

Case No. : <u>GTS20251122004-1-13</u>
Ambient Condition: <u>26</u> °C, <u>53</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.4.9-2026.4.22</u> Test Engineer: <u>Evan ouyang</u>

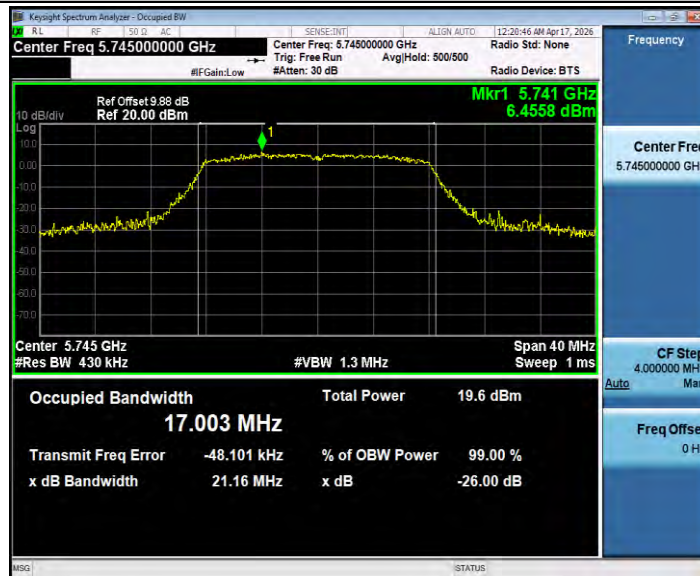
Appendix G.1: Occupied channel bandwidth

Test Result

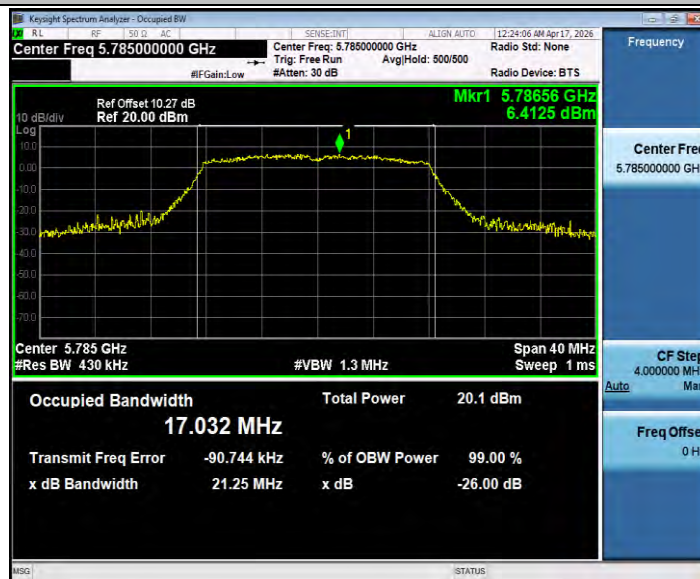
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.003	5736.4504	5753.4534	---	---
		5785	17.032	5776.3933	5793.4253	---	---
		5825	17.072	5816.3705	5833.4425	---	---
11N20SISO	Ant1	5745	17.970	5735.9445	5753.9145	---	---
		5785	17.959	5775.9381	5793.8971	---	---
		5825	18.005	5815.8997	5833.9047	---	---
11N40SISO	Ant1	5755	36.228	5736.8268	5773.0548	---	---
		5795	36.277	5776.8104	5813.0874	---	---
11AC20SISO	Ant1	5745	18.018	5735.9103	5753.9283	---	---
		5785	18.024	5775.9067	5793.9307	---	---
		5825	17.984	5815.9567	5833.9407	---	---
11AC40SISO	Ant1	5755	36.151	5736.8564	5773.0074	---	---
		5795	36.299	5776.8029	5813.1019	---	---
11AC80SISO	Ant1	5775	74.863	5737.4960	5812.3590	---	---
11AX20SISO	Ant1	5745	18.969	5735.4350	5754.4040	---	---
		5785	18.963	5775.4288	5794.3918	---	---
		5825	18.948	5815.4535	5834.4015	---	---
11AX40SISO	Ant1	5755	37.464	5736.2261	5773.6901	---	---
		5795	37.548	5776.1683	5813.7163	---	---
11AX80SISO	Ant1	5775	76.812	5736.5684	5813.3804	---	---

Test Graphs

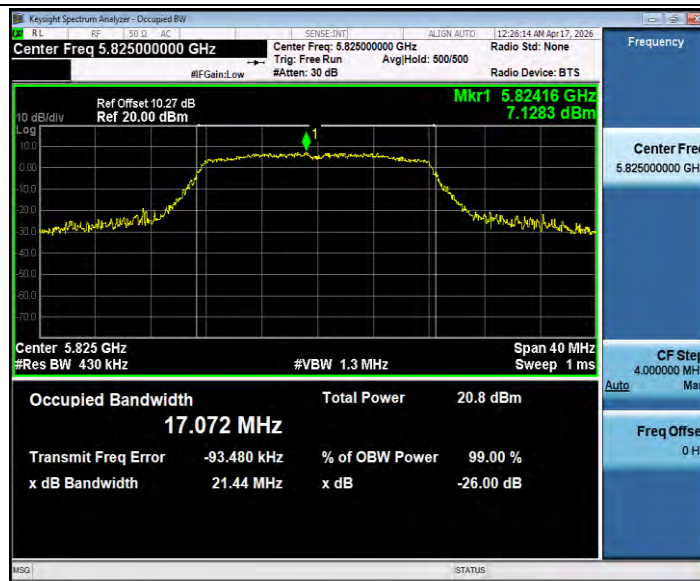
11A_Ant1_5745



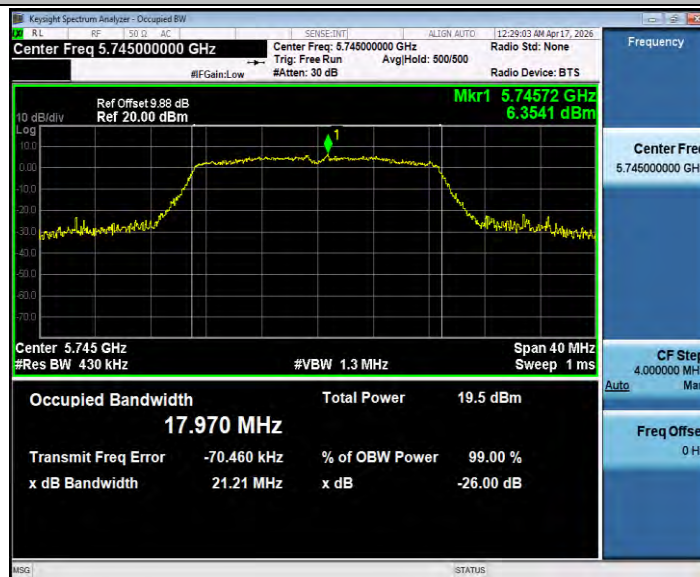
11A_Ant1_5785



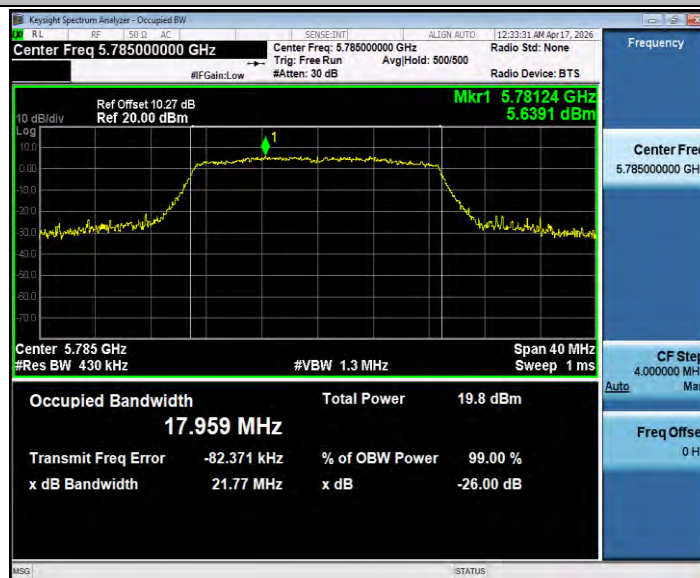
11A_Ant1_5825



11N20SISO_Ant1_5745



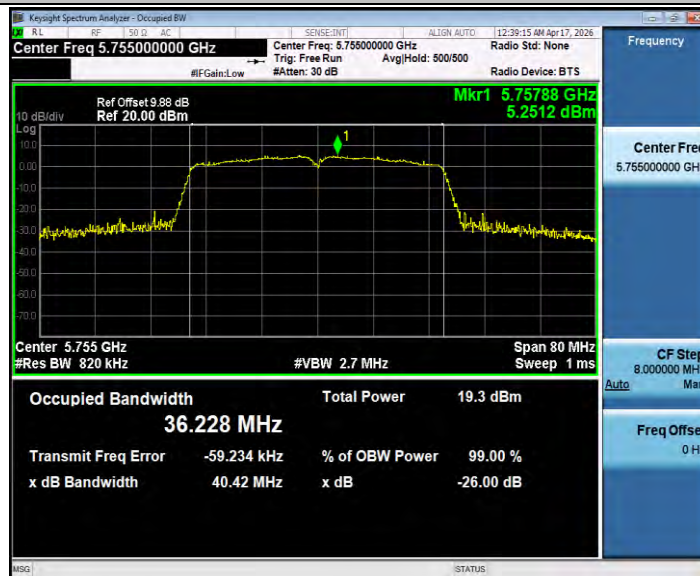
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



