

Case No. : <u>GTS20251231004-2-04</u>
Ambient Condition: <u>22</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>

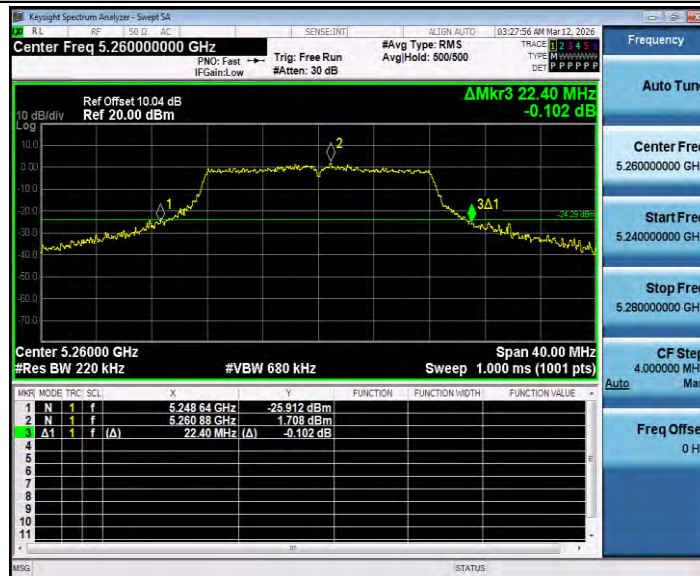
Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	22.400	5248.640	5271.040	---	---
		5280	22.240	5268.800	5291.040	---	---
		5320	28.880	5305.200	5334.080	---	---
11N20SISO	Ant1	5260	27.200	5245.520	5272.720	---	---
		5280	27.360	5266.120	5293.480	---	---
		5320	33.640	5301.840	5335.480	---	---
11N40SISO	Ant1	5270	48.000	5244.800	5292.800	---	---
		5310	57.040	5279.760	5336.800	---	---
11AC20SISO	Ant1	5260	28.840	5244.320	5273.160	---	---
		5280	26.520	5266.600	5293.120	---	---
		5320	31.960	5303.360	5335.320	---	---
11AC40SISO	Ant1	5270	52.400	5241.360	5293.760	---	---
		5310	57.120	5278.960	5336.080	---	---
11AC80SISO	Ant1	5290	126.080	5213.680	5339.760	---	---
11AX20SISO	Ant1	5260	24.160	5247.520	5271.680	---	---
		5280	24.760	5267.800	5292.560	---	---
		5320	34.320	5301.640	5335.960	---	---
11AX40SISO	Ant1	5270	44.080	5248.720	5292.800	---	---
		5310	51.520	5282.080	5333.600	---	---
11AX80SISO	Ant1	5290	111.840	5226.320	5338.160	---	---

Test Graphs

11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



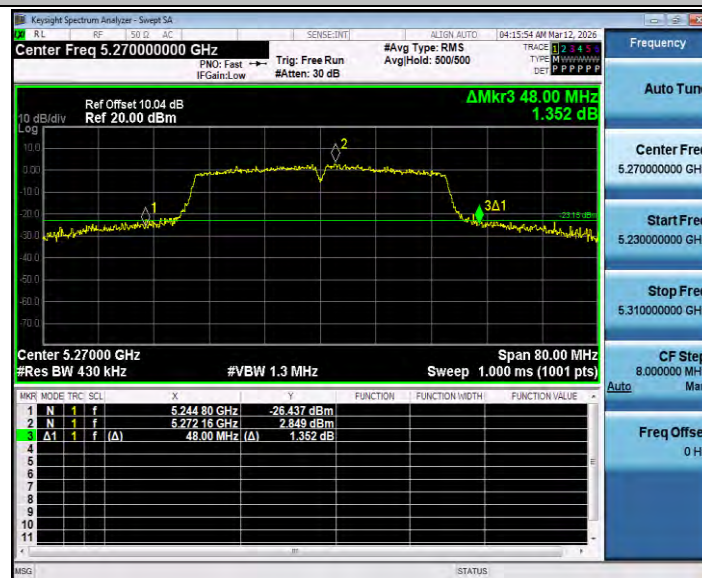
11N20SISO_Ant1_5280



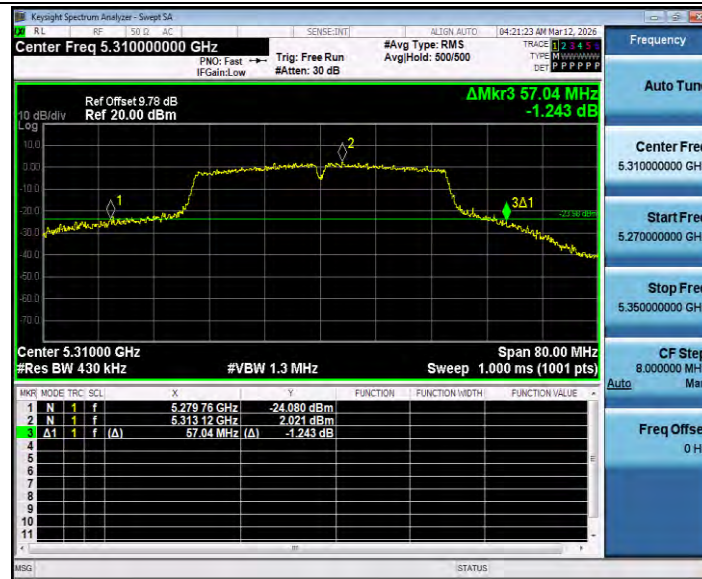
11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



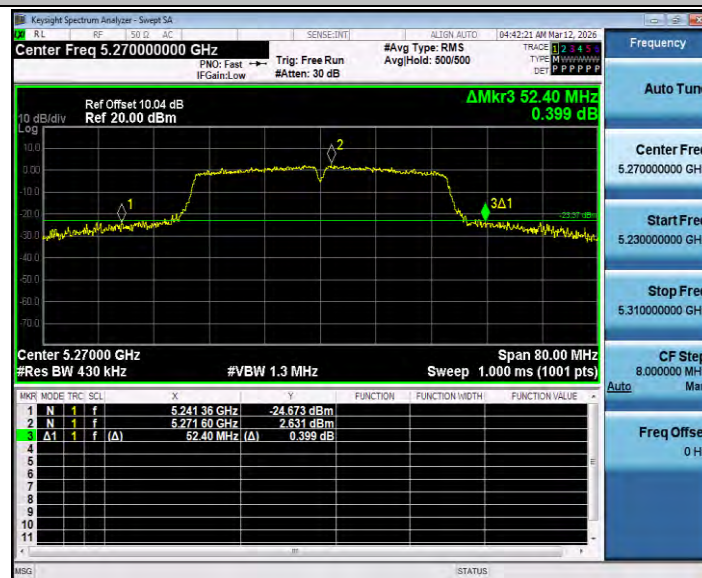
11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



