

Appendix B: Maximum conducted output power

Test Result Peak

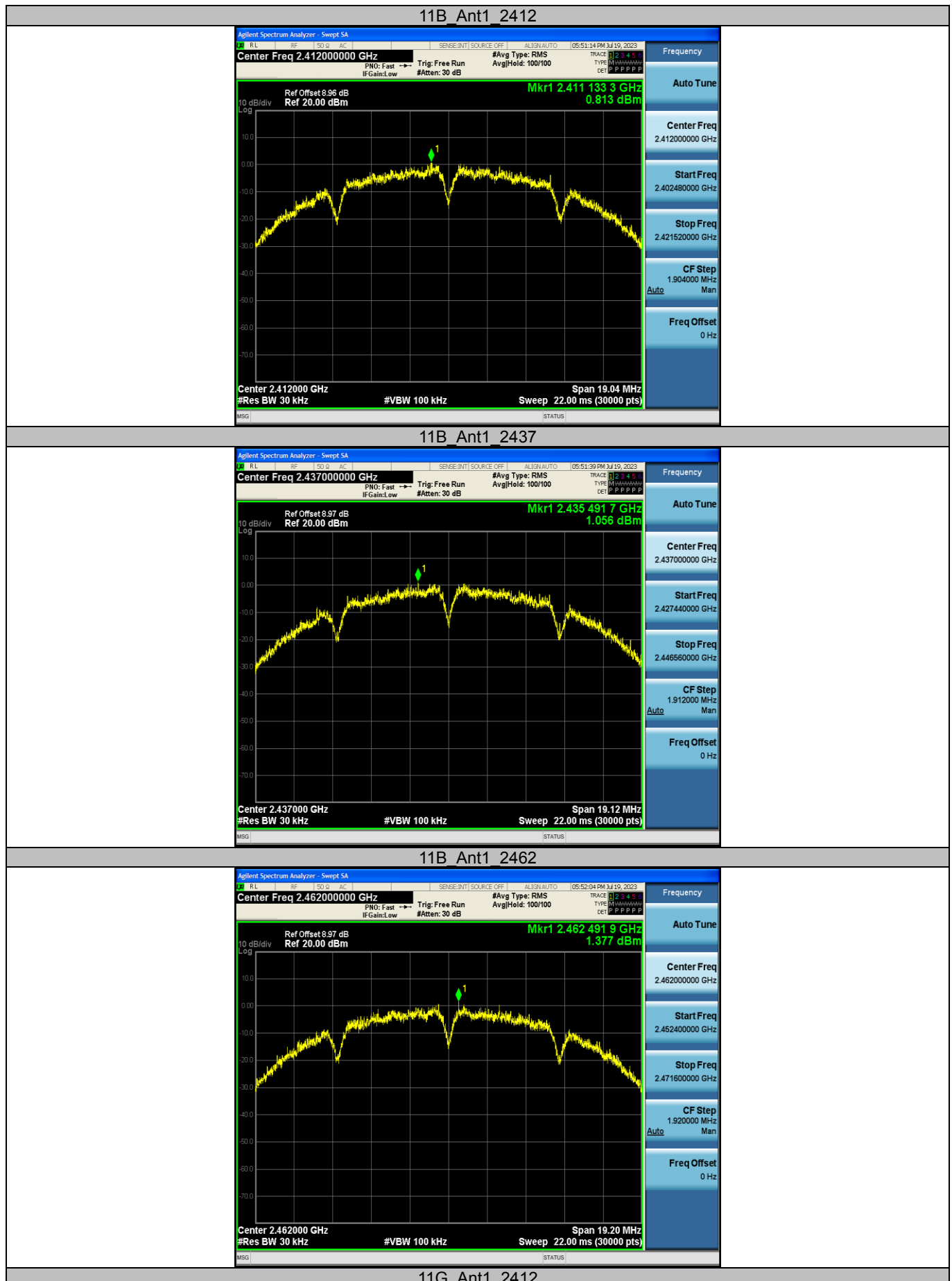
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	16.45	≤30.00	PASS
		2437	16.48	≤30.00	PASS
		2462	15.93	≤30.00	PASS
11G	Ant1	2412	16.19	≤30.00	PASS
		2437	16.68	≤30.00	PASS
		2462	16.21	≤30.00	PASS
11N20SISO	Ant1	2412	16.15	≤30.00	PASS
		2437	16.62	≤30.00	PASS
		2462	16.19	≤30.00	PASS
11N40SISO	Ant1	2422	16.46	≤30.00	PASS
		2437	16.63	≤30.00	PASS
		2452	16.73	≤30.00	PASS

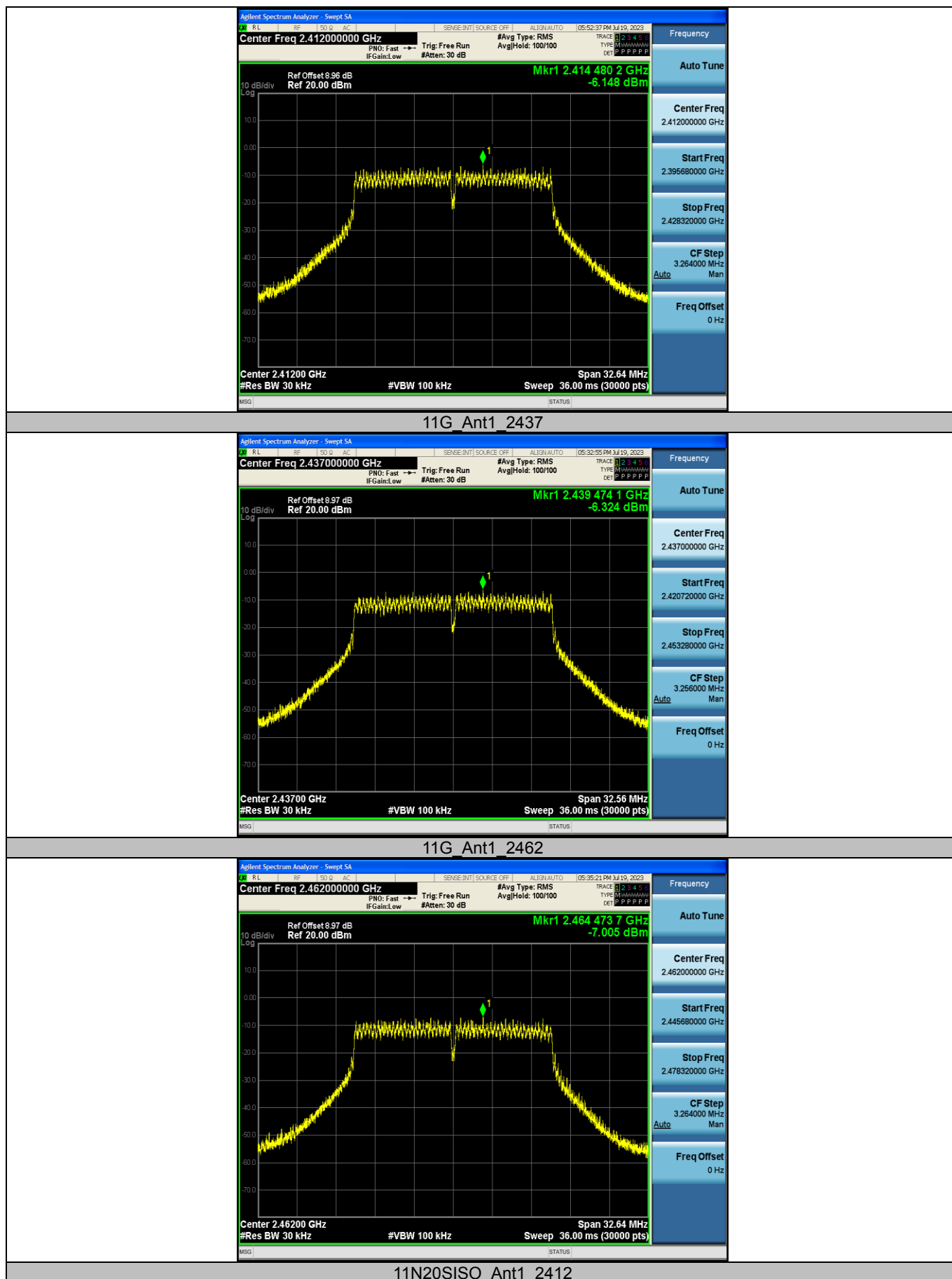
Appendix C: Maximum power spectral density

