

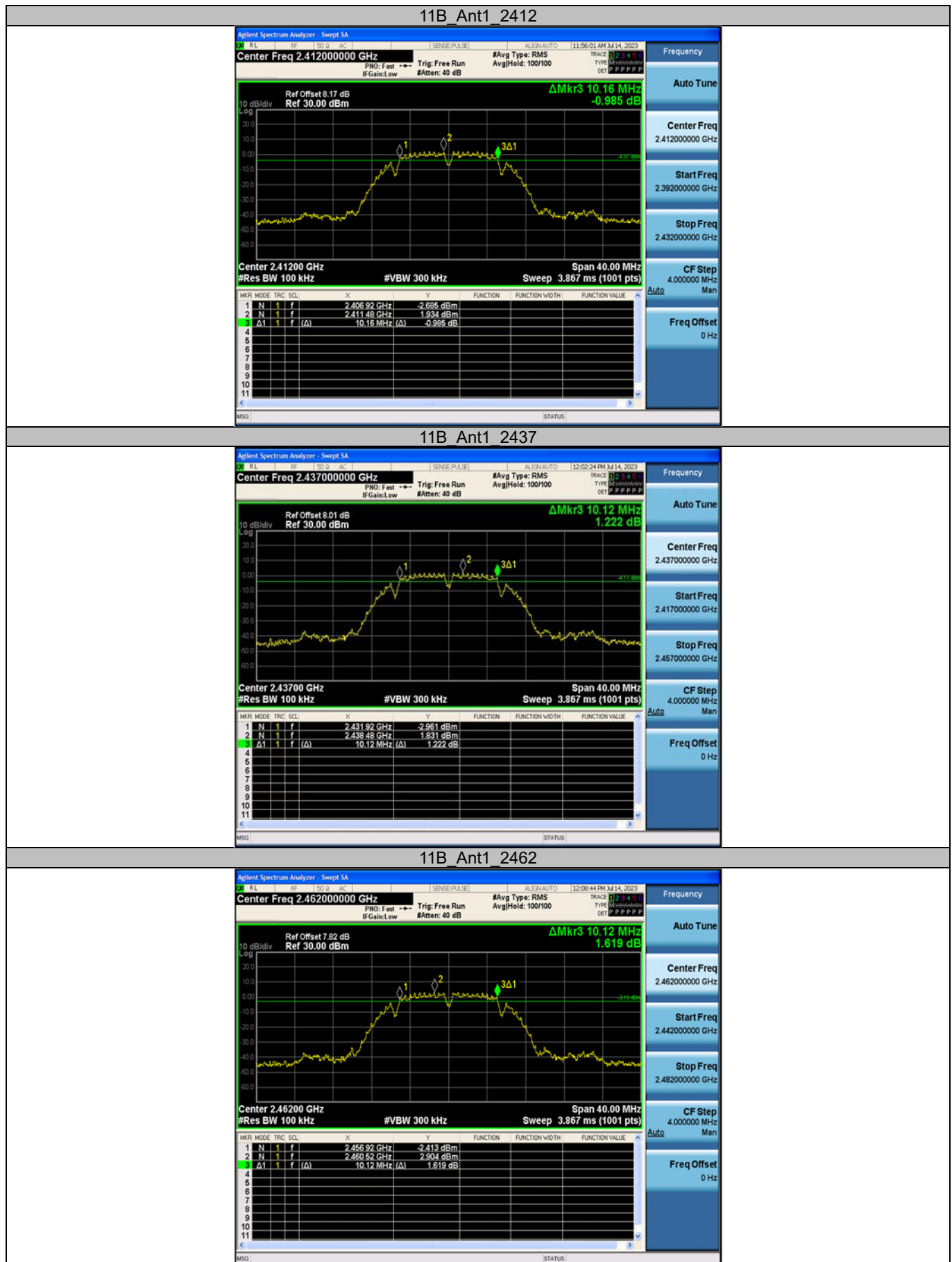
Appendix

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	10.160	0.5	PASS
		2437	10.120	0.5	PASS
		2462	10.120	0.5	PASS
11G	Ant1	2412	16.040	0.5	PASS
		2437	16.320	0.5	PASS
		2462	16.320	0.5	PASS
11N20SISO	Ant1	2412	16.400	0.5	PASS
		2437	16.560	0.5	PASS
		2462	16.240	0.5	PASS

Test Graphs



11G Ant1 2412



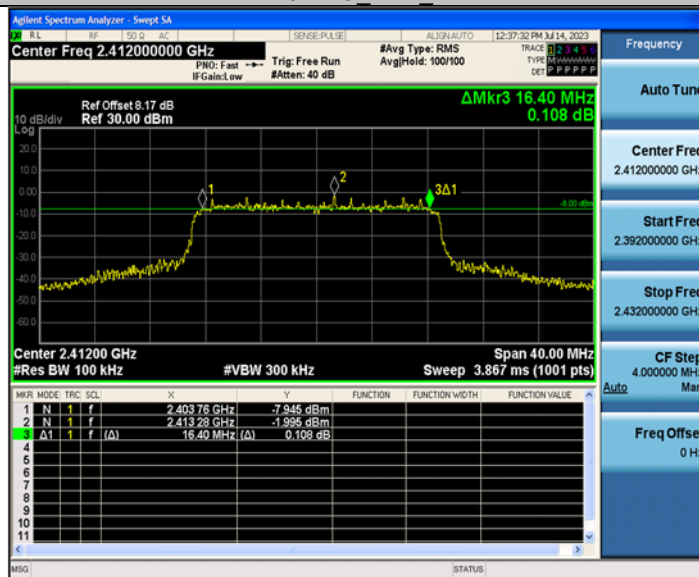
11G Ant1 2437



11G Ant1 2462



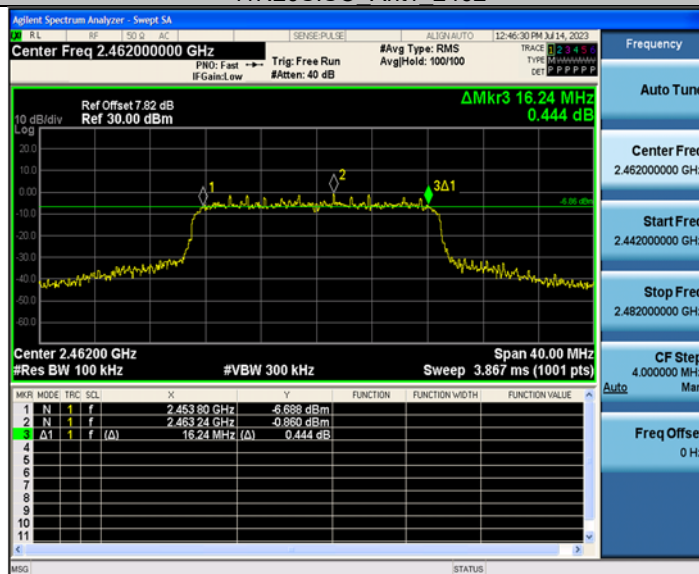
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix B: Maximum conducted output power

