



# Appendix for Test report

## Appendix A: DTS Bandwidth

### Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.640	2407.440	2416.080	---	PASS
		2437	8.160	2432.960	2441.120	---	PASS
		2462	8.160	2457.920	2466.080	---	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	---	PASS
		2417	16.440	2408.800	2425.240	---	PASS
		2437	16.440	2428.800	2445.240	---	PASS
		2457	16.440	2448.800	2465.240	---	PASS
		2462	16.440	2453.800	2470.240	---	PASS
11N20SISO	Ant1	2412	17.640	2403.200	2420.840	---	PASS
		2417	17.680	2408.160	2425.840	---	PASS
		2437	17.640	2428.200	2445.840	---	PASS
		2457	17.640	2448.200	2465.840	---	PASS
		2462	17.640	2453.200	2470.840	---	PASS
11N40SISO	Ant1	2422	35.280	2404.000	2439.280	---	PASS
		2427	35.840	2409.000	2444.840	---	PASS
		2437	35.280	2419.560	2454.840	---	PASS
		2447	35.280	2429.400	2464.680	---	PASS
		2452	34.000	2435.600	2469.600	---	PASS

### Test Graphs

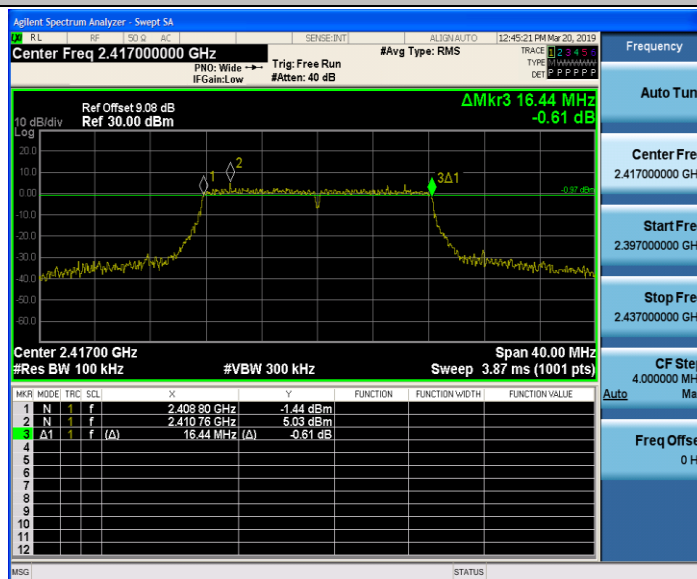


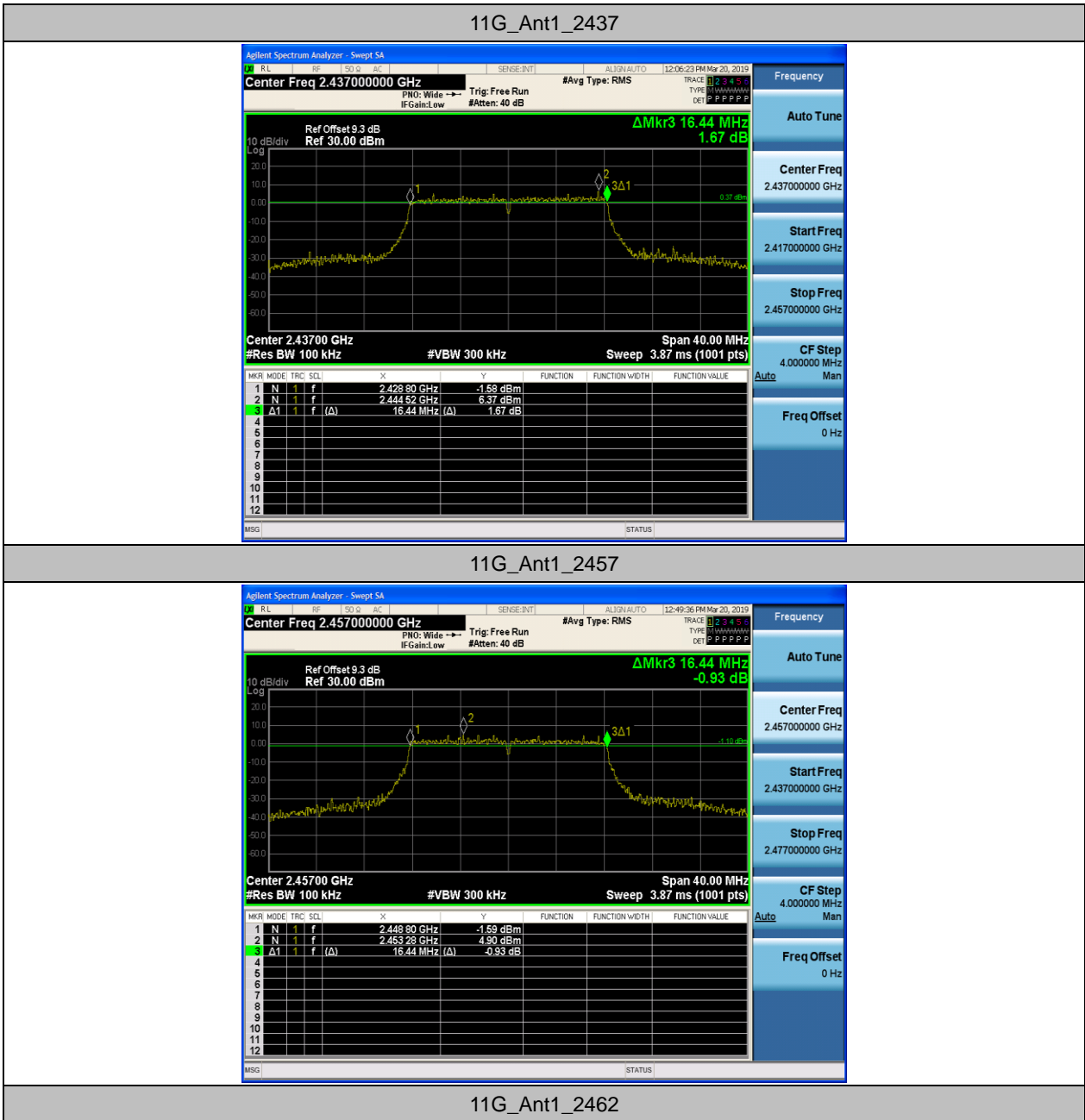


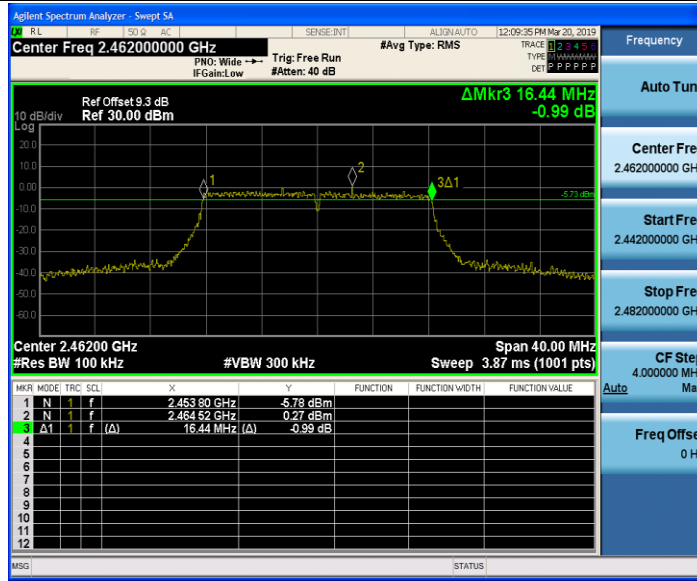
11G\_Ant1\_2412



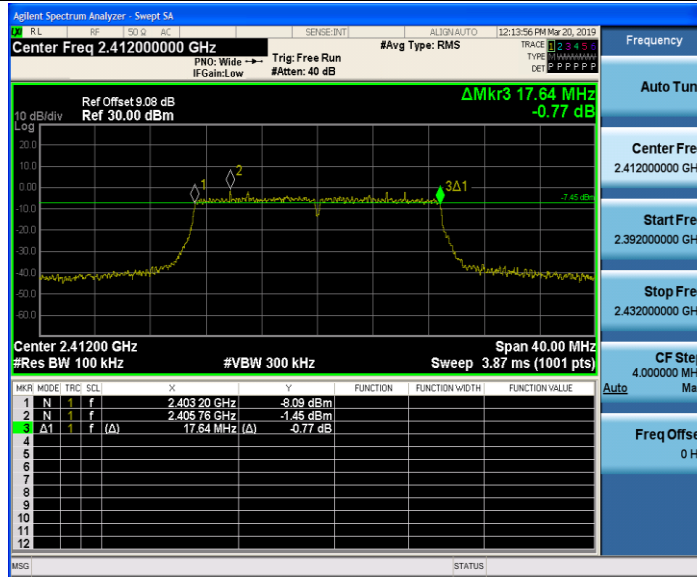
11G\_Ant1\_2417



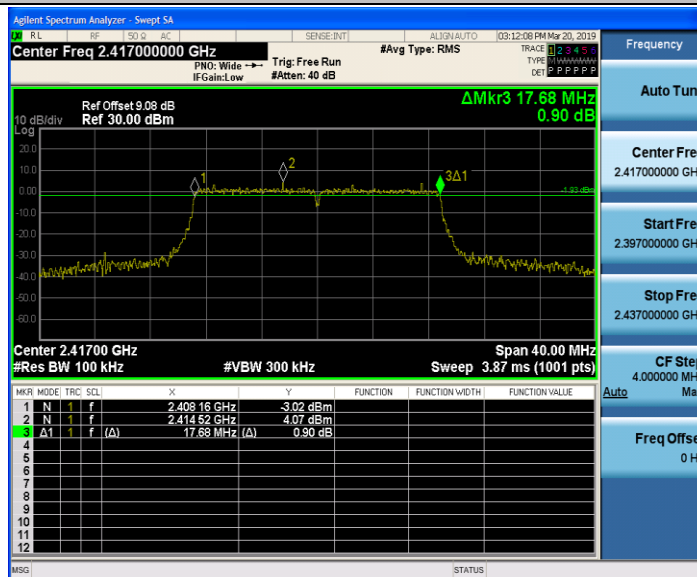


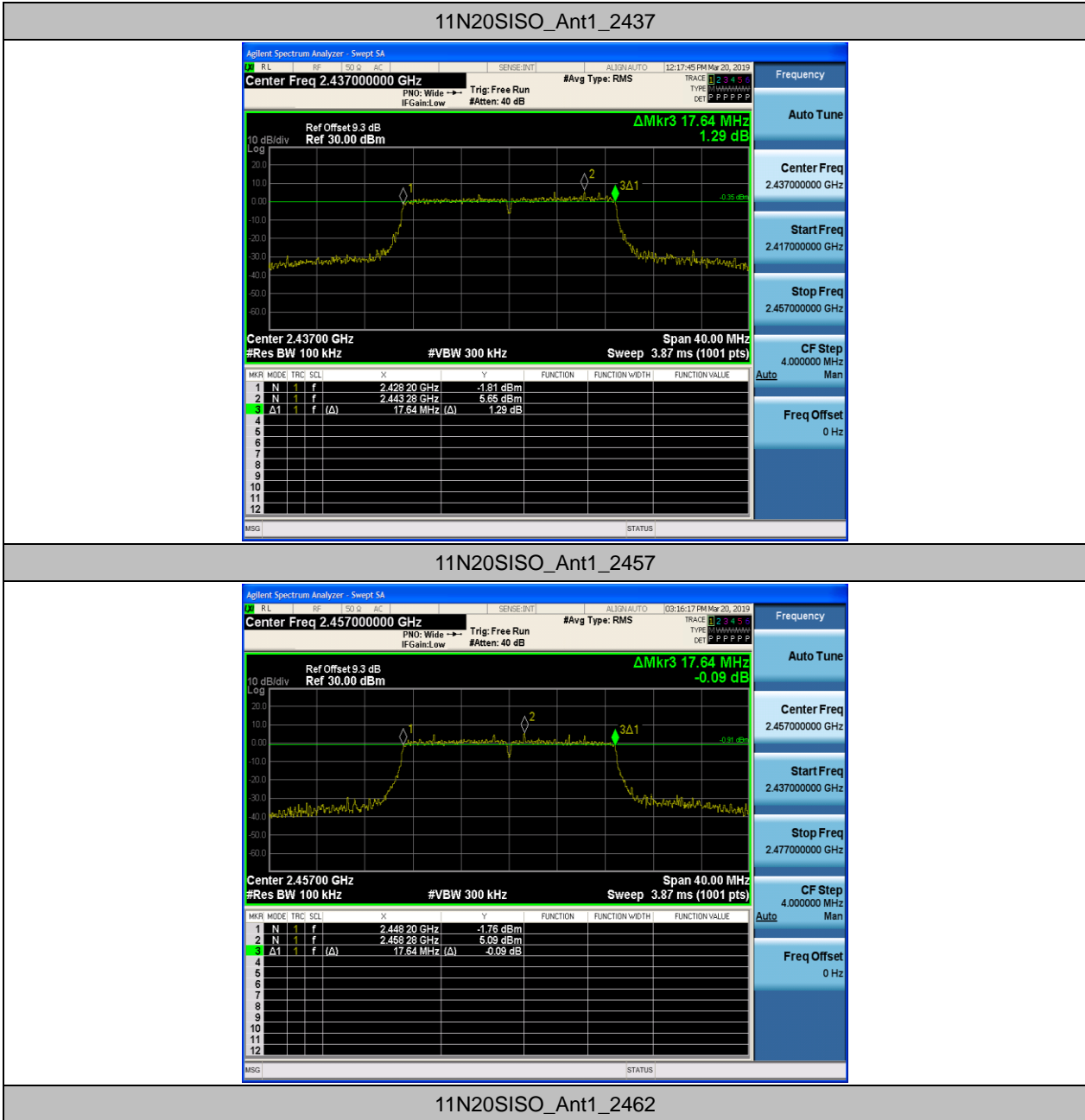


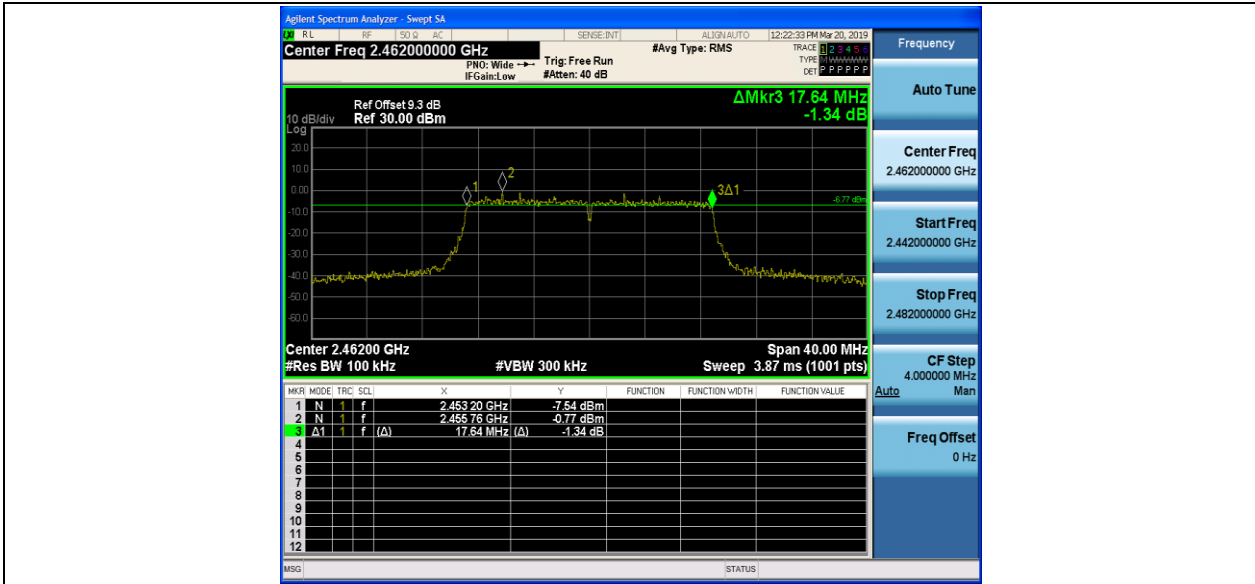
11N20SISO\_Ant1\_2412



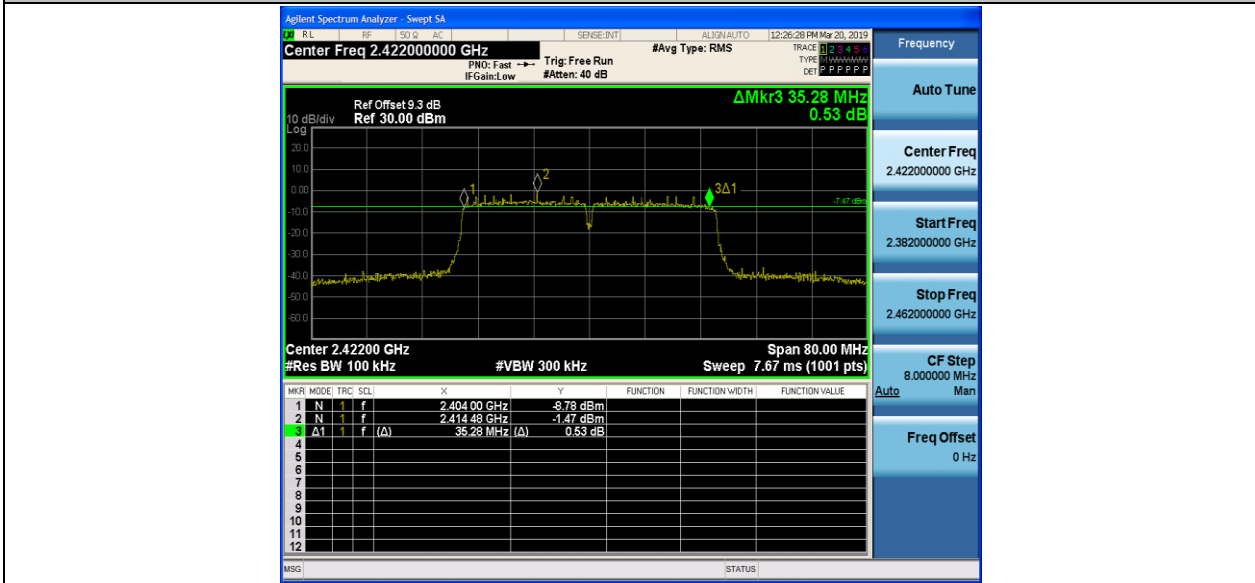
11N20SISO\_Ant1\_2417



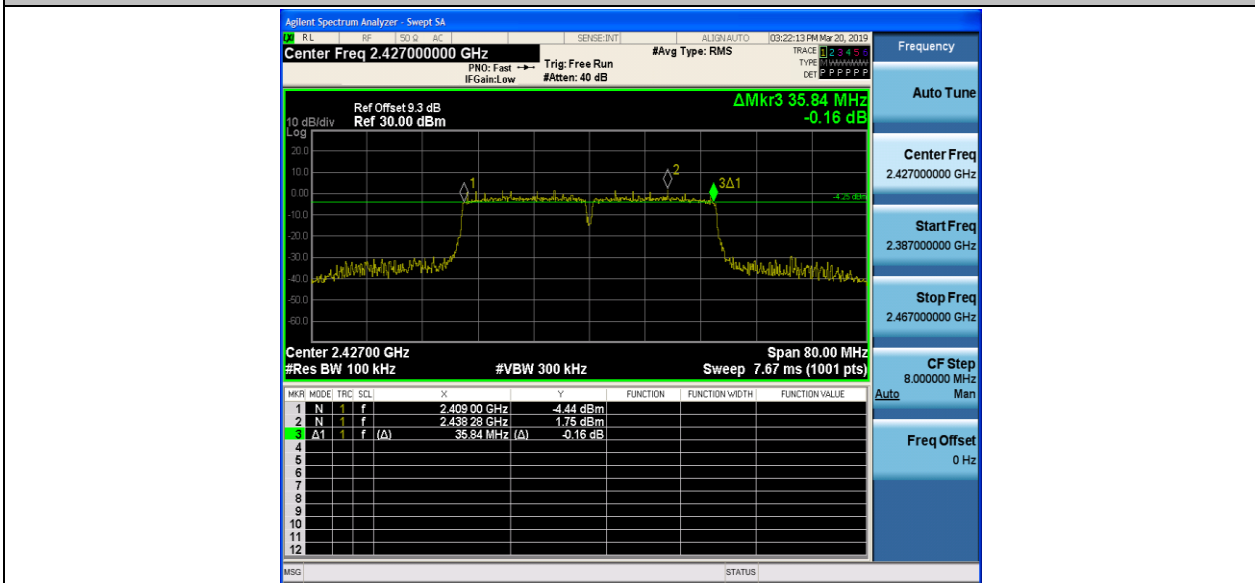




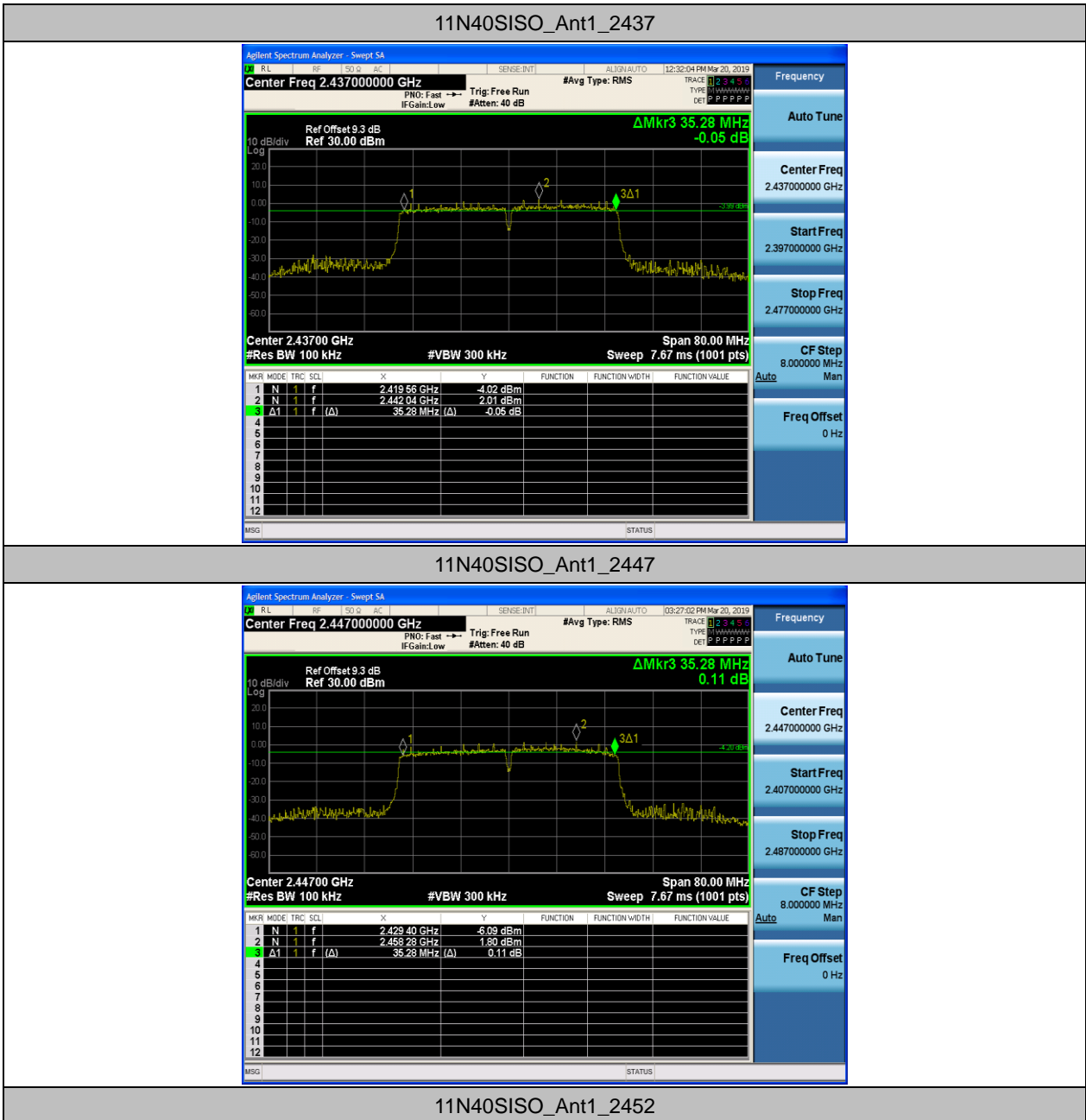
11N40SISO\_Ant1\_2422

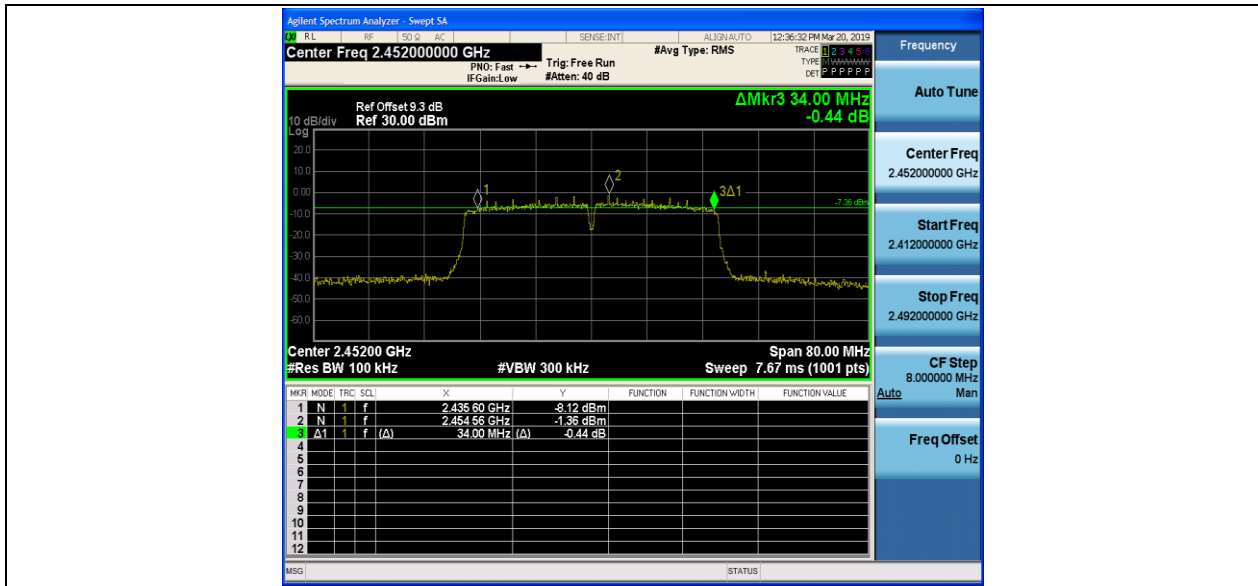


11N40SISO\_Ant1\_2427







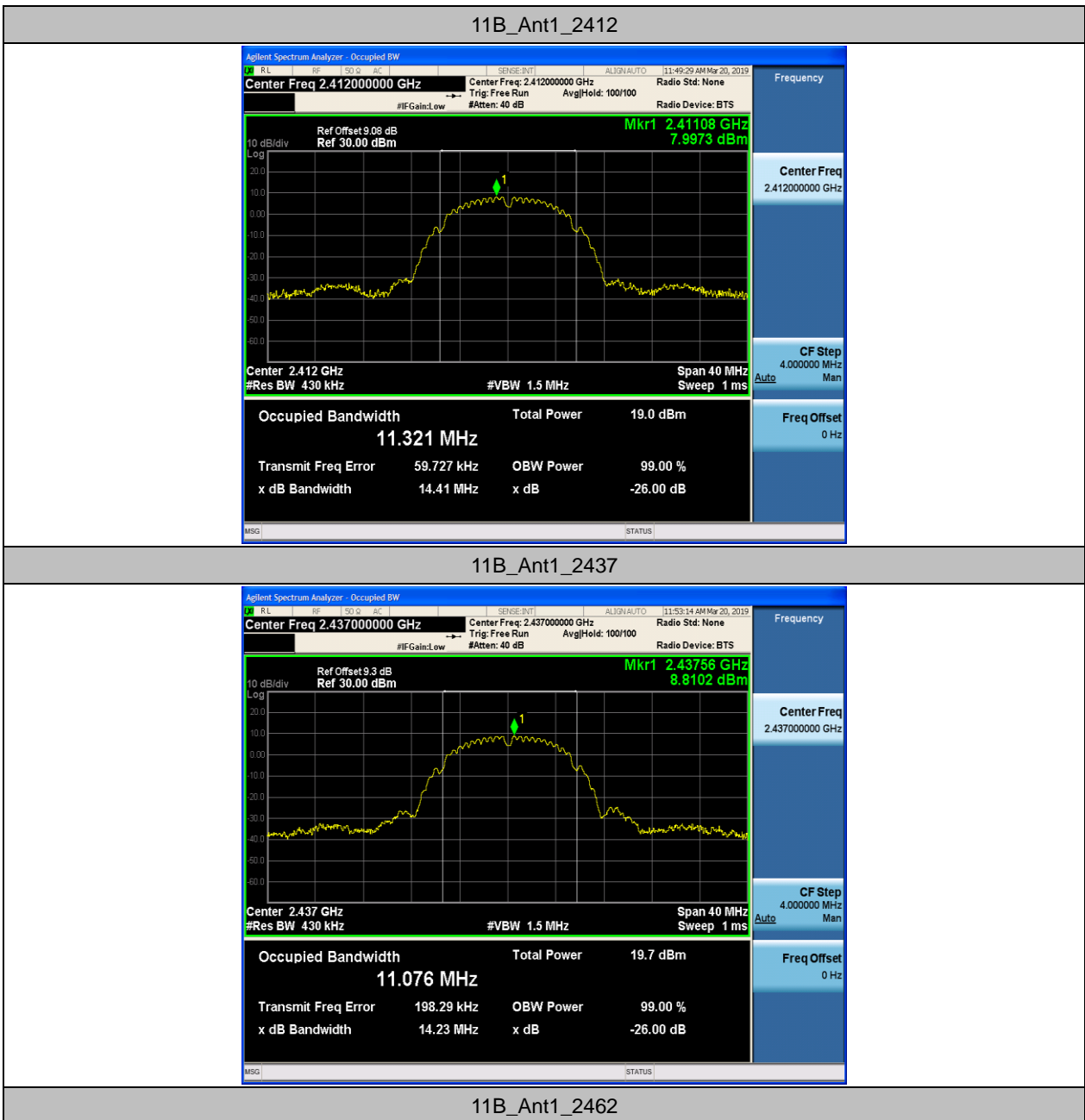


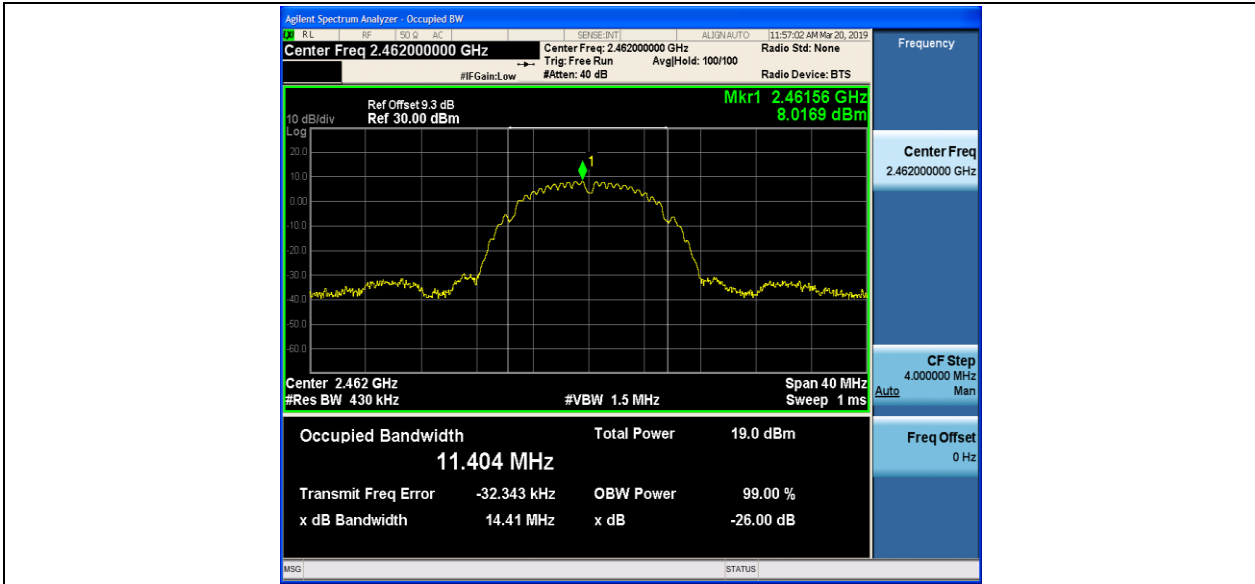
## Appendix B: Occupied Channel Bandwidth

### Test Result

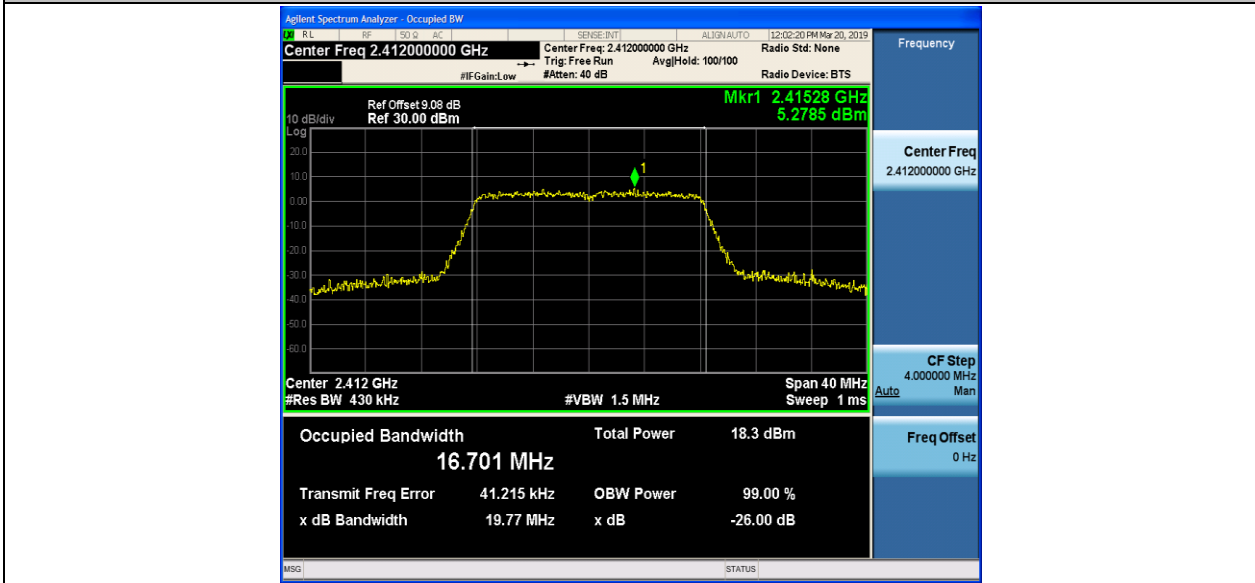
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.321	2406.399	2417.720	---	PASS
		2437	11.076	2431.660	2442.736	---	PASS
		2462	11.404	2456.266	2467.670	---	PASS
11G	Ant1	2412	16.701	2403.691	2420.392	---	PASS
		2417	16.798	2408.647	2425.445	---	PASS
		2437	16.808	2428.716	2445.524	---	PASS
		2457	16.741	2448.674	2465.415	---	PASS
		2462	16.751	2453.630	2470.381	---	PASS
11N20SISO	Ant1	2412	17.742	2403.179	2420.921	---	PASS
		2417	17.804	2408.129	2425.933	---	PASS
		2437	17.798	2428.202	2446.000	---	PASS
		2457	17.735	2448.160	2465.895	---	PASS
		2462	17.769	2453.111	2470.880	---	PASS
11N40SISO	Ant1	2422	35.979	2404.089	2440.068	---	PASS
		2427	36.189	2409.002	2445.191	---	PASS
		2437	36.078	2419.100	2455.178	---	PASS
		2447	35.906	2429.185	2465.091	---	PASS
		2452	35.838	2434.185	2470.023	---	PASS

