



Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.680	2407.920	2416.600	---	PASS
		2437	8.120	2432.960	2441.080	---	PASS
		2462	8.680	2457.920	2466.600	---	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	---	PASS
		2417	16.480	2408.800	2425.280	---	PASS
		2437	16.440	2428.800	2445.240	---	PASS
		2457	16.480	2448.760	2465.240	---	PASS
		2462	16.440	2453.800	2470.240	---	PASS
11N20SISO	Ant1	2412	17.640	2403.200	2420.840	---	PASS
		2417	17.640	2408.200	2425.840	---	PASS
		2437	17.640	2428.200	2445.840	---	PASS
		2457	17.680	2448.160	2465.840	---	PASS
		2462	17.760	2453.160	2470.920	---	PASS
11N40SISO	Ant1	2422	35.440	2404.400	2439.840	---	PASS
		2427	35.360	2409.480	2444.840	---	PASS
		2437	34.240	2420.600	2454.840	---	PASS
		2447	35.200	2429.400	2464.600	---	PASS
		2452	35.840	2434.160	2470.000	---	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



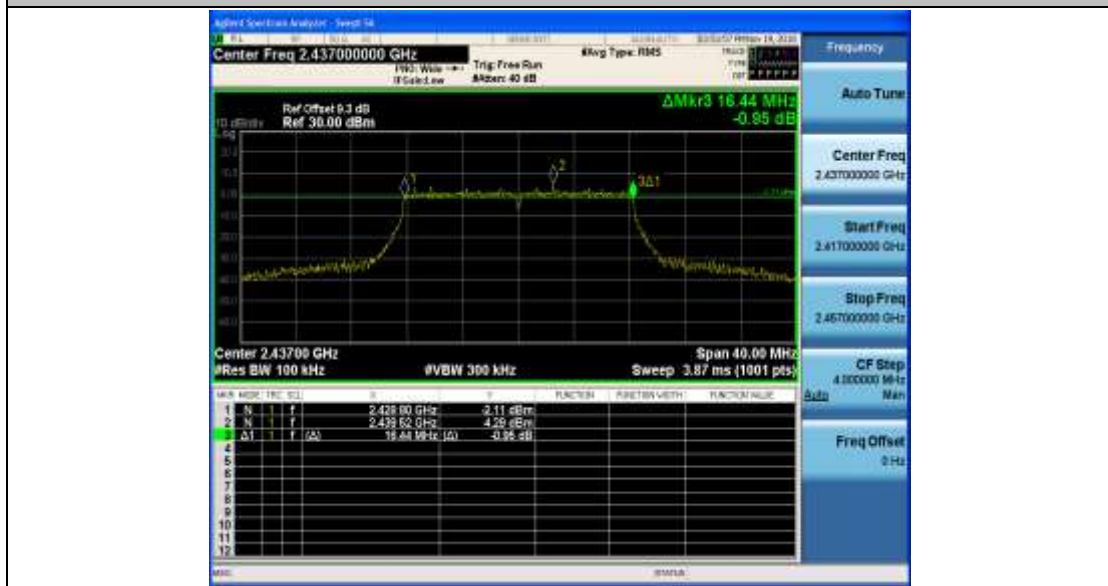
11G_Ant1_2412



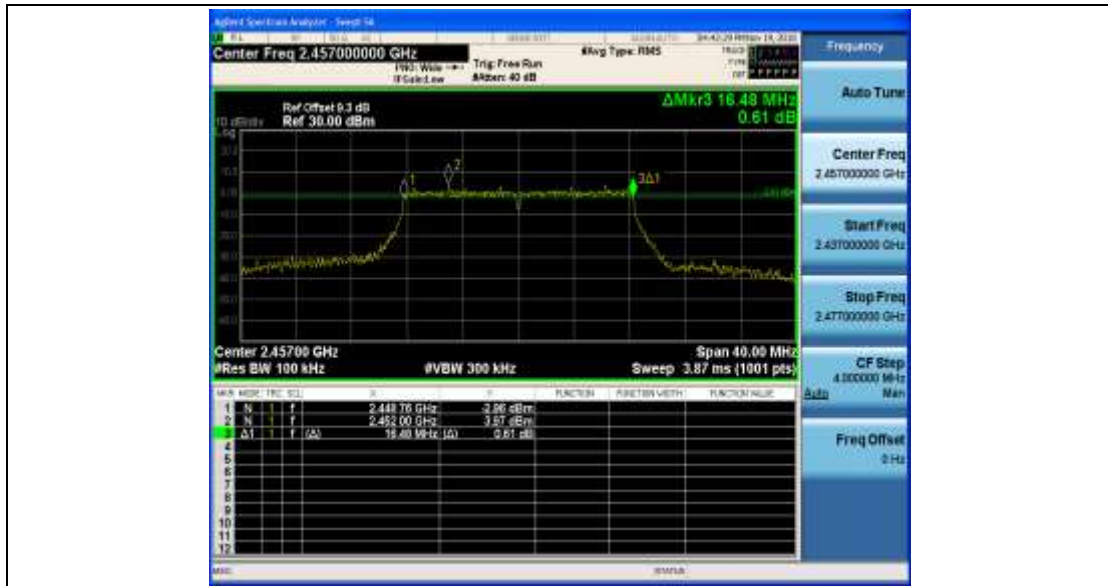
11G_Ant1_2417



11G_Ant1_2437



11G_Ant1_2457



11G_Ant1_2462



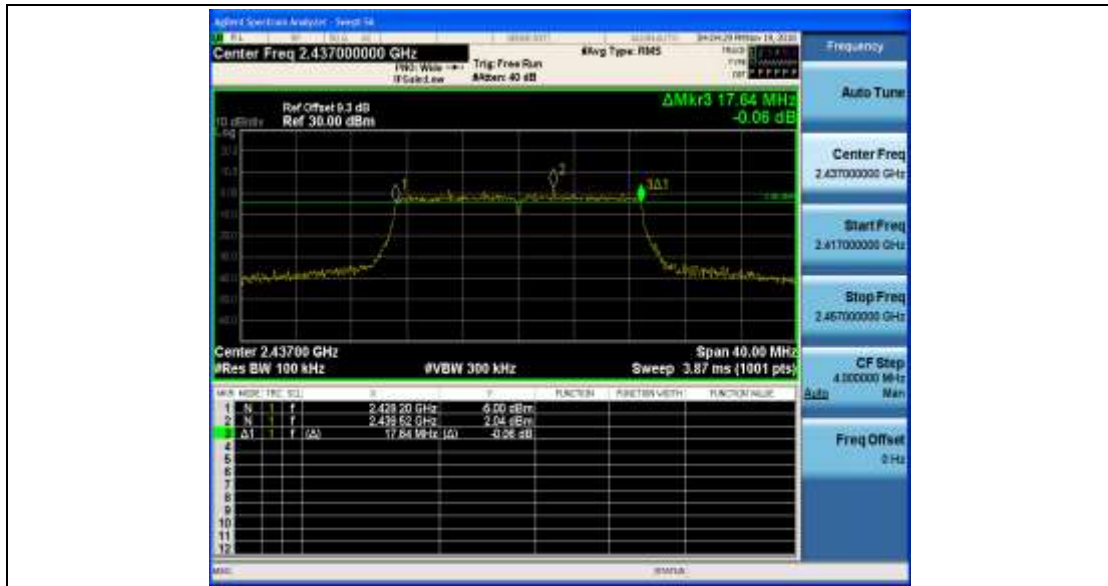
11N20SISO_Ant1_2412



11N20SISO_Ant1_2417



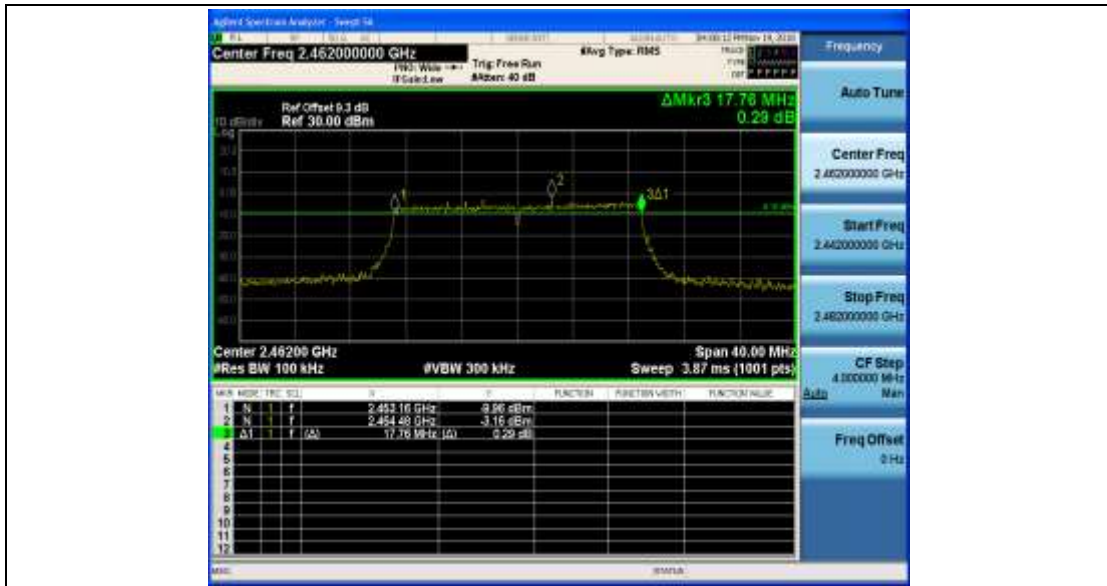
11N20SISO_Ant1_2437



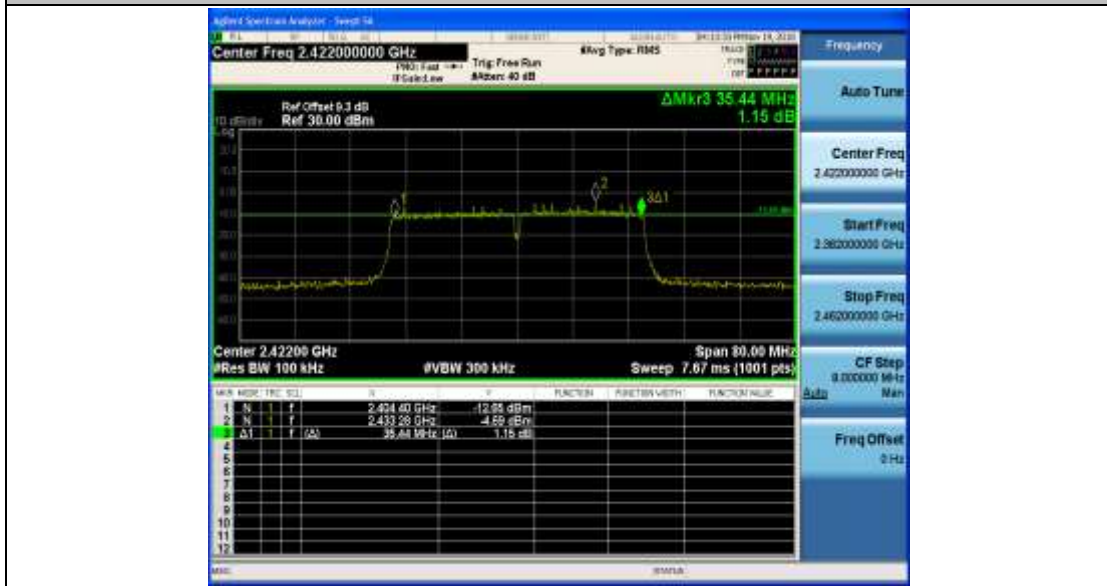
11N20SISO_Ant1_2457



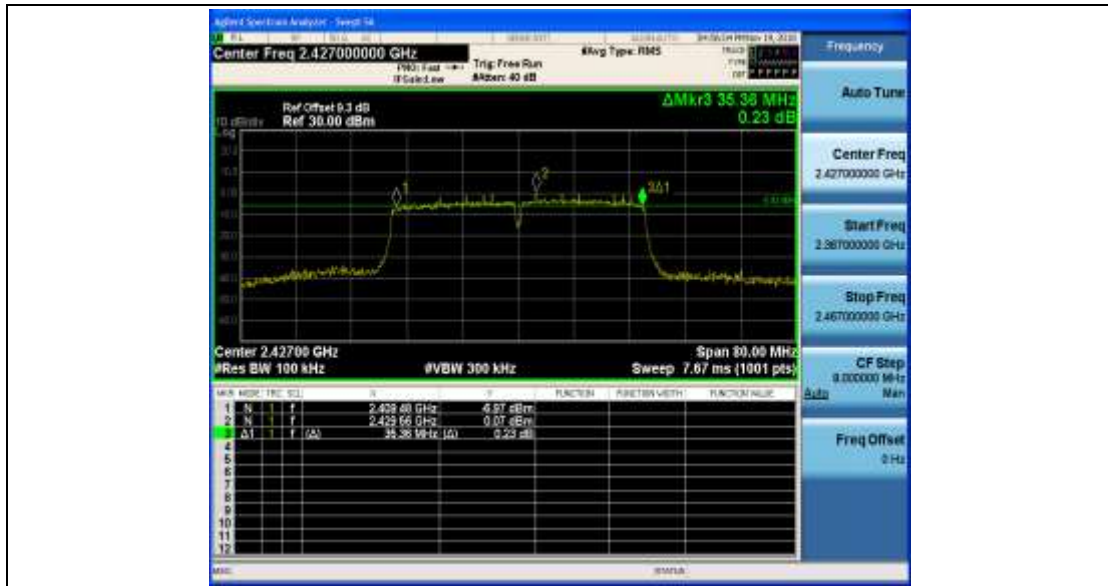
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



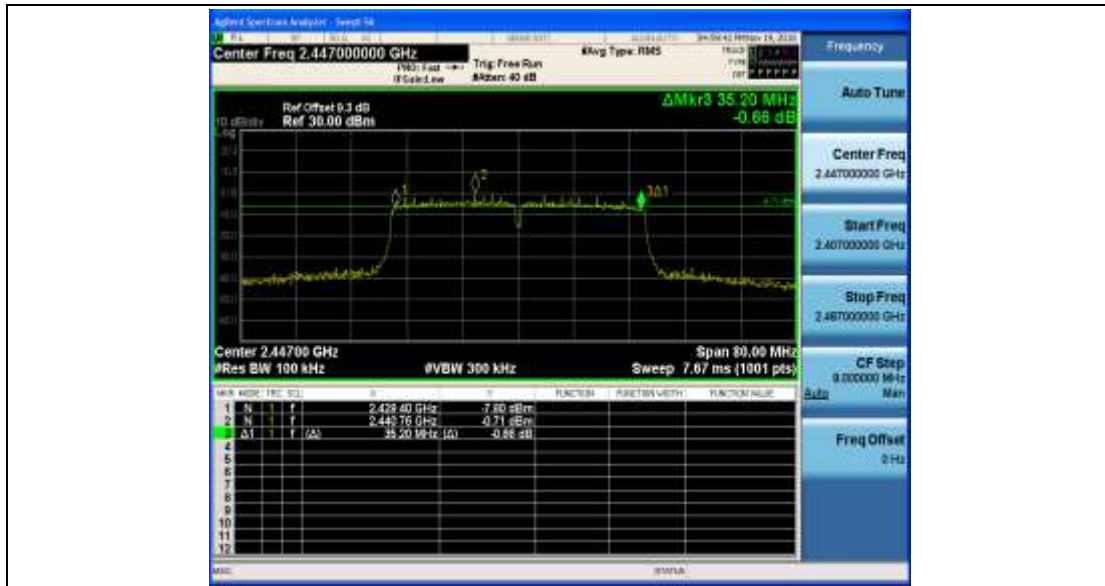
11N40SISO_Ant1_2427



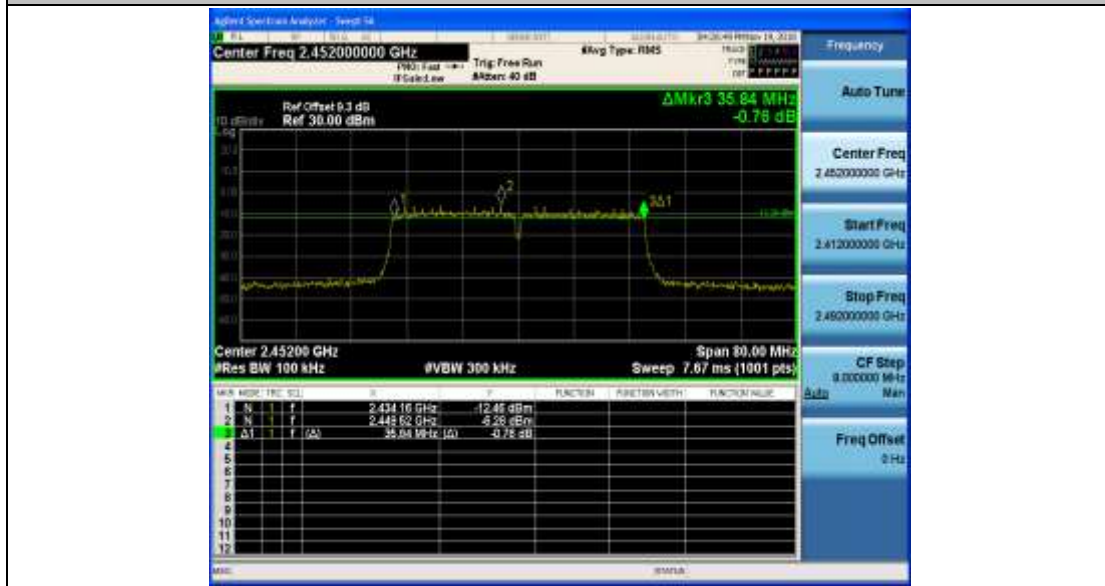
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452





Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.593	2406.267	2417.860	---	PASS
		2437	11.406	2431.412	2442.818	---	PASS
		2462	11.486	2456.453	2467.939	---	PASS
11G	Ant1	2412	16.855	2403.607	2420.462	---	PASS
		2417	16.817	2408.716	2425.533	---	PASS
		2437	16.708	2428.701	2445.409	---	PASS
		2457	16.890	2448.627	2465.517	---	PASS
		2462	16.879	2453.667	2470.546	---	PASS
11N20SISO	Ant1	2412	17.788	2403.154	2420.942	---	PASS
		2417	17.790	2408.200	2425.990	---	PASS
		2437	17.750	2428.183	2445.933	---	PASS
		2457	17.799	2448.173	2465.972	---	PASS
		2462	17.811	2453.187	2470.998	---	PASS
11N40SISO	Ant1	2422	36.123	2404.105	2440.228	---	PASS
		2427	35.957	2409.201	2445.158	---	PASS
		2437	35.853	2419.205	2455.058	---	PASS
		2447	35.990	2429.104	2465.094	---	PASS
		2452	36.138	2434.039	2470.177	---	PASS

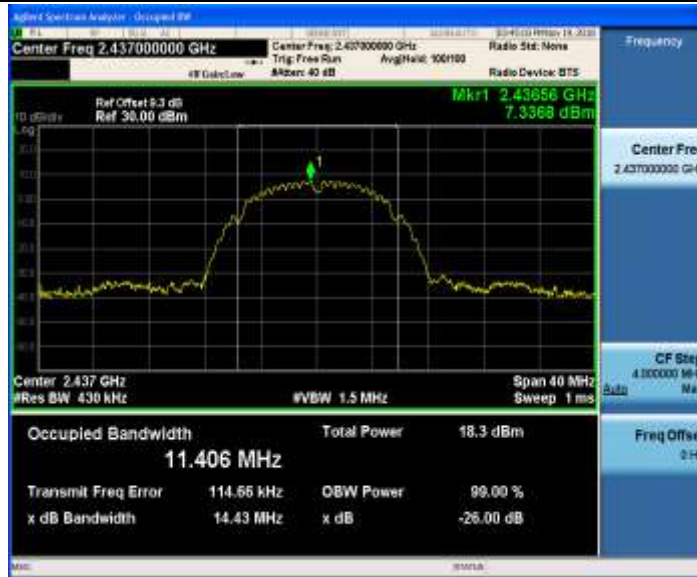


Test Graphs

11B_Ant1_2412



11B_Ant1_2437



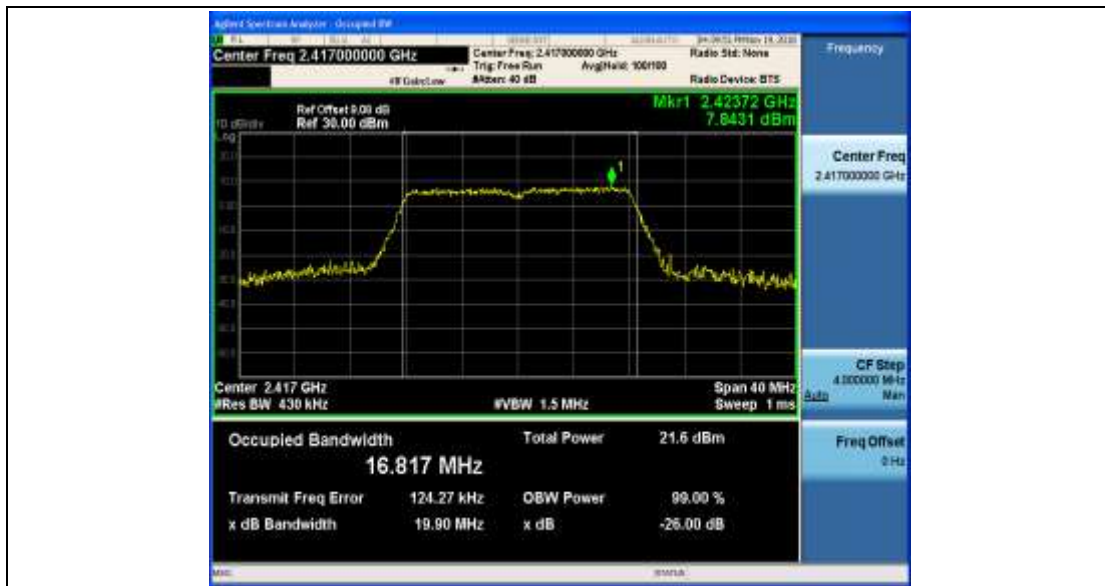
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2417



