



11.2. Appendix B: Occupied Channel Bandwidth

11.2.1. Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant1	2412	13.091	2405.472	2418.563	PASS
		2437	12.888	2430.566	2443.454	PASS
		2462	12.821	2455.593	2468.414	PASS
11G	Ant1	2412	17.653	2403.128	2420.781	PASS
		2437	17.754	2428.010	2445.764	PASS
		2462	17.726	2453.087	2470.813	PASS
11N20SISO	Ant1	2412	18.891	2402.593	2421.484	PASS
		2437	18.902	2427.523	2446.425	PASS
		2462	18.949	2452.521	2471.470	PASS
11N40SISO	Ant1	2422	37.361	2403.339	2440.700	PASS
		2437	37.329	2418.251	2455.580	PASS
		2452	37.370	2433.300	2470.670	PASS
11AX20SISO	Ant1	2412	19.595	2402.179	2421.774	PASS
		2437	19.652	2427.159	2446.811	PASS
		2462	19.701	2452.098	2471.799	PASS
11AX40SISO	Ant1	2422	38.266	2402.891	2441.157	PASS
		2437	38.384	2417.813	2456.197	PASS
		2452	38.362	2432.778	2471.140	PASS

11.2.2. Test Graphs

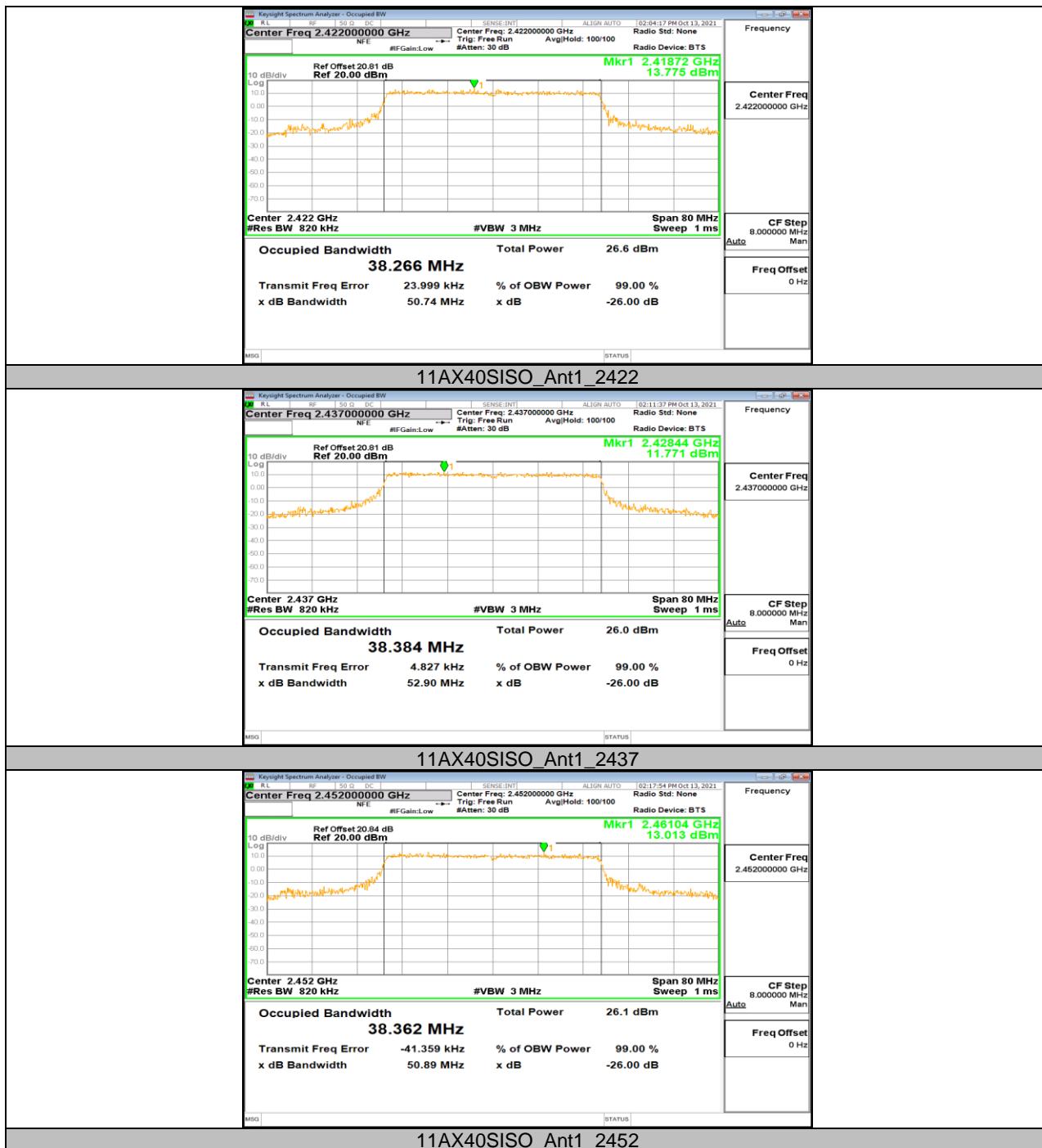












11.3. Appendix C: Maximum Average Conducted Output Power

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	4.28	<=30	PASS
		2437	4.03	<=30	PASS
		2462	5.85	<=30	PASS
11G	Ant1	2412	6.62	<=30	PASS
		2437	6.64	<=30	PASS
		2462	6.13	<=30	PASS
11N20SISO	Ant1	2412	6.47	<=30	PASS
		2437	6.53	<=30	PASS
		2462	5.97	<=30	PASS
11N40SISO	Ant1	2422	6.37	<=30	PASS
		2437	6.40	<=30	PASS
		2452	6.52	<=30	PASS
11AX20SISO	Ant1	2412	11.08	<=30	PASS
		2437	11.23	<=30	PASS
		2462	10.40	<=30	PASS
11AX40SISO	Ant1	2422	18.80	<=30	PASS
		2437	18.83	<=30	PASS
		2452	18.46	<=30	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

