

Appendix: 2.4G WIFI

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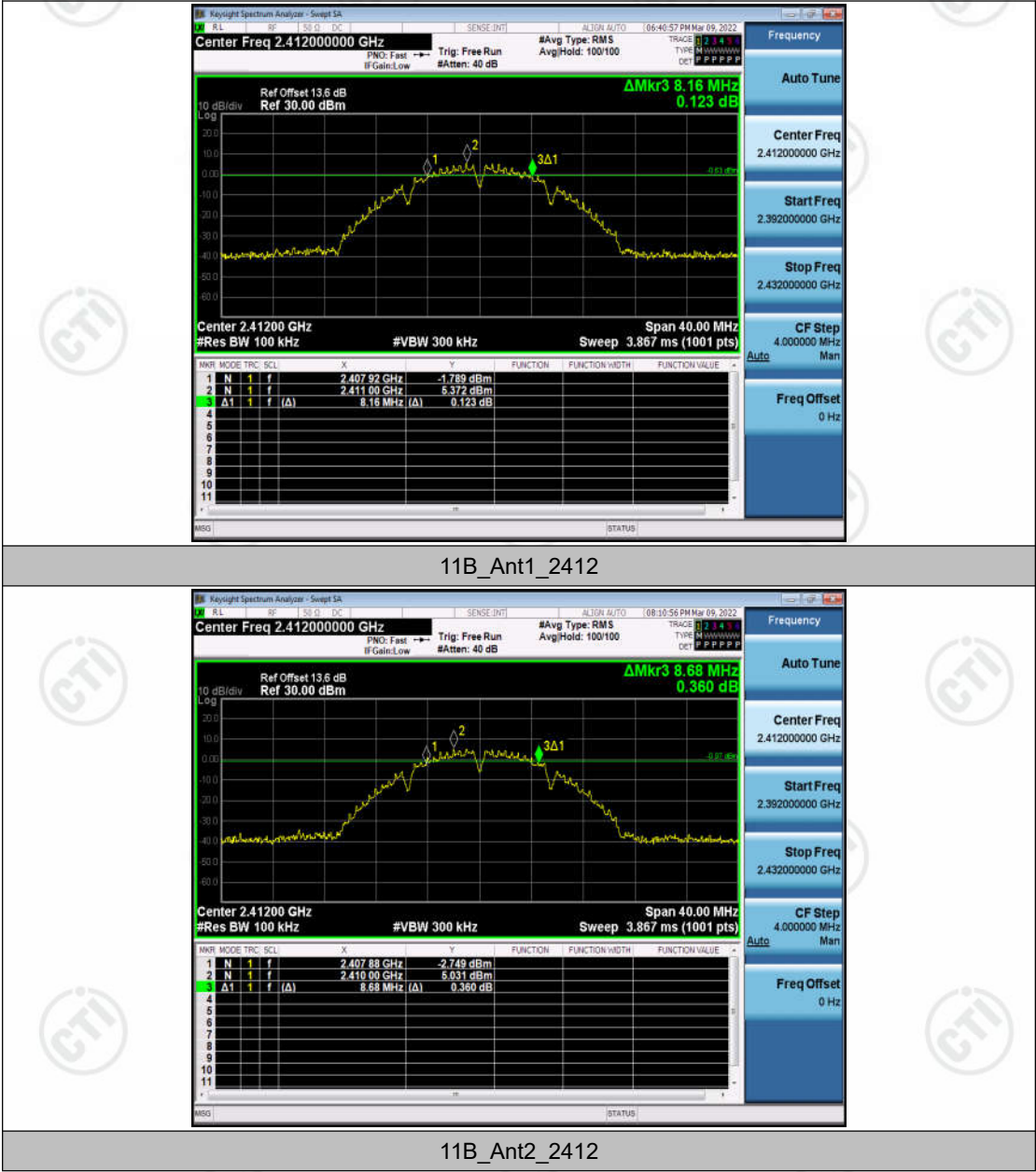
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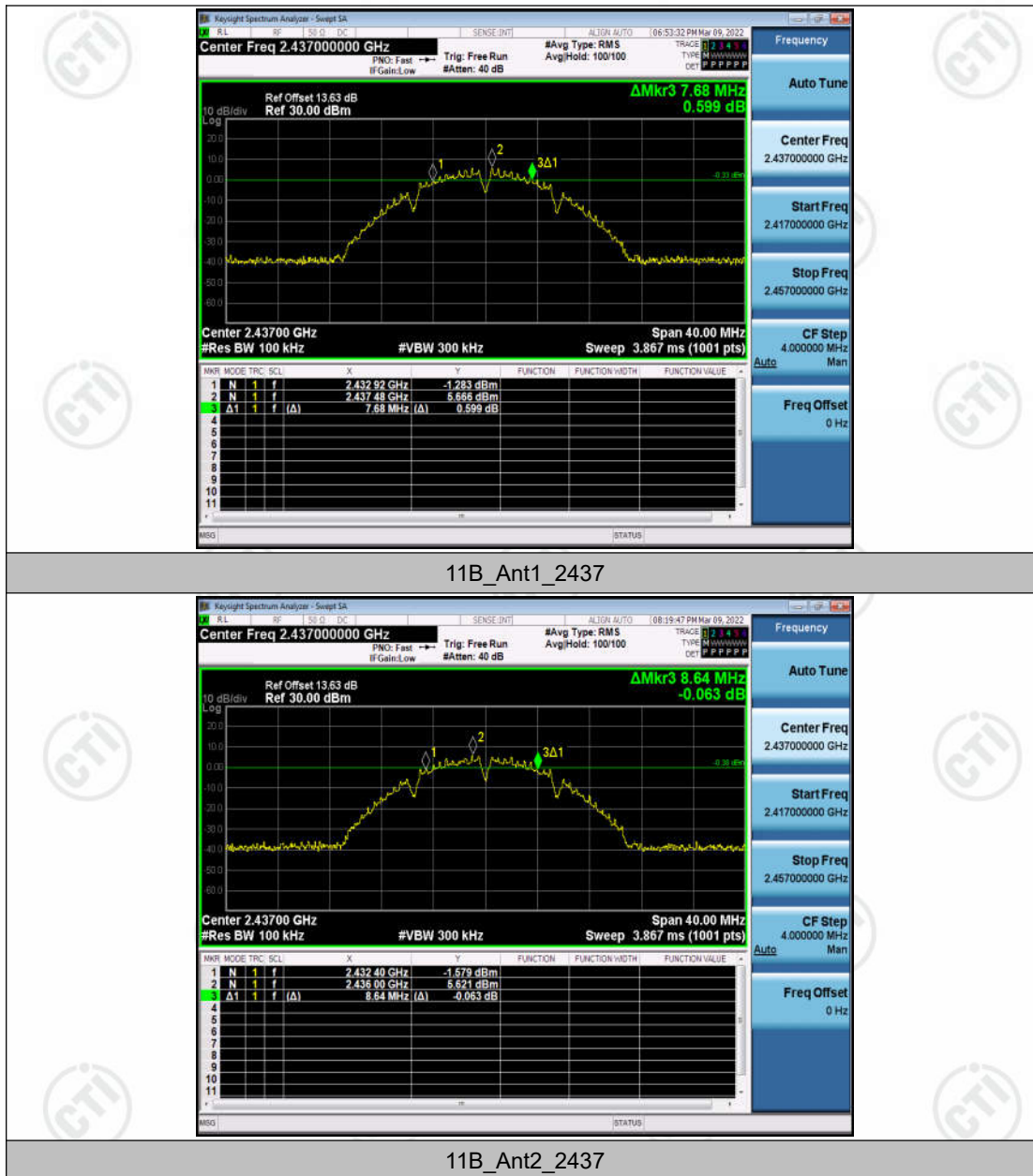
Appendix A: DTS Bandwidth

