

AppendixA: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	9.080	2407.440	2416.520	0.5	PASS
11B	Ant1	2437	1Mbps	8.720	2432.480	2441.200	0.5	PASS
11B	Ant1	2462	1Mbps	8.360	2457.520	2465.880	0.5	PASS
11G	Ant1	2412	6Mbps	15.120	2404.440	2419.560	0.5	PASS
11G	Ant1	2437	6Mbps	16.040	2428.840	2444.880	0.5	PASS
11G	Ant1	2462	6Mbps	15.080	2454.440	2469.520	0.5	PASS
11N20SISO	Ant1	2412	MCS0	15.320	2404.480	2419.800	0.5	PASS
11N20SISO	Ant1	2437	MCS0	15.440	2429.120	2444.560	0.5	PASS
11N20SISO	Ant1	2462	MCS0	15.080	2454.480	2469.560	0.5	PASS

Test Graphs





11G-Ant1-2437



11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



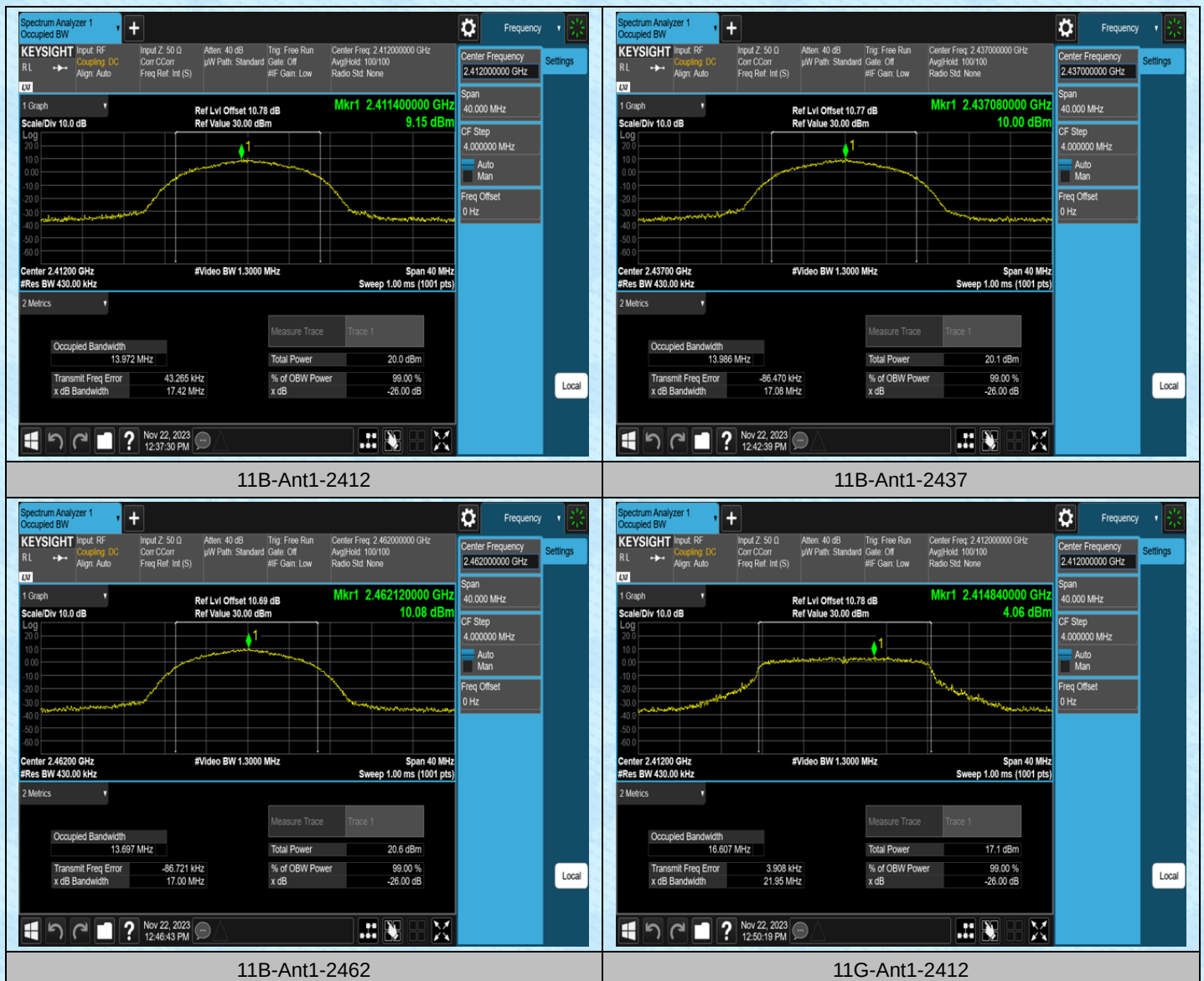
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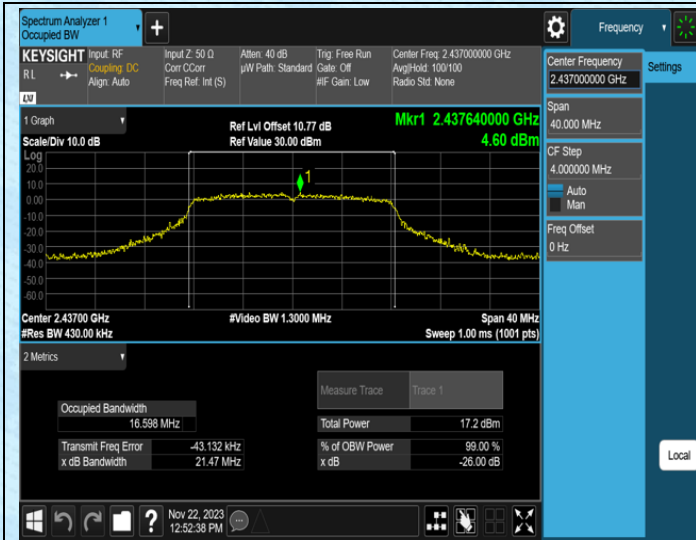
AppendixB: Occupied Channel Bandwidth

