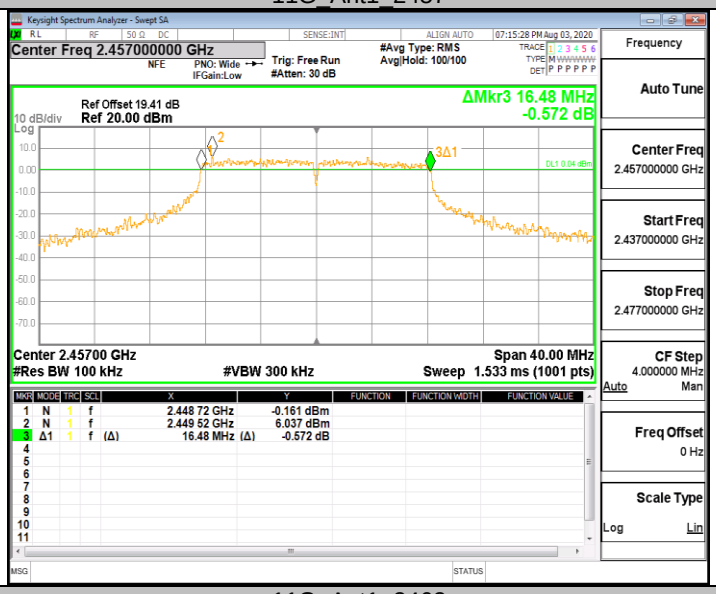
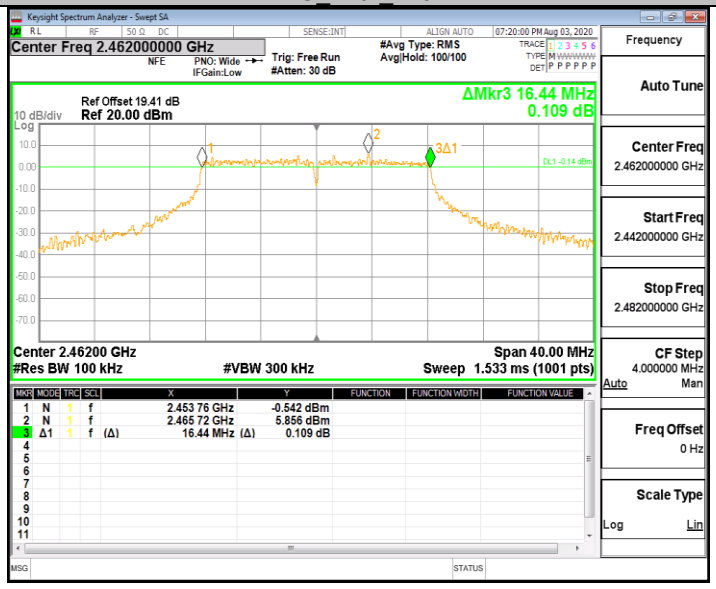
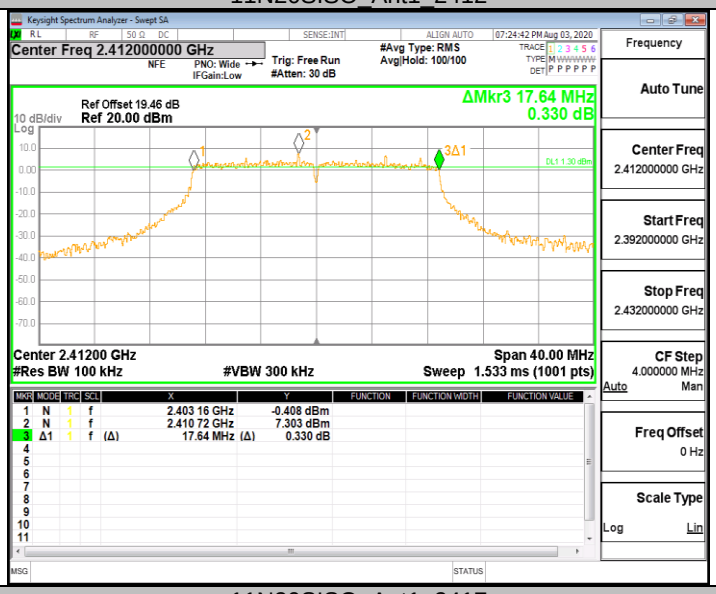
11G_Ant1_2457



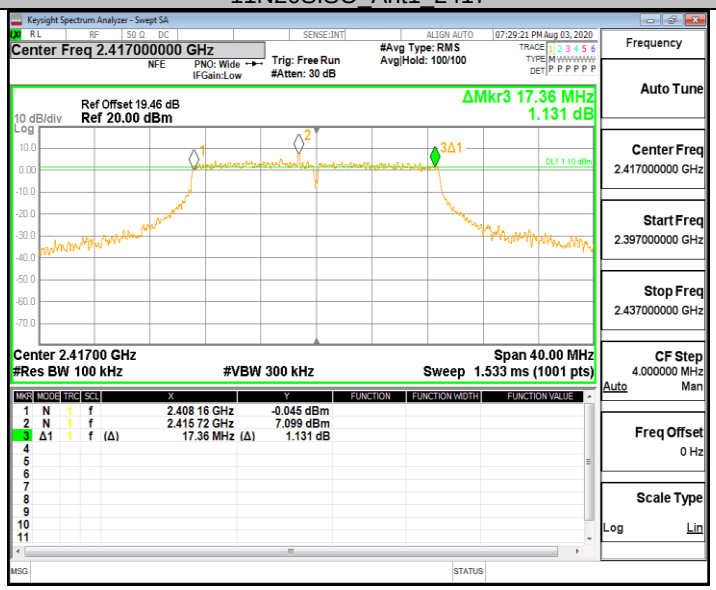
11G_Ant1_2462



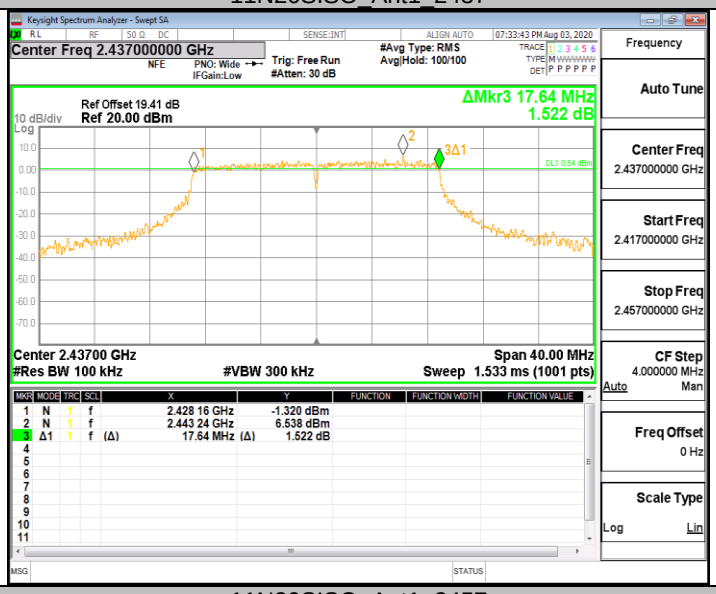
11N20SISO_Ant1_2412



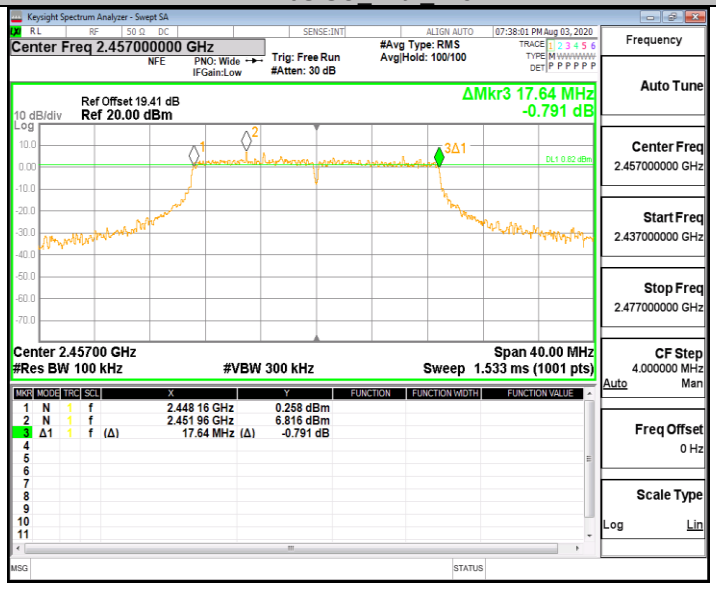
11N20SISO_Ant1_2417

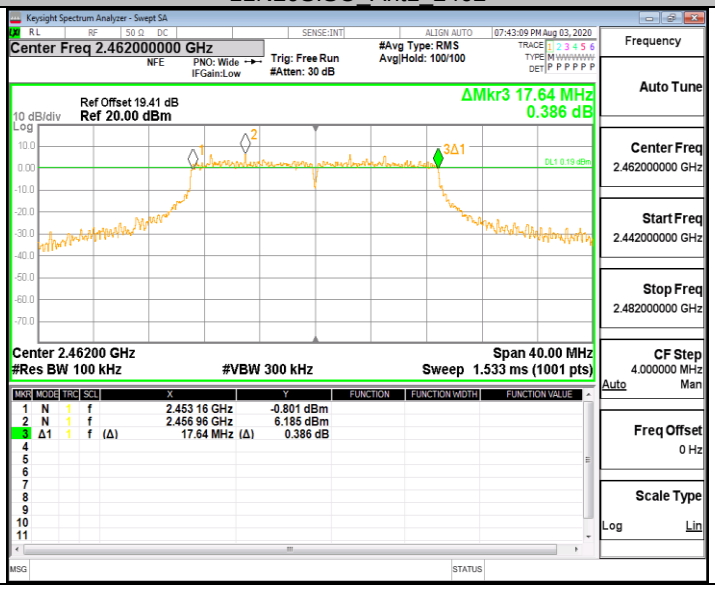


11N20SISO_Ant1_2437



11N20SISO_Ant1_2457



11N20SISO_Ant1_2462


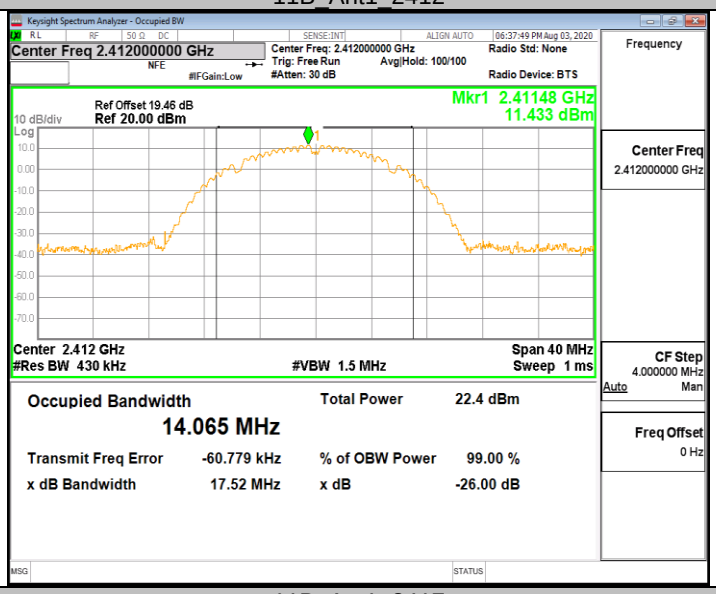
11.2. Appendix B: Occupied Channel Bandwidth

