

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.640	2407.920	2416.560	0.5	PASS
		2437	8.120	2432.960	2441.080	0.5	PASS
		2462	8.160	2457.920	2466.080	0.5	PASS
11G	Ant1	2412	15.760	2404.440	2420.200	0.5	PASS
		2437	15.560	2429.080	2444.640	0.5	PASS
		2462	15.600	2454.200	2469.800	0.5	PASS
11N20SISO	Ant1	2412	15.200	2404.400	2419.600	0.5	PASS
		2437	17.000	2428.440	2445.440	0.5	PASS
		2462	14.160	2455.680	2469.840	0.5	PASS
11N40SISO	Ant1	2422	35.280	2404.400	2439.680	0.5	PASS
		2437	35.200	2419.400	2454.600	0.5	PASS
		2452	35.200	2434.400	2469.600	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



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



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	13.700	2405.312	2419.012	---	PASS
		2437	13.715	2430.191	2443.906	---	PASS
		2462	13.608	2455.294	2468.902	---	PASS
11G	Ant1	2412	16.860	2403.673	2420.533	---	PASS
		2437	16.917	2428.619	2445.536	---	PASS
		2462	16.821	2453.621	2470.442	---	PASS
11N20SISO	Ant1	2412	18.005	2403.087	2421.092	---	PASS
		2437	18.113	2427.981	2446.094	---	PASS
		2462	17.939	2453.081	2471.020	---	PASS
11N40SISO	Ant1	2422	36.068	2404.051	2440.119	---	PASS
		2437	36.243	2418.991	2455.234	---	PASS
		2452	36.191	2433.995	2470.186	---	PASS

Test Graphs



11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



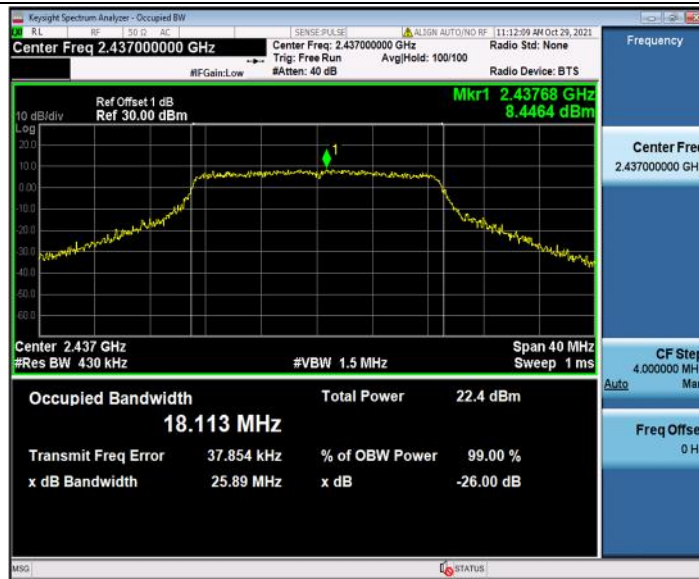
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	19.70	≤30	PASS
		2437	20.18	≤30	PASS
		2462	19.73	≤30	PASS
11G	Ant1	2412	23.03	≤30	PASS
		2437	23.39	≤30	PASS
		2462	22.95	≤30	PASS
11N20SISO	Ant1	2412	22.83	≤30	PASS
		2437	23.33	≤30	PASS
		2462	22.88	≤30	PASS
11N40SISO	Ant1	2422	23.86	≤30	PASS
		2437	24.40	≤30	PASS
		2452	24.18	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.31	≤8	PASS
		2437	-4.34	≤8	PASS
		2462	-5.32	≤8	PASS
11G	Ant1	2412	-7.46	≤8	PASS
		2437	-7.29	≤8	PASS
		2462	-8.93	≤8	PASS
11N20SISO	Ant1	2412	-8.5	≤8	PASS
		2437	-8.05	≤8	PASS
		2462	-8.48	≤8	PASS
11N40SISO	Ant1	2422	-11.24	≤8	PASS
		2437	-11.02	≤8	PASS
		2452	-9.73	≤8	PASS

