

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	Ant0	5745	17.312	5736.4618	5753.7738	---	---
		5785	16.975	5776.5277	5793.5027	---	---
		5825	17.381	5816.1409	5833.5219	---	---
11N20SISO	Ant0	5745	18.386	5735.9063	5754.2923	---	---
		5785	18.104	5775.9454	5794.0494	---	---
		5825	18.577	5815.5047	5834.0817	---	---
11N40SISO	Ant0	5755	36.881	5736.7970	5773.6780	---	---
		5795	36.324	5776.8974	5813.2214	---	---
11AC20SISO	Ant0	5745	18.354	5735.9149	5754.2689	---	---
		5785	18.115	5775.9622	5794.0772	---	---
		5825	18.430	5815.6632	5834.0932	---	---
11AC40SISO	Ant0	5755	36.828	5736.7933	5773.6213	---	---
		5795	36.255	5776.9216	5813.1766	---	---
11AC80SISO	Ant0	5775	75.227	5737.6047	5812.8317	---	---
11AX20SISO	Ant0	5745	19.244	5735.3914	5754.6354	---	---
		5785	19.170	5775.4264	5794.5964	---	---
		5825	19.243	5815.3026	5834.5456	---	---
11AX40SISO	Ant0	5755	37.913	5736.2278	5774.1408	---	---
		5795	37.638	5776.1703	5813.8083	---	---
11AX80SISO	Ant0	5775	76.830	5736.7879	5813.6179	---	---

Test Graphs

11A_Ant0_5745



11A_Ant0_5785



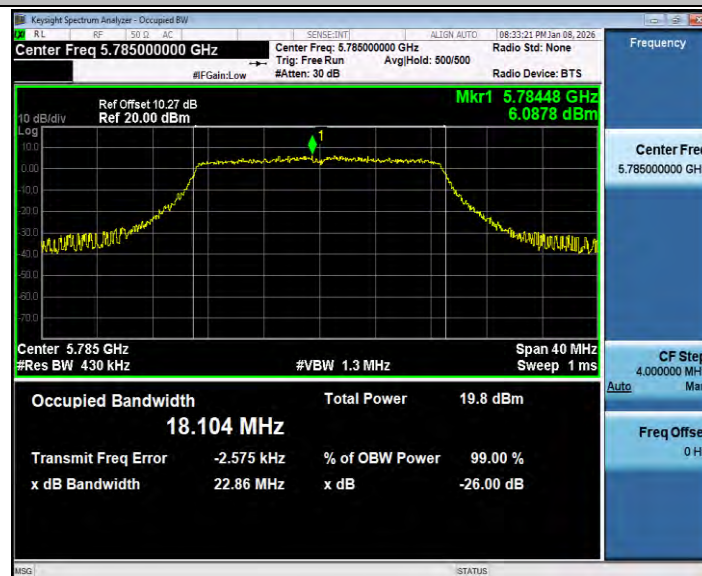
11A_Ant0_5825



11N20SISO_Ant0_5745



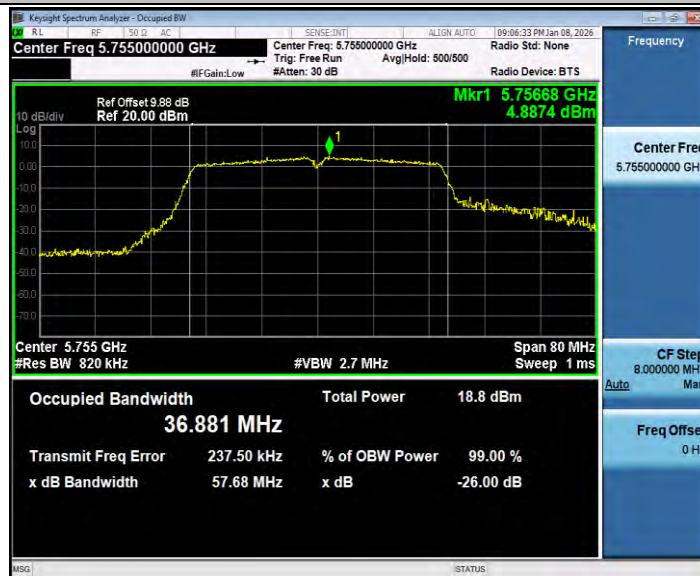
11N20SISO_Ant0_5785



11N20SISO_Ant0_5825



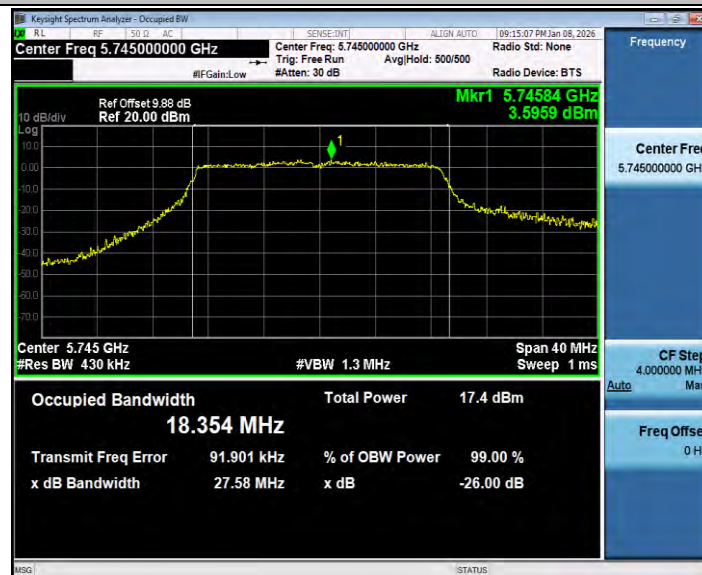
11N40SISO_Ant0_5755



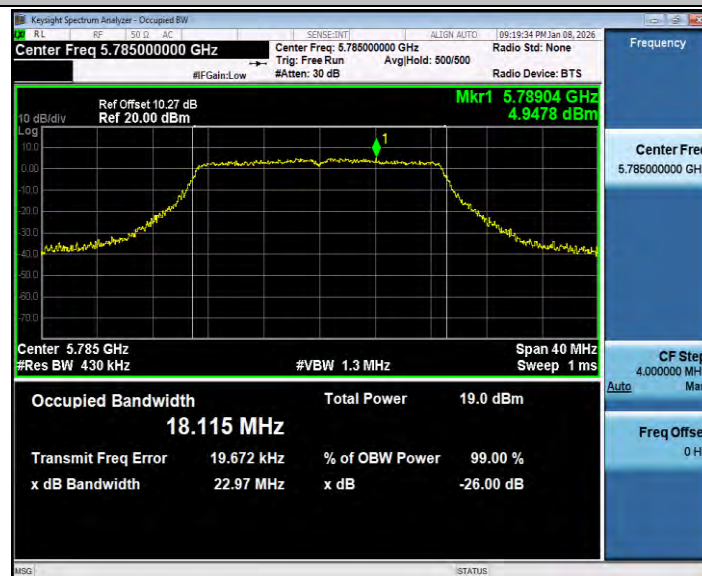
11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745



