

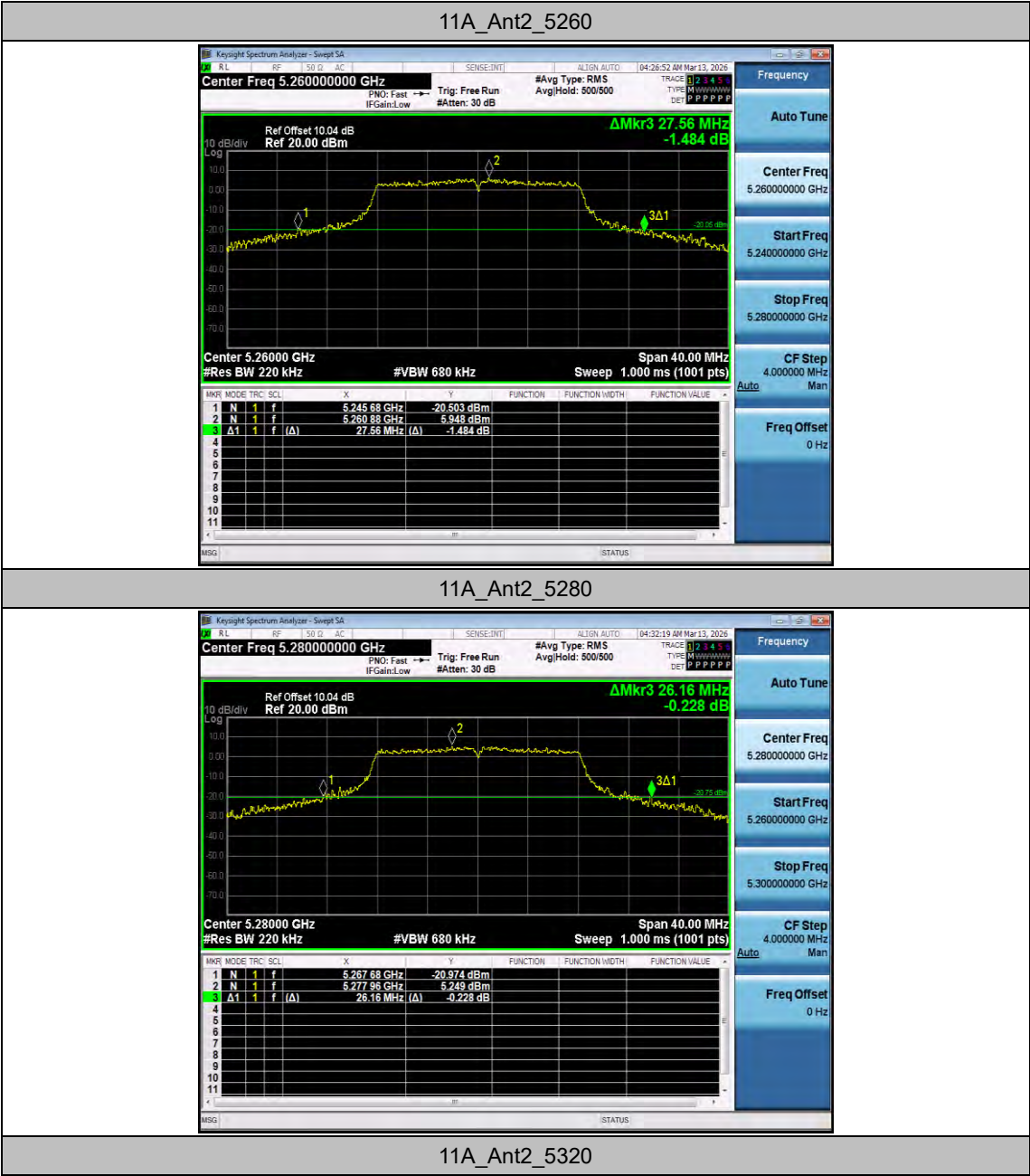
Case No. : <u>GTS20251231004-2-04</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.18-2026.4.01</u> Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5260	27.560	5245.680	5273.240	---	---
		5280	26.160	5267.680	5293.840	---	---
		5320	27.160	5306.240	5333.400	---	---
11N20SISO	Ant2	5260	26.920	5245.520	5272.440	---	---
		5280	24.760	5267.720	5292.480	---	---
		5320	28.680	5305.520	5334.200	---	---
11N40SISO	Ant2	5270	40.560	5249.760	5290.320	---	---
		5310	50.160	5282.800	5332.960	---	---
11AC20SISO	Ant2	5260	24.840	5247.680	5272.520	---	---
		5280	25.960	5267.040	5293.000	---	---
		5320	32.560	5301.800	5334.360	---	---
11AC40SISO	Ant2	5270	40.800	5249.600	5290.400	---	---
		5310	57.920	5277.600	5335.520	---	---
11AC80SISO	Ant2	5290	114.080	5222.160	5336.240	---	---
11AX20SISO	Ant2	5260	27.280	5244.480	5271.760	---	---
		5280	23.040	5268.200	5291.240	---	---
		5320	31.320	5302.760	5334.080	---	---
11AX40SISO	Ant2	5270	39.520	5250.240	5289.760	---	---
		5310	46.080	5287.920	5334.000	---	---
11AX80SISO	Ant2	5290	92.480	5241.360	5333.840	---	---

Test Graphs





11N20SISO_Ant2_5260



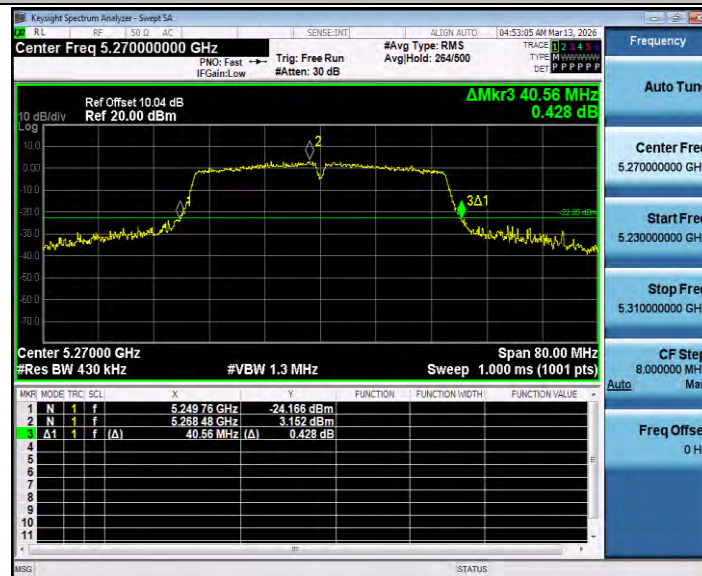
11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



