

Test Graphs

11B_Ant1_2412



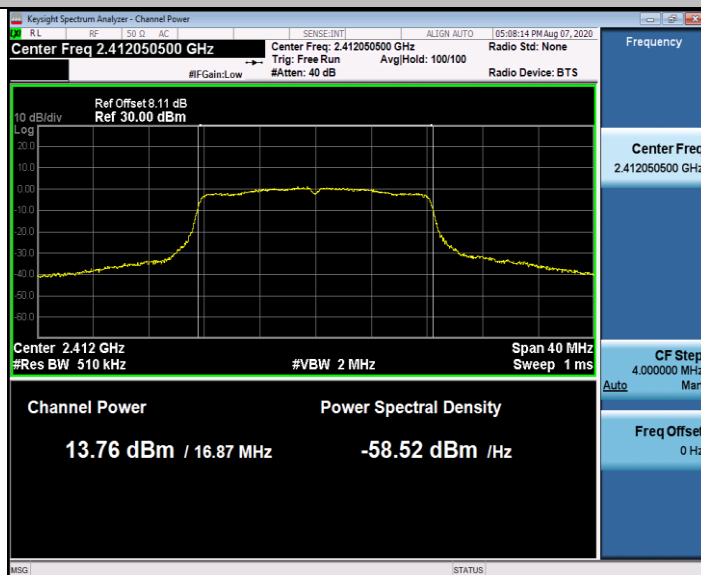
11B_Ant1_2437



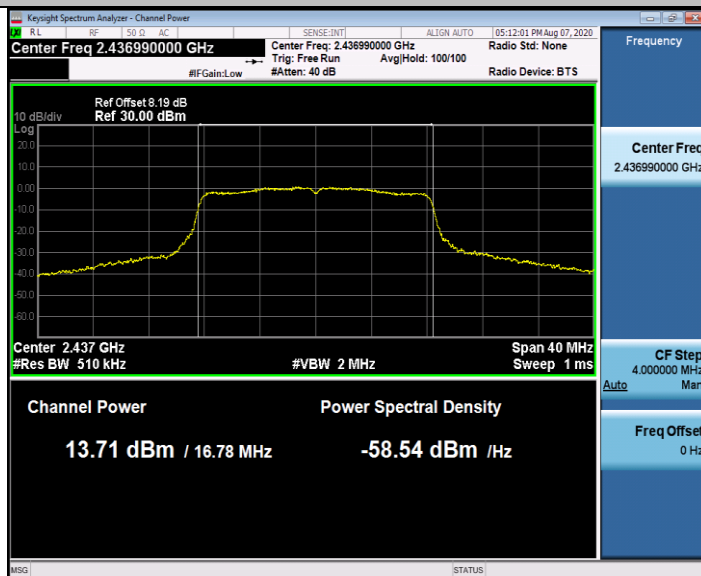
11B_Ant1_2462



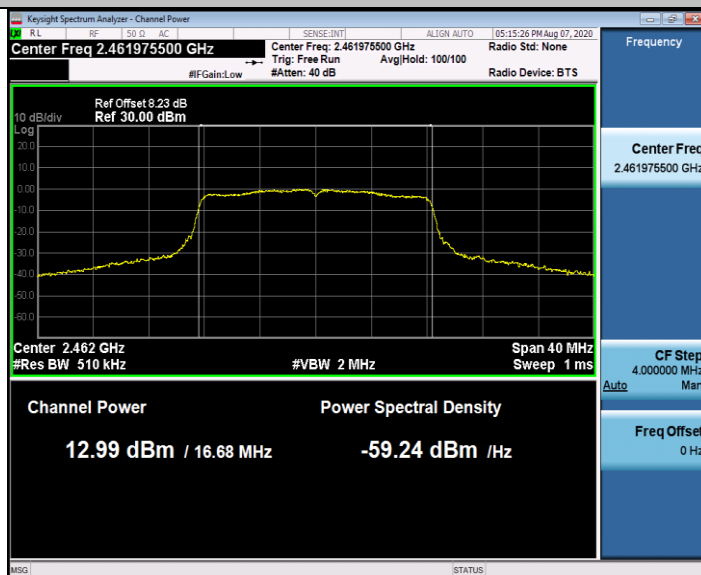
11G_Ant1_2412



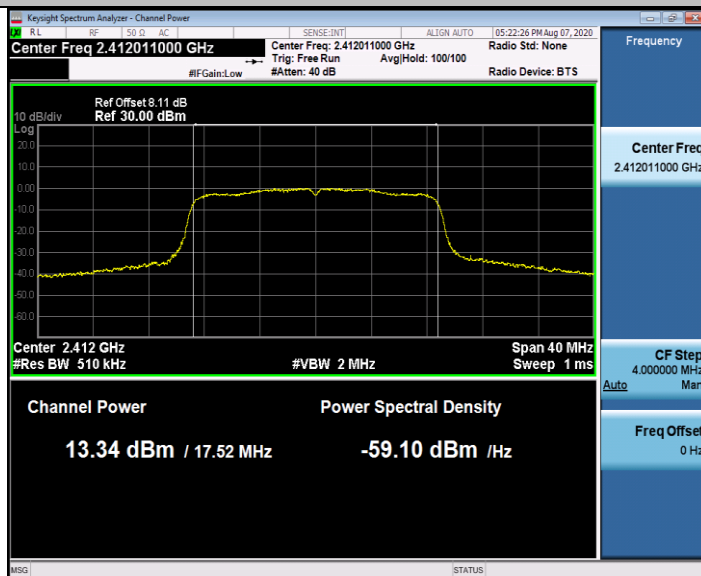
11G_Ant1_2437



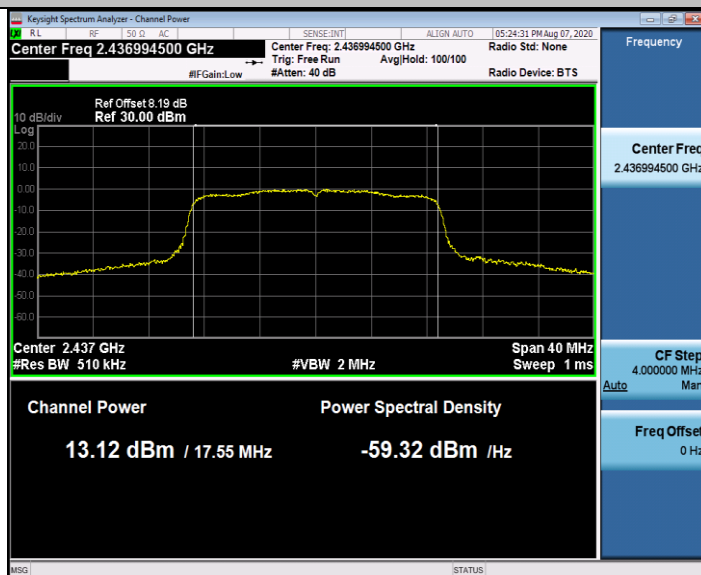
11G_Ant1_2462

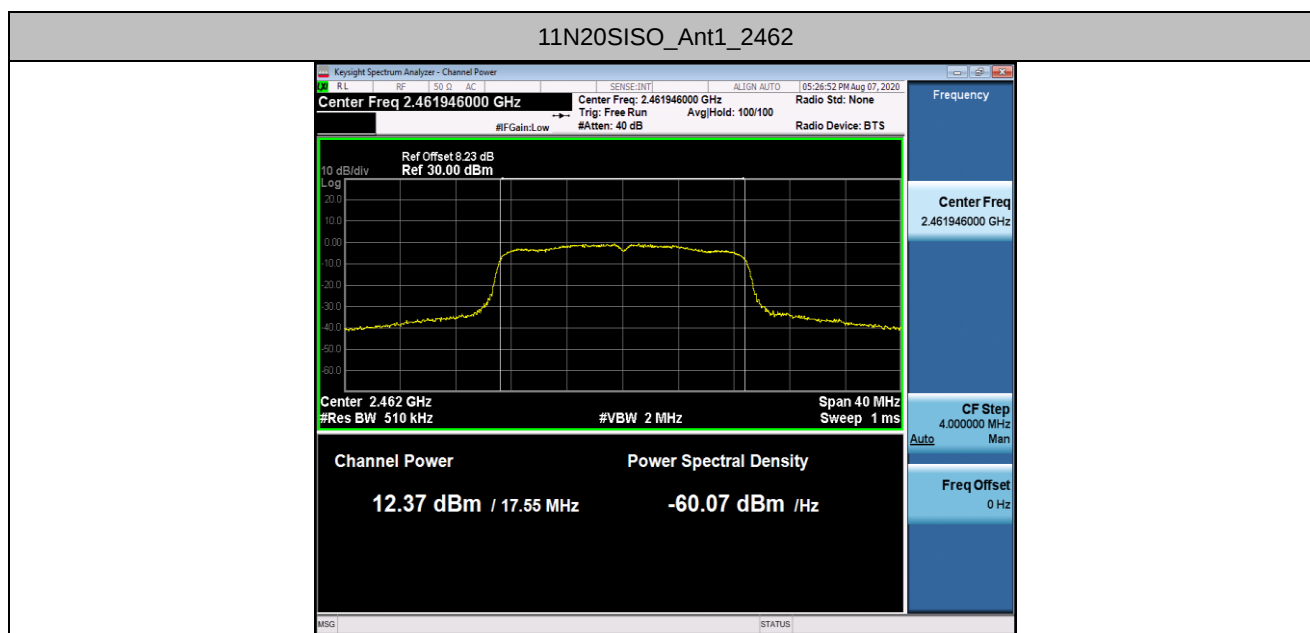


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437





