



Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.120	2408.440	2416.560	---	PASS
		2437	8.600	2432.440	2441.040	---	PASS
		2462	8.120	2458.440	2466.560	---	PASS
11G	Ant1	2412	15.760	2404.440	2420.200	---	PASS
		2417	15.800	2409.400	2425.200	---	PASS
		2437	15.800	2428.800	2444.600	---	PASS
		2457	14.520	2450.680	2465.200	---	PASS
		2462	14.520	2455.680	2470.200	---	PASS
11N20SISO	Ant1	2412	16.360	2404.480	2420.840	---	PASS
		2417	16.240	2409.440	2425.680	---	PASS
		2437	17.120	2428.120	2445.240	---	PASS
		2457	13.920	2451.920	2465.840	---	PASS
		2462	14.880	2455.680	2470.560	---	PASS
11N40SISO	Ant1	2422	34.000	2405.600	2439.600	---	PASS
		2427	32.640	2409.400	2442.040	---	PASS
		2437	35.840	2418.760	2454.600	---	PASS
		2447	35.840	2429.400	2465.240	---	PASS
		2452	35.840	2434.400	2470.240	---	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_2452





Appendix B: Occupied Channel Bandwidth

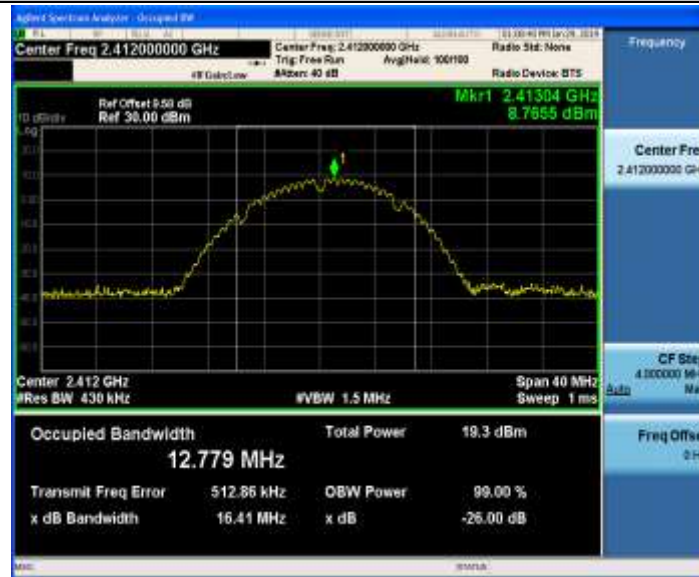
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.779	2406.123	2418.902	---	PASS
		2437	13.330	2430.124	2443.454	---	PASS
		2462	12.434	2456.209	2468.643	---	PASS
11G	Ant1	2412	17.049	2403.820	2420.869	---	PASS
		2417	16.724	2408.810	2425.534	---	PASS
		2437	17.236	2428.205	2445.441	---	PASS
		2457	17.188	2448.819	2466.007	---	PASS
		2462	16.760	2453.867	2470.627	---	PASS
11N20SISO	Ant1	2412	17.909	2403.304	2421.213	---	PASS
		2417	17.797	2408.253	2426.050	---	PASS
		2437	18.208	2427.776	2445.984	---	PASS
		2457	18.081	2448.353	2466.434	---	PASS
		2462	17.766	2453.311	2471.077	---	PASS
11N40SISO	Ant1	2422	35.711	2404.241	2439.952	---	PASS
		2427	35.941	2408.996	2444.937	---	PASS
		2437	36.922	2418.410	2455.332	---	PASS
		2447	37.348	2428.637	2465.985	---	PASS
		2452	36.536	2434.053	2470.589	---	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



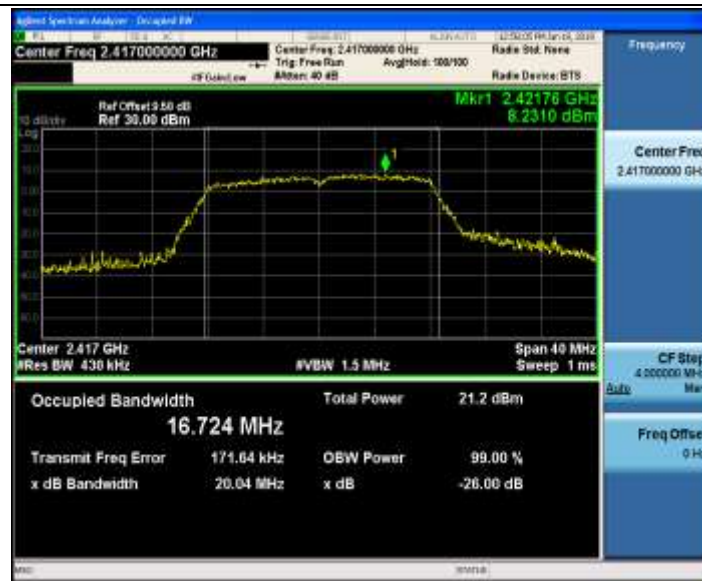
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2417



11G_Ant1_2437



11G_Ant1_2457



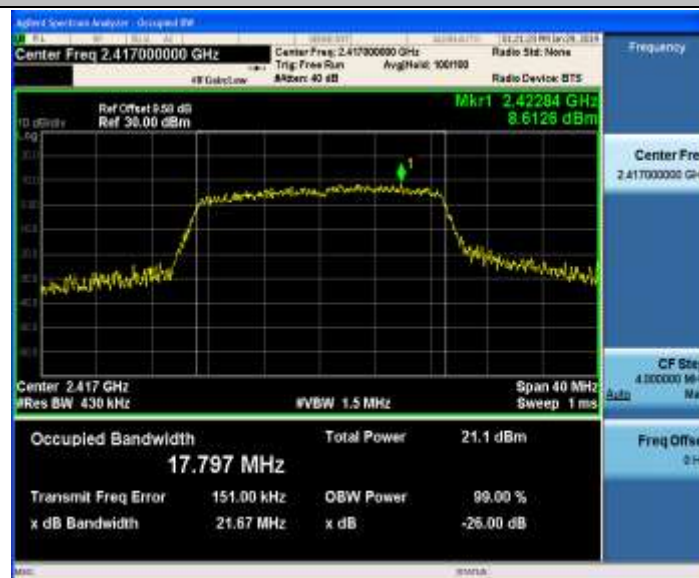
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2417



11N20SISO_Ant1_2437



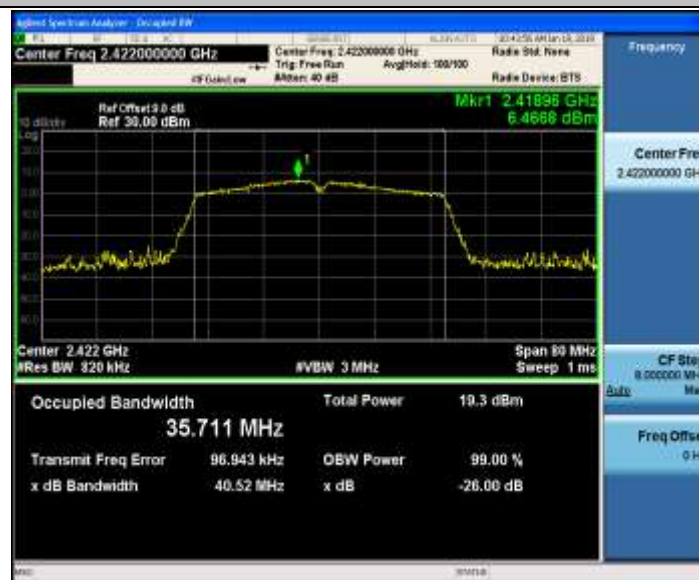
11N20SISO_Ant1_2457



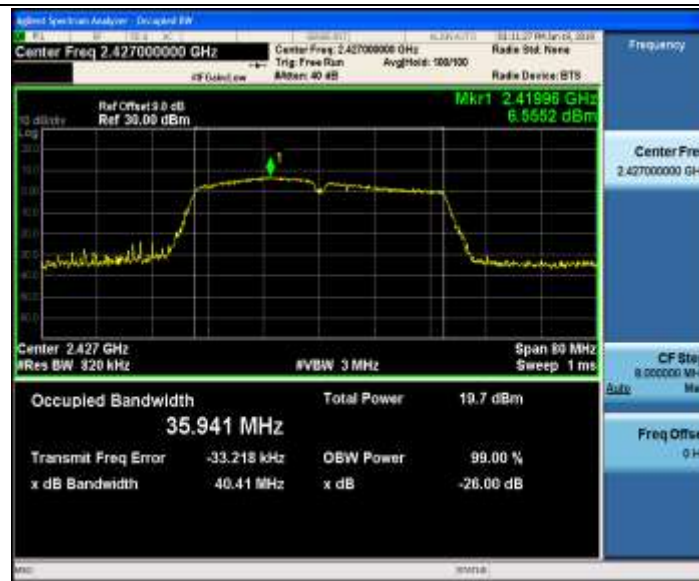
11N20SISO_Ant1_2462



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	8.38	8.42	99.49
		2437	8.38	8.42	99.49
		2462	8.38	8.42	99.49
11G	Ant1	2412	1.39	1.44	96.65
		2417	1.39	1.44	96.65
		2437	1.39	1.44	96.74
		2457	1.39	1.44	96.74
		2462	1.39	1.44	96.65
11N20SISO	Ant1	2412	1.30	1.35	96.52
		2417	1.17	1.22	95.95
		2437	1.17	1.22	95.95
		2457	1.17	1.22	95.95
		2462	1.30	1.34	96.51
11N40SISO	Ant1	2422	0.65	0.69	93.24
		2427	0.64	0.69	93.22
		2437	0.65	0.69	93.41
		2447	0.65	0.69	93.41
		2452	0.65	0.69	93.24

