

Case No. : <u>GTS20260115008-1-04</u>
Ambient Condition: <u>23</u> °C, <u>54</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.2.25-2026.3.16</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	19.800	5170.120	5189.920	---	---
		5200	20.480	5189.560	5210.040	---	---
		5240	24.920	5227.600	5252.520	---	---
11N20SISO	Ant2	5180	21.320	5169.360	5190.680	---	---
		5200	21.320	5189.400	5210.720	---	---
		5240	21.720	5229.080	5250.800	---	---
11N40SISO	Ant2	5190	41.680	5169.040	5210.720	---	---
		5230	43.360	5209.040	5252.400	---	---
11AC20SISO	Ant2	5180	21.280	5169.320	5190.600	---	---
		5200	21.240	5189.480	5210.720	---	---
		5240	21.600	5229.040	5250.640	---	---
11AC40SISO	Ant2	5190	41.360	5169.440	5210.800	---	---
		5230	47.600	5209.040	5256.640	---	---
11AC80SISO	Ant2	5210	87.360	5169.680	5257.040	---	---

Test Graphs

11A_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



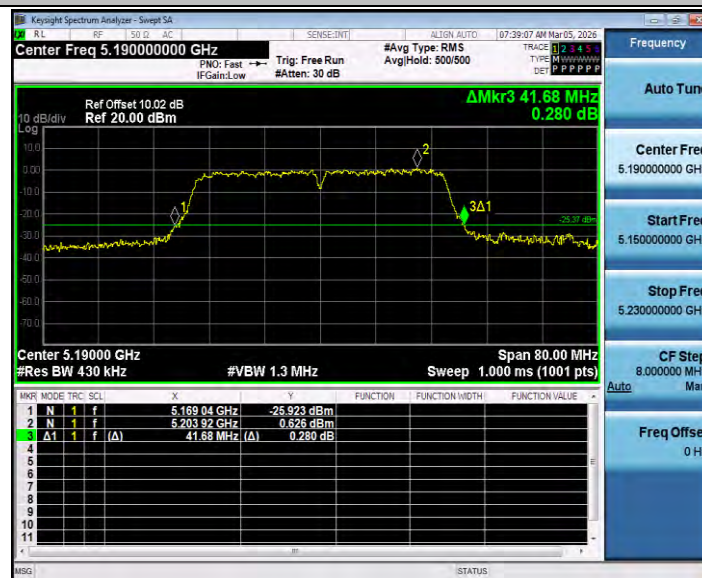
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11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



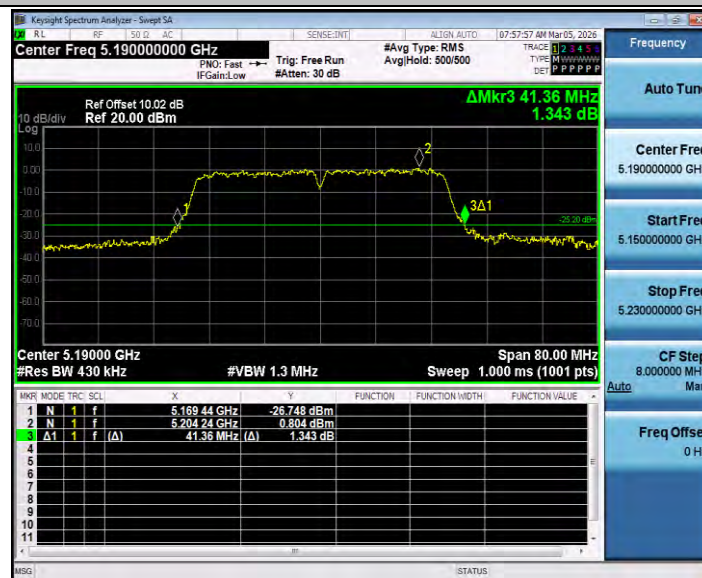
11AC20SISO_Ant2_5200



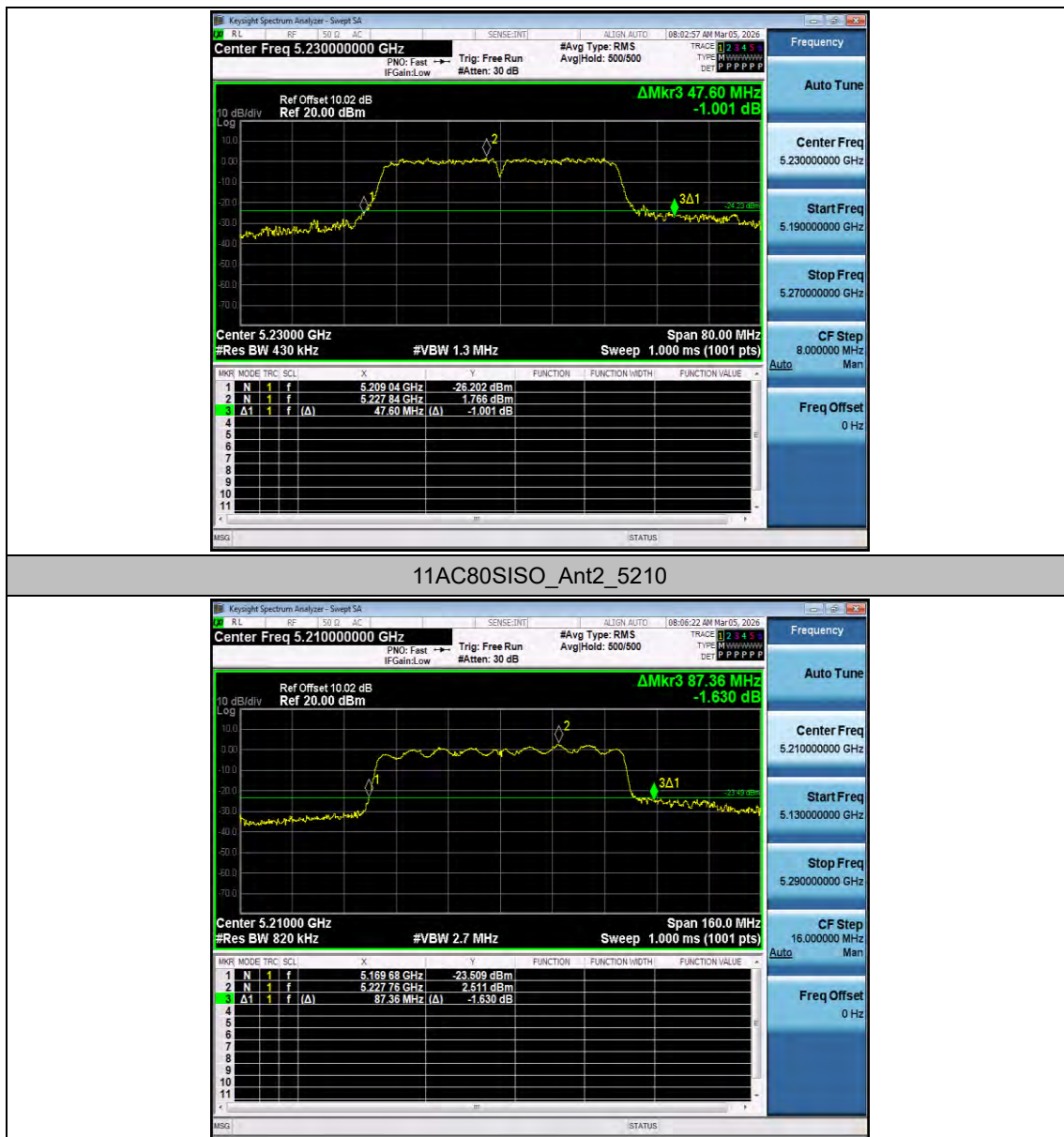
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



