

Case No. : <u>GTS20250716006-1-02</u>
Ambient Condition: <u>22</u> °C, <u>53</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.8.8-2025.8.20</u> Test Engineer: <u>Evan ouyang</u>

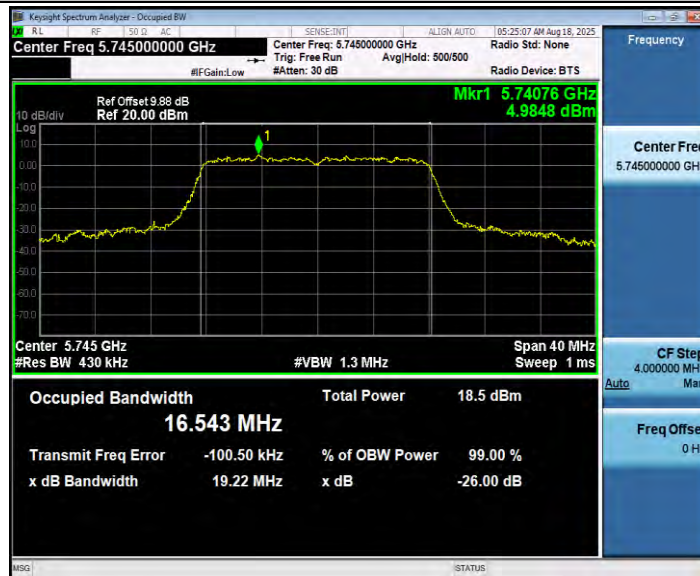
Appendix C.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.543	5736.6280	5753.1710	---	---
		5785	16.521	5776.6379	5793.1589	---	---
		5825	16.496	5816.6662	5833.1622	---	---
11N20SISO	Ant2	5745	17.604	5736.0675	5753.6715	---	---
		5785	17.602	5776.0793	5793.6813	---	---
		5825	17.594	5816.0810	5833.6750	---	---
11N40SISO	Ant2	5755	36.203	5736.8319	5773.0349	---	---
		5795	36.200	5776.8472	5813.0472	---	---
11AC20SISO	Ant2	5745	17.606	5736.0823	5753.6883	---	---
		5785	17.620	5776.0768	5793.6968	---	---
		5825	17.603	5816.0954	5833.6984	---	---
11AC40SISO	Ant2	5755	36.145	5736.8364	5772.9814	---	---
		5795	36.316	5776.7716	5813.0876	---	---
11AC80SISO	Ant2	5775	77.008	5736.6144	5813.6224	---	---
11AX20SISO	Ant2	5745	18.986	5735.3921	5754.3781	---	---
		5785	19.000	5775.3882	5794.3882	---	---
		5825	18.957	5815.4081	5834.3651	---	---
11AX40SISO	Ant2	5755	37.734	5736.0134	5773.7474	---	---
		5795	37.730	5776.0004	5813.7304	---	---
11AX80SISO	Ant2	5775	77.602	5736.2583	5813.8603	---	---

Test Graphs

11A_Ant2_5745



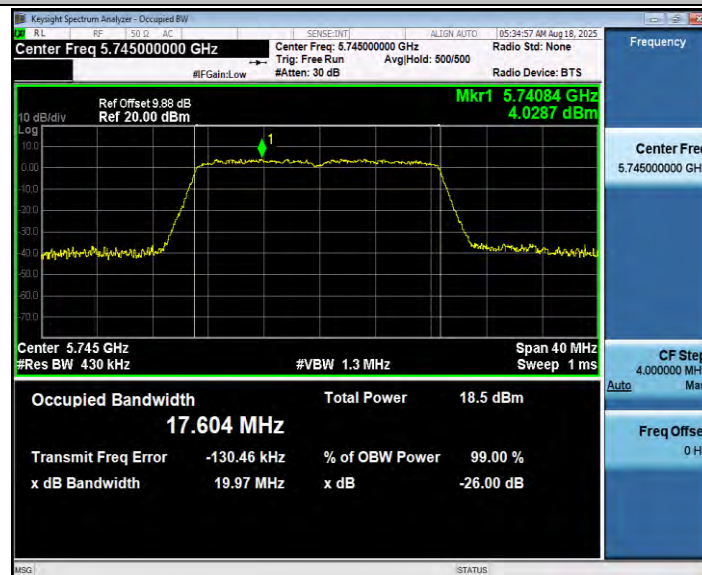
11A_Ant2_5785



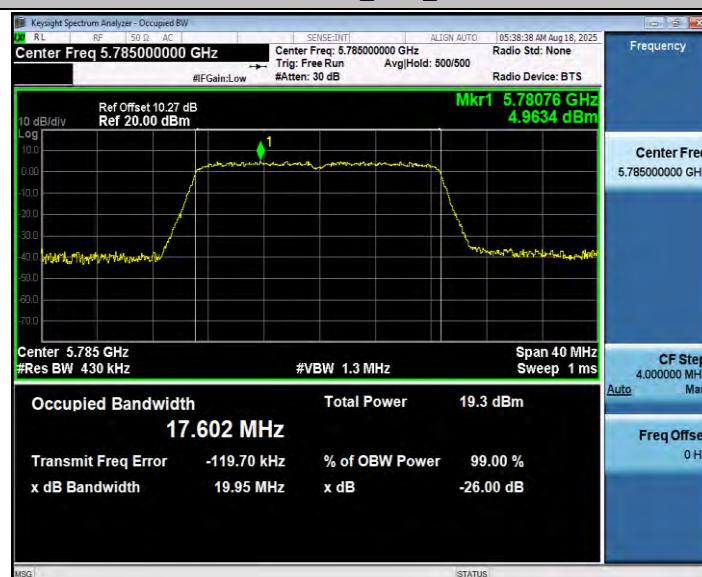
11A_Ant2_5825



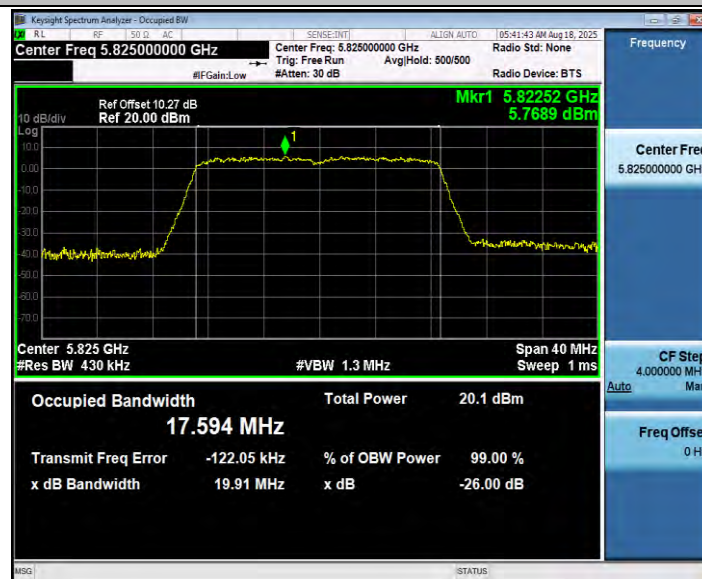
11N20SISO_Ant2_5745



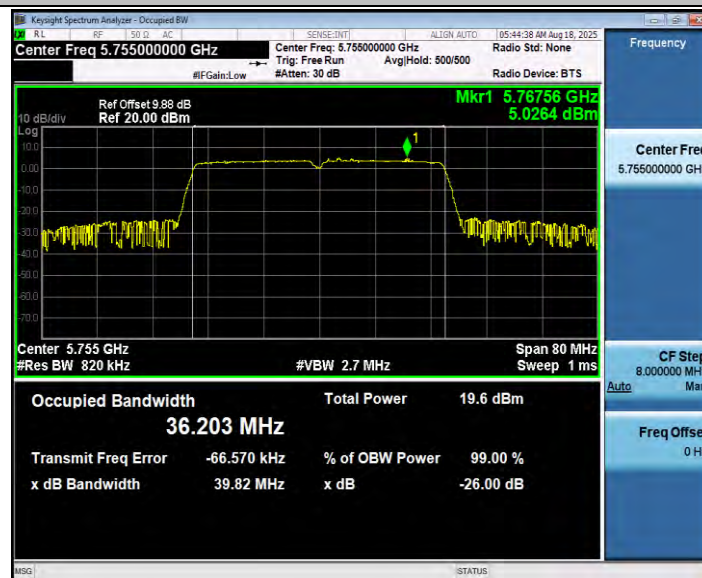
11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



