

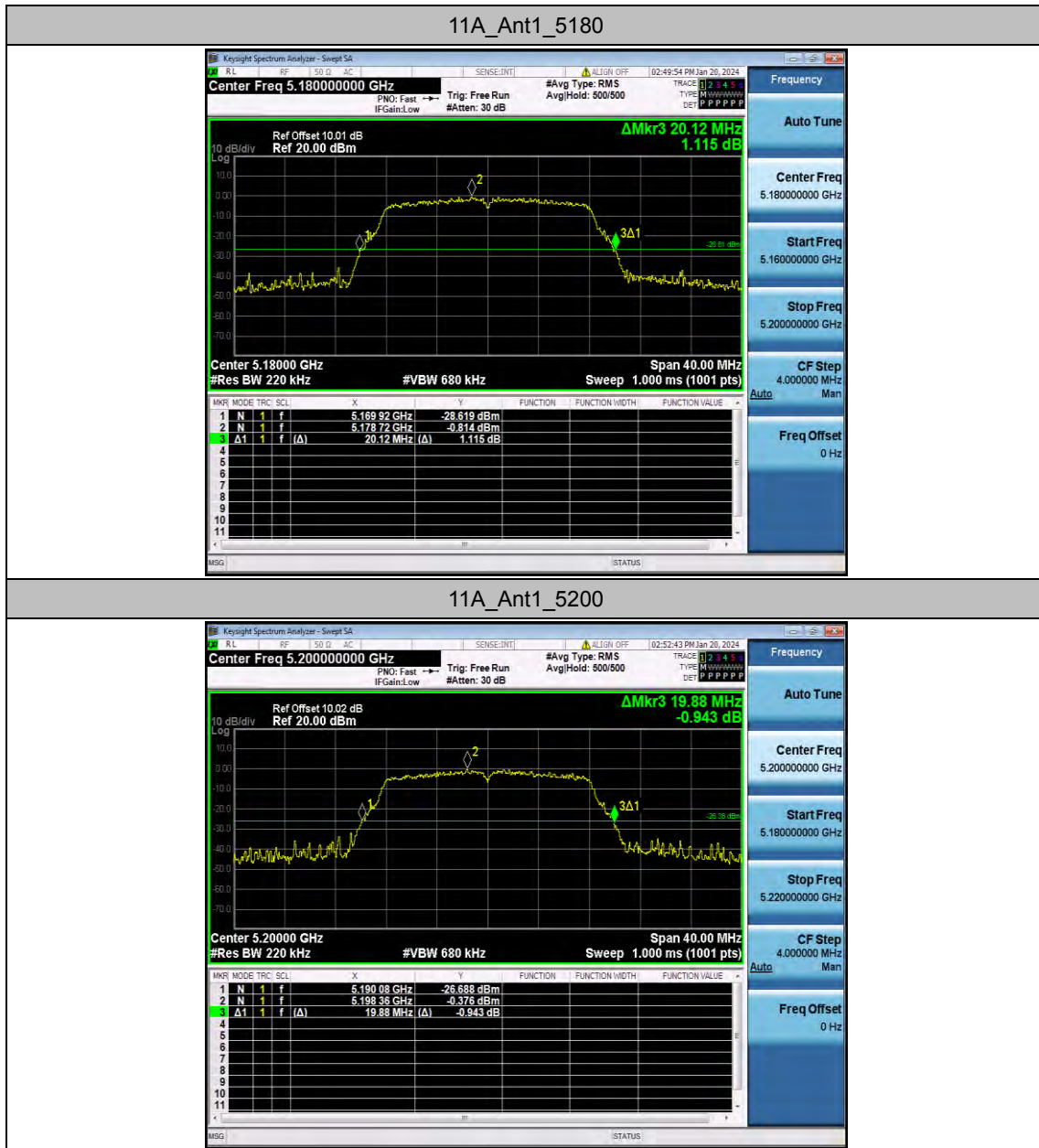
Case No. : <u>GTS20231018011-1-67</u>
Ambient Condition: <u>22</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2024.1.19</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

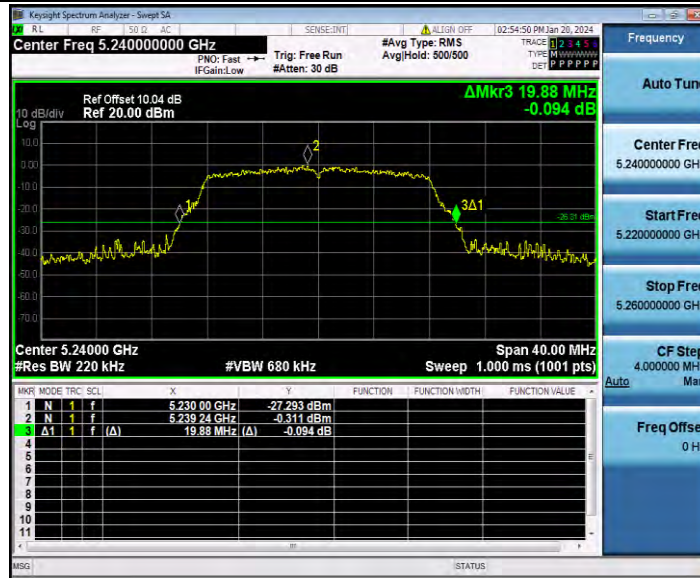
Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.120	5169.920	5190.040	---	---
		5200	19.880	5190.080	5209.960	---	---
		5240	19.880	5230.000	5249.880	---	---
11N20SISO	Ant1	5180	20.200	5169.960	5190.160	---	---
		5200	20.360	5189.840	5210.200	---	---
		5240	20.360	5229.760	5250.120	---	---
11N40SISO	Ant1	5190	40.480	5169.920	5210.400	---	---
		5230	40.320	5209.920	5250.240	---	---
11AC20SISO	Ant1	5180	20.360	5169.920	5190.280	---	---
		5200	20.280	5189.960	5210.240	---	---
		5240	20.320	5229.800	5250.120	---	---
11AC40SISO	Ant1	5190	40.640	5169.840	5210.480	---	---
		5230	40.400	5209.680	5250.080	---	---
11AC80SISO	Ant1	5210	80.320	5170.000	5250.320	---	---

