

Case No. : <u>GTS20231018011-1-88</u>
Ambient Condition: <u>22</u> °C, <u>47</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2024.1.23</u> Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Emission Bandwidth

Test Result

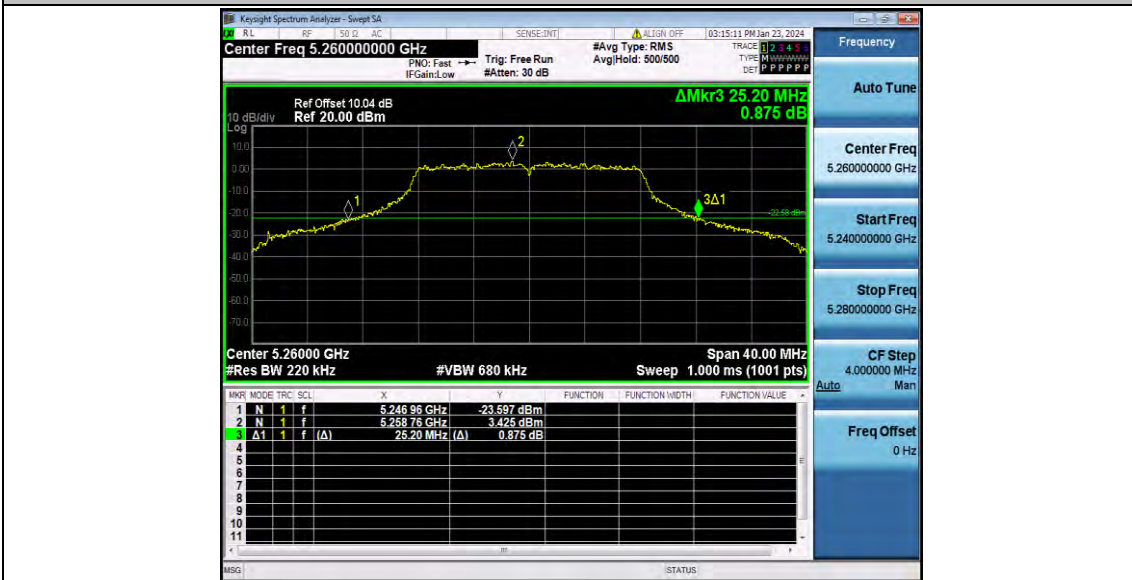
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5260	24.880	5247.200	5272.080	---	---
		5280	25.000	5267.200	5292.200	---	---
		5320	25.880	5307.480	5333.360	---	---
11N20SISO	Ant0	5260	25.200	5246.960	5272.160	---	---
		5280	24.400	5267.720	5292.120	---	---
		5320	27.280	5307.160	5334.440	---	---
11N40SISO	Ant0	5270	40.000	5250.080	5290.080	---	---
		5310	40.000	5290.160	5330.160	---	---
11AC20SISO	Ant0	5260	25.640	5247.120	5272.760	---	---
		5280	25.040	5267.200	5292.240	---	---
		5320	25.600	5307.480	5333.080	---	---
11AC40SISO	Ant0	5270	39.920	5250.000	5289.920	---	---
		5310	39.680	5290.240	5329.920	---	---
11AC80SISO	Ant0	5290	80.160	5250.160	5330.320	---	---
11AX20SISO	Ant0	5260	23.840	5248.480	5272.320	---	---
		5280	23.480	5268.080	5291.560	---	---
		5320	24.680	5308.040	5332.720	---	---
11AX40SISO	Ant0	5270	39.520	5250.240	5289.760	---	---
		5310	39.600	5290.240	5329.840	---	---
11AX80SISO	Ant0	5290	80.640	5249.680	5330.320	---	---

