

Case No. : <u>GTS20250225016-1-08</u>	
Ambient Condition: <u>22</u> °C, <u>53</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.23</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	20.040	5249.920	5269.960	---	---
		5280	20.240	5269.920	5290.160	---	---
		5320	19.960	5310.040	5330.000	---	---
11N20SISO	Ant1	5260	20.120	5249.960	5270.080	---	---
		5280	20.240	5269.840	5290.080	---	---
		5320	19.920	5310.080	5330.000	---	---
11N40SISO	Ant1	5270	40.800	5249.440	5290.240	---	---
		5310	40.560	5289.680	5330.240	---	---
11AC20SISO	Ant1	5260	20.120	5249.880	5270.000	---	---
		5280	20.240	5269.840	5290.080	---	---
		5320	20.360	5309.800	5330.160	---	---
11AC40SISO	Ant1	5270	40.640	5249.520	5290.160	---	---
		5310	40.560	5289.680	5330.240	---	---
11AC80SISO	Ant1	5290	81.440	5249.360	5330.800	---	---
11AX20SISO	Ant1	5260	20.400	5249.760	5270.160	---	---
		5280	20.120	5269.960	5290.080	---	---
		5320	20.280	5309.800	5330.080	---	---
11AX40SISO	Ant1	5270	41.040	5249.360	5290.400	---	---
		5310	40.480	5289.920	5330.400	---	---
11AX80SISO	Ant1	5290	81.760	5249.040	5330.800	---	---

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



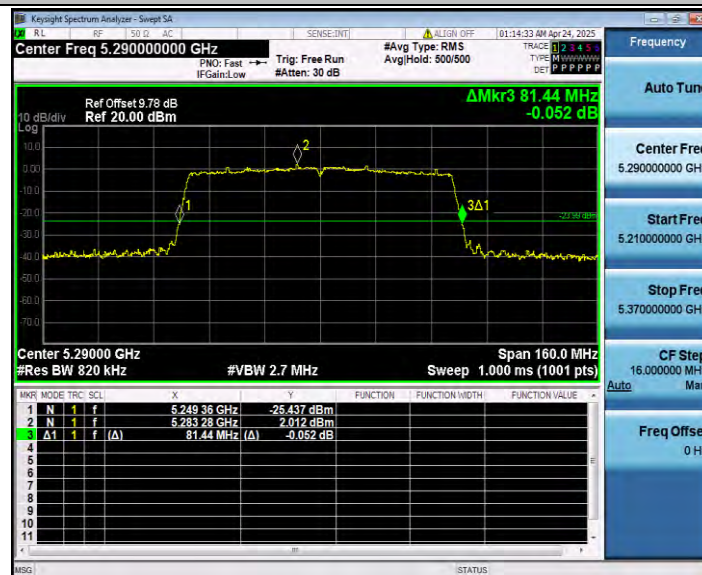
11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