### Test Graphs

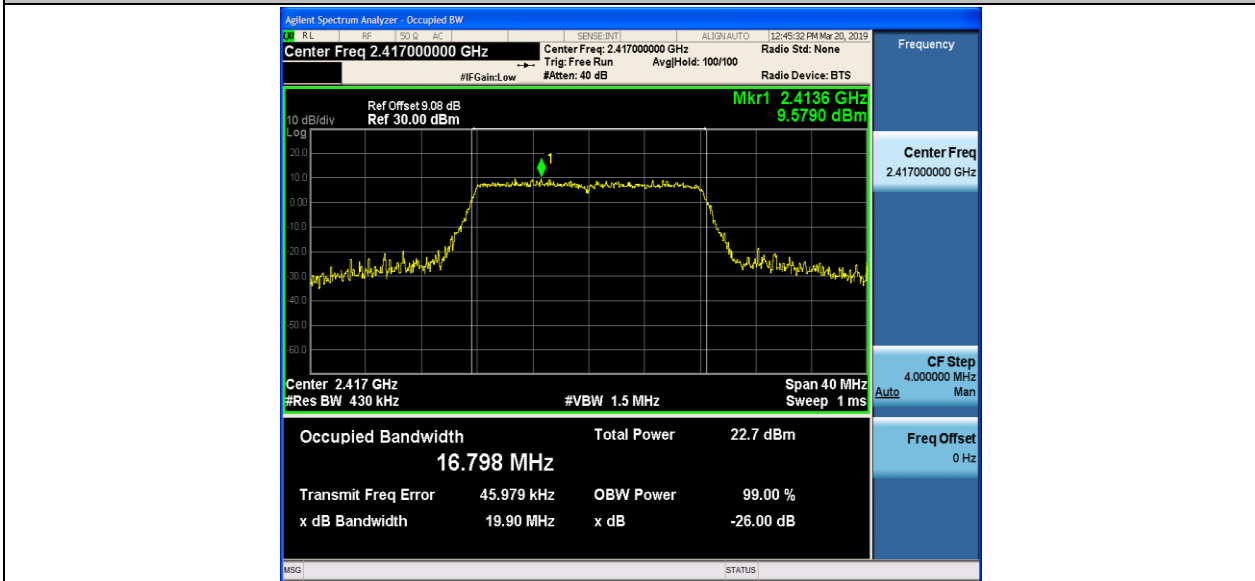


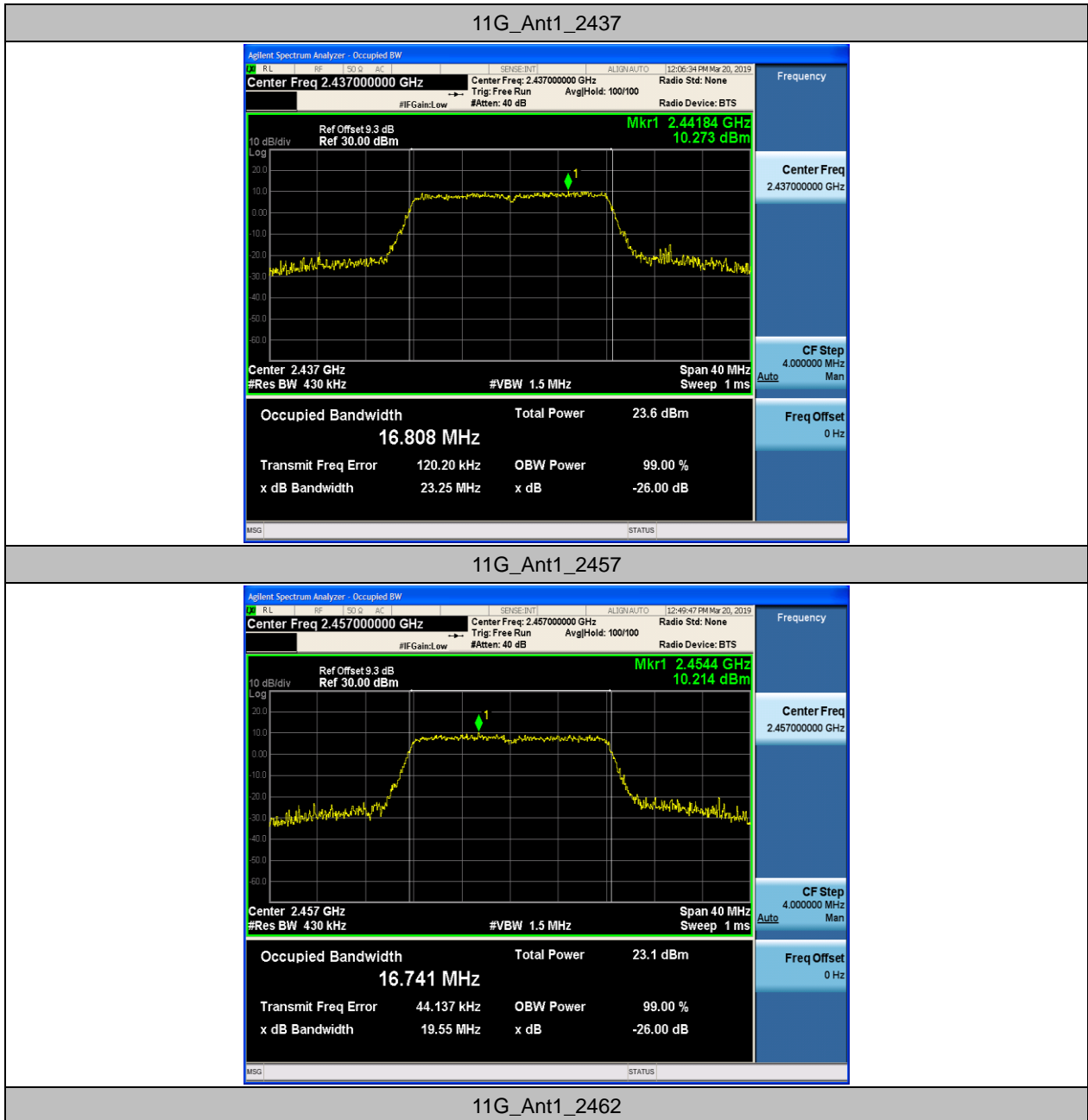


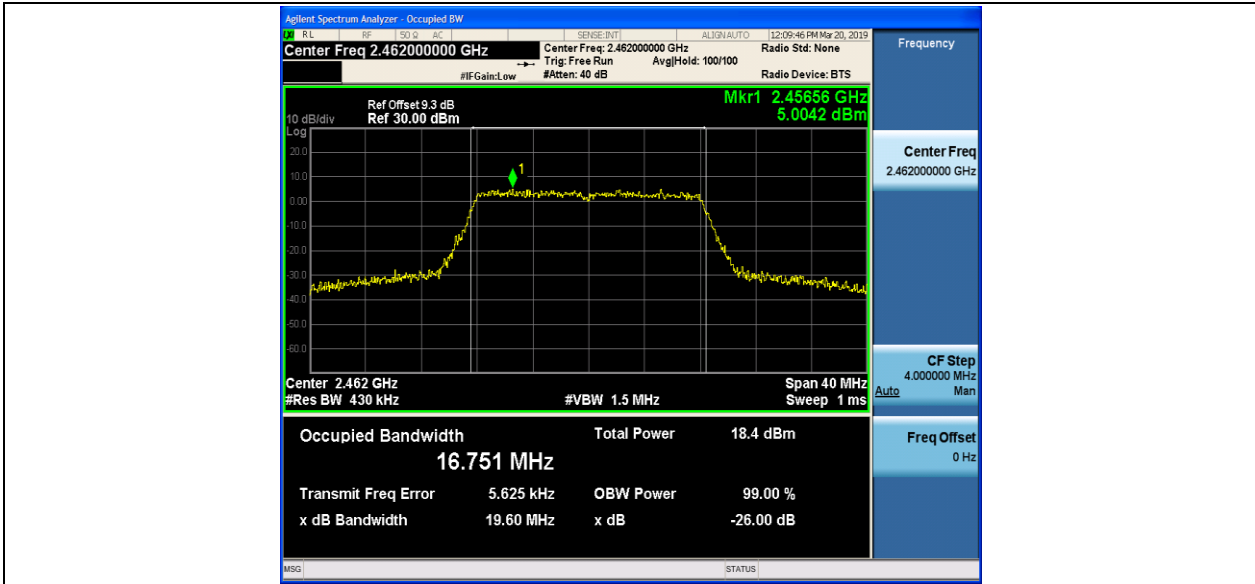
11G\_Ant1\_2412



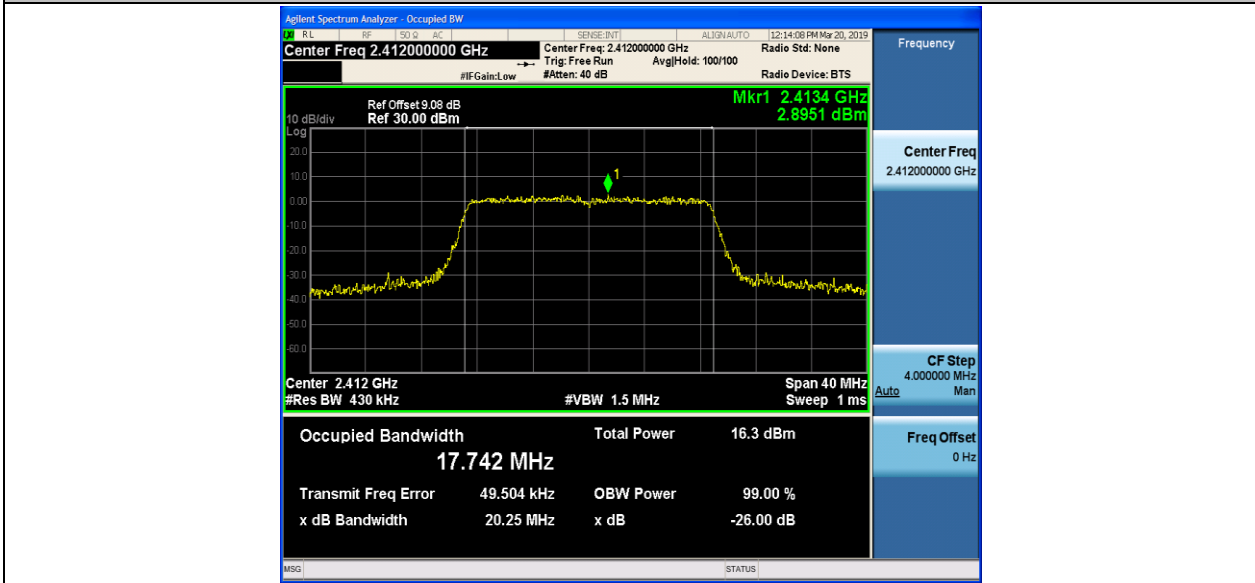
11G\_Ant1\_2417



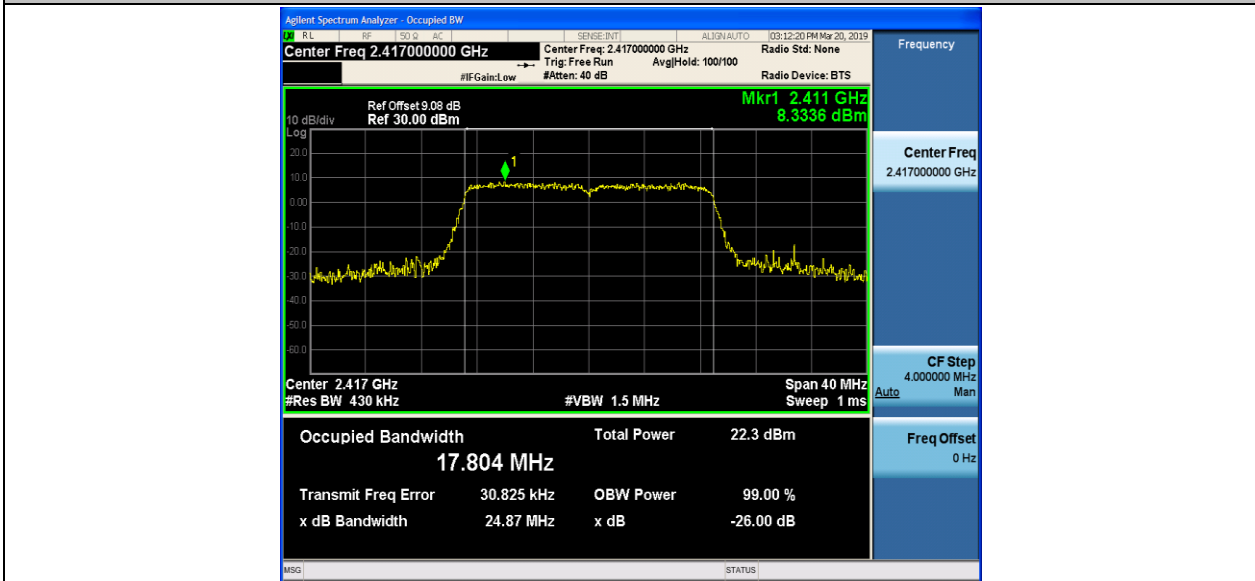


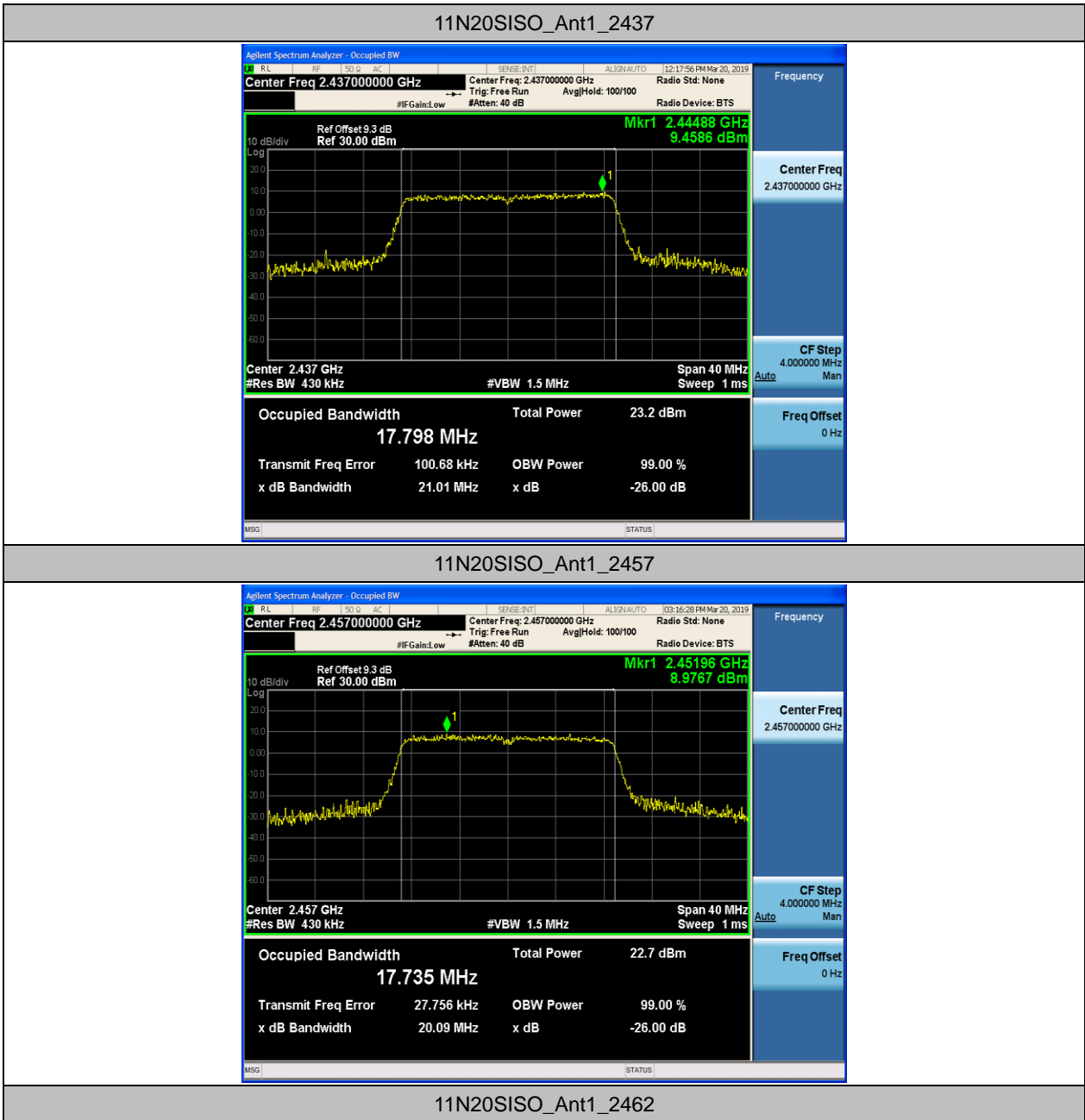