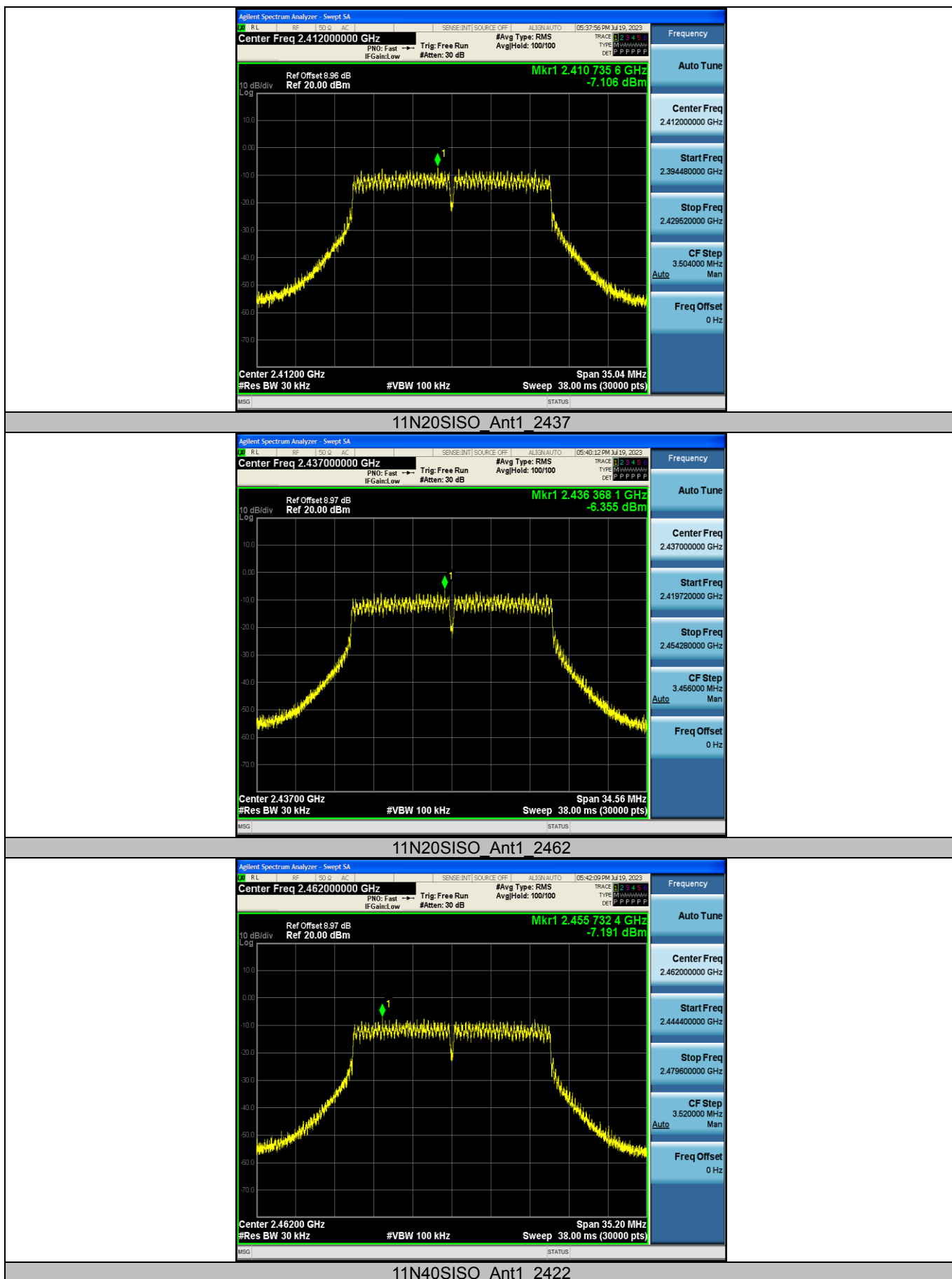
Test Result

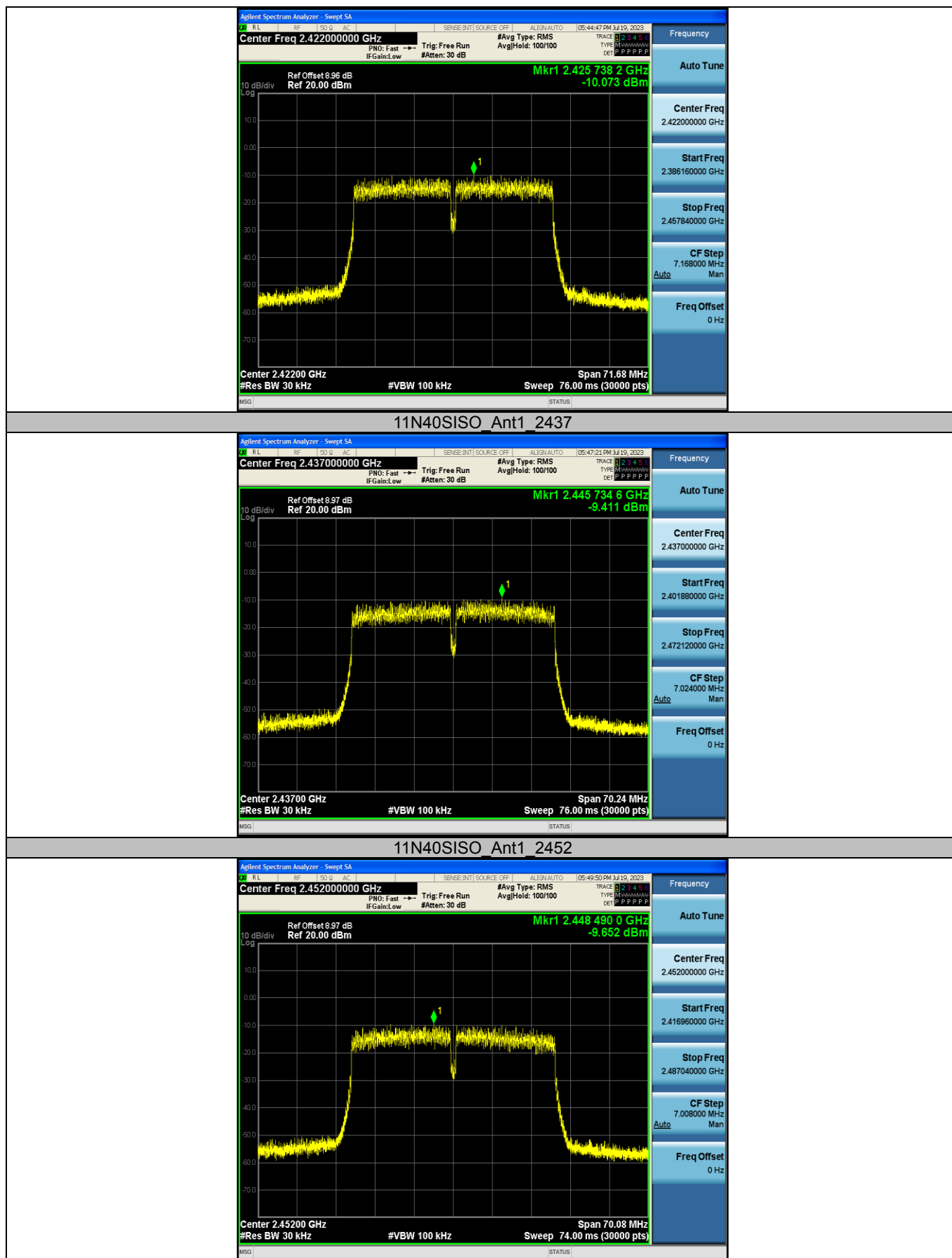
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	0.81	≤8.00	PASS
		2437	1.06	≤8.00	PASS
		2462	1.38	≤8.00	PASS
11G	Ant1	2412	-6.15	≤8.00	PASS
		2437	-6.32	≤8.00	PASS
		2462	-7.01	≤8.00	PASS
11N20SISO	Ant1	2412	-7.11	≤8.00	PASS
		2437	-6.36	≤8.00	PASS
		2462	-7.19	≤8.00	PASS
11N40SISO	Ant1	2422	-10.07	≤8.00	PASS
		2437	-9.41	≤8.00	PASS
		2452	-9.65	≤8.00	PASS