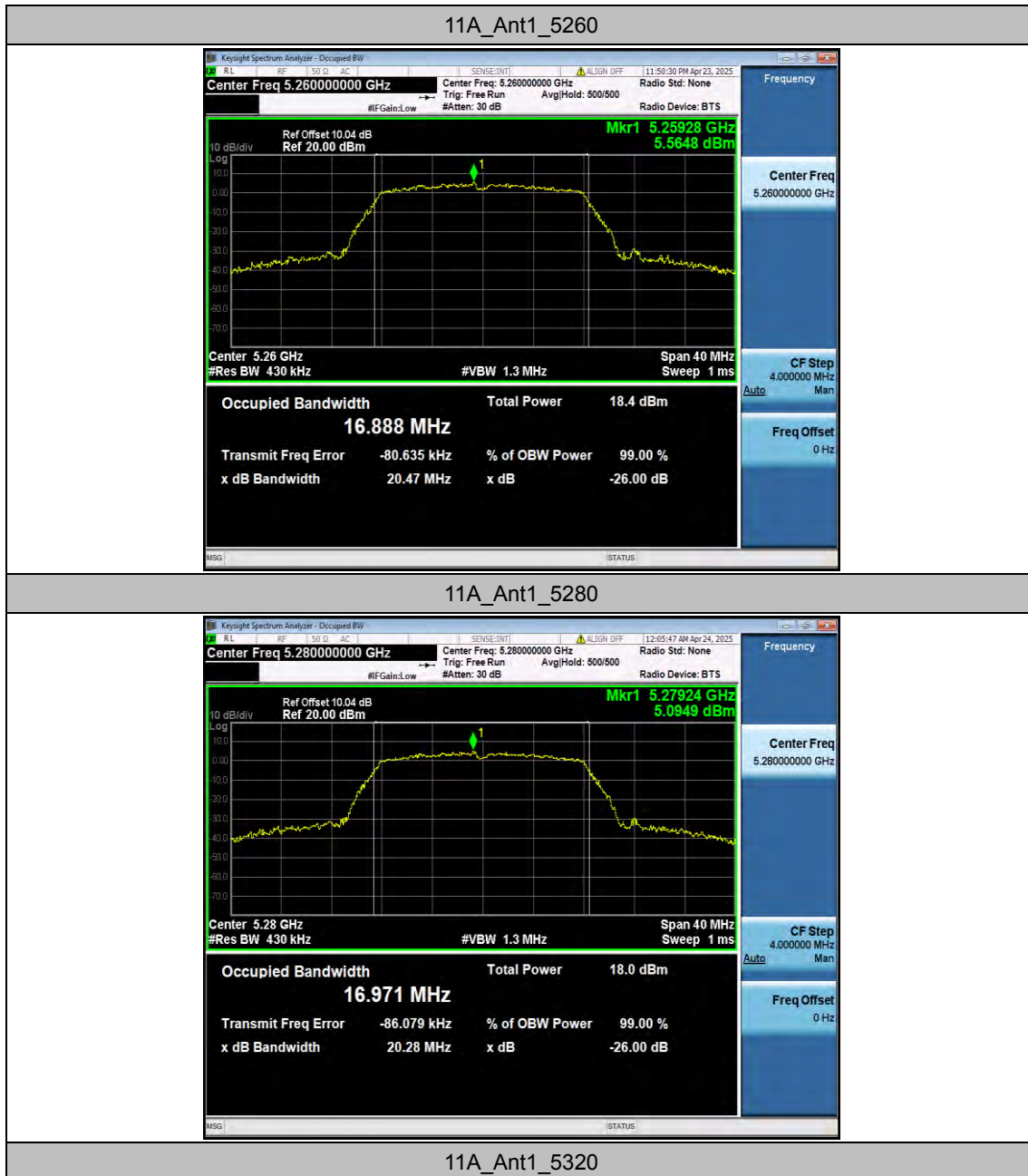


Appendix C.2: Occupied channel bandwidth

Test Result

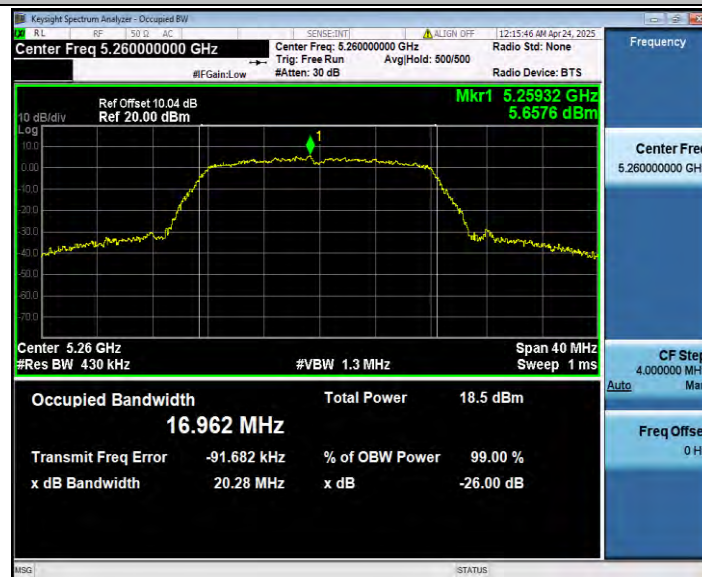
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	16.888	5251.4754	5268.3634	---	---
		5280	16.971	5271.4284	5288.3994	---	---
		5320	16.921	5311.4525	5328.3735	---	---
11N20SISO	Ant1	5260	16.962	5251.4273	5268.3893	---	---
		5280	16.983	5271.4207	5288.4037	---	---
		5320	16.955	5311.4620	5328.4170	---	---
11N40SISO	Ant1	5270	36.133	5251.8447	5287.9777	---	---
		5310	36.167	5291.8923	5328.0593	---	---
11AC20SISO	Ant1	5260	17.827	5251.0378	5268.8648	---	---
		5280	17.872	5271.0225	5288.8945	---	---
		5320	17.835	5311.0651	5328.9001	---	---
11AC40SISO	Ant1	5270	36.148	5251.8558	5288.0038	---	---
		5310	36.145	5291.9190	5328.0640	---	---
11AC80SISO	Ant1	5290	75.662	5252.1071	5327.7691	---	---
11AX20SISO	Ant1	5260	17.817	5251.0741	5268.8911	---	---
		5280	17.803	5271.0700	5288.8730	---	---
		5320	17.809	5311.0613	5328.8703	---	---
11AX40SISO	Ant1	5270	36.268	5251.7667	5288.0347	---	---
		5310	36.277	5291.8920	5328.1690	---	---
11AX80SISO	Ant1	5290	75.617	5252.1687	5327.7857	---	---

