

Case No. : <u>GTS20230520008-1-4</u>	
Ambient Condition: <u>24</u> °C, <u>59</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.6.20</u>	Test Engineer: <u>Evan Ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.400	5168.600	5192.000	---	---
		5200	22.840	5188.800	5211.640	---	---
		5240	22.520	5229.000	5251.520	---	---
11N20SISO	Ant1	5180	23.000	5168.360	5191.360	---	---
		5200	23.240	5188.440	5211.680	---	---
		5240	23.000	5228.320	5251.320	---	---
11N40SISO	Ant1	5190	42.640	5168.640	5211.280	---	---
		5230	42.800	5208.720	5251.520	---	---
11AC20SISO	Ant1	5180	22.920	5168.560	5191.480	---	---
		5200	22.960	5188.520	5211.480	---	---
		5240	23.680	5228.360	5252.040	---	---
11AC40SISO	Ant1	5190	42.320	5168.880	5211.200	---	---
		5230	42.720	5208.880	5251.600	---	---
11AC80SISO	Ant1	5210	85.280	5168.240	5253.520	---	---
11AX20SISO	Ant1	5180	23.360	5168.440	5191.800	---	---
		5200	22.360	5188.920	5211.280	---	---
		5240	22.800	5228.840	5251.640	---	---
11AX40SISO	Ant1	5190	42.640	5168.960	5211.600	---	---
		5230	42.160	5209.200	5251.360	---	---
11AX80SISO	Ant1	5210	81.760	5169.200	5250.960	---	---

