

Case No. : GTS20221207004-1-5	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2023.1.6	Test Engineer: Jenny zeng

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	26.560	5167.720	5194.280	---	---
		5200	24.920	5187.200	5212.120	---	---
		5240	24.600	5227.560	5252.160	---	---
11N20SISO	Ant1	5180	26.240	5167.000	5193.240	---	---
		5200	25.640	5187.400	5213.040	---	---
		5240	26.240	5226.880	5253.120	---	---
11N40SISO	Ant1	5190	49.280	5166.160	5215.440	---	---
		5230	47.440	5206.640	5254.080	---	---
11AC20SISO	Ant1	5180	25.520	5167.240	5192.760	---	---
		5200	25.720	5187.800	5213.520	---	---
		5240	25.840	5227.080	5252.920	---	---
11AC40SISO	Ant1	5190	47.680	5166.400	5214.080	---	---
		5230	47.600	5206.400	5254.000	---	---
11AX20SISO	Ant1	5180	25.440	5167.200	5192.640	---	---
		5200	25.320	5187.600	5212.920	---	---
		5240	25.360	5227.520	5252.880	---	---
11AX40SISO	Ant1	5190	45.680	5167.920	5213.600	---	---
		5230	46.240	5207.680	5253.920	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



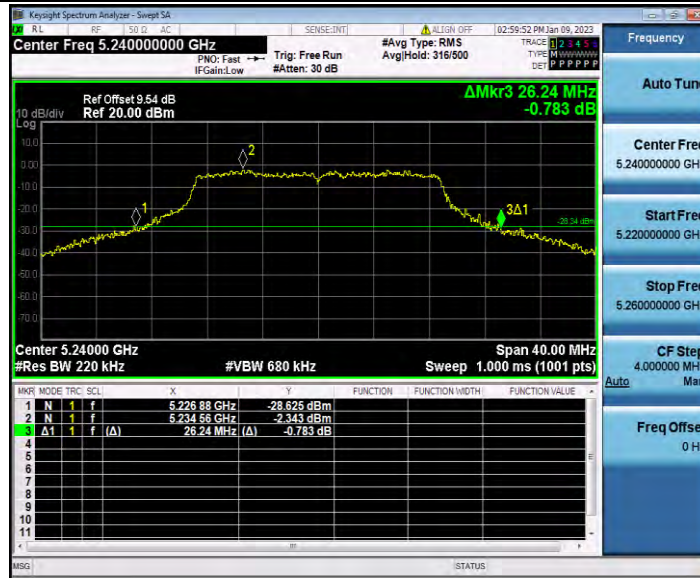
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



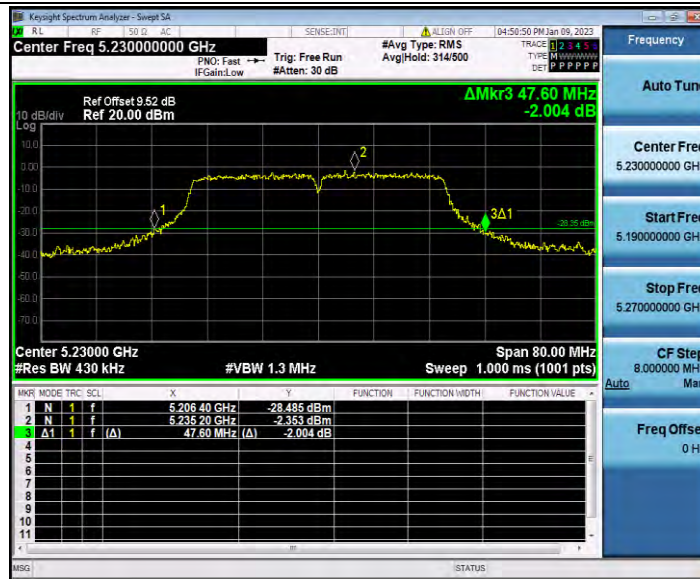
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