Test Graphs

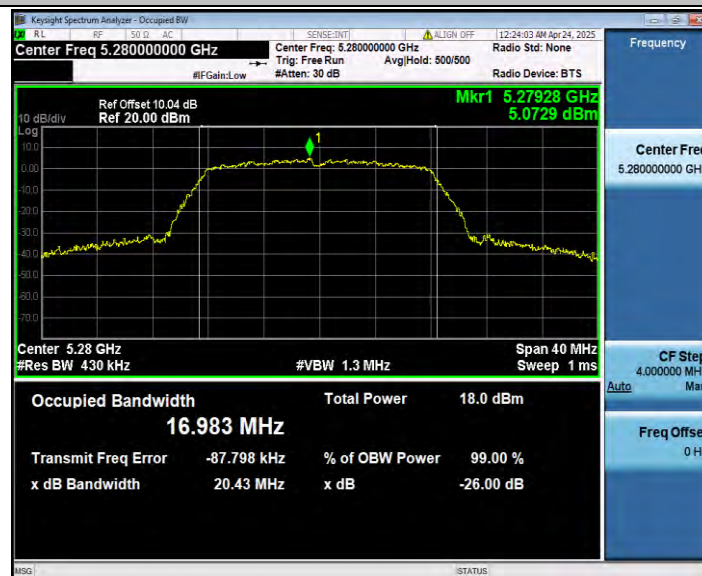




11N20SISO_Ant1_5260



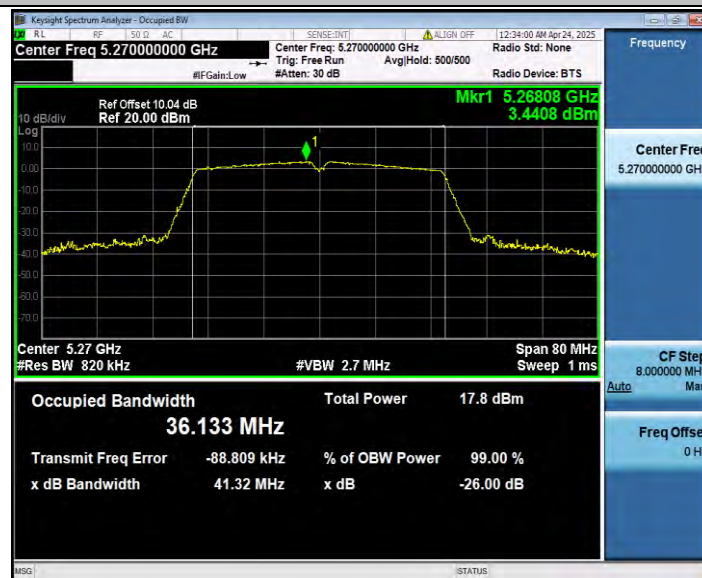
11N20SISO_Ant1_5280



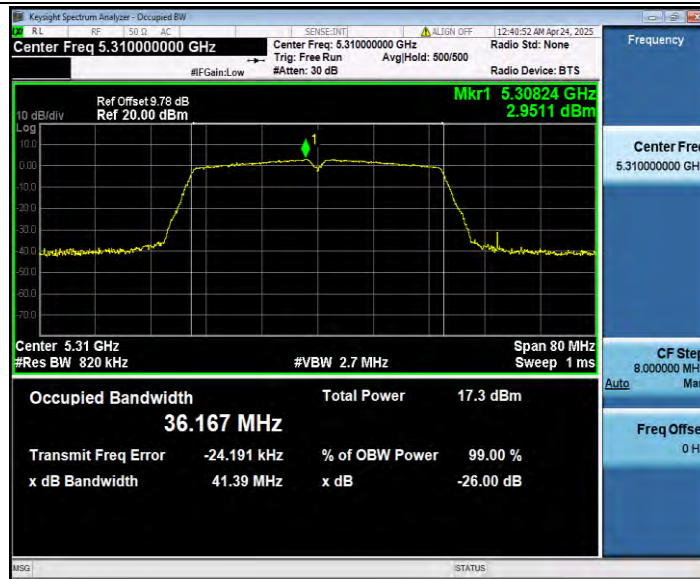
11N20SISO_Ant1_5320



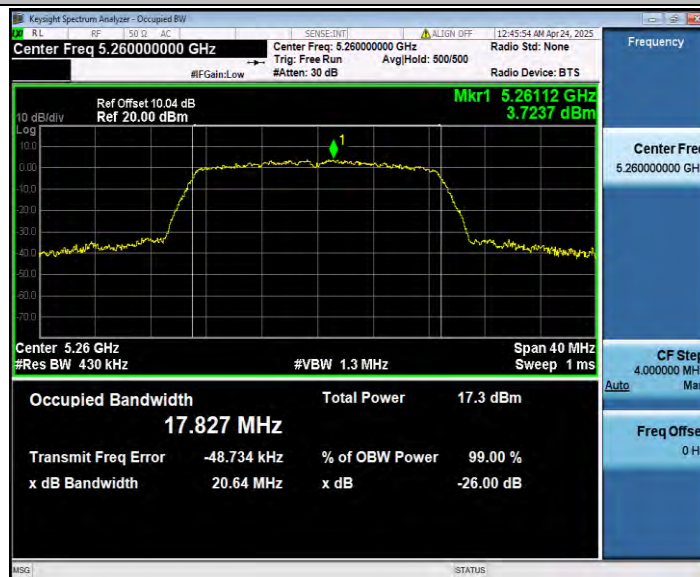
11N40SISO_Ant1_5270



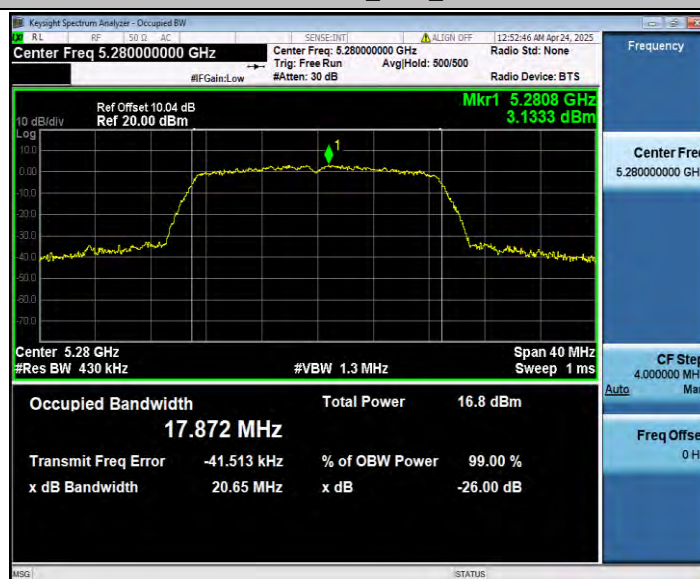
11N40SISO_Ant1_5310