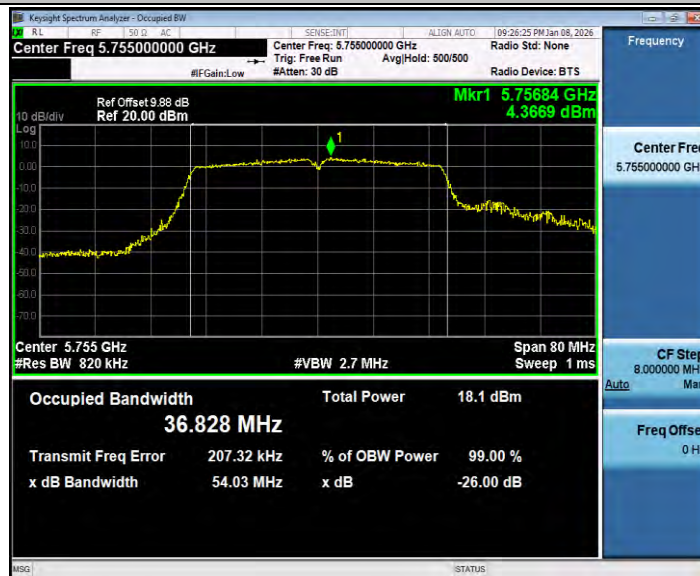
11AC20SISO_Ant0_5785



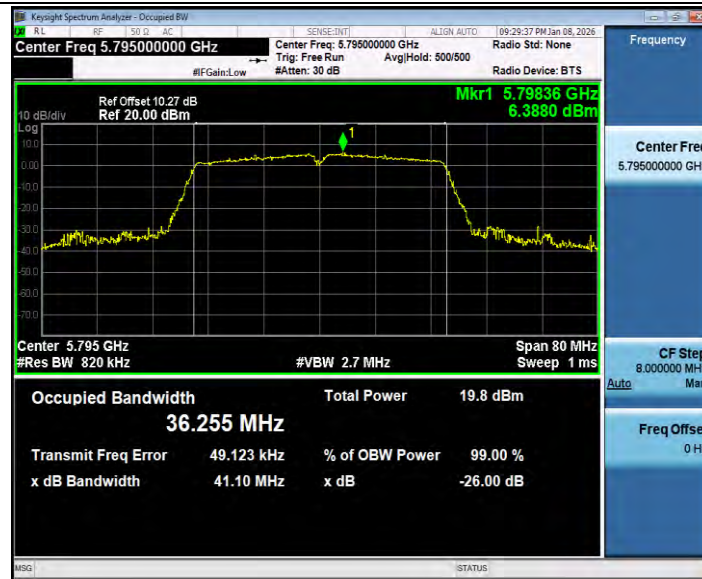
11AC20SISO_Ant0_5825



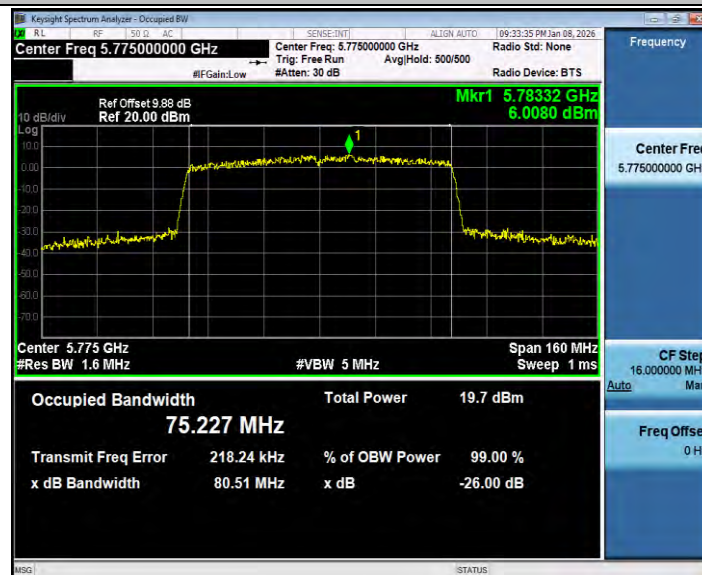
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



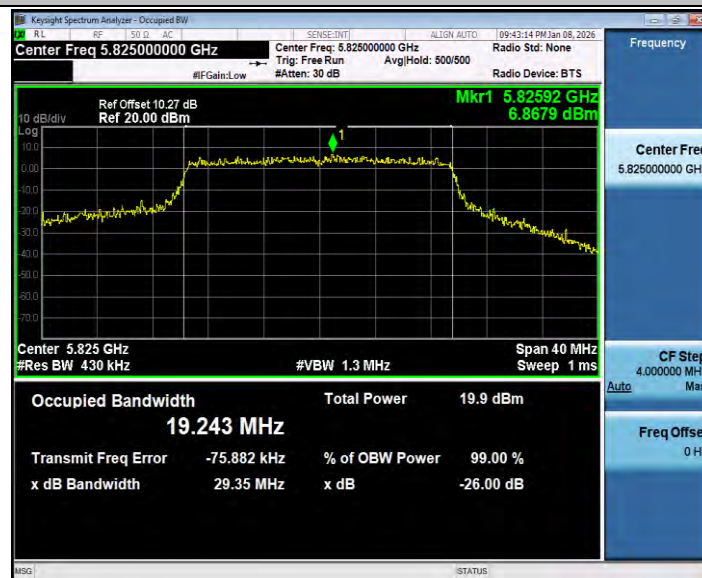
11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



