

Case No. : <u>GTS20251117009-1-12</u>
Ambient Condition: <u>21</u> °C, <u>47</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.11.26-2026.2.4</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	17.252	5736.4420	5753.6940	---	---
		5785	16.960	5776.5169	5793.4769	---	---
		5825	17.374	5816.1862	5833.5602	---	---
11N20SISO	Ant1	5745	18.357	5735.9123	5754.2693	---	---
		5785	18.109	5775.9529	5794.0619	---	---
		5825	18.441	5815.6388	5834.0798	---	---
11N40SISO	Ant1	5755	36.985	5736.7591	5773.7441	---	---
		5795	36.349	5776.8464	5813.1954	---	---
11AC20SISO	Ant1	5745	18.101	5736.0158	5754.1168	---	---
		5785	17.857	5776.0491	5793.9061	---	---
		5825	18.163	5815.8228	5833.9858	---	---
11AC40SISO	Ant1	5755	36.608	5736.9234	5773.5314	---	---
		5795	36.205	5776.9394	5813.1444	---	---
11AC80SISO	Ant1	5775	75.133	5737.6087	5812.7417	---	---
11AX20SISO	Ant1	5745	19.240	5735.3985	5754.6385	---	---
		5785	19.096	5775.4461	5794.5421	---	---
		5825	19.263	5815.3034	5834.5664	---	---
11AX40SISO	Ant1	5755	37.922	5736.1172	5774.0392	---	---
		5795	37.545	5776.2948	5813.8398	---	---
11AX80SISO	Ant1	5775	76.988	5736.6438	5813.6318	---	---

Test Graphs

11A_Ant1_5745



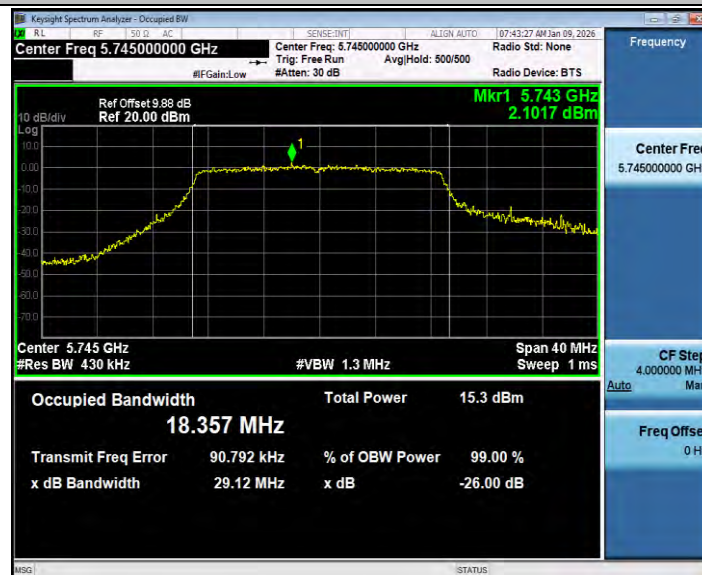
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



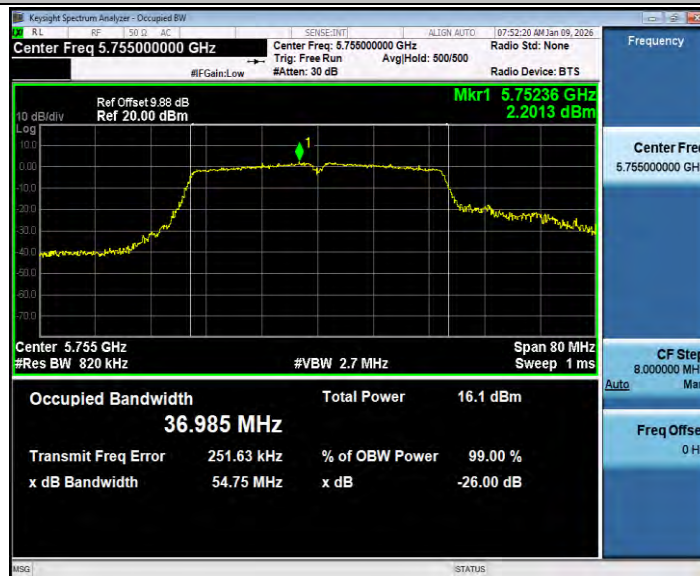
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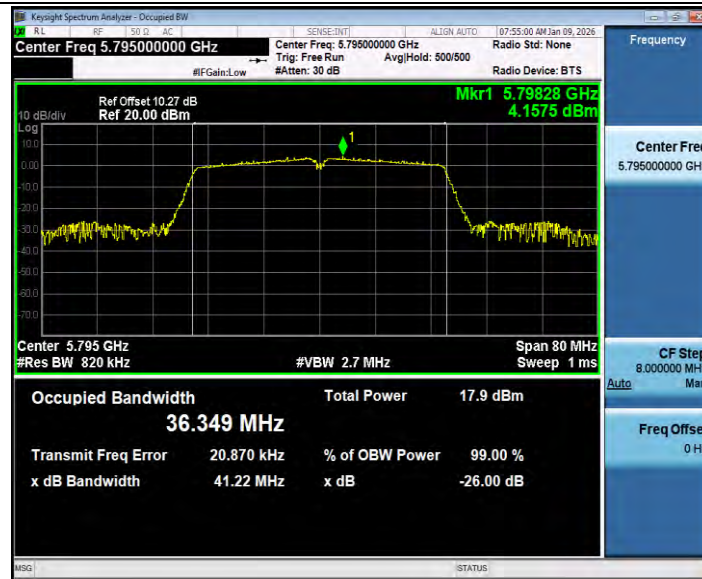
11N20SISO_Ant1_5825