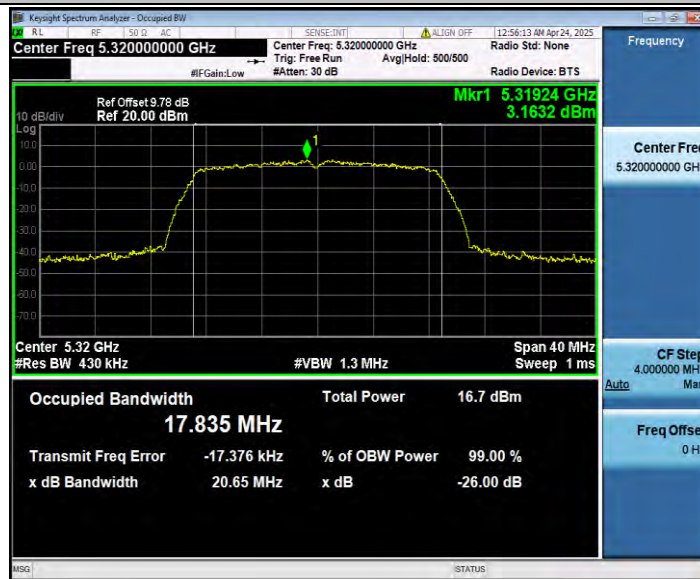
11AC20SISO_Ant1_5260



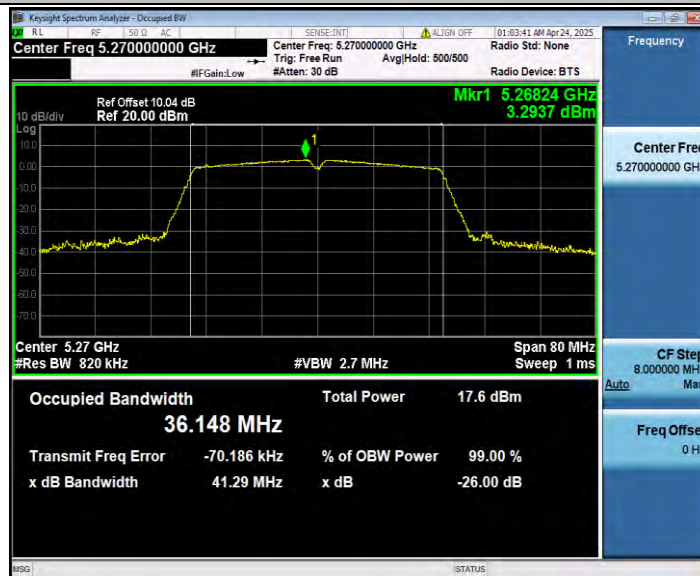
11AC20SISO_Ant1_5280



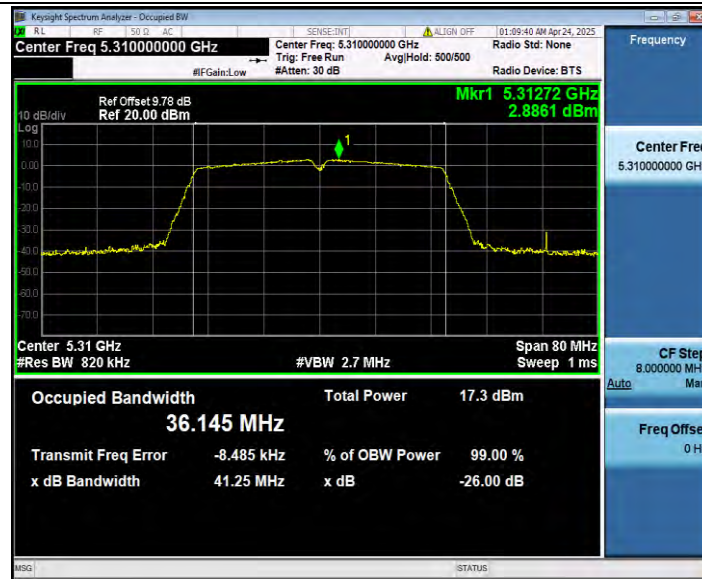
11AC20SISO_Ant1_5320



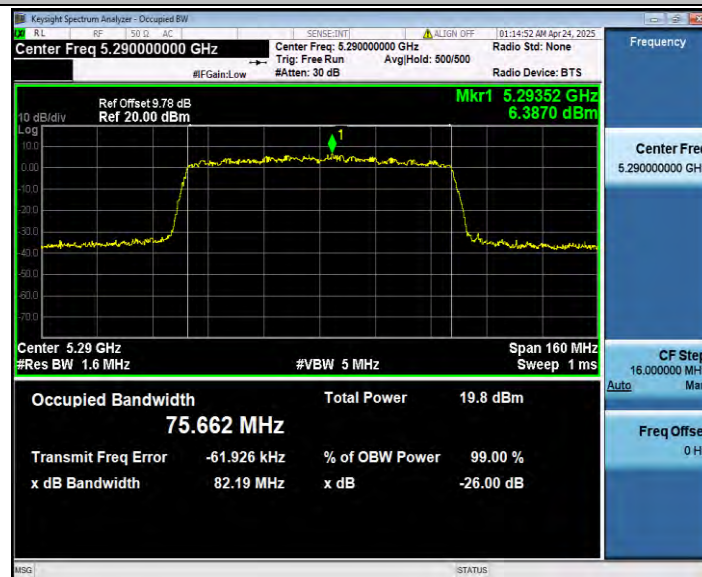
11AC40SISO_Ant1_5270



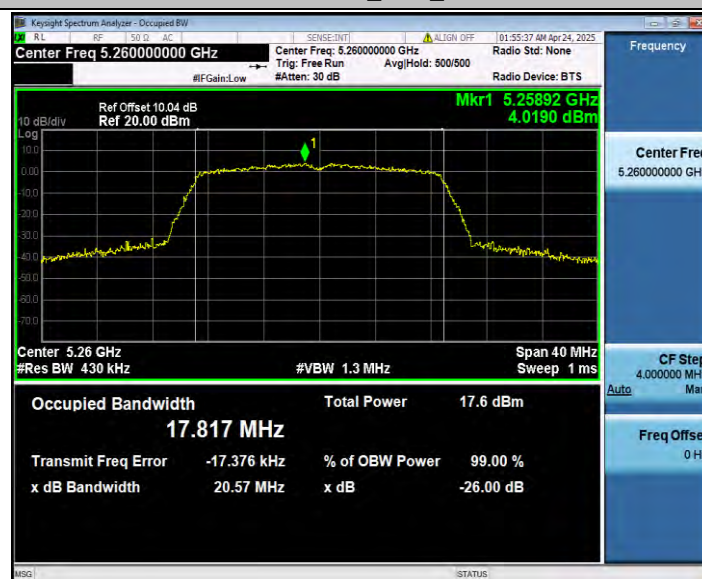
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



