

Case No. : <u>GTS20260113019-1-12</u>
Ambient Condition: <u>24</u> °C, <u>55</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.1.17-2026.3.4</u> Test Engineer: <u>Evan ouyang</u>

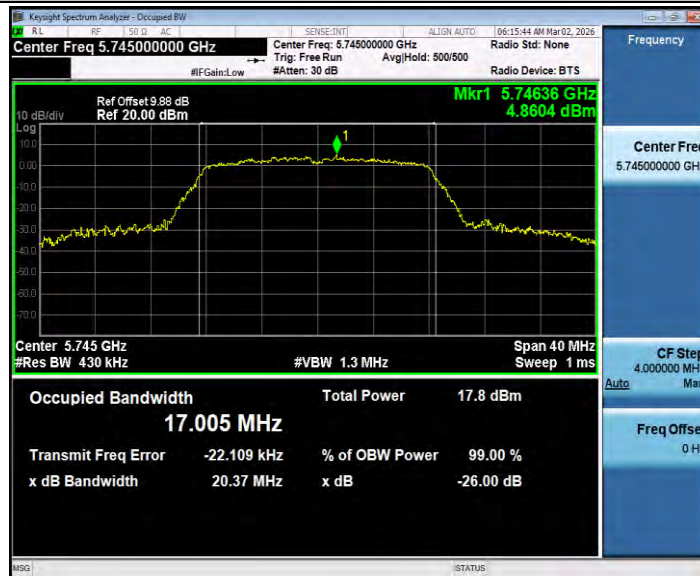
Appendix E.1: Occupied channel bandwidth

Test Result

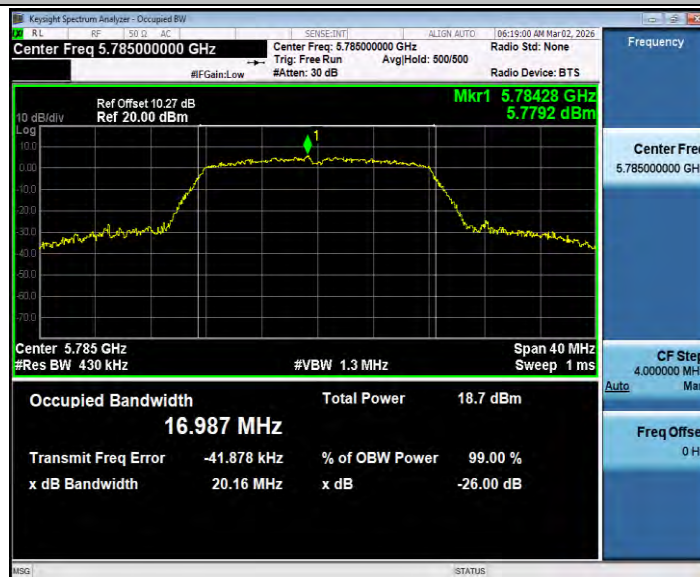
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.005	5736.4754	5753.4804	---	---
		5785	16.987	5776.4646	5793.4516	---	---
		5825	16.961	5816.4469	5833.4079	---	---
11N20SISO	Ant1	5745	17.734	5736.1640	5753.8980	---	---
		5785	17.731	5776.1578	5793.8888	---	---
		5825	17.736	5816.1422	5833.8782	---	---
11N40SISO	Ant1	5755	36.239	5736.9510	5773.1900	---	---
		5795	36.170	5776.9860	5813.1560	---	---
11AC20SISO	Ant1	5745	17.763	5736.1225	5753.8855	---	---
		5785	17.787	5776.1306	5793.9176	---	---
		5825	17.782	5816.1122	5833.8942	---	---
11AC40SISO	Ant1	5755	36.306	5736.9295	5773.2355	---	---
		5795	36.251	5776.9443	5813.1953	---	---
11AC80SISO	Ant1	5775	76.242	5737.0669	5813.3089	---	---

Test Graphs

11A_Ant1_5745



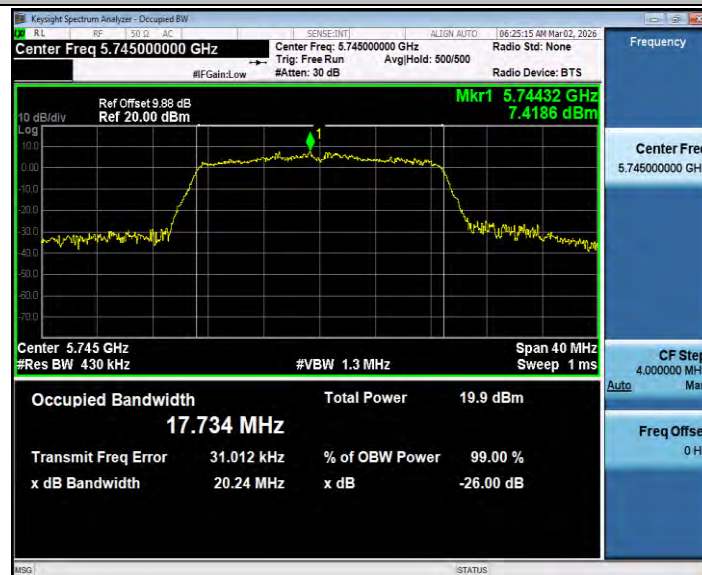
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



