AppendixA: DTS Bandwidth

Test Result

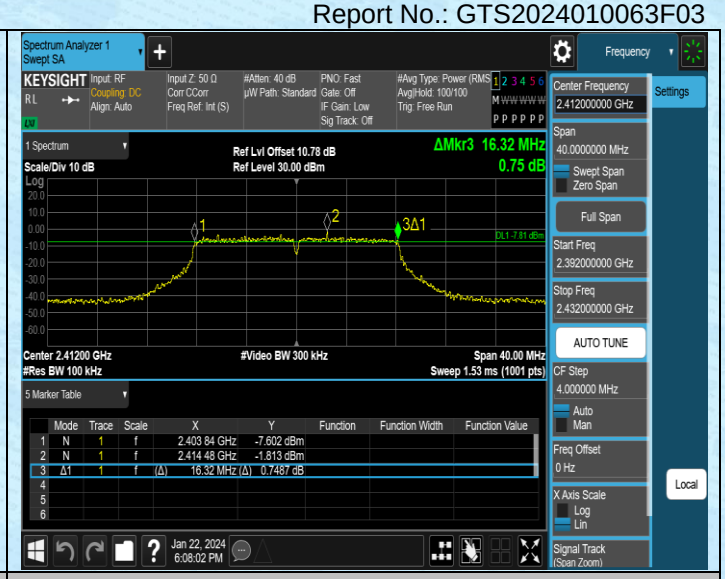
Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	9.080	2407.480	2417.040	0.5	PASS
11B	Ant1	2437	1Mbps	9.560	2432.000	2441.560	0.5	PASS
11B	Ant1	2462	1Mbps	8.560	2457.480	2466.040	0.5	PASS
11G	Ant1	2412	6Mbps	16.320	2403.840	2420.160	0.5	PASS
11G	Ant1	2437	6Mbps	16.320	2428.840	2445.160	0.5	PASS
11G	Ant1	2462	6Mbps	16.080	2453.840	2469.920	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.520	2403.240	2420.760	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.040	2428.520	2445.560	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.480	2453.480	2470.160	0.5	PASS
11N40SISO	Ant1	2422	MCS0	34.400	2405.120	2439.520	0.5	PASS
11N40SISO	Ant1	2437	MCS0	34.000	2420.520	2454.520	0.5	PASS
11N40SISO	Ant1	2452	MCS0	32.720	2435.680	2468.400	0.5	PASS

Test Graphs

11B-Ant1-2412-PASS

11B-Ant1-2437-PASS

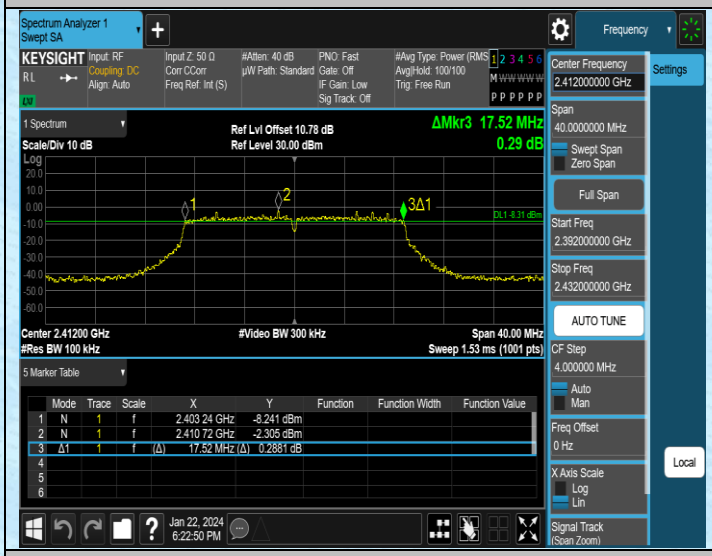
11B-Ant1-2462-PASS



11G-Ant1-2412-PASS

11G-Ant1-2437-PASS

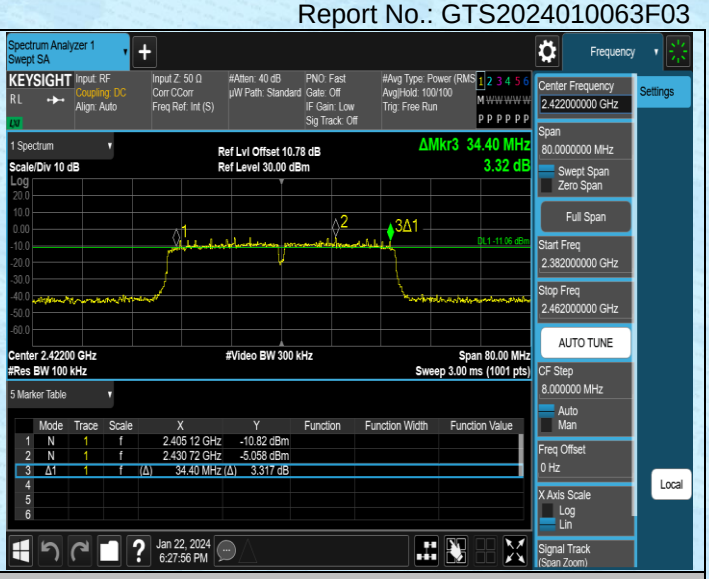
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS

