

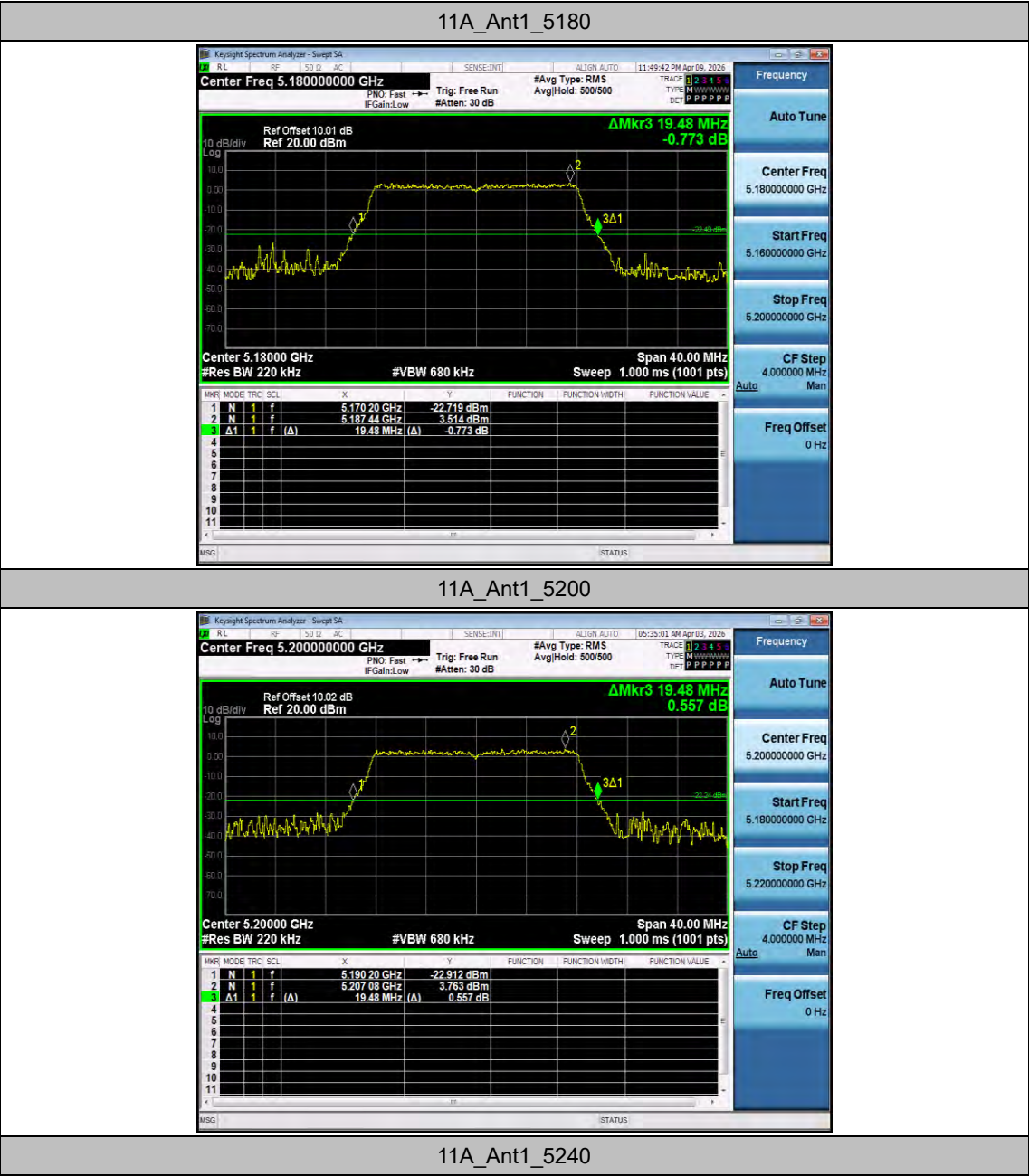
Case No. : <u>GTS20250922004-2-12</u>
Ambient Condition: <u>23</u> °C, <u>53</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.1.17-2026.4.14</u> Test Engineer: <u>Evan ouyang</u>

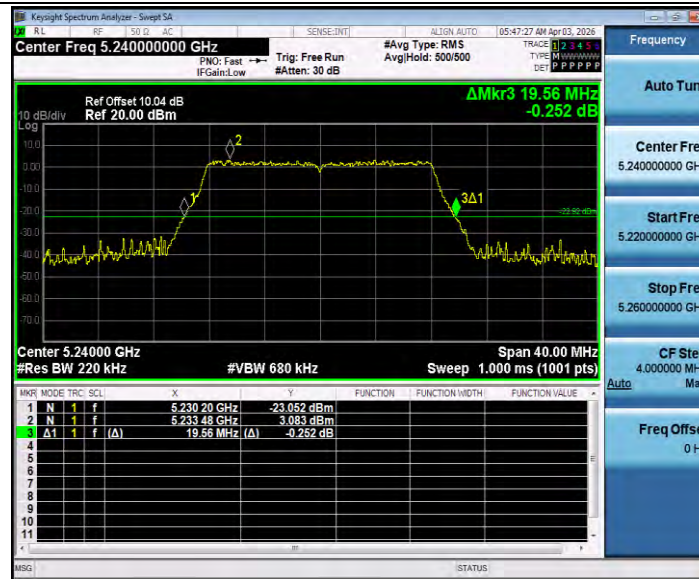
Appendix D.1: Emission Bandwidth

Test Result

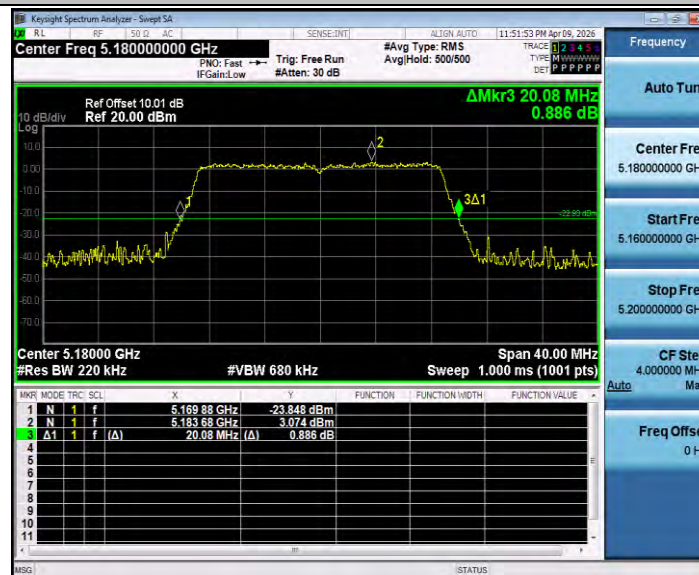
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.480	5170.200	5189.680	---	---
		5200	19.480	5190.200	5209.680	---	---
		5240	19.560	5230.200	5249.760	---	---
11N20SISO	Ant1	5180	20.080	5169.880	5189.960	---	---
		5200	20.040	5189.920	5209.960	---	---
		5240	19.920	5230.000	5249.920	---	---
11N40SISO	Ant1	5190	39.120	5170.400	5209.520	---	---
		5230	39.280	5210.480	5249.760	---	---
11AC20SISO	Ant1	5180	19.960	5170.000	5189.960	---	---
		5200	20.000	5189.920	5209.920	---	---
		5240	20.040	5229.920	5249.960	---	---
11AC40SISO	Ant1	5190	39.200	5170.480	5209.680	---	---
		5230	39.280	5210.400	5249.680	---	---
11AX20SISO	Ant1	5180	20.400	5169.800	5190.200	---	---
		5200	20.280	5189.840	5210.120	---	---
		5240	20.240	5229.840	5250.080	---	---
11AX40SISO	Ant1	5190	39.680	5170.160	5209.840	---	---
		5230	39.680	5210.240	5249.920	---	---

