

















11.3. Appendix C: Maximum conducted output power

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.37	≤30.00	PASS
	Ant2	2412	14.40	≤30.00	PASS
	Ant1	2437	14.55	≤30.00	PASS
	Ant2	2437	14.49	≤30.00	PASS
	Ant1	2462	14.59	≤30.00	PASS
	Ant2	2462	14.48	≤30.00	PASS
11G	Ant1	2412	13.87	≤30.00	PASS
	Ant2	2412	13.67	≤30.00	PASS
	Ant1	2437	13.54	≤30.00	PASS
	Ant2	2437	13.65	≤30.00	PASS
	Ant1	2462	13.72	≤30.00	PASS
	Ant2	2462	13.81	≤30.00	PASS
11N20MIMO	Ant1	2412	13.72	≤30.00	PASS
	Ant2	2412	13.38	≤30.00	PASS
	total	2412	16.56	≤30.00	PASS
	Ant1	2437	13.68	≤30.00	PASS
	Ant2	2437	13.87	≤30.00	PASS
	total	2437	16.79	≤30.00	PASS
	Ant1	2462	13.77	≤30.00	PASS
	Ant2	2462	13.81	≤30.00	PASS
11N40MIMO	total	2462	16.80	≤30.00	PASS
	Ant1	2422	12.89	≤30.00	PASS
	Ant2	2422	12.91	≤30.00	PASS
	total	2422	15.91	≤30.00	PASS
	Ant1	2437	12.67	≤30.00	PASS
	Ant2	2437	12.96	≤30.00	PASS
	total	2437	15.83	≤30.00	PASS
	Ant1	2452	12.87	≤30.00	PASS
11AX20MIMO	Ant2	2452	12.58	≤30.00	PASS
	total	2452	15.74	≤30.00	PASS
	Ant1	2412	12.79	≤30.00	PASS
	Ant2	2412	12.71	≤30.00	PASS
	total	2412	15.76	≤30.00	PASS
	Ant1	2437	12.91	≤30.00	PASS
	Ant2	2437	12.69	≤30.00	PASS
	total	2437	15.81	≤30.00	PASS
11AX40MIMO	Ant1	2462	13.33	≤30.00	PASS
	Ant2	2462	12.57	≤30.00	PASS
	total	2462	15.98	≤30.00	PASS
	Ant1	2422	12.81	≤30.00	PASS
	Ant2	2422	12.71	≤30.00	PASS
	total	2422	15.77	≤30.00	PASS
	Ant1	2437	13.09	≤30.00	PASS
	Ant2	2437	12.82	≤30.00	PASS
11AX20MIMO	total	2437	15.97	≤30.00	PASS
	Ant1	2452	13.08	≤30.00	PASS
	Ant2	2452	12.76	≤30.00	PASS
	total	2452	15.93	≤30.00	PASS
	Ant1	2412	13.72	≤30.00	PASS
	Ant2	2412	13.38	≤30.00	PASS

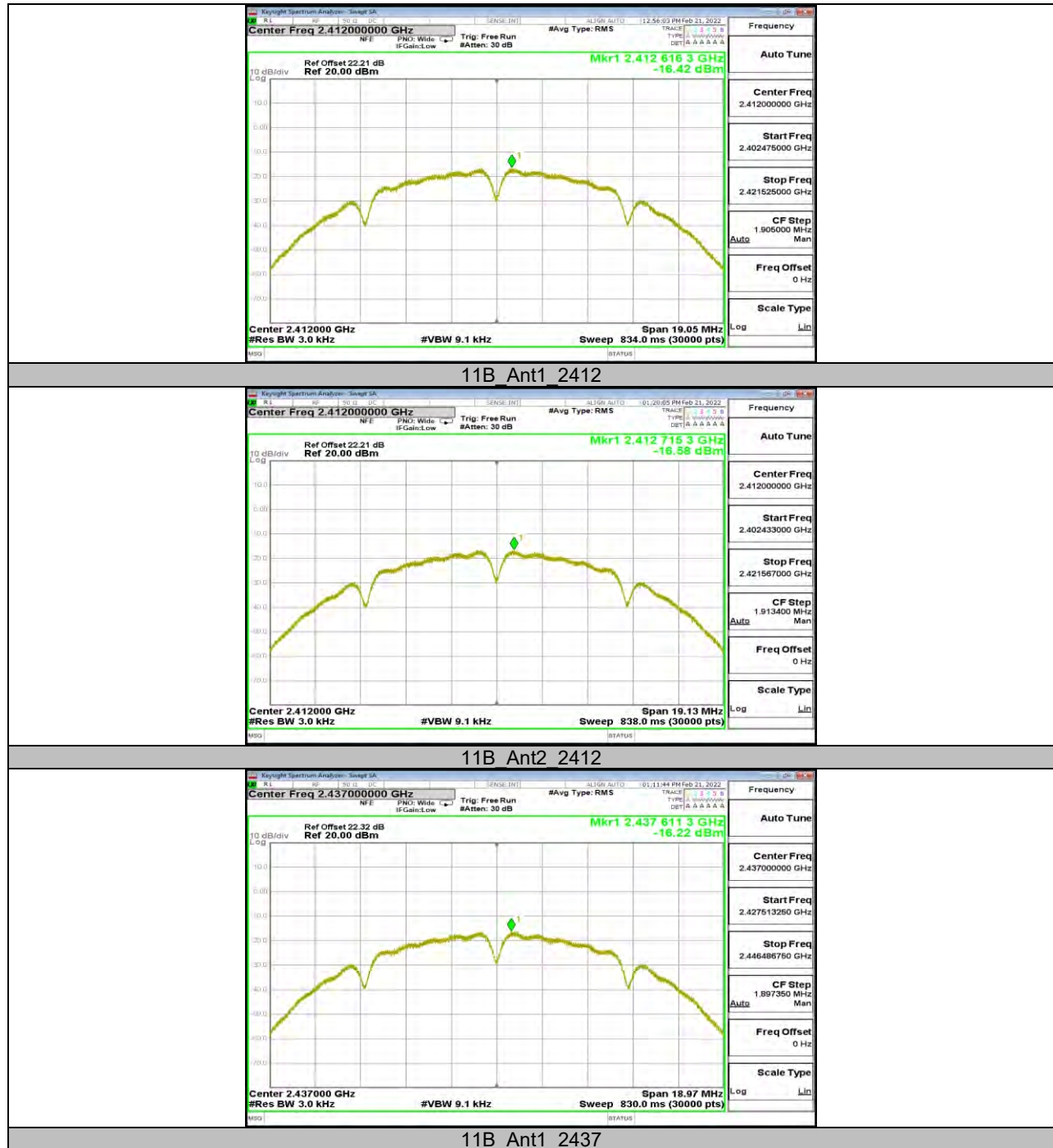
Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

**11.4. Appendix D: Maximum power spectral density****11.4.1. Test Result**

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.42	≤8.00	PASS
	Ant2	2412	-16.58	≤8.00	PASS
	Ant1	2437	-16.22	≤8.00	PASS
	Ant2	2437	-16.48	≤8.00	PASS
	Ant1	2462	-15.88	≤8.00	PASS
	Ant2	2462	-16.21	≤8.00	PASS
11G	Ant1	2412	-18.56	≤8.00	PASS
	Ant2	2412	-18.46	≤8.00	PASS
	Ant1	2437	-18.46	≤8.00	PASS
	Ant2	2437	-18.42	≤8.00	PASS
	Ant1	2462	-18.1	≤8.00	PASS
	Ant2	2462	-18.51	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.23	≤8.00	PASS
	Ant2	2412	-18.04	≤8.00	PASS
	total	2412	-15.12	≤8.00	PASS
	Ant1	2437	-18.19	≤8.00	PASS
	Ant2	2437	-18.24	≤8.00	PASS
	total	2437	-15.20	≤8.00	PASS
	Ant1	2462	-18.09	≤8.00	PASS
	Ant2	2462	-18.09	≤8.00	PASS
	total	2462	-15.08	≤8.00	PASS
11N40MIMO	Ant1	2422	-20.36	≤8.00	PASS
	Ant2	2422	-20.81	≤8.00	PASS
	total	2422	-17.57	≤8.00	PASS
	Ant1	2437	-20.06	≤8.00	PASS
	Ant2	2437	-20.84	≤8.00	PASS
	total	2437	-17.42	≤8.00	PASS
	Ant1	2452	-19.49	≤8.00	PASS
	Ant2	2452	-20.51	≤8.00	PASS
	total	2452	-16.96	≤8.00	PASS
11AX20MIMO	Ant1	2412	-19.52	≤8.00	PASS
	Ant2	2412	-19.39	≤8.00	PASS
	total	2412	-16.44	≤8.00	PASS
	Ant1	2437	-19.17	≤8.00	PASS
	Ant2	2437	-19.08	≤8.00	PASS
	total	2437	-16.11	≤8.00	PASS
	Ant1	2462	-19.39	≤8.00	PASS
	Ant2	2462	-19.53	≤8.00	PASS
	total	2462	-16.45	≤8.00	PASS
11AX40MIMO	Ant1	2422	-20.09	≤8.00	PASS
	Ant2	2422	-18.4	≤8.00	PASS
	total	2422	-16.15	≤8.00	PASS
	Ant1	2437	-19.65	≤8.00	PASS
	Ant2	2437	-19.06	≤8.00	PASS
	total	2437	-16.33	≤8.00	PASS
	Ant1	2452	-19.06	≤8.00	PASS
	Ant2	2452	-18.86	≤8.00	PASS
	total	2452	-15.95	≤8.00	PASS