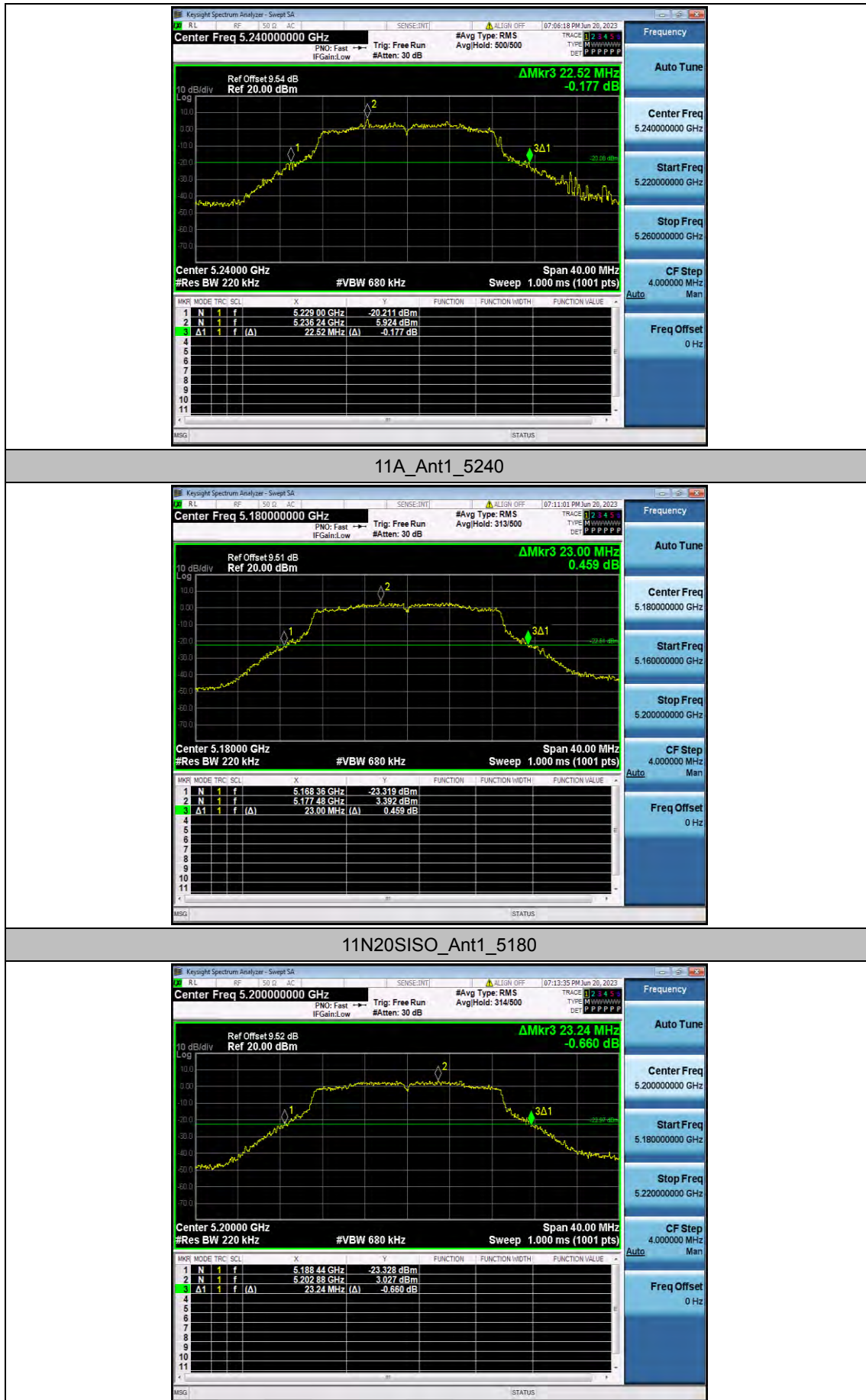
Test Graphs



11A_Ant1_5180



11A_Ant1_5200



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190

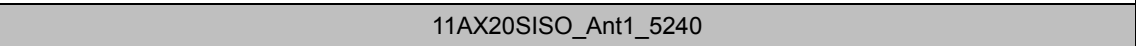
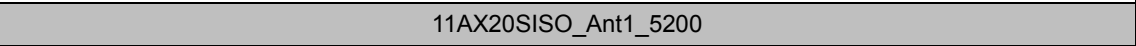


11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210







11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



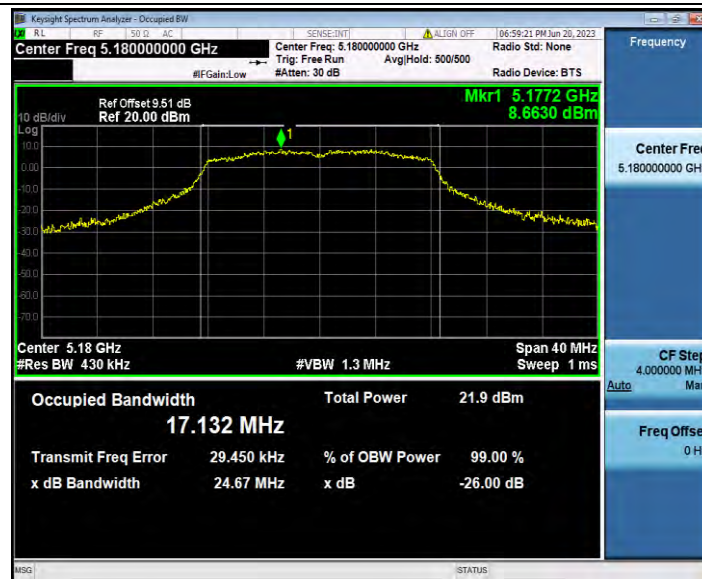
11AX80SISO_Ant1_5210

Appendix D.2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.132	5171.463	5188.595	---	---
		5200	17.057	5191.502	5208.559	---	---
		5240	16.993	5231.532	5248.525	---	---
11N20SISO	Ant1	5180	18.038	5171.019	5189.057	---	---
		5200	17.997	5191.039	5209.036	---	---
		5240	17.992	5231.075	5249.067	---	---
11N40SISO	Ant1	5190	36.170	5172.000	5208.170	---	---
		5230	36.162	5211.955	5248.117	---	---
11AC20SISO	Ant1	5180	17.994	5171.027	5189.021	---	---
		5200	17.954	5191.050	5209.004	---	---
		5240	18.011	5231.054	5249.065	---	---
11AC40SISO	Ant1	5190	36.212	5171.960	5208.172	---	---
		5230	36.217	5211.918	5248.135	---	---
11AC80SISO	Ant1	5210	75.023	5172.690	5247.713	---	---
11AX20SISO	Ant1	5180	18.982	5170.511	5189.493	---	---
		5200	18.962	5190.531	5209.493	---	---
		5240	18.974	5230.541	5249.515	---	---
11AX40SISO	Ant1	5190	37.628	5171.239	5208.867	---	---
		5230	37.647	5211.193	5248.840	---	---
11AX80SISO	Ant1	5210	76.476	5171.931	5248.407	---	---