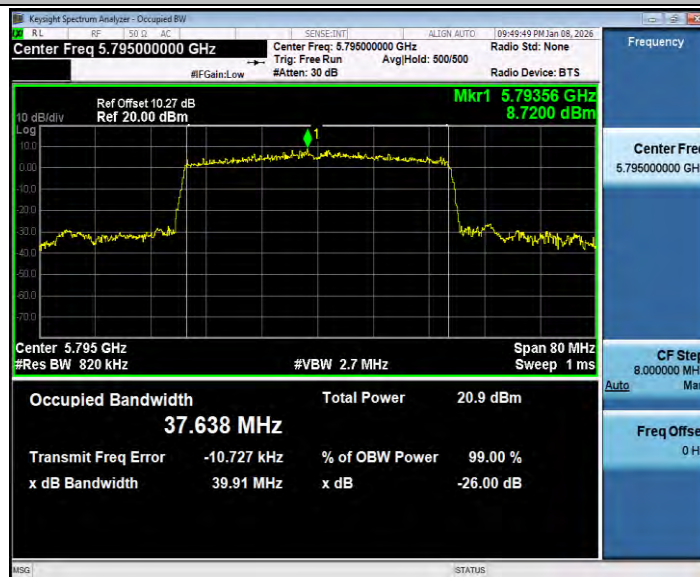
11AX20SISO_Ant0_5825



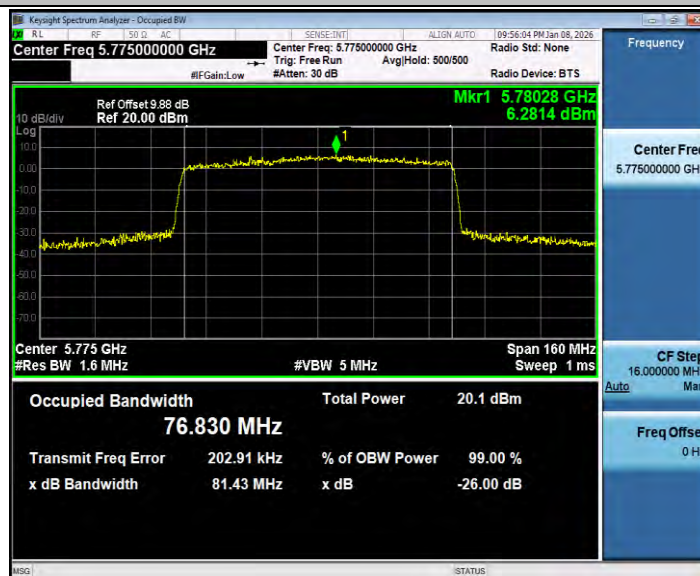
11AX40SISO_Ant0_5755



11AX40ISO_Ant0_5795



11AX80ISO_Ant0_5775



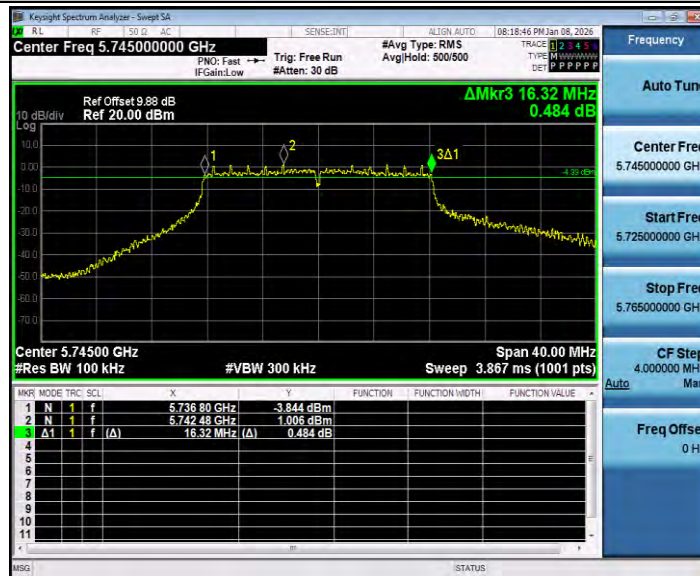
Appendix E.2: Min emission bandwidth

Test Result B4

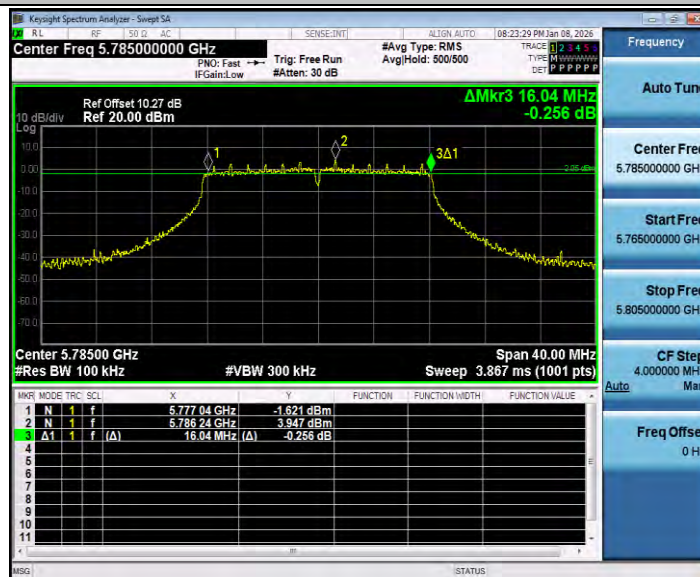
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	16.320	5736.800	5753.120	0.5	PASS
		5785	16.040	5777.040	5793.080	0.5	PASS
		5825	16.000	5816.840	5832.840	0.5	PASS
11N20SISO	Ant0	5745	16.920	5736.560	5753.480	0.5	PASS
		5785	17.520	5776.200	5793.720	0.5	PASS
		5825	17.280	5816.200	5833.480	0.5	PASS
11N40SISO	Ant0	5755	35.280	5737.400	5772.680	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant0	5745	16.840	5736.520	5753.360	0.5	PASS
		5785	16.120	5777.400	5793.520	0.5	PASS
		5825	17.040	5816.440	5833.480	0.5	PASS
11AC40SISO	Ant0	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC80SISO	Ant0	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant0	5745	18.160	5735.680	5753.840	0.5	PASS
		5785	18.160	5776.080	5794.240	0.5	PASS
		5825	18.480	5815.720	5834.200	0.5	PASS
11AX40SISO	Ant0	5755	35.440	5737.400	5772.840	0.5	PASS
		5795	35.520	5777.400	5812.920	0.5	PASS
11AX80SISO	Ant0	5775	76.160	5737.400	5813.560	0.5	PASS