11.4.2. Test Graphs





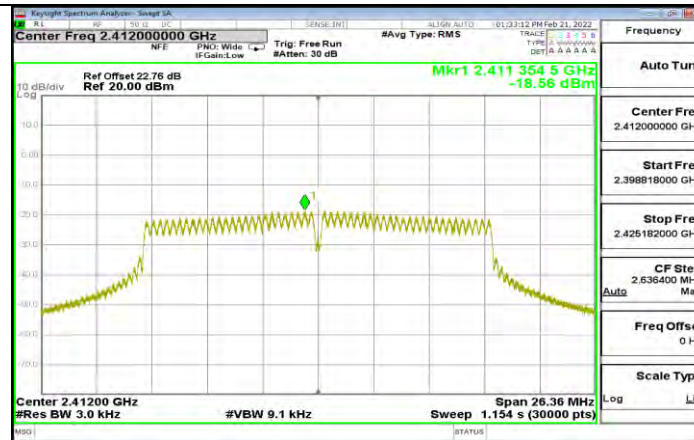
11B Ant2 2437



11B Ant1 2462



11B Ant2 2462



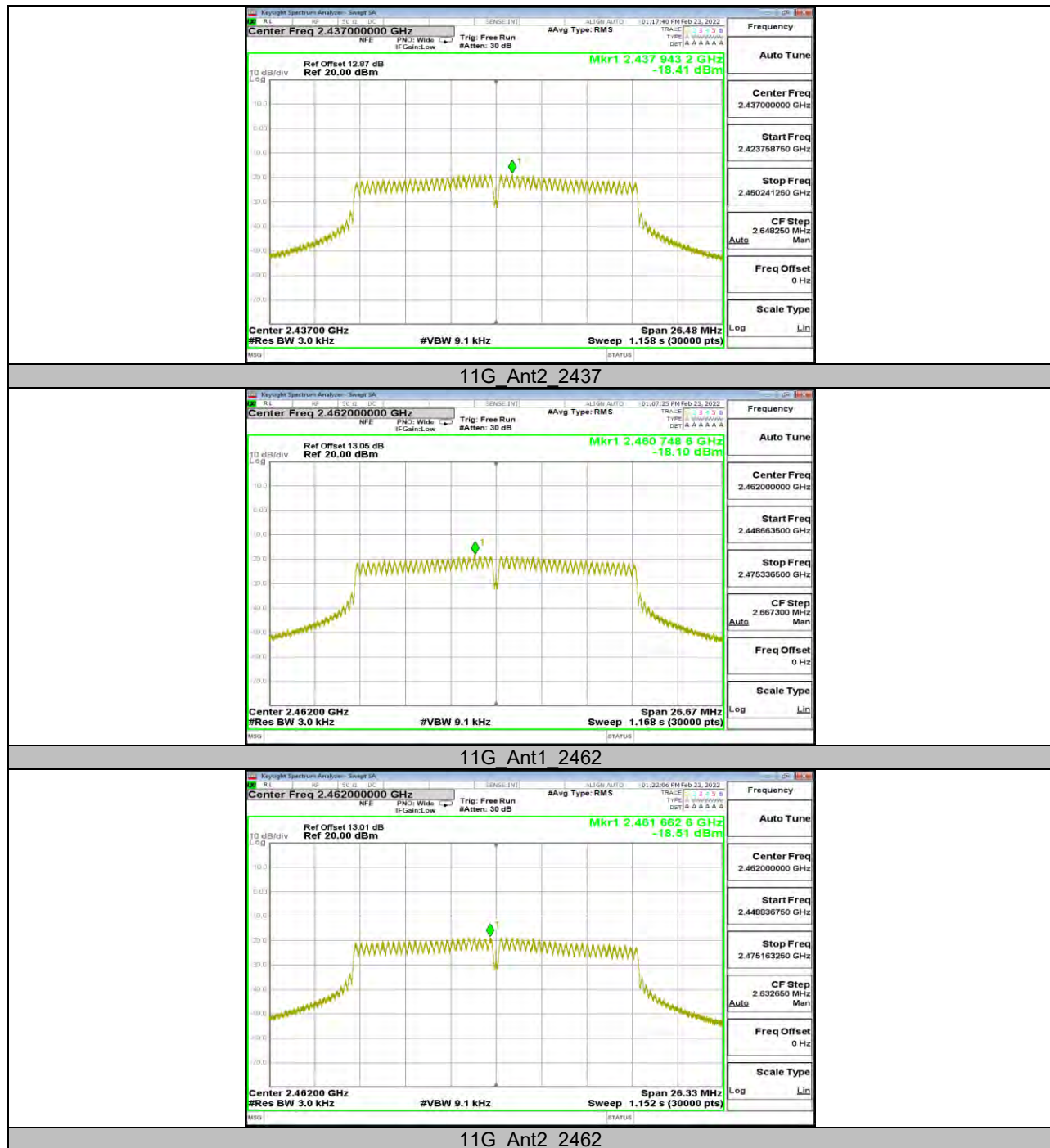
11G Ant1 2412

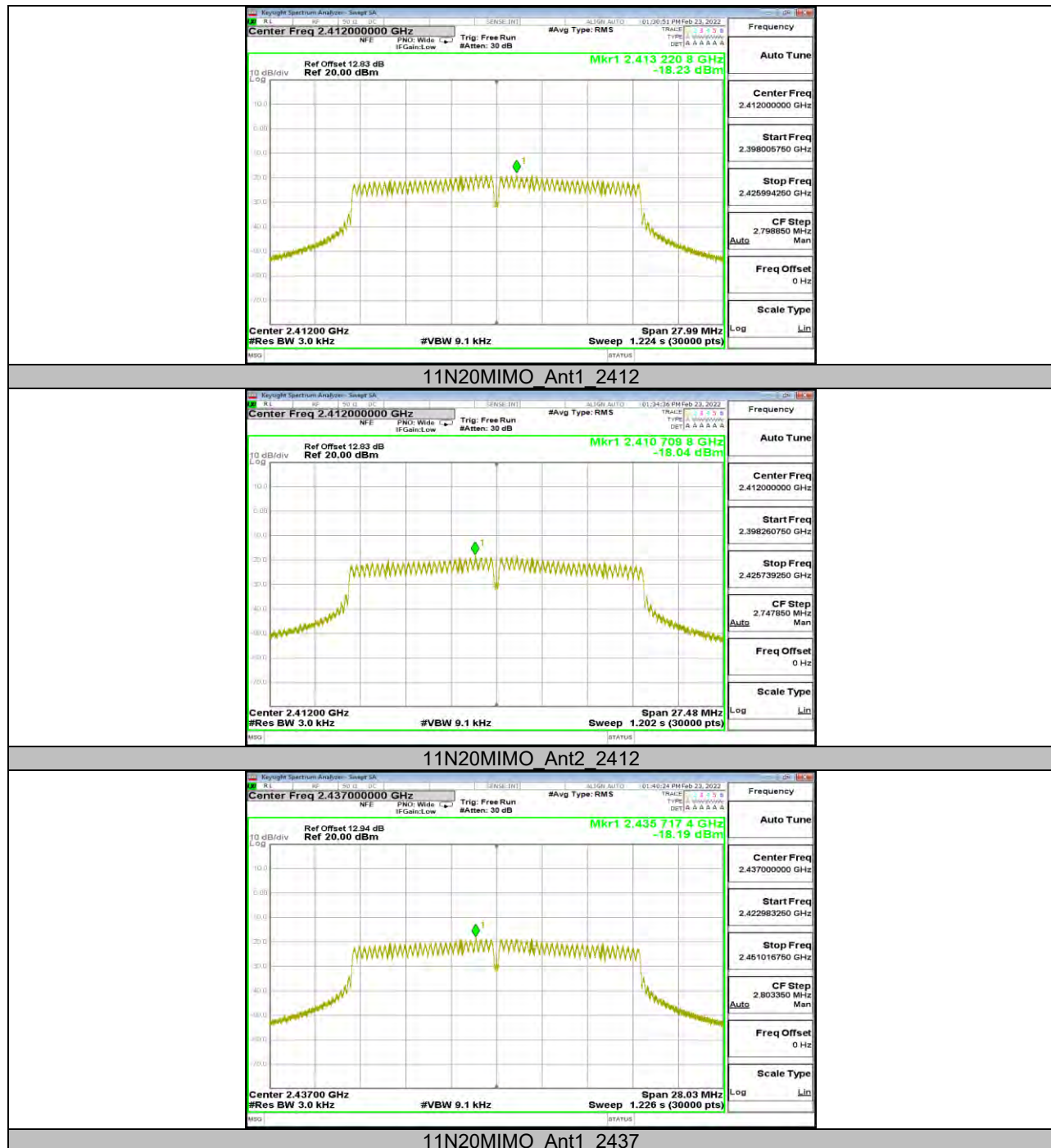


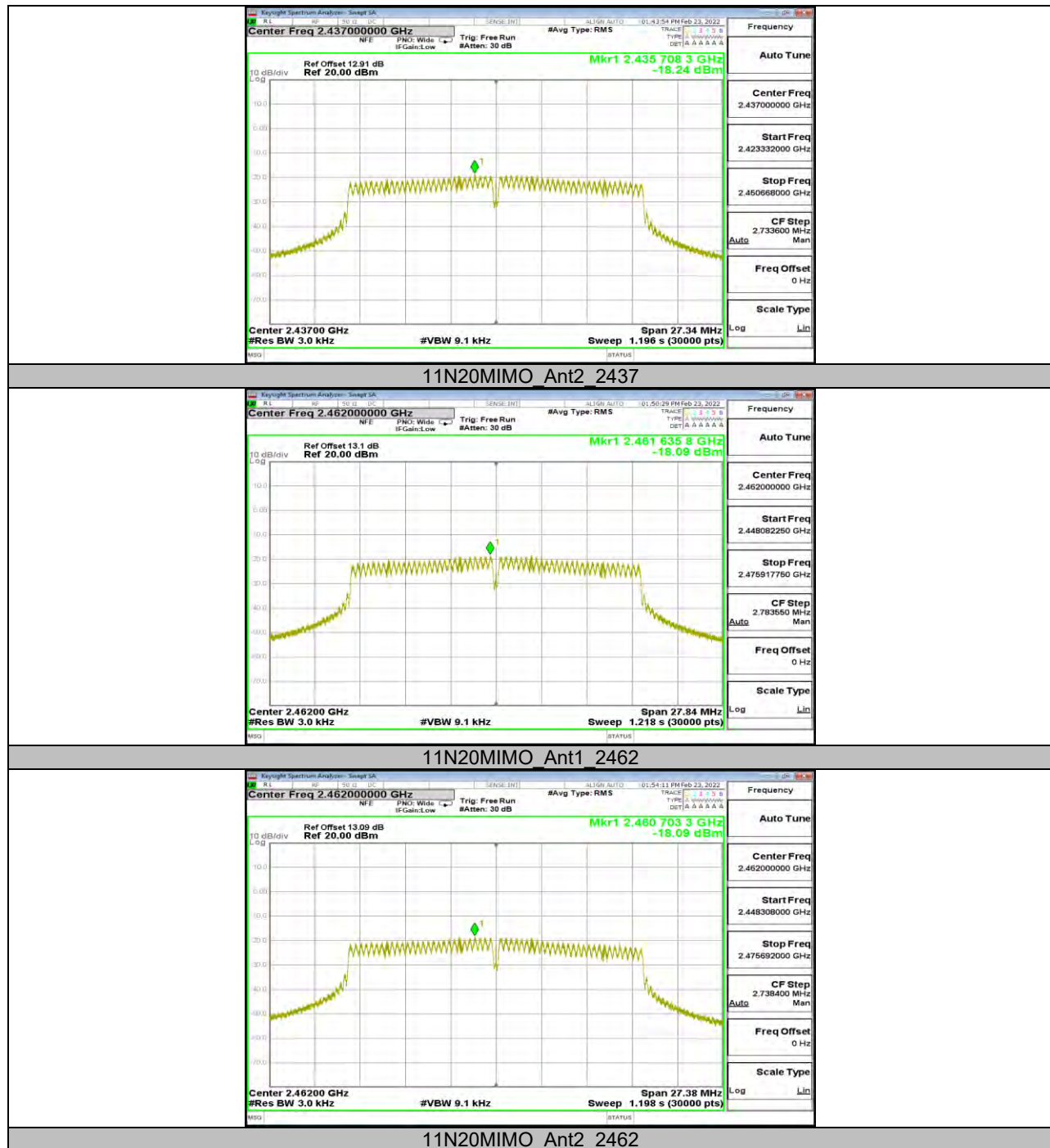
11G Ant2 2412

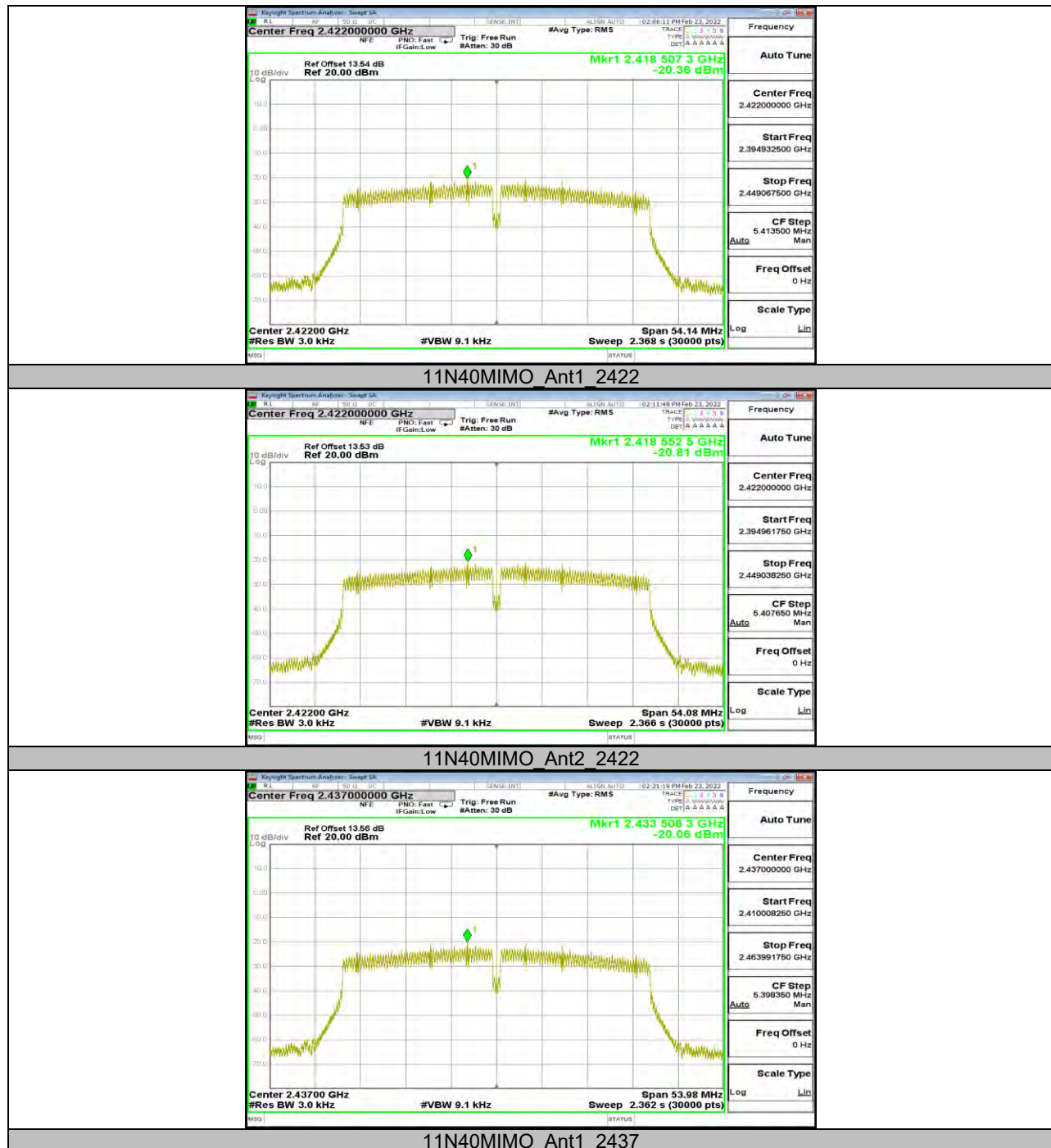


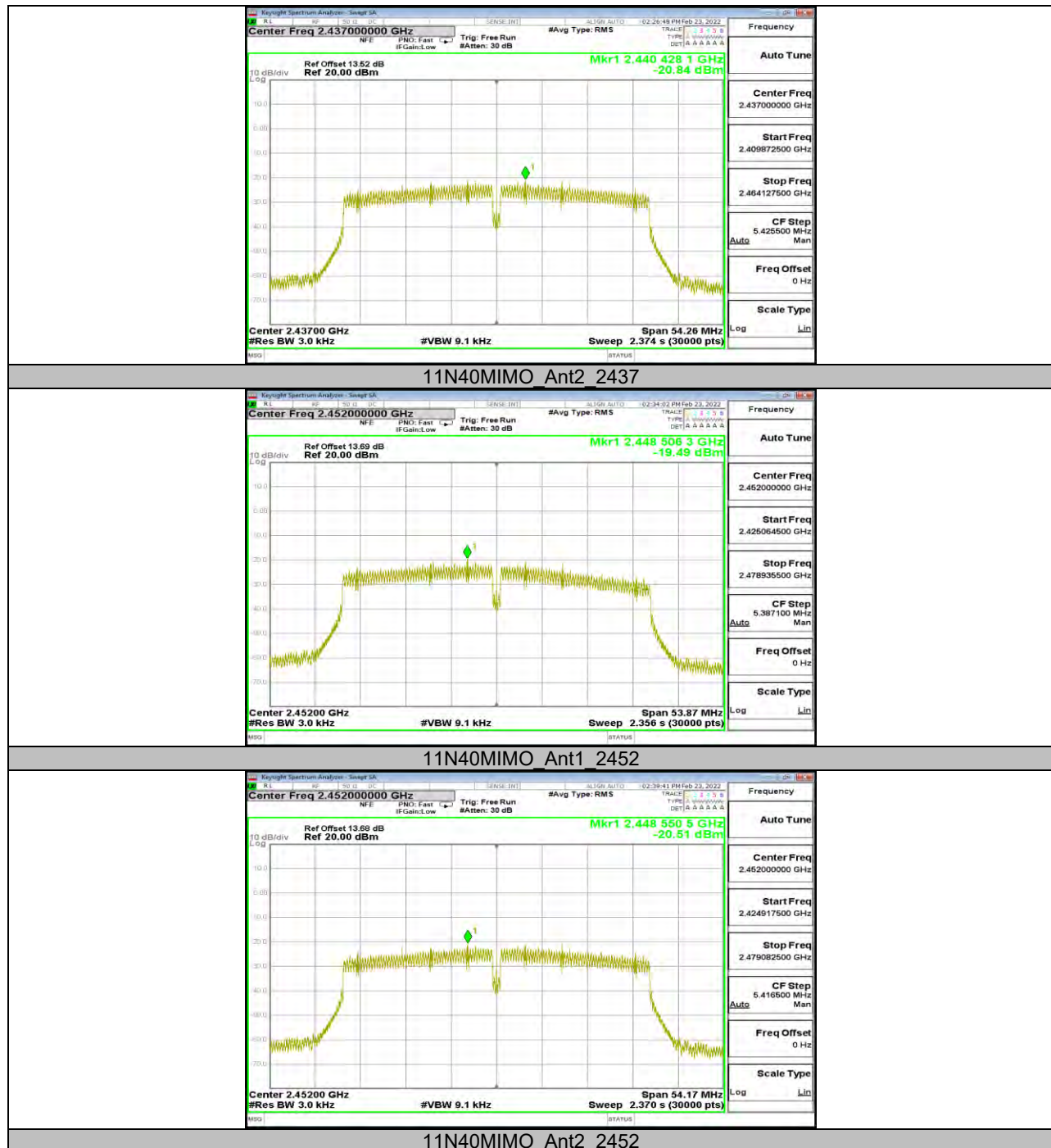