11.2.1. Test Result

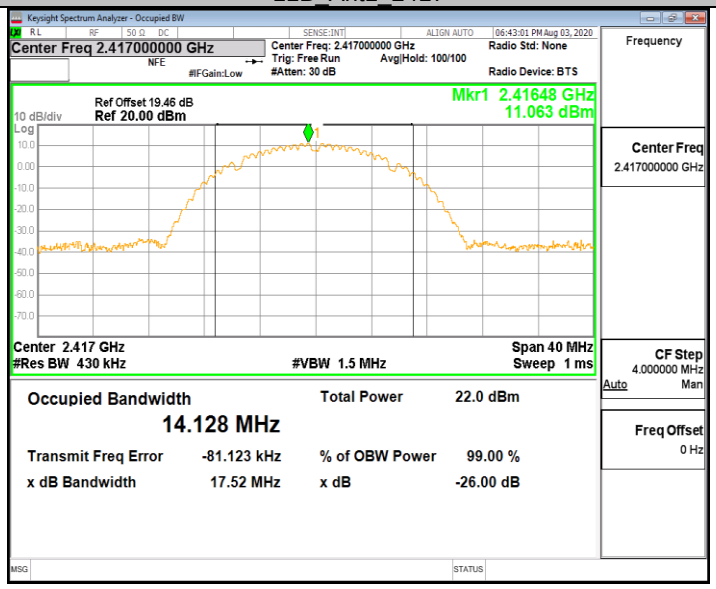
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.065	2404.907	2418.972	---	PASS
		2417	14.128	2409.855	2423.983	---	PASS
		2437	14.046	2430.050	2444.096	---	PASS
		2457	14.128	2449.850	2463.978	---	PASS
		2462	14.202	2454.866	2469.068	---	PASS
11G	Ant1	2412	17.254	2403.322	2420.576	---	PASS
		2417	17.448	2408.212	2425.660	---	PASS
		2437	17.337	2428.441	2445.778	---	PASS
		2457	17.456	2448.109	2465.565	---	PASS
		2462	17.476	2453.226	2470.702	---	PASS
11N20SISO	Ant1	2412	18.281	2402.804	2421.085	---	PASS
		2417	18.234	2407.821	2426.055	---	PASS
		2437	18.288	2427.910	2446.198	---	PASS
		2457	18.301	2447.765	2466.066	---	PASS
		2462	18.574	2452.618	2471.192	---	PASS