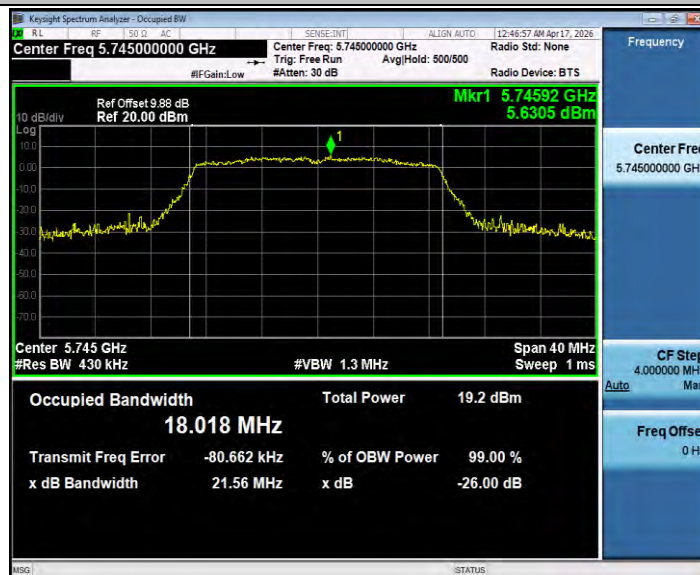
11N40SISO_Ant1_5755



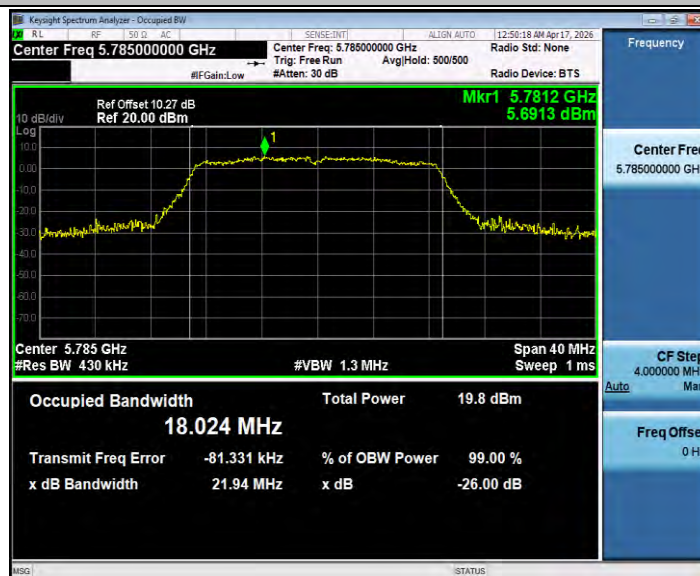
11N40SISO_Ant1_5795



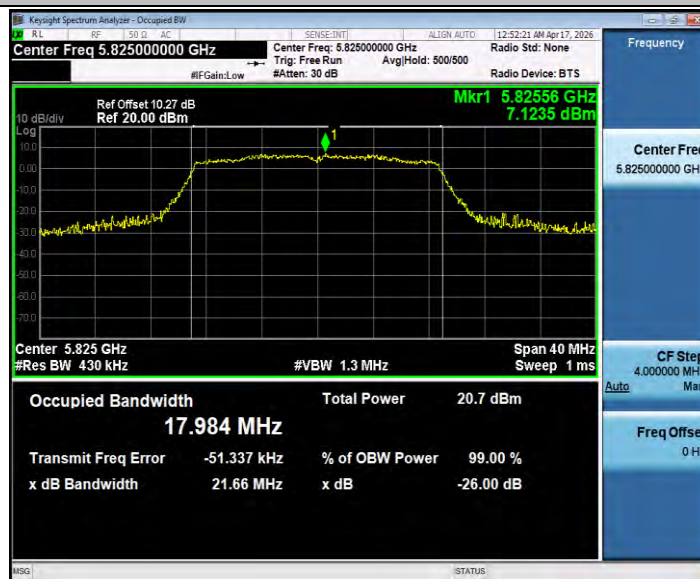
11AC20SISO_Ant1_5745



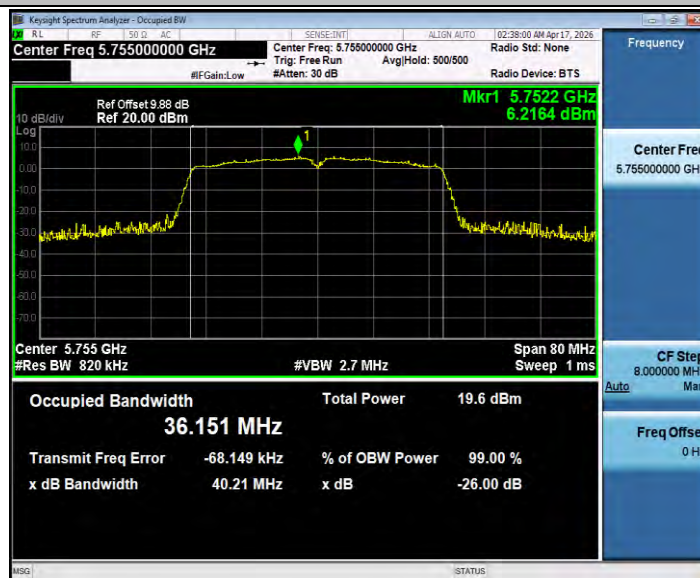
11AC20SISO_Ant1_5785



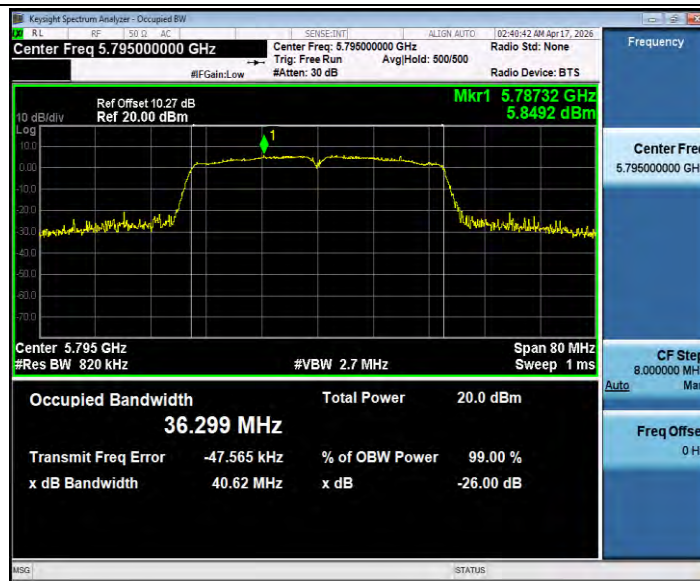
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