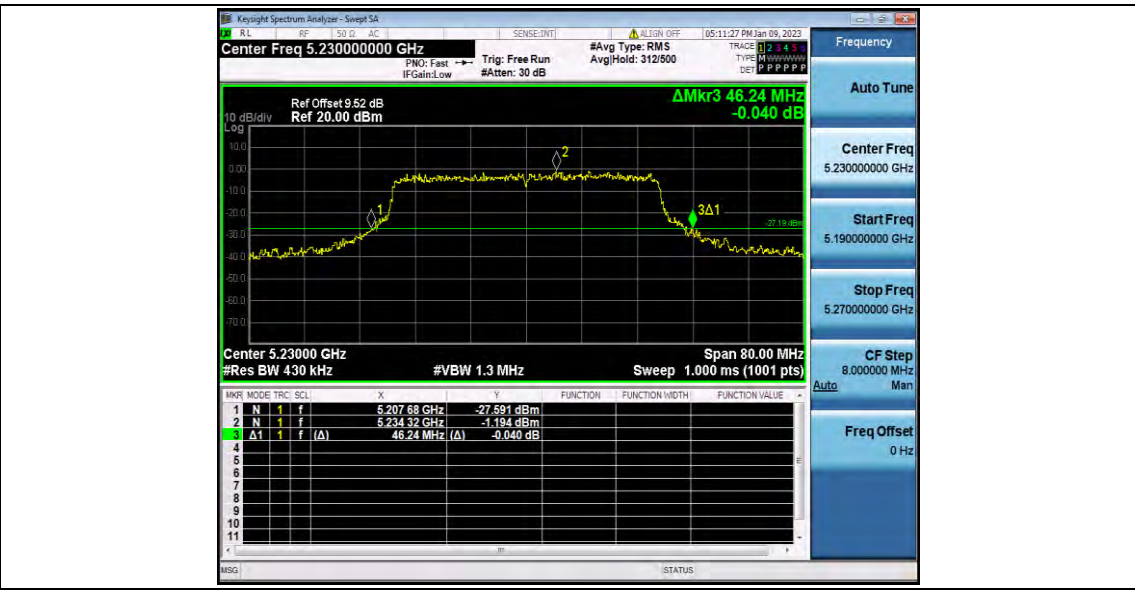
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



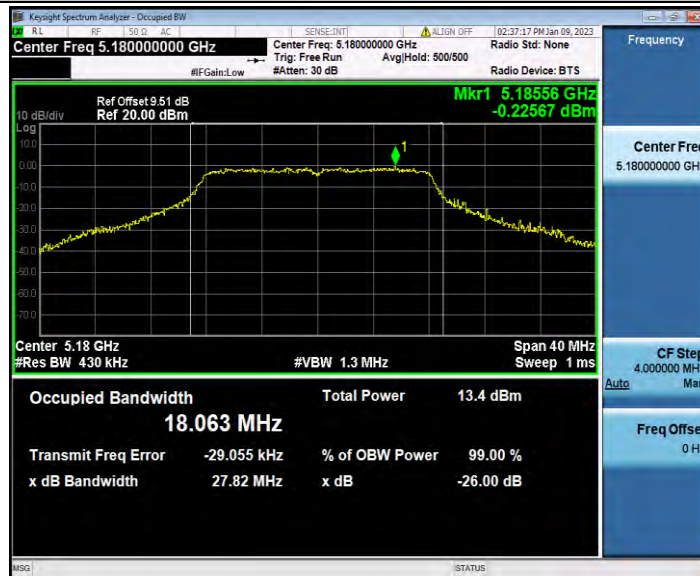
Appendix D.2: Occupied channel bandwidth

Test Result

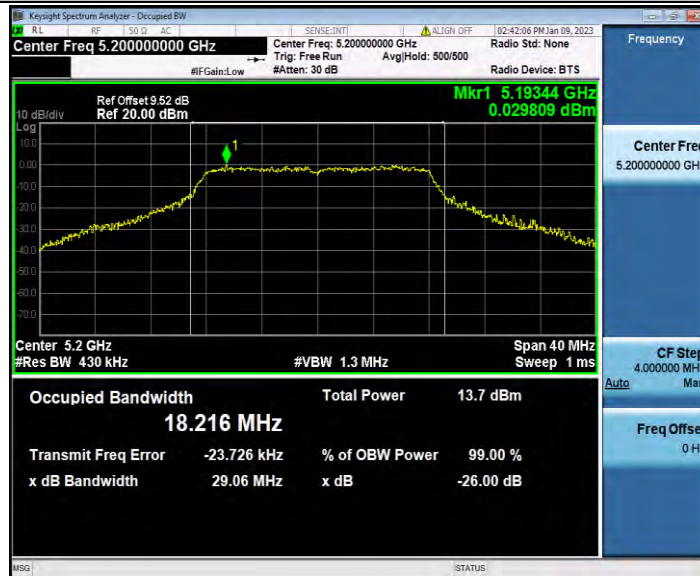
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.063	5170.939	5189.002	---	---
		5200	18.216	5190.868	5209.084	---	---
		5240	18.201	5230.758	5248.959	---	---
11N20SISO	Ant1	5180	19.184	5170.469	5189.653	---	---
		5200	19.249	5190.412	5209.661	---	---
		5240	19.202	5230.409	5249.611	---	---
11N40SISO	Ant1	5190	37.580	5171.276	5208.856	---	---
		5230	37.558	5211.223	5248.781	---	---
11AC20SISO	Ant1	5180	19.765	5170.215	5189.980	---	---
		5200	19.780	5190.229	5210.009	---	---
		5240	19.687	5230.141	5249.828	---	---
11AC40SISO	Ant1	5190	37.519	5171.414	5208.933	---	---
		5230	37.443	5211.375	5248.818	---	---
11AX20SISO	Ant1	5180	19.766	5170.179	5189.945	---	---
		5200	19.740	5190.170	5209.910	---	---
		5240	19.699	5230.208	5249.907	---	---
11AX40SISO	Ant1	5190	38.354	5170.879	5209.233	---	---
		5230	38.296	5210.936	5249.232	---	---

