

AppendixA: DTS Bandwidth**Test Result**

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	9.000	2407.440	2416.440	0.5	PASS
		2437	8.000	2432.960	2440.960	0.5	PASS
		2462	9.520	2456.960	2466.480	0.5	PASS
11G	Ant1	2412	15.520	2404.200	2419.720	0.5	PASS
		2437	15.520	2429.200	2444.720	0.5	PASS
		2462	15.080	2454.400	2469.480	0.5	PASS
11N20SISO	Ant1	2412	13.600	2405.920	2419.520	0.5	PASS
		2437	15.080	2429.400	2444.480	0.5	PASS
		2462	15.120	2454.400	2469.520	0.5	PASS

Test Graphs

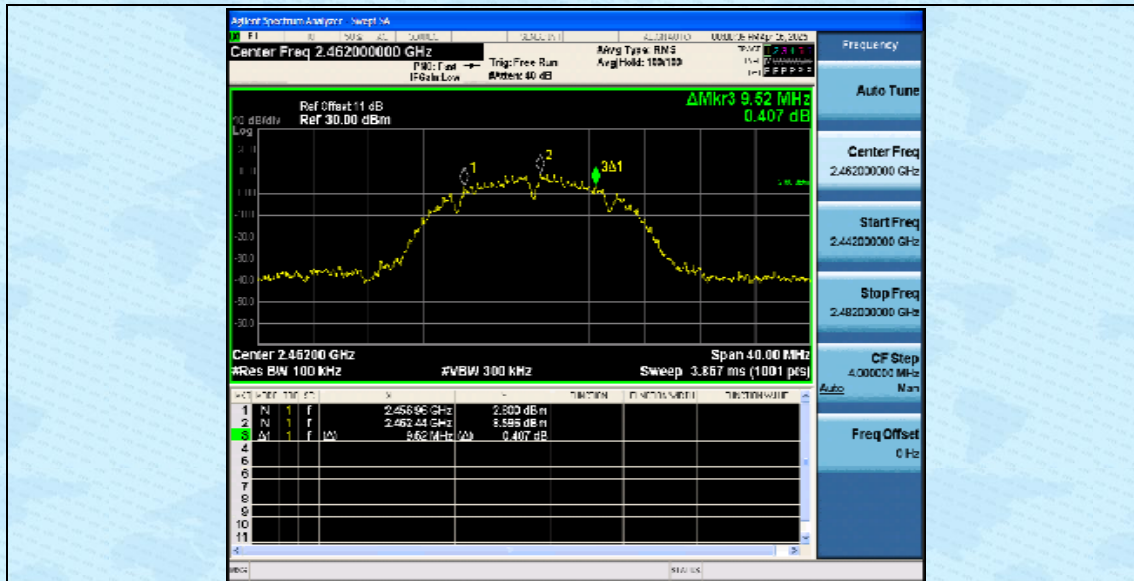
11B_Ant1_2412



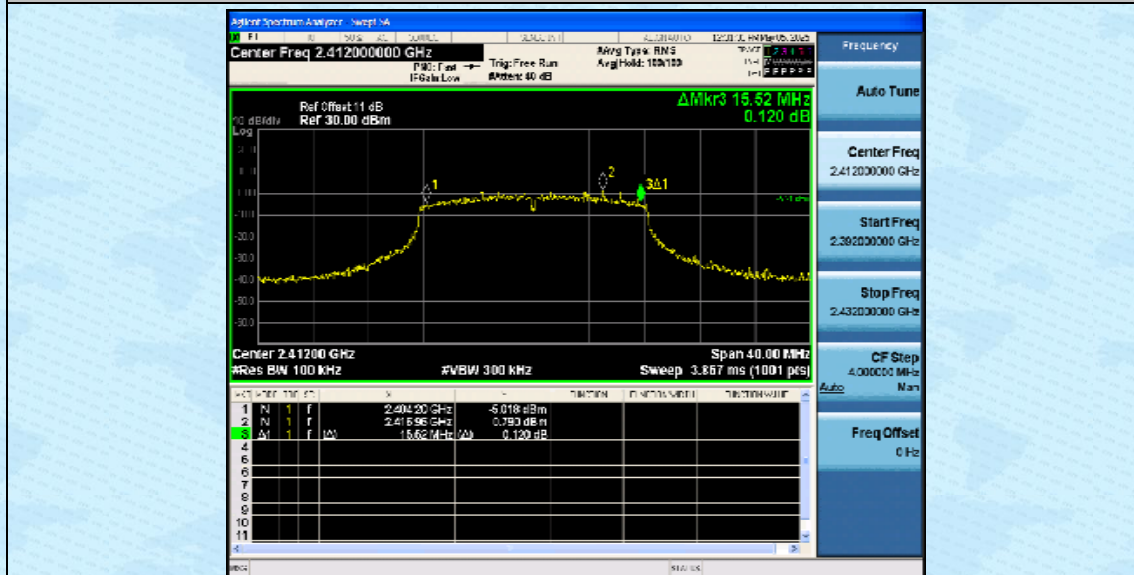
11B_Ant1_2437



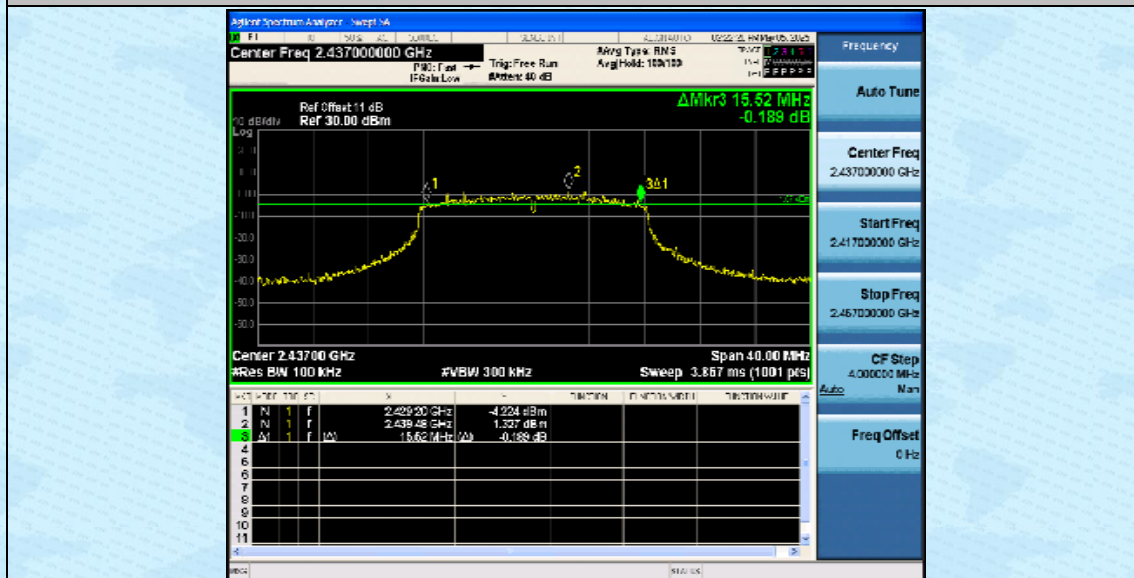
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