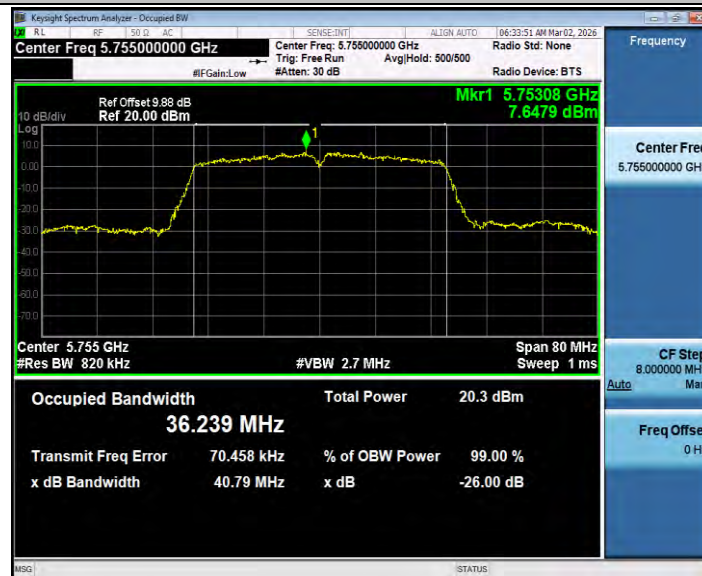
11N20SISO_Ant1_5785



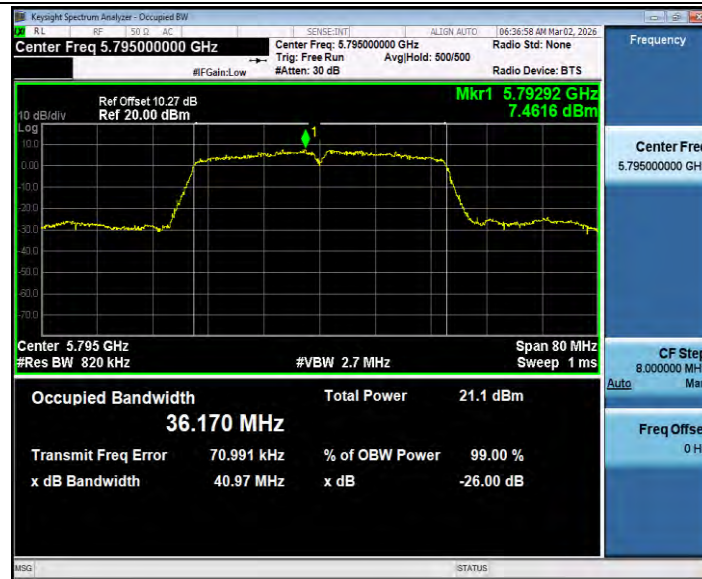
11N20SISO_Ant1_5825



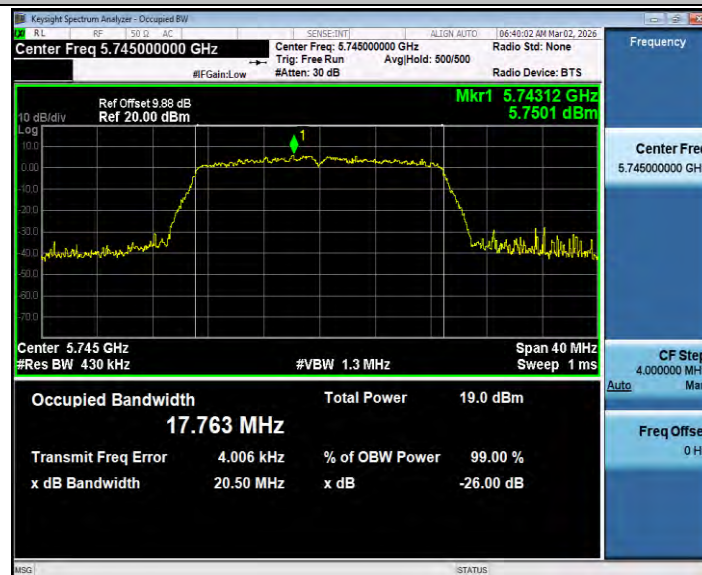
11N40SISO_Ant1_5755



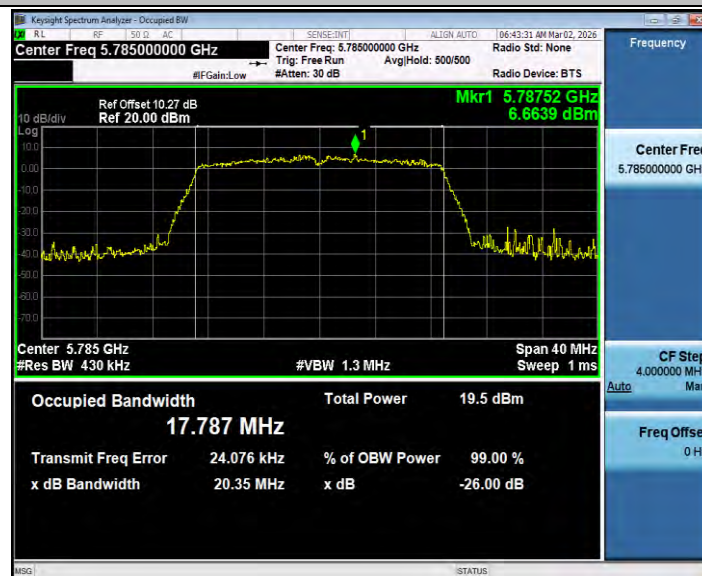
11N40SISO_Ant1_5795



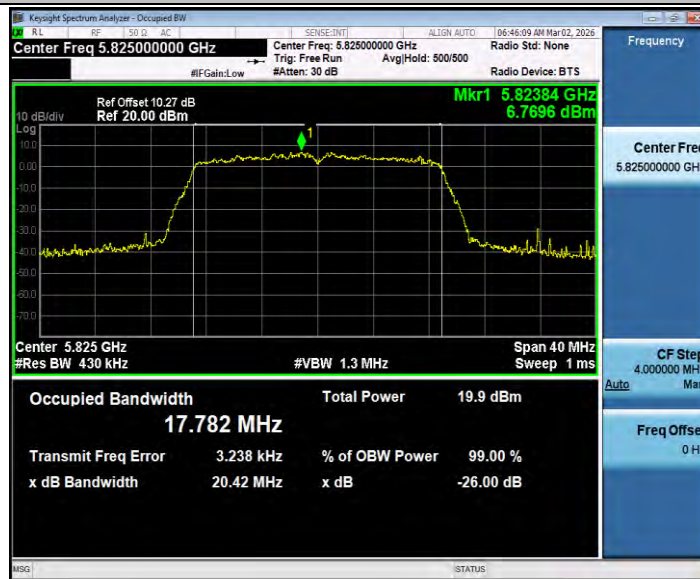
11AC20SISO_Ant1_5745



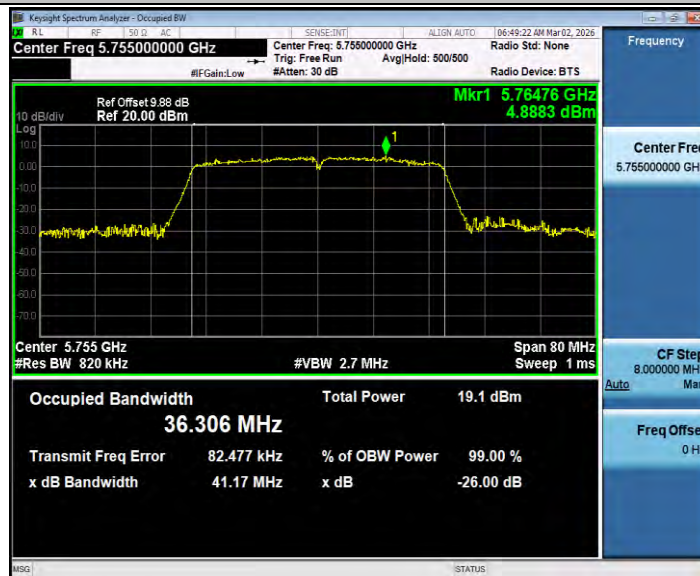
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



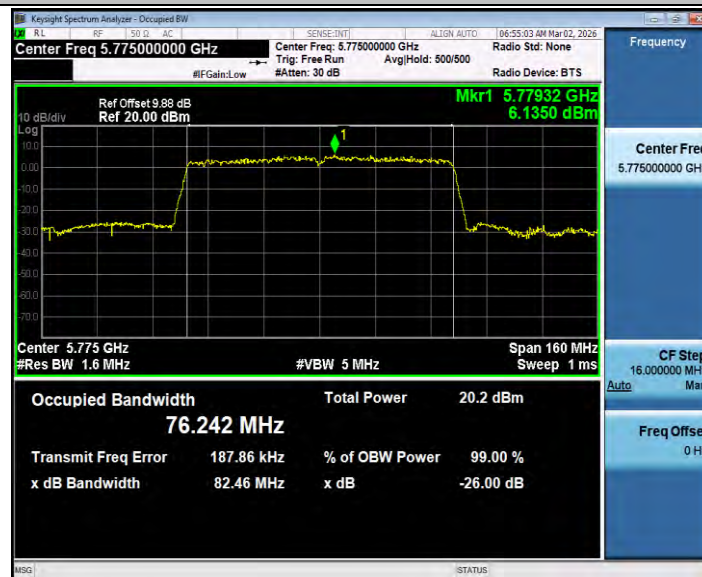
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



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	15.080	5737.440	5752.520	0.5	PASS
		5785	15.120	5777.440	5792.560	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11N20SISO	Ant1	5745	16.600	5736.840	5753.440	0.5	PASS
		5785	16.560	5776.880	5793.440	0.5	PASS
		5825	16.560	5816.880	5833.440	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	16.880	5736.240	5753.120	0.5	PASS
		5785	16.880	5776.240	5793.120	0.5	PASS
		5825	16.600	5816.200	5832.800	0.5	PASS
11AC40SISO	Ant1	5755	35.440	5737.320	5772.760	0.5	PASS
		5795	35.520	5777.240	5812.760	0.5	PASS
11AC80SISO	Ant1	5775	75.680	5737.400	5813.080	0.5	PASS