Test Graphs

11A_Ant1_5180



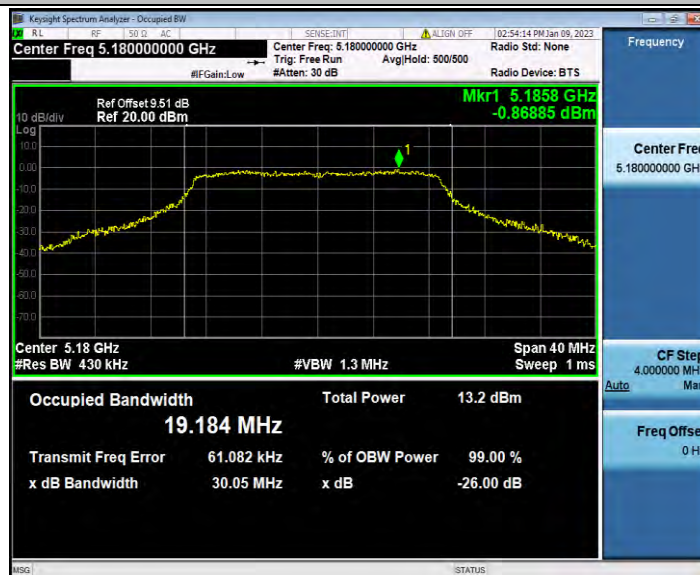
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



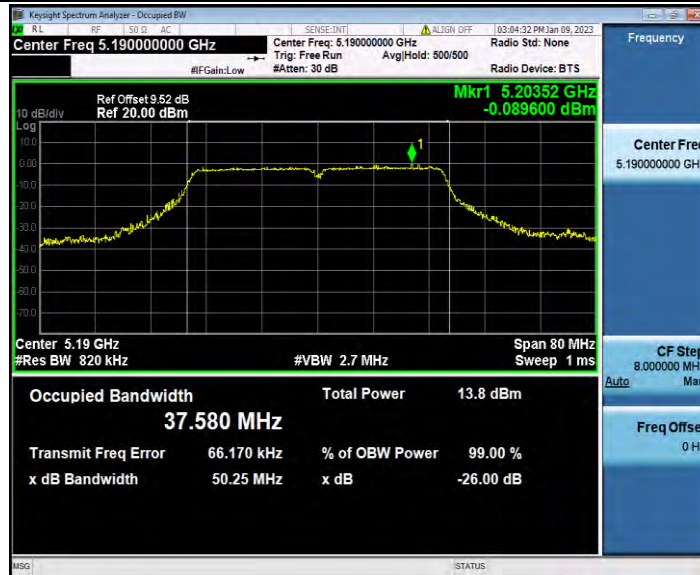
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



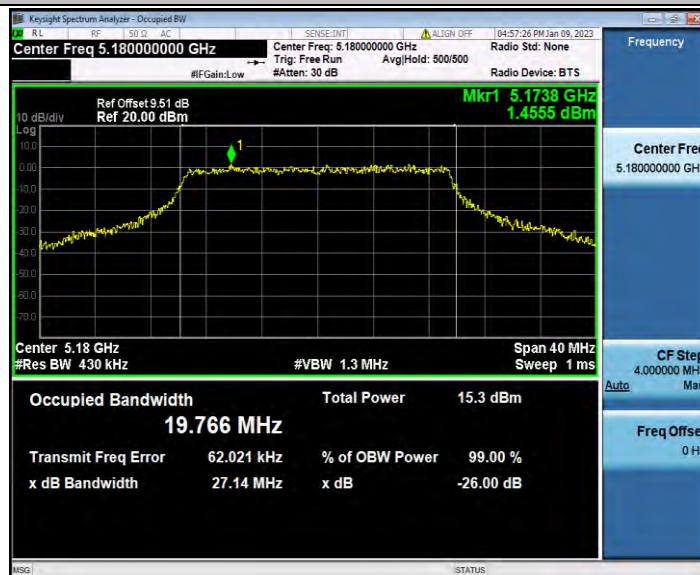
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



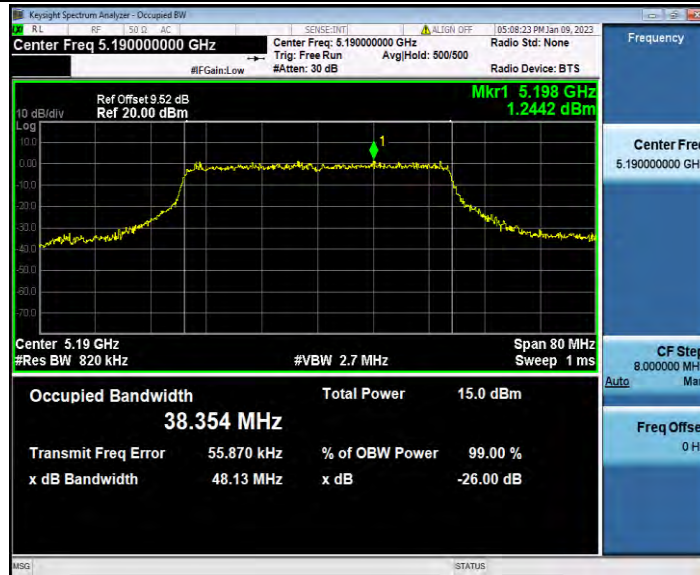
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



