

Case No. : <u>GTS20251122004-2-15</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.12.15-2026.3.31</u> Test Engineer: <u>Evan ouyang</u>

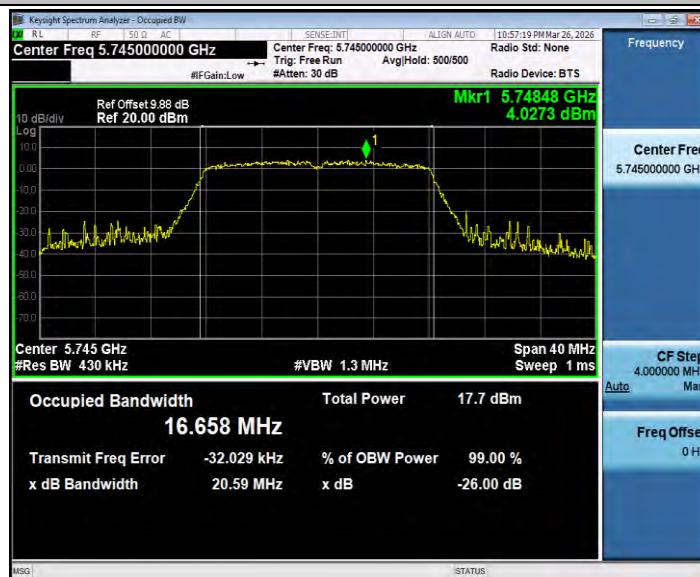
Appendix G.1: Occupied channel bandwidth

Test Result

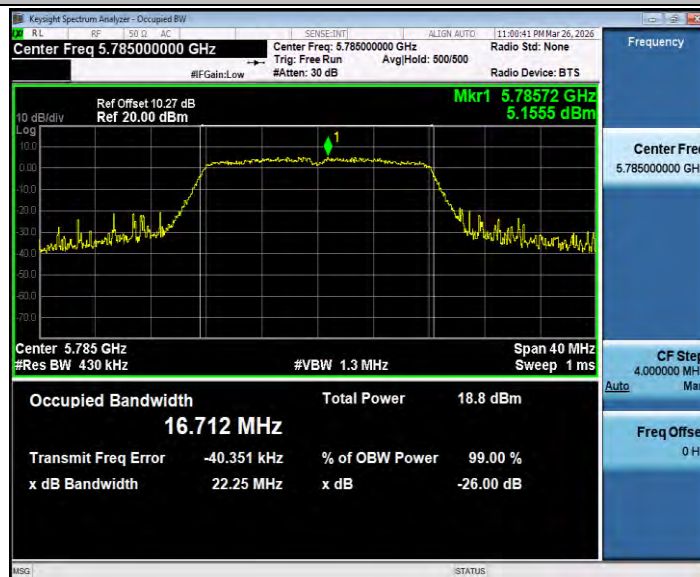
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	16.658	5736.6390	5753.2970	---	---
		5785	16.712	5776.6037	5793.3157	---	---
		5825	16.656	5816.6375	5833.2935	---	---
11N20SISO	Ant0	5745	17.582	5736.1770	5753.7590	---	---
		5785	17.593	5776.1957	5793.7887	---	---
		5825	17.587	5816.1842	5833.7712	---	---
11N40SISO	Ant0	5755	36.047	5736.9150	5772.9620	---	---
		5795	35.990	5777.0399	5813.0299	---	---
11AC20SISO	Ant0	5745	17.588	5736.1691	5753.7571	---	---
		5785	17.578	5776.2000	5793.7780	---	---
		5825	17.564	5816.1660	5833.7300	---	---
11AC40SISO	Ant0	5755	35.917	5737.0174	5772.9344	---	---
		5795	36.287	5776.9891	5813.2761	---	---
11AC80SISO	Ant0	5775	75.952	5737.0459	5812.9979	---	---
11AX20SISO	Ant0	5745	18.480	5735.7364	5754.2164	---	---
		5785	18.479	5775.7364	5794.2154	---	---
		5825	18.440	5815.7614	5834.2014	---	---
11AX40SISO	Ant0	5755	36.836	5736.5801	5773.4161	---	---
		5795	36.860	5776.6122	5813.4722	---	---
11AX80SISO	Ant0	5775	77.992	5736.0863	5814.0783	---	---

