

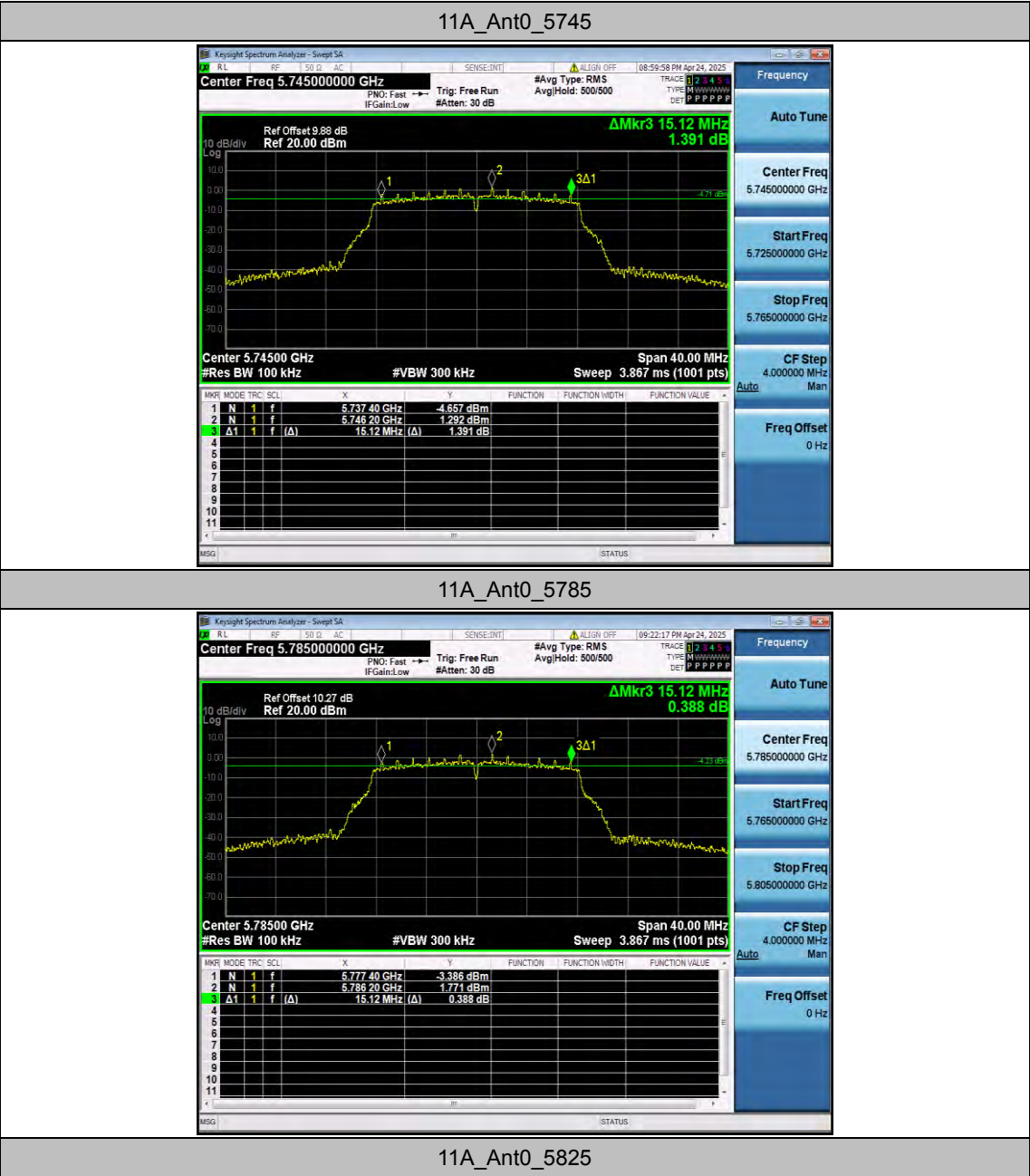
Case No. : <u>GTS20250225016-1-08</u>	
Ambient Condition: <u>21</u> °C, <u>47</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.24</u>	Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Min emission bandwidth

Test Result B4

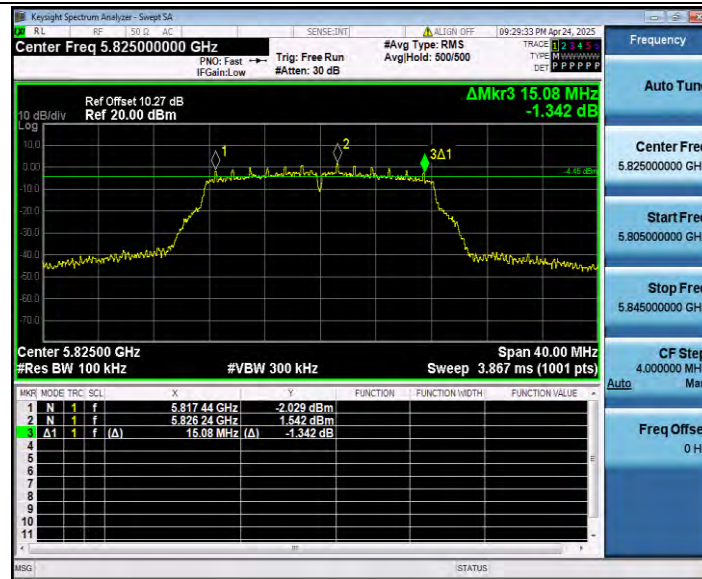
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	15.120	5737.400	5752.520	0.5	PASS
		5785	15.120	5777.400	5792.520	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11N20SISO	Ant0	5745	15.120	5737.400	5752.520	0.5	PASS
		5785	15.120	5777.400	5792.520	0.5	PASS
		5825	15.080	5817.400	5832.480	0.5	PASS
11N40SISO	Ant0	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant0	5745	15.120	5737.400	5752.520	0.5	PASS
		5785	15.120	5777.400	5792.520	0.5	PASS
		5825	15.120	5817.400	5832.520	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	75.040	5737.400	5812.440	0.5	PASS
11AX20SISO	Ant0	5745	15.120	5737.400	5752.520	0.5	PASS
		5785	15.080	5777.440	5792.520	0.5	PASS
		5825	15.120	5817.400	5832.520	0.5	PASS
11AX40SISO	Ant0	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	34.960	5777.480	5812.440	0.5	PASS
11AX80SISO	Ant0	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