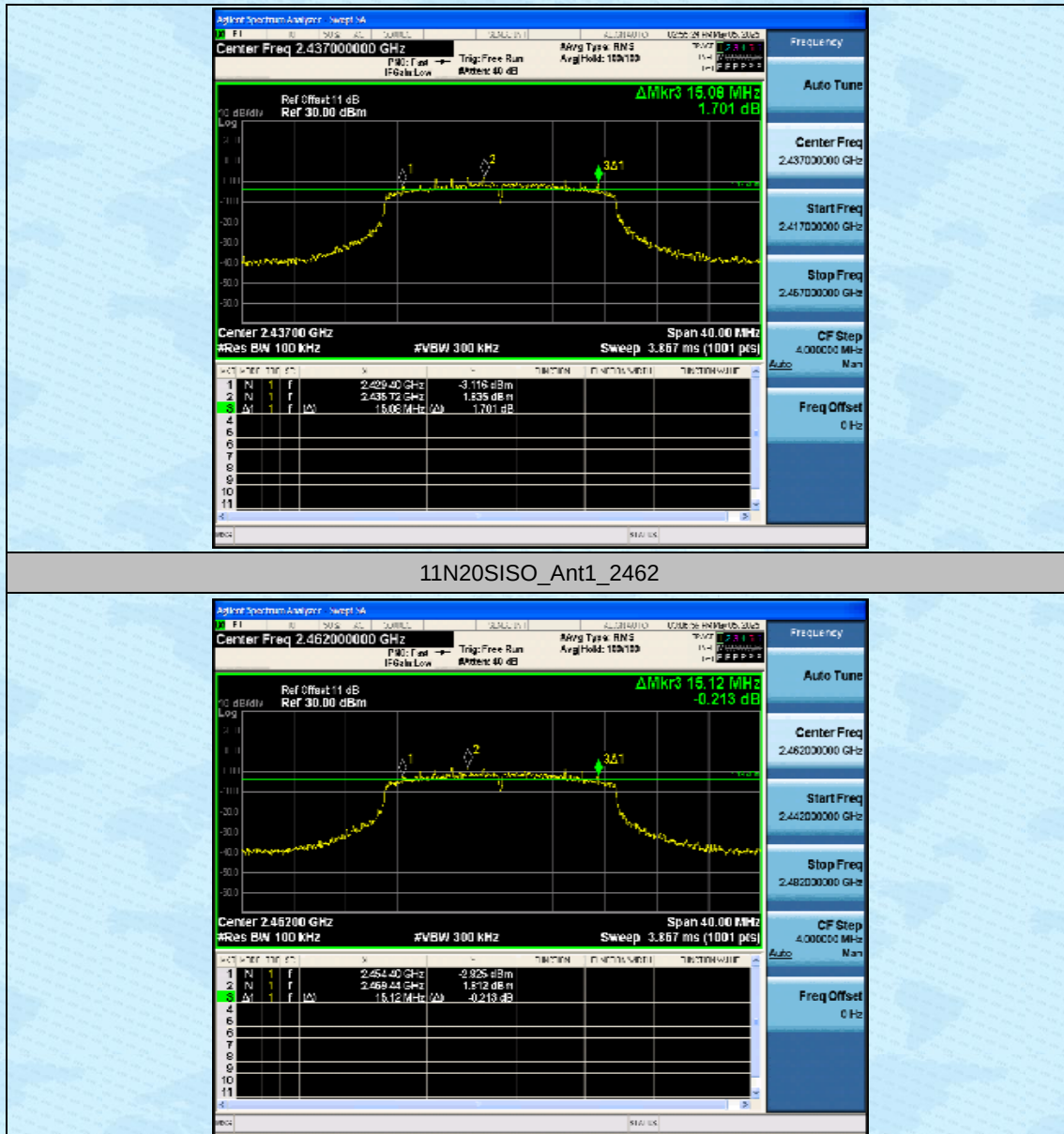
11G_Ant1_2462



11N20SISO_Ant1_2412



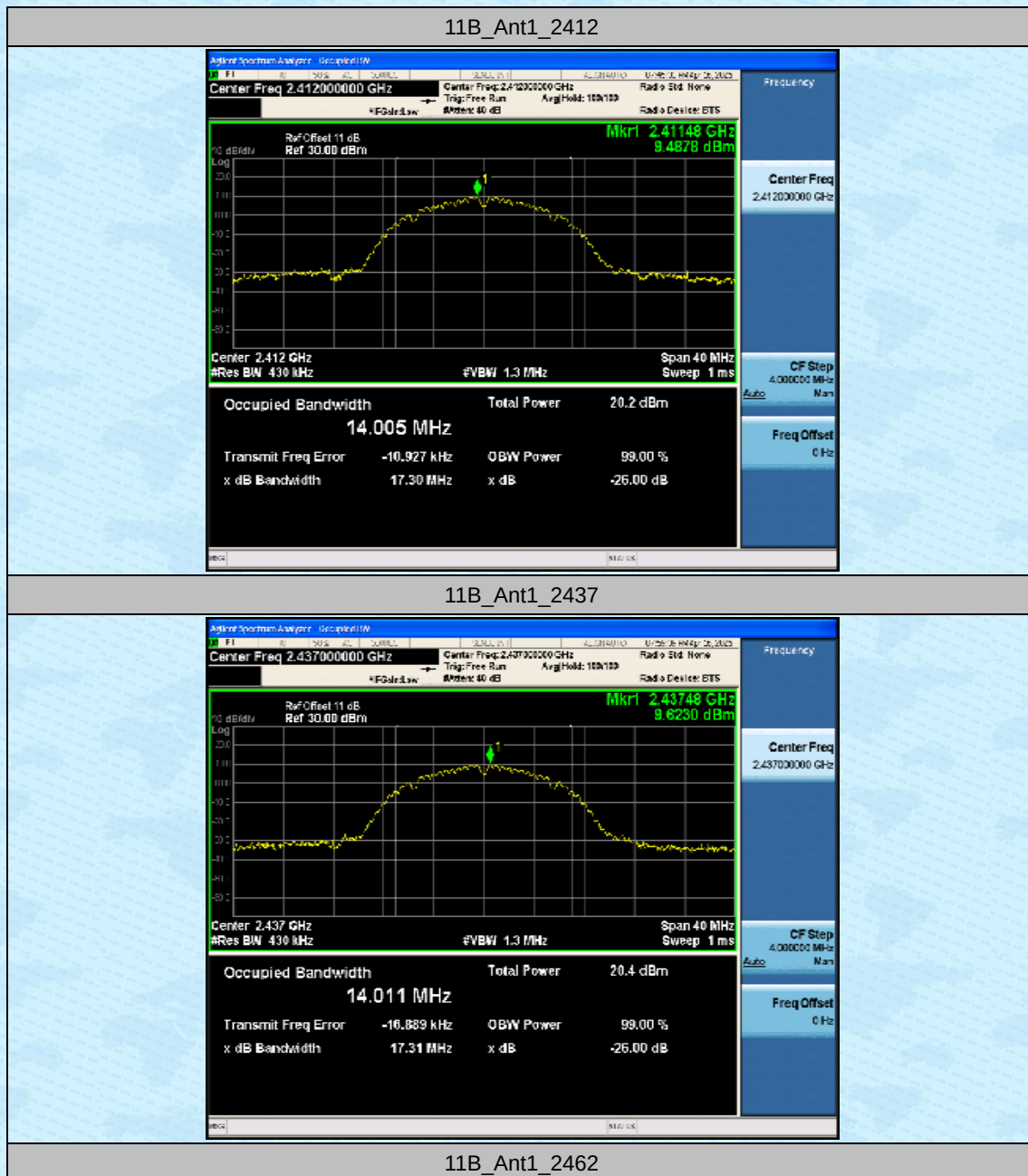
11N20SISO_Ant1_2437

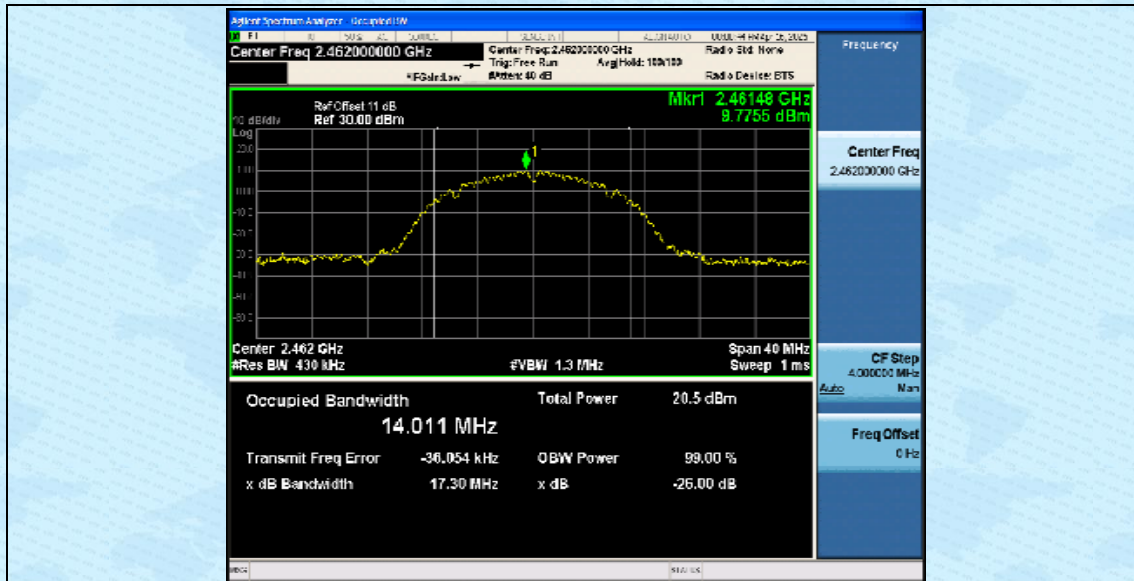


AppendixB: Occupied Channel Bandwidth**Test Result**

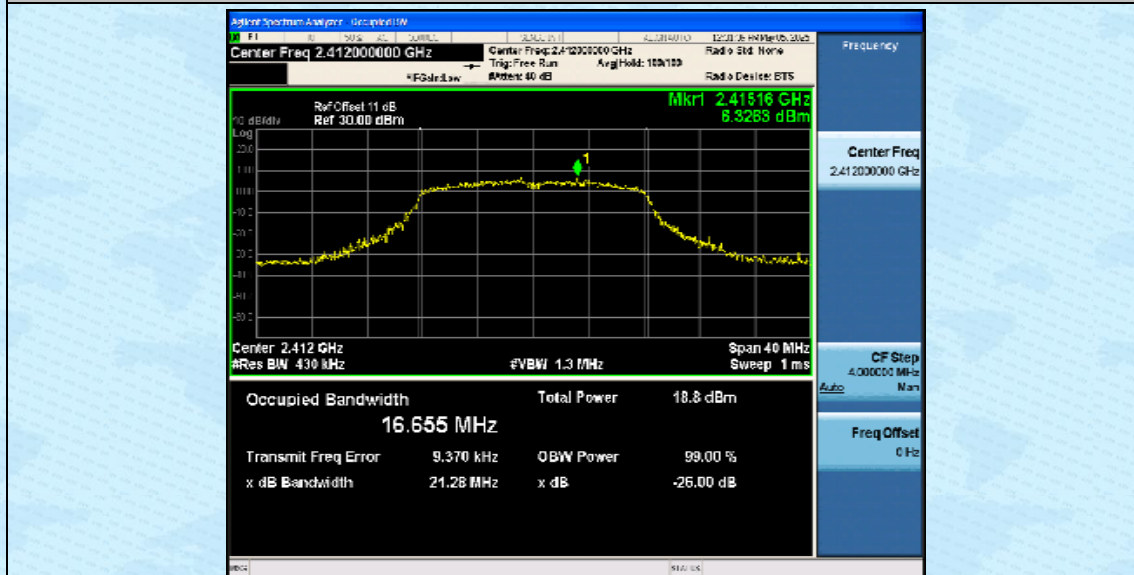
TestMode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	14.005	2404.9866	2418.9916	---	---
		2437	14.011	2429.9776	2443.9886	---	---
		2462	14.011	2454.9585	2468.9695	---	---
11G	Ant1	2412	16.655	2403.6819	2420.3369	---	---
		2437	16.654	2428.6456	2445.2996	---	---
		2462	16.644	2453.6491	2470.2931	---	---
11N20SISO	Ant1	2412	17.721	2403.1461	2420.8671	---	---
		2437	17.679	2428.1549	2445.8339	---	---
		2462	17.729	2453.0963	2470.8253	---	---