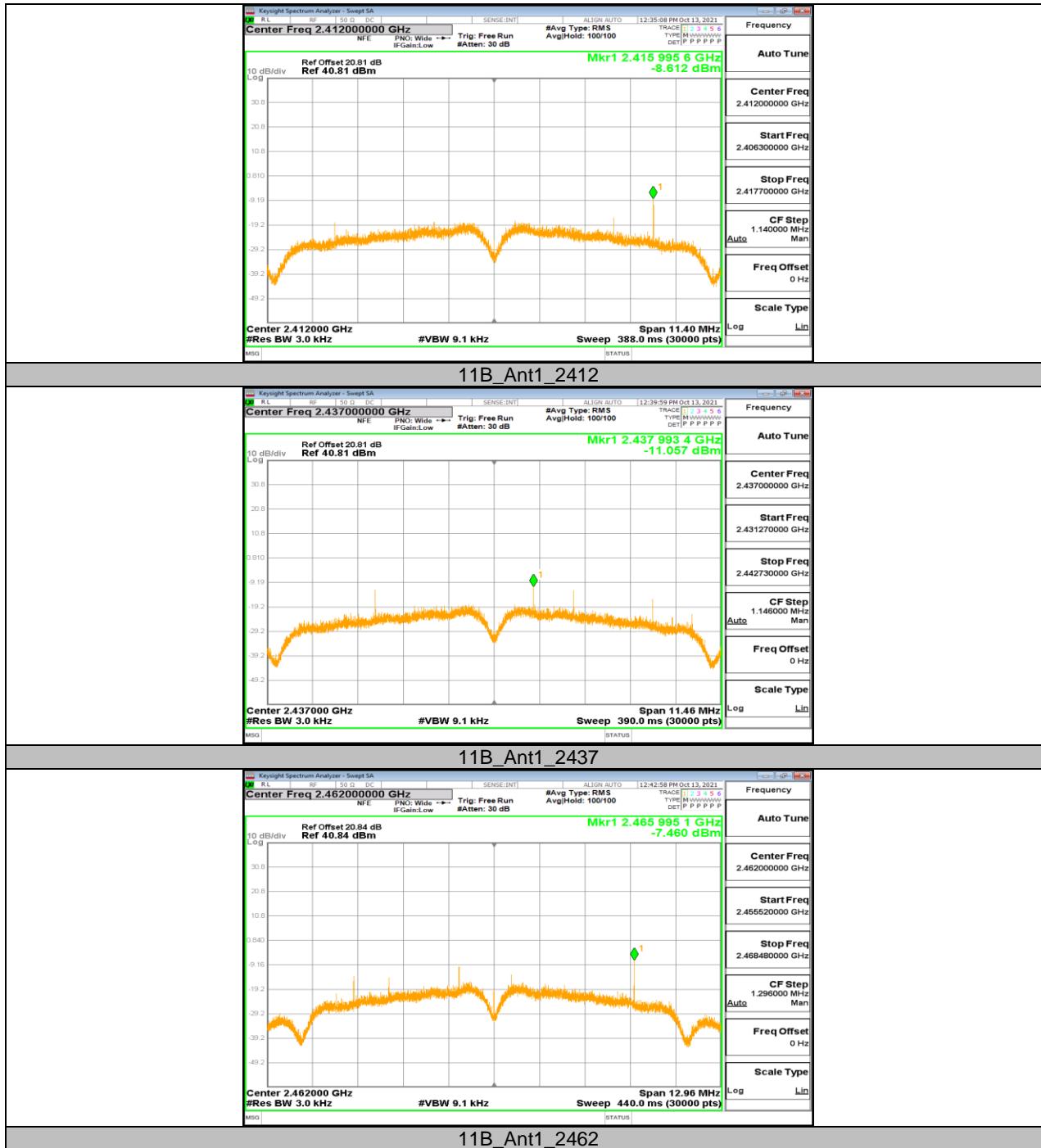
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

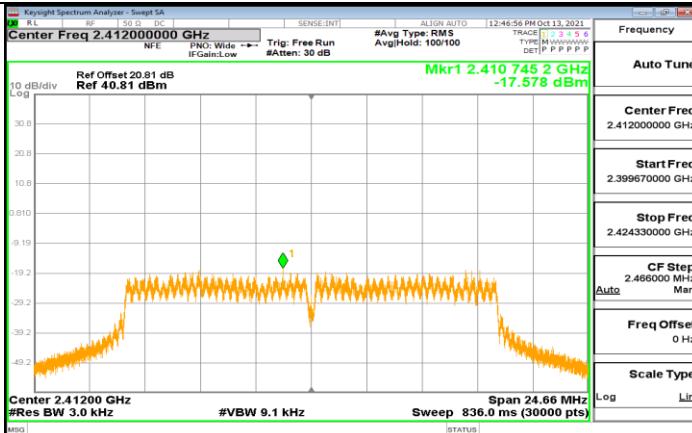
11.4. Appendix D: Maximum Power Spectral Density

