

Case No. : <u>CTA24103100101</u>	
Ambient Condition: <u>23</u> °C, <u>54</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2024.9.11</u>	Test Engineer: <u>Lushan Kong</u>

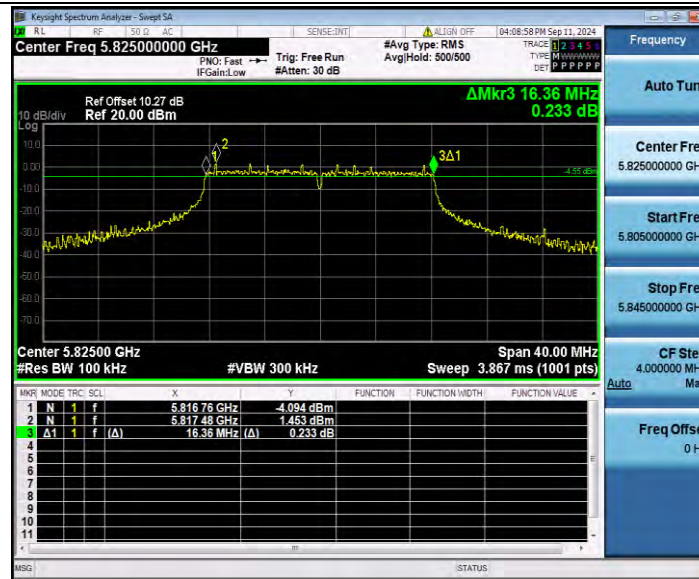
Appendix G.1: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.400	5736.760	5753.160	0.5	PASS
		5785	16.400	5776.760	5793.160	0.5	PASS
		5825	16.360	5816.760	5833.120	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.120	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	76.320	5736.760	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	19.000	5735.440	5754.440	0.5	PASS
		5785	19.040	5775.440	5794.480	0.5	PASS
		5825	18.920	5815.480	5834.400	0.5	PASS
11AX40SISO	Ant1	5755	37.920	5735.960	5773.880	0.5	PASS
		5795	38.000	5776.040	5814.040	0.5	PASS
11AX80SISO	Ant1	5775	77.920	5735.960	5813.880	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



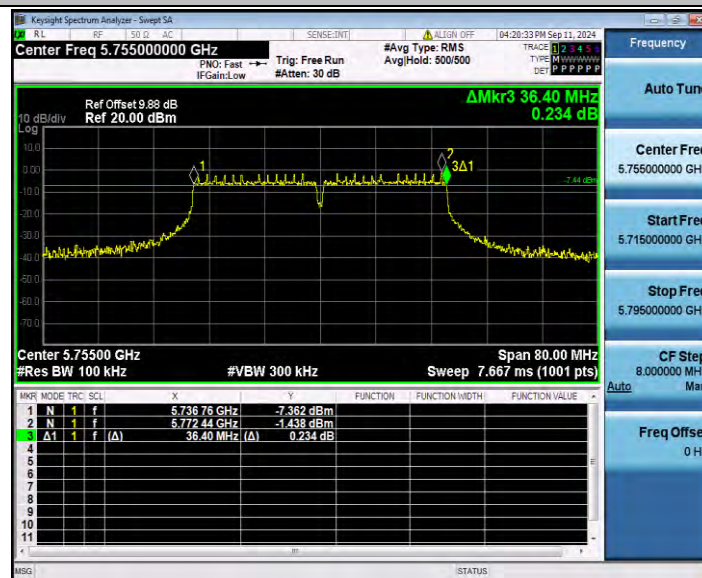
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



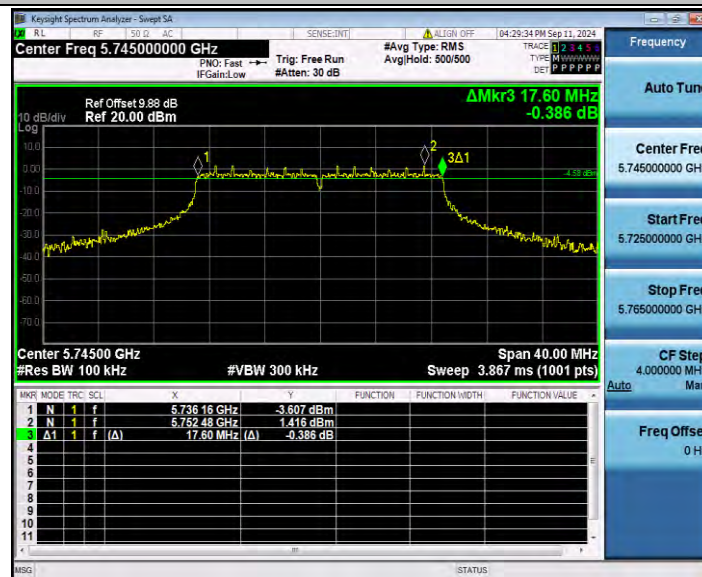
11N40SISO_Ant1_5755



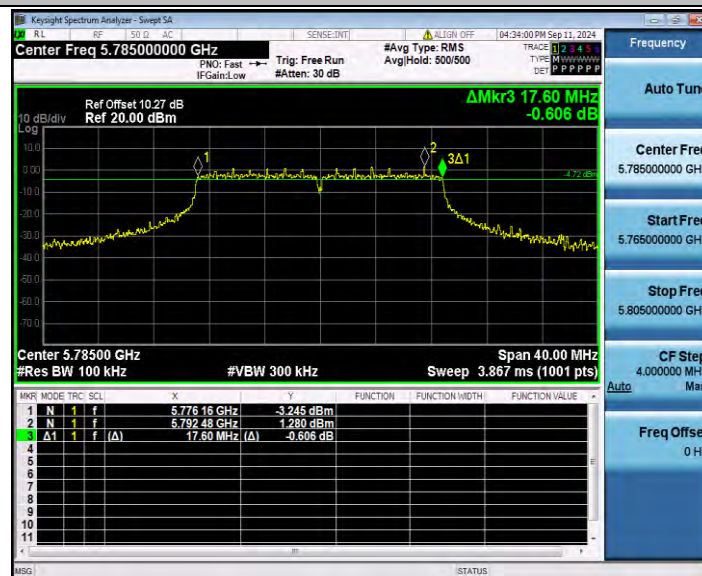
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