Test Graphs

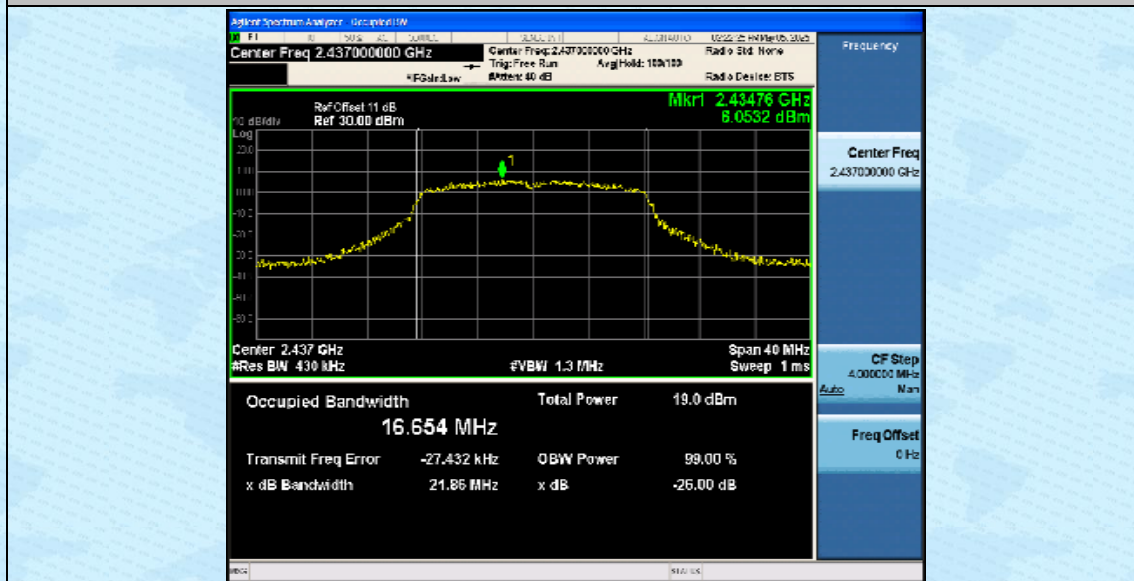




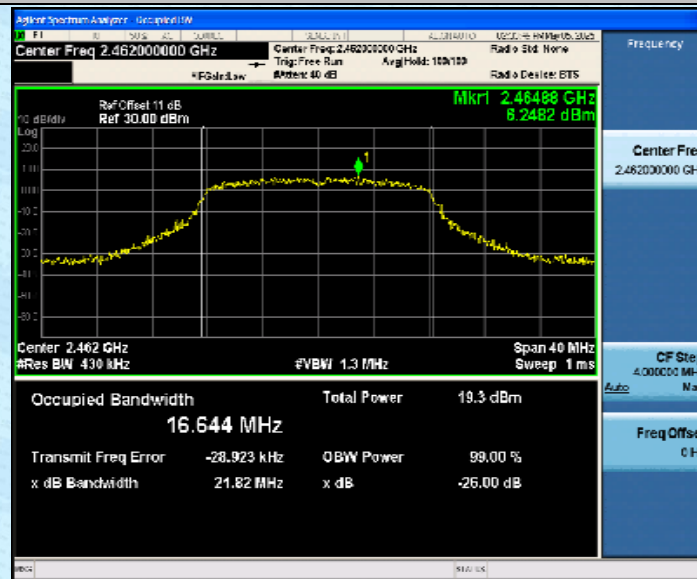
11G_Ant1_2412



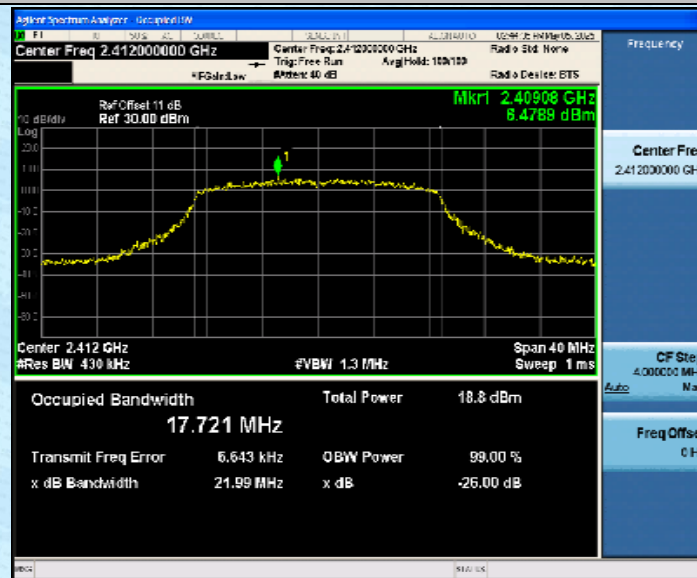
11G_Ant1_2437



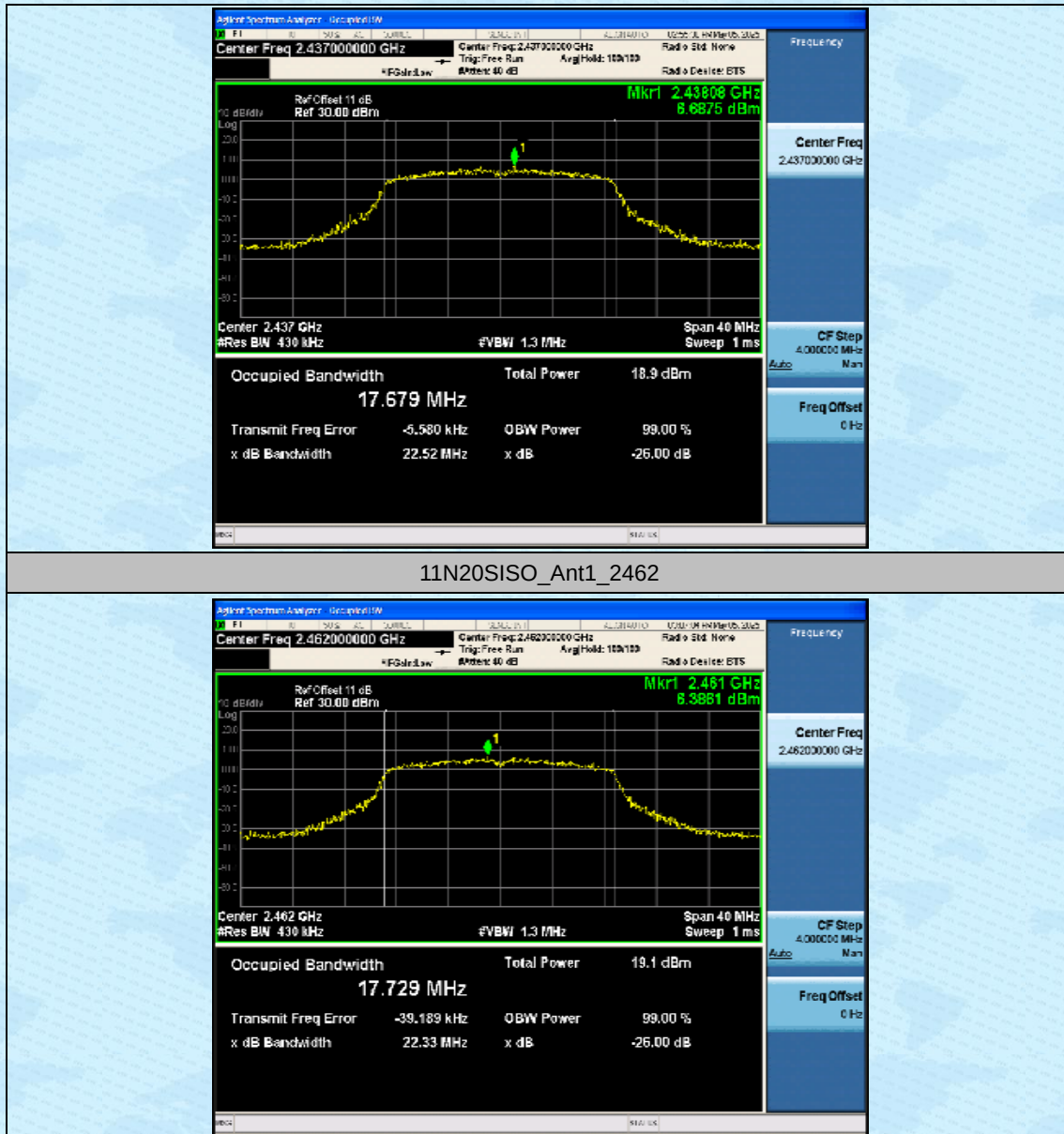
11G_Ant1_2462



11N20SISO_Ant1_2412



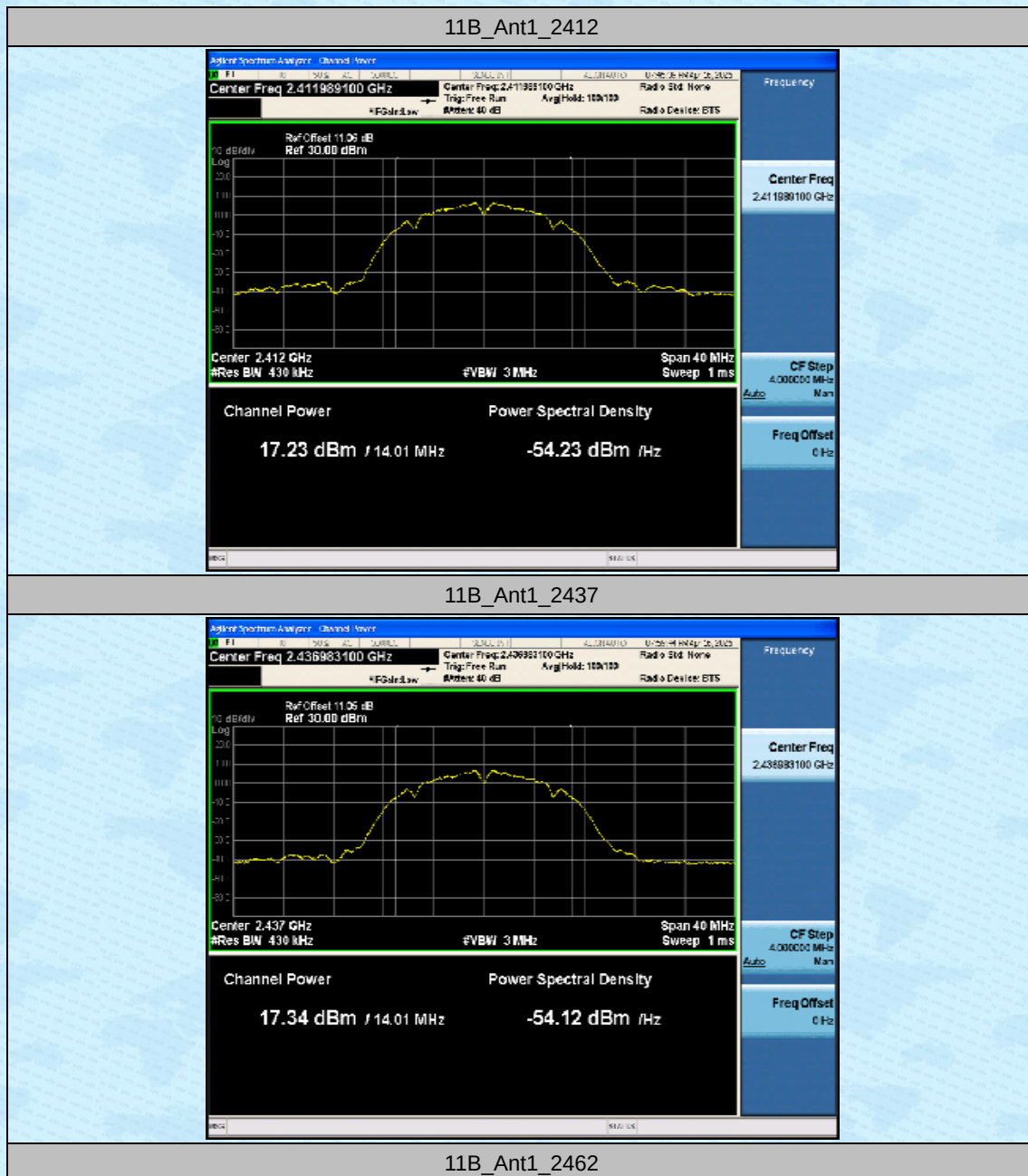
11N20SISO_Ant1_2437

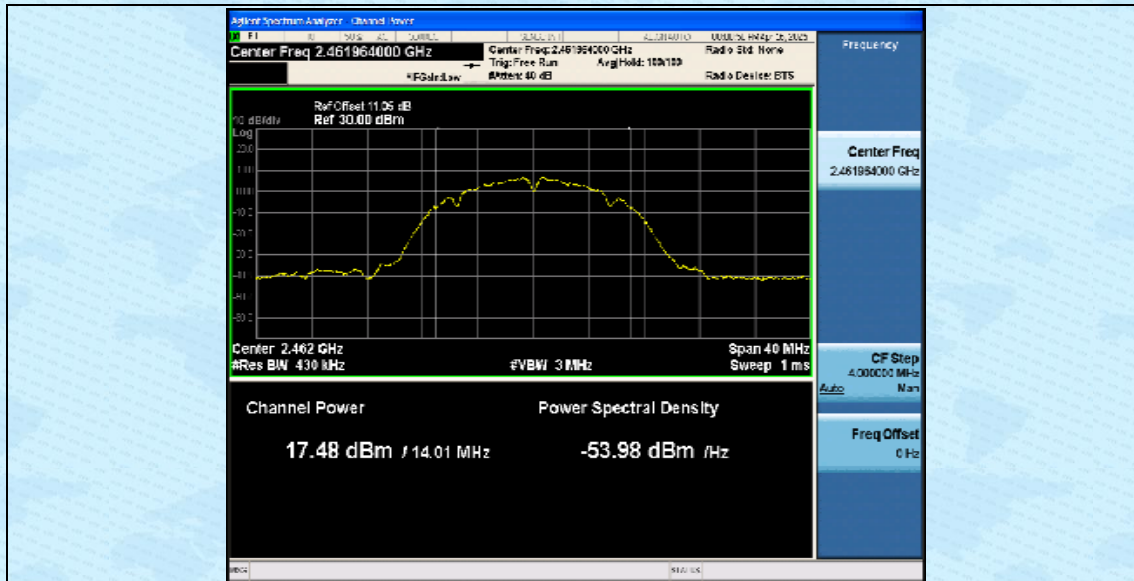


AppendixC: Maximum conducted output power**Test Result Average**

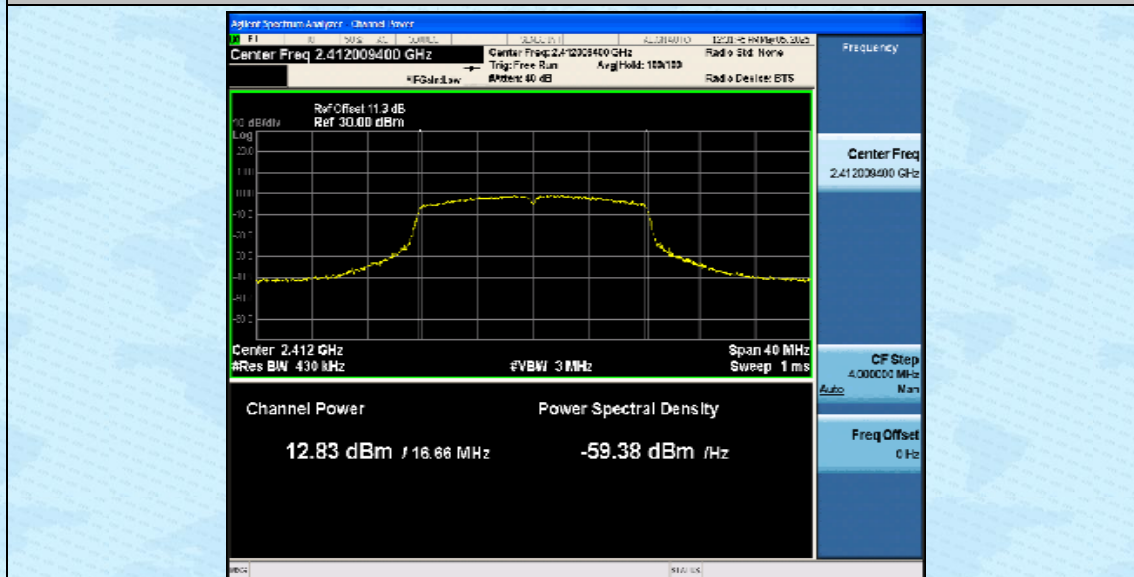
Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	17.23	≤30.00	PASS
		2437	17.34	≤30.00	PASS
		2462	17.48	≤30.00	PASS
11G	Ant1	2412	12.83	≤30.00	PASS
		2437	12.95	≤30.00	PASS
		2462	13.30	≤30.00	PASS
11N20SISO	Ant1	2412	12.68	≤30.00	PASS
		2437	12.78	≤30.00	PASS
		2462	12.95	≤30.00	PASS