Test Result Peak

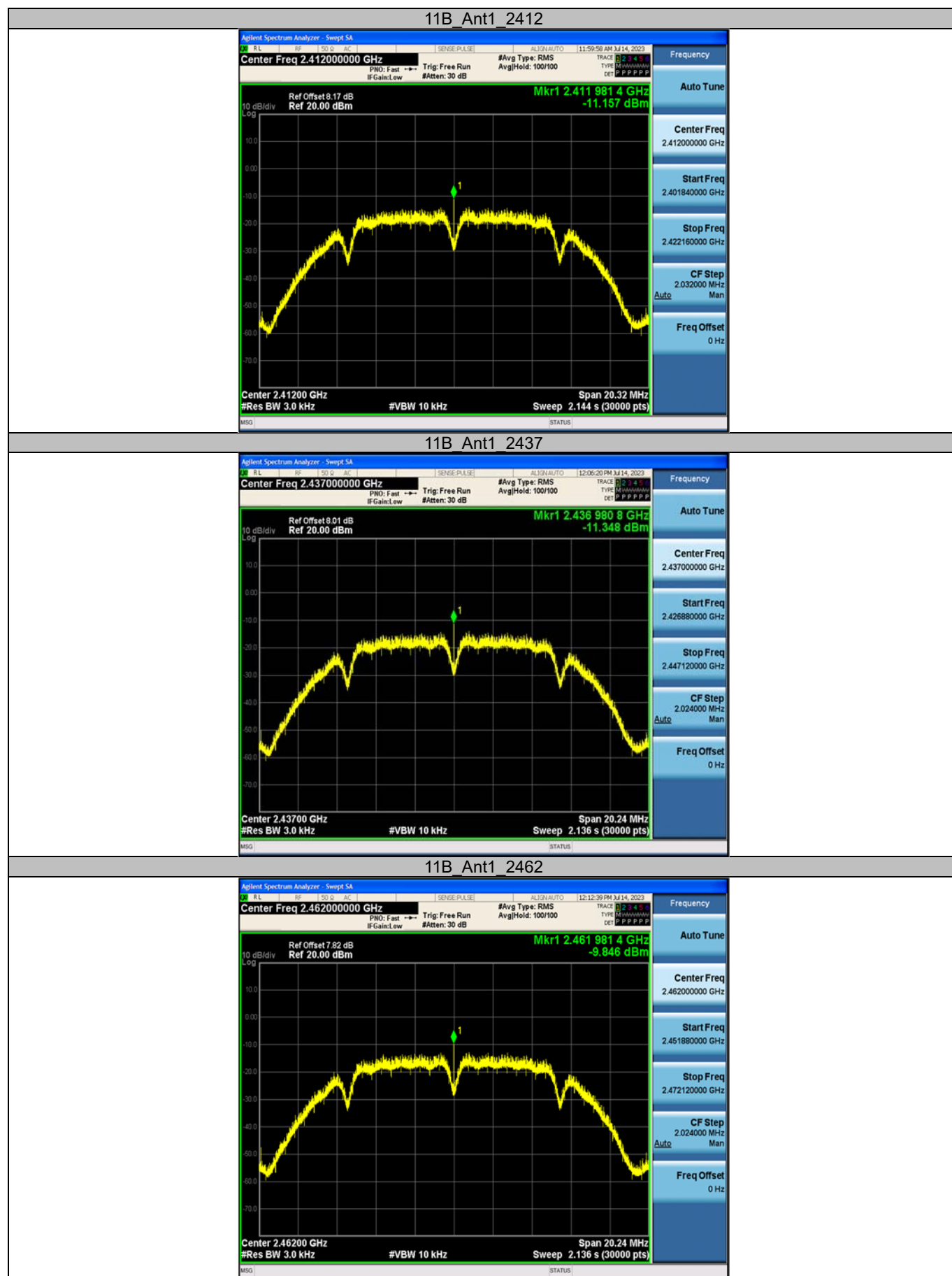
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	15.34	≤30.00	PASS
		2437	15.20	≤30.00	PASS
		2462	16.66	≤30.00	PASS
11G	Ant1	2412	15.66	≤30.00	PASS
		2437	15.80	≤30.00	PASS
		2462	16.84	≤30.00	PASS
11N20SISO	Ant1	2412	16.23	≤30.00	PASS
		2437	16.10	≤30.00	PASS
		2462	17.13	≤30.00	PASS

Appendix C: Maximum power spectral density

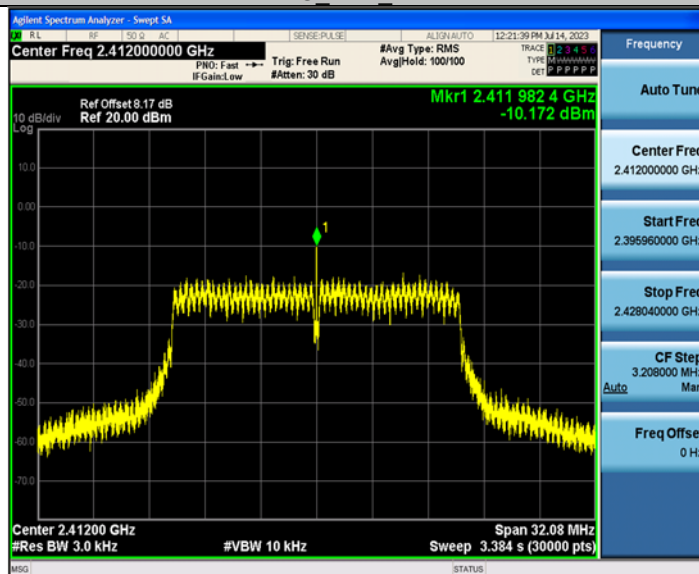
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-11.16	≤8.00	PASS
		2437	-11.35	≤8.00	PASS
		2462	-9.85	≤8.00	PASS
11G	Ant1	2412	-10.17	≤8.00	PASS
		2437	-10.43	≤8.00	PASS
		2462	-9.01	≤8.00	PASS
11N20SISO	Ant1	2412	-9.97	≤8.00	PASS
		2437	-10.21	≤8.00	PASS
		2462	-8.78	≤8.00	PASS