Test Graphs B4

11A_Ant0_5745



11A_Ant0_5785



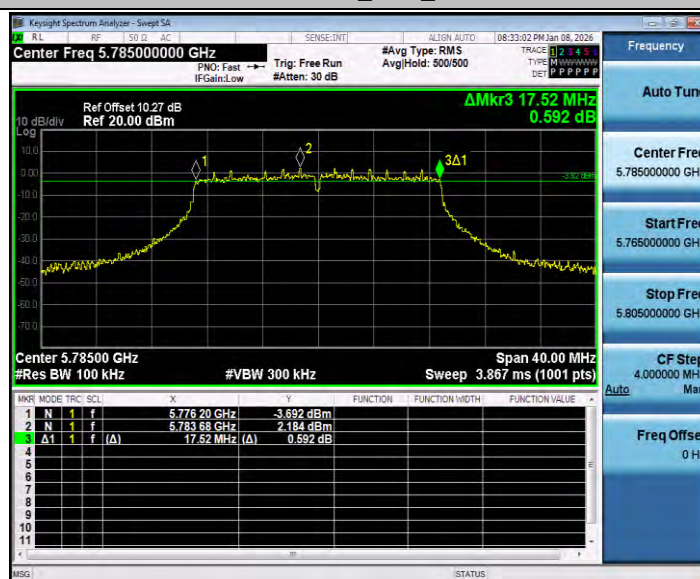
11A_Ant0_5825



11N20SISO_Ant0_5745



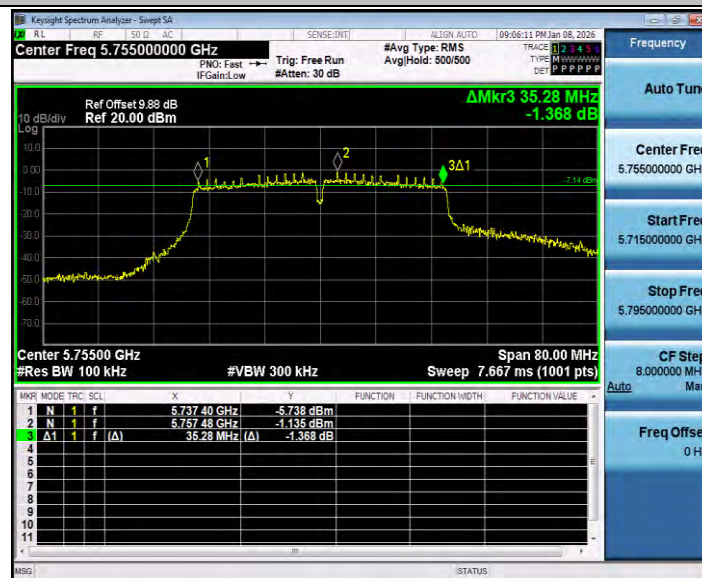
11N20SISO_Ant0_5785



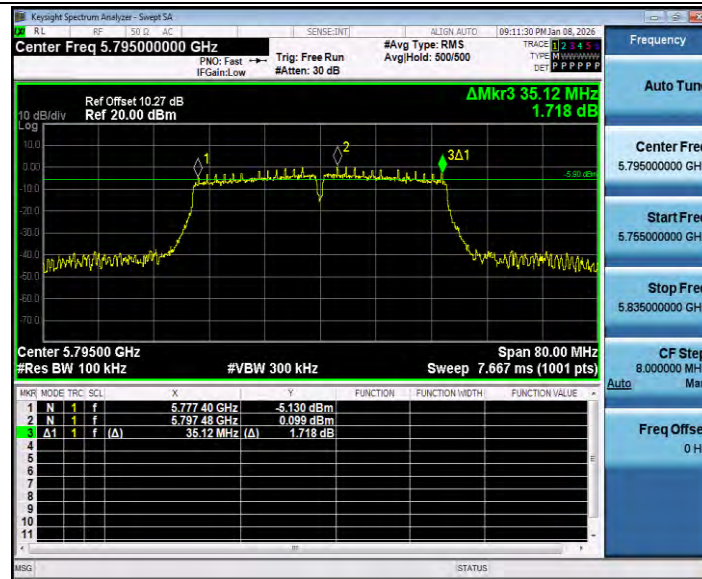
11N20SISO_Ant0_5825



11N40SISO_Ant0_5755



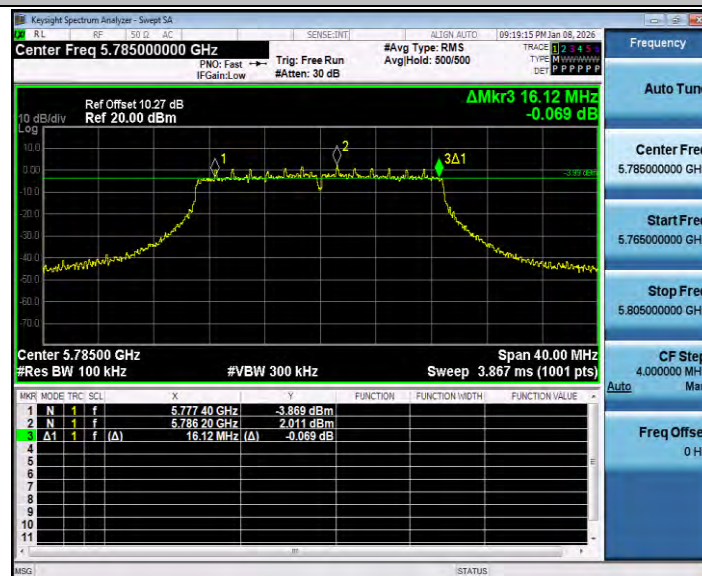
11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745



