

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	F _L [MHz]	F _H [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.160	2406.920	2417.080	0.5	PASS
		2437	10.120	2431.960	2442.080	0.5	PASS
		2462	9.640	2457.360	2467.000	0.5	PASS
11G	Ant1	2412	16.440	2403.760	2420.200	0.5	PASS
		2437	16.440	2428.760	2445.200	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.360	2403.200	2420.560	0.5	PASS
		2437	17.360	2428.200	2445.560	0.5	PASS
		2462	17.640	2453.160	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.680	2404.000	2439.680	0.5	PASS
		2437	35.680	2419.000	2454.680	0.5	PASS
		2452	35.840	2434.000	2469.840	0.5	PASS

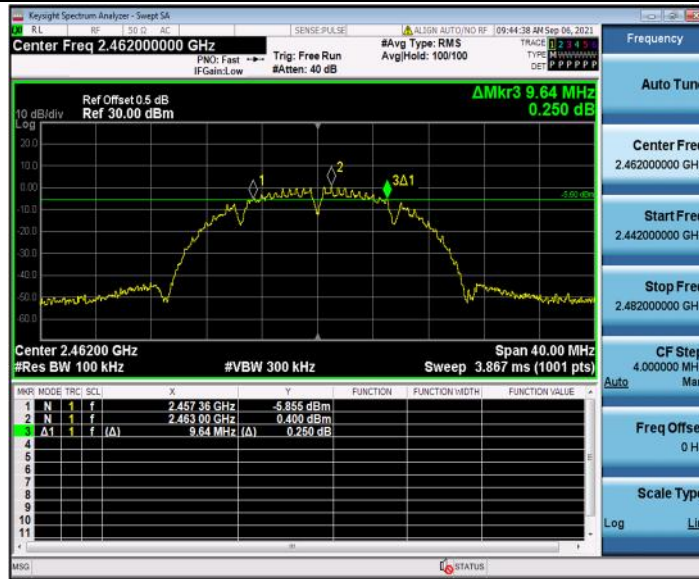
Test Graphs



11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



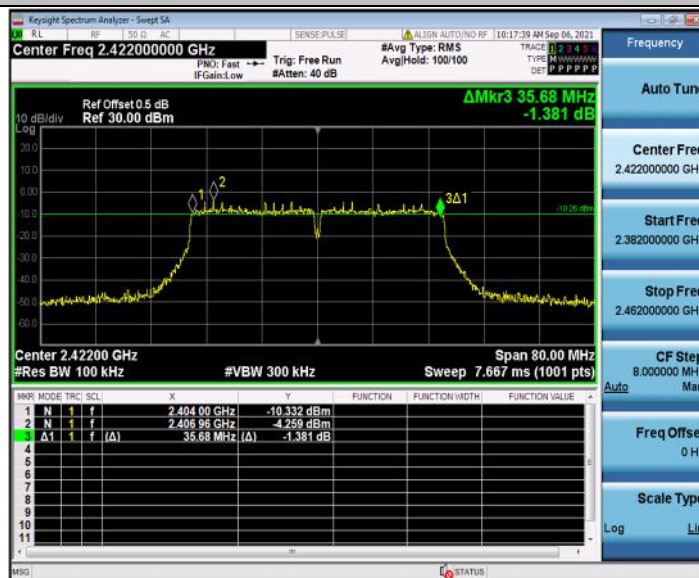
11N20SISO_Ant1_2412



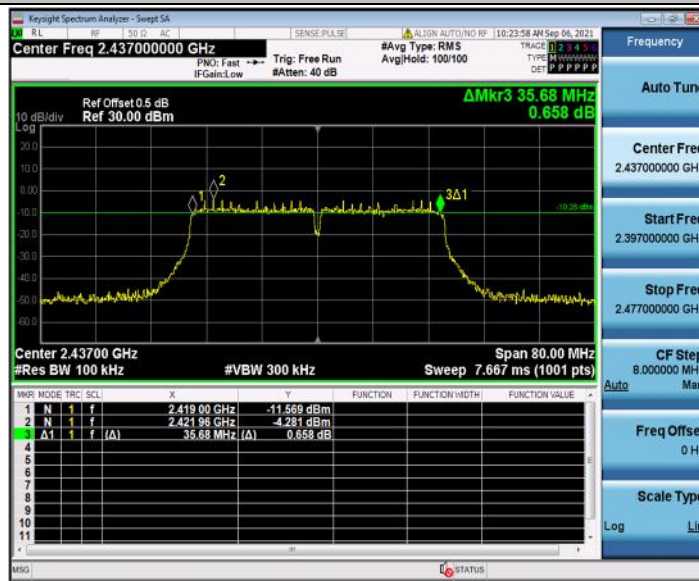
11N20SISO_Ant1_2437



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	15.044	2404.468	2419.512	---	PASS
		2437	15.040	2429.473	2444.513	---	PASS
		2462	15.033	2454.477	2469.510	---	PASS
11G	Ant1	2412	17.011	2403.534	2420.545	---	PASS
		2437	17.079	2428.481	2445.560	---	PASS
		2462	16.985	2453.555	2470.540	---	PASS
11N20SISO	Ant1	2412	17.948	2403.049	2420.997	---	PASS
		2437	17.961	2428.051	2446.012	---	PASS
		2462	18.012	2452.991	2471.003	---	PASS
11N40SISO	Ant1	2422	36.390	2403.874	2440.264	---	PASS
		2437	36.390	2418.807	2455.197	---	PASS
		2452	36.351	2433.857	2470.208	---	PASS

Test Graphs



11B_Ant1_2412



11B_Ant1_2437



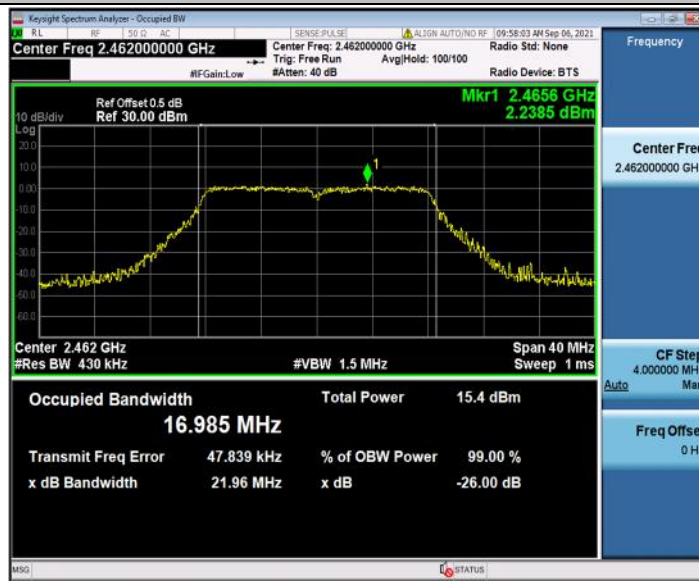
11B_Ant1_2462



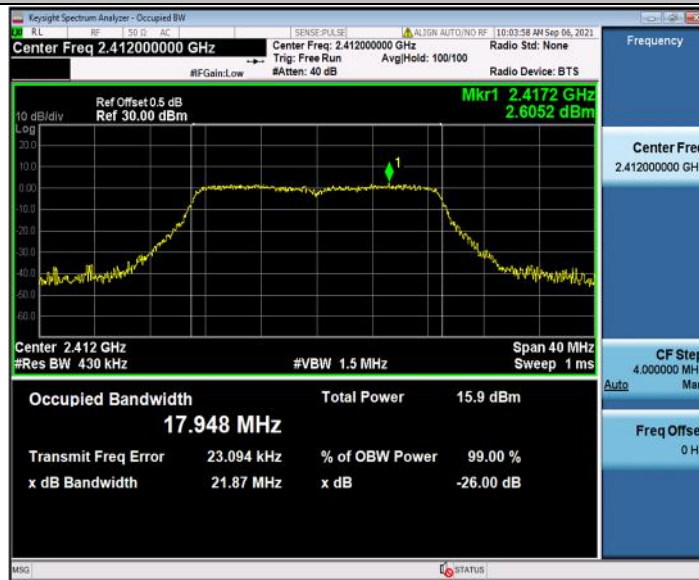
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