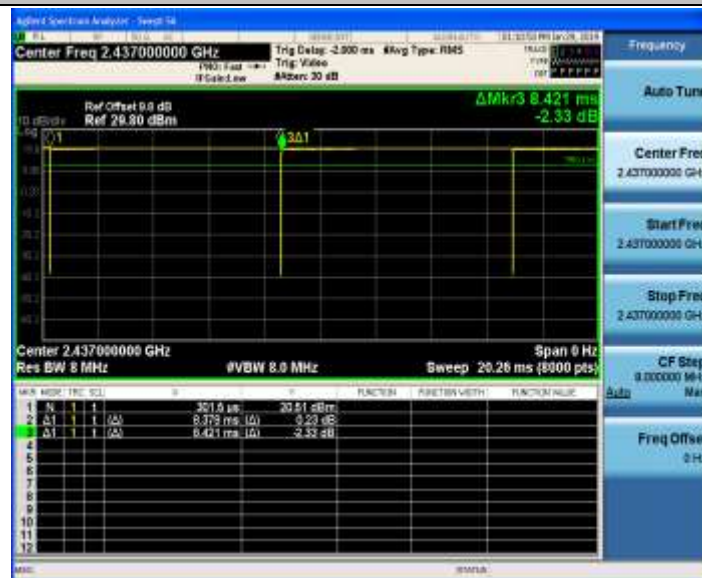


Test Graphs

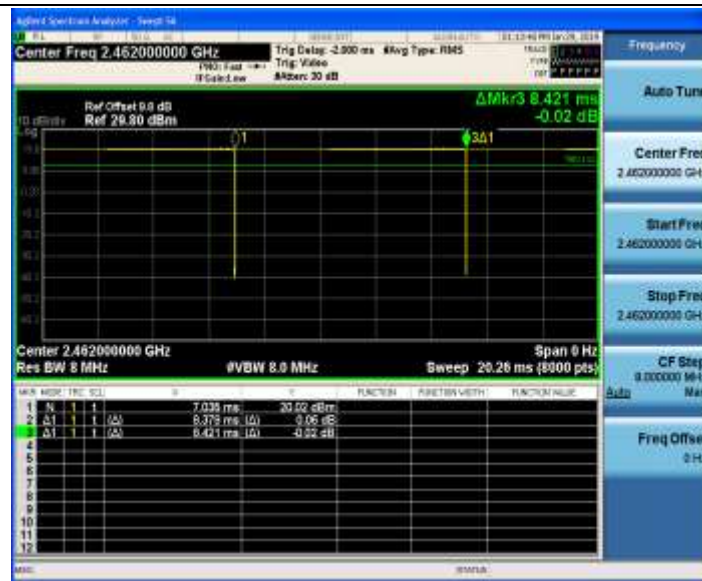
11B_Ant1_2412



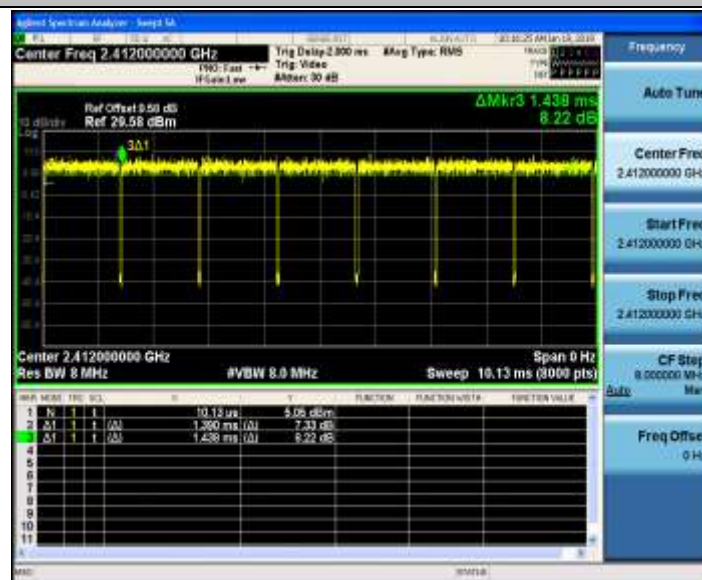
11B_Ant1_2437



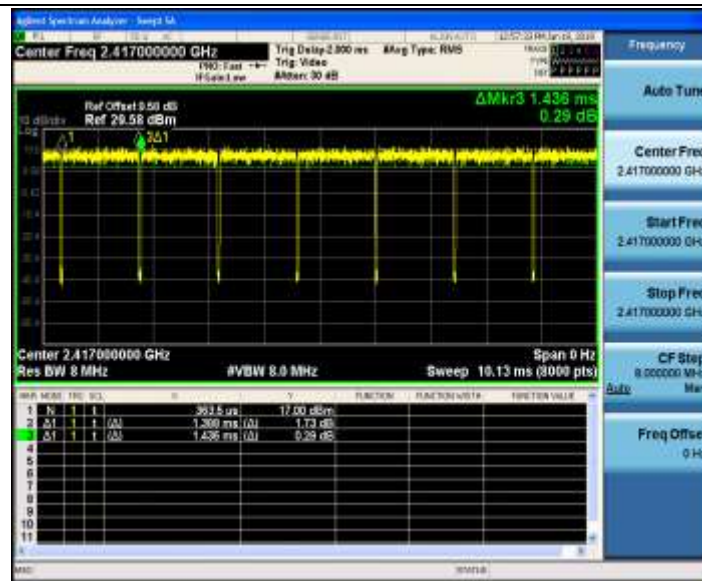
11B_Ant1_2462



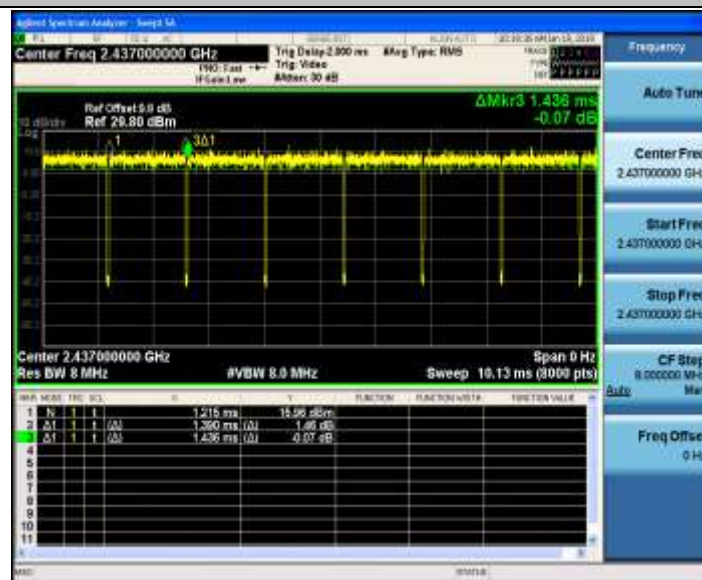
11G_Ant1_2412



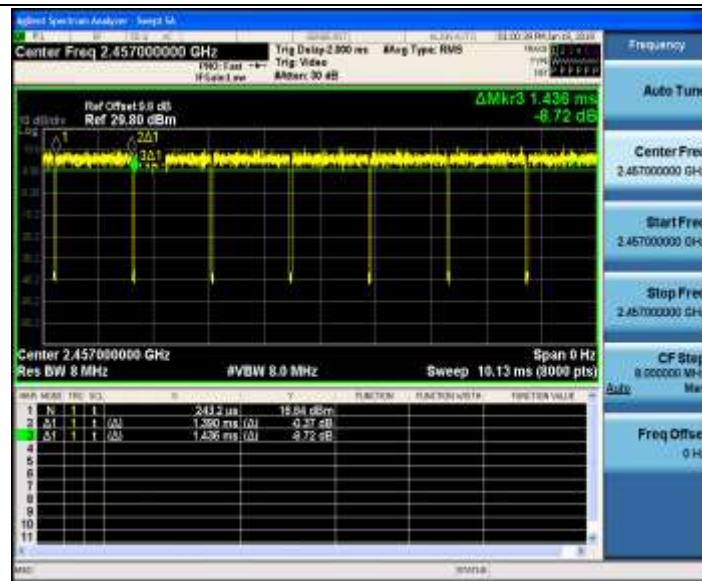
11G_Ant1_2417



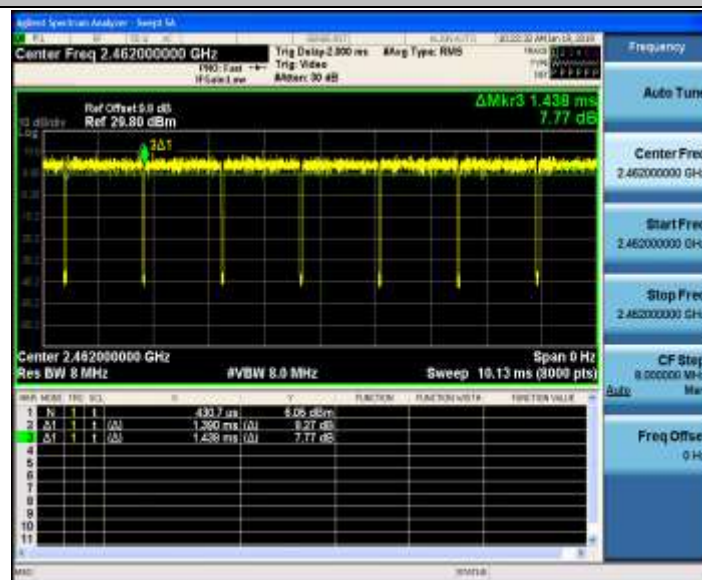
11G_Ant1_2437



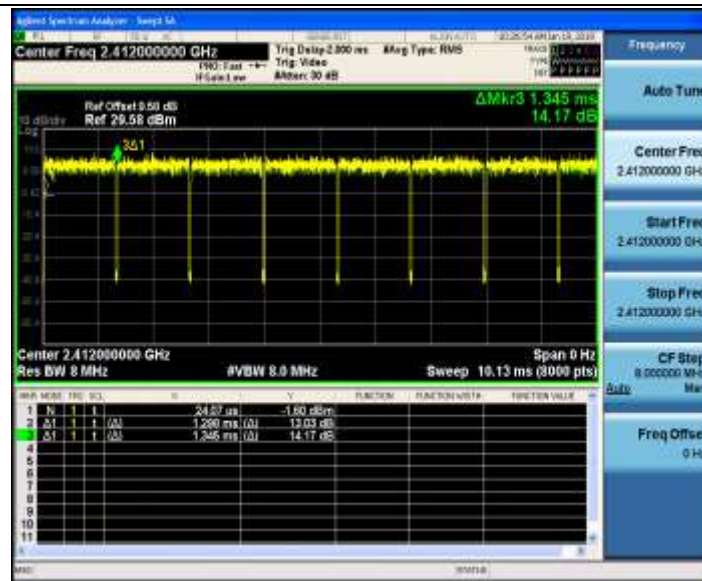
11G_Ant1_2457



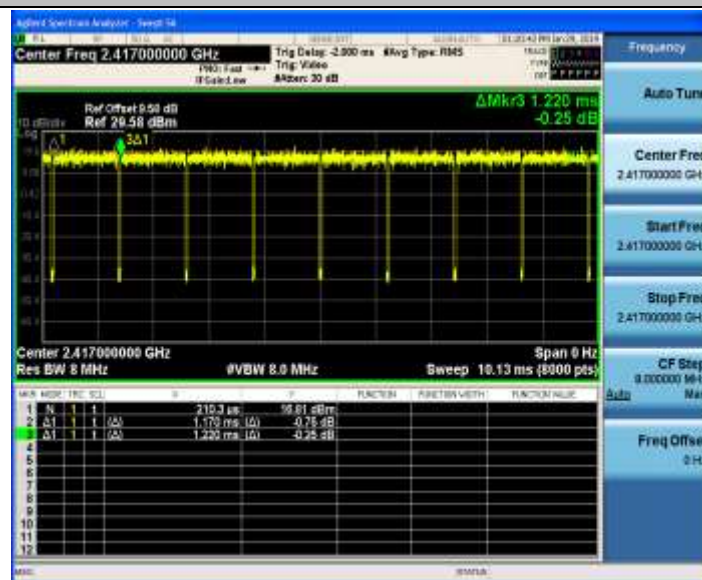
11G_Ant1_2462



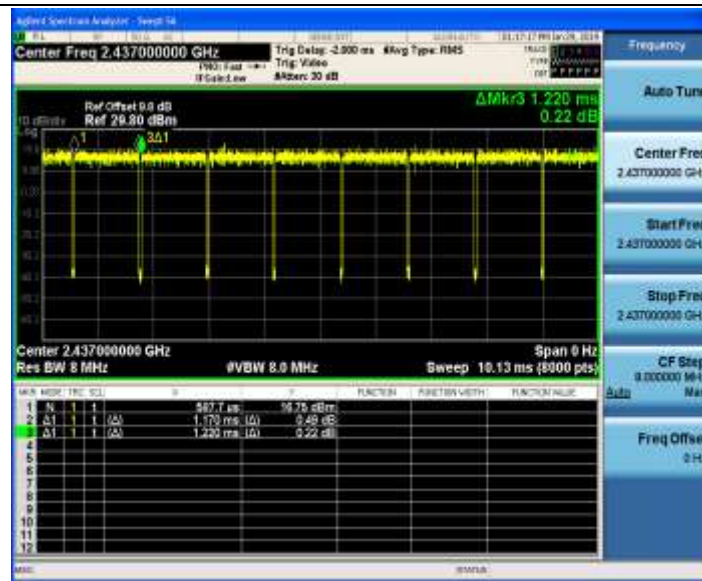
11N20SISO_Ant1_2412



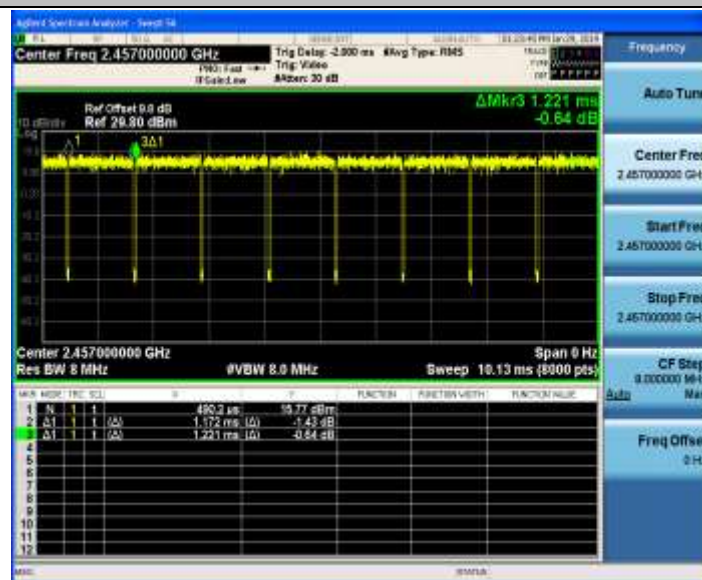
11N20SISO_Ant1_2417



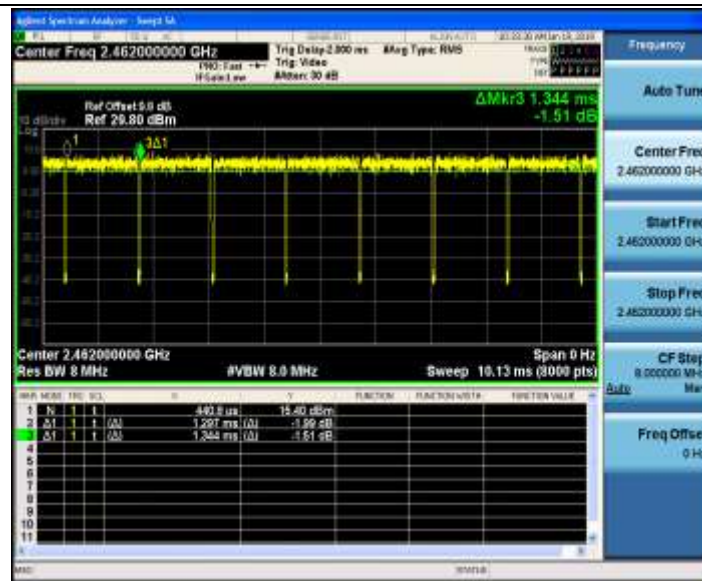
11N20SISO_Ant1_2437



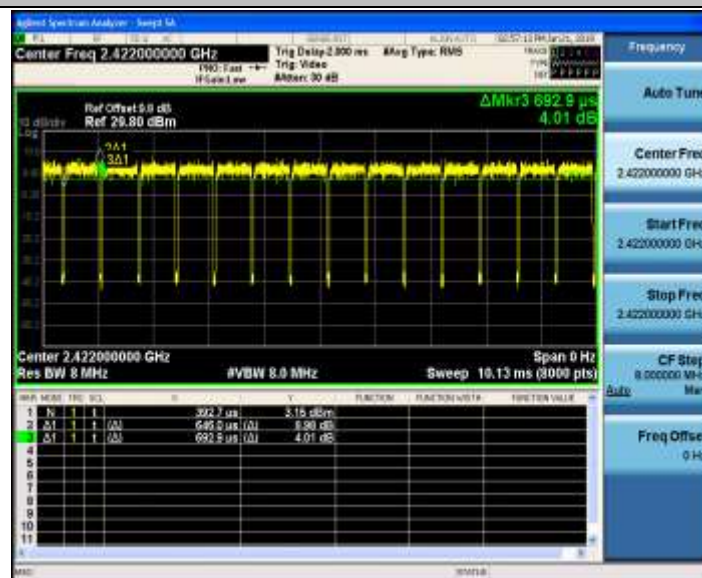
11N20SISO_Ant1_2457



