

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

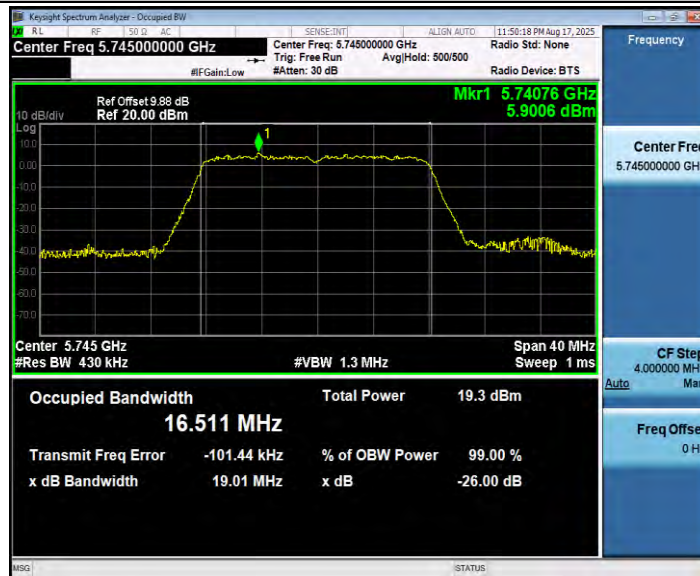
Appendix C.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.511	5736.6431	5753.1541	---	---
		5785	16.496	5776.6442	5793.1402	---	---
		5825	16.503	5816.6542	5833.1572	---	---
11N20SISO	Ant1	5745	17.595	5736.0769	5753.6719	---	---
		5785	17.589	5776.0815	5793.6705	---	---
		5825	17.584	5816.0876	5833.6716	---	---
11N40SISO	Ant1	5755	36.227	5736.8138	5773.0408	---	---
		5795	36.244	5776.8167	5813.0607	---	---
11AC20SISO	Ant1	5745	17.608	5736.0833	5753.6913	---	---
		5785	17.611	5776.0786	5793.6896	---	---
		5825	17.610	5816.0877	5833.6977	---	---
11AC40SISO	Ant1	5755	36.101	5736.8597	5772.9607	---	---
		5795	36.111	5776.8493	5812.9603	---	---
11AC80SISO	Ant1	5775	77.094	5736.4495	5813.5435	---	---
11AX20SISO	Ant1	5745	18.976	5735.3981	5754.3741	---	---
		5785	18.979	5775.3980	5794.3770	---	---
		5825	18.986	5815.4001	5834.3861	---	---
11AX40SISO	Ant1	5755	37.706	5736.0382	5773.7442	---	---
		5795	37.728	5776.0160	5813.7440	---	---
11AX80SISO	Ant1	5775	77.719	5736.1778	5813.8968	---	---

Test Graphs

11A_Ant1_5745



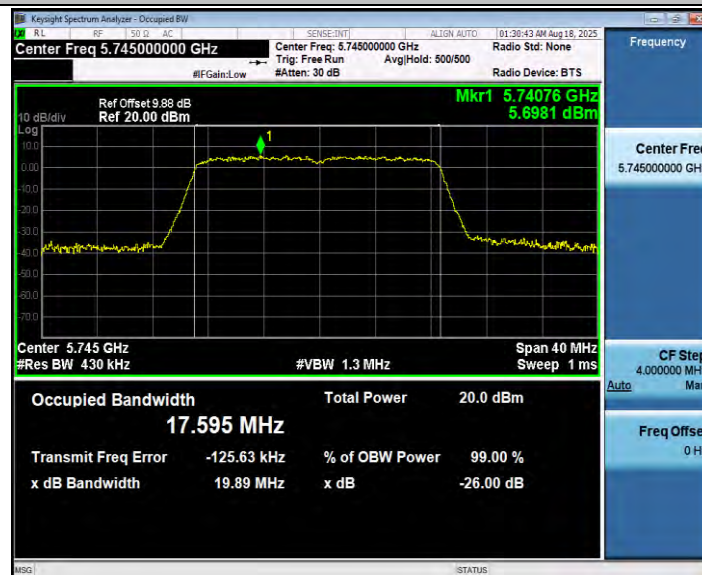
11A_Ant1_5785



11A_Ant1_5825



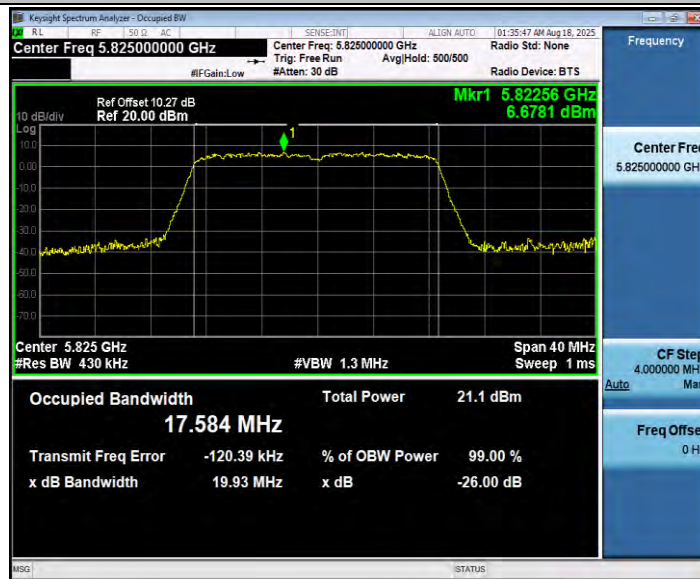
11N20SISO_Ant1_5745



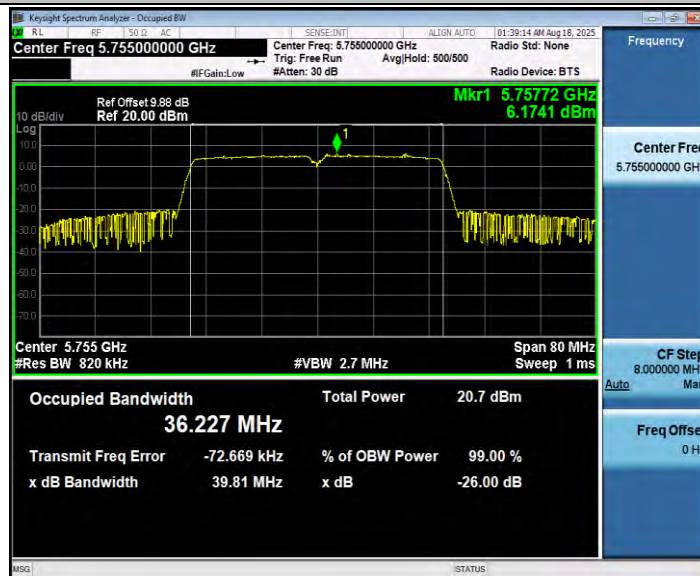
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



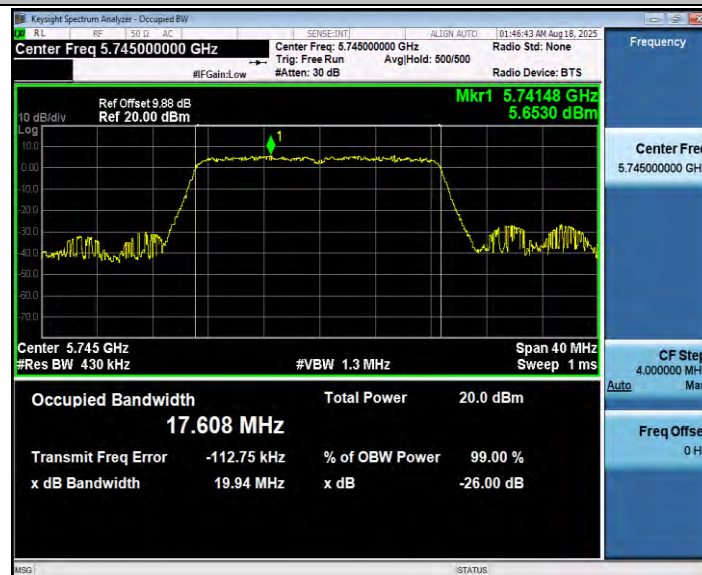
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



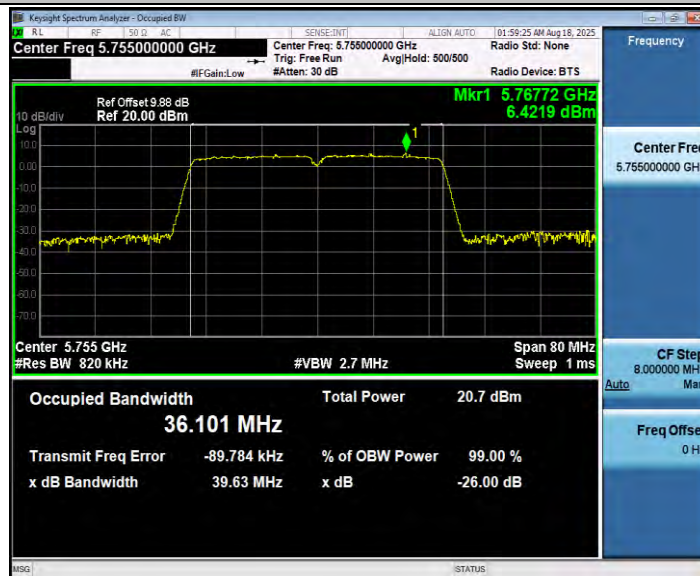
11AC20SISO_Ant1_5785



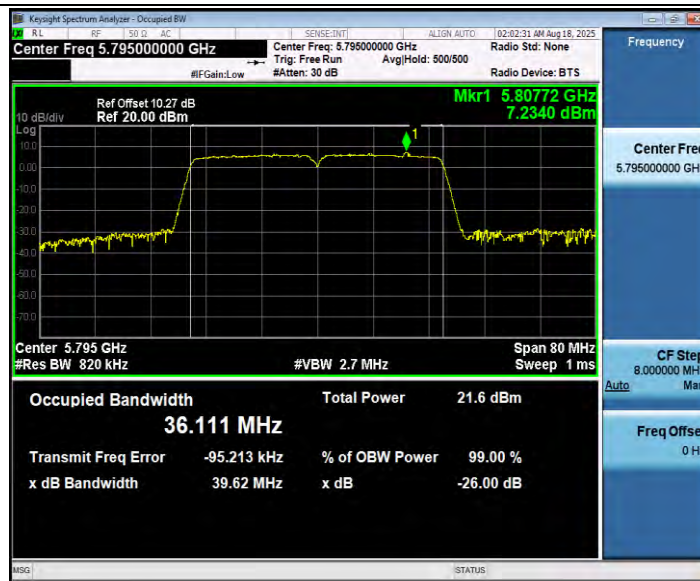
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