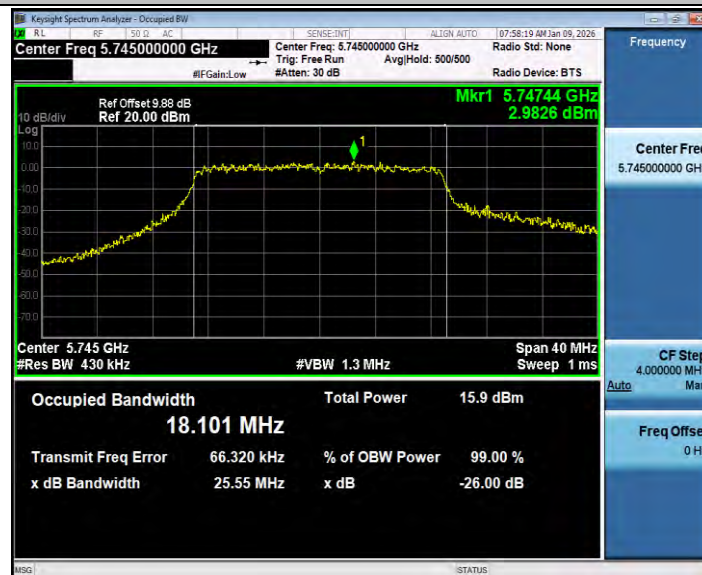
11N40SISO_Ant1_5755



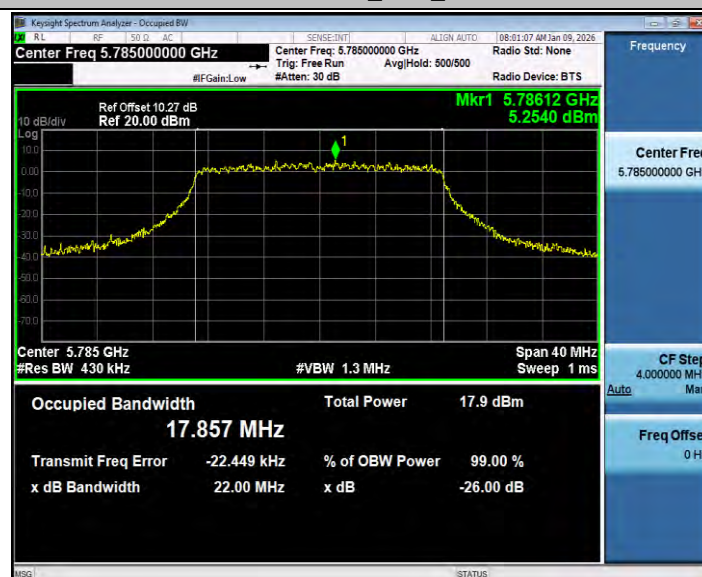
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



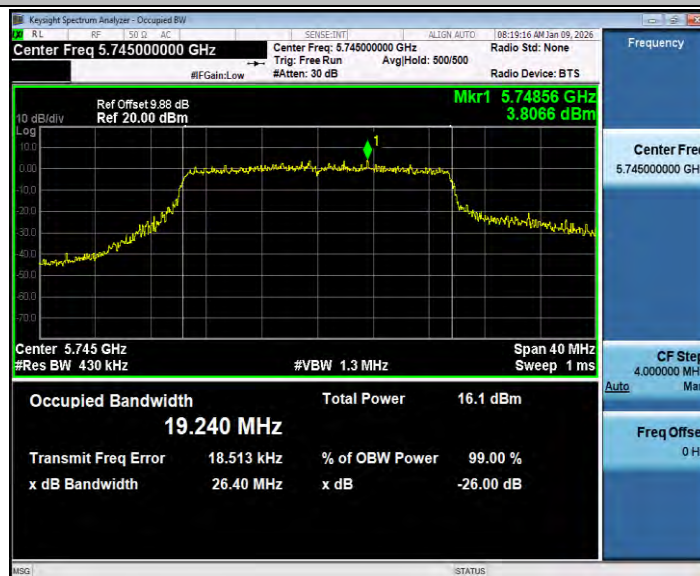
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



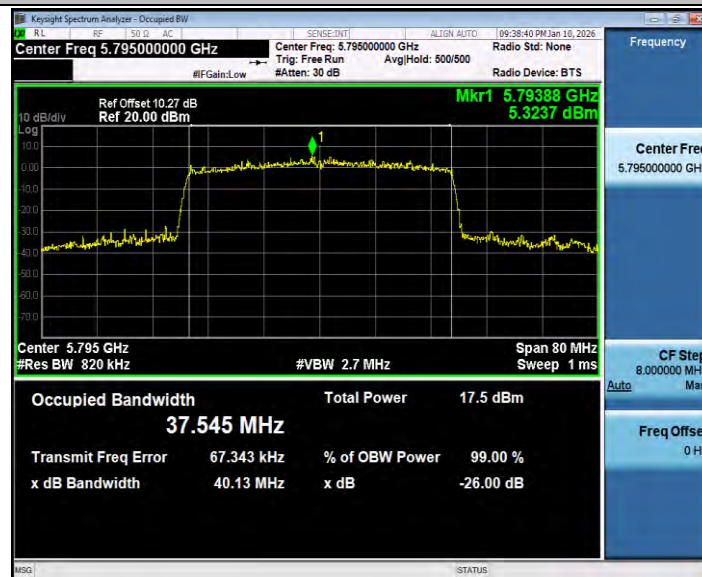
11AX20SISO_Ant1_5825



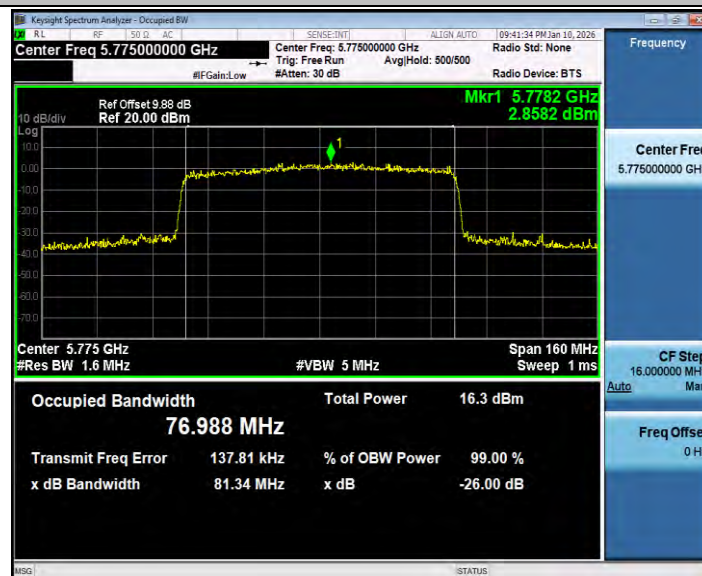
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



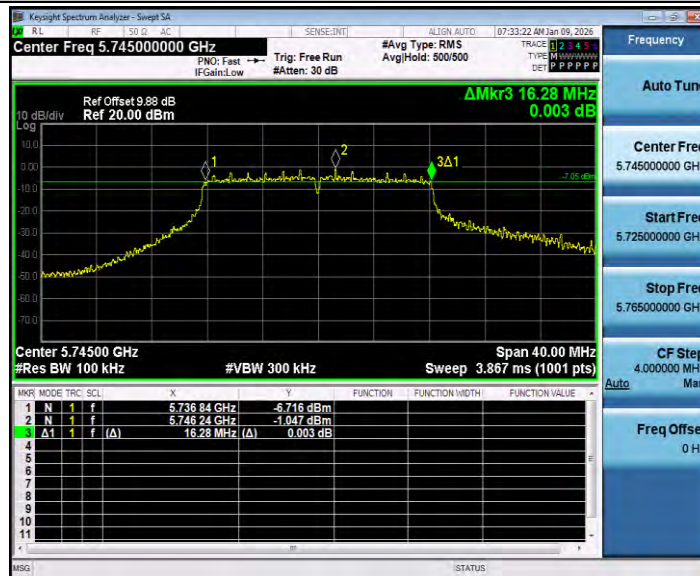
Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.280	5736.840	5753.120	0.5	PASS
		5785	16.080	5777.040	5793.120	0.5	PASS
		5825	16.320	5816.800	5833.120	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.200	5753.720	0.5	PASS
		5785	17.280	5776.440	5793.720	0.5	PASS
		5825	17.560	5816.200	5833.760	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	17.600	5736.160	5753.760	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.520	5816.200	5833.720	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	33.840	5778.680	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	18.680	5735.520	5754.200	0.5	PASS
		5785	18.760	5775.600	5794.360	0.5	PASS
		5825	18.760	5815.560	5834.320	0.5	PASS
11AX40SISO	Ant1	5755	36.880	5736.840	5773.720	0.5	PASS
		5795	35.600	5777.400	5813.000	0.5	PASS
11AX80SISO	Ant1	5775	76.320	5737.400	5813.720	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



