

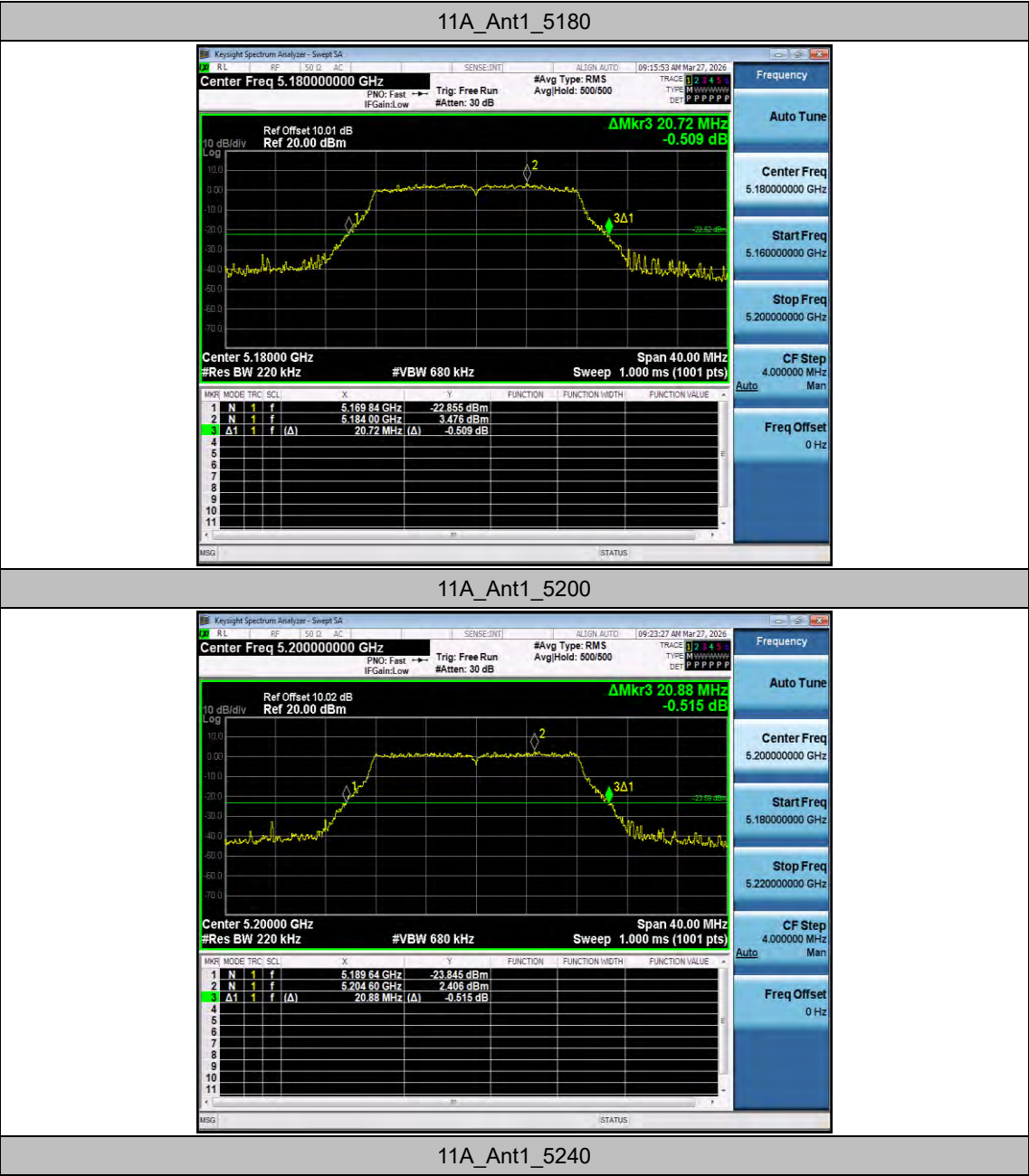
Case No. : <u>GTS20251122004-2-15</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.15-2026.3.31</u> Test Engineer: <u>Evan ouyang</u>

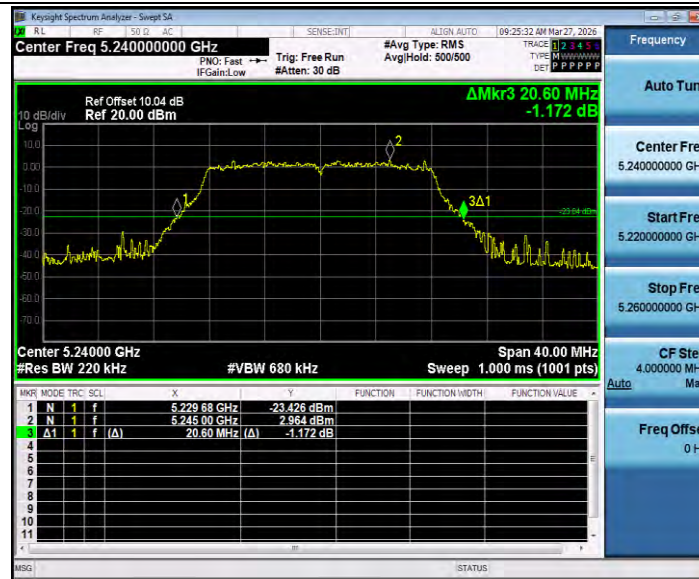
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.720	5169.840	5190.560	---	---
		5200	20.880	5189.640	5210.520	---	---
		5240	20.600	5229.680	5250.280	---	---
11N20SISO	Ant1	5180	21.000	5169.440	5190.440	---	---
		5200	21.640	5189.120	5210.760	---	---
		5240	21.080	5229.520	5250.600	---	---
11N40SISO	Ant1	5190	40.560	5169.760	5210.320	---	---
		5230	40.000	5210.080	5250.080	---	---
11AC20SISO	Ant1	5180	21.120	5169.480	5190.600	---	---
		5200	21.600	5189.200	5210.800	---	---
		5240	20.960	5229.480	5250.440	---	---
11AC40SISO	Ant1	5190	40.160	5170.080	5210.240	---	---
		5230	39.920	5210.080	5250.000	---	---
11AC80SISO	Ant1	5210	80.640	5169.840	5250.480	---	---
11AX20SISO	Ant1	5180	21.600	5169.000	5190.600	---	---
		5200	22.040	5189.080	5211.120	---	---
		5240	21.360	5229.240	5250.600	---	---
11AX40SISO	Ant1	5190	40.640	5169.680	5210.320	---	---
		5230	40.400	5209.760	5250.160	---	---
11AX80SISO	Ant1	5210	82.240	5169.200	5251.440	---	---