11G Ant1 2437

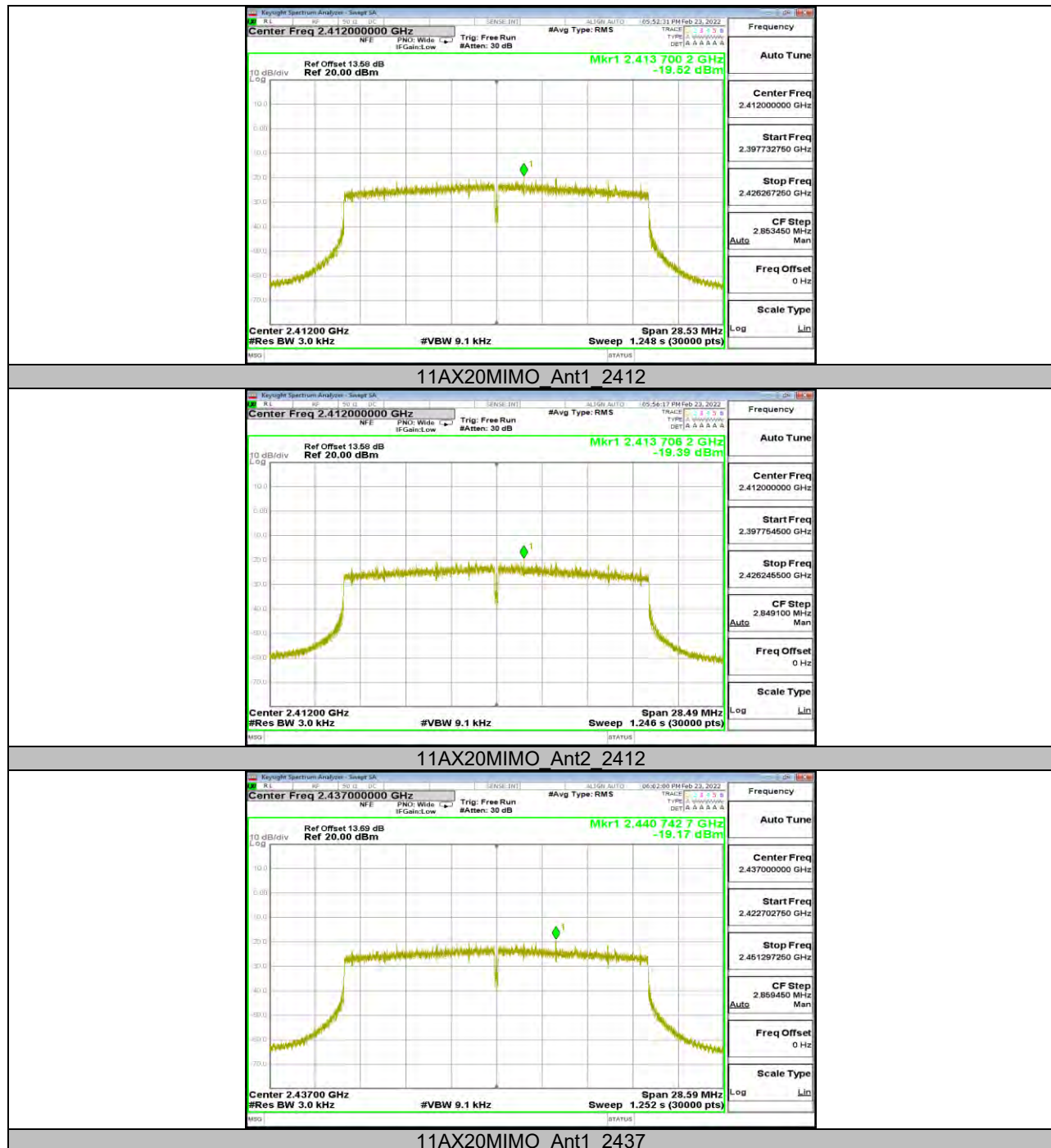


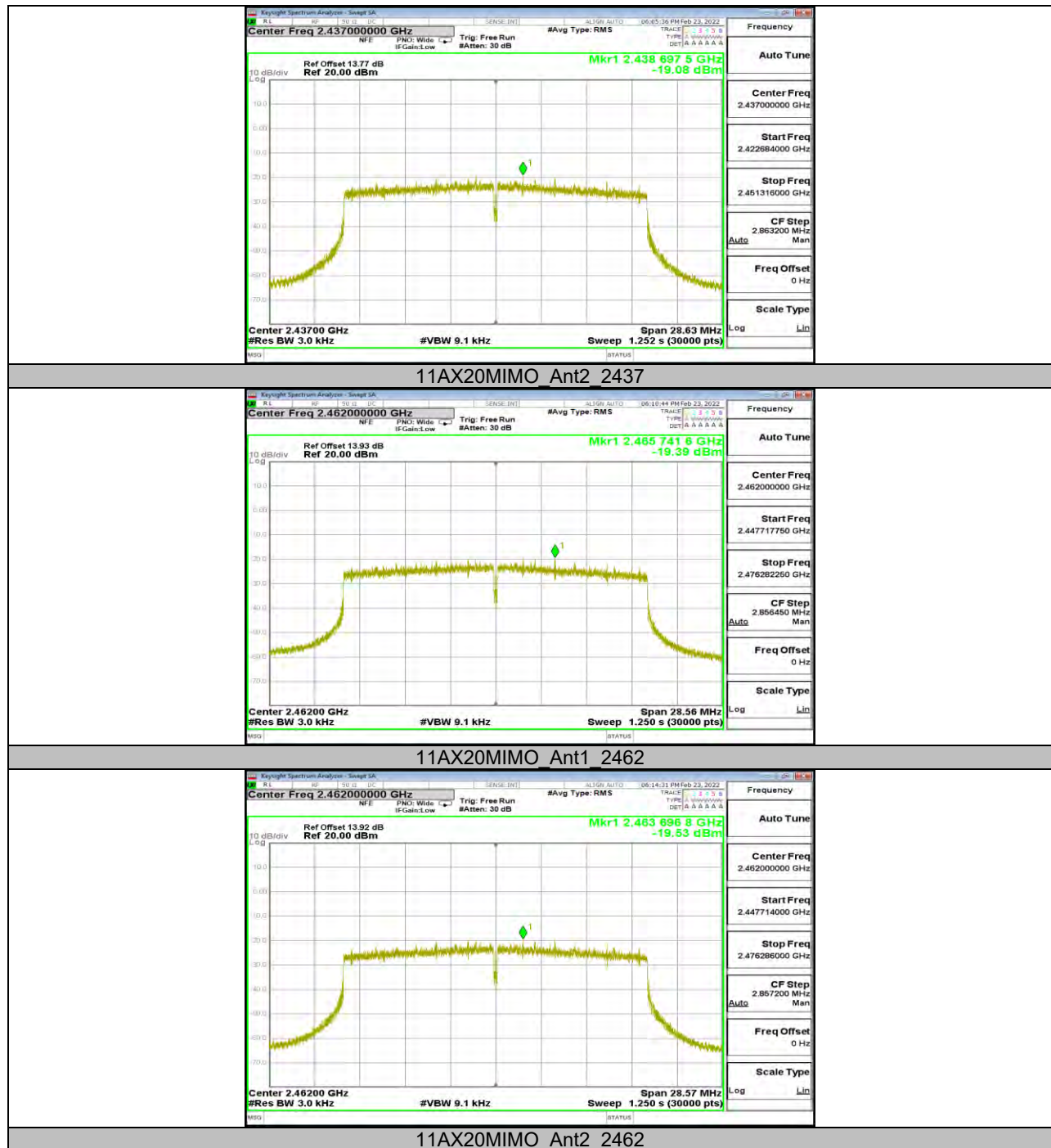


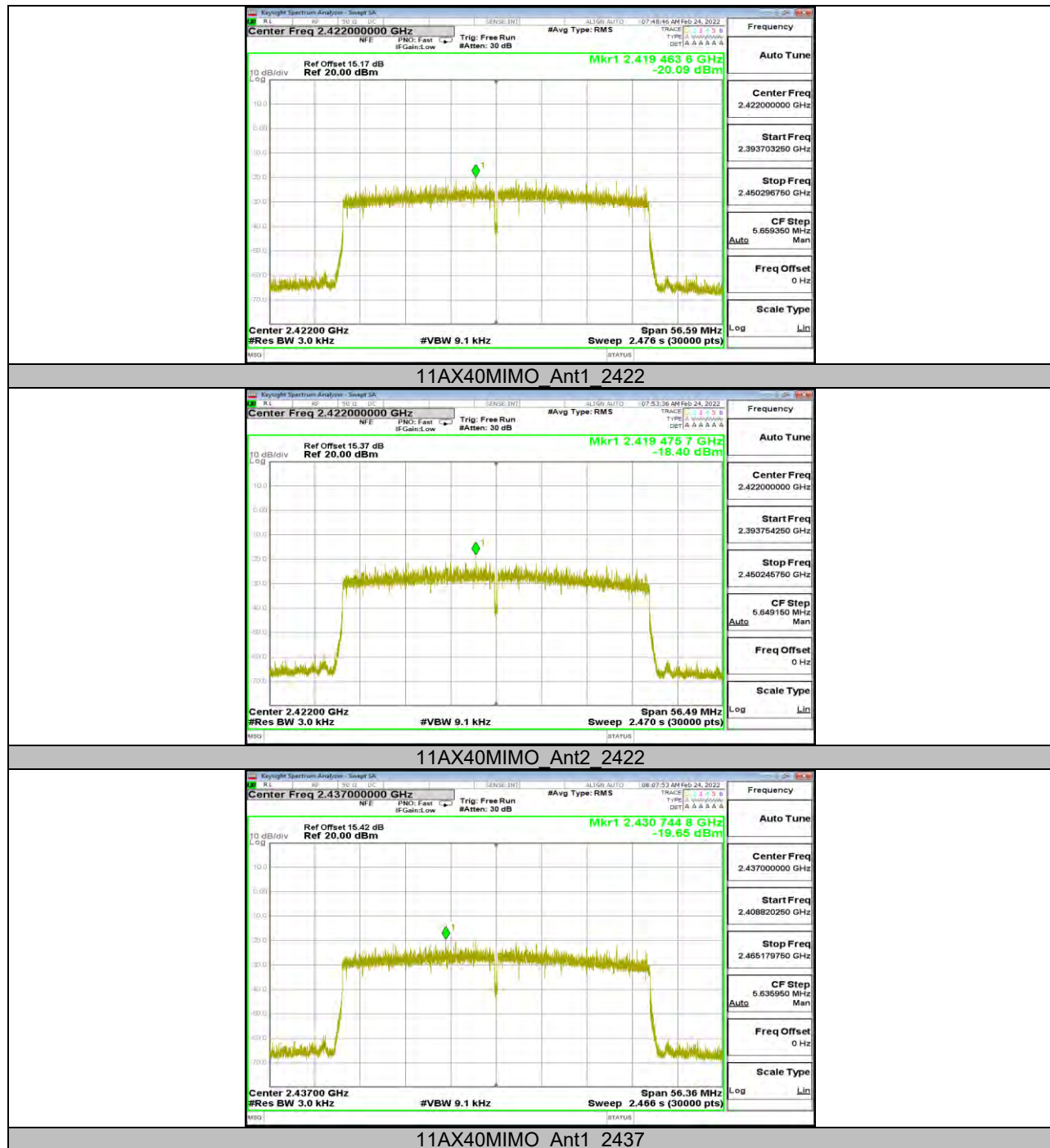


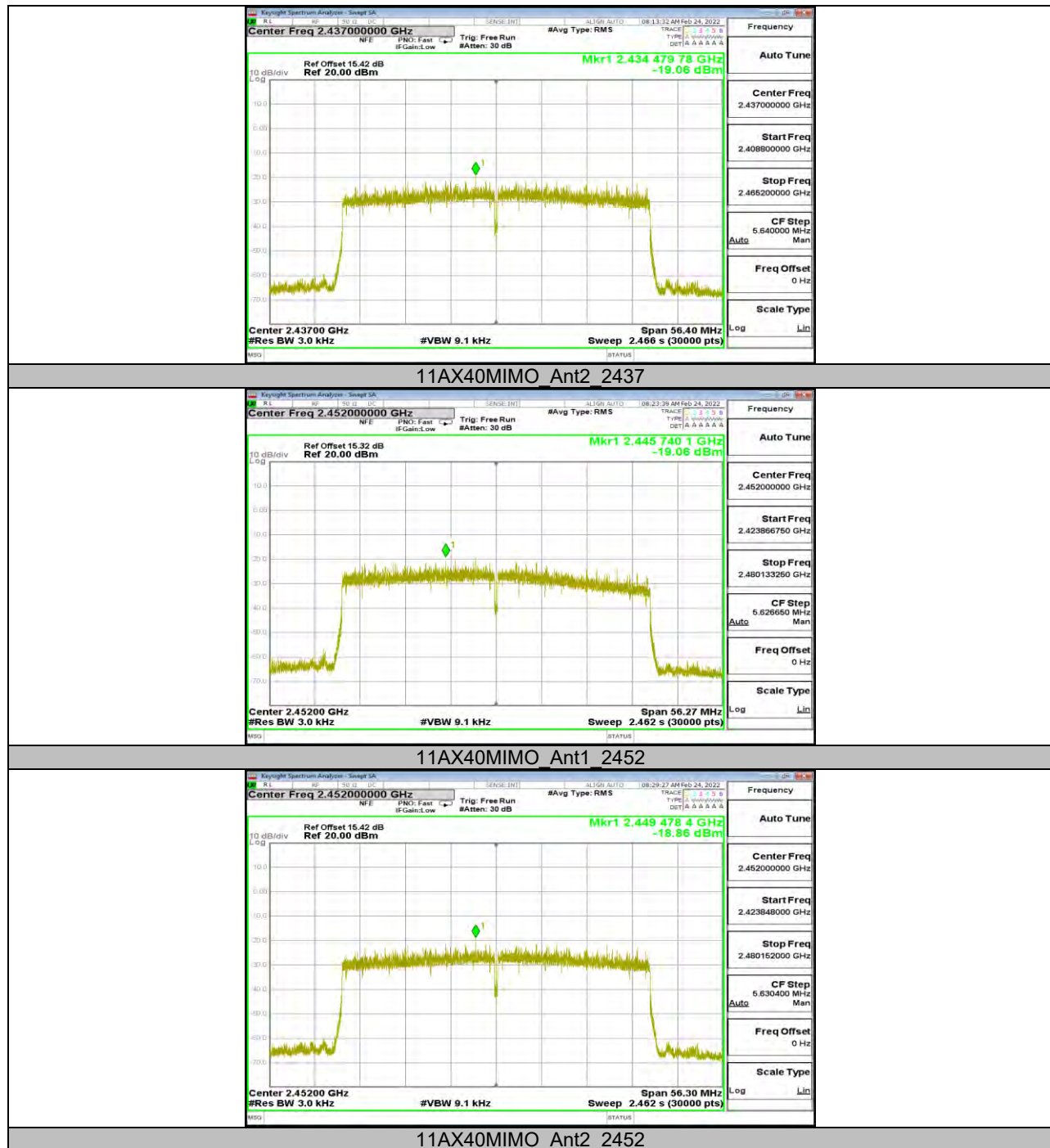










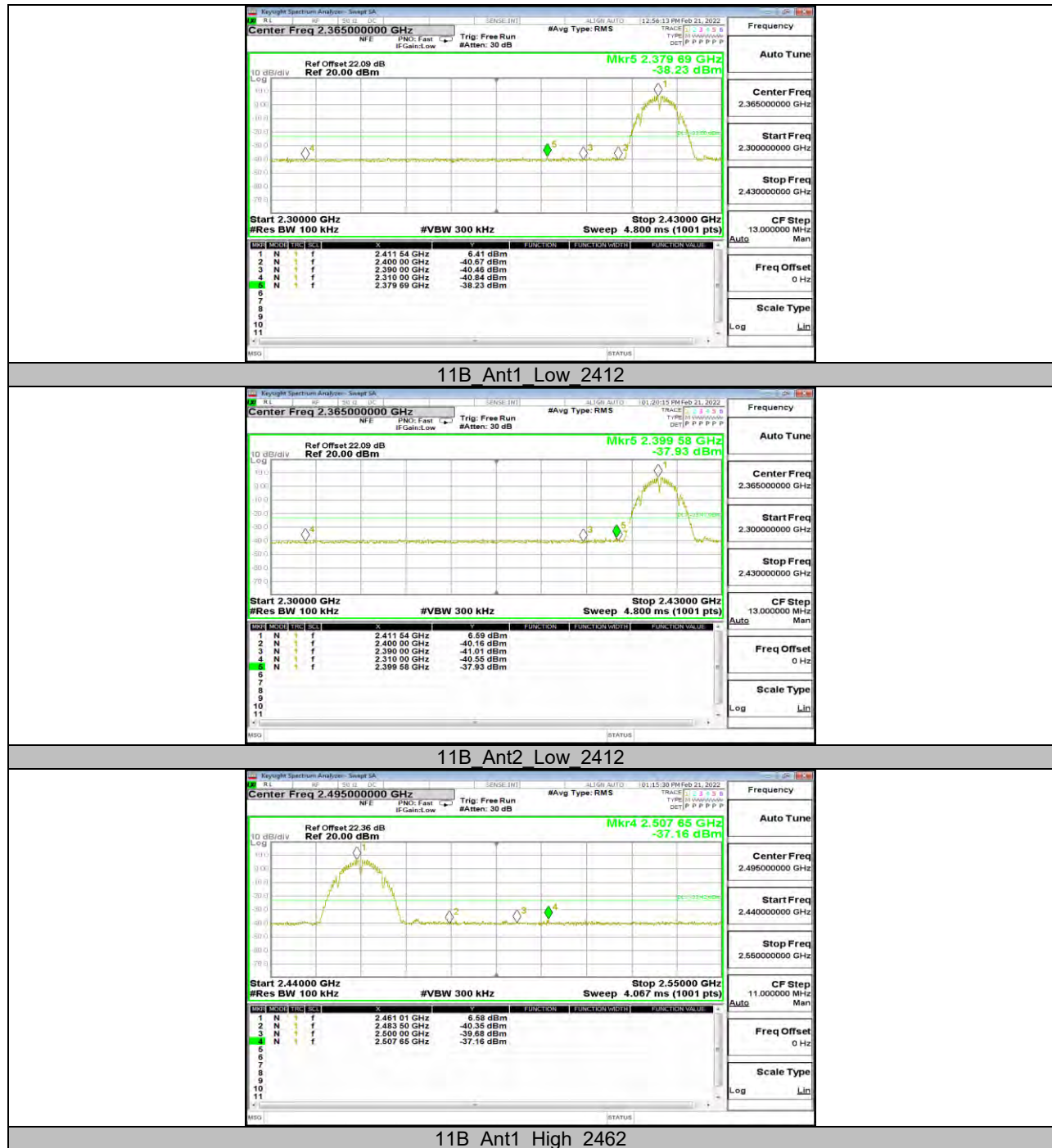


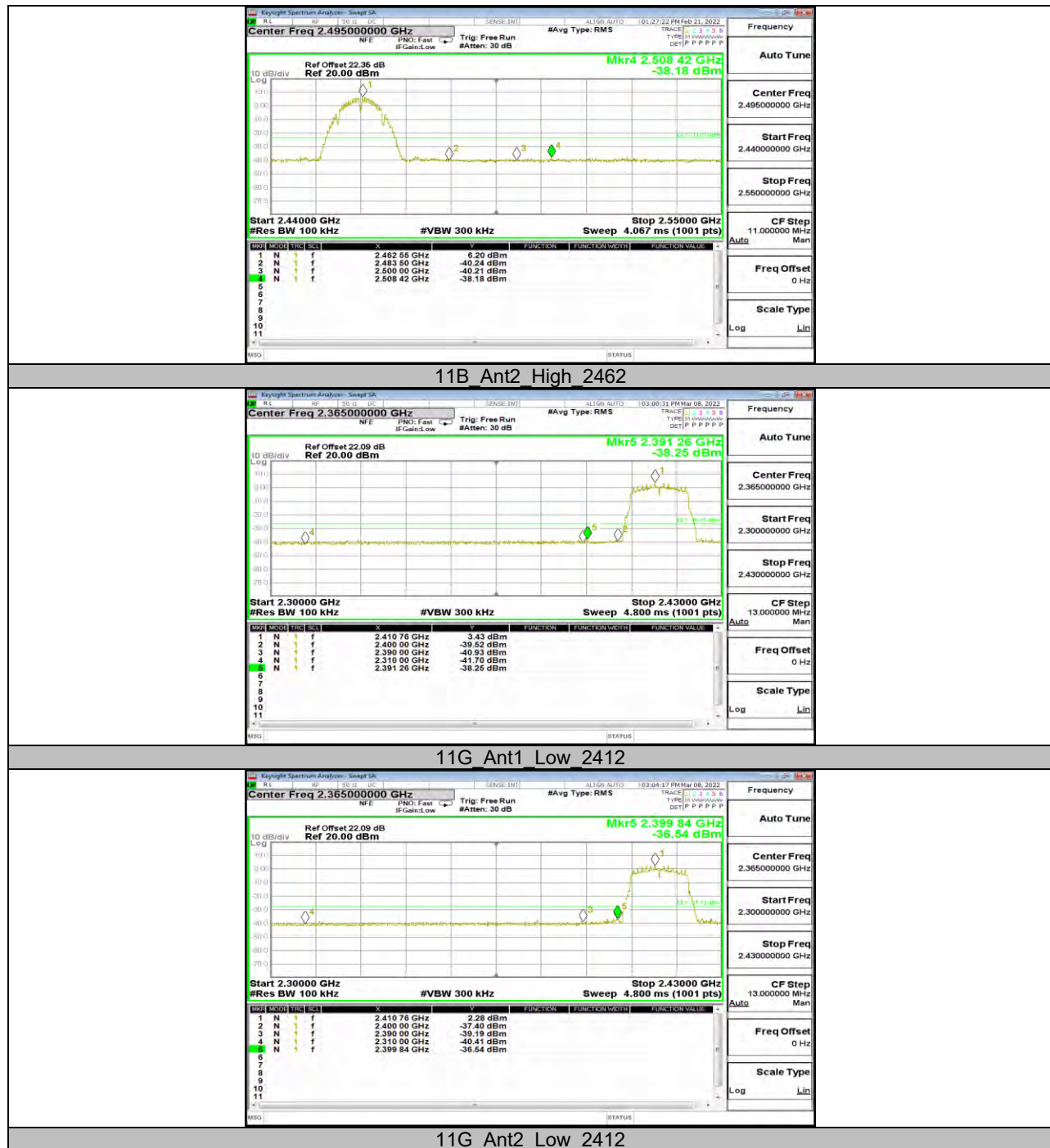
**11.5. Appendix E: Band edge measurements****11.5.1. Test Result**

