

Case No. : <u>GTS20260302018-2-04</u>
Ambient Condition: <u>23</u> °C, <u>52</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.3.19-2026.3.26</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

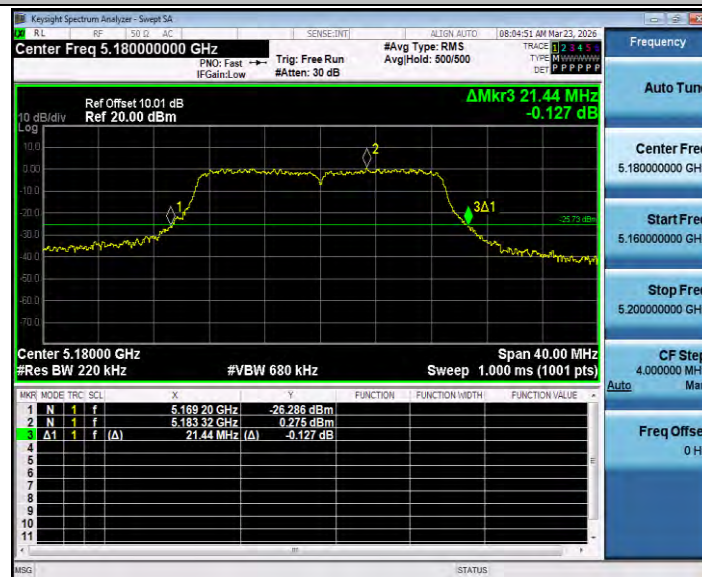
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	20.480	5169.720	5190.200	---	---
		5200	20.360	5189.800	5210.160	---	---
		5240	20.400	5229.720	5250.120	---	---
11N20SISO	Ant2	5180	21.440	5169.200	5190.640	---	---
		5200	21.200	5189.280	5210.480	---	---
		5240	21.200	5229.280	5250.480	---	---
11N40SISO	Ant2	5190	42.080	5168.880	5210.960	---	---
		5230	41.840	5208.960	5250.800	---	---
11AC20SISO	Ant2	5180	21.280	5169.320	5190.600	---	---
		5200	21.320	5189.280	5210.600	---	---
		5240	21.040	5229.320	5250.360	---	---
11AC40SISO	Ant2	5190	42.000	5168.960	5210.960	---	---
		5230	41.680	5208.960	5250.640	---	---
11AC80SISO	Ant2	5210	82.560	5168.560	5251.120	---	---