11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2437-PASS

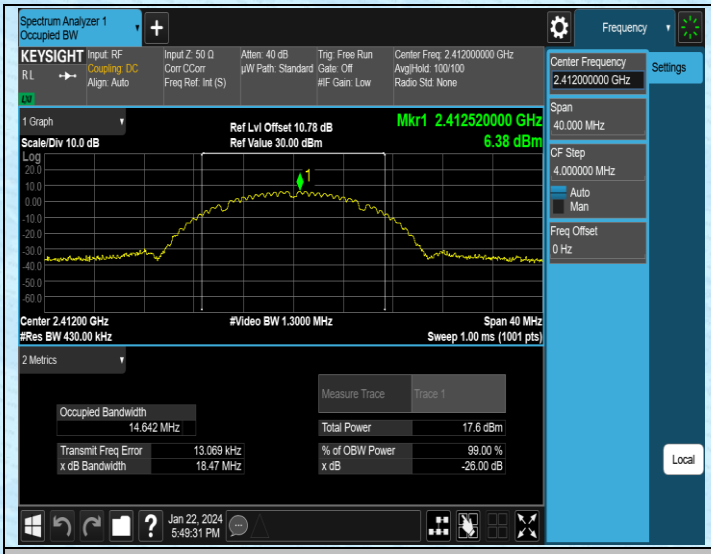
11N40SISO-Ant1-2452-PASS

AppendixB: Occupied Channel Bandwidth

Test Result

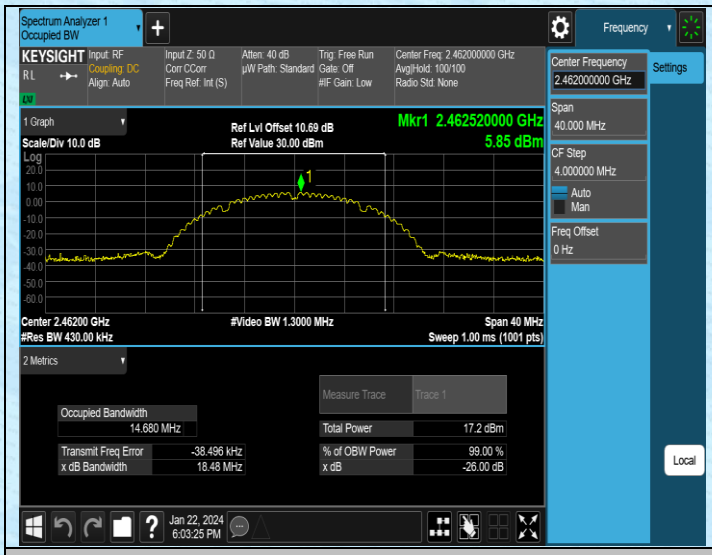
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	14.642	2404.6921	2419.3341	---	---
11B	Ant1	2437	1Mbps	14.672	2429.6683	2444.3403	---	---
11B	Ant1	2462	1Mbps	14.680	2454.6215	2469.3015	---	---
11G	Ant1	2412	6Mbps	17.041	2403.5235	2420.5645	---	---
11G	Ant1	2437	6Mbps	16.921	2428.5584	2445.4794	---	---
11G	Ant1	2462	6Mbps	17.020	2453.5162	2470.5362	---	---
11N20SISO	Ant1	2412	MCS0	17.965	2403.0660	2421.0310	---	---
11N20SISO	Ant1	2437	MCS0	18.069	2427.9703	2446.0393	---	---
11N20SISO	Ant1	2462	MCS0	17.981	2452.9949	2470.9759	---	---
11N40SISO	Ant1	2422	MCS0	35.861	2404.1031	2439.9641	---	---
11N40SISO	Ant1	2437	MCS0	35.827	2419.1052	2454.9322	---	---
11N40SISO	Ant1	2452	MCS0	35.849	2434.0896	2469.9386	---	---