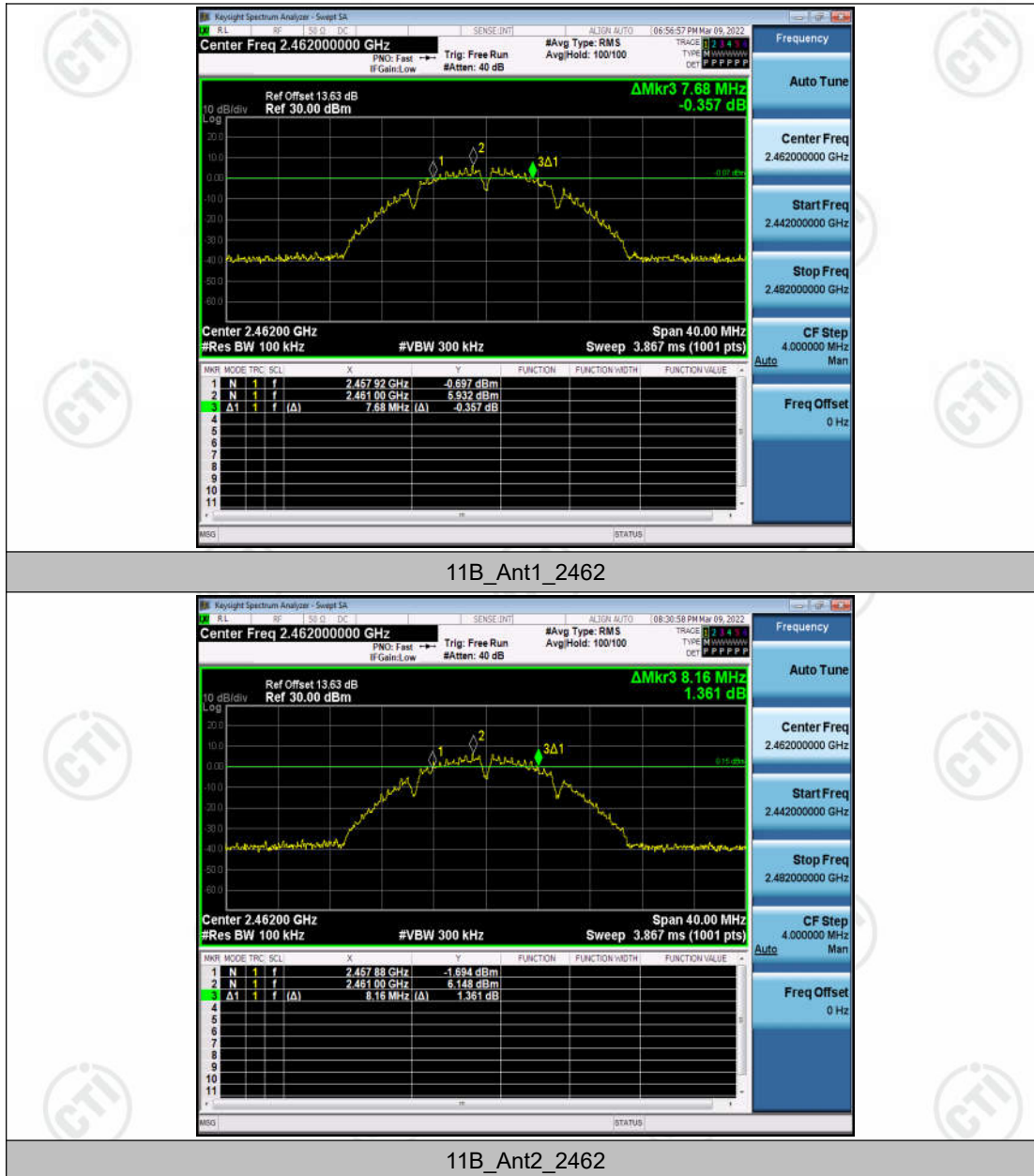
Test Result

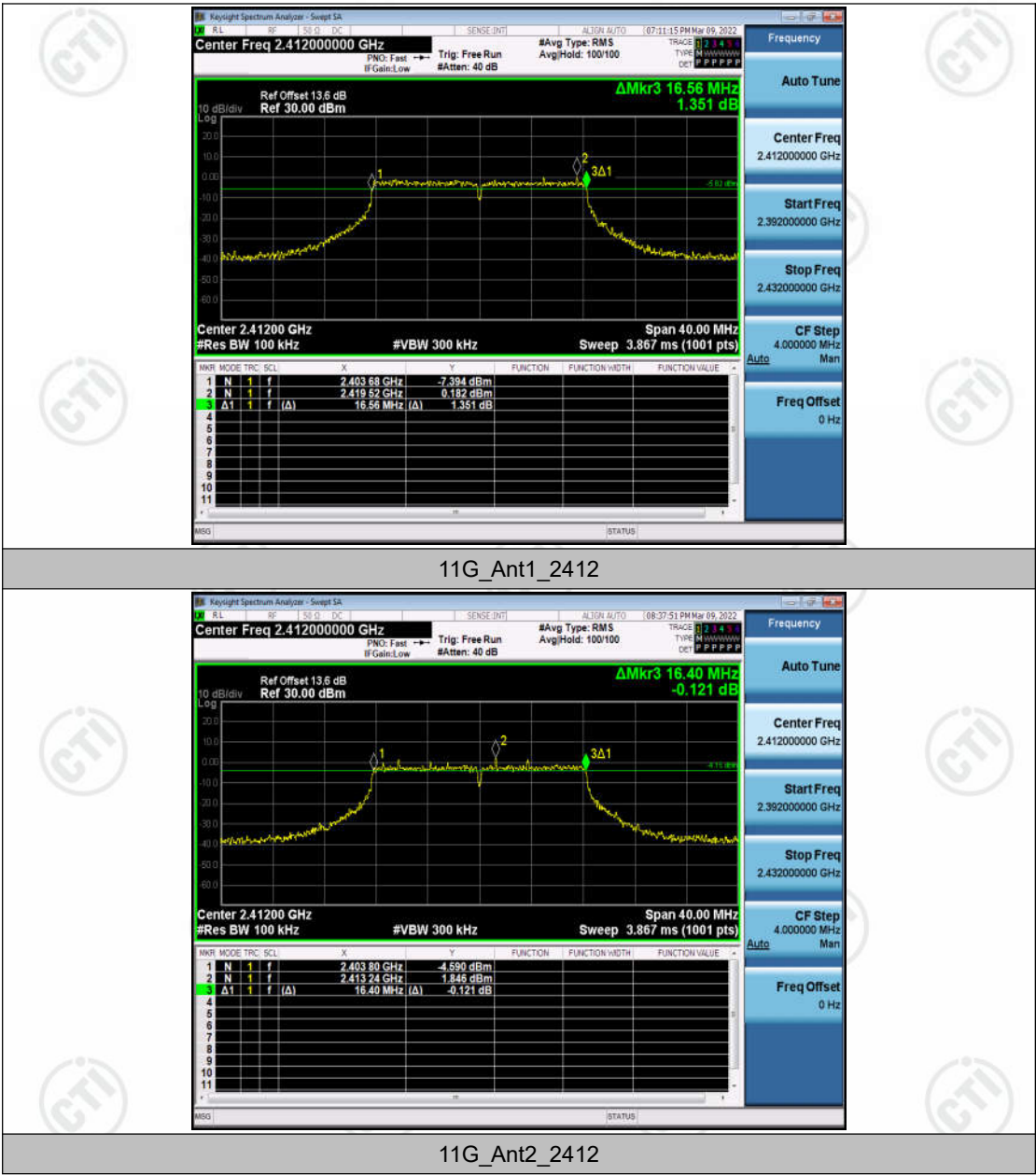
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.160	2407.920	2416.080	0.5	PASS
	Ant2	2412	8.680	2407.880	2416.560	0.5	PASS
	Ant1	2437	7.680	2432.920	2440.600	0.5	PASS
	Ant2	2437	8.640	2432.400	2441.040	0.5	PASS
	Ant1	2462	7.680	2457.920	2465.600	0.5	PASS
	Ant2	2462	8.160	2457.880	2466.040	0.5	PASS
11G	Ant1	2412	16.560	2403.680	2420.240	0.5	PASS
	Ant2	2412	16.400	2403.800	2420.200	0.5	PASS
	Ant1	2437	16.440	2428.760	2445.200	0.5	PASS
	Ant2	2437	16.440	2428.760	2445.200	0.5	PASS
	Ant1	2462	16.440	2453.760	2470.200	0.5	PASS
	Ant2	2462	16.440	2453.760	2470.200	0.5	PASS
11N20SI SO	Ant1	2412	17.640	2403.160	2420.800	0.5	PASS
	Ant2	2412	17.680	2403.160	2420.840	0.5	PASS
	Ant1	2437	17.640	2428.160	2445.800	0.5	PASS
	Ant2	2437	17.640	2428.160	2445.800	0.5	PASS
	Ant1	2462	17.640	2453.160	2470.800	0.5	PASS
	Ant2	2462	17.280	2453.160	2470.440	0.5	PASS
11N40SI SO	Ant1	2422	36.480	2403.760	2440.240	0.5	PASS
	Ant2	2422	36.480	2403.760	2440.240	0.5	PASS
	Ant1	2437	36.000	2419.000	2455.000	0.5	PASS
	Ant2	2437	36.480	2418.760	2455.240	0.5	PASS
	Ant1	2452	35.840	2433.760	2469.600	0.5	PASS
	Ant2	2452	36.160	2433.760	2469.920	0.5	PASS

