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	10.040	2406.960	2417.000	0.5	PASS
11B	Ant1	2437	1Mbps	9.720	2431.960	2441.680	0.5	PASS
11B	Ant1	2462	1Mbps	10.000	2456.960	2466.960	0.5	PASS
11G	Ant1	2412	6Mbps	16.360	2403.800	2420.160	0.5	PASS
11G	Ant1	2437	6Mbps	16.360	2428.800	2445.160	0.5	PASS
11G	Ant1	2462	6Mbps	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.560	2403.200	2420.760	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.560	2428.200	2445.760	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant1	2422	MCS0	35.200	2404.400	2439.600	0.5	PASS
11N40SISO	Ant1	2437	MCS0	35.760	2419.160	2454.920	0.5	PASS
11N40SISO	Ant1	2452	MCS0	35.680	2434.080	2469.760	0.5	PASS

Test Graphs

11B-Ant1-2412-PASS

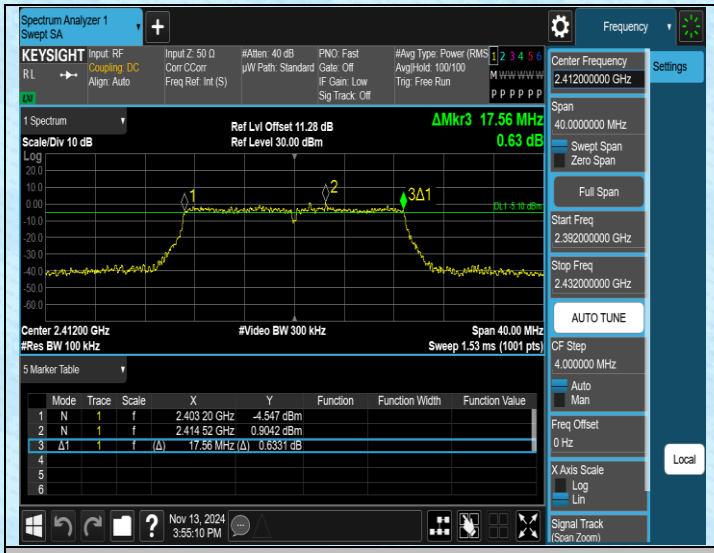
11B-Ant1-2437-PASS

11B-Ant1-2462-PASS

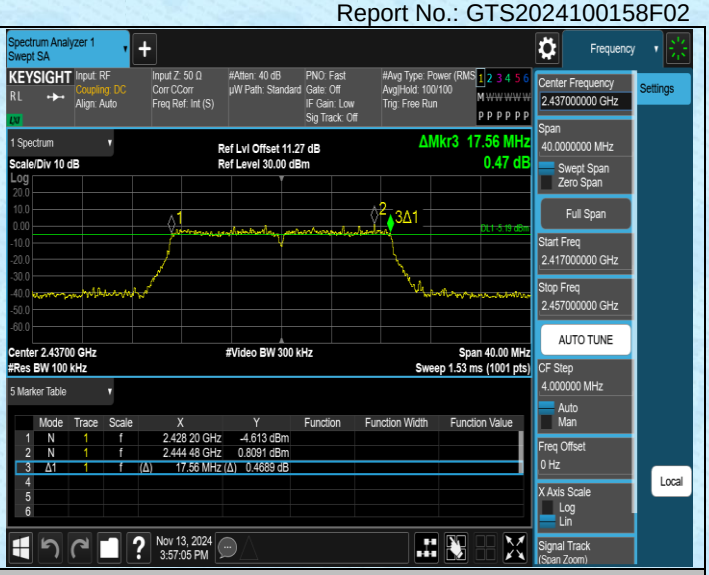
11G-Ant1-2412-PASS

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