Test Graphs



11A_Ant1_5240



11N20SISO_Ant1_5180



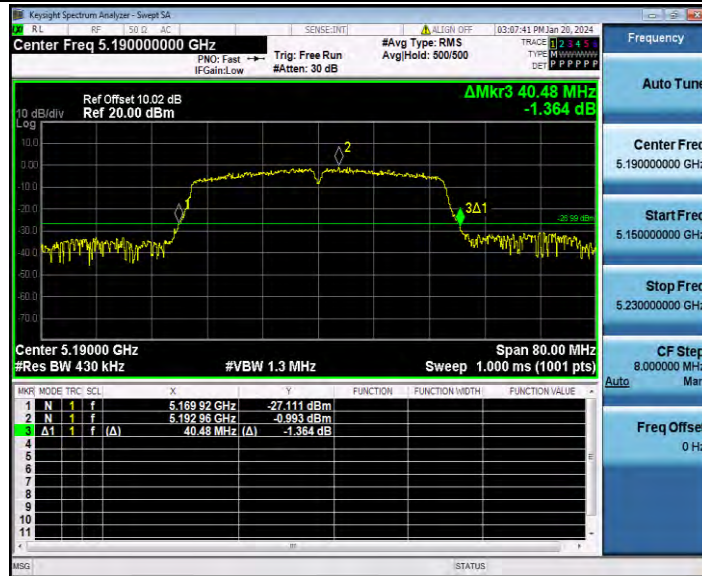
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



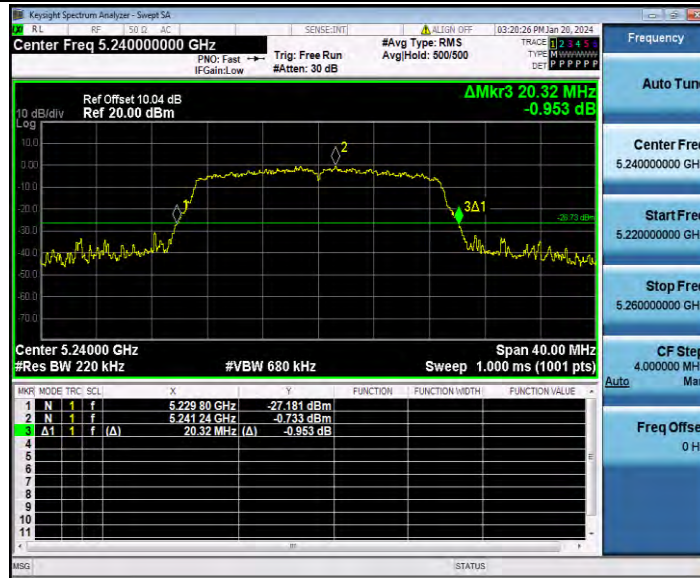
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

