

Case No. : <u>GTS20260115008-1-04</u>
Ambient Condition: <u>21</u> °C, <u>56</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.2.25-2026.3.16</u> Test Engineer: <u>Evan ouyang</u>

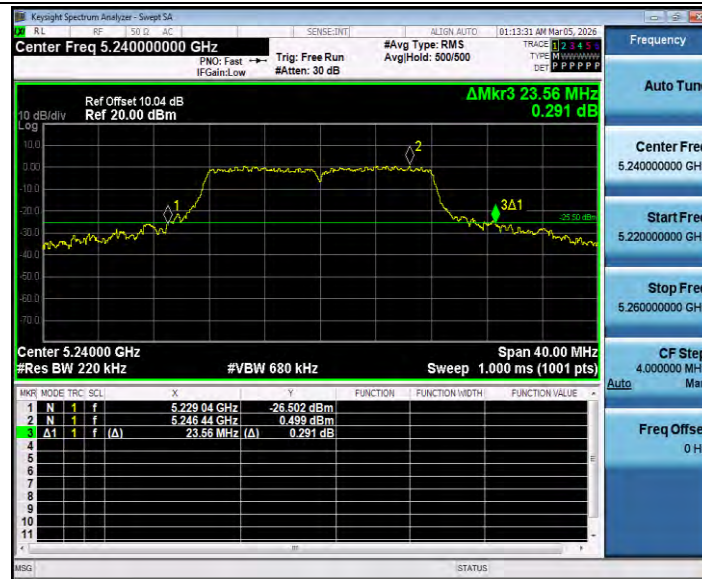
Appendix D.1: Emission Bandwidth

Test Result

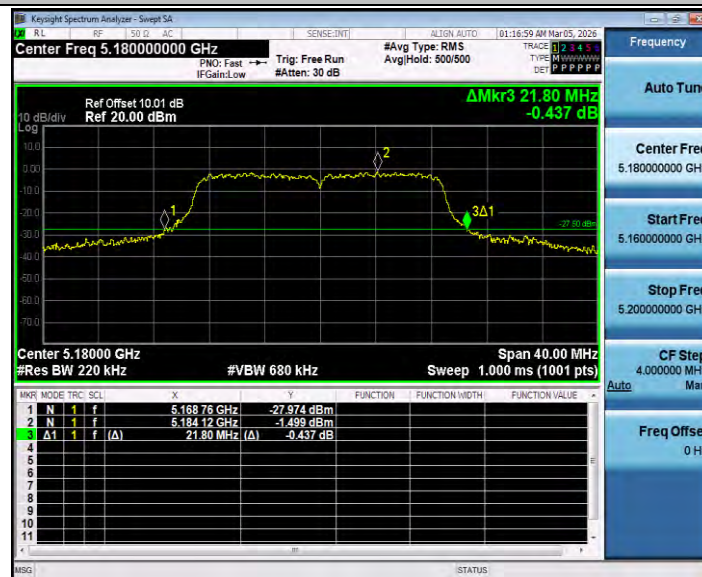
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.840	5169.640	5190.480	---	---
		5200	20.840	5189.600	5210.440	---	---
		5240	23.560	5229.040	5252.600	---	---
11N20SISO	Ant1	5180	21.800	5168.760	5190.560	---	---
		5200	21.720	5188.880	5210.600	---	---
		5240	23.200	5228.960	5252.160	---	---
11N40SISO	Ant1	5190	46.160	5165.840	5212.000	---	---
		5230	43.440	5208.880	5252.320	---	---
11AC20SISO	Ant1	5180	22.200	5168.800	5191.000	---	---
		5200	21.920	5188.880	5210.800	---	---
		5240	23.200	5229.040	5252.240	---	---
11AC40SISO	Ant1	5190	44.800	5166.000	5210.800	---	---
		5230	42.640	5209.440	5252.080	---	---
11AC80SISO	Ant1	5210	84.160	5169.520	5253.680	---	---

Test Graphs





11N20SISO_Ant1_5180



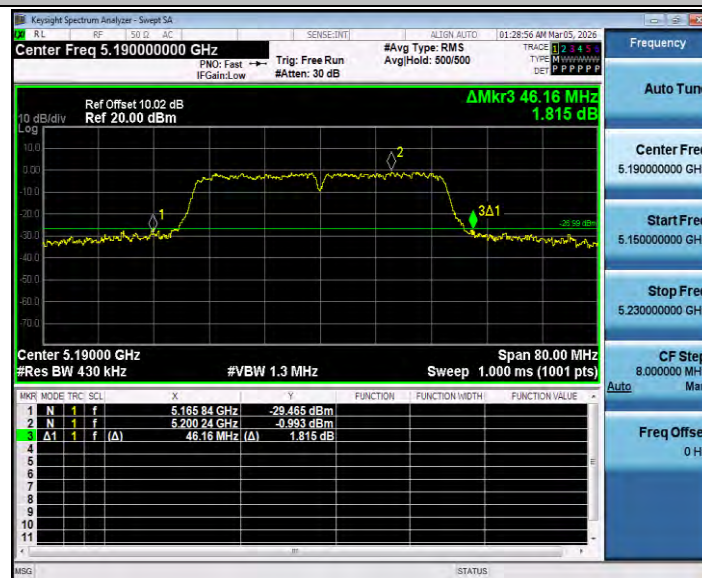
11N20SISO_Ant1_5200



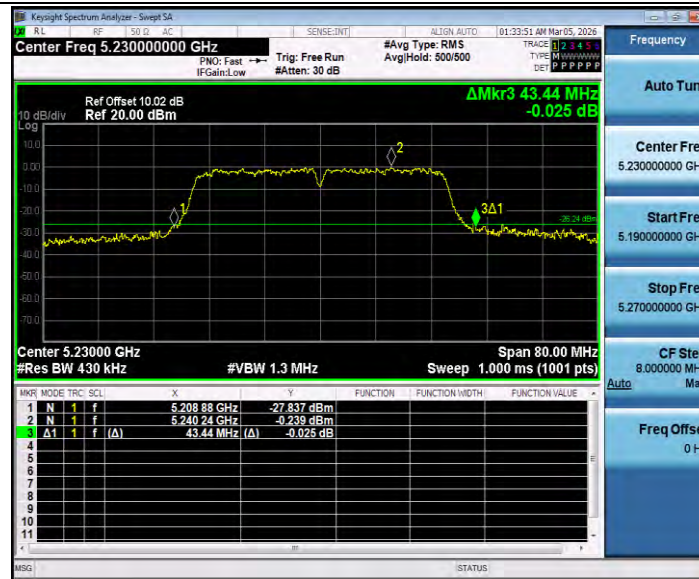
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



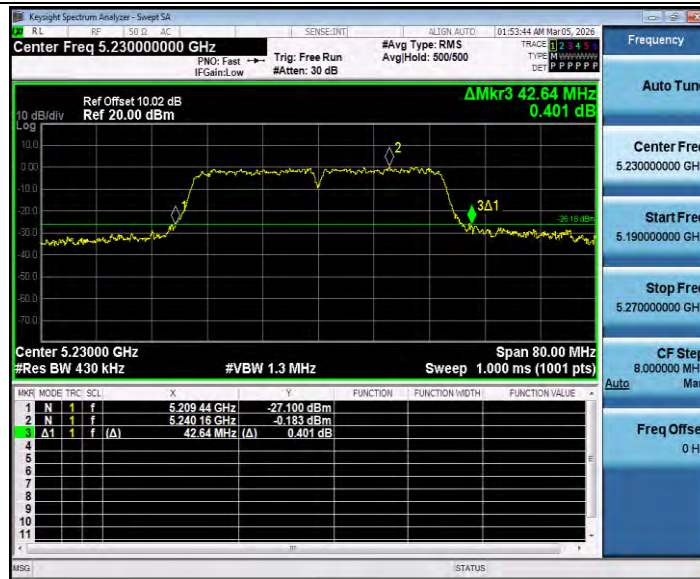
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