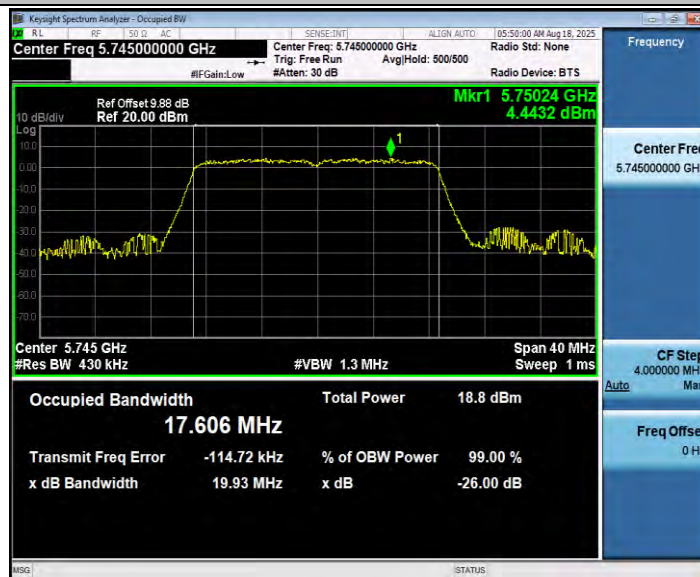
11N40SISO_Ant2_5755



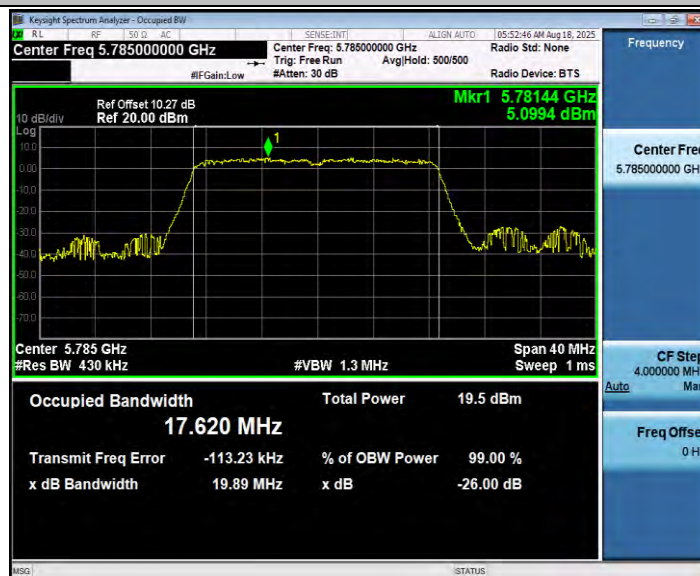
11N40SISO_Ant2_5795



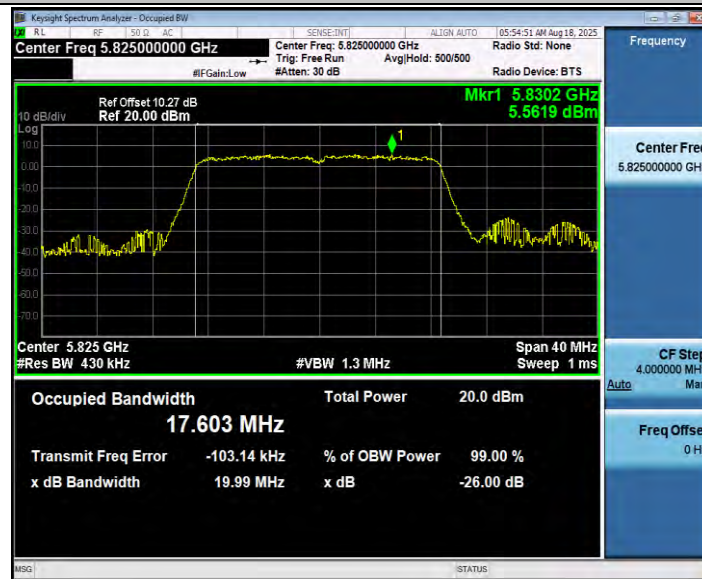
11AC20SISO_Ant2_5745



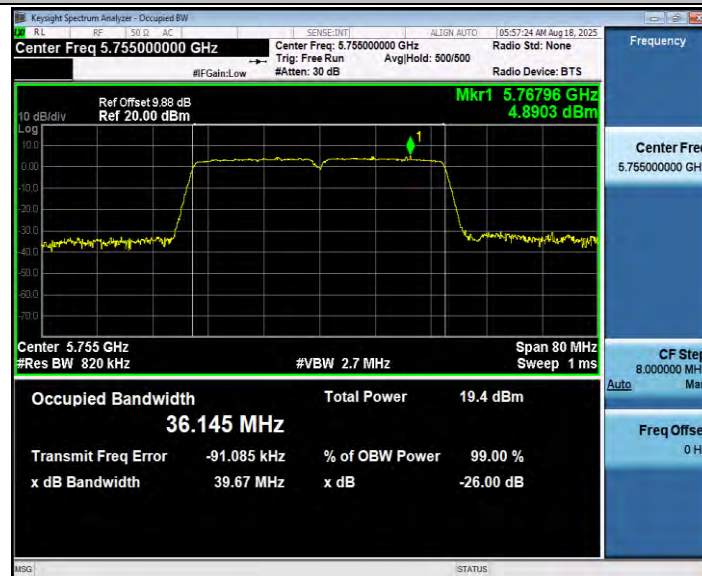
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



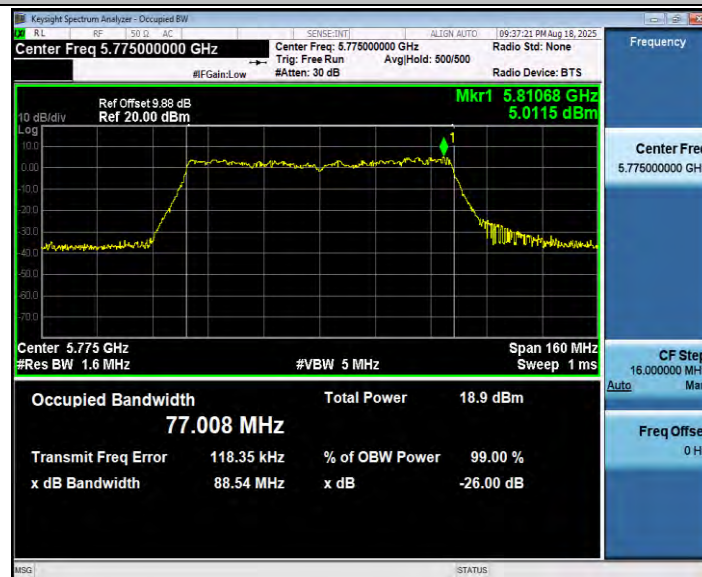
11AC40SISO_Ant2_5755



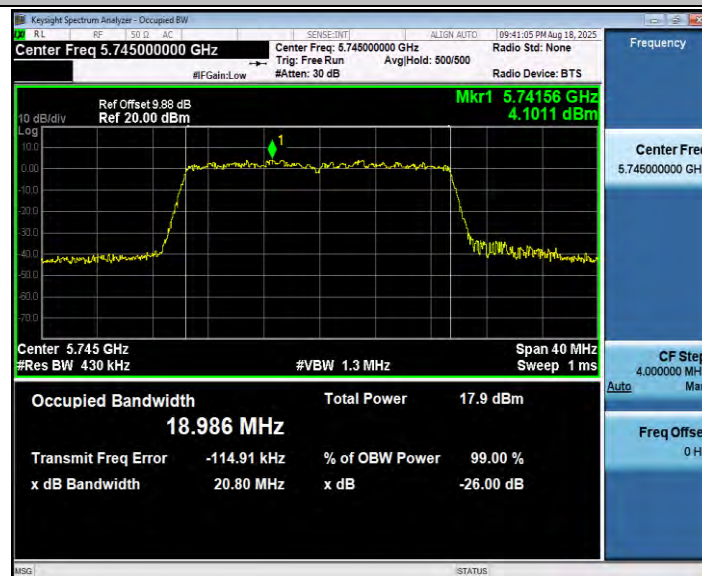
11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



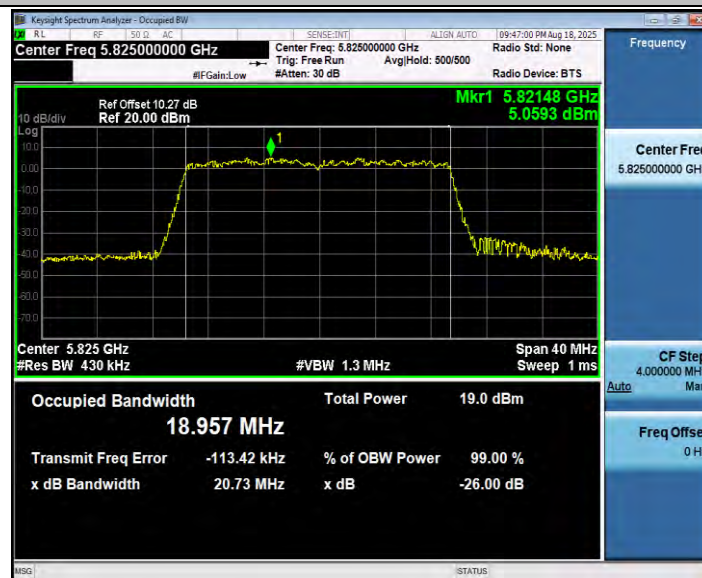
11AX20SISO_Ant2_5745



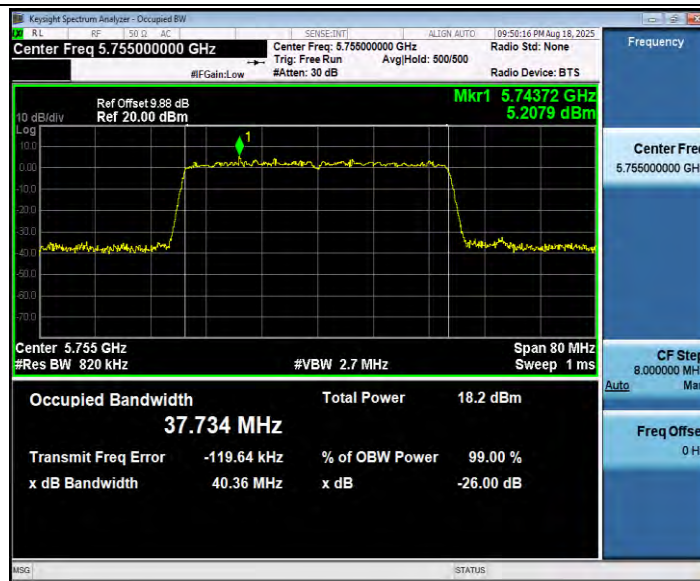
11AX20SISO_Ant2_5785



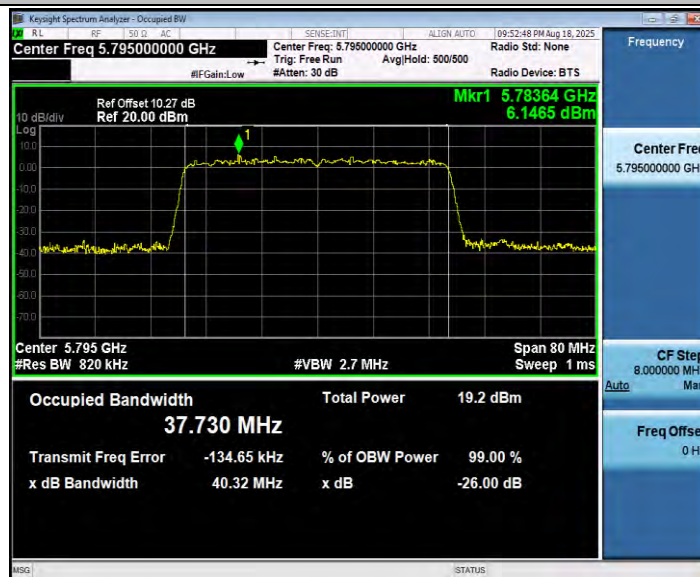
11AX20SISO_Ant2_5825



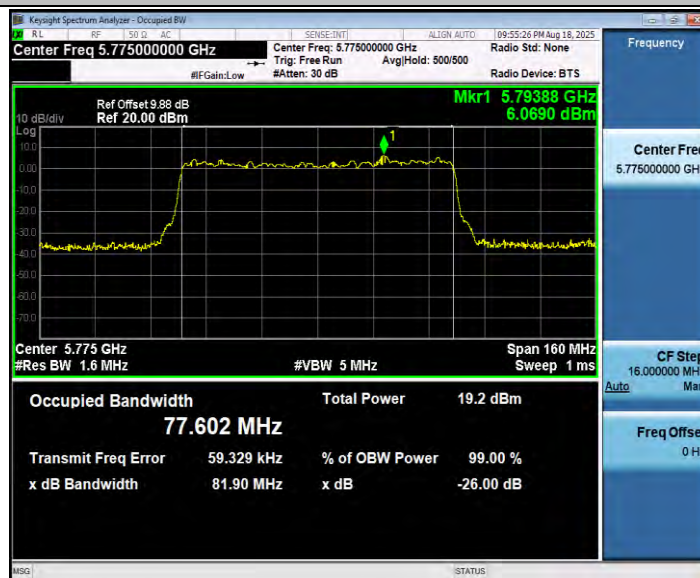
11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775