Test Result

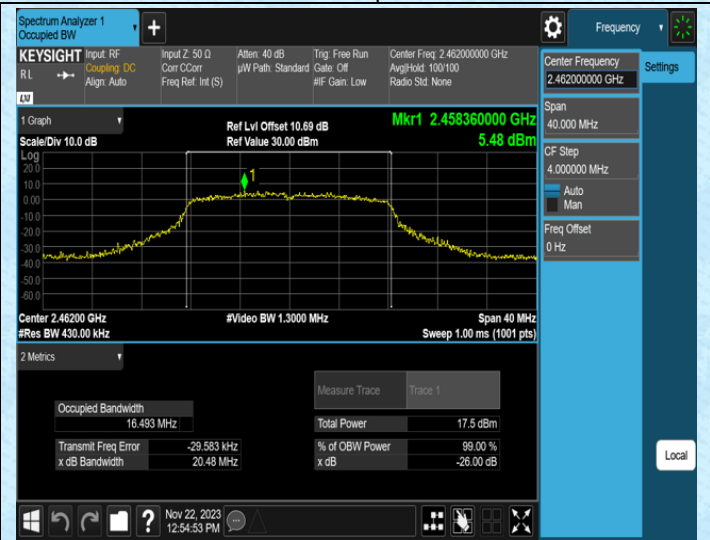
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	13.972	2405.0573	2419.0293	---	---
11B	Ant1	2437	1Mbps	13.986	2429.9205	2443.9065	---	---
11B	Ant1	2462	1Mbps	13.697	2455.0648	2468.7618	---	---
11G	Ant1	2412	6Mbps	16.607	2403.7004	2420.3074	---	---
11G	Ant1	2437	6Mbps	16.598	2428.6579	2445.2559	---	---
11G	Ant1	2462	6Mbps	16.493	2453.7239	2470.2169	---	---
11N20SISO	Ant1	2412	MCS0	17.742	2403.1297	2420.8717	---	---
11N20SISO	Ant1	2437	MCS0	17.773	2428.0864	2445.8594	---	---
11N20SISO	Ant1	2462	MCS0	17.547	2453.1808	2470.7278	---	---