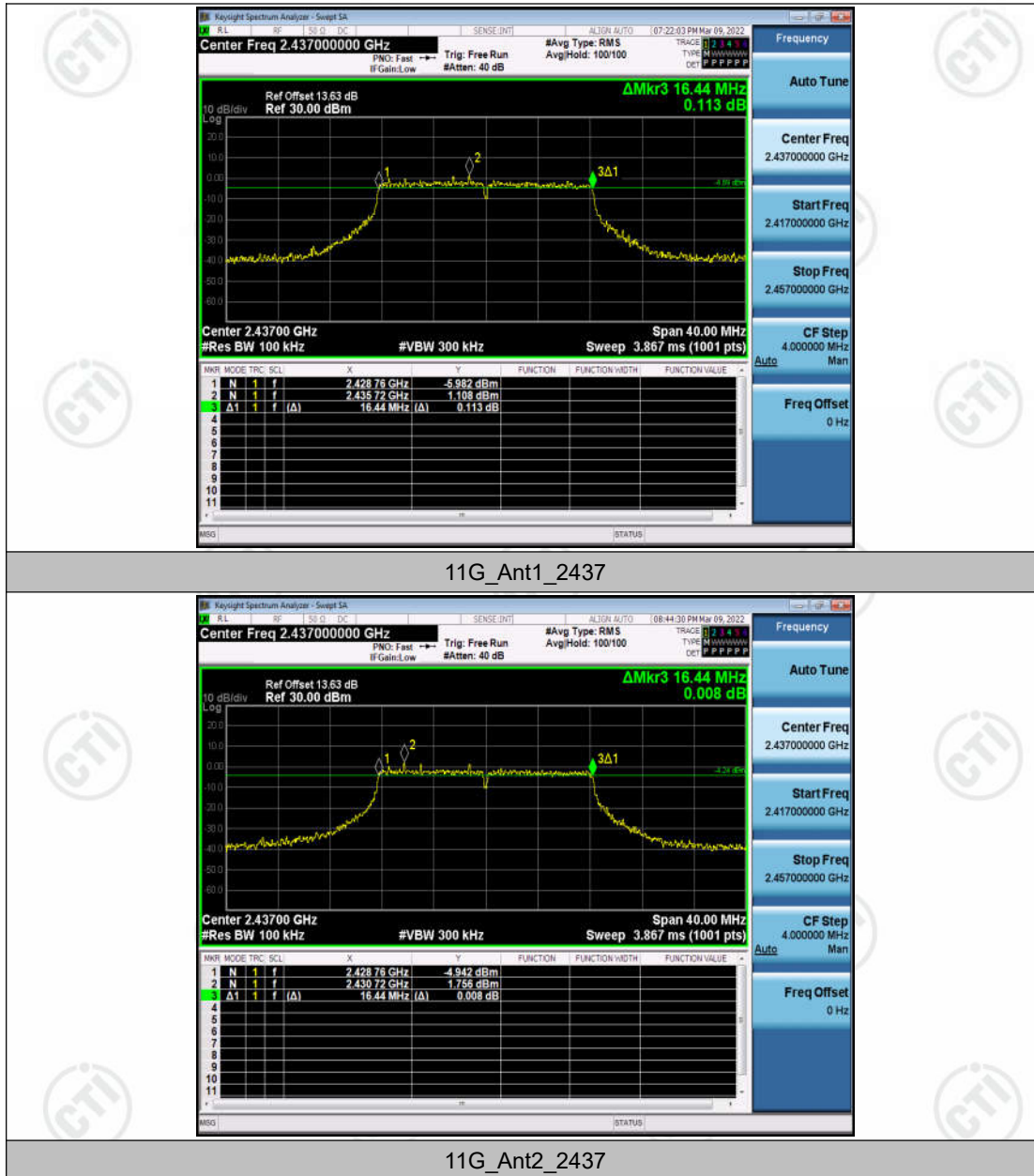
Test Graphs

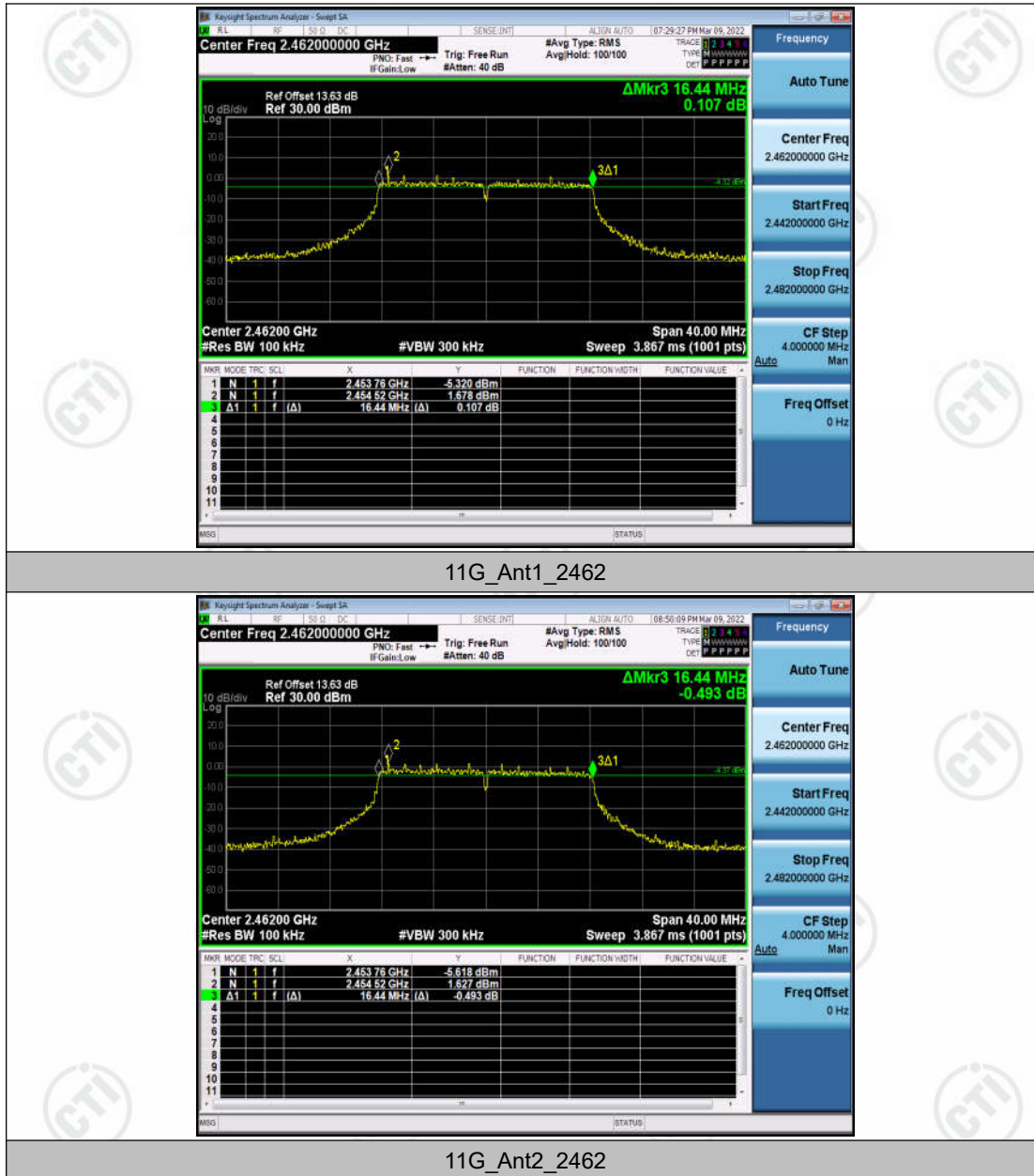


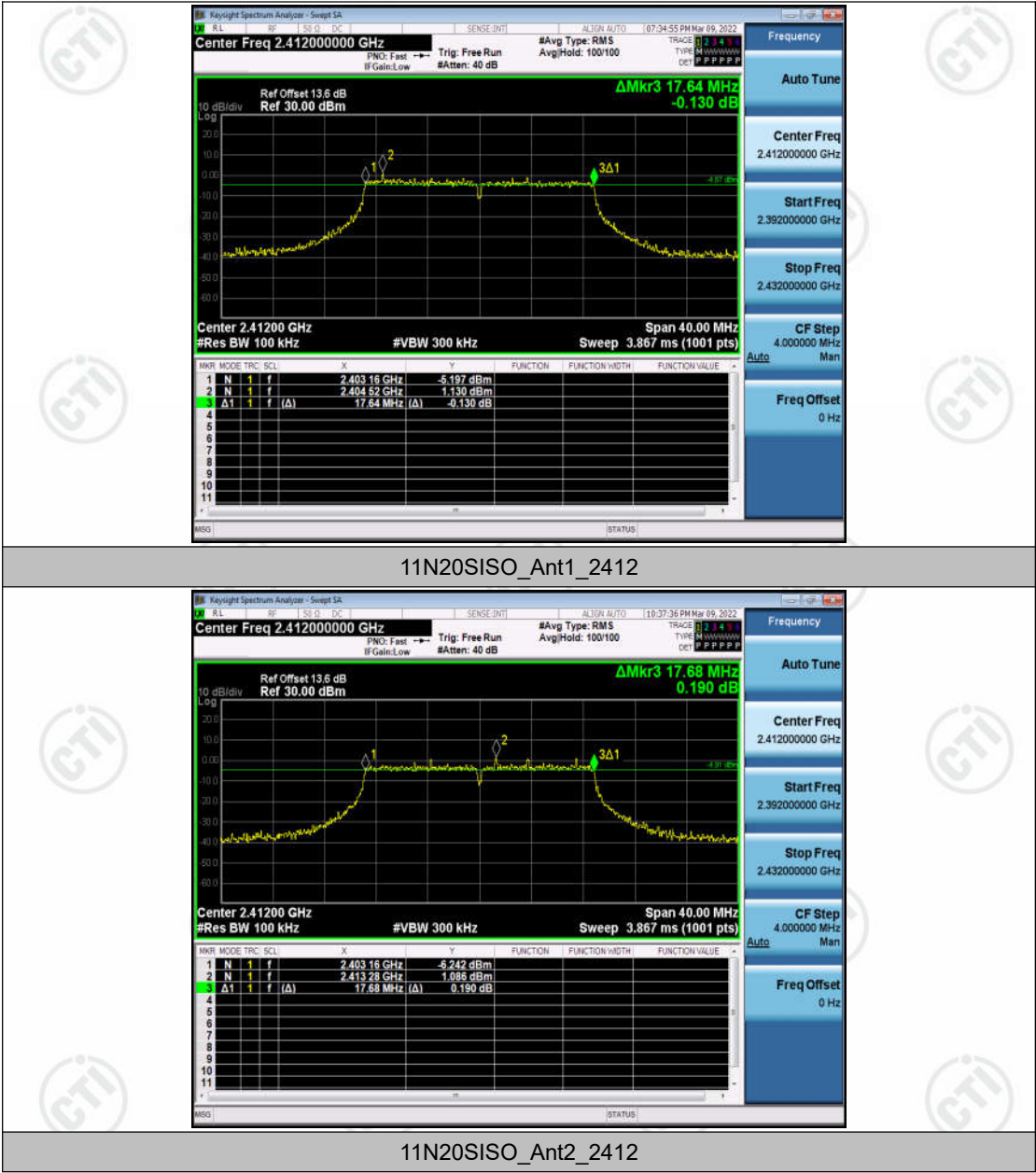


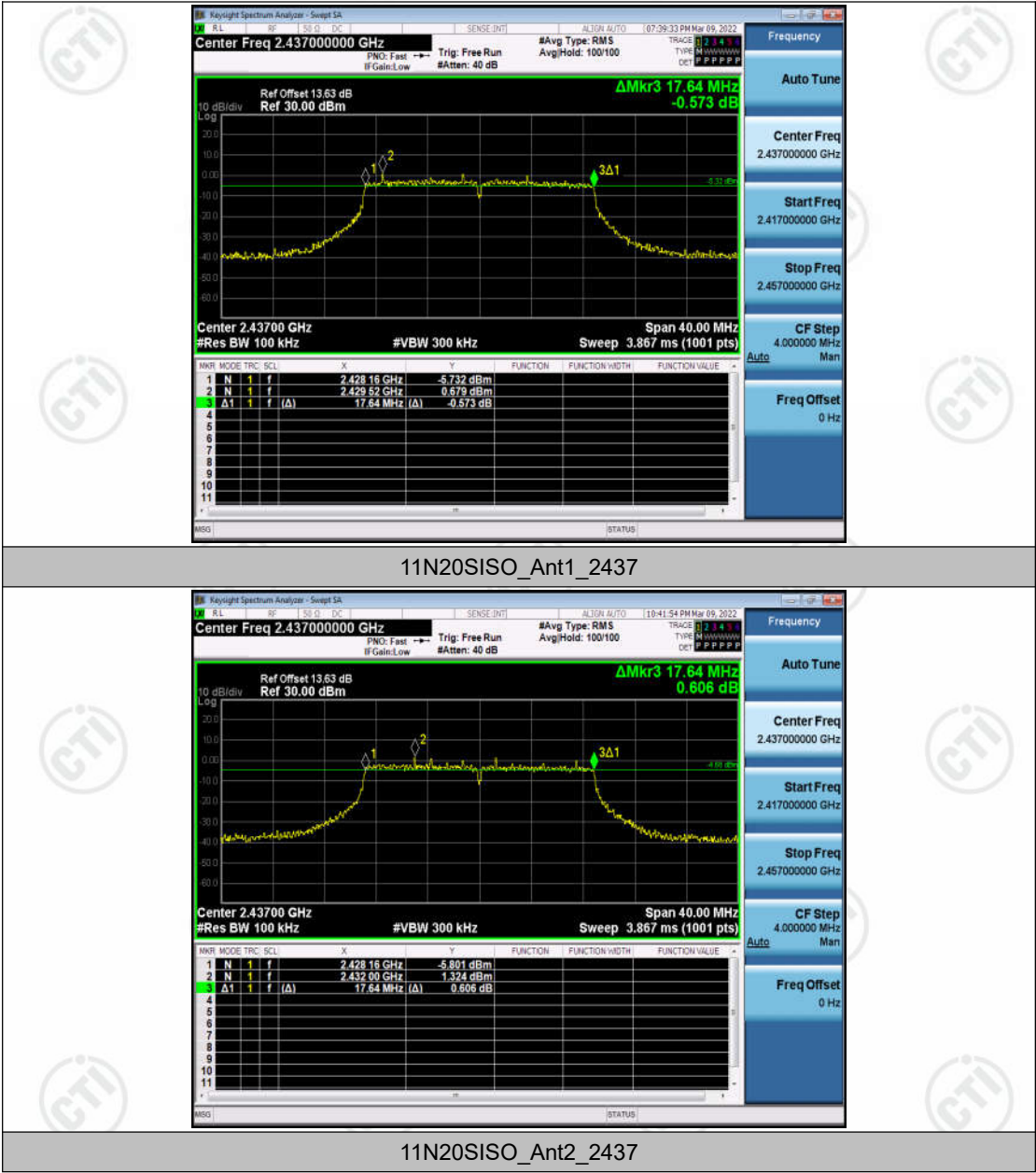


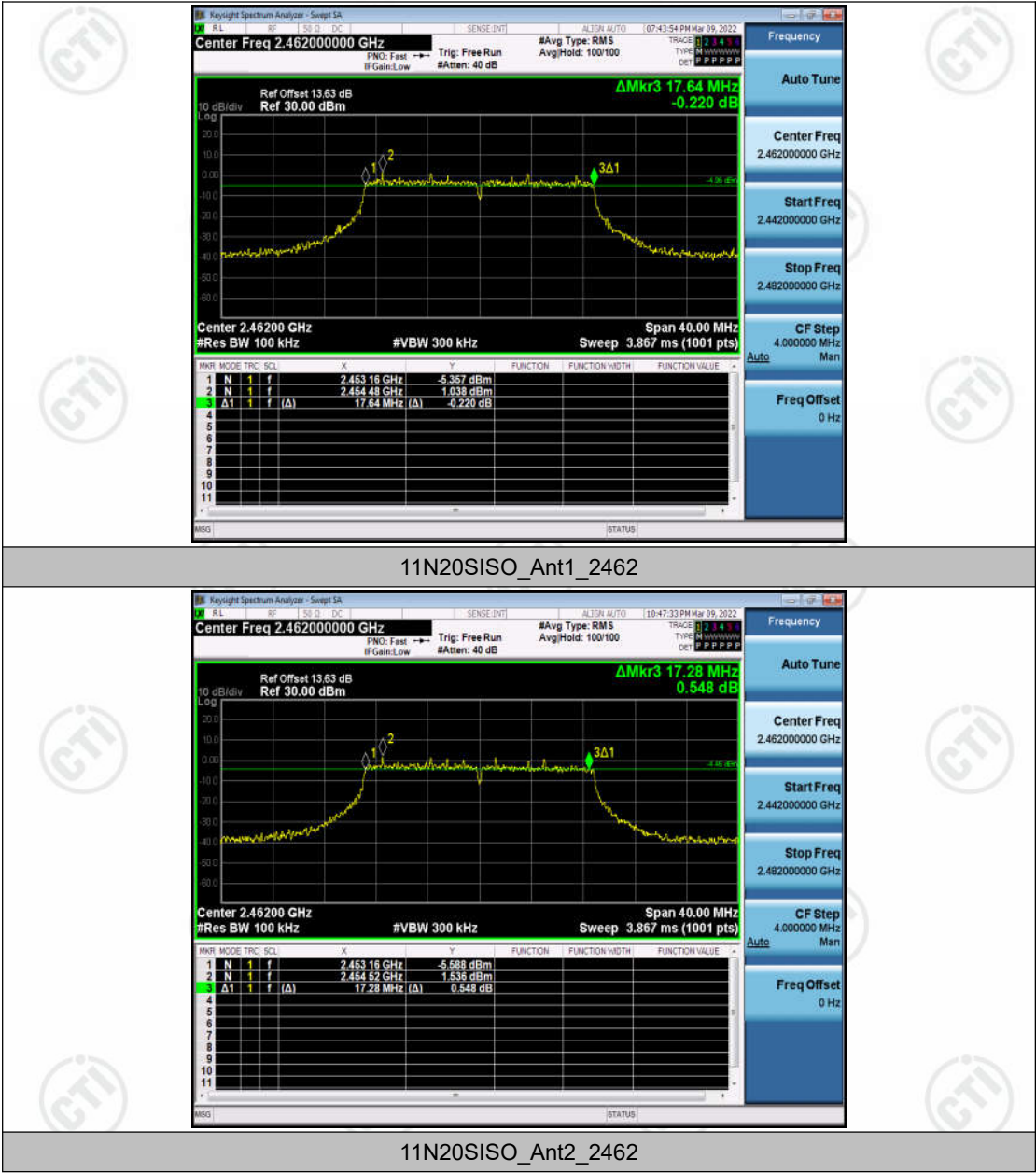


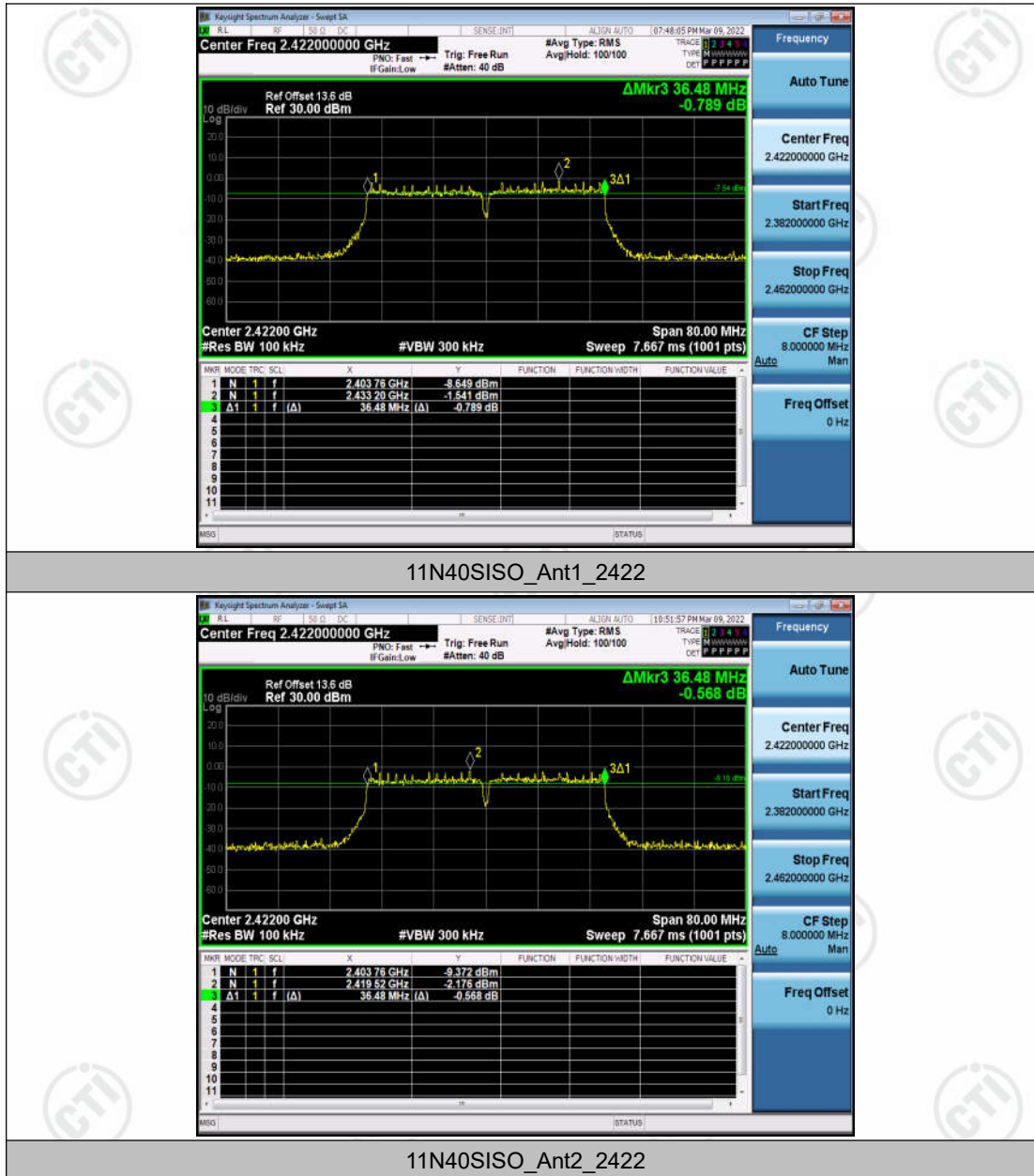


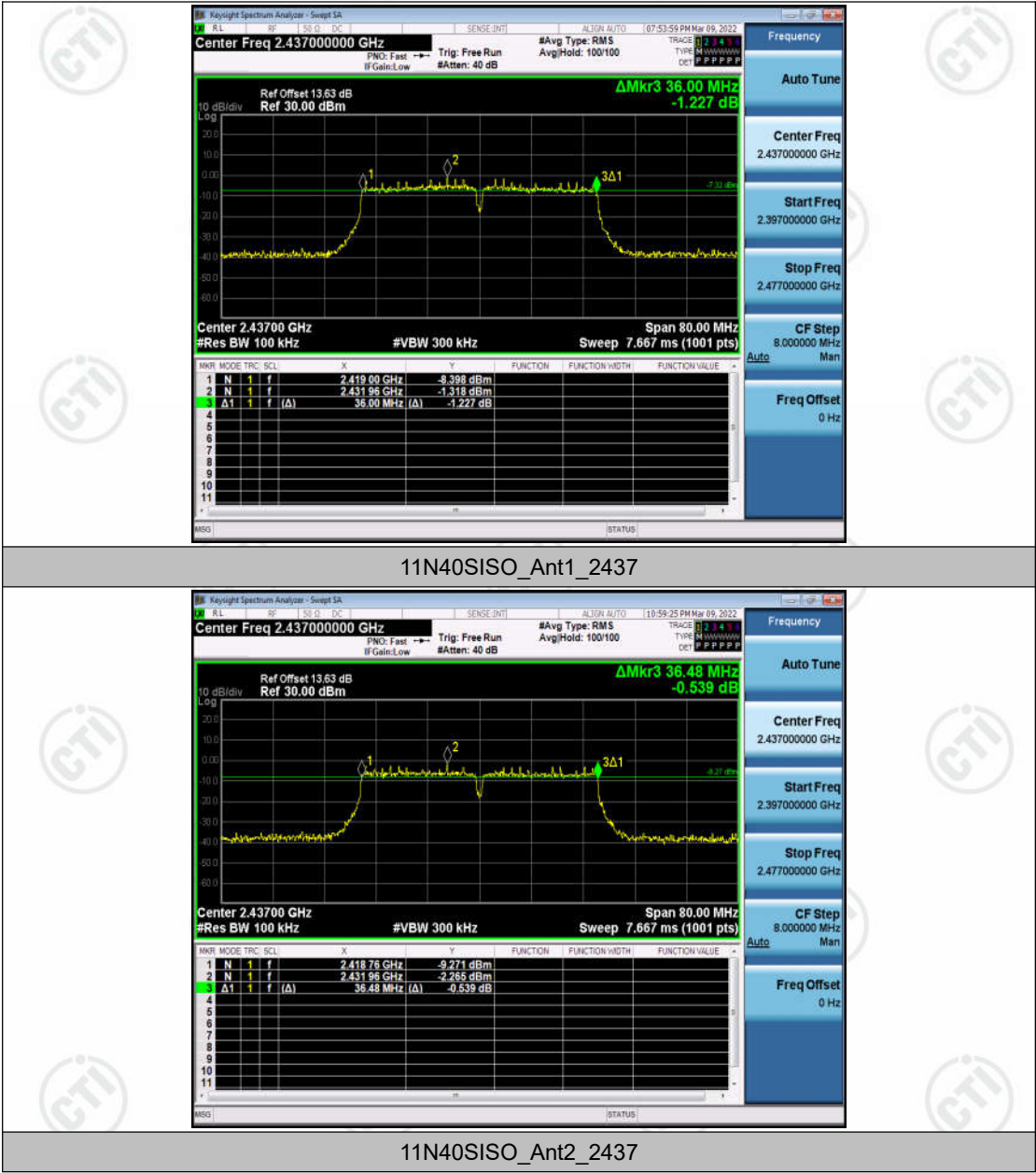


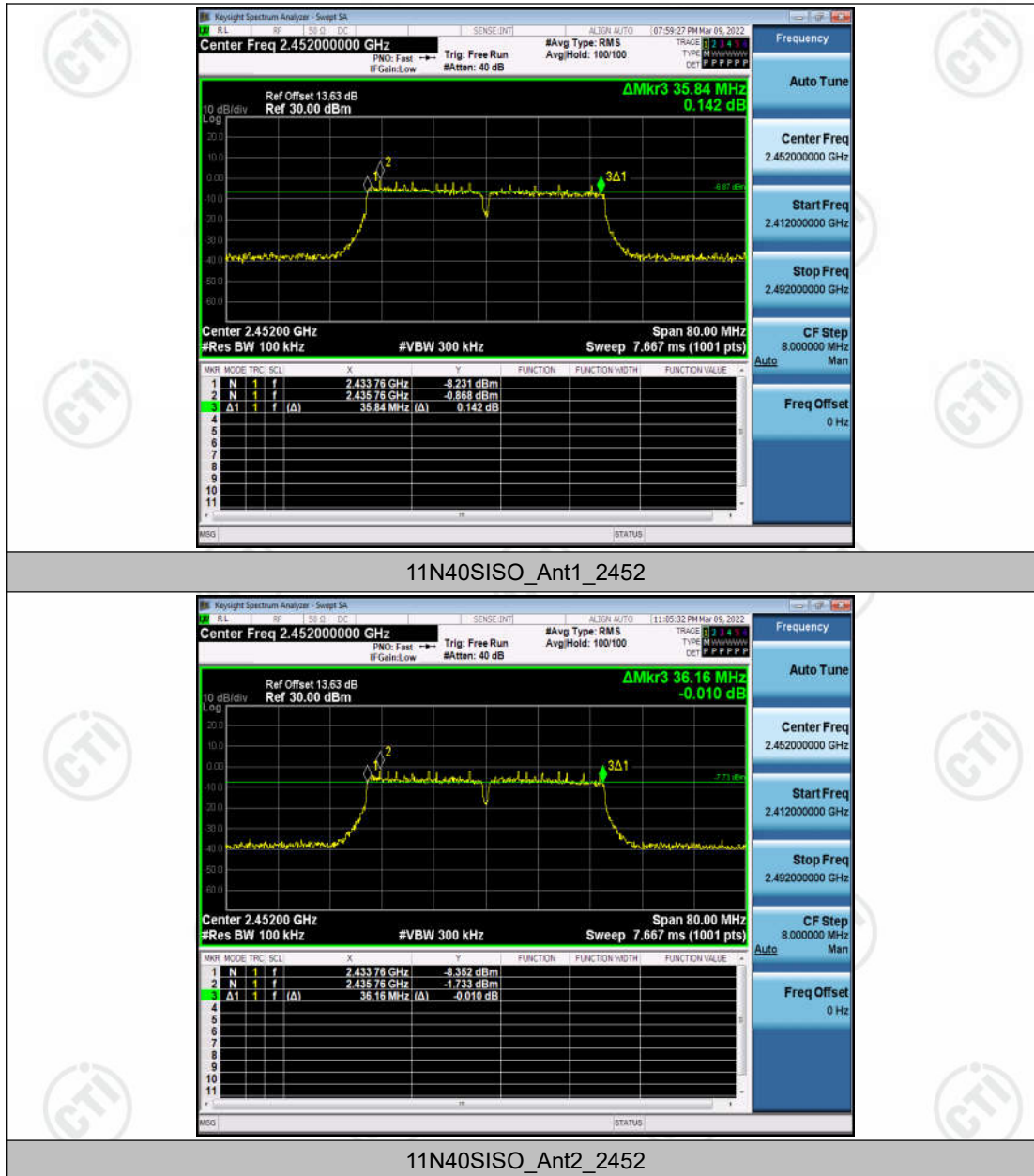










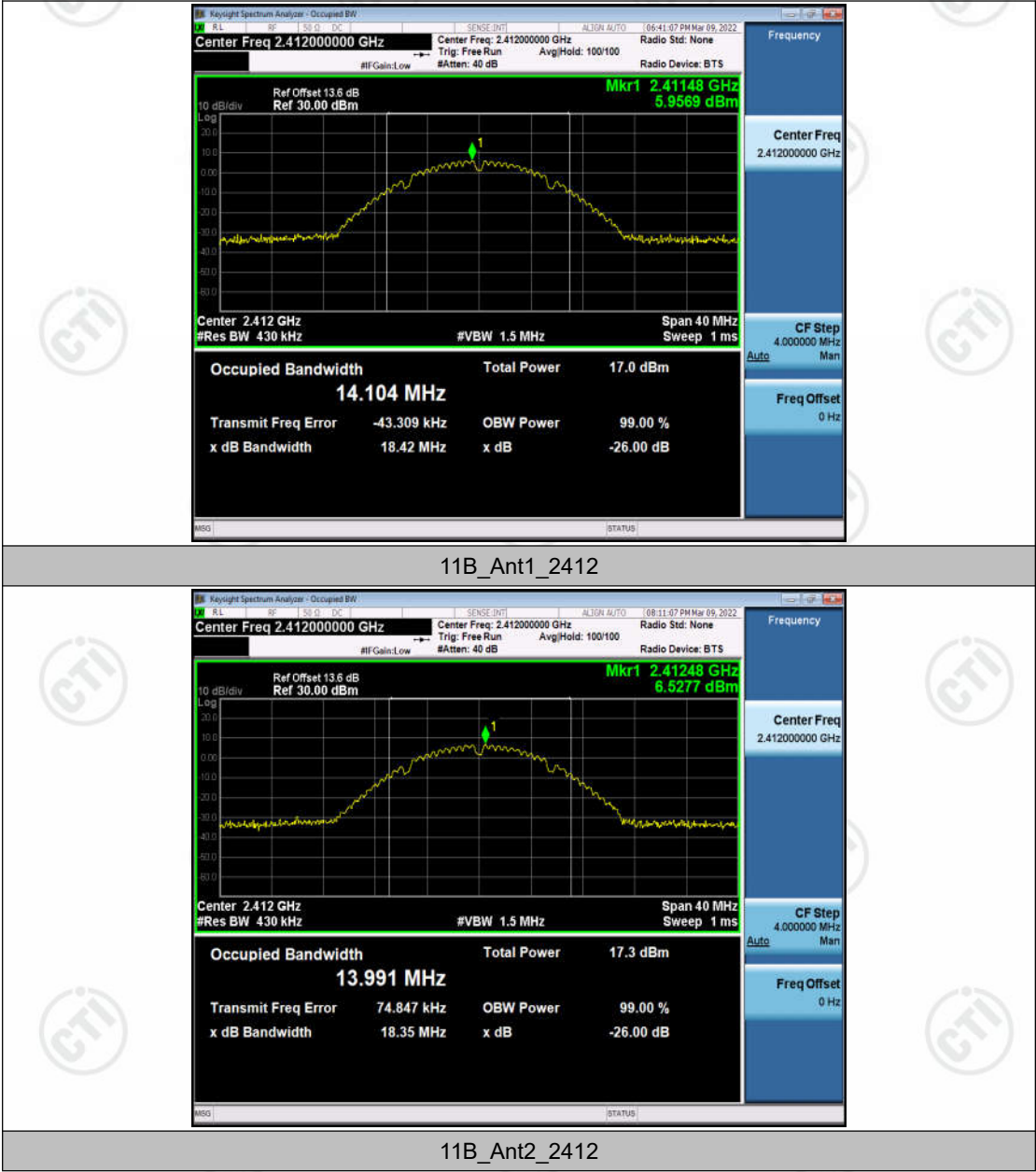


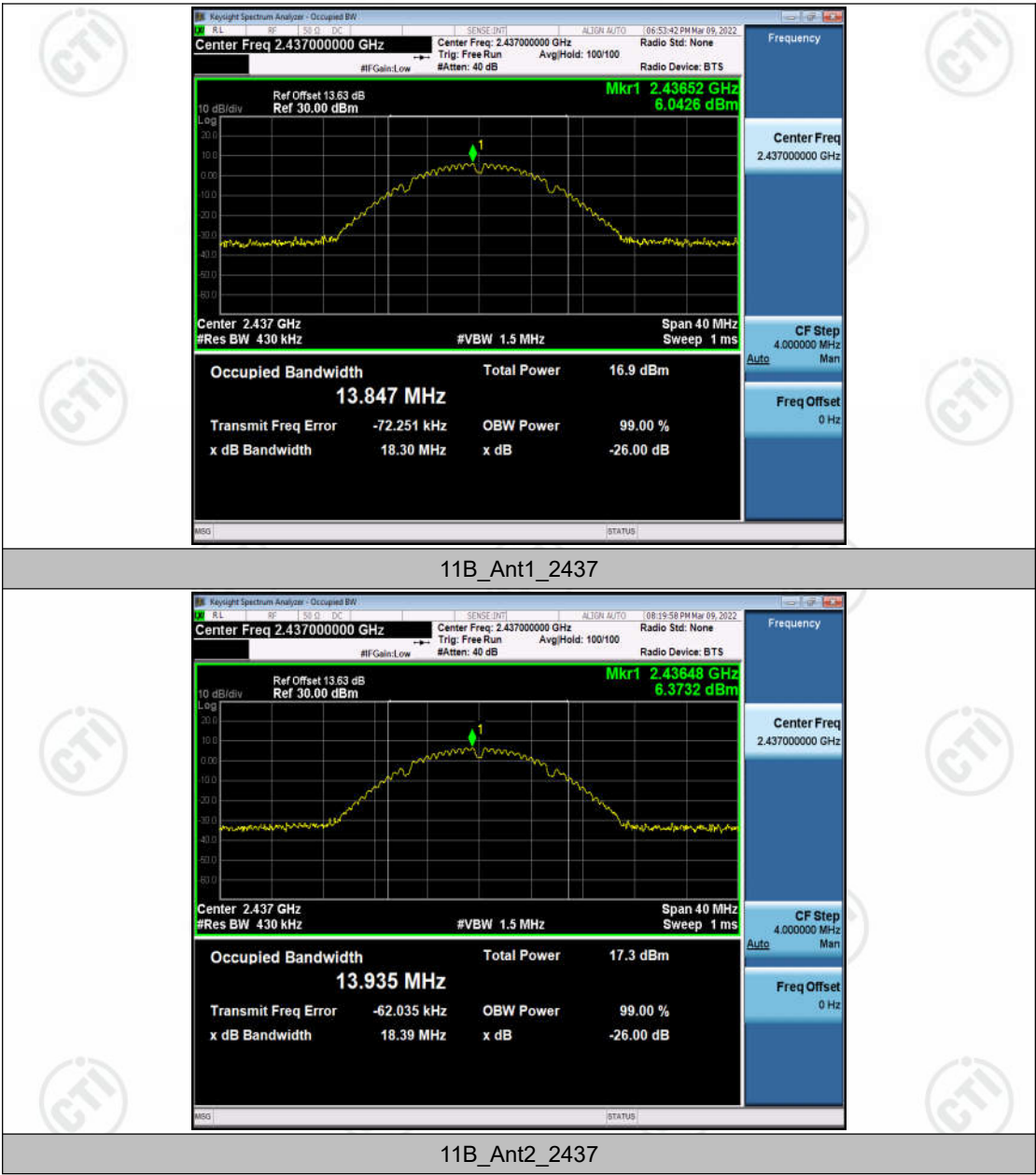