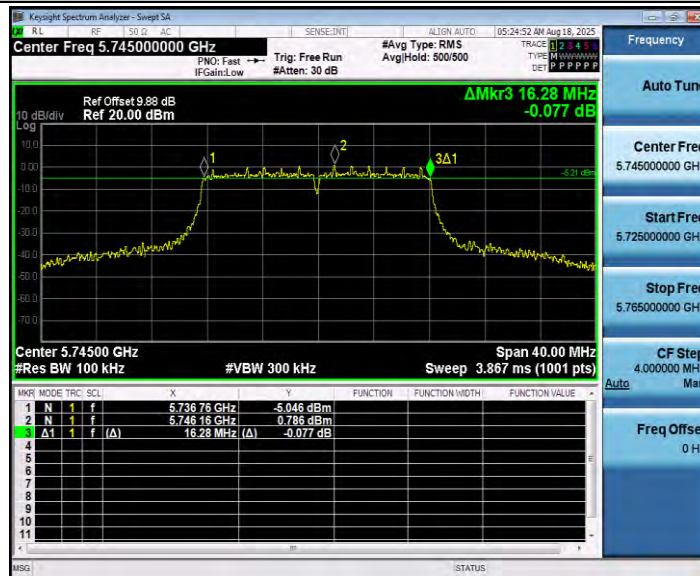
Appendix C.2: Min emission bandwidth

Test Result B4

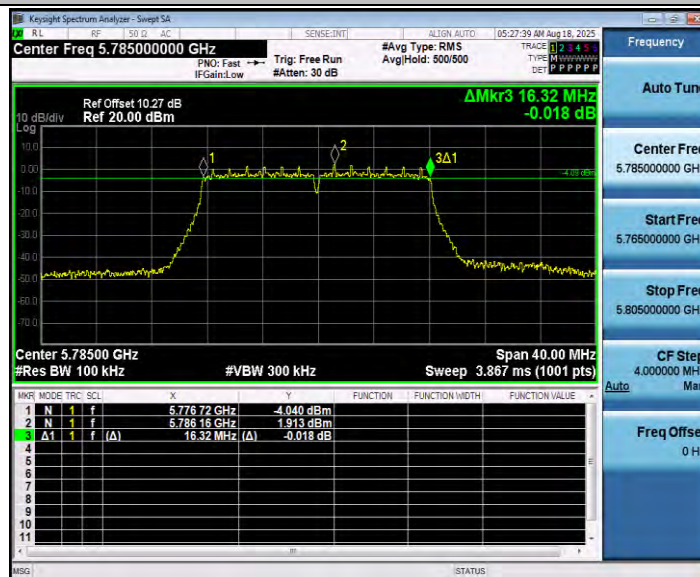
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.280	5736.760	5753.040	0.5	PASS
		5785	16.320	5776.720	5793.040	0.5	PASS
		5825	16.240	5816.760	5833.000	0.5	PASS
11N20SISO	Ant2	5745	16.920	5736.360	5753.280	0.5	PASS
		5785	17.280	5776.120	5793.400	0.5	PASS
		5825	17.040	5816.360	5833.400	0.5	PASS
11N40SISO	Ant2	5755	35.600	5737.160	5772.760	0.5	PASS
		5795	35.280	5777.160	5812.440	0.5	PASS
11AC20SISO	Ant2	5745	16.960	5736.440	5753.400	0.5	PASS
		5785	17.040	5776.360	5793.400	0.5	PASS
		5825	17.280	5816.360	5833.640	0.5	PASS
11AC40SISO	Ant2	5755	35.680	5737.080	5772.760	0.5	PASS
		5795	35.680	5777.000	5812.680	0.5	PASS
11AC80SISO	Ant2	5775	76.160	5736.920	5813.080	0.5	PASS
11AX20SISO	Ant2	5745	18.120	5735.520	5753.640	0.5	PASS
		5785	18.080	5775.520	5793.600	0.5	PASS
		5825	18.120	5815.680	5833.800	0.5	PASS
11AX40SISO	Ant2	5755	37.520	5736.360	5773.880	0.5	PASS
		5795	37.520	5776.360	5813.880	0.5	PASS
11AX80SISO	Ant2	5775	77.440	5736.120	5813.560	0.5	PASS