11AC20SISO_Ant2_5280



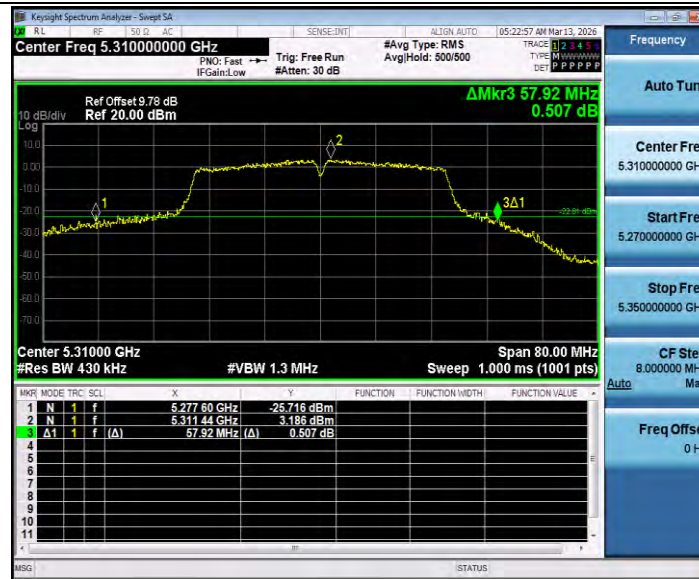
11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



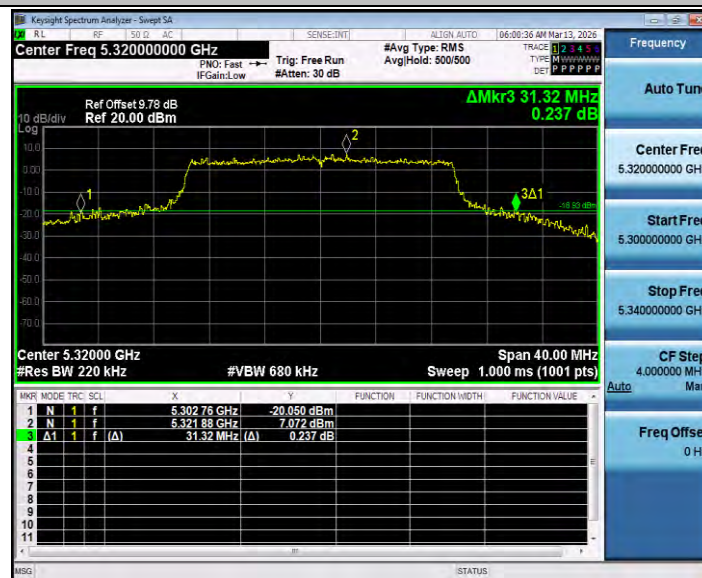
11AX20SISO_Ant2_5260



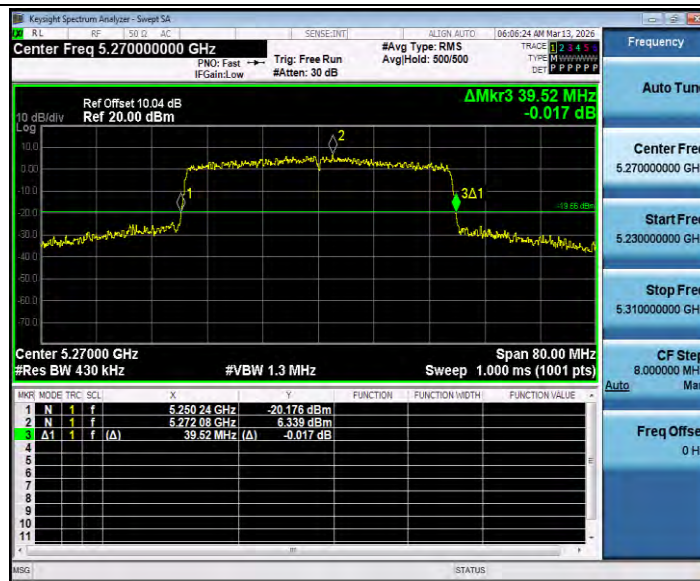
11AX20SISO_Ant2_5280



11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40ISO_Ant2_5310



11AX80ISO_Ant2_5290



Appendix E.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5260	17.595	5251.1935	5268.7885	---	---
		5280	17.499	5271.2555	5288.7545	---	---
		5320	17.936	5311.0069	5328.9429	---	---
11N20SISO	Ant2	5260	18.534	5250.7457	5269.2797	---	---
		5280	18.411	5270.8187	5289.2297	---	---
		5320	18.974	5310.5172	5329.4912	---	---
11N40SISO	Ant2	5270	36.492	5251.7299	5288.2219	---	---
		5310	36.676	5291.6626	5328.3386	---	---
11AC20SISO	Ant2	5260	18.573	5250.7402	5269.3132	---	---
		5280	18.495	5270.7471	5289.2421	---	---
		5320	19.071	5310.3946	5329.4656	---	---
11AC40SISO	Ant2	5270	36.431	5251.7712	5288.2022	---	---
		5310	36.713	5291.6786	5328.3916	---	---
11AC80SISO	Ant2	5290	76.138	5251.9015	5328.0395	---	---
11AX20SISO	Ant2	5260	19.317	5250.3473	5269.6643	---	---
		5280	19.319	5270.3749	5289.6939	---	---
		5320	19.462	5310.2950	5329.7570	---	---
11AX40SISO	Ant2	5270	37.650	5251.1964	5288.8464	---	---
		5310	37.833	5291.0882	5328.9212	---	---
11AX80SISO	Ant2	5290	77.679	5251.1698	5328.8488	---	---