Test Graphs

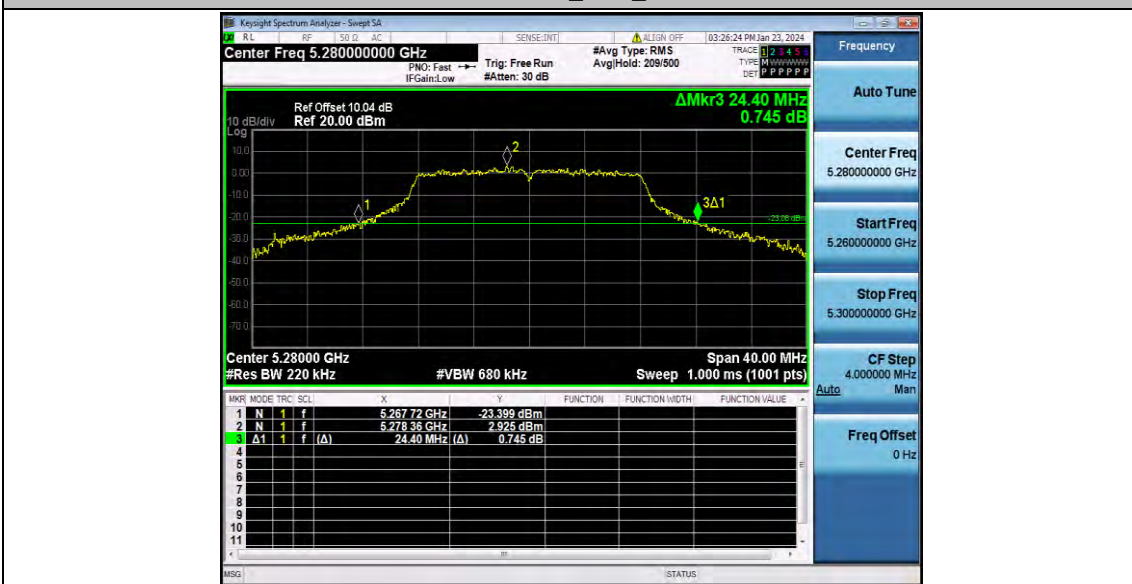




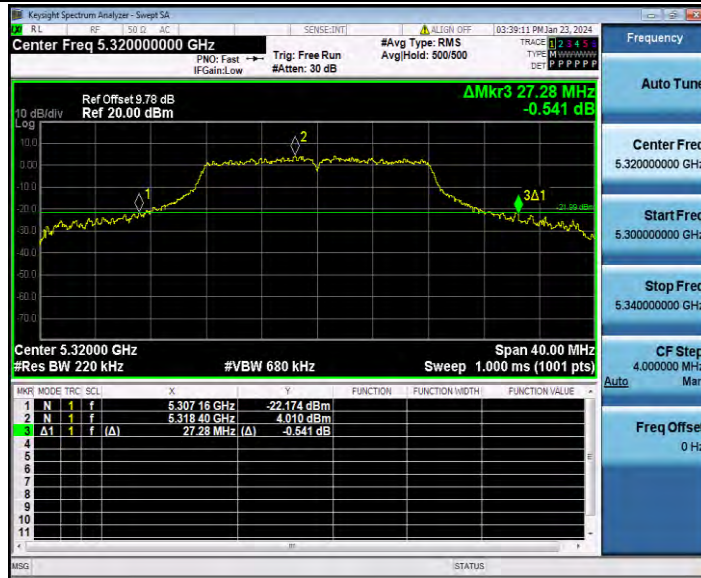
11N20SISO_Ant0_5260



11N20SISO_Ant0_5280



11N20SISO_Ant0_5320



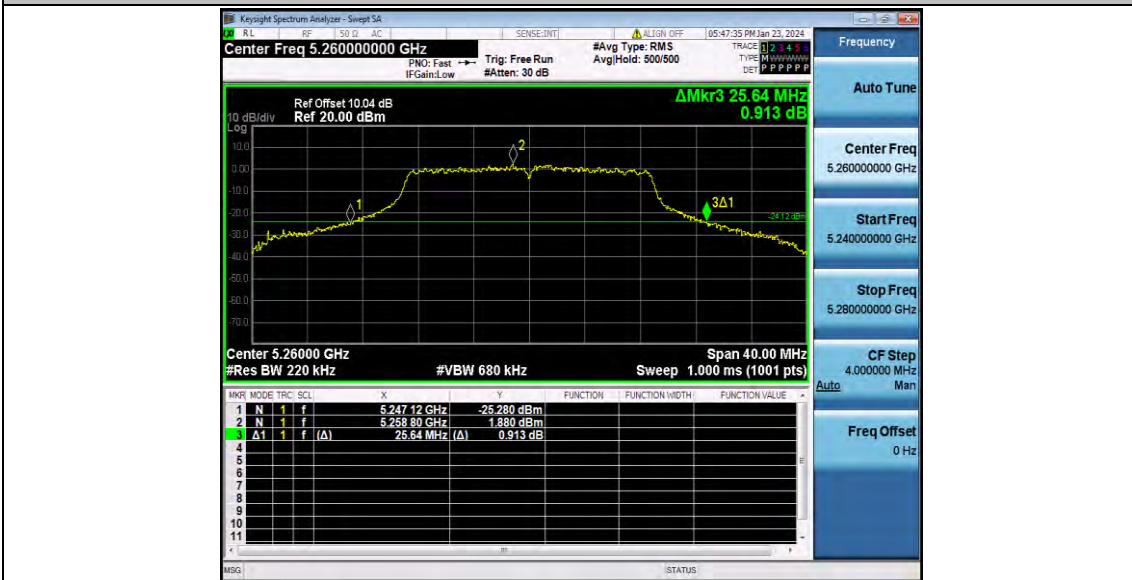
11N40SISO_Ant0_5270



11N40SISO_Ant0_5310



11AC20SISO_Ant0_5260



11AC20SISO_Ant0_5280



11AC20SISO_Ant0_5320



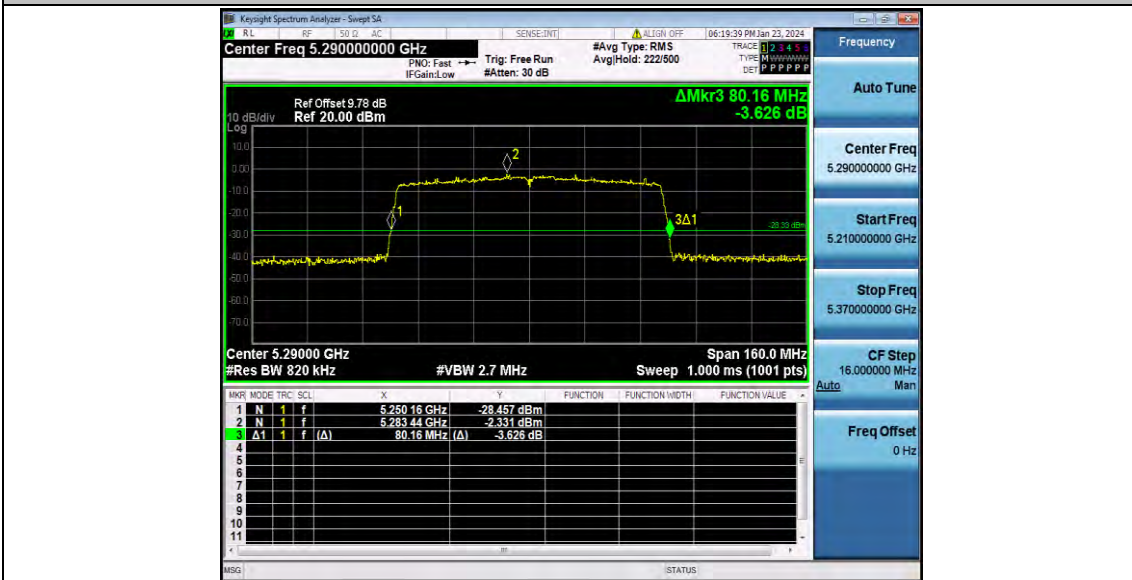
11AC40SISO_Ant0_5270



11AC40SISO_Ant0_5310



11AC80SISO_Ant0_5290



11AX20SISO_Ant0_5260



11AX20SISO_Ant0_5280



11AX20SISO_Ant0_5320



11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



11AX80SISO_Ant0_5290

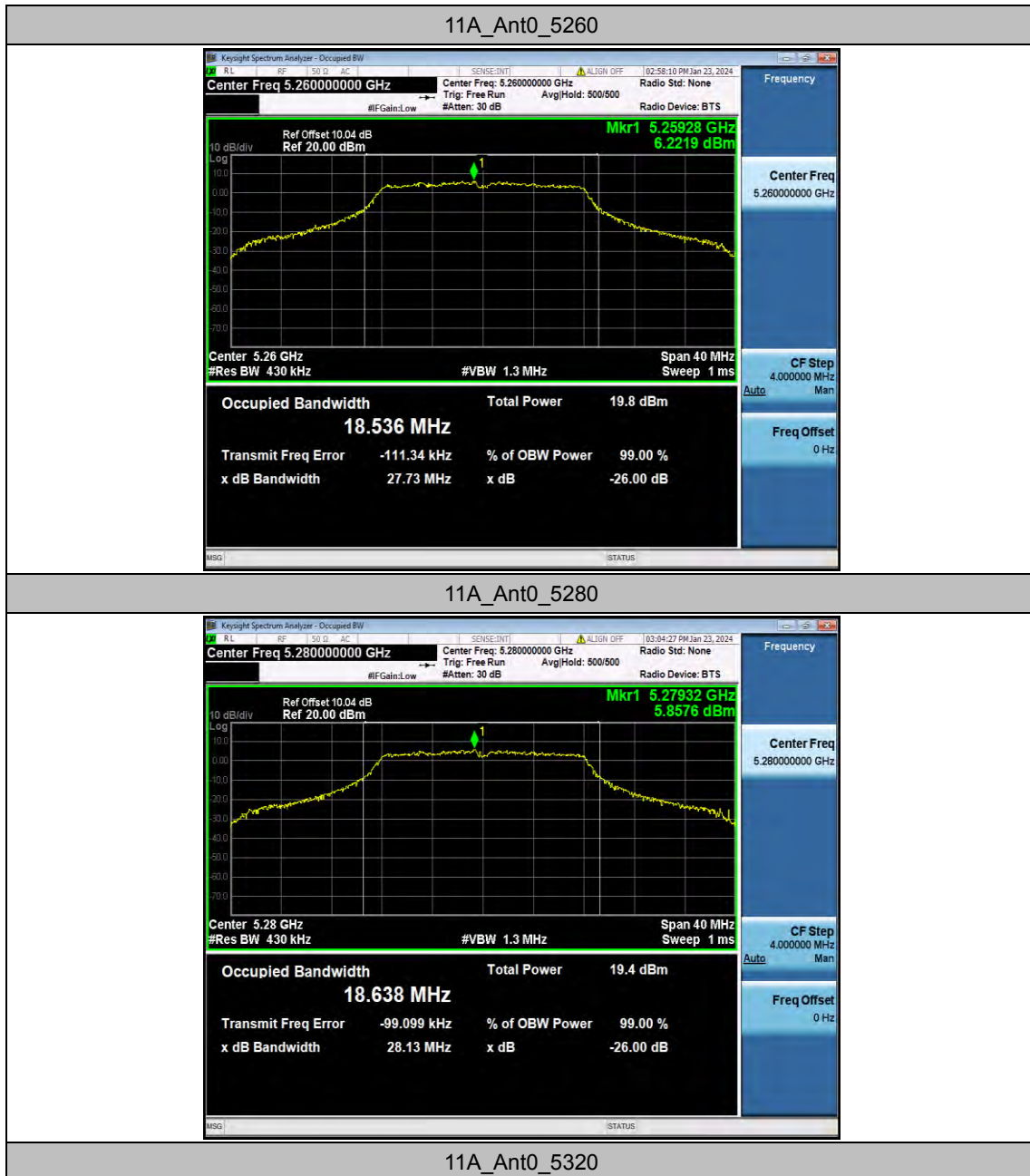


Appendix E.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5260	18.536	5250.6207	5269.1567	---	---
		5280	18.638	5270.5819	5289.2199	---	---
		5320	18.596	5310.7075	5329.3035	---	---
11N20SISO	Ant0	5260	18.529	5250.5941	5269.1231	---	---
		5280	18.665	5270.5793	5289.2443	---	---
		5320	18.602	5310.7247	5329.3267	---	---
11N40SISO	Ant0	5270	35.903	5252.0445	5287.9475	---	---
		5310	35.891	5292.1337	5328.0247	---	---
11AC20SISO	Ant0	5260	19.004	5250.3838	5269.3878	---	---
		5280	19.087	5270.3871	5289.4741	---	---
		5320	19.145	5310.4836	5329.6286	---	---
11AC40SISO	Ant0	5270	35.927	5252.0274	5287.9544	---	---
		5310	35.914	5292.1324	5328.0464	---	---
11AC80SISO	Ant0	5290	75.288	5252.4019	5327.6899	---	---
11AX20SISO	Ant0	5260	19.206	5250.3879	5269.5939	---	---
		5280	19.216	5270.3892	5289.6052	---	---
		5320	19.253	5310.4249	5329.6779	---	---
11AX40SISO	Ant0	5270	37.527	5251.2424	5288.7694	---	---
		5310	37.580	5291.2765	5328.8565	---	---
11AX80SISO	Ant0	5290	77.736	5251.2009	5328.9369	---	---