Test Graphs



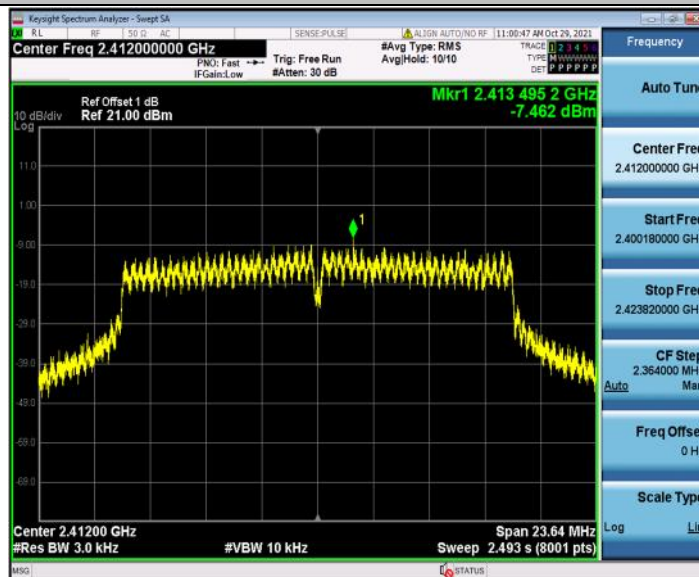
11B_Ant1_2412



11B_Ant1_2437



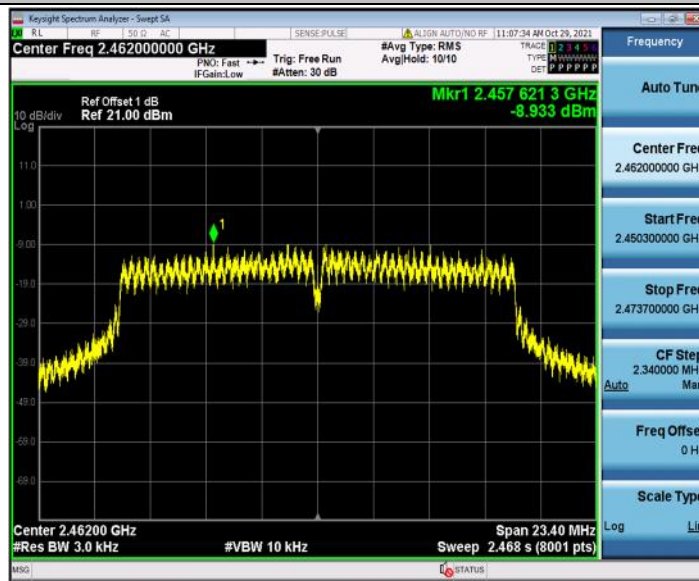
11B_Ant1_2462



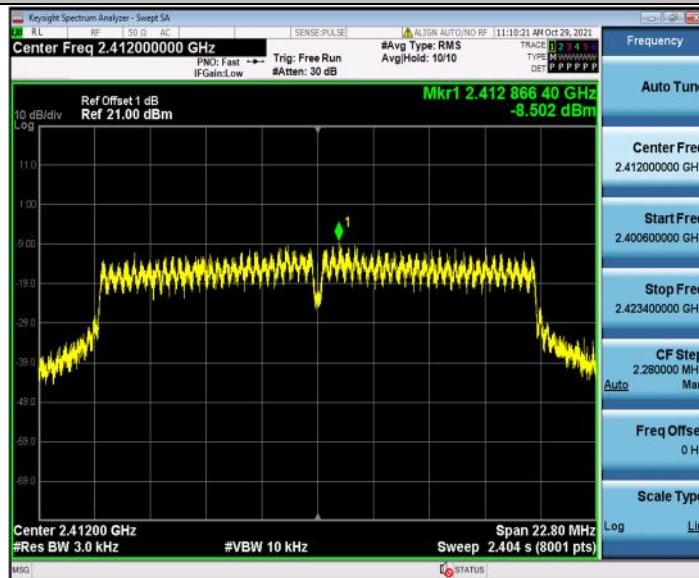
11G_Ant1_2412



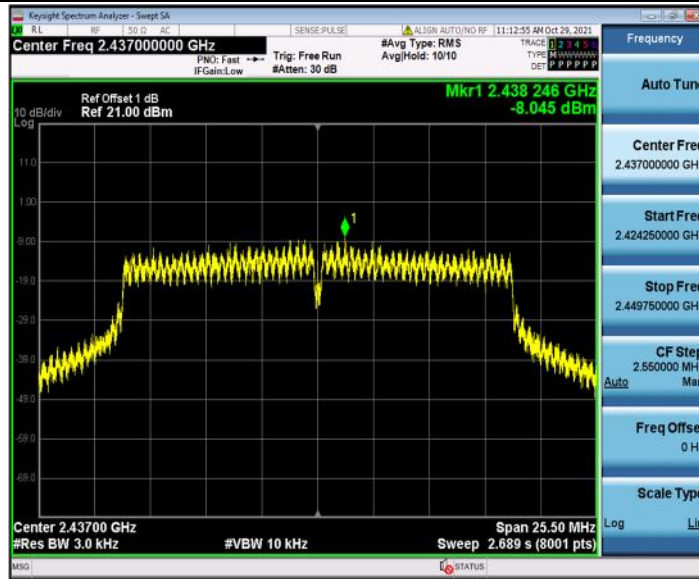
11G_Ant1_2437



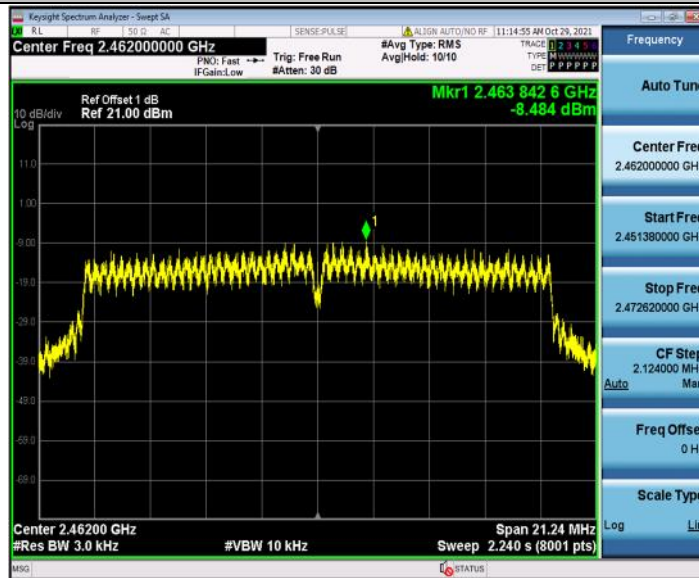
11G_Ant1_2462



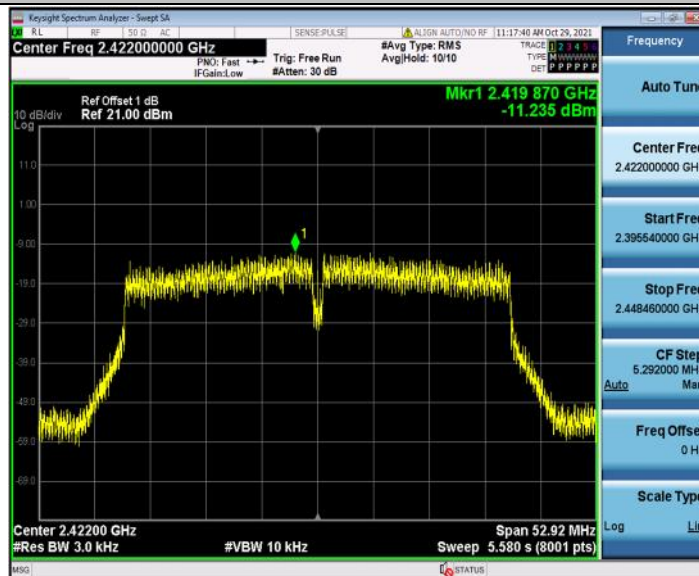
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix E: Band edge measurements

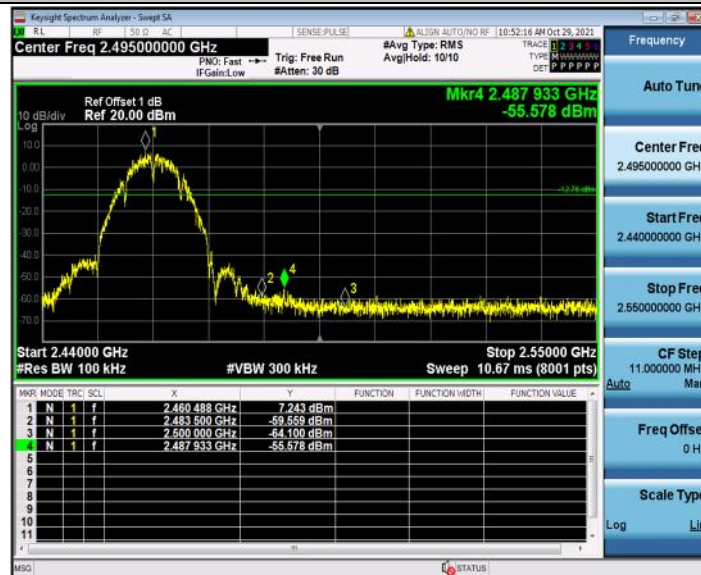
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.11	-39.66	≤ -12.89	PASS
		High	2462	7.24	-55.58	≤ -12.76	PASS
11G	Ant1	Low	2412	4.27	-27.24	≤ -15.73	PASS
		High	2462	3.34	-48.76	≤ -16.66	PASS
11N20SISO	Ant1	Low	2412	5.15	-26.18	≤ -14.85	PASS
		High	2462	2.96	-46.04	≤ -17.04	PASS
11N40SISO	Ant1	Low	2422	2.43	-36.18	≤ -17.57	PASS
		High	2452	1.21	-36.76	≤ -18.79	PASS

