

Case No. : <u>GTS20240604012-1-04</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2025.1.2</u>	Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	19.480	5250.120	5269.600	---	---
		5280	21.960	5268.520	5290.480	---	---
		5320	19.120	5310.560	5329.680	---	---
11N20SISO	Ant1	5260	19.920	5249.680	5269.600	---	---
		5280	20.920	5268.720	5289.640	---	---
		5320	19.560	5310.440	5330.000	---	---
11N40SISO	Ant1	5270	73.760	5232.640	5306.400	---	---
		5310	74.720	5272.880	5347.600	---	---
11AC20SISO	Ant1	5260	21.360	5250.280	5271.640	---	---
		5280	22.200	5270.240	5292.440	---	---
		5320	20.200	5310.440	5330.640	---	---
11AC40SISO	Ant1	5270	43.200	5250.720	5293.920	---	---
		5310	43.360	5290.720	5334.080	---	---
11AC80SISO	Ant1	5290	81.760	5249.840	5331.600	---	---
11AX20SISO	Ant1	5260	19.960	5250.080	5270.040	---	---
		5280	19.720	5270.120	5289.840	---	---
		5320	19.920	5310.080	5330.000	---	---
11AX40SISO	Ant1	5270	39.280	5250.320	5289.600	---	---
		5310	39.120	5290.480	5329.600	---	---
11AX80SISO	Ant1	5290	82.720	5249.360	5332.080	---	---

Test Graphs

11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



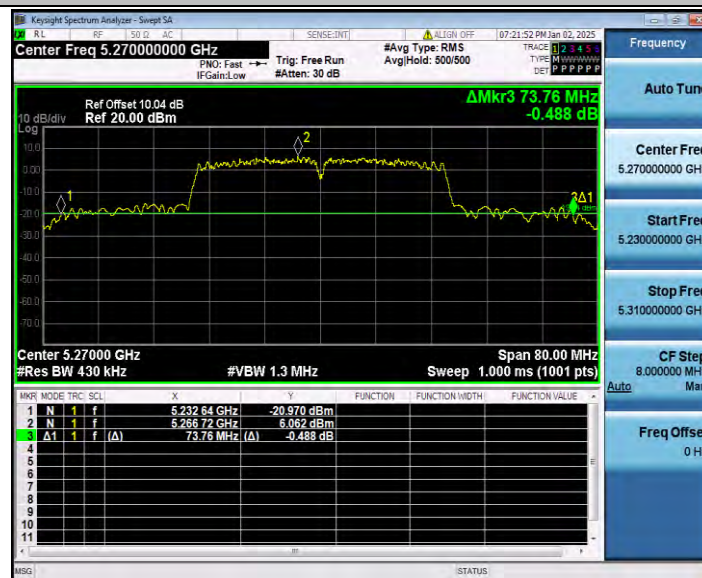
11N20SISO_Ant1_5280



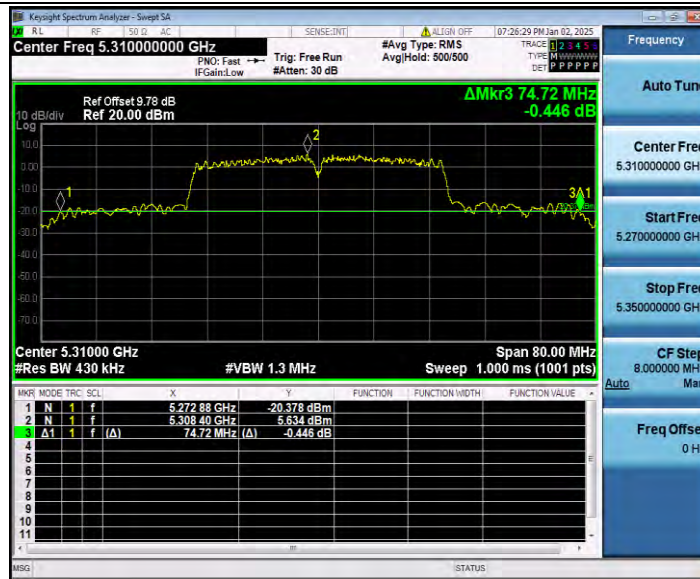
11N20SISO_Ant1_5320



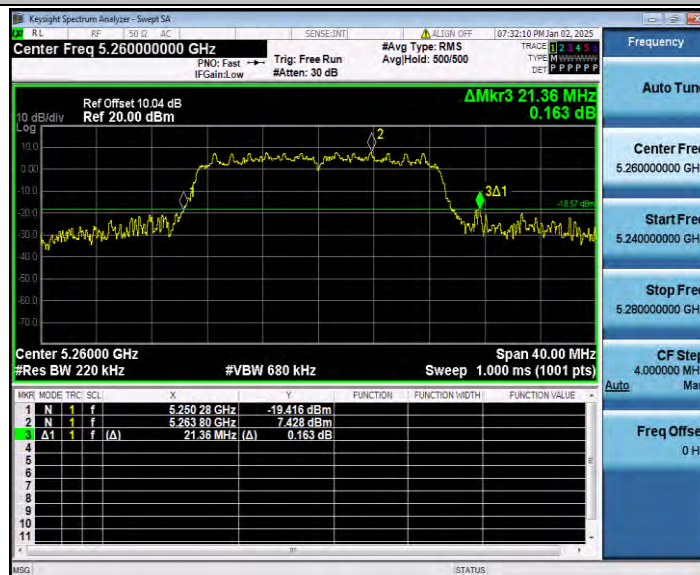
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



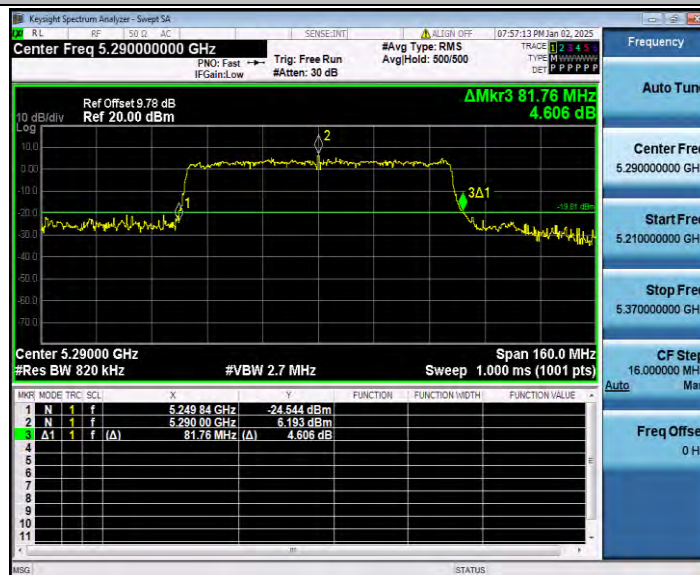
11AC40SISO_Ant1_5270



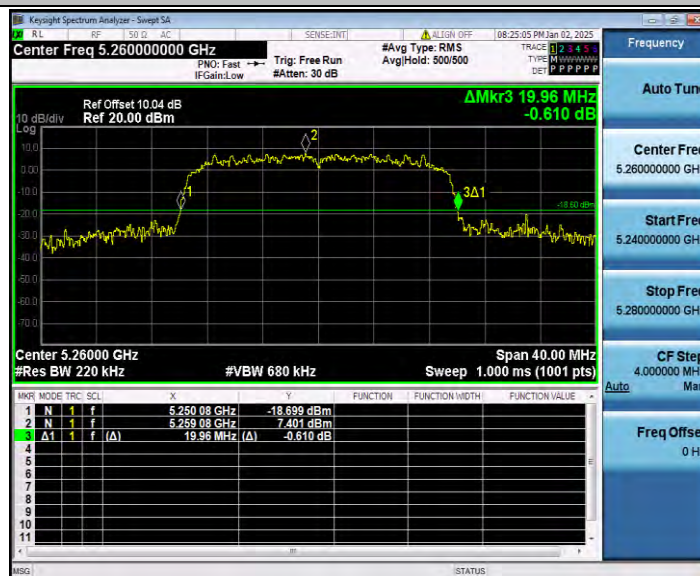
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



