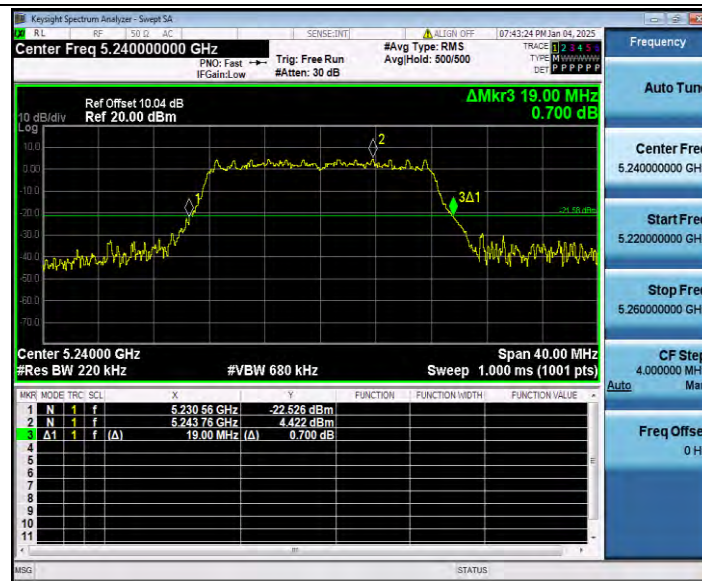


Case No. : <u>GTS20240604012-1-04</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2025.1.3</u>	Test Engineer: <u>Evan ouyang</u>

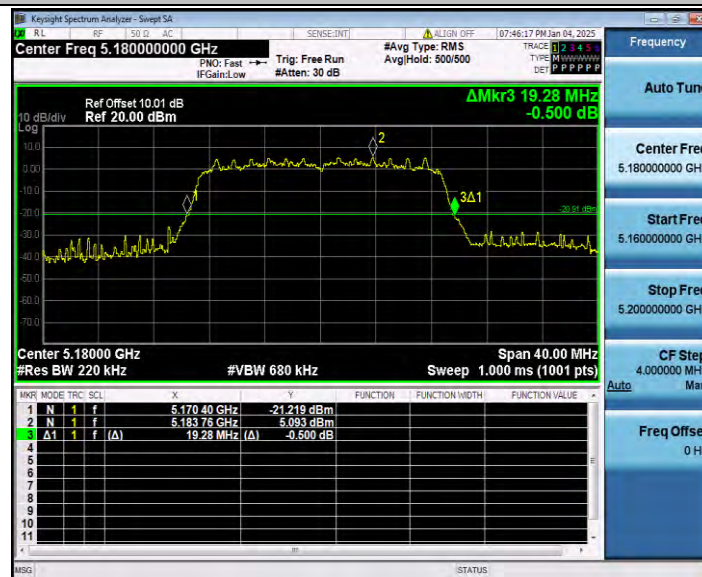
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	18.920	5170.640	5189.560	---	---
		5200	19.000	5190.560	5209.560	---	---
		5240	19.000	5230.560	5249.560	---	---
11N20SISO	Ant0	5180	19.280	5170.400	5189.680	---	---
		5200	19.240	5190.400	5209.640	---	---
		5240	19.280	5230.480	5249.760	---	---
11N40SISO	Ant0	5190	38.720	5170.880	5209.600	---	---
		5230	38.880	5210.800	5249.680	---	---
11AC20SISO	Ant0	5180	19.400	5170.400	5189.800	---	---
		5200	19.440	5190.240	5209.680	---	---
		5240	19.440	5230.240	5249.680	---	---
11AC40SISO	Ant0	5190	38.800	5170.880	5209.680	---	---
		5230	38.720	5210.800	5249.520	---	---
11AC80SISO	Ant0	5210	81.920	5169.680	5251.600	---	---
11AX20SISO	Ant0	5180	20.000	5170.080	5190.080	---	---
		5200	19.880	5190.080	5209.960	---	---
		5240	19.880	5230.040	5249.920	---	---
11AX40SISO	Ant0	5190	39.040	5170.480	5209.520	---	---
		5230	39.200	5210.400	5249.600	---	---
11AX80SISO	Ant0	5210	82.240	5169.360	5251.600	---	---



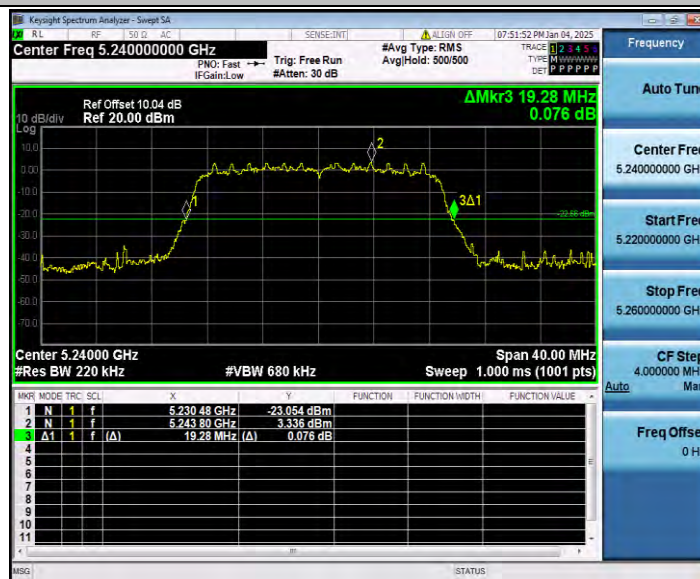
11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



11N20SISO_Ant0_5240



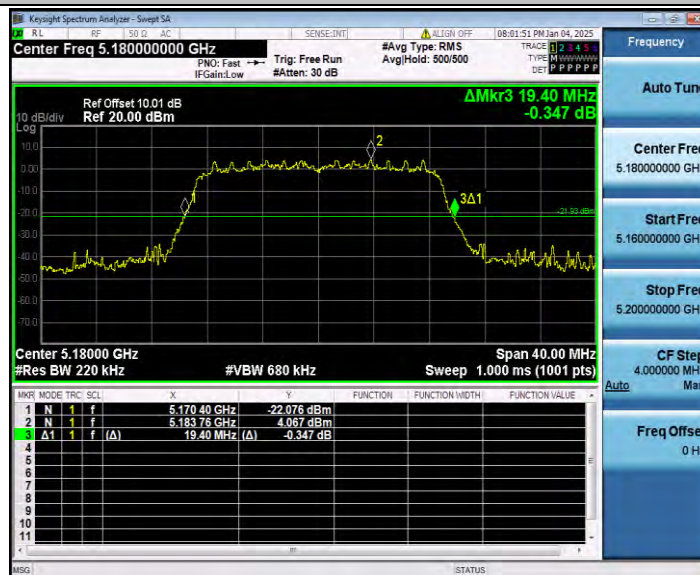
11N40SISO_Ant0_5190



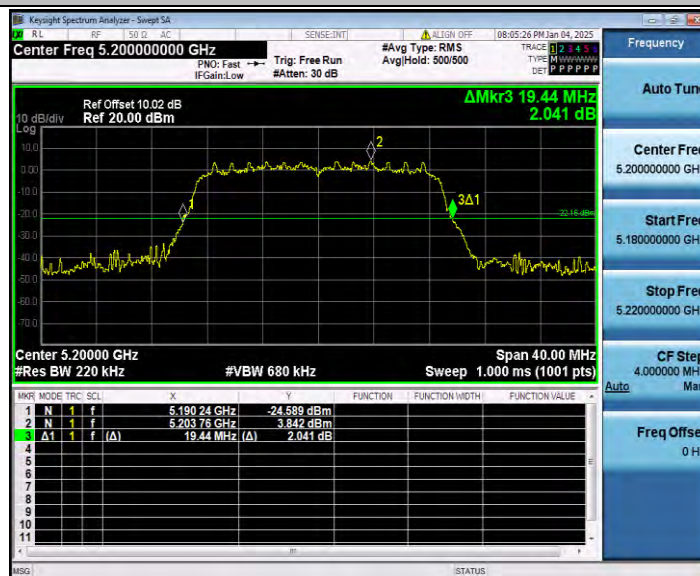
11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



