

Case No. : <u>GTS20230411005-1-15</u>
Ambient Condition: <u>24</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.5.8</u> Test Engineer: <u>Jenny zeng</u>

Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5260	23.400	5248.320	5271.720	---	---
		5280	23.160	5268.360	5291.520	---	---
		5320	22.440	5308.640	5331.080	---	---
11N20SISO	Ant2	5260	22.880	5248.800	5271.680	---	---
		5280	23.400	5268.160	5291.560	---	---
		5320	23.000	5308.240	5331.240	---	---
11N40SISO	Ant2	5270	46.080	5246.800	5292.880	---	---
		5310	44.720	5288.000	5332.720	---	---
11AC20SISO	Ant2	5260	23.080	5248.520	5271.600	---	---
		5280	22.880	5268.400	5291.280	---	---
		5320	23.120	5308.360	5331.480	---	---
11AC40SISO	Ant2	5270	48.320	5246.400	5294.720	---	---
		5310	44.320	5287.920	5332.240	---	---
11AC80SISO	Ant2	5290	88.640	5246.640	5335.280	---	---
11AX20SISO	Ant2	5260	22.240	5248.960	5271.200	---	---
		5280	21.880	5269.160	5291.040	---	---
		5320	23.000	5308.400	5331.400	---	---
11AX40SISO	Ant2	5270	44.800	5248.160	5292.960	---	---
		5310	44.080	5287.600	5331.680	---	---
11AX80SISO	Ant2	5290	83.680	5248.560	5332.240	---	---

Test Graphs



11A_Ant2_5260



11A_Ant2_5280



11A_Ant2_5320



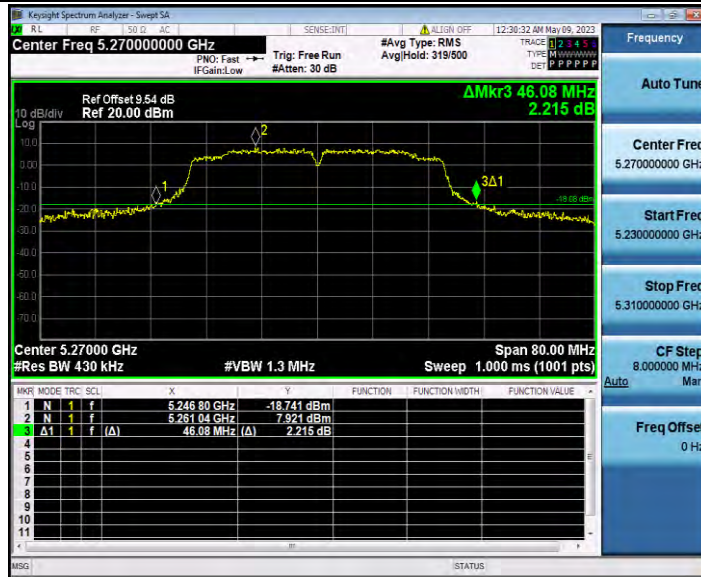
11N20SISO_Ant2_5260



11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



11N40SISO_Ant2_5310



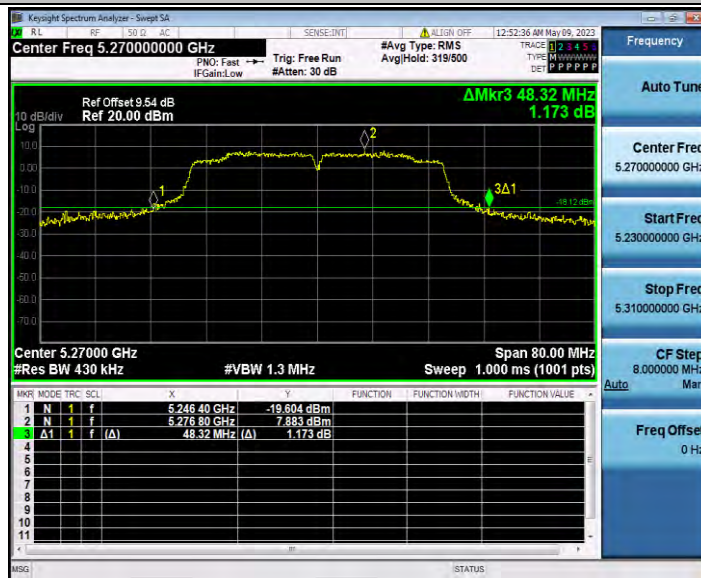
11AC20SISO_Ant2_5260



11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



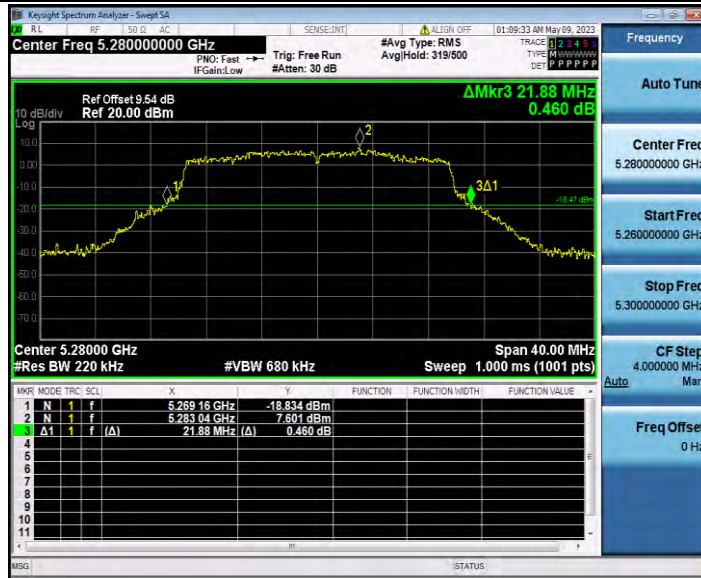
11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



