

Case No. : <u>GTS20231018011-1-88</u>
Ambient Condition: <u>24</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2024.1.19</u> Test Engineer: <u>Evan ouyang</u>

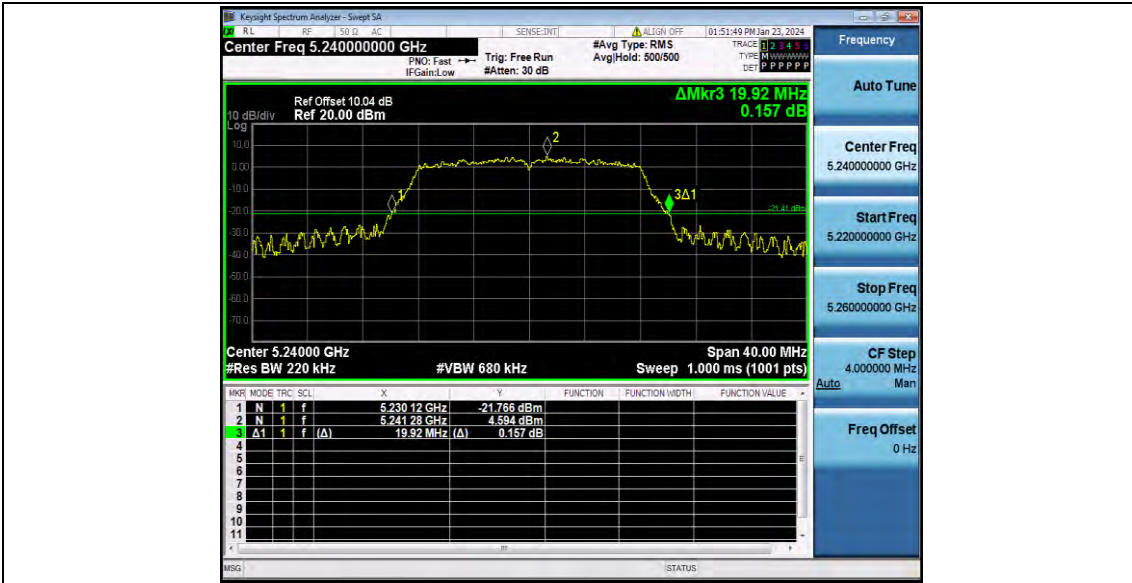
Appendix D.1: Emission Bandwidth

Test Result

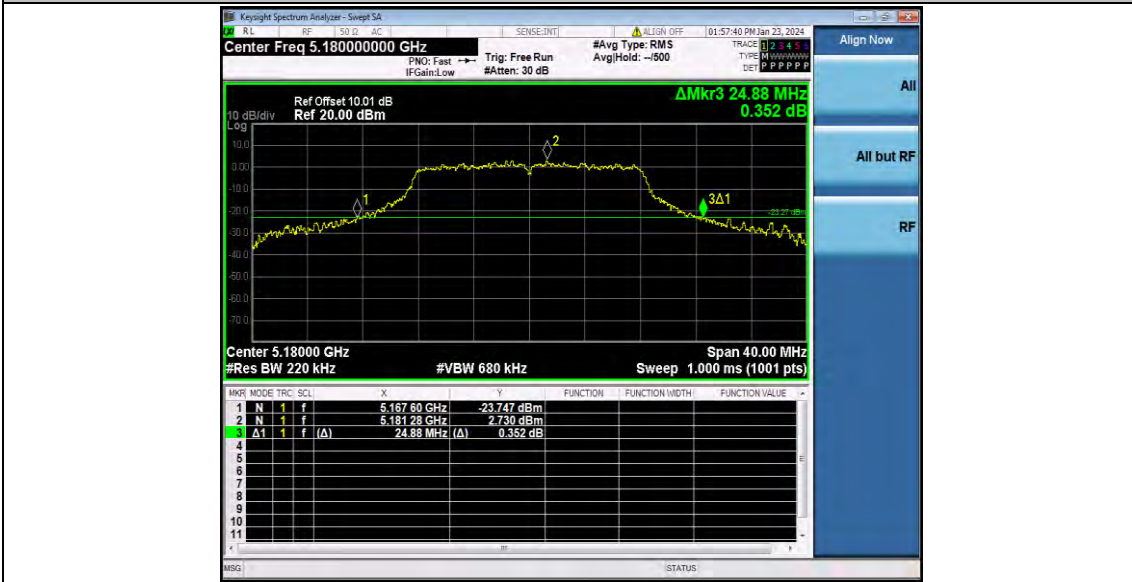
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	24.800	5167.560	5192.360	---	---
		5200	25.240	5187.160	5212.400	---	---
		5240	19.920	5230.120	5250.040	---	---
11N20SISO	Ant0	5180	24.880	5167.600	5192.480	---	---
		5200	26.000	5186.680	5212.680	---	---
		5240	19.760	5230.120	5249.880	---	---
11N40SISO	Ant0	5190	39.600	5170.320	5209.920	---	---
		5230	39.840	5210.320	5250.160	---	---
11AC20SISO	Ant0	5180	25.440	5167.560	5193.000	---	---
		5200	25.800	5187.600	5213.400	---	---
		5240	20.280	5229.920	5250.200	---	---
11AC40SISO	Ant0	5190	39.920	5170.240	5210.160	---	---
		5230	40.000	5210.000	5250.000	---	---
11AC80SISO	Ant0	5210	80.320	5170.000	5250.320	---	---
11AX20SISO	Ant0	5180	30.600	5162.120	5192.720	---	---
		5200	24.760	5187.000	5211.760	---	---
		5240	19.960	5230.040	5250.000	---	---
11AX40SISO	Ant0	5190	39.520	5170.240	5209.760	---	---
		5230	39.520	5210.320	5249.840	---	---
11AX80SISO	Ant0	5210	80.480	5169.840	5250.320	---	---