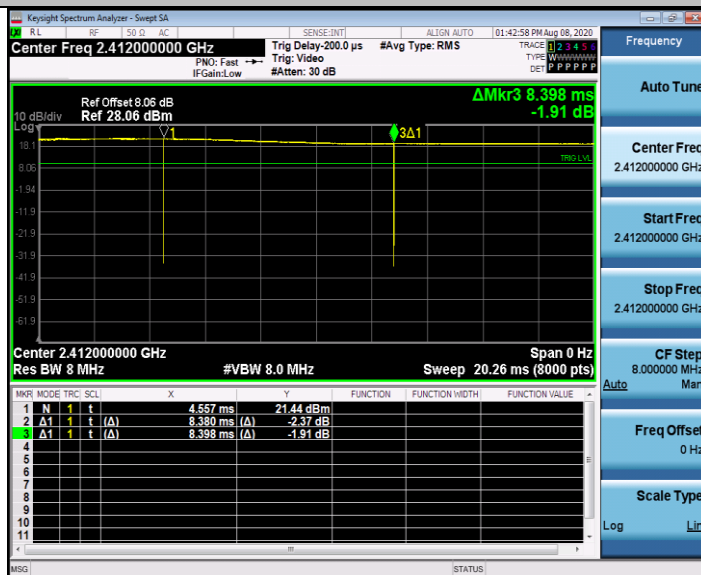
Appendix D: Duty Cycle

Test Result

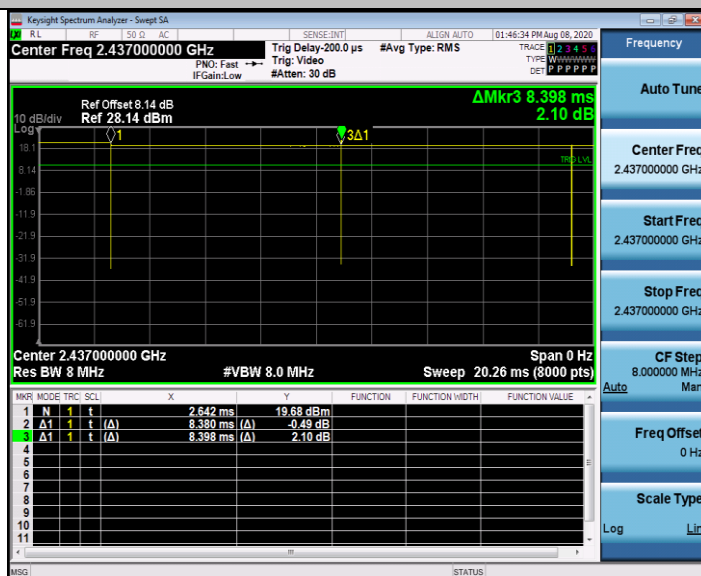
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.40	99.79
		2437	8.38	8.40	99.79
		2462	8.38	8.40	99.79
11G	Ant1	2412	1.39	1.41	98.83
		2437	1.39	1.41	98.83
		2462	1.39	1.41	98.83
11N20SISO	Ant1	2412	1.30	1.31	98.84
		2437	1.30	1.31	98.84
		2462	1.30	1.31	98.75

