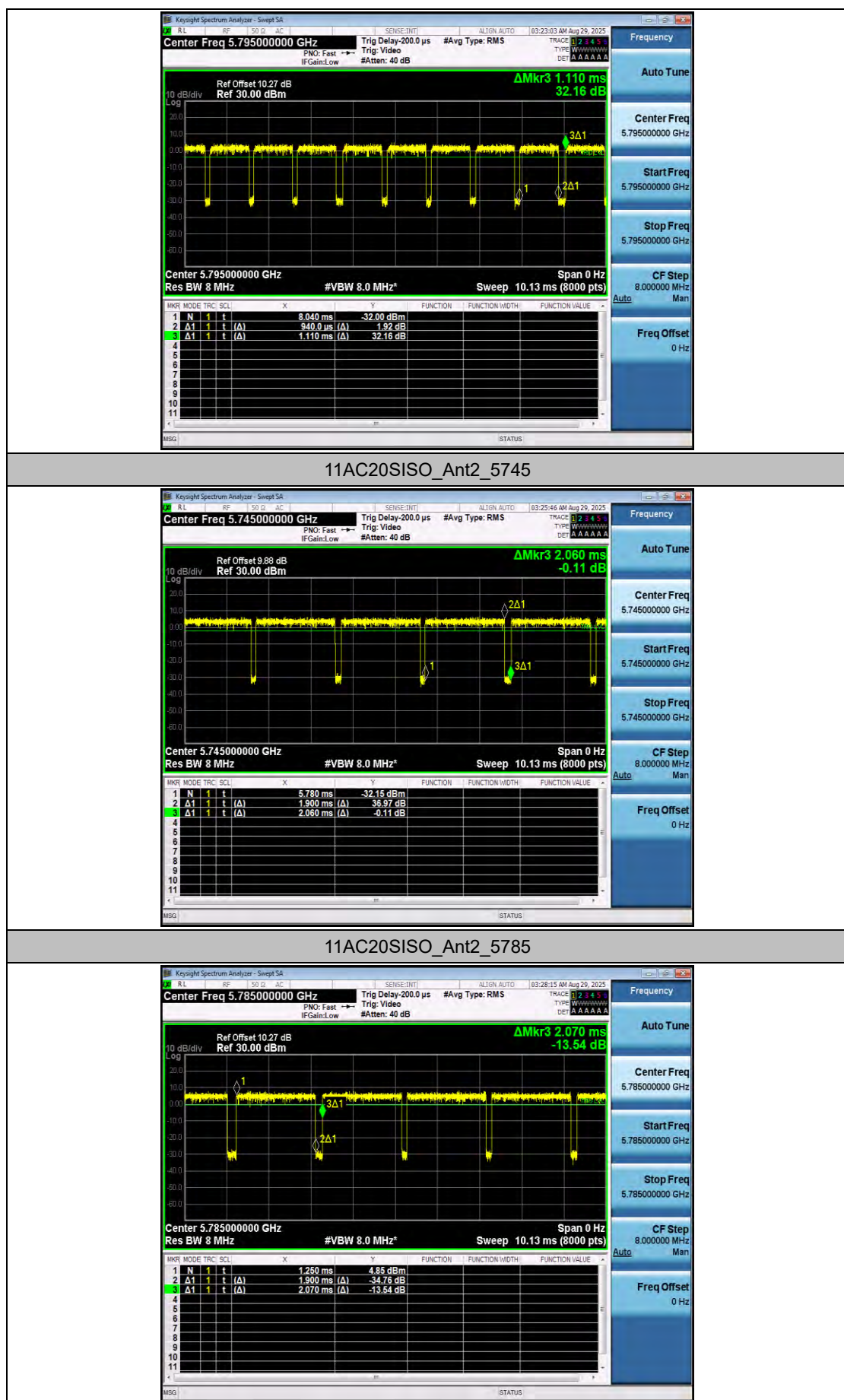
11N20SISO_Ant2_5825

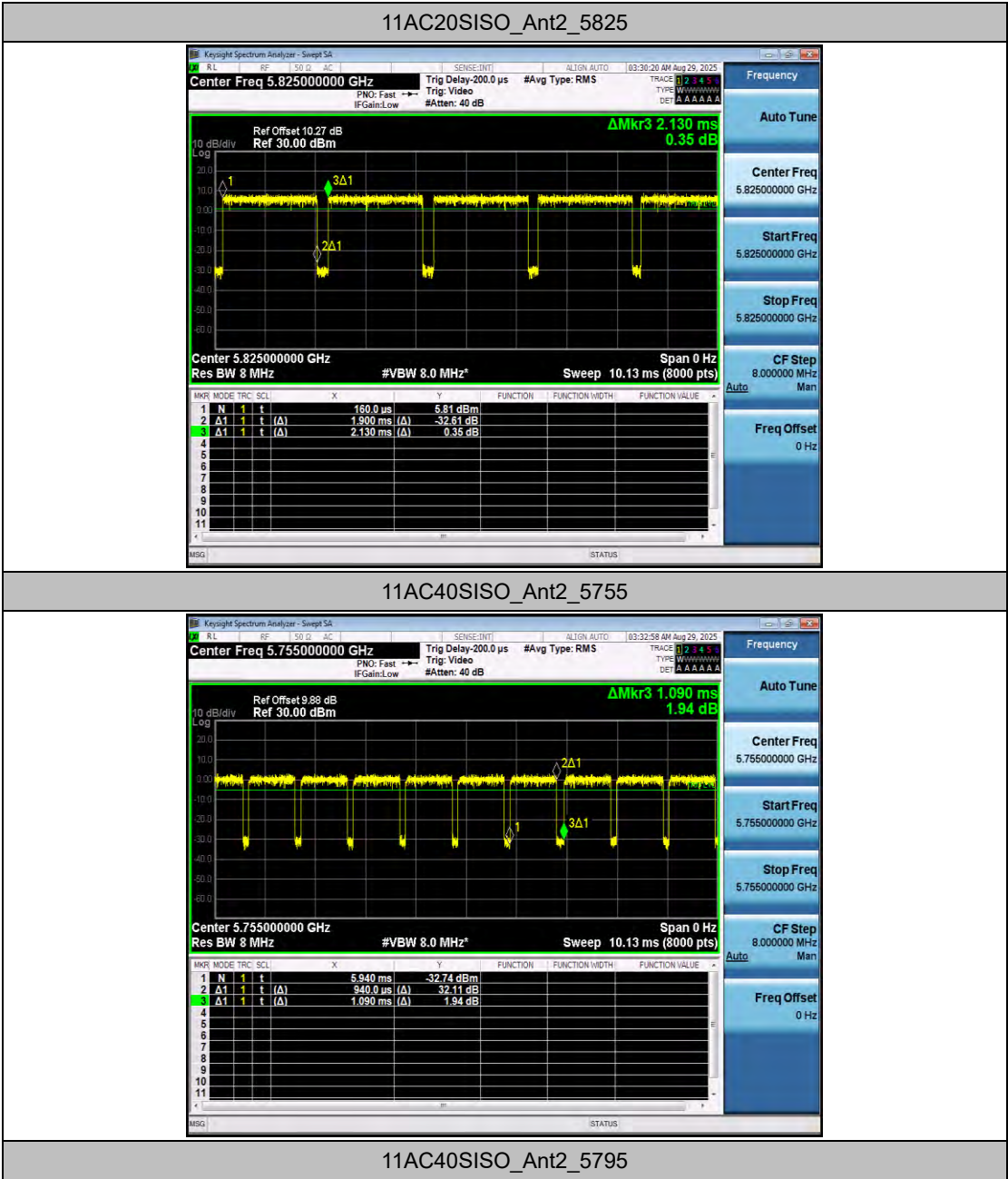


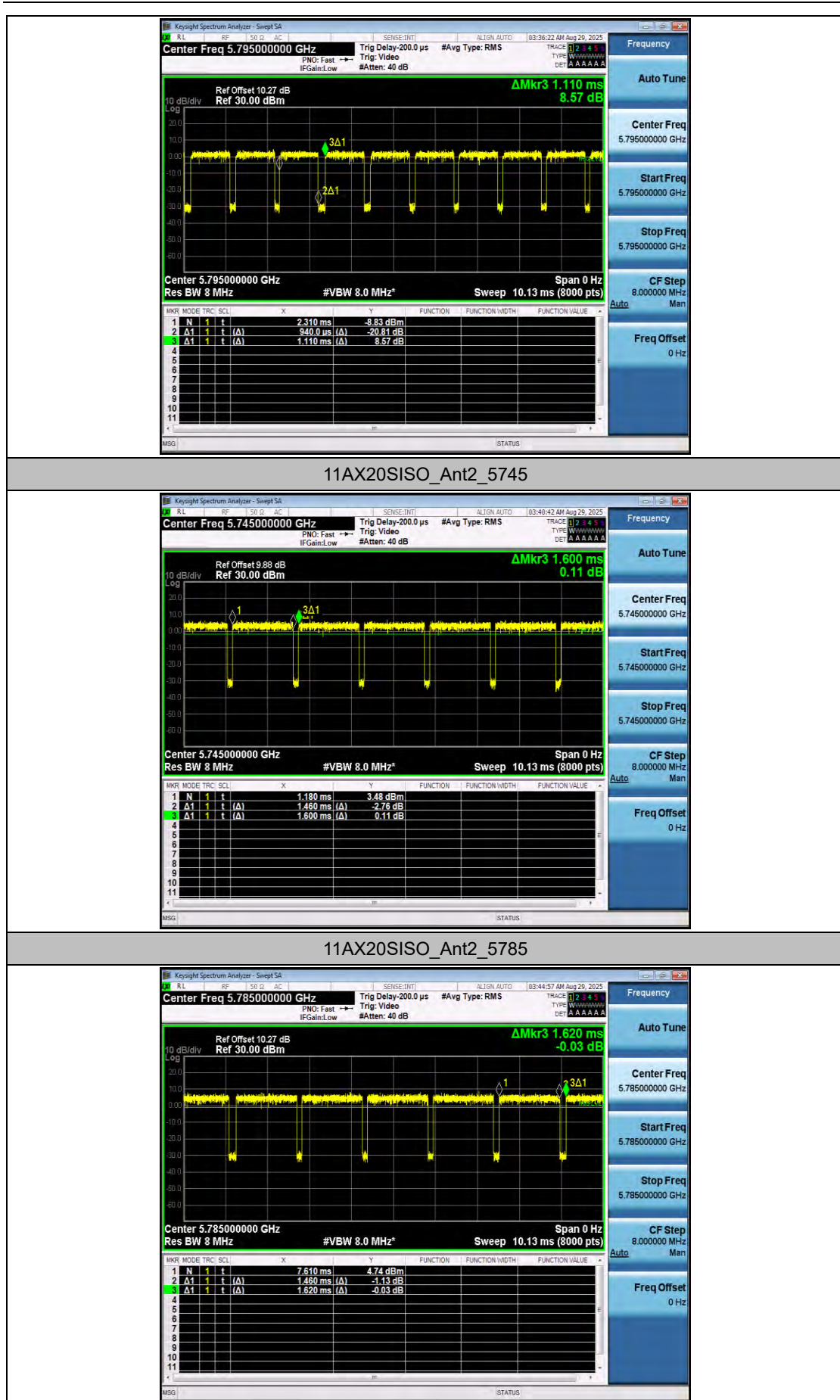
11N40SISO_Ant2_5755



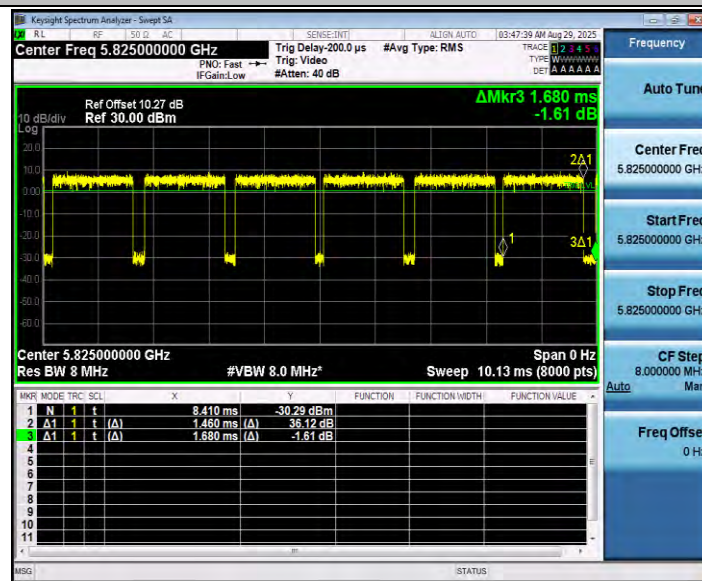
11N40SISO_Ant2_5795



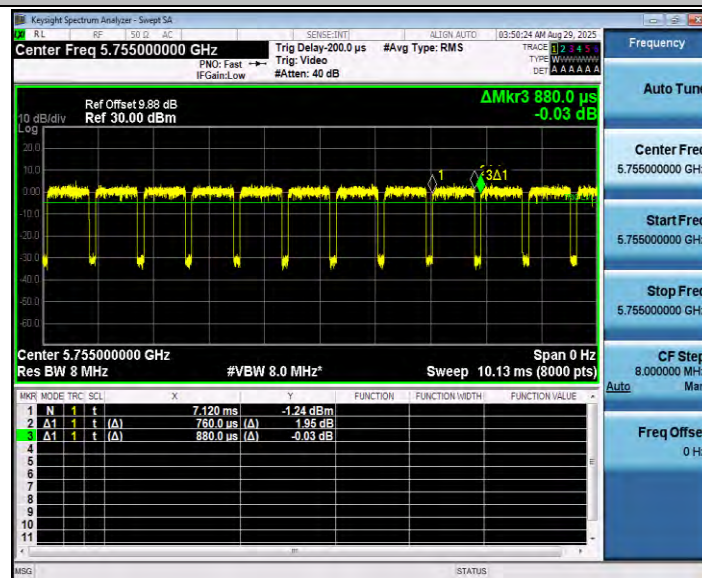