Test Graphs





11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



11N20SISO_Ant0_5240



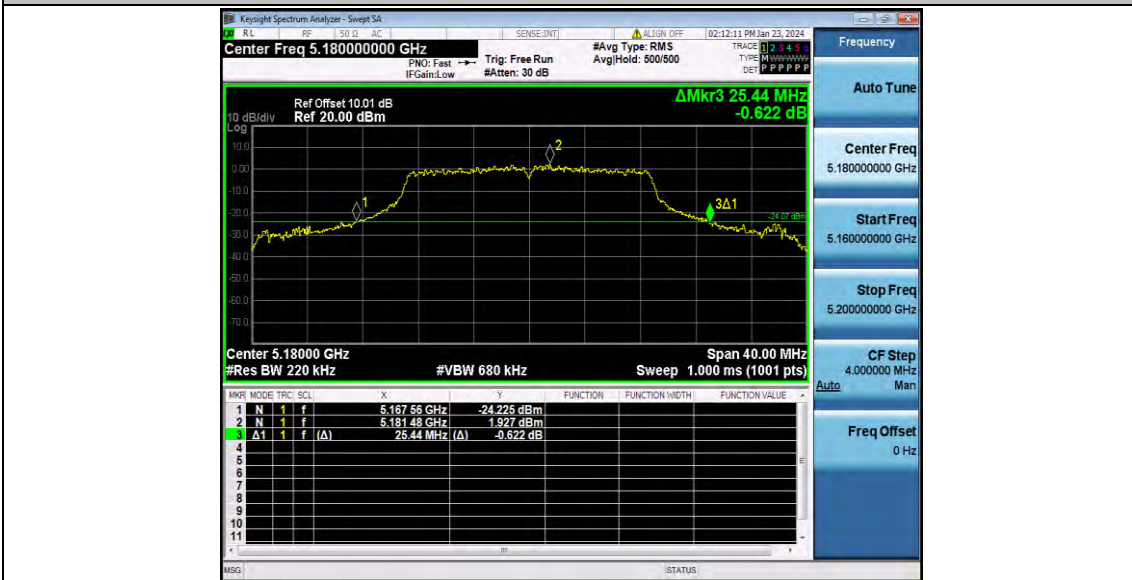
11N40SISO_Ant0_5190



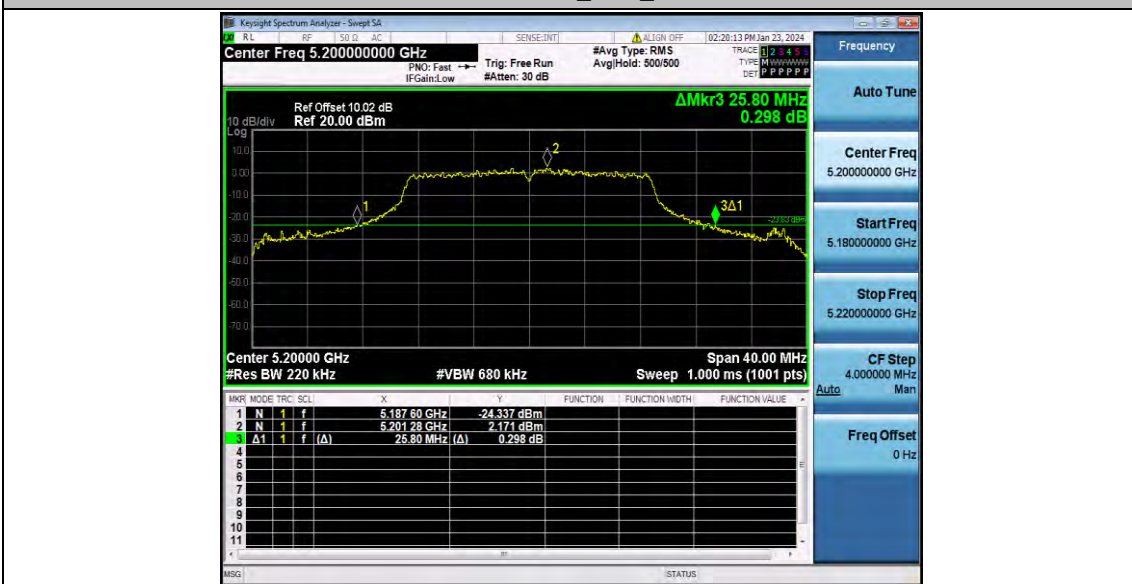
11N40SISO_Ant0_5230



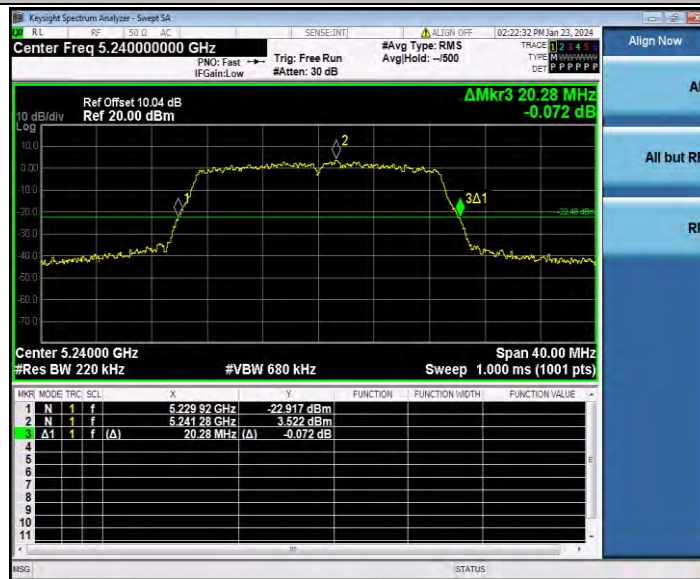
11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



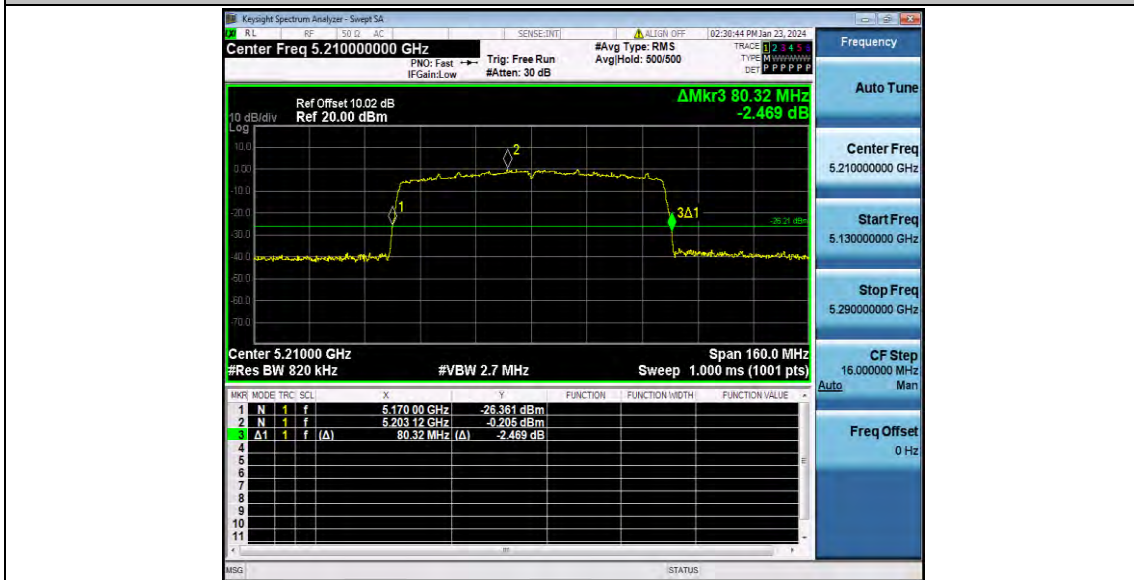
11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



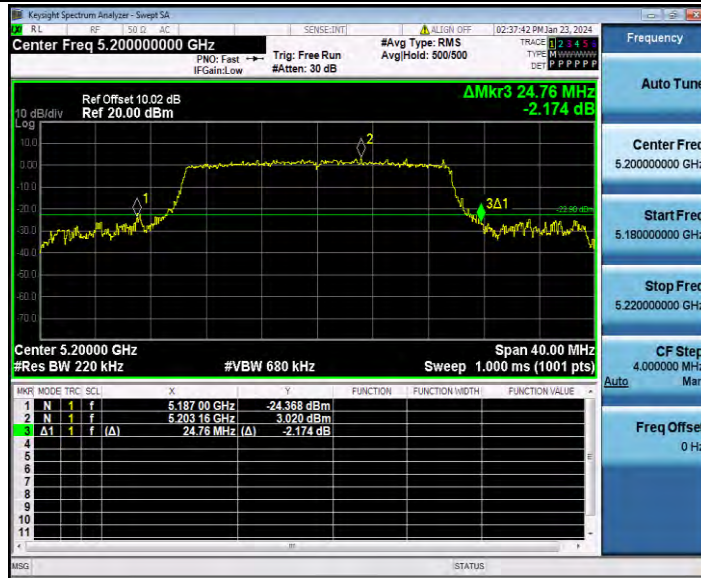
11AC80SISO_Ant0_5210



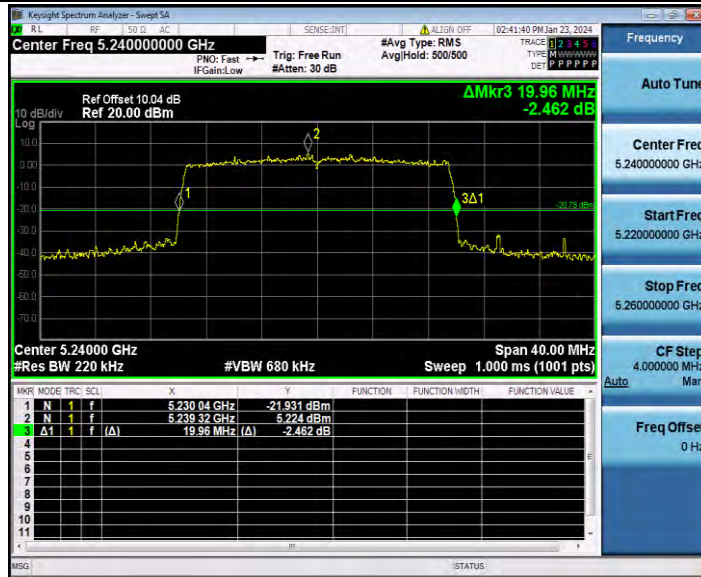
11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



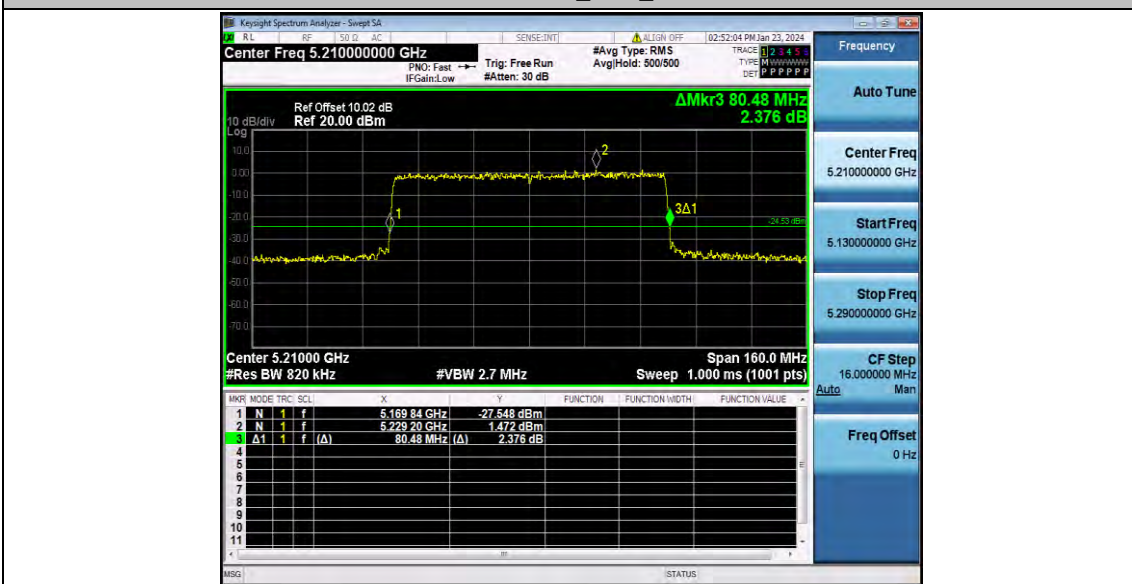
11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