Test Graphs

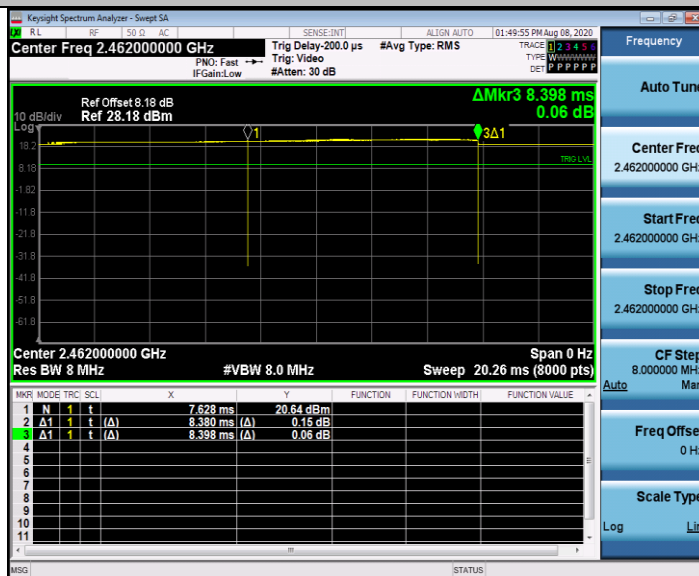
11B_Ant1_2412



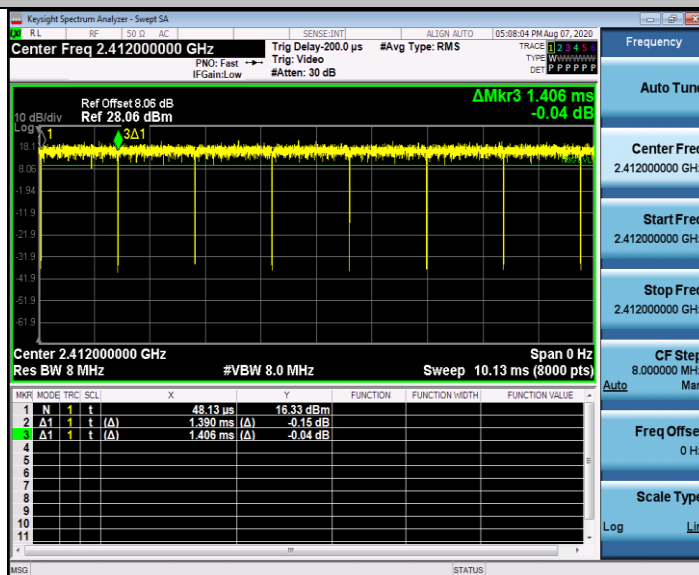
11B_Ant1_2437



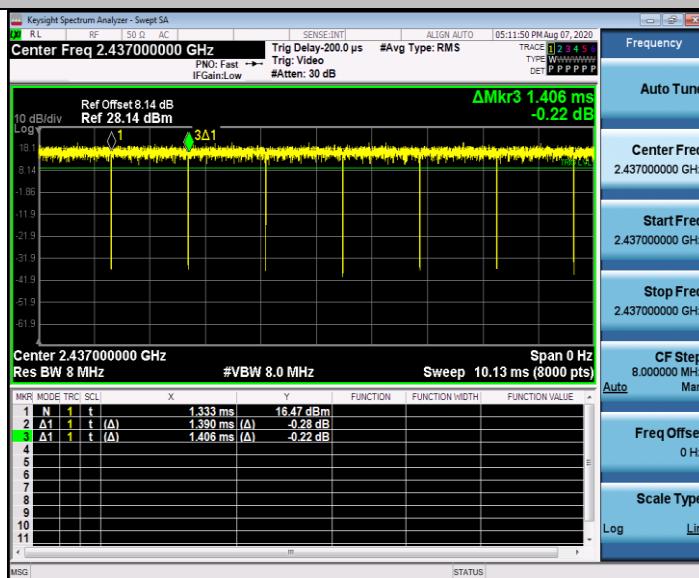
11B_Ant1_2462



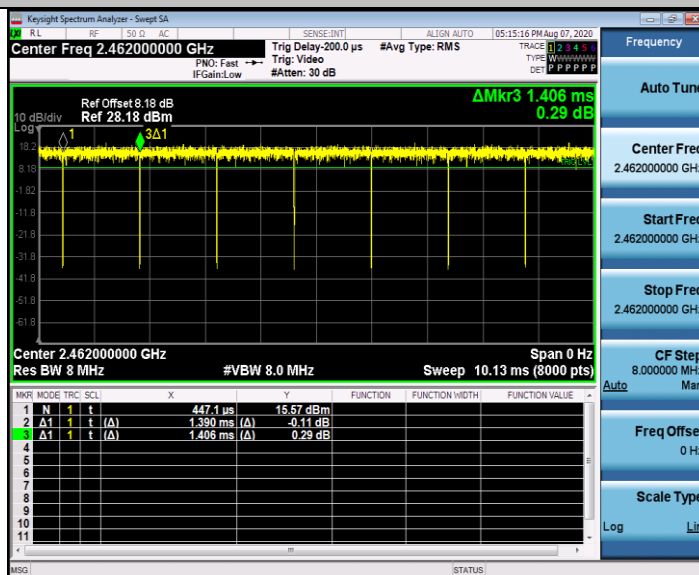
11G_Ant1_2412



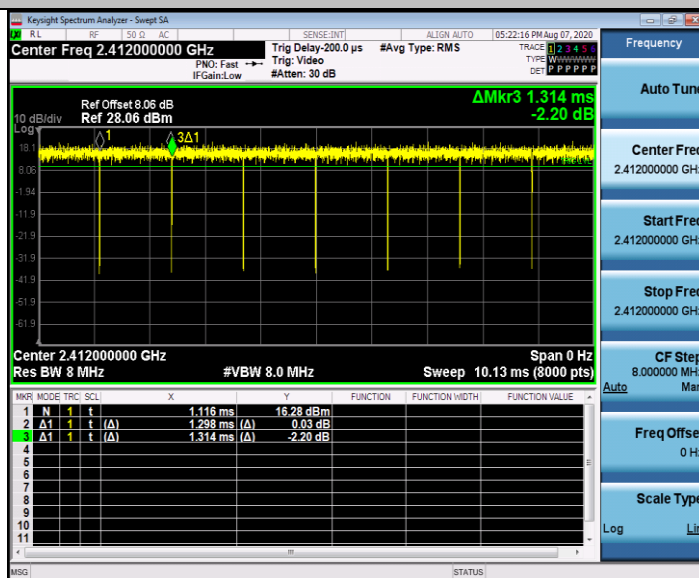
11G_Ant1_2437



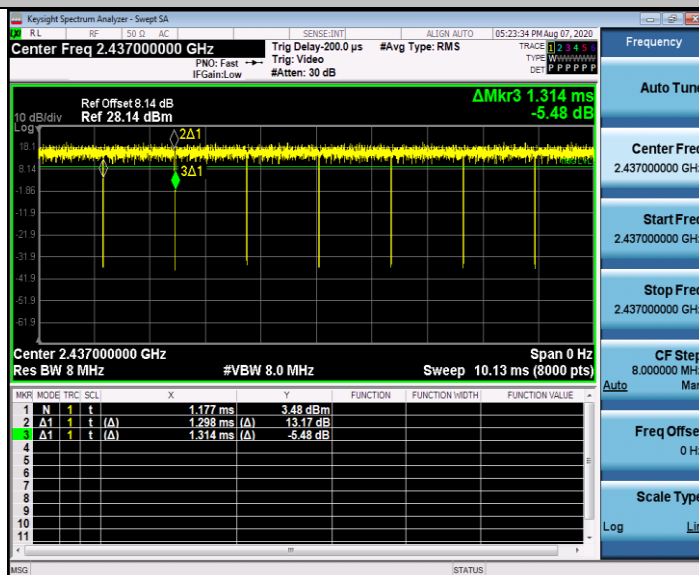
11G_Ant1_2462



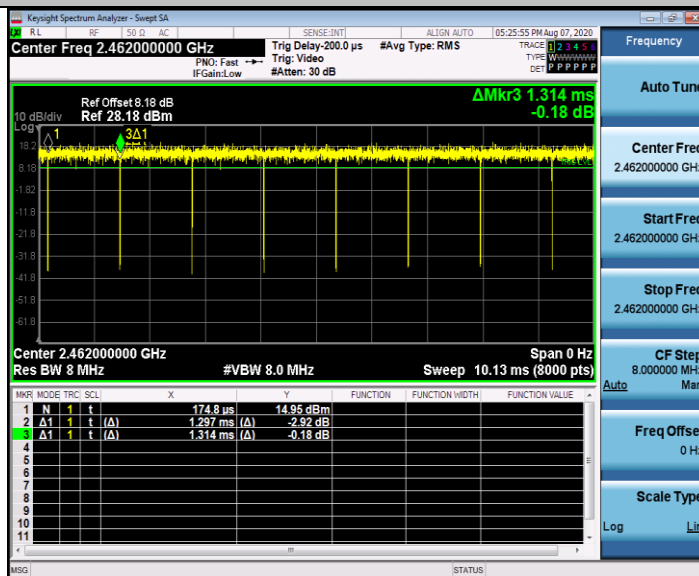
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