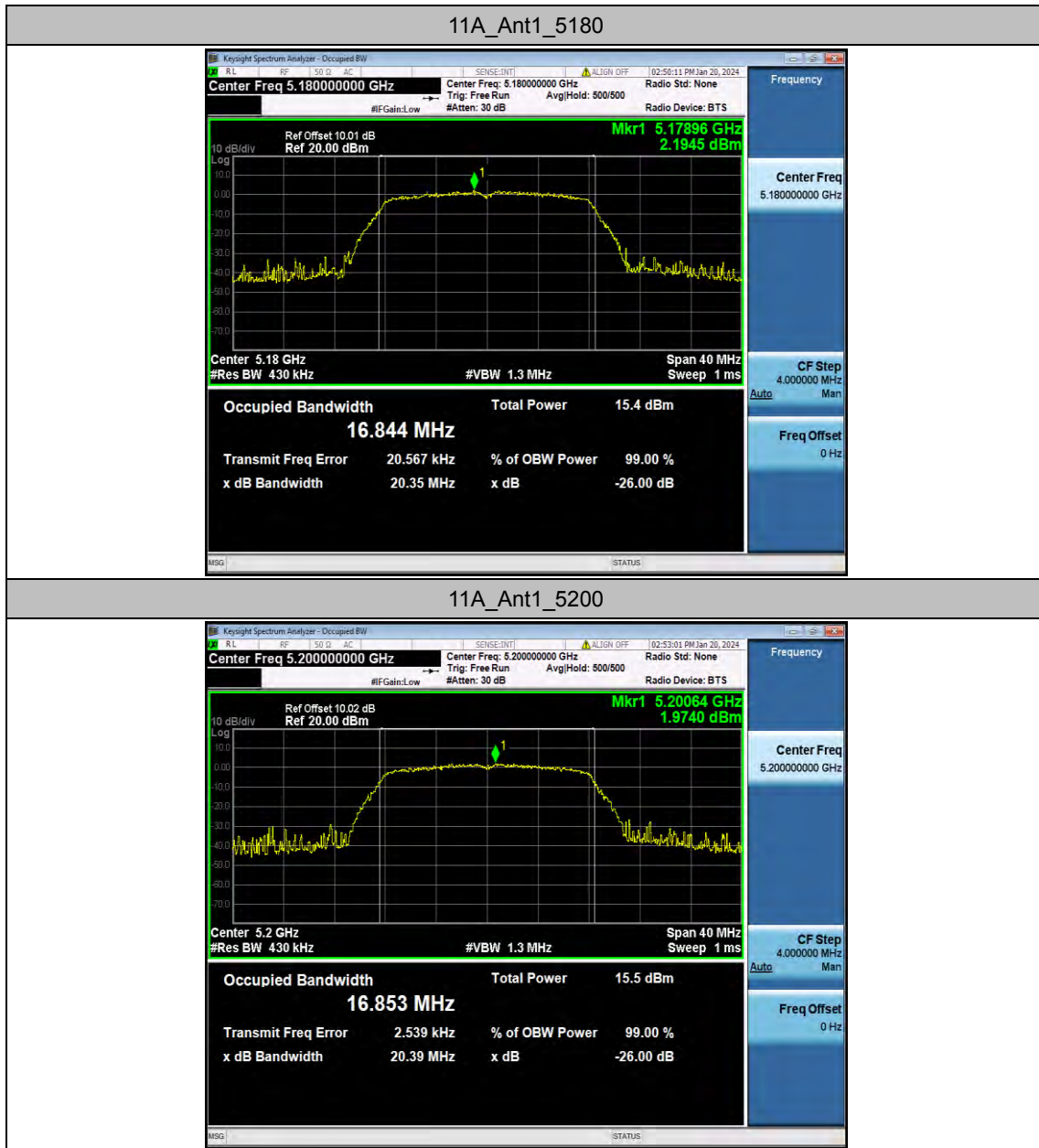


Appendix D.2: Occupied channel bandwidth

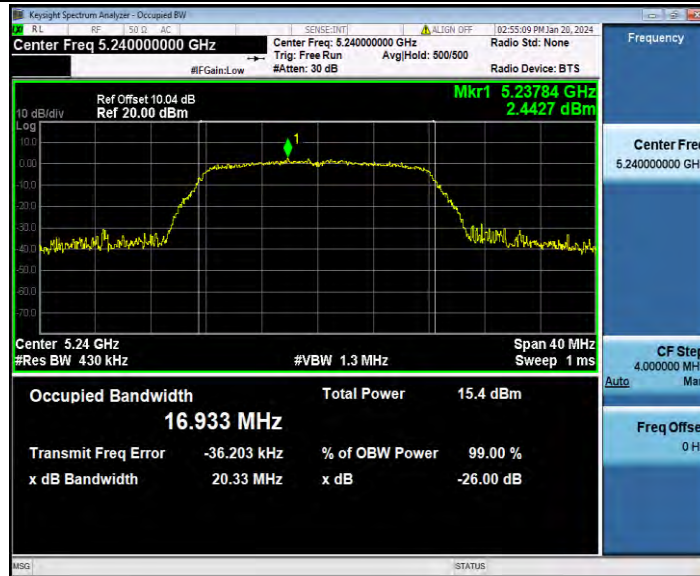
Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.844	5171.5986	5188.4426	---	---
		5200	16.853	5191.5760	5208.4290	---	---
		5240	16.933	5231.4973	5248.4303	---	---
11N20SISO	Ant1	5180	17.913	5171.0819	5188.9949	---	---
		5200	17.871	5191.0628	5208.9338	---	---
		5240	17.894	5231.0242	5248.9182	---	---
11N40SISO	Ant1	5190	36.329	5171.9373	5208.2663	---	---
		5230	36.347	5211.8194	5248.1664	---	---
11AC20SISO	Ant1	5180	17.854	5171.1019	5188.9559	---	---
		5200	17.858	5191.0882	5208.9462	---	---
		5240	17.837	5231.0448	5248.8818	---	---
11AC40SISO	Ant1	5190	36.162	5172.0108	5208.1728	---	---
		5230	36.150	5211.9642	5248.1142	---	---
11AC80SISO	Ant1	5210	75.047	5172.6346	5247.6816	---	---