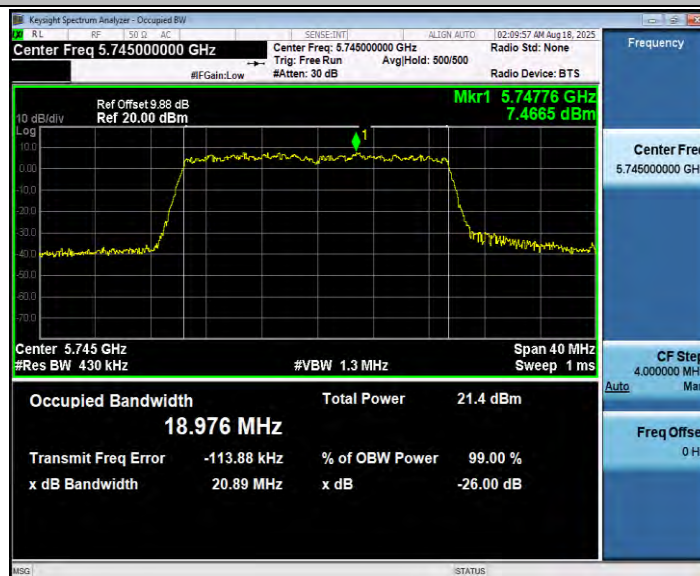
11AC40SISO_Ant1_5795



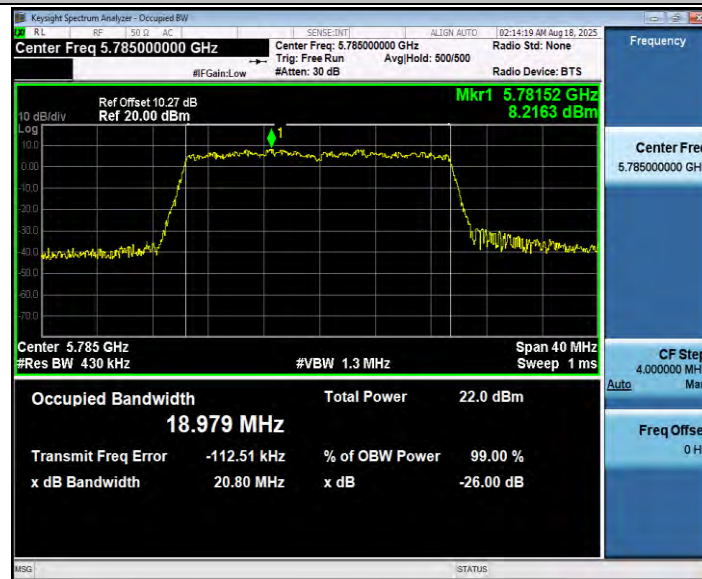
11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



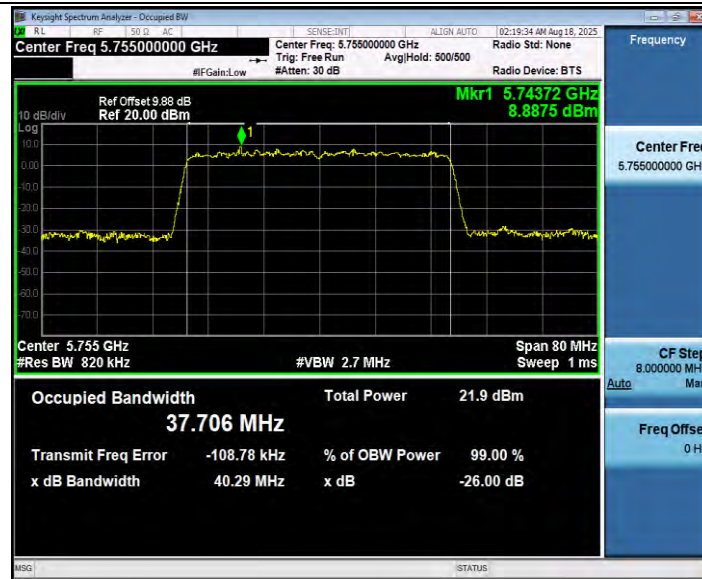
11AX20SISO_Ant1_5785



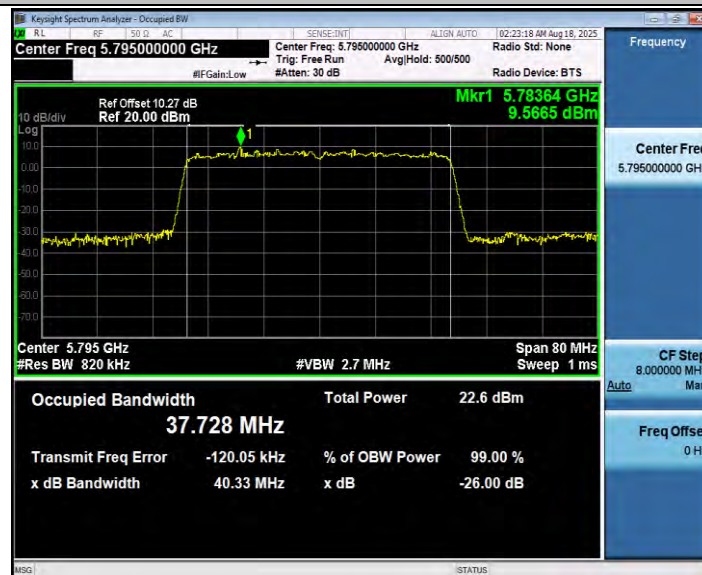
11AX20SISO_Ant1_5825



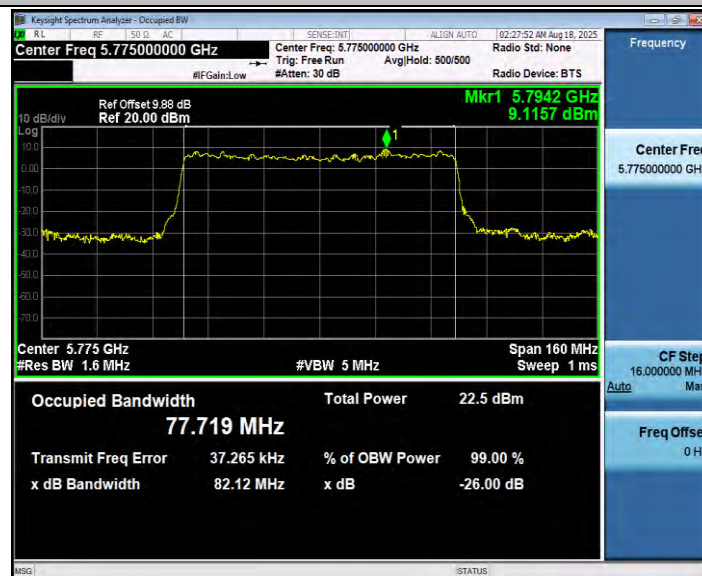
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