Test Graphs B4

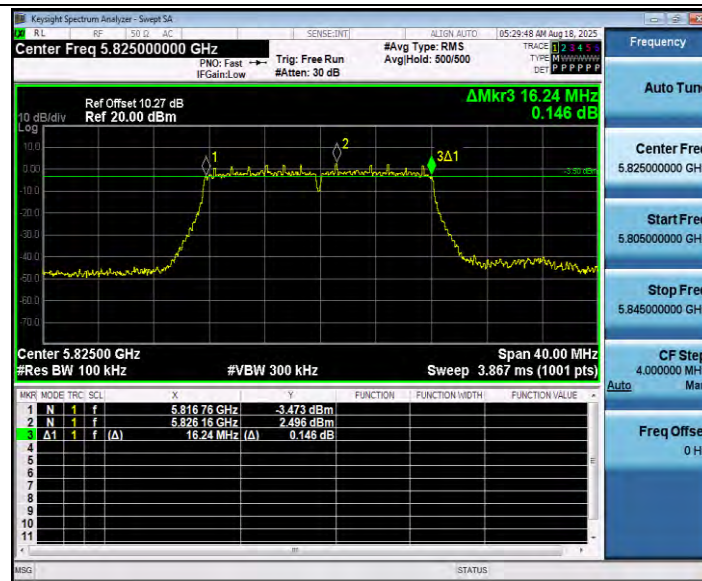
11A_Ant2_5745



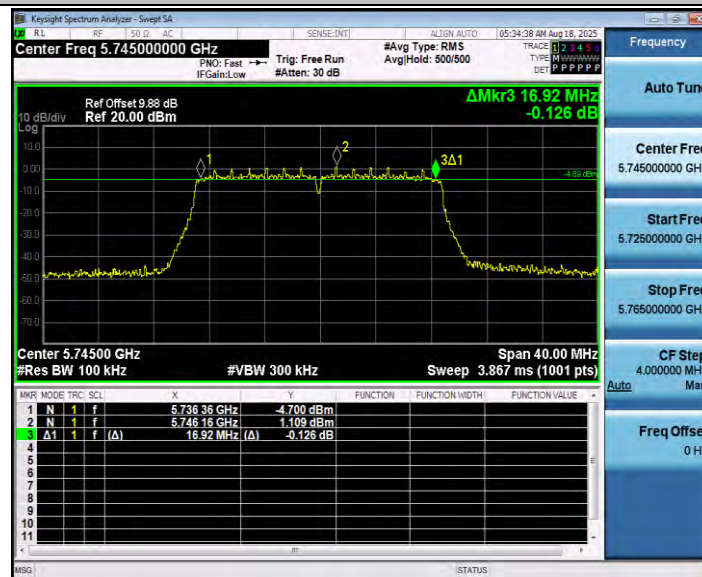
11A_Ant2_5785



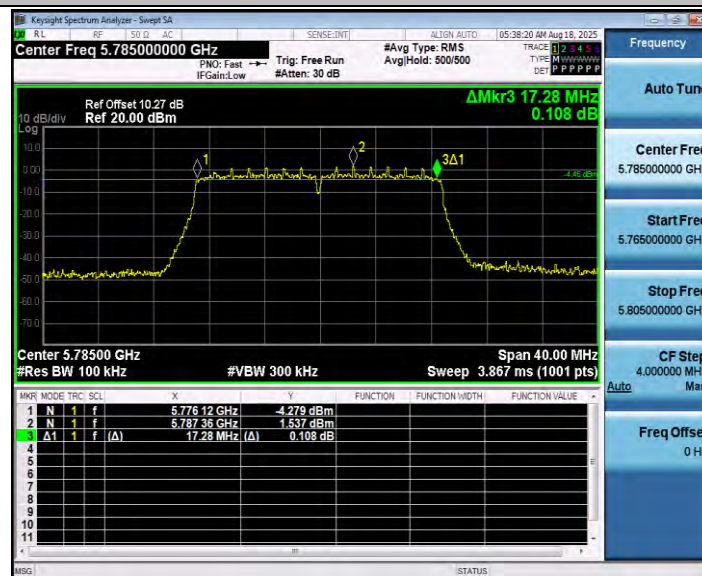
11A_Ant2_5825



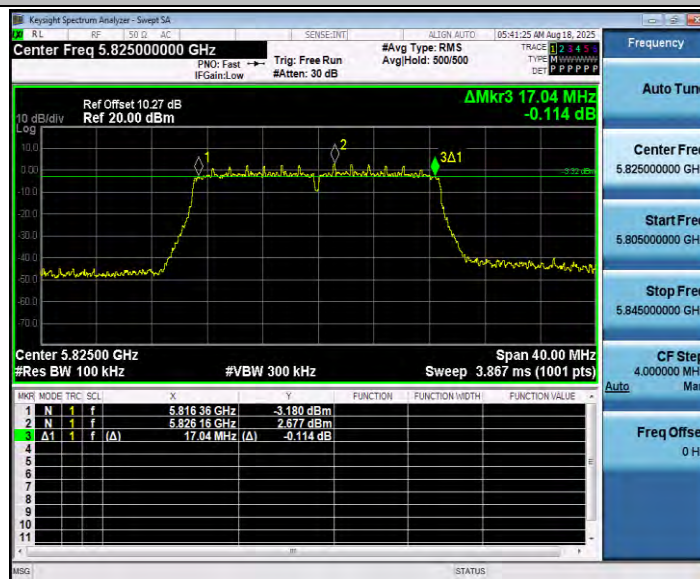
11N20SISO_Ant2_5745



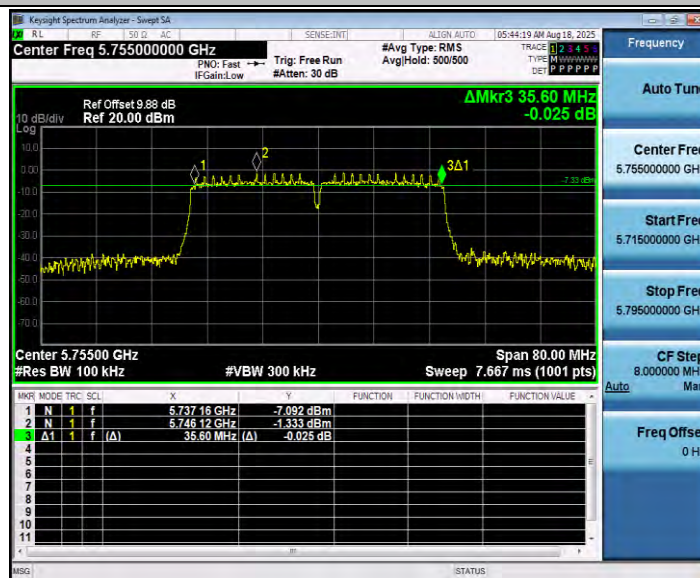
11N20SISO_Ant2_5785



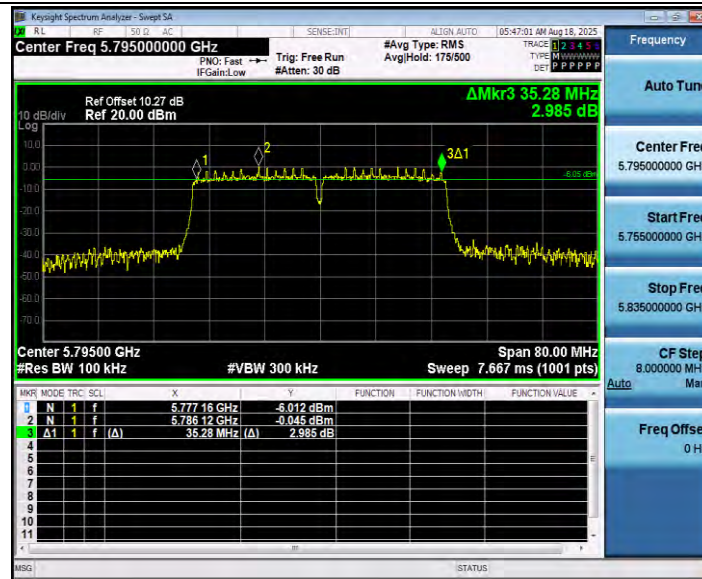
11N20SISO_Ant2_5825



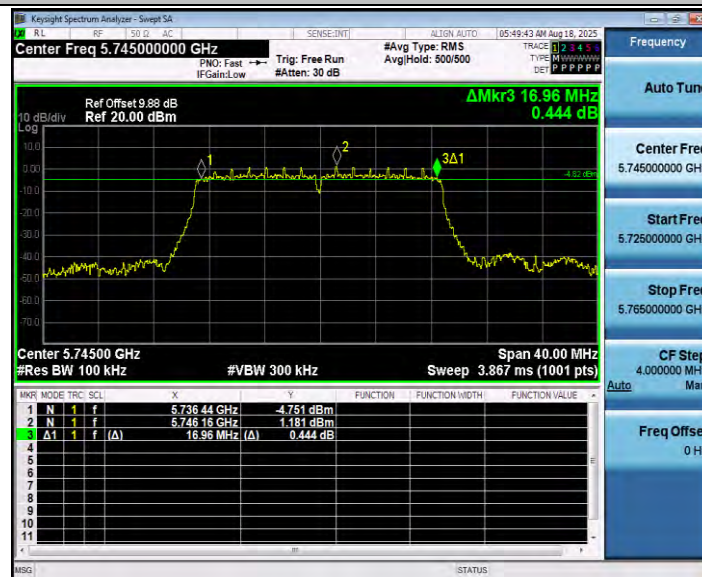
11N40SISO_Ant2_5755



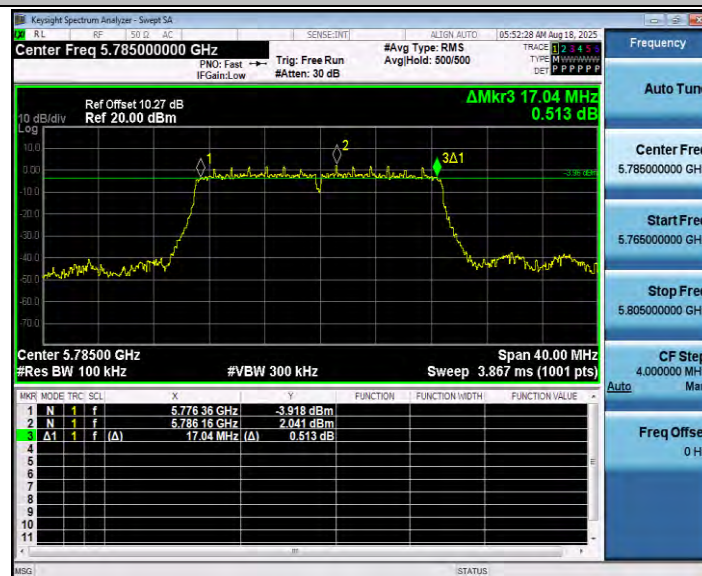
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



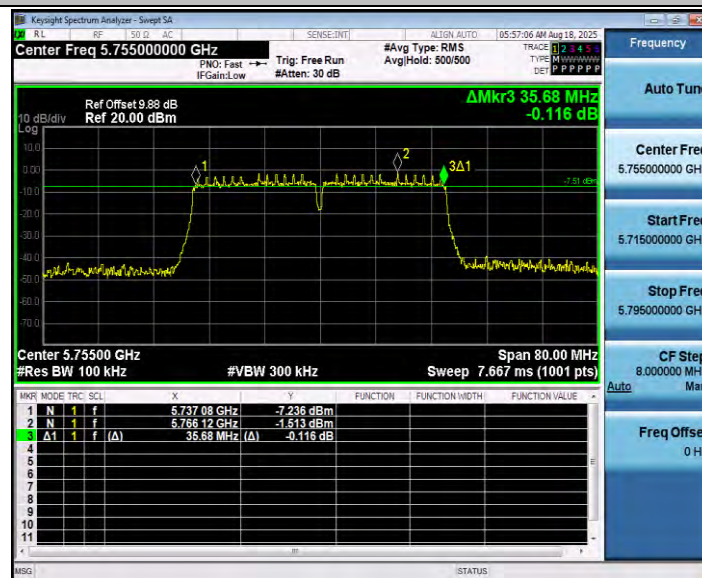
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