Test Graphs

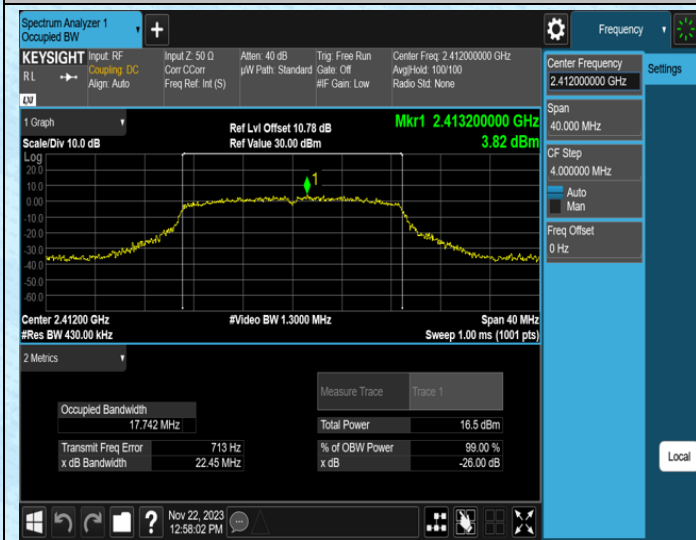




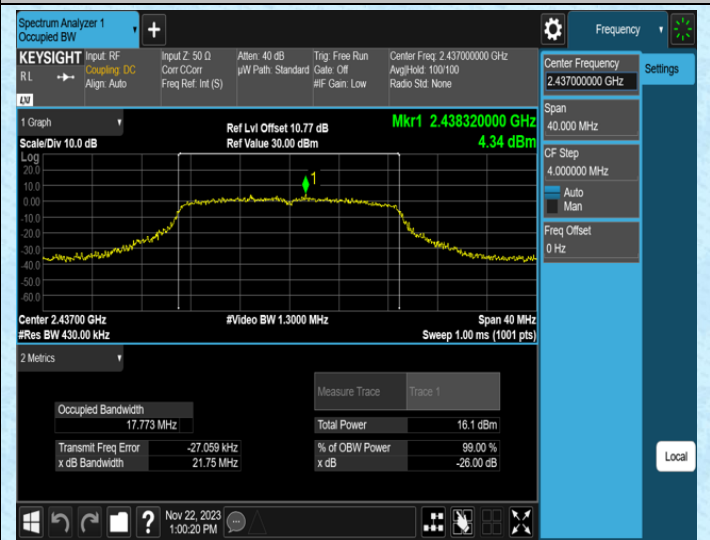
11G-Ant1-2437



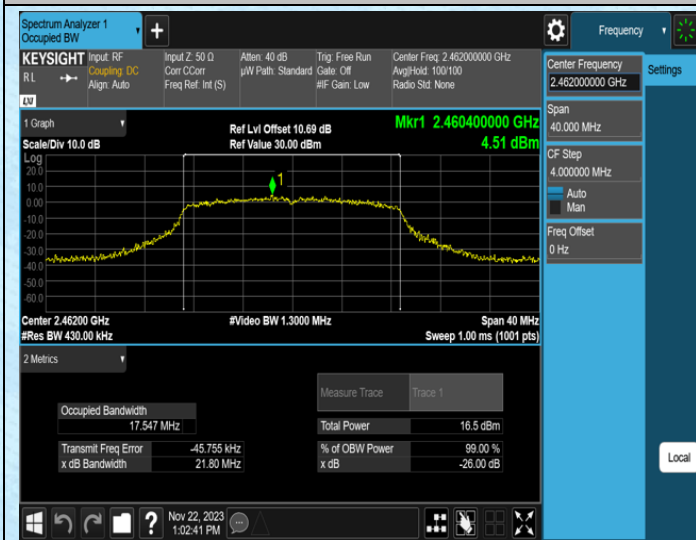
11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