Test Graphs

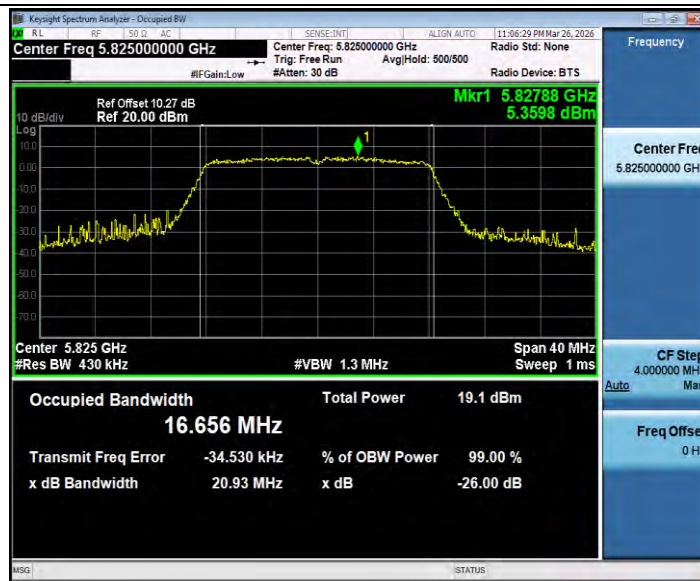
11A_Ant0_5745



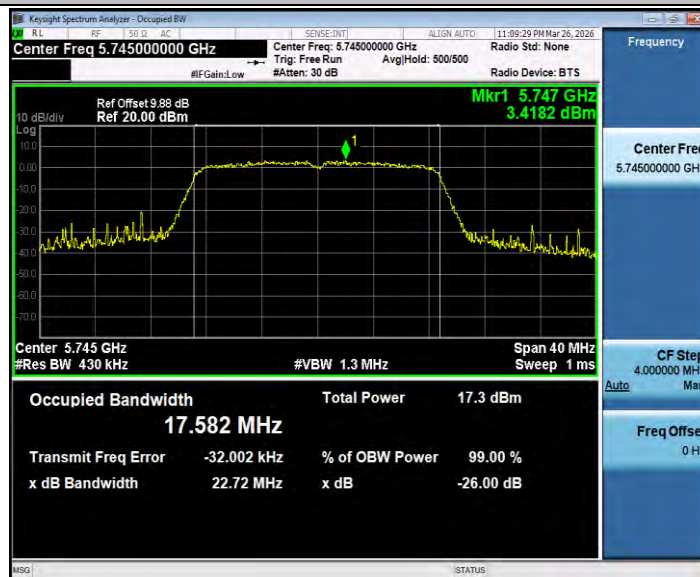
11A_Ant0_5785



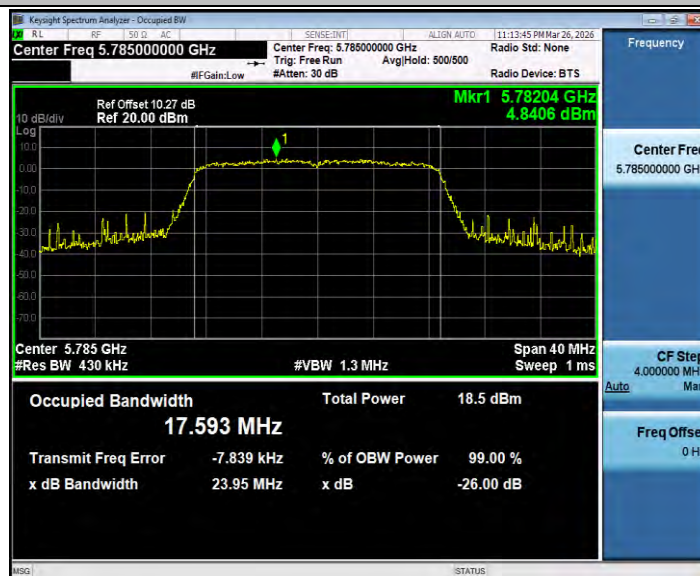
11A_Ant0_5825



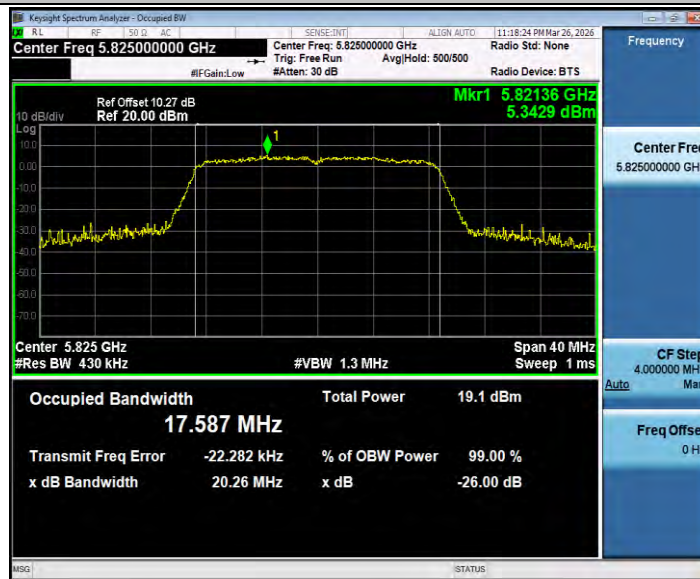
11N20SISO_Ant0_5745



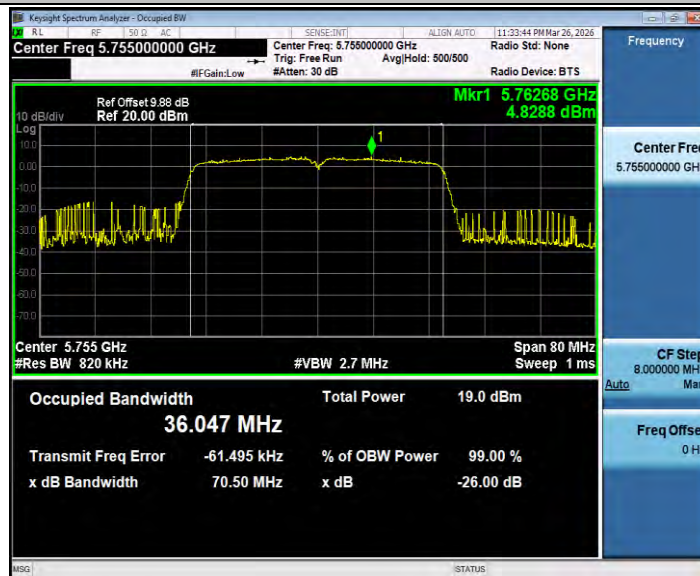
11N20SISO_Ant0_5785



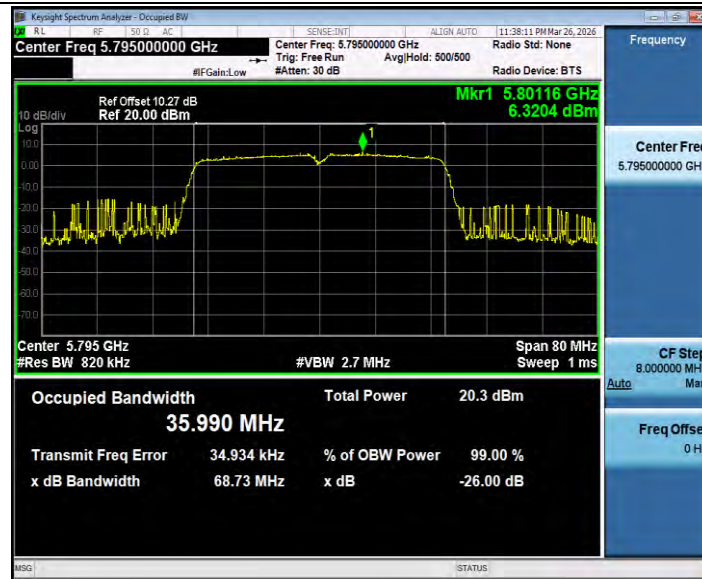
11N20SISO_Ant0_5825



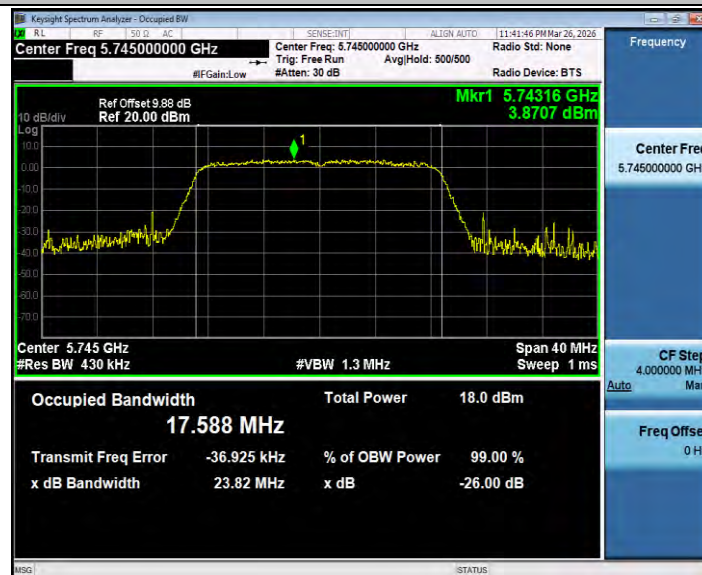
11N40SISO_Ant0_5755



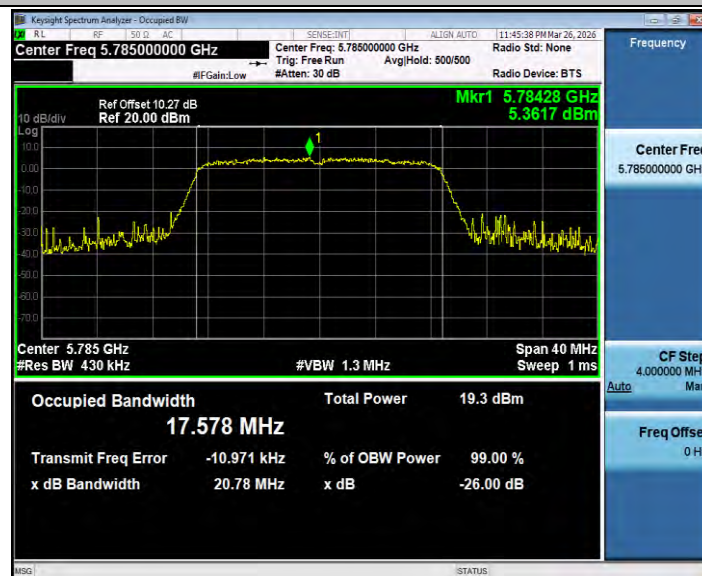
11N40SISO_Ant0_5795



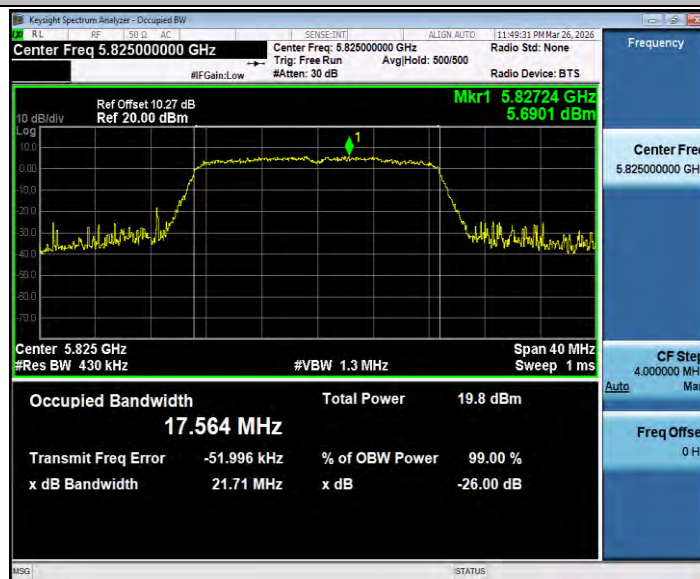
11AC20SISO_Ant0_5745



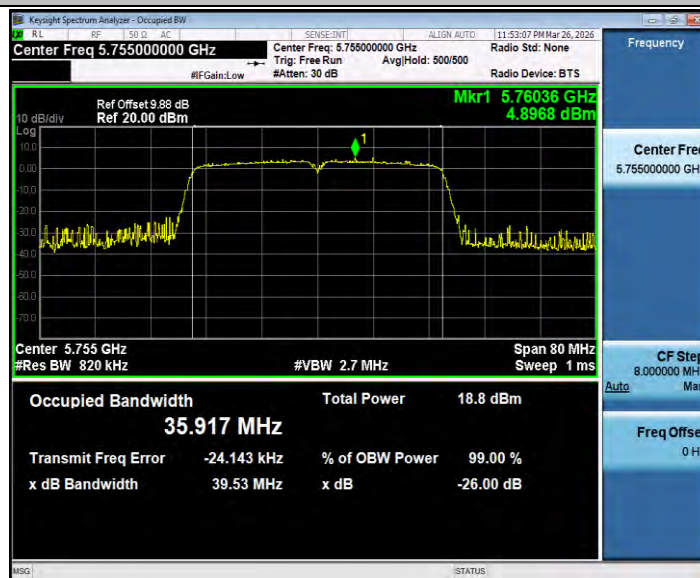
11AC20SISO_Ant0_5785



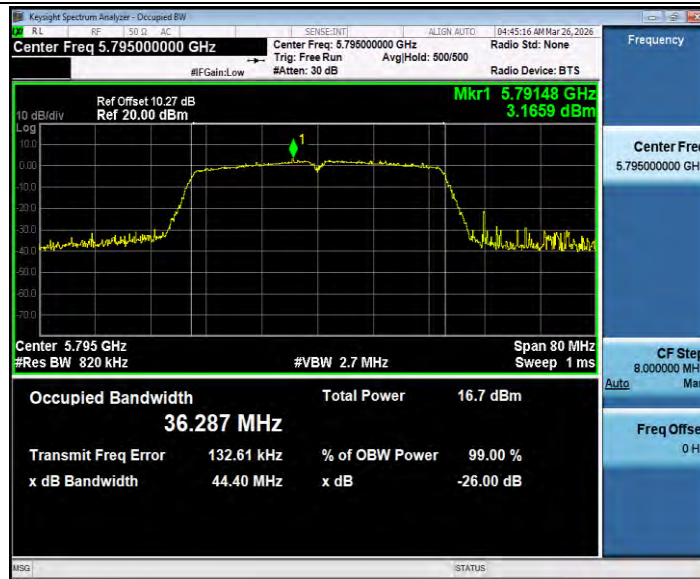
11AC20SISO_Ant0_5825



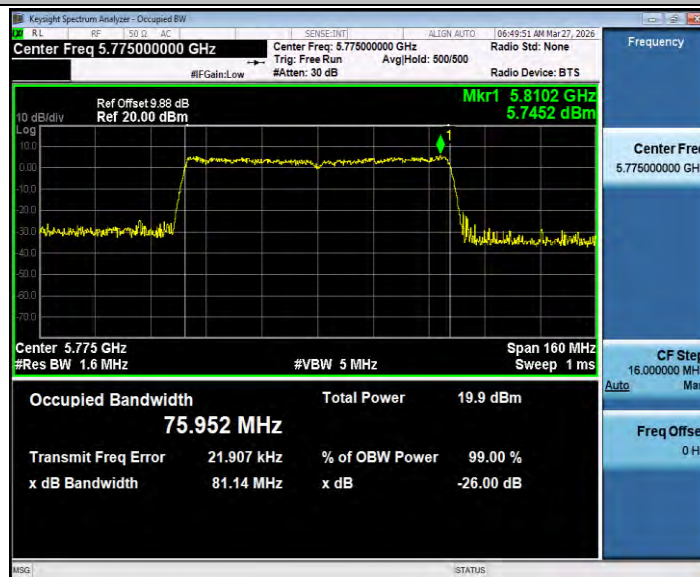
11AC40SISO_Ant0_5755



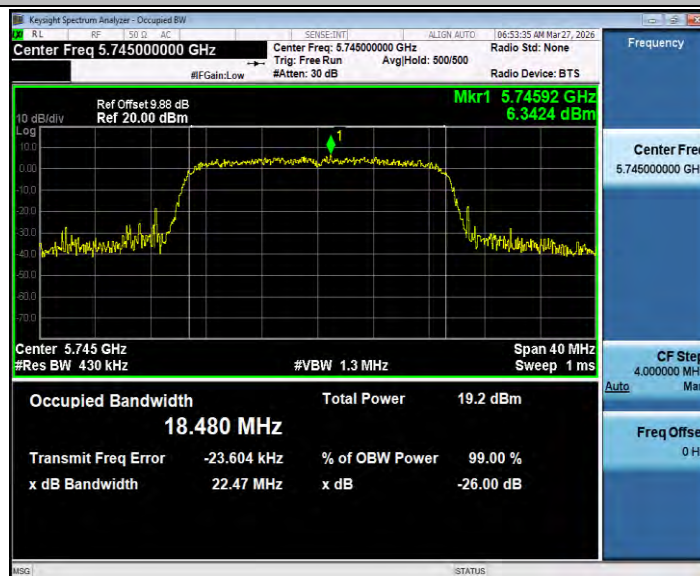
11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