Test Graphs



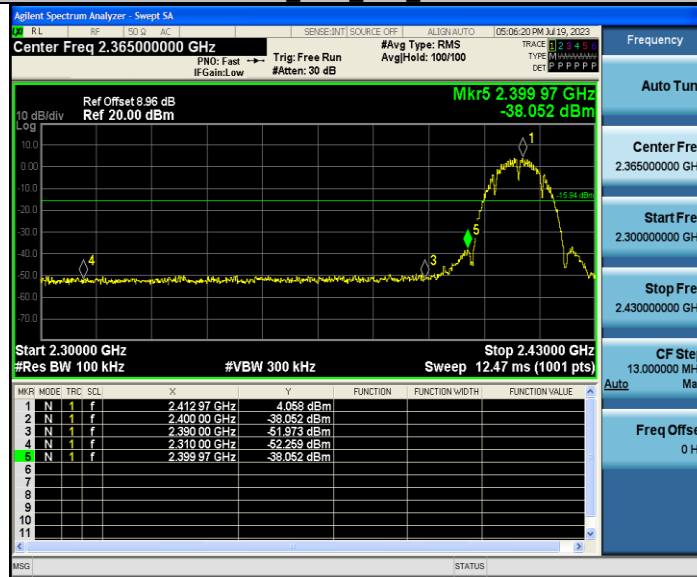




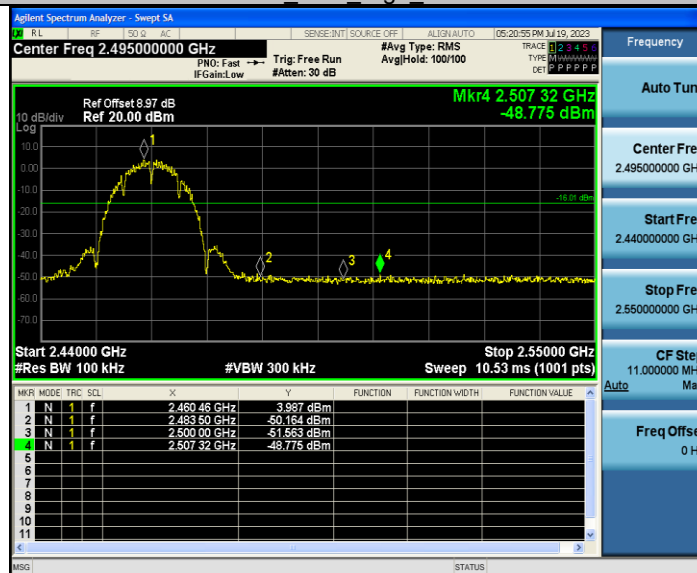


Appendix D: Band edge measurements

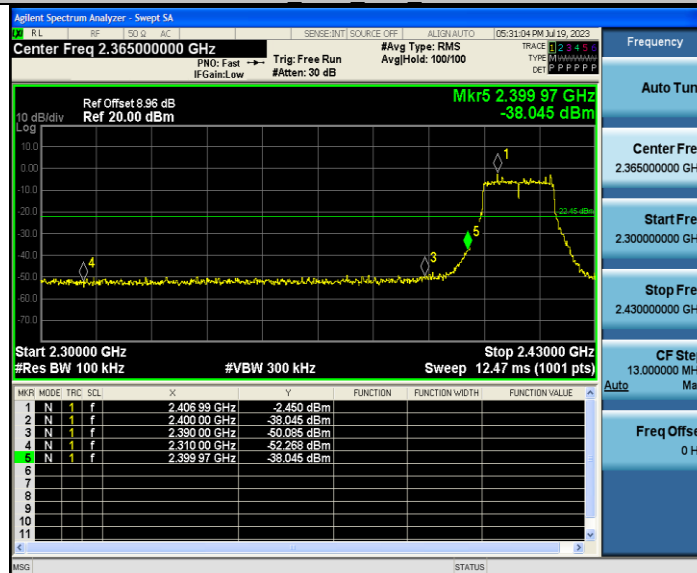
11B Ant1 Low 2412



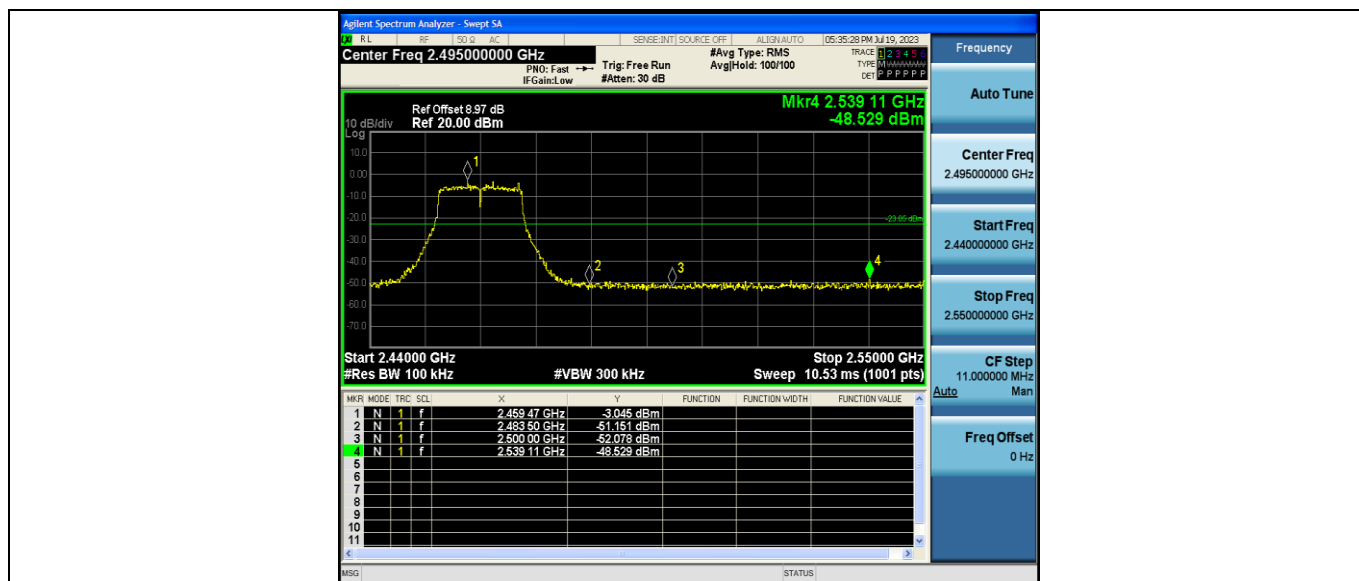