Test Graphs



11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240

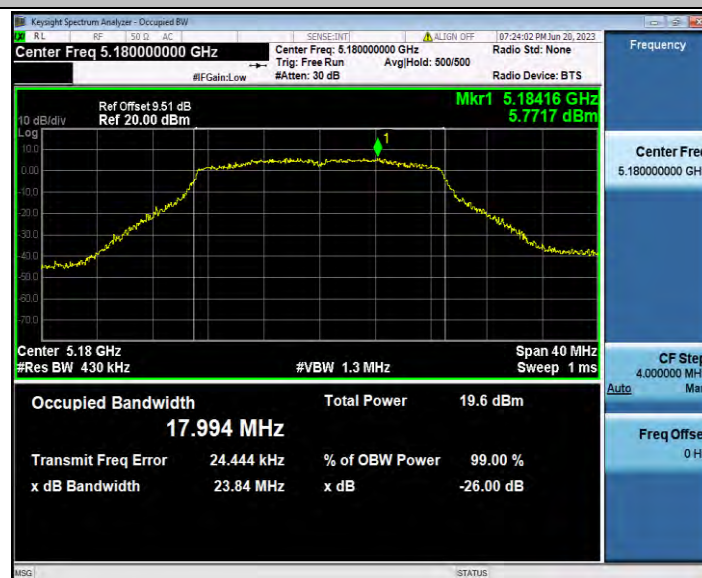


11N20SISO_Ant1_5180





11N40SISO_Ant1_5230



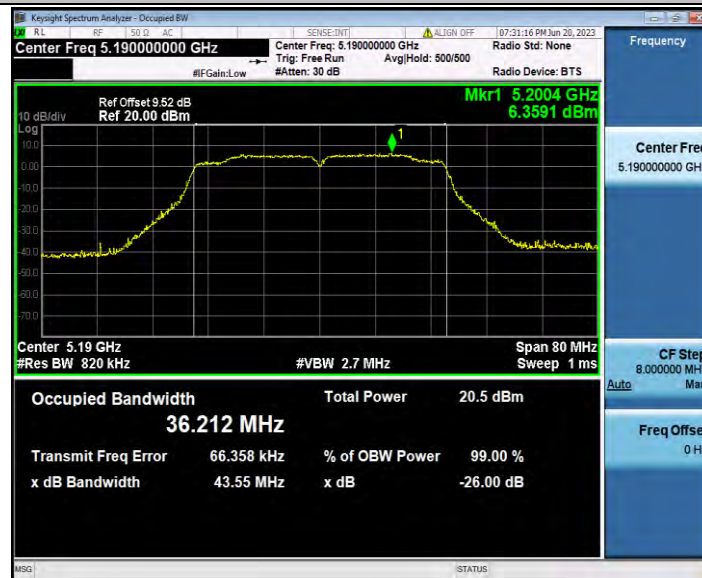
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



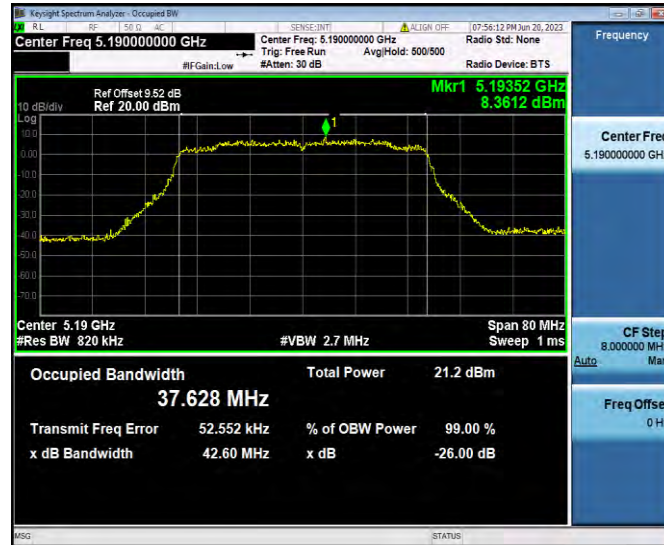
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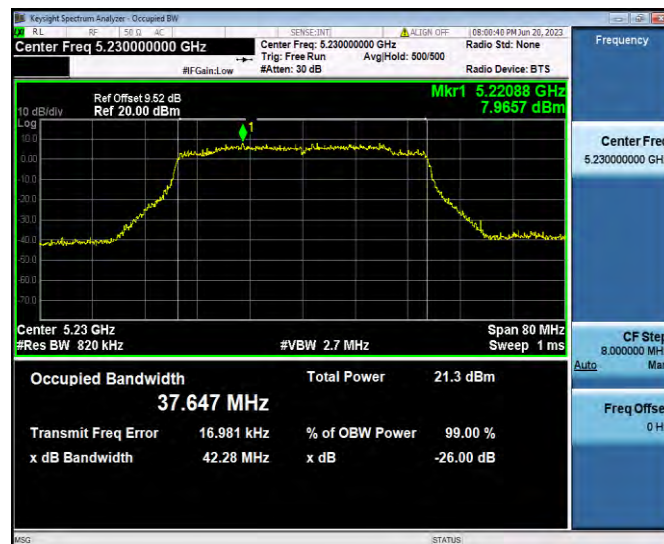
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