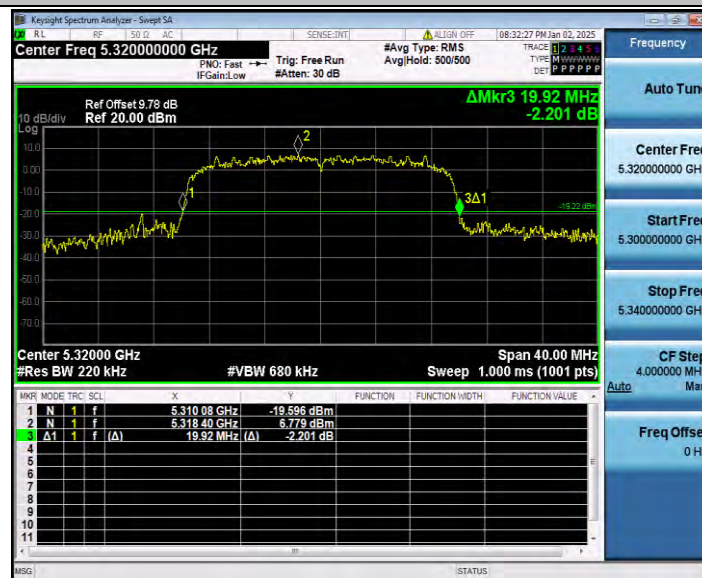
11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



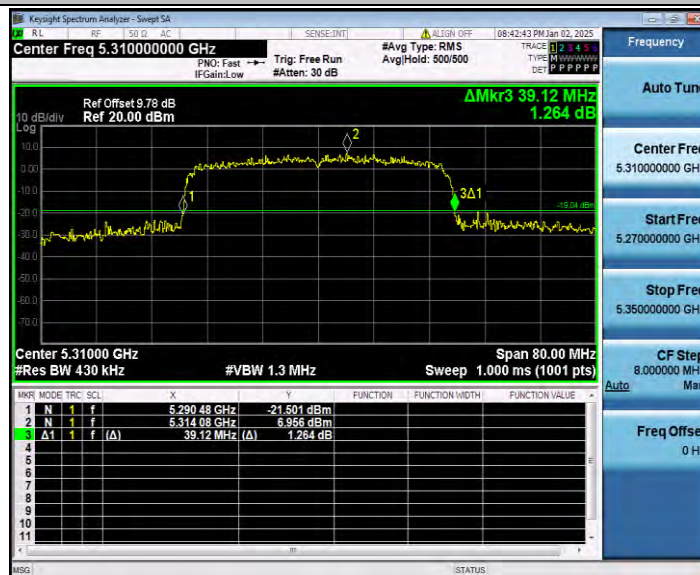
11AX20SISO_Ant1_5320



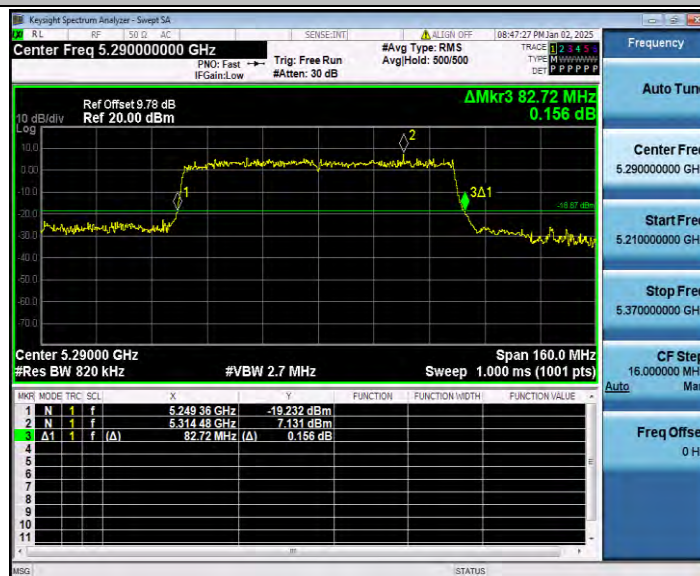
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