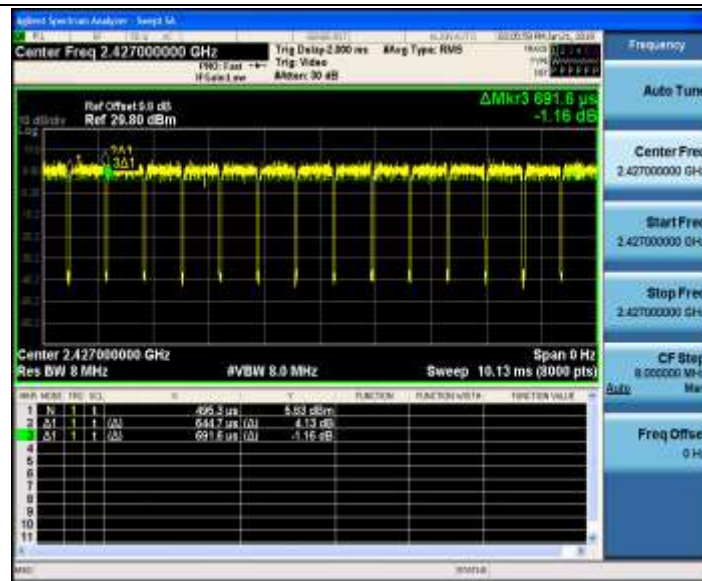
11N20SISO_Ant1_2462



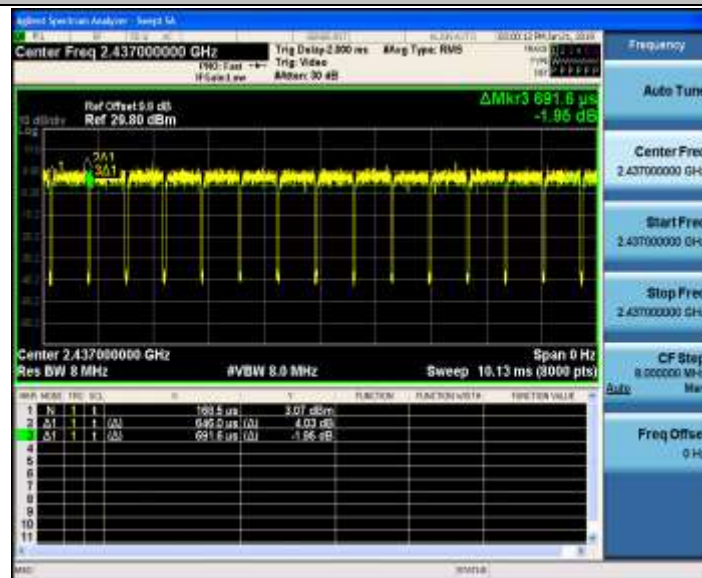
11N40SISO_Ant1_2422



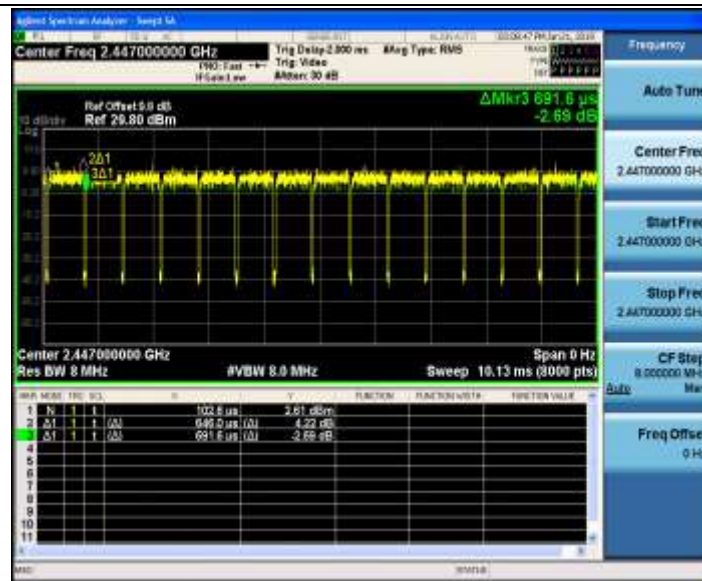
11N40SISO_Ant1_2427



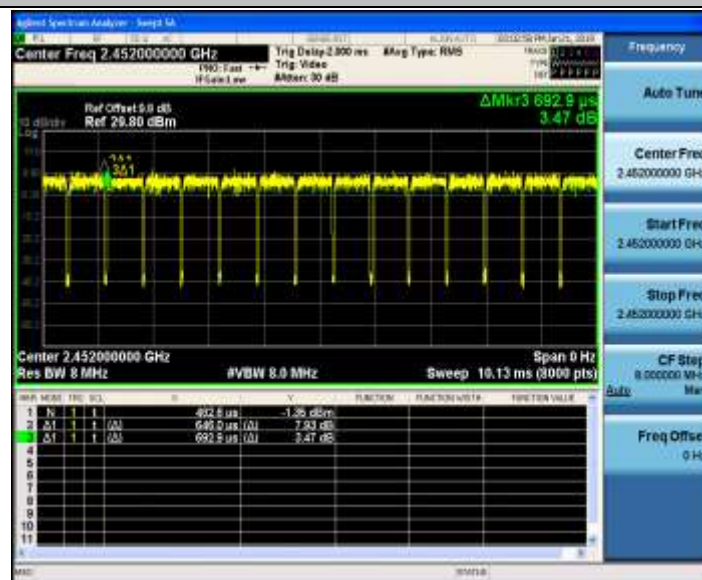
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452





Appendix D: Maximum average conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.40	30	PASS
		2437	17.05	30	PASS
		2462	16.87	30	PASS
11G	Ant1	2412	11.66	30	PASS
		2417	15.13	30	PASS
		2437	15.18	30	PASS
		2457	14.70	30	PASS
		2462	11.99	30	PASS
11N20SISO	Ant1	2412	11.62	30	PASS
		2417	14.87	30	PASS
		2437	15.56	30	PASS
		2457	14.44	30	PASS
		2462	11.86	30	PASS
11N40SISO	Ant1	2422	11.62	30	PASS
		2427	12.03	30	PASS
		2437	11.86	30	PASS
		2447	11.51	30	PASS
		2452	10.93	30	PASS