Test Graphs





11N20SISO_Ant2_5180



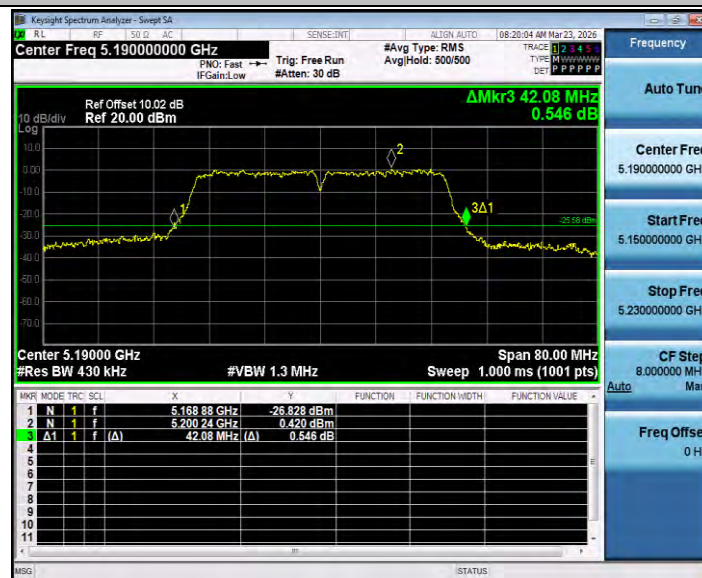
11N20SISO_Ant2_5200



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

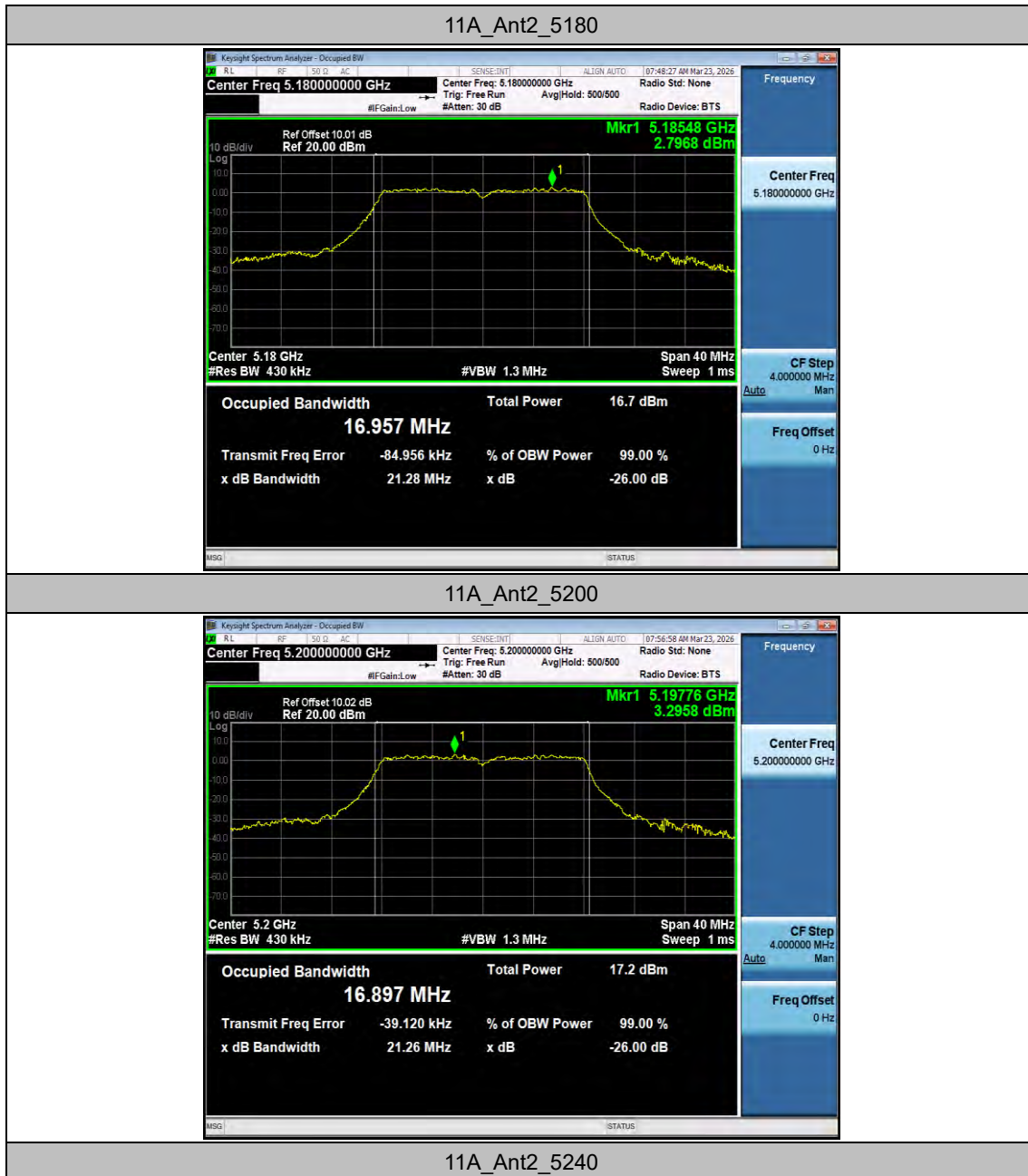


Appendix D.2: Occupied channel bandwidth

Test Result

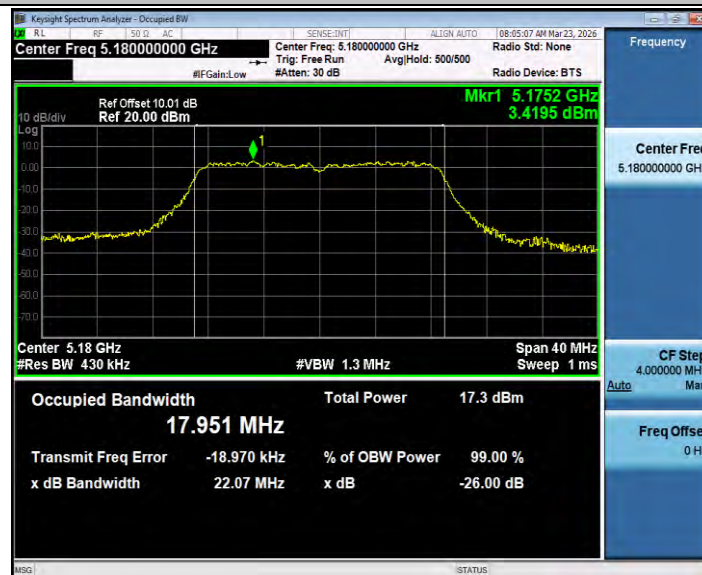
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	16.957	5171.4365	5188.3935	---	---
		5200	16.897	5191.5124	5208.4094	---	---
		5240	16.985	5231.3754	5248.3604	---	---
11N20SISO	Ant2	5180	17.951	5171.0055	5188.9565	---	---
		5200	17.927	5191.0381	5208.9651	---	---
		5240	17.944	5230.9676	5248.9116	---	---
11N40SISO	Ant2	5190	36.602	5171.7634	5208.3654	---	---
		5230	36.606	5211.6620	5248.2680	---	---
