

Case No. : <u>GTS20240604012-1-04</u>	
Ambient Condition: <u>23</u> °C, <u>50</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2024.12.31</u>	Test Engineer: <u>Evan ouyang</u>

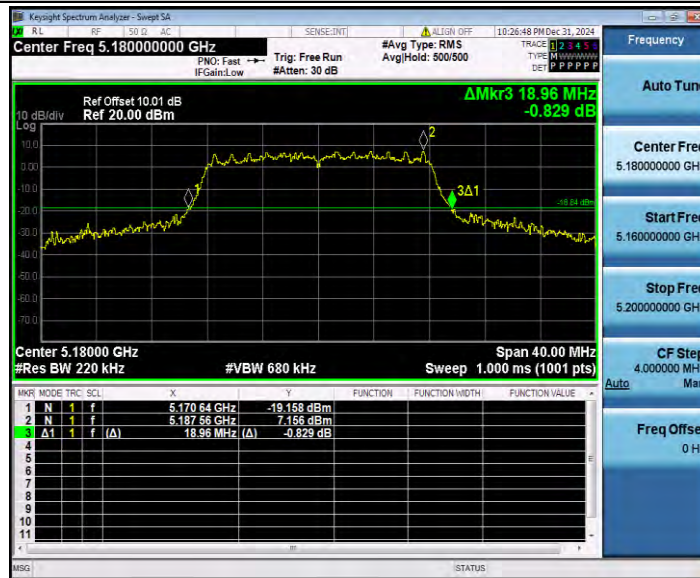
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.960	5170.640	5189.600	---	---
		5200	18.840	5190.720	5209.560	---	---
		5240	19.360	5230.240	5249.600	---	---
11N20SISO	Ant1	5180	19.480	5170.200	5189.680	---	---
		5200	19.160	5190.400	5209.560	---	---
		5240	19.440	5230.400	5249.840	---	---
11N40SISO	Ant1	5190	40.400	5170.080	5210.480	---	---
		5230	73.360	5192.720	5266.080	---	---
11AC20SISO	Ant1	5180	19.520	5170.240	5189.760	---	---
		5200	19.360	5190.360	5209.720	---	---
		5240	19.520	5230.320	5249.840	---	---
11AC40SISO	Ant1	5190	38.880	5170.720	5209.600	---	---
		5230	38.960	5210.720	5249.680	---	---
11AC80SISO	Ant1	5210	81.120	5170.320	5251.440	---	---
11AX20SISO	Ant1	5180	19.880	5170.080	5189.960	---	---
		5200	19.920	5190.080	5210.000	---	---
		5240	19.800	5230.080	5249.880	---	---
11AX40SISO	Ant1	5190	39.040	5170.480	5209.520	---	---
		5230	39.120	5210.480	5249.600	---	---
11AX80SISO	Ant1	5210	82.880	5169.200	5252.080	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



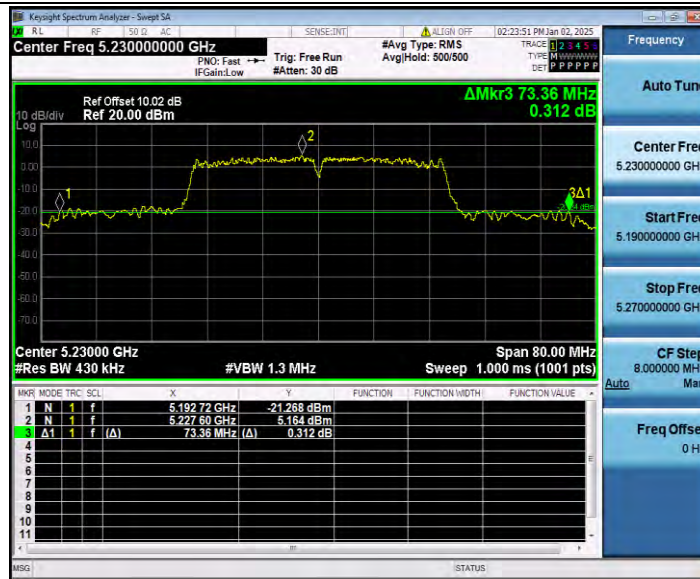
11N20SISO_Ant1_5240



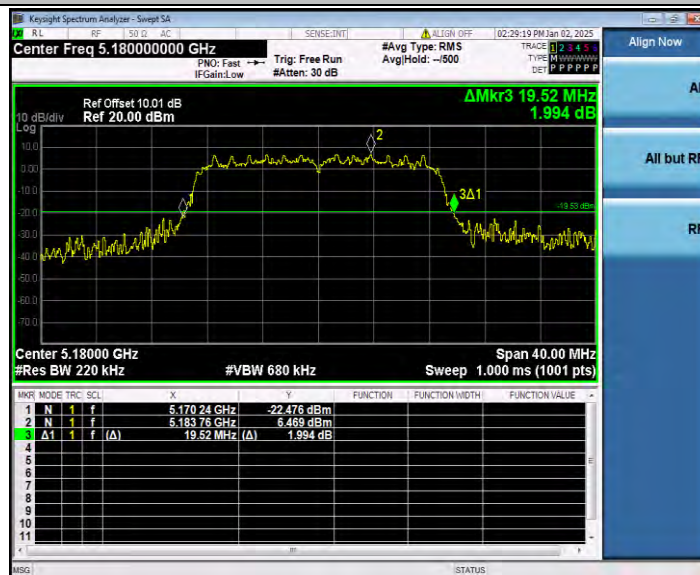
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



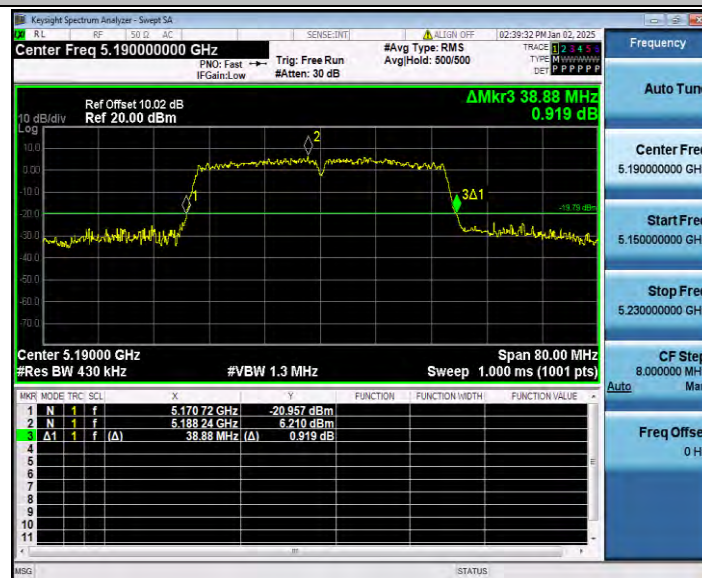
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11AC20SISO_Ant1_5240