Test Graphs

11B_Ant1_2412



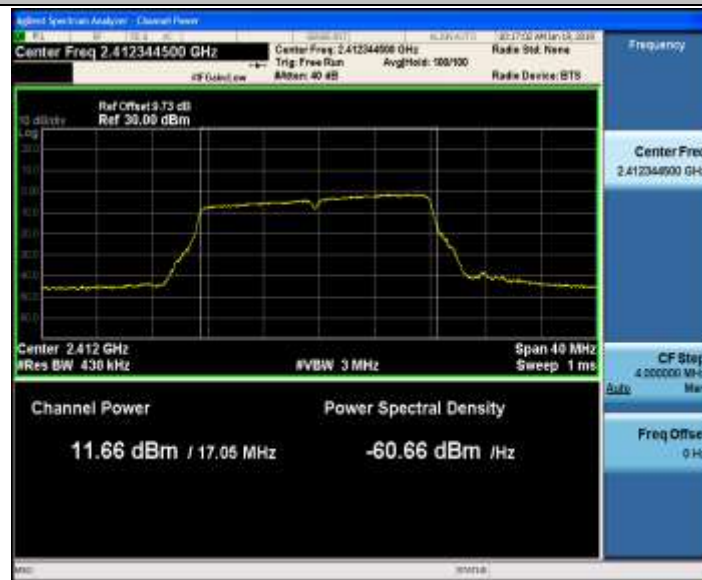
11B_Ant1_2437



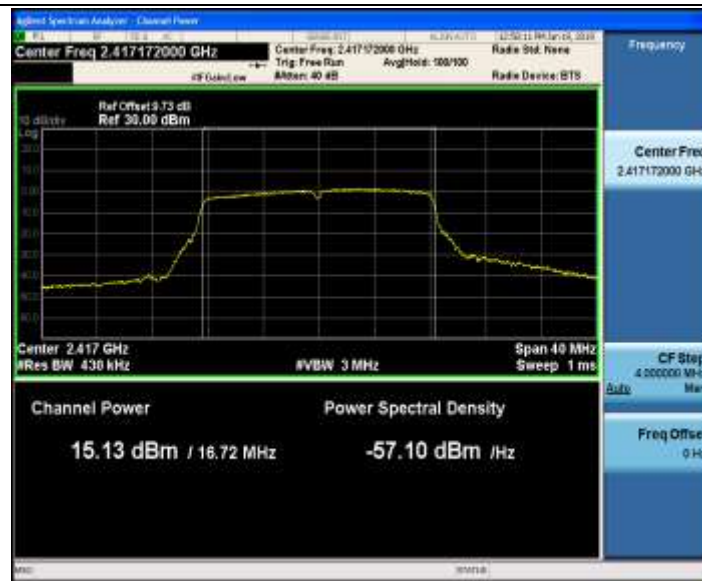
11B_Ant1_2462



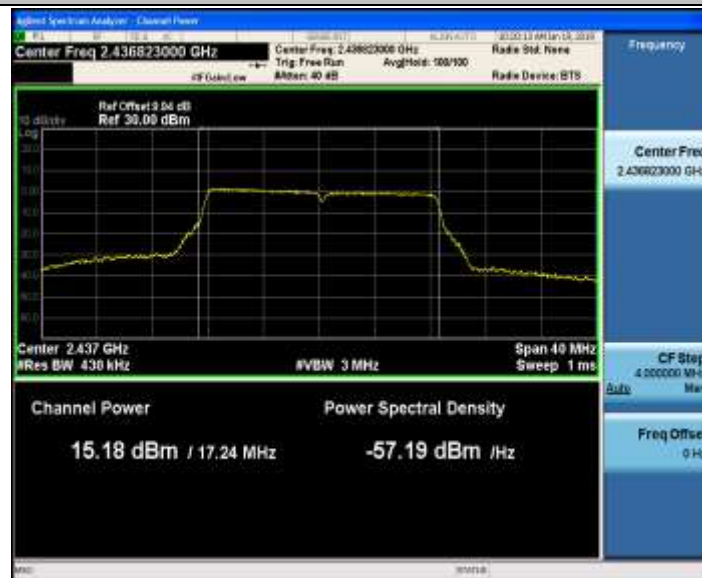
11G_Ant1_2412



11G_Ant1_2417



11G_Ant1_2437



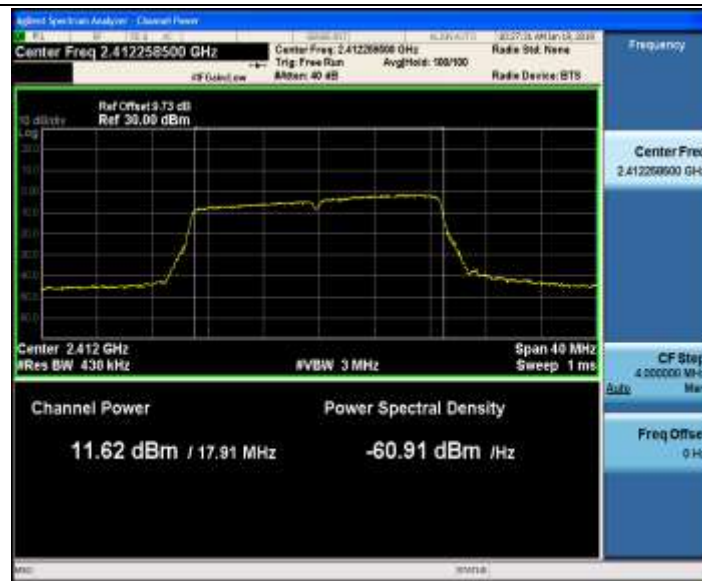
11G_Ant1_2457



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2417



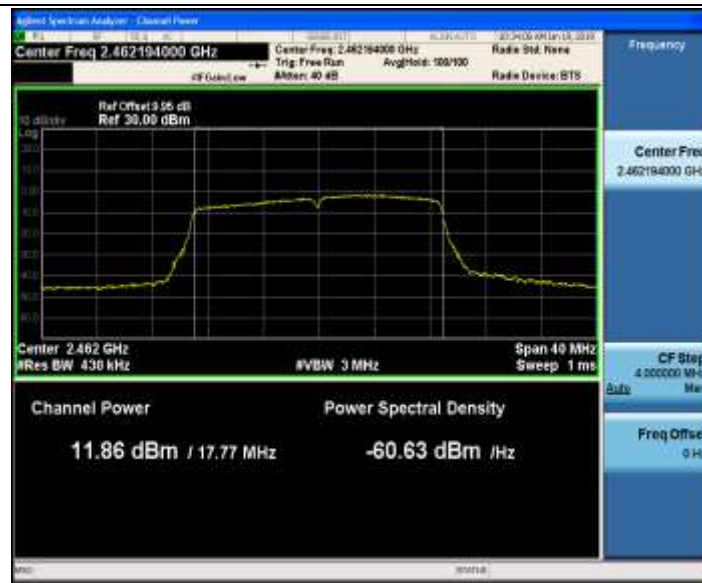
11N20SISO_Ant1_2437



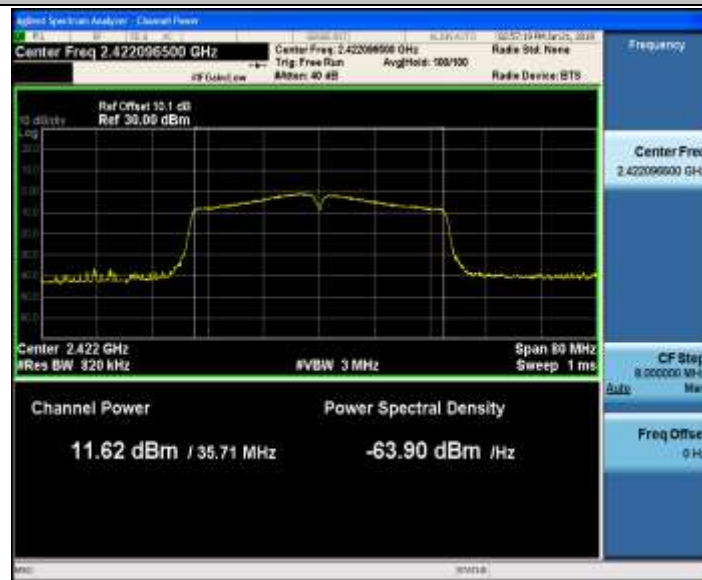
11N20SISO_Ant1_2457



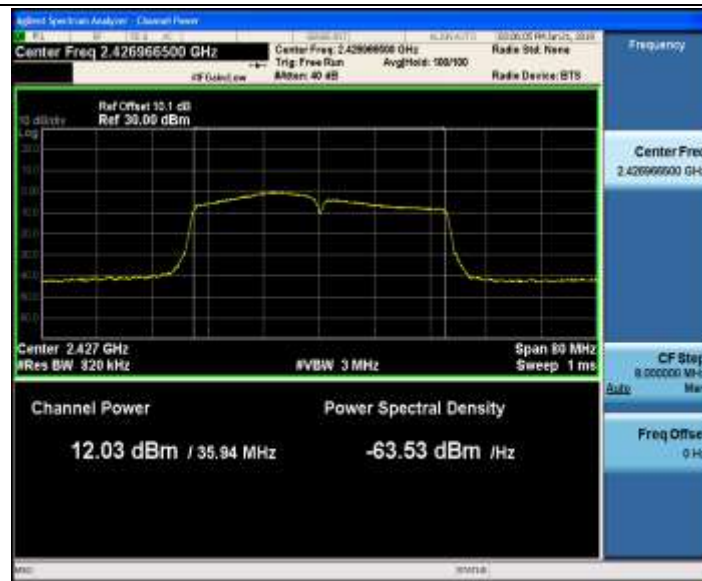
11N20SISO_Ant1_2462



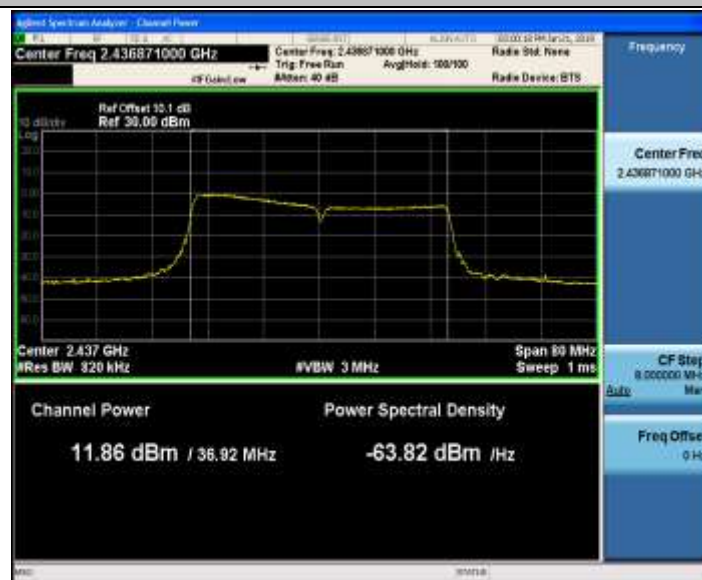
11N40SISO_Ant1_2422



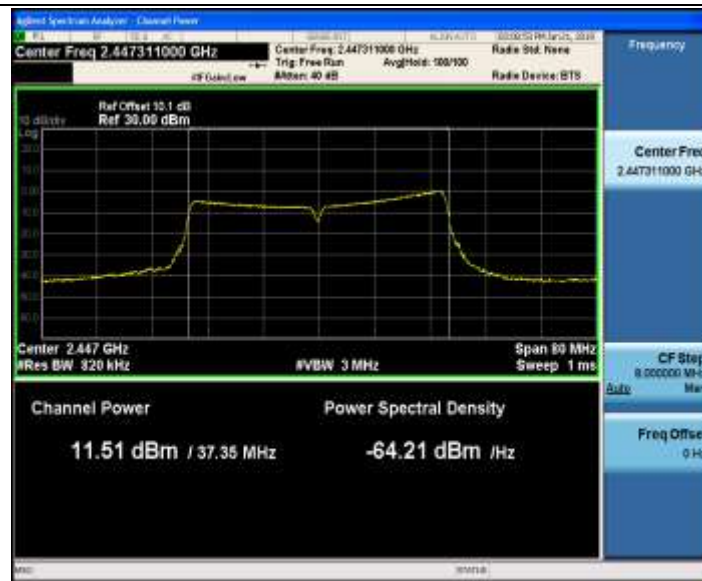