Test Graphs





11N20SISO_Ant0_5260



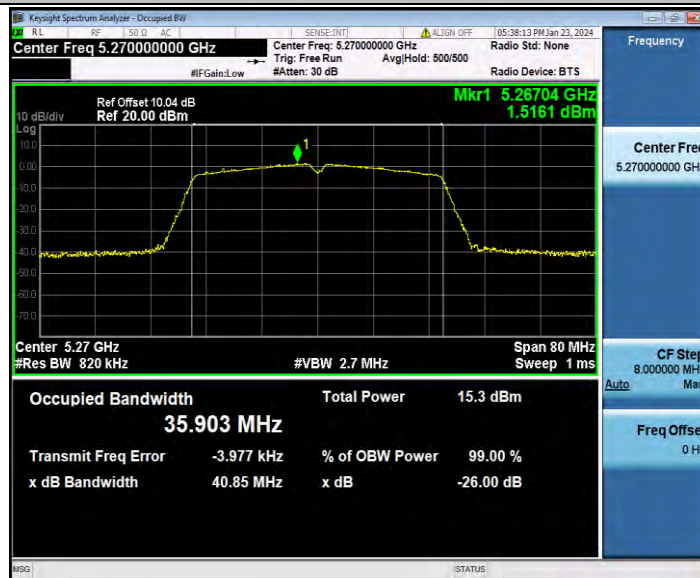
11N20SISO_Ant0_5280



11N20SISO_Ant0_5320



11N40SISO_Ant0_5270



11N40SISO_Ant0_5310



11AC20SISO_Ant0_5260



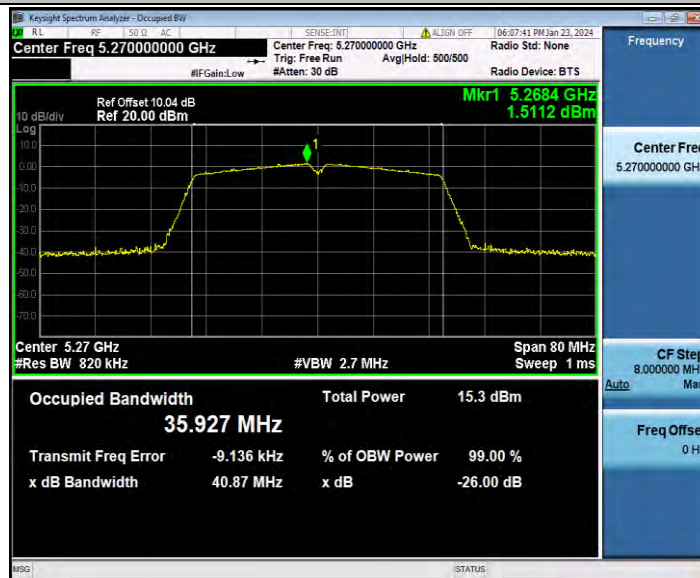
11AC20SISO_Ant0_5280



11AC20SISO_Ant0_5320



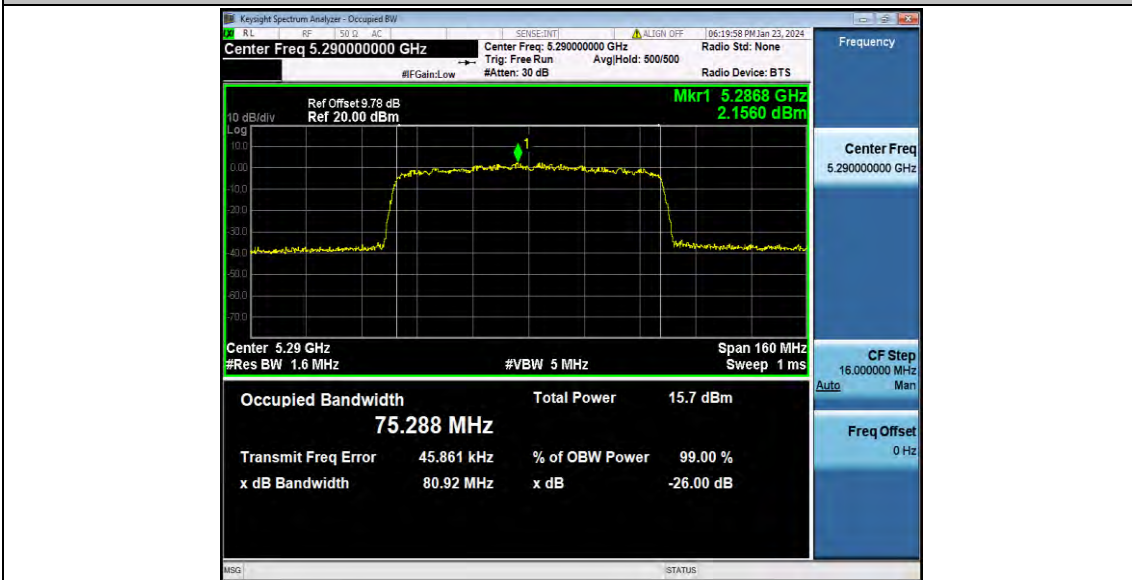
11AC40SISO_Ant0_5270



11AC40SISO_Ant0_5310



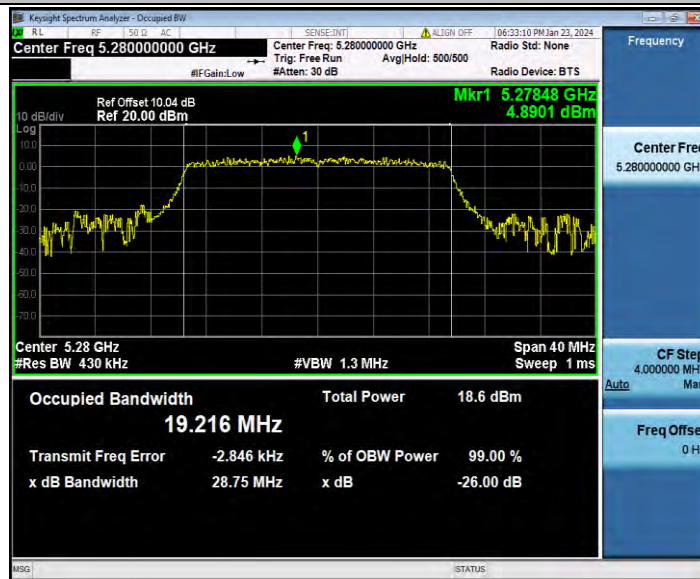
11AC80SISO_Ant0_5290



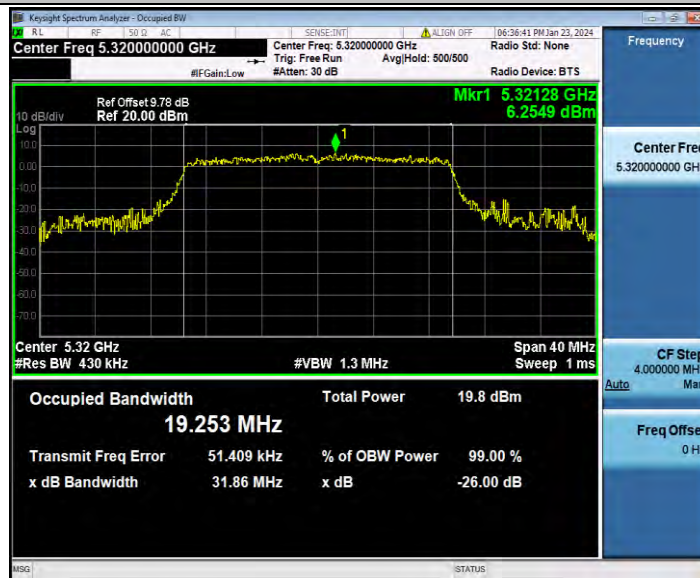
11AX20SISO_Ant0_5260



11AX20SISO_Ant0_5280



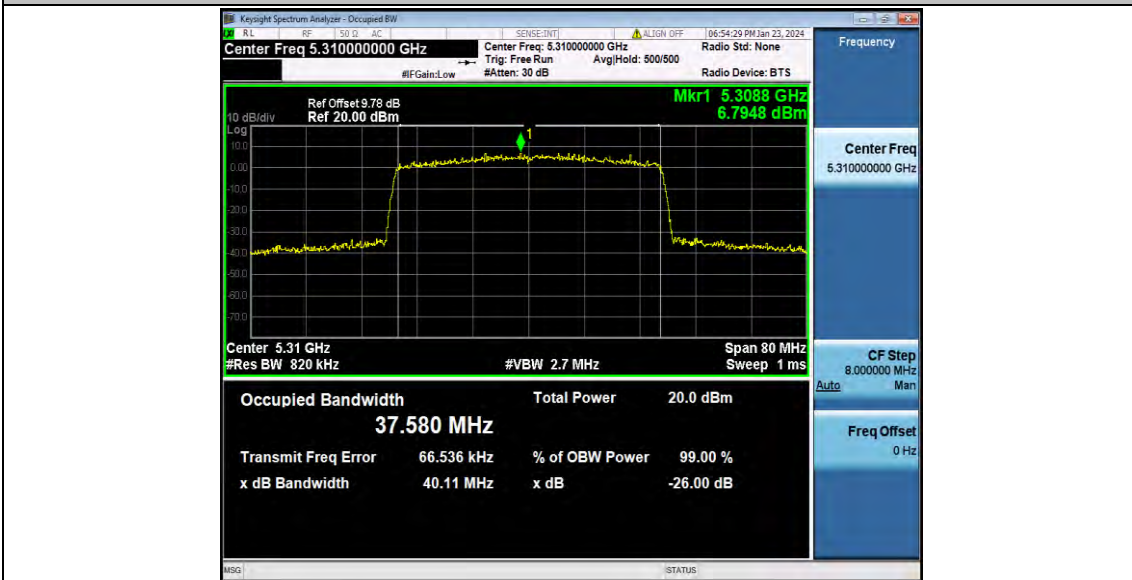
11AX20SISO_Ant0_5320



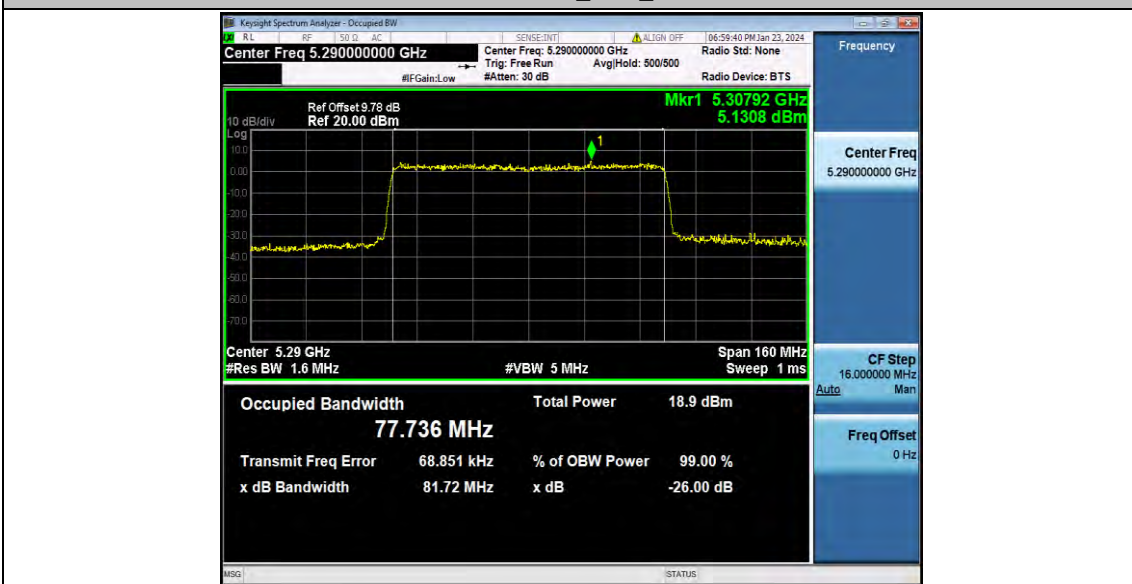
11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