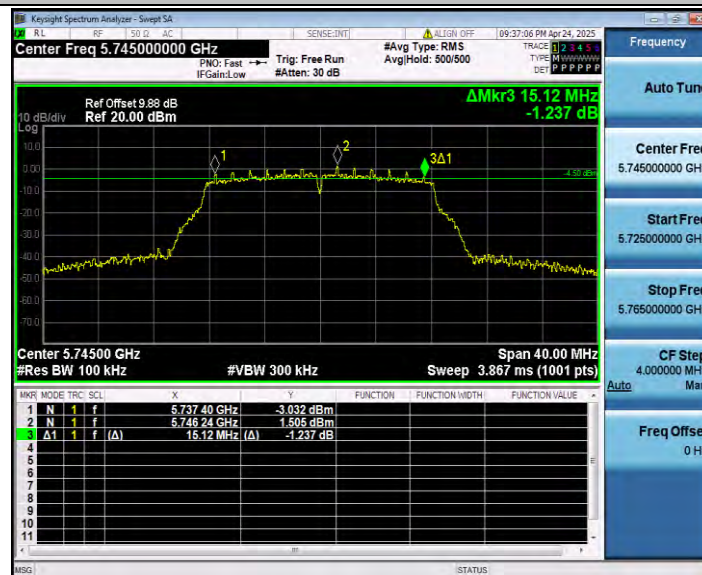


11A_Ant0_5785

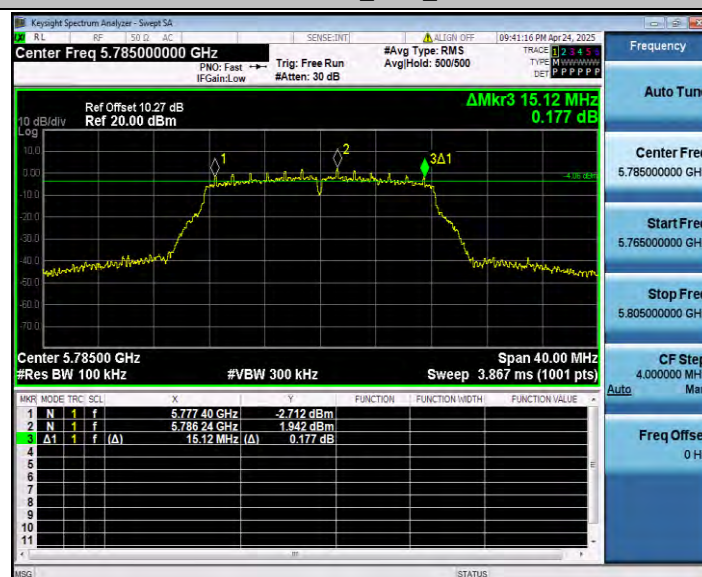
11A_Ant0_5825



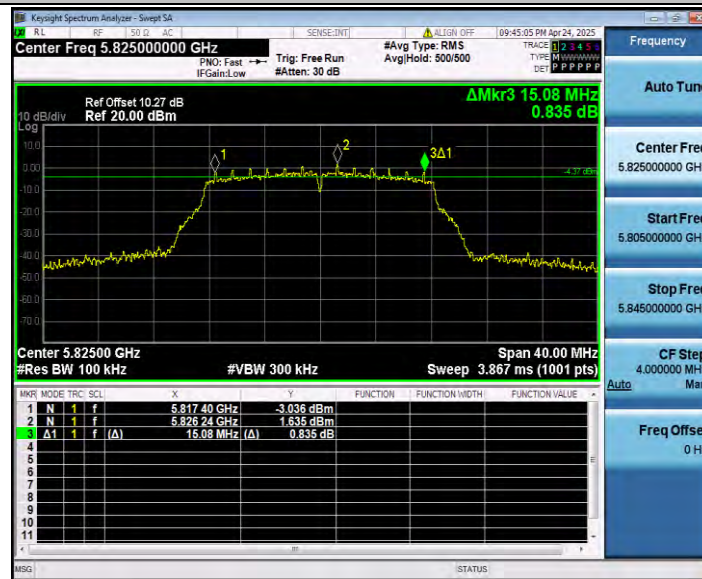
11N20SISO_Ant0_5745



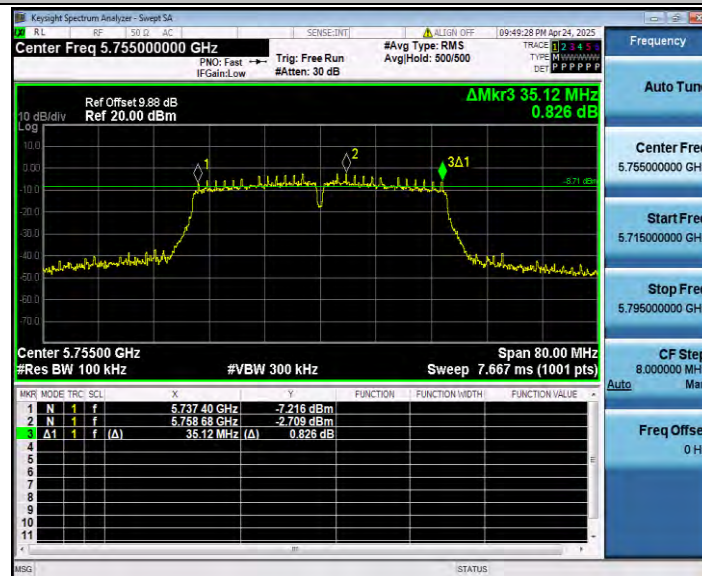
11N20SISO_Ant0_5785



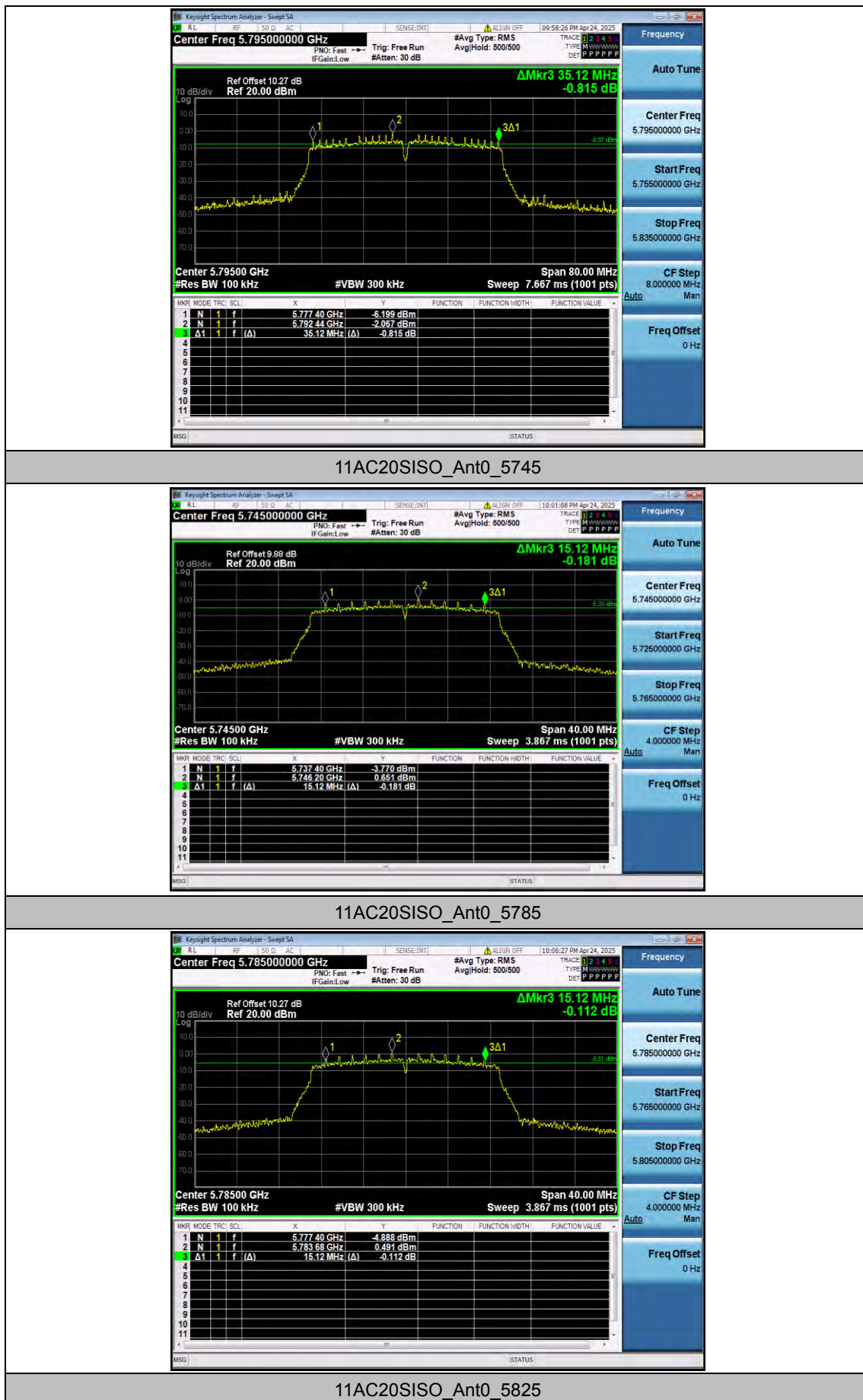
11N20SISO_Ant0_5825



11N40SISO_Ant0_5755

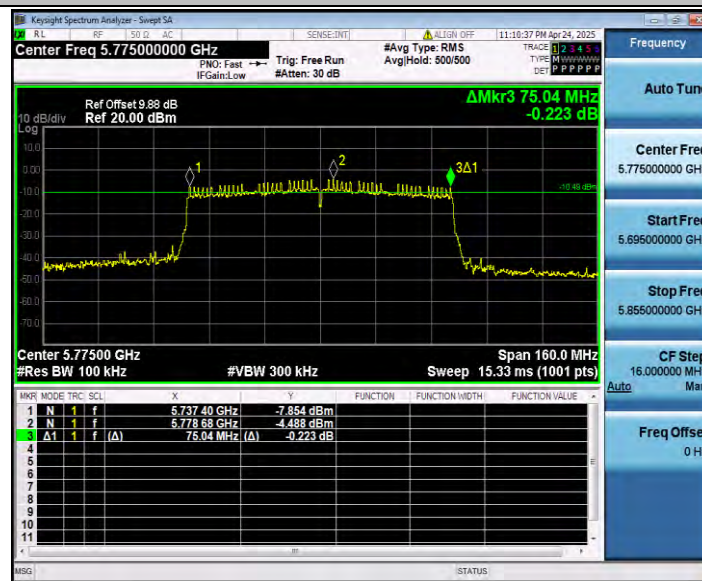


11N40SISO_Ant0_5795

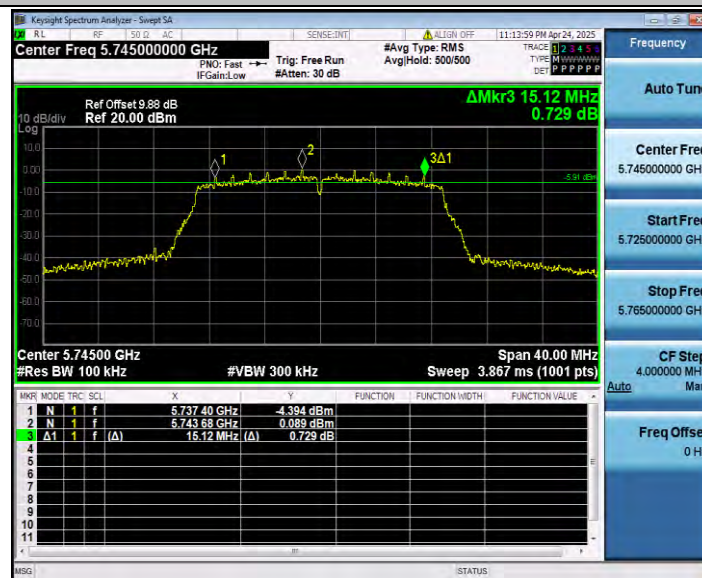




11AC80SISO_Ant0_5775



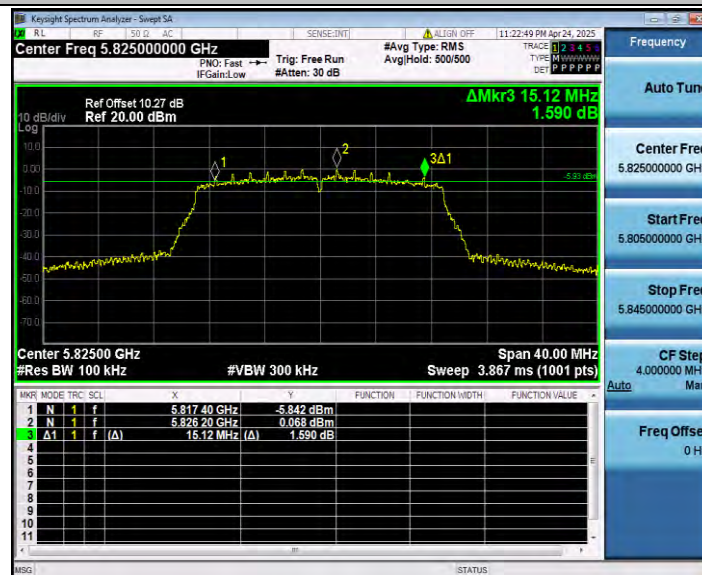
11AX20SISO_Ant0_5745



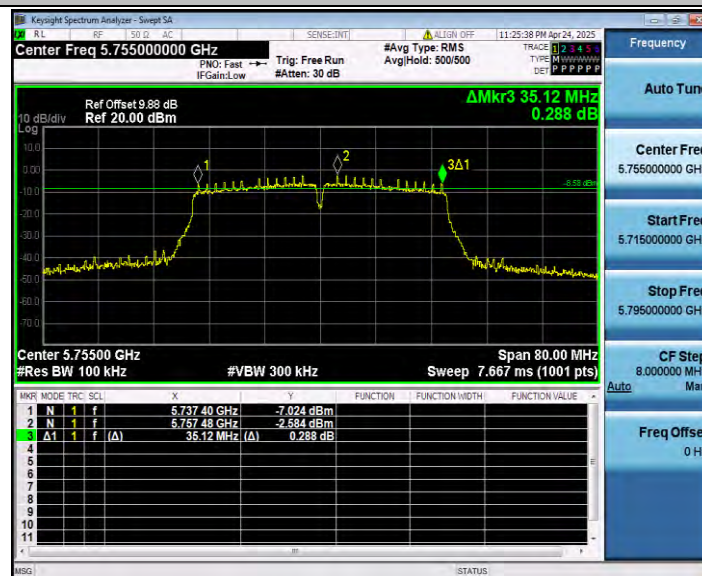
11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



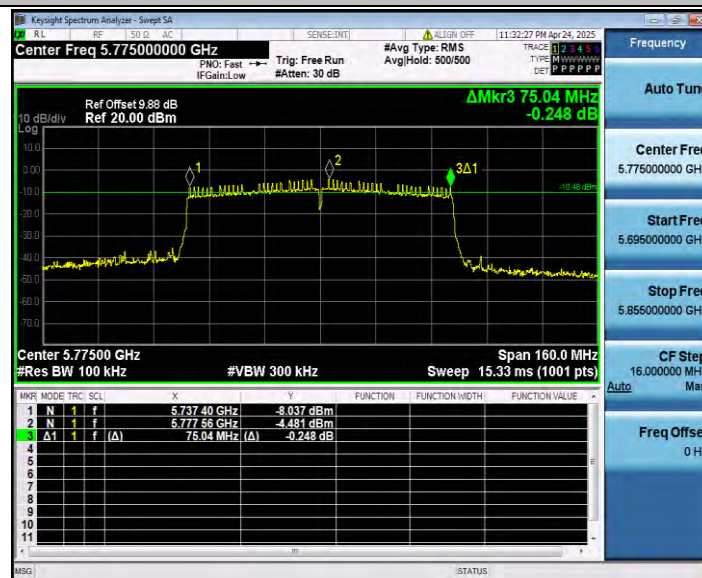
11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775



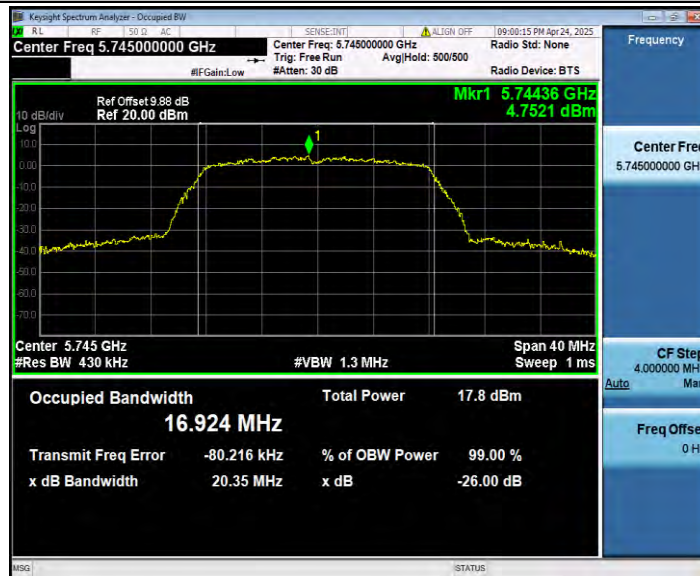
Appendix E.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	16.924	5736.4578	5753.3818	---	---
