



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5220



11AC20SISO_Ant2_5240



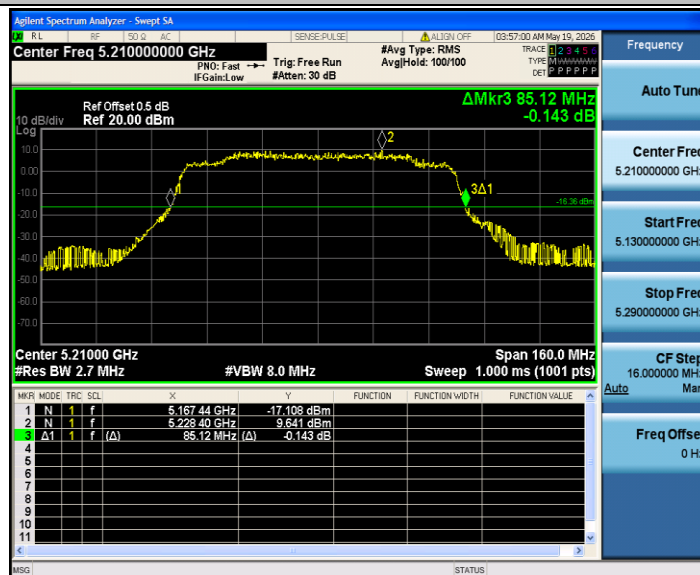
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80ISO_Ant2_5210

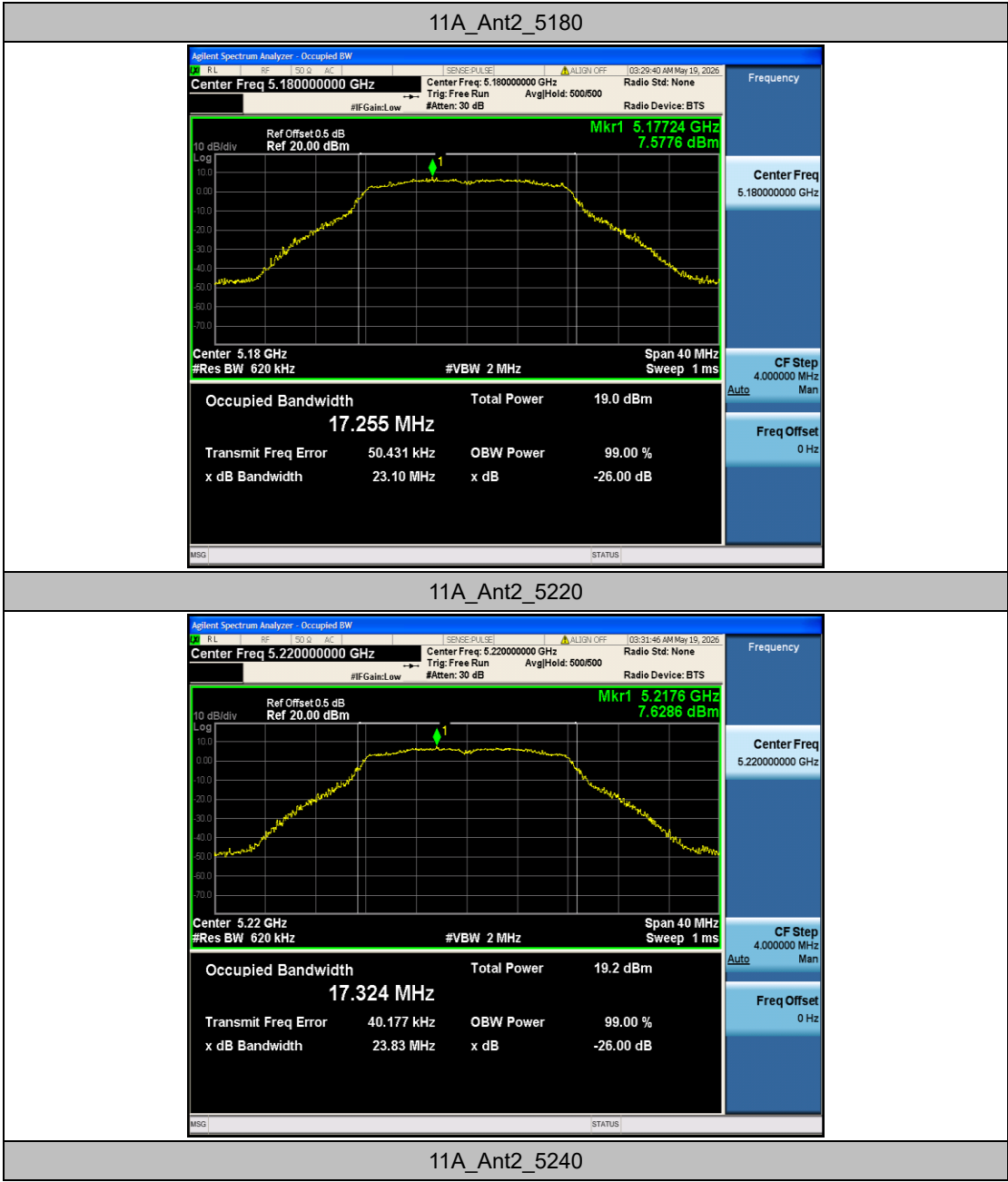


Appendix A2: Occupied channel bandwidth

Test Result

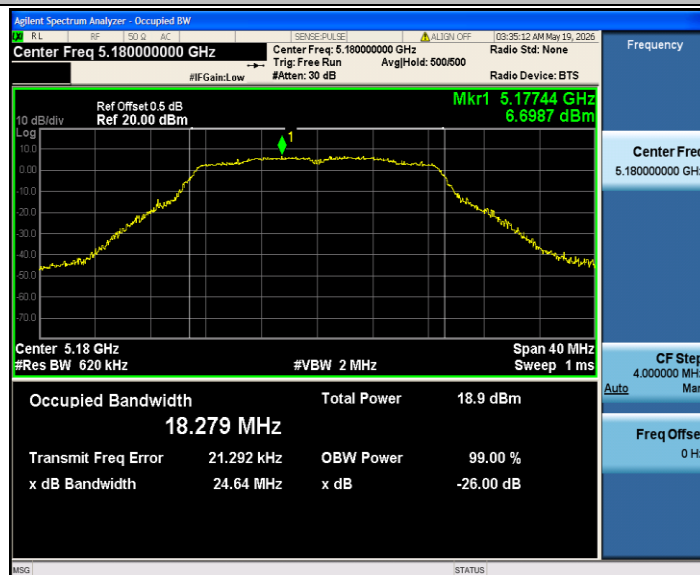
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	17.255	5171.4229	5188.6779	---	---
		5220	17.324	5211.3782	5228.7022	---	---
		5240	17.286	5231.4048	5248.6908	---	---
11N20SISO	Ant2	5180	18.279	5170.8818	5189.1608	---	---
		5220	18.320	5210.8495	5229.1695	---	---
		5240	18.258	5230.8871	5249.1451	---	---
11N40SISO	Ant2	5190	36.281	5171.8997	5208.1807	---	---
		5230	36.308	5211.9303	5248.2383	---	---
11AC20SISO	Ant2	5180	19.132	5170.4459	5189.5779	---	---
		5220	19.152	5210.4632	5229.6152	---	---
		5240	19.100	5230.5022	5249.6022	---	---
11AC40SISO	Ant2	5190	37.819	5171.1468	5208.9658	---	---
		5230	37.772	5211.1676	5248.9396	---	---
11AC80SISO	Ant2	5210	77.158	5171.6439	5248.8019	---	---