11N40SISO_Ant1_2427



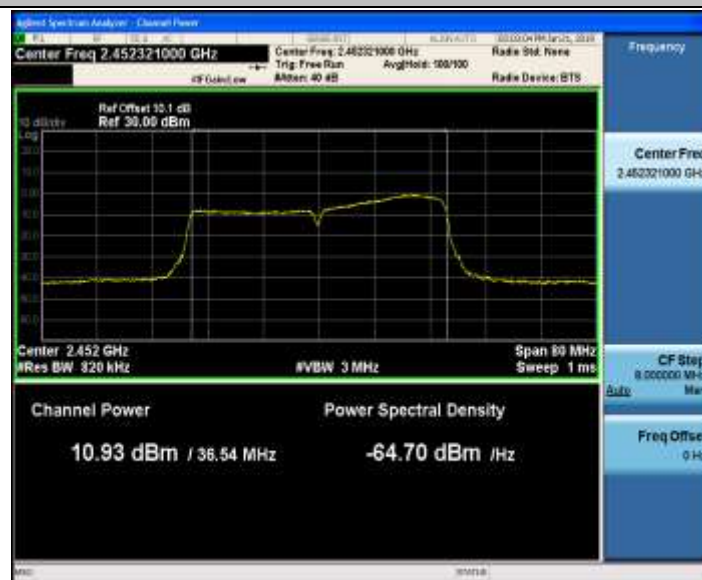
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452





Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.45	8	PASS
		2437	-8.87	8	PASS
		2462	-8.46	8	PASS
11G	Ant1	2412	-15.56	8	PASS
		2417	-12.83	8	PASS
		2437	-13	8	PASS
		2457	-11.49	8	PASS
		2462	-15.27	8	PASS
11N20SISO	Ant1	2412	-15.04	8	PASS
		2417	-13.15	8	PASS
		2437	-12.58	8	PASS
		2457	-12.83	8	PASS
		2462	-15.48	8	PASS
11N40SISO	Ant1	2422	-17.04	8	PASS
		2427	-16.92	8	PASS
		2437	-16.13	8	PASS
		2447	-15.74	8	PASS
		2452	-16.54	8	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2417