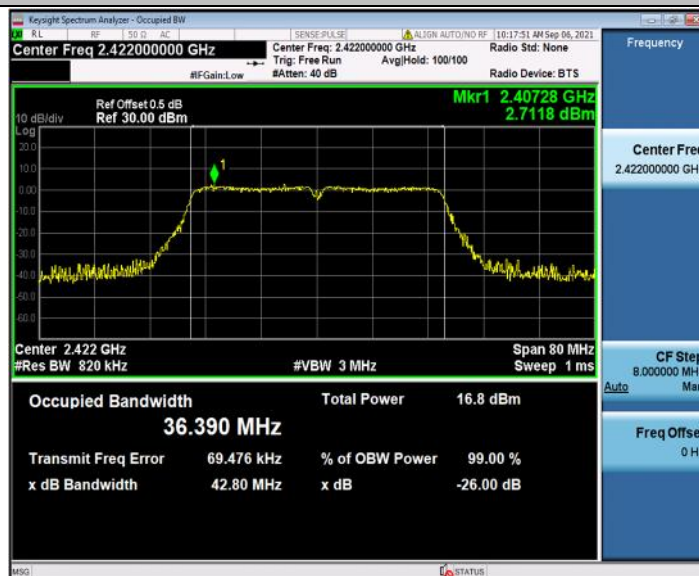
11N20SISO_Ant1_2412



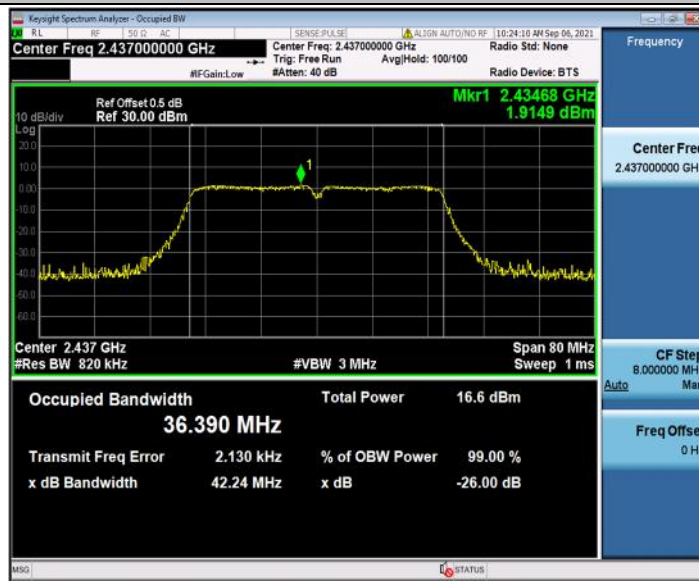
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix C: Maximum conducted output power

Test Result

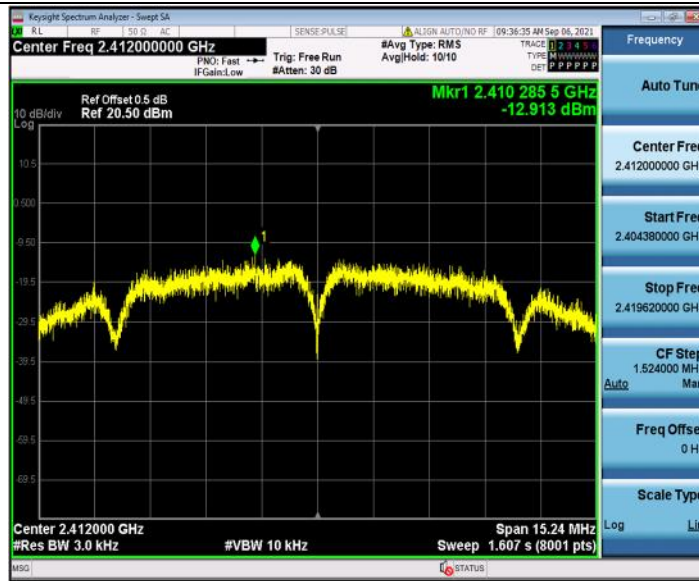
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.32	≤30	PASS
		2437	13.08	≤30	PASS
		2462	12.62	≤30	PASS
11G	Ant1	2412	16.90	≤30	PASS
		2437	16.57	≤30	PASS
		2462	16.50	≤30	PASS
11N20SISO	Ant1	2412	17.07	≤30	PASS
		2437	16.77	≤30	PASS
		2462	16.40	≤30	PASS
11N40SISO	Ant1	2422	17.07	≤30	PASS
		2437	16.94	≤30	PASS
		2452	16.82	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.91	≤8	PASS
		2437	-12.15	≤8	PASS
		2462	-12.6	≤8	PASS
11G	Ant1	2412	-15.66	≤8	PASS
		2437	-15.08	≤8	PASS
		2462	-15.74	≤8	PASS
11N20SISO	Ant1	2412	-15.09	≤8	PASS
		2437	-15.62	≤8	PASS
		2462	-15.31	≤8	PASS
11N40SISO	Ant1	2422	-18.58	≤8	PASS
		2437	-18.02	≤8	PASS
		2452	-18.54	≤8	PASS