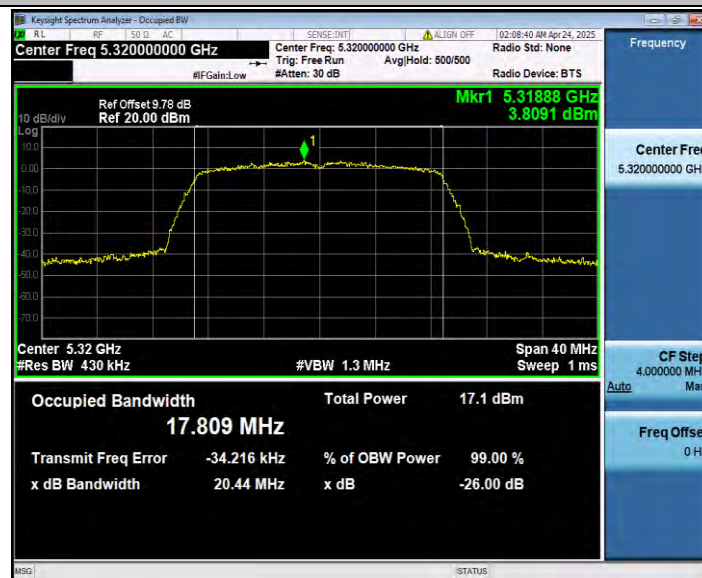
11AX20SISO_Ant1_5260



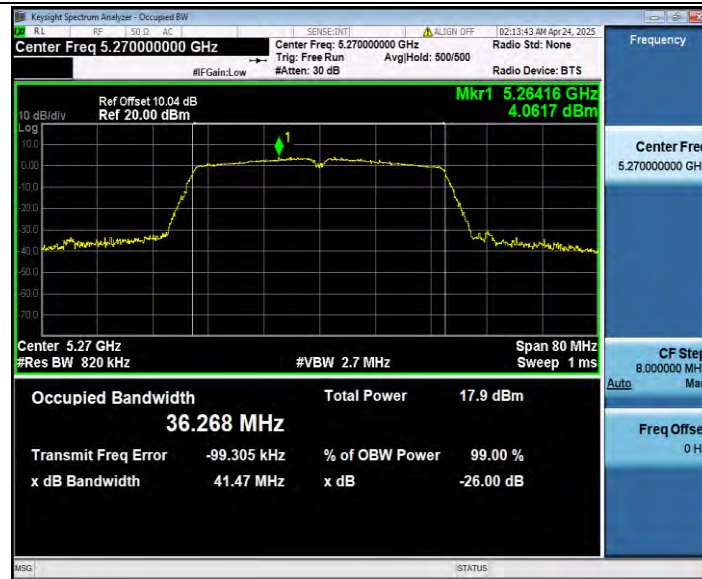
11AX20SISO_Ant1_5280



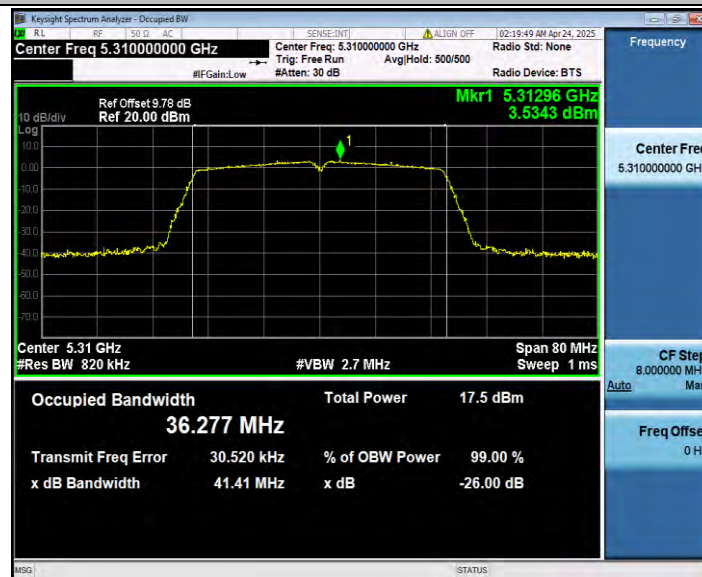
11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