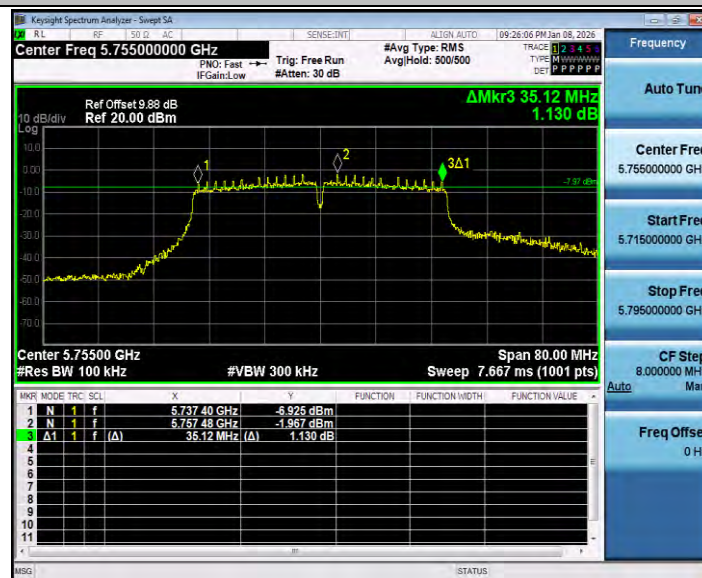
11AC20SISO_Ant0_5785



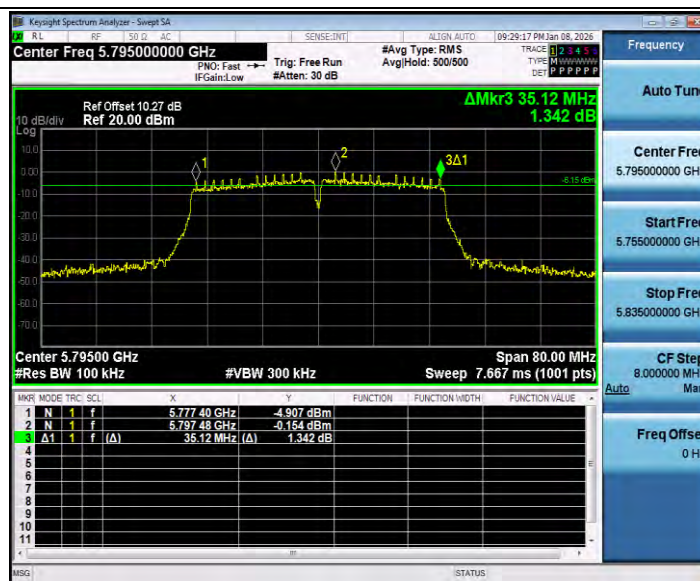
11AC20SISO_Ant0_5825



11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



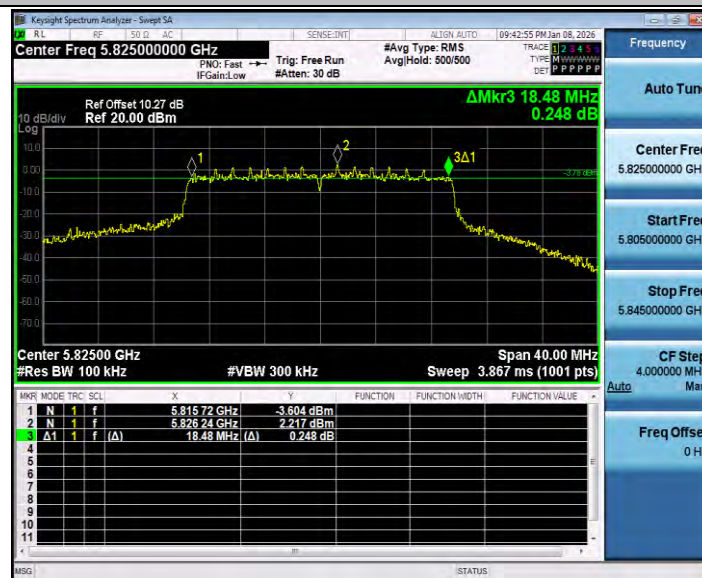
11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