11AX20SISO_Ant2_5260



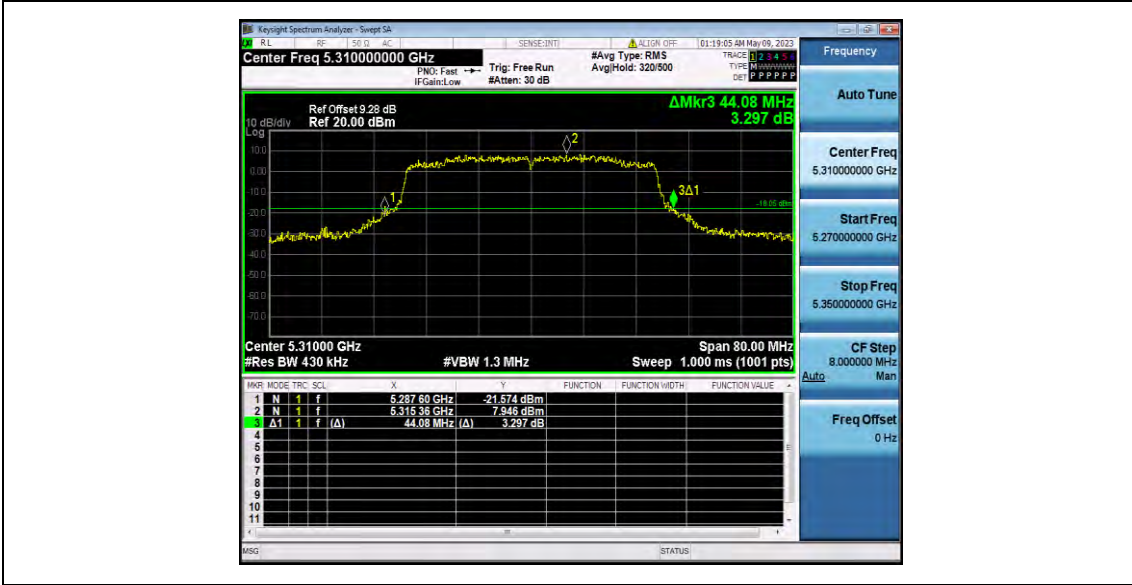
11AX20SISO_Ant2_5280



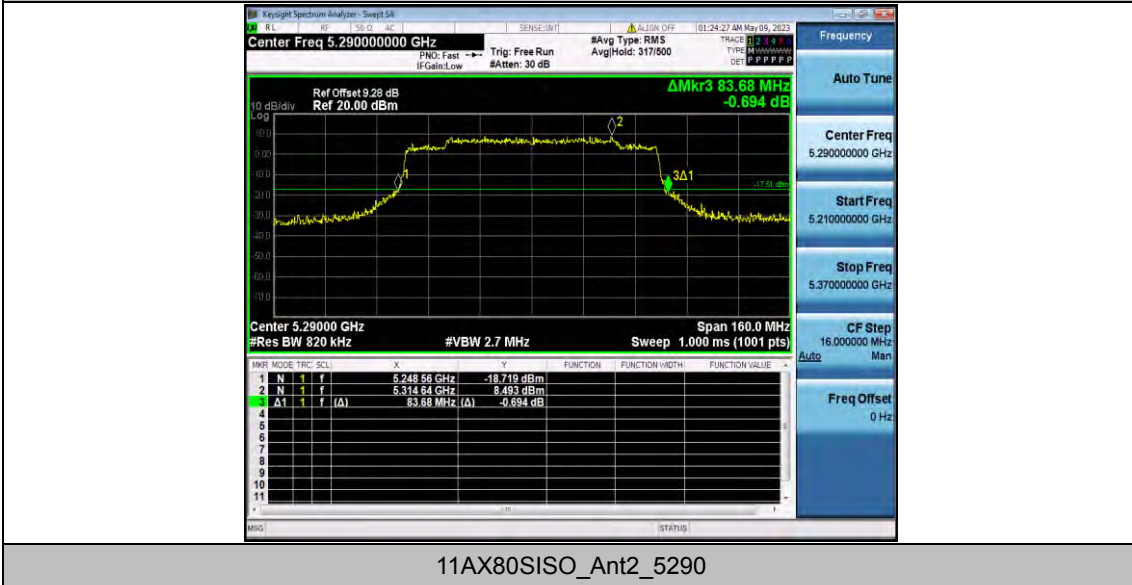
11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310



11AX80SISO_Ant2_5290

Appendix E.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5260	16.951	5251.565	5268.516	---	---
		5280	17.012	5271.506	5288.518	---	---
		5320	17.024	5311.537	5328.561	---	---
11N20SISO	Ant2	5260	18.060	5251.004	5269.064	---	---
		5280	18.006	5271.014	5289.020	---	---
		5320	18.044	5311.002	5329.046	---	---
11N40SISO	Ant2	5270	36.514	5251.742	5288.256	---	---
		5310	36.310	5291.918	5328.228	---	---
11AC20SISO	Ant2	5260	17.995	5251.014	5269.009	---	---
		5280	18.014	5271.007	5289.021	---	---
		5320	18.000	5311.031	5329.031	---	---
11AC40SISO	Ant2	5270	36.551	5251.731	5288.282	---	---
		5310	36.319	5291.919	5328.238	---	---
11AC80SISO	Ant2	5290	75.470	5252.354	5327.824	---	---
11AX20SISO	Ant2	5260	18.959	5250.544	5269.503	---	---
		5280	19.015	5270.493	5289.508	---	---
		5320	18.961	5310.556	5329.517	---	---
11AX40SISO	Ant2	5270	37.807	5251.107	5288.914	---	---
		5310	37.610	5291.250	5328.860	---	---
11AX80SISO	Ant2	5290	77.120	5251.508	5328.628	---	---

Test Graphs



11A_Ant2_5260



11A_Ant2_5280



11A_Ant2_5320



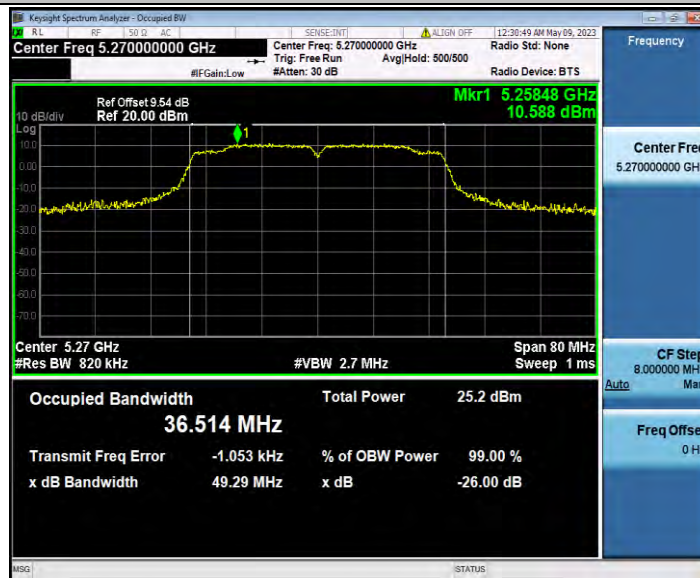
11N20SISO_Ant2_5260



11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



11N40SISO_Ant2_5310



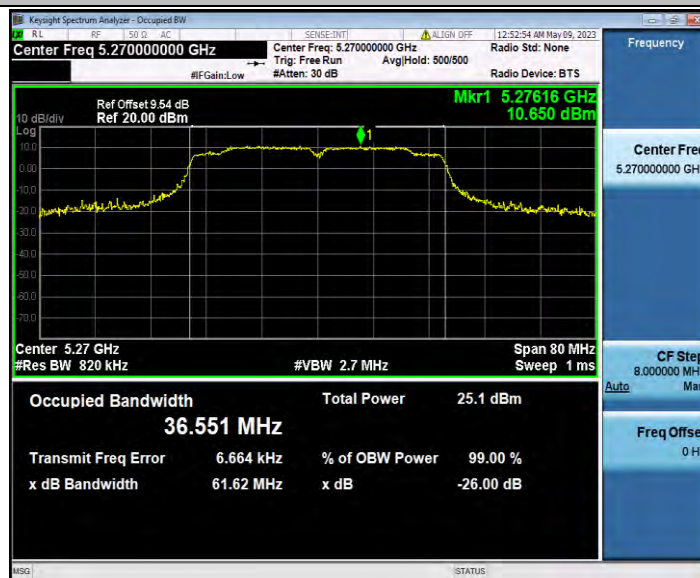
11A20SISO_Ant2_5260



11AC20SISO_Ant2_5280



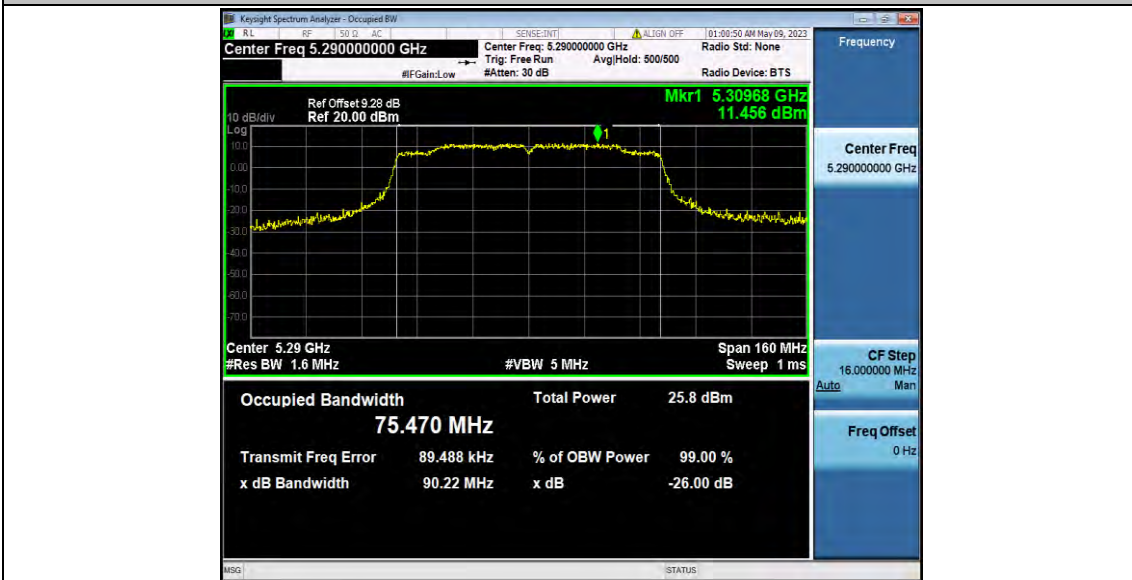
11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