Test Graphs

11A_Ant2_5260



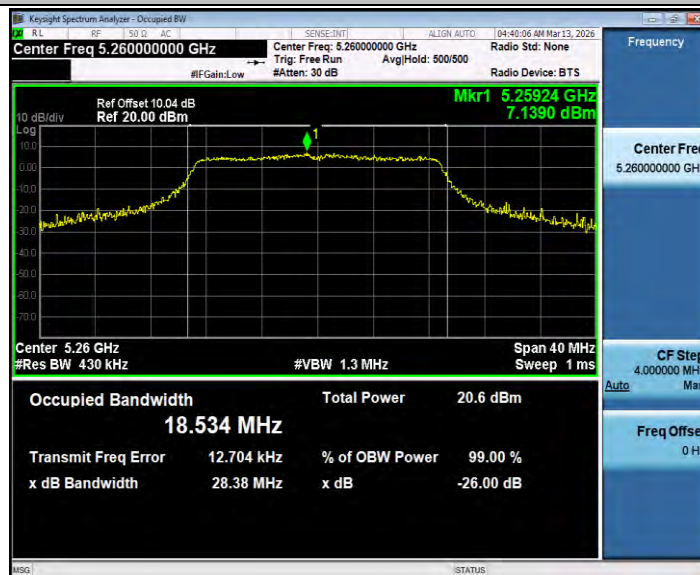
11A_Ant2_5280



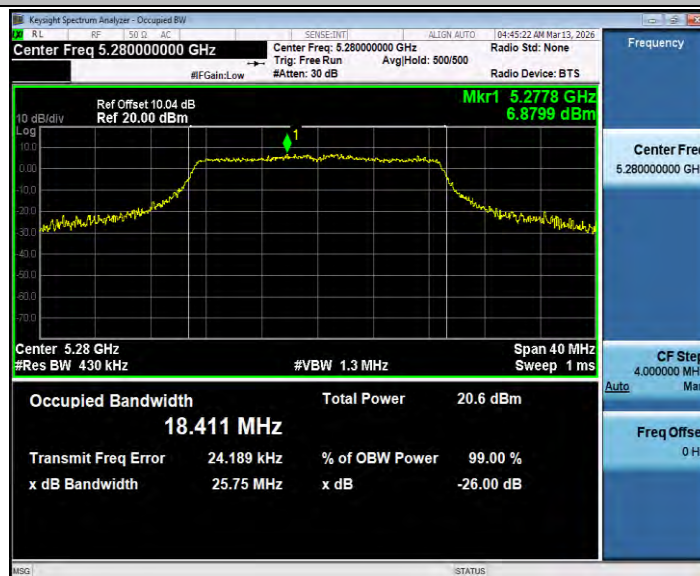
11A_Ant2_5320



11N20SISO_Ant2_5260



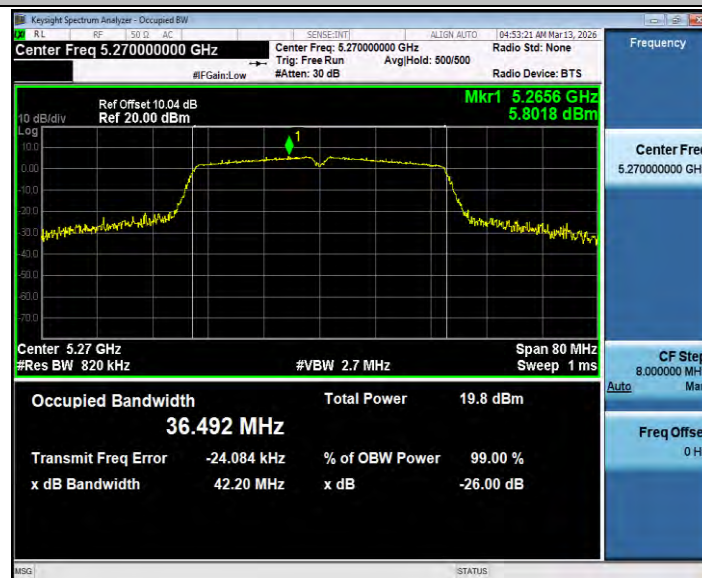
11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



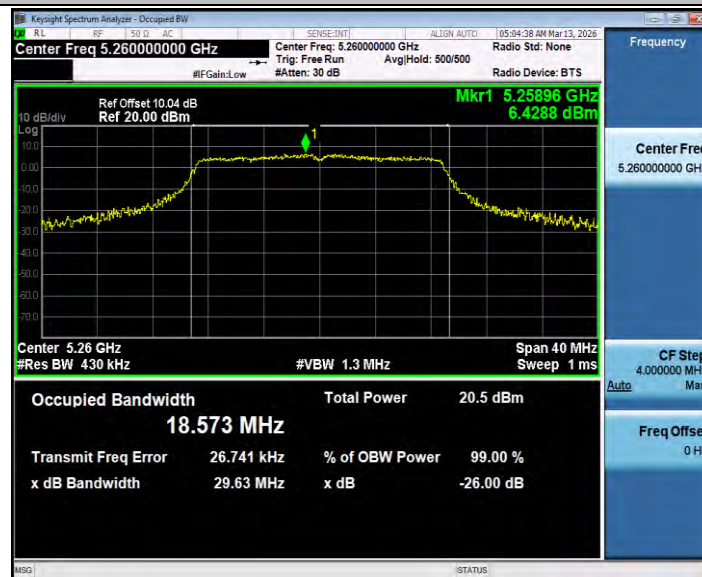
11N40SISO_Ant2_5270



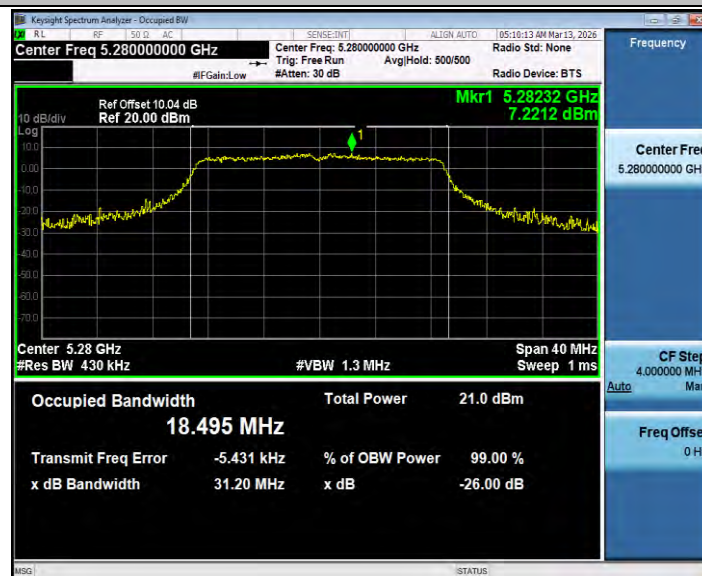
11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



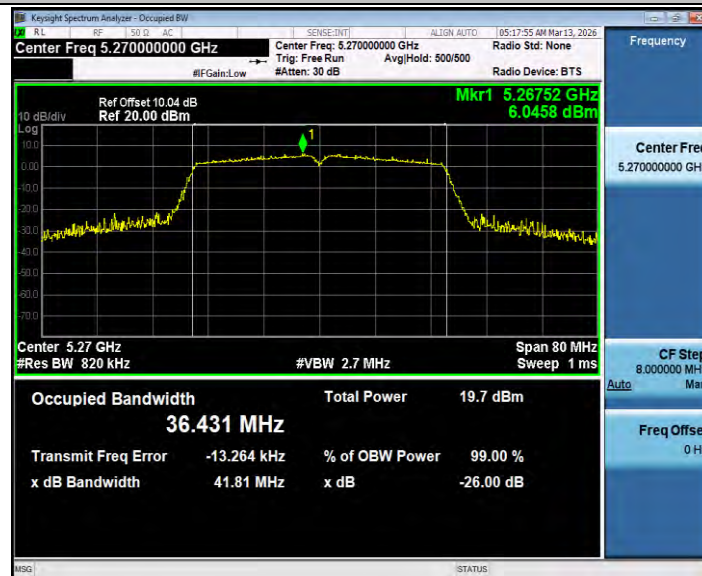
11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



