

Case No. : <u>GTS20230704026-1-23</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.7.28</u> Test Engineer: <u>Evan Ouyang</u>

Appendix E.1: Emission Bandwidth

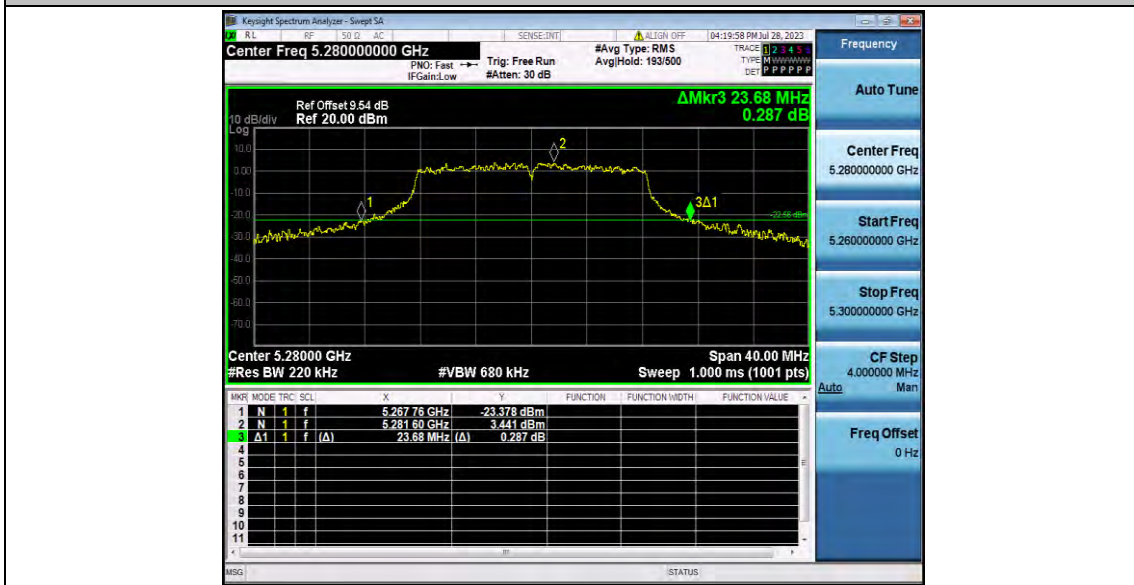
Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5260	23.600	5247.960	5271.560	---	---
		5280	23.680	5267.760	5291.440	---	---
		5320	23.320	5308.560	5331.880	---	---
11N20SISO	Ant0	5260	30.840	5244.440	5275.280	---	---
		5280	30.440	5264.600	5295.040	---	---
		5320	25.760	5307.440	5333.200	---	---
11N40SISO	Ant0	5270	39.760	5250.160	5289.920	---	---
		5310	39.680	5290.240	5329.920	---	---
11AC20SISO	Ant0	5260	24.560	5247.440	5272.000	---	---
		5280	24.000	5267.920	5291.920	---	---
		5320	24.280	5308.280	5332.560	---	---
11AC40SISO	Ant0	5270	41.360	5249.440	5290.800	---	---
		5310	40.960	5289.600	5330.560	---	---
11AC80SISO	Ant0	5290	80.640	5249.840	5330.480	---	---
11AX20SISO	Ant0	5260	28.720	5245.520	5274.240	---	---
		5280	26.440	5267.760	5294.200	---	---
		5320	25.560	5308.320	5333.880	---	---
11AX40SISO	Ant0	5270	39.680	5250.160	5289.840	---	---
		5310	51.760	5290.080	5341.840	---	---
11AX80SISO	Ant0	5290	80.320	5250.000	5330.320	---	---