Test Graphs



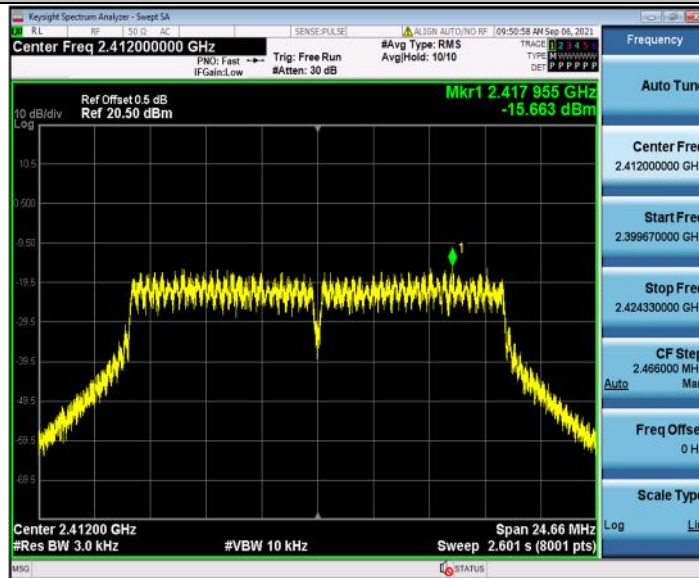
11B_Ant1_2412



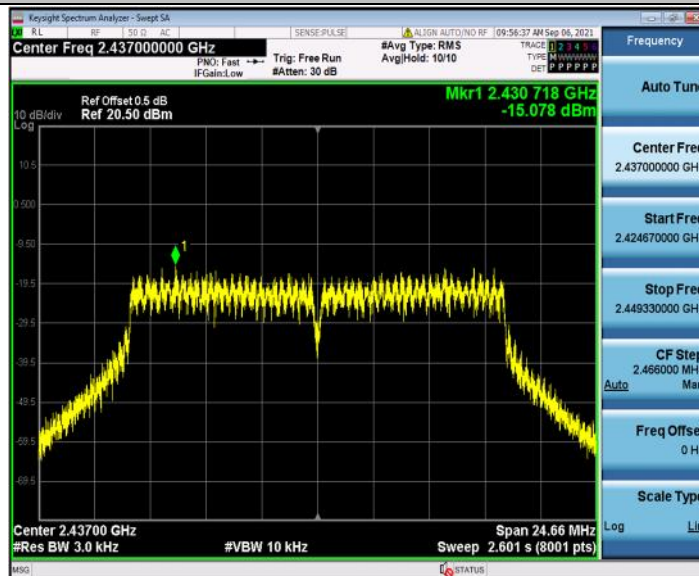
11B_Ant1_2437



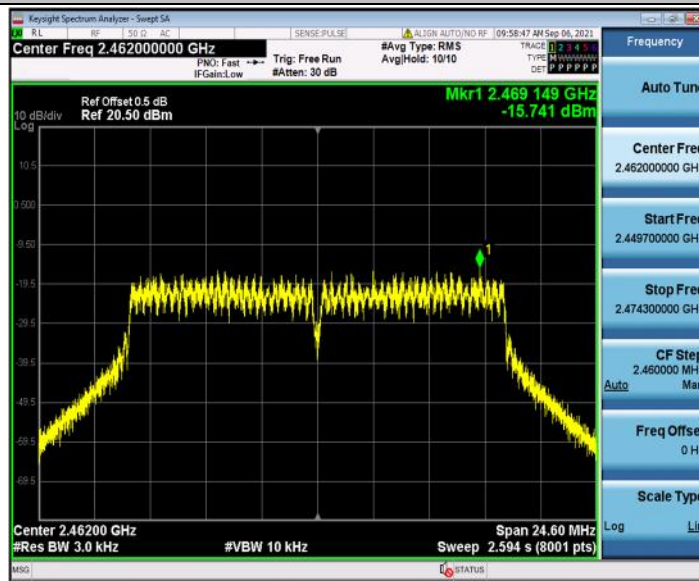
11B_Ant1_2462



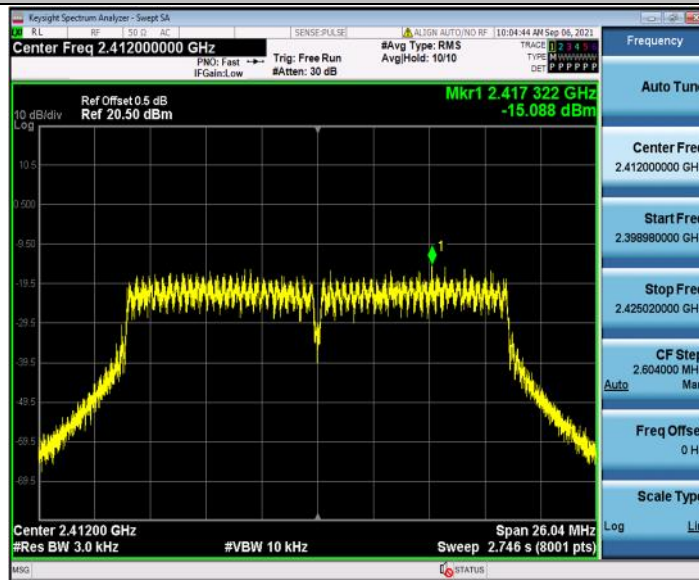
11G_Ant1_2412



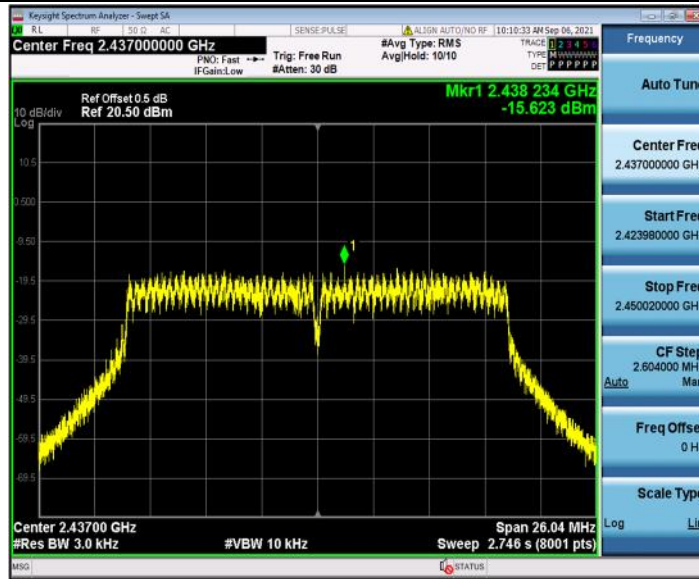
11G_Ant1_2437



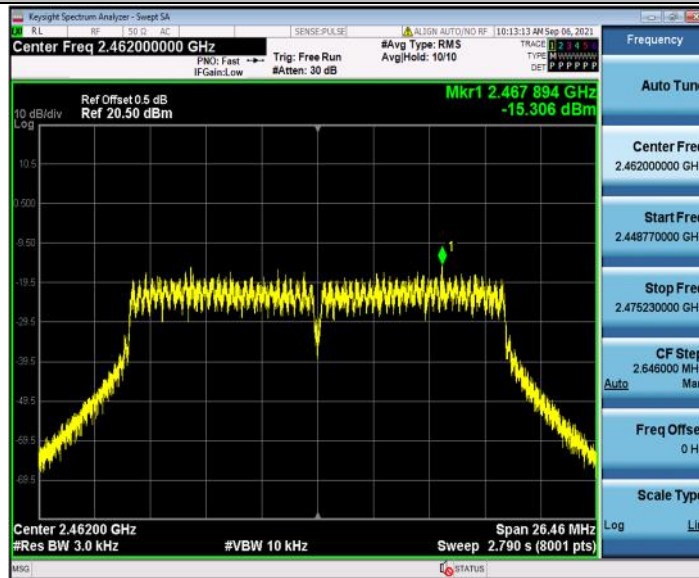
11G_Ant1_2462



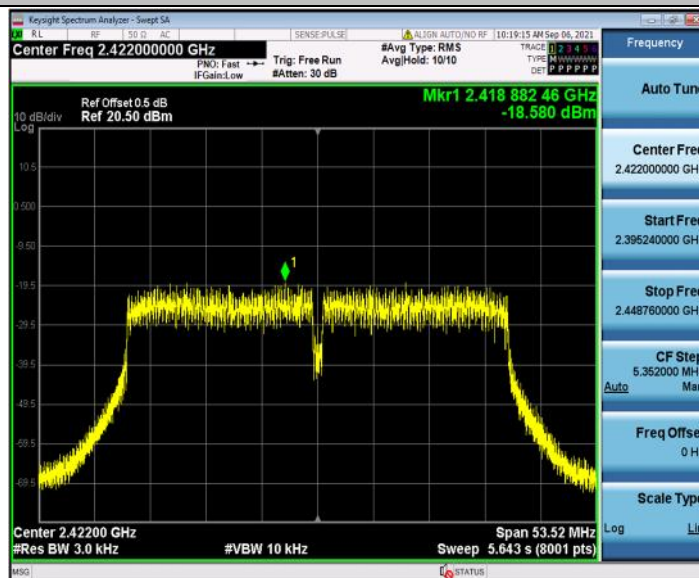
11N20SISO_Ant1_2412



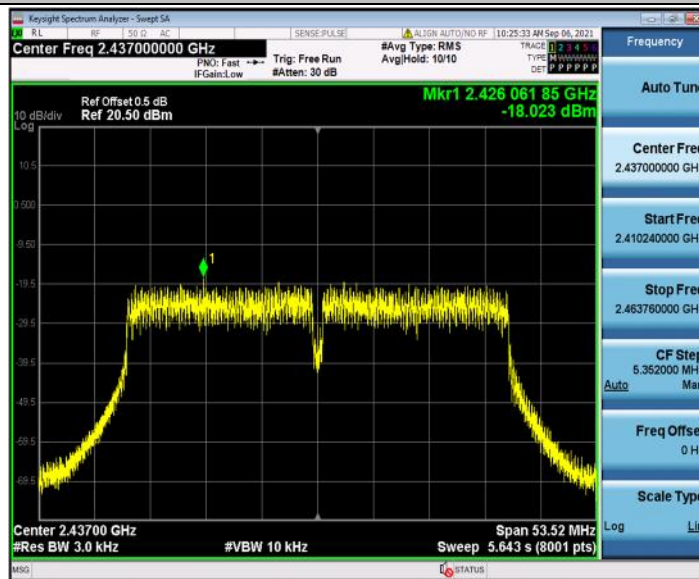
11N20SISO_Ant1_2437



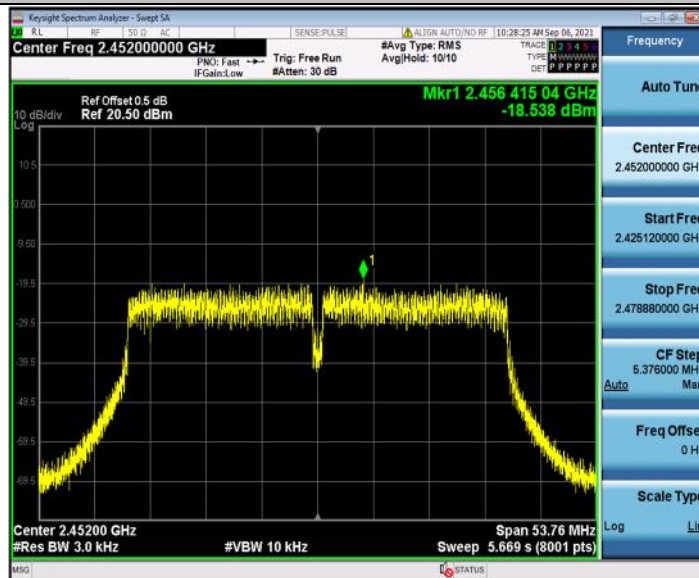
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



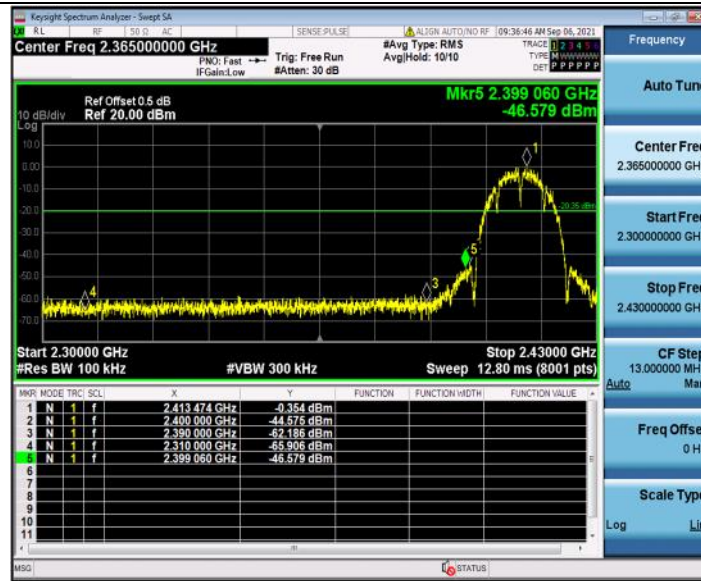
11N40SISO_Ant1_2452

Appendix E: Band edge measurements

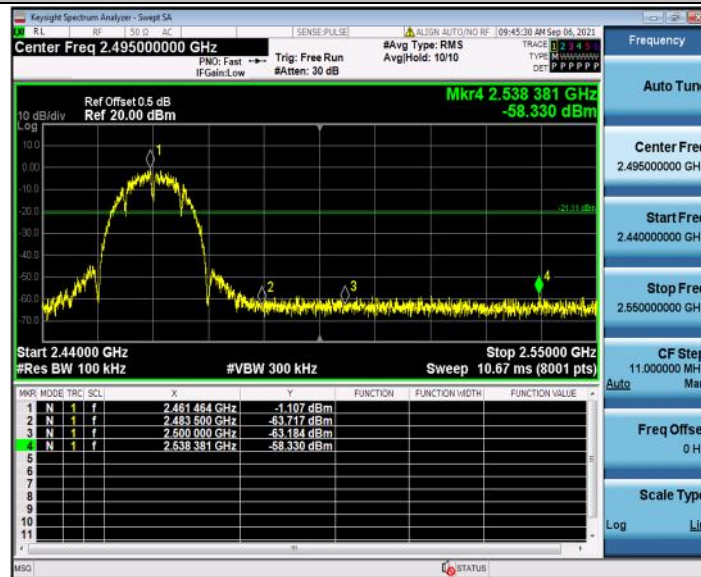
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-0.35	-46.58	≤ -20.35	PASS
		High	2462	-1.11	-58.33	≤ -21.11	PASS
11G	Ant1	Low	2412	-1.89	-43.23	≤ -21.89	PASS
		High	2462	-2.98	-55.75	≤ -22.98	PASS
11N20SISO	Ant1	Low	2412	-1.74	-40.31	≤ -21.74	PASS
		High	2462	-5.41	-54.85	≤ -25.41	PASS
11N40SISO	Ant1	Low	2422	-4.89	-44.3	≤ -24.89	PASS
		High	2452	-4.59	-52.64	≤ -24.59	PASS