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AppendixC: Maximum conducted output power

Test Result Peak

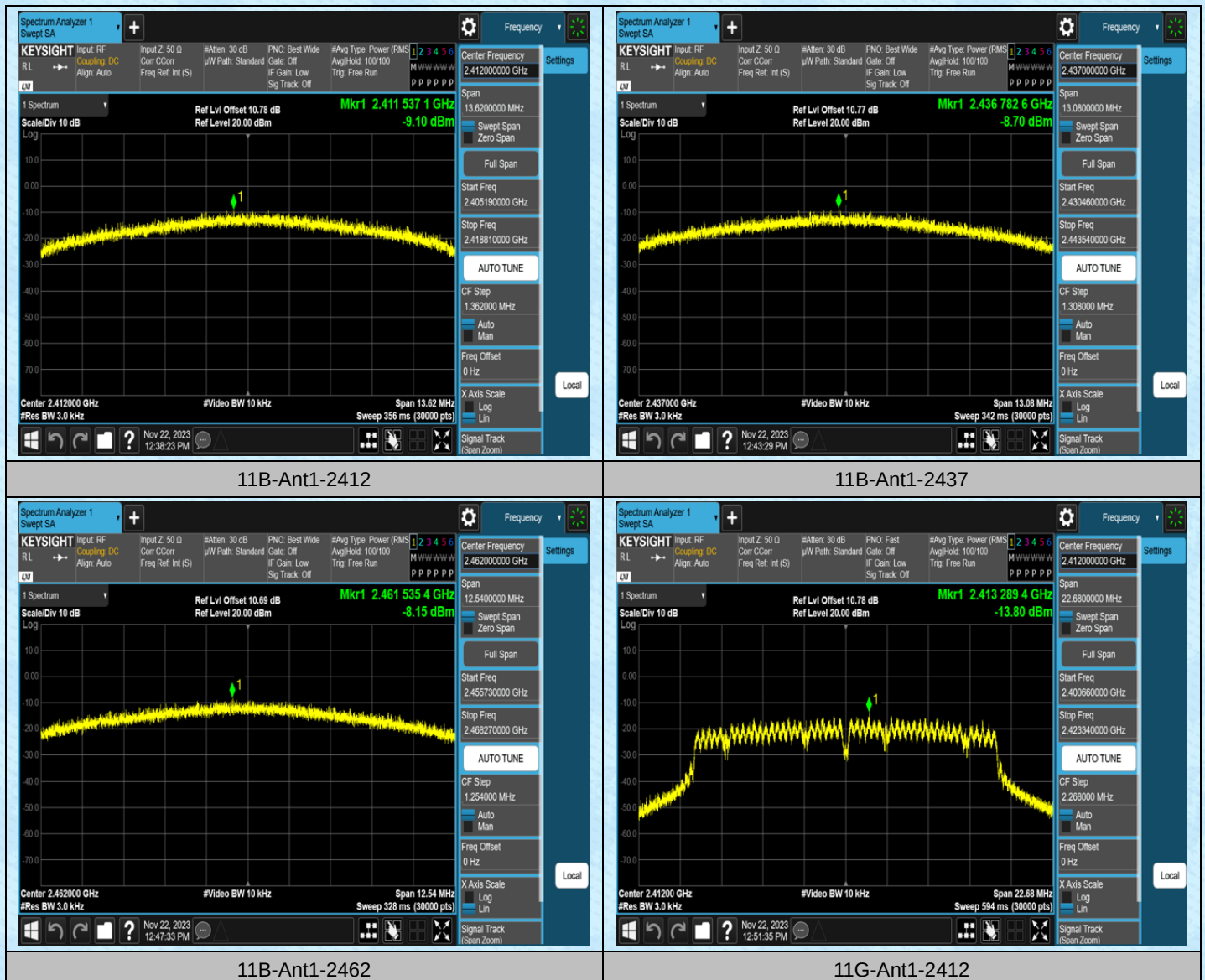
Test Mode	Antenna	Frequency [MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	18.99	≤30.00	PASS
11B	Ant1	2437	1Mbps	18.92	≤30.00	PASS
11B	Ant1	2462	1Mbps	19.42	≤30.00	PASS
11G	Ant1	2412	6Mbps	17.72	≤30.00	PASS
11G	Ant1	2437	6Mbps	18.03	≤30.00	PASS
11G	Ant1	2462	6Mbps	18.23	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	16.86	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	16.72	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	17.05	≤30.00	PASS