Test Graphs Average

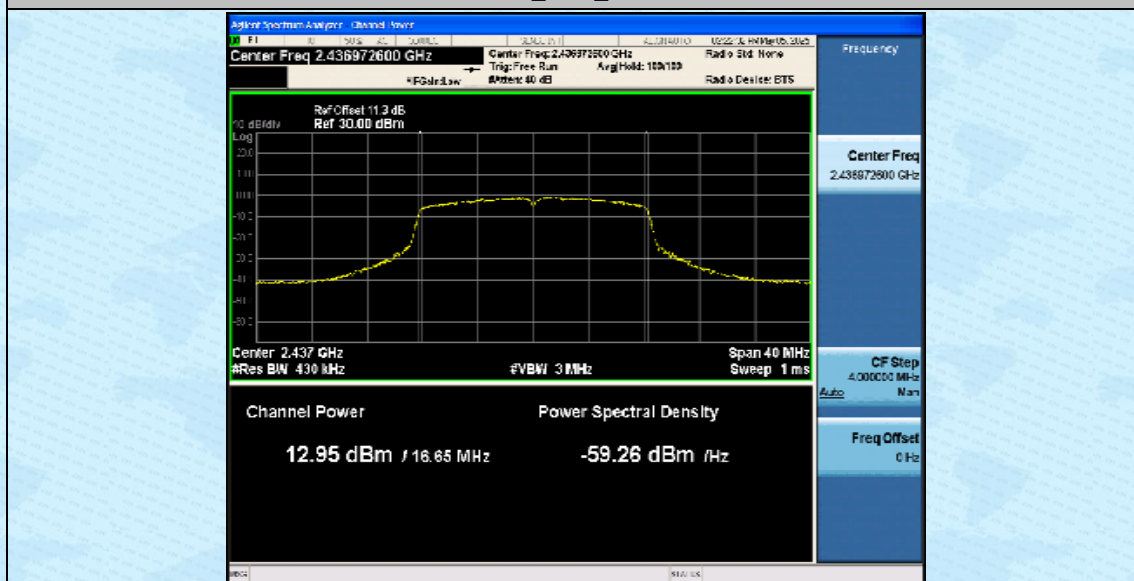




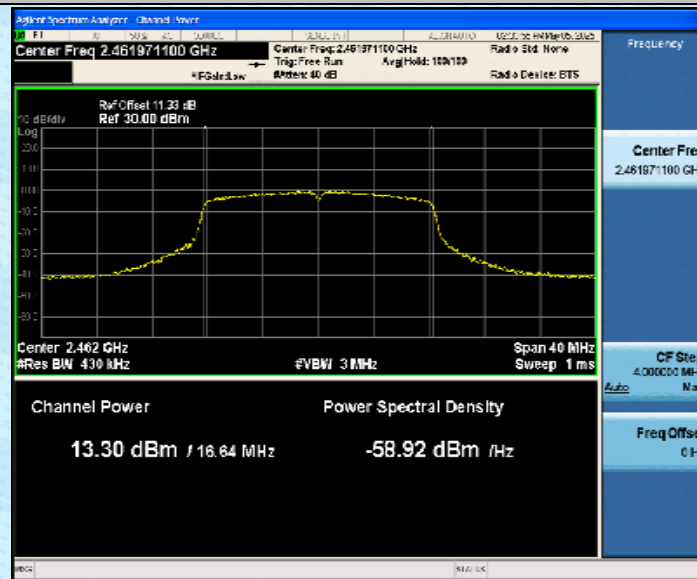
11G_Ant1_2412



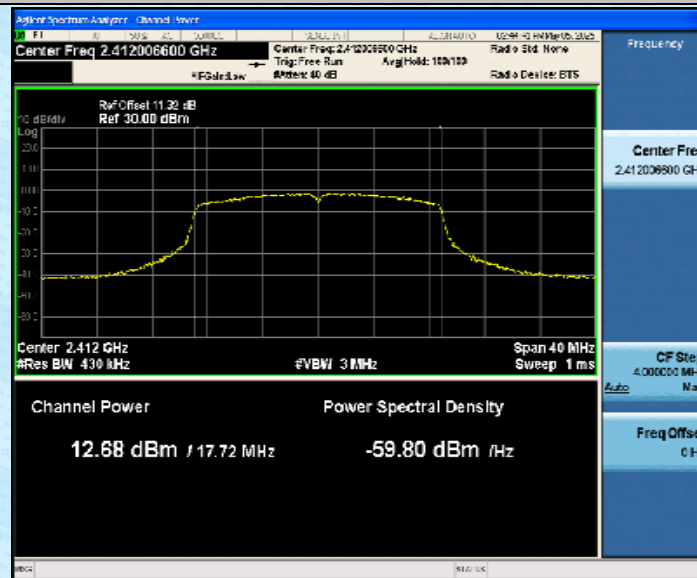
11G_Ant1_2437



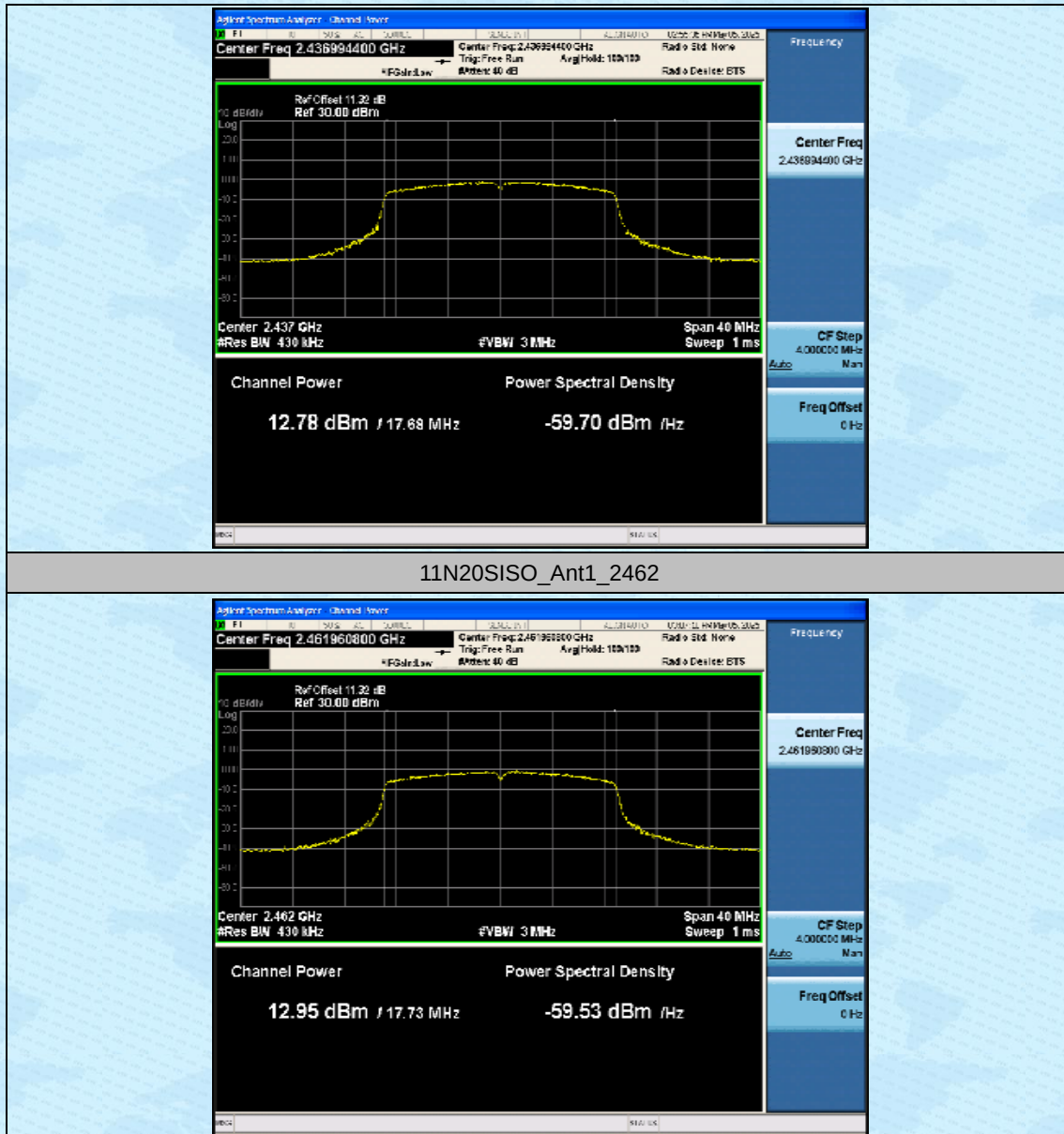
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



AppendixD: Maximum power spectral density**Test Result**

TestMode	Antenna	Frequency [MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.49	≤8.00	PASS
		2437	-13.45	≤8.00	PASS
		2462	-12.97	≤8.00	PASS
11G	Ant1	2412	-20.28	≤8.00	PASS
		2437	-20.06	≤8.00	PASS
		2462	-19.77	≤8.00	PASS
11N20SISO	Ant1	2412	-19.98	≤8.00	PASS
		2437	-20.03	≤8.00	PASS
		2462	-20.15	≤8.00	PASS

Test Graphs

11B_Ant1_2412



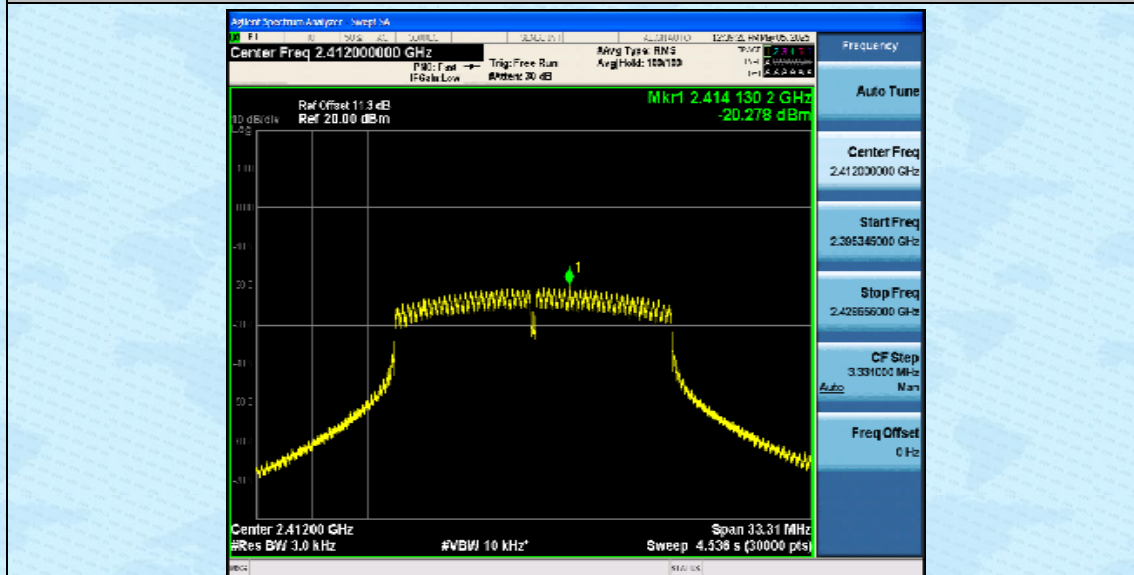
11B_Ant1_2437



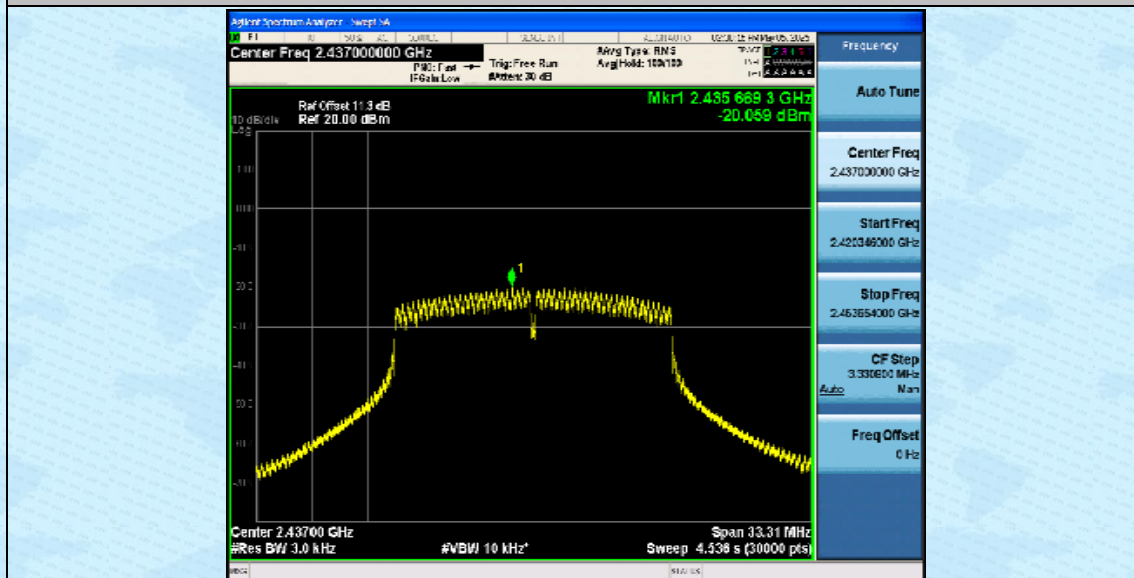
11B_Ant1_2462



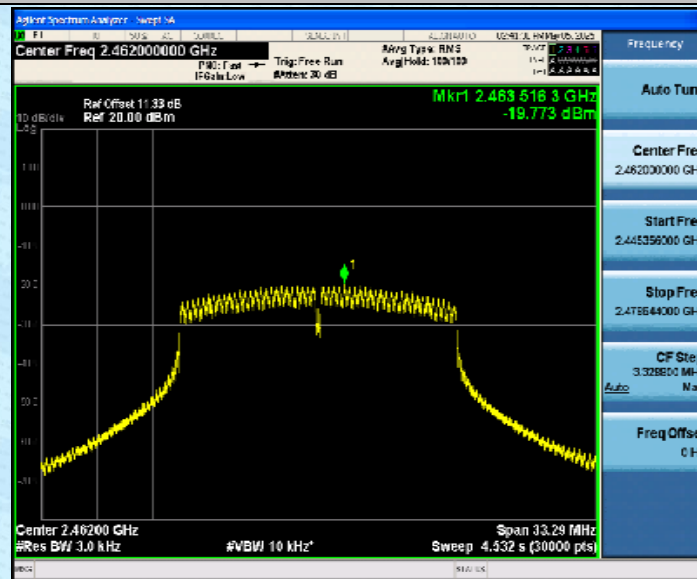
11G_Ant1_2412



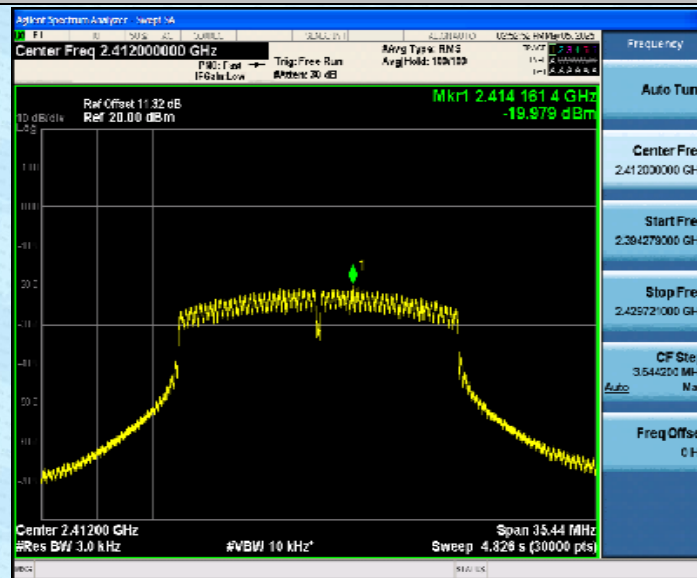
11G_Ant1_2437



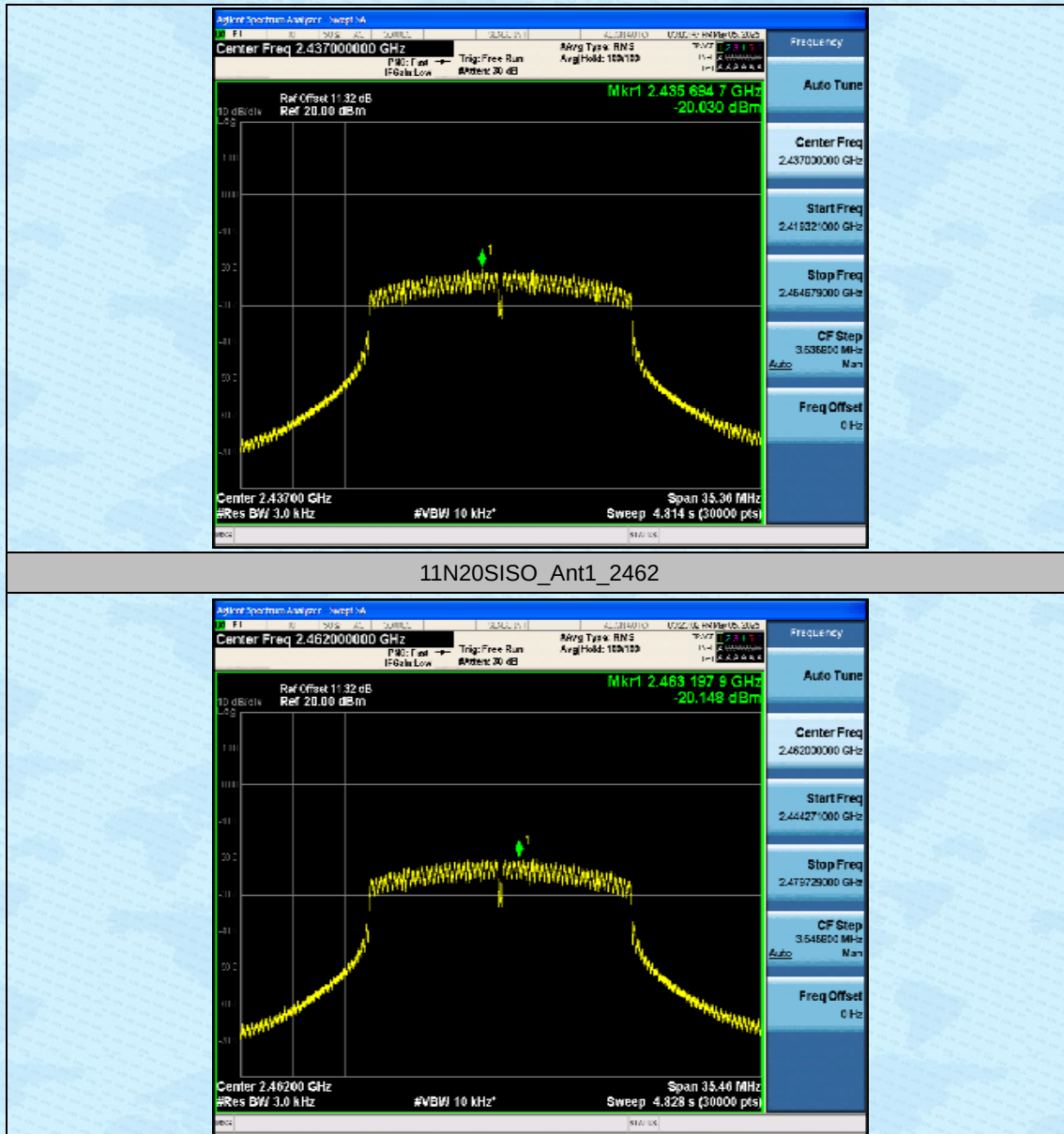
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



AppendixF:Band edge measurements**Test Result**

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.98	-32.48	≤-21.02	PASS
		High	2462	9.09	-45.38	≤-20.91	PASS
11G	Ant1	Low	2412	2.02	-33.37	≤-27.98	PASS
		High	2462	2.19	-44.92	≤-27.81	PASS
11N20SISO	Ant1	Low	2412	2.19	-31.8	≤-27.81	PASS
		High	2462	3.05	-44.28	≤-26.95	PASS