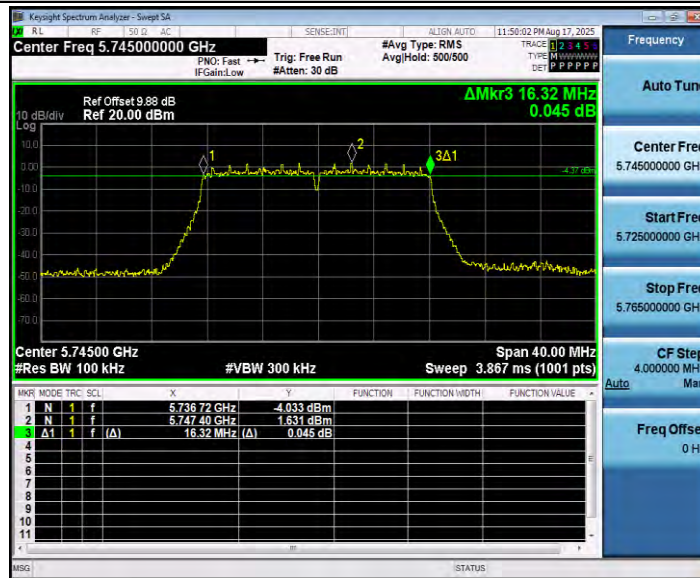
Appendix C.2: Min emission bandwidth

Test Result B4

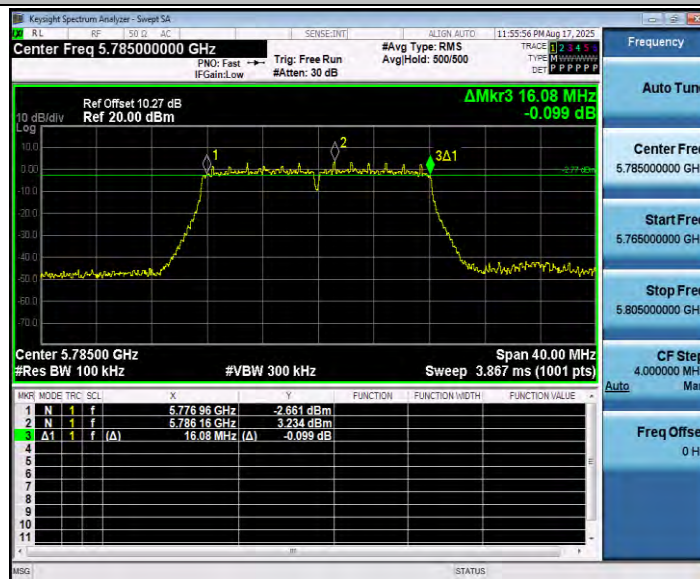
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.720	5753.040	0.5	PASS
		5785	16.080	5776.960	5793.040	0.5	PASS
		5825	16.080	5816.960	5833.040	0.5	PASS
11N20SISO	Ant1	5745	17.240	5736.120	5753.360	0.5	PASS
		5785	17.280	5776.120	5793.400	0.5	PASS
		5825	17.080	5816.320	5833.400	0.5	PASS
11N40SISO	Ant1	5755	35.600	5737.160	5772.760	0.5	PASS
		5795	35.600	5777.160	5812.760	0.5	PASS
11AC20SISO	Ant1	5745	17.040	5736.360	5753.400	0.5	PASS
		5785	16.920	5776.480	5793.400	0.5	PASS
		5825	17.280	5816.360	5833.640	0.5	PASS
11AC40SISO	Ant1	5755	35.600	5737.080	5772.680	0.5	PASS
		5795	35.680	5777.000	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	76.320	5736.760	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	18.040	5735.560	5753.600	0.5	PASS
		5785	18.120	5775.520	5793.640	0.5	PASS
		5825	18.000	5815.640	5833.640	0.5	PASS
11AX40SISO	Ant1	5755	37.520	5736.360	5773.880	0.5	PASS
		5795	37.520	5776.360	5813.880	0.5	PASS
11AX80SISO	Ant1	5775	77.440	5736.120	5813.560	0.5	PASS