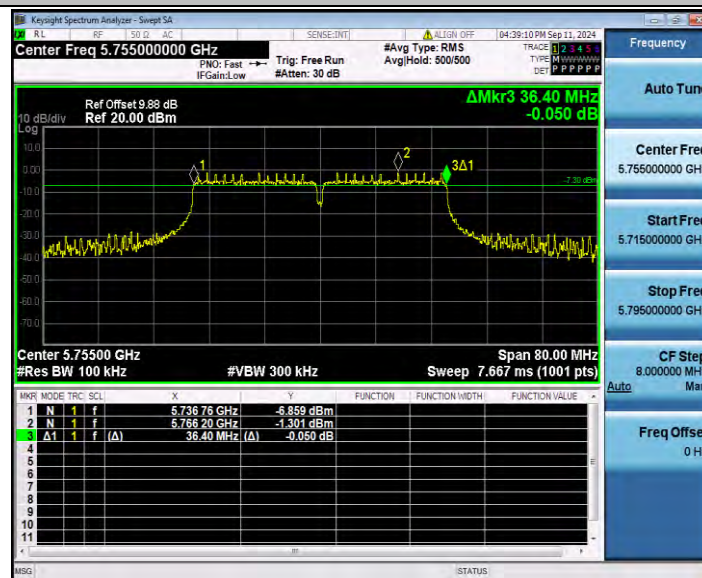
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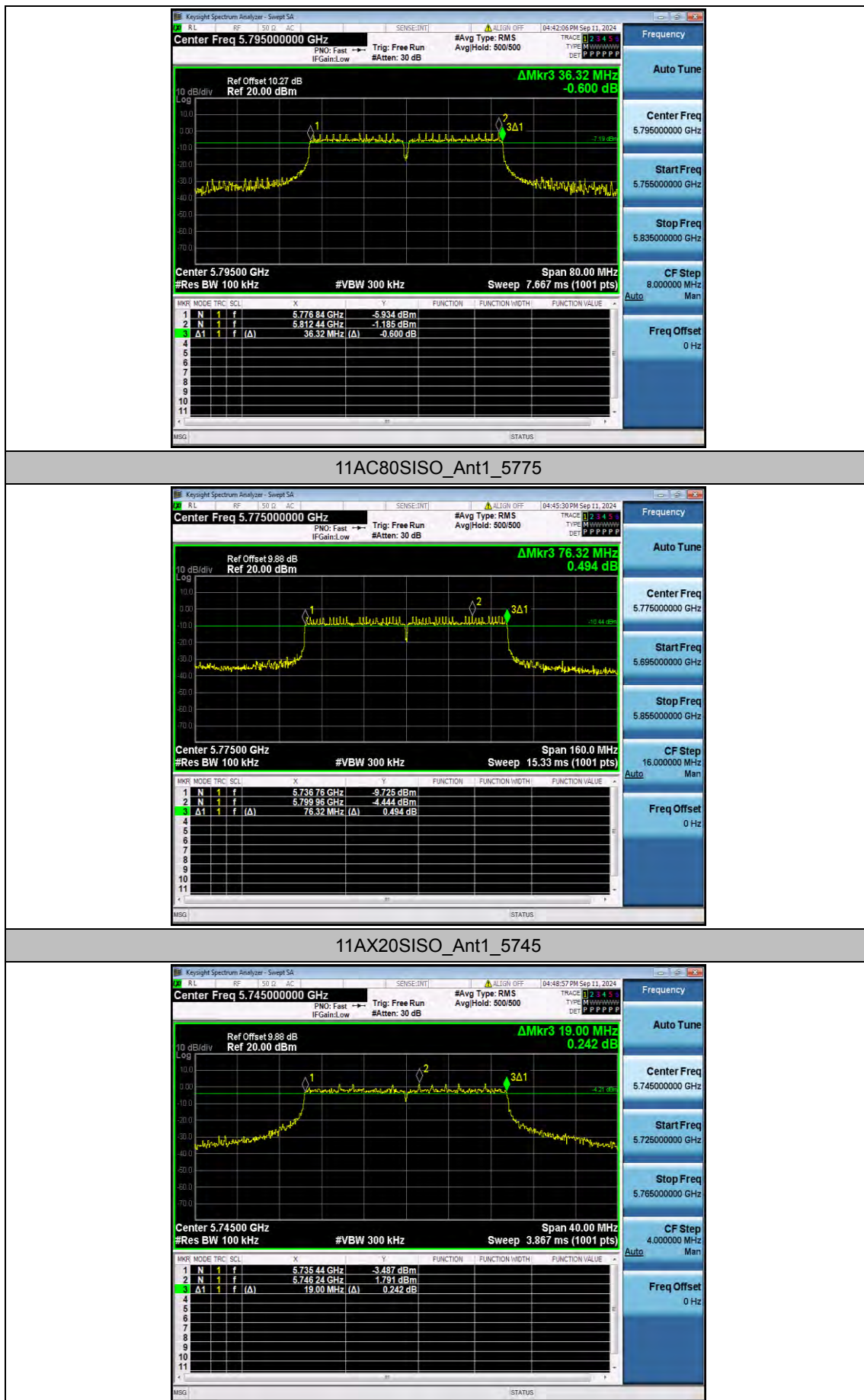
11AC20SISO_Ant1_5825

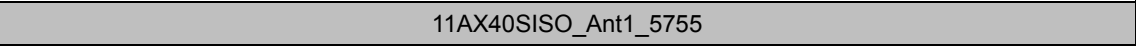
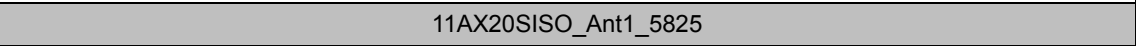