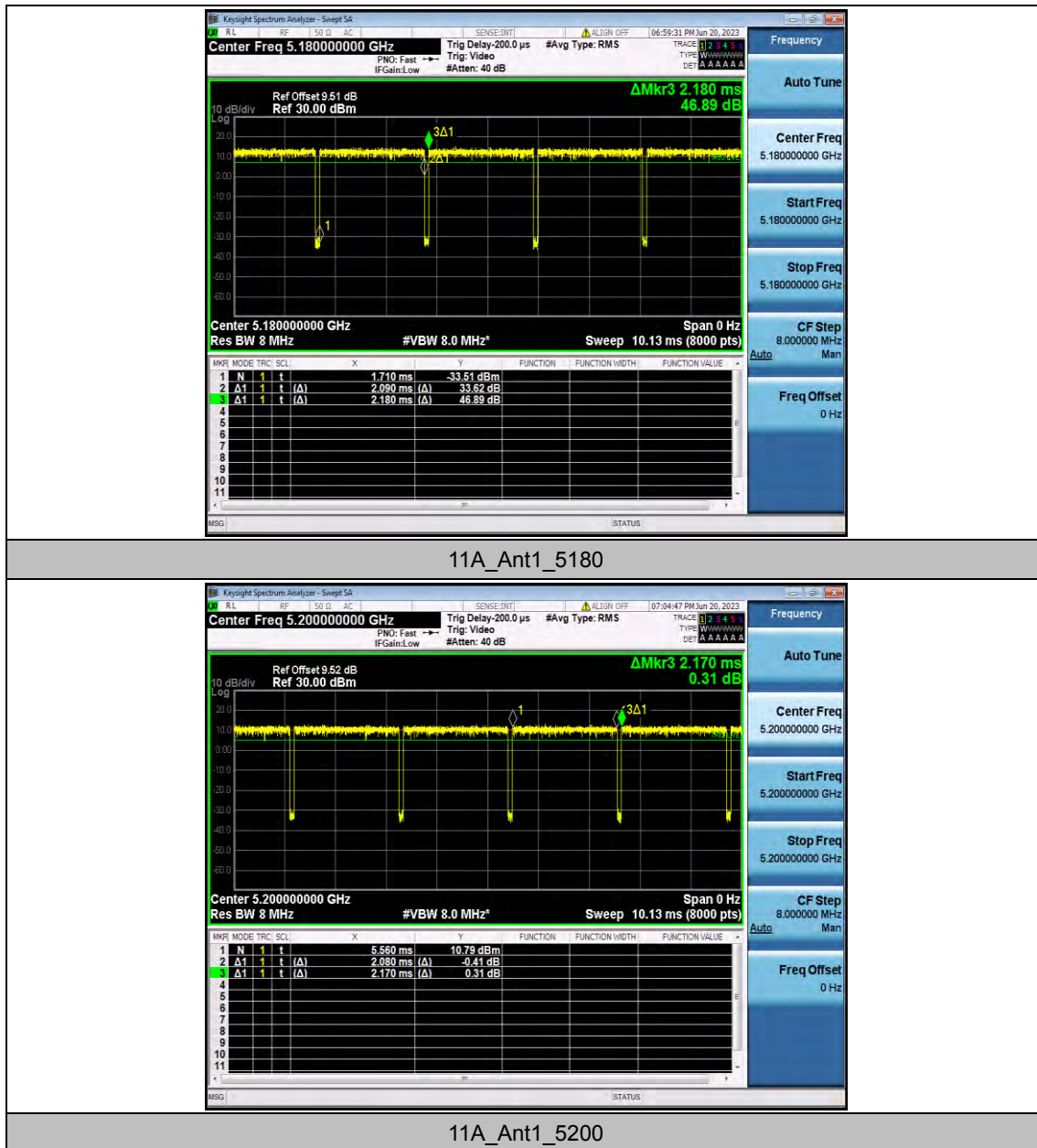
11AX80SISO_Ant1_5210

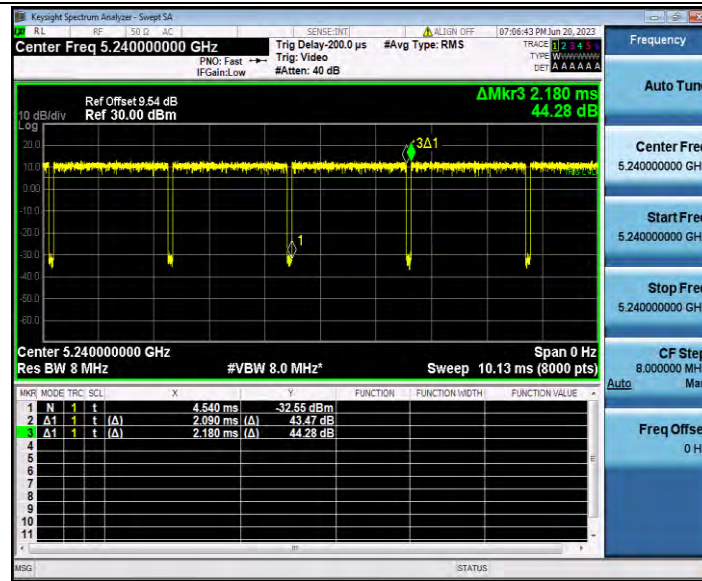
Appendix D.3: Duty Cycle

Test Result

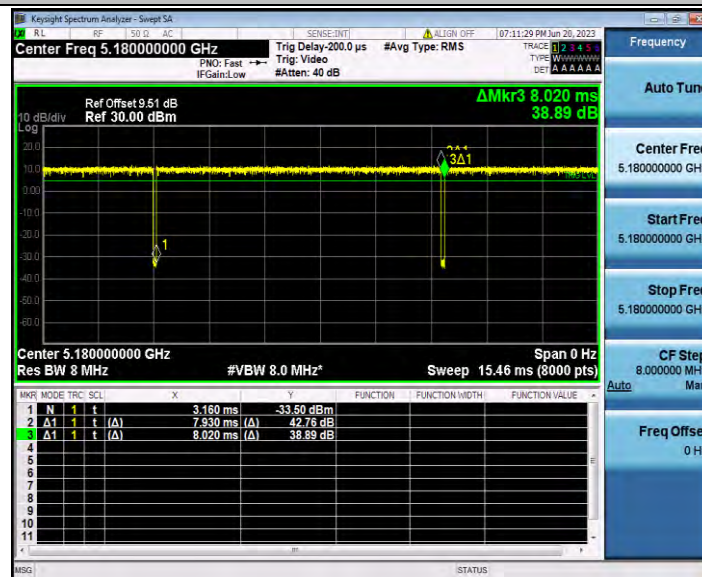
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.09	2.18	95.87
		5200	2.08	2.17	95.85
		5240	2.09	2.18	95.87
11N20SISO	Ant1	5180	7.93	8.02	98.88
		5200	7.93	8.02	98.88
		5240	7.93	8.02	98.88
11N40SISO	Ant1	5190	7.94	8.03	98.88
		5230	7.94	8.03	98.88
11AC20SISO	Ant1	5180	7.92	8.01	98.88
		5200	7.92	8.01	98.88
		5240	7.93	8.01	99.00
11AC40SISO	Ant1	5190	7.91	8.00	98.88
		5230	7.92	8.00	99.00
11AC80SISO	Ant1	5210	7.93	8.02	98.88
11AX20SISO	Ant1	5180	7.92	8.01	98.88
		5200	7.92	8.00	99.00
		5240	7.91	8.00	98.88
11AX40SISO	Ant1	5190	7.93	8.01	99.00
		5230	7.93	8.02	98.88
11AX80SISO	Ant1	5210	7.92	8.01	98.88