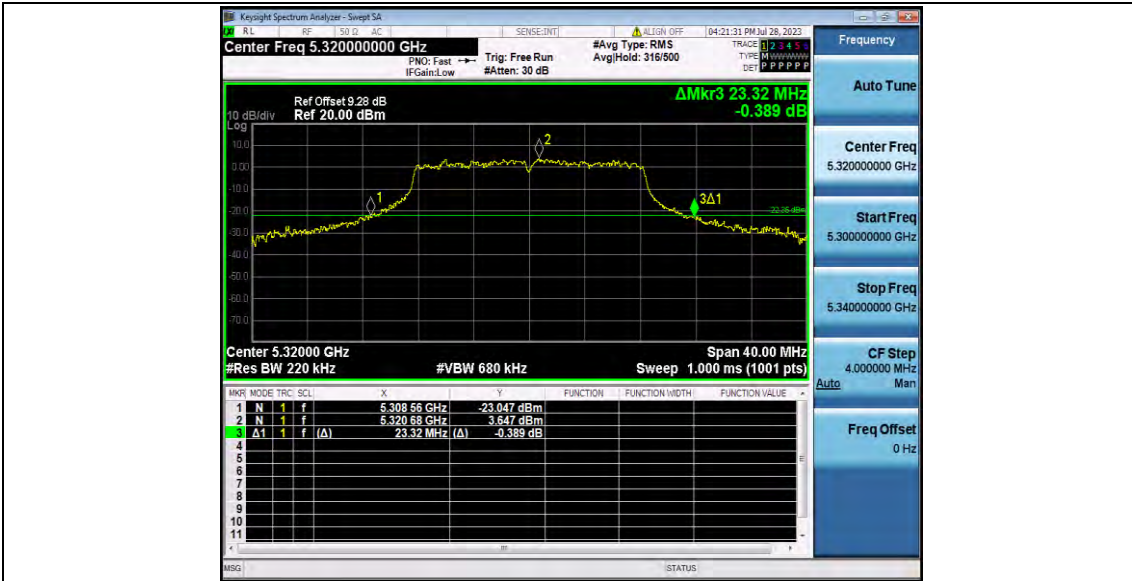
Test Graphs



11A_Ant0_5260



11A_Ant0_5280



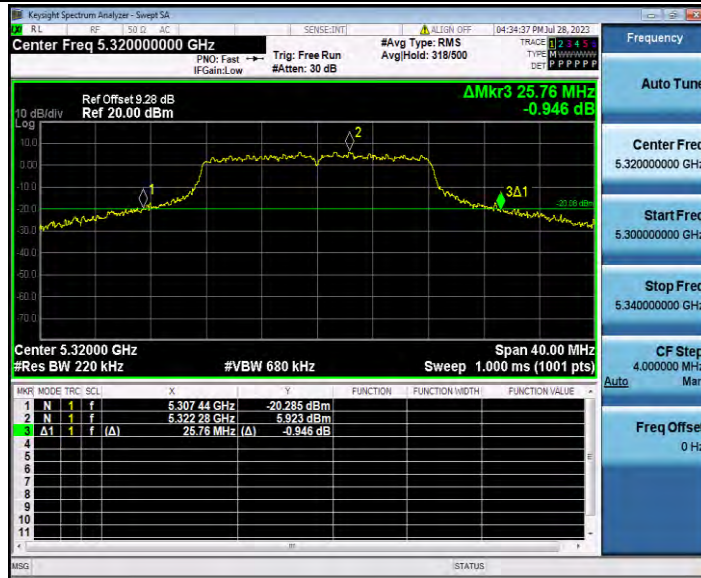
11A_Ant0_5320



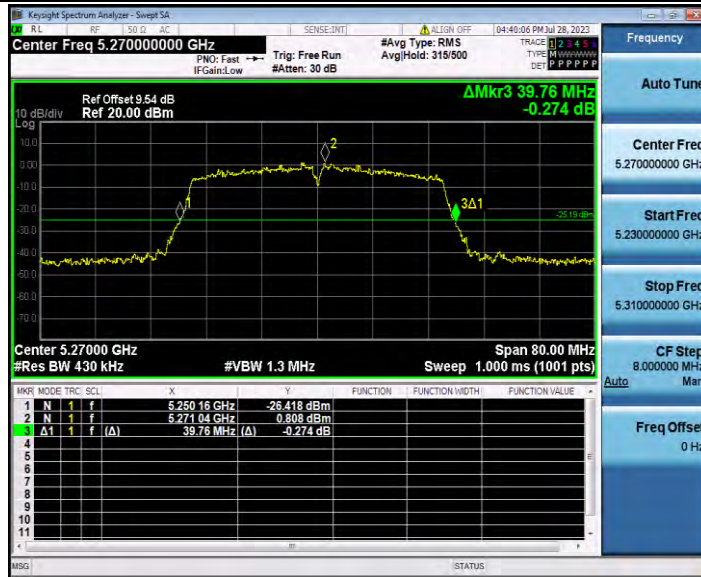
11N20SISO_Ant0_5260



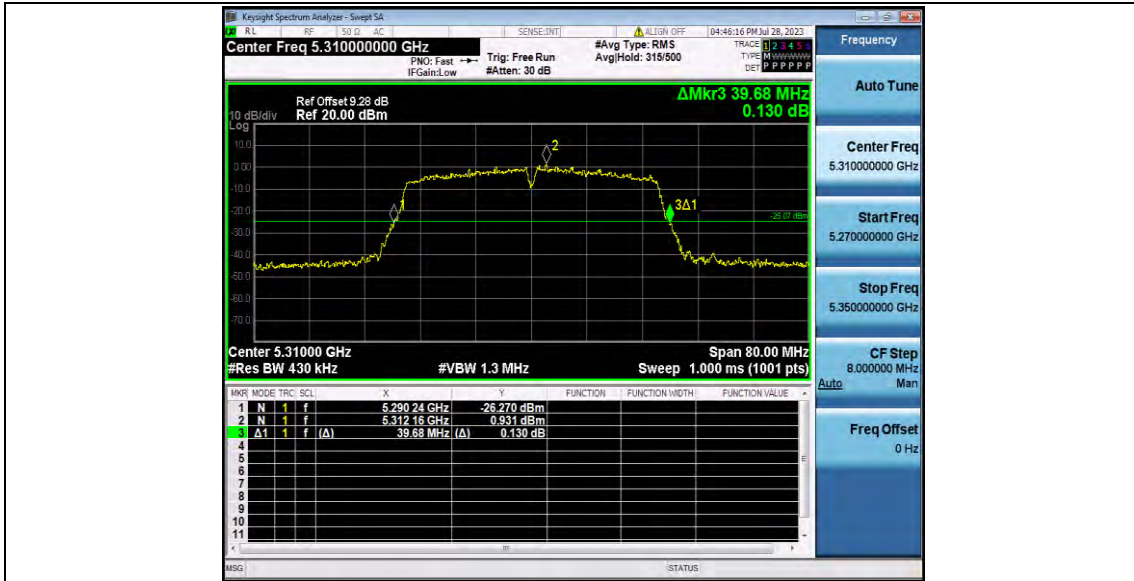
11N20SISO_Ant0_5280



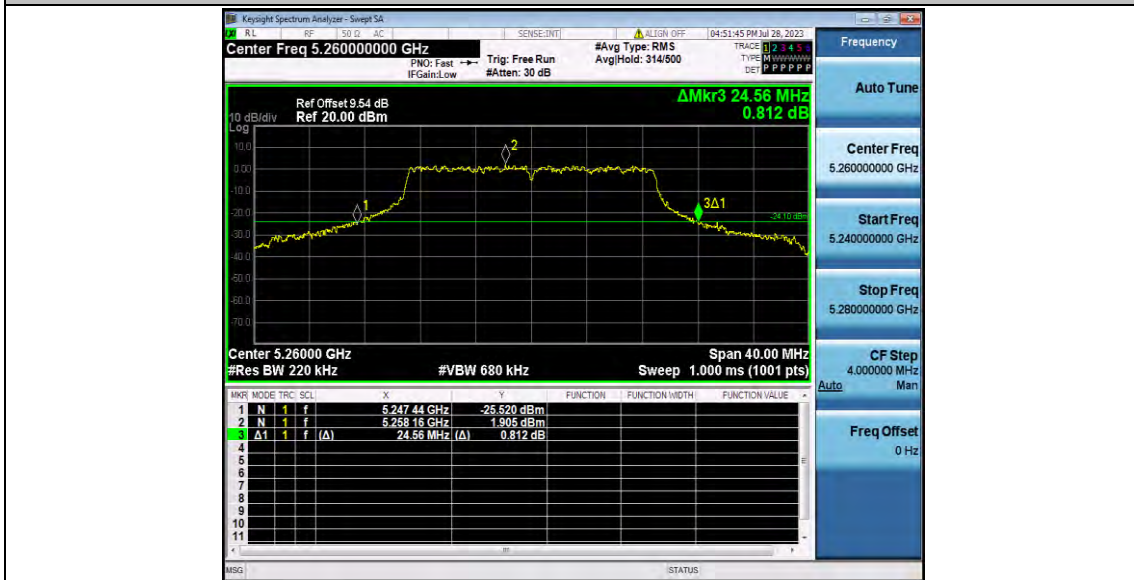
11N20SISO_Ant0_5320



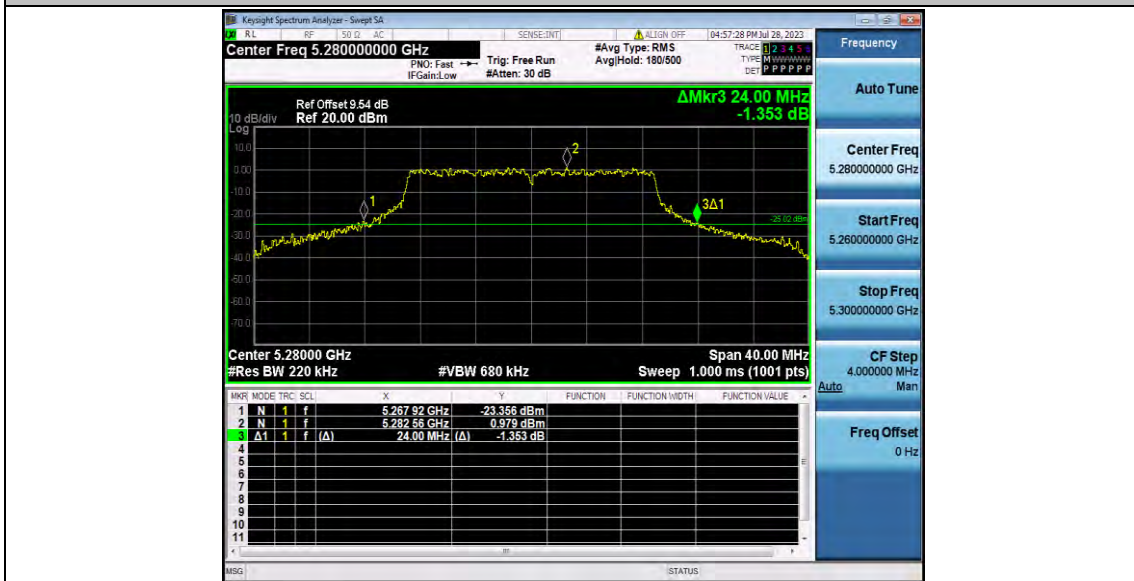
11N40SISO_Ant0_5270



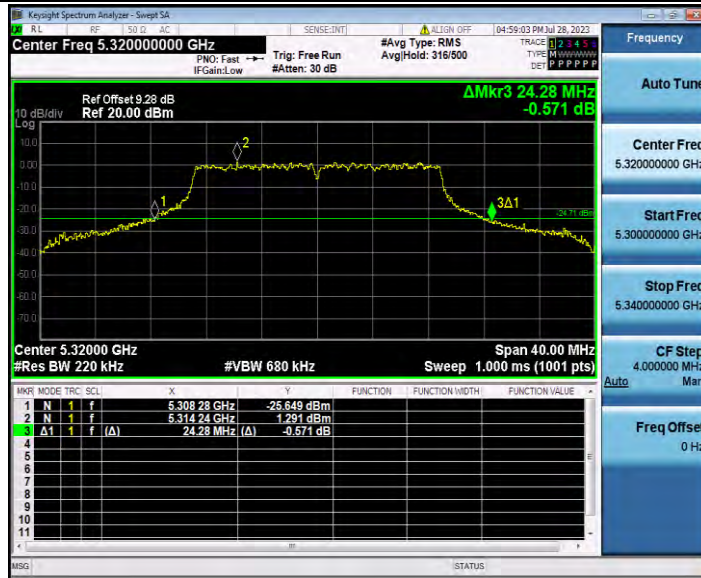
11N40SISO_Ant0_5310



11AC20SISO_Ant0_5260



11AC20SISO_Ant0_5280



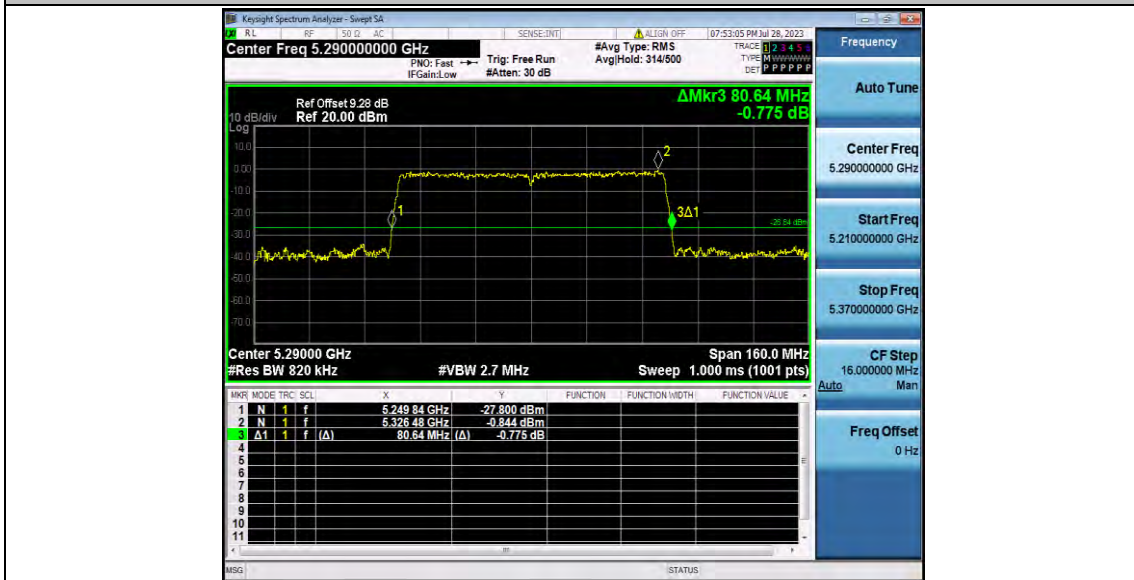
11AC20SISO_Ant0_5320



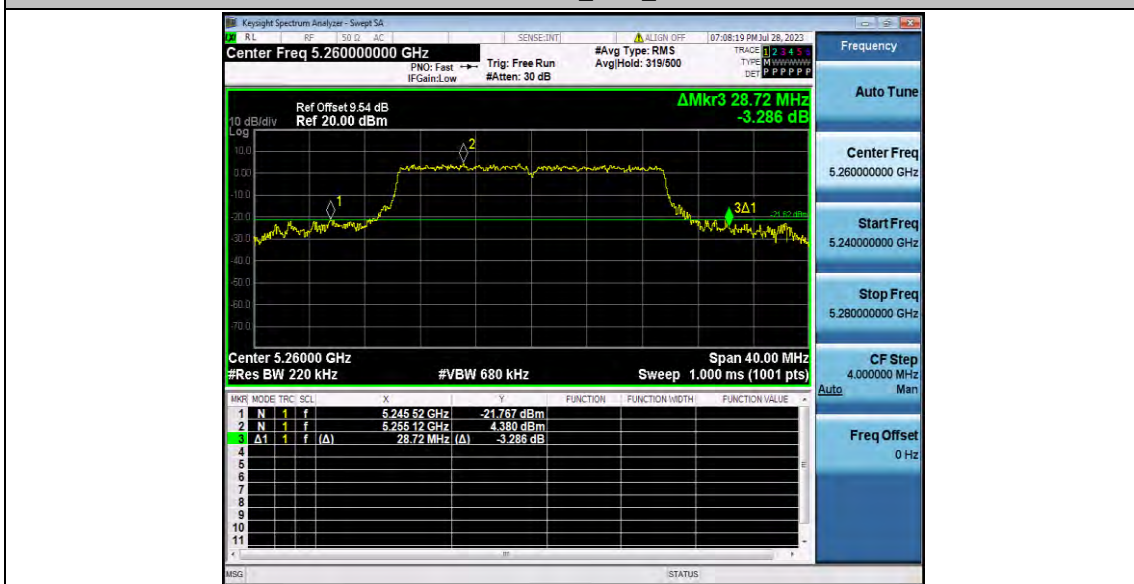
11AC40SISO_Ant0_5270



11AC40SISO_Ant0_5310



11AC80SISO_Ant0_5290



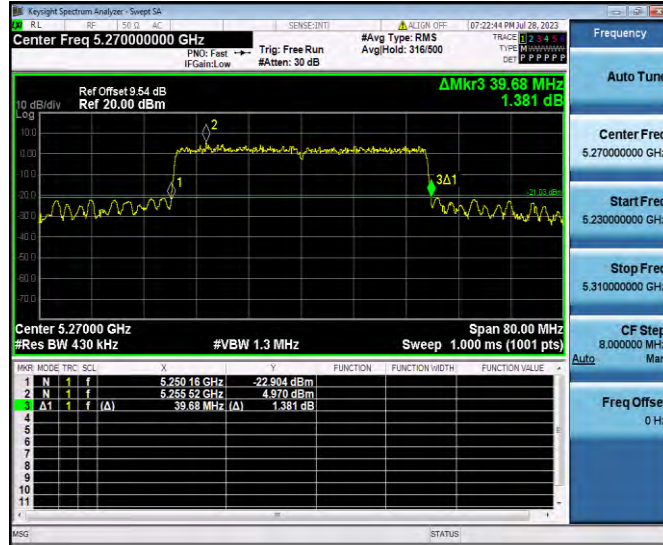
11AX20SISO_Ant0_5260



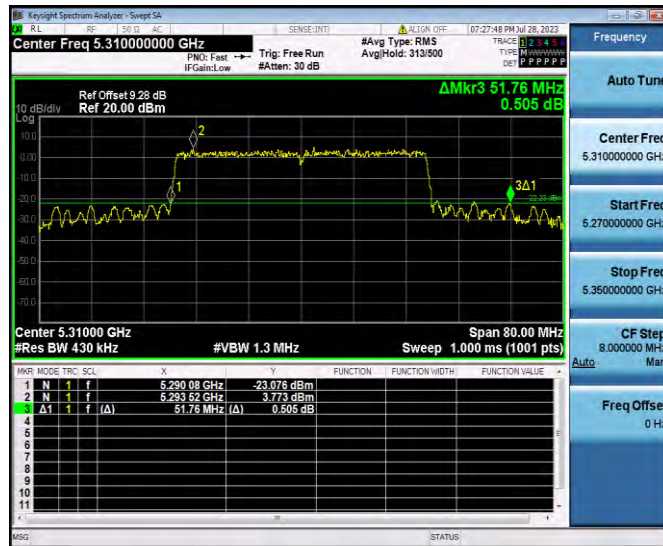
11AX20SISO_Ant0_5280



11AX20SISO_Ant0_5320



11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



11AX80SISO_Ant0_5290