Test Graphs

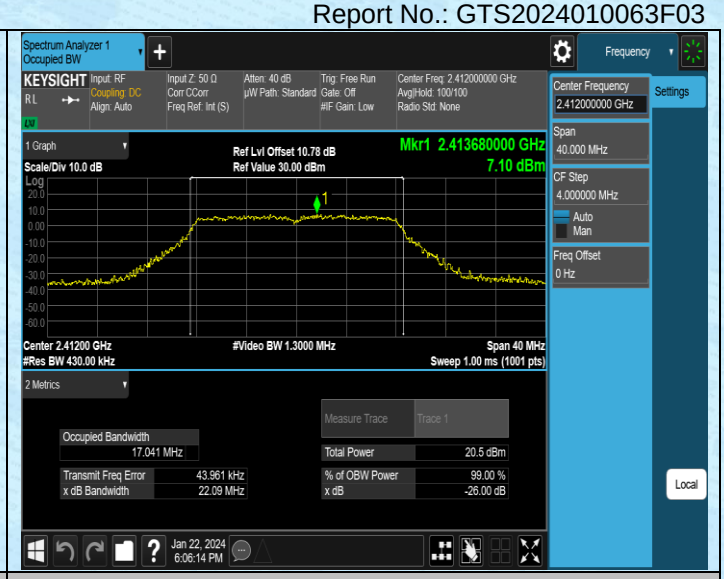


11B-Ant1-2412

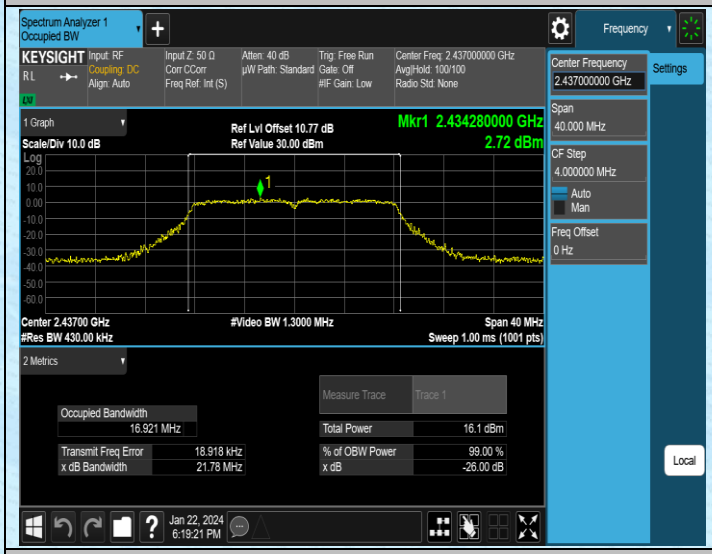
11B-Ant1-2437



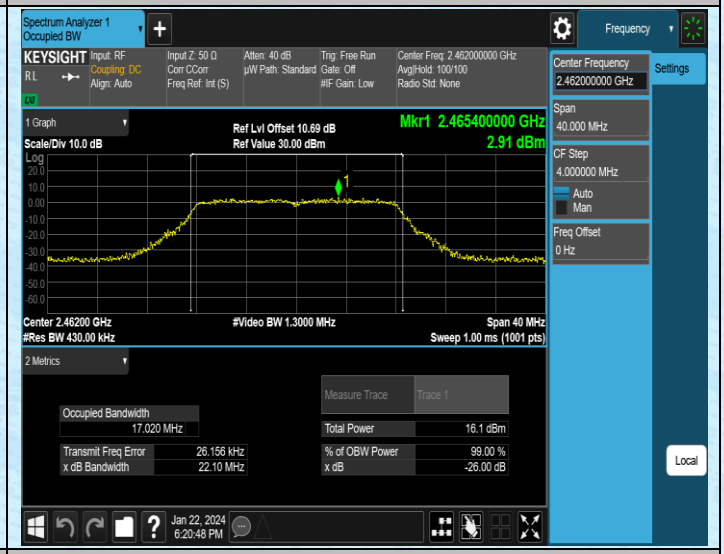
11B-Ant1-2462



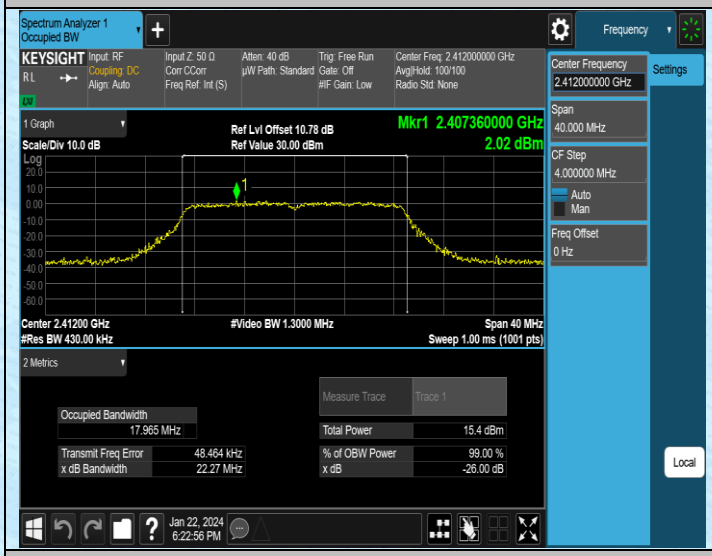
11G-Ant1-2412



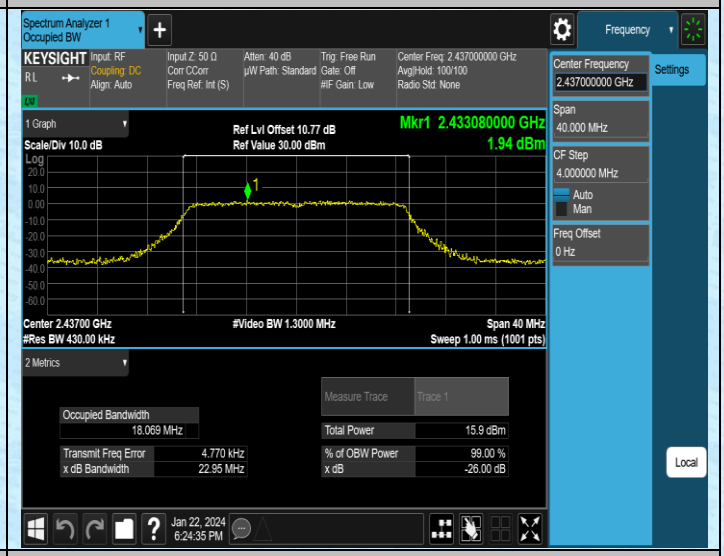
11G-Ant1-2437



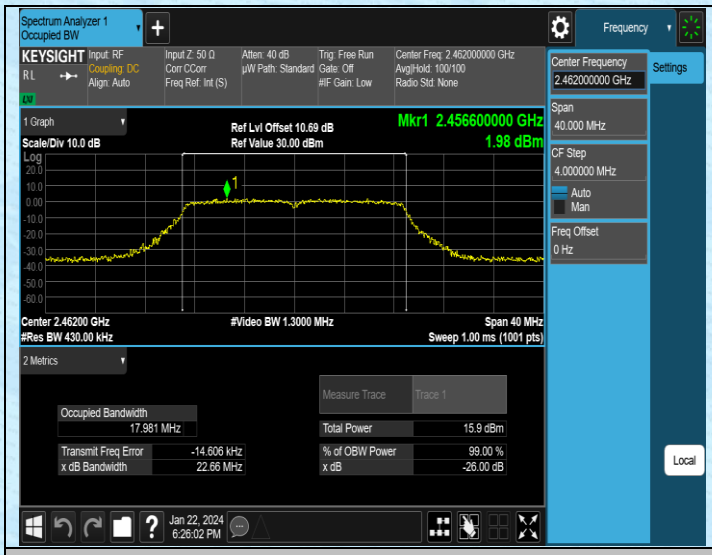
11G-Ant1-2462



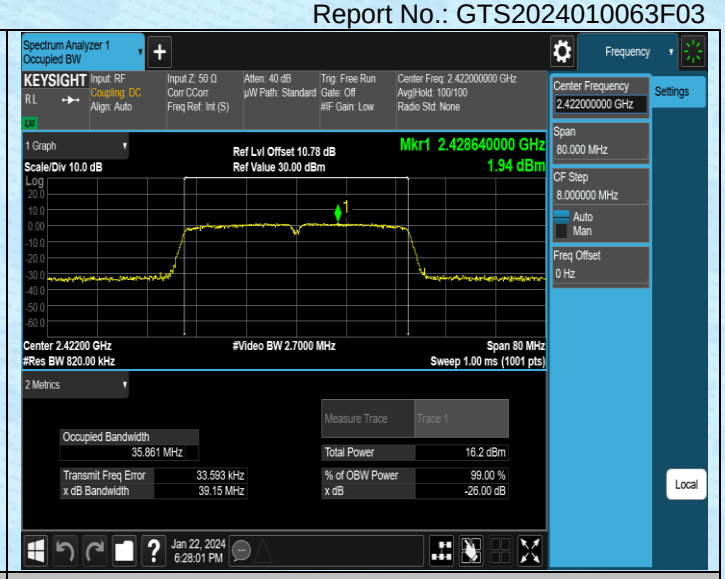
11N20SISO-Ant1-2412



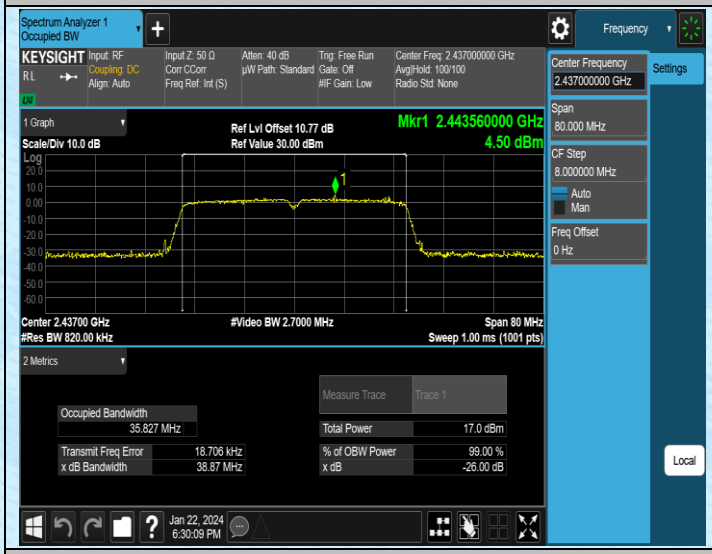
11N20SISO-Ant1-2437



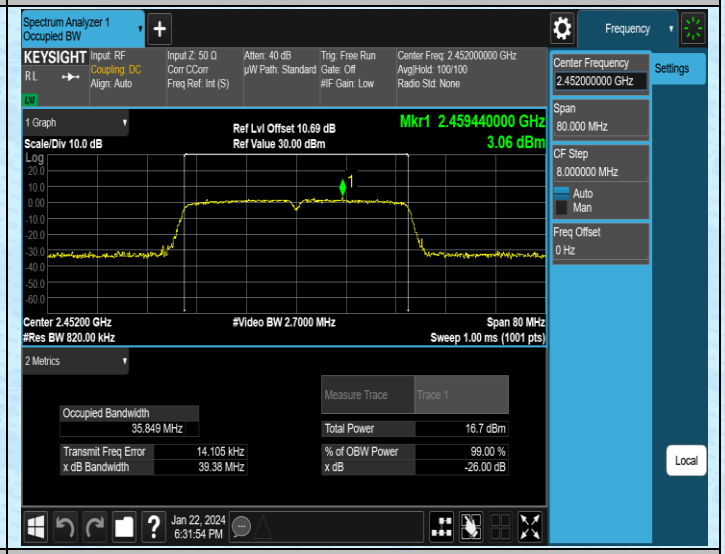
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



11N40SISO-Ant1-2452

AppendixC: Maximum conducted output power

Test Result

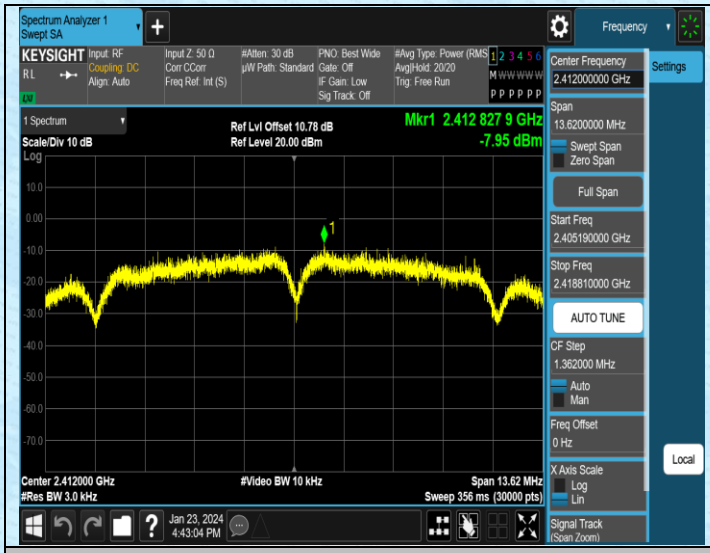
Test Mode	Antenna	Frequency [MHz]	Rate	Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	16.38	≤30.00	PASS
11B	Ant1	2437	1Mbps	16.74	≤30.00	PASS
11B	Ant1	2462	1Mbps	16.65	≤30.00	PASS
11G	Ant1	2412	6Mbps	16.69	≤30.00	PASS
11G	Ant1	2437	6Mbps	17.11	≤30.00	PASS
11G	Ant1	2462	6Mbps	17.12	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	16.62	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	17.03	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	17.10	≤30.00	PASS
11N40SISO	Ant1	2422	MCS0	16.40	≤30.00	PASS
11N40SISO	Ant1	2437	MCS0	17.30	≤30.00	PASS
11N40SISO	Ant1	2452	MCS0	16.77	≤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	-7.95	≤8.00	PASS
11B	Ant1	2437	1Mbps	-8.15	≤8.00	PASS
11B	Ant1	2462	1Mbps	-8.27	≤8.00	PASS
11G	Ant1	2412	6Mbps	-15.6	≤8.00	PASS
11G	Ant1	2437	6Mbps	-16.09	≤8.00	PASS
11G	Ant1	2462	6Mbps	-15.14	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-15.86	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-16.18	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-15.80	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-18.79	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-17.67	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-17.59	≤8.00	PASS