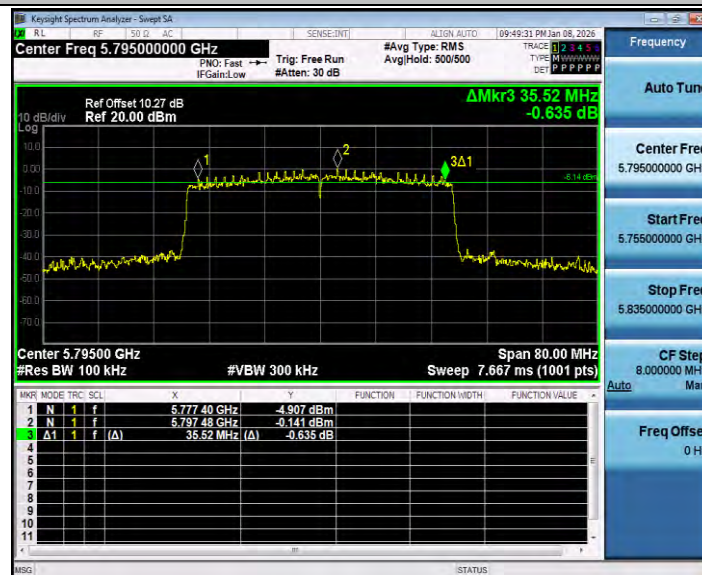
11AX20SISO_Ant0_5825



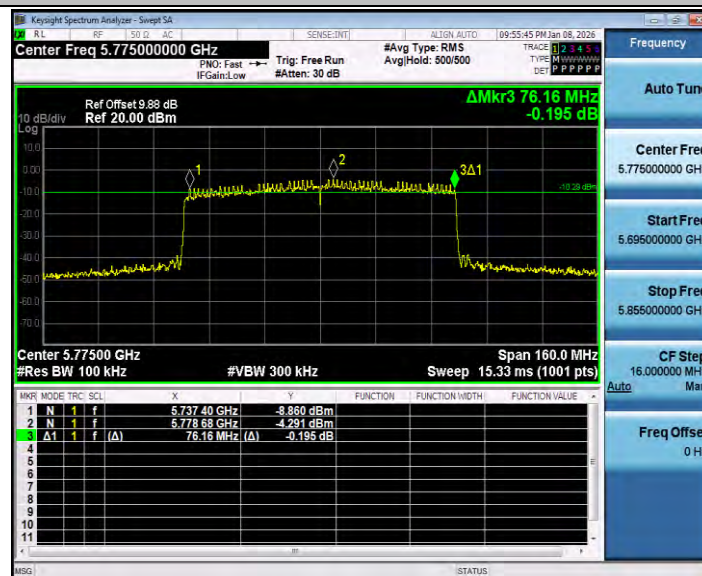
11AX40SISO_Ant0_5755



11AX40ISO_Ant0_5795



11AX80ISO_Ant0_5775

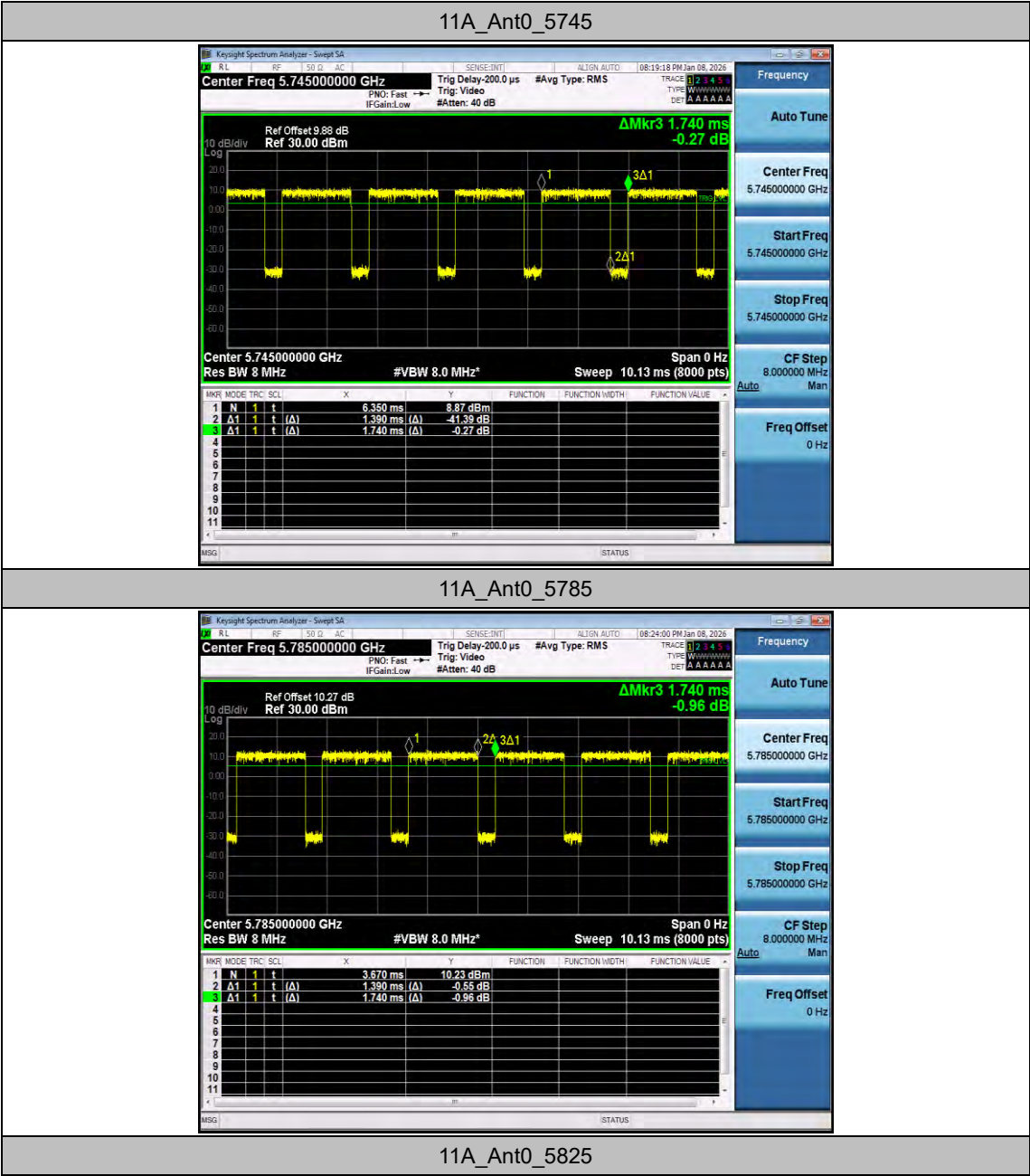


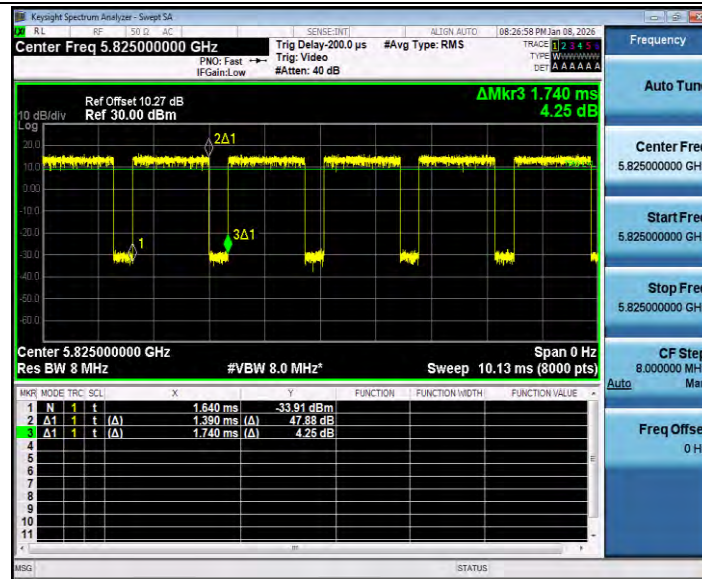
Appendix E.3: Duty Cycle

Test Result

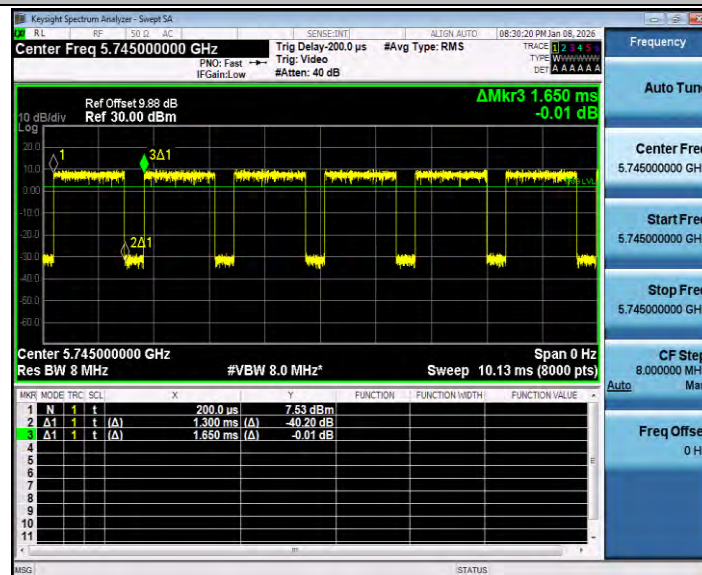
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5745	1.39	1.74	79.89	0.98	0.72
		5785	1.39	1.74	79.89	0.98	0.72
		5825	1.39	1.74	79.89	0.98	0.72
11N20SISO	Ant0	5745	1.30	1.65	78.79	1.04	0.77
		5785	1.30	1.65	78.79	1.04	0.77
		5825	1.30	1.65	78.79	1.04	0.77
11N40SISO	Ant0	5755	0.64	1.00	64.00	1.94	1.56
		5795	0.64	1.00	64.00	1.94	1.56
11AC20SISO	Ant0	5745	0.68	1.04	65.38	1.85	1.47
		5785	0.68	1.04	65.38	1.85	1.47
		5825	0.68	1.03	66.02	1.80	1.47
11AC40SISO	Ant0	5755	0.36	0.71	50.70	2.95	2.78
		5795	0.35	0.71	49.30	3.07	2.86
11AC80SISO	Ant0	5775	0.19	0.52	36.54	4.37	5.26
11AX20SISO	Ant0	5745	0.20	0.53	37.74	4.23	5.00
		5785	0.20	0.52	38.46	4.15	5.00
		5825	0.20	0.53	37.74	4.23	5.00
11AX40SISO	Ant0	5755	0.20	0.53	37.74	4.23	5.00
		5795	0.21	0.53	39.62	4.02	4.76
11AX80SISO	Ant0	5775	0.19	0.55	34.55	4.62	5.26

