

Appendix B: Maximum conducted output power

Test Result Peak

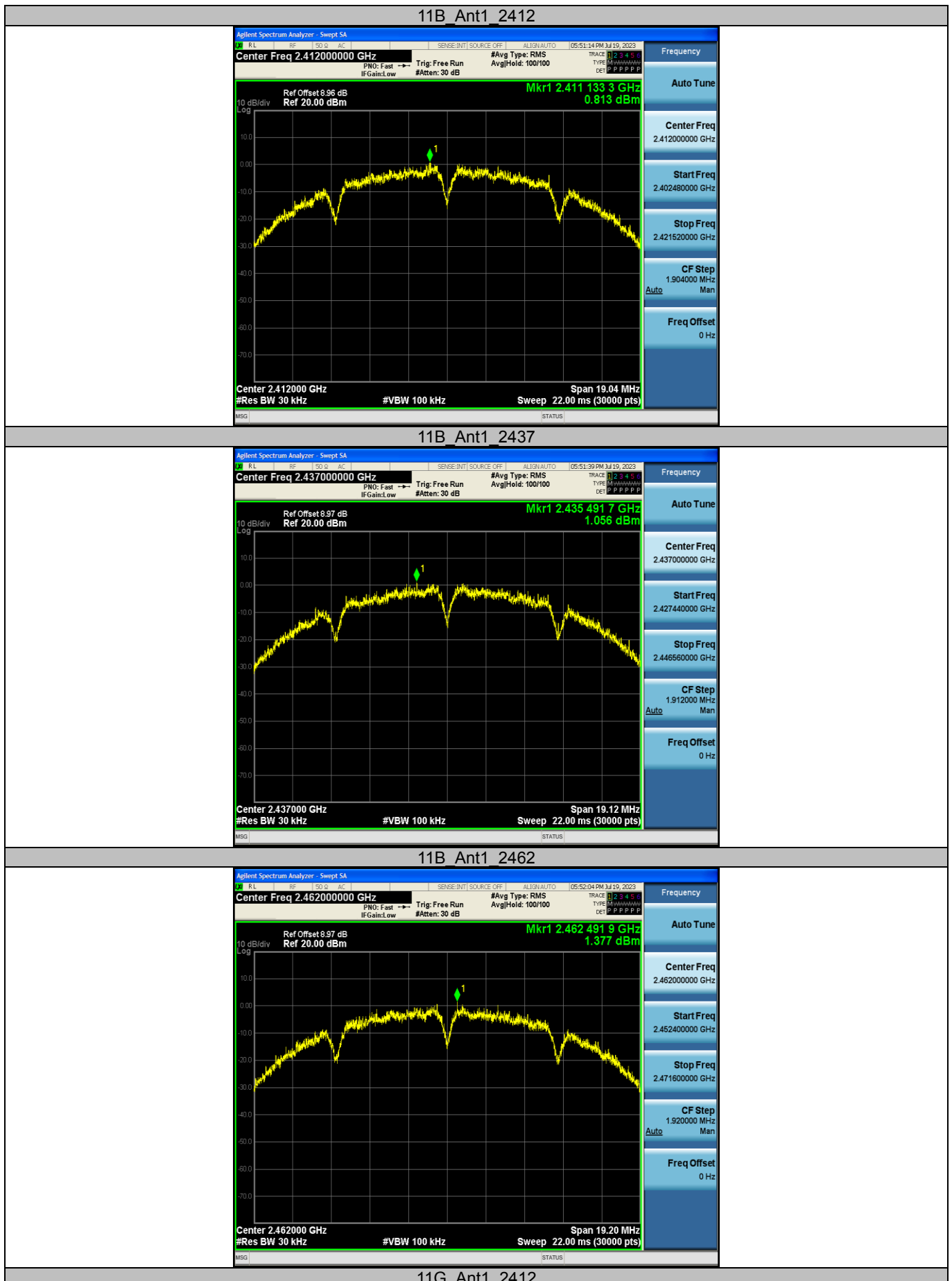
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	16.45	≤30.00	PASS
		2437	16.48	≤30.00	PASS
		2462	15.93	≤30.00	PASS
11G	Ant1	2412	16.19	≤30.00	PASS
		2437	16.68	≤30.00	PASS
		2462	16.21	≤30.00	PASS
11N20SISO	Ant1	2412	16.15	≤30.00	PASS
		2437	16.62	≤30.00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

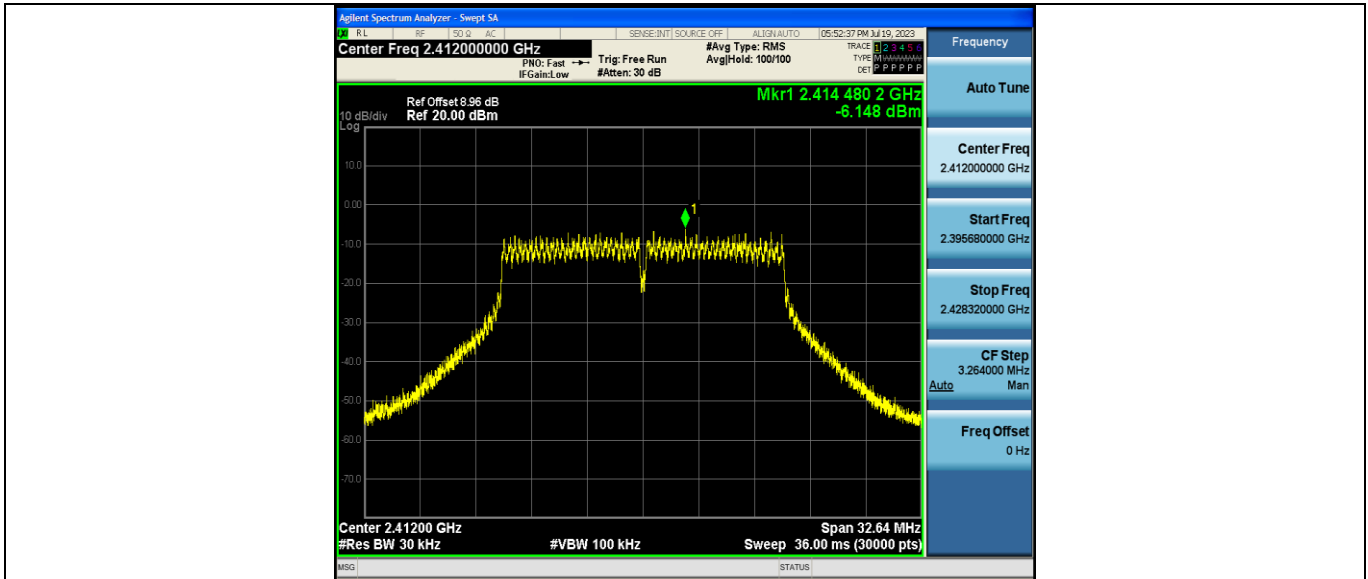
Appendix C: Maximum power spectral density

Test Result

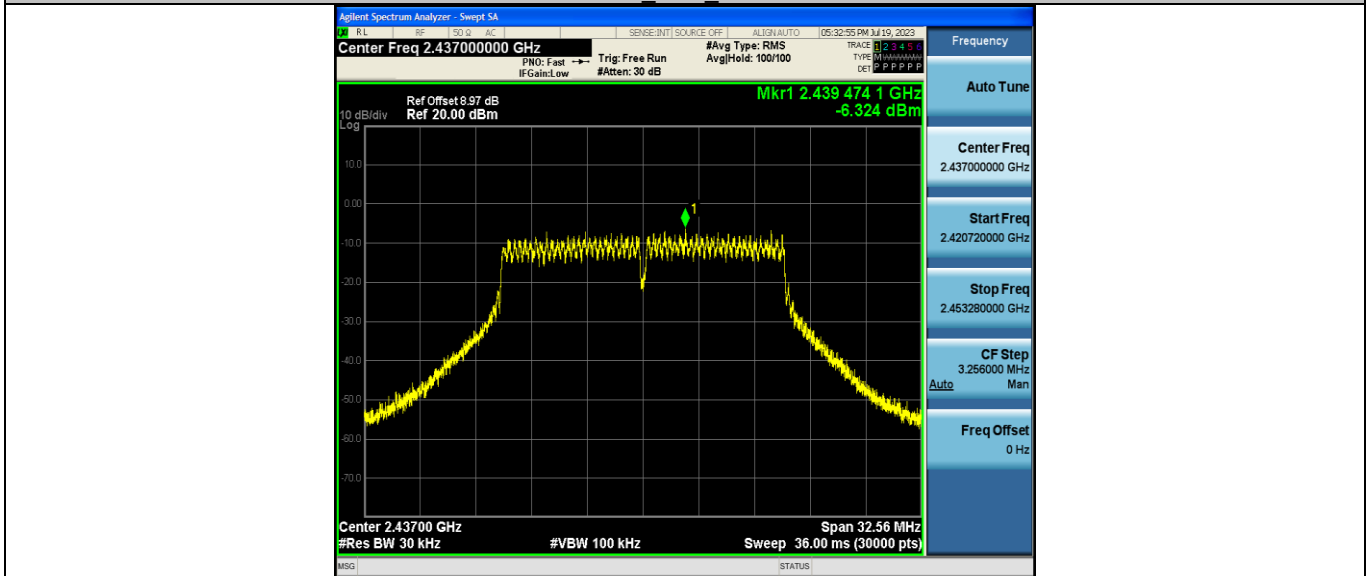
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	0.81	≤8.00	PASS
		2437	1.06	≤8.00	PASS
		2462	1.38	≤8.00	PASS
11G	Ant1	2412	-6.15	≤8.00	PASS
		2437	-6.32	≤8.00	PASS
		2462	-7.01	≤8.00	PASS
11N20SISO	Ant1	2412	-7.11	≤8.00	PASS
		2437	-6.36	≤8.00	PASS
		2462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