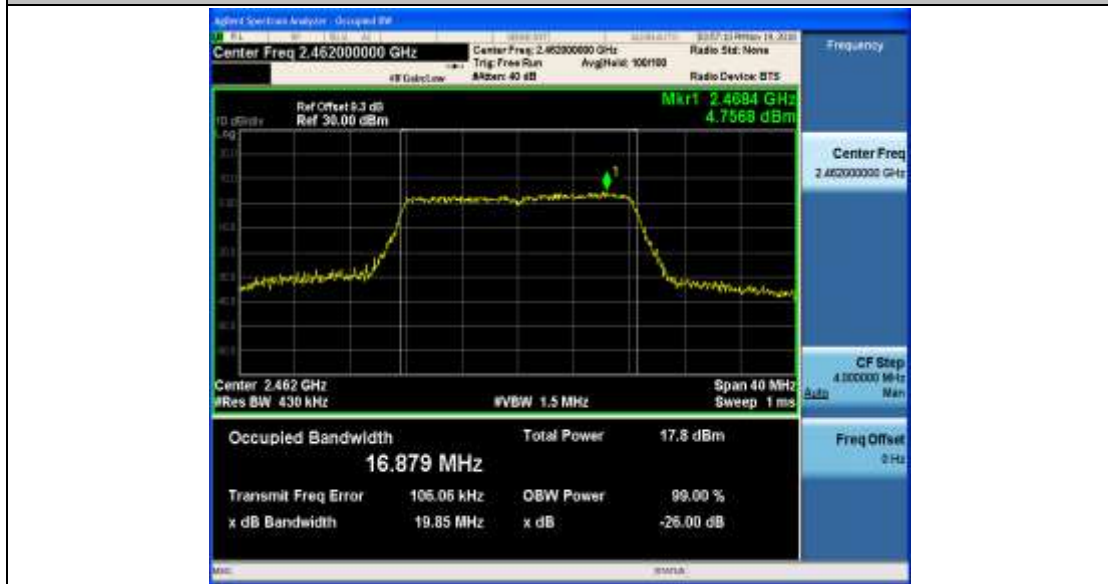
11G_Ant1_2437



11G_Ant1_2457



11G_Ant1_2462



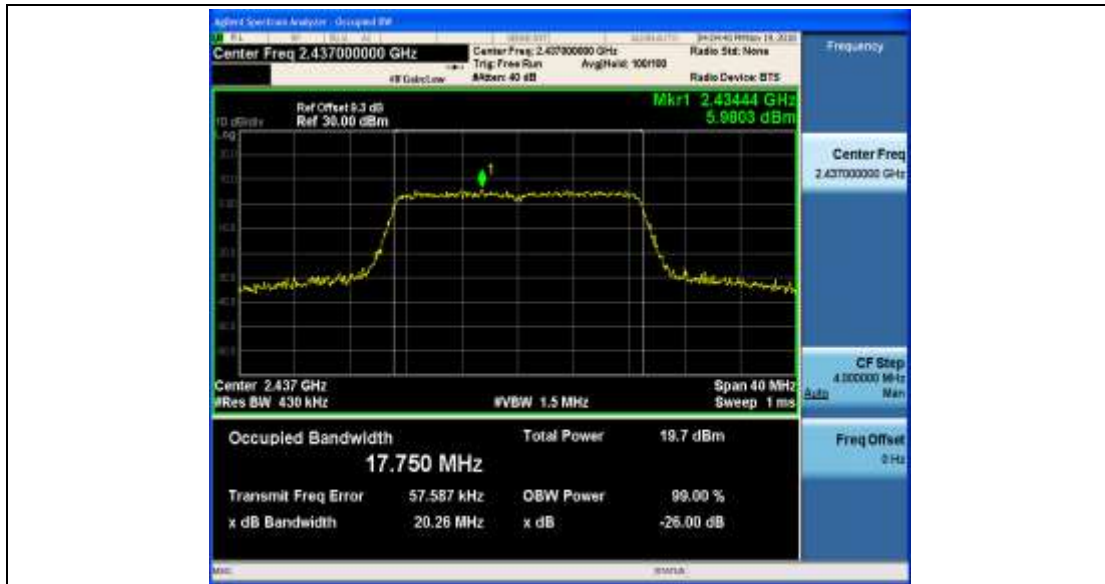
11N20SISO_Ant1_2412



11N20SISO_Ant1_2417



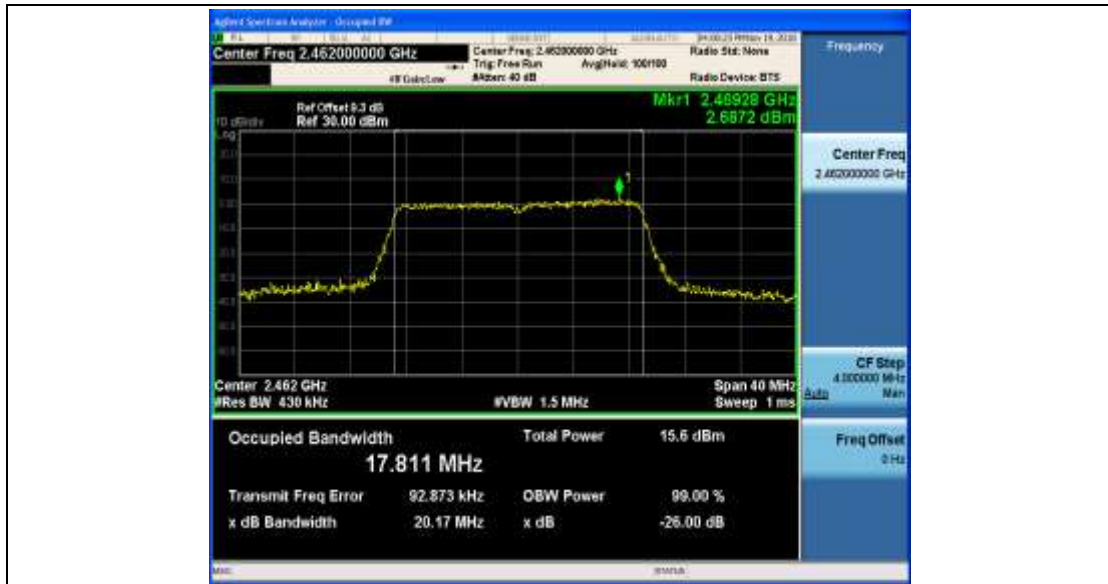
11N20SISO_Ant1_2437



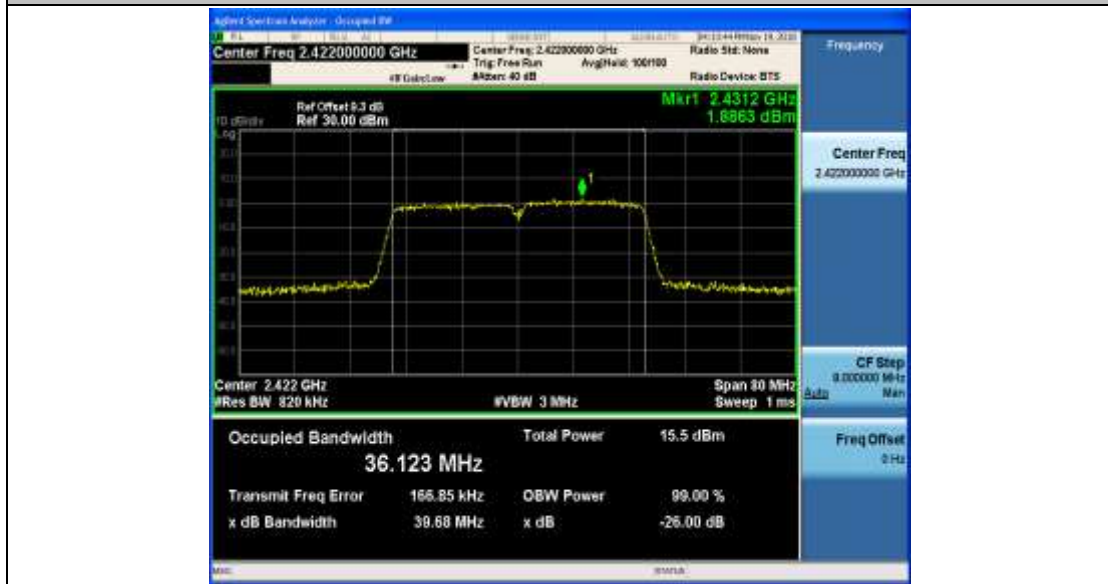
11N20SISO_Ant1_2457



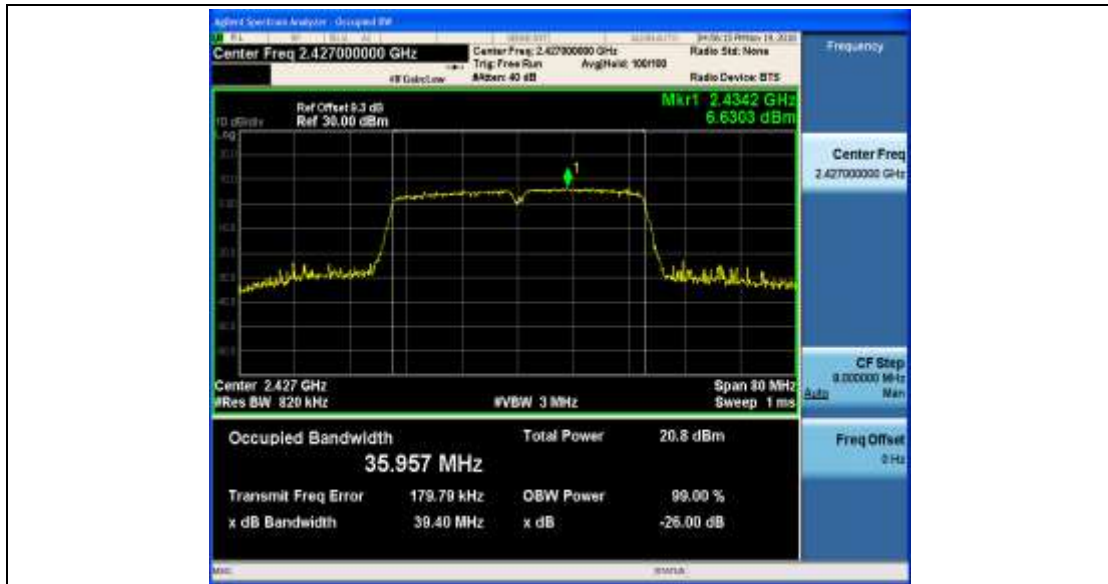
11N20SISO_Ant1_2462



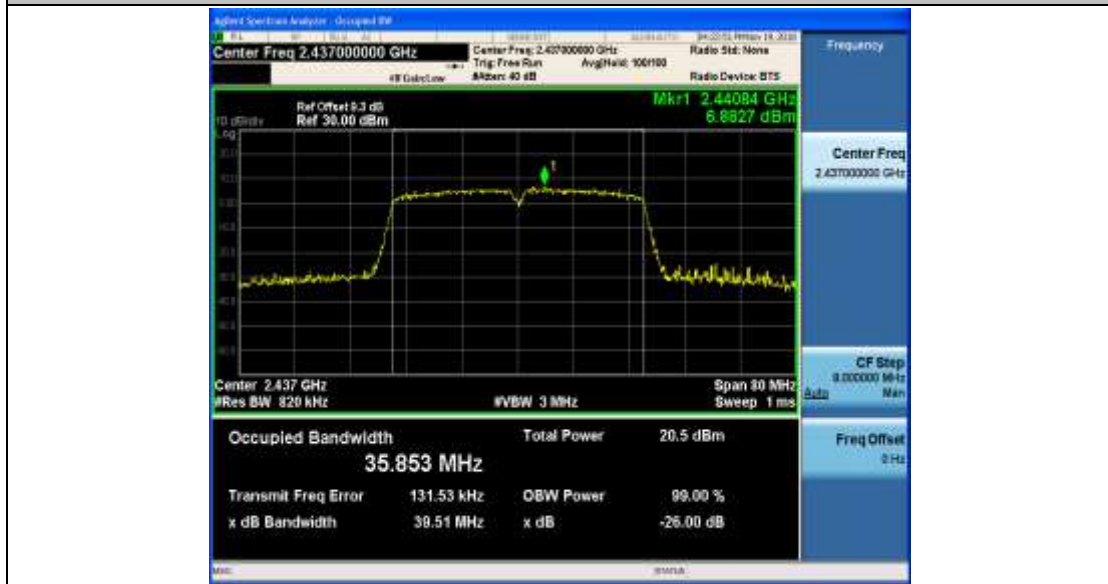
11N40SISO_Ant1_2422



11N40SISO_Ant1_2427



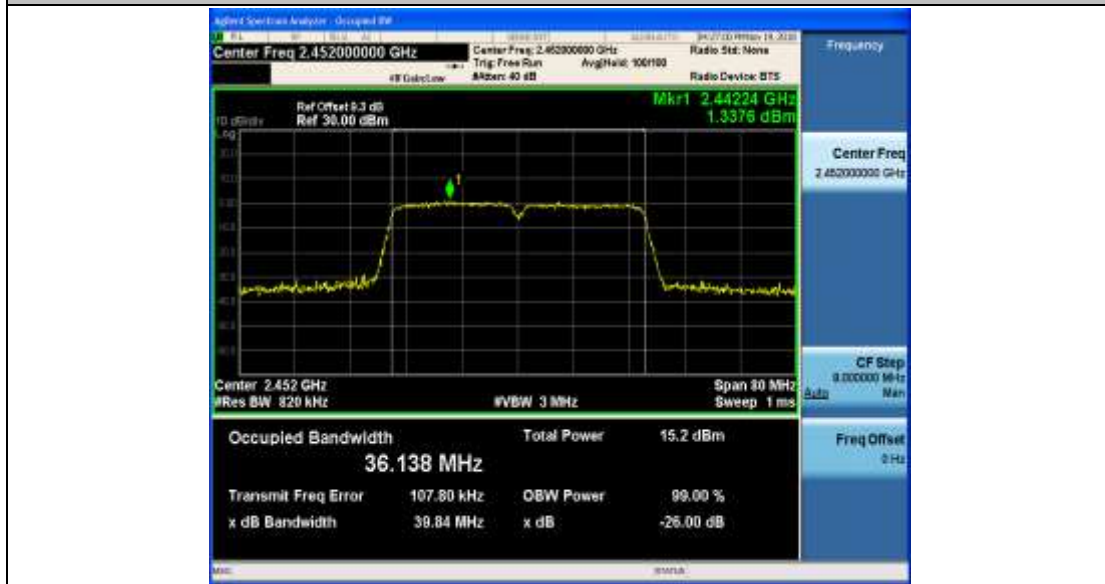
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452





Appendix C: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.60	8.65	99.47
		2437	8.60	8.65	99.47
		2462	8.60	8.65	99.44
11G	Ant1	2412	2.06	2.11	97.72
		2417	2.06	2.11	97.72
		2437	2.06	2.11	97.72
		2457	2.06	2.11	97.72
		2462	2.06	2.11	97.72
11N20SISO	Ant1	2412	2.59	2.64	98.18
		2417	2.59	2.64	98.13
		2437	2.59	2.64	98.18
		2457	2.59	2.64	98.13
		2462	2.59	2.64	98.18
11N40SISO	Ant1	2422	1.27	1.31	96.43
		2427	1.27	1.31	96.43
		2437	1.27	1.31	96.43
		2447	1.27	1.31	96.43
		2452	1.27	1.31	96.43