11.4.1. Test Result

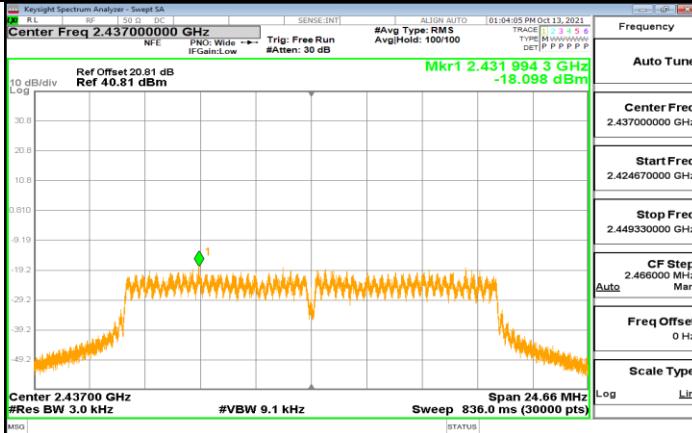
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.61	<=8	PASS
		2437	-11.06	<=8	PASS
		2462	-7.46	<=8	PASS
11G	Ant1	2412	-17.58	<=8	PASS
		2437	-18.1	<=8	PASS
		2462	-17.97	<=8	PASS
11N20SISO	Ant1	2412	-17.98	<=8	PASS
		2437	-18.04	<=8	PASS
		2462	-18.77	<=8	PASS
11N40SISO	Ant1	2422	-20.2	<=8	PASS
		2437	-20.44	<=8	PASS
		2452	-20.96	<=8	PASS
11AX20SISO	Ant1	2412	-14.19	<=8	PASS
		2437	-15.11	<=8	PASS
		2462	-15.8	<=8	PASS
11AX40SISO	Ant1	2422	-9.86	<=8	PASS
		2437	-9.86	<=8	PASS
		2452	-10.02	<=8	PASS