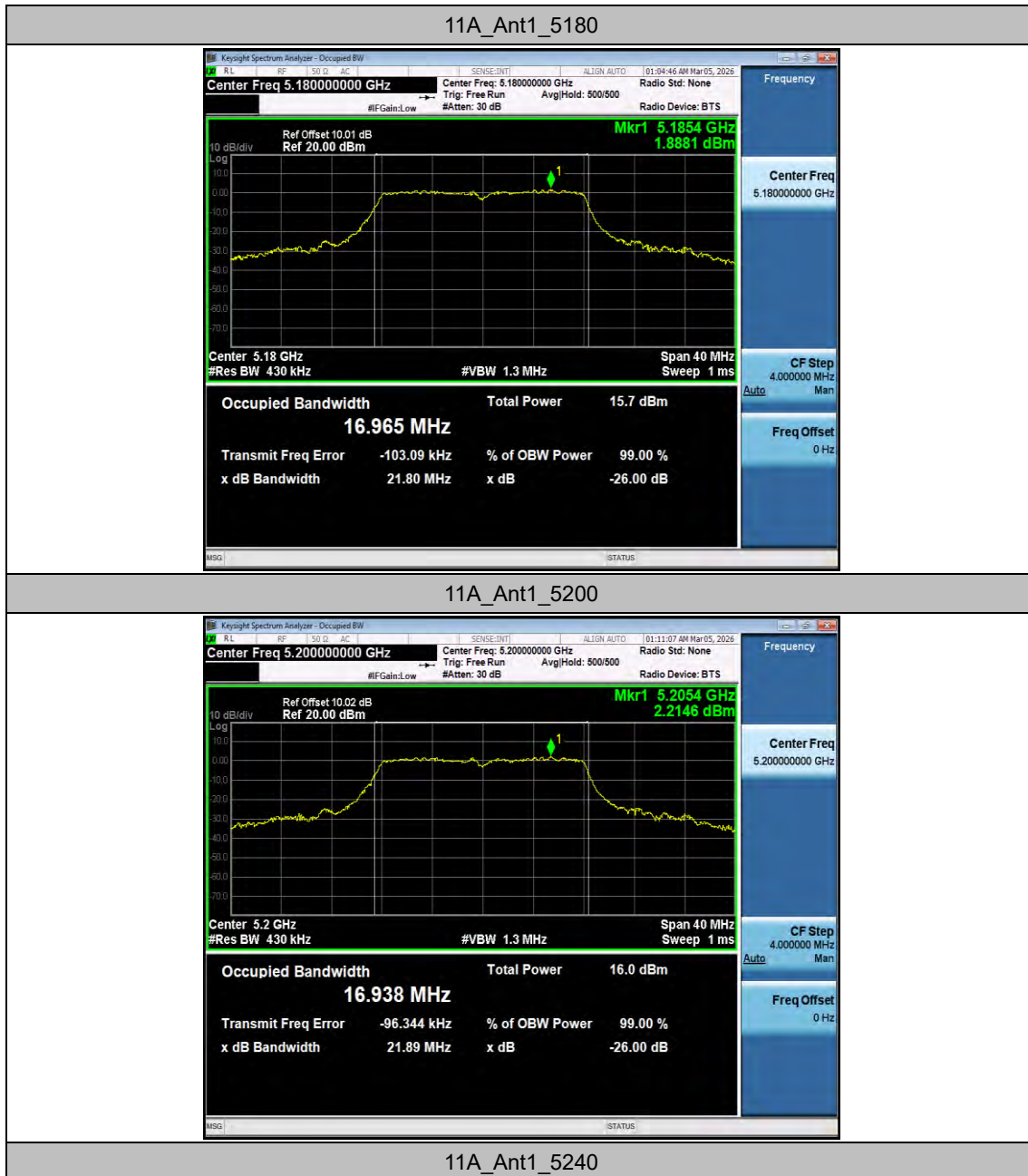


Appendix D.2: Occupied channel bandwidth

Test Result

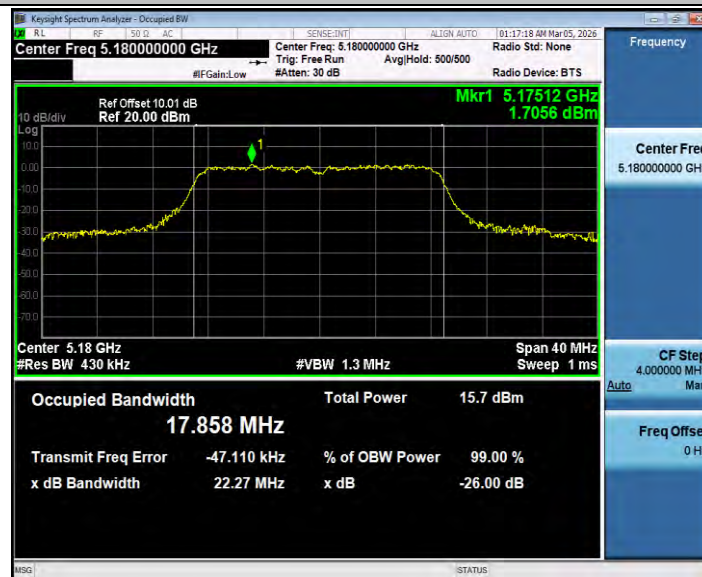
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.965	5171.4144	5188.3794	---	---
		5200	16.938	5191.4347	5208.3727	---	---
		5240	17.043	5231.3866	5248.4296	---	---
11N20SISO	Ant1	5180	17.858	5171.0239	5188.8819	---	---
		5200	17.856	5191.0234	5208.8794	---	---
		5240	17.904	5231.0107	5248.9147	---	---
11N40SISO	Ant1	5190	36.421	5171.8694	5208.2904	---	---
		5230	36.449	5211.8703	5248.3193	---	---
11AC20SISO	Ant1	5180	17.913	5171.0137	5188.9267	---	---
		5200	17.893	5191.0202	5208.9132	---	---
		5240	17.926	5231.0295	5248.9555	---	---
11AC40SISO	Ant1	5190	36.398	5171.8601	5208.2581	---	---
		5230	36.401	5211.9038	5248.3048	---	---
11AC80SISO	Ant1	5210	75.389	5172.5599	5247.9489	---	---

Test Graphs

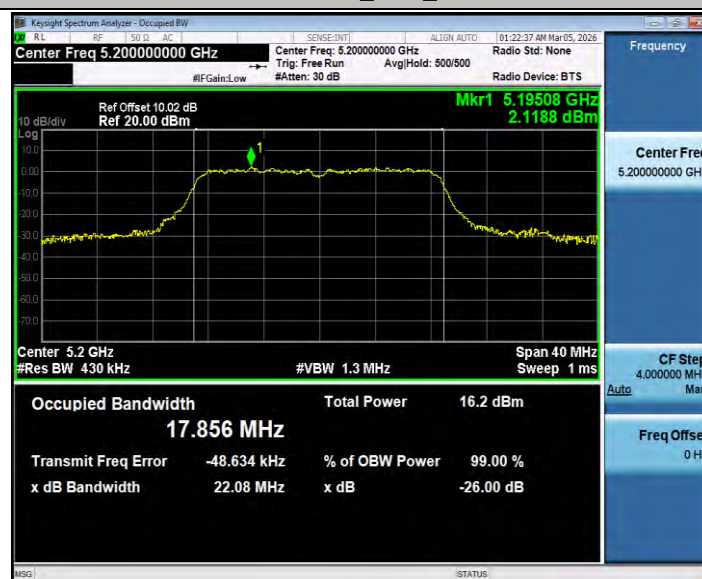




11N20SISO_Ant1_5180



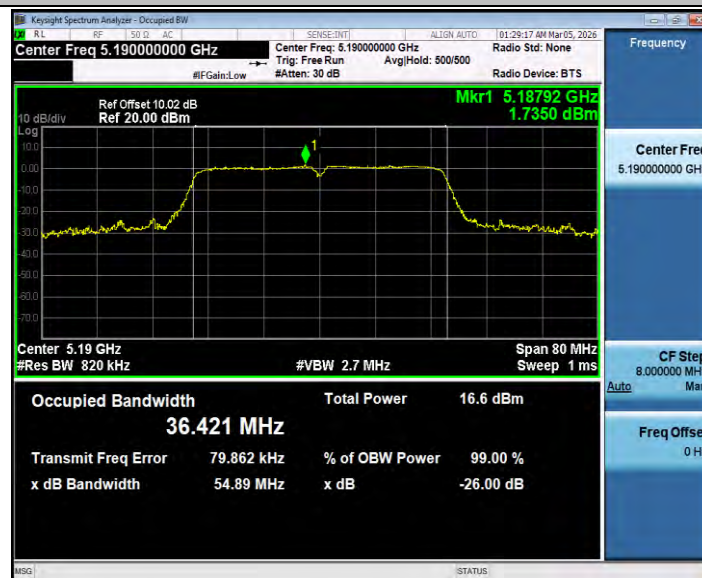
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