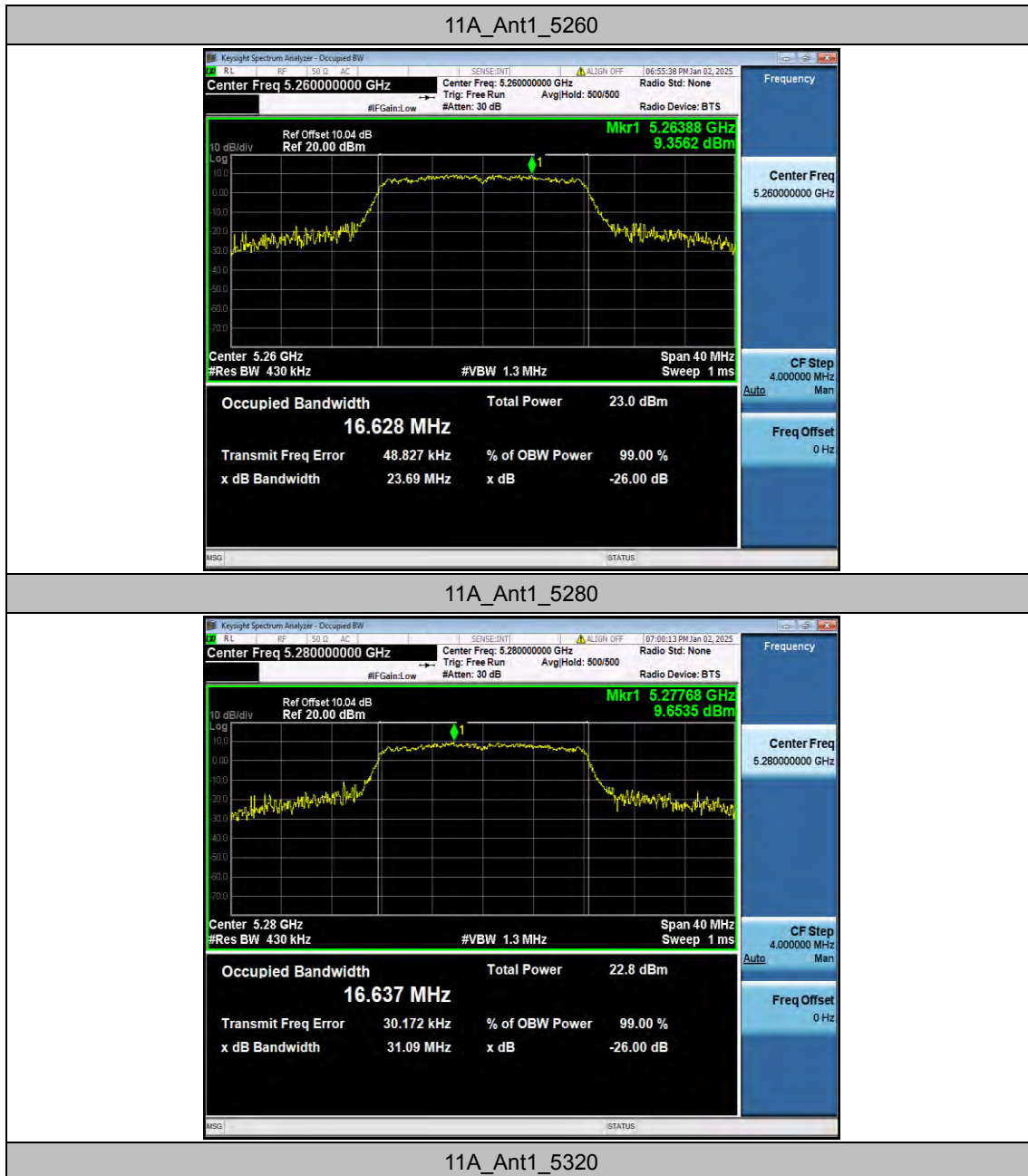


Appendix E.2: Occupied channel bandwidth

Test Result

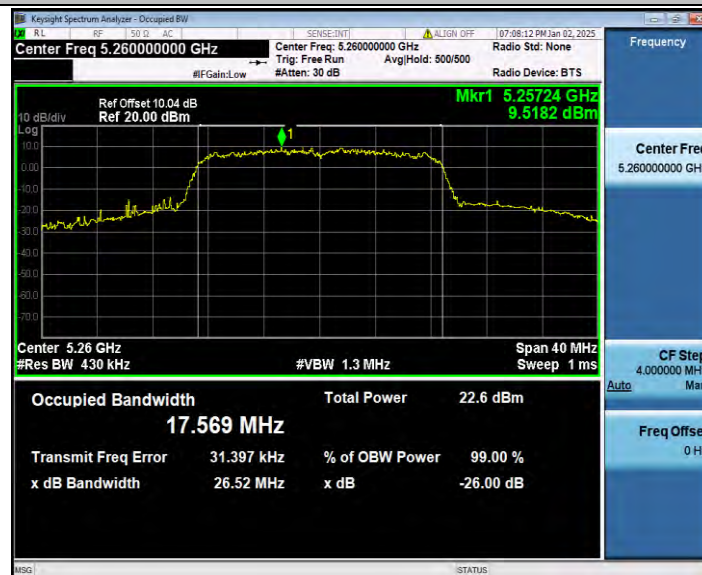
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	16.628	5251.7348	5268.3628	---	---
		5280	16.637	5271.7117	5288.3487	---	---
		5320	16.649	5311.7566	5328.4056	---	---
11N20SISO	Ant1	5260	17.569	5251.2469	5268.8159	---	---
		5280	17.606	5271.2207	5288.8267	---	---
		5320	17.579	5311.2764	5328.8554	---	---
11N40SISO	Ant1	5270	37.604	5250.9237	5288.5277	---	---
		5310	38.768	5291.5433	5330.3113	---	---
11AC20SISO	Ant1	5260	17.549	5251.2612	5268.8102	---	---
		5280	17.542	5271.2405	5288.7825	---	---
		5320	17.505	5311.2787	5328.7837	---	---
11AC40SISO	Ant1	5270	35.929	5252.2034	5288.1324	---	---
		5310	35.992	5292.2672	5328.2592	---	---
11AC80SISO	Ant1	5290	76.152	5252.2901	5328.4421	---	---
11AX20SISO	Ant1	5260	18.305	5250.8772	5269.1822	---	---
		5280	18.369	5270.8564	5289.2254	---	---
		5320	18.326	5310.8786	5329.2046	---	---
11AX40SISO	Ant1	5270	36.662	5251.7321	5288.3941	---	---
		5310	36.828	5291.6742	5328.5022	---	---
11AX80SISO	Ant1	5290	77.682	5251.3927	5329.0747	---	---

Test Graphs





11N20SISO_Ant1_5260



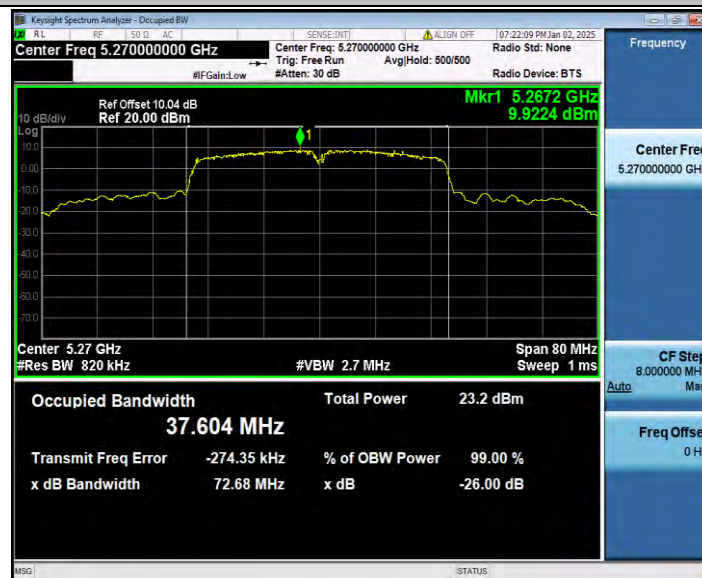
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