Test Graphs

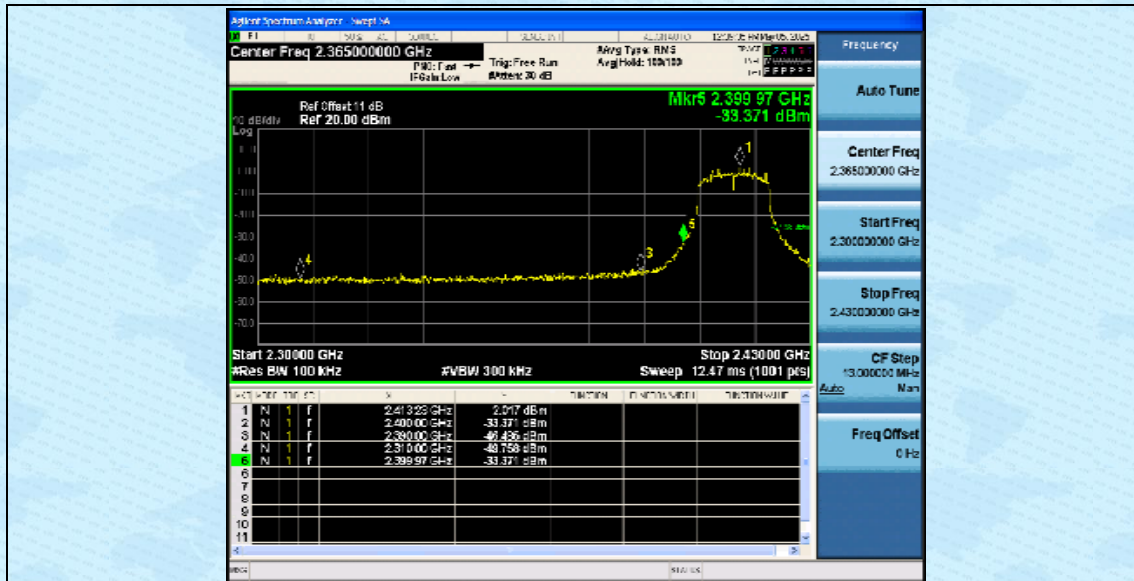
11B_Ant1_Low_2412



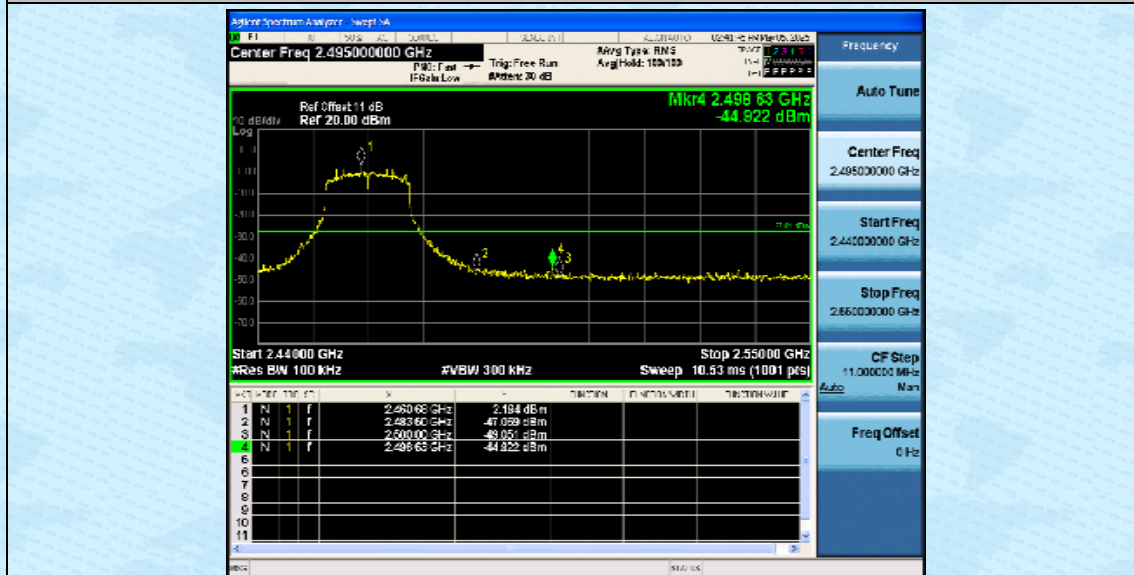
11B_Ant1_High_2462



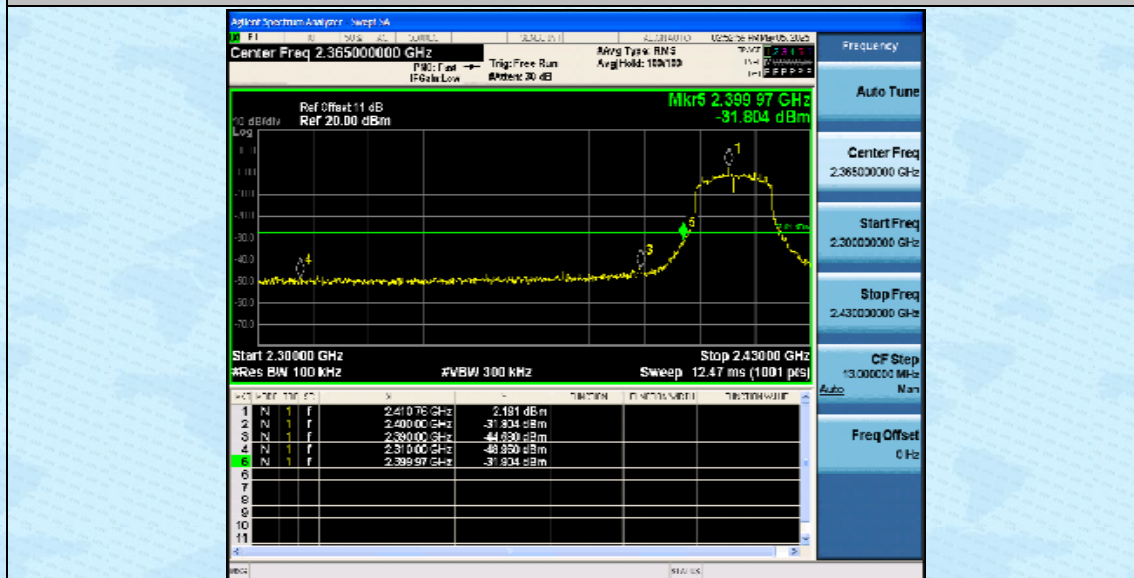
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