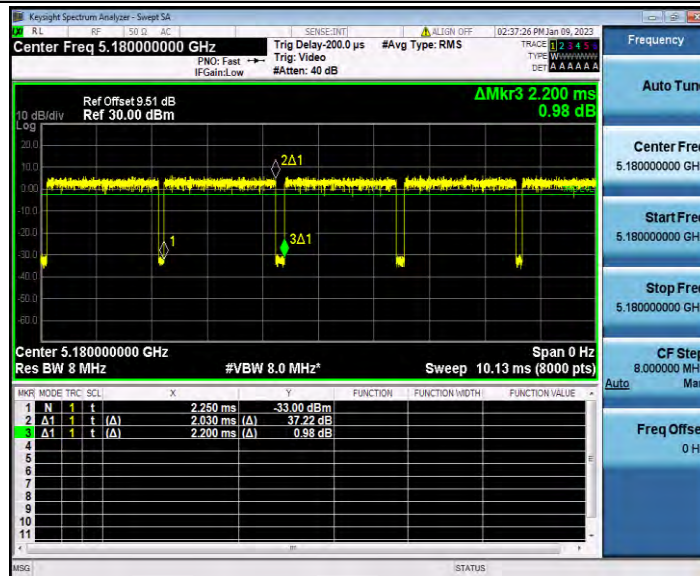
Appendix D.3: Duty Cycle

Test Result

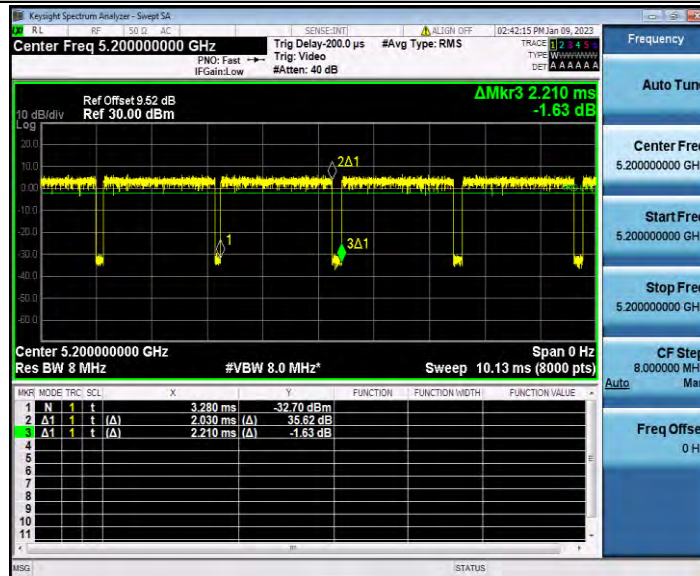
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.03	2.20	92.27
		5200	2.03	2.21	91.86
		5240	2.03	2.18	93.12
11N20SISO	Ant1	5180	1.89	2.04	92.65
		5200	1.89	2.05	92.20
		5240	1.89	2.05	92.20
11N40SISO	Ant1	5190	0.93	1.08	86.11
		5230	0.93	1.08	86.11
11AC20SISO	Ant1	5180	1.46	1.59	91.82
		5200	1.45	1.63	88.96
		5240	1.45	1.61	90.06
11AC40SISO	Ant1	5190	0.93	1.10	84.55
		5230	0.94	1.12	83.93
11AX20SISO	Ant1	5180	1.45	1.63	88.96
		5200	1.46	1.63	89.57
		5240	1.45	1.62	89.51
11AX40SISO	Ant1	5190	0.74	0.91	81.32
		5230	0.75	0.92	81.52