Appendix B: Occupied Channel Bandwidth

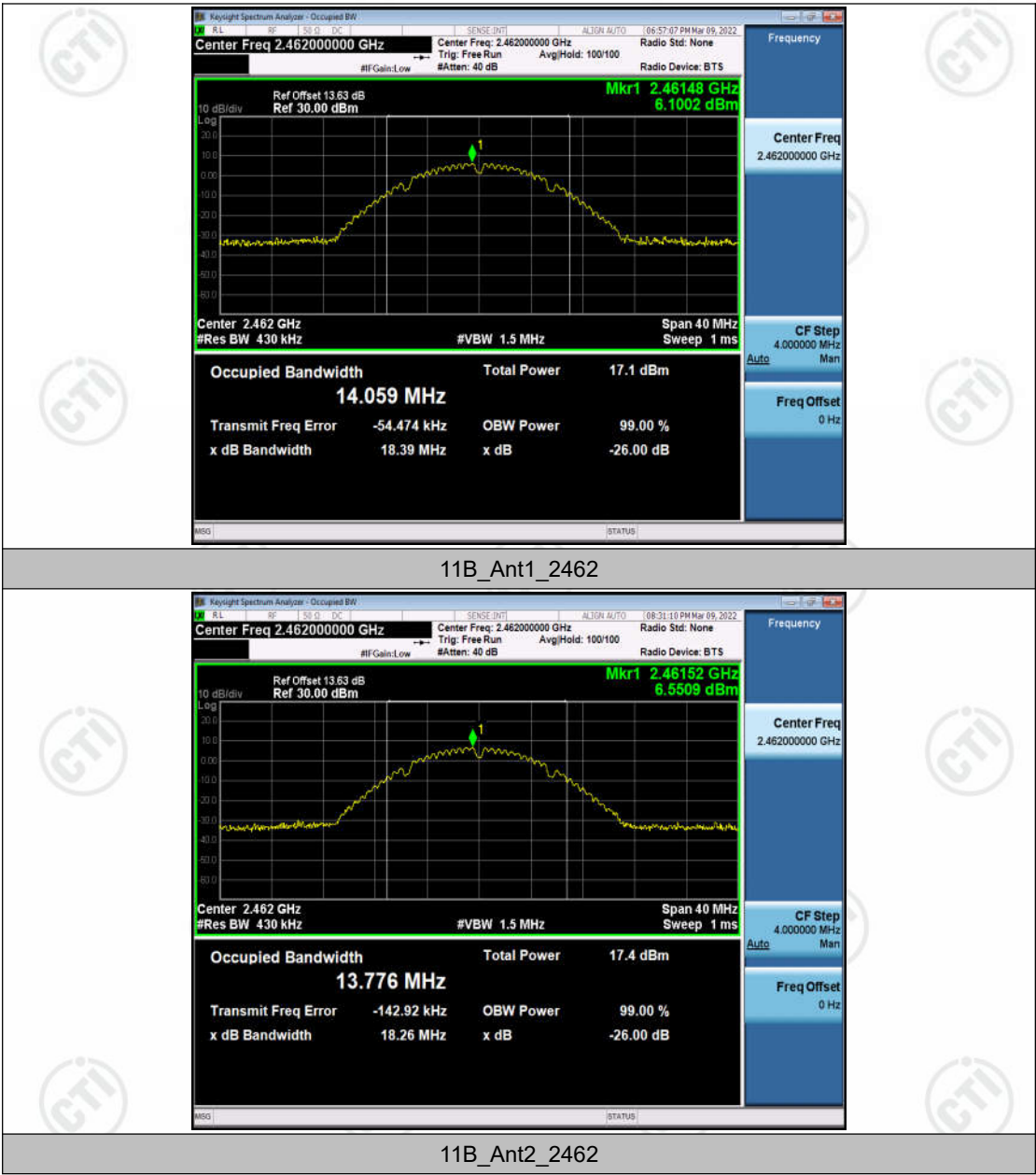
Test Result

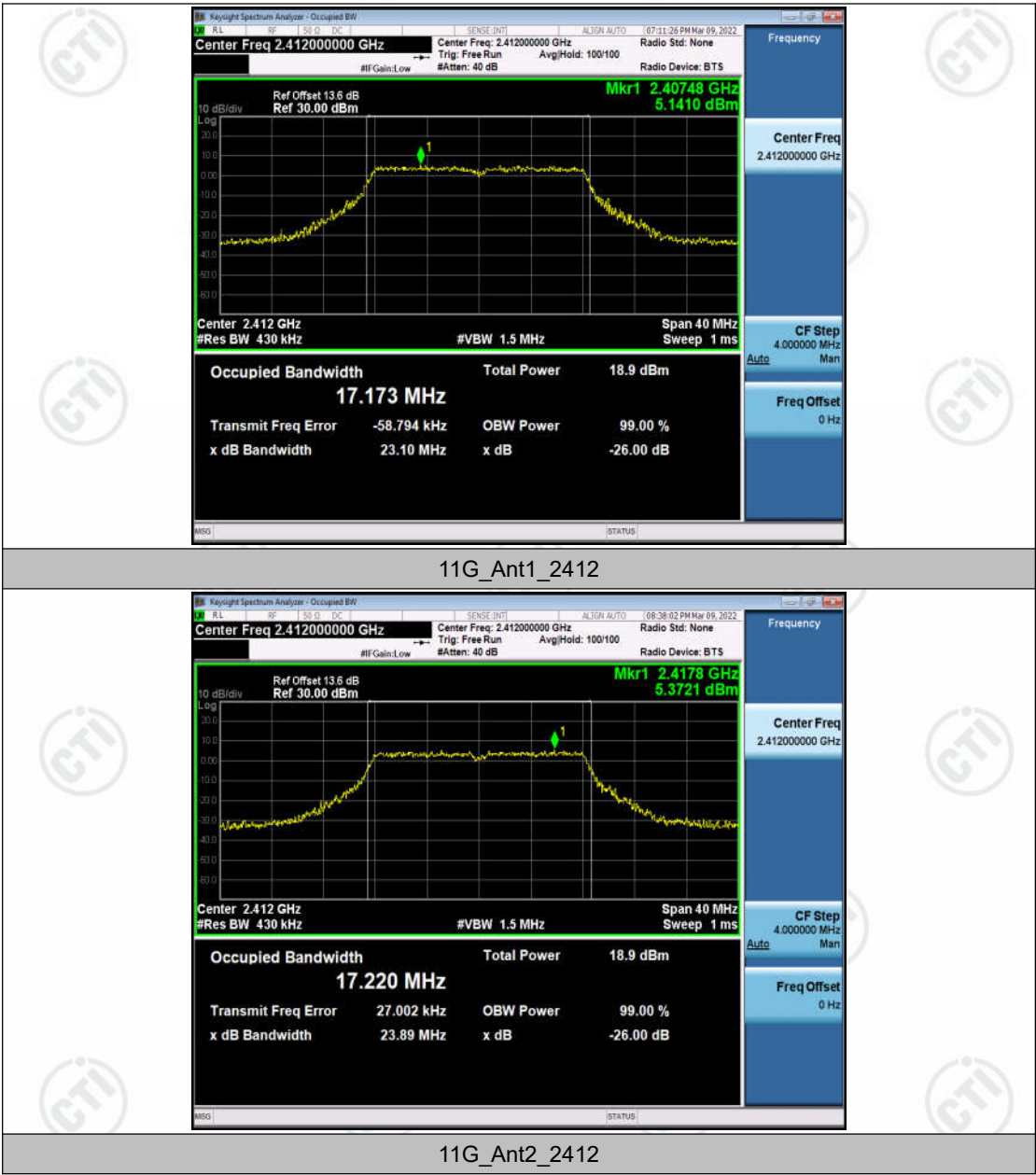
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.104	2404.905	2419.009	---	PASS
	Ant2	2412	13.991	2405.079	2419.070	---	PASS
	Ant1	2437	13.847	2430.004	2443.851	---	PASS
	Ant2	2437	13.935	2429.970	2443.905	---	PASS
	Ant1	2462	14.059	2454.916	2468.975	---	PASS