Test Graphs

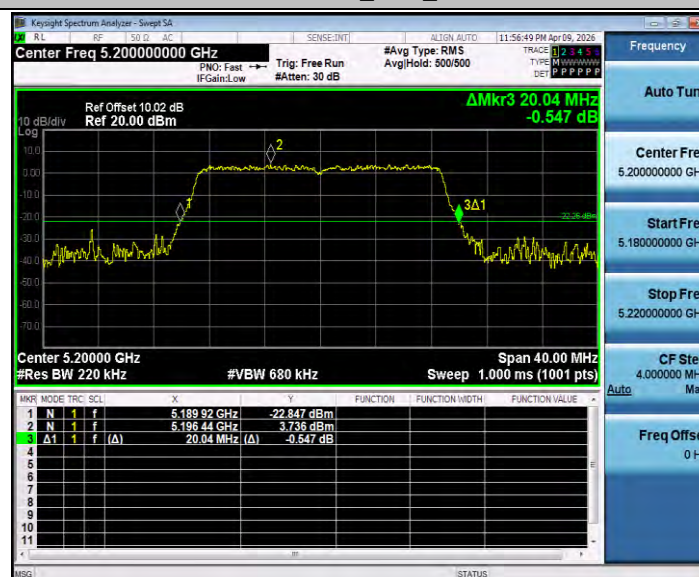




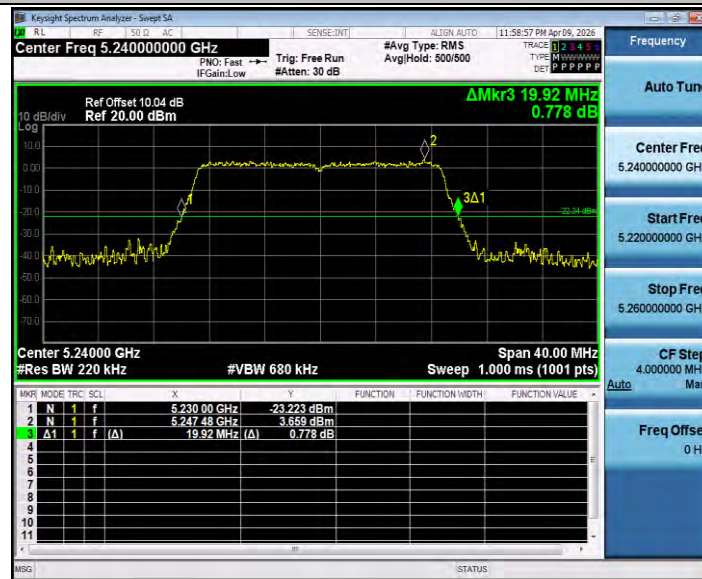
11N20SISO_Ant1_5180



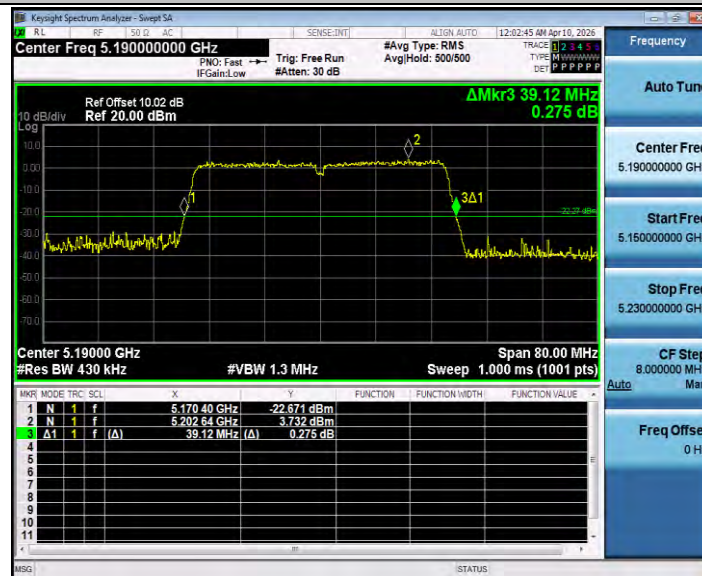
11N20SISO_Ant1_5200



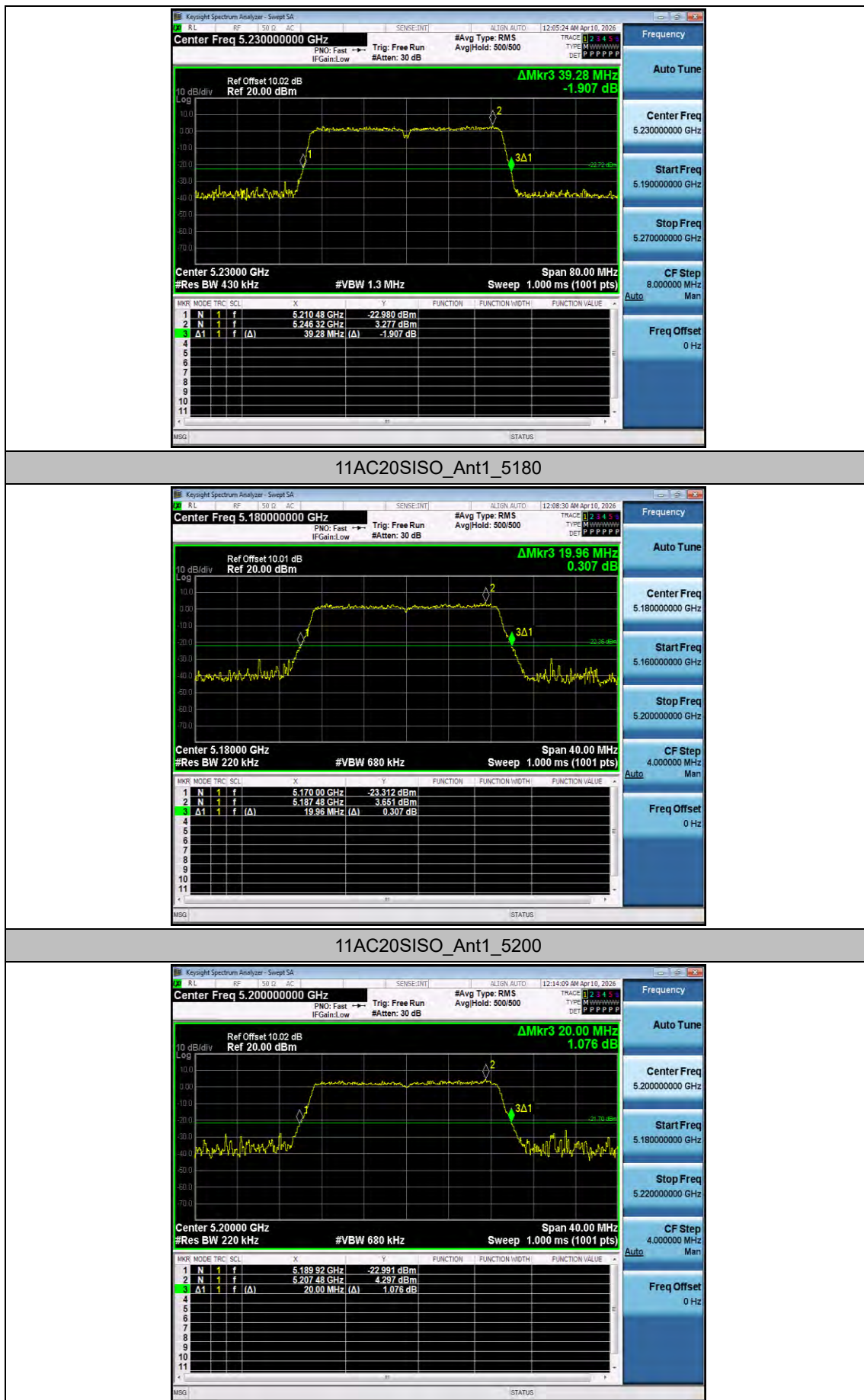
11N20SISO_Ant1_5240



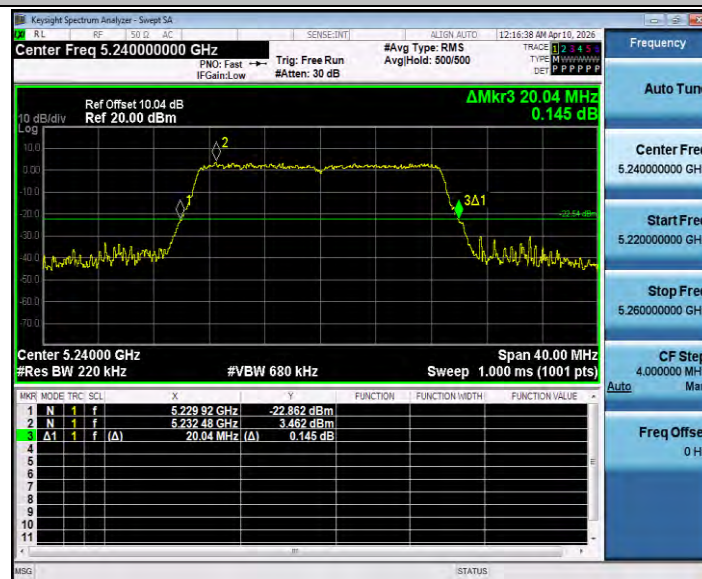
11N40SISO_Ant1_5190



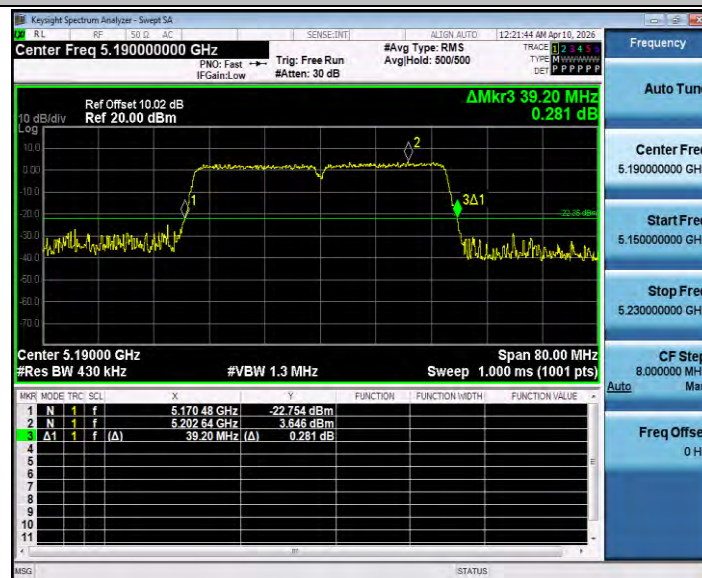
11N40SISO_Ant1_5230



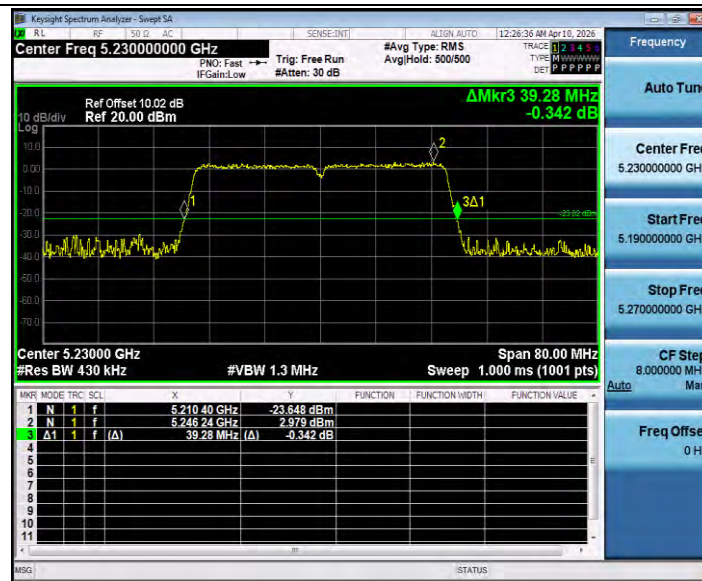
11AC20SISO_Ant1_5240



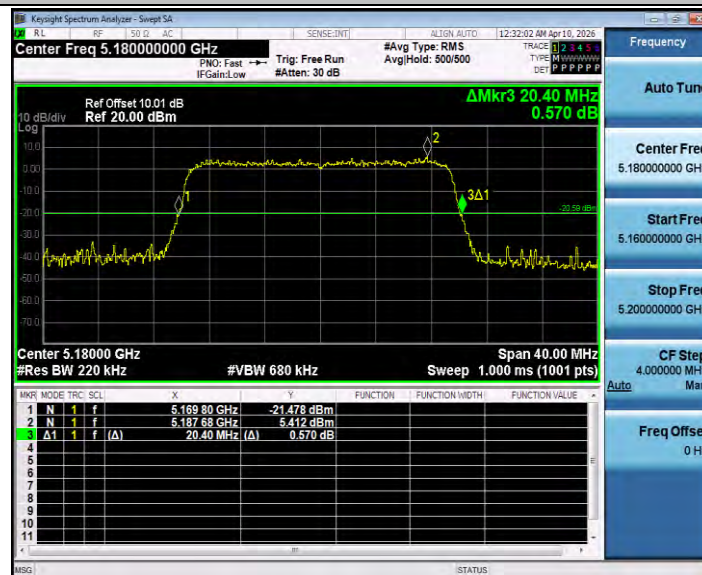
11AC40SISO_Ant1_5190



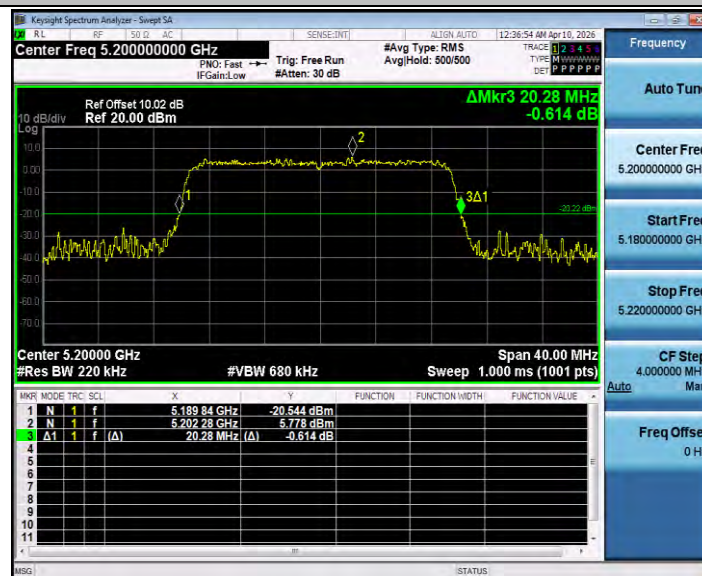
11AC40SISO_Ant1_5230



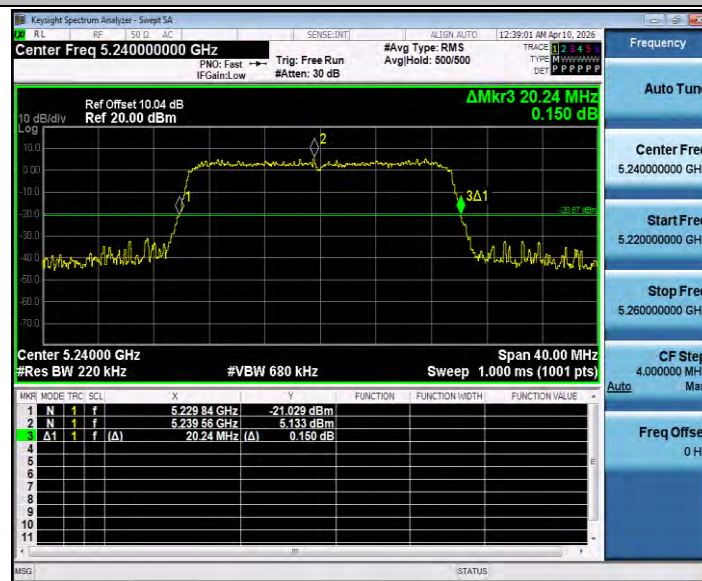
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



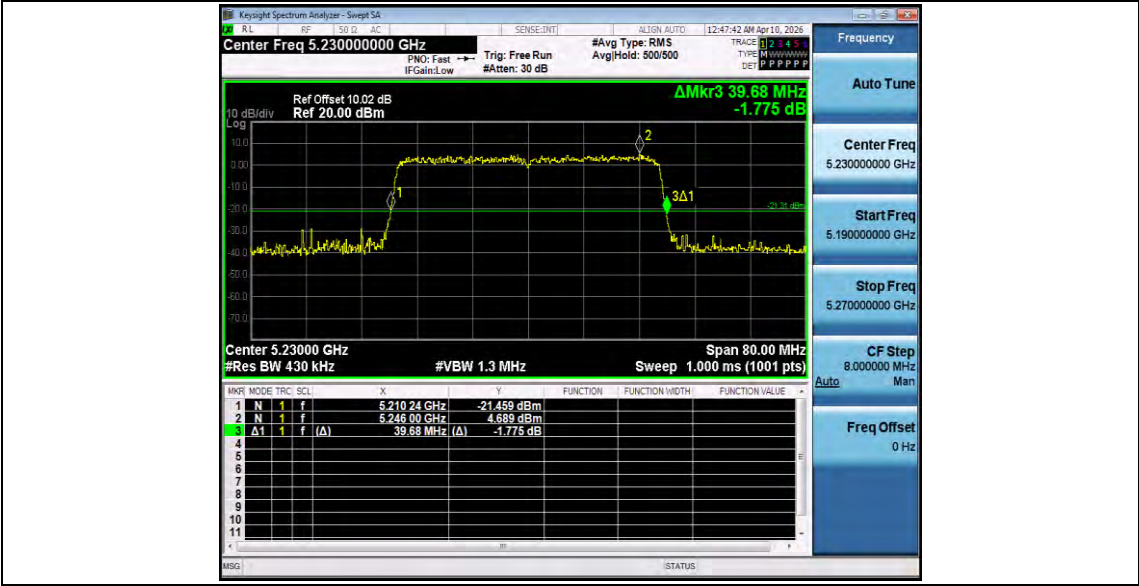
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



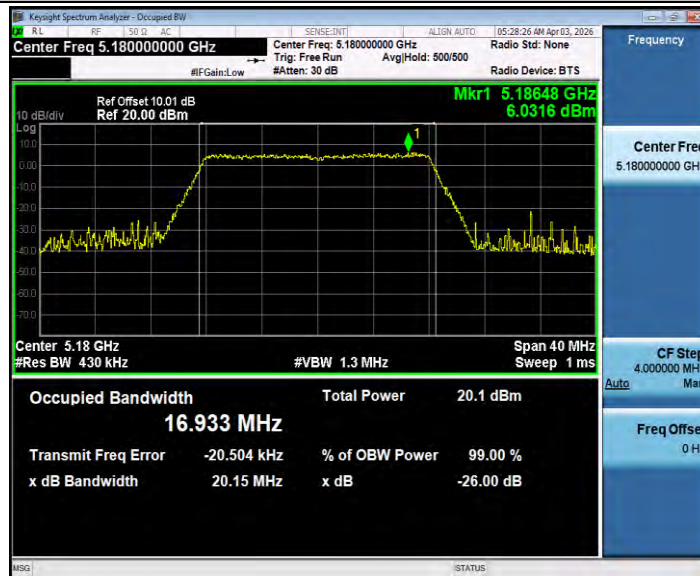
Appendix D.2: Occupied channel bandwidth

Test Result

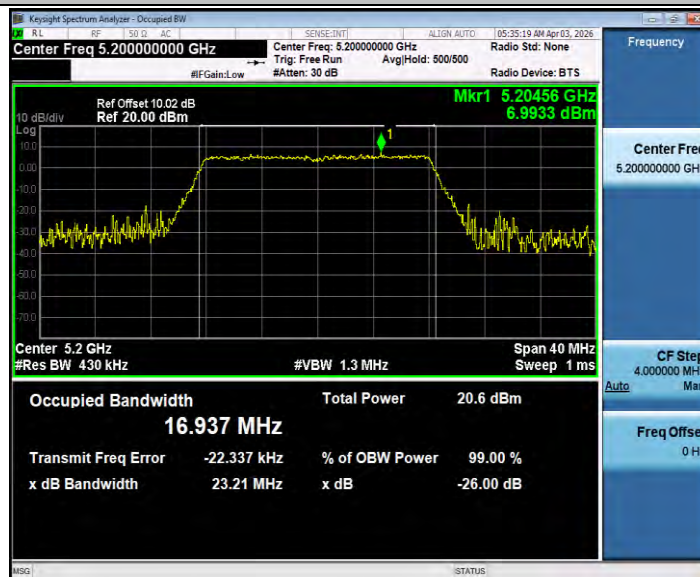
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.933	5171.5130	5188.4460	---	---
		5200	16.937	5191.5092	5208.4462	---	---
		5240	16.898	5231.5143	5248.4123	---	---
11N20SISO	Ant1	5180	17.823	5171.0698	5188.8928	---	---
		5200	17.792	5191.0629	5208.8549	---	---
		5240	17.816	5231.0498	5248.8658	---	---
11N40SISO	Ant1	5190	36.290	5171.9140	5208.2040	---	---
		5230	36.285	5211.8712	5248.1562	---	---
11AC20SISO	Ant1	5180	17.790	5171.0868	5188.8768	---	---
		5200	17.795	5191.0804	5208.8754	---	---
		5240	17.823	5231.0519	5248.8749	---	---
11AC40SISO	Ant1	5190	36.270	5171.9179	5208.1879	---	---
		5230	36.259	5211.8849	5248.1439	---	---
11AX20SISO	Ant1	5180	18.787	5170.5566	5189.3436	---	---
		5200	18.755	5190.5971	5209.3521	---	---
		5240	18.779	5230.5801	5249.3591	---	---
11AX40SISO	Ant1	5190	37.353	5171.3814	5208.7344	---	---
		5230	37.371	5211.3403	5248.7113	---	---