Appendix E.2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5260	17.573	5251.103	5268.676	---	---
		5280	17.515	5271.173	5288.688	---	---
		5320	17.436	5311.244	5328.680	---	---
11N20SISO	Ant0	5260	18.809	5250.435	5269.244	---	---
		5280	18.522	5270.694	5289.216	---	---
		5320	17.932	5311.115	5329.047	---	---
11N40SISO	Ant0	5270	35.979	5252.033	5288.012	---	---
		5310	35.977	5292.095	5328.072	---	---
11AC20SISO	Ant0	5260	18.701	5250.586	5269.287	---	---
		5280	18.747	5270.605	5289.352	---	---
		5320	18.610	5310.706	5329.316	---	---
11AC40SISO	Ant0	5270	36.804	5251.681	5288.485	---	---
		5310	36.686	5291.803	5328.489	---	---
11AC80SISO	Ant0	5290	76.423	5252.008	5328.431	---	---
11AX20SISO	Ant0	5260	19.461	5250.248	5269.709	---	---
		5280	19.490	5270.266	5289.756	---	---
		5320	19.365	5310.353	5329.718	---	---
11AX40SISO	Ant0	5270	38.079	5250.920	5288.999	---	---
		5310	38.085	5291.028	5329.113	---	---
11AX80SISO	Ant0	5290	77.895	5251.149	5329.044	---	---