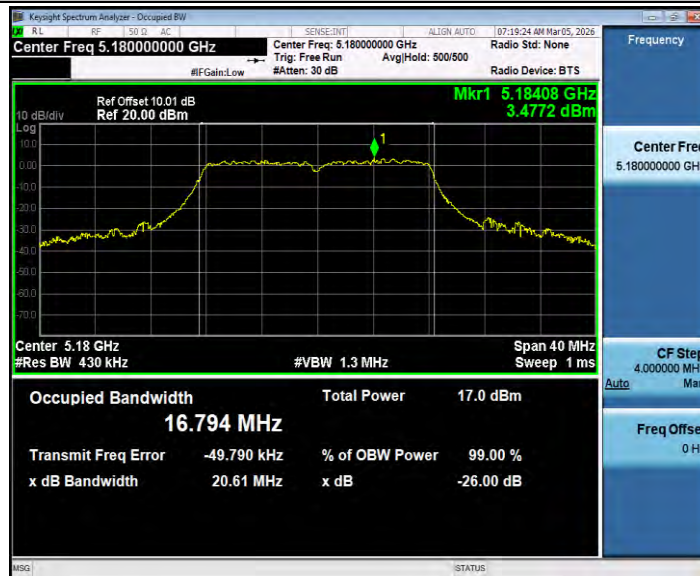
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	16.794	5171.5532	5188.3472	---	---
		5200	16.951	5191.4387	5208.3897	---	---
		5240	17.065	5231.3529	5248.4179	---	---
11N20SISO	Ant2	5180	17.824	5171.0540	5188.8780	---	---
		5200	17.824	5191.0618	5208.8858	---	---
		5240	17.925	5231.0059	5248.9309	---	---
11N40SISO	Ant2	5190	36.338	5171.9470	5208.2850	---	---
		5230	36.482	5211.8831	5248.3651	---	---
11AC20SISO	Ant2	5180	17.853	5171.0376	5188.8906	---	---
		5200	17.839	5191.0508	5208.8898	---	---
		5240	17.929	5230.9924	5248.9214	---	---
11AC40SISO	Ant2	5190	36.360	5171.9681	5208.3281	---	---
		5230	36.466	5211.8705	5248.3365	---	---
11AC80SISO	Ant2	5210	75.292	5172.7313	5248.0233	---	---

Test Graphs

11A_Ant2_5180



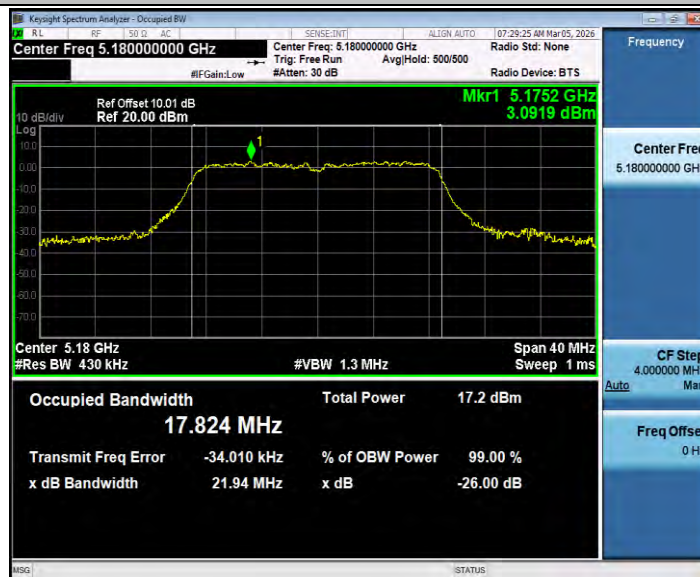
11A_Ant2_5200



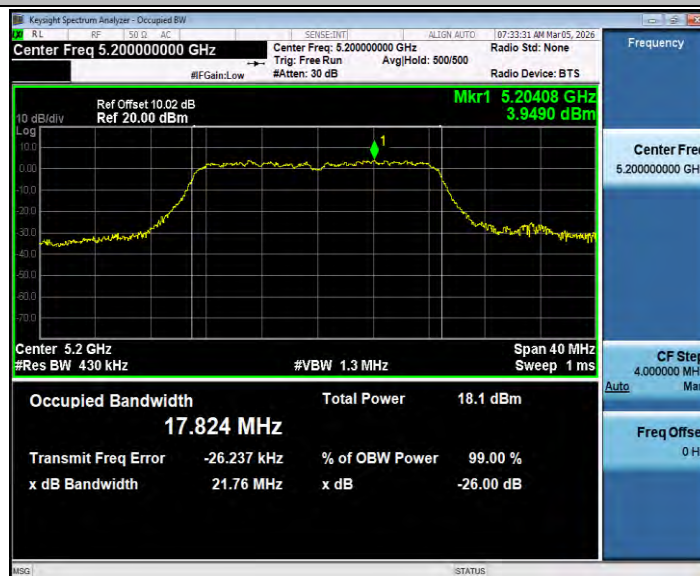
11A_Ant2_5240



11N20SISO_Ant2_5180



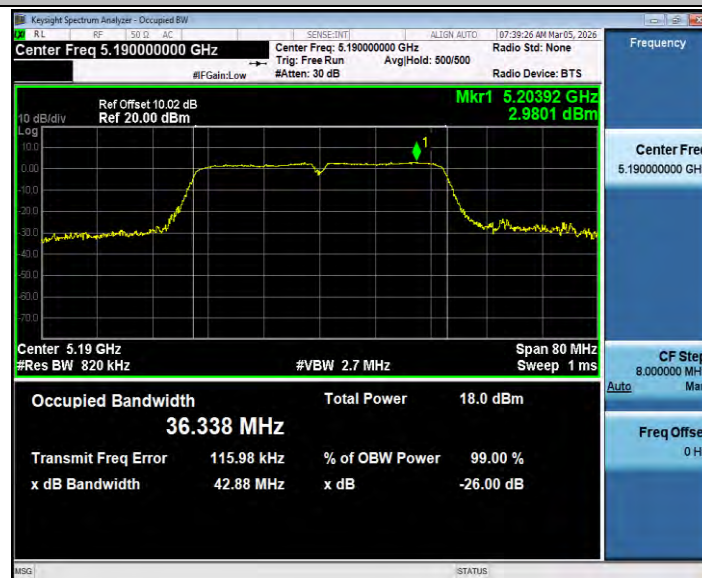
11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