Test Graphs B4

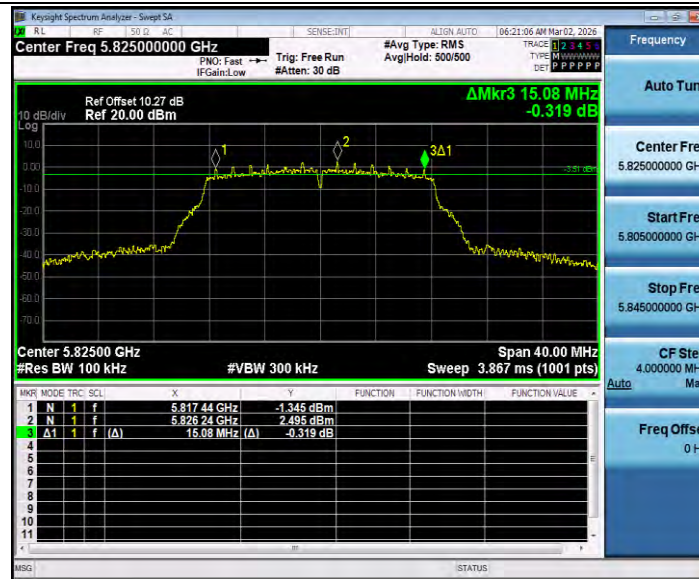
11A_Ant1_5745



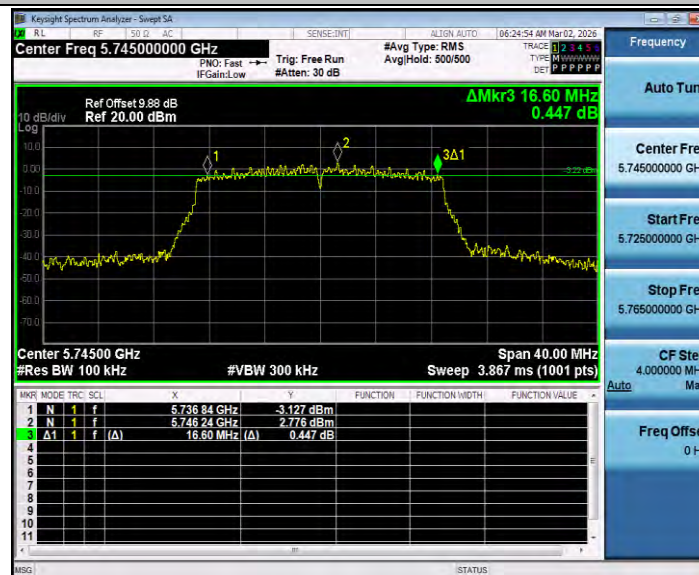
11A_Ant1_5785



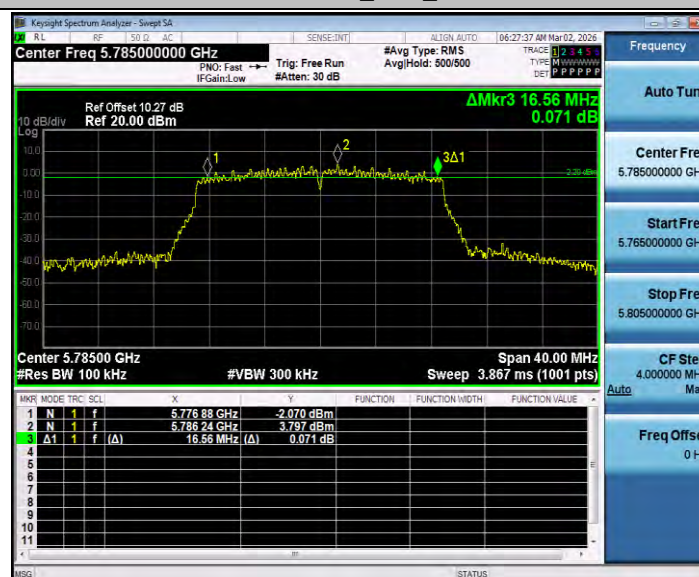
11A_Ant1_5825



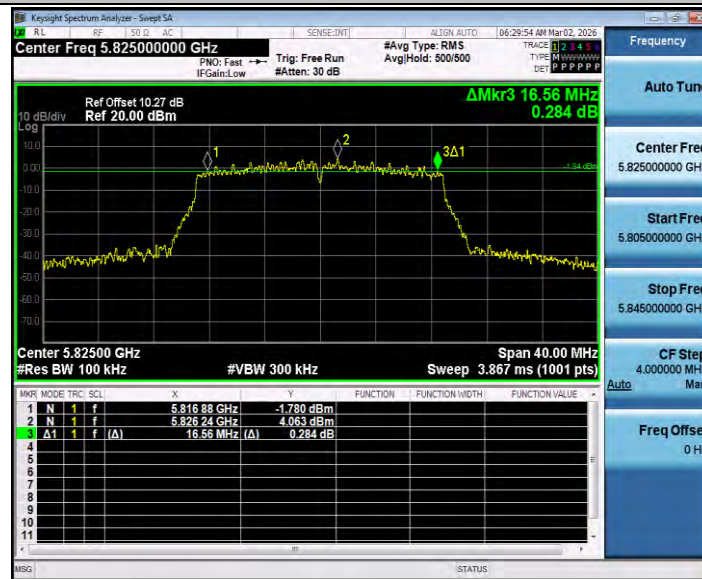
11N20SISO_Ant1_5745



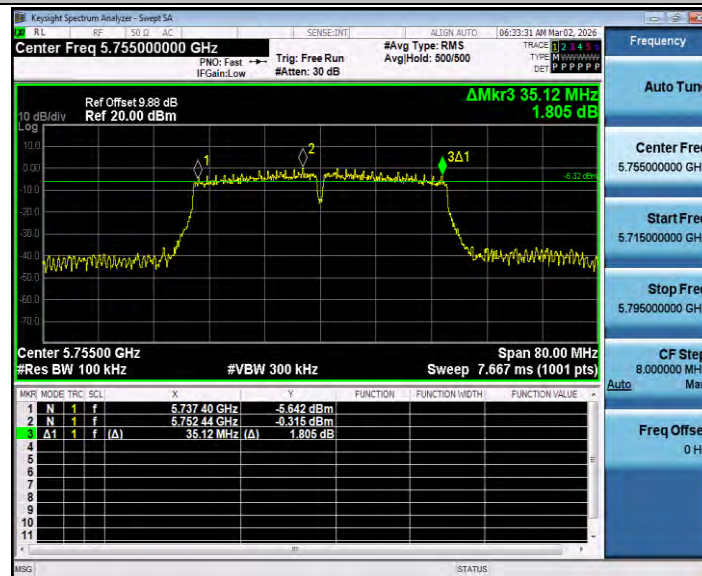
11N20SISO_Ant1_5785



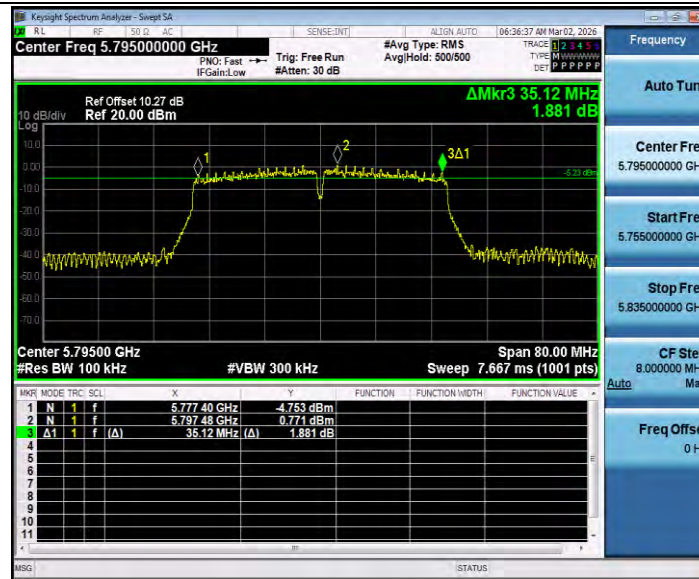
11N20SISO_Ant1_5825



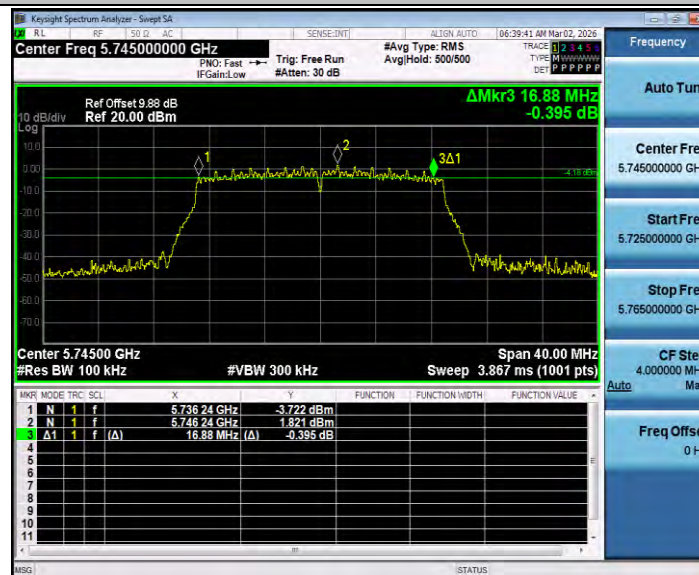
11N40SISO_Ant1_5755



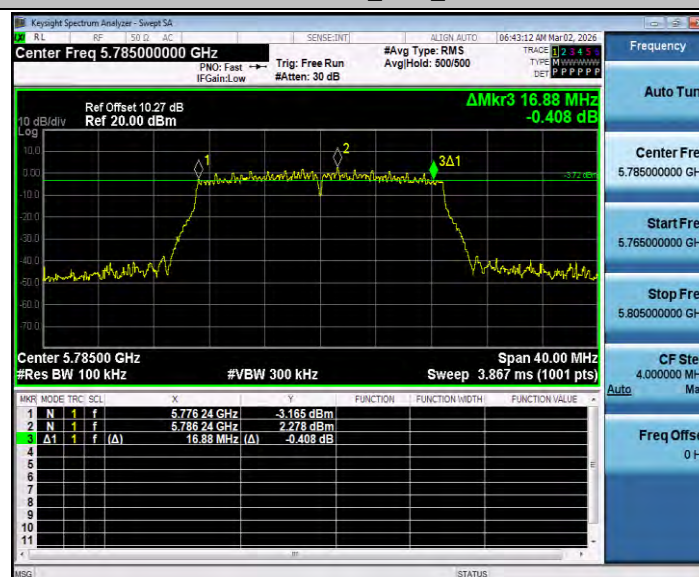
11N40SISO_Ant1_5795



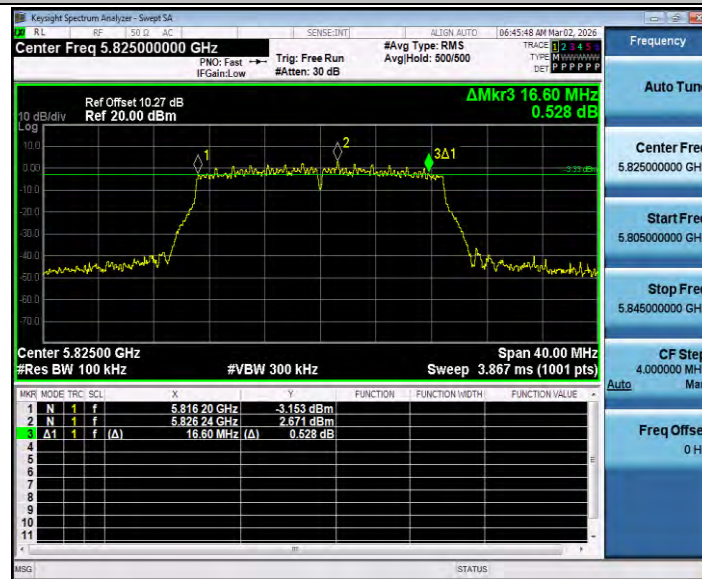
11AC20SISO_Ant1_5745



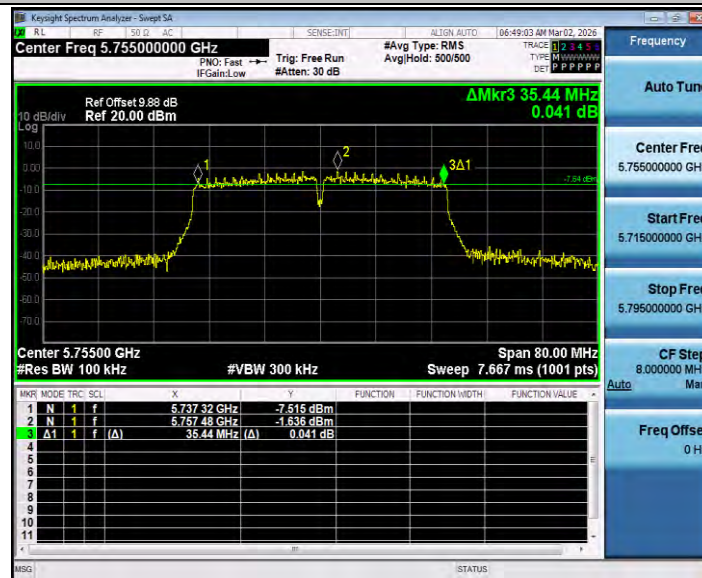
11AC20SISO_Ant1_5785



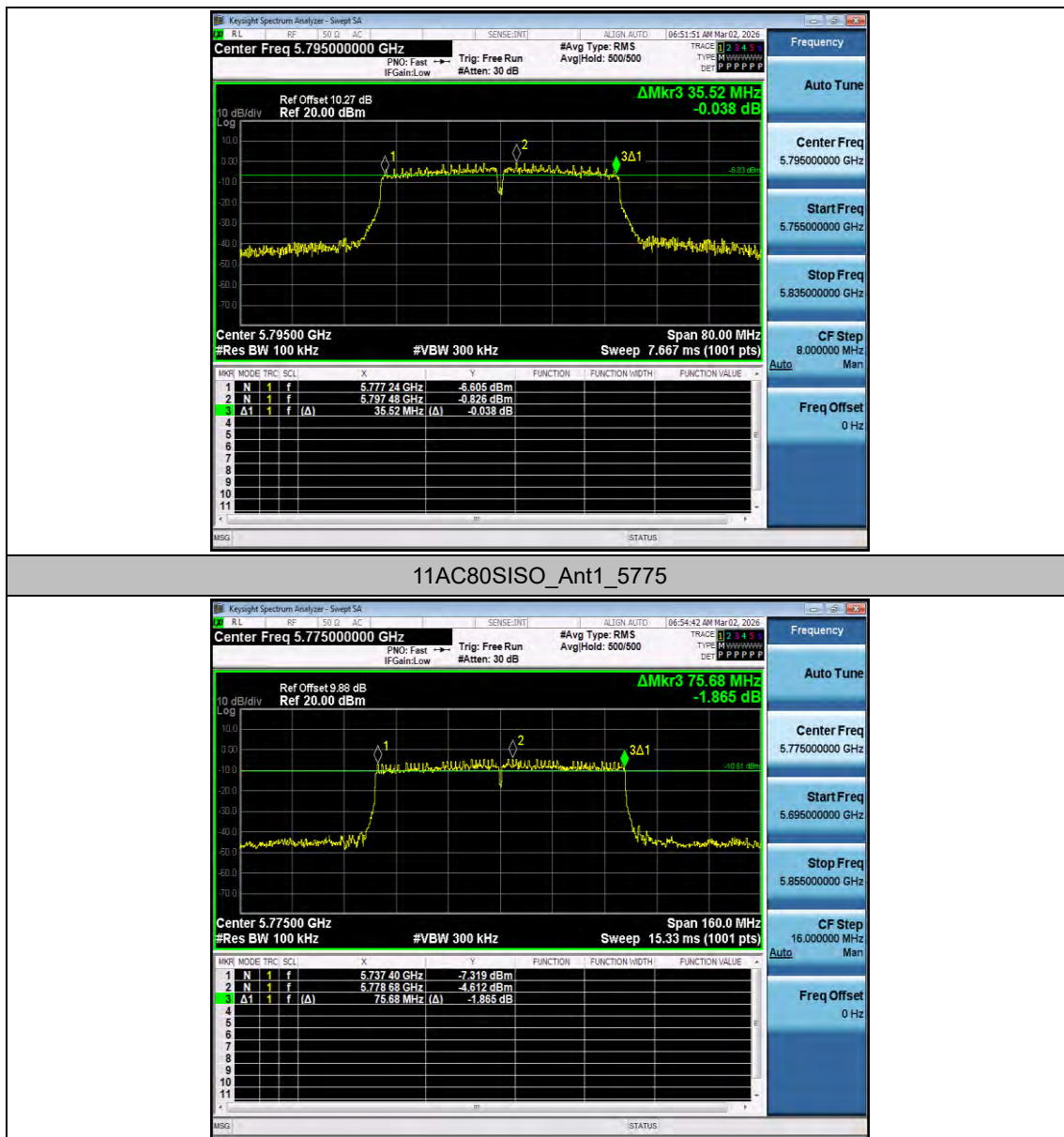
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