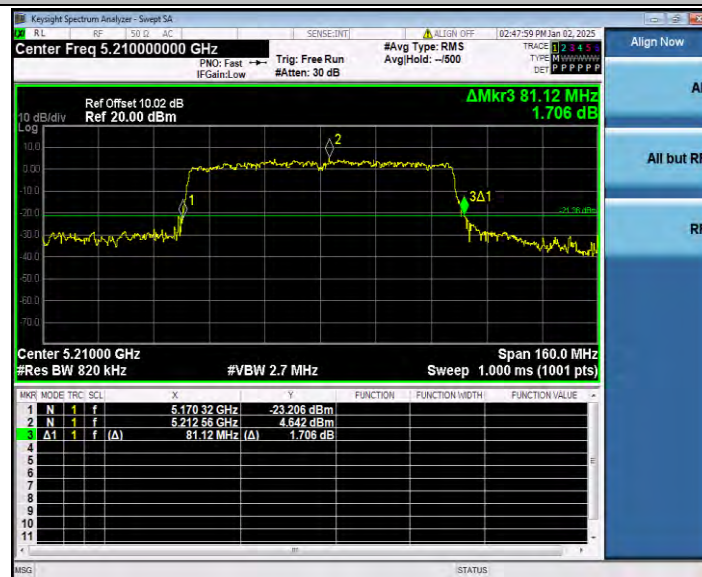
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11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



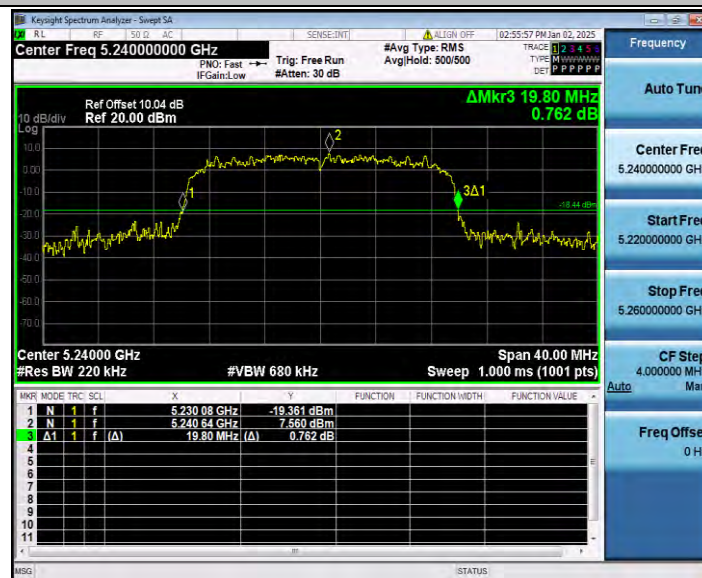
11AX20SISO_Ant1_5180



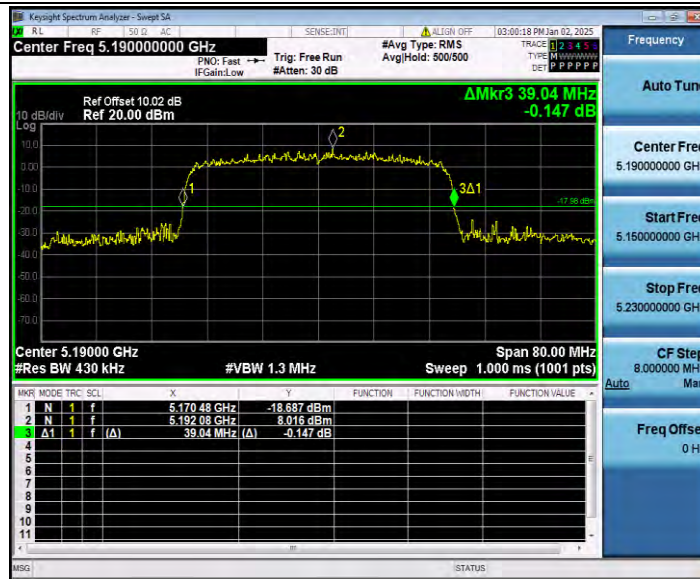
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