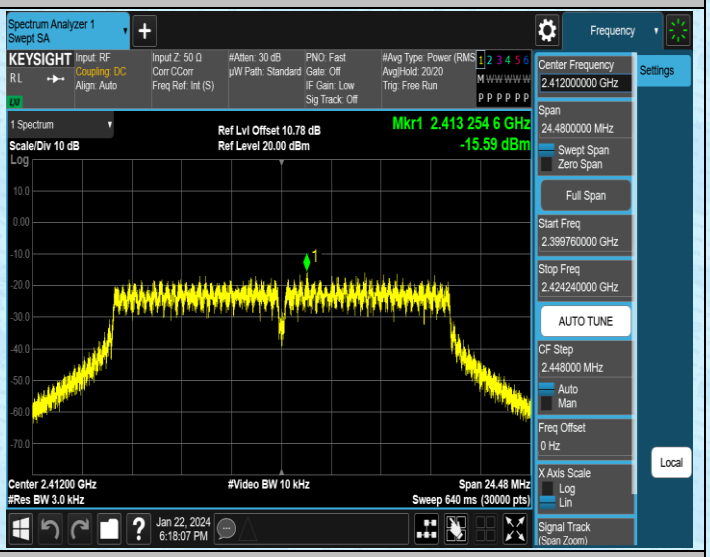
Test Graphs



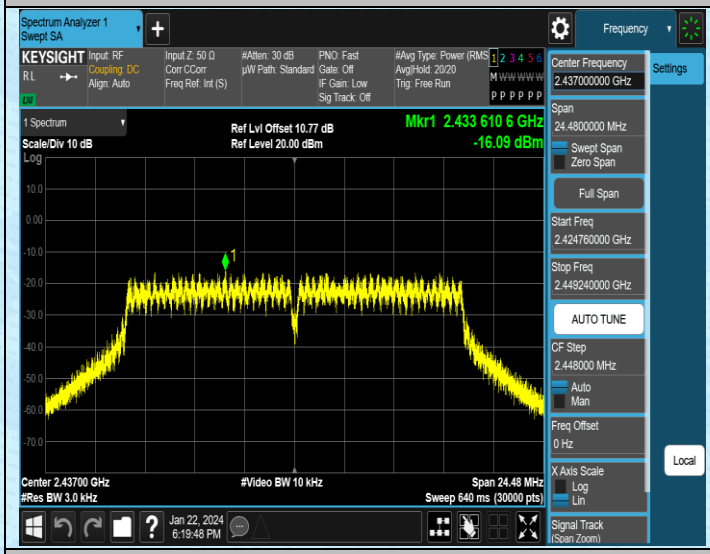
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS

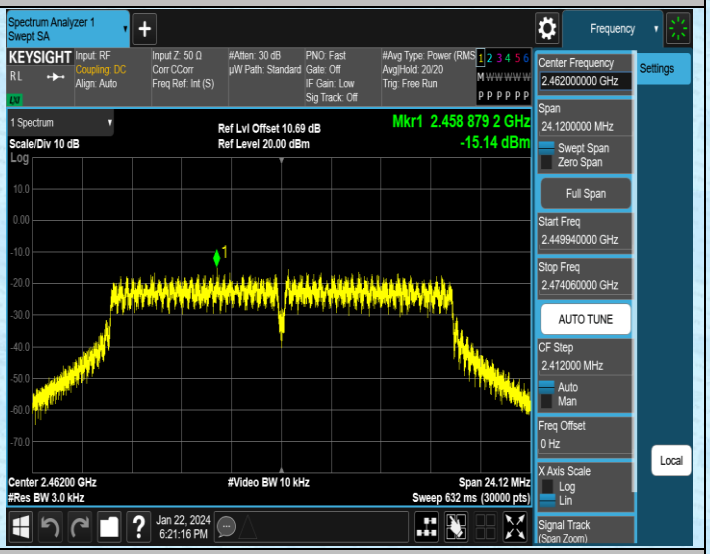
11B-Ant1-2462-PASS



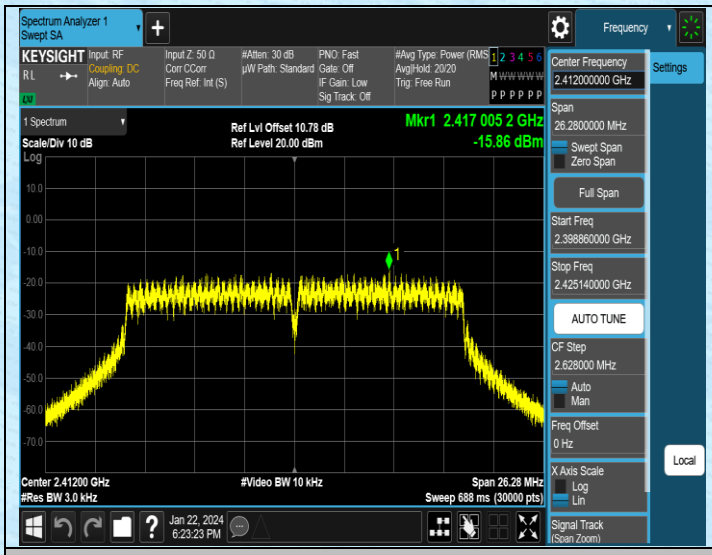
11G-Ant1-2412-PASS



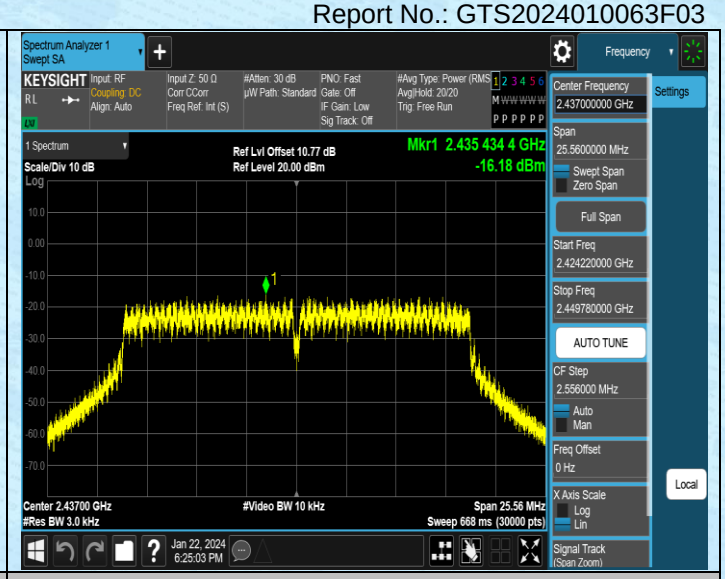
11G-Ant1-2437-PASS



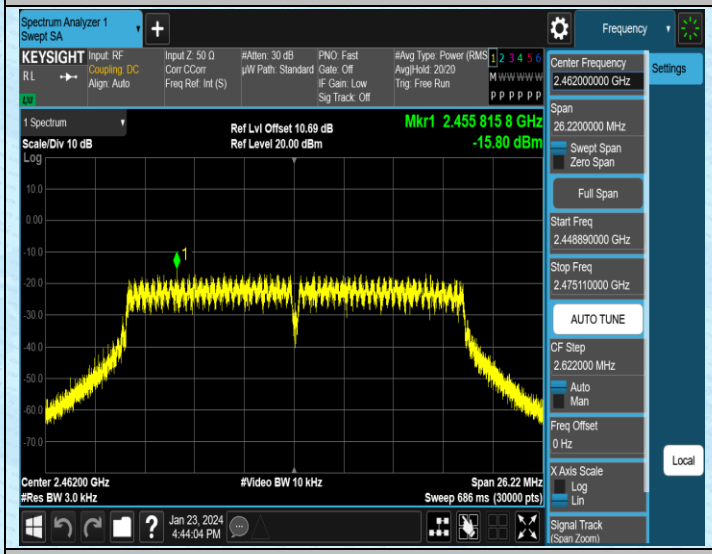
11G-Ant1-2462-PASS



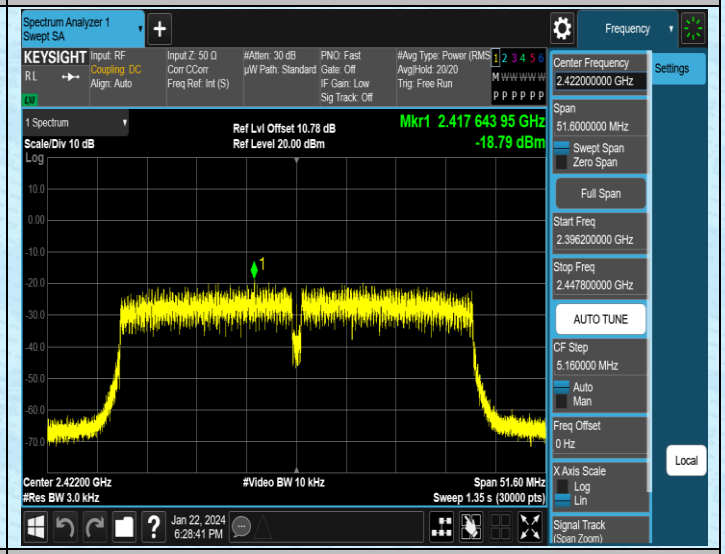
11N20SISO-Ant1-2412-PASS



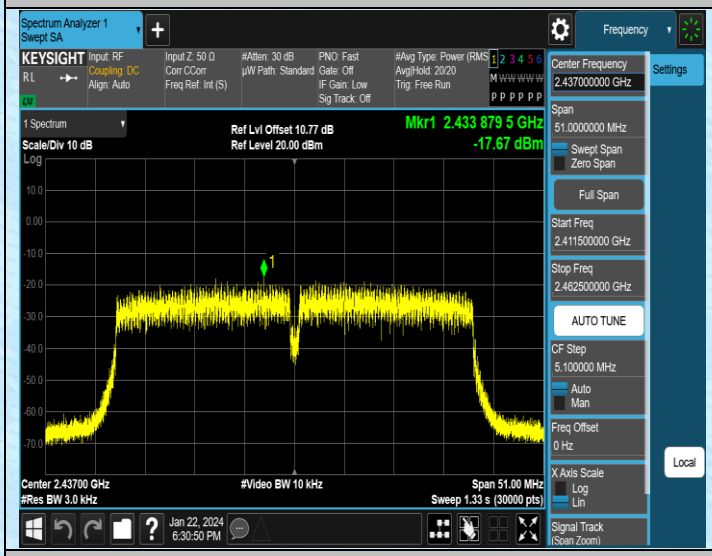
11N20SISO-Ant1-2437-PASS



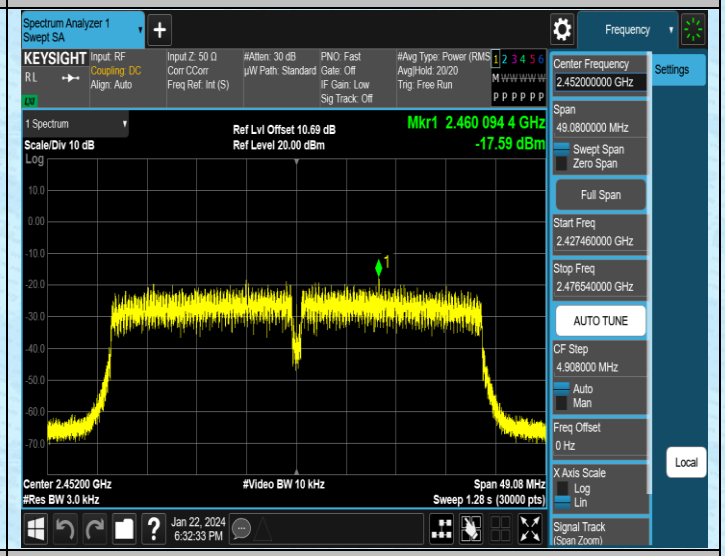
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



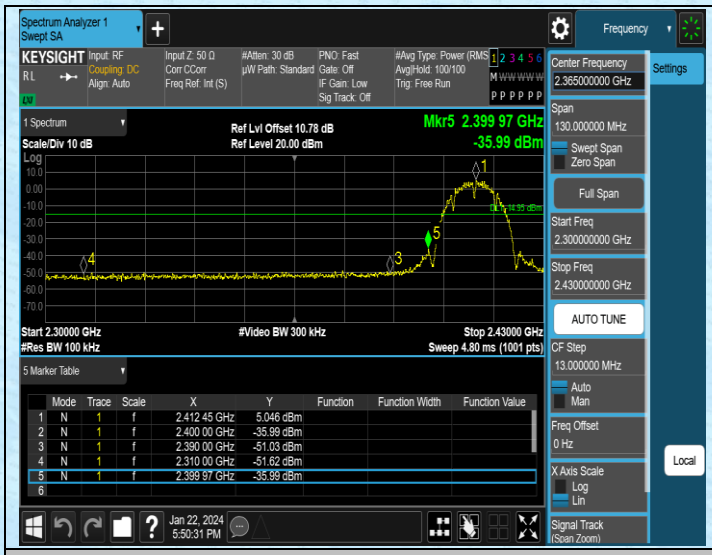
11N40SISO-Ant1-2452-PASS