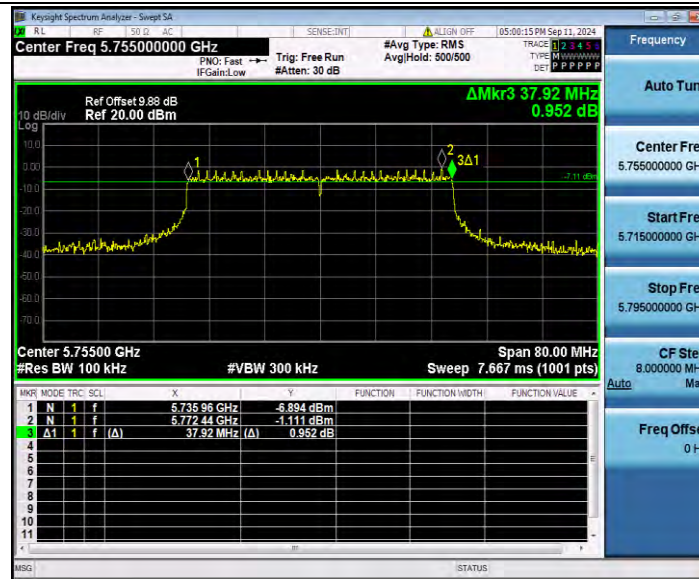
11AC40SISO_Ant1_5755



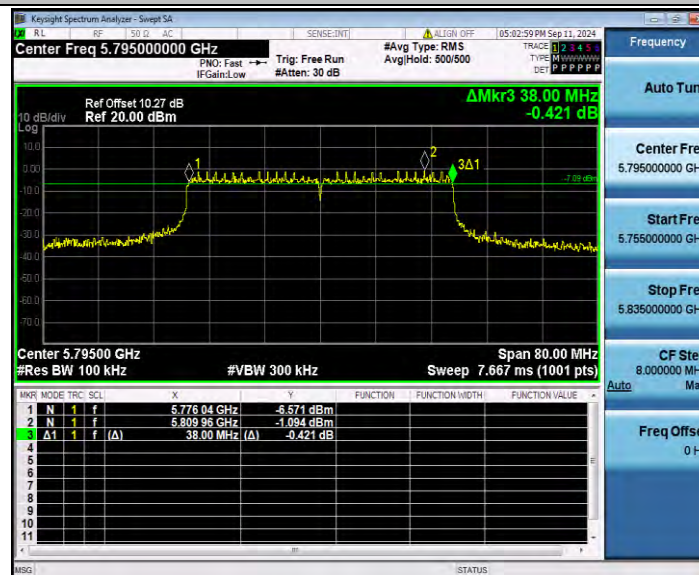
11AC40SISO_Ant1_5795



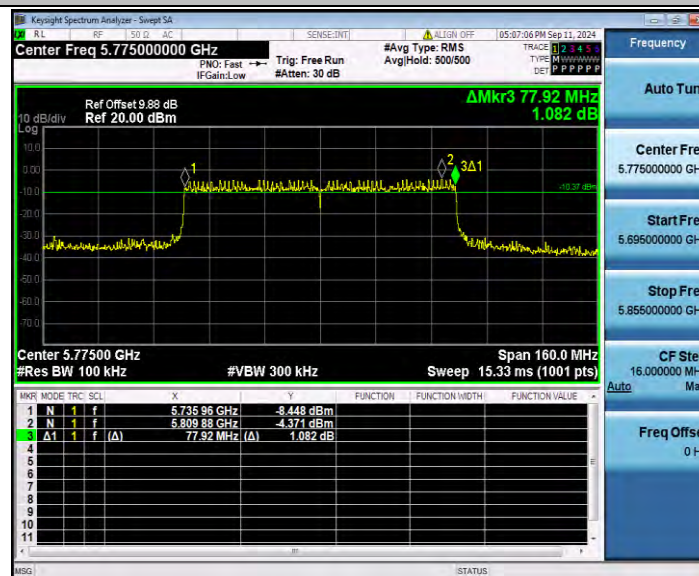




11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



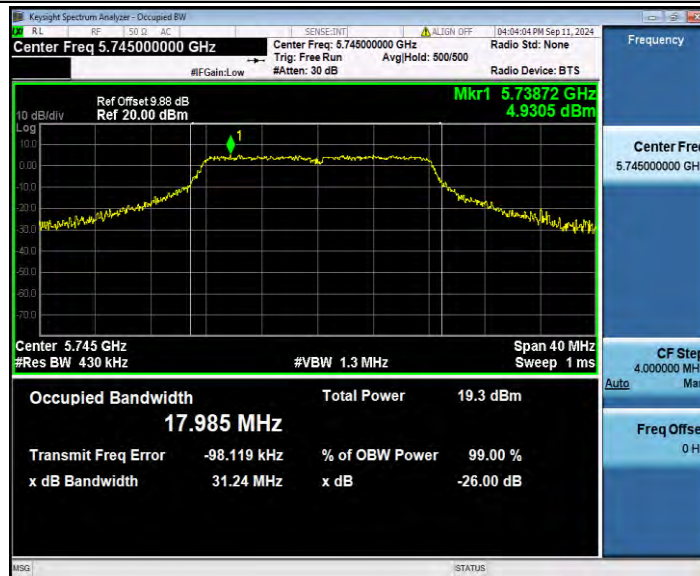
Appendix G.2: Occupied channel bandwidth

Test Result

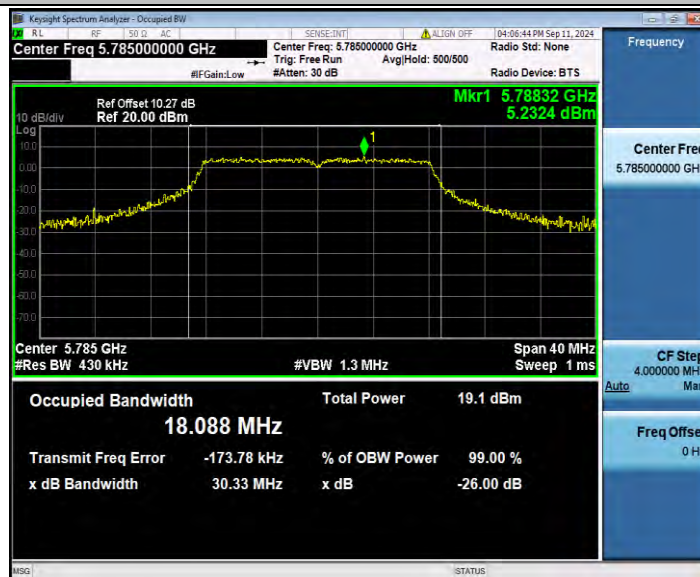
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.985	5735.9094	5753.8944	---	---
		5785	18.088	5775.7822	5793.8702	---	---
		5825	17.881	5815.8790	5833.7600	---	---
11N20SISO	Ant1	5745	19.070	5735.4240	5754.4940	---	---
		5785	19.158	5775.3517	5794.5097	---	---
		5825	19.007	5815.3526	5834.3596	---	---
11N40SISO	Ant1	5755	37.716	5736.1541	5773.8701	---	---
		5795	37.720	5776.1651	5813.8851	---	---
11AC20SISO	Ant1	5745	19.021	5735.4883	5754.5093	---	---
		5785	19.107	5775.3295	5794.4365	---	---
		5825	18.983	5815.3918	5834.3748	---	---
11AC40SISO	Ant1	5755	37.713	5736.1724	5773.8854	---	---
		5795	37.879	5776.0521	5813.9311	---	---
11AC80SISO	Ant1	5775	77.582	5736.1983	5813.7803	---	---
11AX20SISO	Ant1	5745	19.689	5735.1478	5754.8368	---	---
		5785	19.697	5775.1459	5794.8429	---	---
		5825	19.578	5815.1732	5834.7512	---	---
11AX40SISO	Ant1	5755	38.605	5735.6483	5774.2533	---	---
		5795	38.804	5775.5668	5814.3708	---	---
11AX80SISO	Ant1	5775	78.537	5735.7442	5814.2812	---	---

Test Graphs

11A_Ant1_5745



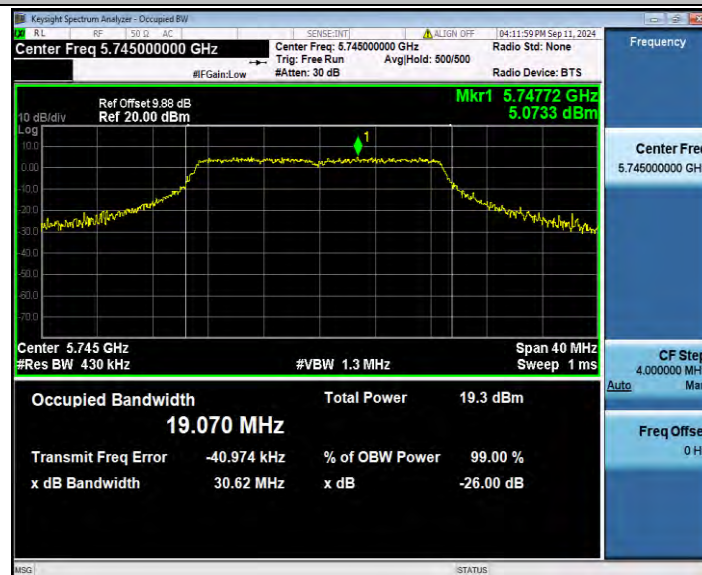
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



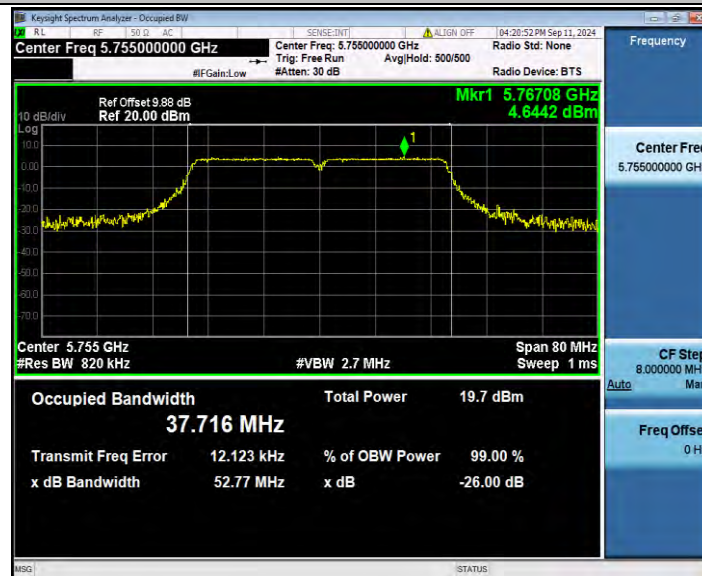
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



