

Case No. : <u>GTS20231018011-1-88</u>
Ambient Condition: <u>22 °C, 47 %RH</u>
According Standard: <u>■Part15E</u>
Test Date: <u>2024.1.24</u> Test Engineer: <u>Evan ouyang</u>

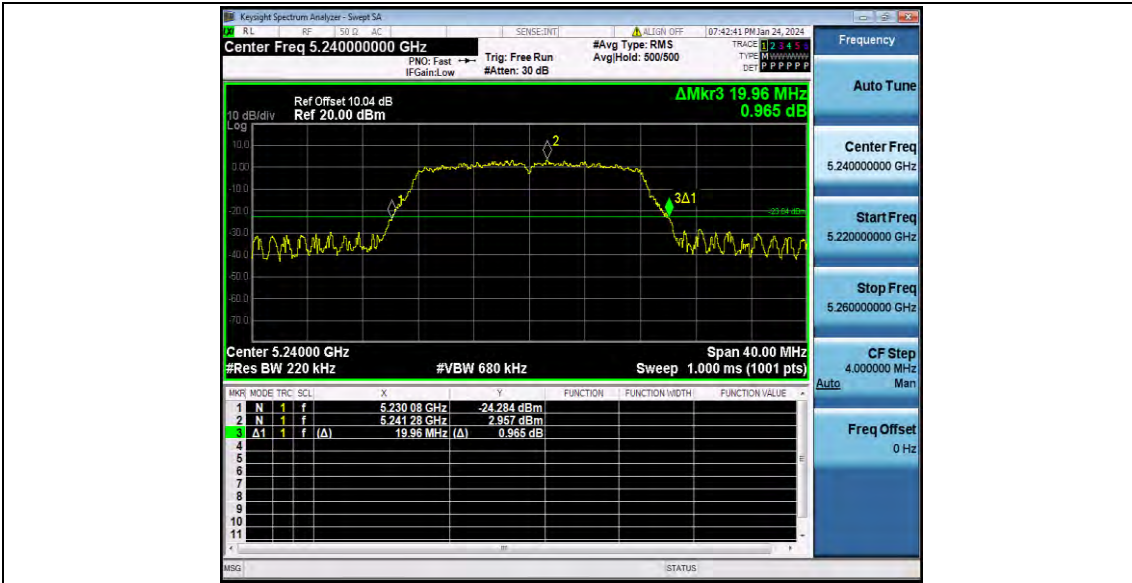
Appendix D.1: Emission Bandwidth

Test Result

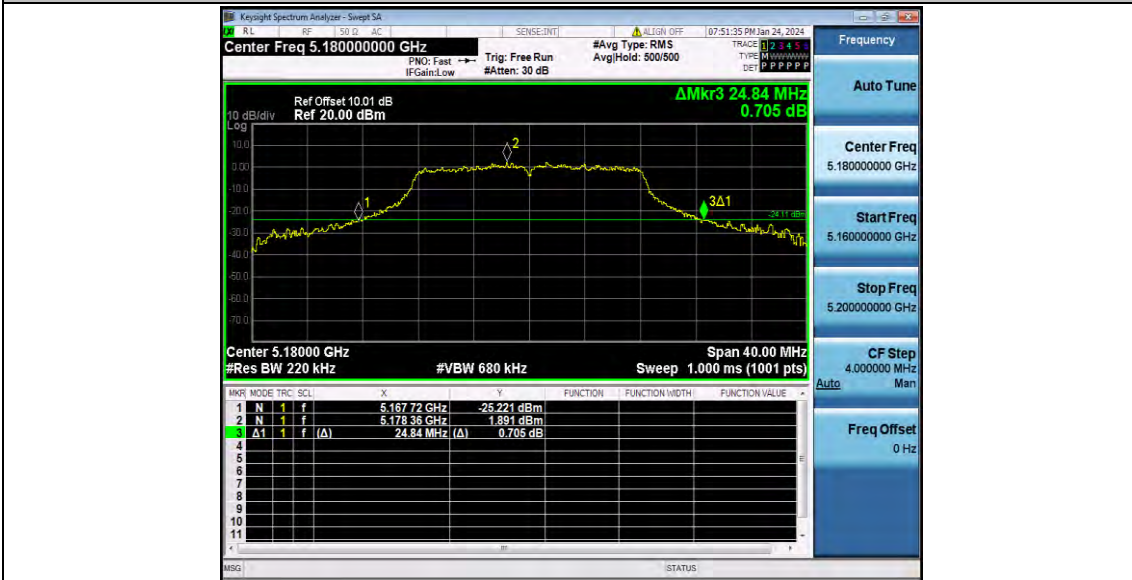
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.760	5167.920	5192.680	---	---
		5200	24.960	5187.560	5212.520	---	---
		5240	19.960	5230.080	5250.040	---	---
11N20SISO	Ant1	5180	24.840	5167.720	5192.560	---	---
		5200	25.400	5187.120	5212.520	---	---
		5240	19.960	5230.080	5250.040	---	---
11N40SISO	Ant1	5190	39.920	5160.080	5200.000	---	---
		5230	39.920	5210.160	5250.080	---	---
11AC20SISO	Ant1	5180	25.320	5167.800	5193.120	---	---
		5200	25.640	5187.560	5213.200	---	---
		5240	20.360	5229.800	5250.160	---	---
11AC40SISO	Ant1	5190	39.760	5170.240	5210.000	---	---
		5230	39.760	5210.240	5250.000	---	---
11AC80SISO	Ant1	5210	80.000	5170.160	5250.160	---	---
11AX20SISO	Ant1	5180	24.360	5169.040	5193.400	---	---
		5200	23.160	5188.480	5211.640	---	---
		5240	19.960	5230.040	5250.000	---	---
11AX40SISO	Ant1	5190	39.520	5170.240	5209.760	---	---
		5230	39.600	5210.240	5249.840	---	---
11AX80SISO	Ant1	5210	80.480	5169.840	5250.320	---	---

Test Graphs

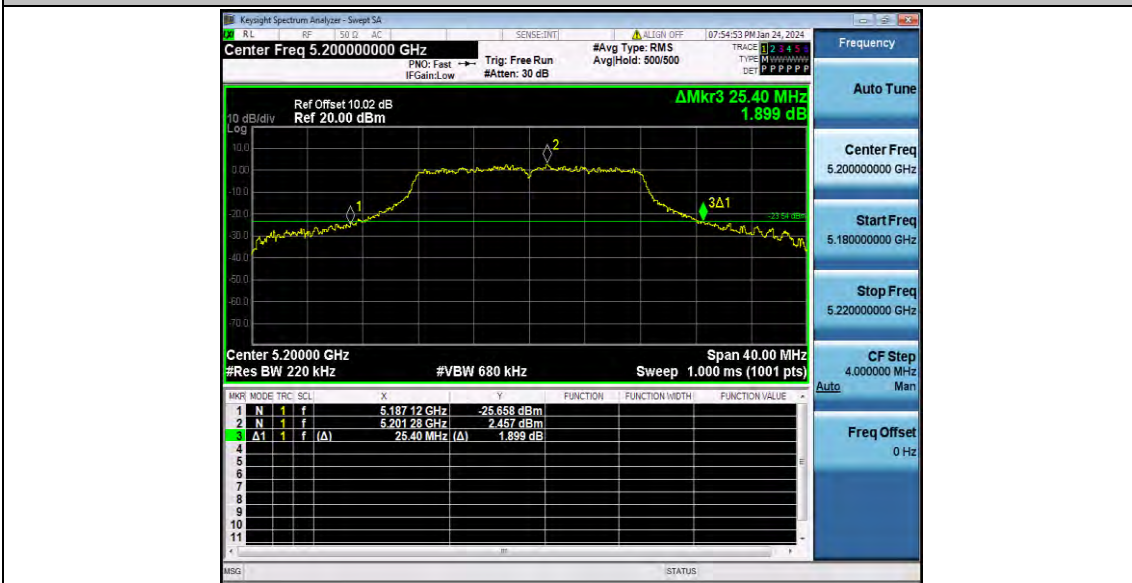




11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



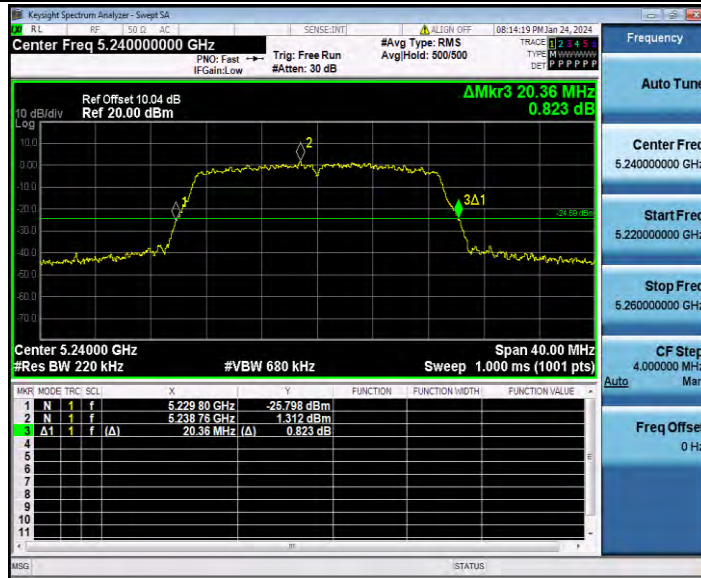
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