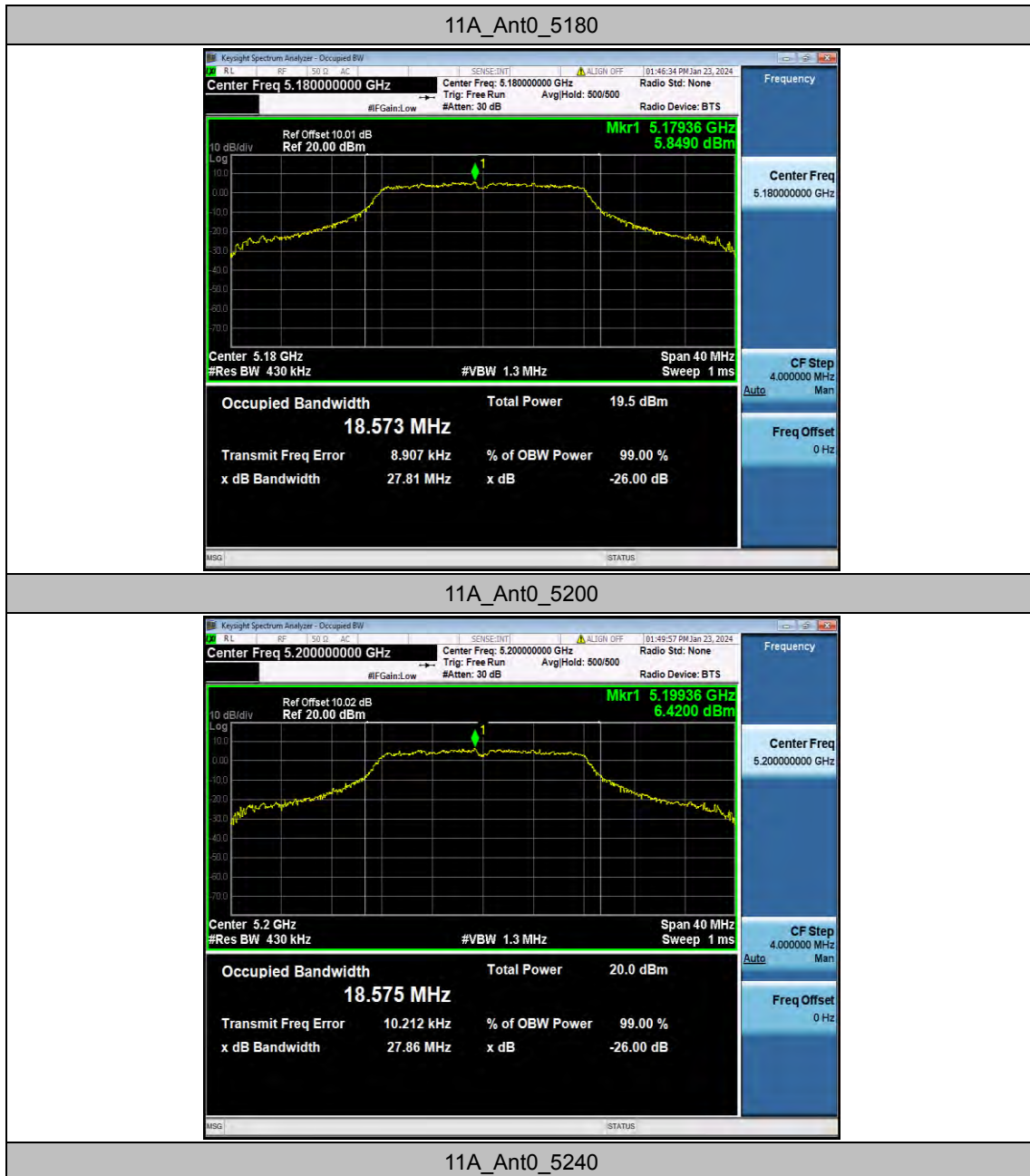


Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	18.573	5170.7224	5189.2954	---	---
		5200	18.575	5190.7227	5209.2977	---	---
		5240	17.018	5231.4723	5248.4903	---	---
11N20SISO	Ant0	5180	18.634	5170.6755	5189.3095	---	---
		5200	18.536	5190.7471	5209.2831	---	---
		5240	16.970	5231.4965	5248.4665	---	---
11N40SISO	Ant0	5190	35.845	5172.1517	5207.9967	---	---
		5230	35.891	5212.1166	5248.0076	---	---
11AC20SISO	Ant0	5180	19.169	5170.4573	5189.6263	---	---
		5200	19.093	5190.4767	5209.5697	---	---
		5240	17.815	5231.1015	5248.9165	---	---
11AC40SISO	Ant0	5190	35.844	5172.1585	5208.0025	---	---
		5230	35.903	5212.1032	5248.0062	---	---
11AC80SISO	Ant0	5210	75.047	5172.6346	5247.6816	---	---
11AX20SISO	Ant0	5180	19.239	5170.4062	5189.6452	---	---
		5200	19.218	5190.4278	5209.6458	---	---
		5240	18.917	5230.5512	5249.4682	---	---
11AX40SISO	Ant0	5190	37.578	5171.2954	5208.8734	---	---
		5230	37.598	5211.2491	5248.8471	---	---
11AX80SISO	Ant0	5210	77.612	5171.2660	5248.8780	---	---

Test Graphs





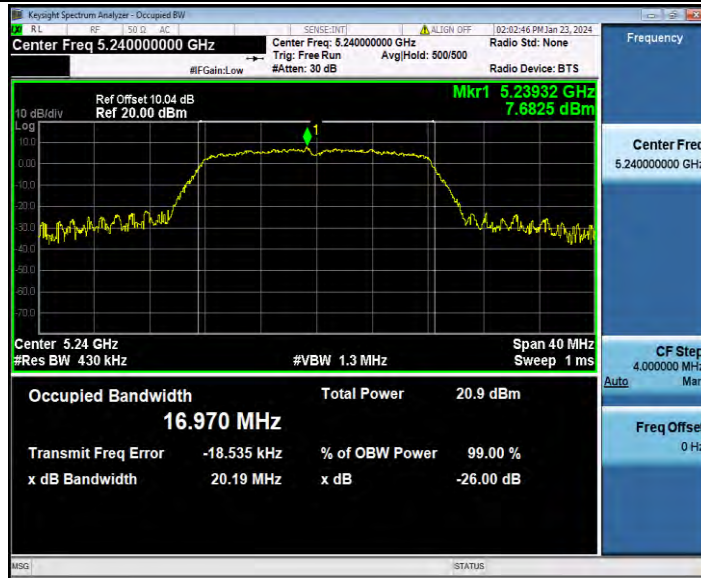
11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



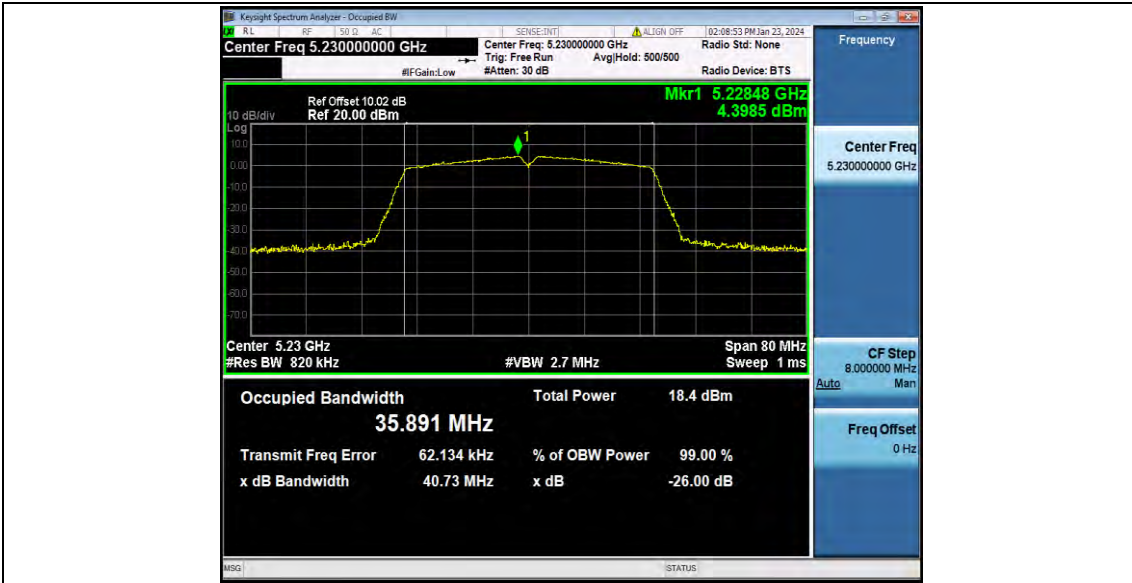
11N20SISO_Ant0_5240



11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



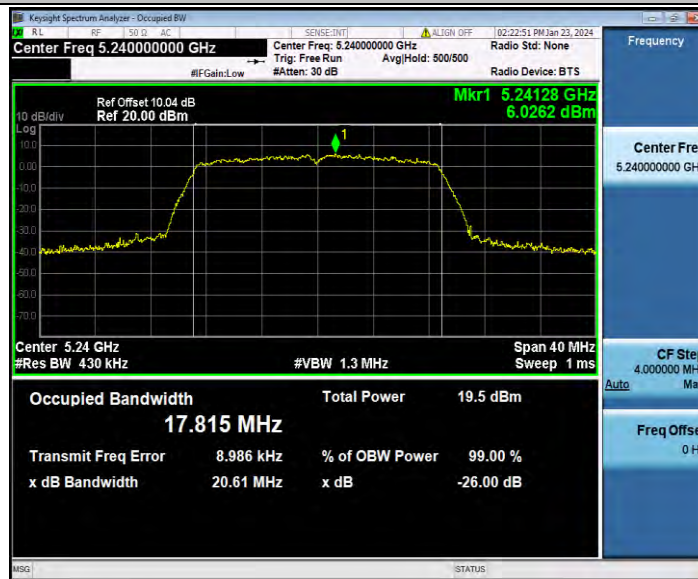
11AC20SISO_Ant0_5180



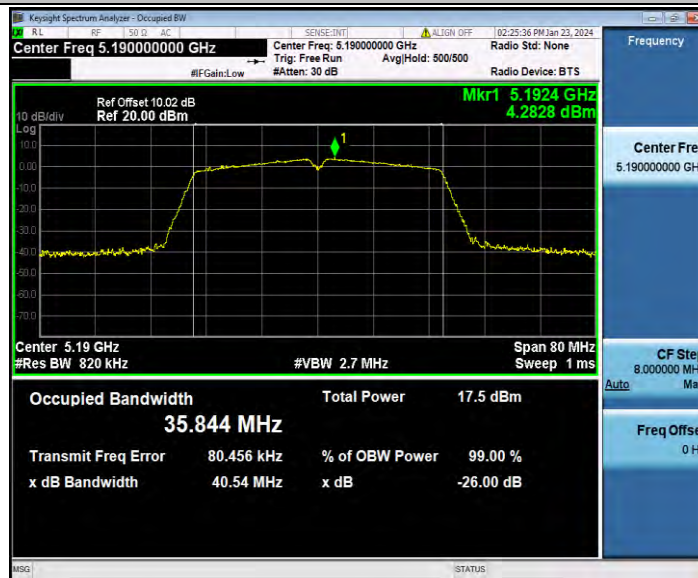
11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