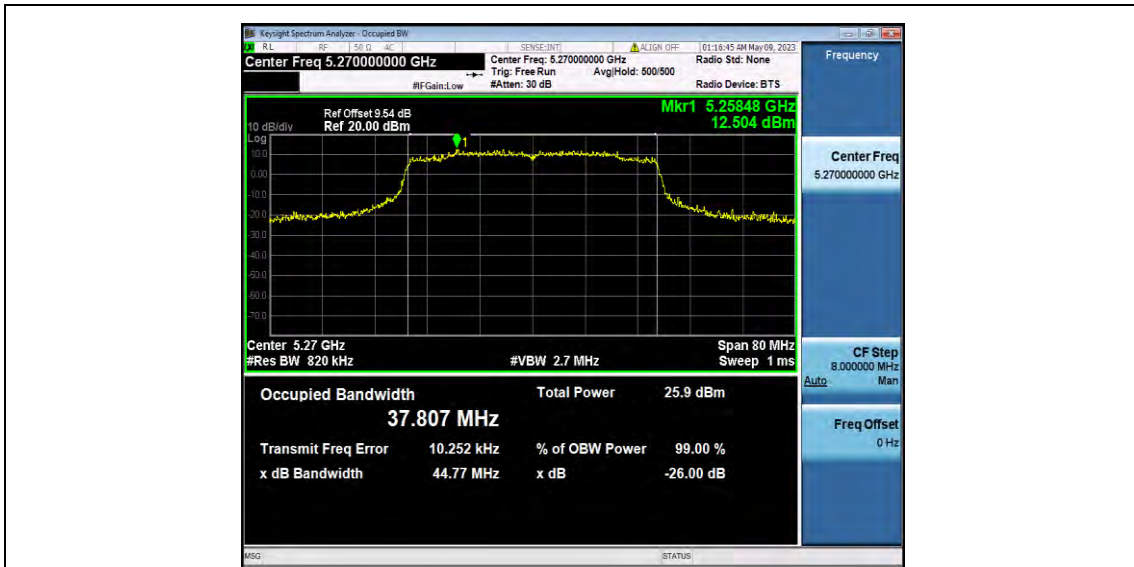
11AX20SISO_Ant2_5260



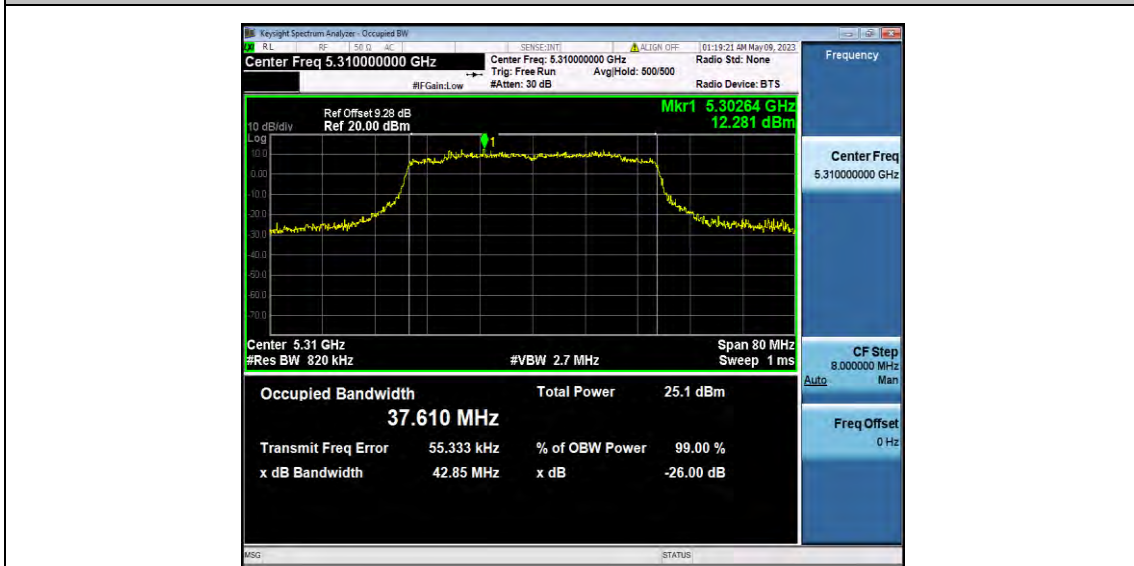
11AX20SISO_Ant2_5280



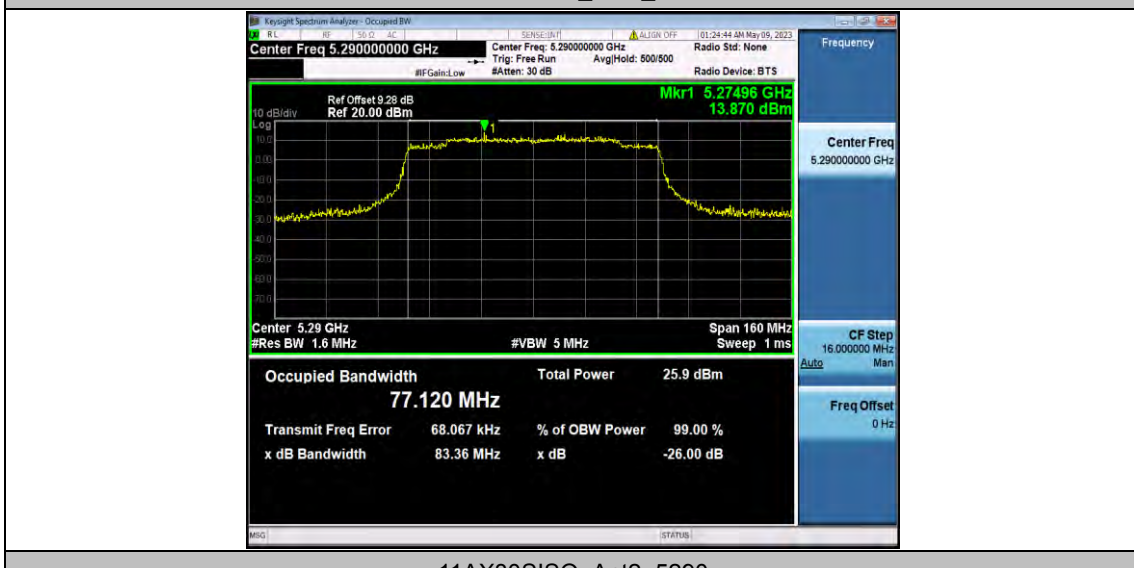
11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310