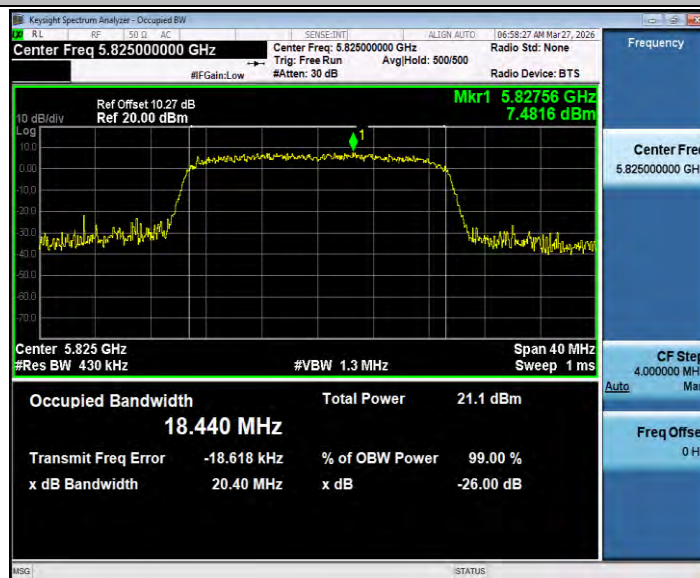
11AX20SISO_Ant0_5745



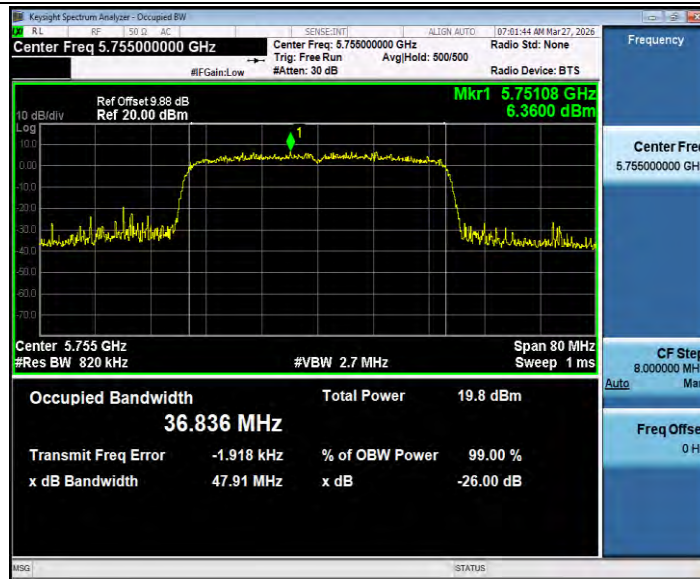
11AX20SISO_Ant0_5785



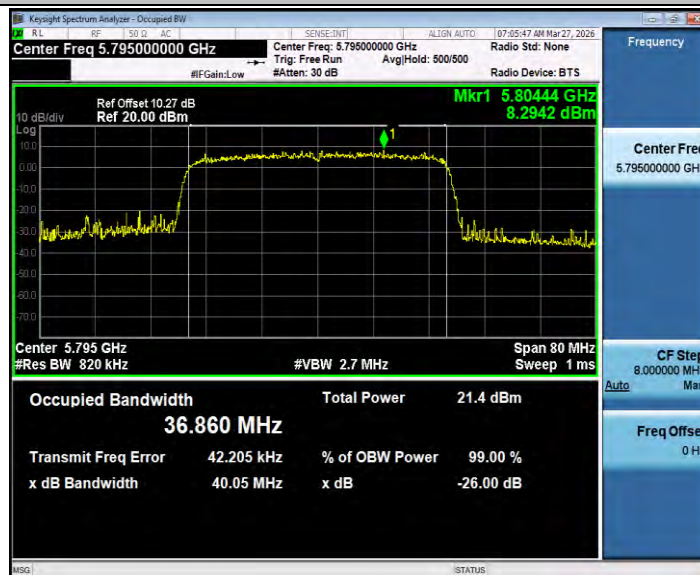
11AX20SISO_Ant0_5825



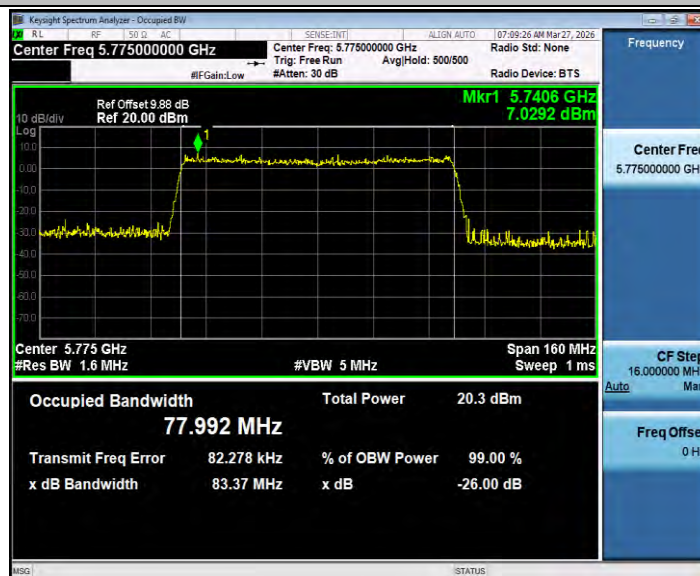
11AX40SISO_Ant0_5755



11AX40ISO_Ant0_5795



11AX80ISO_Ant0_5775



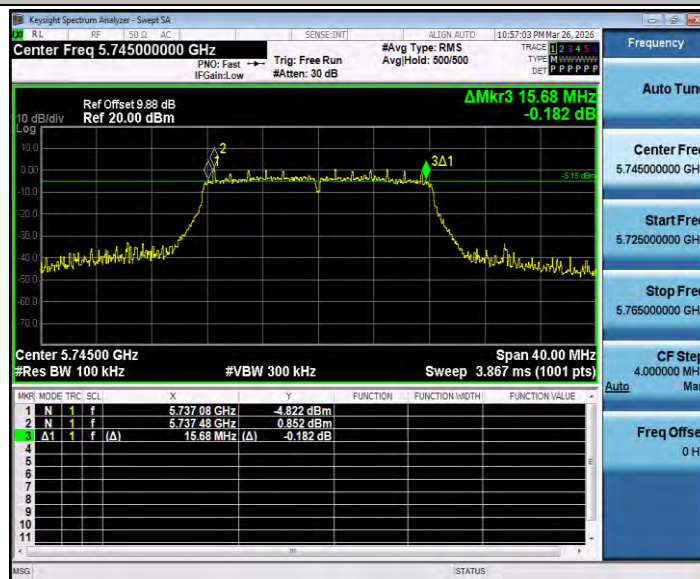
Appendix G.2: Min emission bandwidth

Test Result B4

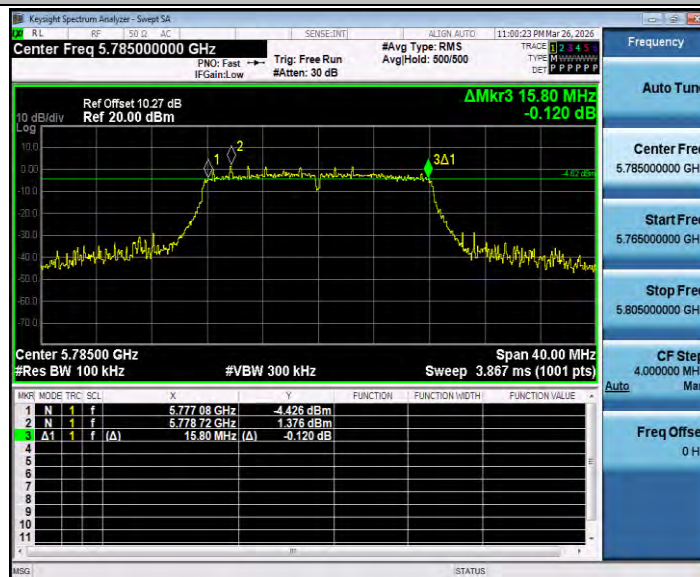
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	15.680	5737.080	5752.760	0.5	PASS
		5785	15.800	5777.080	5792.880	0.5	PASS
		5825	15.440	5817.080	5832.520	0.5	PASS
11N20SISO	Ant0	5745	16.040	5736.840	5752.880	0.5	PASS
		5785	15.360	5777.200	5792.560	0.5	PASS
		5825	15.680	5817.080	5832.760	0.5	PASS
11N40SISO	Ant0	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant0	5745	15.440	5737.120	5752.560	0.5	PASS
		5785	15.640	5777.080	5792.720	0.5	PASS
		5825	15.760	5816.840	5832.600	0.5	PASS
11AC40SISO	Ant0	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.480	5812.600	0.5	PASS
11AC80SISO	Ant0	5775	75.520	5737.240	5812.760	0.5	PASS
11AX20SISO	Ant0	5745	15.480	5737.280	5752.760	0.5	PASS
		5785	16.720	5776.760	5793.480	0.5	PASS
		5825	15.720	5817.080	5832.800	0.5	PASS
11AX40SISO	Ant0	5755	34.720	5737.880	5772.600	0.5	PASS
		5795	34.320	5778.280	5812.600	0.5	PASS
11AX80SISO	Ant0	5775	77.920	5736.120	5814.040	0.5	PASS