Test Graphs

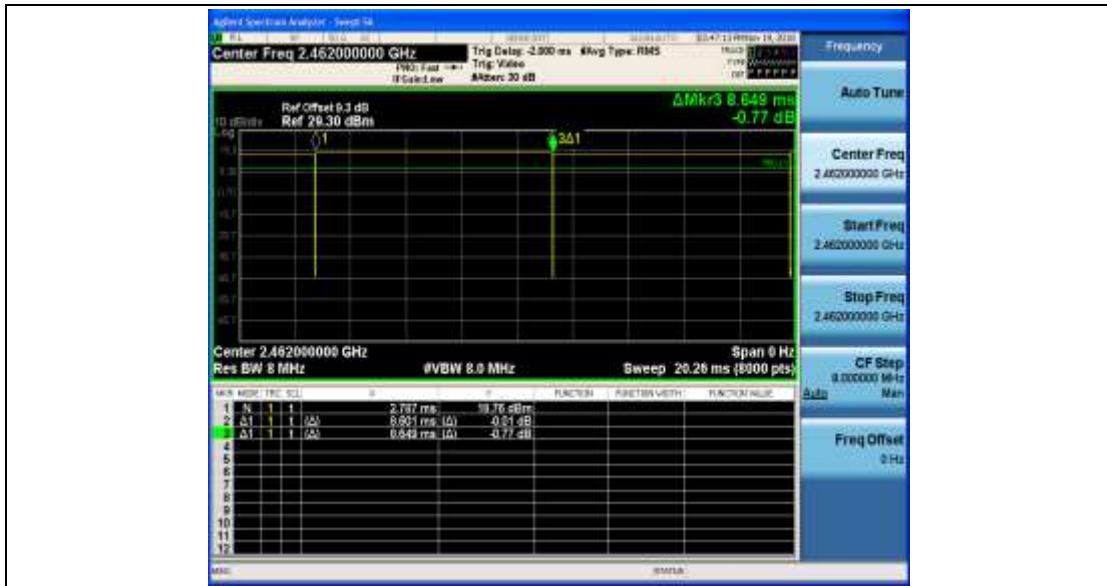
11B_Ant1_2412



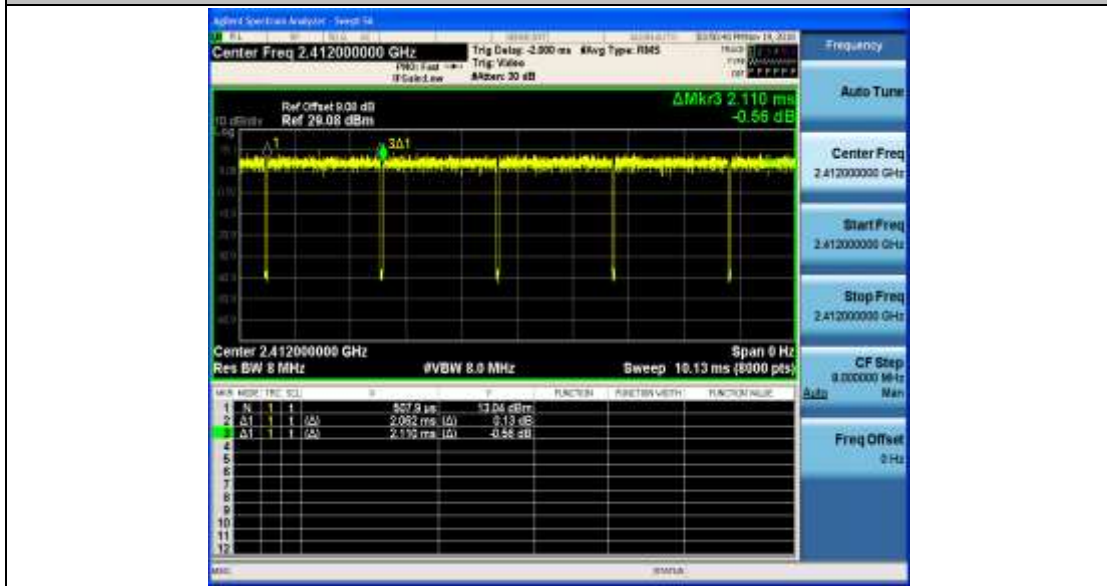
11B_Ant1_2437



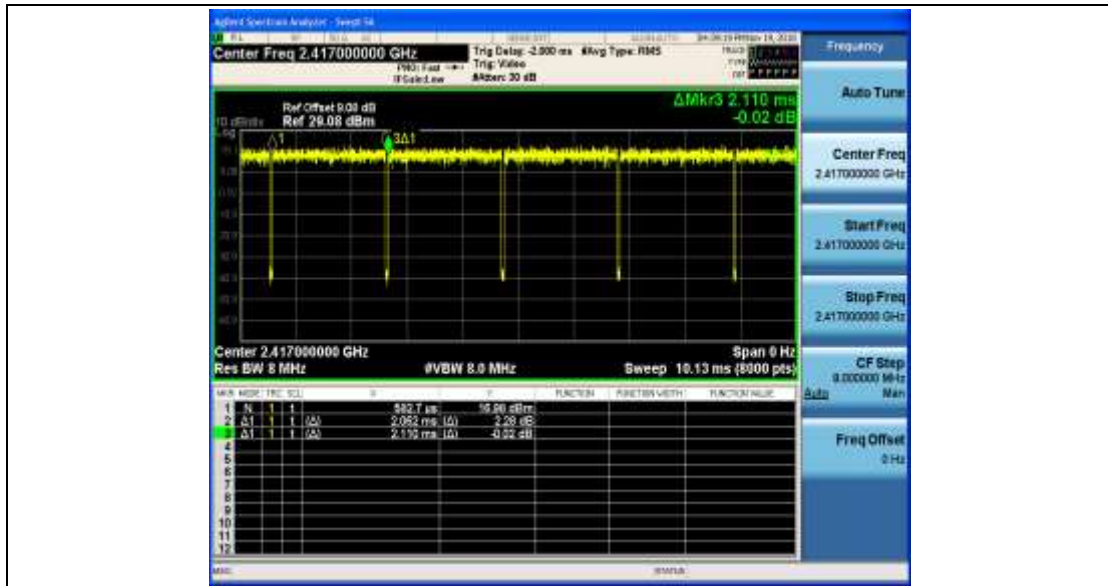
11B_Ant1_2462



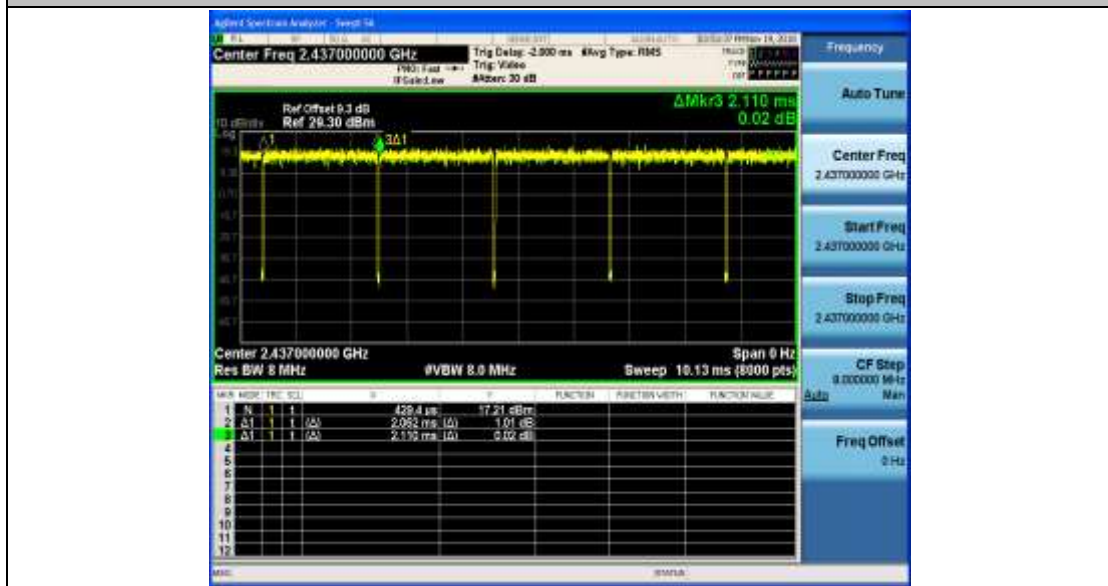
11G_Ant1_2412



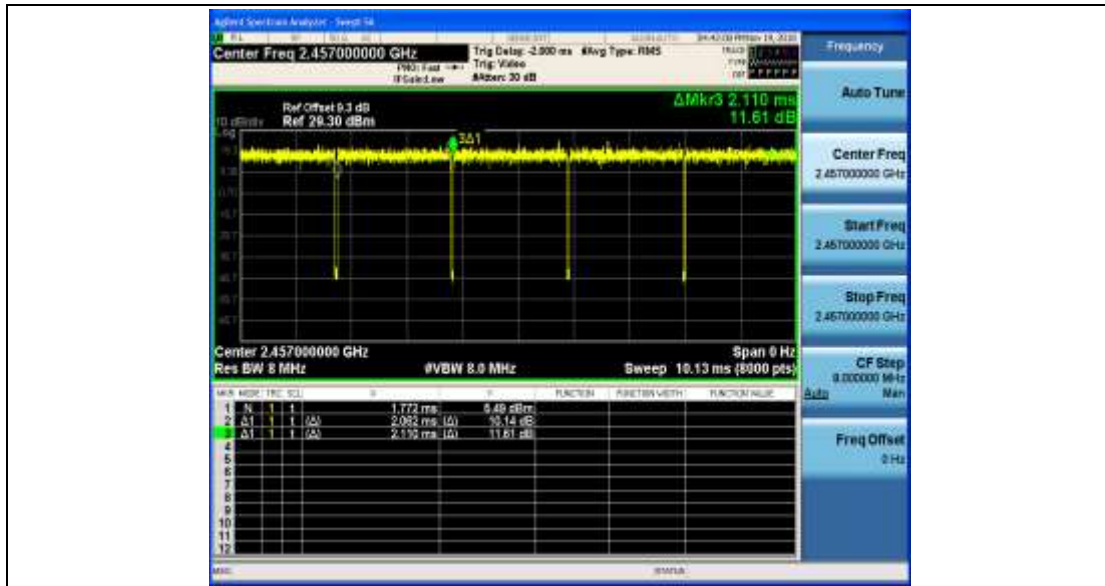
11G_Ant1_2417



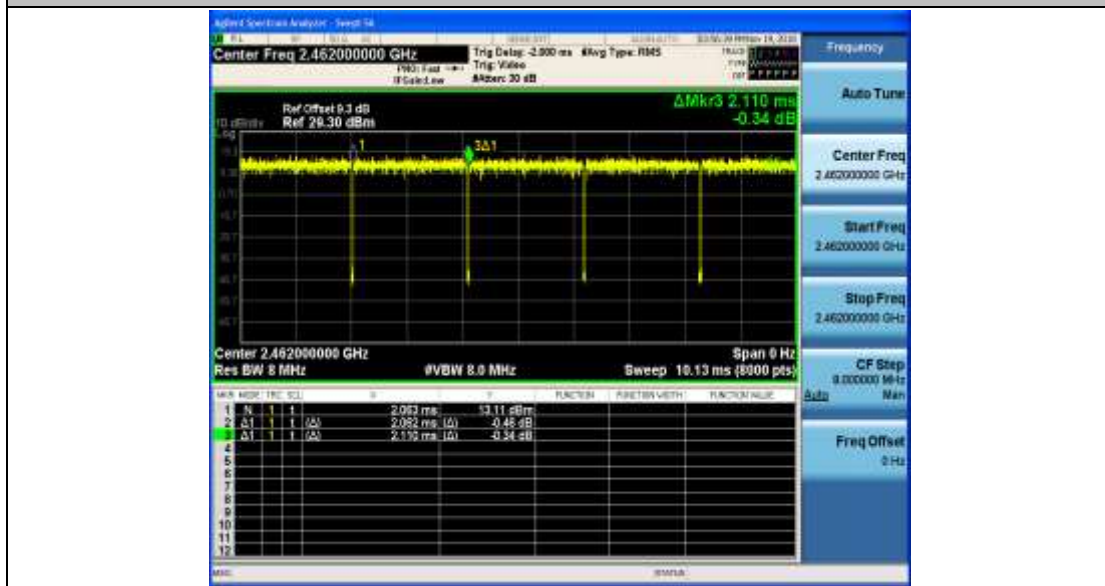
11G_Ant1_2437



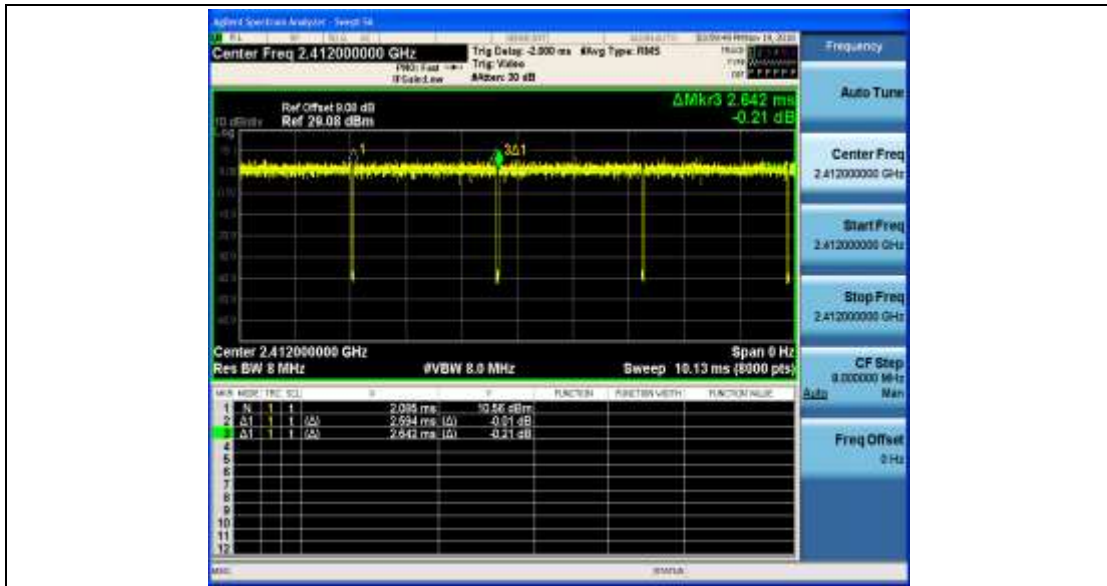
11G_Ant1_2457



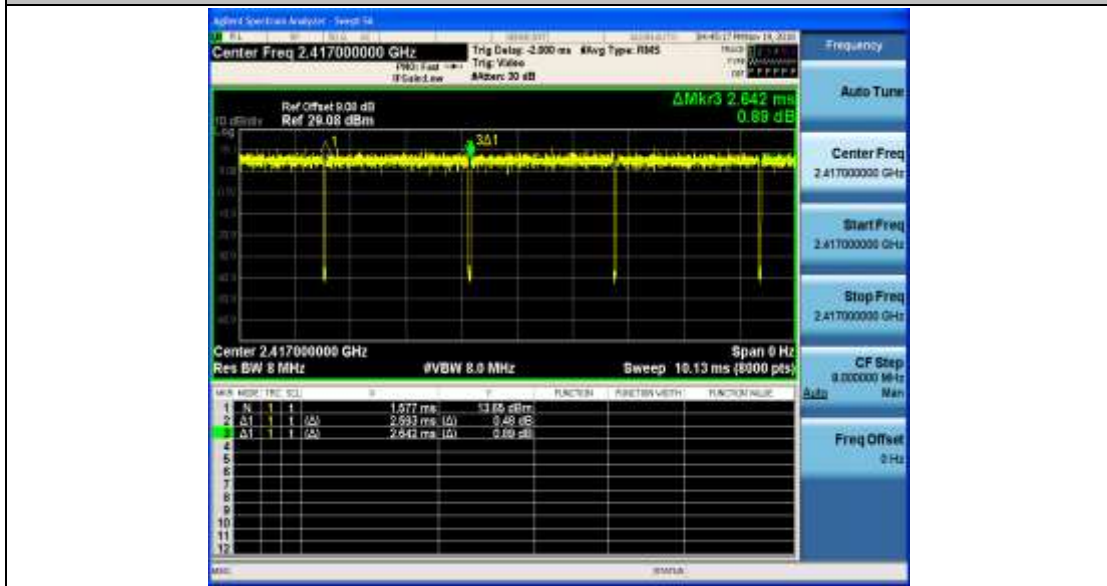
11G_Ant1_2462



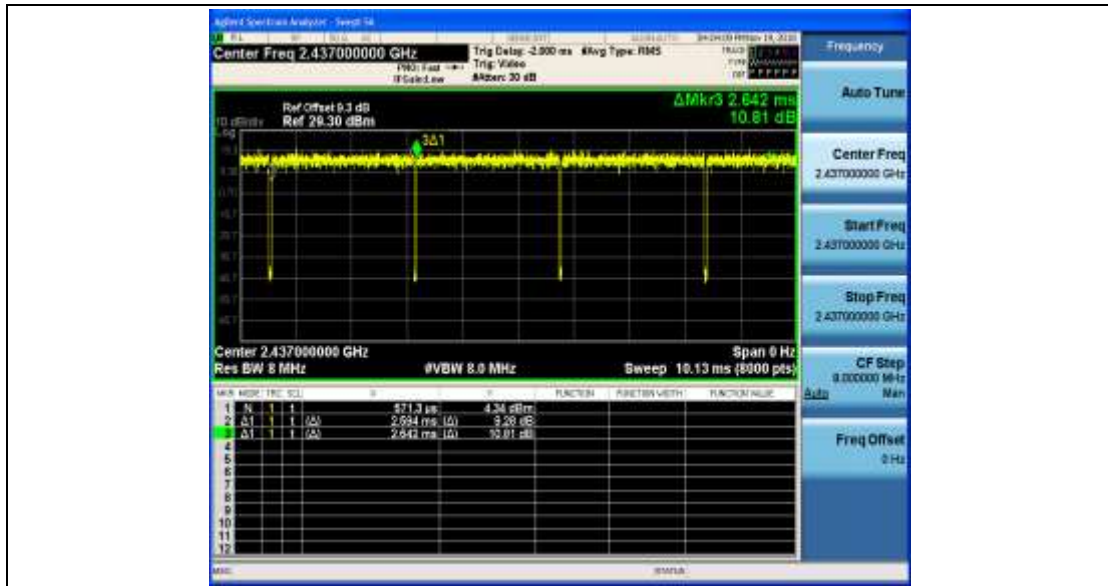
11N20SISO_Ant1_2412



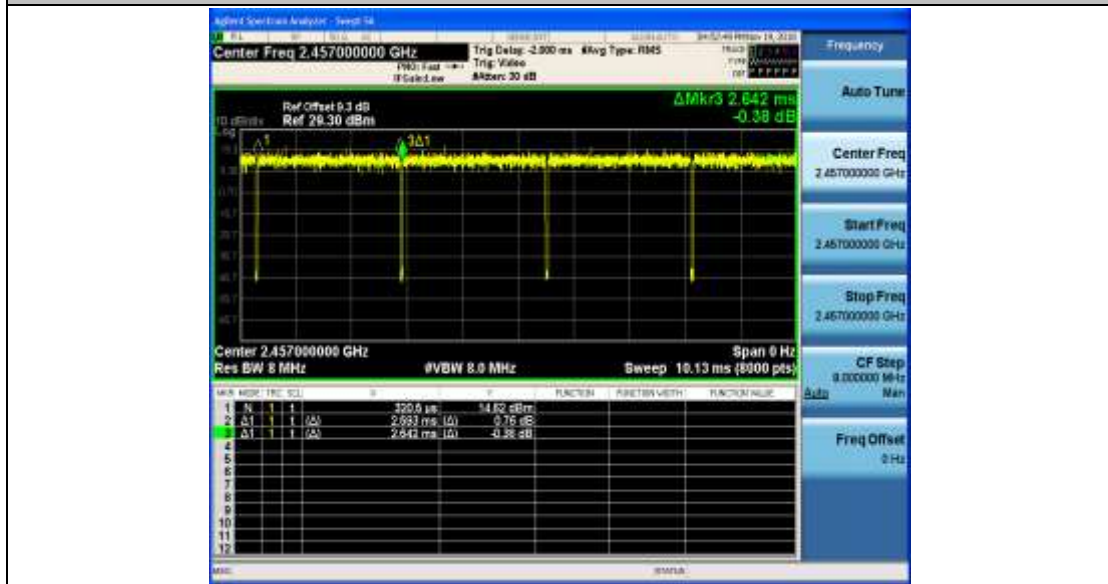
11N20SISO_Ant1_2417



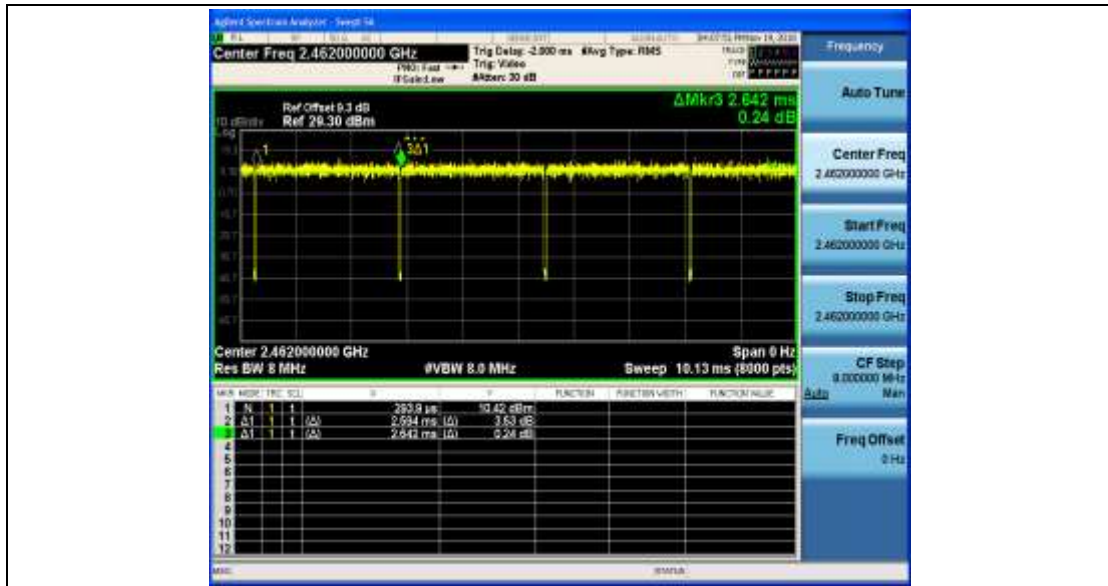
11N20SISO_Ant1_2437



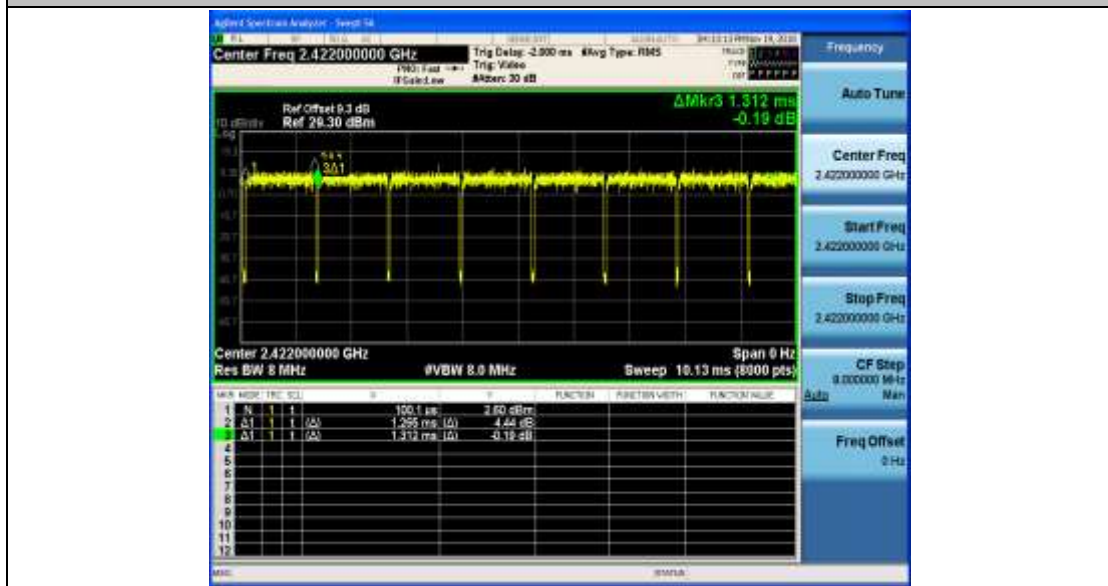
11N20SISO_Ant1_2457



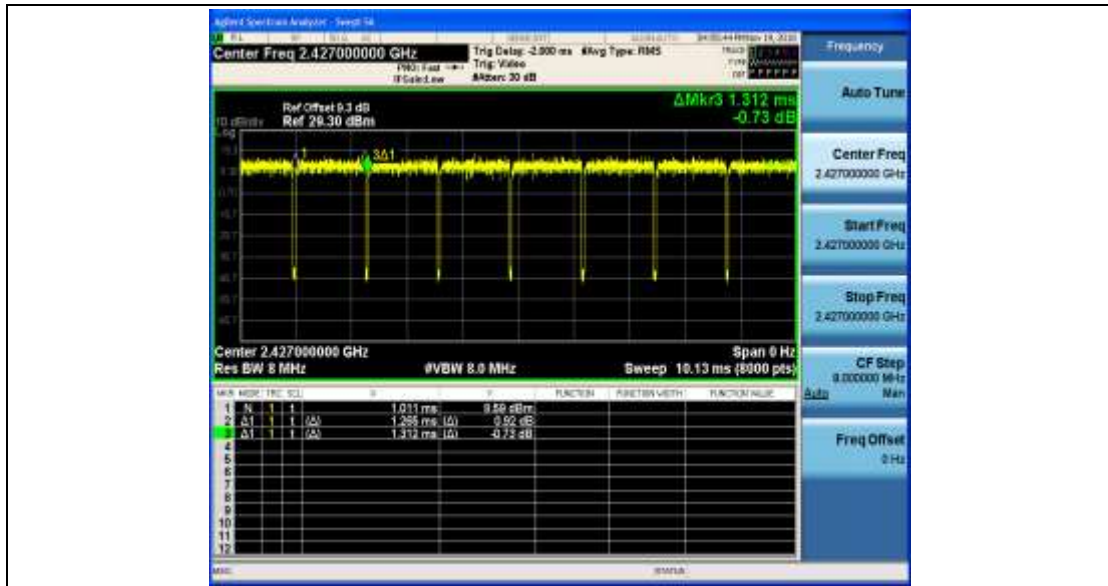
11N20SISO_Ant1_2462



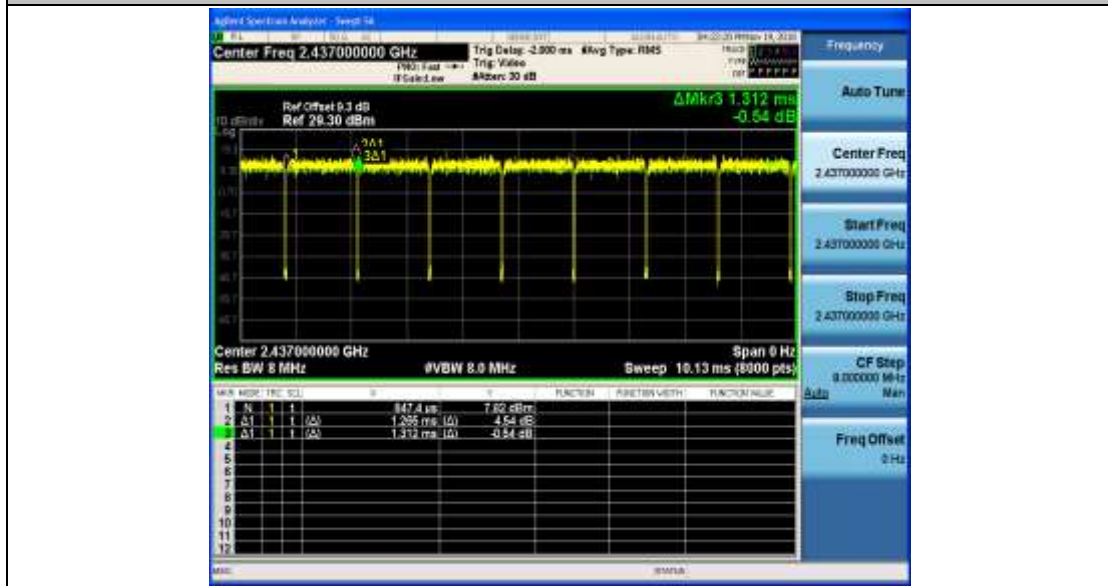
11N40SISO_Ant1_2422



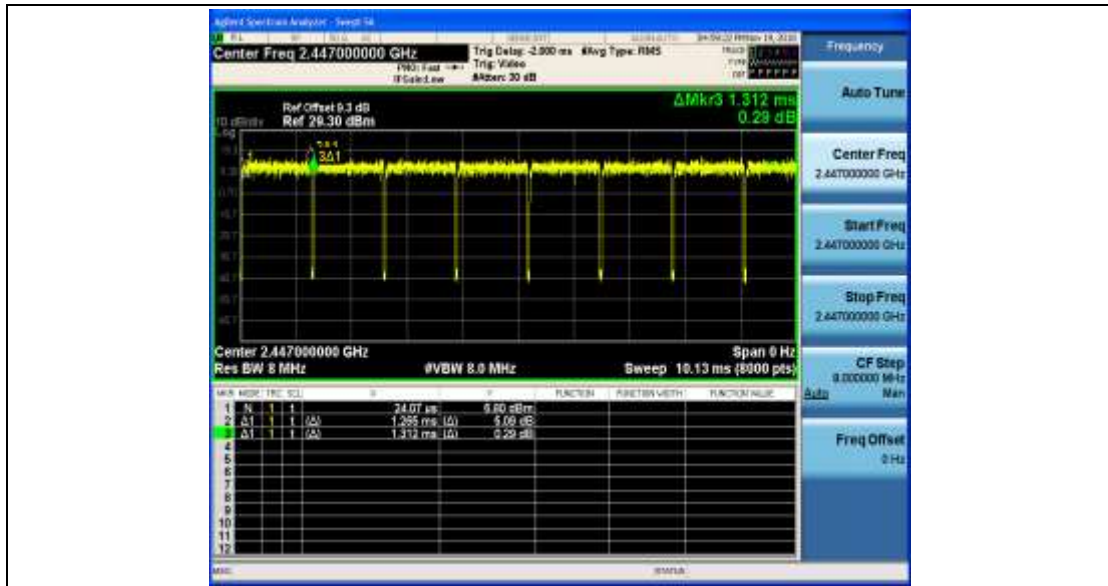
11N40SISO_Ant1_2427



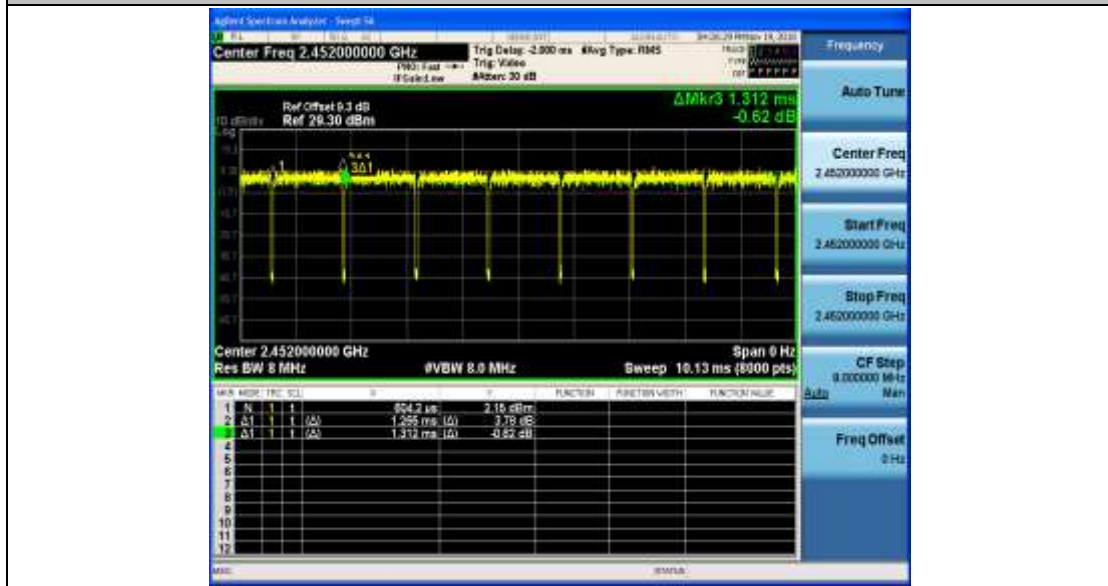
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452





Appendix D: Maximum conducted Average output power

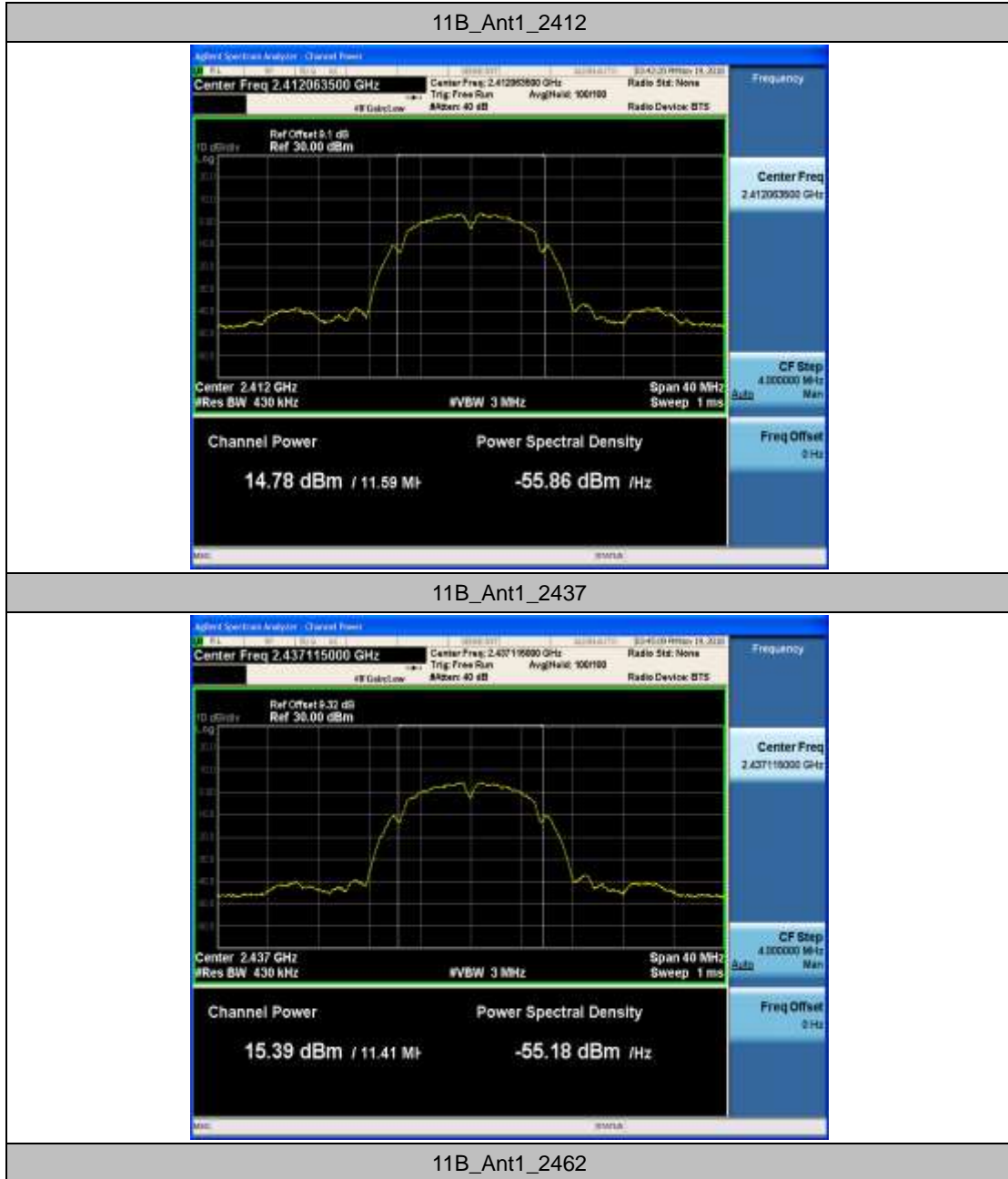
