

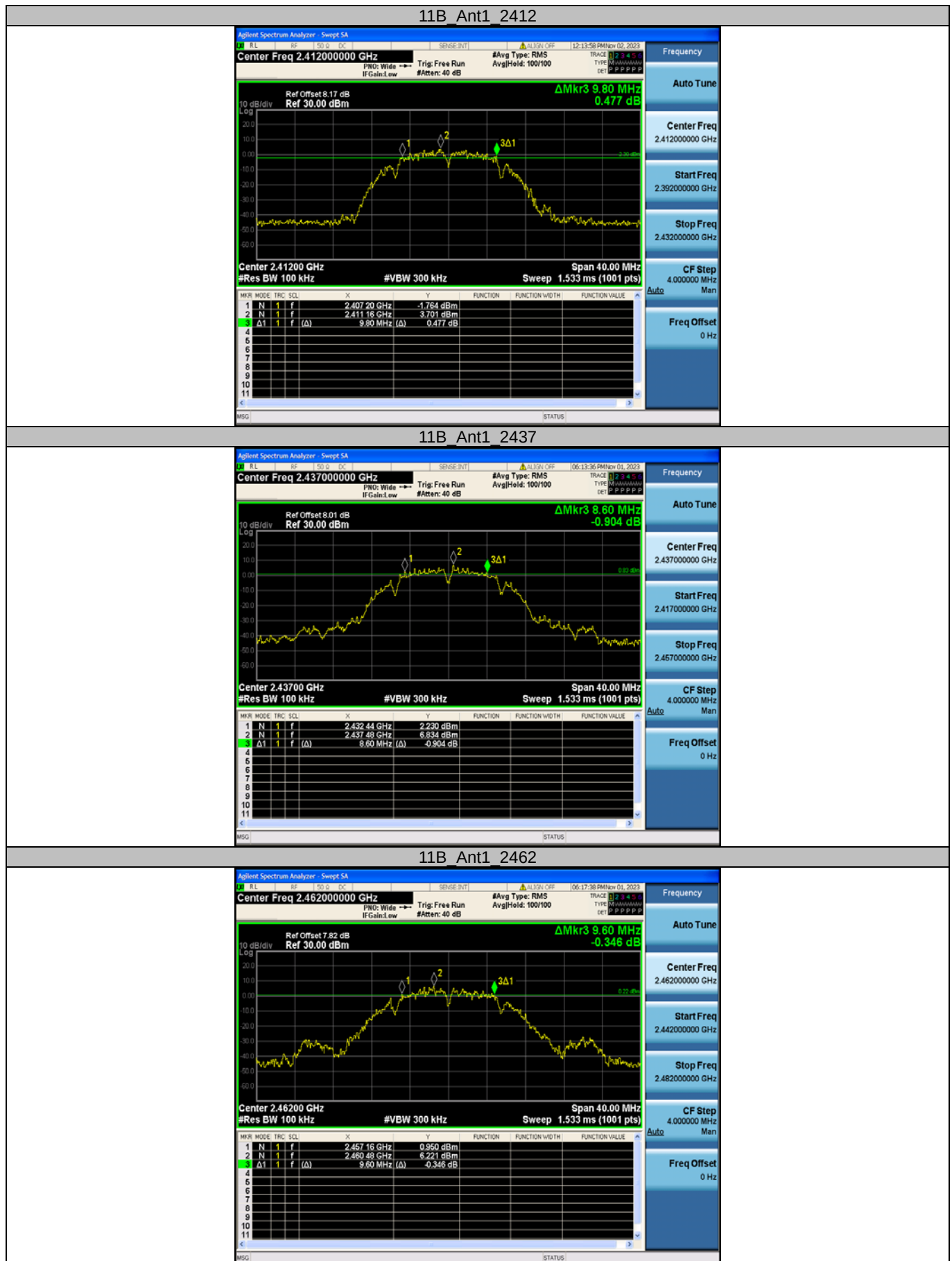
Appendix

Appendix A: 6dB Bandwidth

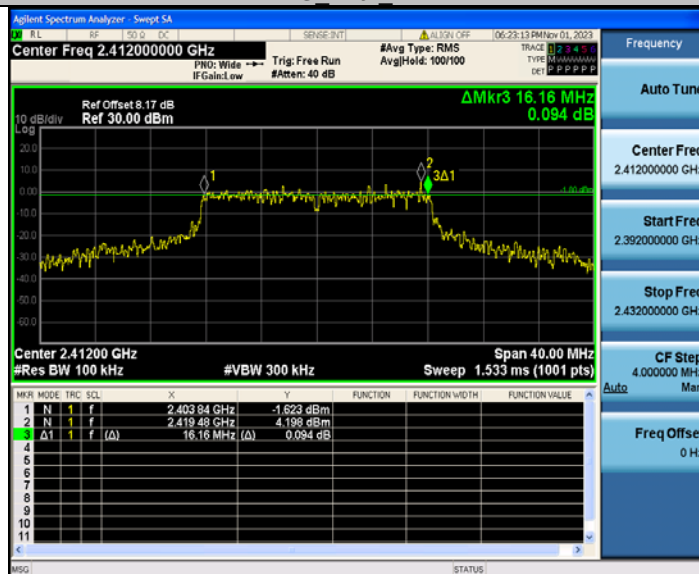
Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	9.800	0.5	PASS
		2437	8.600	0.5	PASS
		2462	9.600	0.5	PASS
11G	Ant1	2412	16.160	0.5	PASS
		2437	16.400	0.5	PASS
		2462	15.880	0.5	PASS