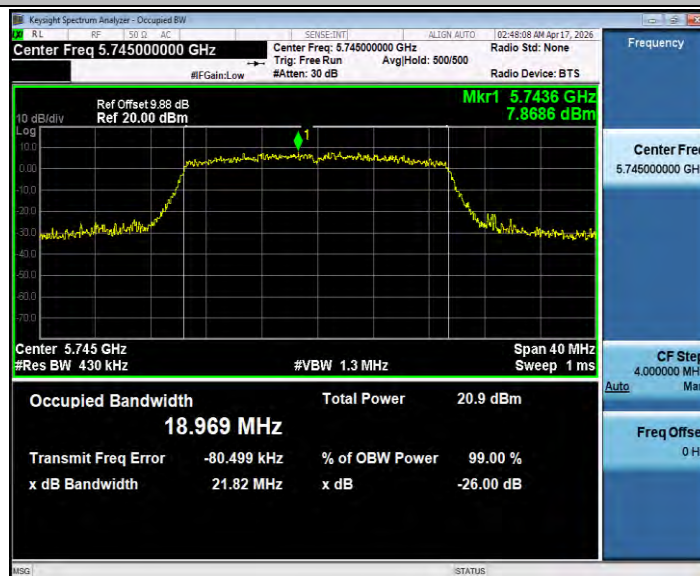
11AC40SISO_Ant1_5795



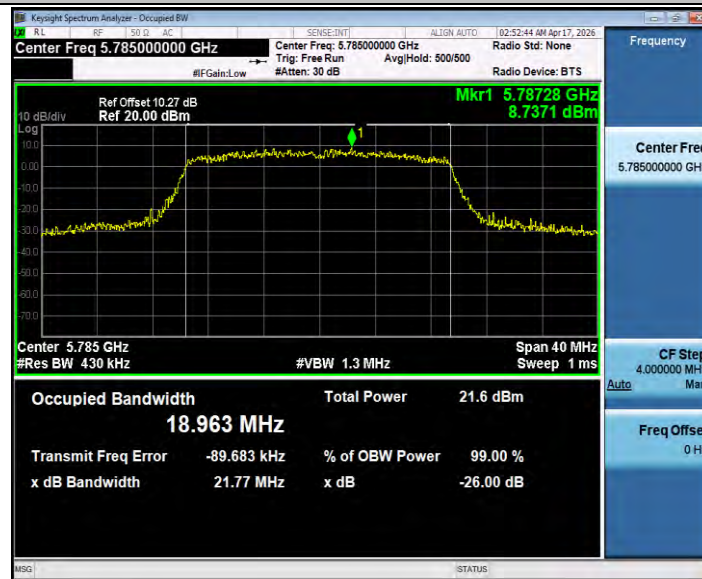
11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



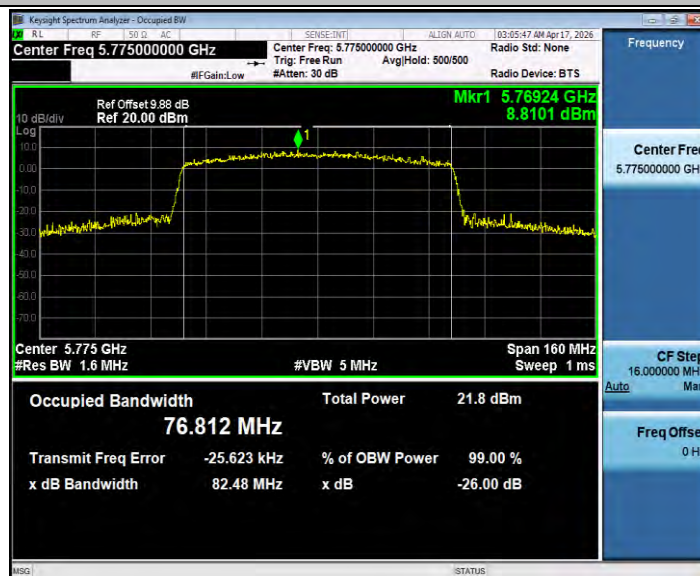
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