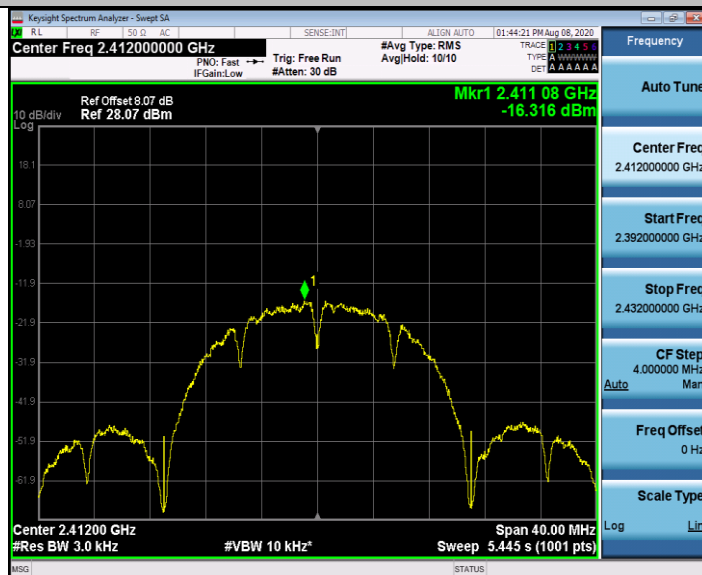
Appendix E: Maximum power spectral density

Test Result

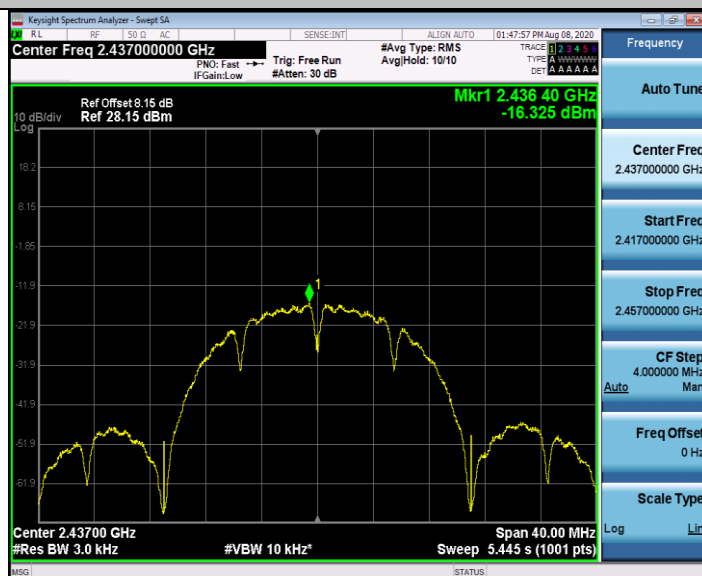
TestMode	Antenna	Channel	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-16.32	<=8	PASS
		2437	-16.33	<=8	PASS
		2462	-16.59	<=8	PASS
11G	Ant1	2412	-19.81	<=8	PASS
		2437	-19.11	<=8	PASS
		2462	-19.67	<=8	PASS
11N20SISO	Ant1	2412	-20.39	<=8	PASS
		2437	-20.7	<=8	PASS
		2462	-21.78	<=8	PASS