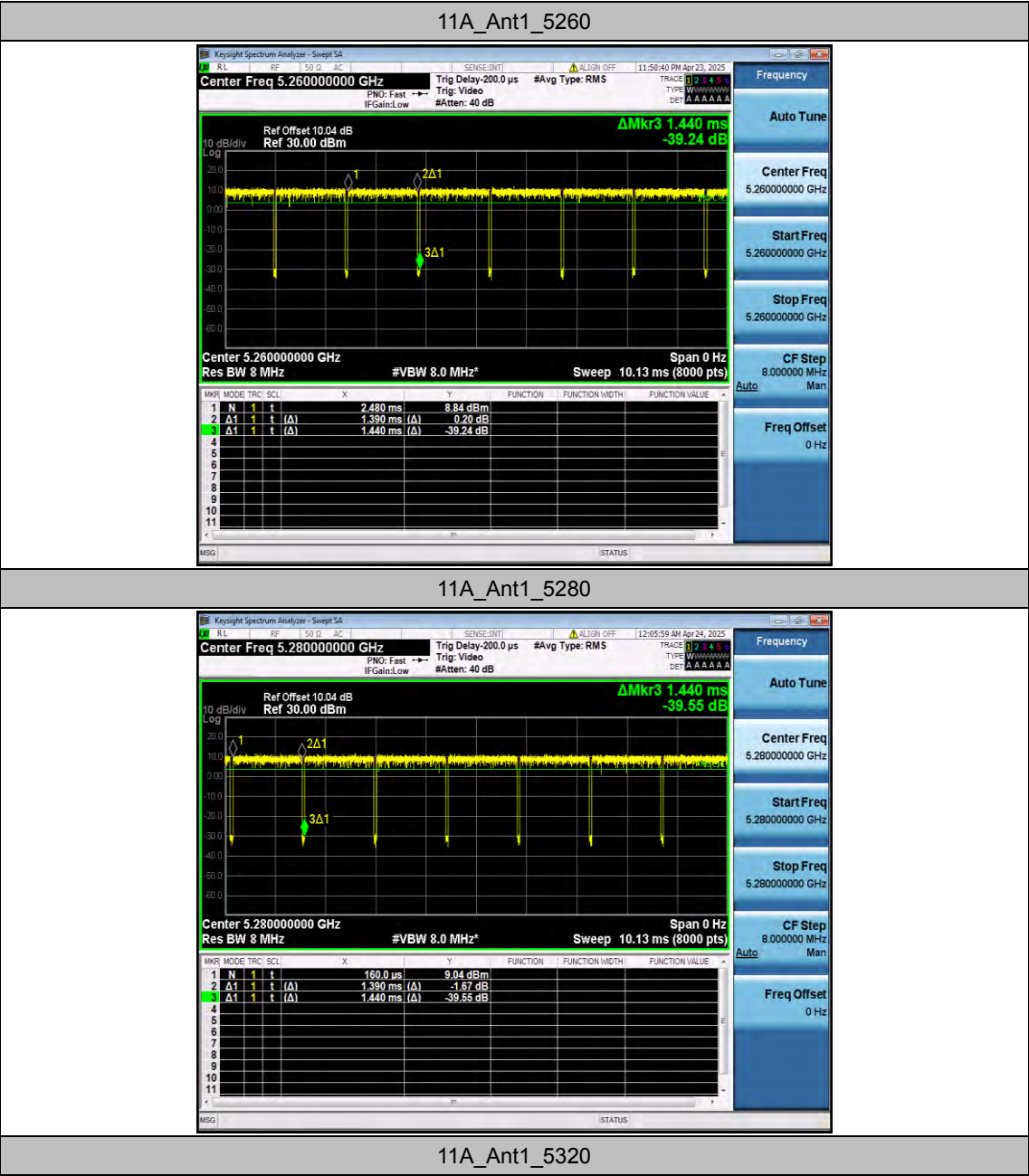
11AX80SISO_Ant1_5290

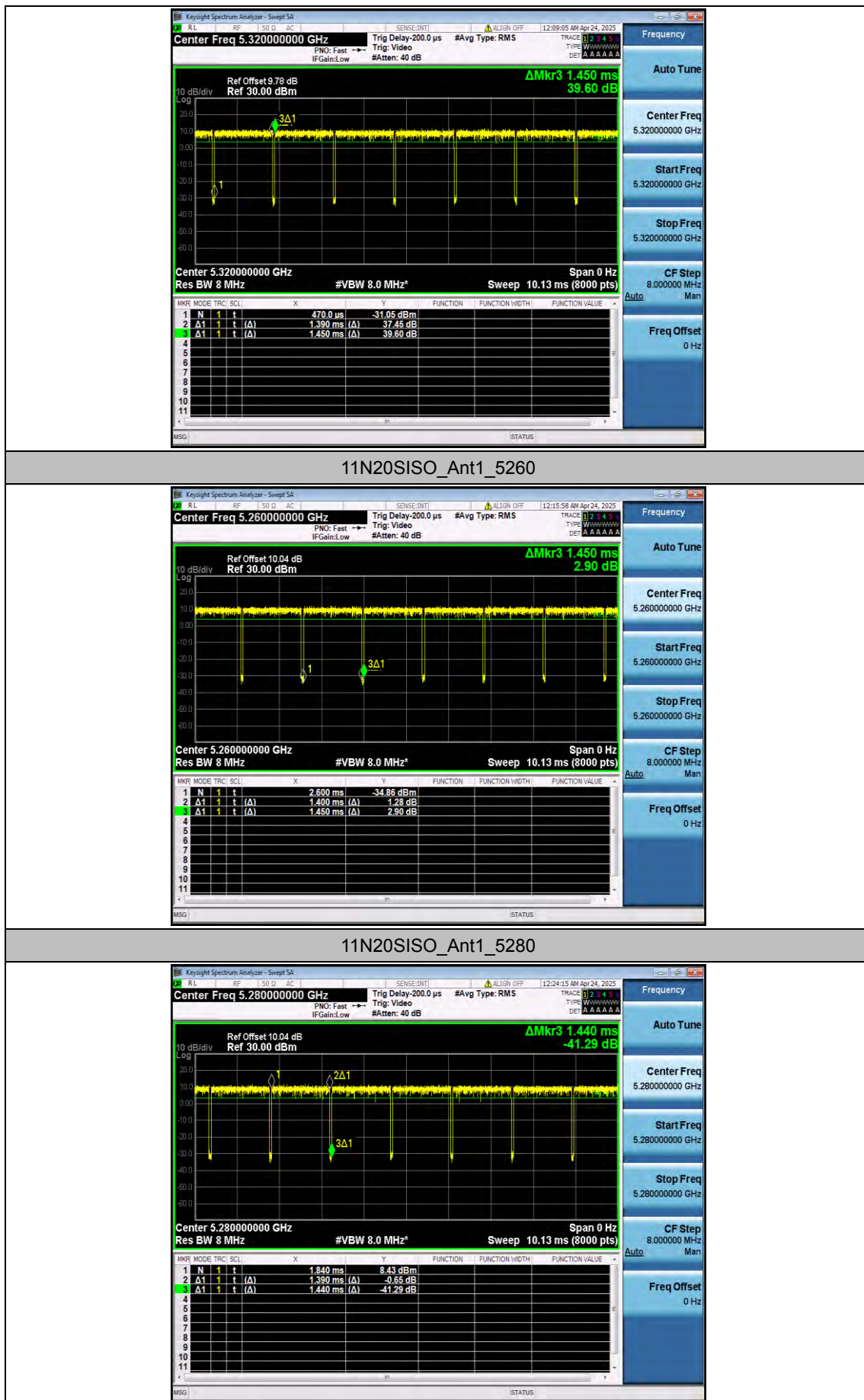
Appendix C. 3: Duty Cycle

Test Result

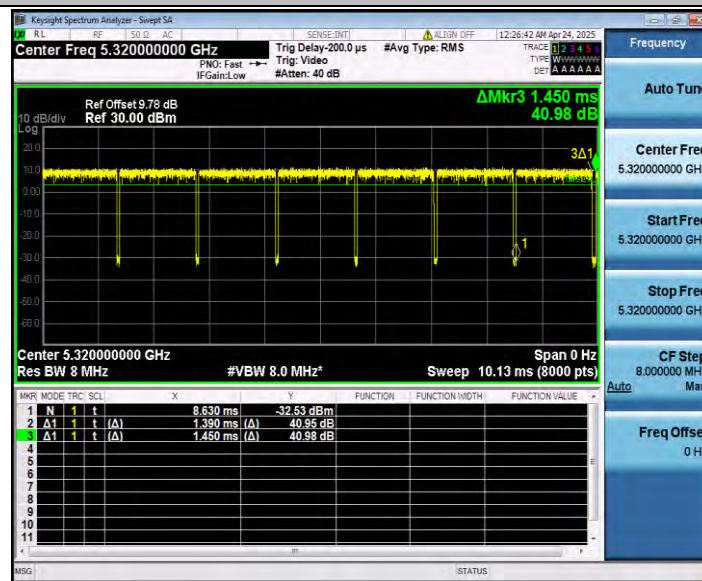
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	1.39	1.44	96.53	0.15	0.72
		5280	1.39	1.44	96.53	0.15	0.72
		5320	1.39	1.45	95.86	0.18	0.72
11N20SISO	Ant1	5260	1.40	1.45	96.55	0.15	0.71
		5280	1.39	1.44	96.53	0.15	0.72
		5320	1.39	1.45	95.86	0.18	0.72
11N40SISO	Ant1	5270	0.66	0.71	92.96	0.32	1.52
		5310	0.65	0.71	91.55	0.38	1.54
11AC20SISO	Ant1	5260	1.31	1.37	95.62	0.19	0.76
		5280	1.32	1.37	96.35	0.16	0.76
		5320	1.31	1.36	96.32	0.16	0.76
11AC40SISO	Ant1	5270	0.65	0.71	91.55	0.38	1.54
		5310	0.66	0.71	92.96	0.32	1.52
11AC80SISO	Ant1	5290	0.32	0.38	84.21	0.75	3.13
11AX20SISO	Ant1	5260	1.31	1.36	96.32	0.16	0.76
		5280	1.31	1.37	95.62	0.19	0.76
		5320	1.30	1.36	95.59	0.20	0.77
11AX40SISO	Ant1	5270	0.65	0.71	91.55	0.38	1.54
		5310	0.65	0.70	92.86	0.32	1.54
11AX80SISO	Ant1	5290	0.32	0.38	84.21	0.75	3.13