Test Graphs



11A_Ant0_5260



11A_Ant0_5280



11A_Ant0_5320



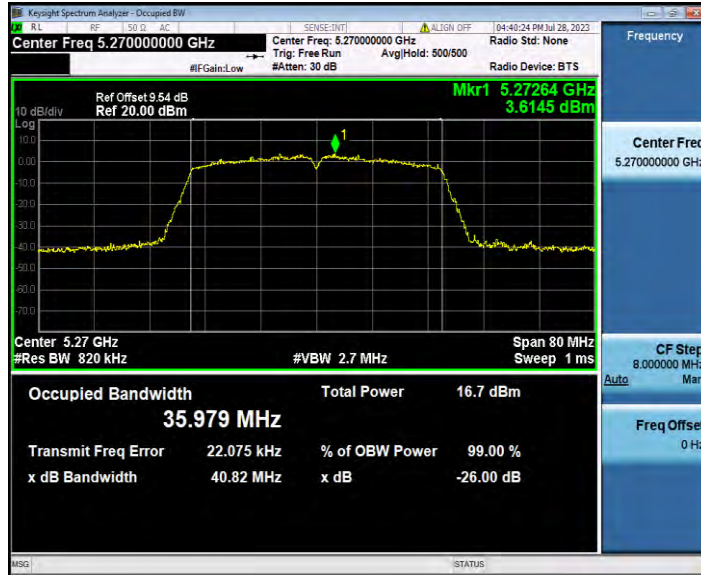
11N20SISO_Ant0_5260



11N20SISO_Ant0_5280



11N20SISO_Ant0_5320



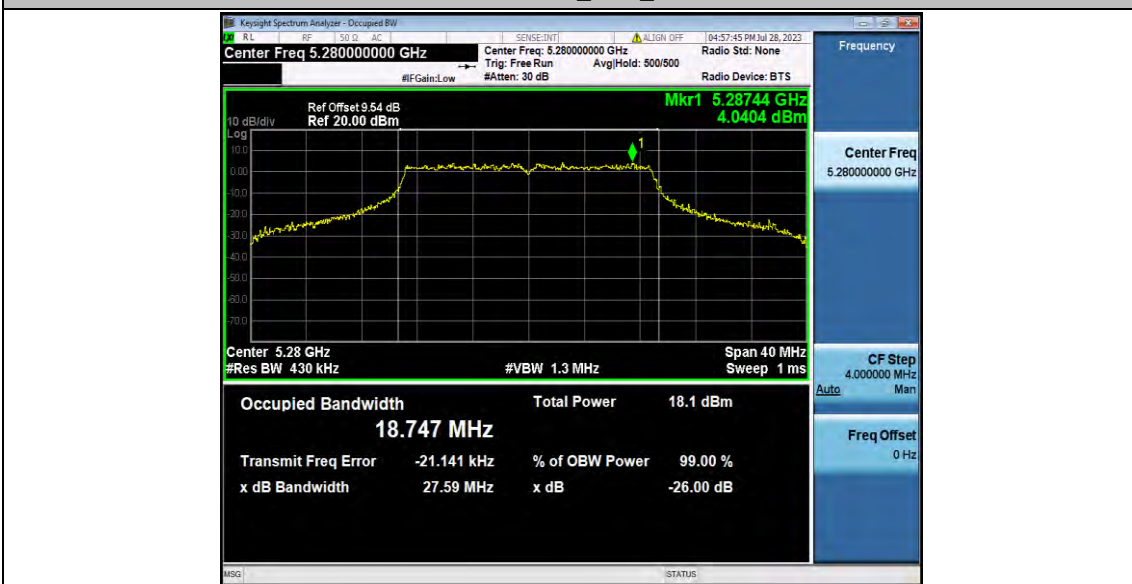
11N40SISO_Ant0_5270



11N40SISO_Ant0_5310



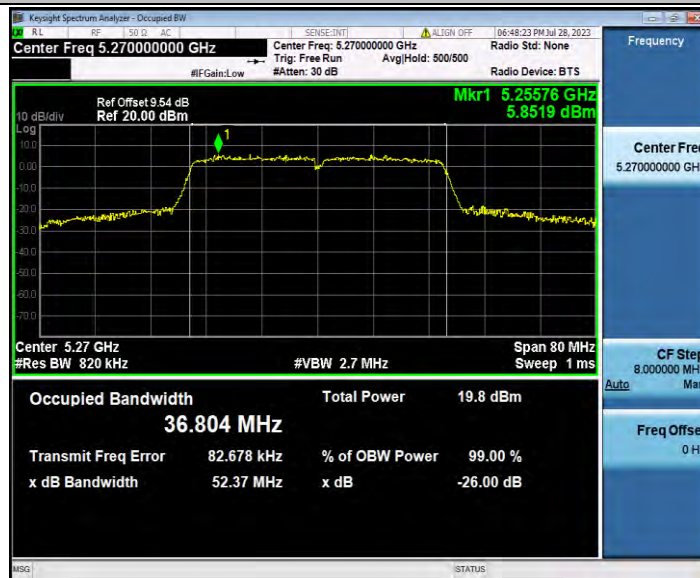
11AC20SISO_Ant0_5260



11AC20SISO_Ant0_5280



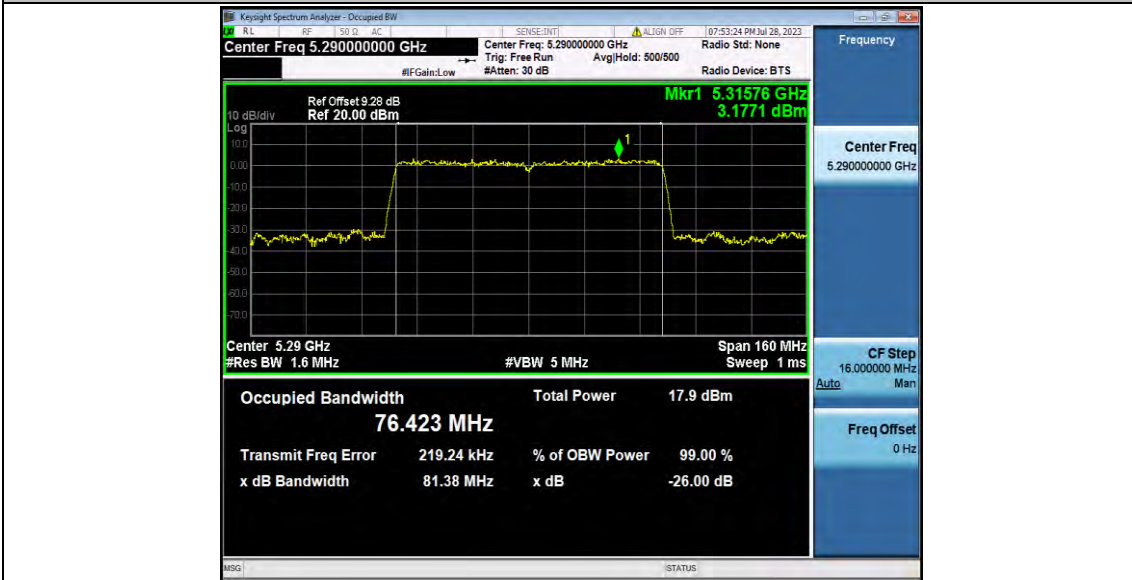
11AC20SISO_Ant0_5320



11AC40SISO_Ant0_5270



11AC40SISO_Ant0_5310



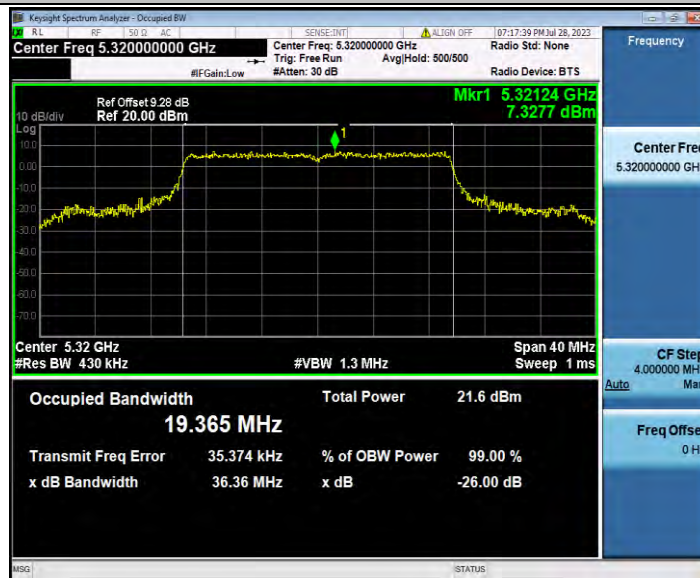
11AC80SISO_Ant0_5290



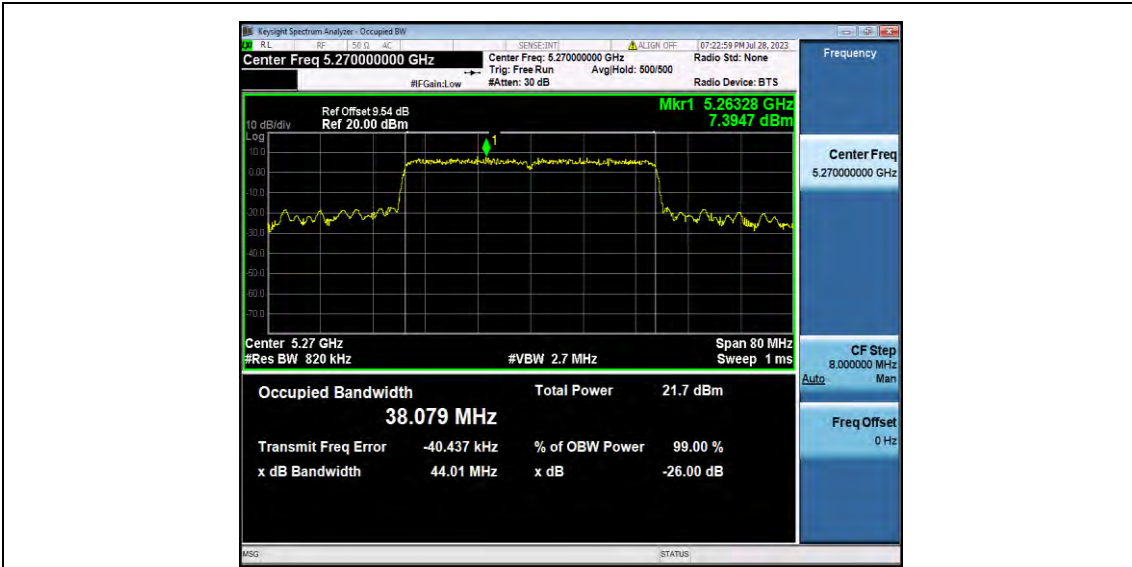
11AX20SISO_Ant0_5260



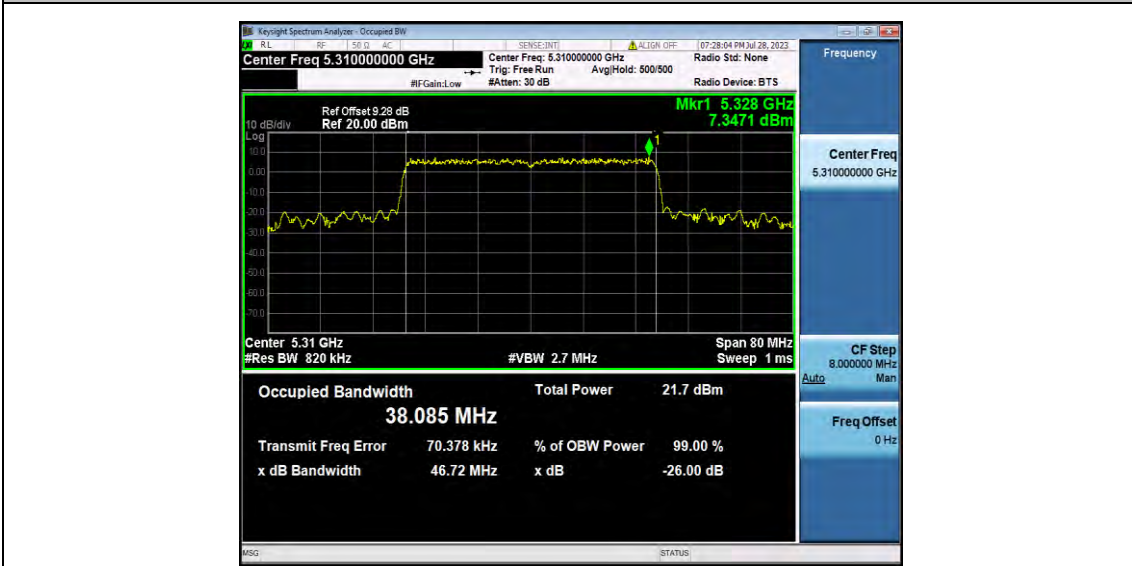
11AX20SISO_Ant0_5280



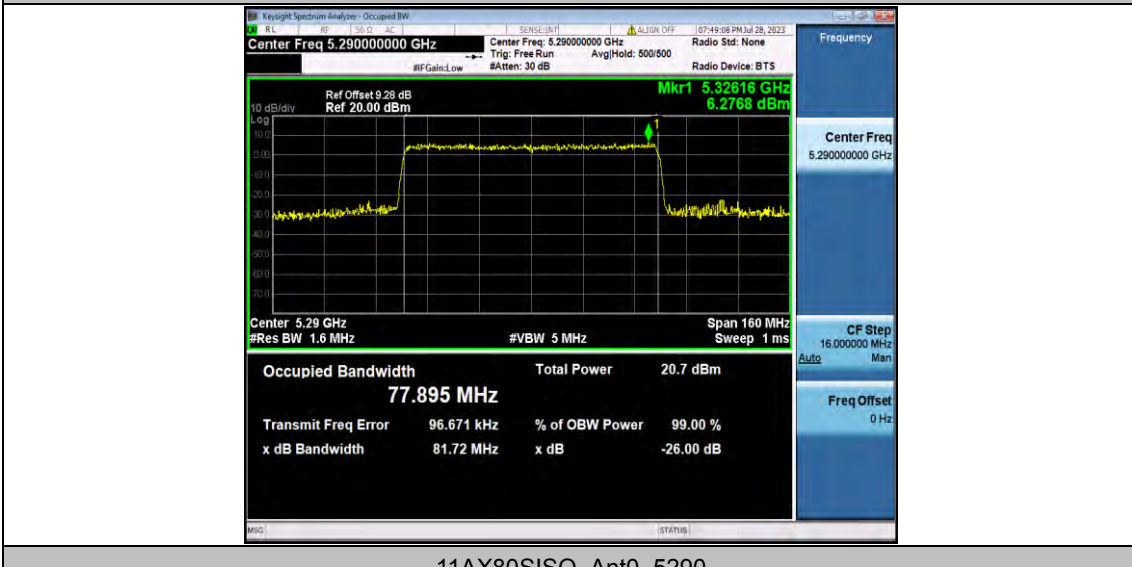
11AX20SISO_Ant0_5320



11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