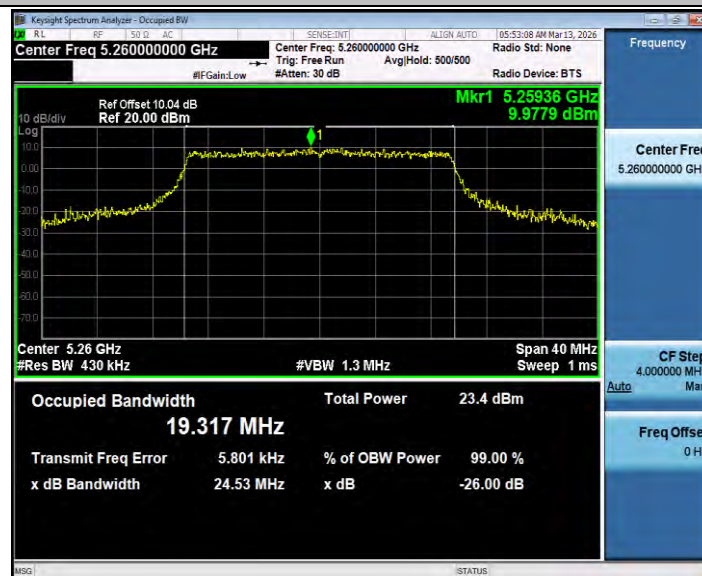
11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



11AX20SISO_Ant2_5260



11AX20SISO_Ant2_5280



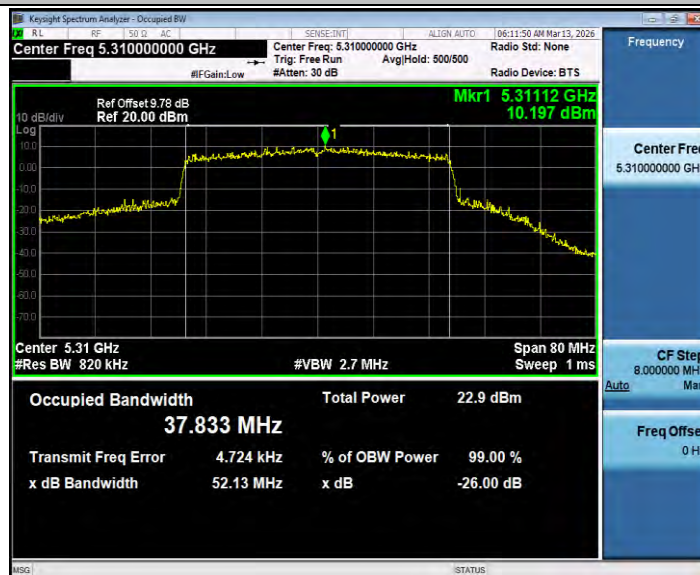
11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40ISO_Ant2_5310



11AX80ISO_Ant2_5290



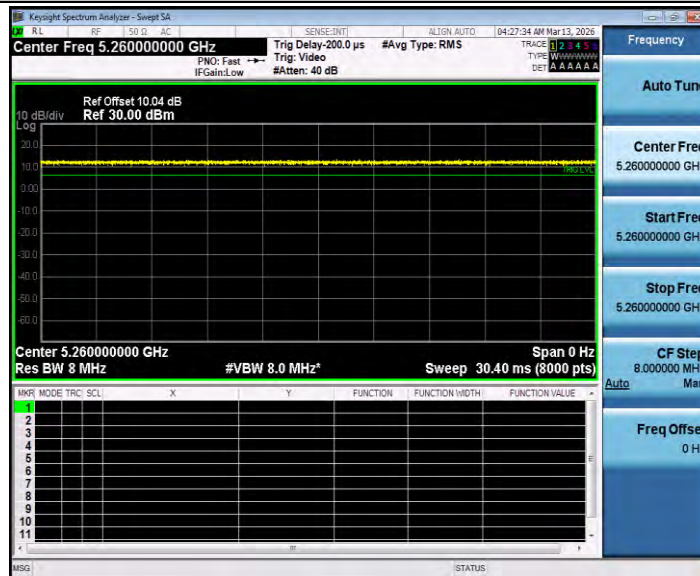
AppendixE.3: Duty Cycle

Test Result

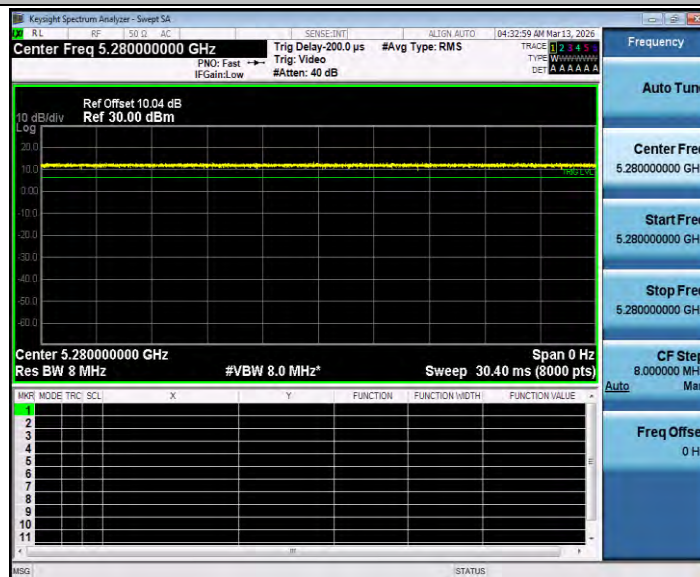
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant2	5270	30.00	30.00	100.00	0.00	0.03
		5310	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant2	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant2	5270	30.00	30.00	100.00	0.00	0.03
		5310	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant2	5290	30.00	30.00	100.00	0.00	0.03
11AX20SISO	Ant2	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11AX40SISO	Ant2	5270	30.00	30.00	100.00	0.00	0.03
		5310	30.00	30.00	100.00	0.00	0.03
11AX80SISO	Ant2	5290	30.00	30.00	100.00	0.00	0.03