Test Graphs

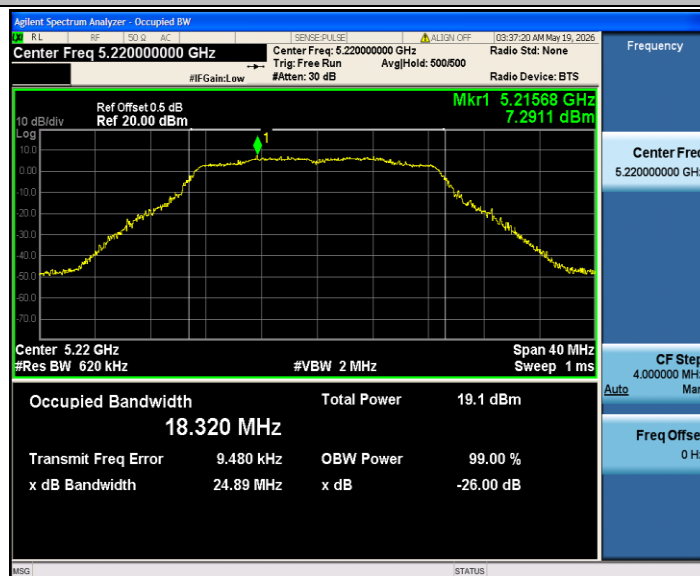




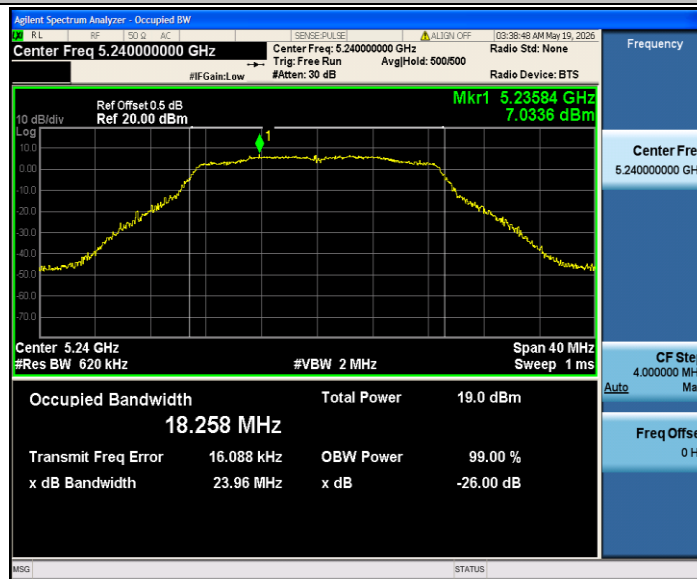
11N20SISO_Ant2_5180



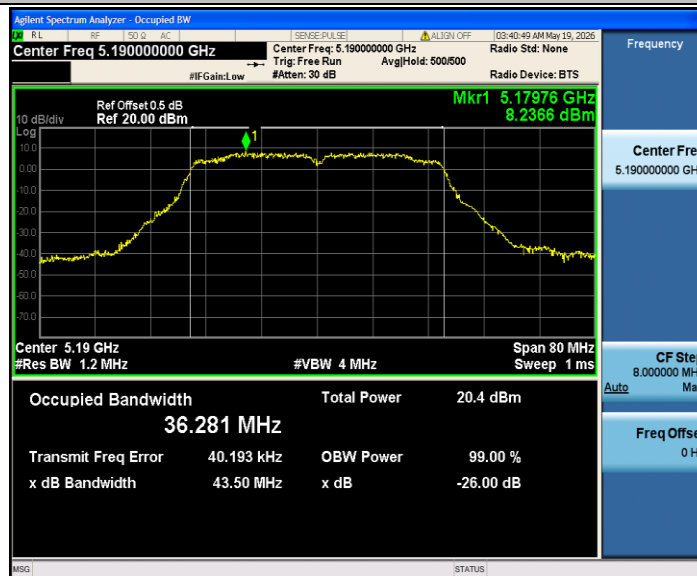
11N20SISO_Ant2_5220



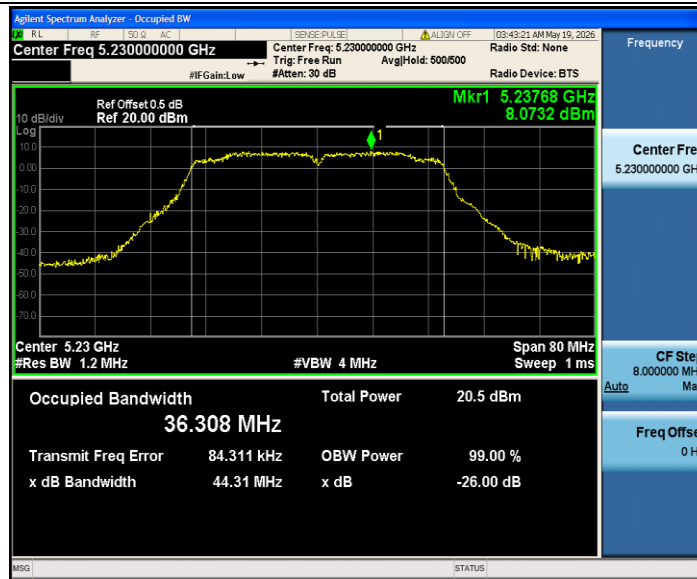
11N20SISO_Ant2_5240



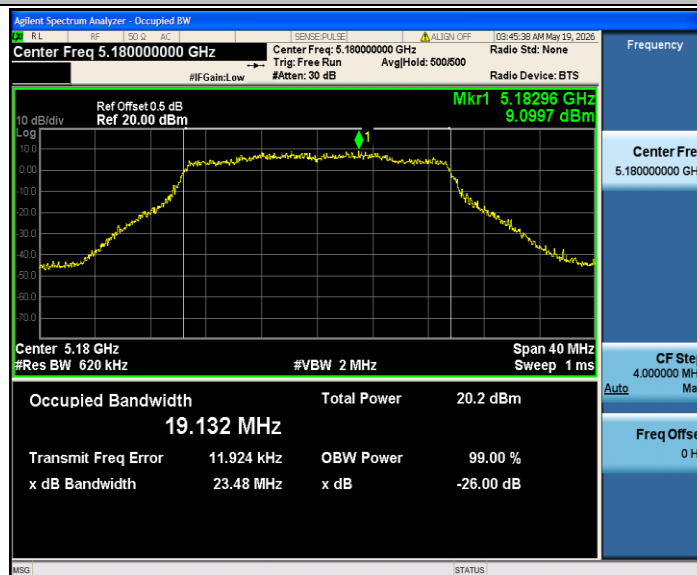
11N40SISO_Ant2_5190



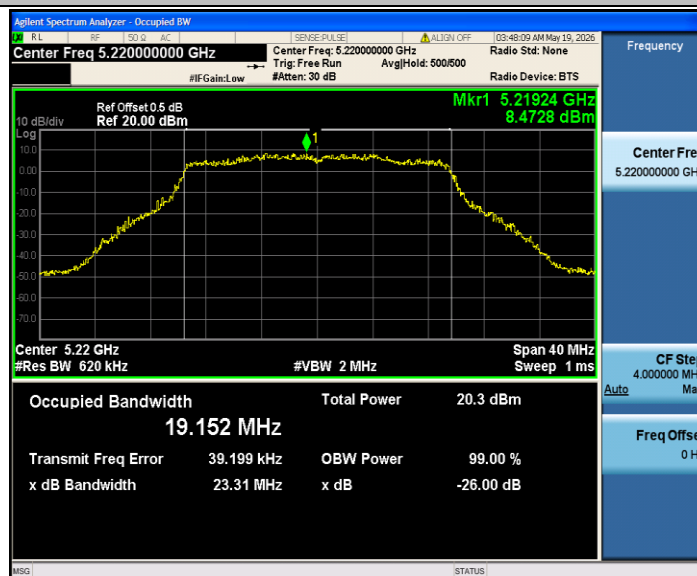
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5220



11AC20SISO_Ant2_5240



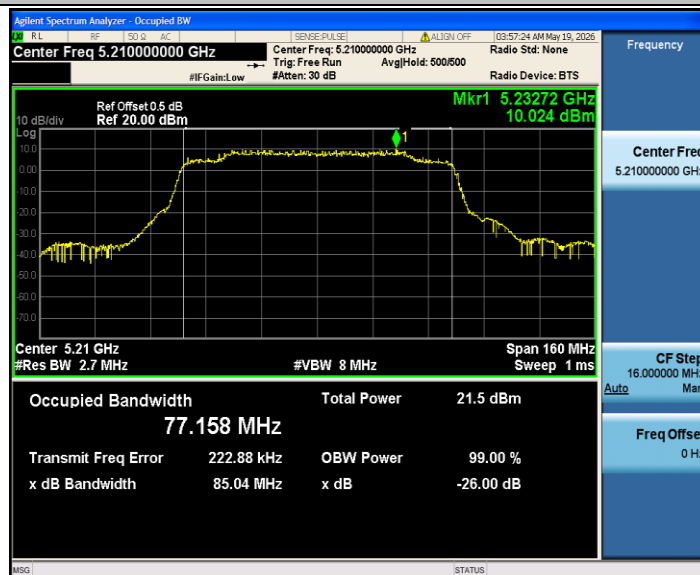
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210