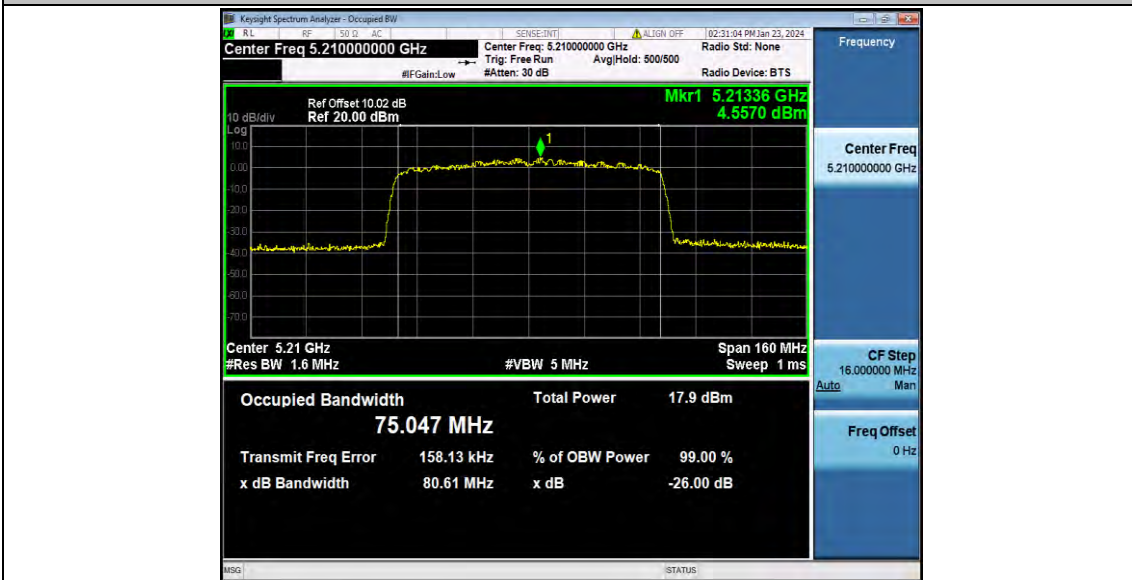
11AC40SISO_Ant0_5190



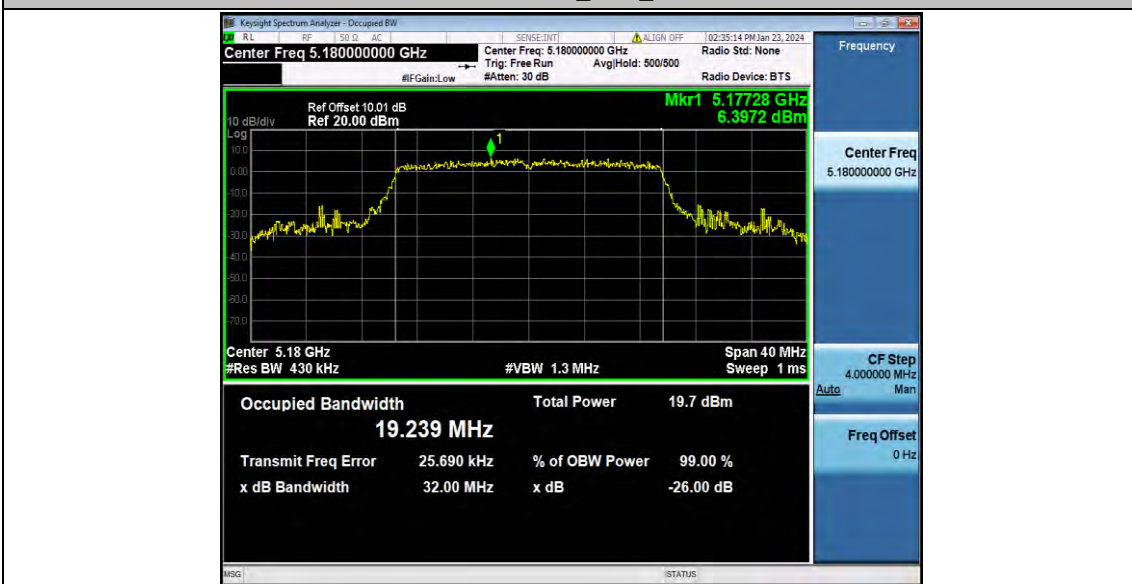
11AC40SISO_Ant0_5230



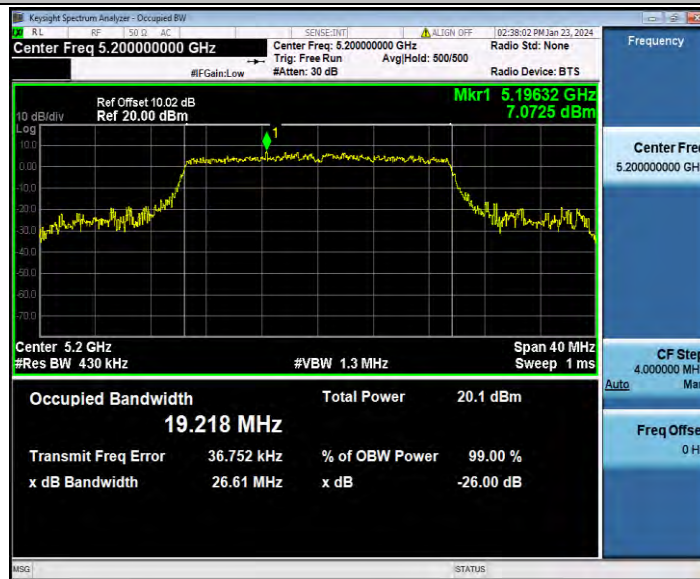
11AC80SISO_Ant0_5210



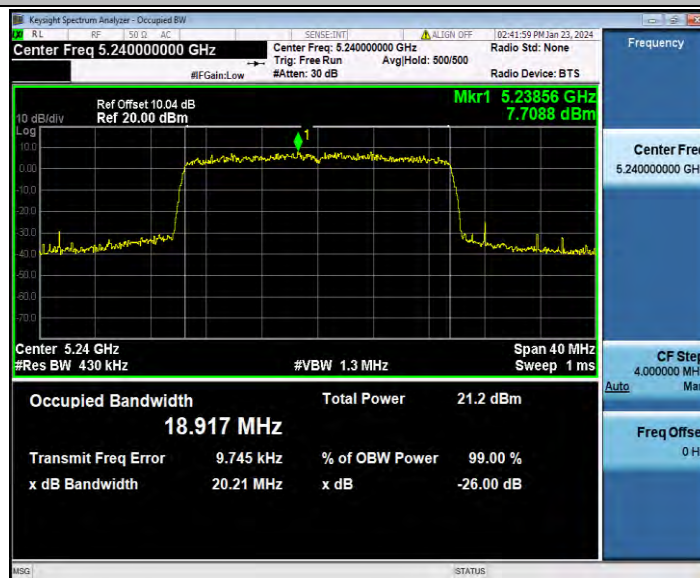
11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



