

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	9.600	2406.960	2416.560	0.5	PASS
11B	Ant1	2437	1Mbps	10.080	2431.960	2442.040	0.5	PASS
11B	Ant1	2462	1Mbps	10.000	2456.960	2466.960	0.5	PASS
11G	Ant1	2412	6Mbps	16.320	2403.840	2420.160	0.5	PASS
11G	Ant1	2437	6Mbps	16.320	2428.840	2445.160	0.5	PASS
11G	Ant1	2462	6Mbps	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	MCS0	16.680	2403.480	2420.160	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.040	2428.480	2445.520	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.520	2453.240	2470.760	0.5	PASS
11N40SISO	Ant1	2422	MCS0	35.040	2404.480	2439.520	0.5	PASS
11N40SISO	Ant1	2437	MCS0	35.040	2419.480	2454.520	0.5	PASS
11N40SISO	Ant1	2452	MCS0	35.120	2434.480	2469.600	0.5	PASS

Test Graphs



11B-Ant1-2412-PASS



11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



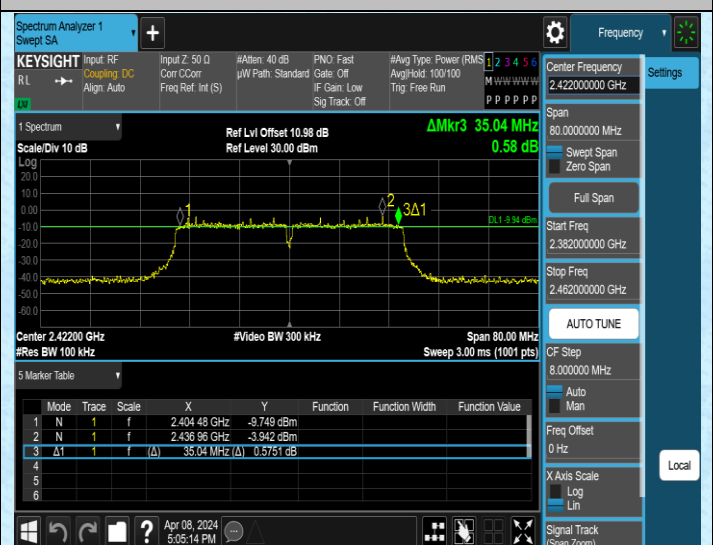
11G-Ant1-2437-PASS



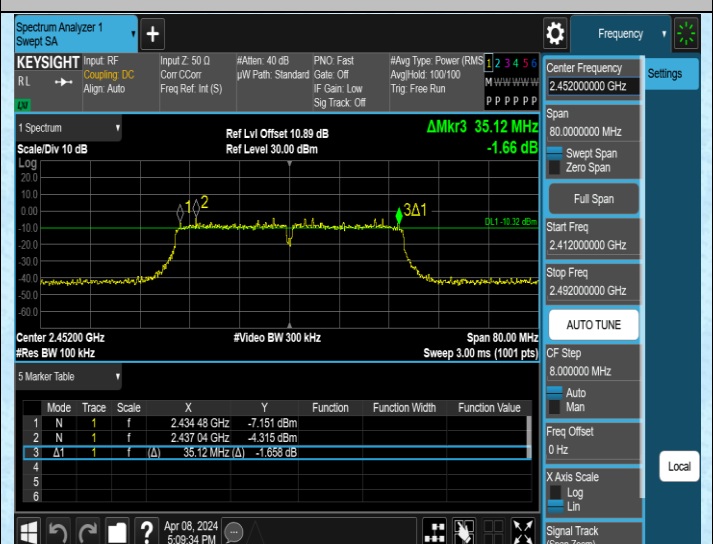
11G-Ant1-2462-PASS



11N20SISO-Ant1-2437-PASS



11N40SISO-Ant1-2422-PASS

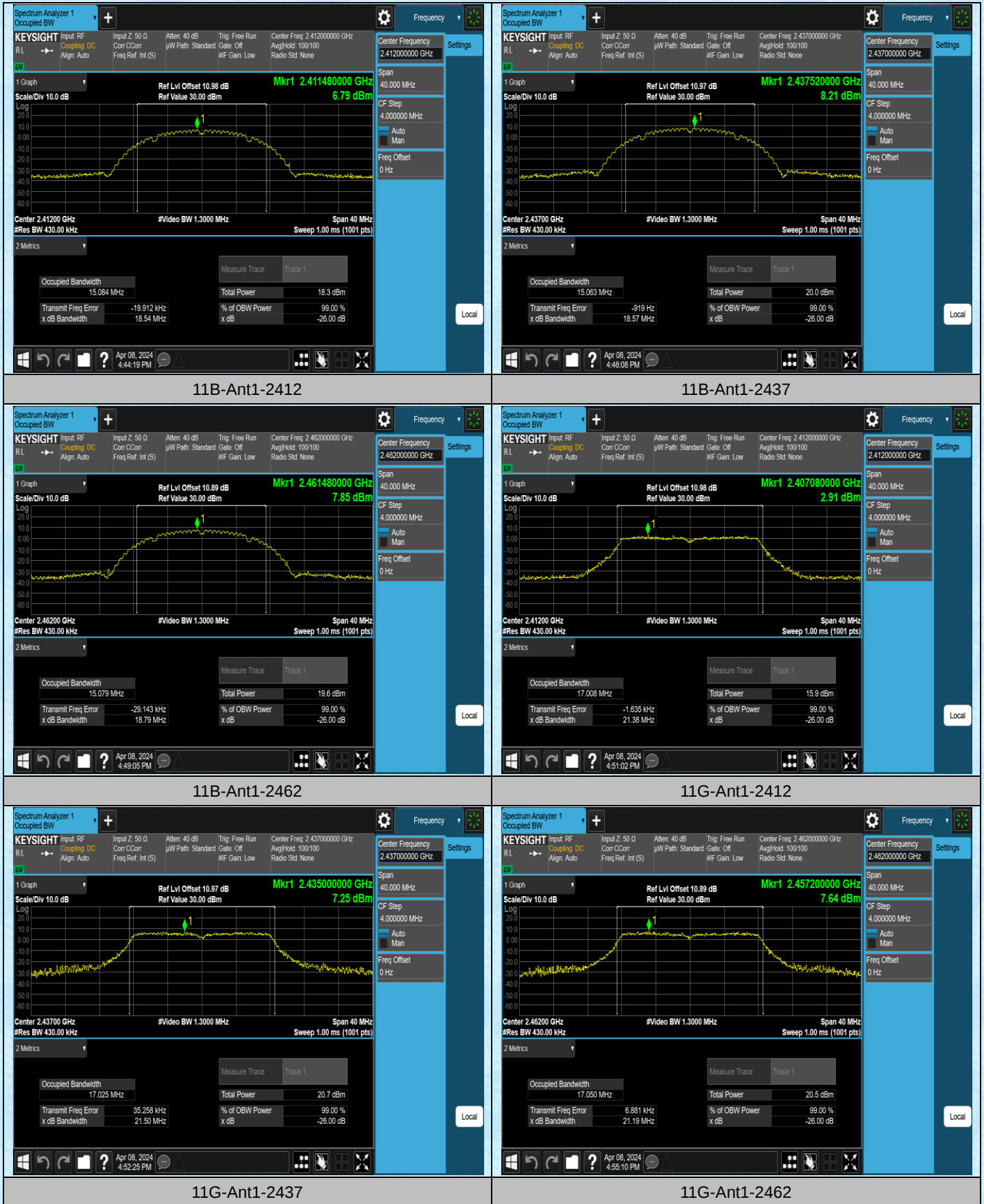


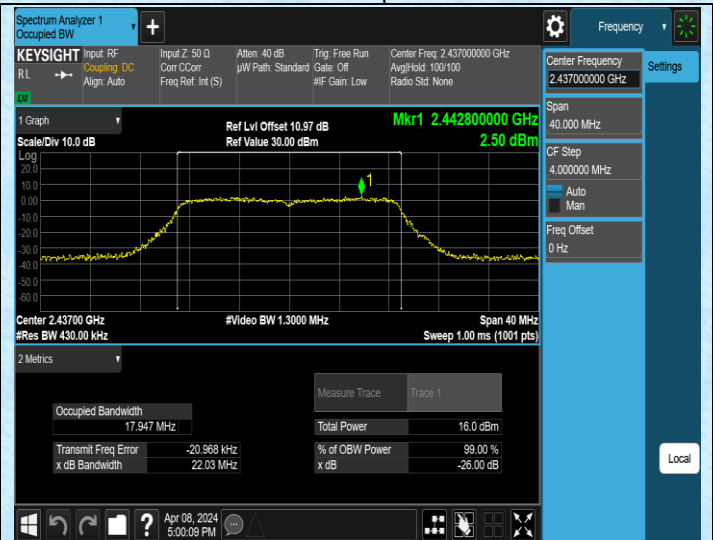
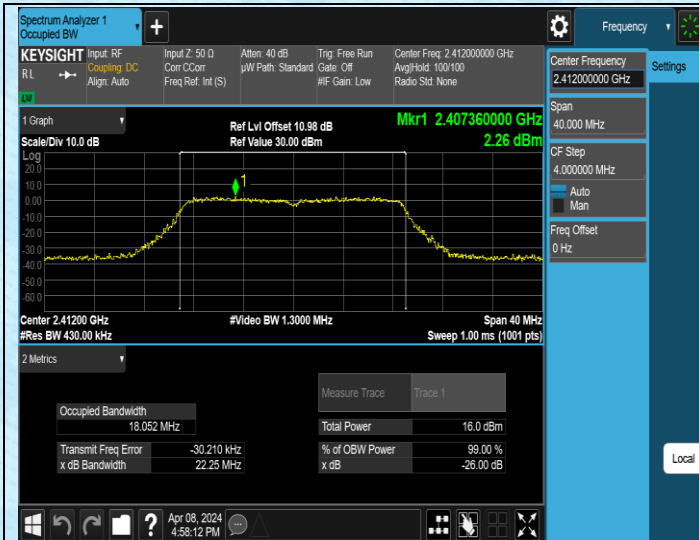
11N40SISO-Ant1-2452-PASS