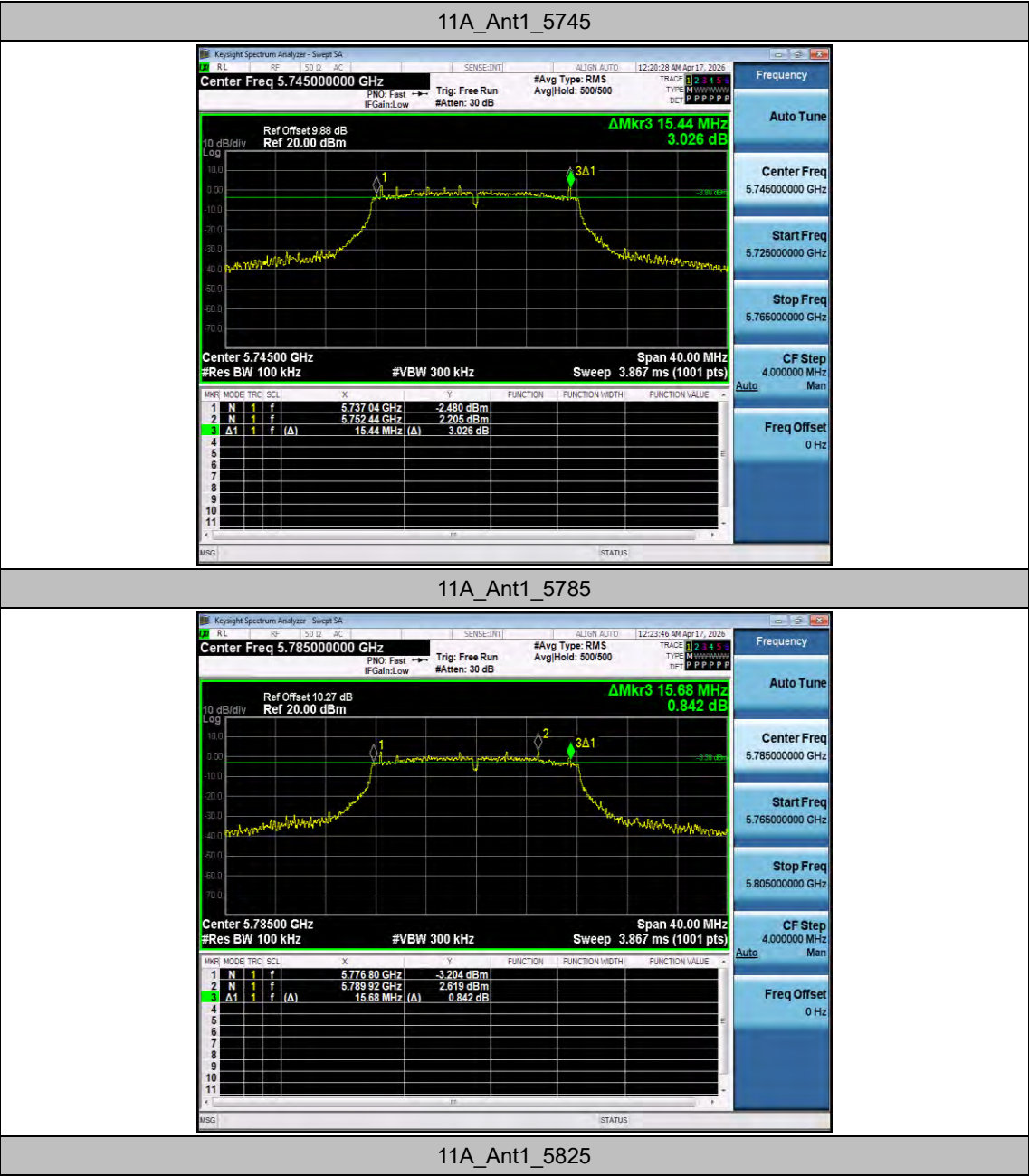


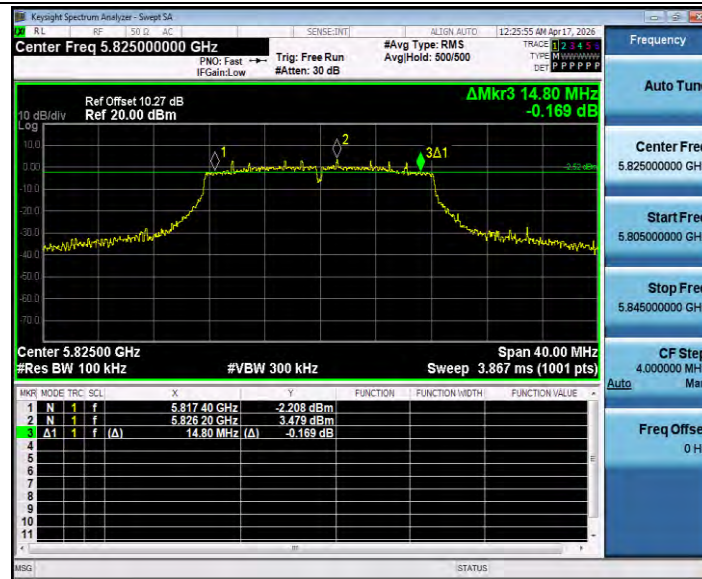
Appendix G.2: Min emission bandwidth

Test Result B4

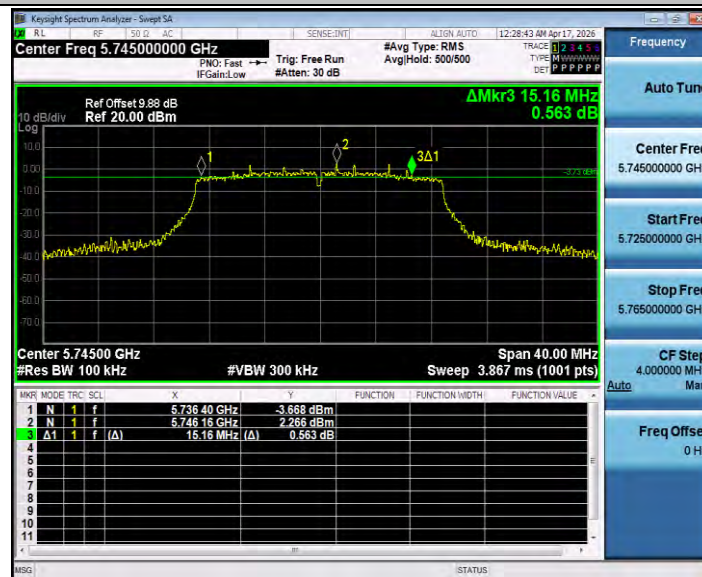
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.440	5737.040	5752.480	0.5	PASS
		5785	15.680	5776.800	5792.480	0.5	PASS
		5825	14.800	5817.400	5832.200	0.5	PASS
11N20SISO	Ant1	5745	15.160	5736.400	5751.560	0.5	PASS
		5785	15.640	5776.800	5792.440	0.5	PASS
		5825	15.840	5817.440	5833.280	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.320	5772.440	0.5	PASS
		5795	35.040	5777.320	5812.360	0.5	PASS
11AC20SISO	Ant1	5745	15.120	5737.320	5752.440	0.5	PASS
		5785	16.080	5776.440	5792.520	0.5	PASS
		5825	15.880	5816.800	5832.680	0.5	PASS
11AC40SISO	Ant1	5755	32.640	5739.880	5772.520	0.5	PASS
		5795	35.200	5777.320	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	73.920	5738.520	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	18.200	5735.920	5754.120	0.5	PASS
		5785	16.880	5776.400	5793.280	0.5	PASS
		5825	17.640	5815.720	5833.360	0.5	PASS
11AX40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.440	5777.320	5812.760	0.5	PASS
11AX80SISO	Ant1	5775	71.360	5741.080	5812.440	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



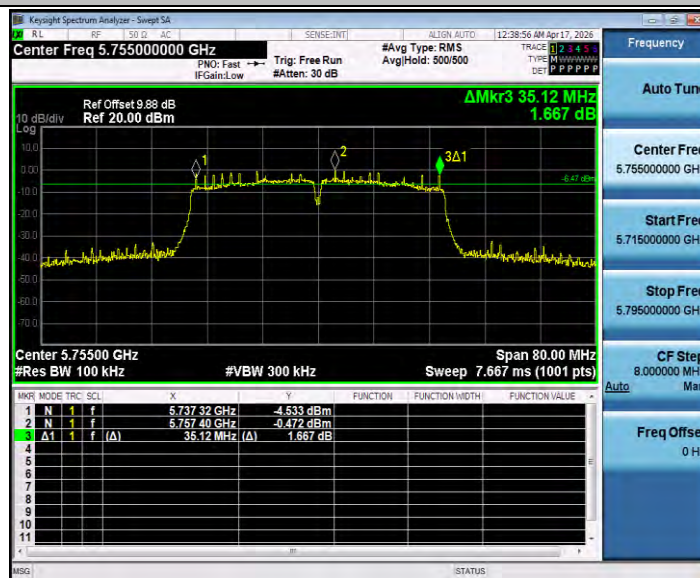
11N20SISO_Ant1_5785



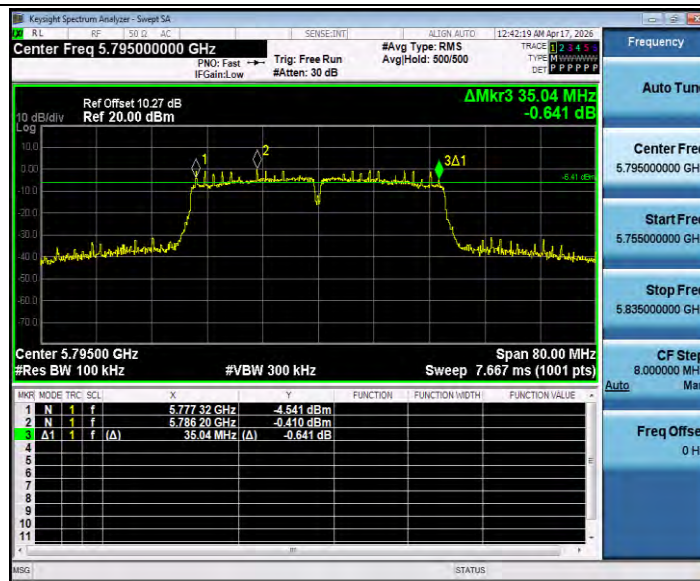
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



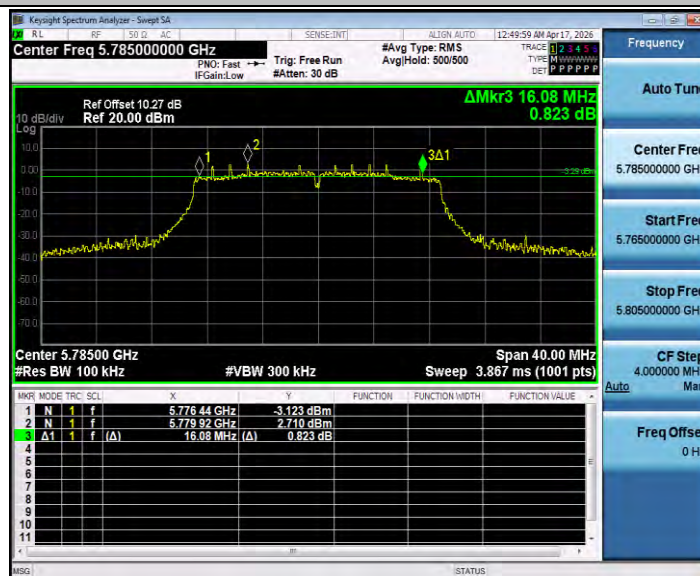
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