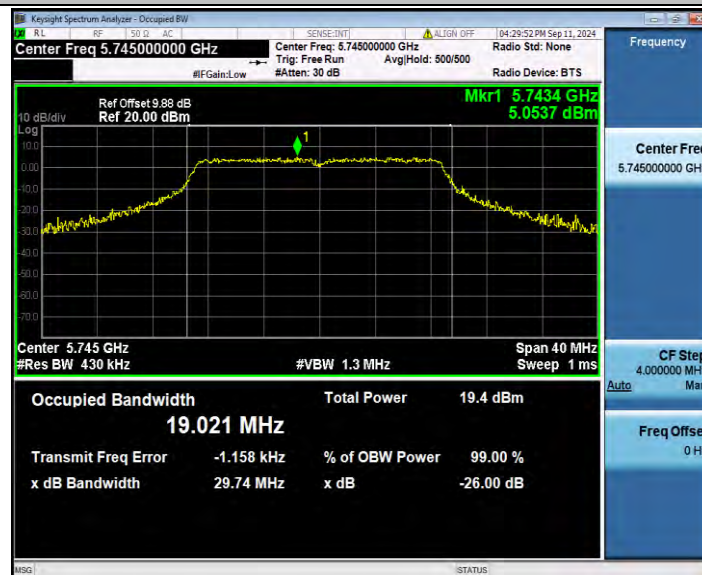
11N40SISO_Ant1_5755



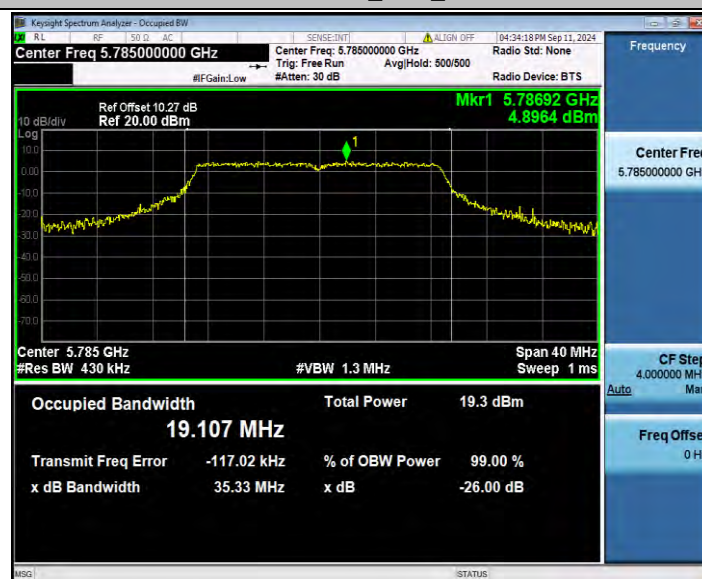
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



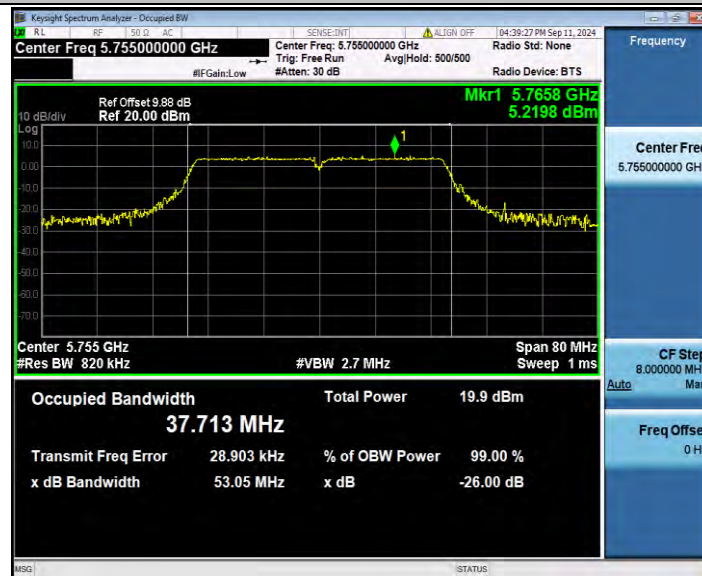
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



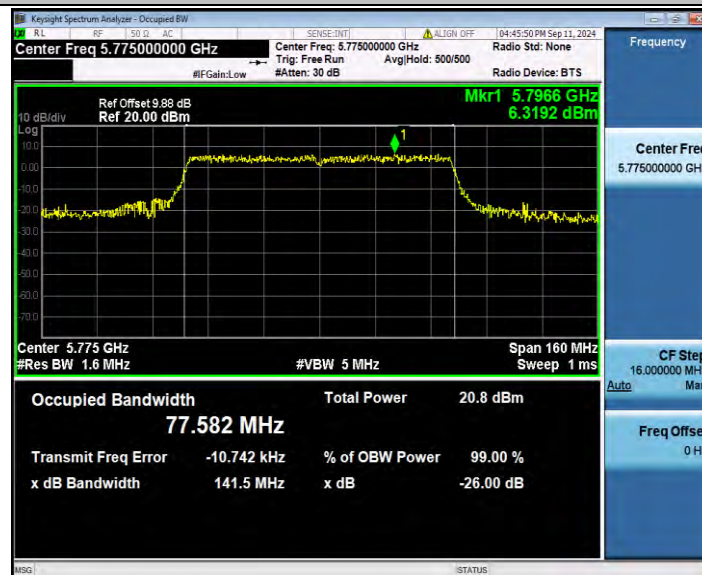
11AC40SISO_Ant1_5755



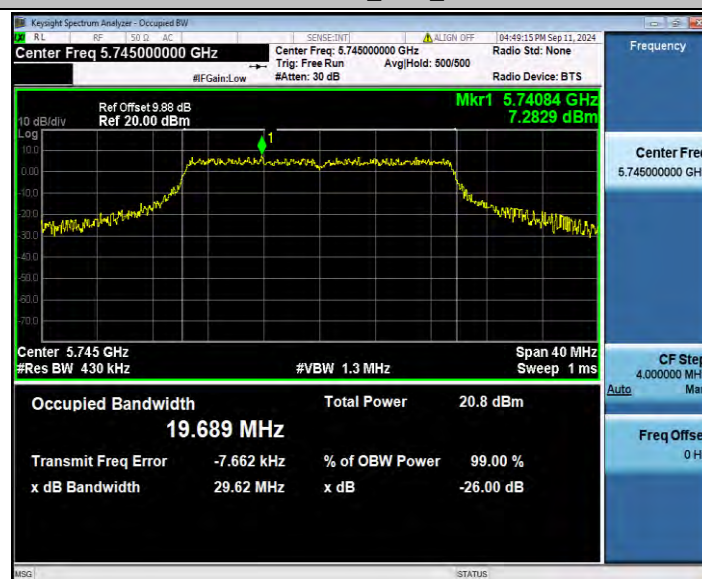
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



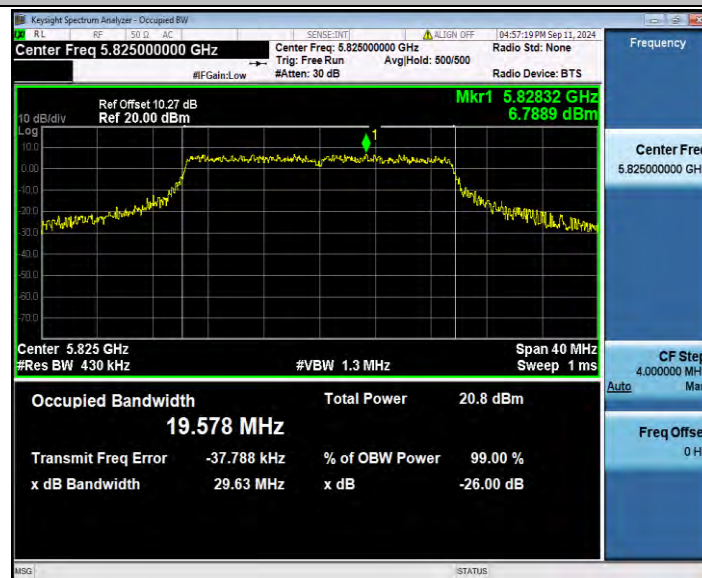
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