Test Graphs

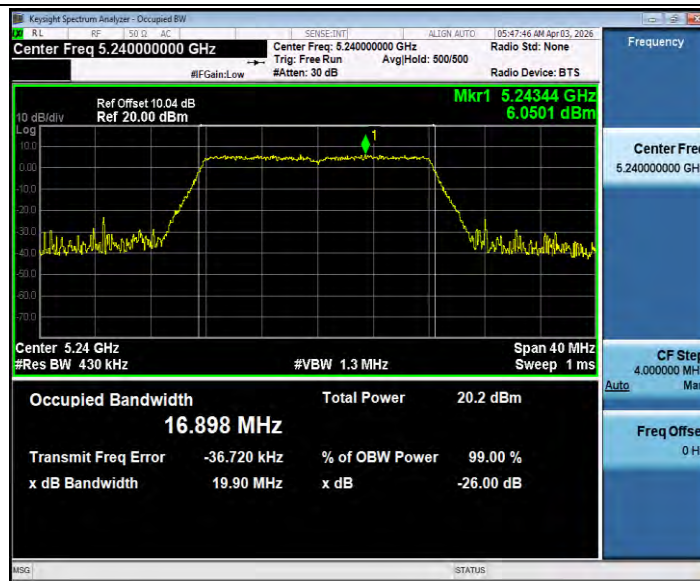
11A_Ant1_5180



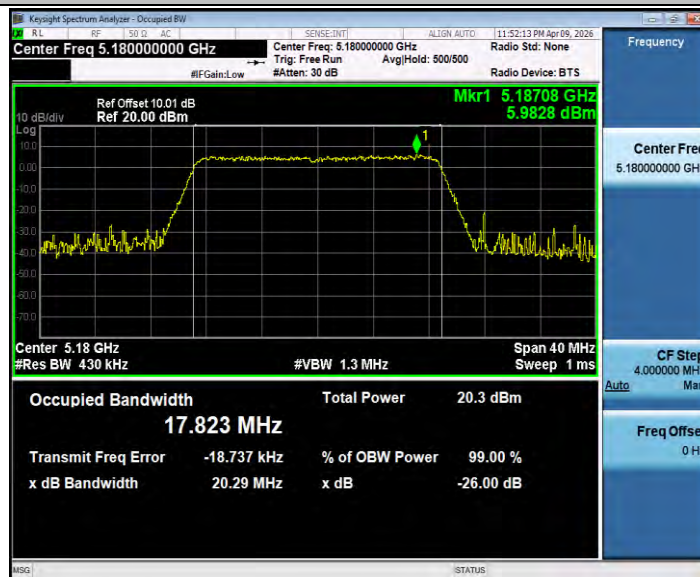
11A_Ant1_5200



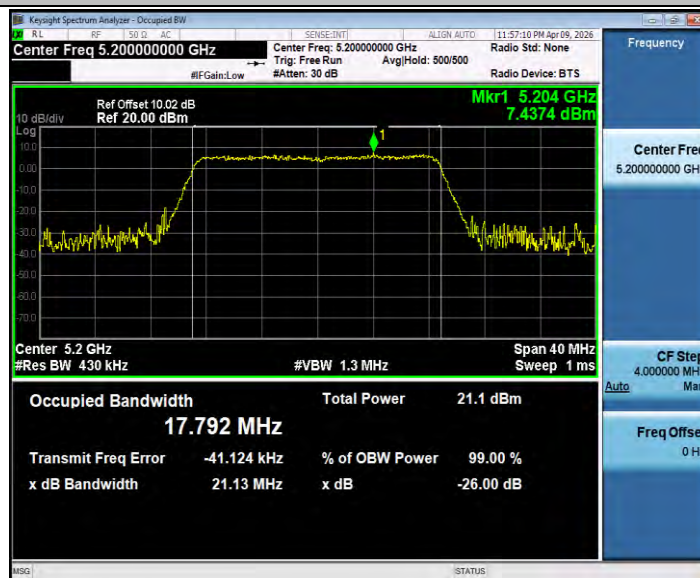
11A_Ant1_5240



11N20SISO_Ant1_5180



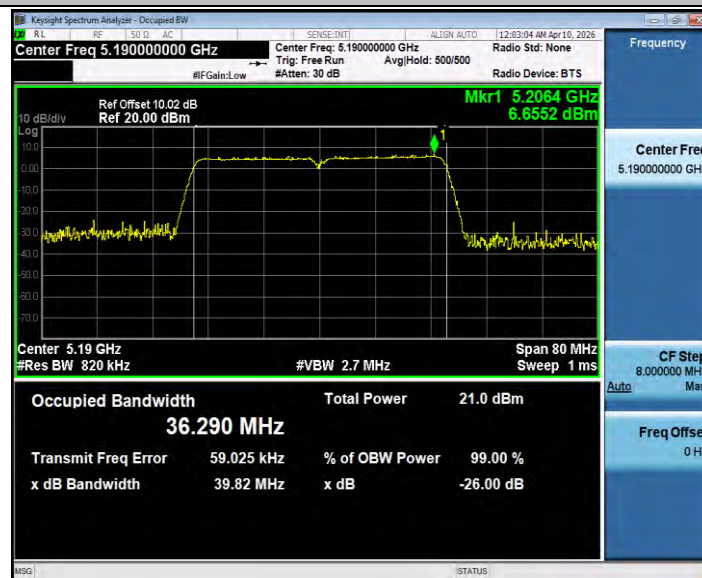
11N20SISO_Ant1_5200



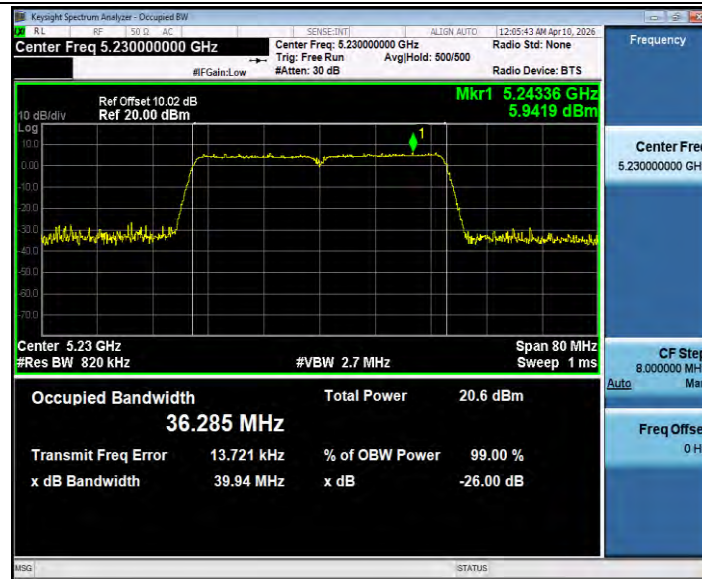
11N20SISO_Ant1_5240



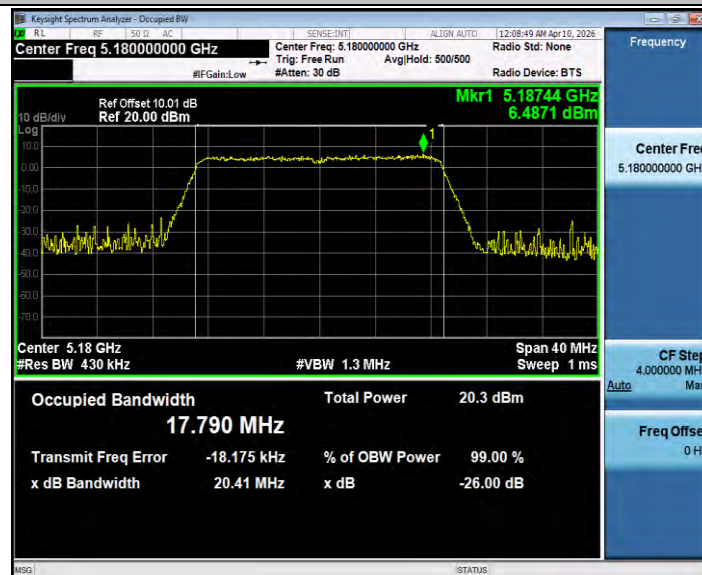
11N40SISO_Ant1_5190



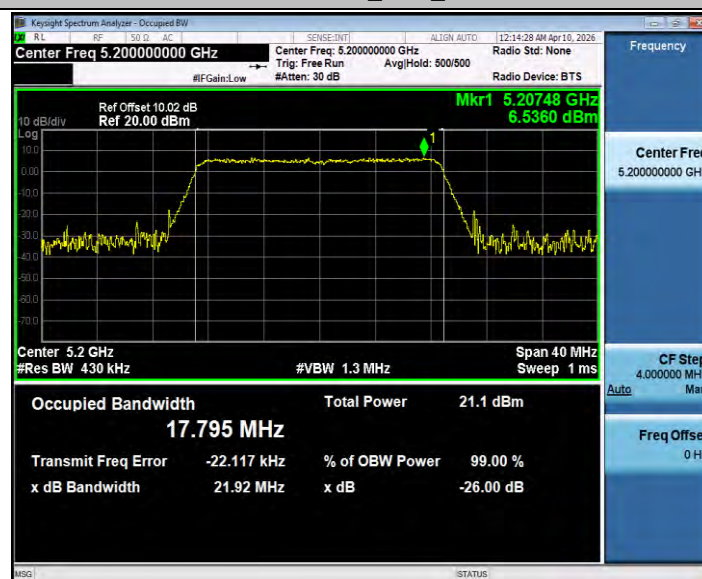
11N40SISO_Ant1_5230



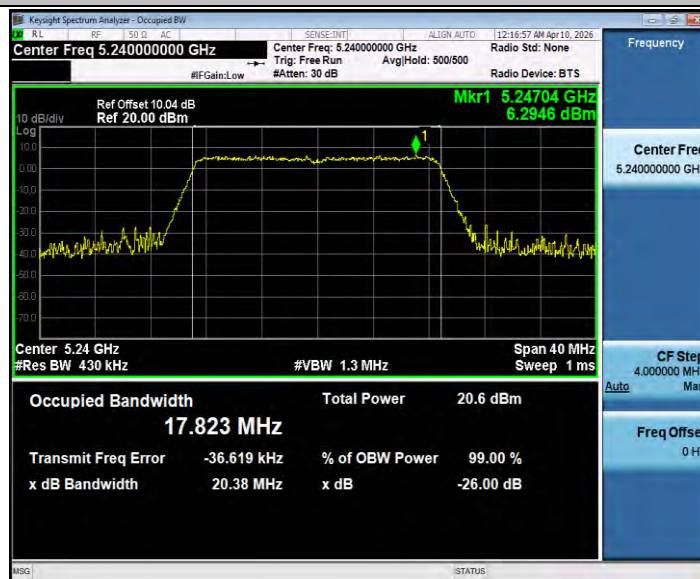