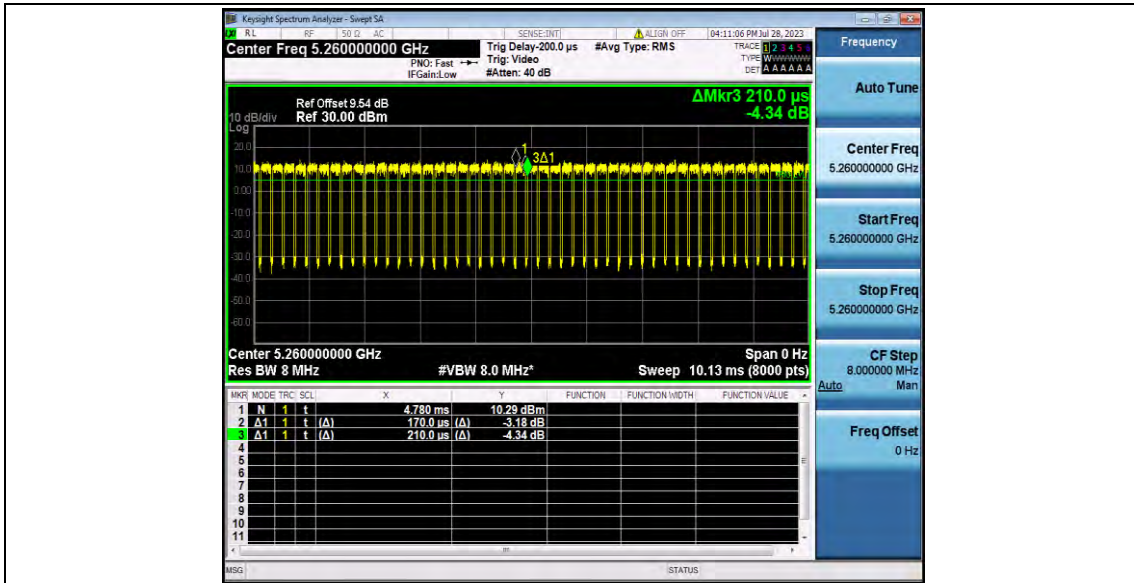
11AX80SISO_Ant0_5290

Appendix E.3: Duty Cycle

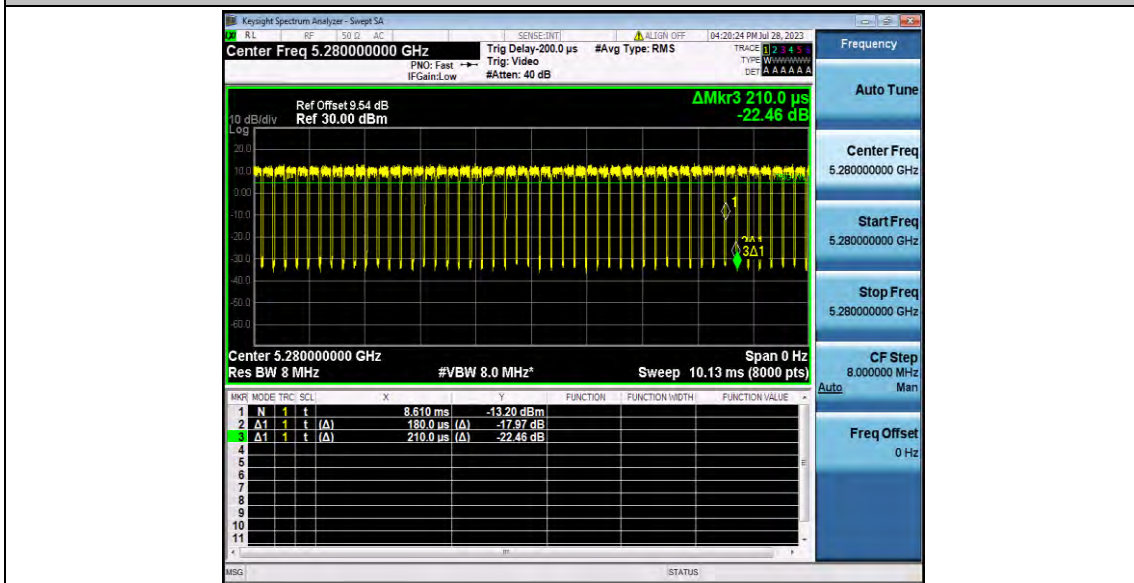
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant0	5260	0.17	0.21	80.95
		5280	0.18	0.21	85.71
		5320	0.17	0.21	80.95
11N20SISO	Ant0	5260	0.71	0.74	95.95
		5280	0.71	0.75	94.67
		5320	0.70	0.74	94.59
11N40SISO	Ant0	5270	3.33	4.80	69.38
		5310	3.33	4.79	69.52
11AC20SISO	Ant0	5260	0.15	0.18	83.33
		5280	0.14	0.18	77.78
		5320	0.15	0.18	83.33
11AC40SISO	Ant0	5270	2.99	5.07	58.97
		5310	3.96	6.70	59.10
11AC80SISO	Ant0	5290	2.88	6.71	42.92
11AX20SISO	Ant0	5260	0.11	0.16	68.75
		5280	0.12	0.17	70.59
		5320	0.12	0.17	70.59
11AX40SISO	Ant0	5270	2.88	5.07	56.80
		5310	2.88	5.06	56.92
11AX80SISO	Ant0	5290	2.55	5.07	50.30