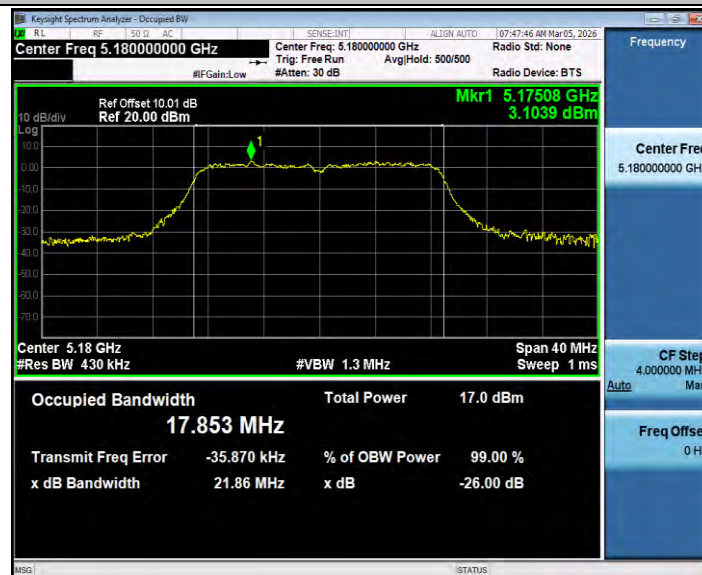
11N40SISO_Ant2_5190



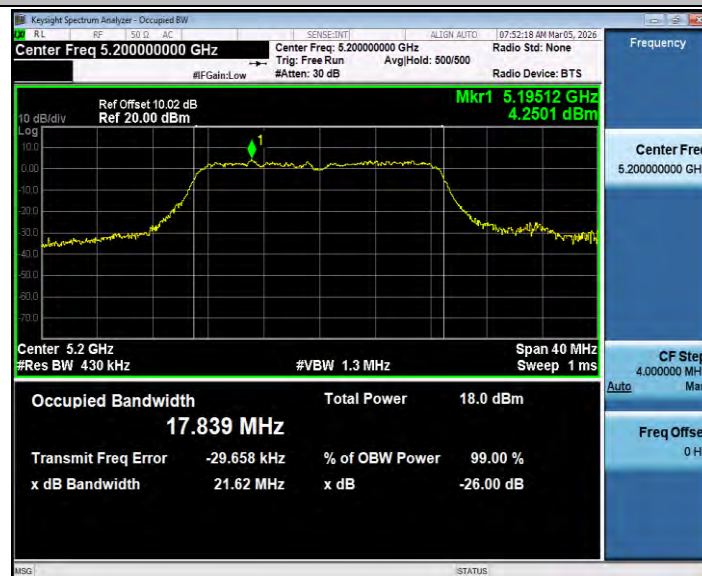
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



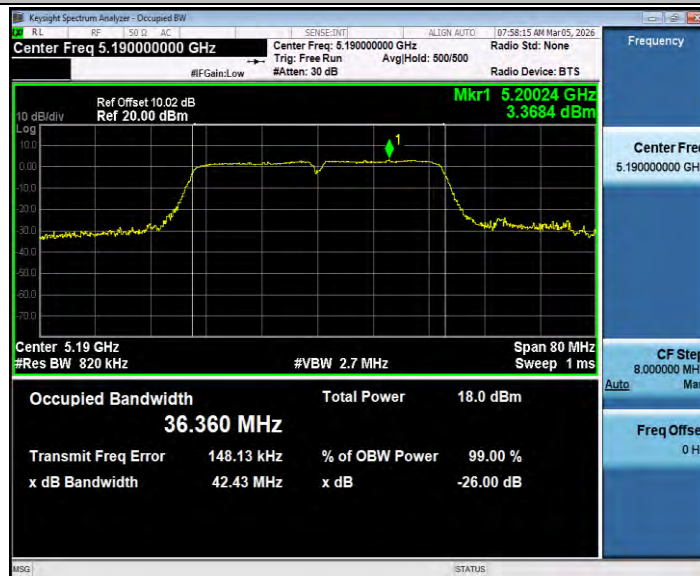
11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



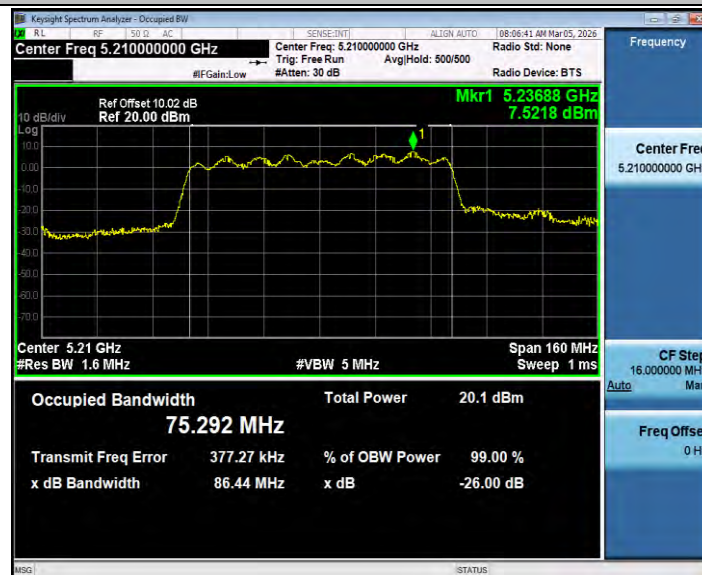
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210