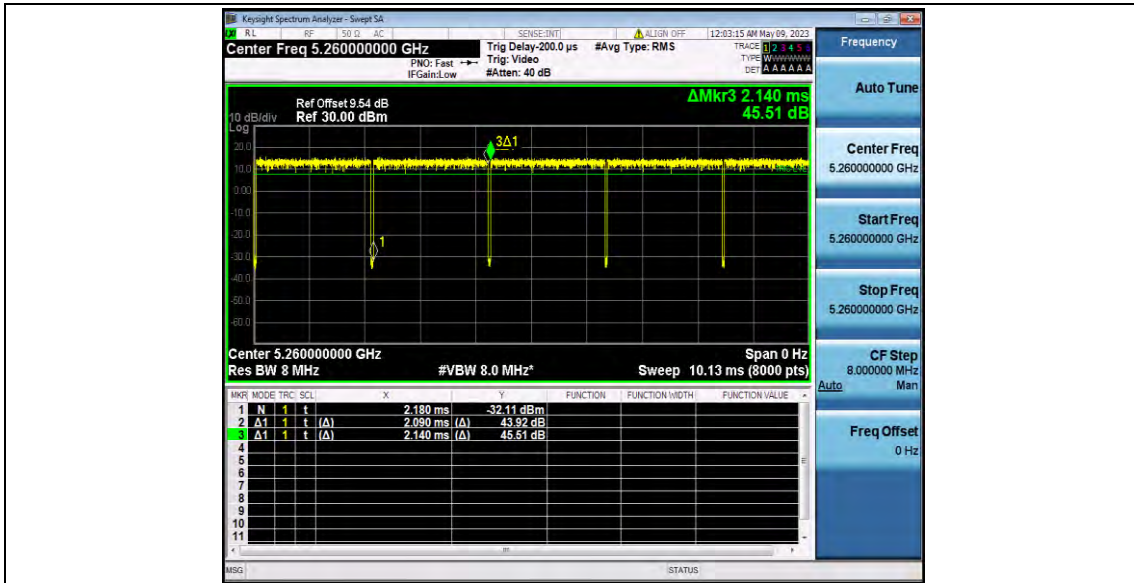
11AX80SISO_Ant2_5290

Appendix E.3: Duty Cycle

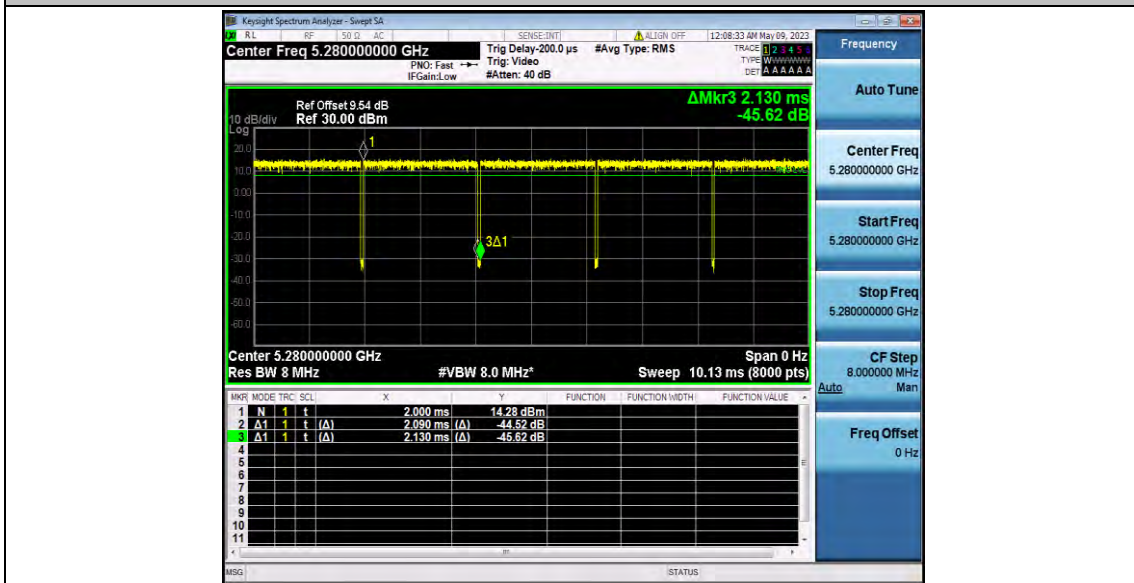
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant2	5260	2.09	2.14	97.66
		5280	2.09	2.13	98.12
		5320	2.08	2.13	97.65
11N20SISO	Ant2	5260	3.98	4.03	98.76
		5280	3.98	4.03	98.76
		5320	3.97	4.02	98.76
11N40SISO	Ant2	5270	3.97	4.02	98.76
		5310	3.97	4.02	98.76
11AC20SISO	Ant2	5260	3.95	3.99	99.00
		5280	3.94	3.99	98.75
		5320	3.94	3.99	98.75
11AC40SISO	Ant2	5270	3.96	4.01	98.75
		5310	3.96	4.01	98.75
11AC80SISO	Ant2	5290	3.97	4.01	99.00
11AX20SISO	Ant2	5260	3.96	4.00	99.00
		5280	3.96	4.01	98.75
		5320	3.95	4.00	98.75
11AX40SISO	Ant2	5270	3.96	4.00	99.00
		5310	3.95	4.00	98.75
11AX80SISO	Ant2	5290	3.96	4.01	98.75