Test Graphs

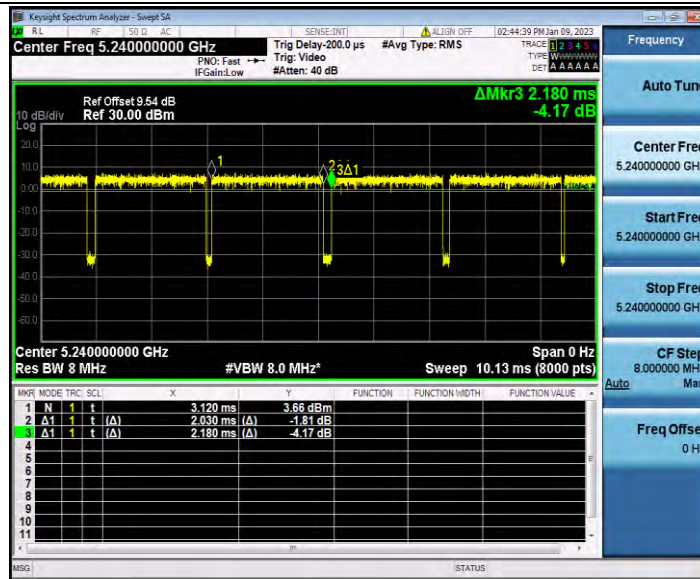
11A_Ant1_5180



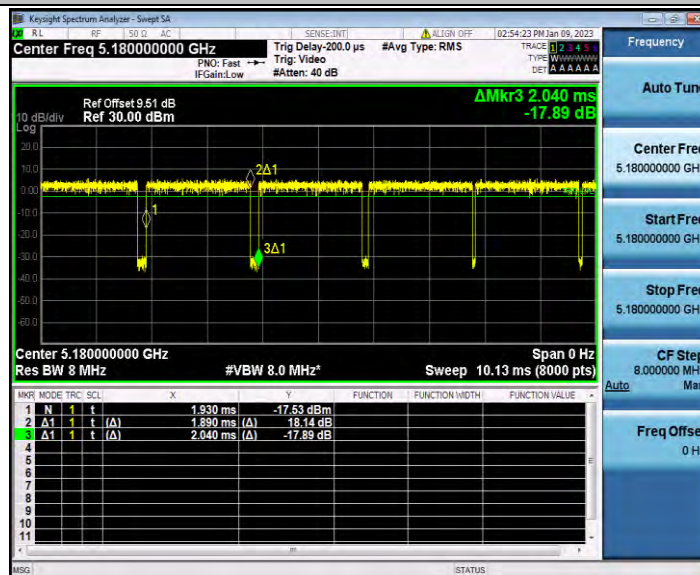
11A_Ant1_5200



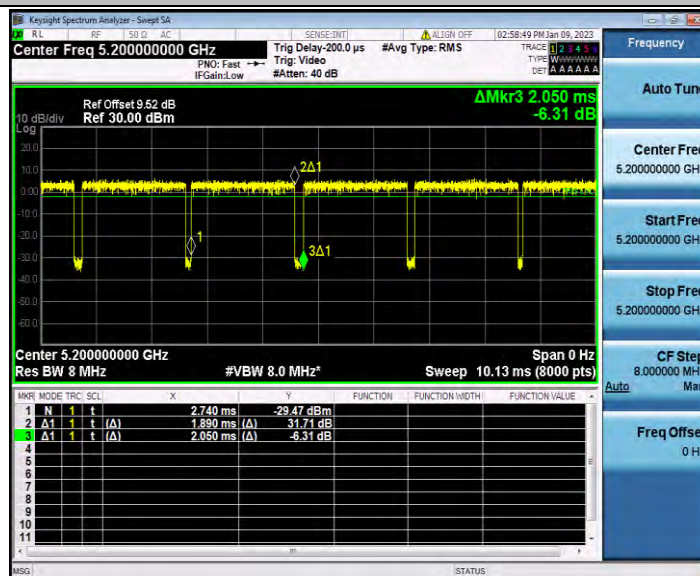
11A_Ant1_5240



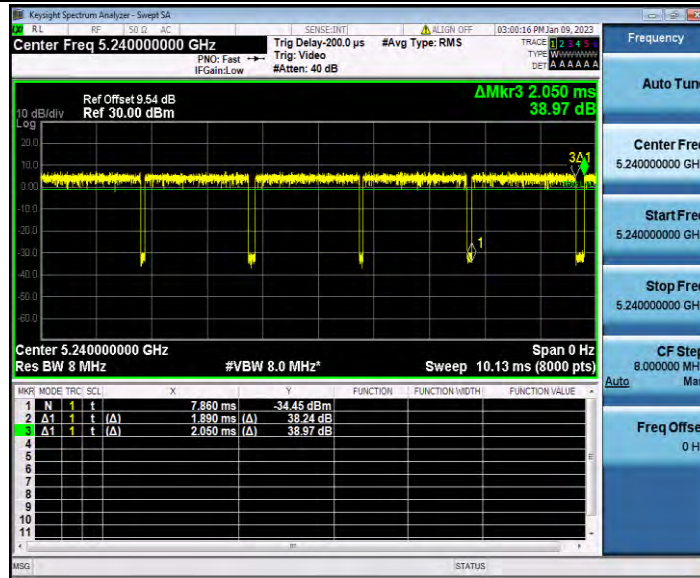
11N20SISO_Ant1_5180