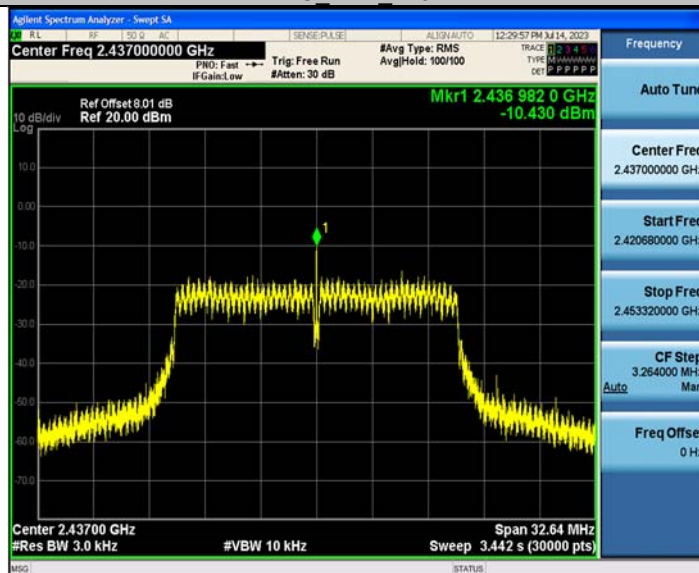
Test Graphs



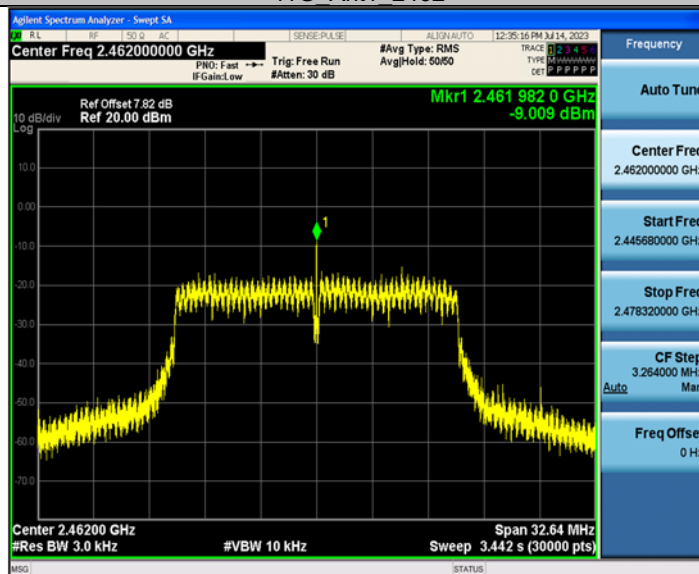
11G Ant1 2412



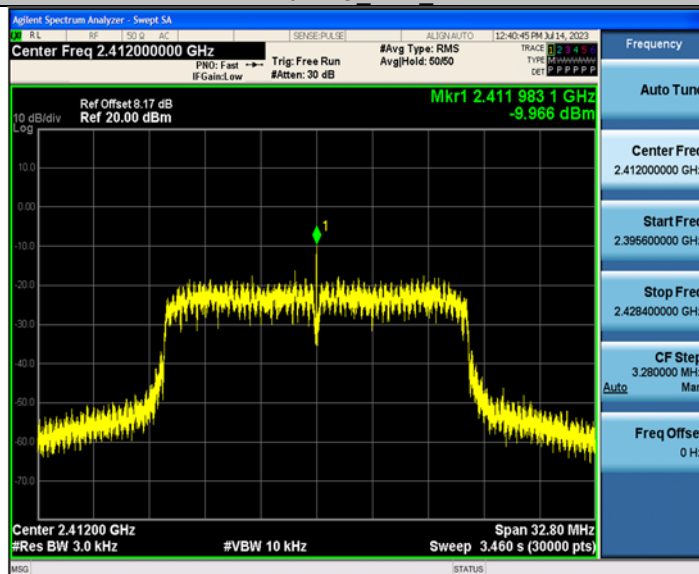
11G Ant1 2437



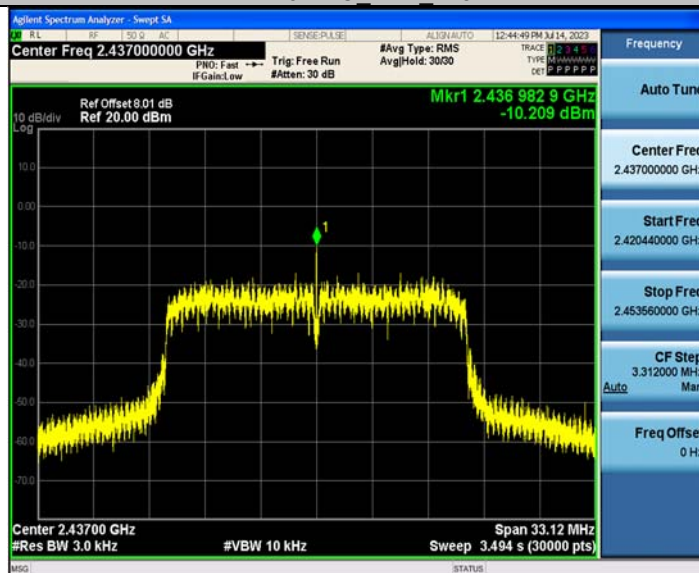
11G Ant1 2462



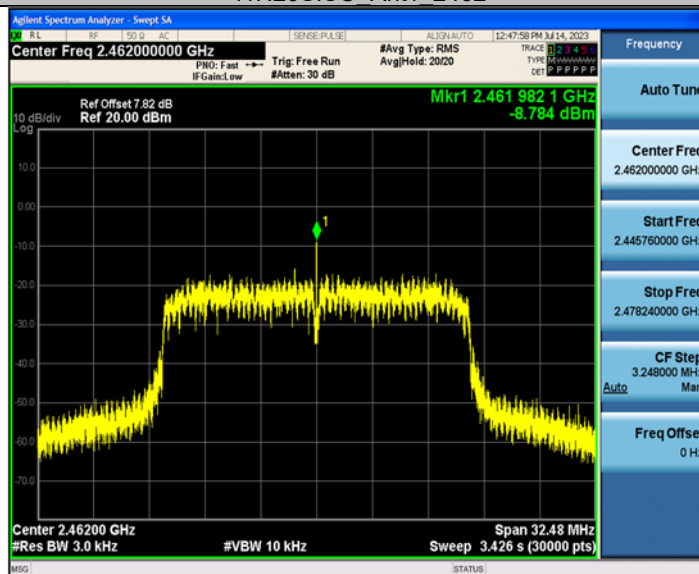
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