Test Graphs

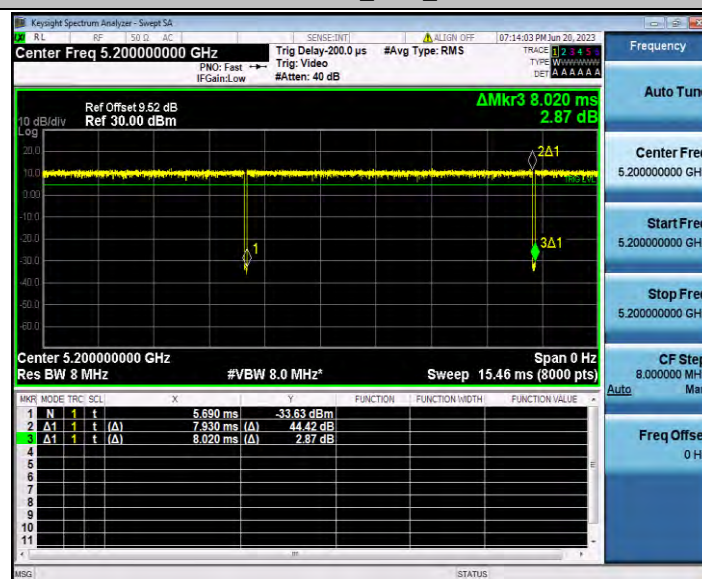




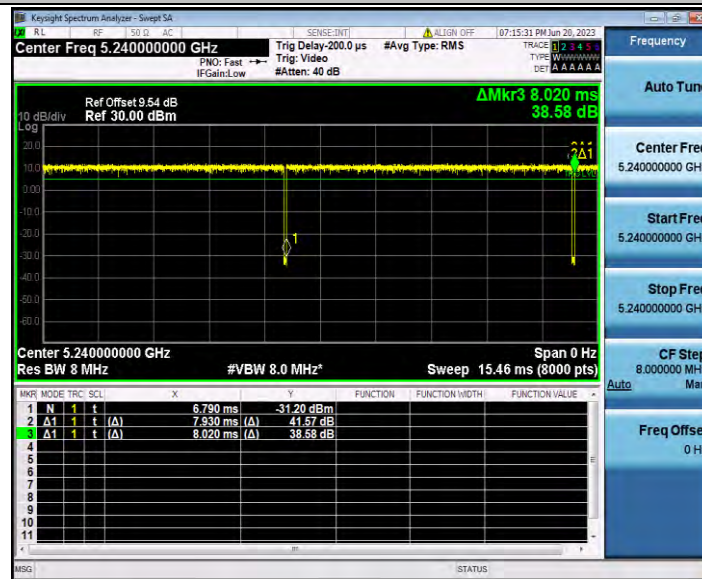
11A_Ant1_5240



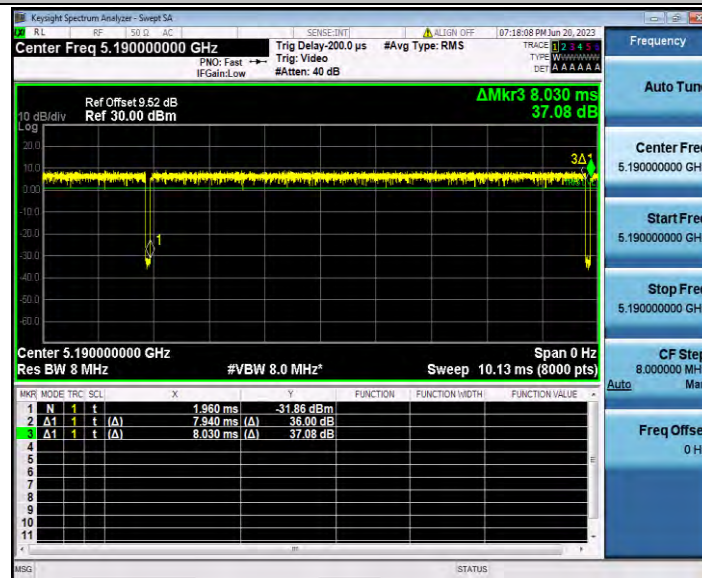