11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_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	Ant2	5745	10.09	93.55	0.29	10.38	≤30.00	PASS
		5785	11.14	91.44	0.39	11.53	≤30.00	PASS
		5825	12.43	91.86	0.37	12.80	≤30.00	PASS
11N20SISO	Ant2	5745	6.93	91.75	0.37	7.30	≤30.00	PASS
		5785	8.19	90.00	0.46	8.65	≤30.00	PASS
		5825	9.20	91.30	0.40	9.60	≤30.00	PASS
11N40SISO	Ant2	5755	7.02	84.55	0.73	7.75	≤30.00	PASS
		5795	8.14	84.68	0.72	8.86	≤30.00	PASS
11AC20SISO	Ant2	5745	7.08	92.23	0.35	7.43	≤30.00	PASS
		5785	8.26	91.79	0.37	8.63	≤30.00	PASS
		5825	9.23	89.20	0.50	9.73	≤30.00	PASS
11AC40SISO	Ant2	5755	6.78	86.24	0.64	7.42	≤30.00	PASS
		5795	8.00	84.68	0.72	8.72	≤30.00	PASS
11AX20SISO	Ant2	5745	6.82	91.25	0.40	7.22	≤30.00	PASS
		5785	7.96	90.12	0.45	8.41	≤30.00	PASS
		5825	9.22	86.90	0.61	9.83	≤30.00	PASS
11AX40SISO	Ant2	5755	6.69	86.36	0.64	7.33	≤30.00	PASS
		5795	7.90	80.85	0.92	8.82	≤30.00	PASS