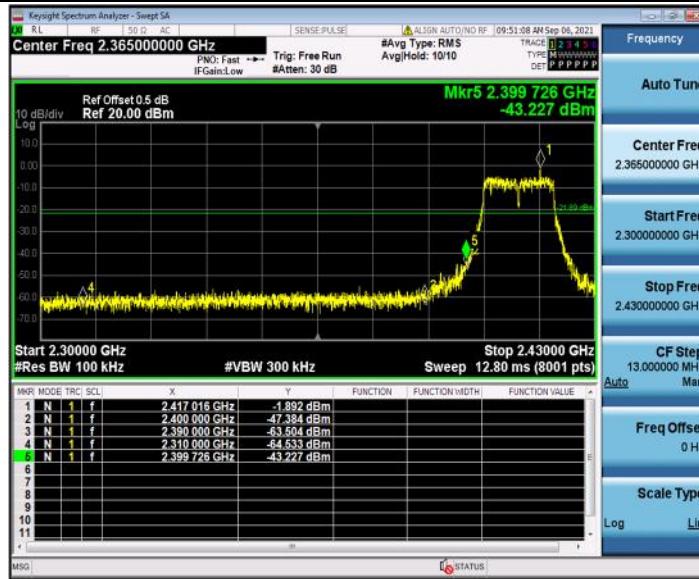
Test Graphs



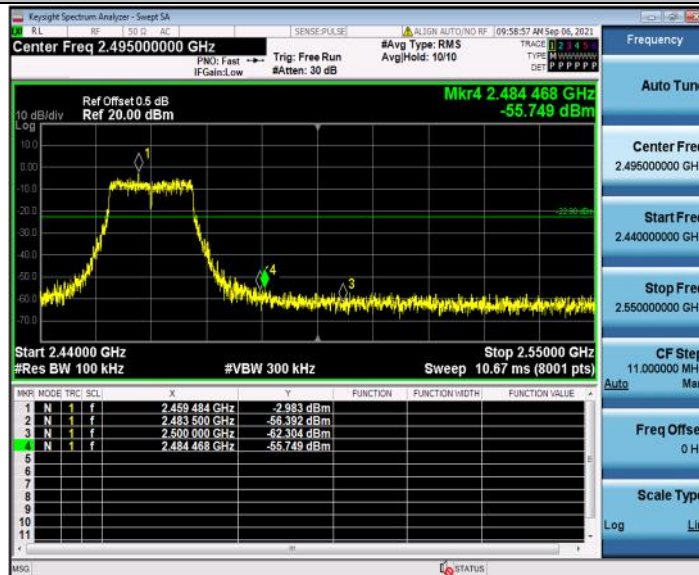
11B_Ant1_Low_2412



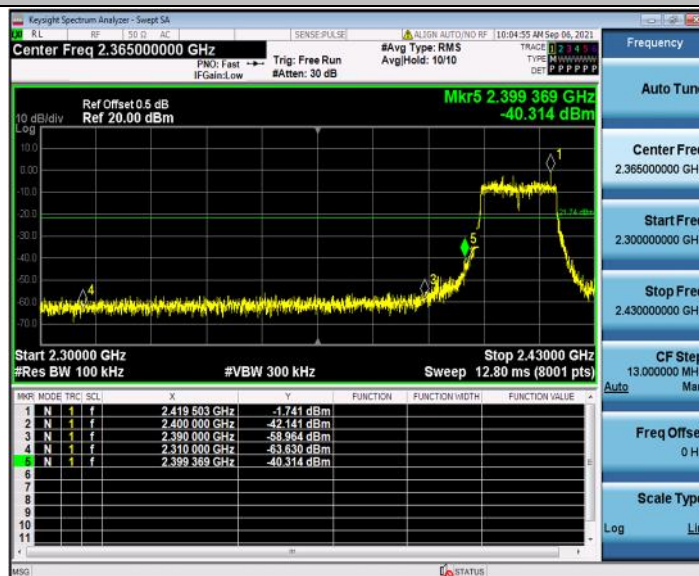
11B_Ant1_High_2462



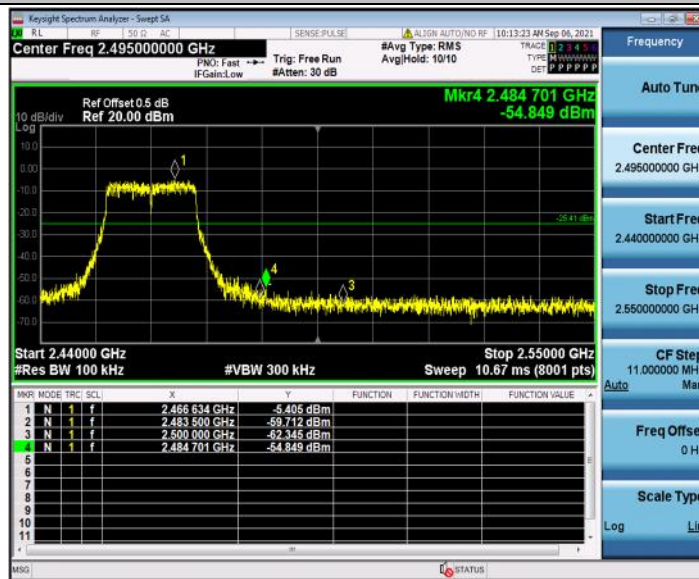
11G_Ant1_Low_2412



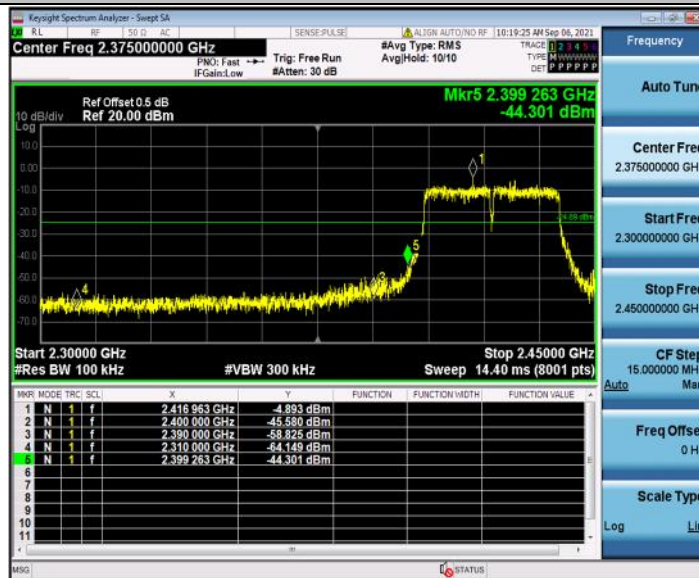
11G_Ant1_High_2462



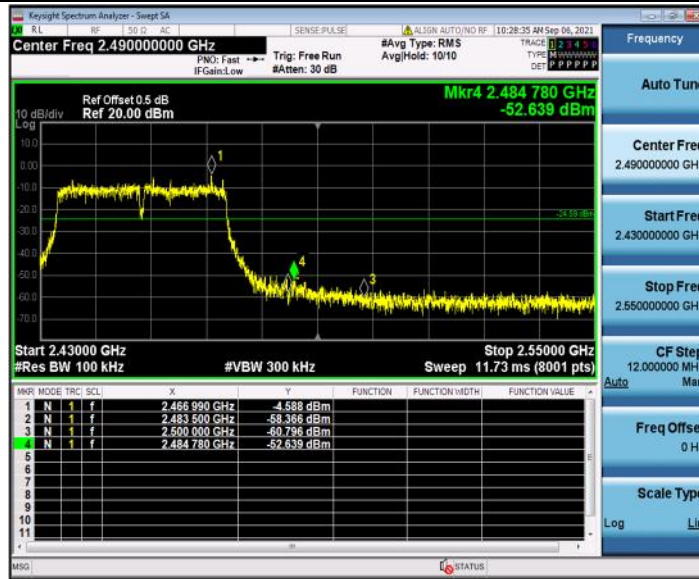
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