11N20SISO_Ant1_5180



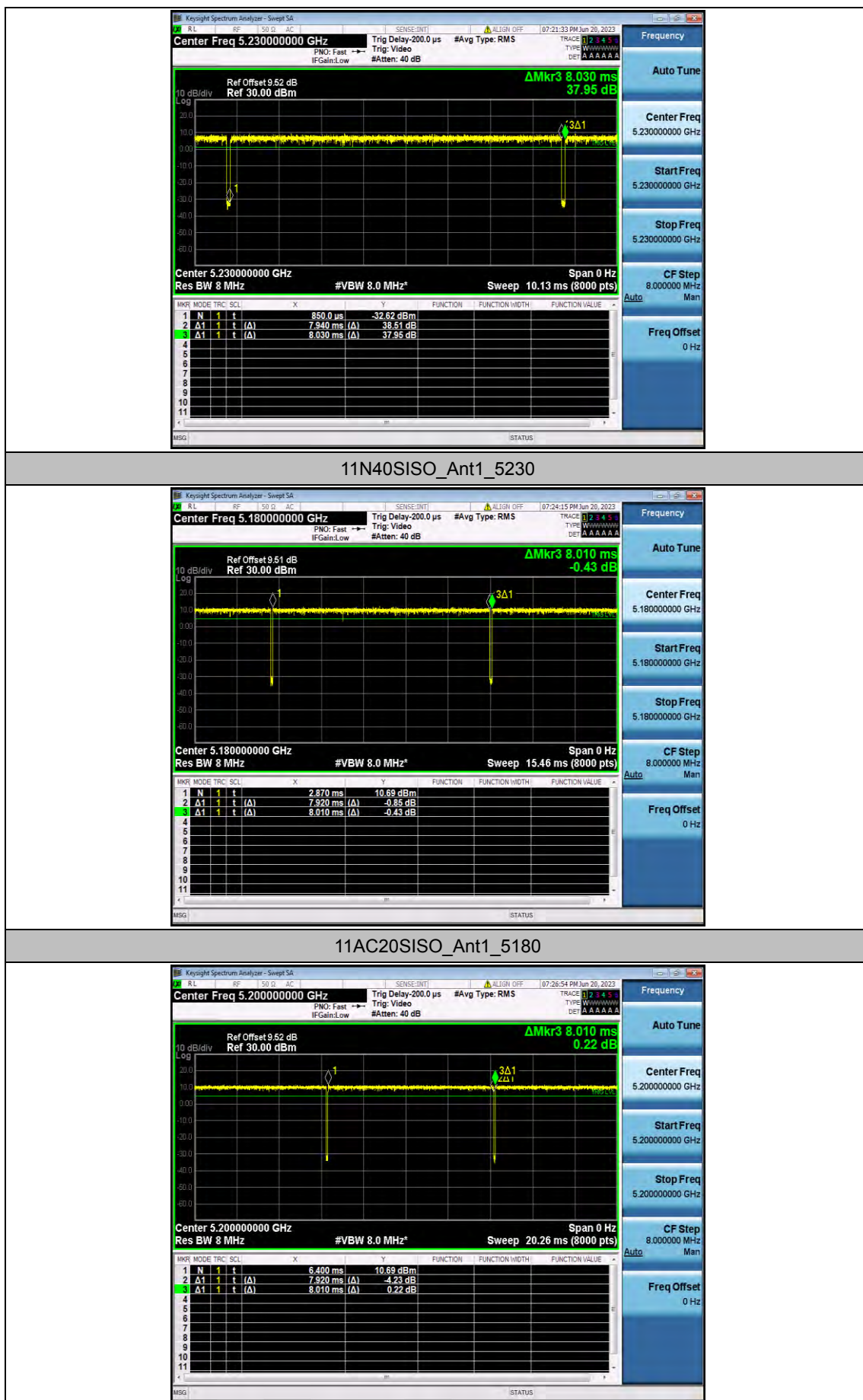
11N20SISO_Ant1_5200

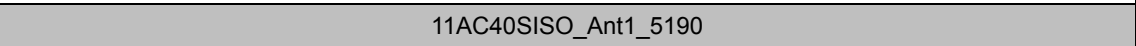
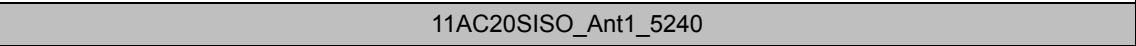