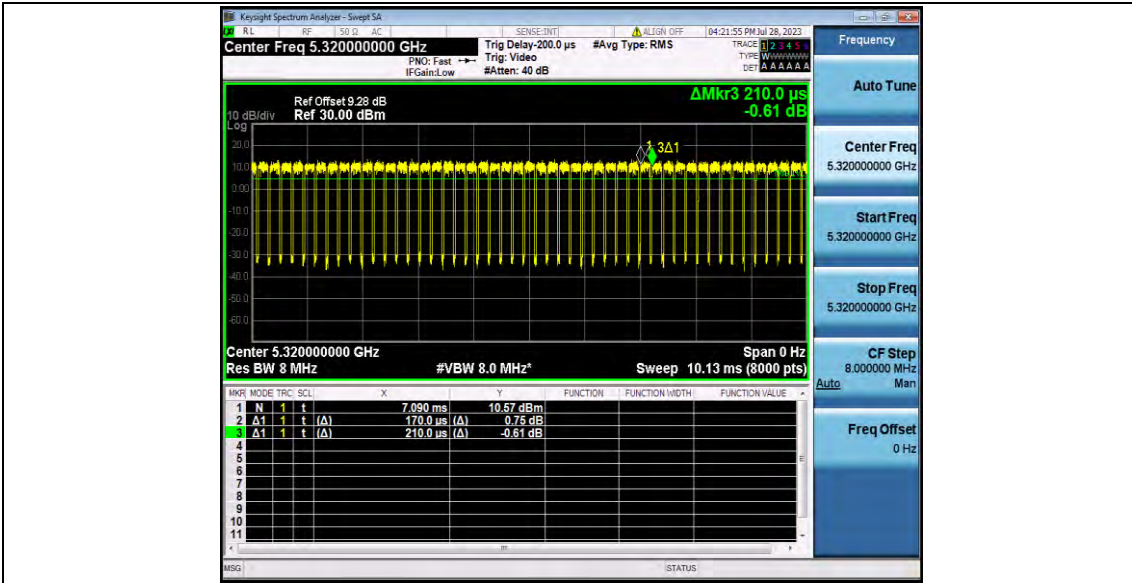
Test Graphs



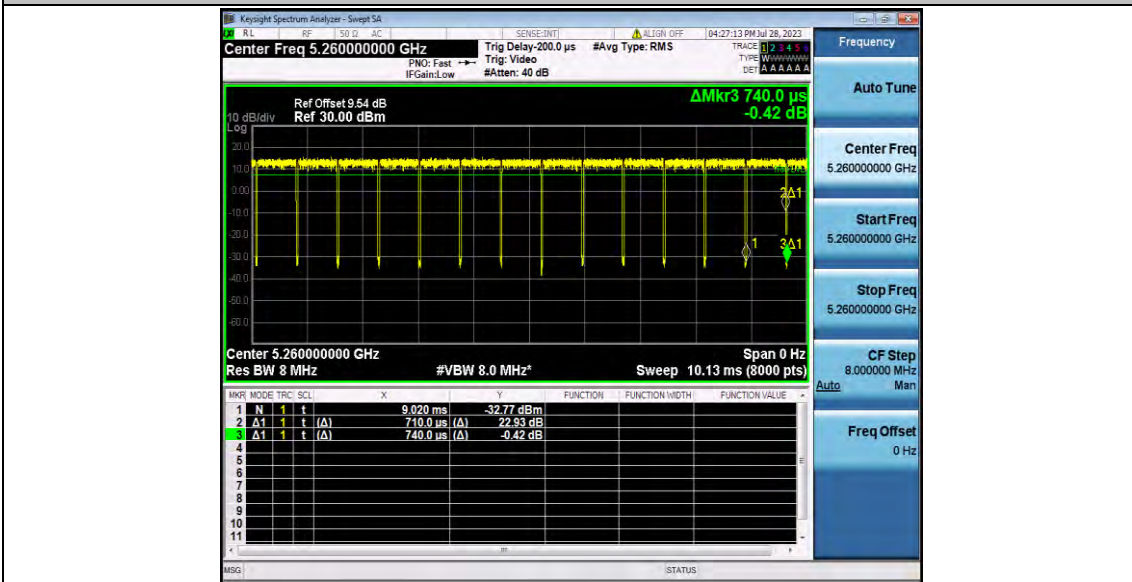
11A_Ant0_5260



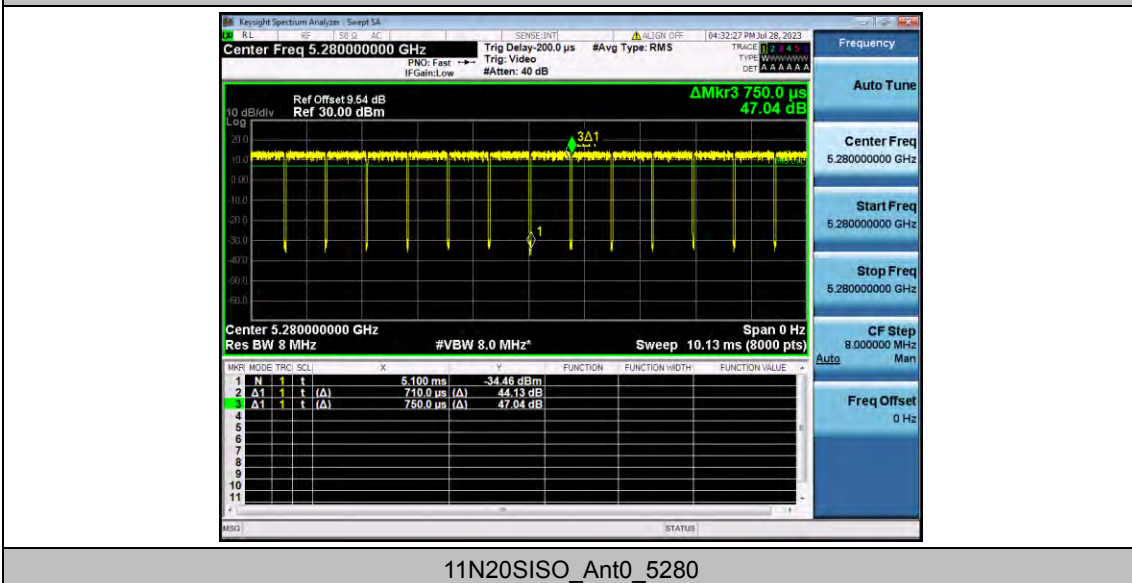
11A_Ant0_5280



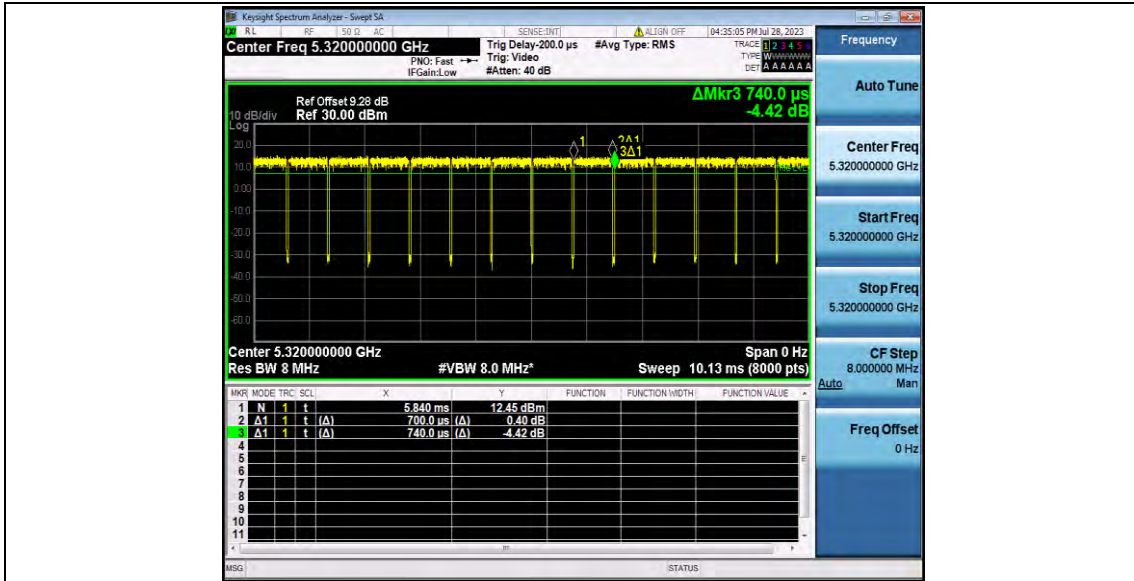
11A_Ant0_5320



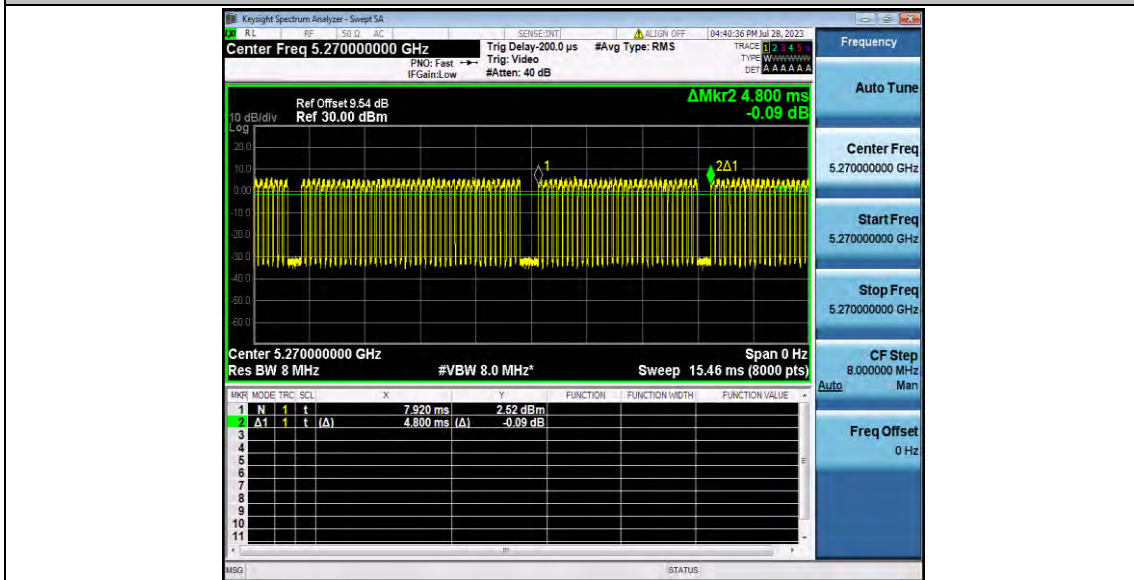
11N20SISO_Ant0_5260



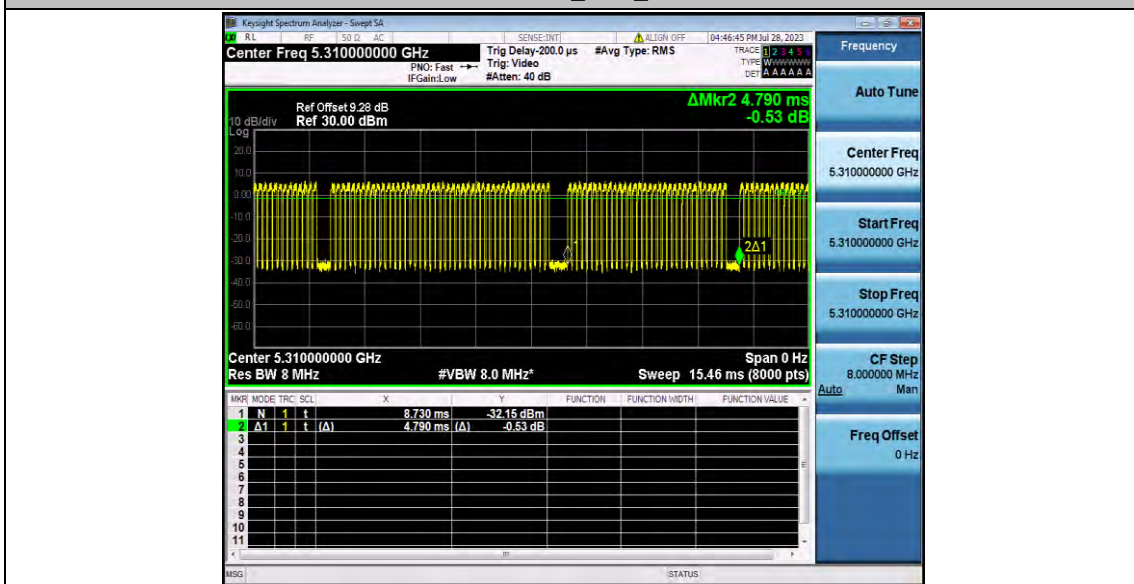
11N20SISO_Ant0_5280



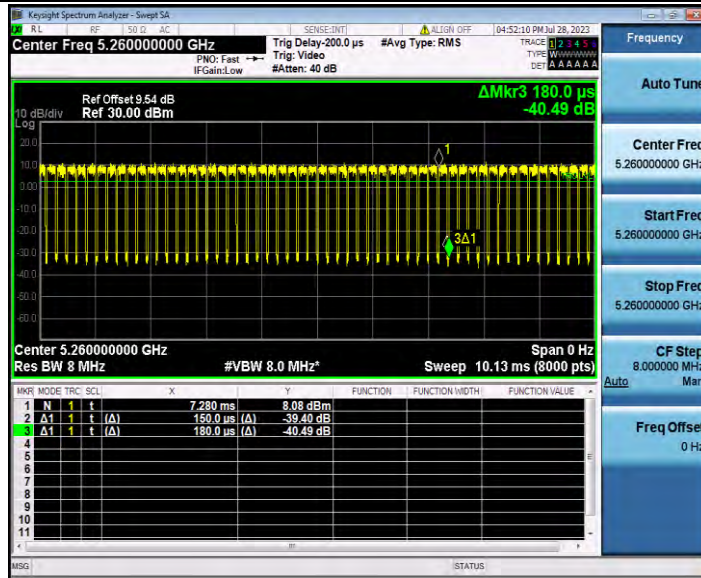