Test Graphs

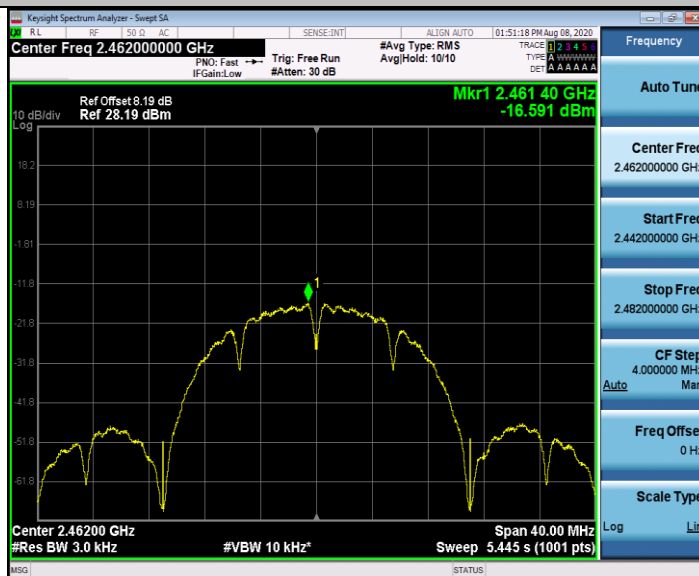
11B_Ant1_2412



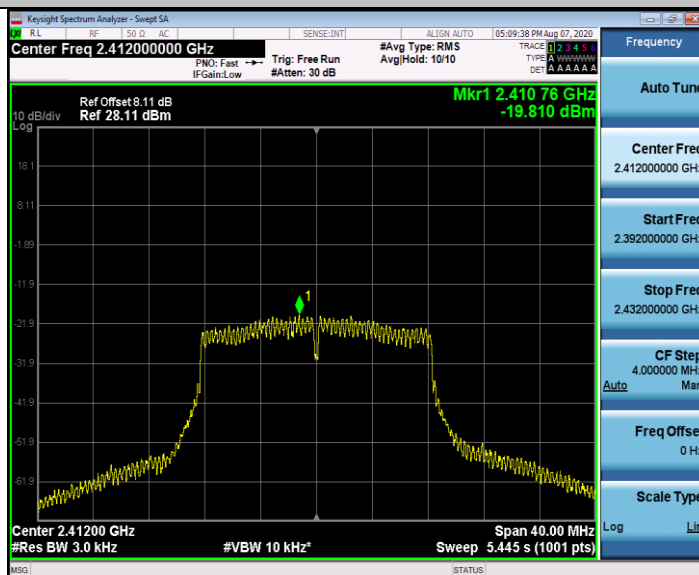
11B_Ant1_2437



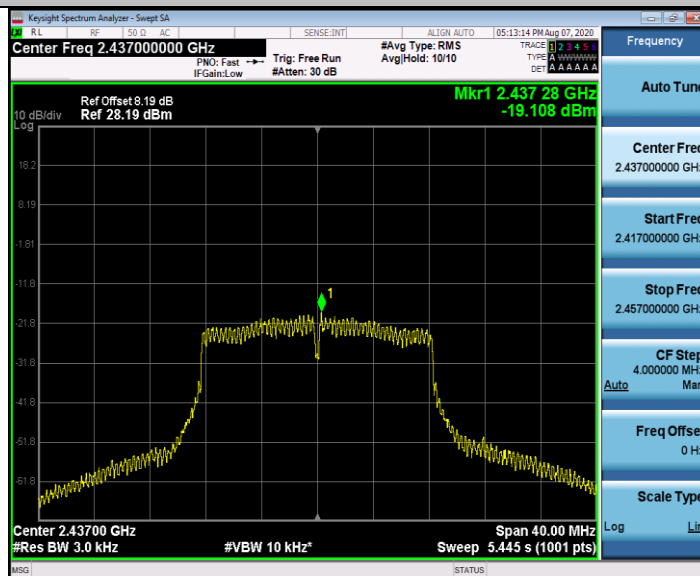
11B_Ant1_2462



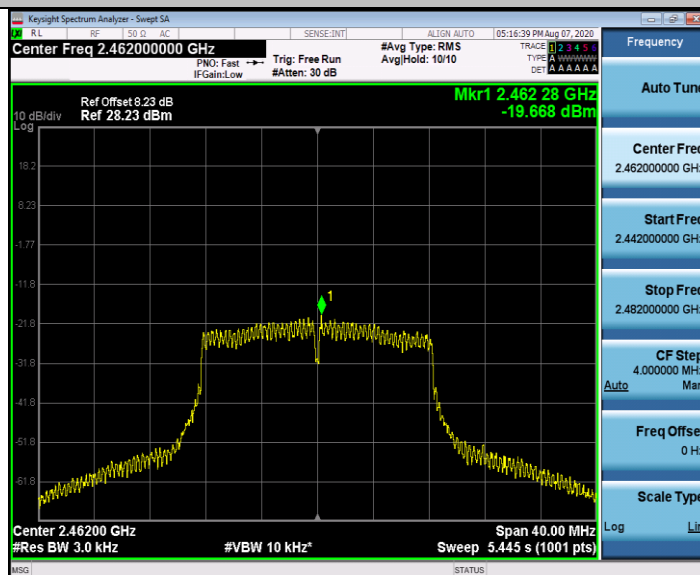
11G_Ant1_2412



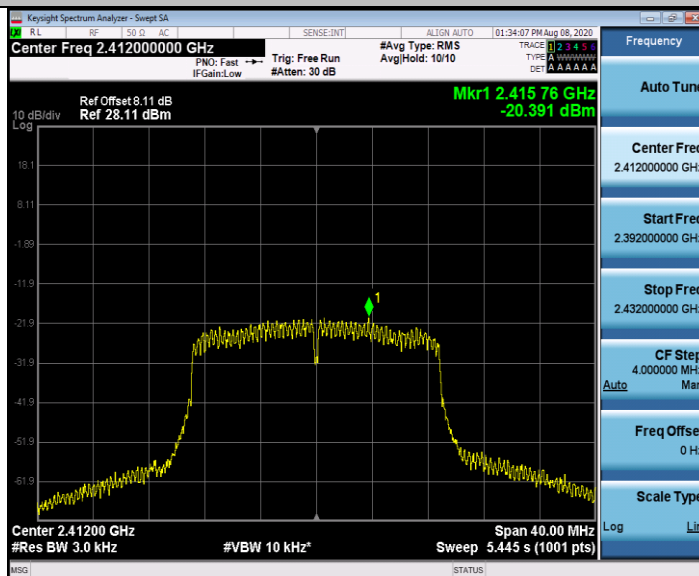
11G_Ant1_2437



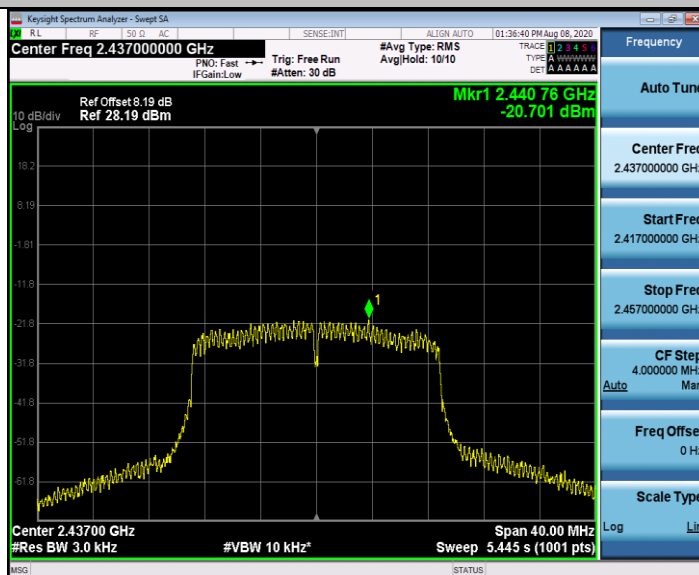
11G_Ant1_2462



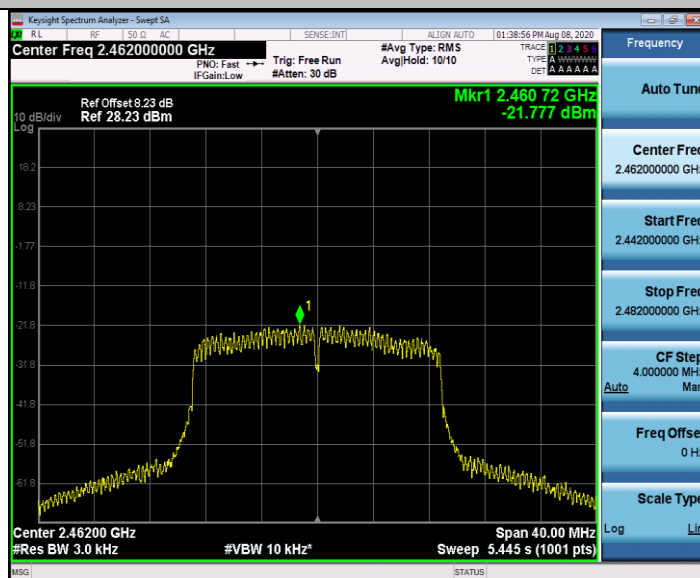