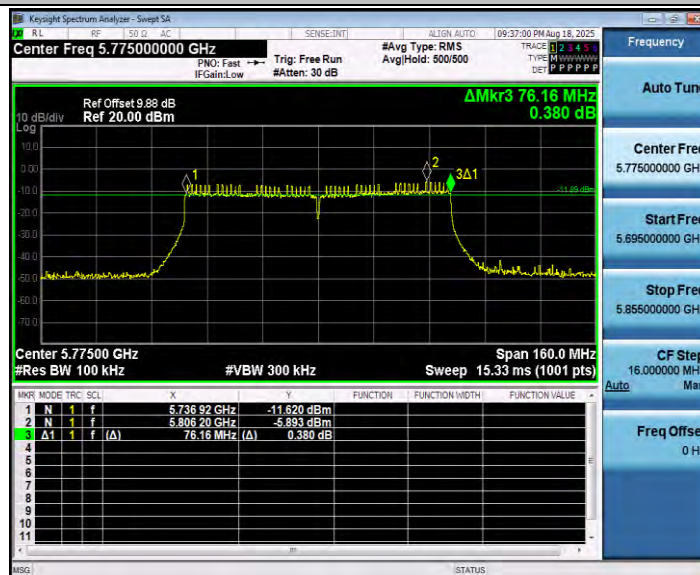
11AC40SISO_Ant2_5755



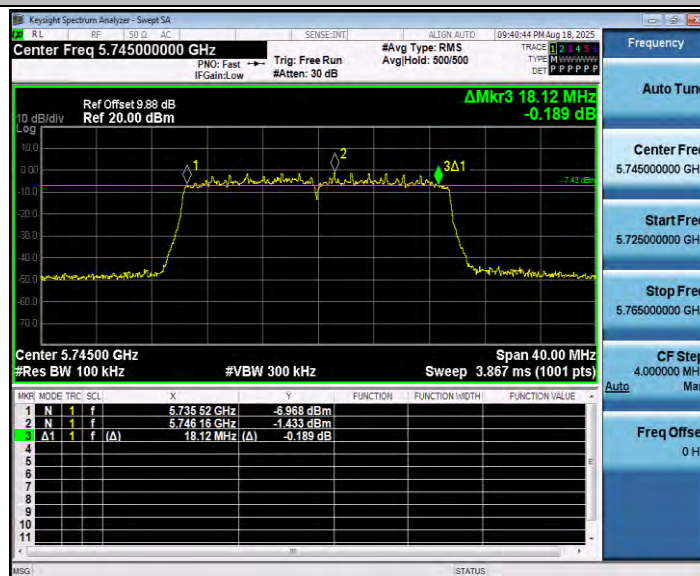
11AC40SISO_Ant2_5795



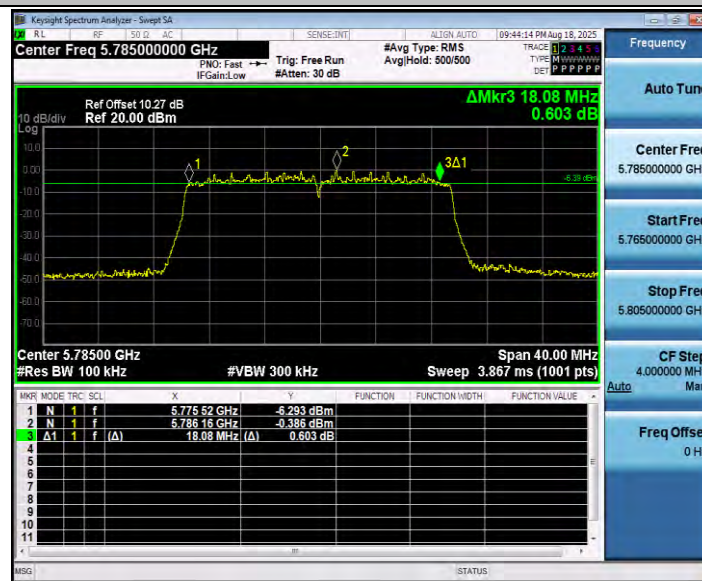
11AC80SISO_Ant2_5775



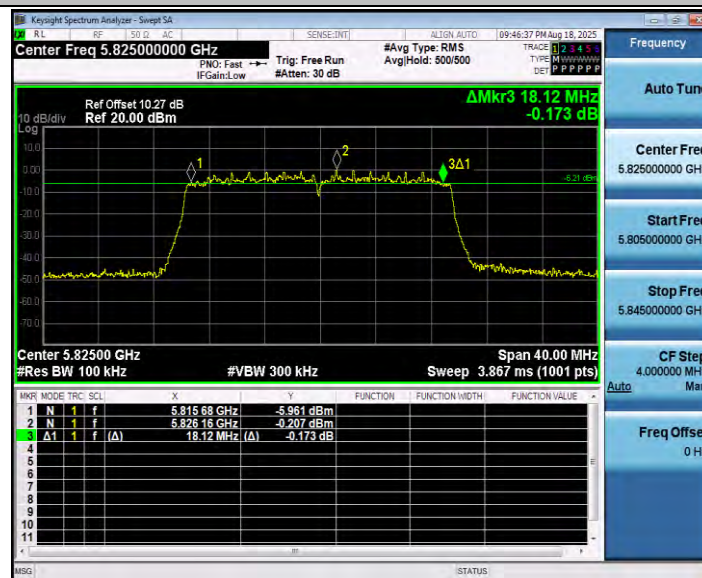
11AX20SISO_Ant2_5745



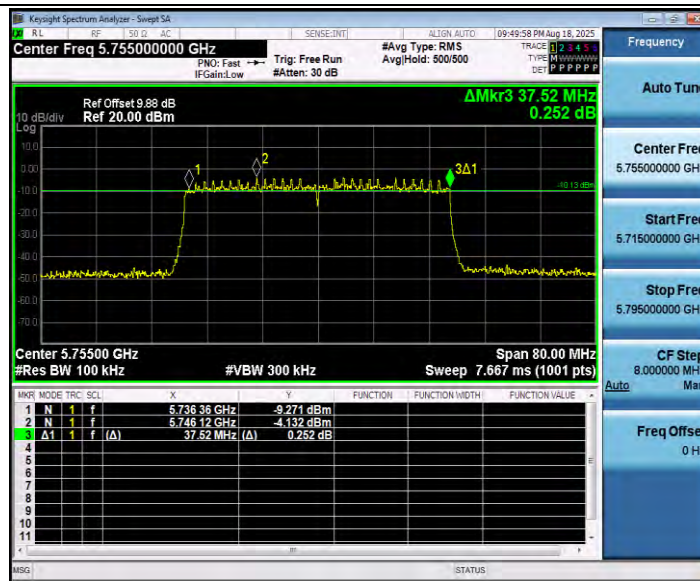
11AX20SISO_Ant2_5785



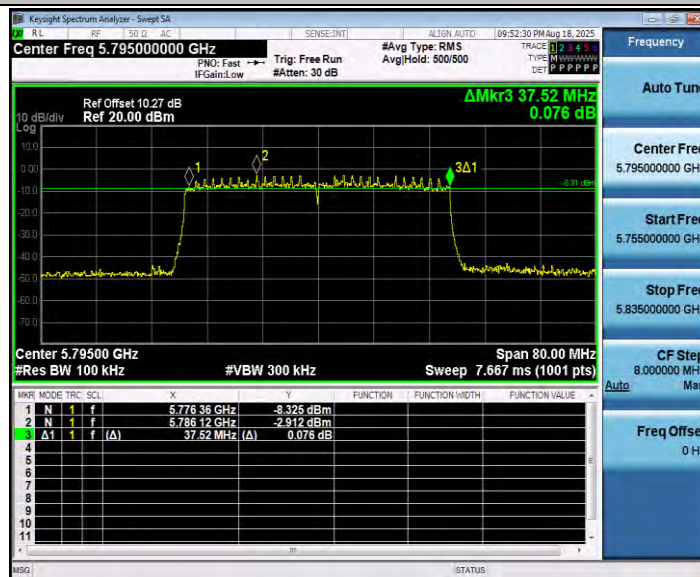
11AX20SISO_Ant2_5825



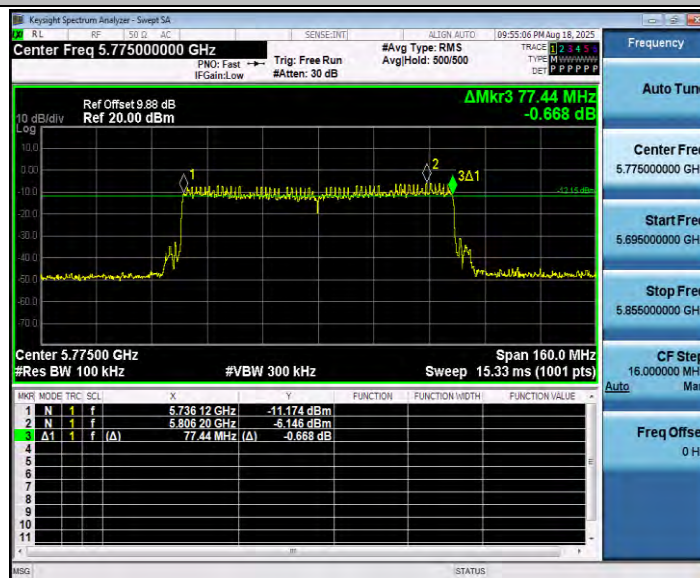
11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775