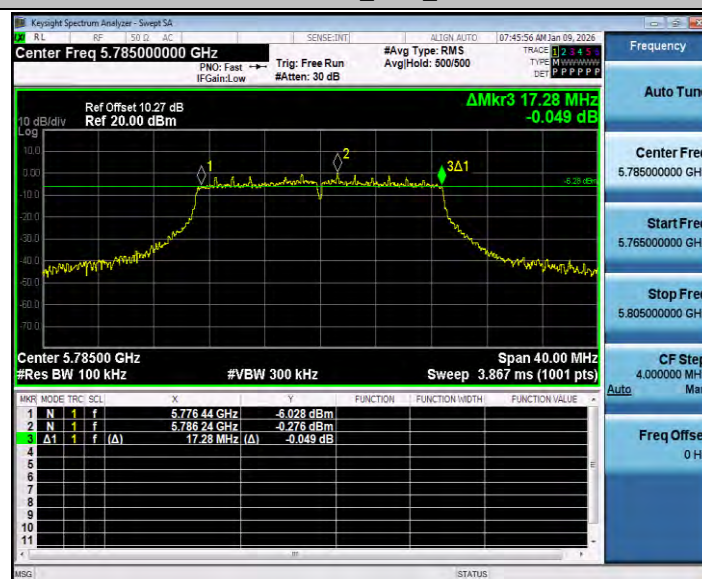
11A_Ant1_5825



11N20SISO_Ant1_5745



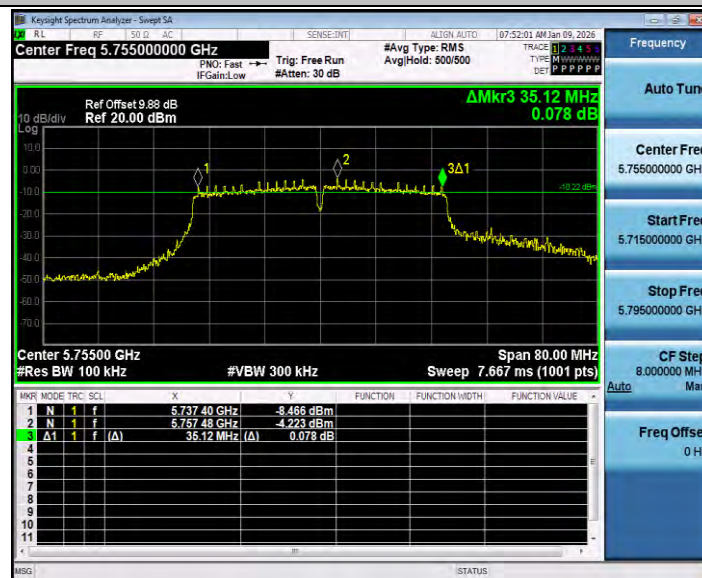
11N20SISO_Ant1_5785



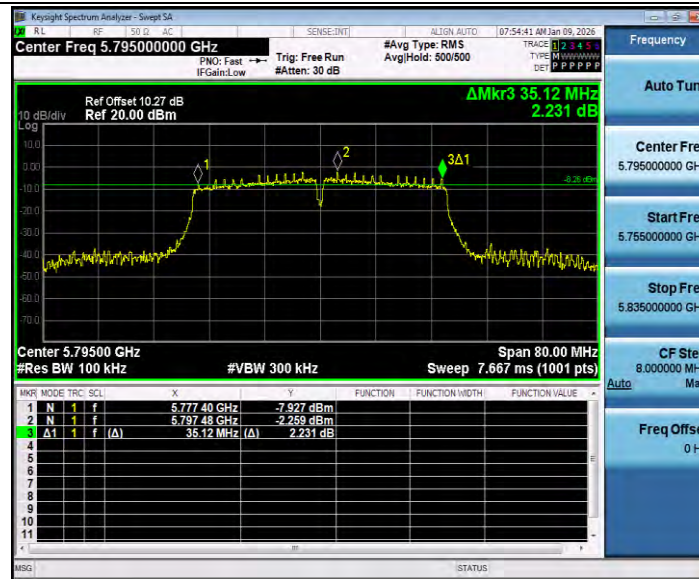
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



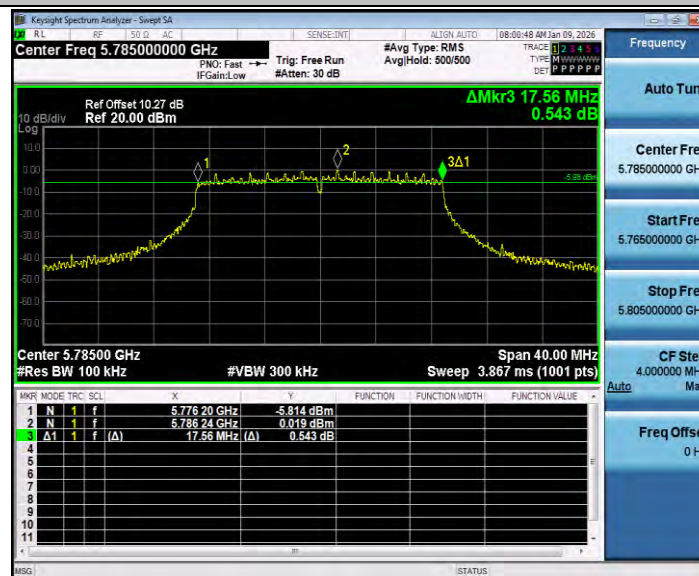
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



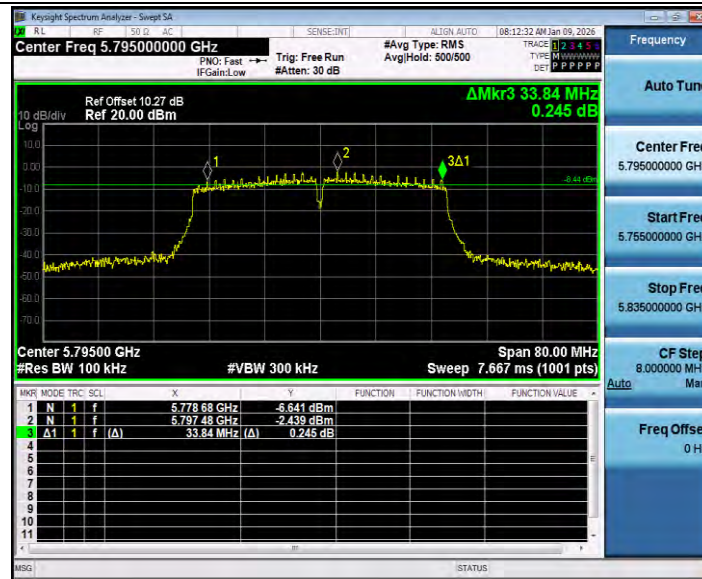
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



