

Case No. : <u>GTS20251122004-3-13</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.15-2026.04.02</u> Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Emission Bandwidth

Test Result

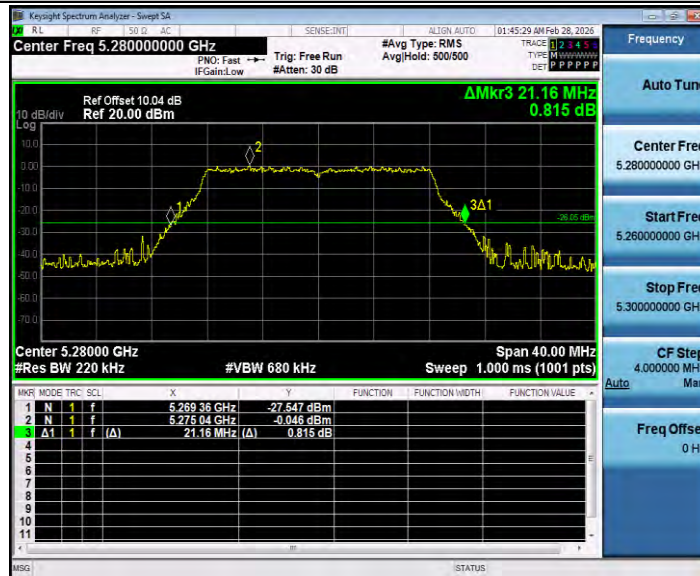
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	21.160	5249.360	5270.520	---	---
		5280	21.160	5269.360	5290.520	---	---
		5320	21.080	5309.480	5330.560	---	---
11N20SISO	Ant1	5260	21.480	5249.320	5270.800	---	---
		5280	21.560	5269.280	5290.840	---	---
		5320	21.680	5309.120	5330.800	---	---
11N40SISO	Ant1	5270	40.240	5249.920	5290.160	---	---
		5310	40.320	5290.000	5330.320	---	---
11AC20SISO	Ant1	5260	21.520	5249.200	5270.720	---	---
		5280	21.480	5269.360	5290.840	---	---
		5320	21.520	5309.240	5330.760	---	---
11AC40SISO	Ant1	5270	40.400	5249.920	5290.320	---	---
		5310	40.640	5289.760	5330.400	---	---
11AC80SISO	Ant1	5290	80.640	5249.680	5330.320	---	---
11AX20SISO	Ant1	5260	22.120	5248.800	5270.920	---	---
		5280	21.840	5269.080	5290.920	---	---
		5320	21.960	5309.080	5331.040	---	---
11AX40SISO	Ant1	5270	40.960	5249.600	5290.560	---	---
		5310	41.120	5289.520	5330.640	---	---
11AX80SISO	Ant1	5290	82.400	5248.560	5330.960	---	---

Test Graphs

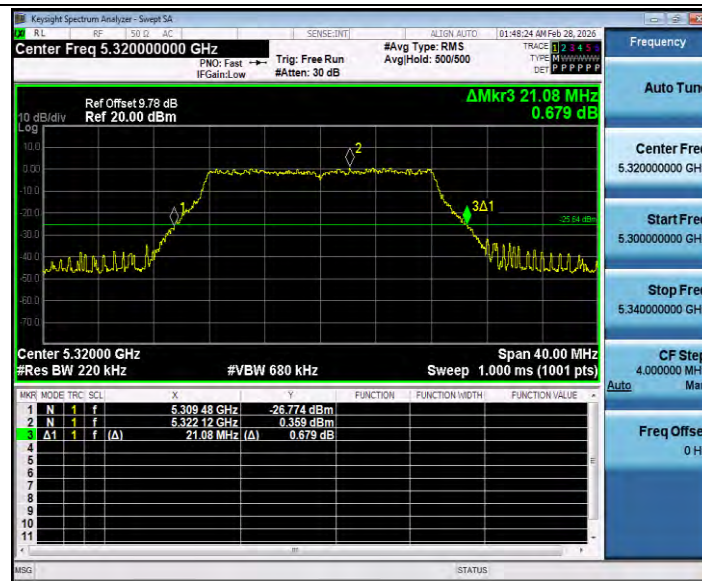
11A_Ant1_5260



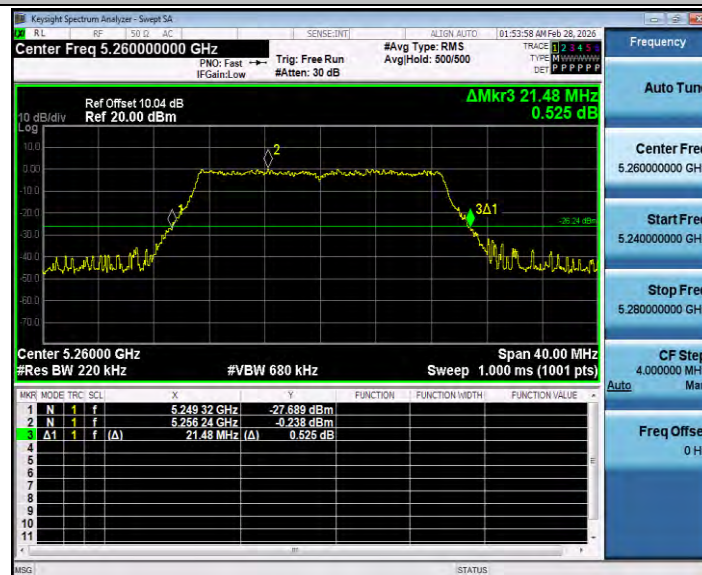
11A_Ant1_5280



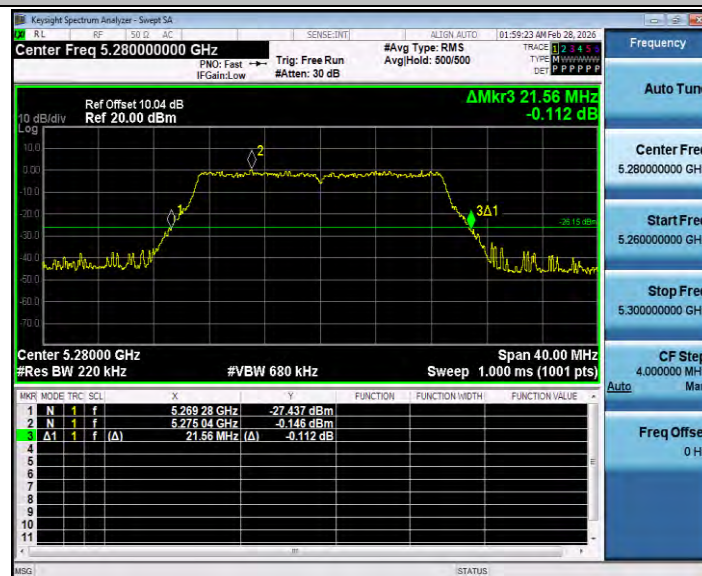
11A_Ant1_5320



11N20SISO_Ant1_5260



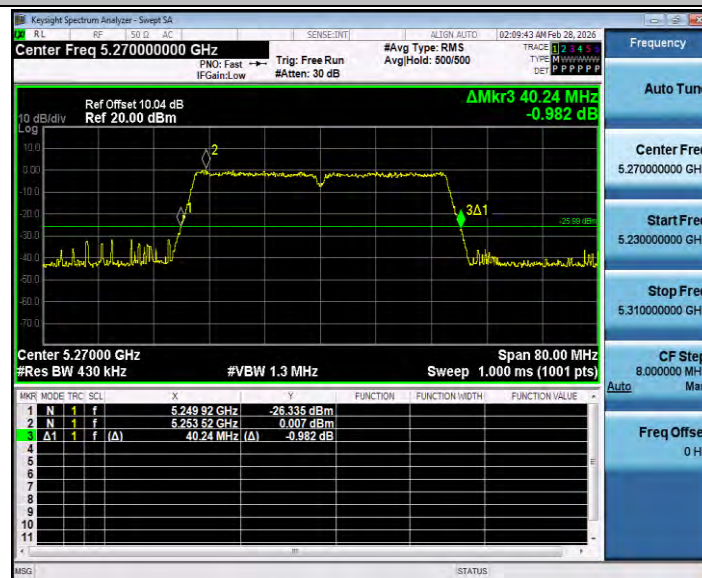
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