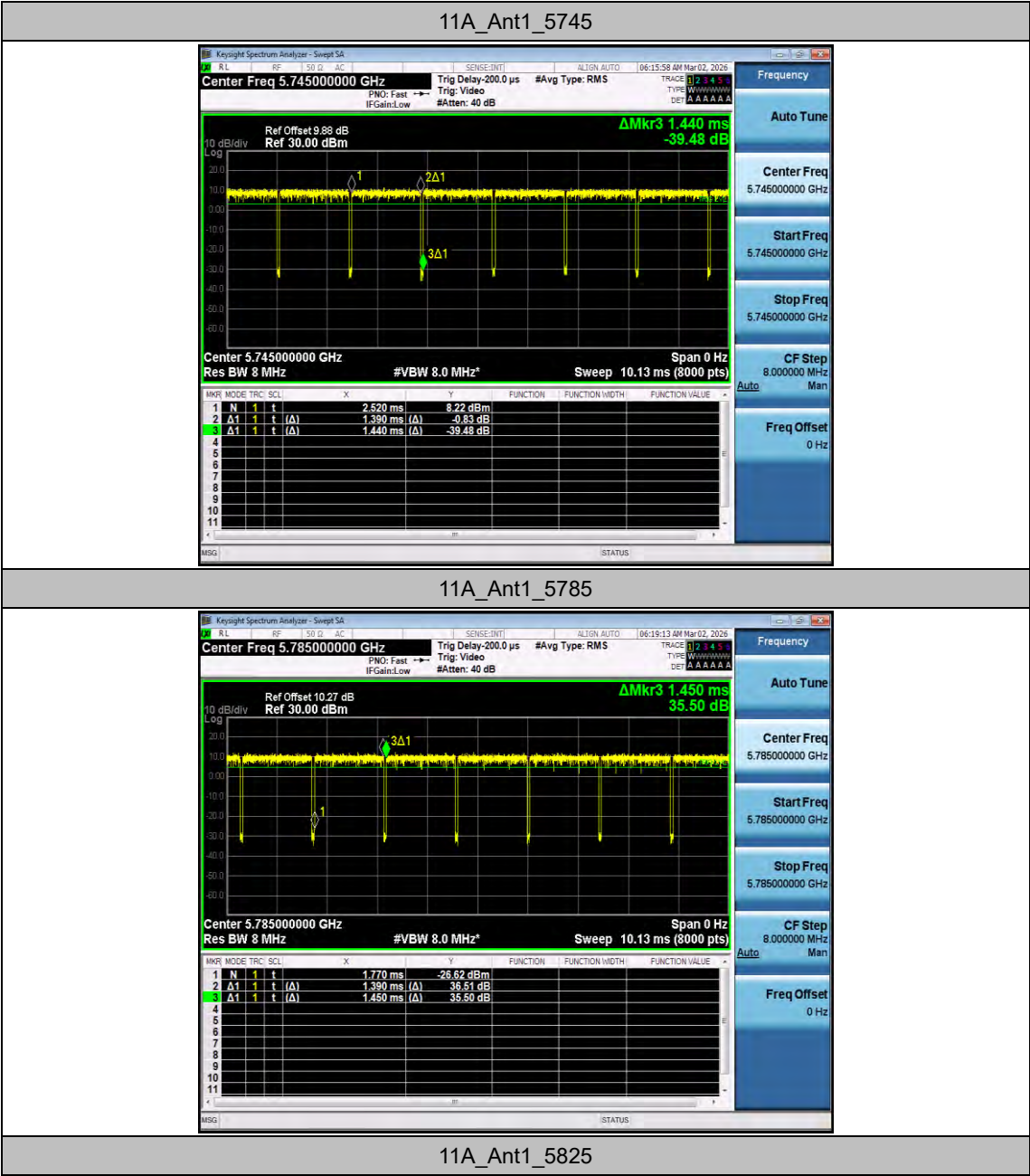


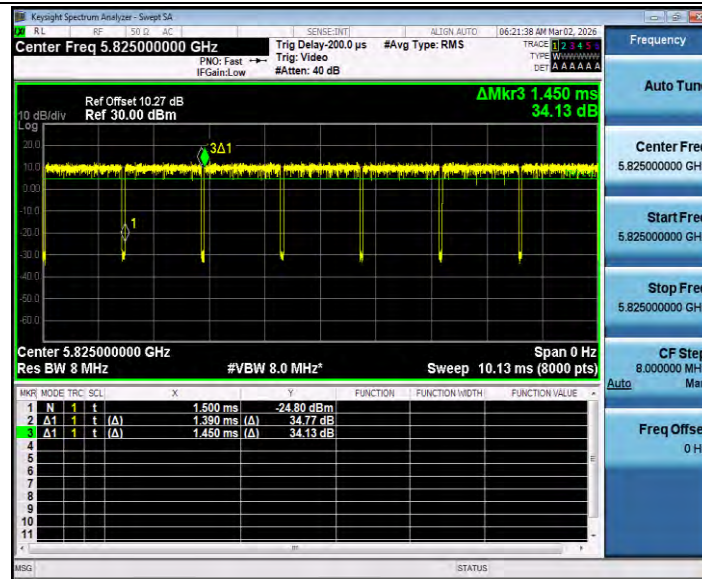
Appendix E.3: Duty Cycle

Test Result

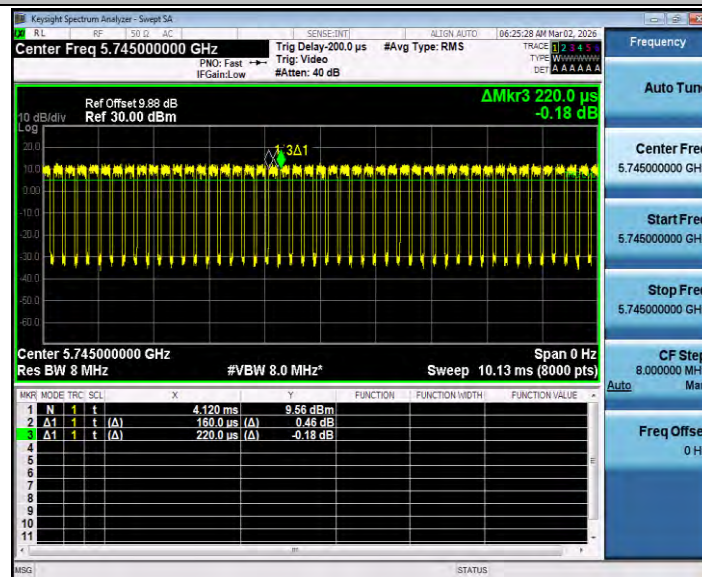
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.39	1.44	96.53	0.15	0.72
		5785	1.39	1.45	95.86	0.18	0.72
		5825	1.39	1.45	95.86	0.18	0.72
11N20SISO	Ant1	5745	0.16	0.22	72.73	1.38	6.25
		5785	0.14	0.20	70.00	1.55	7.14
		5825	0.16	0.21	76.19	1.18	6.25
11N40SISO	Ant1	5755	0.09	0.15	60.00	2.22	11.11
		5795	0.10	0.15	66.67	1.76	10.00
11AC20SISO	Ant1	5745	0.15	0.20	75.00	1.25	6.67
		5785	0.14	0.20	70.00	1.55	7.14
		5825	0.15	0.20	75.00	1.25	6.67
11AC40SISO	Ant1	5755	0.09	0.14	64.29	1.92	11.11
		5795	0.08	0.14	57.14	2.43	12.50
11AC80SISO	Ant1	5775	0.06	0.12	50.00	3.01	16.67