11.4.2. Test Graphs

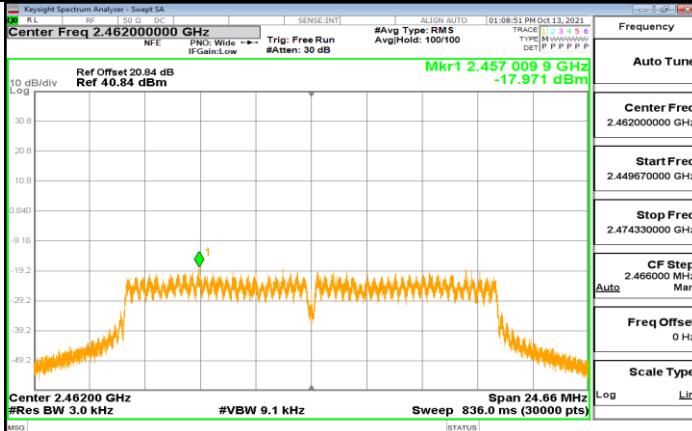




11G_Ant1_2412

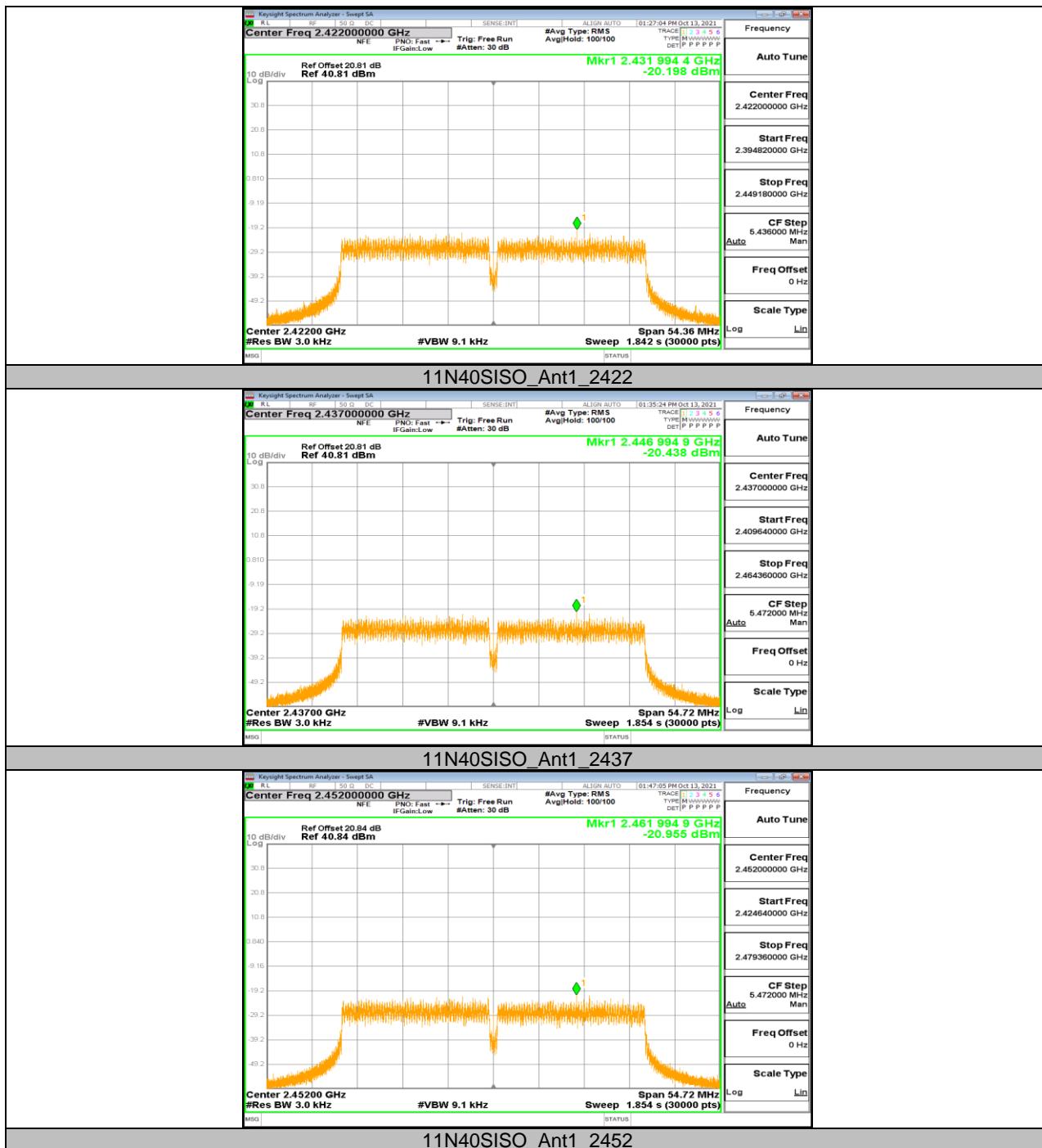