11N20SISO	Ant1	2412	17.520	0.5	PASS
		2437	17.320	0.5	PASS
		2462	17.280	0.5	PASS
11N40SISO	Ant1	2422	35.680	0.5	PASS
		2437	36.240	0.5	PASS
		2452	35.360	0.5	PASS

Test Graphs



11G Ant1 2412



11G Ant1 2437



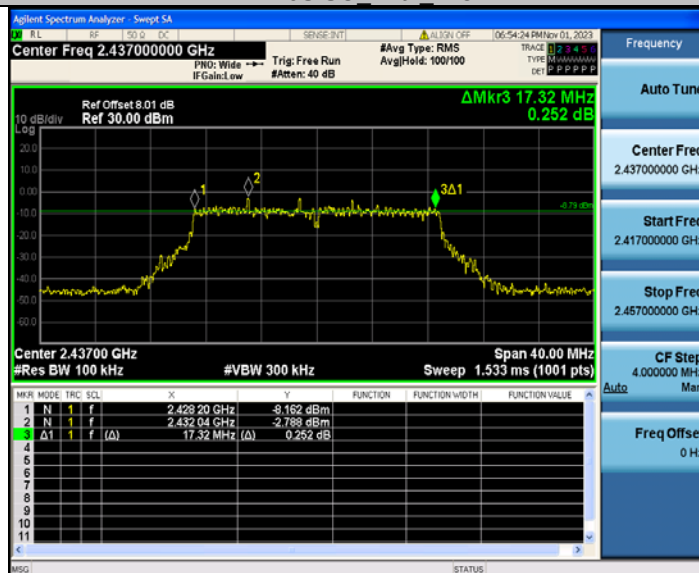
11G Ant1 2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