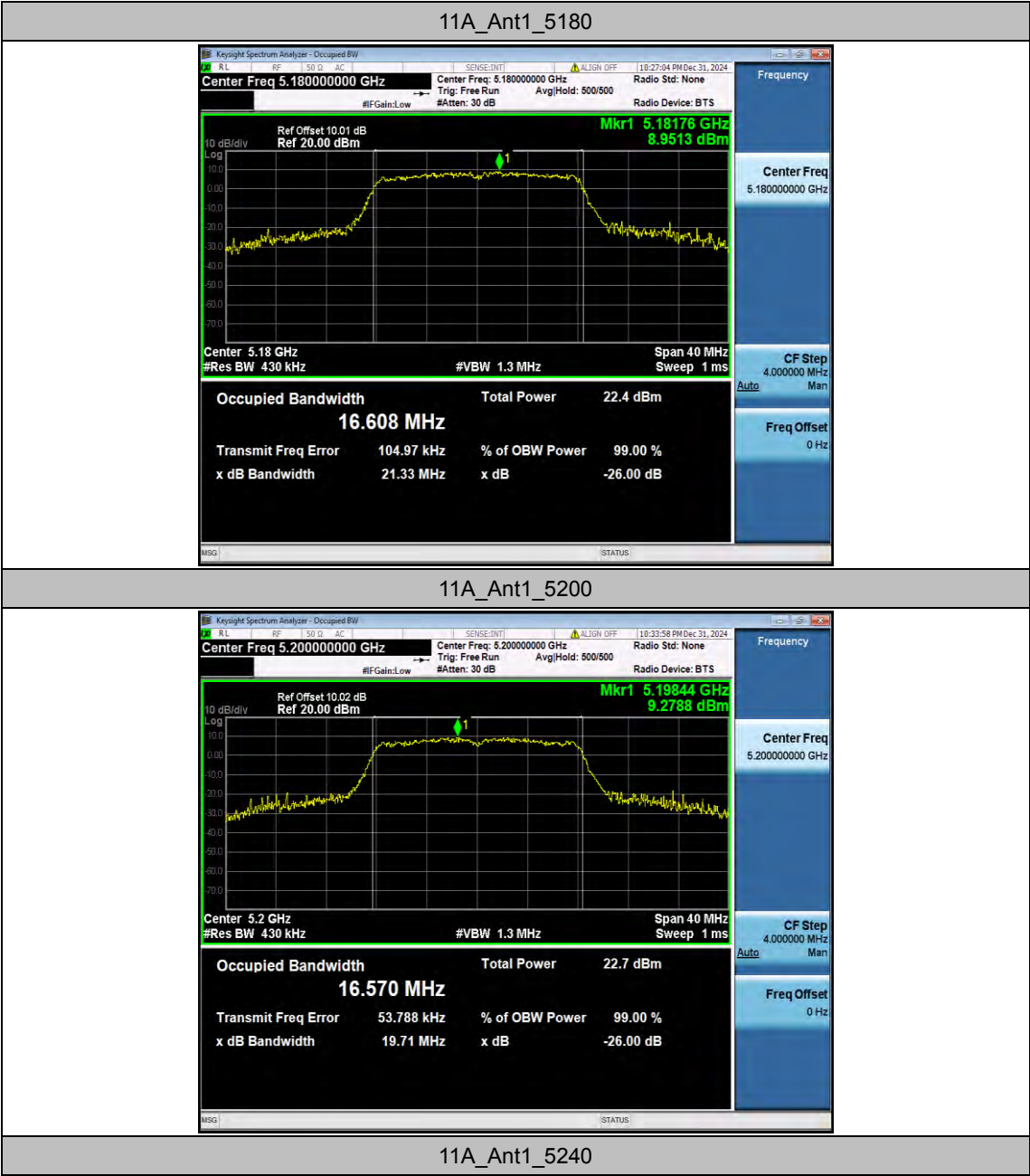


Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.608	5171.8010	5188.4090	---	---
		5200	16.570	5191.7688	5208.3388	---	---
		5240	16.556	5231.8116	5248.3676	---	---
11N20SISO	Ant1	5180	17.523	5171.3107	5188.8337	---	---
		5200	17.500	5191.2802	5208.7802	---	---
		5240	17.528	5231.2753	5248.8033	---	---
11N40SISO	Ant1	5190	36.433	5171.9048	5208.3378	---	---
		5230	36.932	5211.5215	5248.4535	---	---
11AC20SISO	Ant1	5180	17.491	5171.2724	5188.7634	---	---
		5200	17.471	5191.2922	5208.7632	---	---
		5240	17.521	5231.2633	5248.7843	---	---
11AC40SISO	Ant1	5190	35.793	5172.2388	5208.0318	---	---
		5230	35.792	5212.2453	5248.0373	---	---
11AC80SISO	Ant1	5210	75.599	5172.6041	5248.2031	---	---
11AX20SISO	Ant1	5180	18.371	5170.8448	5189.2158	---	---
		5200	18.367	5190.8542	5209.2212	---	---
		5240	18.304	5230.8862	5249.1902	---	---
11AX40SISO	Ant1	5190	36.464	5171.8608	5208.3248	---	---
		5230	36.693	5211.6618	5248.3548	---	---
11AX80SISO	Ant1	5210	77.012	5171.8238	5248.8358	---	---

Test Graphs





11N20SISO_Ant1_5180



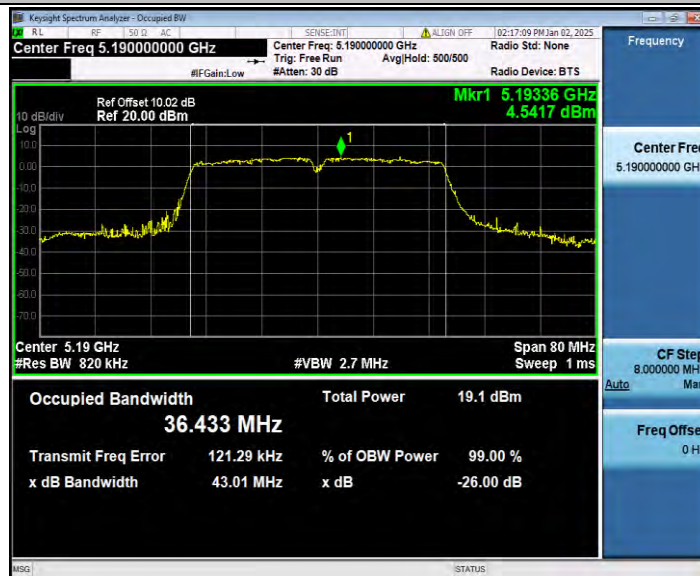
11N20SISO_Ant1_5200



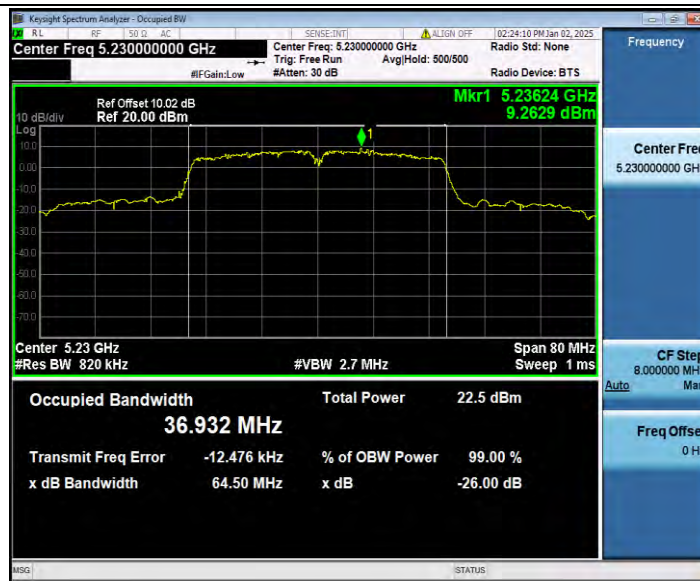
11N20SISO_Ant1_5240



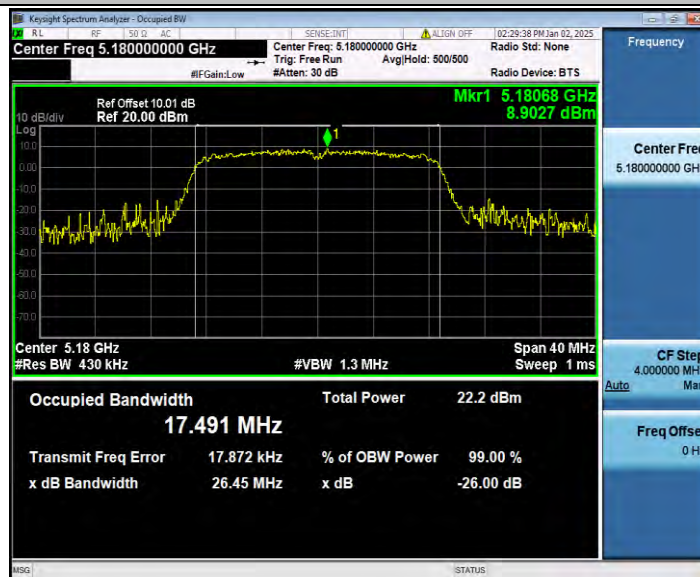
11N40SISO_Ant1_5190



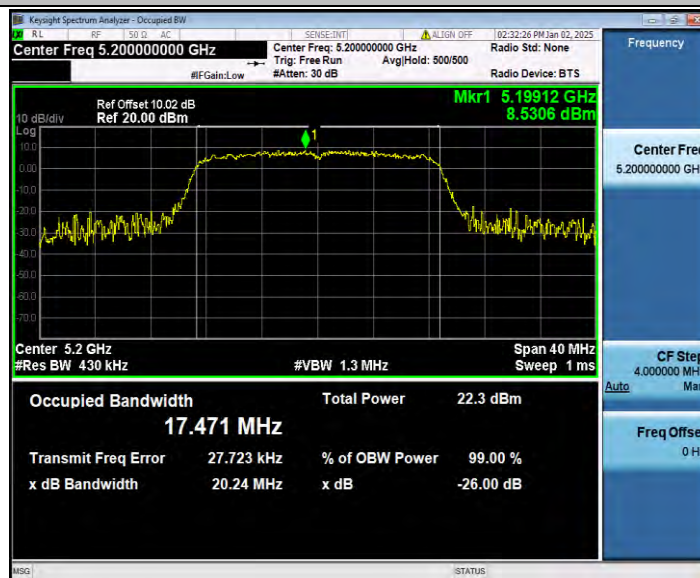
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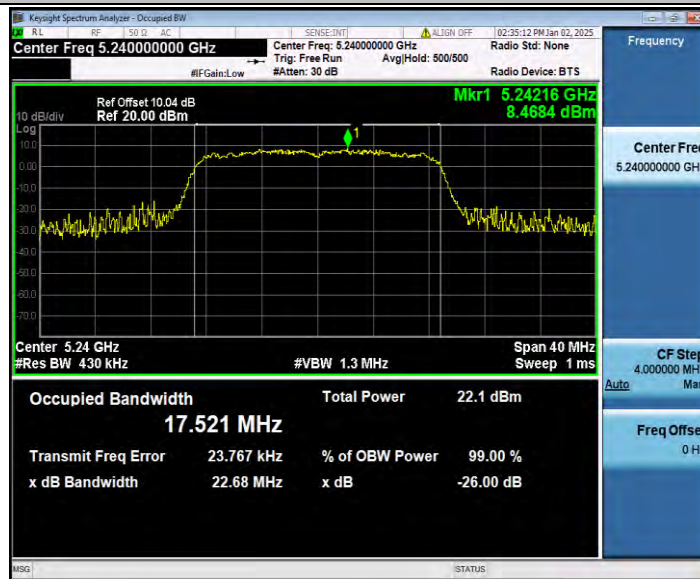
11AC20SISO_Ant1_5180



