

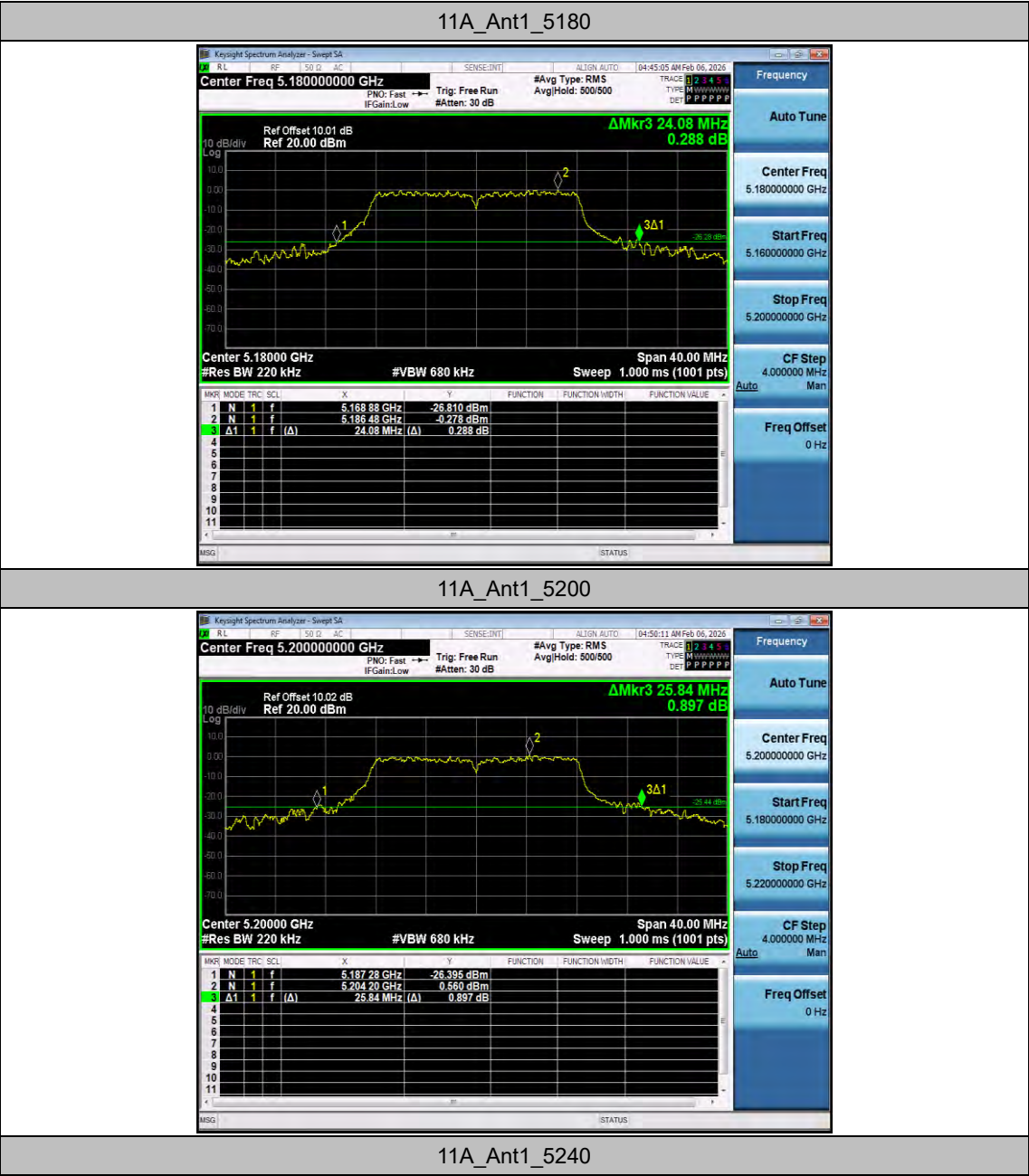
Case No. : <u>GTS20251225009-2-12</u>
Ambient Condition: <u>23</u> °C, <u>52</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.1.19-2026.3.10</u> Test Engineer: <u>Evan ouyang</u>

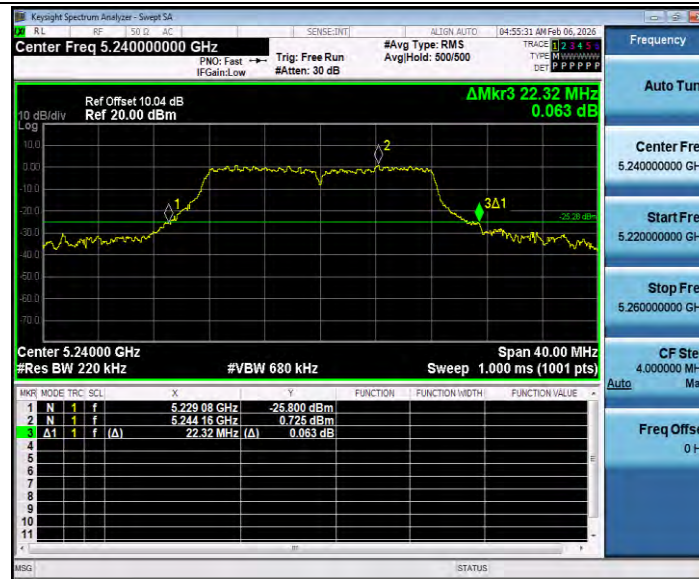
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.080	5168.880	5192.960	---	---
		5200	25.840	5187.280	5213.120	---	---
		5240	22.320	5229.080	5251.400	---	---
11N20SISO	Ant1	5180	27.560	5168.440	5196.000	---	---
		5200	27.400	5188.480	5215.880	---	---
		5240	23.120	5228.480	5251.600	---	---
11N40SISO	Ant1	5190	58.240	5167.920	5226.160	---	---
		5230	45.040	5207.840	5252.880	---	---
11AC20SISO	Ant1	5180	22.760	5168.400	5191.160	---	---
		5200	22.760	5188.440	5211.200	---	---
		5240	22.520	5228.560	5251.080	---	---
11AC40SISO	Ant1	5190	43.600	5168.080	5211.680	---	---
		5230	44.800	5207.840	5252.640	---	---
11AC80SISO	Ant1	5210	106.720	5168.560	5275.280	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



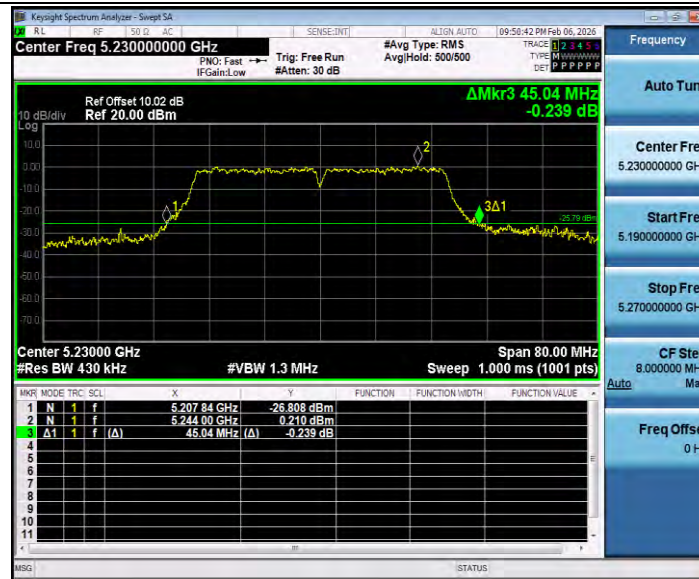
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