		5785	17.015	5776.4138	5793.4288	---	---
		5825	16.959	5816.4370	5833.3960	---	---
11N20SISO	Ant0	5745	17.000	5736.4264	5753.4264	---	---
		5785	16.960	5776.4152	5793.3752	---	---
		5825	16.970	5816.4170	5833.3870	---	---
11N40SISO	Ant0	5755	36.191	5736.8528	5773.0438	---	---
		5795	36.105	5776.8807	5812.9857	---	---
11AC20SISO	Ant0	5745	17.837	5736.0319	5753.8689	---	---
		5785	17.849	5776.0266	5793.8756	---	---
		5825	17.864	5816.0397	5833.9037	---	---
11AC40SISO	Ant0	5755	36.204	5736.8314	5773.0354	---	---
		5795	36.160	5776.8500	5813.0100	---	---
11AC80SISO	Ant0	5775	75.559	5737.1442	5812.7032	---	---
11AX20SISO	Ant0	5745	17.864	5736.0611	5753.9251	---	---
		5785	17.832	5776.0395	5793.8715	---	---
		5825	17.832	5816.0375	5833.8695	---	---
11AX40SISO	Ant0	5755	36.326	5736.8147	5773.1407	---	---
		5795	36.273	5776.7747	5813.0477	---	---
11AX80SISO	Ant0	5775	75.454	5737.2473	5812.7013	---	---