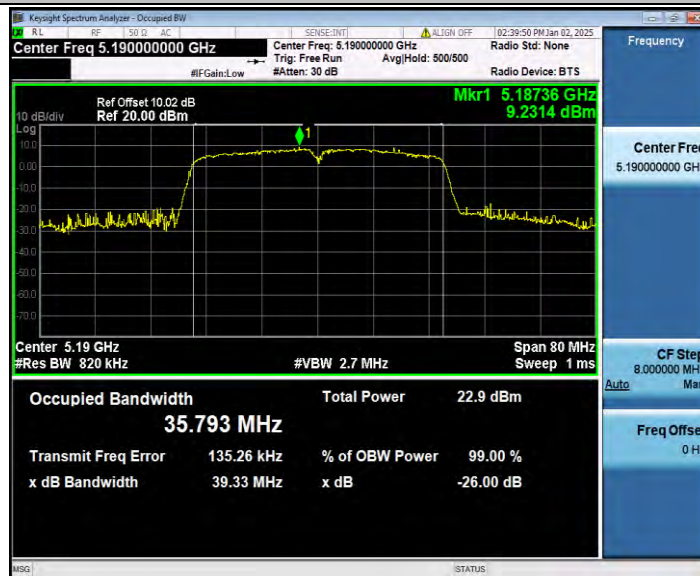
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



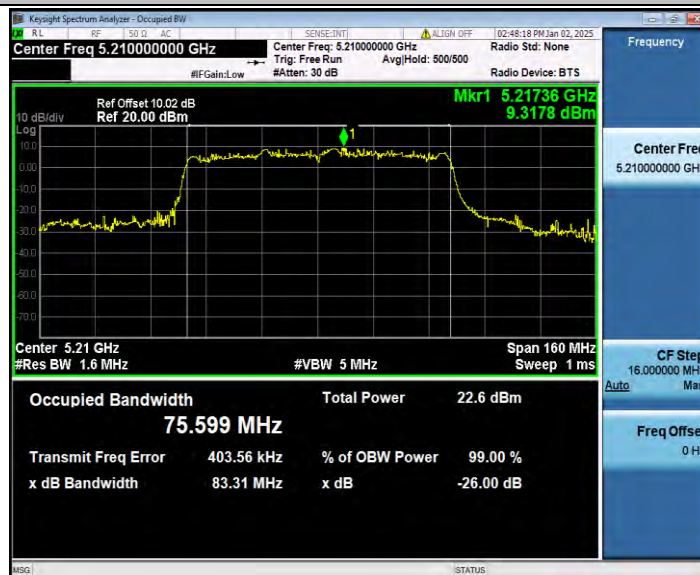
11AC40SISO_Ant1_5190



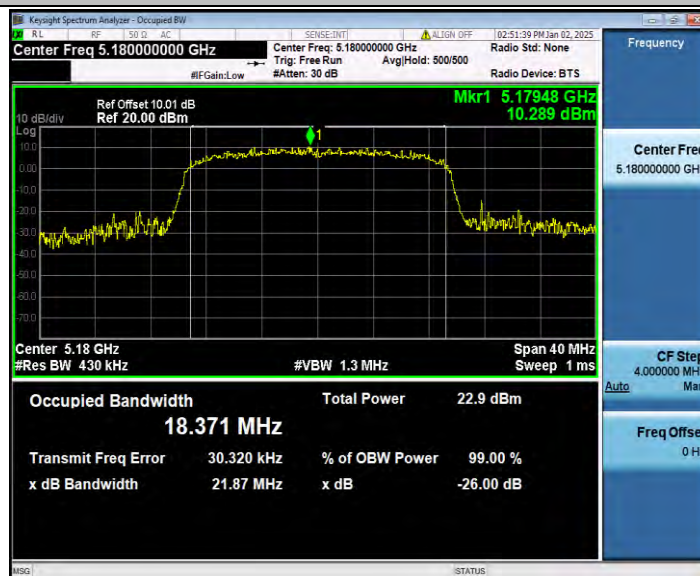
11AC40SISO_Ant1_5230



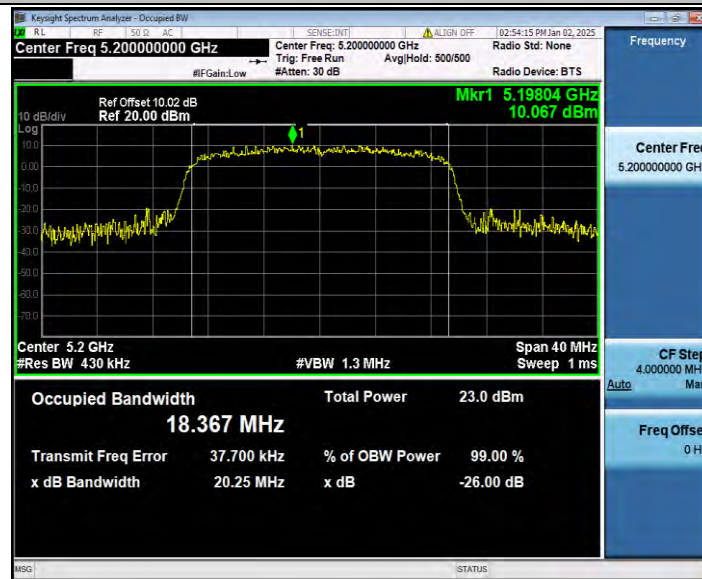
11AC80SISO_Ant1_5210



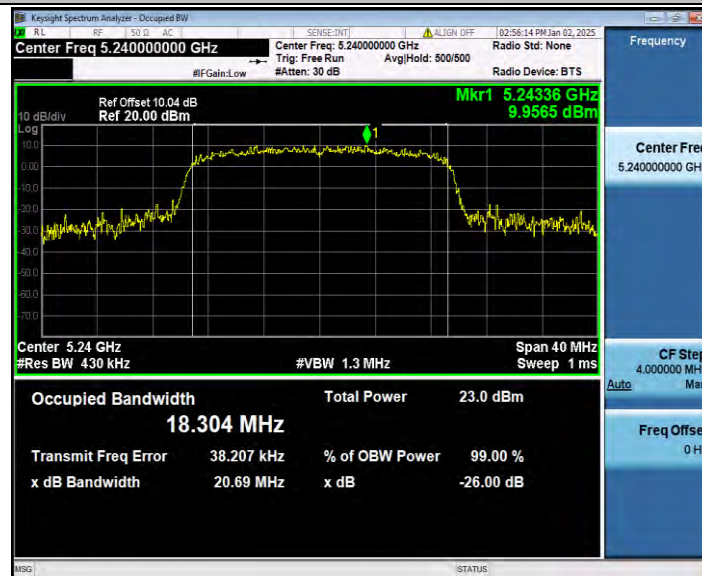
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