11G_Ant1_2437



11G_Ant1_2457



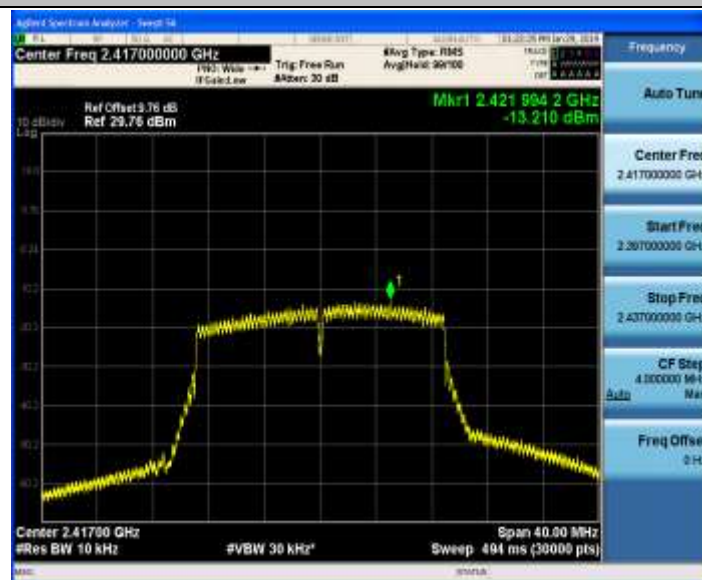
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2417



11N20SISO_Ant1_2437



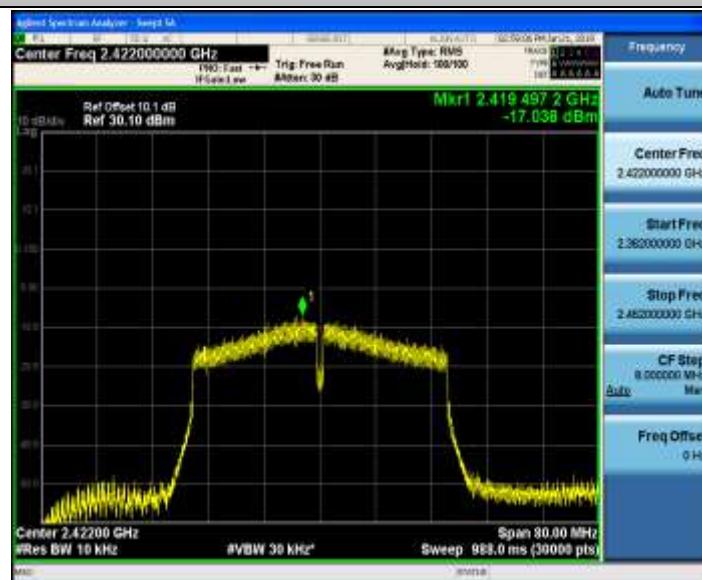
11N20SISO_Ant1_2457



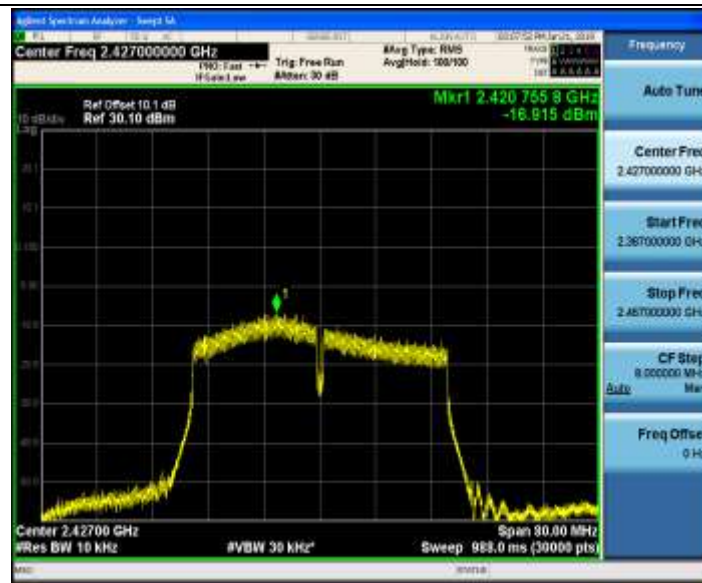
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2427



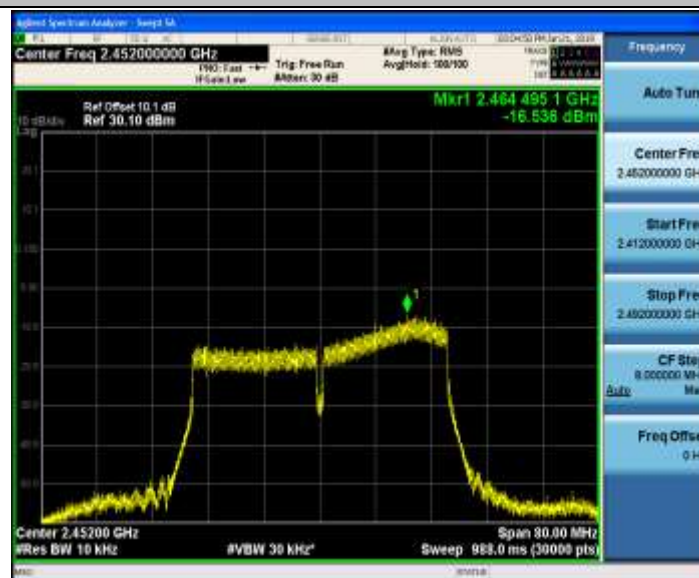
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452





Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.37	-46.25	-21.63	PASS
		High	2462	9.38	-49.83	-20.62	PASS
11G	Ant1	Low	2412	2.18	-42.83	-27.82	PASS
			2417	5.00	-40.25	-25	PASS
		High	2457	5.48	-48.31	-24.52	PASS
			2462	2.28	-46.81	-27.72	PASS
11N20SISO	Ant1	Low	2412	2.22	-41.47	-27.78	PASS
			2417	4.86	-36.13	-25.14	PASS
		High	2457	5.94	-48.2	-24.06	PASS
			2462	2.26	-45.15	-27.74	PASS
11N40SISO	Ant1	Low	2422	0.68	-36.9	-29.32	PASS
			2427	0.94	-38.41	-29.06	PASS
		High	2447	1.98	-41.66	-28.02	PASS
			2452	0.77	-42.18	-29.23	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: Conducted Spurious Emission

Test Result

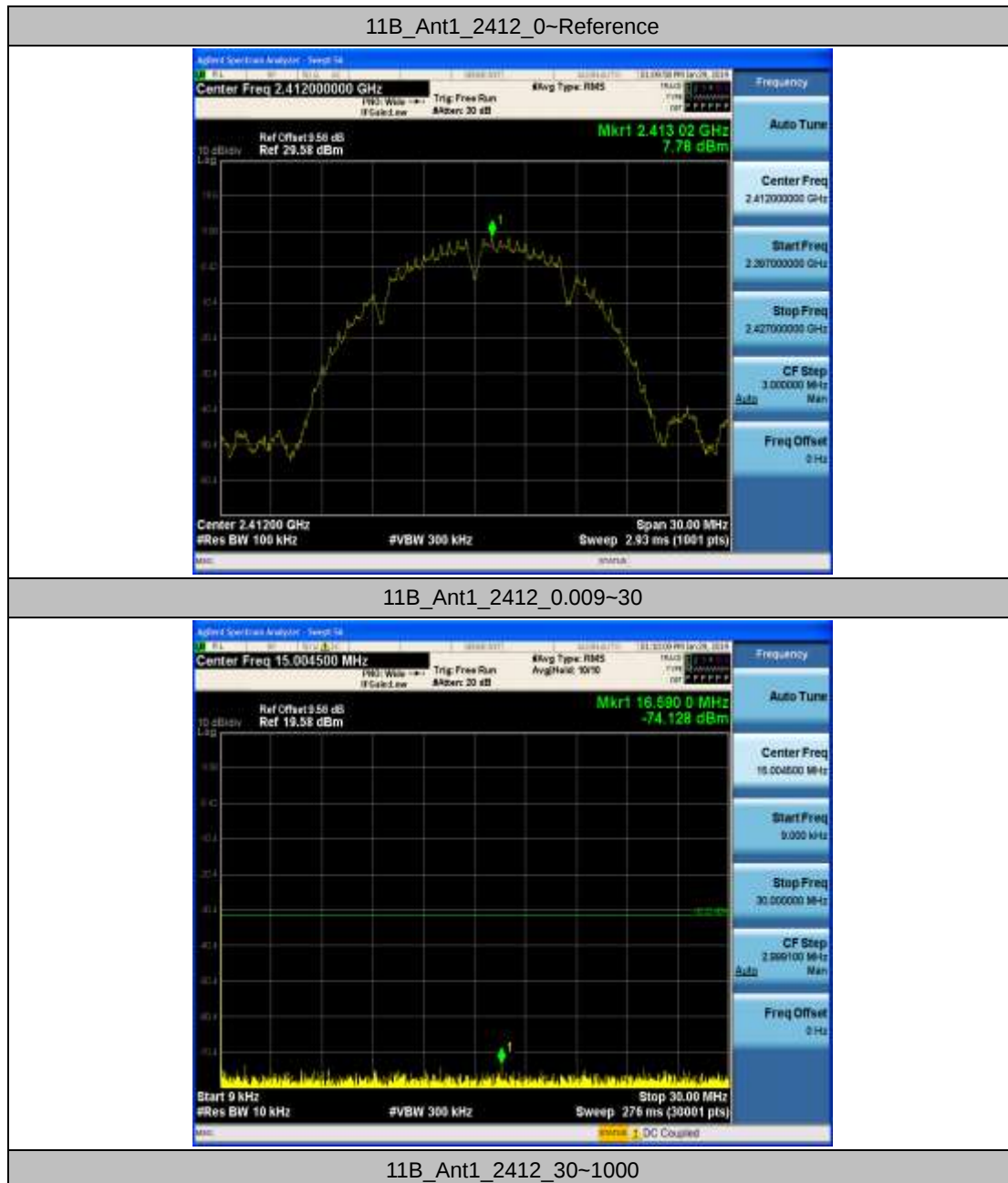
TestMode	Antenna	Channel	FreqRange	RefLevel [dBm]	Result [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	Reference	7.78	7.78	---	PASS
			0.009~30	0.009~30	-74.13	-32.22	PASS
			30~1000	30~1000	-62.79	-22.22	PASS
			1000~26500	1000~26500	-37.5	-22.22	PASS
		2437	Reference	8.23	8.23	---	PASS
			0.009~30	0.009~30	-72.44	-31.77	PASS
			30~1000	30~1000	-62.9	-21.77	PASS
			1000~26500	1000~26500	-35.54	-21.77	PASS
		2462	Reference	8.28	8.28	---	PASS
			0.009~30	0.009~30	-72.39	-31.72	PASS
			30~1000	30~1000	-63.47	-21.72	PASS
			1000~26500	1000~26500	-39.7	-21.72	PASS
11G	Ant1	2412	Reference	2.20	2.20	---	PASS
			0.009~30	0.009~30	-71.59	-37.8	PASS
			30~1000	30~1000	-61.46	-27.8	PASS
			1000~26500	1000~26500	-39.06	-27.8	PASS
		2417	Reference	5.06	5.06	---	PASS
			0.009~30	0.009~30	-71.68	-34.94	PASS
			30~1000	30~1000	-63.36	-24.94	PASS
			1000~26500	1000~26500	-40.39	-24.94	PASS
		2437	Reference	4.87	4.87	---	PASS
			0.009~30	0.009~30	-71.26	-35.13	PASS
			30~1000	30~1000	-62.81	-25.13	PASS
			1000~26500	1000~26500	-38.97	-25.13	PASS
		2457	Reference	4.52	4.52	---	PASS
			0.009~30	0.009~30	-68.73	-35.48	PASS
			30~1000	30~1000	-62.49	-25.48	PASS
			1000~26500	1000~26500	-38.56	-25.48	PASS
		2462	Reference	1.84	1.84	---	PASS
			0.009~30	0.009~30	-70.63	-38.16	PASS
			30~1000	30~1000	-62.08	-28.16	PASS
			1000~26500	1000~26500	-40.27	-28.16	PASS