11N20SISO\_Ant1\_2412

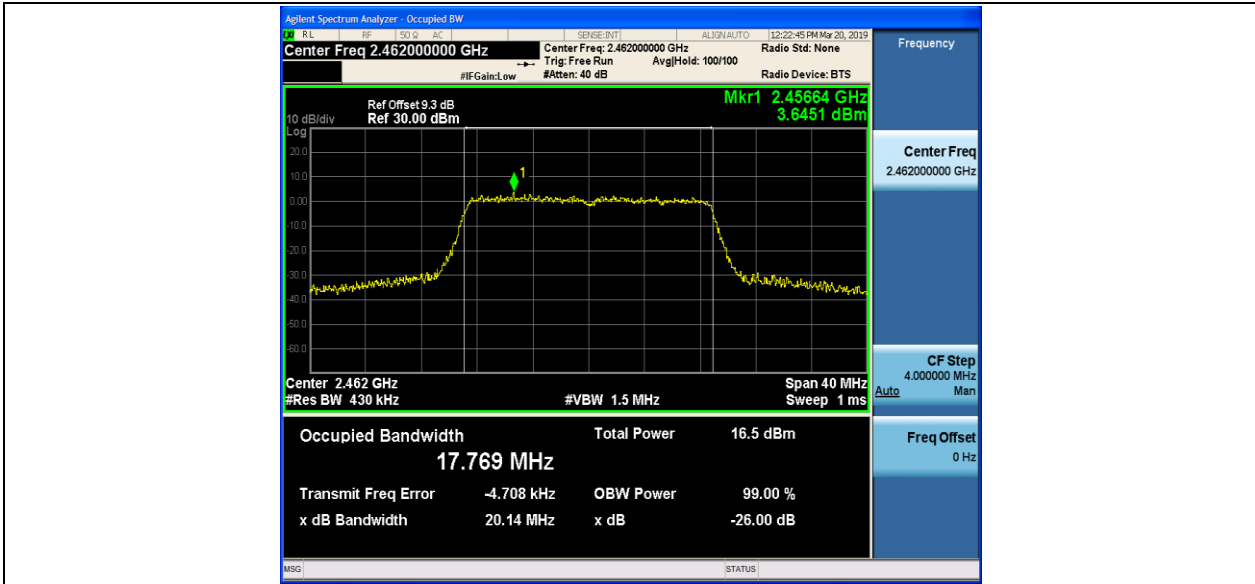


11N20SISO\_Ant1\_2417

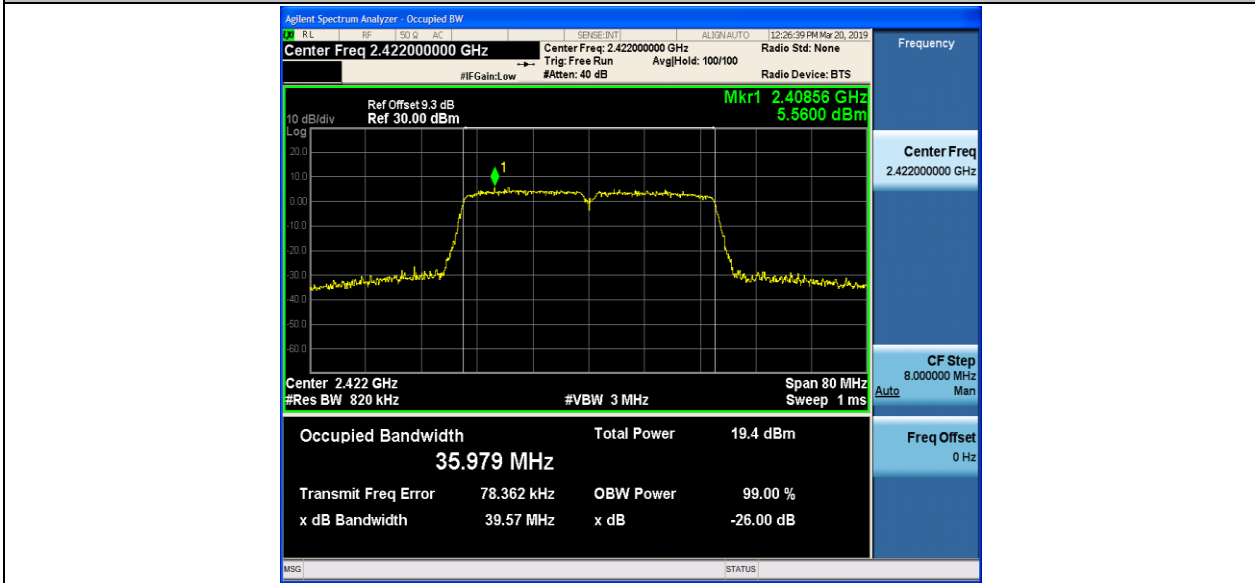




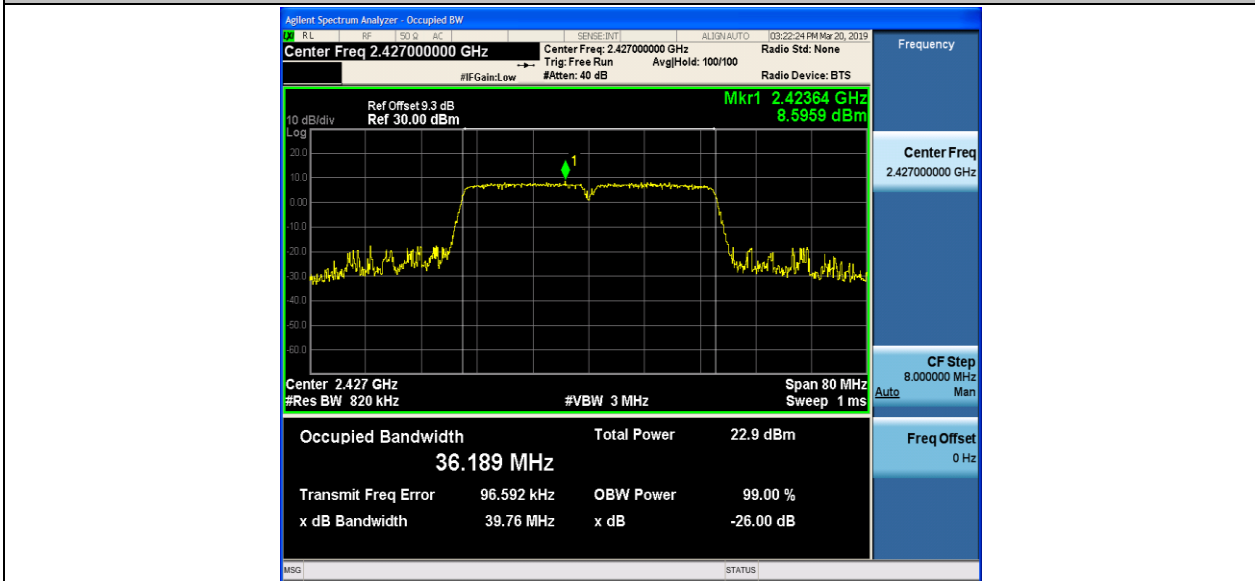


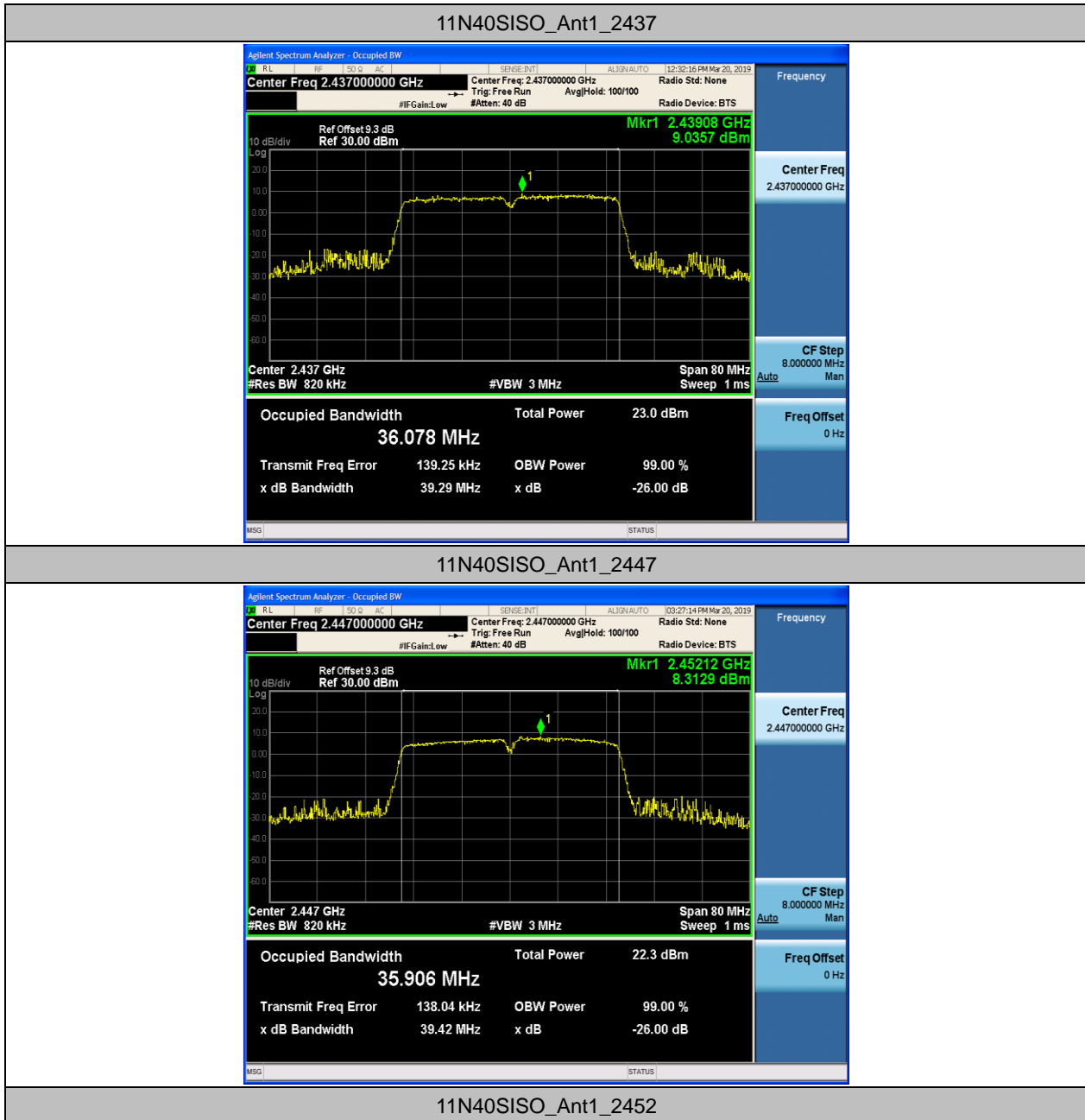


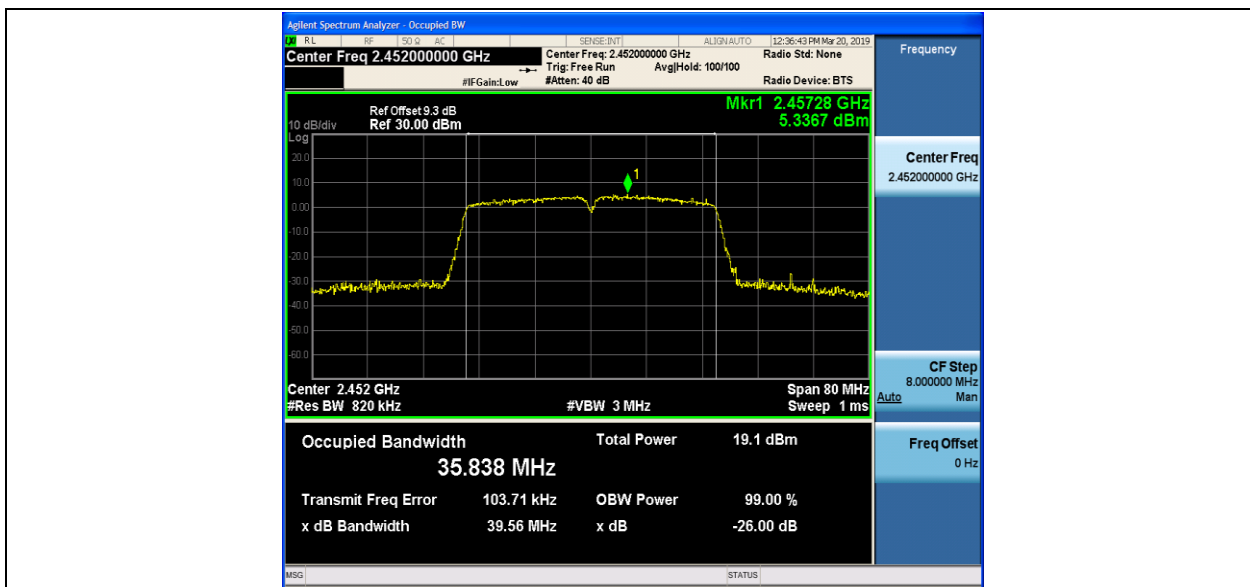
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2427