Test Graphs

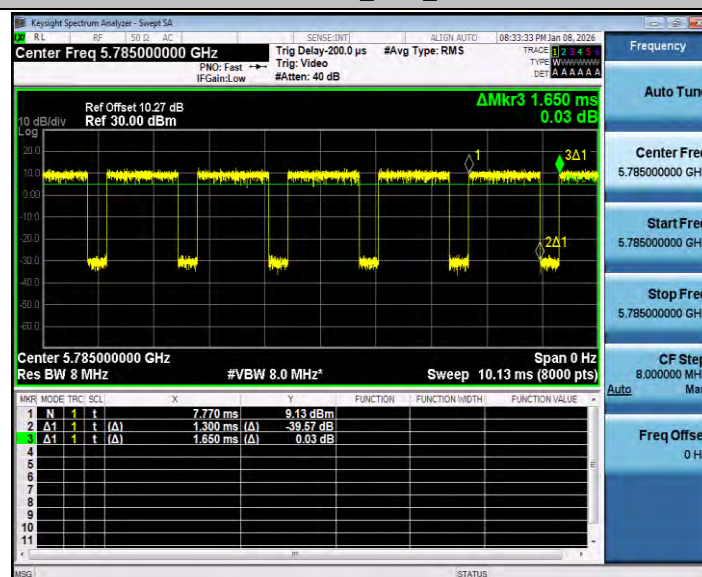




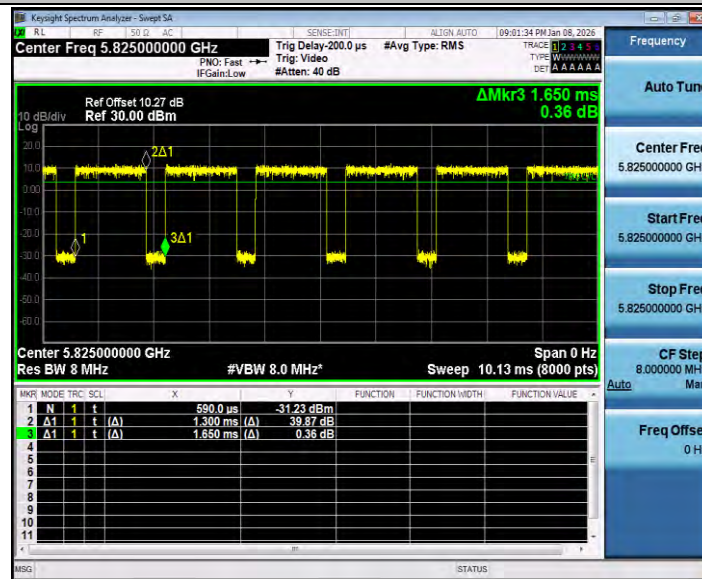
11N20SISO_Ant0_5745



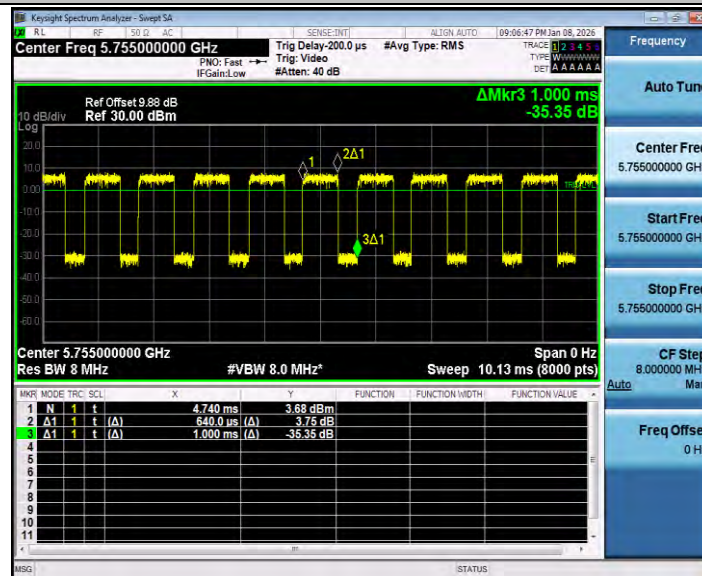
11N20SISO_Ant0_5785



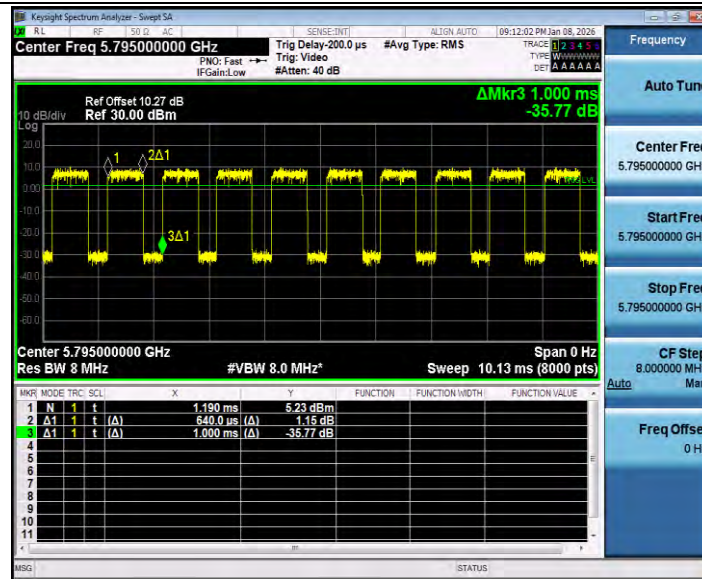
11N20SISO_Ant0_5825



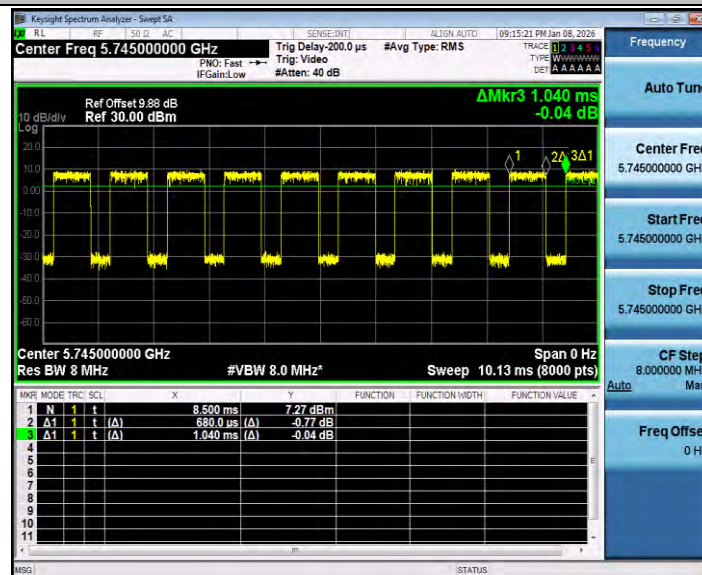
11N40SISO_Ant0_5755



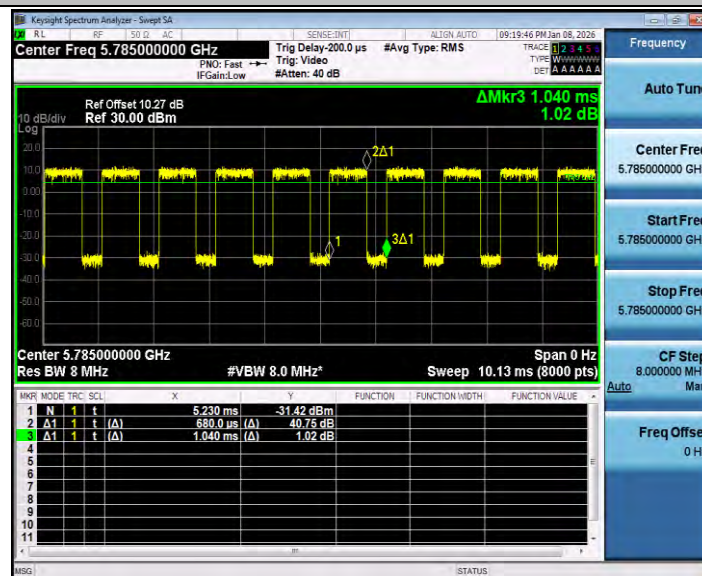