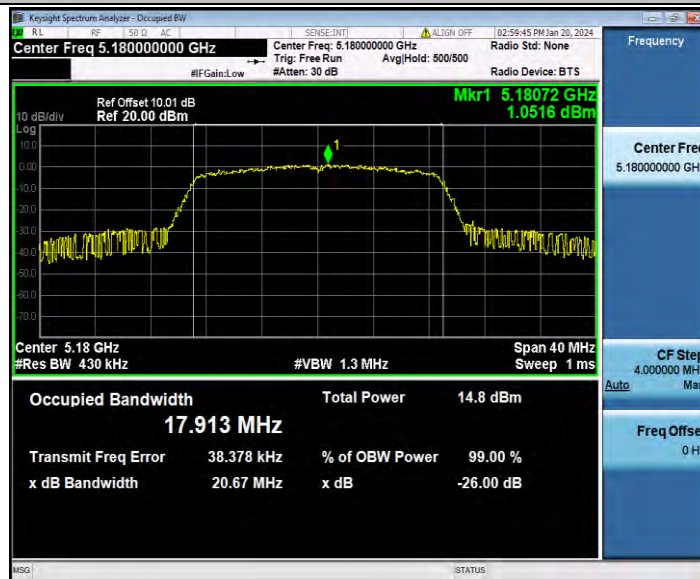
Test Graphs



11A_Ant1_5240



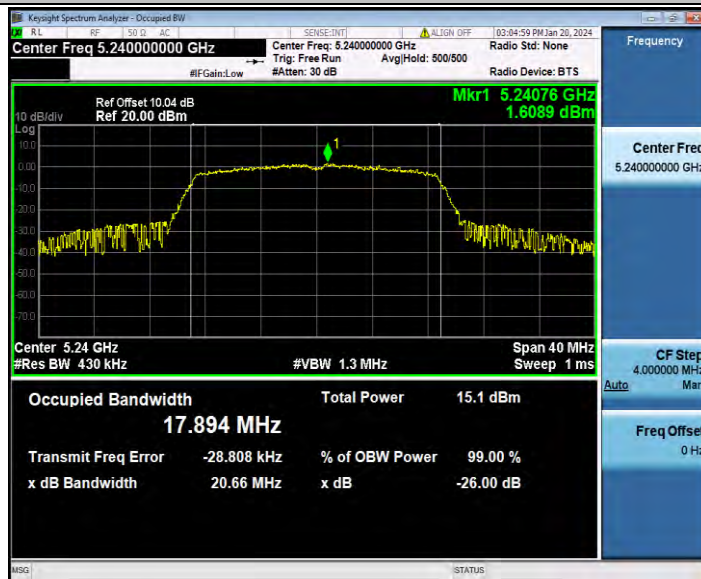
11N20SISO_Ant1_5180



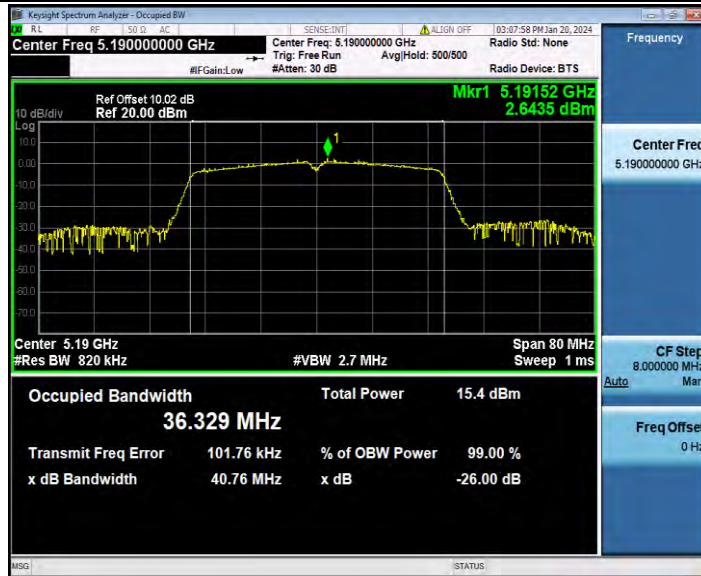
11N20SISO_Ant1_5200



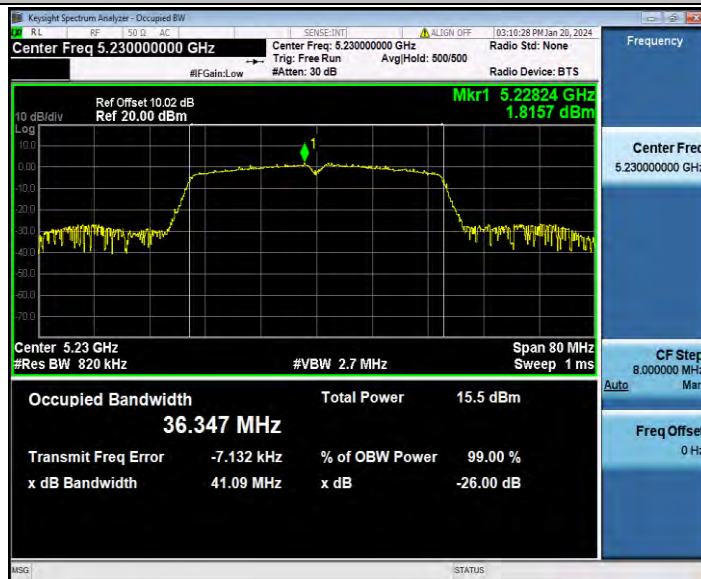
11N20SISO_Ant1_5240



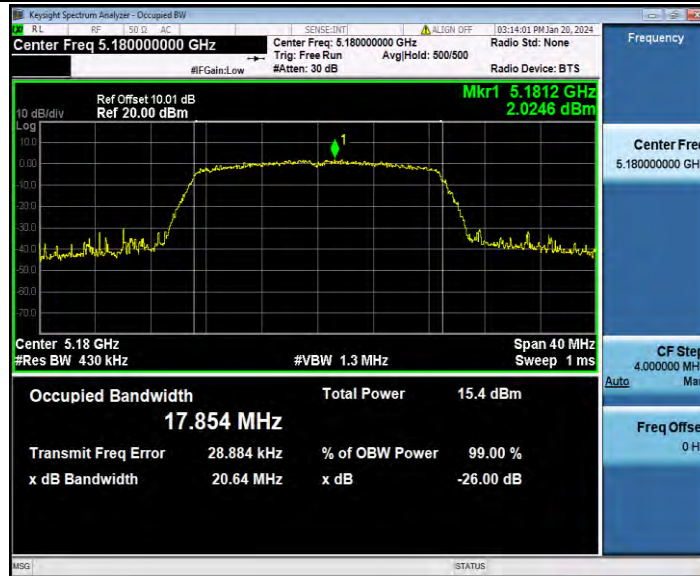
11N40SISO_Ant1_5190