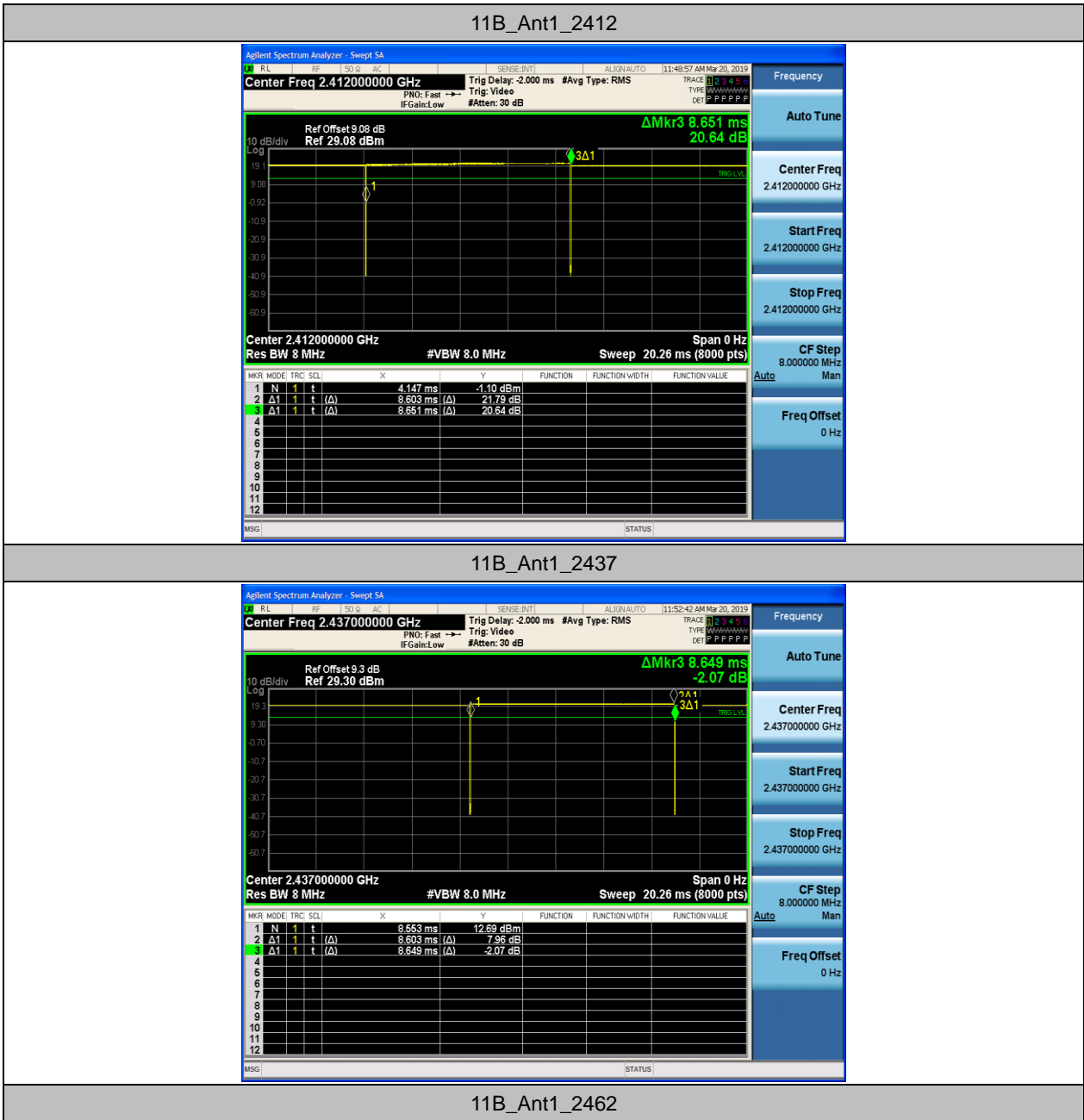
## Appendix C: Duty Cycle

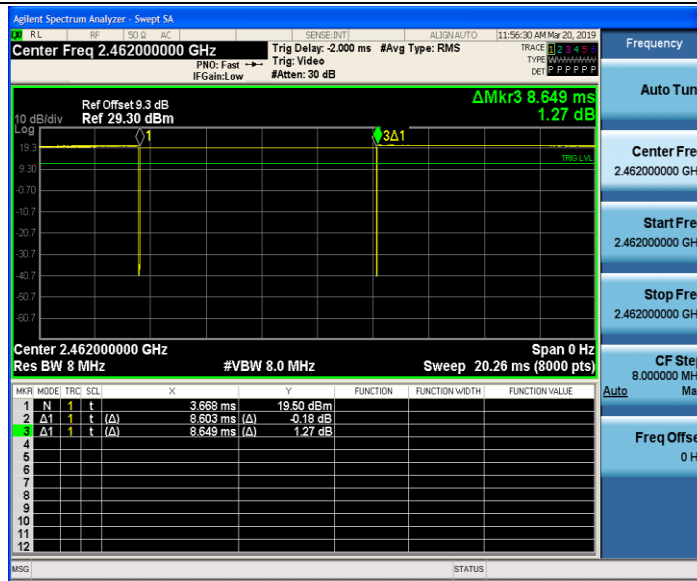
### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit [MHz]	Verdict
11B	Ant1	2412	8.60	8.65	99.44	---	PASS
		2437	8.60	8.65	99.47	---	PASS
		2462	8.60	8.65	99.47	---	PASS
11G	Ant1	2412	2.06	2.11	97.66	---	PASS
		2417	2.06	2.11	97.66	---	PASS
		2437	2.06	2.11	97.66	---	PASS
		2457	2.06	2.11	97.66	---	PASS
		2462	2.06	2.11	97.66	---	PASS
11N20SISO	Ant1	2412	2.59	2.64	98.18	---	PASS
		2417	2.59	2.64	98.18	---	PASS
		2437	2.59	2.64	98.13	---	PASS
		2457	2.59	2.64	98.18	---	PASS
		2462	2.59	2.64	98.18	---	PASS
11N40SISO	Ant1	2422	1.27	1.31	96.43	---	PASS
		2427	1.27	1.31	96.43	---	PASS
		2437	1.27	1.31	96.43	---	PASS
		2447	1.27	1.31	96.43	---	PASS
		2452	1.27	1.31	96.43	---	PASS