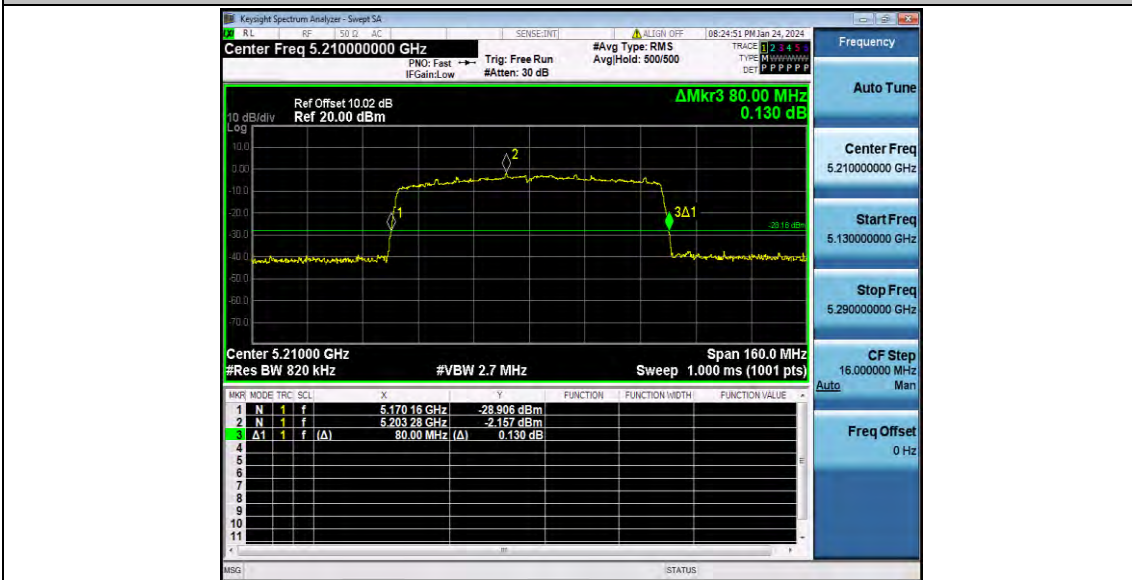
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



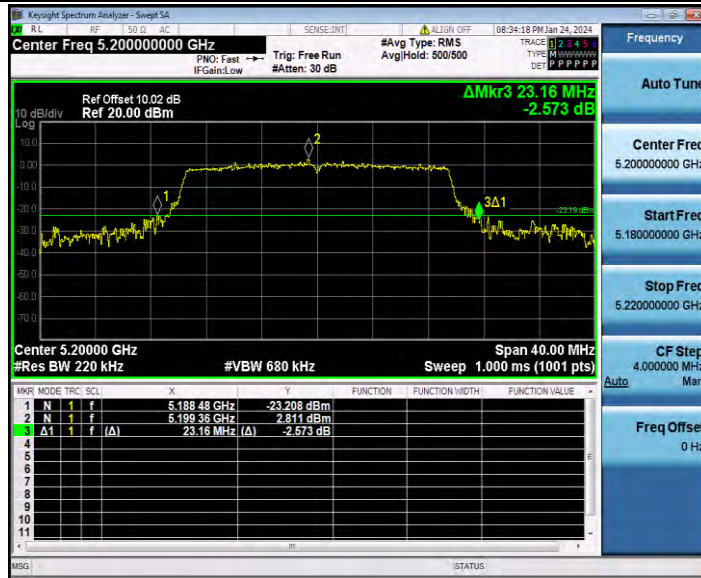
11AC80SISO_Ant1_5210



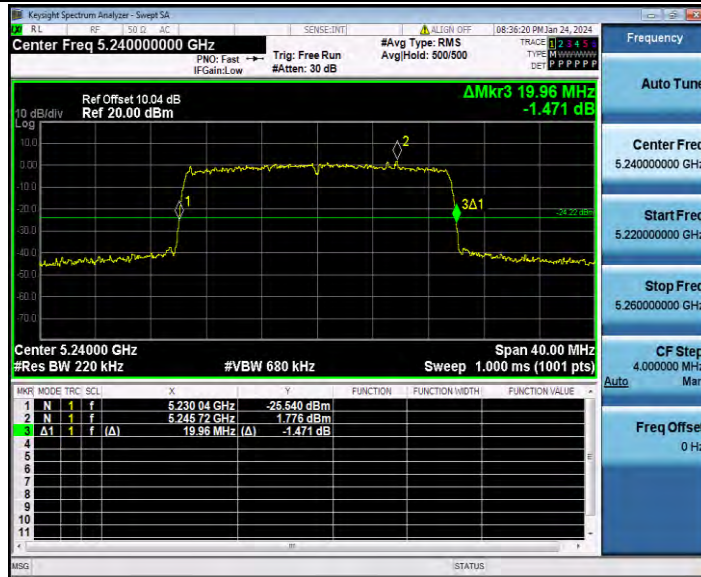
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