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix F: Band edge measurements

Test Result

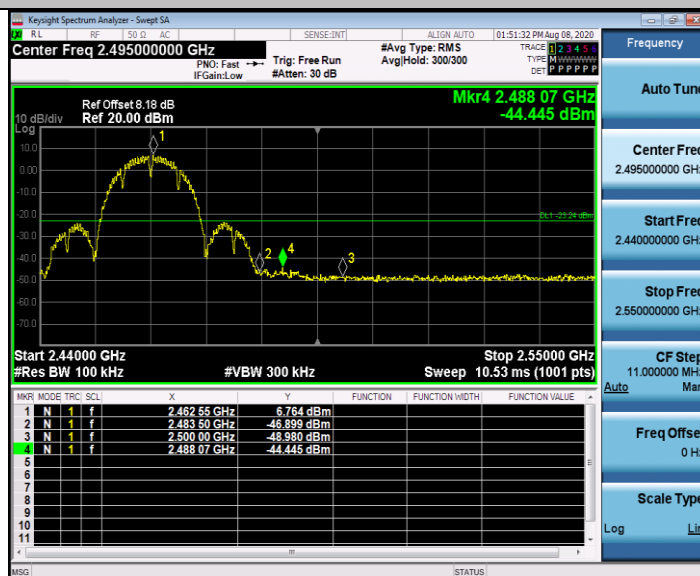
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.66	-24.53	≤ -23.34	PASS
		High	2462	6.76	-44.45	≤ -23.24	PASS
11G	Ant1	Low	2412	3.68	-31.54	≤ -26.32	PASS
		High	2462	2.93	-42.44	≤ -27.07	PASS
11N20SISO	Ant1	Low	2412	3.02	-32.67	≤ -26.98	PASS
		High	2462	1.84	-44.03	≤ -28.16	PASS