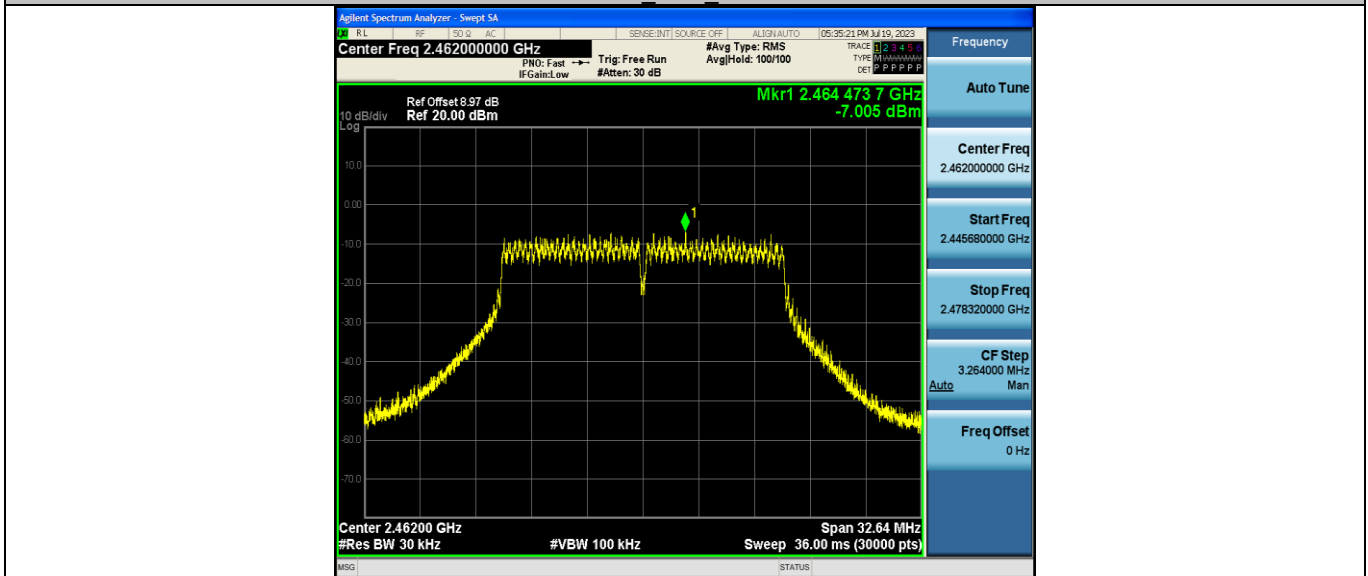




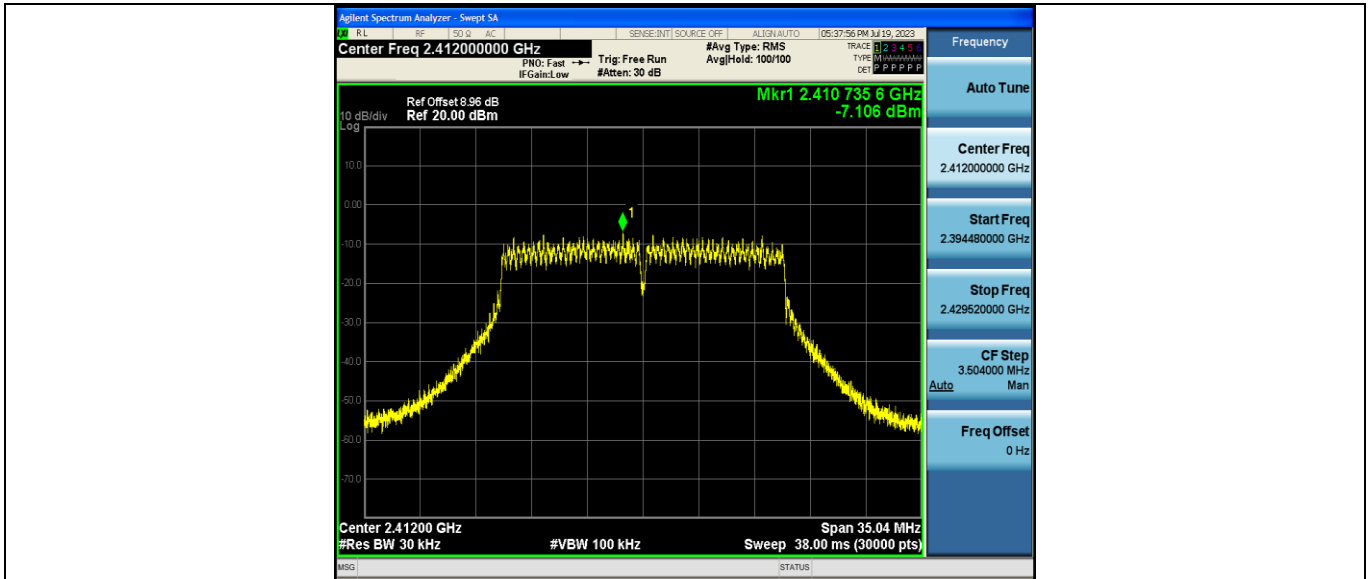
11G_Ant1_2437



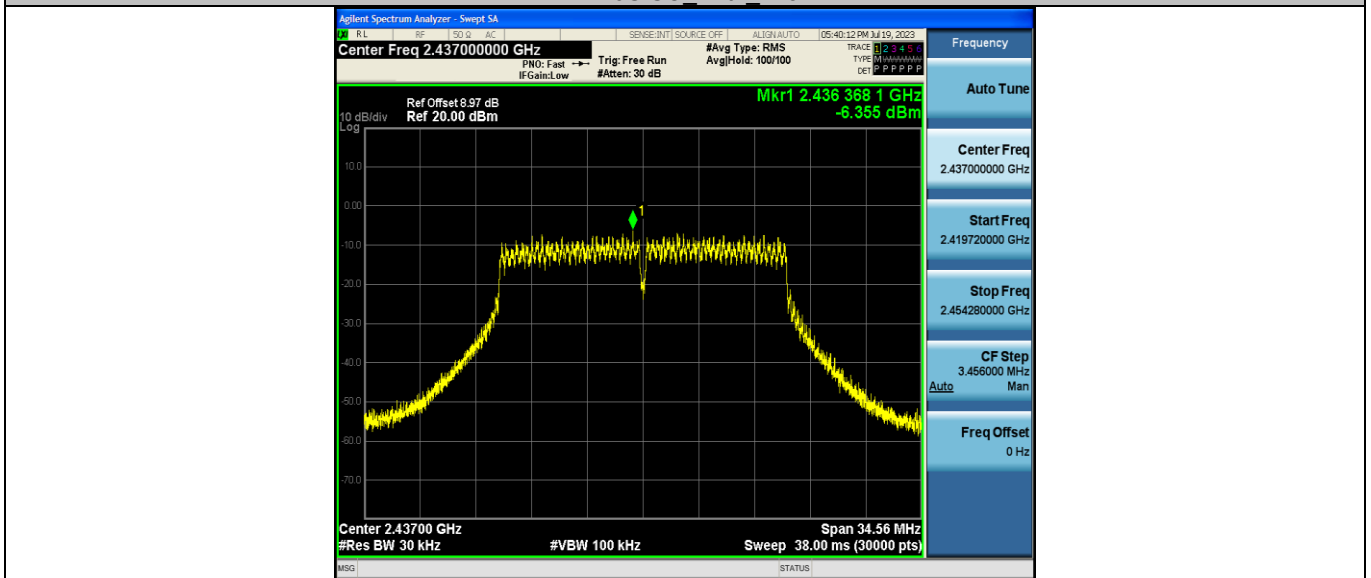
11G_Ant1_2462



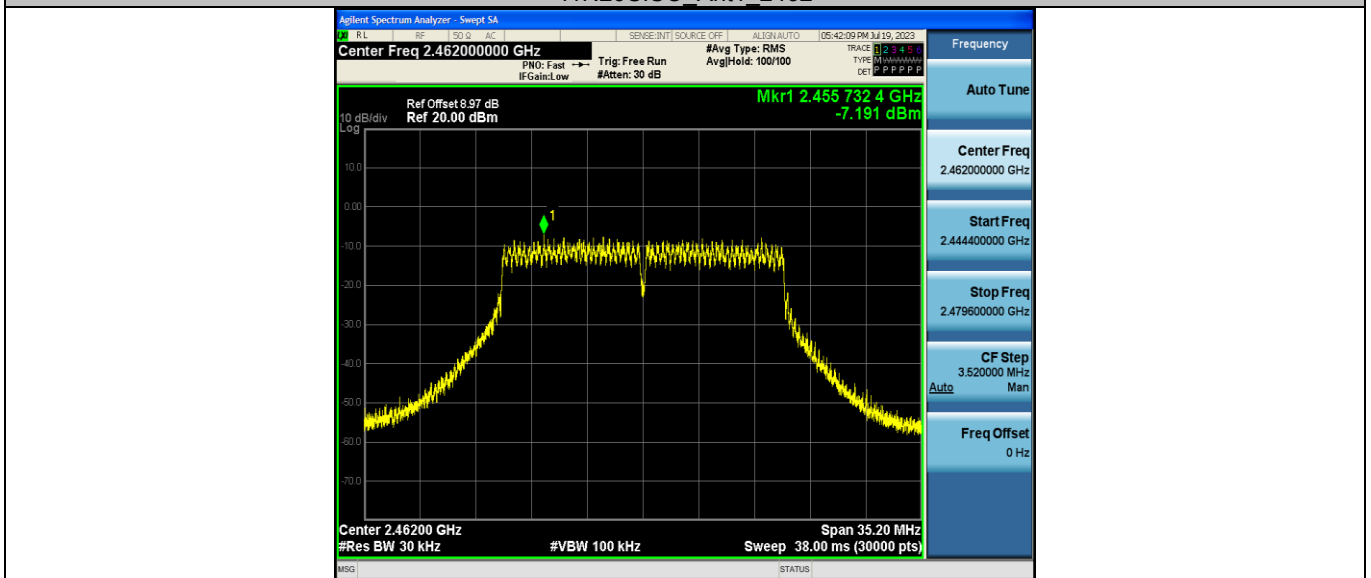
11N20SISO_Ant1_2412



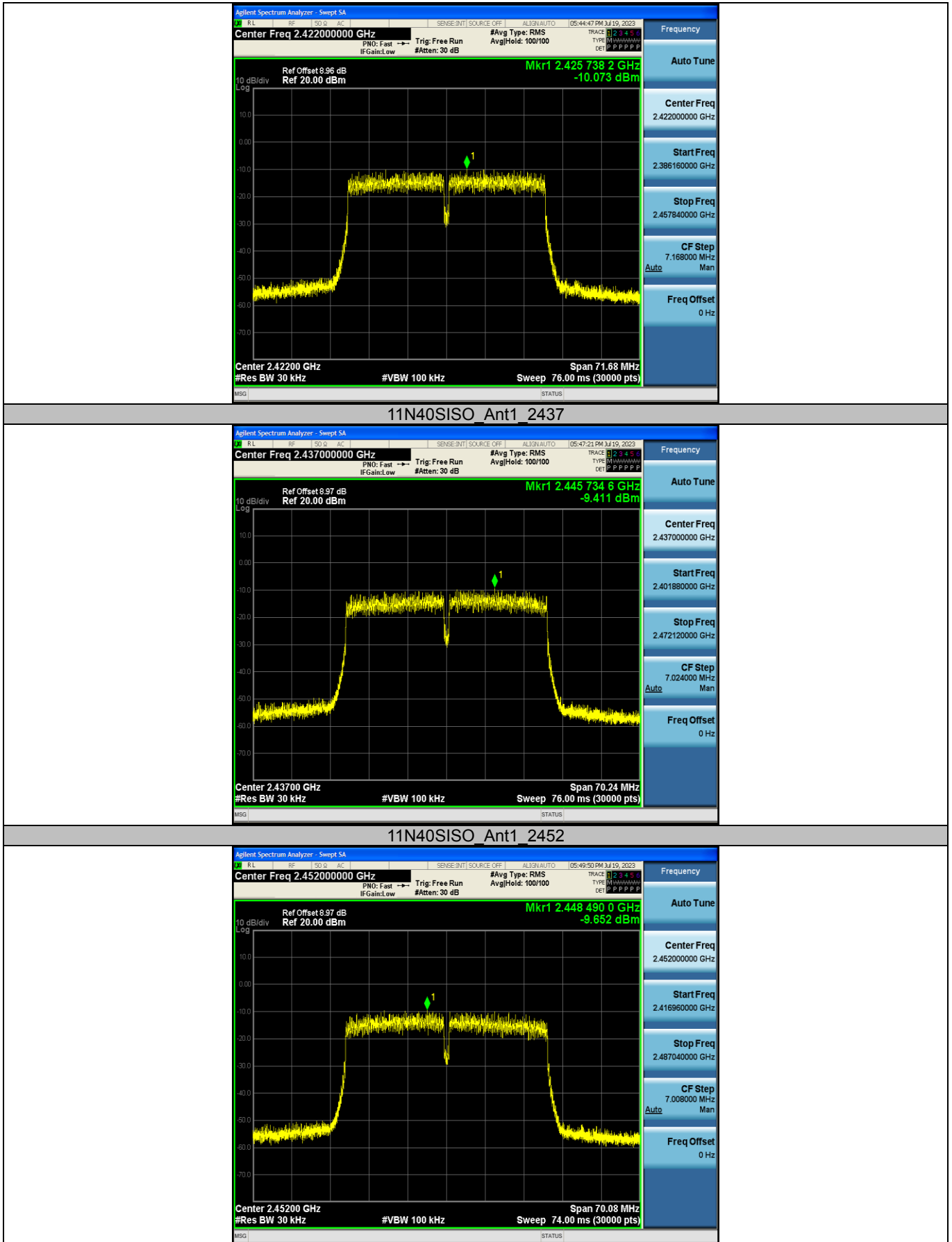
11N20SISO_Ant1_2437



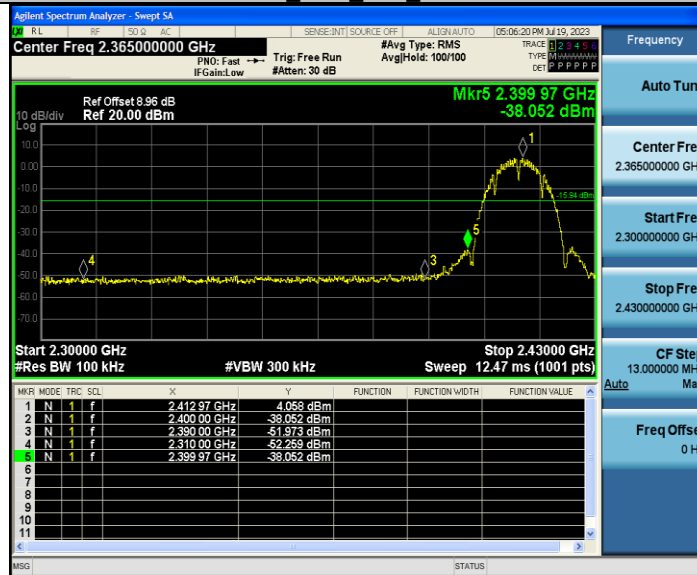
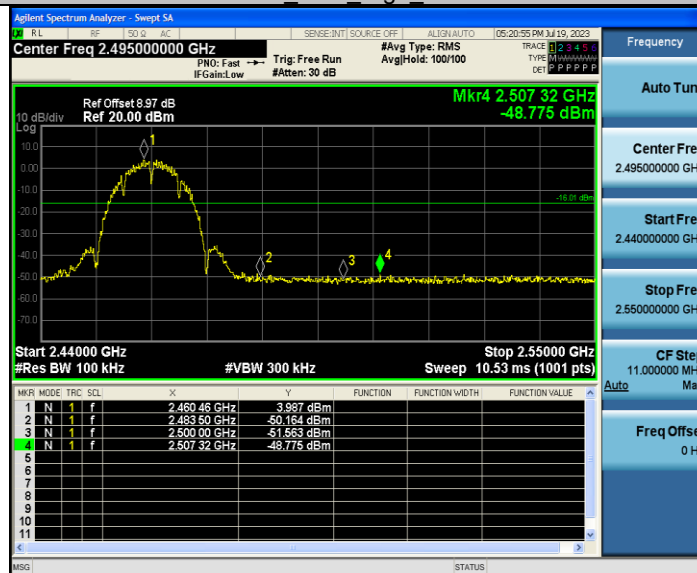
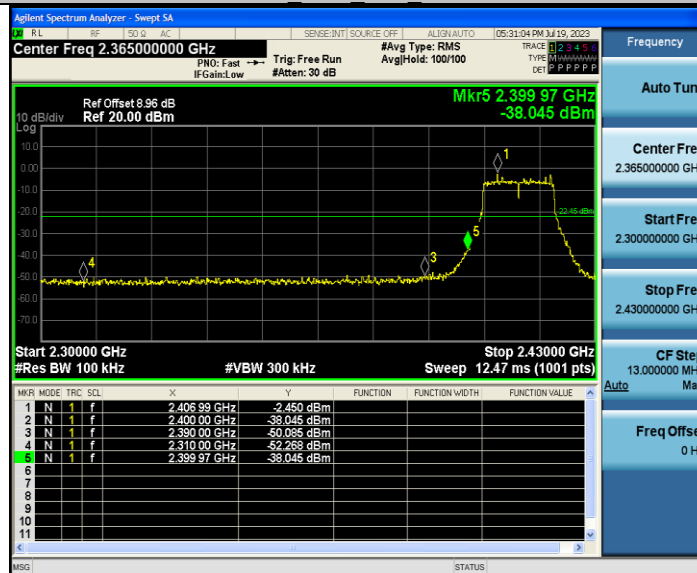
11N20SISO_Ant1_2462