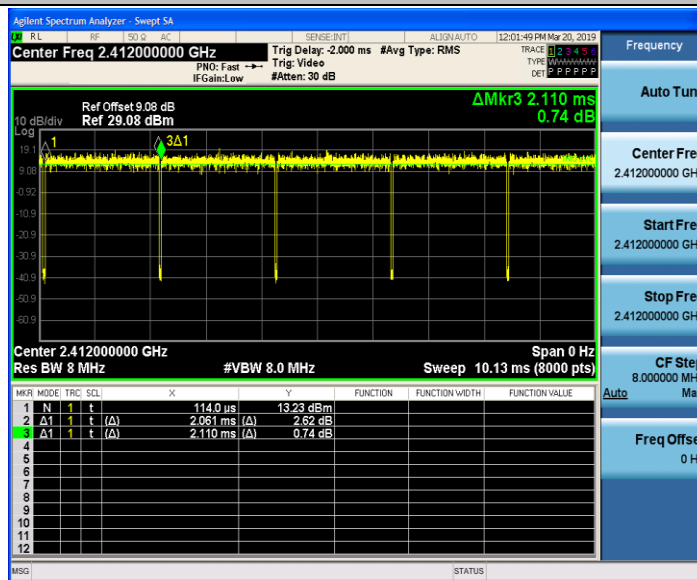


### Test Graphs

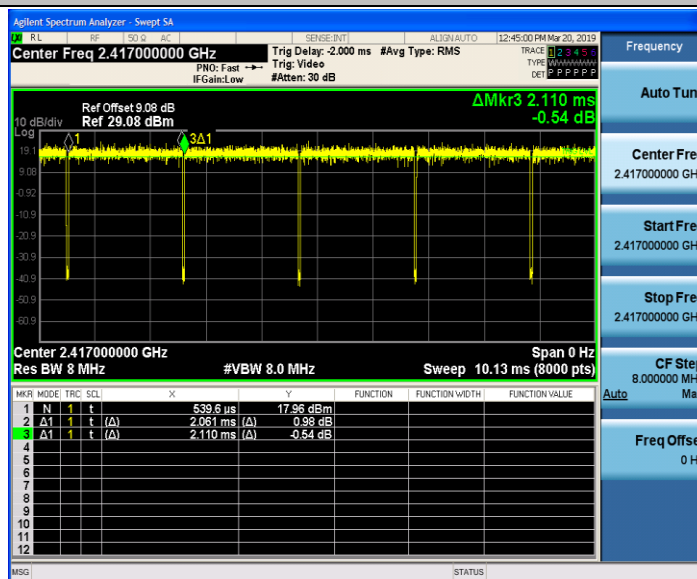


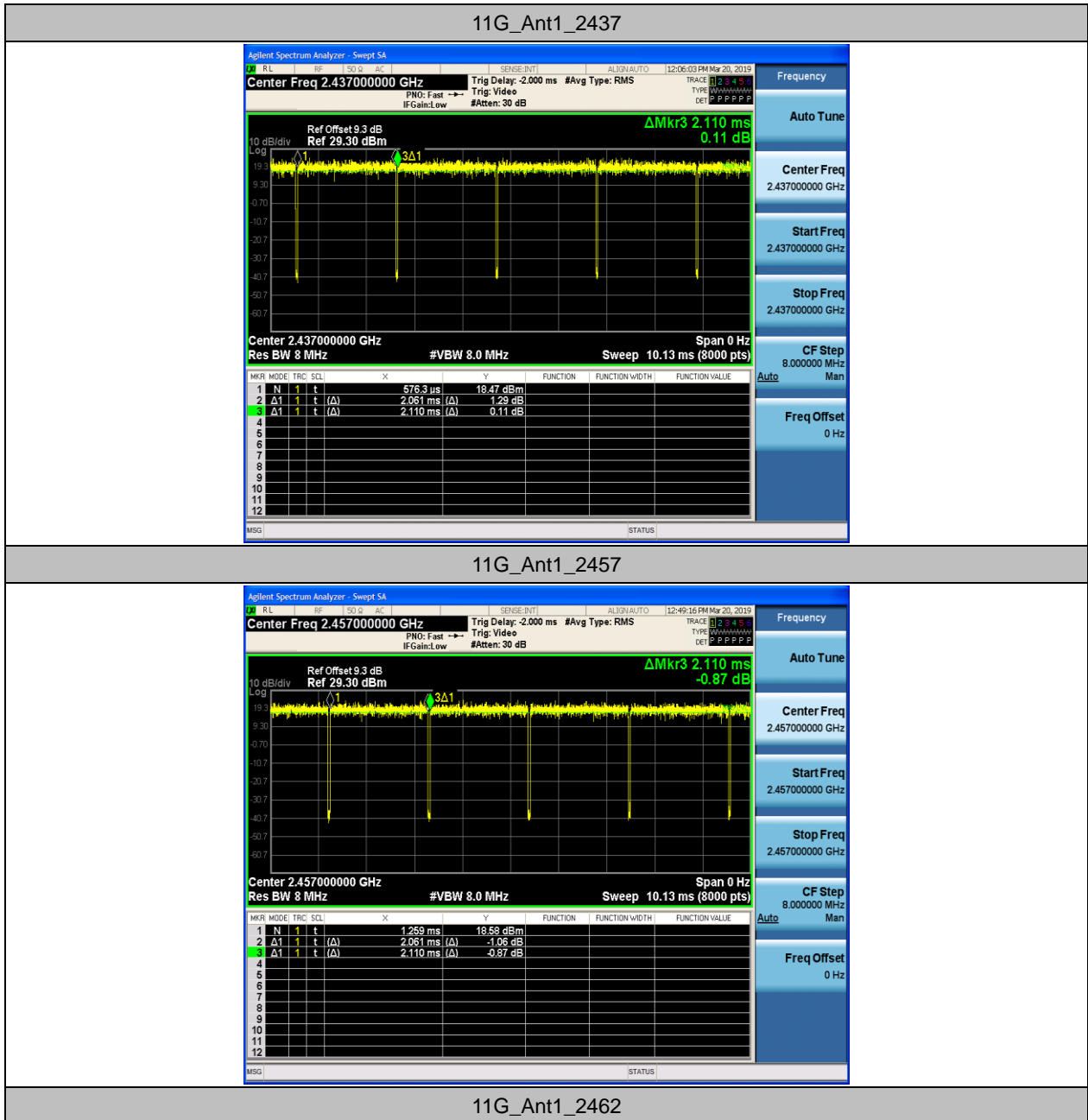


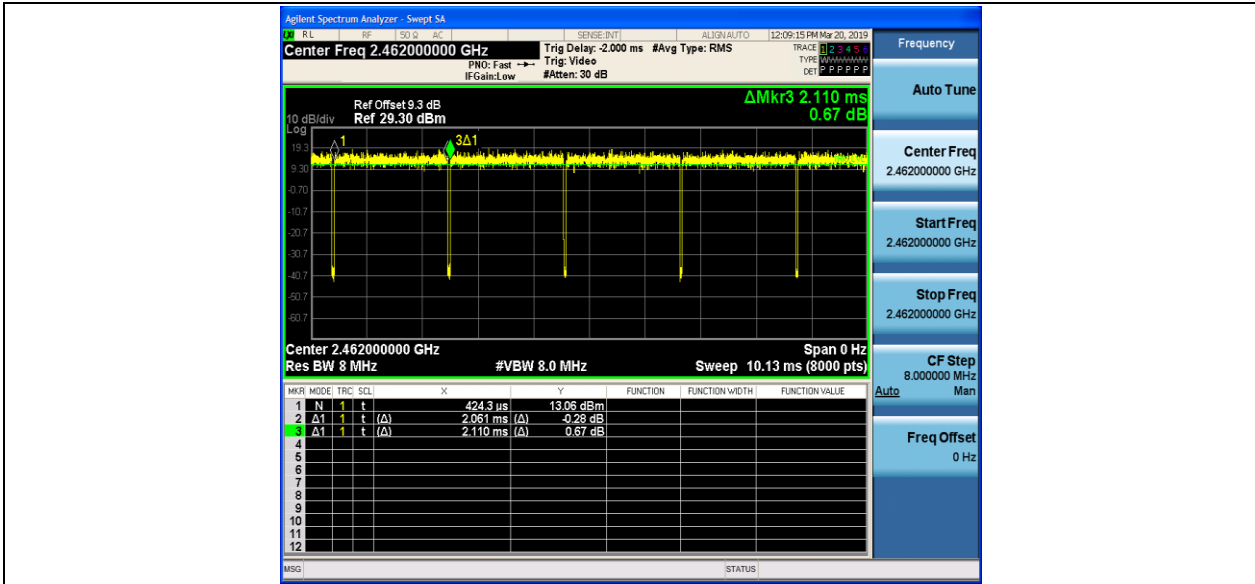
11G\_Ant1\_2412



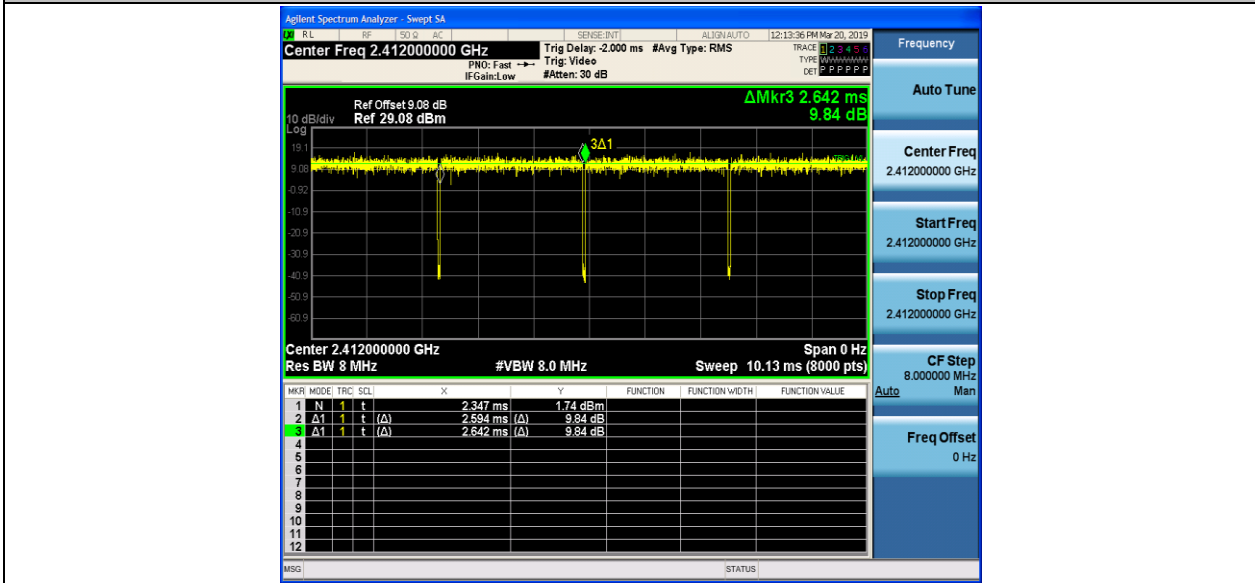
11G\_Ant1\_2417



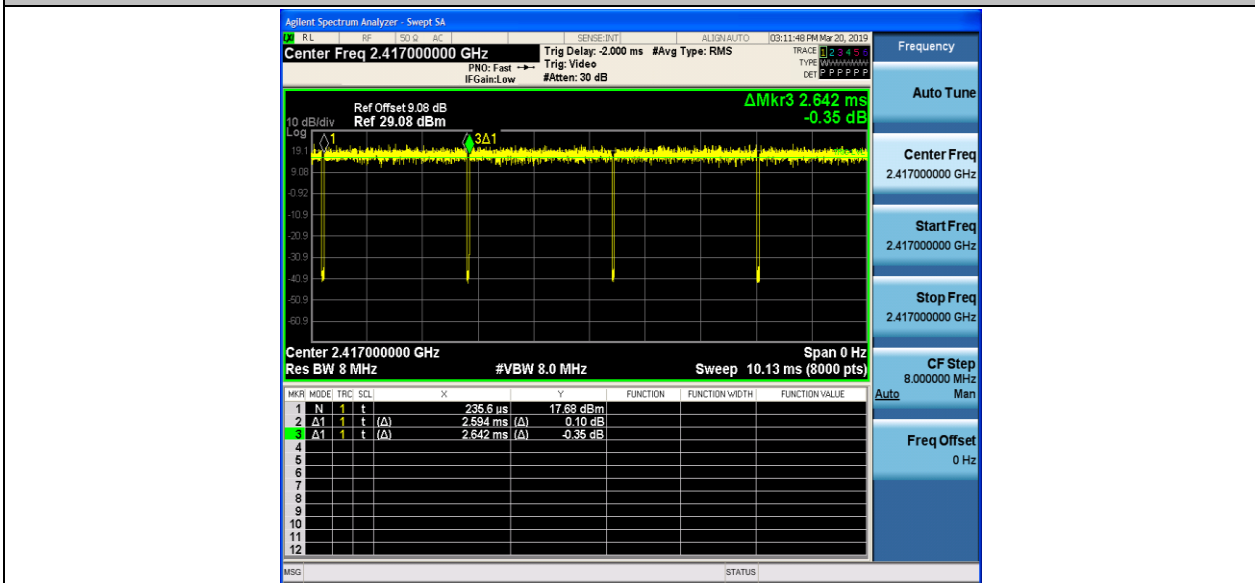




11N20SISO\_Ant1\_2412

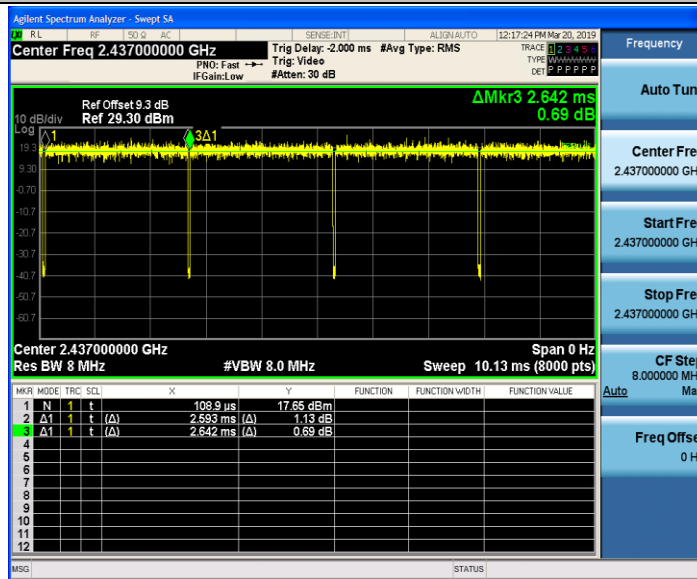


11N20SISO\_Ant1\_2417

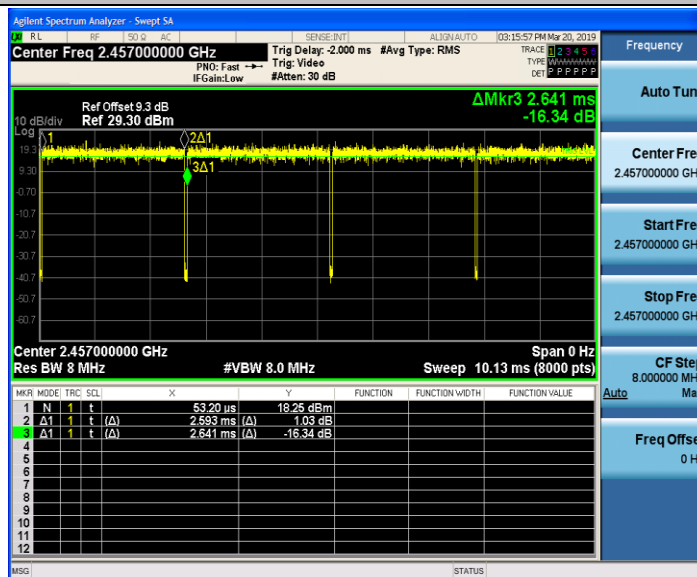




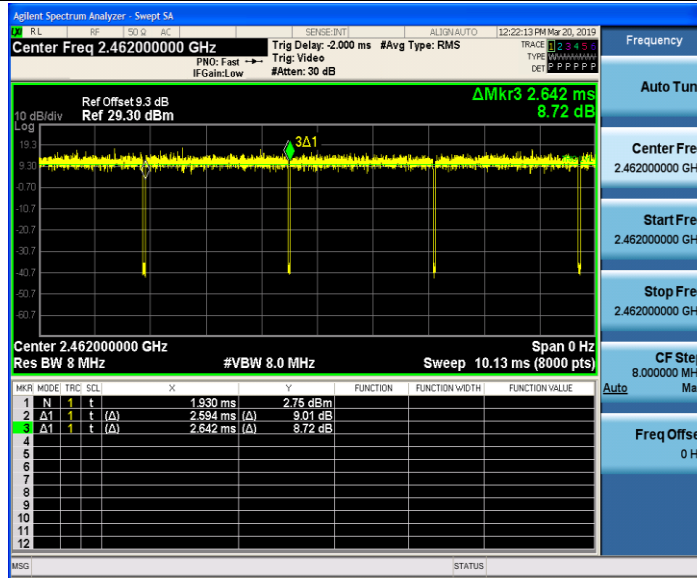
11N20SISO\_Ant1\_2437



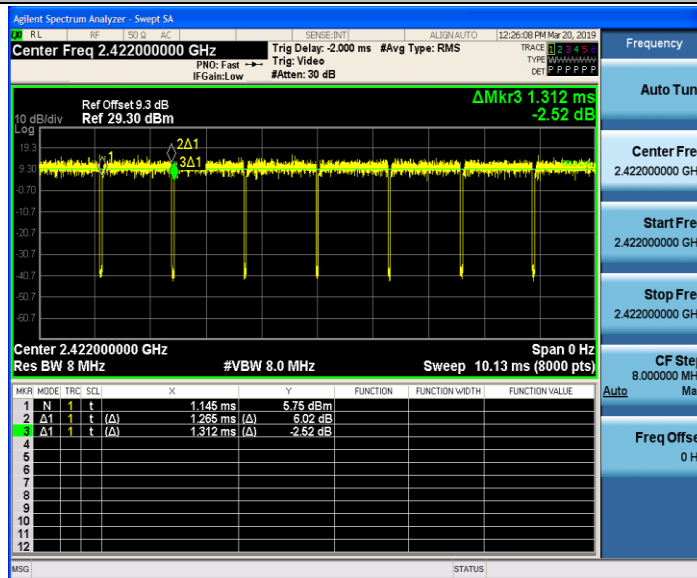
11N20SISO\_Ant1\_2457



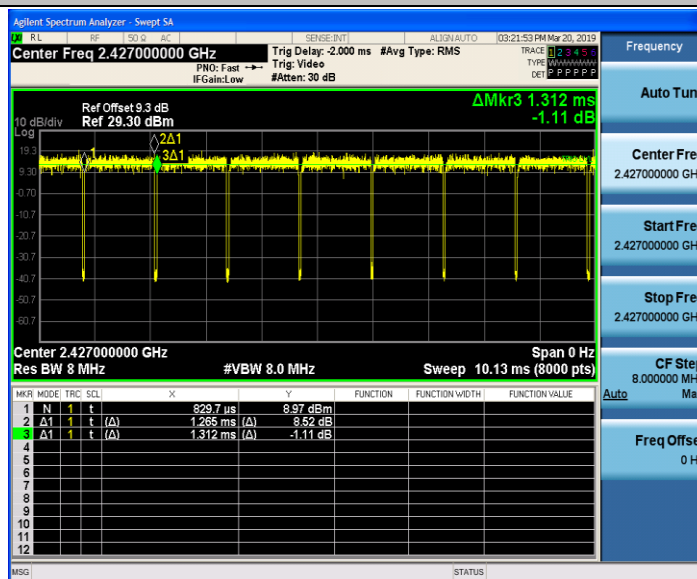
11N20SISO\_Ant1\_2462



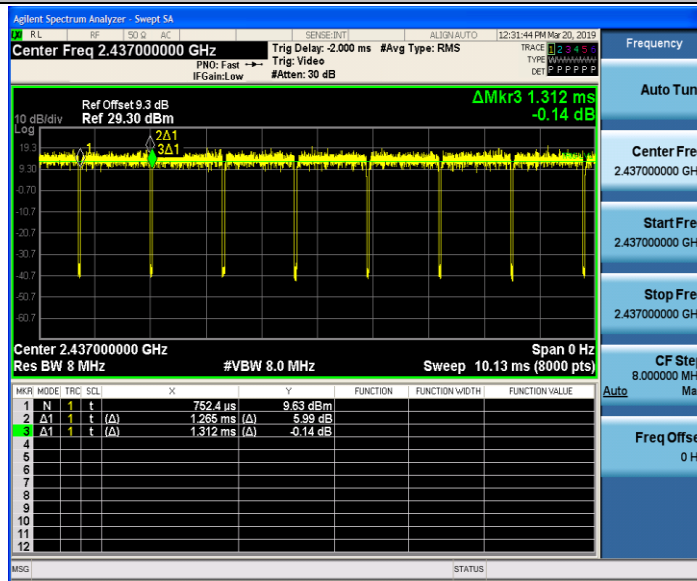
11N40SISO\_Ant1\_2422



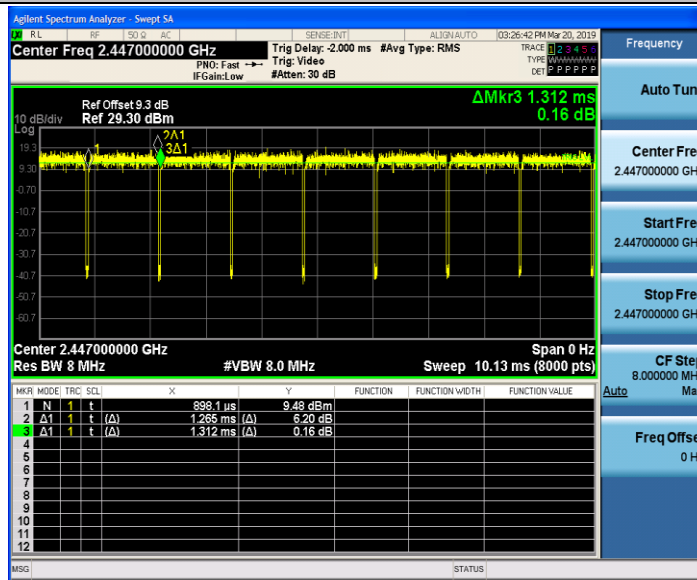
11N40SISO\_Ant1\_2427



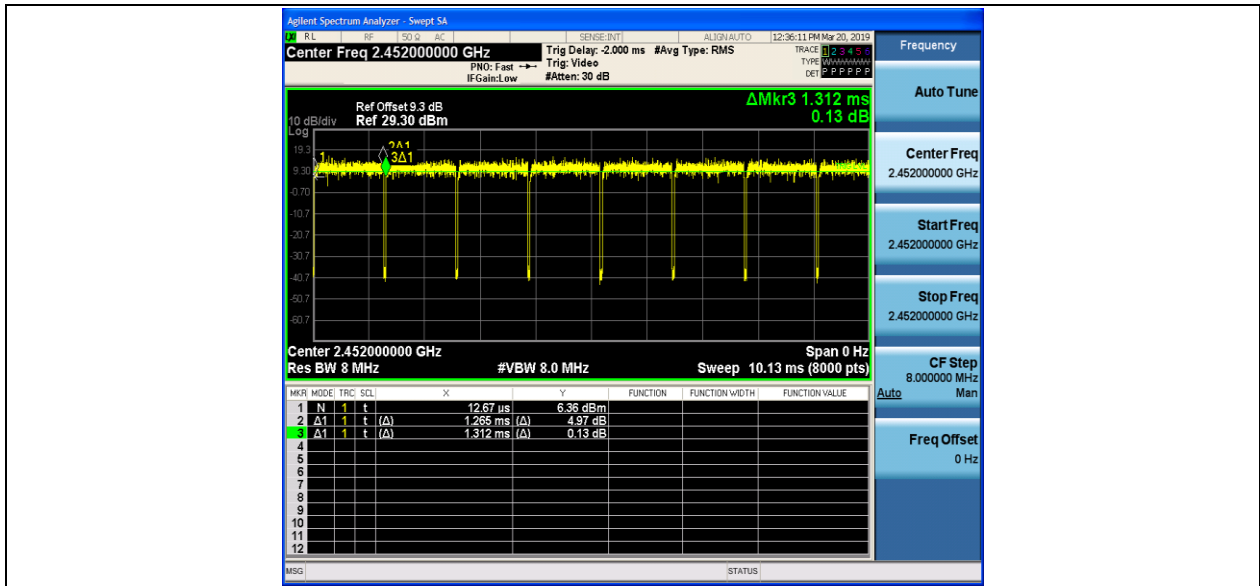
11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2447



11N40SISO\_Ant1\_2452