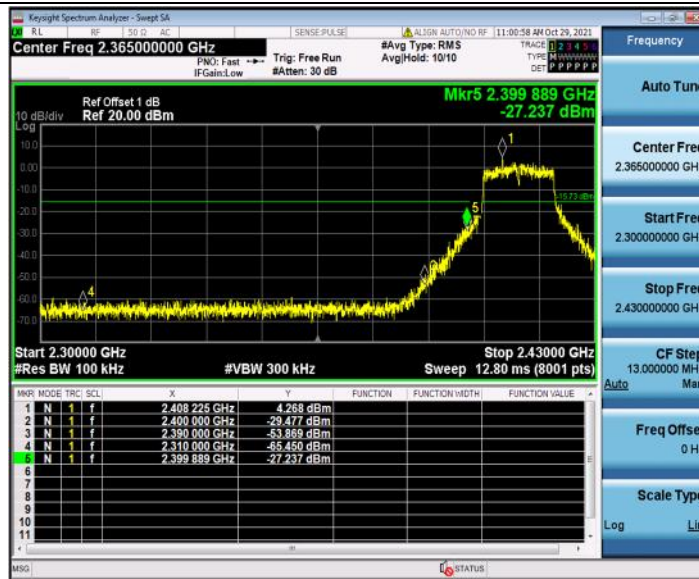
Test Graphs



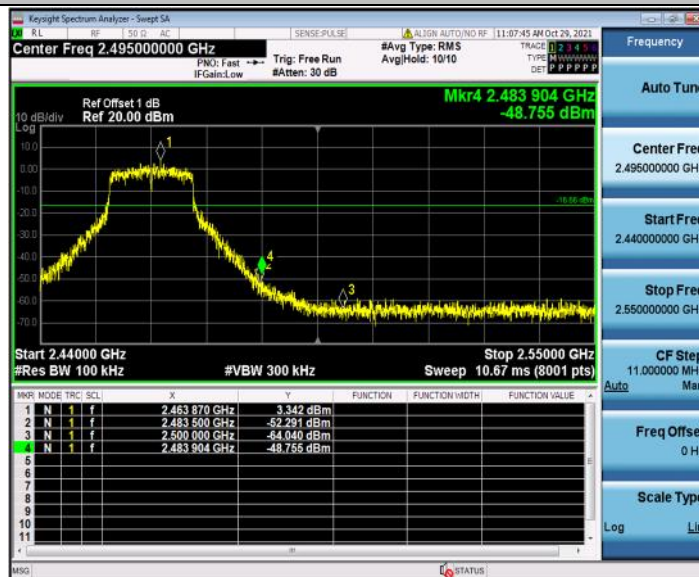
11B_Ant1_Low_2412



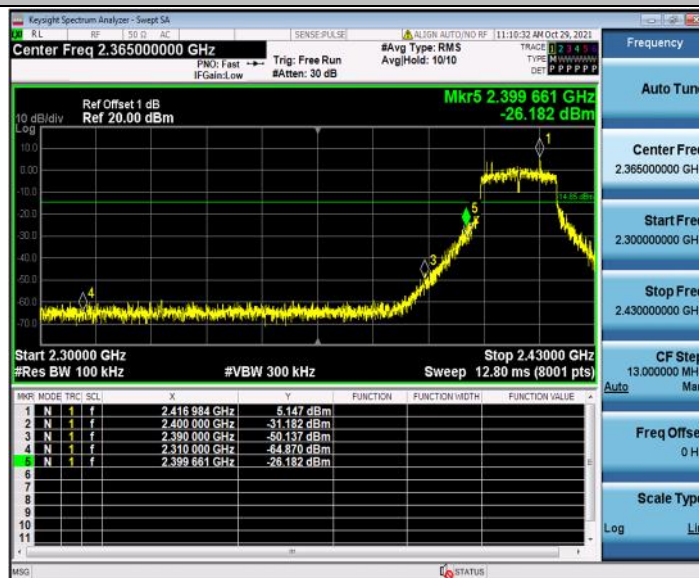
11B_Ant1_High_2462



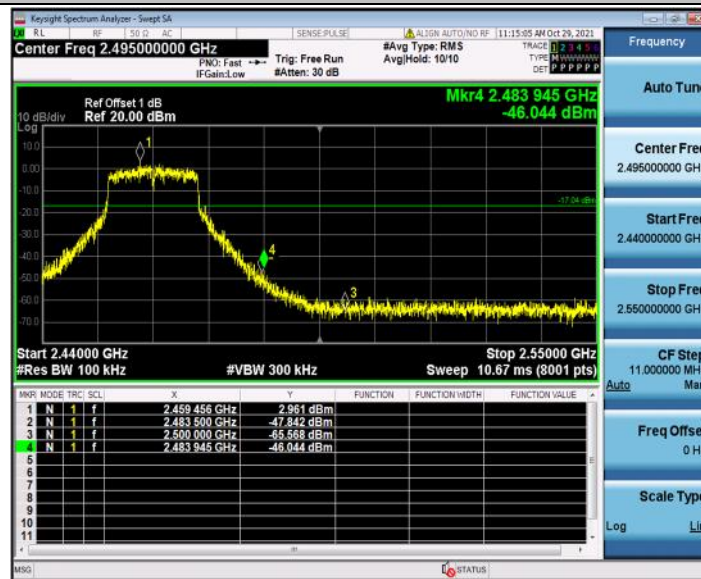
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