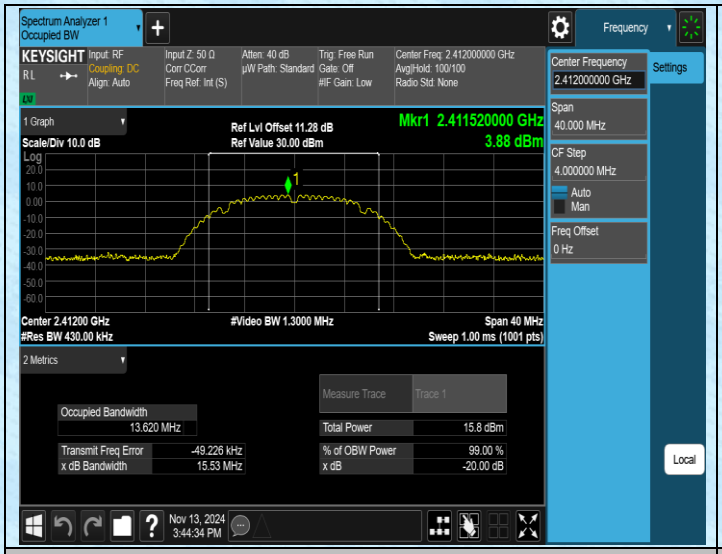
11N40SISO-Ant1-2452-PASS

AppendixB: Occupied Channel Bandwidth

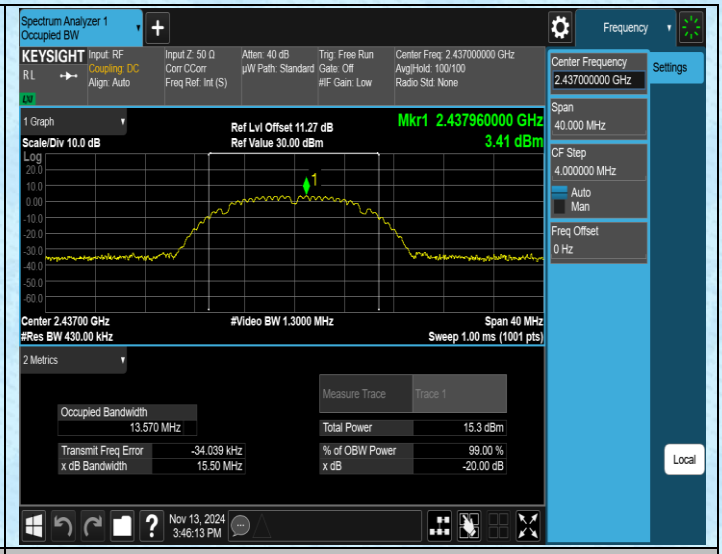
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	13.620	2405.1408	2418.7608	---	---
11B	Ant1	2437	1Mbps	13.570	2430.1810	2443.7510	---	---
11B	Ant1	2462	1Mbps	13.513	2455.2031	2468.7161	---	---
11G	Ant1	2412	6Mbps	16.986	2403.4463	2420.4323	---	---
11G	Ant1	2437	6Mbps	16.946	2428.4843	2445.4303	---	---
11G	Ant1	2462	6Mbps	17.008	2453.4622	2470.4702	---	---
11N20SISO	Ant1	2412	MCS0	17.845	2403.0423	2420.8873	---	---
11N20SISO	Ant1	2437	MCS0	17.935	2428.0328	2445.9678	---	---
11N20SISO	Ant1	2462	MCS0	17.861	2453.0453	2470.9063	---	---
11N40SISO	Ant1	2422	MCS0	36.392	2403.7430	2440.1350	---	---
11N40SISO	Ant1	2437	MCS0	36.373	2418.7654	2455.1384	---	---
11N40SISO	Ant1	2452	MCS0	36.356	2433.7998	2470.1558	---	---