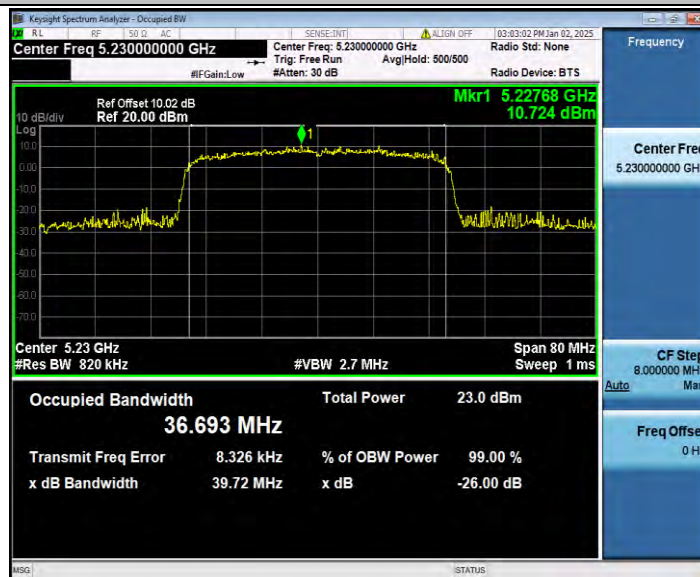
11AX20SISO_Ant1_5240



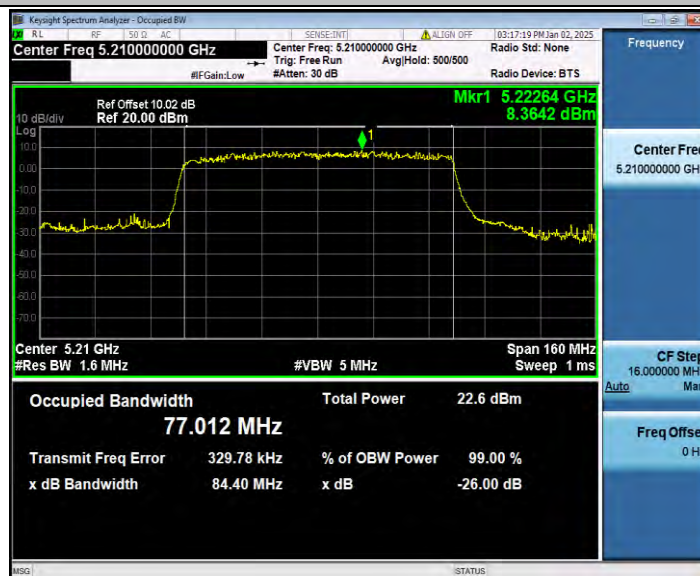
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