Test Graphs

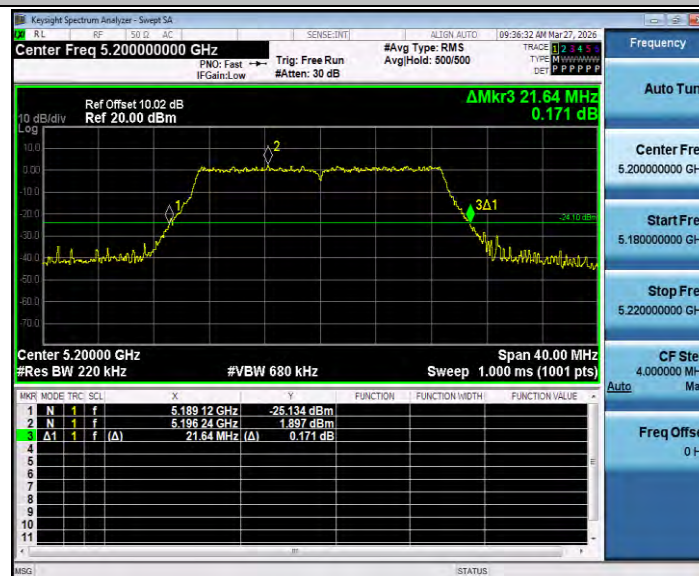




11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



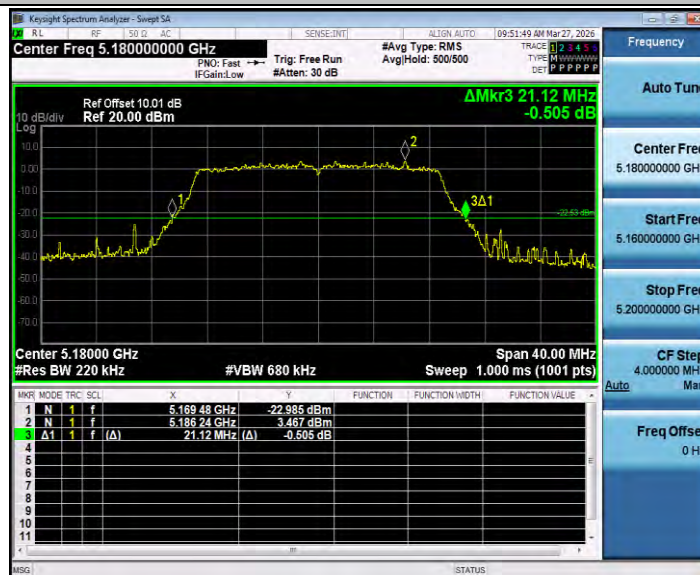
11N40SISO_Ant1_5190



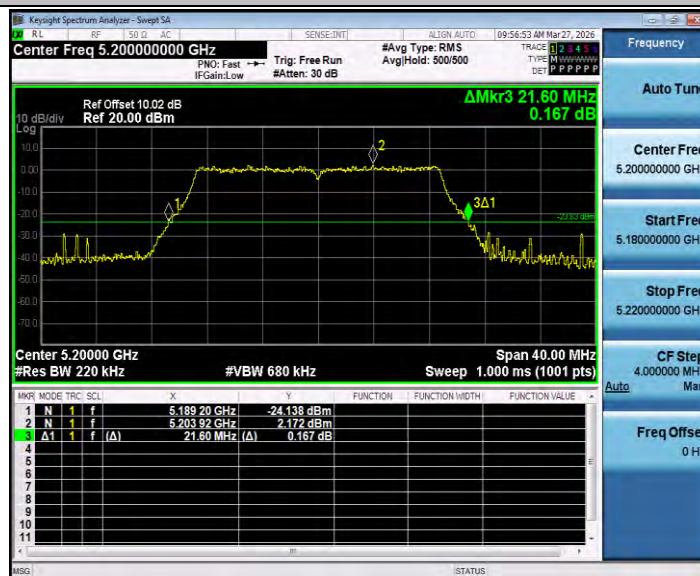
11N40SISO_Ant1_5230



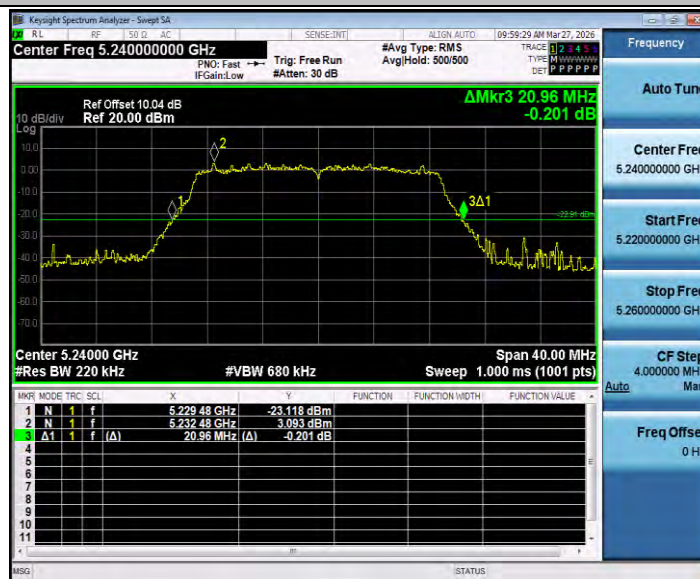
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



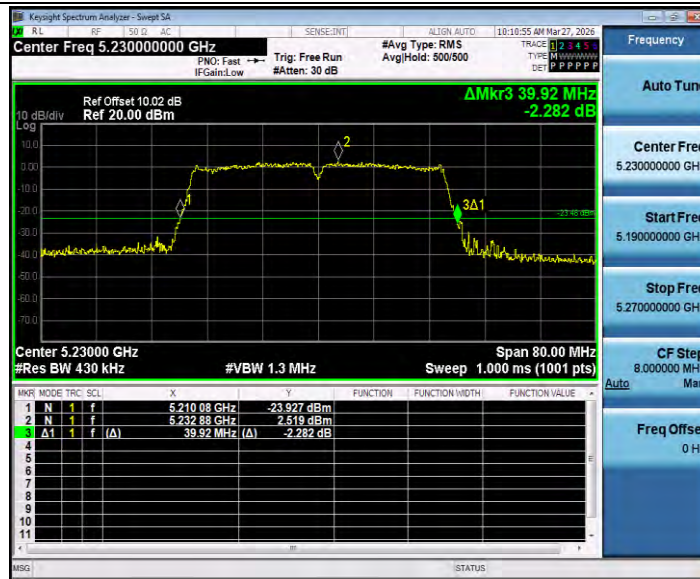
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



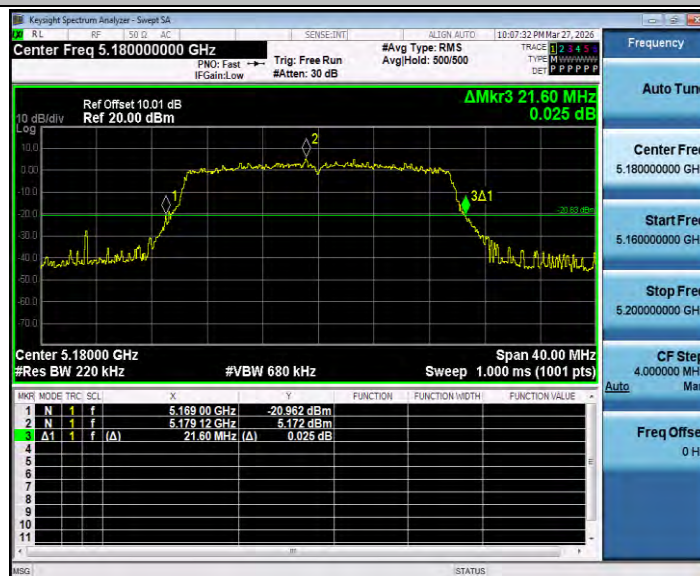
11AC40SISO_Ant1_5230



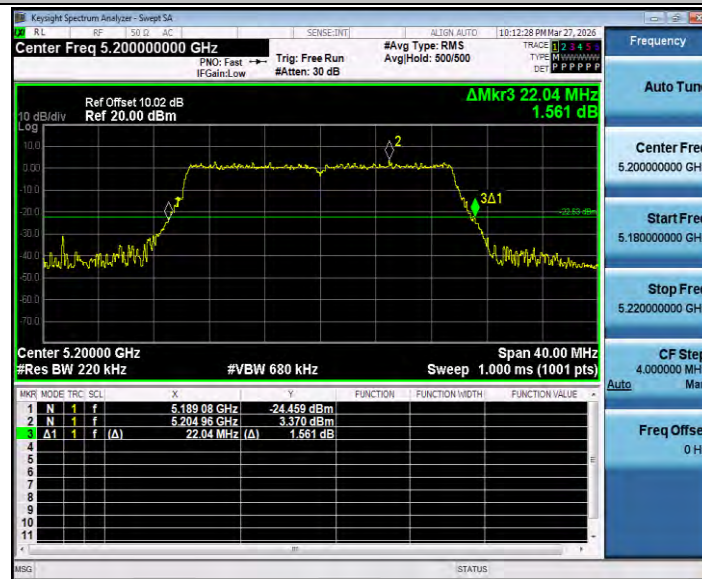
11AC80SISO_Ant1_5210



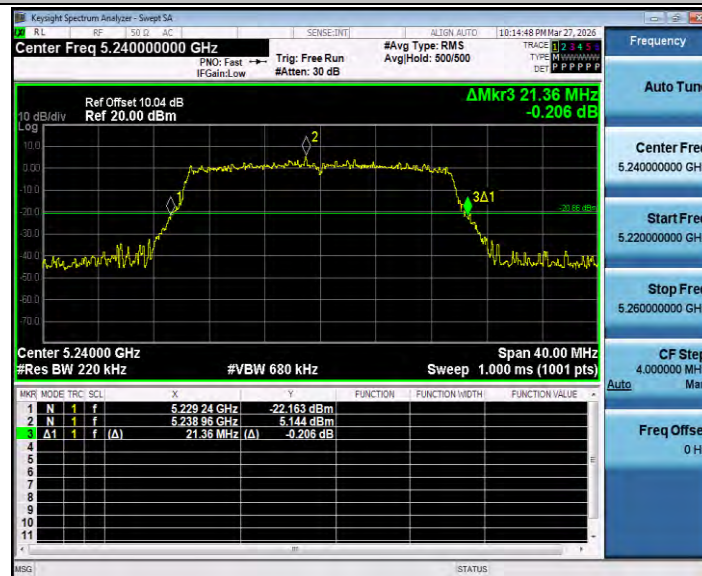
11AX20SISO_Ant1_5180



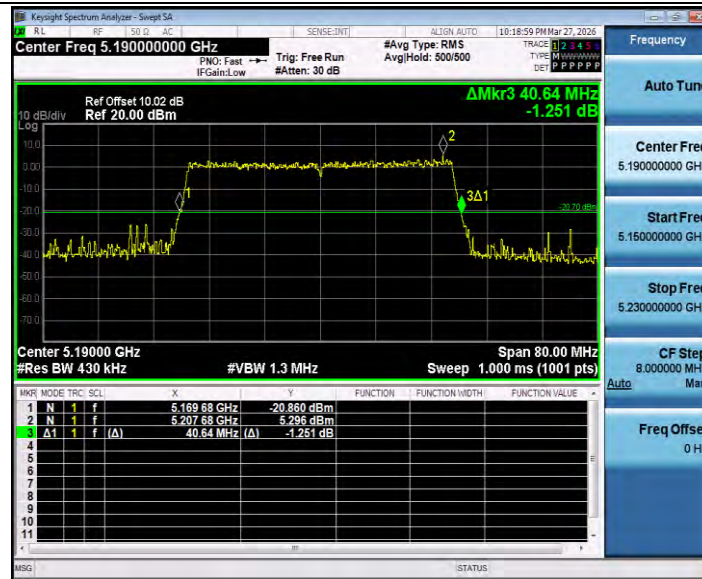
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