11B Ant1 High 2462



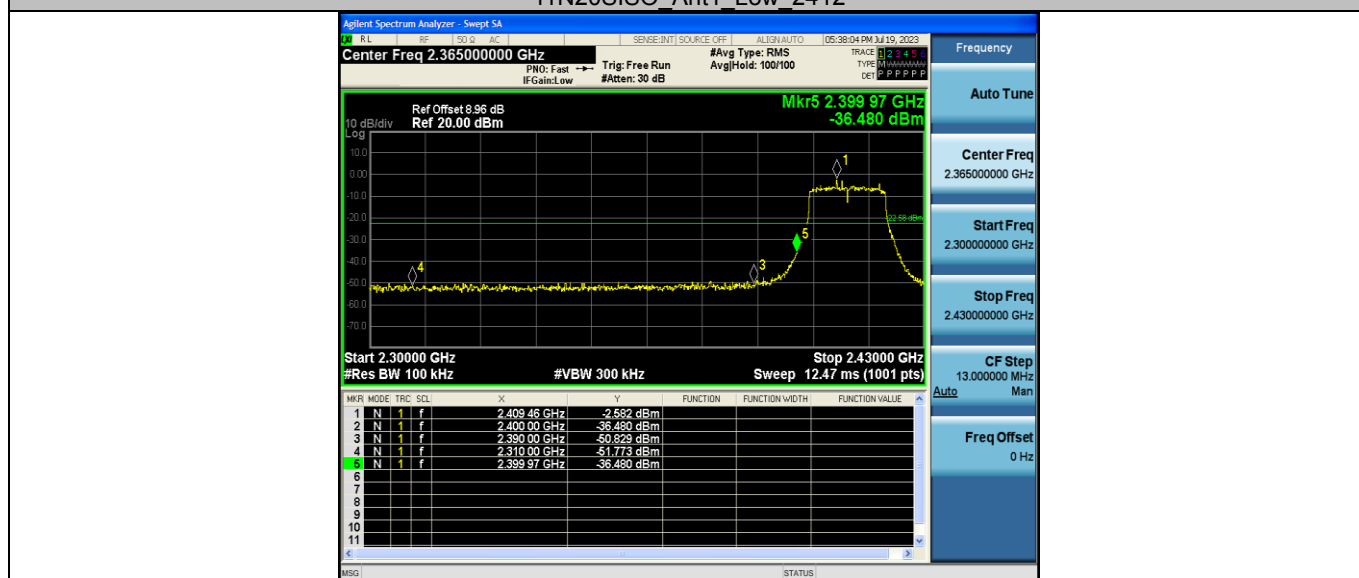
11G Ant1 Low 2412



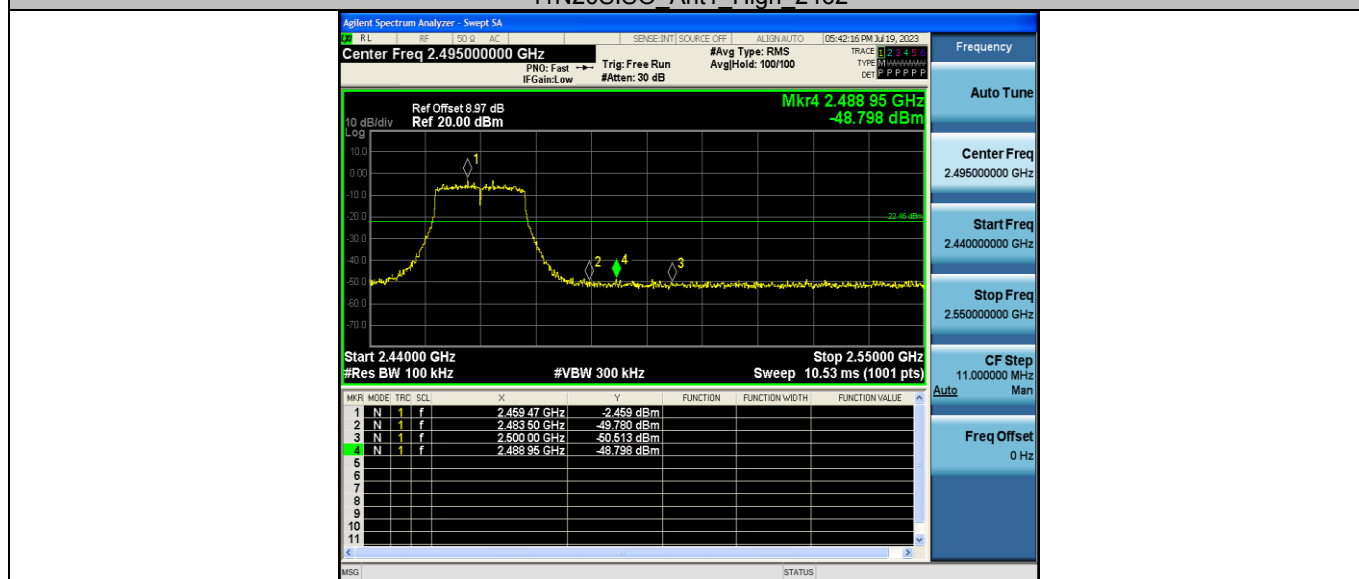
11G Ant1 High 2462



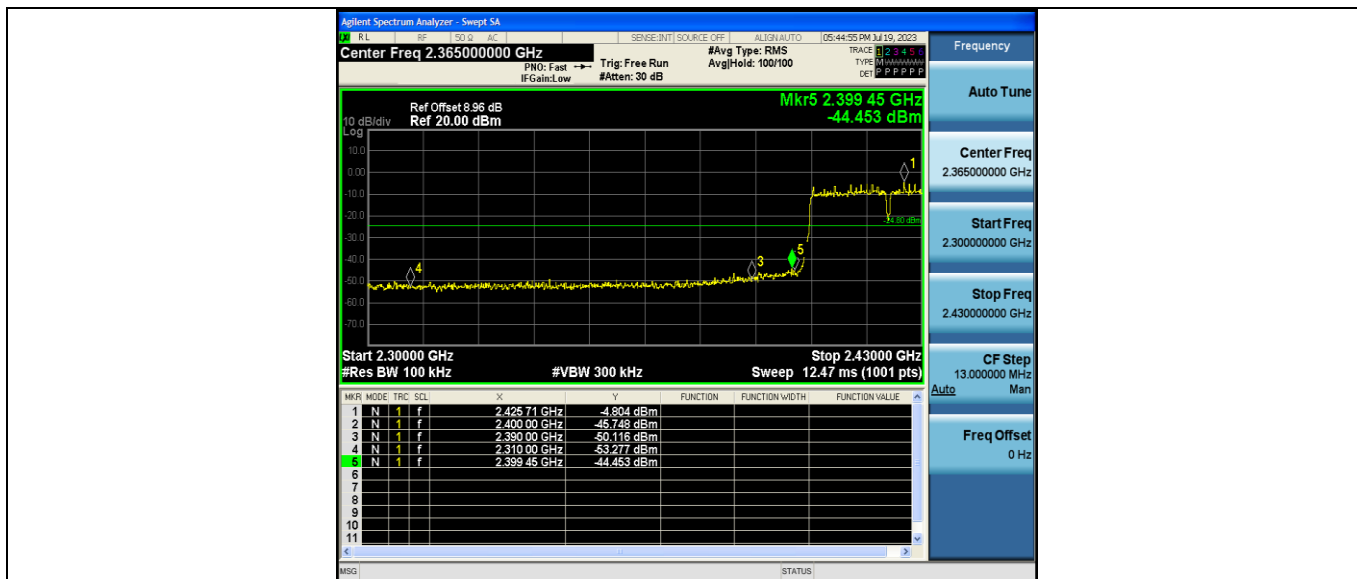
11N20SISO Ant1 Low 2412



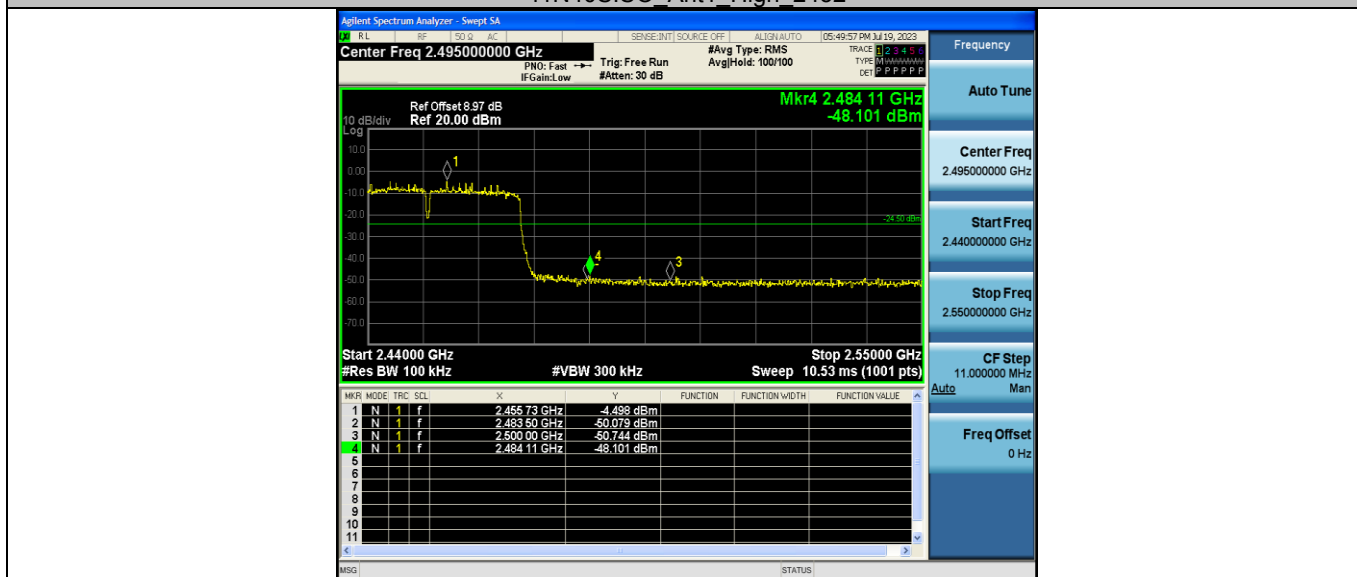