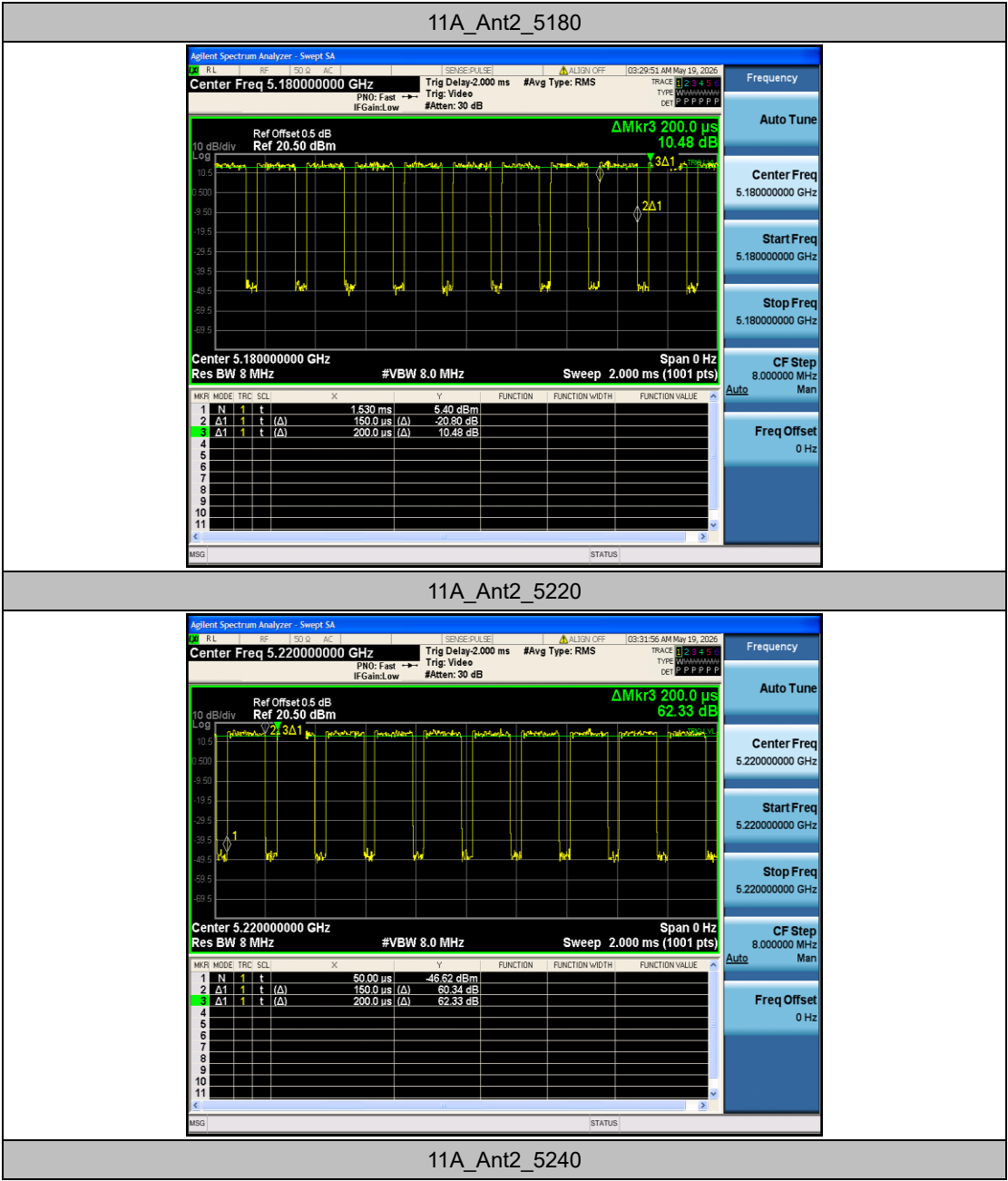


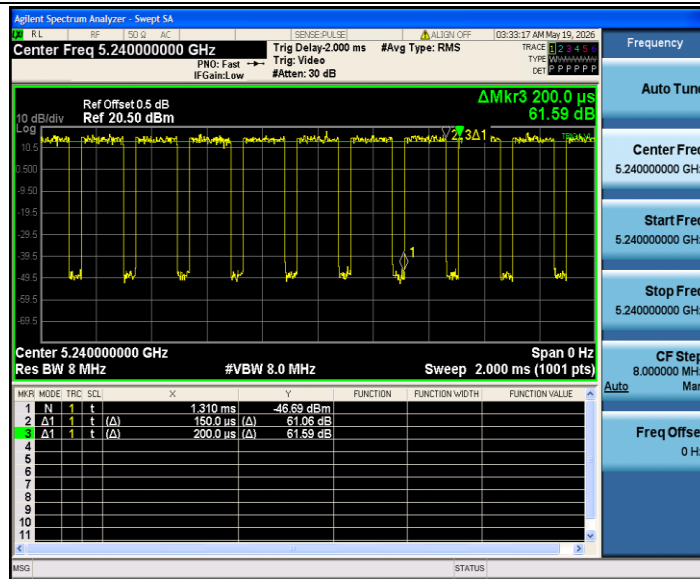
Appendix B: Duty Cycle

Test Result

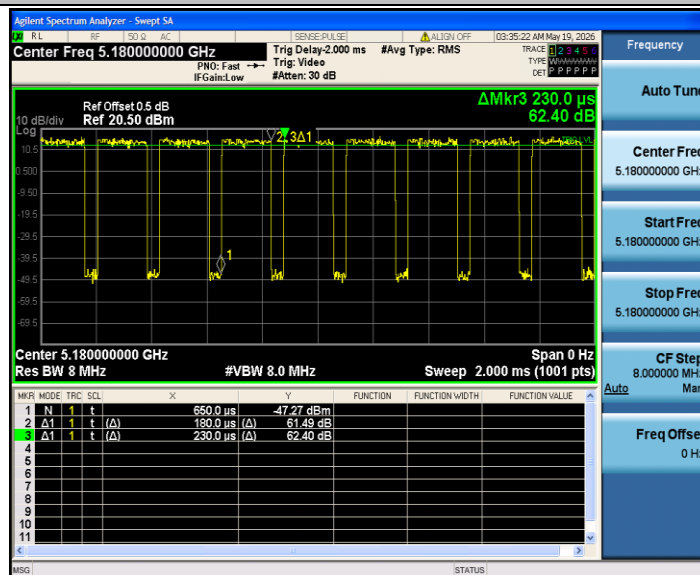
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant2	5180	0.15	0.20	75.00	1.25	---	---
		5220	0.15	0.20	75.00	1.25	---	---
		5240	0.15	0.20	75.00	1.25	---	---
11N20SISO	Ant2	5180	0.18	0.23	78.26	1.06	---	---
		5220	0.18	0.23	78.26	1.06	---	---
		5240	0.17	0.22	77.27	1.12	---	---
11N40SISO	Ant2	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.18	0.22	81.82	0.87	---	---
11AC20SISO	Ant2	5180	0.25	0.30	83.33	0.79	---	---
		5220	0.26	0.31	83.87	0.76	---	---
		5240	0.26	0.31	83.87	0.76	---	---
11AC40SISO	Ant2	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.17	0.22	77.27	1.12	---	---
11AC80SISO	Ant2	5210	0.17	0.21	80.95	0.92	---	---