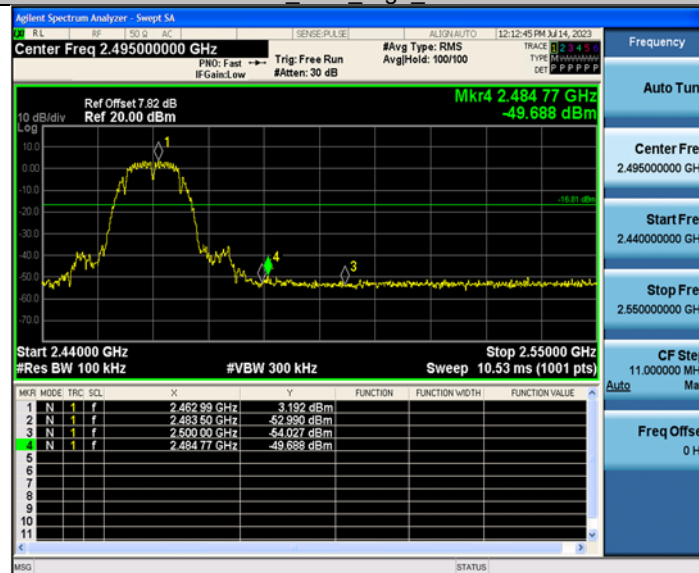


Appendix D: Band edge measurements

11B_Ant1_Low_2412



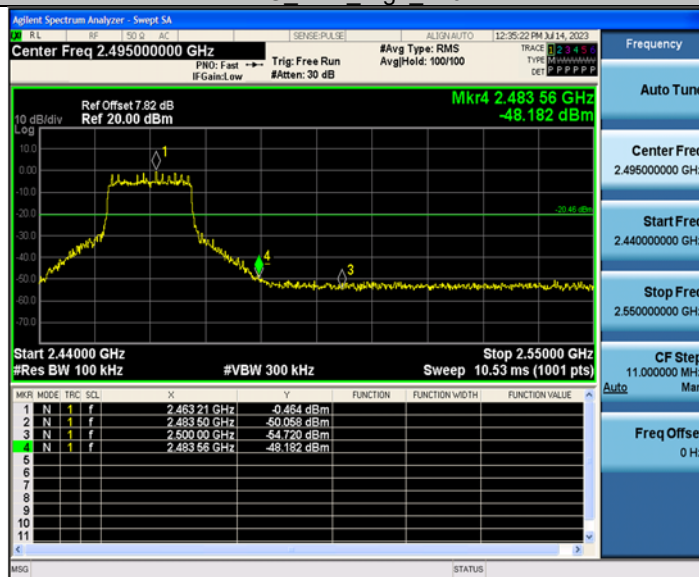
11B_Ant1_High_2462



11G_Ant1_Low_2412



11G Ant1 High 2462



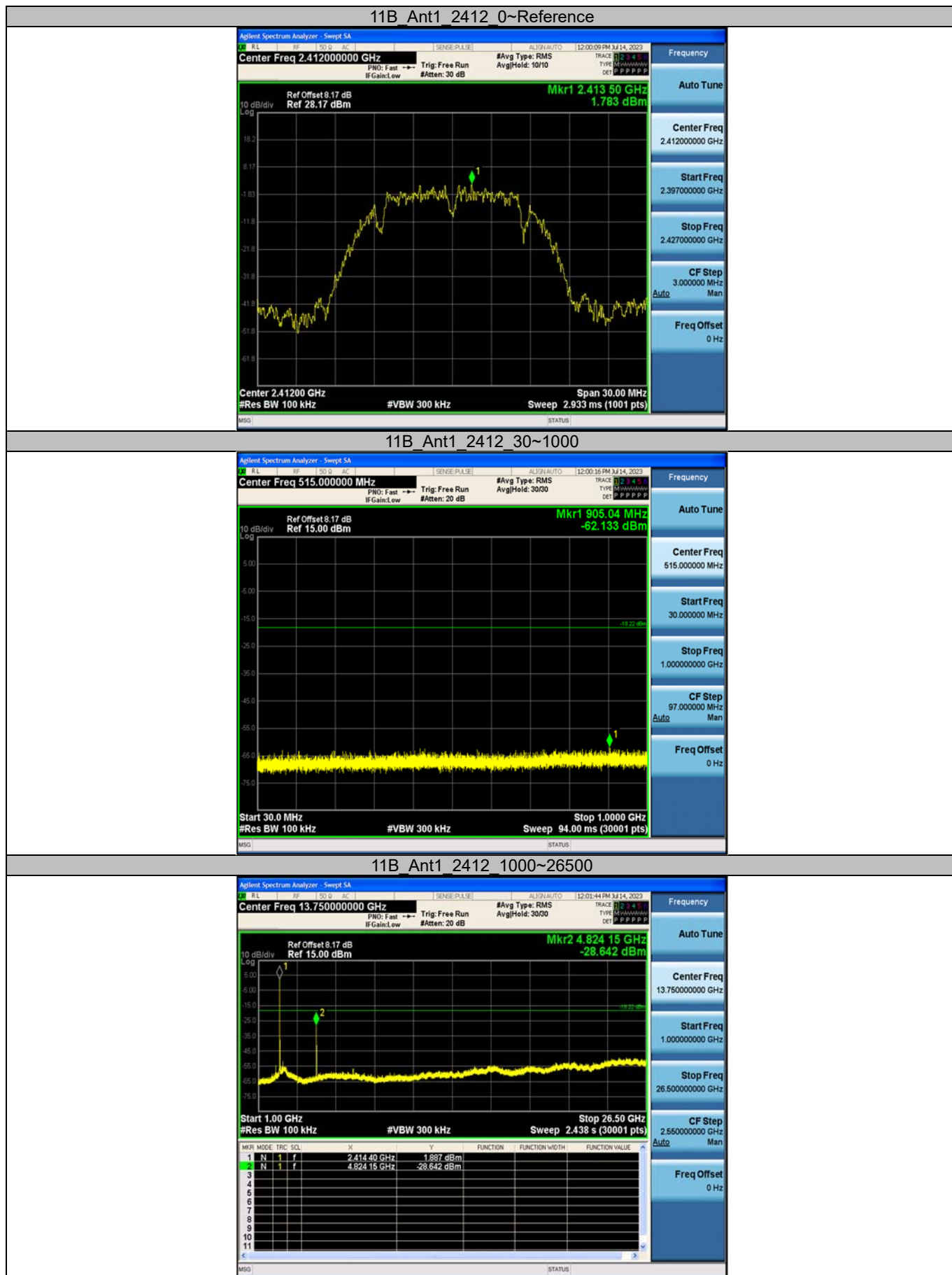
11N20SISO Ant1 Low 2412

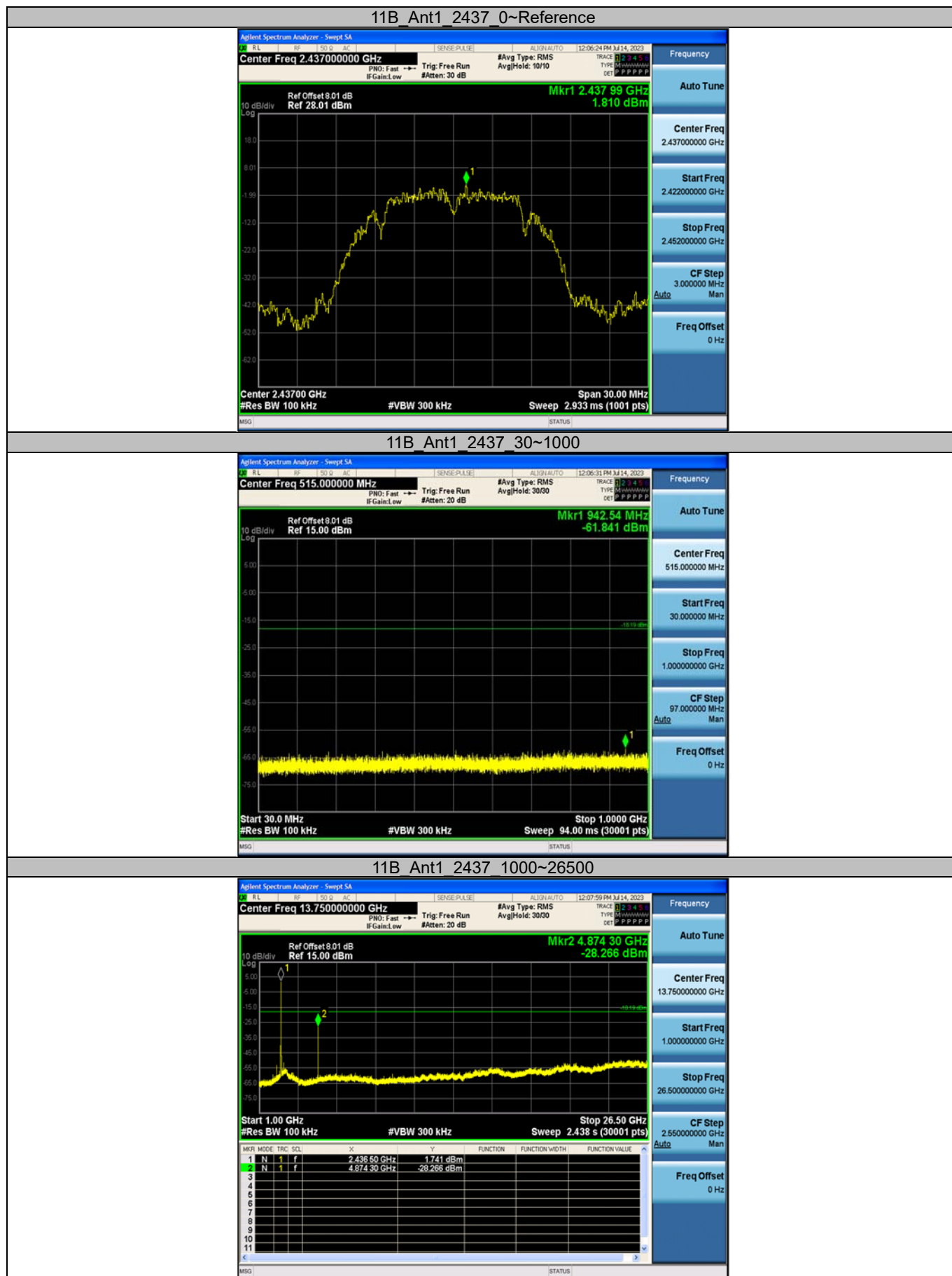


11N20SISO Ant1 High 2462



Appendix E: Conducted Spurious Emission