11AC20SISO	Ant2	5180	17.963	5170.9870	5188.9500	---	---
		5200	17.944	5191.0124	5208.9564	---	---
		5240	17.896	5231.0184	5248.9144	---	---
11AC40SISO	Ant2	5190	36.544	5171.7906	5208.3346	---	---
		5230	36.539	5211.7027	5248.2417	---	---
11AC80SISO	Ant2	5210	75.580	5172.2234	5247.8034	---	---

Test Graphs

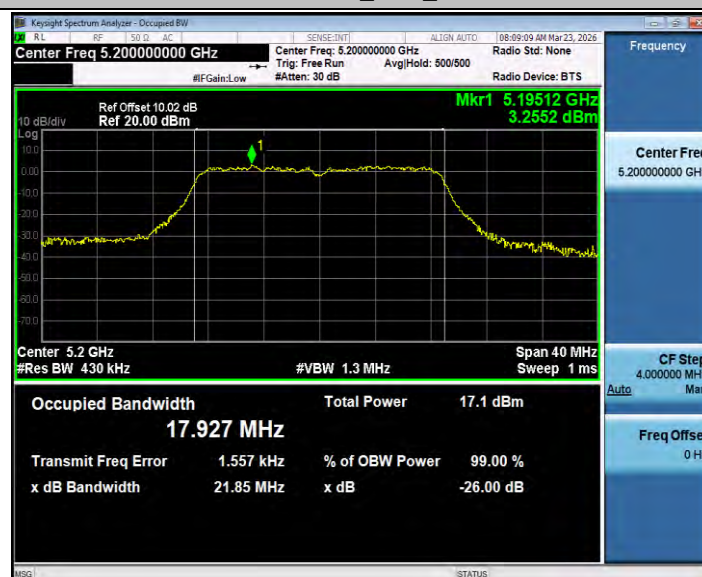




11N20SISO_Ant2_5180



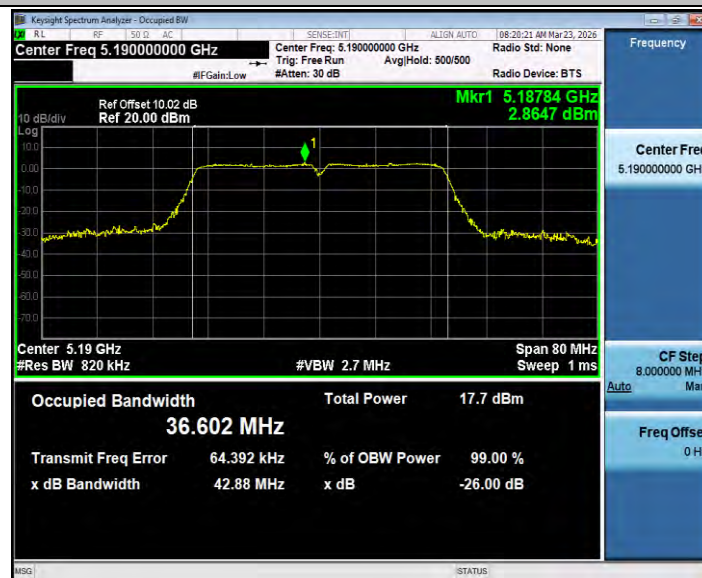
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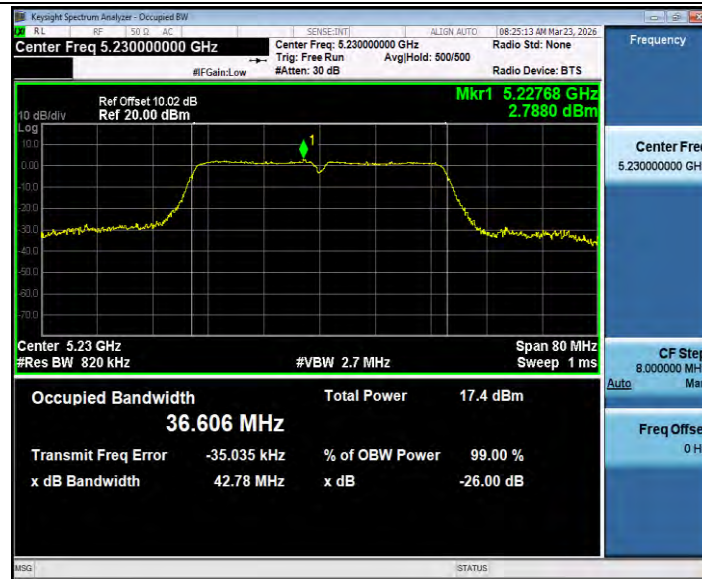
11N20SISO_Ant2_5240



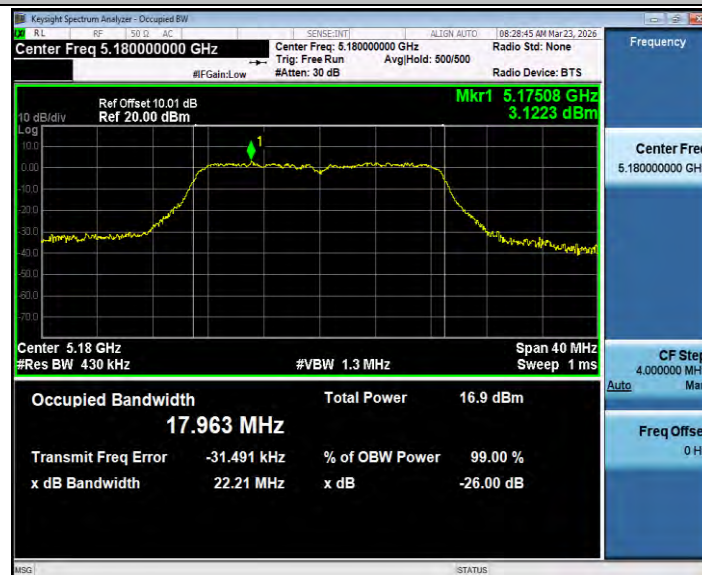
11N40SISO_Ant2_5190



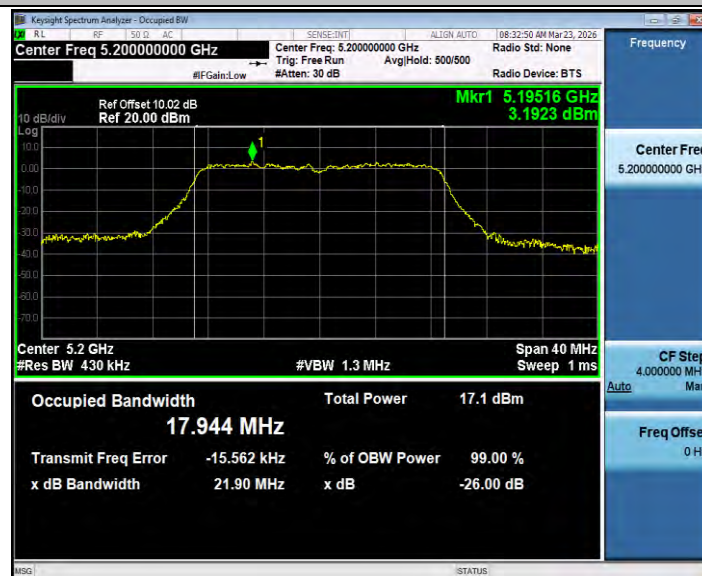
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