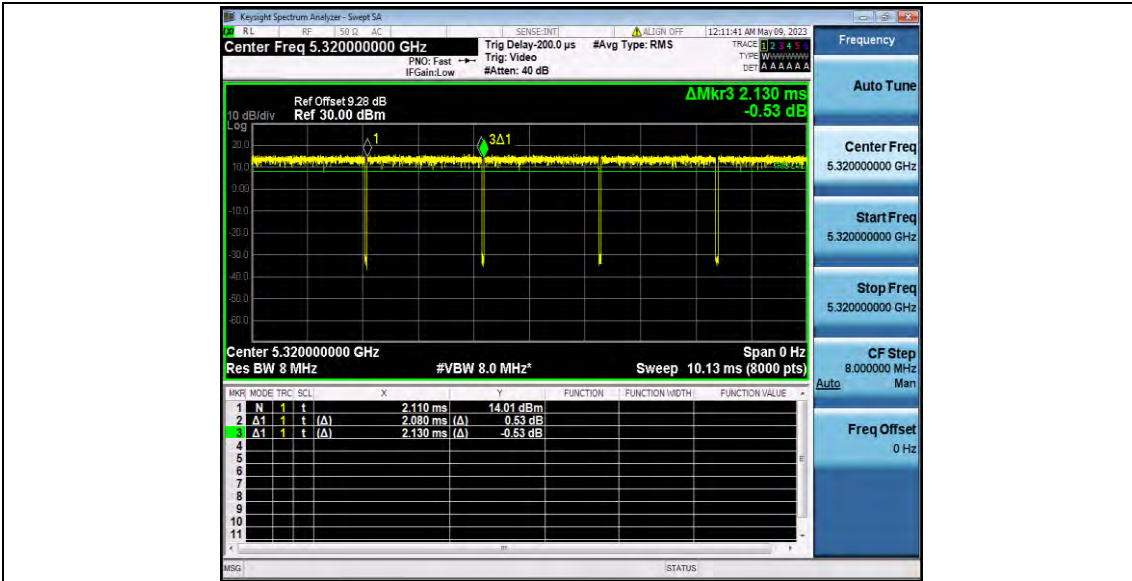
Test Graphs



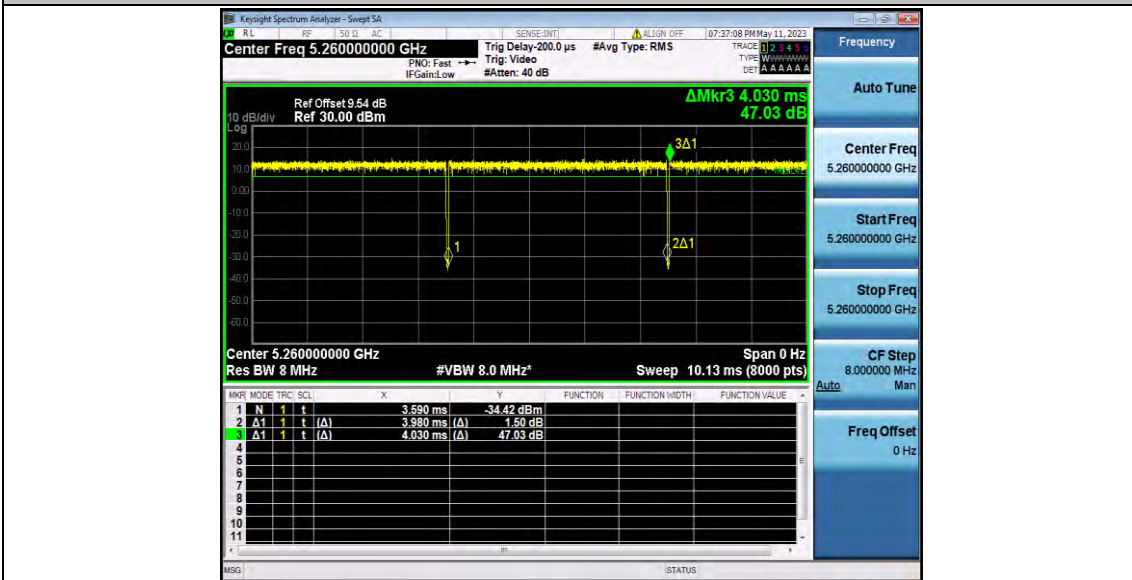
11A_Ant2_5260



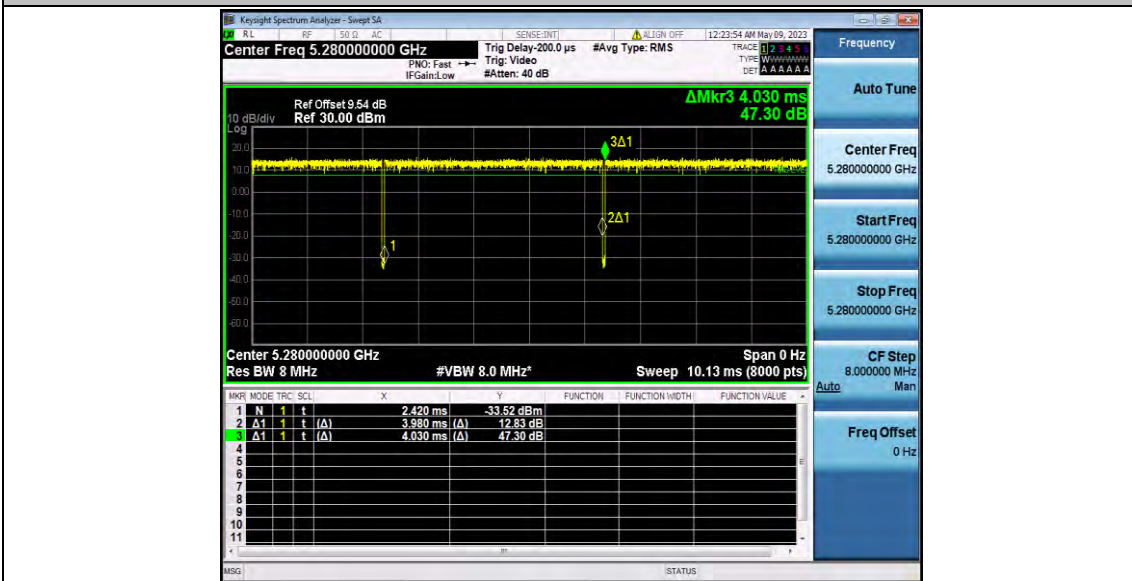
11A_Ant2_5280



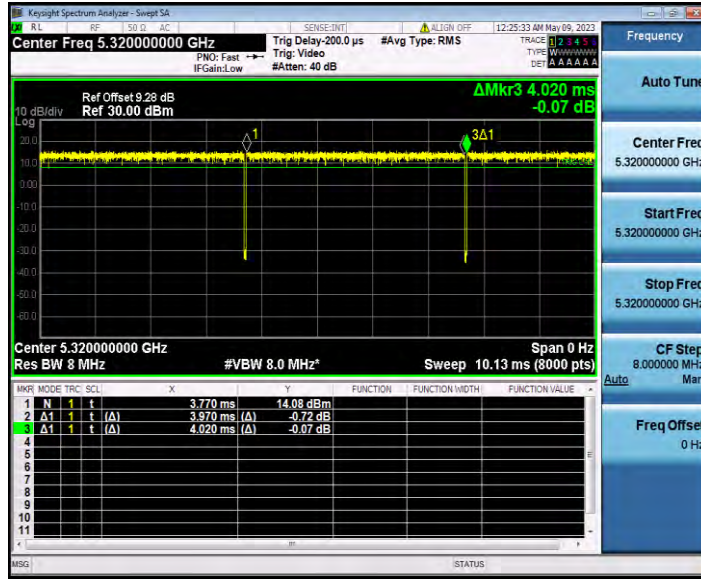
11A_Ant2_5320



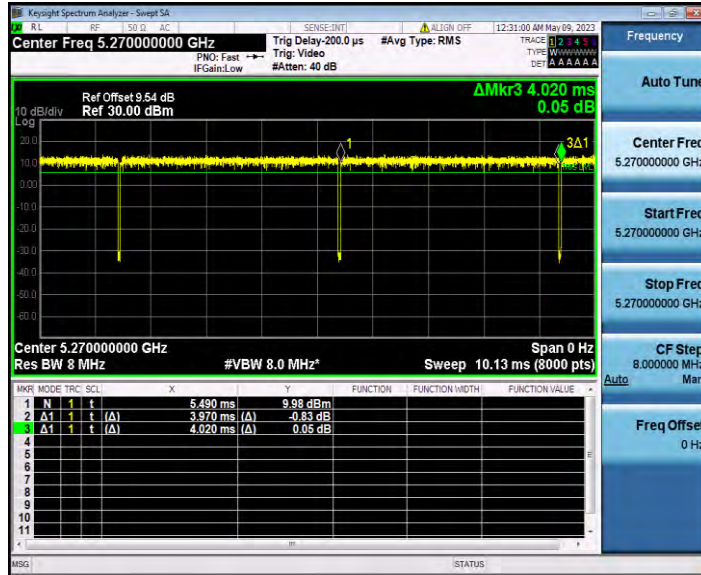
11N20SISO_Ant2_5260