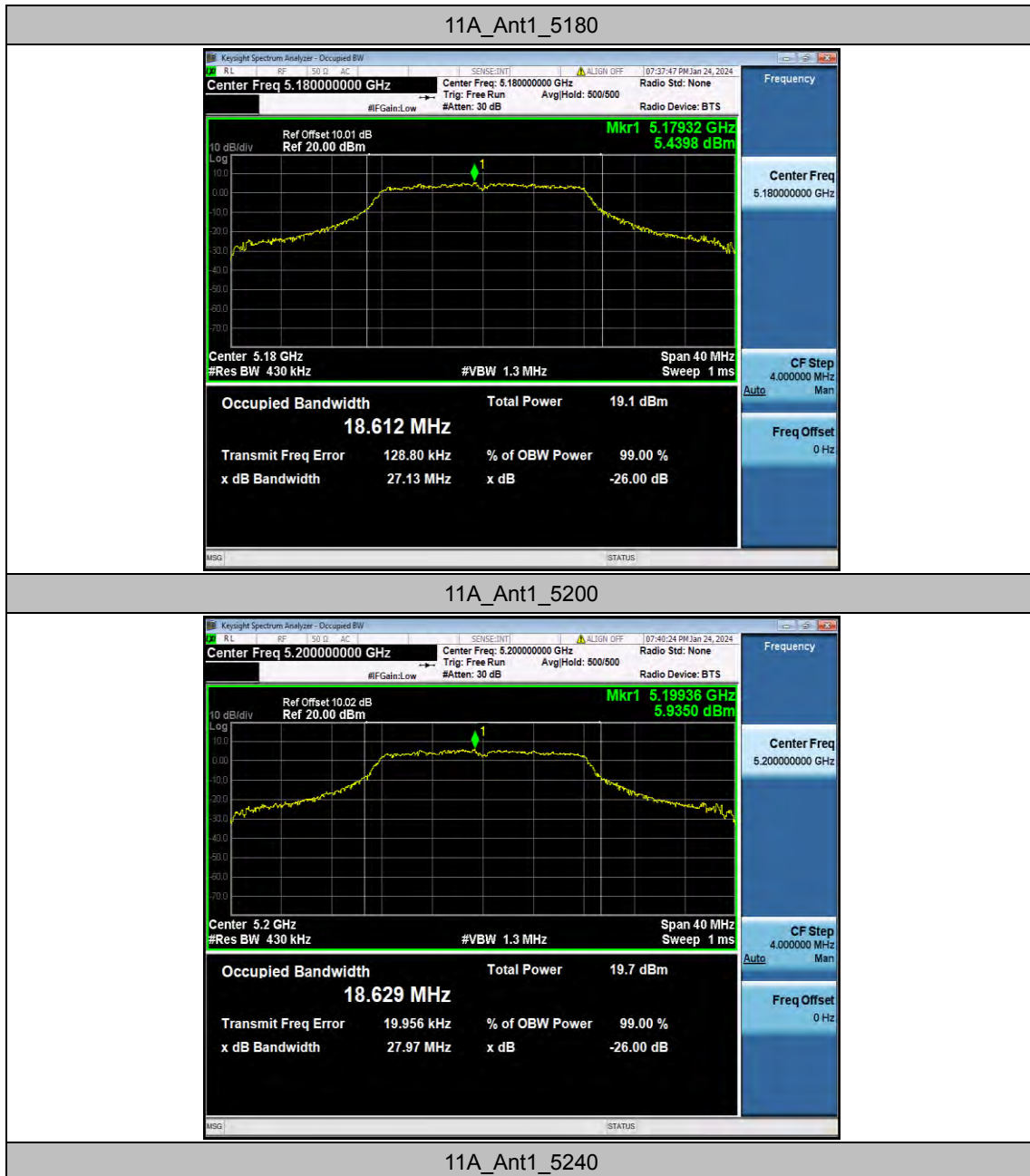


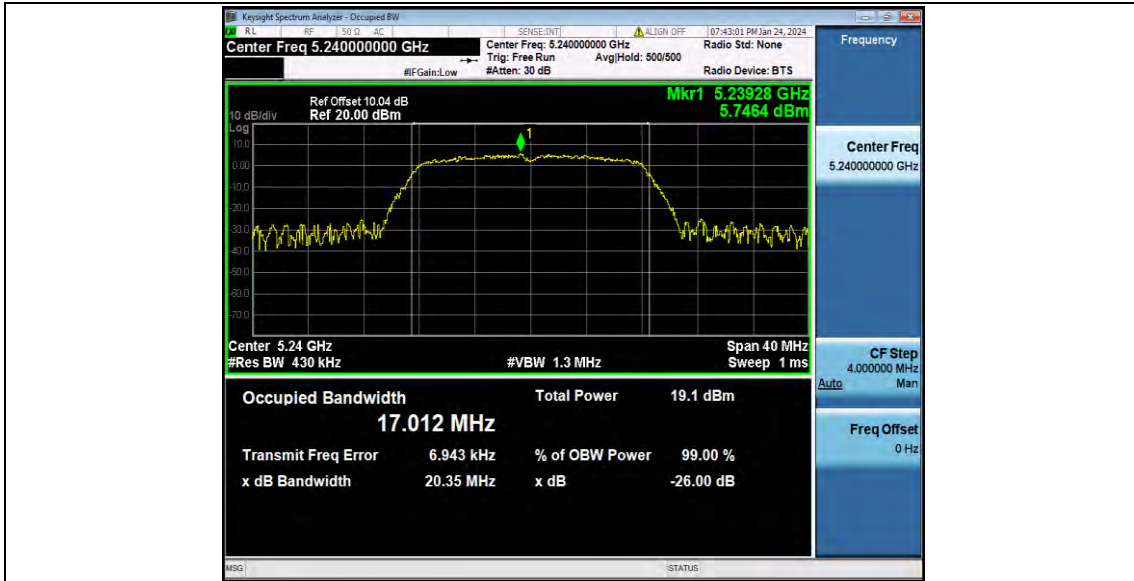
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.612	5170.8228	5189.4348	---	---
		5200	18.629	5190.7055	5209.3345	---	---
		5240	17.012	5231.5009	5248.5129	---	---
11N20SISO	Ant1	5180	18.612	5170.8259	5189.4379	---	---
		5200	18.628	5190.6762	5209.3042	---	---
		5240	16.986	5231.4948	5248.4808	---	---
11N40SISO	Ant1	5190	35.818	5172.2157	5208.0337	---	---
		5230	35.919	5212.0900	5248.0090	---	---
11AC20SISO	Ant1	5180	19.022	5170.6310	5189.6530	---	---
		5200	19.103	5190.5084	5209.6114	---	---
		5240	17.829	5231.1012	5248.9302	---	---
11AC40SISO	Ant1	5190	35.803	5172.2096	5208.0126	---	---
		5230	35.871	5212.1470	5248.0180	---	---
11AC80SISO	Ant1	5210	75.002	5172.7685	5247.7705	---	---
11AX20SISO	Ant1	5180	19.231	5170.4129	5189.6439	---	---
		5200	19.316	5190.3695	5209.6855	---	---
		5240	18.870	5230.5844	5249.4544	---	---
11AX40SISO	Ant1	5190	37.508	5171.3528	5208.8608	---	---
		5230	37.523	5211.2937	5248.8167	---	---
11AX80SISO	Ant1	5210	77.623	5171.4144	5249.0374	---	---

Test Graphs





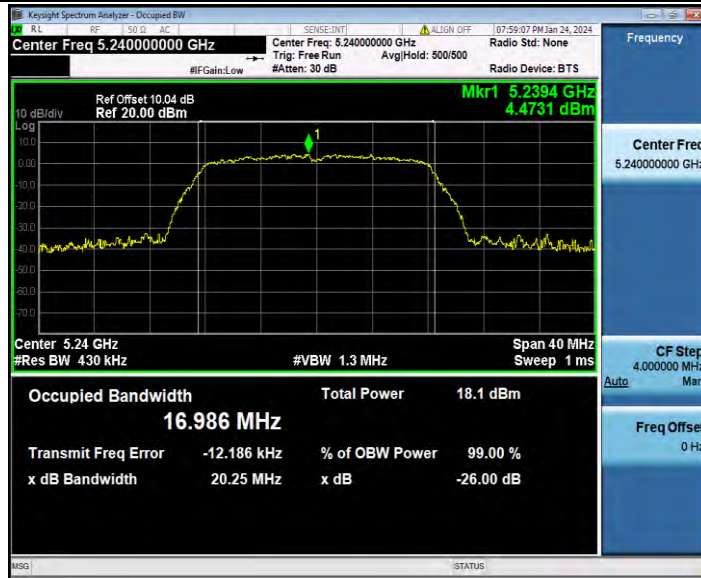
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



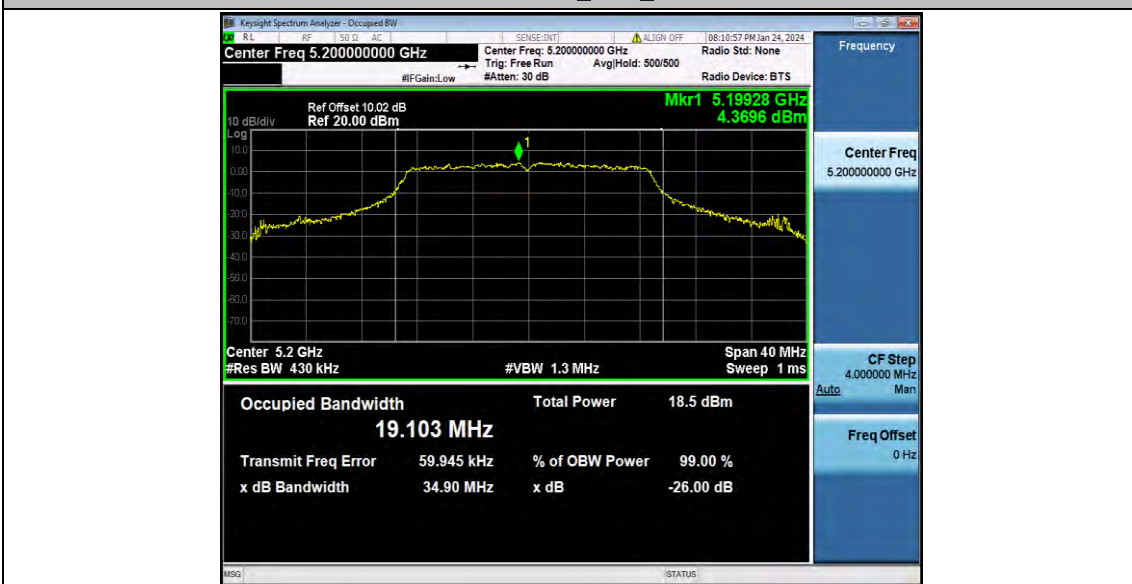
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