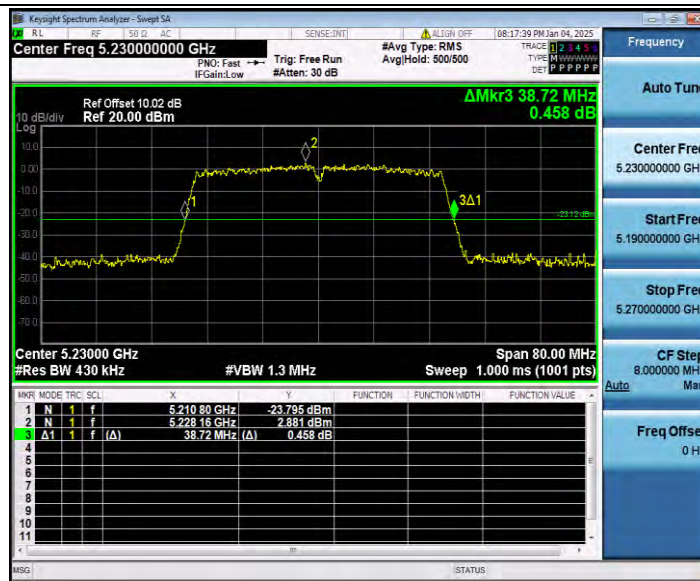
11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



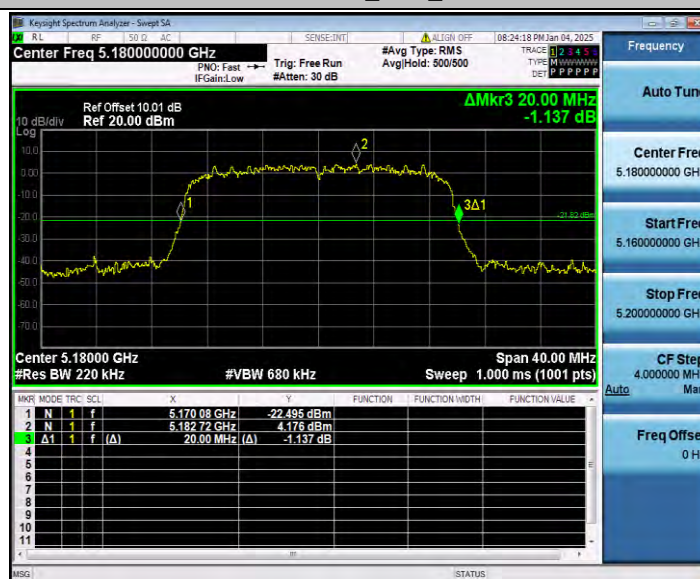
11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210



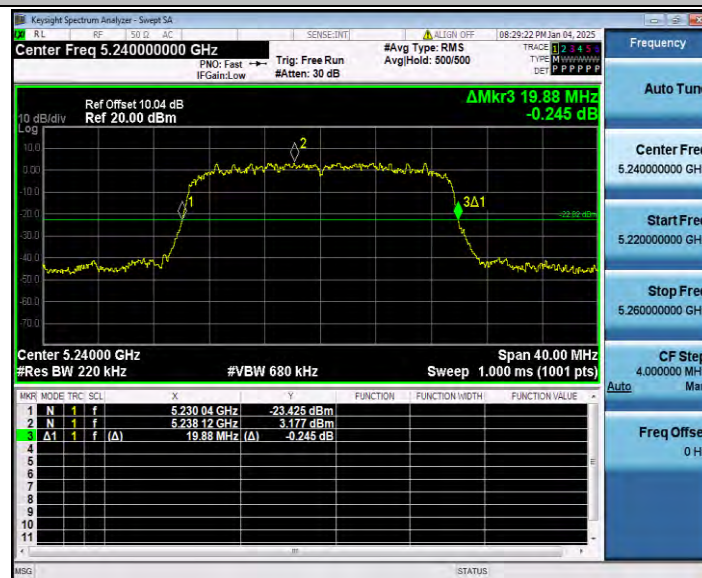
11AX20SISO_Ant0_5180



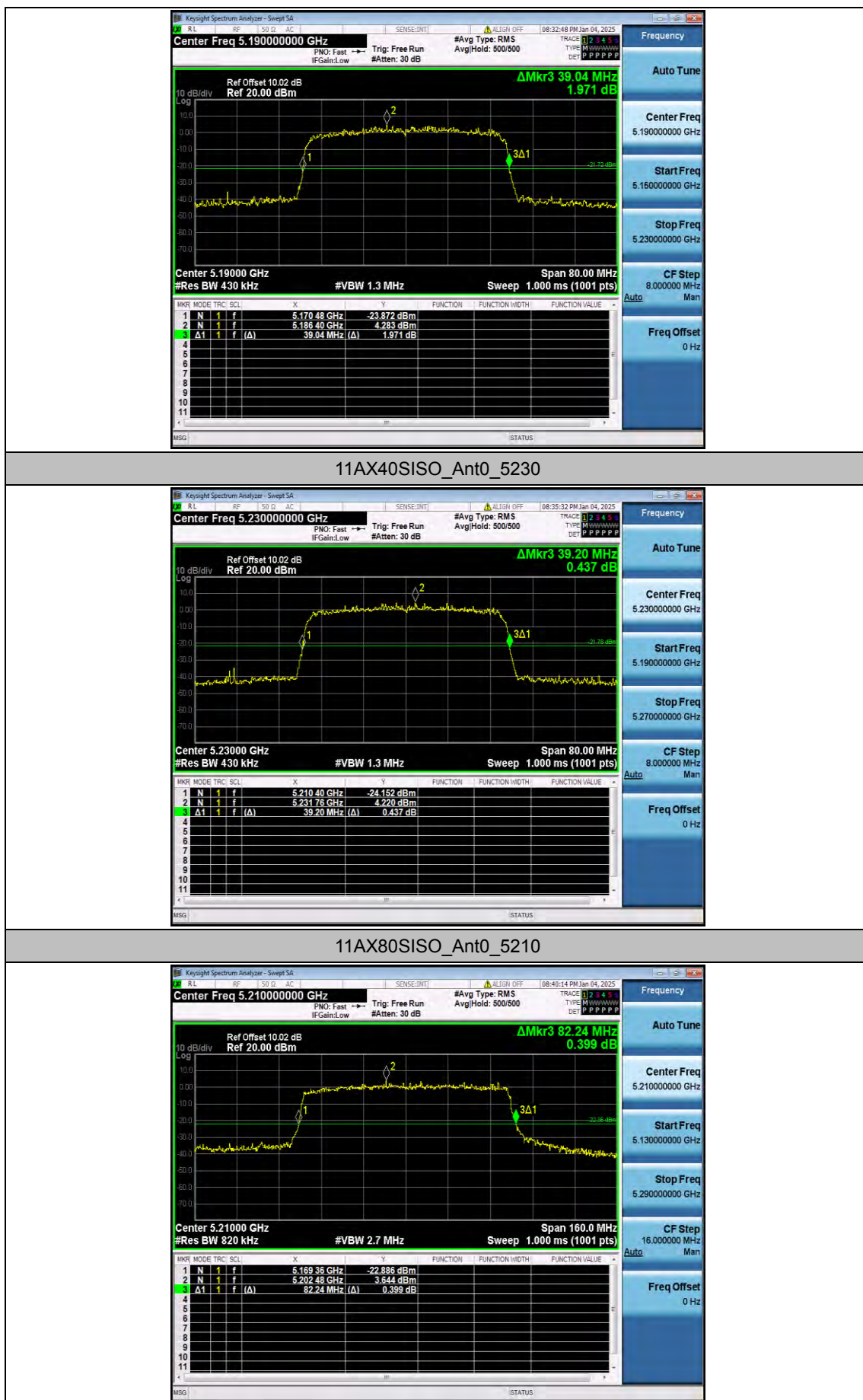
11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190