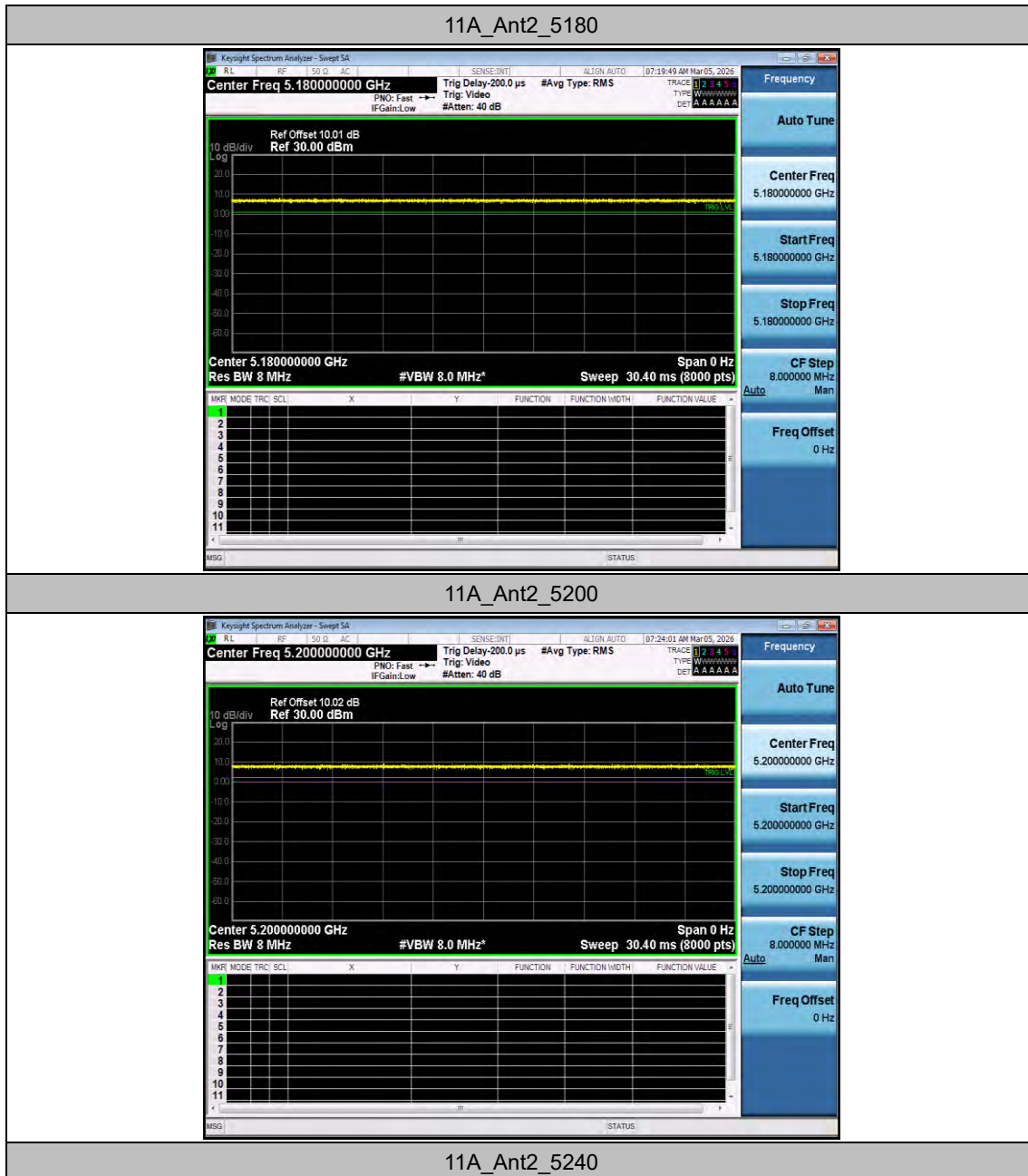


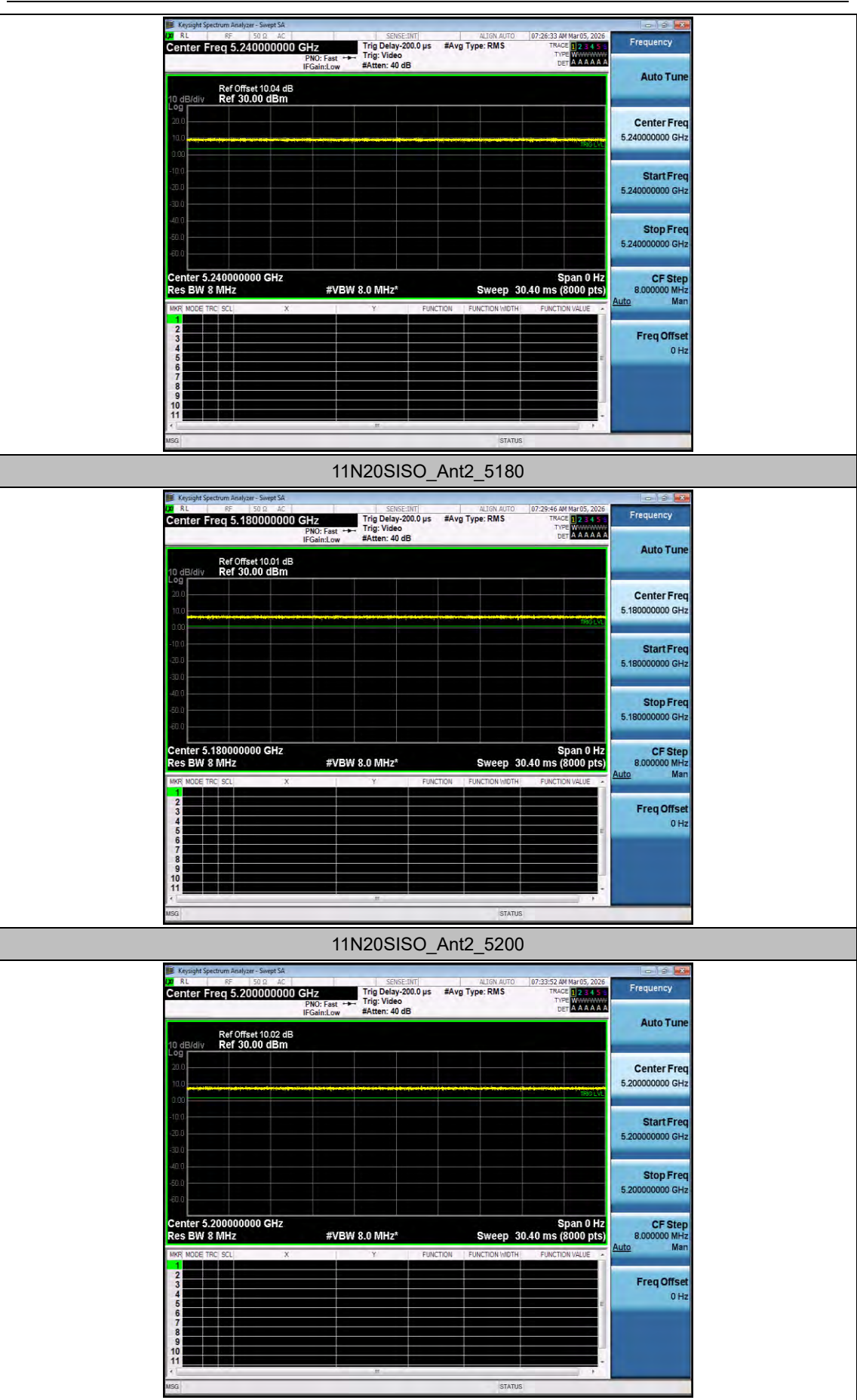
AppendixD.3: Duty Cycle

Test Result

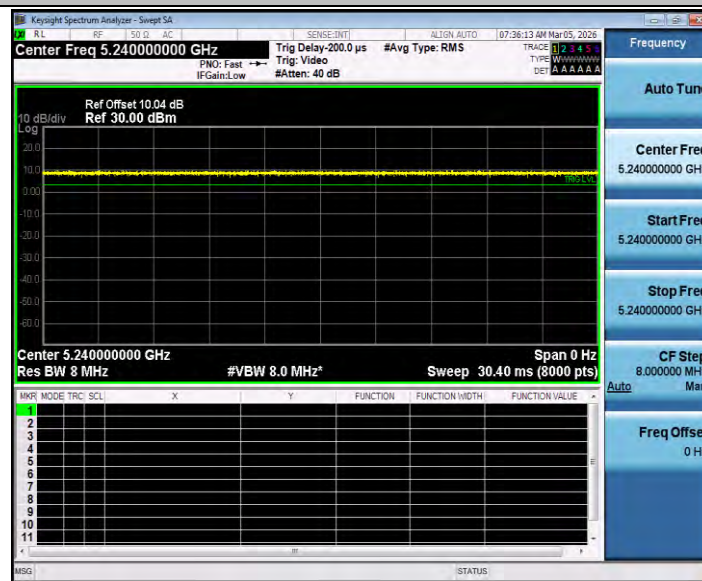
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant2	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant2	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant2	5210	30.00	30.00	100.00	0.00	0.03