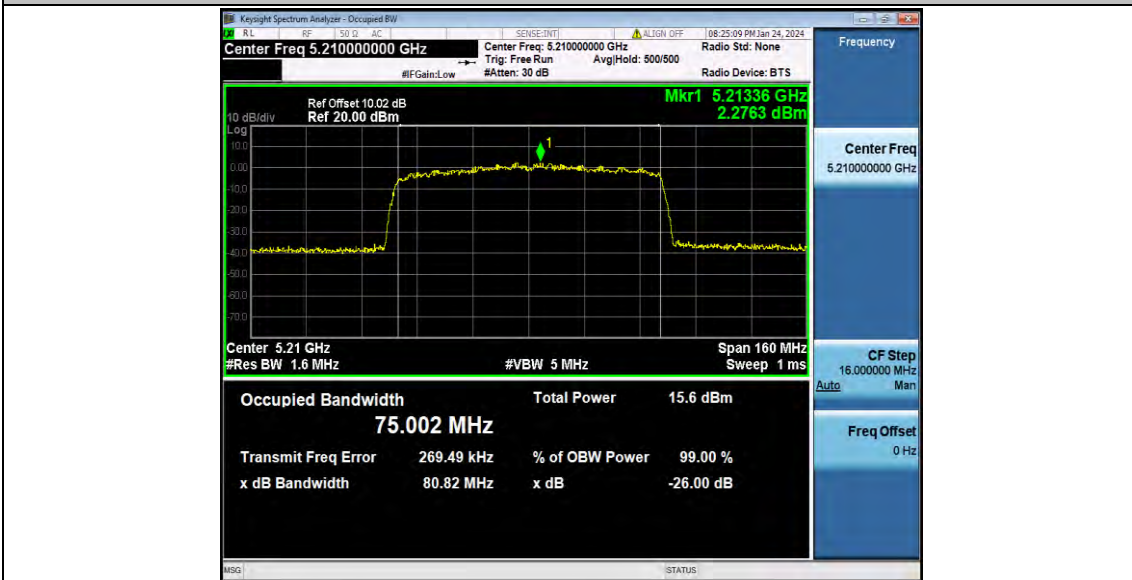
11AC40SISO_Ant1_5190



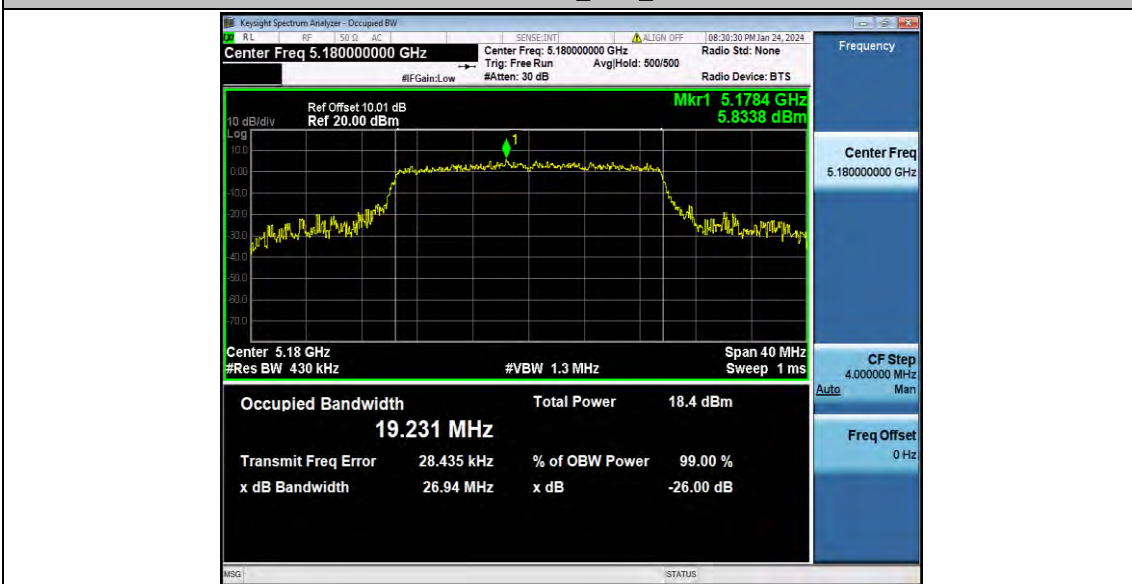
11AC40SISO_Ant1_5230



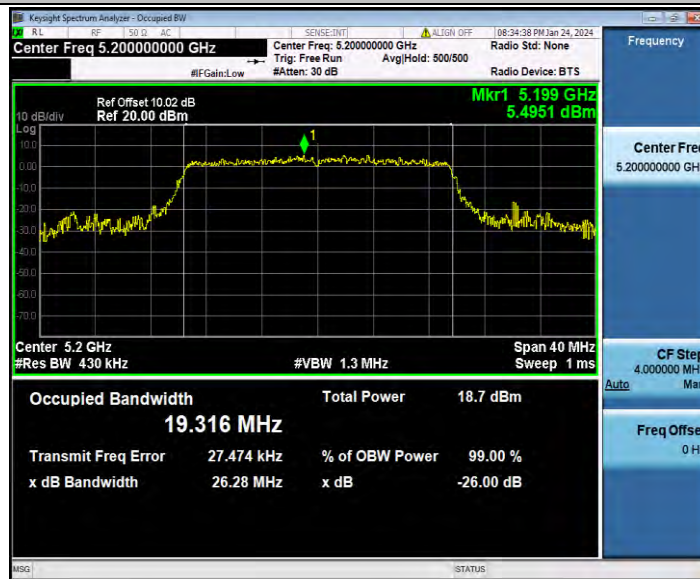
11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



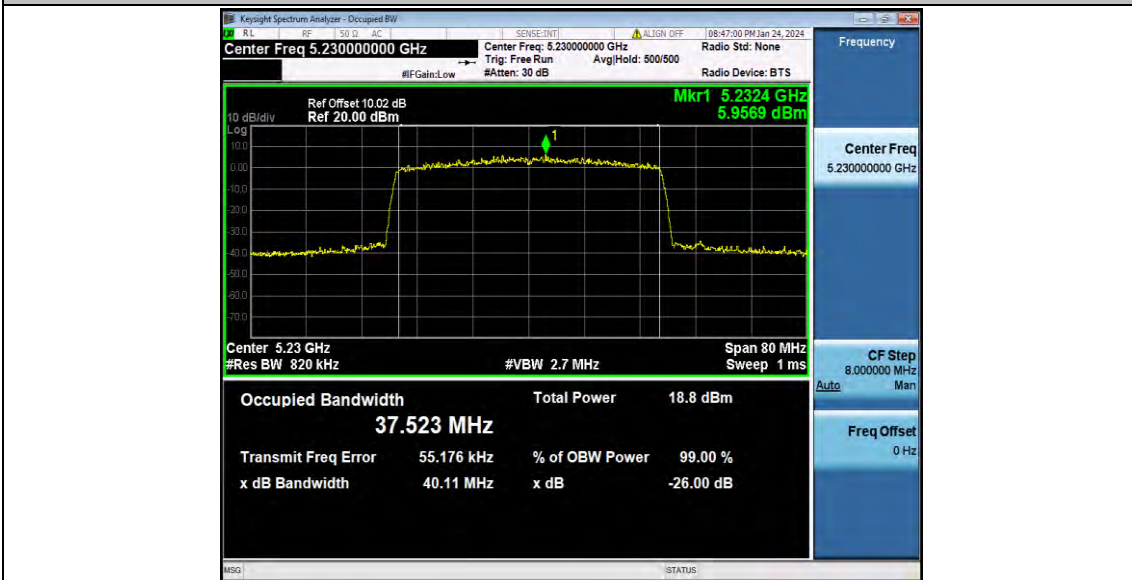
11AX20SISO_Ant1_5240



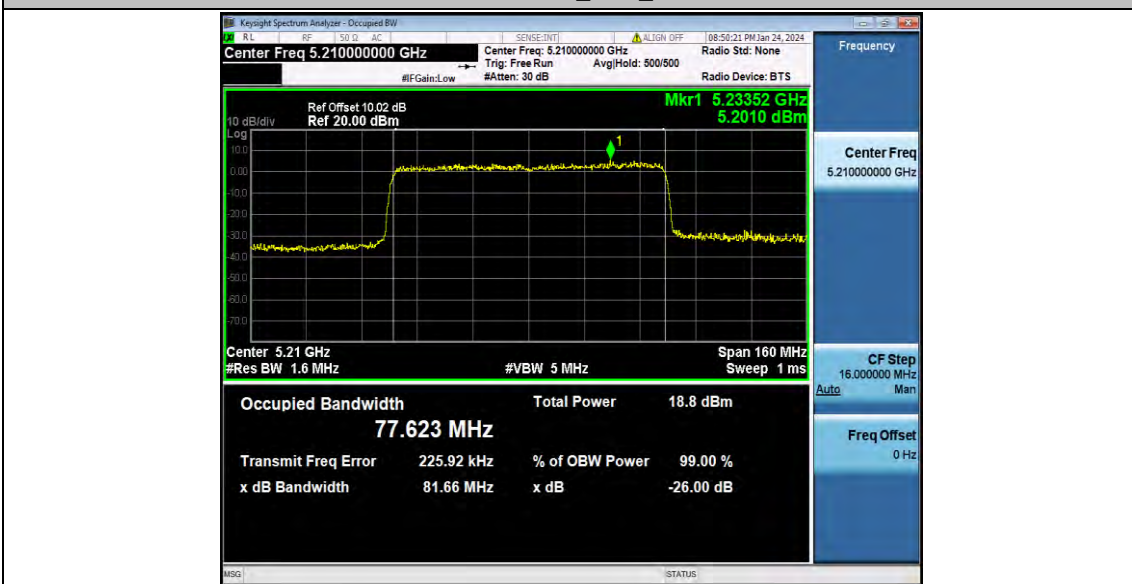
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