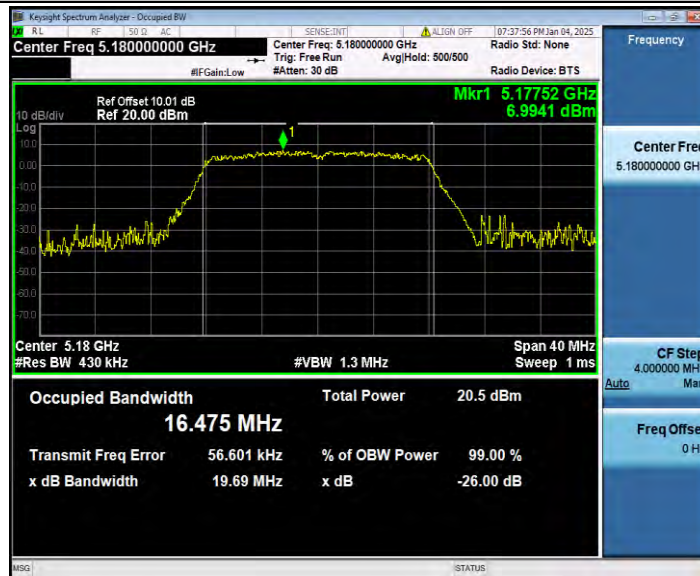
Appendix D.2: Occupied channel bandwidth

Test Result

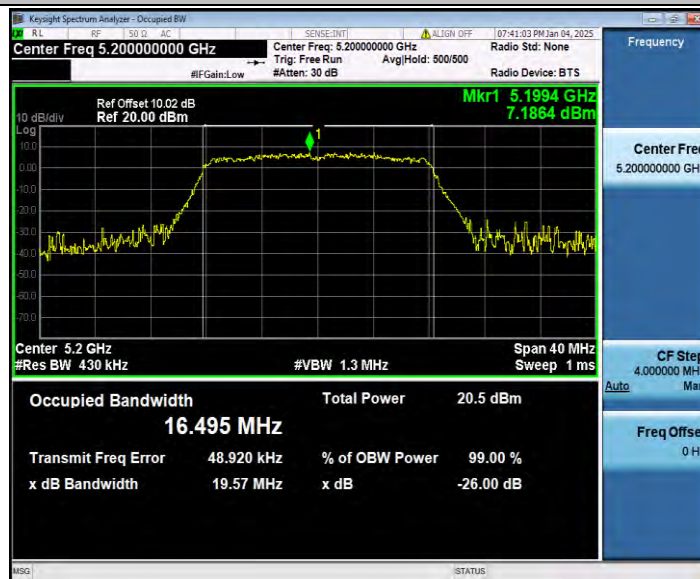
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	16.475	5171.8191	5188.2941	---	---
		5200	16.495	5191.8014	5208.2964	---	---
		5240	16.479	5231.7966	5248.2756	---	---
11N20SISO	Ant0	5180	17.485	5171.2907	5188.7757	---	---
		5200	17.430	5191.3182	5208.7482	---	---
		5240	17.466	5231.2891	5248.7551	---	---
11N40SISO	Ant0	5190	35.728	5172.2762	5208.0042	---	---
		5230	35.738	5212.2284	5247.9664	---	---
11AC20SISO	Ant0	5180	17.491	5171.2676	5188.7586	---	---
		5200	17.410	5191.3335	5208.7435	---	---
		5240	17.482	5231.2804	5248.7624	---	---
11AC40SISO	Ant0	5190	35.599	5172.3868	5207.9858	---	---
		5230	35.638	5212.3133	5247.9513	---	---
11AC80SISO	Ant0	5210	75.572	5172.5965	5248.1685	---	---
11AX20SISO	Ant0	5180	18.313	5170.9328	5189.2458	---	---
		5200	18.285	5190.8952	5209.1802	---	---
		5240	18.320	5230.8699	5249.1899	---	---
11AX40SISO	Ant0	5190	36.504	5171.8748	5208.3788	---	---
		5230	36.516	5211.8139	5248.3299	---	---
11AX80SISO	Ant0	5210	77.051	5171.8234	5248.8744	---	---