Test Graphs

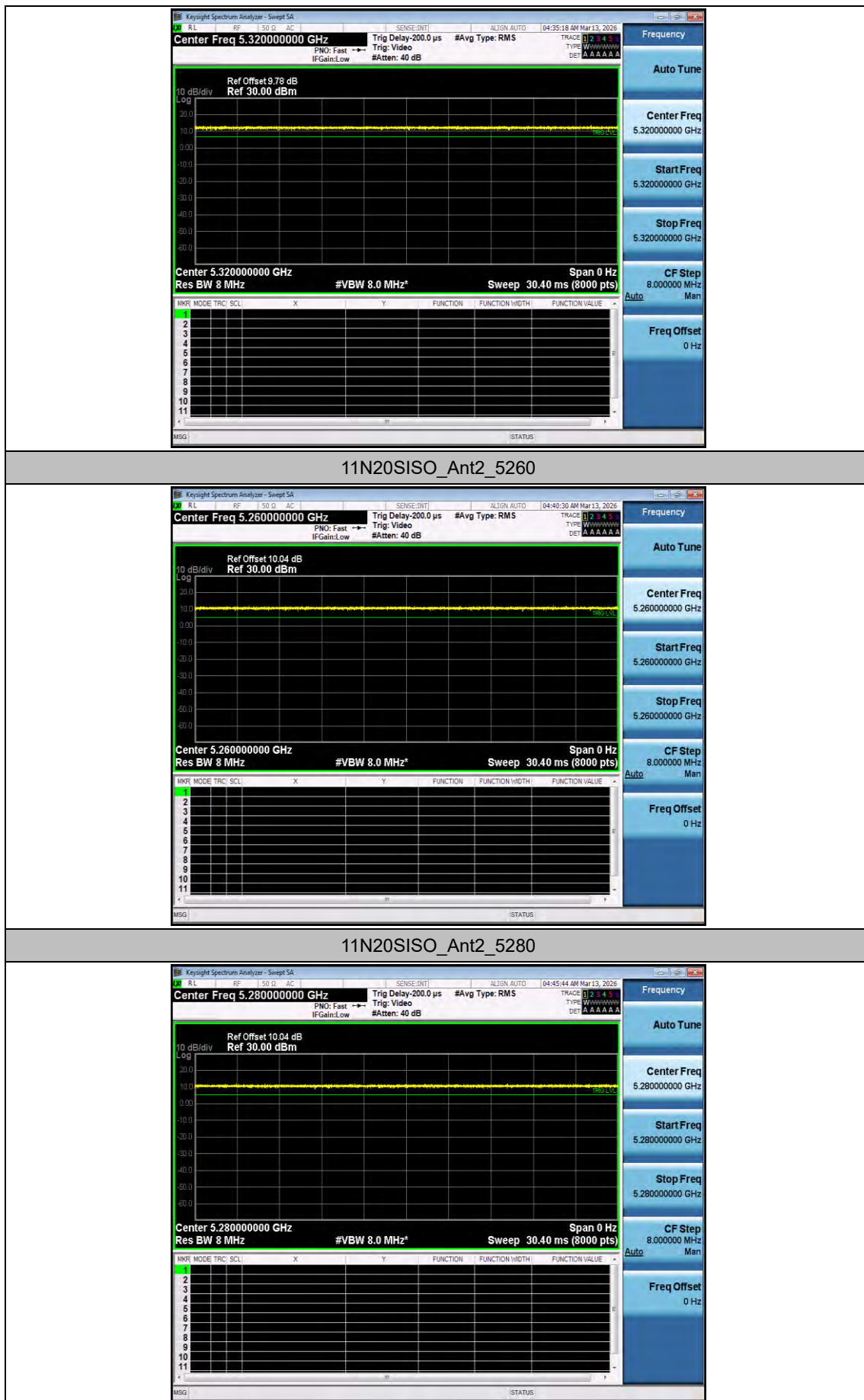
11A_Ant2_5260



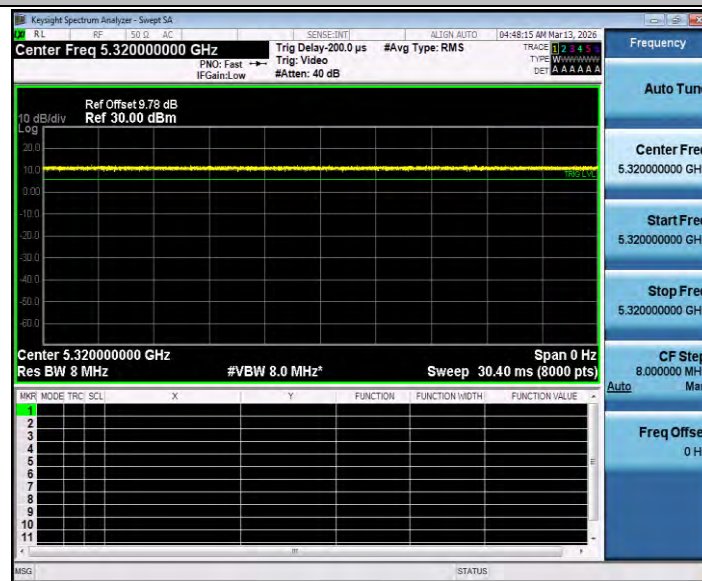
11A_Ant2_5280



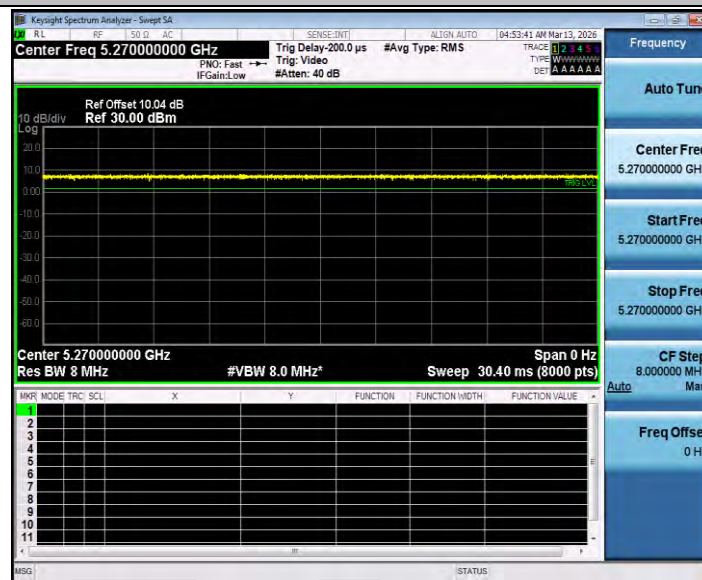
11A_Ant2_5320



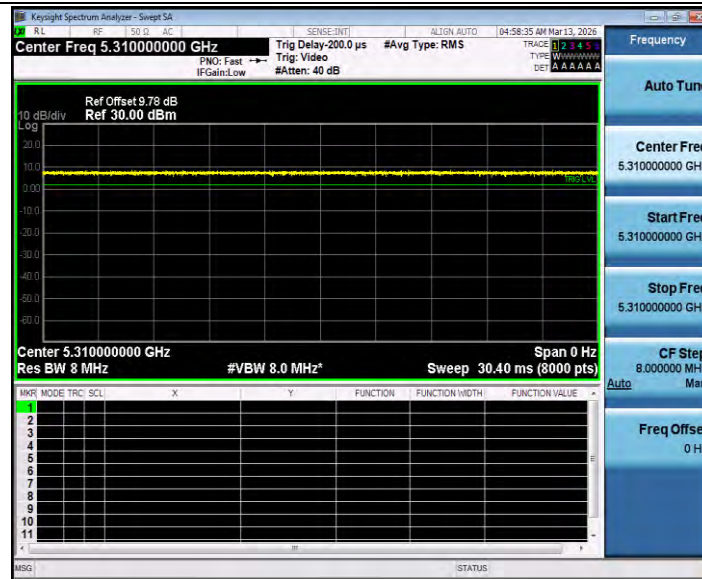