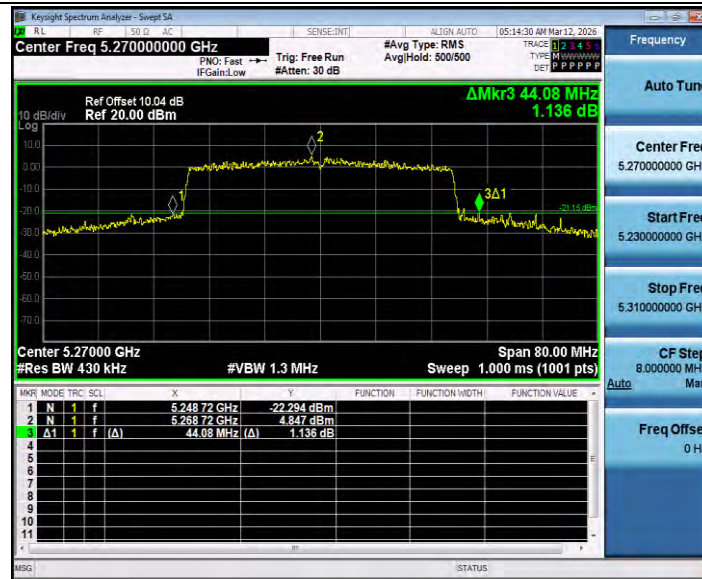
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



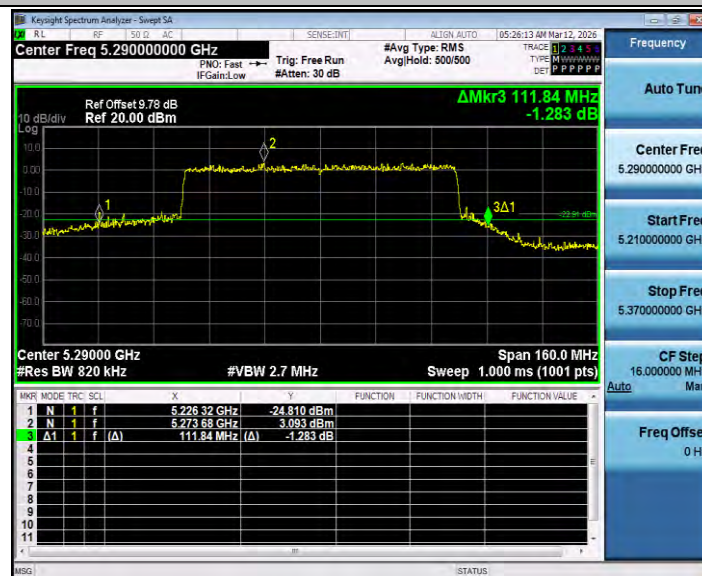
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