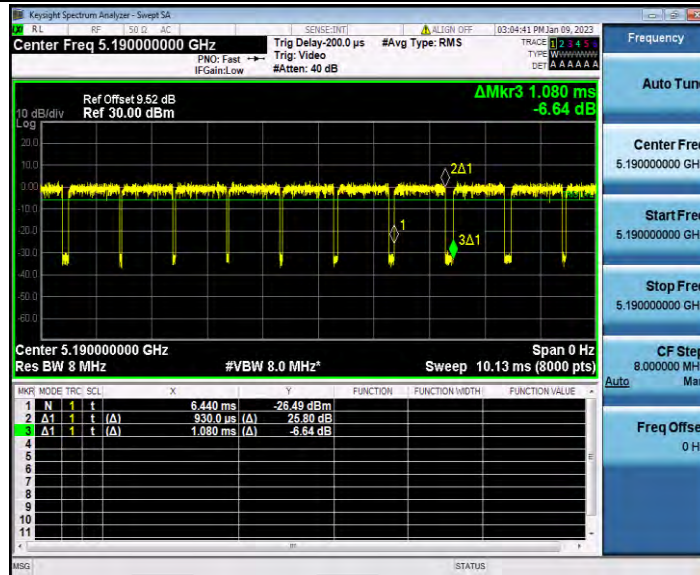
11N20SISO_Ant1_5200



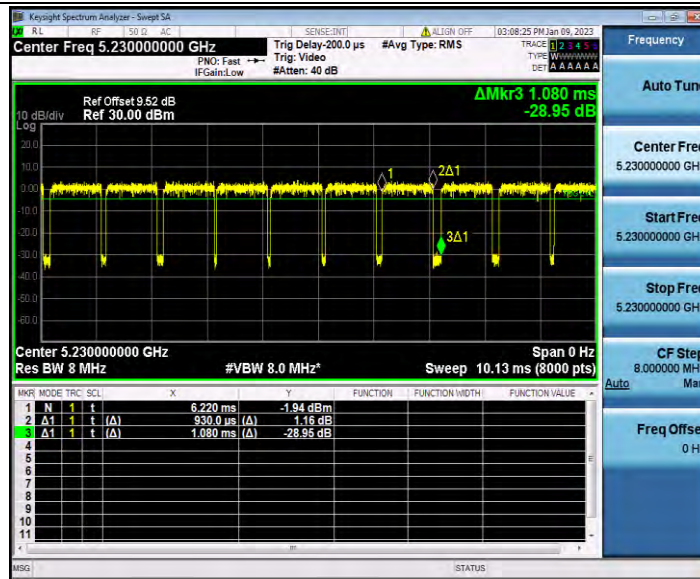
11N20SISO_Ant1_5240



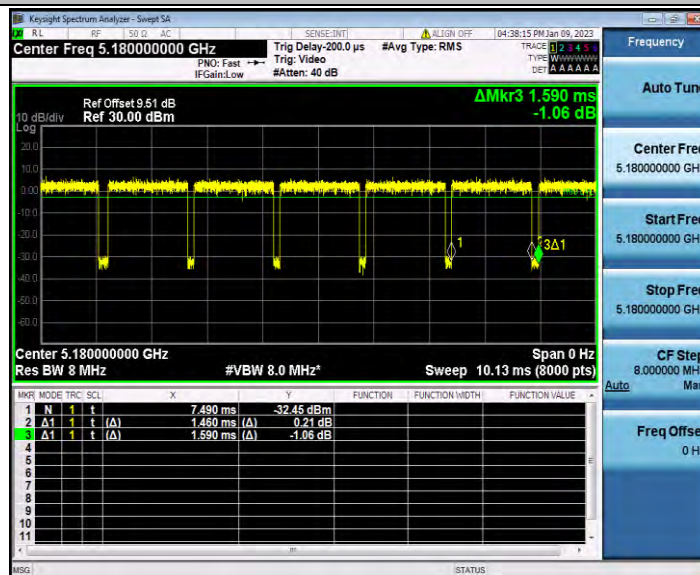
11N40SISO_Ant1_5190



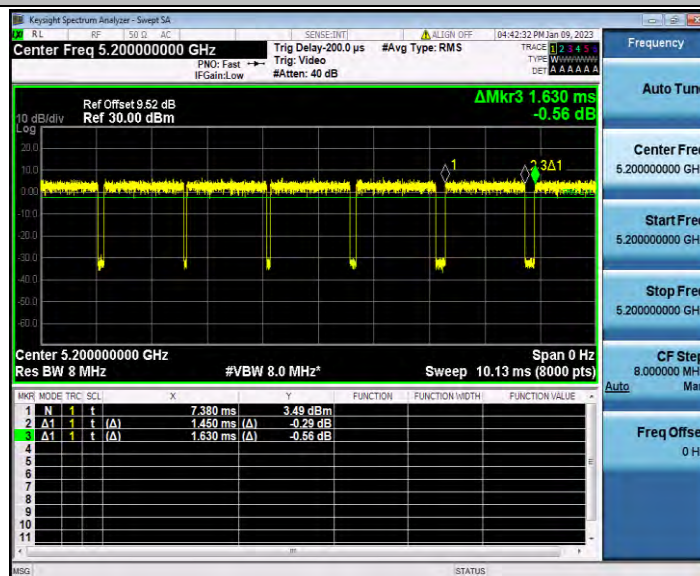
11N40SISO_Ant1_5230