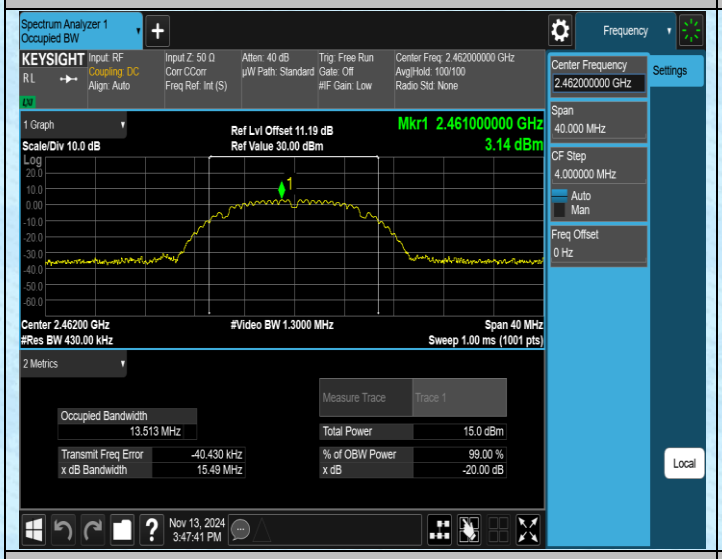
Test Graphs



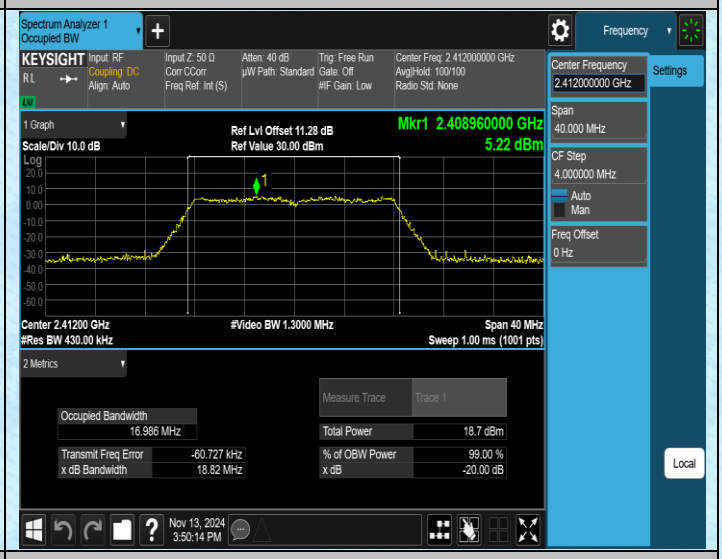
11B-Ant1-2412



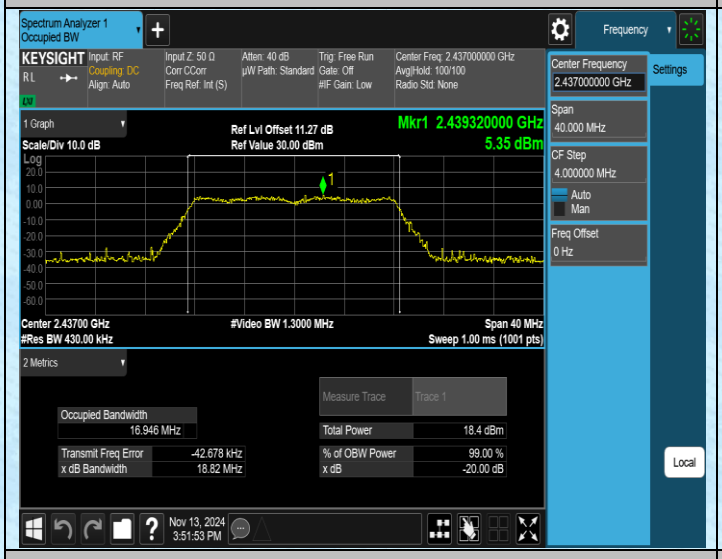
11B-Ant1-2437



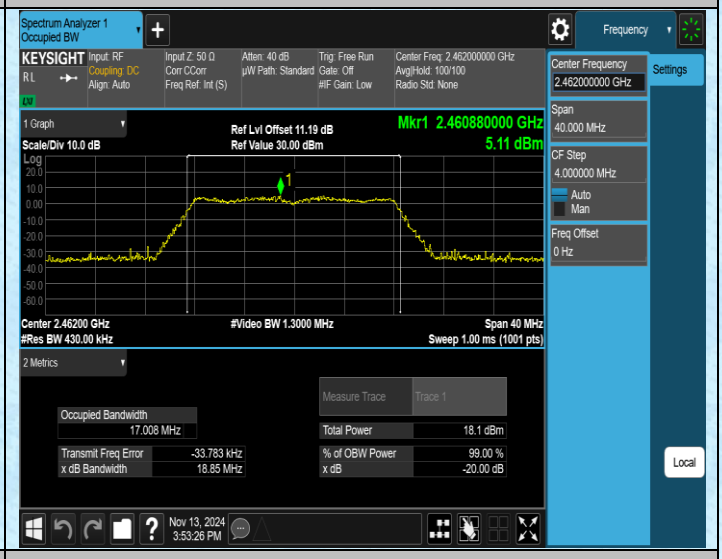
11B-Ant1-2462



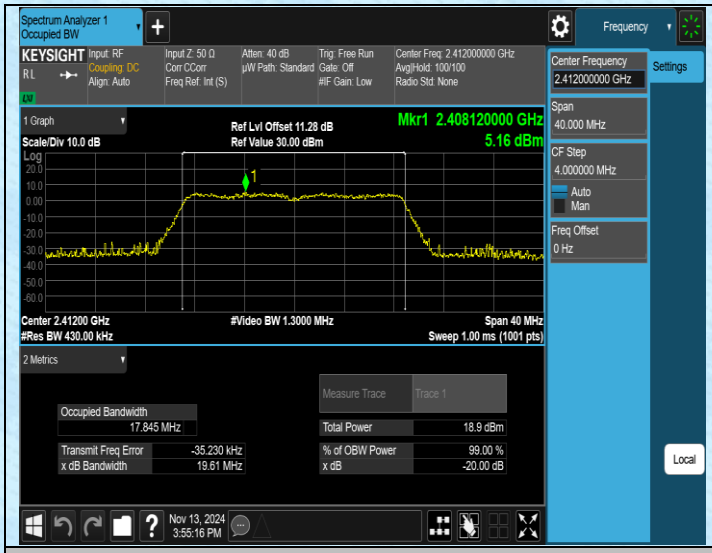
11G-Ant1-2412



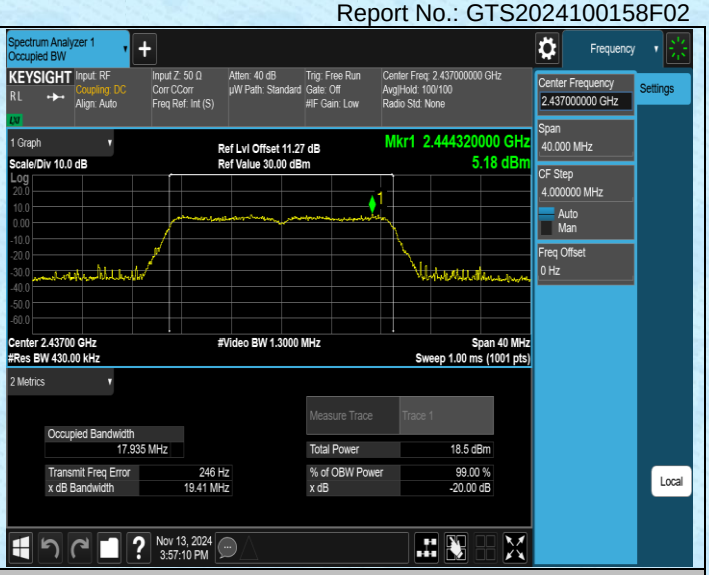