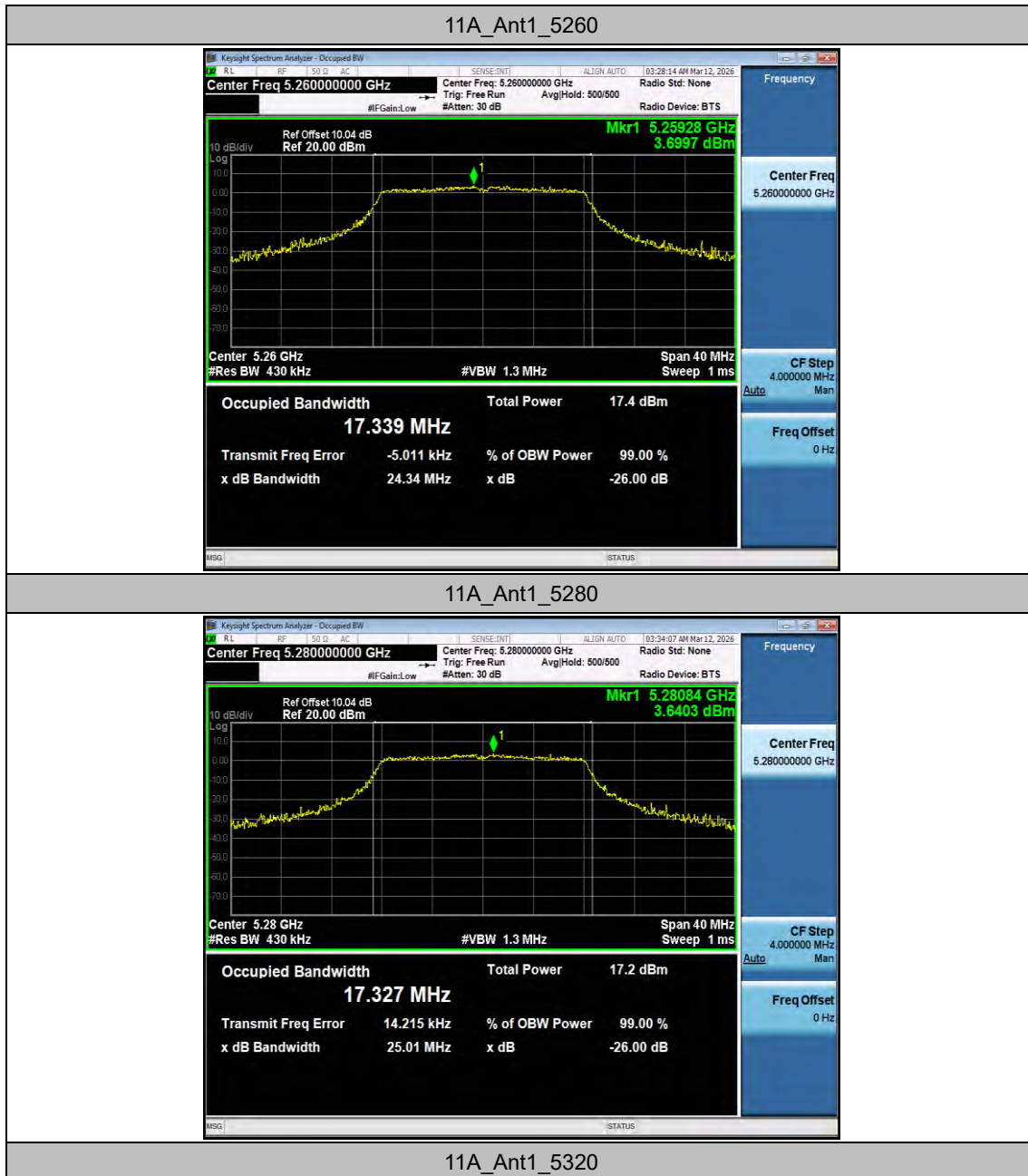


Appendix E.2: Occupied channel bandwidth

Test Result

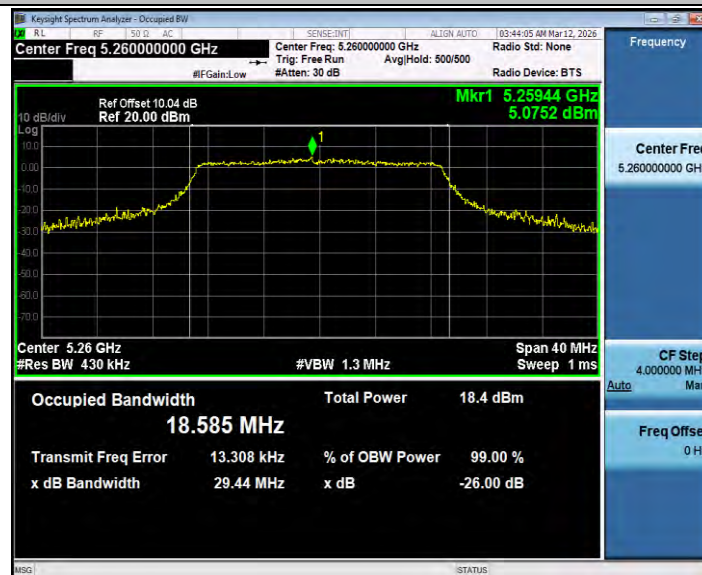
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.339	5251.3255	5268.6645	---	---
		5280	17.327	5271.3507	5288.6777	---	---
		5320	17.938	5311.0692	5329.0072	---	---
11N20SISO	Ant1	5260	18.585	5250.7208	5269.3058	---	---
		5280	18.644	5270.6799	5289.3239	---	---
		5320	19.149	5310.4547	5329.6037	---	---
11N40SISO	Ant1	5270	36.803	5251.5902	5288.3932	---	---
		5310	36.860	5291.6017	5328.4617	---	---
11AC20SISO	Ant1	5260	18.614	5250.6901	5269.3041	---	---
		5280	18.601	5270.7249	5289.3259	---	---
		5320	19.168	5310.4486	5329.6166	---	---
11AC40SISO	Ant1	5270	36.759	5251.6627	5288.4217	---	---
		5310	36.884	5291.6485	5328.5325	---	---
11AC80SISO	Ant1	5290	76.627	5251.6597	5328.2867	---	---
11AX20SISO	Ant1	5260	19.345	5250.3479	5269.6929	---	---
		5280	19.385	5270.3297	5289.7147	---	---
		5320	19.521	5310.2734	5329.7944	---	---
11AX40SISO	Ant1	5270	37.818	5251.1112	5288.9292	---	---
		5310	37.900	5291.1055	5329.0055	---	---
11AX80SISO	Ant1	5290	77.983	5251.0288	5329.0118	---	---

Test Graphs

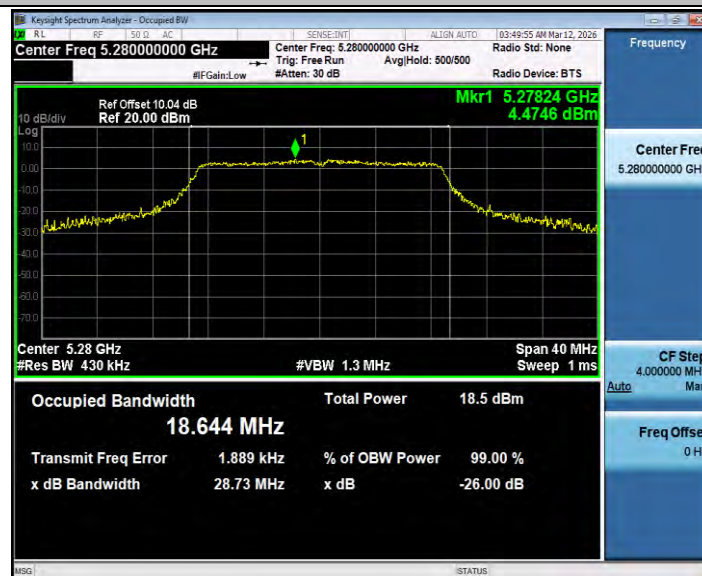




11N20SISO_Ant1_5260



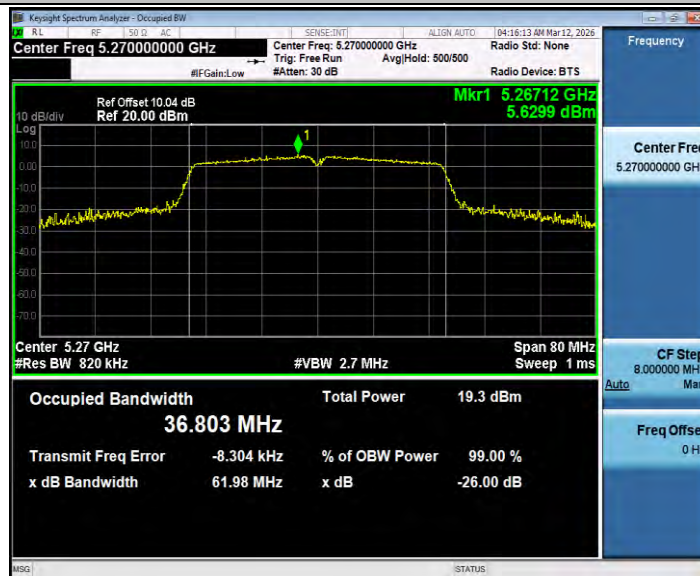
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



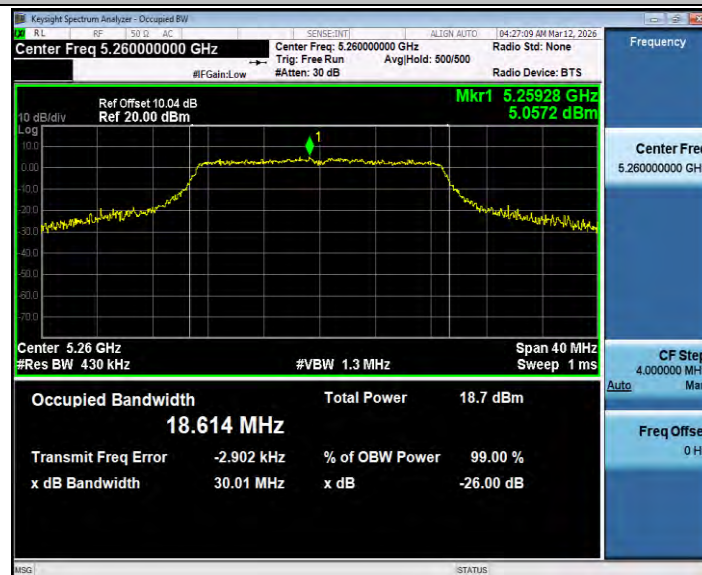
11N40SISO_Ant1_5270



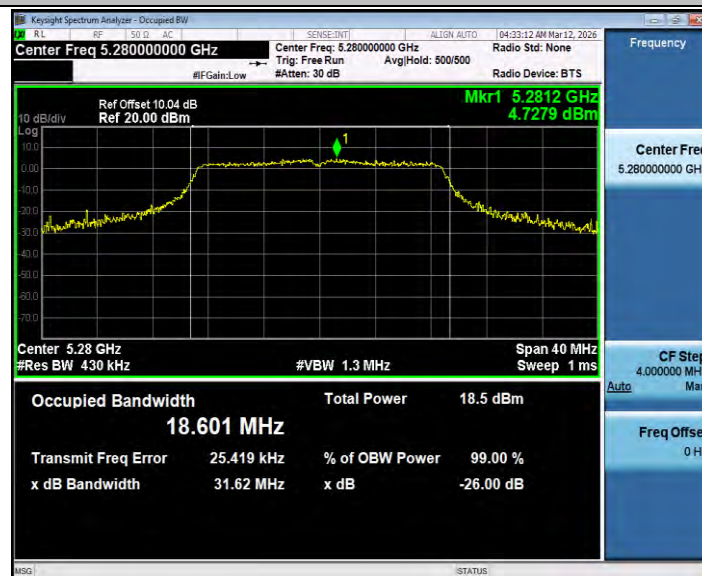
11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