11N20SISO_Ant0_5320



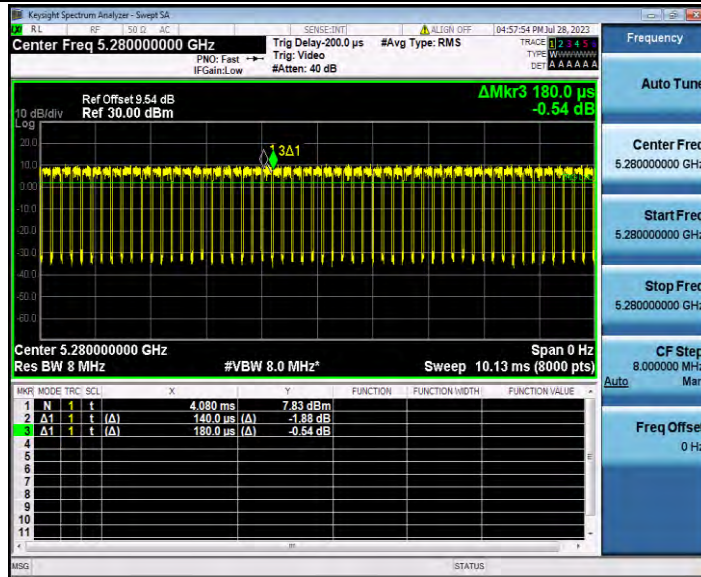
11N40SISO_Ant0_5270



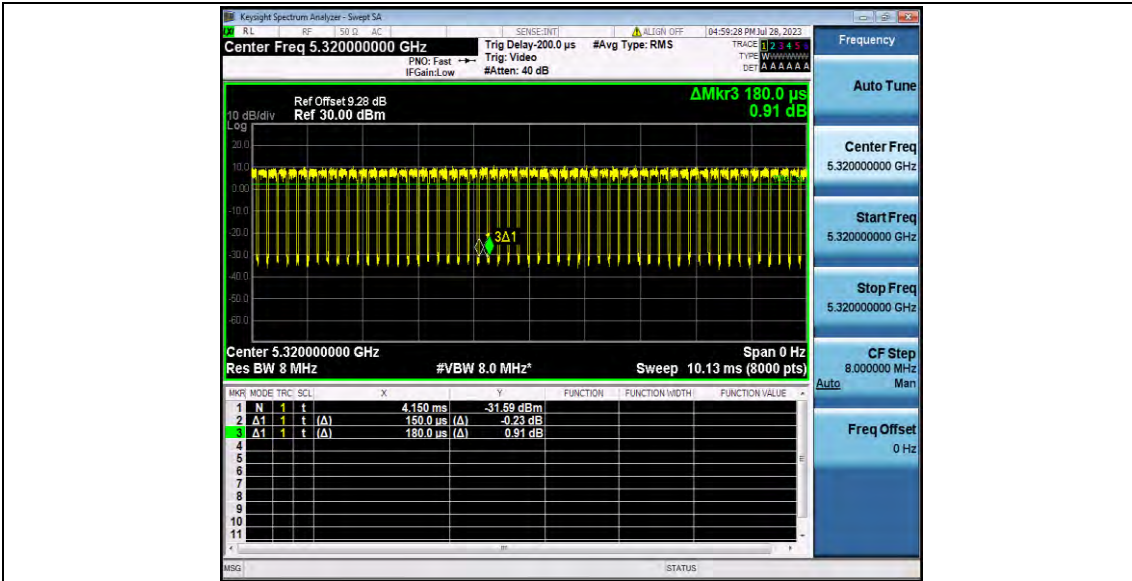
11N40SISO_Ant0_5310



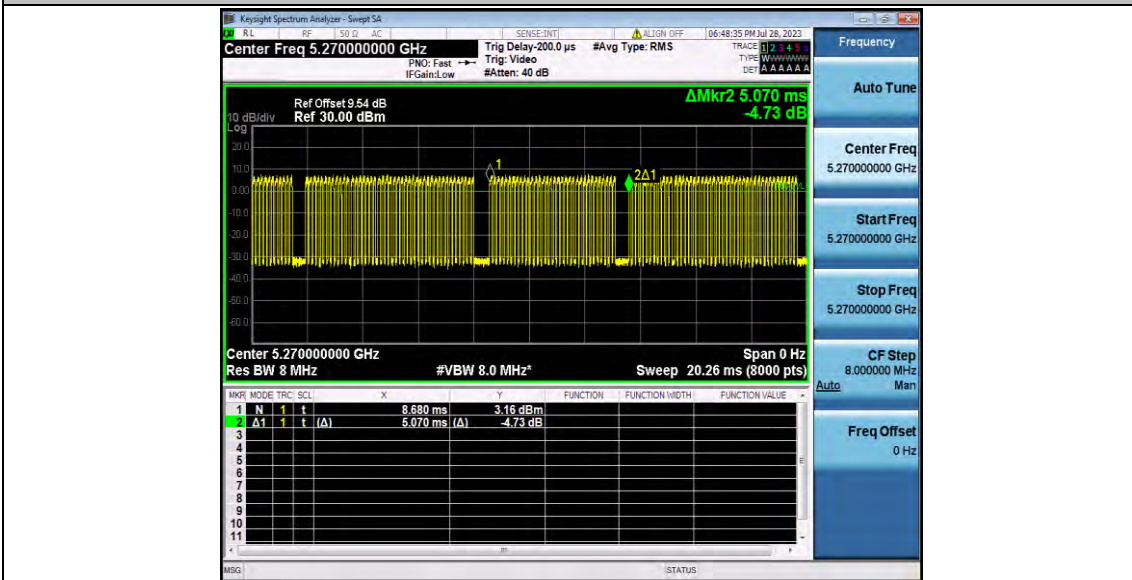
11AC20SISO_Ant0_5260



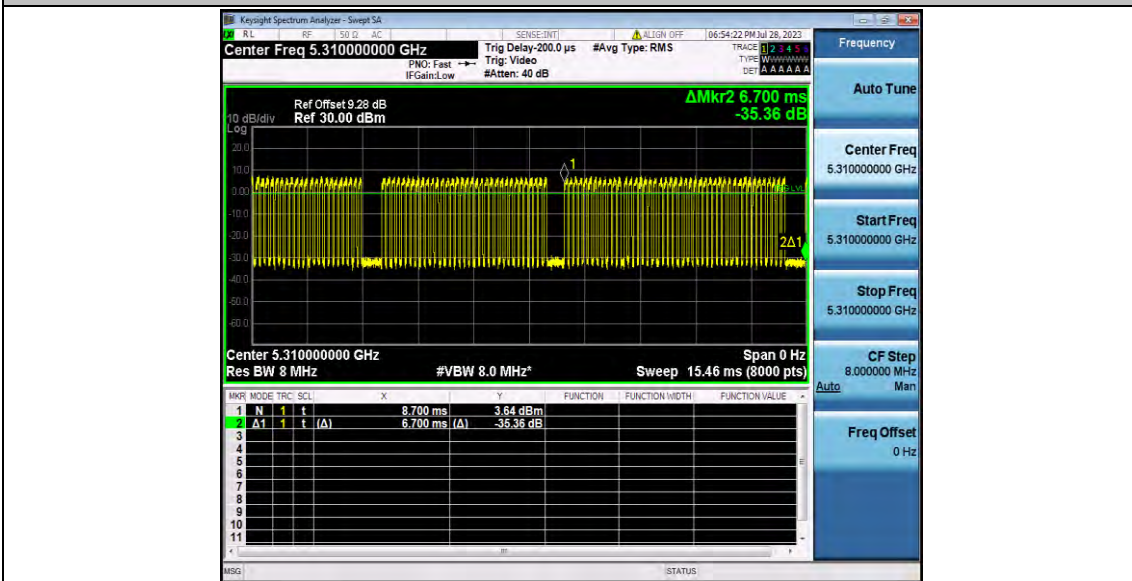
11AC20SISO_Ant0_5280



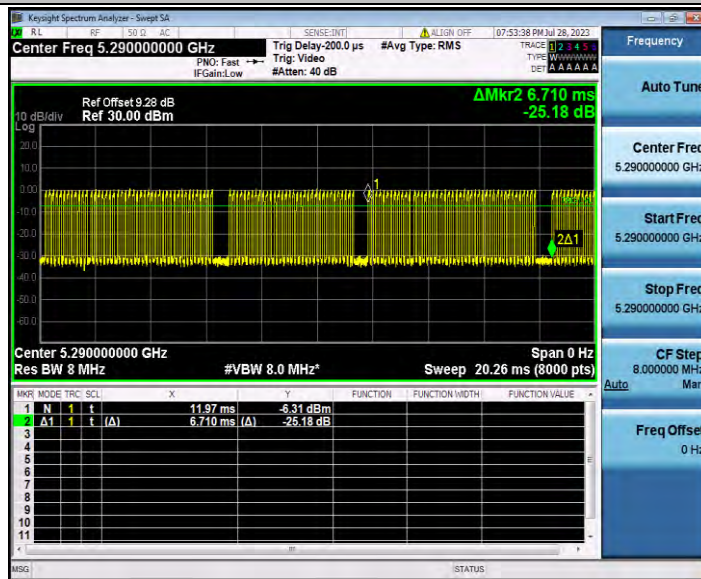
11AC20SISO_Ant0_5320



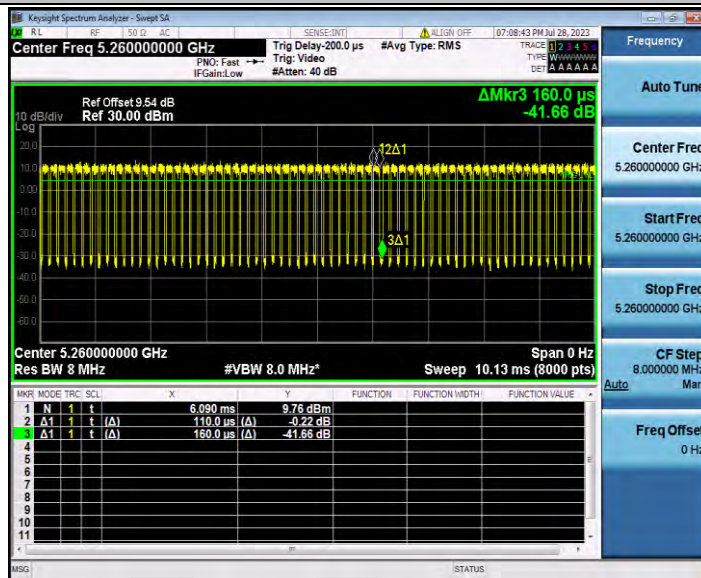
11AC40SISO_Ant0_5270