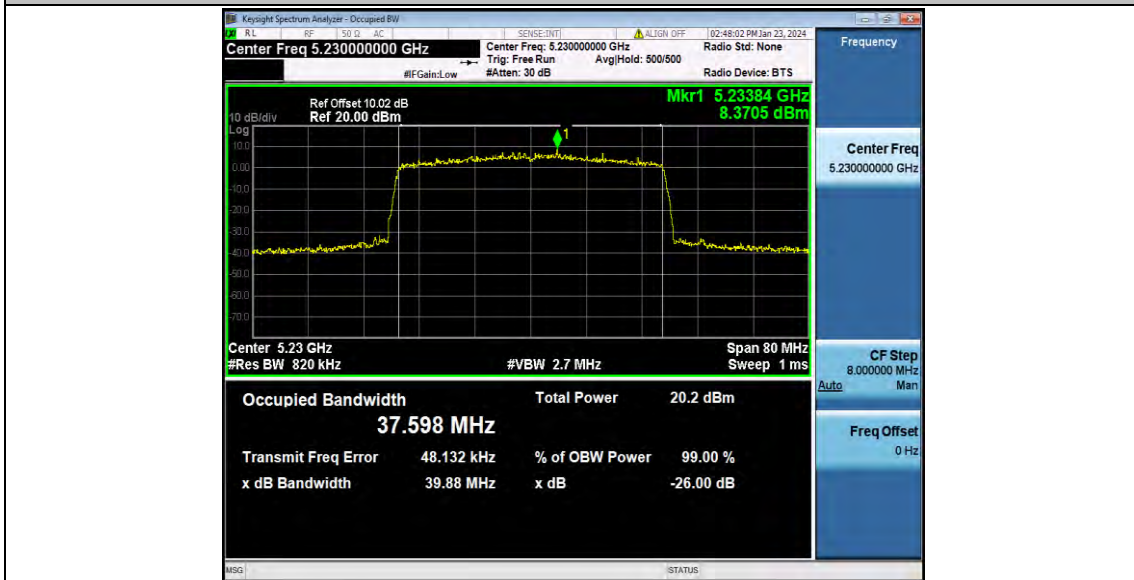
11AX20SISO_Ant0_5240



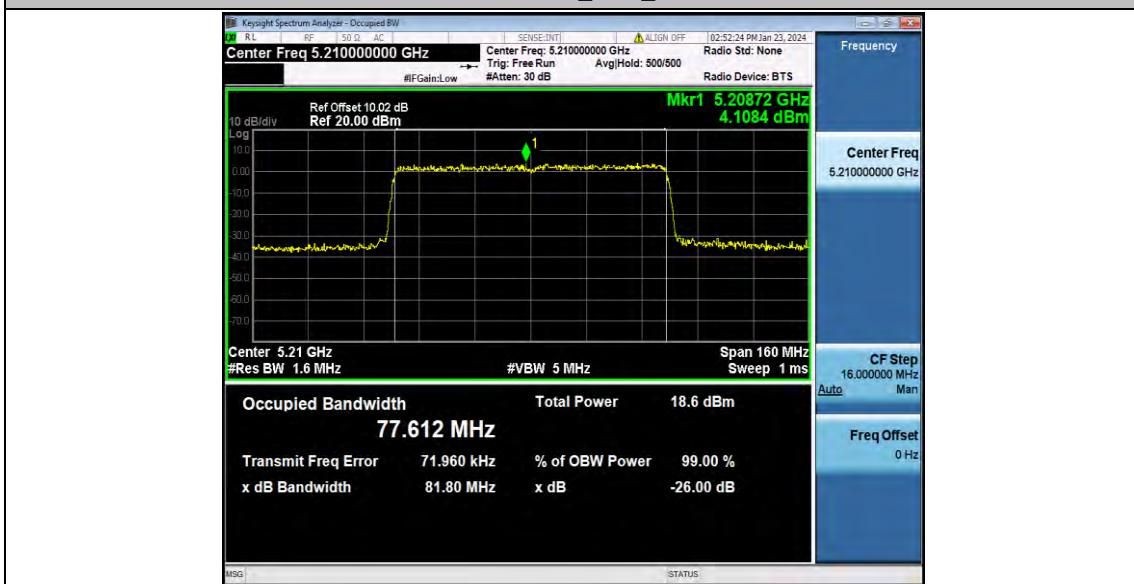
11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

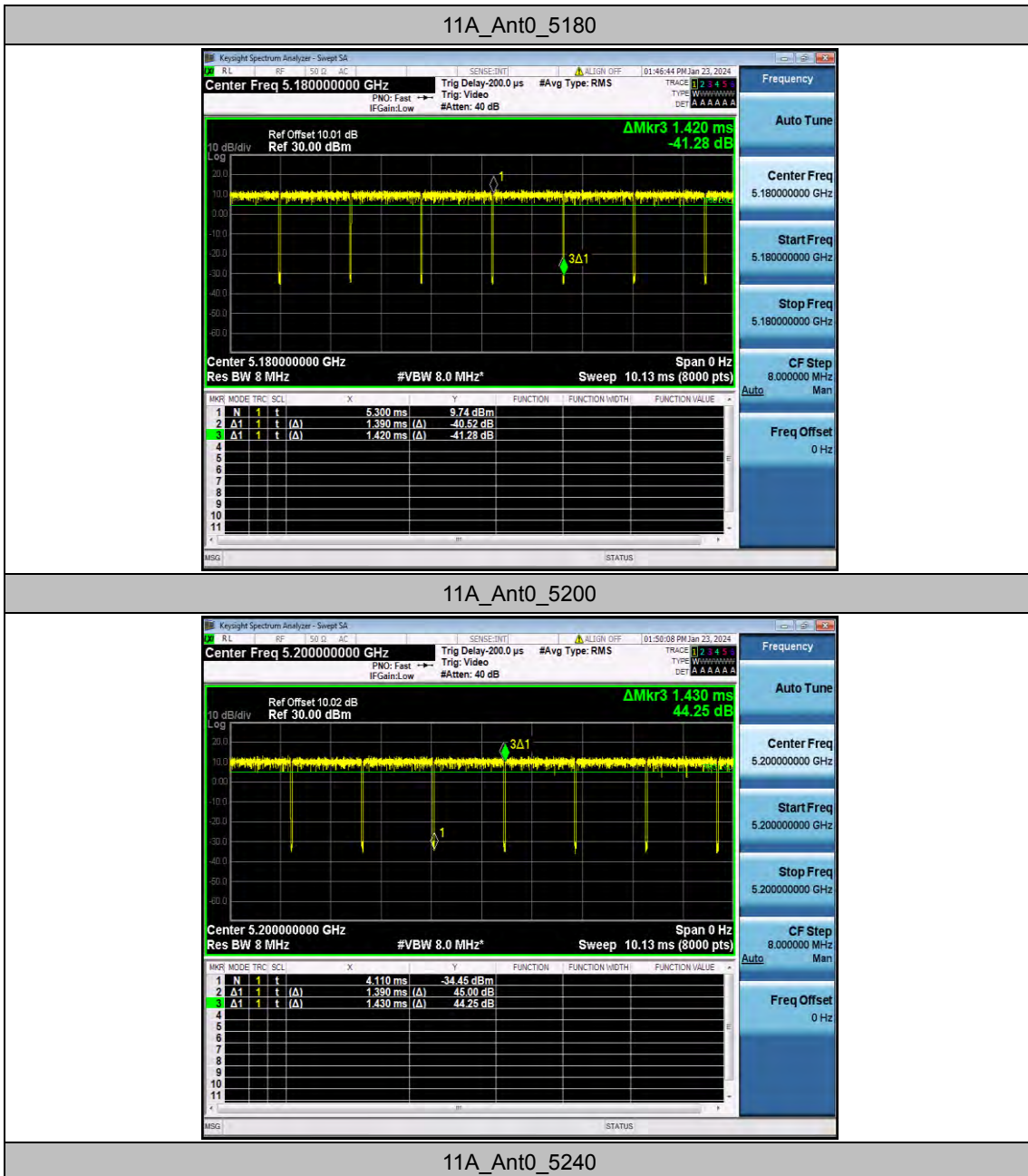


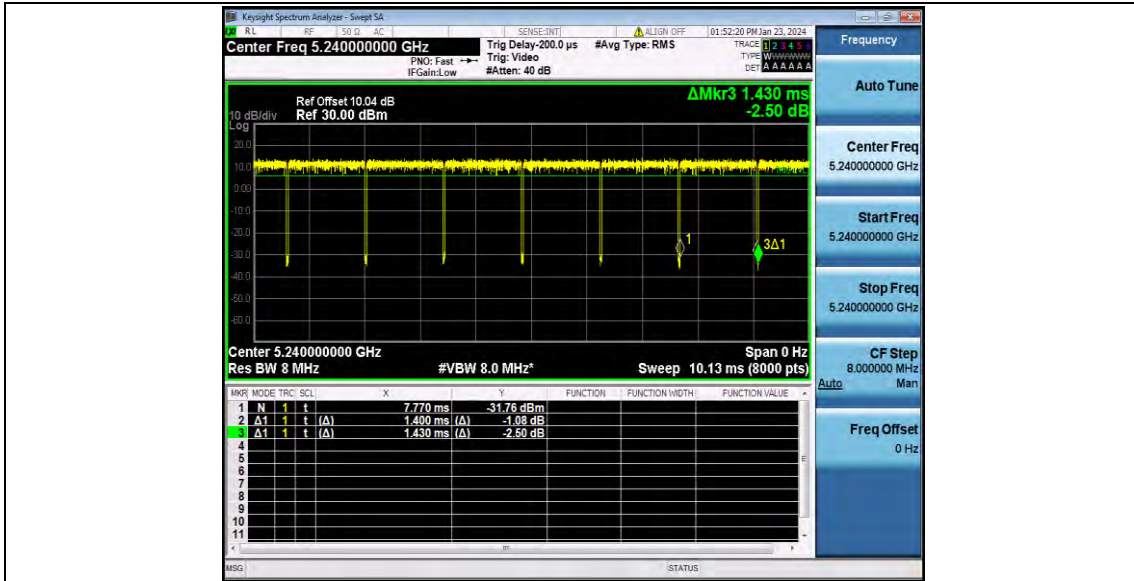
Appendix D.3: Duty Cycle

Test Result

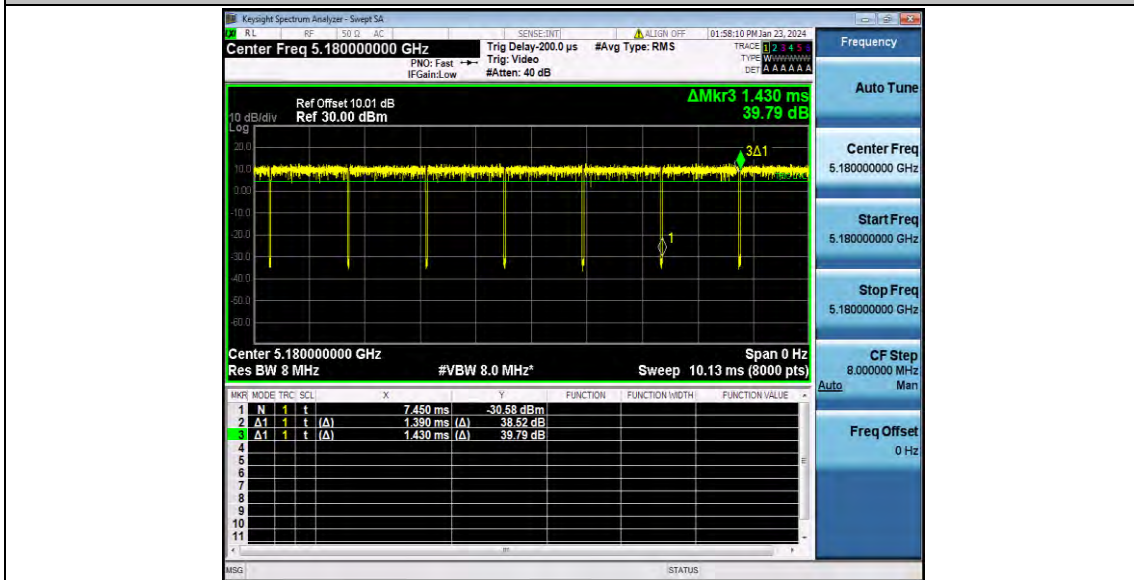
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5180	1.39	1.42	97.89	0.09	0.72
		5200	1.39	1.43	97.20	0.12	0.72
		5240	1.40	1.43	97.90	0.09	0.71
11N20SISO	Ant0	5180	1.39	1.43	97.20	0.12	0.72
		5200	1.39	1.43	97.20	0.12	0.72
		5240	1.39	1.43	97.20	0.12	0.72
11N40SISO	Ant0	5190	0.65	0.69	94.20	0.26	1.54
		5230	0.65	0.68	95.59	0.20	1.54
11AC20SISO	Ant0	5180	1.31	1.34	97.76	0.10	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	Ant0	5190	0.65	0.69	94.20	0.26	1.54
		5230	0.65	0.68	95.59	0.20	1.54
11AC80SISO	Ant0	5210	0.33	0.36	91.67	0.38	3.03
11AX20SISO	Ant0	5180	1.01	1.05	96.19	0.17	0.99
		5200	1.01	1.05	96.19	0.17	0.99
		5240	1.01	1.05	96.19	0.17	0.99
11AX40SISO	Ant0	5190	0.53	0.56	94.64	0.24	1.89
		5230	0.53	0.57	92.98	0.32	1.89
11AX80SISO	Ant0	5210	2.56	5.08	50.39	2.98	0.39