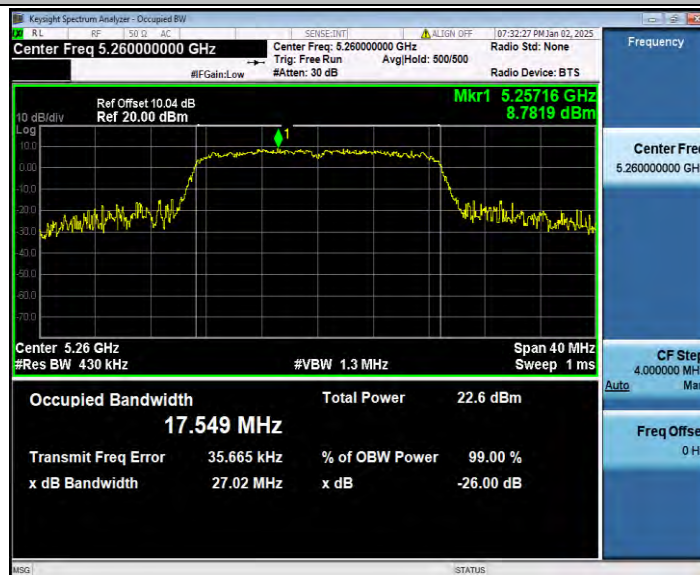
11N40SISO_Ant1_5270



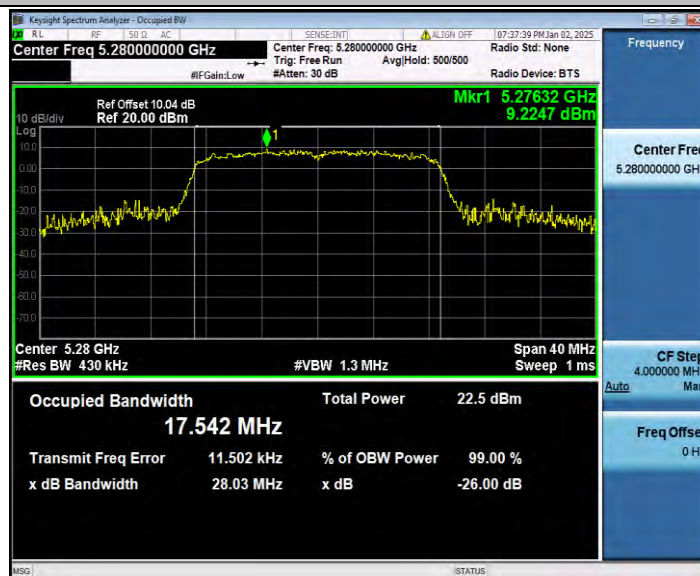
11N40SISO_Ant1_5310



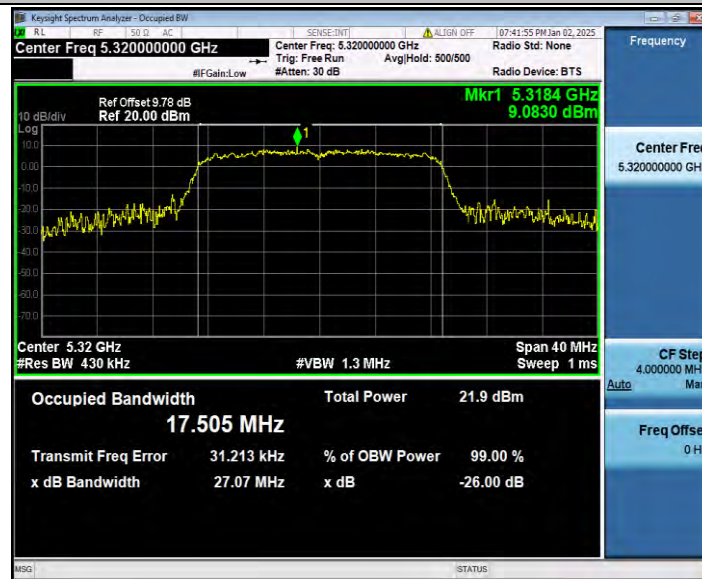
11AC20SISO_Ant1_5260



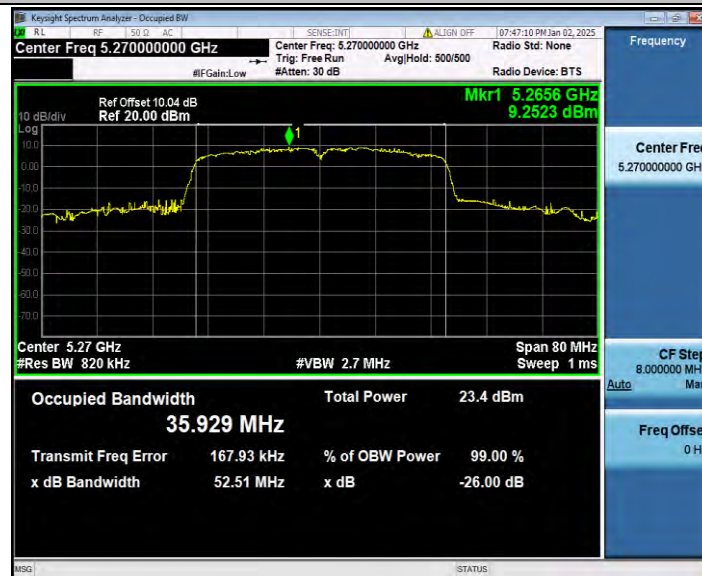
11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