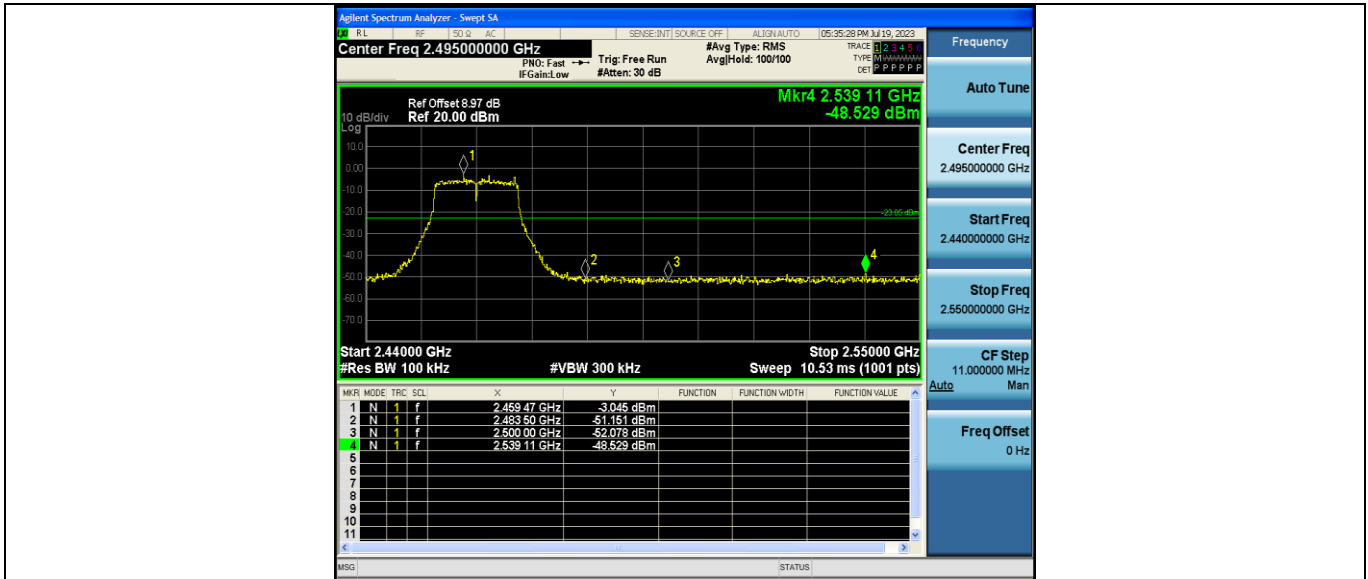


11N40SISO_Ant1_2422

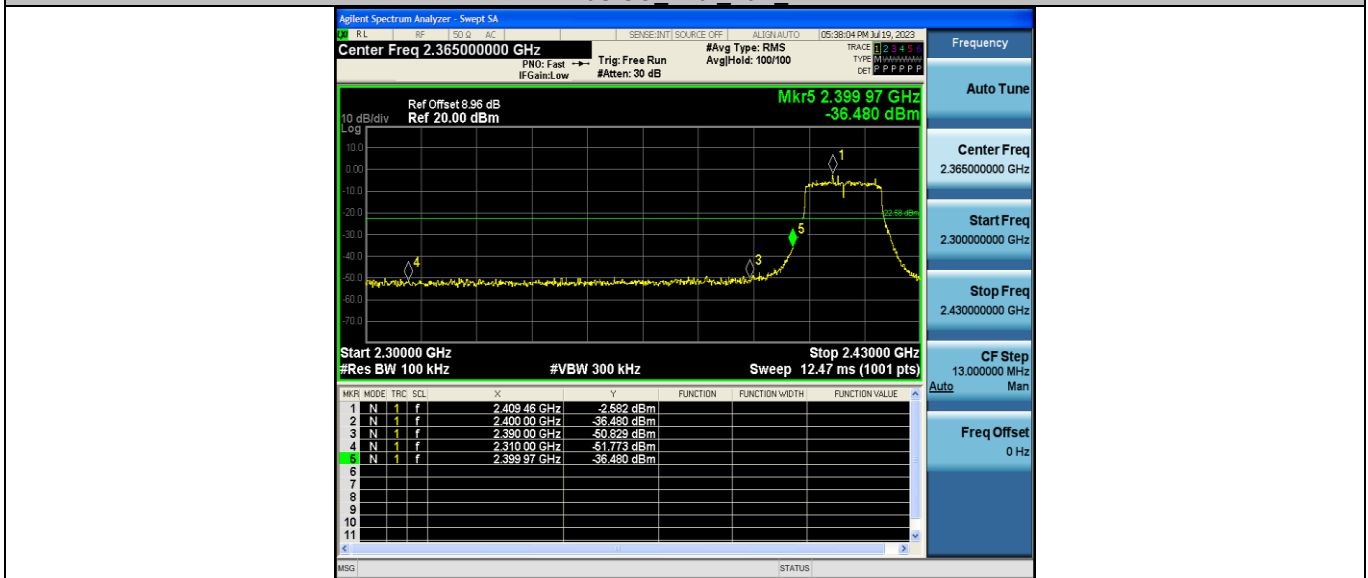


Appendix D: Band edge measurements

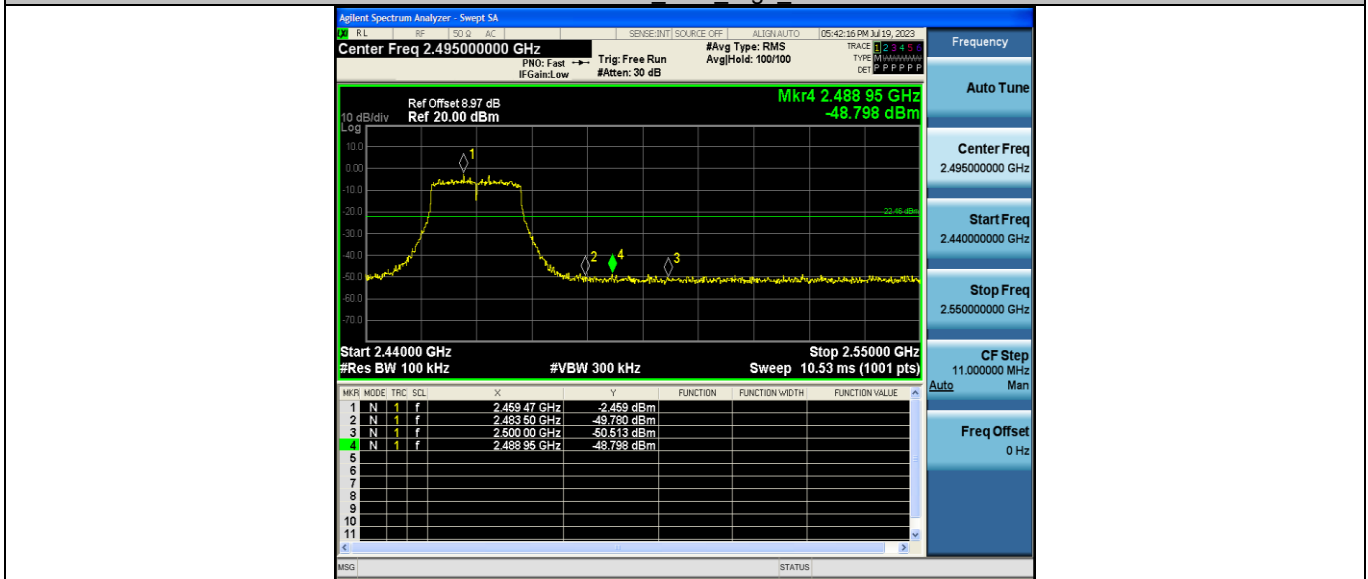
11B Ant1 Low 2412

11B Ant1 High 2462

11G Ant1 Low 2412

11G Ant1 High 2462



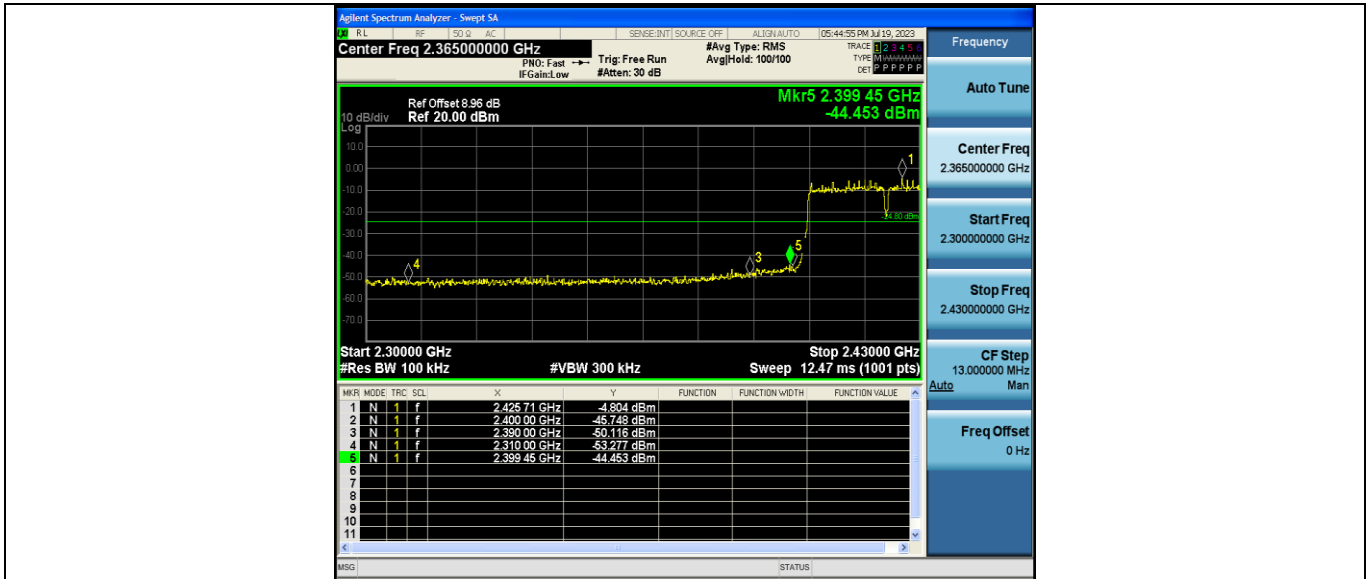
11N20SISO Ant1 Low 2412



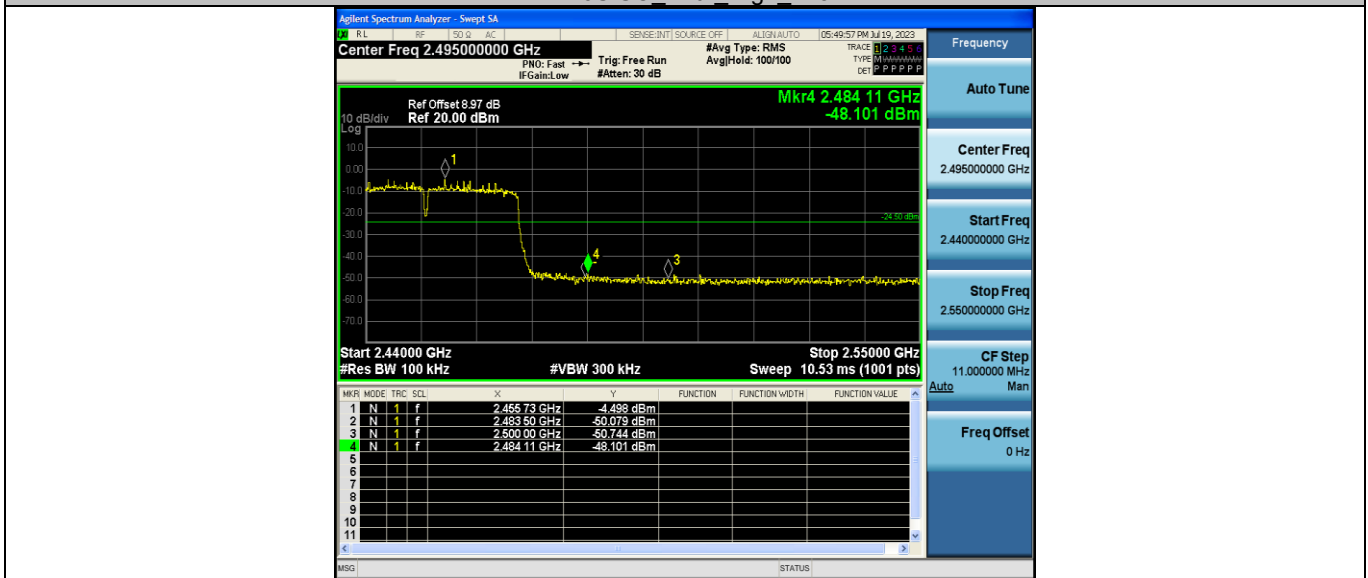
11N20SISO Ant1 High 2462



11N40SISO Ant1 Low 2422



11N40SISO Ant1_High_2452