AppendixB: Occupied Channel Bandwidth**Test Result**

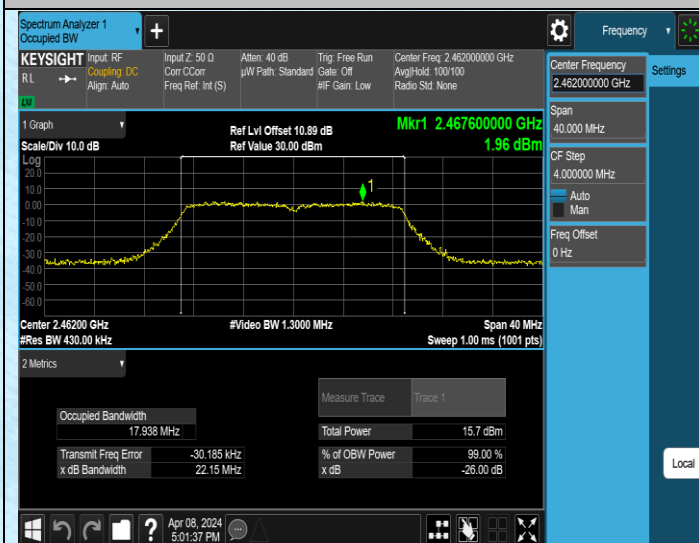
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	1Mbps	15.084	2404.4381	2419.5221
11B	Ant1	2437	1Mbps	15.063	2429.4676	2444.5306
11B	Ant1	2462	1Mbps	15.079	2454.4314	2469.5104
11G	Ant1	2412	6Mbps	17.008	2403.4944	2420.5024
11G	Ant1	2437	6Mbps	17.025	2428.5228	2445.5478
11G	Ant1	2462	6Mbps	17.050	2453.4819	2470.5319
11N20SISO	Ant1	2412	MCS0	18.052	2402.9438	2420.9958
11N20SISO	Ant1	2437	MCS0	17.947	2428.0055	2445.9525
11N20SISO	Ant1	2462	MCS0	17.938	2453.0008	2470.9388
11N40SISO	Ant1	2422	MCS0	36.386	2403.8121	2440.1981
11N40SISO	Ant1	2437	MCS0	36.350	2418.8378	2455.1878
11N40SISO	Ant1	2452	MCS0	36.321	2433.7659	2470.0869