Test Graphs B4

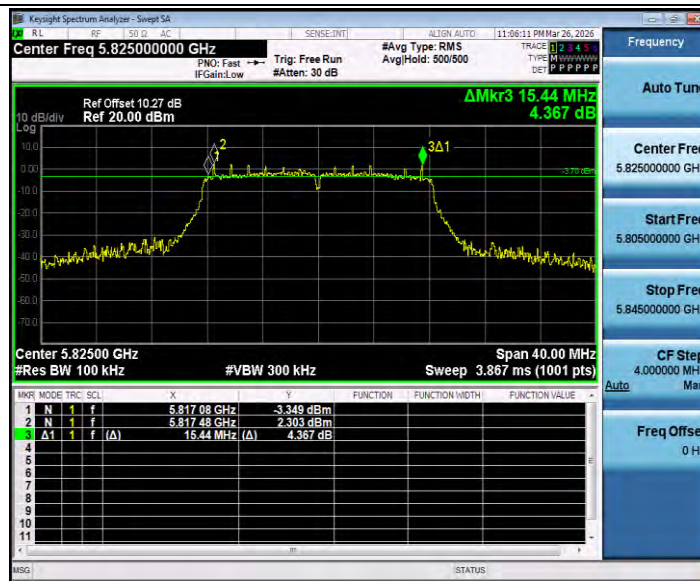
11A_Ant0_5745



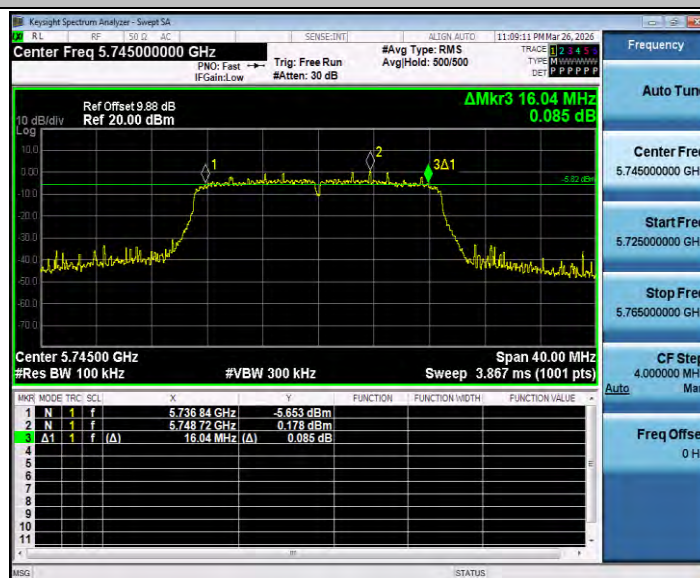
11A_Ant0_5785



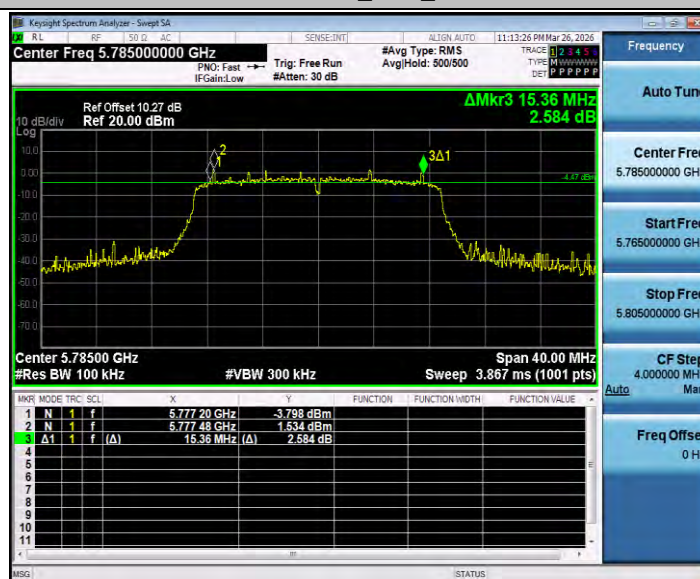
11A_Ant0_5825



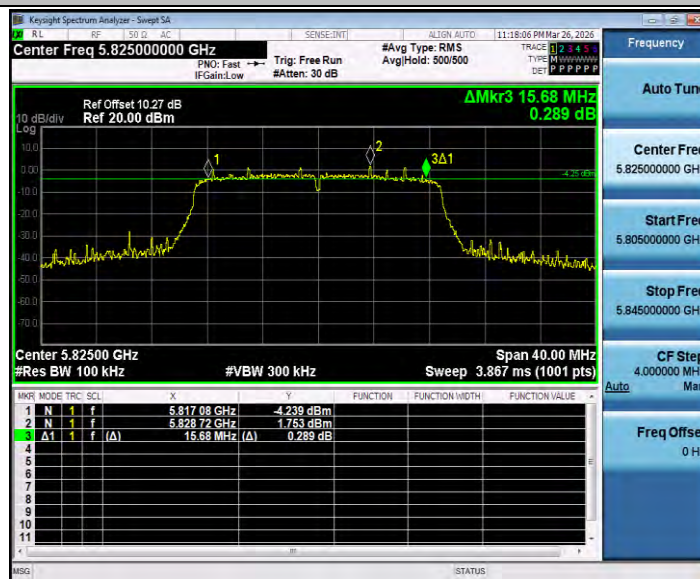
11N20SISO_Ant0_5745



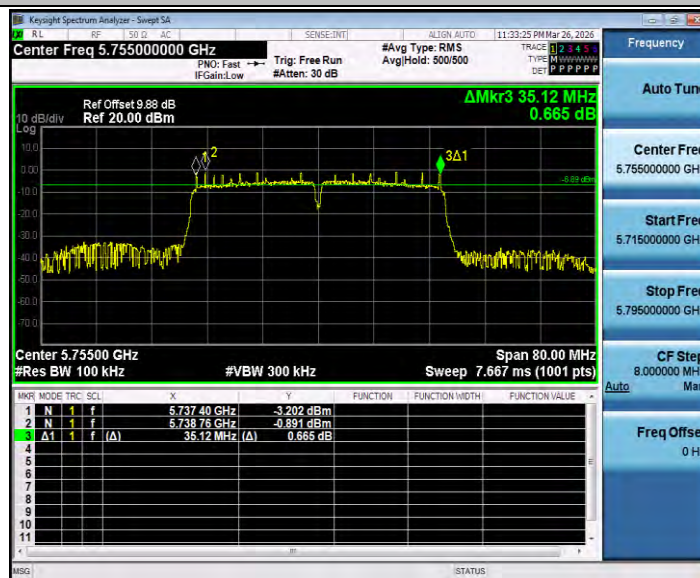
11N20SISO_Ant0_5785



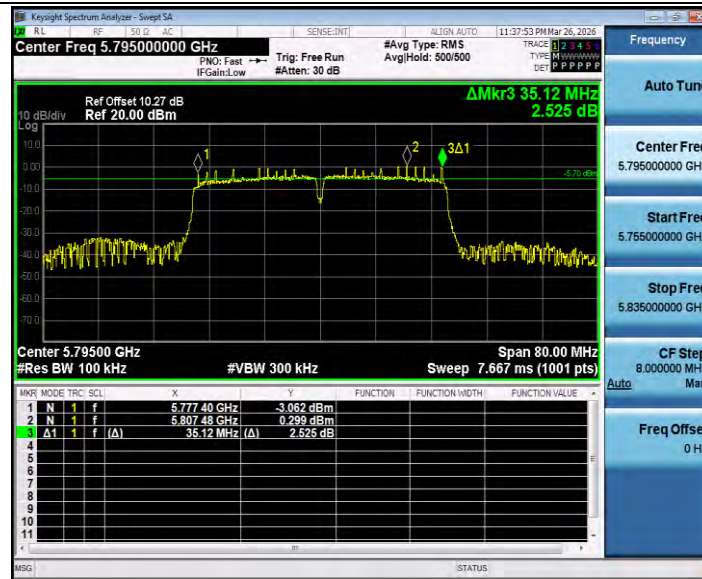
11N20SISO_Ant0_5825



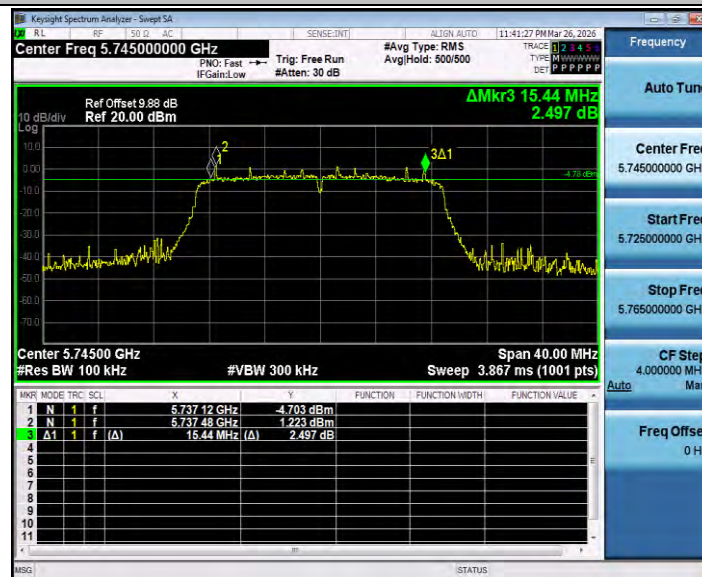
11N40SISO_Ant0_5755



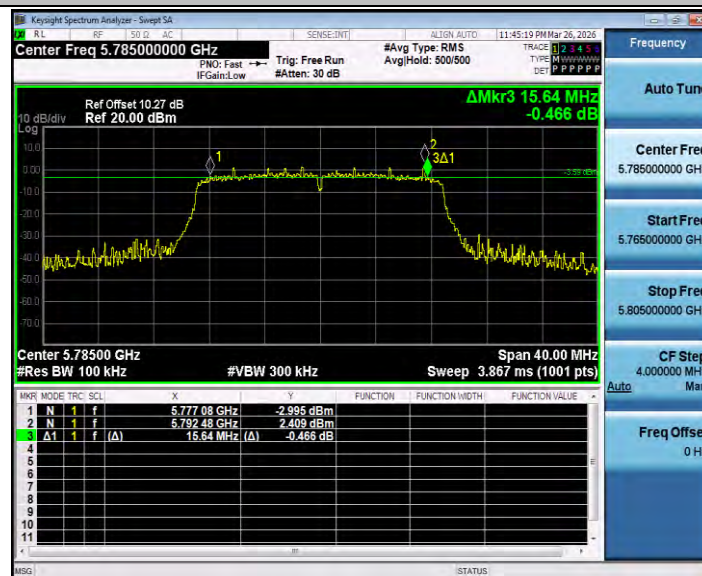
11N40SISO_Ant0_5795



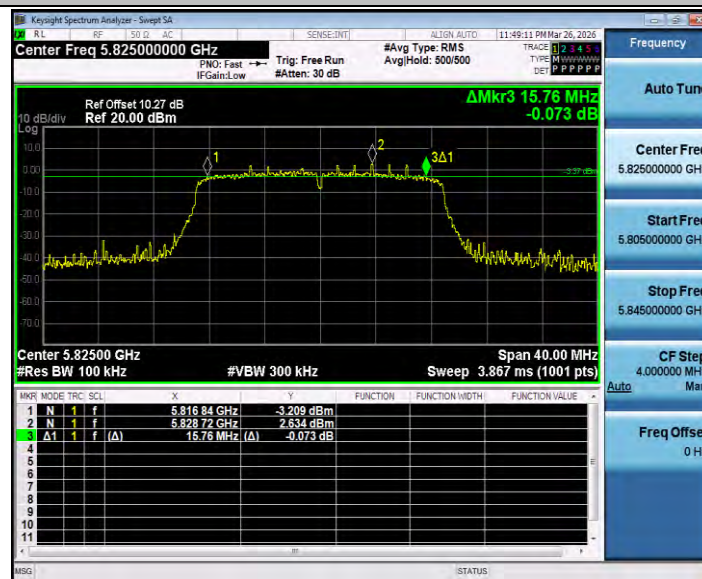
11AC20SISO_Ant0_5745



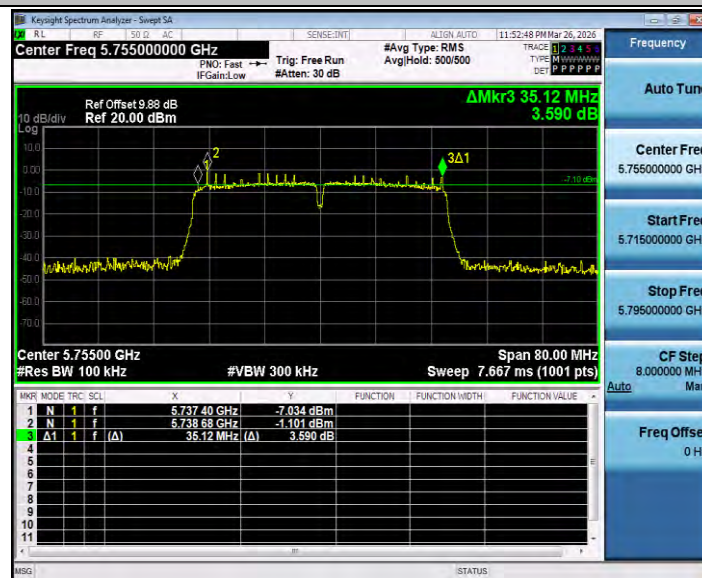
11AC20SISO_Ant0_5785



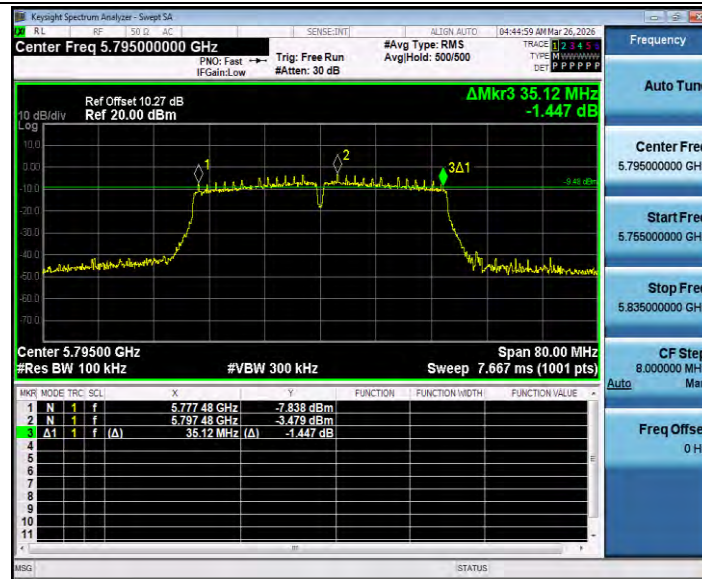
11AC20SISO_Ant0_5825



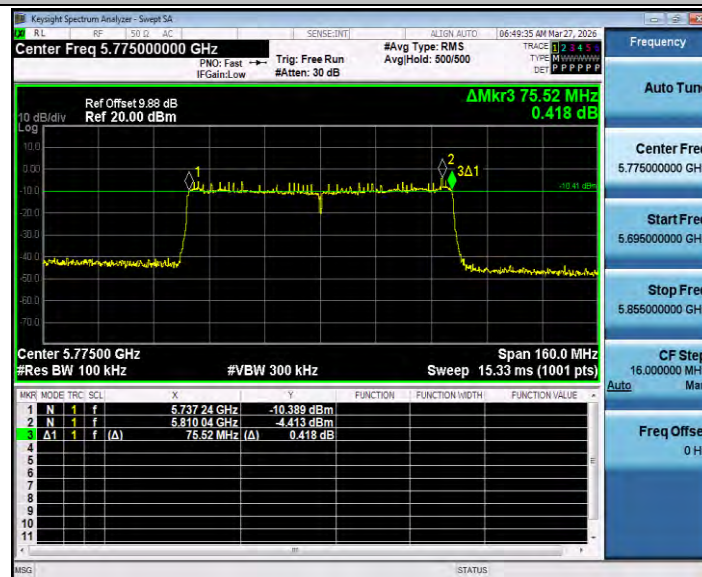