11AX80SISO_Ant0_5290

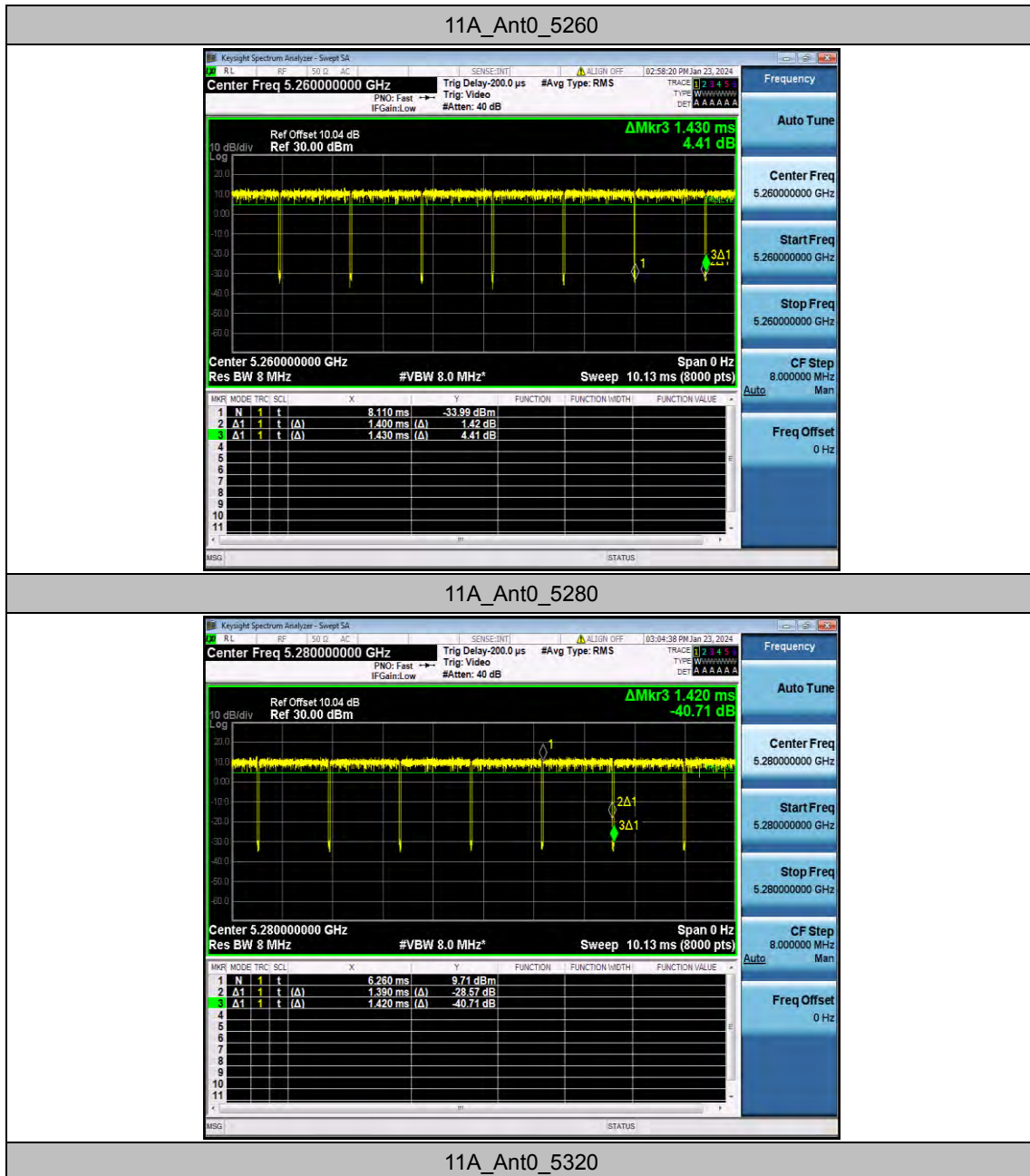


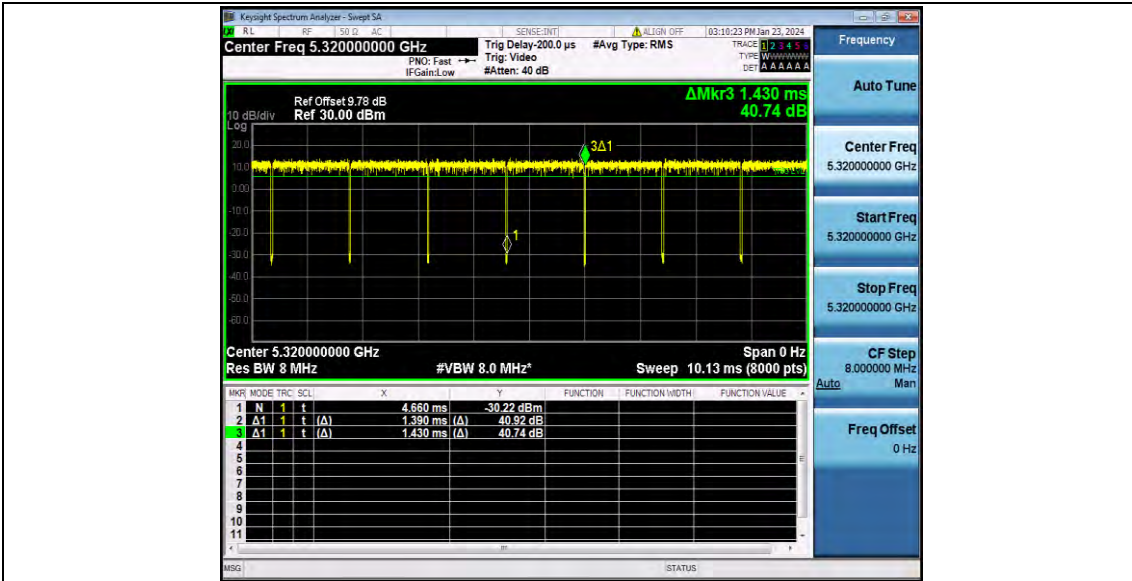
Appendix E.3: Duty Cycle

Test Result

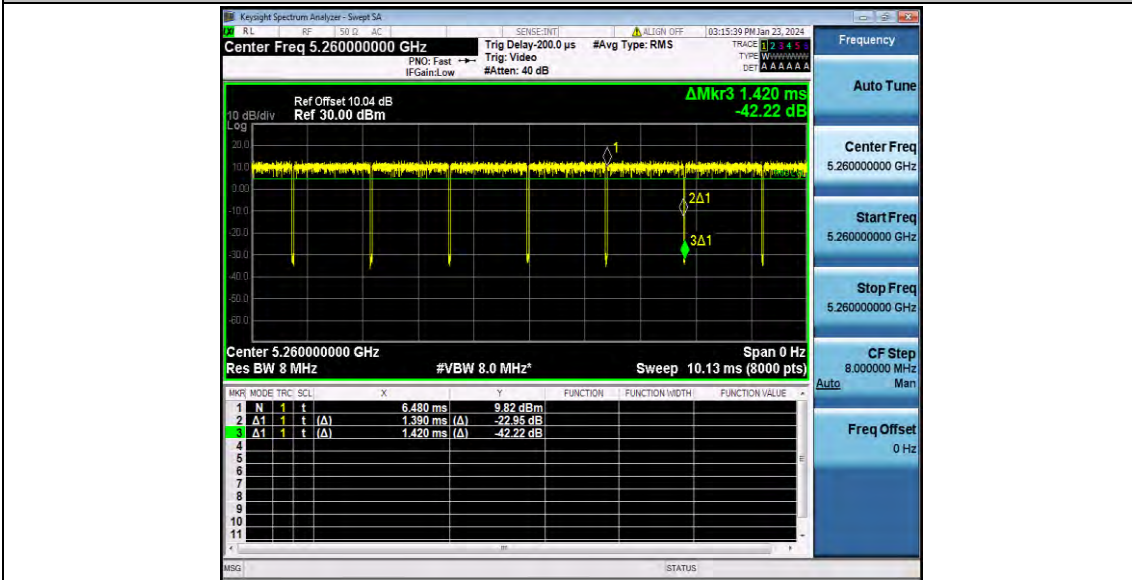
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5260	1.40	1.43	97.90	0.09	0.71
		5280	1.39	1.42	97.89	0.09	0.72
		5320	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant0	5260	1.39	1.42	97.89	0.09	0.72
		5280	1.39	1.42	97.89	0.09	0.72
		5320	1.40	1.43	97.90	0.09	0.71
11N40SISO	Ant0	5270	0.66	0.69	95.65	0.19	1.52
		5310	0.66	0.69	95.65	0.19	1.52
11AC20SISO	Ant0	5260	1.31	1.34	97.76	0.10	0.76
		5280	1.32	1.35	97.78	0.10	0.76
		5320	1.31	1.34	97.76	0.10	0.76
11AC40SISO	Ant0	5270	0.65	0.68	95.59	0.20	1.54
		5310	0.65	0.68	95.59	0.20	1.54
11AC80SISO	Ant0	5290	0.33	0.36	91.67	0.38	3.03
11AX20SISO	Ant0	5260	1.01	1.05	96.19	0.17	0.99
		5280	1.02	1.05	97.14	0.13	0.98
		5320	1.01	1.05	96.19	0.17	0.99
11AX40SISO	Ant0	5270	0.54	0.57	94.74	0.23	1.85
		5310	0.53	0.57	92.98	0.32	1.89
11AX80SISO	Ant0	5290	3.37	6.68	50.45	2.97	0.30