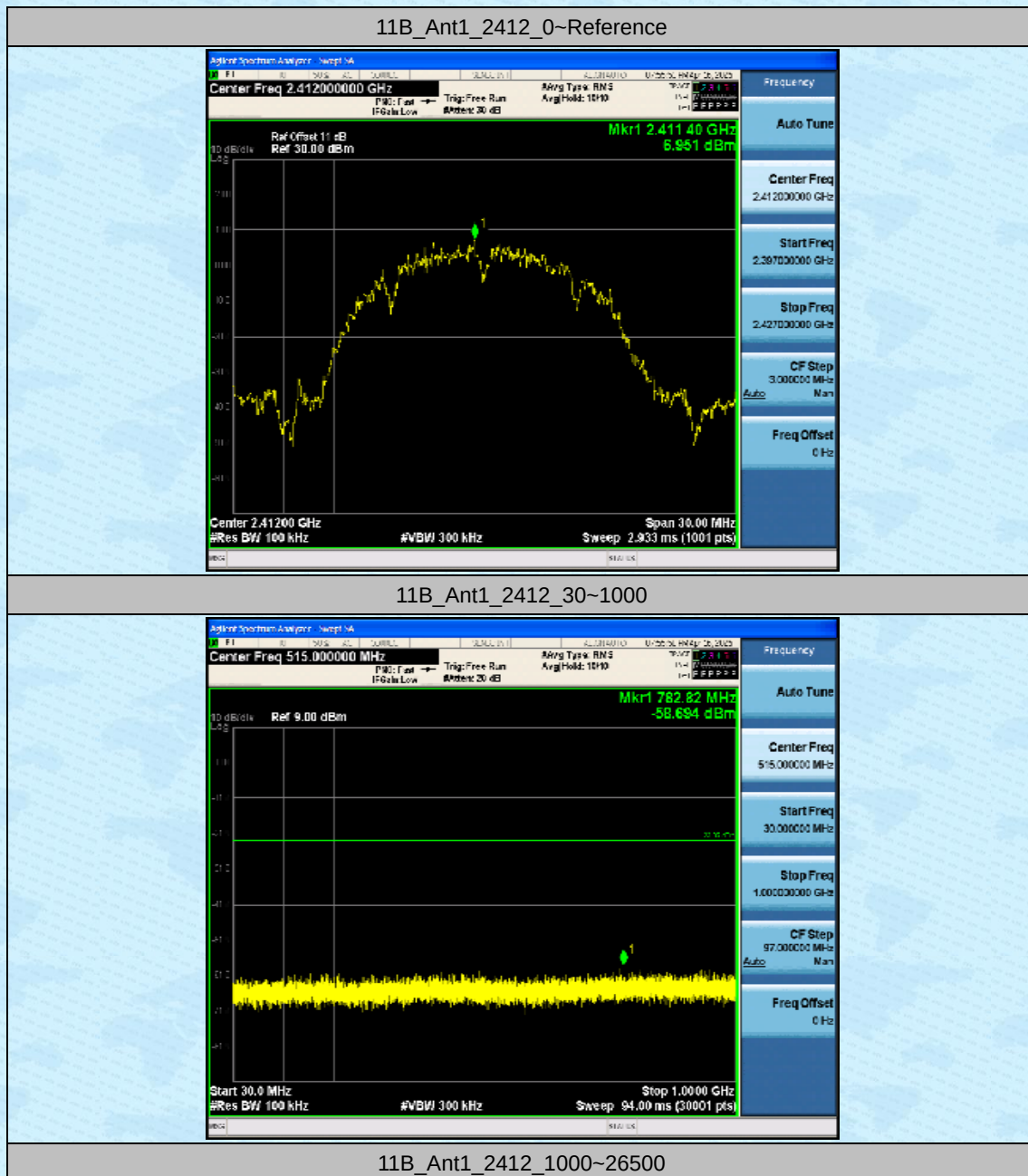


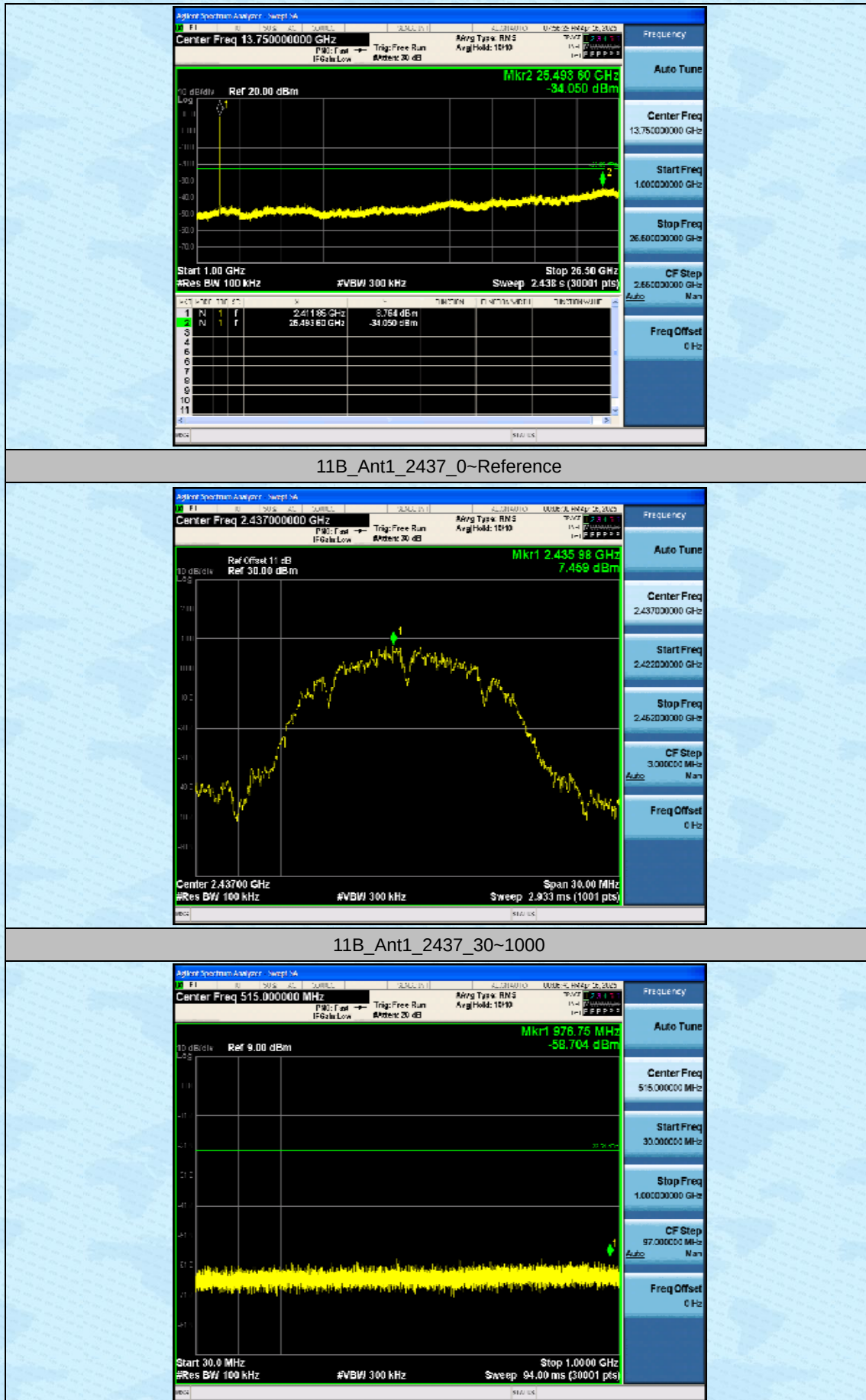
AppendixG:Conducted Spurious Emission

Test Result

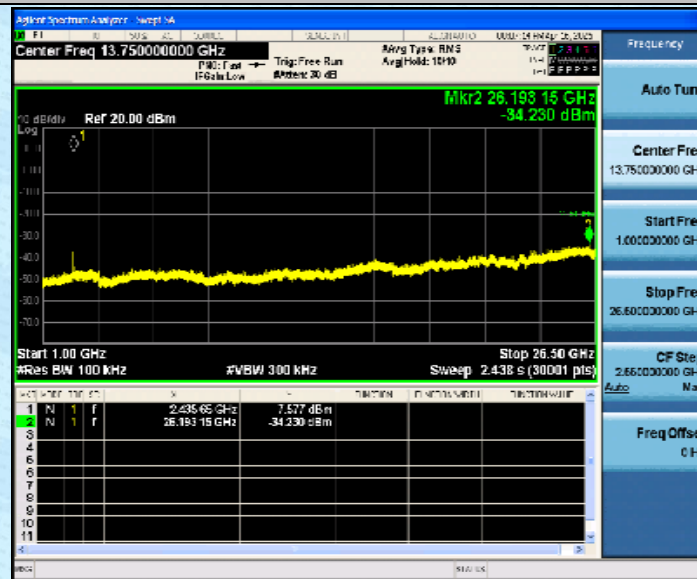
TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.95	6.95	---	PASS
			30~1000	6.95	-58.69	≤-23.05	PASS
			1000~26500	6.95	-34.05	≤-23.05	PASS
		2437	Reference	7.46	7.46	---	PASS
			30~1000	7.46	-58.7	≤-22.54	PASS
			1000~26500	7.46	-34.23	≤-22.54	PASS
		2462	Reference	9.20	9.20	---	PASS
			30~1000	9.20	-58.96	≤-20.80	PASS
			1000~26500	9.20	-34.23	≤-20.80	PASS
11G	Ant1	2412	Reference	0.67	0.67	---	PASS
			30~1000	0.67	-58.71	≤-29.33	PASS
			1000~26500	0.67	-44.05	≤-29.33	PASS
		2437	Reference	-0.54	-0.54	---	PASS
			30~1000	-0.54	-59.31	≤-30.54	PASS
			1000~26500	-0.54	-44.3	≤-30.54	PASS
		2462	Reference	-0.09	-0.09	---	PASS
			30~1000	-0.09	-58.19	≤-30.09	PASS
			1000~26500	-0.09	-44.25	≤-30.09	PASS
11N20SISO	Ant1	2412	Reference	-0.15	-0.15	---	PASS
			30~1000	-0.15	-58.09	≤-30.15	PASS
			1000~26500	-0.15	-43.74	≤-30.15	PASS
		2437	Reference	2.25	2.25	---	PASS
			30~1000	2.25	-58.43	≤-27.75	PASS
			1000~26500	2.25	-44.35	≤-27.75	PASS
		2462	Reference	-0.74	-0.74	---	PASS
			30~1000	-0.74	-58.36	≤-30.74	PASS
			1000~26500	-0.74	-44.19	≤-30.74	PASS

Test Graphs





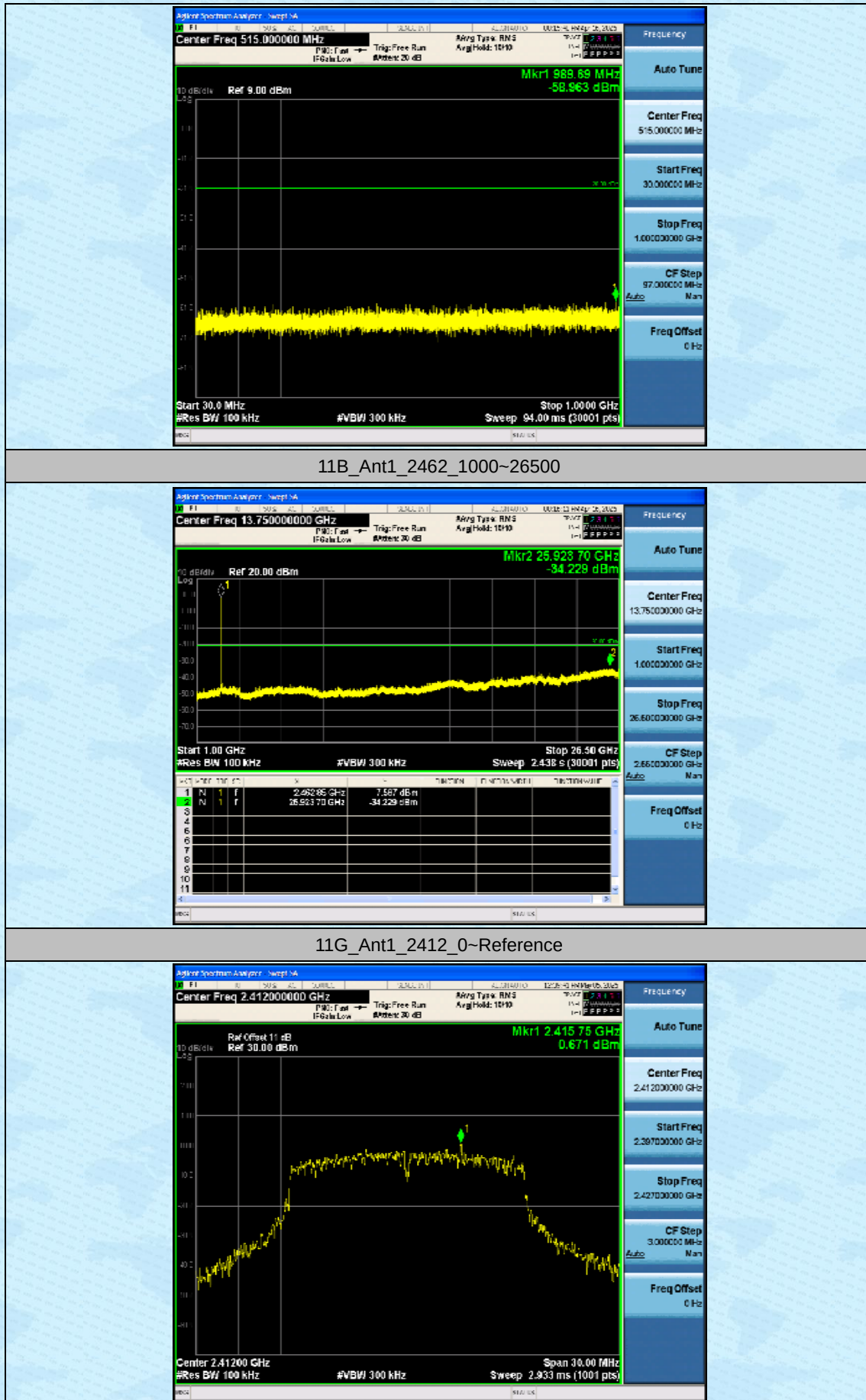
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



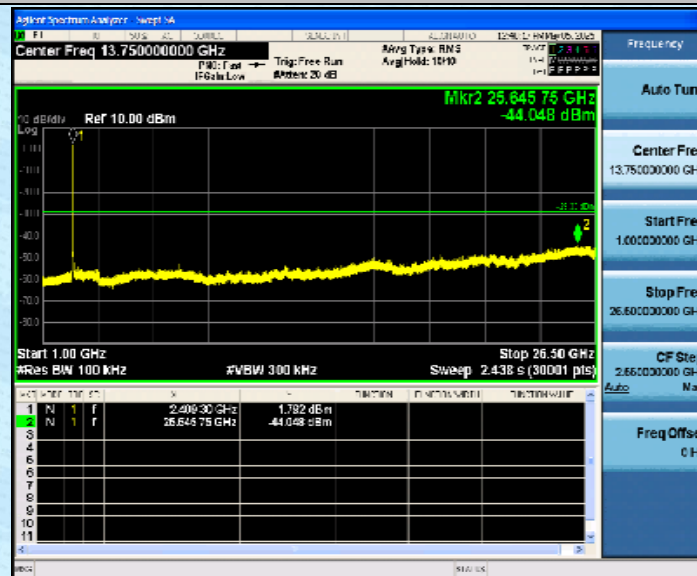
11B_Ant1_2462_30~1000



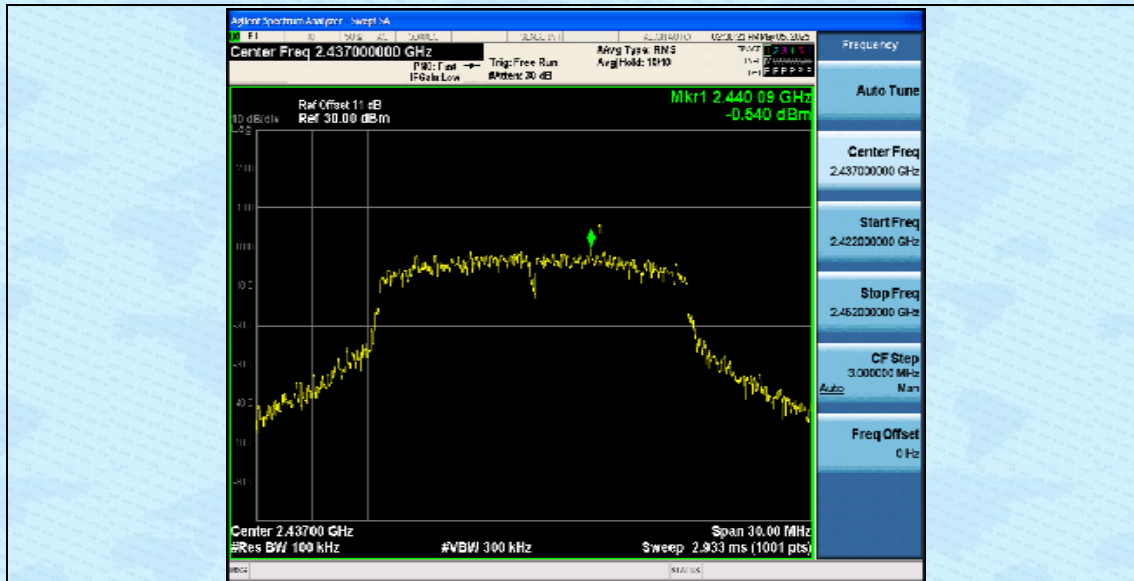
11G_Ant1_2412_30~1000



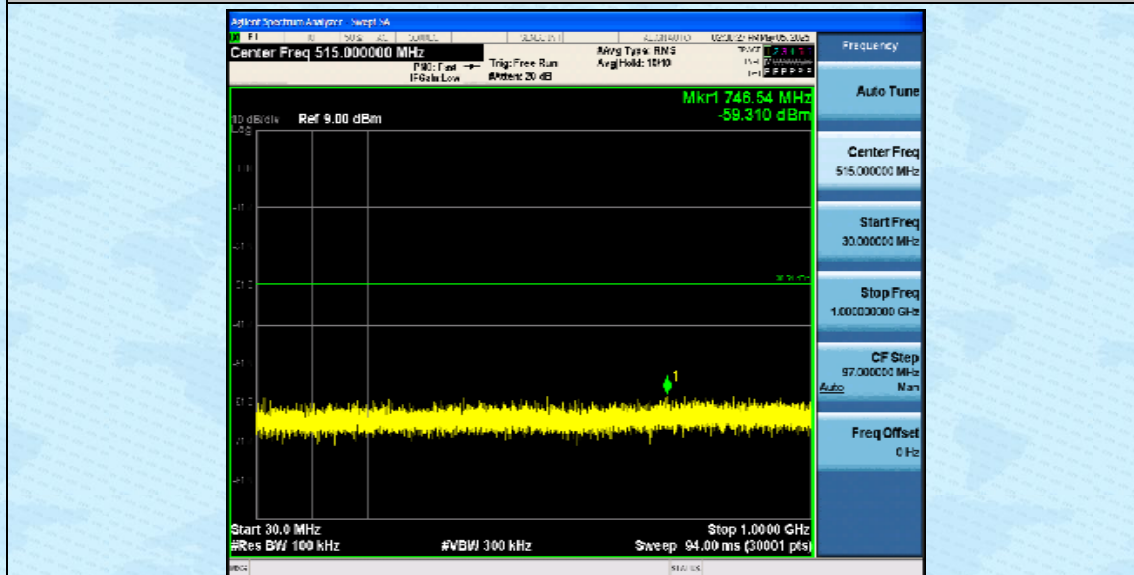
11G_Ant1_2412_1000~26500



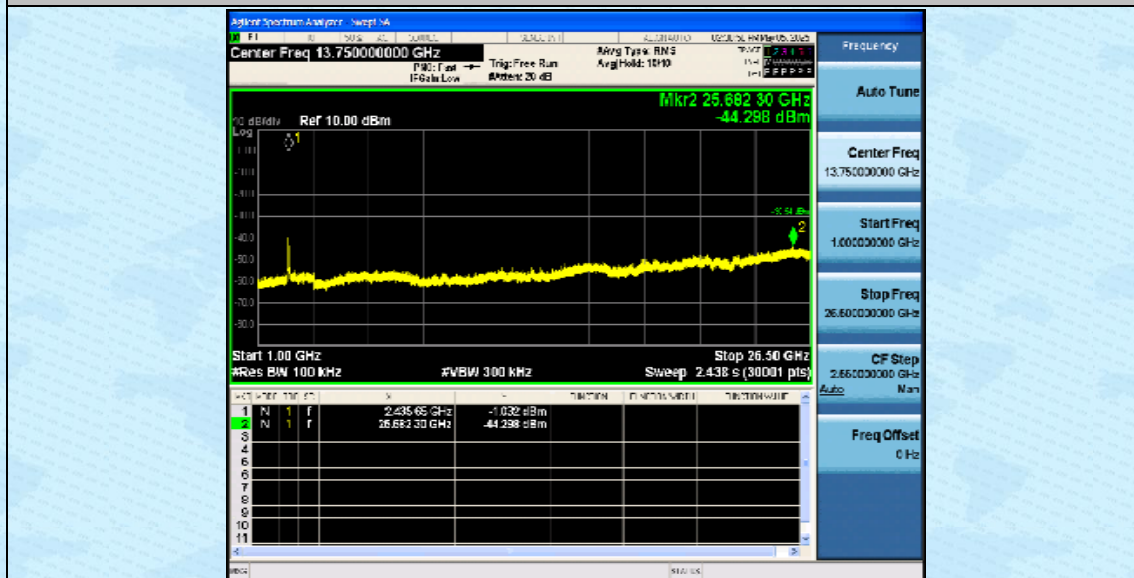
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