Test Graphs

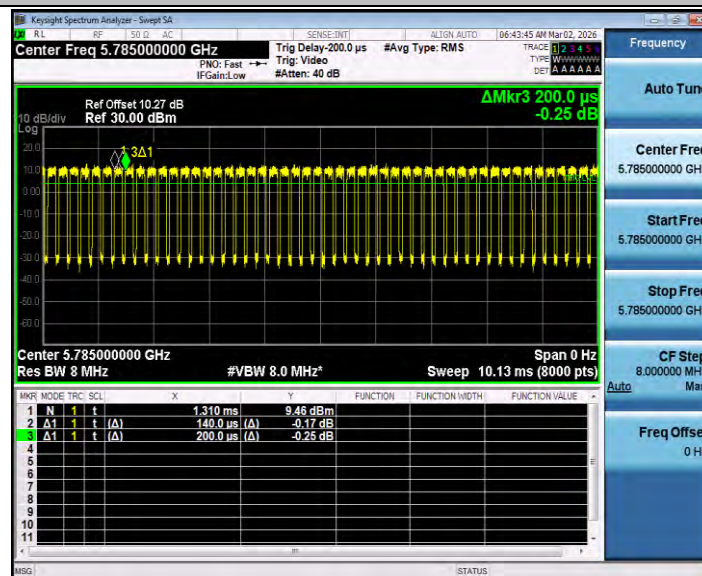




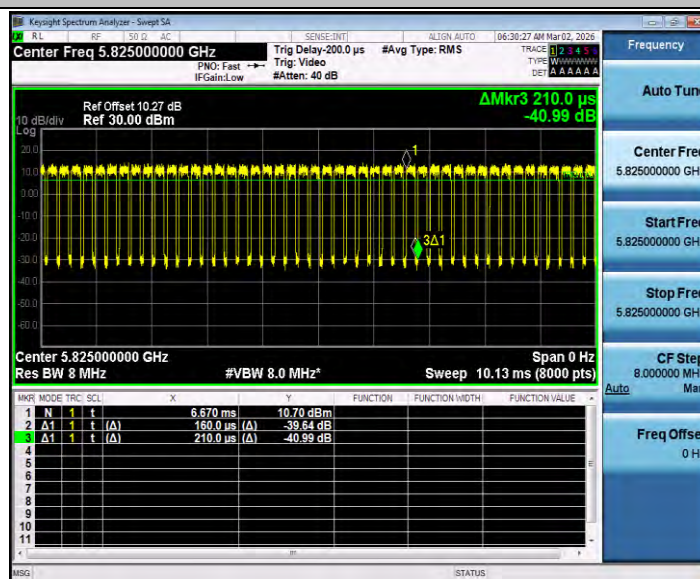
11N20SISO_Ant1_5745



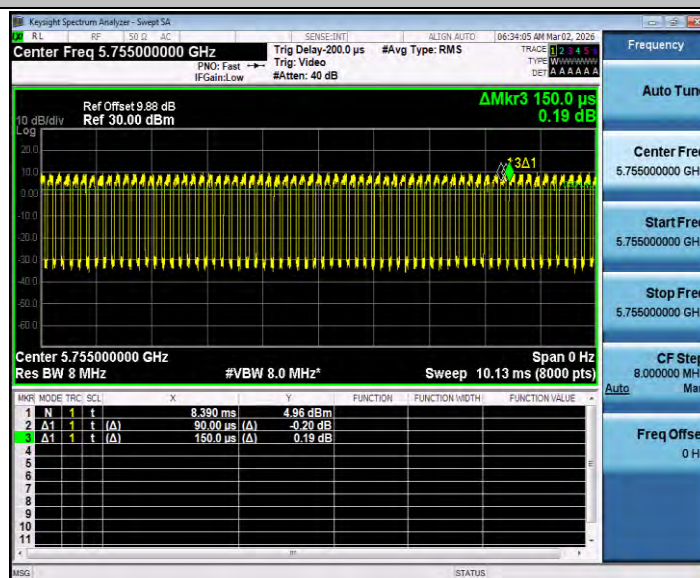
11N20SISO_Ant1_5785



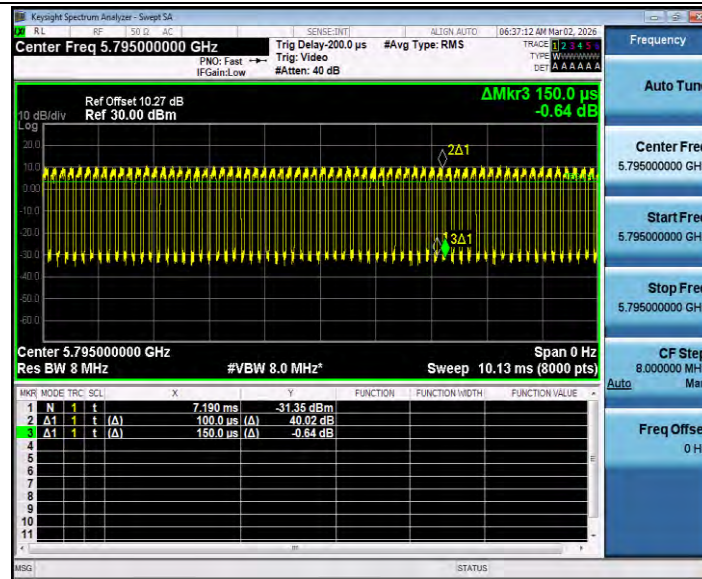
11N20SISO Ant1 5825



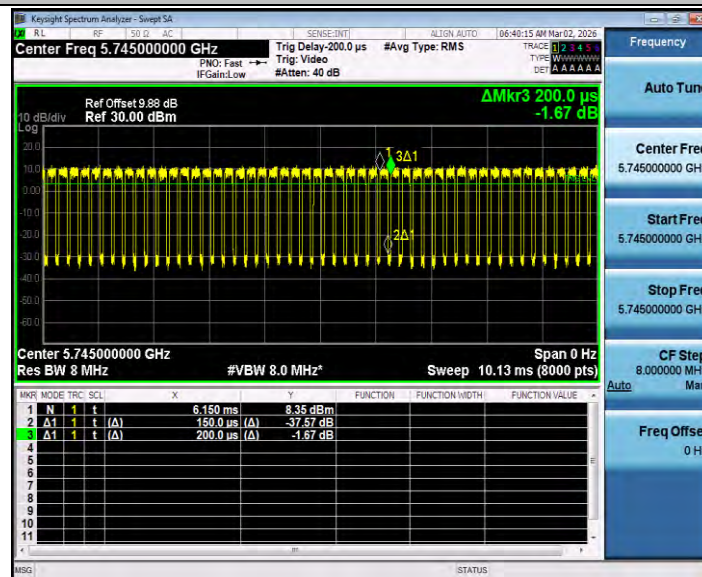
11N40SISO Ant1 5755



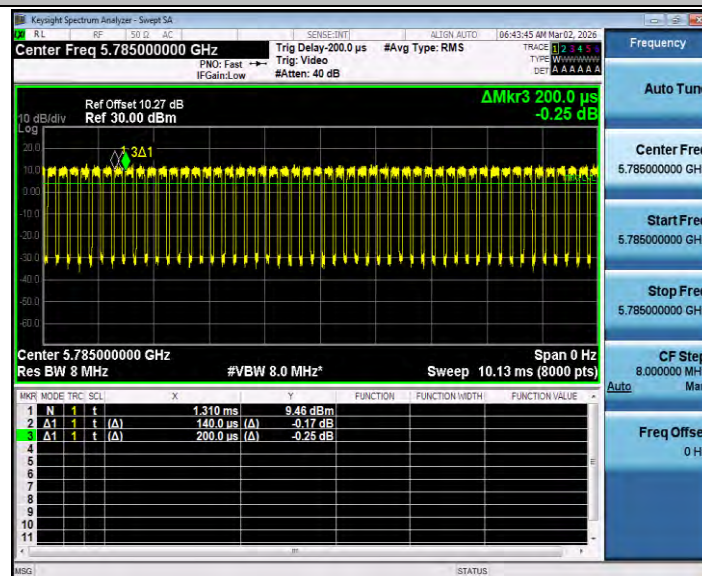
11N40SISO Ant1 5795



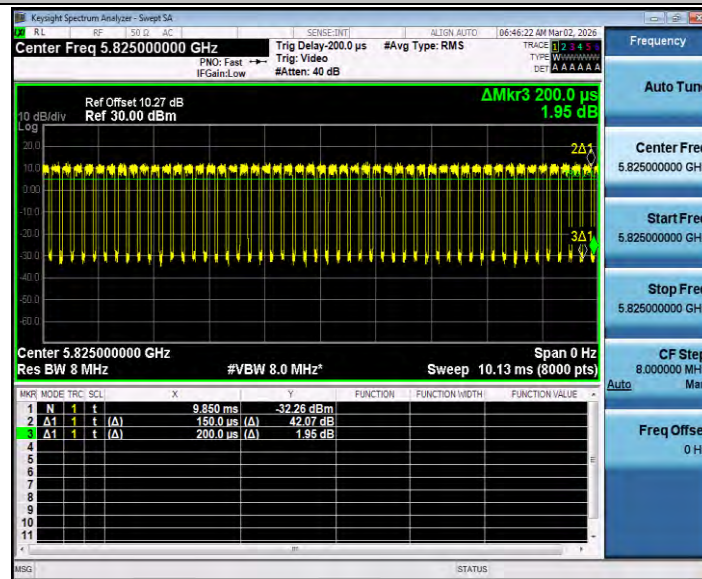
11AC20SISO_Ant1_5745



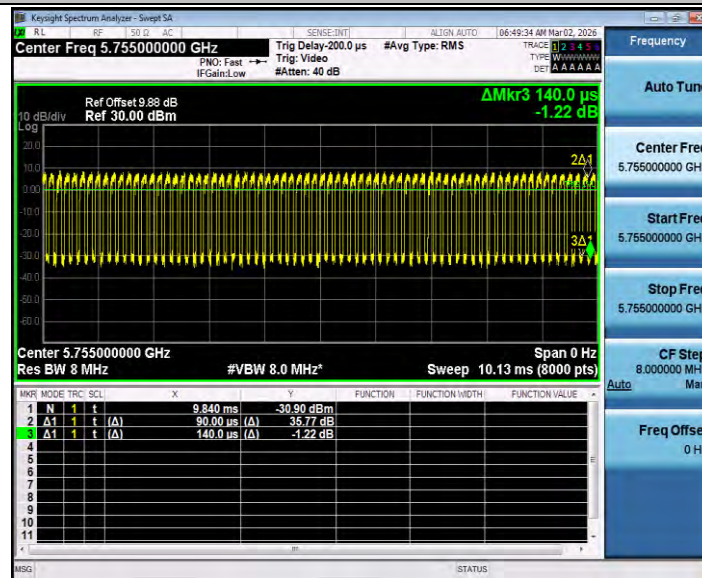
11AC20SISO_Ant1_5785



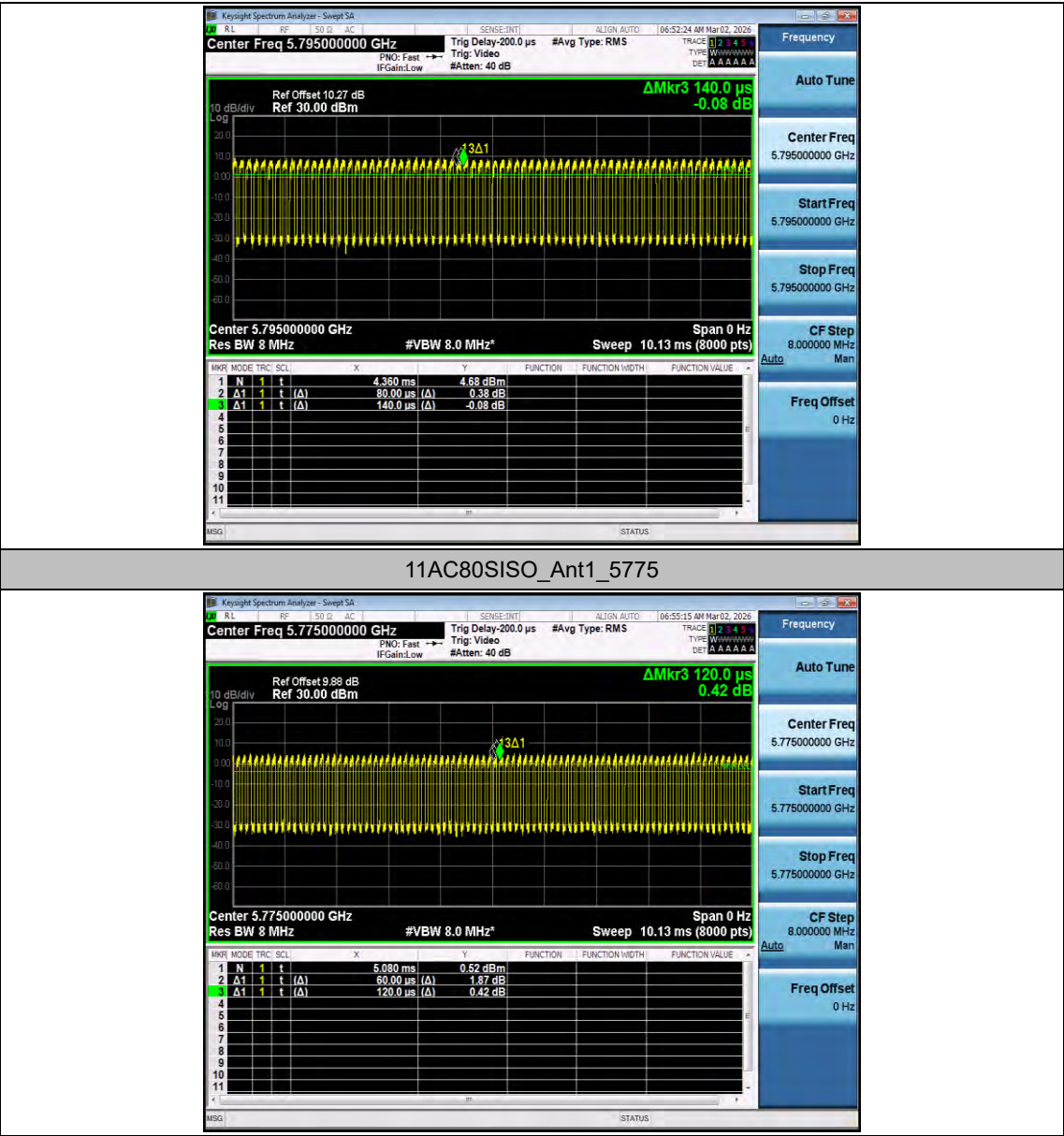
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



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	11.16	96.53	0.15	11.31	≤30.00	PASS
		5785	11.90	95.86	0.18	12.08	≤30.00	PASS
		5825	12.27	95.86	0.18	12.45	≤30.00	PASS
11N20SISO	Ant1	5745	11.56	72.73	1.38	12.94	≤30.00	PASS
		5785	12.14	70.00	1.55	13.69	≤30.00	PASS
		5825	12.84	76.19	1.18	14.02	≤30.00	PASS
11N40SISO	Ant1	5755	10.86	60.00	2.22	13.08	≤30.00	PASS
		5795	11.69	66.67	1.76	13.45	≤30.00	PASS