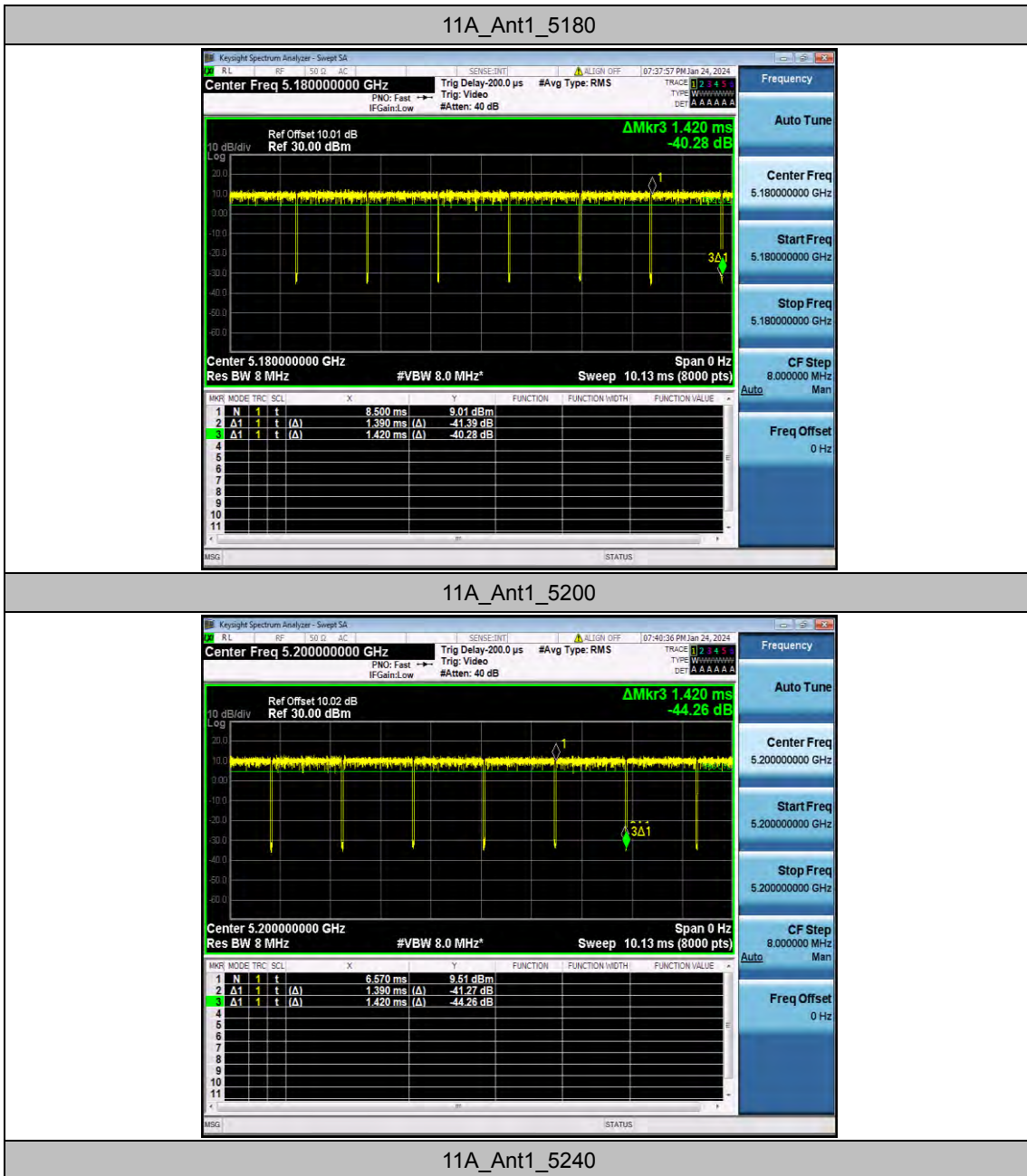


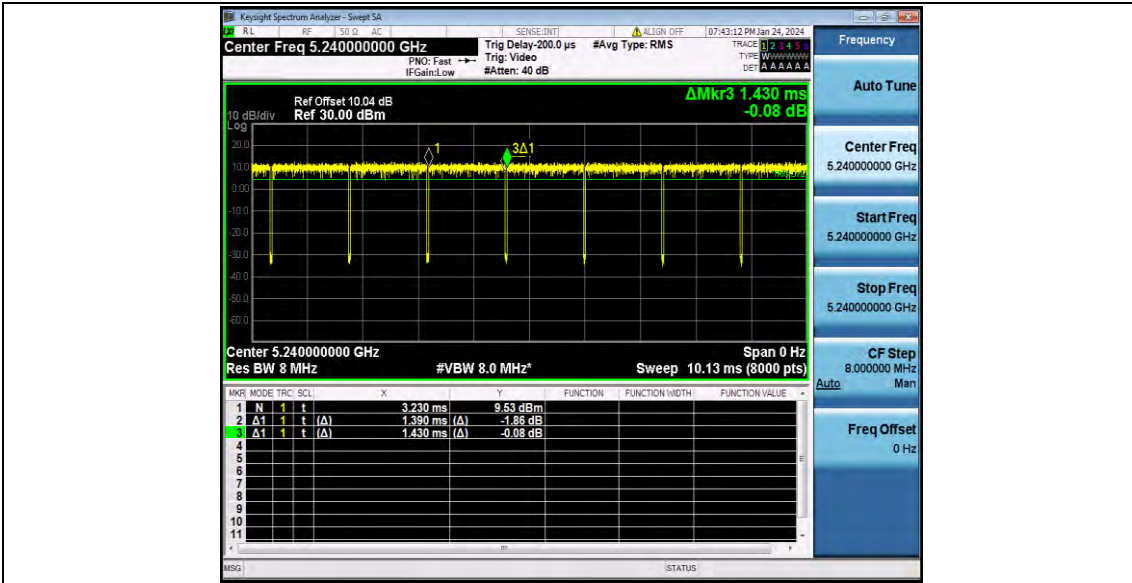
Appendix D.3: Duty Cycle

Test Result

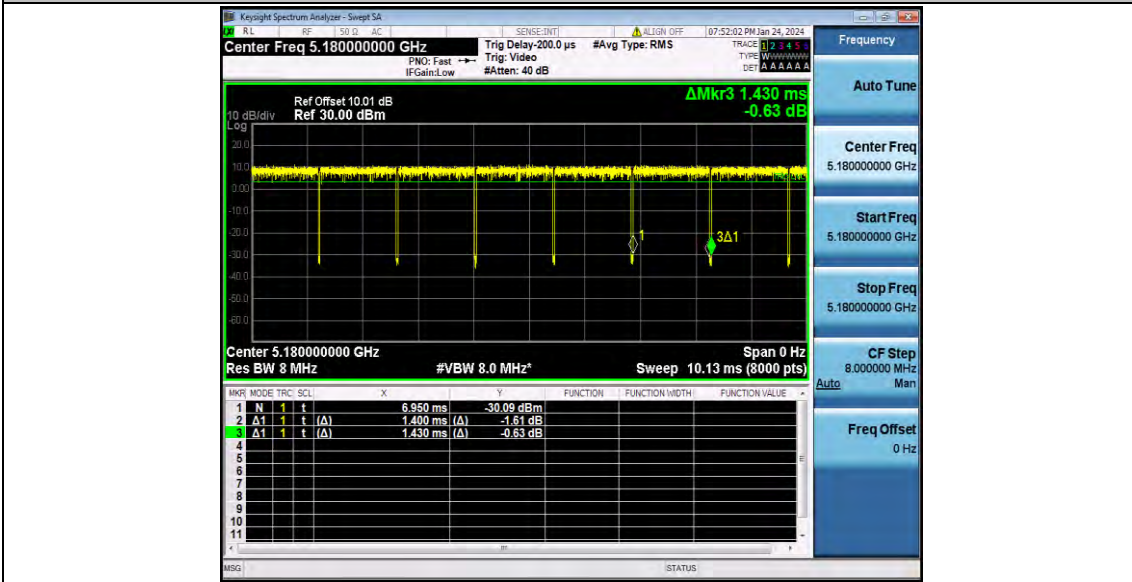
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	1.39	1.42	97.89	0.09	0.72
		5200	1.39	1.42	97.89	0.09	0.72
		5240	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	5180	1.40	1.43	97.90	0.09	0.71
		5200	1.39	1.42	97.89	0.09	0.72
		5240	1.39	1.43	97.20	0.12	0.72
11N40SISO	Ant1	5190	0.65	0.69	94.20	0.26	1.54
		5230	0.65	0.68	95.59	0.20	1.54
11AC20SISO	Ant1	5180	1.31	1.35	97.04	0.13	0.76
		5200	1.31	1.35	97.04	0.13	0.76
		5240	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5190	0.65	0.69	94.20	0.26	1.54
		5230	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5210	0.33	0.36	91.67	0.38	3.03
11AX20SISO	Ant1	5180	1.02	1.05	97.14	0.13	0.98
		5200	1.01	1.05	96.19	0.17	0.99
		5240	1.02	1.05	97.14	0.13	0.98
11AX40SISO	Ant1	5190	0.53	0.56	94.64	0.24	1.89
		5230	0.53	0.56	94.64	0.24	1.89
11AX80SISO	Ant1	5210	3.39	6.73	50.37	2.98	0.29