Test Graphs

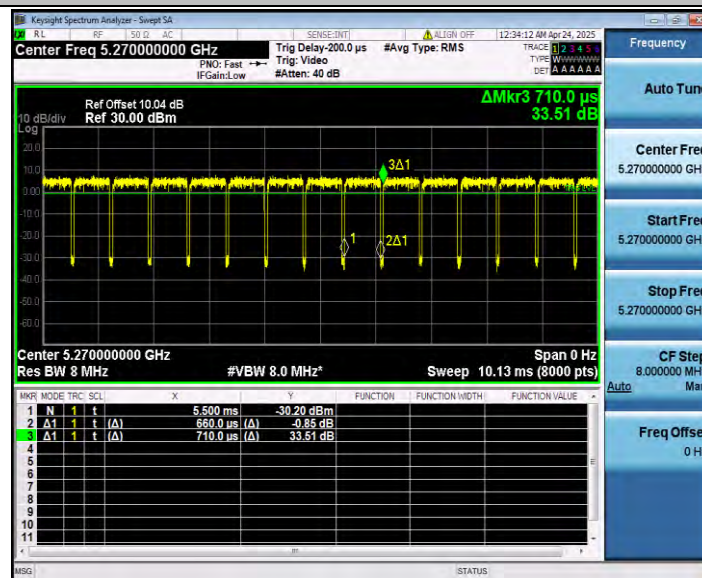




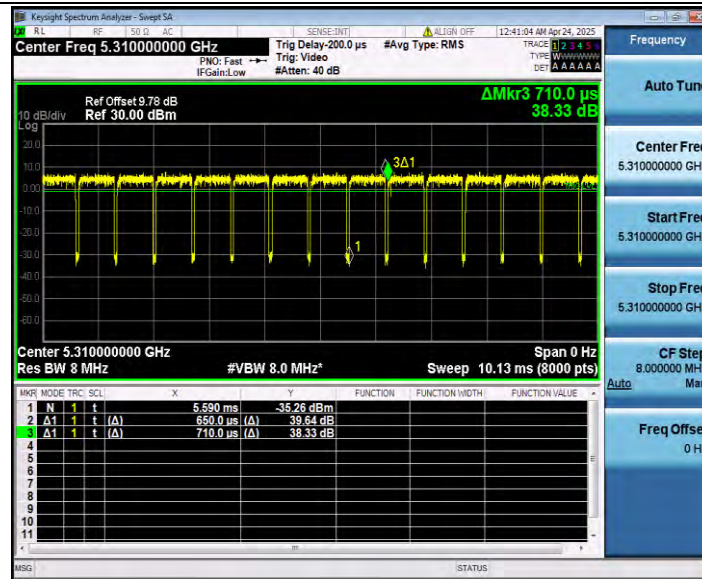
11N20SISO_Ant1_5320



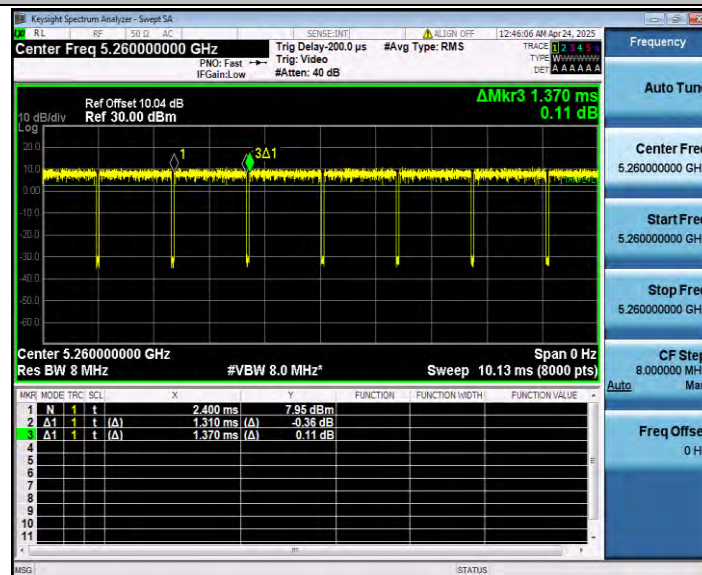
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280