11AC20SISO	Ant1	5745	10.53	75.00	1.25	11.78	≤30.00	PASS
		5785	11.16	70.00	1.55	12.71	≤30.00	PASS
		5825	11.49	75.00	1.25	12.74	≤30.00	PASS
11AC40SISO	Ant1	5755	9.51	64.29	1.92	11.43	≤30.00	PASS
		5795	10.38	57.14	2.43	12.81	≤30.00	PASS
11AC80SISO	Ant1	5775	9.43	50.00	3.01	12.44	≤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	-2.04	≤30.00	PASS
		5785	-1.40	≤30.00	PASS
		5825	-0.94	≤30.00	PASS
11N20SISO	Ant1	5745	-0.03	≤30.00	PASS
		5785	0.52	≤30.00	PASS
		5825	1.02	≤30.00	PASS
11N40SISO	Ant1	5755	-2.30	≤30.00	PASS
		5795	-1.93	≤30.00	PASS
11AC20SISO	Ant1	5745	-1.67	≤30.00	PASS
		5785	-0.44	≤30.00	PASS
		5825	-0.37	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.93	≤30.00	PASS
		5795	-2.64	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.78	≤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_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



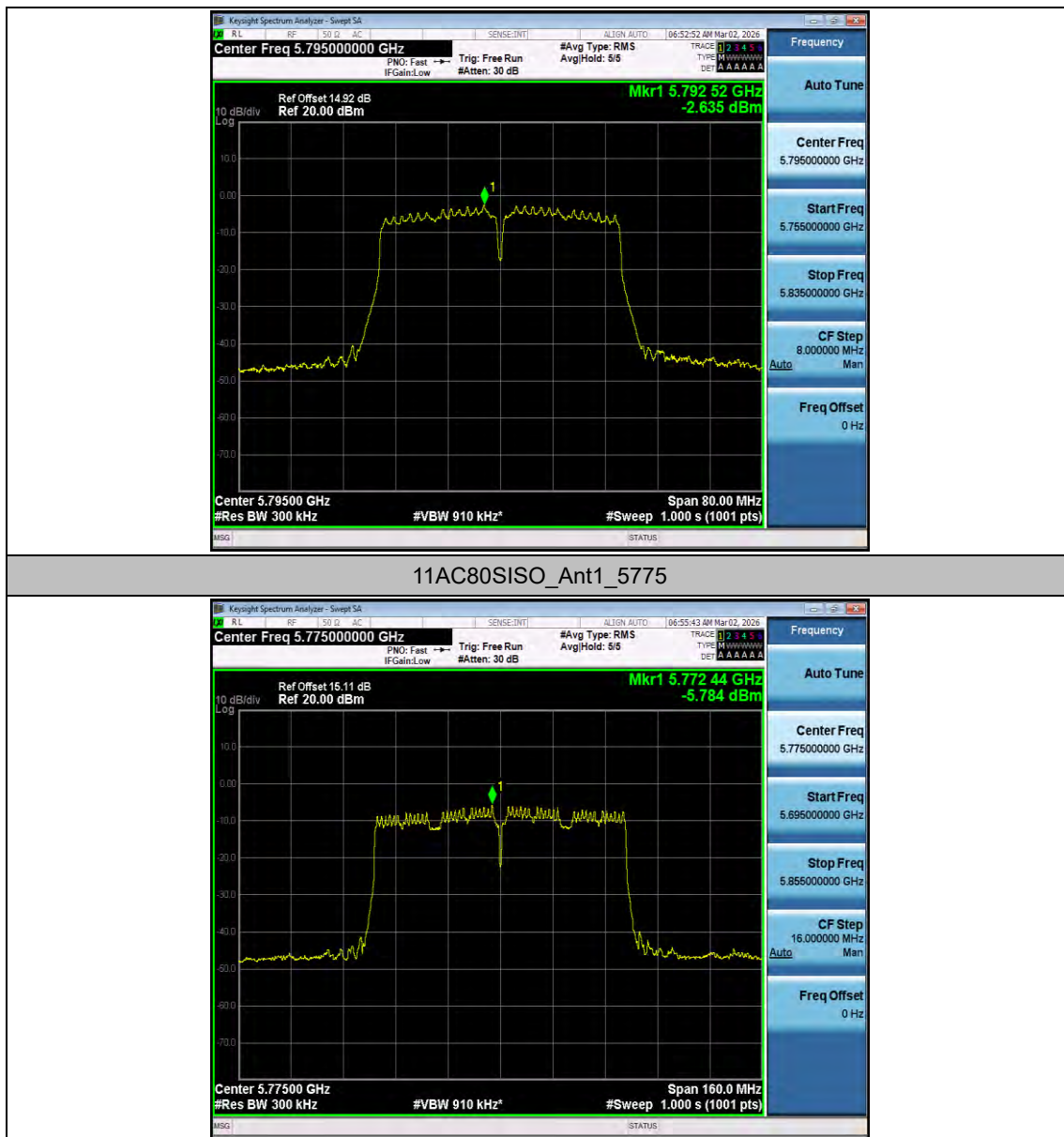
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