AppendixE:Band edge measurements

Test Result

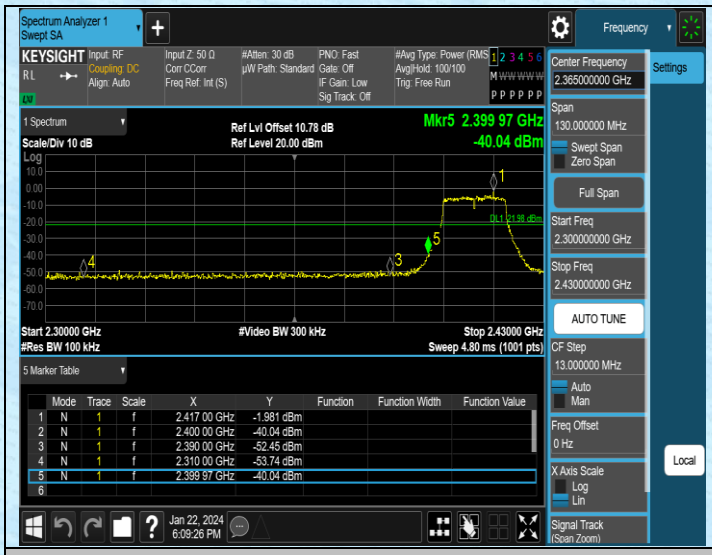
Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	5.05	-35.99	≤-14.95	PASS
11B	Ant1	High	2462	1Mbps	5.07	-48.37	≤-14.93	PASS
11G	Ant1	Low	2412	6Mbps	-1.98	-40.04	≤-21.98	PASS
11G	Ant1	High	2462	6Mbps	-2.02	-49.09	≤-22.02	PASS
11N20SISO	Ant1	Low	2412	MCS0	-2.37	-39.63	≤-22.37	PASS
11N20SISO	Ant1	High	2462	MCS0	-1.21	-48.8	≤-21.21	PASS
11N40SISO	Ant1	Low	2422	MCS0	-4.90	-46.14	≤-24.9	PASS
11N40SISO	Ant1	High	2452	MCS0	-4.08	-49.04	≤-24.08	PASS