11AC20SISO_Ant1_5180



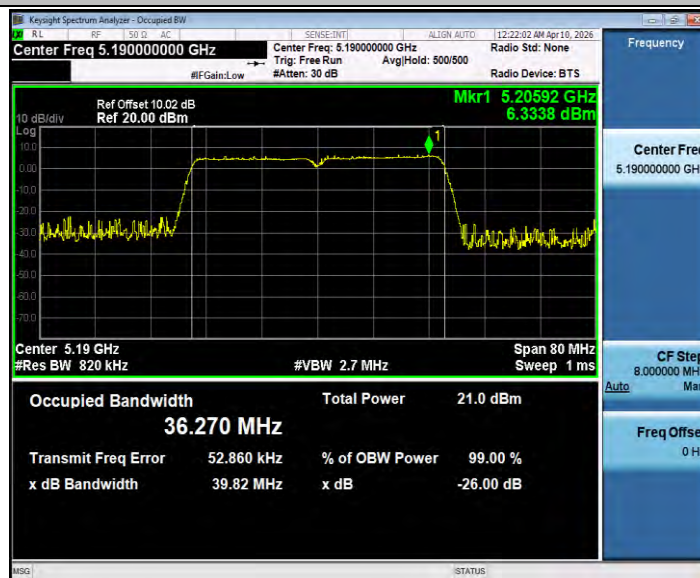
11AC20SISO_Ant1_5200



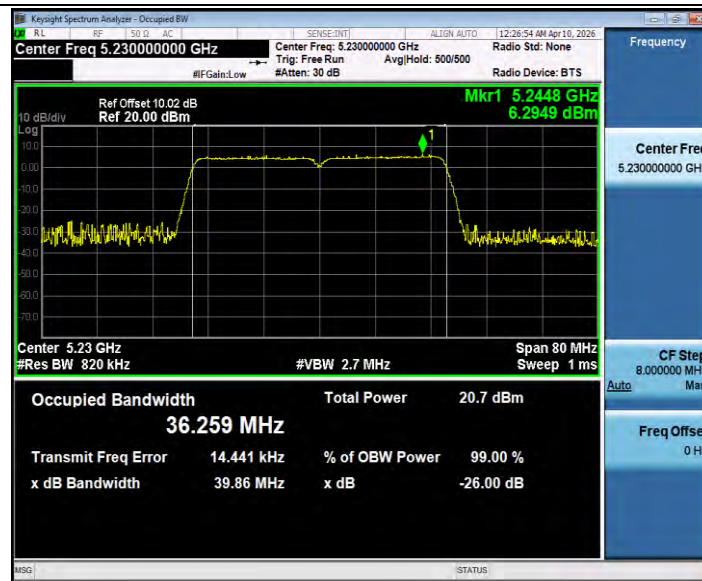
11AC20SISO_Ant1_5240



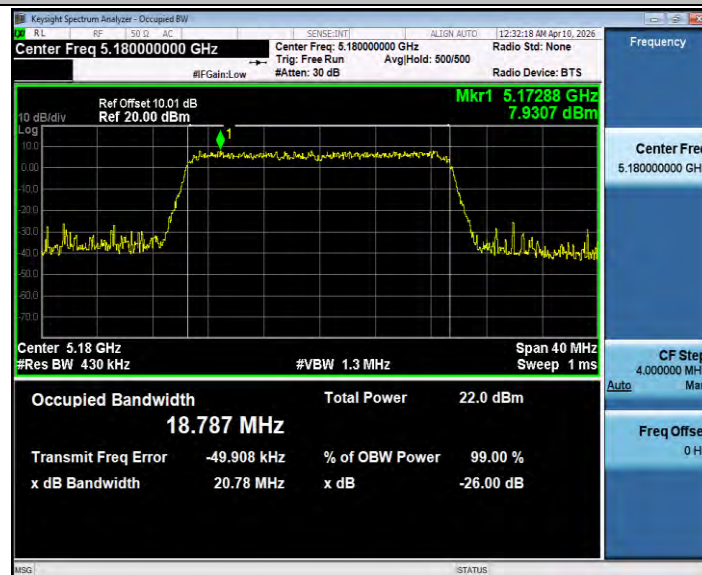
11AC40SISO_Ant1_5190



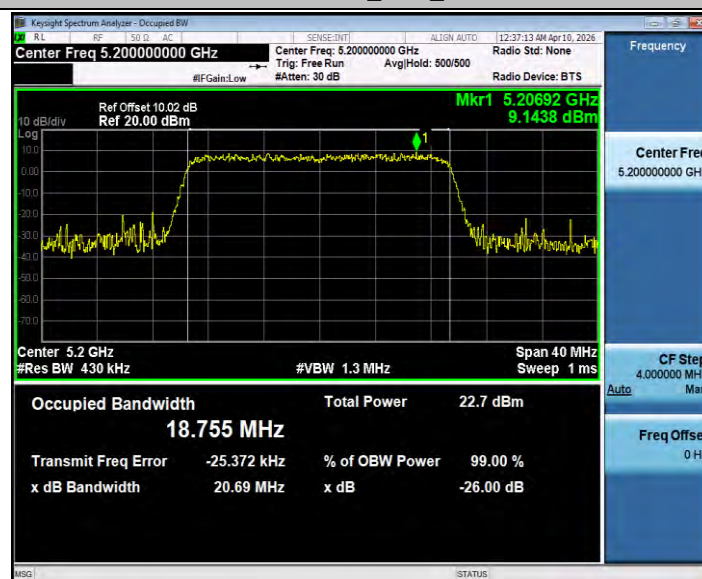
11AC40SISO_Ant1_5230



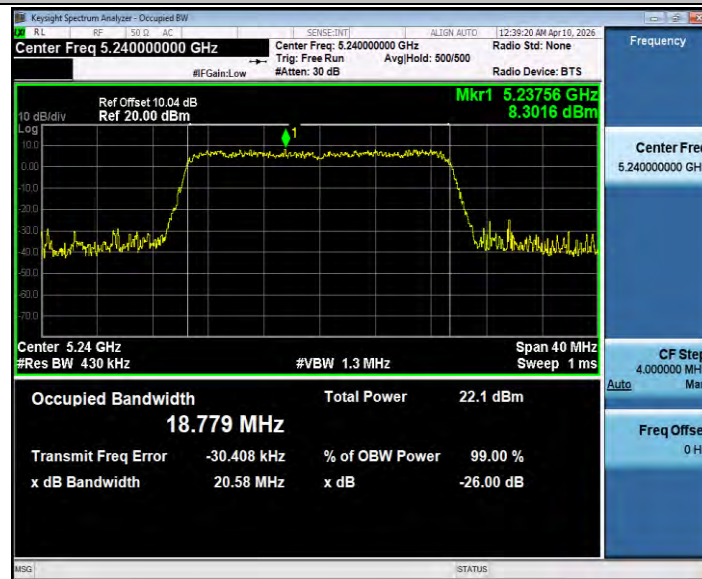
11AX20SISO_Ant1_5180



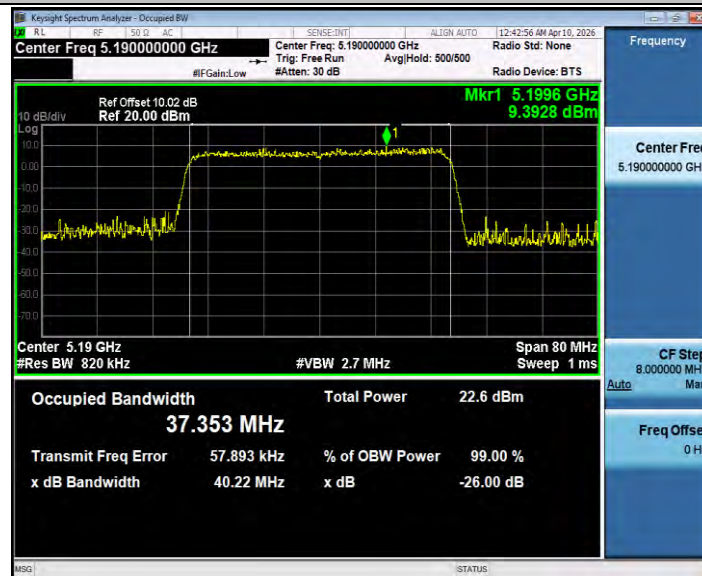
11AX20SISO_Ant1_5200



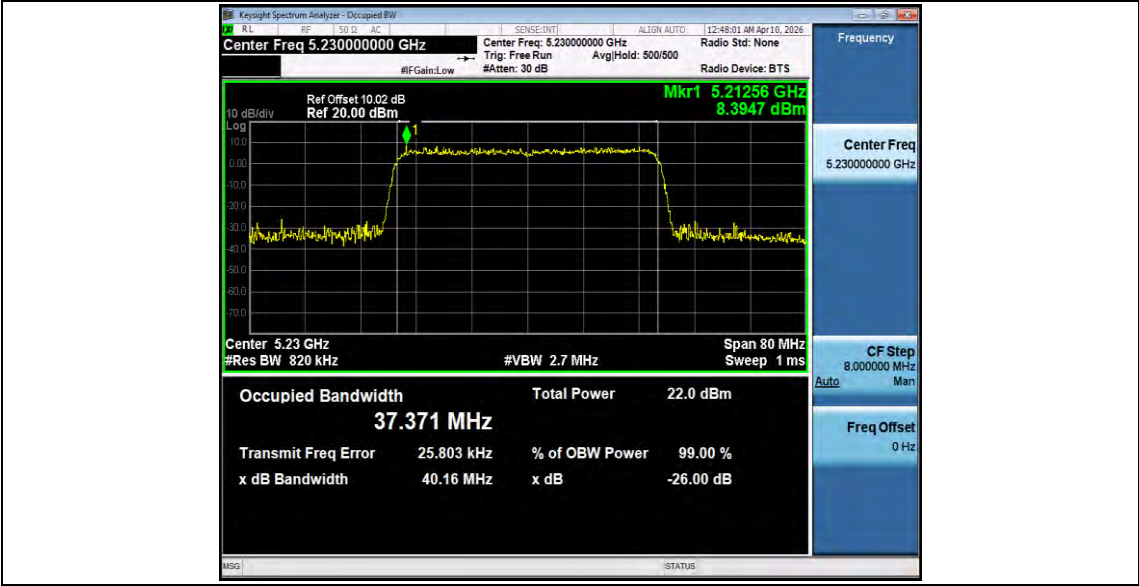
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