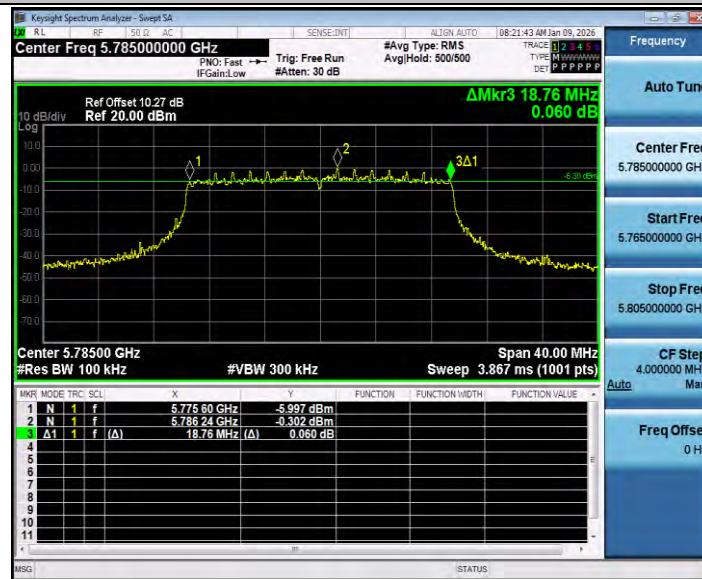
11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



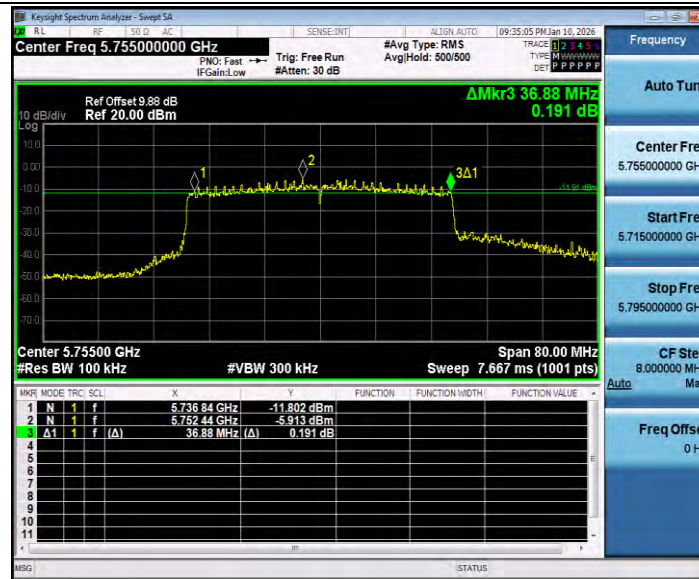
11AX20SISO_Ant1_5785



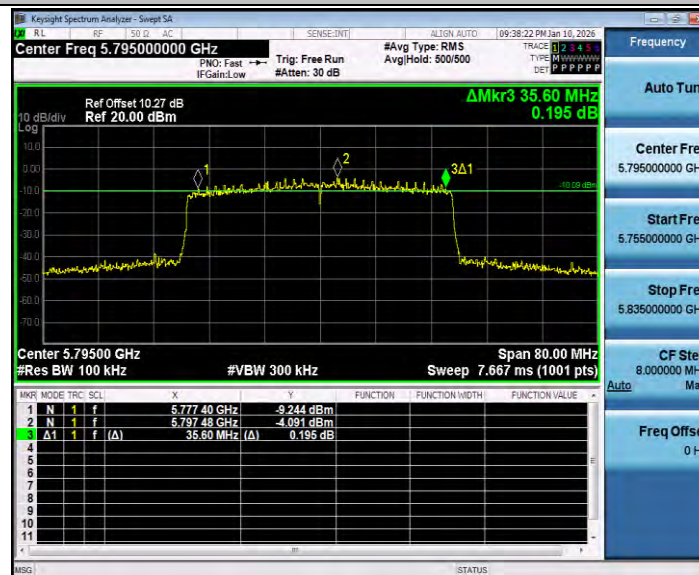
11AX20SISO_Ant1_5825



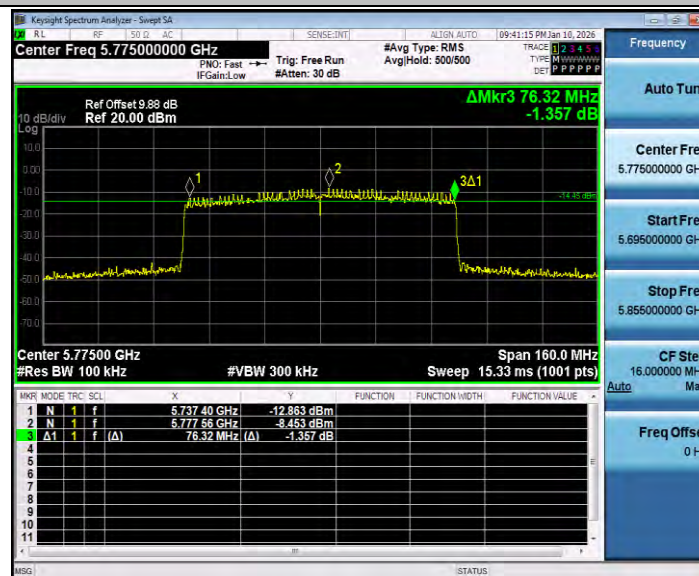
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