11N20SISO Ant1 High 2462



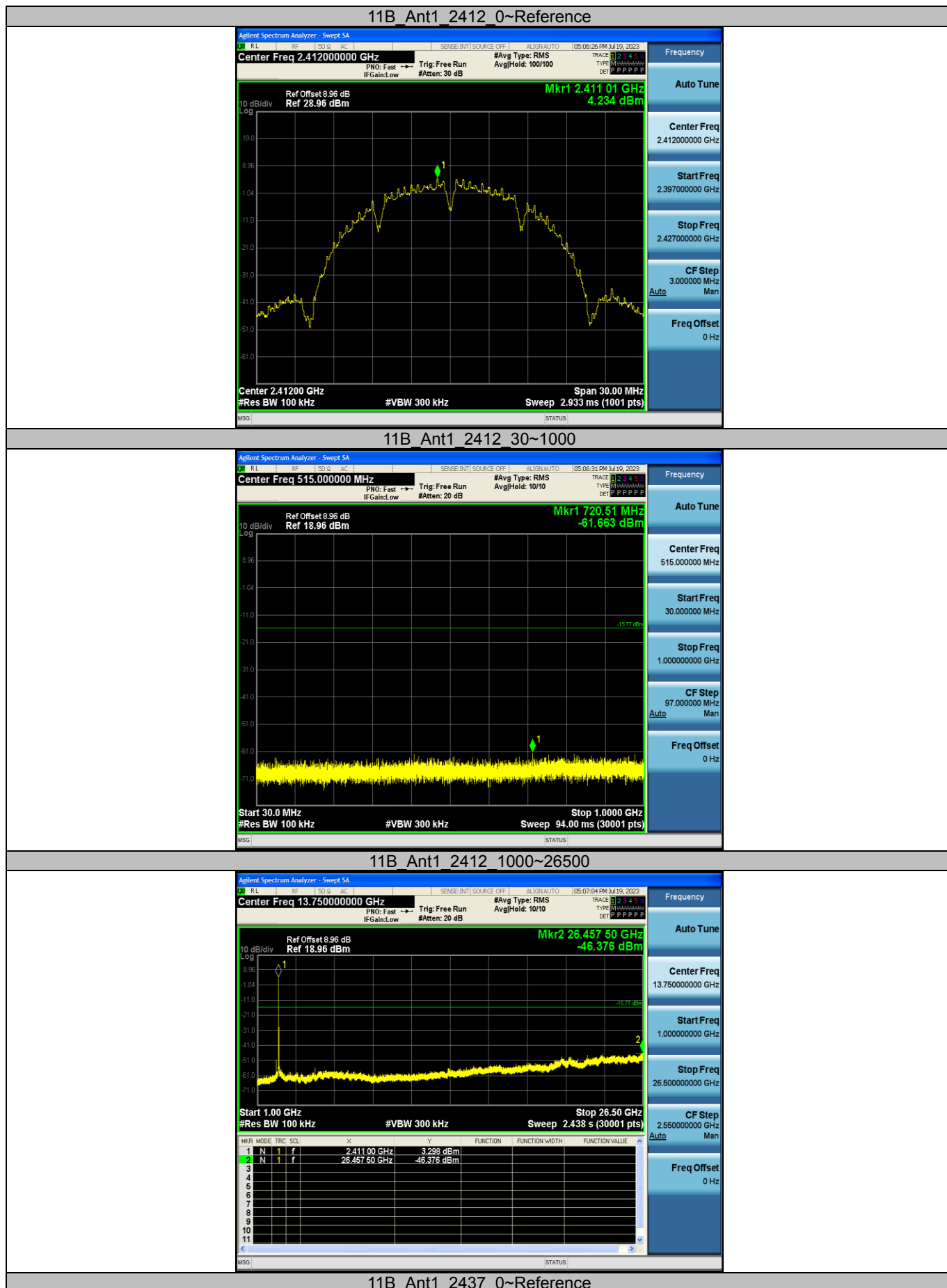
11N40SISO Ant1 Low 2422

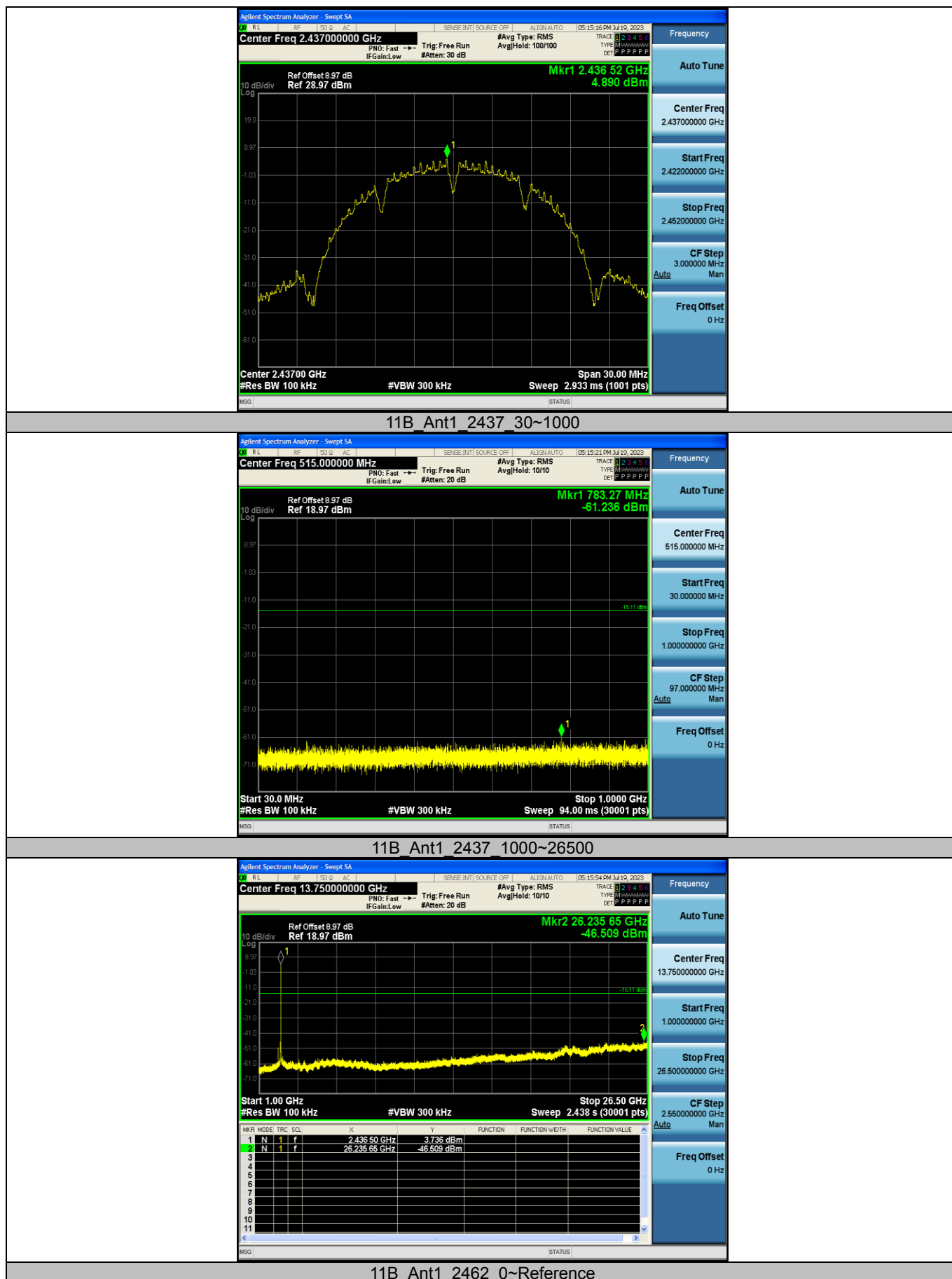


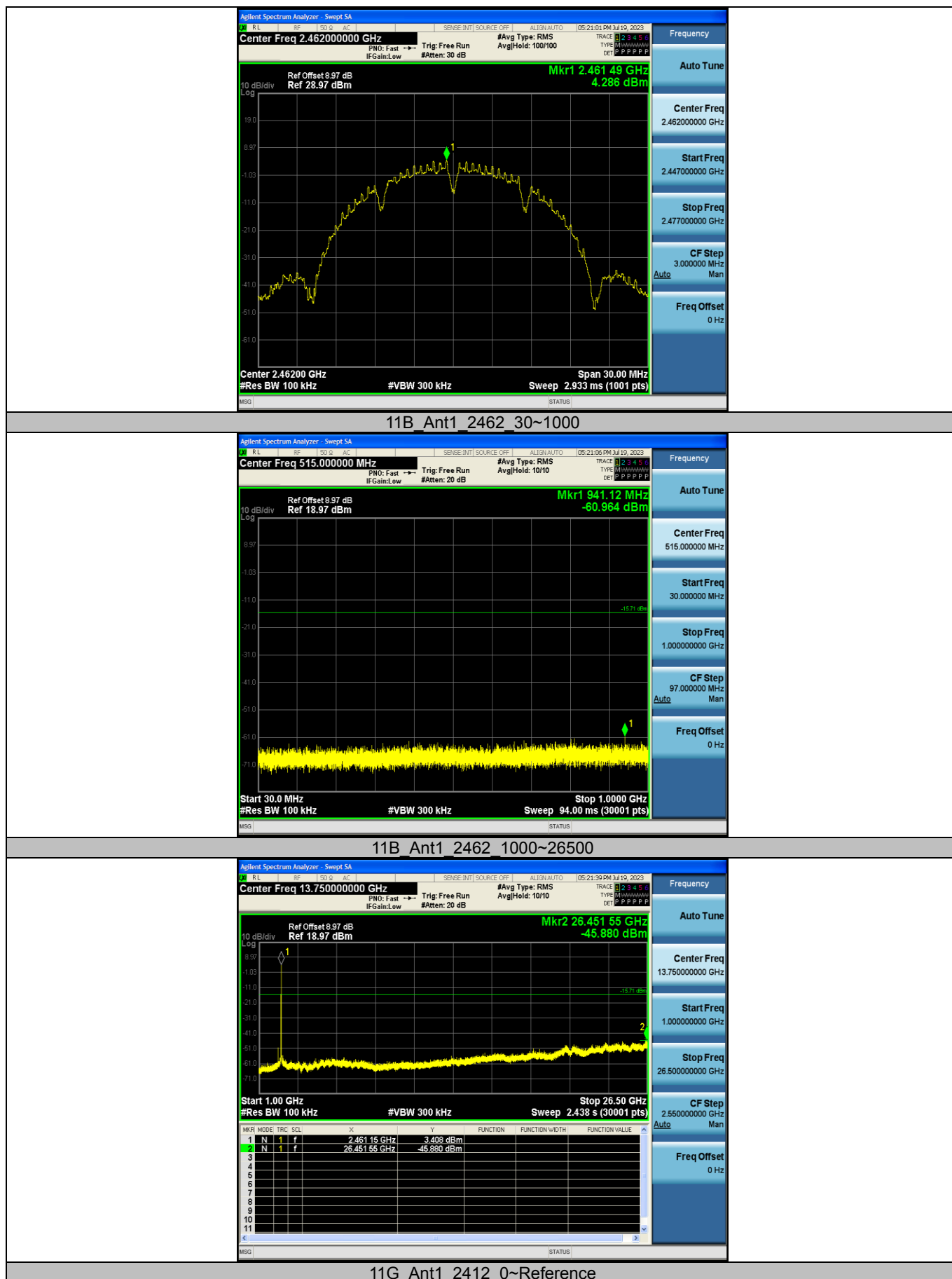
11N40SISO_Ant1_High_2452

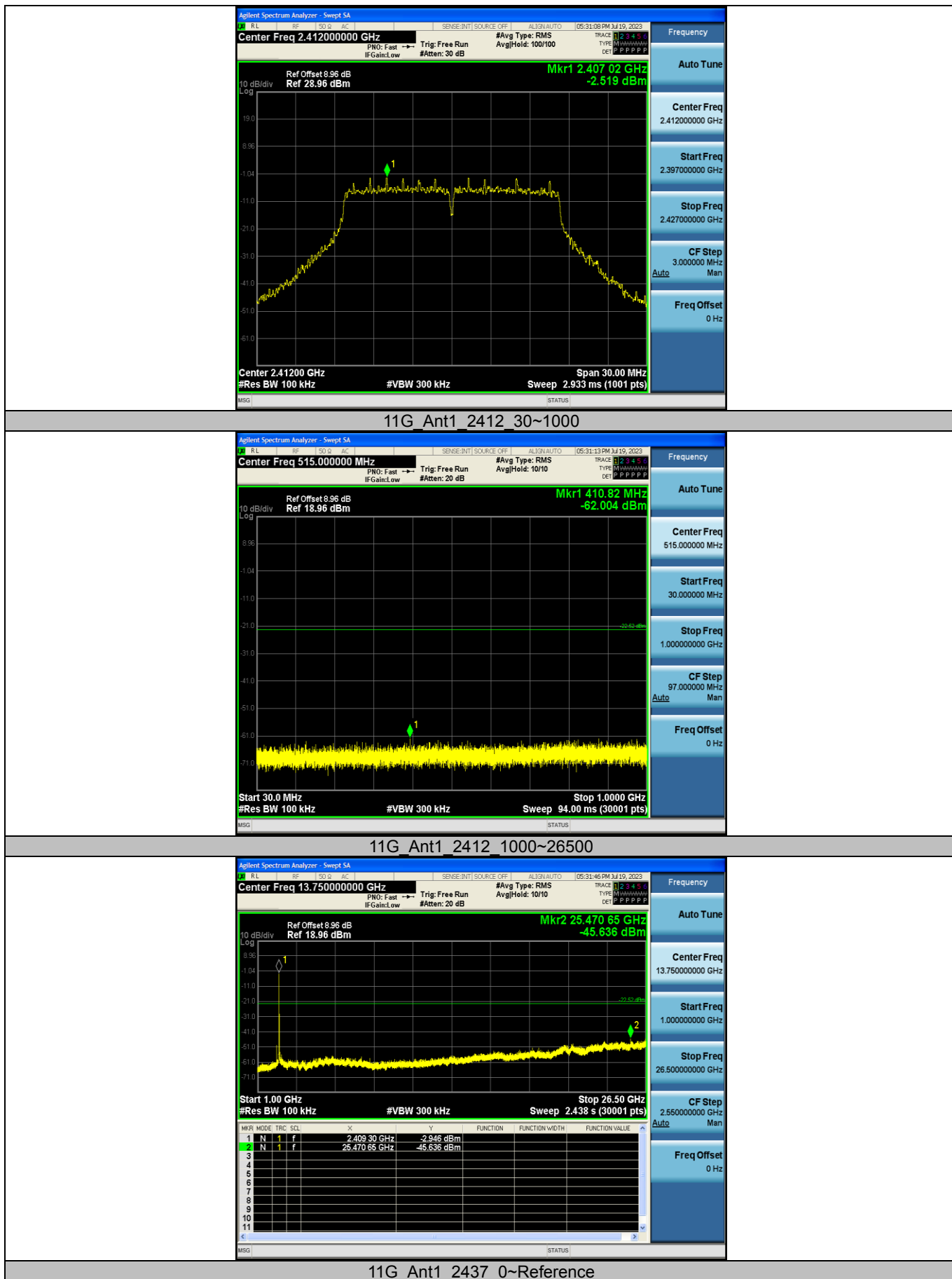