Test Graphs

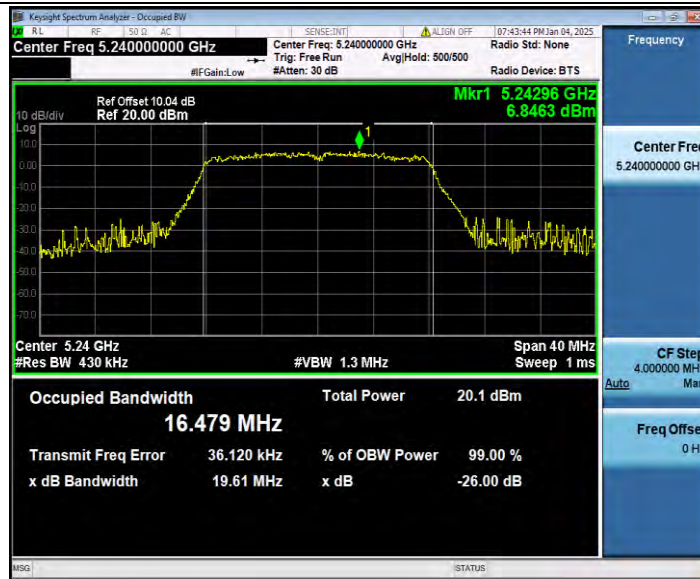
11A_Ant0_5180



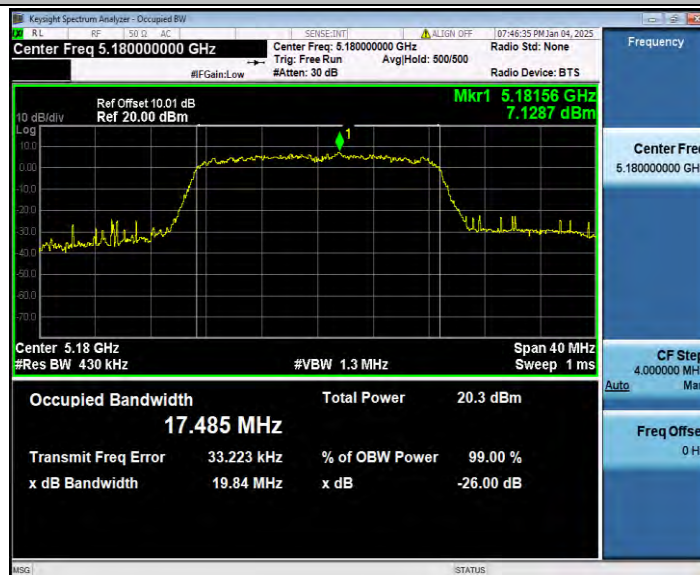
11A_Ant0_5200



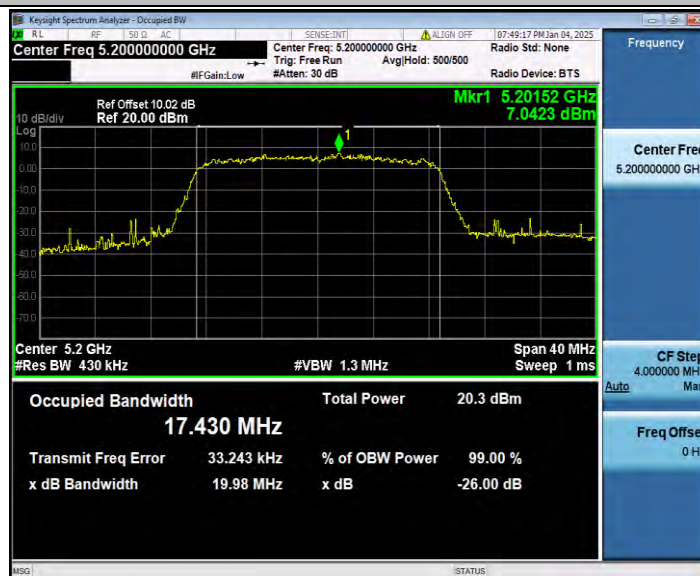
11A_Ant0_5240



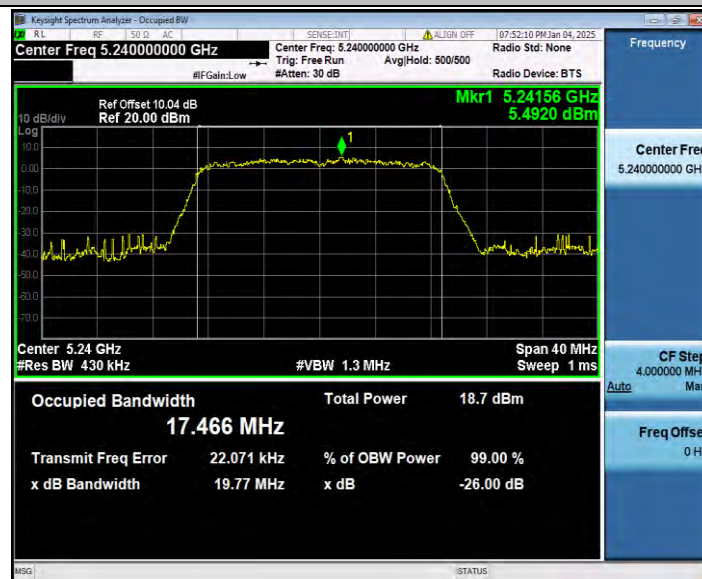
11N20SISO_Ant0_5180



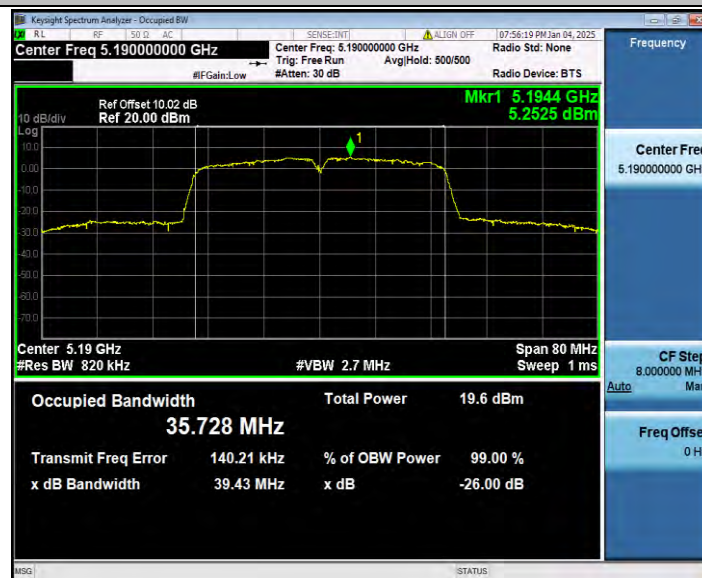
11N20SISO_Ant0_5200



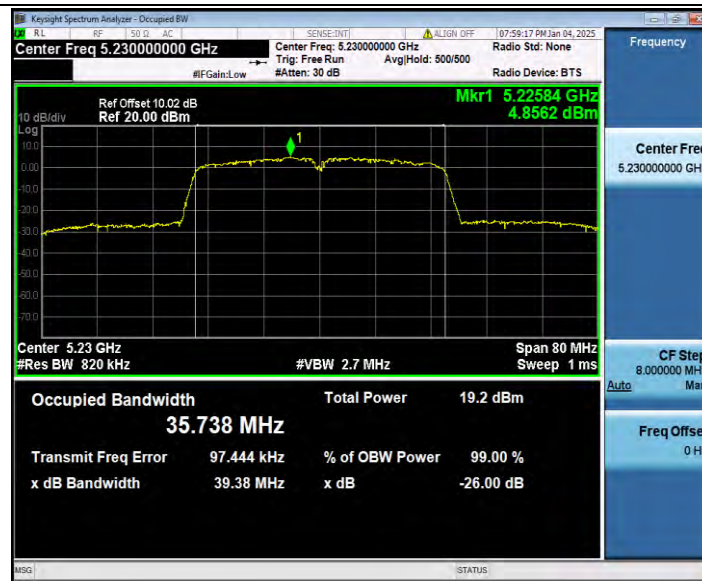
11N20SISO_Ant0_5240