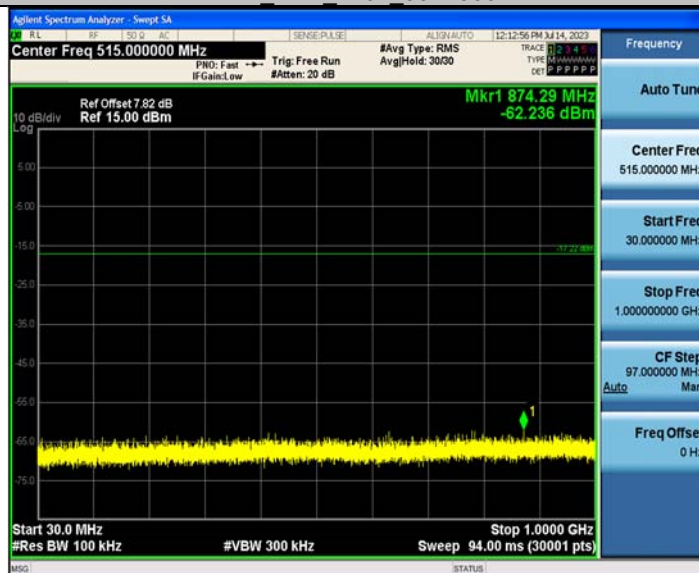




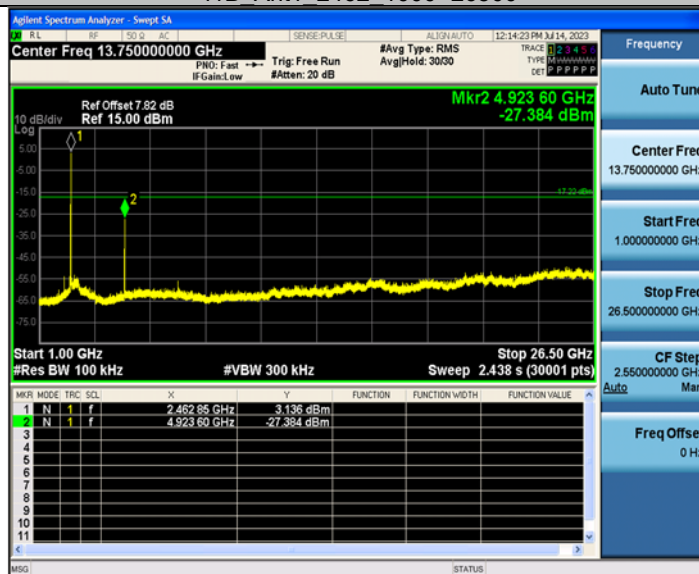
11B_Ant1_2462_0~Reference



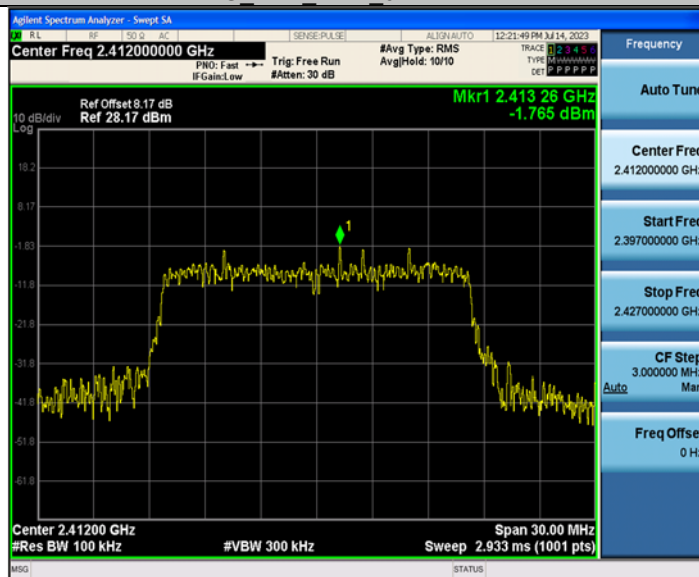
11B_Ant1_2462_30~1000



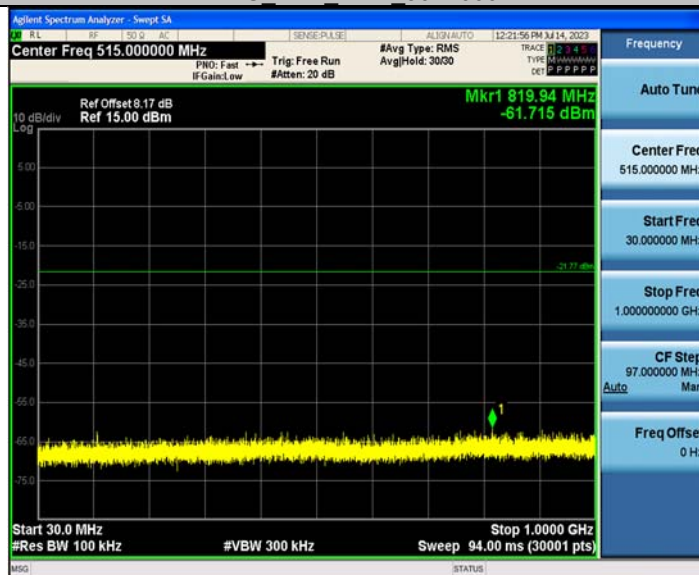
11B_Ant1_2462_1000~26500



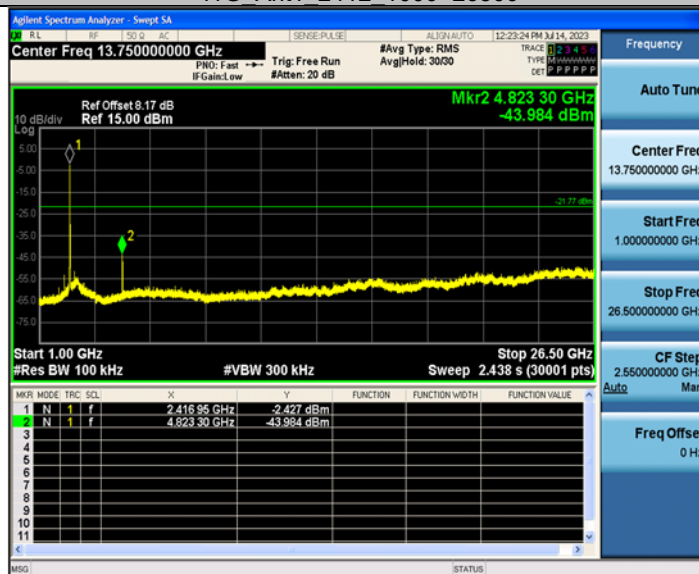
11G_Ant1_2412_0~Reference



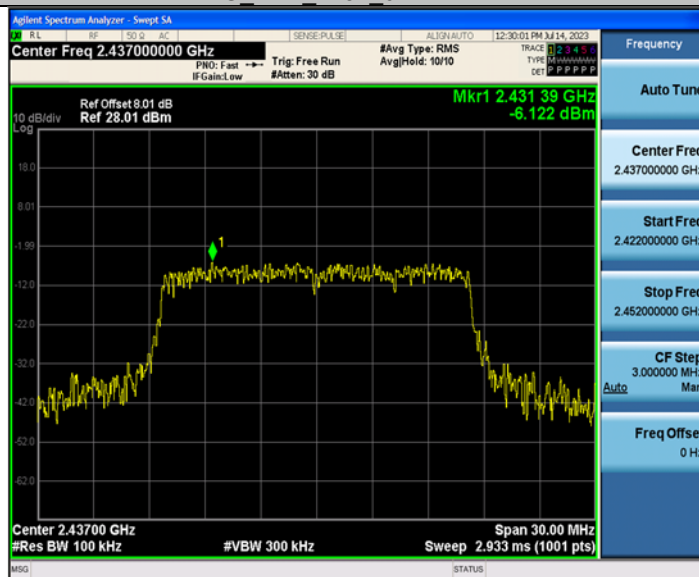
11G_Ant1_2412_30~1000