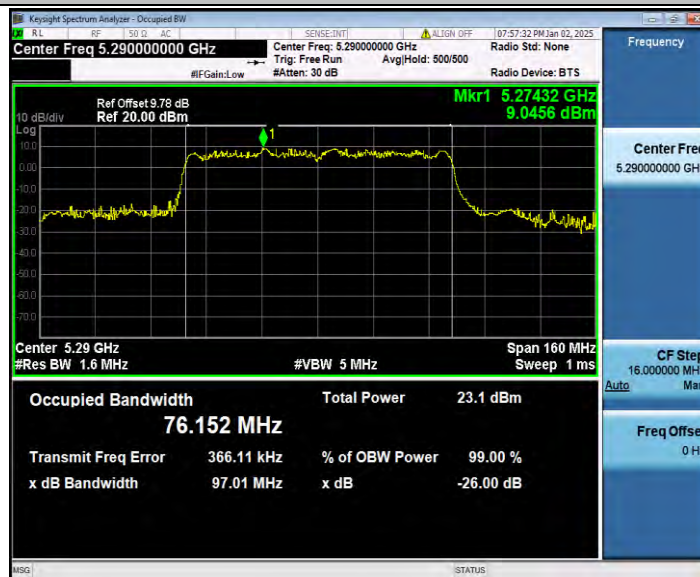
11AC40SISO_Ant1_5270



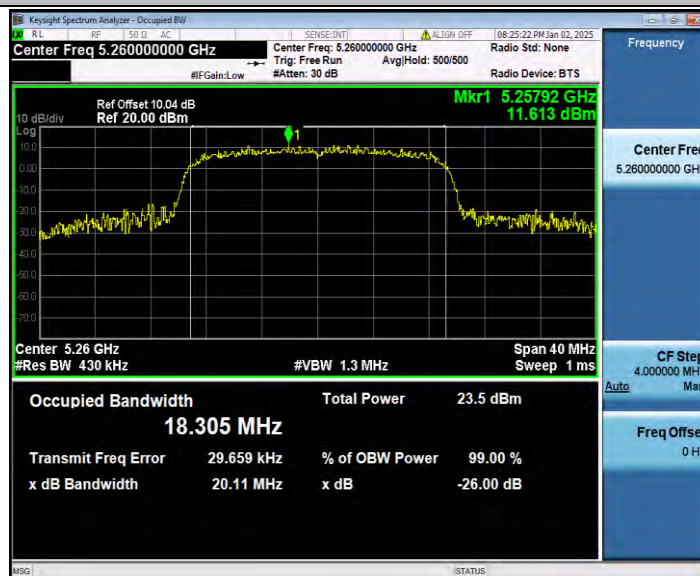
11AC40SISO_Ant1_5310



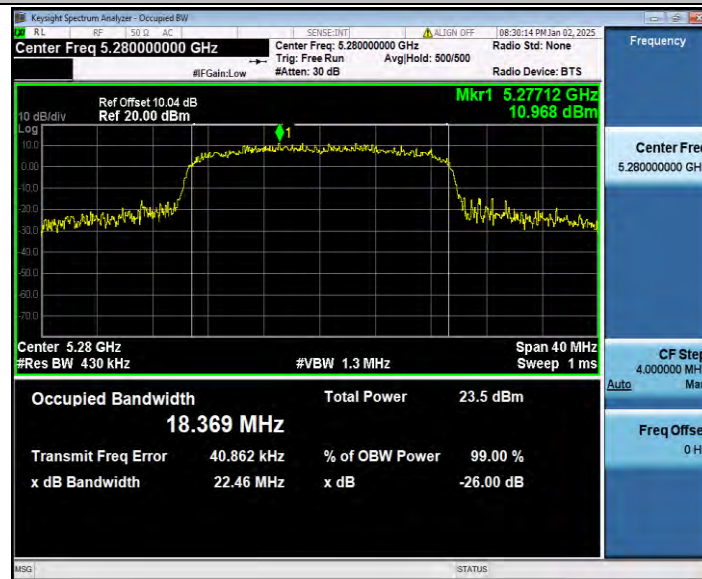
11AC80SISO_Ant1_5290



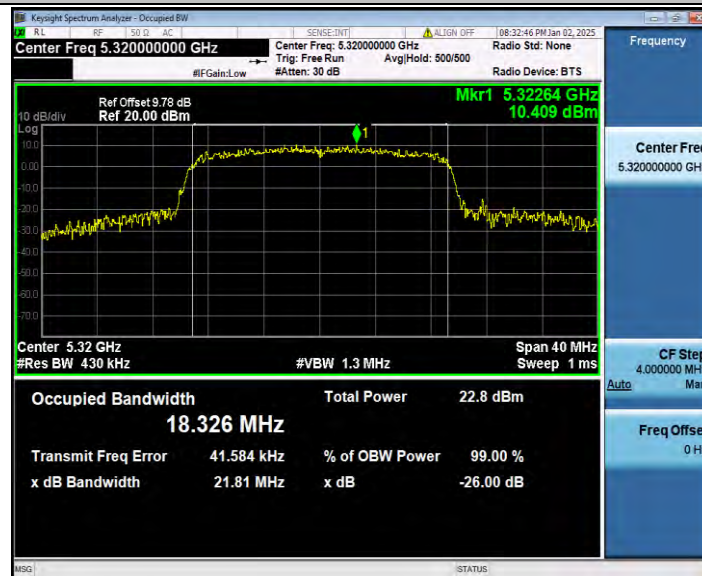
11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



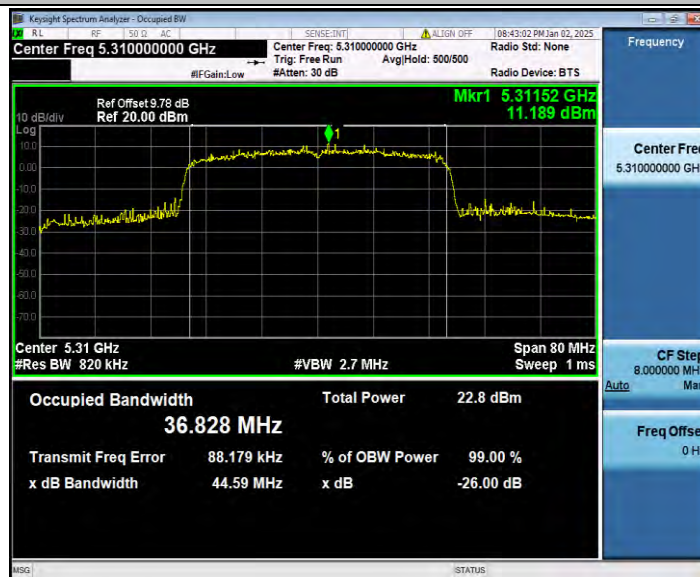
11AX20SISO_Ant1_5320



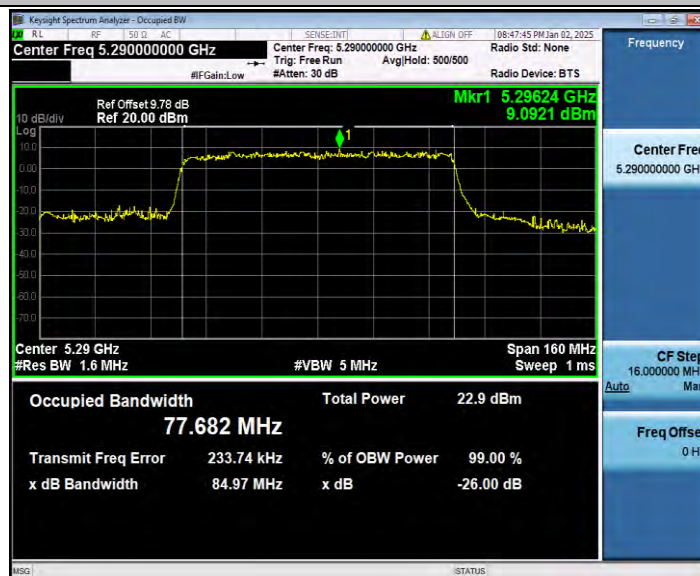
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