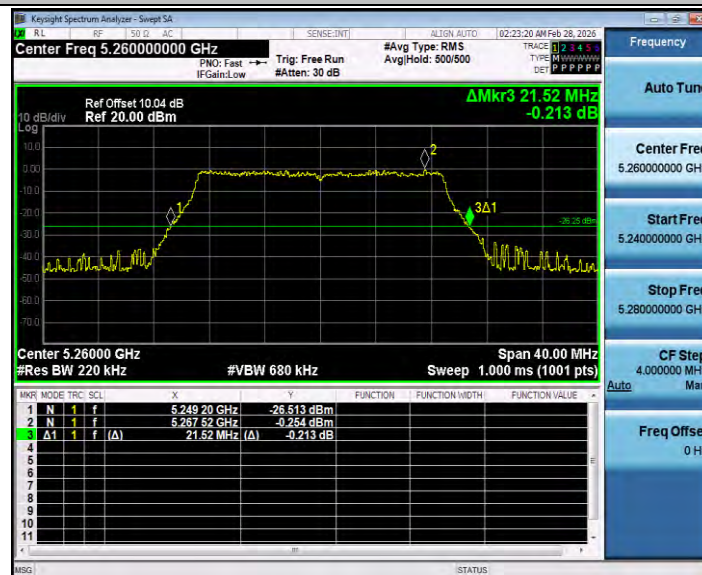
11N40SISO_Ant1_5270



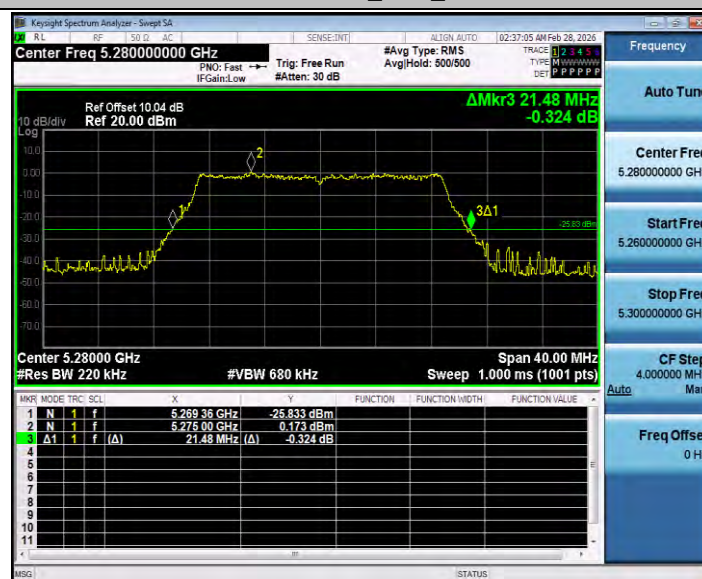
11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



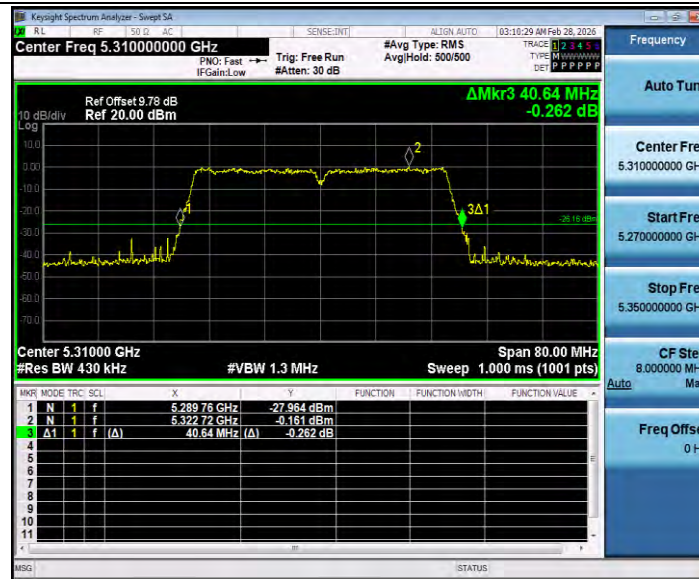
11AC20SISO_Ant1_5320



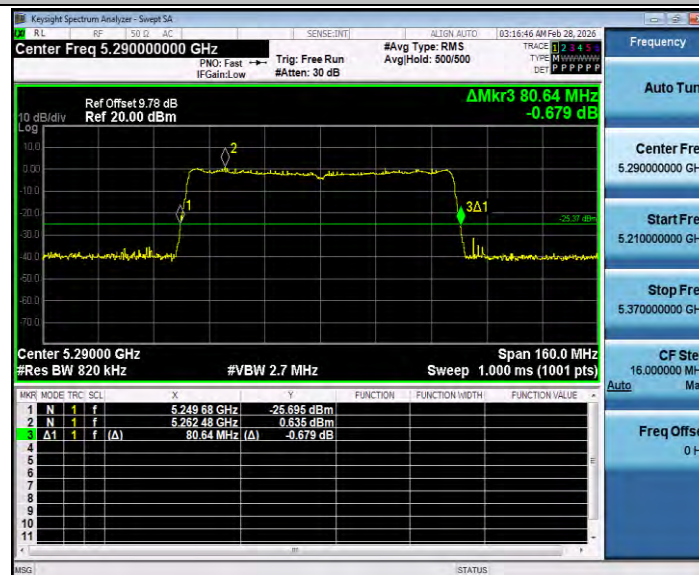
11AC40SISO_Ant1_5270



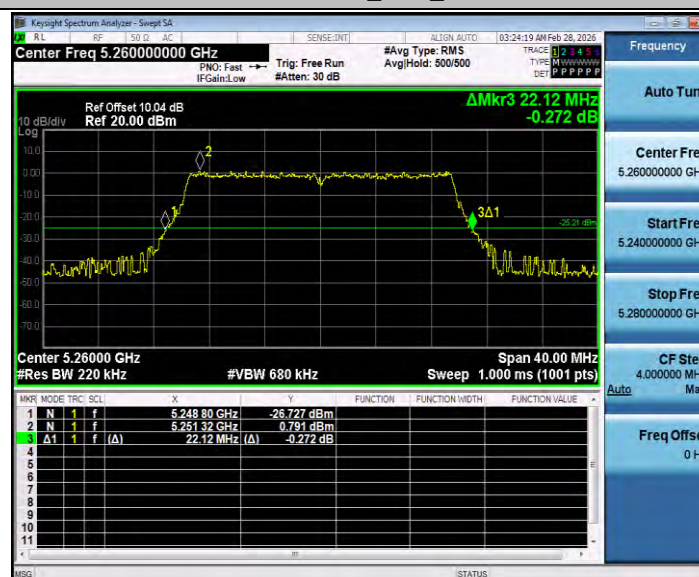
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



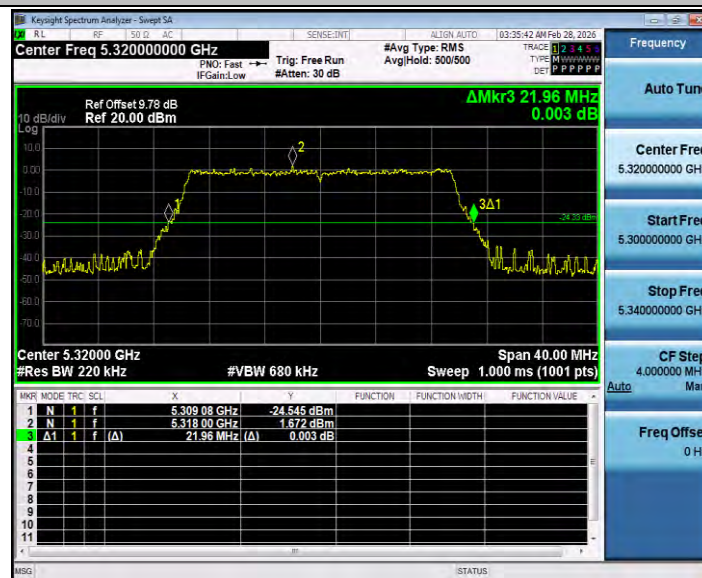
11AX20SISO_Ant1_5260



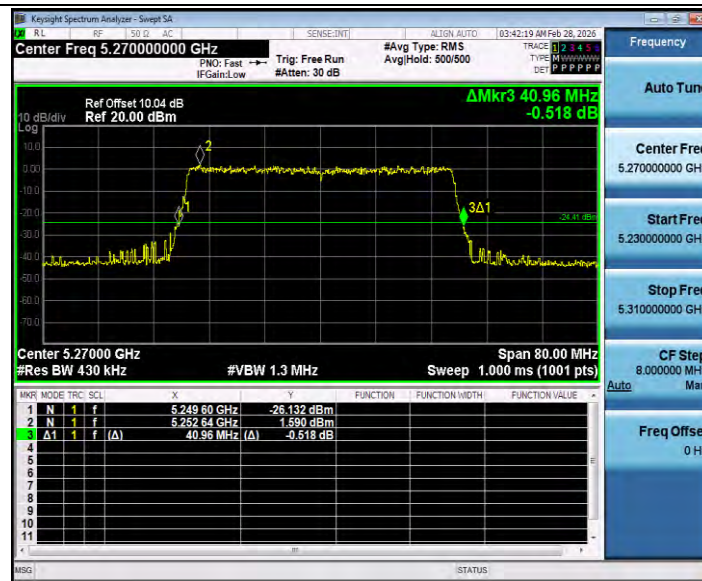
11AX20SISO_Ant1_5280



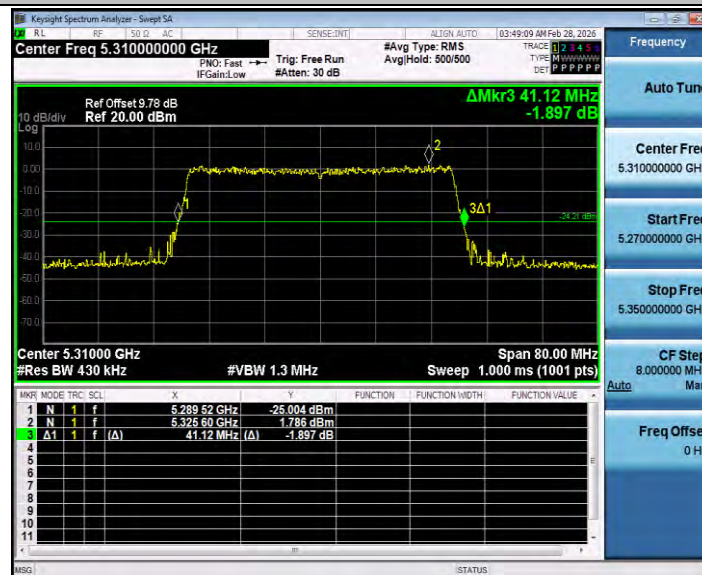
11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