Test Graphs

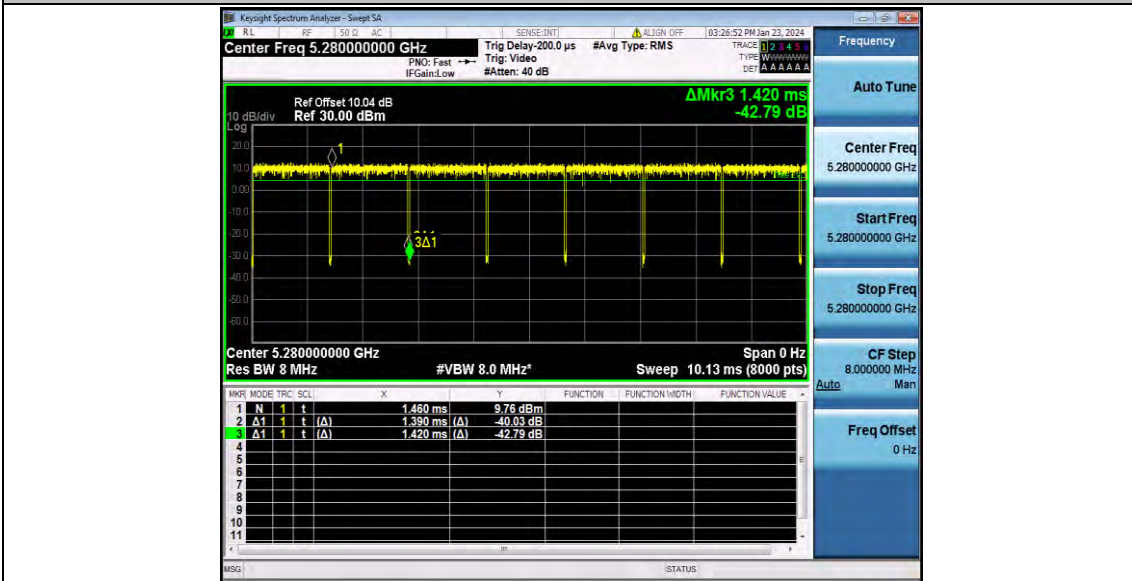




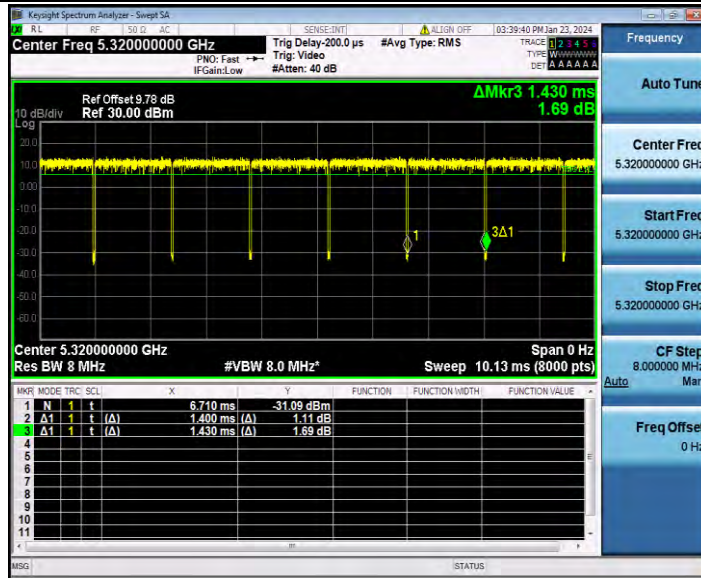
11N20SISO_Ant0_5260



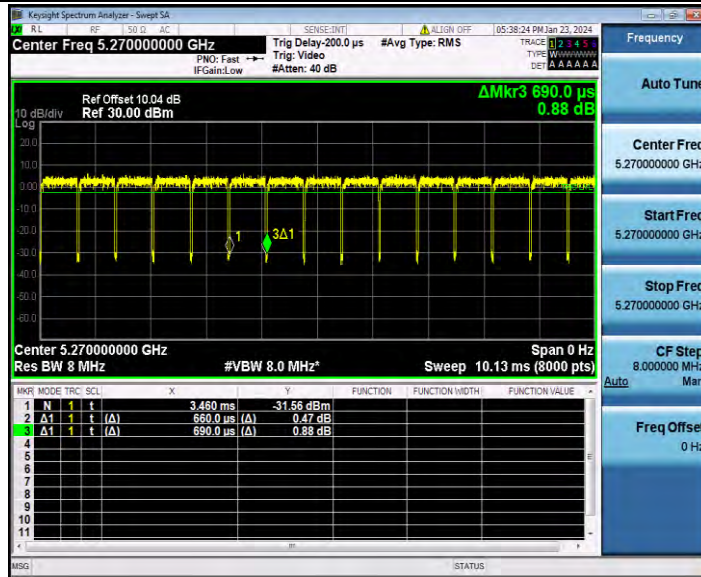
11N20SISO_Ant0_5280



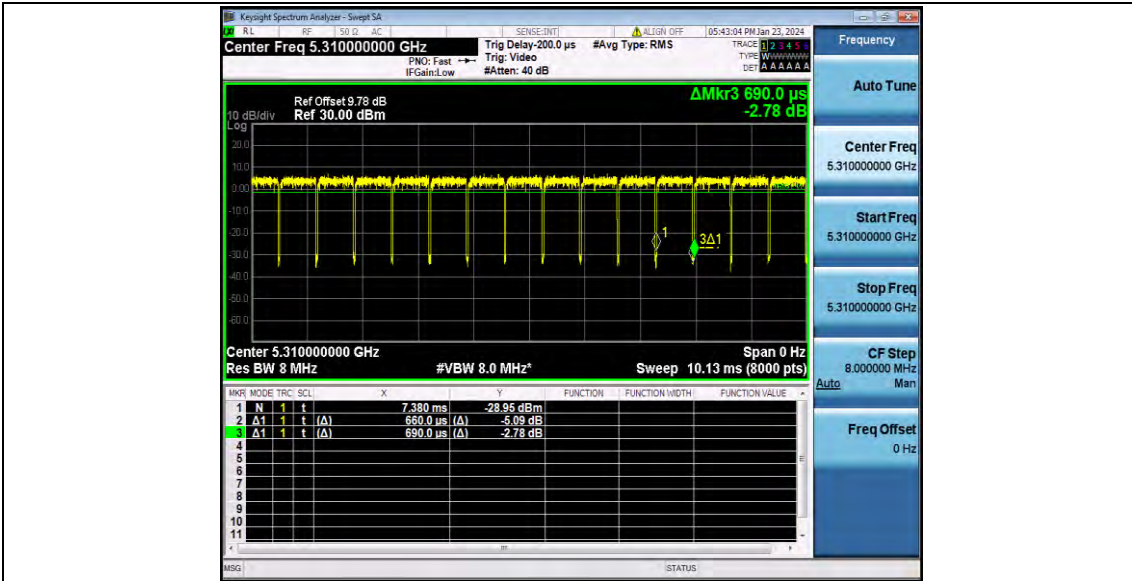
11N20SISO_Ant0_5320



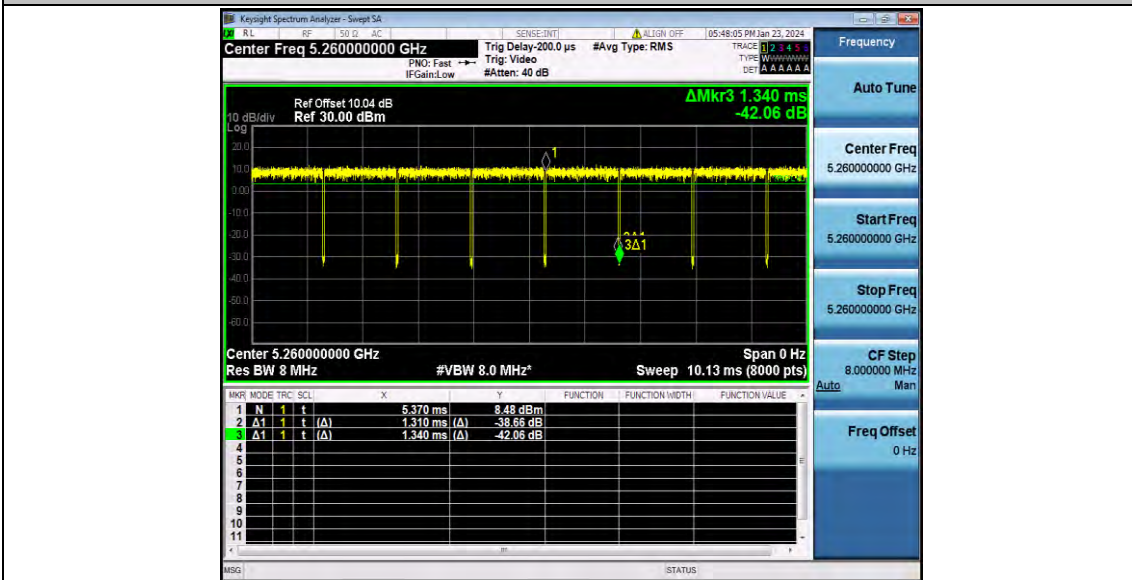
11N40SISO_Ant0_5270



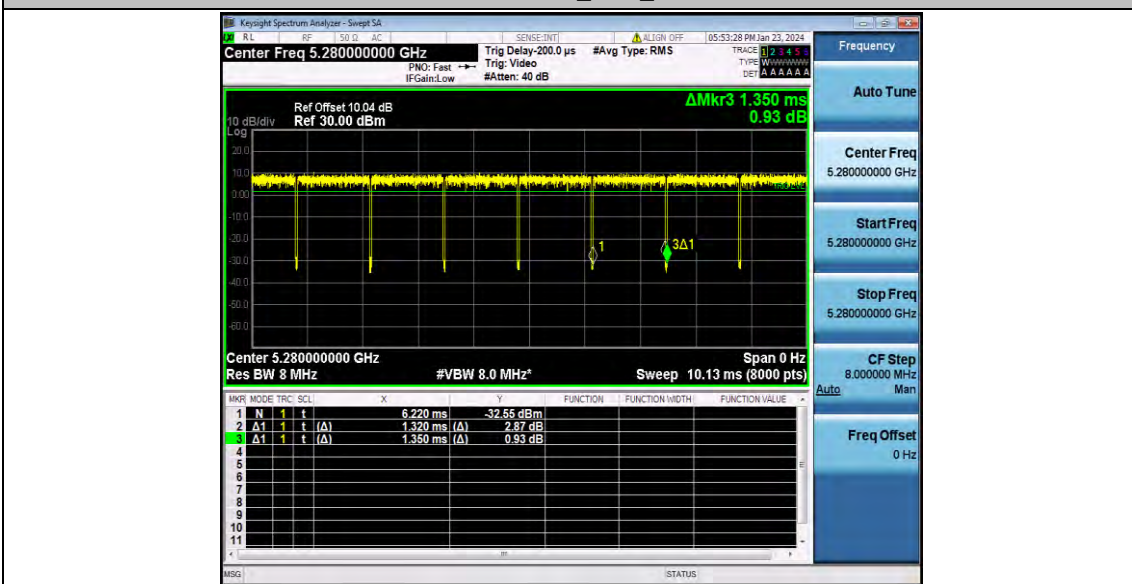