Appendix F: Conducted Spurious Emission

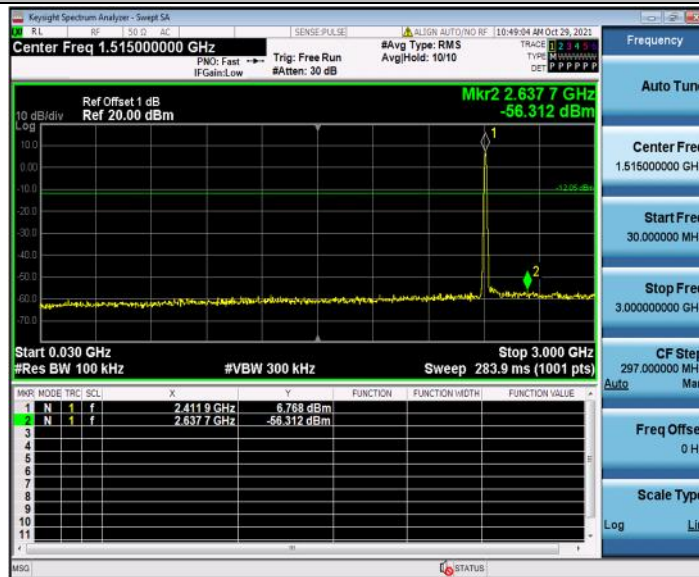
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.95	7.95	---	PASS
			30~3000	7.95	-56.31	≤-12.05	PASS
			3000~26500	7.95	-36.98	≤-12.05	PASS
		2437	Reference	8.71	8.71	---	PASS
			30~3000	8.71	-55.94	≤-11.29	PASS
			3000~26500	8.71	-37.17	≤-11.29	PASS
		2462	Reference	8.10	8.10	---	PASS
			30~3000	8.10	-56.02	≤-11.9	PASS
			3000~26500	8.10	-38.56	≤-11.9	PASS
11G	Ant1	2412	Reference	6.14	6.14	---	PASS
			30~3000	6.14	-55.95	≤-13.86	PASS
			3000~26500	6.14	-44.65	≤-13.86	PASS
		2437	Reference	7.21	7.21	---	PASS
			30~3000	7.21	-56.87	≤-12.79	PASS
			3000~26500	7.21	-45.4	≤-12.79	PASS
		2462	Reference	5.46	5.46	---	PASS
			30~3000	5.46	-55.88	≤-14.54	PASS
			3000~26500	5.46	-44.78	≤-14.54	PASS
11N20SISO	Ant1	2412	Reference	5.22	5.22	---	PASS
			30~3000	5.22	-56.14	≤-14.78	PASS
			3000~26500	5.22	-45.46	≤-14.78	PASS
		2437	Reference	7.29	7.29	---	PASS
			30~3000	7.29	-54.78	≤-12.71	PASS
			3000~26500	7.29	-44.67	≤-12.71	PASS
		2462	Reference	6.81	6.81	---	PASS
			30~3000	6.81	-56.54	≤-13.2	PASS
			3000~26500	6.81	-44.97	≤-13.2	PASS
11N40SISO	Ant1	2422	Reference	3.58	3.58	---	PASS
			30~3000	3.58	-56.63	≤-16.42	PASS
			3000~26500	3.58	-44.14	≤-16.42	PASS
		2437	Reference	3.72	3.72	---	PASS
			30~3000	3.72	-55.9	≤-16.29	PASS
			3000~26500	3.72	-45.08	≤-16.29	PASS
		2452	Reference	4.21	4.21	---	PASS
			30~3000	4.21	-56.43	≤-15.79	PASS
			3000~26500	4.21	-45.05	≤-15.79	PASS