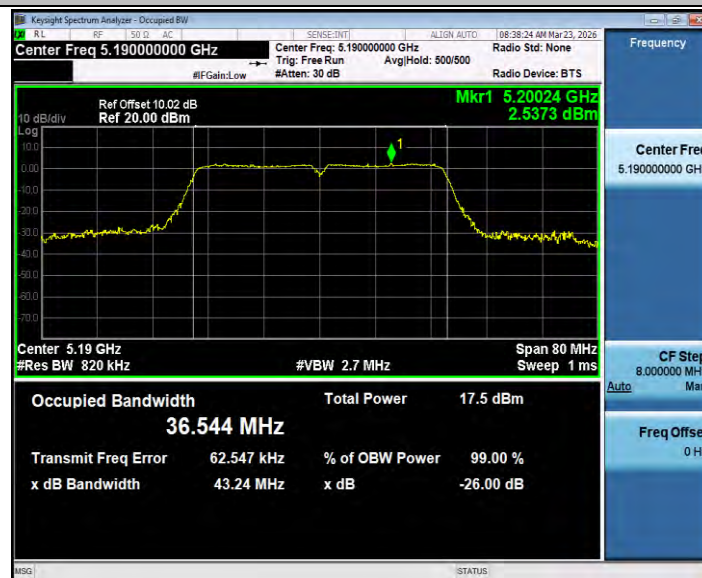
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11AC20SISO_Ant2_5240



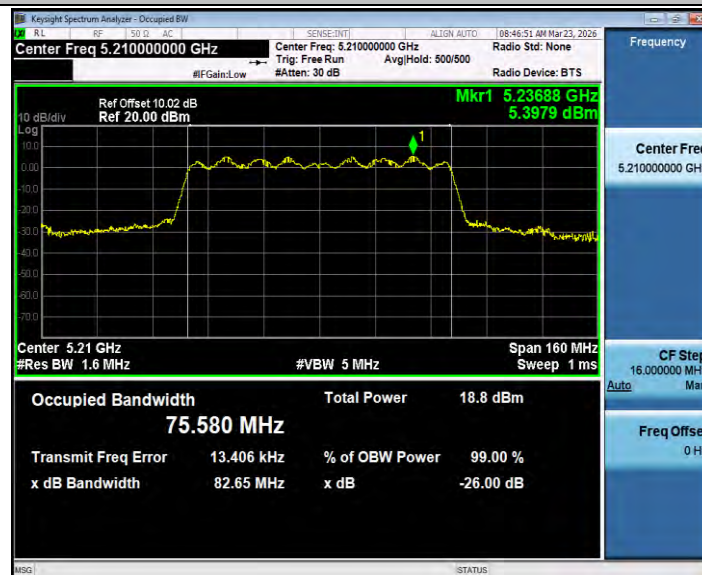
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



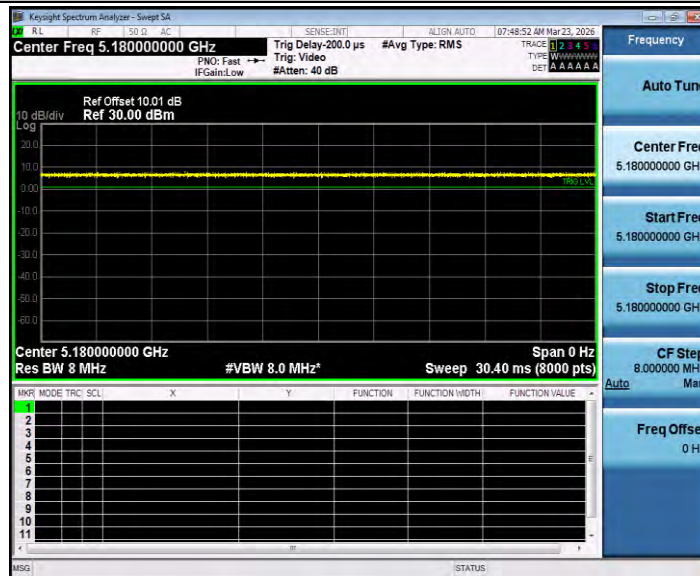
AppendixD.3: Duty Cycle

Test Result

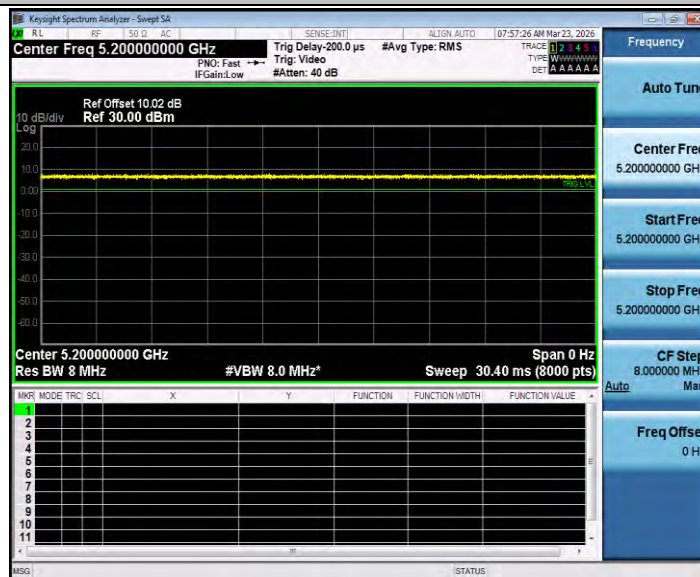
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200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