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.41	-38.23	≤-23.59	PASS
	Ant2	Low	2412	6.59	-37.93	≤-23.41	PASS
	Ant1	High	2462	6.58	-37.16	≤-23.42	PASS
	Ant2	High	2462	6.20	-38.18	≤-23.81	PASS
11G	Ant1	Low	2412	3.43	-38.25	≤-26.57	PASS
	Ant2	Low	2412	2.28	-36.54	≤-27.72	PASS
	Ant1	High	2462	3.53	-36.91	≤-26.47	PASS
	Ant2	High	2462	0.80	-38.15	≤-29.2	PASS
11N20MIMO	Ant1	Low	2412	3.44	-37.87	≤-26.56	PASS
	Ant2	Low	2412	2.37	-36.8	≤-27.63	PASS
	Ant1	High	2462	3.46	-37.32	≤-26.54	PASS
	Ant2	High	2462	2.23	-38.03	≤-27.77	PASS
11N40MIMO	Ant1	Low	2422	0.84	-36.03	≤-29.16	PASS
	Ant2	Low	2422	0.68	-35.29	≤-29.32	PASS
	Ant1	High	2452	1.40	-40.39	≤-28.6	PASS
	Ant2	High	2452	0.75	-37.83	≤-29.25	PASS
11AX20MIMO	Ant1	Low	2412	1.32	-38.34	≤-28.68	PASS
	Ant2	Low	2412	0.30	-36.74	≤-29.7	PASS
	Ant1	High	2462	1.29	-37.27	≤-28.71	PASS
	Ant2	High	2462	0.01	-36.93	≤-29.99	PASS
11AX40MIMO	Ant1	Low	2422	0.32	-34.15	≤-29.68	PASS
	Ant2	Low	2422	-0.46	-39.86	≤-30.46	PASS
	Ant1	High	2452	0.04	-41.45	≤-29.96	PASS
	Ant2	High	2452	-0.57	-42.52	≤-30.57	PASS