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.78	30	PASS
		2437	15.39	30	PASS
		2462	14.72	30	PASS
11G	Ant1	2412	11.81	30	PASS
		2417	15.56	30	PASS
		2437	15.95	30	PASS
		2457	15.75	30	PASS
		2462	11.85	30	PASS
11N20SISO	Ant1	2412	9.42	30	PASS
		2417	13.09	30	PASS
		2437	13.61	30	PASS
		2457	13.48	30	PASS
		2462	9.47	30	PASS
11N40SISO	Ant1	2422	8.64	30	PASS
		2427	13.94	30	PASS
		2437	13.53	30	PASS
		2447	13.32	30	PASS
		2452	8.31	30	PASS

Note: The Duty Cycle Factor is compensated in the graph.



Test Graphs





11G_Ant1_2412



11G_Ant1_2417



11G_Ant1_2437



11G_Ant1_2457



11G_Ant1_2462



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 E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.54	8	PASS
		2437	-10.56	8	PASS
		2462	-10.89	8	PASS
11G	Ant1	2412	-17.18	8	PASS
		2417	-13.07	8	PASS
		2437	-12.83	8	PASS
		2457	-13.2	8	PASS
		2462	-16.75	8	PASS
11N20SISO	Ant1	2412	-20.03	8	PASS
		2417	-15.8	8	PASS
		2437	-15.41	8	PASS
		2457	-16.1	8	PASS
		2462	-18.79	8	PASS
11N40SISO	Ant1	2422	-22.64	8	PASS
		2427	-17.09	8	PASS
		2437	-17.58	8	PASS
		2447	-18.11	8	PASS
		2452	-23.53	8	PASS

Note: The Duty Cycle Factor is compensated in the graph.