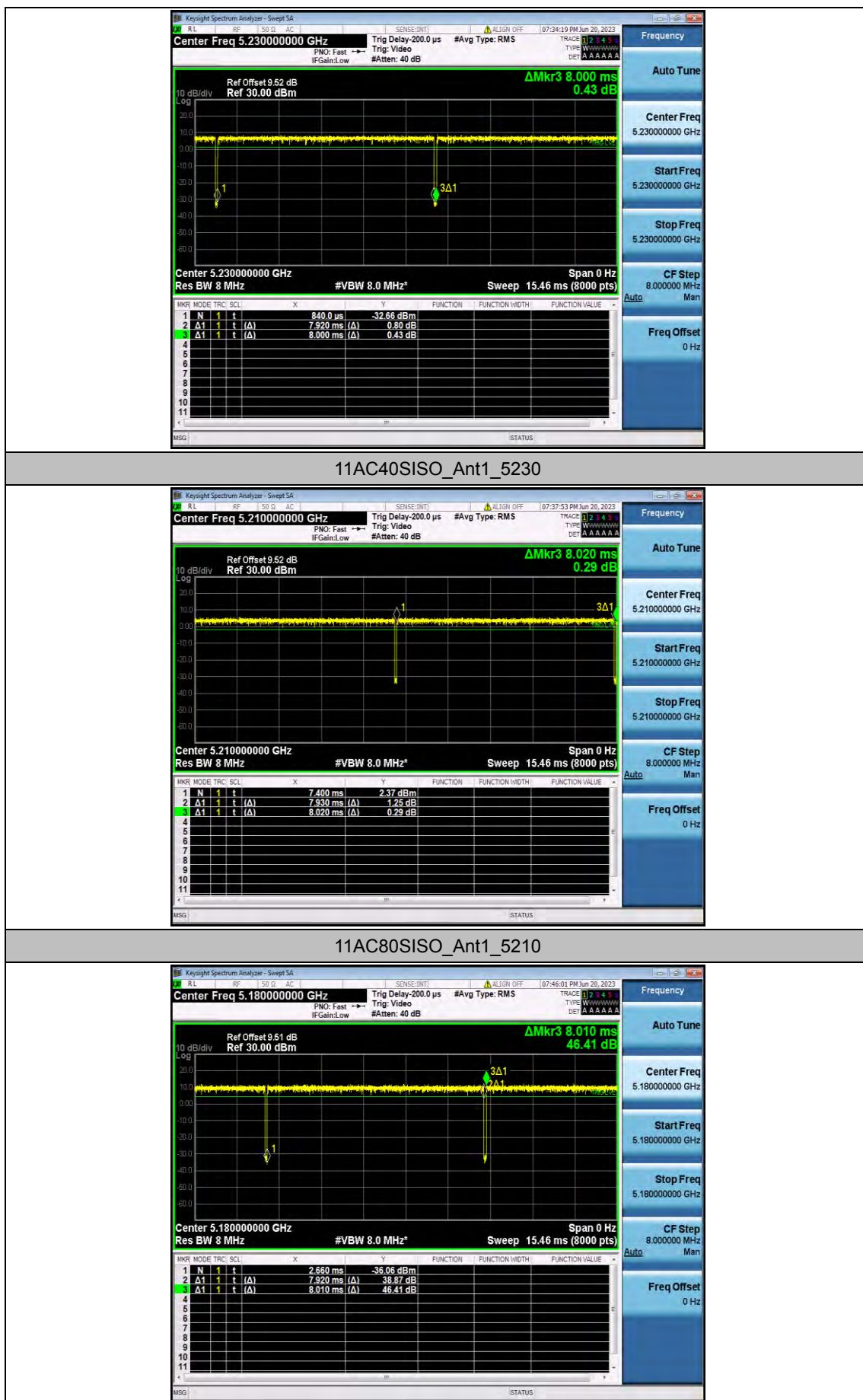
11N20SISO_Ant1_5240



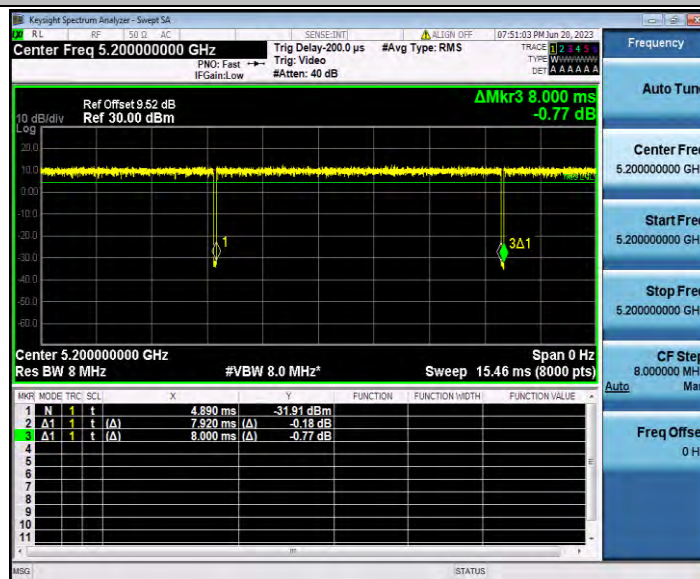
11N40SISO_Ant1_5190



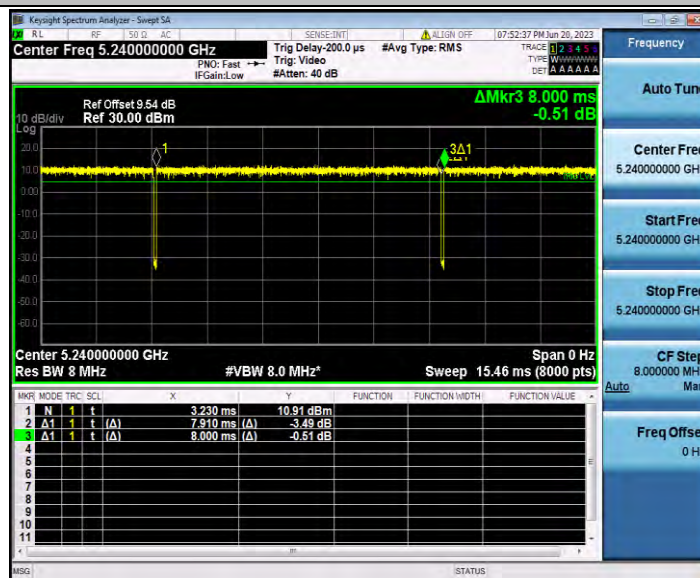




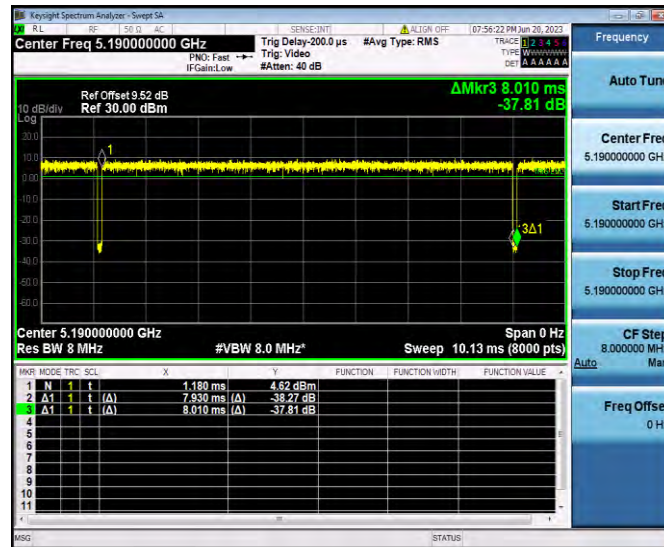