11AC40SISO_Ant0_5755



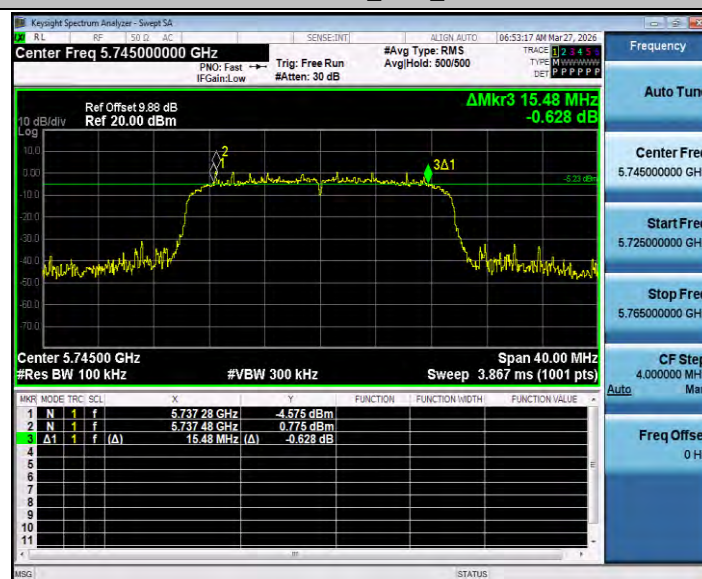
11AC40SISO_Ant0_5795



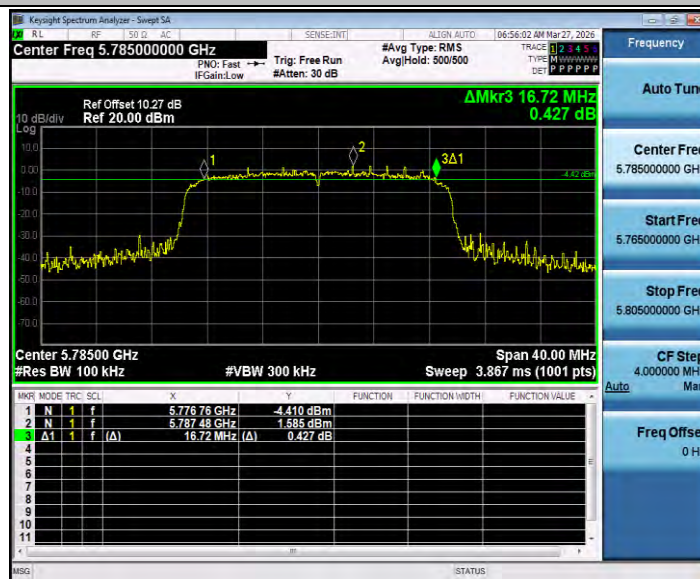
11AC80SISO_Ant0_5775



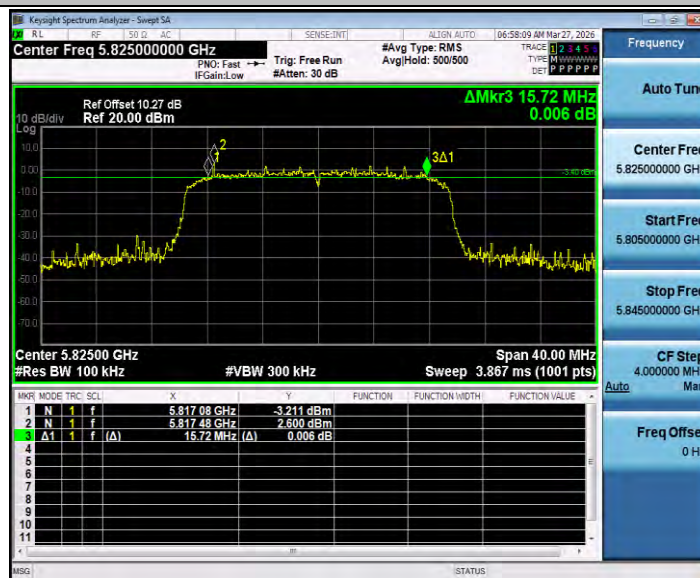
11AX20SISO_Ant0_5745



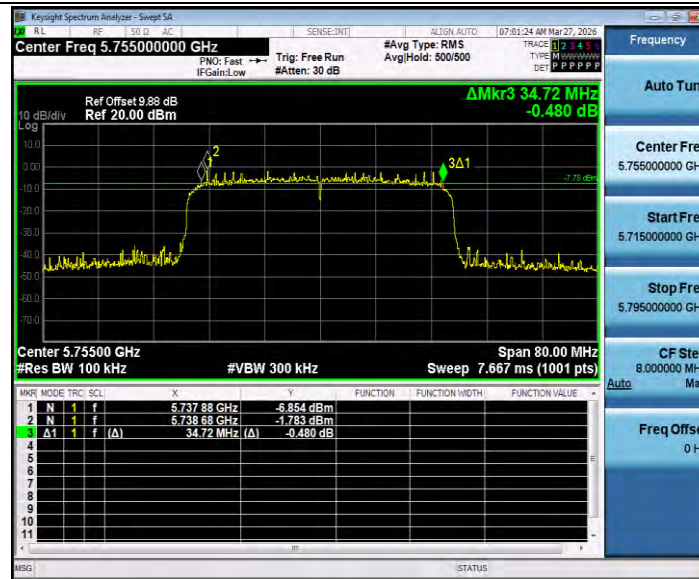
11AX20SISO_Ant0_5785



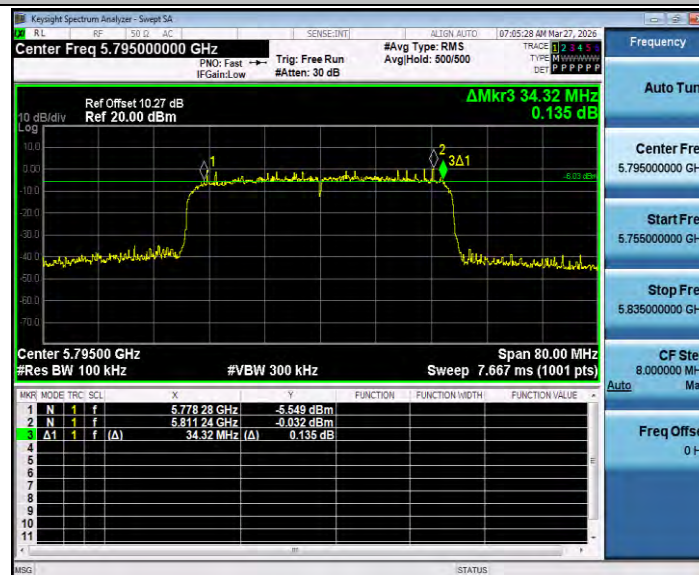
11AX20SISO_Ant0_5825



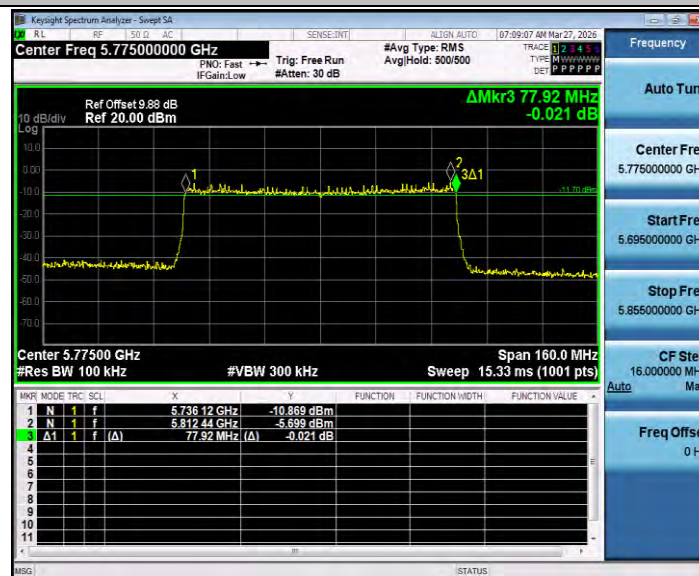
11AX40SISO_Ant0_5755



11AX40ISO_Ant0_5795



11AX80ISO_Ant0_5775

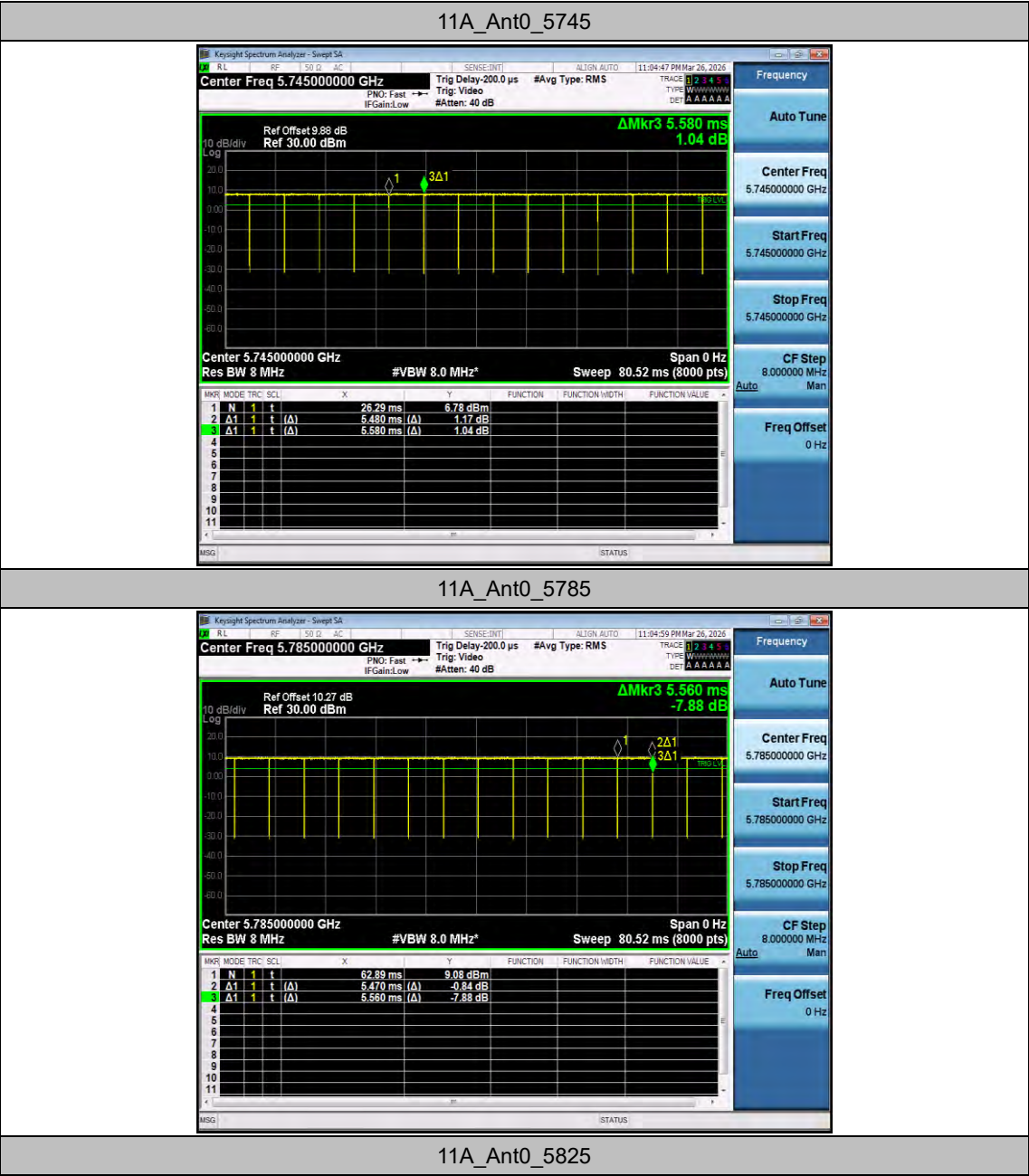


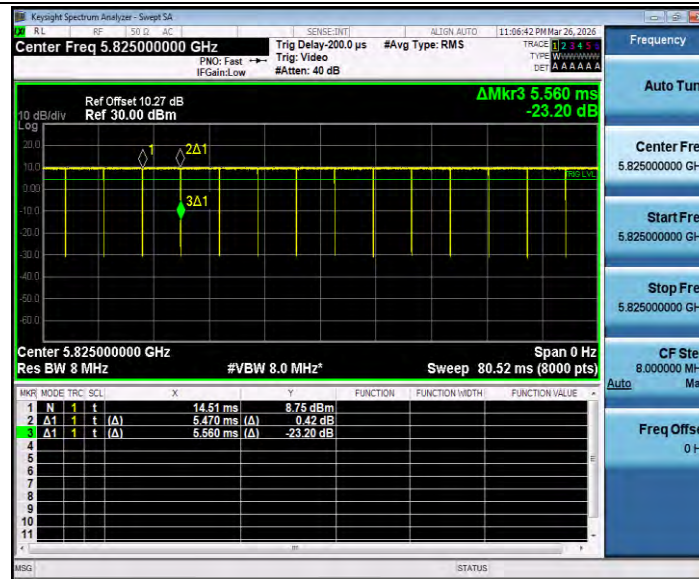
AppendixG.3: Duty Cycle

Test Result

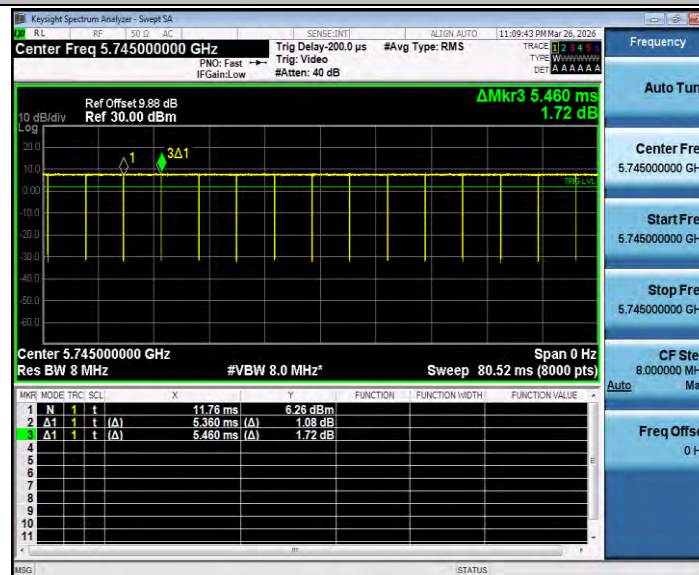
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5745	5.48	5.58	98.21	0.08	0.18
		5785	5.47	5.56	98.38	0.07	0.18
		5825	5.47	5.56	98.38	0.07	0.18
11N20SISO	Ant0	5745	5.36	5.46	98.17	0.08	0.19
		5785	5.36	5.46	98.17	0.08	0.19
		5825	5.37	5.47	98.17	0.08	0.19
11N40SISO	Ant0	5755	5.14	5.23	98.28	0.08	0.19
		5795	5.15	5.25	98.10	0.08	0.19
11AC20SISO	Ant0	5745	5.38	5.47	98.35	0.07	0.19
		5785	5.38	5.48	98.18	0.08	0.19
		5825	5.38	5.47	98.35	0.07	0.19
11AC40SISO	Ant0	5755	5.15	5.24	98.28	0.08	0.19
		5795	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant0	5775	4.75	4.85	97.94	0.09	0.21
11AX20SISO	Ant0	5745	4.65	4.74	98.10	0.08	0.22
		5785	4.64	4.74	97.89	0.09	0.22
		5825	4.64	4.73	98.10	0.08	0.22
11AX40SISO	Ant0	5755	4.64	4.74	97.89	0.09	0.22
		5795	4.63	4.73	97.89	0.09	0.22
11AX80SISO	Ant0	5775	4.42	4.51	98.00	0.09	0.23