Test Graphs

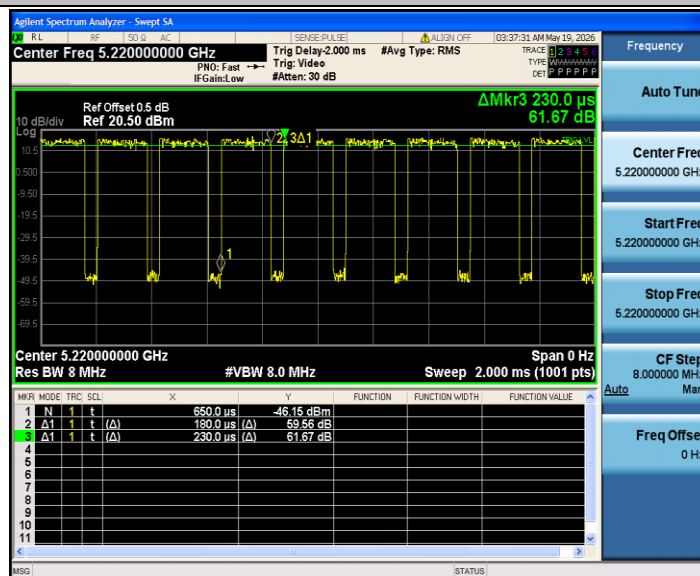




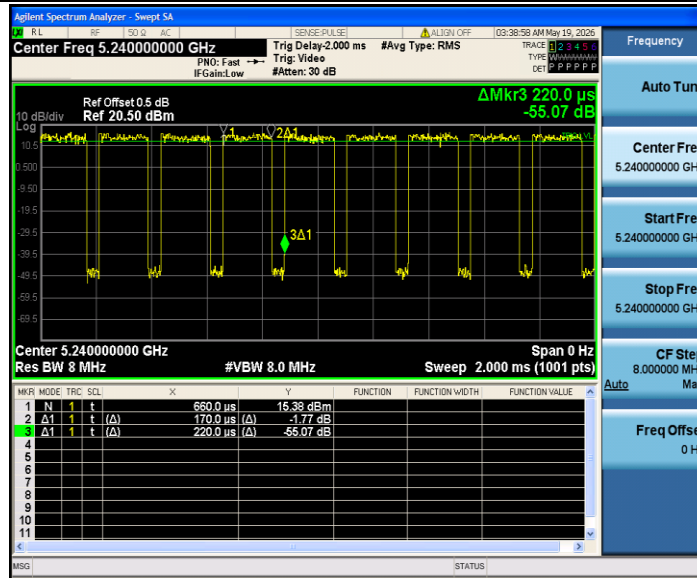
11N20SISO_Ant2_5180



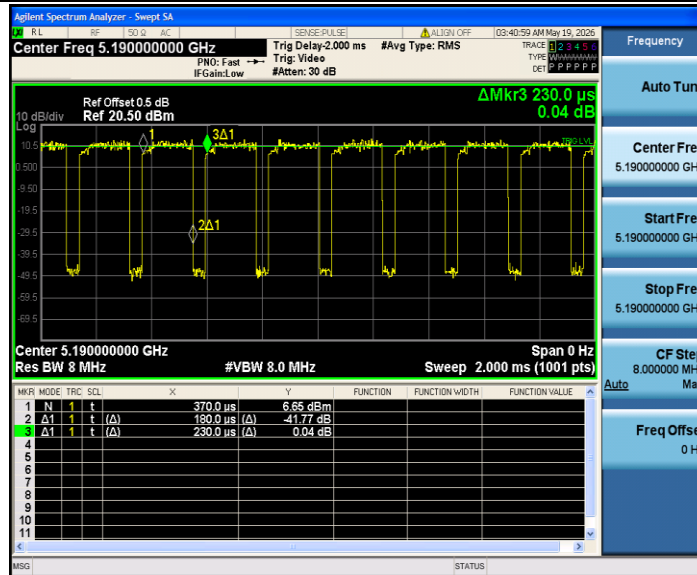
11N20SISO_Ant2_5220



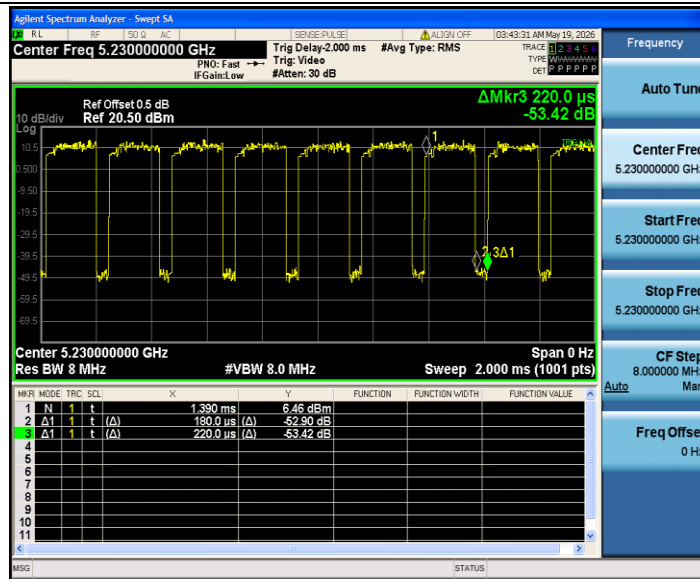
11N20SISO_Ant2_5240



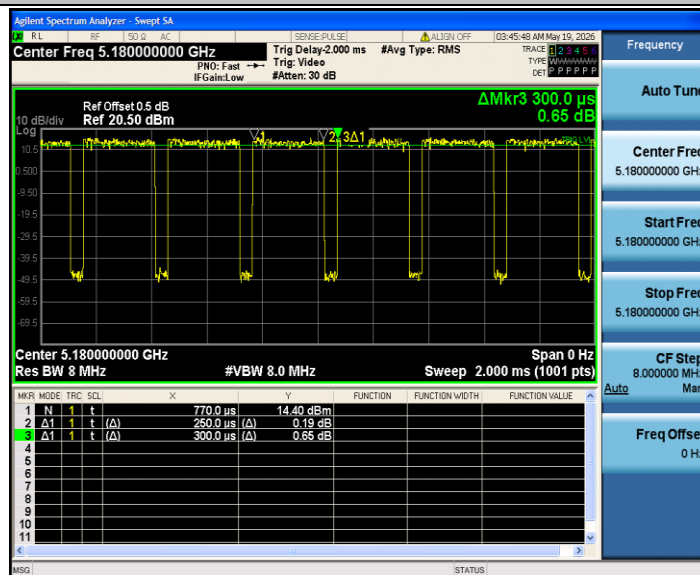
11N40SISO_Ant2_5190



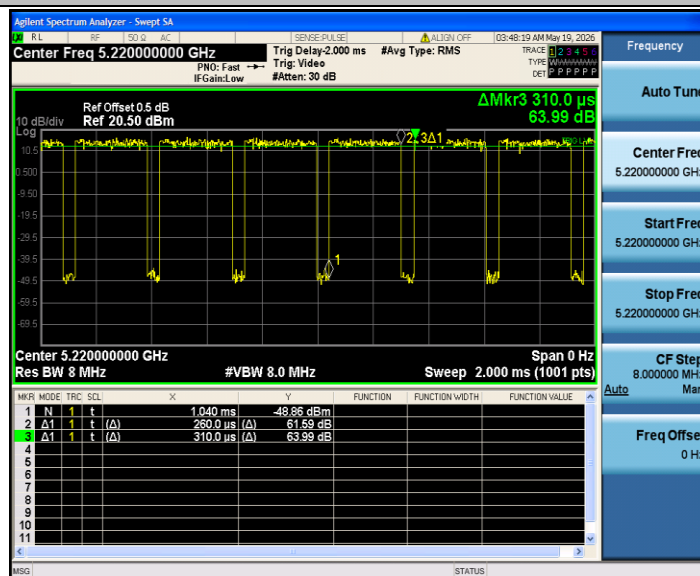
11N40SISO_Ant2_5230



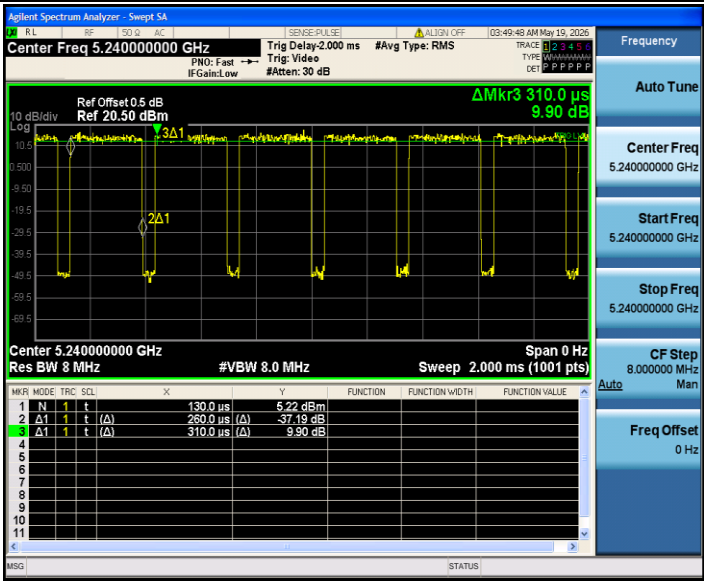
11AC20SISO_Ant2_5180



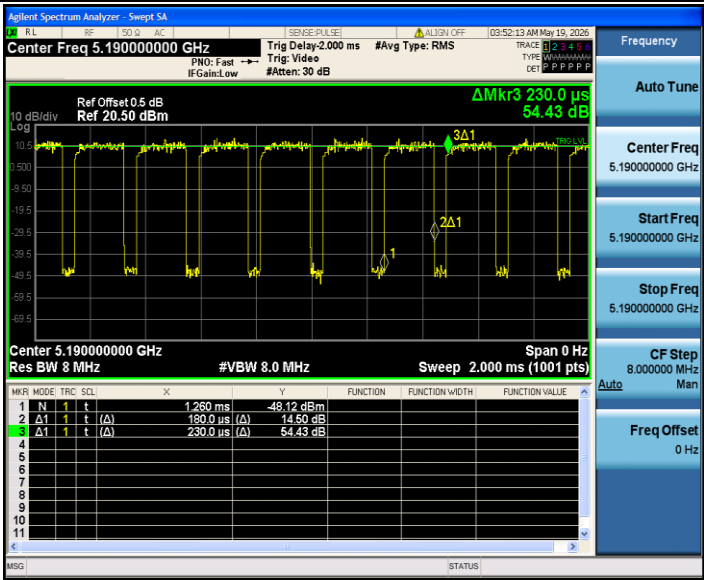
11AC20SISO_Ant2_5220



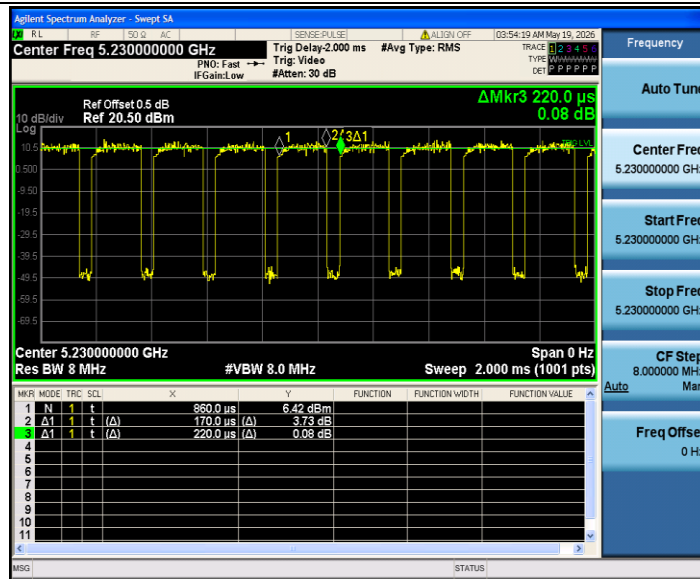
11AC20SISO_Ant2_5240



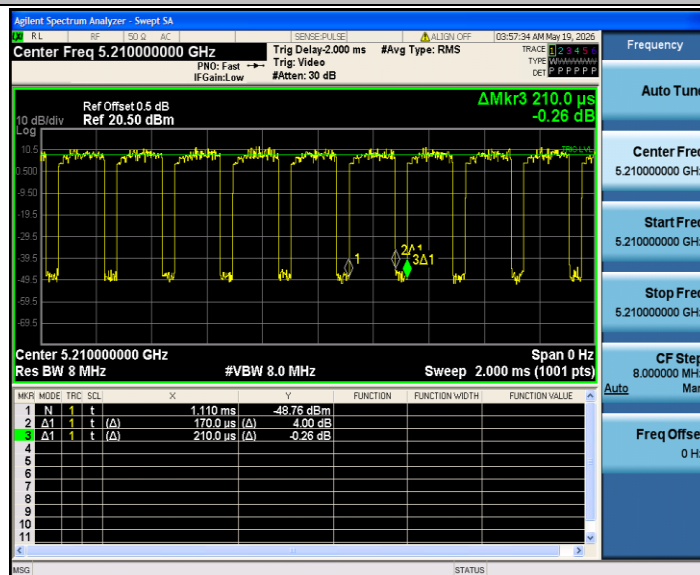
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