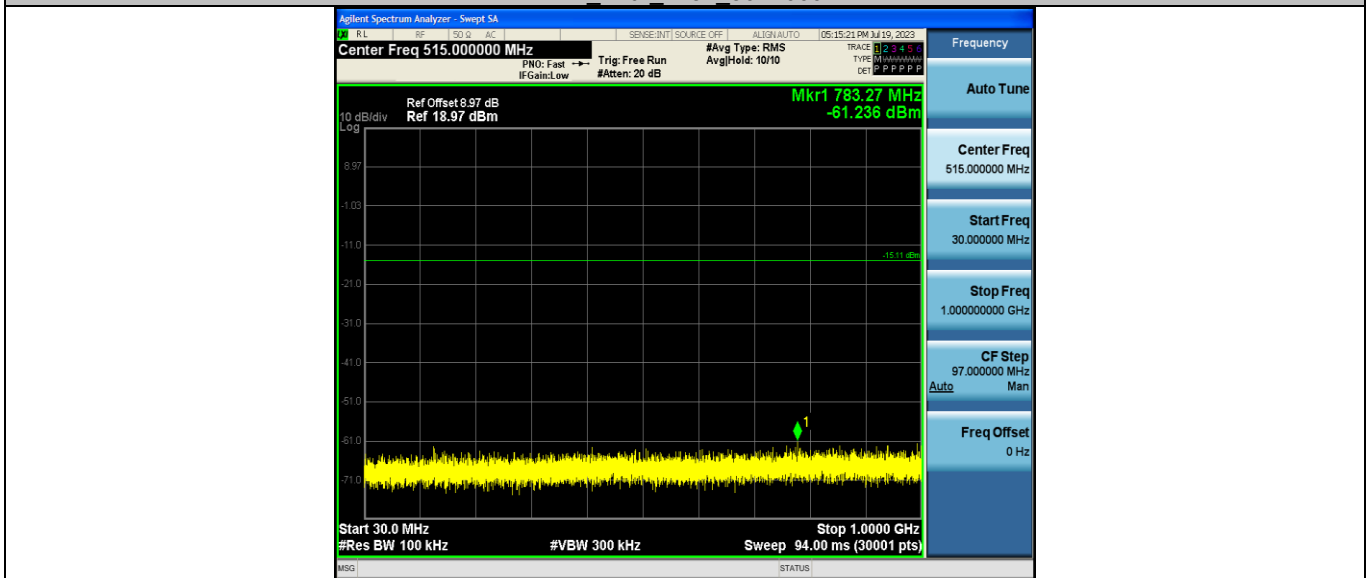


Appendix E: Conducted Spurious Emission

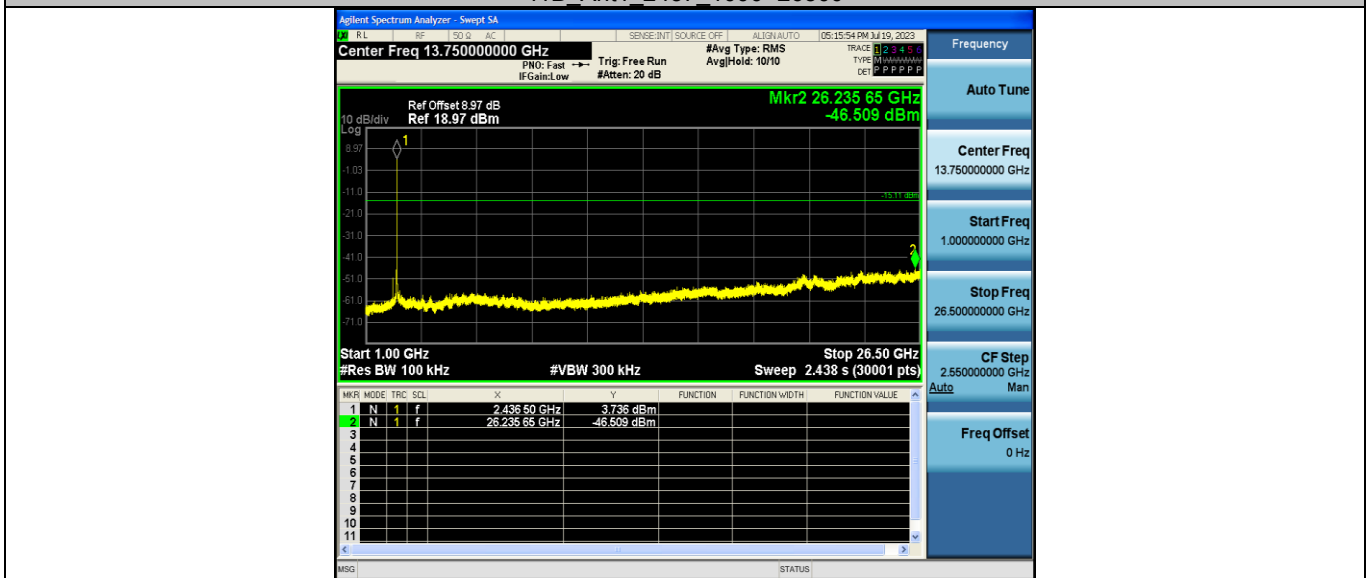




11B_Ant1_2437_30~1000



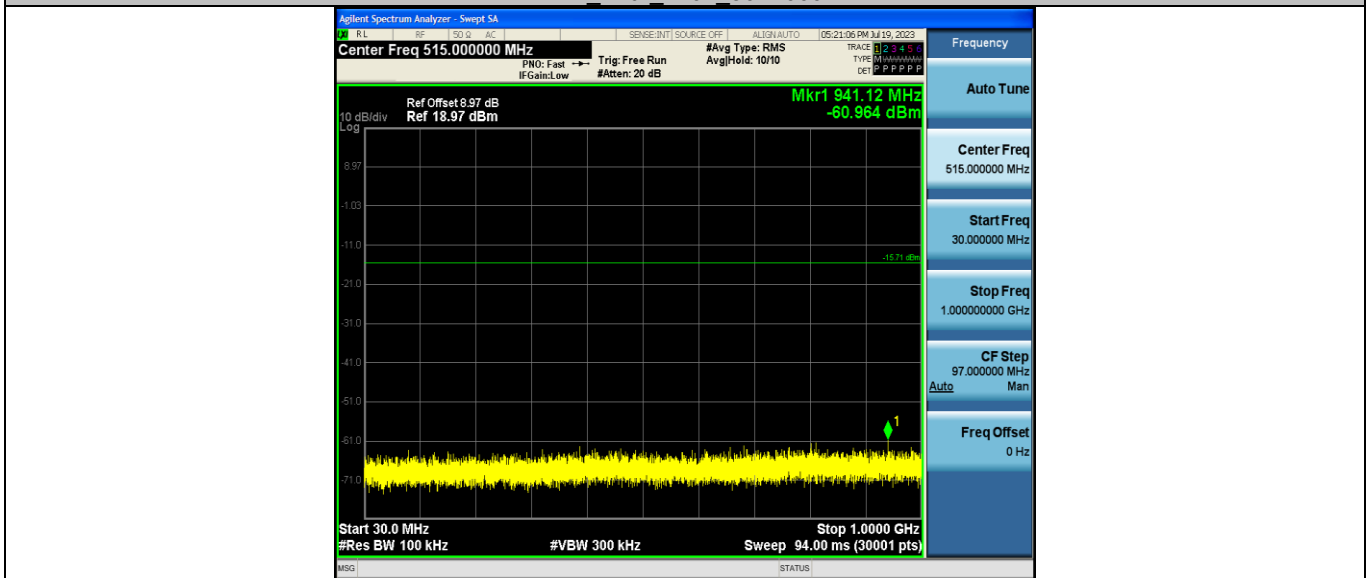
11B_Ant1_2437_1000~26500



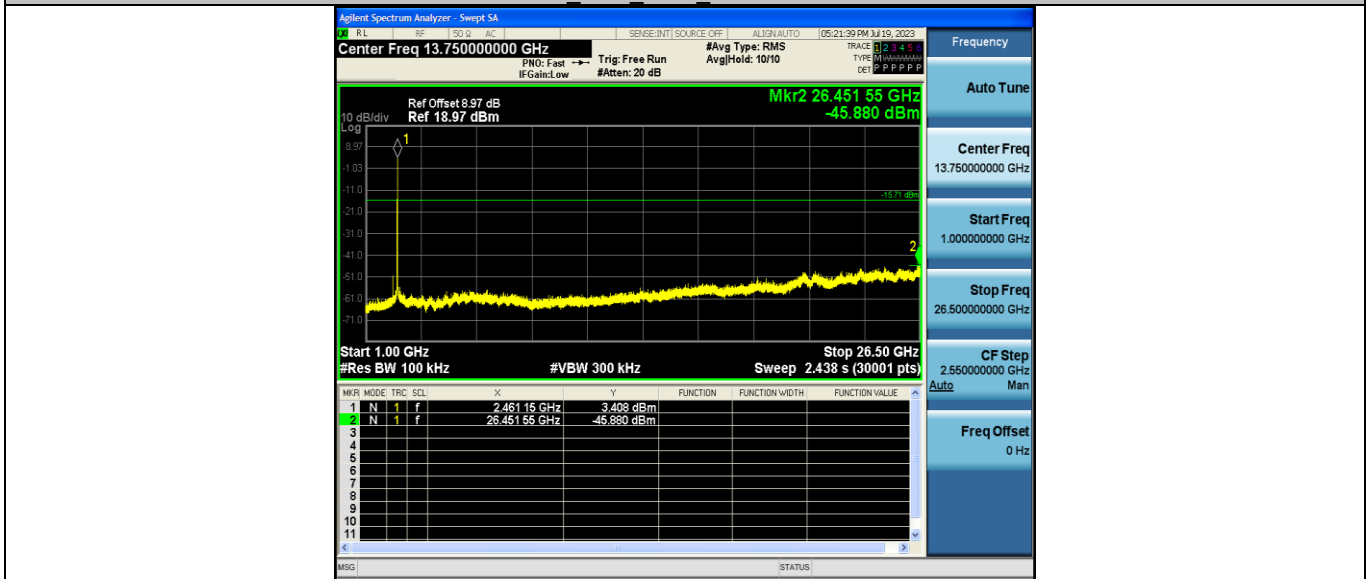
11B_Ant1_2462_0~Reference



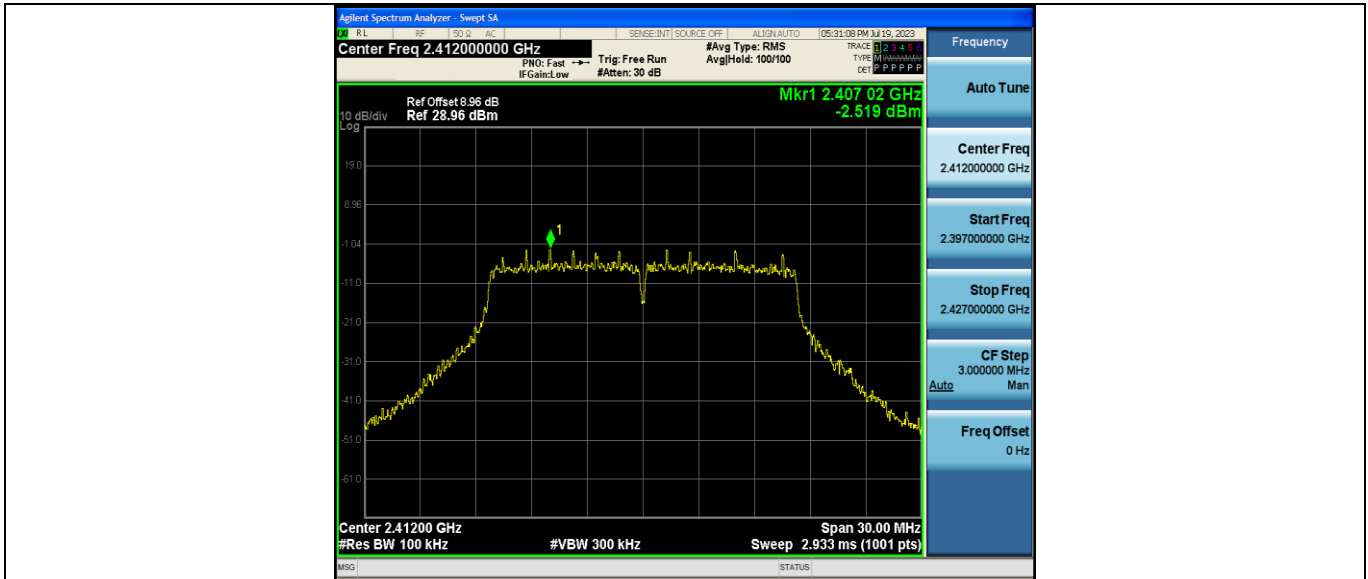
11B_Ant1_2462_30~1000



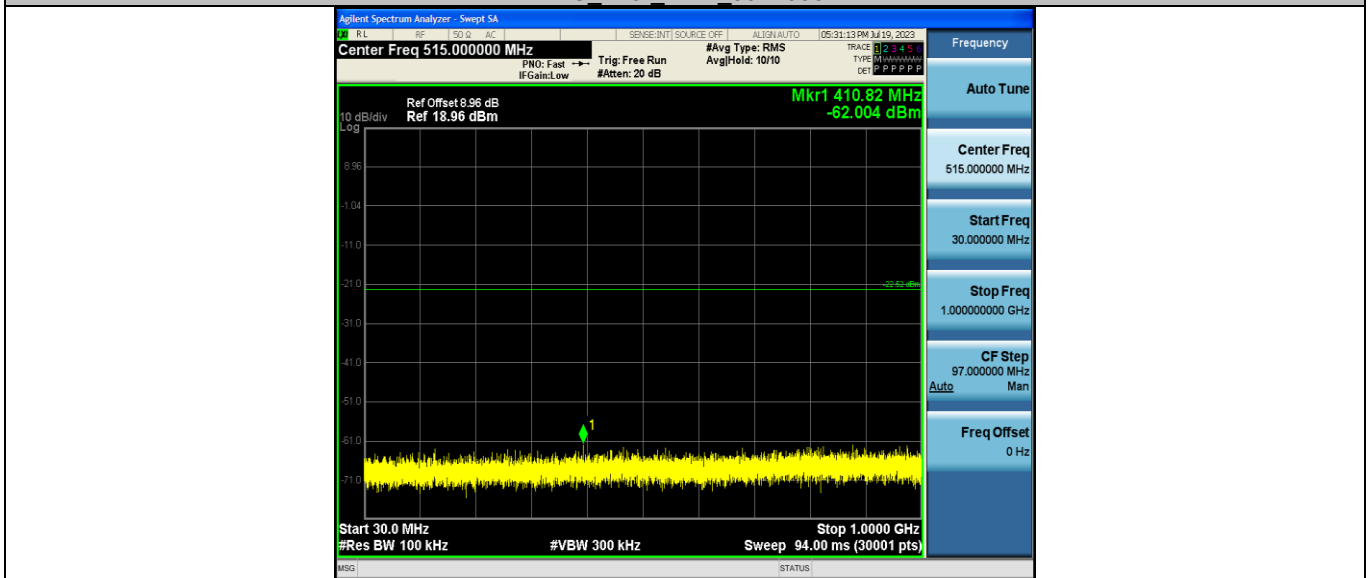
11B_Ant1_2462_1000~26500