11.2.2. Test Graphs

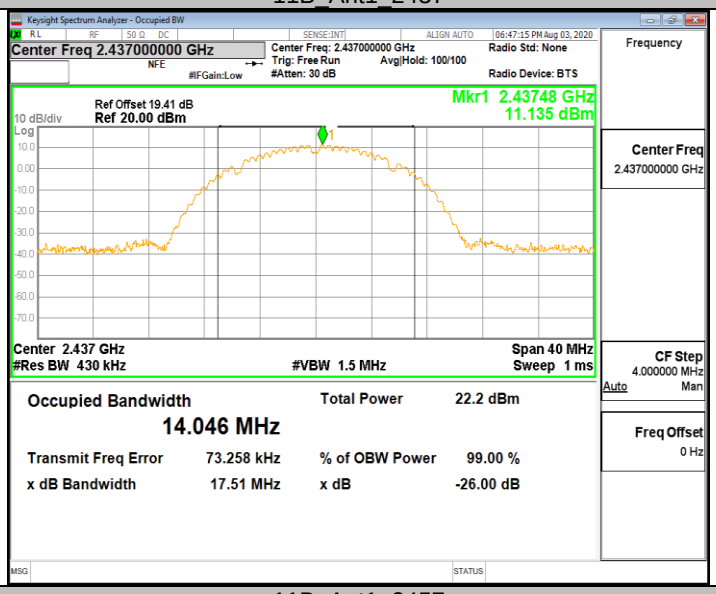
11B_Ant1_2412



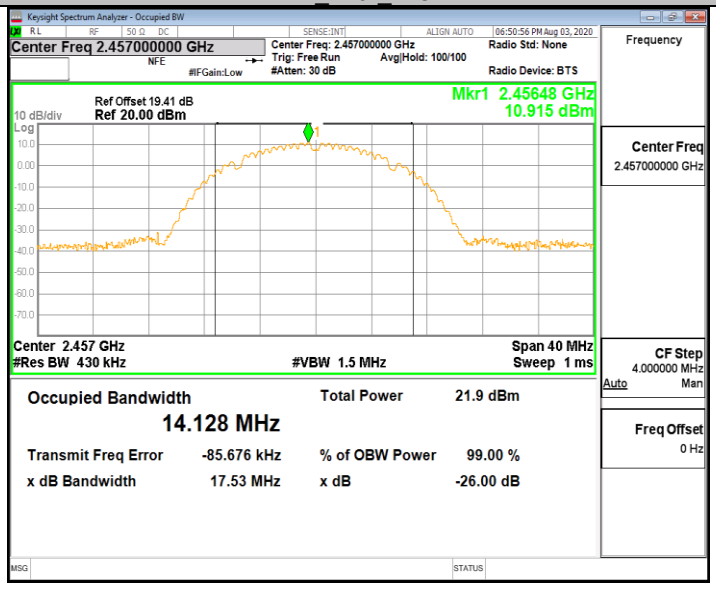
11B_Ant1_2417



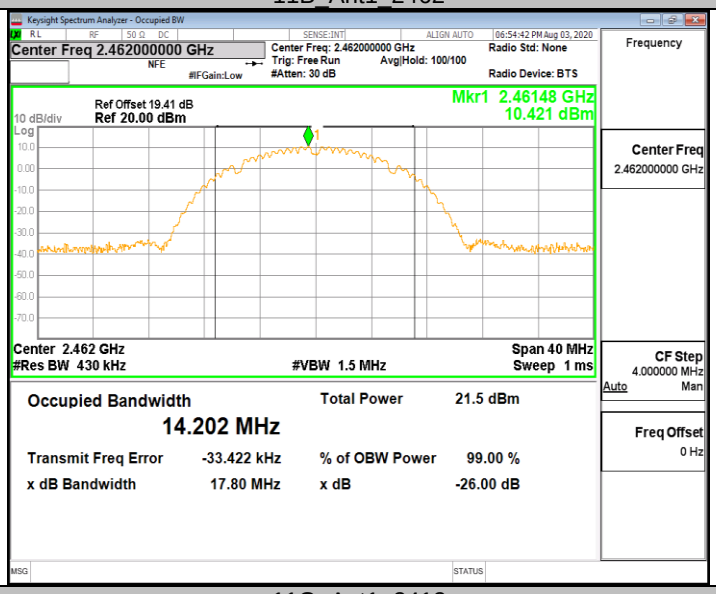
11B_Ant1_2437



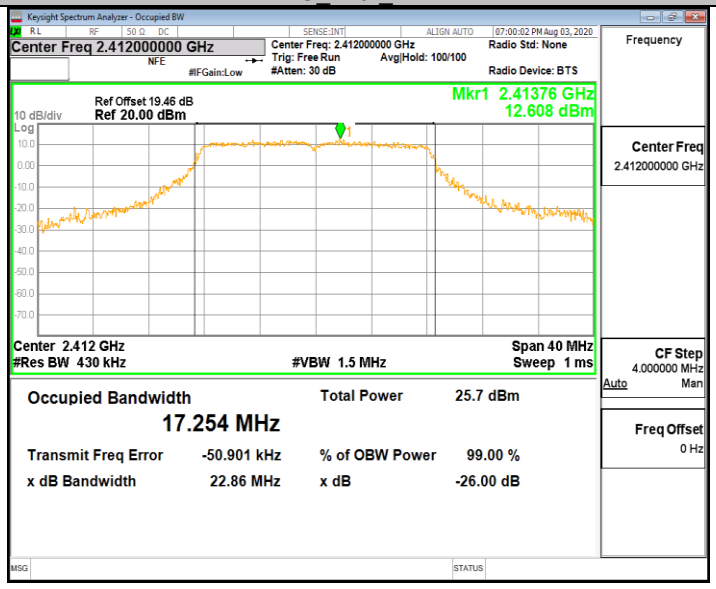
11B_Ant1_2457



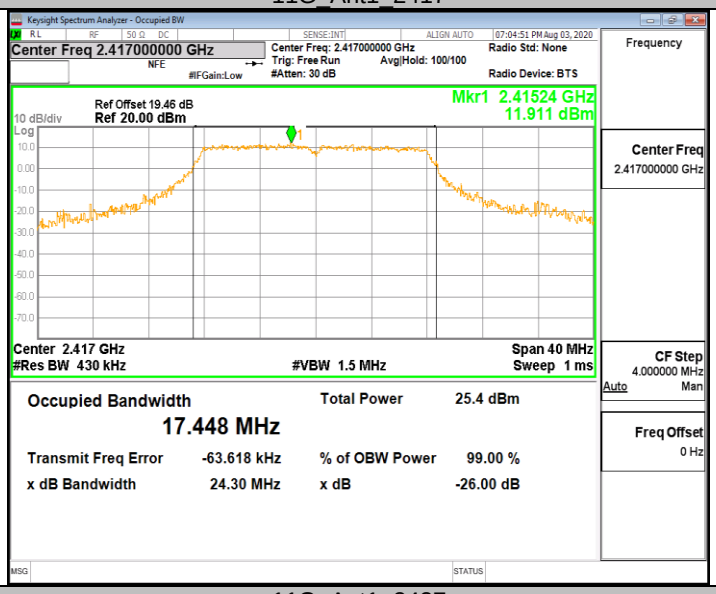
11B_Ant1_2462



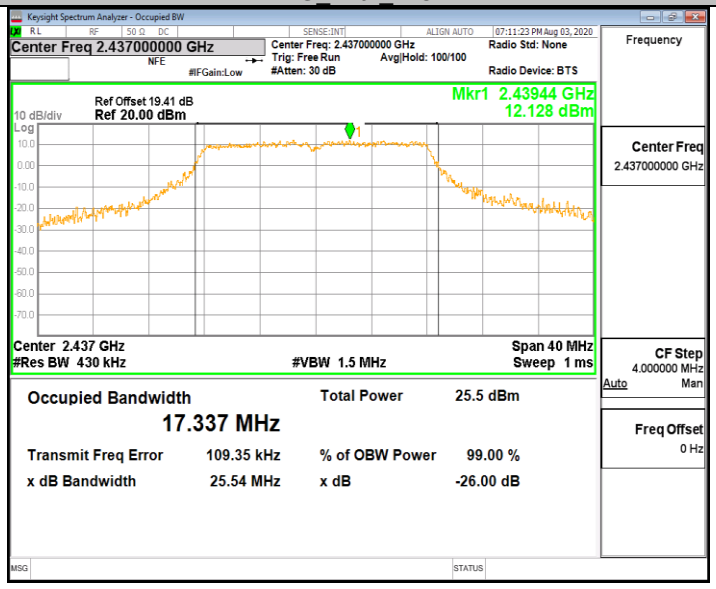
11G_Ant1_2412



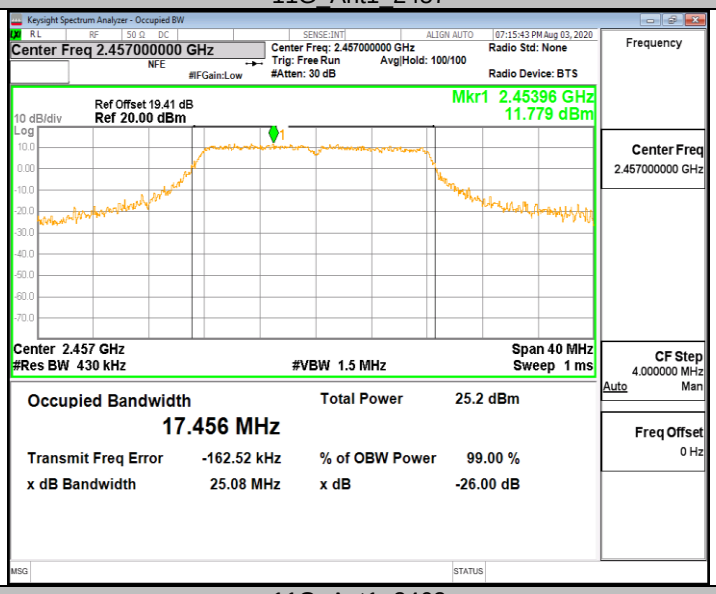
11G_Ant1_2417



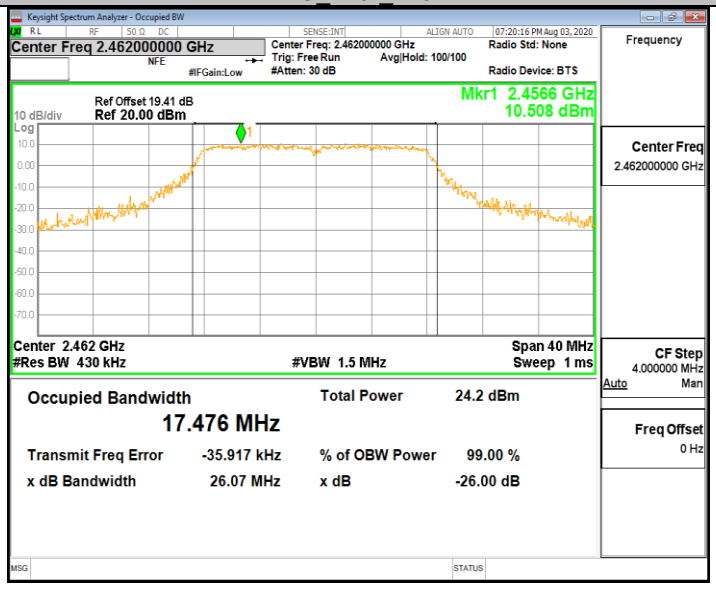
11G_Ant1_2437



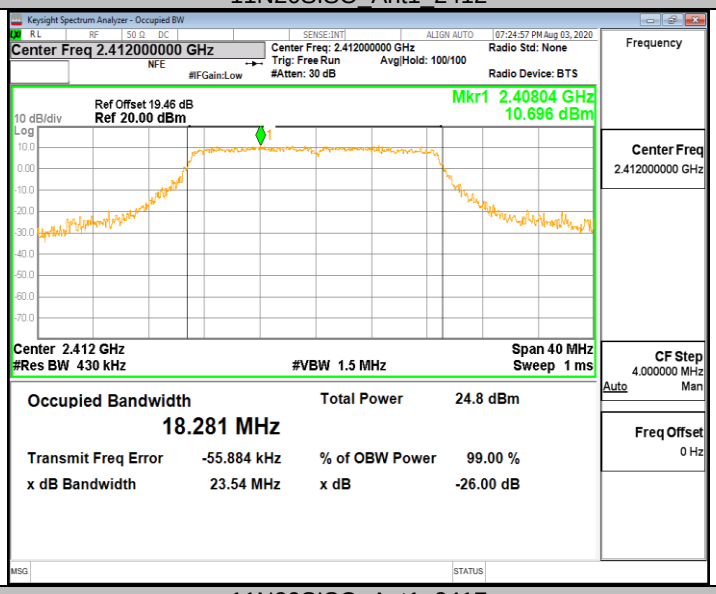
11G_Ant1_2457



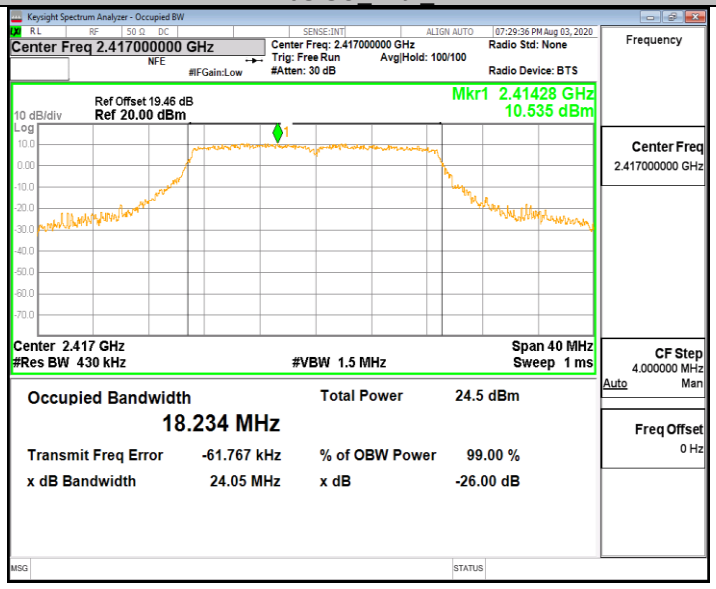
11G_Ant1_2462



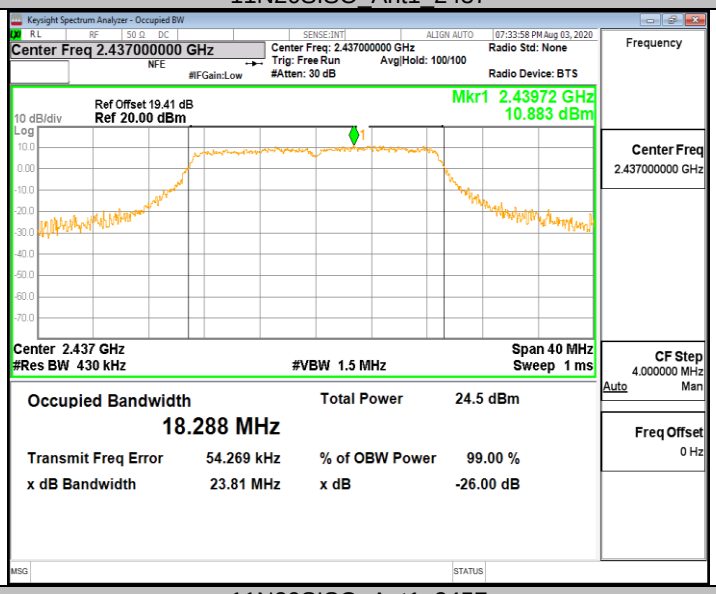
11N20SISO_Ant1_2412



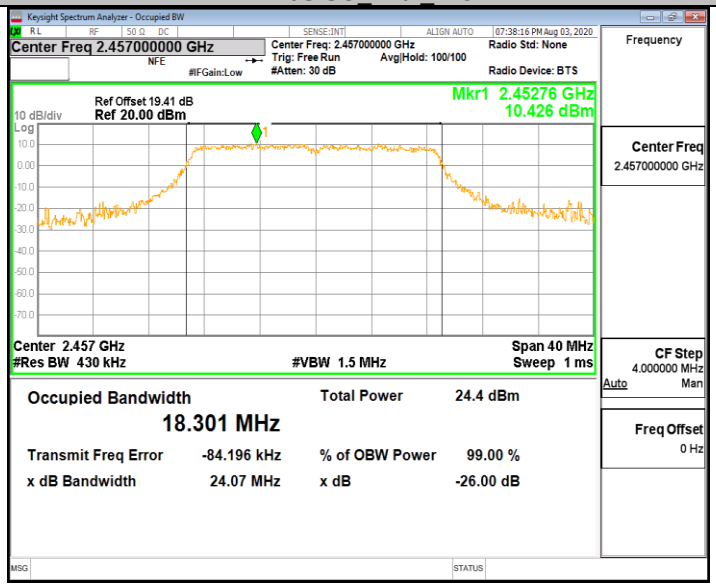
11N20SISO_Ant1_2417

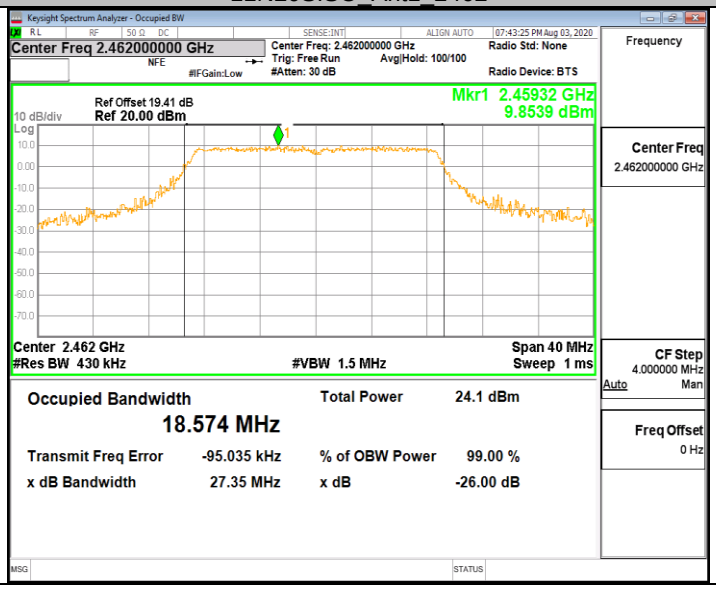


11N20SISO_Ant1_2437



11N20SISO_Ant1_2457



11N20SISO_Ant1_2462


11.3. Appendix C: Maximum AVG conducted output power

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	EIRP Result[dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	19.14	<=30	21.64	<=36	PASS
		2417	19.18	<=30	21.68	<=36	PASS
		2437	19.16	<=30	21.66	<=36	PASS
		2457	19.20	<=30	21.70	<=36	PASS
		2462	19.25	<=30	21.75	<=36	PASS
11G	Ant1	2412	19.16	<=30	21.66	<=36	PASS
		2417	19.18	<=30	21.68	<=36	PASS
		2437	19.20	<=30	21.70	<=36	PASS
		2457	19.16	<=30	21.66	<=36	PASS
		2462	18.55	<=30	21.05	<=36	PASS
11N20SISO	Ant1	2412	18.14	<=30	20.64	<=36	PASS
		2417	18.27	<=30	20.77	<=36	PASS
		2437	18.28	<=30	20.78	<=36	PASS
		2457	18.24	<=30	20.74	<=36	PASS
		2462	18.32	<=30	20.82	<=36	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor.
2. EIRP= Conducted power + antenna gain.
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