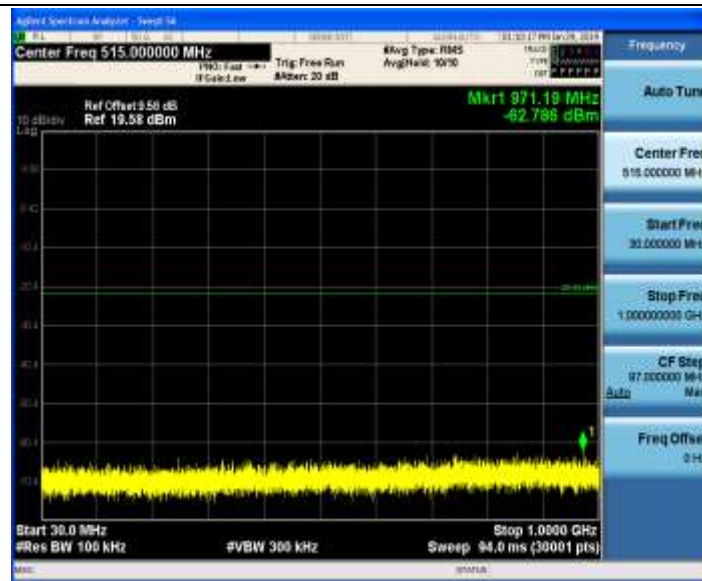


11N20SISO	Ant1	2412	Reference	0.79	0.79	---	PASS
			0.009~30	0.009~30	-71.33	-39.21	PASS
			30~1000	30~1000	-62.01	-29.21	PASS
			1000~26500	1000~26500	-40.14	-29.21	PASS
		2417	Reference	4.89	4.89	---	PASS
			0.009~30	0.009~30	-73.87	-35.11	PASS
			30~1000	30~1000	-62.39	-25.11	PASS
			1000~26500	1000~26500	-37.21	-25.11	PASS
		2457	Reference	5.25	5.25	---	PASS
			0.009~30	0.009~30	-74.19	-34.75	PASS
			30~1000	30~1000	-62.04	-24.75	PASS
			1000~26500	1000~26500	-37.11	-24.75	PASS
		2462	Reference	2.20	2.20	---	PASS
			0.009~30	0.009~30	-70.44	-37.8	PASS
			30~1000	30~1000	-63	-27.8	PASS
			1000~26500	1000~26500	-40.03	-27.8	PASS
11N40SISO	Ant1	2422	Reference	-0.05	-0.05	---	PASS
			0.009~30	0.009~30	-73.6	-40.05	PASS
			30~1000	30~1000	-63.16	-30.05	PASS
			1000~26500	1000~26500	-39.88	-30.05	PASS
		2427	Reference	1.11	1.11	---	PASS
			0.009~30	0.009~30	-71.72	-38.89	PASS
			30~1000	30~1000	-63.46	-28.89	PASS
			1000~26500	1000~26500	-40.04	-28.89	PASS
		2437	Reference	-0.06	-0.06	---	PASS
			0.009~30	0.009~30	-72.95	-40.06	PASS
			30~1000	30~1000	-62.92	-30.06	PASS
			1000~26500	1000~26500	-40.21	-30.06	PASS
		2447	Reference	0.76	0.76	---	PASS
			0.009~30	0.009~30	-68.32	-39.24	PASS
			30~1000	30~1000	-63.08	-29.24	PASS
			1000~26500	1000~26500	-39.89	-29.24	PASS
		2452	Reference	0.47	0.47	---	PASS
			0.009~30	0.009~30	-74.01	-39.53	PASS
			30~1000	30~1000	-63.35	-29.53	PASS
			1000~26500	1000~26500	-39.62	-29.53	PASS