Test Graphs

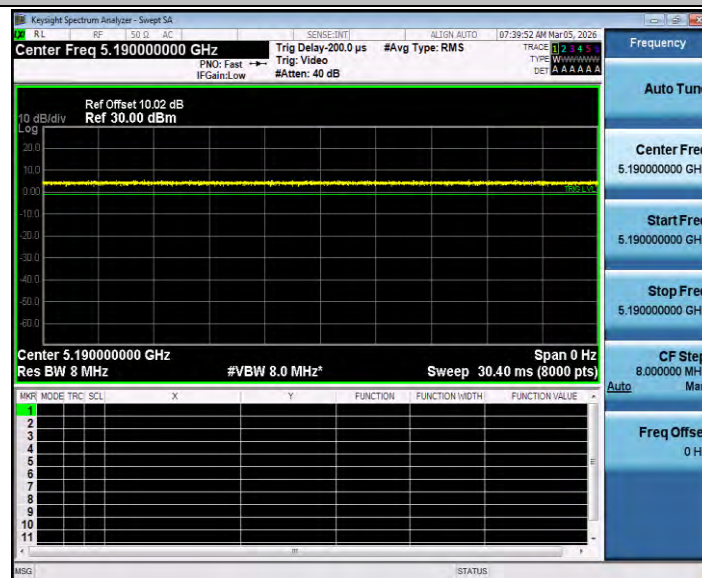




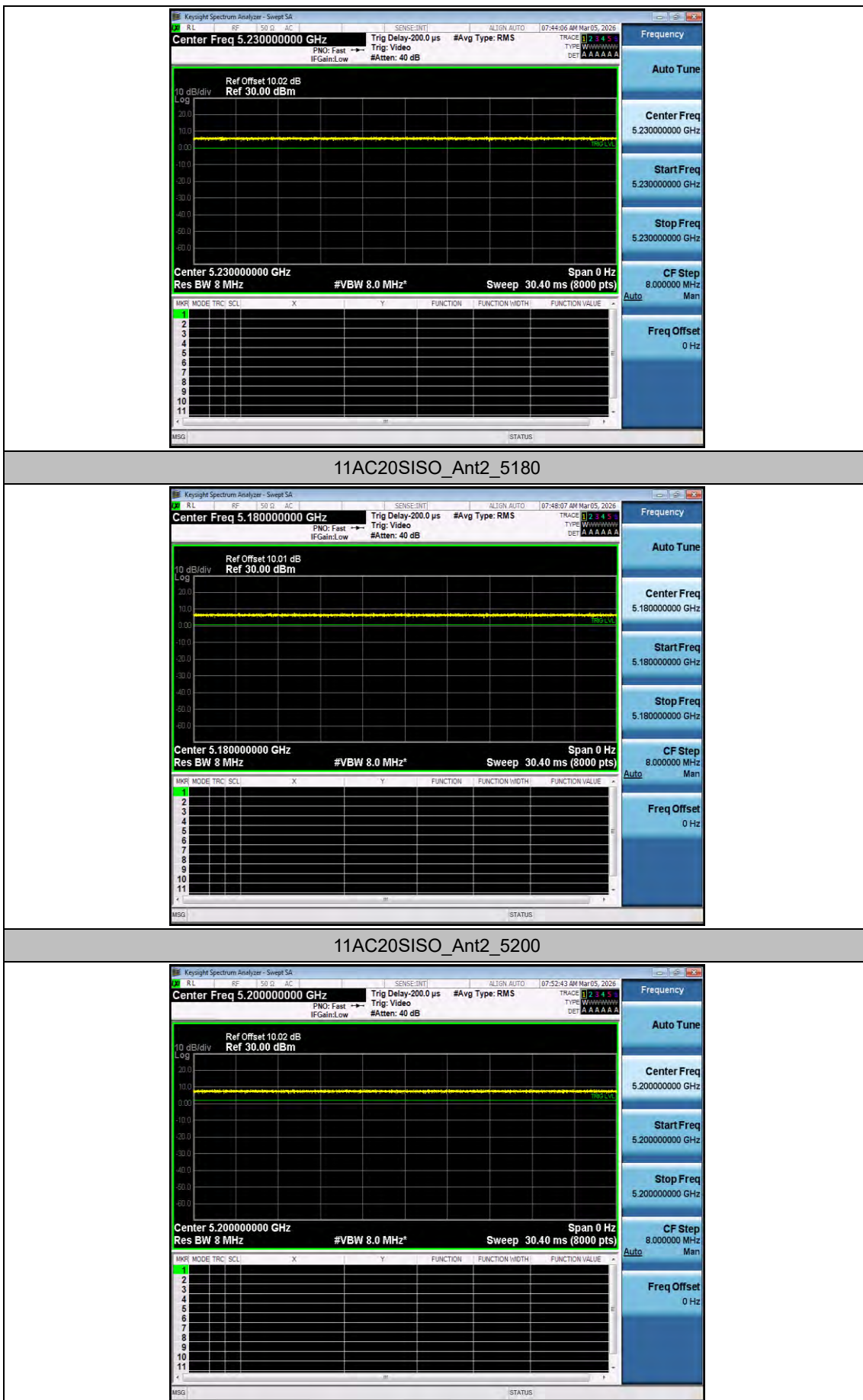
11N20SISO_Ant2_5240



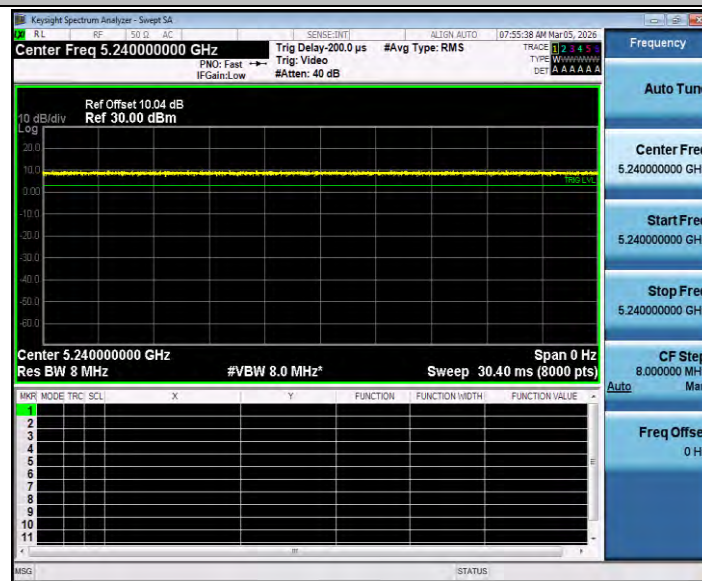
11N40SISO_Ant2_5190



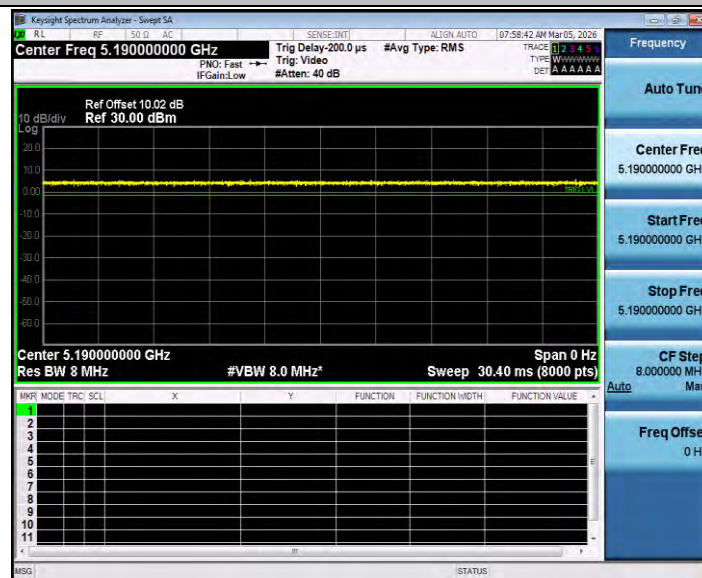
11N40SISO_Ant2_5230



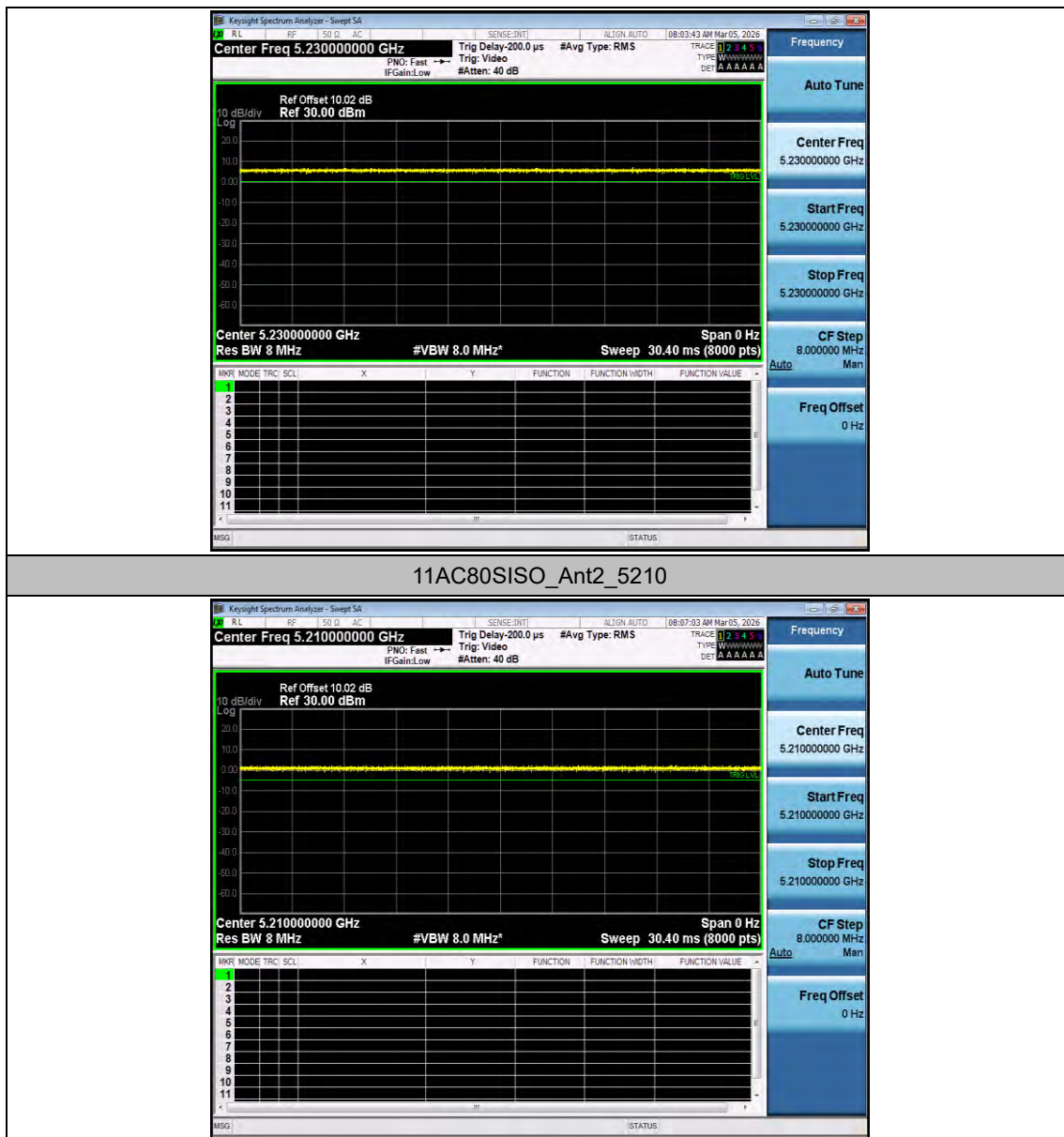
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



Appendix D.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	5180	10.50	100.00	0.00	10.50	≤23.98	PASS
		5200	11.48	100.00	0.00	11.48	≤23.98	PASS
		5240	12.60	100.00	0.00	12.60	≤23.98	PASS
11N20SISO	Ant2	5180	10.48	100.00	0.00	10.48	≤23.98	PASS
		5200	11.34	100.00	0.00	11.34	≤23.98	PASS
		5240	12.47	100.00	0.00	12.47	≤23.98	PASS
11N40SISO	Ant2	5190	10.82	100.00	0.00	10.82	≤23.98	PASS
		5230	12.18	100.00	0.00	12.18	≤23.98	PASS
11AC20SISO	Ant2	5180	10.38	100.00	0.00	10.38	≤23.98	PASS
		5200	11.30	100.00	0.00	11.30	≤23.98	PASS
		5240	12.42	100.00	0.00	12.42	≤23.98	PASS
11AC40SISO	Ant2	5190	10.84	100.00	0.00	10.84	≤23.98	PASS
		5230	12.18	100.00	0.00	12.18	≤23.98	PASS
11AC80SISO	Ant2	5210	11.18	100.00	0.00	11.18	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	-0.96	≤11.00	PASS