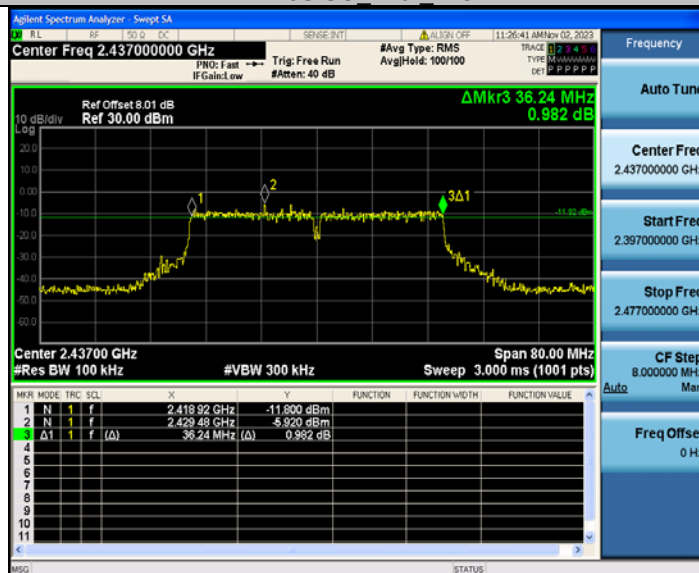
11N20SISO_Ant1_2462



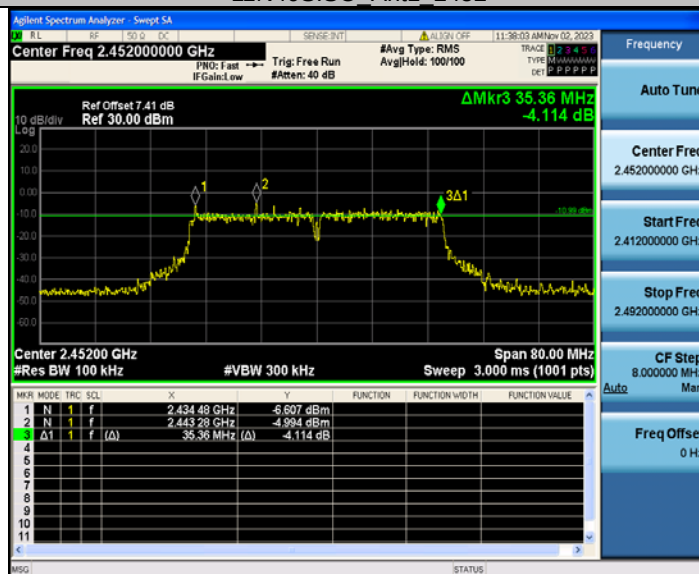
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix B: Maximum conducted output power

Test Result Peak

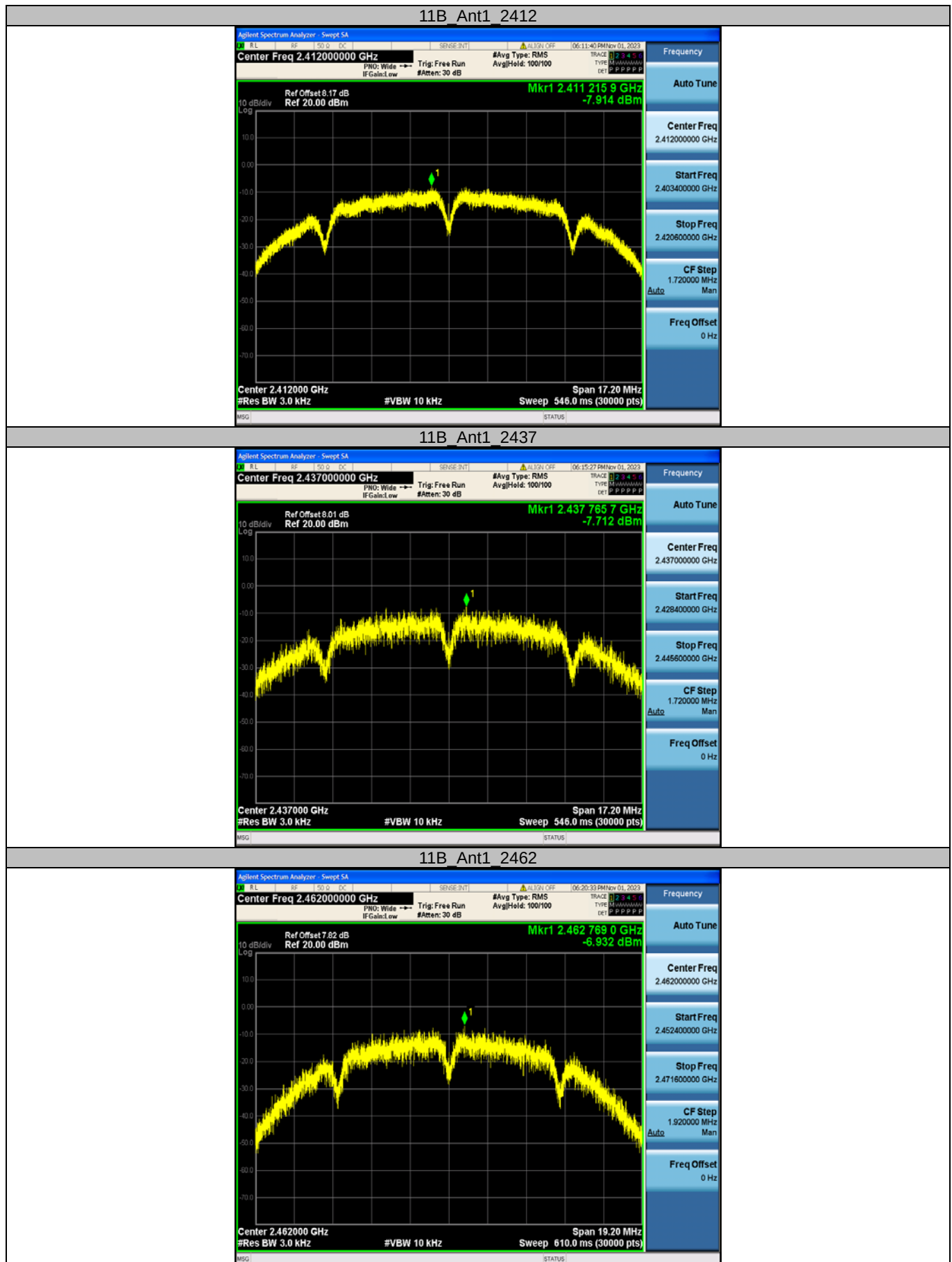
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	19.73	≤30.00	PASS
		2437	19.59	≤30.00	PASS
		2462	19.48	≤30.00	PASS
11G	Ant1	2412	23.08	≤30.00	PASS
		2437	22.14	≤30.00	PASS
		2462	22.22	≤30.00	PASS
11N20SISO	Ant1	2412	23.08	≤30.00	PASS
		2437	22.07	≤30.00	PASS
		2462	22.17	≤30.00	PASS
11N40SISO	Ant1	2422	22.26	≤30.00	PASS
		2437	22.00	≤30.00	PASS
		2452	22.01	≤30.00	PASS