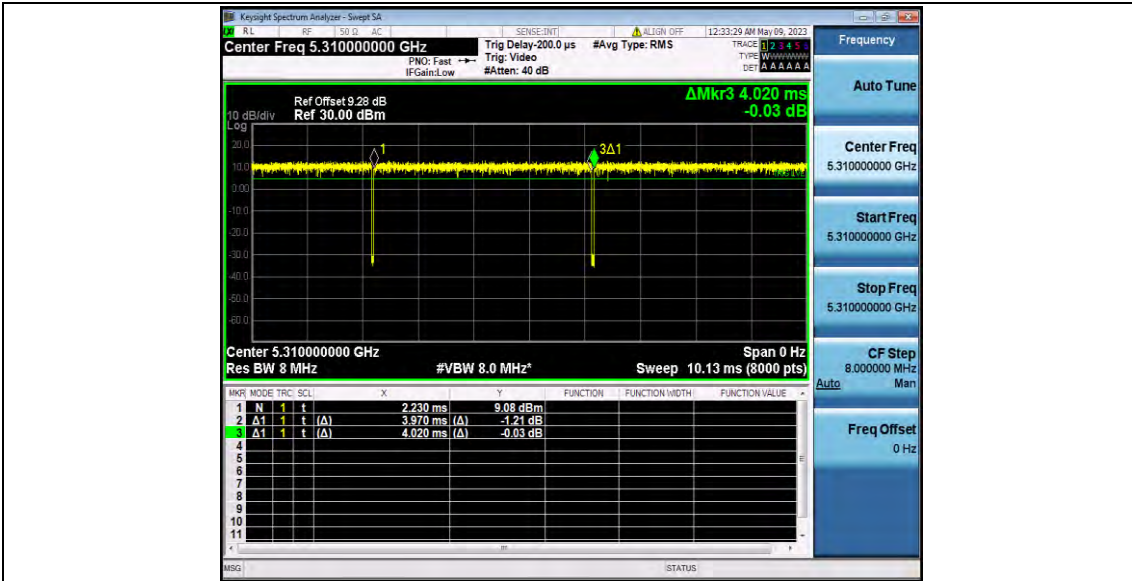
11N20SISO_Ant2_5280



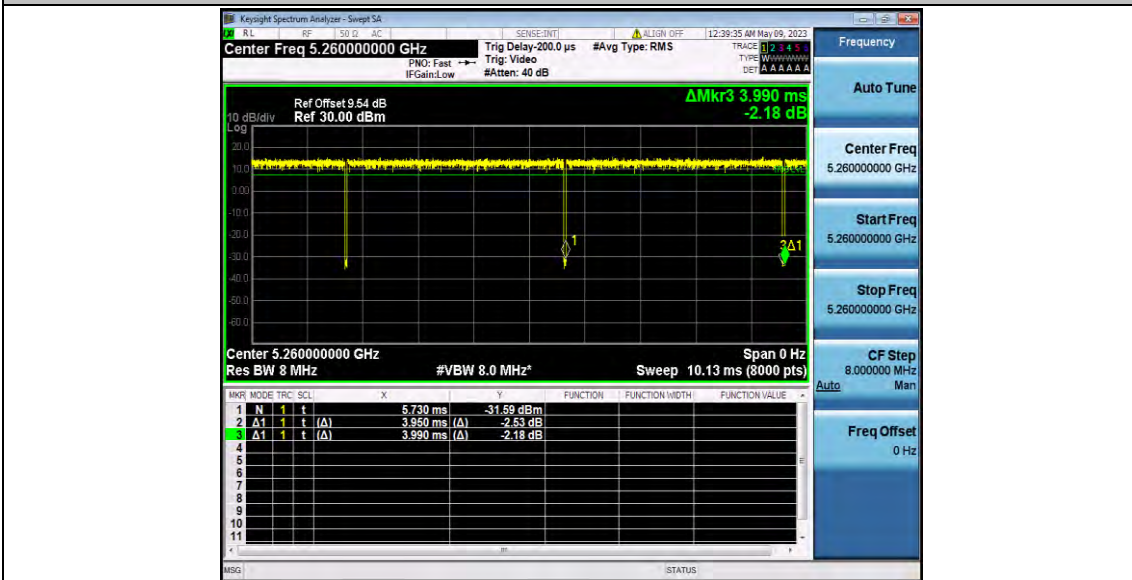
11N20SISO_Ant2_5320



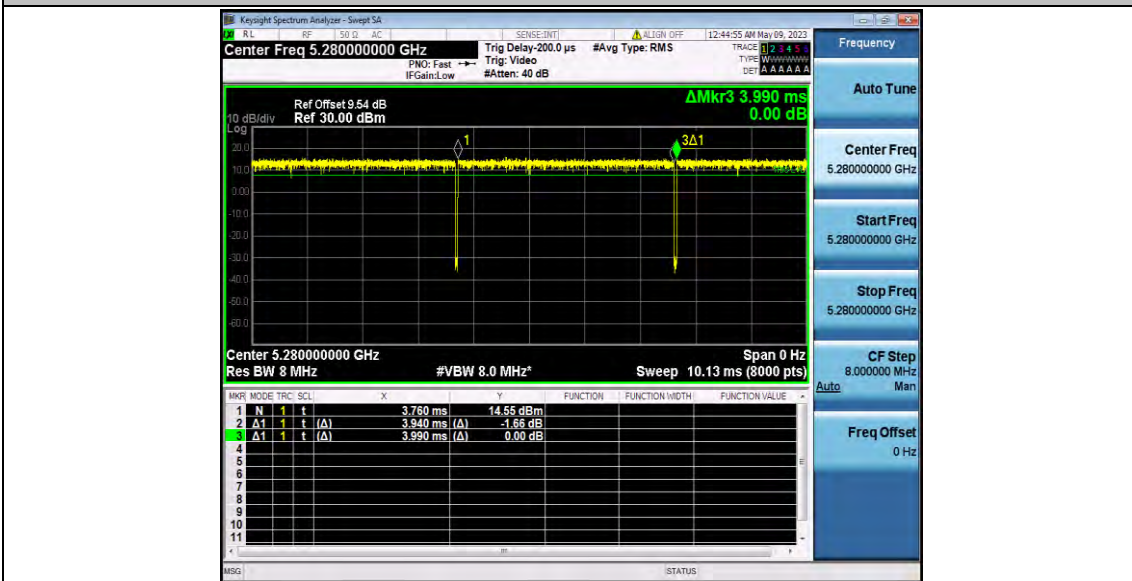
11N40SISO_Ant2_5270



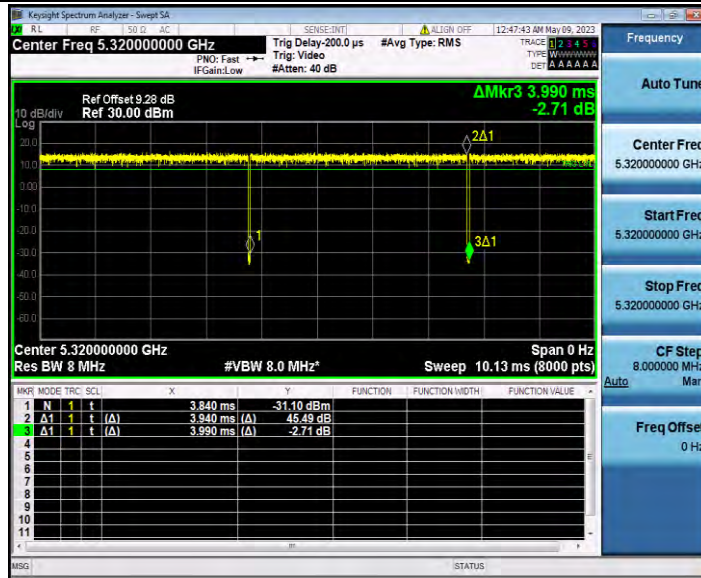
11N40SISO_Ant2_5310



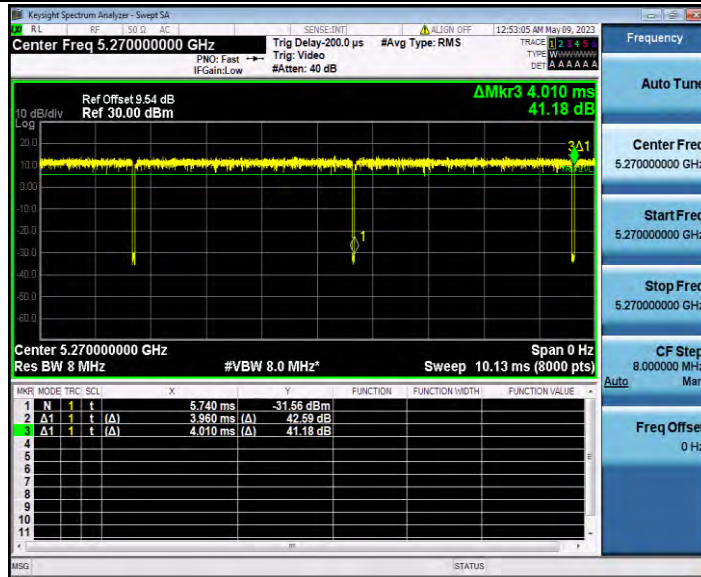