Test Graphs



11B_Ant1_2412_0~Reference



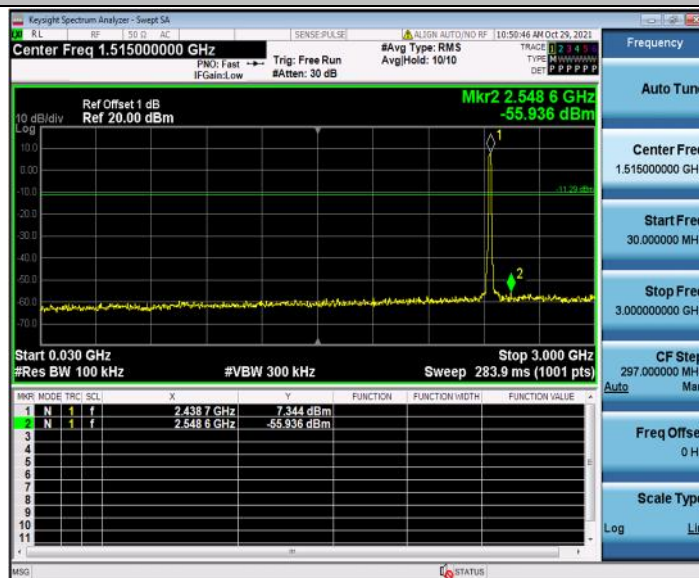
11B_Ant1_2412_30~3000



11B_Ant1_2412_3000~26500



11B_Ant1_2437_0~Reference



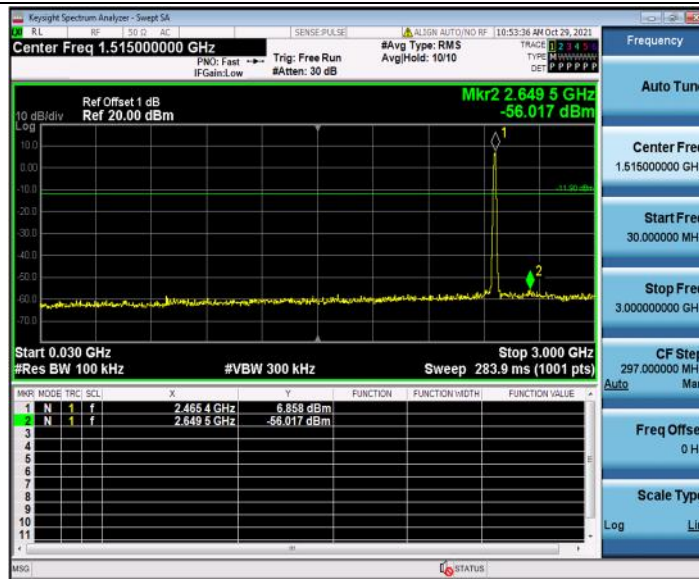
11B_Ant1_2437_30~3000



11B_Ant1_2437_3000~26500



11B_Ant1_2462_0~Reference



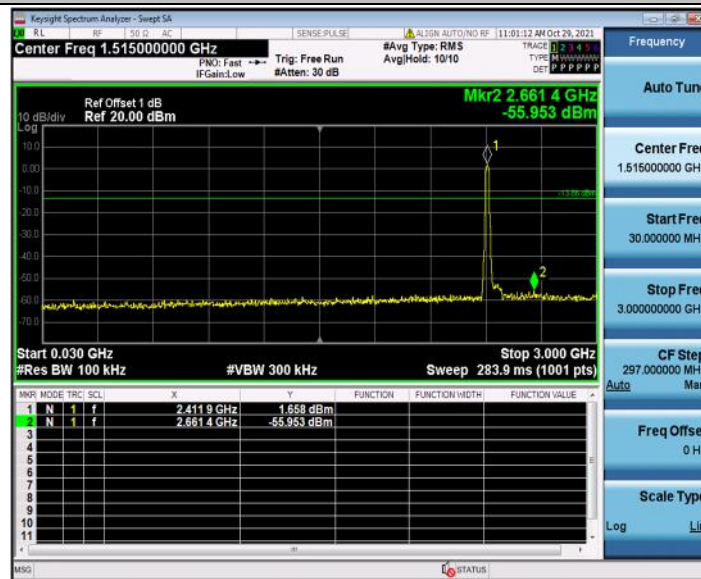
11B_Ant1_2462_30~3000



11B_Ant1_2462_3000~26500



11G_Ant1_2412_0~Reference



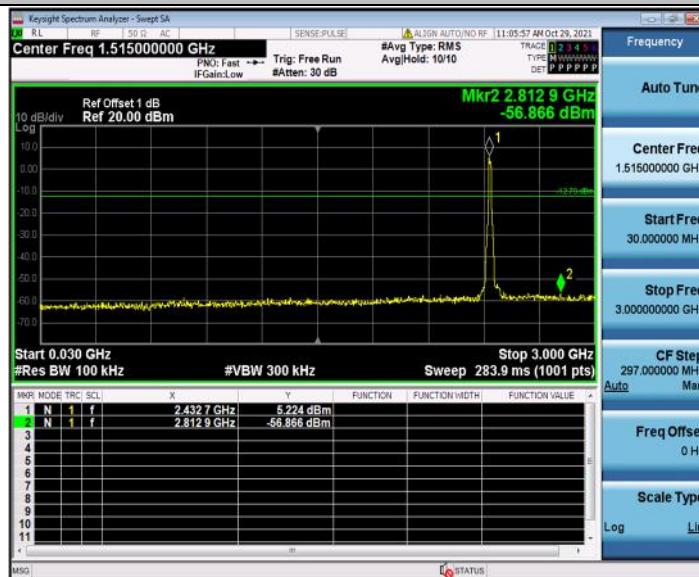
11G_Ant1_2412_30~3000



11G_Ant1_2412_3000~26500



11G_Ant1_2437_0~Reference



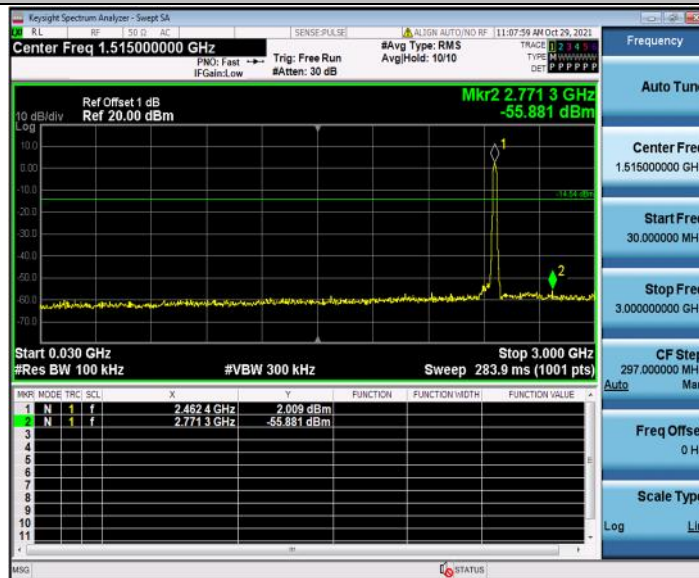
11G_Ant1_2437_30~3000



11G_Ant1_2437_3000~26500



11G_Ant1_2462_0~Reference



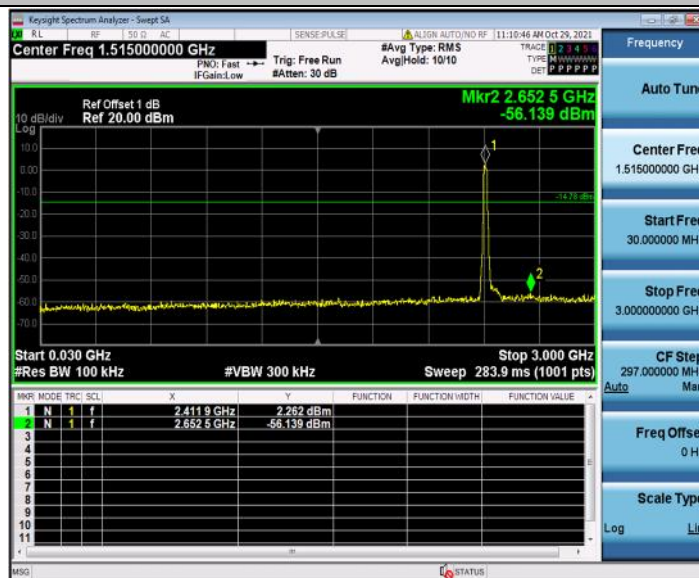
11G_Ant1_2462_30~3000



11G_Ant1_2462_3000~26500



11N20SISO_Ant1_2412_0~Reference



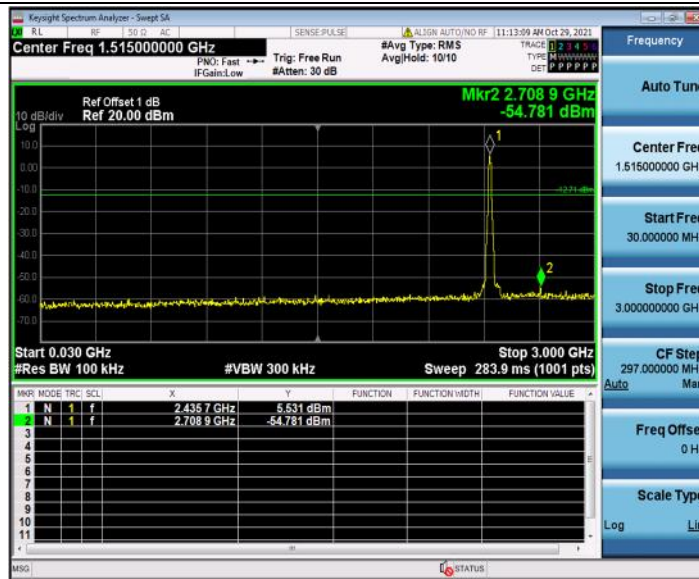
11N20SISO_Ant1_2412_30~3000



11N20SISO_Ant1_2412_3000~26500



11N20SISO_Ant1_2437_0~Reference



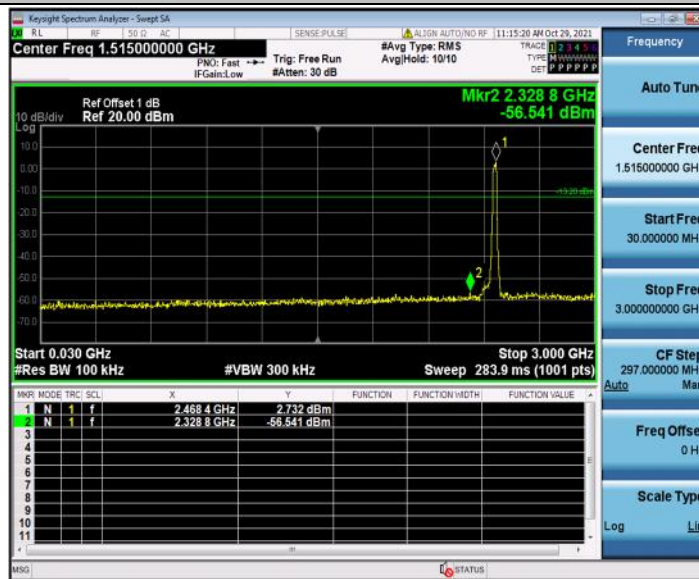
11N20SISO_Ant1_2437_30~3000