Appendix C: Maximum power spectral density

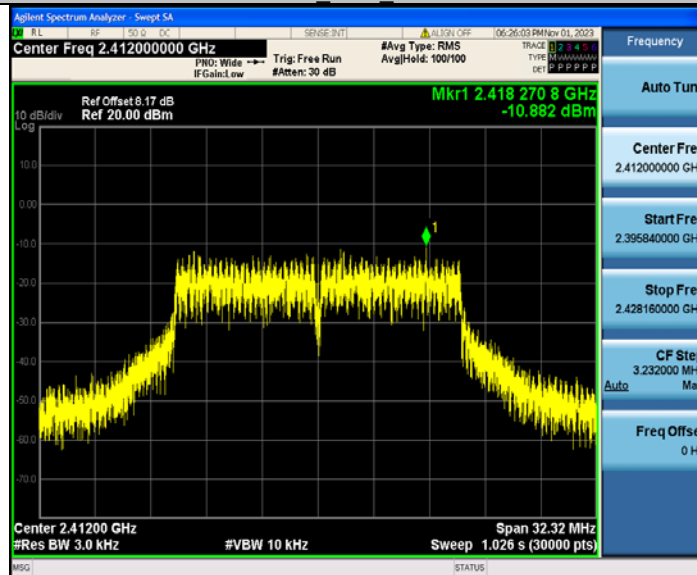
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-7.91	≤8.00	PASS
		2437	-7.71	≤8.00	PASS
		2462	-6.93	≤8.00	PASS
11G	Ant1	2412	-10.88	≤8.00	PASS
		2437	-15.28	≤8.00	PASS
		2462	-15.01	≤8.00	PASS
11N20SISO	Ant1	2412	-15.71	≤8.00	PASS
		2437	-15.79	≤8.00	PASS
		2462	-14.9	≤8.00	PASS
11N40SISO	Ant1	2422	-17.73	≤8.00	PASS
		2437	-16.92	≤8.00	PASS
		2452	-17.58	≤8.00	PASS