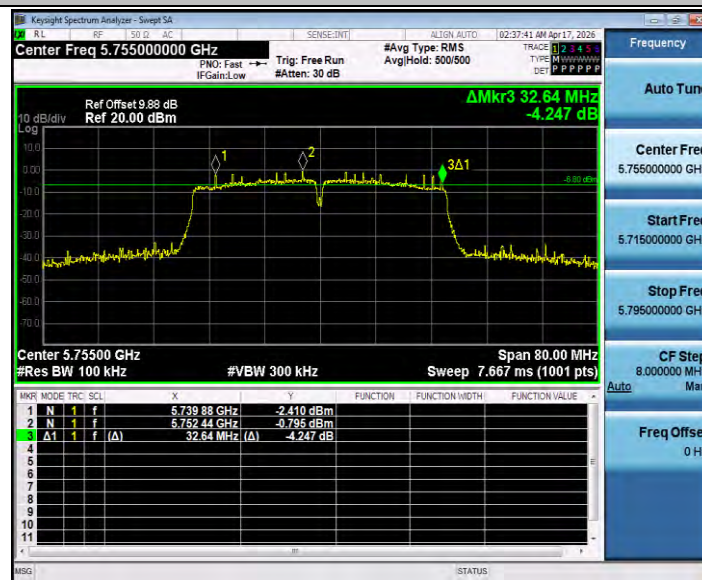
11AC20SISO_Ant1_5785



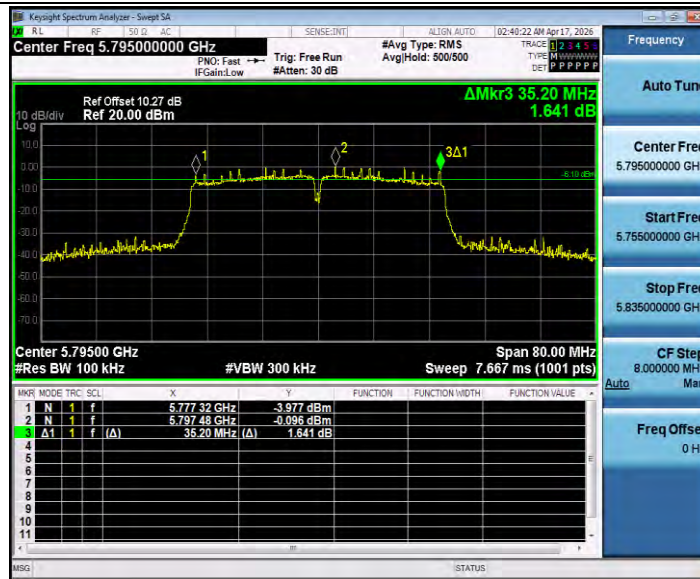
11AC20SISO_Ant1_5825



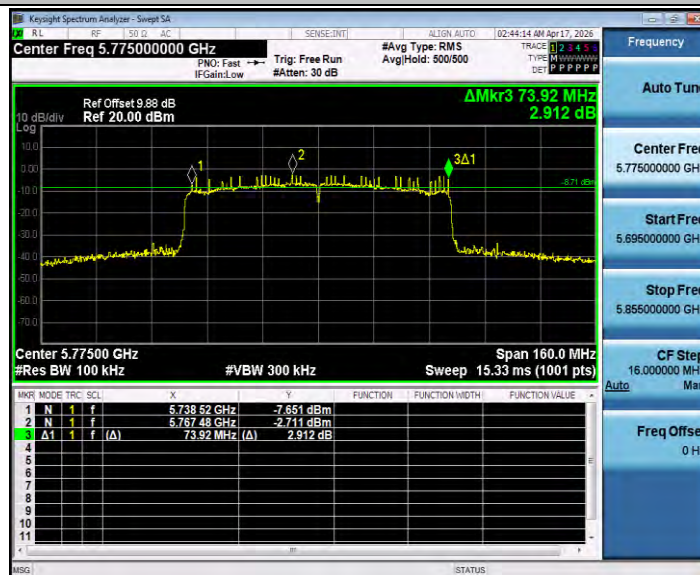
11AC40SISO_Ant1_5755



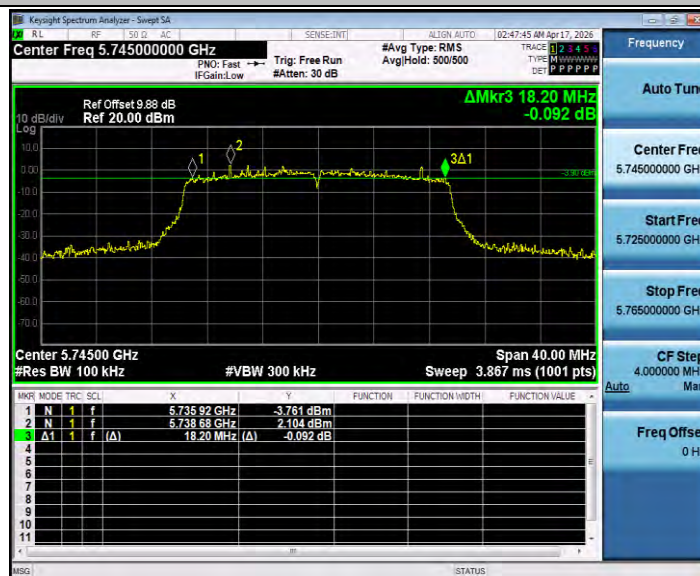
11AC40SISO_Ant1_5795



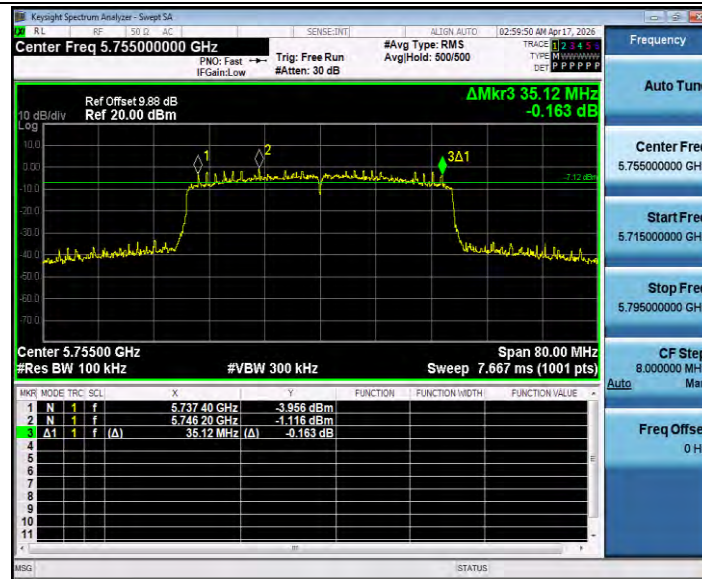
11AC80SISO_Ant1_5775



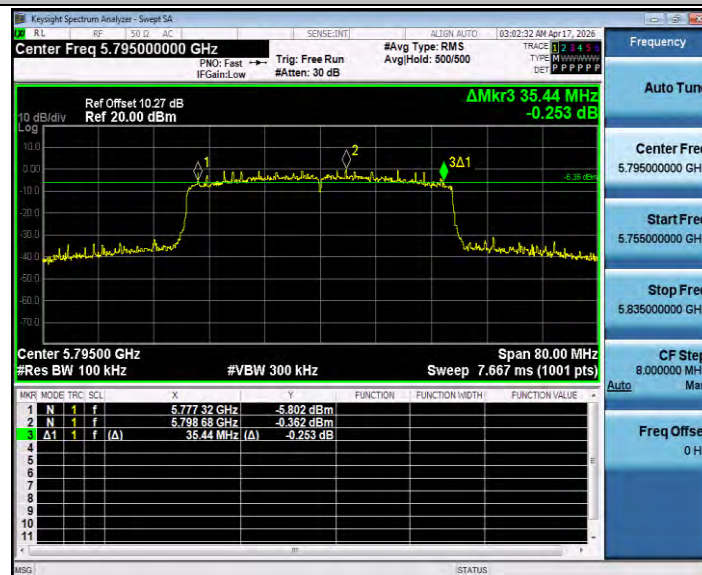
11AX20SISO_Ant1_5745



[illegible]