Test Graphs

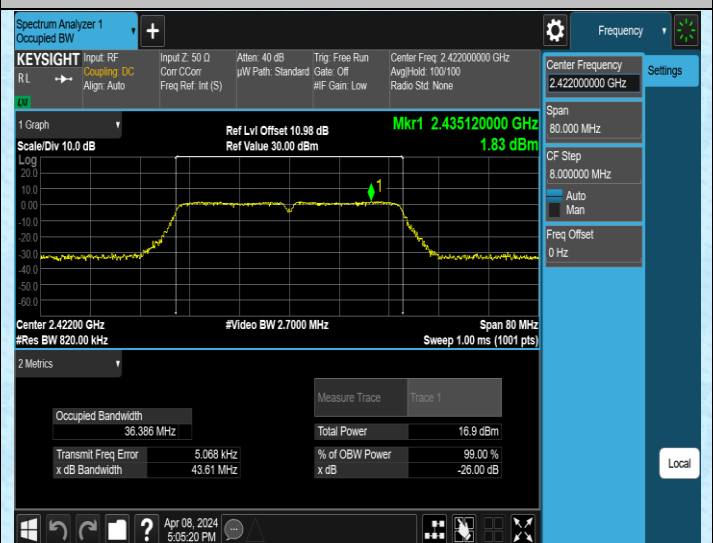




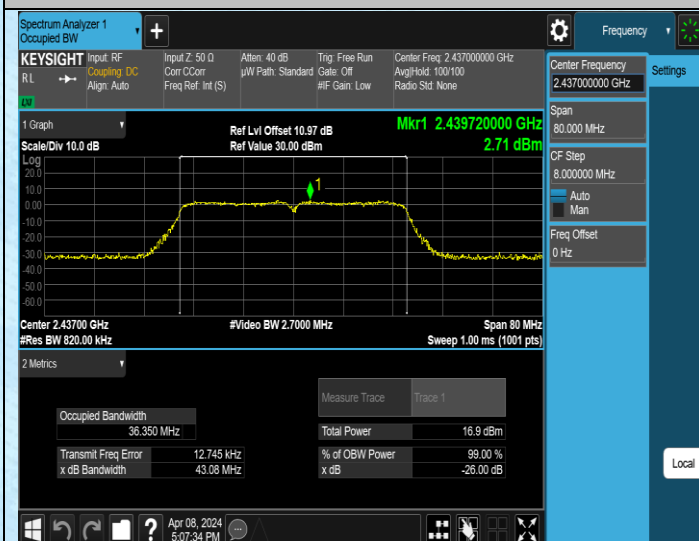
11N20SISO-Ant1-2412



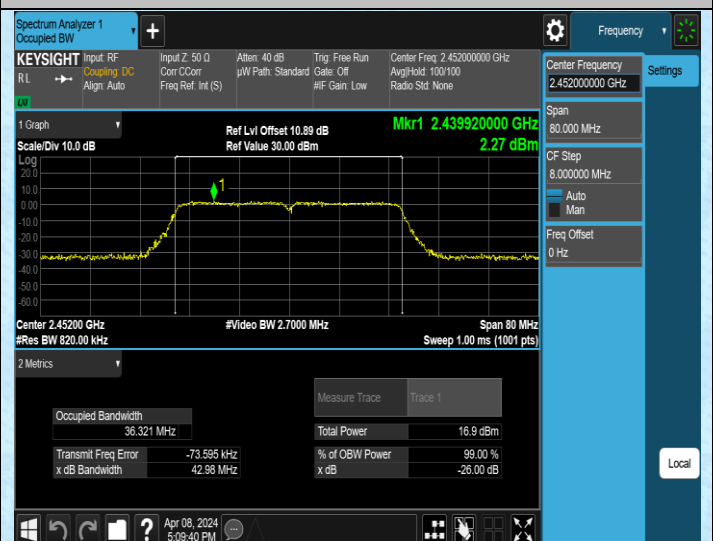
11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437

11N40SISO-Ant1-2452

AppendixC: Maximum conducted output power**Test Result**

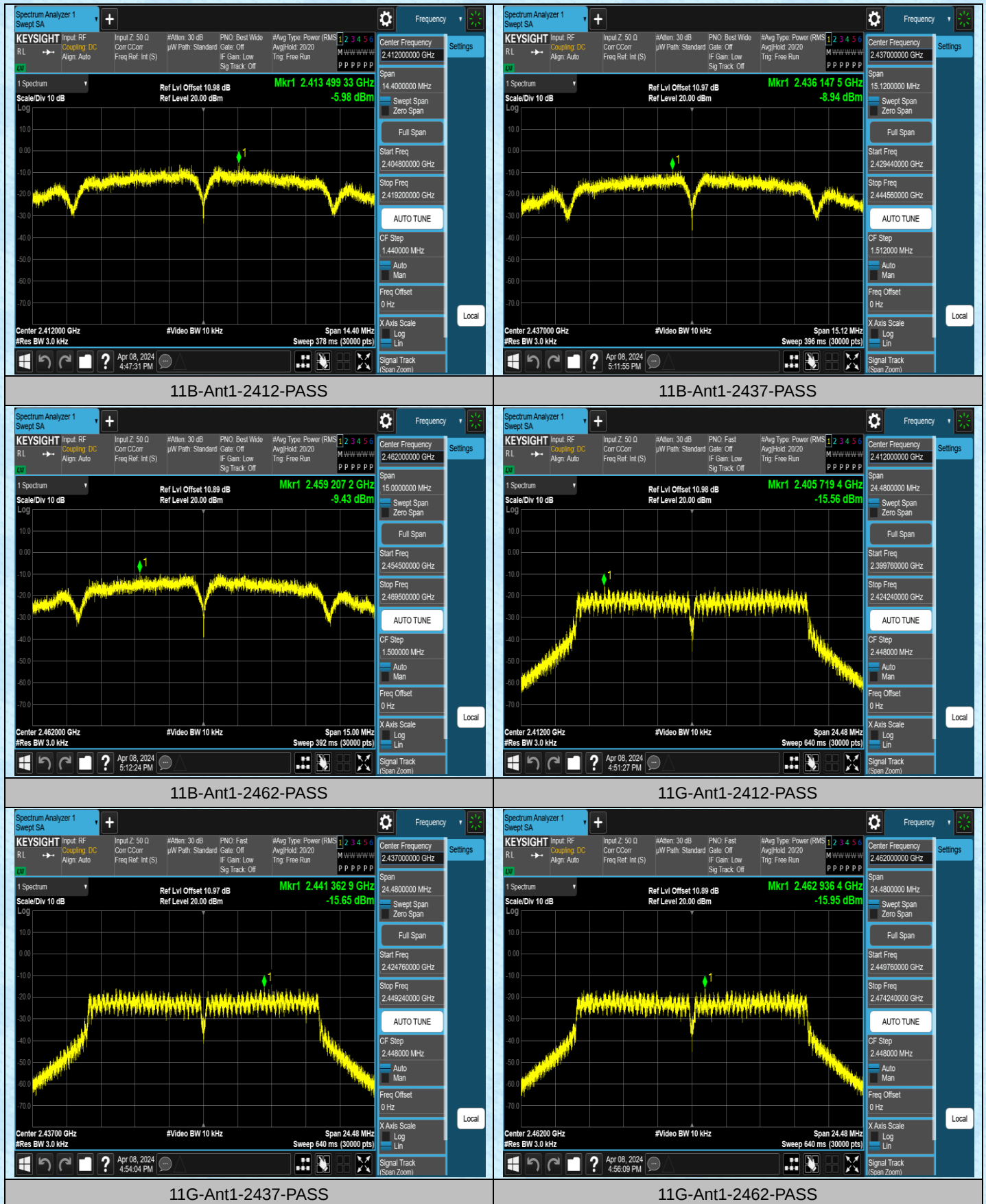
Test Mode	Antenna	Frequency [MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	18.13	≤30.00	PASS
11B	Ant1	2437	1Mbps	17.68	≤30.00	PASS
11B	Ant1	2462	1Mbps	17.43	≤30.00	PASS
11G	Ant1	2412	6Mbps	17.15	≤30.00	PASS
11G	Ant1	2437	6Mbps	17.19	≤30.00	PASS
11G	Ant1	2462	6Mbps	16.92	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	16.94	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	16.99	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	16.91	≤30.00	PASS
11N40SISO	Ant1	2422	MCS0	17.17	≤30.00	PASS
11N40SISO	Ant1	2437	MCS0	17.14	≤30.00	PASS
11N40SISO	Ant1	2452	MCS0	17.06	≤30.00	PASS