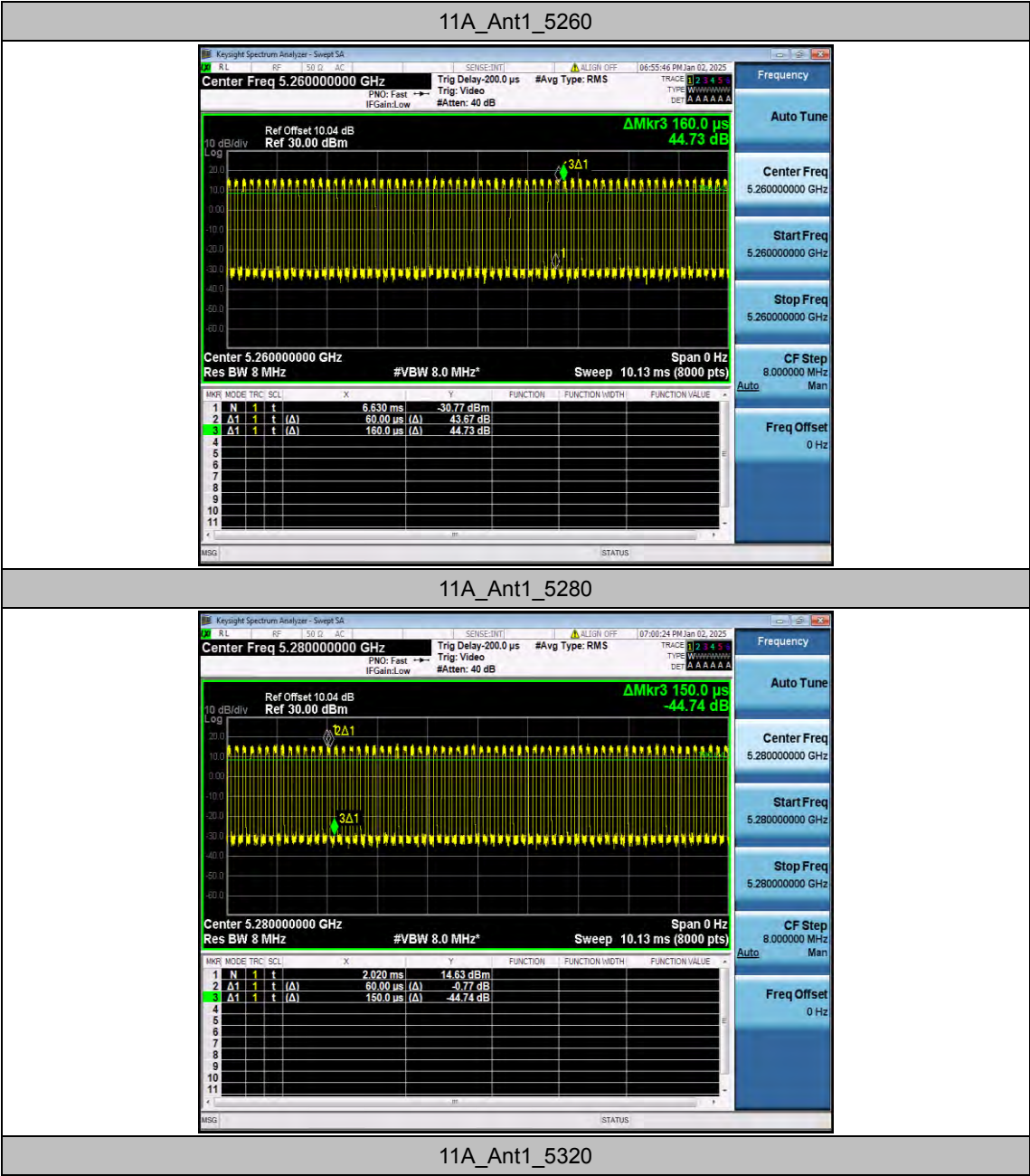


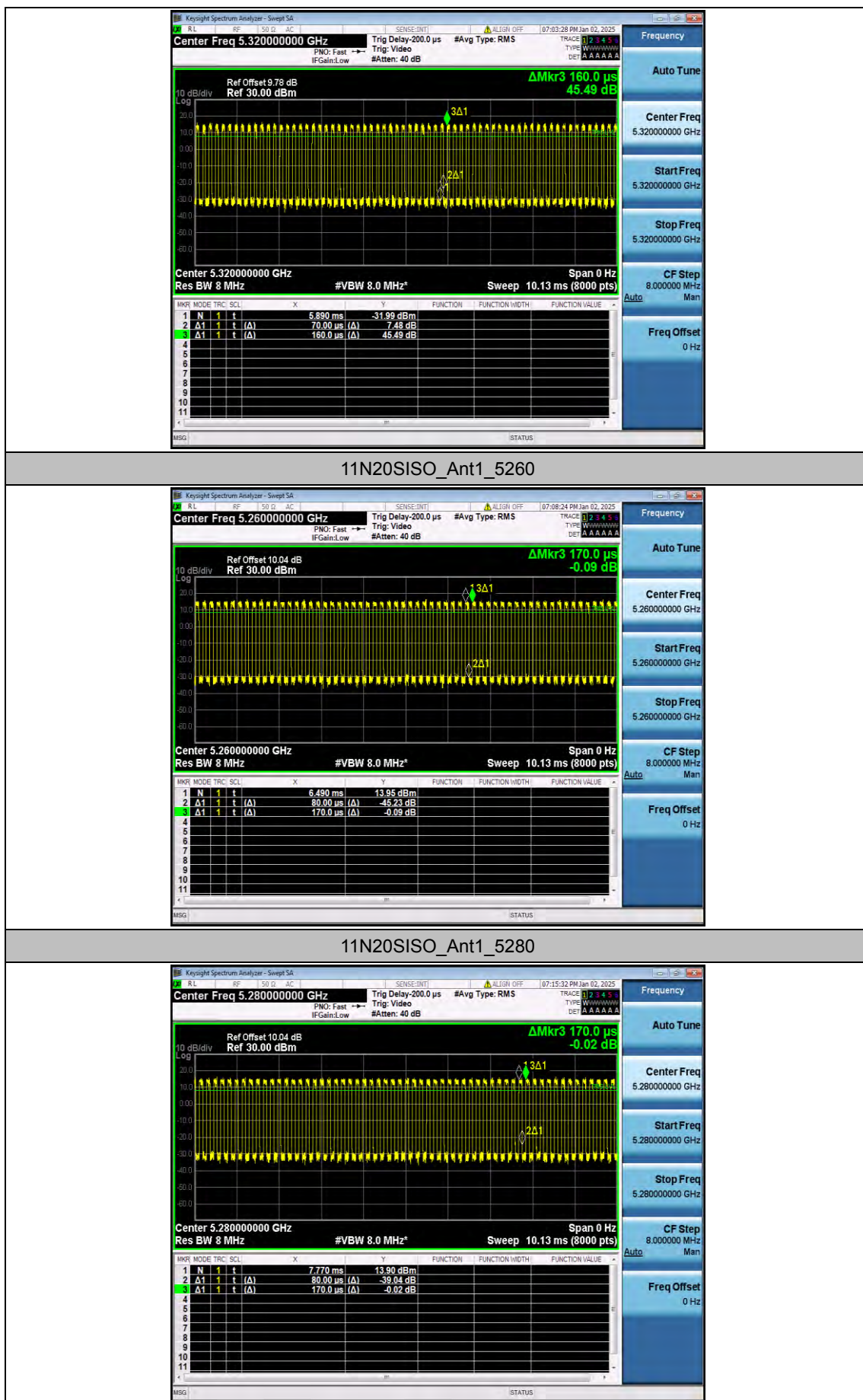
Appendix E.3: Duty Cycle

Test Result

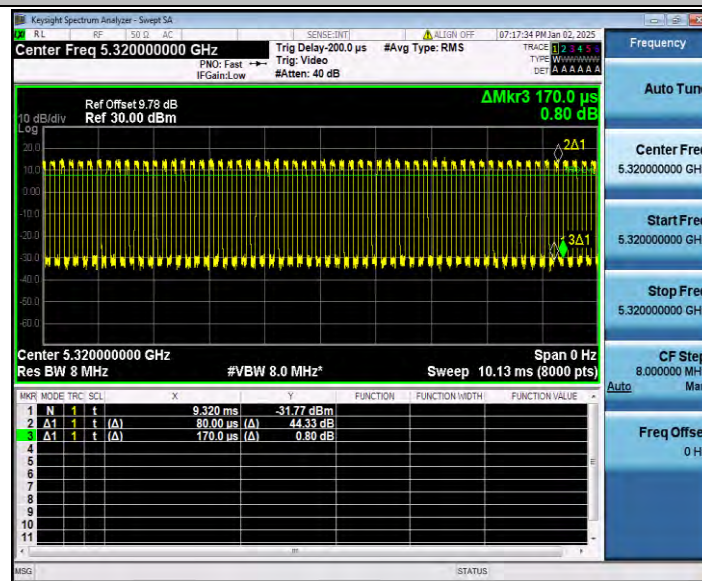
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	0.06	0.16	37.50	4.26	16.67
		5280	0.06	0.15	40.00	3.98	16.67
		5320	0.07	0.16	43.75	3.59	14.29
11N20SISO	Ant1	5260	0.08	0.17	47.06	3.27	12.50
		5280	0.08	0.17	47.06	3.27	12.50
		5320	0.08	0.17	47.06	3.27	12.50
11N40SISO	Ant1	5270	0.06	0.15	40.00	3.98	16.67
		5310	0.06	0.15	40.00	3.98	16.67
11AC20SISO	Ant1	5260	0.09	0.18	50.00	3.01	11.11
		5280	0.08	0.17	47.06	3.27	12.50