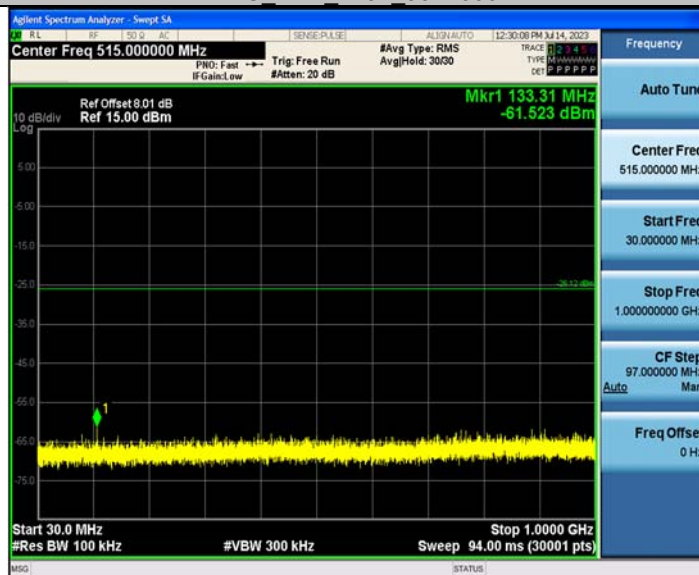
11G_Ant1_2412_1000~26500



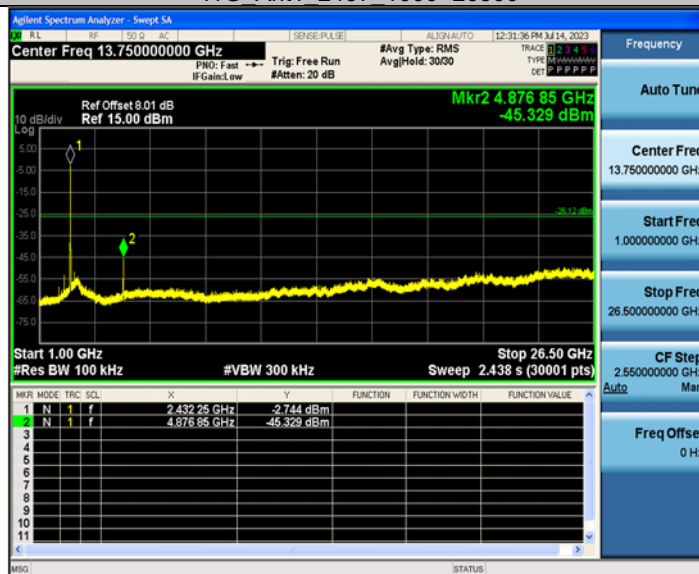
11G_Ant1_2437_0~Reference

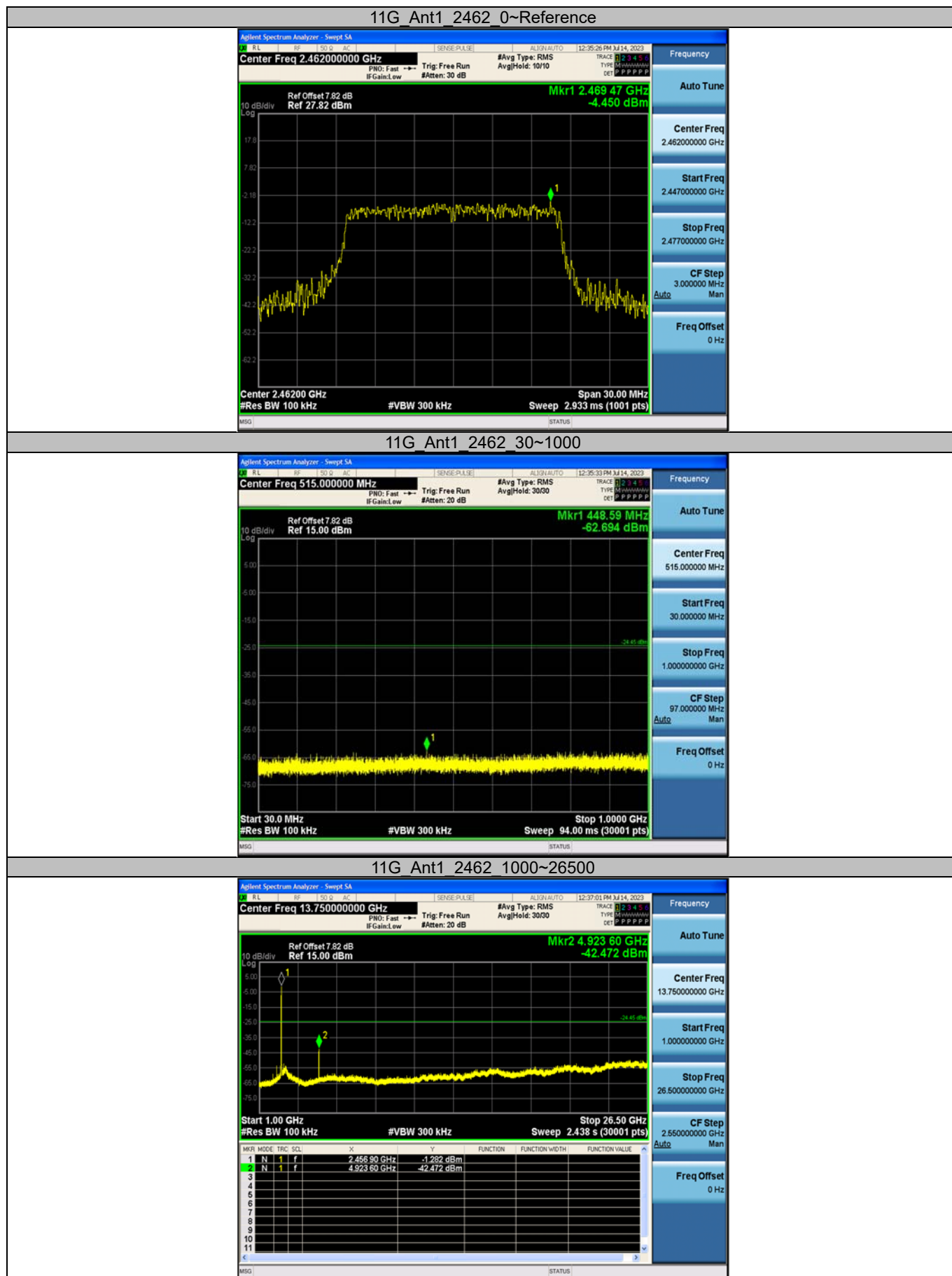


11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

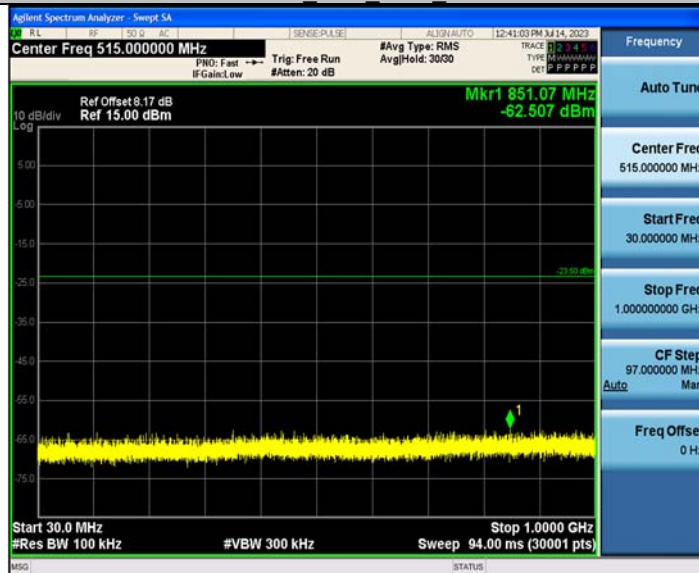




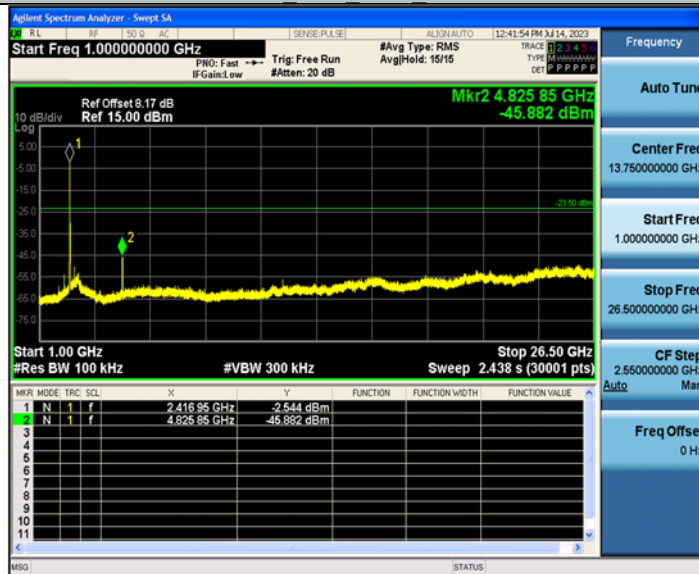
11N20SISO Ant1 2412_0~Reference



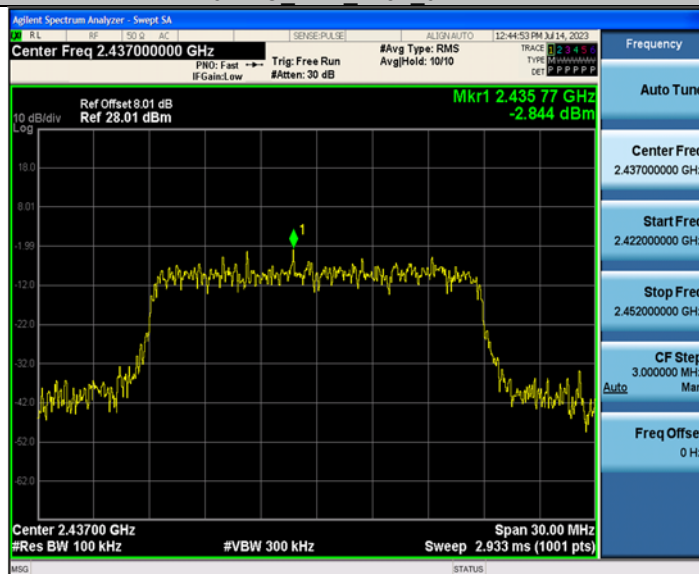