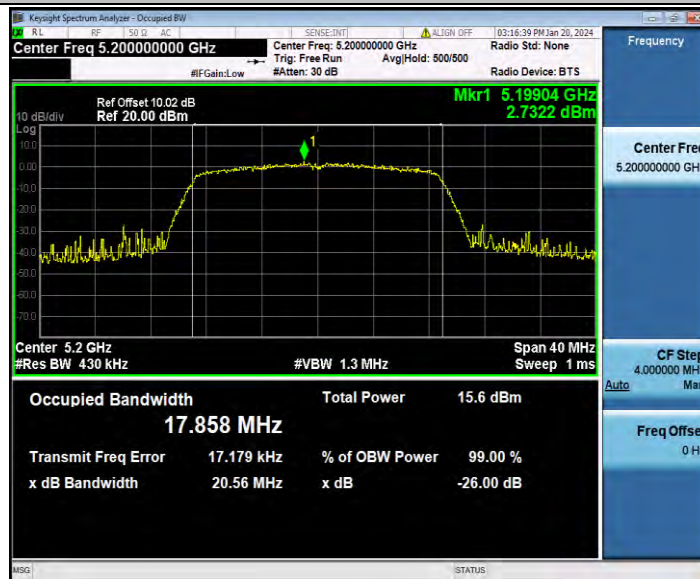
11N40SISO_Ant1_5230



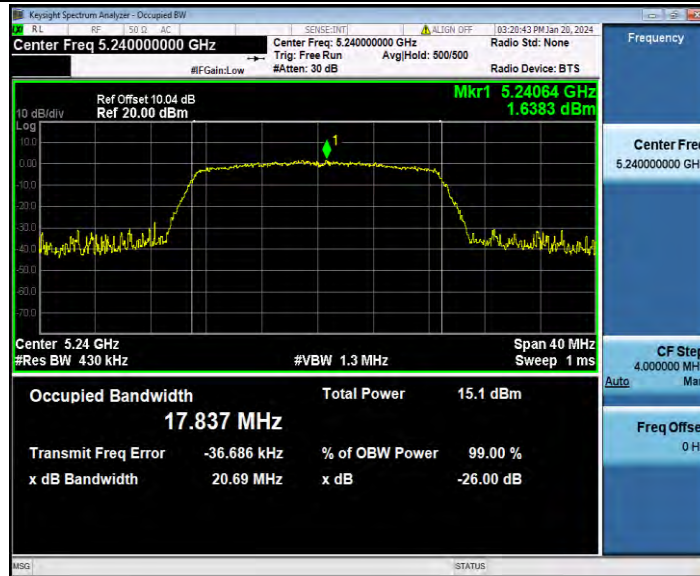
11AC20SISO_Ant1_5180



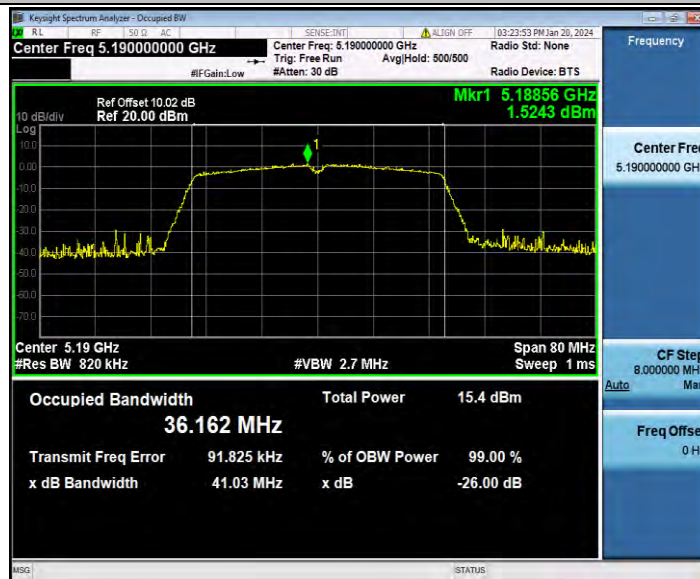
11AC20SISO_Ant1_5200



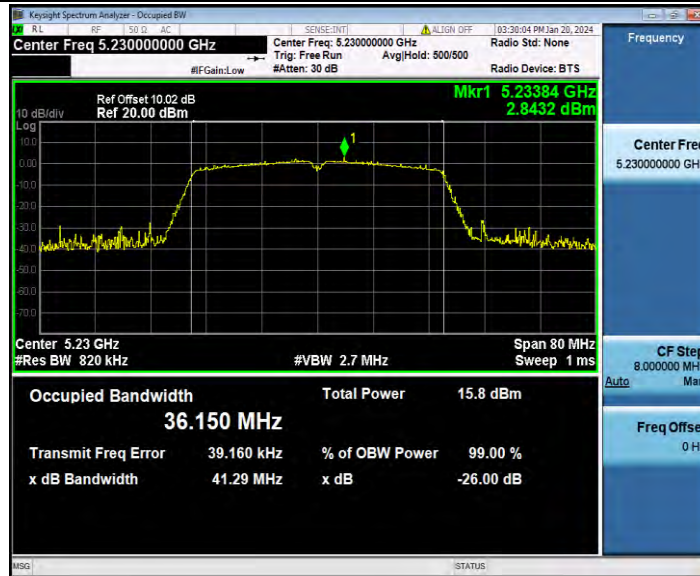
11AC20SISO_Ant1_5240



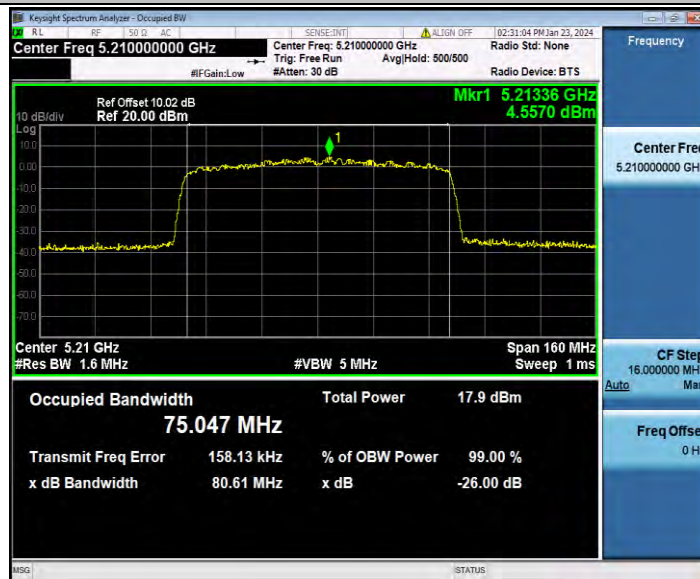
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