Test Graphs





11B_Ant1_2412_1000~26500



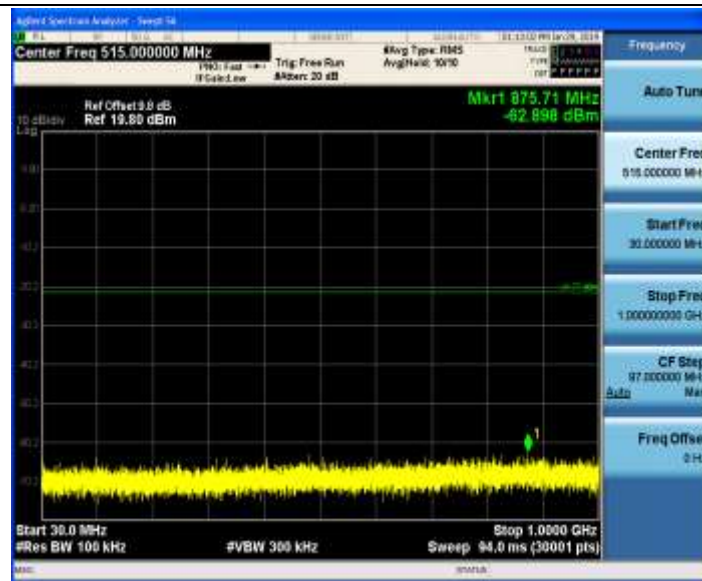
11B_Ant1_2437_0~Reference



11B_Ant1_2437_0.009~30



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



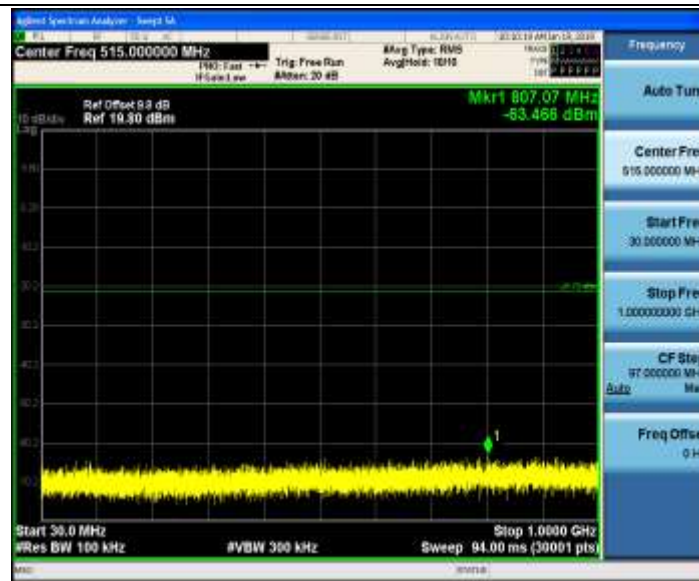
11B_Ant1_2462_0~Reference



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



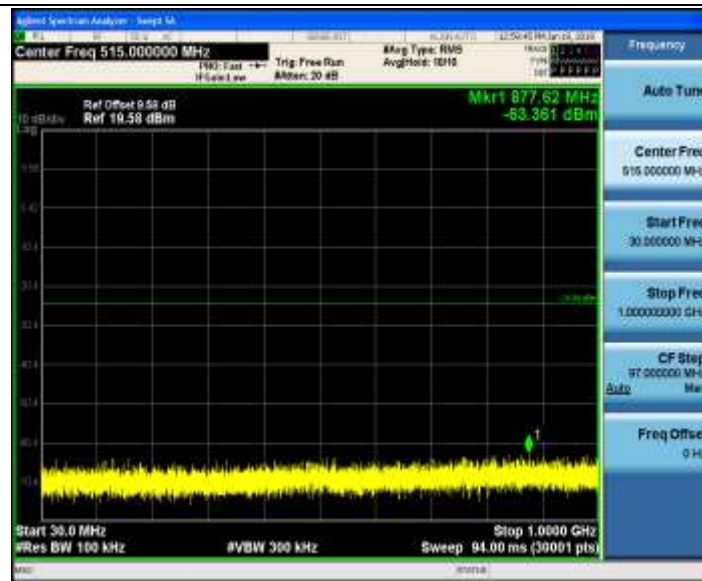
11G_Ant1_2417_0-Reference



11G_Ant1_2417_0.009~30



11G_Ant1_2417_30~1000



11G_Ant1_2417_1000~26500



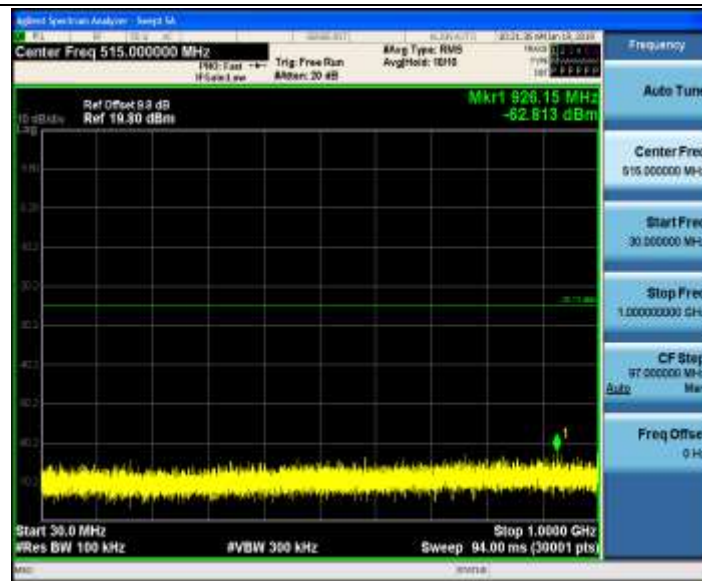
11G_Ant1_2437_0-Reference



11G_Ant1_2437_0.009~30



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



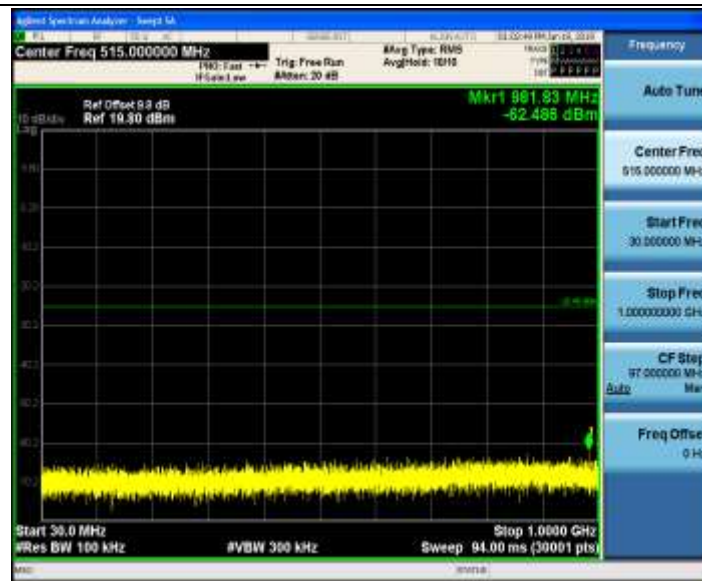
11G_Ant1_2457_0-Reference



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



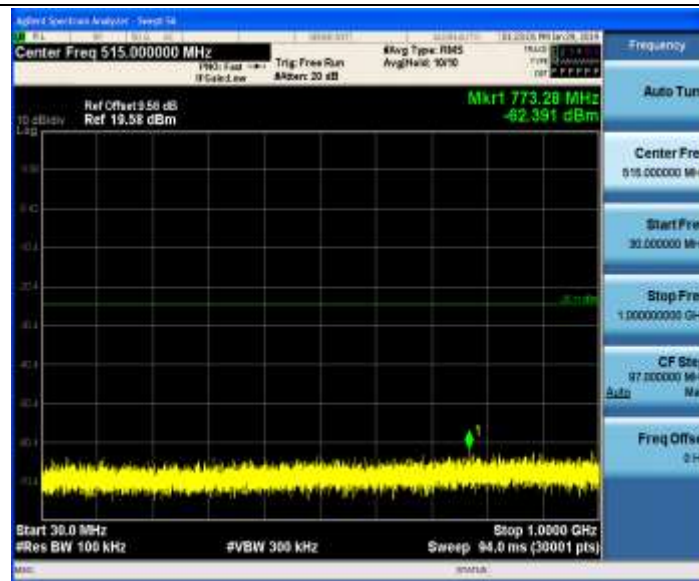
11N20SISO_Ant1_2417_0~Reference



11N20SISO_Ant1_2417_0.009~30



11N20SISO_Ant1_2417_30~1000



11N20SISO_Ant1_2417_1000~26500



11N20SISO_Ant1_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



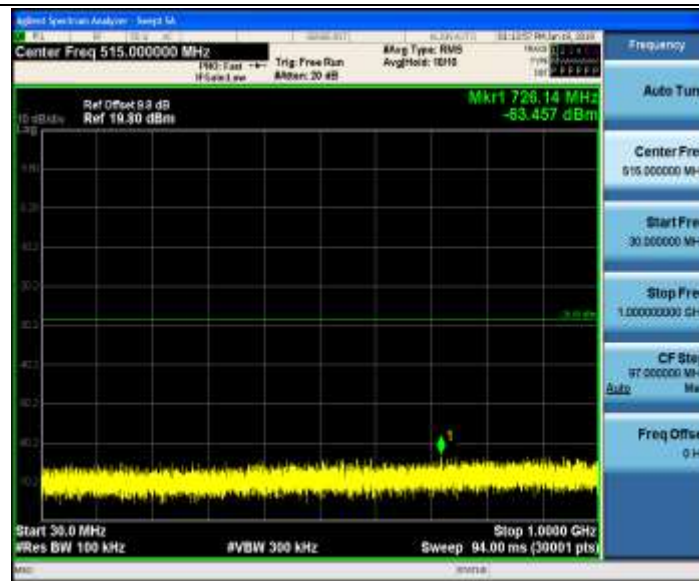
11N40SISO_Ant1_2427_0~Reference



11N40SISO_Ant1_2427_0.009~30



11N40SISO_Ant1_2427_30~1000



11N40SISO_Ant1_2427_1000~26500



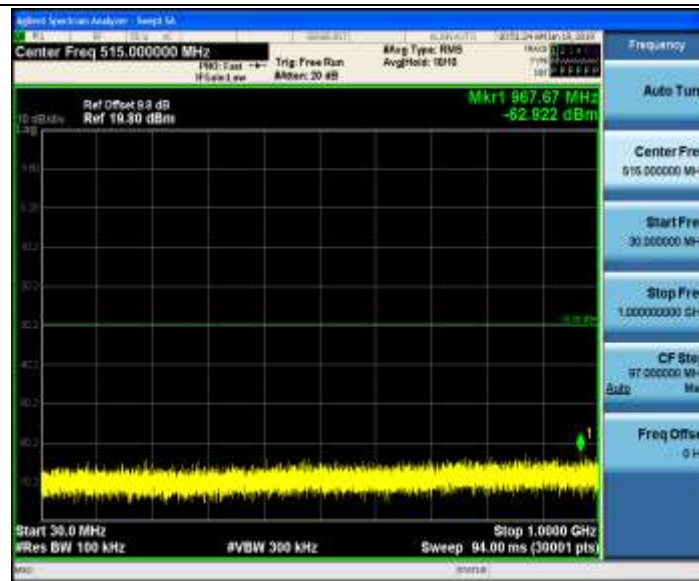
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_0.009~30



11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500



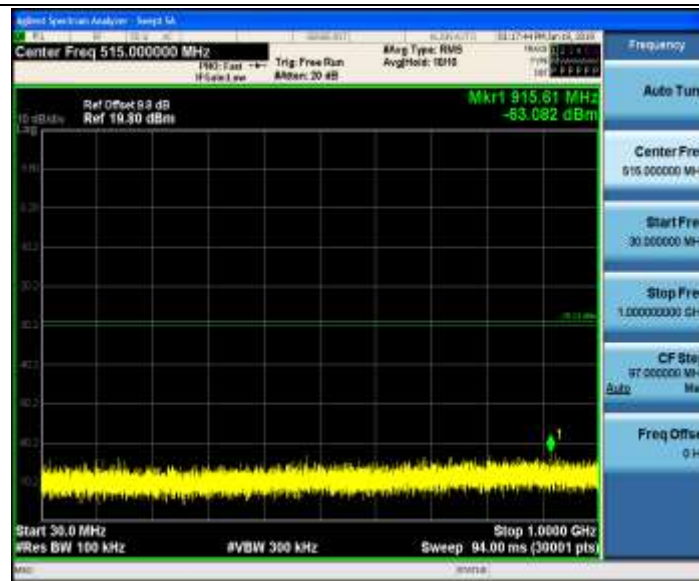
11N40SISO_Ant1_2447_0~Reference



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