11N40SISO_Ant0_5310



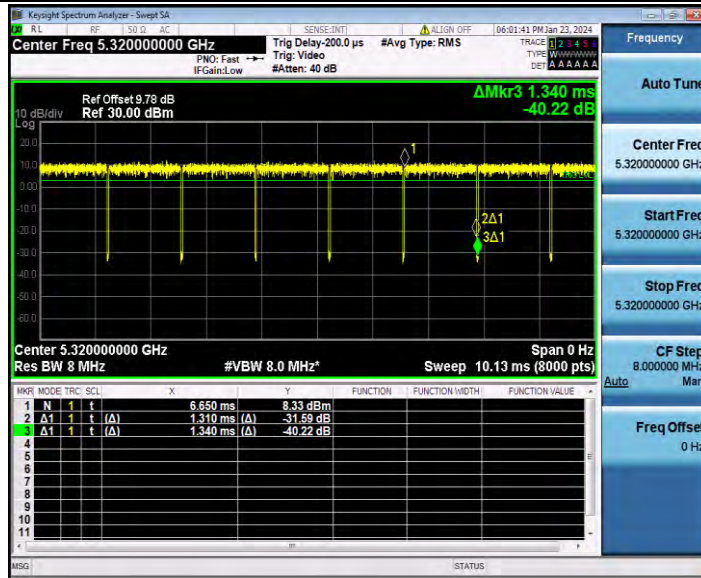
11AC20SISO_Ant0_5260



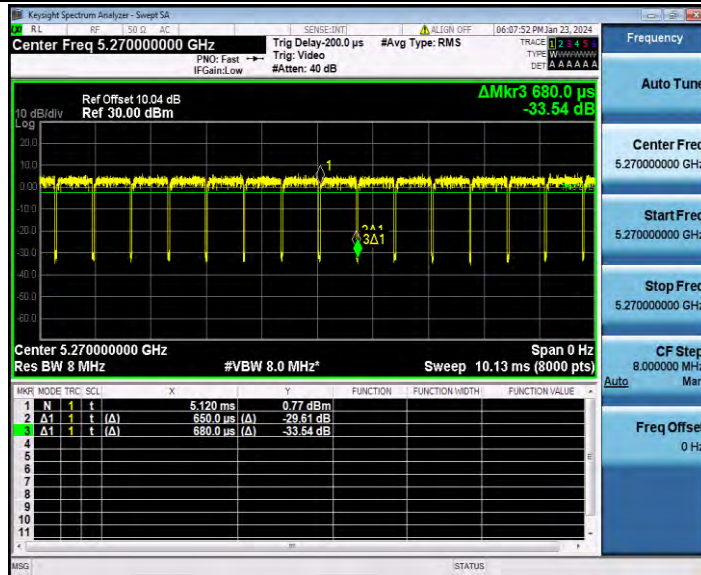
11AC20SISO_Ant0_5280



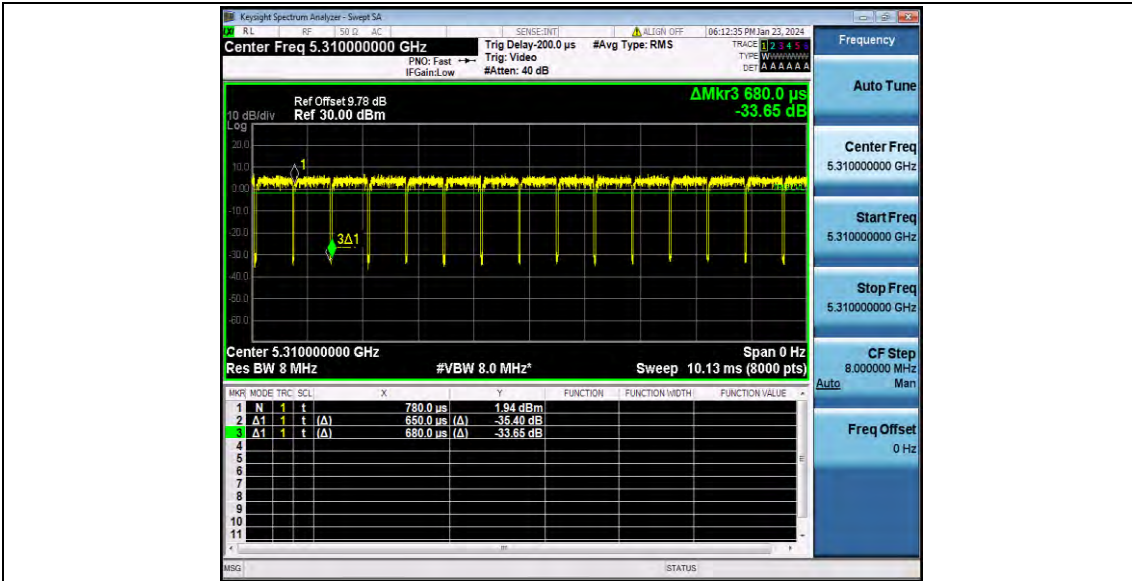
11AC20SISO_Ant0_5320



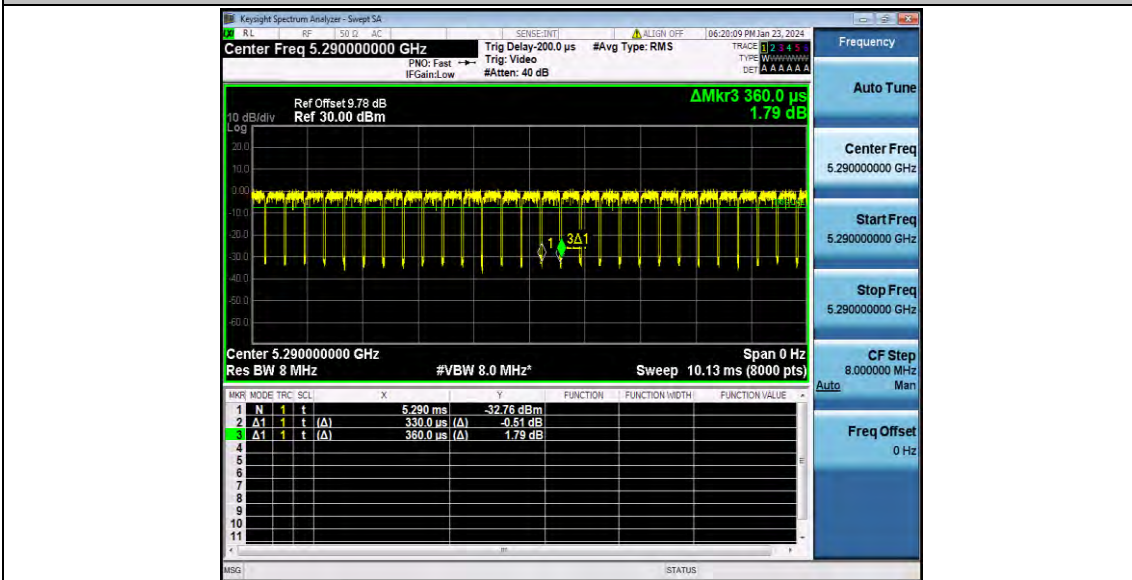
11AC40SISO_Ant0_5270



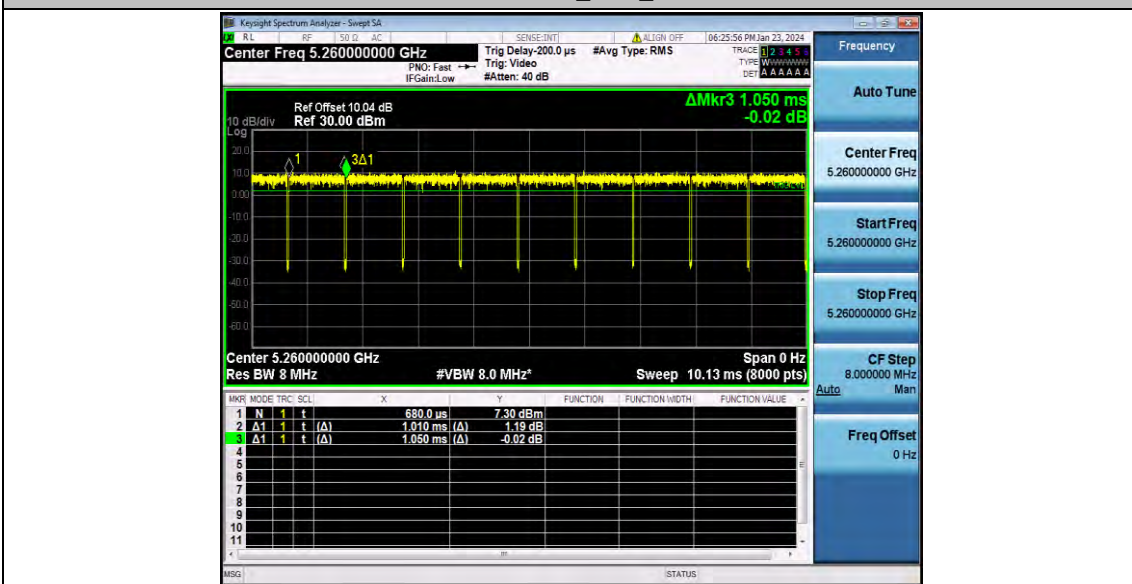
11AC40SISO_Ant0_5310