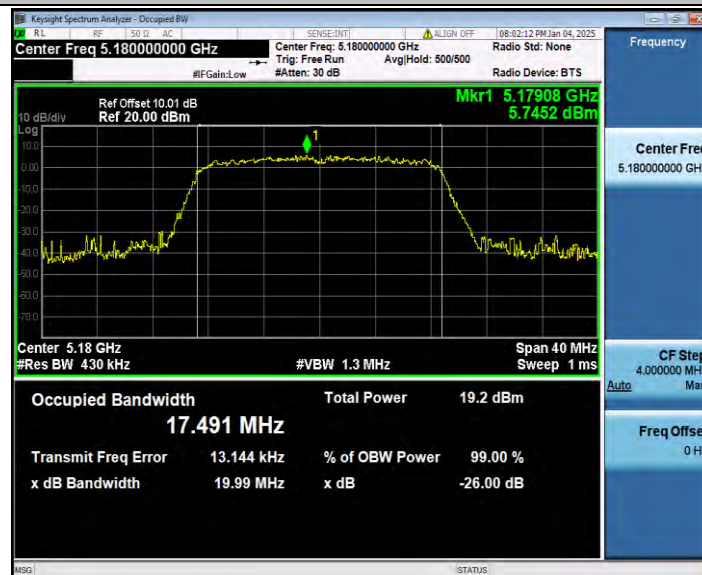
11N40SISO_Ant0_5190



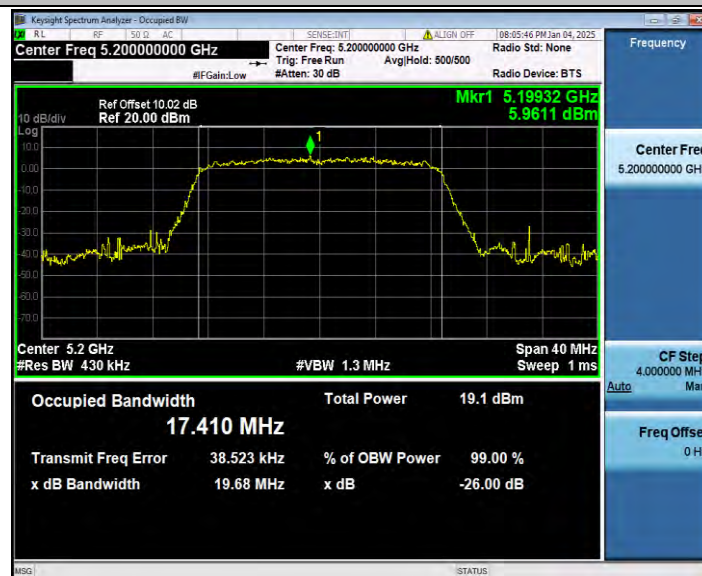
11N40SISO_Ant0_5230



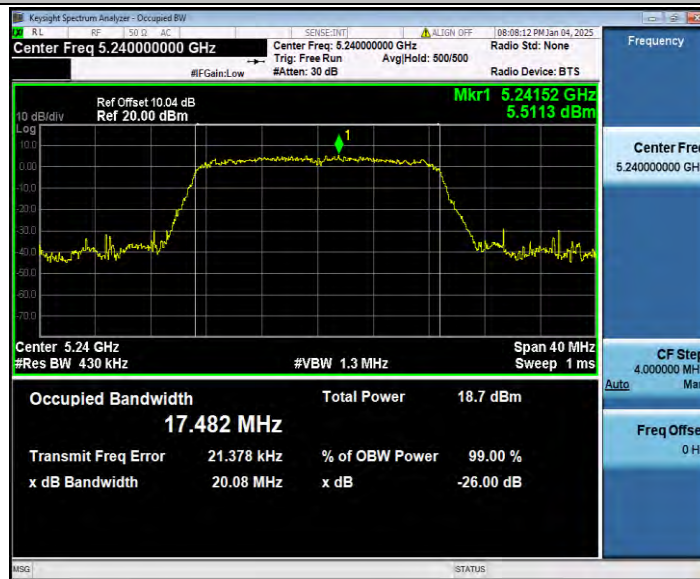
11AC20SISO_Ant0_5180



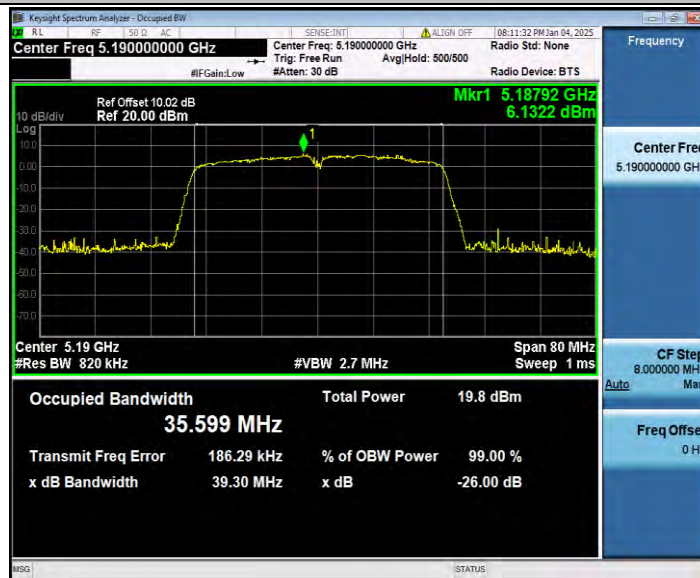
11AC20SISO_Ant0_5200



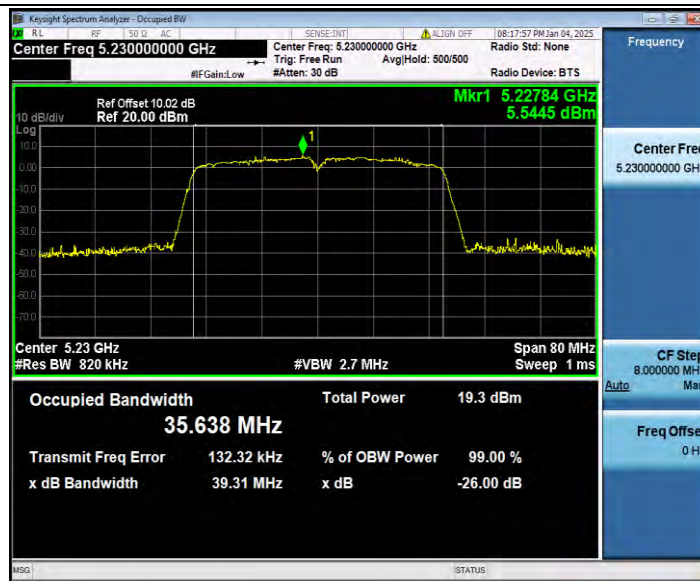
11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