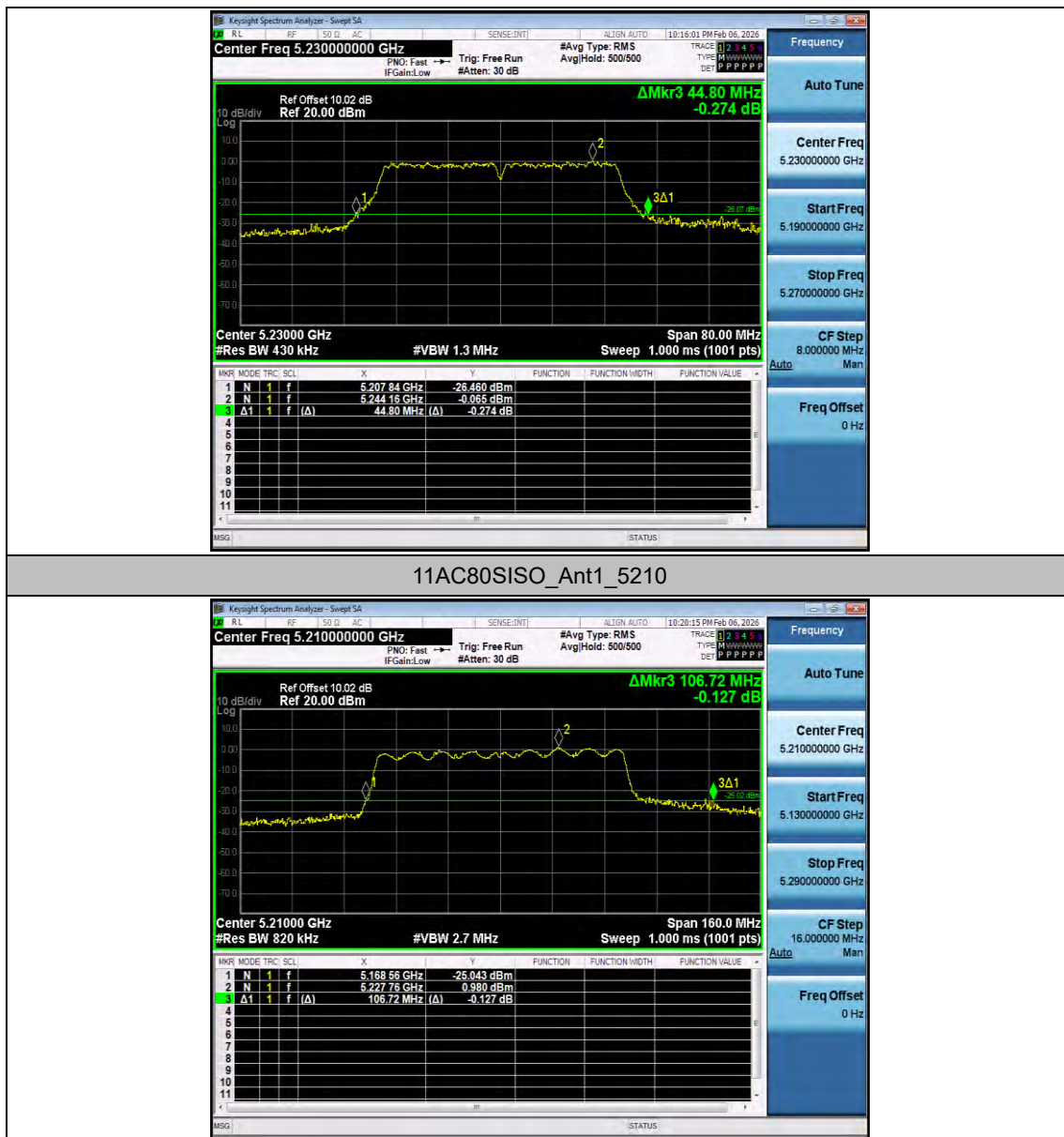
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



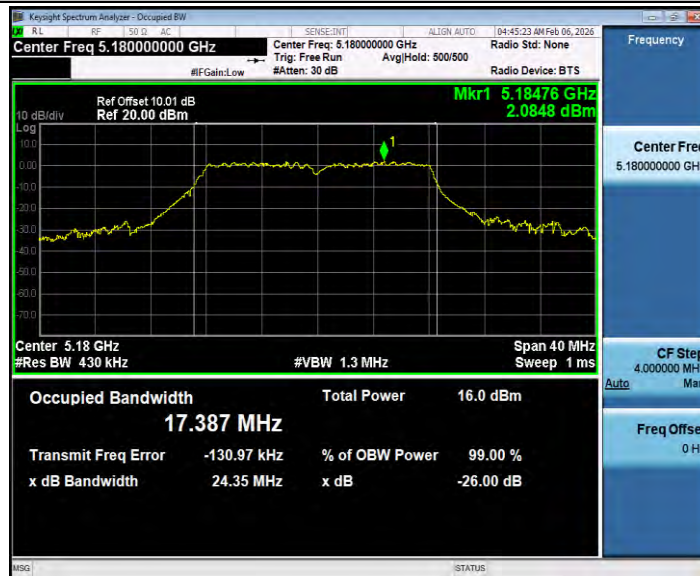
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.387	5171.1755	5188.5625	---	---
		5200	17.589	5191.1169	5208.7059	---	---
		5240	17.321	5231.1785	5248.4995	---	---
11N20SISO	Ant1	5180	18.409	5170.7660	5189.1750	---	---
		5200	18.440	5190.7669	5209.2069	---	---
		5240	18.401	5230.7221	5249.1231	---	---
11N40SISO	Ant1	5190	37.457	5171.4432	5208.9002	---	---
		5230	37.301	5211.4015	5248.7025	---	---
11AC20SISO	Ant1	5180	18.326	5170.7875	5189.1135	---	---
		5200	18.313	5190.8208	5209.1338	---	---
		5240	18.337	5230.7631	5249.1001	---	---
11AC40SISO	Ant1	5190	37.203	5171.4305	5208.6335	---	---
		5230	37.334	5211.4024	5248.7364	---	---
11AC80SISO	Ant1	5210	76.211	5172.2596	5248.4706	---	---

Test Graphs

11A_Ant1_5180



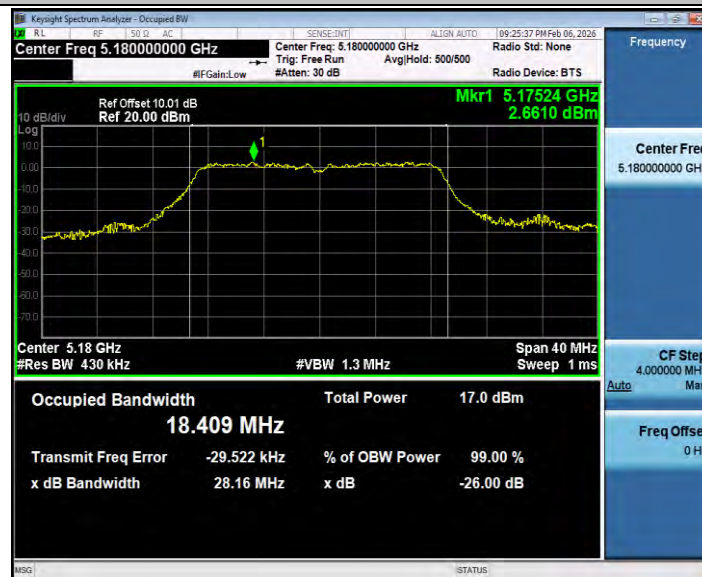
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



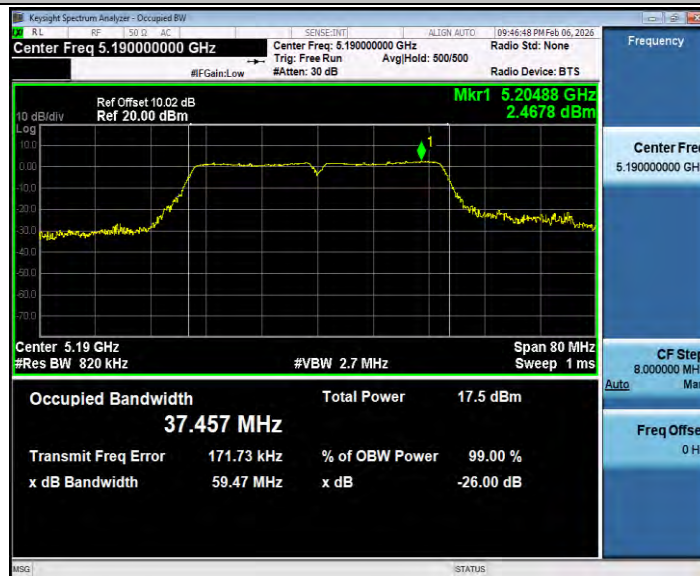
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



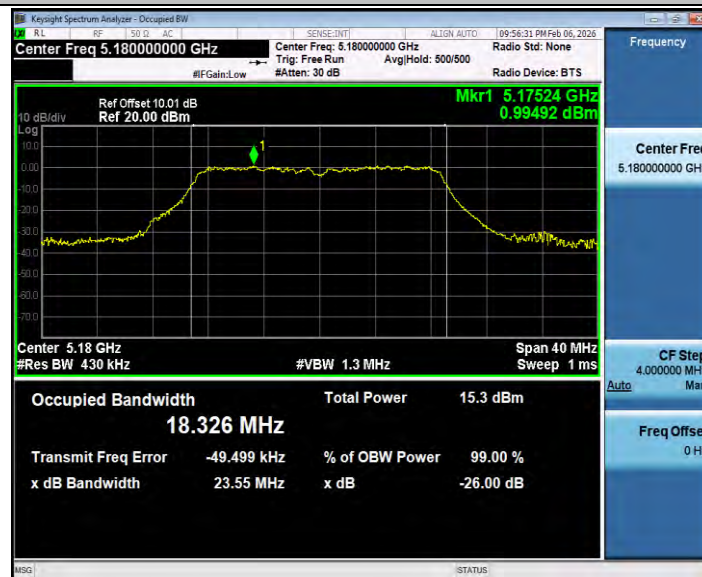
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