Test Graphs

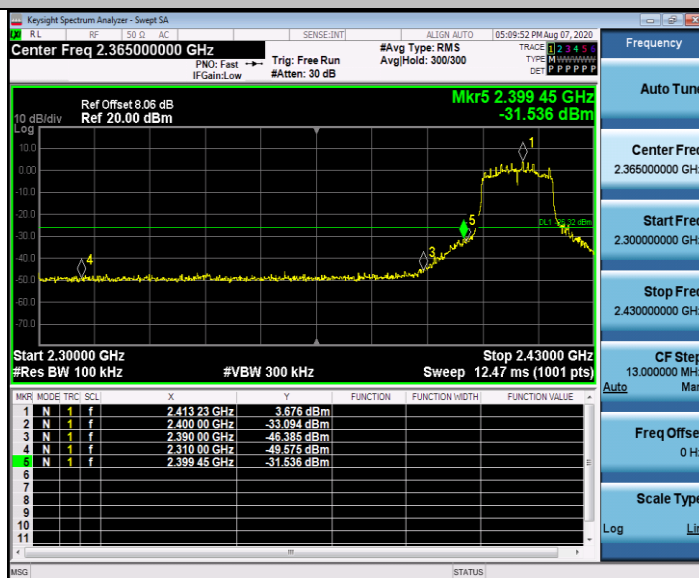
11B_Ant1_Low_2412



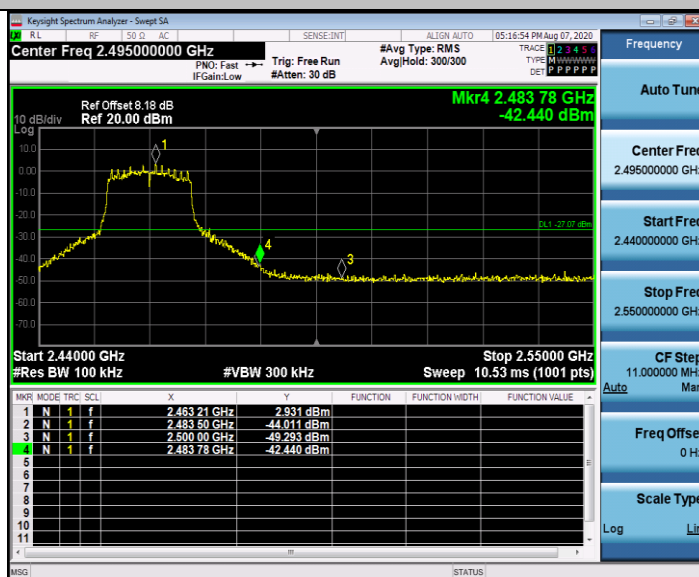
11B_Ant1_High_2462



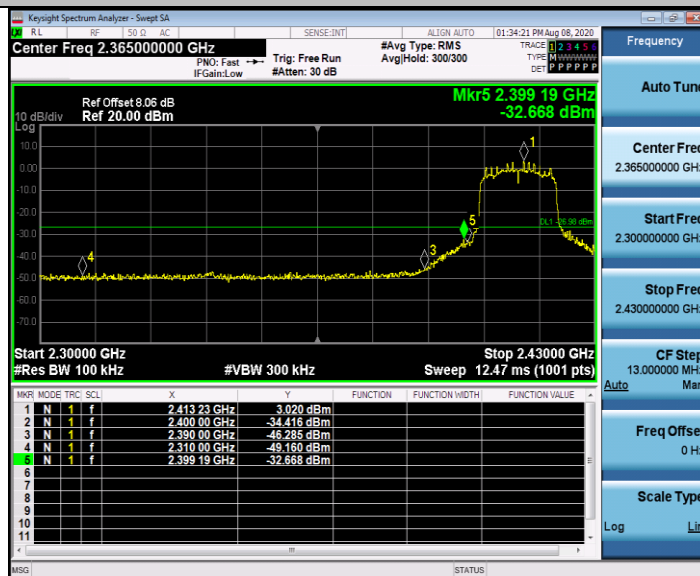
11G_Ant1_Low_2412



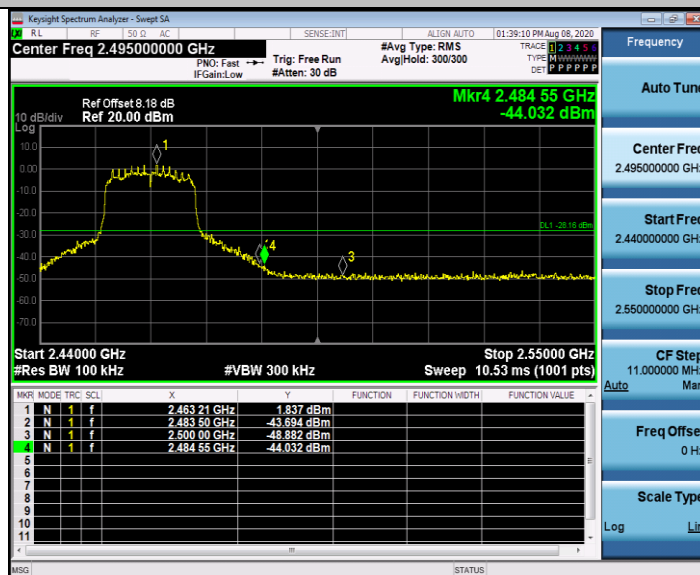
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix G: Conducted Spurious Emission

Test Result

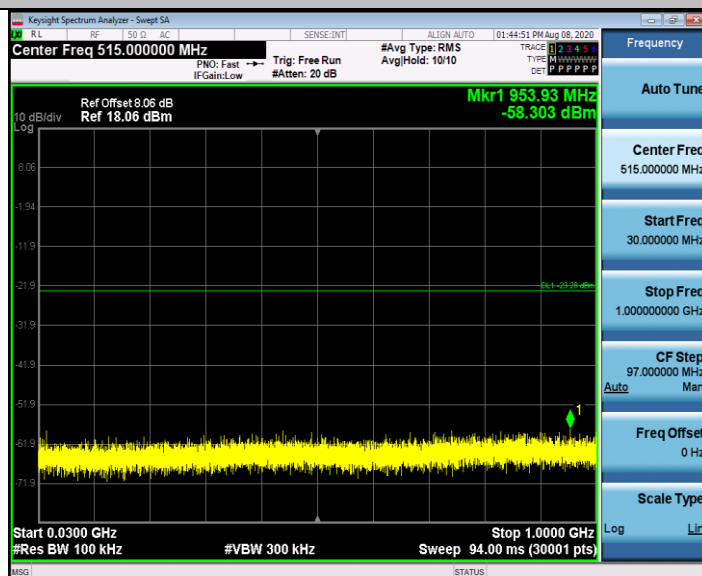
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.72	6.72	---	PASS
			30~1000	30~1000	-58.303	<=-23.278	PASS
			1000~26500	1000~26500	-38.964	<=-23.278	PASS
		2437	Reference	7.16	7.16	---	PASS
			30~1000	30~1000	-57.86	<=-22.844	PASS
			1000~26500	1000~26500	-37.795	<=-22.844	PASS
		2462	Reference	6.59	6.59	---	PASS
			30~1000	30~1000	-57.621	<=-23.409	PASS
			1000~26500	1000~26500	-38.181	<=-23.409	PASS
11G	Ant1	2412	Reference	3.22	3.22	---	PASS
			30~1000	30~1000	-58.099	<=-26.779	PASS
			1000~26500	1000~26500	-36.907	<=-26.779	PASS
		2437	Reference	3.11	3.11	---	PASS
			30~1000	30~1000	-57.772	<=-26.888	PASS
			1000~26500	1000~26500	-37.847	<=-26.888	PASS
		2462	Reference	2.38	2.38	---	PASS
			30~1000	30~1000	-57.894	<=-27.621	PASS
			1000~26500	1000~26500	-37.413	<=-27.621	PASS
11N20SISO	Ant1	2412	Reference	2.57	2.57	---	PASS
			30~1000	30~1000	-57.636	<=-27.431	PASS
			1000~26500	1000~26500	-38.434	<=-27.431	PASS
		2437	Reference	2.41	2.41	---	PASS
			30~1000	30~1000	-56.648	<=-27.591	PASS
			1000~26500	1000~26500	-38.705	<=-27.591	PASS
		2462	Reference	1.42	1.42	---	PASS
			30~1000	30~1000	-55.522	<=-28.578	PASS
			1000~26500	1000~26500	-37.035	<=-28.578	PASS