		5320	0.09	0.19	47.37	3.24	11.11
11AC40SISO	Ant1	5270	0.06	0.15	40.00	3.98	16.67
		5310	0.06	0.15	40.00	3.98	16.67
11AC80SISO	Ant1	5290	0.05	0.14	35.71	4.47	20.00
11AX20SISO	Ant1	5260	0.09	0.19	47.37	3.24	11.11
		5280	0.09	0.19	47.37	3.24	11.11
		5320	0.09	0.19	47.37	3.24	11.11
11AX40SISO	Ant1	5270	0.08	0.17	47.06	3.27	12.50
		5310	0.09	0.18	50.00	3.01	11.11
11AX80SISO	Ant1	5290	0.07	0.16	43.75	3.59	14.29

Test Graphs

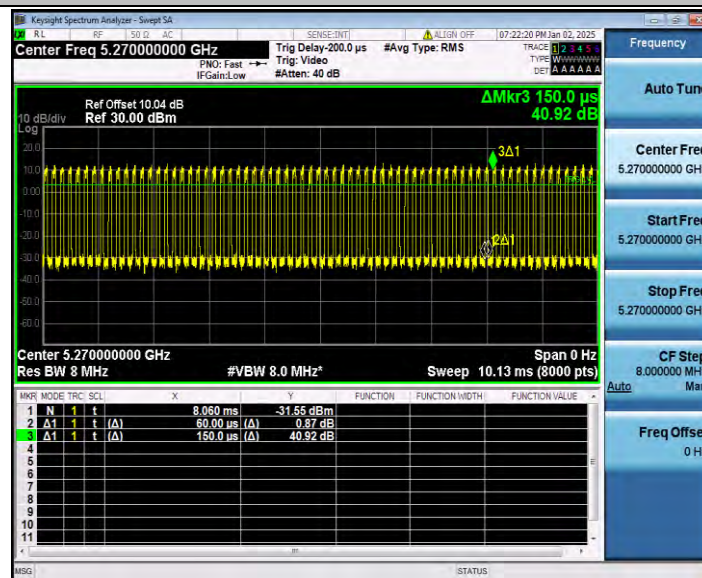




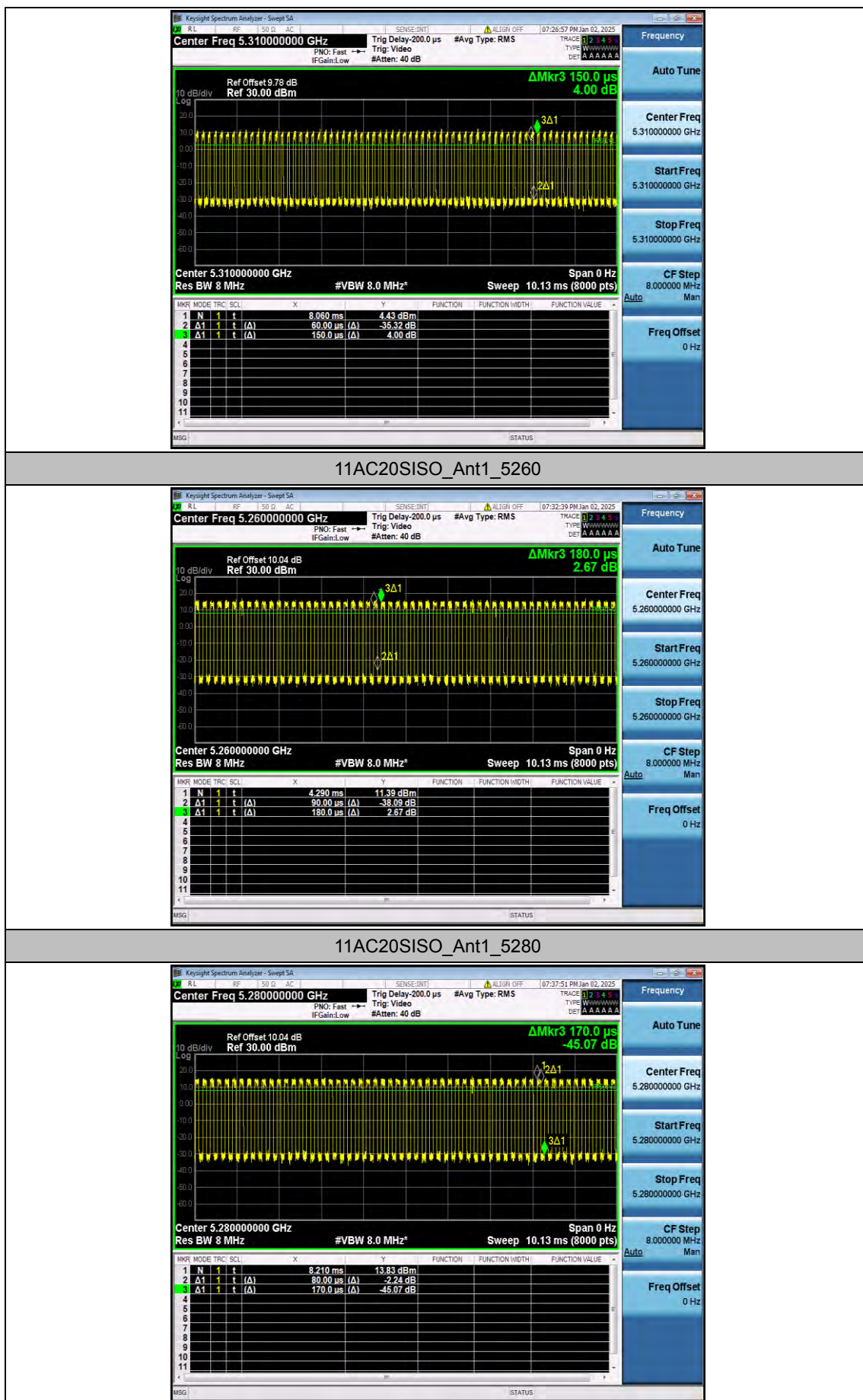
11N20SISO_Ant1_5320

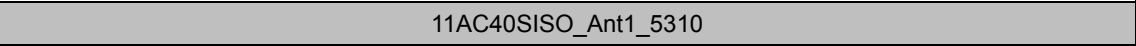
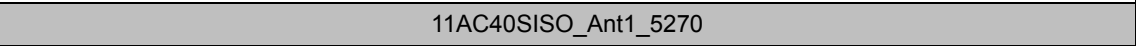