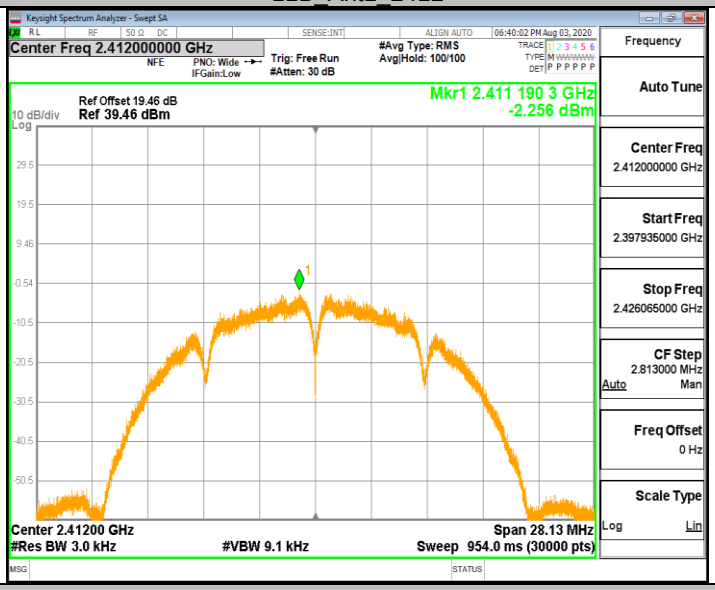
11.4. Appendix D: Maximum power spectral density

11.4.1. Test Result

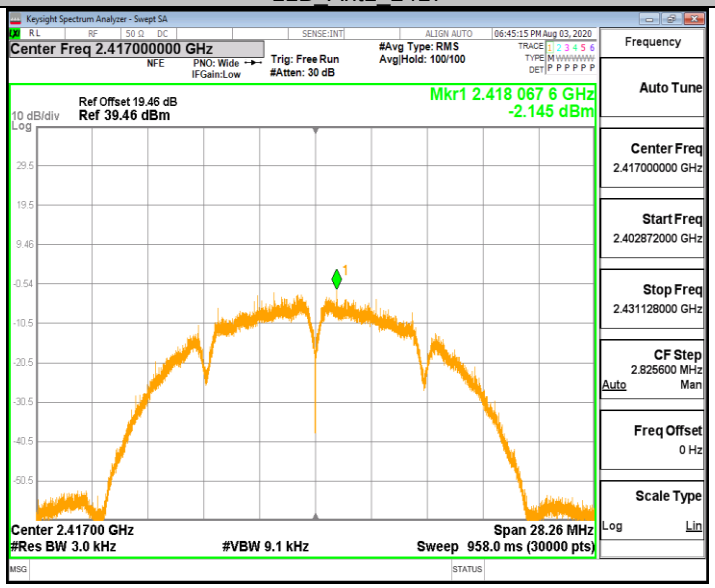
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.26	<=8	PASS
		2417	-2.15	<=8	PASS
		2437	-2.69	<=8	PASS
		2457	-2.93	<=8	PASS
		2462	-3.87	<=8	PASS
11G	Ant1	2412	-5.76	<=8	PASS
		2417	-5.12	<=8	PASS
		2437	-5.63	<=8	PASS
		2457	-6.12	<=8	PASS
		2462	-7.8	<=8	PASS
11N20SISO	Ant1	2412	-6.97	<=8	PASS
		2417	-7.3	<=8	PASS
		2437	-5.97	<=8	PASS
		2457	-7.19	<=8	PASS
		2462	-6.72	<=8	PASS