Test Graphs

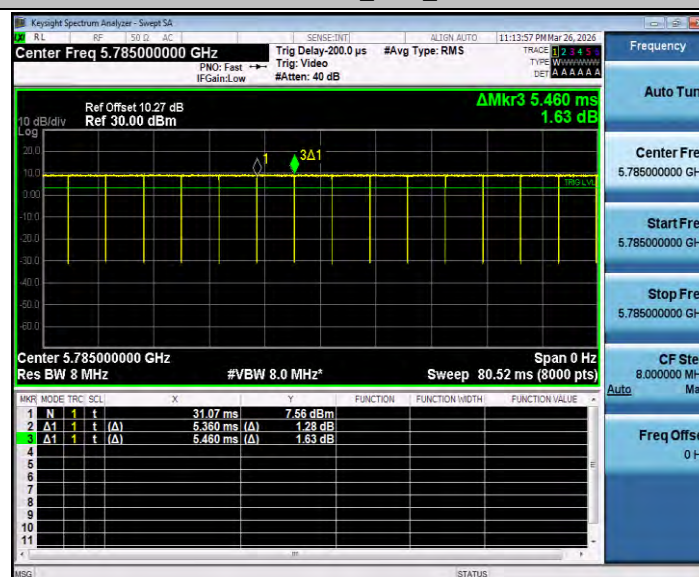




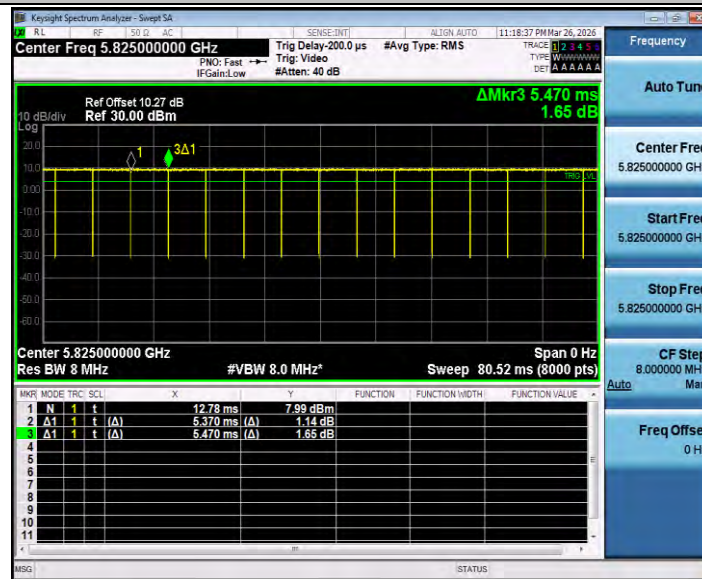
11N20SISO_Ant0_5745



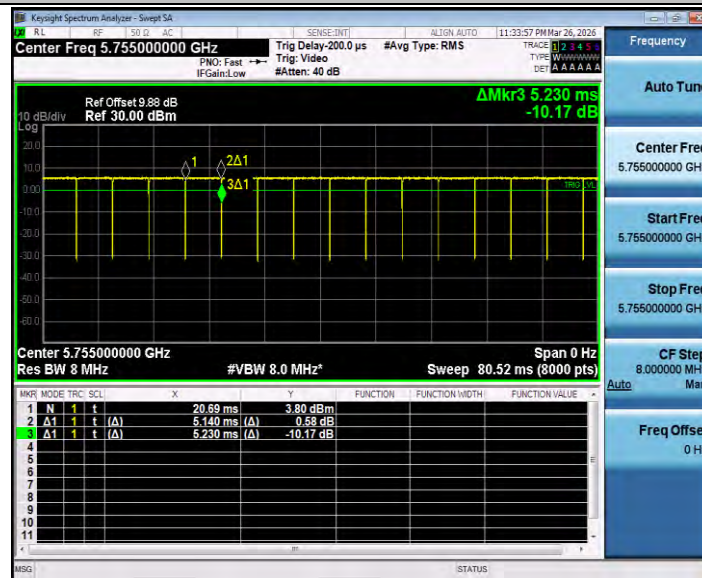
11N20SISO_Ant0_5785



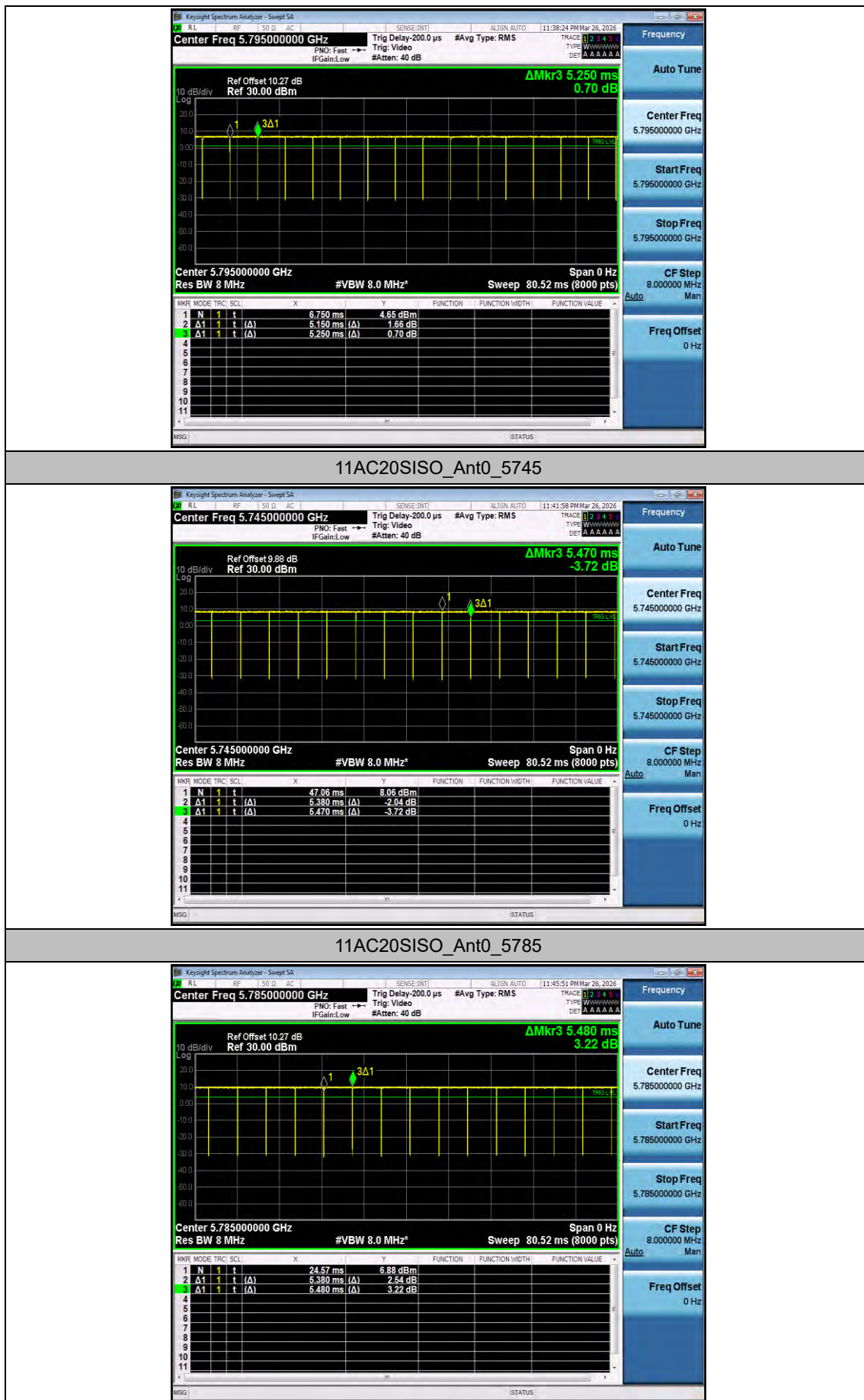
11N20SISO_Ant0_5825



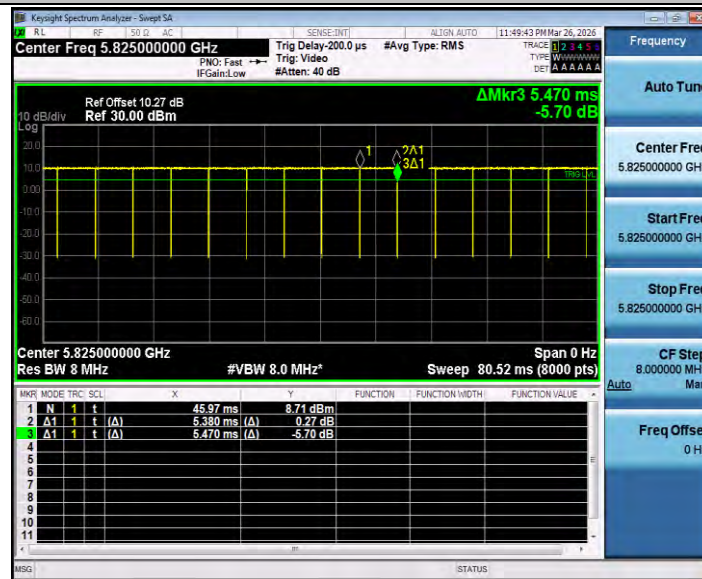
11N40SISO_Ant0_5755



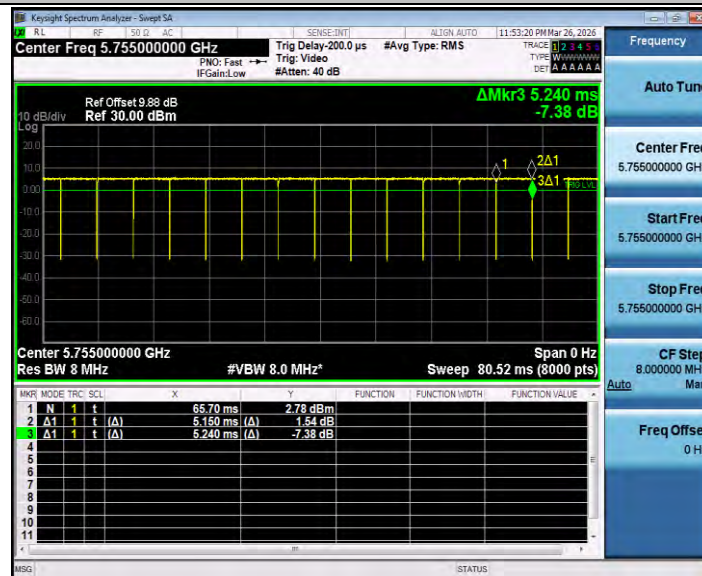
11N40SISO_Ant0_5795



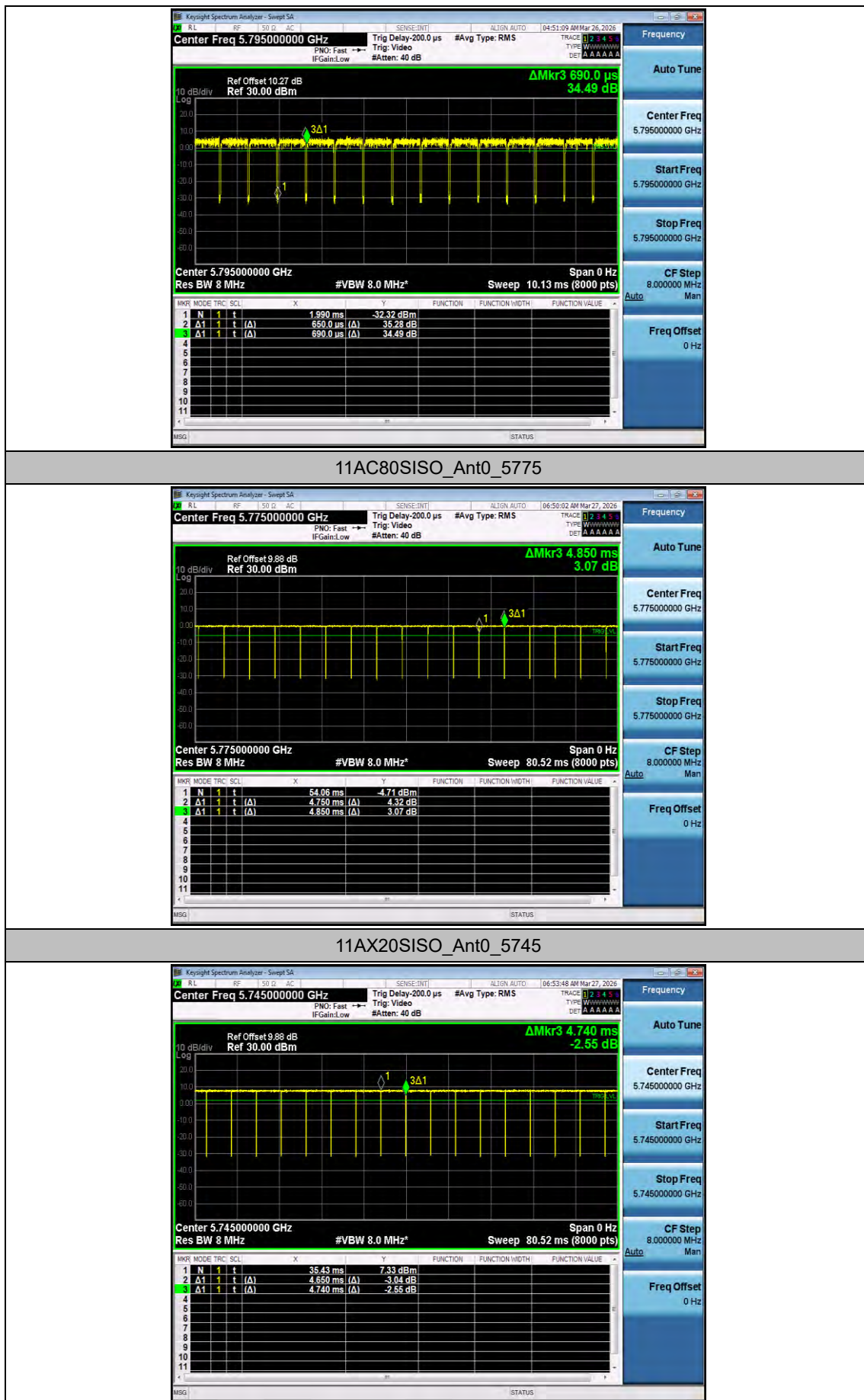
11AC20SISO_Ant0_5825



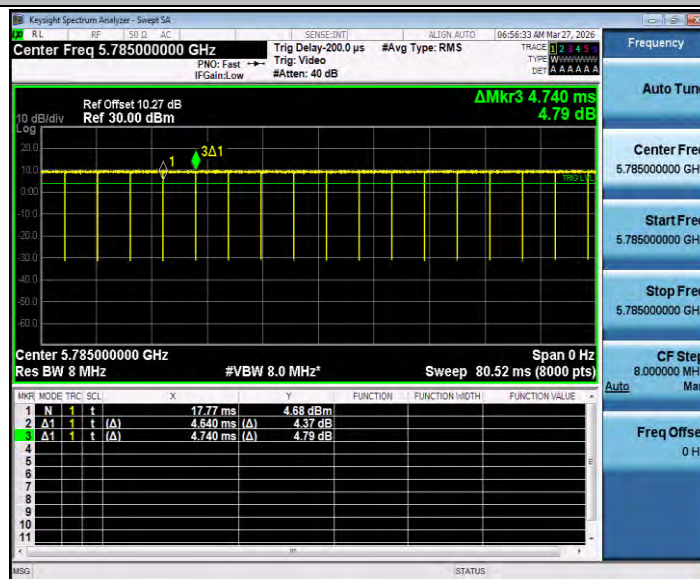
11AC40SISO_Ant0_5755



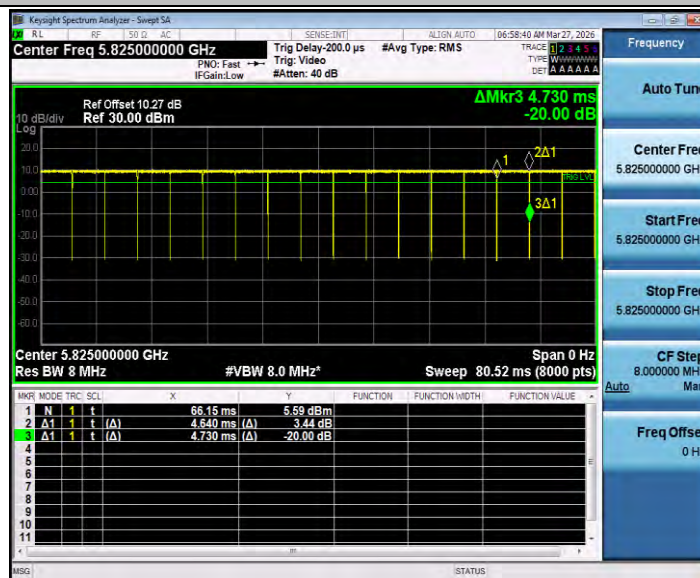
11AC40SISO_Ant0_5795



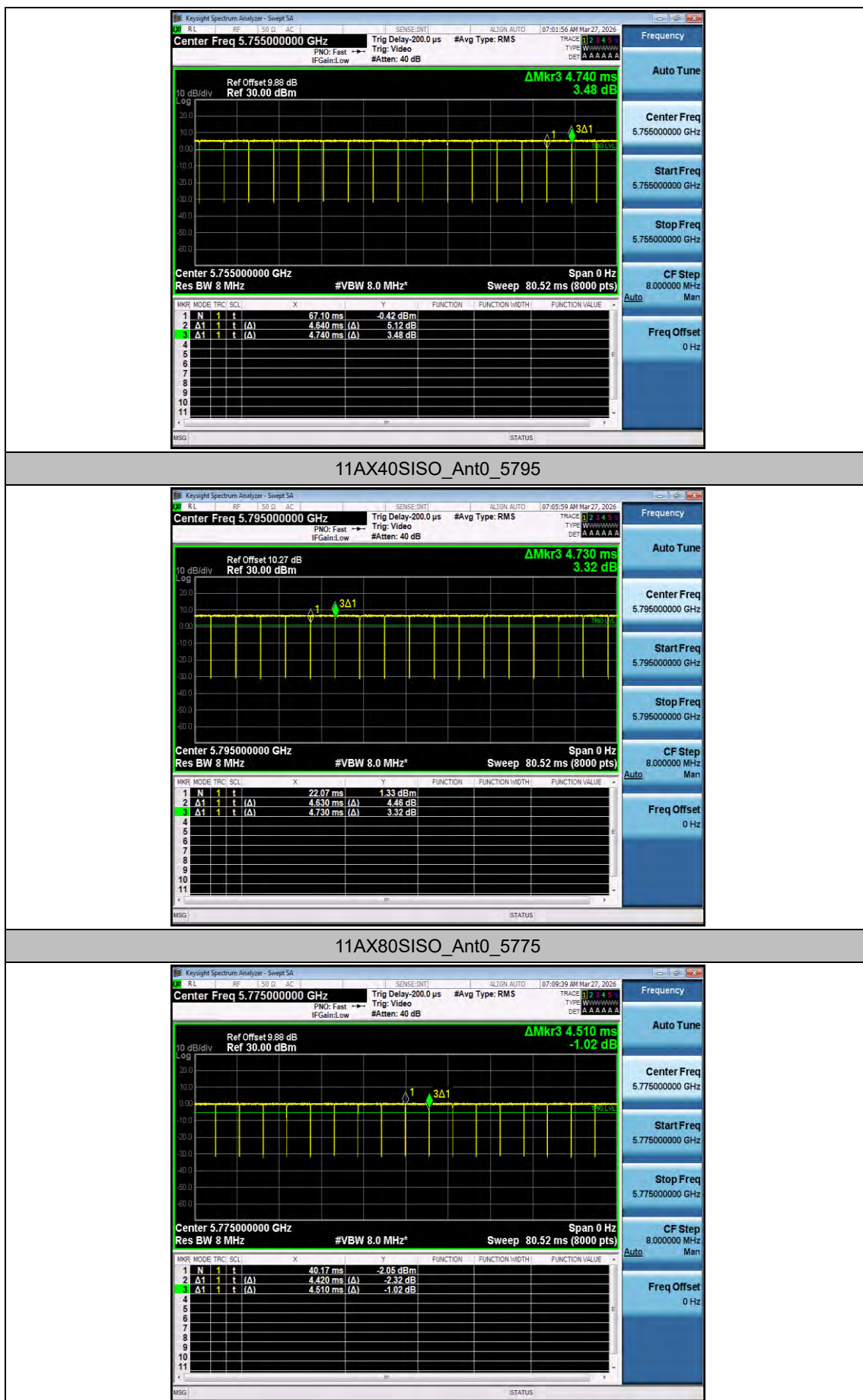
11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



Appendix G.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	Ant0	5745	10.79	98.38	0.07	10.86	≤30.00	PASS
		5785	11.95	98.38	0.07	12.02	≤30.00	PASS
		5825	12.29	98.38	0.07	12.36	≤30.00	PASS
11N20SISO	Ant0	5745	10.48	98.17	0.08	10.56	≤30.00	PASS
		5785	11.74	98.17	0.08	11.82	≤30.00	PASS
		5825	12.31	98.17	0.08	12.39	≤30.00	PASS
11N40SISO	Ant0	5755	11.63	98.28	0.08	11.71	≤30.00	PASS
		5795	12.90	98.10	0.08	12.98	≤30.00	PASS
11AC20SISO	Ant0	5745	11.24	98.35	0.07	11.31	≤30.00	PASS
		5785	12.47	98.18	0.08	12.55	≤30.00	PASS
		5825	12.99	98.35	0.07	13.06	≤30.00	PASS
11AC40SISO	Ant0	5755	11.33	98.28	0.08	11.41	≤30.00	PASS
		5795	9.13	94.20	0.26	9.39	≤30.00	PASS
11AC80SISO	Ant0	5775	10.84	97.94	0.09	10.93	≤30.00	PASS
11AX20SISO	Ant0	5745	10.69	98.10	0.08	10.77	≤30.00	PASS