Test Graphs

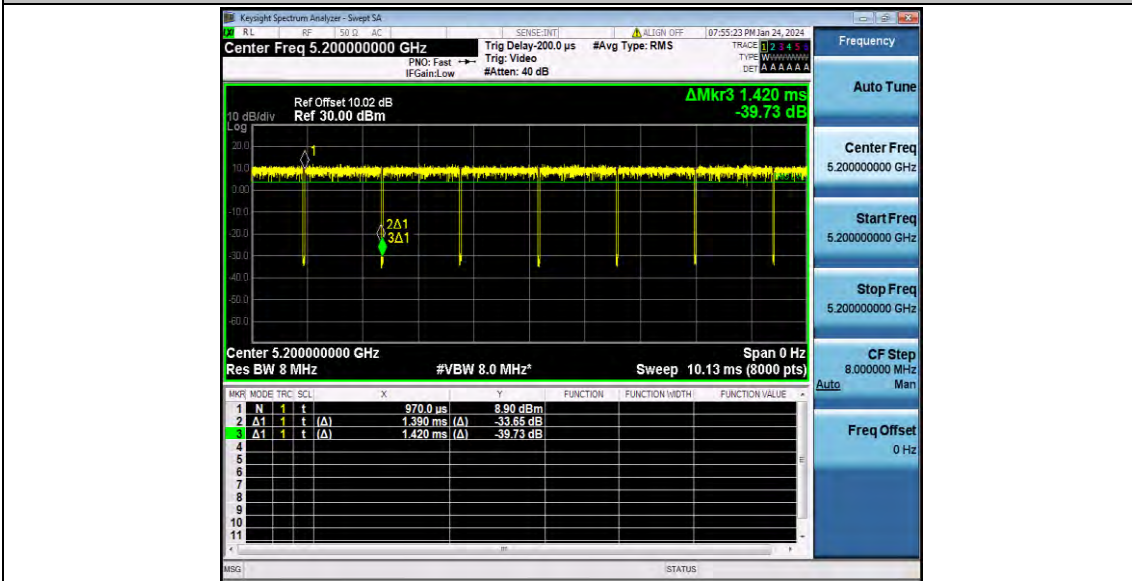




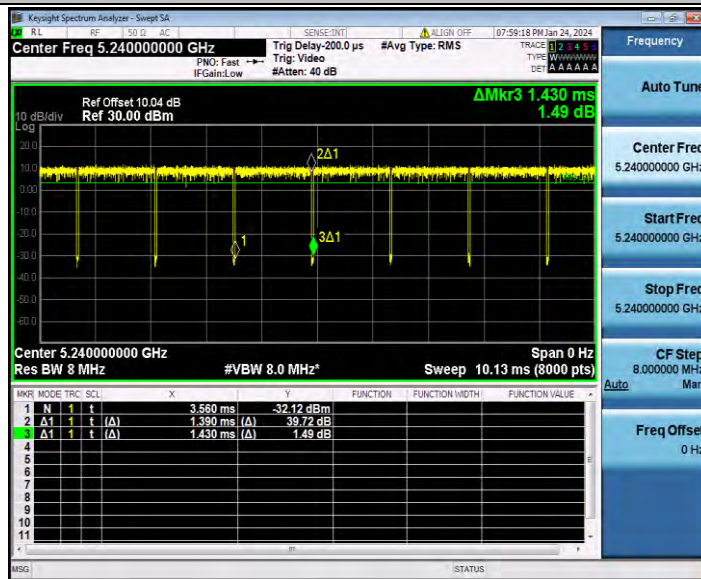
11N20SISO_Ant1_5180



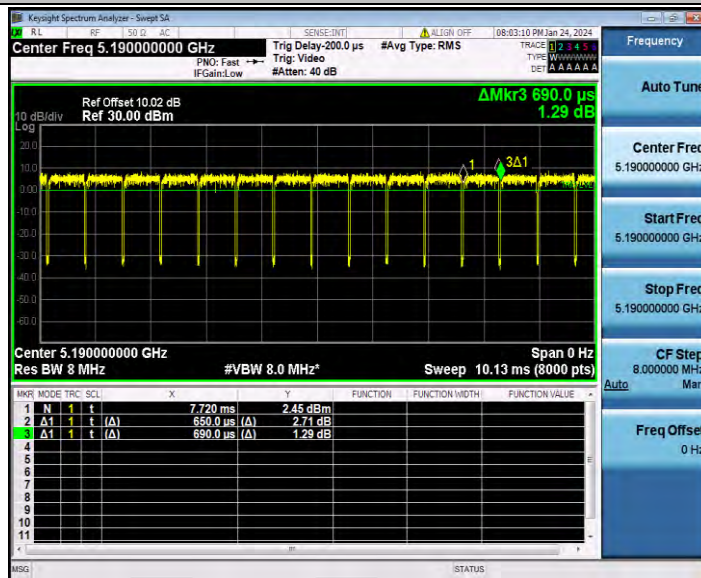
11N20SISO_Ant1_5200



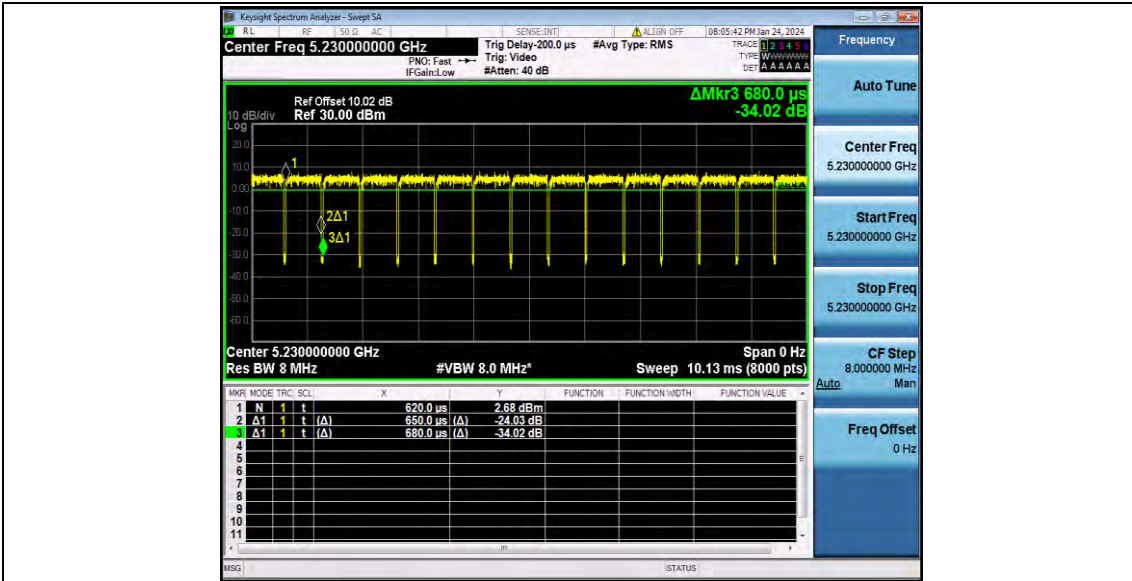
11N20SISO_Ant1_5240



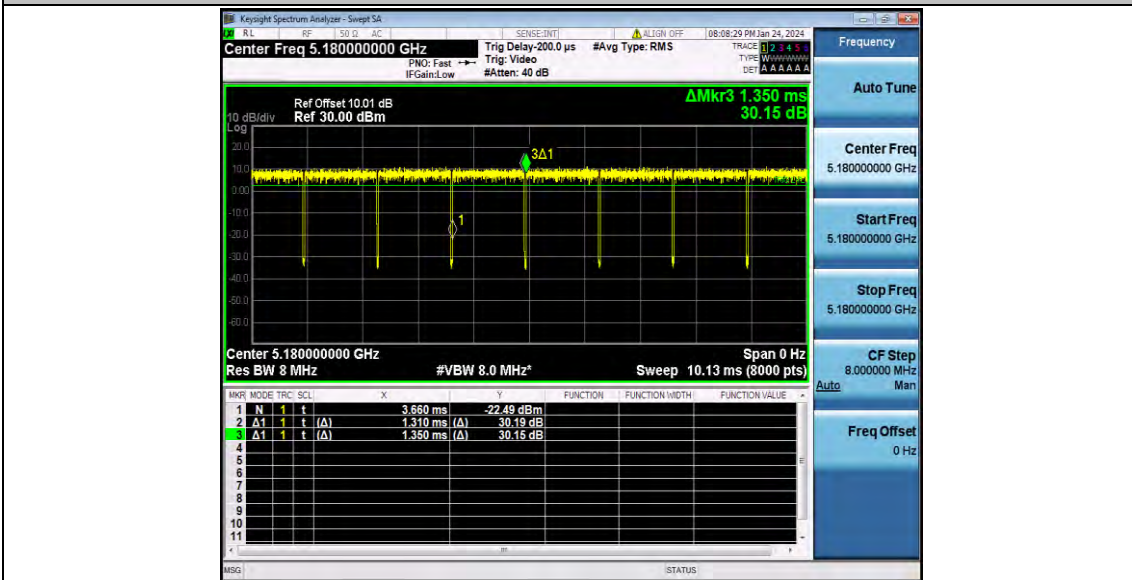
11N40SISO_Ant1_5190