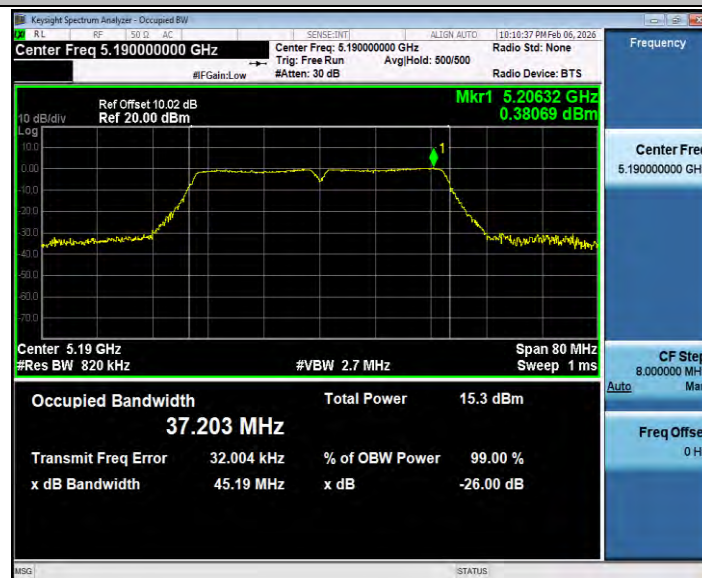
11AC20SISO_Ant1_5200



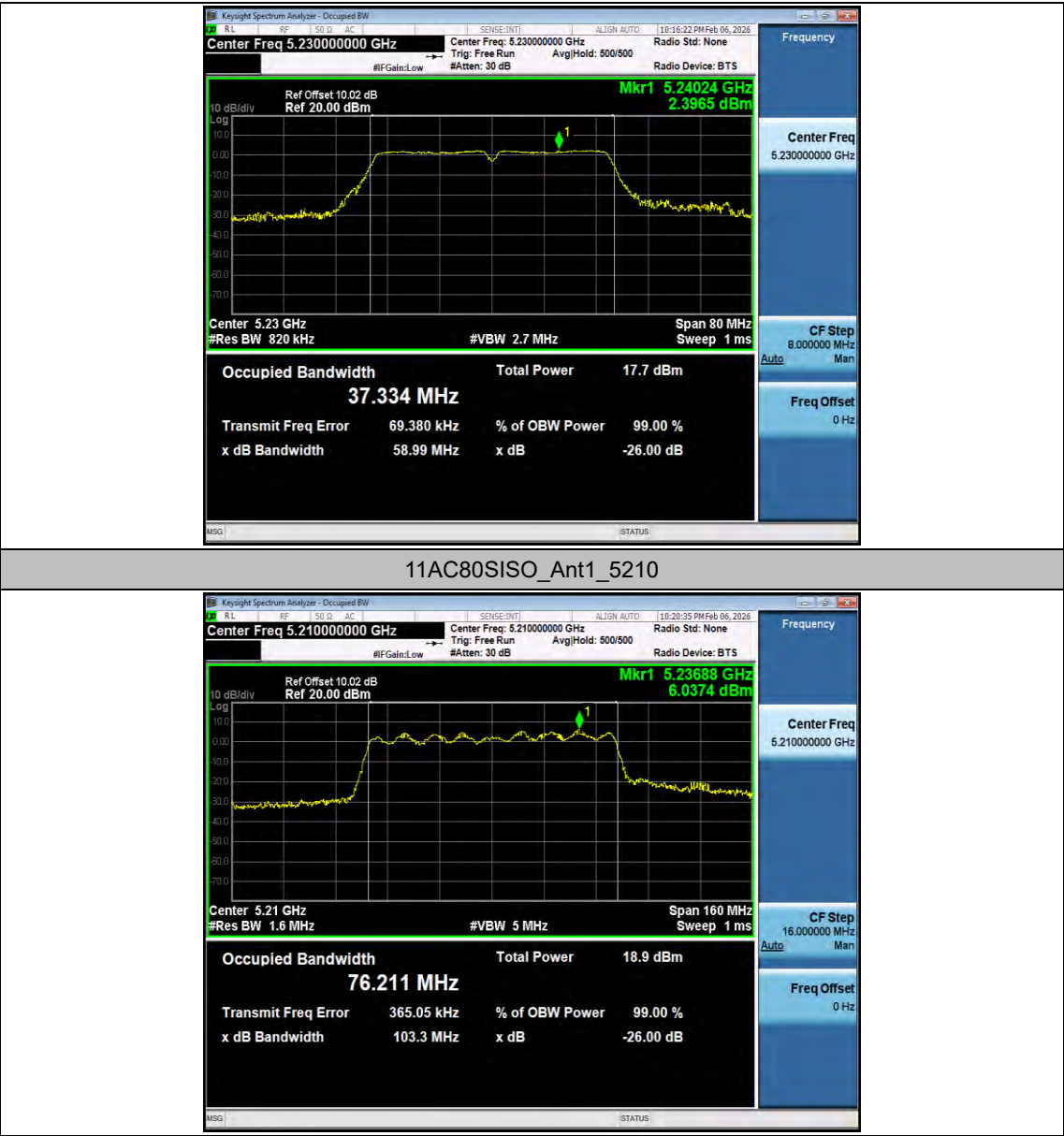
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