		5785	12.25	97.89	0.09	12.34	≤30.00	PASS
		5825	12.54	98.10	0.08	12.62	≤30.00	PASS
11AX40SISO	Ant0	5755	10.98	97.89	0.09	11.07	≤30.00	PASS
		5795	12.62	97.89	0.09	12.71	≤30.00	PASS
11AX80SISO	Ant0	5775	10.87	98.00	0.09	10.96	≤30.00	PASS

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-3.27	≤30.00	PASS
		5785	-1.86	≤30.00	PASS
		5825	-1.63	≤30.00	PASS
11N20SISO	Ant0	5745	-3.69	≤30.00	PASS
		5785	-2.20	≤30.00	PASS
		5825	-1.96	≤30.00	PASS
11N40SISO	Ant0	5755	-5.42	≤30.00	PASS
		5795	-3.99	≤30.00	PASS
11AC20SISO	Ant0	5745	-2.86	≤30.00	PASS
		5785	-1.47	≤30.00	PASS
		5825	-1.25	≤30.00	PASS
11AC40SISO	Ant0	5755	-5.58	≤30.00	PASS
		5795	-6.89	≤30.00	PASS
11AC80SISO	Ant0	5775	-8.51	≤30.00	PASS
11AX20SISO	Ant0	5745	-3.72	≤30.00	PASS
		5785	-1.98	≤30.00	PASS
		5825	-1.75	≤30.00	PASS
11AX40SISO	Ant0	5755	-6.19	≤30.00	PASS
		5795	-4.59	≤30.00	PASS
11AX80SISO	Ant0	5775	-9.29	≤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

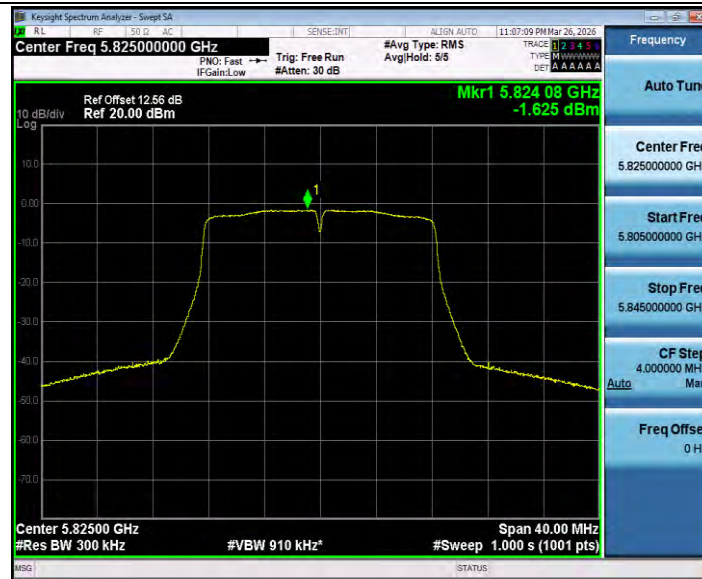
11A_Ant0_5745



11A_Ant0_5785



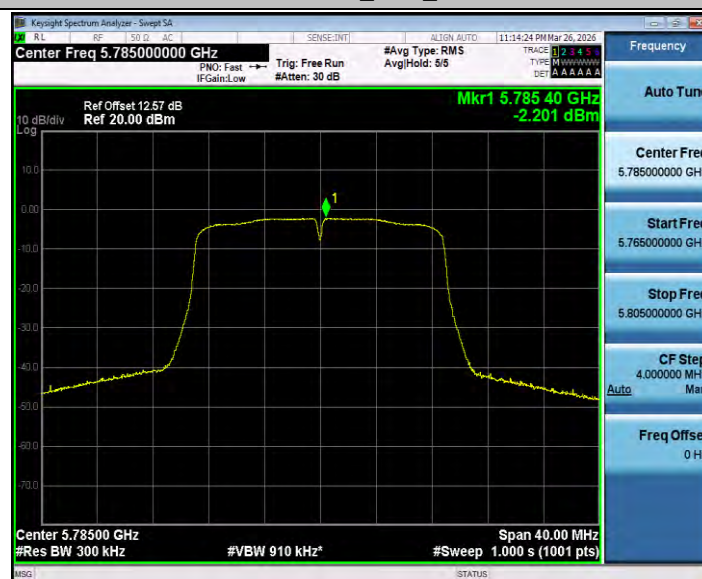
11A_Ant0_5825



11N20SISO_Ant0_5745



11N20SISO_Ant0_5785



11N20SISO_Ant0_5825



11N40SISO_Ant0_5755



11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745



11AC20SISO_Ant0_5785



11AC20SISO_Ant0_5825



11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



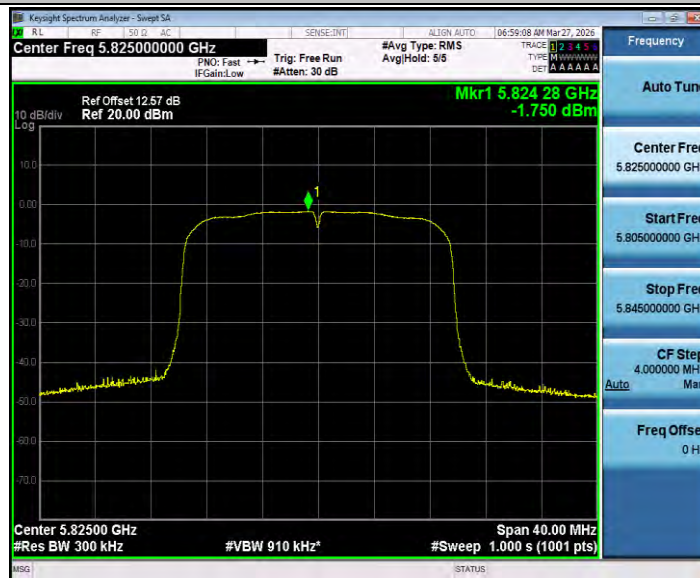
11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775