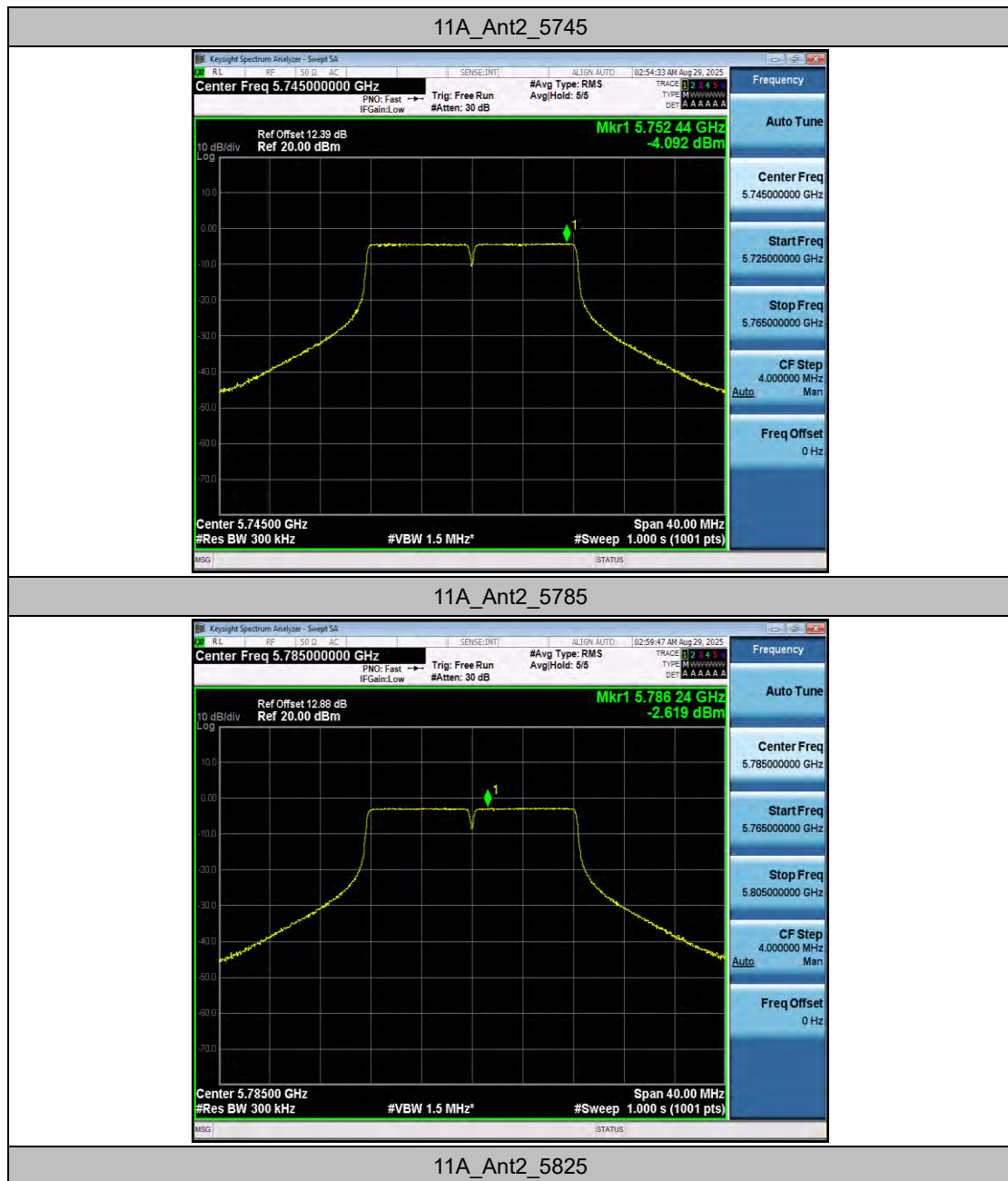
Appendix E.5: Maximum power spectral density