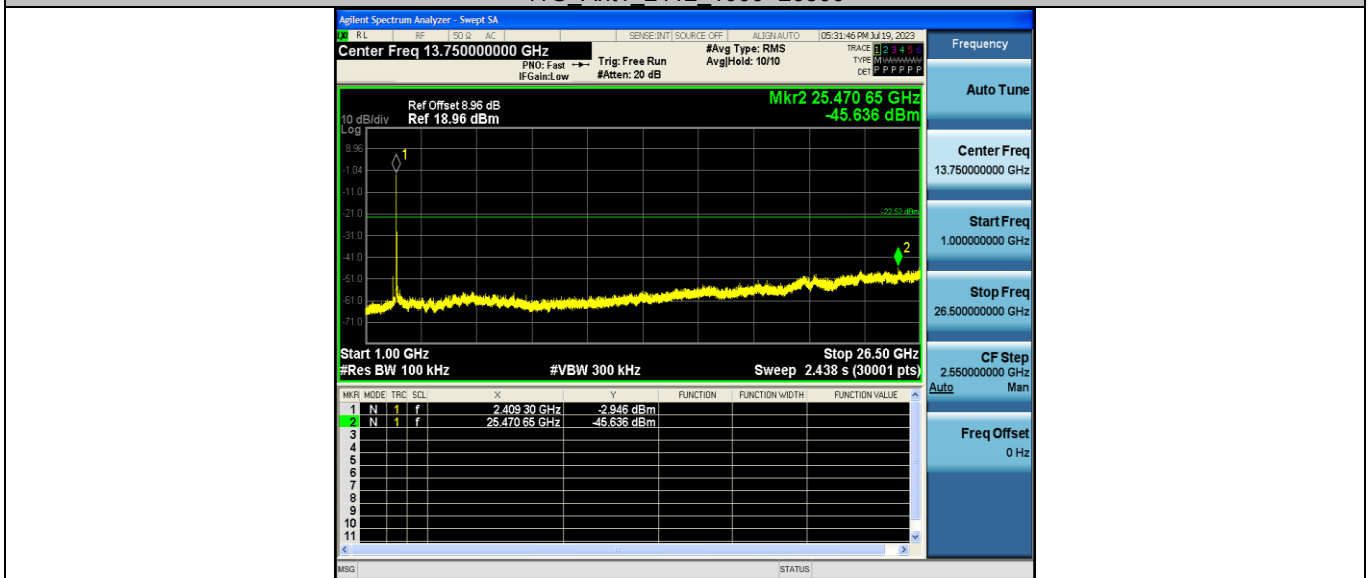
11G_Ant1_2412_0~Reference



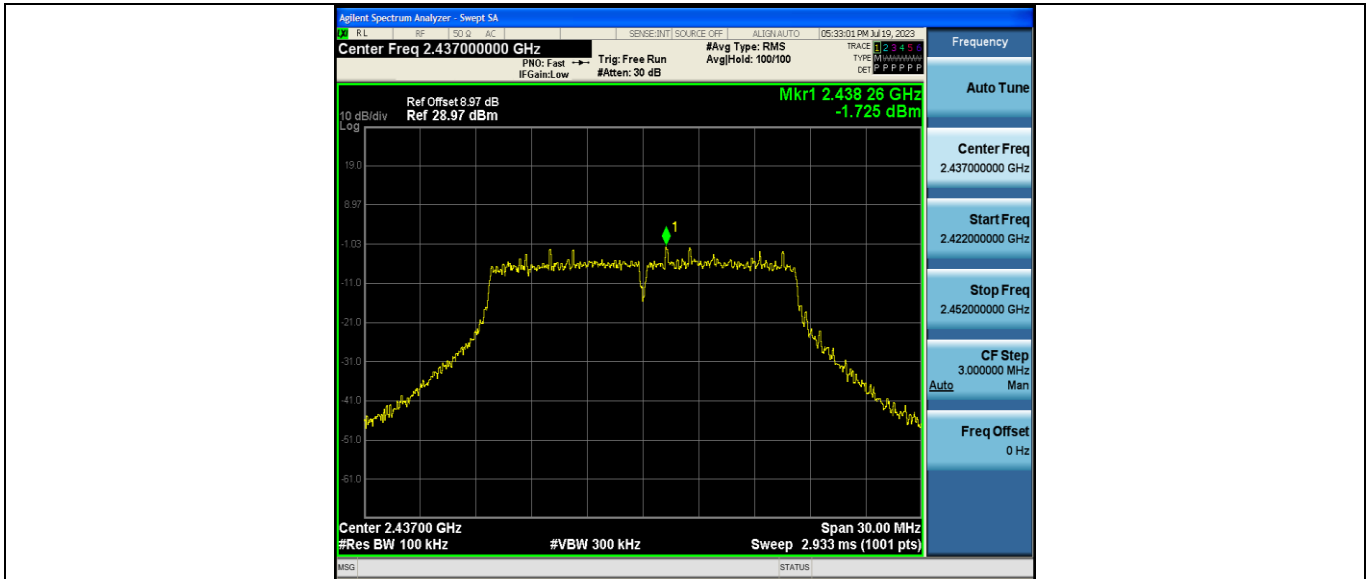
11G Ant1_2412_30~1000



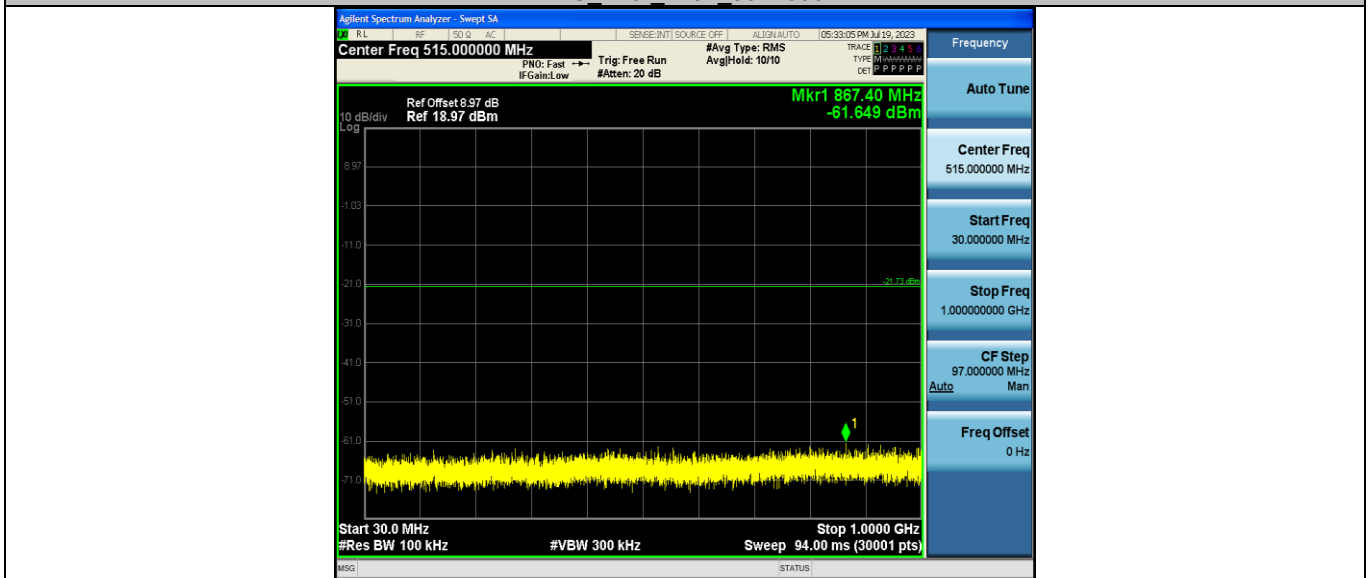
11G Ant1_2412_1000~26500



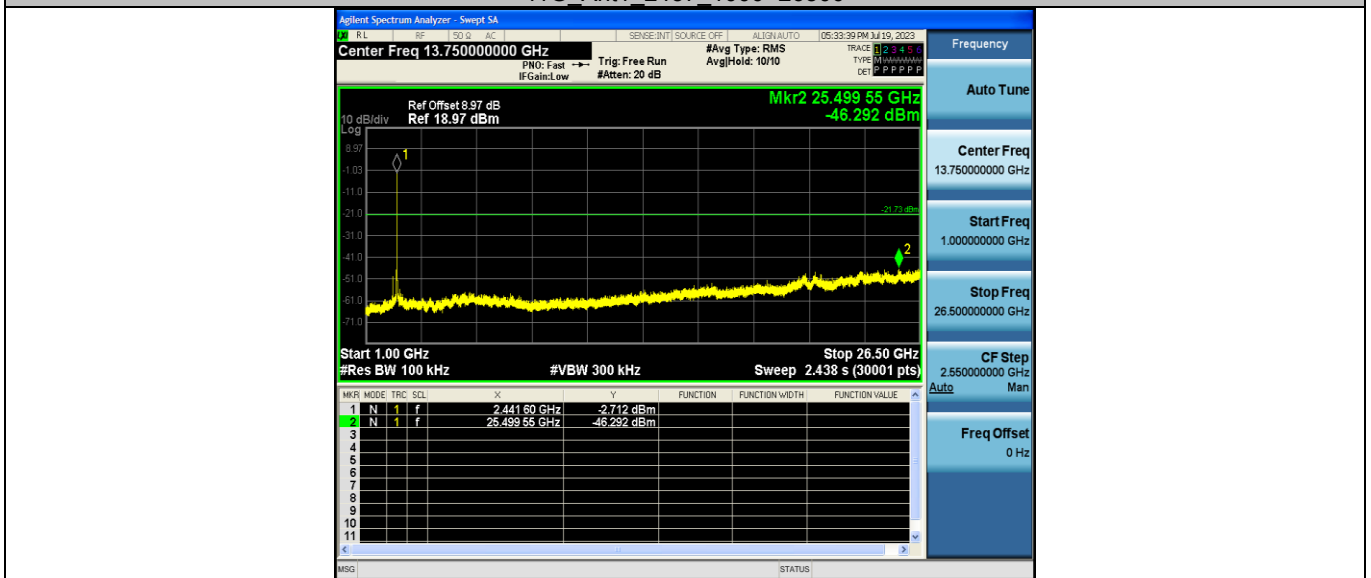
11G Ant1_2437_0~Reference



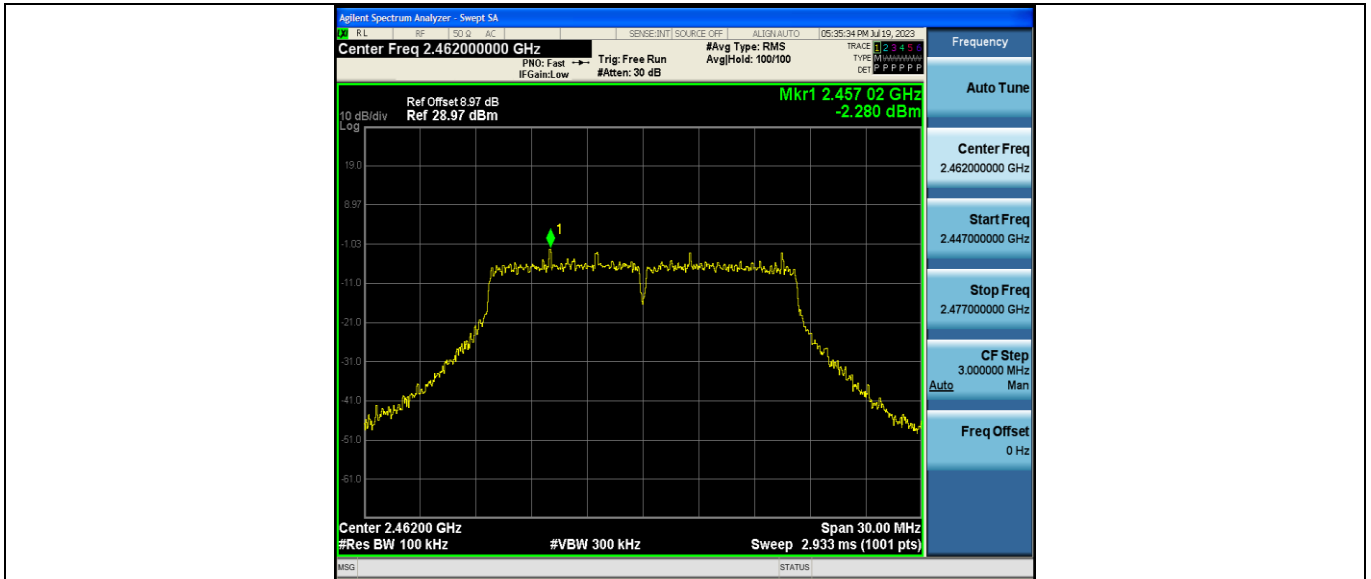
11G Ant1_2437_30~1000



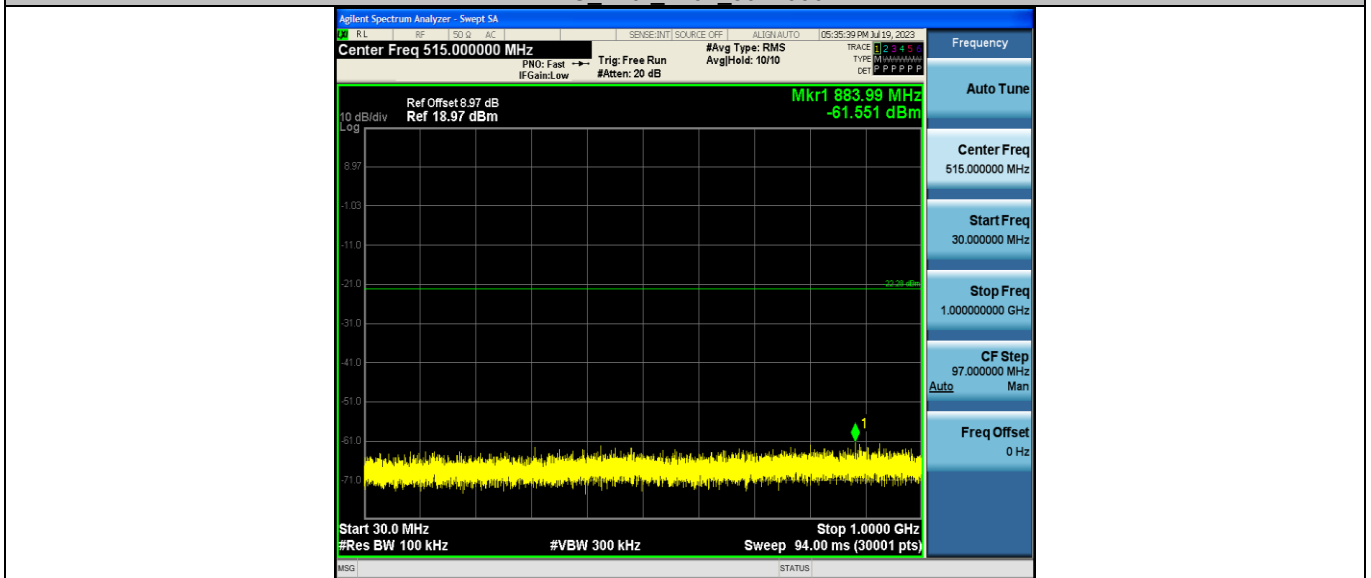
11G Ant1_2437_1000~26500



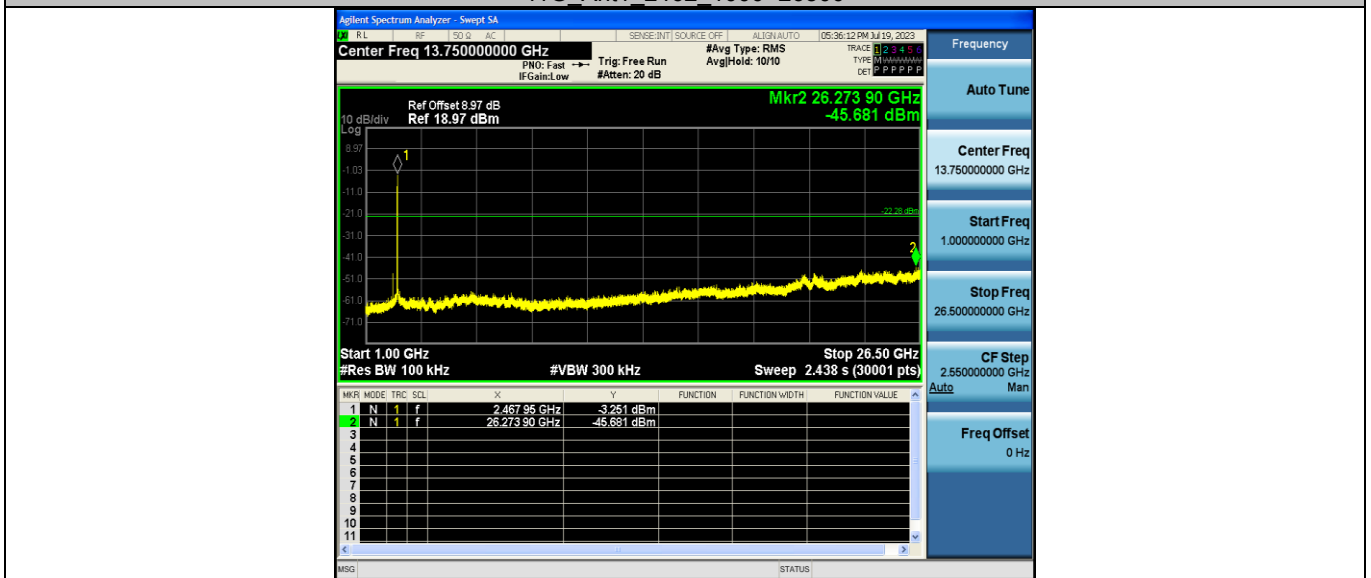