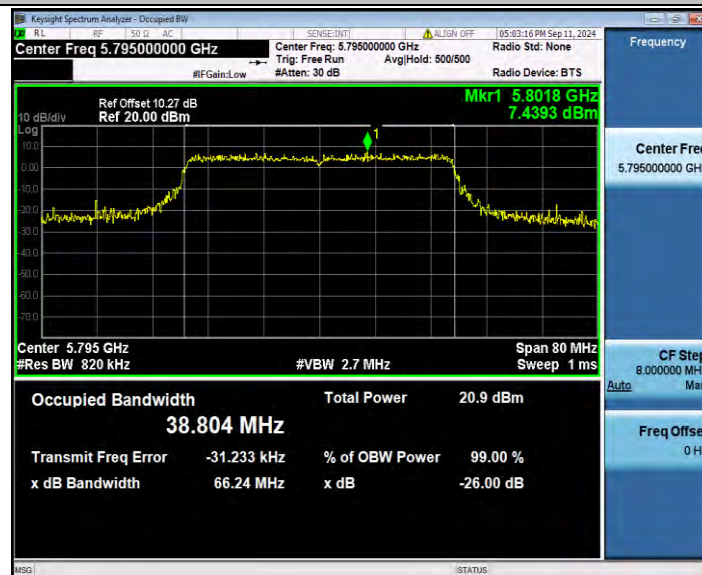
11AX20SISO_Ant1_5825



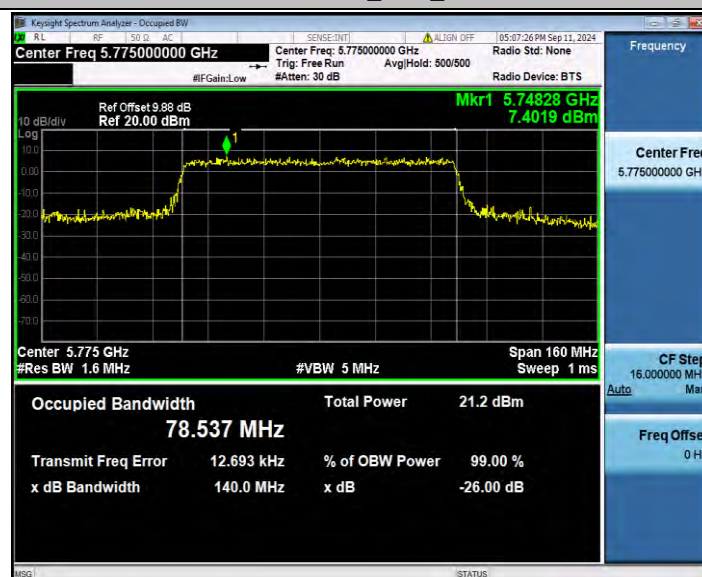
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



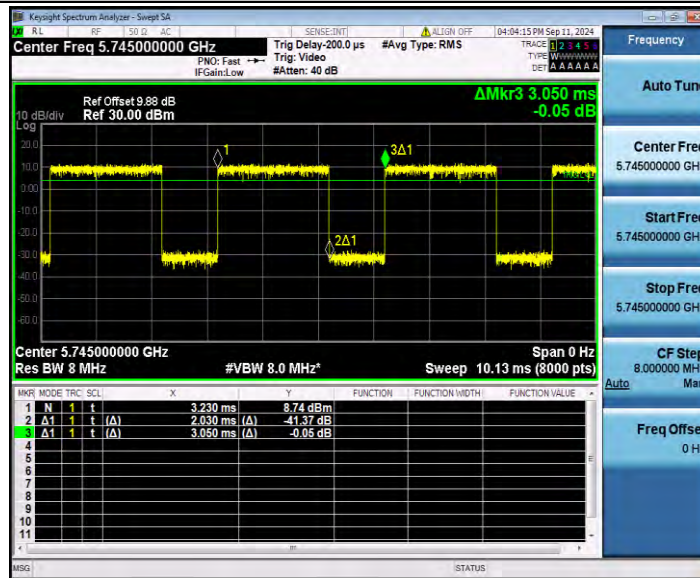
Appendix G.3: Duty Cycle

Test Result

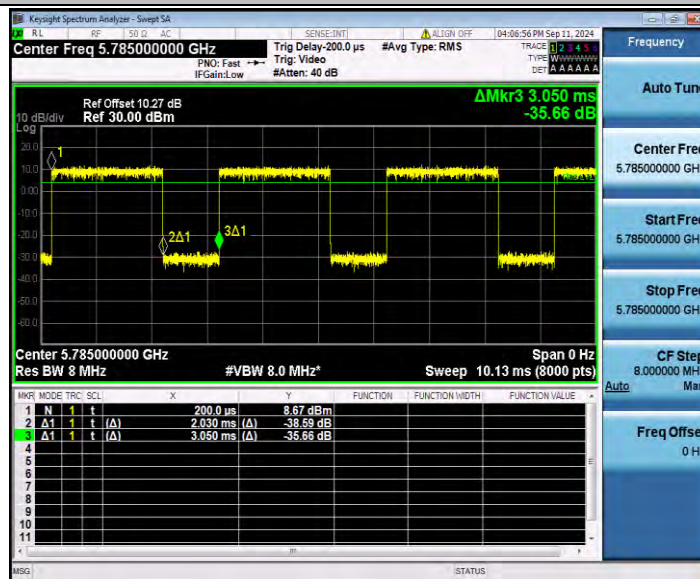
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.03	3.05	66.56	1.77	0.49
		5785	2.03	3.05	66.56	1.77	0.49
		5825	2.03	3.05	66.56	1.77	0.49
11N20SISO	Ant1	5745	1.89	2.91	64.95	1.87	0.53
		5785	1.89	2.91	64.95	1.87	0.53
		5825	1.89	2.92	64.73	1.89	0.53
11N40SISO	Ant1	5755	0.93	1.95	47.69	3.22	1.08
		5795	0.94	1.96	47.96	3.19	1.06
11AC20SISO	Ant1	5745	1.90	2.92	65.07	1.87	0.53
		5785	1.90	2.93	64.85	1.88	0.53
		5825	1.90	2.92	65.07	1.87	0.53
11AC40SISO	Ant1	5755	0.93	1.95	47.69	3.22	1.08
		5795	0.93	1.96	47.45	3.24	1.08
11AC80SISO	Ant1	5775	0.46	1.48	31.08	5.08	2.17
11AX20SISO	Ant1	5745	1.46	2.48	58.87	2.30	0.68
		5785	1.46	2.48	58.87	2.30	0.68
		5825	1.46	2.48	58.87	2.30	0.68
11AX40SISO	Ant1	5755	0.76	1.78	42.70	3.70	1.32
		5795	0.76	1.78	42.70	3.70	1.32
11AX80SISO	Ant1	5775	0.39	1.41	27.66	5.58	2.56