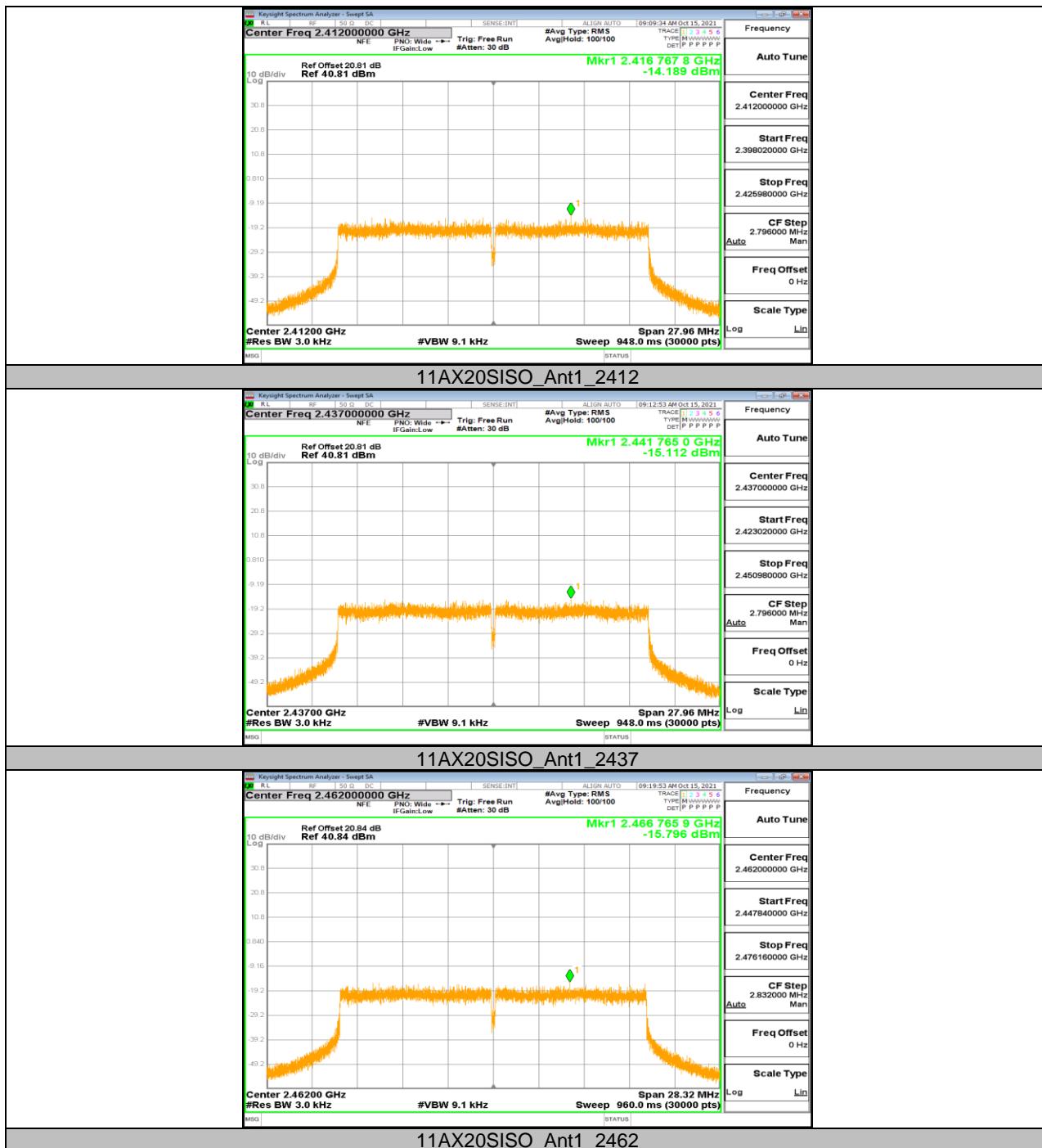
11G_Ant1_2437

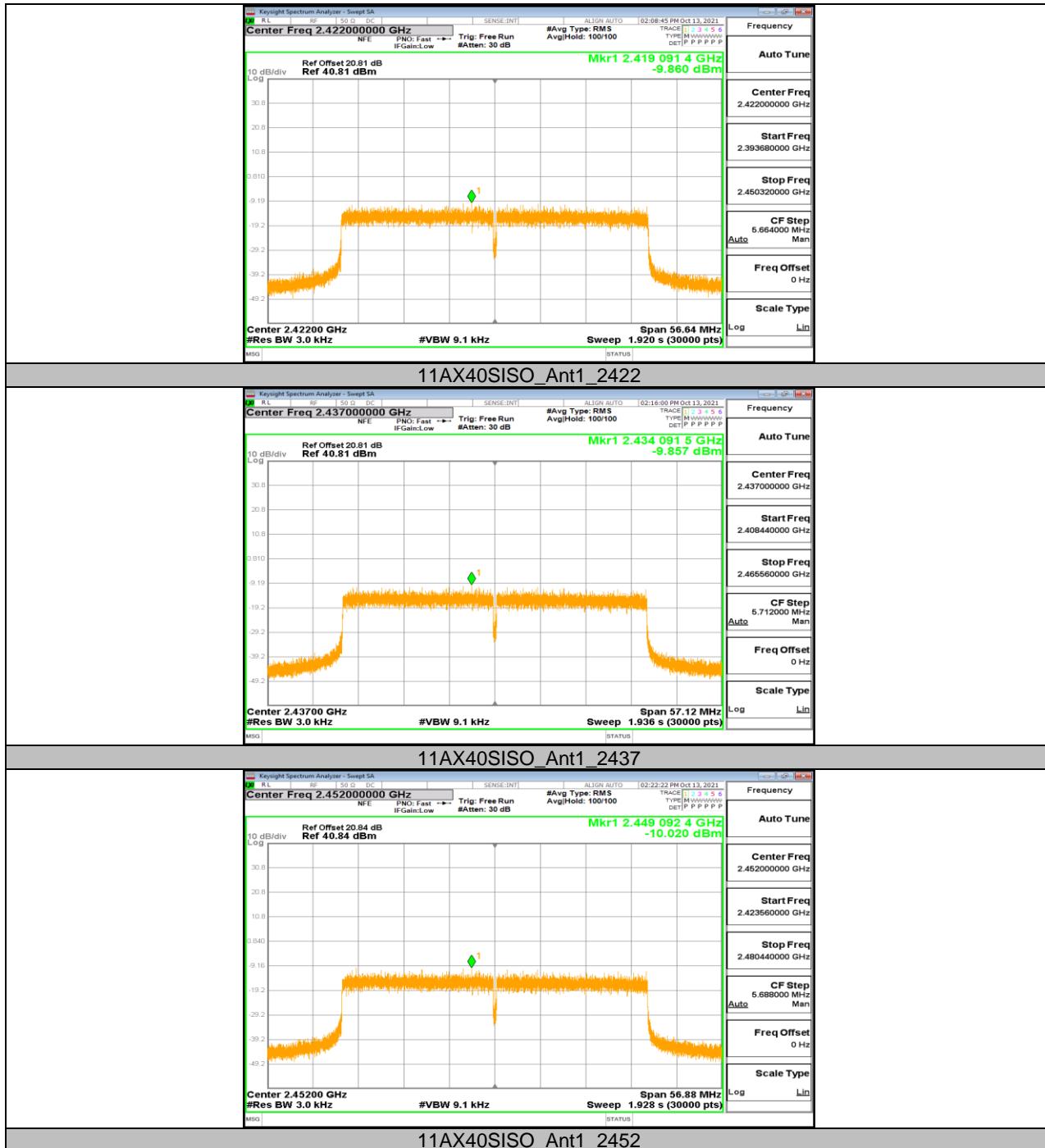


11G_Ant1_2462