11G Ant1_2462_0~Reference



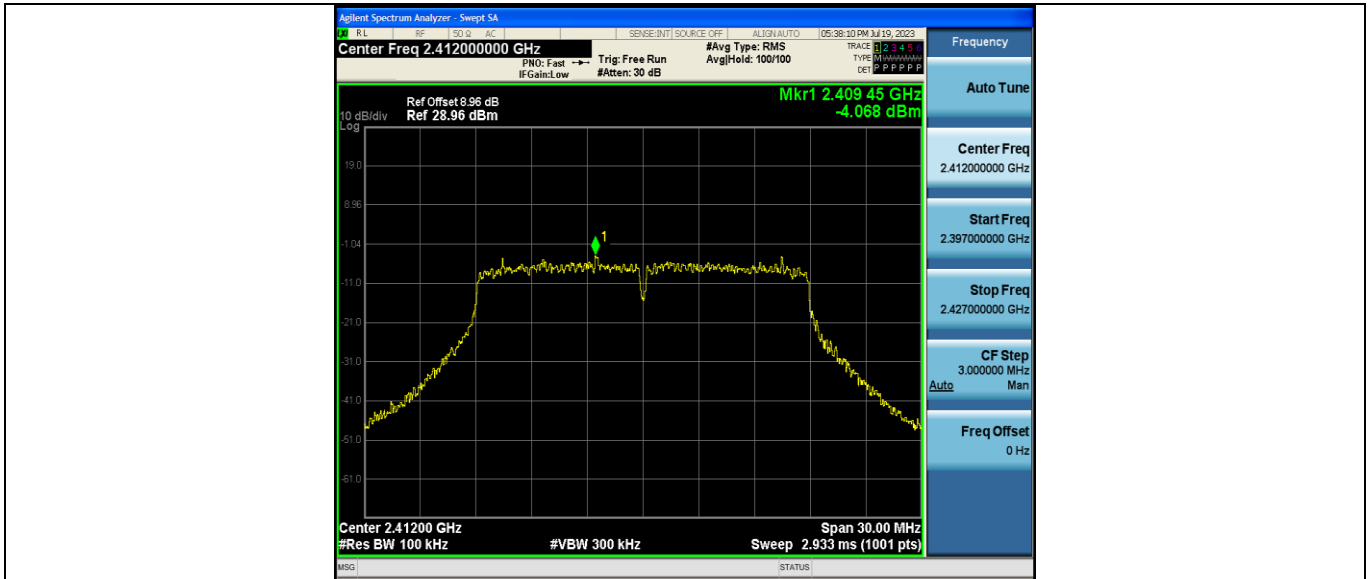
11G Ant1_2462_30~1000



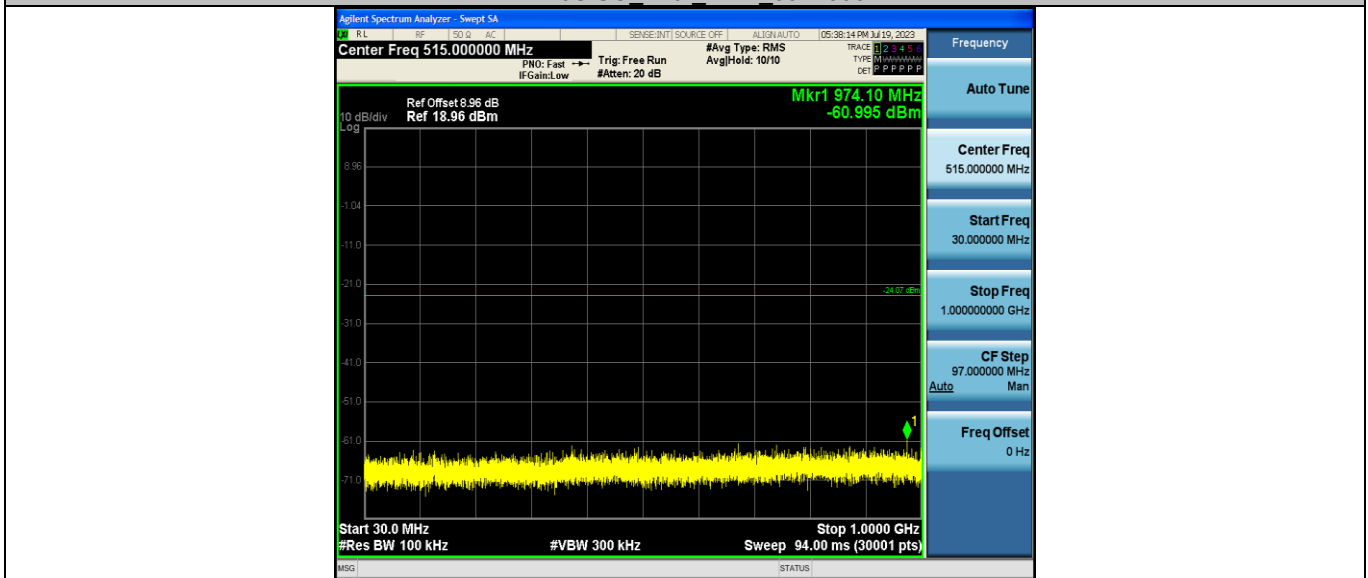
11G Ant1_2462_1000~26500



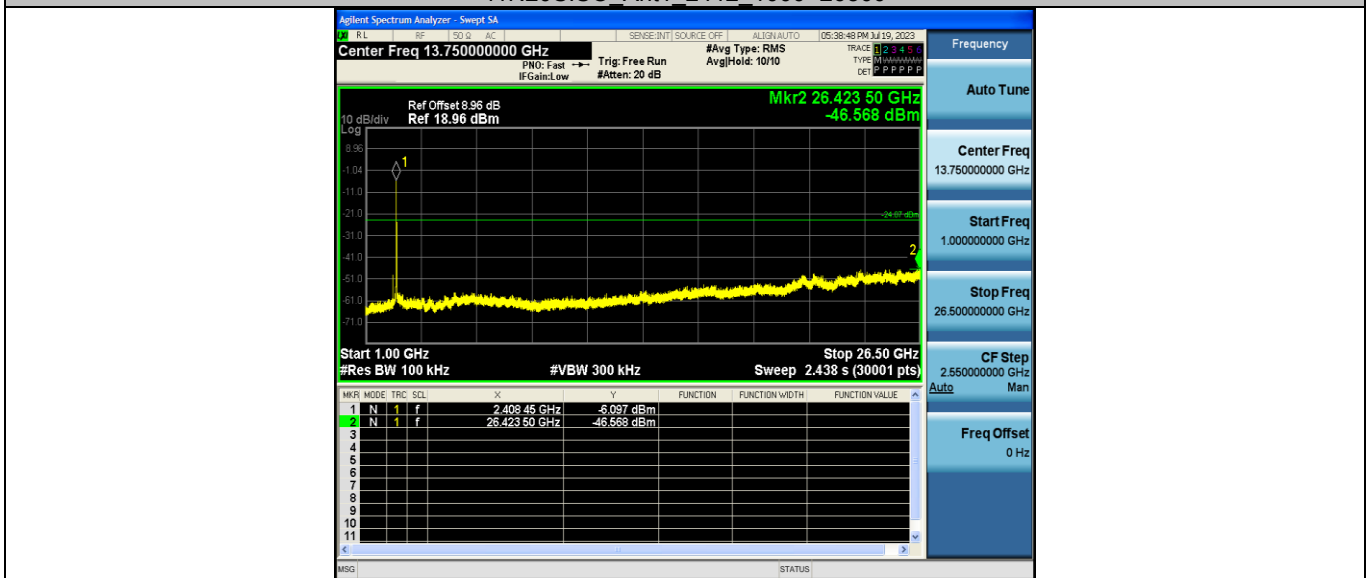
11N20SISO Ant1_2412_0~Reference



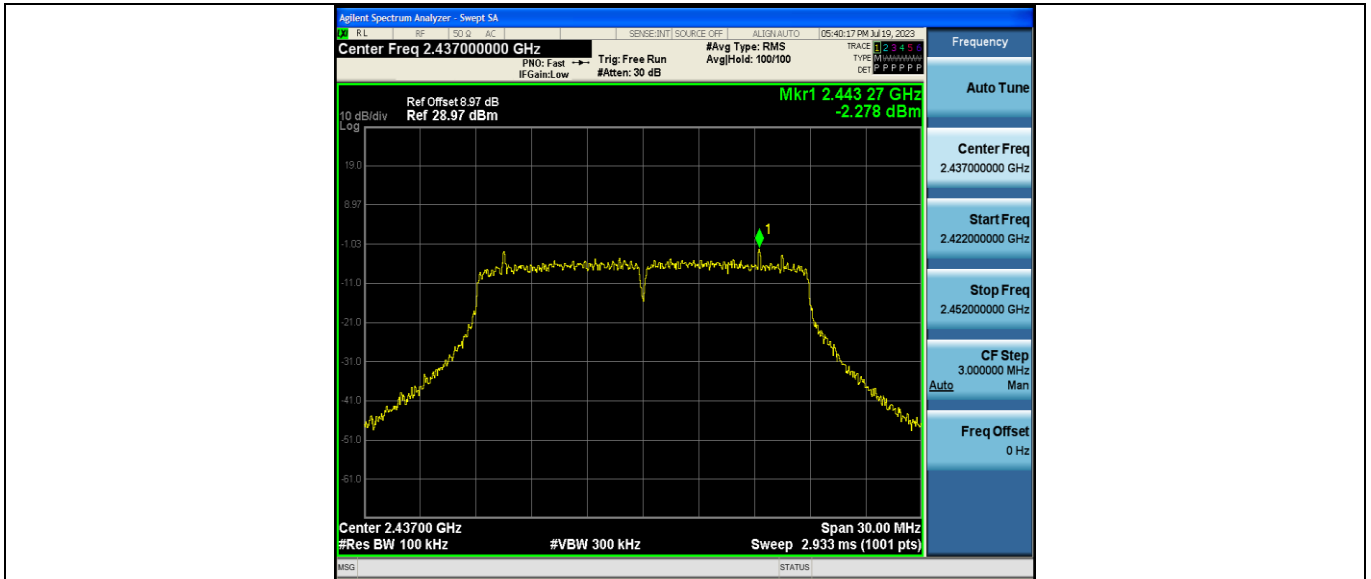
11N20SISO Ant1 2412 30~1000



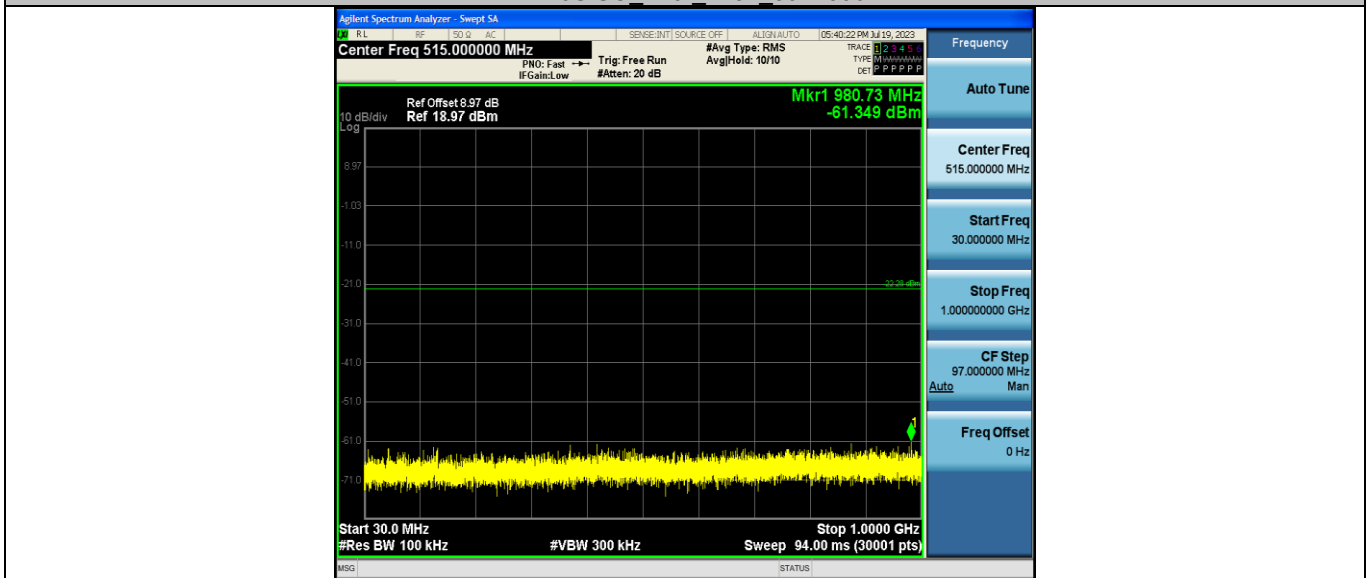
11N20SISO Ant1 2412 1000~26500



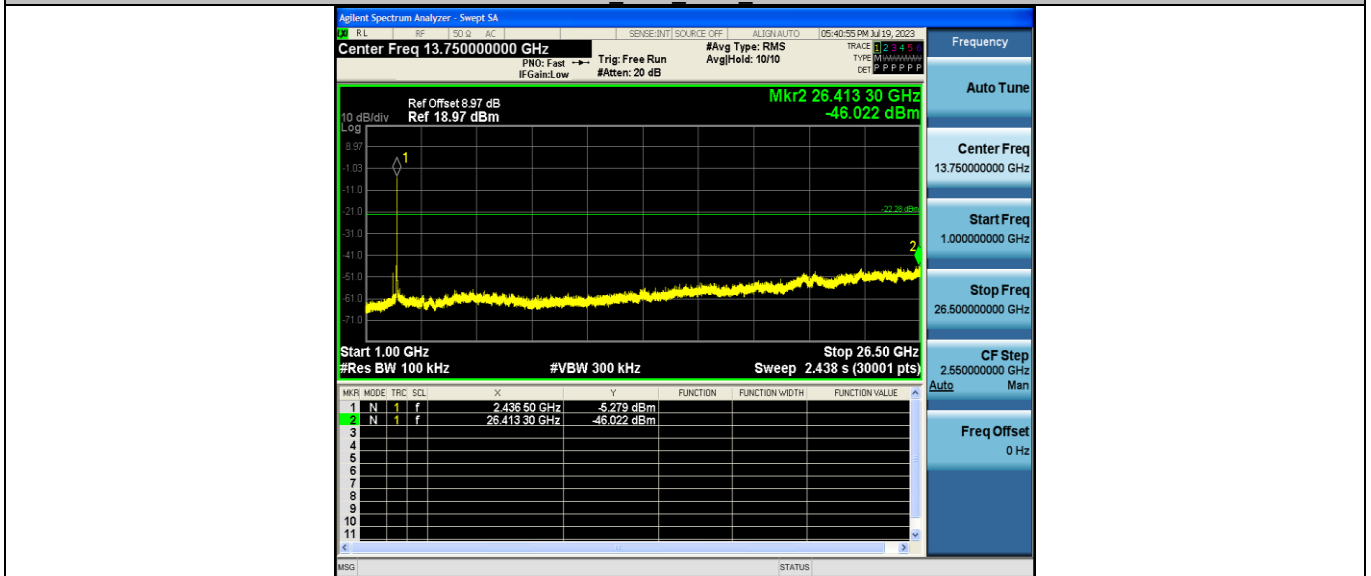
11N20SISO Ant1 2437 0~Reference