	Ant2	2462	13.776	2454.969	2468.745	---	PASS
11G	Ant1	2412	17.173	2403.355	2420.528	---	PASS
	Ant2	2412	17.220	2403.417	2420.637	---	PASS
	Ant1	2437	17.053	2428.438	2445.491	---	PASS
	Ant2	2437	17.133	2428.350	2445.483	---	PASS
	Ant1	2462	17.171	2453.334	2470.505	---	PASS
	Ant2	2462	17.132	2453.387	2470.519	---	PASS
11N20SI SO	Ant1	2412	18.420	2402.698	2421.118	---	PASS
	Ant2	2412	18.319	2402.859	2421.178	---	PASS
	Ant1	2437	18.162	2427.904	2446.066	---	PASS
	Ant2	2437	18.249	2427.821	2446.070	---	PASS
	Ant1	2462	18.316	2452.789	2471.105	---	PASS
	Ant2	2462	18.234	2452.825	2471.059	---	PASS
11N40SI SO	Ant1	2422	36.943	2403.518	2440.461	---	PASS
	Ant2	2422	36.785	2403.697	2440.482	---	PASS
	Ant1	2437	36.619	2418.667	2455.286	---	PASS
	Ant2	2437	36.794	2418.524	2455.318	---	PASS
	Ant1	2452	36.928	2433.369	2470.297	---	PASS
	Ant2	2452	36.736	2433.510	2470.246	---	PASS