		5200	0.02	≤11.00	PASS
		5240	1.11	≤11.00	PASS
11N20SISO	Ant2	5180	-1.14	≤11.00	PASS
		5200	-0.25	≤11.00	PASS
		5240	0.84	≤11.00	PASS
11N40SISO	Ant2	5190	-3.56	≤11.00	PASS
		5230	-2.39	≤11.00	PASS
11AC20SISO	Ant2	5180	-1.18	≤11.00	PASS
		5200	-0.26	≤11.00	PASS
		5240	0.84	≤11.00	PASS
11AC40SISO	Ant2	5190	-3.53	≤11.00	PASS
		5230	-2.39	≤11.00	PASS
11AC80SISO	Ant2	5210	-4.65	≤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_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



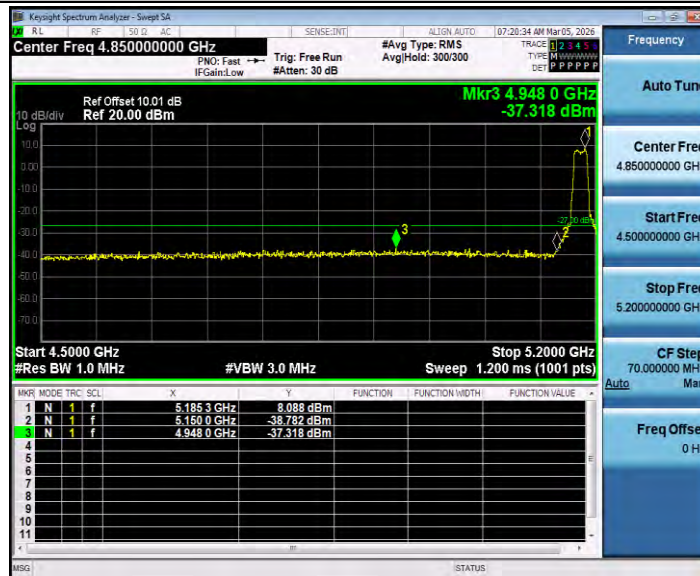
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-37.32	≤ -27	PASS
		High	5240	-37.02	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-36.96	≤ -27	PASS
		High	5240	-37.08	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-31.82	≤ -27	PASS
		High	5230	-36.88	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-36.85	≤ -27	PASS
		High	5240	-37.64	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-32.36	≤ -27	PASS
		High	5230	-37.96	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-31.57	≤ -27	PASS
		High	5210	-37.86	≤ -27	PASS