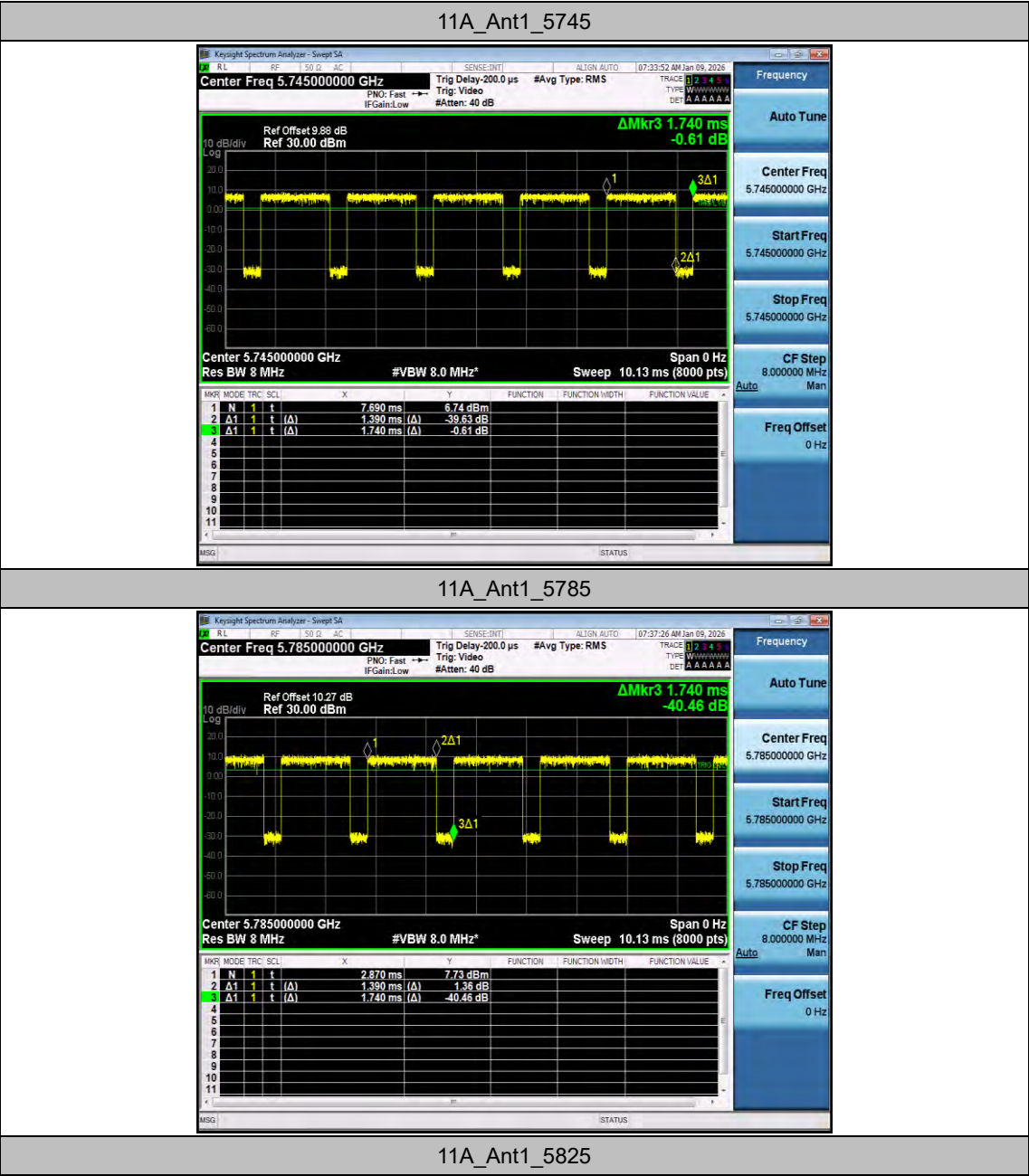


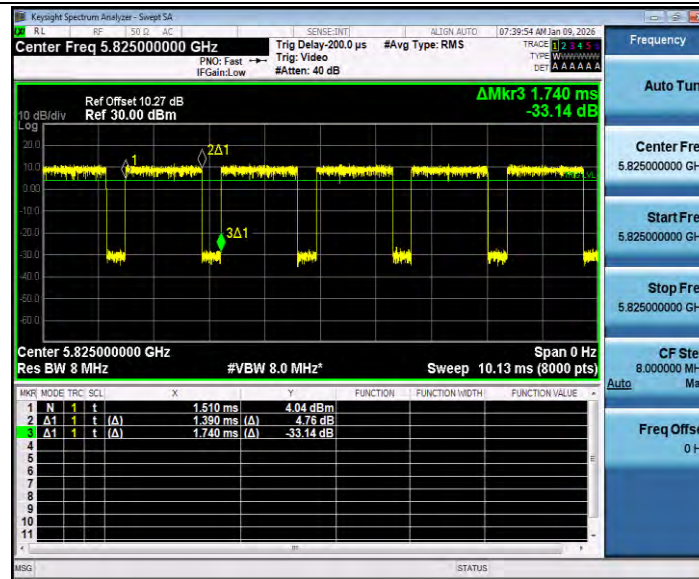
Appendix E.3: Duty Cycle

Test Result

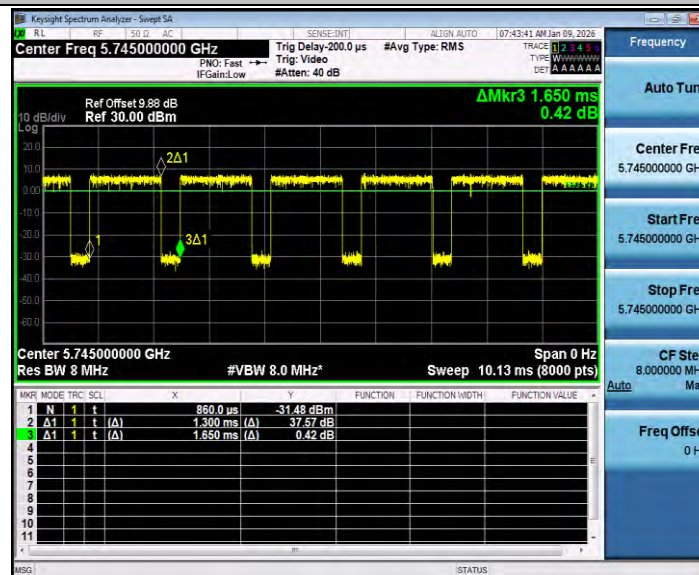
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.39	1.74	79.89	0.98	0.72
		5785	1.39	1.74	79.89	0.98	0.72
		5825	1.39	1.74	79.89	0.98	0.72
11N20SISO	Ant1	5745	1.30	1.65	78.79	1.04	0.77
		5785	1.30	1.65	78.79	1.04	0.77
		5825	1.30	1.65	78.79	1.04	0.77
11N40SISO	Ant1	5755	0.65	0.99	65.66	1.83	1.54
		5795	0.64	0.98	65.31	1.85	1.56
11AC20SISO	Ant1	5745	0.68	1.04	65.38	1.85	1.47
		5785	0.68	1.03	66.02	1.80	1.47
		5825	0.68	1.04	65.38	1.85	1.47
11AC40SISO	Ant1	5755	0.35	0.71	49.30	3.07	2.86
		5795	0.35	0.71	49.30	3.07	2.86
11AC80SISO	Ant1	5775	0.19	0.52	36.54	4.37	5.26
11AX20SISO	Ant1	5745	0.20	0.52	38.46	4.15	5.00
		5785	0.20	0.52	38.46	4.15	5.00
		5825	0.55	0.91	60.44	2.19	1.82
11AX40SISO	Ant1	5755	0.32	0.68	47.06	3.27	3.13
		5795	0.33	0.68	48.53	3.14	3.03
11AX80SISO	Ant1	5775	0.19	0.55	34.55	4.62	5.26