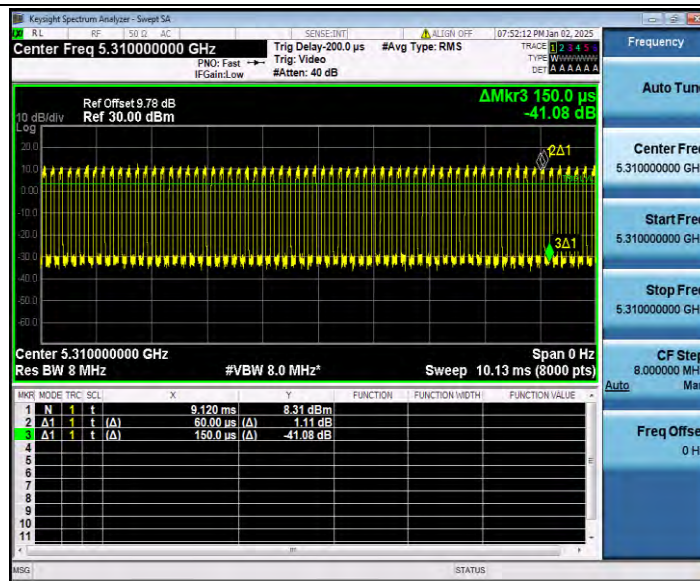
11N40SISO_Ant1_5270



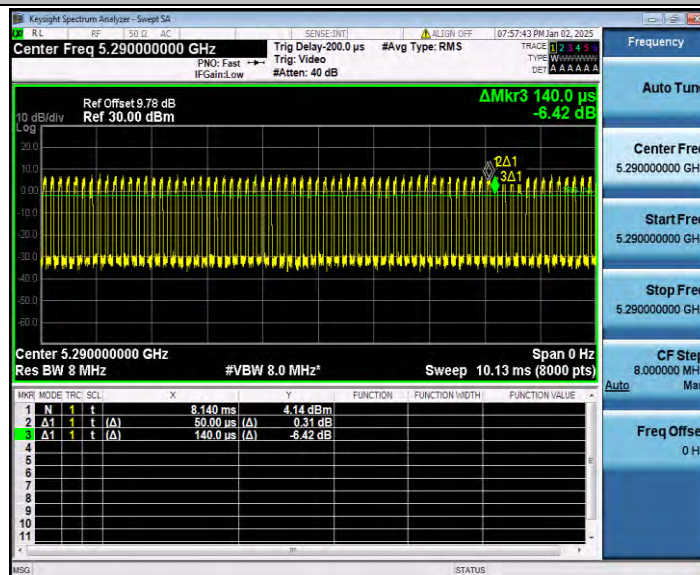
11N40SISO_Ant1_5310



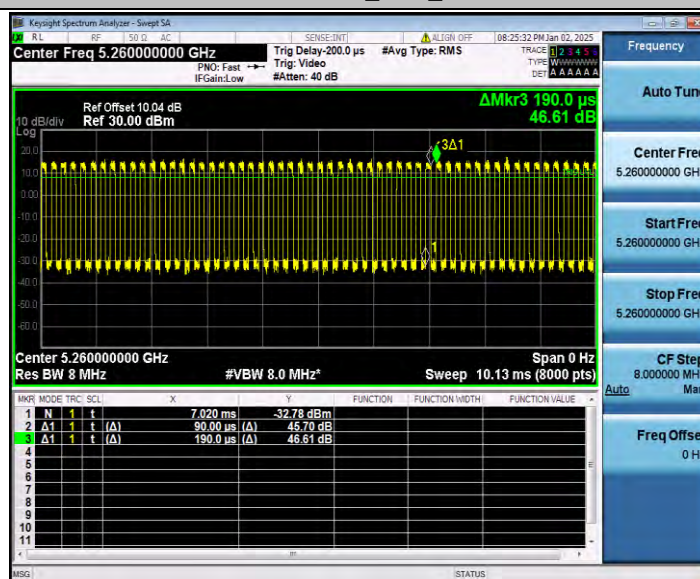




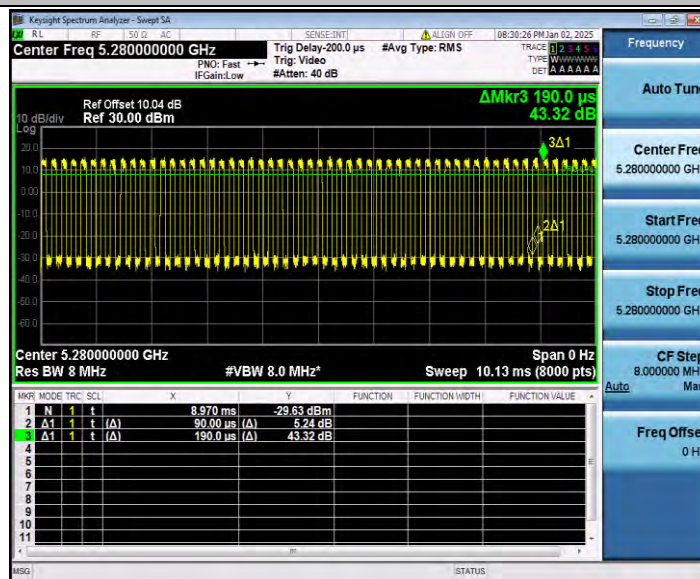
11AC80SISO_Ant1_5290



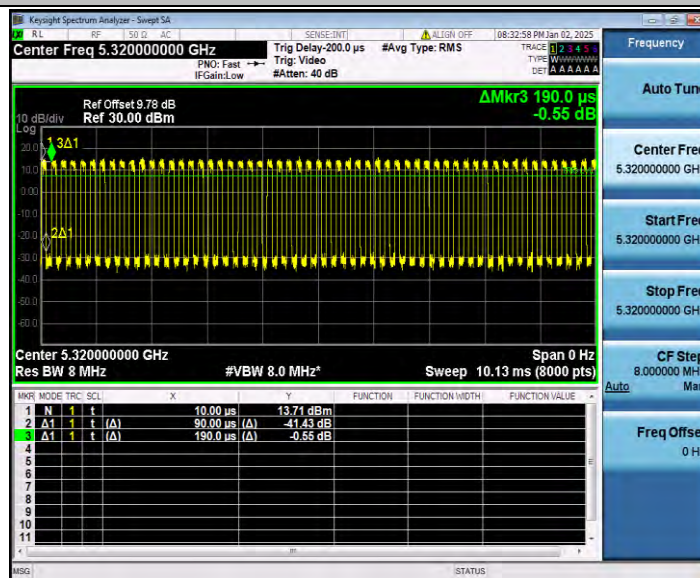
11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270