Test GraphsB1

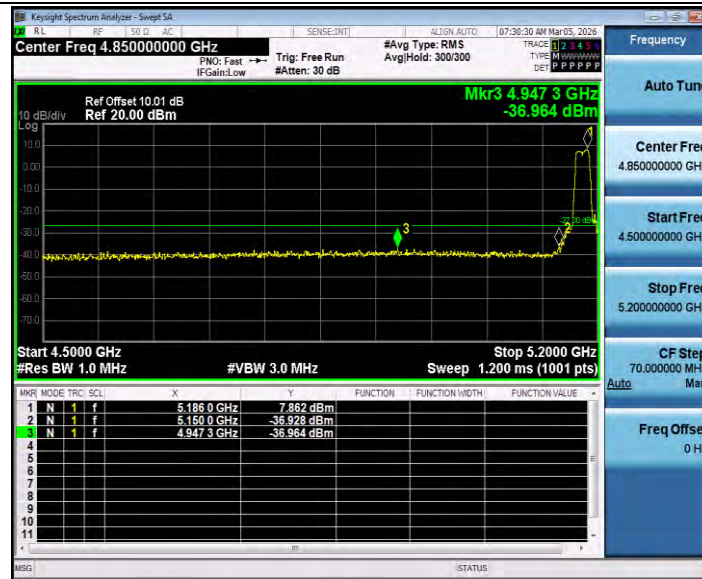
11A_Ant2_Low_5180



11A_Ant2_High_5240



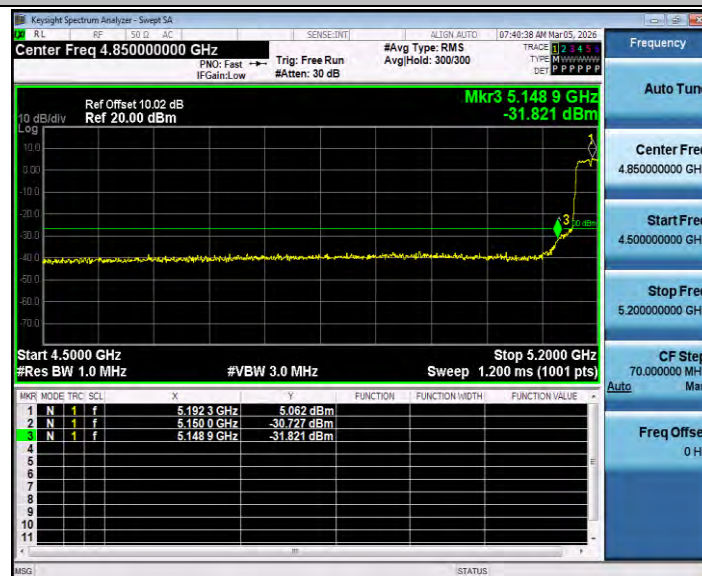
11N20SISO_Ant2_Low_5180



11N20SISO_Ant2_High_5240



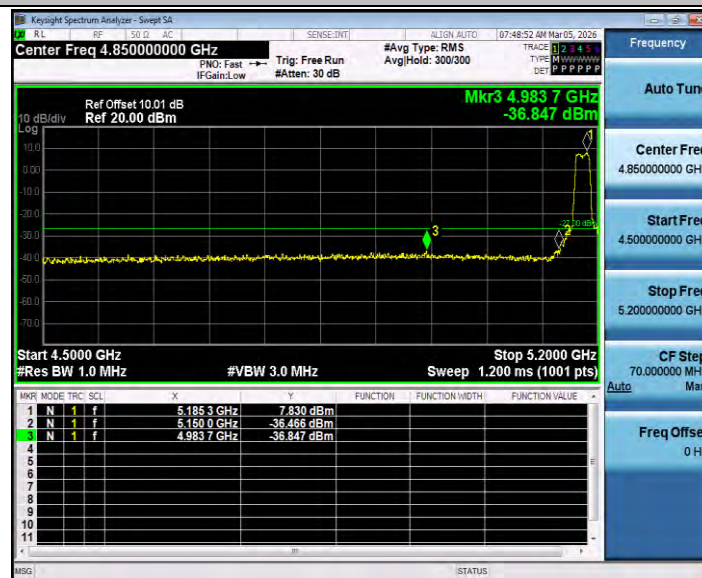
11N40SISO_Ant2_Low_5190



11N40SISO_Ant2_High_5230



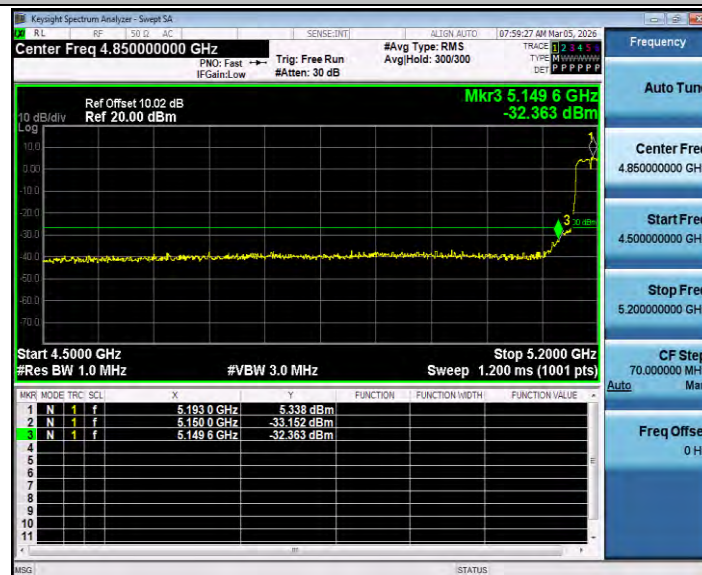
11AC20SISO_Ant2_Low_5180



11AC20SISO_Ant2_High_5240



11AC40SISO_Ant2_Low_5190



11AC40SISO_Ant2_High_5230



11AC80SISO_Ant2_Low_5210



11AC80SISO_Ant2_High_5210



Appendix D.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	3090.38	-46.42	≤-27	PASS
			5360~27000	23541.21	-37.1	≤-27	PASS
		5200	30~5140	2671.19	-46.45	≤-27	PASS
			5360~27000	24257.49	-36.97	≤-27	PASS
		5240	30~5140	4934.75	-46.29	≤-27	PASS
			5360~27000	10482.19	-36.82	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	2649.73	-46.39	≤-27	PASS
			5360~27000	24235.85	-37.36	≤-27	PASS
		5200	30~5140	4763.73	-46.06	≤-27	PASS
			5360~27000	25582.58	-37.04	≤-27	PASS
		5240	30~5140	3024.97	-46.31	≤-27	PASS
			5360~27000	25214.7	-37.2	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5136.93	-39.92	≤-27	PASS
			5360~27000	24276.25	-36.94	≤-27	PASS
		5230	30~5140	5067.27	-46.13	≤-27	PASS
			5360~27000	26811.73	-37.33	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	5137.27	-46.5	≤-27	PASS
			5360~27000	25203.16	-37.19	≤-27	PASS
		5200	30~5140	4910.05	-46.2	≤-27	PASS
			5360~27000	24275.52	-36.87	≤-27	PASS
		5240	30~5140	3070.28	-45.81	≤-27	PASS
			5360~27000	26766.29	-37.4	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5139.66	-39.2	≤-27	PASS
			5360~27000	26922.82	-37.16	≤-27	PASS
		5230	30~5140	5030.99	-46.22	≤-27	PASS
			5360~27000	24303.66	-36.28	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5129.78	-32.64	≤-27	PASS
			5360~27000	26808.85	-37.31	≤-27	PASS