Test Graphs

11B_Ant1_2412_0-Reference



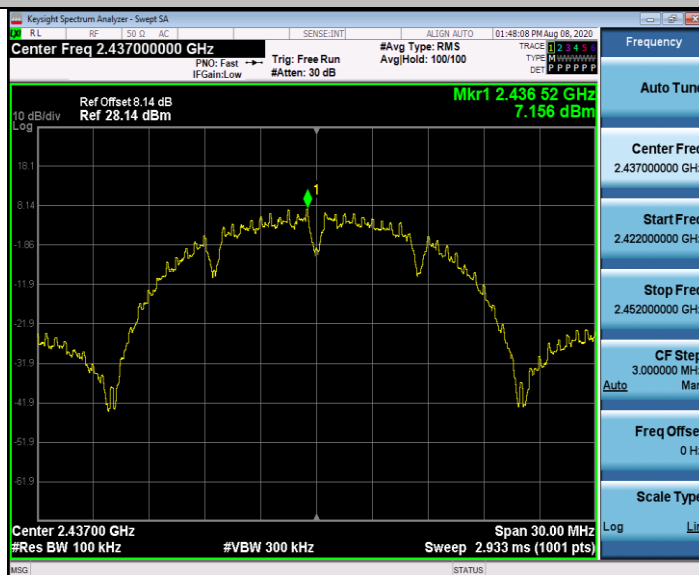
11B_Ant1_2412_30-1000



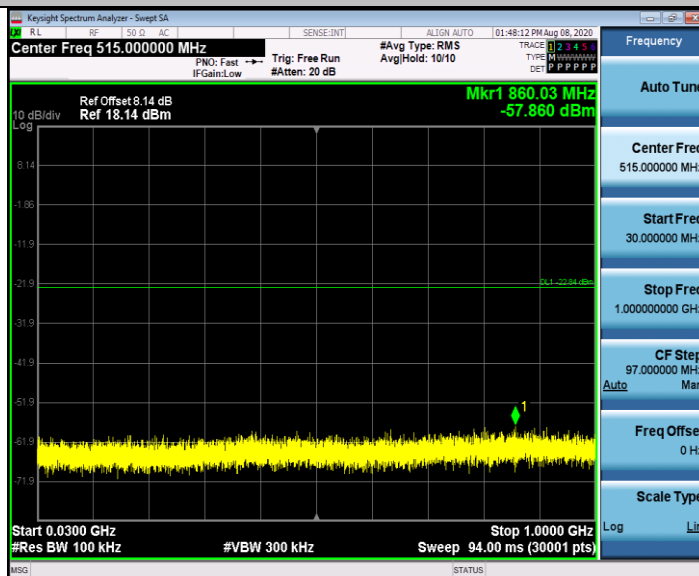
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



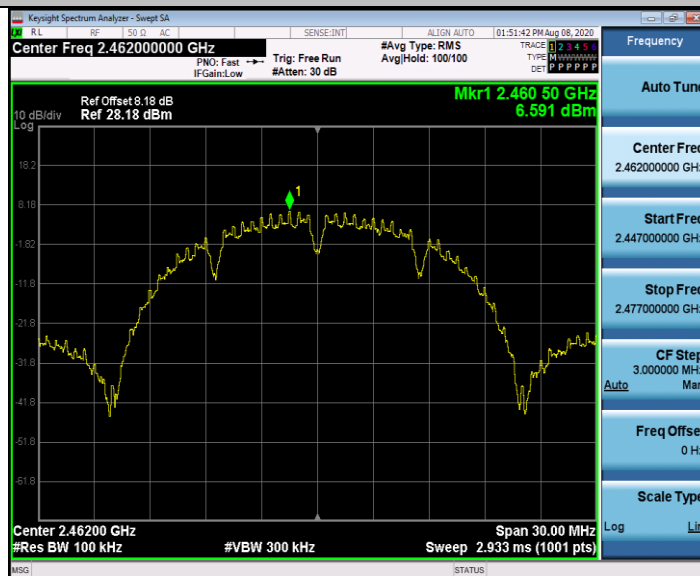
11B_Ant1_2437_30~1000



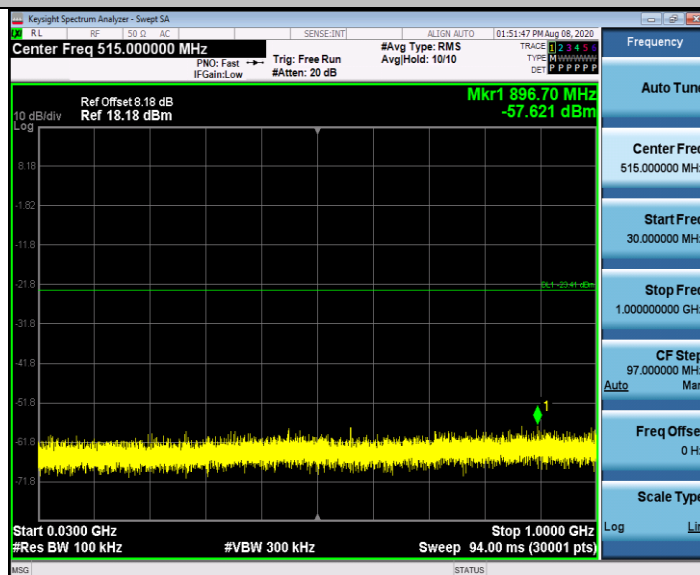
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



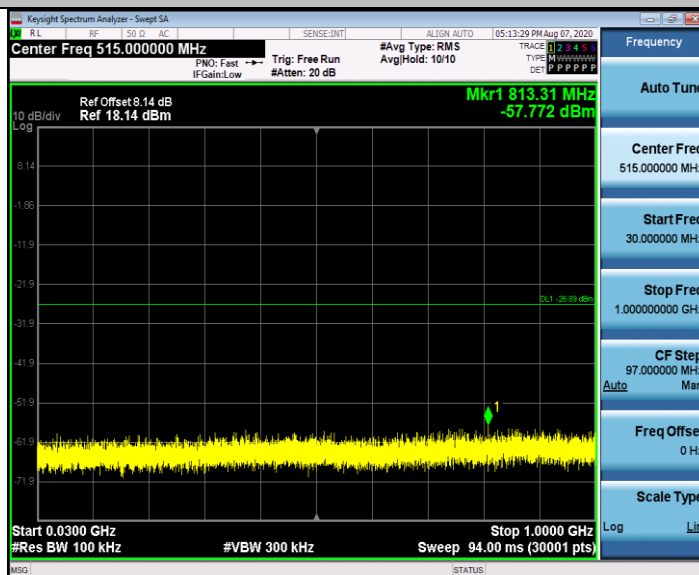
11G_Ant1_2412_1000~26500



11G Ant1 2437 0~Reference



11G_Ant1_2437_30~1000



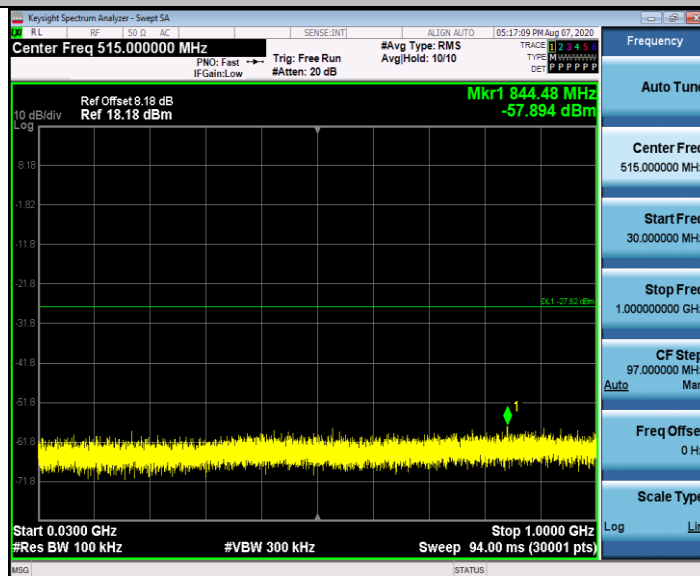
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000