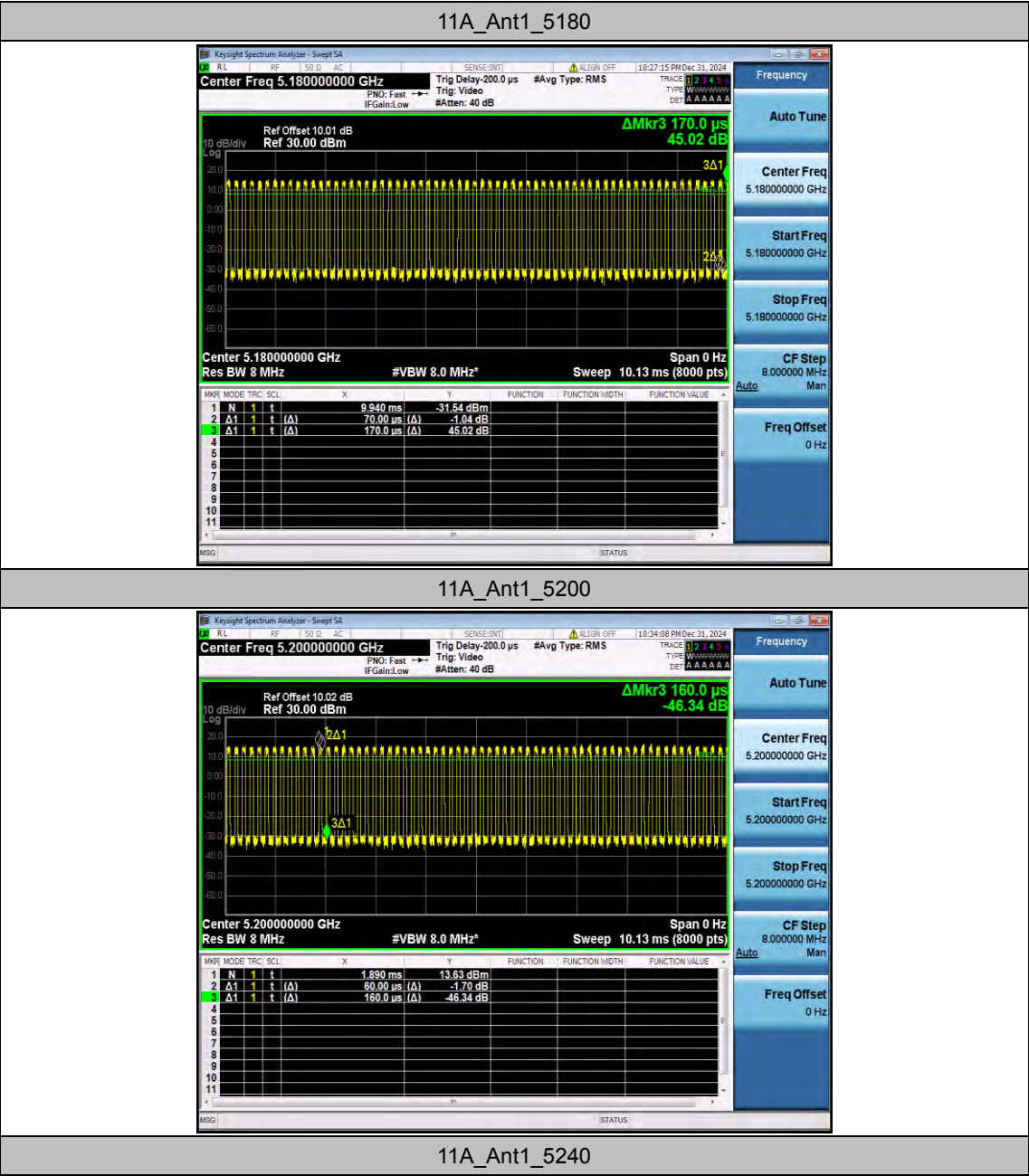


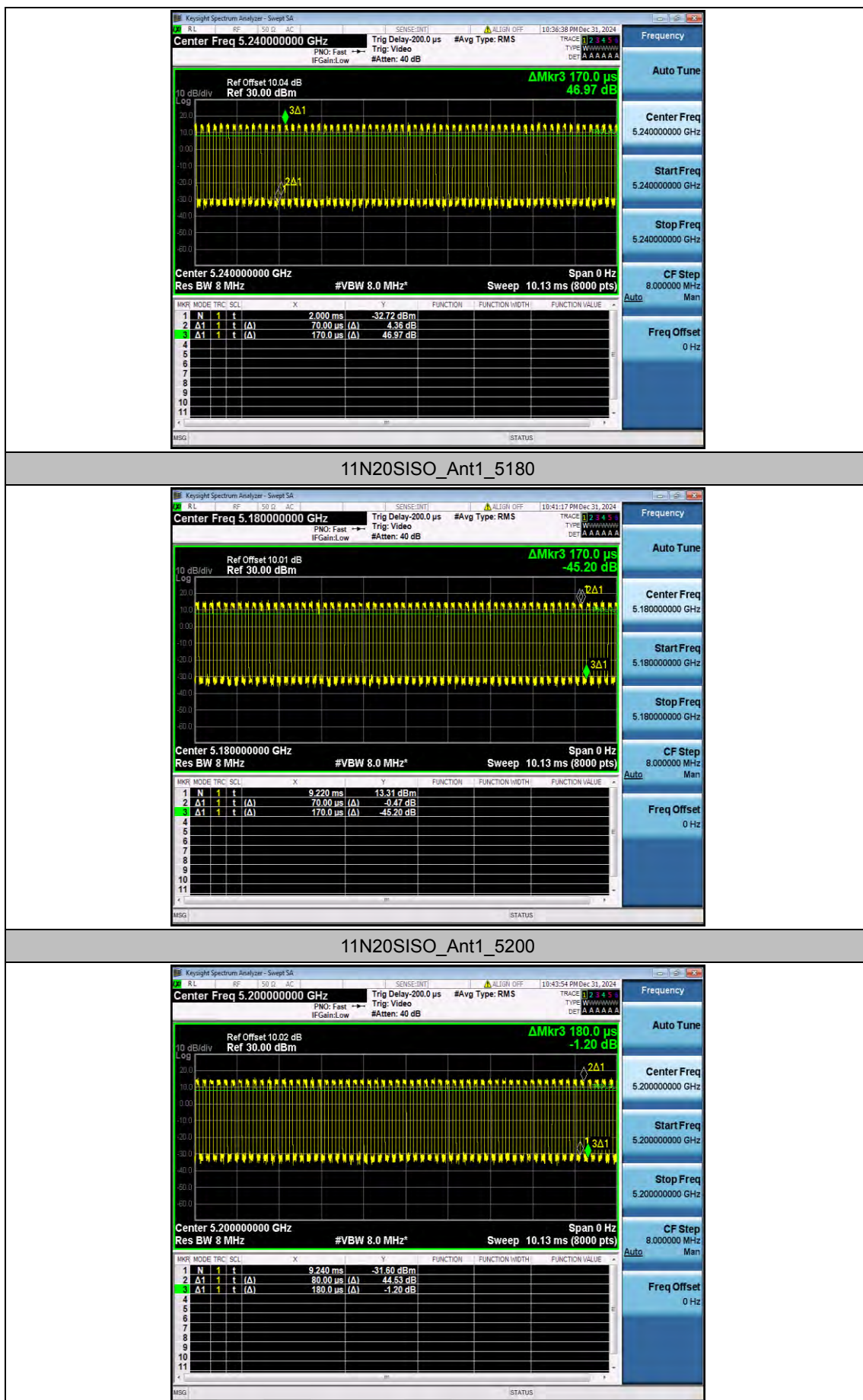
Appendix D.3: Duty Cycle

Test Result

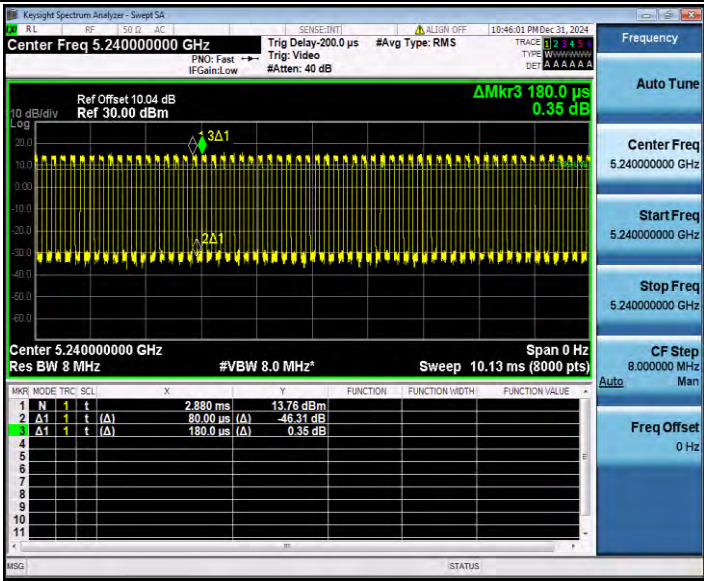
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	0.07	0.17	41.18	3.85	14.29
		5200	0.06	0.16	37.50	4.26	16.67
		5240	0.07	0.17	41.18	3.85	14.29
11N20SISO	Ant1	5180	0.07	0.17	41.18	3.85	14.29
		5200	0.08	0.18	44.44	3.52	12.50
		5240	0.08	0.18	44.44	3.52	12.50
11N40SISO	Ant1	5190	0.06	0.16	37.50	4.26	16.67
		5230	0.06	0.15	40.00	3.98	16.67
11AC20SISO	Ant1	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
11AC40SISO	Ant1	5190	0.07	0.16	43.75	3.59	14.29
		5230	0.07	0.16	43.75	3.59	14.29
11AC80SISO	Ant1	5210	0.06	0.15	40.00	3.98	16.67
11AX20SISO	Ant1	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	Ant1	5190	0.09	0.18	50.00	3.01	11.11
		5230	0.08	0.17	47.06	3.27	12.50
11AX80SISO	Ant1	5210	0.07	0.16	43.75	3.59	14.29