Test Graphs

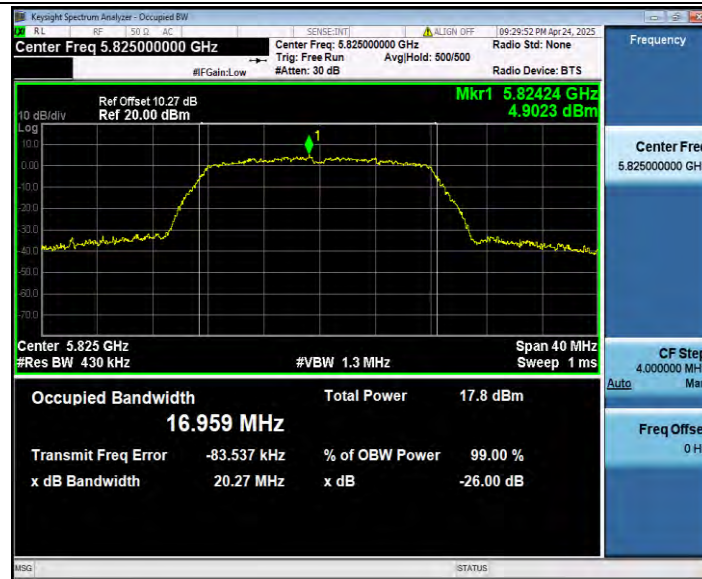
11A_Ant0_5745



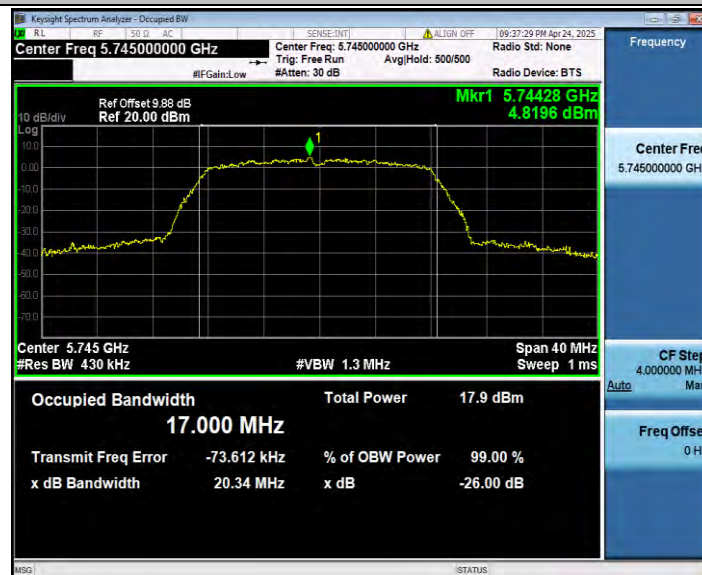
11A_Ant0_5785



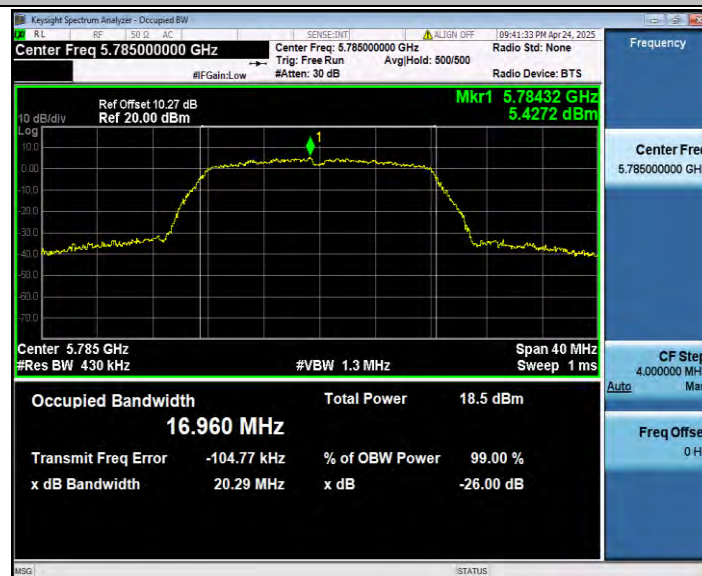
11A_Ant0_5825



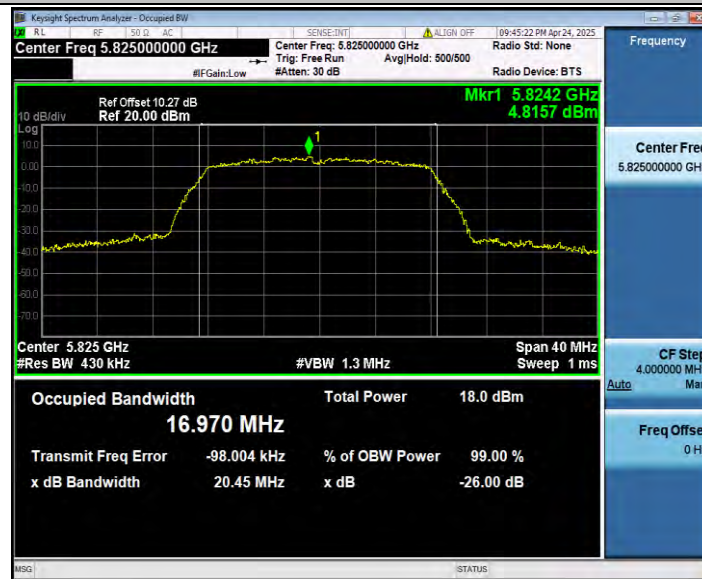
11N20SISO_Ant0_5745



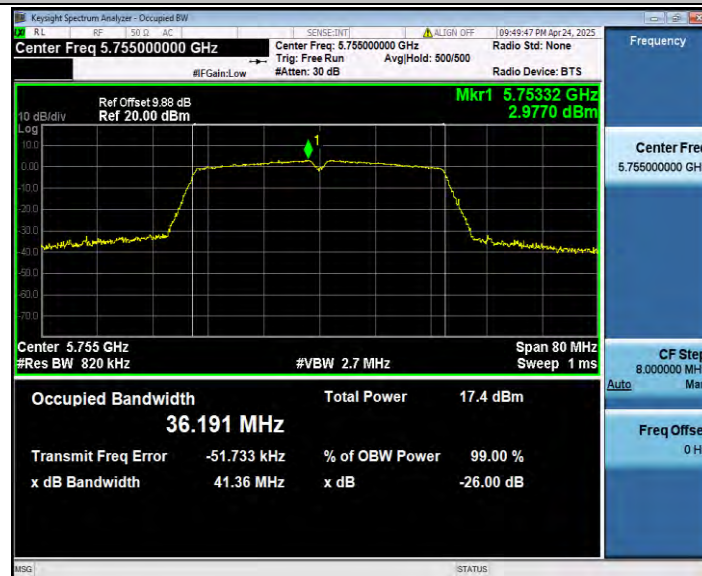
11N20SISO_Ant0_5785



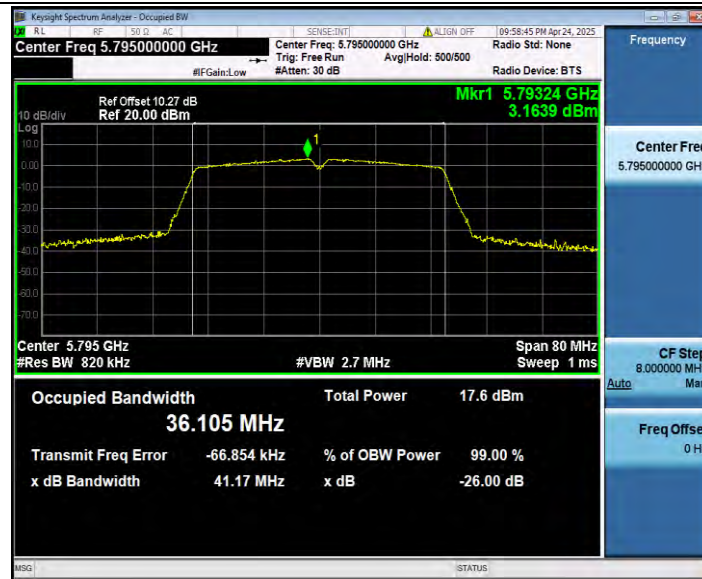
11N20SISO_Ant0_5825



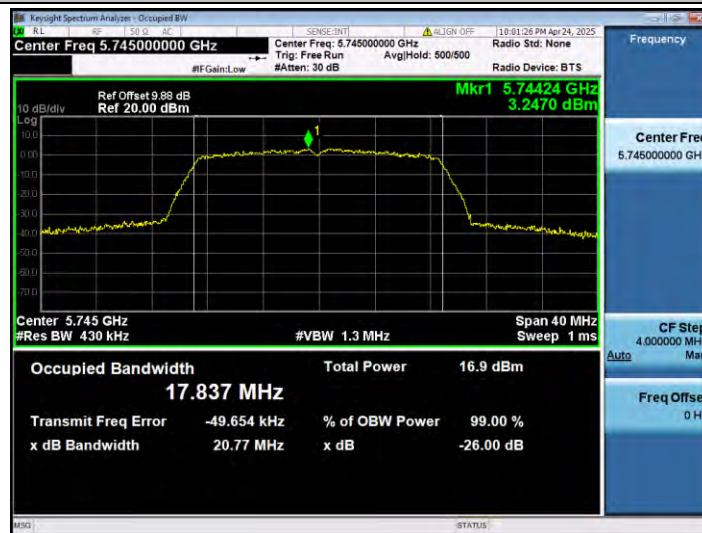
11N40SISO_Ant0_5755



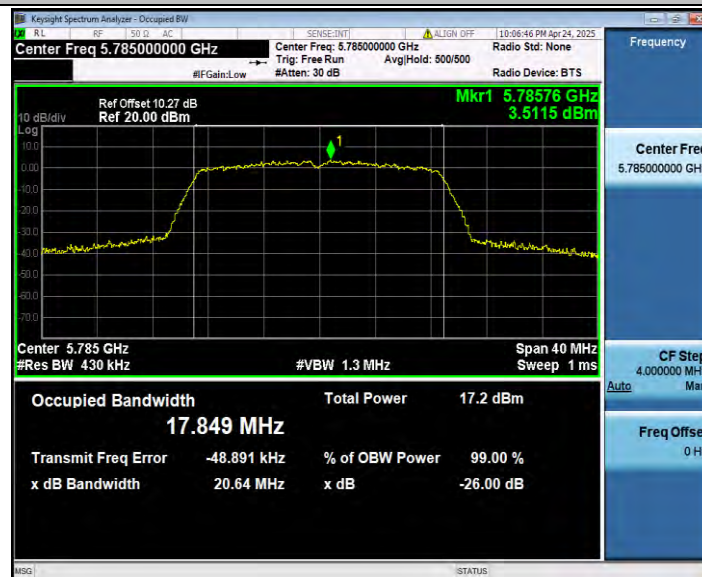
11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745