Test Graphs

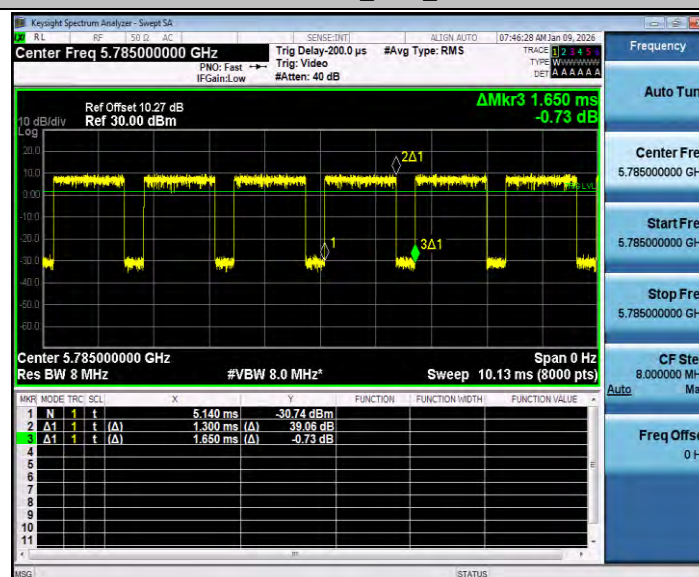




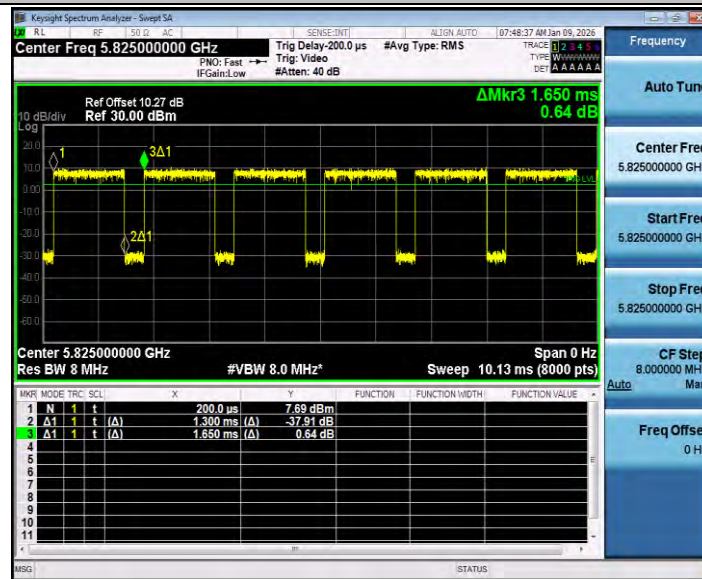
11N20SISO_Ant1_5745



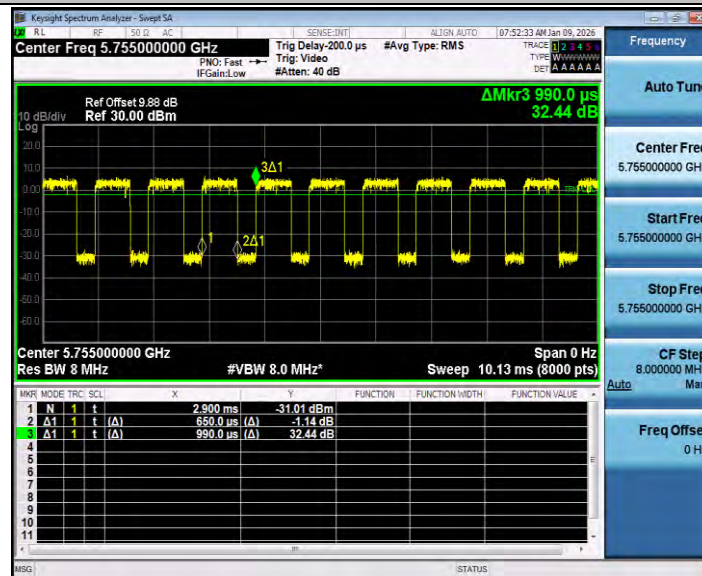
11N20SISO_Ant1_5785



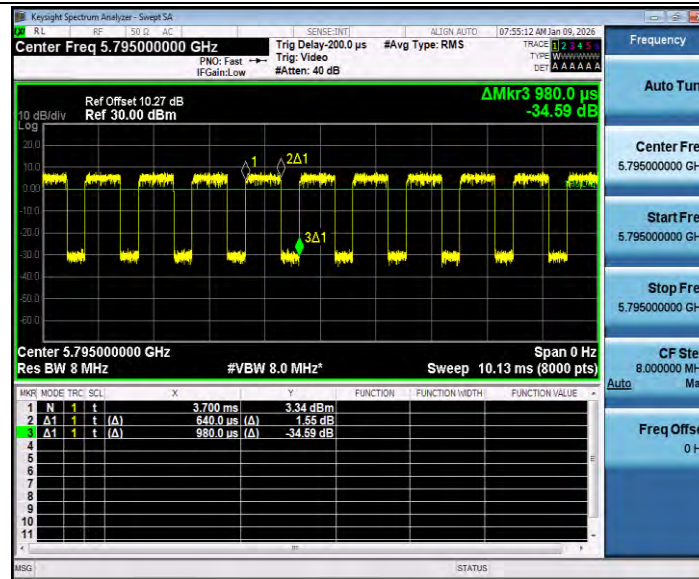
11N20SISO_Ant1_5825



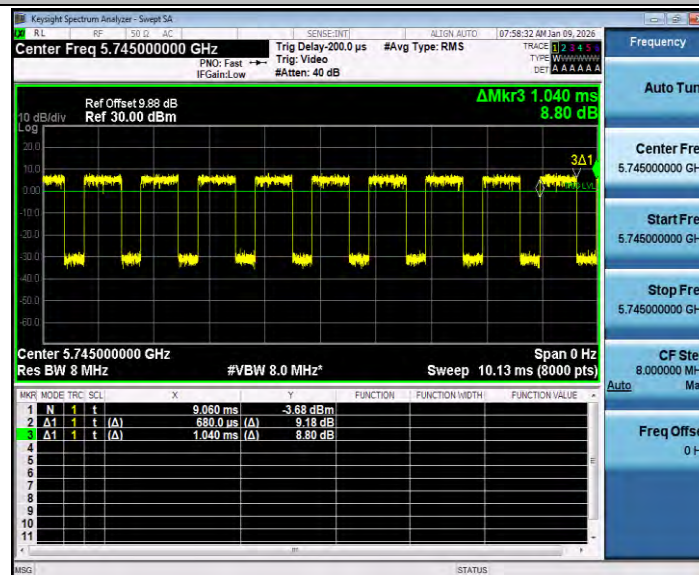