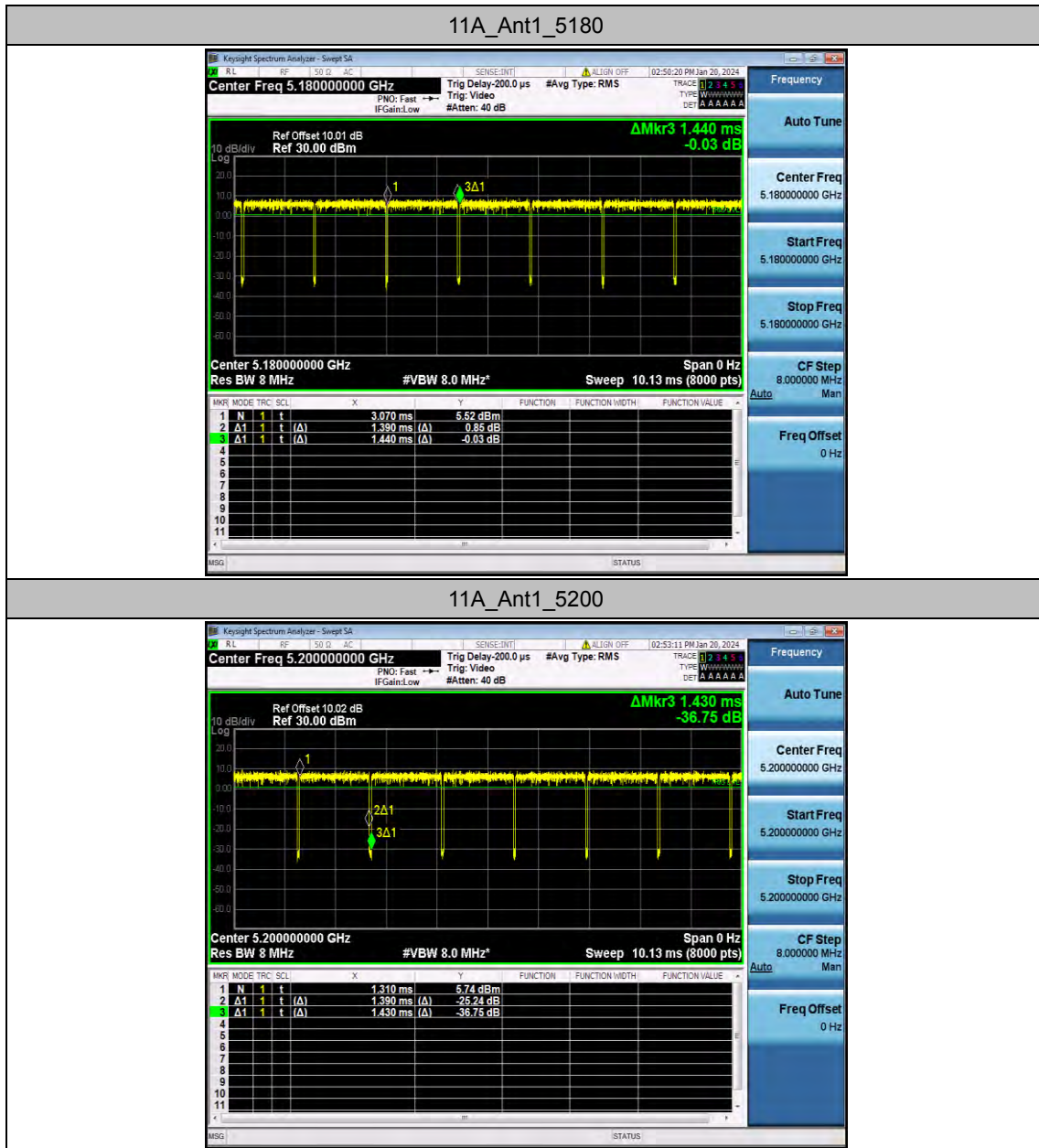


Appendix D.3: Duty Cycle

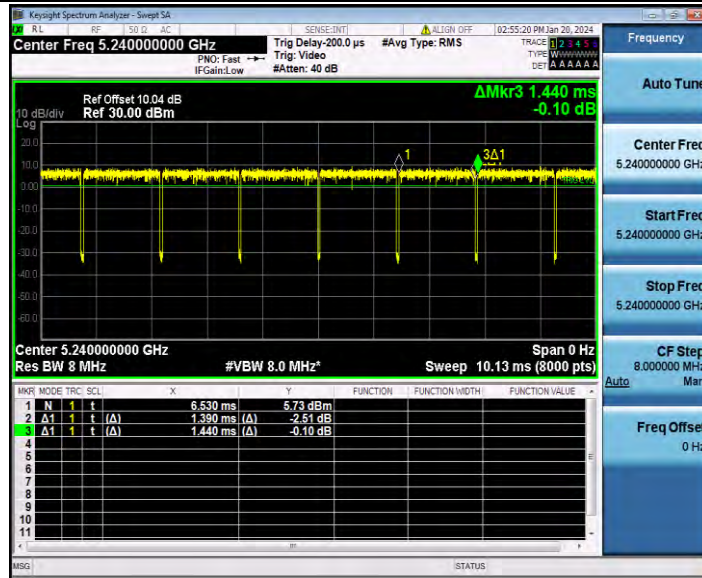
Test Result

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	1.44	96.53	0.15	0.72
		5200	1.39	1.43	97.20	0.12	0.72
		5240	1.39	1.44	96.53	0.15	0.72
11N20SISO	Ant1	5180	1.29	1.34	96.27	0.17	0.78
		5200	1.30	1.34	97.01	0.13	0.77
		5240	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5190	0.64	0.69	92.75	0.33	1.56
		5230	0.64	0.69	92.75	0.33	1.56
11AC20SISO	Ant1	5180	1.32	1.36	97.06	0.13	0.76
		5200	1.31	1.36	96.32	0.16	0.76
		5240	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5190	0.65	0.70	92.86	0.32	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