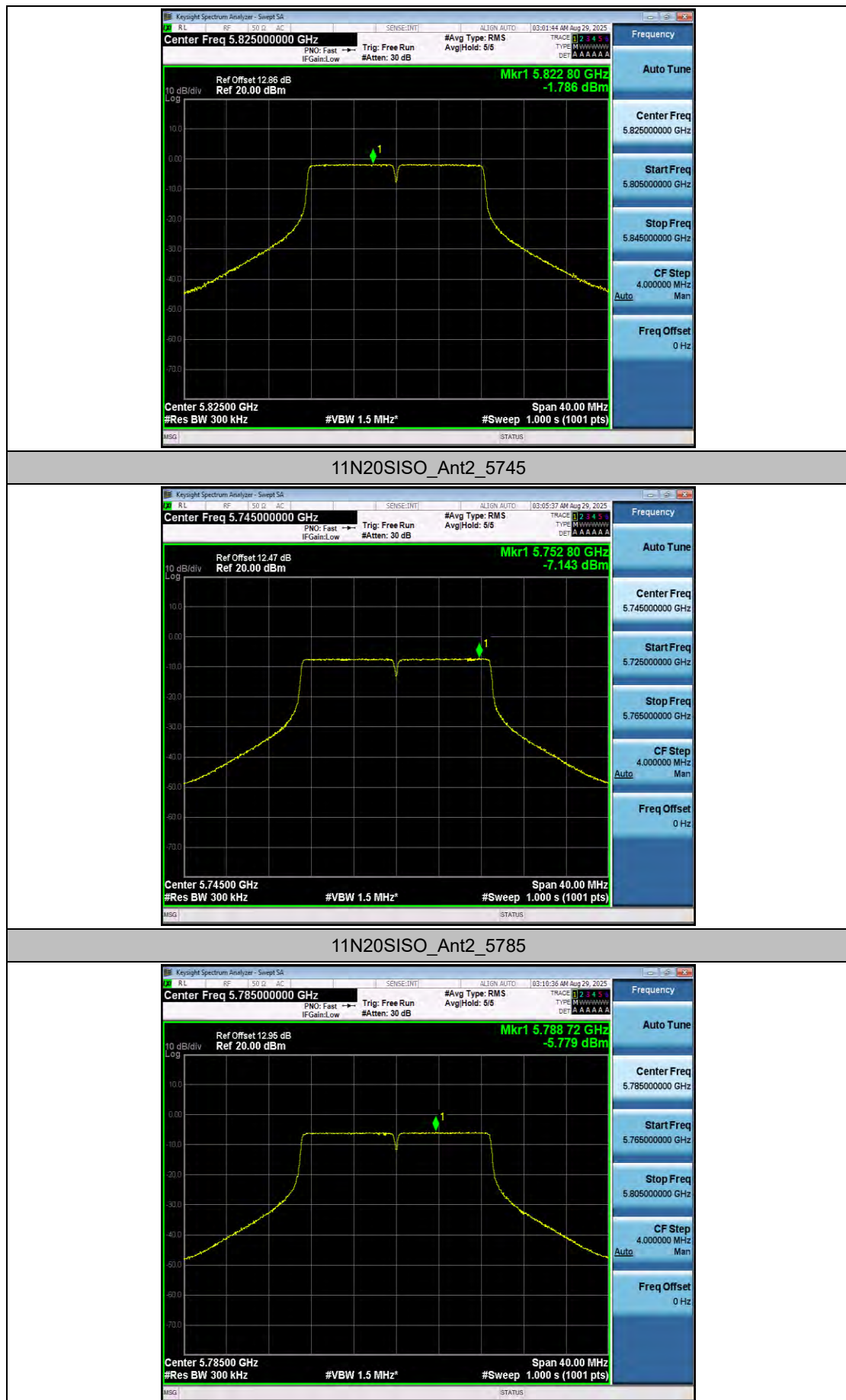
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-4.09	≤30.00	PASS
		5785	-2.62	≤30.00	PASS
		5825	-1.79	≤30.00	PASS
11N20SISO	Ant2	5745	-7.14	≤30.00	PASS
		5785	-5.78	≤30.00	PASS
		5825	-5.03	≤30.00	PASS
11N40SISO	Ant2	5755	-9.66	≤30.00	PASS
		5795	-8.36	≤30.00	PASS
11AC20SISO	Ant2	5745	-7.28	≤30.00	PASS
		5785	-5.92	≤30.00	PASS
		5825	-4.84	≤30.00	PASS
11AC40SISO	Ant2	5755	-9.94	≤30.00	PASS
		5795	-8.50	≤30.00	PASS
11AX20SISO	Ant2	5745	-7.69	≤30.00	PASS
		5785	-6.36	≤30.00	PASS
		5825	-5.30	≤30.00	PASS
11AX40SISO	Ant2	5755	-10.19	≤30.00	PASS
		5795	-8.55	≤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_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