Test Graphs

11A_Ant2_5180_30~5140



11A_Ant2_5180_5360~27000



11A_Ant2_5200_30~5140



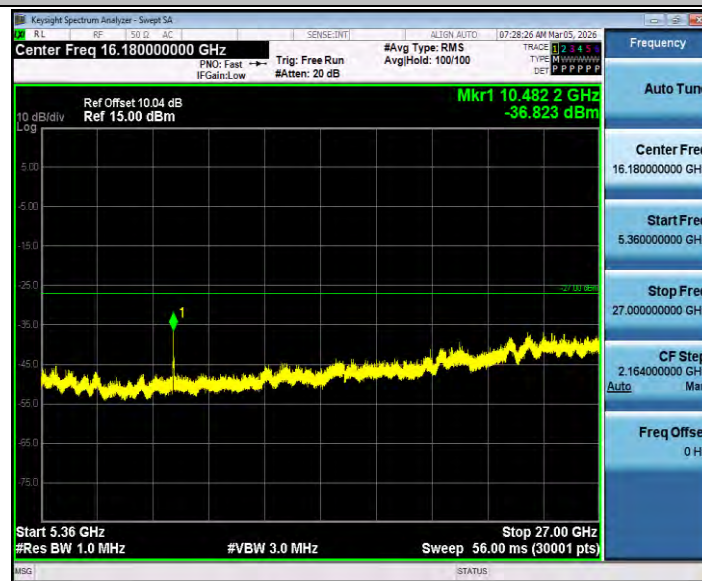
11A_Ant2_5200_5360~27000



11A_Ant2_5240_30~5140



11A_Ant2_5240_5360~27000



11N20SISO_Ant2_5180_30~5140



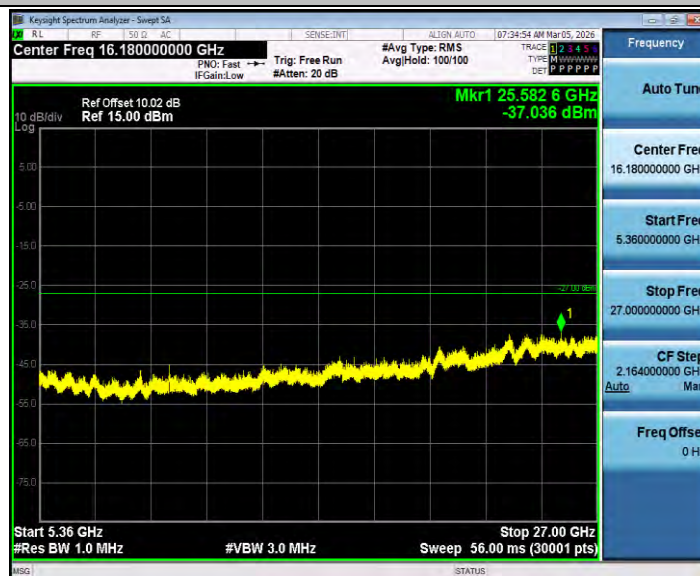
11N20SISO_Ant2_5180_5360~27000



11N20SISO_Ant2_5200_30~5140



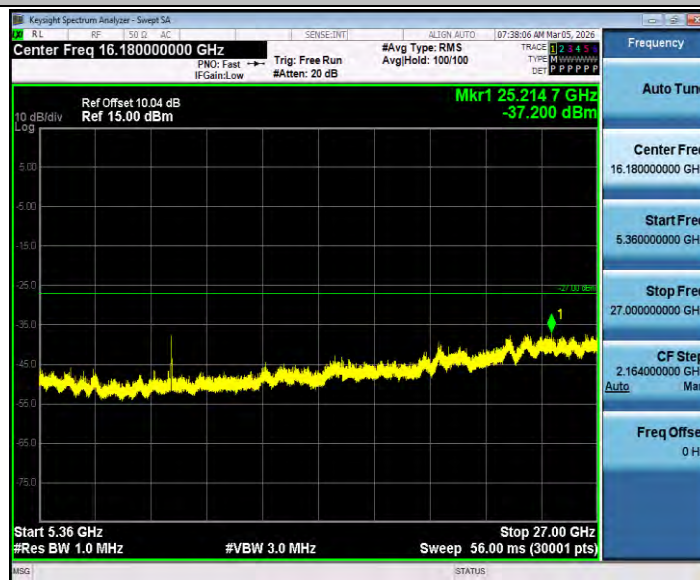
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11N20SISO_Ant2_5240_30~5140



11N20SISO_Ant2_5240_5360~27000



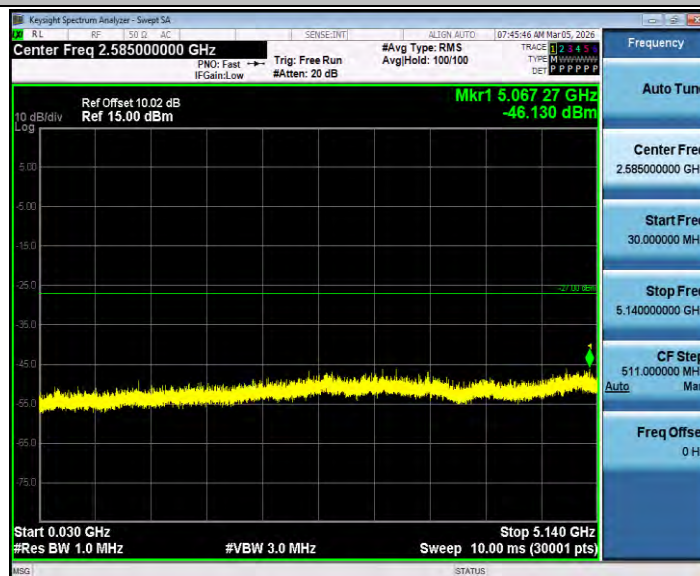
11N40SISO_Ant2_5190_30~5140



11N40SISO_Ant2_5190_5360~27000



11N40SISO_Ant2_5230_30~5140



11N40SISO_Ant2_5230_5360~27000



11AC20SISO_Ant2_5180_30~5140



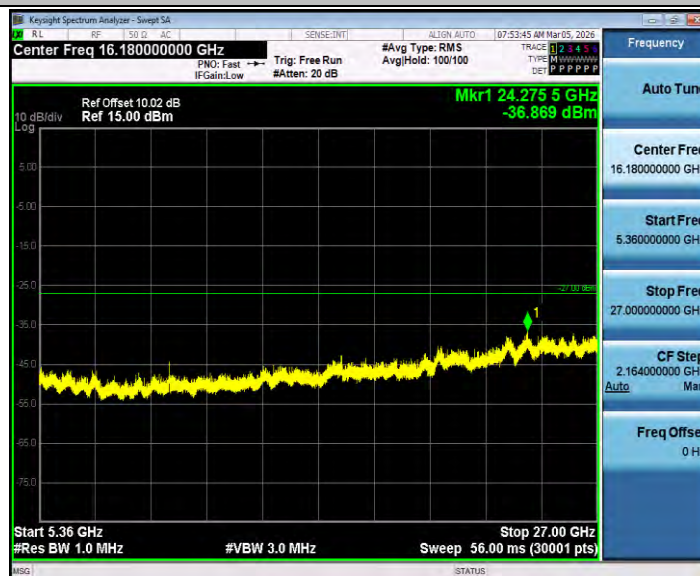
11AC20SISO_Ant2_5180_5360~27000



11AC20SISO_Ant2_5200_30~5140



11AC20SISO_Ant2_5200_5360~27000



11AC20SISO_Ant2_5240_30~5140



11AC20SISO_Ant2_5240_5360~27000



11AC40SISO_Ant2_5190_30~5140



11AC40SISO_Ant2_5190_5360~27000



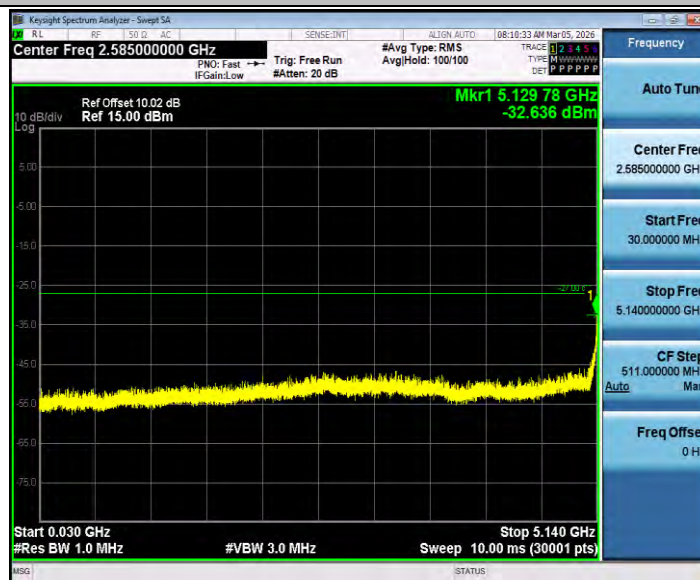
11AC40SISO_Ant2_5230_30~5140



11AC40SISO_Ant2_5230_5360~27000



11AC80SISO_Ant2_5210_30~5140



11AC80SISO_Ant2_5210_5360~27000