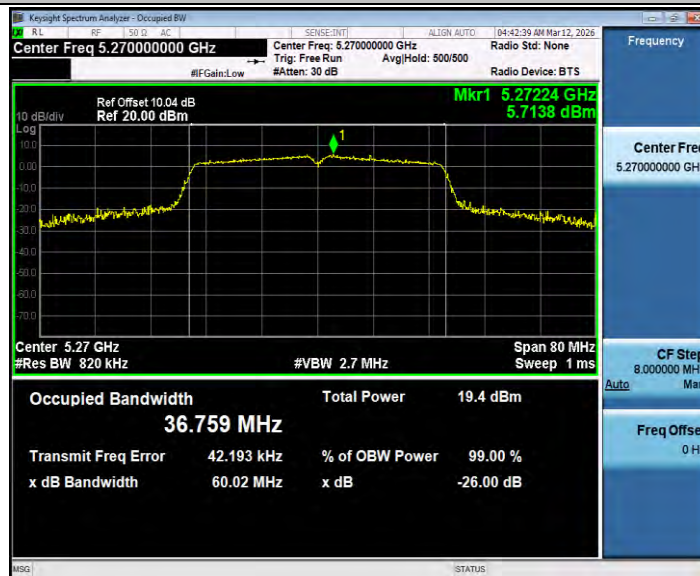
11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



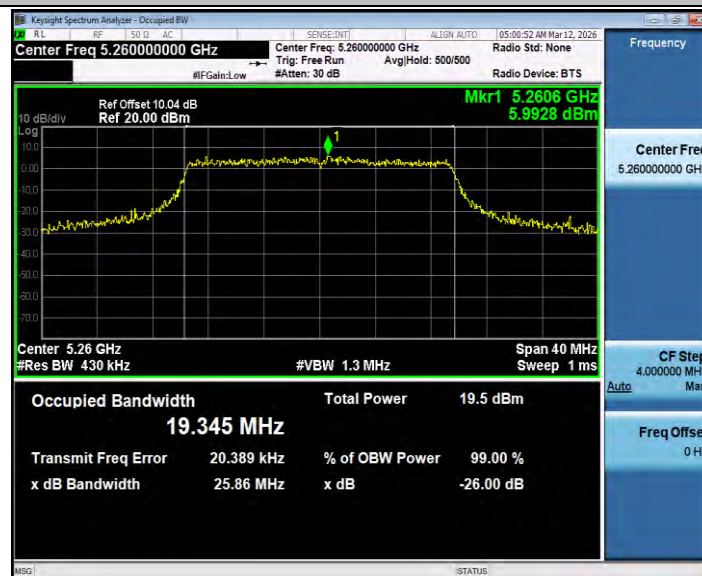
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



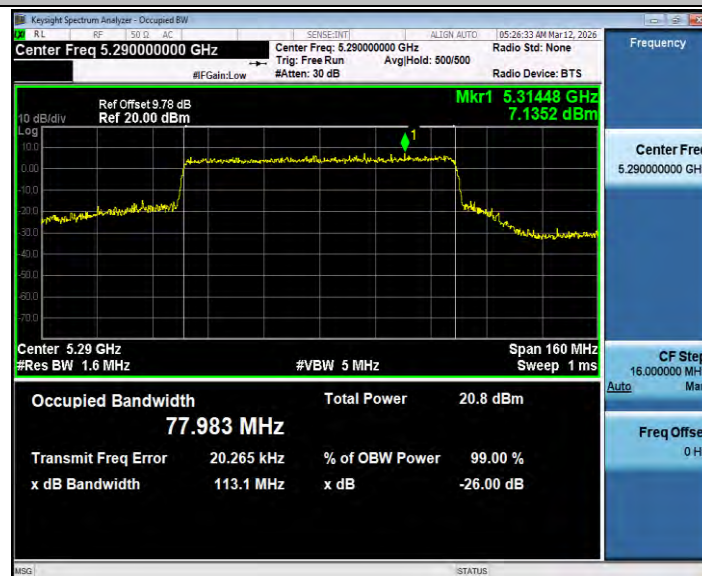
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290



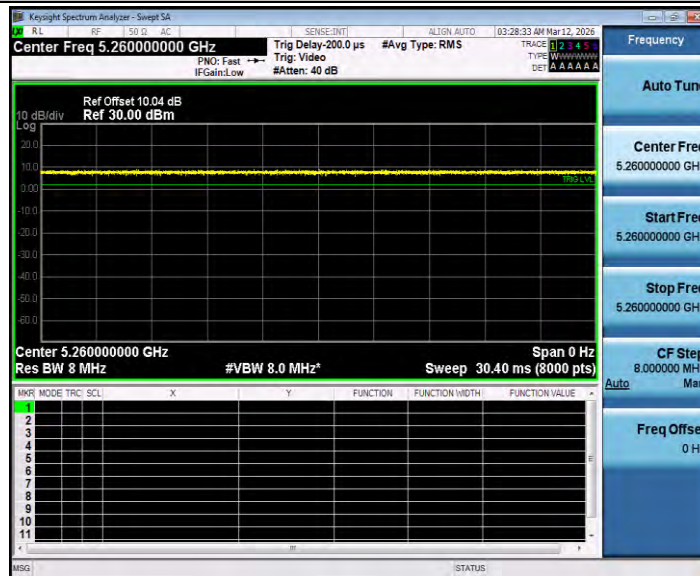
AppendixE.3: Duty Cycle

Test Result

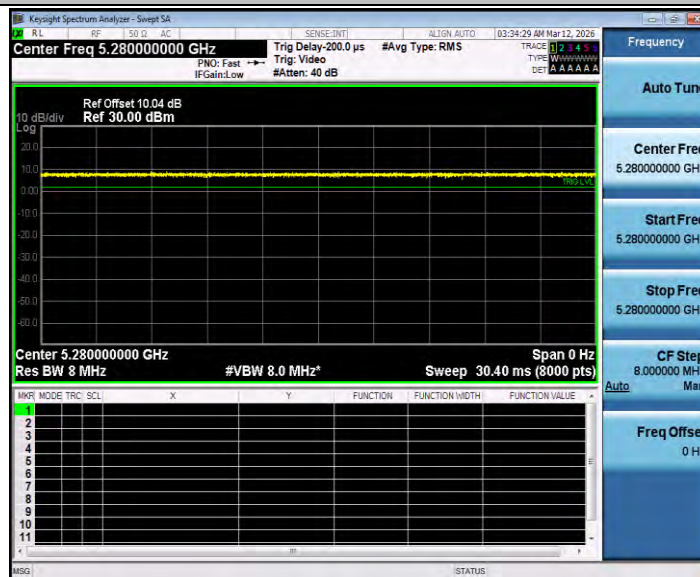
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5270	30.00	30.00	100.00	0.00	0.03
		5310	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	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	Ant1	5270	30.00	30.00	100.00	0.00	0.03
		5310	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5290	30.00	30.00	100.00	0.00	0.03
11AX20SISO	Ant1	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	Ant1	5270	30.00	30.00	100.00	0.00	0.03
		5310	30.00	30.00	100.00	0.00	0.03
11AX80SISO	Ant1	5290	30.00	30.00	100.00	0.00	0.03