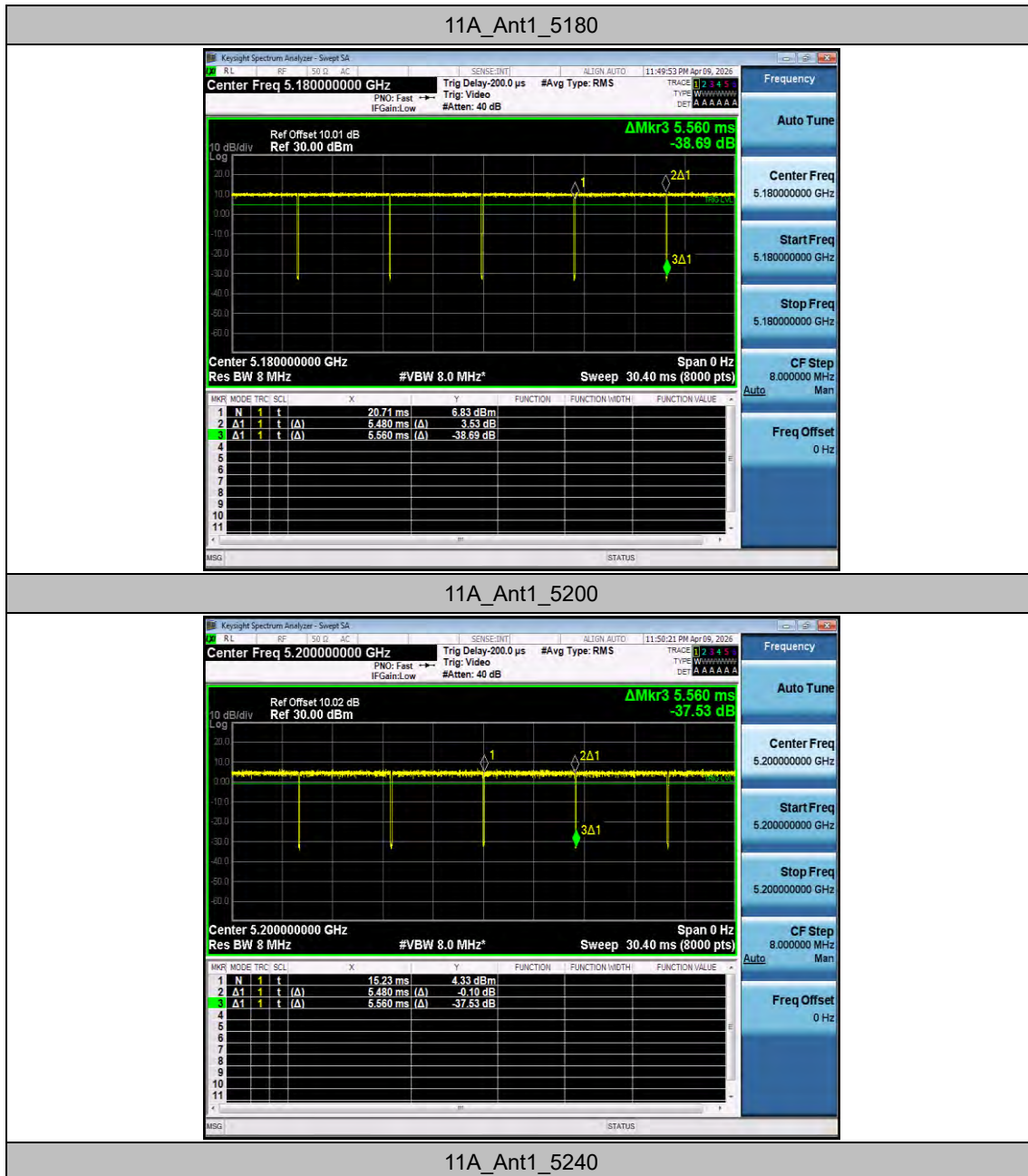


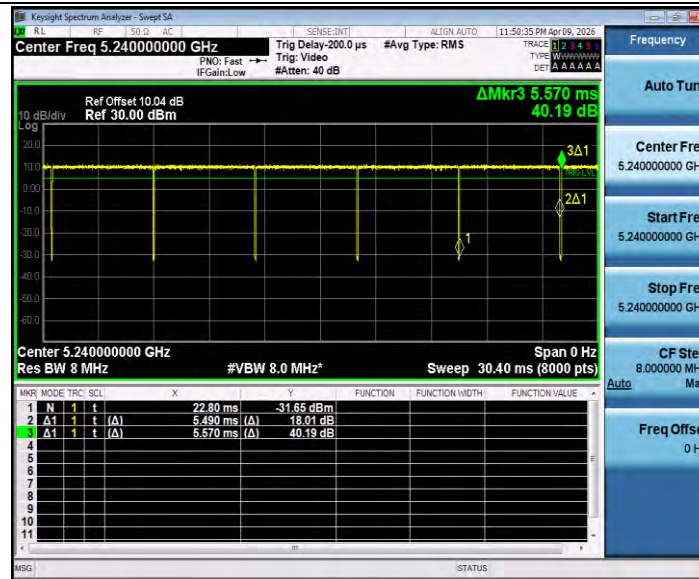
AppendixD.3: Duty Cycle

Test Result

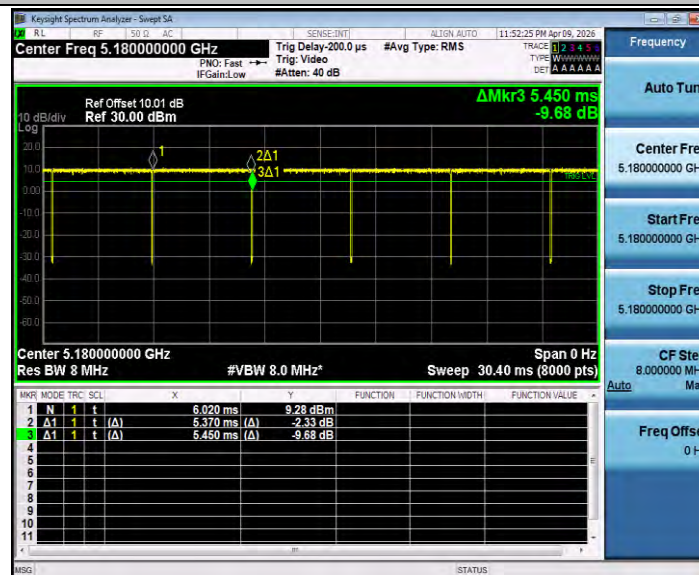
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	5.48	5.56	98.56	0.06	0.18
		5200	5.48	5.56	98.56	0.06	0.18
		5240	5.49	5.57	98.56	0.06	0.18
11N20SISO	Ant1	5180	5.37	5.45	98.53	0.06	0.19
		5200	5.37	5.45	98.53	0.06	0.19
		5240	5.37	5.45	98.53	0.06	0.19
11N40SISO	Ant1	5190	3.02	3.10	97.42	0.11	0.33
		5230	3.02	3.10	97.42	0.11	0.33
11AC20SISO	Ant1	5180	5.38	5.46	98.53	0.06	0.19
		5200	5.38	5.46	98.53	0.06	0.19
		5240	5.38	5.46	98.53	0.06	0.19
11AC40SISO	Ant1	5190	5.16	5.23	98.66	0.06	0.19
		5230	5.16	5.24	98.47	0.07	0.19
11AX20SISO	Ant1	5180	4.65	4.73	98.31	0.07	0.22
		5200	4.65	4.73	98.31	0.07	0.22
		5240	4.64	4.73	98.10	0.08	0.22
11AX40SISO	Ant1	5190	4.63	4.71	98.30	0.07	0.22
		5230	4.64	4.71	98.51	0.07	0.22