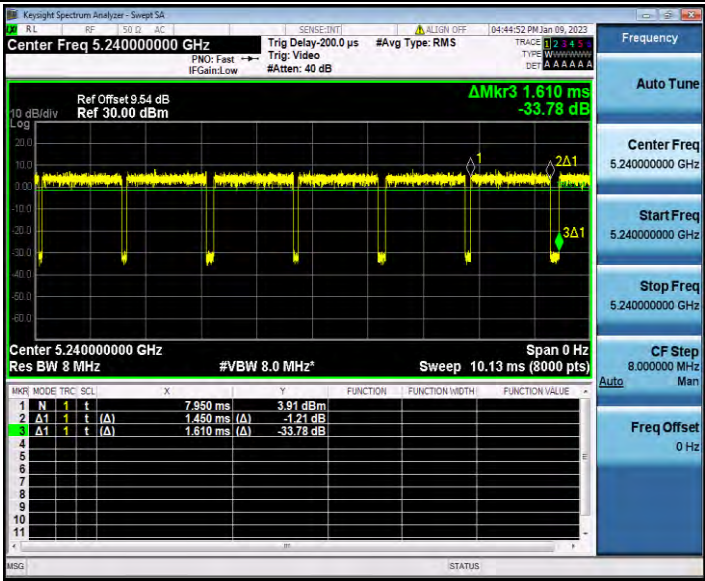
11AC20SISO_Ant1_5180



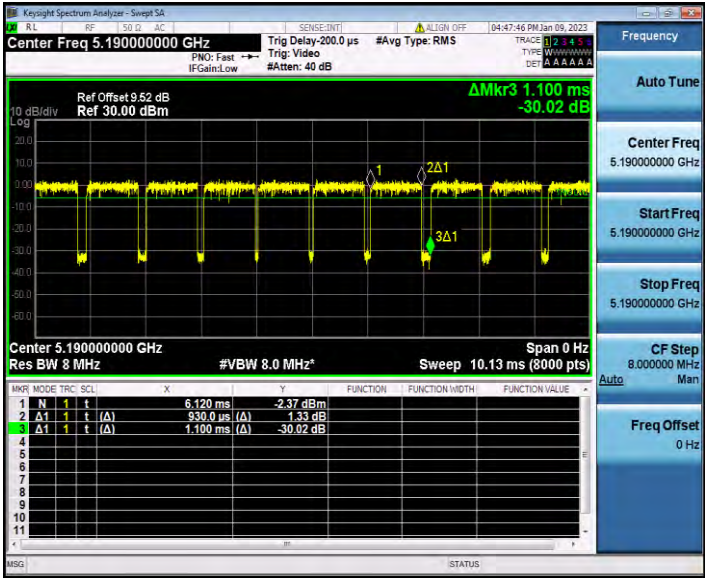
11AC20SISO_Ant1_5200



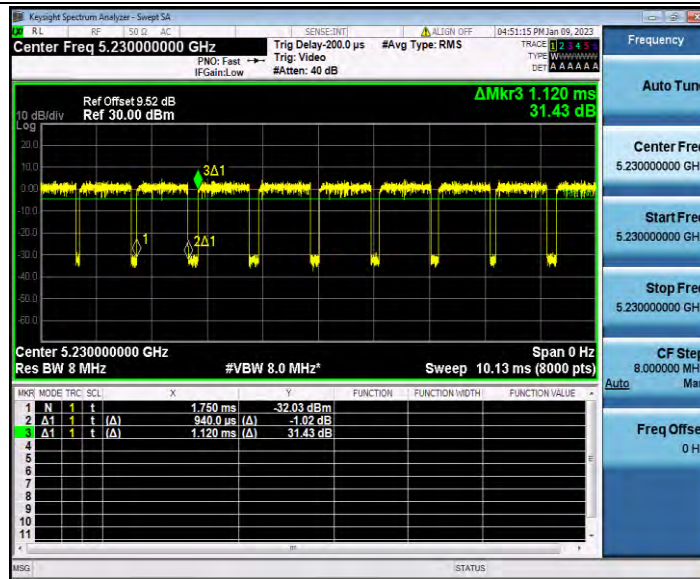
11AC20SISO_Ant1_5240



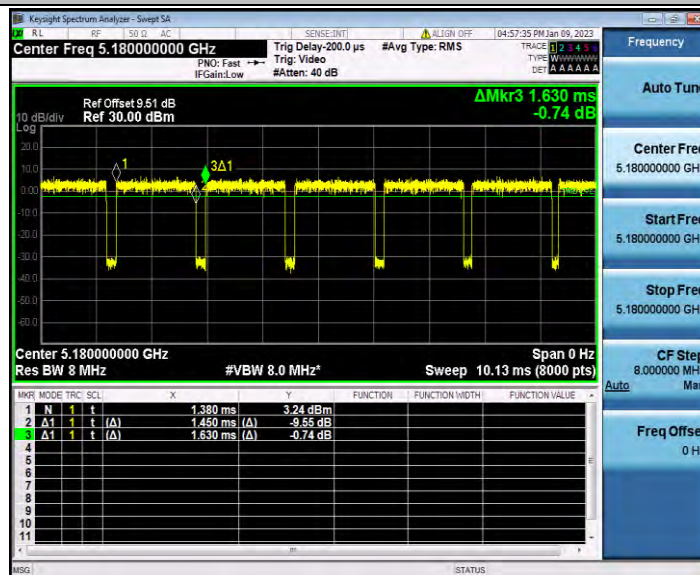