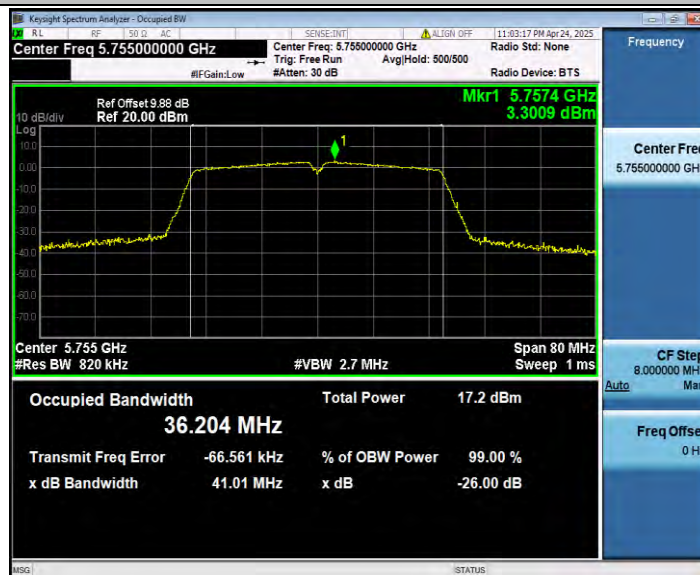
11AC20SISO_Ant0_5785



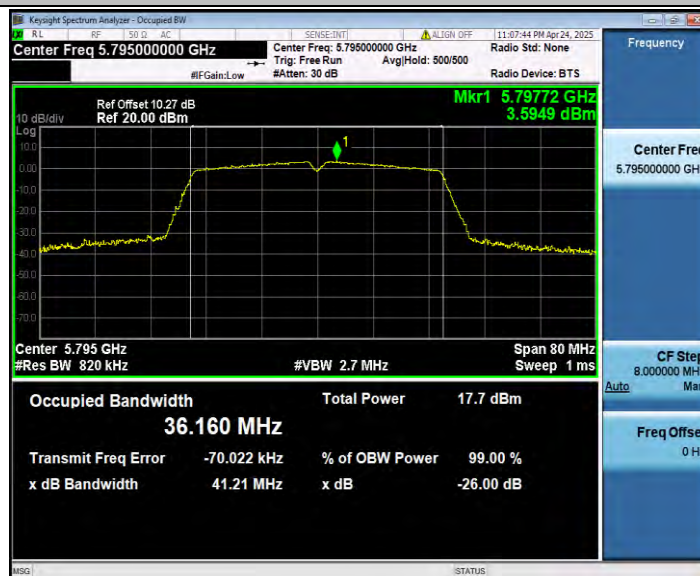
11AC20SISO_Ant0_5825



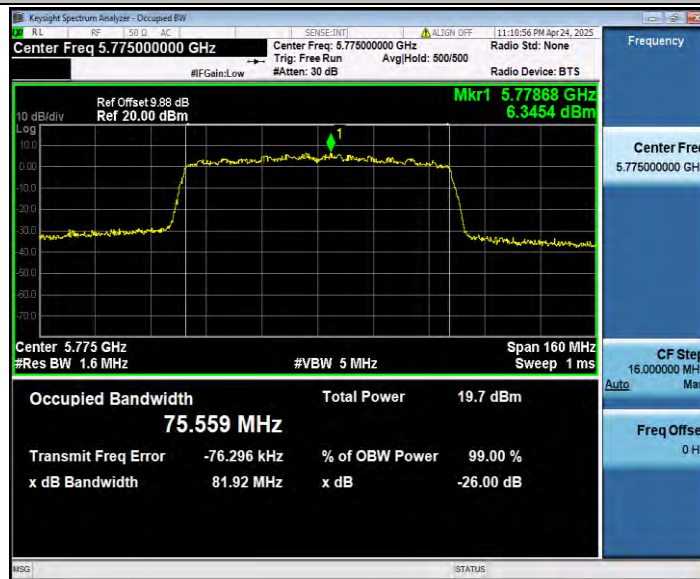
11AC40SISO_Ant0_5755



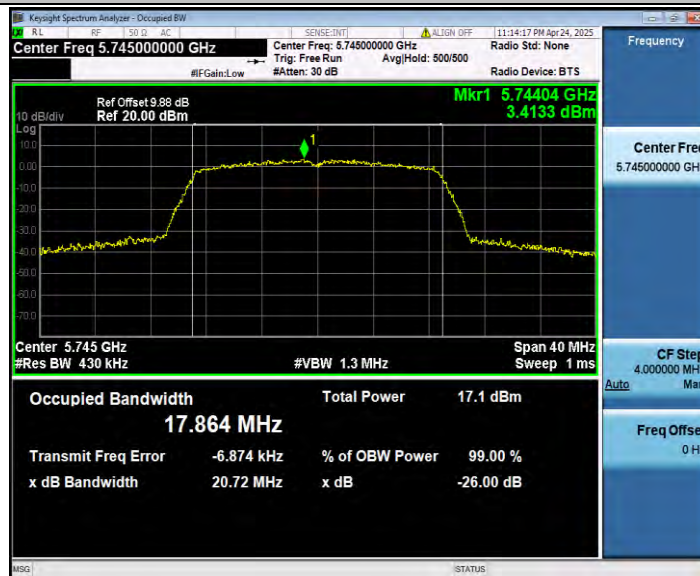
11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



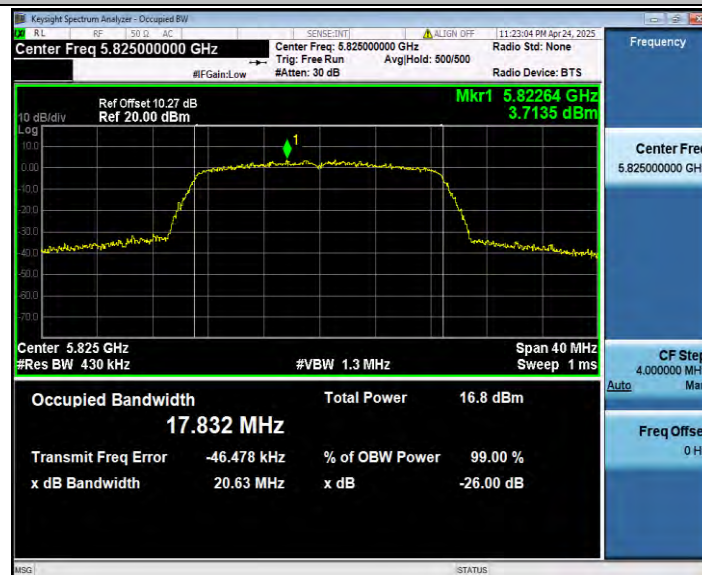
11AX20SISO_Ant0_5745



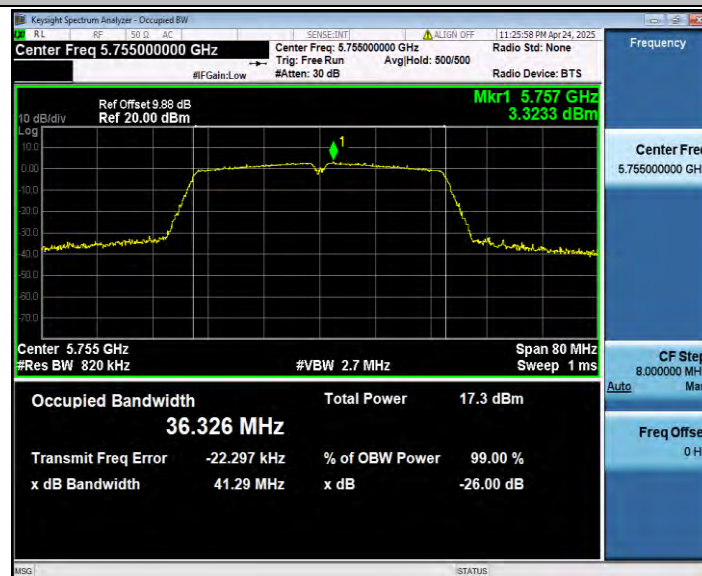
11AX20SISO_Ant0_5785



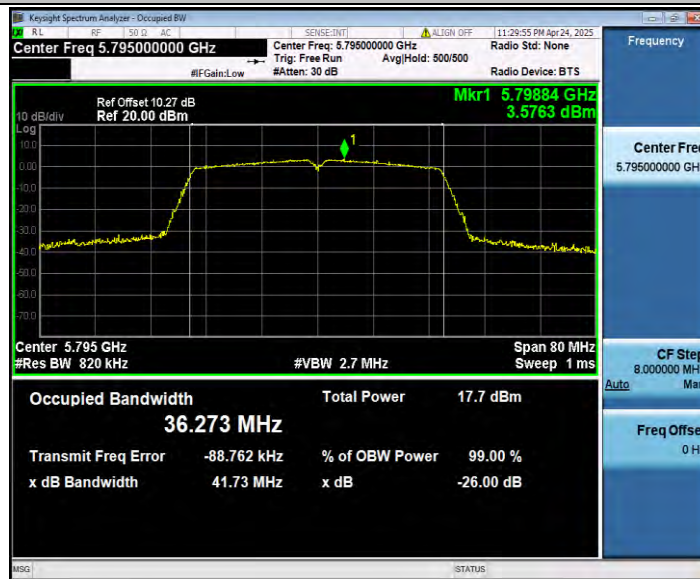
11AX20SISO_Ant0_5825



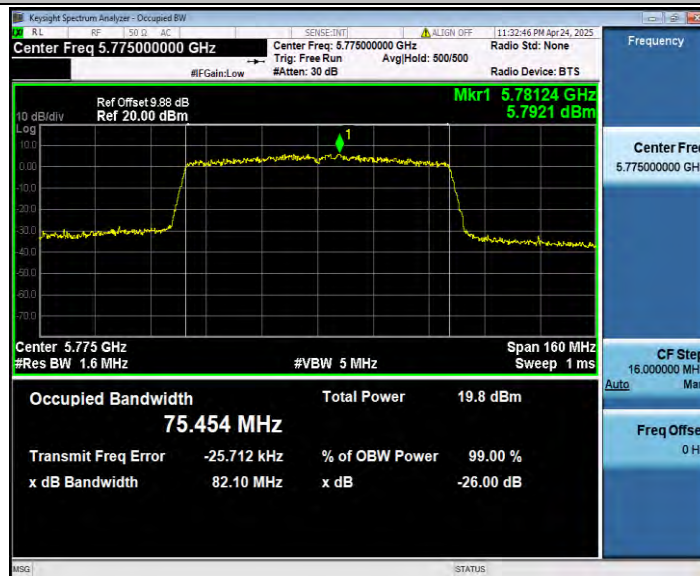
11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775