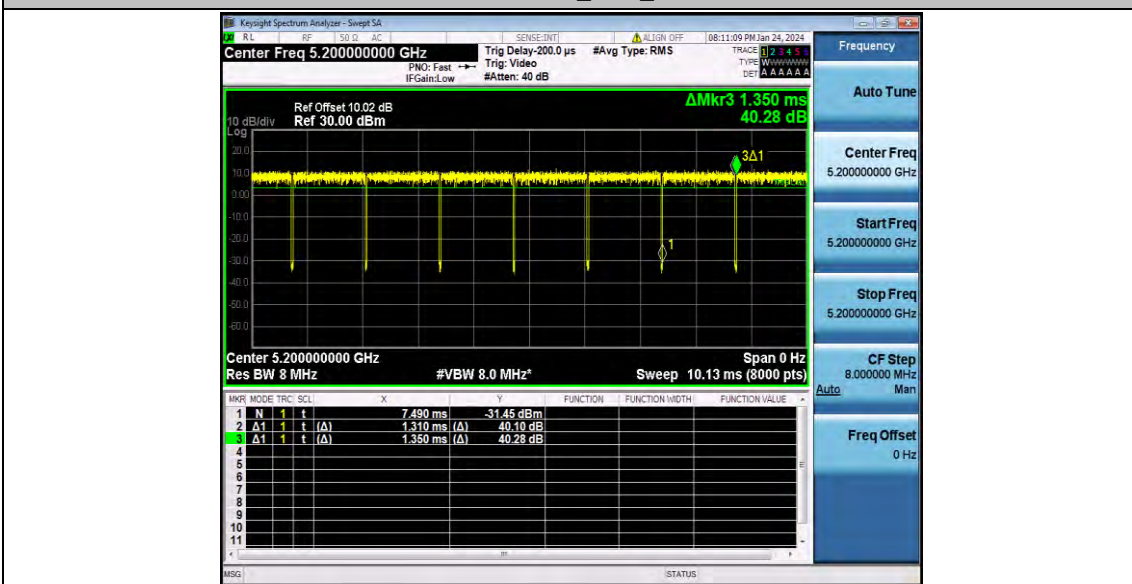
11N40SISO_Ant1_5230



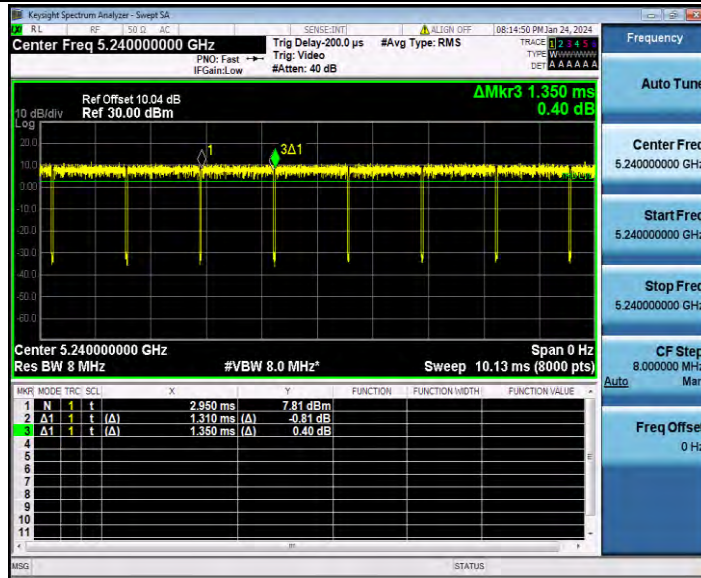
11AC20SISO_Ant1_5180



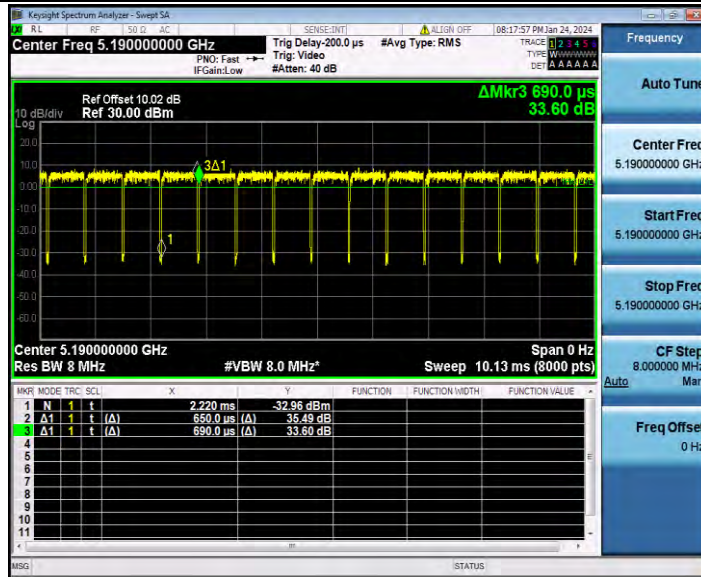
11AC20SISO_Ant1_5200



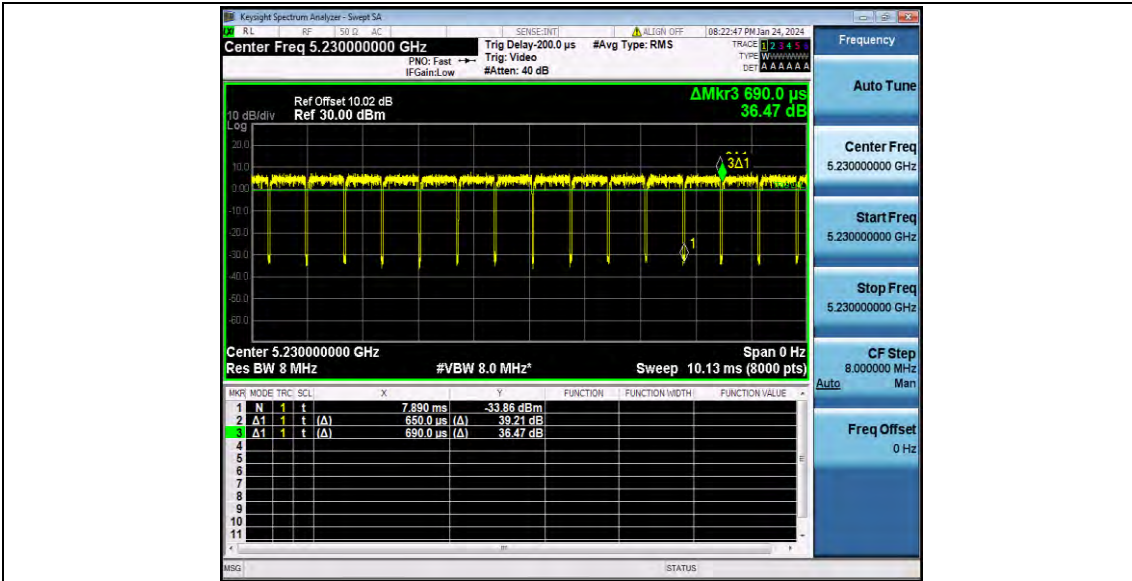
11AC20SISO_Ant1_5240



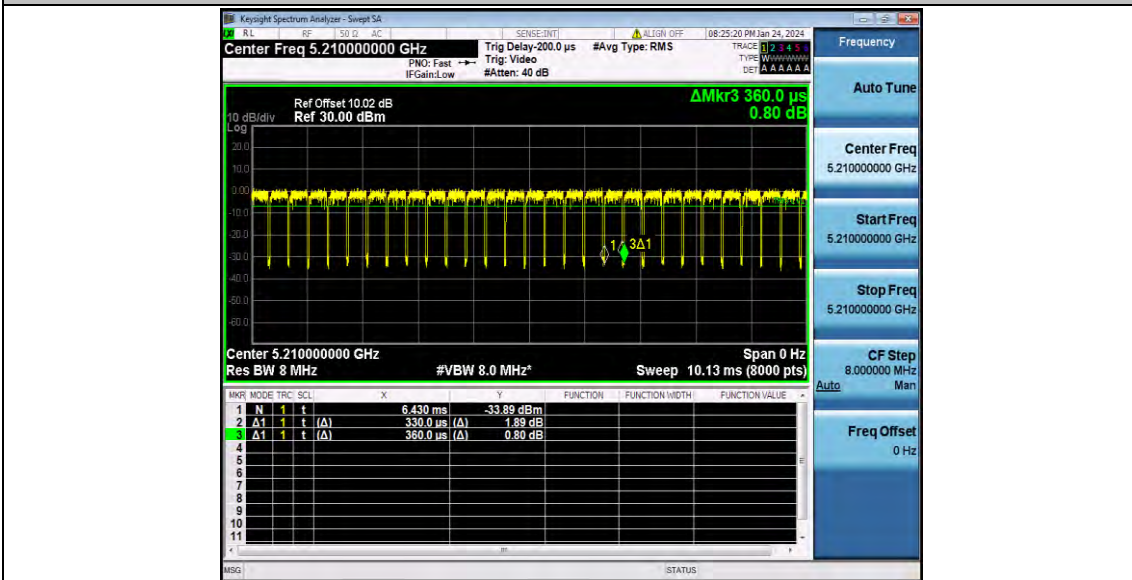
11AC40SISO_Ant1_5190



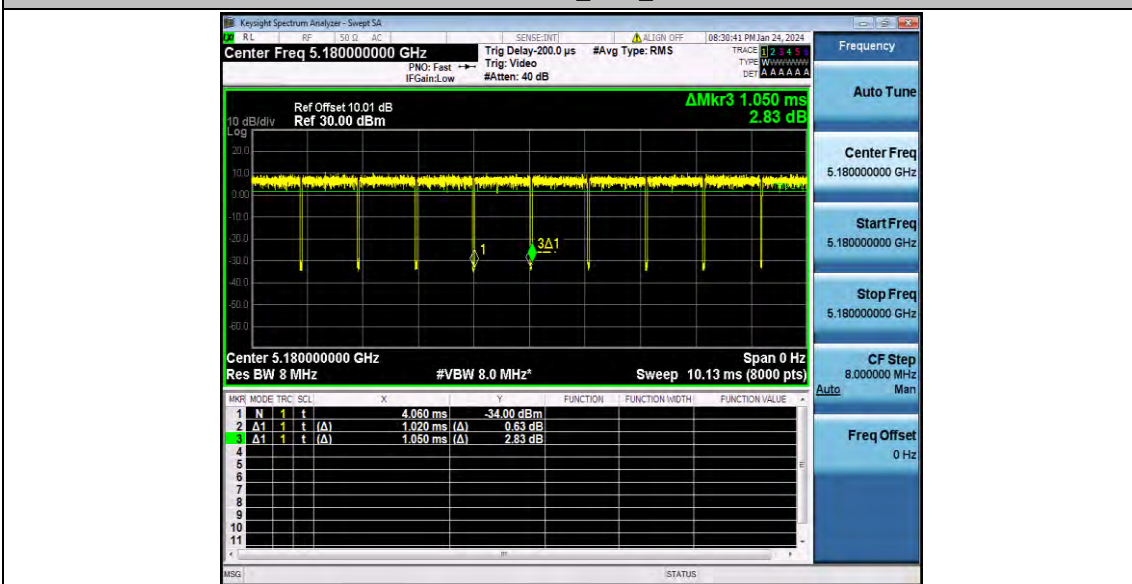