Test Graphs

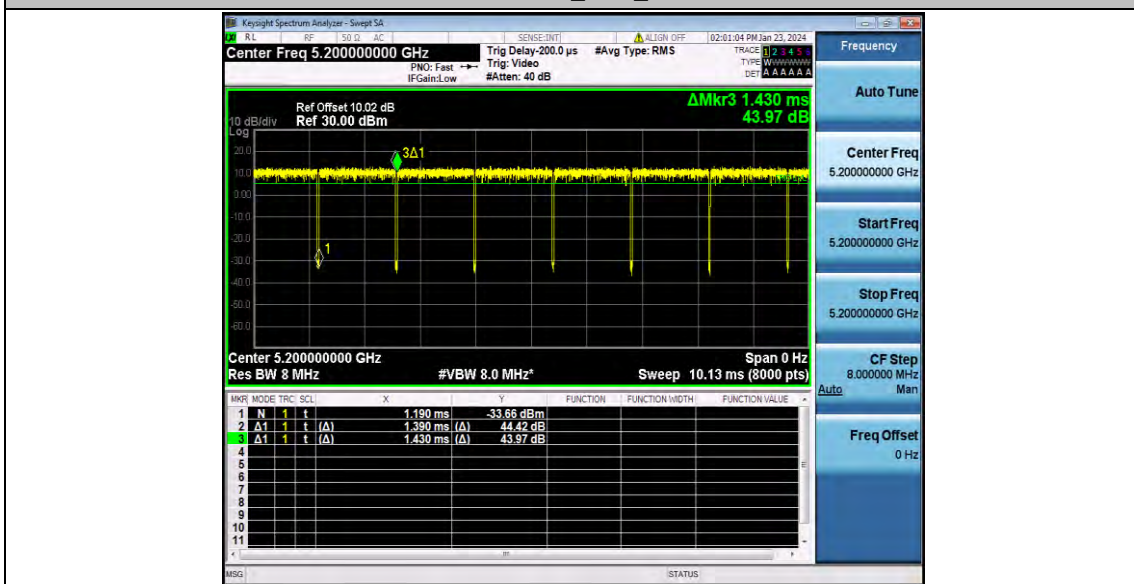




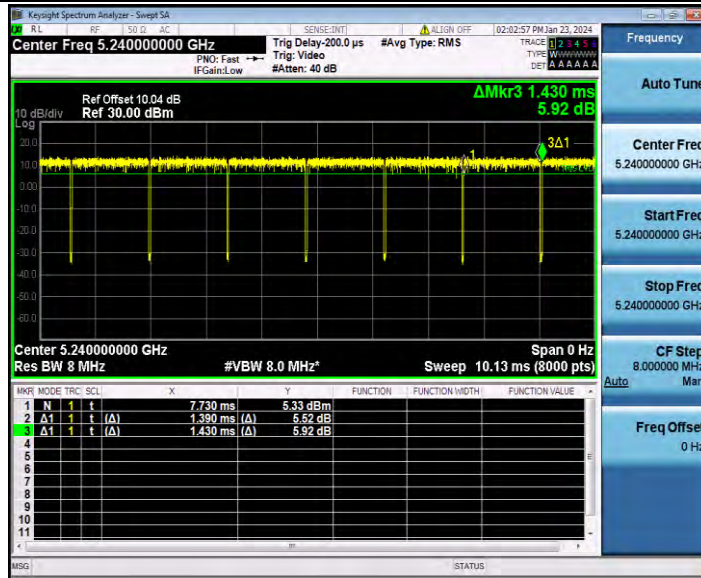
11N20SISO_Ant0_5180



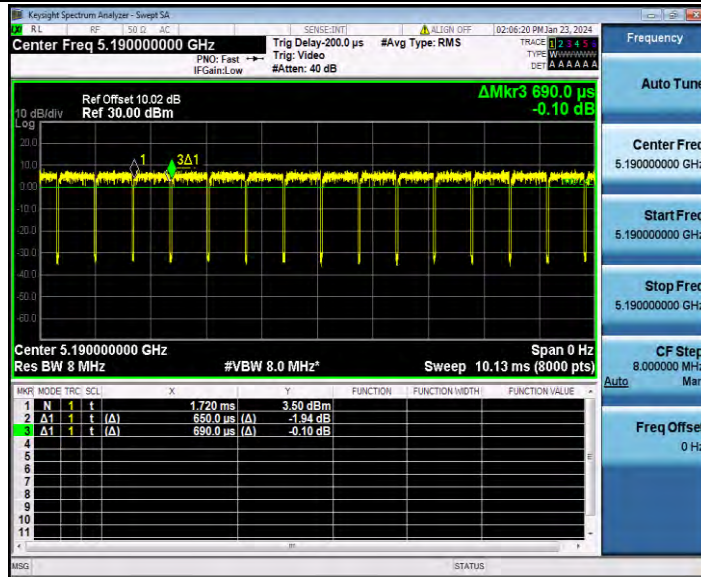
11N20SISO_Ant0_5200



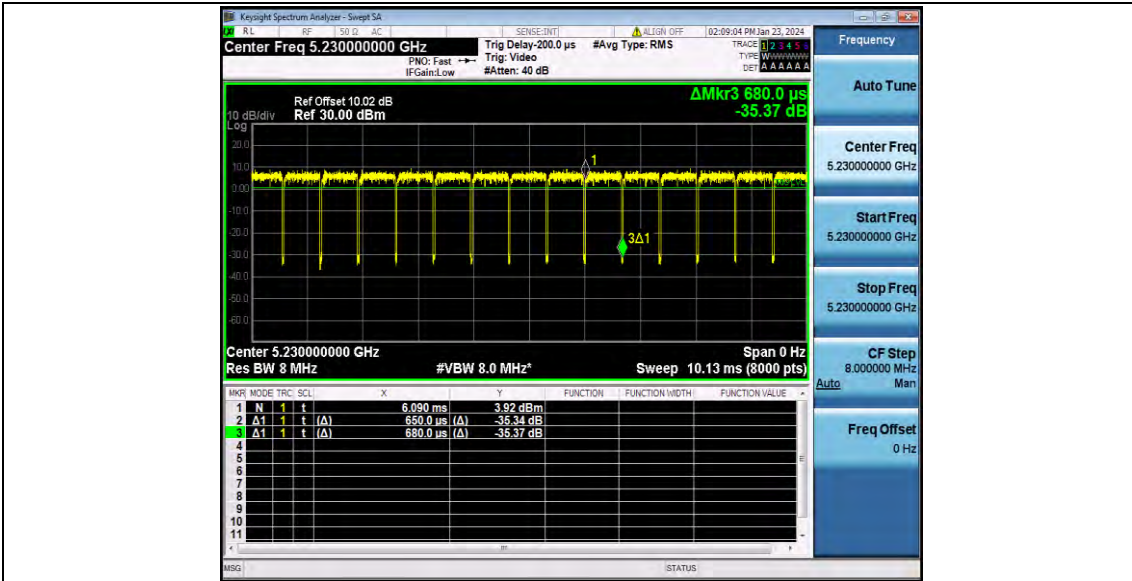
11N20SISO_Ant0_5240



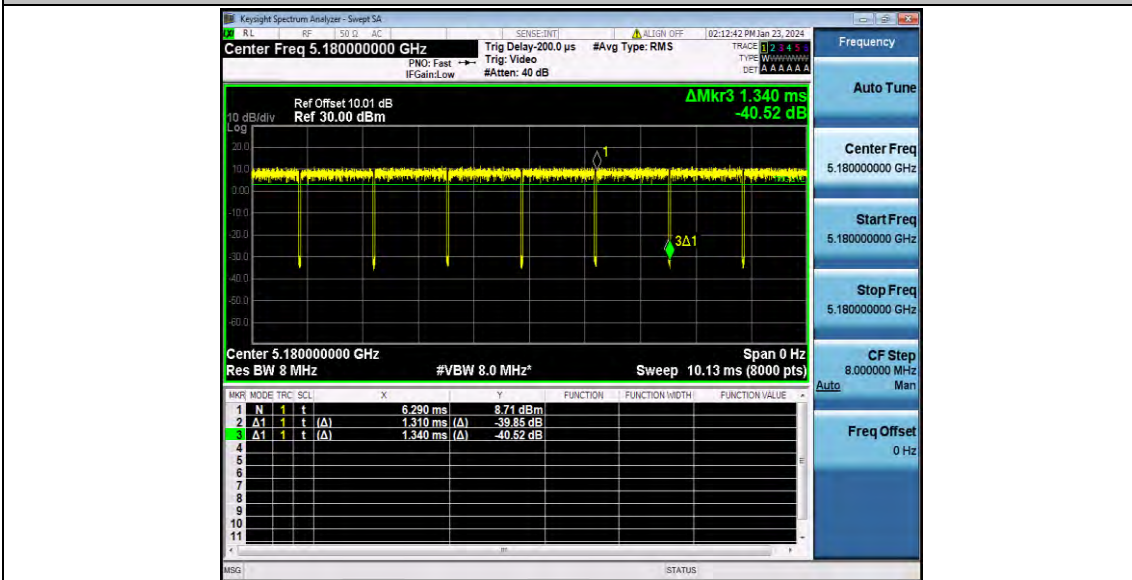