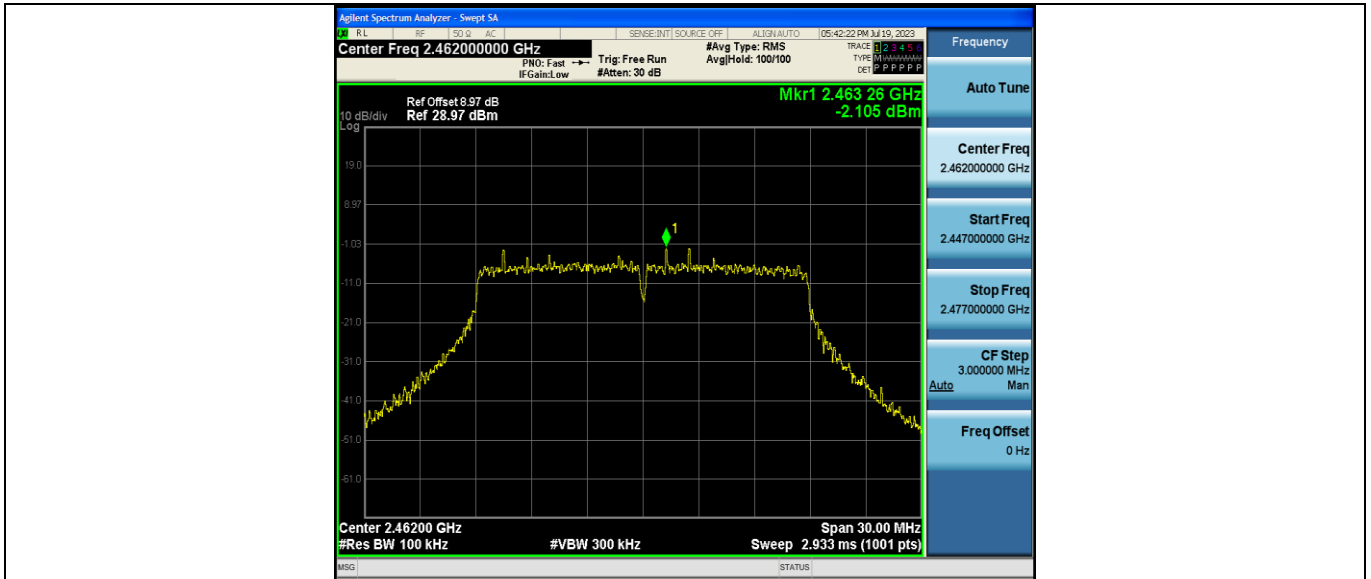
11N20SISO Ant1 2437 30~1000



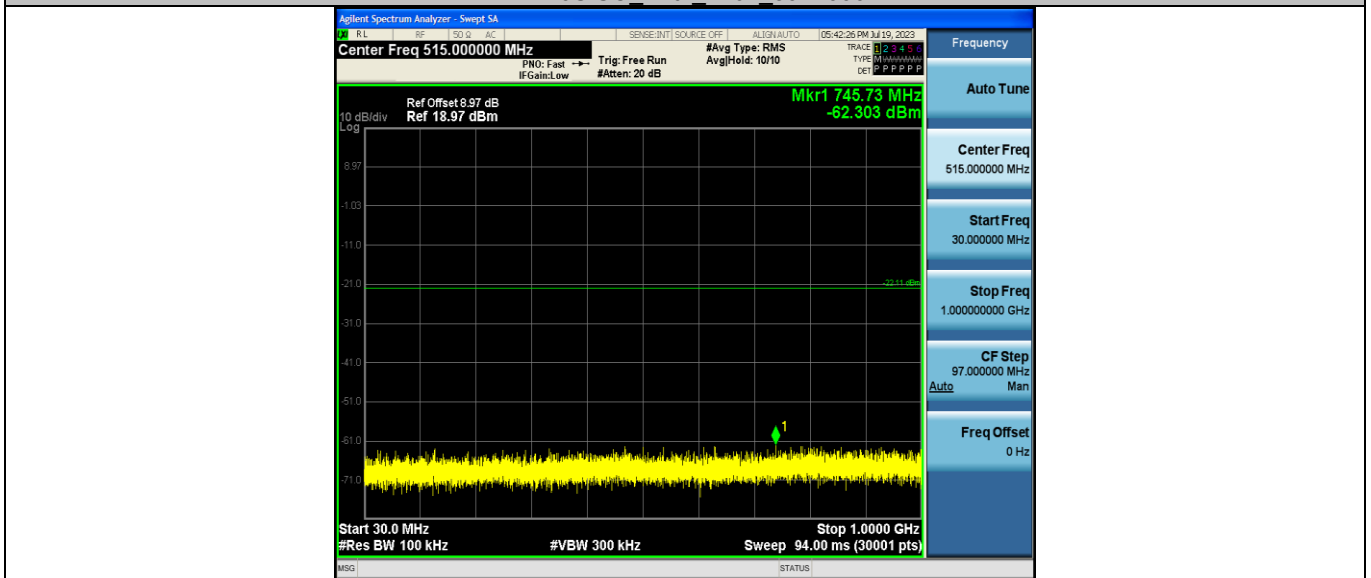
11N20SISO Ant1 2437 1000~26500



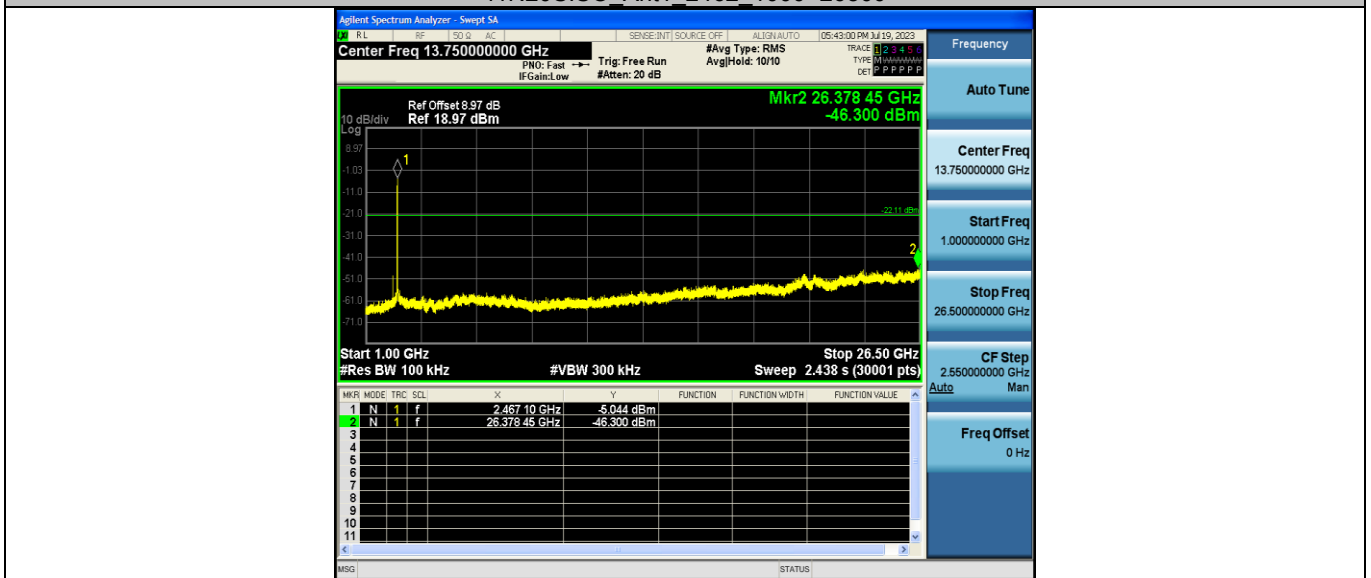
11N20SISO Ant1 2462 0~Reference



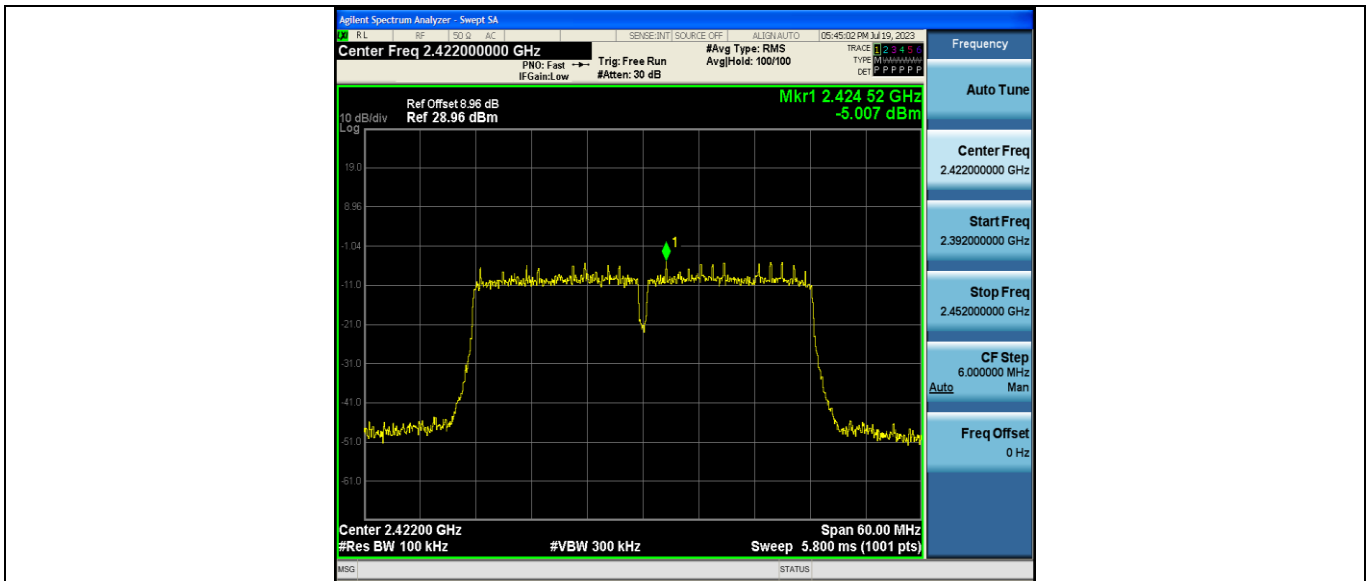
11N20SISO Ant1 2462 30~1000



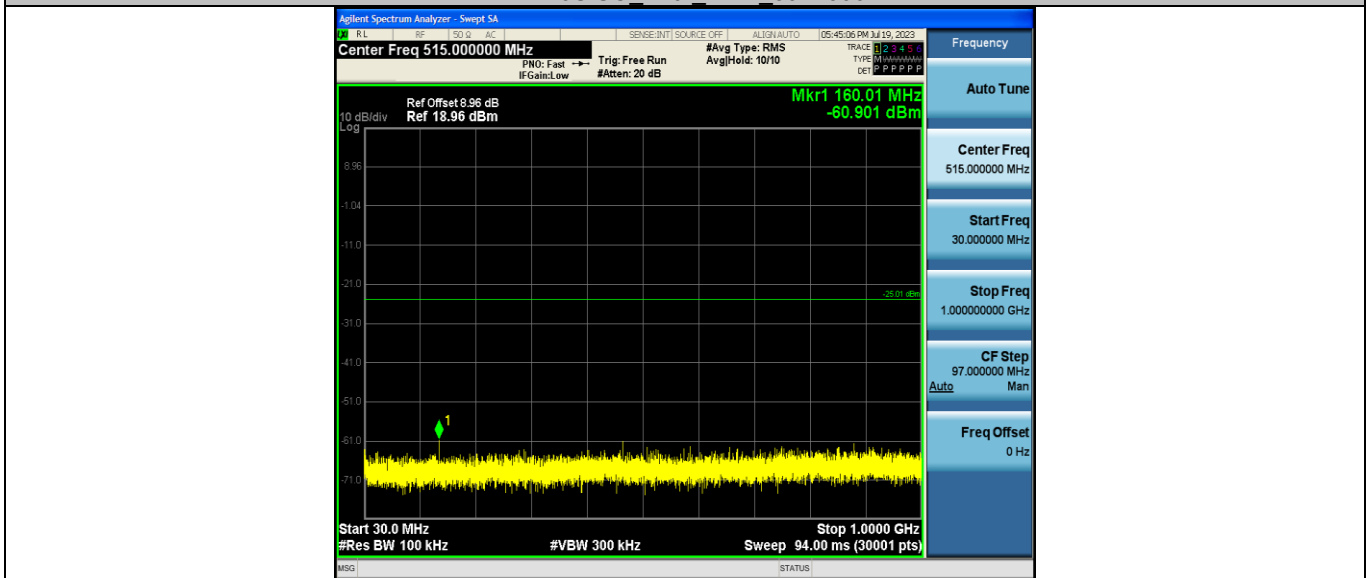
11N20SISO Ant1 2462 1000~26500



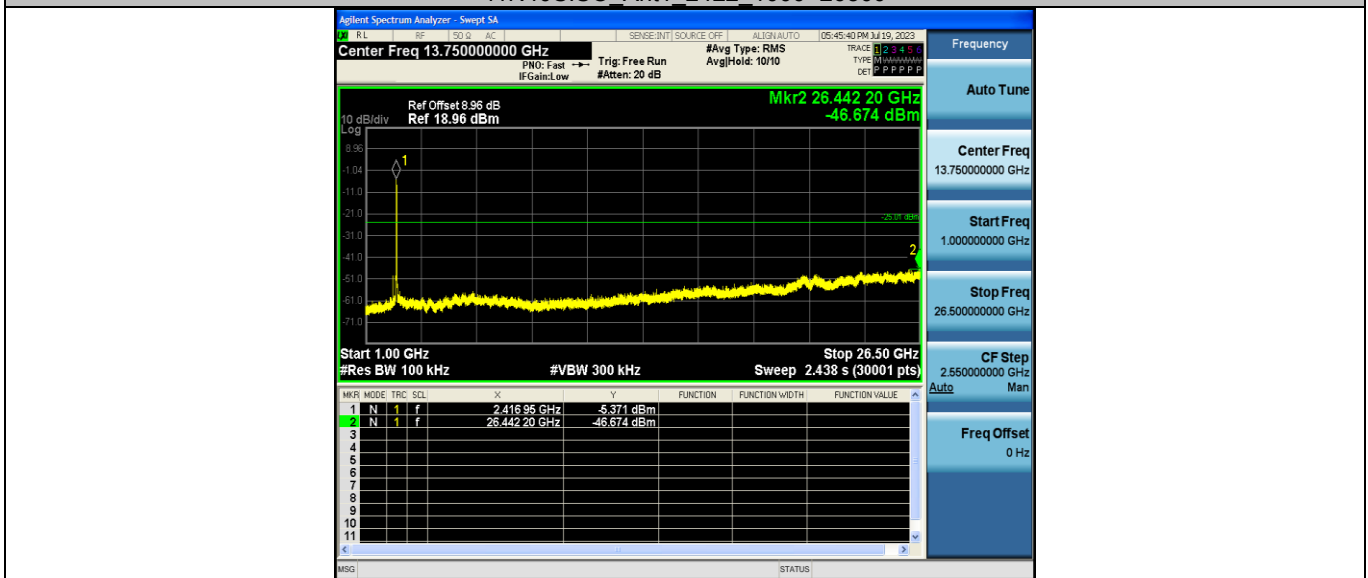
11N40SISO Ant1 2422 0~Reference