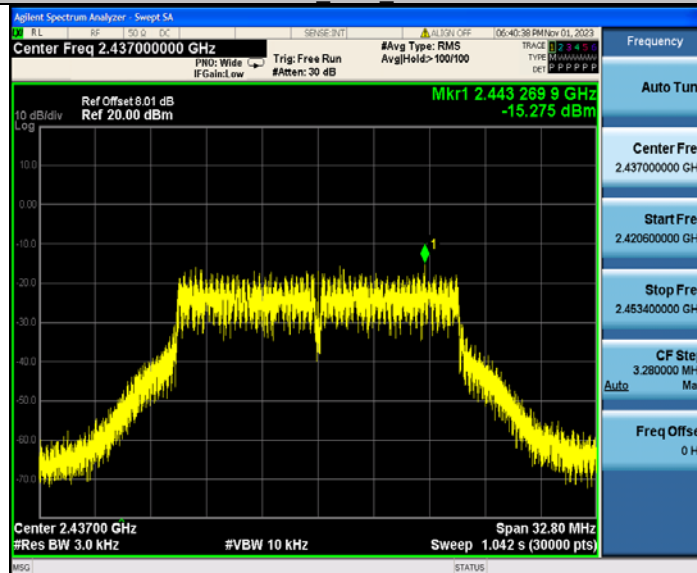
Test Graphs



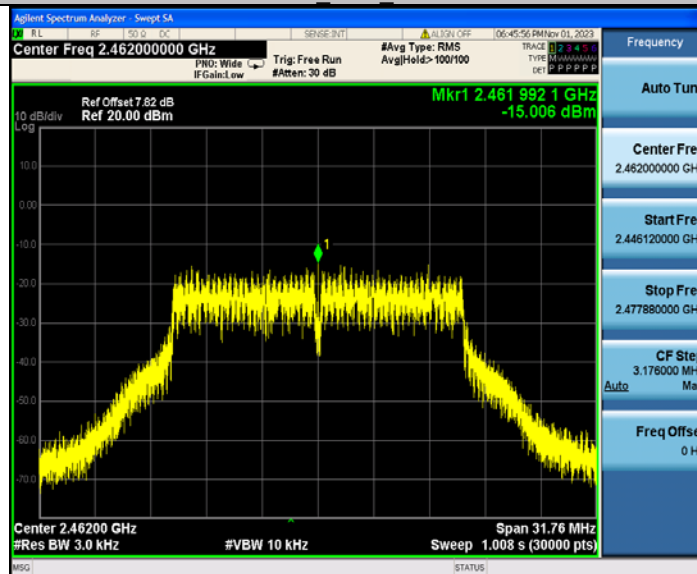
11G Ant1_2412



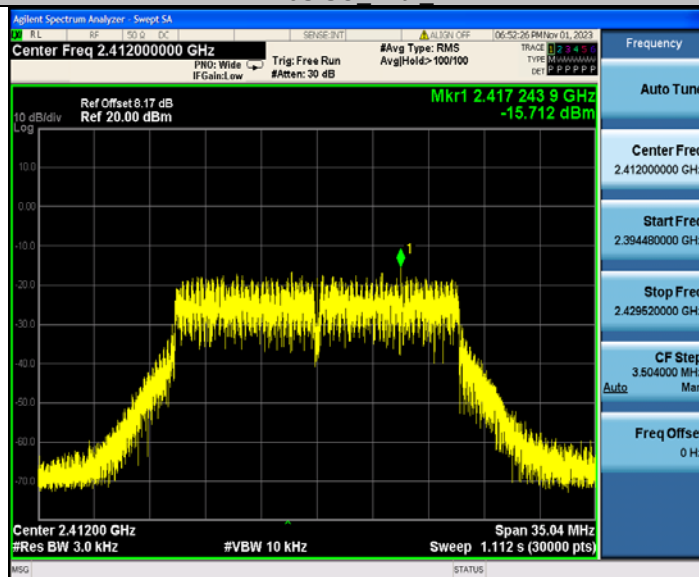
11G Ant1_2437



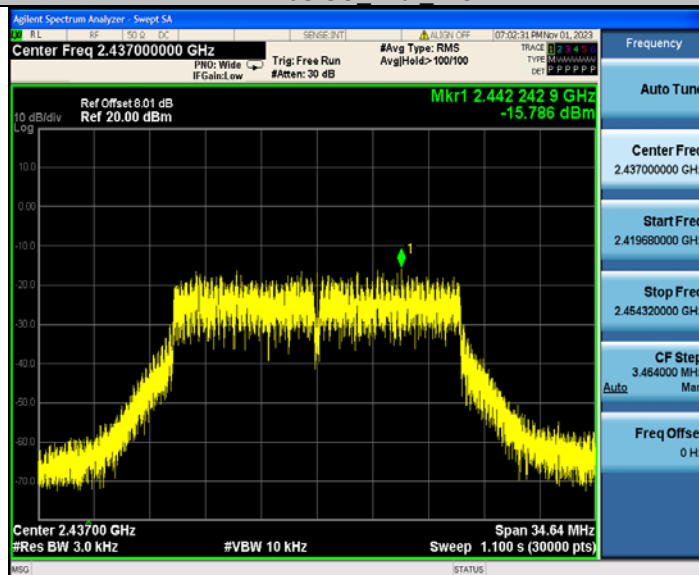
11G Ant1_2462



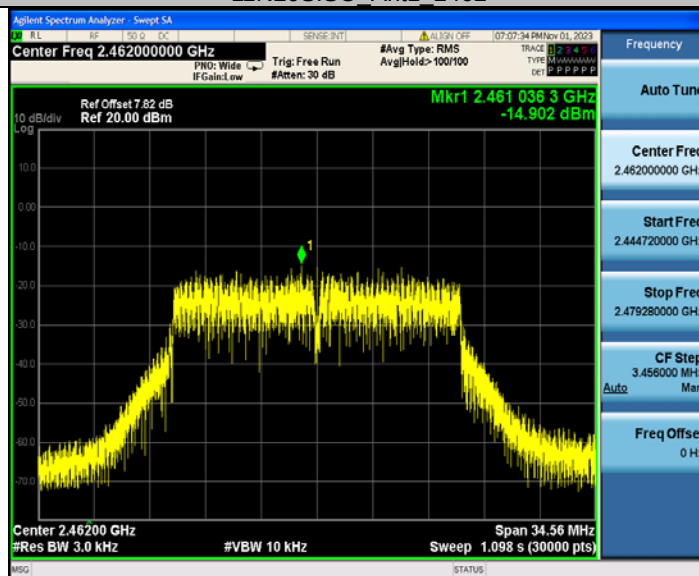