Test Graphs

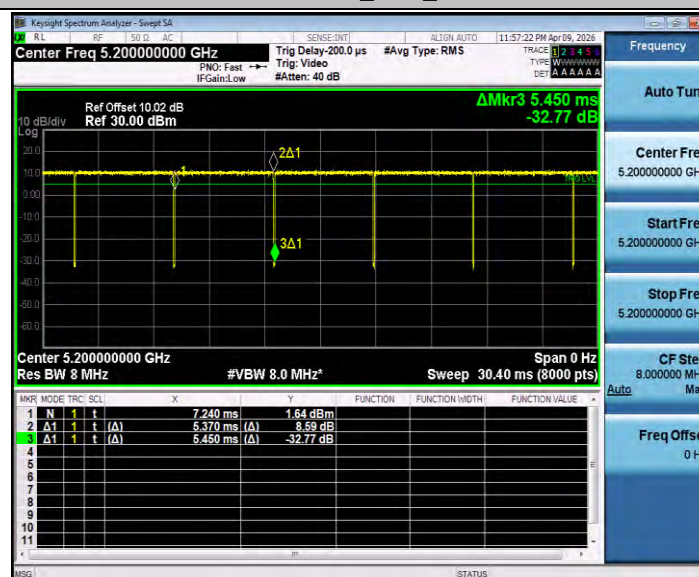




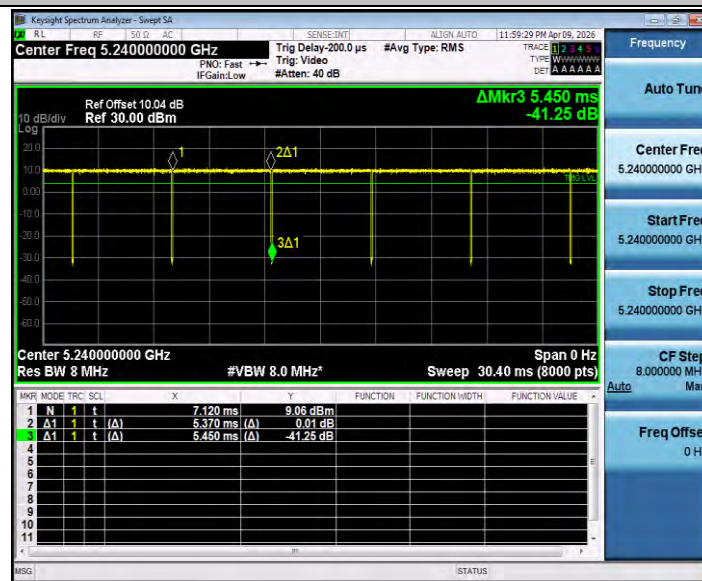
11N20SISO_Ant1_5180



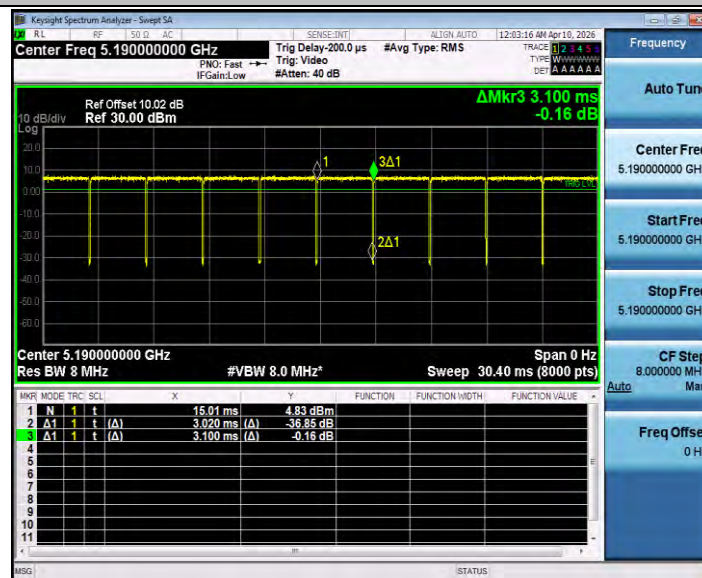
11N20SISO_Ant1_5200



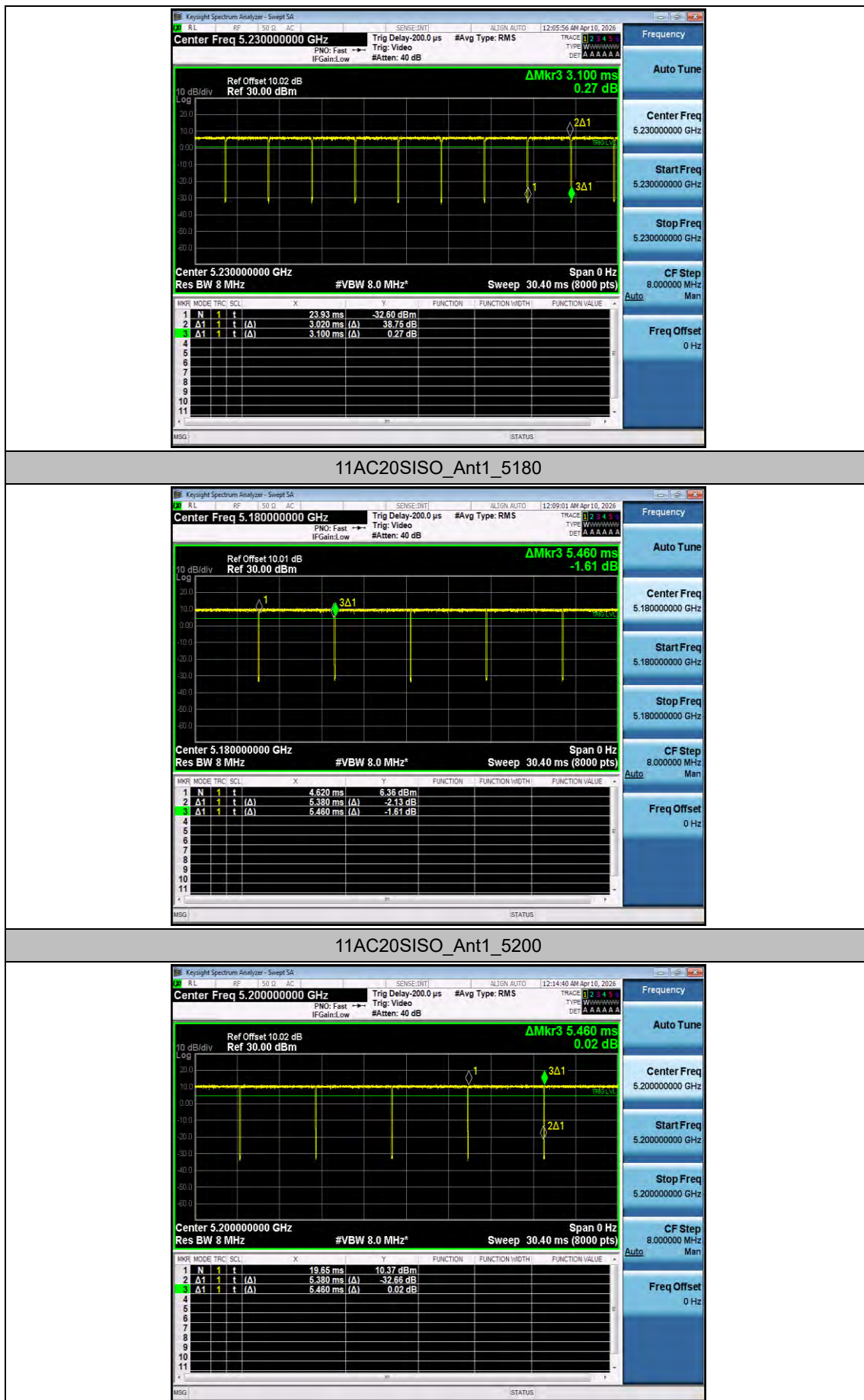
11N20SISO_Ant1_5240



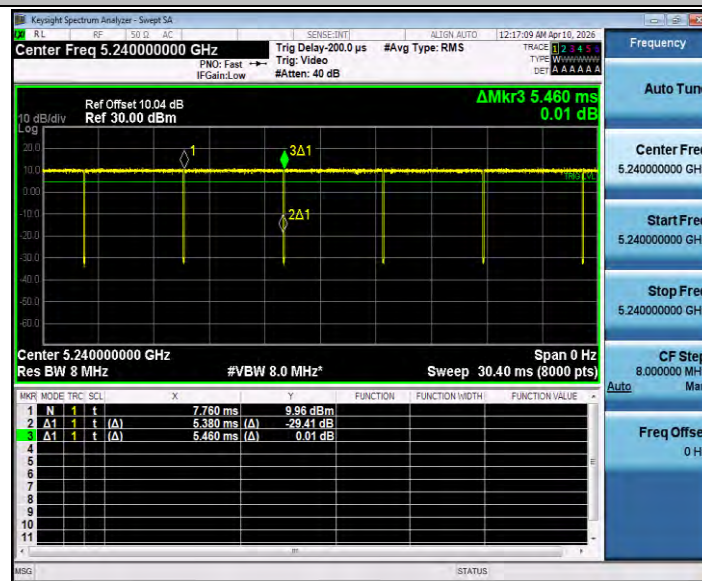
11N40SISO_Ant1_5190



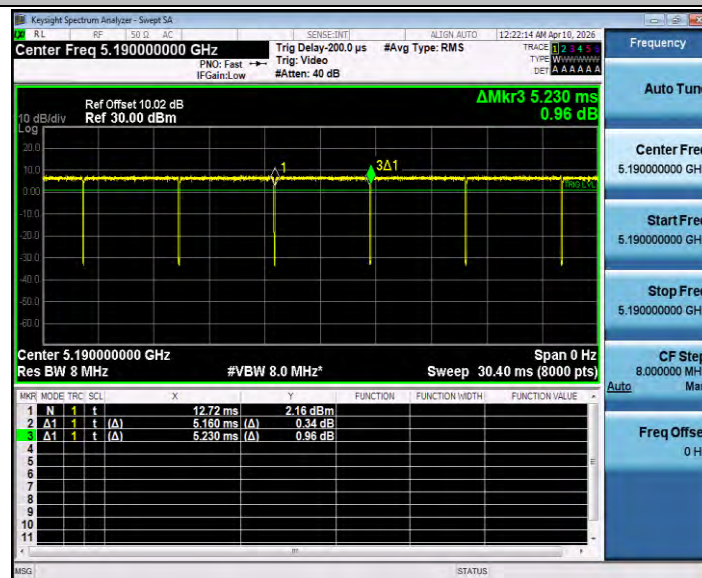
11N40SISO_Ant1_5230



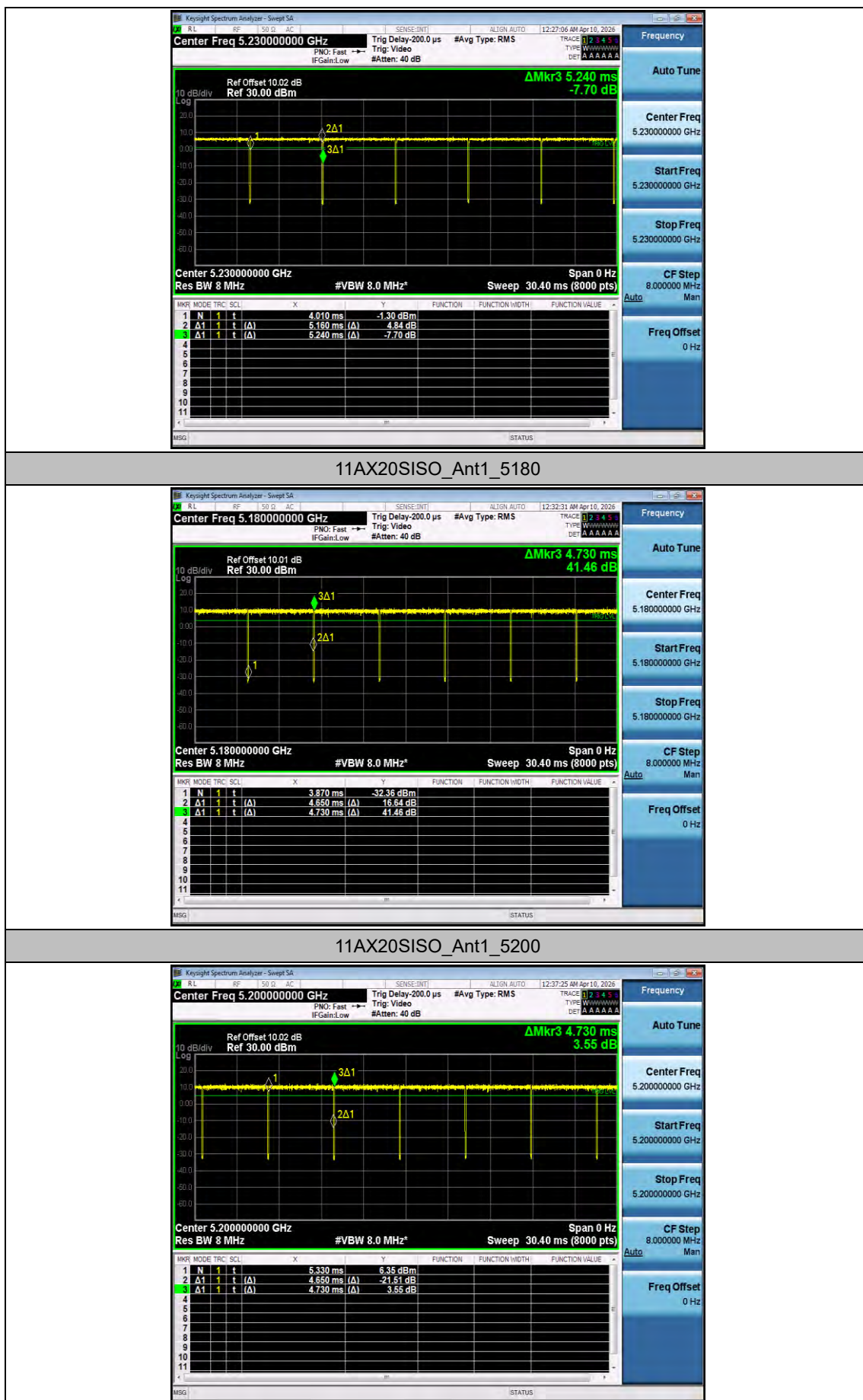
11AC20SISO_Ant1_5240

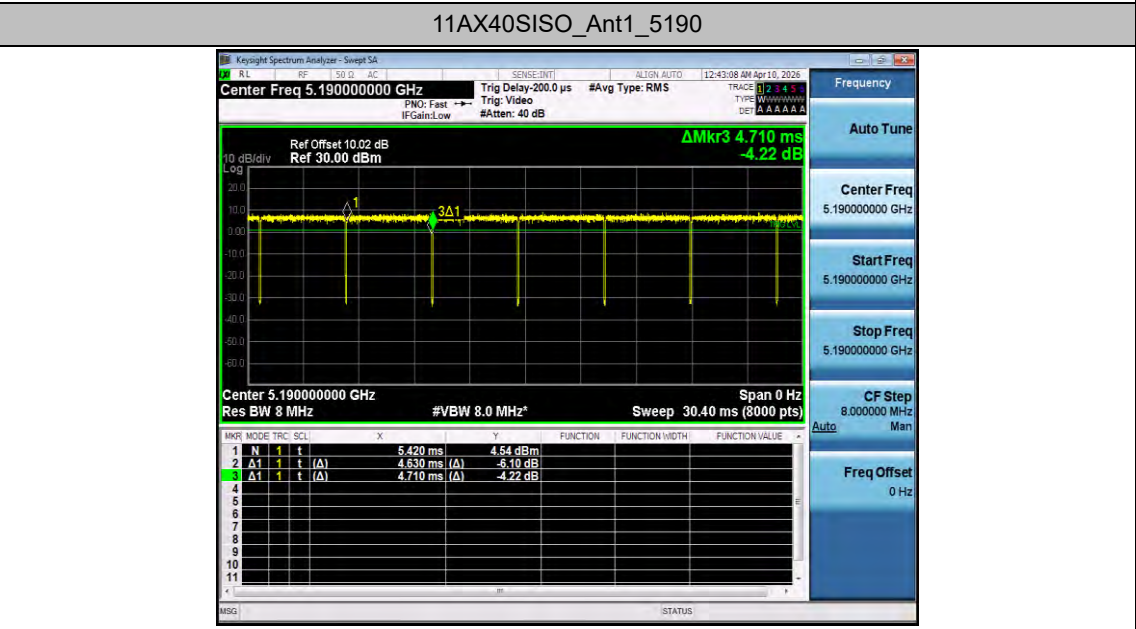
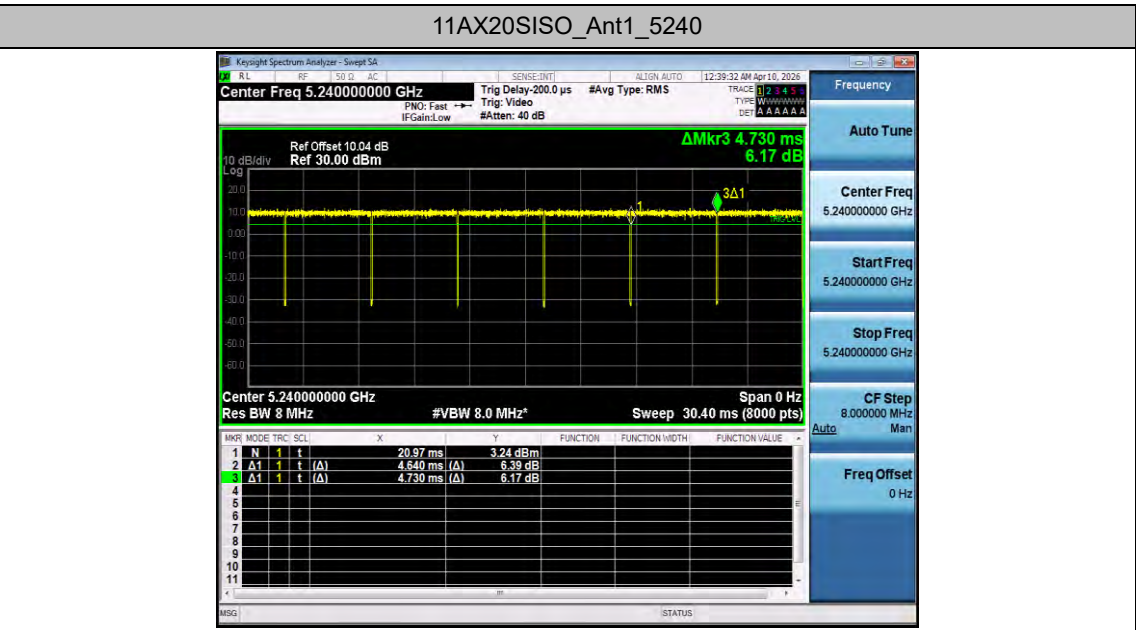


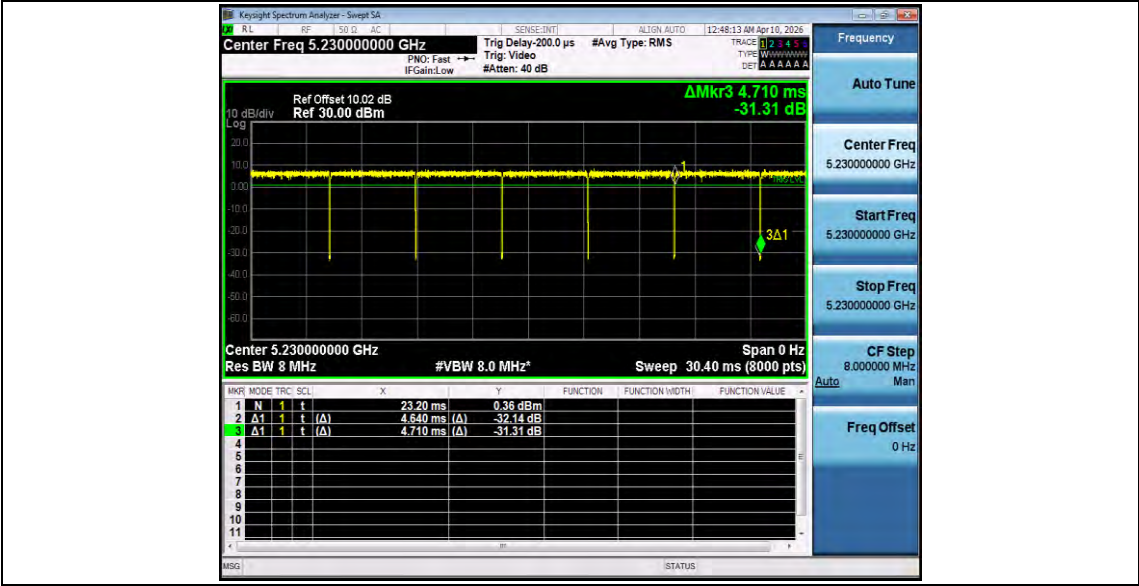
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230







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	13.54	98.56	0.06	13.60	≤23.98	PASS
		5200	13.77	98.56	0.06	13.83	≤23.98	PASS
		5240	13.41	98.56	0.06	13.47	≤23.98	PASS
11N20SI SO	Ant1	5180	13.47	98.53	0.06	13.53	≤23.98	PASS
		5200	14.23	98.53	0.06	14.29	≤23.98	PASS
		5240	13.69	98.53	0.06	13.75	≤23.98	PASS
11N40SI SO	Ant1	5190	13.65	97.42	0.11	13.76	≤23.98	PASS
		5230	13.16	97.42	0.11	13.27	≤23.98	PASS
11AC20S ISO	Ant1	5180	13.46	98.53	0.06	13.52	≤23.98	PASS
		5200	14.26	98.53	0.06	14.32	≤23.98	PASS