Appendix F: Conducted Spurious Emission

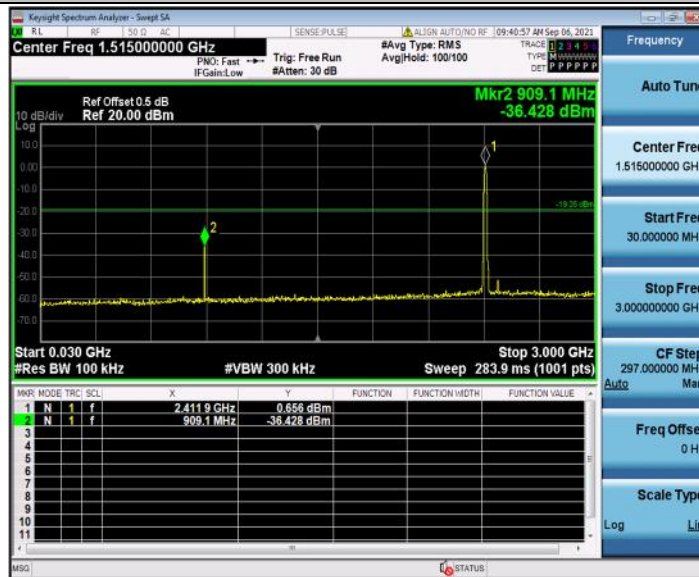
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	0.65	0.65	---	PASS
			30~3000	0.65	-36.43	≤-19.35	PASS
			3000~26500	0.65	-45.61	≤-19.35	PASS
		2437	Reference	0.48	0.48	---	PASS
			30~3000	0.48	-55.57	≤-19.52	PASS
			3000~26500	0.48	-44.61	≤-19.52	PASS
		2462	Reference	0.21	0.21	---	PASS
			30~3000	0.21	-55.52	≤-19.79	PASS
			3000~26500	0.21	-44.58	≤-19.79	PASS
11G	Ant1	2412	Reference	-1.05	-1.05	---	PASS
			30~3000	-1.05	-54.43	≤-21.05	PASS
			3000~26500	-1.05	-45.52	≤-21.05	PASS
		2437	Reference	-3.78	-3.78	---	PASS
			30~3000	-3.78	-52.94	≤-23.78	PASS
			3000~26500	-3.78	-45.27	≤-23.78	PASS
		2462	Reference	-1.65	-1.65	---	PASS
			30~3000	-1.65	-53.95	≤-21.65	PASS
			3000~26500	-1.65	-45.34	≤-21.65	PASS
11N20SISO	Ant1	2412	Reference	-1.38	-1.38	---	PASS
			30~3000	-1.38	-54.49	≤-21.38	PASS
			3000~26500	-1.38	-45.3	≤-21.38	PASS
		2437	Reference	-2.16	-2.16	---	PASS
			30~3000	-2.16	-50.08	≤-22.16	PASS
			3000~26500	-2.16	-45.46	≤-22.16	PASS
		2462	Reference	-2.10	-2.10	---	PASS
			30~3000	-2.10	-38.2	≤-22.1	PASS
			3000~26500	-2.10	-45.44	≤-22.1	PASS
11N40SISO	Ant1	2422	Reference	-4.03	-4.03	---	PASS
			30~3000	-4.03	-50.67	≤-24.03	PASS
			3000~26500	-4.03	-45.57	≤-24.03	PASS
		2437	Reference	-4.29	-4.29	---	PASS
			30~3000	-4.29	-53.84	≤-24.29	PASS
			3000~26500	-4.29	-44.78	≤-24.29	PASS
		2452	Reference	-4.59	-4.59	---	PASS
			30~3000	-4.59	-54.12	≤-24.59	PASS
			3000~26500	-4.59	-44.26	≤-24.59	PASS