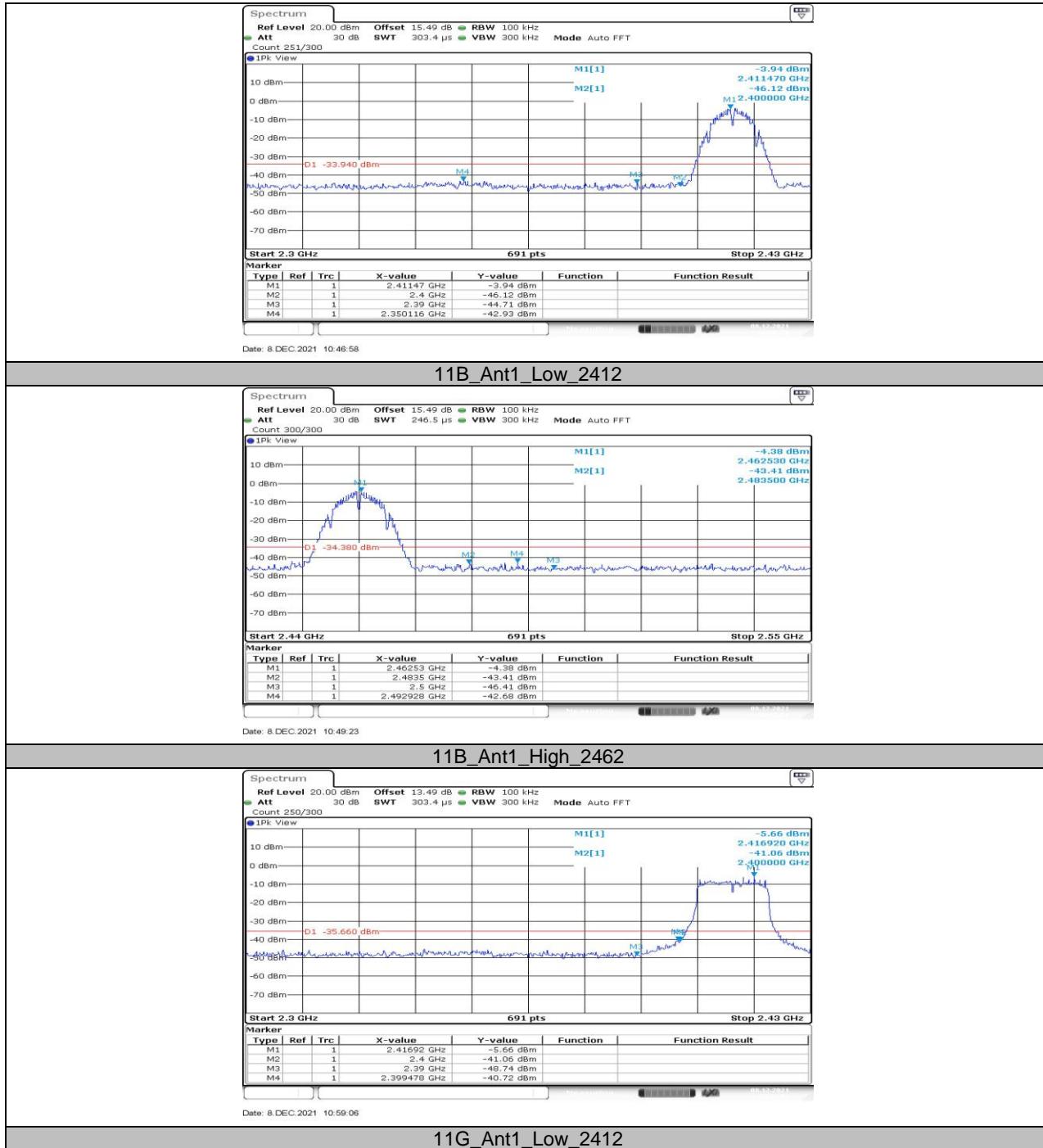


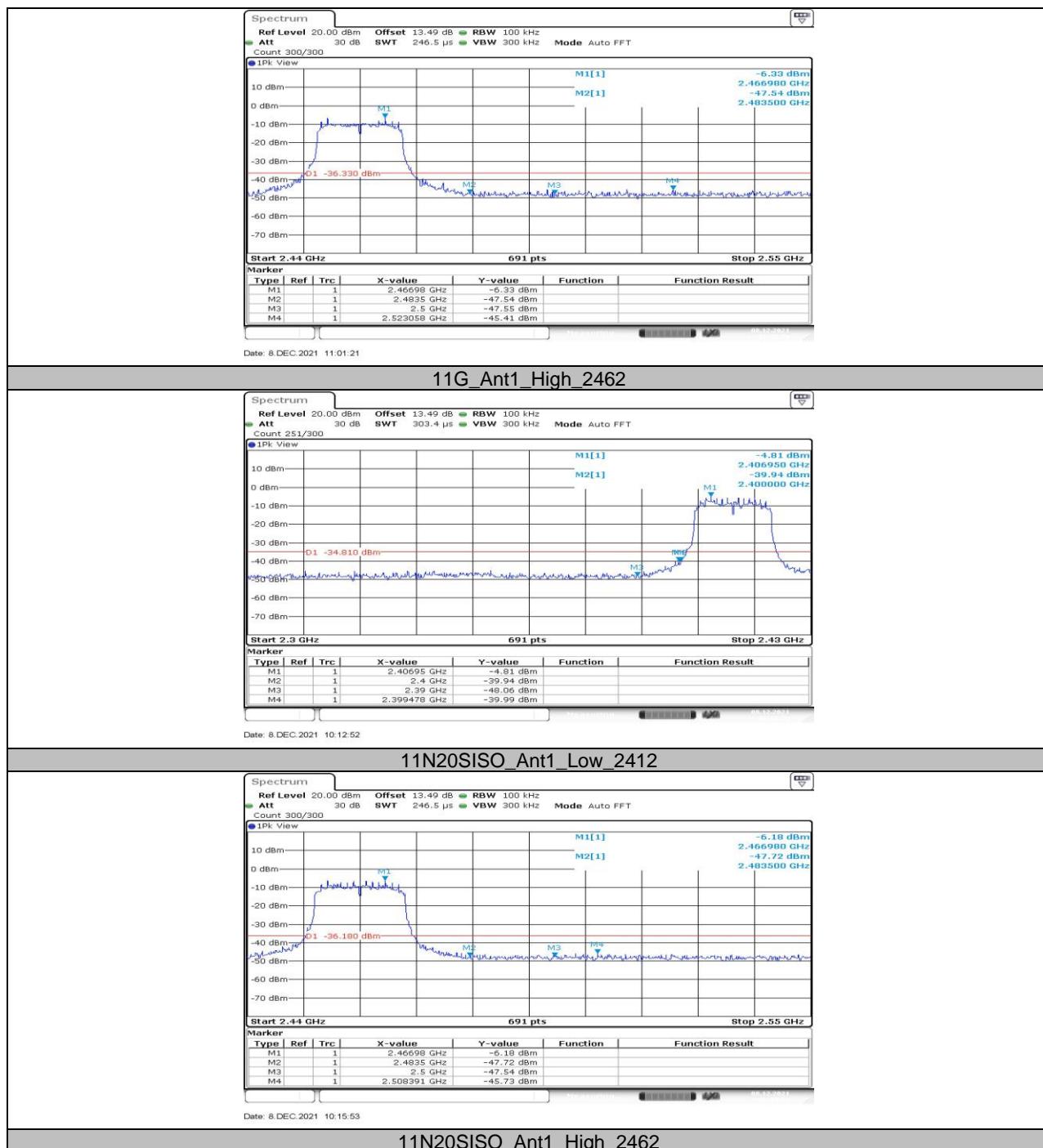
11.5. Appendix E: Band Edge Measurements