11N20SISO_Ant1_2412



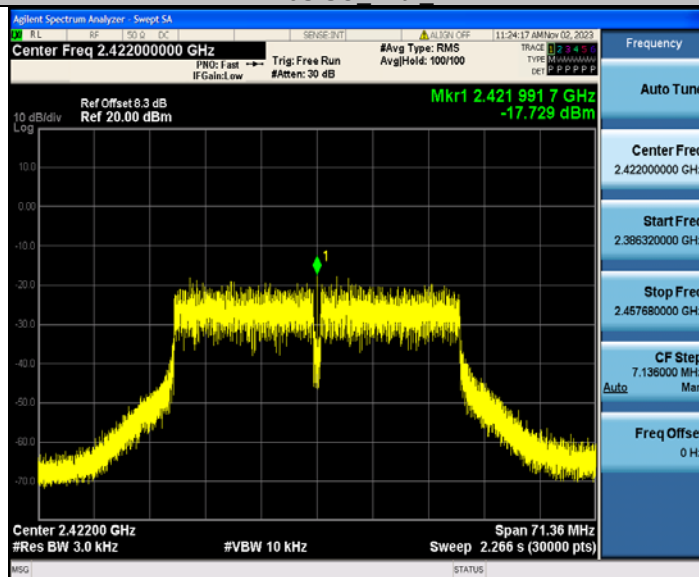
11N20SISO_Ant1_2437



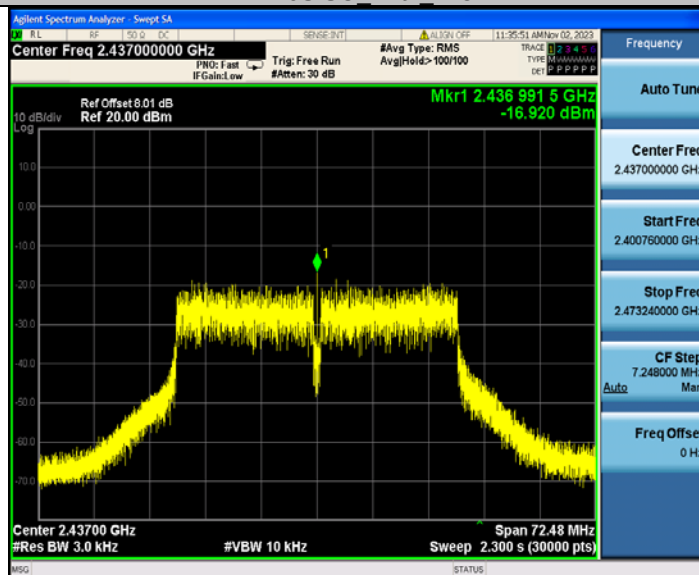
11N20SISO_Ant1_2462



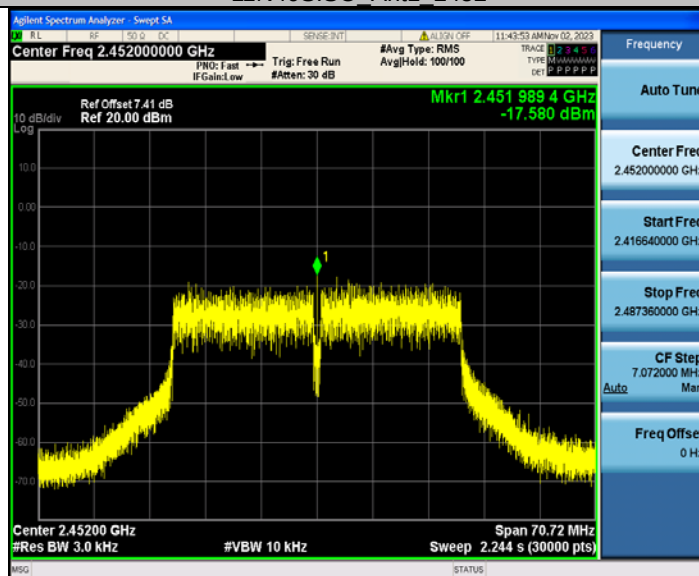
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