11N20SISO_Ant2_5320



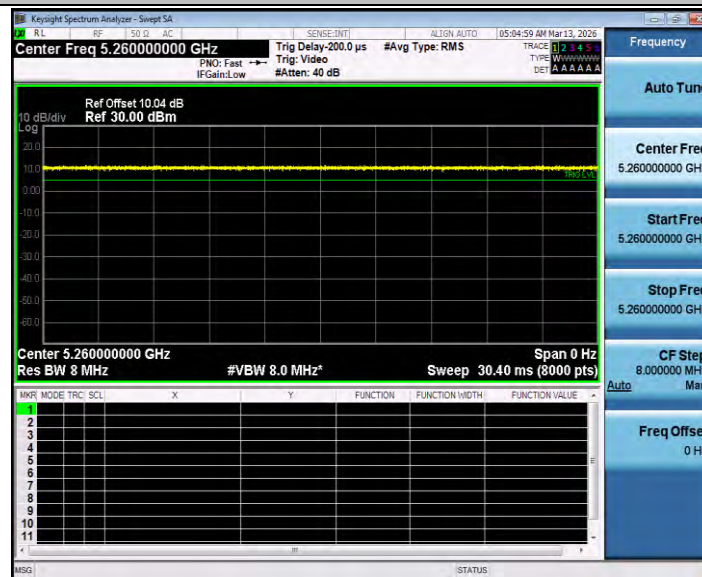
11N40SISO_Ant2_5270



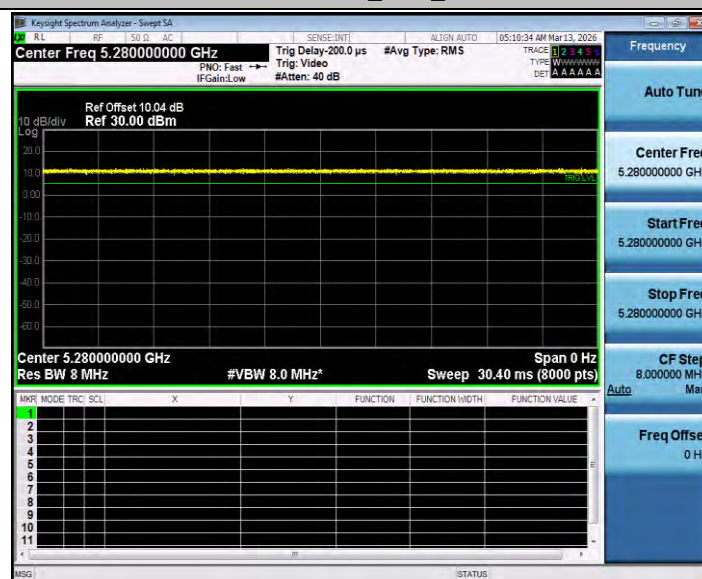
11N40SISO_Ant2_5310



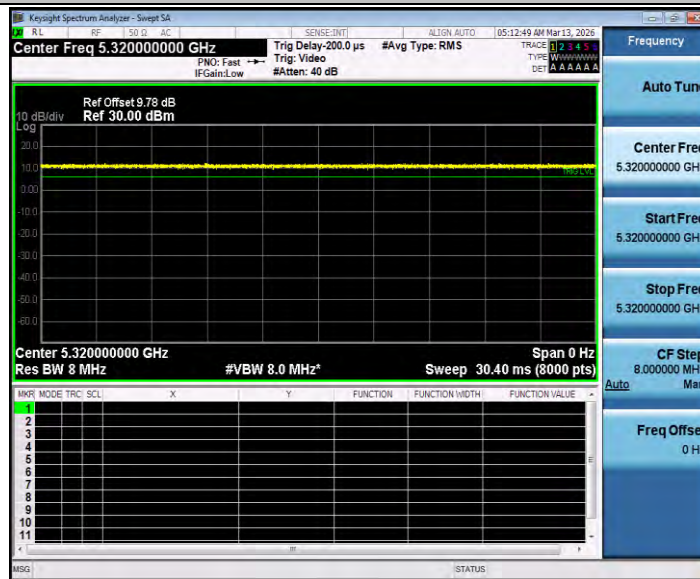
11AC20SISO_Ant2_5260