Test Graphs



11B_Ant1_2412_0~Reference



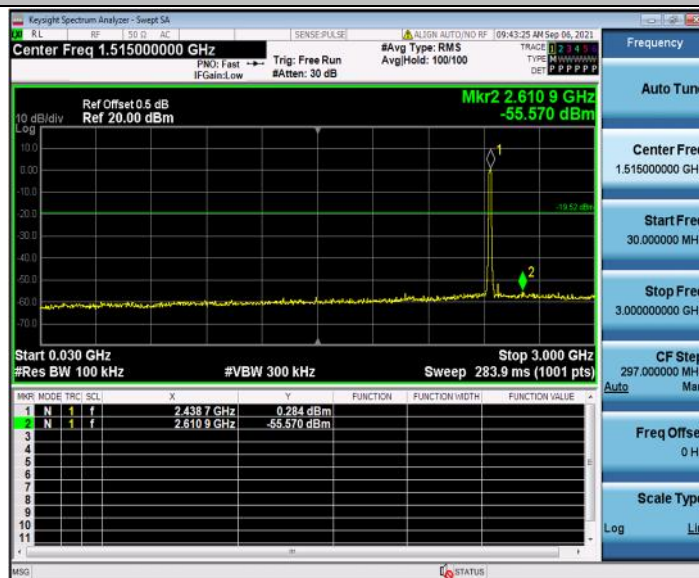
11B_Ant1_2412_30~3000



11B_Ant1_2412_3000~26500



11B_Ant1_2437_0~Reference



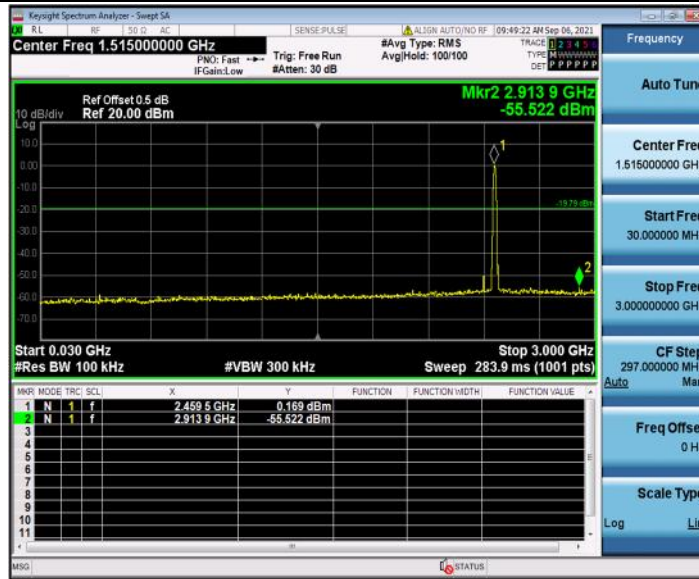
11B_Ant1_2437_30-3000



11B_Ant1_2437_3000-26500



11B_Ant1_2462_0-Reference



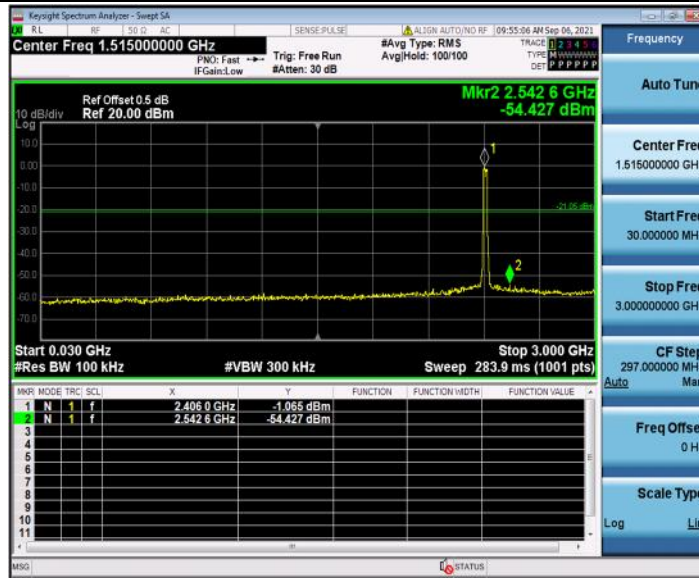
11B_Ant1_2462_30~3000



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



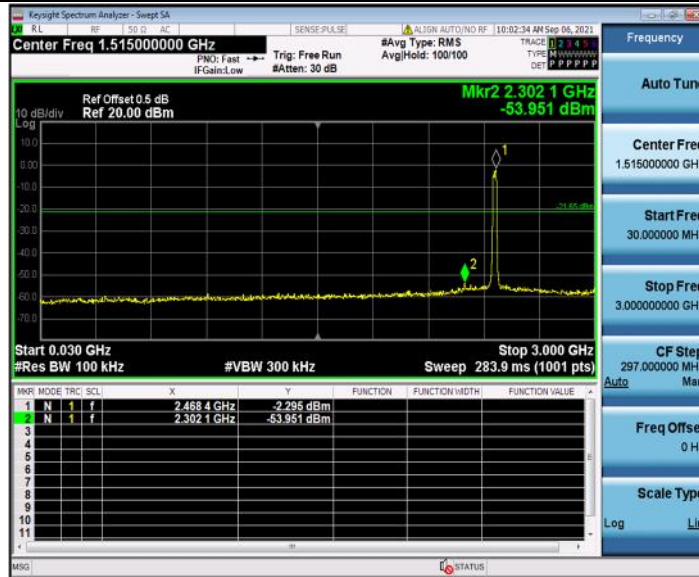
11G_Ant1_2437_30~3000



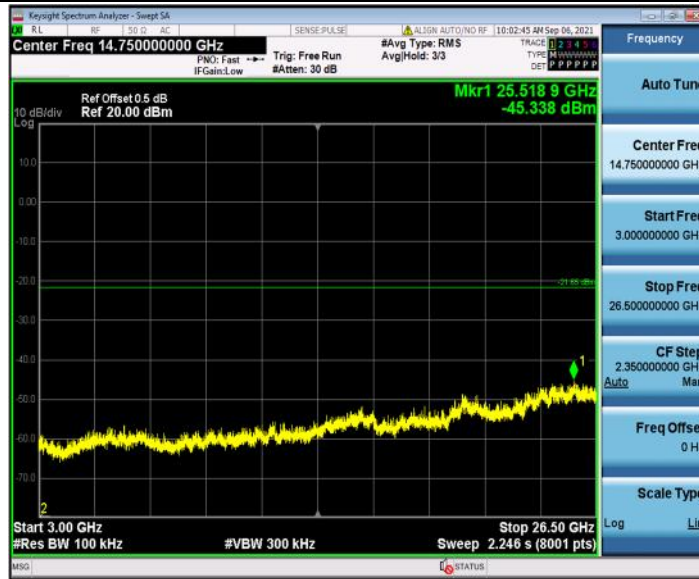
11G_Ant1_2437_3000~26500



11G_Ant1_2462_0~Reference



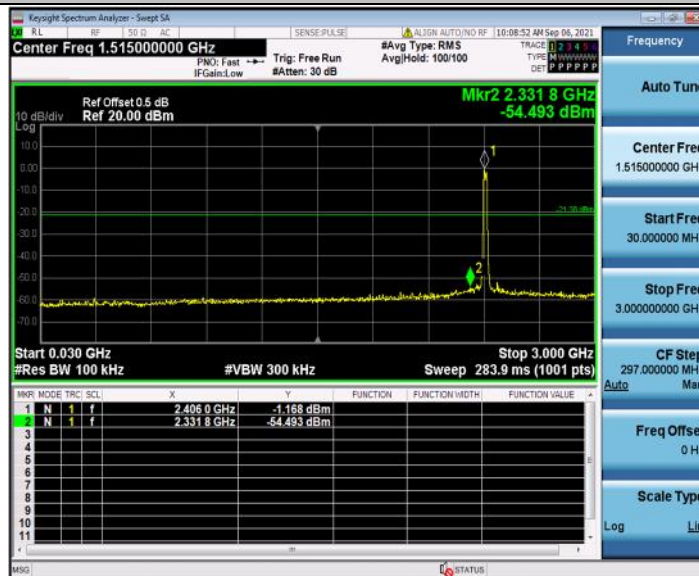
11G_Ant1_2462_30~3000



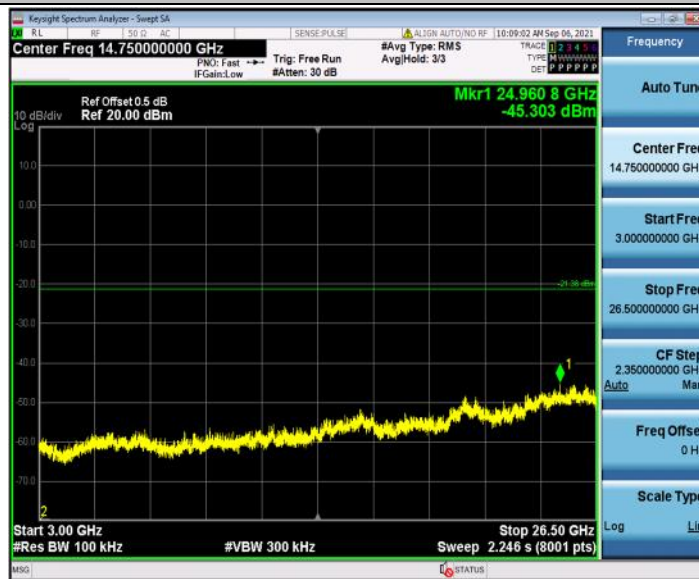
11G_Ant1_2462_3000~26500



11N20SIS0_Ant1_2412_0~Reference



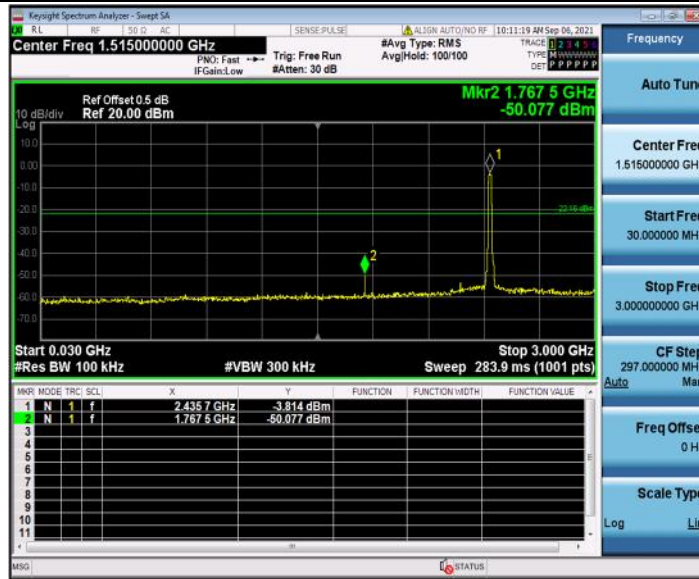
11N20SISO_Ant1_2412_30~3000



11N20SISO_Ant1_2412_3000~26500



11N20SISO_Ant1_2437_0~Reference



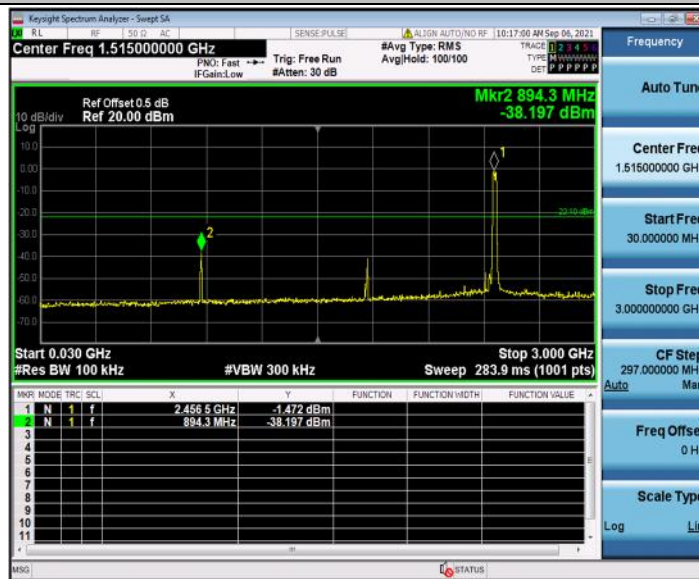
11N20SISO_Ant1_2437_30-3000



11N20SISO_Ant1_2437_3000-26500



11N20SISO_Ant1_2462_0~Reference