11N20SISO Ant1 2412_30~1000



11N20SISO Ant1 2412_1000~26500



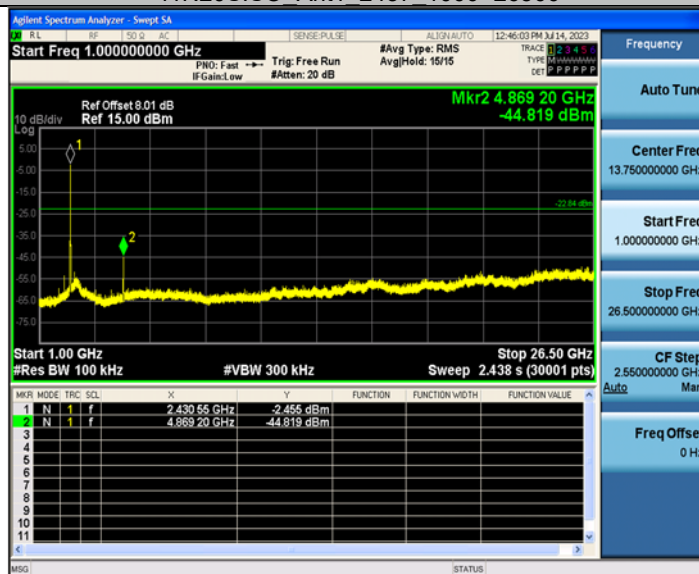
11N20SISO Ant1 2437 0~Reference



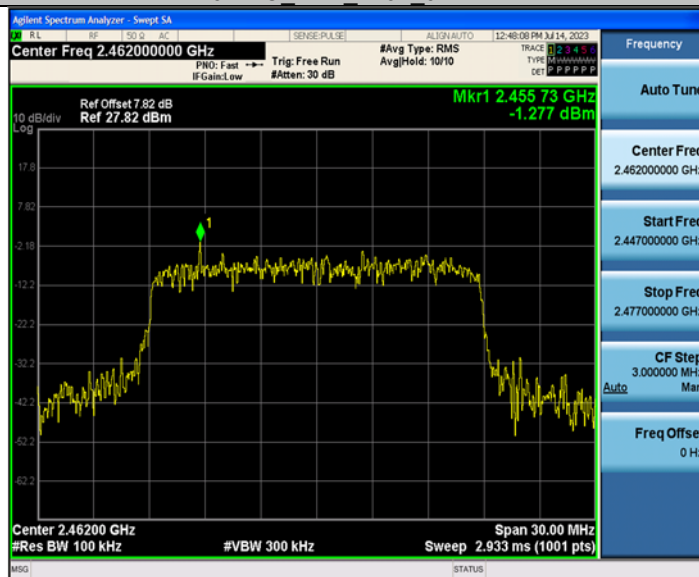
11N20SISO Ant1 2437 30~1000



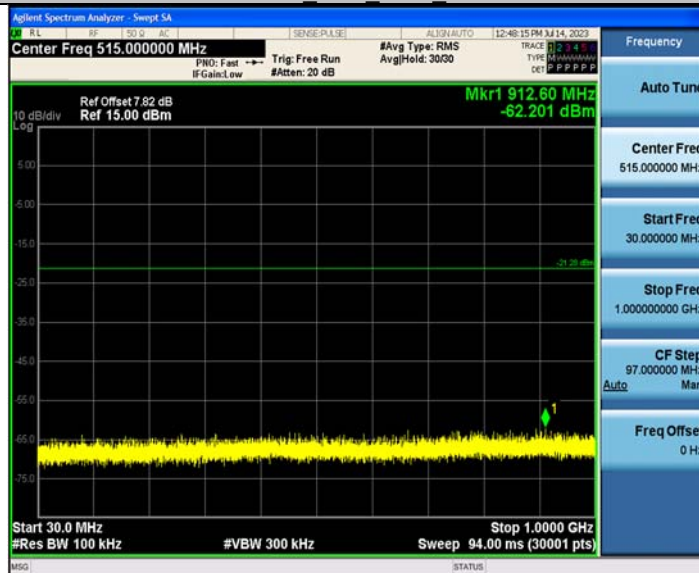
11N20SISO Ant1 2437 1000~26500



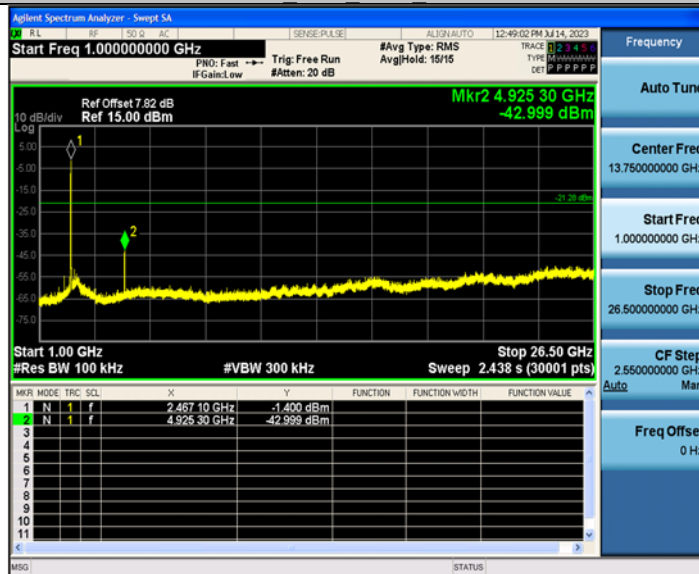
11N20SISO Ant1 2462 0~Reference



11N20SISO Ant1 2462 30~1000