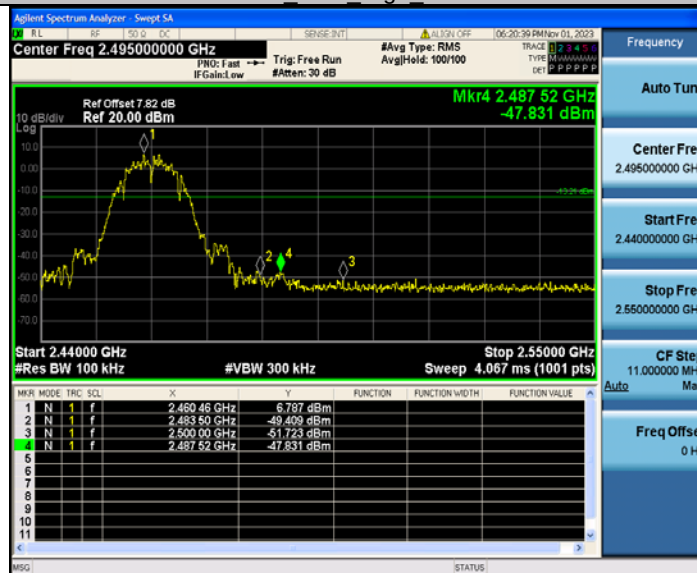


Appendix D: Band edge measurements

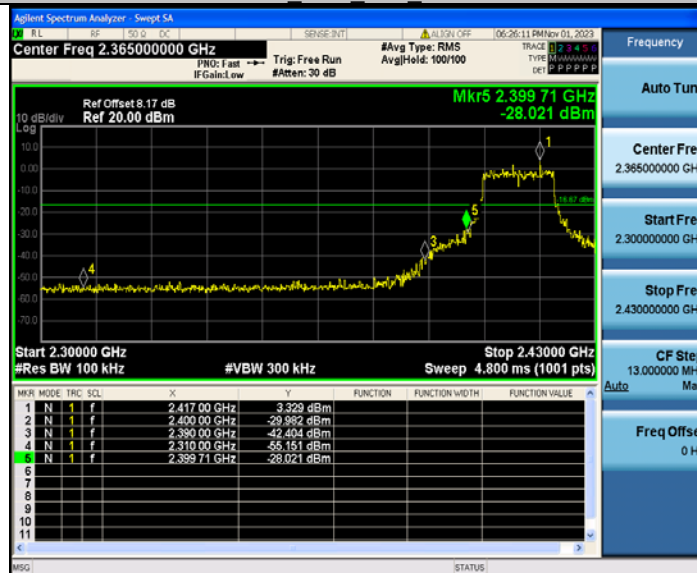
11B Ant1 Low 2412



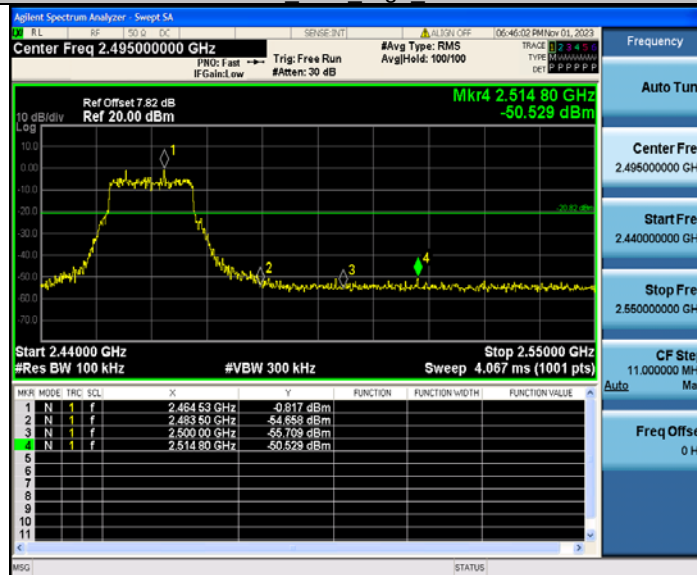
11B Ant1 High 2462



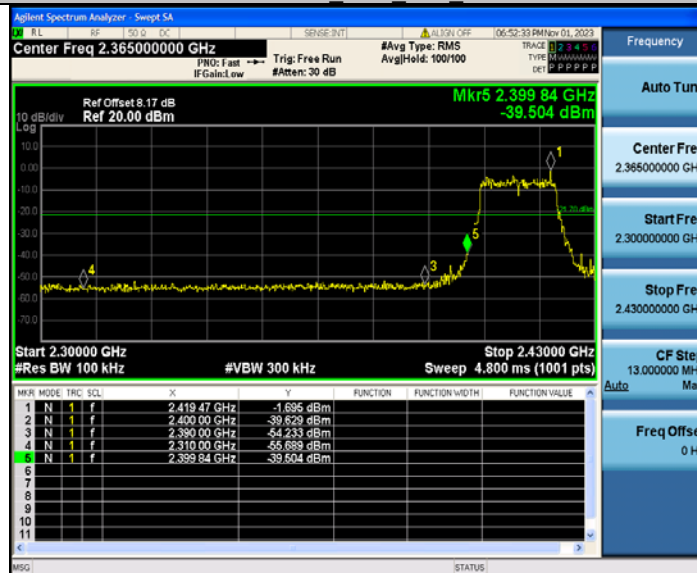
11G Ant1 Low 2412



11G Ant1 High 2462



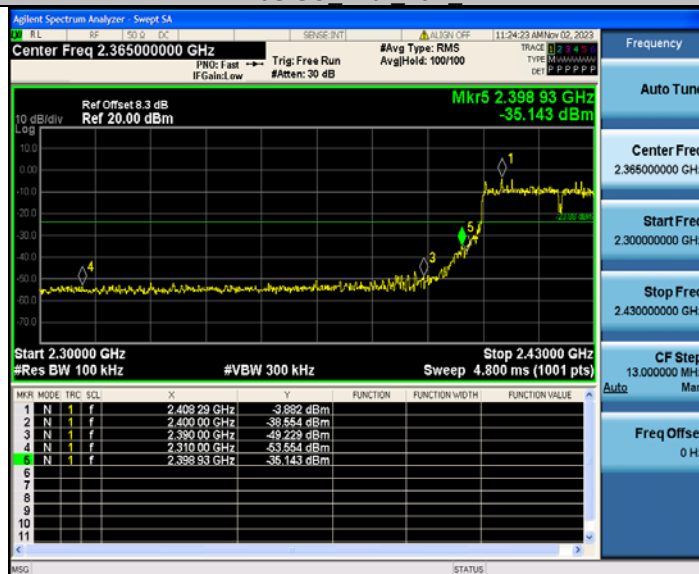
11N20SISO Ant1 Low 2412



11N20SISO Ant1 High 2462



11N40SISO Ant1 Low 2422



11N40SISO Ant1 High 2452