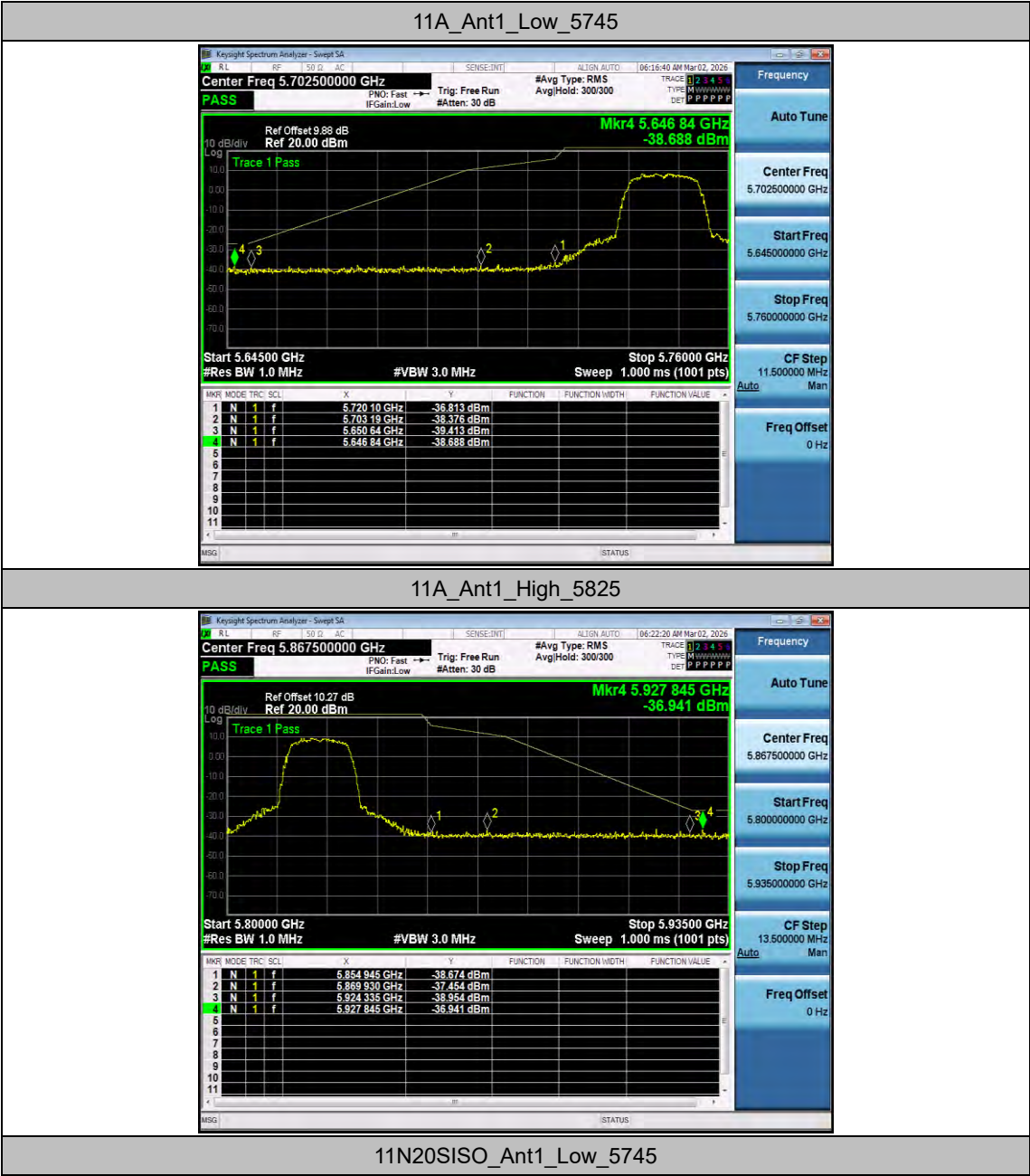
Appendix E.6:Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.41	≤-26.53	PASS
				5700~5720	-38.38	≤10.89	PASS
				5720~5725	-36.81	≤15.82	PASS
				5760~5650	-38.69	≤-27	PASS
		High	5825	5850~5855	-38.67	≤15.73	PASS
				5855~5875	-37.45	≤11.42	PASS
				5875~5925	-38.95	≤-26.51	PASS
				5925~5935	-36.94	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.33	≤-26.70	PASS
				5700~5720	-32.56	≤15.53	PASS
				5720~5725	-32.82	≤15.82	PASS
				5760~5650	-39.2	≤-27	PASS
		High	5825	5850~5855	-36.5	≤15.73	PASS
				5855~5875	-37.49	≤10.51	PASS
				5875~5925	-39.1	≤-26.71	PASS
				5925~5935	-35.98	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-40.33	≤-26.90	PASS
				5700~5720	-26.79	≤15.20	PASS
				5720~5725	-27.24	≤16.66	PASS
				5780~5650	-38.6	≤-27	PASS
		High	5795	5850~5855	-37.03	≤17.16	PASS
				5855~5875	-37.9	≤10.25	PASS
				5875~5925	-39.8	≤-26.95	PASS
				5925~5935	-37.82	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.66	≤-26.45	PASS
				5700~5720	-31.63	≤14.50	PASS
				5720~5725	-32.62	≤18.70	PASS
				5760~5650	-39.44	≤-27	PASS
		High	5825	5850~5855	-34.63	≤16.34	PASS
				5855~5875	-38.31	≤10.21	PASS
				5875~5925	-38.99	≤-26.61	PASS
				5925~5935	-37.31	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-41.05	≤-26.90	PASS
				5700~5720	-28.4	≤13.61	PASS
				5720~5725	-27.6	≤17.28	PASS
				5780~5650	-39.78	≤-27	PASS

		High	5795	5850~5855	-38.63	≤ 16.41	PASS
				5855~5875	-38.81	≤ 10.11	PASS
				5875~5925	-39.31	≤ -26.71	PASS
				5925~5935	-38.88	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-37.33	≤ -26.80	PASS
				5700~5720	-28.99	≤ 13.04	PASS
				5720~5725	-30.51	≤ 15.65	PASS
				5800~5650	-35.76	≤ -27	PASS
		High	5775	5850~5855	-32.13	≤ 15.84	PASS
				5855~5875	-29.34	≤ 11.02	PASS
				5875~5925	-39.74	≤ -26.87	PASS
				5925~5935	-38.24	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant1_High_5825



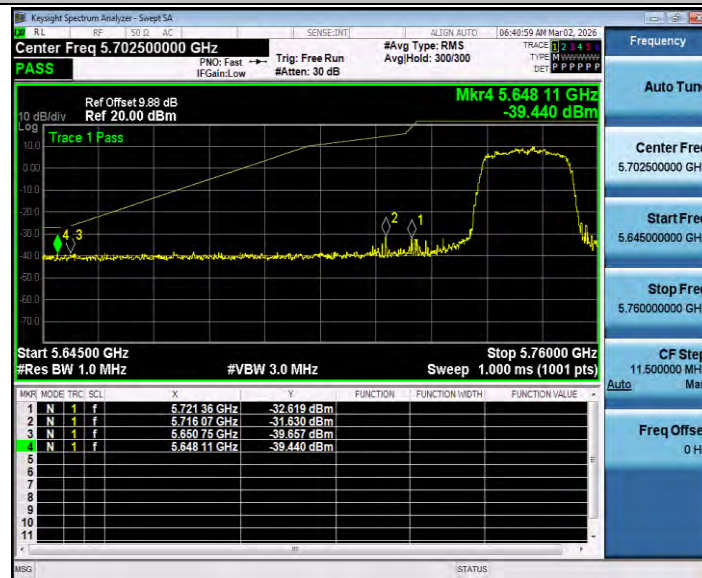
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



Appendix E.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	2645.17	-39.78	≤-27	PASS
			5925~27000	26540.57	-31.99	≤-27	PASS
		5785	30~5650	5463.23	-39.88	≤-27	PASS
			5925~27000	26539.86	-31.02	≤-27	PASS
		5825	30~5650	5561.39	-40.65	≤-27	PASS
			5925~27000	26055.14	-31.69	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	2707.37	-40.71	≤-27	PASS
			5925~27000	26048.82	-32.21	≤-27	PASS
		5785	30~5650	5424.26	-39.85	≤-27	PASS
			5925~27000	25111.68	-31.54	≤-27	PASS
		5825	30~5650	2653.42	-40.33	≤-27	PASS
			5925~27000	24833.49	-30.86	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5453.67	-40.15	≤-27	PASS
			5925~27000	26084.64	-32.08	≤-27	PASS
		5795	30~5650	4937.38	-39.51	≤-27	PASS
			5925~27000	23472.75	-31.66	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2632.25	-40.6	≤-27	PASS
			5925~27000	25565.5	-30.9	≤-27	PASS
		5785	30~5650	2914.93	-39.86	≤-27	PASS
			5925~27000	24212.48	-31.35	≤-27	PASS
		5825	30~5650	3288.66	-40.5	≤-27	PASS
			5925~27000	24125.37	-30.8	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	3302.34	-40.89	≤-27	PASS
			5925~27000	25613.97	-32.18	≤-27	PASS
		5795	30~5650	4988.15	-39.75	≤-27	PASS
			5925~27000	26931.86	-31.3	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5647.56	-37.83	≤-27	PASS
			5925~27000	23632.92	-31.8	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



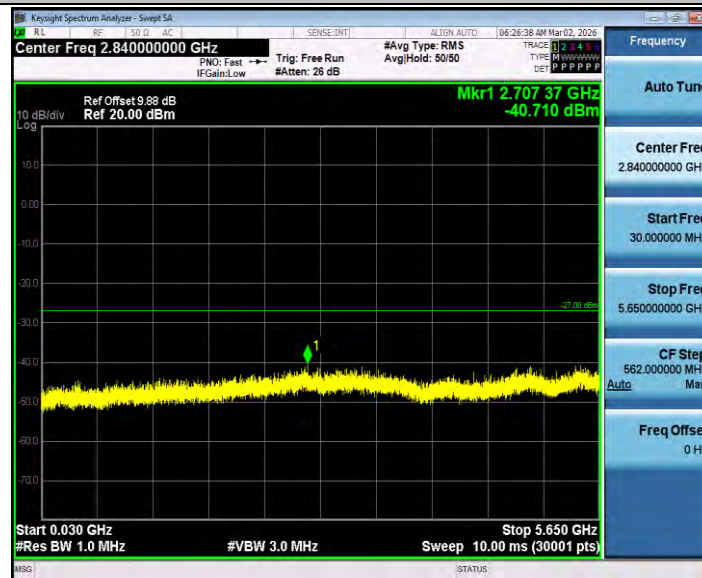
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