Test Graphs

11B_Ant1_2412



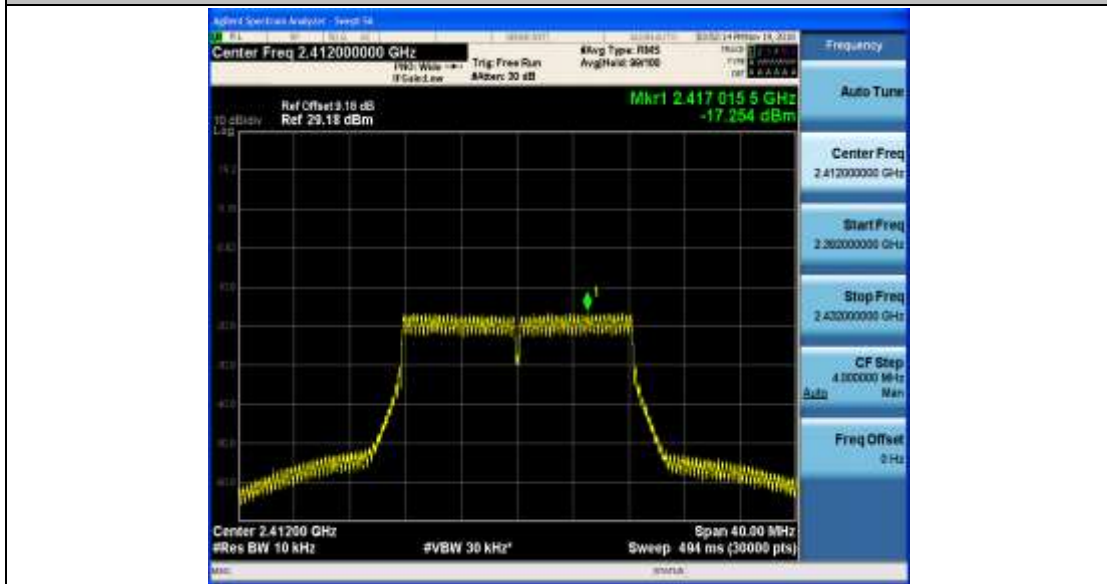
11B_Ant1_2437



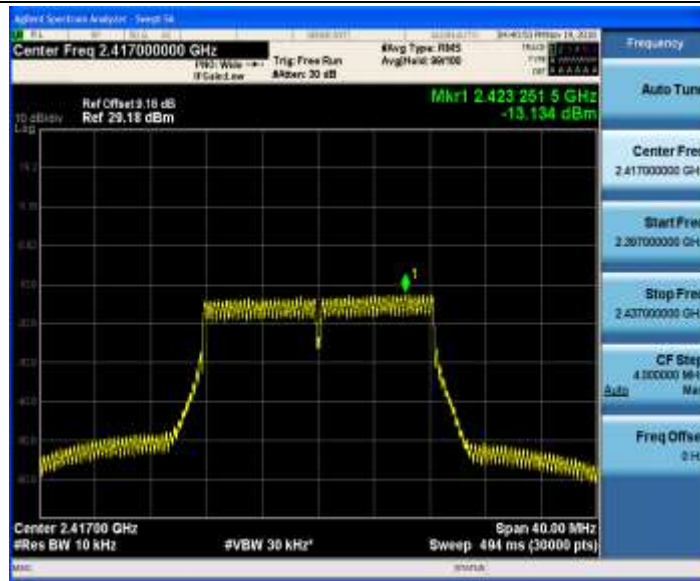
11B_Ant1_2462



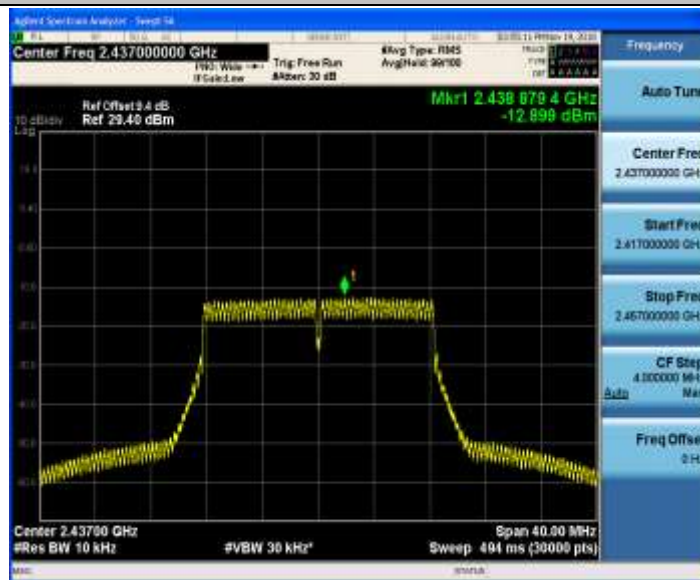
11G_Ant1_2412



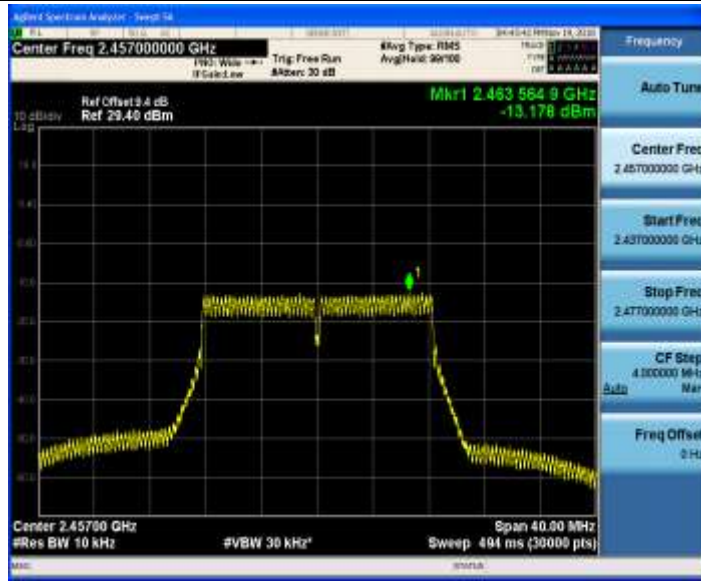
11G_Ant1_2417



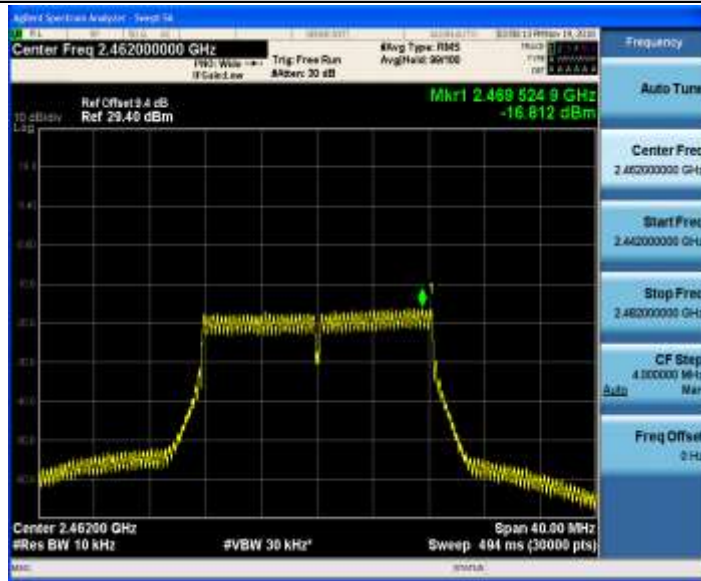
11G_Ant1_2437



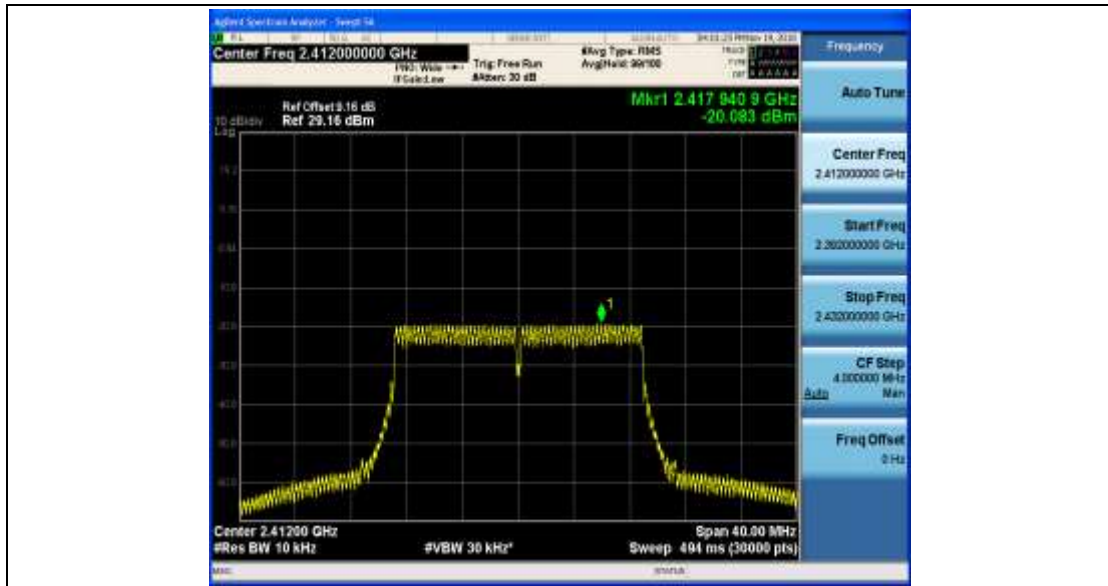
11G_Ant1_2457



11G_Ant1_2462



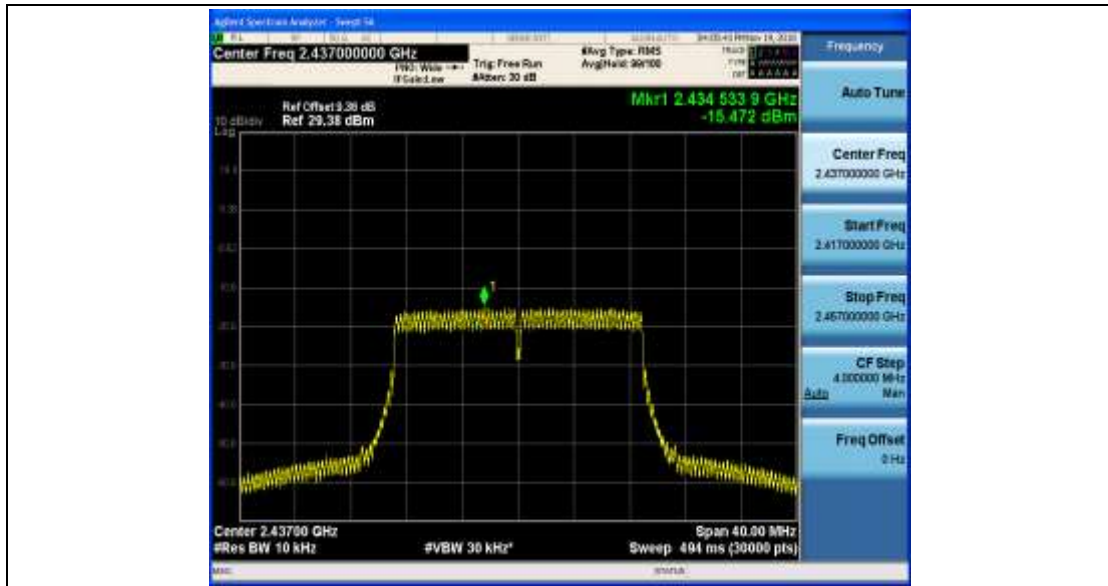
11N20SISO_Ant1_2412



11N20SISO_Ant1_2417



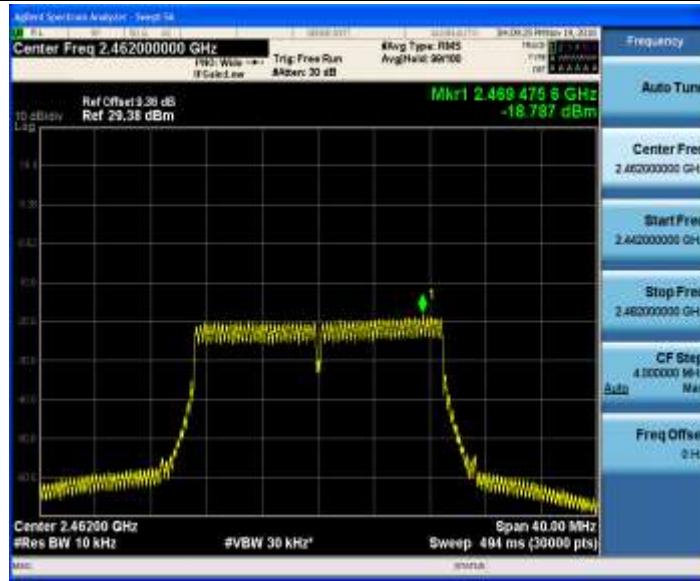
11N20SISO_Ant1_2437



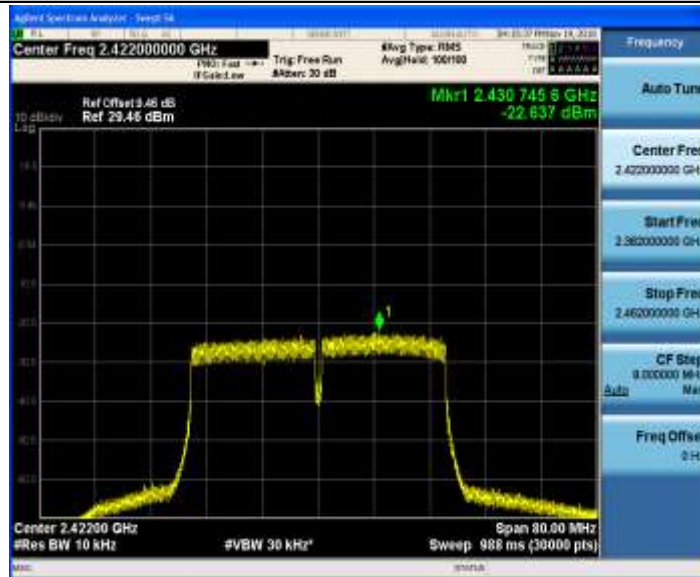
11N20SISO_Ant1_2457



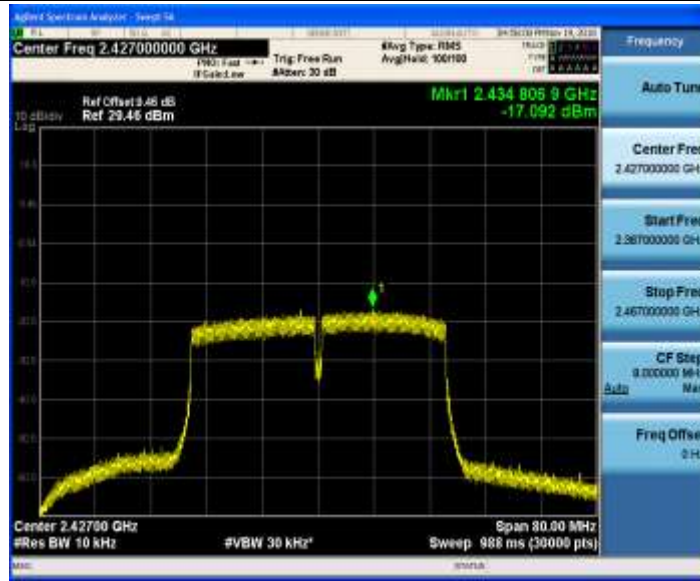
11N20SISO_Ant1_2462



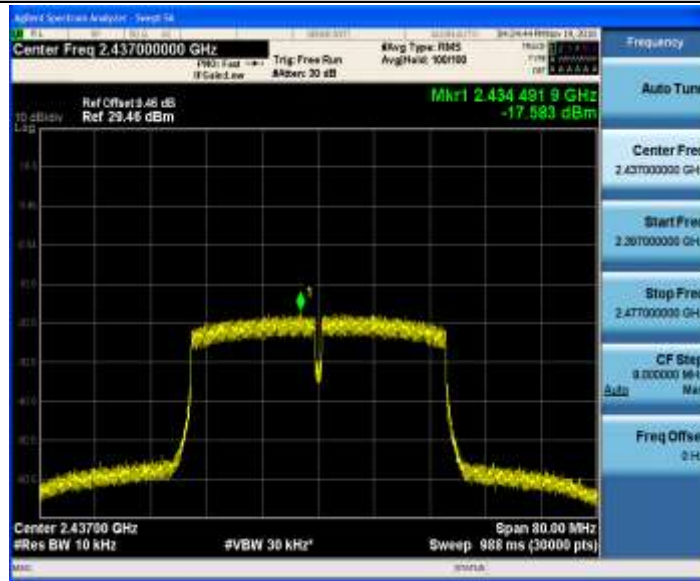
11N40SISO_Ant1_2422



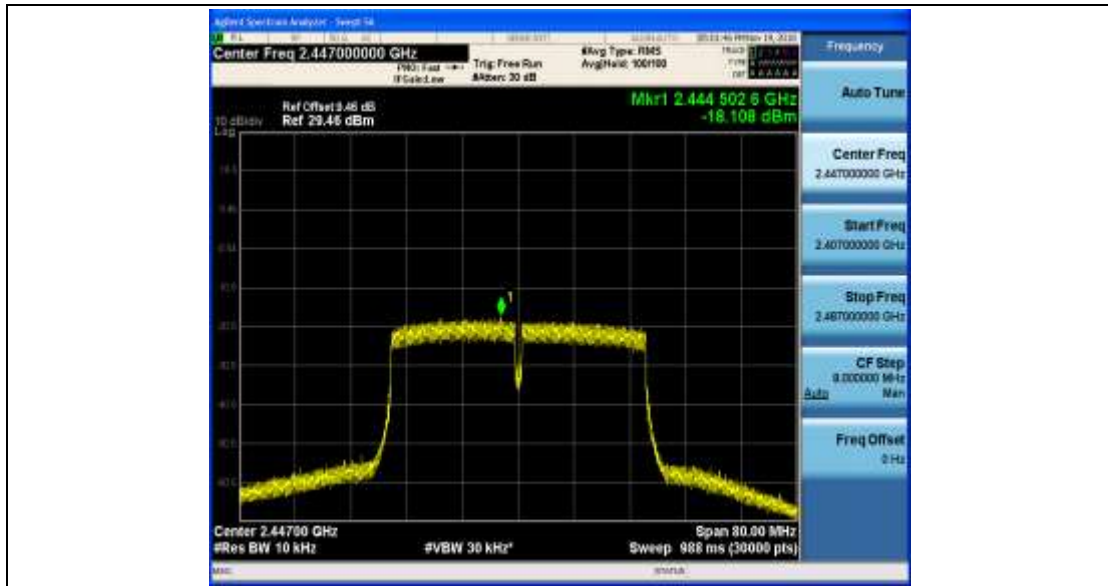
11N40SISO_Ant1_2427



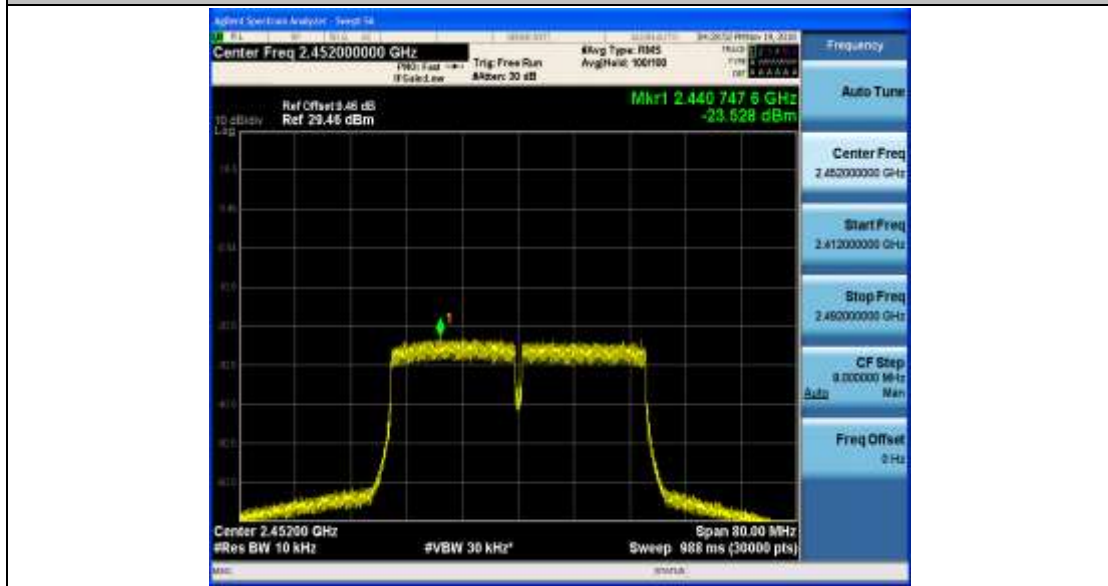
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452





Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.12	-36.85	-23.88	PASS
		High	2462	6.35	-50.15	-23.65	PASS
11G	Ant1	Low	2412	0.00	-34.19	-30	PASS
			2417	4.41	-33.15	-25.59	PASS
		High	2457	4.17	-46.16	-25.83	PASS
			2462	1.01	-46.73	-28.99	PASS
11N20SISO	Ant1	Low	2412	-1.99	-38.95	-31.99	PASS
			2417	1.86	-36.72	-28.14	PASS
		High	2457	1.83	-48.41	-28.17	PASS
			2462	-1.65	-49.26	-31.65	PASS
11N40SISO	Ant1	Low	2422	-5.31	-42.09	-35.31	PASS
			2427	0.11	-35.74	-29.89	PASS
		High	2447	-0.70	-44.65	-30.7	PASS
			2452	-5.31	-47.05	-35.31	PASS



Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_Low_2417



11G_Ant1_High_2457



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_Low_2417



11N20SISO_Ant1_High_2457



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_Low_2427



11N40SISO_Ant1_High_2447



11N40SISO_Ant1_High_2452



**Appendix G: Unwanted Emissions into Non-Restricted****Frequency Bands****Test Result**

TestMode	Antenna	Channel	FreqRange	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	Reference	6.42	6.42	---	PASS
			0.009~30	0.009~30	-73.31	-33.58	PASS
			30~1000	30~1000	-63.38	-23.58	PASS
			1000~26500	1000~26500	-37.72	-23.58	PASS
		2437	Reference	6.86	6.86	---	PASS
			0.009~30	0.009~30	-75.29	-33.14	PASS
			30~1000	30~1000	-62.62	-23.14	PASS
			1000~26500	1000~26500	-37.8	-23.14	PASS
		2462	Reference	6.21	6.21	---	PASS
			0.009~30	0.009~30	-73.85	-33.79	PASS
			30~1000	30~1000	-62.92	-23.79	PASS
			1000~26500	1000~26500	-37.3	-23.79	PASS
11G	Ant1	2412	Reference	-0.55	-0.55	---	PASS
			0.009~30	0.009~30	-73.86	-40.55	PASS
			30~1000	30~1000	-63.17	-30.55	PASS
			1000~26500	1000~26500	-37.86	-30.55	PASS
		2417	Reference	4.45	4.45	---	PASS
			0.009~30	0.009~30	-74.91	-35.55	PASS
			30~1000	30~1000	-62.36	-25.55	PASS
			1000~26500	1000~26500	-37.96	-25.55	PASS
		2437	Reference	4.15	4.15	---	PASS
			0.009~30	0.009~30	-74.34	-35.85	PASS
			30~1000	30~1000	-63.04	-25.85	PASS
			1000~26500	1000~26500	-37.14	-25.85	PASS



		2457	Reference	3.88	3.88	---	PASS
			0.009~30	0.009~30	-74.91	-36.12	PASS
			30~1000	30~1000	-61.36	-26.12	PASS
			1000~2650 0	1000~26500	-37.76	-26.12	PASS
		2462	Reference	0.71	0.71	---	PASS
			0.009~30	0.009~30	-74.58	-39.29	PASS
			30~1000	30~1000	-63.52	-29.29	PASS
			1000~2650 0	1000~26500	-37.15	-29.29	PASS
11N20SIS O	Ant1	2412	Reference	-2.54	-2.54	---	PASS
			0.009~30	0.009~30	-74.8	-42.54	PASS
			30~1000	30~1000	-62.55	-32.54	PASS
			1000~2650 0	1000~26500	-38.04	-32.54	PASS
		2417	Reference	1.20	1.20	---	PASS
			0.009~30	0.009~30	-74.29	-38.8	PASS
			30~1000	30~1000	-63.03	-28.8	PASS
			1000~2650 0	1000~26500	-38.19	-28.8	PASS
		2437	Reference	1.62	1.62	---	PASS
			0.009~30	0.009~30	-74.49	-38.38	PASS
			30~1000	30~1000	-62.23	-28.38	PASS
			1000~2650 0	1000~26500	-37.56	-28.38	PASS
		2457	Reference	1.90	1.90	---	PASS
			0.009~30	0.009~30	-75	-38.1	PASS
			30~1000	30~1000	-62.57	-28.1	PASS
			1000~2650 0	1000~26500	-37.71	-28.1	PASS
		2462	Reference	-1.78	-1.78	---	PASS
			0.009~30	0.009~30	-74.45	-41.78	PASS
			30~1000	30~1000	-62.99	-31.78	PASS
			1000~2650 0	1000~26500	-36.77	-31.78	PASS
11N40SIS O	Ant1	2422	Reference	-5.27	-5.27	---	PASS
			0.009~30	0.009~30	-74.5	-45.27	PASS
			30~1000	30~1000	-63.05	-35.27	PASS



			1000~2650 0	1000~26500	-37.54	-35.27	PASS
		2427	Reference	-0.08	-0.08	---	PASS
			0.009~30	0.009~30	-74.59	-40.08	PASS
			30~1000	30~1000	-62.85	-30.08	PASS
			1000~2650 0	1000~26500	-37.22	-30.08	PASS
		2437	Reference	-0.49	-0.49	---	PASS
			0.009~30	0.009~30	-74.88	-40.49	PASS
			30~1000	30~1000	-62.56	-30.49	PASS
			1000~2650 0	1000~26500	-36.96	-30.49	PASS
		2447	Reference	-0.77	-0.77	---	PASS
			0.009~30	0.009~30	-74.05	-40.77	PASS
			30~1000	30~1000	-62.18	-30.77	PASS
			1000~2650 0	1000~26500	-37.34	-30.77	PASS
		2452	Reference	-5.97	-5.97	---	PASS
			0.009~30	0.009~30	-74.54	-45.97	PASS
			30~1000	30~1000	-62.85	-35.97	PASS
			1000~2650 0	1000~26500	-38.11	-35.97	PASS



Test Graphs

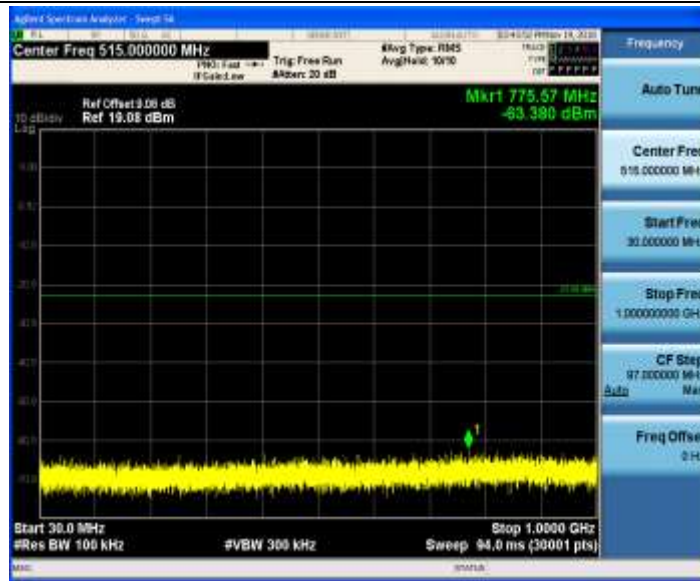
11B_Ant1_2412_0~Reference



11B_Ant1_2412_0.009~30



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



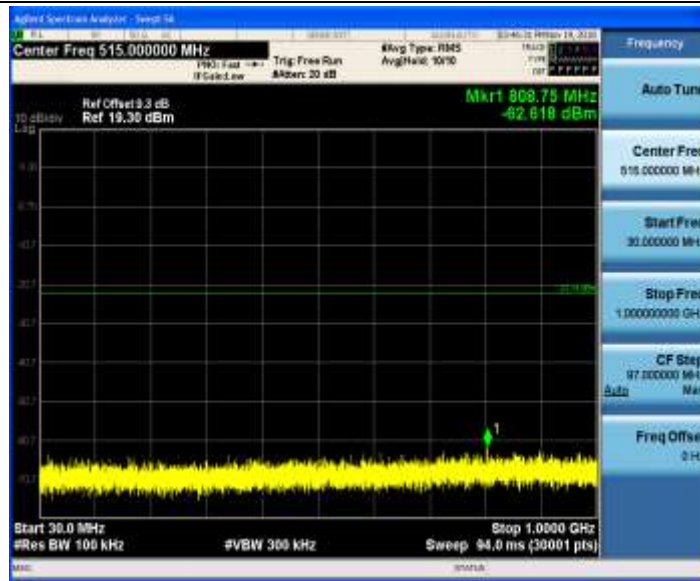
11B_Ant1_2437_0~Reference



11B_Ant1_2437_0.009~30



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



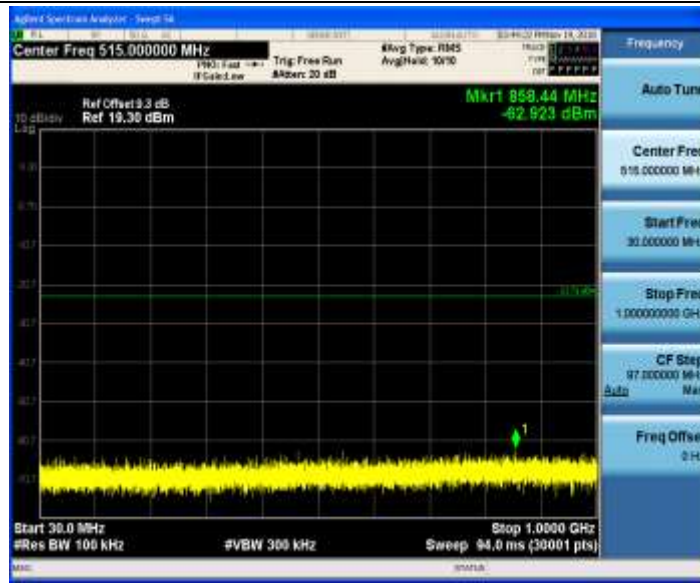
11B_Ant1_2462_0~Reference



11B_Ant1_2462_0.009~30



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



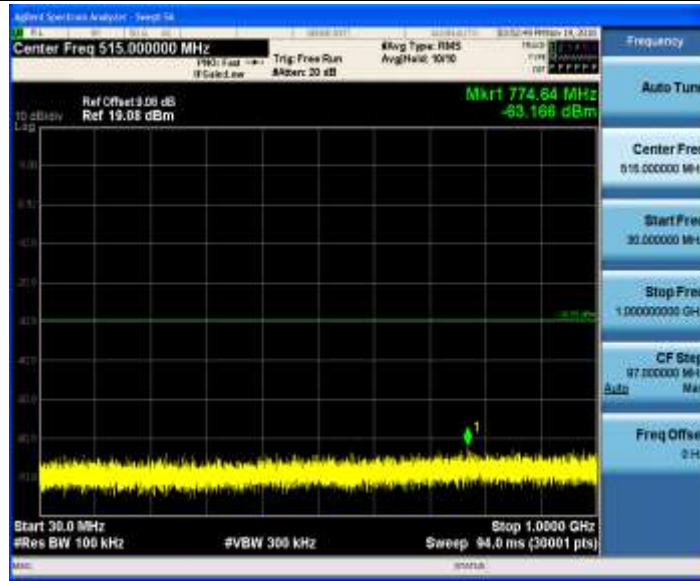
11G_Ant1_2412_0~Reference



11G_Ant1_2412_0.009~30



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



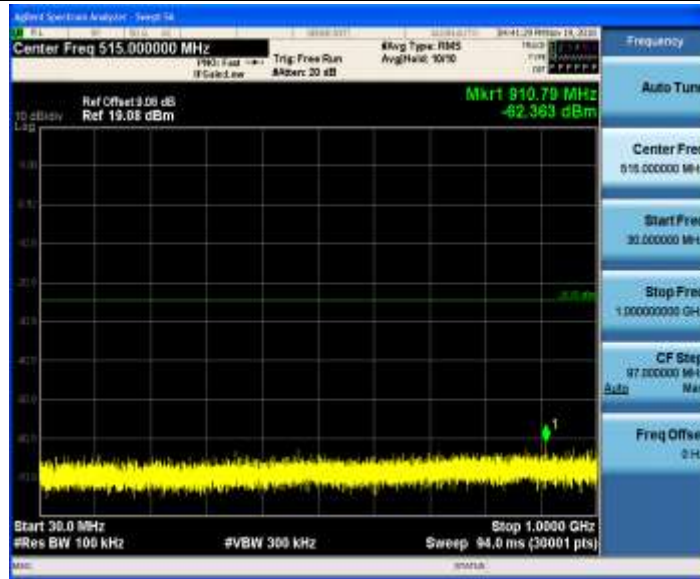
11G_Ant1_2417_0~Reference



11G_Ant1_2417_0.009~30



11G_Ant1_2417_30~1000



11G_Ant1_2417_1000~26500



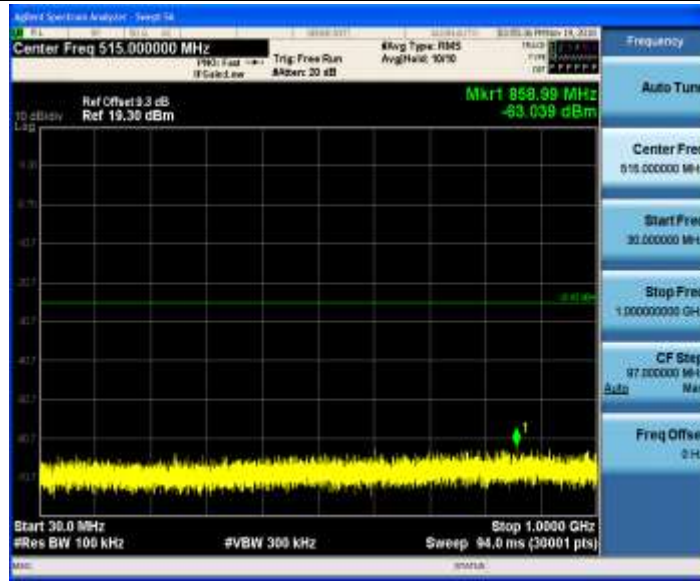
11G_Ant1_2437_0~Reference



11G_Ant1_2437_0.009~30



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



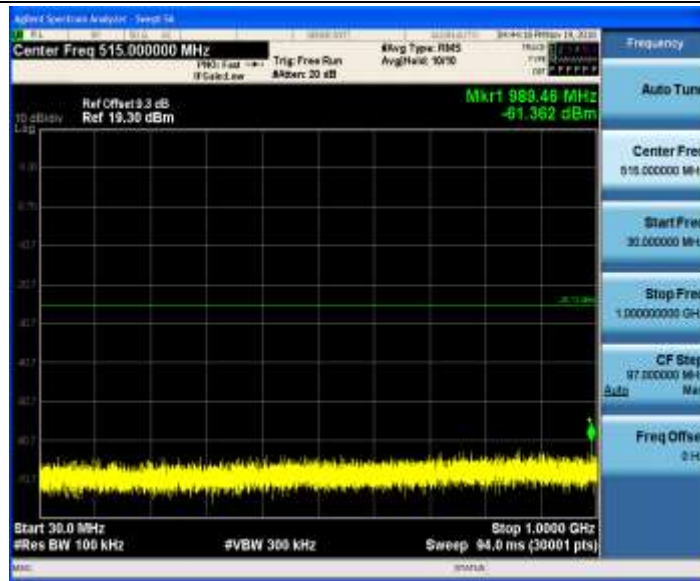
11G_Ant1_2457_0~Reference



11G_Ant1_2457_0.009~30



11G_Ant1_2457_30~1000



11G_Ant1_2457_1000~26500



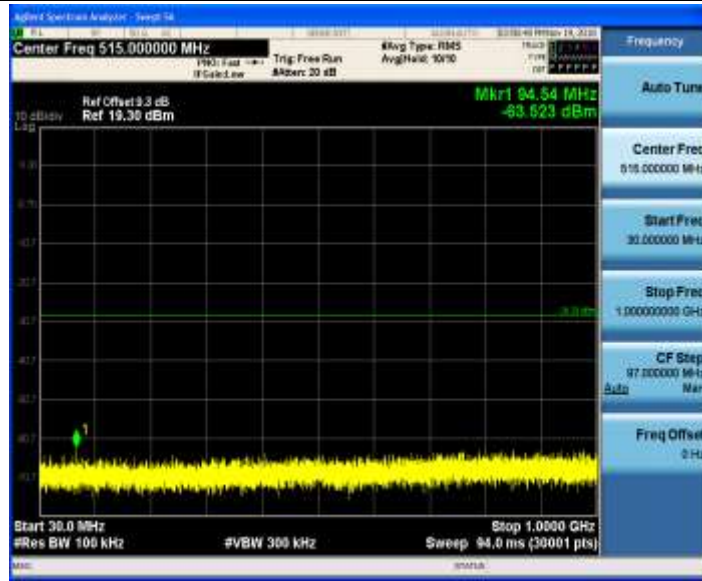
11G_Ant1_2462_0~Reference



11G_Ant1_2462_0.009~30



11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500



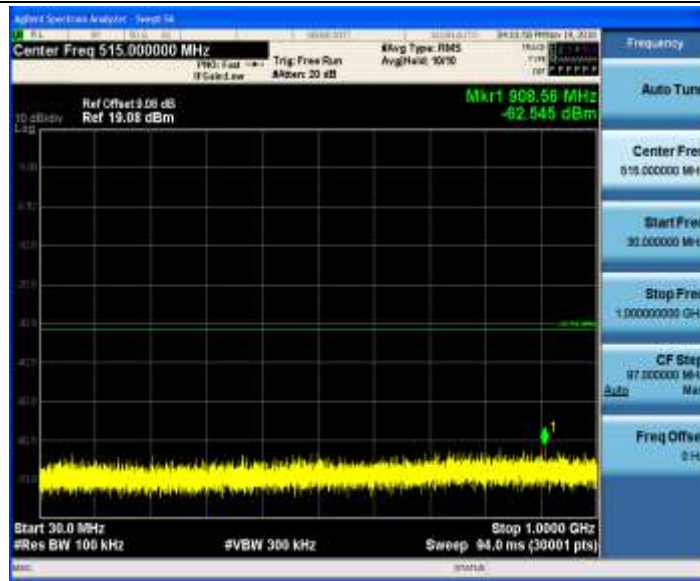
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_0.009~30