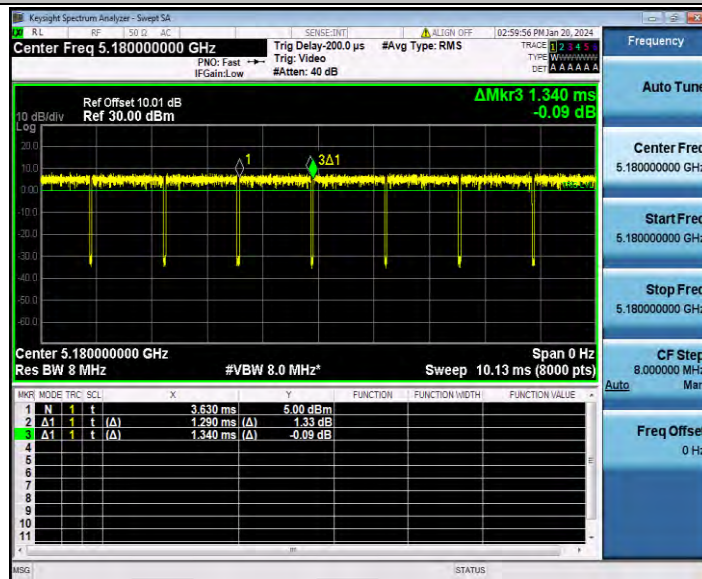
Test Graphs



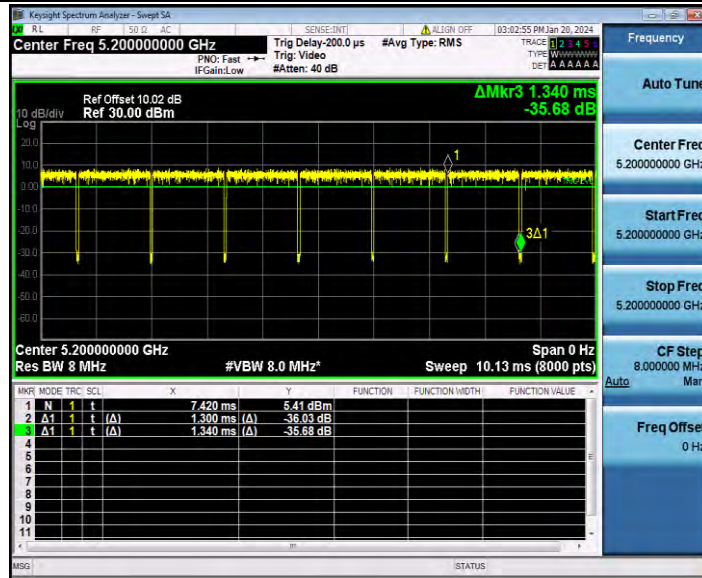
11A_Ant1_5240



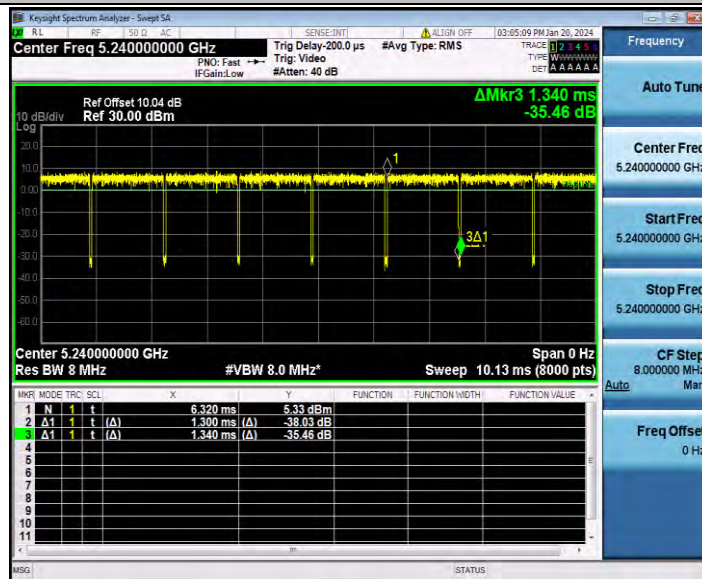
11N20SISO_Ant1_5180



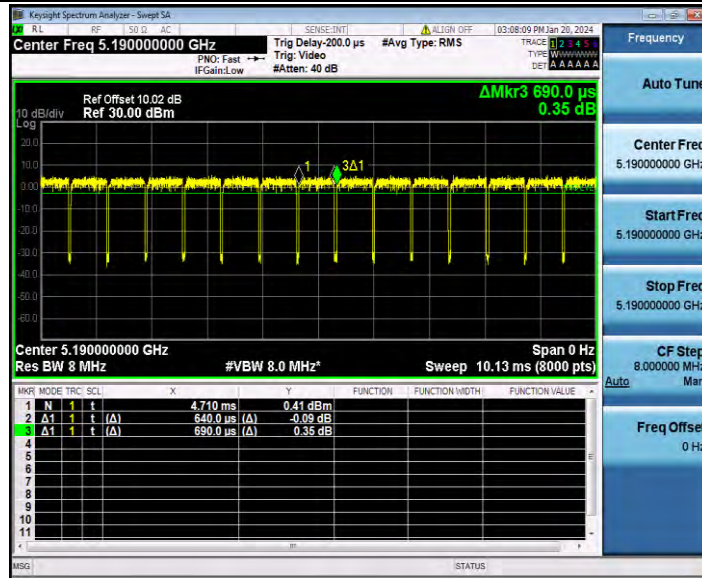
11N20SISO_Ant1_5200



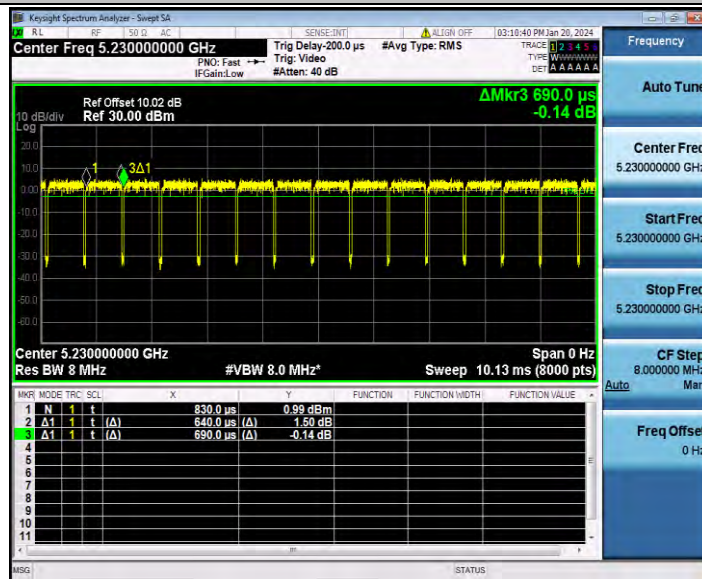
11N20SISO_Ant1_5240



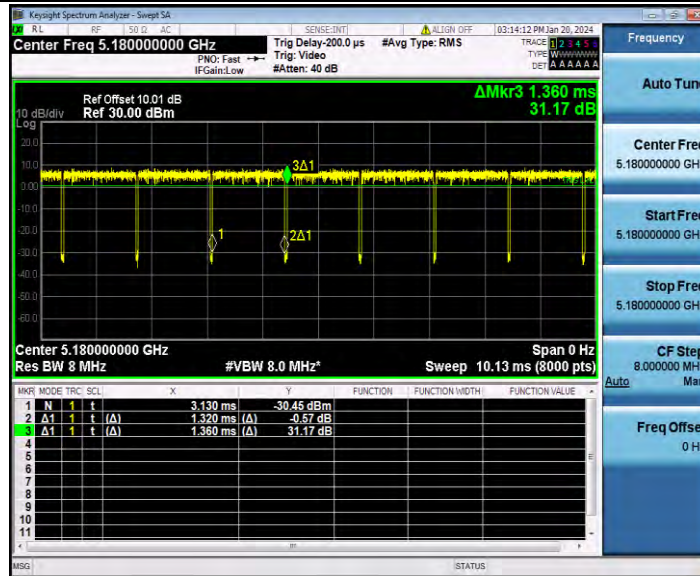