Test Graphs B4

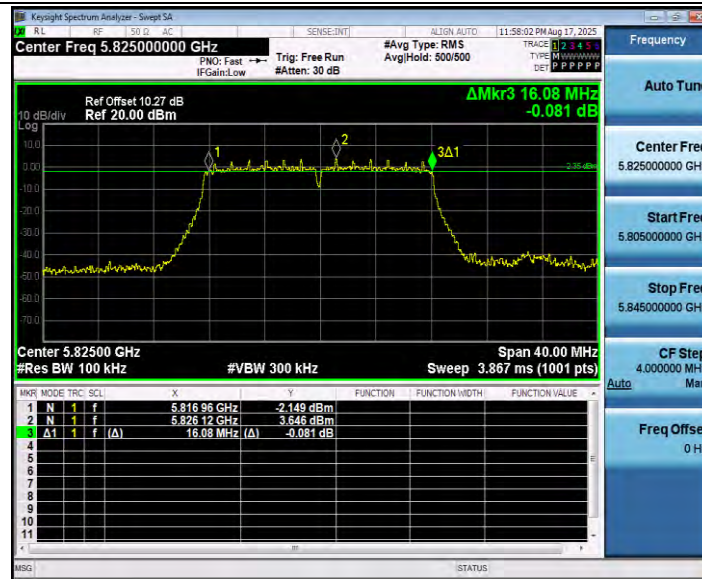
11A_Ant1_5745



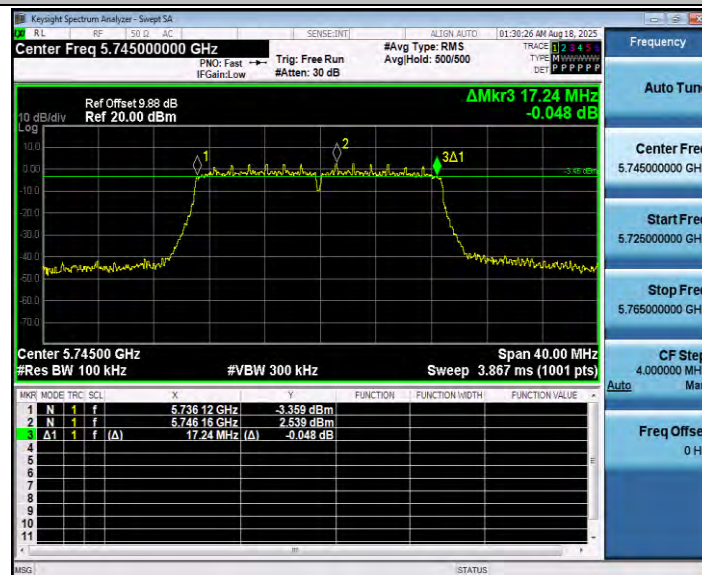
11A_Ant1_5785



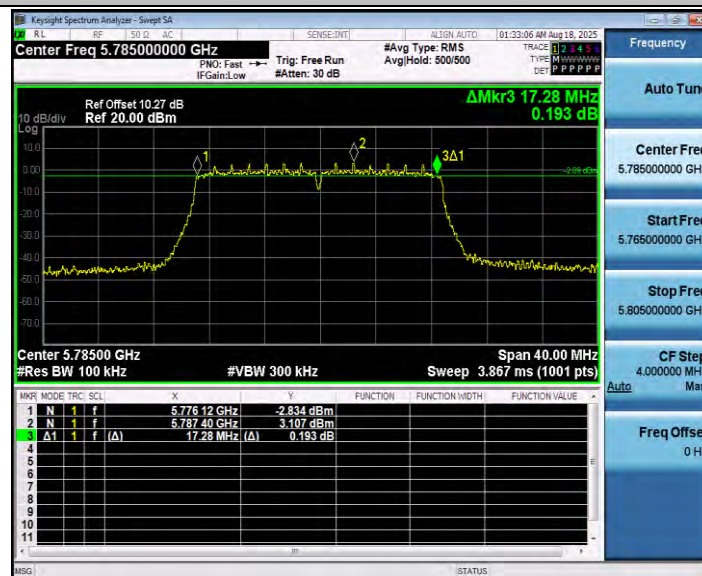
11A_Ant1_5825



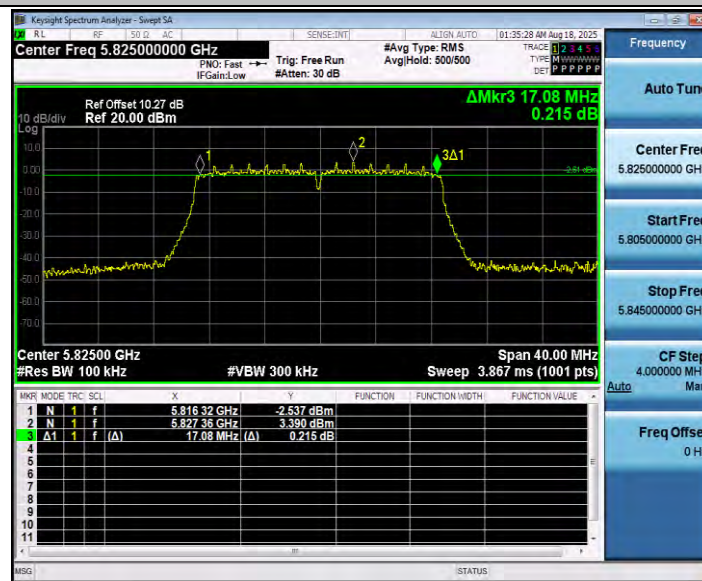
11N20SISO_Ant1_5745



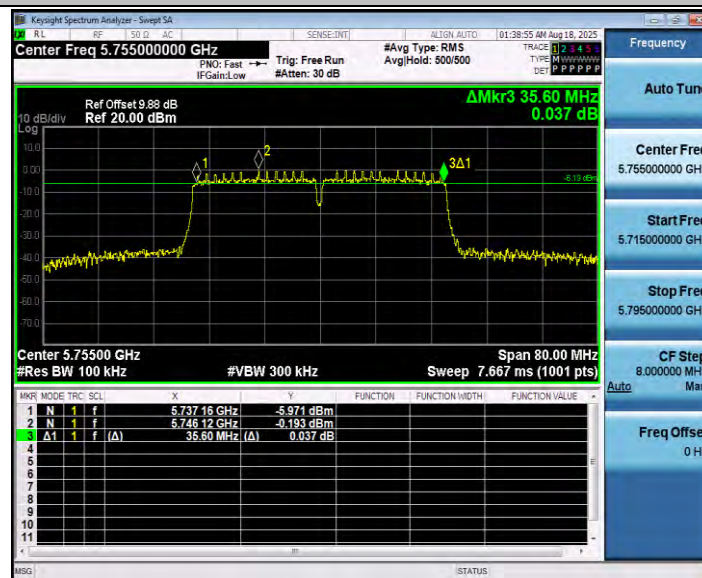
11N20SISO_Ant1_5785



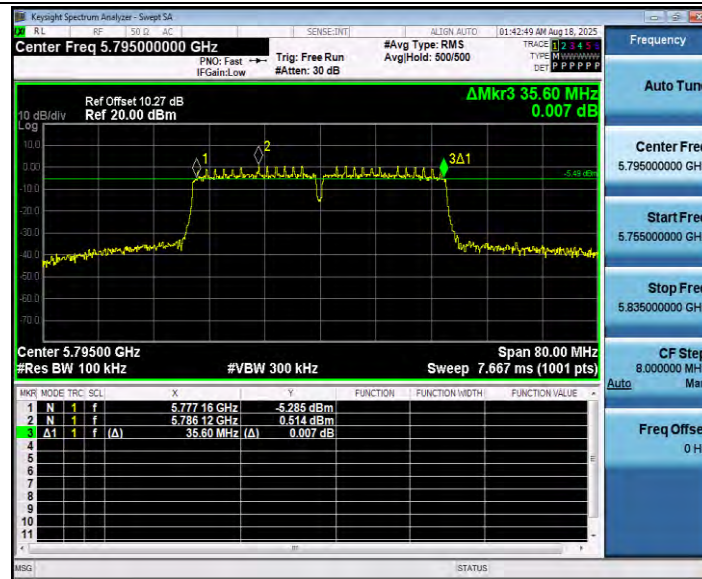
11N20SISO_Ant1_5825



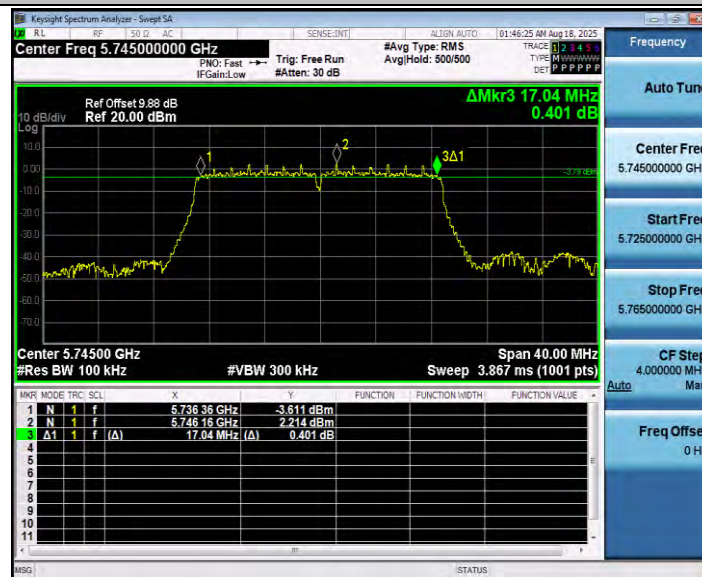
11N40SISO_Ant1_5755



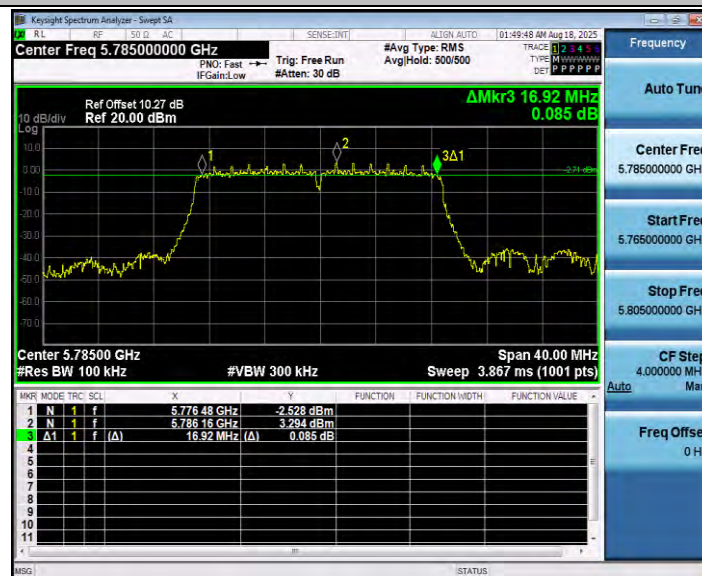
11N40SISO_Ant1_5795



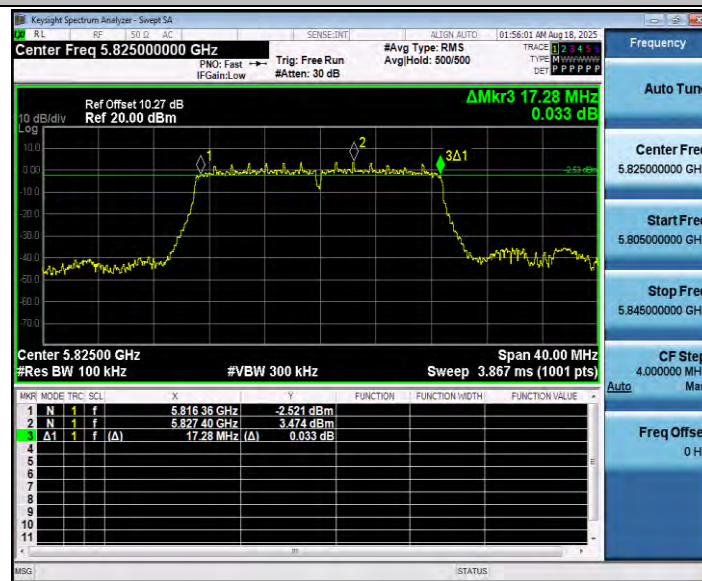
11AC20SISO_Ant1_5745



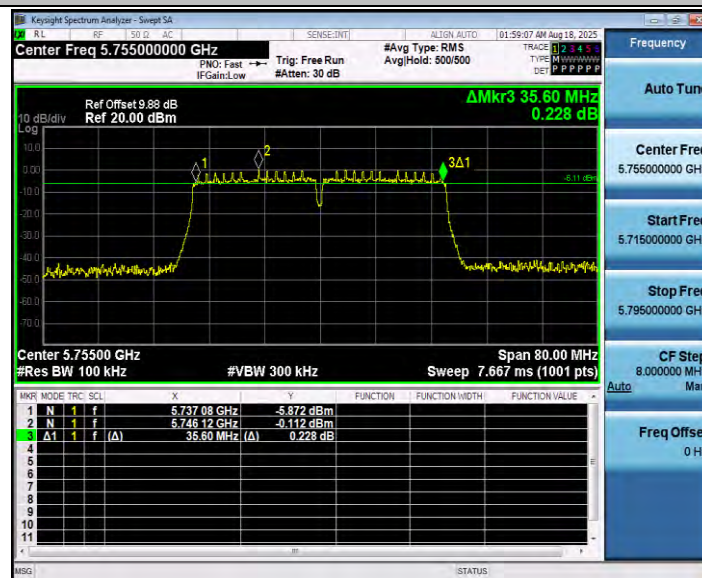
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



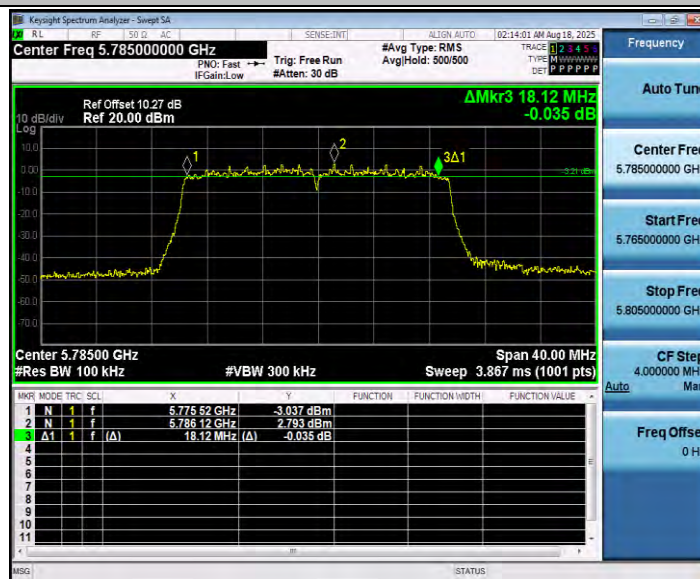
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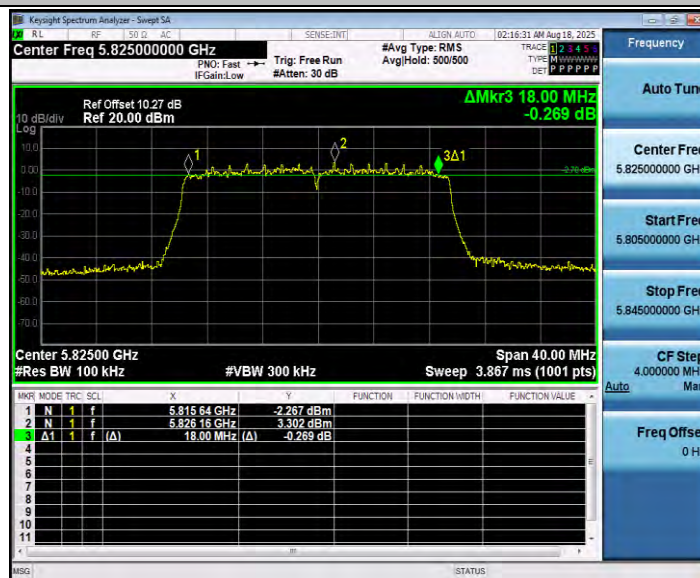
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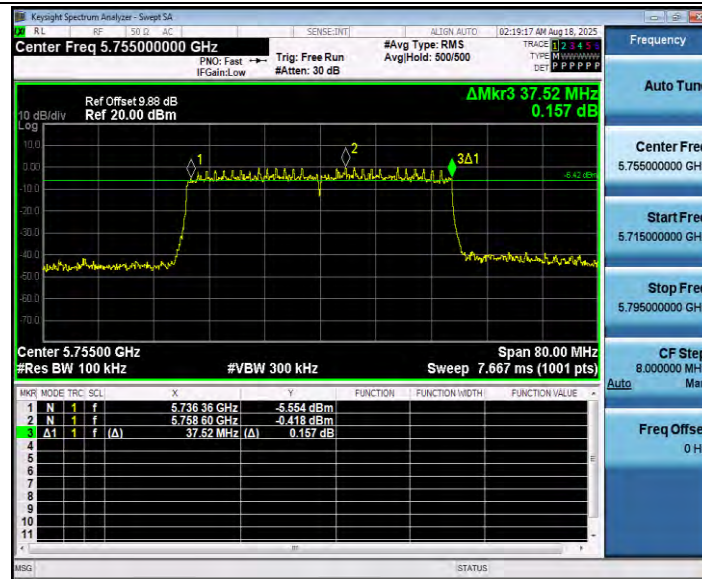
11AX20SISO_Ant1_5785