		5240	13.76	98.53	0.06	13.82	≤23.98	PASS
11AC40S ISO	Ant1	5190	13.72	98.66	0.06	13.78	≤23.98	PASS
		5230	13.34	98.47	0.07	13.41	≤23.98	PASS
11AX20SI SO	Ant1	5180	13.54	98.31	0.07	13.61	≤23.98	PASS
		5200	14.28	98.31	0.07	14.35	≤23.98	PASS
		5240	13.76	98.10	0.08	13.84	≤23.98	PASS
11AX40SI SO	Ant1	5190	13.73	98.30	0.07	13.80	≤23.98	PASS
		5230	13.24	98.51	0.07	13.31	≤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	1.86	≤11.00	PASS
		5200	2.42	≤11.00	PASS
		5240	1.91	≤11.00	PASS
11N20SISO	Ant1	5180	1.84	≤11.00	PASS
		5200	2.49	≤11.00	PASS
		5240	1.89	≤11.00	PASS
11N40SISO	Ant1	5190	-0.50	≤11.00	PASS
		5230	-1.09	≤11.00	PASS
11AC20SISO	Ant1	5180	1.81	≤11.00	PASS
		5200	2.55	≤11.00	PASS
		5240	2.00	≤11.00	PASS
11AC40SISO	Ant1	5190	-0.47	≤11.00	PASS
		5230	-1.04	≤11.00	PASS
11AX20SISO	Ant1	5180	1.64	≤11.00	PASS
		5200	2.39	≤11.00	PASS
		5240	1.79	≤11.00	PASS
11AX40SISO	Ant1	5190	-0.57	≤11.00	PASS
		5230	-1.27	≤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



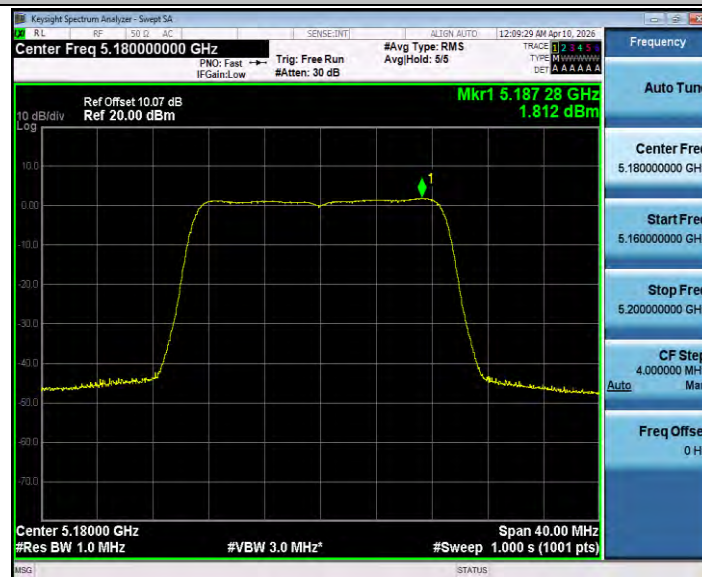
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



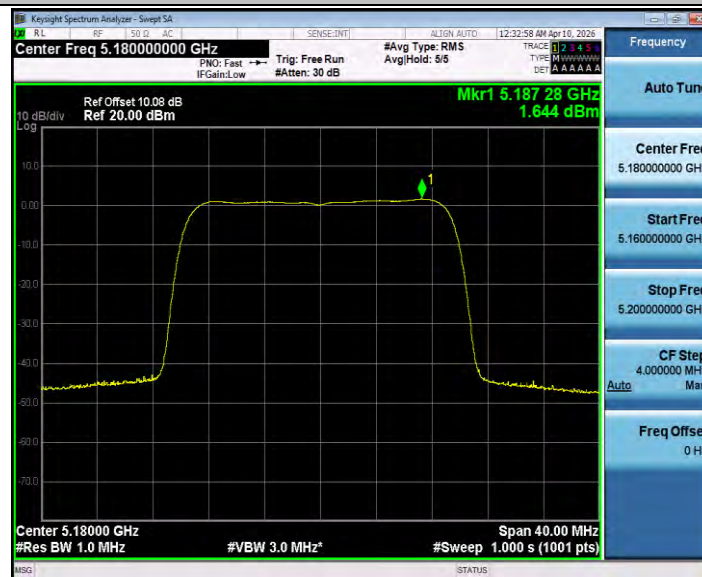
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