11G-Ant1-2437



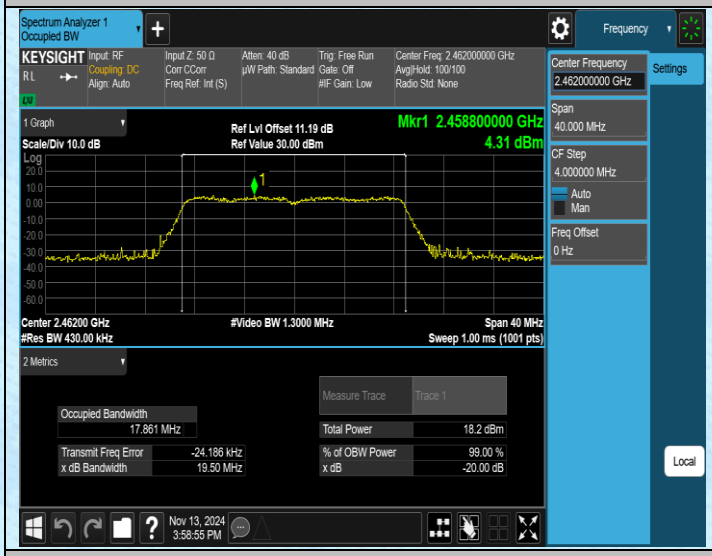
11G-Ant1-2462



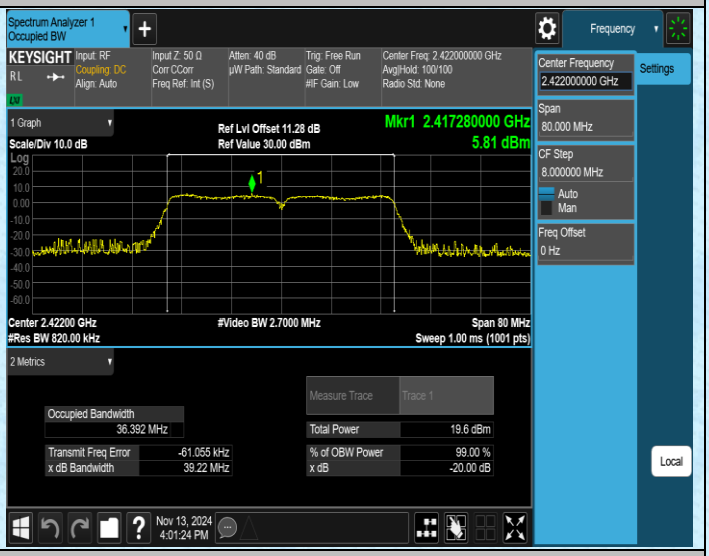
11N20SISO-Ant1-2412



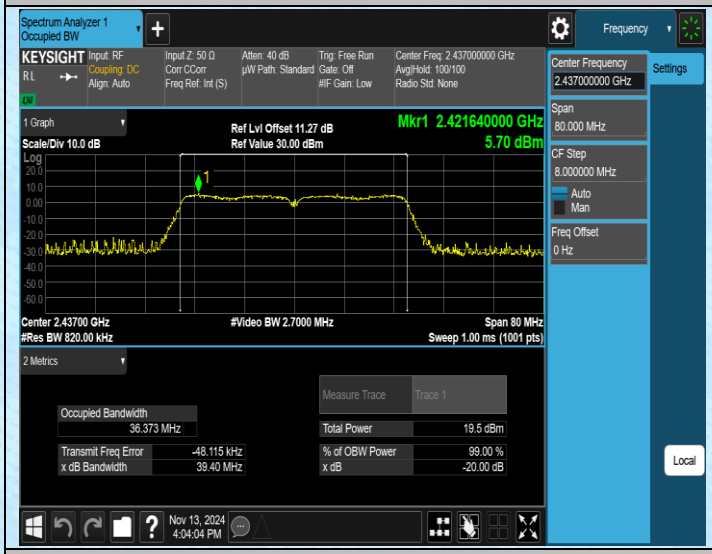
11N20SISO-Ant1-2437



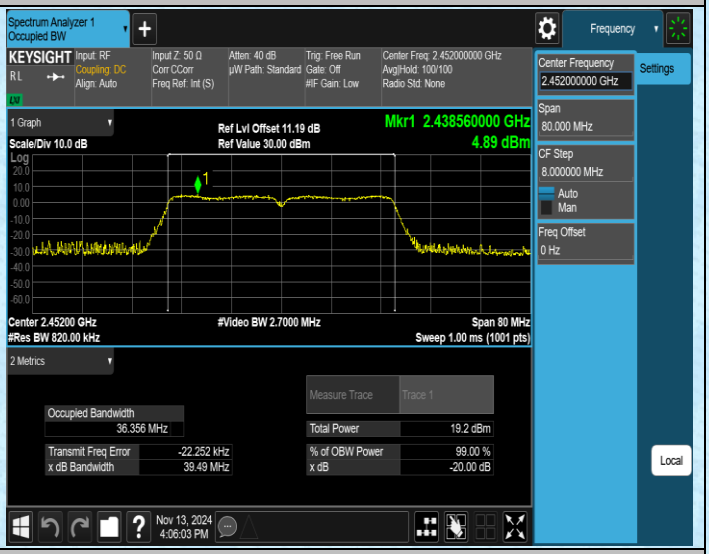
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



11N40SISO-Ant1-2452

AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	15.62	≤30.00	PASS
11B	Ant1	2437	1Mbps	15.05	≤30.00	PASS
11B	Ant1	2462	1Mbps	14.76	≤30.00	PASS
11G	Ant1	2412	6Mbps	19.92	≤30.00	PASS
11G	Ant1	2437	6Mbps	19.52	≤30.00	PASS
11G	Ant1	2462	6Mbps	19.21	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	20.12	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	19.64	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	19.35	≤30.00	PASS
11N40SISO	Ant1	2422	MCS0	19.93	≤30.00	PASS
11N40SISO	Ant1	2437	MCS0	19.74	≤30.00	PASS
11N40SISO	Ant1	2452	MCS0	19.52	≤30.00	PASS

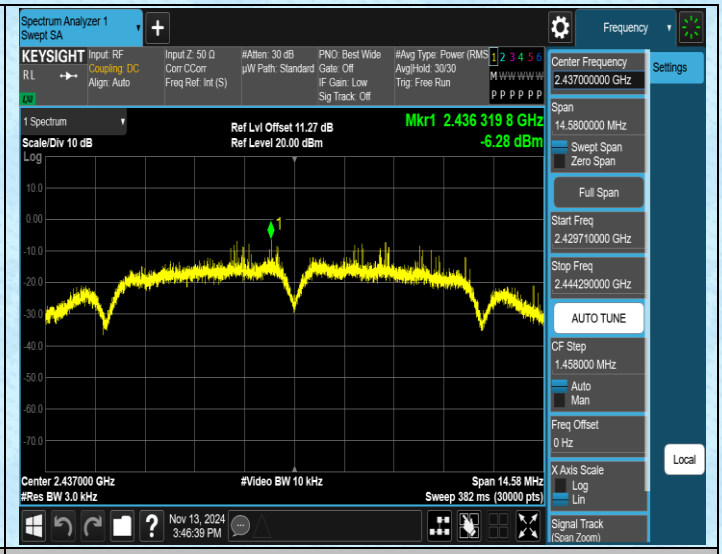
AppendixD: Maximum power spectral density