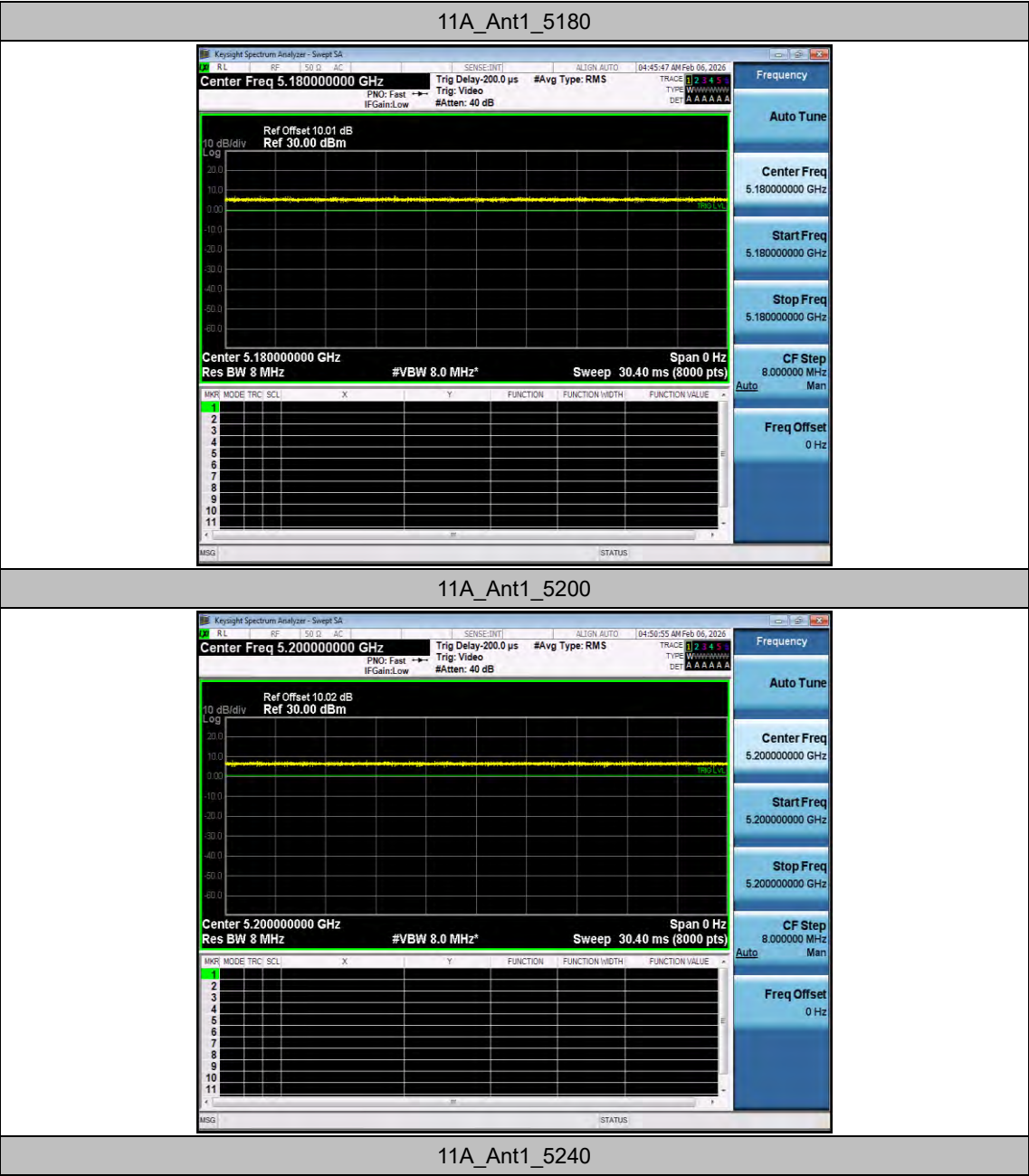


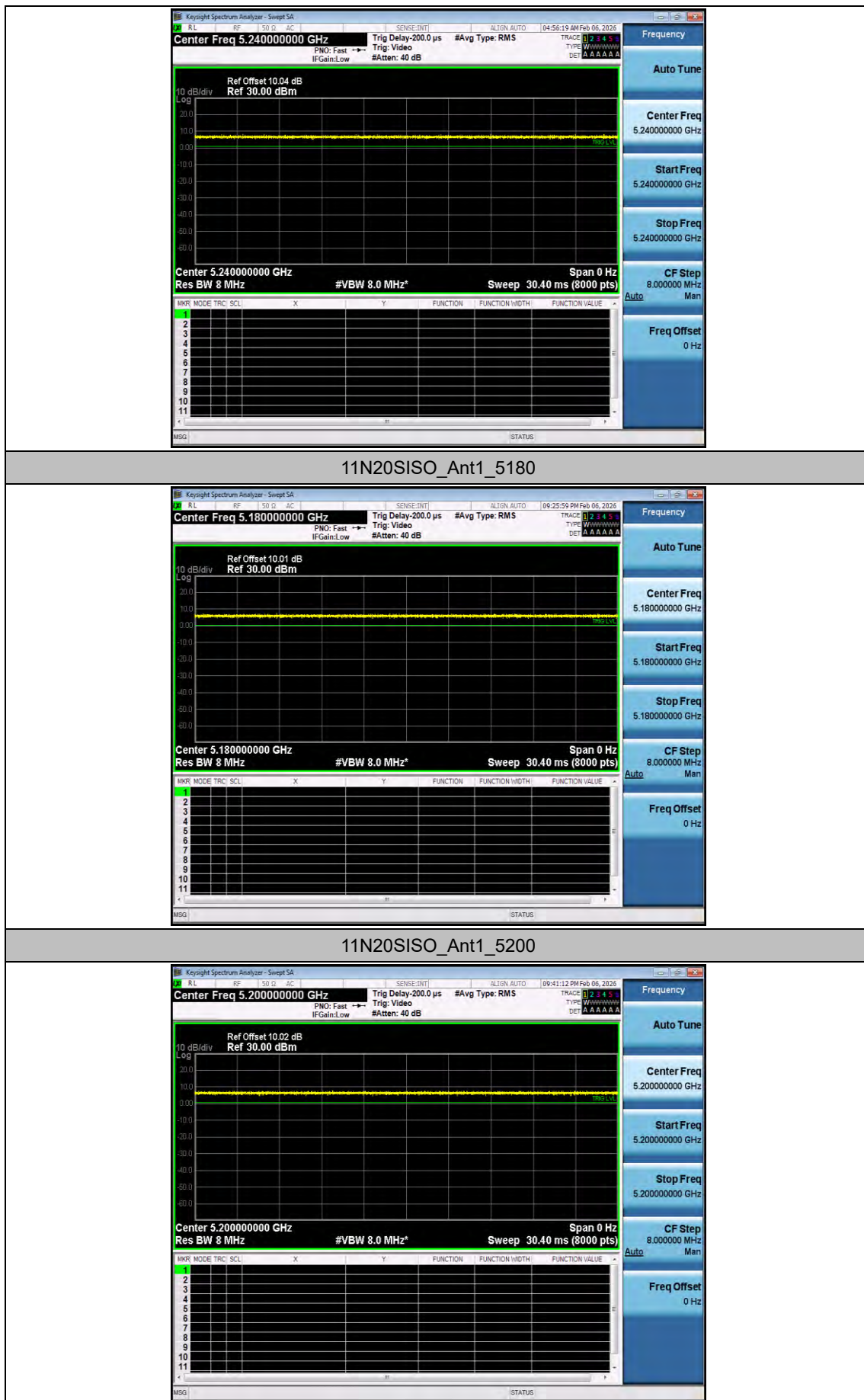
AppendixD.3: Duty Cycle

Test Result

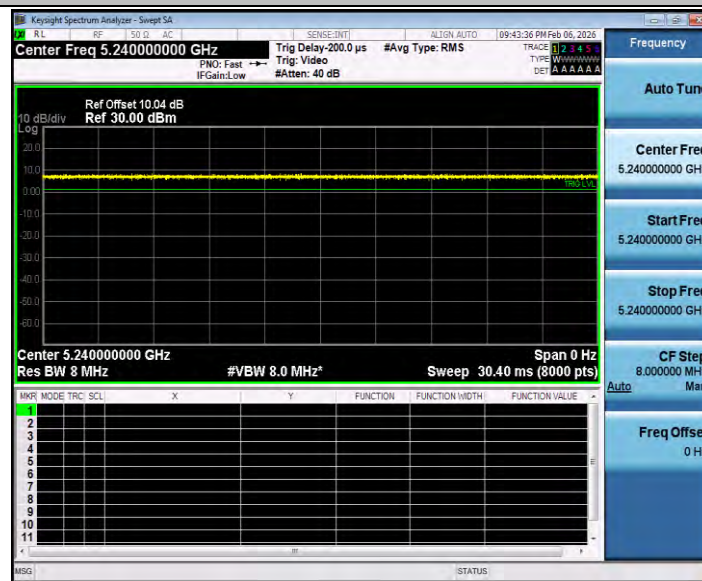
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200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