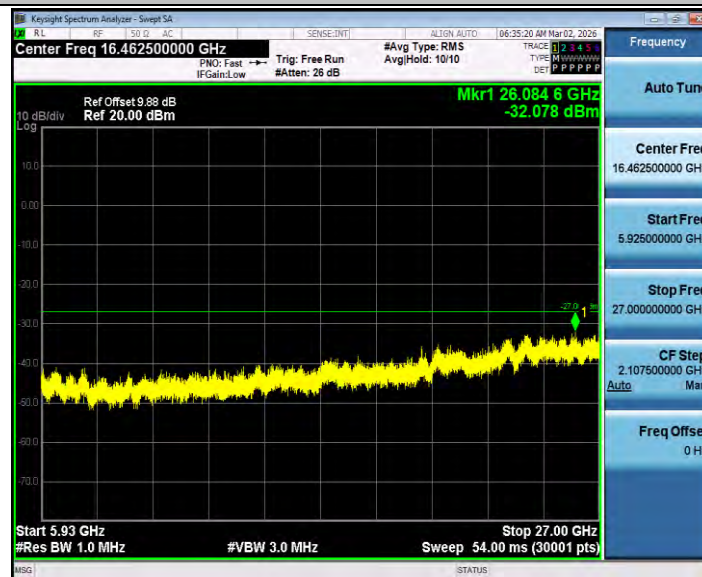
11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



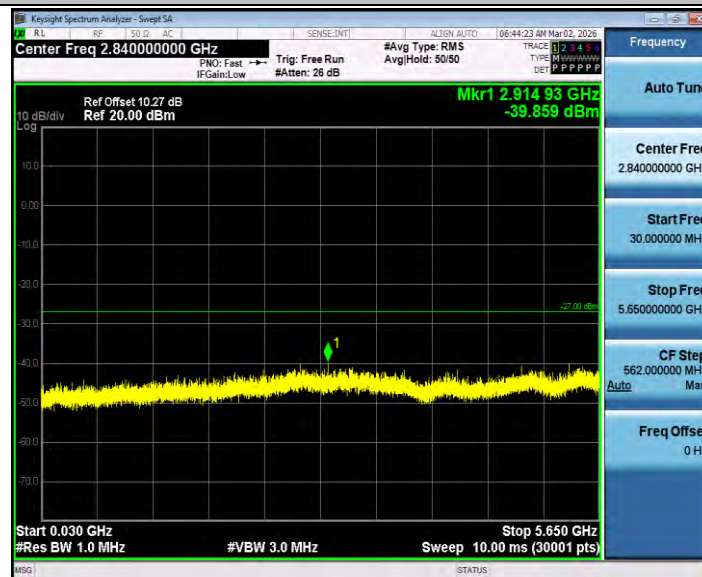
11AC20SISO_Ant1_5745_30~5650



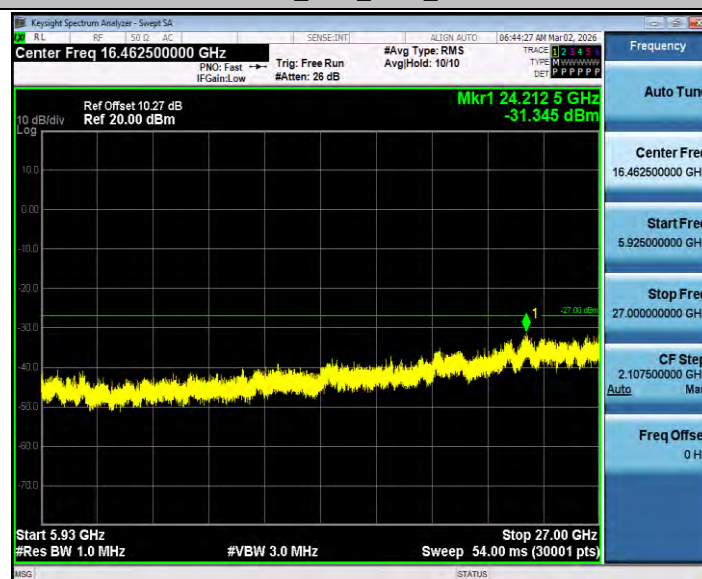
11AC20SISO_Ant1_5745_5925~27000



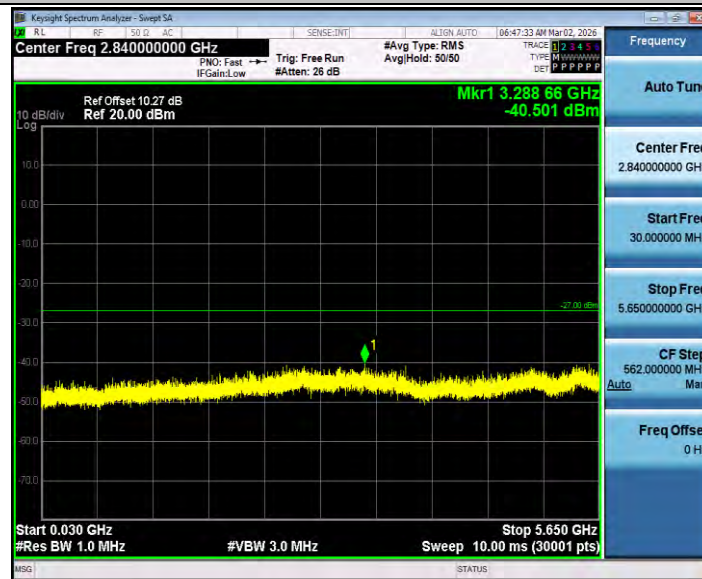
11AC20SISO_Ant1_5785_30~5650



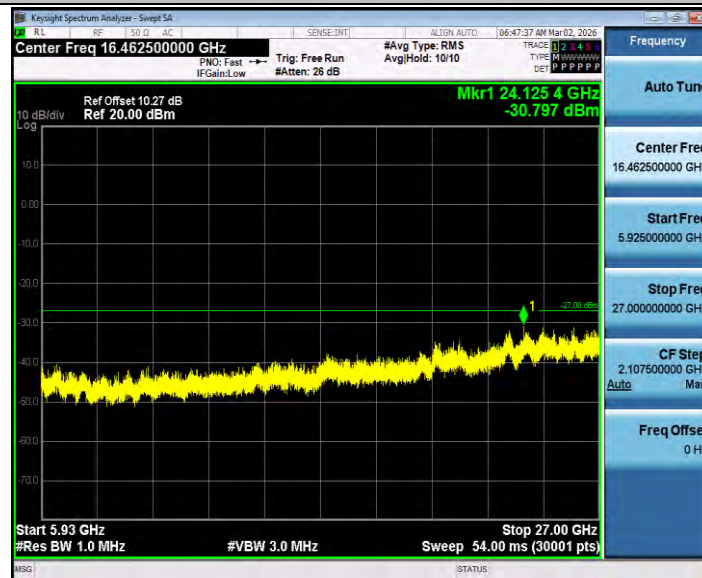
11AC20SISO_Ant1_5785_5925~27000



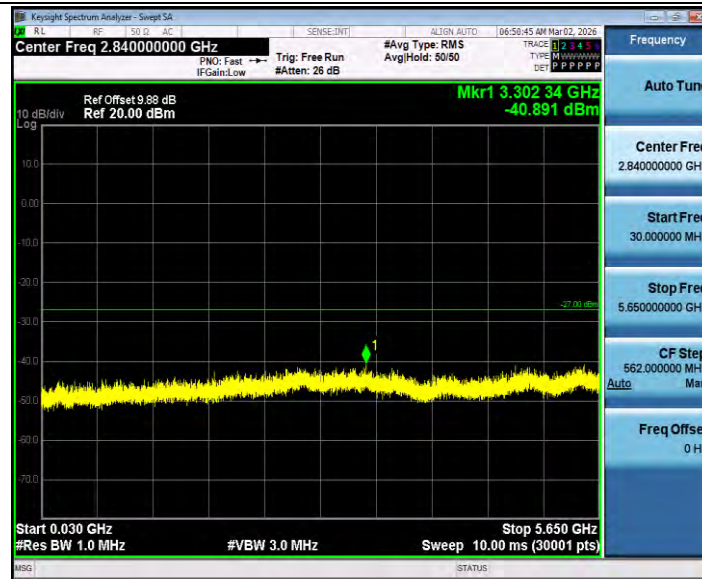
11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



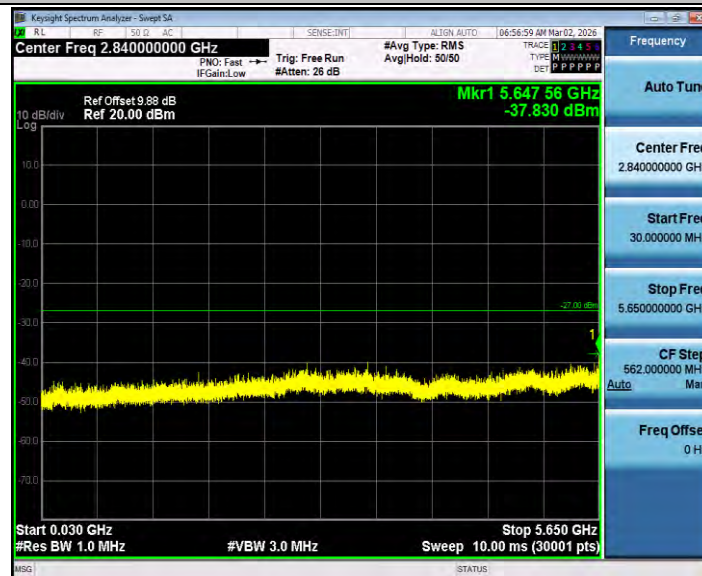
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~27000