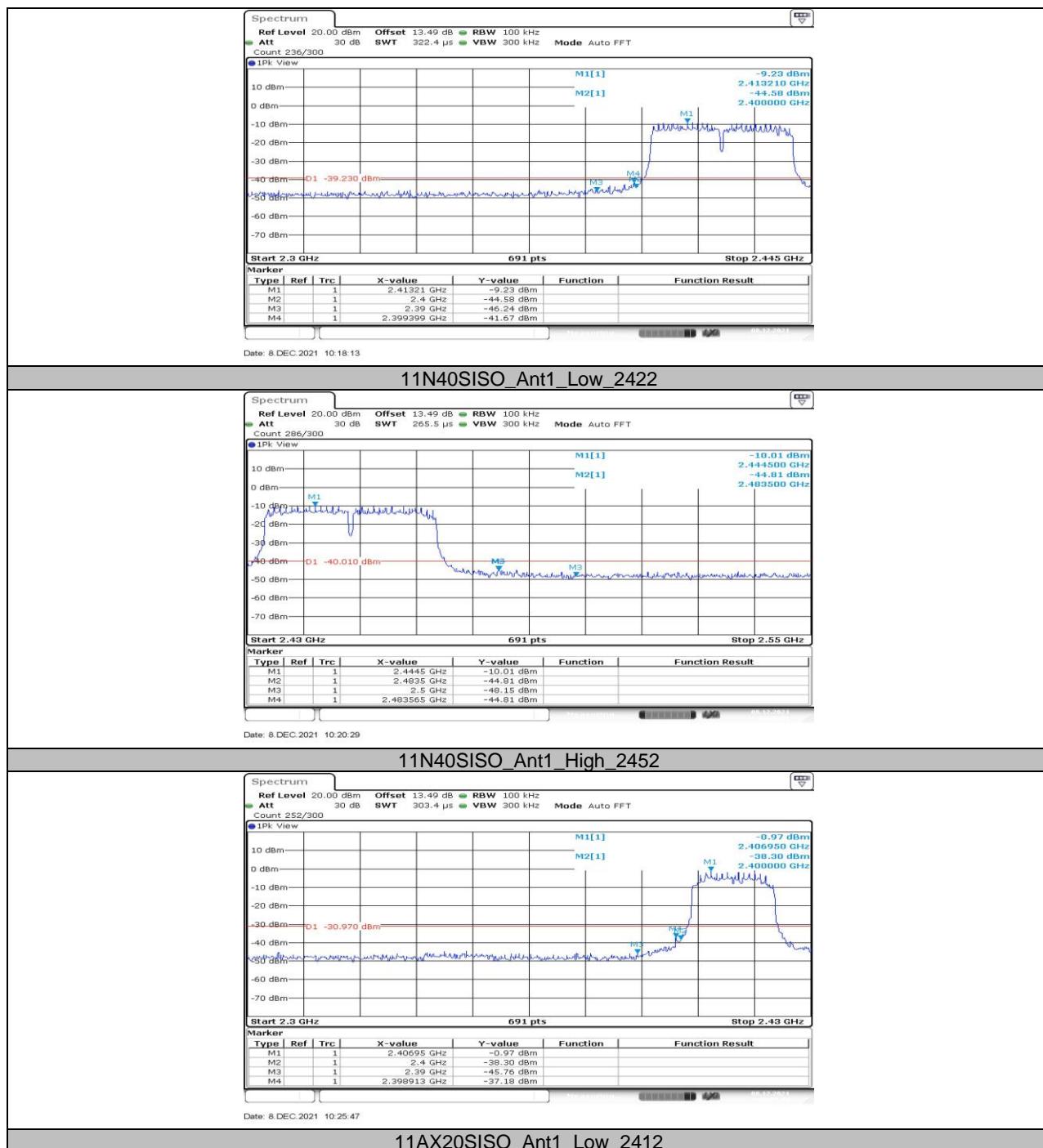
11.5.1. Test Result

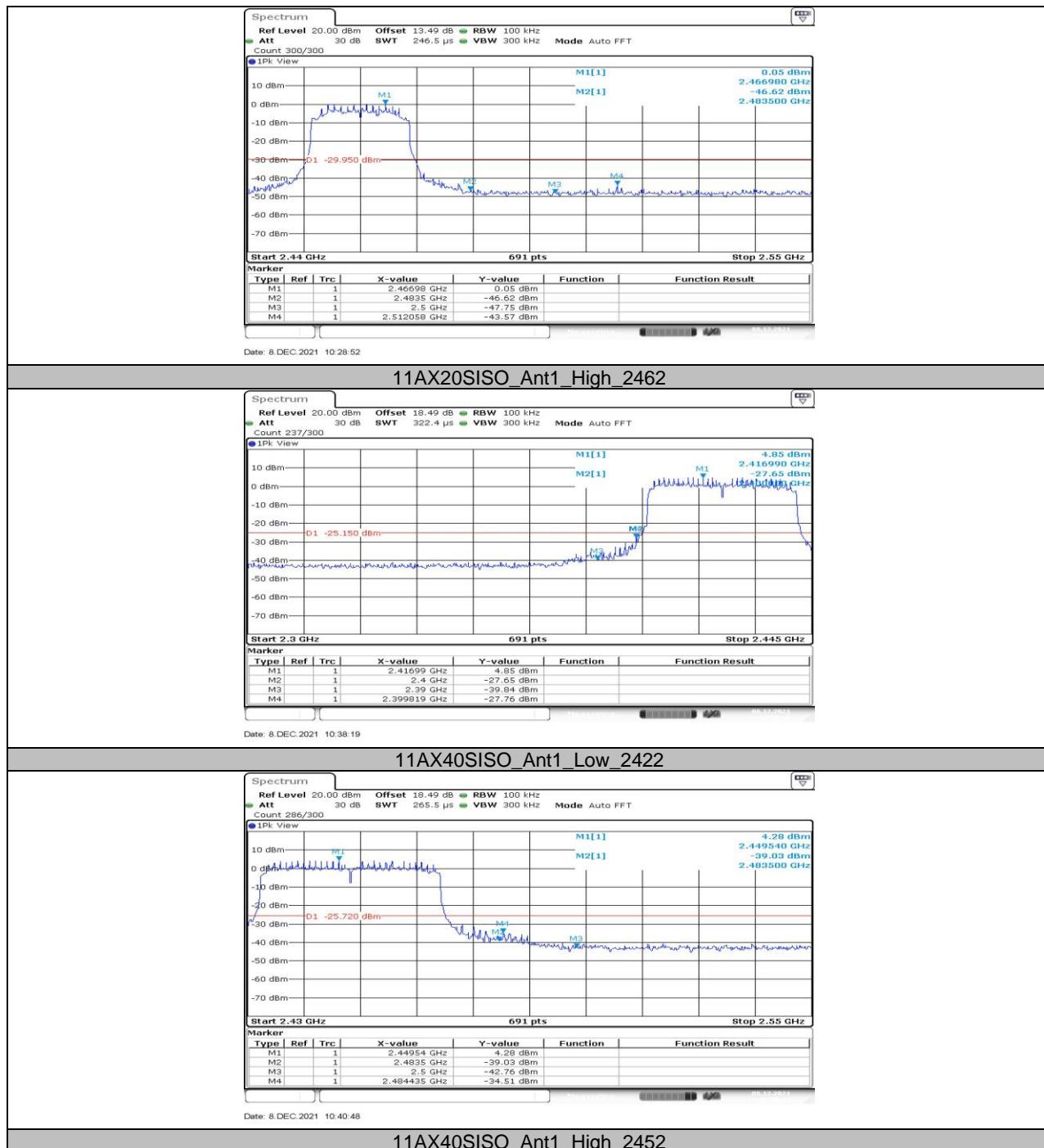
Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-3.94	-42.93	≤-33.94	PASS
		High	2462	-4.38	-42.68	≤-34.38	PASS
11G	Ant1	Low	2412	-5.66	-40.72	≤-35.66	PASS
		High	2462	-6.33	-45.41	≤-36.33	PASS
11N20SISO	Ant1	Low	2412	-4.81	-39.99	≤-34.81	PASS
		High	2462	-6.18	-45.73	≤-36.18	PASS
11N40SISO	Ant1	Low	2422	-9.23	-41.67	≤-39.23	PASS
		High	2452	-10.01	-44.81	≤-40.01	PASS
11AX20SISO	Ant1	Low	2412	-0.97	-37.18	≤-30.97	PASS
		High	2462	0.05	-43.57	≤-29.95	PASS
11AX40SISO	Ant1	Low	2422	4.85	-27.76	≤-25.15	PASS
		High	2452	4.28	-34.51	≤-25.72	PASS