Test Graphs

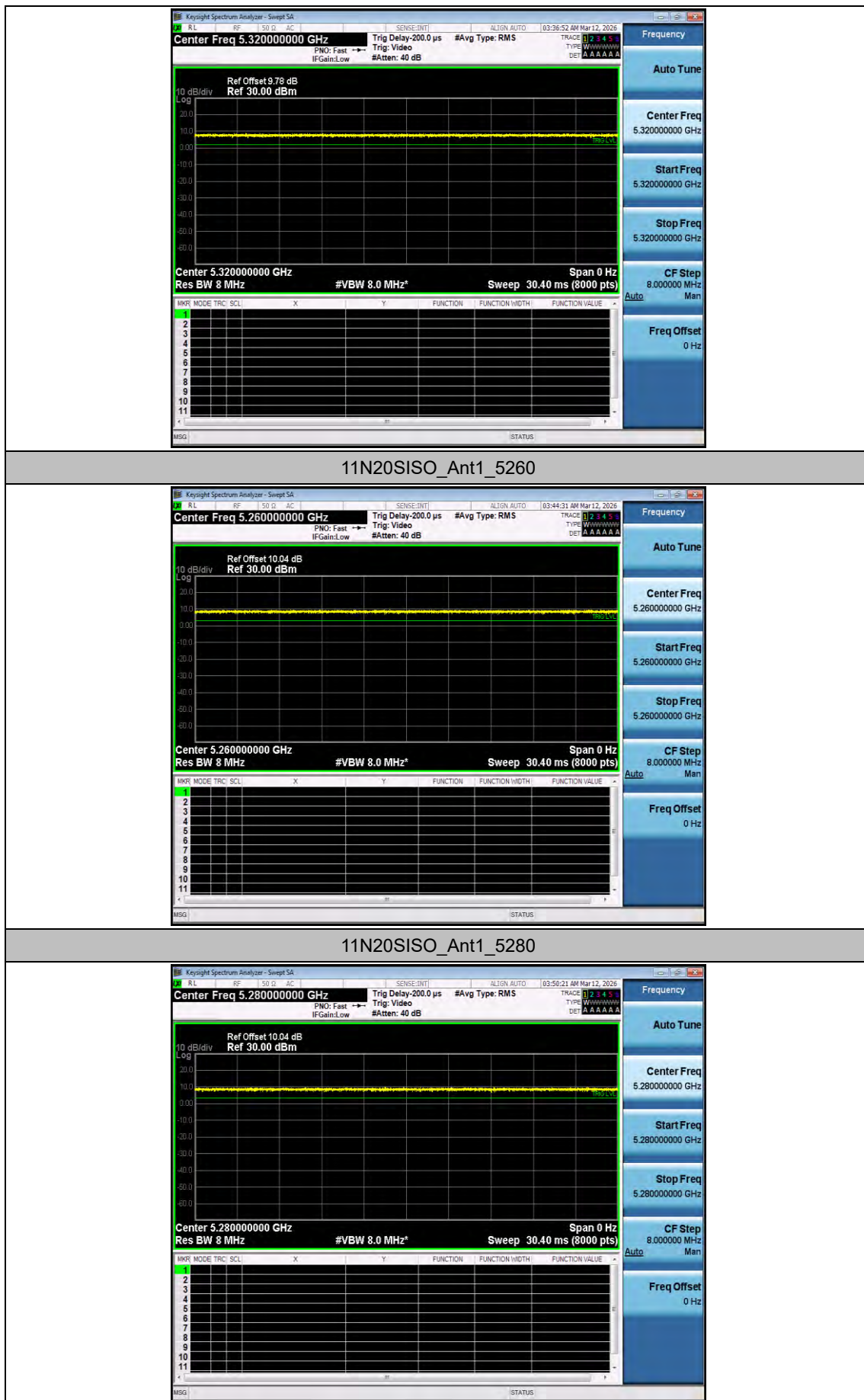
11A_Ant1_5260



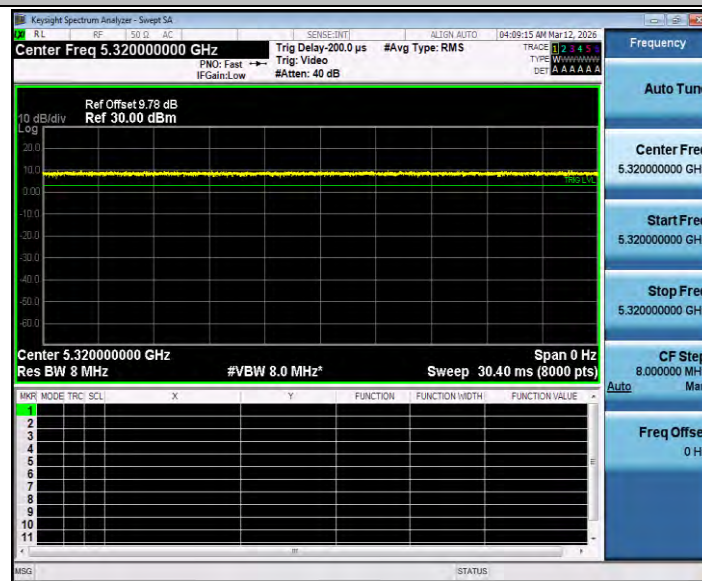
11A_Ant1_5280



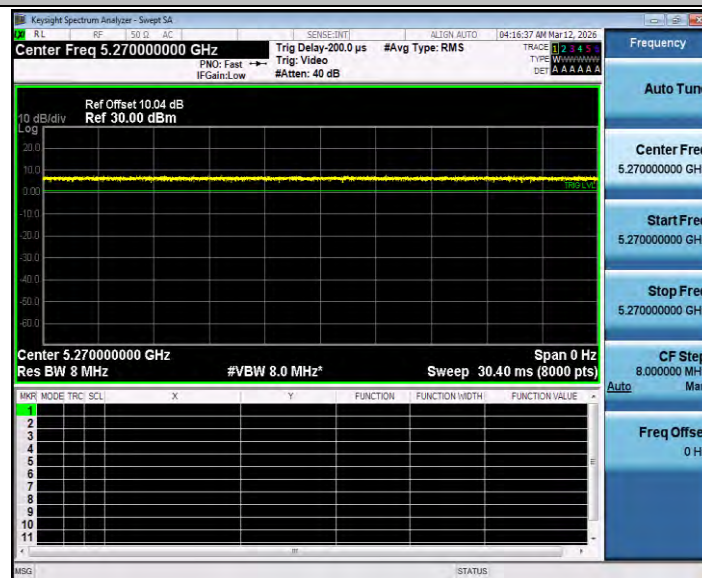
11A_Ant1_5320



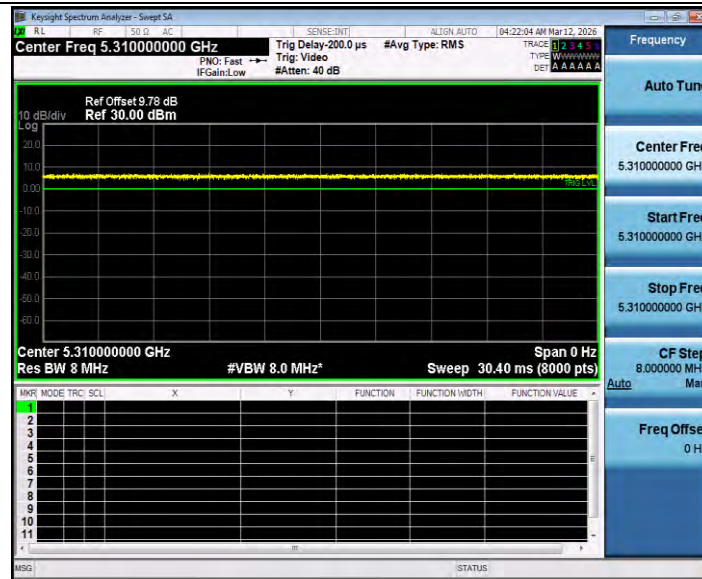
11N20SISO_Ant1_5320



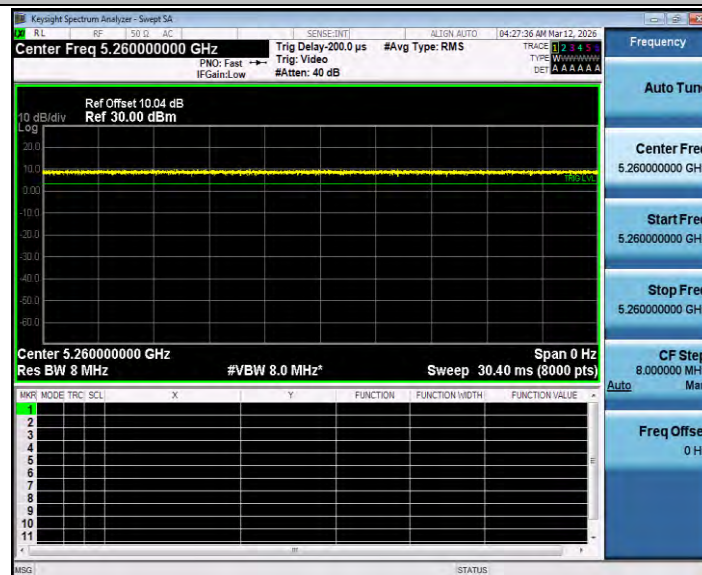
11N40SISO_Ant1_5270



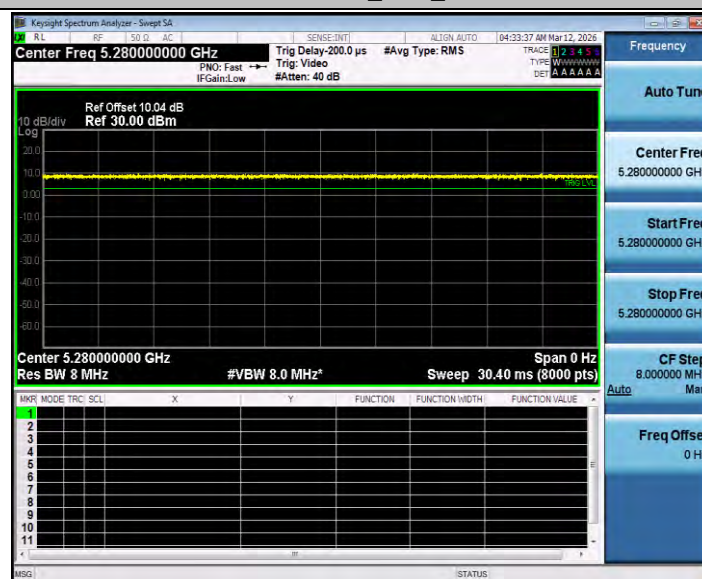
11N40SISO_Ant1_5310



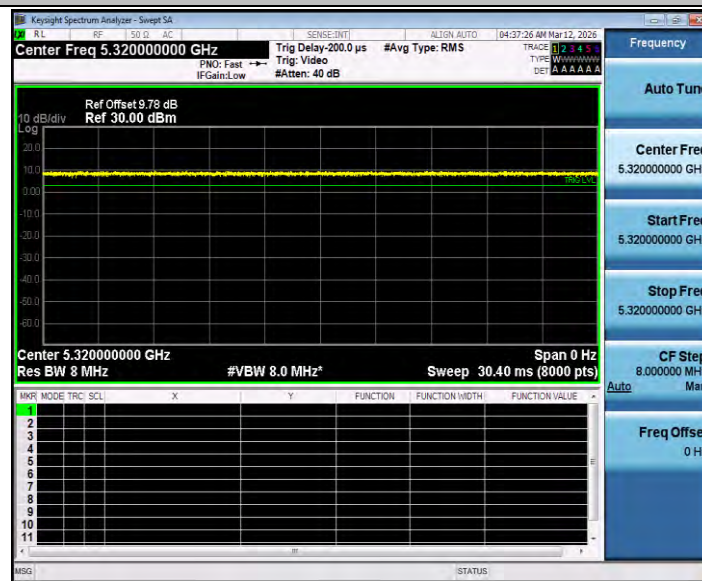
11AC20SISO_Ant1_5260



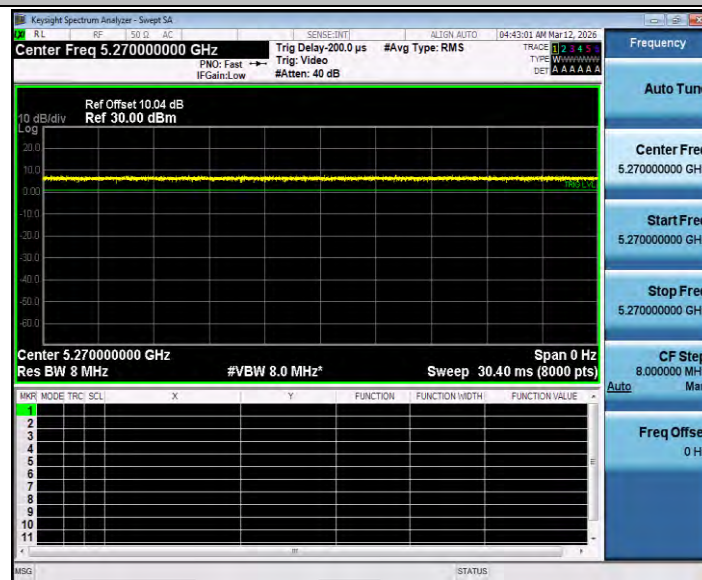
11AC20SISO_Ant1_5280



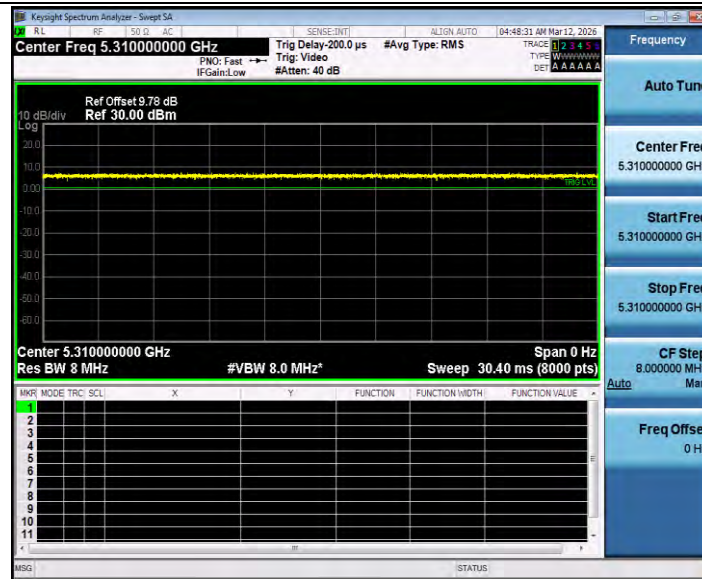
11AC20SISO_Ant1_5320



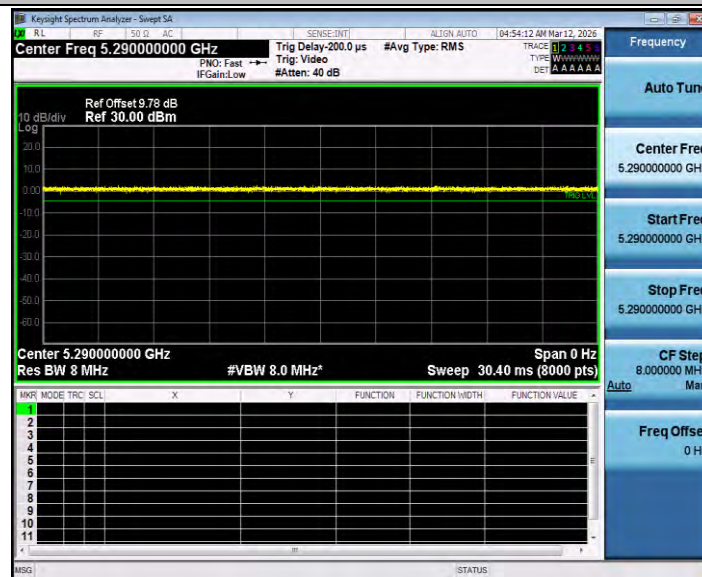
11AC40SISO_Ant1_5270



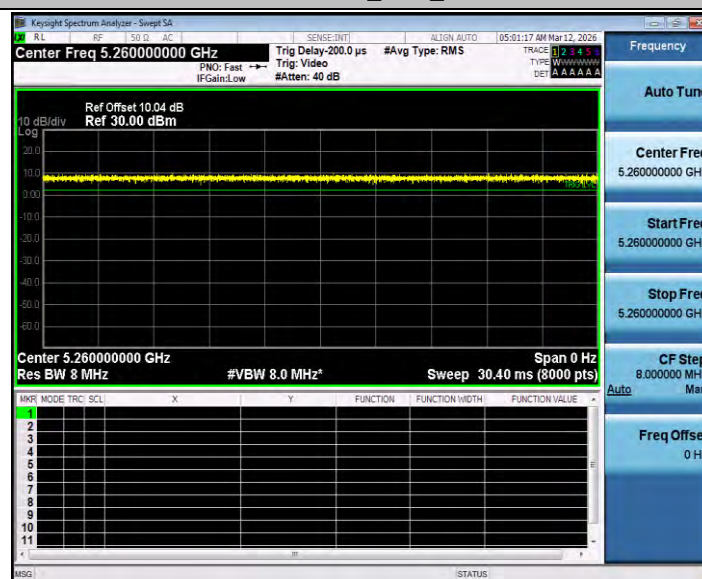
11AC40SISO_Ant1_5310



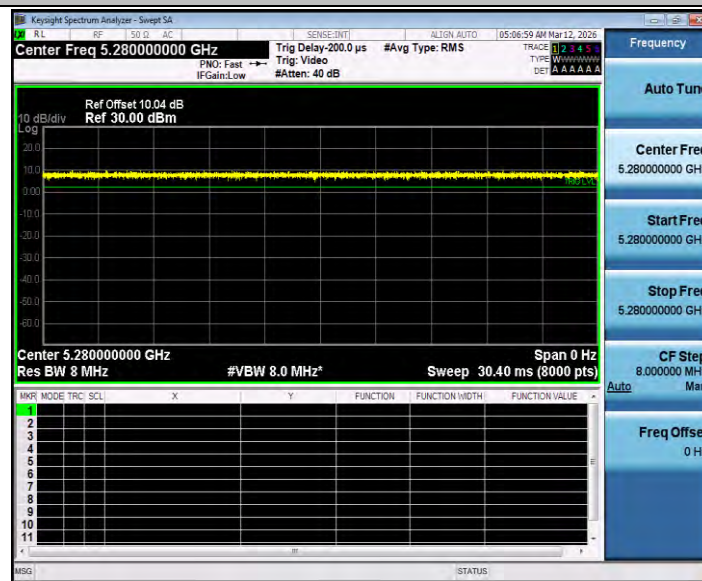