Appendix C: Maximum conducted output power

Test Result

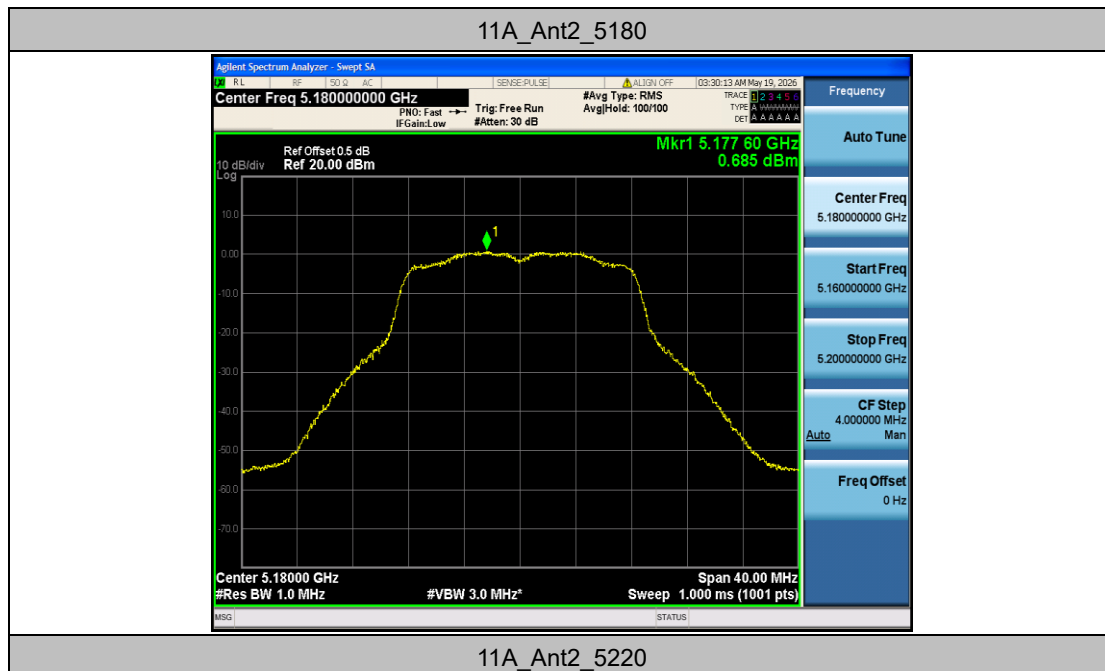
Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	10.98	75.00	1.25	12.23	≤23.98	PASS
		5220	11.25	75.00	1.25	12.50	≤23.98	PASS
		5240	11.01	75.00	1.25	12.26	≤23.98	PASS
11N20SI SO	Ant2	5180	11.09	78.26	1.06	12.15	≤23.98	PASS
		5220	11.29	78.26	1.06	12.35	≤23.98	PASS
		5240	11.17	77.27	1.12	12.29	≤23.98	PASS
11N40SI SO	Ant2	5190	11.18	78.26	1.06	12.24	≤23.98	PASS
		5230	11.32	81.82	0.87	12.19	≤23.98	PASS
11AC20S ISO	Ant2	5180	11.24	83.33	0.79	12.03	≤23.98	PASS
		5220	11.31	83.87	0.76	12.07	≤23.98	PASS
		5240	11.28	83.87	0.76	12.04	≤23.98	PASS
11AC40S ISO	Ant2	5190	10.85	78.26	1.06	11.91	≤23.98	PASS
		5230	11.05	77.27	1.12	12.17	≤23.98	PASS
11AC80S ISO	Ant2	5210	11.27	80.95	0.92	12.19	≤23.98	PASS

Appendix D: Maximum power spectral density

Test Result

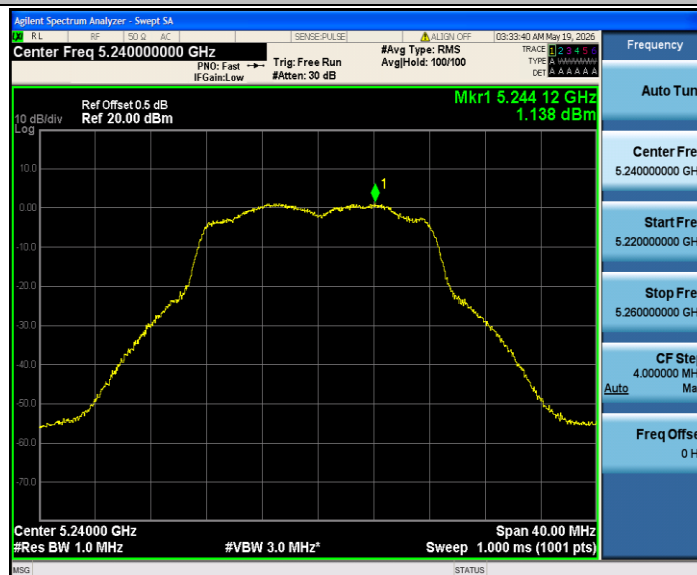
TestMode	Antenna	Freq(MHz)	RawData [dBm/MHz]	DC Factor [dBm]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant2	5180	0.69	1.25	1.94	≤11.00	PASS
		5220	1.11	1.25	2.36	≤11.00	PASS
		5240	1.14	1.25	2.39	≤11.00	PASS
11N20SISO	Ant2	5180	0.85	1.06	1.91	≤11.00	PASS
		5220	0.93	1.06	1.99	≤11.00	PASS
		5240	0.82	1.12	1.94	≤11.00	PASS
11N40SISO	Ant2	5190	-2.57	1.06	-1.51	≤11.00	PASS
		5230	-2.6	0.87	-1.73	≤11.00	PASS
11AC20SISO	Ant2	5180	0.73	0.79	1.52	≤11.00	PASS
		5220	0.77	0.76	1.53	≤11.00	PASS
		5240	0.64	0.76	1.40	≤11.00	PASS
11AC40SISO	Ant2	5190	-2.87	1.06	-1.81	≤11.00	PASS
		5230	-2.57	1.12	-1.45	≤11.00	PASS
11AC80SISO	Ant2	5210	-5.42	0.92	-4.50	≤11.00	PASS