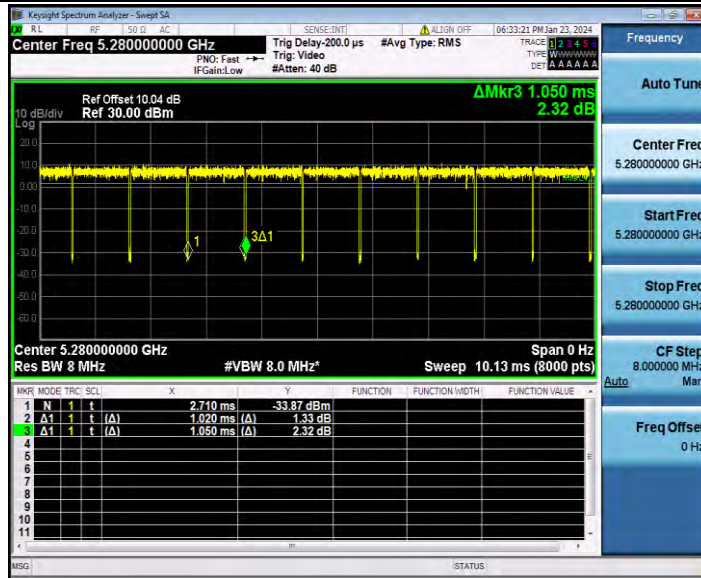
11AC80SISO_Ant0_5290



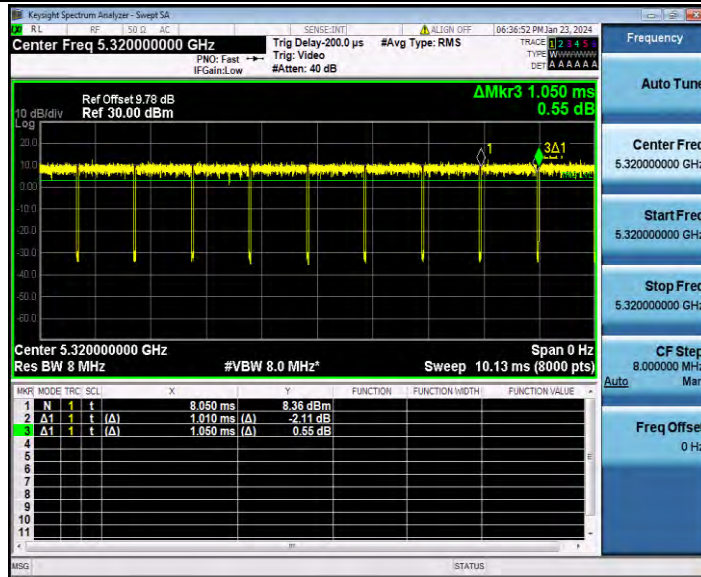
11AX20SISO_Ant0_5260



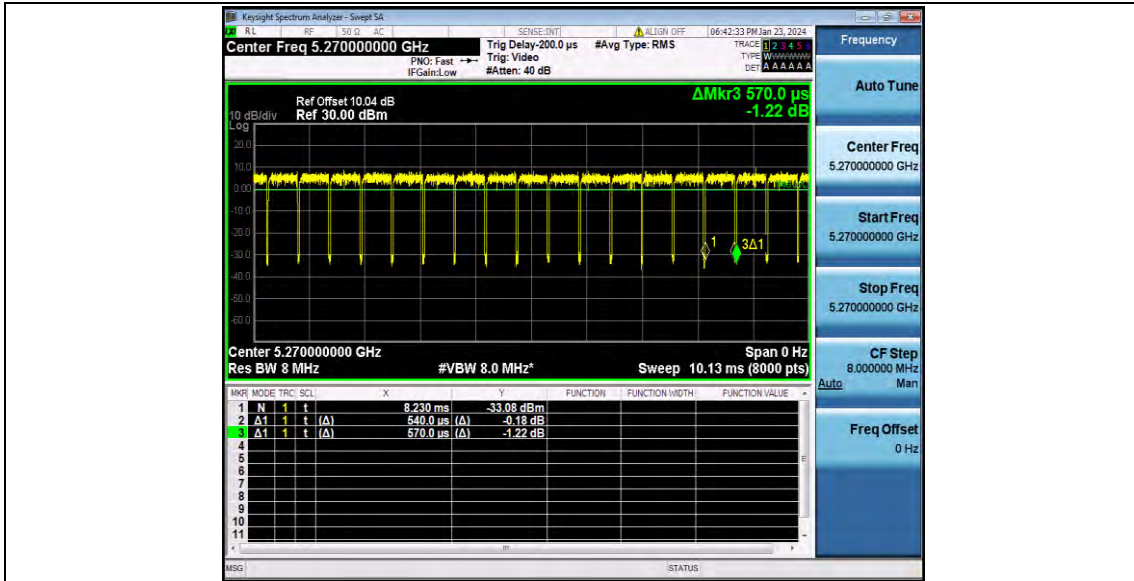
11AX20SISO_Ant0_5280



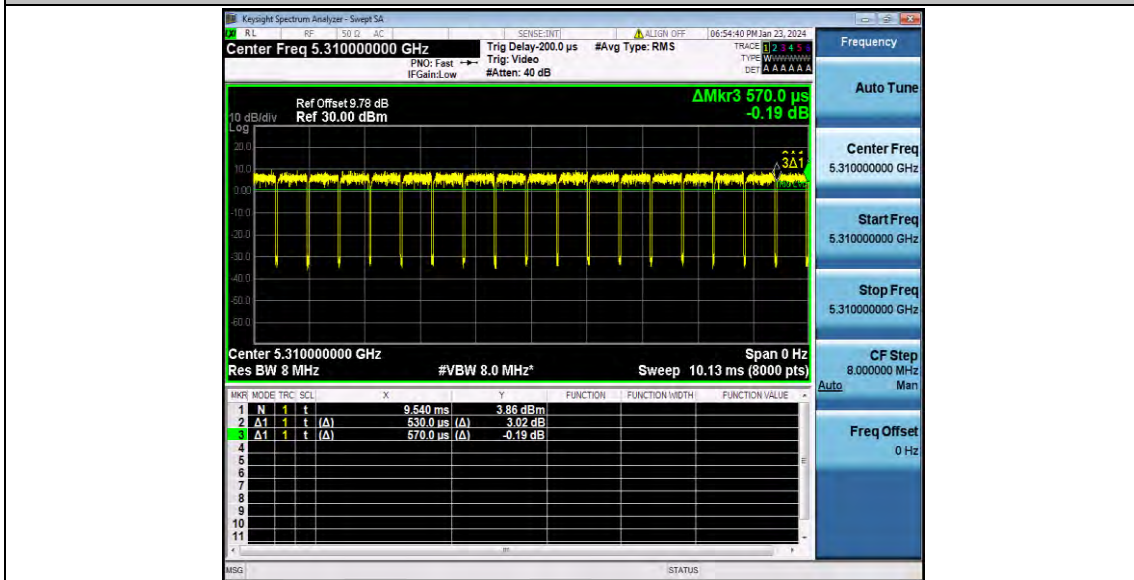
11AX20SISO_Ant0_5320



11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



11AX80SISO_Ant0_5290