11N40SISO_Ant1_5755



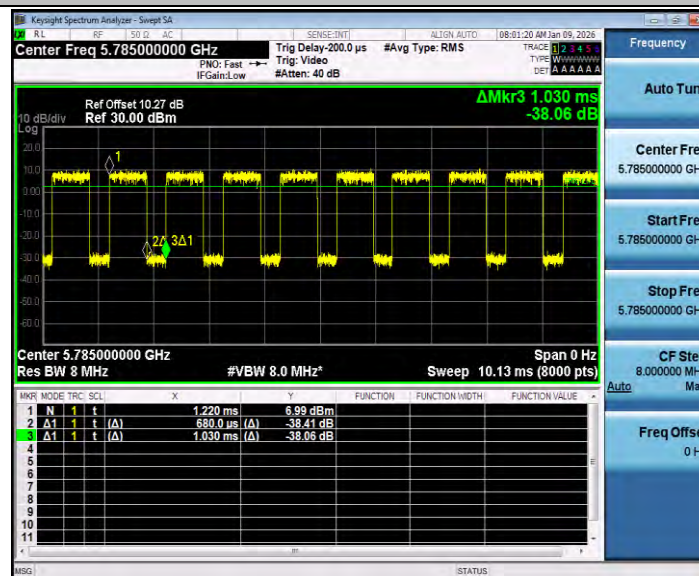
11N40SISO_Ant1_5795

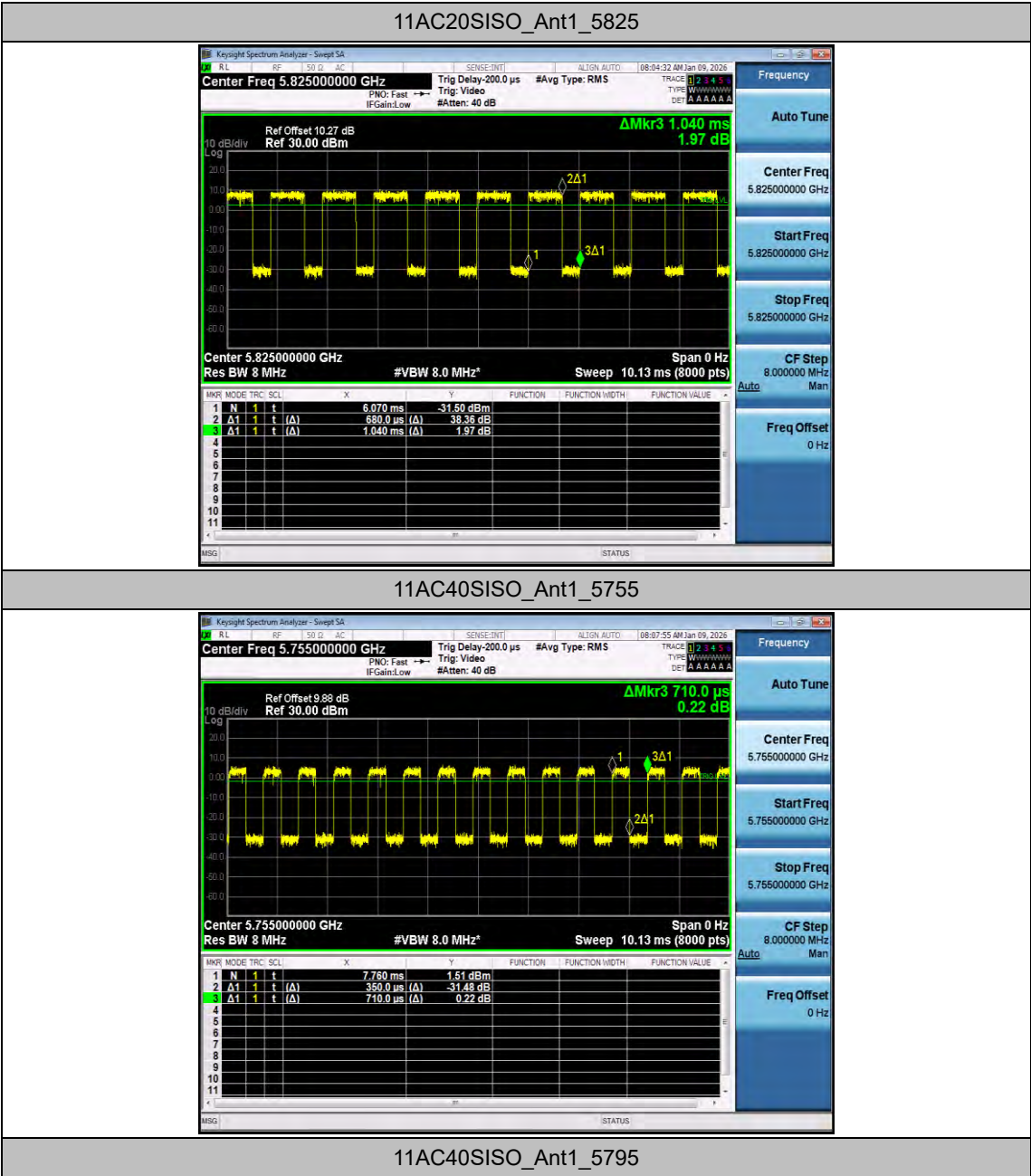


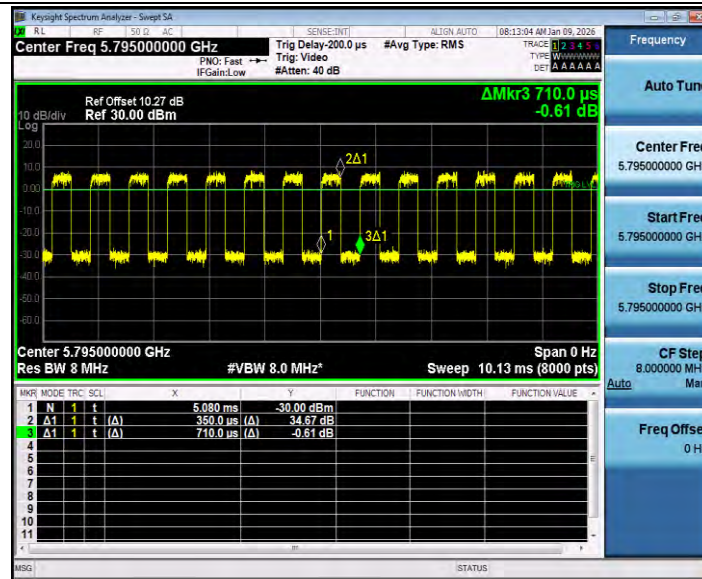
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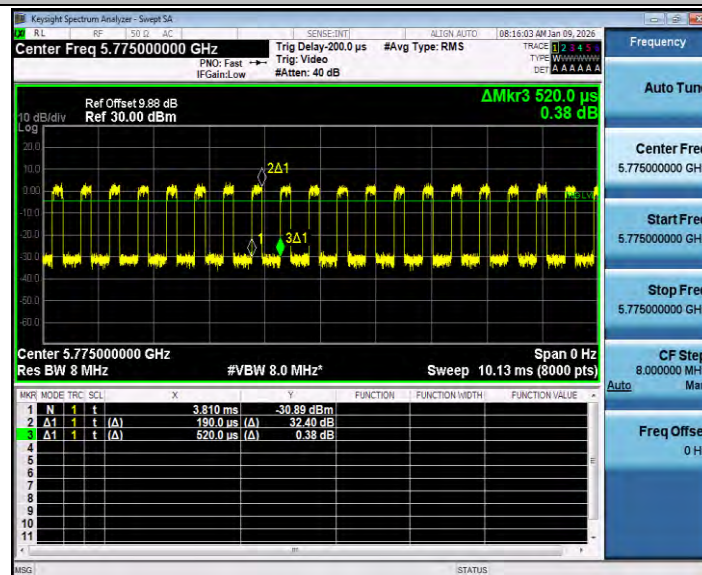
11AC20SISO_Ant1_5785