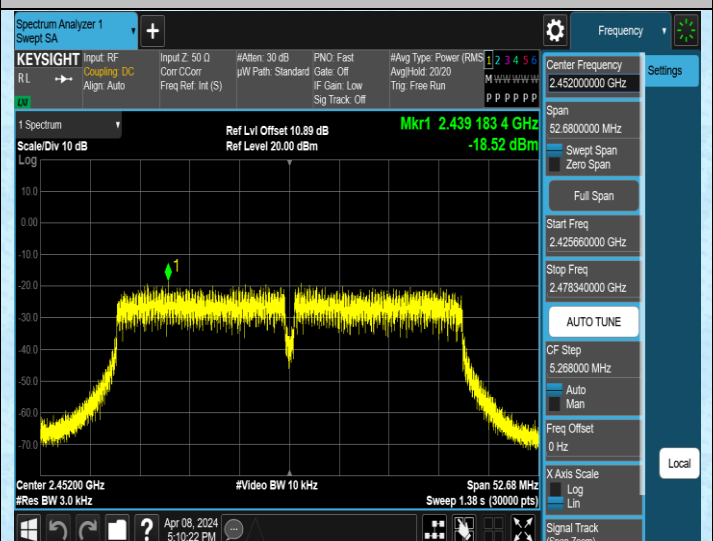
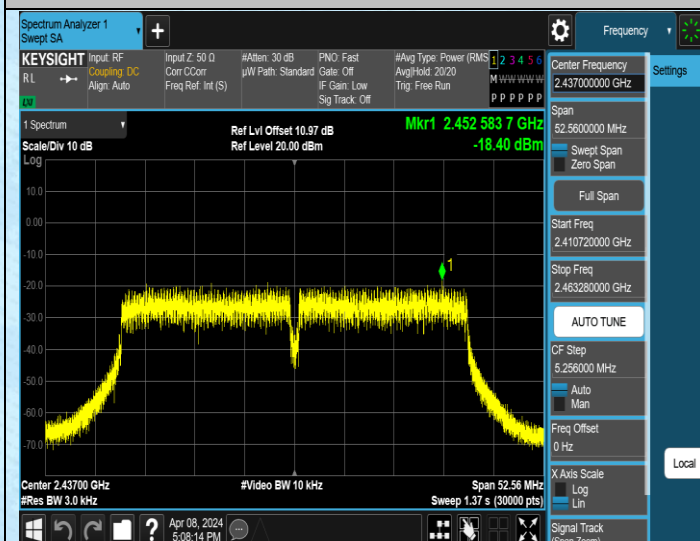
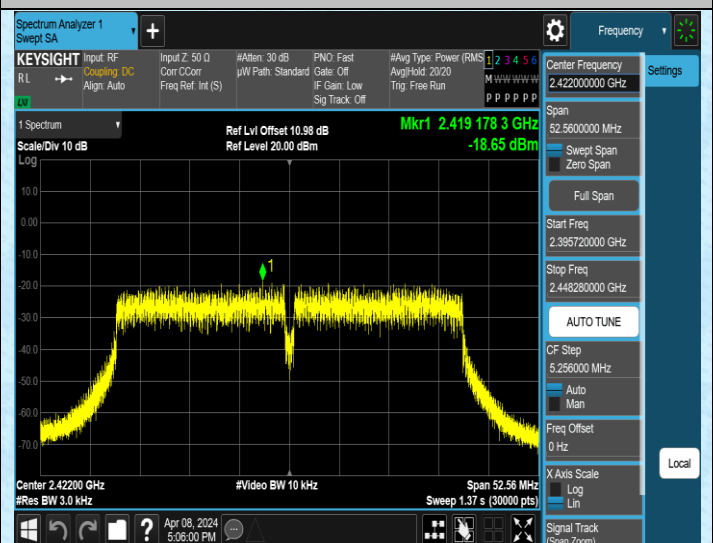
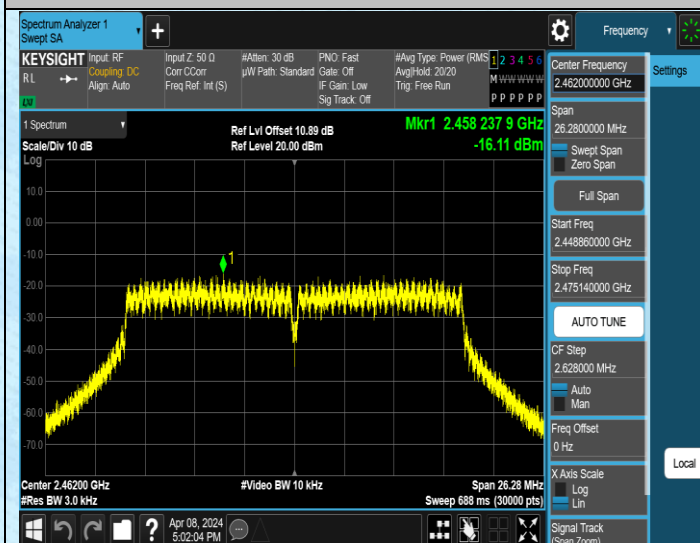
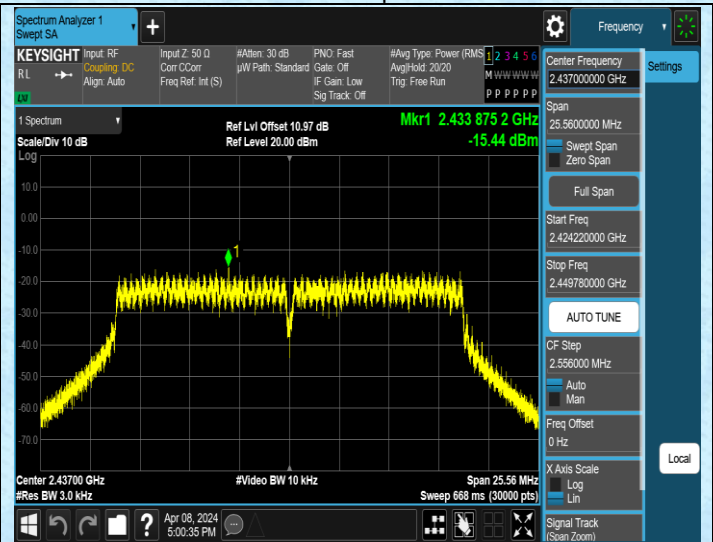
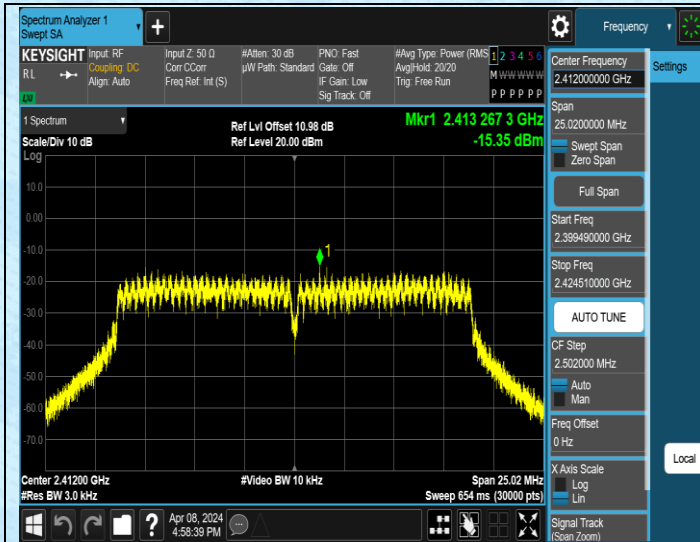
AppendixD: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-5.98	≤8.00	PASS
11B	Ant1	2437	1Mbps	-8.94	≤8.00	PASS
11B	Ant1	2462	1Mbps	-9.43	≤8.00	PASS
11G	Ant1	2412	6Mbps	-15.56	≤8.00	PASS
11G	Ant1	2437	6Mbps	-15.65	≤8.00	PASS
11G	Ant1	2462	6Mbps	-15.95	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-15.35	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-15.44	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-16.11	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-18.65	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-18.41	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-18.52	≤8.00	PASS