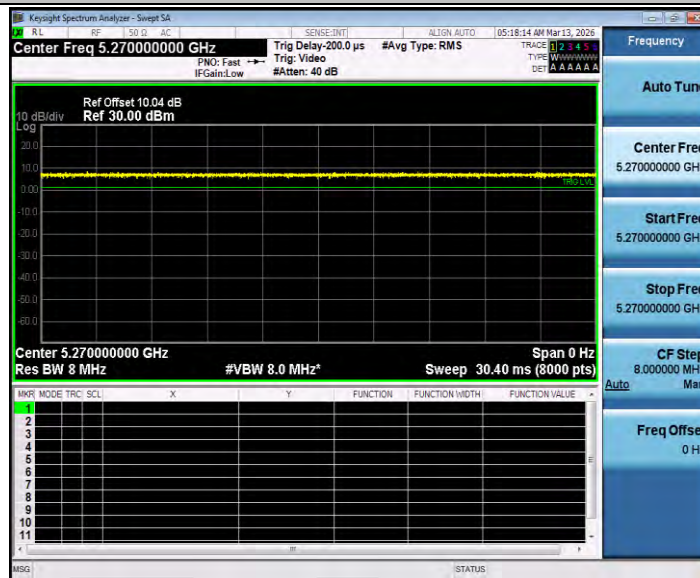
11AC20SISO_Ant2_5280



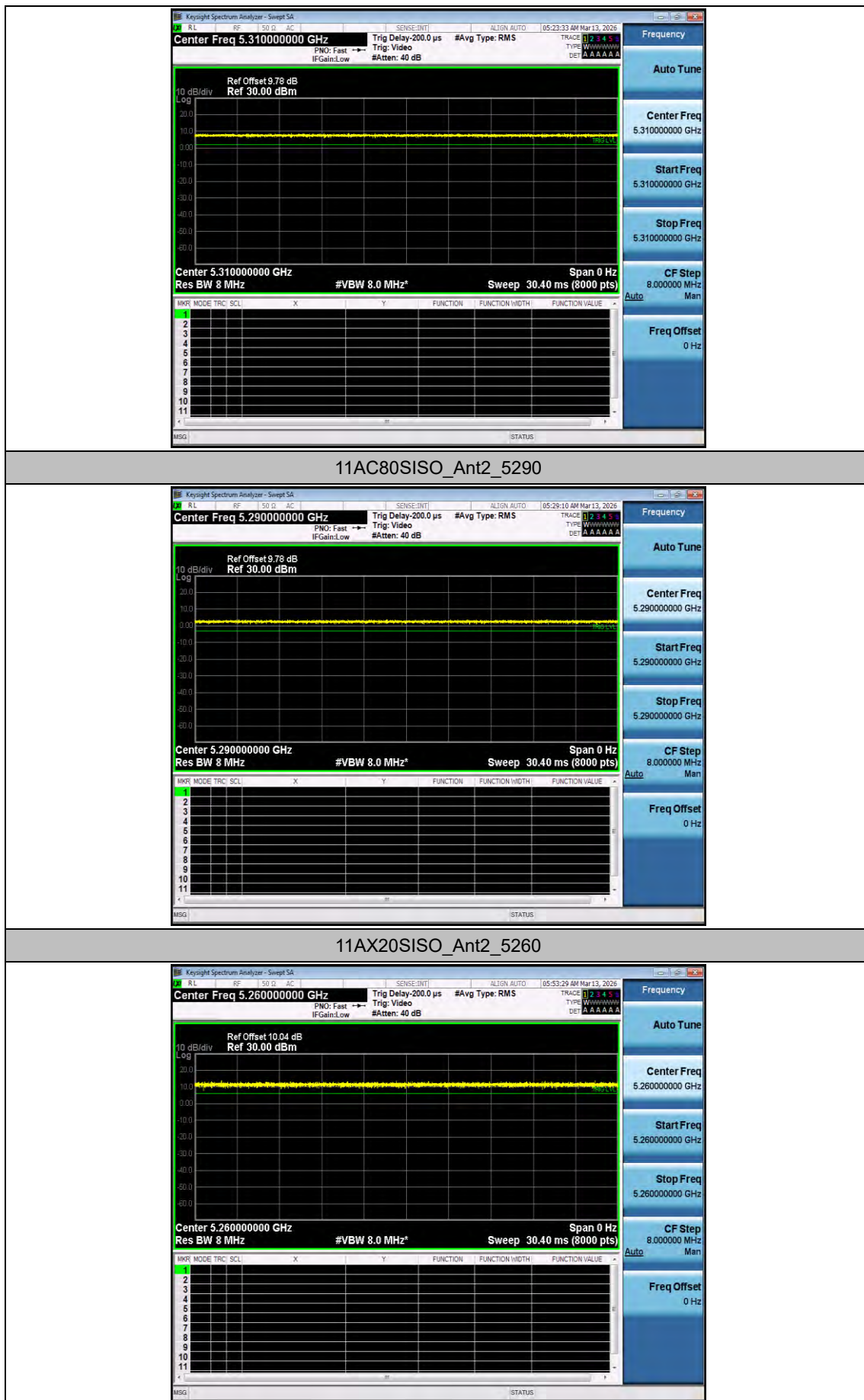
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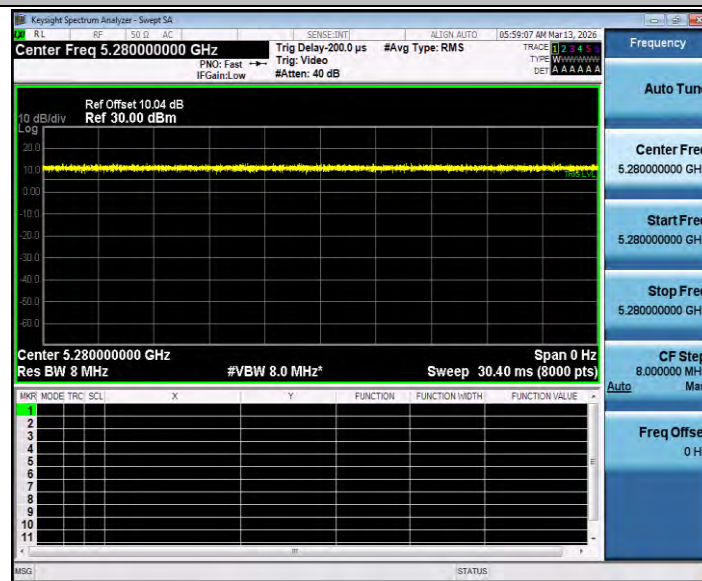
11AC40SISO_Ant2_5270