Test Graphs

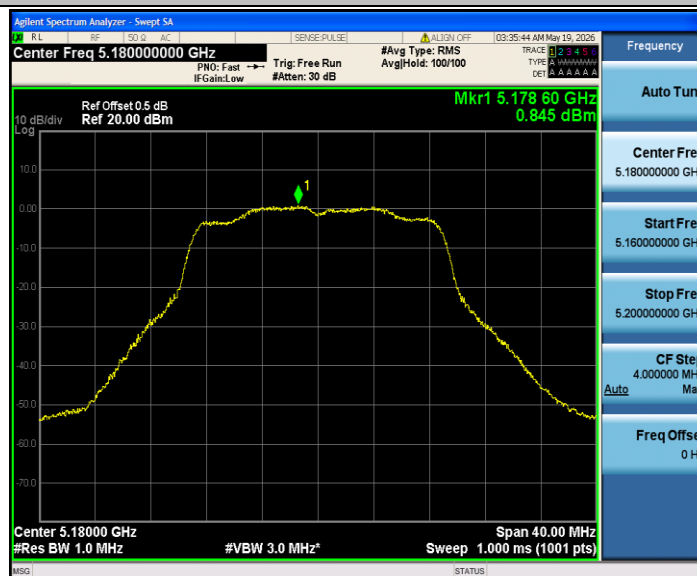




11A_Ant2_5240



11N20SISO_Ant2_5180



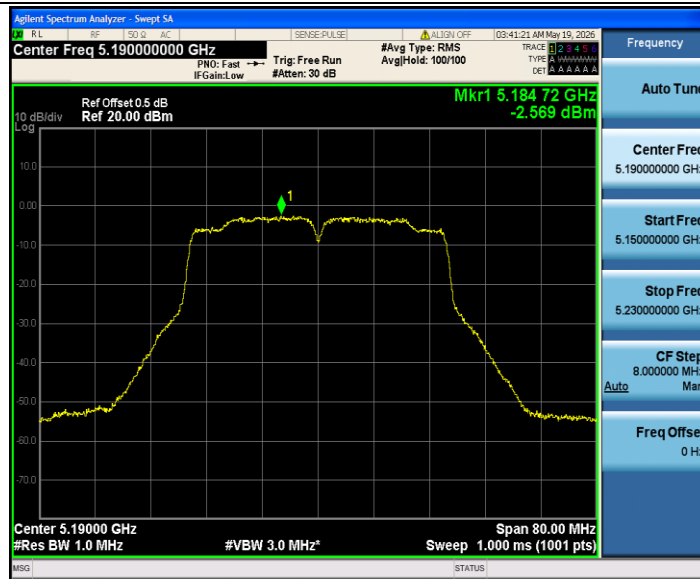
11N20SISO_Ant2_5220



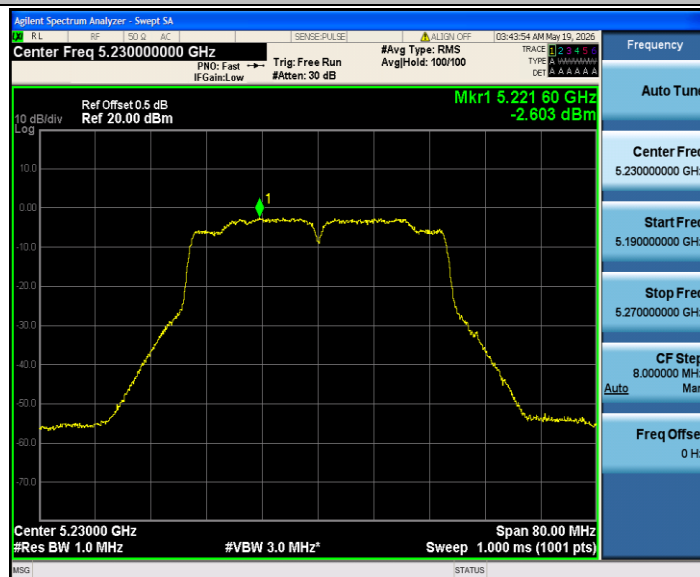
11N20SISO_Ant2_5240



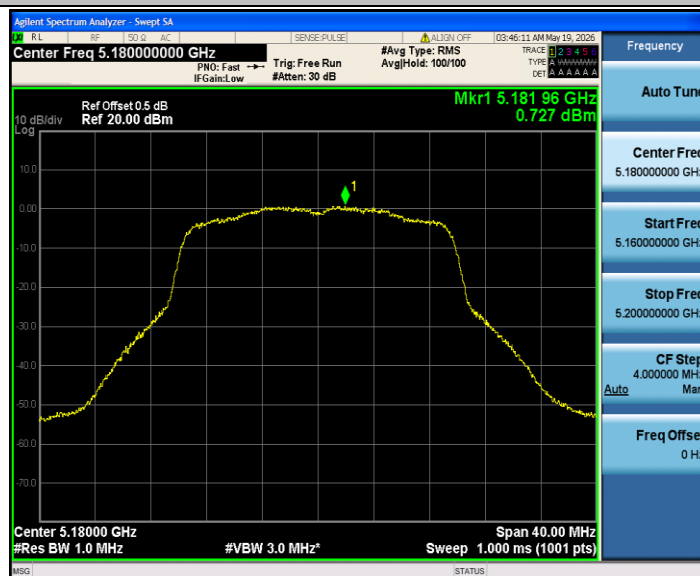
11N40SISO_Ant2_5190



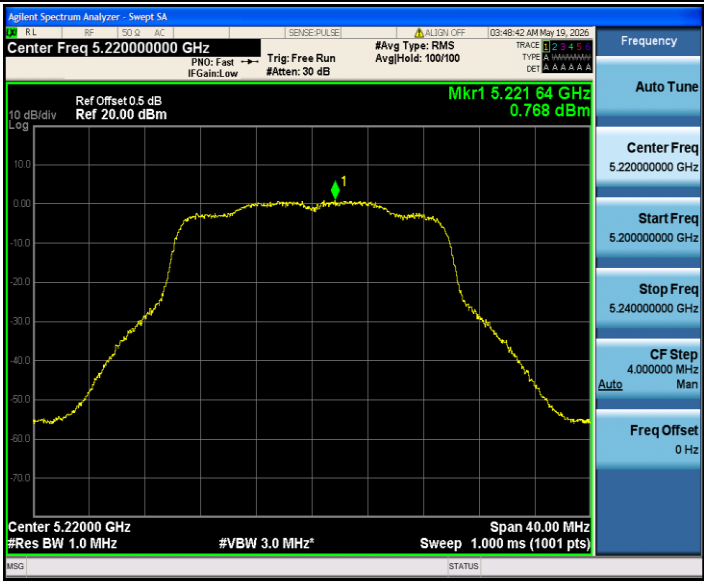
11N40SISO_Ant2_5230



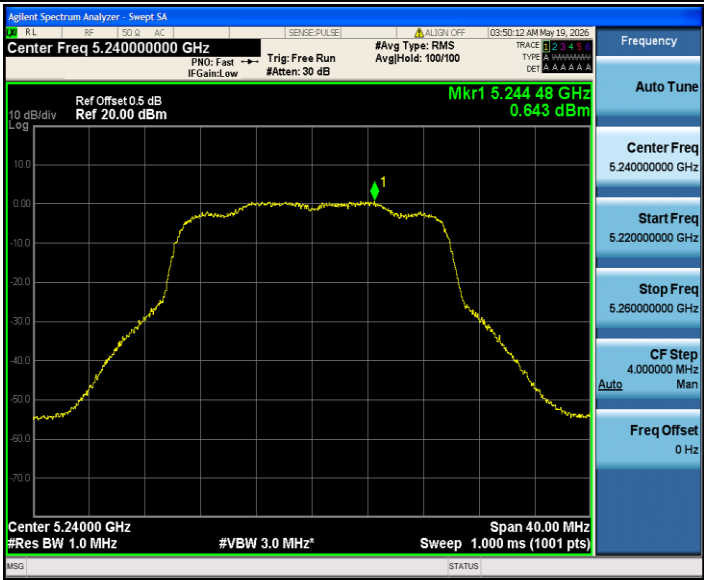
11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5220



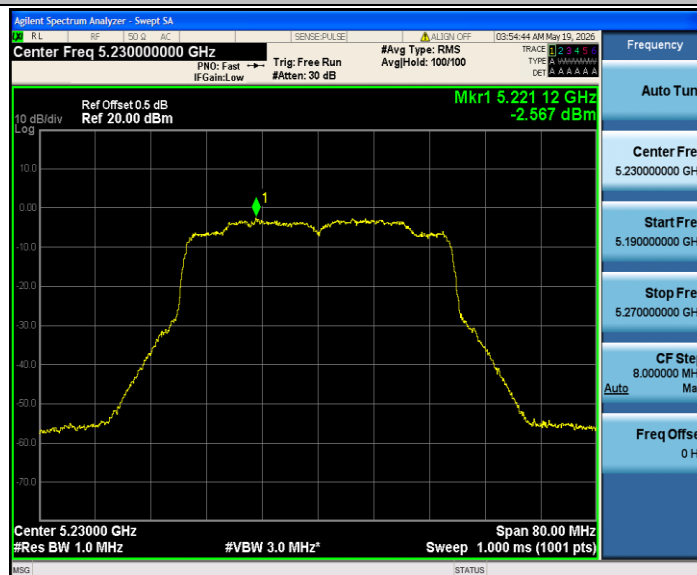
11AC20SISO_Ant2_5240



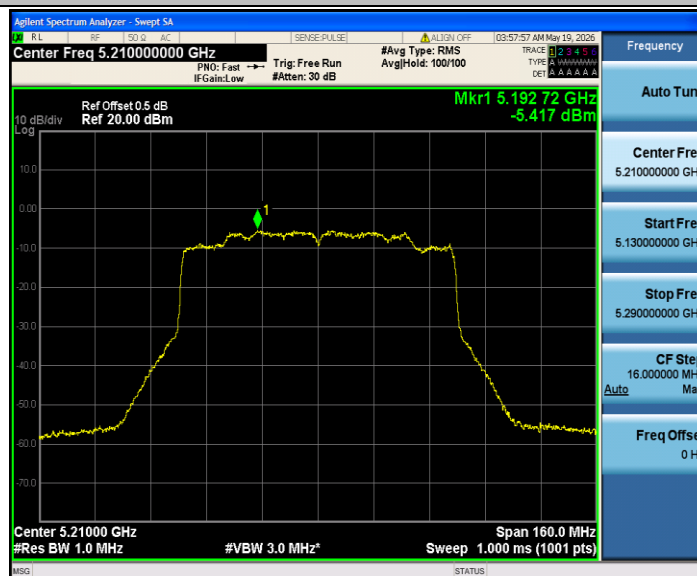
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210