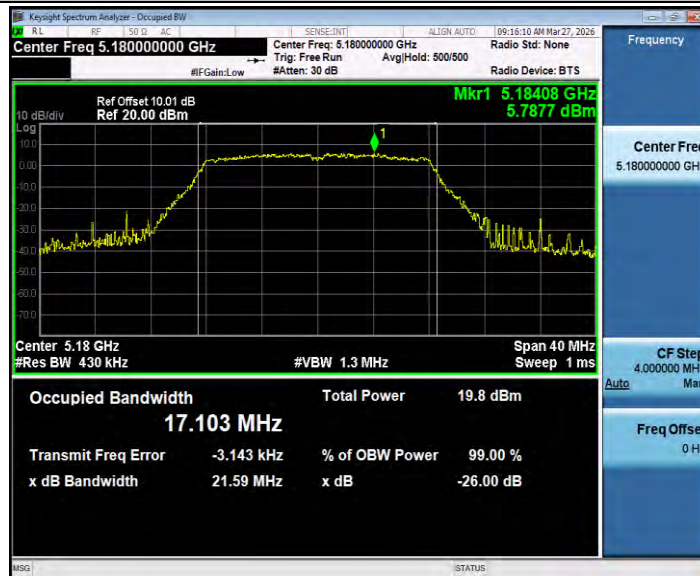
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.103	5171.4454	5188.5484	---	---
		5200	17.310	5191.3482	5208.6582	---	---
		5240	17.053	5231.4369	5248.4899	---	---
11N20SISO	Ant1	5180	18.049	5170.9663	5189.0153	---	---
		5200	18.354	5190.8313	5209.1853	---	---
		5240	18.083	5230.9158	5248.9988	---	---
11N40SISO	Ant1	5190	36.833	5171.6554	5208.4884	---	---
		5230	36.444	5211.7843	5248.2283	---	---
11AC20SISO	Ant1	5180	18.056	5170.9586	5189.0146	---	---
		5200	18.368	5190.7942	5209.1622	---	---
		5240	18.081	5230.9094	5248.9904	---	---
11AC40SISO	Ant1	5190	36.818	5171.6511	5208.4691	---	---
		5230	36.454	5211.7890	5248.2430	---	---
11AC80SISO	Ant1	5210	75.881	5172.2013	5248.0823	---	---
11AX20SISO	Ant1	5180	19.004	5170.4944	5189.4984	---	---
		5200	19.297	5190.3654	5209.6624	---	---
		5240	19.059	5230.4453	5249.5043	---	---
11AX40SISO	Ant1	5190	38.181	5170.9198	5209.1008	---	---
		5230	37.652	5211.1675	5248.8195	---	---
11AX80SISO	Ant1	5210	78.036	5171.0820	5249.1180	---	---

Test Graphs

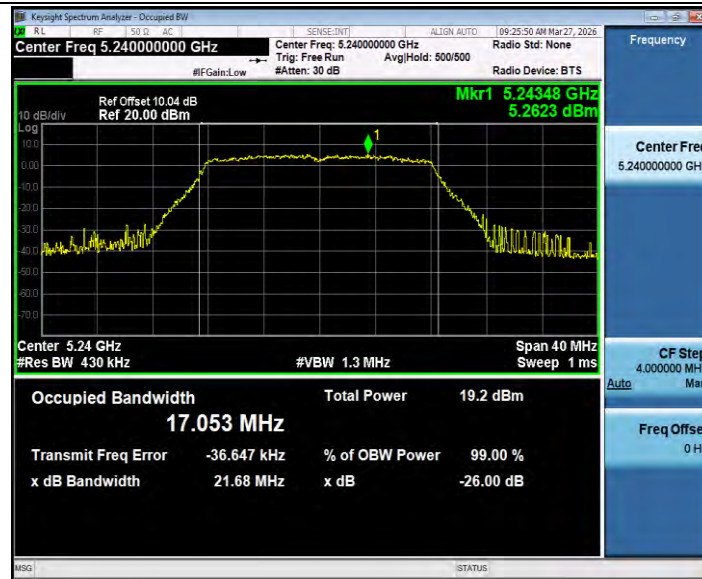
11A_Ant1_5180



11A_Ant1_5200



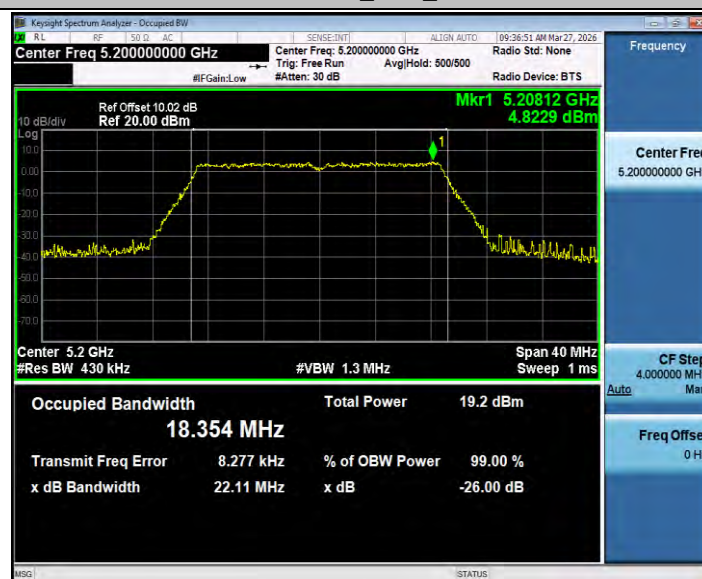
11A_Ant1_5240



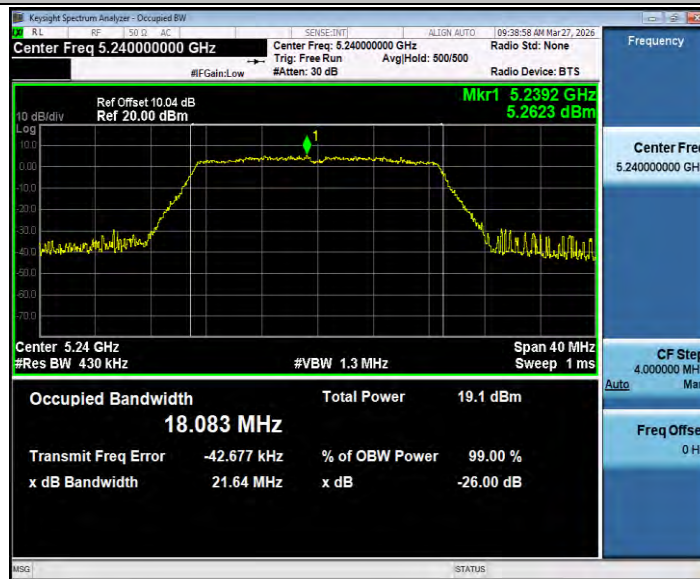
11N20SISO_Ant1_5180



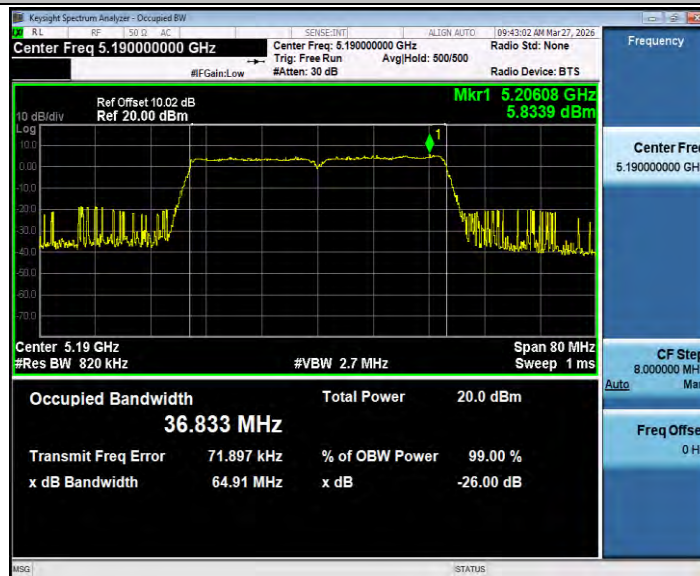
11N20SISO_Ant1_5200



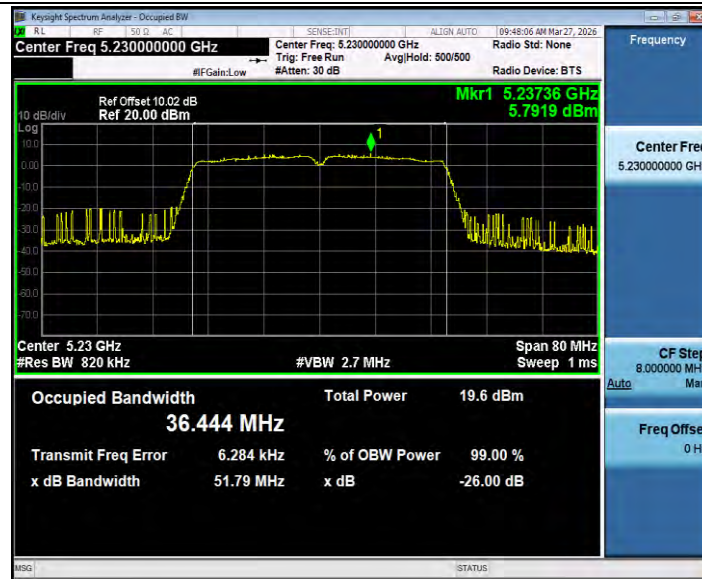
11N20SISO_Ant1_5240



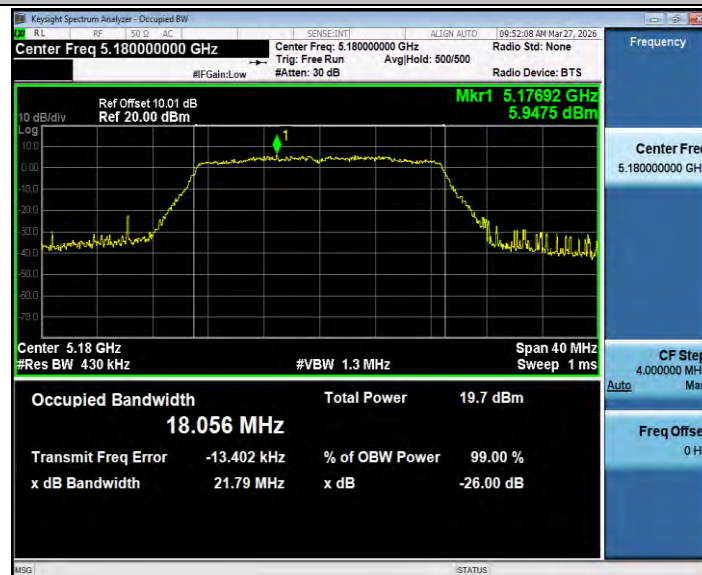
11N40SISO_Ant1_5190



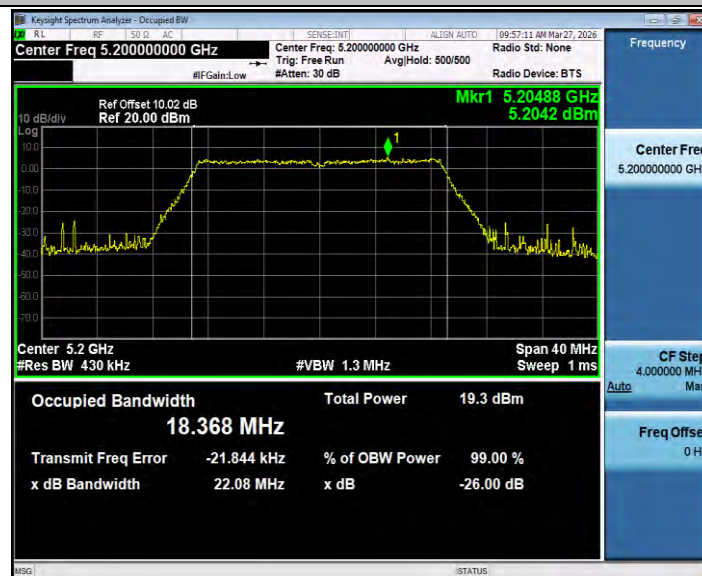
11N40SISO_Ant1_5230



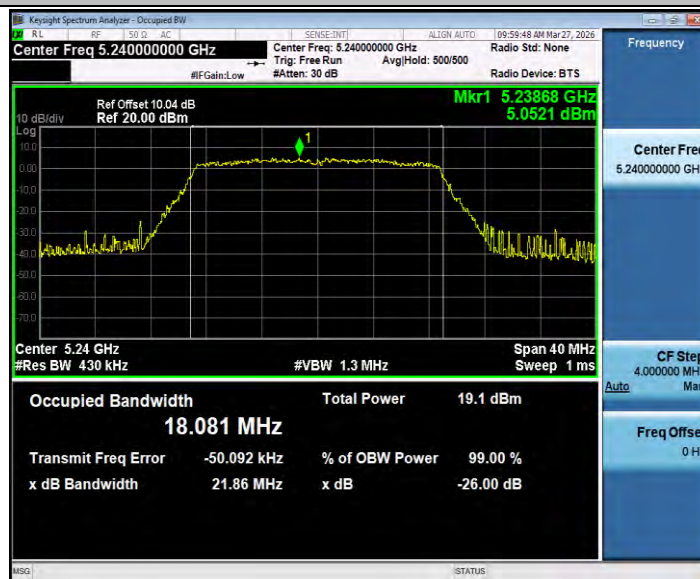
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



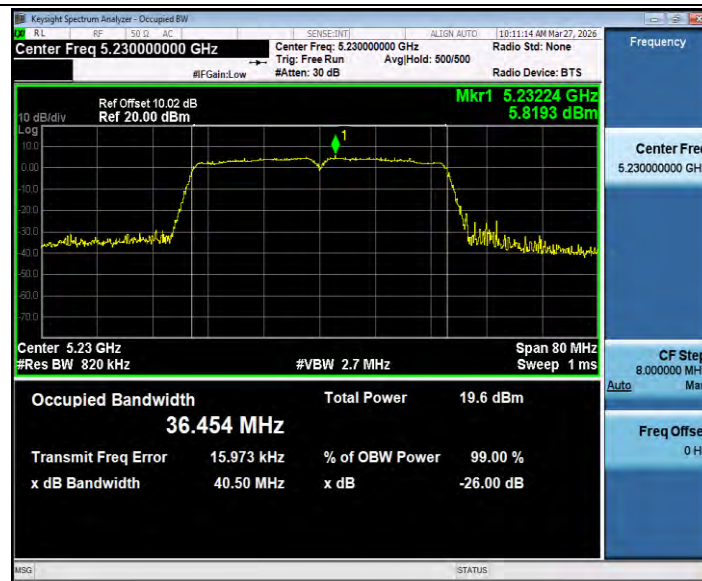
11AC20SISO_Ant1_5240



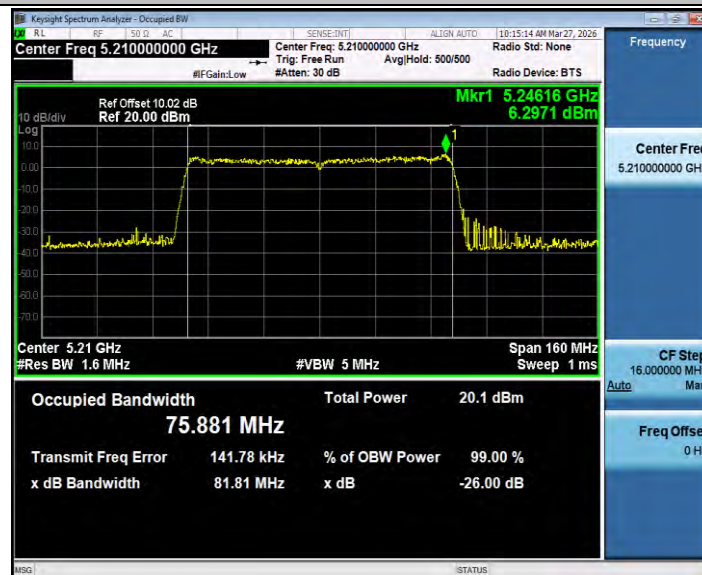
11AC40SISO_Ant1_5190



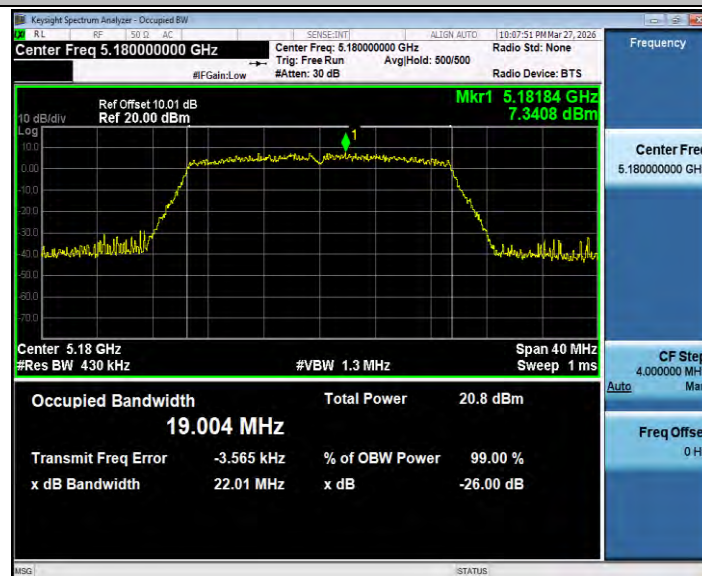
11AC40SISO_Ant1_5230



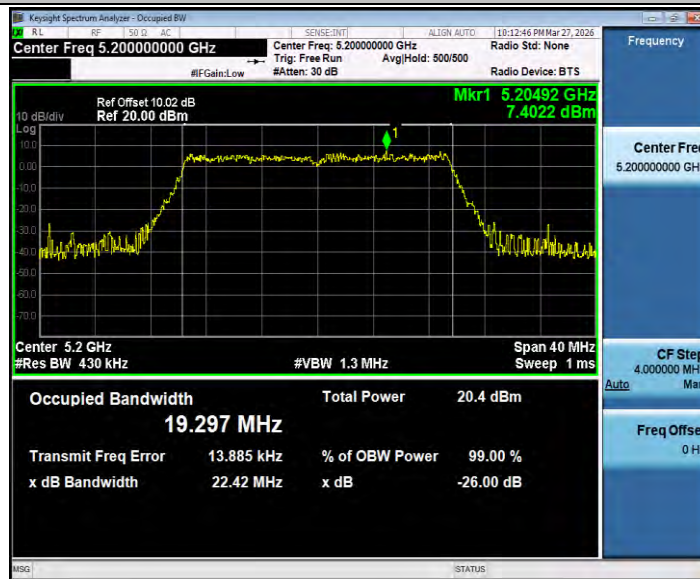
11AC80SISO_Ant1_5210



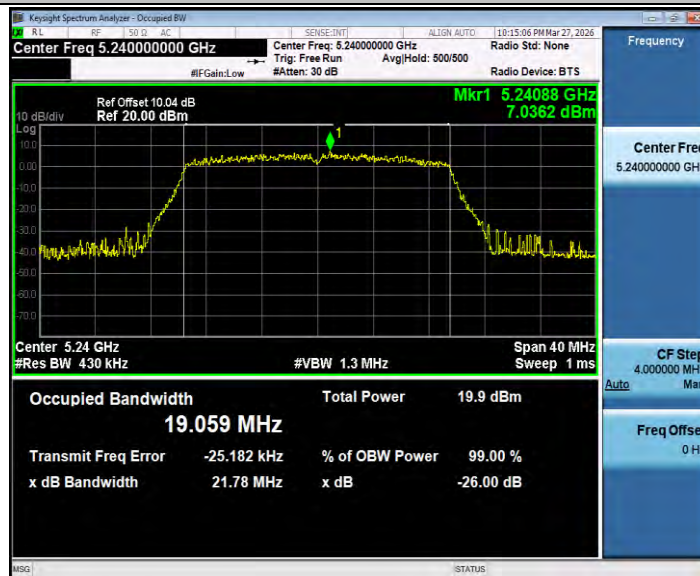
11AX20SISO_Ant1_5180



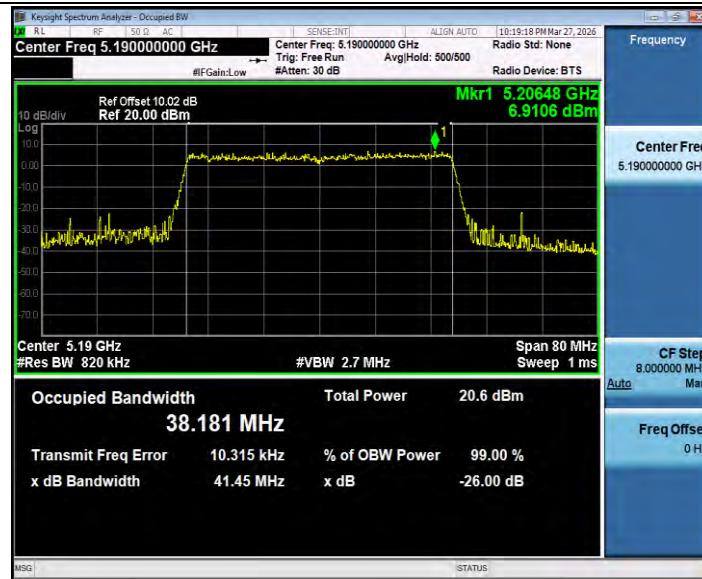
11AX20SISO_Ant1_5200



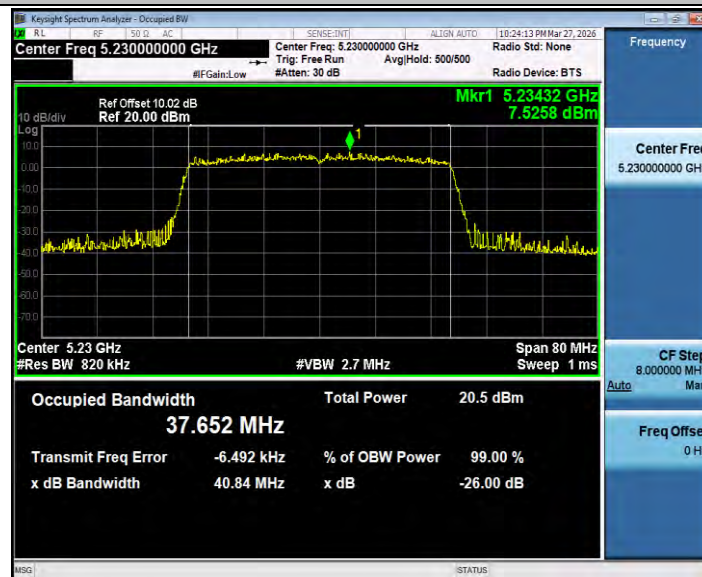
11AX20SISO_Ant1_5240



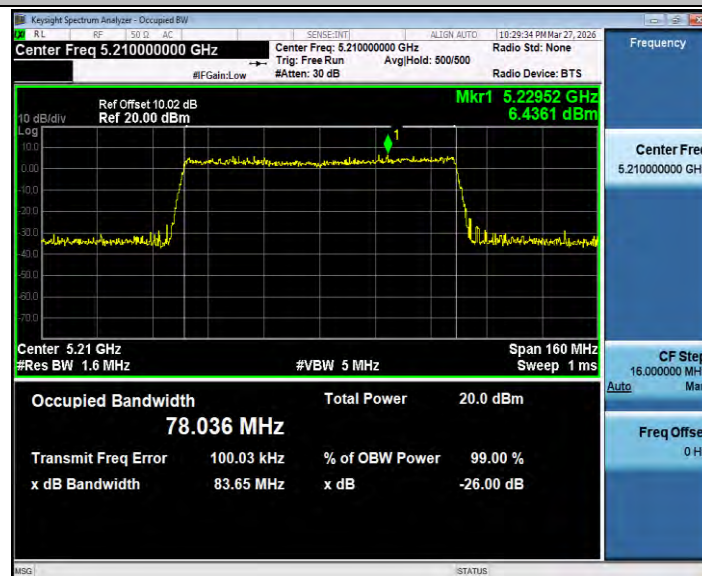
11AX40SISO_Ant1_5190



11AX40ISO_Ant1_5230



11AX80ISO_Ant1_5210

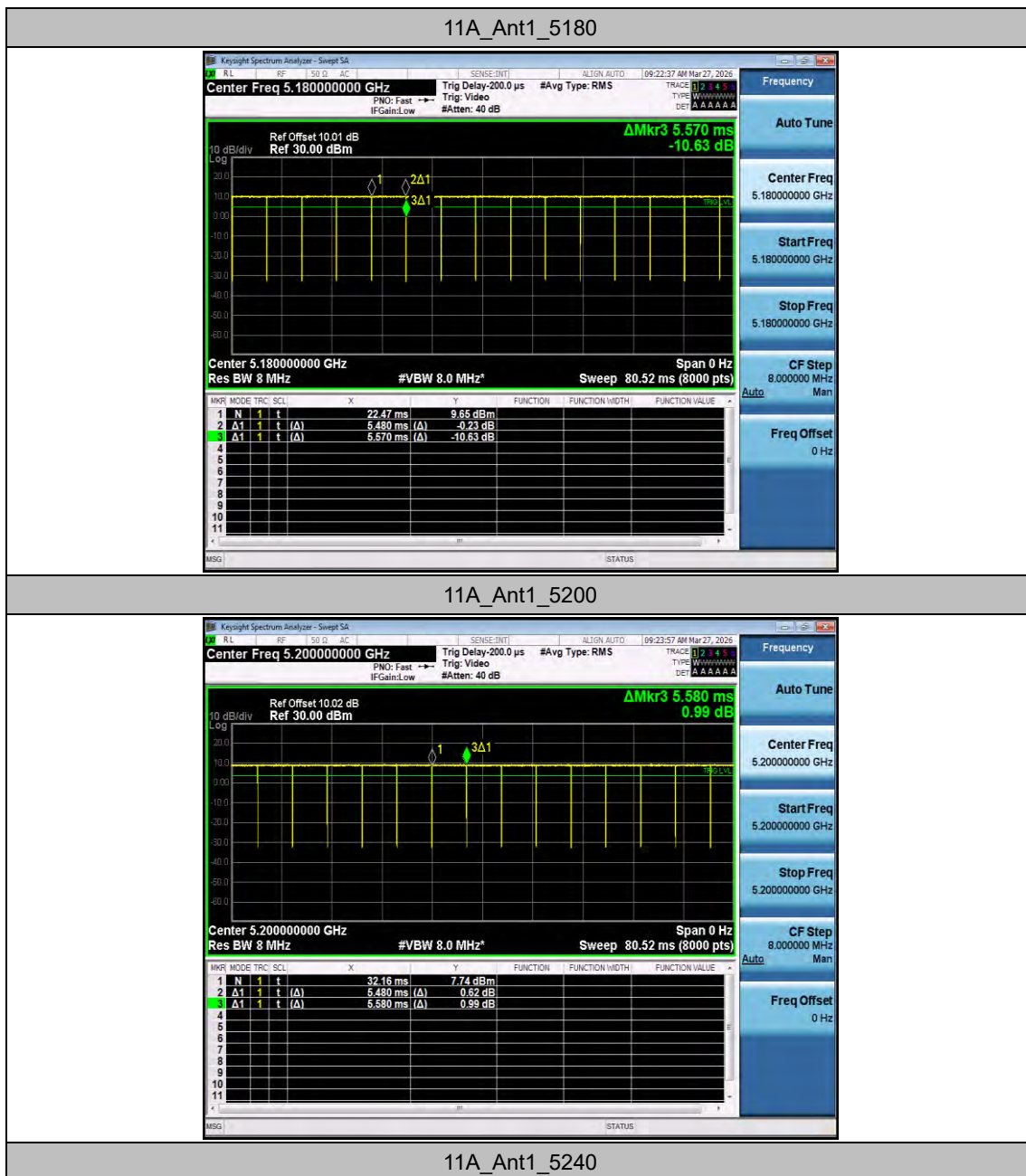


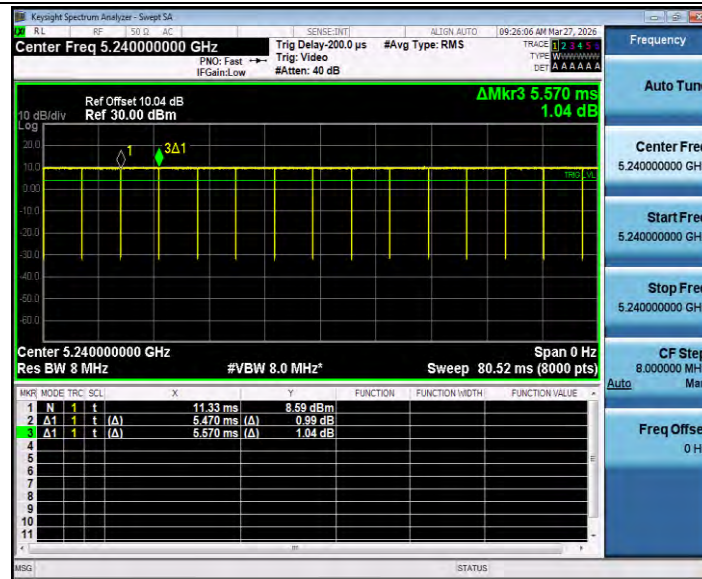
AppendixD.3: Duty Cycle

Test Result

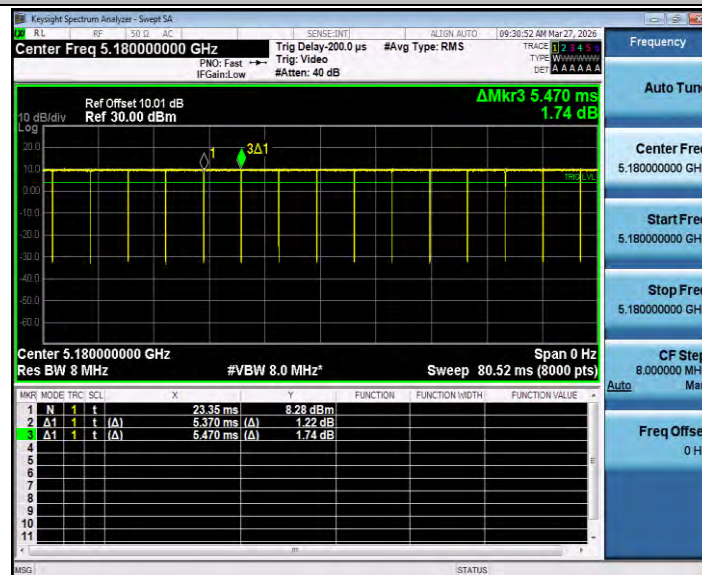
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	5.48	5.57	98.38	0.07	0.18
		5200	5.48	5.58	98.21	0.08	0.18
		5240	5.47	5.57	98.20	0.08	0.18
11N20SISO	Ant1	5180	5.37	5.47	98.17	0.08	0.19
		5200	5.36	5.46	98.17	0.08	0.19
		5240	5.37	5.46	98.35	0.07	0.19
11N40SISO	Ant1	5190	5.15	5.24	98.28	0.08	0.19
		5230	5.14	5.24	98.09	0.08	0.19
11AC20SISO	Ant1	5180	5.38	5.48	98.18	0.08	0.19
		5200	5.37	5.46	98.35	0.07	0.19
		5240	5.38	5.47	98.35	0.07	0.19
11AC40SISO	Ant1	5190	5.16	5.25	98.29	0.07	0.19
		5230	5.15	5.25	98.10	0.08	0.19
11AC80SISO	Ant1	5210	4.75	4.84	98.14	0.08	0.21
11AX20SISO	Ant1	5180	4.65	4.74	98.10	0.08	0.22
		5200	4.64	4.73	98.10	0.08	0.22
		5240	4.64	4.73	98.10	0.08	0.22
11AX40SISO	Ant1	5190	4.63	4.72	98.09	0.08	0.22
		5230	4.63	4.72	98.09	0.08	0.22
11AX80SISO	Ant1	5210	4.42	4.51	98.00	0.09	0.23

Test Graphs

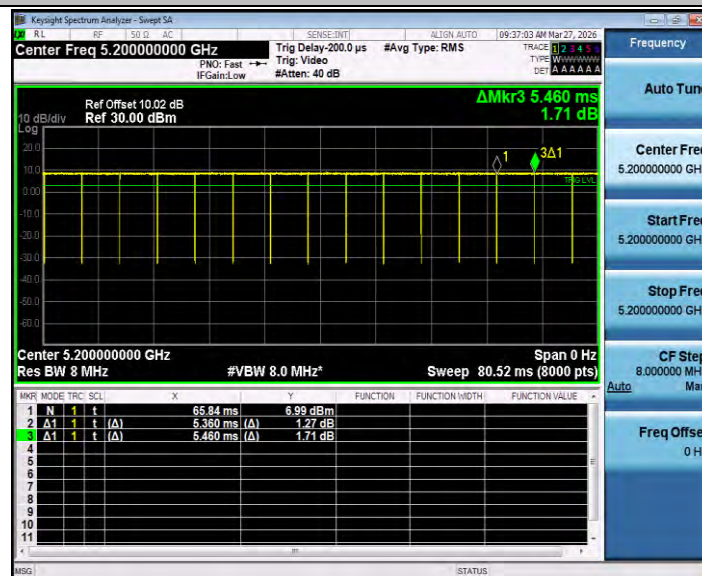




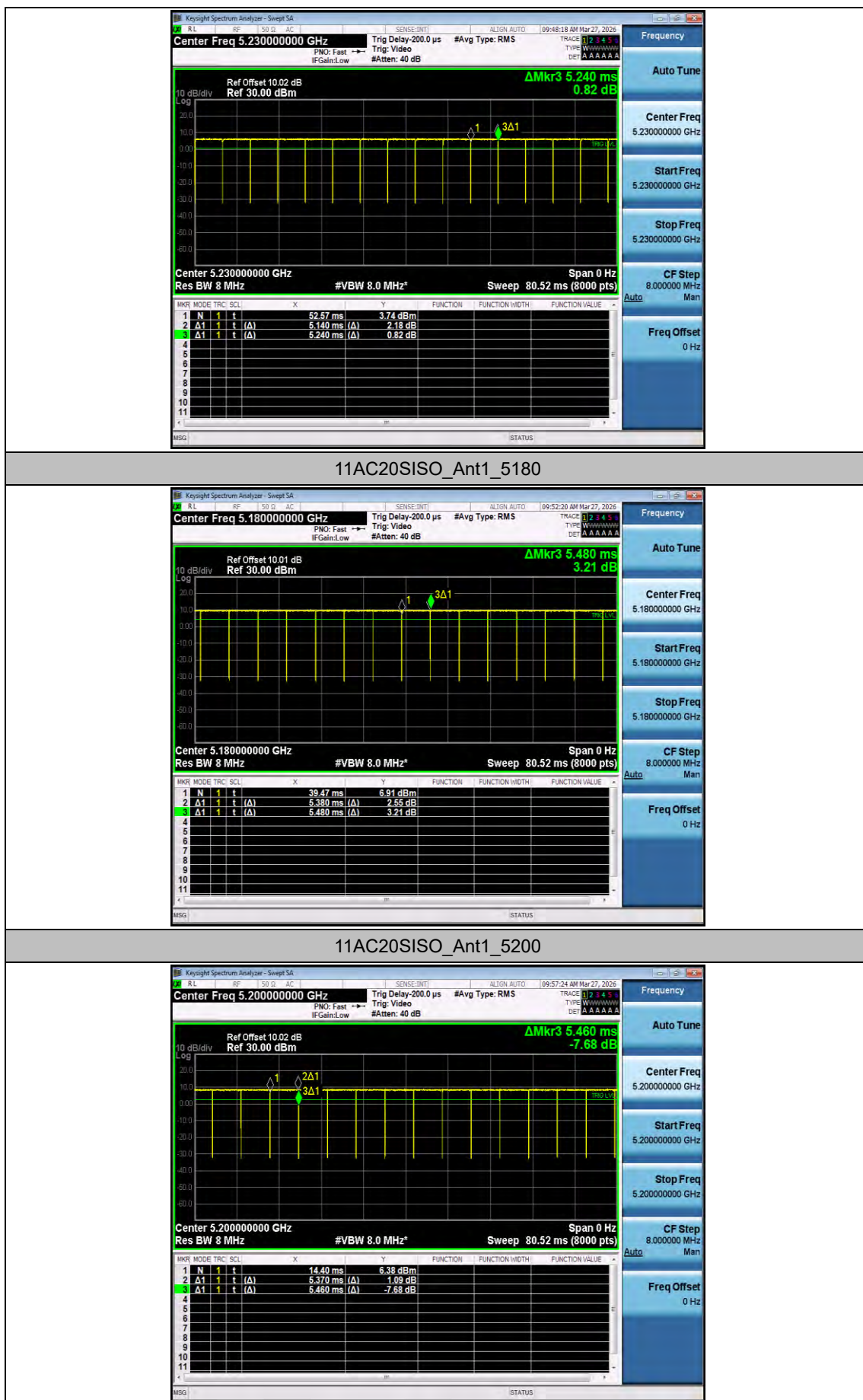
11N20SISO_Ant1_5180



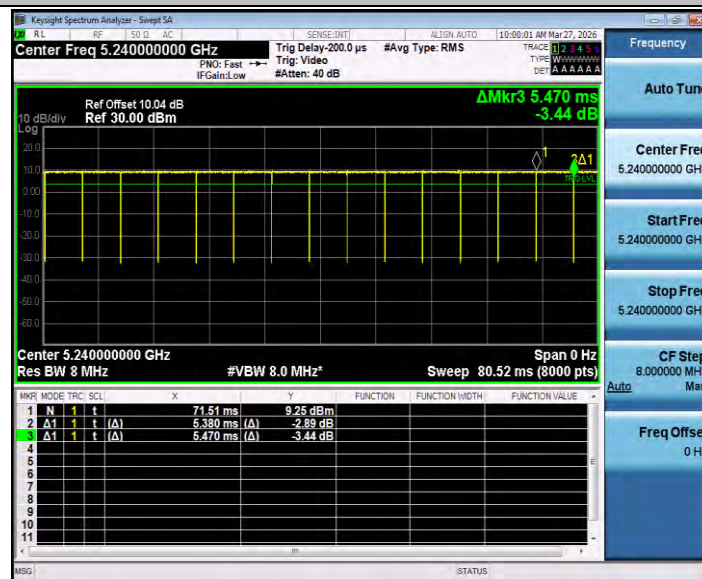
11N20SISO_Ant1_5200



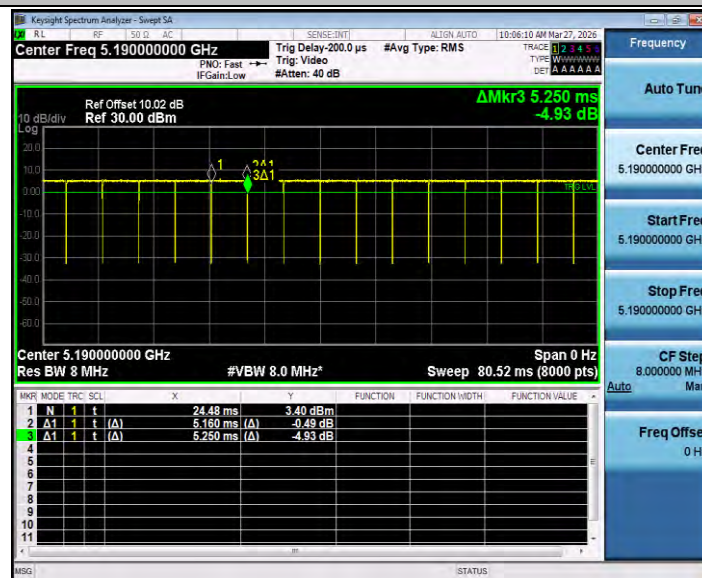




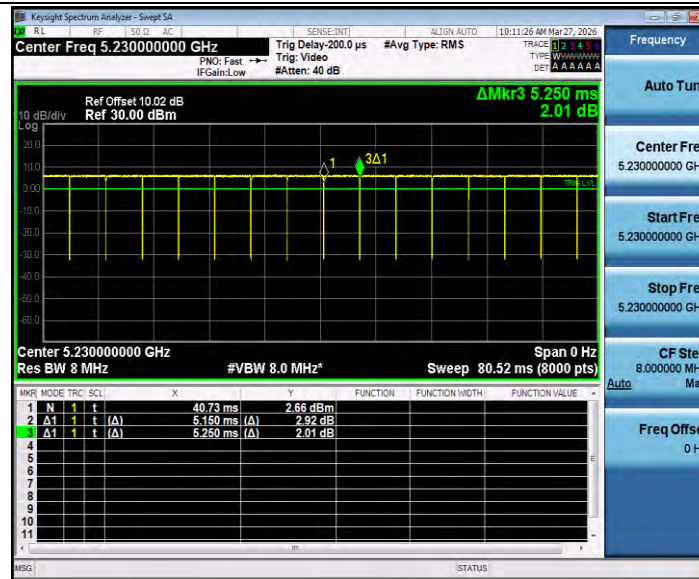
11AC20SISO_Ant1_5240



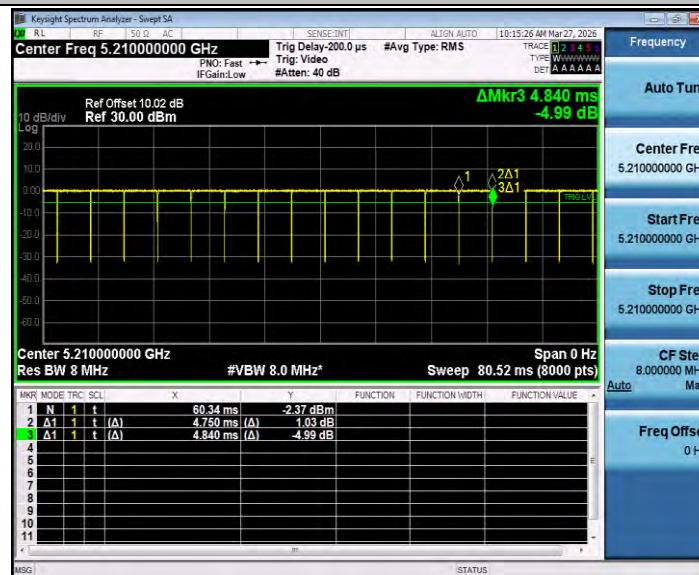
11AC40SISO_Ant1_5190



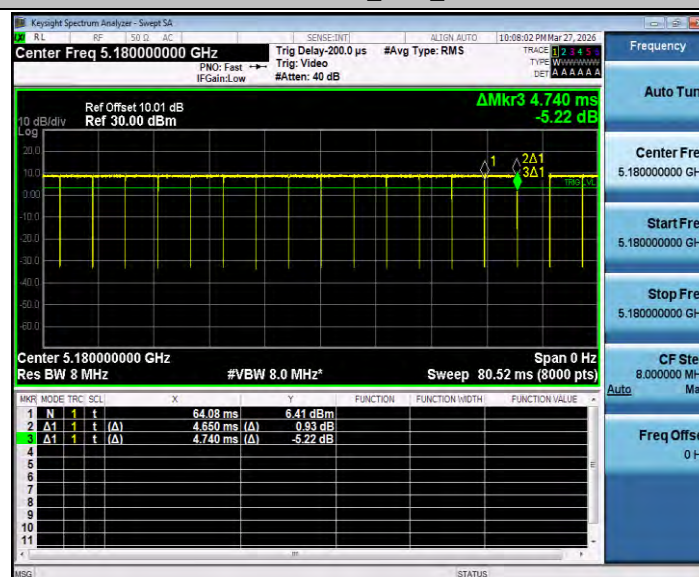
11AC40SISO_Ant1_5230



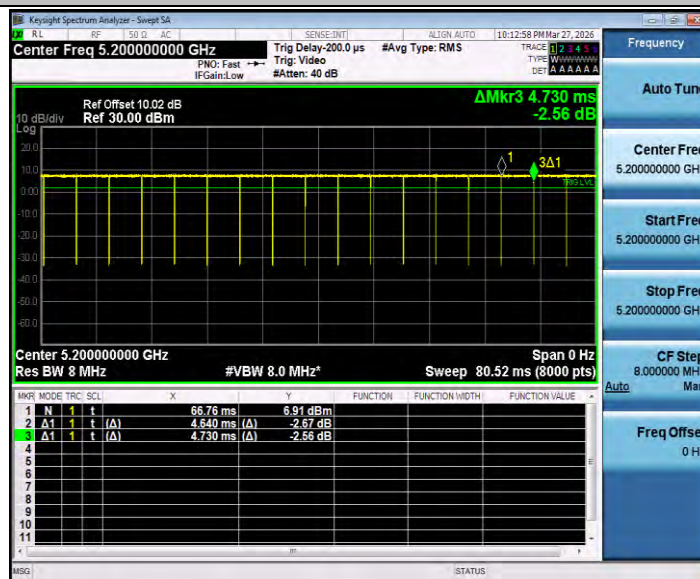
11AC80SISO_Ant1_5210



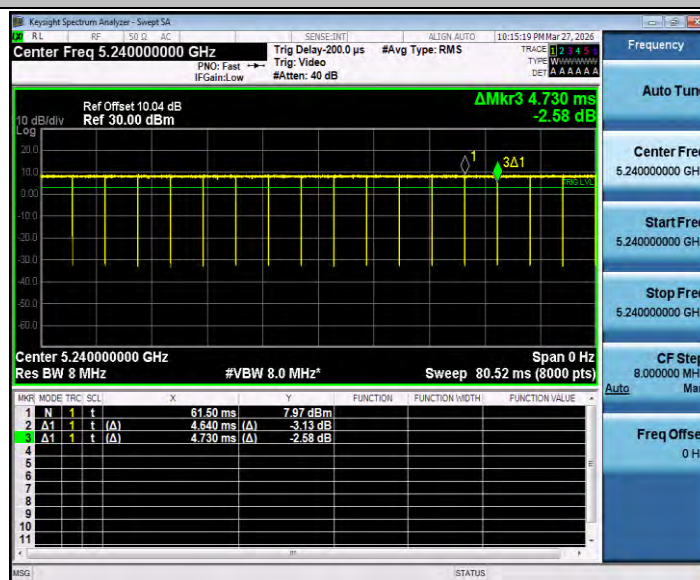
11AX20SISO_Ant1_5180



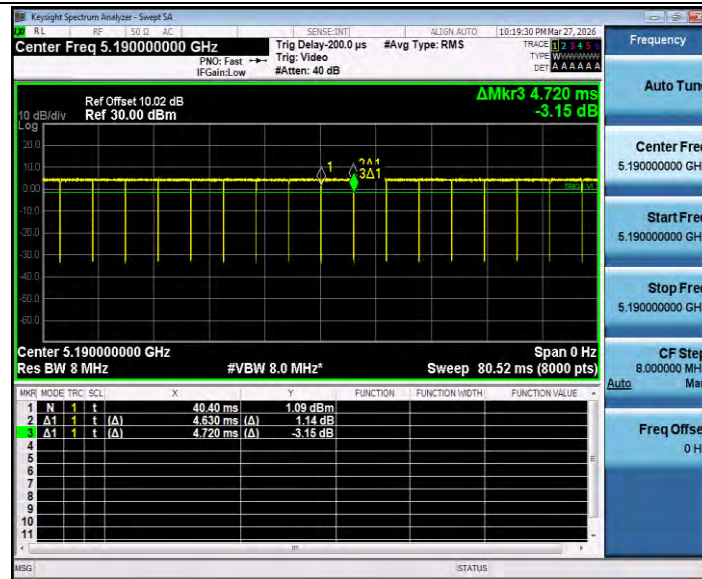
11AX20SISO_Ant1_5200



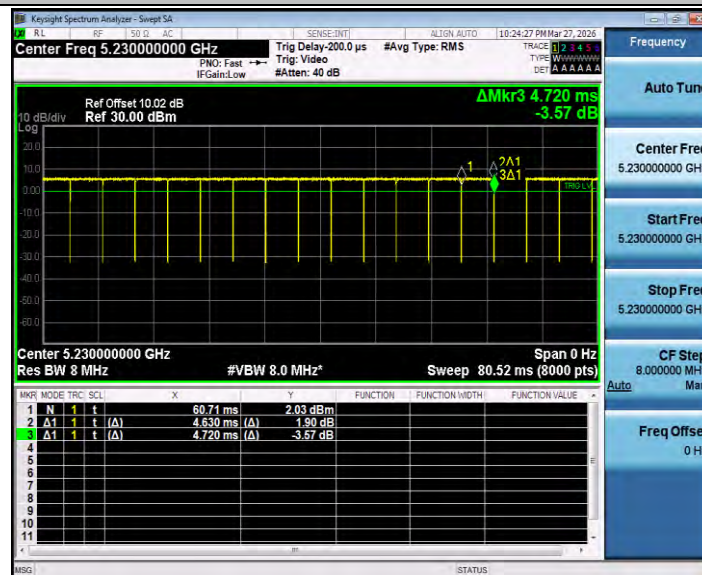
11AX20SISO_Ant1_5240



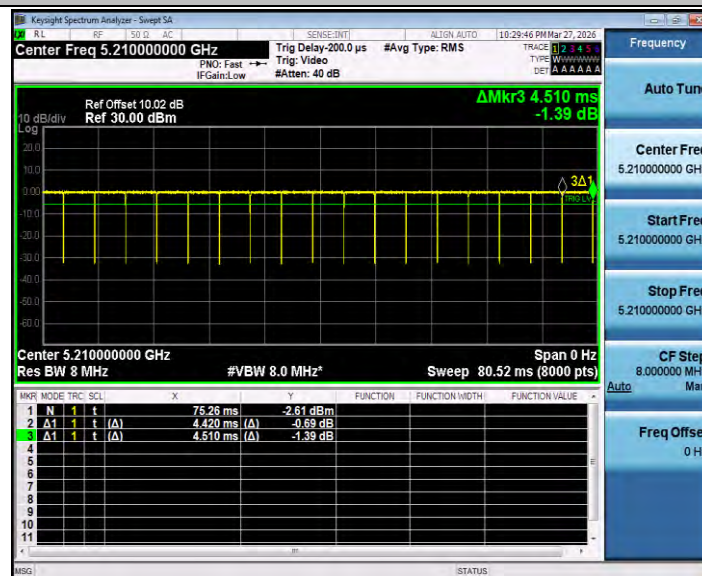
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



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	Ant1	5180	12.94	98.38	0.07	13.01	≤23.98	PASS
		5200	12.48	98.21	0.08	12.56	≤23.98	PASS
		5240	12.44	98.20	0.08	12.52	≤23.98	PASS
11N20SISO	Ant1	5180	12.80	98.17	0.08	12.88	≤23.98	PASS
		5200	12.34	98.17	0.08	12.42	≤23.98	PASS
		5240	12.28	98.35	0.07	12.35	≤23.98	PASS
11N40SISO	Ant1	5190	12.52	98.28	0.08	12.60	≤23.98	PASS
		5230	12.26	98.09	0.08	12.34	≤23.98	PASS
11AC20SISO	Ant1	5180	12.77	98.18	0.08	12.85	≤23.98	PASS
		5200	12.38	98.35	0.07	12.45	≤23.98	PASS
		5240	12.25	98.35	0.07	12.32	≤23.98	PASS