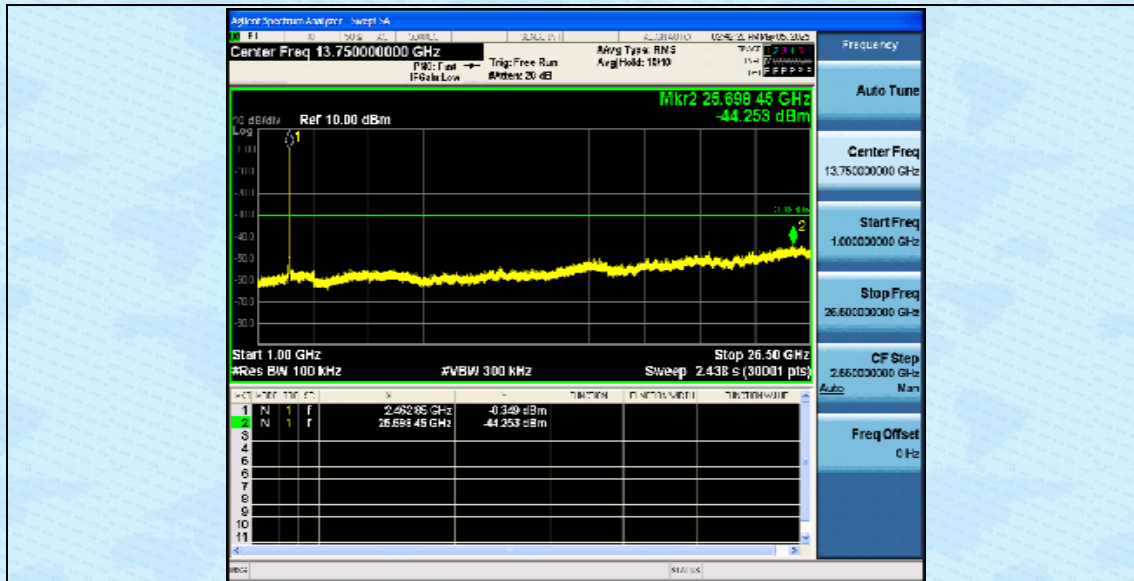
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



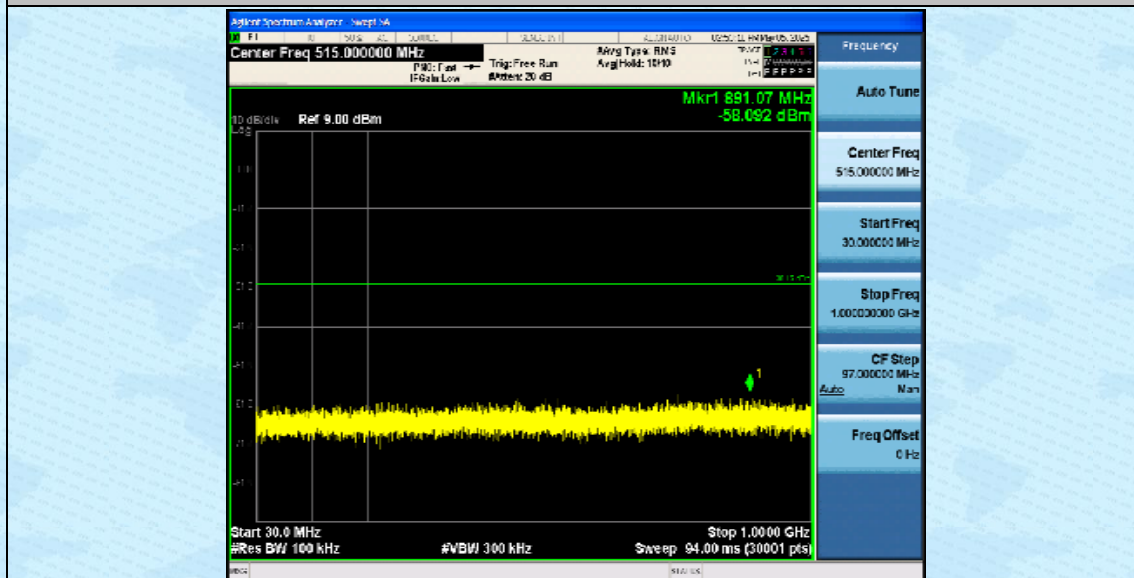
11G_Ant1_2462_1000~26500



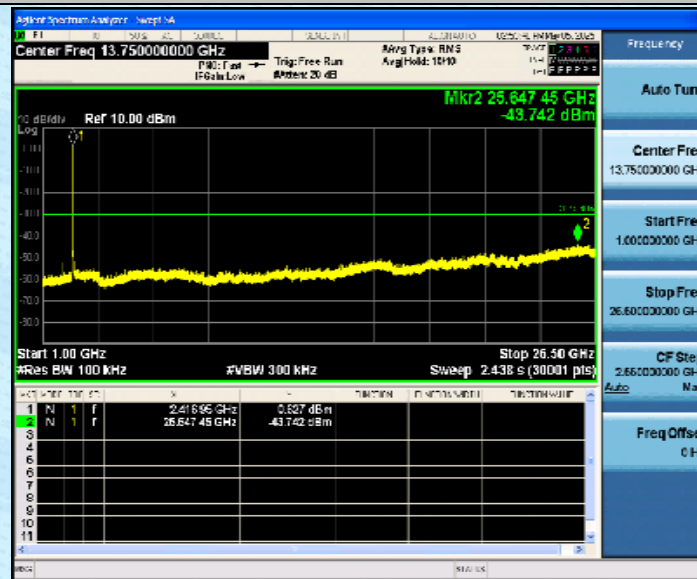
11N20SISO_Ant1_2412_0-Reference



11N20SISO_Ant1_2412_30~1000



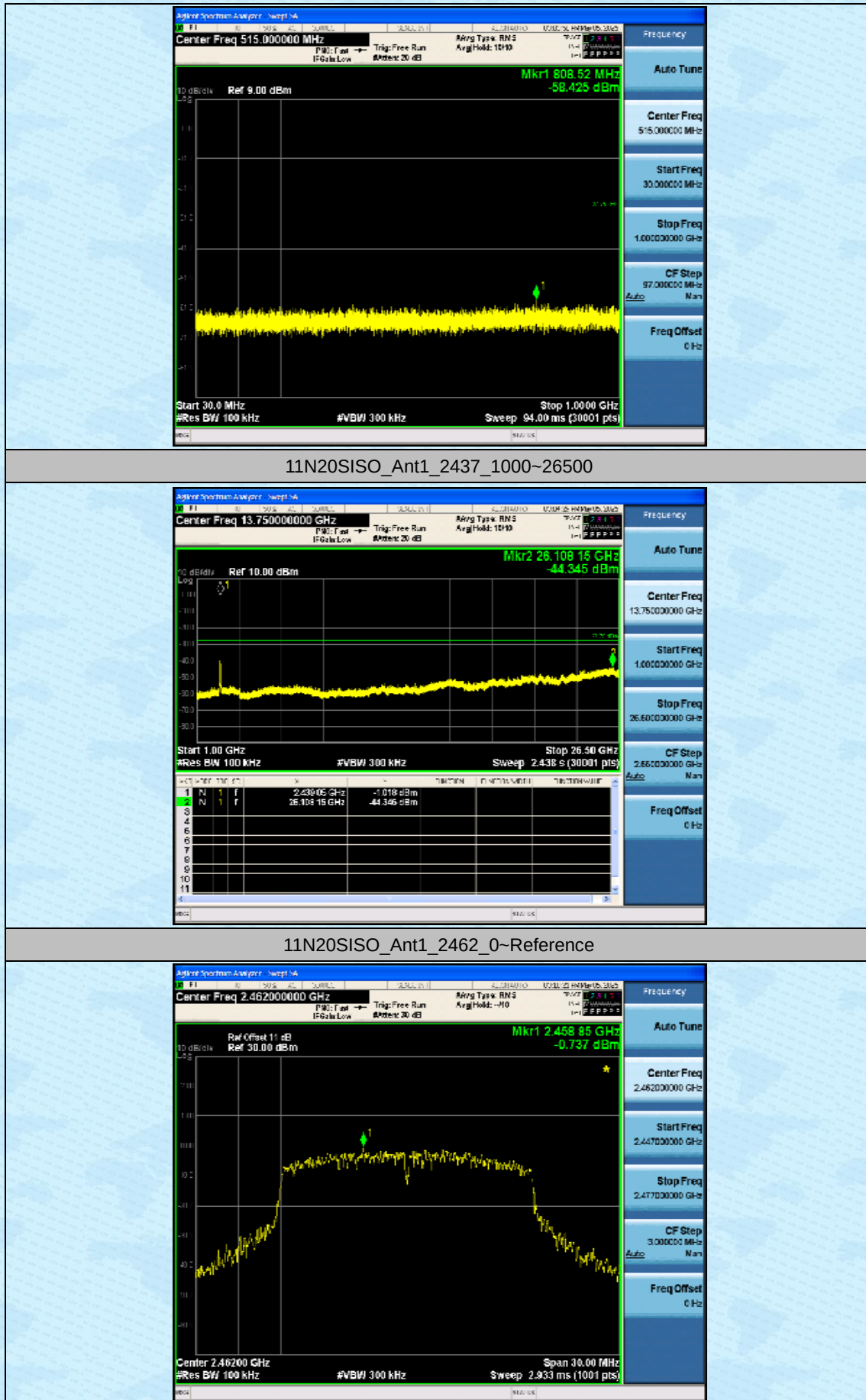
11N20SISO_Ant1_2412_1000~26500



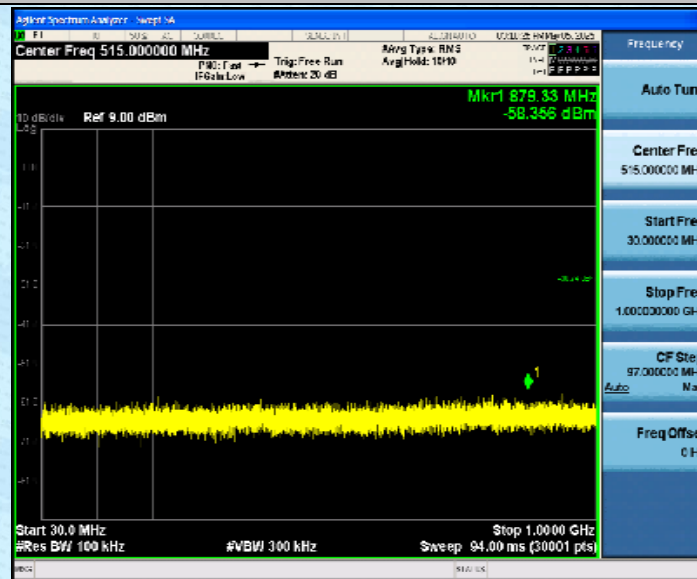
11N20SISO_Ant1_2437_0~Reference



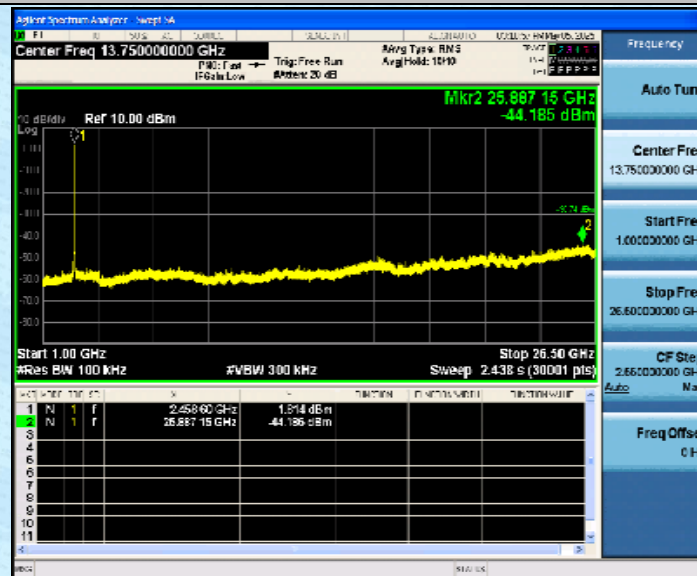
11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2462_30~1000