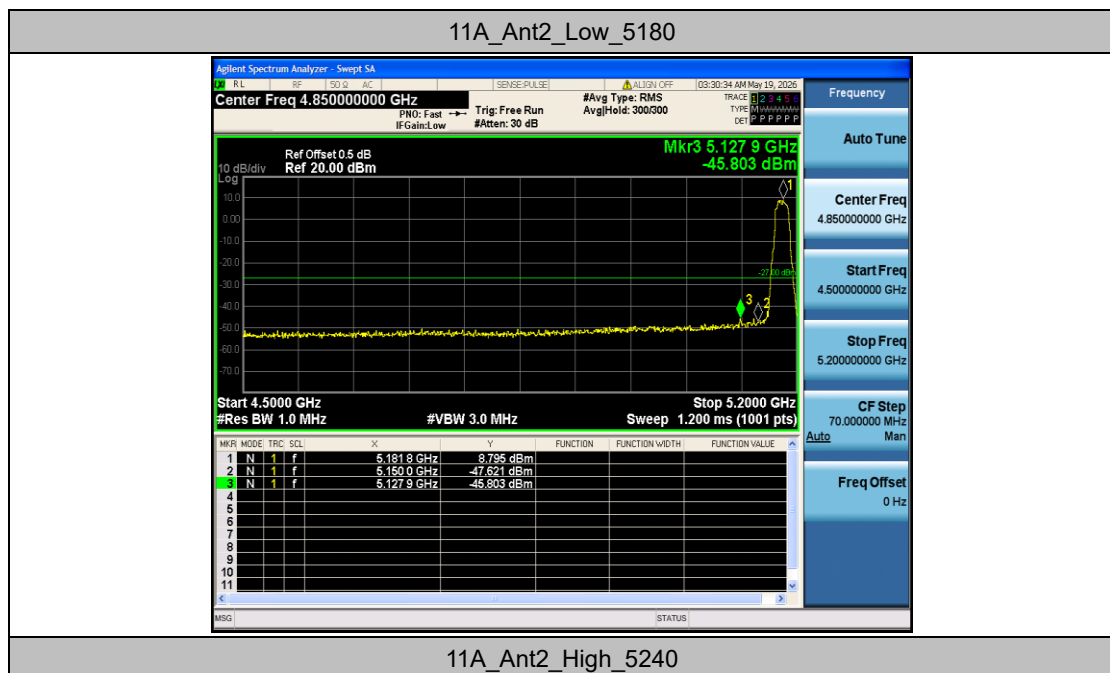


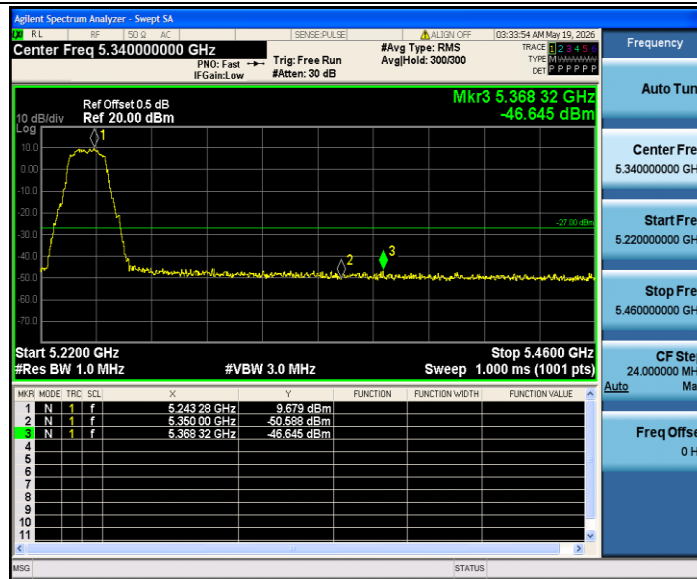
Appendix E: Band edge measurements

Test Result B1

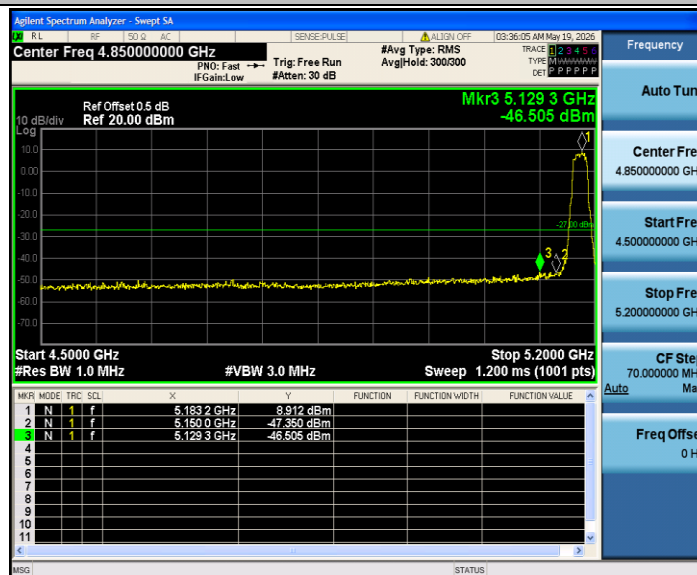
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-45.8	≤-27	PASS
		High	5240	-46.65	≤-27	PASS
11N20SISO	Ant2	Low	5180	-46.51	≤-27	PASS
		High	5240	-47.19	≤-27	PASS
11N40SISO	Ant2	Low	5190	-44.09	≤-27	PASS
		High	5230	-46.1	≤-27	PASS
11AC20SISO	Ant2	Low	5180	-46.26	≤-27	PASS
		High	5240	-47.31	≤-27	PASS
11AC40SISO	Ant2	Low	5190	-44.7	≤-27	PASS
		High	5230	-46.81	≤-27	PASS
11AC80SISO	Ant2	Low	5210	-41.82	≤-27	PASS
		High	5210	-46.88	≤-27	PASS