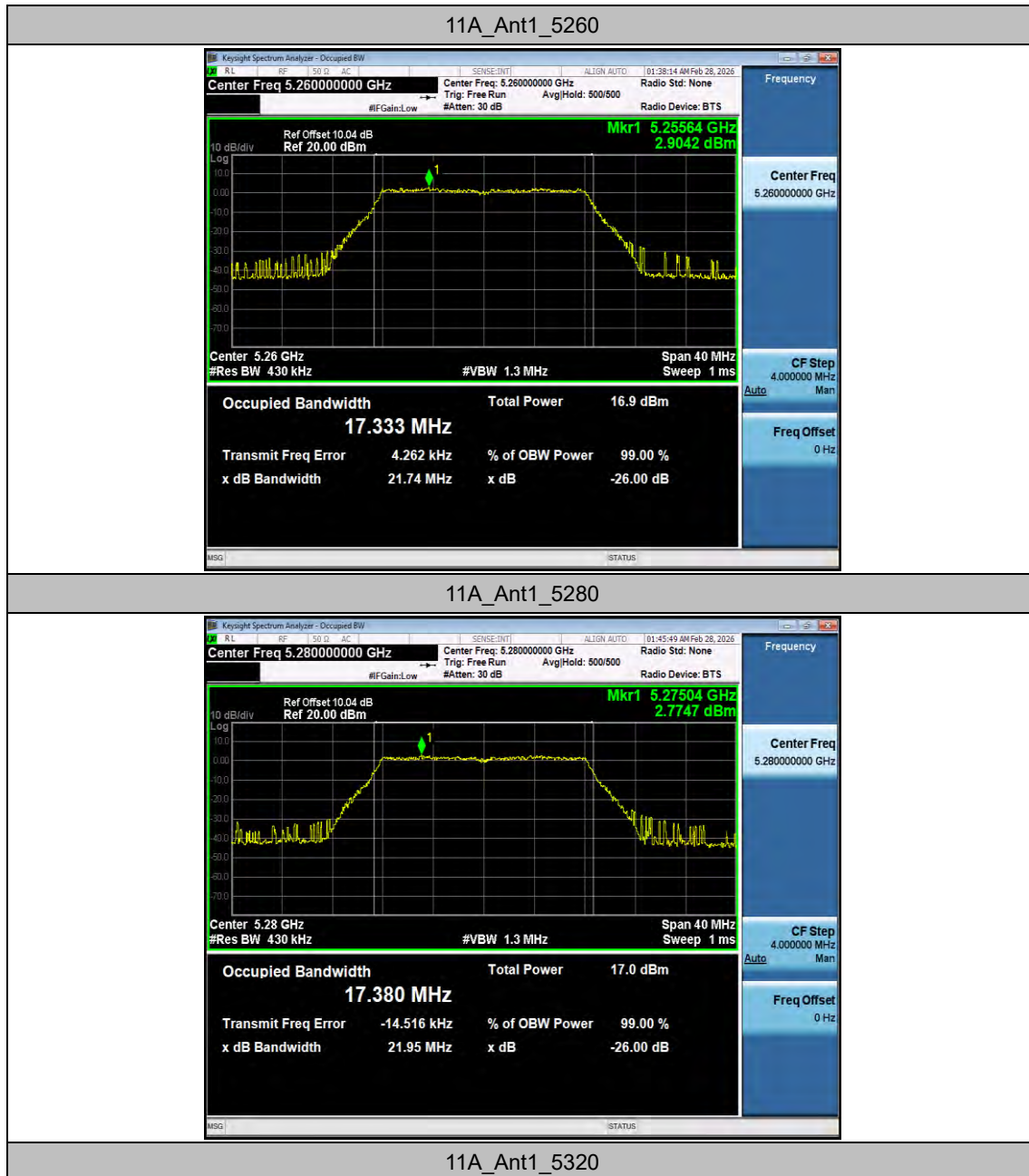


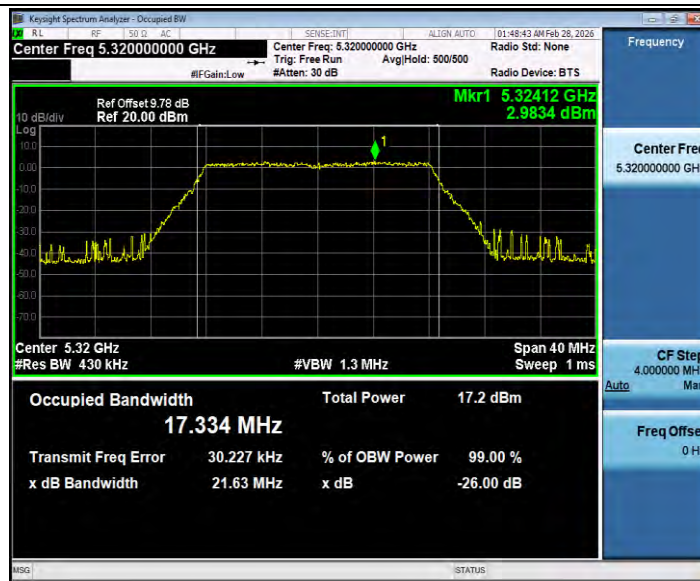
Appendix E.2: Occupied channel bandwidth

Test Result

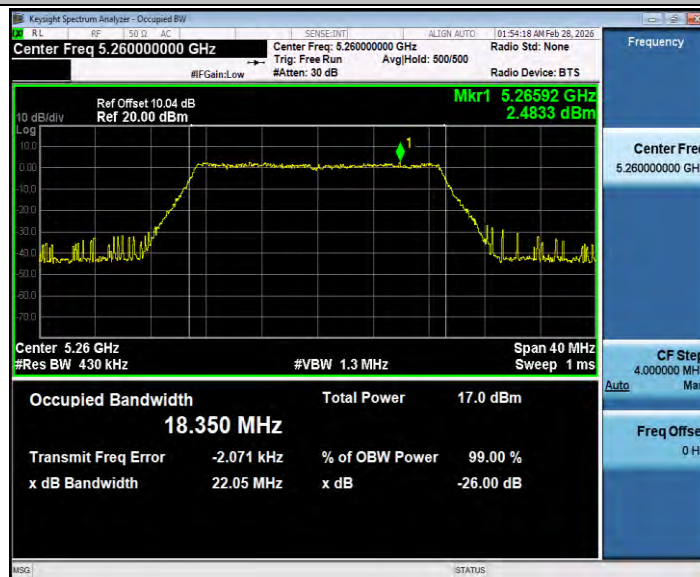
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.333	5251.3378	5268.6708	---	---
		5280	17.380	5271.2955	5288.6755	---	---
		5320	17.334	5311.3632	5328.6972	---	---
11N20SISO	Ant1	5260	18.350	5250.8229	5269.1729	---	---
		5280	18.379	5270.8235	5289.2025	---	---
		5320	18.345	5310.8493	5329.1943	---	---
11N40SISO	Ant1	5270	36.833	5251.5783	5288.4113	---	---
		5310	36.882	5291.6417	5328.5237	---	---
11AC20SISO	Ant1	5260	18.361	5250.8099	5269.1709	---	---
		5280	18.332	5270.8604	5289.1924	---	---
		5320	18.381	5310.8204	5329.2014	---	---
11AC40SISO	Ant1	5270	36.779	5251.6174	5288.3964	---	---
		5310	36.854	5291.6433	5328.4973	---	---
11AC80SISO	Ant1	5290	75.951	5252.0544	5328.0054	---	---
11AX20SISO	Ant1	5260	19.347	5250.3297	5269.6767	---	---
		5280	19.287	5270.3755	5289.6625	---	---
		5320	19.352	5310.3514	5329.7034	---	---
11AX40SISO	Ant1	5270	38.163	5250.9429	5289.1059	---	---
		5310	38.198	5290.9443	5329.1423	---	---
11AX80SISO	Ant1	5290	78.072	5251.0026	5329.0746	---	---