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

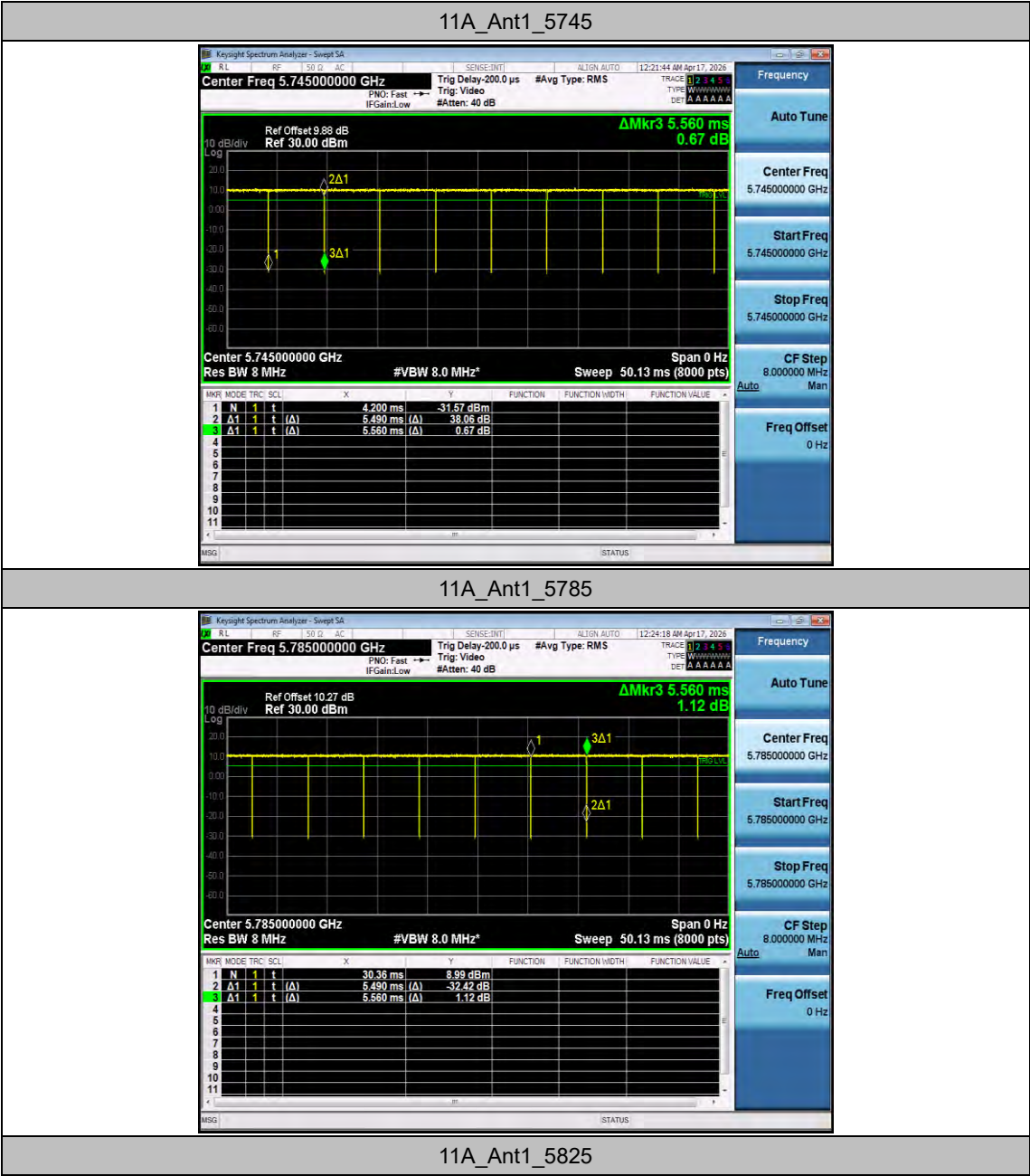


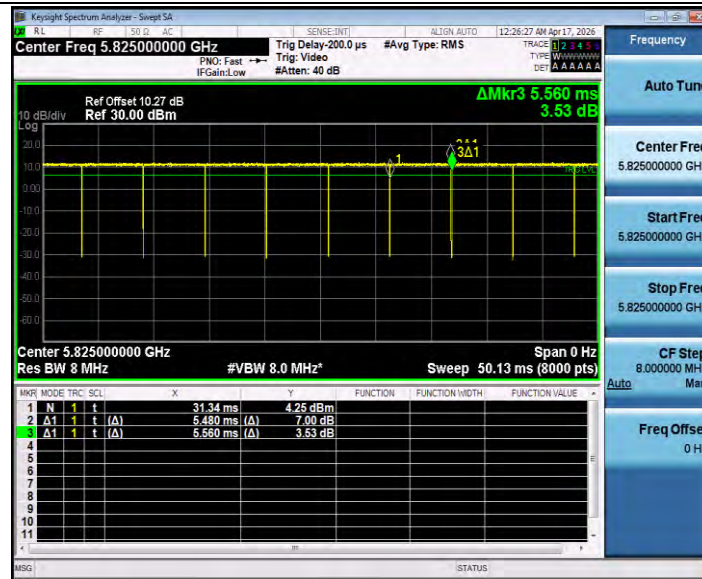
Appendix G.3: Duty Cycle

Test Result

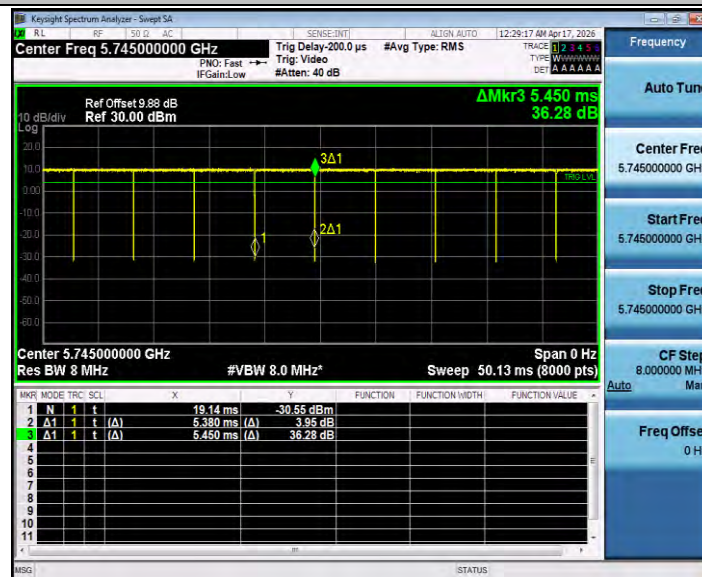
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	5.49	5.56	98.74	0.06	0.18
		5785	5.49	5.56	98.74	0.06	0.18
		5825	5.48	5.56	98.56	0.06	0.18
11N20SISO	Ant1	5745	5.38	5.45	98.72	0.06	0.19
		5785	5.37	5.44	98.71	0.06	0.19
		5825	5.37	5.44	98.71	0.06	0.19
11N40SISO	Ant1	5755	5.04	5.11	98.63	0.06	0.20
		5795	5.03	5.10	98.63	0.06	0.20
11AC20SISO	Ant1	5745	5.38	5.45	98.72	0.06	0.19
		5785	5.38	5.46	98.53	0.06	0.19
		5825	5.38	5.45	98.72	0.06	0.19
11AC40SISO	Ant1	5755	5.16	5.24	98.47	0.07	0.19
		5795	5.16	5.23	98.66	0.06	0.19
11AC80SISO	Ant1	5775	4.76	4.83	98.55	0.06	0.21
11AX20SISO	Ant1	5745	4.64	4.72	98.31	0.07	0.22
		5785	4.65	4.72	98.52	0.06	0.22
		5825	4.65	4.72	98.52	0.06	0.22
11AX40SISO	Ant1	5755	4.64	4.71	98.51	0.07	0.22
		5795	4.64	4.71	98.51	0.07	0.22
11AX80SISO	Ant1	5775	4.42	4.50	98.22	0.08	0.23