11N40SISO_Ant1_5190



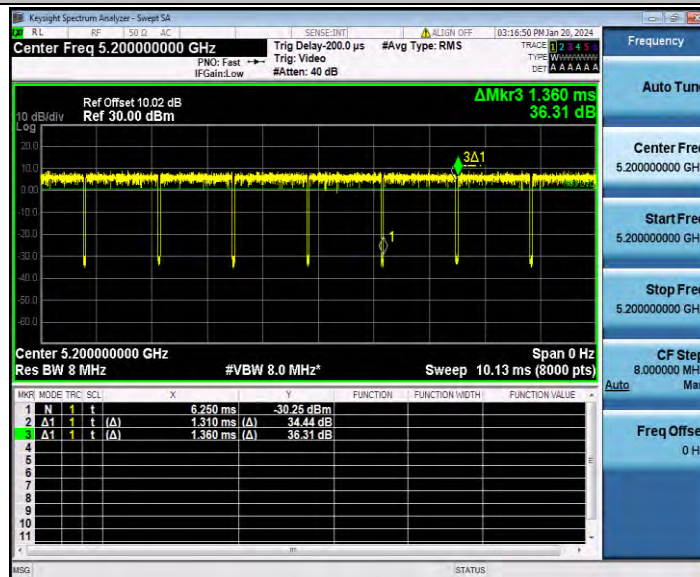
11N40SISO_Ant1_5230



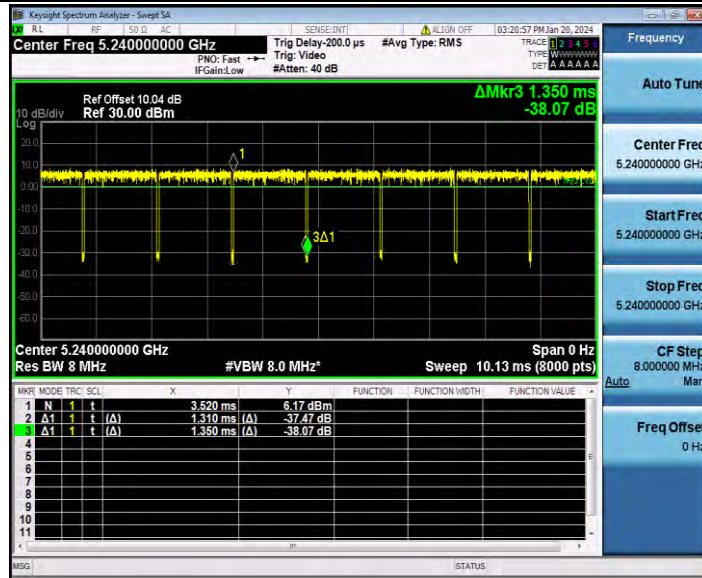
11AC20SISO_Ant1_5180



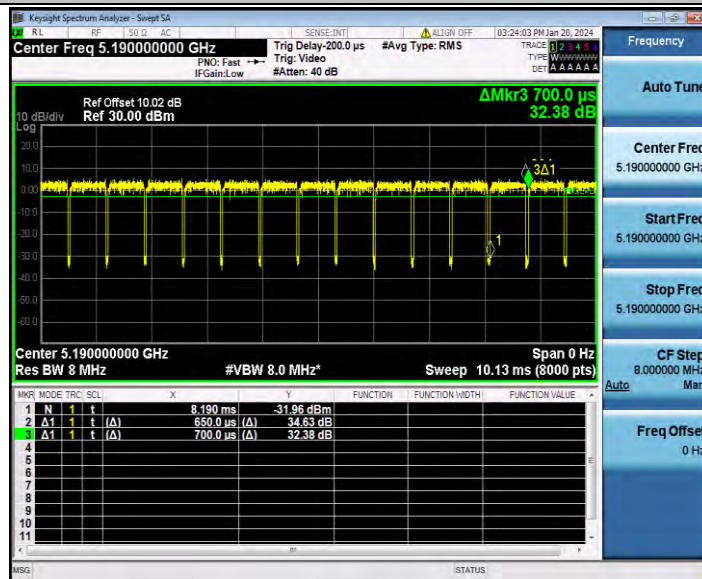
11AC20SISO_Ant1_5200



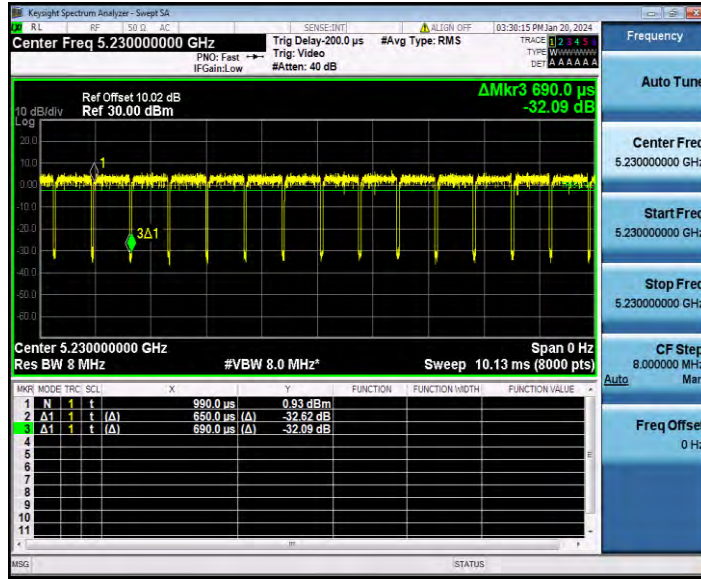
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