Test Result

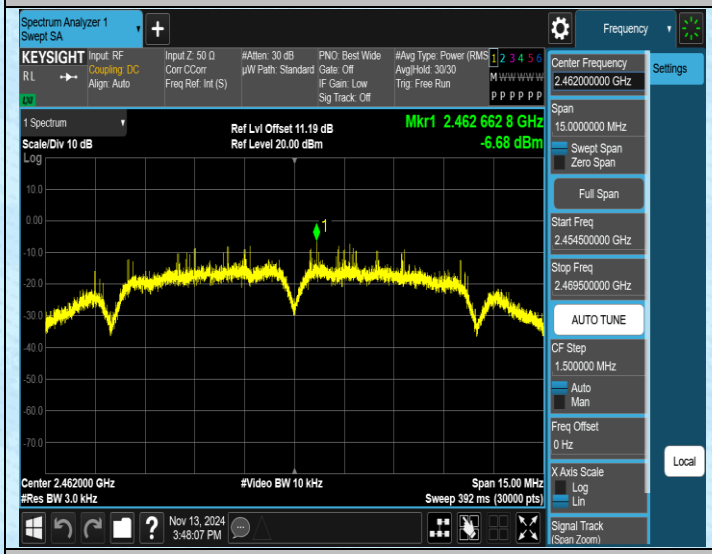
Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-5.86	≤8.00	PASS
11B	Ant1	2437	1Mbps	-6.28	≤8.00	PASS
11B	Ant1	2462	1Mbps	-6.68	≤8.00	PASS
11G	Ant1	2412	6Mbps	-12.62	≤8.00	PASS
11G	Ant1	2437	6Mbps	-14.11	≤8.00	PASS
11G	Ant1	2462	6Mbps	-14.09	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-12.33	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-13.03	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-11.73	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-15.15	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-15.51	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-16.03	≤8.00	PASS