11.4.2. Test Graphs

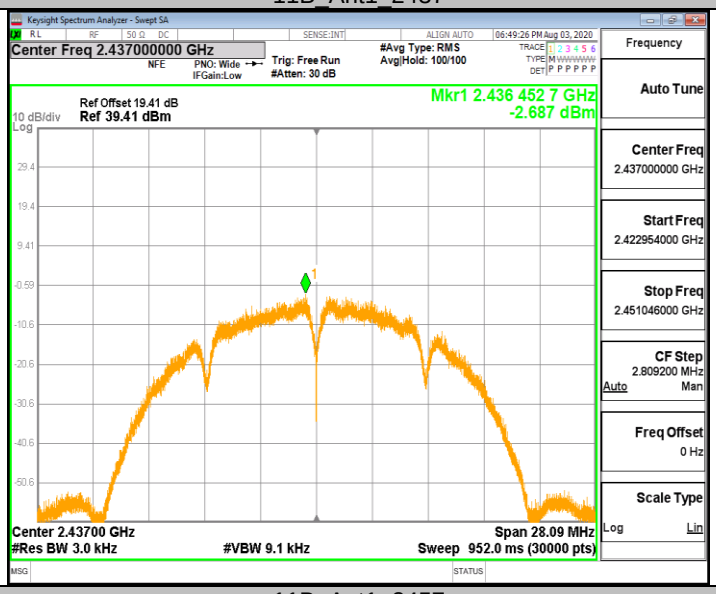
11B_Ant1_2412



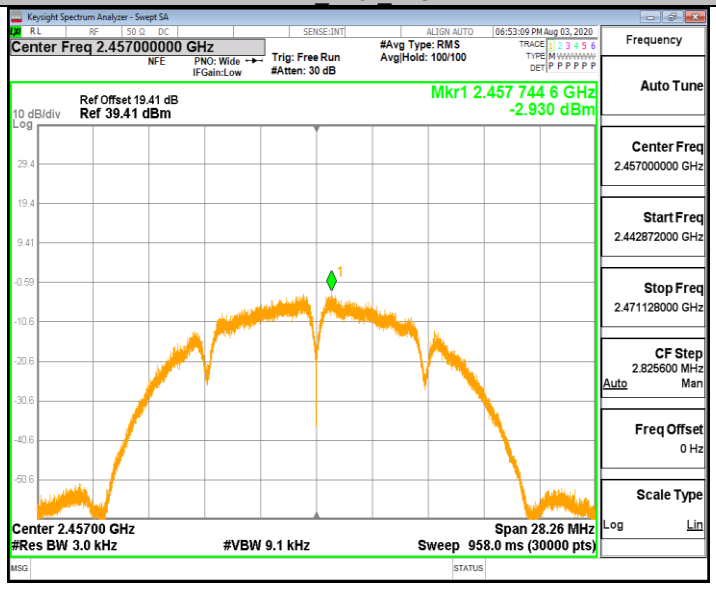
11B_Ant1_2417



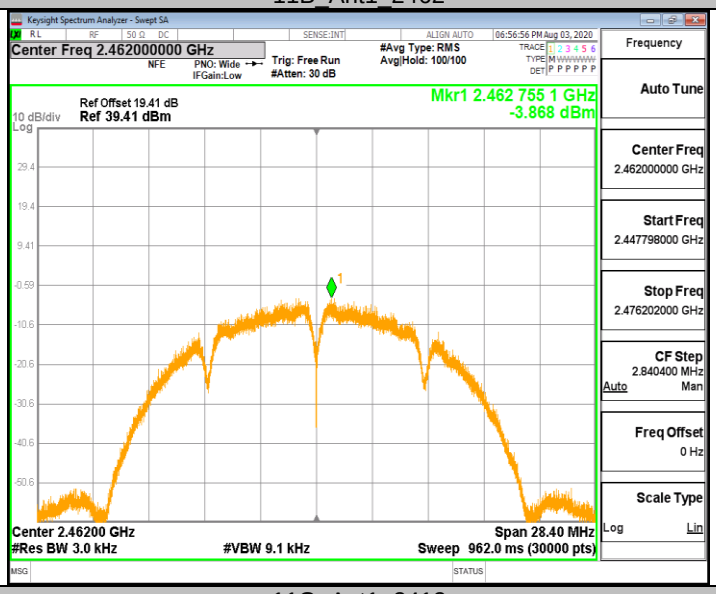
11B_Ant1_2437



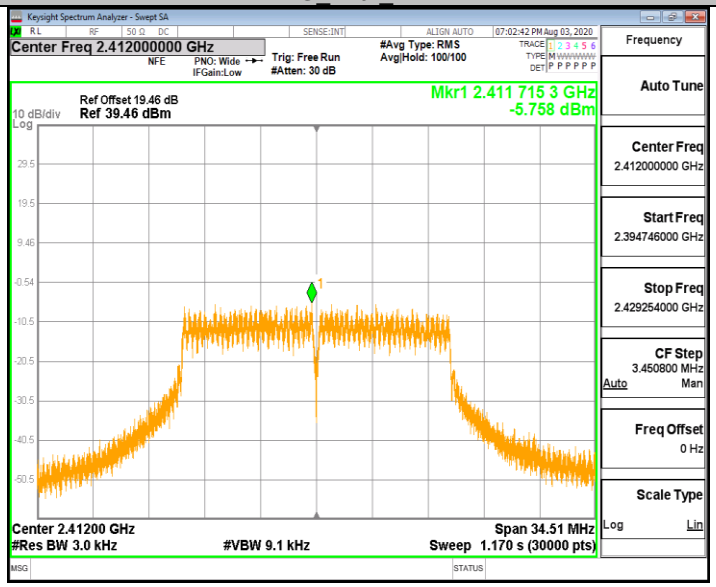
11B_Ant1_2457



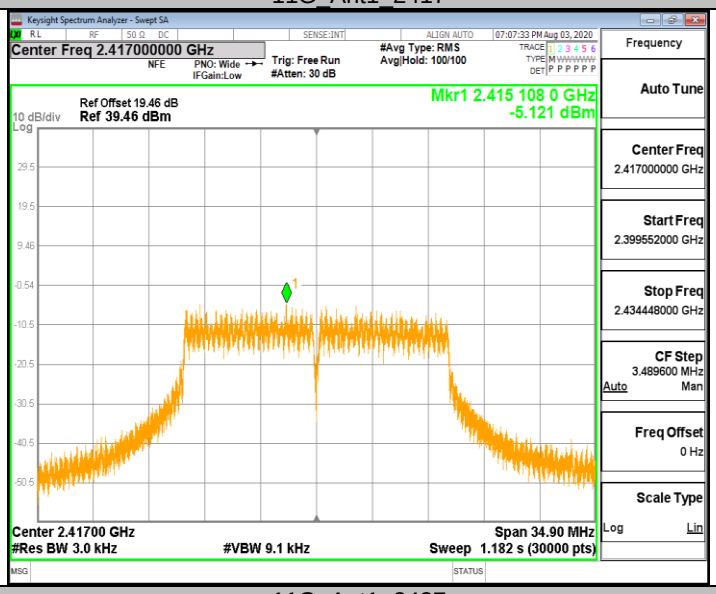
11B_Ant1_2462



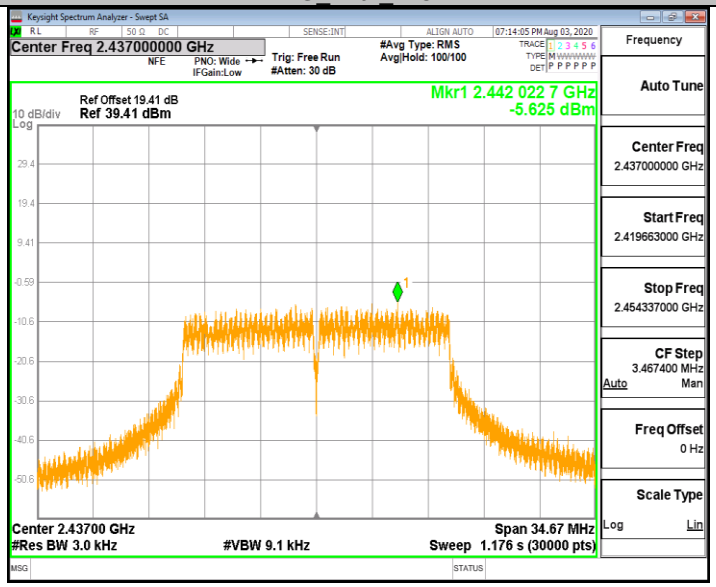
11G_Ant1_2412



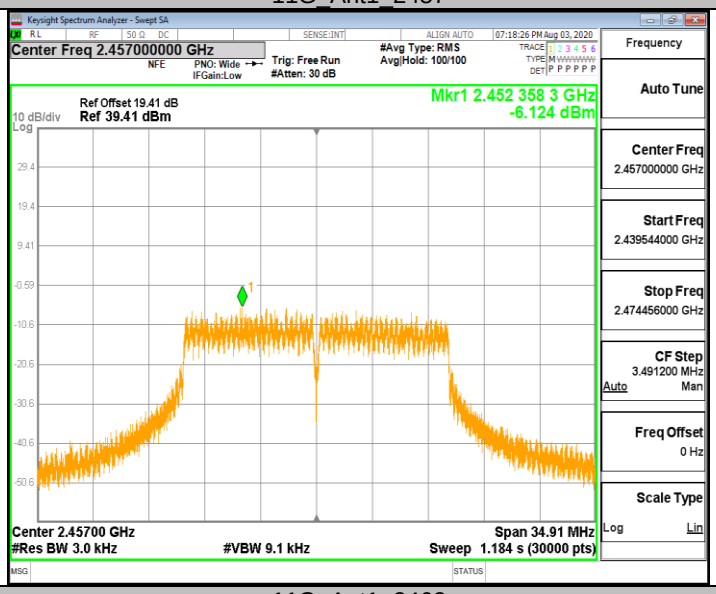
11G_Ant1_2417



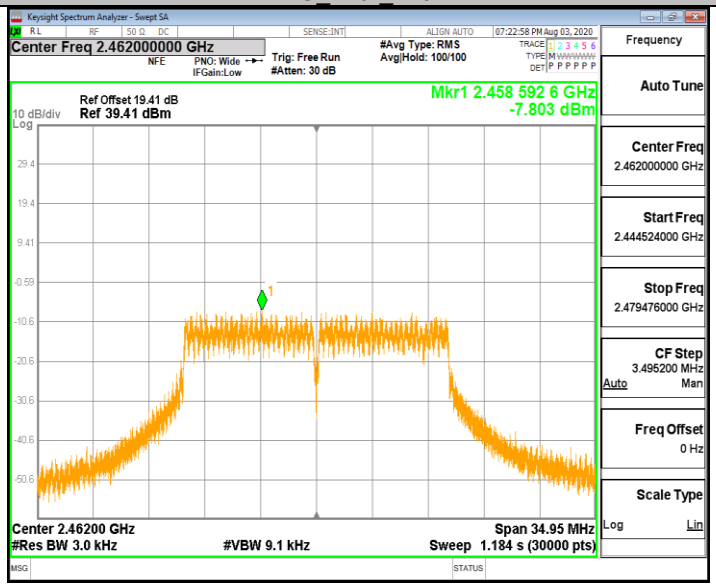
11G_Ant1_2437



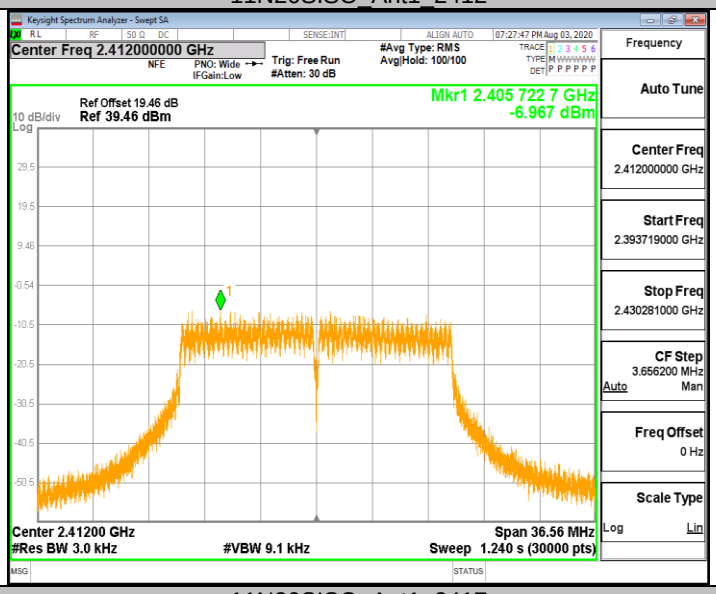
11G_Ant1_2457



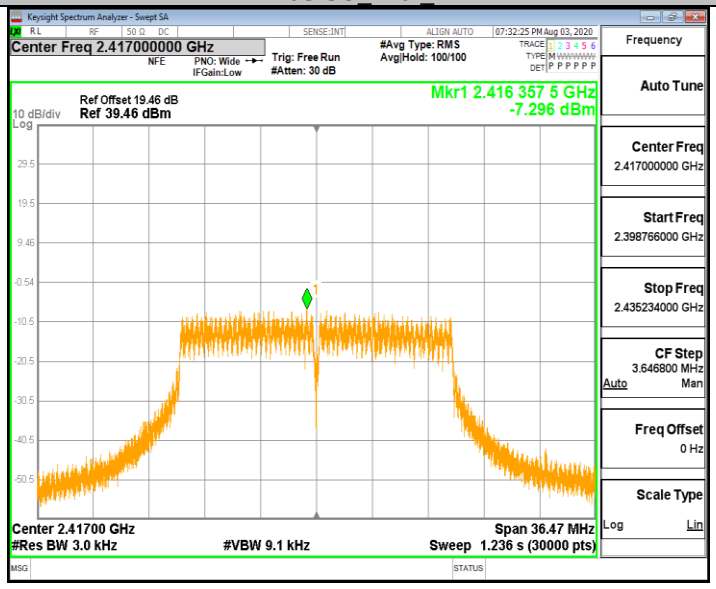
11G_Ant1_2462



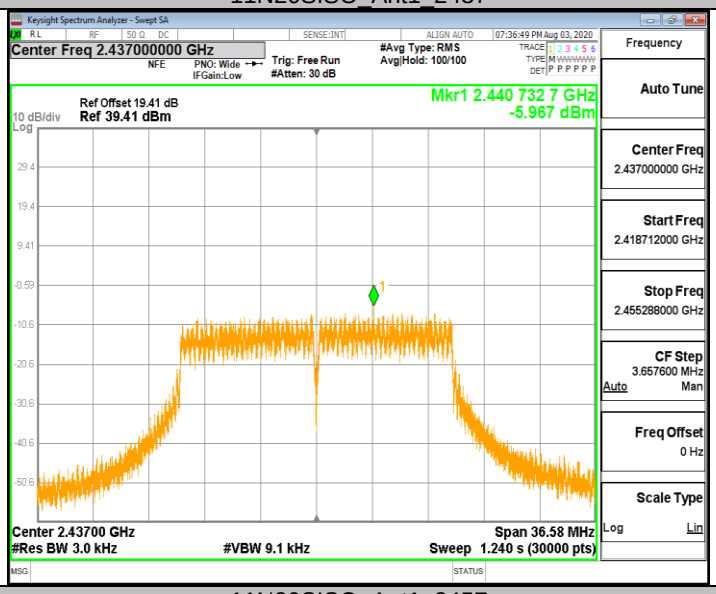
11N20SISO_Ant1_2412



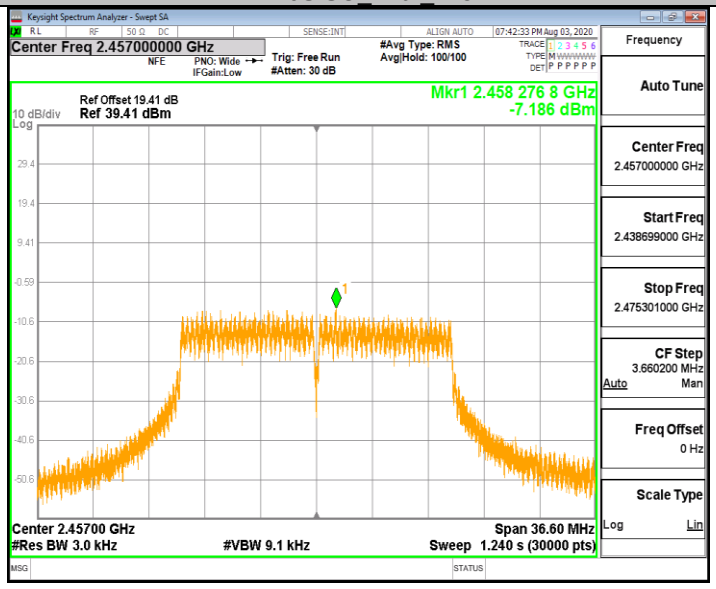
11N20SISO_Ant1_2417

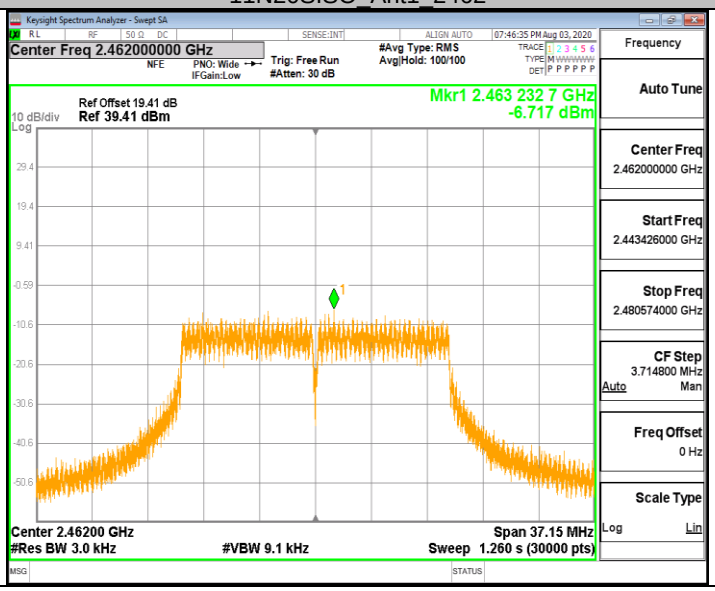


11N20SISO_Ant1_2437



11N20SISO_Ant1_2457



11N20SISO_Ant1_2462


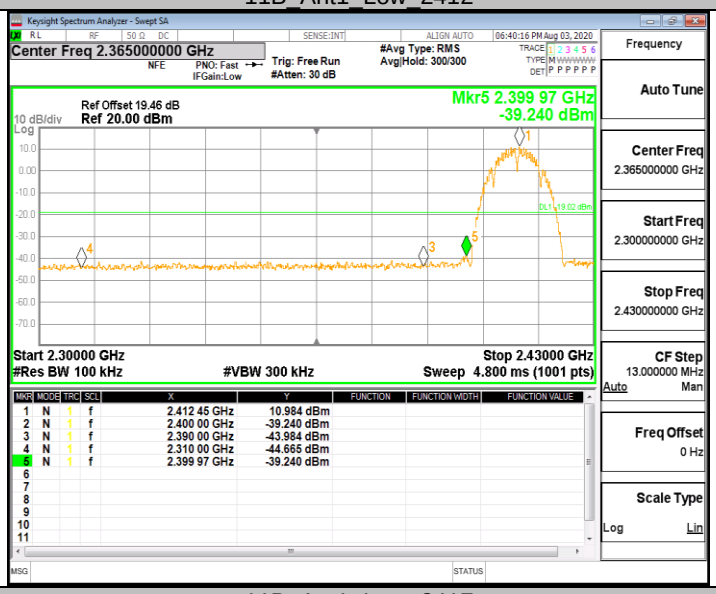
11.5. Appendix E: Band edge measurements