11N20SISO_Ant1_2437_3000~26500



11N20SISO_Ant1_2462_0~Reference



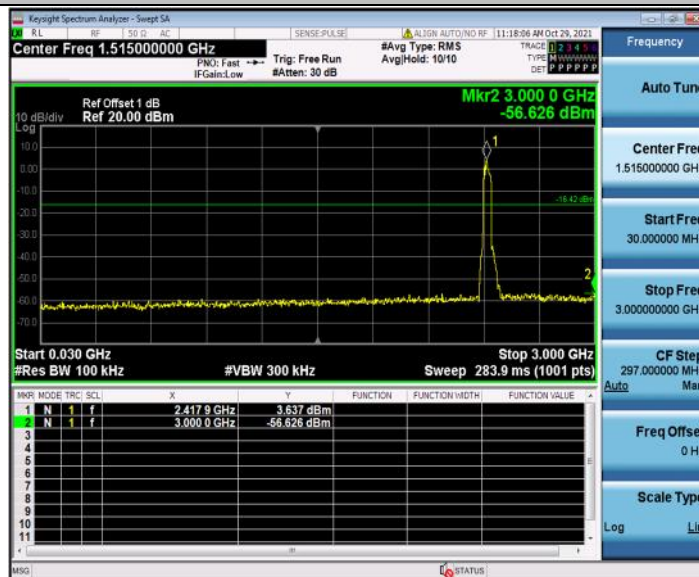
11N20SISO_Ant1_2462_30~3000



11N20SISO_Ant1_2462_3000~26500



11N40SISO_Ant1_2422_0~Reference



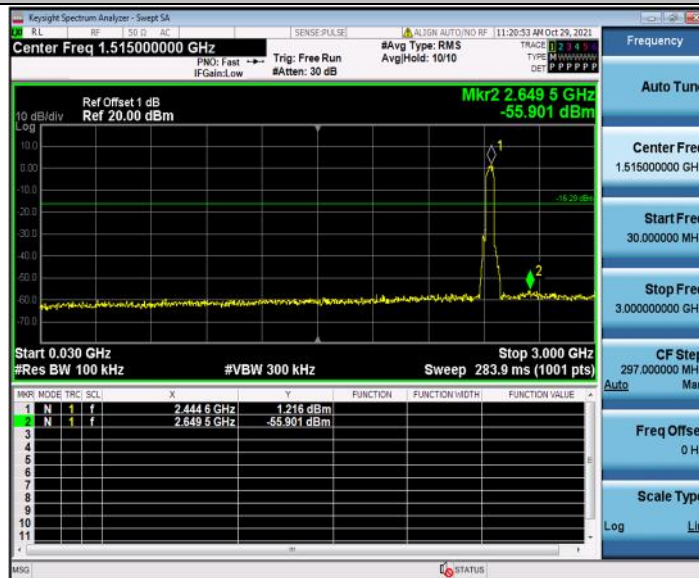
11N40SISO_Ant1_2422_30~3000



11N40SISO_Ant1_2422_3000~26500



11N40SISO_Ant1_2437_0~Reference



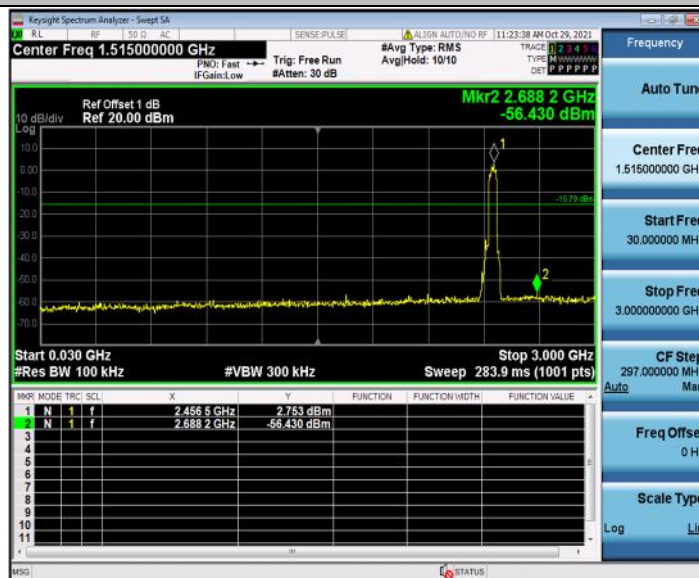
11N40SISO_Ant1_2437_30~3000



11N40SISO_Ant1_2437_3000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~3000



11N40SISO_Ant1_2452_3000~26500

Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.20	12.32	99.03	---	PASS
		2437	12.21	12.33	99.03	---	PASS
		2462	12.20	12.33	98.95	---	PASS
11G	Ant1	2412	2.03	2.07	98.07	---	PASS
		2437	2.02	2.06	98.06	---	PASS
		2462	2.03	2.06	98.54	---	PASS
11N20SISO	Ant1	2412	1.89	1.93	97.93	---	PASS
		2437	1.89	1.93	97.93	---	PASS
		2462	1.89	1.92	98.44	---	PASS
11N40SISO	Ant1	2422	0.93	0.98	94.90	---	PASS
		2437	0.93	0.98	94.90	---	PASS
		2452	0.93	0.98	94.90	---	PASS