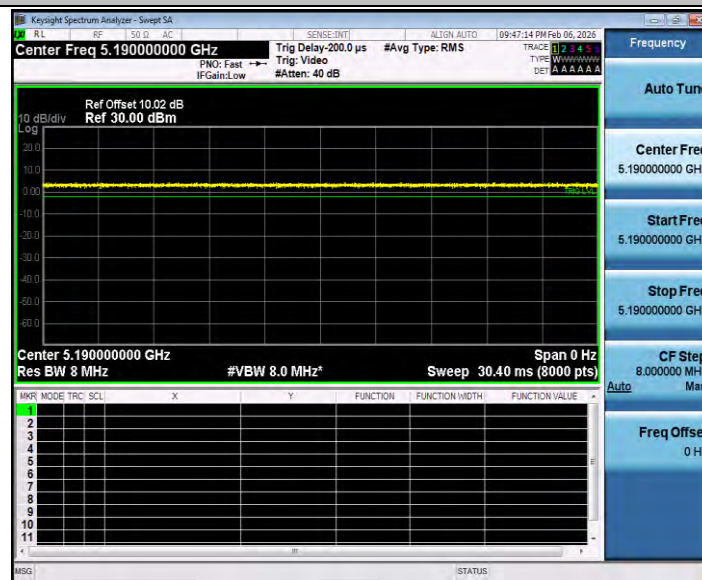




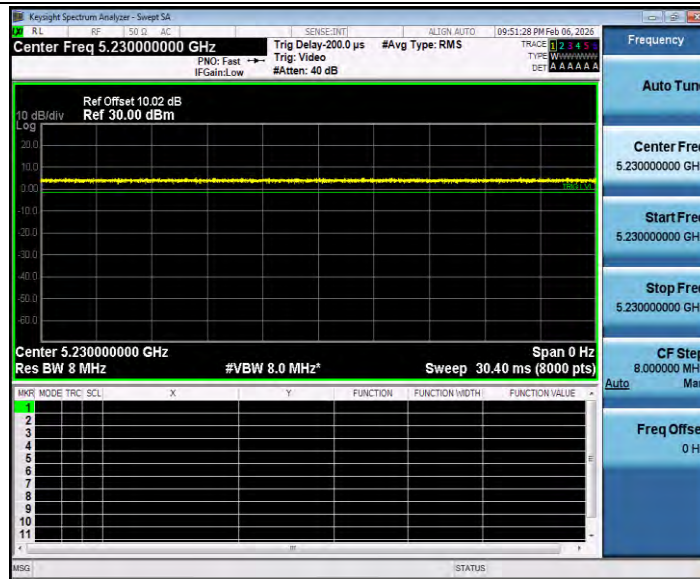
11N20SISO_Ant1_5240



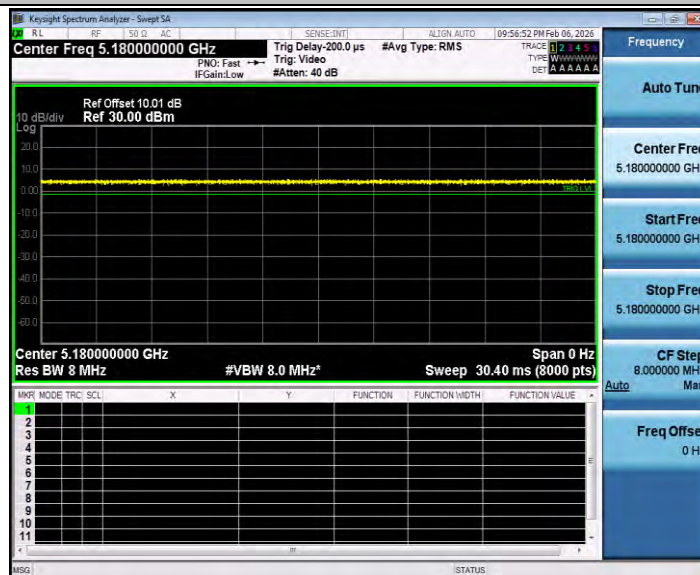
11N40SISO_Ant1_5190



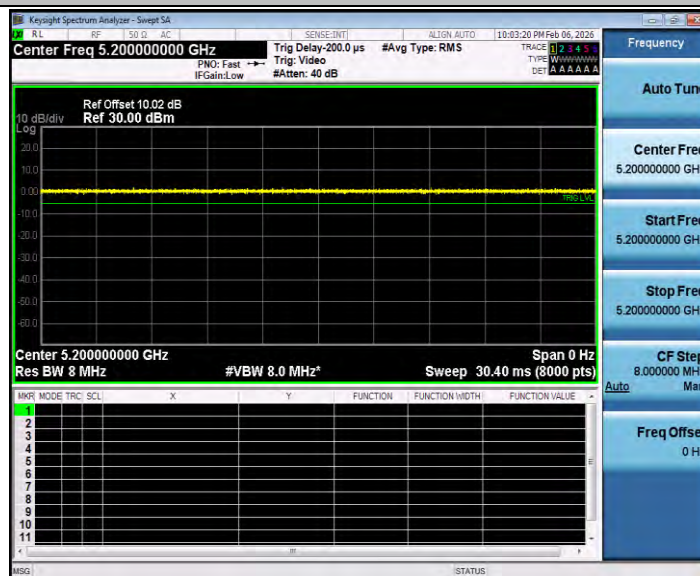
11N40SISO_Ant1_5230

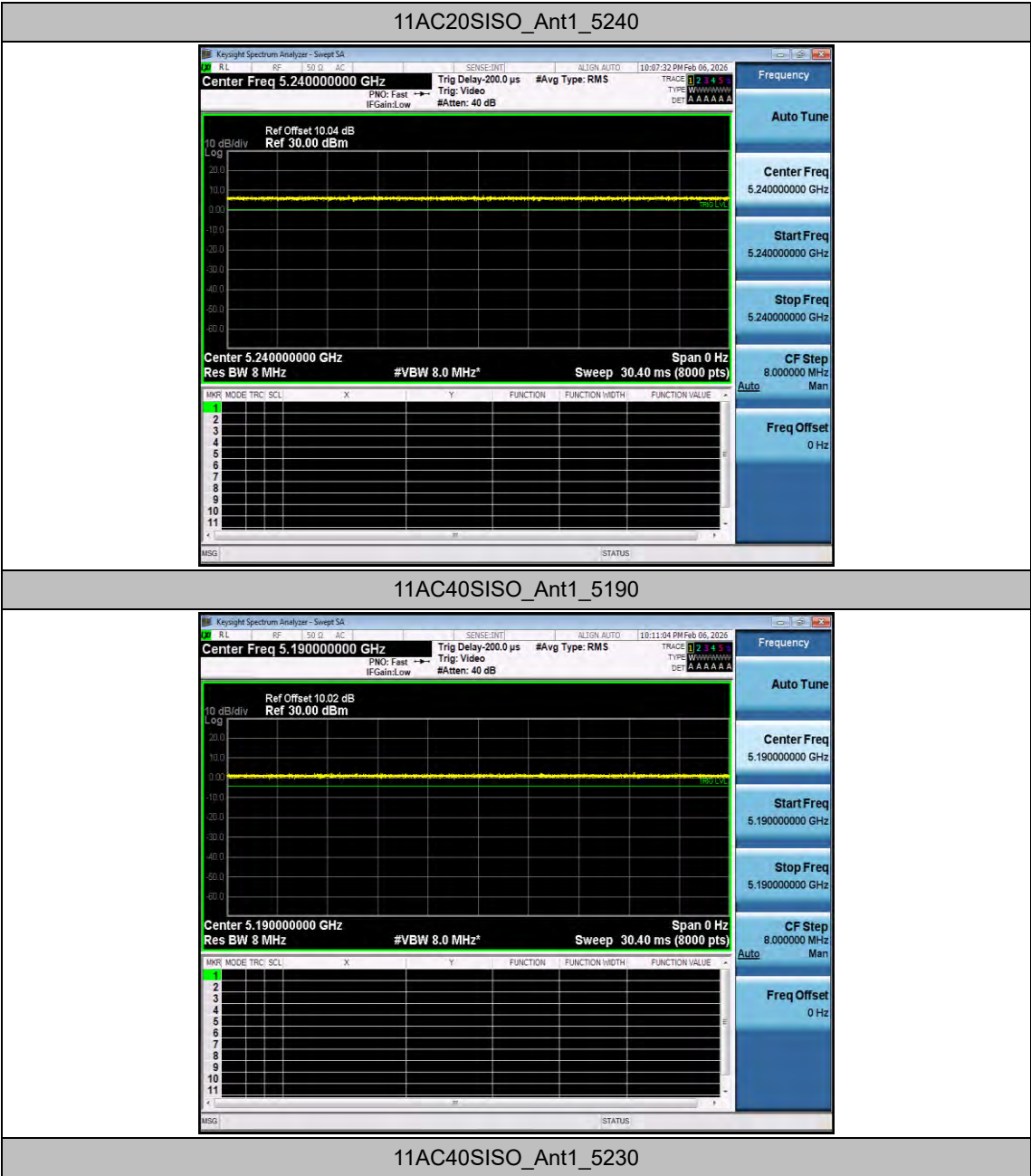


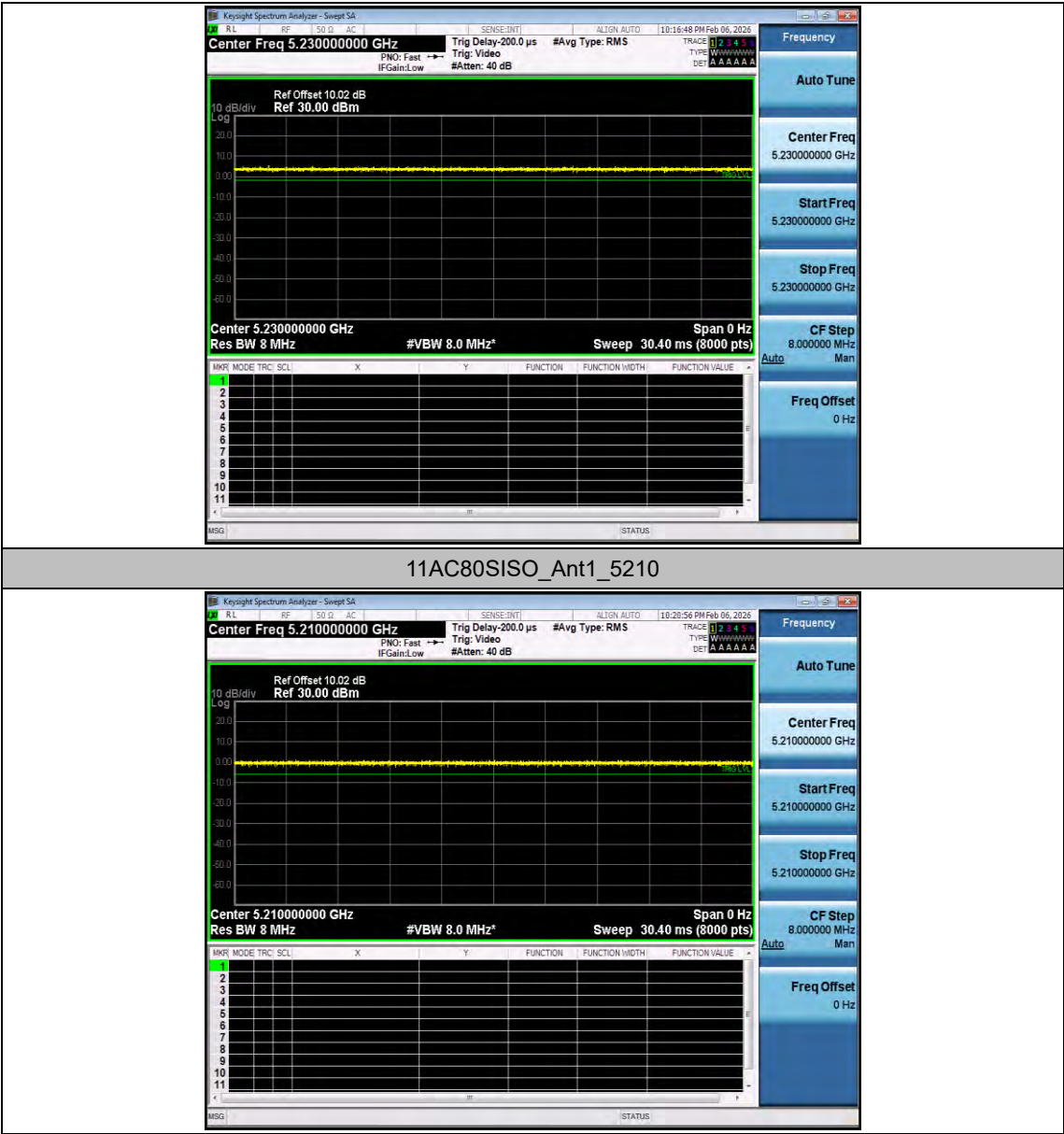
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200