11.5.1. Test Result

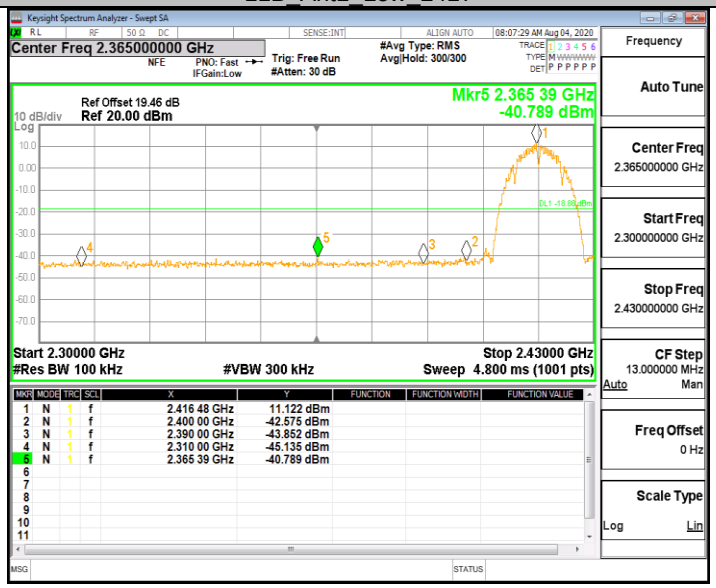
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	10.98	-39.24	<=-19.02	PASS
			2417	11.12	-40.79	<=-18.88	PASS
		High	2457	10.34	-40.56	<=-19.66	PASS
			2462	9.77	-40.38	<=-20.23	PASS
11G	Ant1	Low	2412	8.31	-23.16	<=-21.69	PASS
			2417	7.98	-27.39	<=-22.02	PASS
		High	2457	7.87	-37.17	<=-22.13	PASS
			2462	6.59	-35.55	<=-23.41	PASS
11N20SISO	Ant1	Low	2412	7.29	-25.32	<=-22.71	PASS
			2417	7.22	-31.54	<=-22.78	PASS
		High	2457	6.77	-37.5	<=-23.23	PASS
			2462	6.56	-32.71	<=-23.44	PASS