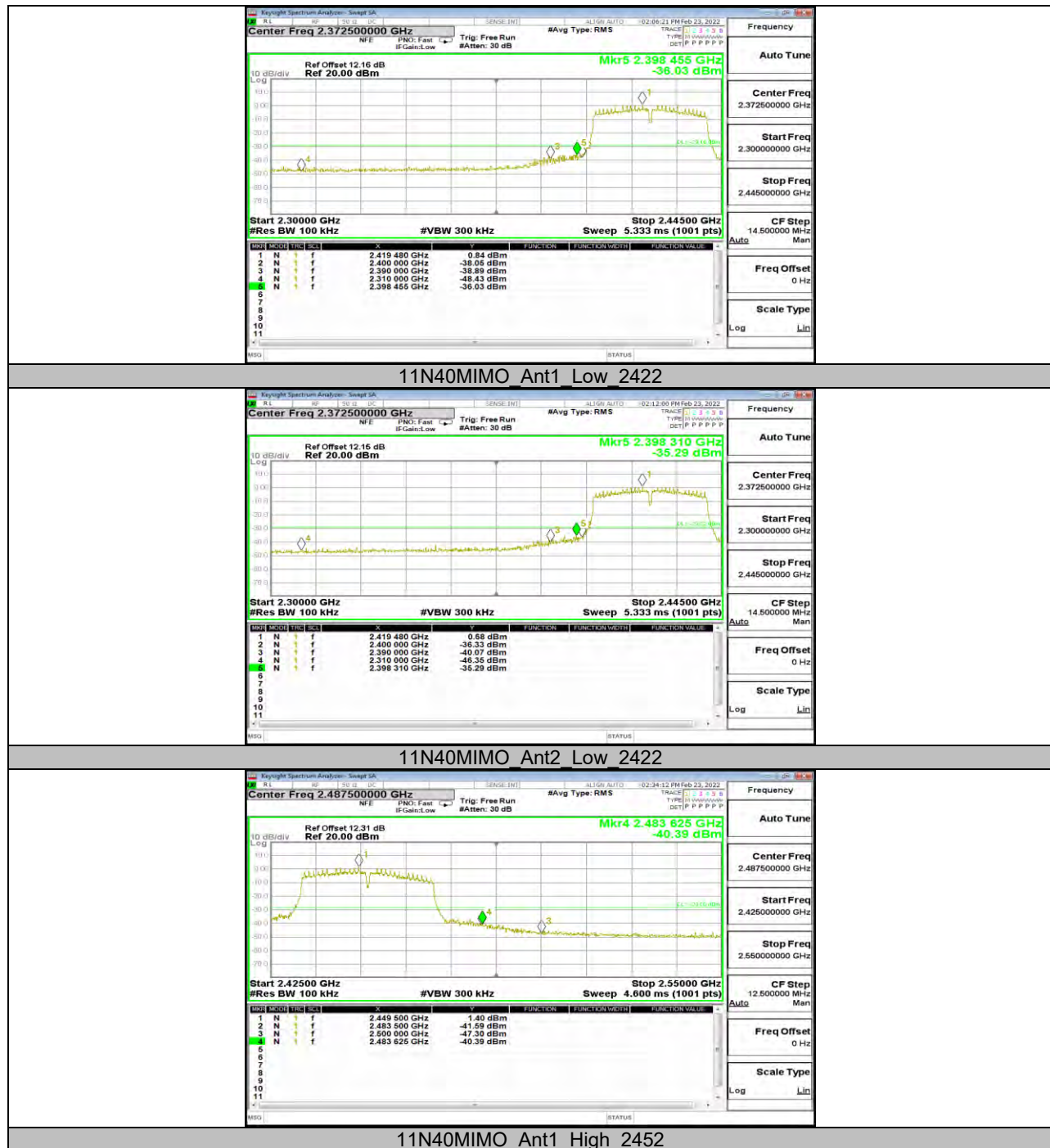
11.5.2. Test Graphs



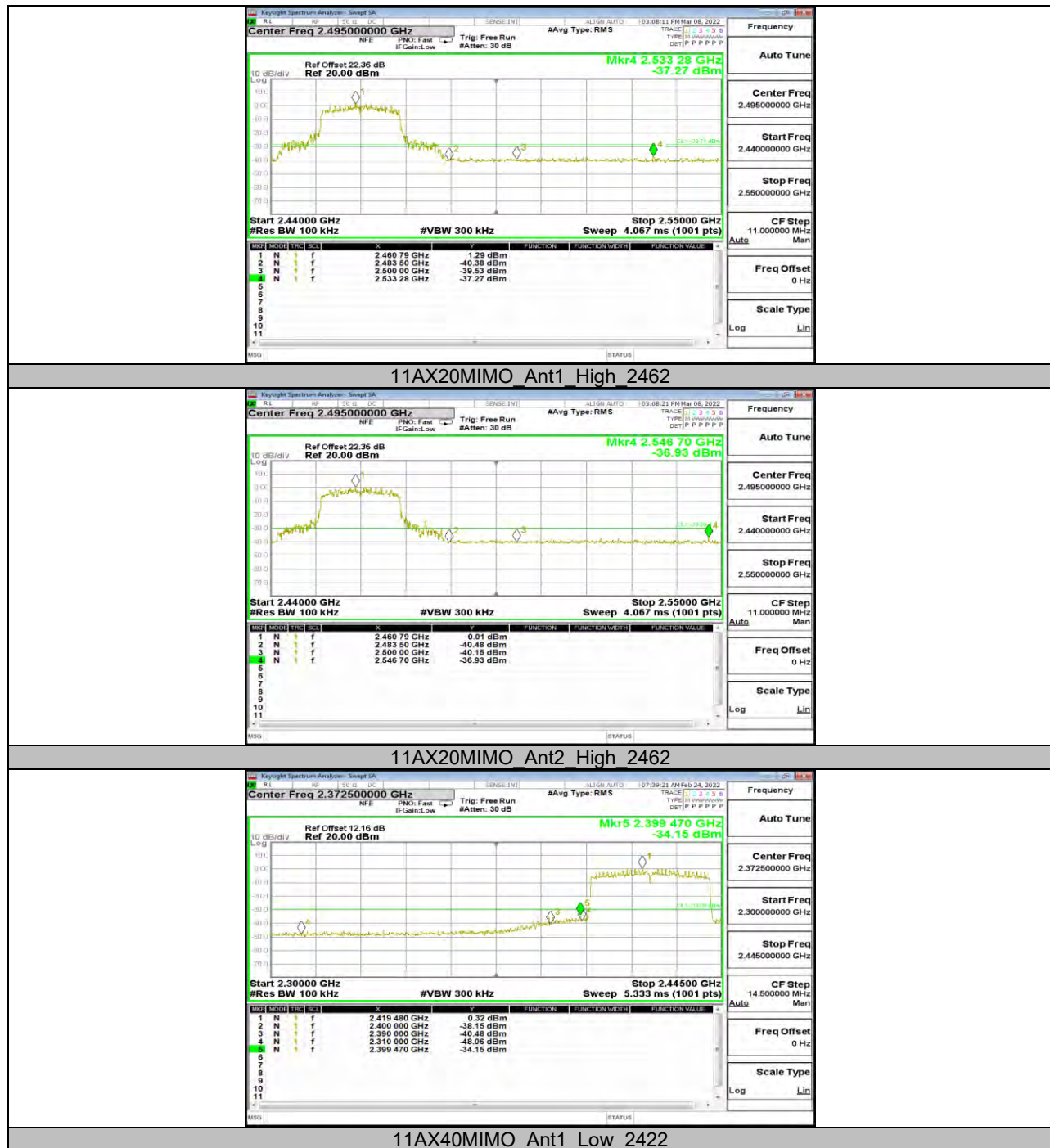


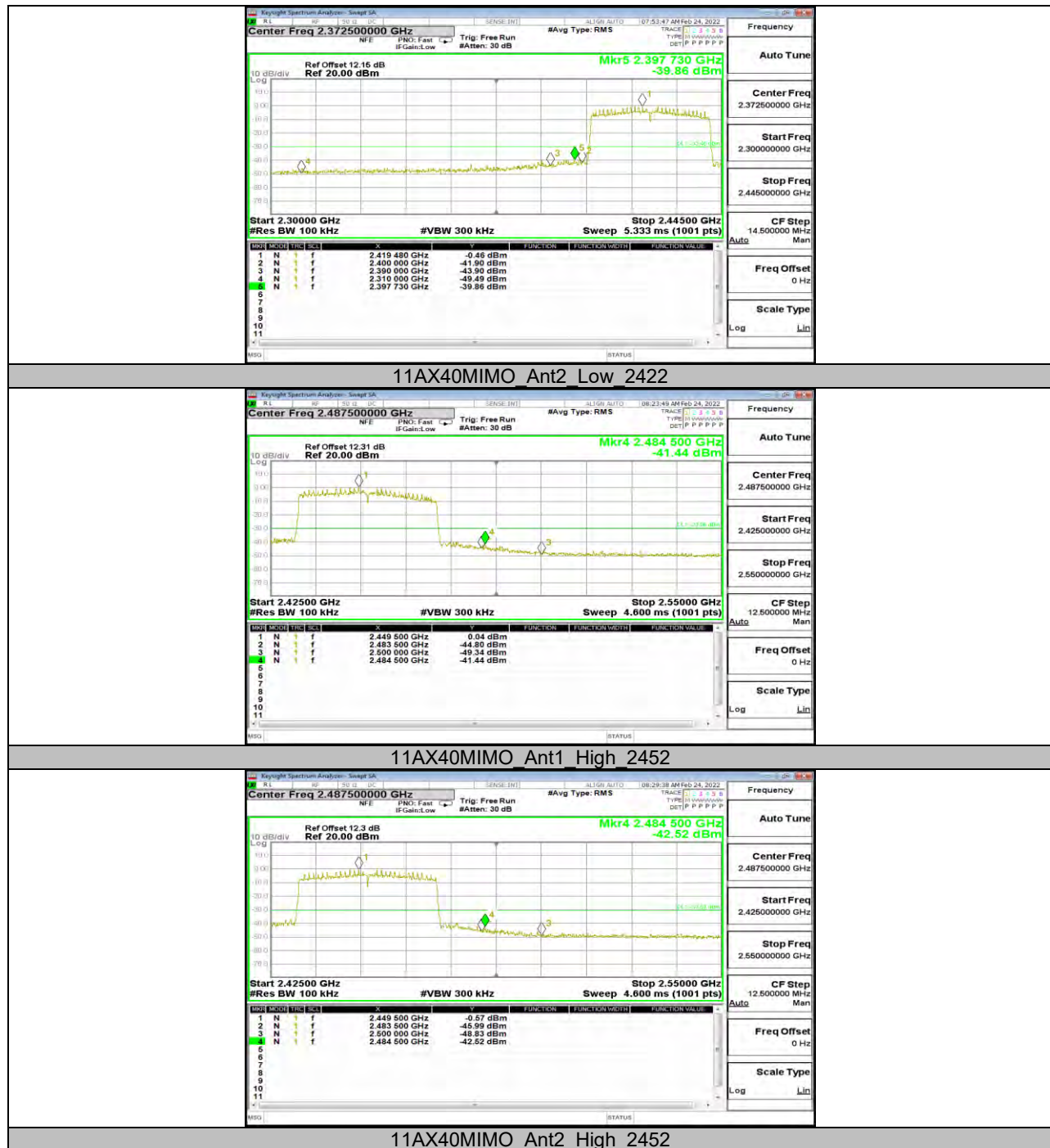












11.6. Appendix F: Conducted Spurious Emission

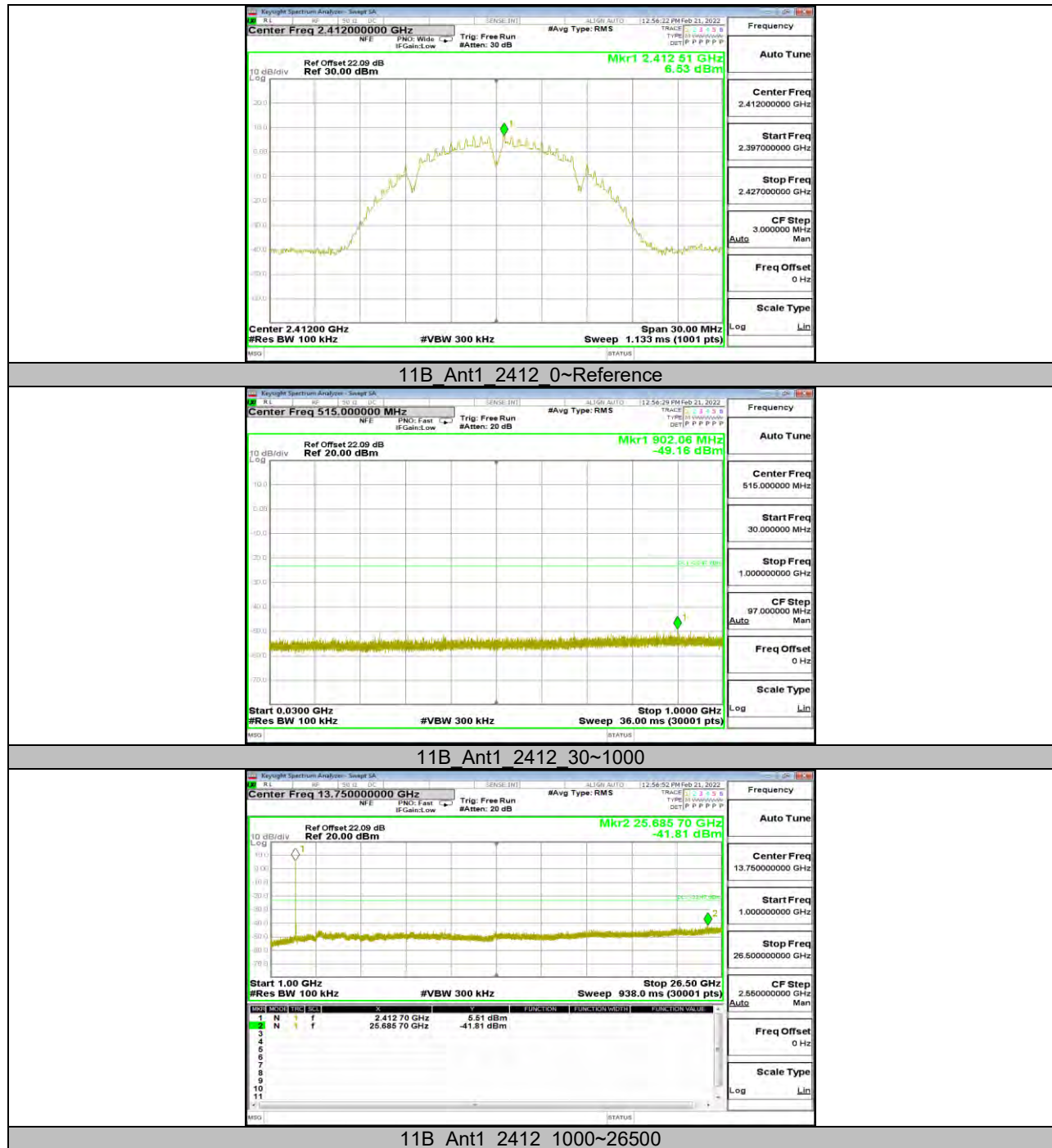
11.6.1. Test Result

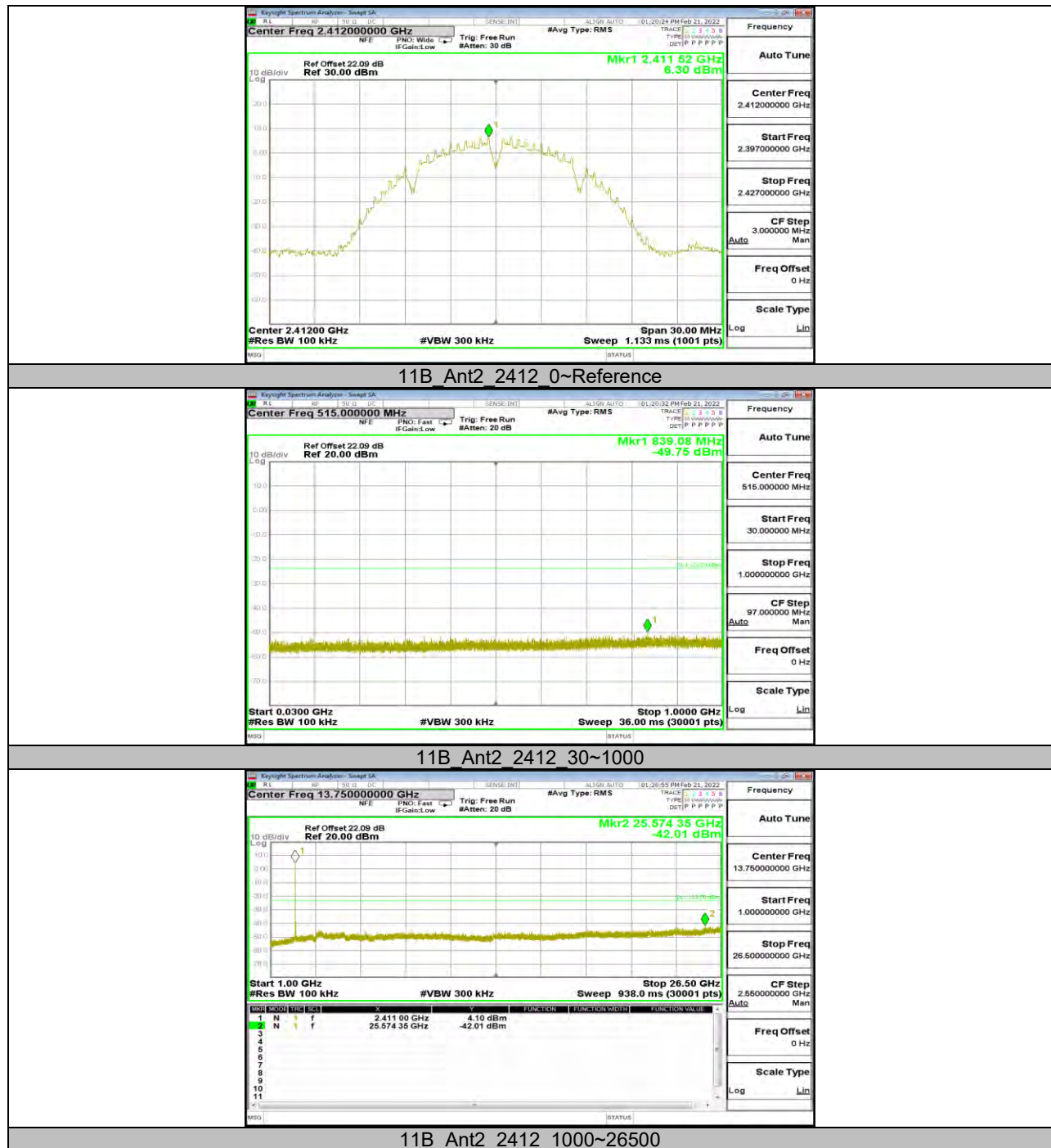
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.53	---	PASS
			30~1000	-49.16	≤ -23.47	PASS
			1000~26500	-41.81	≤ -23.47	PASS
	Ant2	2412	Reference	6.30	---	PASS
			30~1000	-49.75	≤ -23.7	PASS
			1000~26500	-42.01	≤ -23.7	PASS
	Ant1	2437	Reference	6.66	---	PASS
			30~1000	-50.08	≤ -23.34	PASS
			1000~26500	-41.34	≤ -23.34	PASS
	Ant2	2437	Reference	6.73	---	PASS
			30~1000	-49.98	≤ -23.27	PASS
			1000~26500	-41.93	≤ -23.27	PASS
	Ant1	2462	Reference	6.66	---	PASS
			30~1000	-49.45	≤ -23.34	PASS
			1000~26500	-41.95	≤ -23.34	PASS
	Ant2	2462	Reference	6.49	---	PASS
			30~1000	-50.02	≤ -23.51	PASS
			1000~26500	-41.72	≤ -23.51	PASS
11G	Ant1	2412	Reference	4.02	---	PASS
			30~1000	-50.39	≤ -25.98	PASS
			1000~26500	-41.94	≤ -25.98	PASS
	Ant2	2412	Reference	3.97	---	PASS
			30~1000	-60.82	≤ -26.03	PASS
			1000~26500	-48.02	≤ -26.03	PASS
	Ant1	2437	Reference	4.17	---	PASS
			30~1000	-60.43	≤ -25.83	PASS
			1000~26500	-49.59	≤ -25.83	PASS
	Ant2	2437	Reference	3.96	---	PASS
			30~1000	-60.32	≤ -26.04	PASS
			1000~26500	-49.25	≤ -26.04	PASS
	Ant1	2462	Reference	4.32	---	PASS
			30~1000	-59.6	≤ -25.68	PASS
			1000~26500	-49.25	≤ -25.68	PASS
	Ant2	2462	Reference	4.09	---	PASS
			30~1000	-59.82	≤ -25.91	PASS
			1000~26500	-49.65	≤ -25.91	PASS
11N20MIMO	Ant1	2412	Reference	4.05	---	PASS
			30~1000	-59.92	≤ -25.95	PASS
			1000~26500	-48.05	≤ -25.95	PASS
	Ant2	2412	Reference	4.05	---	PASS
			30~1000	-60.5	≤ -25.95	PASS
			1000~26500	-47.39	≤ -25.95	PASS
	Ant1	2437	Reference	4.23	---	PASS
			30~1000	-60.62	≤ -25.77	PASS
			1000~26500	-46.9	≤ -25.77	PASS
	Ant2	2437	Reference	4.00	---	PASS
			30~1000	-60.38	≤ -26	PASS
			1000~26500	-47.66	≤ -26	PASS
	Ant1	2462	Reference	4.14	---	PASS
			30~1000	-59.62	≤ -25.86	PASS
			1000~26500	-46.79	≤ -25.86	PASS
	Ant2	2462	Reference	4.25	---	PASS
			30~1000	-60.29	≤ -25.75	PASS

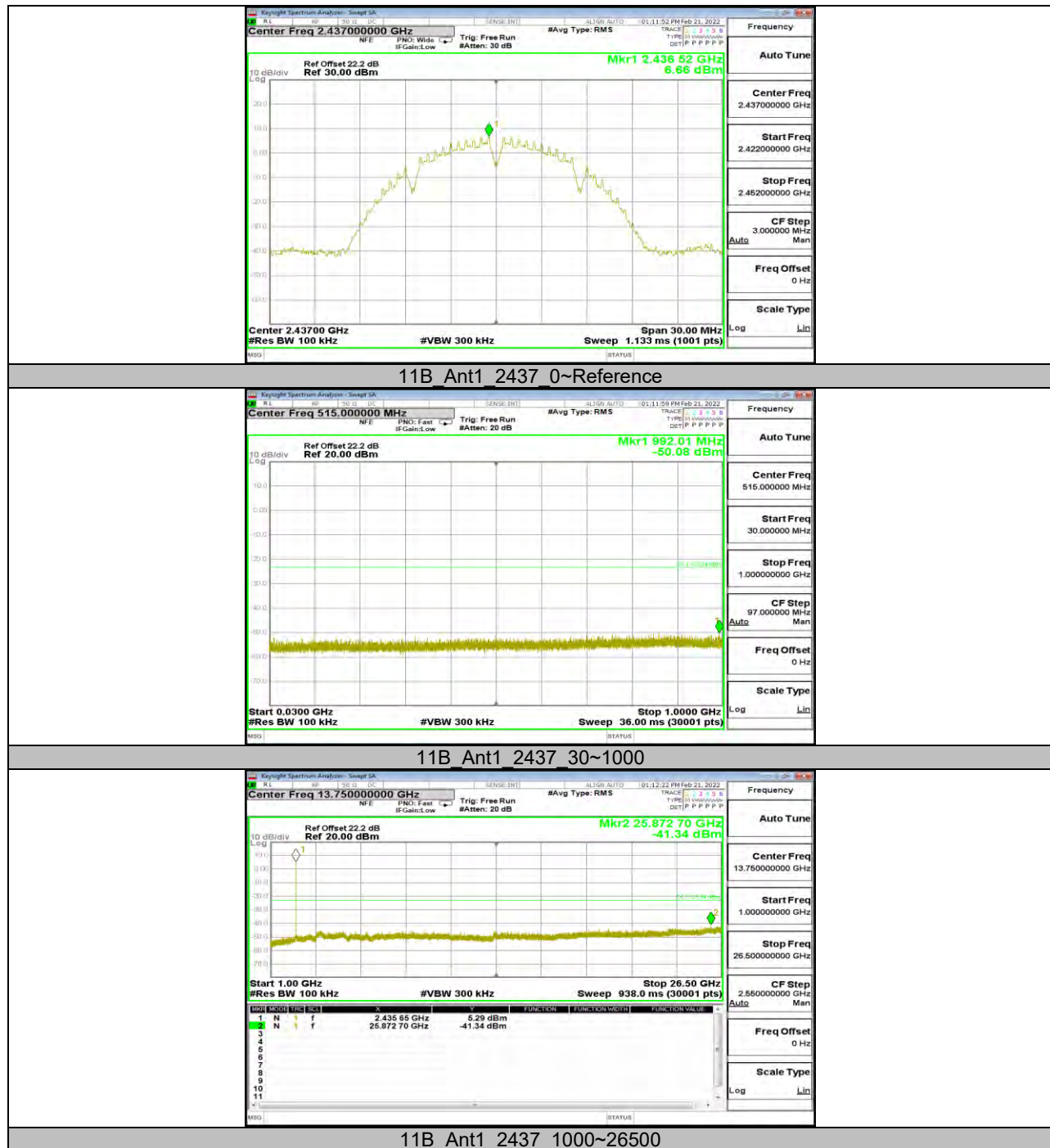


			1000~26500	-47.06	≤ -25.75	PASS
11N40MIMO	Ant1	2422	Reference	0.94	---	PASS
			30~1000	-60.13	≤ -29.06	PASS
			1000~26500	-50.27	≤ -29.06	PASS
	Ant2	2422	Reference	0.80	---	PASS
			30~1000	-60.27	≤ -29.2	PASS
			1000~26500	-50.65	≤ -29.2	PASS
	Ant1	2437	Reference	1.07	---	PASS
			30~1000	-58.96	≤ -28.93	PASS
			1000~26500	-51.57	≤ -28.93	PASS
	Ant2	2437	Reference	0.77	---	PASS
			30~1000	-60.28	≤ -29.23	PASS
			1000~26500	-49.33	≤ -29.23	PASS
	Ant1	2452	Reference	1.15	---	PASS
			30~1000	-59.97	≤ -28.85	PASS
			1000~26500	-50.59	≤ -28.85	PASS
11AX20MIMO	Ant1	2412	Reference	0.77	---	PASS
			30~1000	-59.93	≤ -29.23	PASS
			1000~26500	-49.15	≤ -29.23	PASS
	Ant2	2412	Reference	1.73	---	PASS
			30~1000	-60.15	≤ -28.27	PASS
			1000~26500	-48.99	≤ -28.27	PASS
	Ant2	2412	Reference	1.52	---	PASS
			30~1000	-60.29	≤ -28.48	PASS
			1000~26500	-49.22	≤ -28.48	PASS
	Ant1	2437	Reference	1.95	---	PASS
			30~1000	-59.83	≤ -28.05	PASS
			1000~26500	-48.11	≤ -28.05	PASS
	Ant2	2437	Reference	1.86	---	PASS
			30~1000	-59.83	≤ -28.14	PASS
			1000~26500	-49.72	≤ -28.14	PASS
11AX40MIMO	Ant1	2462	Reference	2.04	---	PASS
			30~1000	-60.06	≤ -27.96	PASS
			1000~26500	-47.54	≤ -27.96	PASS
	Ant2	2462	Reference	1.81	---	PASS
			30~1000	-58.22	≤ -28.19	PASS
			1000~26500	-50.3	≤ -28.19	PASS
	Ant1	2422	Reference	0.29	---	PASS
			30~1000	-59.93	≤ -29.71	PASS
			1000~26500	-51.37	≤ -29.71	PASS
	Ant2	2422	Reference	-0.42	---	PASS
			30~1000	-60.23	≤ -30.42	PASS
			1000~26500	-51.91	≤ -30.42	PASS
	Ant1	2437	Reference	-0.33	---	PASS
			30~1000	-60.77	≤ -30.33	PASS
			1000~26500	-51.16	≤ -30.33	PASS
	Ant2	2437	Reference	-0.62	---	PASS
			30~1000	-60.29	≤ -30.62	PASS
			1000~26500	-51.92	≤ -30.62	PASS
	Ant1	2452	Reference	-0.05	---	PASS
			30~1000	-60.04	≤ -30.05	PASS
			1000~26500	-51.68	≤ -30.05	PASS
	Ant2	2452	Reference	-0.60	---	PASS
			30~1000	-60.43	≤ -30.6	PASS
			1000~26500	-51.36	≤ -30.6	PASS