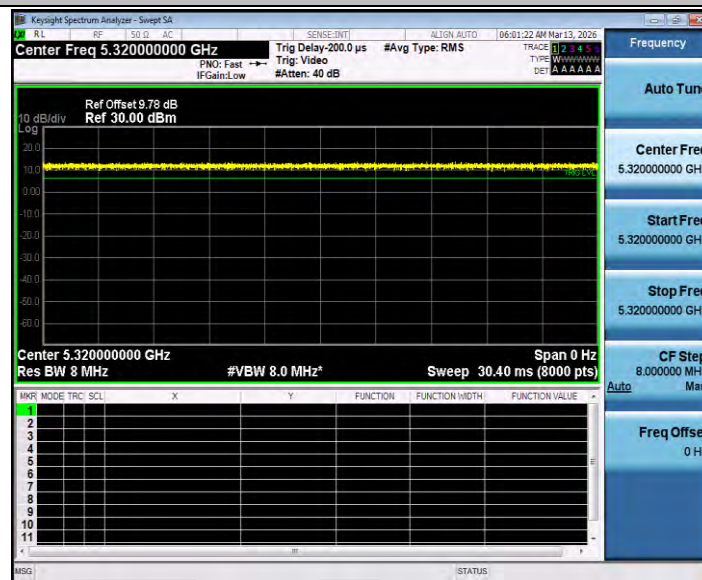
11AC40SISO_Ant2_5310



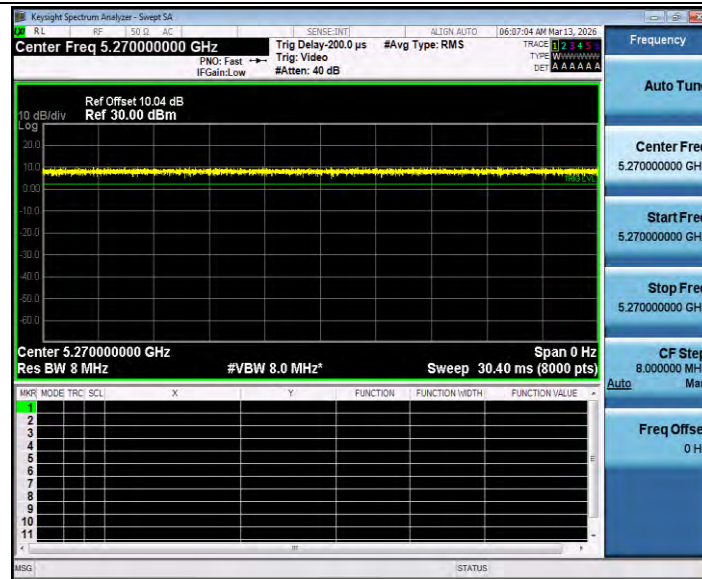
11AX20SISO_Ant2_5280



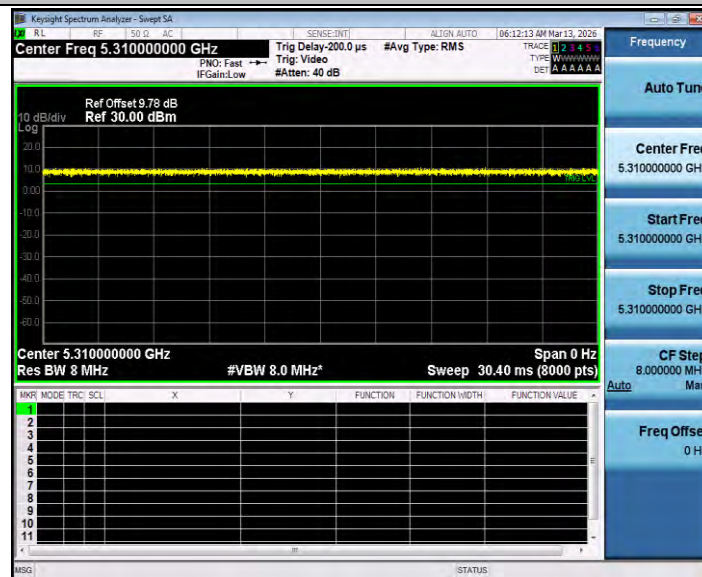
11AX20SISO_Ant2_5320



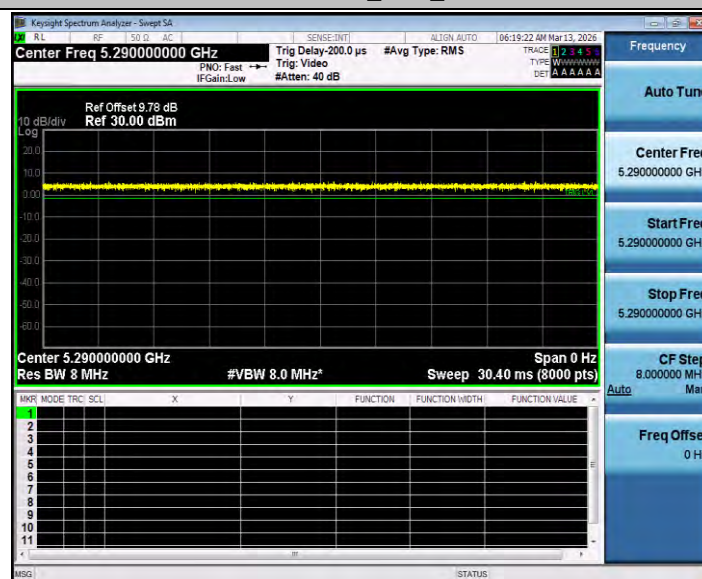
11AX40SISO_Ant2_5270



11AX40ISO_Ant2_5310



11AX80ISO_Ant2_5290



Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5260	15.08	100.00	0.00	15.08	≤23.98	PASS
		5280	14.72	100.00	0.00	14.72	≤23.98	PASS
		5320	15.03	100.00	0.00	15.03	≤23.98	PASS
11N20SISO	Ant2	5260	13.75	100.00	0.00	13.75	≤23.98	PASS
		5280	13.72	100.00	0.00	13.72	≤23.98	PASS
		5320	14.07	100.00	0.00	14.07	≤23.98	PASS
11N40SISO	Ant2	5270	12.59	100.00	0.00	12.59	≤23.98	PASS
		5310	12.90	100.00	0.00	12.90	≤23.98	PASS
11AC20SISO	Ant2	5260	13.71	100.00	0.00	13.71	≤23.98	PASS
		5280	14.14	100.00	0.00	14.14	≤23.98	PASS
		5320	14.10	100.00	0.00	14.10	≤23.98	PASS
11AC40SISO	Ant2	5270	12.48	100.00	0.00	12.48	≤23.98	PASS
		5310	12.96	100.00	0.00	12.96	≤23.98	PASS
11AC80SISO	Ant2	5290	12.37	100.00	0.00	12.37	≤23.98	PASS
11AX20SISO	Ant2	5260	14.87	100.00	0.00	14.87	≤23.98	PASS
		5280	14.42	100.00	0.00	14.42	≤23.98	PASS
		5320	15.28	100.00	0.00	15.28	≤23.98	PASS
11AX40SISO	Ant2	5270	13.40	100.00	0.00	13.40	≤23.98	PASS
		5310	14.09	100.00	0.00	14.09	≤23.98	PASS
11AX80SISO	Ant2	5290	13.68	100.00	0.00	13.68	≤23.98	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5260	4.10	≤11.00	PASS
		5280	3.92	≤11.00	PASS
		5320	4.52	≤11.00	PASS
11N20SISO	Ant2	5260	2.55	≤11.00	PASS
		5280	2.54	≤11.00	PASS
		5320	2.91	≤11.00	PASS
11N40SISO	Ant2	5270	-0.91	≤11.00	PASS
		5310	-0.56	≤11.00	PASS
11AC20SISO	Ant2	5260	2.51	≤11.00	PASS
		5280	2.94	≤11.00	PASS
		5320	3.19	≤11.00	PASS
11AC40SISO	Ant2	5270	-1.36	≤11.00	PASS
		5310	-0.49	≤11.00	PASS
11AC80SISO	Ant2	5290	-5.65	≤11.00	PASS
11AX20SISO	Ant2	5260	3.19	≤11.00	PASS
		5280	2.77	≤11.00	PASS
		5320	3.70	≤11.00	PASS
11AX40SISO	Ant2	5270	-0.25	≤11.00	PASS
		5310	0.47	≤11.00	PASS
11AX80SISO	Ant2	5290	-4.56	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant2_5260



11A_Ant2_5280



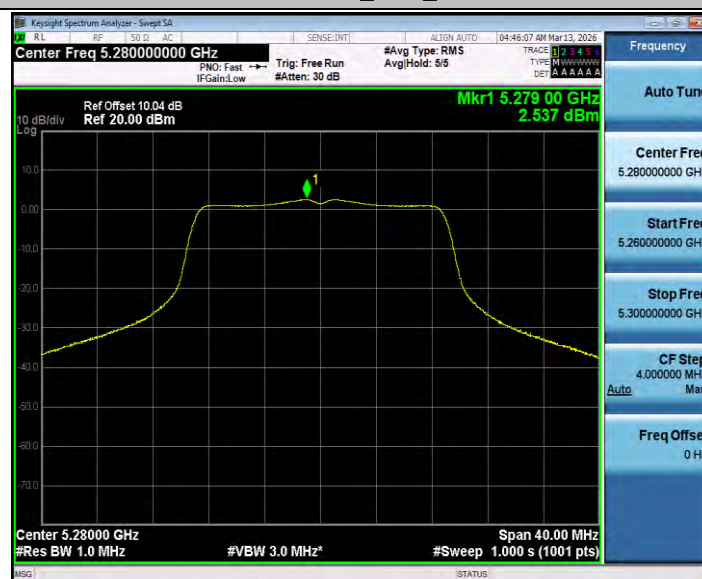
11A_Ant2_5320



11N20SISO_Ant2_5260



11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



11AX20SISO_Ant2_5260



11AX20SISO_Ant2_5280



11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310



11AX80SISO_Ant2_5290