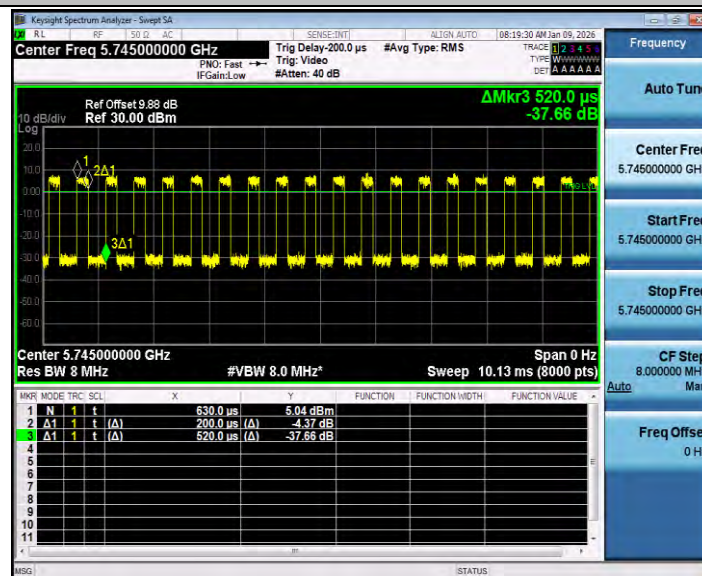




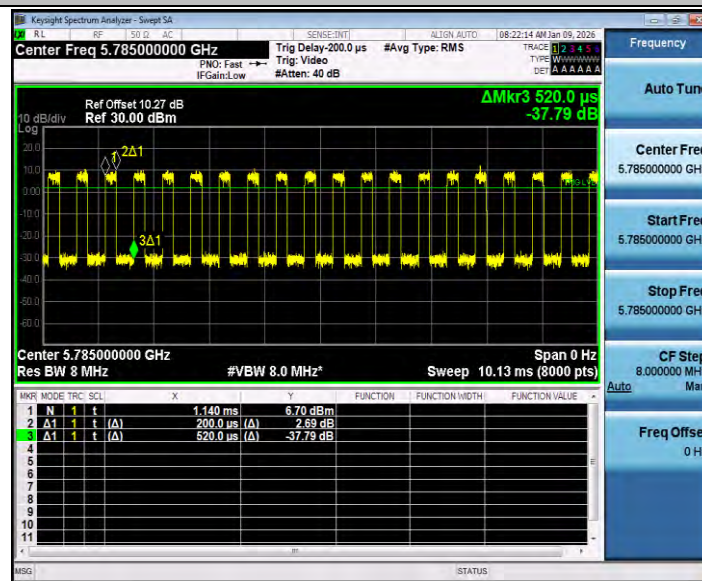
11AC80SISO_Ant1_5775



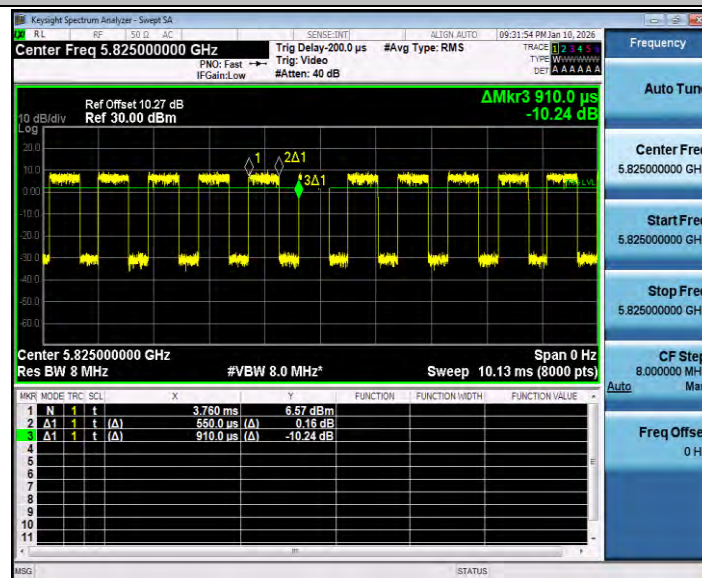
11AX20SISO_Ant1_5745



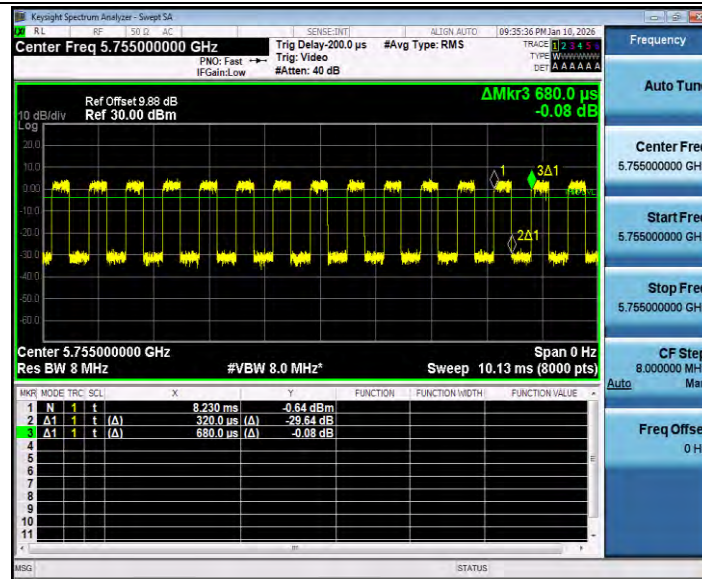
11AX20SISO_Ant1_5785



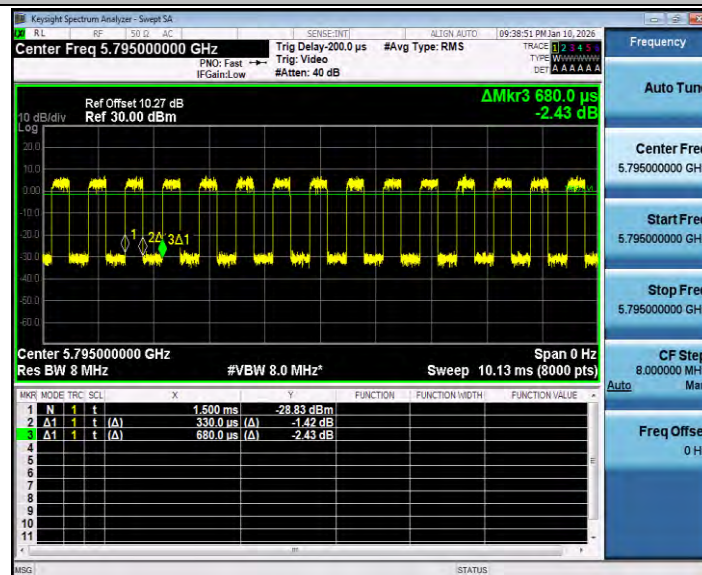
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