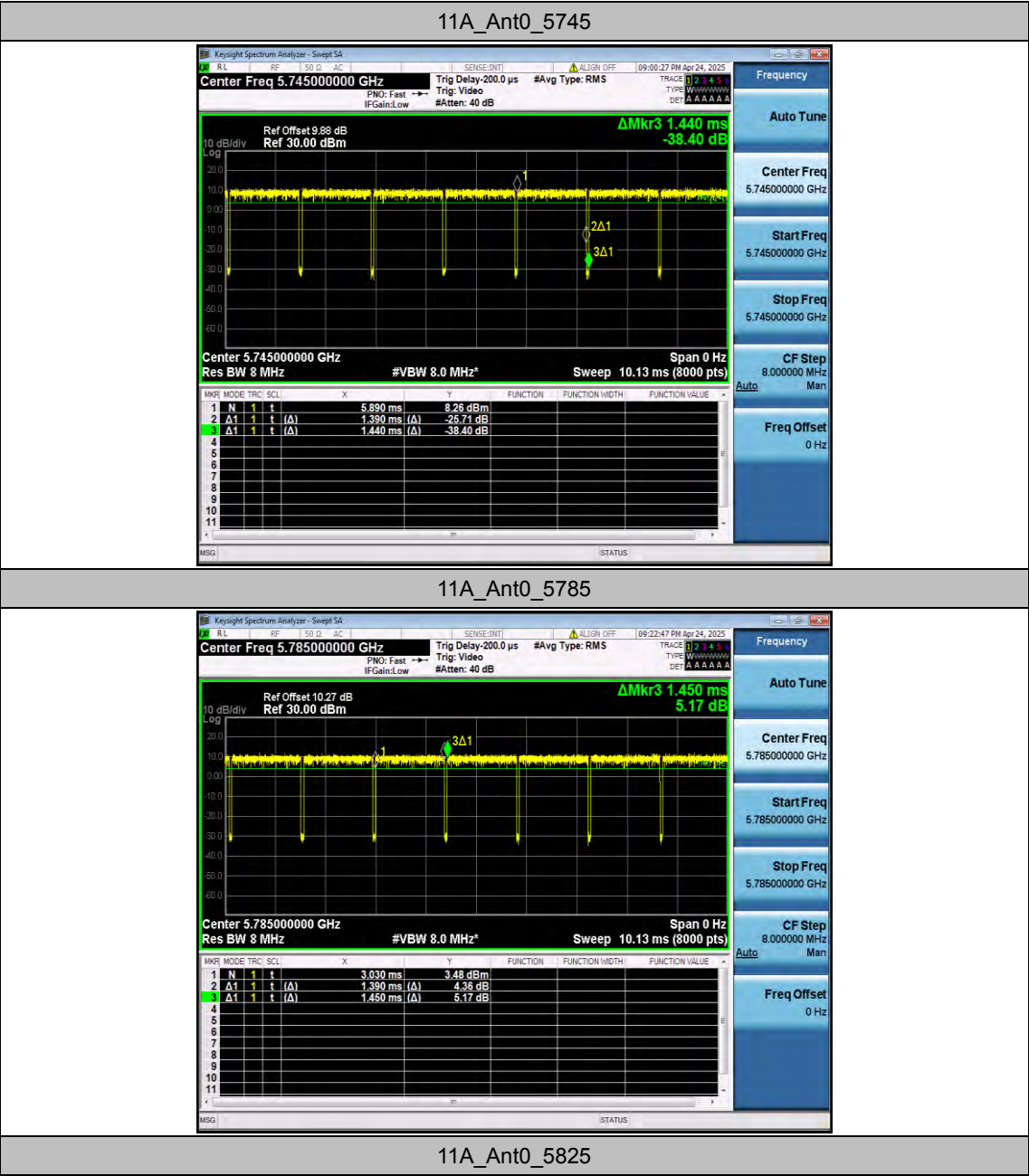


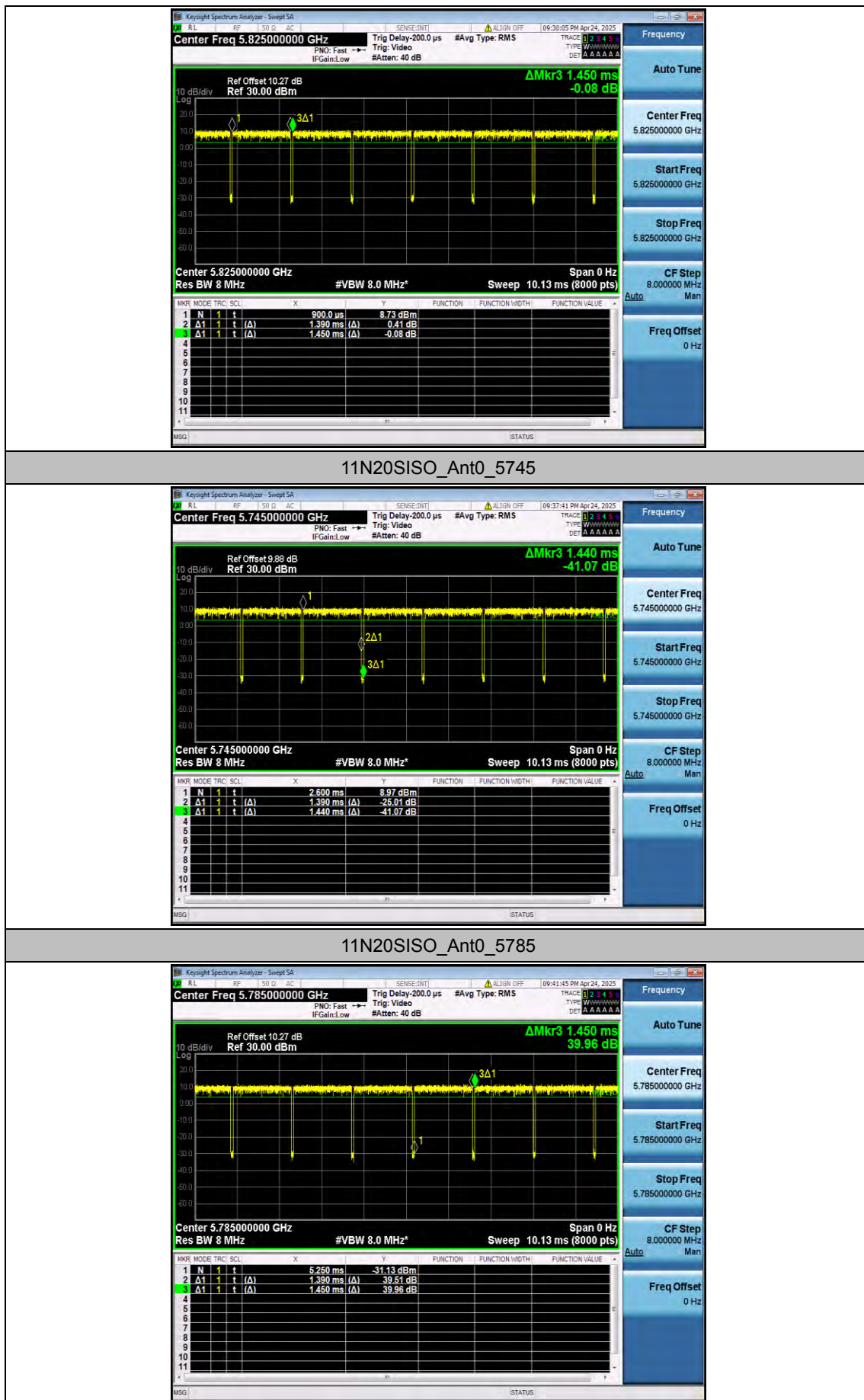
Appendix E.3: Duty Cycle

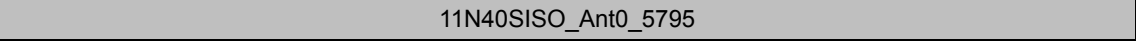
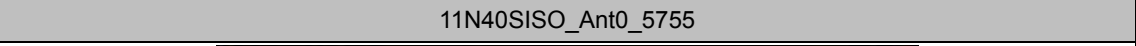
Test Result

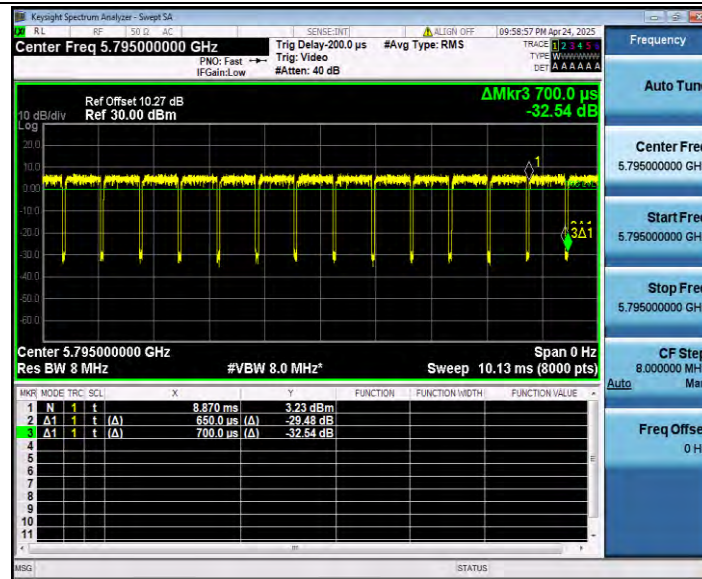
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5745	1.39	1.44	96.53	0.15	0.72
		5785	1.39	1.45	95.86	0.18	0.72
		5825	1.39	1.45	95.86	0.18	0.72
11N20SISO	Ant0	5745	1.39	1.44	96.53	0.15	0.72
		5785	1.39	1.45	95.86	0.18	0.72
		5825	1.39	1.45	95.86	0.18	0.72
11N40SISO	Ant0	5755	0.65	0.70	92.86	0.32	1.54
		5795	0.65	0.70	92.86	0.32	1.54
11AC20SISO	Ant0	5745	1.31	1.37	95.62	0.19	0.76
		5785	1.31	1.37	95.62	0.19	0.76
		5825	1.31	1.36	96.32	0.16	0.76
11AC40SISO	Ant0	5755	0.65	0.70	92.86	0.32	1.54
		5795	0.65	0.71	91.55	0.38	1.54
11AC80SISO	Ant0	5775	0.32	0.37	86.49	0.63	3.13
11AX20SISO	Ant0	5745	1.31	1.37	95.62	0.19	0.76
		5785	1.31	1.36	96.32	0.16	0.76
		5825	1.30	1.36	95.59	0.20	0.77
11AX40SISO	Ant0	5755	0.65	0.70	92.86	0.32	1.54
		5795	0.66	0.71	92.96	0.32	1.52
11AX80SISO	Ant0	5775	0.33	0.38	86.84	0.61	3.03