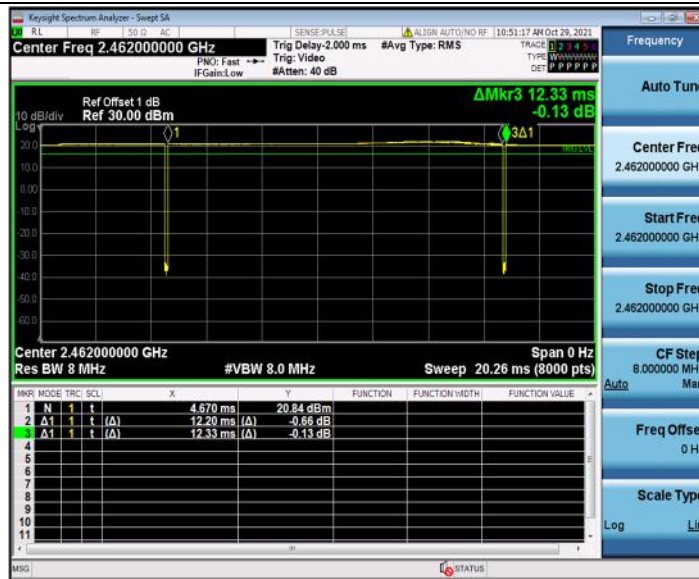
Test Graphs



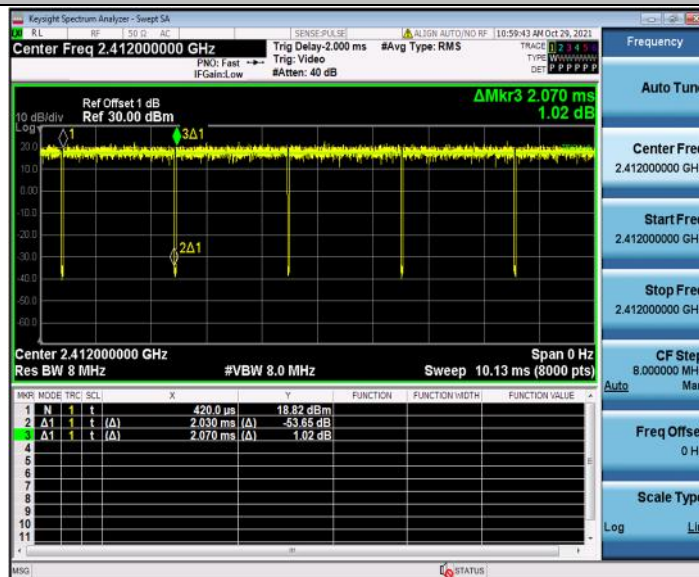
11B_Ant1_2412



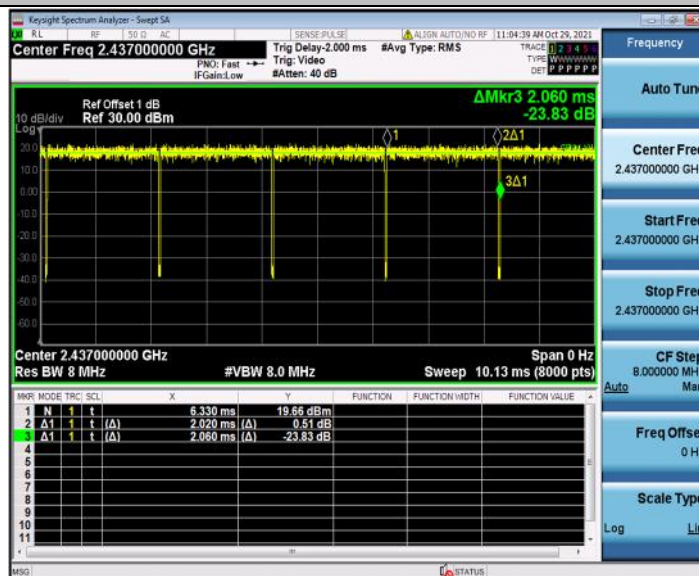
11B_Ant1_2437



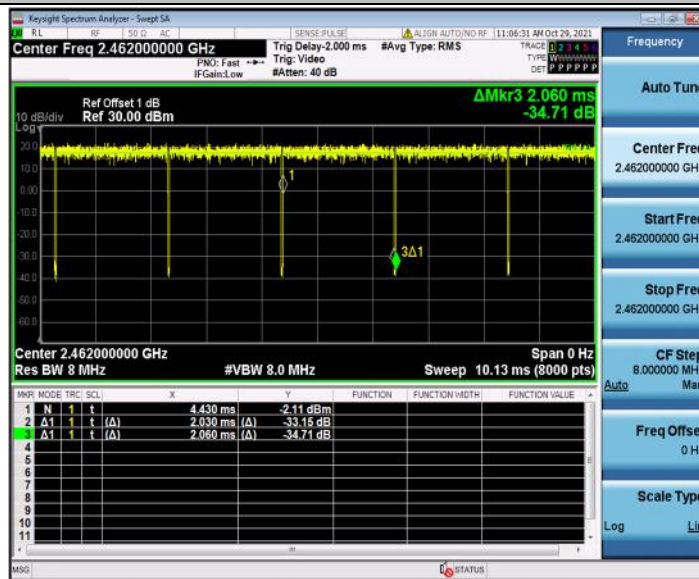
11B_Ant1_2462



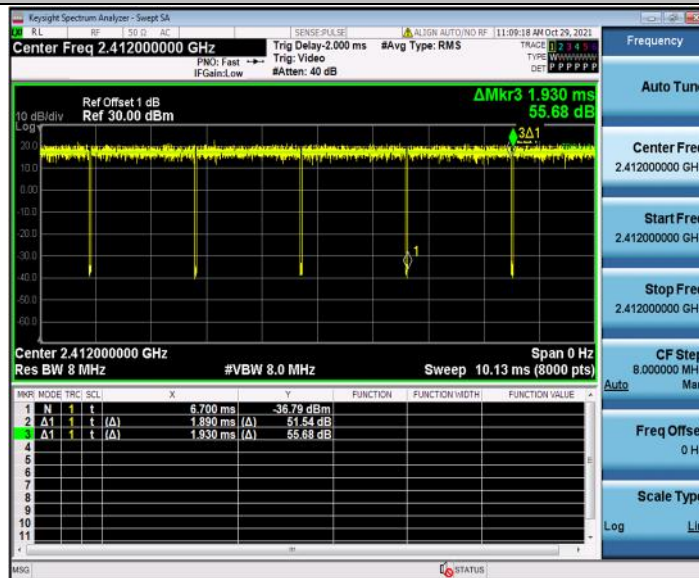
11G_Ant1_2412



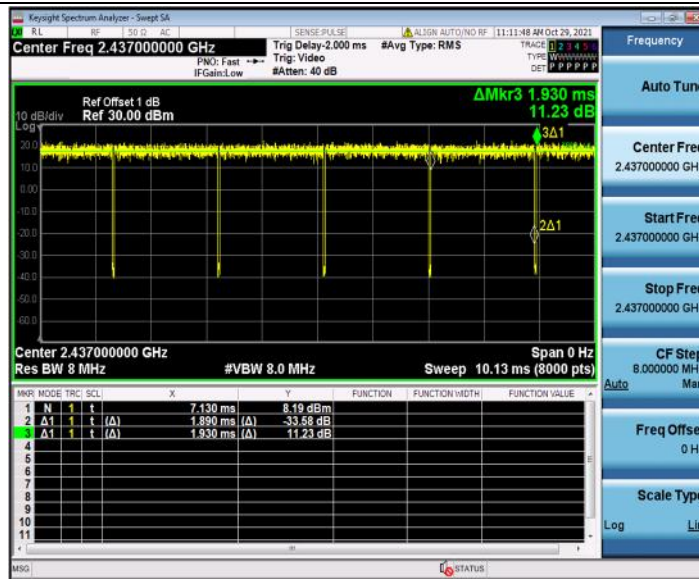