11AC40SISO_Ant1_5230



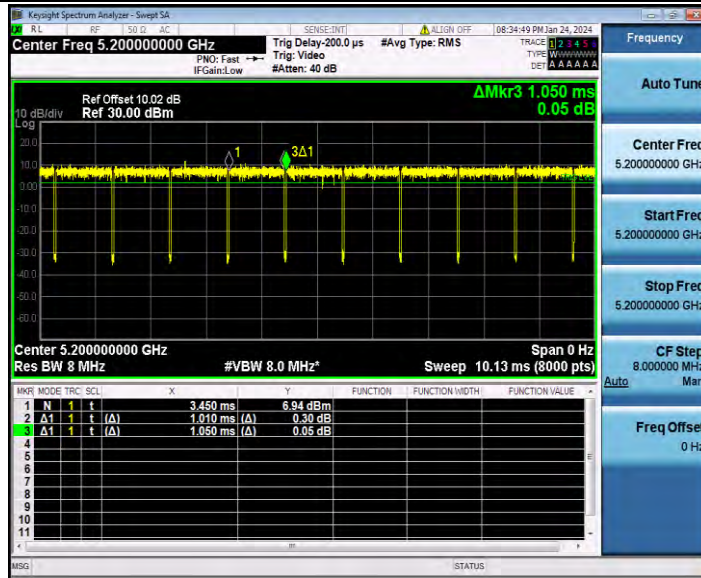
11AC80SISO_Ant1_5210



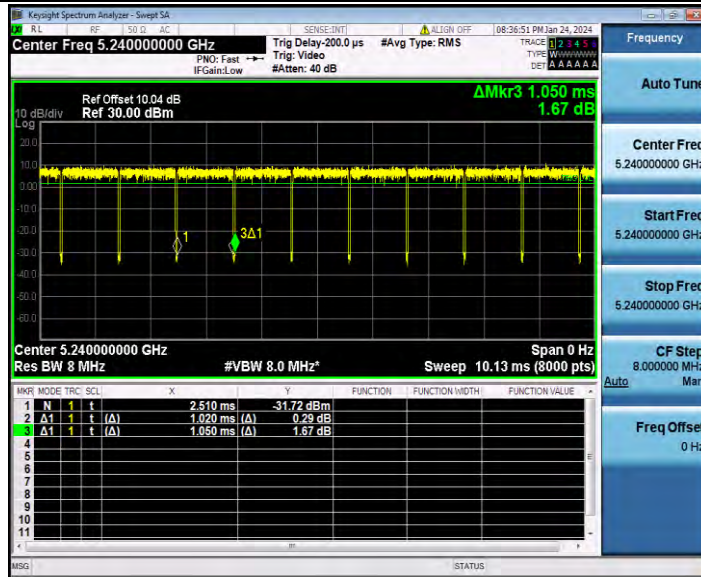
11AX20SISO_Ant1_5180



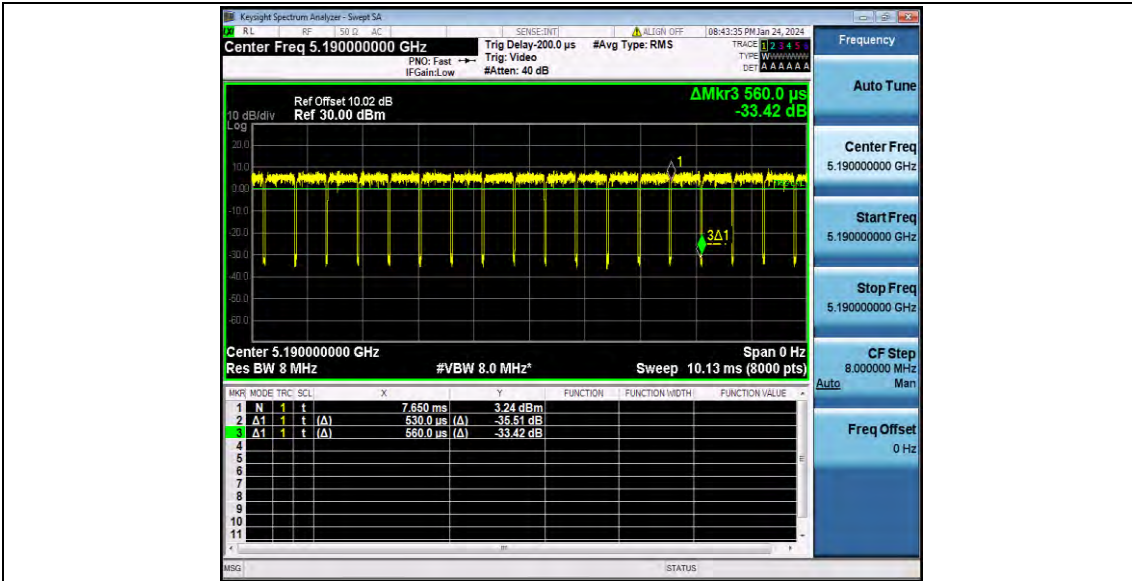
11AX20SISO_Ant1_5200



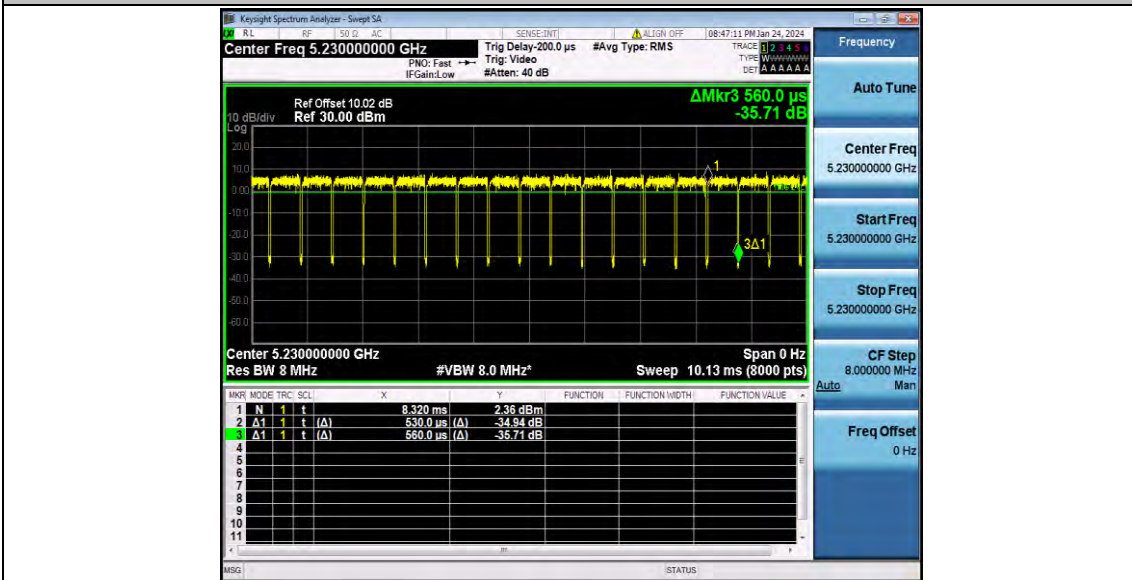
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