11AC20SISO_Ant2_5260



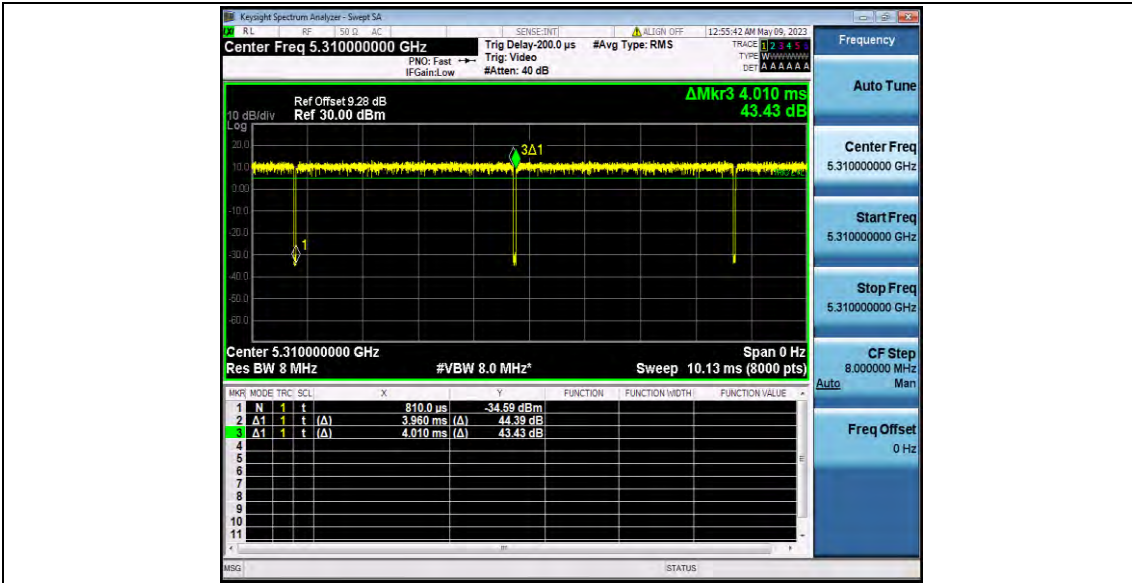
11AC20SISO_Ant2_5280



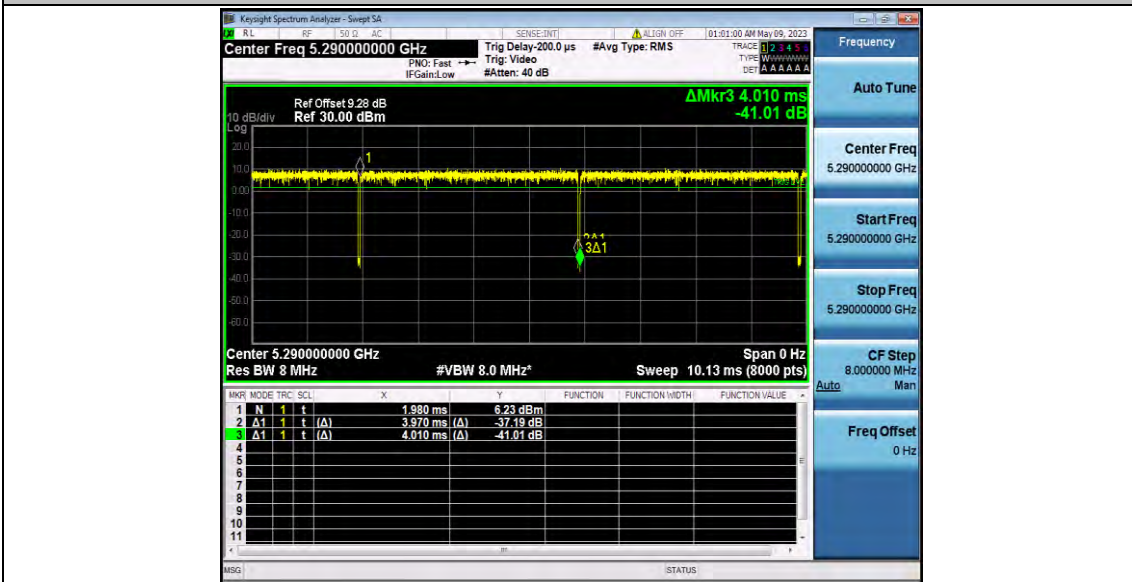
11AC20SISO_Ant2_5320



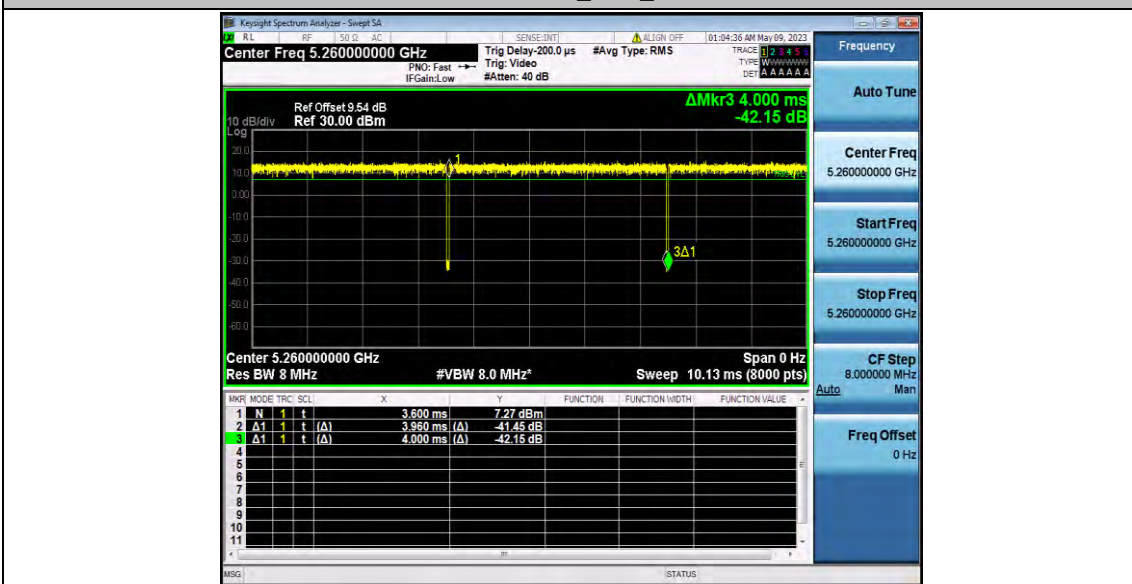
11AC40SISO_Ant2_5270



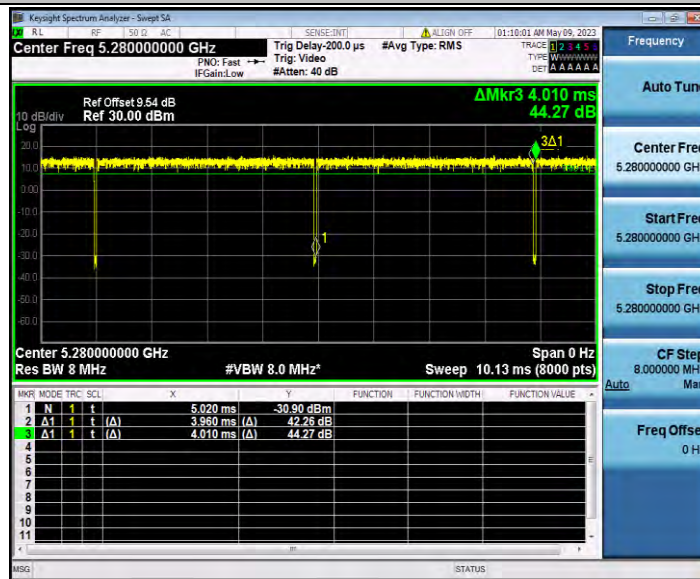
11AC40SISO_Ant2_5310