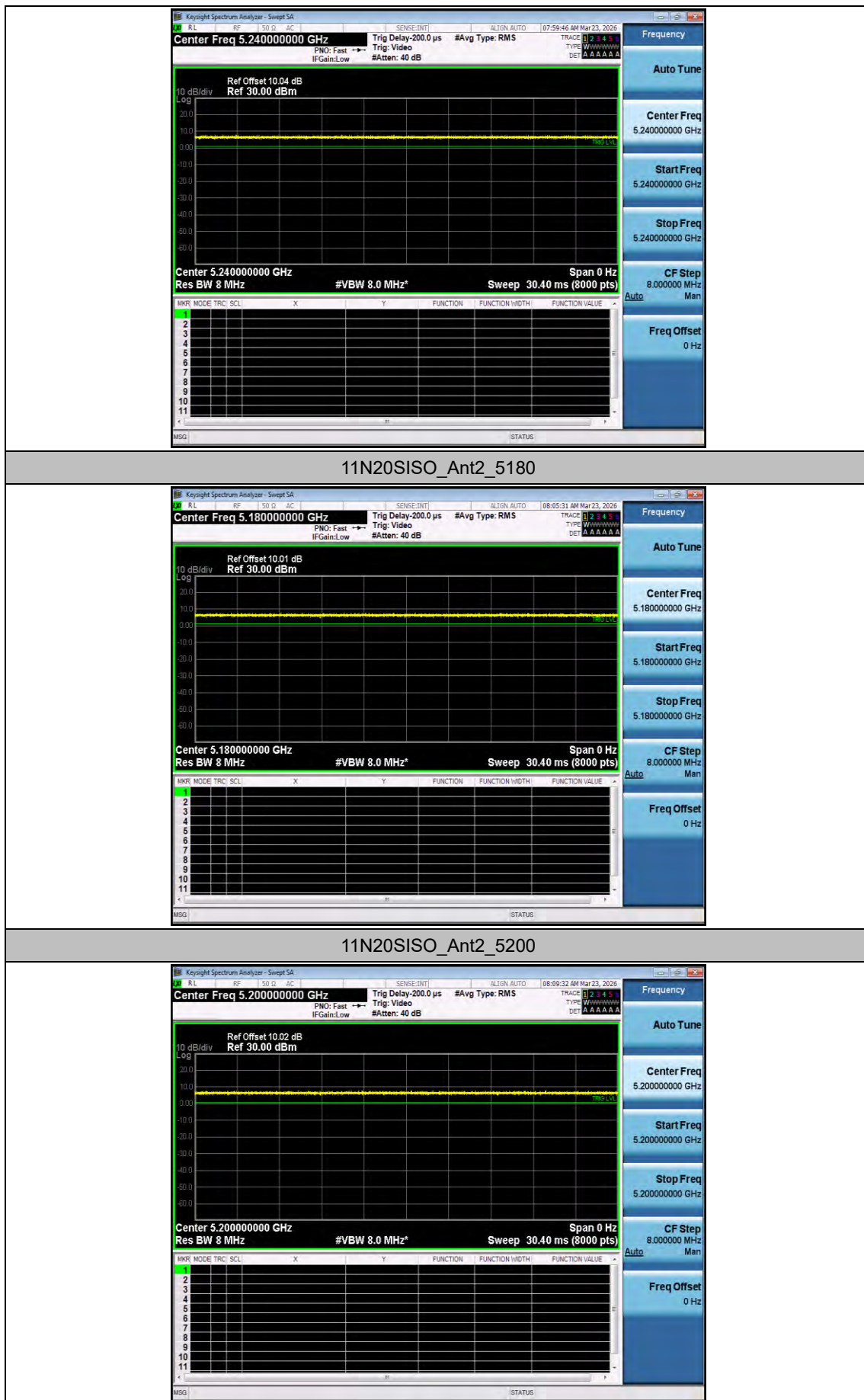
11A_Ant2_5180



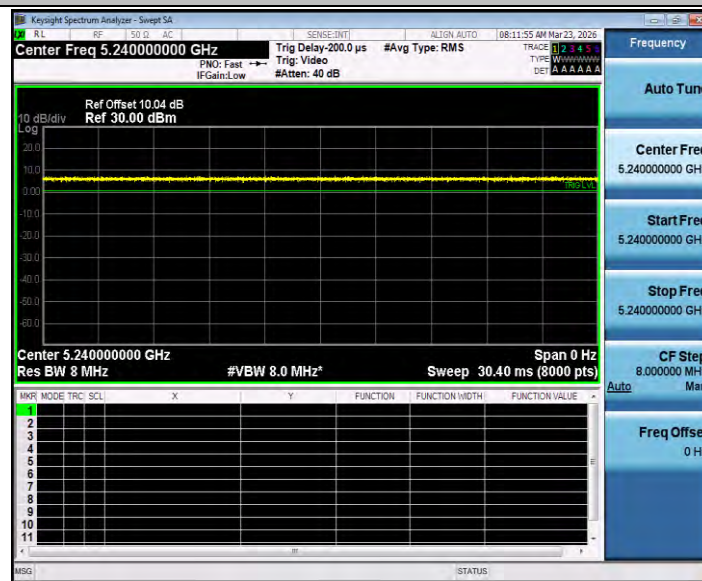
11A_Ant2_5200



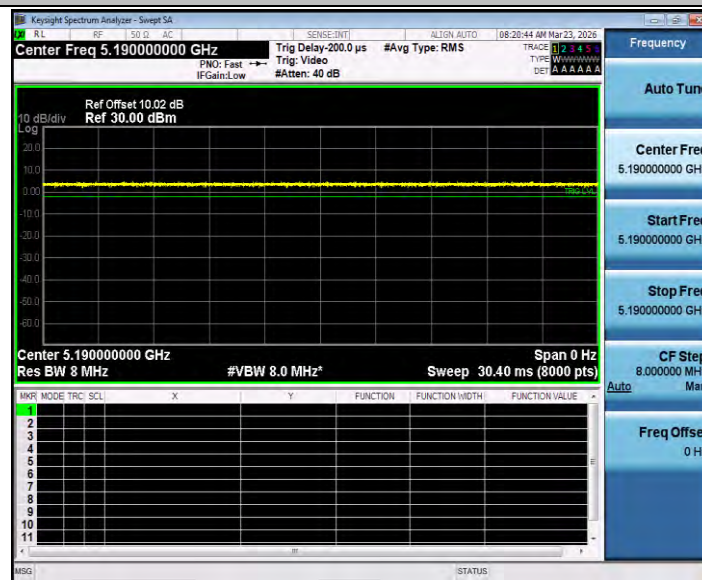
11A_Ant2_5240



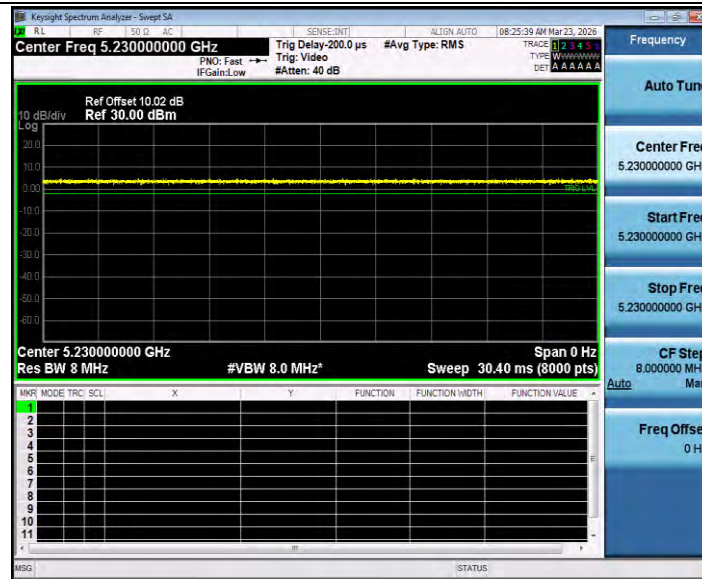
11N20SISO_Ant2_5240



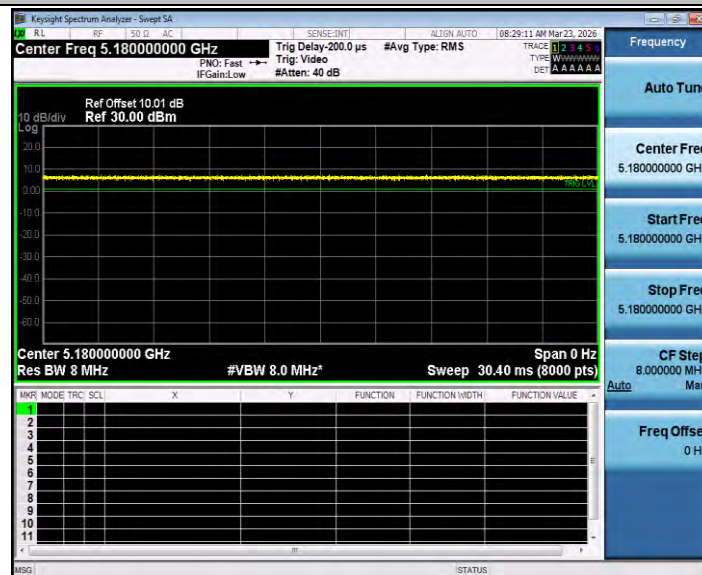
11N40SISO_Ant2_5190



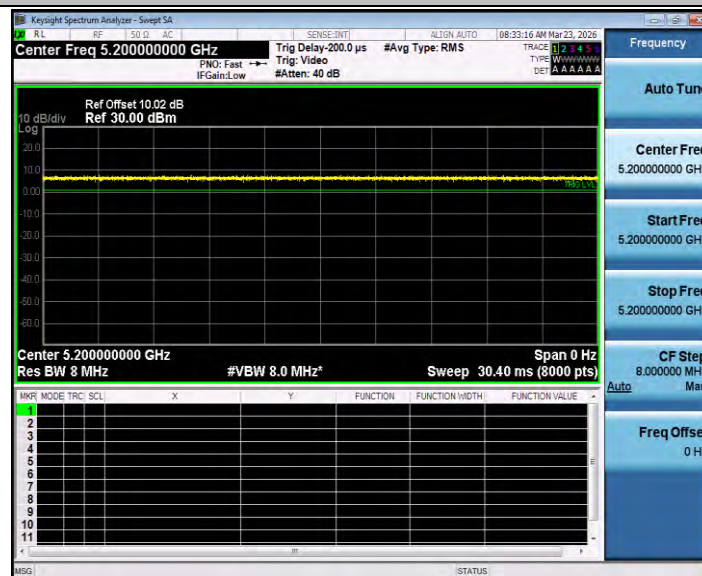
11N40SISO_Ant2_5230



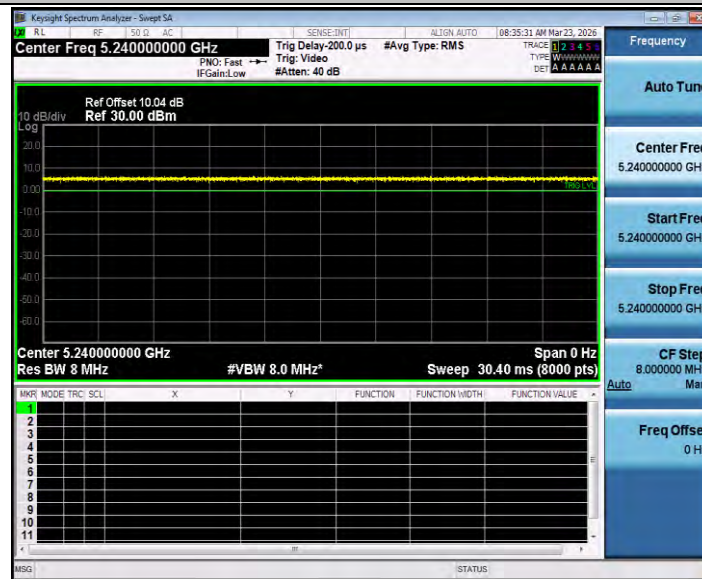
11AC20SISO_Ant2_5180



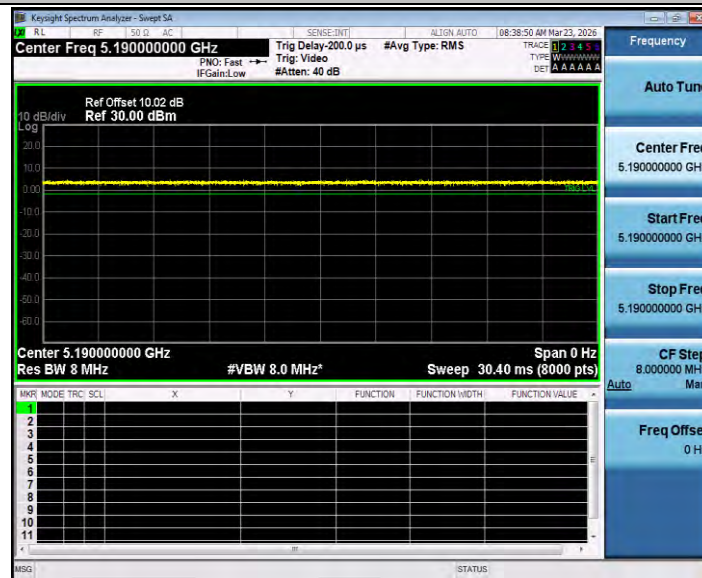
11AC20SISO_Ant2_5200



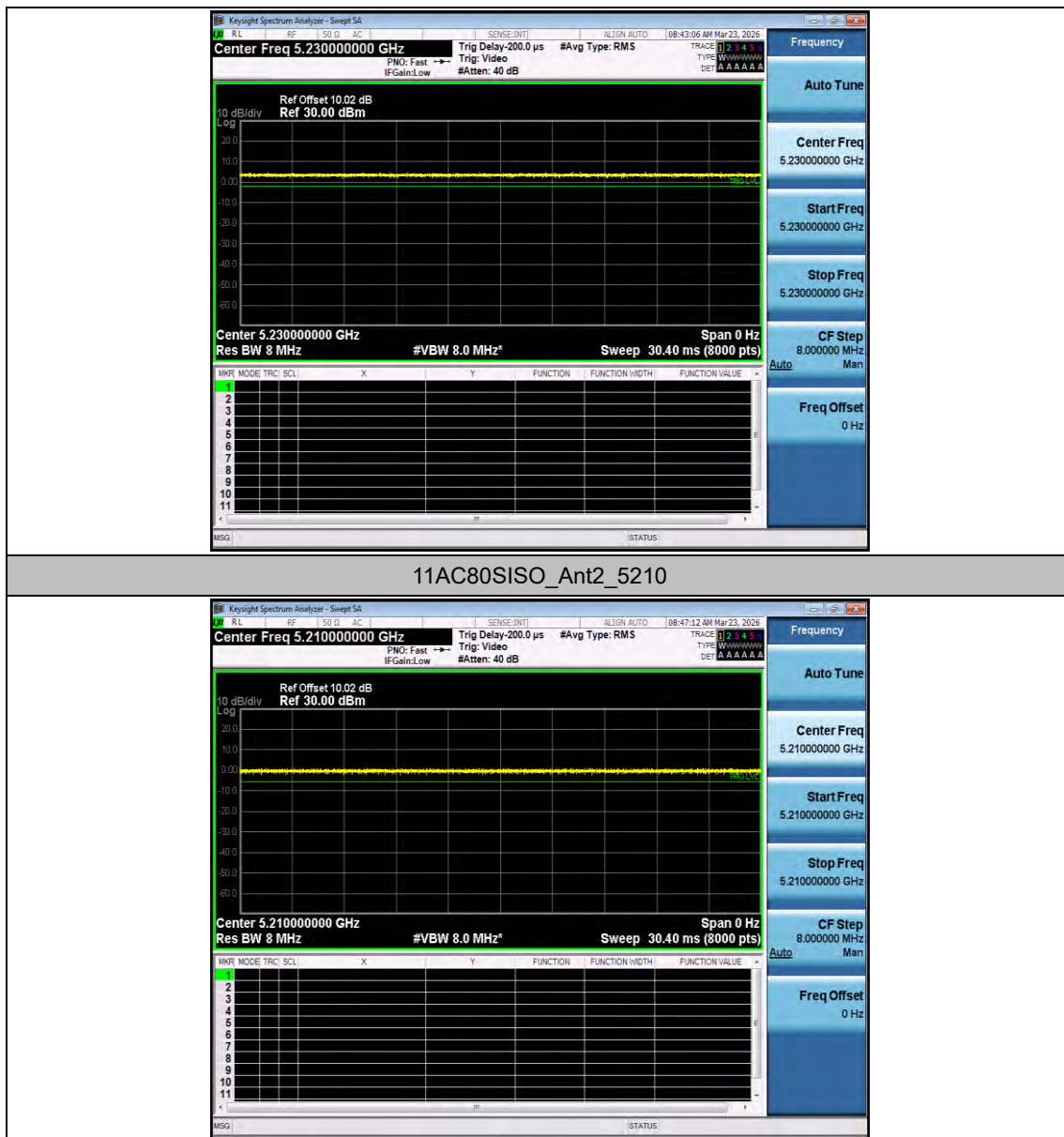
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



Appendix D.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	10.30	100.00	0.00	10.30	≤23.98	PASS
		5200	10.68	100.00	0.00	10.68	≤23.98	PASS
		5240	10.28	100.00	0.00	10.28	≤23.98	PASS
11N20SISO	Ant2	5180	10.58	100.00	0.00	10.58	≤23.98	PASS
		5200	10.47	100.00	0.00	10.47	≤23.98	PASS
		5240	9.99	100.00	0.00	9.99	≤23.98	PASS
11N40SISO	Ant2	5190	10.44	100.00	0.00	10.44	≤23.98	PASS
		5230	10.21	100.00	0.00	10.21	≤23.98	PASS
11AC20SISO	Ant2	5180	10.21	100.00	0.00	10.21	≤23.98	PASS
		5200	10.42	100.00	0.00	10.42	≤23.98	PASS
		5240	9.13	100.00	0.00	9.13	≤23.98	PASS
11AC40SISO	Ant2	5190	10.32	100.00	0.00	10.32	≤23.98	PASS