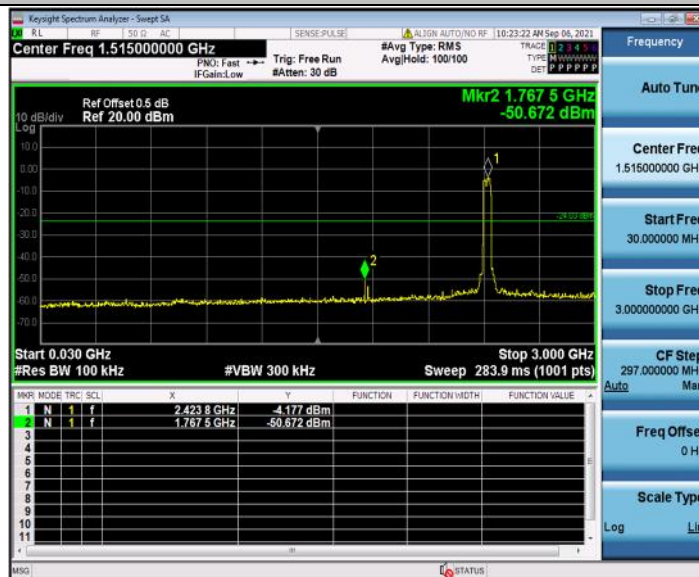
11N20SISO_Ant1_2462_30~3000



11N20SISO_Ant1_2462_3000~26500



11N40SISO_Ant1_2422_0~Reference



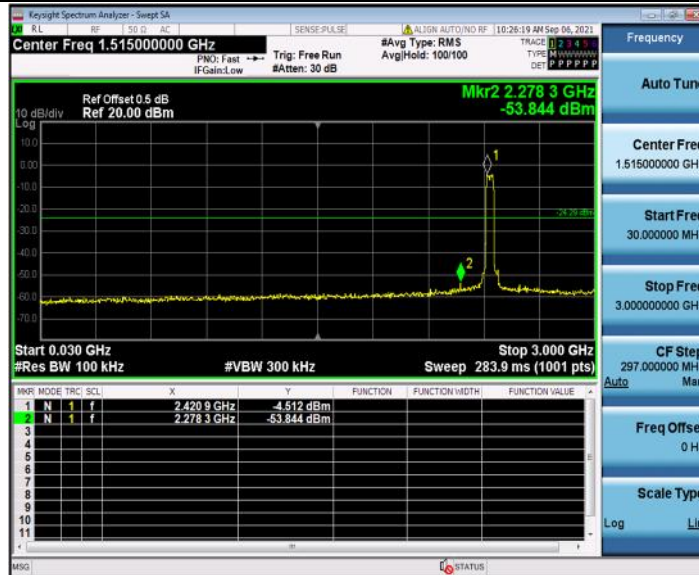
11N40SISO_Ant1_2422_30~3000



11N40SISO_Ant1_2422_3000-26500



11N40SISO_Ant1_2437_0-Reference



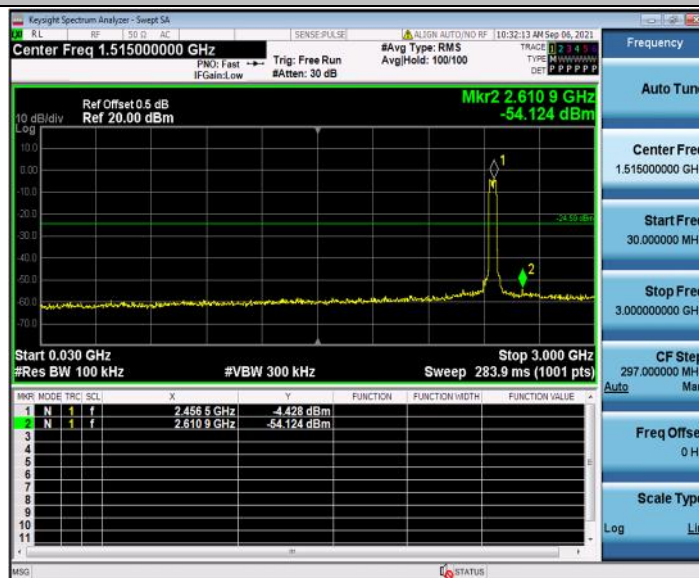
11N40SISO_Ant1_2437_30-3000

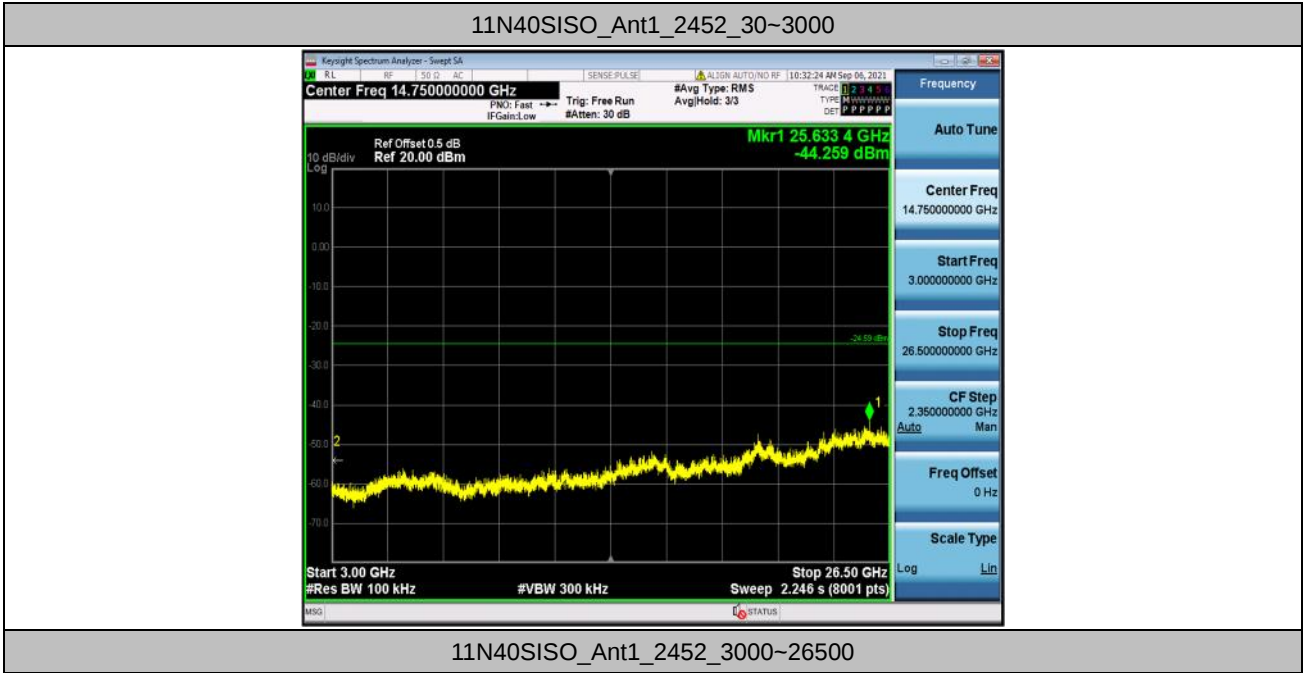


11N40SISO_Ant1_2437_3000~26500



11N40SISO_Ant1_2452_0~Reference





Appendix G: Duty Cycle

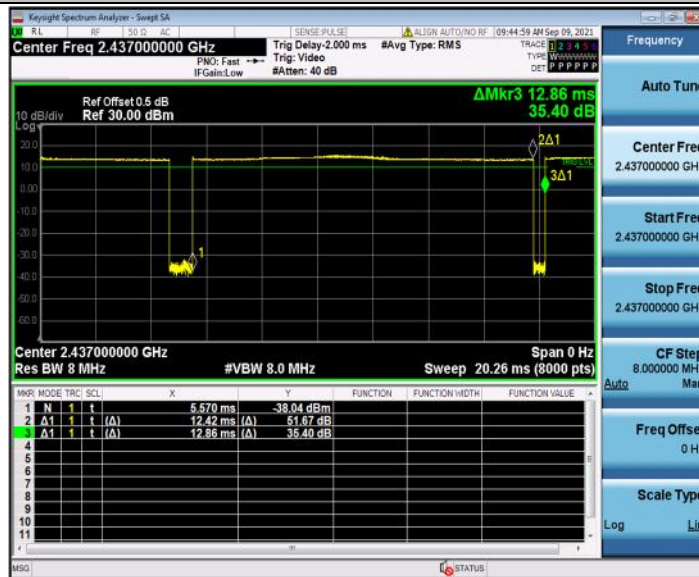
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.43	12.54	99.12	---	PASS
		2437	12.42	12.86	96.58	---	PASS
		2462	12.42	12.59	98.65	---	PASS
11G	Ant1	2412	2.06	2.46	83.74	---	PASS
		2437	2.07	2.22	93.24	---	PASS
		2462	2.06	2.20	93.64	---	PASS
11N20SISO	Ant1	2412	1.92	2.01	95.52	---	PASS
		2437	1.92	2.06	93.20	---	PASS
		2462	1.92	2.09	91.87	---	PASS
11N40SISO	Ant1	2422	0.94	1.07	87.85	---	PASS
		2437	0.95	1.10	86.36	---	PASS
		2452	0.94	1.12	83.93	---	PASS