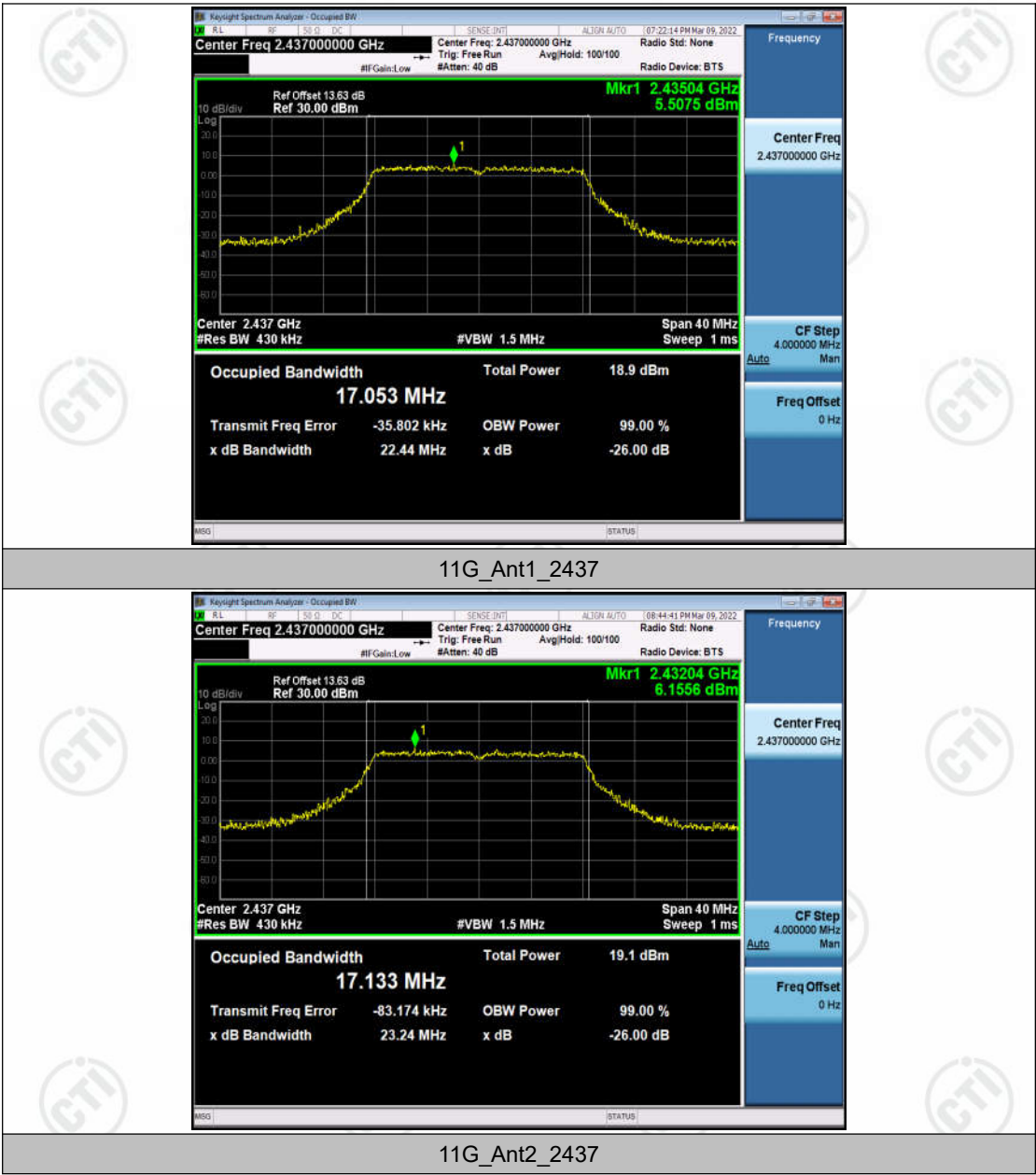
Test Graphs

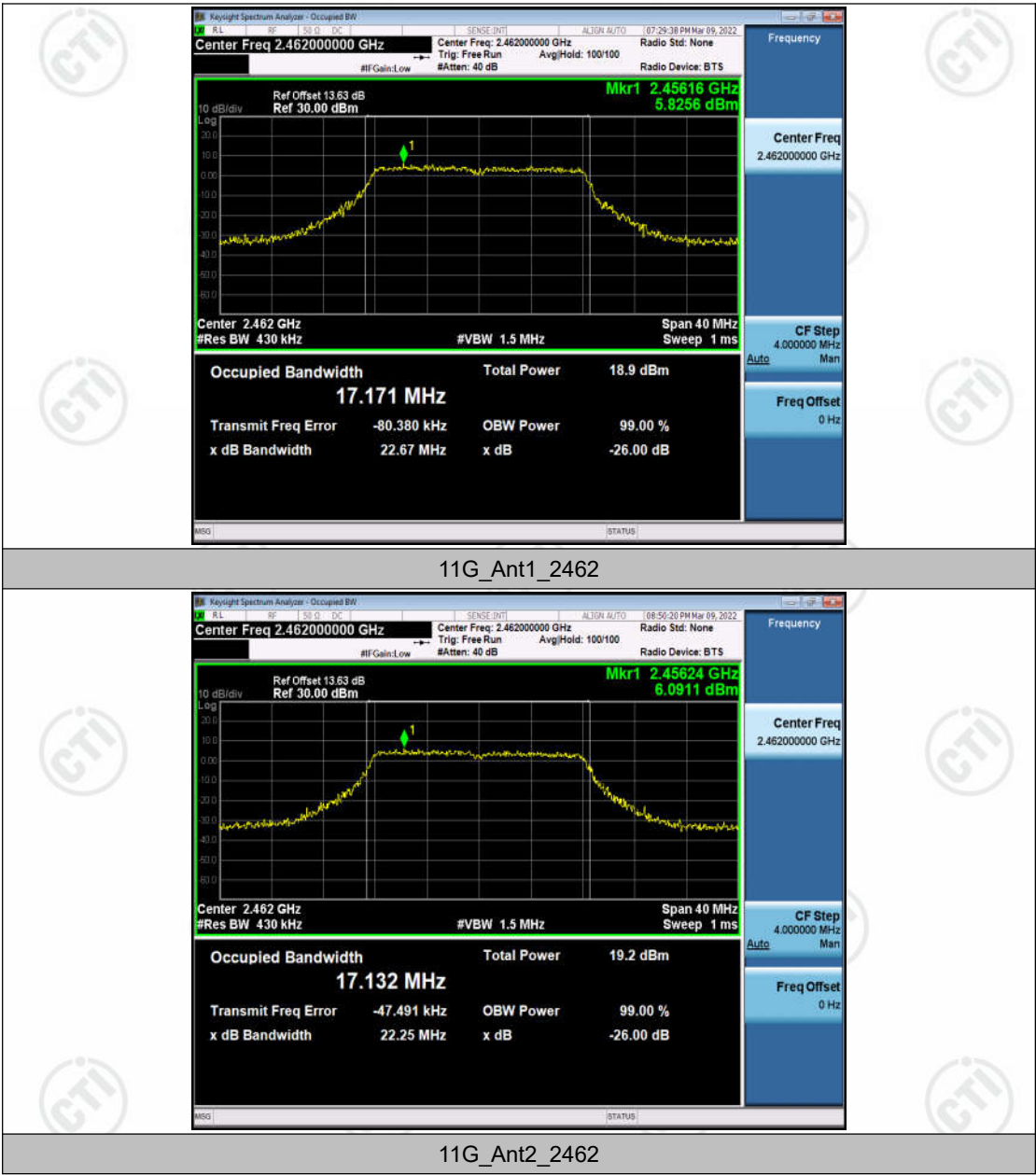


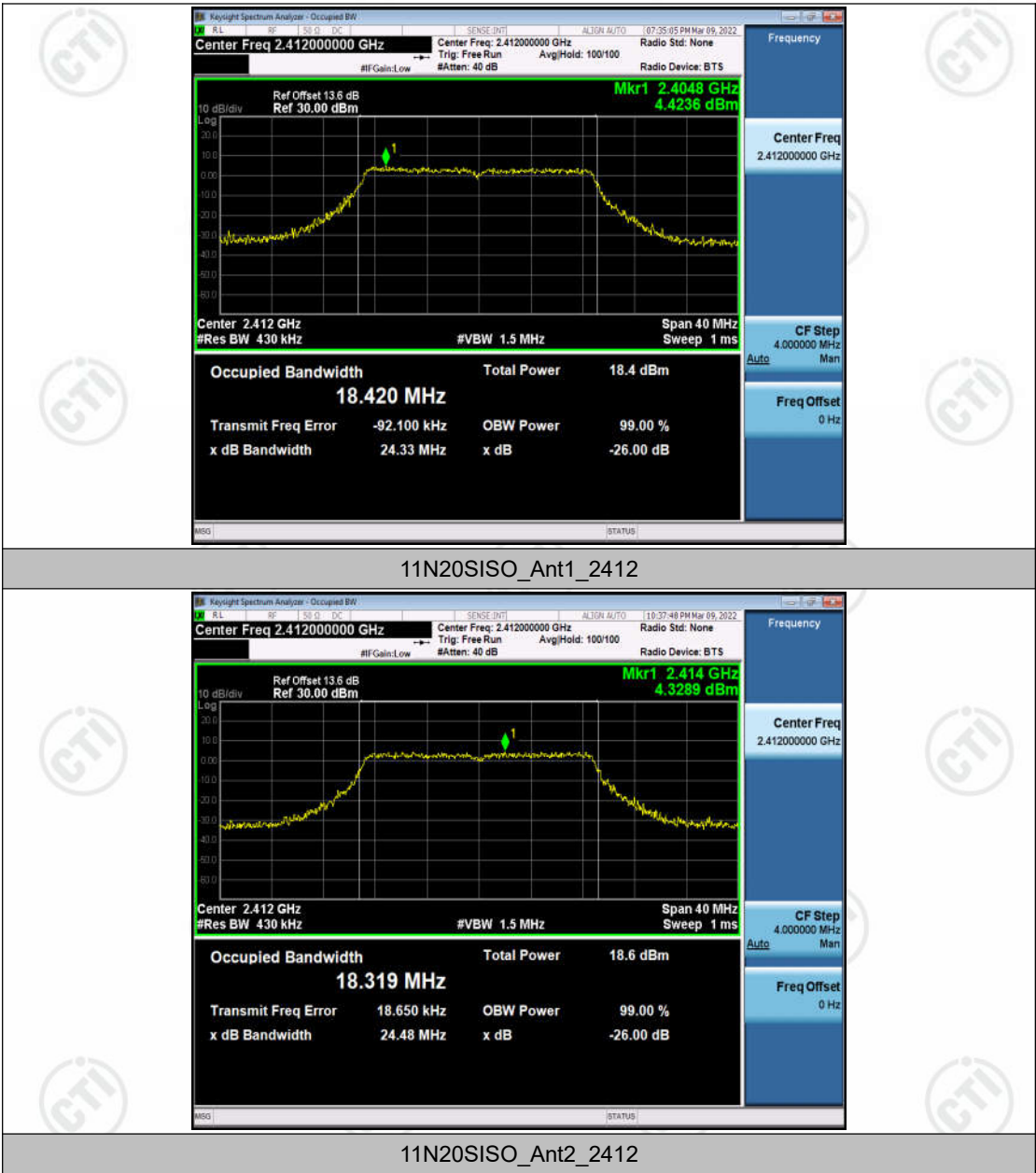


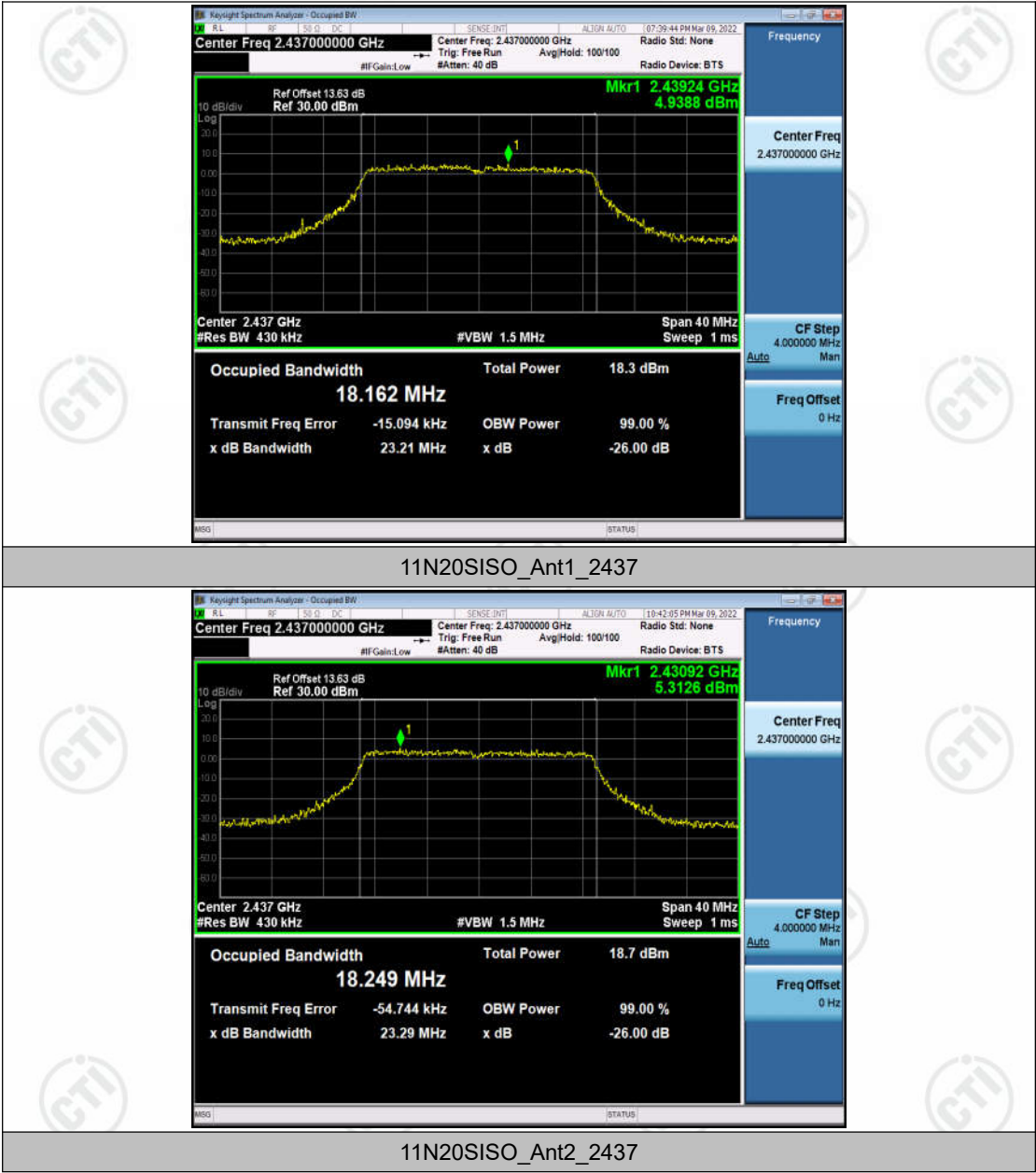


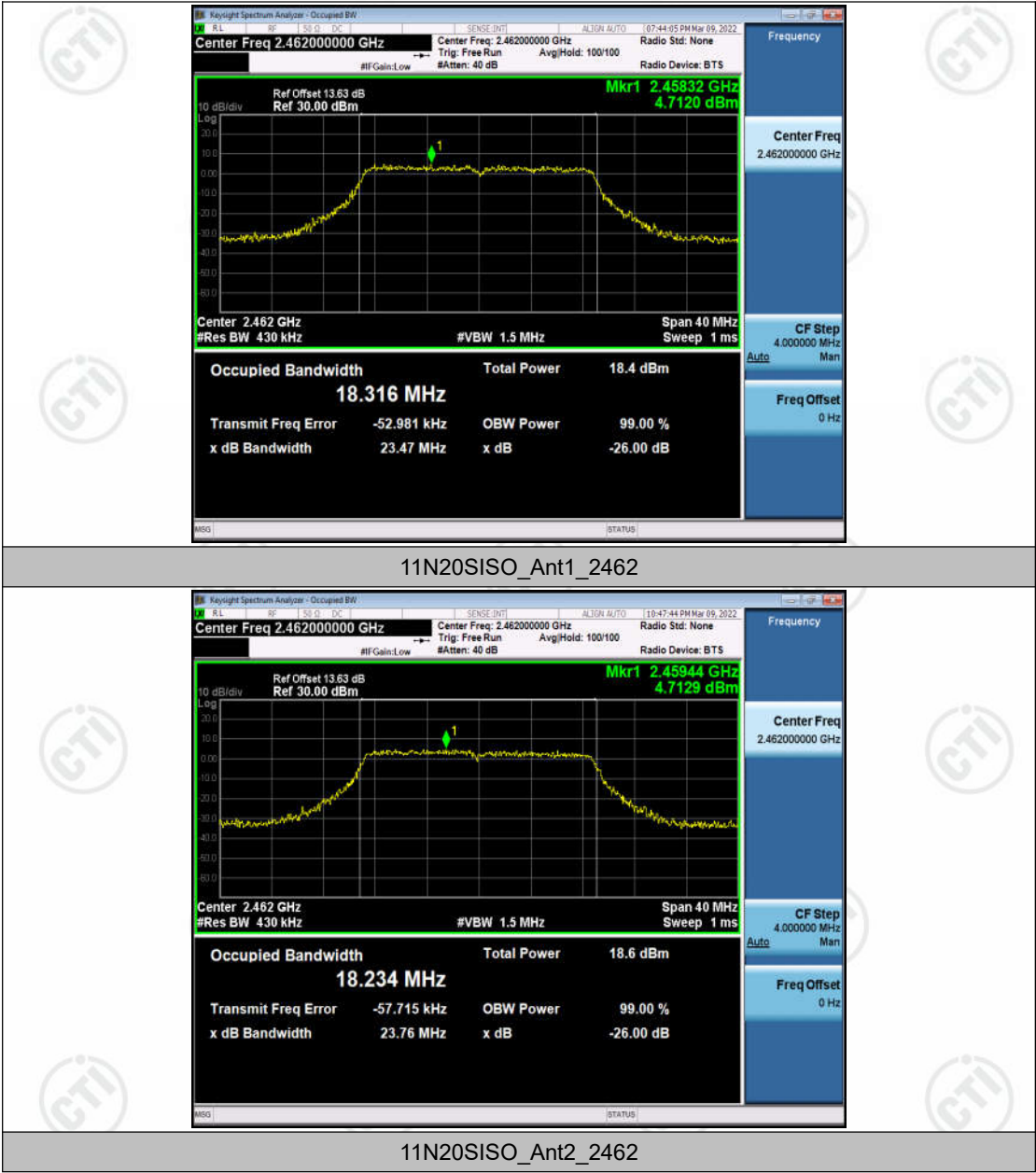


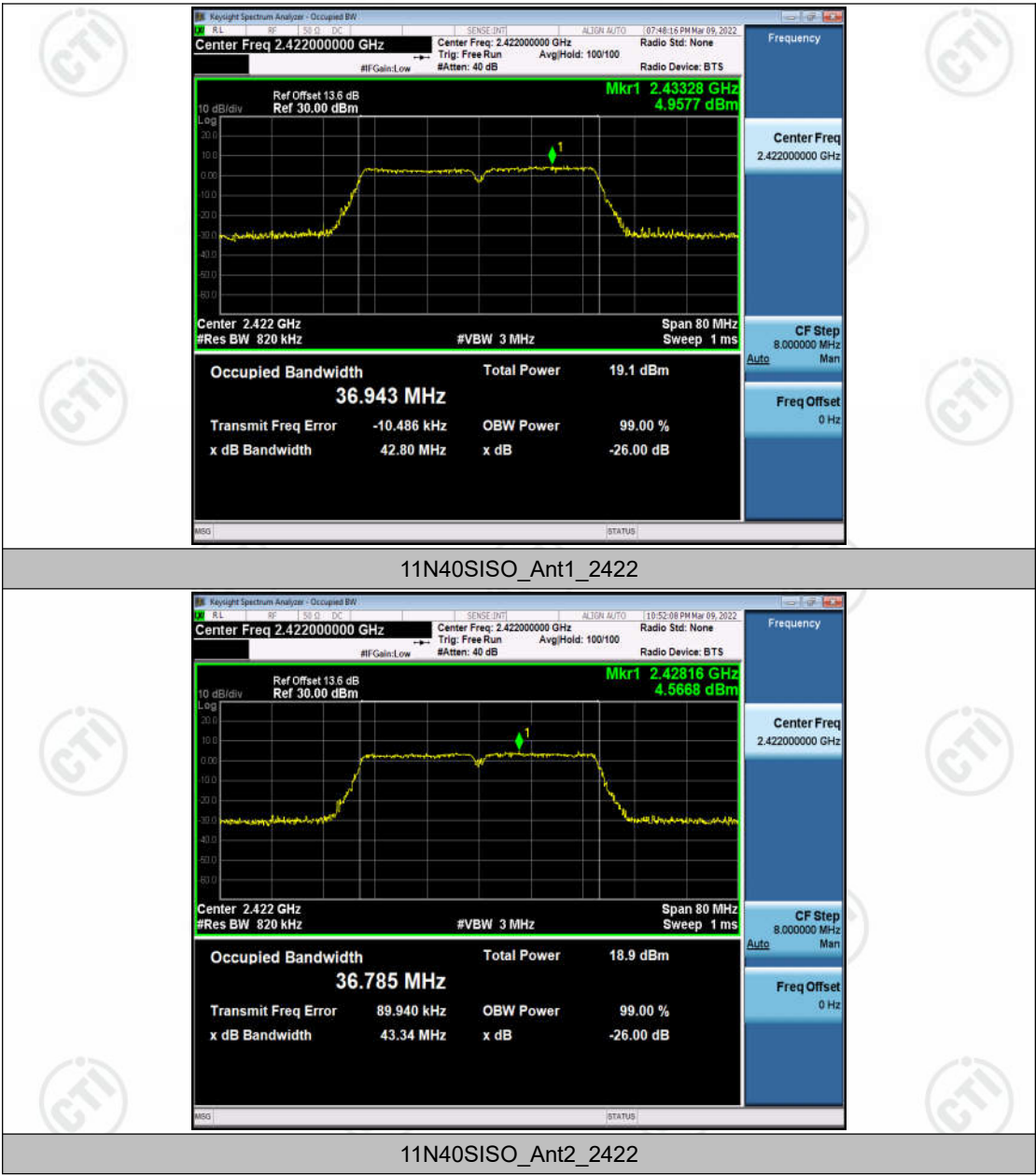


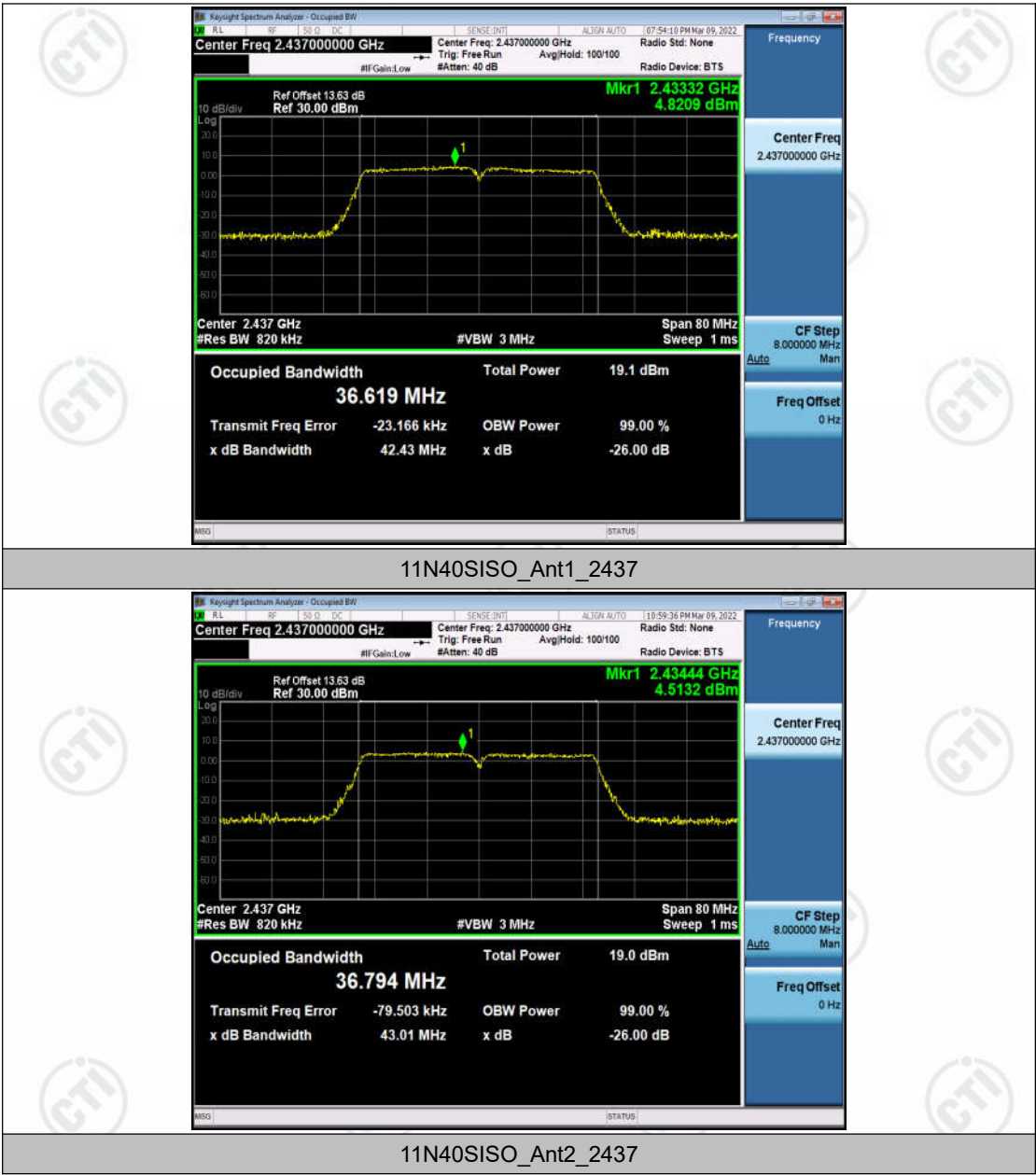


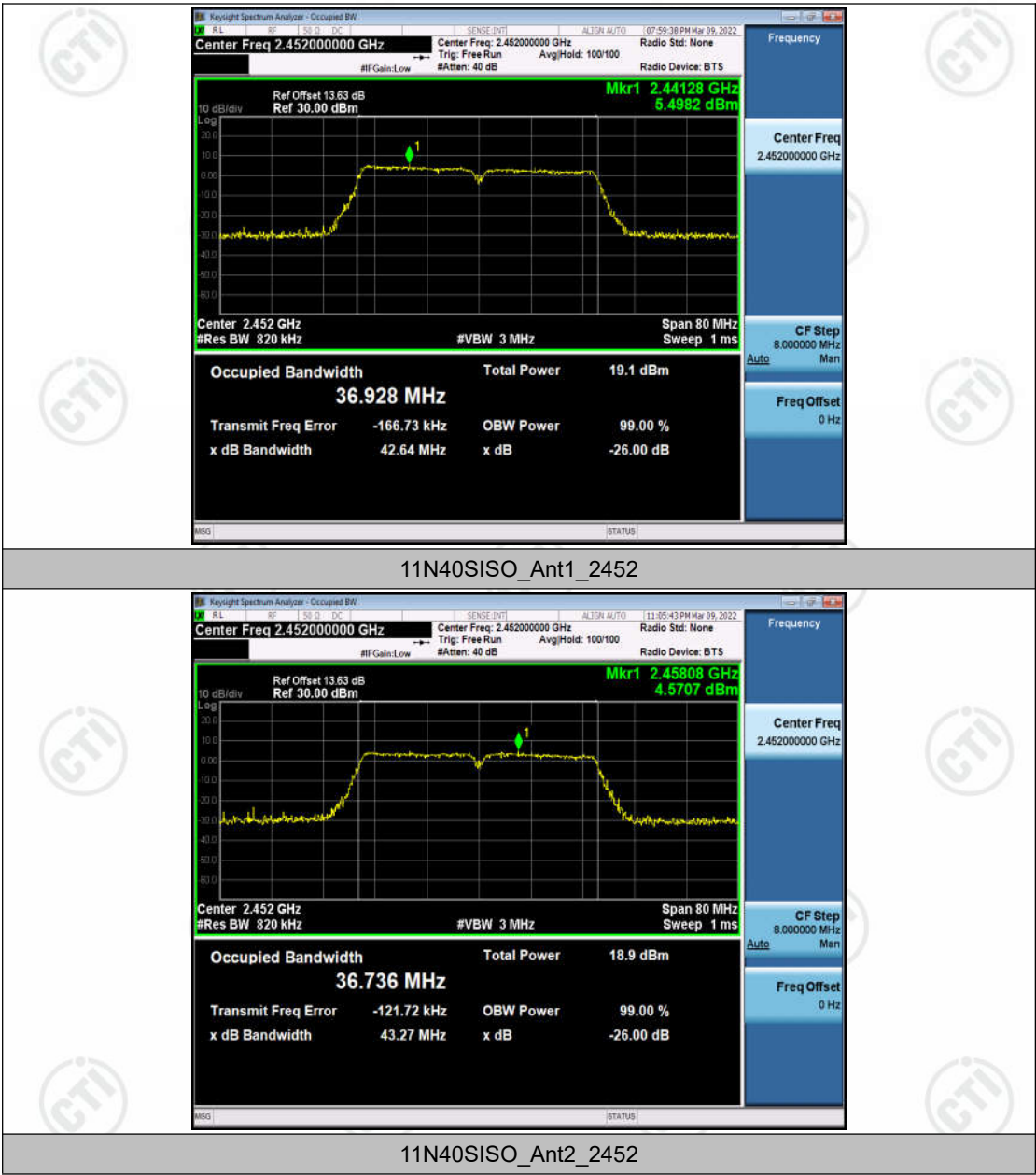












Appendix C: Maximum peak conducted output power

Test Result

TestMode	Antenna	Channel	Power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	12.52	<=30	PASS
	Ant2	2412	13.09	<=30	PASS
	Ant1	2437	12.54	<=30	PASS
	Ant2	2437	13.17	<=30	PASS
	Ant1	2462	12.62	<=30	PASS
	Ant2	2462	13.18	<=30	PASS
11G	Ant1	2412	11.18	<=30	PASS
	Ant2	2412	11.14	<=30	PASS
	Ant1	2437	11.09	<=30	PASS
	Ant2	2437	11.65	<=30	PASS
	Ant1	2462	11.18	<=30	PASS
	Ant2	2462	11.27	<=30	PASS
11N20SISO	Ant1	2412	11.23	<=30	PASS
	Ant2	2412	11.64	<=30	PASS
	Ant1	2437	11.06	<=30	PASS
	Ant2	2437	11.68	<=30	PASS
	Ant1	2462	11.20	<=30	PASS
	Ant2	2462	11.29	<=30	PASS
11N40SISO	Ant1	2422	11.15	<=30	PASS
	Ant2	2422	11.24	<=30	PASS
	Ant1	2437	11.22	<=30	PASS
	Ant2	2437	11.80	<=30	PASS
	Ant1	2452	11.13	<=30	PASS
	Ant2	2452	11.17	<=30	PASS
11N20MIMO	Ant1	2412	8.20	<=30	PASS
	Ant2	2412	8.27	<=30	PASS
	total	2412	11.2	<=30	PASS
	Ant1	2437	9.03	<=30	PASS
	Ant2	2437	7.83	<=30	PASS
	total	2437	11.5	<=30	PASS
	Ant1	2462	8.21	<=30	PASS
	Ant2	2462	8.00	<=30	PASS
	total	2462	11.1	<=30	PASS

11N40MIM O	Ant1	2422	8.21	<=30	PASS