Test Graphs

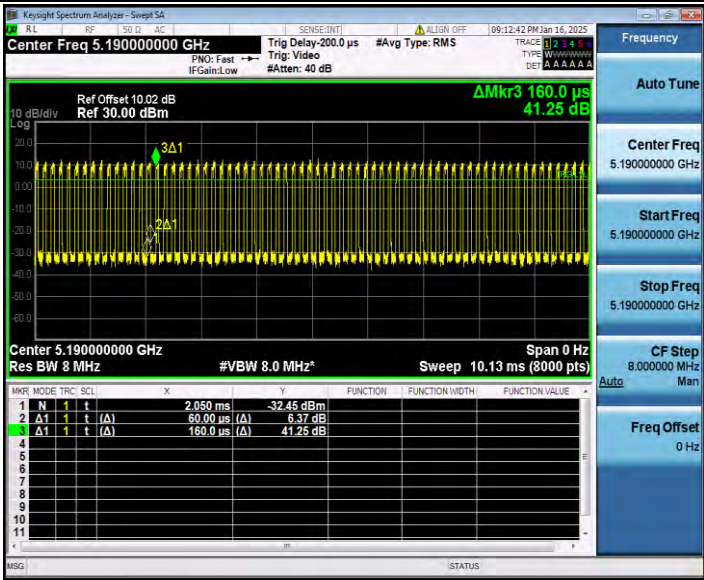




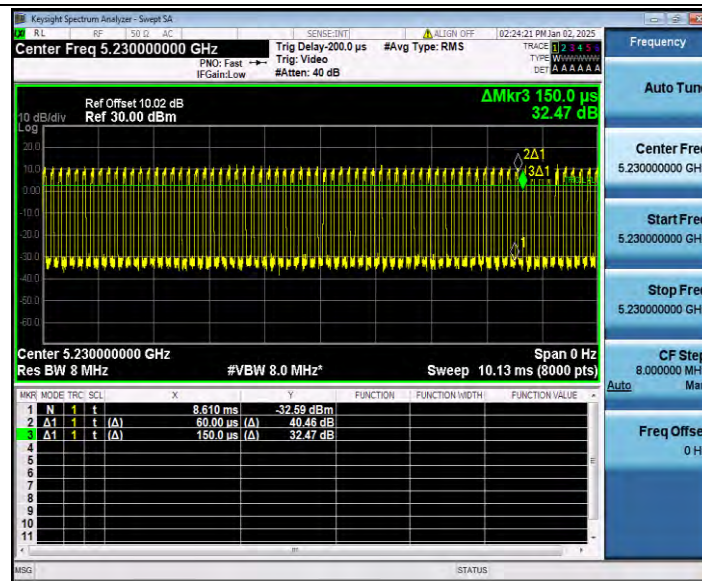
11N20SISO_Ant1_5240



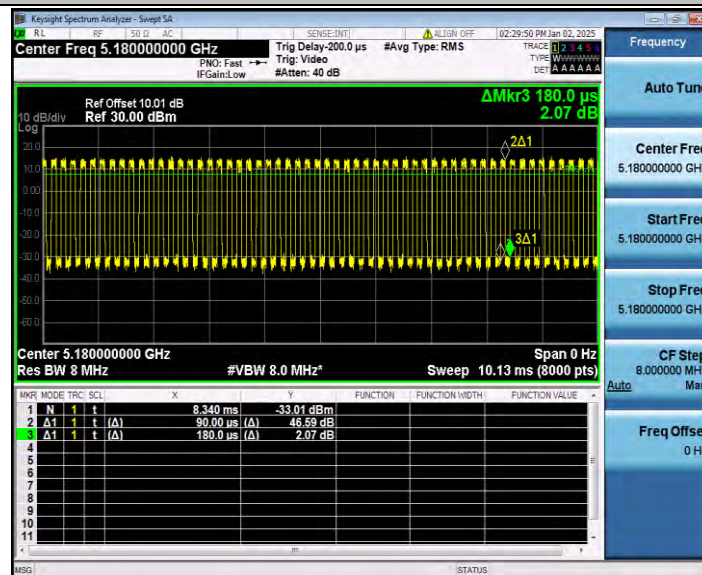
11N40SISO_Ant1_5190



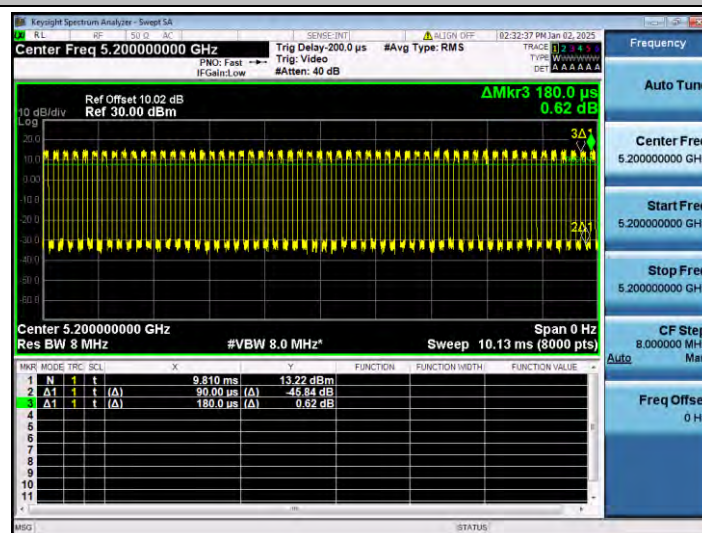
11N40SISO_Ant1_5230



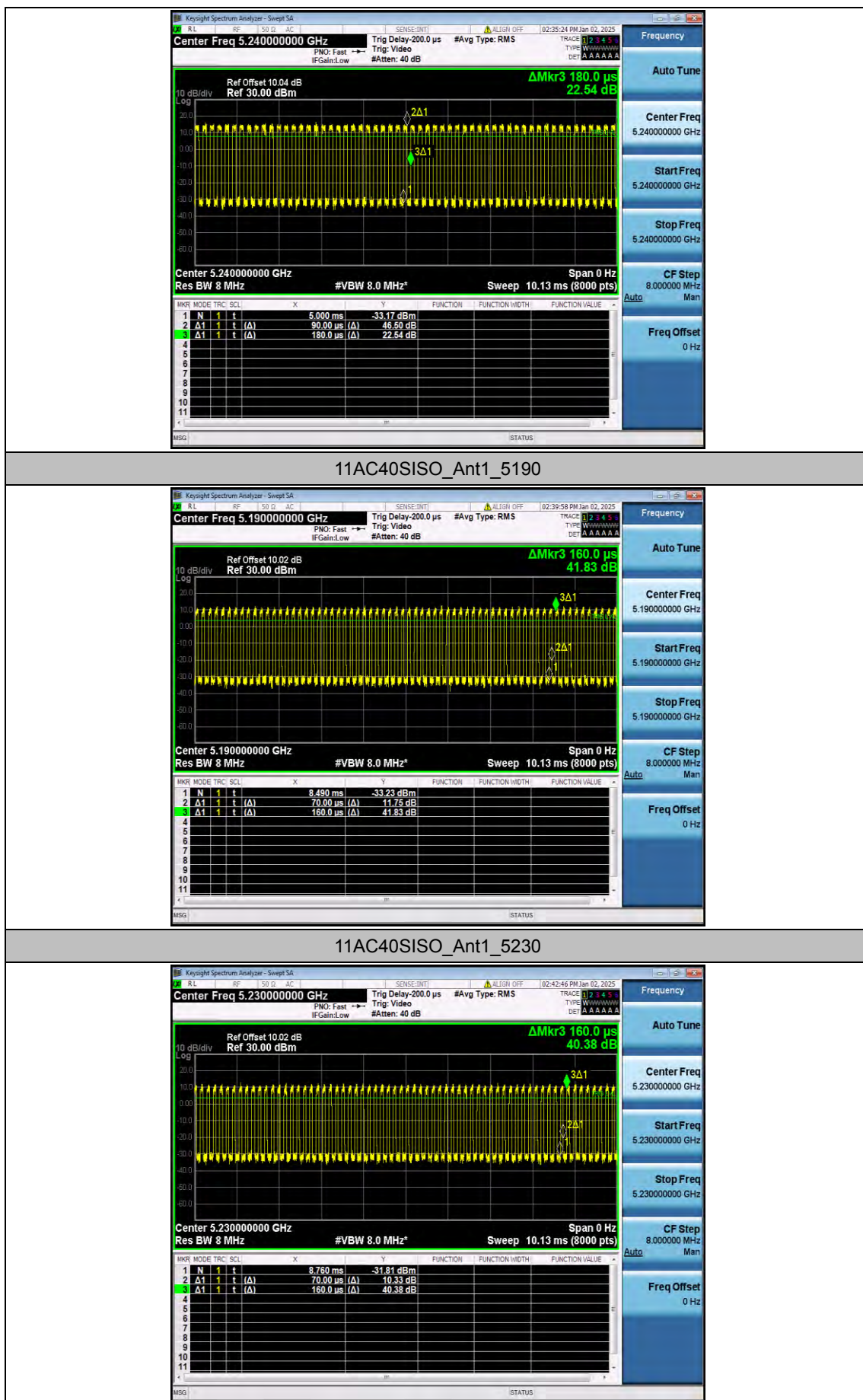
11AC20SISO_Ant1_5180



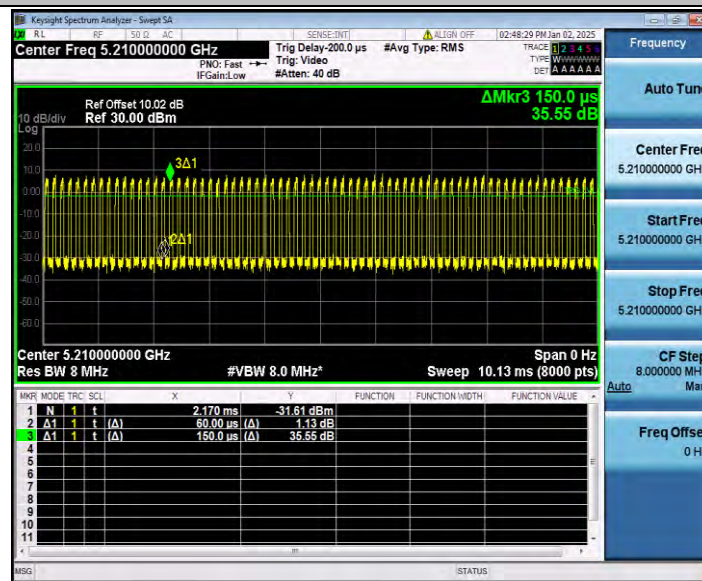