Test Graphs



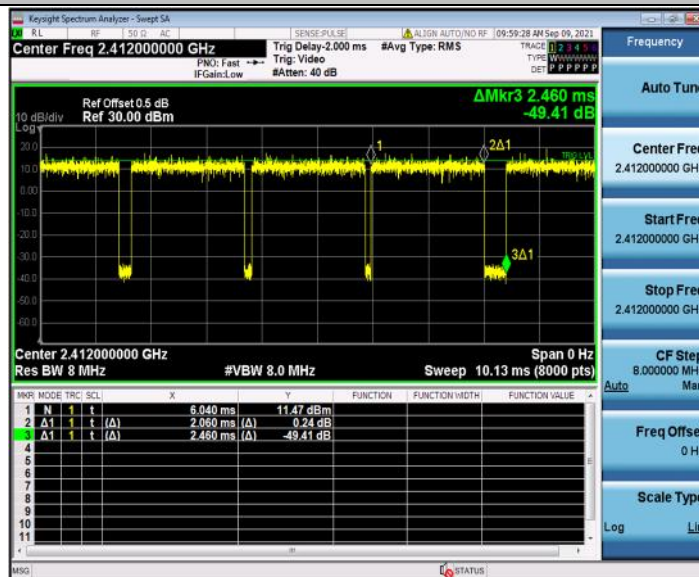
11B_Ant1_2412



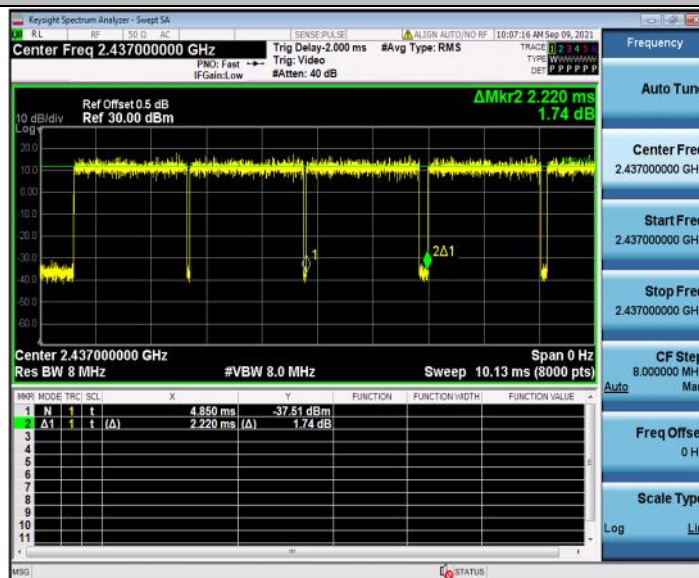
11B_Ant1_2437



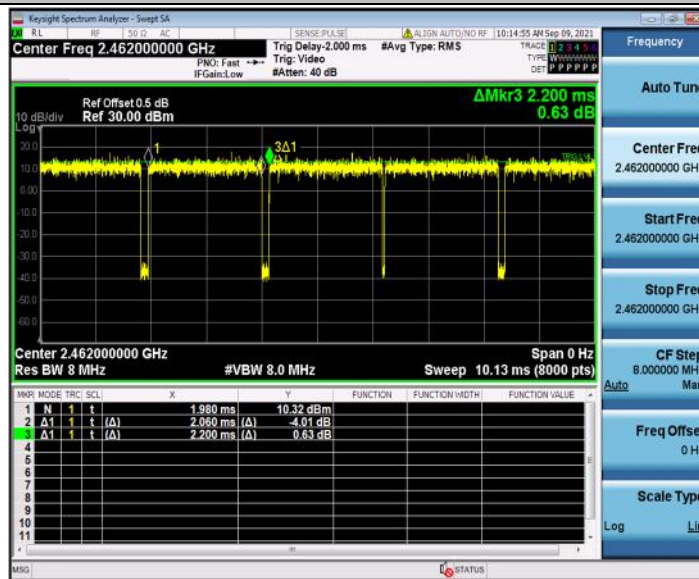
11B_Ant1_2462



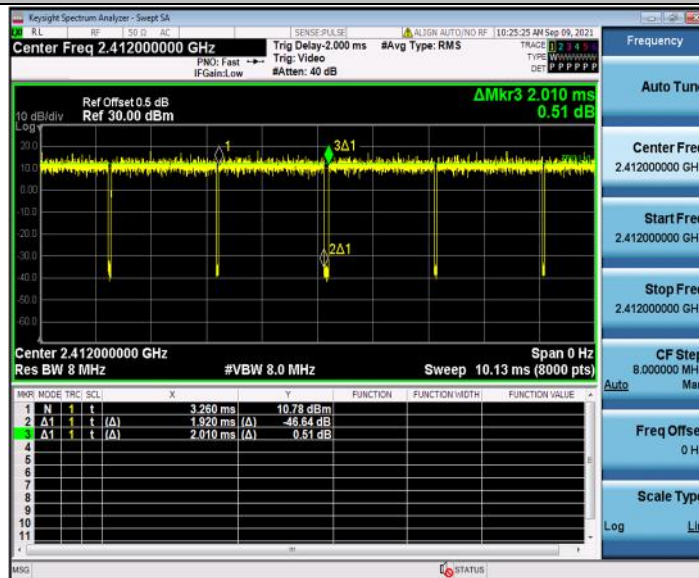
11G_Ant1_2412



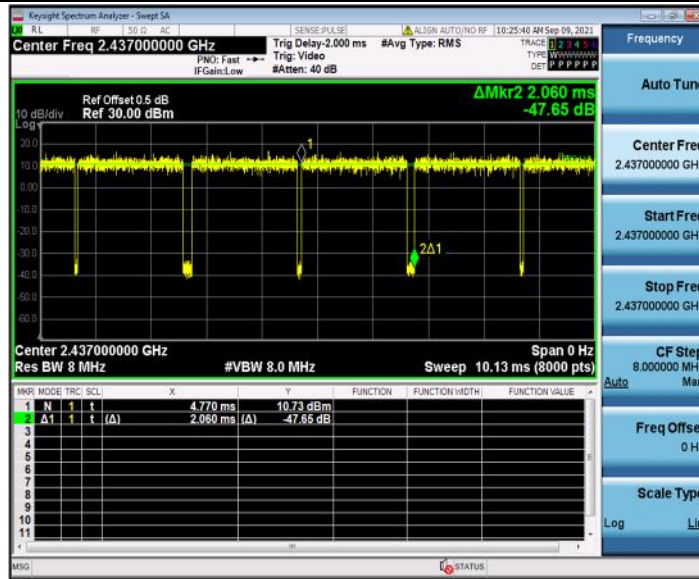
11G_Ant1_2437



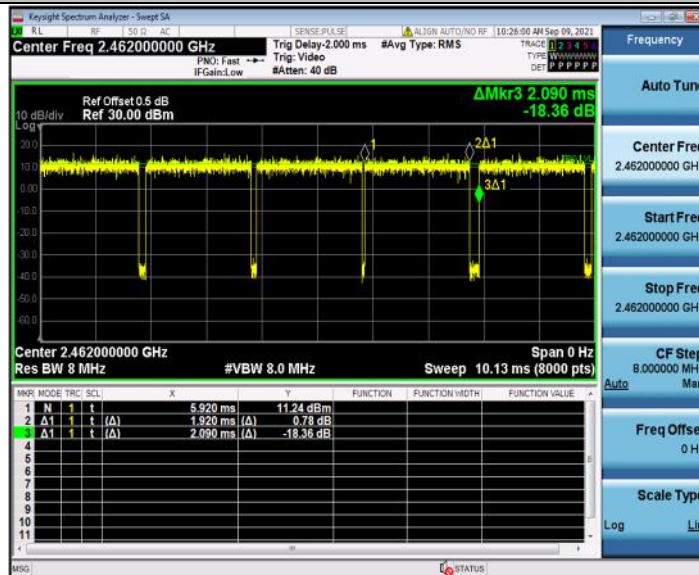
11G_Ant1_2462



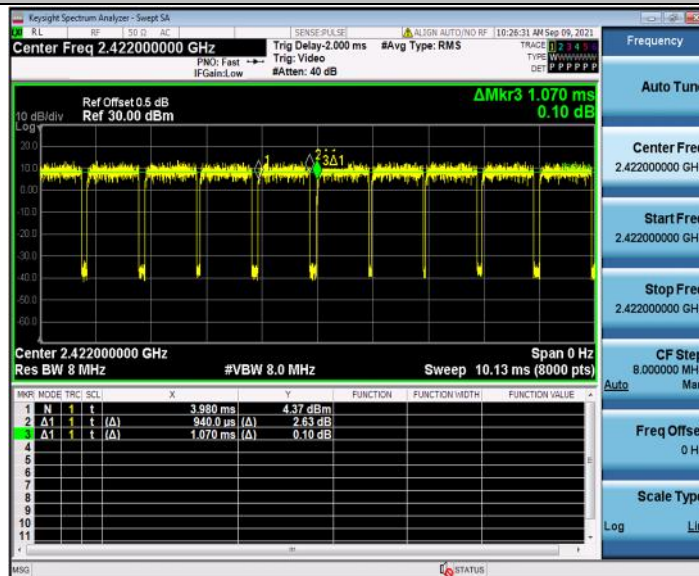
11N20SISO_Ant1_2412



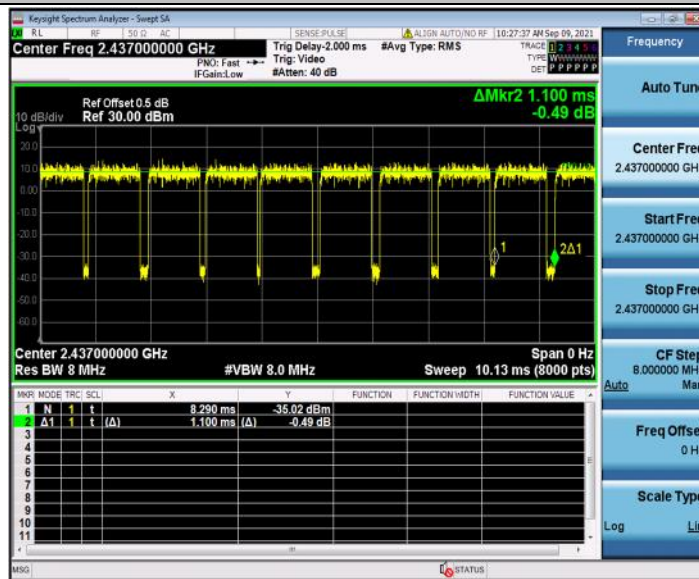
11N20SISO_Ant1_2437



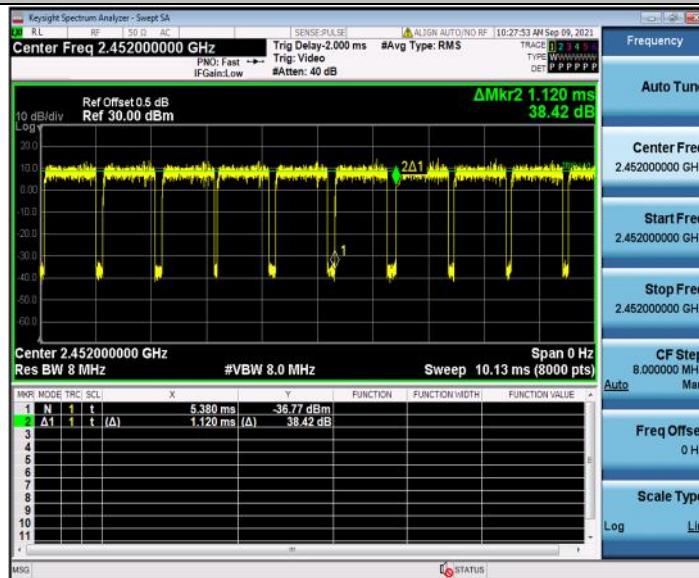
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

***** End of Report *****