11.6.2. Test Graphs

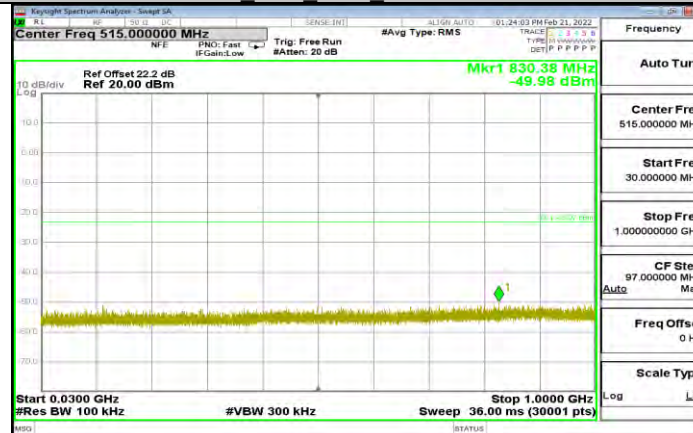




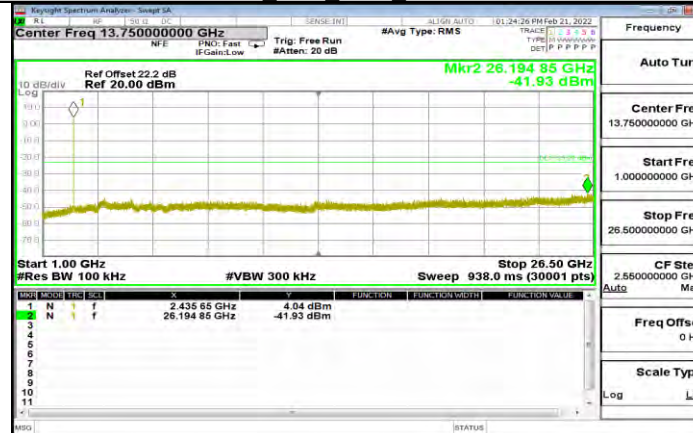




11B_Ant2_2437_0~Reference



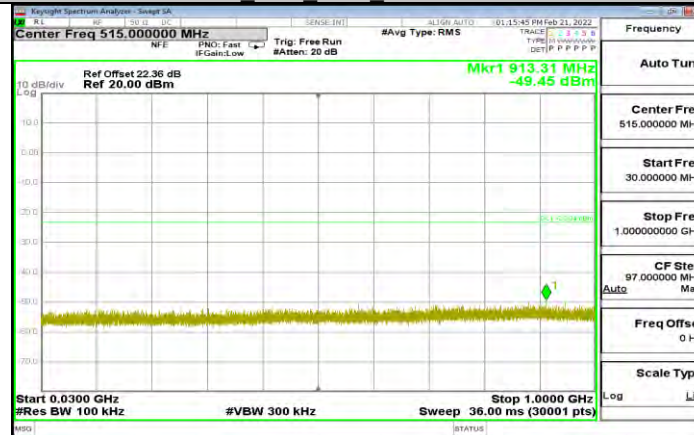
11B_Ant2_2437_30~1000



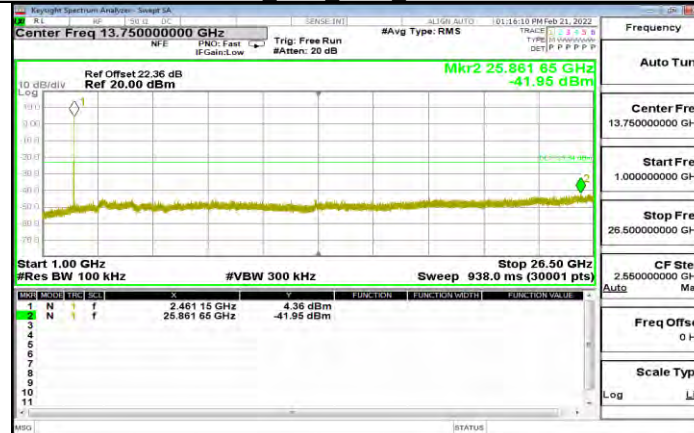
11B_Ant2_2437_1000~26500



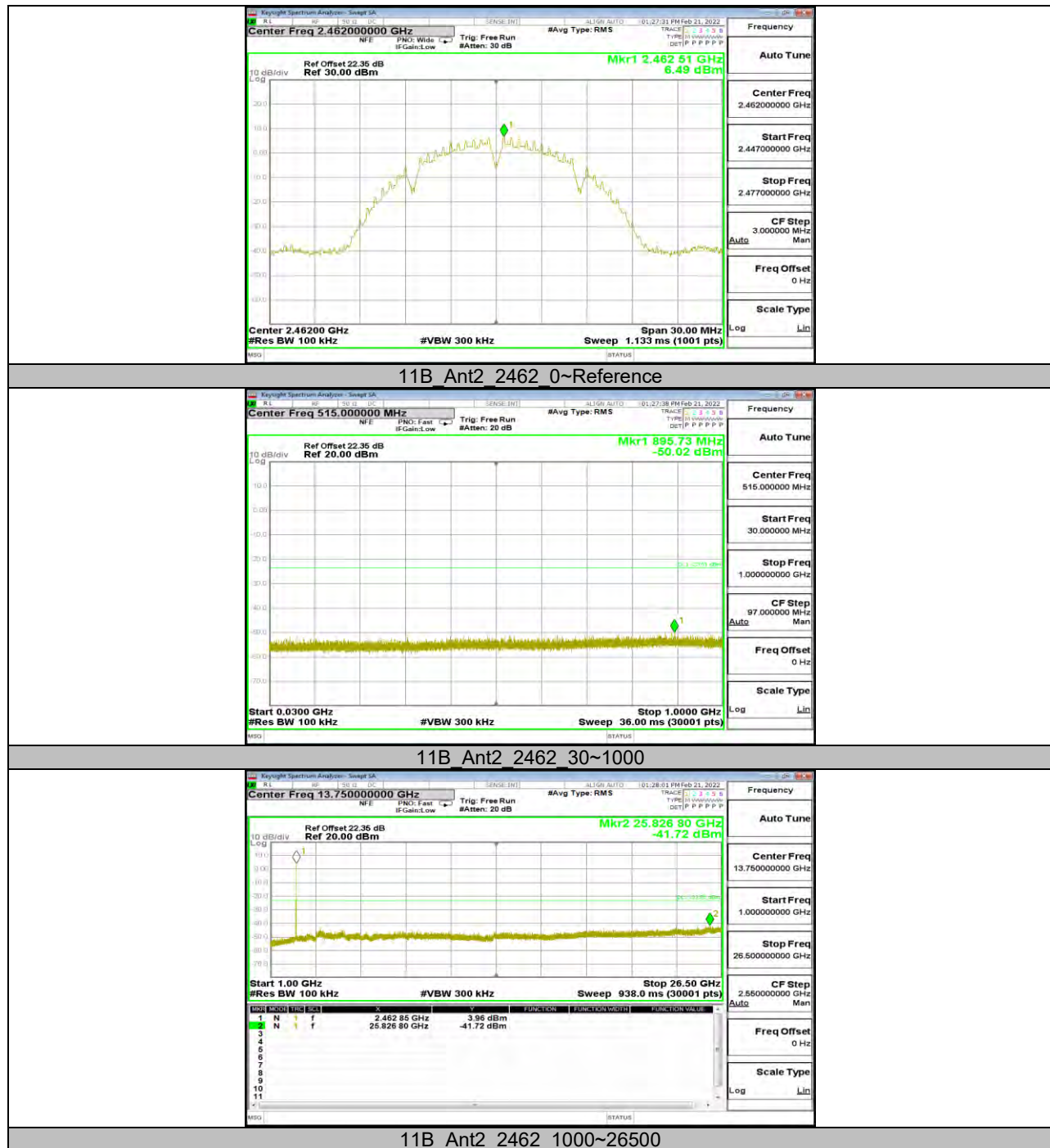
11B_Ant1_2462_0~Reference

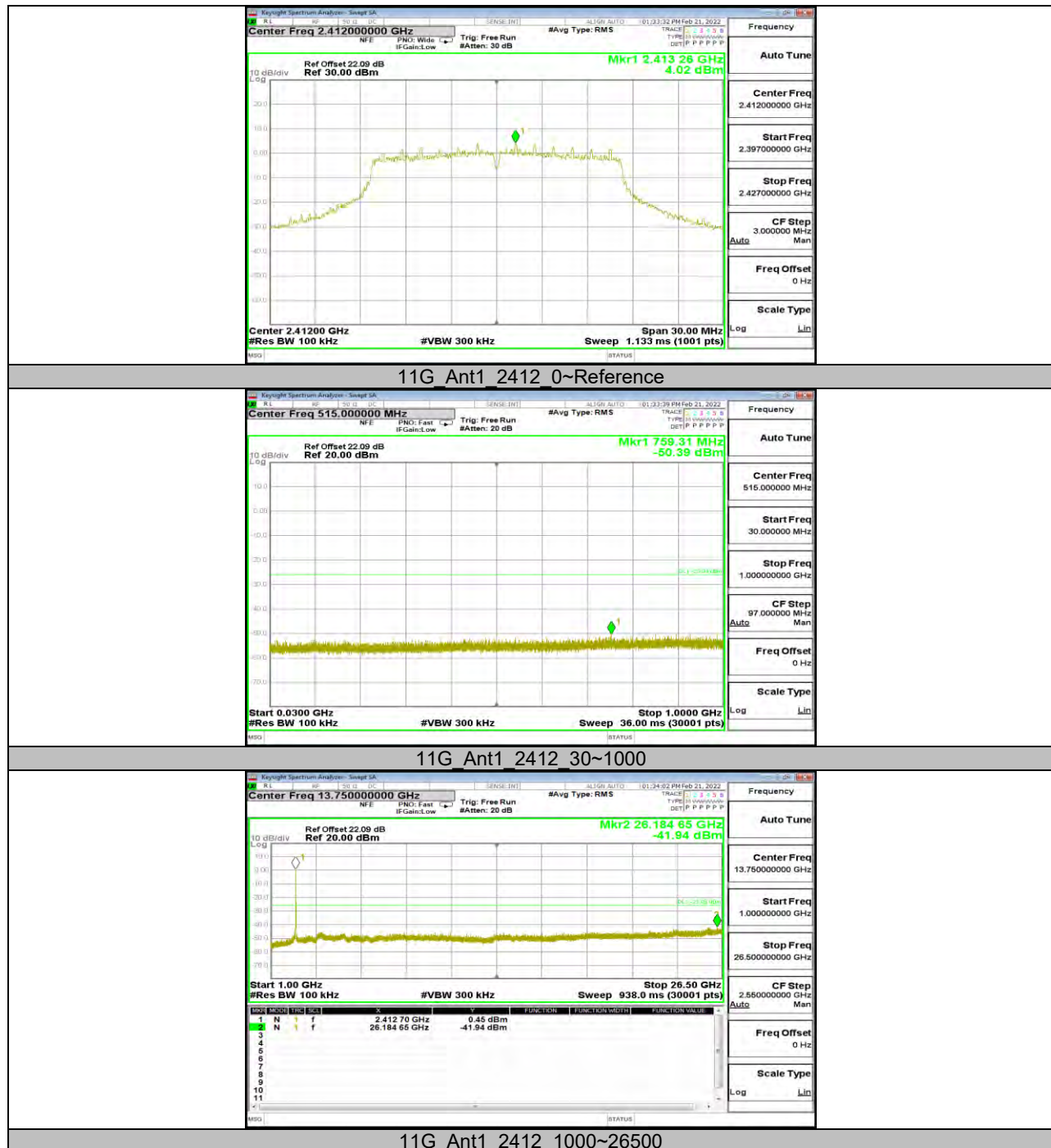


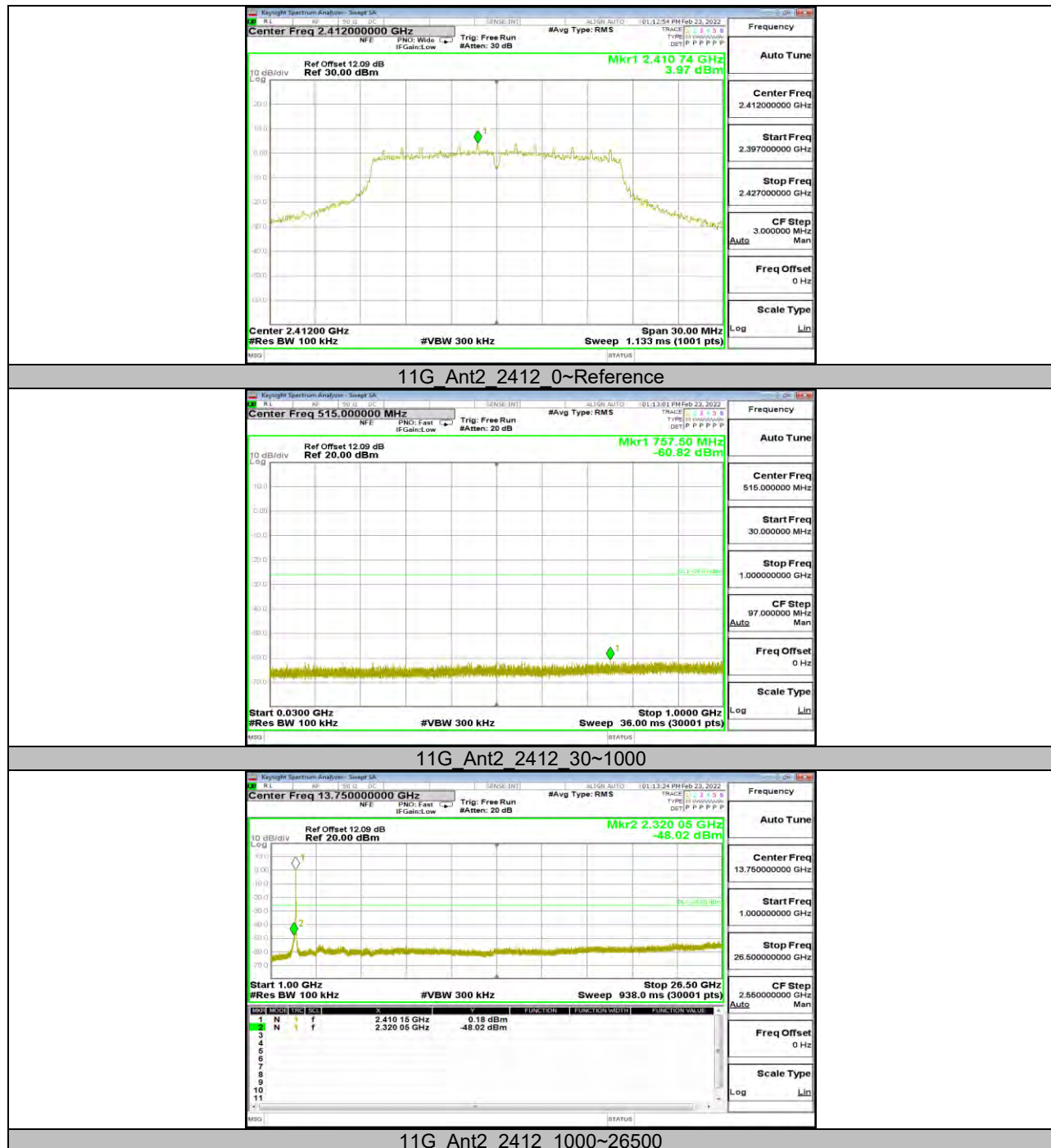
11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