Test Graphs

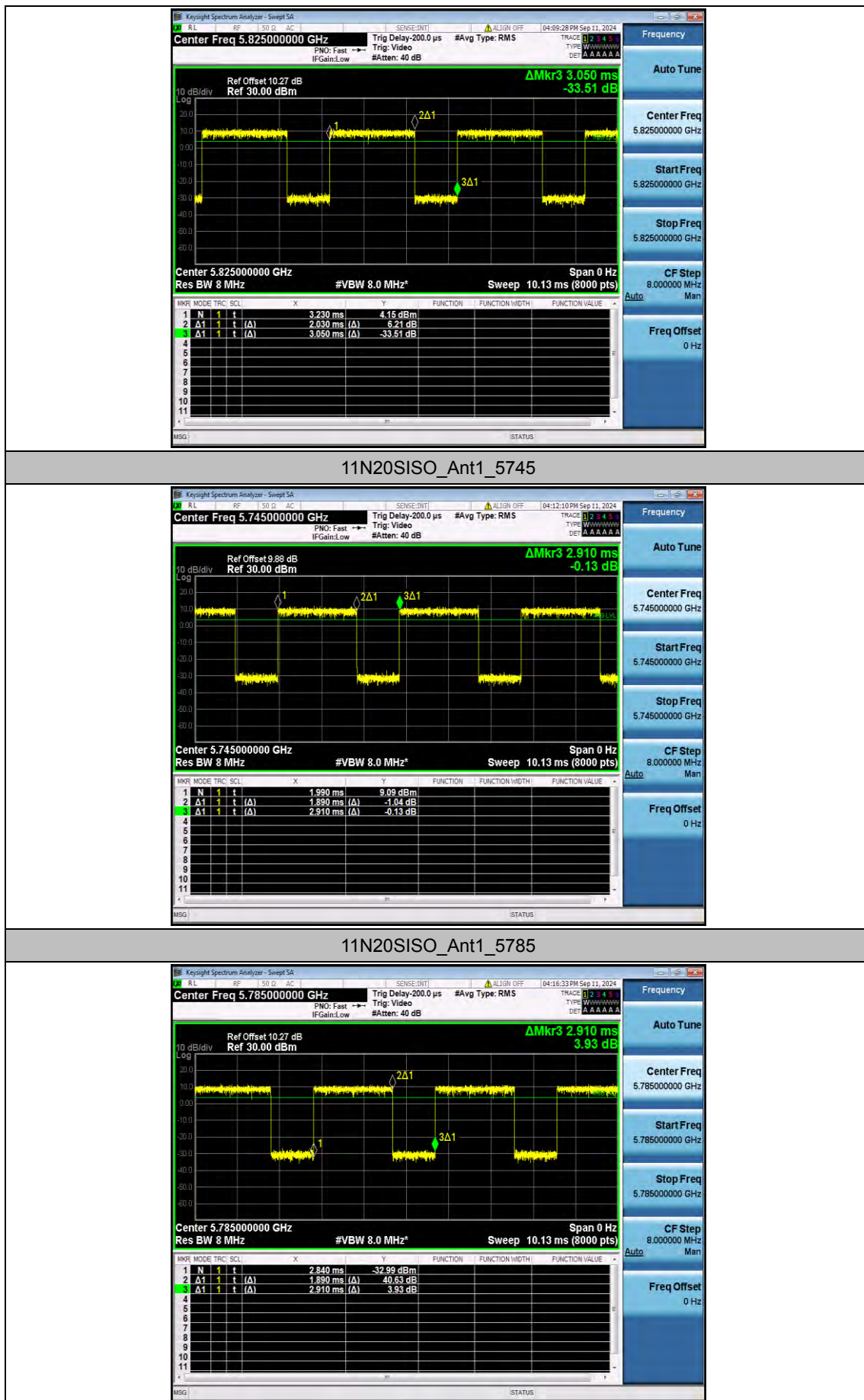
11A_Ant1_5745



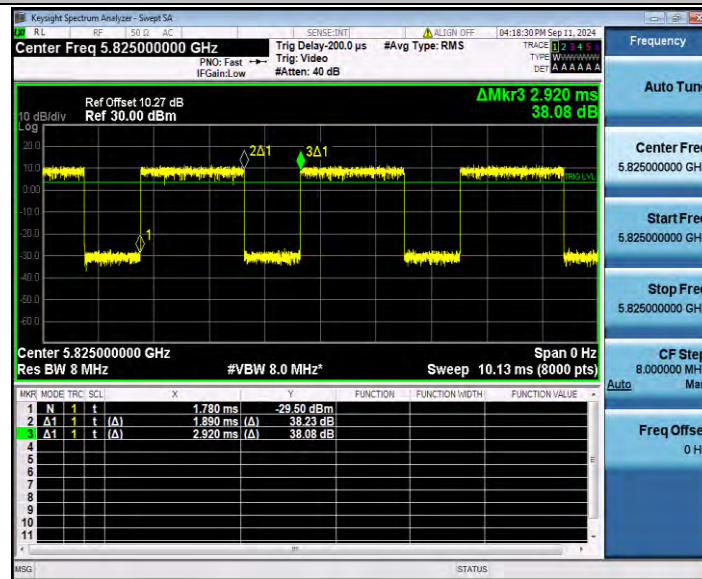
11A_Ant1_5785



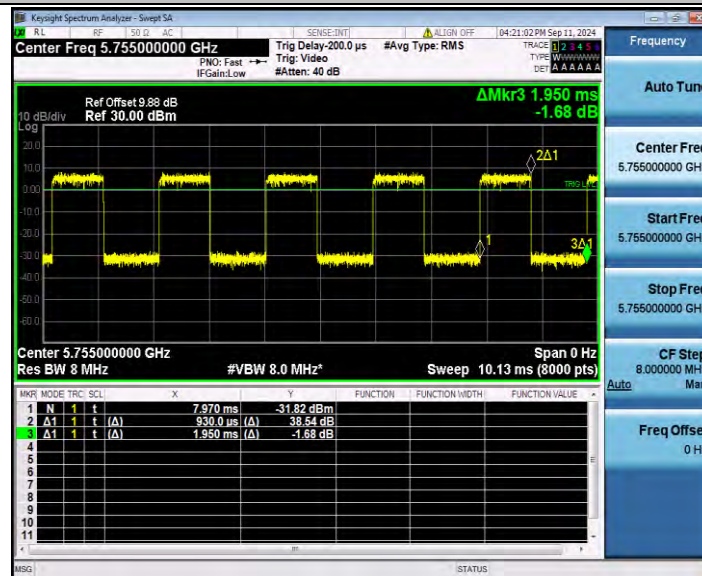
11A_Ant1_5825