Test Graphs

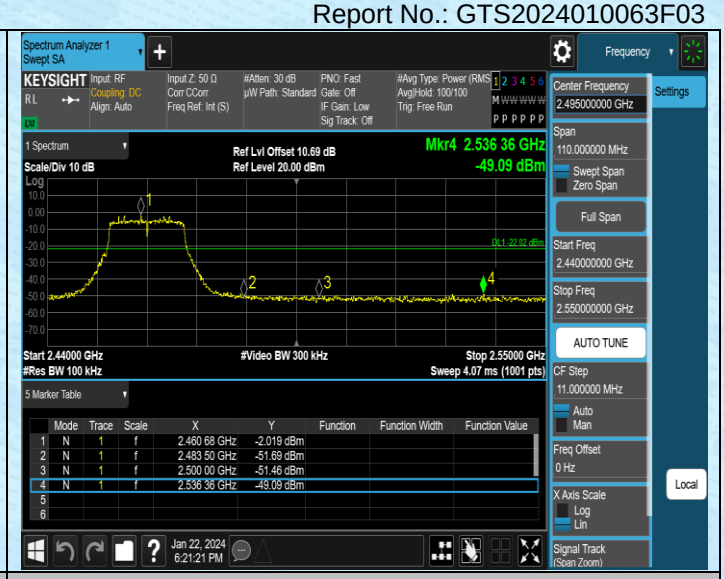


11B-Ant1-2412-PASS

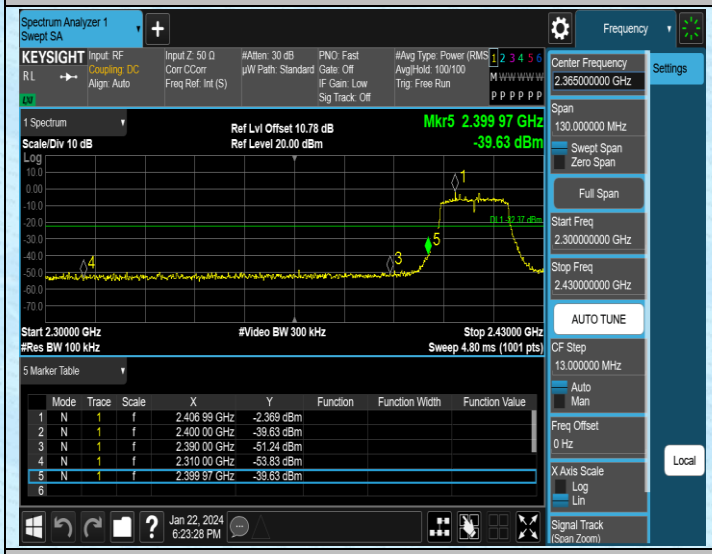
11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



11G-Ant1-2462-PASS



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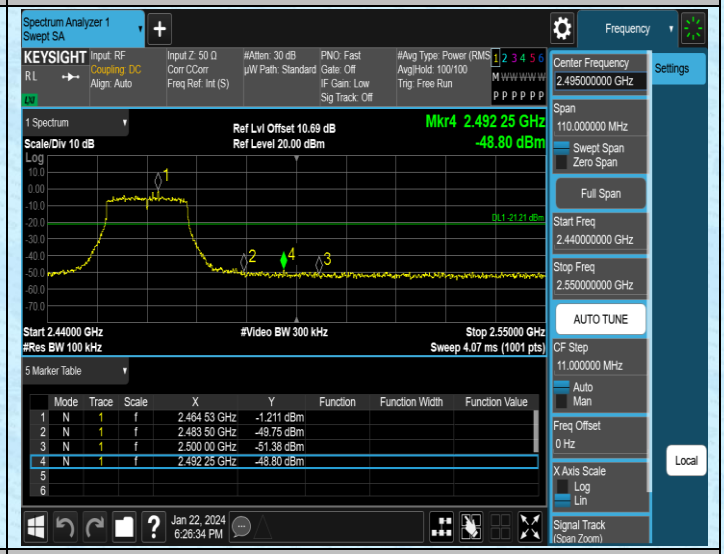
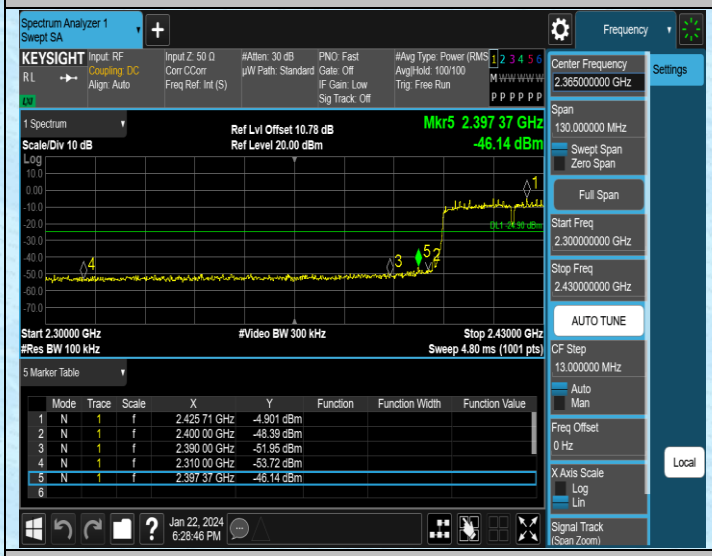
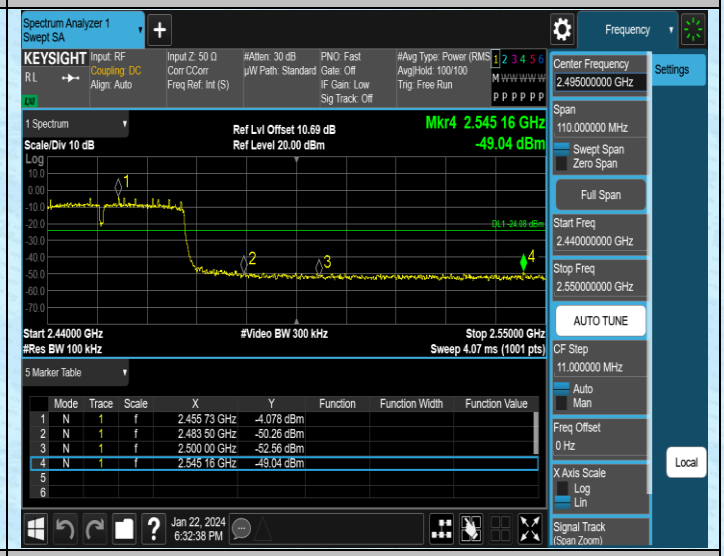


11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS