

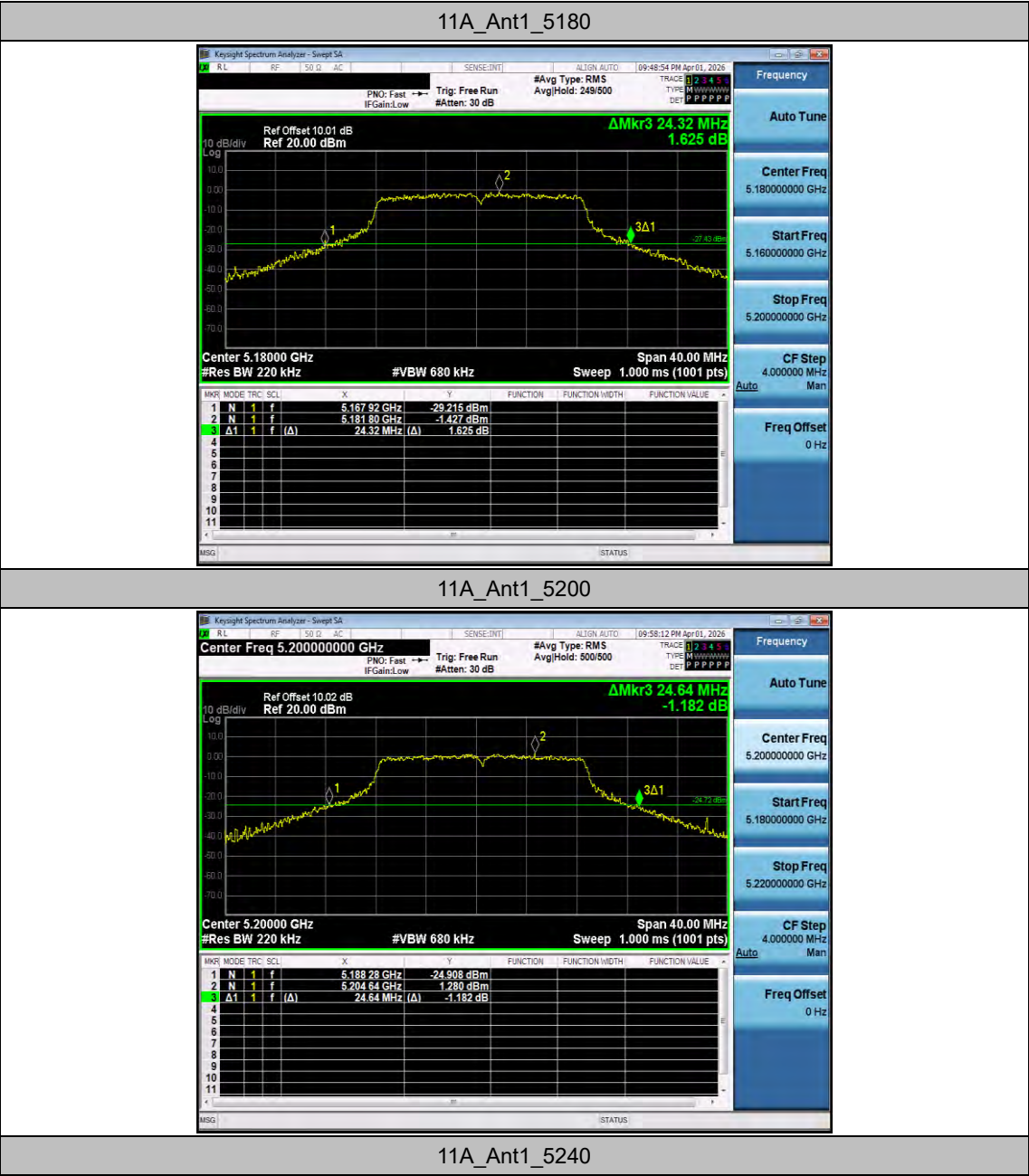
Case No. : <u>GTS20260312012-1-11</u>
Ambient Condition: <u>24</u> °C, <u>51</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.3.16-2026.4.7</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.320	5167.920	5192.240	---	---
		5200	24.640	5188.280	5212.920	---	---
		5240	26.160	5226.520	5252.680	---	---
11N20SISO	Ant1	5180	25.360	5167.360	5192.720	---	---
		5200	26.240	5187.200	5213.440	---	---
		5240	25.600	5227.160	5252.760	---	---
11N40SISO	Ant1	5190	45.920	5167.440	5213.360	---	---
		5230	45.840	5207.680	5253.520	---	---
11AC20SISO	Ant1	5180	25.600	5167.320	5192.920	---	---
		5200	25.040	5187.520	5212.560	---	---
		5240	25.760	5227.200	5252.960	---	---
11AC40SISO	Ant1	5190	45.360	5167.600	5212.960	---	---
		5230	45.920	5206.480	5252.400	---	---
11AX20SISO	Ant1	5180	24.680	5167.760	5192.440	---	---
		5200	25.200	5187.160	5212.360	---	---
		5240	23.960	5228.160	5252.120	---	---
11AX40SISO	Ant1	5190	45.520	5167.920	5213.440	---	---
		5230	44.880	5207.520	5252.400	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



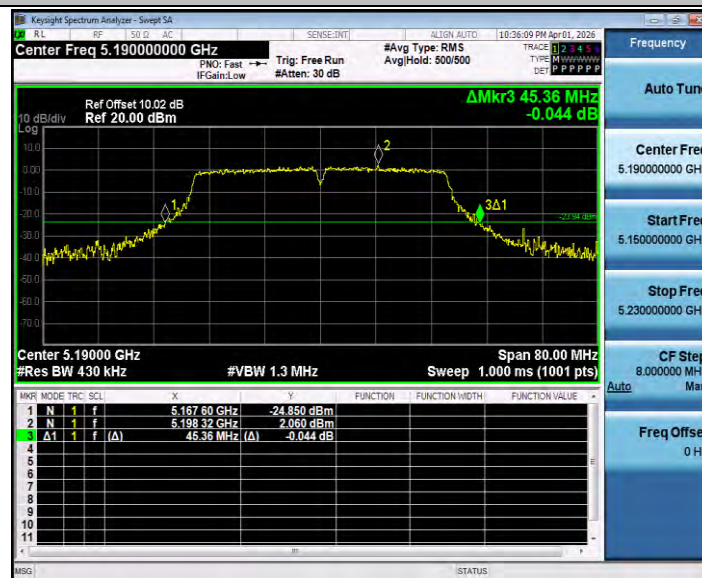
11AC20SISO_Ant1_5200



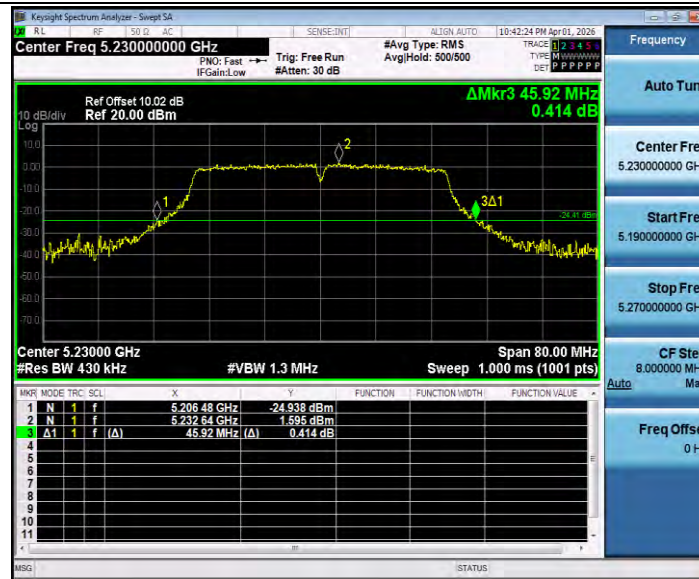
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



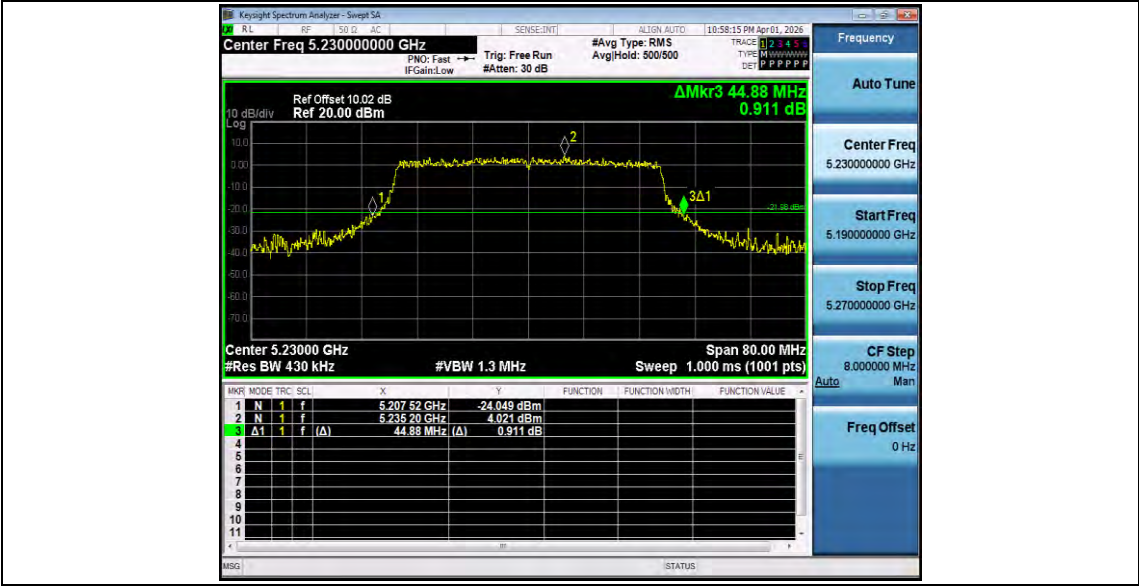
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

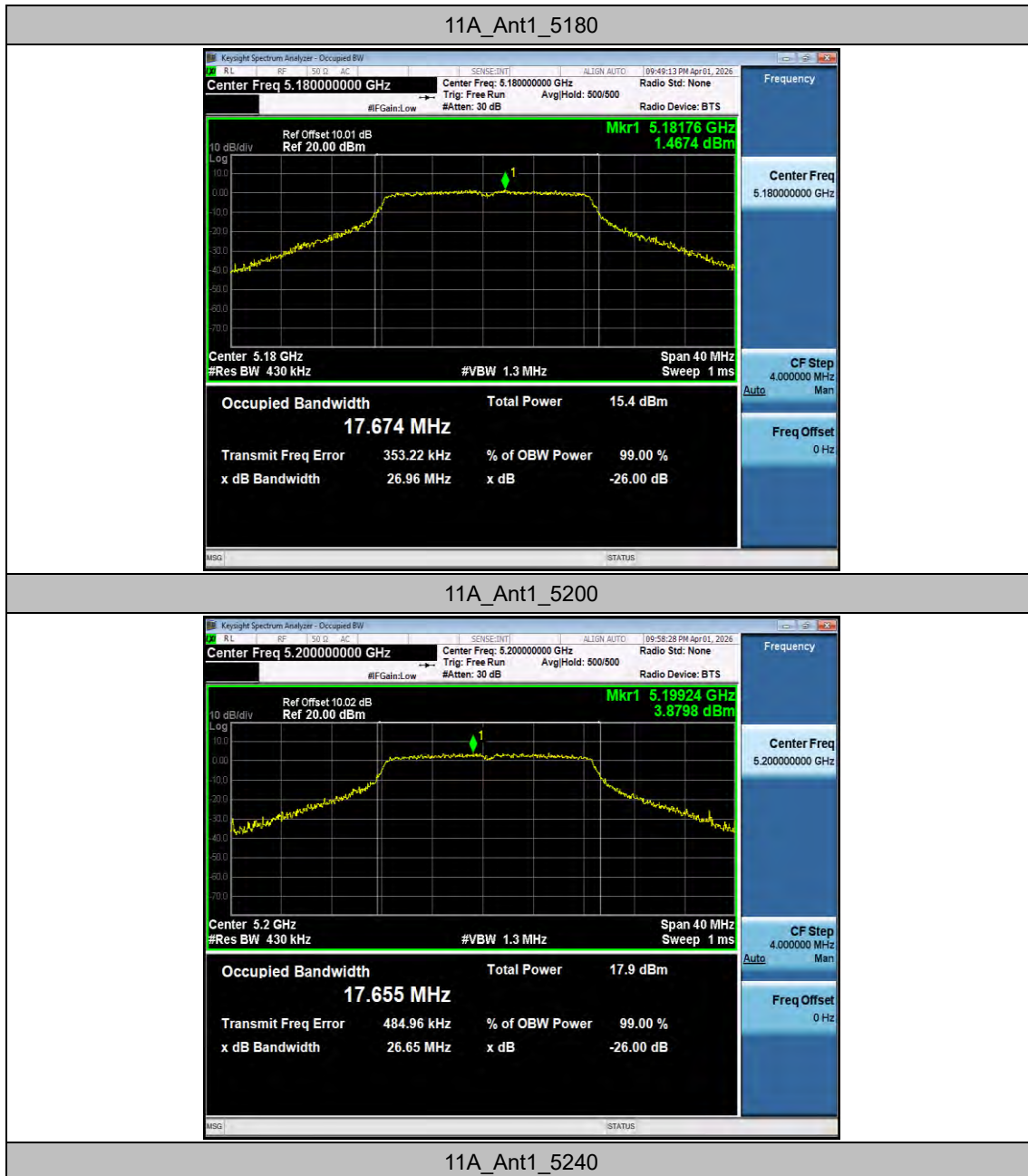


Appendix D.2: Occupied channel bandwidth

Test Result

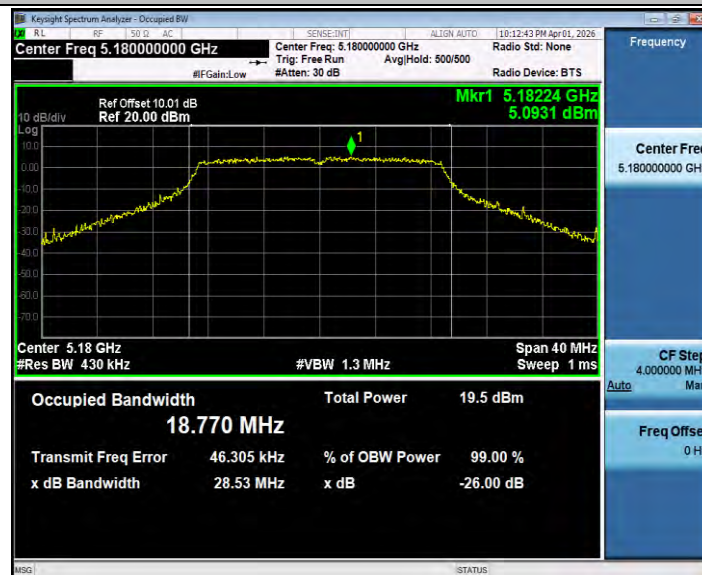
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.674	5171.5162	5189.1902	---	---
		5200	17.655	5191.6575	5209.3125	---	---
		5240	17.879	5230.9470	5248.8260	---	---
11N20SISO	Ant1	5180	18.770	5170.6613	5189.4313	---	---
		5200	18.779	5190.6821	5209.4611	---	---
		5240	18.672	5230.6383	5249.3103	---	---
11N40SISO	Ant1	5190	37.213	5171.4807	5208.6937	---	---
		5230	37.187	5211.4115	5248.5985	---	---
11AC20SISO	Ant1	5180	18.747	5170.6851	5189.4321	---	---
		5200	18.772	5190.6691	5209.4411	---	---
		5240	18.792	5230.6073	5249.3993	---	---
11AC40SISO	Ant1	5190	37.289	5171.4506	5208.7396	---	---
		5230	37.241	5211.3998	5248.6408	---	---
11AX20SISO	Ant1	5180	19.465	5170.3282	5189.7932	---	---
		5200	19.379	5190.3384	5209.7174	---	---
		5240	19.394	5230.3559	5249.7499	---	---
11AX40SISO	Ant1	5190	38.364	5170.9126	5209.2766	---	---
		5230	38.288	5210.8877	5249.1757	---	---

Test Graphs

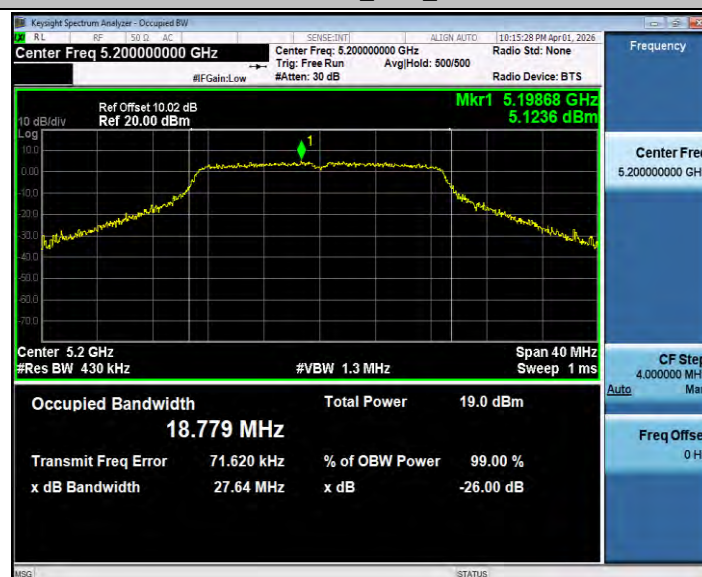




11N20SISO_Ant1_5180



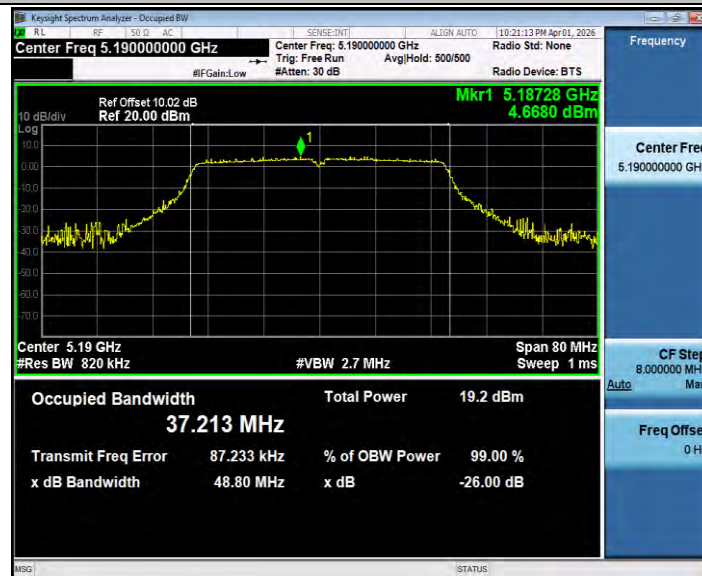
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



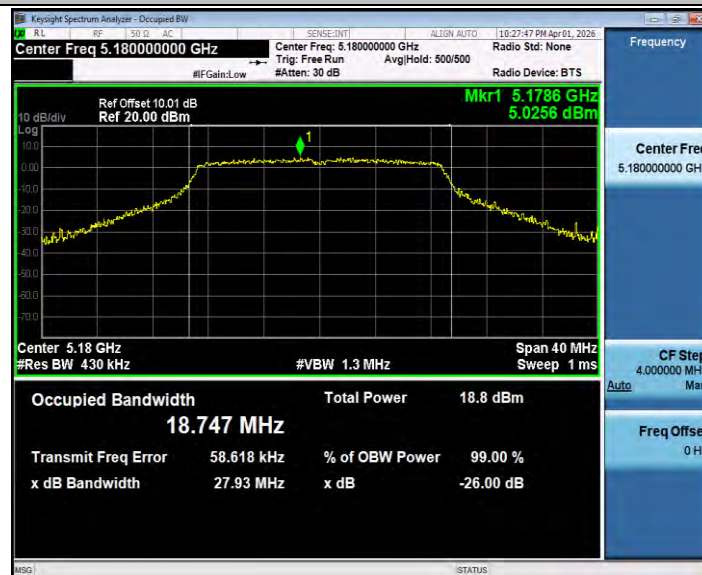
11N40SISO_Ant1_5190



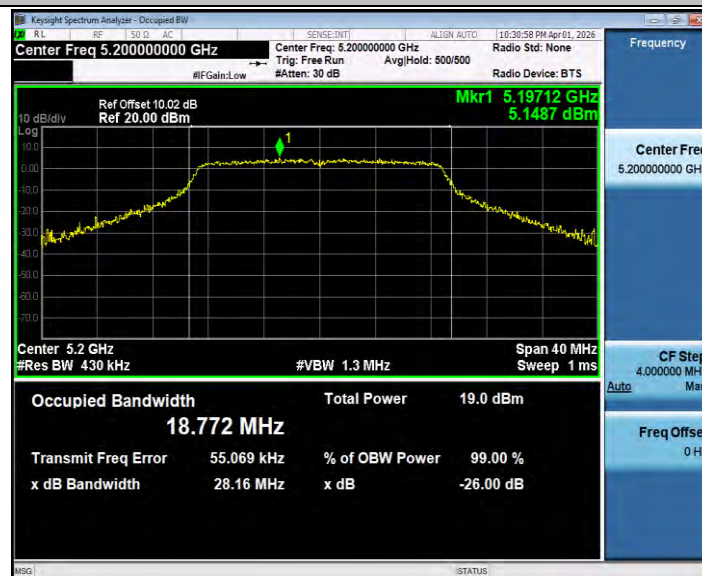
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



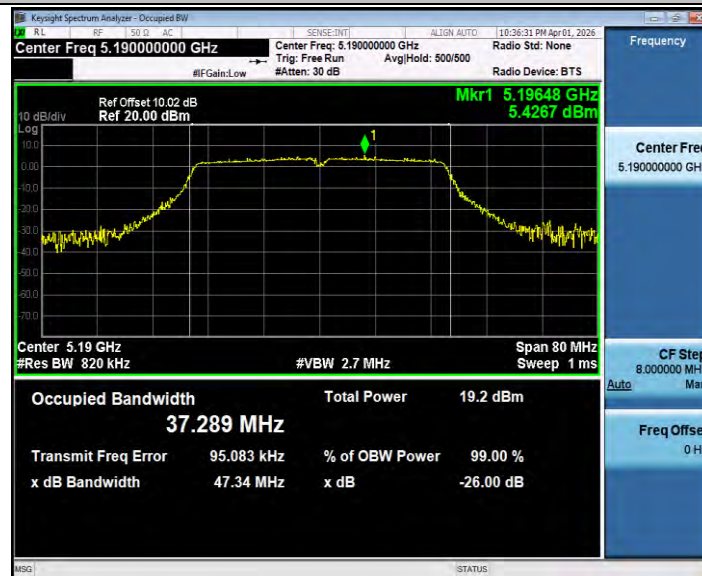
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



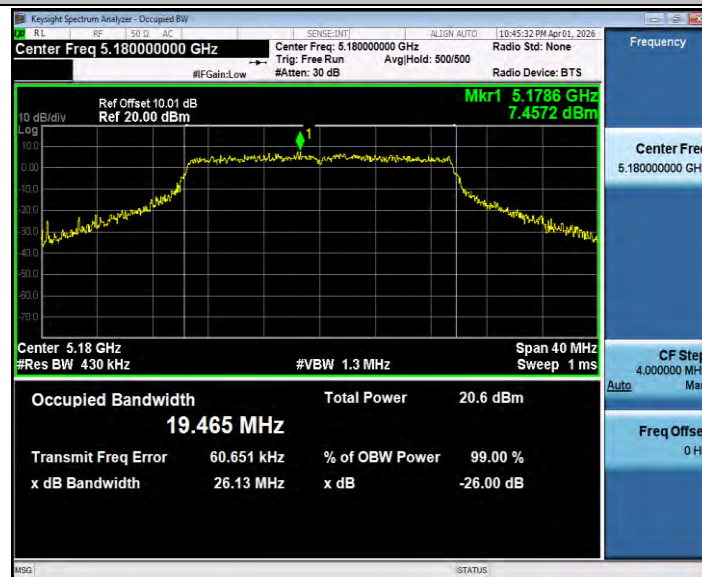
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



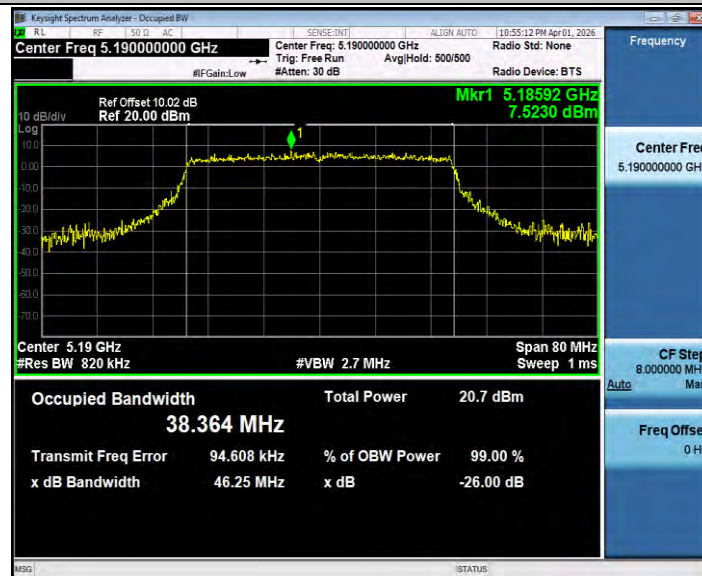
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

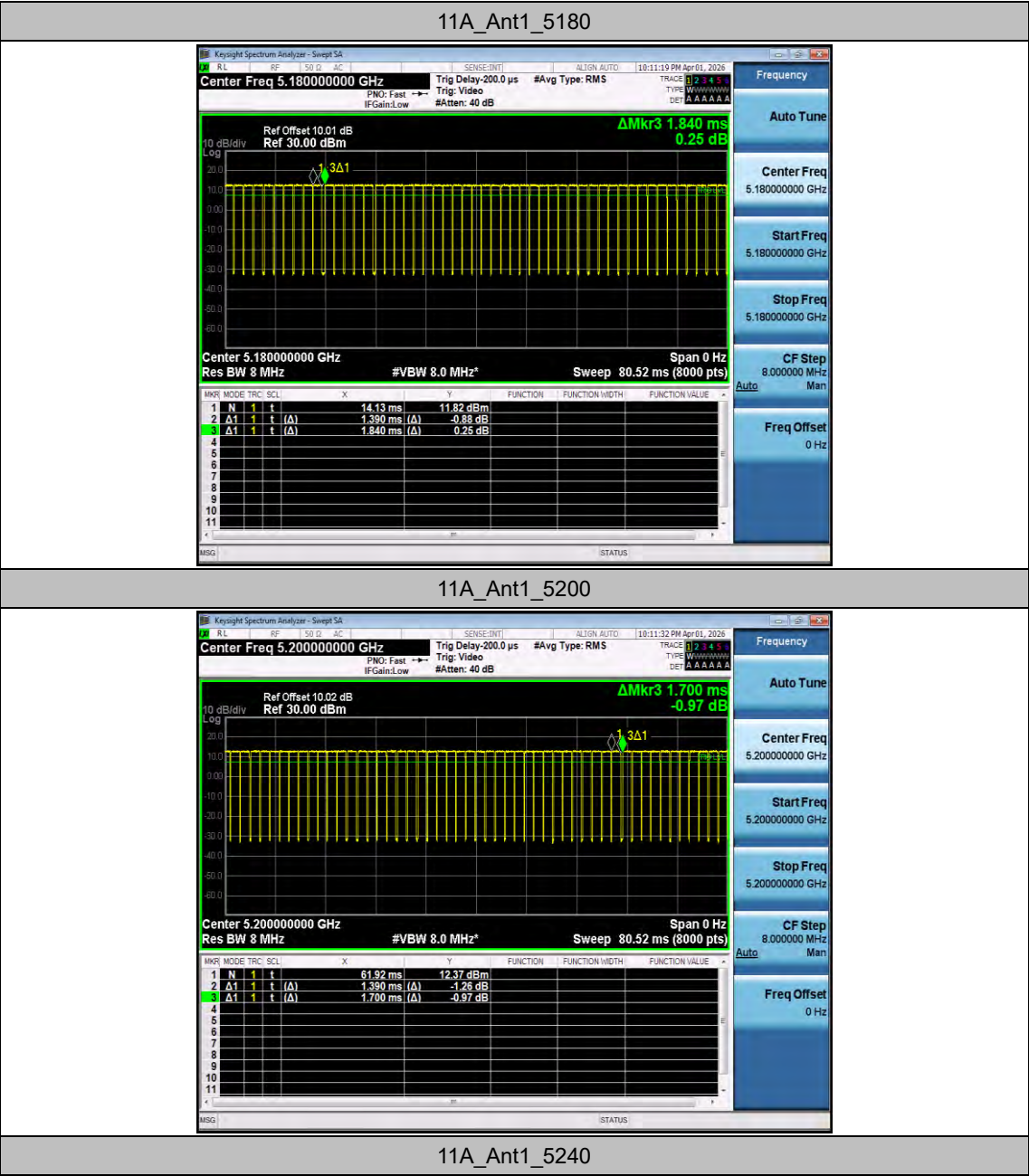


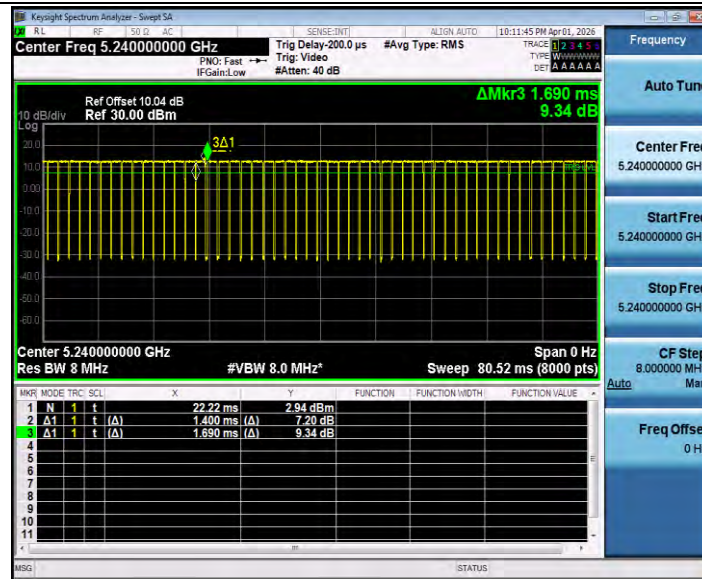
AppendixD.3: Duty Cycle

Test Result

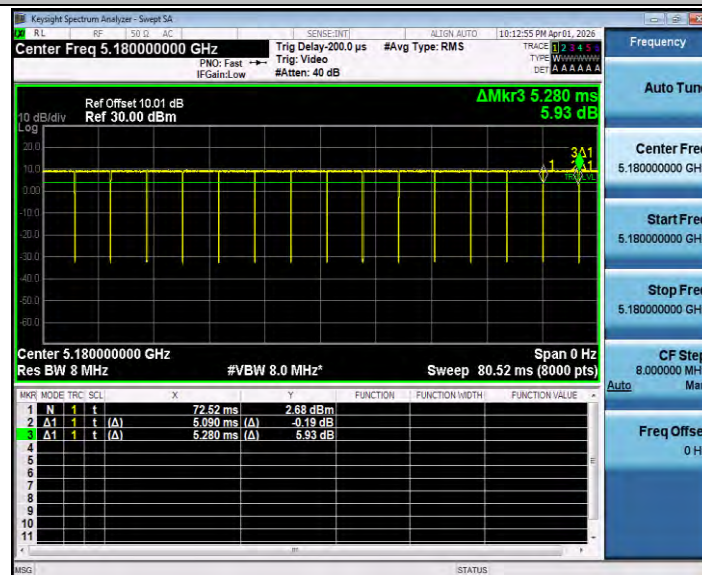
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	1.39	1.84	75.54	1.22	0.72
		5200	1.39	1.70	81.76	0.87	0.72
		5240	1.40	1.69	82.84	0.82	0.71
11N20SISO	Ant1	5180	5.09	5.28	96.40	0.16	0.20
		5200	5.09	5.48	92.88	0.32	0.20
		5240	5.08	5.31	95.67	0.19	0.20
11N40SISO	Ant1	5190	4.89	5.13	95.32	0.21	0.20
		5230	4.89	5.13	95.32	0.21	0.20
11AC20SISO	Ant1	5180	5.09	5.31	95.86	0.18	0.20
		5200	5.10	5.37	94.97	0.22	0.20
		5240	5.09	5.32	95.68	0.19	0.20
11AC40SISO	Ant1	5190	4.90	5.13	95.52	0.20	0.20
		5230	4.91	5.18	94.79	0.23	0.20
11AX20SISO	Ant1	5180	3.87	4.19	92.36	0.35	0.26
		5200	3.87	4.09	94.62	0.24	0.26
		5240	3.88	4.33	89.61	0.48	0.26
11AX40SISO	Ant1	5190	3.87	4.05	95.56	0.20	0.26
		5230	3.87	4.29	90.21	0.45	0.26

Test Graphs

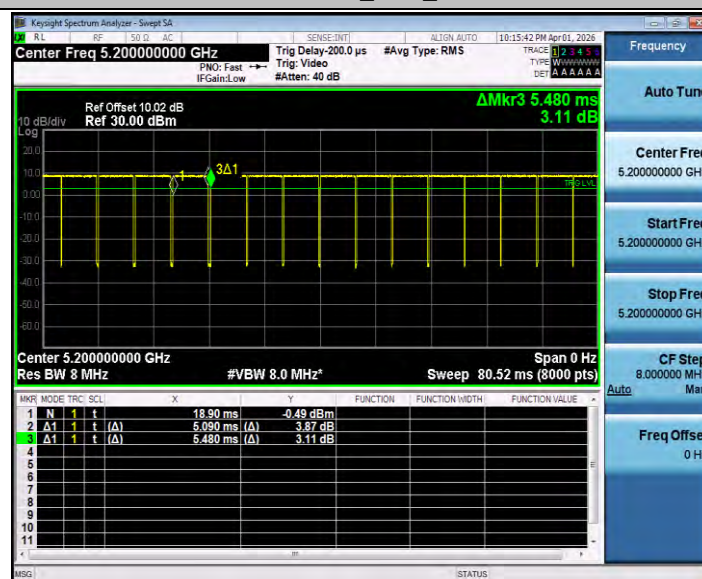


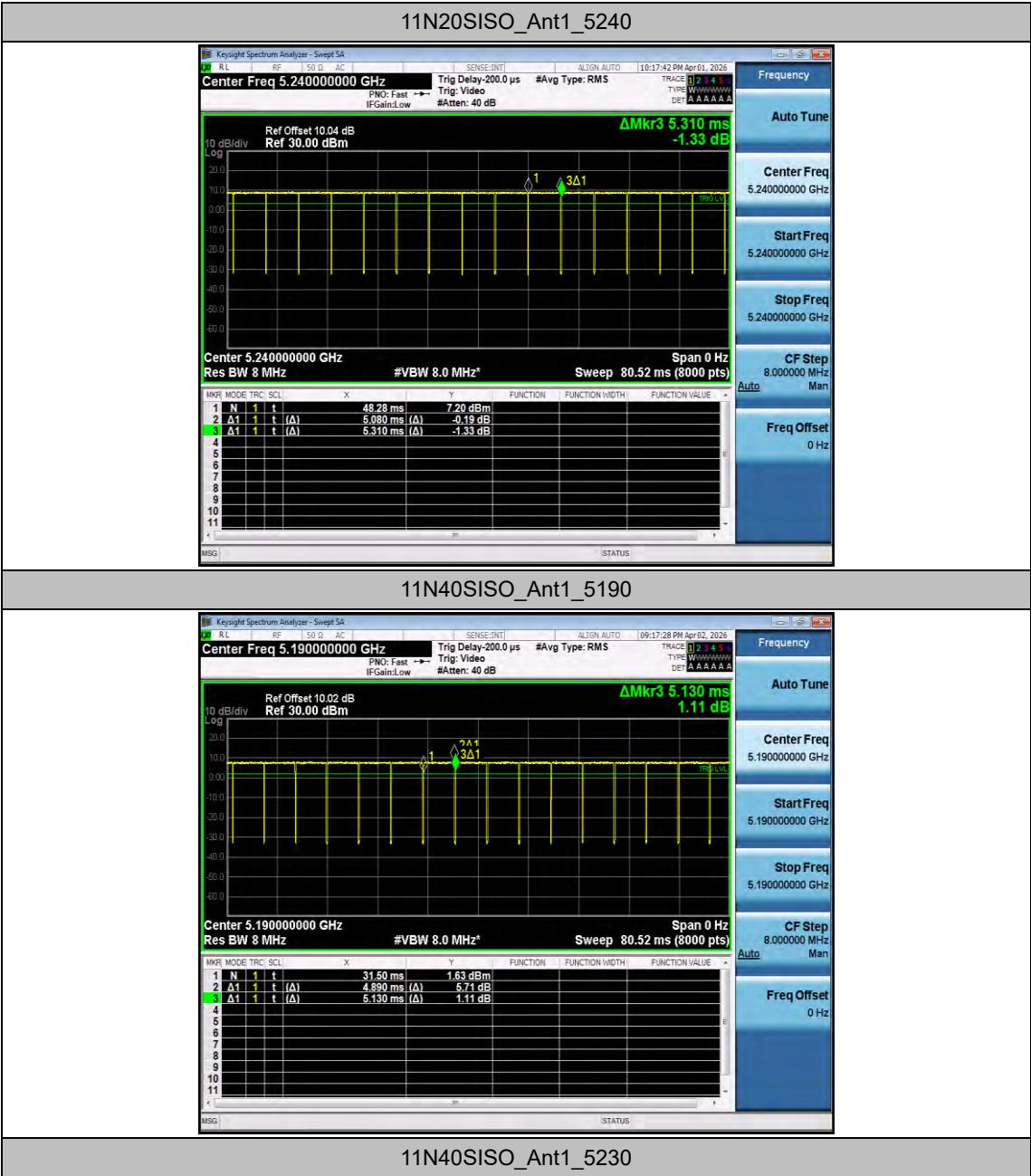


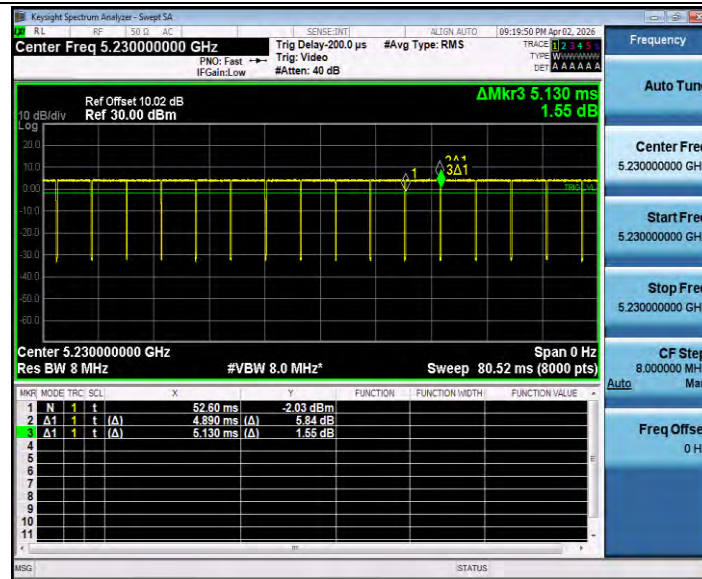
11N20SISO_Ant1_5180



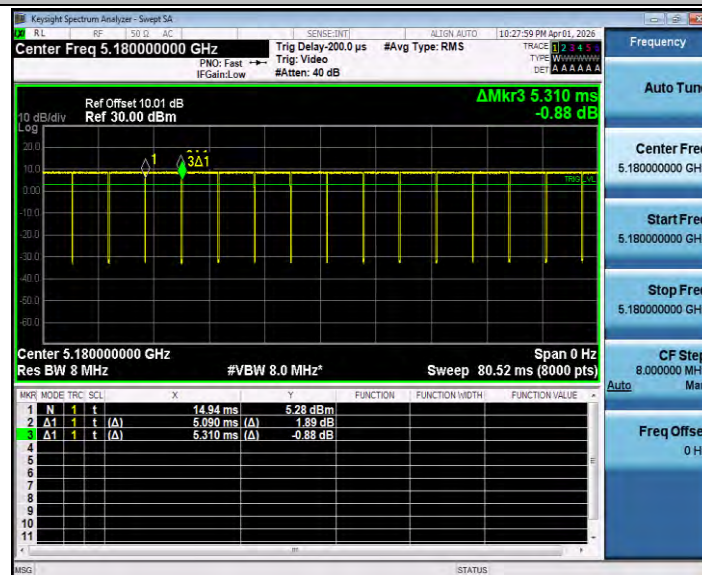
11N20SISO_Ant1_5200



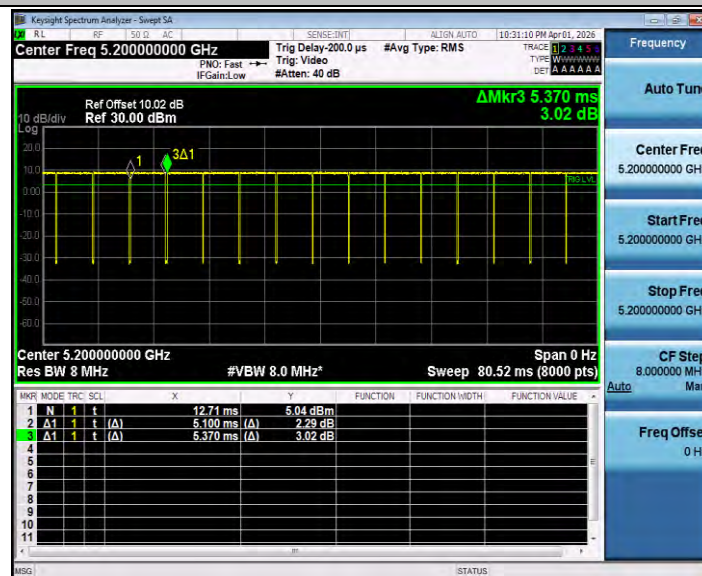




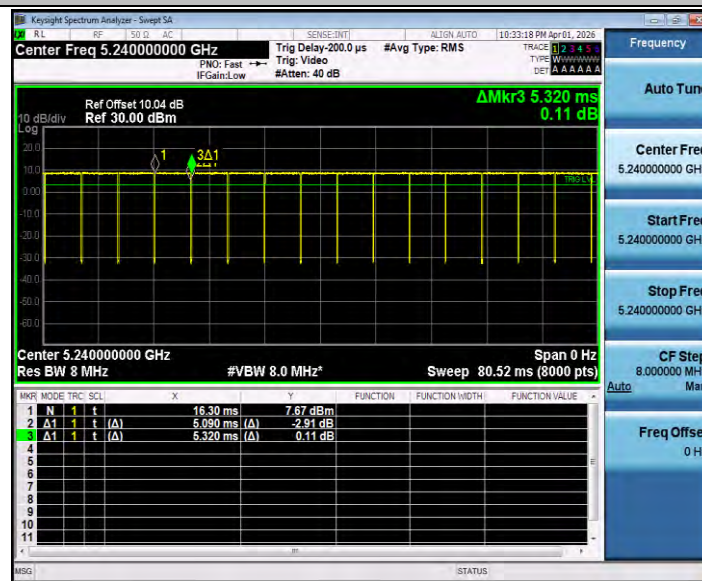
11AC20SISO_Ant1_5180



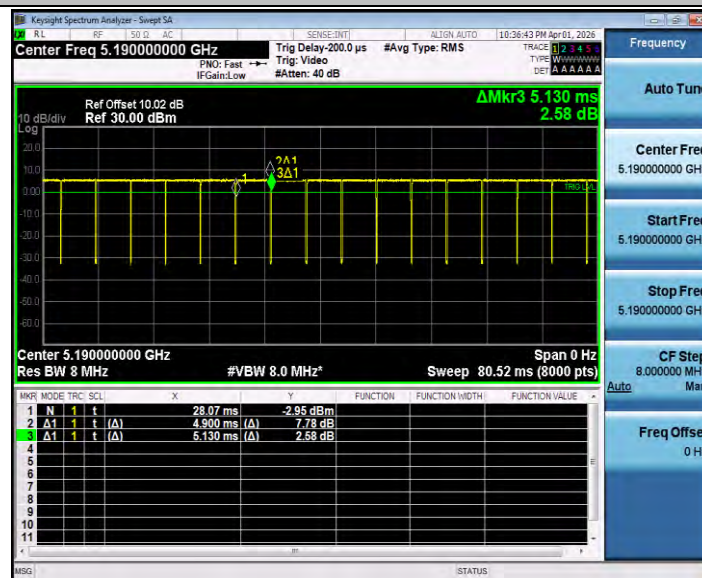
11AC20SISO_Ant1_5200



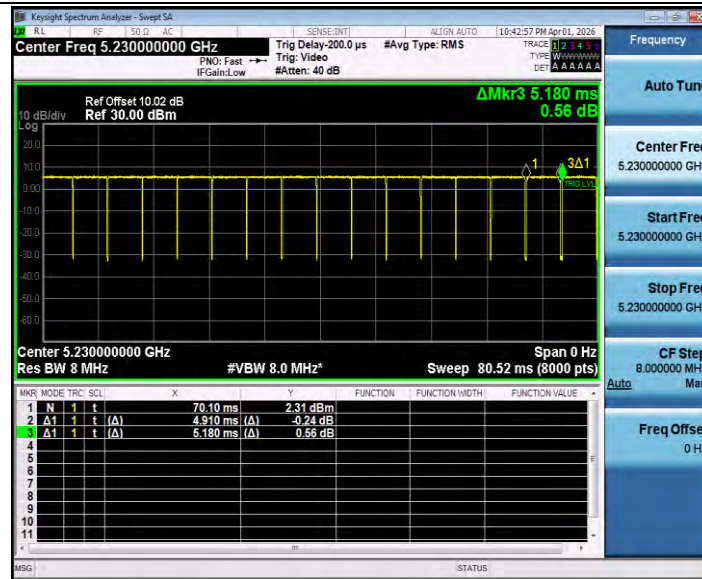
11AC20SISO_Ant1_5240



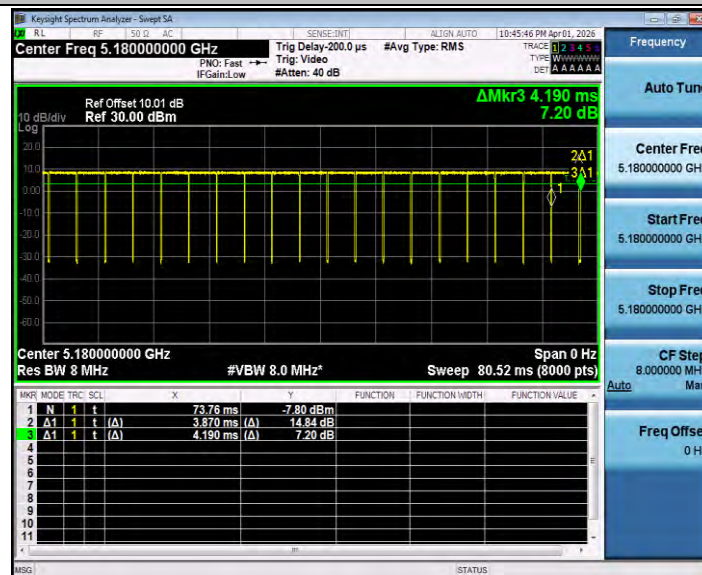
11AC40SISO_Ant1_5190



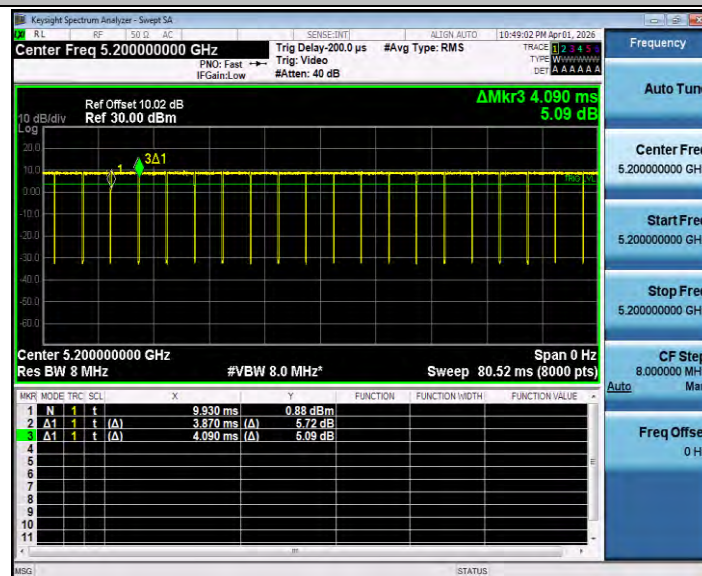
11AC40SISO_Ant1_5230

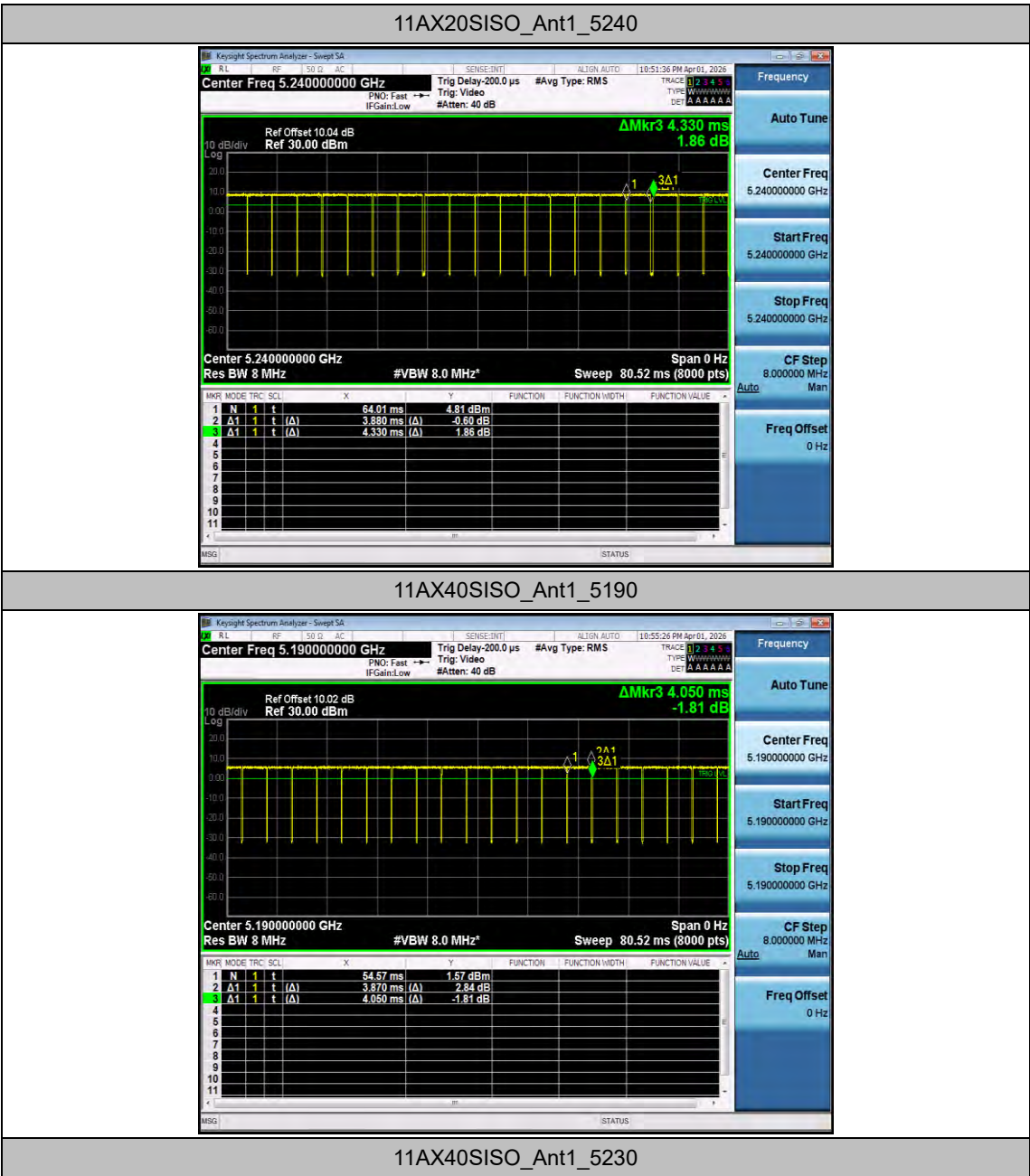


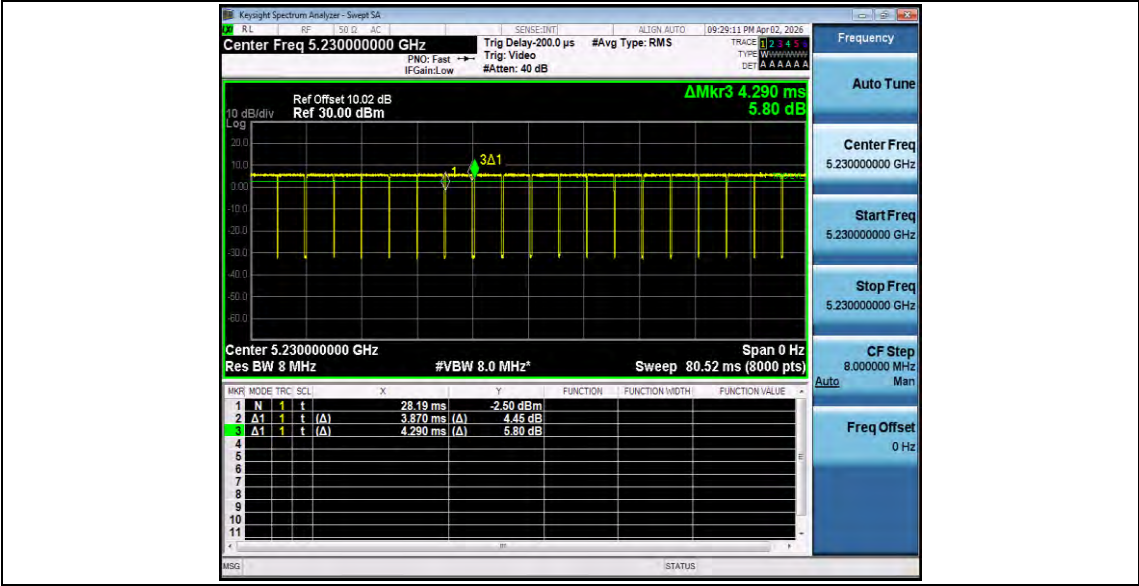
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200







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	8.05	89.10	0.50	8.55	≤23.98	PASS
		5200	10.54	88.61	0.53	11.07	≤23.98	PASS
		5240	14.83	90.32	0.44	15.27	≤23.98	PASS
11N20SISO	Ant1	5180	12.53	96.40	0.16	12.69	≤23.98	PASS
		5200	11.97	92.88	0.32	12.29	≤23.98	PASS
		5240	11.83	95.67	0.19	12.02	≤23.98	PASS
11N40SISO	Ant1	5190	11.69	70.30	1.53	13.22	≤23.98	PASS
		5230	11.73	83.76	0.77	12.50	≤23.98	PASS
11AC20SISO	Ant1	5180	11.84	95.86	0.18	12.02	≤23.98	PASS
		5200	11.96	94.97	0.22	12.18	≤23.98	PASS
		5240	11.77	95.68	0.19	11.96	≤23.98	PASS
11AC40SISO	Ant1	5190	11.69	95.52	0.20	11.89	≤23.98	PASS
		5230	11.71	94.79	0.23	11.94	≤23.98	PASS
11AX20SISO	Ant1	5180	12.07	92.36	0.35	12.42	≤23.98	PASS
		5200	12.31	94.62	0.24	12.55	≤23.98	PASS
		5240	11.94	89.61	0.48	12.42	≤23.98	PASS
11AX40SISO	Ant1	5190	11.86	95.56	0.20	12.06	≤23.98	PASS
		5230	11.79	67.54	1.70	13.49	≤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	-2.54	≤11.00	PASS
		5200	-0.01	≤11.00	PASS
		5240	4.42	≤11.00	PASS
11N20SISO	Ant1	5180	1.03	≤11.00	PASS
		5200	0.77	≤11.00	PASS
		5240	0.64	≤11.00	PASS
11N40SISO	Ant1	5190	-1.17	≤11.00	PASS
		5230	-1.78	≤11.00	PASS
11AC20SISO	Ant1	5180	0.36	≤11.00	PASS
		5200	0.64	≤11.00	PASS
		5240	0.48	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.37	≤11.00	PASS
		5230	-2.29	≤11.00	PASS
11AX20SISO	Ant1	5180	0.53	≤11.00	PASS
		5200	0.66	≤11.00	PASS
		5240	0.62	≤11.00	PASS
11AX40SISO	Ant1	5190	-2.49	≤11.00	PASS
		5230	-0.94	≤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

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



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