Test Graphs

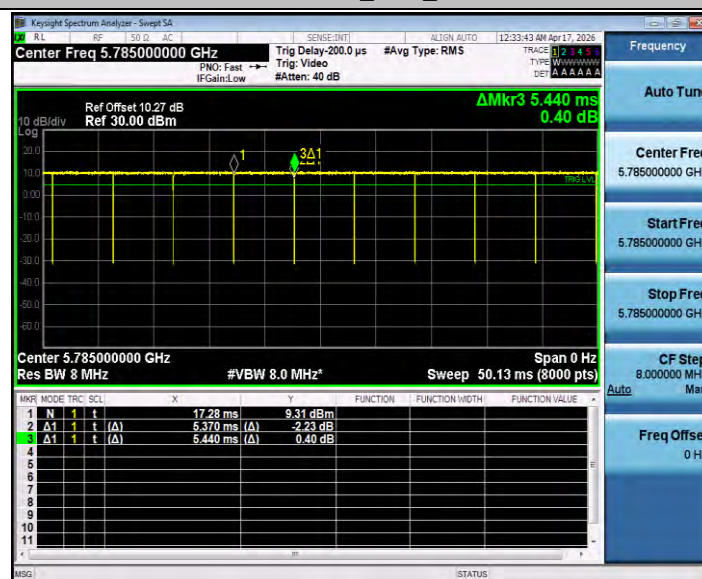




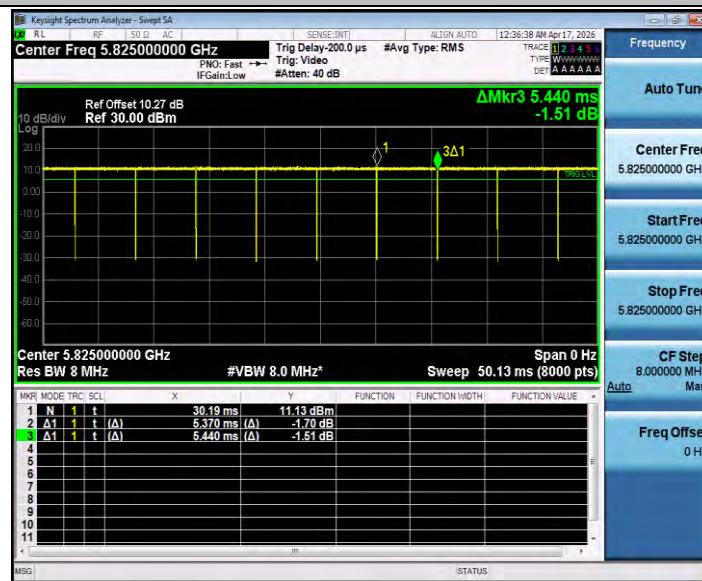
11N20SISO_Ant1_5745



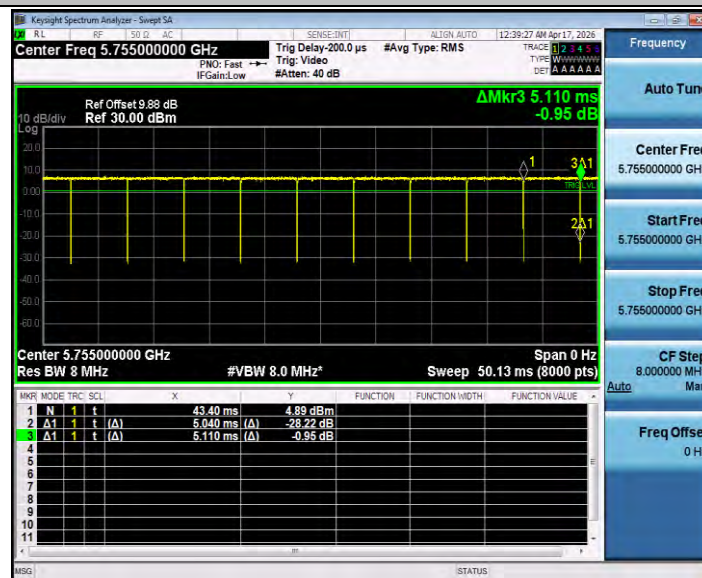
11N20SISO_Ant1_5785



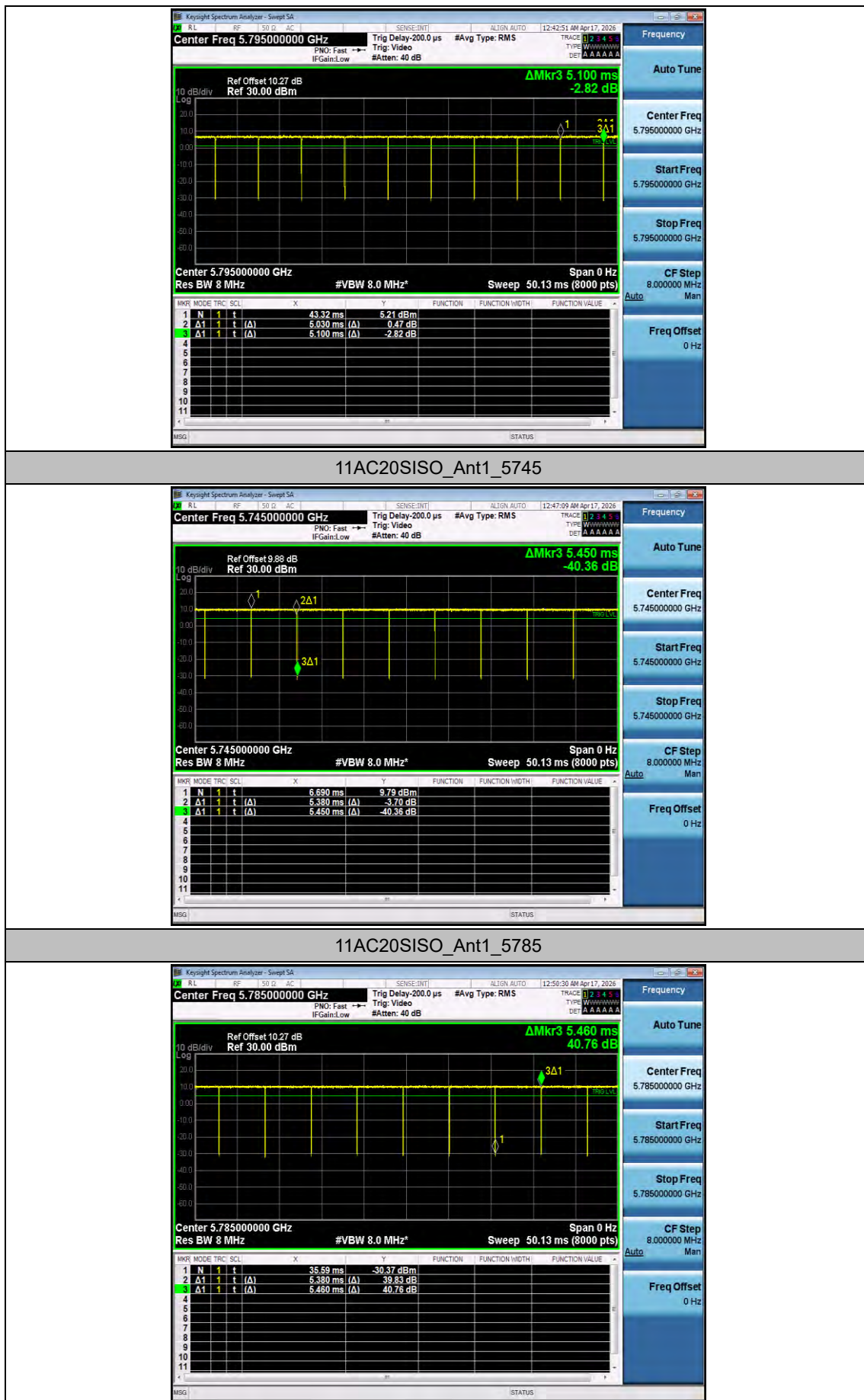
11N20SISO_Ant1_5825



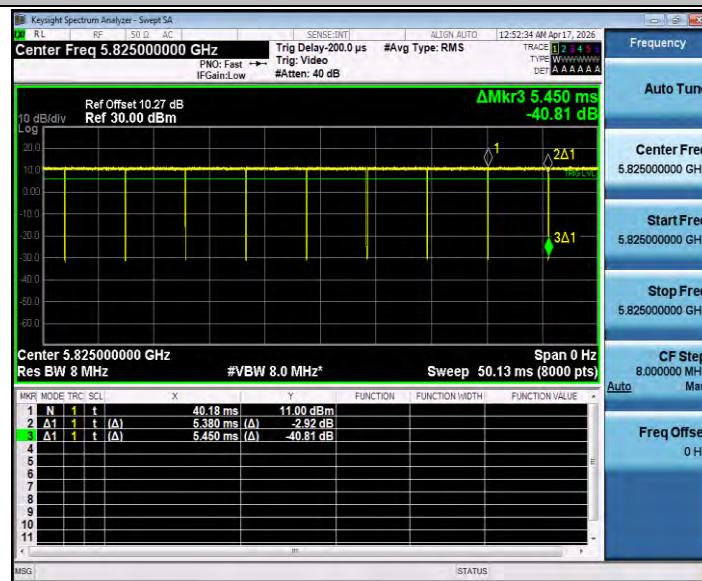
11N40SISO_Ant1_5755



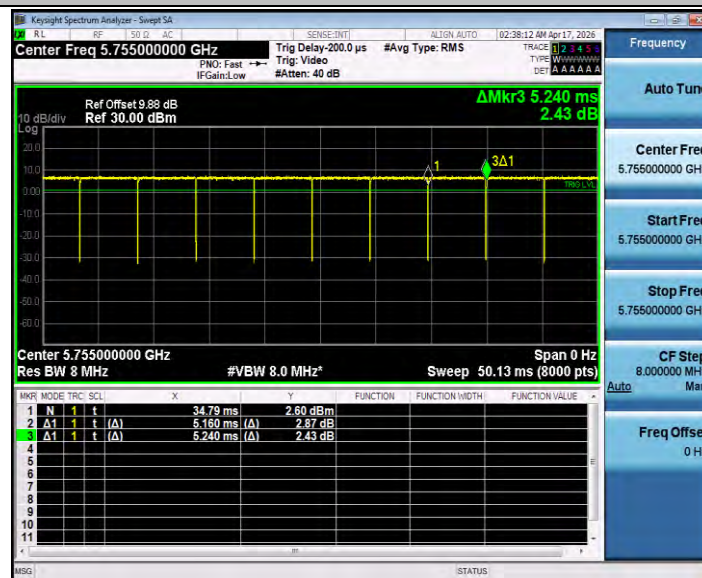
11N40SISO_Ant1_5795



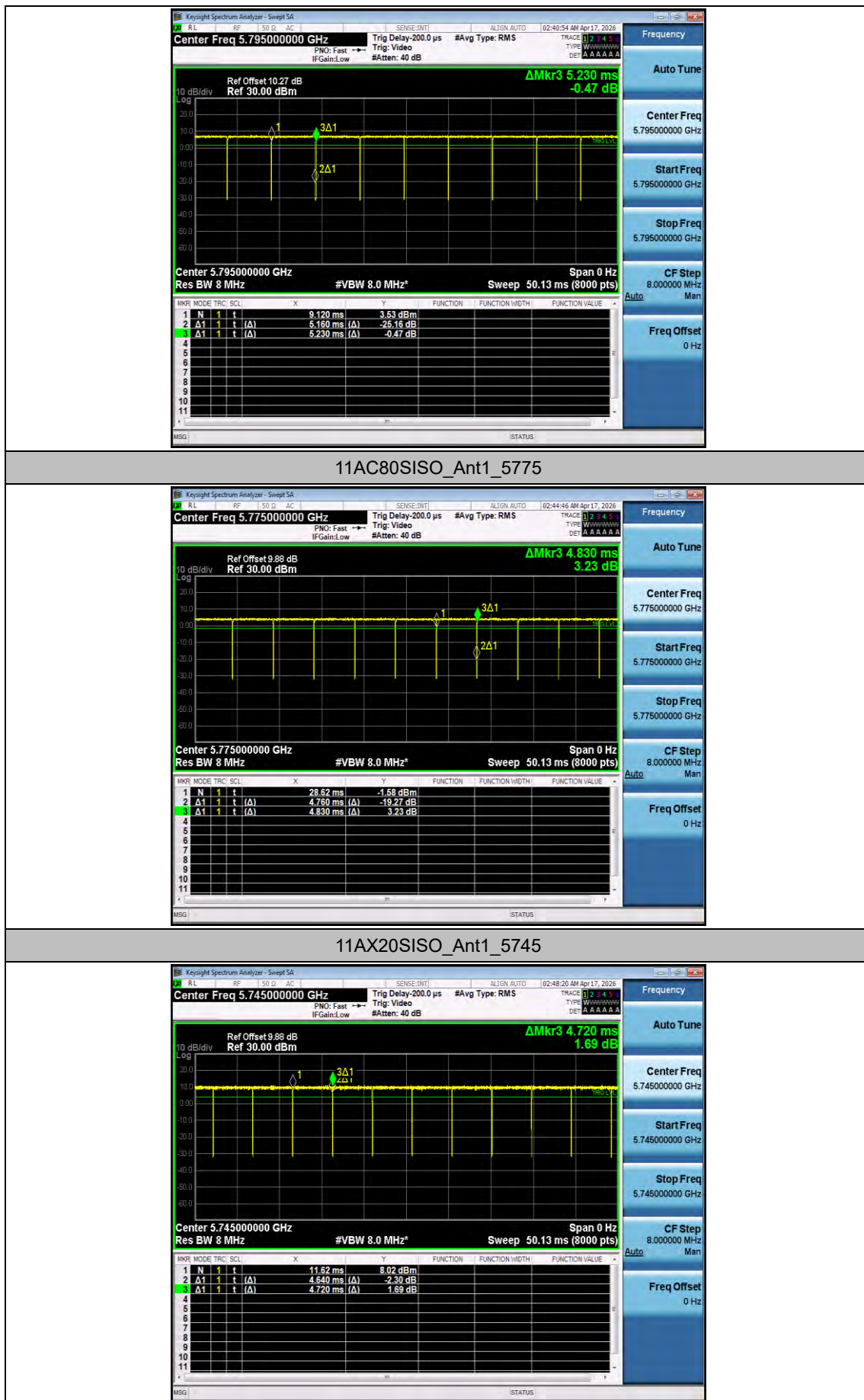
11AC20SISO_Ant1_5825

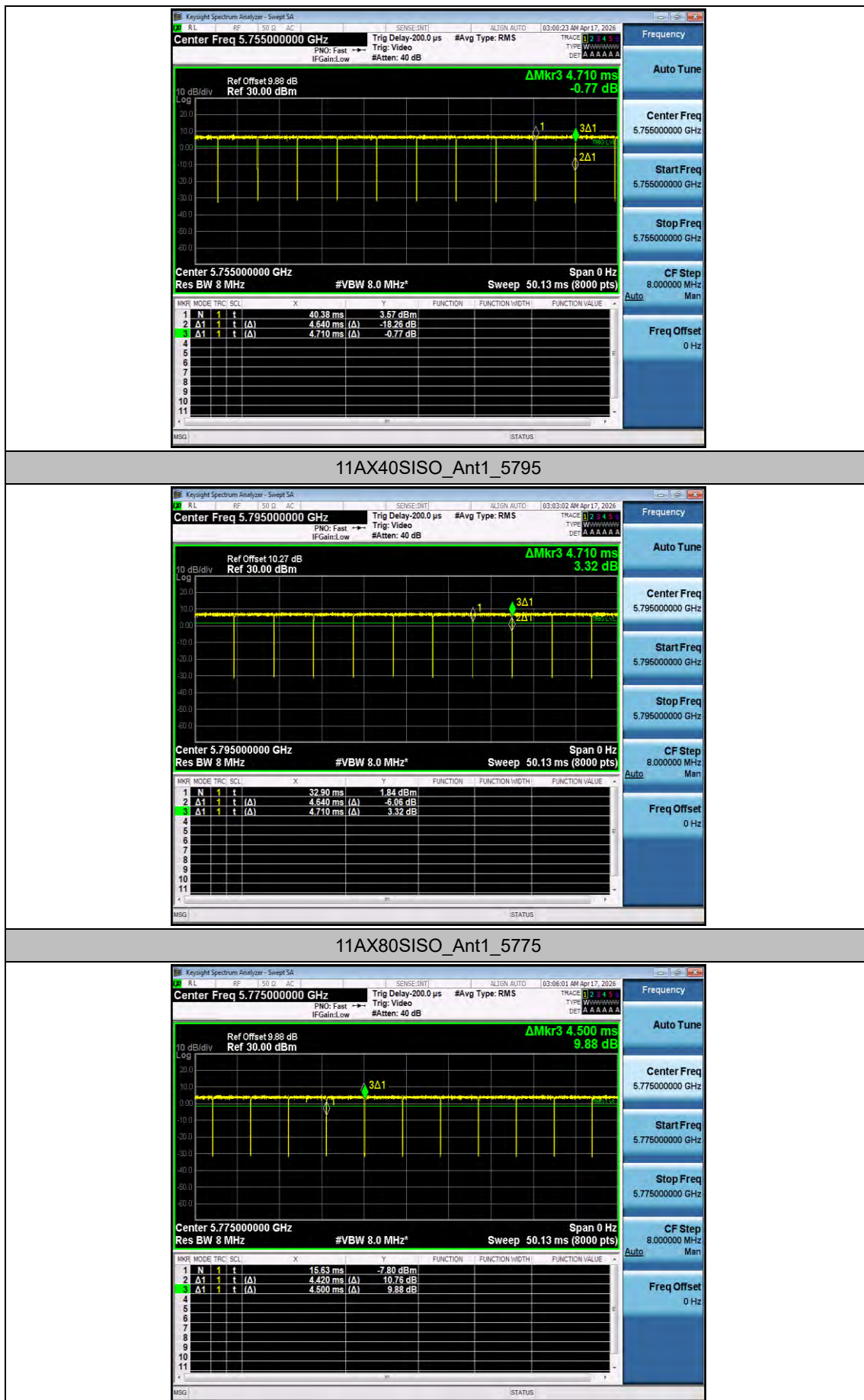


11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795





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	Ant1	5745	12.75	98.74	0.06	12.81	≤30.00	PASS
		5785	13.29	98.74	0.06	13.35	≤30.00	PASS
		5825	13.98	98.56	0.06	14.04	≤30.00	PASS
11N20SI SO	Ant1	5745	12.56	98.72	0.06	12.62	≤30.00	PASS
		5785	12.95	98.71	0.06	13.01	≤30.00	PASS
		5825	13.84	98.71	0.06	13.90	≤30.00	PASS
11N40SI SO	Ant1	5755	11.96	98.63	0.06	12.02	≤30.00	PASS
		5795	12.57	98.63	0.06	12.63	≤30.00	PASS
11AC20S ISO	Ant1	5745	12.42	98.72	0.06	12.48	≤30.00	PASS
		5785	13.00	98.53	0.06	13.06	≤30.00	PASS
		5825	13.91	98.72	0.06	13.97	≤30.00	PASS
11AC40S ISO	Ant1	5755	12.18	98.47	0.07	12.25	≤30.00	PASS
		5795	12.66	98.66	0.06	12.72	≤30.00	PASS