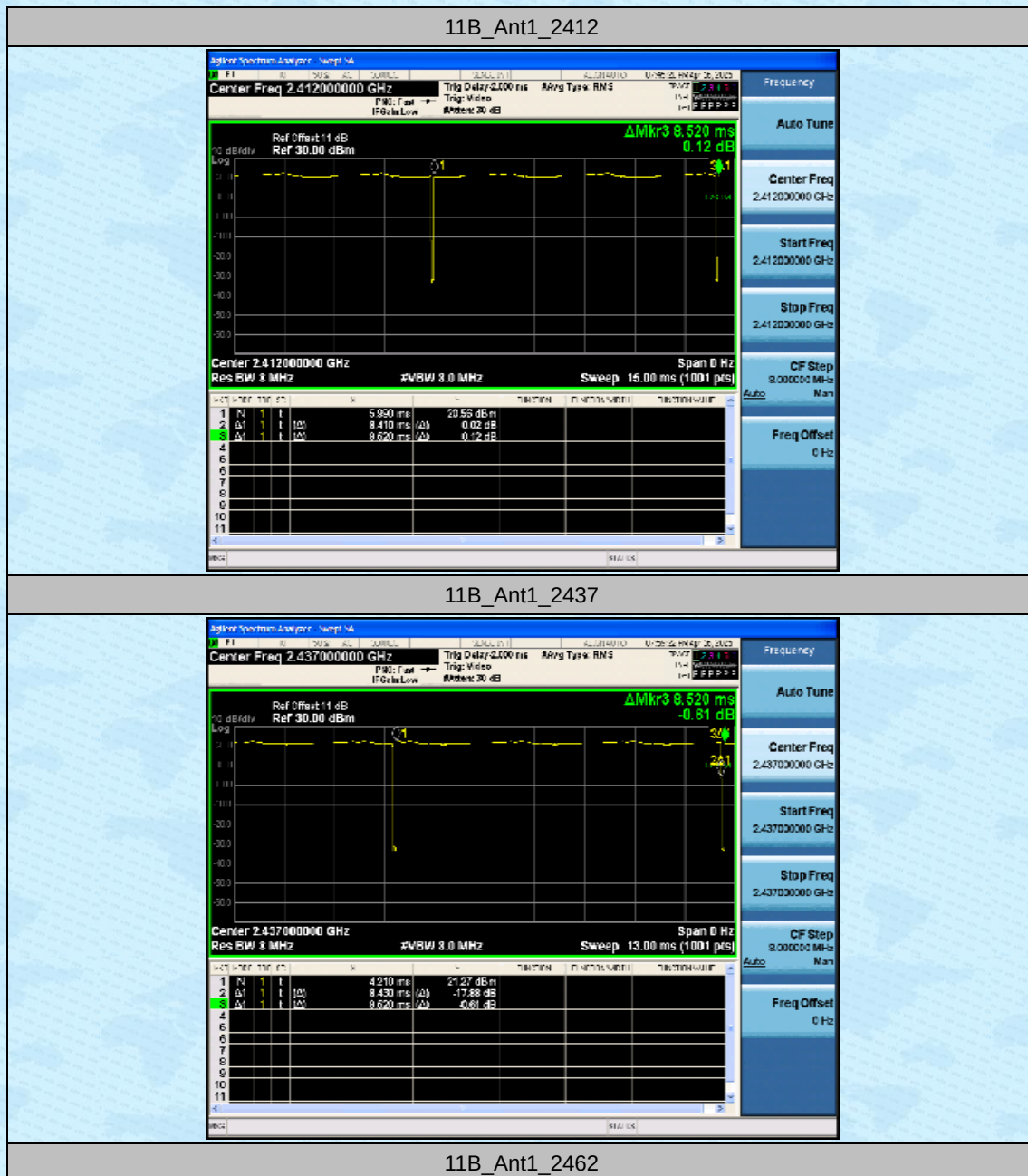
11N20SISO_Ant1_2462_1000~26500

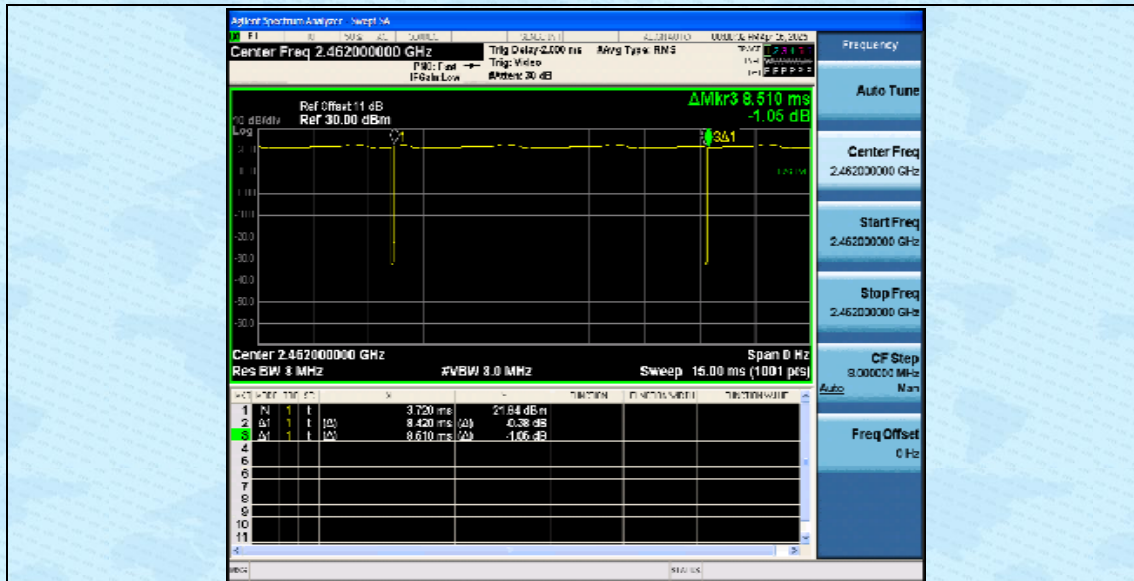


AppendixH: Duty Cycle**Test Result**

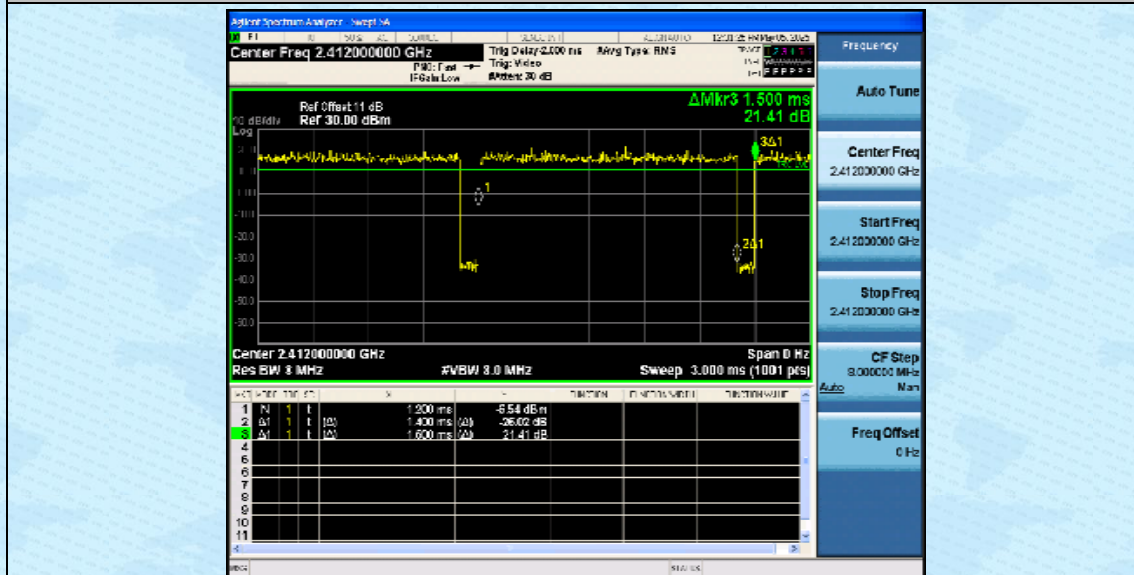
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.41	8.52	98.71
		2437	8.43	8.52	98.94
		2462	8.42	8.51	98.94
11G	Ant1	2412	1.40	1.50	93.33
		2437	1.40	1.50	93.33
		2462	1.39	1.50	92.67
11N20SISO	Ant1	2412	1.31	1.41	92.91
		2437	1.31	1.41	92.91
		2462	1.31	1.41	92.91

Test Graphs

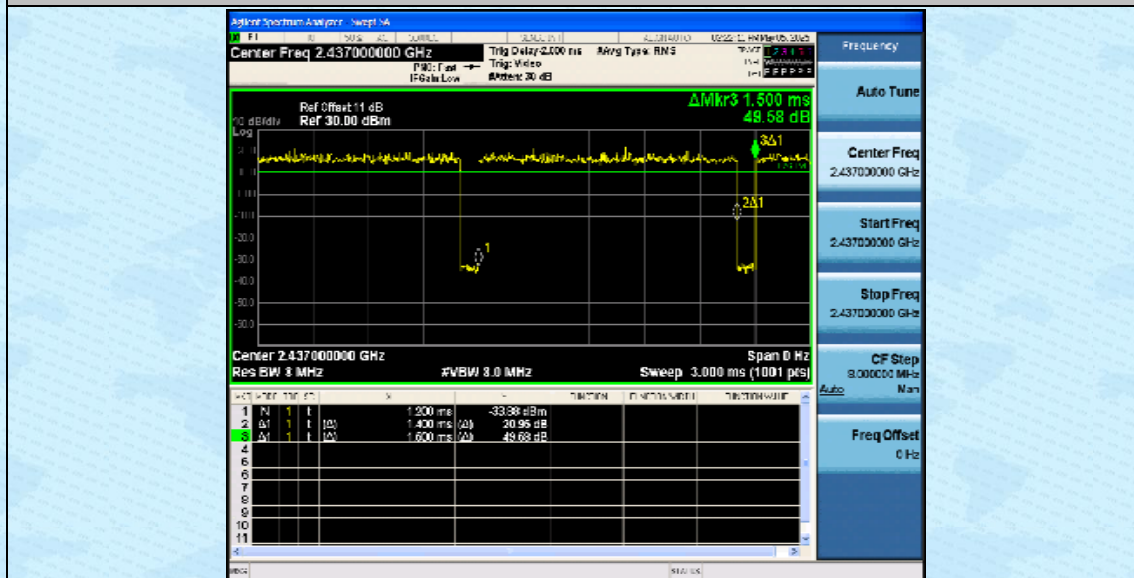




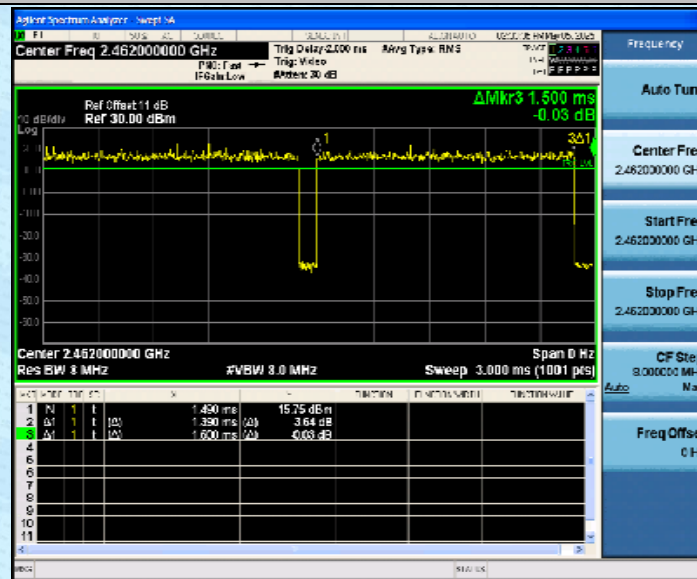
11G_Ant1_2412



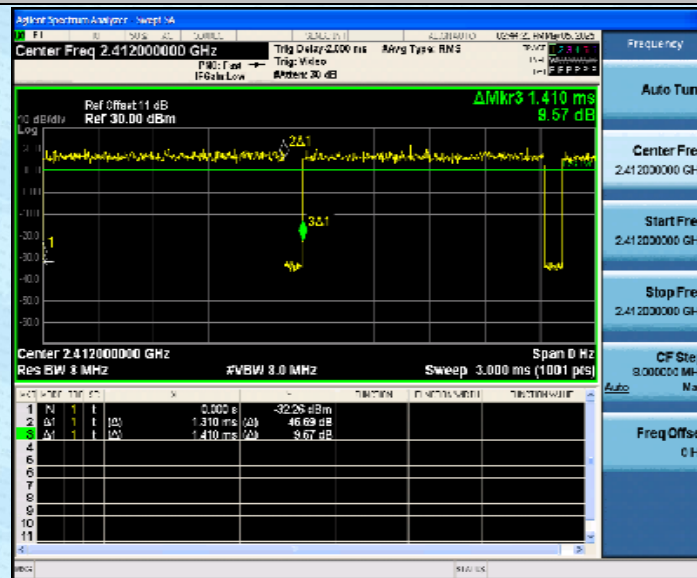
11G_Ant1_2437



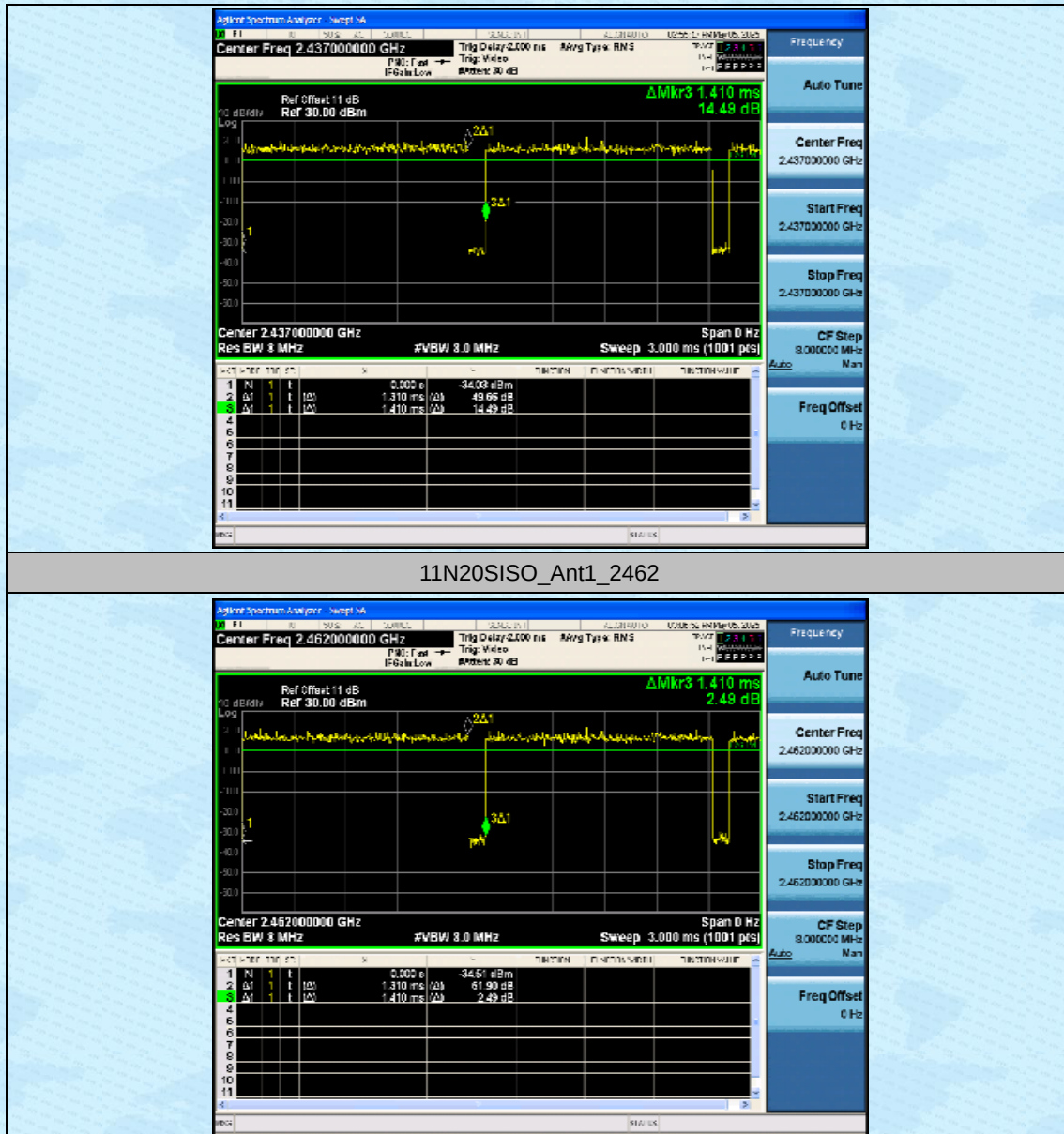
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



-----End-----