Test Graphs

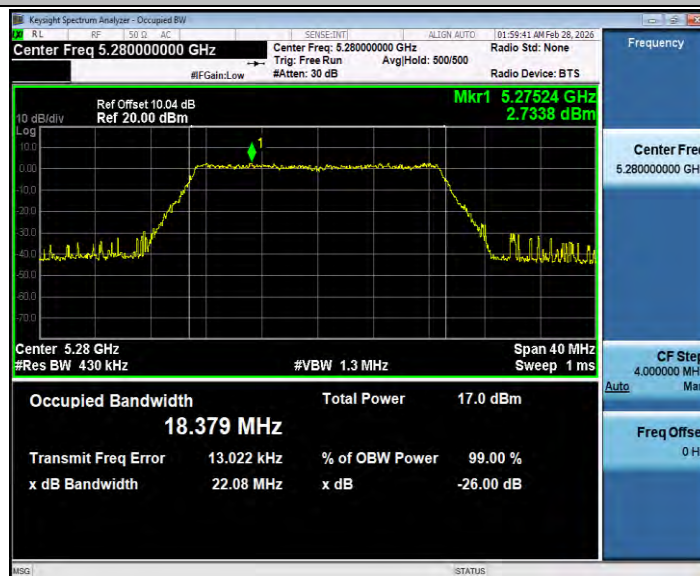




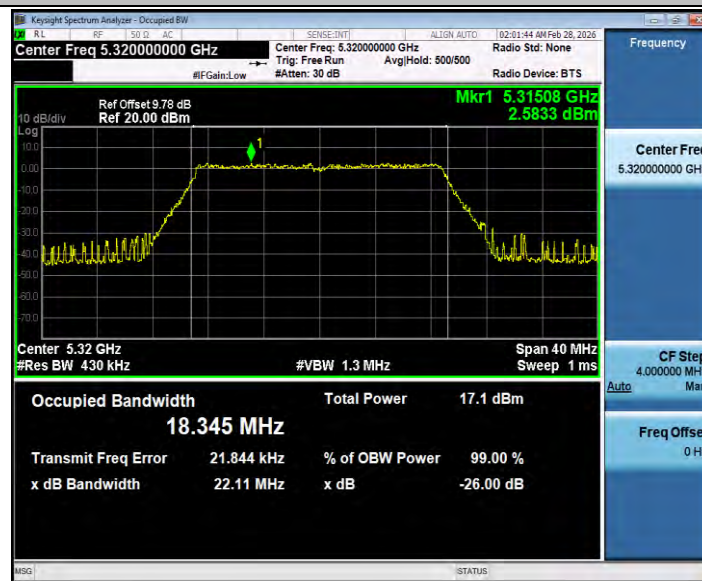
11N20SISO_Ant1_5260



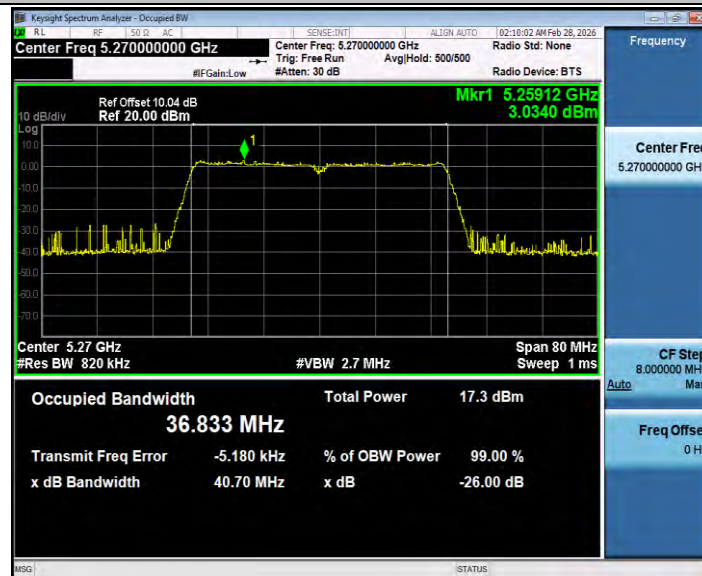
11N20SISO_Ant1_5280



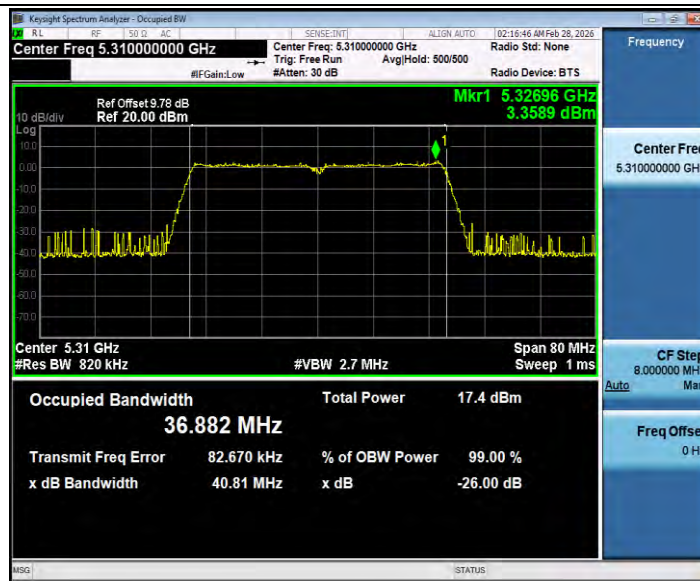
11N20SISO_Ant1_5320



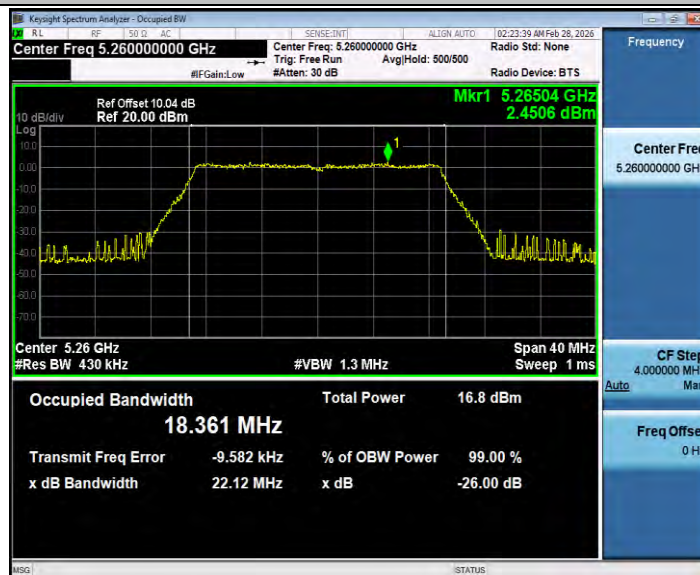
11N40SISO_Ant1_5270



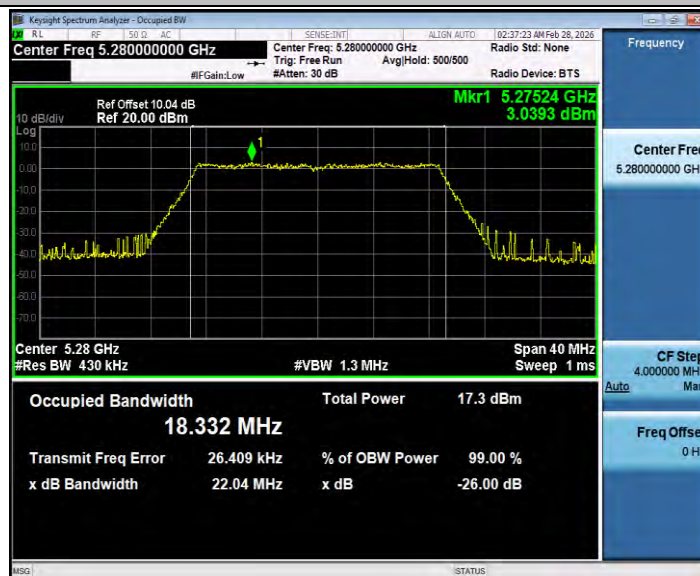
11N40SISO_Ant1_5310



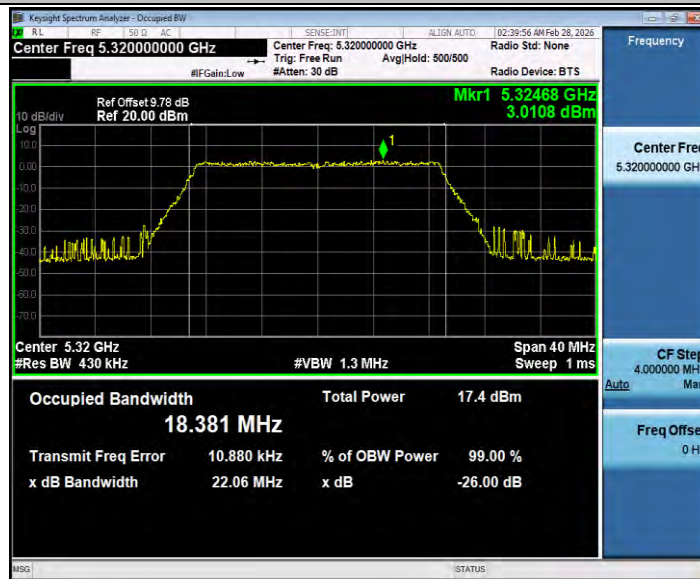
11AC20SISO_Ant1_5260



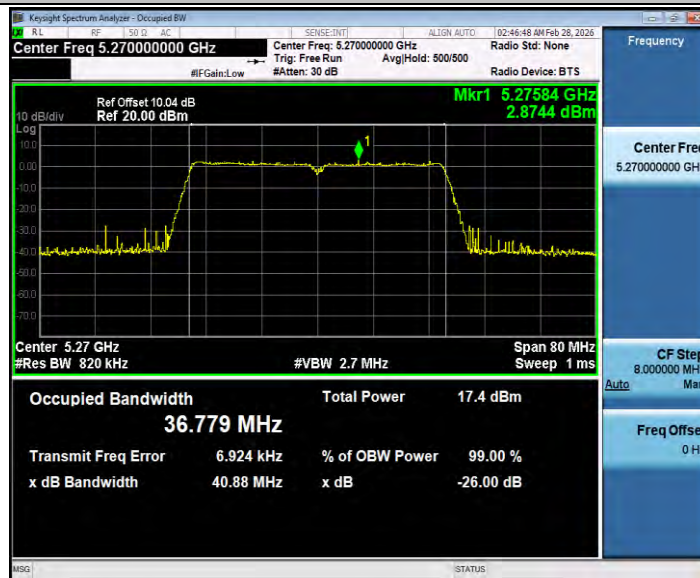
11AC20SISO_Ant1_5280



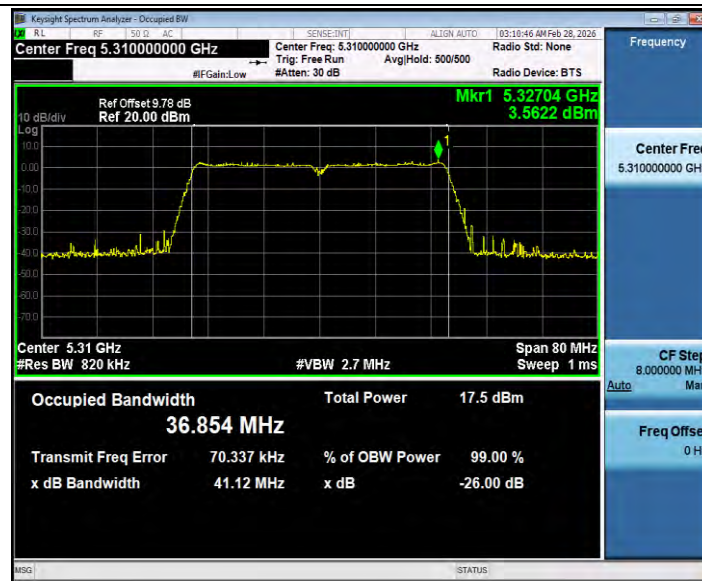
11AC20SISO_Ant1_5320



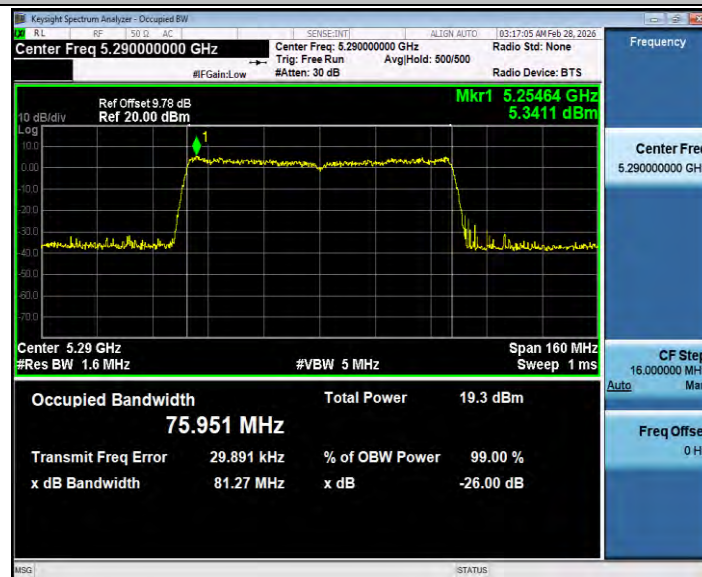
11AC40SISO_Ant1_5270



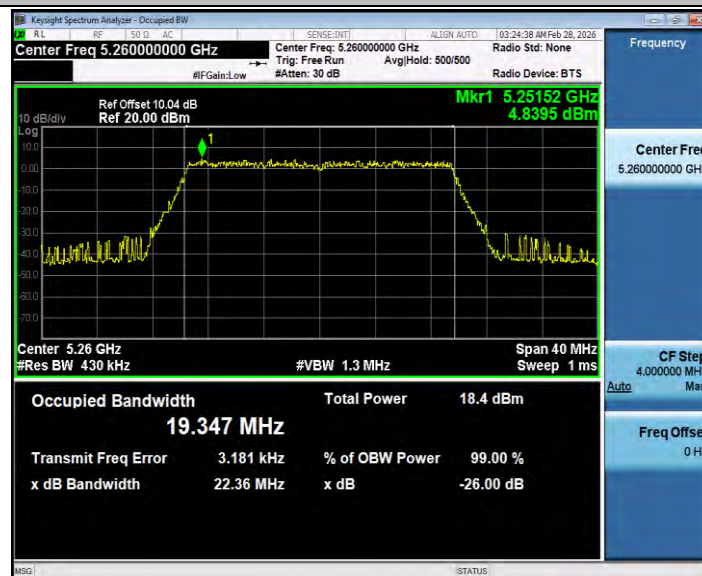