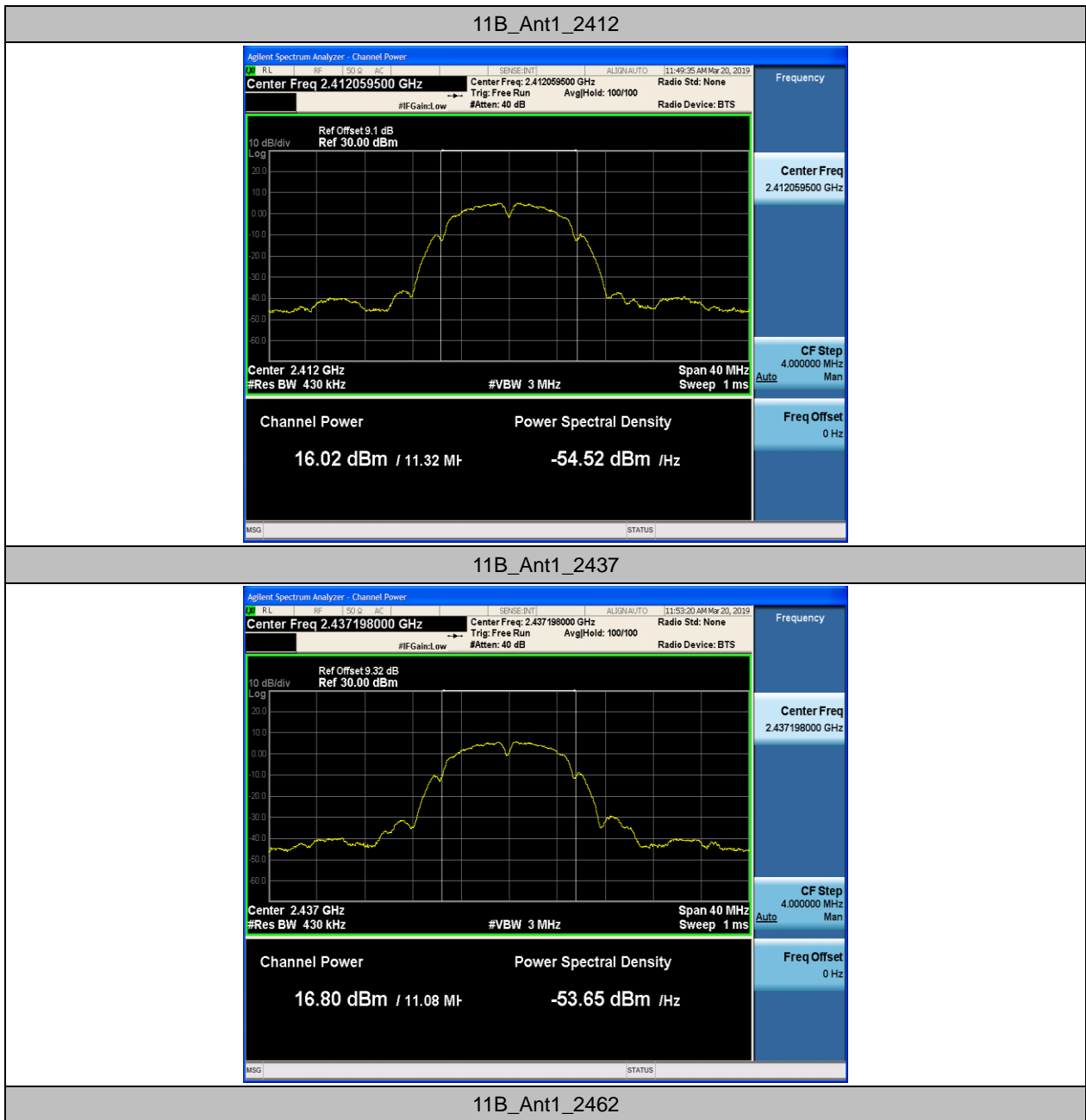


## Appendix D: Maximum Average conducted output power

### Test Result

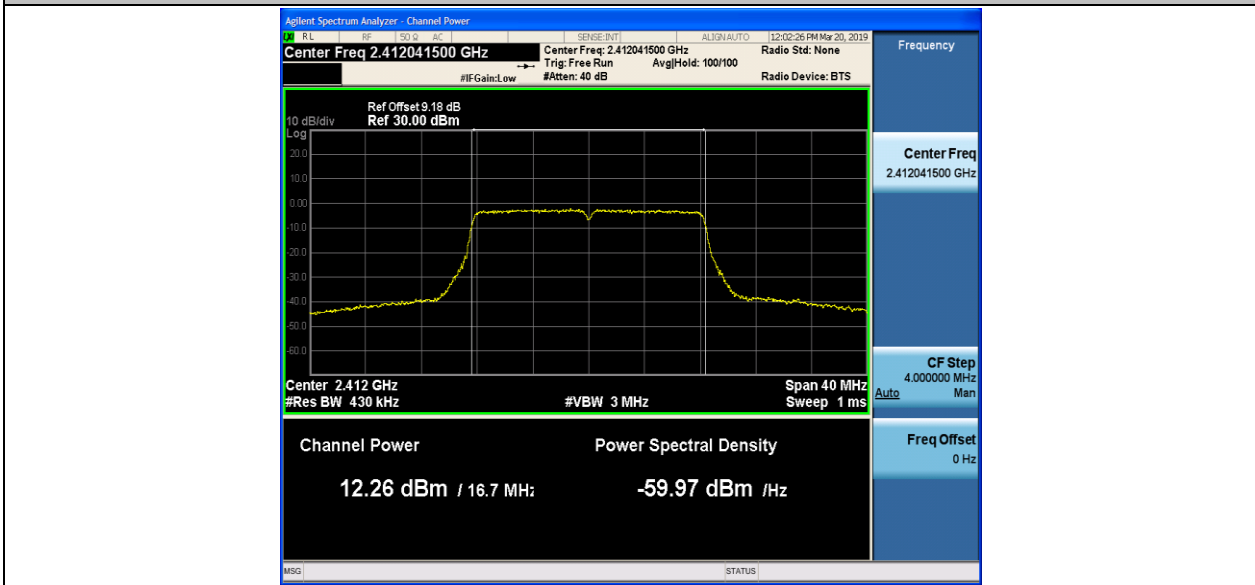
TestMode	Antenna	Channel	Conducted Result[dBm]	Conducted Limit[dBm]	EIRP Result[dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	16.02	30	13.52	36	PASS
		2437	16.80	30	14.3	36	PASS
		2462	16.01	30	13.51	36	PASS
11G	Ant1	2412	12.26	30	9.76	36	PASS
		2417	16.66	30	14.16	36	PASS
		2437	17.45	30	14.95	36	PASS
		2457	16.90	30	14.4	36	PASS
		2462	12.37	30	9.87	36	PASS
11N20SISO	Ant1	2412	10.12	30	7.62	36	PASS
		2417	16.20	30	13.7	36	PASS
		2437	17.00	30	14.5	36	PASS
		2457	16.48	30	13.98	36	PASS
		2462	10.42	30	7.92	36	PASS
11N40SISO	Ant1	2422	10.43	30	7.93	36	PASS
		2427	12.16	30	9.66	36	PASS
		2437	13.10	30	10.6	36	PASS
		2447	12.03	30	9.53	36	PASS
		2452	10.47	30	7.97	36	PASS

### Test Graphs





11G\_Ant1\_2412



11G\_Ant1\_2417