11AC80SISO_Ant1_5290



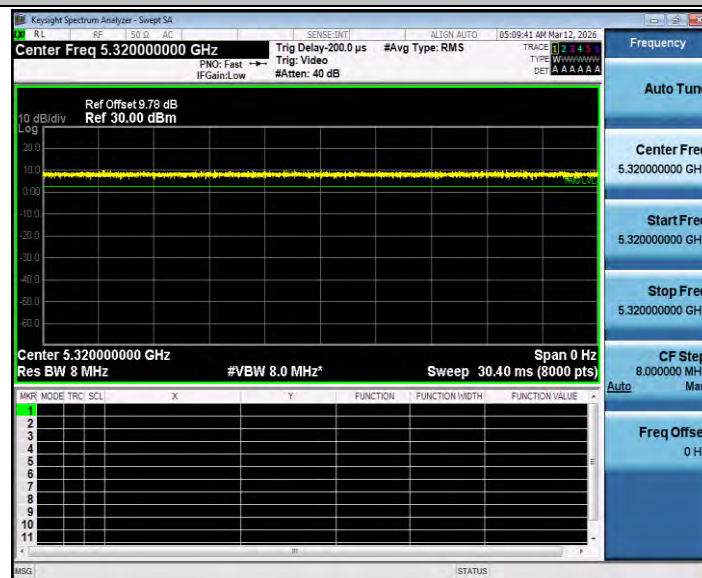
11AX20SISO_Ant1_5260



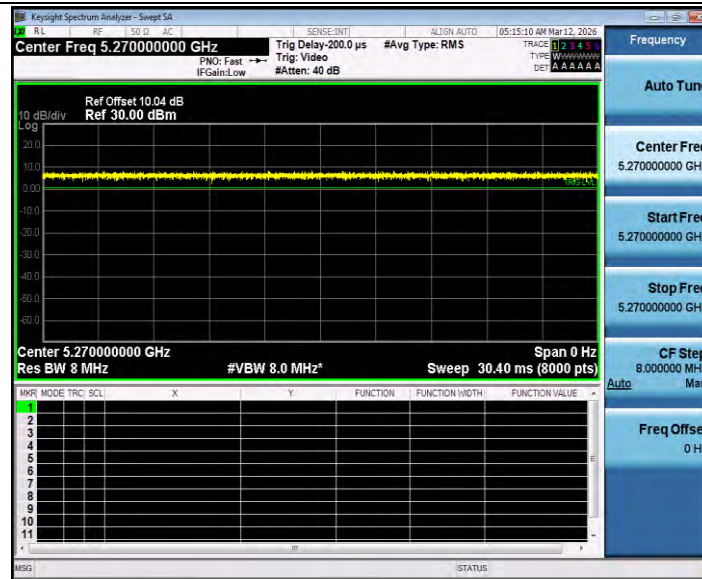
11AX20SISO_Ant1_5280



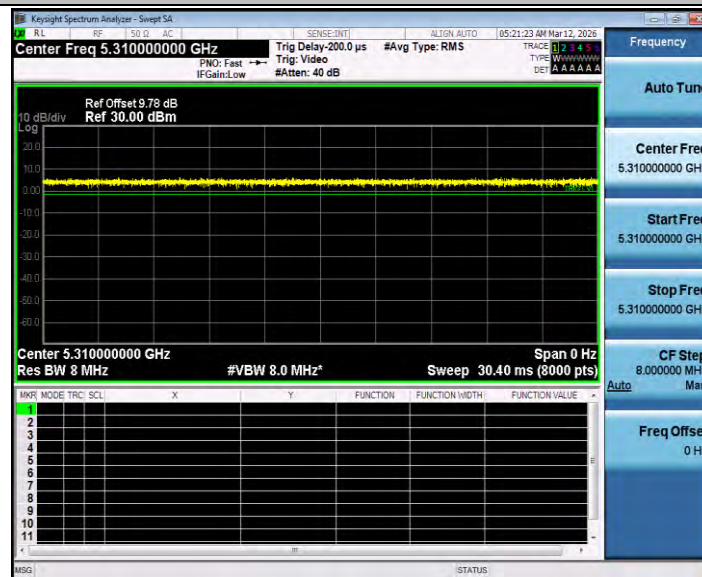
11AX20SISO_Ant1_5320



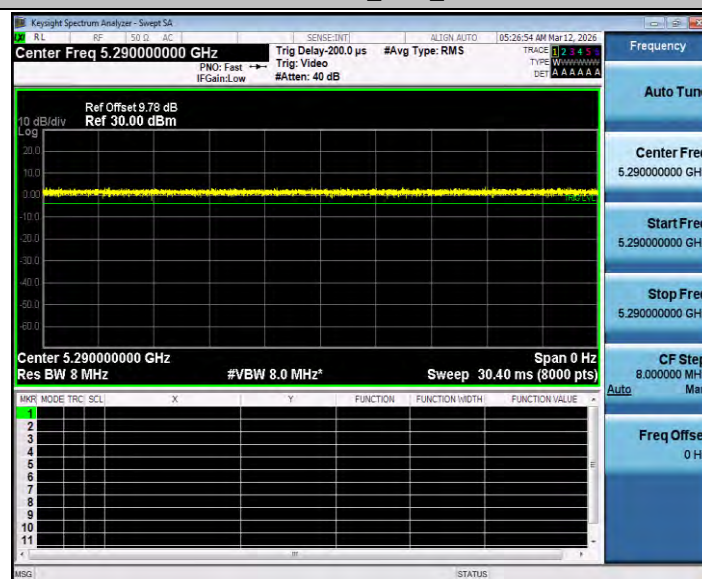
11AX40SISO_Ant1_5270



11AX40ISO_Ant1_5310



11AX80ISO_Ant1_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	Ant1	5260	10.50	100.00	0.00	10.50	≤23.98	PASS
		5280	10.39	100.00	0.00	10.39	≤23.98	PASS
		5320	10.35	100.00	0.00	10.35	≤23.98	PASS
11N20SISO	Ant1	5260	11.56	100.00	0.00	11.56	≤23.98	PASS
		5280	11.68	100.00	0.00	11.68	≤23.98	PASS
		5320	11.59	100.00	0.00	11.59	≤23.98	PASS
11N40SISO	Ant1	5270	11.83	100.00	0.00	11.83	≤23.98	PASS
		5310	11.38	100.00	0.00	11.38	≤23.98	PASS