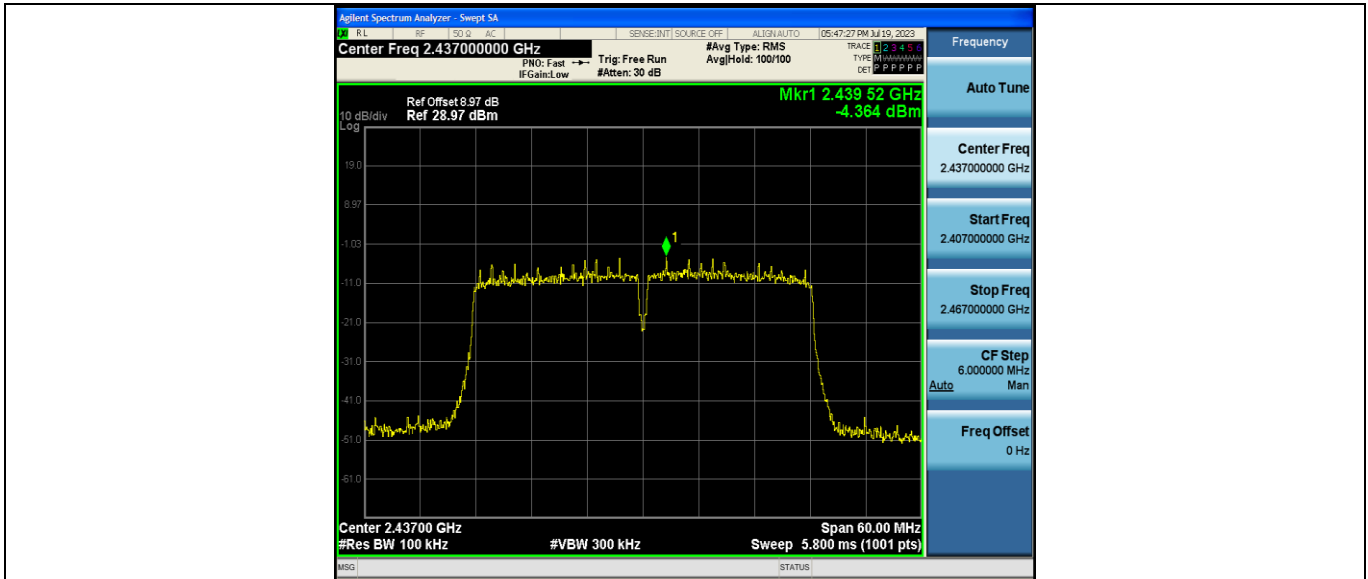
11N40SISO Ant1 2422_30~1000



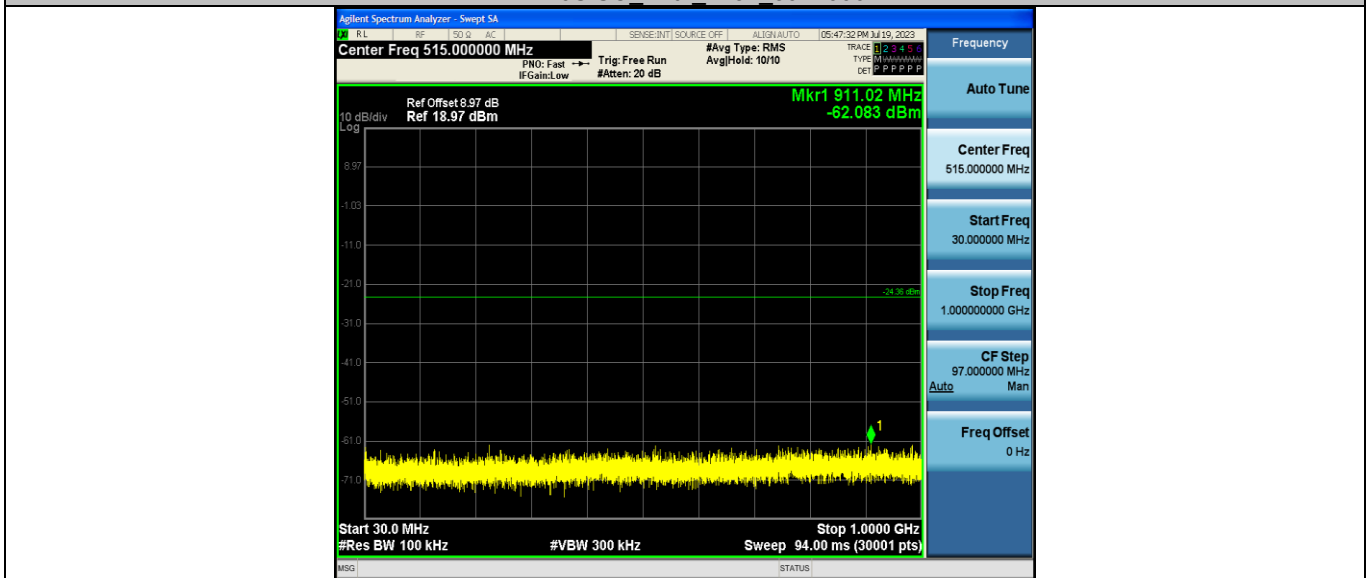
11N40SISO Ant1 2422_1000~26500



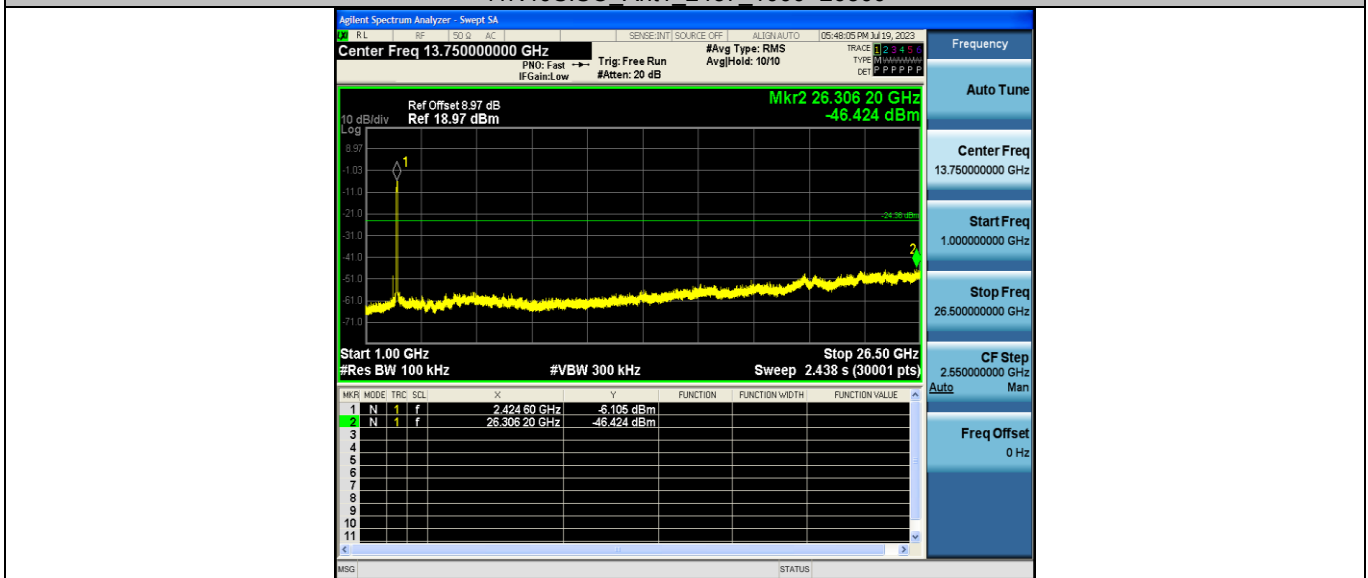
11N40SISO Ant1 2437_0~Reference



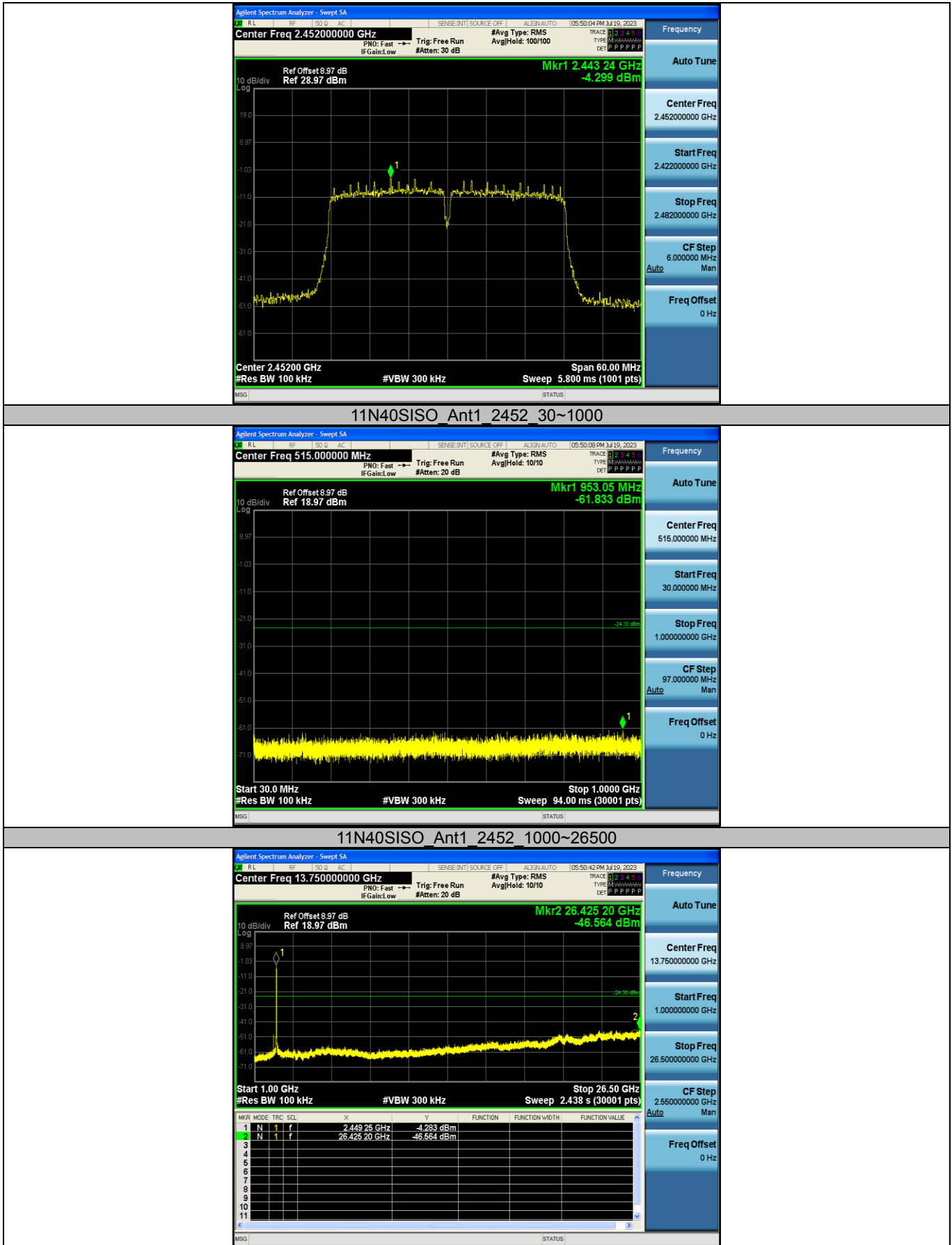
11N40SISO Ant1 2437 30~1000



11N40SISO Ant1 2437 1000~26500



11N40SISO Ant1 2452 0~Reference



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 (Duty Cycle)

Test Graphs