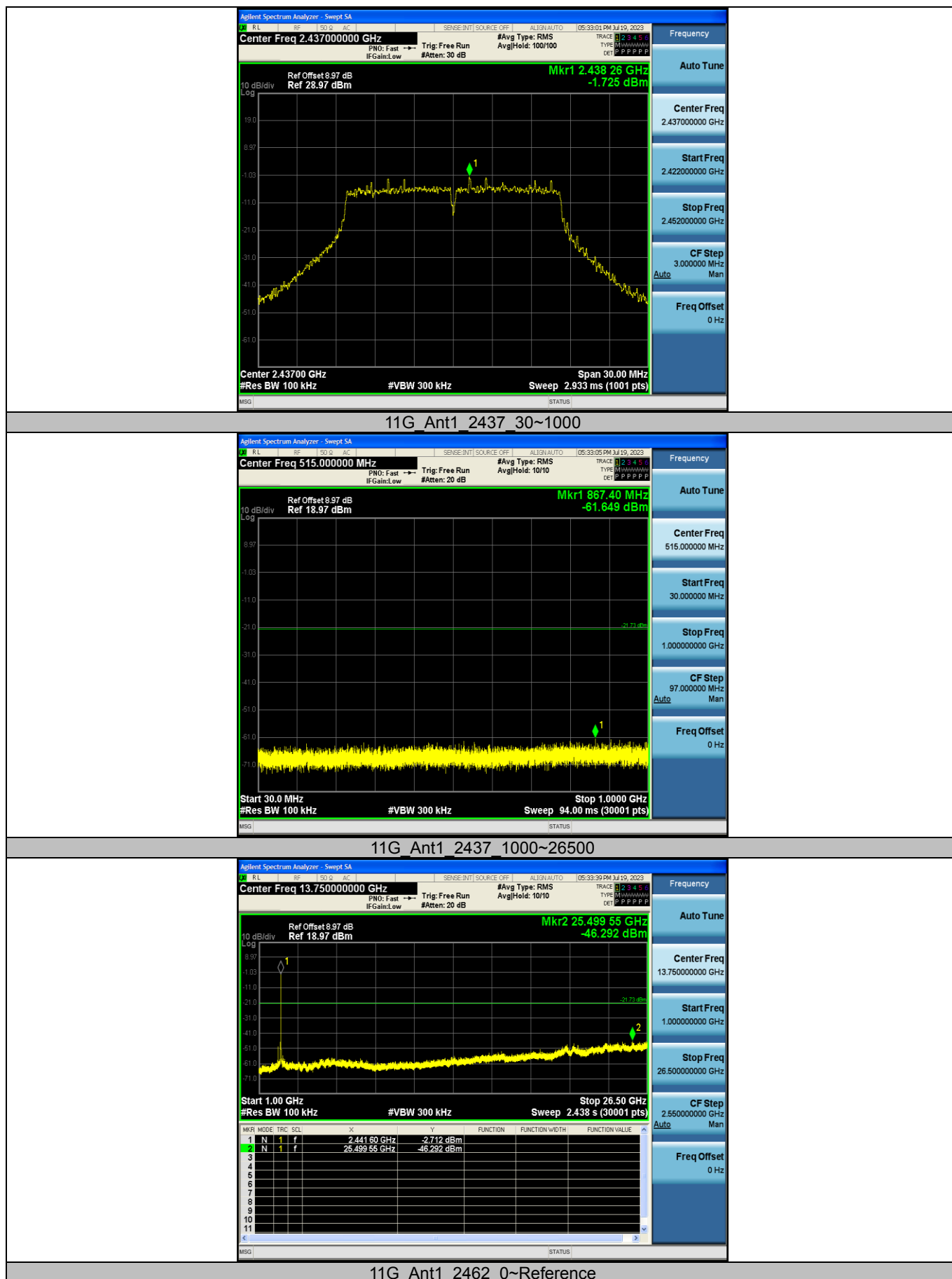
Appendix E: Conducted Spurious Emission

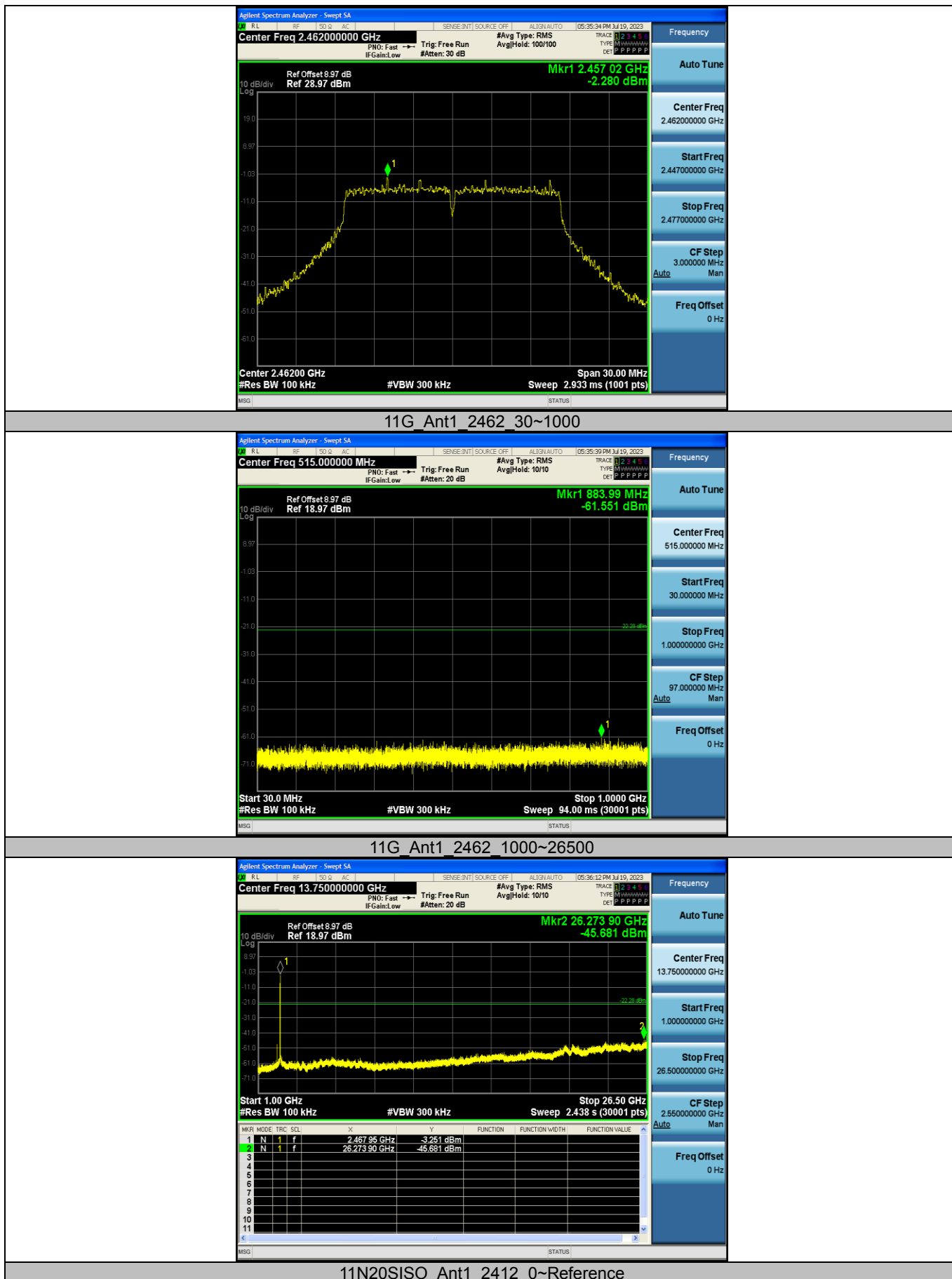


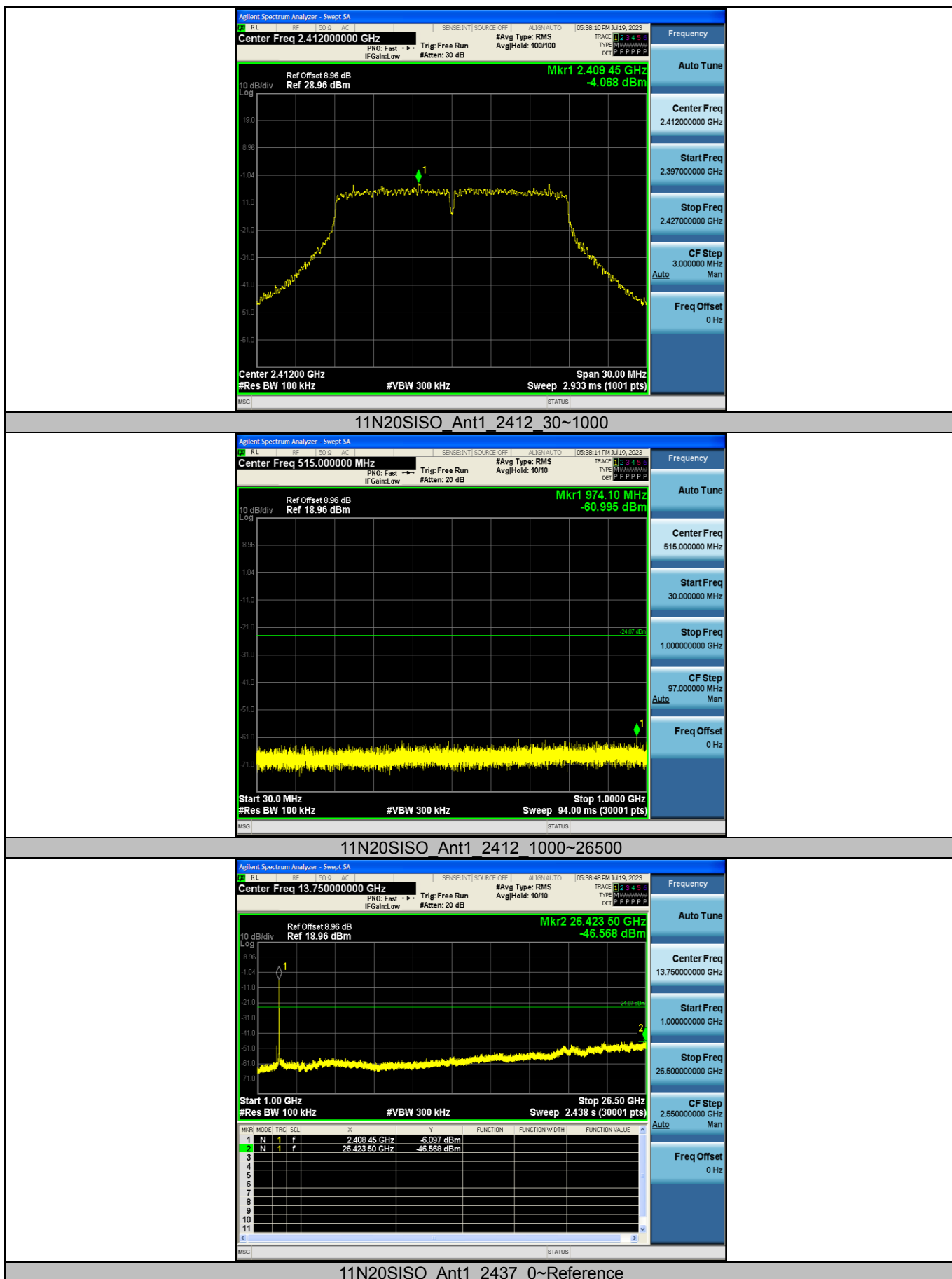


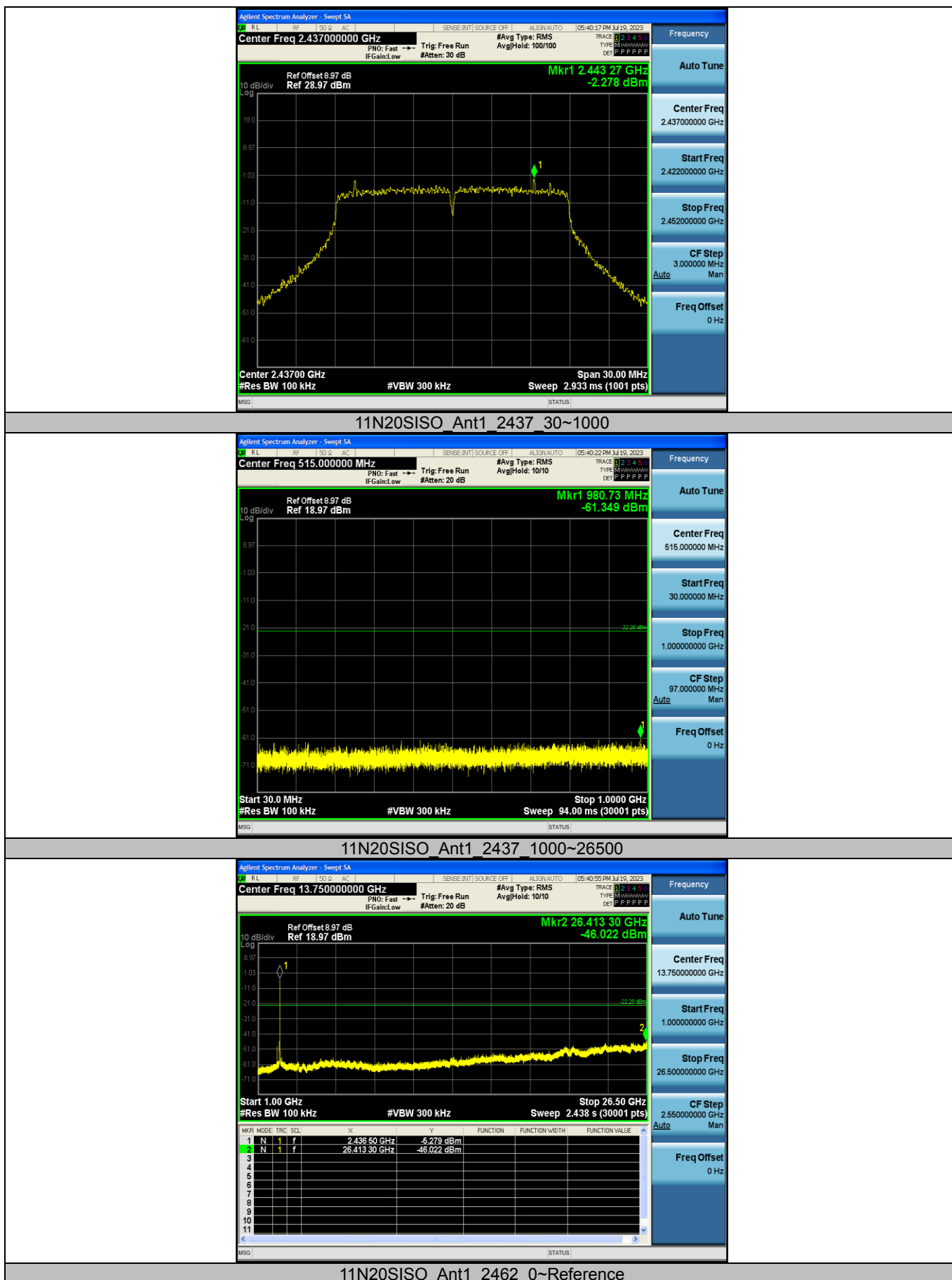


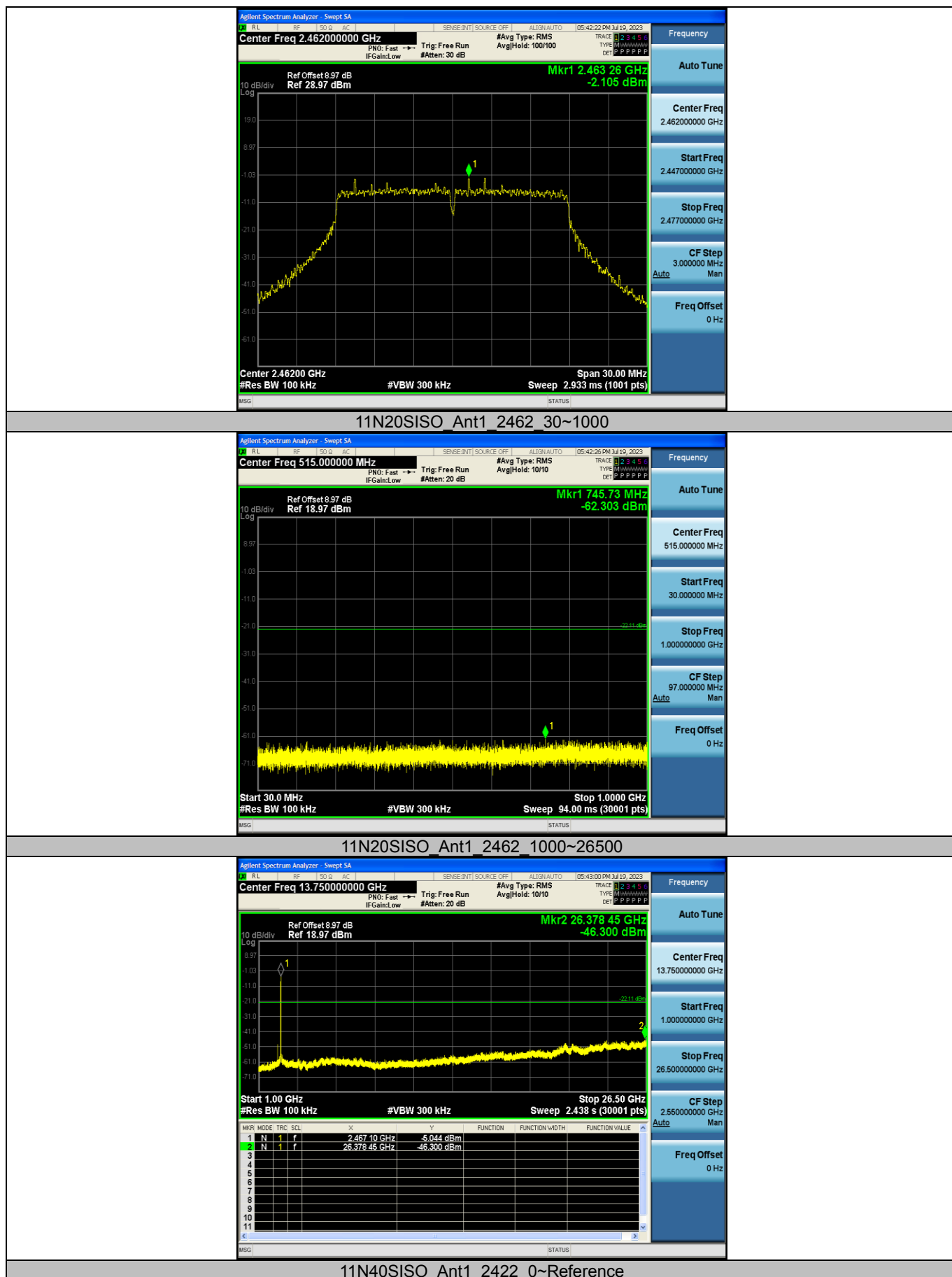