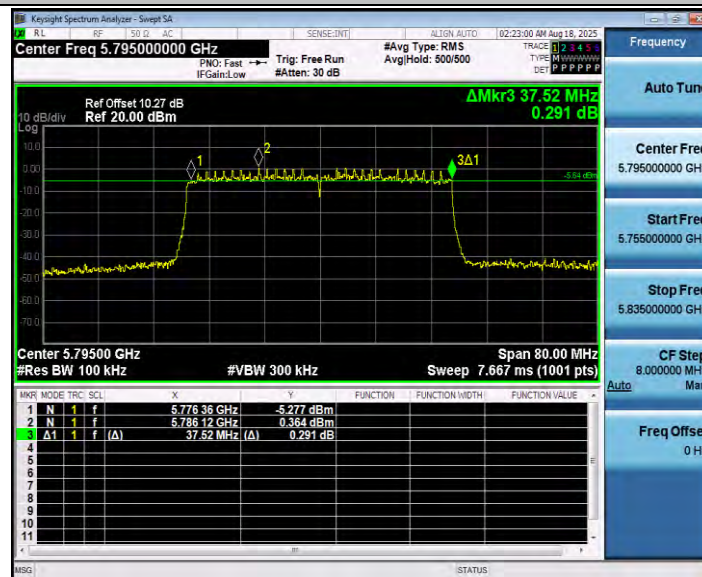
11AX20SISO_Ant1_5825



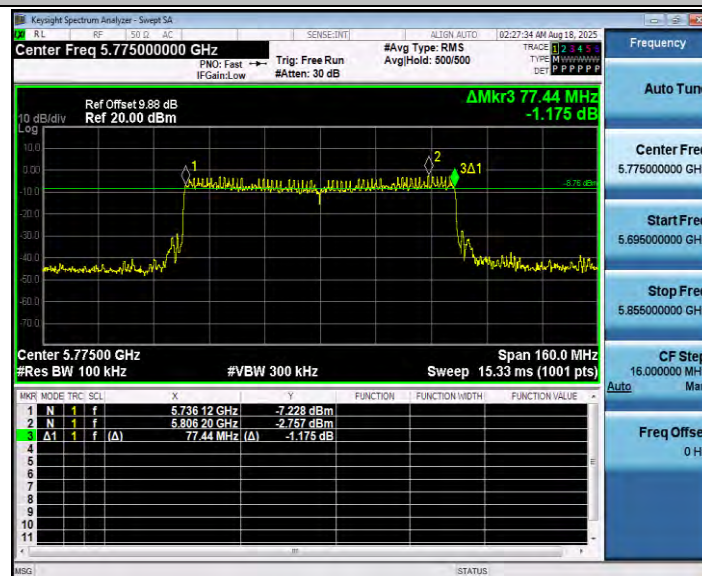
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

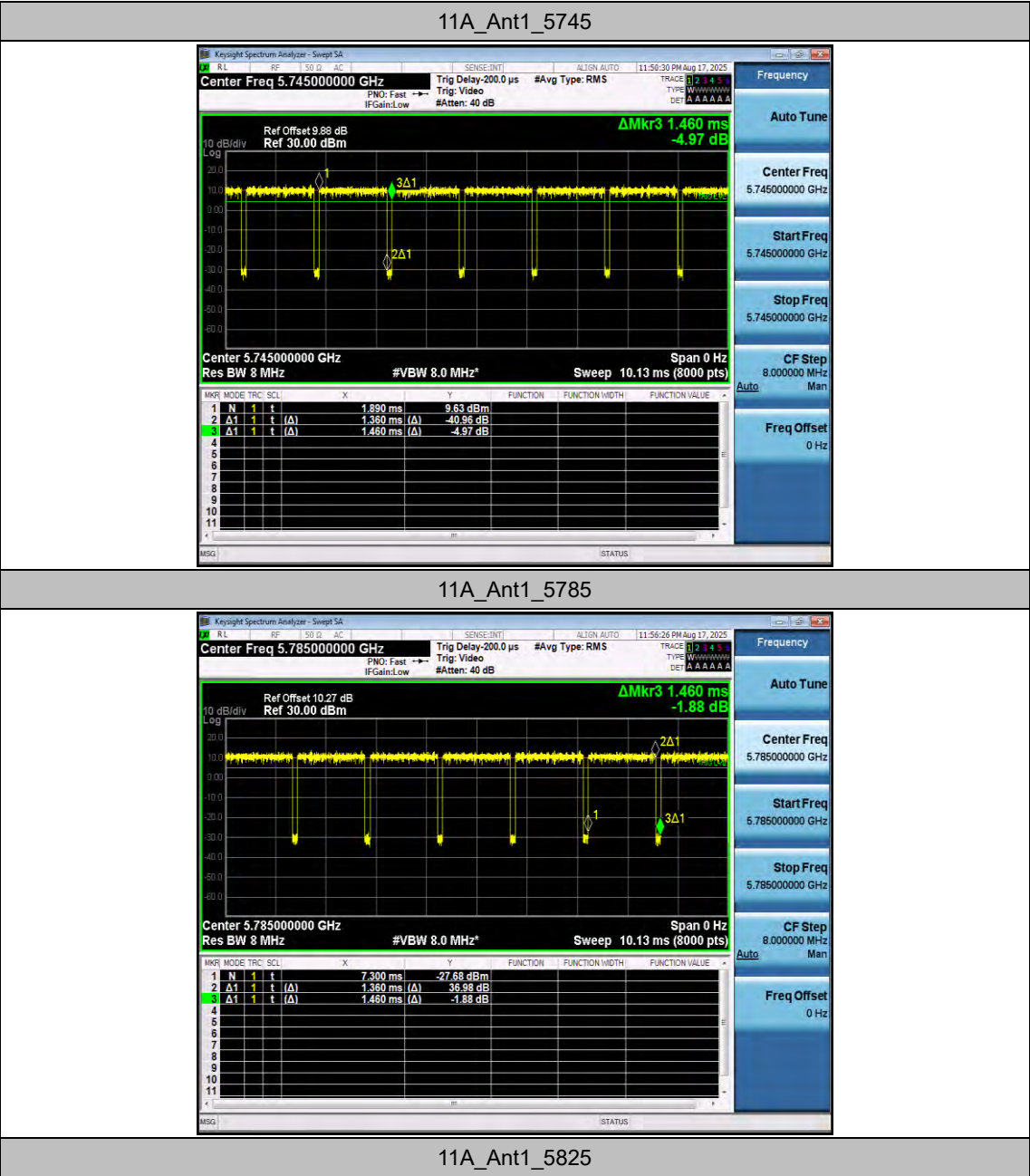


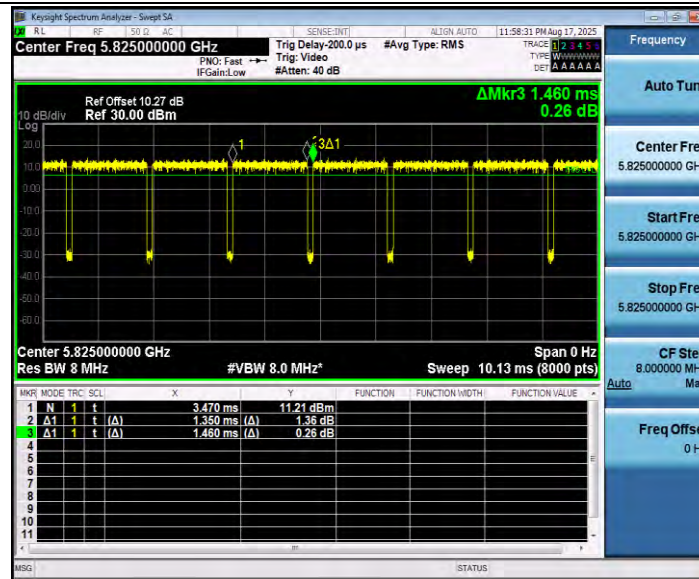
Appendix C.3: Duty Cycle

Test Result

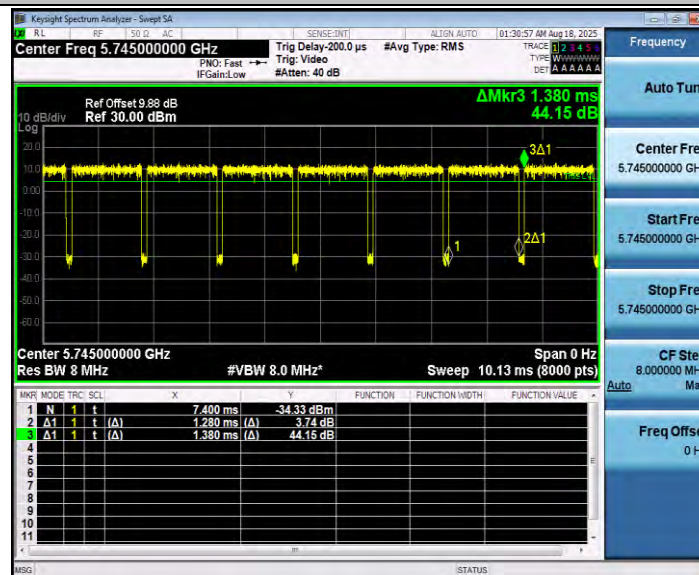
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.36	1.46	93.15	0.31	0.74
		5785	1.36	1.46	93.15	0.31	0.74
		5825	1.35	1.46	92.47	0.34	0.74
11N20SISO	Ant1	5745	1.28	1.38	92.75	0.33	0.78
		5785	1.27	1.38	92.03	0.36	0.79
		5825	1.27	1.37	92.70	0.33	0.79
11N40SISO	Ant1	5755	0.64	0.74	86.49	0.63	1.56
		5795	0.63	0.74	85.14	0.70	1.59
11AC20SISO	Ant1	5745	1.27	1.38	92.03	0.36	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	Ant1	5755	0.64	0.74	86.49	0.63	1.56
		5795	0.63	0.73	86.30	0.64	1.59
11AC80SISO	Ant1	5775	0.32	0.42	76.19	1.18	3.13
11AX20SISO	Ant1	5745	0.98	1.09	89.91	0.46	1.02
		5785	0.98	1.09	89.91	0.46	1.02
		5825	0.98	1.08	90.74	0.42	1.02
11AX40SISO	Ant1	5755	0.52	0.62	83.87	0.76	1.92
		5795	0.52	0.62	83.87	0.76	1.92
11AX80SISO	Ant1	5775	0.28	0.38	73.68	1.33	3.57