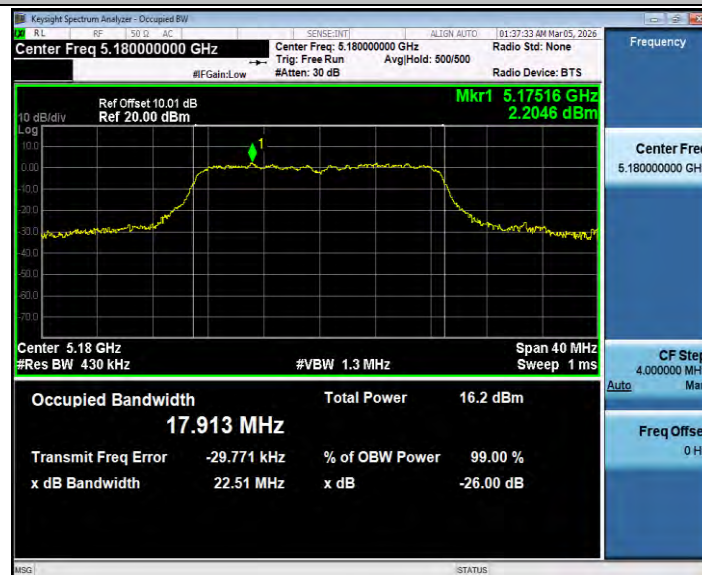
11N40SISO_Ant1_5190



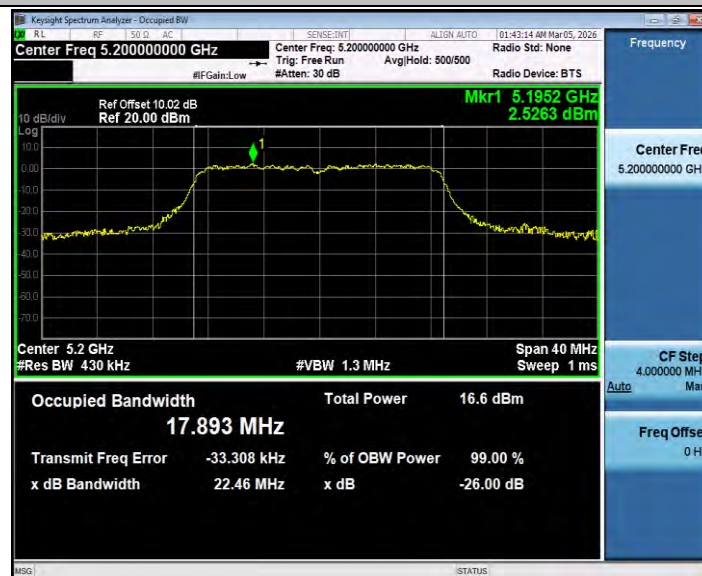
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



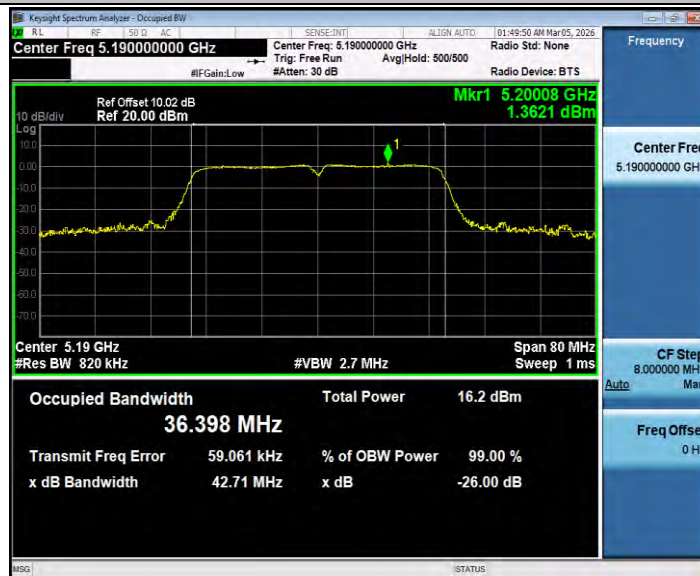
11AC20SISO_Ant1_5200



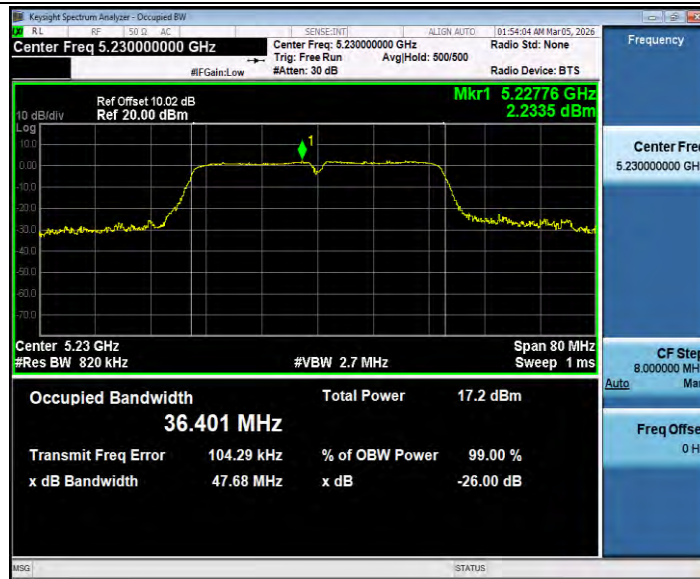
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



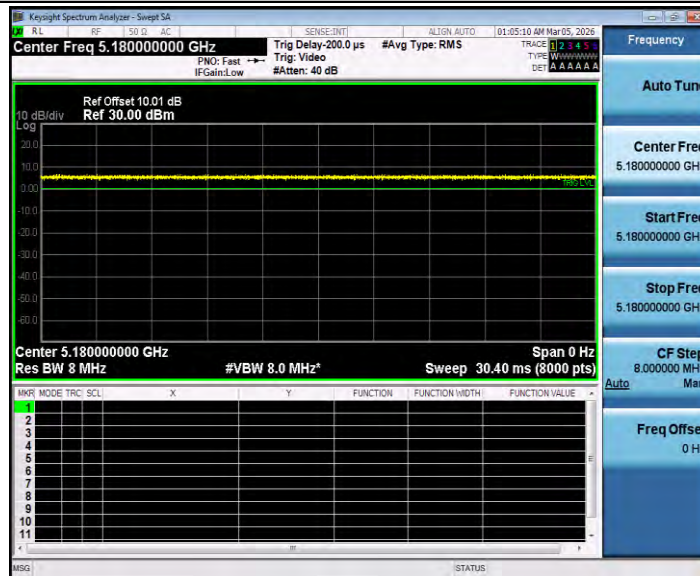
AppendixD.3: Duty Cycle

Test Result

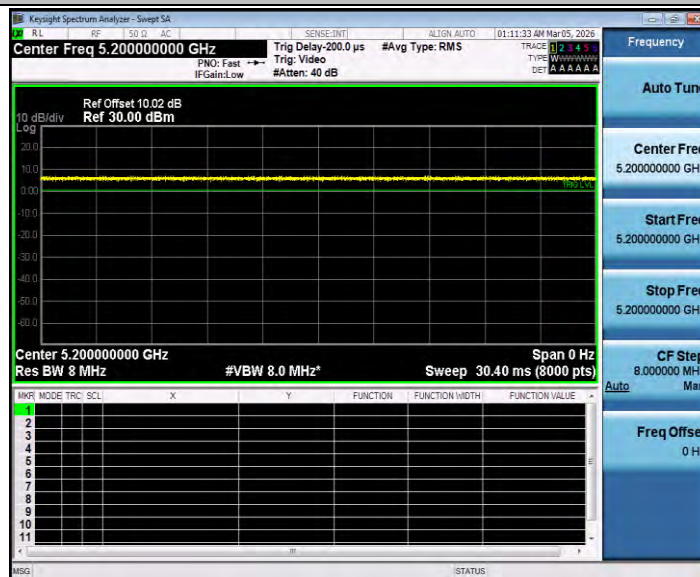
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	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	Ant1	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5210	30.00	30.00	100.00	0.00	0.03