11.5.2. Test Graphs









11.6. Appendix F: Conducted Spurious Emission

11.6.1. Test Result

Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-3.07	-3.07	---	PASS
			30~1000	-3.07	-53.26	\leq -33.07	PASS
			1000~26500	-3.07	-45.78	\leq -33.07	PASS
		2437	Reference	-3.72	-3.72	---	PASS
			30~1000	-3.72	-51.9	\leq -33.72	PASS
			1000~26500	-3.72	-45.96	\leq -33.72	PASS
		2462	Reference	-3.10	-3.10	---	PASS
			30~1000	-3.10	-52.58	\leq -33.1	PASS
			1000~26500	-3.10	-46.86	\leq -33.1	PASS
11G	Ant1	2412	Reference	-5.44	-5.44	---	PASS
			30~1000	-5.44	-54.52	\leq -35.44	PASS
			1000~26500	-5.44	-48.78	\leq -35.44	PASS
		2437	Reference	-6.60	-6.60	---	PASS
			30~1000	-6.60	-54.13	\leq -36.6	PASS
			1000~26500	-6.60	-49.62	\leq -36.6	PASS
		2462	Reference	-6.20	-6.20	---	PASS
			30~1000	-6.20	-53.81	\leq -36.2	PASS
			1000~26500	-6.20	-48.53	\leq -36.2	PASS
11N20SISO	Ant1	2412	Reference	-4.89	-4.89	---	PASS
			30~1000	-4.89	-54.65	\leq -34.89	PASS
			1000~26500	-4.89	-48.98	\leq -34.89	PASS
		2437	Reference	-6.00	-6.00	---	PASS
			30~1000	-6.00	-54.02	\leq -36	PASS
			1000~26500	-6.00	-49.29	\leq -36	PASS
		2462	Reference	-5.99	-5.99	---	PASS
			30~1000	-5.99	-54.9	\leq -35.99	PASS
			1000~26500	-5.99	-47.34	\leq -35.99	PASS
11N40SISO	Ant1	2422	Reference	-9.23	-9.23	---	PASS
			30~1000	-9.23	-54.61	\leq -39.23	PASS
			1000~26500	-9.23	-49.1	\leq -39.23	PASS
		2437	Reference	-8.36	-8.36	---	PASS
			30~1000	-8.36	-54.46	\leq -38.36	PASS
			1000~26500	-8.36	-49.38	\leq -38.36	PASS
		2452	Reference	-10.00	-10.00	---	PASS
			30~1000	-10.00	-54.44	\leq -40	PASS
			1000~26500	-10.00	-49.5	\leq -40	PASS
11AX20SISO	Ant1	2412	Reference	-1.09	-1.09	---	PASS
			30~1000	-1.09	-54.1	\leq -31.09	PASS
			1000~26500	-1.09	-48.18	\leq -31.09	PASS
		2437	Reference	-2.15	-2.15	---	PASS
			30~1000	-2.15	-54.8	\leq -32.15	PASS
			1000~26500	-2.15	-49.17	\leq -32.15	PASS
		2462	Reference	0.15	0.15	---	PASS
			30~1000	0.15	-54.66	\leq -29.85	PASS
			1000~26500	0.15	-46.64	\leq -29.85	PASS
11AX40SISO	Ant1	2422	Reference	4.98	4.98	---	PASS
			30~1000	4.98	-49.34	\leq -25.02	PASS
			1000~26500	4.98	-34.04	\leq -25.02	PASS
		2437	Reference	4.41	4.41	---	PASS
			30~1000	4.41	-49.68	\leq -25.59	PASS
			1000~26500	4.41	-35.87	\leq -25.59	PASS
		2452	Reference	4.39	4.39	---	PASS
			30~1000	4.39	-49.73	\leq -25.61	PASS
			1000~26500	4.39	-32.91	\leq -25.61	PASS

11.6.2. Test Graphs