		5230	10.15	100.00	0.00	10.15	≤23.98	PASS
11AC80SISO	Ant2	5210	9.90	100.00	0.00	9.90	≤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	-1.31	≤11.00	PASS
		5200	-0.91	≤11.00	PASS
		5240	-1.36	≤11.00	PASS
11N20SISO	Ant2	5180	-1.36	≤11.00	PASS
		5200	-1.29	≤11.00	PASS
		5240	-1.77	≤11.00	PASS
11N40SISO	Ant2	5190	-4.24	≤11.00	PASS
		5230	-4.44	≤11.00	PASS
11AC20SISO	Ant2	5180	-1.67	≤11.00	PASS
		5200	-1.35	≤11.00	PASS
		5240	-2.60	≤11.00	PASS
11AC40SISO	Ant2	5190	-4.34	≤11.00	PASS
		5230	-4.53	≤11.00	PASS
11AC80SISO	Ant2	5210	-6.60	≤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_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



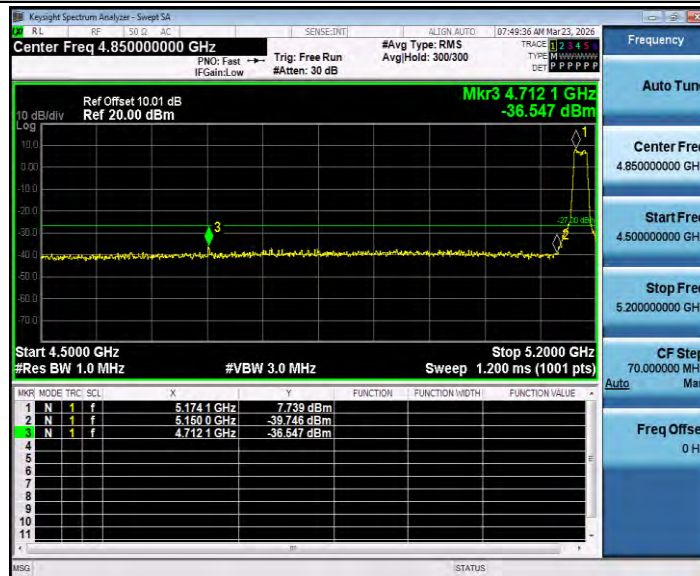
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-36.55	≤ -27	PASS
		High	5240	-36.74	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-37.15	≤ -27	PASS
		High	5240	-36.87	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-30.82	≤ -27	PASS
		High	5230	-37.58	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-35.89	≤ -27	PASS
		High	5240	-37.14	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-32.28	≤ -27	PASS
		High	5230	-37.79	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-29.54	≤ -27	PASS
		High	5210	-37.85	≤ -27	PASS