11.5.2. Test Graphs

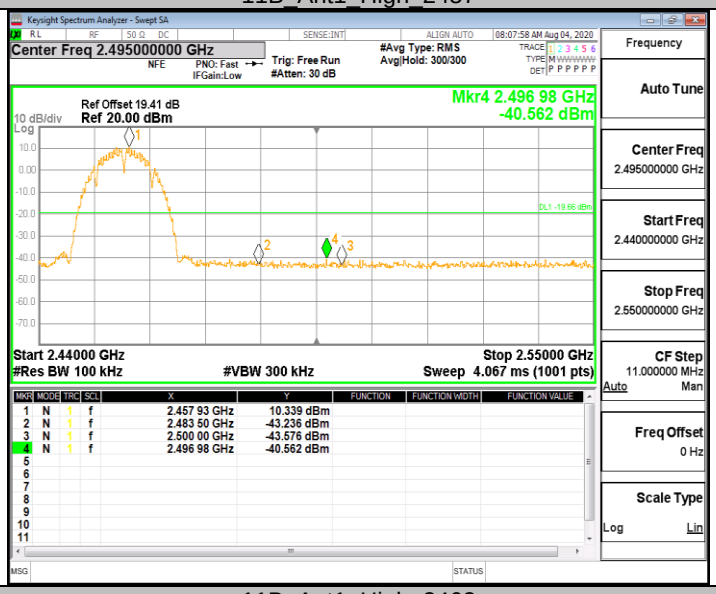
11B_Ant1_Low_2412



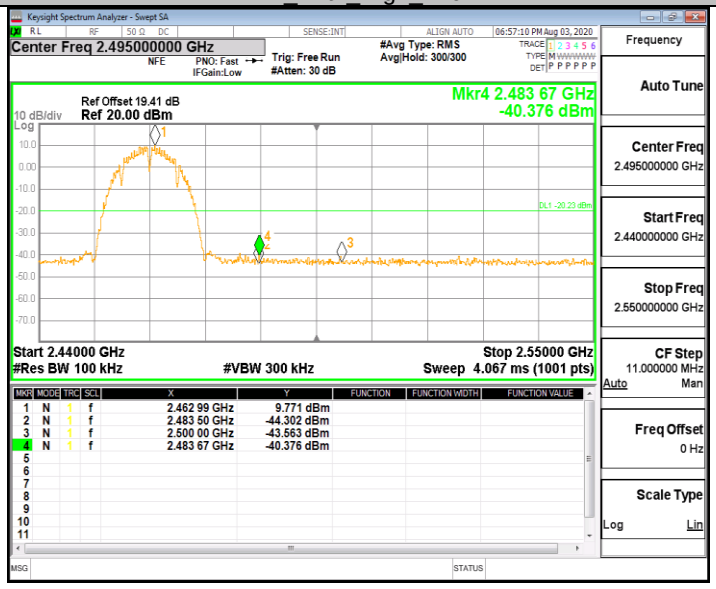
11B_Ant1_Low_2417



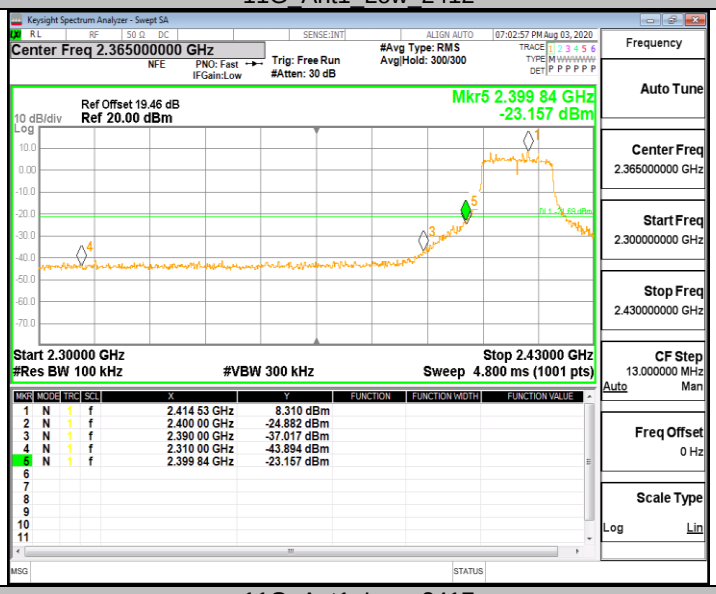
11B_Ant1_High_2457



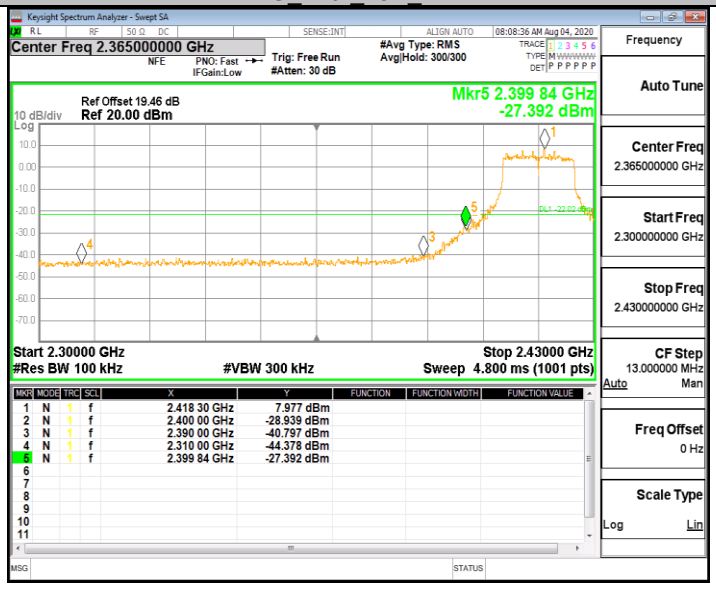
11B_Ant1_High_2462



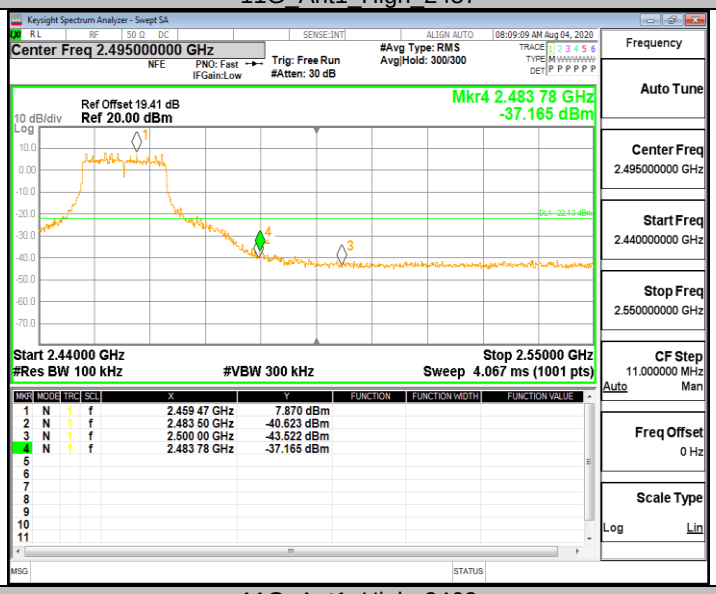
11G_Ant1_Low_2412



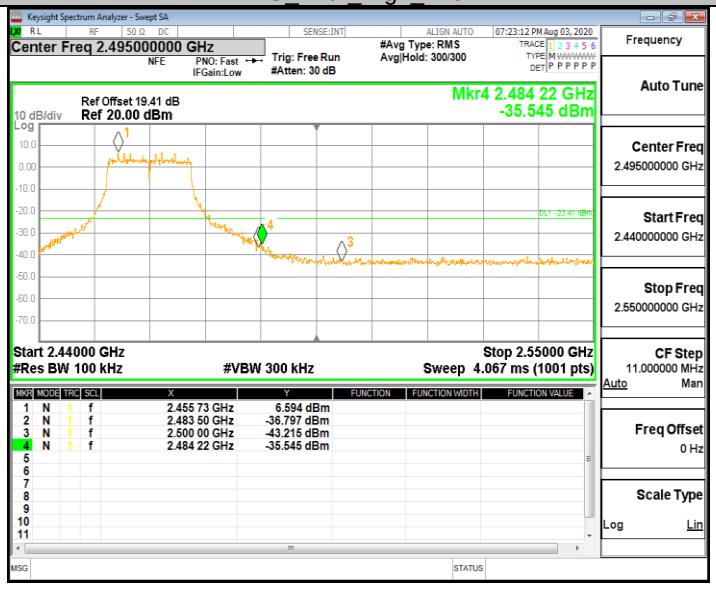
11G_Ant1_Low_2417



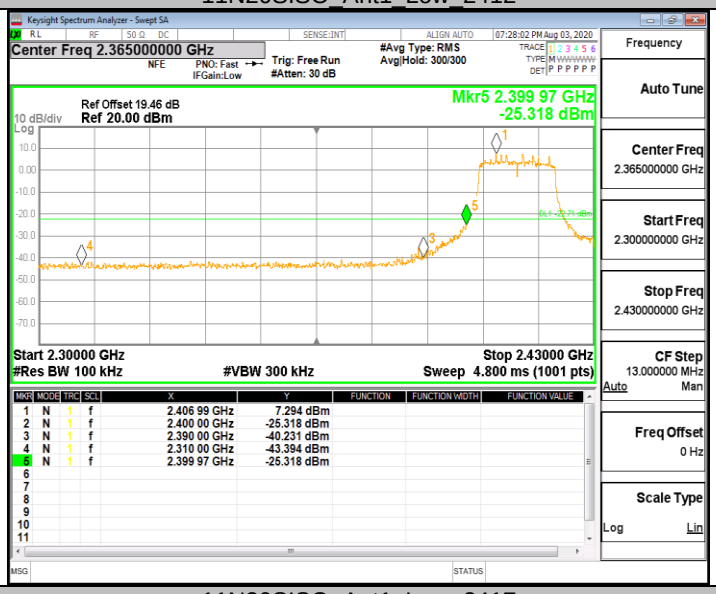
11G_Ant1_High_2457



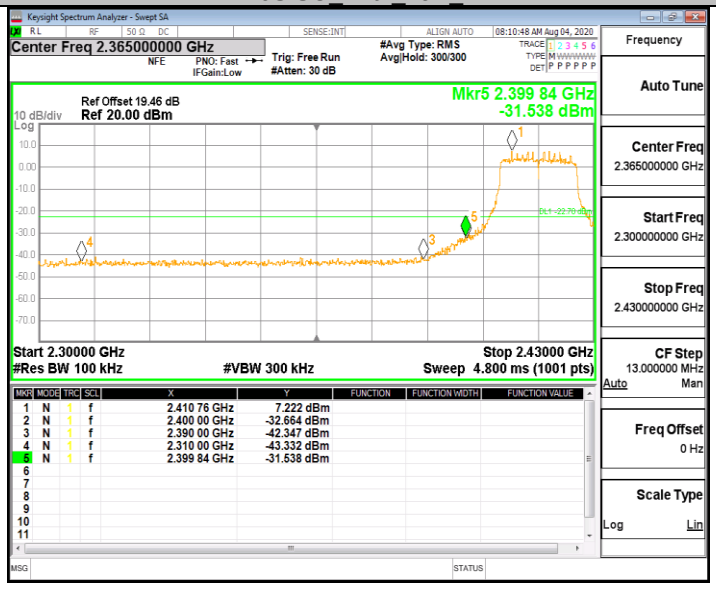
11G_Ant1_High_2462

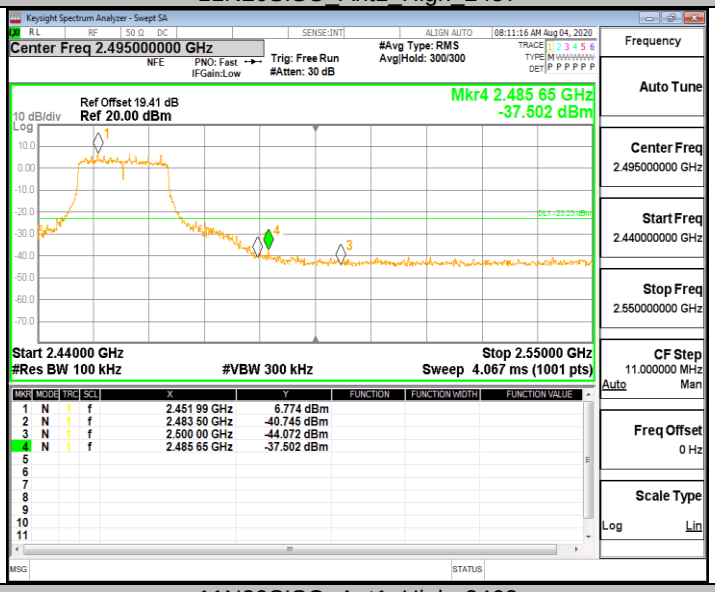


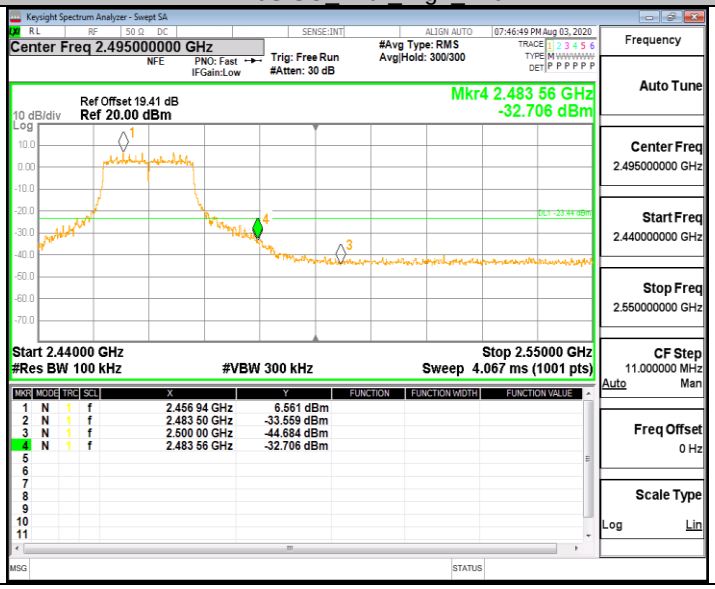
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_Low_2417



11N20SISO_Ant1_High_2457


11N20SISO_Ant1_High_2462


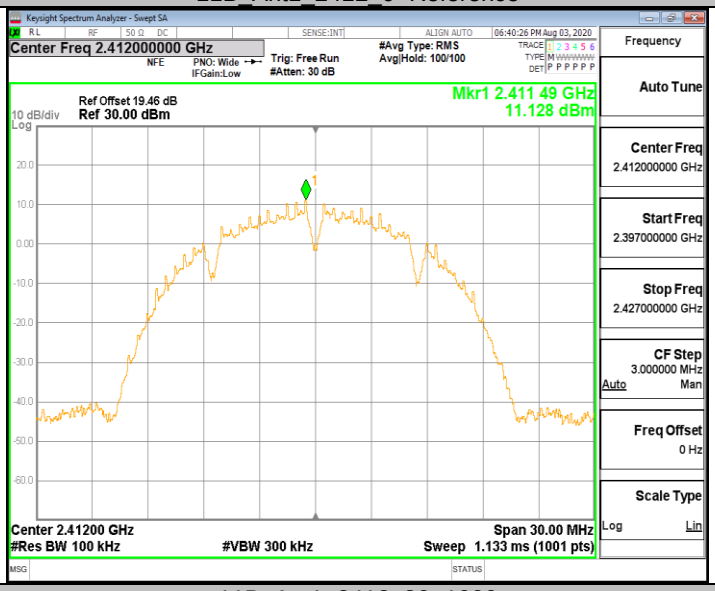
11.6. Appendix F: Conducted Spurious Emission

11.6.1. Test Result

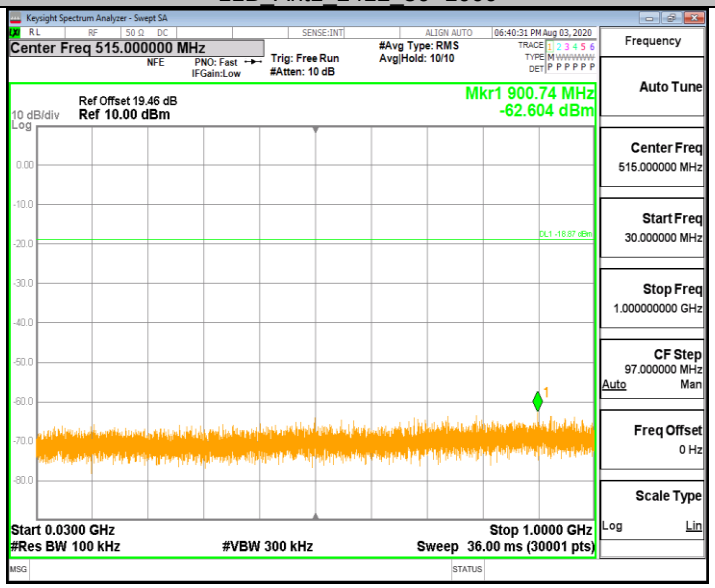
Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	11.13	11.13	---	PASS
			30~1000	30~1000	-62.604	<=-18.872	PASS
			1000~26500	1000~26500	-53.058	<=-18.872	PASS
		2417	Reference	9.80	9.80	---	PASS
			30~1000	30~1000	-63.525	<=-20.201	PASS
			1000~26500	1000~26500	-54.455	<=-20.201	PASS
		2437	Reference	10.03	10.03	---	PASS
			30~1000	30~1000	-62.798	<=-19.969	PASS
			1000~26500	1000~26500	-54.448	<=-19.969	PASS
		2457	Reference	9.55	9.55	---	PASS
			30~1000	30~1000	-62.99	<=-20.453	PASS
			1000~26500	1000~26500	-53.539	<=-20.453	PASS
		2462	Reference	8.60	8.60	---	PASS
			30~1000	30~1000	-63.788	<=-21.4	PASS
			1000~26500	1000~26500	-53.508	<=-21.4	PASS
11G	Ant1	2412	Reference	8.27	8.27	---	PASS
			30~1000	30~1000	-63.793	<=-21.726	PASS
			1000~26500	1000~26500	-54.132	<=-21.726	PASS
		2417	Reference	8.03	8.03	---	PASS
			30~1000	30~1000	-63.293	<=-21.966	PASS
			1000~26500	1000~26500	-54.394	<=-21.966	PASS
		2437	Reference	7.75	7.75	---	PASS
			30~1000	30~1000	-63.719	<=-22.246	PASS
			1000~26500	1000~26500	-55.039	<=-22.246	PASS
		2457	Reference	7.94	7.94	---	PASS
			30~1000	30~1000	-63.329	<=-22.065	PASS
			1000~26500	1000~26500	-53.565	<=-22.065	PASS
		2462	Reference	5.05	5.05	---	PASS
			30~1000	30~1000	-63.763	<=-24.95	PASS
			1000~26500	1000~26500	-54.685	<=-24.95	PASS
11N20SISO	Ant1	2412	Reference	6.81	6.81	---	PASS
			30~1000	30~1000	-63.555	<=-23.195	PASS
			1000~26500	1000~26500	-54.57	<=-23.195	PASS
		2417	Reference	7.18	7.18	---	PASS
			30~1000	30~1000	-62.406	<=-22.816	PASS
			1000~26500	1000~26500	-53.712	<=-22.816	PASS
		2437	Reference	7.44	7.44	---	PASS
			30~1000	30~1000	-63.535	<=-22.565	PASS
			1000~26500	1000~26500	-53.171	<=-22.565	PASS
		2457	Reference	6.44	6.44	---	PASS
			30~1000	30~1000	-63.239	<=-23.564	PASS
			1000~26500	1000~26500	-52.984	<=-23.564	PASS
		2462	Reference	6.50	6.50	---	PASS
			30~1000	30~1000	-63.158	<=-23.502	PASS
			1000~26500	1000~26500	-54.738	<=-23.502	PASS