11AC40SISO_Ant1_5310



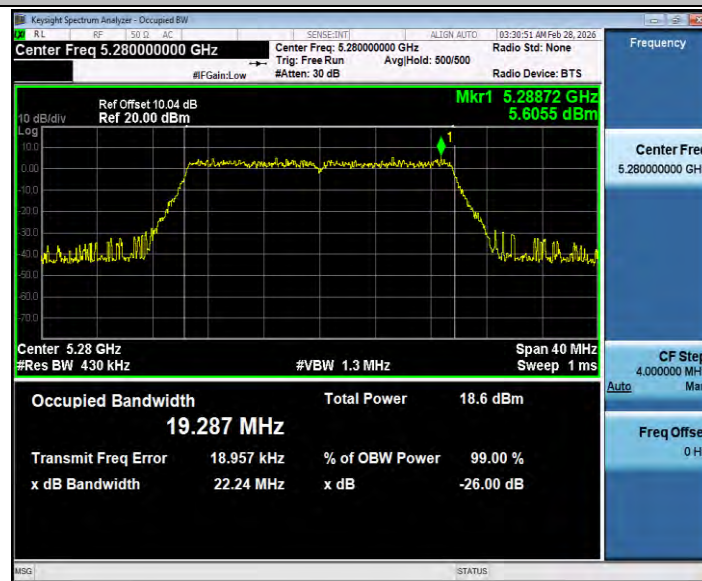
11AC80SISO_Ant1_5290



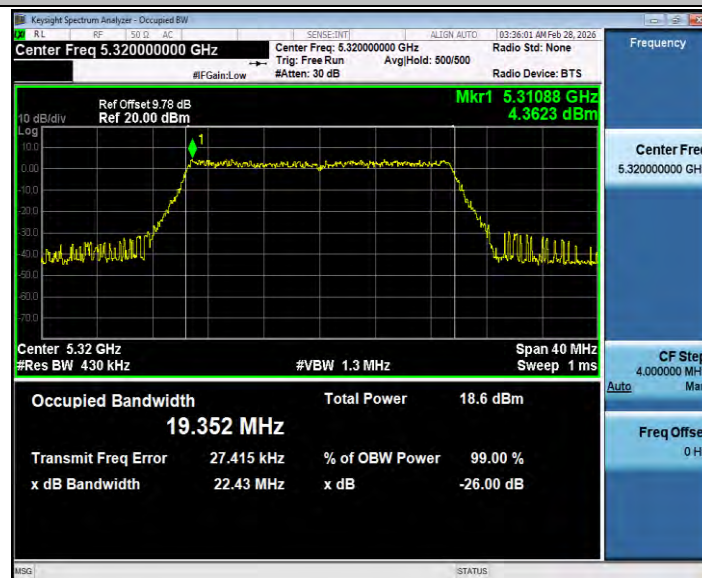
11AX20SISO_Ant1_5260



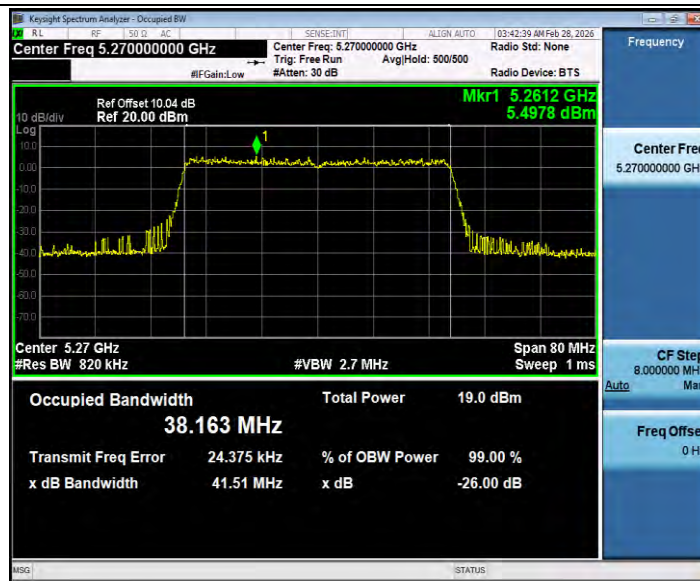
11AX20SISO_Ant1_5280



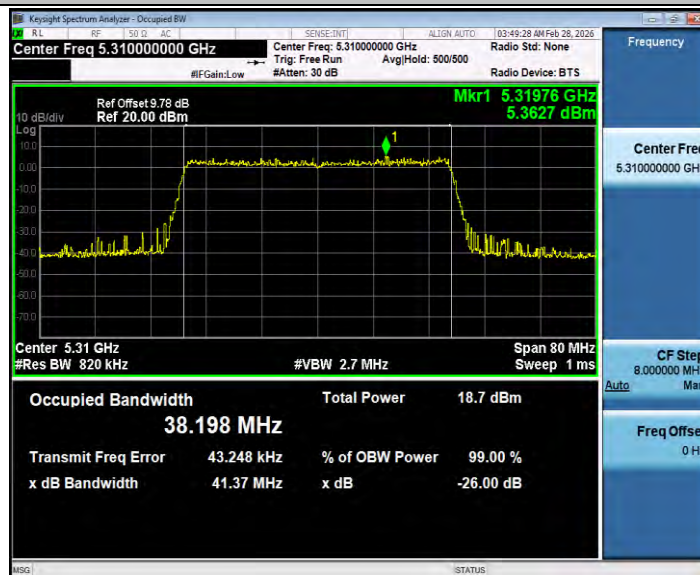
11AX20SISO_Ant1_5320



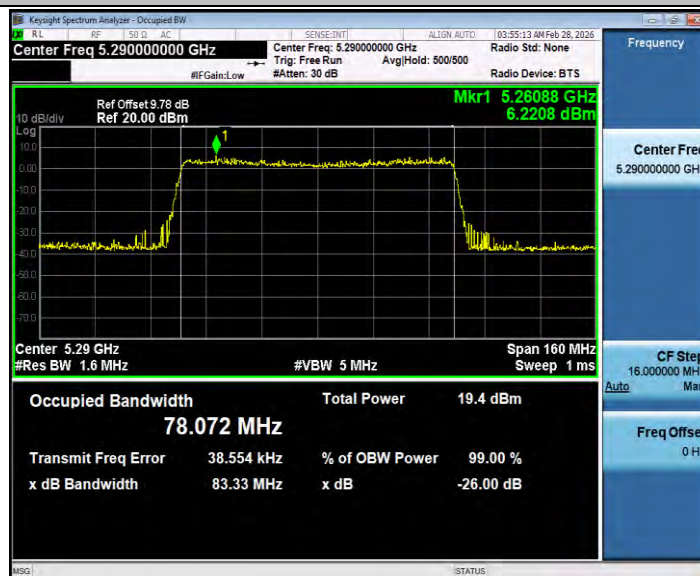
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

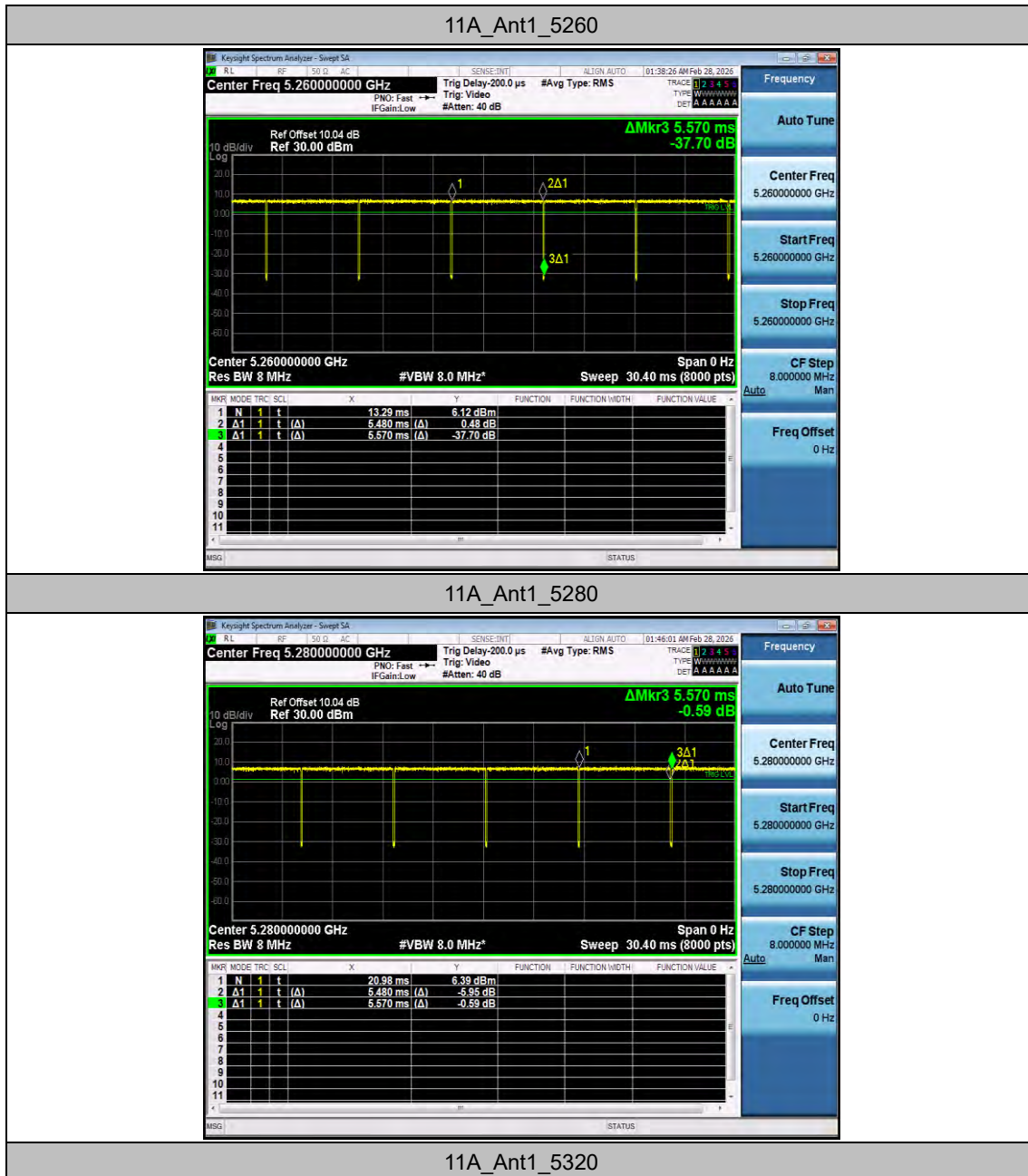


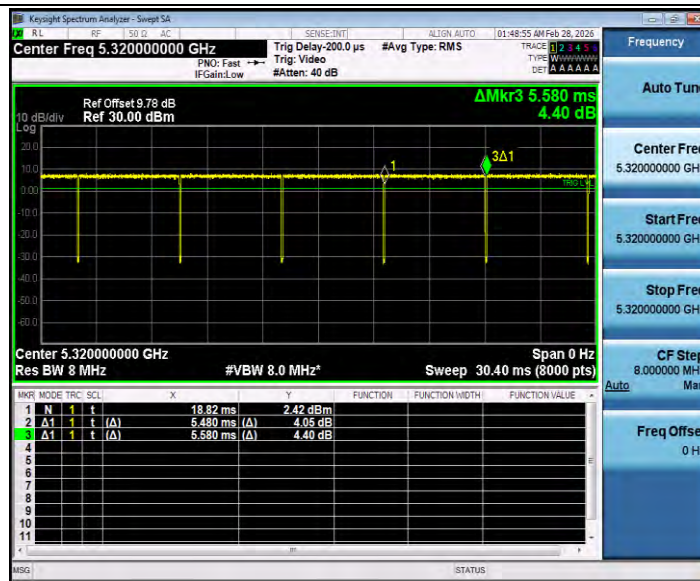
AppendixE.3: Duty Cycle

Test Result

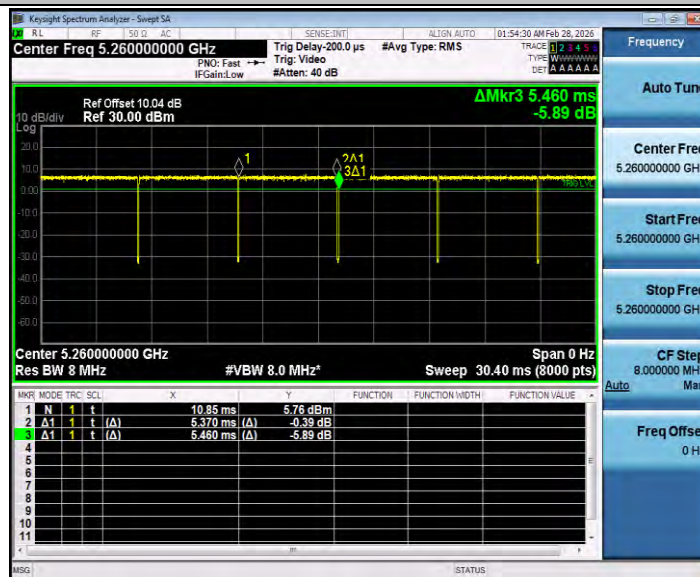
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	5.48	5.57	98.38	0.07	0.18
		5280	5.48	5.57	98.38	0.07	0.18
		5320	5.48	5.58	98.21	0.08	0.18
11N20SISO	Ant1	5260	5.37	5.46	98.35	0.07	0.19
		5280	5.37	5.46	98.35	0.07	0.19
		5320	5.36	5.46	98.17	0.08	0.19
11N40SISO	Ant1	5270	5.15	5.24	98.28	0.08	0.19
		5310	5.16	5.25	98.29	0.07	0.19
11AC20SISO	Ant1	5260	5.38	5.47	98.35	0.07	0.19
		5280	5.38	5.47	98.35	0.07	0.19
		5320	5.38	5.47	98.35	0.07	0.19
11AC40SISO	Ant1	5270	5.15	5.24	98.28	0.08	0.19
		5310	5.16	5.25	98.29	0.07	0.19
11AC80SISO	Ant1	5290	4.75	4.84	98.14	0.08	0.21
11AX20SISO	Ant1	5260	4.65	4.74	98.10	0.08	0.22
		5280	4.65	4.74	98.10	0.08	0.22
		5320	4.65	4.73	98.31	0.07	0.22
11AX40SISO	Ant1	5270	4.64	4.73	98.10	0.08	0.22
		5310	4.64	4.73	98.10	0.08	0.22
11AX80SISO	Ant1	5290	4.42	4.51	98.00	0.09	0.23