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	9.11	100.00	0.00	9.11	≤23.98	PASS
		5200	10.31	100.00	0.00	10.31	≤23.98	PASS
		5240	10.51	100.00	0.00	10.51	≤23.98	PASS
11N20SISO	Ant1	5180	10.08	100.00	0.00	10.08	≤23.98	PASS
		5200	10.65	100.00	0.00	10.65	≤23.98	PASS
		5240	11.20	100.00	0.00	11.20	≤23.98	PASS
11N40SISO	Ant1	5190	10.25	100.00	0.00	10.25	≤23.98	PASS
		5230	10.82	100.00	0.00	10.82	≤23.98	PASS
11AC20SISO	Ant1	5180	8.52	100.00	0.00	8.52	≤23.98	PASS
		5200	4.82	100.00	0.00	4.82	≤23.98	PASS
		5240	10.09	100.00	0.00	10.09	≤23.98	PASS
11AC40SISO	Ant1	5190	7.97	100.00	0.00	7.97	≤23.98	PASS
		5230	10.47	100.00	0.00	10.47	≤23.98	PASS
11AC80SISO	Ant1	5210	10.08	100.00	0.00	10.08	≤23.98	PASS

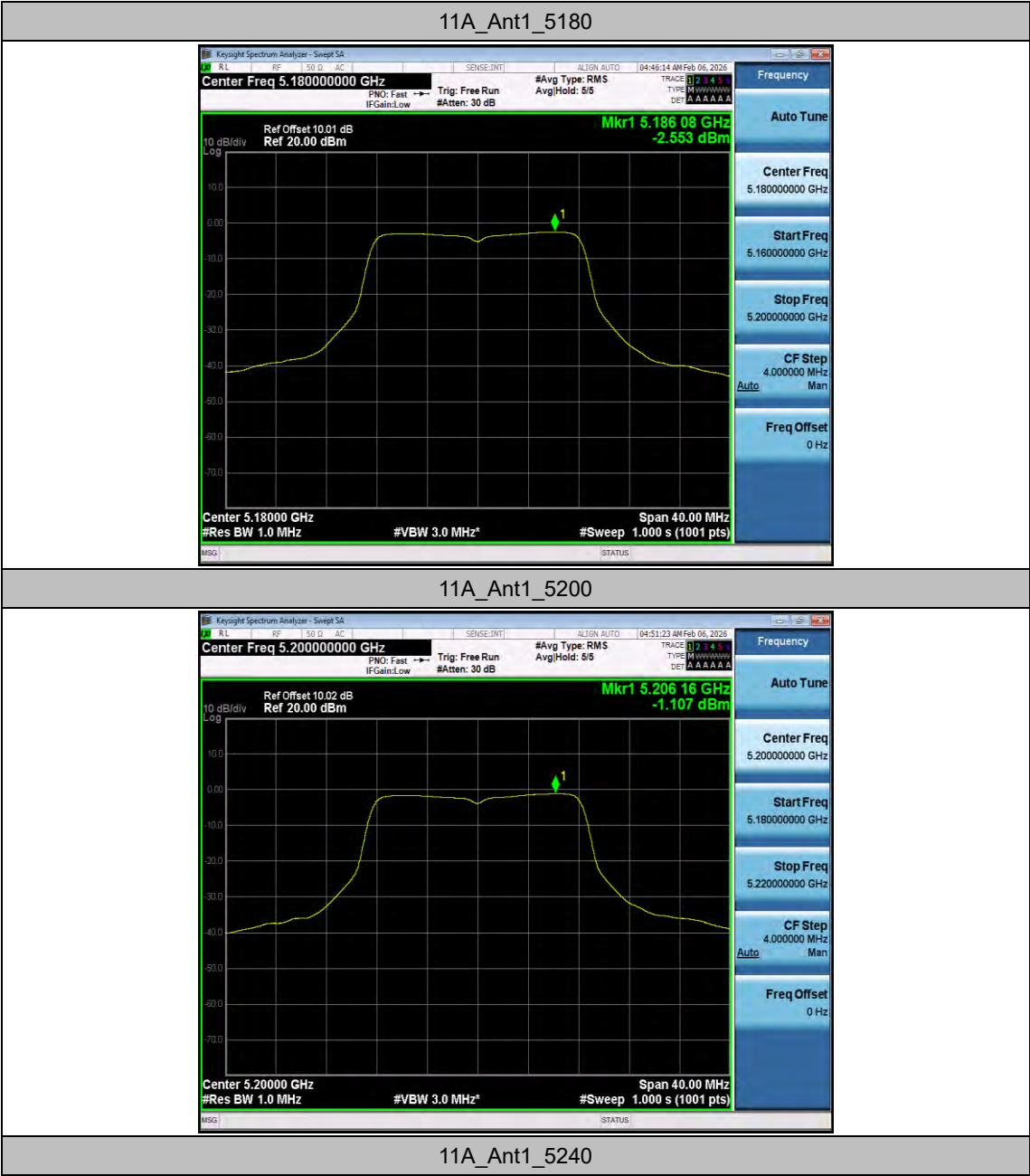
Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.55	≤11.00	PASS
		5200	-1.11	≤11.00	PASS
		5240	-1.18	≤11.00	PASS
11N20SISO	Ant1	5180	-1.82	≤11.00	PASS
		5200	-1.20	≤11.00	PASS
		5240	-0.81	≤11.00	PASS
11N40SISO	Ant1	5190	-4.13	≤11.00	PASS
		5230	-3.91	≤11.00	PASS
11AC20SISO	Ant1	5180	-3.40	≤11.00	PASS
		5200	-7.06	≤11.00	PASS
		5240	-1.84	≤11.00	PASS
11AC40SISO	Ant1	5190	-6.47	≤11.00	PASS
		5230	-4.26	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.95	≤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



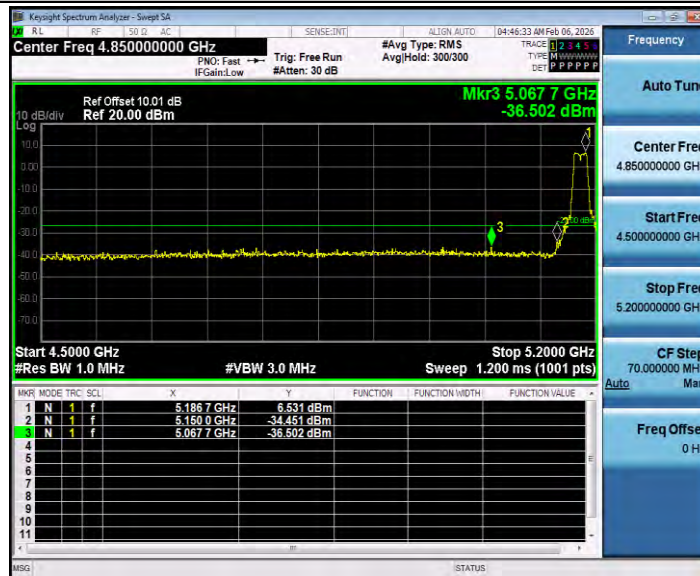
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.5	≤ -27	PASS
		High	5240	-36.46	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-34.55	≤ -27	PASS
		High	5240	-37.17	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-30.52	≤ -27	PASS
		High	5230	-37.4	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-35.94	≤ -27	PASS
		High	5240	-37.18	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-34.67	≤ -27	PASS
		High	5230	-37.73	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-31.2	≤ -27	PASS
		High	5210	-37.58	≤ -27	PASS