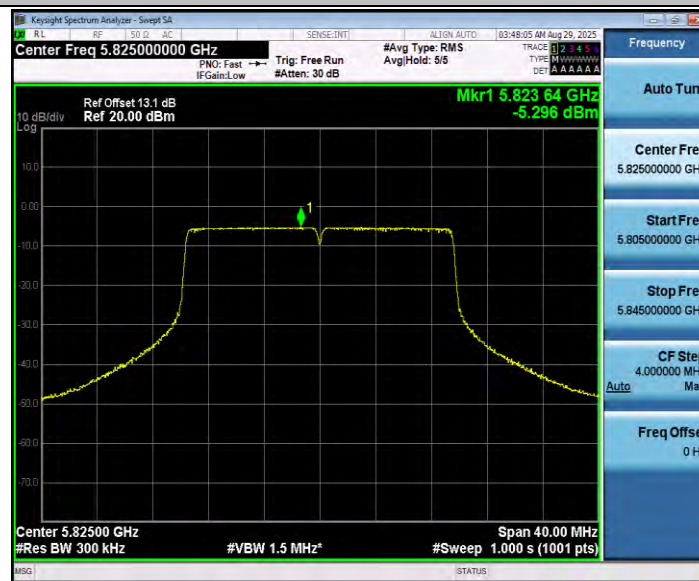
11AX20ISO_Ant2_5745



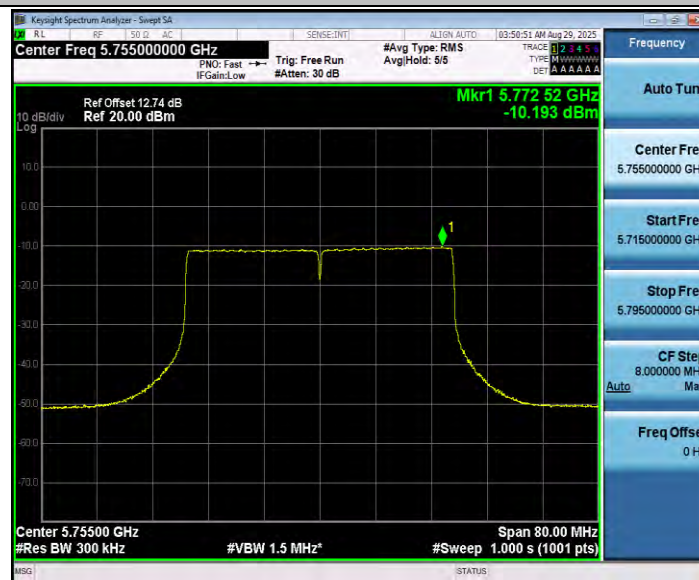
11AX20ISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