Test GraphsB1

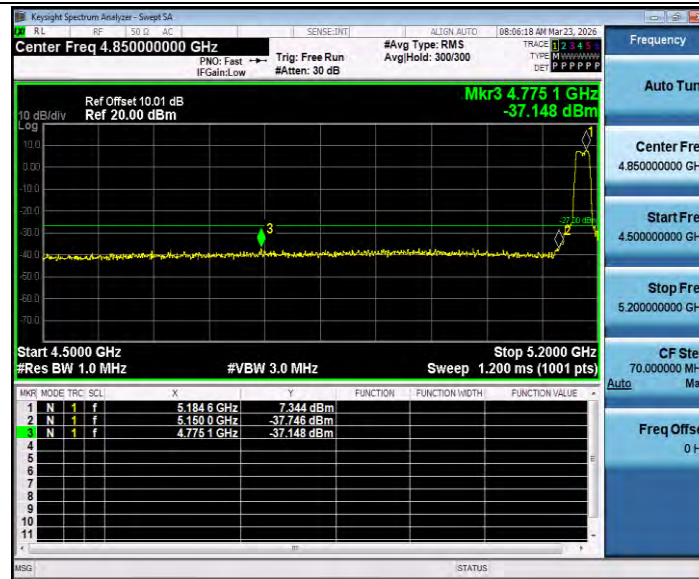
11A_Ant2_Low_5180



11A_Ant2_High_5240



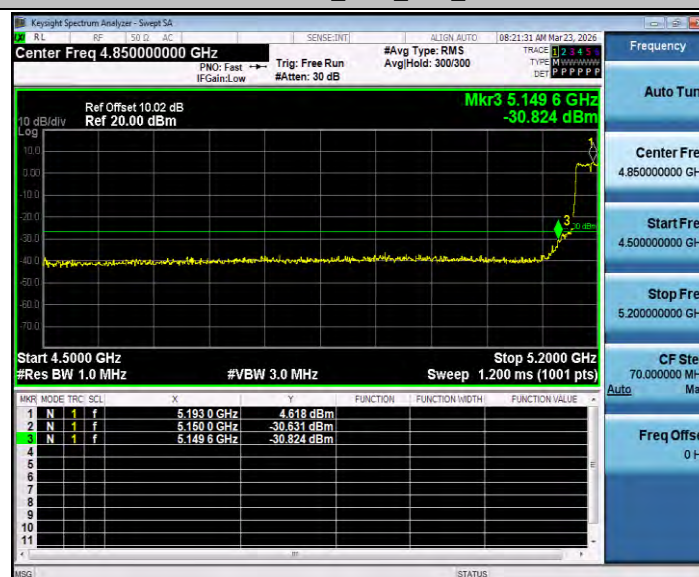
11N20SISO_Ant2_Low_5180



11N20SISO_Ant2_High_5240



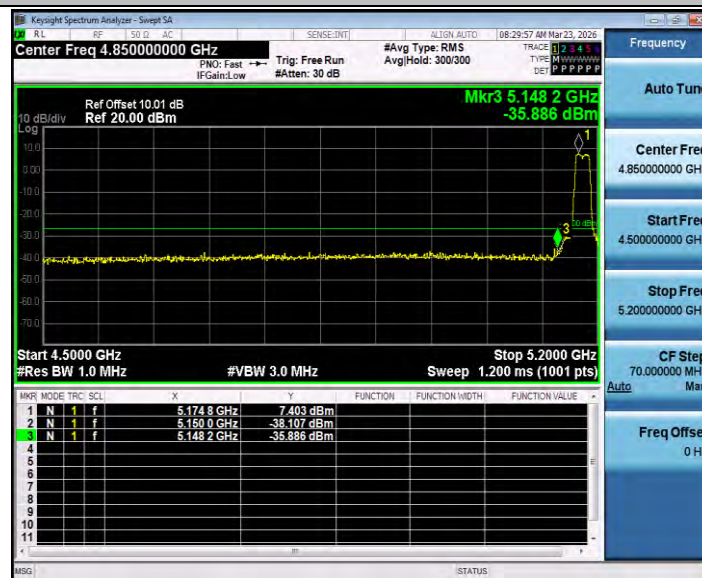
11N40SISO_Ant2_Low_5190



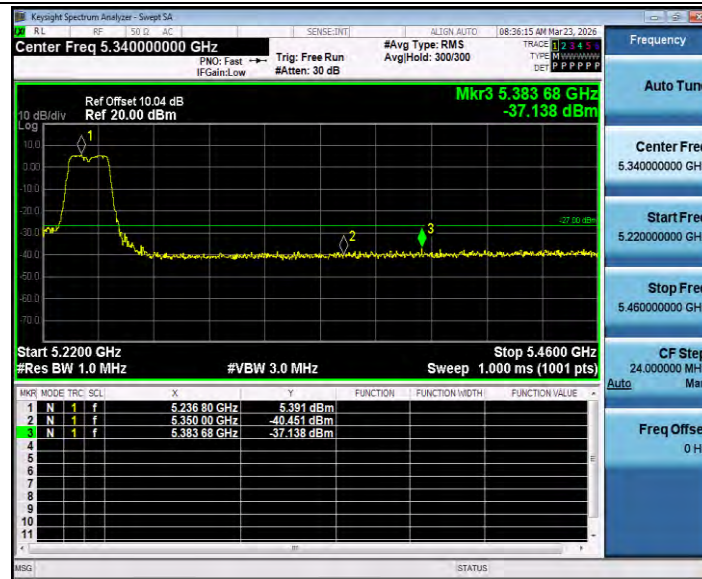
11N40SISO_Ant2_High_5230



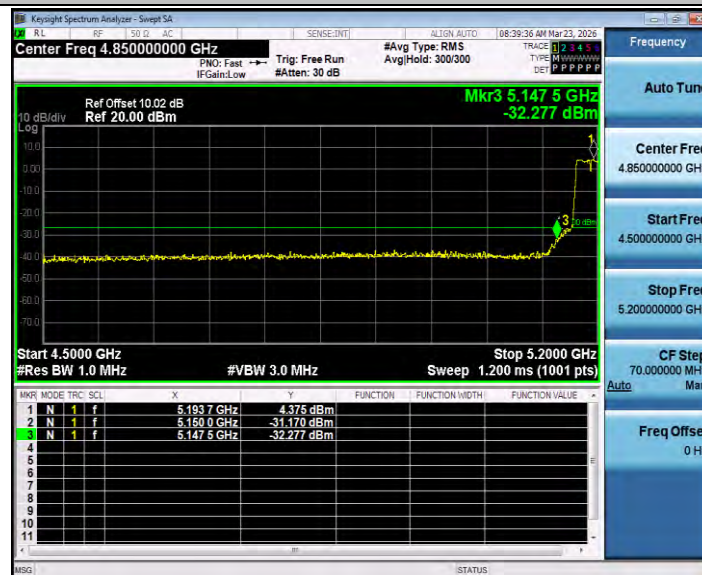
11AC20SISO_Ant2_Low_5180



11AC20SISO_Ant2_High_5240

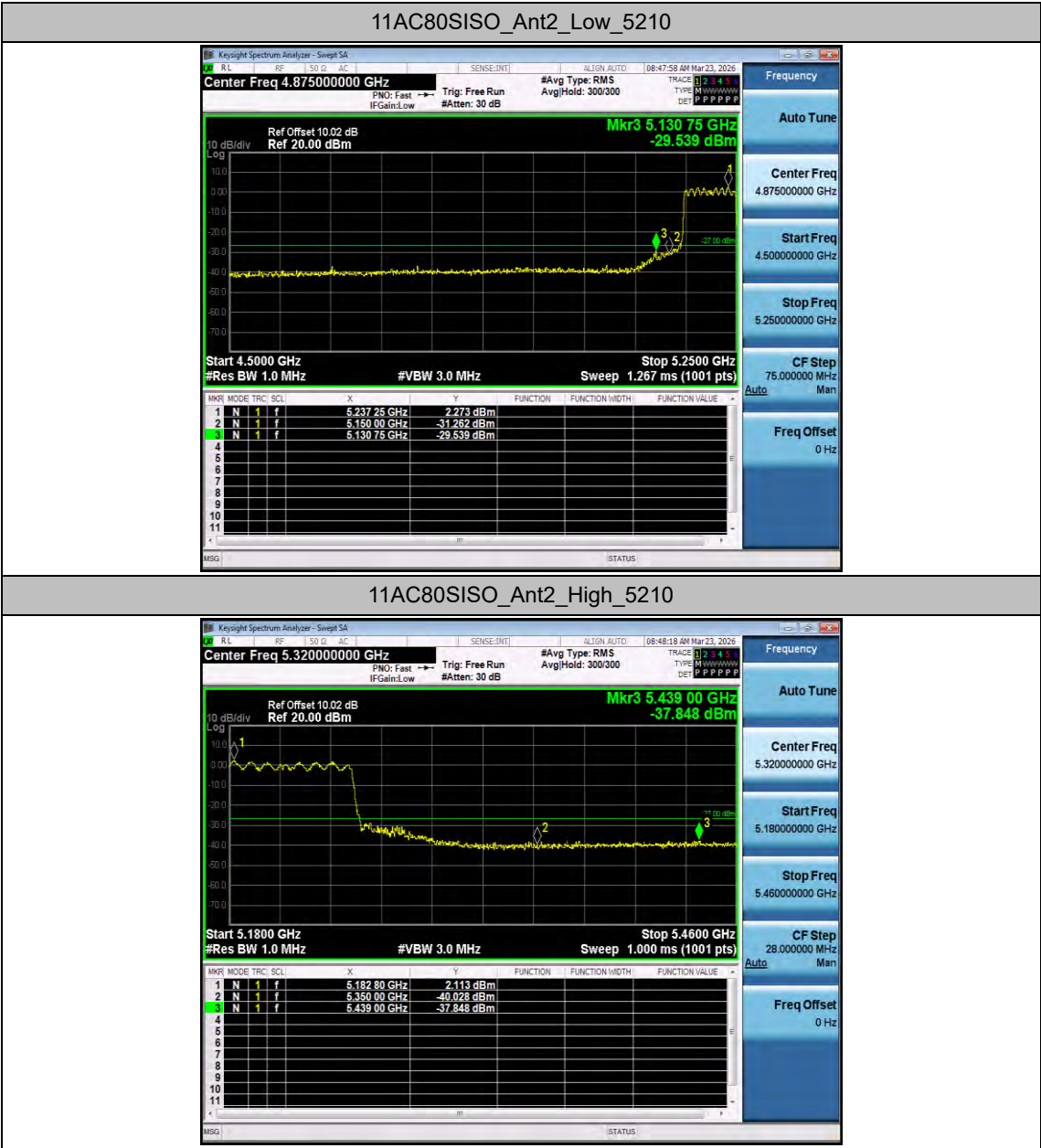


11AC40SISO_Ant2_Low_5190



11AC40SISO_Ant2_High_5230





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	4677.89	-46.27	≤-27	PASS
			5360~27000	24238.74	-37.31	≤-27	PASS
		5200	30~5140	4916.01	-46.02	≤-27	PASS
			5360~27000	24750.88	-37.07	≤-27	PASS
		5240	30~5140	2664.21	-44.37	≤-27	PASS
			5360~27000	23491.43	-37.12	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	3247.94	-46.53	≤-27	PASS
			5360~27000	26052.89	-37.11	≤-27	PASS
		5200	30~5140	3043.37	-46.54	≤-27	PASS
			5360~27000	23469.07	-36.04	≤-27	PASS
		5240	30~5140	3309.43	-46.82	≤-27	PASS
			5360~27000	26849.96	-36.19	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5140	-40.15	≤-27	PASS
			5360~27000	26648.71	-36.13	≤-27	PASS
		5230	30~5140	4896.25	-45.95	≤-27	PASS
			5360~27000	26982.69	-36.9	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	2593.01	-46.27	≤-27	PASS
			5360~27000	24311.59	-36.93	≤-27	PASS
		5200	30~5140	4952.29	-46.44	≤-27	PASS
			5360~27000	24261.1	-37.16	≤-27	PASS
		5240	30~5140	3186.11	-45.58	≤-27	PASS
			5360~27000	24334.67	-36.97	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5136.59	-40.46	≤-27	PASS
			5360~27000	24875.67	-37.06	≤-27	PASS
		5230	30~5140	3043.2	-46.67	≤-27	PASS
			5360~27000	25576.09	-36.58	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5130.29	-30.44	≤-27	PASS
			5360~27000	25580.42	-37.29	≤-27	PASS