Test GraphsB1

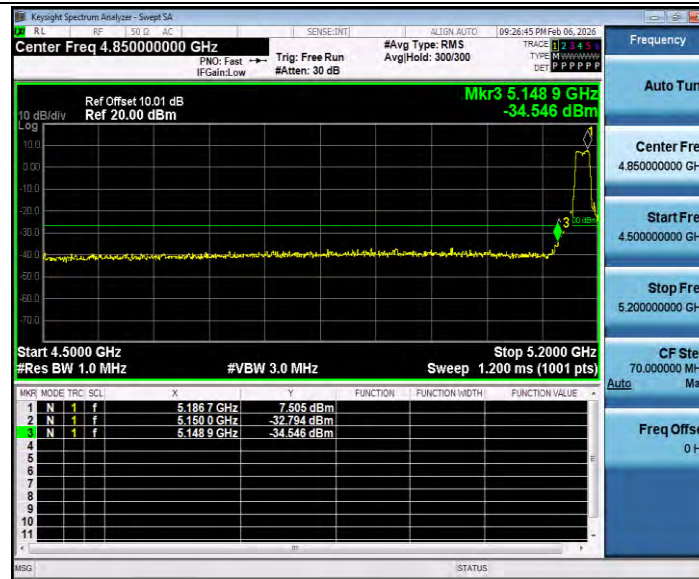
11A_Ant1_Low_5180



11A_Ant1_High_5240



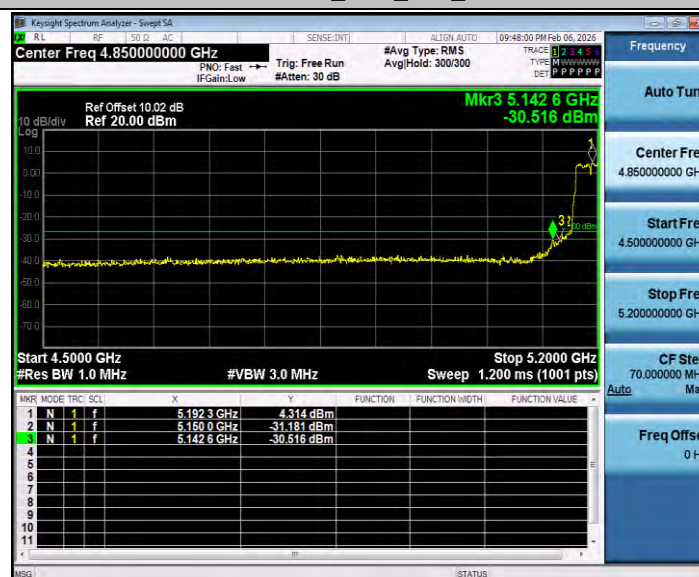
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



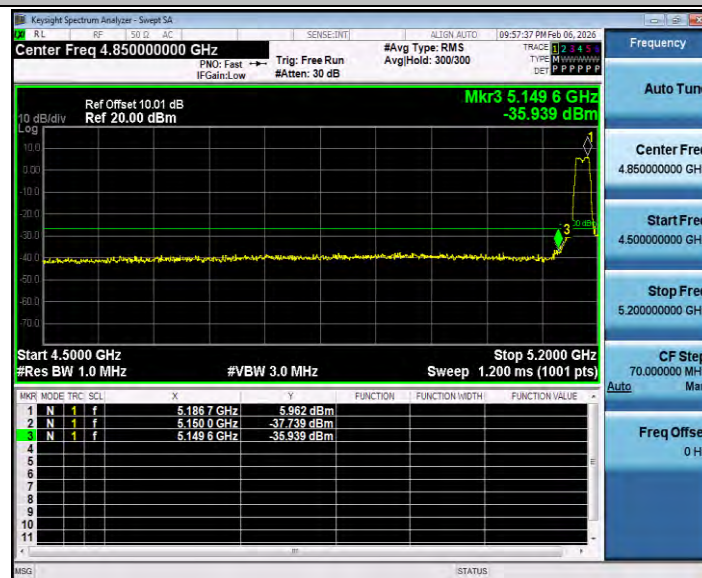
11N40SISO_Ant1_Low_5190



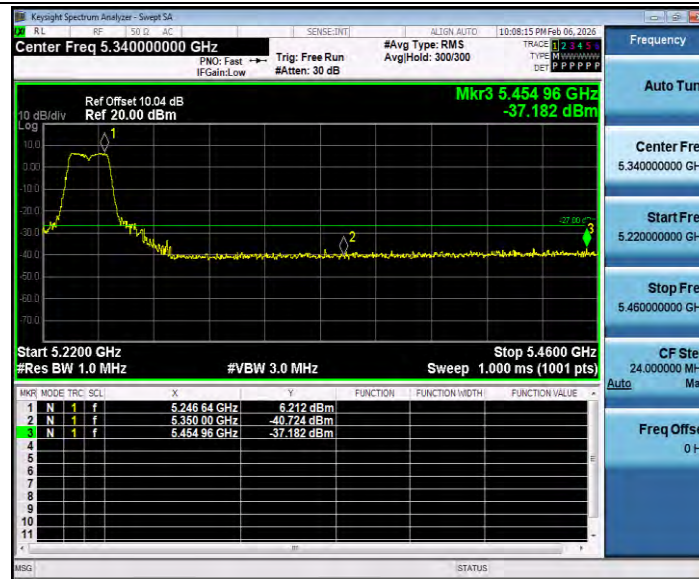
11N40SISO_Ant1_High_5230



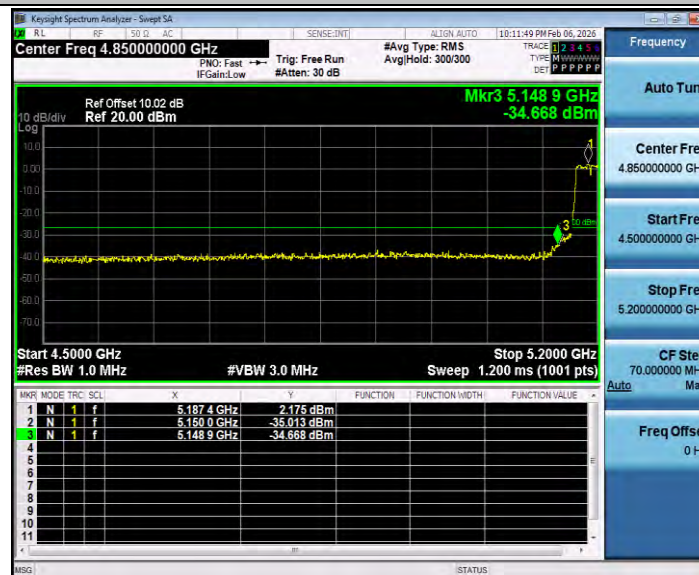
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230





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	866.68	-44.34	≤-27	PASS
			5360~27000	24261.1	-36.52	≤-27	PASS
		5200	30~5140	2650.58	-44.73	≤-27	PASS
			5360~27000	24190.41	-37.48	≤-27	PASS
		5240	30~5140	2670	-46.18	≤-27	PASS
			5360~27000	24195.46	-36.9	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5135.06	-44.54	≤-27	PASS
			5360~27000	24289.95	-37.22	≤-27	PASS
		5200	30~5140	4815.17	-45.69	≤-27	PASS
			5360~27000	24846.82	-36.67	≤-27	PASS
		5240	30~5140	3318.29	-46.55	≤-27	PASS
			5360~27000	24247.39	-35.93	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5139.15	-37.34	≤-27	PASS
			5360~27000	24857.64	-36.93	≤-27	PASS
		5230	30~5140	4970.18	-45.79	≤-27	PASS
			5360~27000	24226.47	-36.42	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	2681.41	-46.07	≤-27	PASS
			5360~27000	23516.68	-36.73	≤-27	PASS
		5200	30~5140	3032.47	-46.05	≤-27	PASS
			5360~27000	24255.33	-36.39	≤-27	PASS
		5240	30~5140	4881.09	-46.25	≤-27	PASS
			5360~27000	26798.03	-37.09	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5136.25	-41.83	≤-27	PASS
			5360~27000	24235.13	-37.39	≤-27	PASS
		5230	30~5140	4937.81	-45.79	≤-27	PASS
			5360~27000	24220.7	-36.5	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5137.96	-34.23	≤-27	PASS
			5360~27000	24182.47	-37.39	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



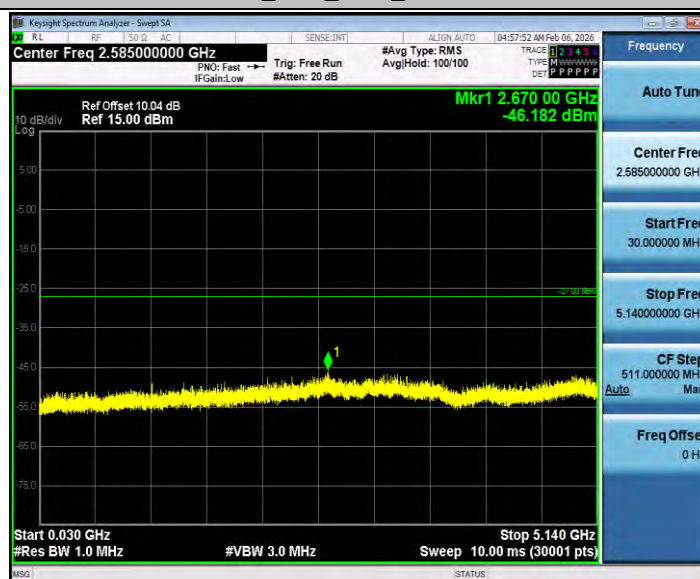
11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140