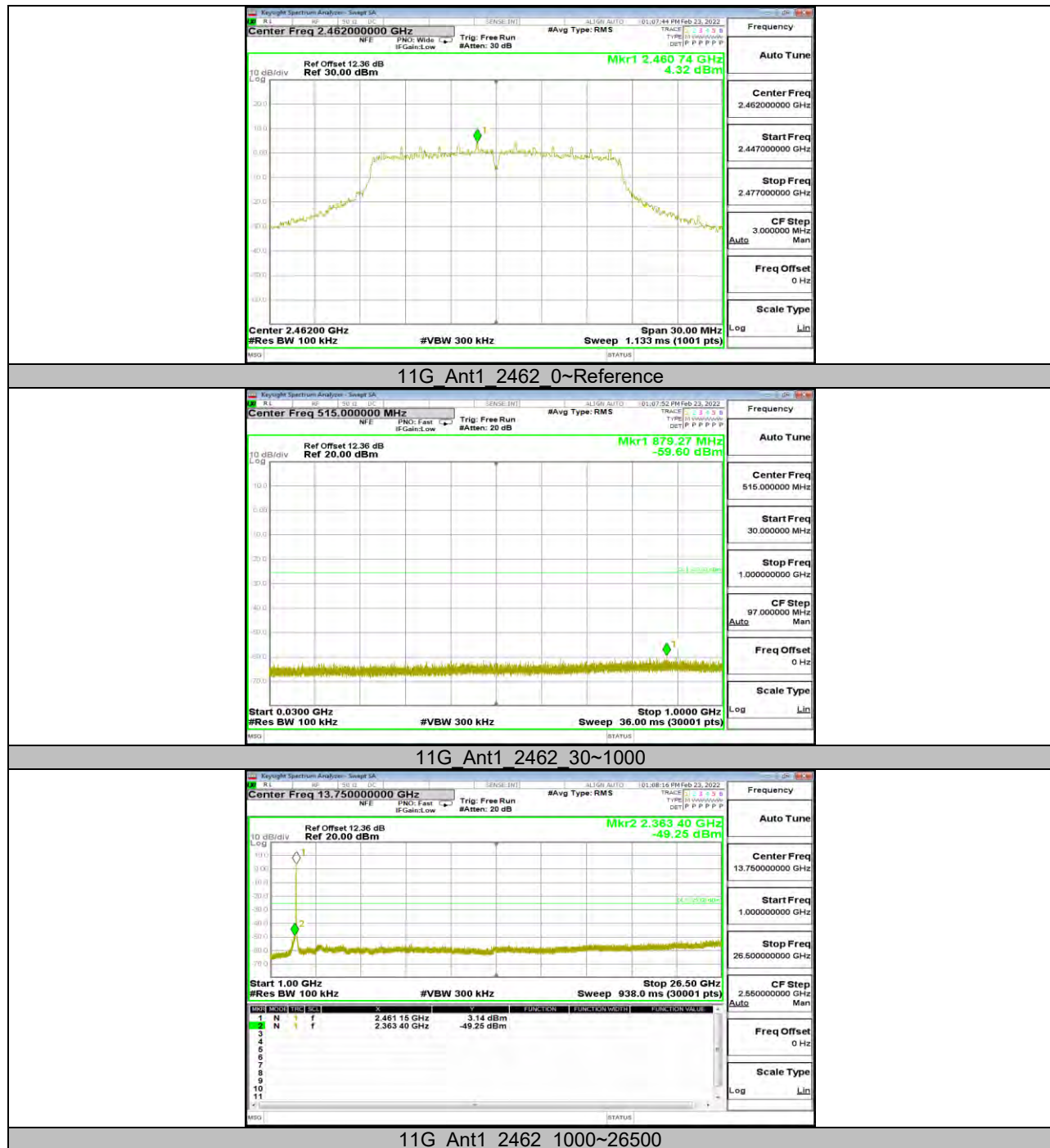






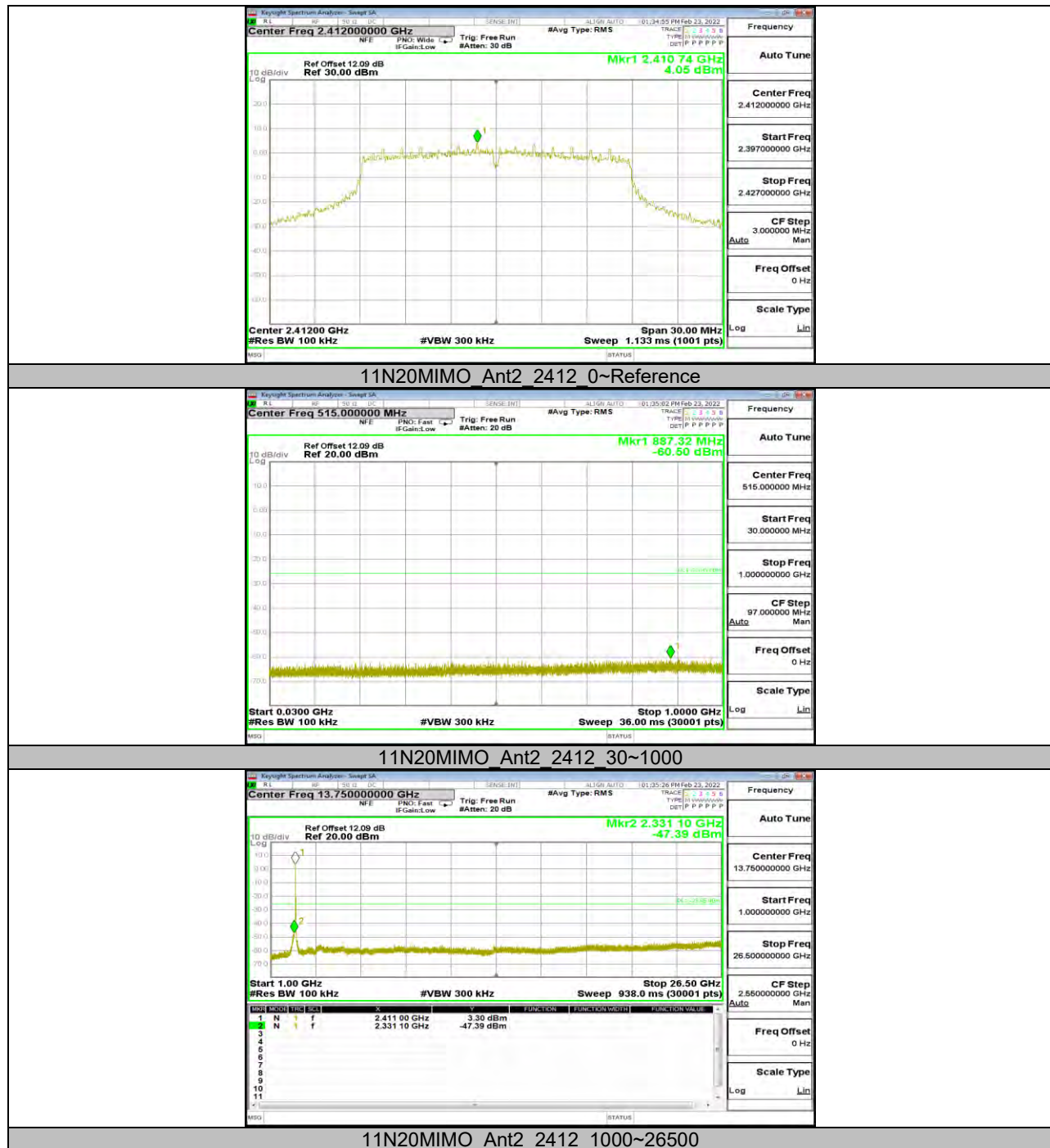






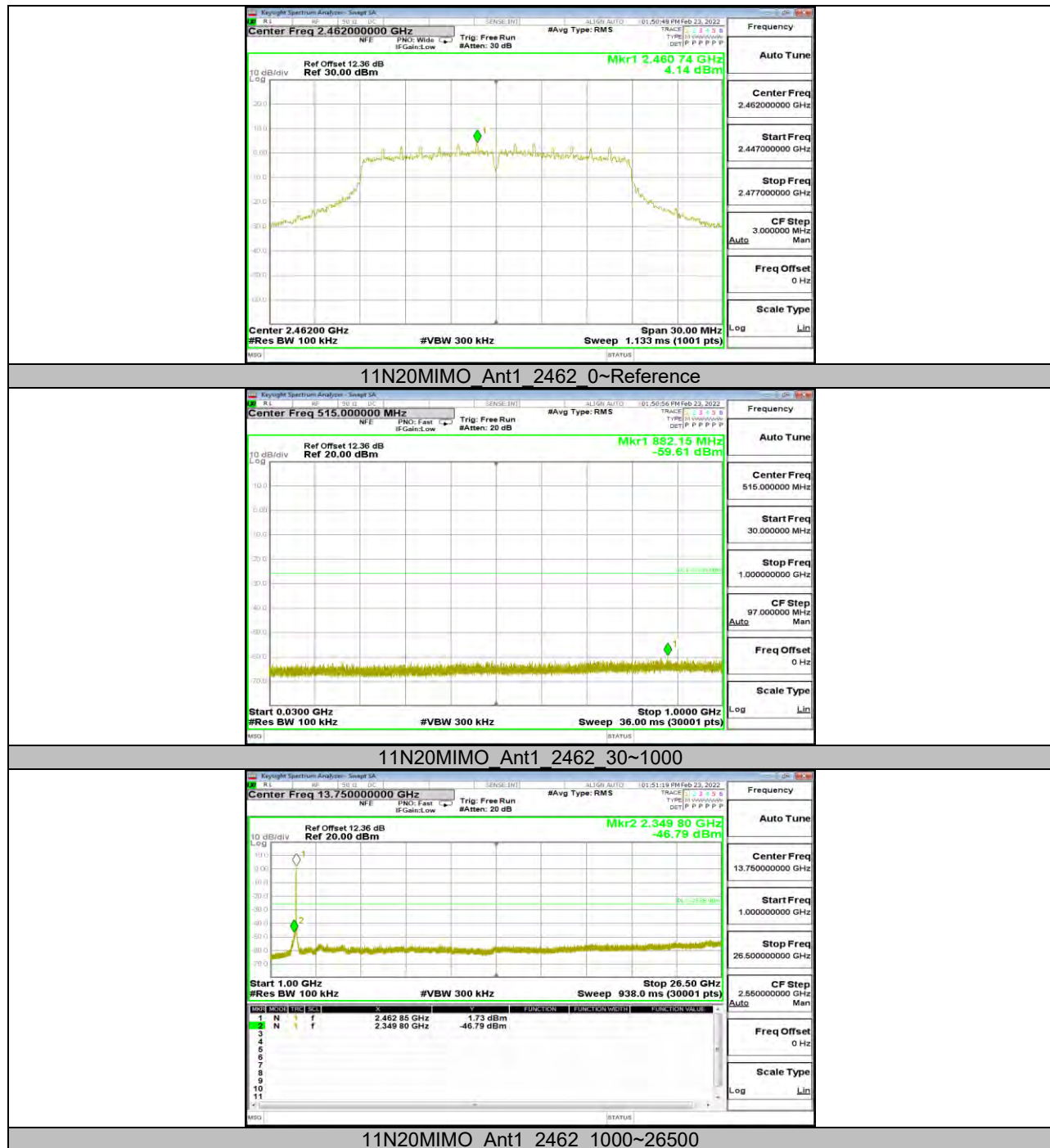


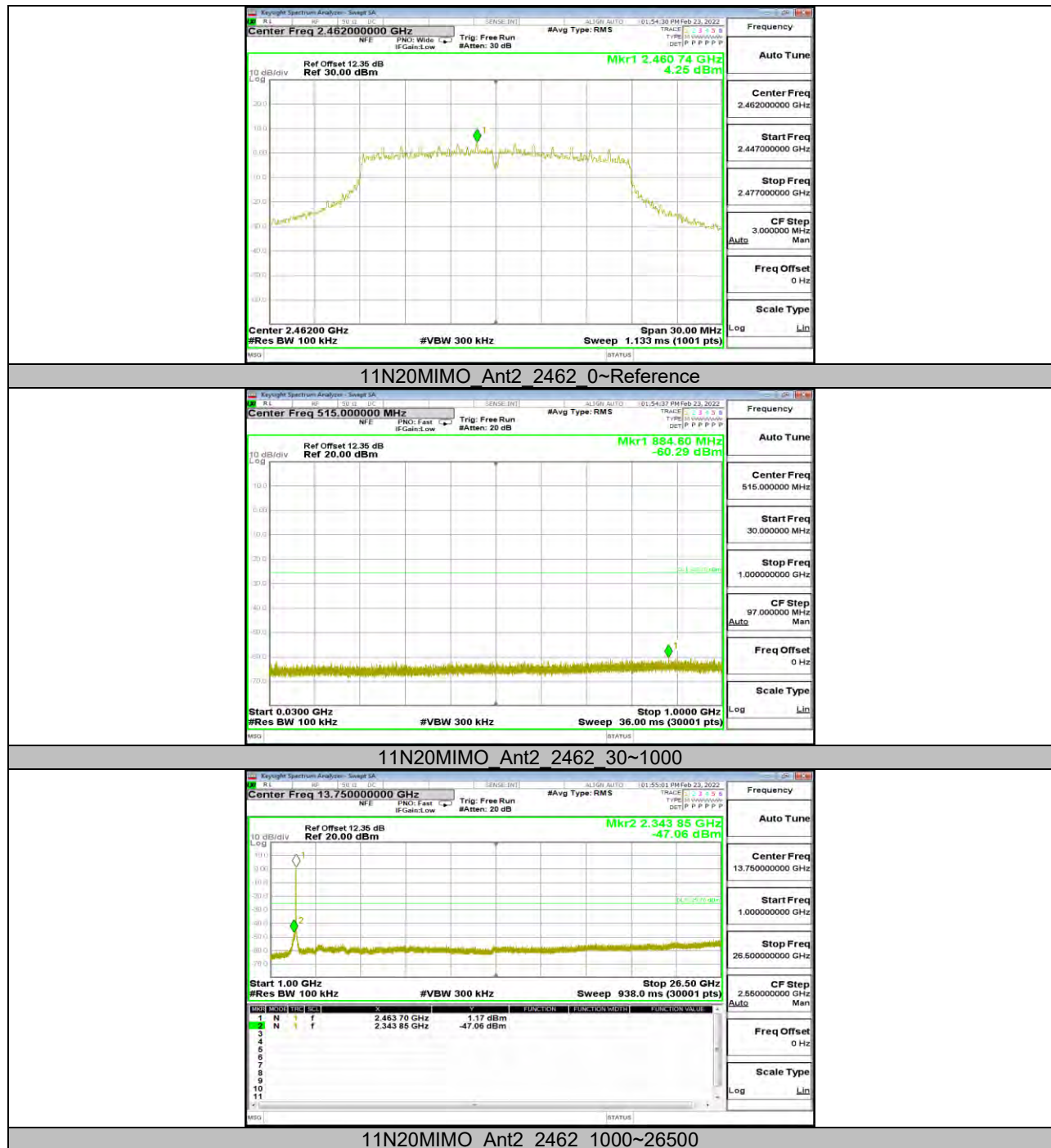


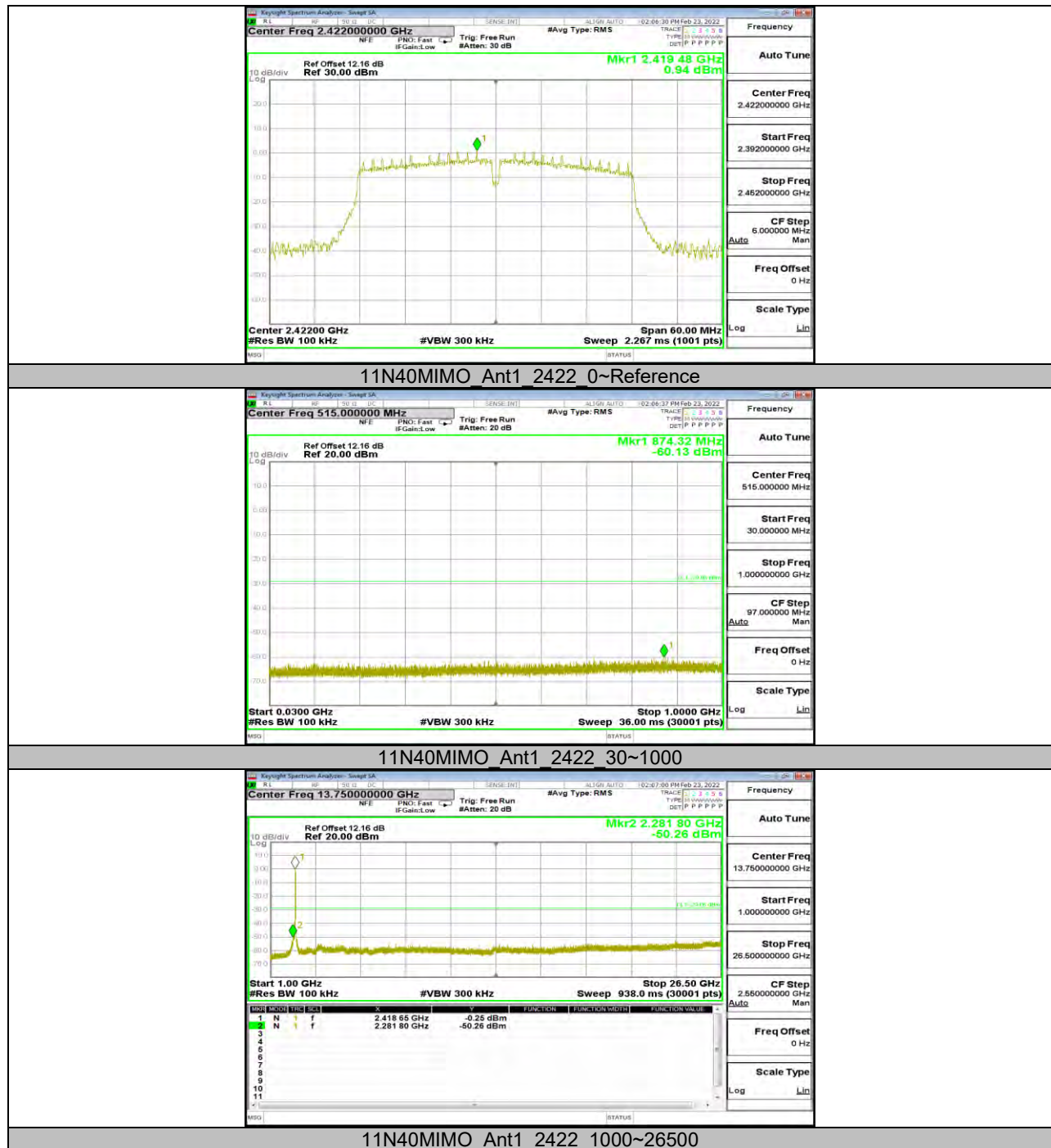




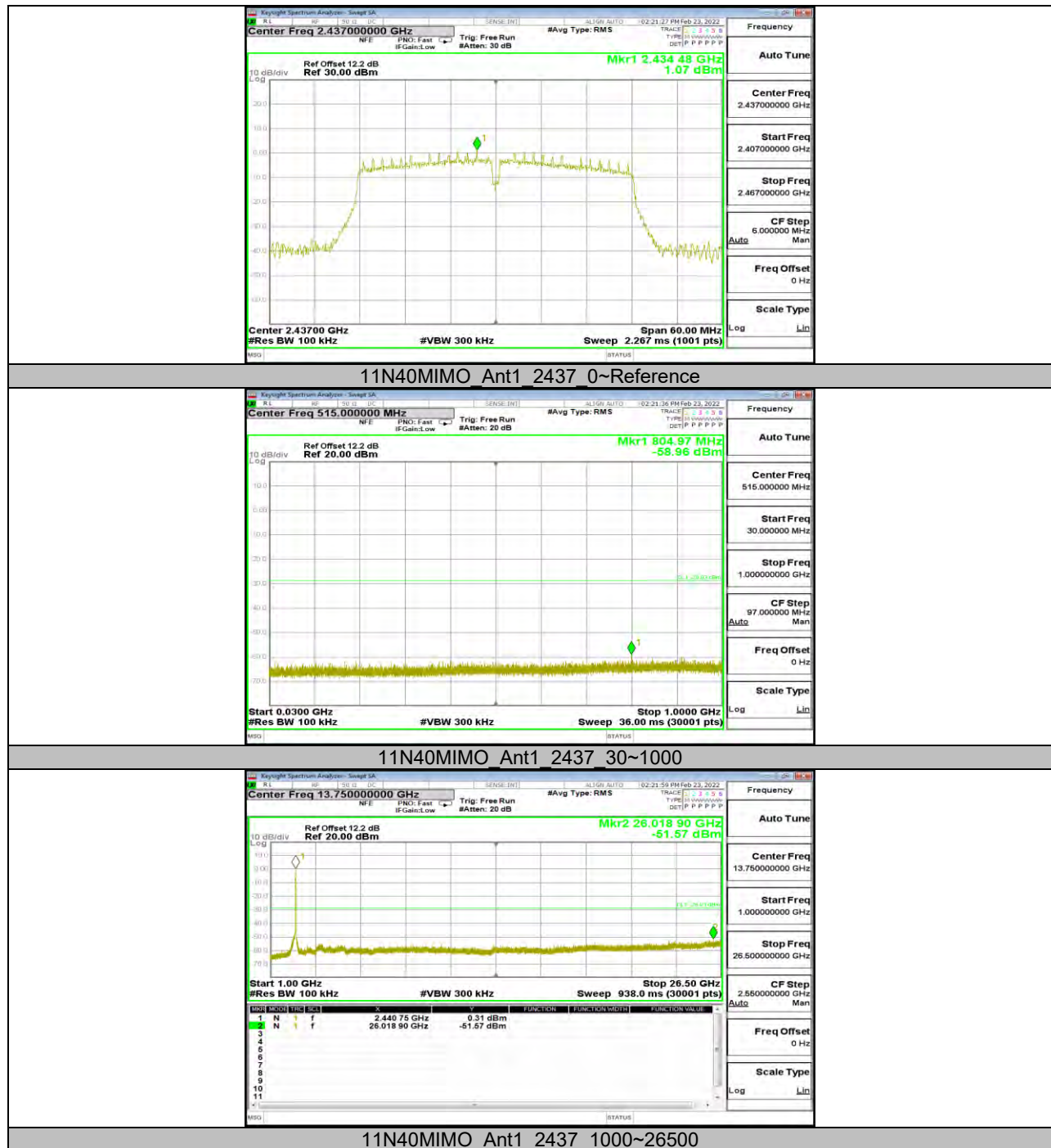




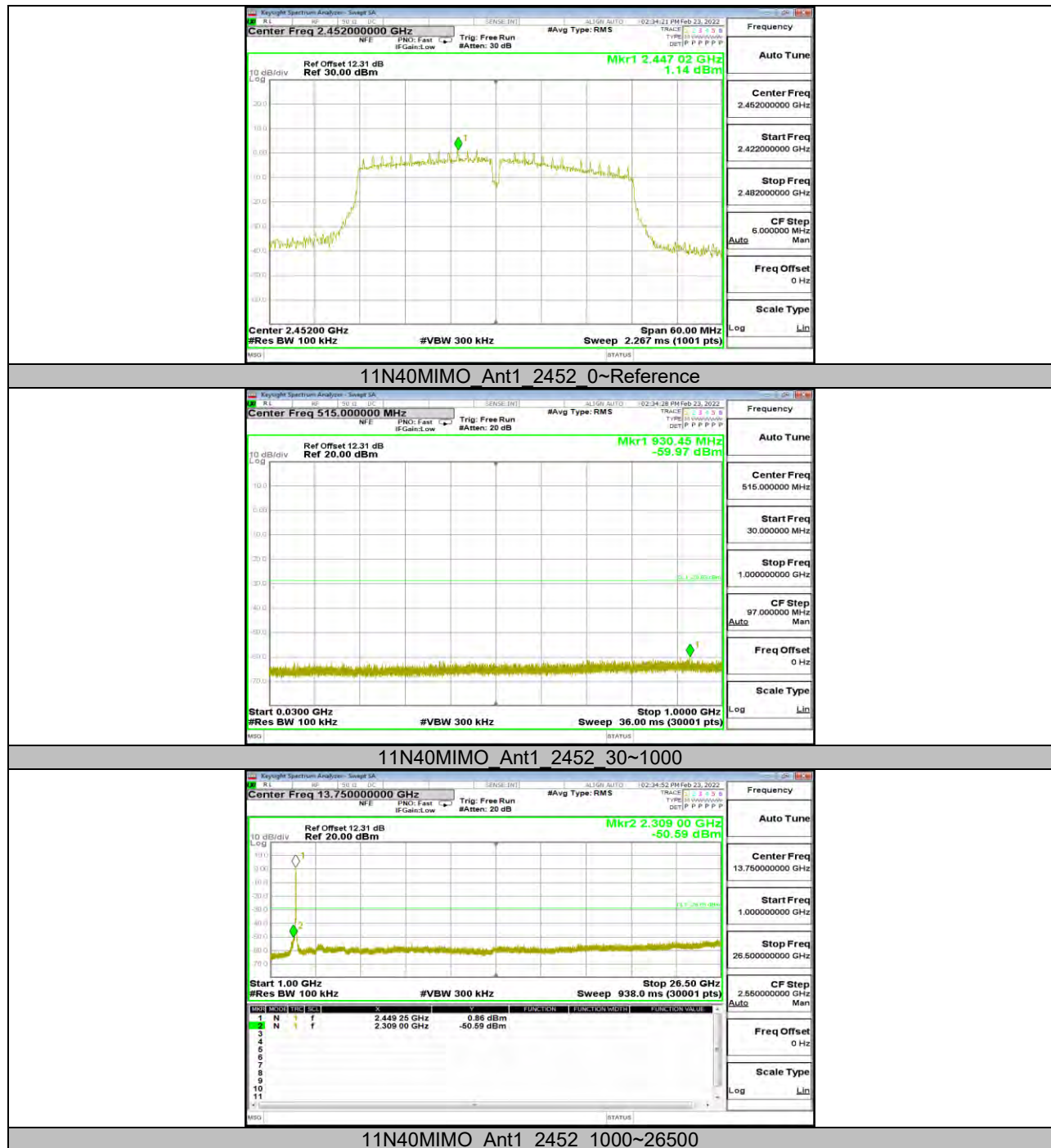