11AC20SISO	Ant1	5260	11.81	100.00	0.00	11.81	≤23.98	PASS
		5280	11.64	100.00	0.00	11.64	≤23.98	PASS
		5320	11.47	100.00	0.00	11.47	≤23.98	PASS
11AC40SISO	Ant1	5270	11.91	100.00	0.00	11.91	≤23.98	PASS
		5310	11.62	100.00	0.00	11.62	≤23.98	PASS
11AC80SISO	Ant1	5290	11.26	100.00	0.00	11.26	≤23.98	PASS
11AX20SISO	Ant1	5260	11.16	100.00	0.00	11.16	≤23.98	PASS
		5280	11.18	100.00	0.00	11.18	≤23.98	PASS
		5320	11.40	100.00	0.00	11.40	≤23.98	PASS
11AX40SISO	Ant1	5270	11.67	100.00	0.00	11.67	≤23.98	PASS
		5310	9.61	100.00	0.00	9.61	≤23.98	PASS
11AX80SISO	Ant1	5290	11.43	100.00	0.00	11.43	≤23.98	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	-0.43	≤11.00	PASS
		5280	-0.47	≤11.00	PASS
		5320	-0.45	≤11.00	PASS
11N20SISO	Ant1	5260	0.42	≤11.00	PASS