Test Graphs

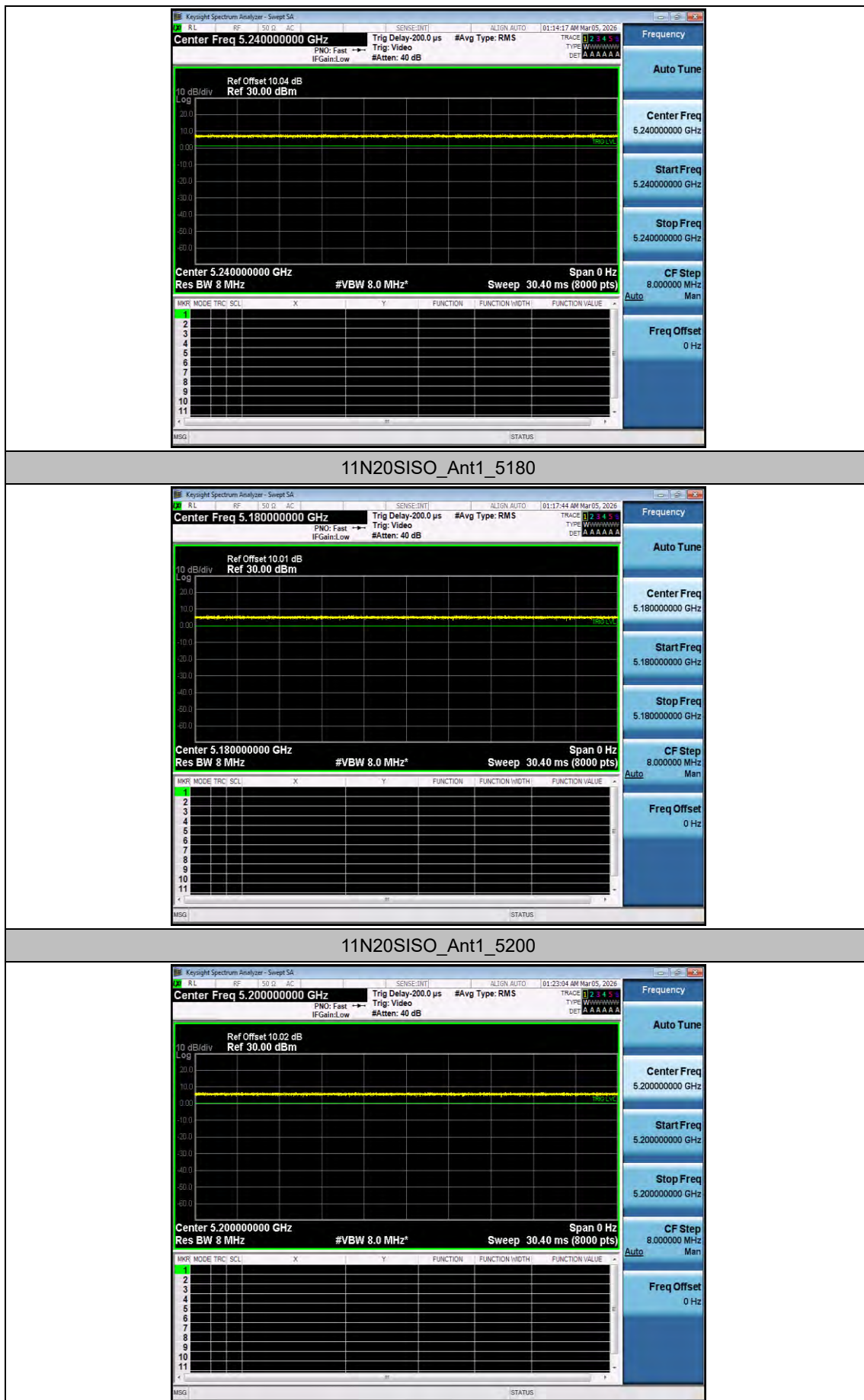
11A_Ant1_5180



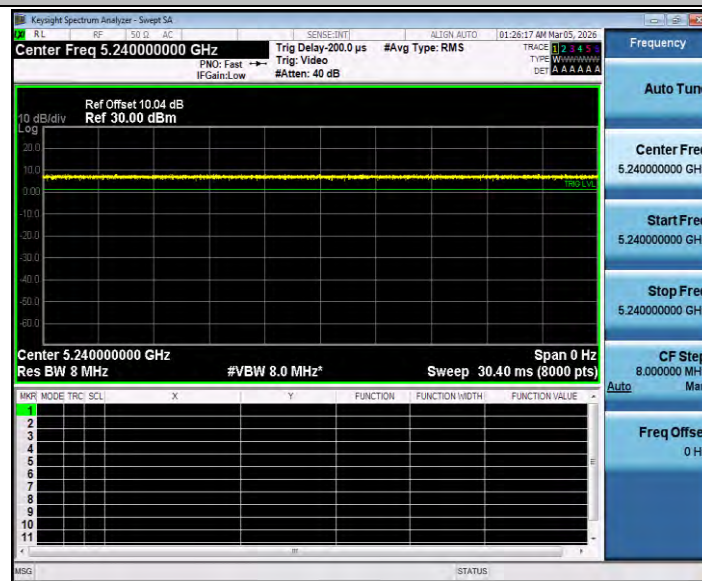
11A_Ant1_5200



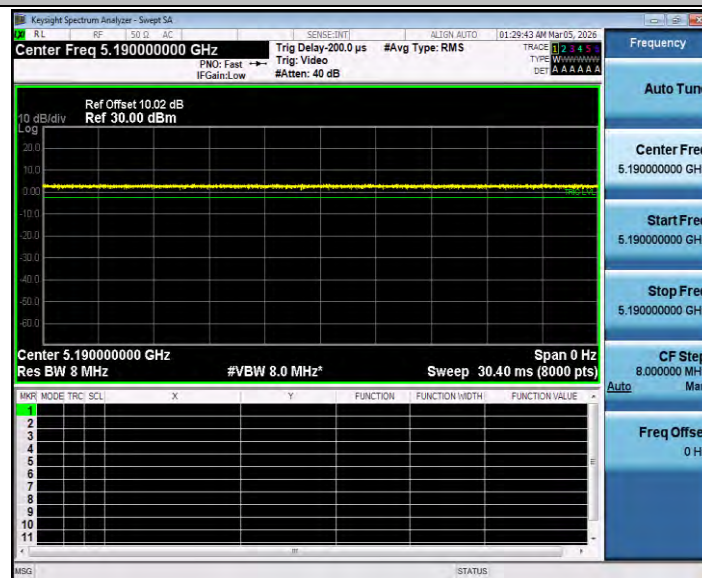
11A_Ant1_5240



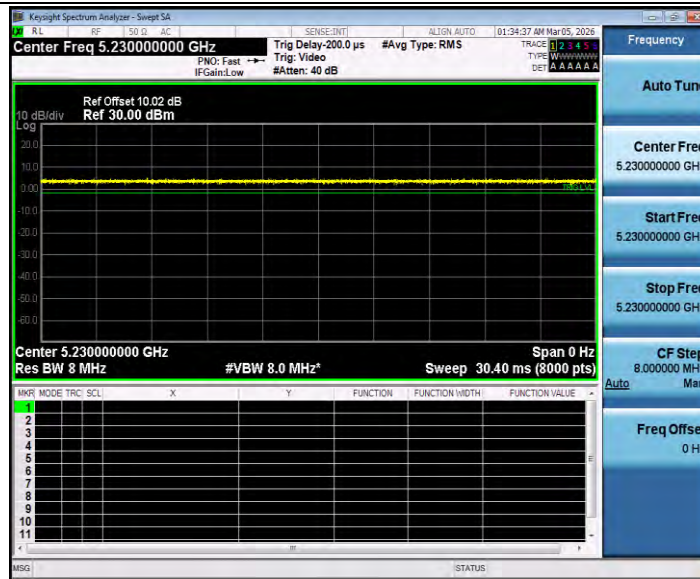
11N20SISO_Ant1_5240



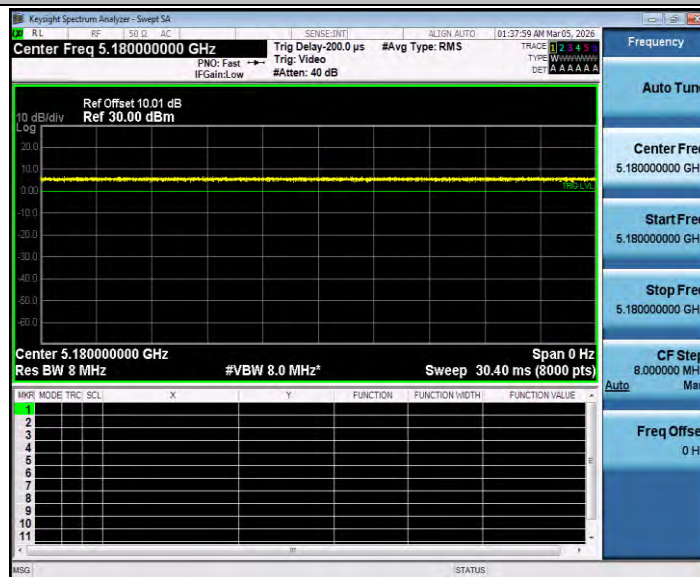
11N40SISO_Ant1_5190



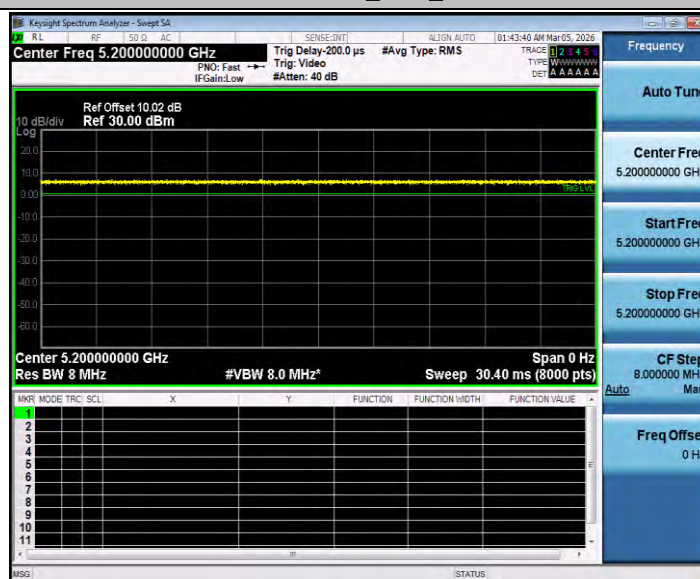
11N40SISO_Ant1_5230



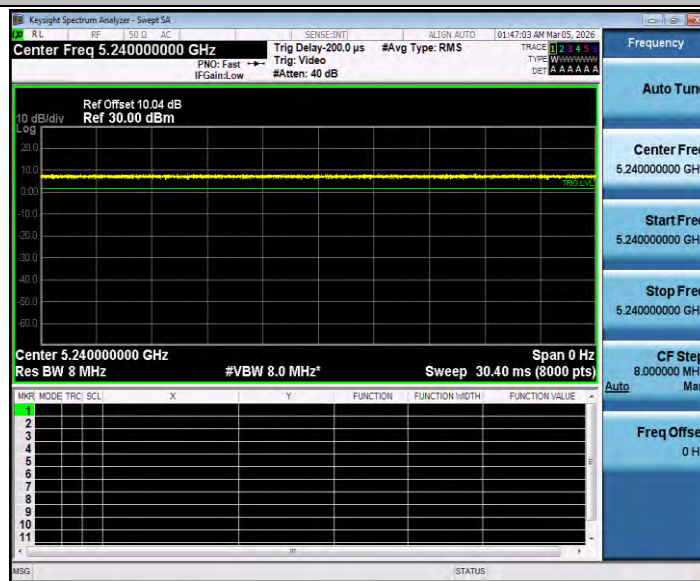
11AC20SISO_Ant1_5180



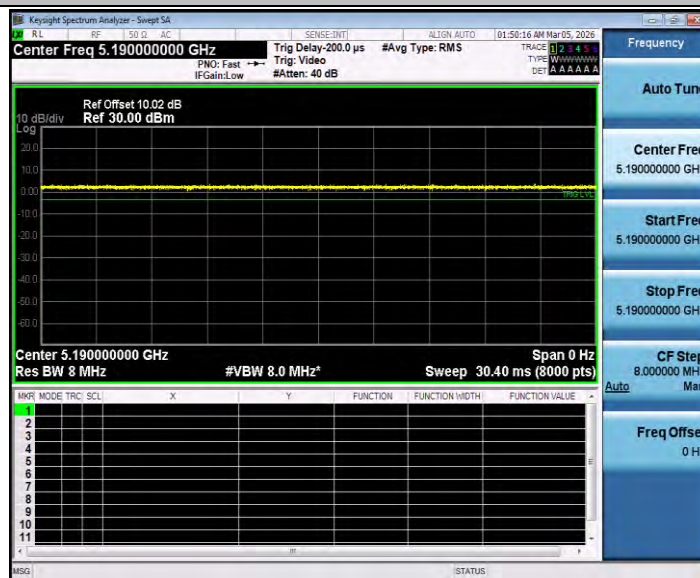
11AC20SISO_Ant1_5200



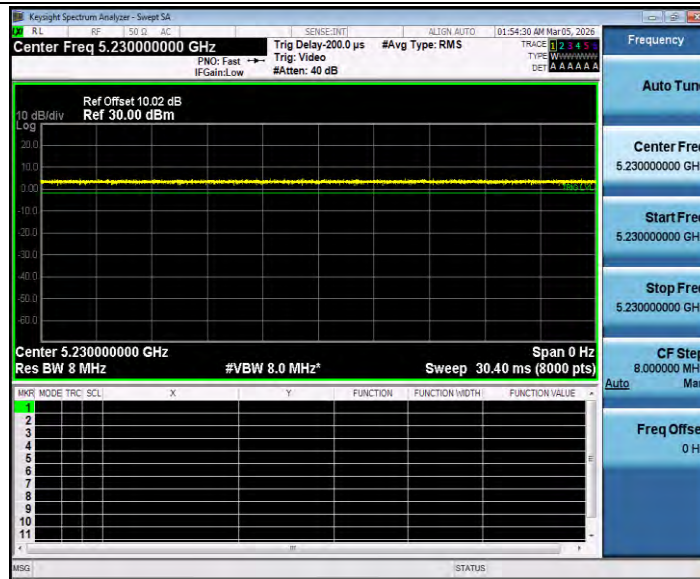
11AC20SISO_Ant1_5240



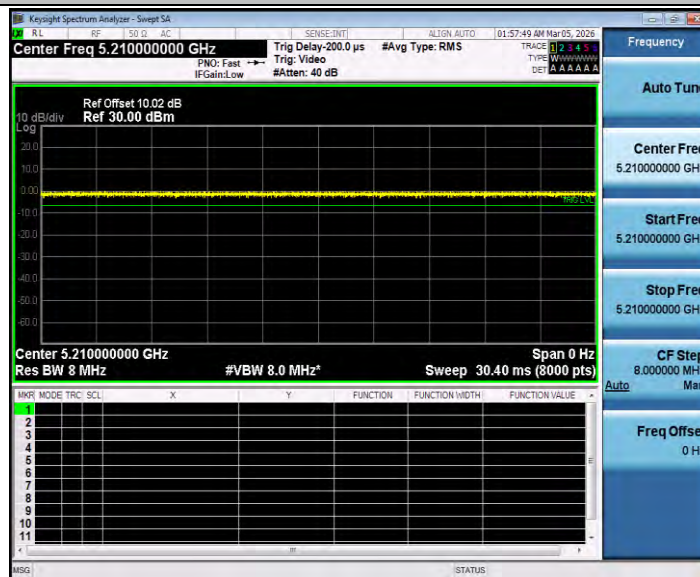
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



Appendix D.4: Maximum conducted output power

Test Result Channel Power

TestMode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	9.18	100.00	0.00	9.18	≤23.98	PASS
		5200	9.56	100.00	0.00	9.56	≤23.98	PASS
		5240	10.66	100.00	0.00	10.66	≤23.98	PASS
11N20SISO	Ant1	5180	9.04	100.00	0.00	9.04	≤23.98	PASS
		5200	9.60	100.00	0.00	9.60	≤23.98	PASS
		5240	10.85	100.00	0.00	10.85	≤23.98	PASS
11N40SISO	Ant1	5190	9.38	100.00	0.00	9.38	≤23.98	PASS
		5230	10.18	100.00	0.00	10.18	≤23.98	PASS
11AC20SISO	Ant1	5180	9.53	100.00	0.00	9.53	≤23.98	PASS
		5200	9.96	100.00	0.00	9.96	≤23.98	PASS
		5240	11.03	100.00	0.00	11.03	≤23.98	PASS
11AC40SISO	Ant1	5190	9.01	100.00	0.00	9.01	≤23.98	PASS
		5230	10.03	100.00	0.00	10.03	≤23.98	PASS
11AC80SISO	Ant1	5210	8.89	100.00	0.00	8.89	≤23.98	PASS