Test Graphs

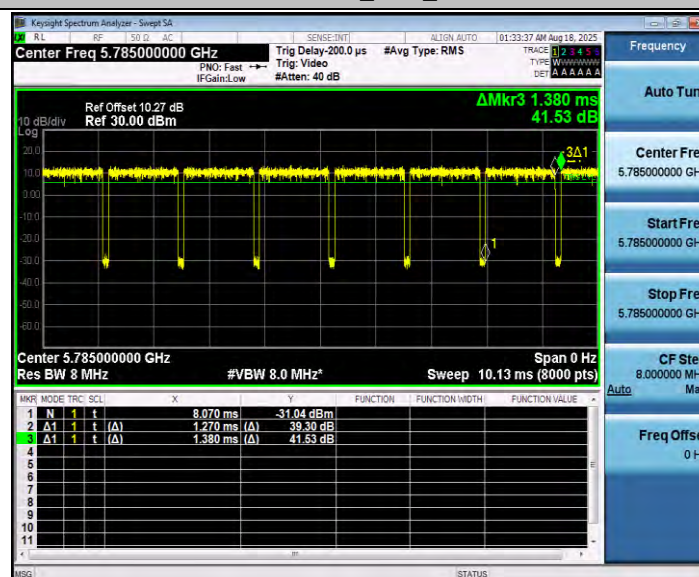




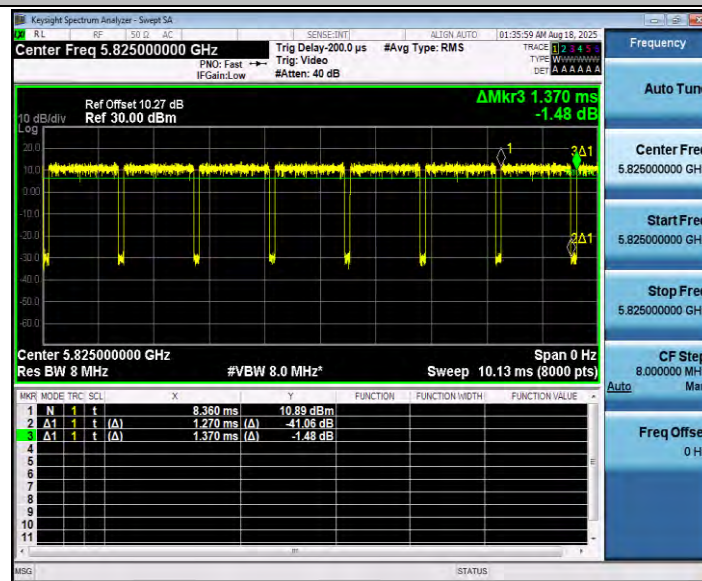
11N20SISO_Ant1_5745



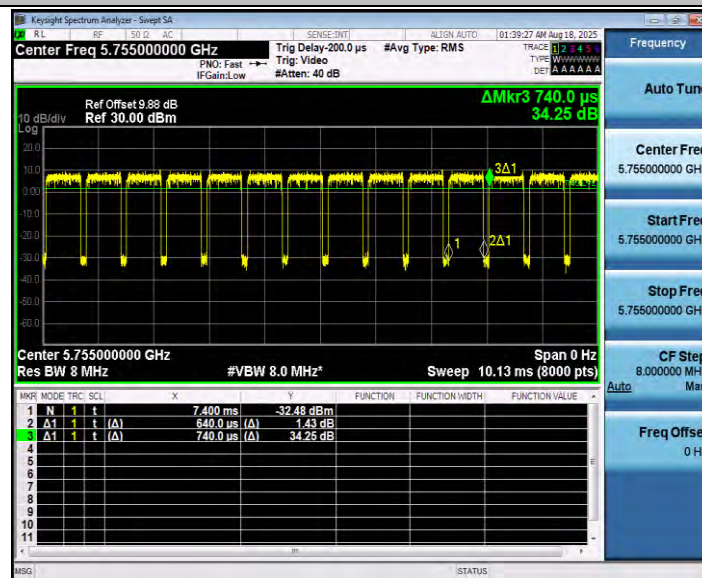
11N20SISO_Ant1_5785



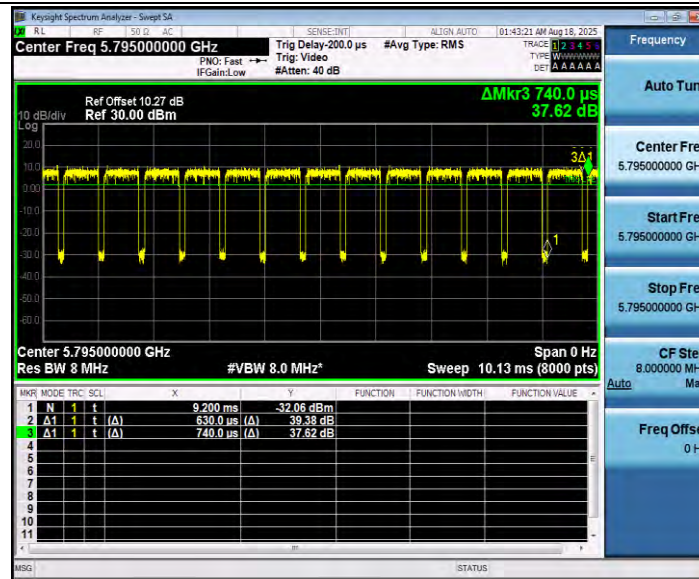
11N20SISO_Ant1_5825



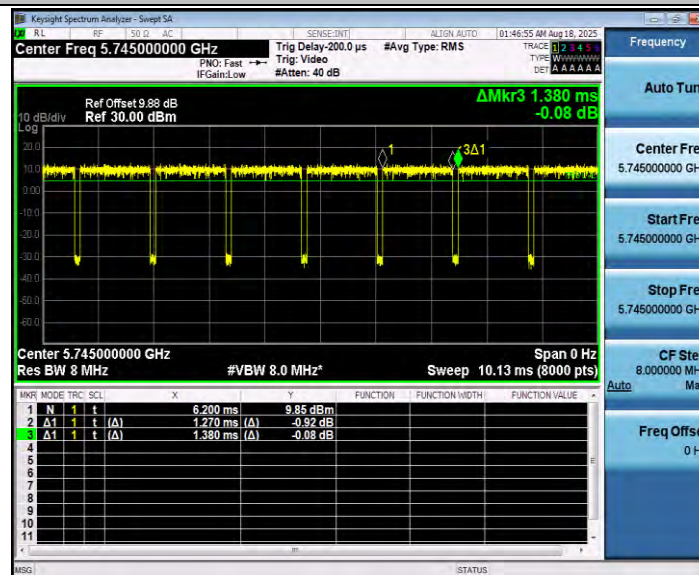
11N40SISO_Ant1_5755



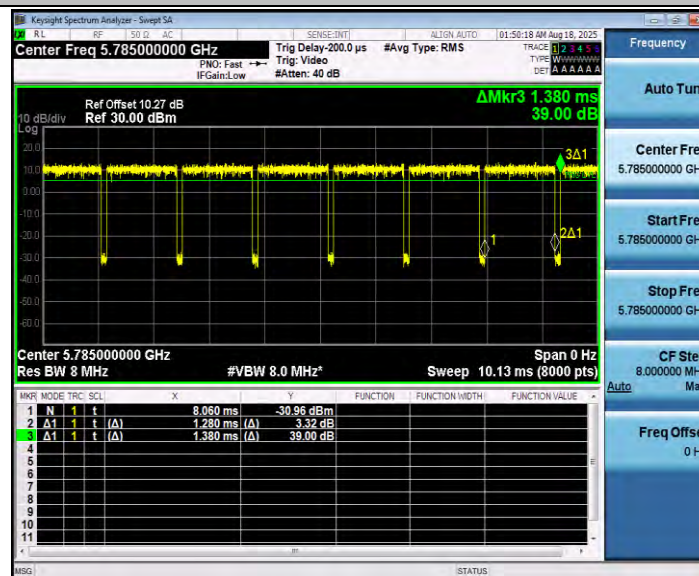
11N40SISO_Ant1_5795

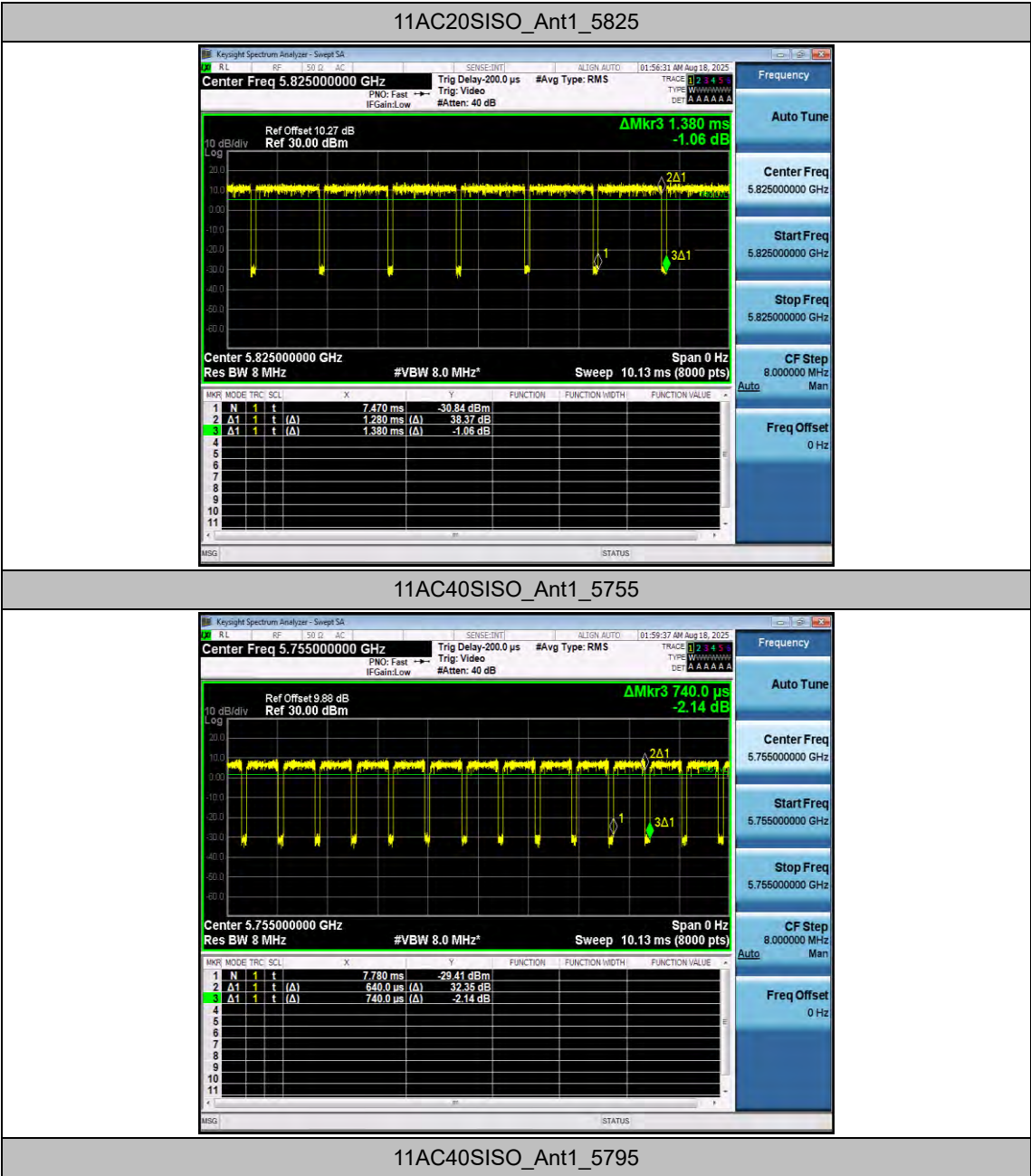


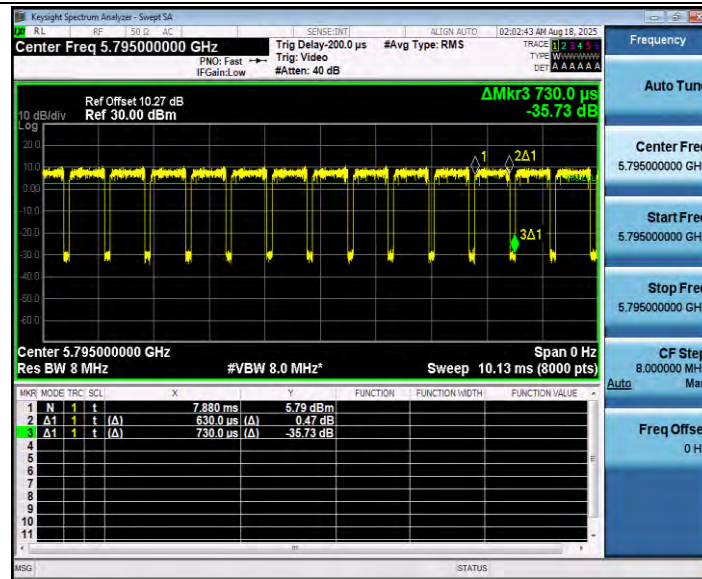
11AC20SISO_Ant1_5745



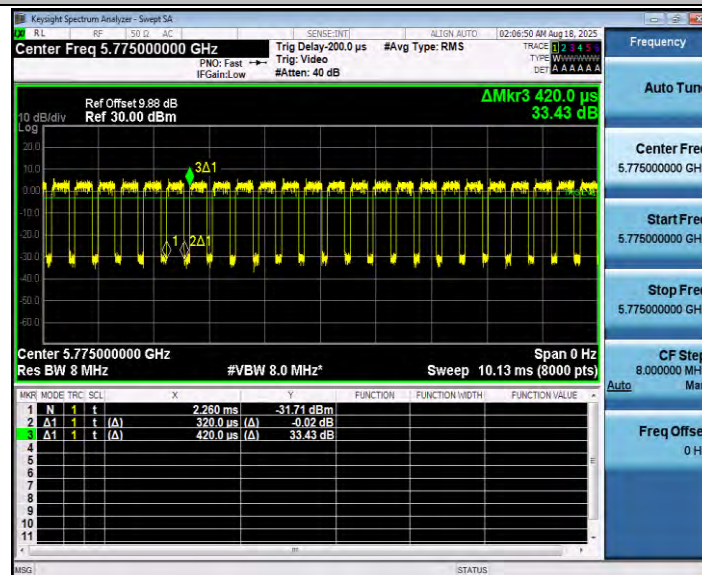
11AC20SISO_Ant1_5785



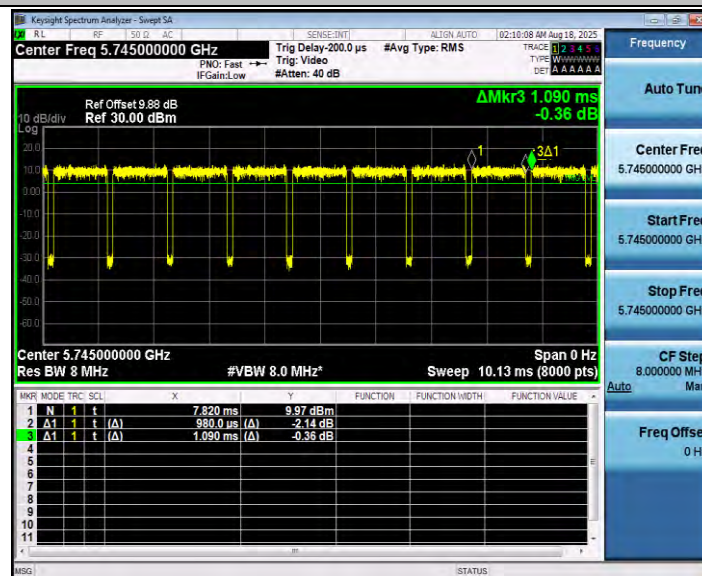




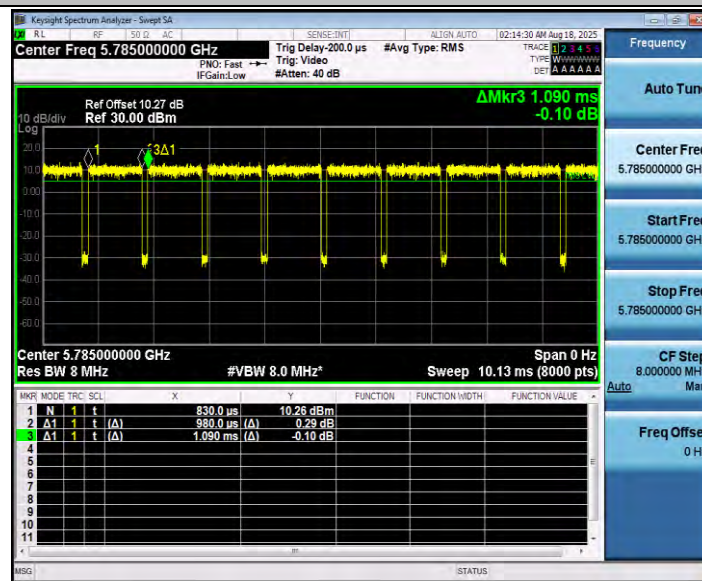
11AC80SISO_Ant1_5775



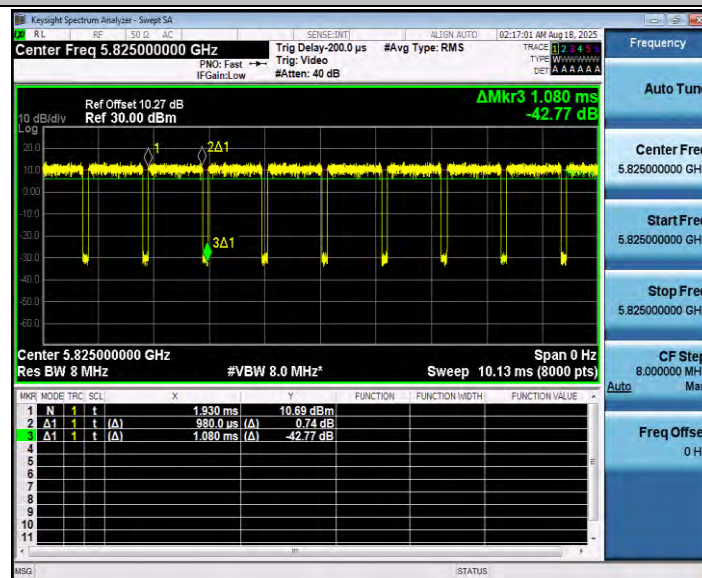
11AX20SISO_Ant1_5745



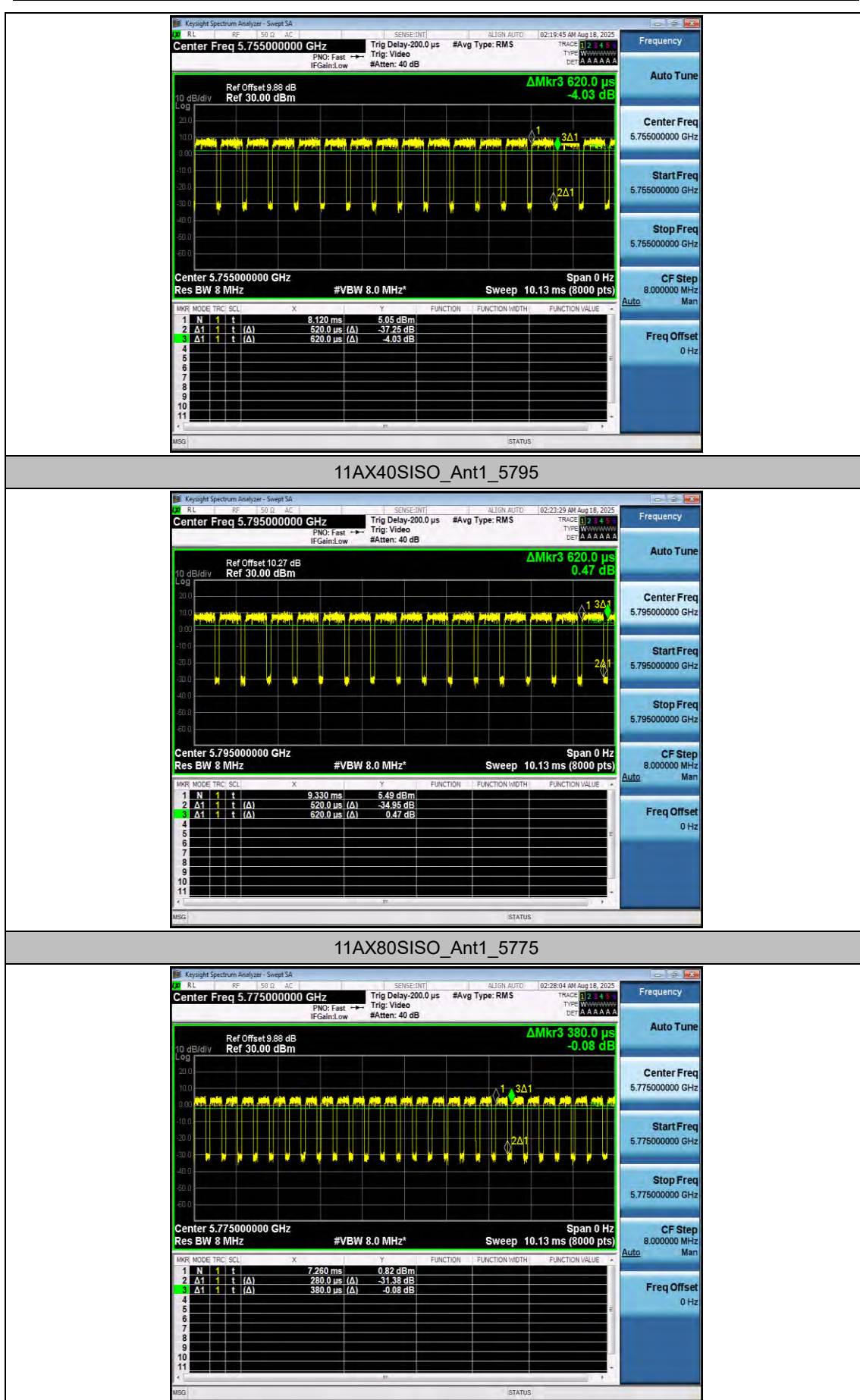
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



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	Ant1	5745	12.59	93.15	0.31	12.90	≤30.00	PASS