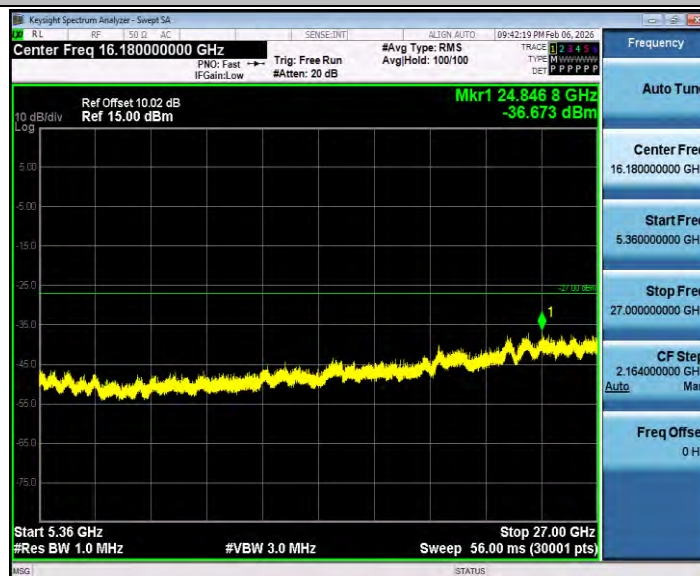




11N20SISO_Ant1_5200_30~5140



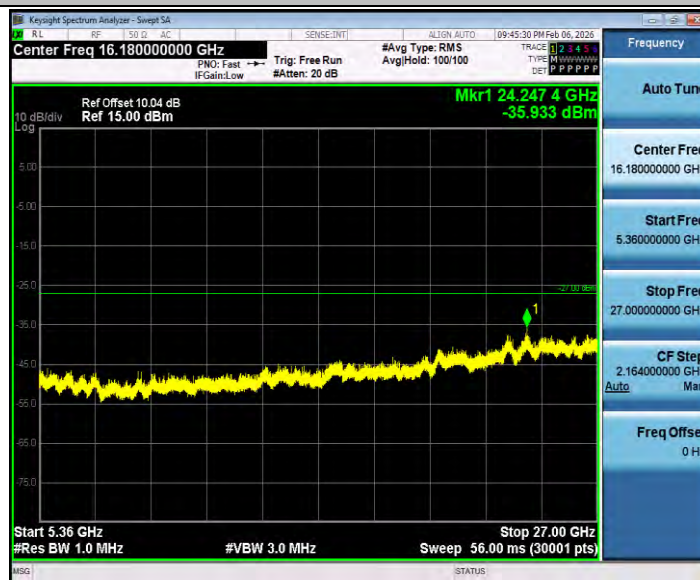
11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



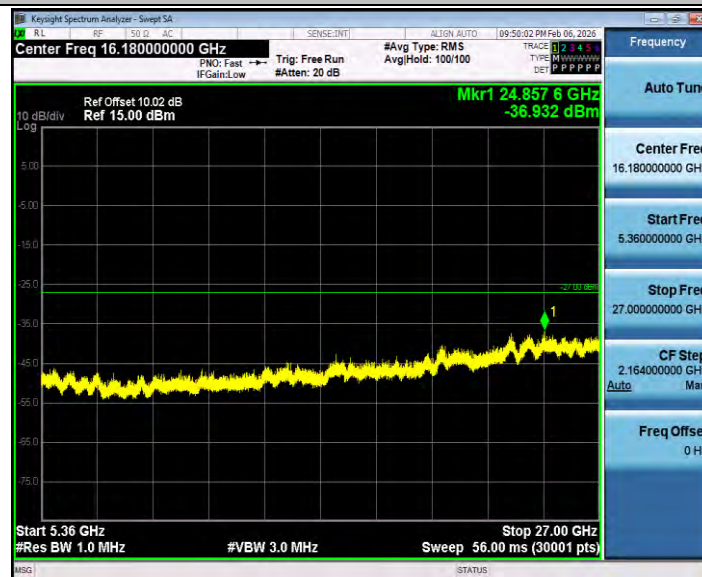
11N20SISO_Ant1_5240_5360~27000



11N40SISO_Ant1_5190_30~5140



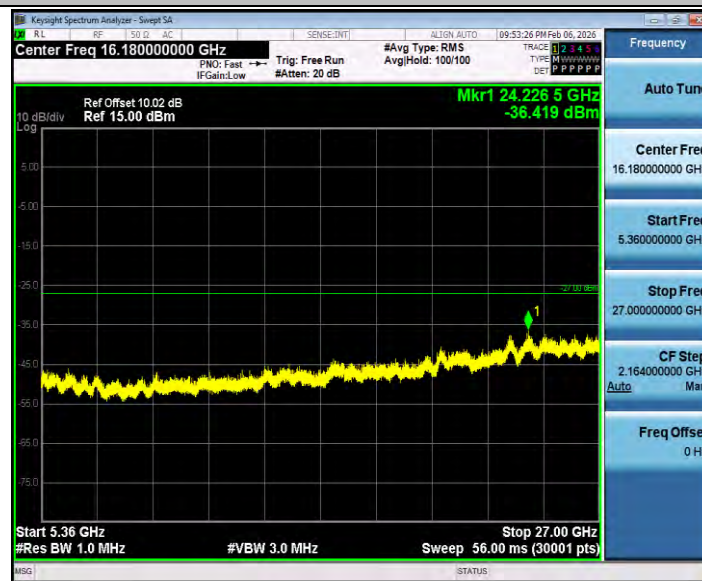
11N40SISO_Ant1_5190_5360~27000



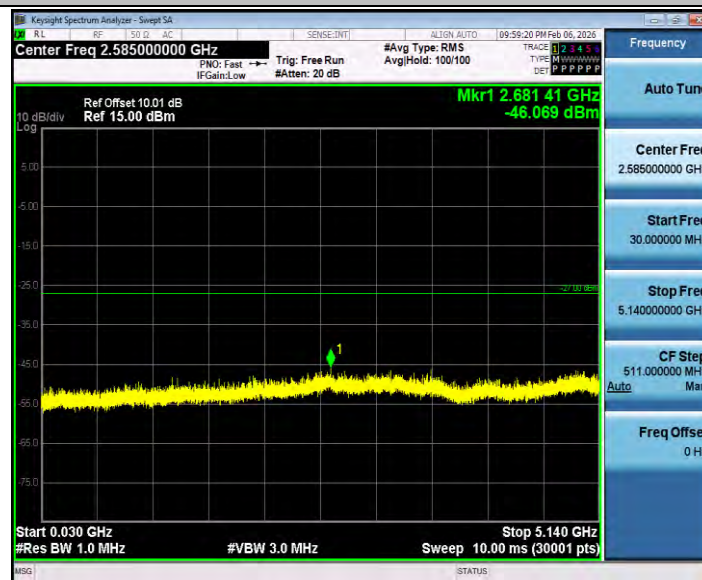
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



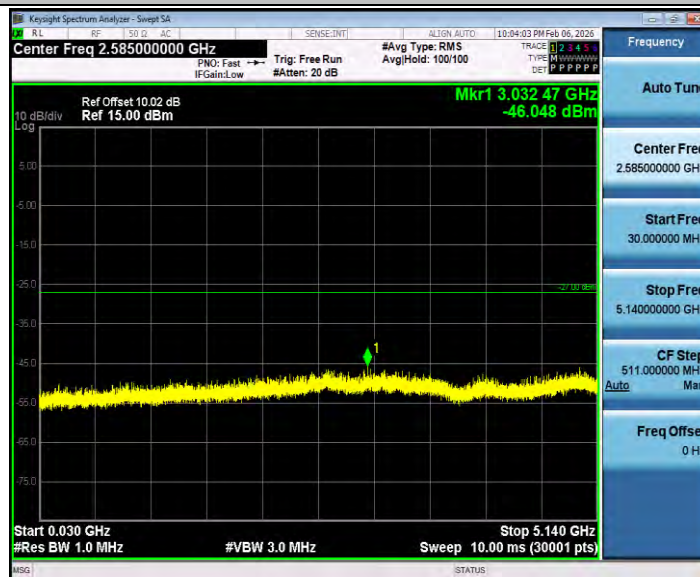
11AC20SISO_Ant1_5180_30~5140



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



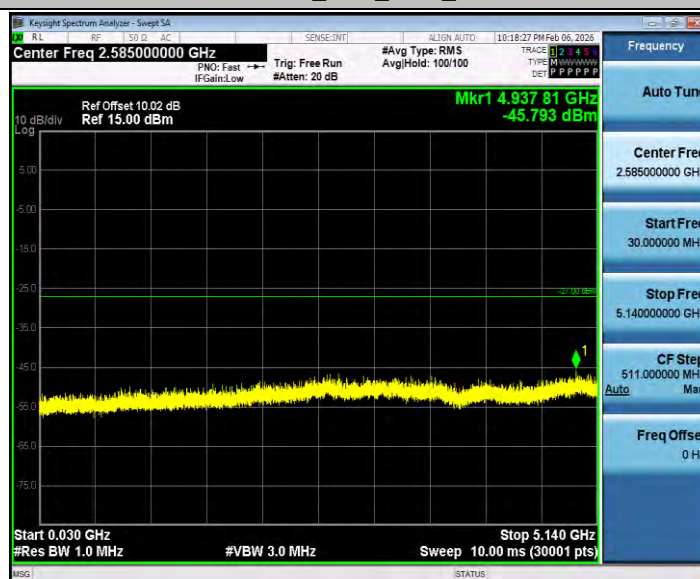
11AC40SISO_Ant1_5190_30~5140



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