		5280	0.51	≤11.00	PASS
		5320	0.42	≤11.00	PASS
11N40SISO	Ant1	5270	-1.78	≤11.00	PASS
		5310	-2.14	≤11.00	PASS
11AC20SISO	Ant1	5260	0.60	≤11.00	PASS
		5280	0.43	≤11.00	PASS
		5320	0.32	≤11.00	PASS
11AC40SISO	Ant1	5270	-1.70	≤11.00	PASS
		5310	-1.90	≤11.00	PASS
11AC80SISO	Ant1	5290	-6.60	≤11.00	PASS
11AX20SISO	Ant1	5260	-0.51	≤11.00	PASS
		5280	-0.50	≤11.00	PASS
		5320	-0.23	≤11.00	PASS
11AX40SISO	Ant1	5270	-2.13	≤11.00	PASS
		5310	-4.13	≤11.00	PASS
11AX80SISO	Ant1	5290	-6.51	≤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 Factorand RBW Factoriscompensatedinthegraph.

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



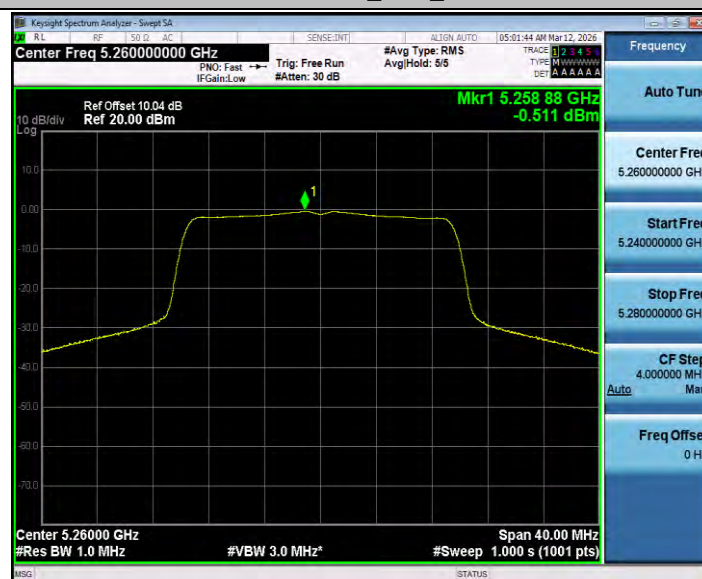
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