Test Graphs



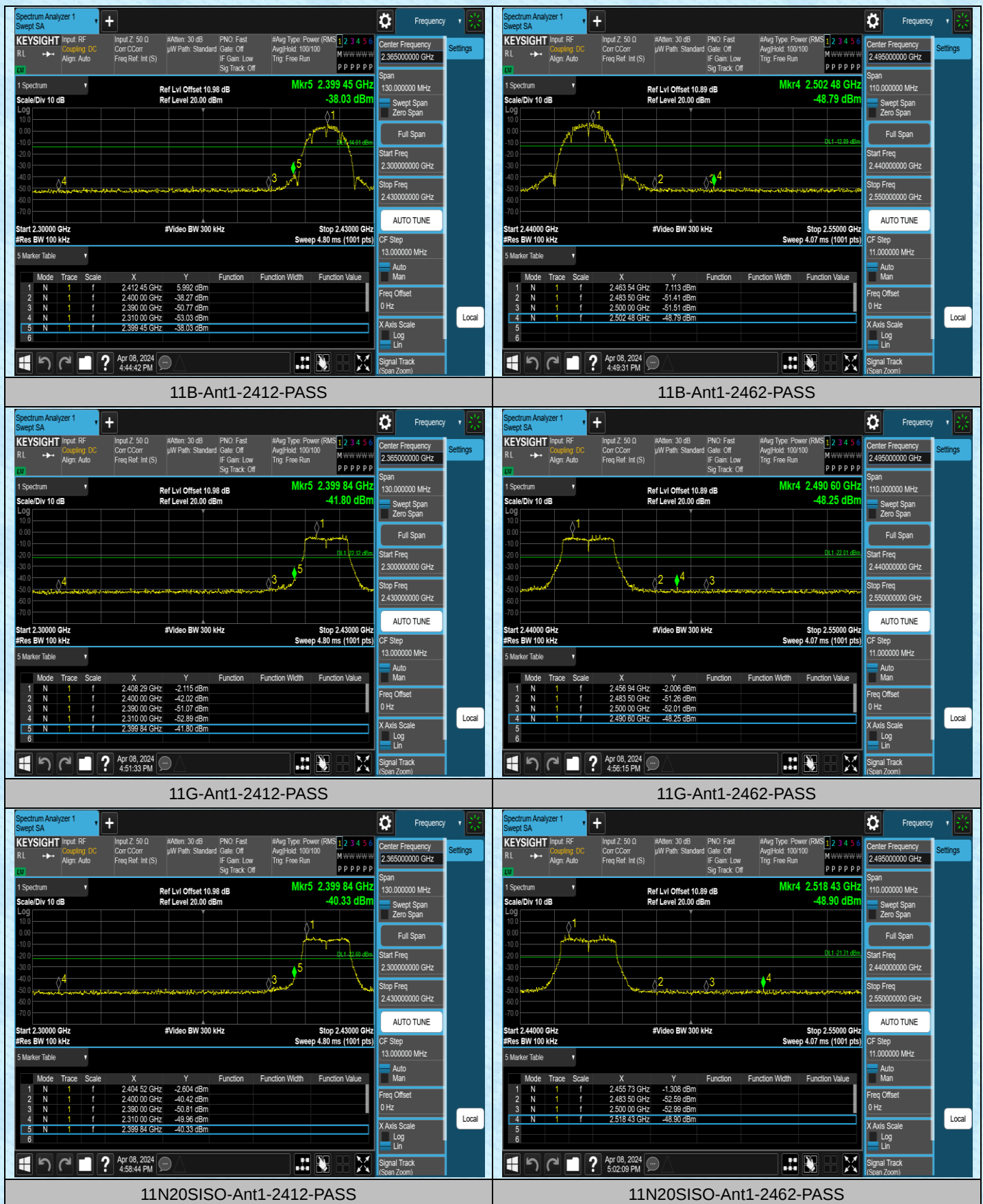


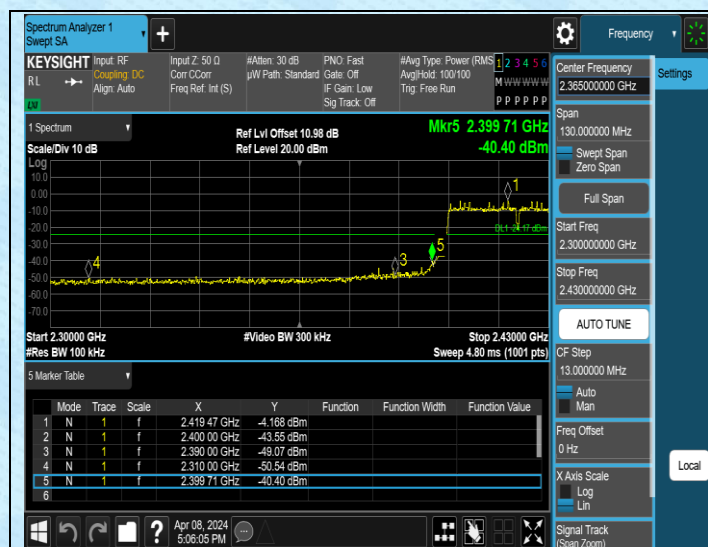
AppendixE:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	5.99	-38.03	≤-14.01	PASS
11B	Ant1	High	2462	1Mbps	7.11	-48.79	≤-12.89	PASS
11G	Ant1	Low	2412	6Mbps	-2.12	-41.8	≤-22.12	PASS
11G	Ant1	High	2462	6Mbps	-2.01	-48.25	≤-22.01	PASS
11N20SISO	Ant1	Low	2412	MCS0	-2.60	-40.33	≤-22.6	PASS
11N20SISO	Ant1	High	2462	MCS0	-1.31	-48.9	≤-21.31	PASS
11N40SISO	Ant1	Low	2422	MCS0	-4.17	-40.4	≤-24.17	PASS
11N40SISO	Ant1	High	2452	MCS0	-4.49	-48.11	≤-24.49	PASS

Test Graphs





11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS

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	5.30	5.30	---	PASS
11B	Ant1	2412	1Mbps	30~1000	5.30	-61.69	≤-14.7	PASS
11B	Ant1	2412	1Mbps	1000~26500	5.30	-50.59	≤-14.7	PASS
11B	Ant1	2437	1Mbps	0~Reference	7.38	7.38	---	PASS
11B	Ant1	2437	1Mbps	30~1000	7.38	-61.05	≤-12.62	PASS
11B	Ant1	2437	1Mbps	1000~26500	7.38	-49.95	≤-12.62	PASS
11B	Ant1	2462	1Mbps	0~Reference	7.68	7.68	---	PASS
11B	Ant1	2462	1Mbps	30~1000	7.68	-62.62	≤-12.32	PASS
11B	Ant1	2462	1Mbps	1000~26500	7.68	-50.45	≤-12.32	PASS
11G	Ant1	2412	6Mbps	0~Reference	-2.27	-2.27	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-2.27	-60.78	≤-22.27	PASS
11G	Ant1	2412	6Mbps	1000~26500	-2.27	-50.33	≤-22.27	PASS
11G	Ant1	2437	6Mbps	0~Reference	-1.28	-1.28	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-1.28	-61.25	≤-21.28	PASS