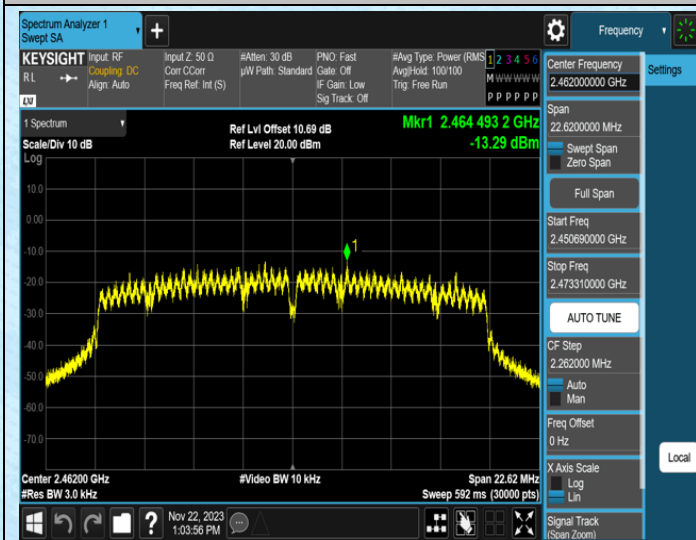
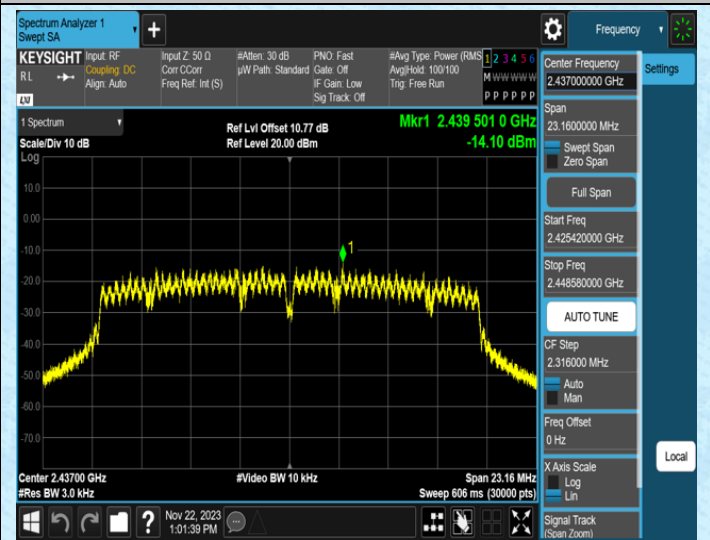
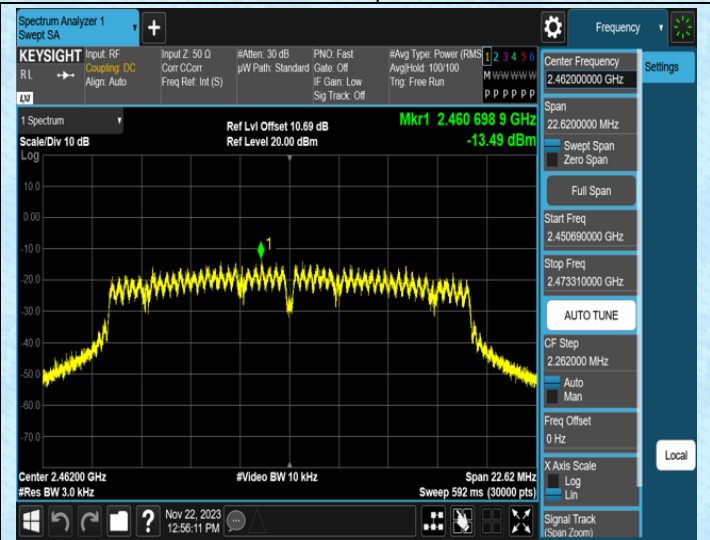
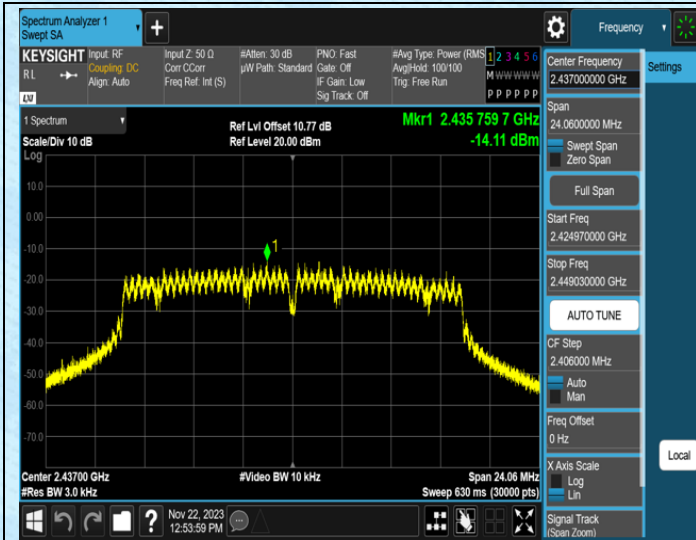
AppendixD: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-9.1	≤8.00	PASS
11B	Ant1	2437	1Mbps	-8.7	≤8.00	PASS
11B	Ant1	2462	1Mbps	-8.15	≤8.00	PASS
11G	Ant1	2412	6Mbps	-13.8	≤8.00	PASS
11G	Ant1	2437	6Mbps	-14.11	≤8.00	PASS
11G	Ant1	2462	6Mbps	-13.49	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-14.19	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-14.1	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-13.29	≤8.00	PASS