11N40SISO_Ant0_5190



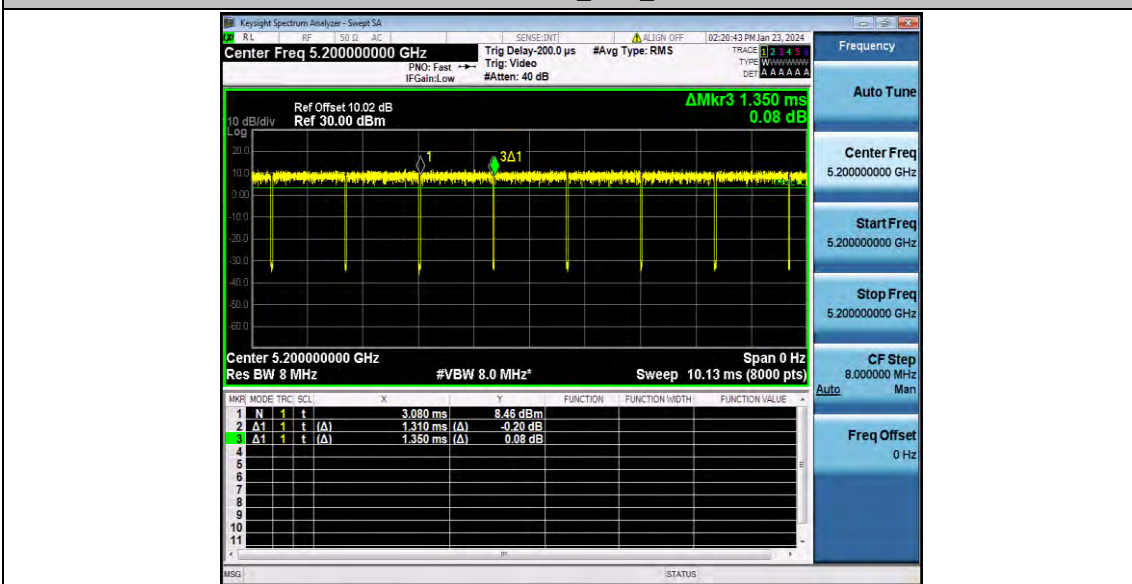
11N40SISO_Ant0_5230



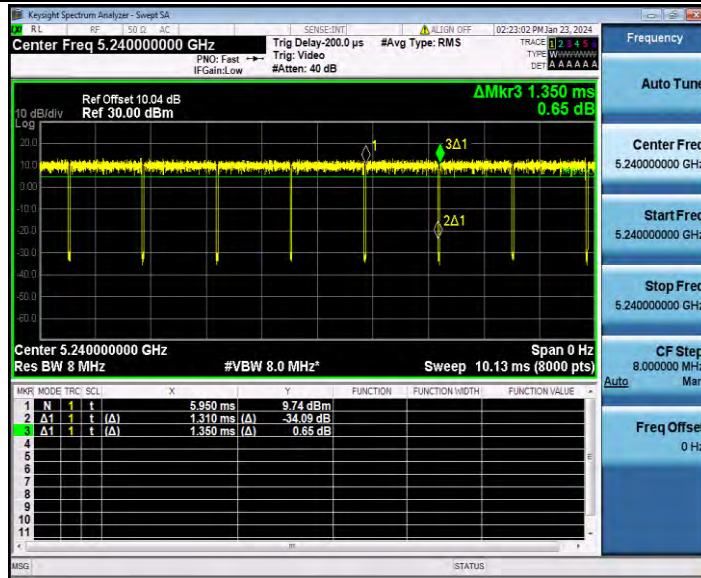
11AC20SISO_Ant0_5180



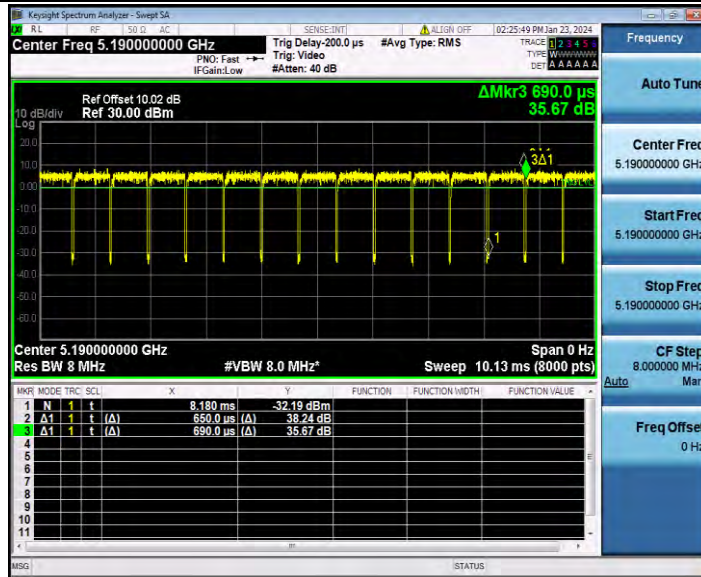
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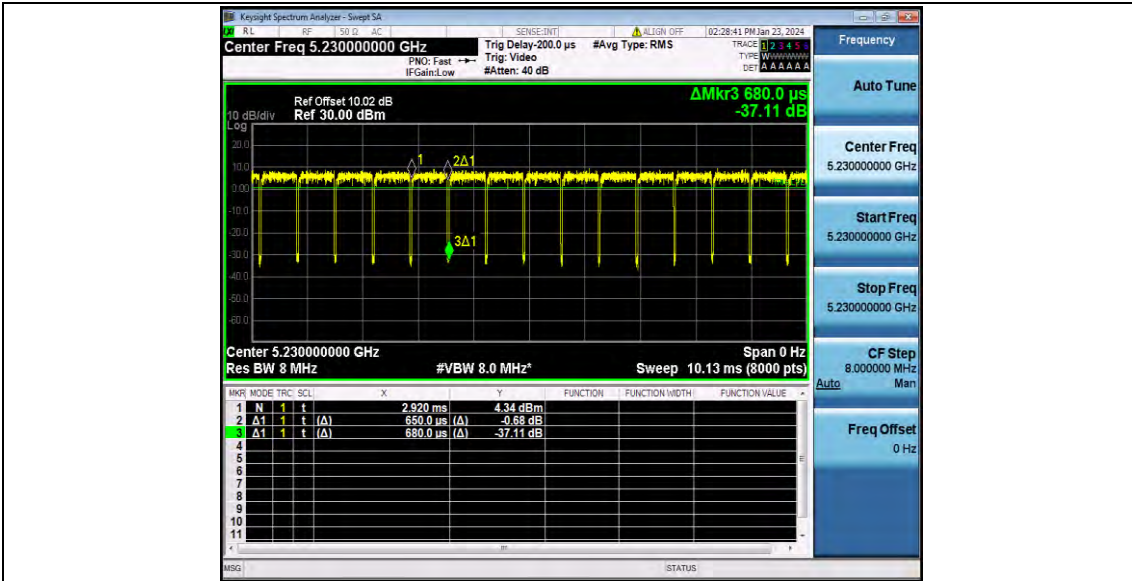
11AC20SISO_Ant0_5240