Appendix E.6: Band edge measurements

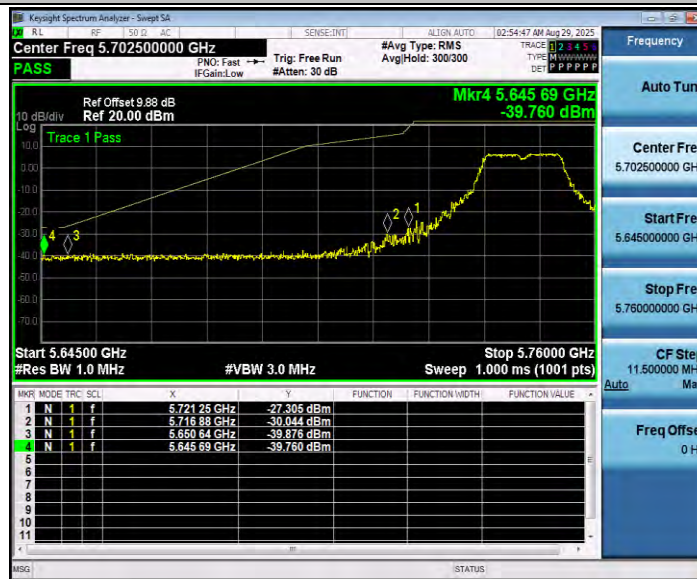
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-39.88	≤-26.53	PASS
				5700~5720	-30.04	≤14.73	PASS
				5720~5725	-27.31	≤18.44	PASS
				5760~5650	-39.76	≤-27	PASS
		High	5825	5850~5855	-28.3	≤18.80	PASS
				5855~5875	-31.86	≤13.80	PASS
				5875~5925	-38.89	≤-26.71	PASS
				5925~5935	-37.76	≤-27	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-39.84	≤-26.87	PASS
				5700~5720	-35.05	≤13.44	PASS
				5720~5725	-27.95	≤20.54	PASS
				5760~5650	-39.53	≤-27	PASS
		High	5825	5850~5855	-35.52	≤15.73	PASS
				5855~5875	-31.51	≤15.35	PASS
				5875~5925	-38.42	≤-26.41	PASS
				5925~5935	-38.19	≤-27	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-40.38	≤-26.70	PASS
				5700~5720	-32.08	≤15.05	PASS
				5720~5725	-33.76	≤18.51	PASS
				5780~5650	-39.61	≤-27	PASS
		High	5795	5850~5855	-36.74	≤15.66	PASS
				5855~5875	-37.61	≤10.29	PASS
				5875~5925	-39.09	≤-26.83	PASS
				5925~5935	-37.97	≤-27	PASS
11AC20SISO	Ant2	Low	5745	5650~5700	-40.32	≤-26.96	PASS
				5700~5720	-35.01	≤12.86	PASS
				5720~5725	-28.54	≤16.34	PASS
				5760~5650	-39.74	≤-27	PASS
		High	5825	5850~5855	-35.89	≤16.03	PASS
				5855~5875	-35.58	≤13.35	PASS
				5875~5925	-38.07	≤-24.61	PASS
				5925~5935	-38.26	≤-27	PASS
11AC40SISO	Ant2	Low	5755	5650~5700	-40.86	≤-26.90	PASS
				5700~5720	-36.4	≤10.82	PASS
				5720~5725	-33.66	≤17.89	PASS

		High	5795	5780~5650	-40.12	≤ -27	PASS
				5850~5855	-38.18	≤ 17.16	PASS
				5855~5875	-39.17	≤ 10.02	PASS
				5875~5925	-38.84	≤ -25.61	PASS
				5925~5935	-38.71	≤ -27	PASS
11AX20SISO	Ant2	Low	5745	5650~5700	-39.96	≤ -26.02	PASS
				5700~5720	-37.21	≤ 11.02	PASS
				5720~5725	-25.15	≤ 23.68	PASS
				5760~5650	-39.65	≤ -27	PASS
		High	5825	5850~5855	-31.13	≤ 19.11	PASS
				5855~5875	-32.35	≤ 15.24	PASS
				5875~5925	-39.3	≤ -26.51	PASS
				5925~5935	-38.7	≤ -27	PASS
11AX40SISO	Ant2	Low	5755	5650~5700	-40.62	≤ -26.90	PASS
				5700~5720	-34.49	≤ 11.72	PASS
				5720~5725	-35.74	≤ 15.74	PASS
				5780~5650	-40.02	≤ -27	PASS
		High	5795	5850~5855	-39.6	≤ 16.03	PASS
				5855~5875	-38.71	≤ 10.53	PASS
				5875~5925	-39.64	≤ -26.95	PASS
				5925~5935	-38.63	≤ -27	PASS

Test Graphs B4

11A_Ant2_Low_5745



11A_Ant2_High_5825



11N20SISO_Ant2_Low_5745