Test Graphs B1

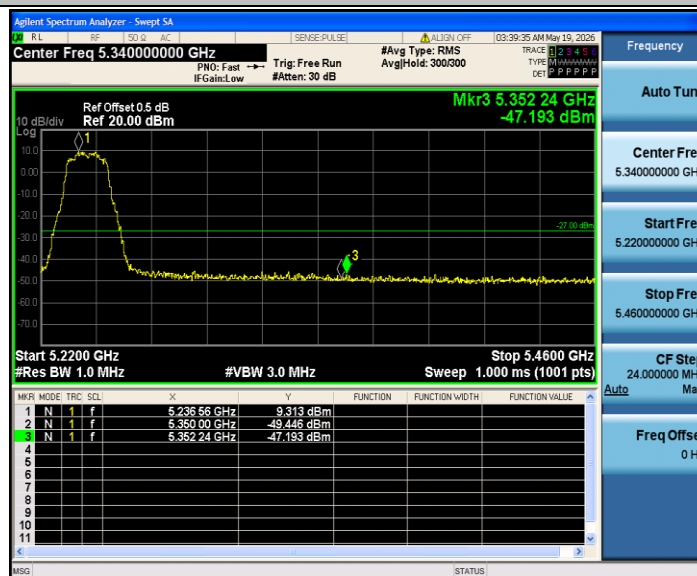




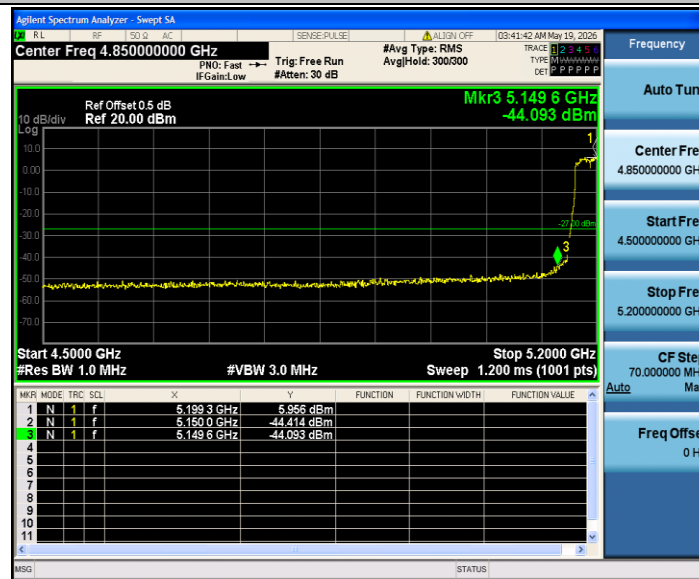
11N20SISO_Ant2_Low_5180



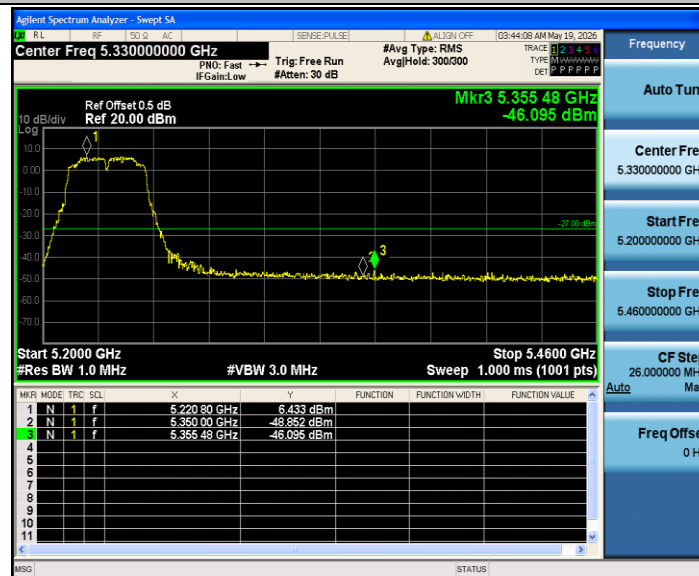
11N20SISO_Ant2_High_5240



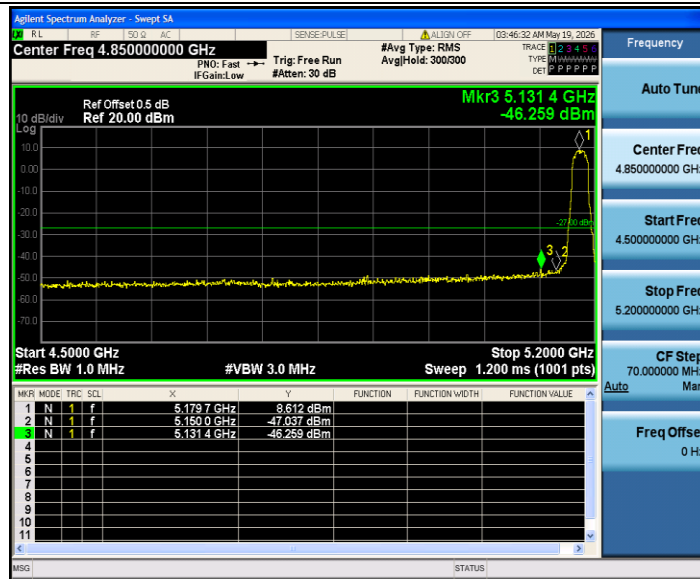
11N40SISO_Ant2_Low_5190



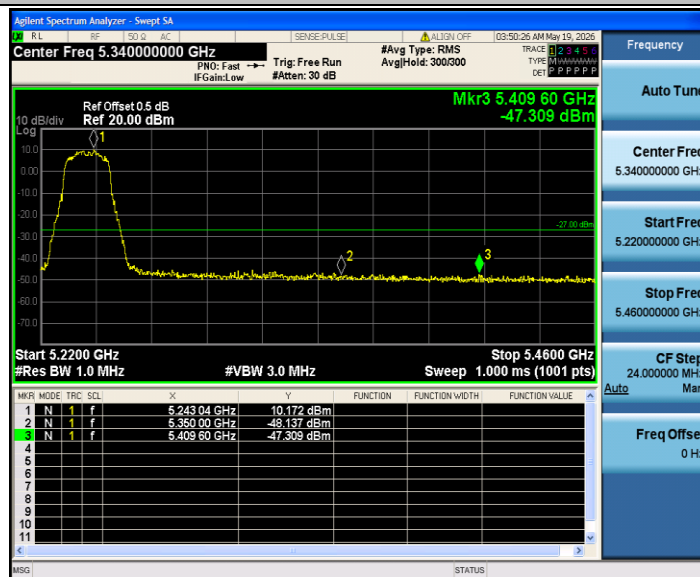
11N40SISO_Ant2_High_5230



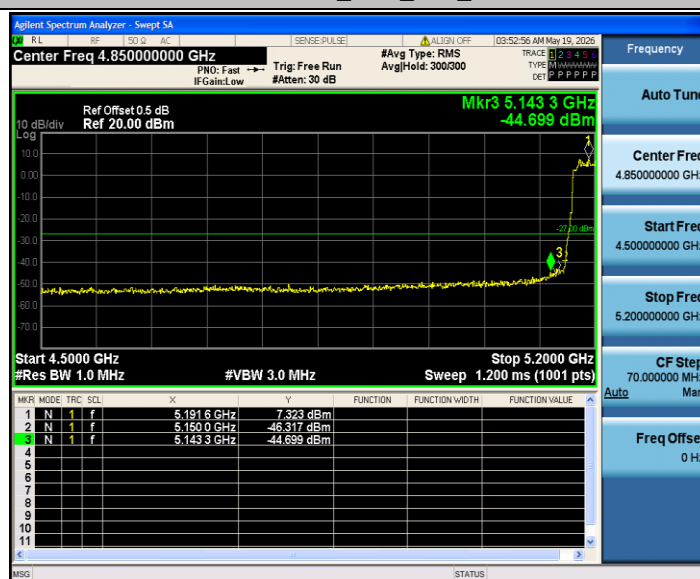
11AC20SISO_Ant2_Low_5180



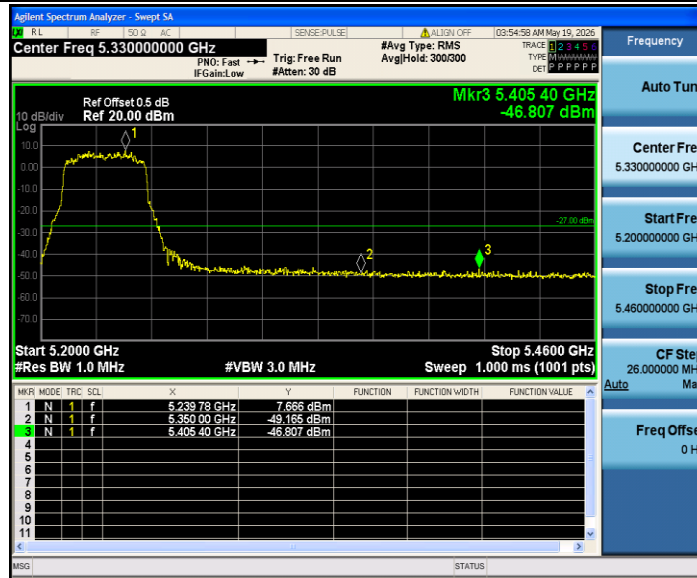
11AC20SISO_Ant2_High_5240



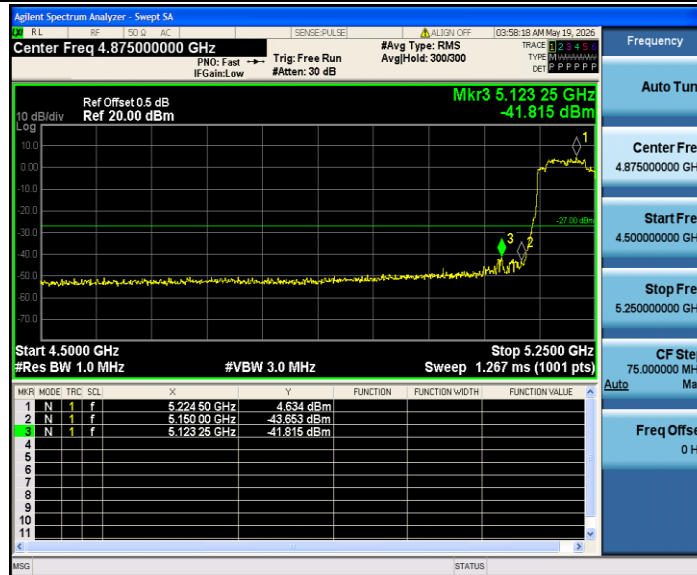
11AC40SISO_Ant2_Low_5190



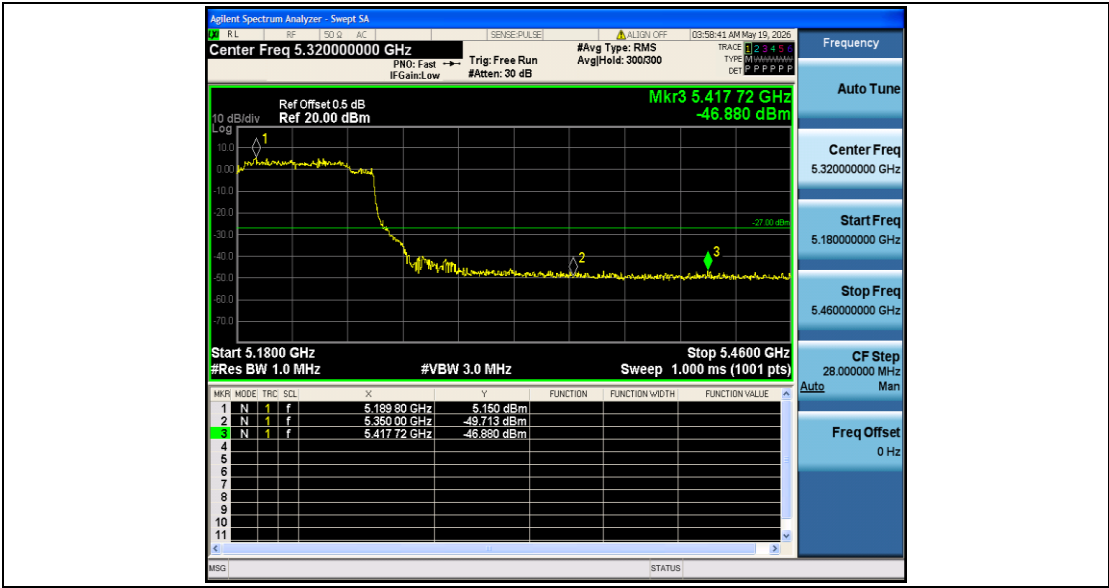
11AC40SISO_Ant2_High_5230



11AC80SISO_Ant2_Low_5210



11AC80SISO_Ant2_High_5210



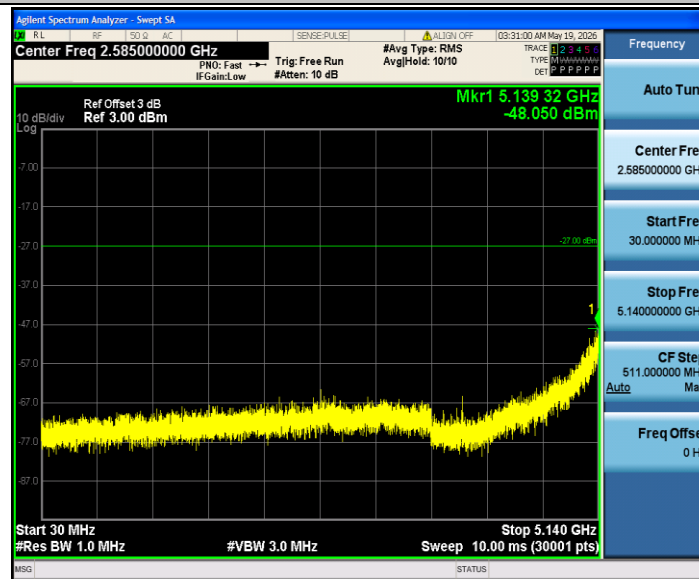
Appendix F: Conducted Spurious Emission

Test Result

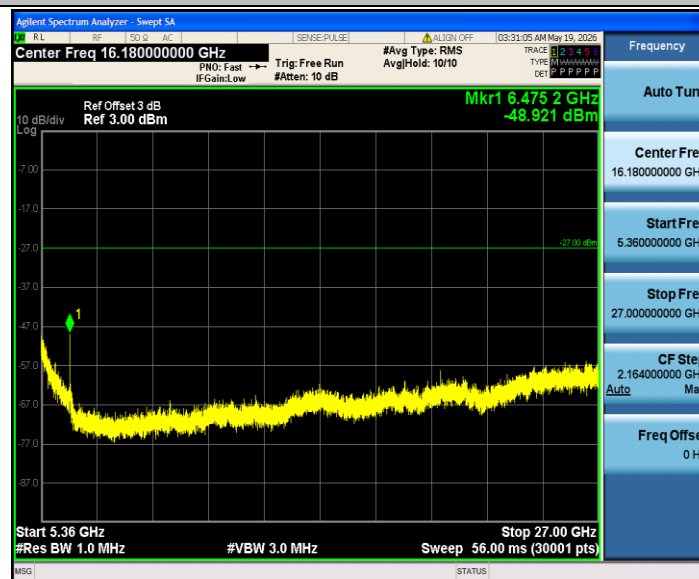
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	5139.32	-48.05	≤-27	PASS
			5360~40000	6475.18	-48.92	≤-27	PASS
		5220	30~5140	5132.34	-48.62	≤-27	PASS
			5360~40000	5362.16	-47.52	≤-27	PASS
		5240	30~5140	5115.98	-51.04	≤-27	PASS
			5360~40000	5380.2	-48.63	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5133.53	-48.46	≤-27	PASS
			5360~40000	6475.18	-48.42	≤-27	PASS
		5220	30~5140	5060.8	-49.35	≤-27	PASS
			5360~40000	5362.89	-48.36	≤-27	PASS
		5240	30~5140	5133.53	-50.43	≤-27	PASS
			5360~40000	5364.33	-48.01	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5138.64	-48.21	≤-27	PASS
			5360~40000	6488.17	-49.53	≤-27	PASS
		5230	30~5140	5139.32	-48.45	≤-27	PASS
			5360~40000	5380.2	-47.72	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	5117.01	-47.1	≤-27	PASS
			5360~40000	6475.18	-49.14	≤-27	PASS
		5220	30~5140	5137.96	-49.59	≤-27	PASS
			5360~40000	5385.25	-48.29	≤-27	PASS
		5240	30~5140	5137.1	-50.58	≤-27	PASS
			5360~40000	5375.15	-48.68	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5140	-45.64	≤-27	PASS
			5360~40000	5438.63	-48.93	≤-27	PASS
		5230	30~5140	5136.42	-49.94	≤-27	PASS
			5360~40000	5385.25	-48.65	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5050.4	-47.49	≤-27	PASS
			5360~40000	6512.69	-47.09	≤-27	PASS

Test Graphs

11A_Ant2_5180_30~5140



11A_Ant2_5180_5360~40000



11A_Ant2_5220_30~5140