11G_Ant1_2437



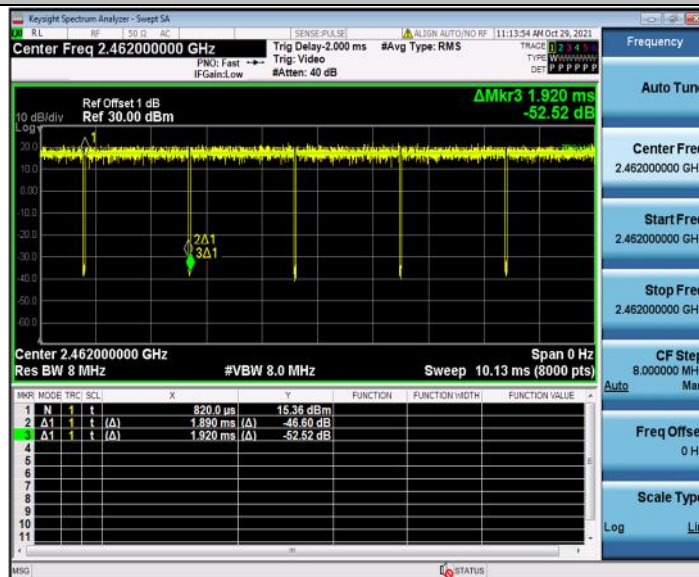
11G_Ant1_2462



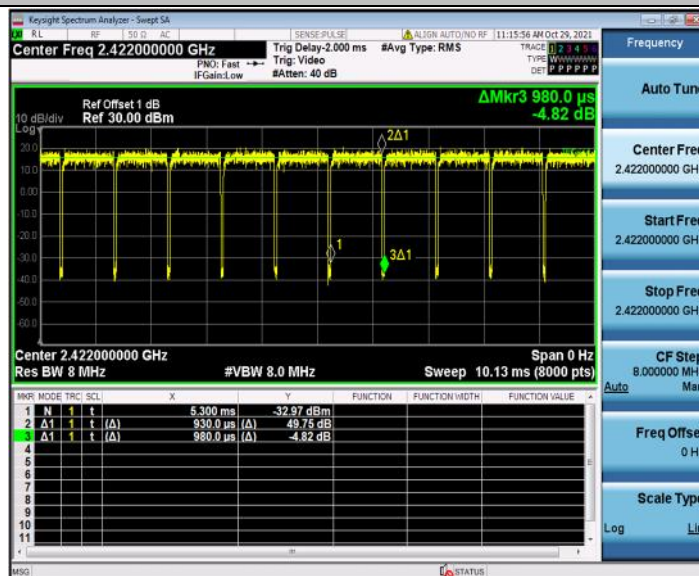
11N20SISO_Ant1_2412



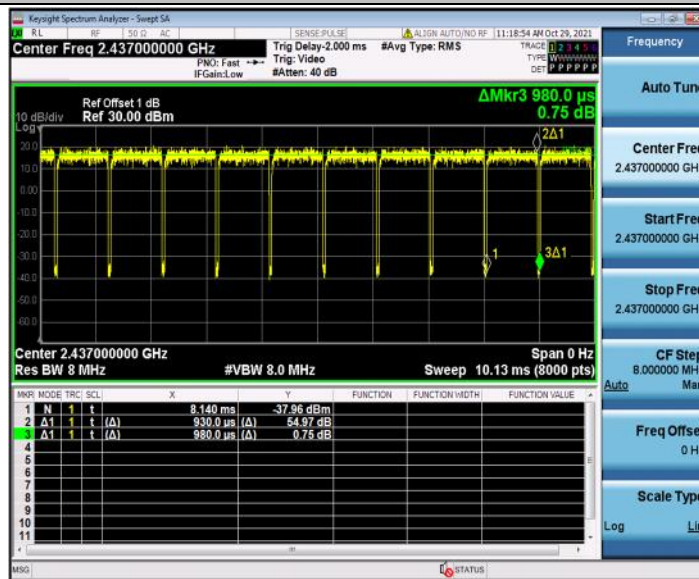
11N20SISO_Ant1_2437



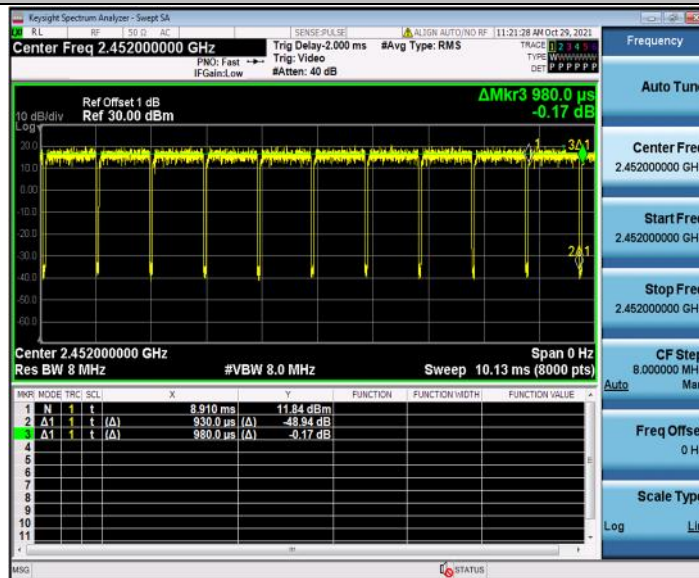
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

***** End *****