Test Graphs



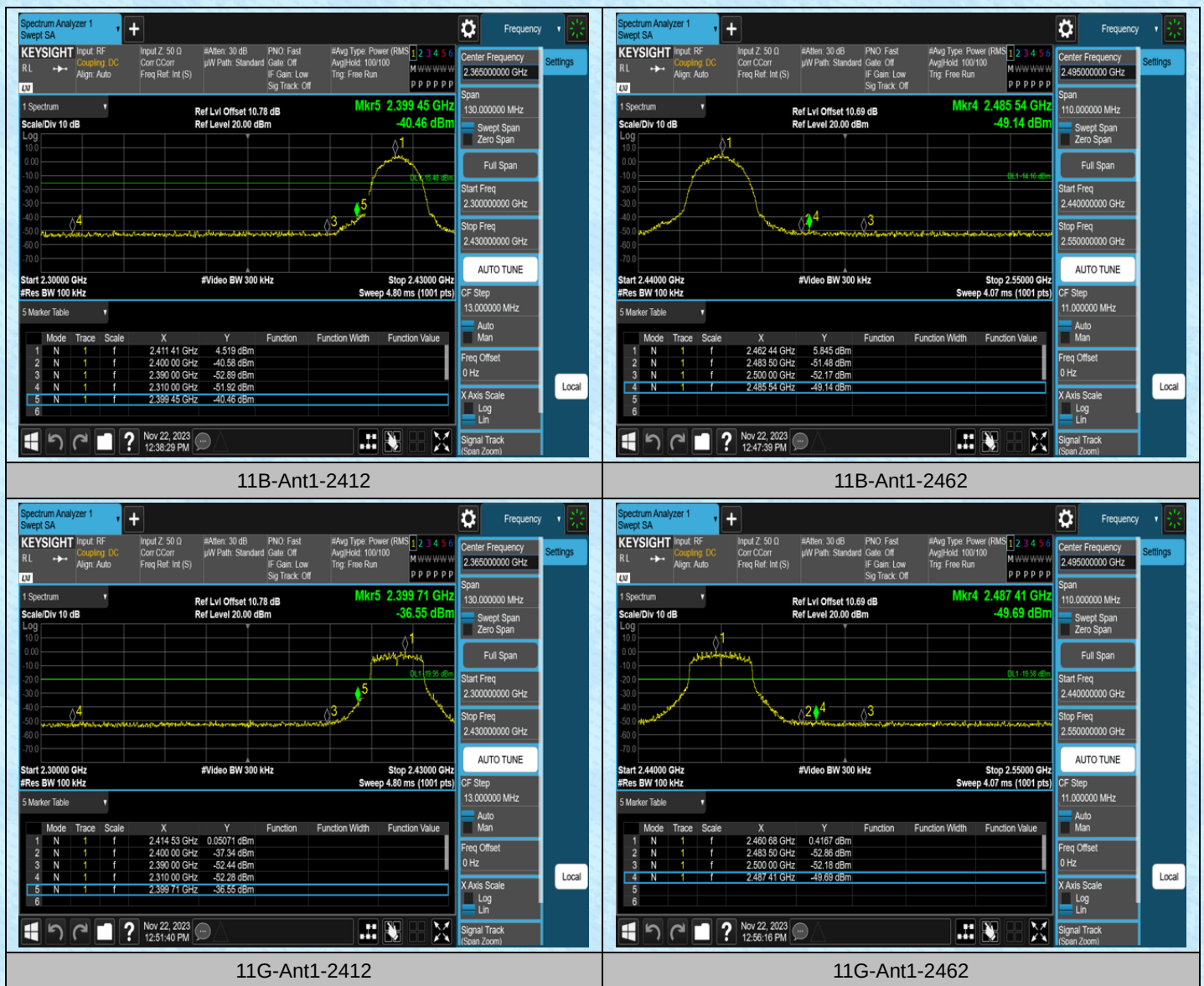


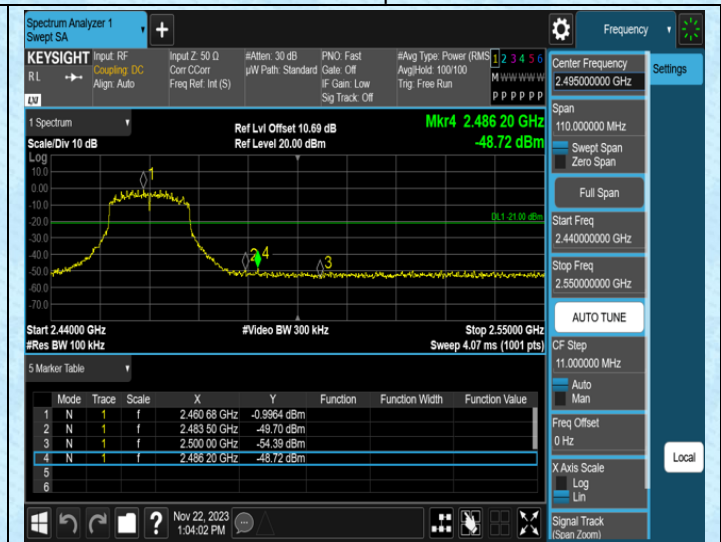
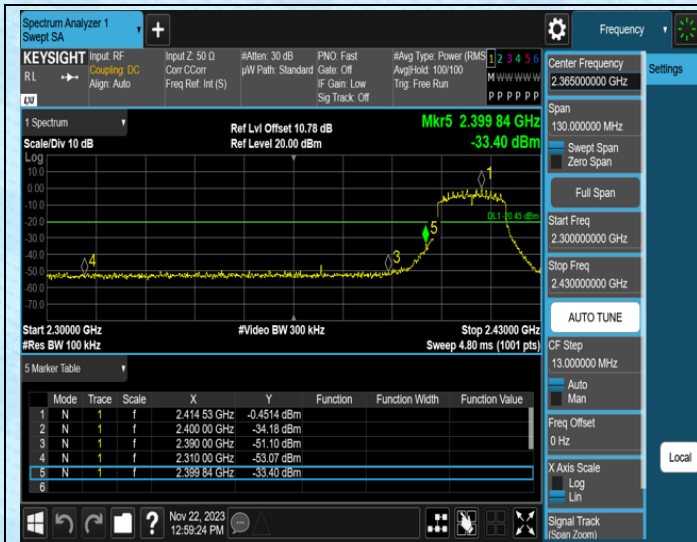
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	4.52	-40.46	≤-15.48	PASS
11B	Ant1	High	2462	1Mbps	5.85	-49.14	≤-14.16	PASS
11G	Ant1	Low	2412	6Mbps	0.05	-36.55	≤-19.95	PASS
11G	Ant1	High	2462	6Mbps	0.42	-49.69	≤-19.58	PASS
11N20SISO	Ant1	Low	2412	MCS0	-0.45	-33.4	≤-20.45	PASS
11N20SISO	Ant1	High	2462	MCS0	-1.00	-48.72	≤-21	PASS

Test Graphs





AppendixF:Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	0~Reference	4.79	4.79	---	PASS
11B	Ant1	2412	1Mbps	30~1000	4.79	-62.12	≤-15.21	PASS
11B	Ant1	2412	1Mbps	1000~26500	4.79	-49.77	≤-15.21	PASS
11B	Ant1	2437	1Mbps	0~Reference	5.21	5.21	---	PASS
11B	Ant1	2437	1Mbps	30~1000	5.21	-61.58	≤-14.79	PASS
11B	Ant1	2437	1Mbps	1000~26500	5.21	-47.12	≤-14.79	PASS
11B	Ant1	2462	1Mbps	0~Reference	5.77	5.77	---	PASS
11B	Ant1	2462	1Mbps	30~1000	5.77	-62.79	≤-14.23	PASS
11B	Ant1	2462	1Mbps	1000~26500	5.77	-49.92	≤-14.23	PASS
11G	Ant1	2412	6Mbps	0~Reference	-0.01	-0.01	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-0.01	-62.24	≤-20.01	PASS
11G	Ant1	2412	6Mbps	1000~26500	-0.01	-49.98	≤-20.01	PASS
11G	Ant1	2437	6Mbps	0~Reference	-0.07	-0.07	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-0.07	-61.43	≤-20.07	PASS
11G	Ant1	2437	6Mbps	1000~26500	-0.07	-49.74	≤-20.07	PASS
11G	Ant1	2462	6Mbps	0~Reference	0.36	0.36	---	PASS
11G	Ant1	2462	6Mbps	30~1000	0.36	-61.7	≤-19.64	PASS
11G	Ant1	2462	6Mbps	1000~26500	0.36	-50.79	≤-19.64	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-0.45	-0.45	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-0.45	-62.32	≤-20.45	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-0.45	-50.33	≤-20.45	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-1.05	-1.05	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-1.05	-62.26	≤-21.05	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-1.05	-50.03	≤-21.05	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-0.36	-0.36	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-0.36	-61.83	≤-20.36	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-0.36	-48.68	≤-20.36	PASS