Appendix D.5: Maximum power spectral density

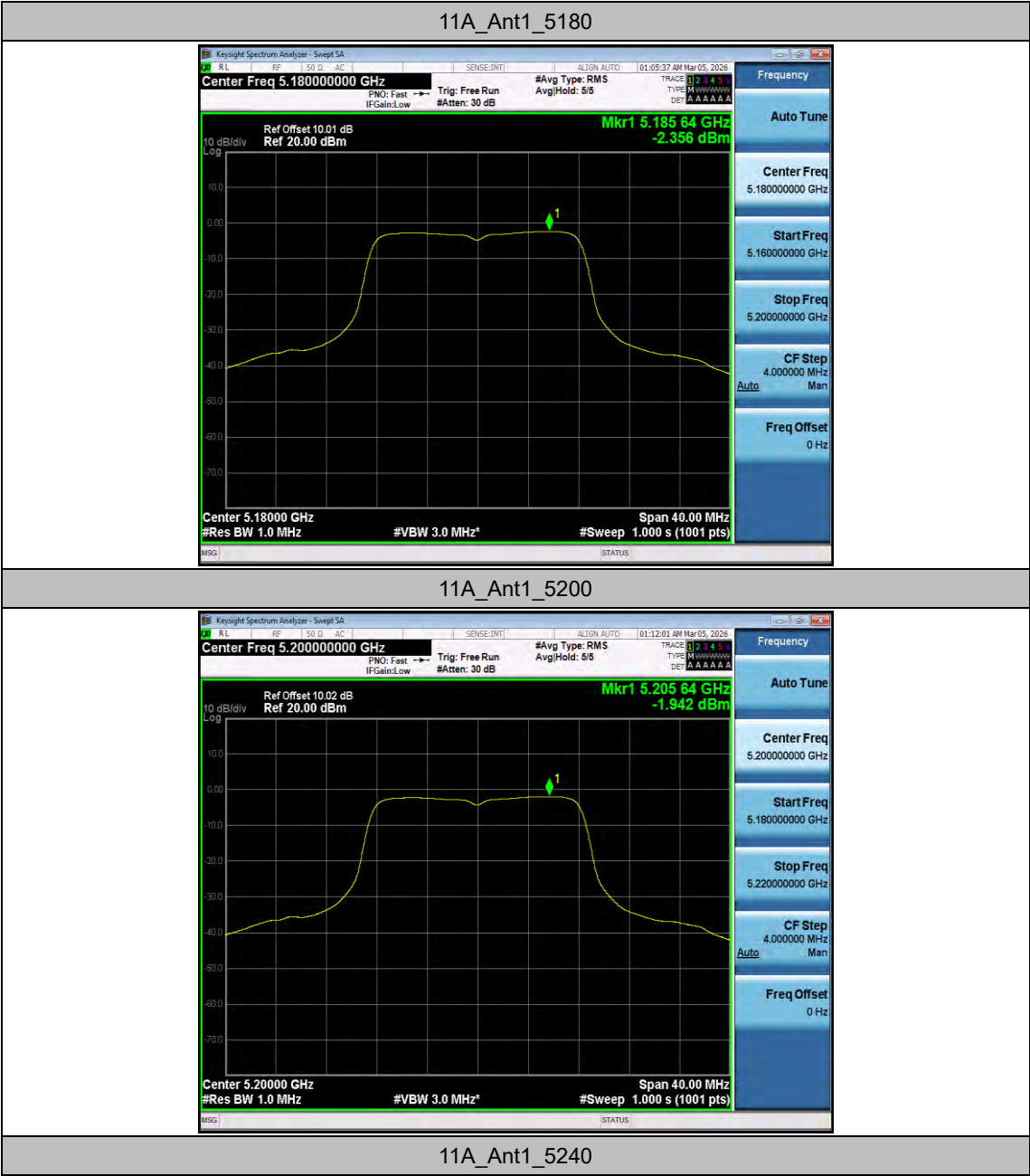
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.36	≤11.00	PASS
		5200	-1.94	≤11.00	PASS
		5240	-0.83	≤11.00	PASS
11N20SISO	Ant1	5180	-2.67	≤11.00	PASS
		5200	-2.05	≤11.00	PASS
		5240	-0.84	≤11.00	PASS
11N40SISO	Ant1	5190	-5.23	≤11.00	PASS
		5230	-4.39	≤11.00	PASS
11AC20SISO	Ant1	5180	-2.26	≤11.00	PASS
		5200	-1.75	≤11.00	PASS
		5240	-0.69	≤11.00	PASS
11AC40SISO	Ant1	5190	-5.63	≤11.00	PASS
		5230	-4.58	≤11.00	PASS
11AC80SISO	Ant1	5210	-6.93	≤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





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



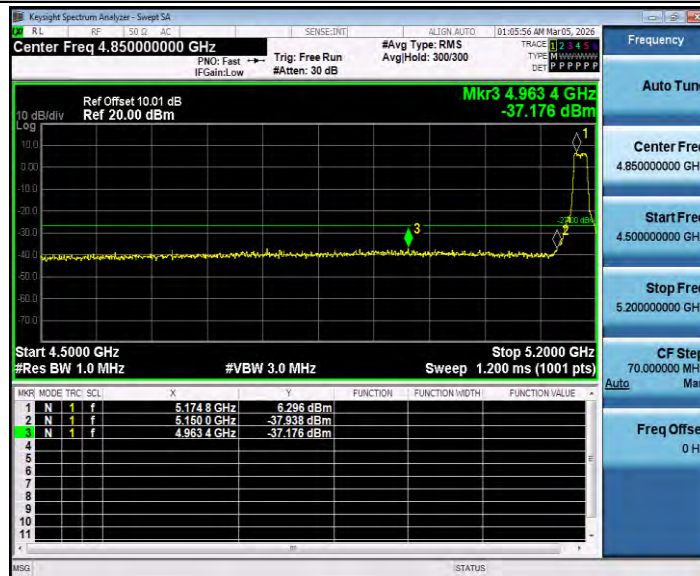
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.18	≤ -27	PASS
		High	5240	-36.77	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-34.31	≤ -27	PASS
		High	5240	-36.85	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-30.78	≤ -27	PASS
		High	5230	-37.87	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.44	≤ -27	PASS
		High	5240	-37.78	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-30.91	≤ -27	PASS
		High	5230	-37.74	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-28.89	≤ -27	PASS
		High	5210	-37.73	≤ -27	PASS