11AC40SISO_Ant1_5190



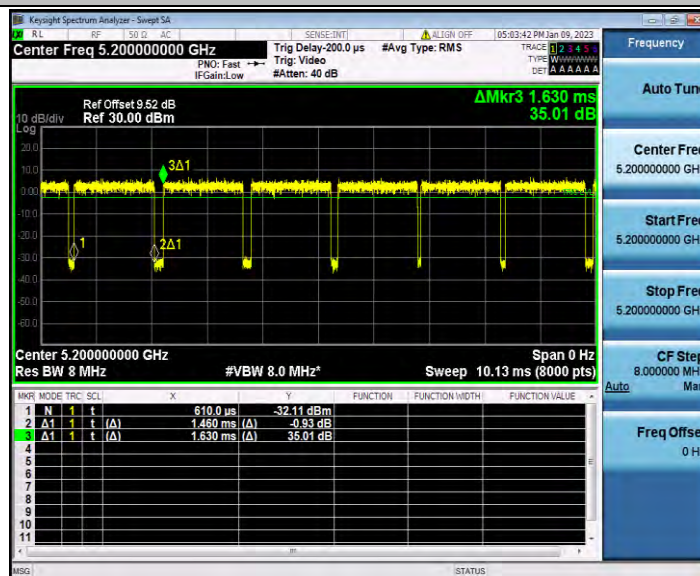
11AC40SISO_Ant1_5230



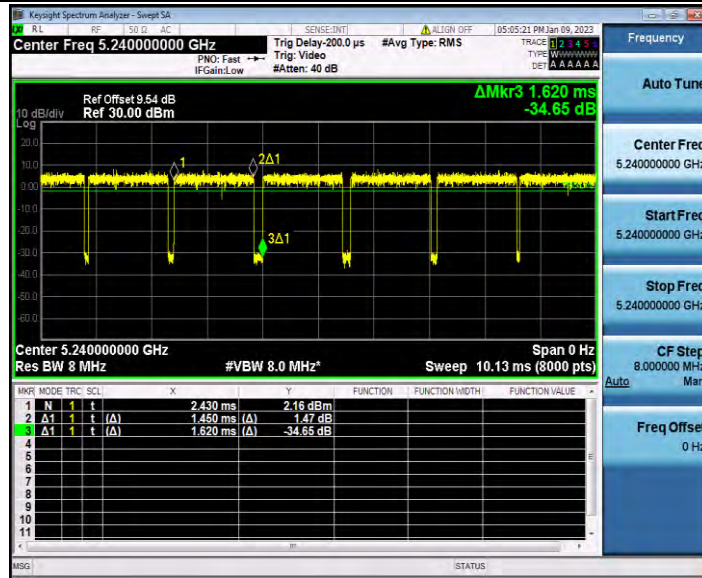
11AX20SISO_Ant1_5180



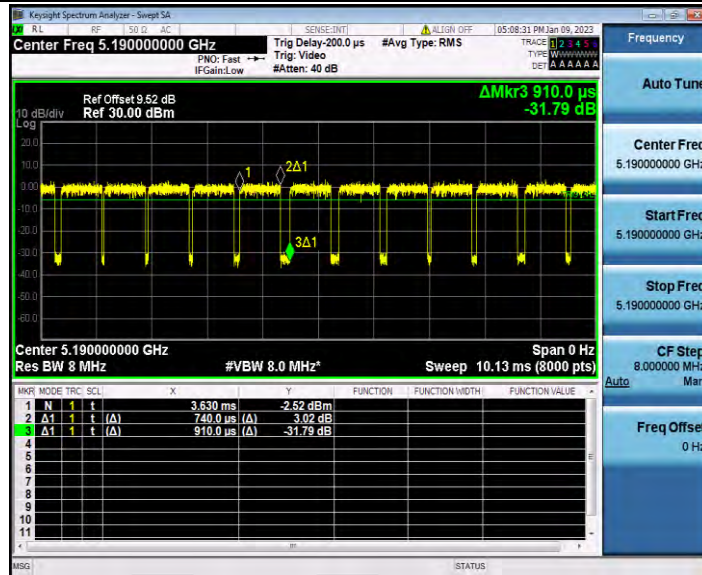
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