11N40SISO_Ant0_5795



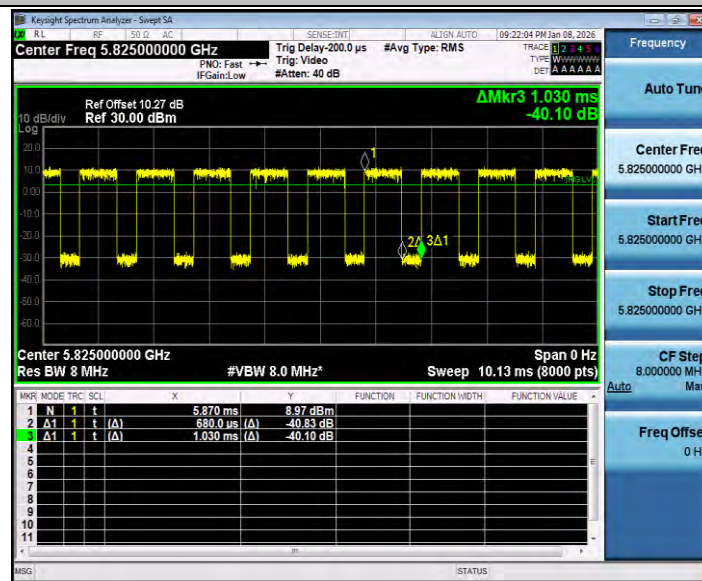
11AC20SISO_Ant0_5745



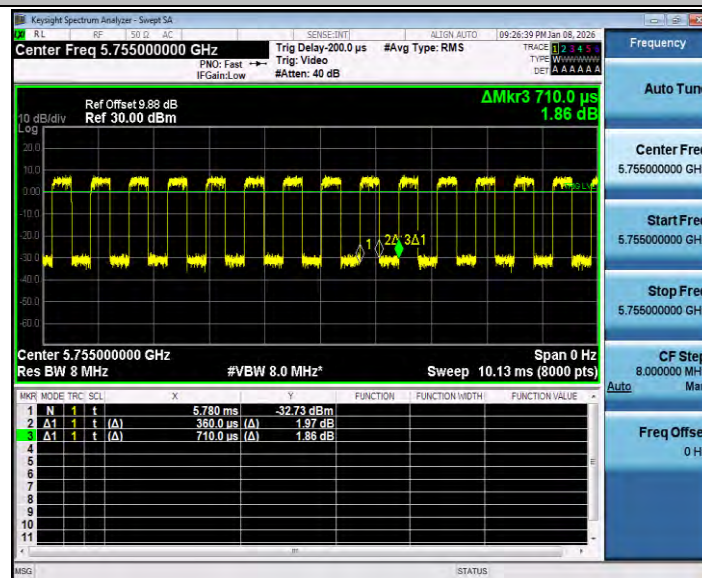
11AC20SISO_Ant0_5785



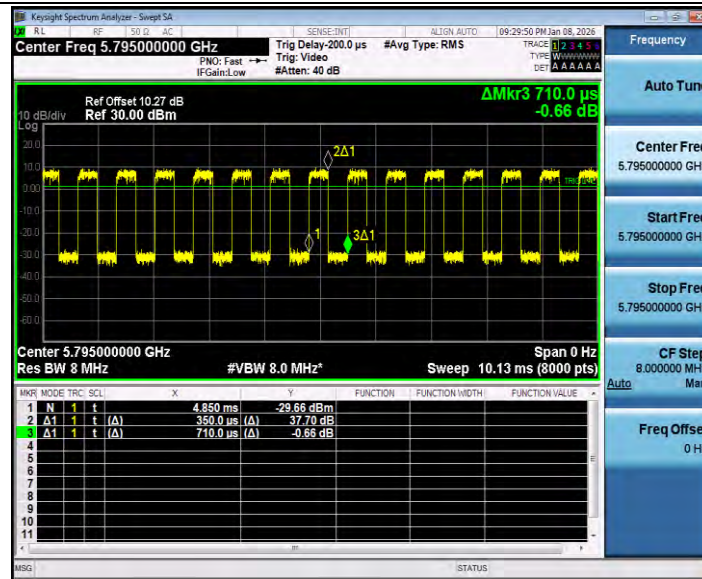
11AC20SISO_Ant0_5825



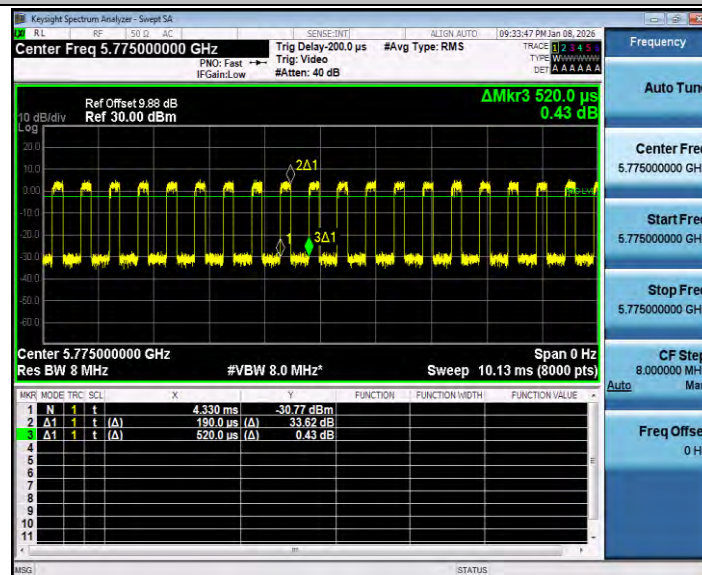
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



11AX20SISO_Ant0_5745