11AX20SISO_Ant1_5180



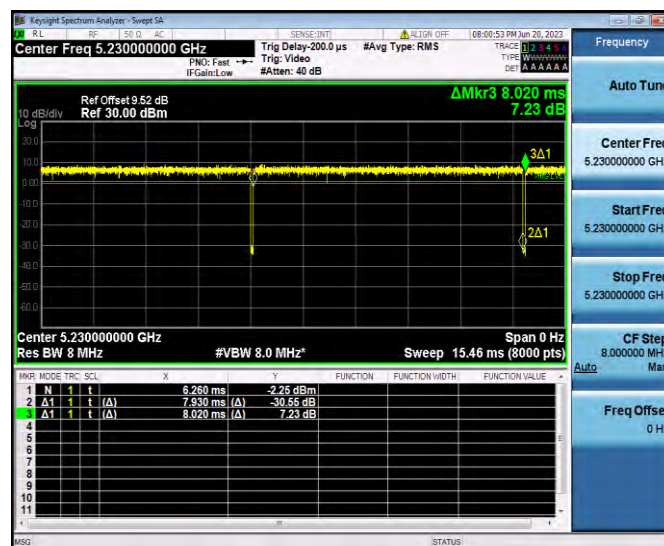
11AX20SISO_Ant1_5200



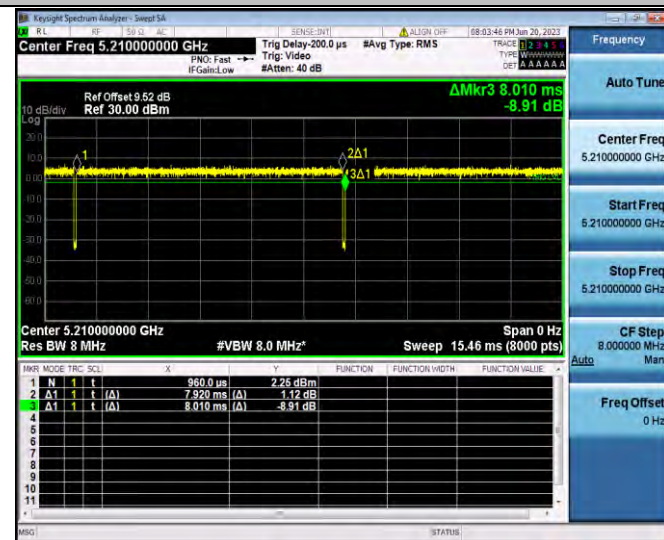
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210