11.6.2. Test Graphs

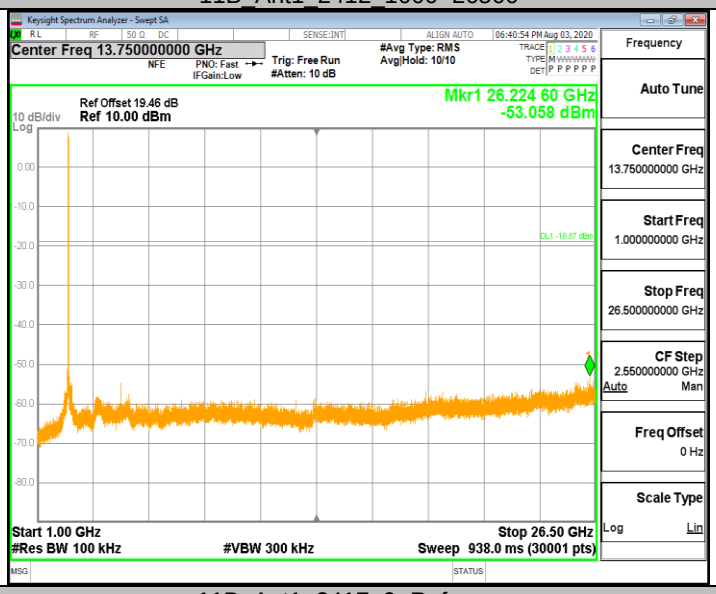
11B_Ant1_2412_0~Reference



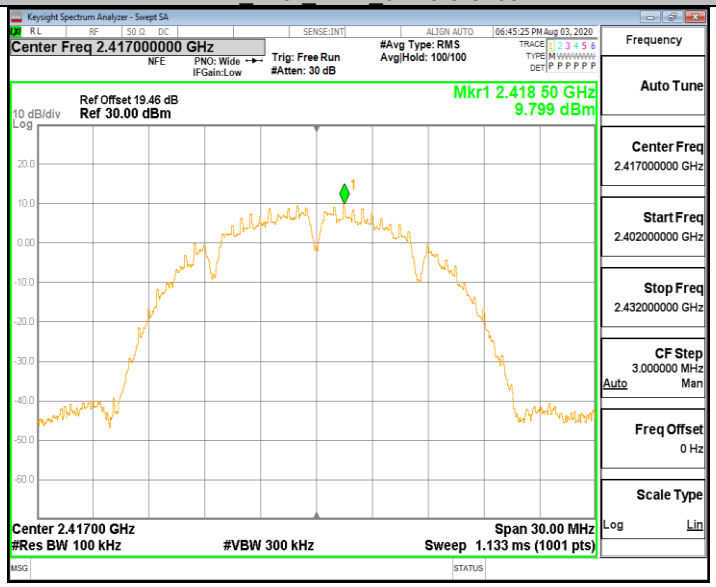
11B_Ant1_2412_30~1000



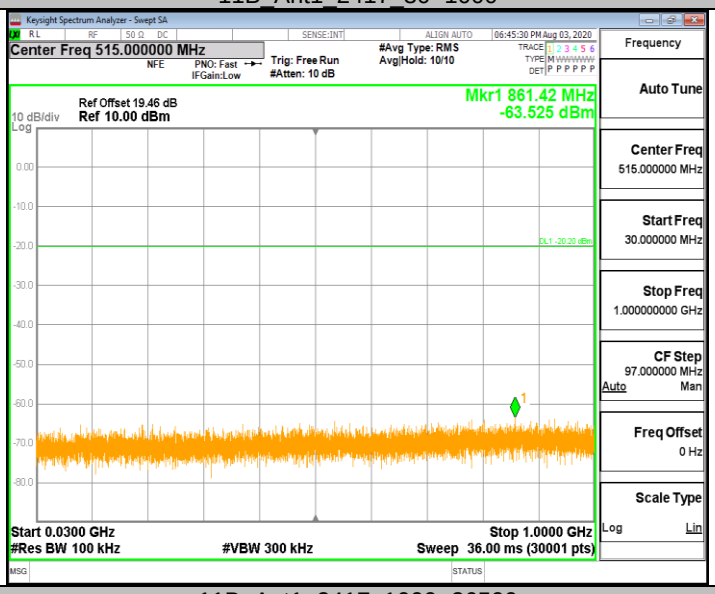
11B_Ant1_2412_1000~26500



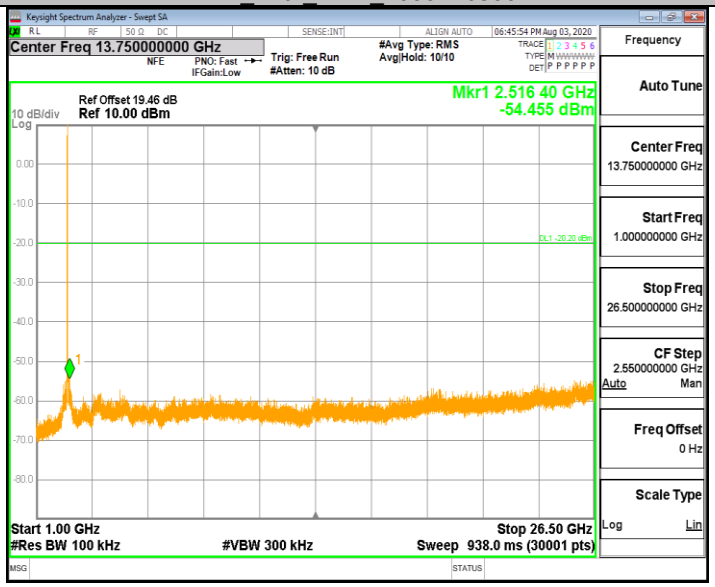
11B_Ant1_2417_0~Reference



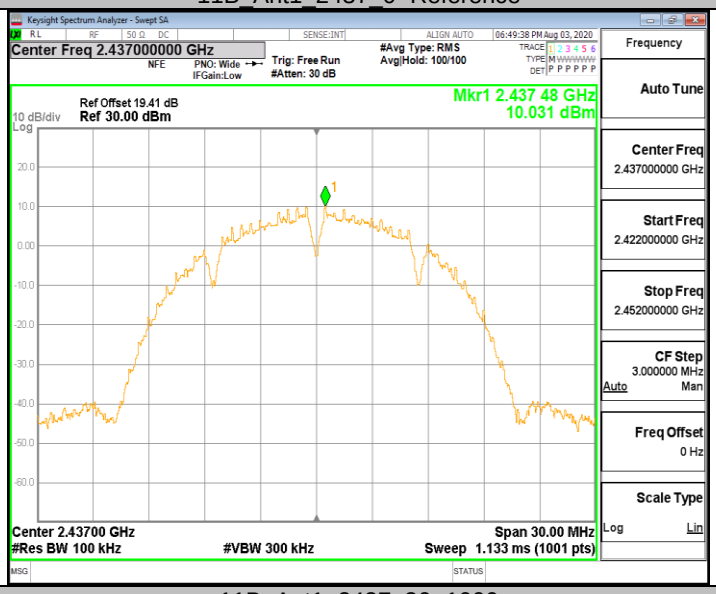
11B_Ant1_2417_30~1000



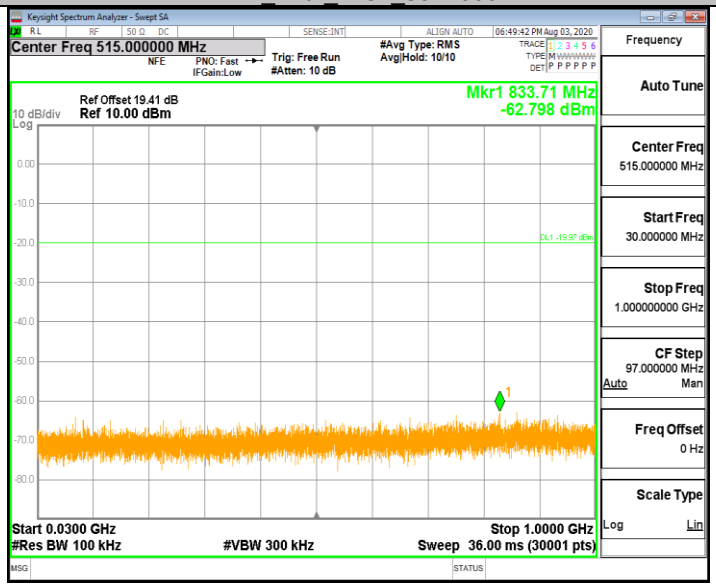
11B_Ant1_2417_1000~26500



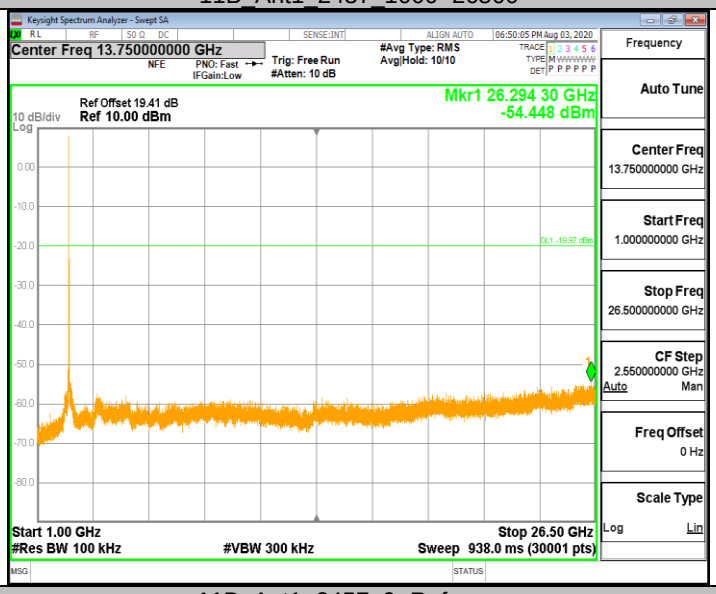
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2457_0~Reference