		5785	13.83	93.15	0.31	14.14	≤30.00	PASS
		5825	14.23	92.47	0.34	14.57	≤30.00	PASS
11N20SISO	Ant1	5745	13.12	92.75	0.33	13.45	≤30.00	PASS
		5785	13.97	92.03	0.36	14.33	≤30.00	PASS
		5825	14.23	92.70	0.33	14.56	≤30.00	PASS
11N40SISO	Ant1	5755	12.92	86.49	0.63	13.55	≤30.00	PASS
		5795	13.61	85.14	0.70	14.31	≤30.00	PASS
11AC20SISO	Ant1	5745	12.98	92.03	0.36	13.34	≤30.00	PASS
		5785	13.73	92.75	0.33	14.06	≤30.00	PASS
		5825	14.39	92.75	0.33	14.72	≤30.00	PASS
11AC40SISO	Ant1	5755	12.83	86.49	0.63	13.46	≤30.00	PASS
		5795	13.71	86.30	0.64	14.35	≤30.00	PASS
11AC80SISO	Ant1	5775	12.64	76.19	1.18	13.82	≤30.00	PASS
11AX20SISO	Ant1	5745	12.91	89.91	0.46	13.37	≤30.00	PASS
		5785	13.54	89.91	0.46	14.00	≤30.00	PASS
		5825	14.02	90.74	0.42	14.44	≤30.00	PASS
11AX40SISO	Ant1	5755	12.87	83.87	0.76	13.63	≤30.00	PASS
		5795	13.56	83.87	0.76	14.32	≤30.00	PASS
11AX80SISO	Ant1	5775	12.63	73.68	1.33	13.96	≤30.00	PASS