11G	Ant1	2437	6Mbps	1000~26500	-1.28	-48.77	≤-21.28	PASS
11G	Ant1	2462	6Mbps	0~Reference	-2.17	-2.17	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-2.17	-61.74	≤-22.17	PASS
11G	Ant1	2462	6Mbps	1000~26500	-2.17	-50.68	≤-22.17	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-2.09	-2.09	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-2.09	-61.21	≤-22.09	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-2.09	-49.67	≤-22.09	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-2.38	-2.38	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-2.38	-62	≤-22.38	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-2.38	-50.25	≤-22.38	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-2.35	-2.35	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-2.35	-62.24	≤-22.35	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-2.35	-50.32	≤-22.35	PASS
11N40SISO	Ant1	2422	MCS0	0~Reference	-3.98	-3.98	---	PASS
11N40SISO	Ant1	2422	MCS0	30~1000	-3.98	-62.34	≤-23.98	PASS
11N40SISO	Ant1	2422	MCS0	1000~26500	-3.98	-49.39	≤-23.98	PASS
11N40SISO	Ant1	2437	MCS0	0~Reference	-4.27	-4.27	---	PASS
11N40SISO	Ant1	2437	MCS0	30~1000	-4.27	-61.24	≤-24.27	PASS
11N40SISO	Ant1	2437	MCS0	1000~26500	-4.27	-49.43	≤-24.27	PASS
11N40SISO	Ant1	2452	MCS0	0~Reference	-4.41	-4.41	---	PASS
11N40SISO	Ant1	2452	MCS0	30~1000	-4.41	-61.72	≤-24.41	PASS
11N40SISO	Ant1	2452	MCS0	1000~26500	-4.41	-50.16	≤-24.41	PASS

Test Graphs