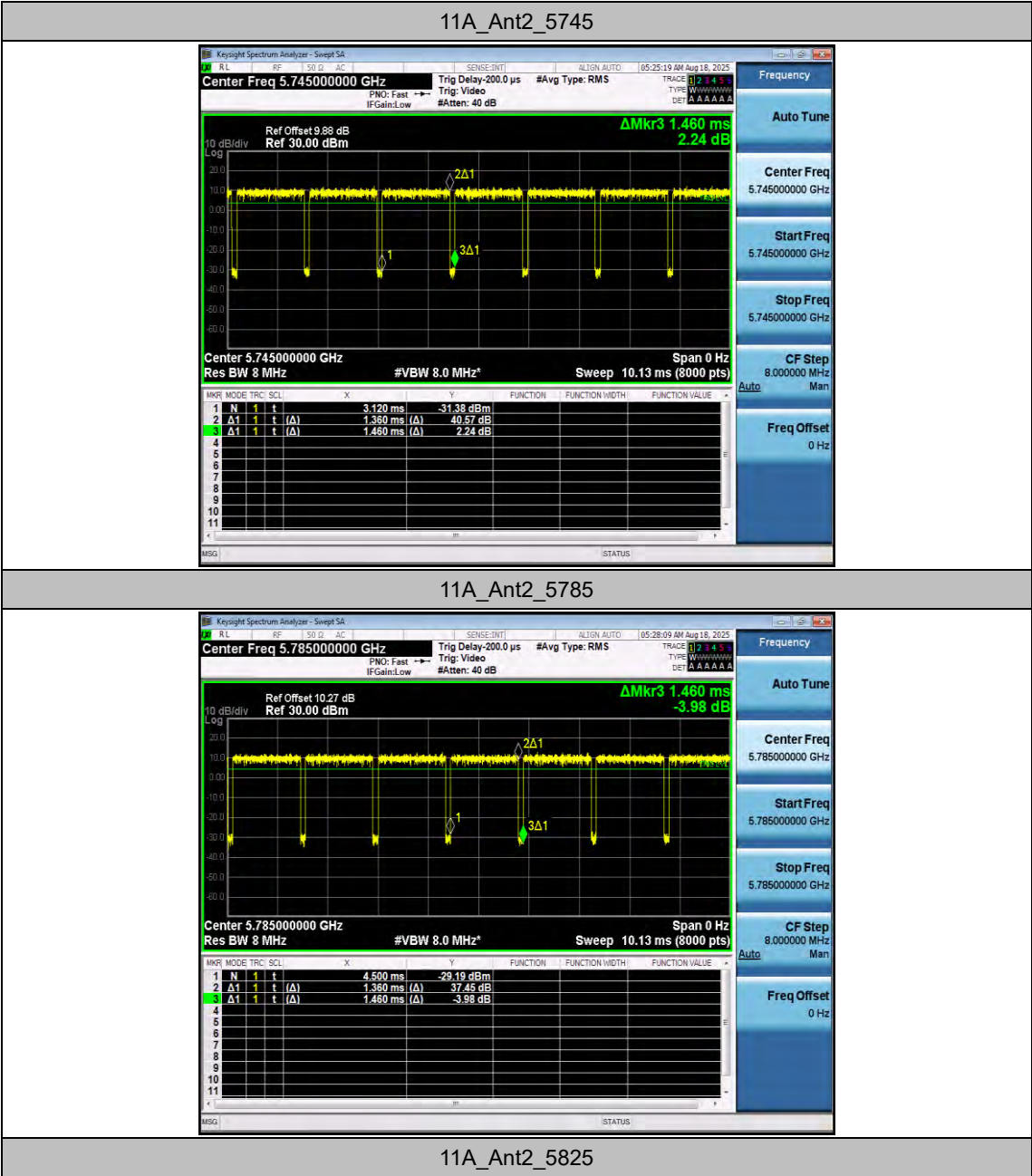


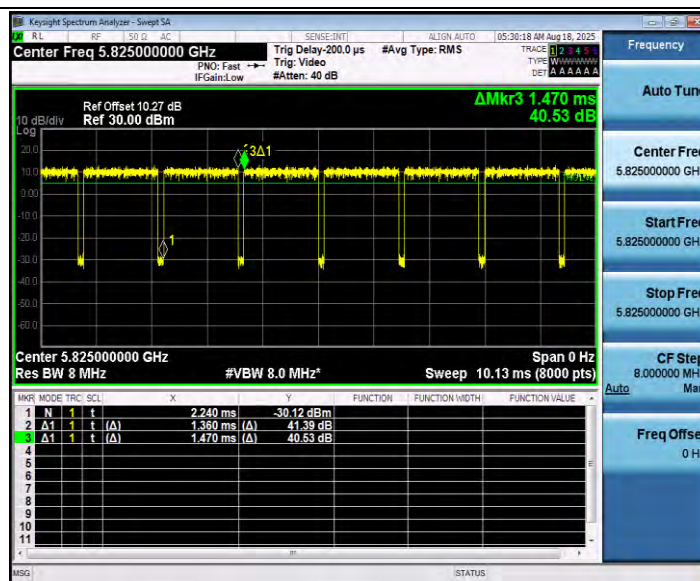
AppendixC.3: Duty Cycle

Test Result

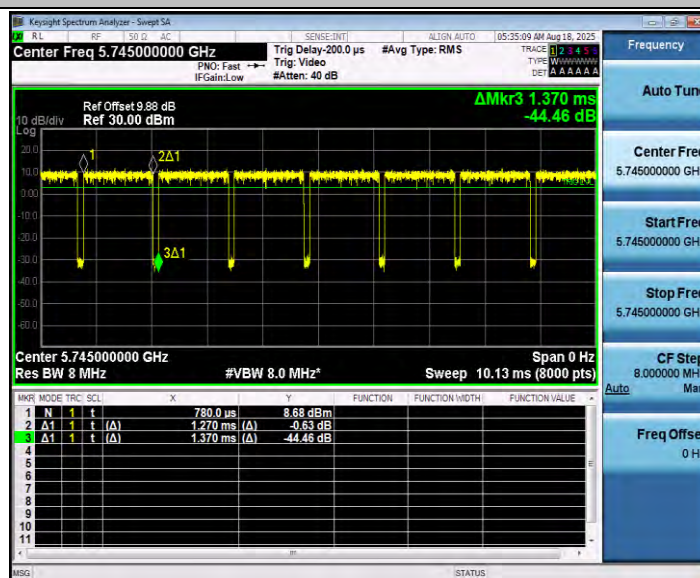
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	1.36	1.46	93.15	0.31	0.74
		5785	1.36	1.46	93.15	0.31	0.74
		5825	1.36	1.47	92.52	0.34	0.74
11N20SISO	Ant2	5745	1.27	1.37	92.70	0.33	0.79
		5785	1.27	1.37	92.70	0.33	0.79
		5825	1.27	1.38	92.03	0.36	0.79
11N40SISO	Ant2	5755	0.63	0.73	86.30	0.64	1.59
		5795	0.63	0.73	86.30	0.64	1.59
11AC20SISO	Ant2	5745	1.27	1.37	92.70	0.33	0.79
		5785	1.28	1.38	92.75	0.33	0.78
		5825	1.28	1.38	92.75	0.33	0.78
11AC40SISO	Ant2	5755	0.64	0.74	86.49	0.63	1.56
		5795	0.63	0.74	85.14	0.70	1.59
11AC80SISO	Ant2	5775	0.32	0.42	76.19	1.18	3.13
11AX20SISO	Ant2	5745	0.98	1.09	89.91	0.46	1.02
		5785	0.98	1.08	90.74	0.42	1.02
		5825	0.99	1.09	90.83	0.42	1.01
11AX40SISO	Ant2	5755	0.52	0.62	83.87	0.76	1.92
		5795	0.52	0.62	83.87	0.76	1.92
11AX80SISO	Ant2	5775	0.28	0.38	73.68	1.33	3.57

Test Graphs

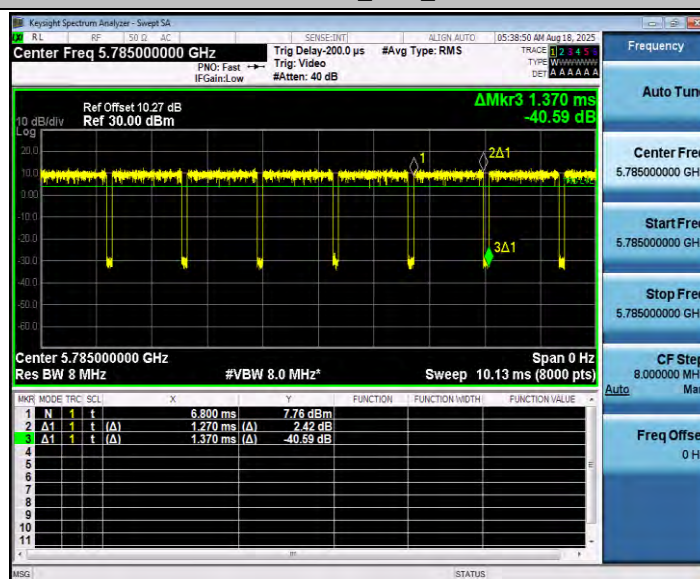




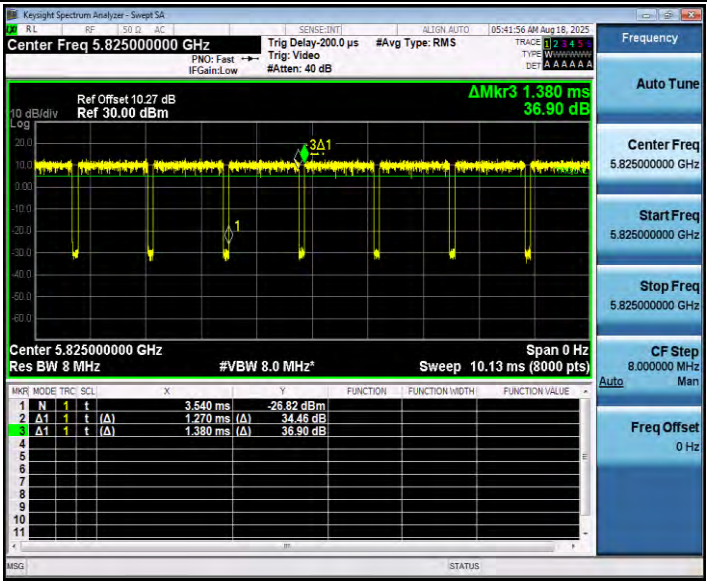
11N20SISO_Ant2_5745



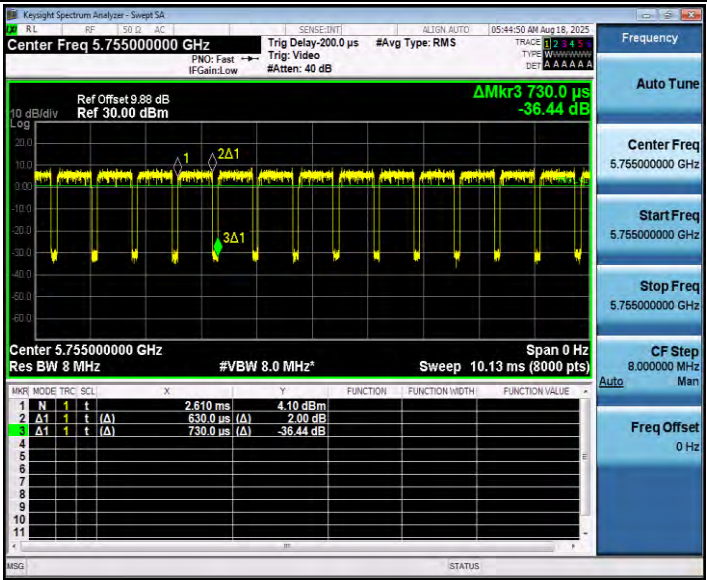
11N20SISO_Ant2_5785



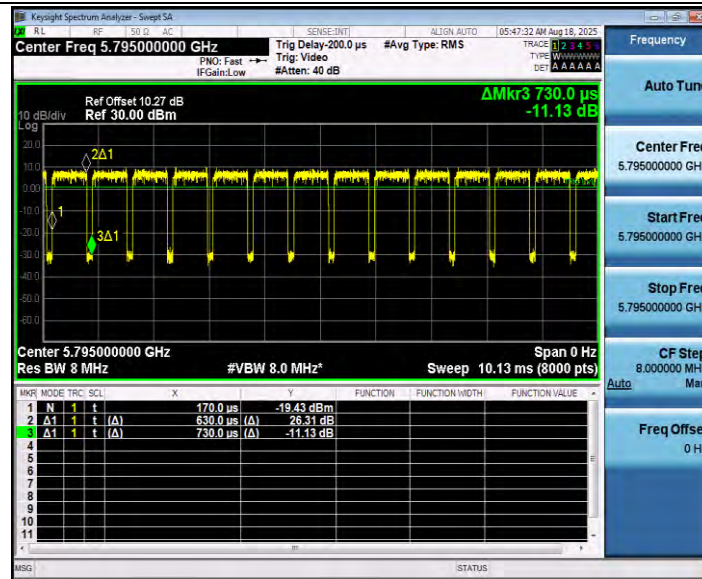
11N20SISO_Ant2_5825



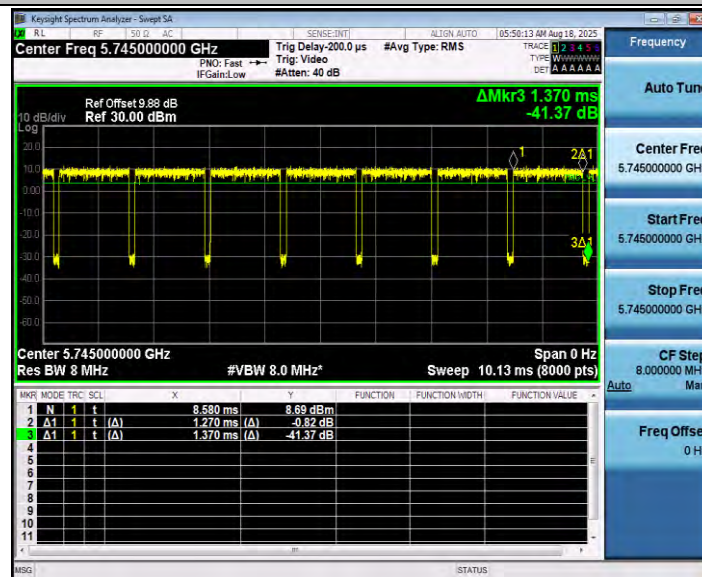
11N40SISO_Ant2_5755



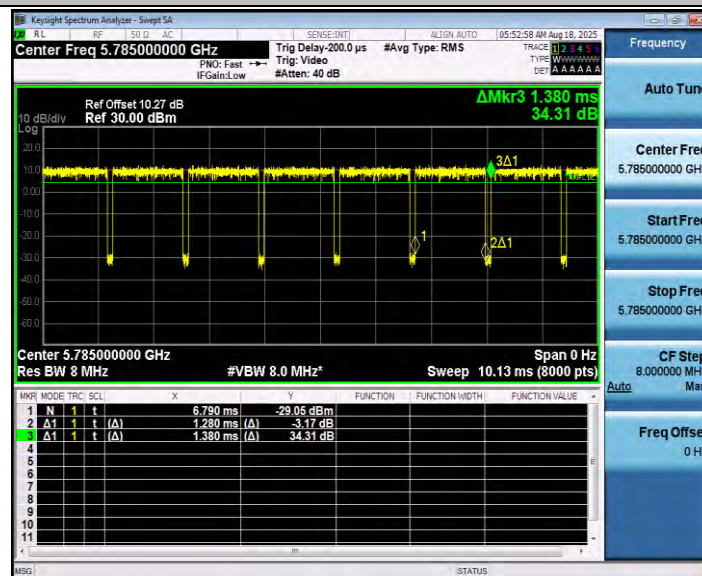
11N40SISO_Ant2_5795

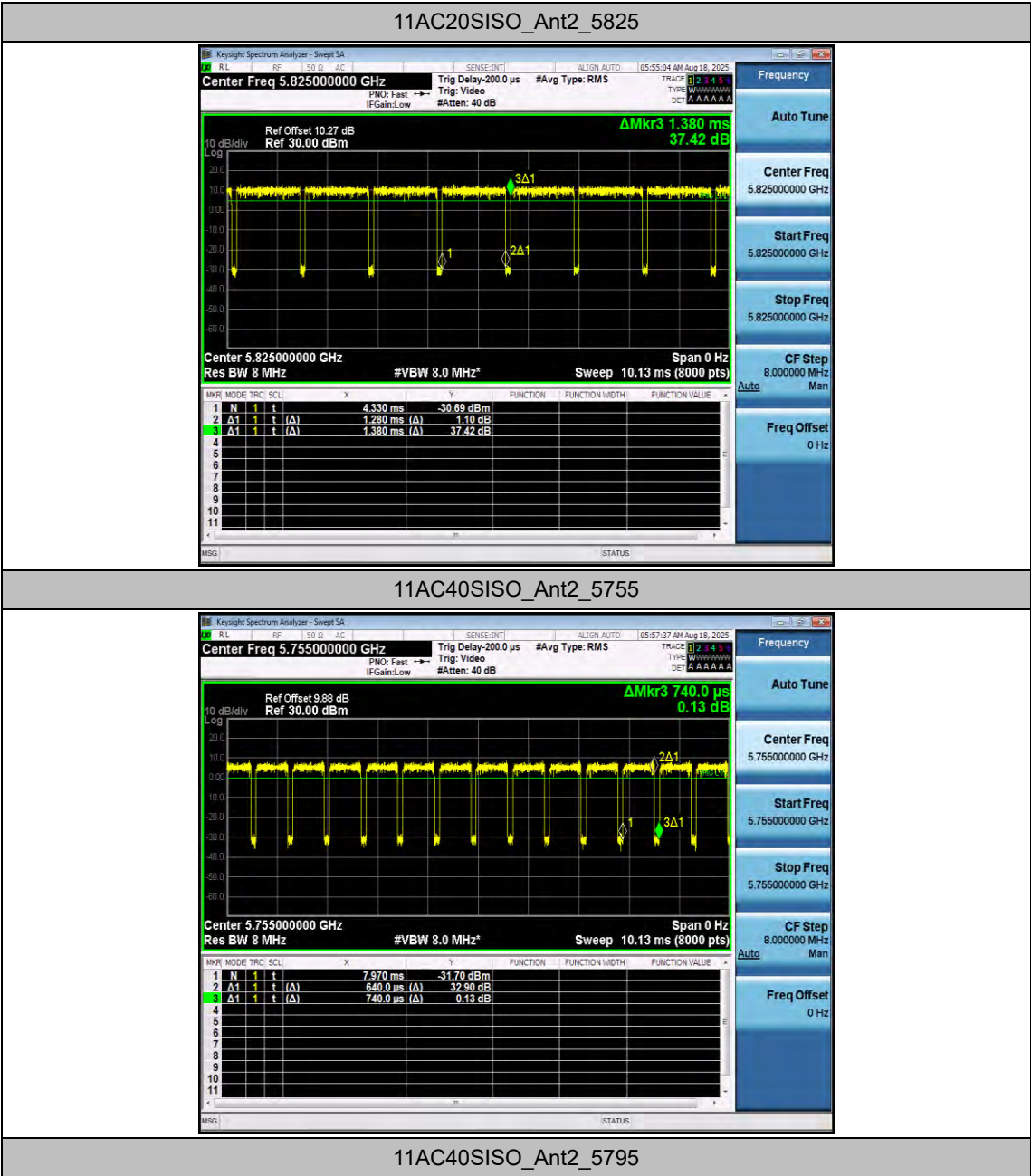


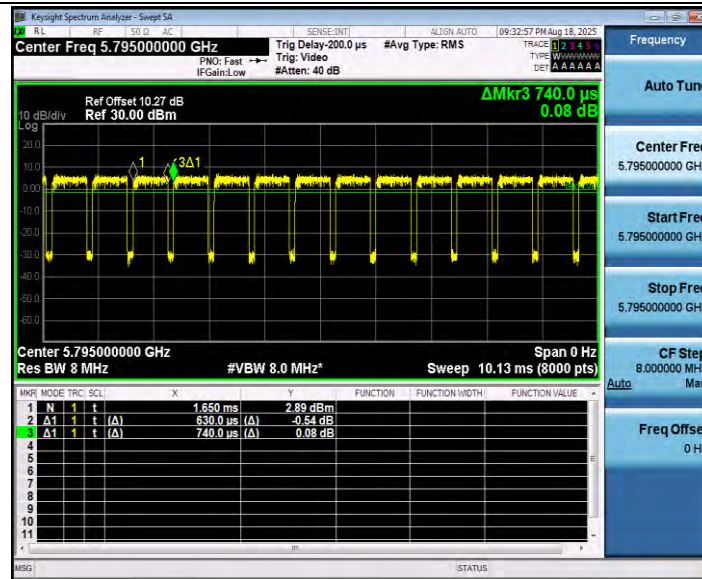
11AC20SISO_Ant2_5745



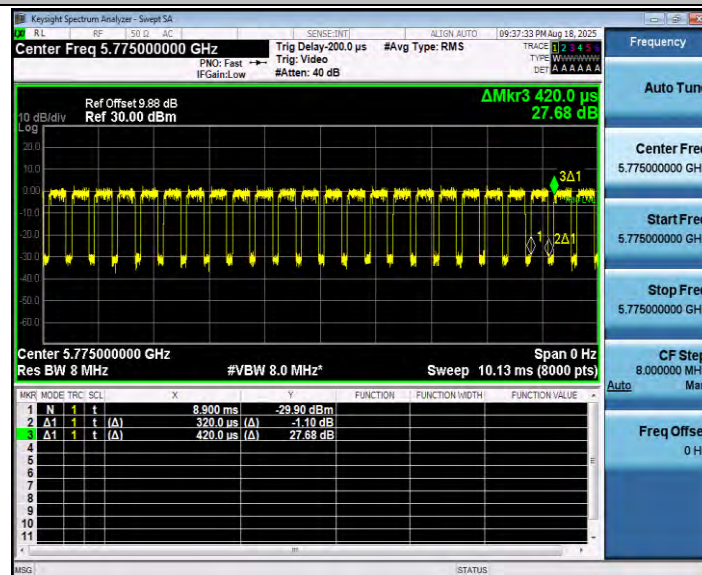
11AC20SISO_Ant2_5785



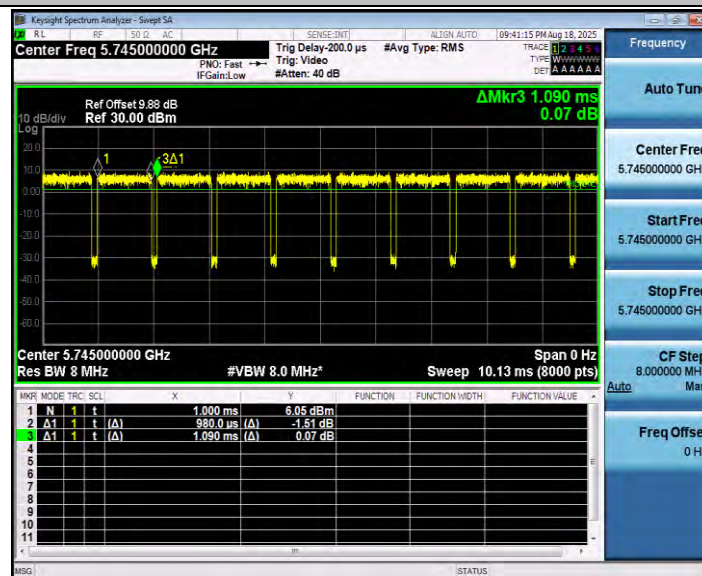


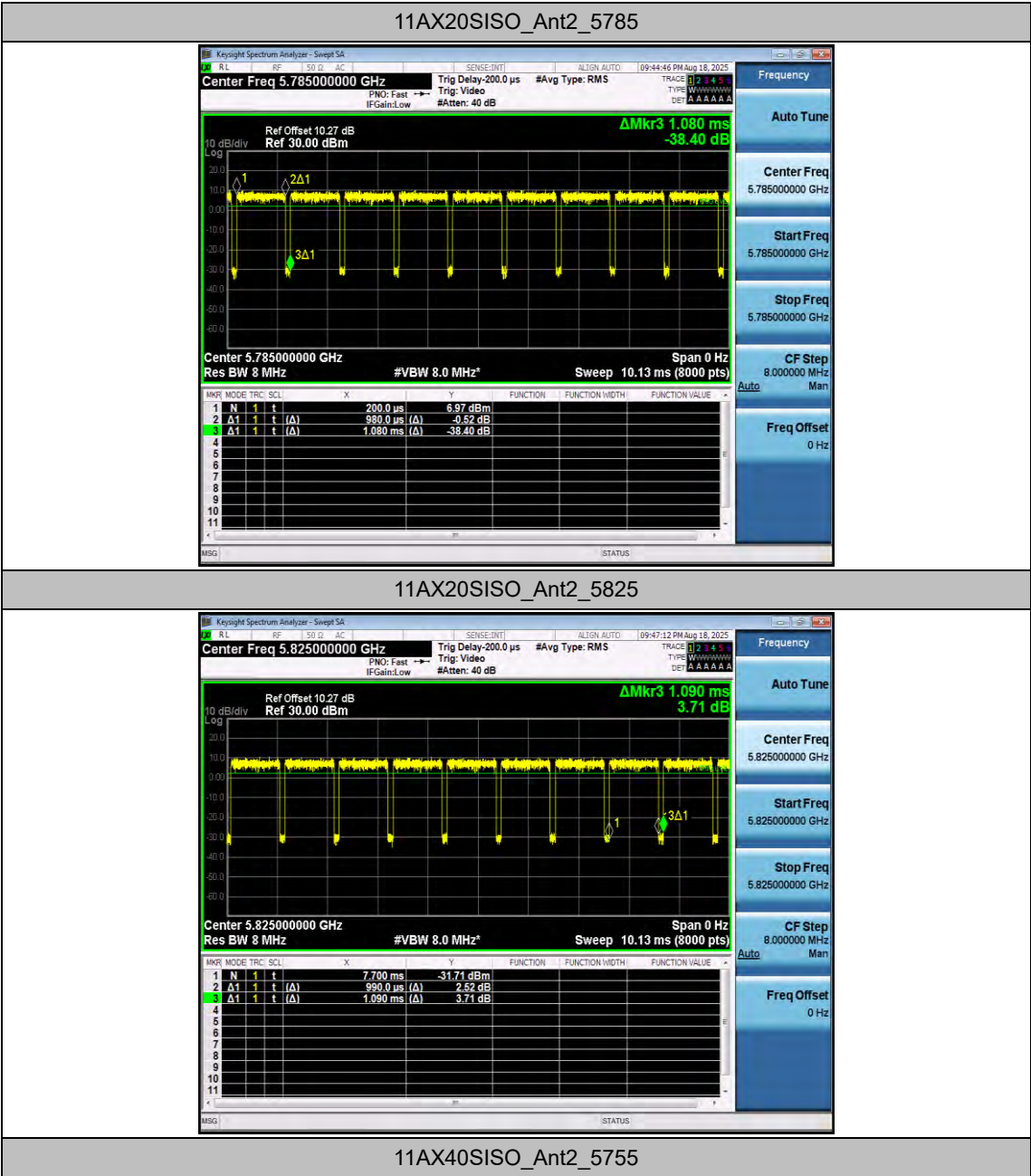


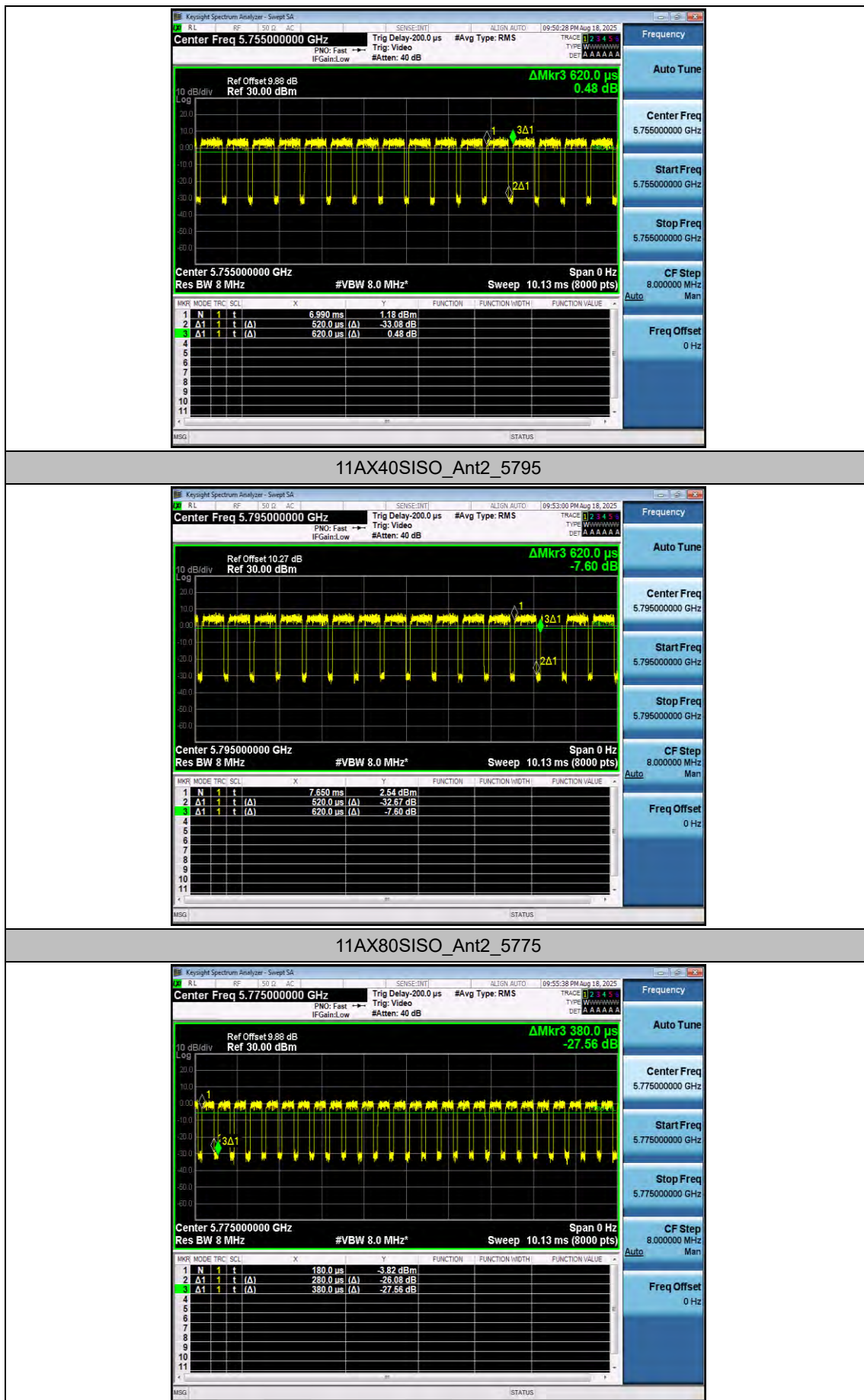
11AC80SISO_Ant2_5775



11AX20SISO_Ant2_5745







Appendix C.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	11.84	93.15	0.31	12.15	≤30.00	PASS
		5785	12.53	93.15	0.31	12.84	≤30.00	PASS
		5825	13.06	92.52	0.34	13.40	≤30.00	PASS
11N20SISO	Ant2	5745	11.70	92.70	0.33	12.03	≤30.00	PASS
		5785	12.42	92.70	0.33	12.75	≤30.00	PASS
		5825	13.27	92.03	0.36	13.63	≤30.00	PASS
11N40SISO	Ant2	5755	11.77	86.30	0.64	12.41	≤30.00	PASS
		5795	12.66	86.30	0.64	13.30	≤30.00	PASS
11AC20SISO	Ant2	5745	11.79	92.70	0.33	12.12	≤30.00	PASS
		5785	12.53	92.75	0.33	12.86	≤30.00	PASS
		5825	13.04	92.75	0.33	13.37	≤30.00	PASS