Test Graphs

11A_Ant2_5180_30~5140



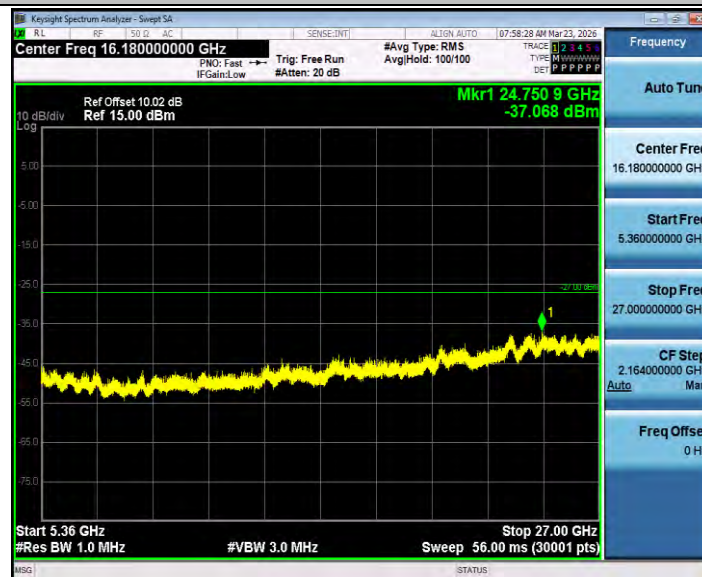
11A_Ant2_5180_5360~27000



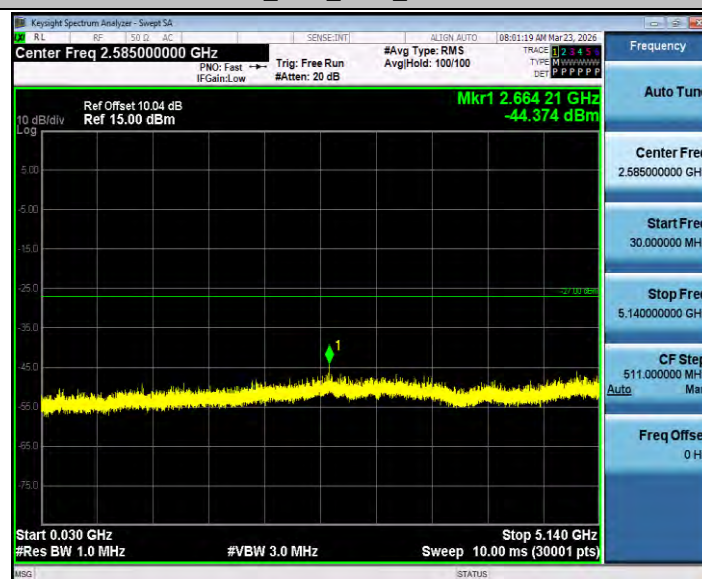
11A_Ant2_5200_30~5140



11A_Ant2_5200_5360~27000



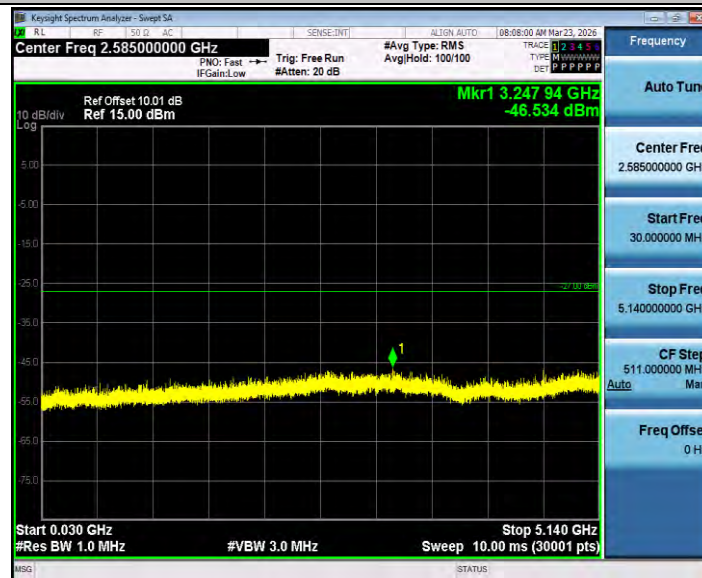
11A_Ant2_5240_30~5140



11A_Ant2_5240_5360~27000



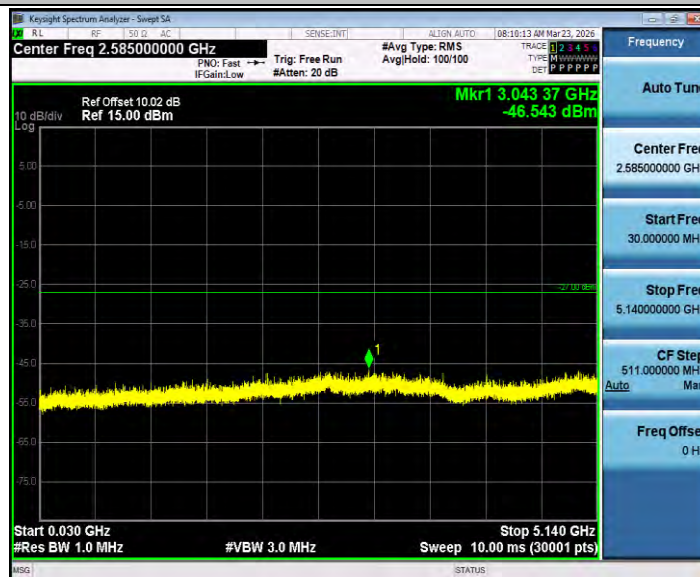
11N20SISO_Ant2_5180_30~5140



11N20SISO_Ant2_5180_5360~27000



11N20SISO_Ant2_5200_30~5140



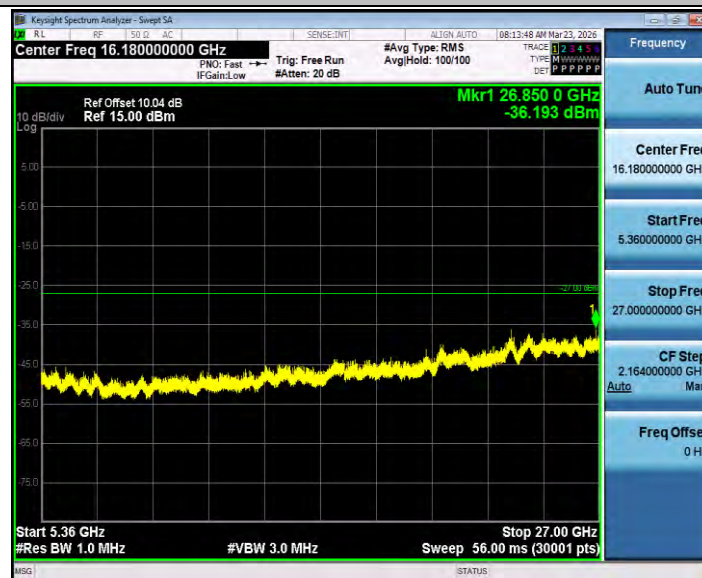
11N20SISO_Ant2_5200_5360~27000



11N20SISO_Ant2_5240_30~5140



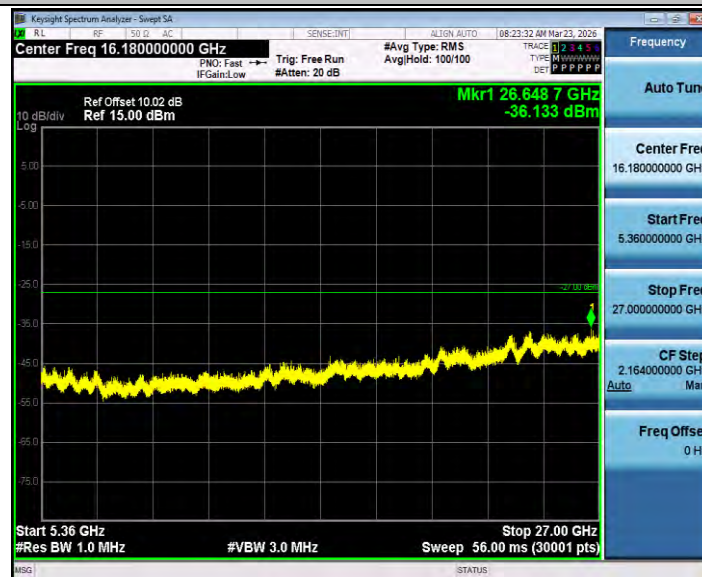
11N20SISO_Ant2_5240_5360~27000



11N40SISO_Ant2_5190_30~5140



11N40SISO_Ant2_5190_5360~27000



11N40SISO_Ant2_5230_30~5140



11N40SISO_Ant2_5230_5360~27000



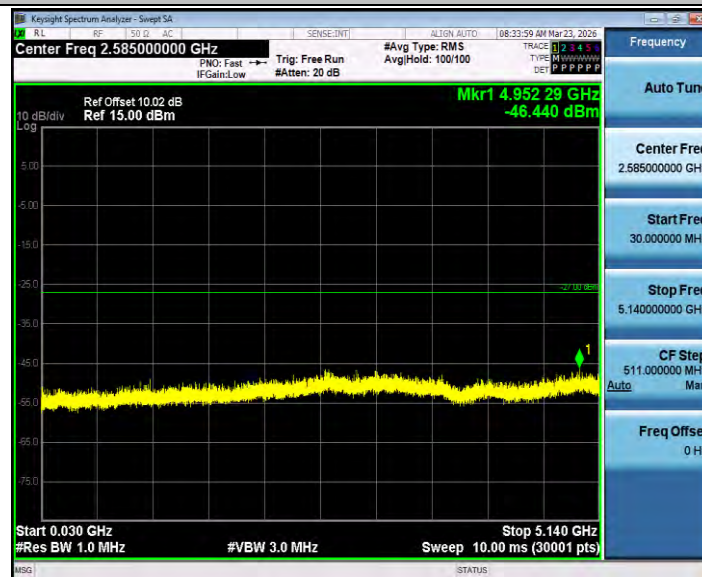
11AC20SISO_Ant2_5180_30~5140



11AC20SISO_Ant2_5180_5360~27000



11AC20SISO_Ant2_5200_30~5140



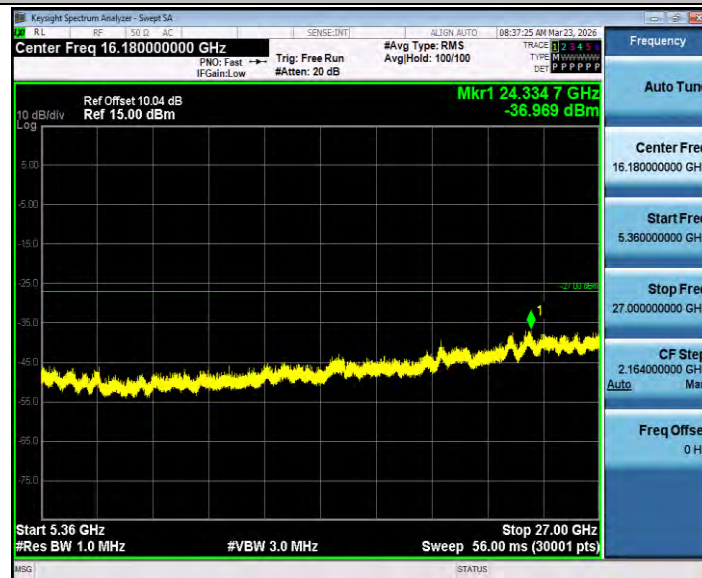
11AC20SISO_Ant2_5200_5360~27000



11AC20SISO_Ant2_5240_30~5140



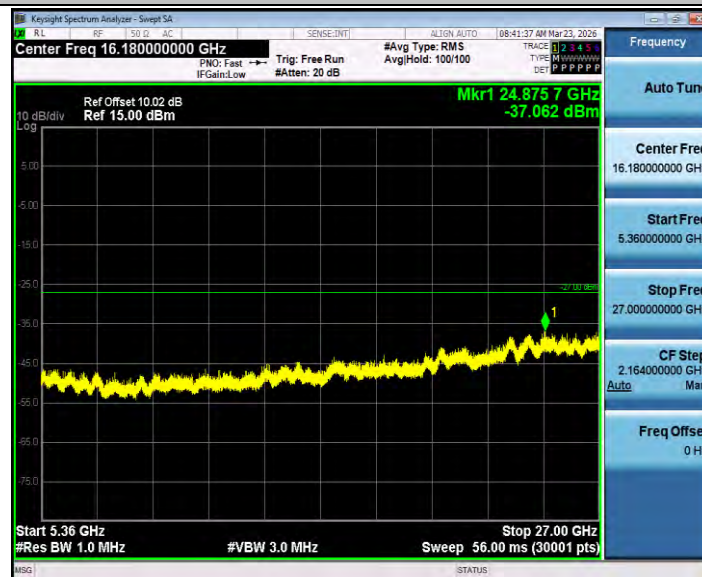
11AC20SISO_Ant2_5240_5360~27000



11AC40SISO_Ant2_5190_30~5140



11AC40SISO_Ant2_5190_5360~27000



11AC40SISO_Ant2_5230_30~5140