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.13	≤30.00	PASS
		5785	-0.35	≤30.00	PASS
		5825	0.20	≤30.00	PASS
11N20SISO	Ant1	5745	-1.17	≤30.00	PASS
		5785	-0.42	≤30.00	PASS
		5825	0.07	≤30.00	PASS
11N40SISO	Ant1	5755	-3.73	≤30.00	PASS
		5795	-2.95	≤30.00	PASS
11AC20SISO	Ant1	5745	-1.28	≤30.00	PASS
		5785	-0.44	≤30.00	PASS
		5825	0.15	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.89	≤30.00	PASS
		5795	-3.03	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.75	≤30.00	PASS
11AX20SISO	Ant1	5745	-1.51	≤30.00	PASS
		5785	-0.71	≤30.00	PASS
		5825	-0.26	≤30.00	PASS
11AX40SISO	Ant1	5755	-3.95	≤30.00	PASS
		5795	-3.23	≤30.00	PASS
11AX80SISO	Ant1	5775	-5.61	≤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



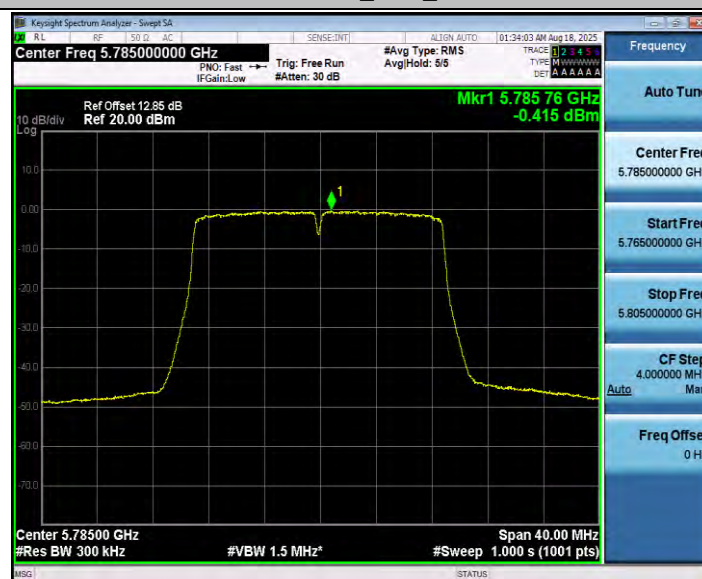
11A_Ant1_5825



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



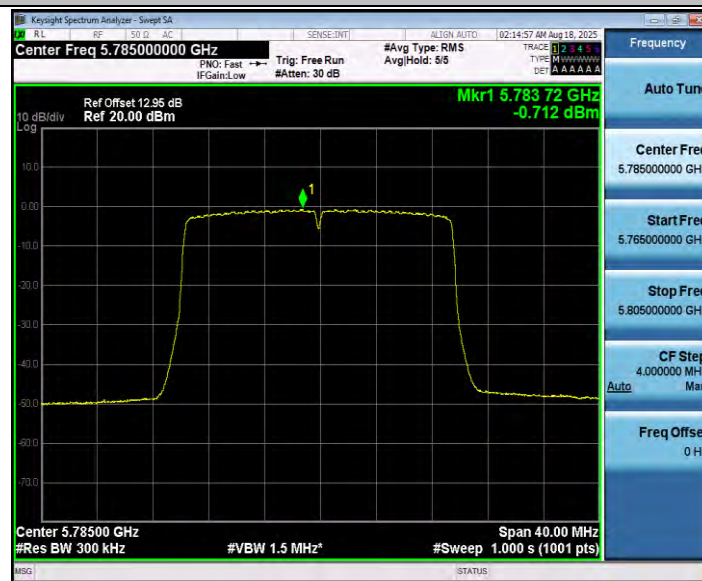
11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