11AC80S ISO	Ant1	5775	12.92	98.55	0.06	12.98	≤30.00	PASS
11AX20SI SO	Ant1	5745	12.46	98.31	0.07	12.53	≤30.00	PASS
		5785	13.07	98.52	0.06	13.13	≤30.00	PASS
		5825	13.71	98.52	0.06	13.77	≤30.00	PASS
11AX40SI SO	Ant1	5755	12.15	98.51	0.07	12.22	≤30.00	PASS
		5795	12.67	98.51	0.07	12.74	≤30.00	PASS
11AX80SI SO	Ant1	5775	12.45	98.22	0.08	12.53	≤30.00	PASS

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.11	≤30.00	PASS
		5785	-0.48	≤30.00	PASS
		5825	0.33	≤30.00	PASS
11N20SISO	Ant1	5745	-1.49	≤30.00	PASS
		5785	-0.85	≤30.00	PASS
		5825	-0.16	≤30.00	PASS
11N40SISO	Ant1	5755	-4.54	≤30.00	PASS
		5795	-3.95	≤30.00	PASS
11AC20SISO	Ant1	5745	-1.43	≤30.00	PASS
		5785	-0.84	≤30.00	PASS
		5825	-0.10	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.23	≤30.00	PASS
		5795	-3.72	≤30.00	PASS
11AC80SISO	Ant1	5775	-6.67	≤30.00	PASS
11AX20SISO	Ant1	5745	-1.51	≤30.00	PASS
		5785	-1.04	≤30.00	PASS
		5825	-0.53	≤30.00	PASS
11AX40SISO	Ant1	5755	-4.66	≤30.00	PASS
		5795	-4.73	≤30.00	PASS
11AX80SISO	Ant1	5775	-7.39	≤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

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



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