Test GraphsB1

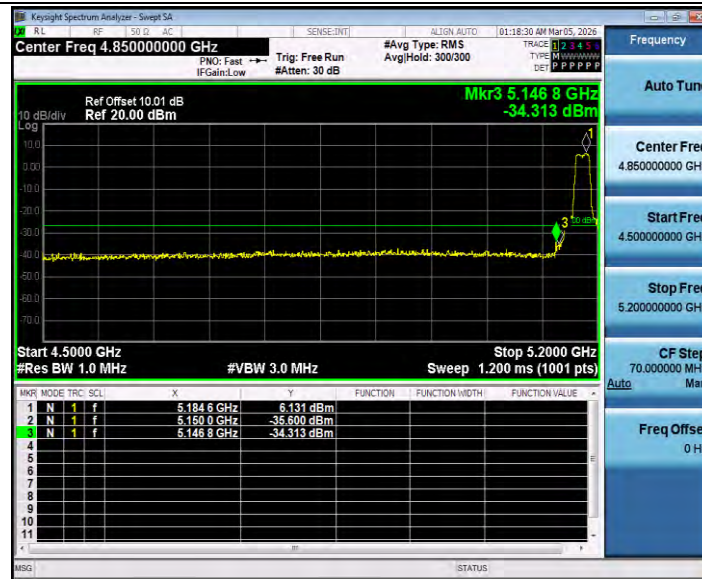
11A_Ant1_Low_5180



11A_Ant1_High_5240



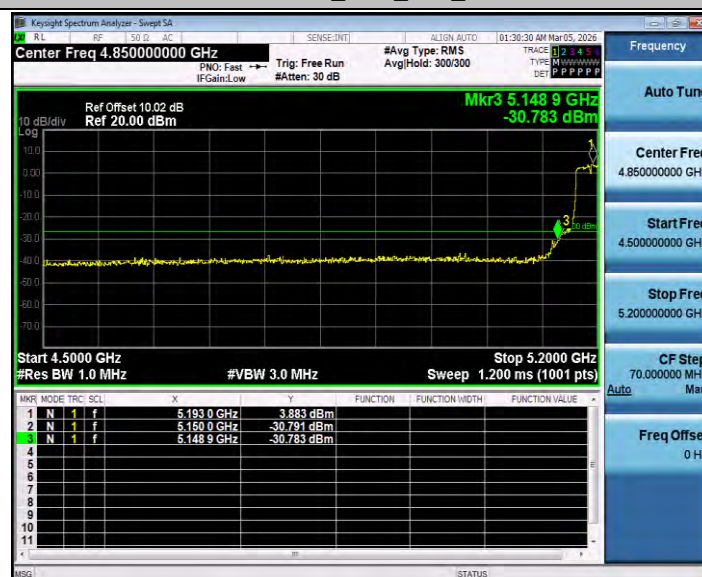
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



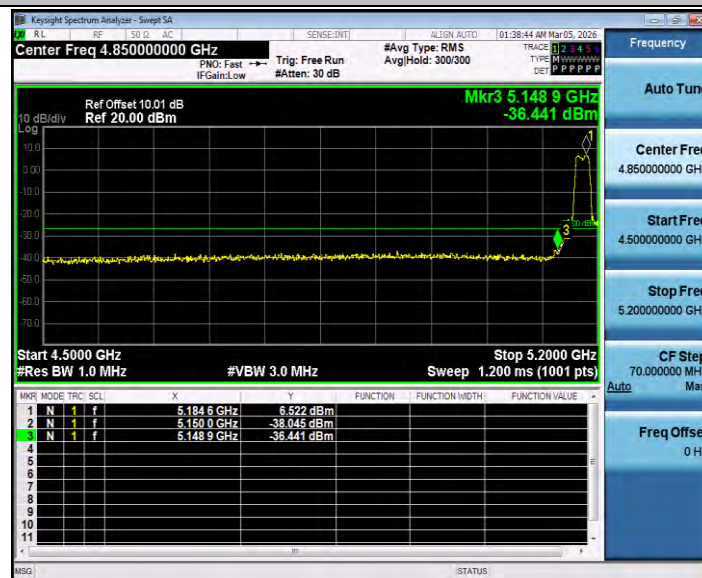
11N40SISO_Ant1_Low_5190



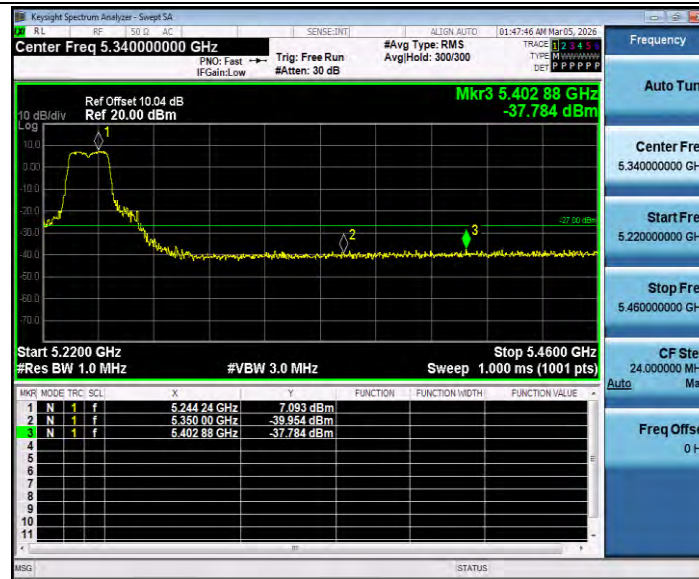
11N40SISO_Ant1_High_5230



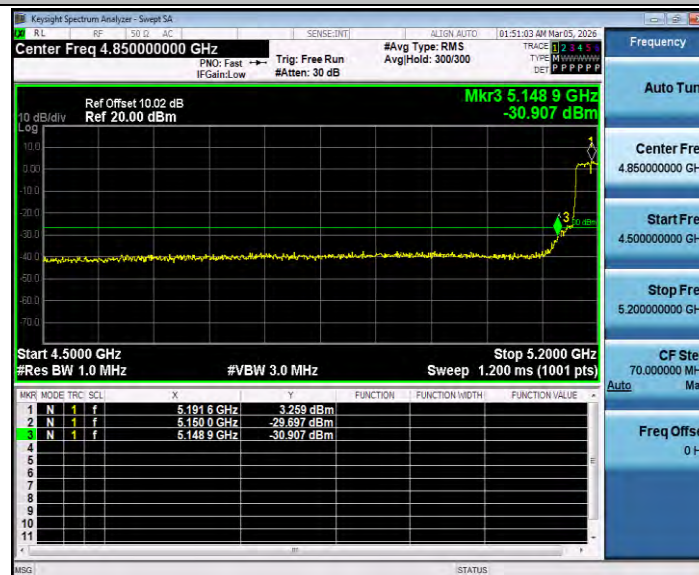
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_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	Ant1	5180	30~5140	3167.54	-46.12	≤-27	PASS
			5360~27000	26561.43	-37.41	≤-27	PASS
		5200	30~5140	4964.56	-45.21	≤-27	PASS
			5360~27000	26804.52	-36.52	≤-27	PASS
		5240	30~5140	5014.63	-46.72	≤-27	PASS
			5360~27000	23572.22	-37.39	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5136.08	-45.14	≤-27	PASS
			5360~27000	26747.53	-36.71	≤-27	PASS
		5200	30~5140	5030.31	-46.82	≤-27	PASS
			5360~27000	25619.37	-36.69	≤-27	PASS
		5240	30~5140	4954.68	-46.05	≤-27	PASS
			5360~27000	24197.62	-37.23	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5139.66	-38.35	≤-27	PASS
			5360~27000	23561.4	-36.99	≤-27	PASS
		5230	30~5140	4911.58	-45.76	≤-27	PASS
			5360~27000	25542.19	-37.21	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5132.85	-44.89	≤-27	PASS
			5360~27000	24251.72	-37.45	≤-27	PASS
		5200	30~5140	5049.89	-46.37	≤-27	PASS
			5360~27000	24377.95	-37.21	≤-27	PASS
		5240	30~5140	3277.23	-46.34	≤-27	PASS
			5360~27000	26976.92	-36.18	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5137.96	-38.59	≤-27	PASS
			5360~27000	26497.95	-36.75	≤-27	PASS
		5230	30~5140	2665.74	-46.07	≤-27	PASS
			5360~27000	26015.38	-37.3	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5136.76	-32.47	≤-27	PASS
			5360~27000	25194.5	-36.94	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