Test Graphs

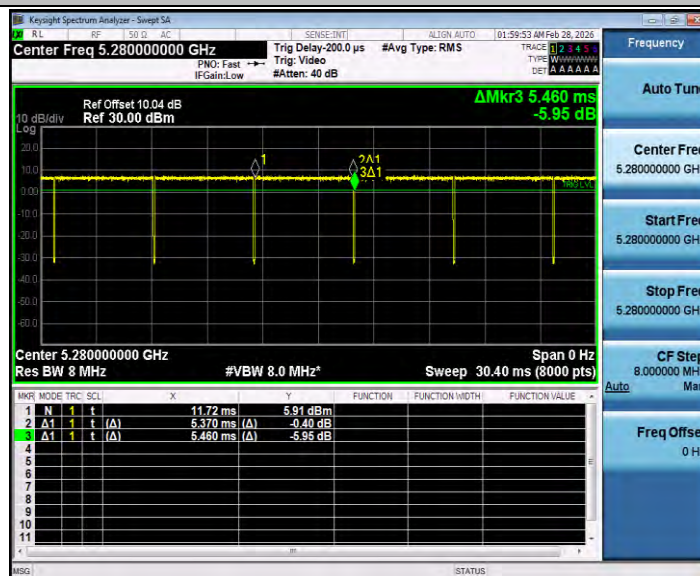




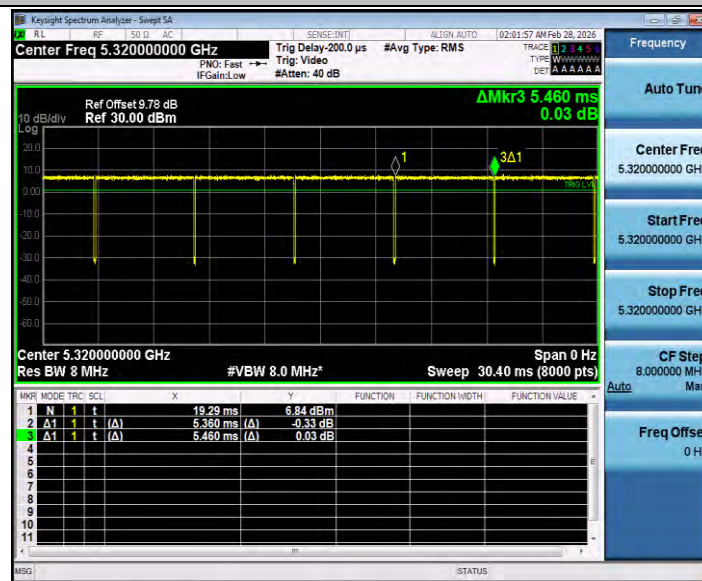
11N20SISO_Ant1_5260



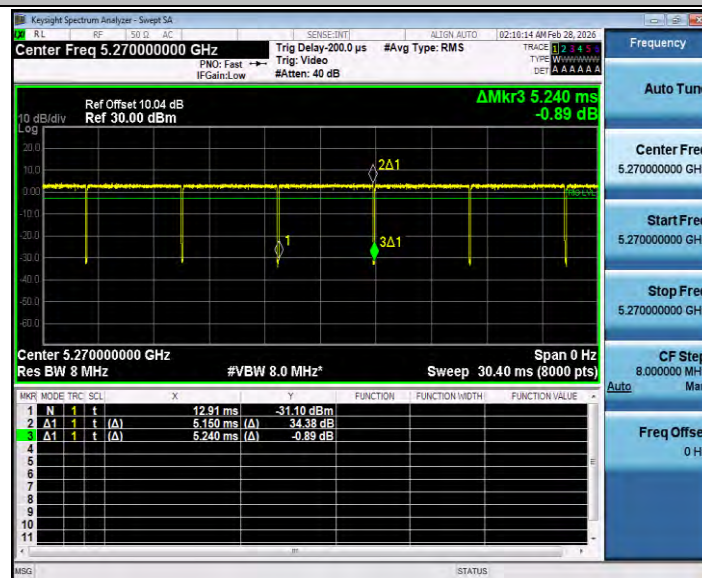
11N20SISO_Ant1_5280



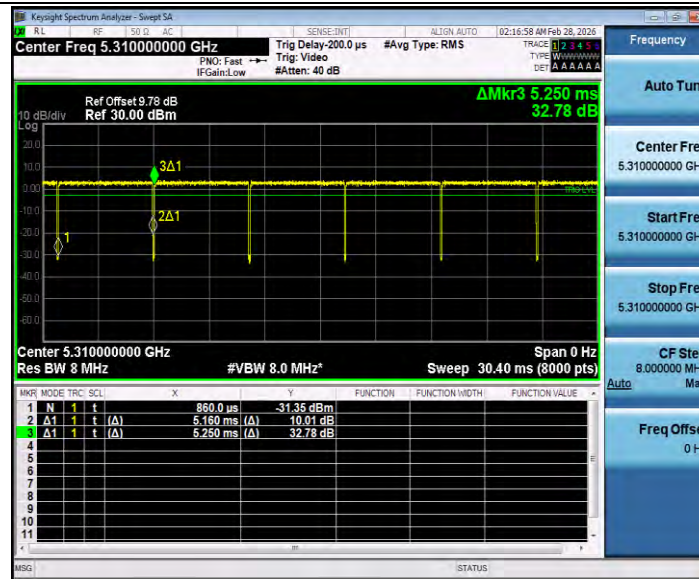
11N20SISO_Ant1_5320



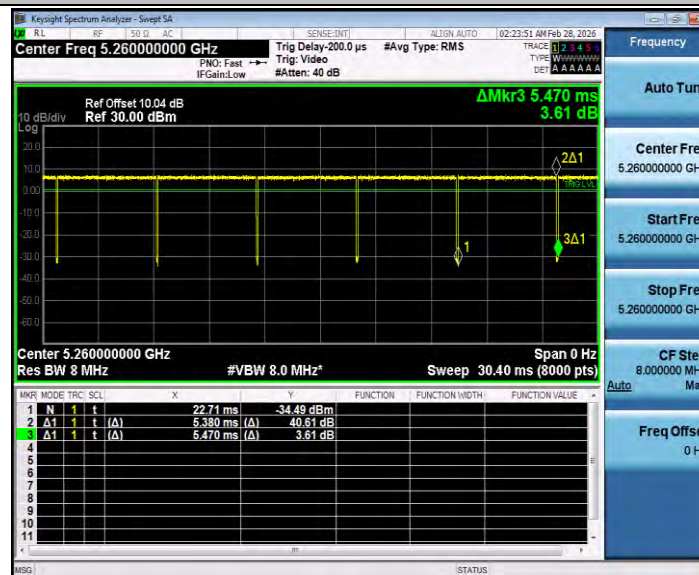
11N40SISO_Ant1_5270



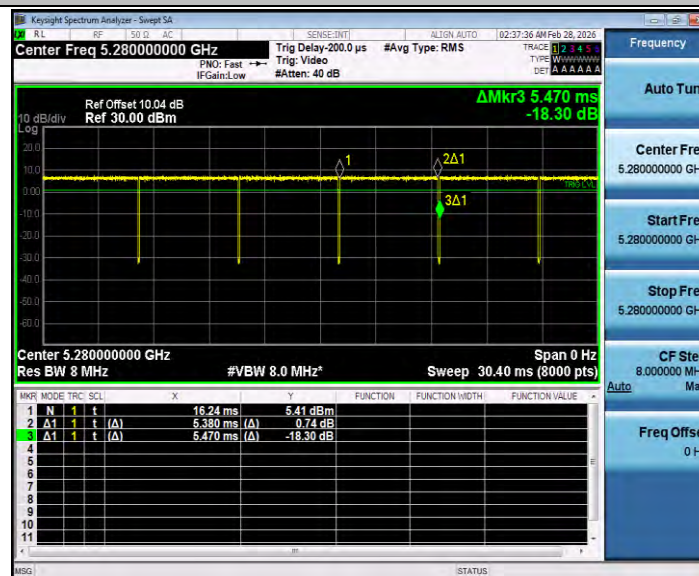
11N40SISO_Ant1_5310



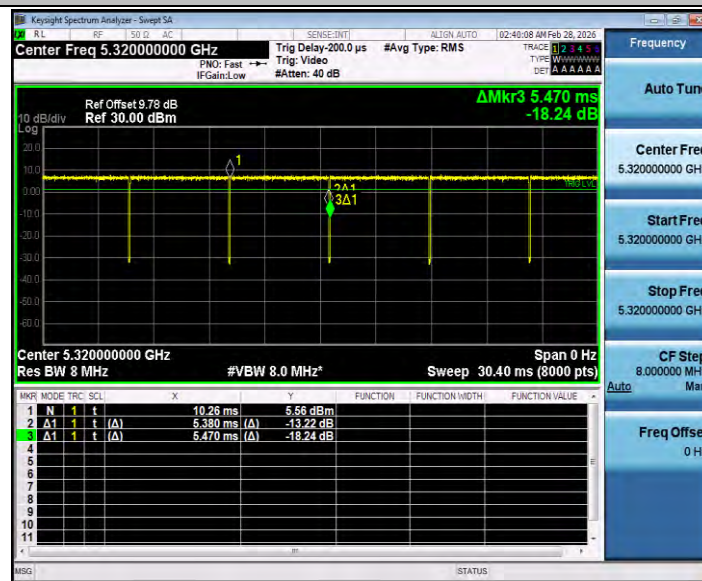
11AC20SISO_Ant1_5260