Test Graphs

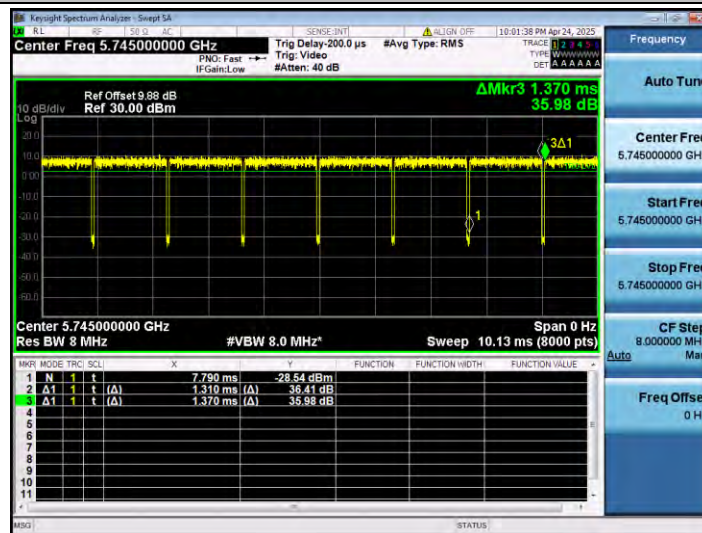




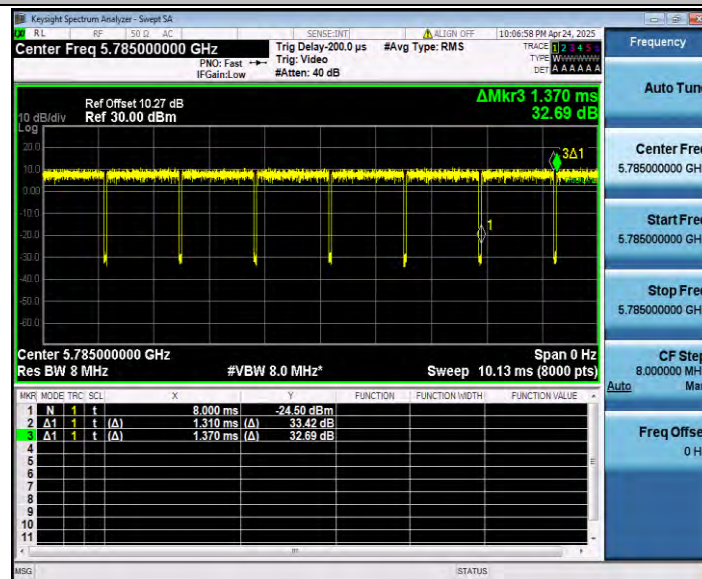




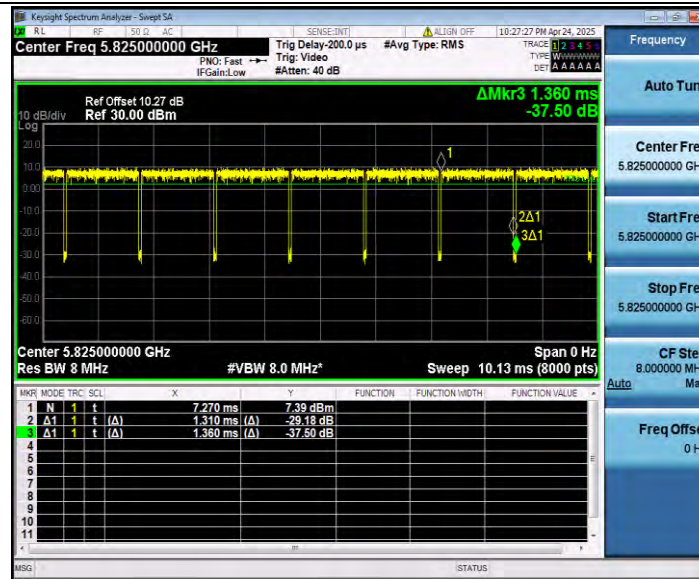
11AC20SISO_Ant0_5745



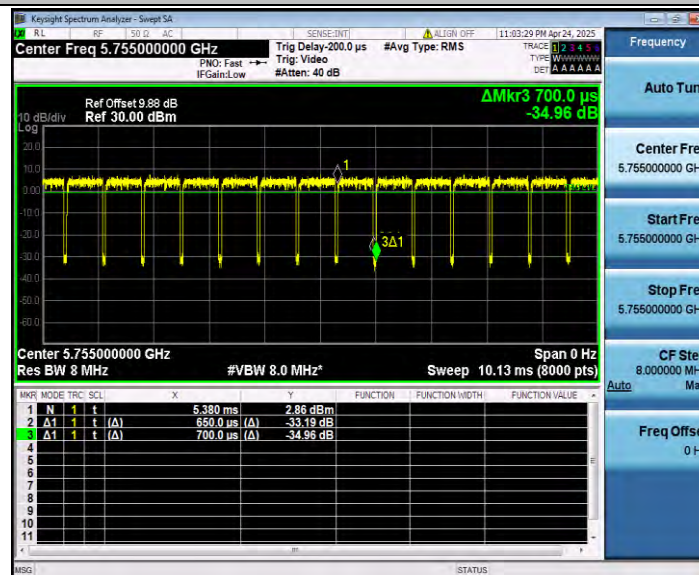
11AC20SISO_Ant0_5785



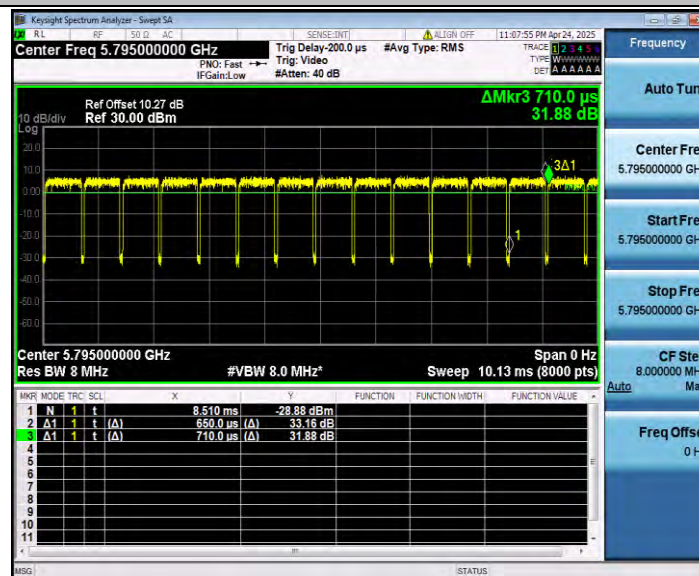
11AC20SISO_Ant0_5825

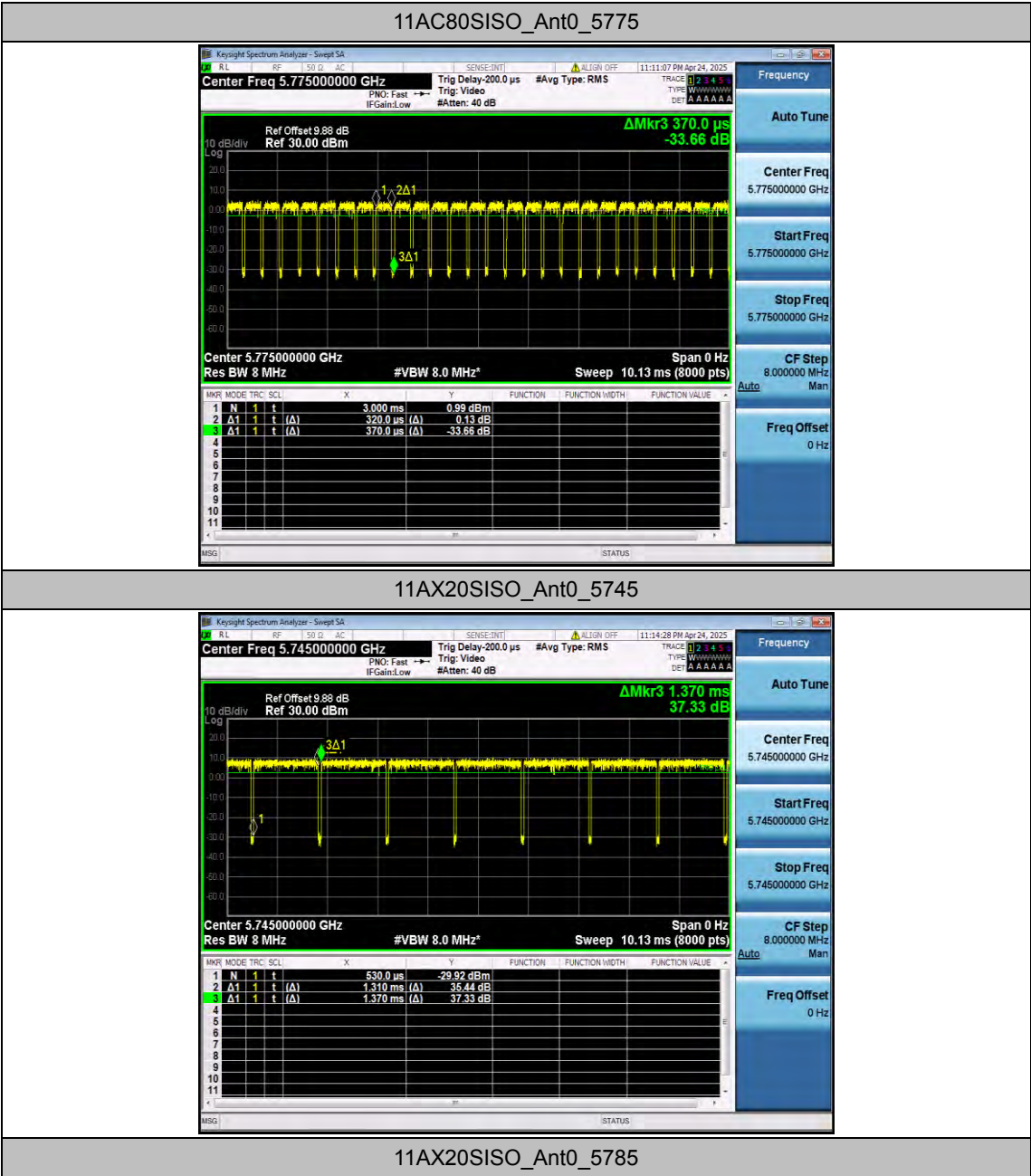


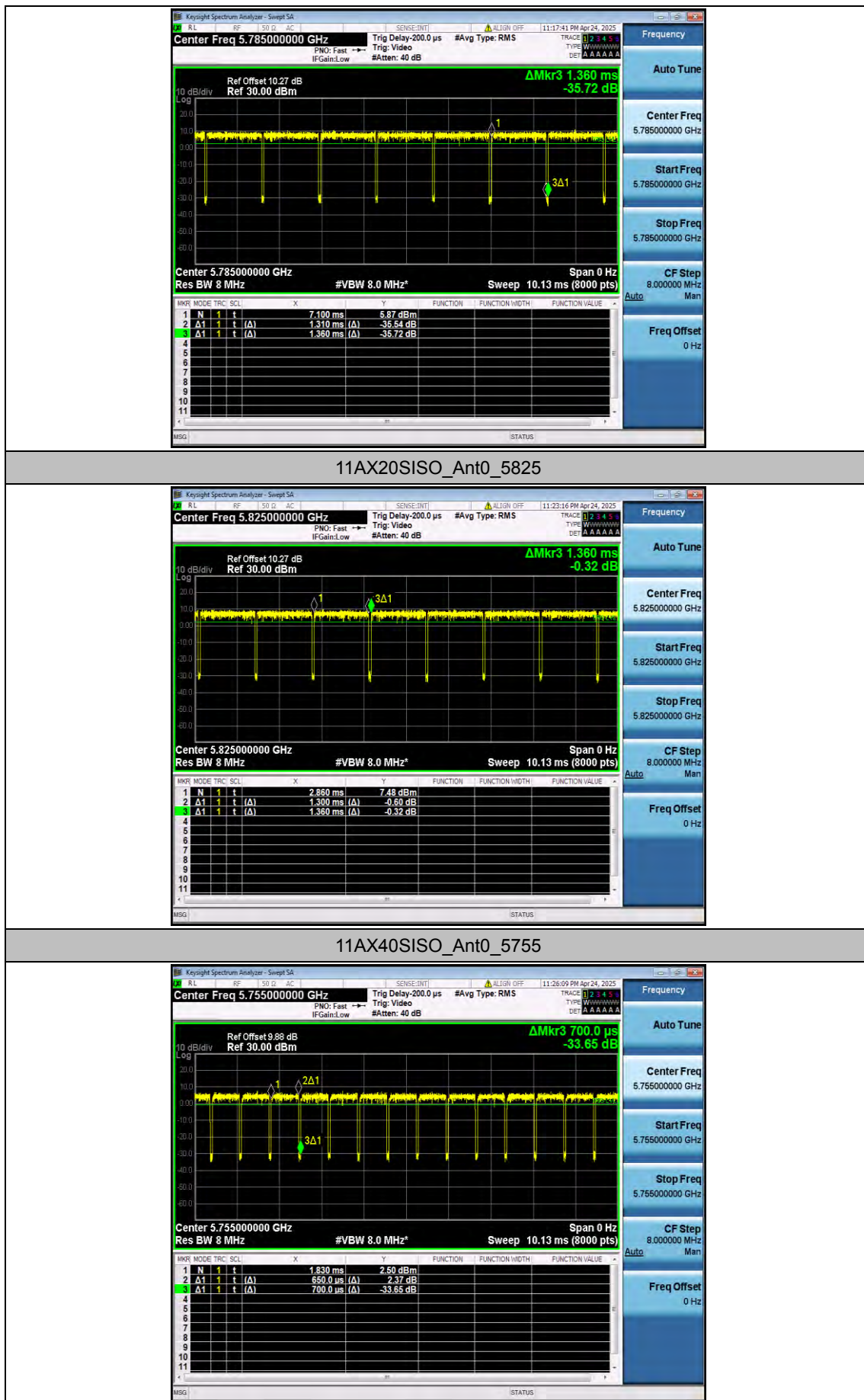
11AC40SISO_Ant0_5755

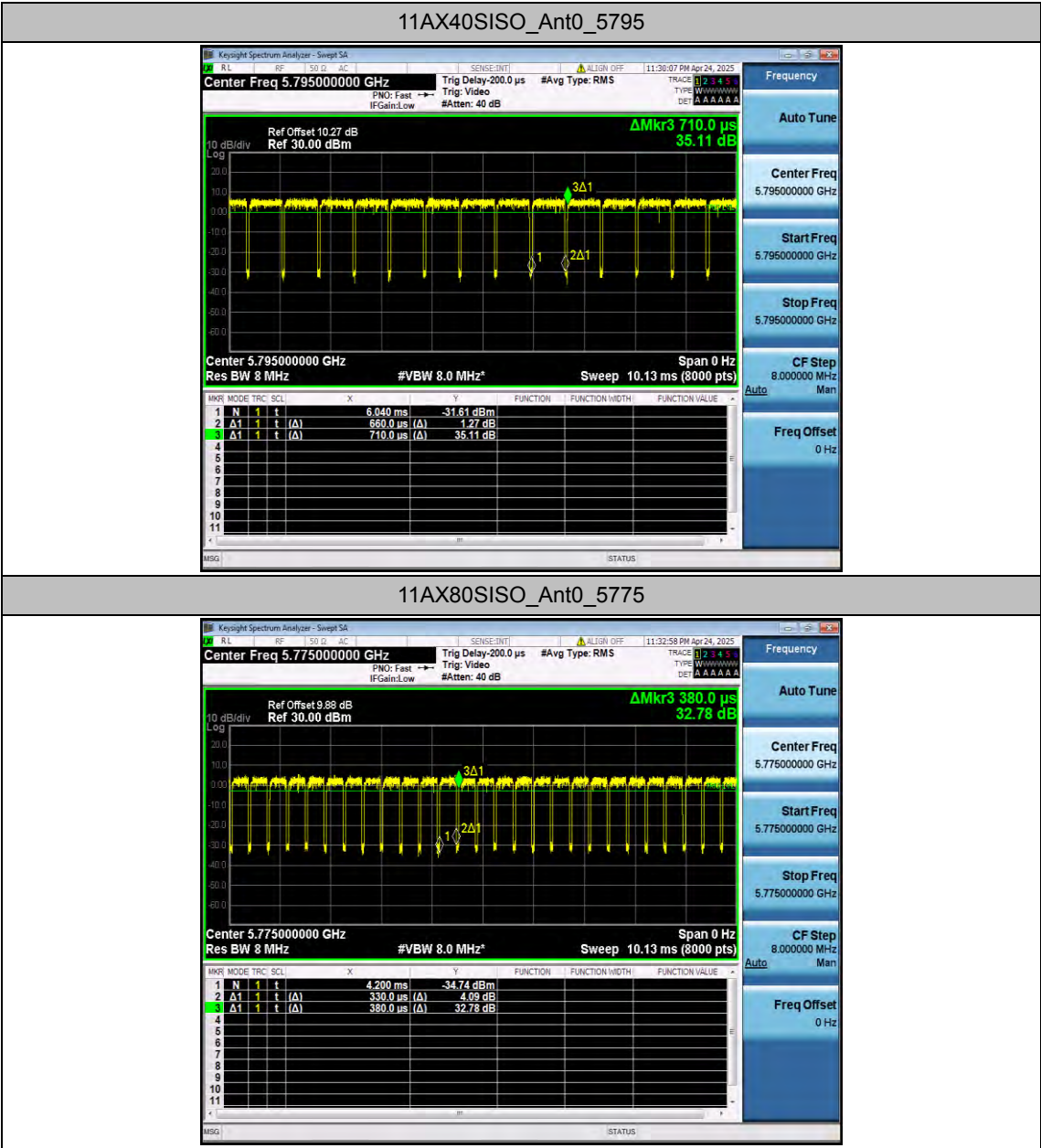


11AC40SISO_Ant0_5795









11AX80SISO_Ant0_5775

KeySight Spectrum Analyzer - Swept SA

Center Freq 5.775000000 GHz

Trig Delay: 200.0 μ s

#Avg Type: RMS

Ref Offset 9.88 dB

Ref 30.00 dBm

10 dB/div

Log

Δ Mkr3 380.0 μ s

32.78 dB

Center 5.775000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz^a

Sweep 10.13 ms (8000 pts)

Span 0 Hz

1 N t 4.200 ms -34.74 dBm

2 Δ 1 t (A) 330.0 μ s (A) 4.08 dB

3 Δ 1 t (A) 380.0 μ s (A) 32.78 dB

4

5

6

7

8

9

10

11

MSG

STATUS

Frequency

Auto Tune

Center Freq
5.775000000 GHz

Start Freq
5.775000000 GHz

Stop Freq
5.775000000 GHz

CF Step
8.000000 MHz

Auto

Man

Freq Offset
0 Hz