11N20SISO Ant1 2462 1000~26500



Appendix F: Duty Cycle

Test Result

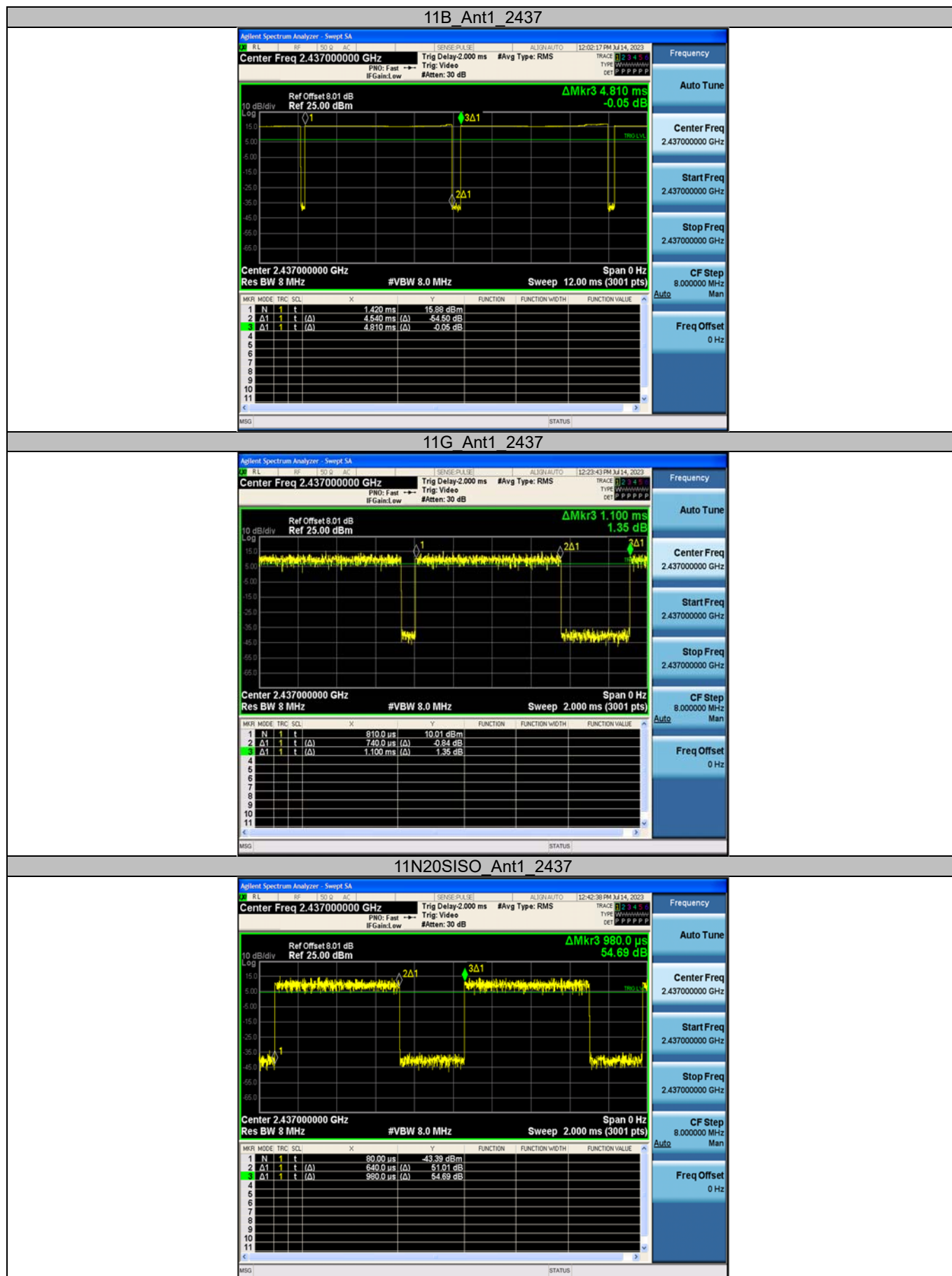
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2437	4.54	4.81	94.39	0.25
11G	Ant1	2437	0.74	1.10	67.27	1.72
11N20SISO	Ant1	2437	0.64	0.98	65.31	1.85

Notes:

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

Factor = 10 * log (Duty Cycle)

Test Graphs



----End of Report----