11AC40SISO	Ant1	5190	12.45	98.29	0.07	12.52	≤23.98	PASS
		5230	12.23	98.10	0.08	12.31	≤23.98	PASS
11AC80SISO	Ant1	5210	10.88	98.14	0.08	10.96	≤23.98	PASS
11AX20SISO	Ant1	5180	12.10	98.10	0.08	12.18	≤23.98	PASS
		5200	11.88	98.10	0.08	11.96	≤23.98	PASS
		5240	11.50	98.10	0.08	11.58	≤23.98	PASS
11AX40SISO	Ant1	5190	11.68	98.09	0.08	11.76	≤23.98	PASS
		5230	11.65	98.09	0.08	11.73	≤23.98	PASS
11AX80SISO	Ant1	5210	10.57	98.00	0.09	10.66	≤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	1.70	≤11.00	PASS
		5200	0.95	≤11.00	PASS
		5240	1.21	≤11.00	PASS
11N20SISO	Ant1	5180	1.26	≤11.00	PASS
		5200	0.86	≤11.00	PASS
		5240	0.88	≤11.00	PASS
11N40SISO	Ant1	5190	-1.26	≤11.00	PASS
		5230	-1.87	≤11.00	PASS
11AC20SISO	Ant1	5180	1.26	≤11.00	PASS
		5200	0.80	≤11.00	PASS
		5240	0.82	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.37	≤11.00	PASS
		5230	-1.84	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.48	≤11.00	PASS
11AX20SISO	Ant1	5180	0.57	≤11.00	PASS
		5200	-0.30	≤11.00	PASS
		5240	-0.03	≤11.00	PASS
11AX40SISO	Ant1	5190	-2.67	≤11.00	PASS
		5230	-2.79	≤11.00	PASS
11AX80SISO	Ant1	5210	-6.31	≤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_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



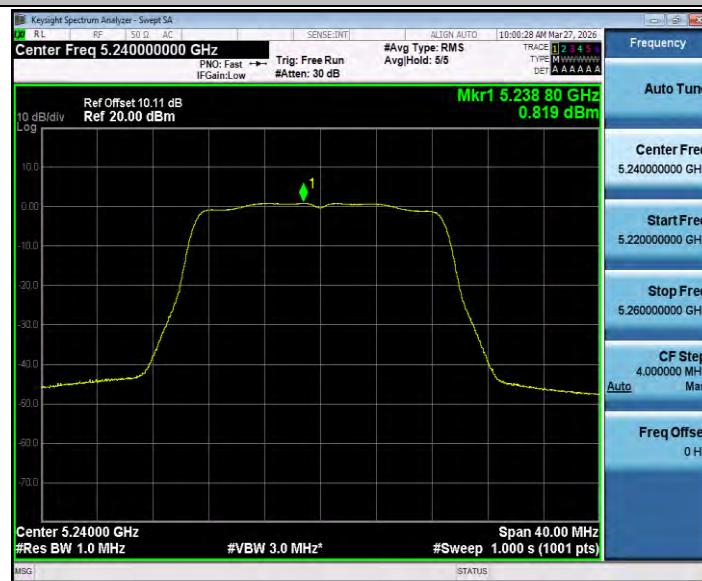
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