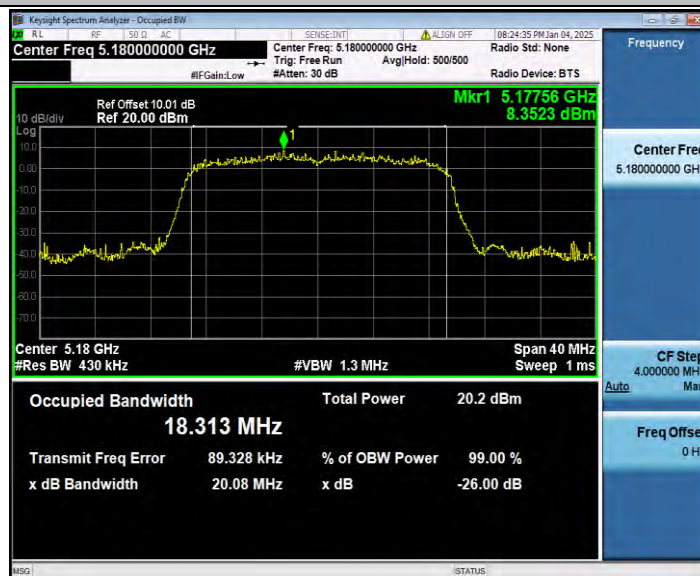
11AC40SISO_Ant0_5230



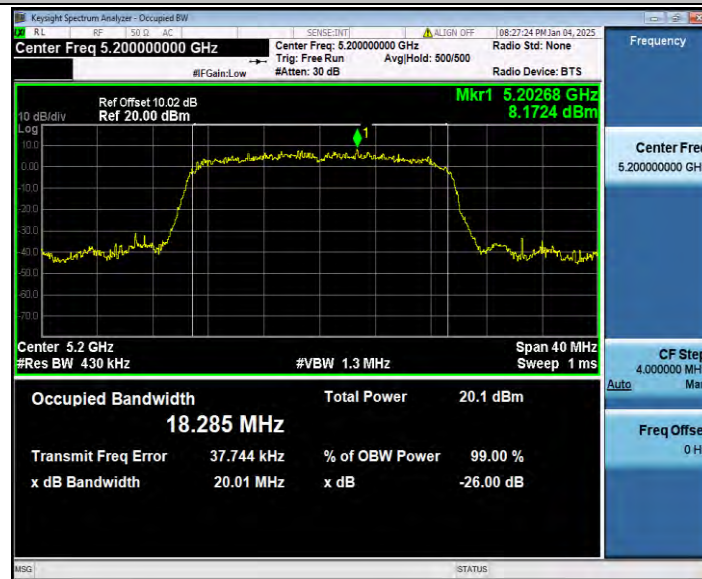
11AC80SISO_Ant0_5210



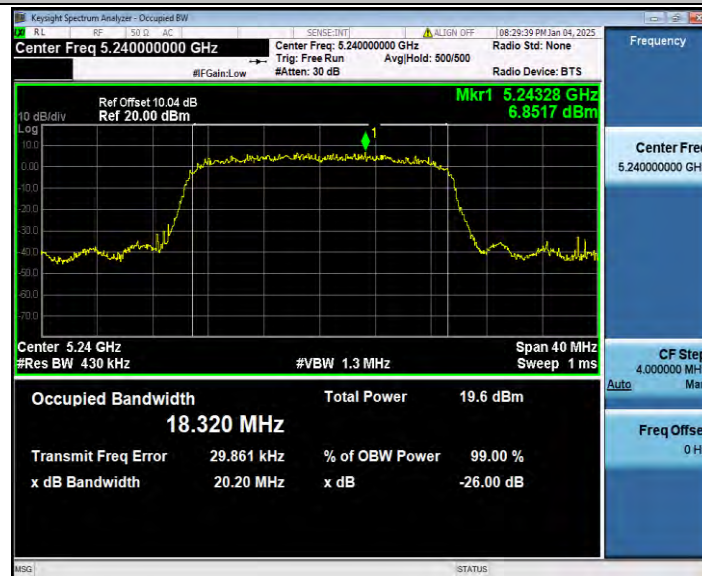
11AX20SISO_Ant0_5180



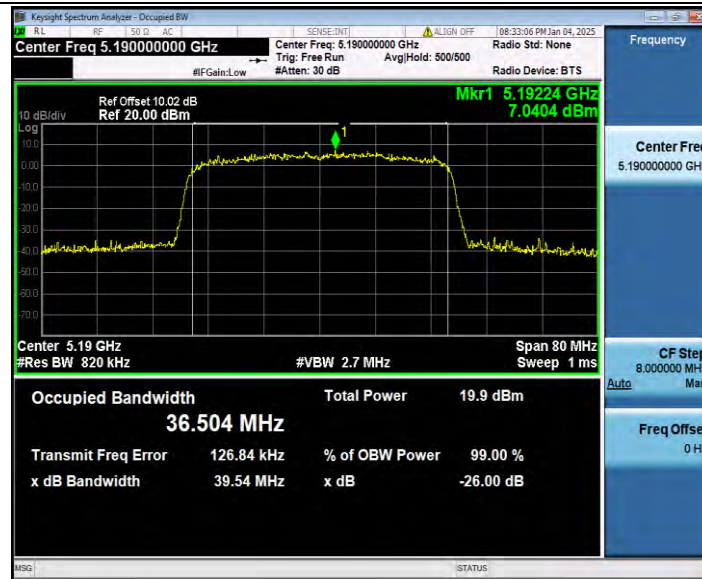
11AX20SISO_Ant0_5200



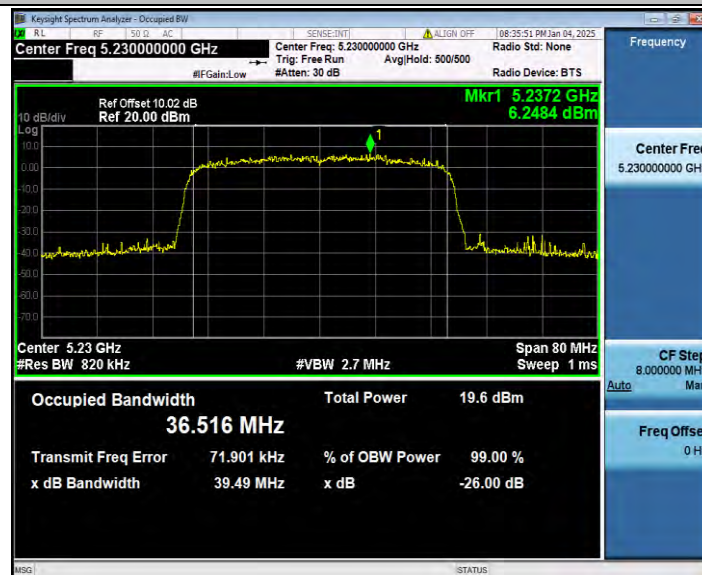
11AX20SISO_Ant0_5240



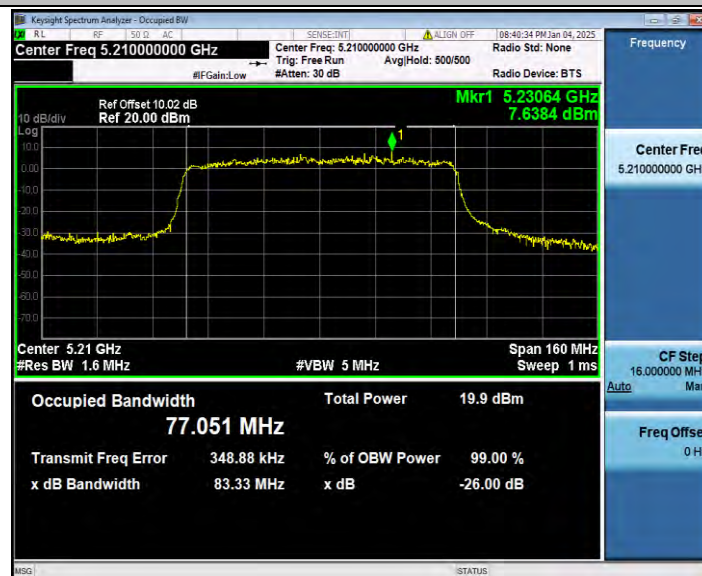
11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210



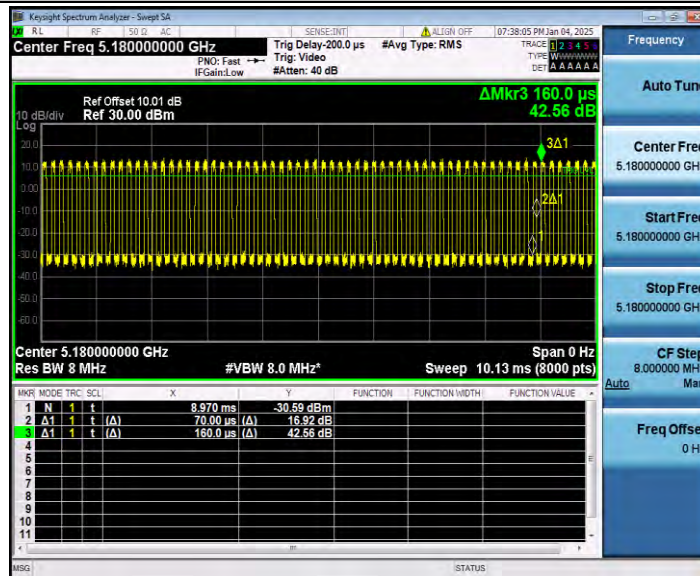
Appendix D.3: Duty Cycle

Test Result

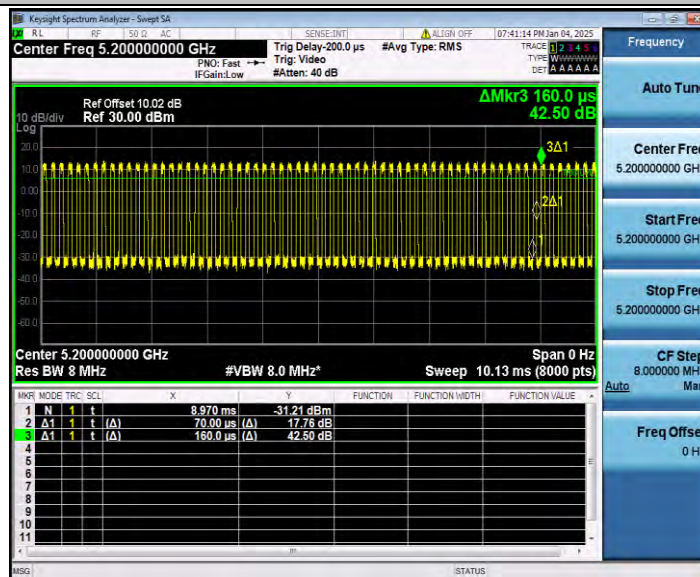
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5180	0.07	0.16	43.75	3.59	14.29
		5200	0.07	0.16	43.75	3.59	14.29
		5240	0.06	0.15	40.00	3.98	16.67
11N20SISO	Ant0	5180	0.08	0.17	47.06	3.27	12.50
		5200	0.08	0.17	47.06	3.27	12.50
		5240	0.08	0.17	47.06	3.27	12.50
11N40SISO	Ant0	5190	0.06	0.15	40.00	3.98	16.67
		5230	0.05	0.14	35.71	4.47	20.00
11AC20SISO	Ant0	5180	0.09	0.18	50.00	3.01	11.11
		5200	0.09	0.18	50.00	3.01	11.11
		5240	0.09	0.19	47.37	3.24	11.11
11AC40SISO	Ant0	5190	0.07	0.15	46.67	3.31	14.29
		5230	0.06	0.15	40.00	3.98	16.67
11AC80SISO	Ant0	5210	0.05	0.14	35.71	4.47	20.00
11AX20SISO	Ant0	5180	0.09	0.18	50.00	3.01	11.11
		5200	0.09	0.18	50.00	3.01	11.11
		5240	0.09	0.18	50.00	3.01	11.11
11AX40SISO	Ant0	5190	0.08	0.17	47.06	3.27	12.50
		5230	0.08	0.17	47.06	3.27	12.50
11AX80SISO	Ant0	5210	0.08	0.16	50.00	3.01	12.50