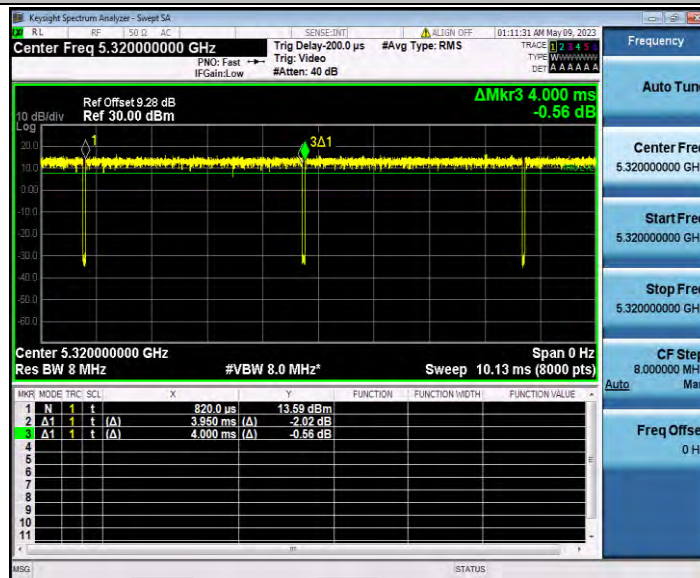
11AC80SISO_Ant2_5290



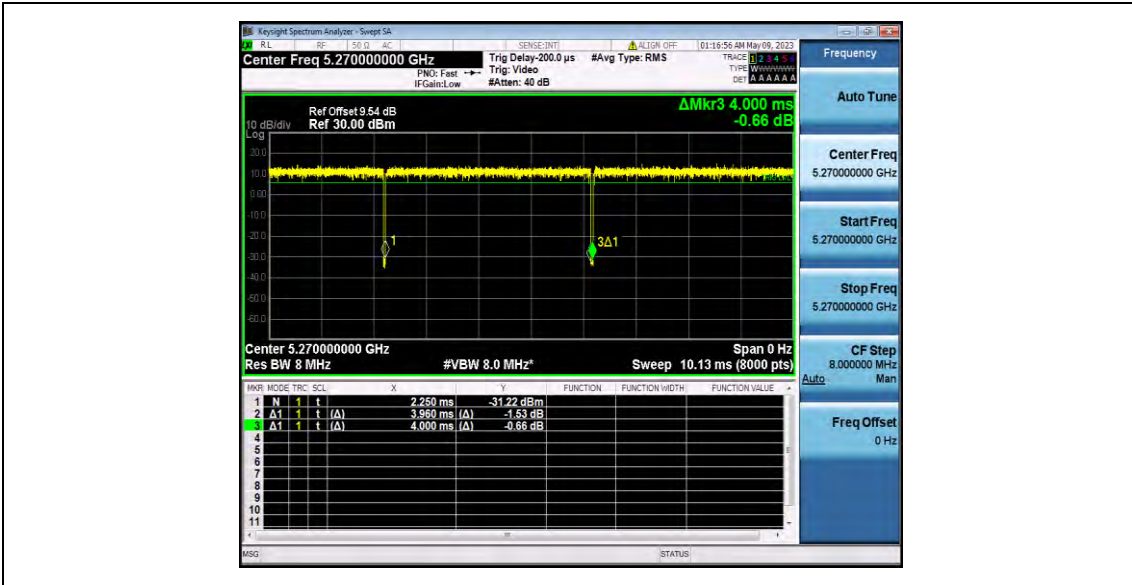
11AX20SISO_Ant2_5260



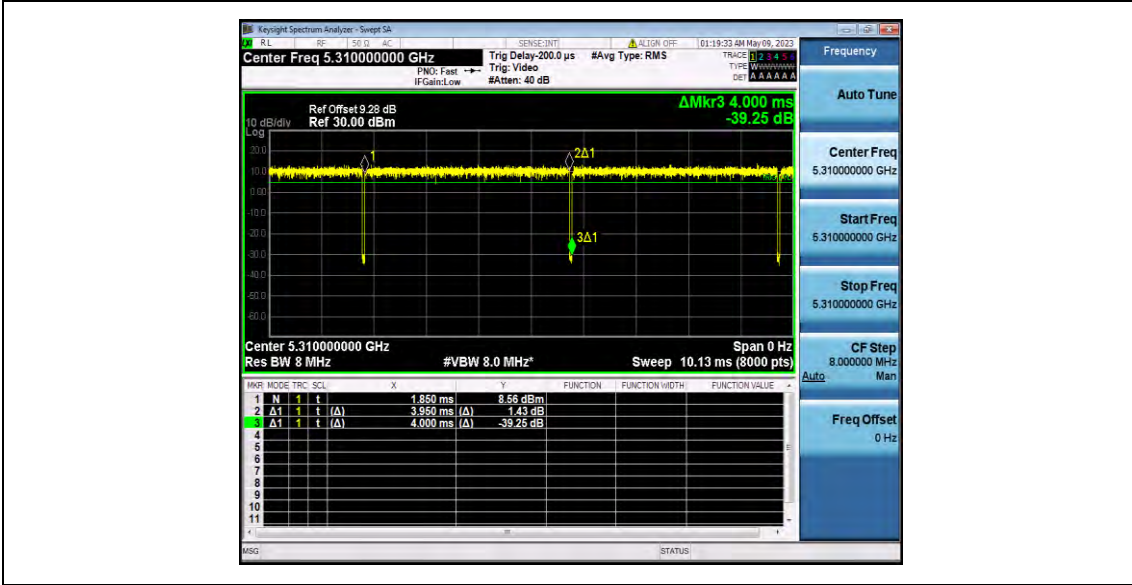
11AX20SISO_Ant2_5280



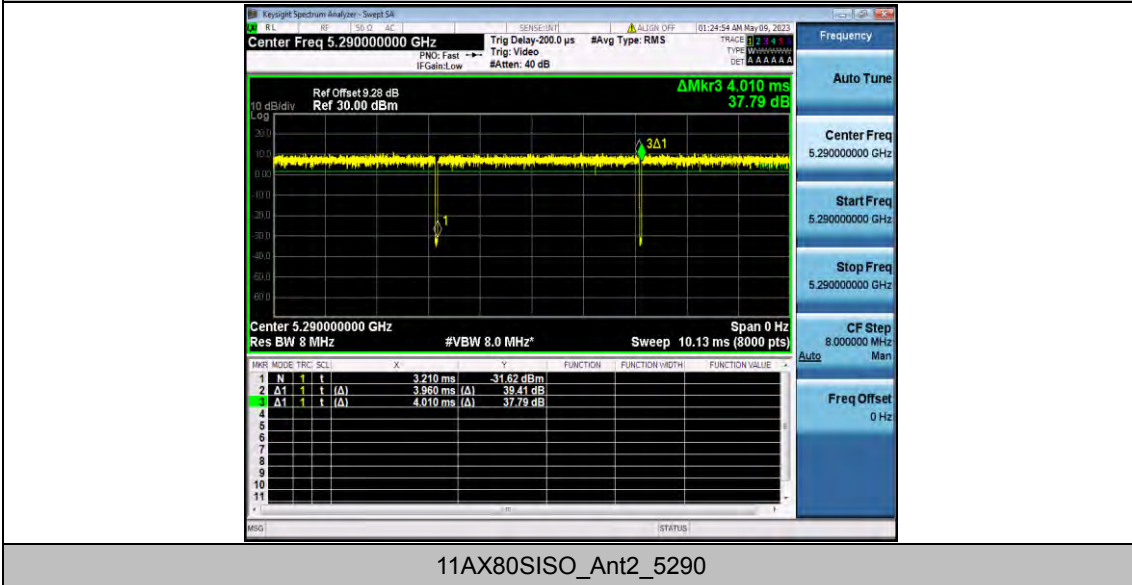
11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310



11AX80SISO_Ant2_5290