11AC20SISO_Ant1_5200



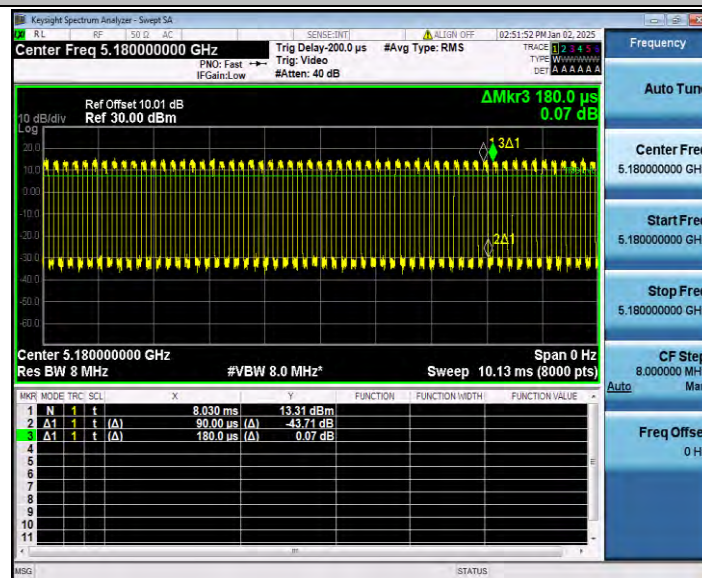
11AC20SISO_Ant1_5240



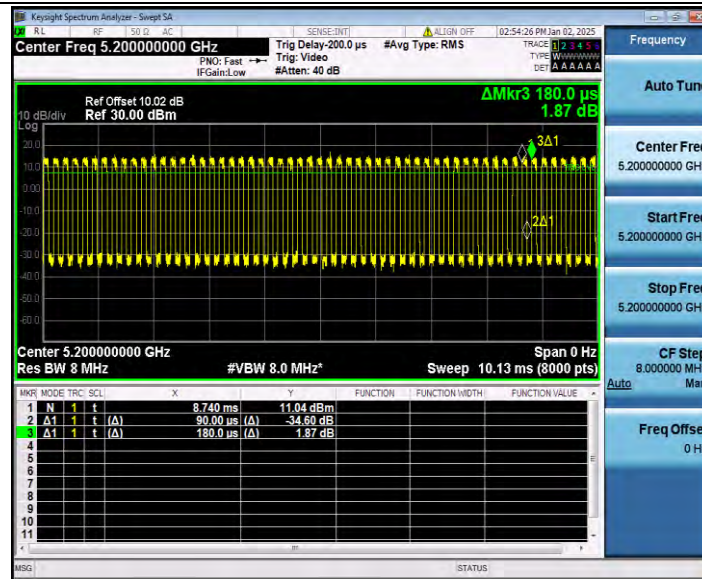
11AC80SISO_Ant1_5210



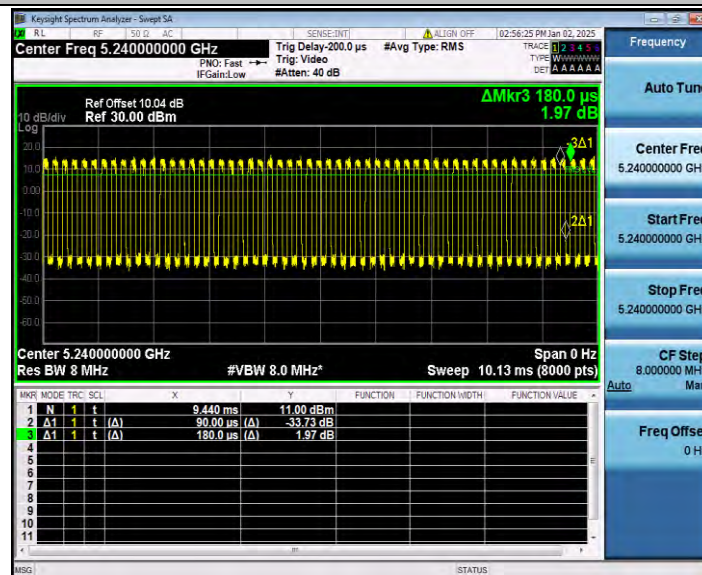
11AX20SISO_Ant1_5180



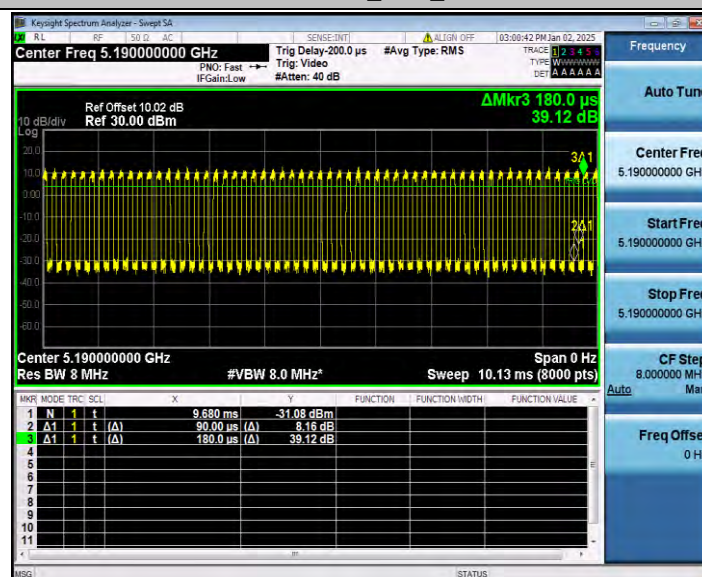
11AX20SISO_Ant1_5200



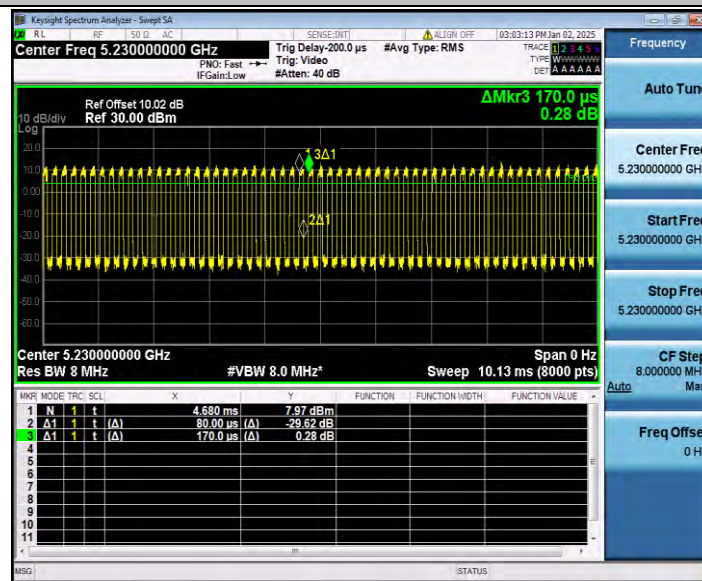
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