11AC40SISO	Ant2	5755	11.62	86.49	0.63	12.25	≤30.00	PASS
		5795	10.39	85.14	0.70	11.09	≤30.00	PASS
11AC80SISO	Ant2	5775	9.22	76.19	1.18	10.40	≤30.00	PASS
11AX20SISO	Ant2	5745	9.35	89.91	0.46	9.81	≤30.00	PASS
		5785	10.30	90.74	0.42	10.72	≤30.00	PASS
		5825	10.51	90.83	0.42	10.93	≤30.00	PASS
11AX40SISO	Ant2	5755	9.23	83.87	0.76	9.99	≤30.00	PASS
		5795	10.20	83.87	0.76	10.96	≤30.00	PASS
11AX80SISO	Ant2	5775	9.24	73.68	1.33	10.57	≤30.00	PASS

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-2.12	≤30.00	PASS
		5785	-1.31	≤30.00	PASS
		5825	-0.72	≤30.00	PASS
11N20SISO	Ant2	5745	-2.38	≤30.00	PASS
		5785	-1.54	≤30.00	PASS
		5825	-0.93	≤30.00	PASS
11N40SISO	Ant2	5755	-4.97	≤30.00	PASS
		5795	-4.02	≤30.00	PASS
11AC20SISO	Ant2	5745	-2.43	≤30.00	PASS
		5785	-1.58	≤30.00	PASS
		5825	-1.01	≤30.00	PASS
11AC40SISO	Ant2	5755	-5.25	≤30.00	PASS
		5795	-6.29	≤30.00	PASS
11AC80SISO	Ant2	5775	-9.38	≤30.00	PASS
11AX20SISO	Ant2	5745	-4.91	≤30.00	PASS
		5785	-4.06	≤30.00	PASS
		5825	-3.75	≤30.00	PASS
11AX40SISO	Ant2	5755	-7.57	≤30.00	PASS
		5795	-6.60	≤30.00	PASS
11AX80SISO	Ant2	5775	-9.03	≤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_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



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



11AC80SISO_Ant2_5775



11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775