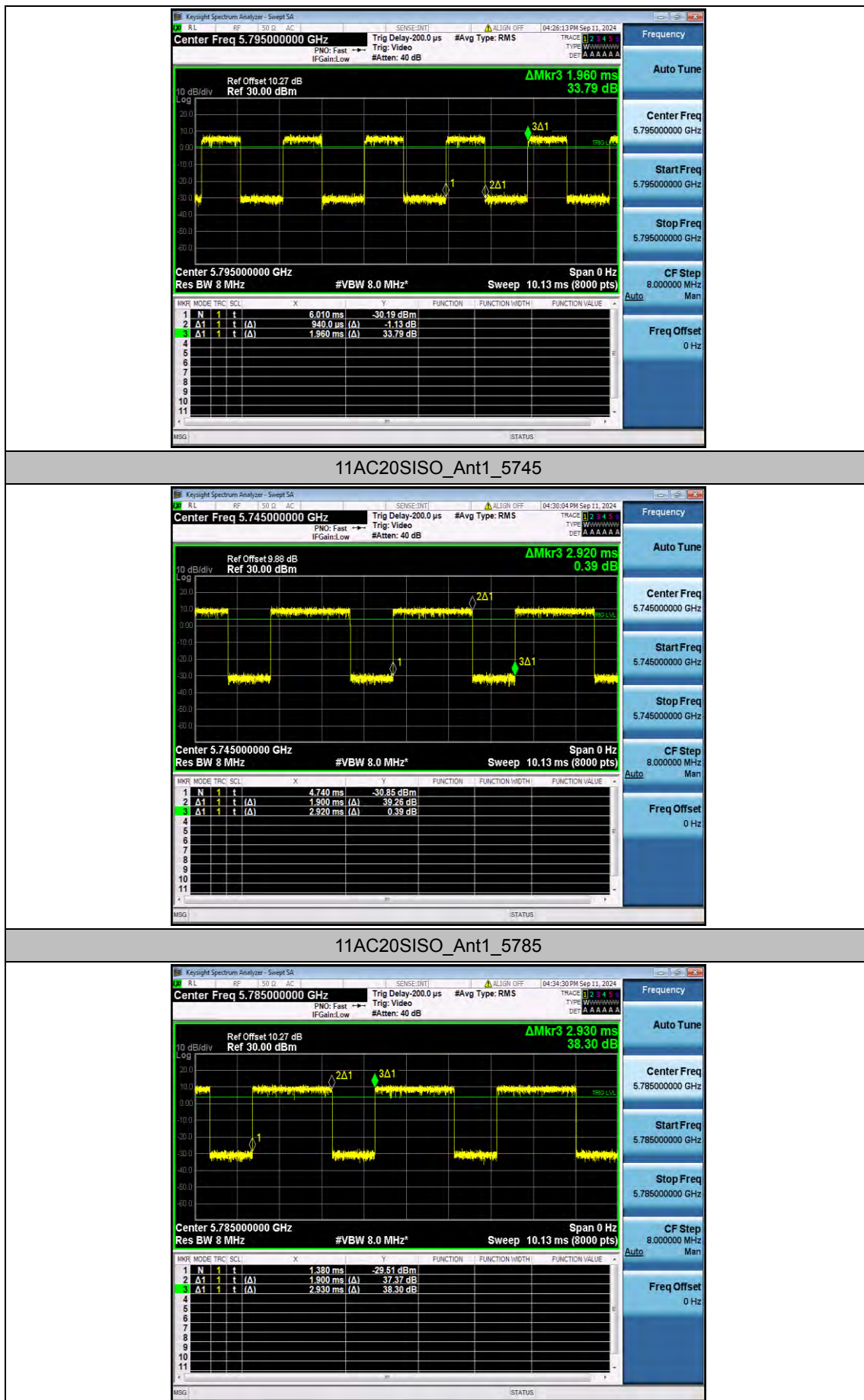
11N20SISO_Ant1_5825

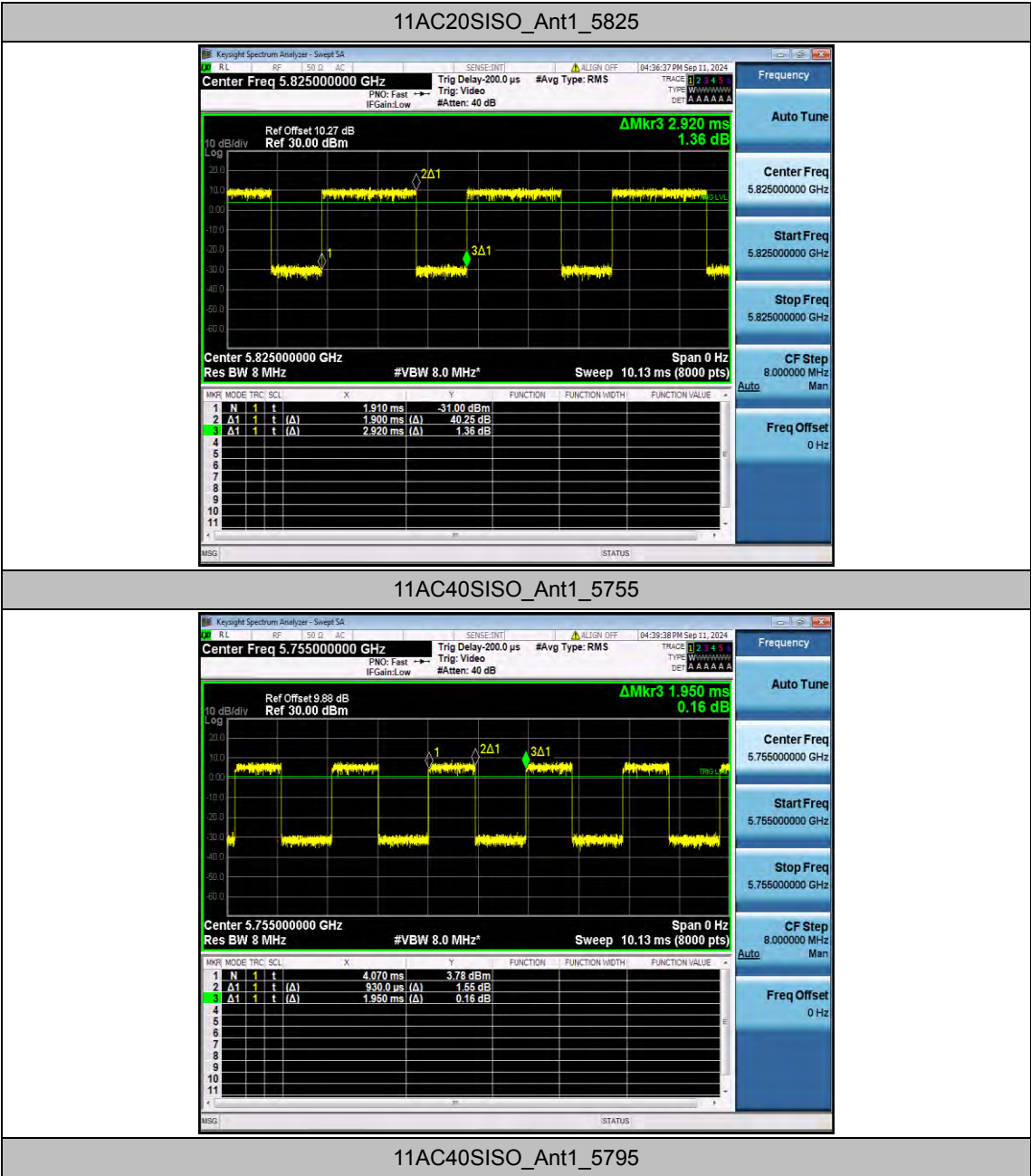


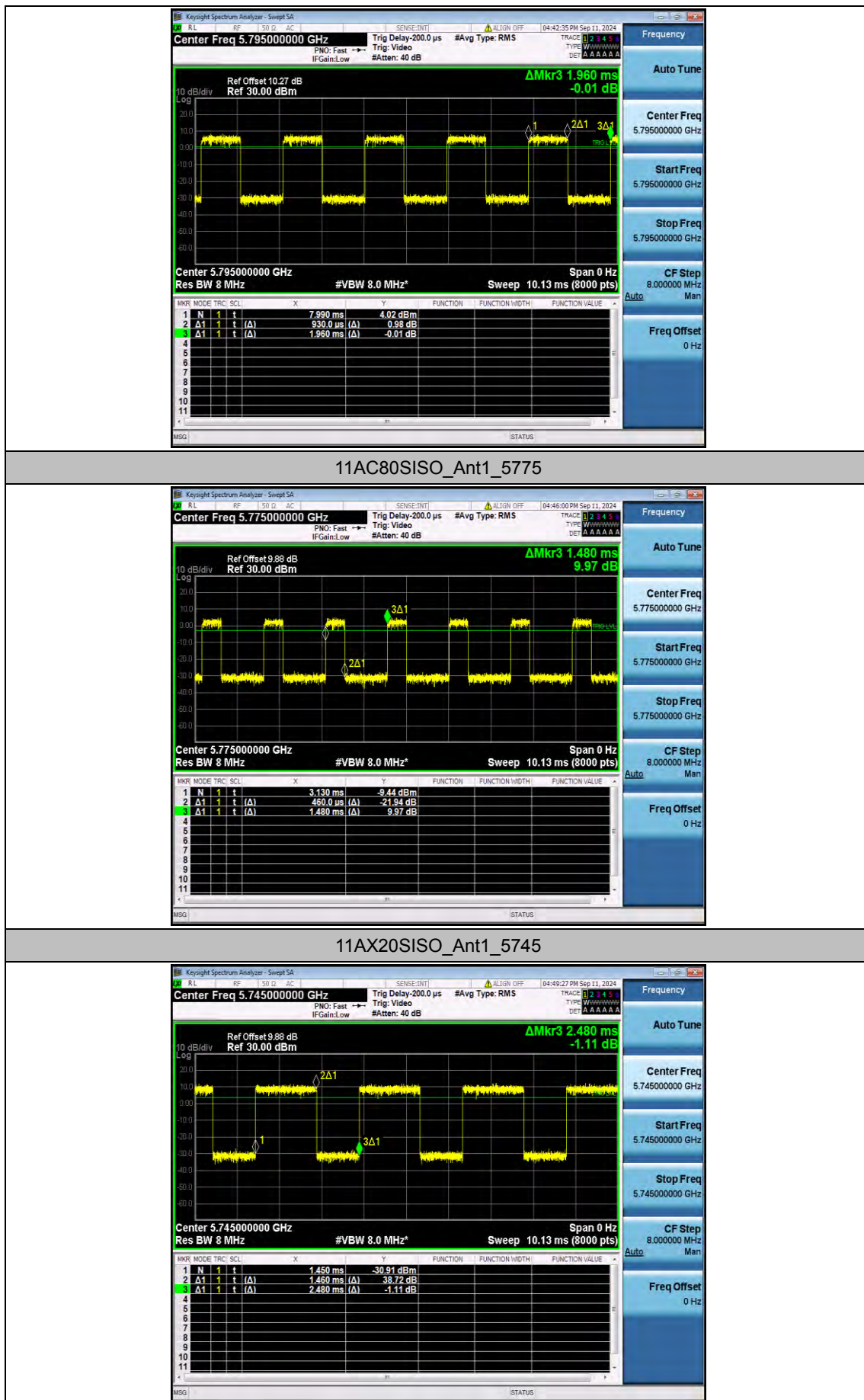
11N40SISO_Ant1_5755

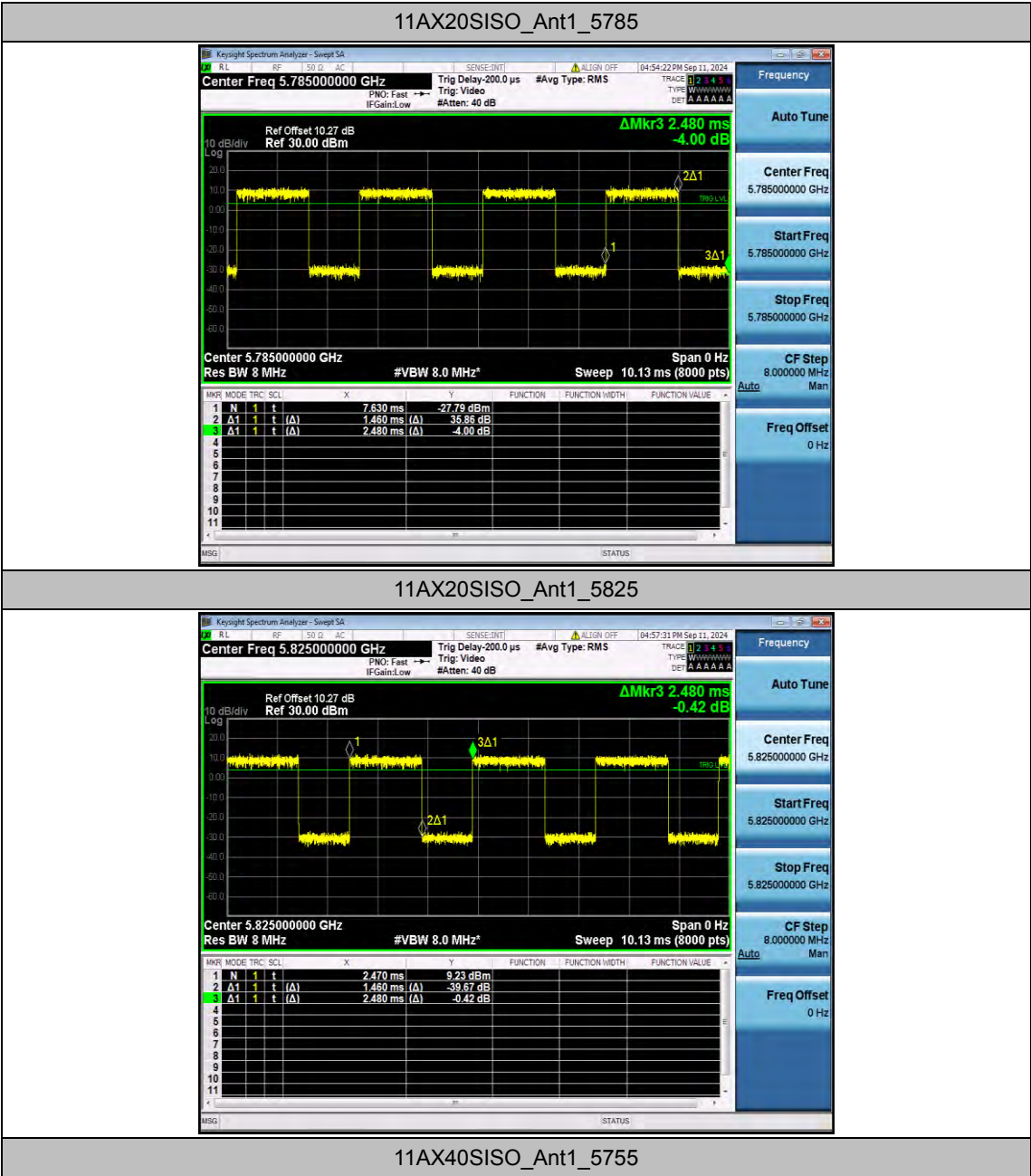