Test Graphs

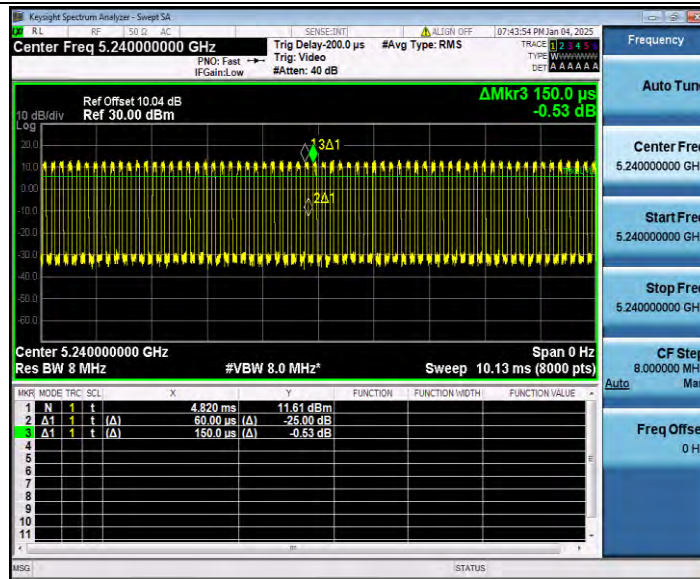
11A_Ant0_5180



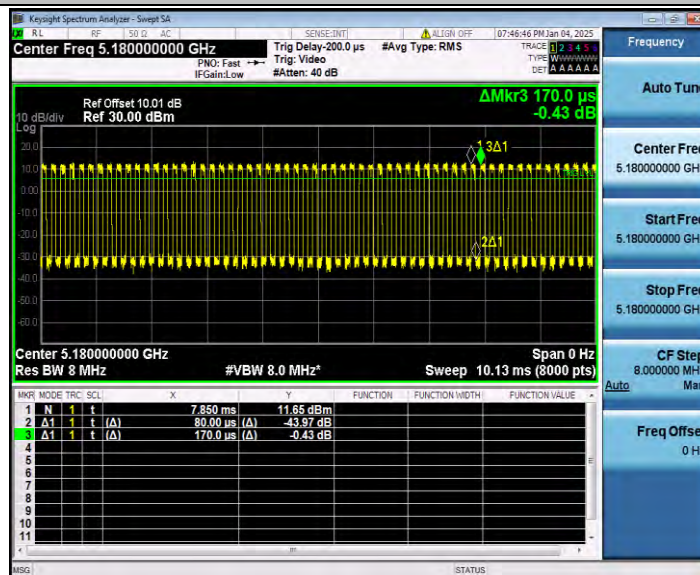
11A_Ant0_5200



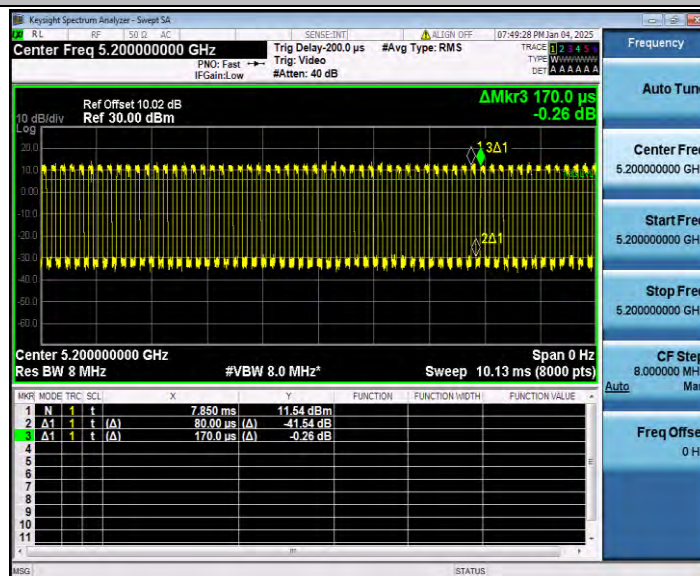
11A_Ant0_5240



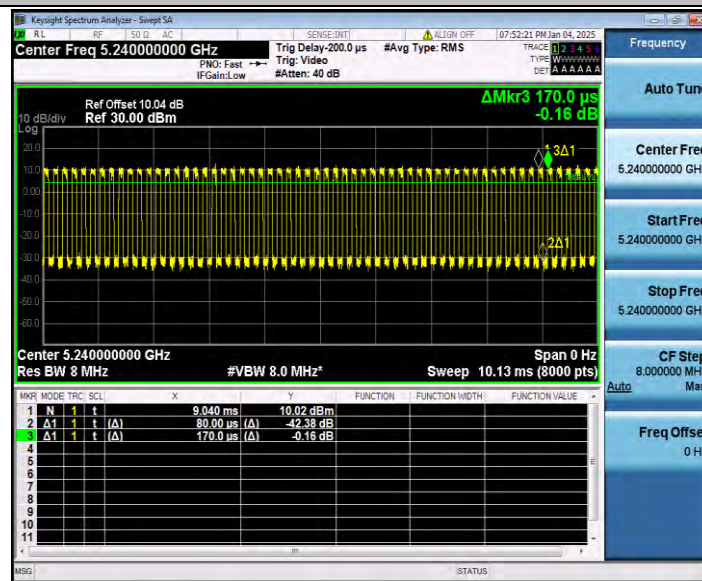
11N20SISO_Ant0_5180



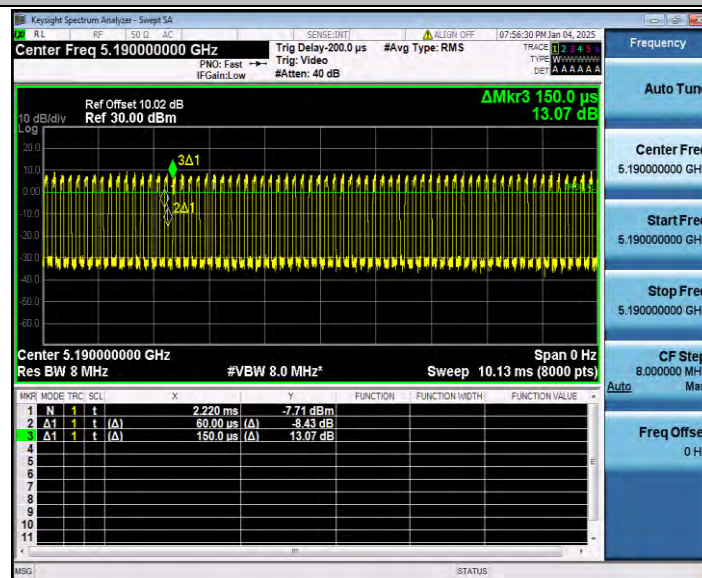
11N20SISO_Ant0_5200



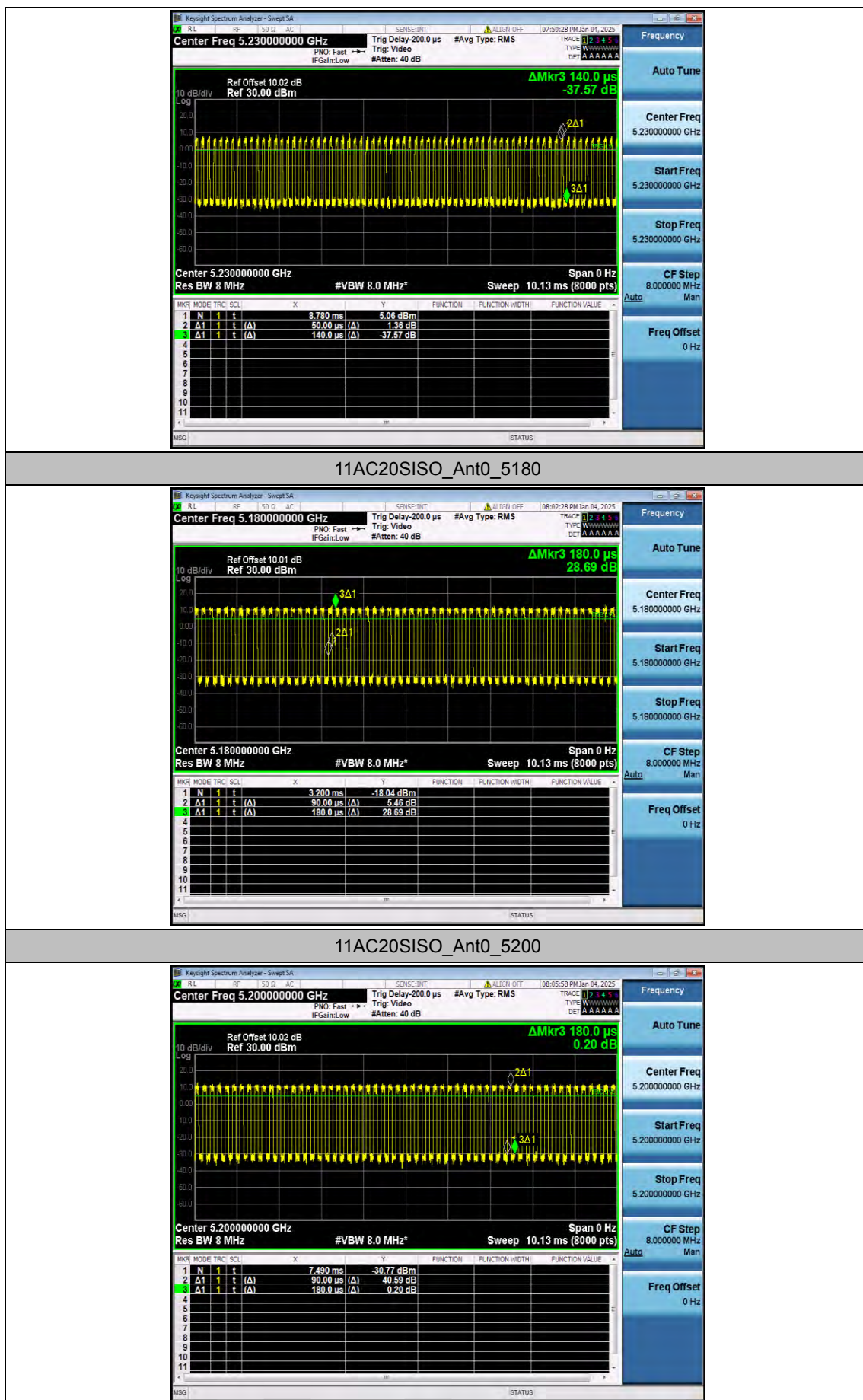
11N20SISO_Ant0_5240

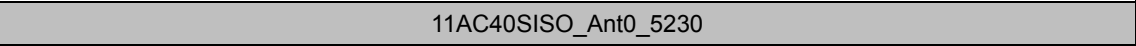
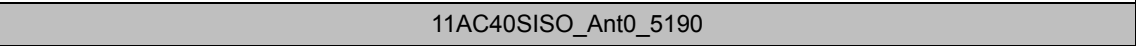