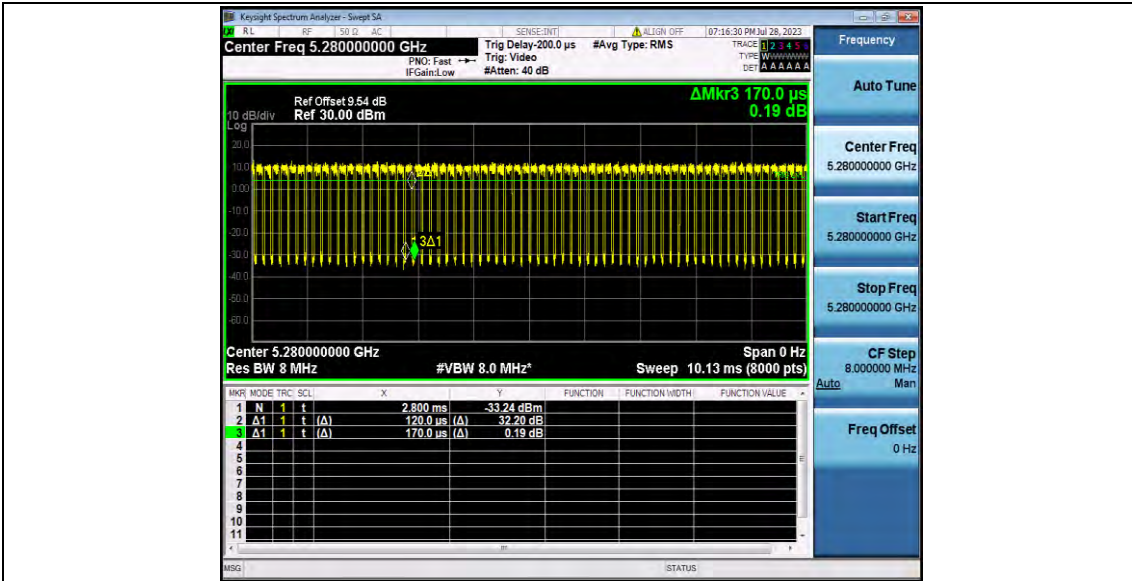
11AC40SISO_Ant0_5310



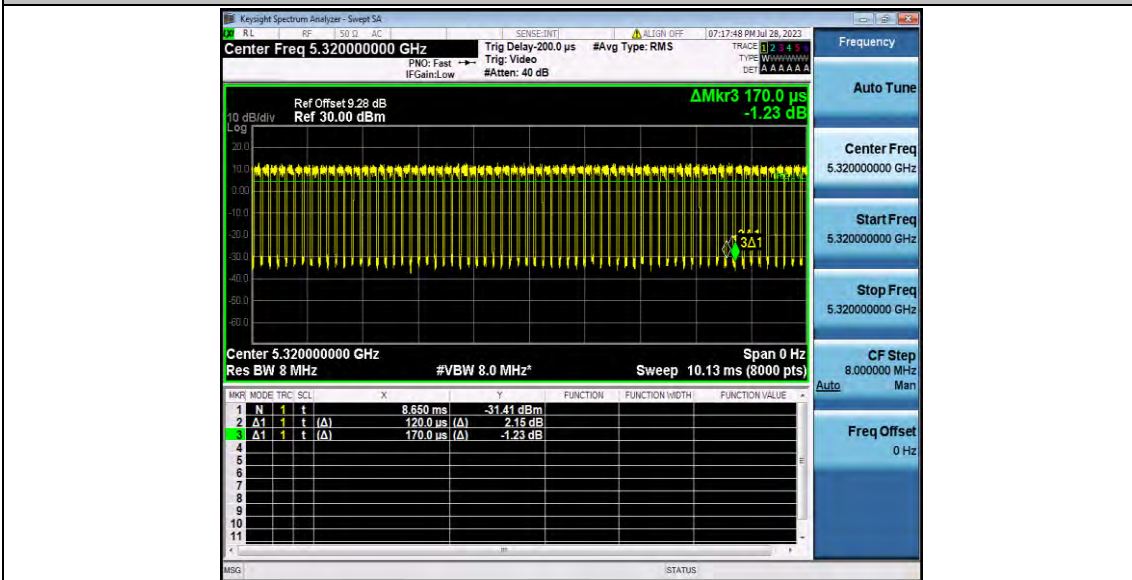
11AC80SISO_Ant0_5290



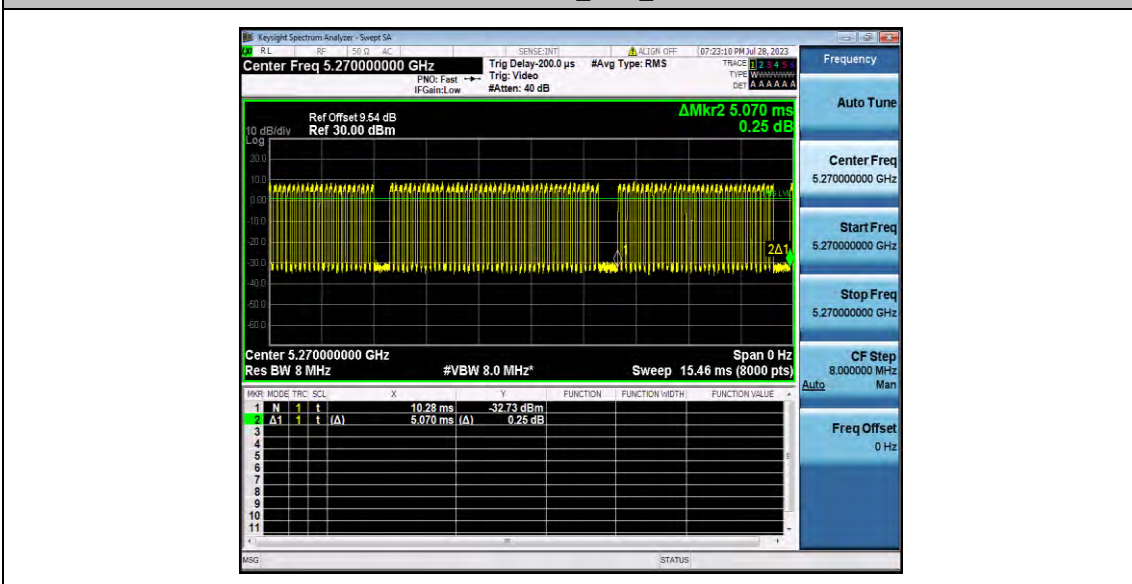
11AX20SISO_Ant0_5260



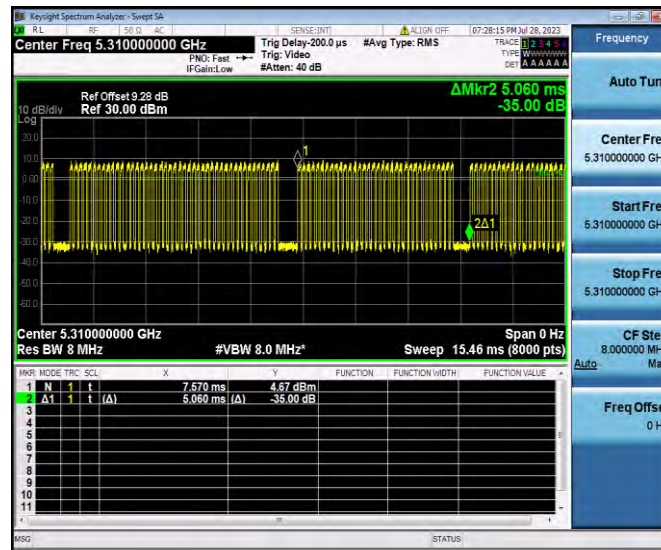
11AX20SISO_Ant0_5280



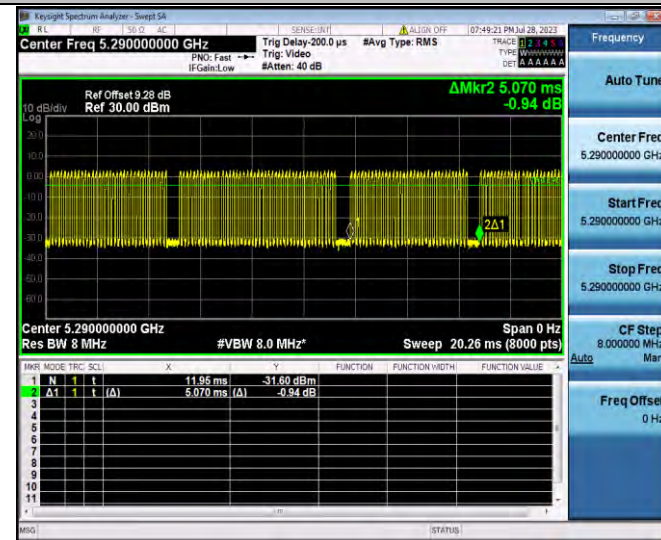
11AX20SISO_Ant0_5320



11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



11AX80SISO_Ant0_5290