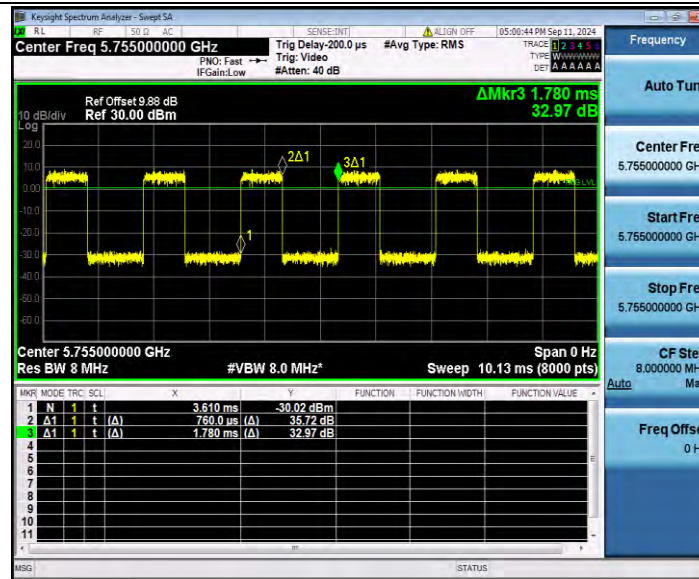
11N40SISO_Ant1_5795



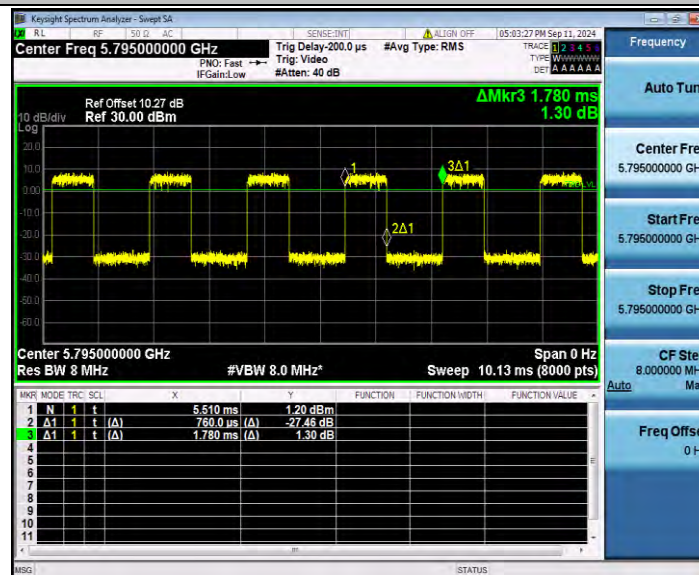








11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