11N20SISO_Ant1_5180_30~5140



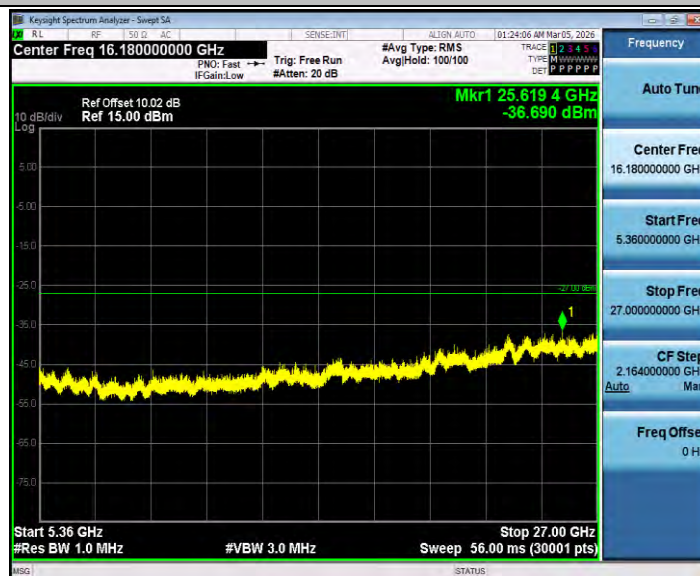
11N20SISO_Ant1_5180_5360~27000



11N20SISO_Ant1_5200_30~5140



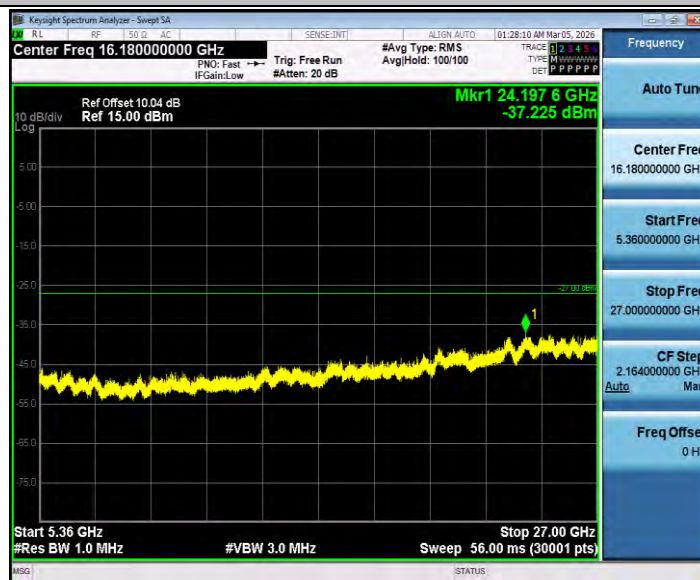
11N20SISO_Ant1_5200_5360~27000



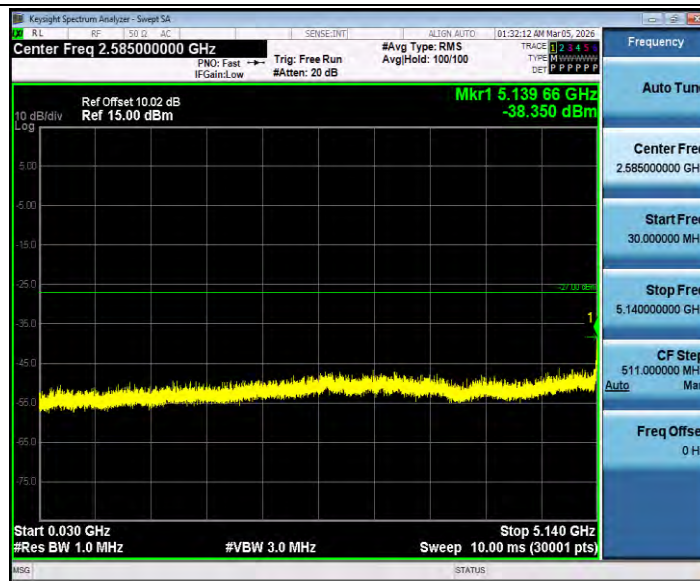
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



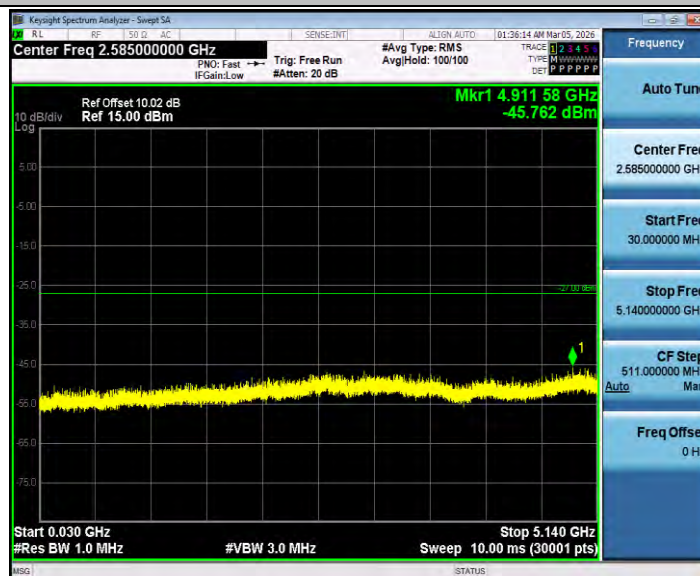
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



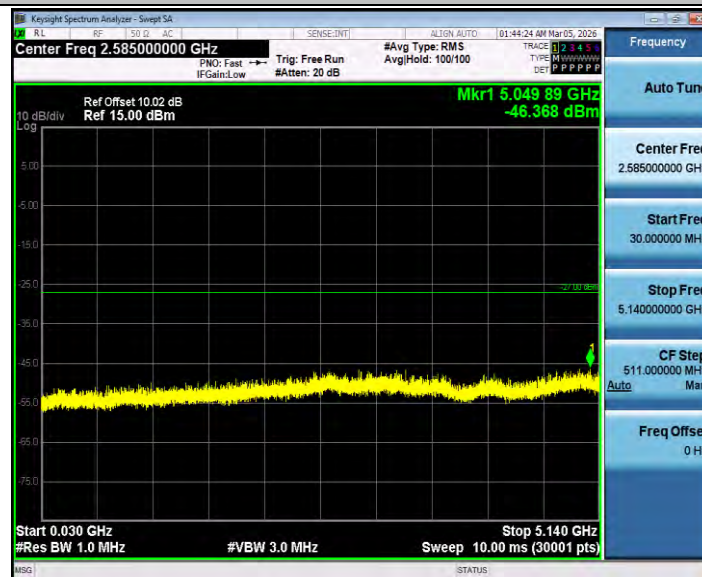
11AC20SISO_Ant1_5180_30~5140



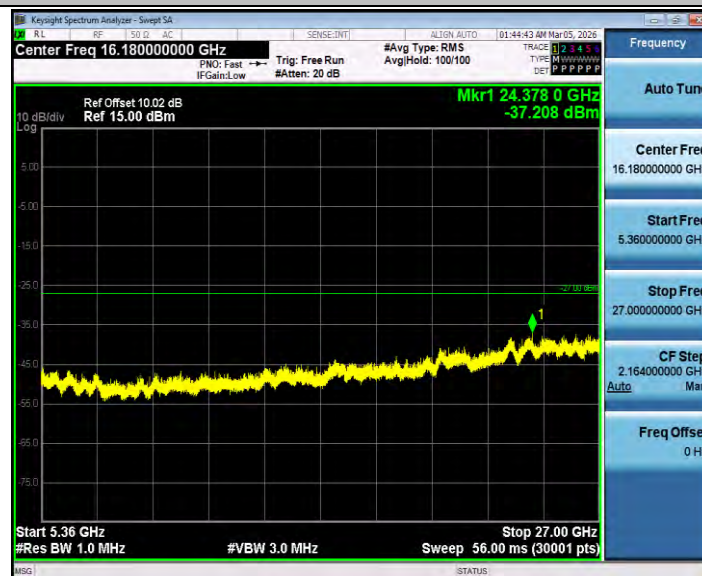
11AC20SISO_Ant1_5180_5360~27000



11AC20SISO_Ant1_5200_30~5140



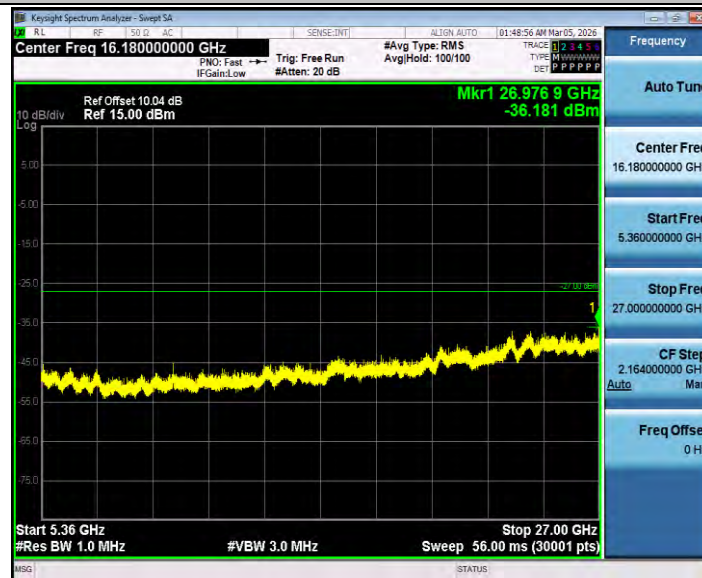
11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~27000



11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000