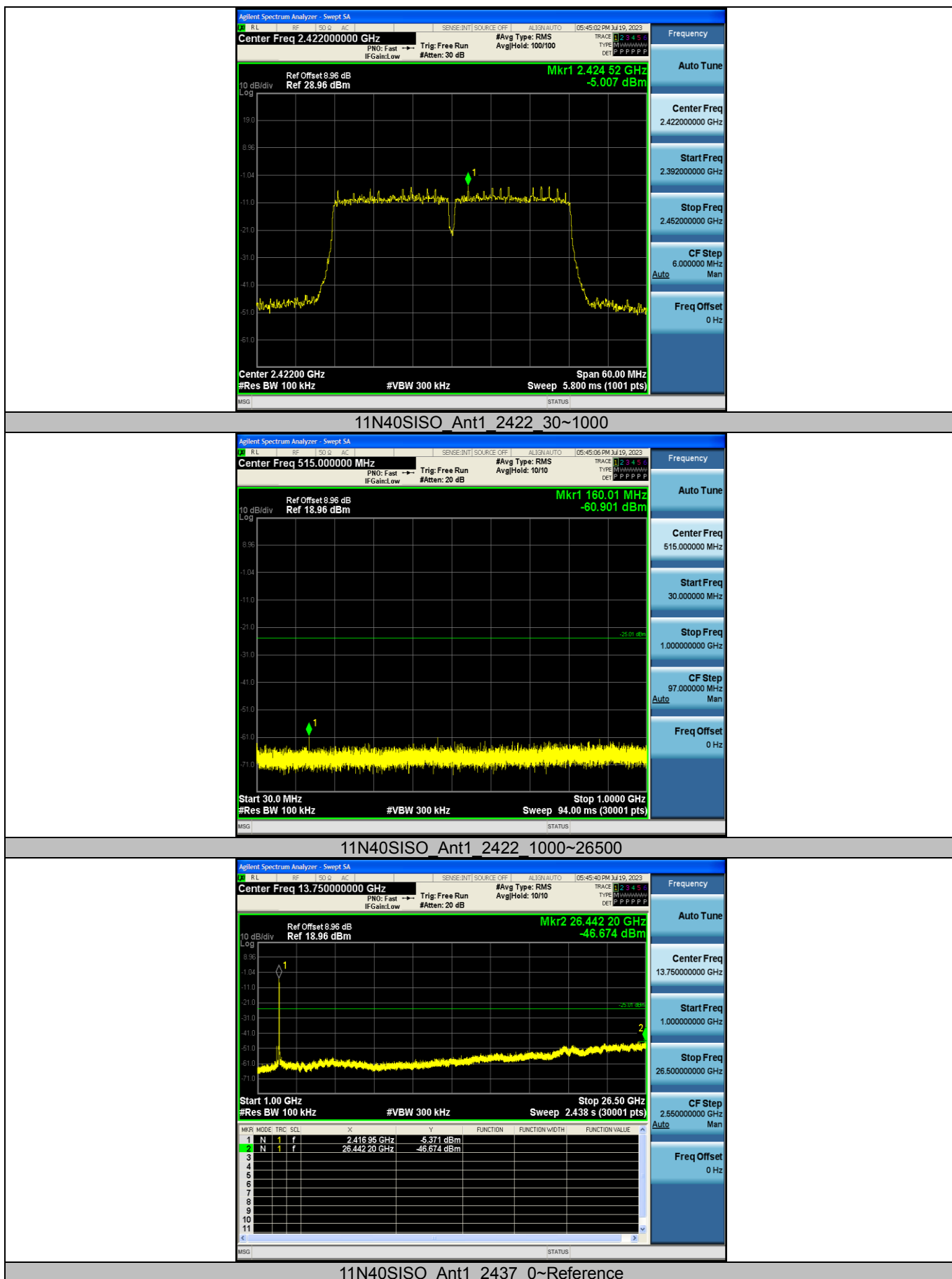


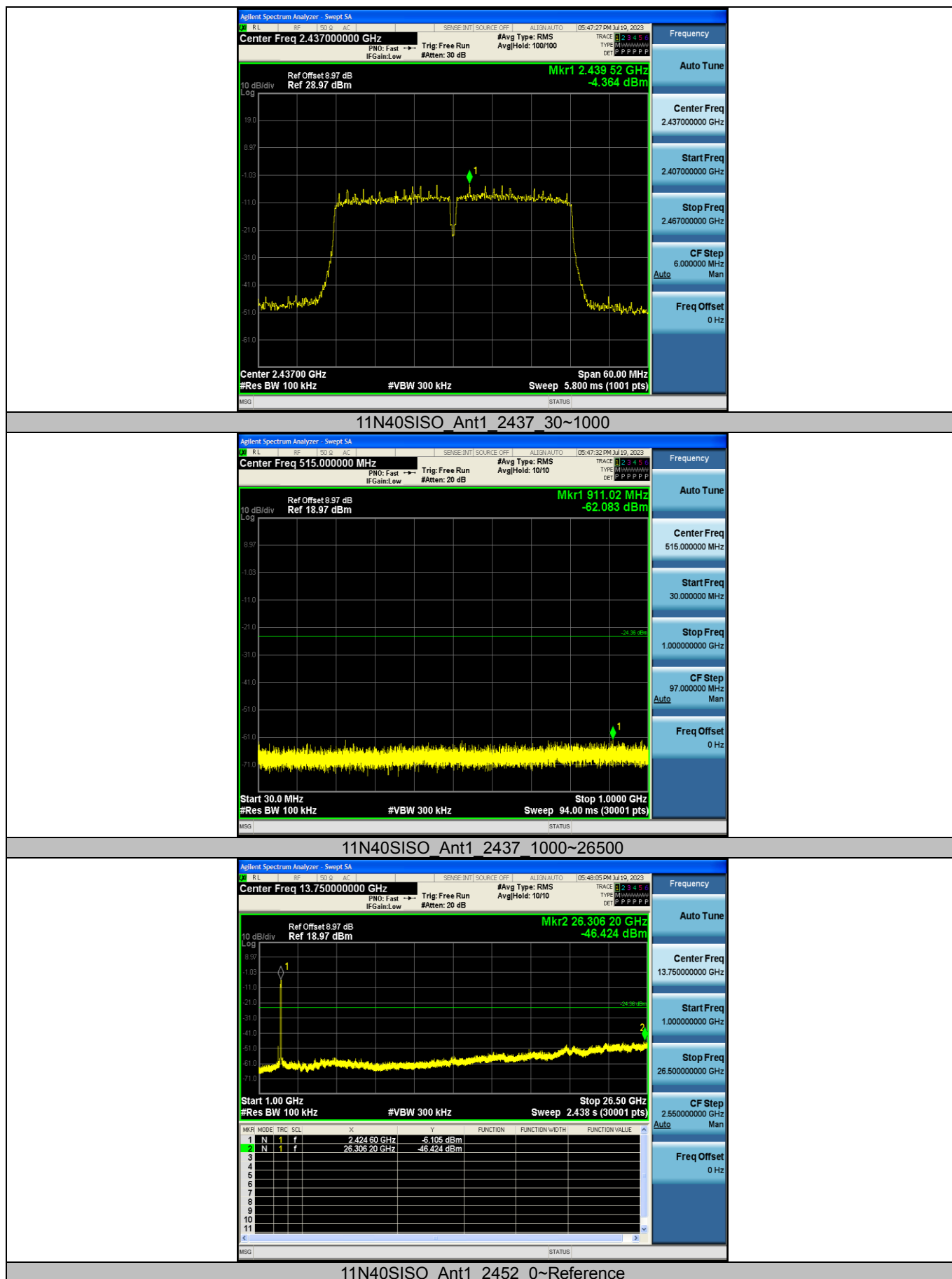


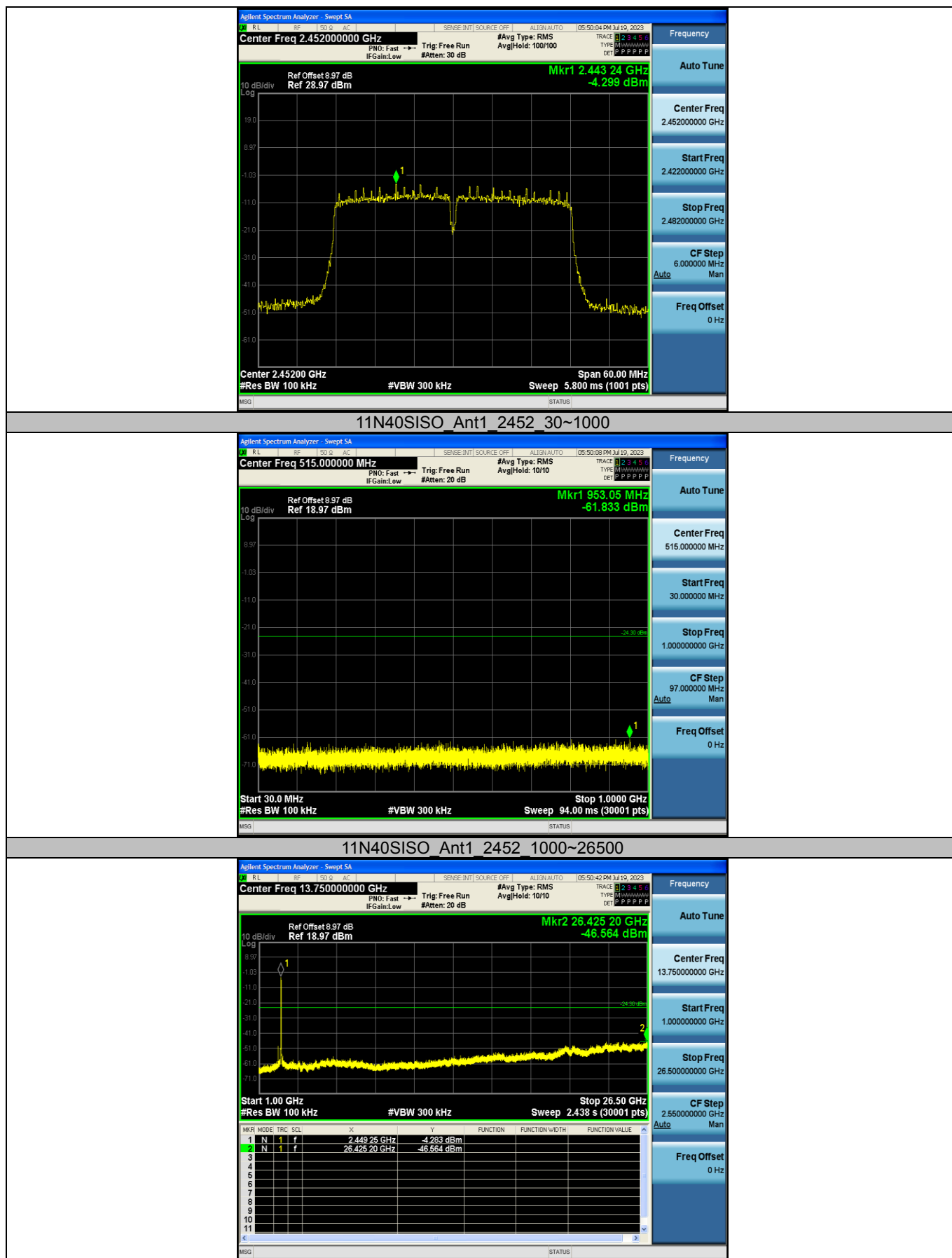












Appendix F: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2437	12.42	12.47	99.60	0.02
11G	Ant1	2437	2.06	2.13	96.71	0.15
11N20SISO	Ant1	2437	1.92	2.07	92.75	0.33
11N40SISO	Ant1	2437	0.94	1.01	93.07	0.31

Notes:

Duty Cycle [%] = Transmission Duration [ms] / Transmission Period [ms] * 100

Factor = $10 * \log (\text{Duty Cycle})$

Test Graphs