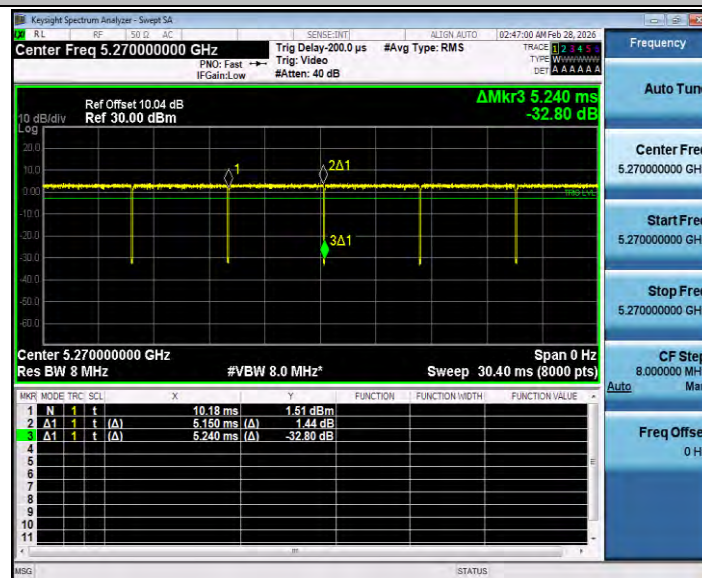
11AC20SISO_Ant1_5280



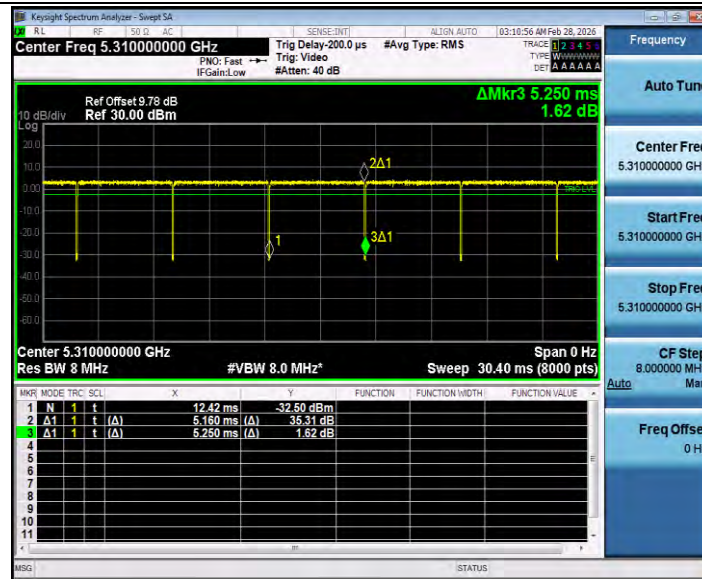
11AC20SISO_Ant1_5320



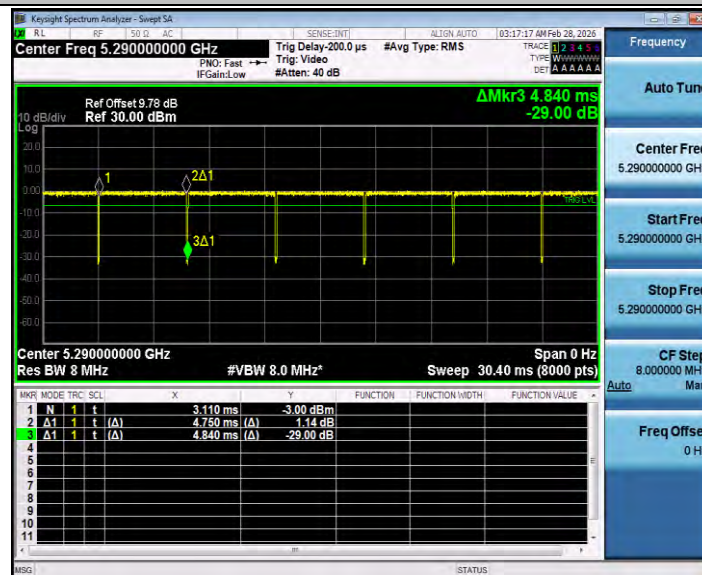
11AC40SISO_Ant1_5270



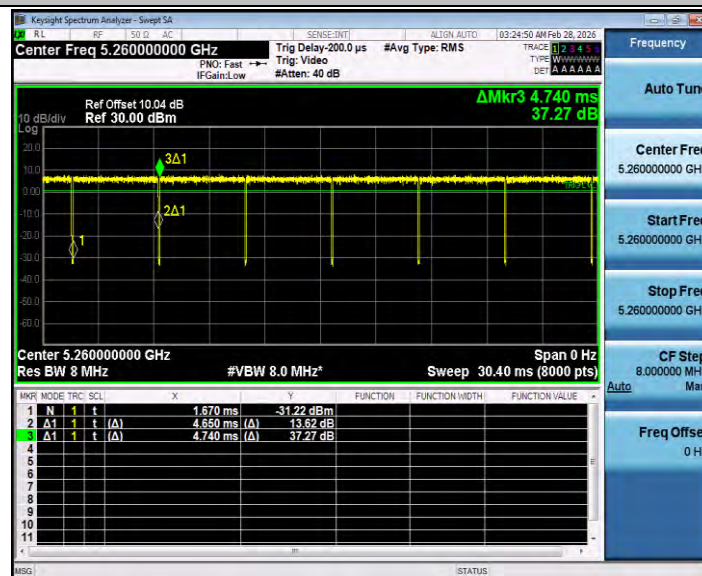
11AC40SISO_Ant1_5310



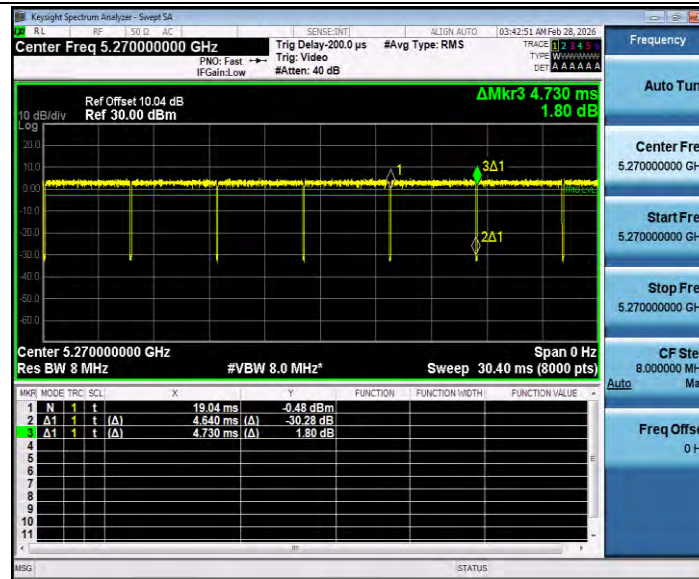
11AC80SISO_Ant1_5290



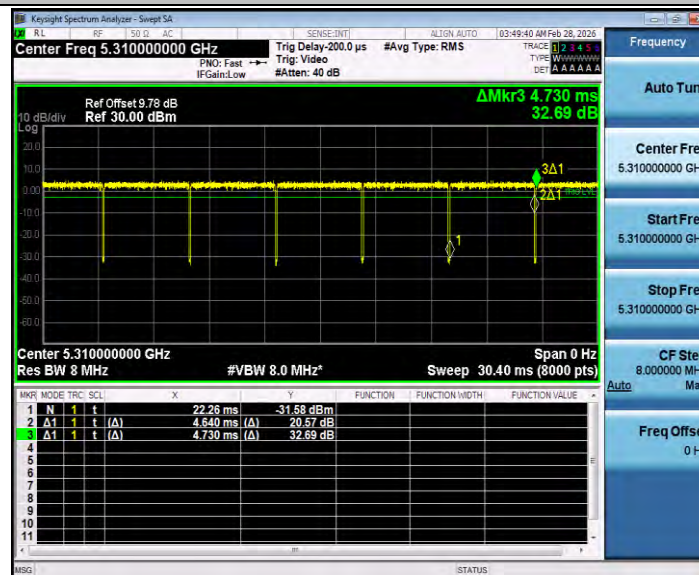
11AX20SISO_Ant1_5260







11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