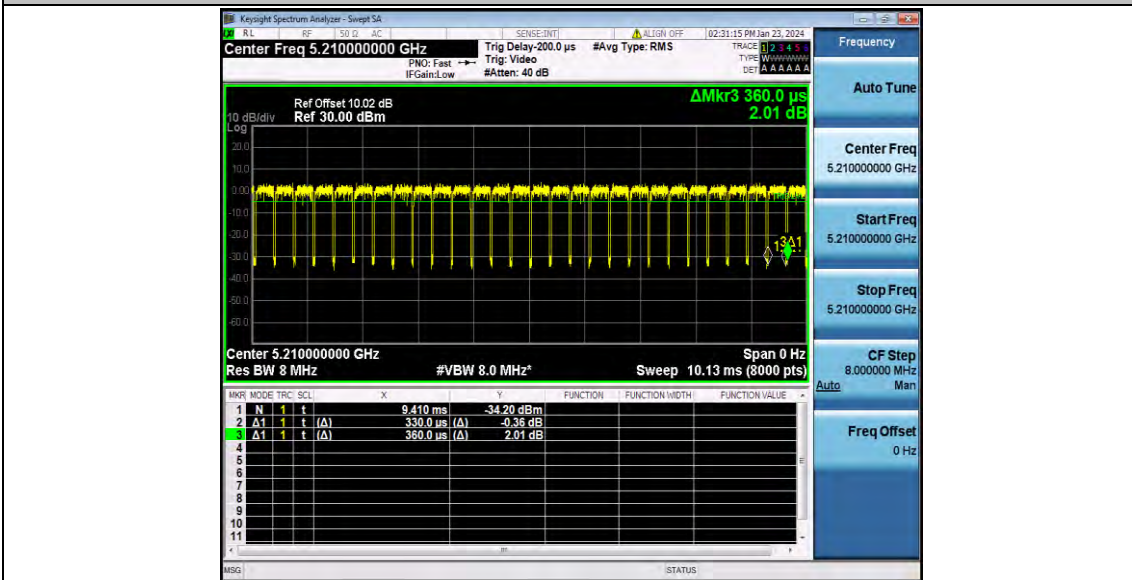
11AC40SISO_Ant0_5190



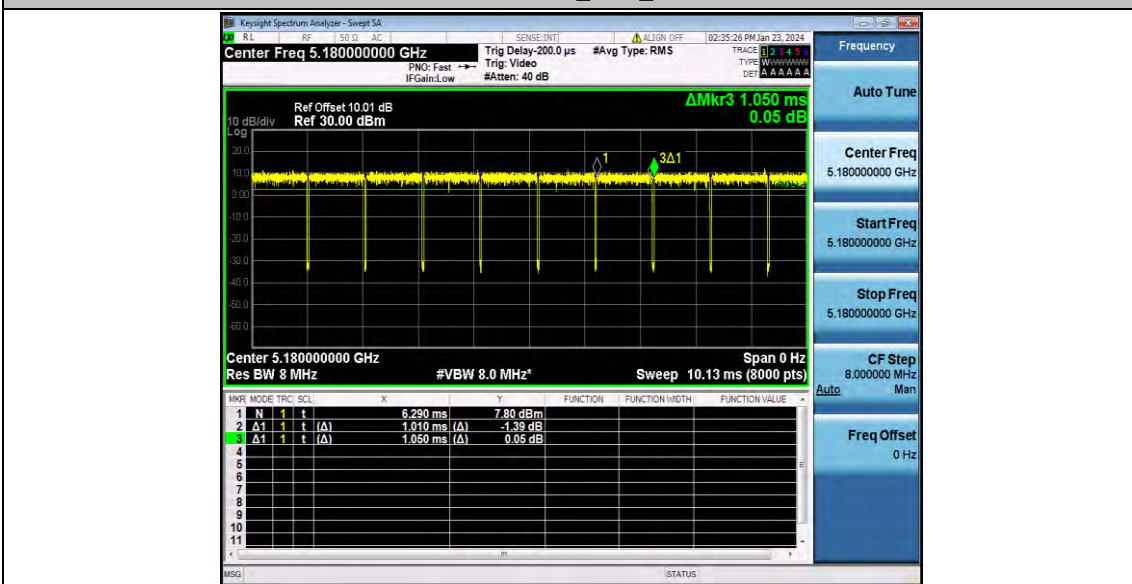
11AC40SISO_Ant0_5230



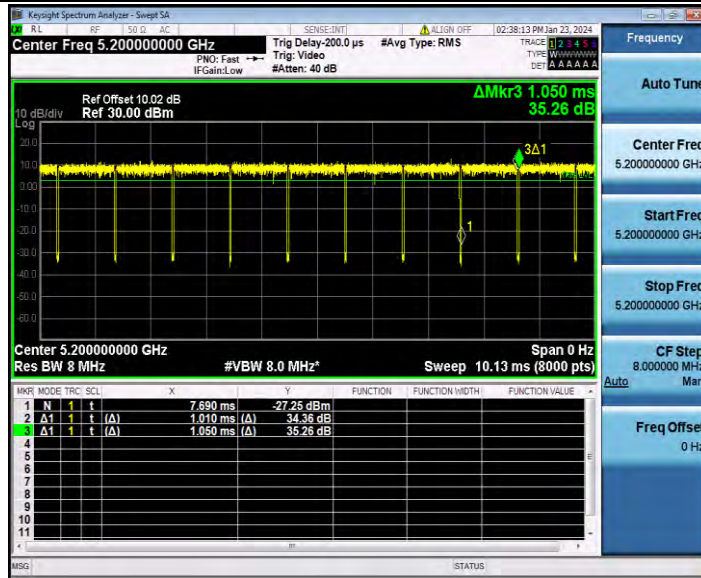
11AC80SISO_Ant0_5210



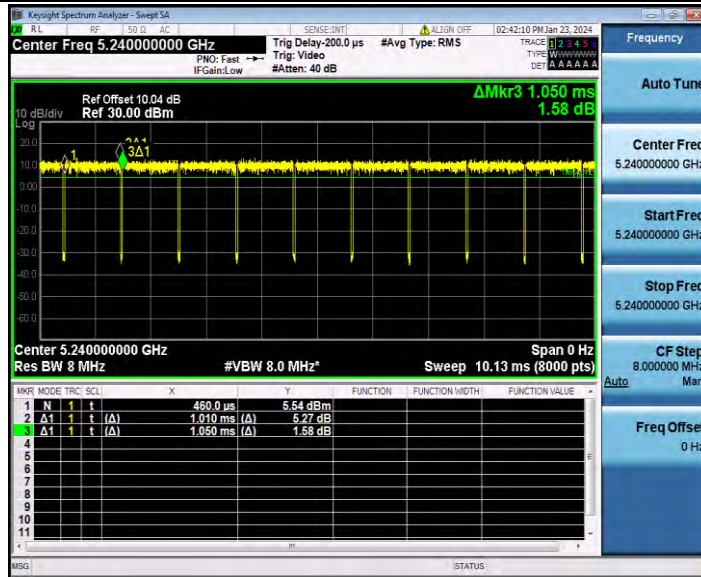
11AX20SISO_Ant0_5180



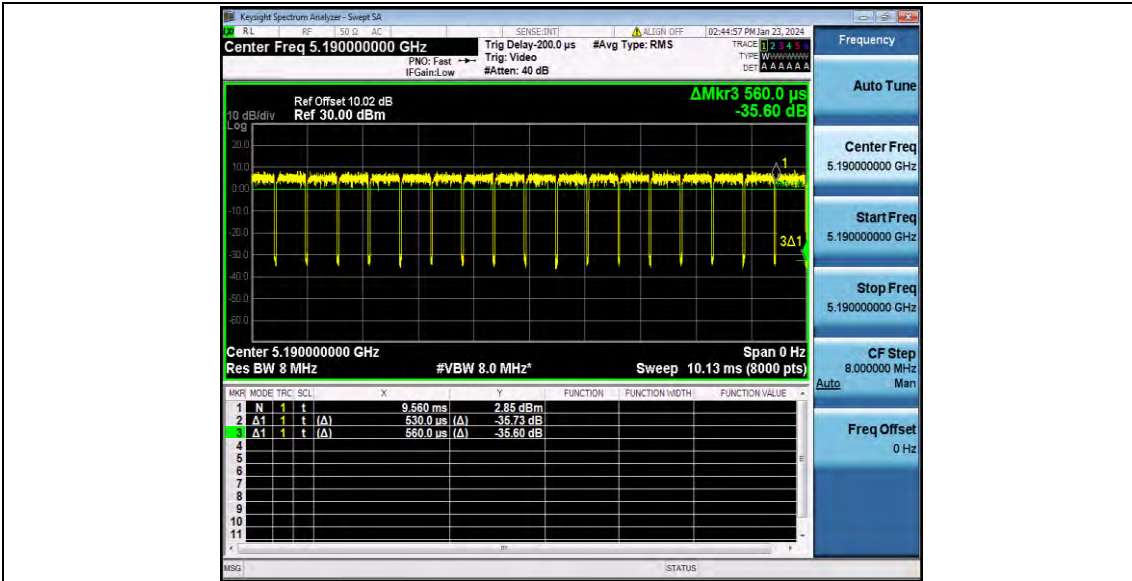
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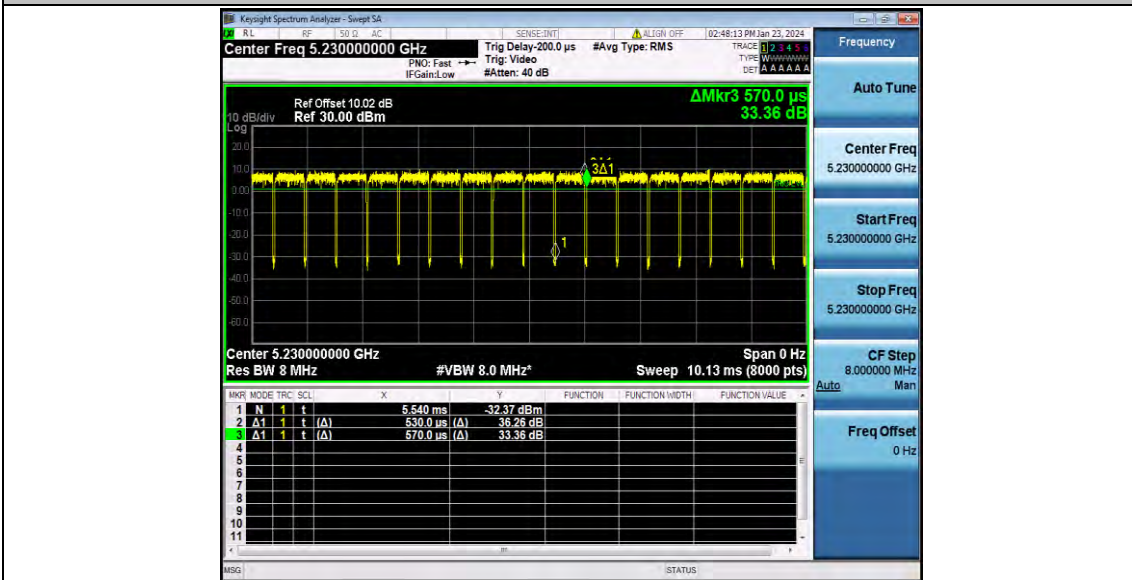
11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