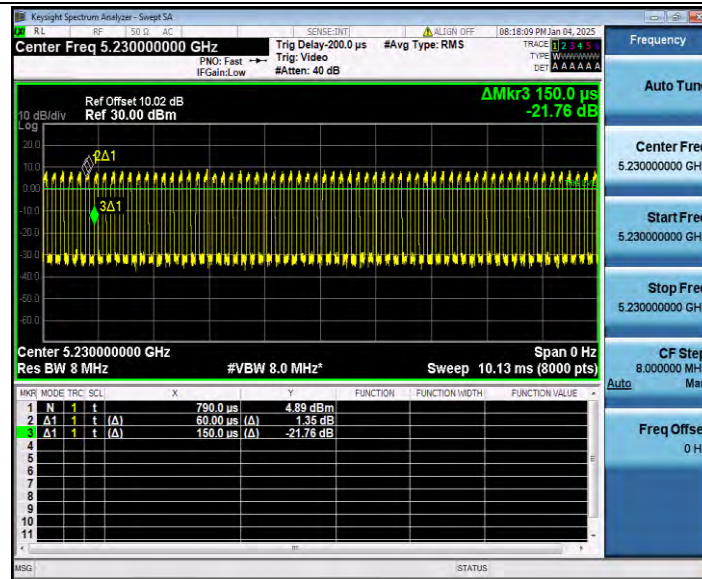
11N40SISO_Ant0_5190



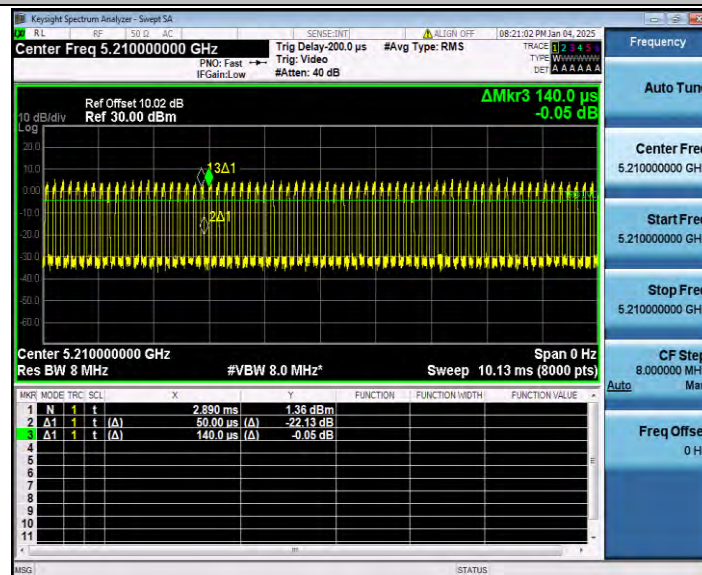
11N40SISO_Ant0_5230



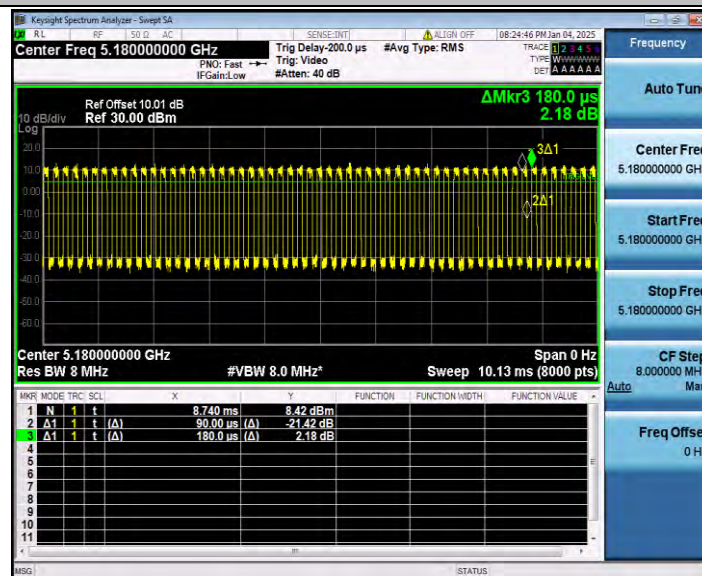


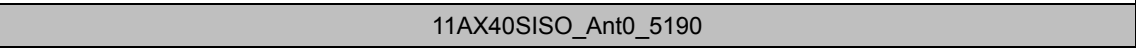
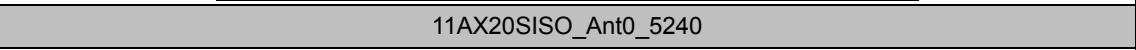


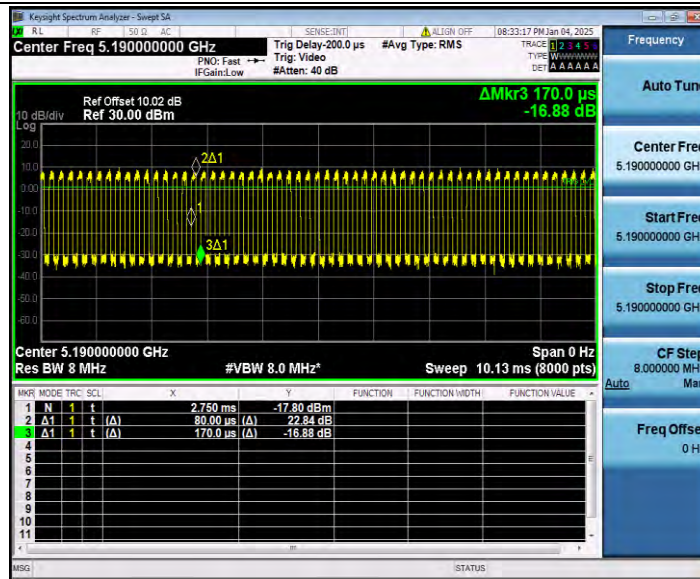
11AC80SISO_Ant0_5210



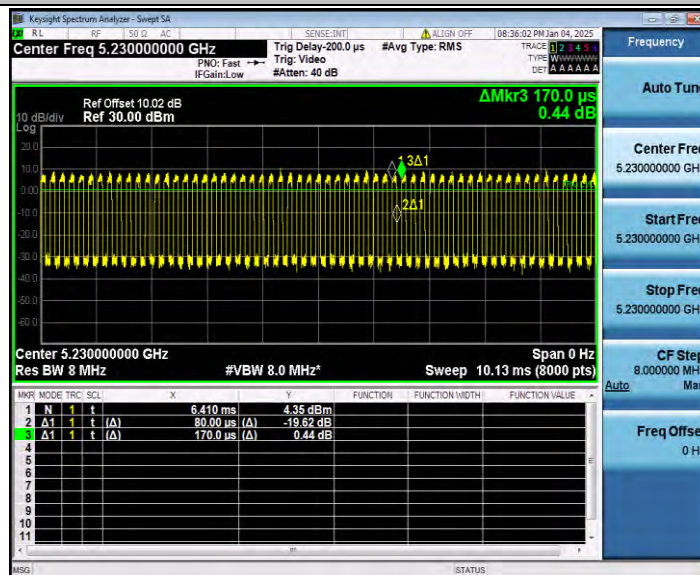
11AX20SISO_Ant0_5180







11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