11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500



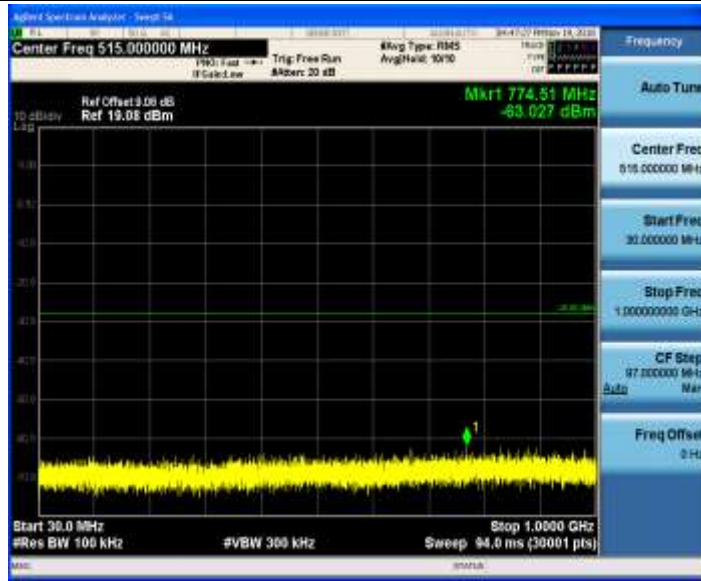
11N20SISO_Ant1_2417_0~Reference



11N20SISO_Ant1_2417_0.009~30



11N20SISO_Ant1_2417_30~1000



11N20SISO_Ant1_2417_1000~26500



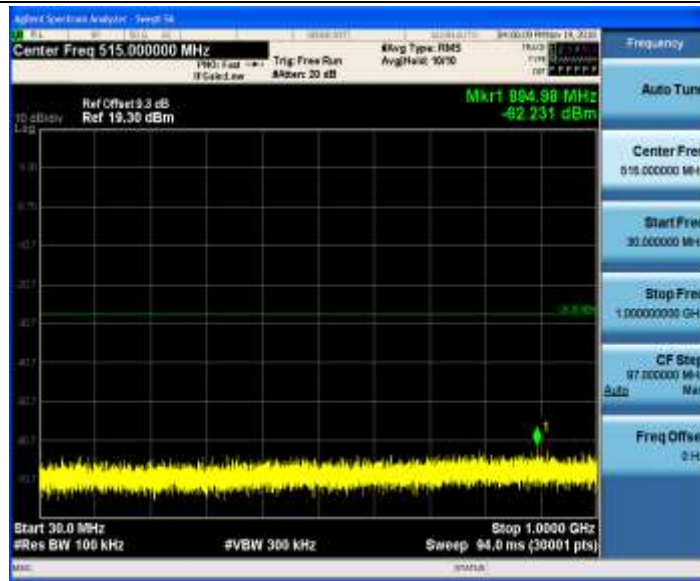
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_0.009~30



11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500



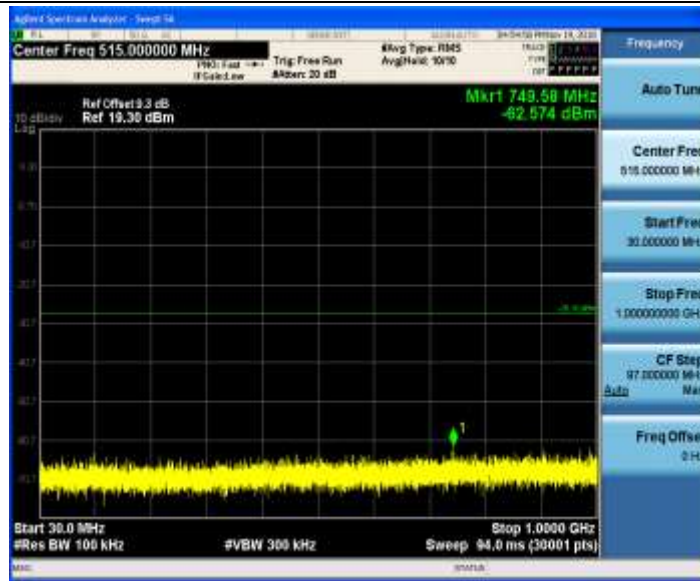
11N20SISO_Ant1_2457_0~Reference



11N20SISO_Ant1_2457_0.009~30



11N20SISO_Ant1_2457_30~1000



11N20SISO_Ant1_2457_1000~26500



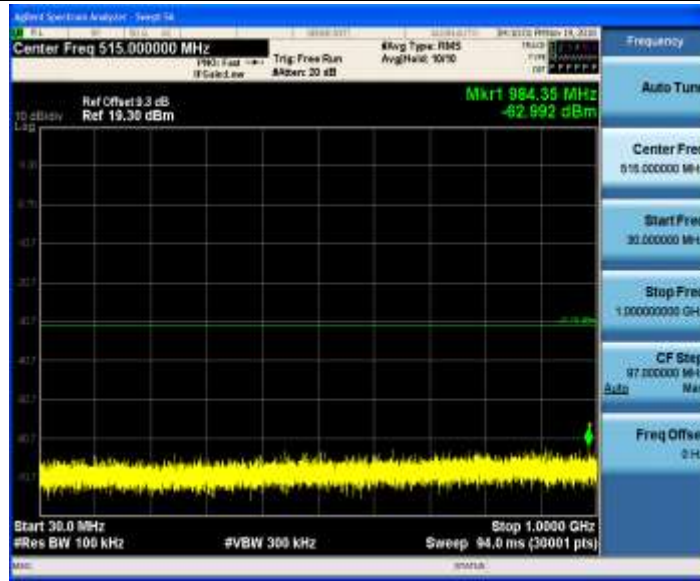
11N20SISO_Ant1_2462_0~Reference



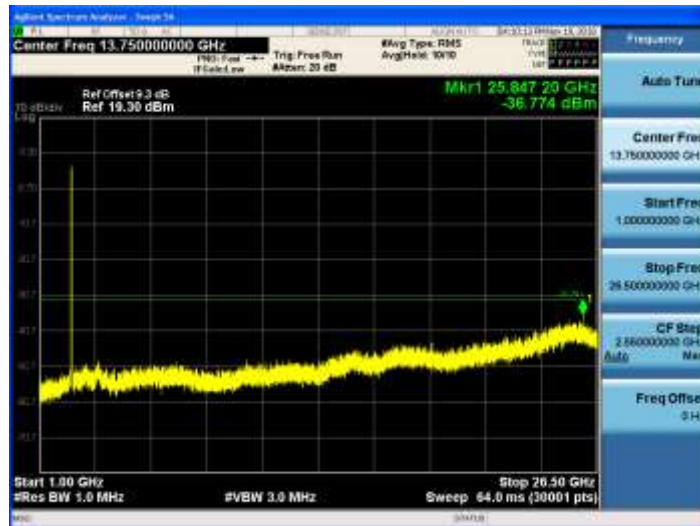
11N20SISO_Ant1_2462_0.009~30



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



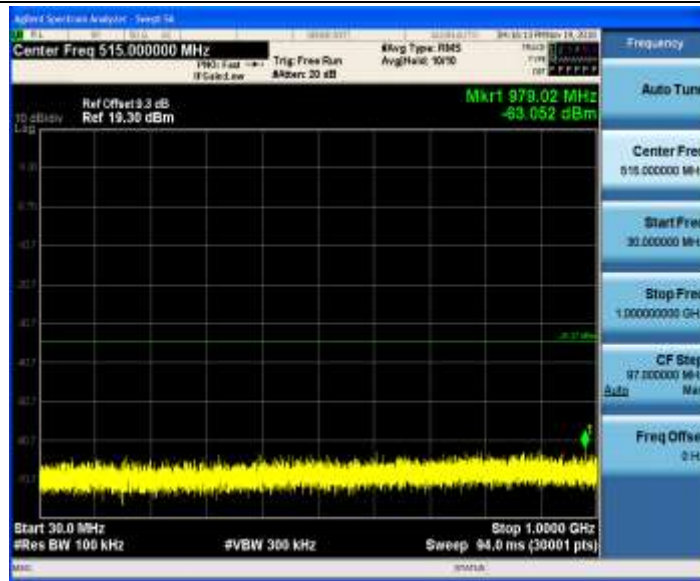
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_0.009~30



11N40SISO_Ant1_2422_30~1000



11N40SISO_Ant1_2422_1000~26500



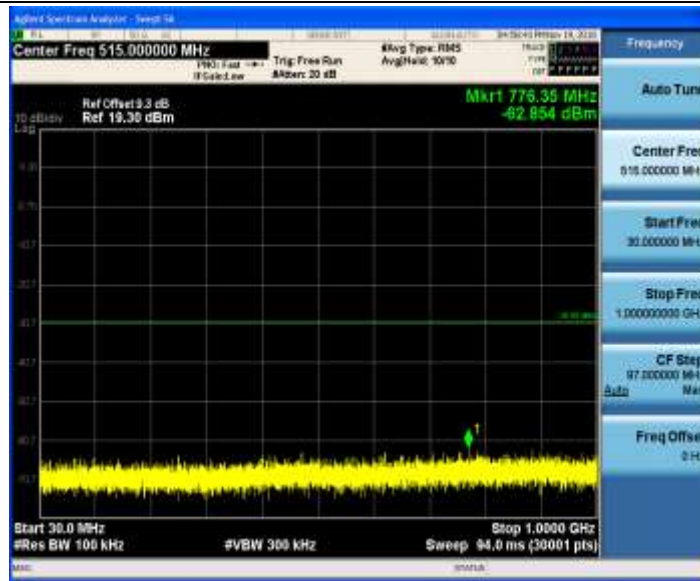
11N40SISO_Ant1_2427_0~Reference



11N40SISO_Ant1_2427_0.009~30



11N40SISO_Ant1_2427_30~1000



11N40SISO_Ant1_2427_1000~26500



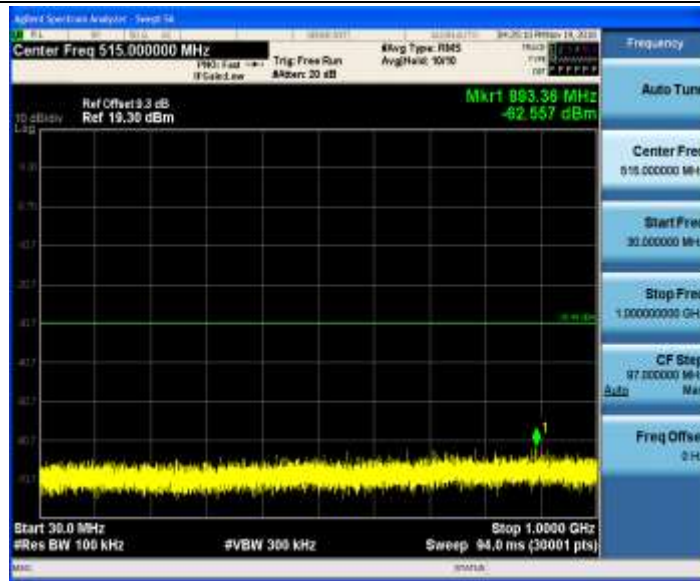
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_0.009~30



11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500



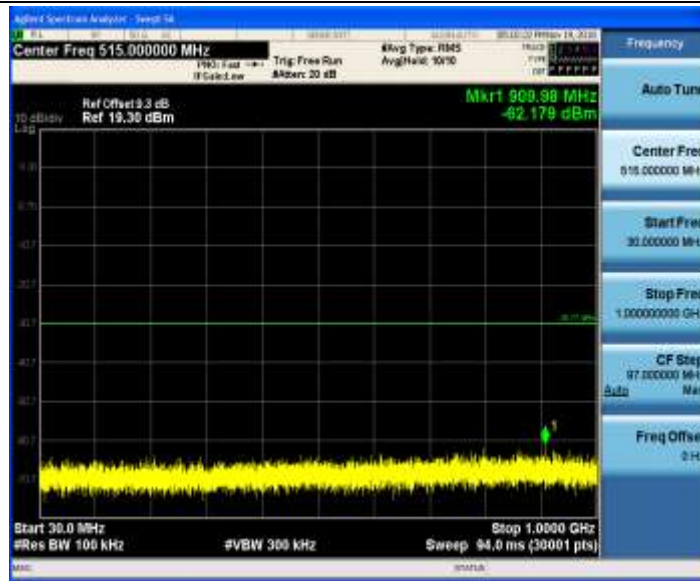
11N40SISO_Ant1_2447_0~Reference



11N40SISO_Ant1_2447_0.009~30



11N40SISO_Ant1_2447_30~1000



11N40SISO_Ant1_2447_1000~26500



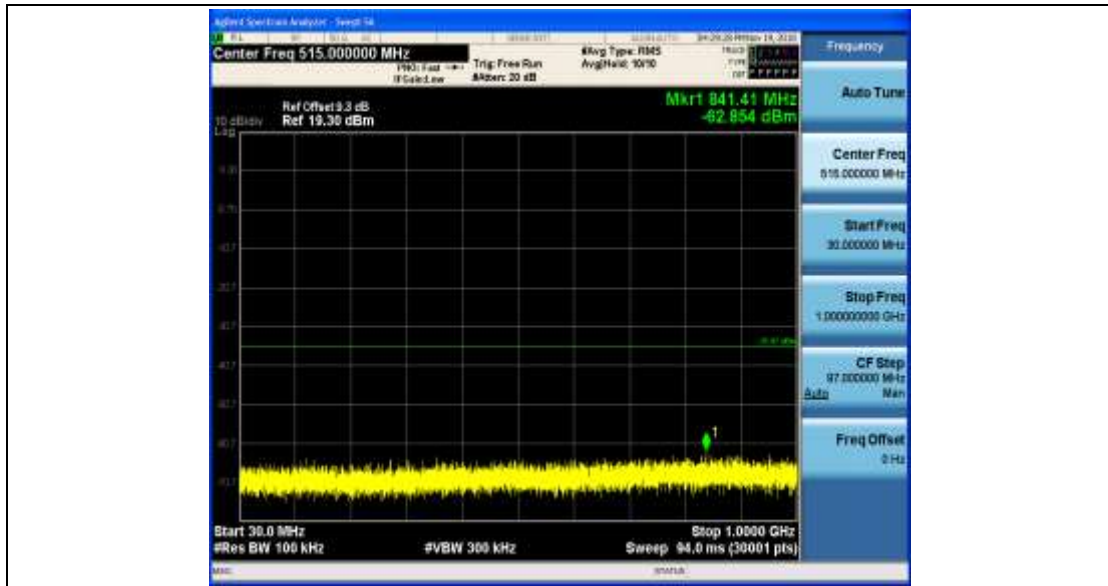
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_0.009~30



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



END