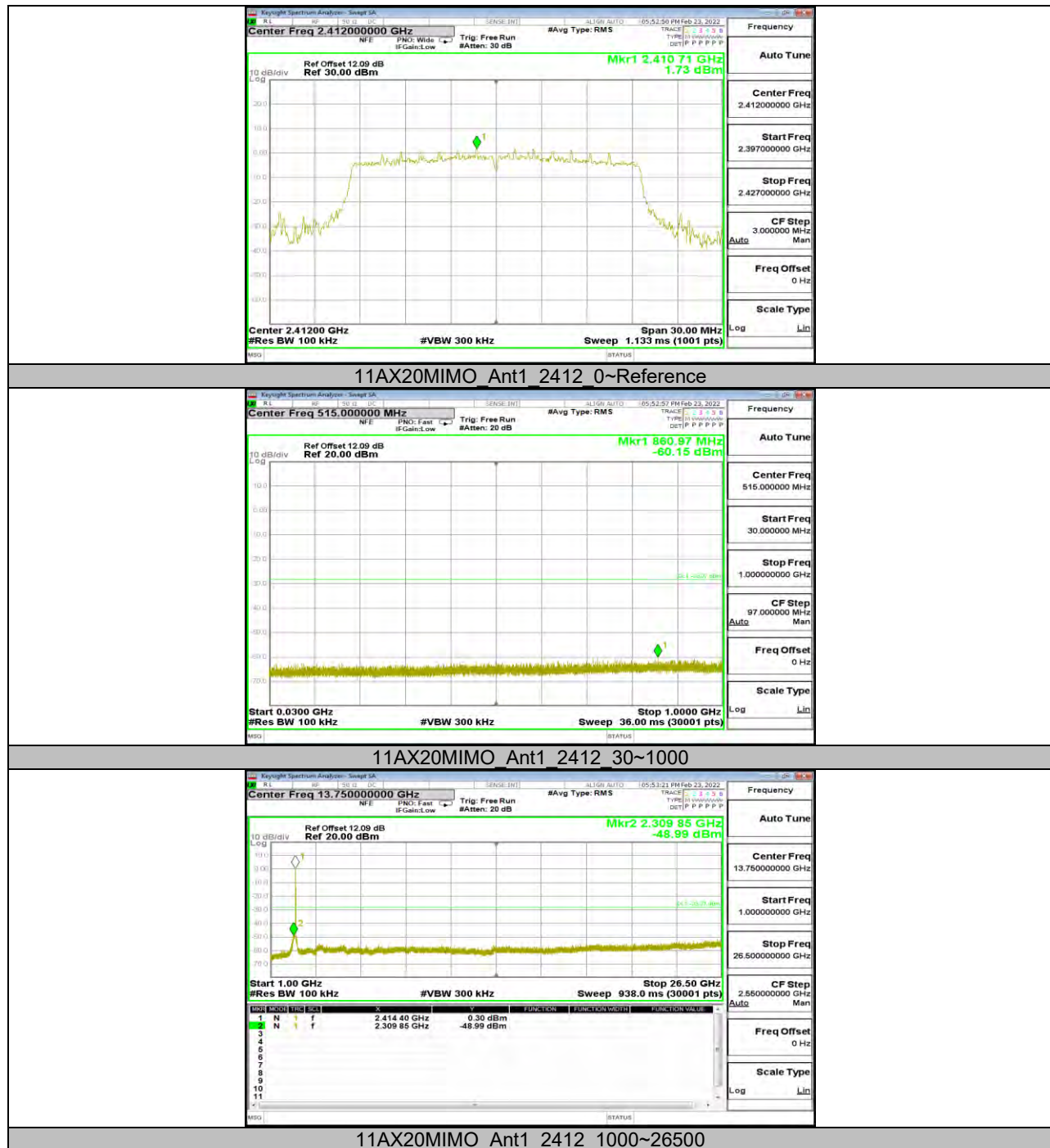


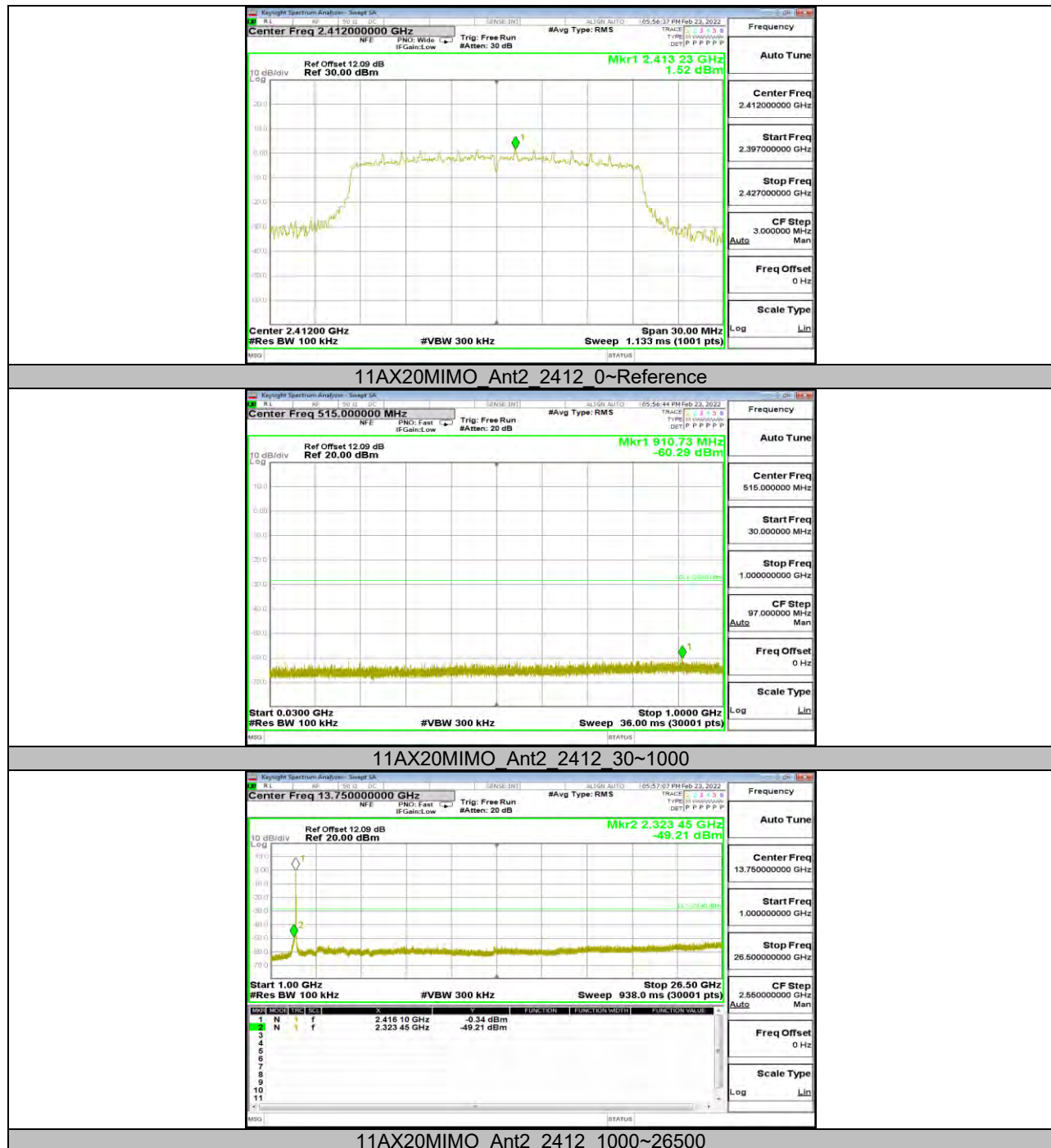


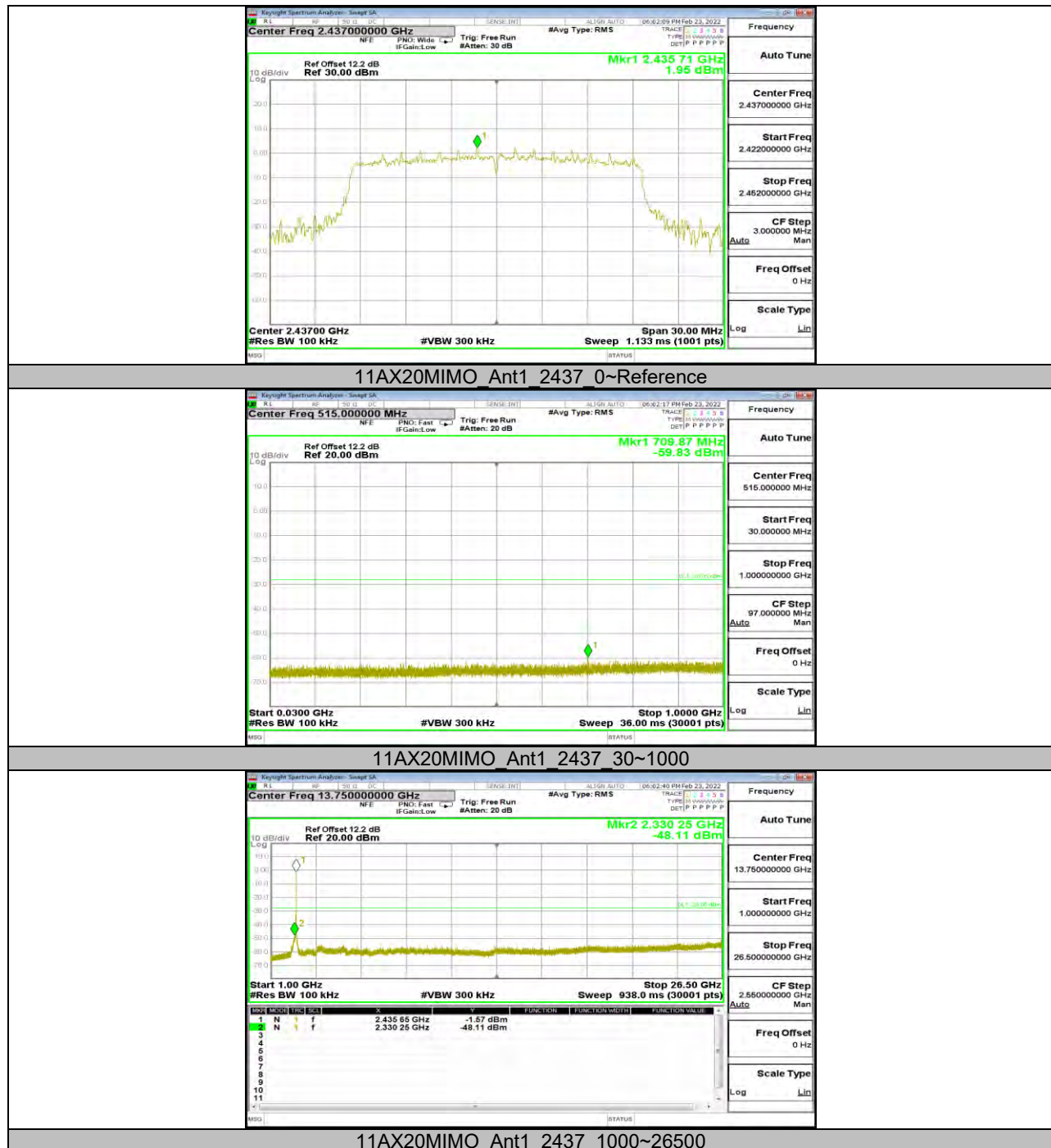






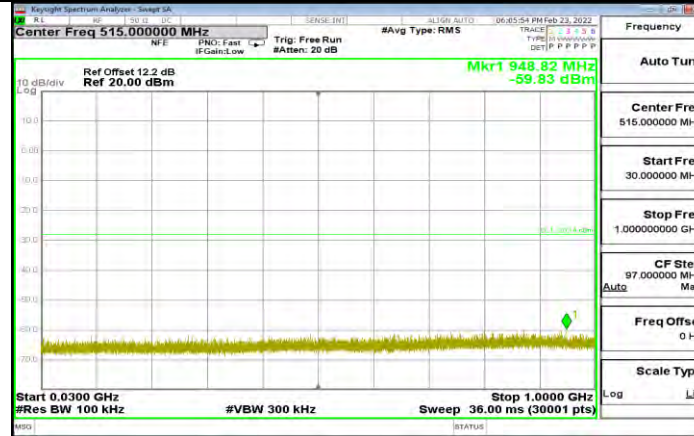




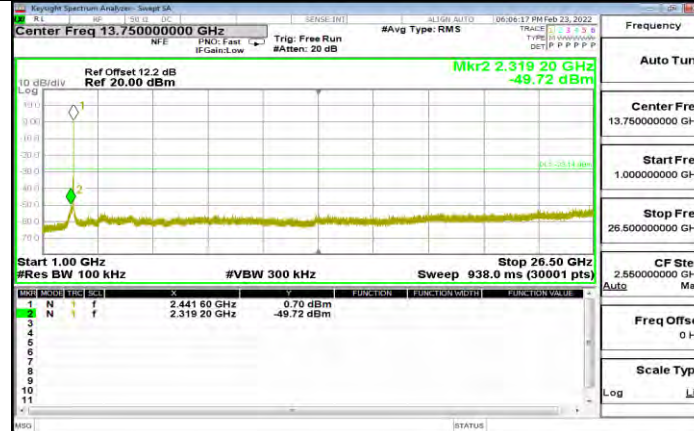




11AX20MIMO Ant2 2437 0~Reference



11AX20MIMO Ant2 2437 30~1000



11AX20MIMO Ant2 2437 1000~26500