	Ant2	2422	7.93	<=30	PASS
	total	2422	11.1	<=30	PASS
	Ant1	2437	9.18	<=30	PASS
	Ant2	2437	8.04	<=30	PASS
	total	2437	11.7	<=30	PASS
	Ant1	2452	8.27	<=30	PASS
	Ant2	2452	8.14	<=30	PASS
	total	2452	11.2	<=30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.63	<=8	PASS
	Ant2	2412	-17.15	<=8	PASS
	Ant1	2437	-17.22	<=8	PASS
	Ant2	2437	-17.13	<=8	PASS
	Ant1	2462	-16.85	<=8	PASS
	Ant2	2462	-17.12	<=8	PASS
11G	Ant1	2412	-21.31	<=8	PASS
	Ant2	2412	-21.78	<=8	PASS
	Ant1	2437	-21.92	<=8	PASS
	Ant2	2437	-21.03	<=8	PASS
	Ant1	2462	-21.43	<=8	PASS
	Ant2	2462	-21.06	<=8	PASS
11N20SISO	Ant1	2412	-22.23	<=8	PASS
	Ant2	2412	-21.39	<=8	PASS
	Ant1	2437	-22.34	<=8	PASS
	Ant2	2437	-21.45	<=8	PASS
	Ant1	2462	-21.75	<=8	PASS
	Ant2	2462	-21.4	<=8	PASS
11N40SISO	Ant1	2422	-23.87	<=8	PASS
	Ant2	2422	-24.08	<=8	PASS
	Ant1	2437	-23.82	<=8	PASS
	Ant2	2437	-23.57	<=8	PASS
	Ant1	2452	-24.01	<=8	PASS
	Ant2	2452	-24.46	<=8	PASS
11N20MIMO	Ant1	2412	-24.31	<=8	PASS
	Ant2	2412	-24.78	<=8	PASS
	total	2412	-21.53	<=8	PASS
	Ant1	2437	-23.74	<=8	PASS
	Ant2	2437	-25.54	<=8	PASS
	total	2437	-21.54	<=8	PASS
	Ant1	2462	-24.93	<=8	PASS
	Ant2	2462	-25.05	<=8	PASS
	total	2462	-21.98	<=8	PASS
11N40MIMO	Ant1	2422	-23.66	<=8	PASS
	Ant2	2422	-27.46	<=8	PASS

	total	2422	-22.15	<=8	PASS
	Ant1	2437	-23.09	<=8	PASS
	Ant2	2437	-27.76	<=8	PASS
	total	2437	-21.82	<=8	PASS
	Ant1	2452	-24.18	<=8	PASS
	Ant2	2452	-28.72	<=8	PASS
	total	2452	-22.87	<=8	PASS

Test Graphs