Test Graphs

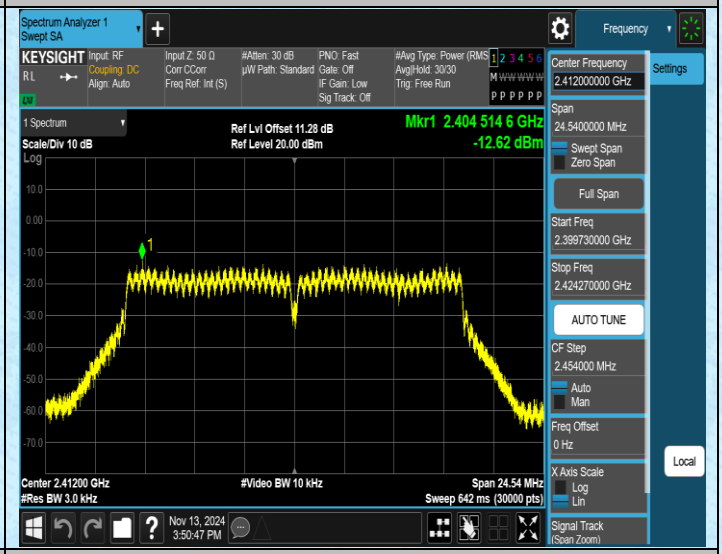
11B-Ant1-2412-PASS



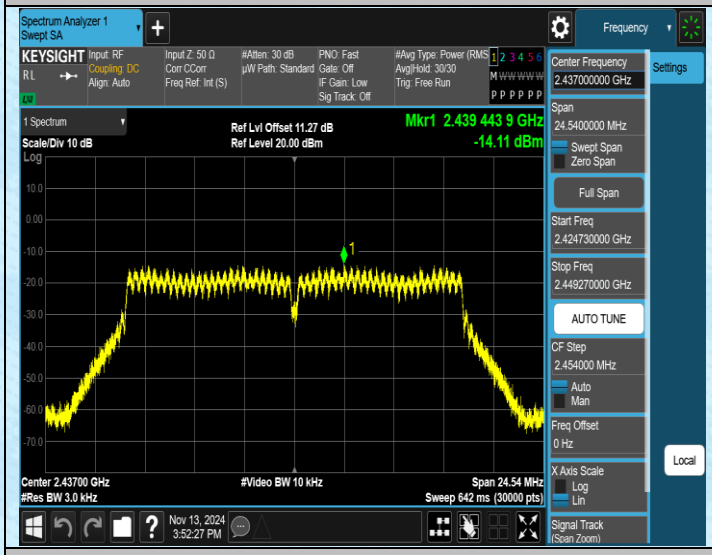
11B-Ant1-2437-PASS



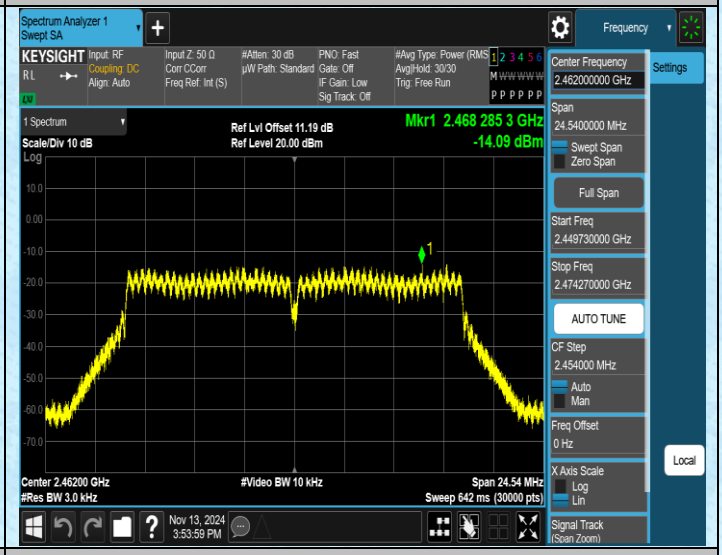
11B-Ant1-2462-PASS



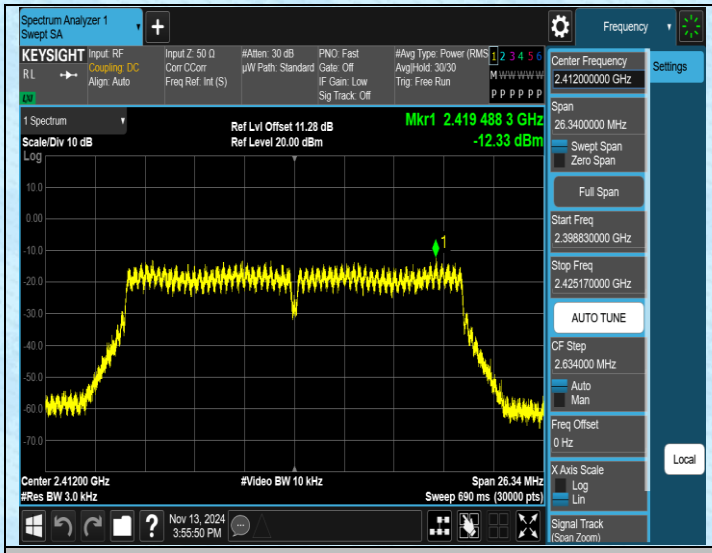
11G-Ant1-2412-PASS



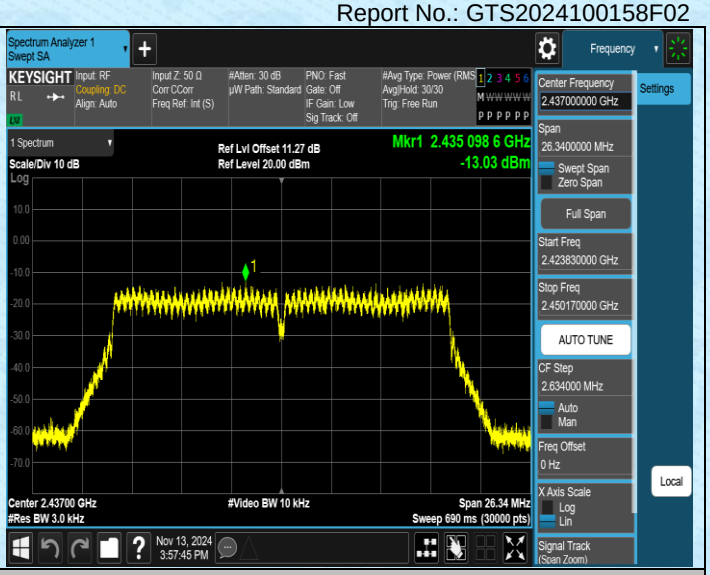
11G-Ant1-2437-PASS



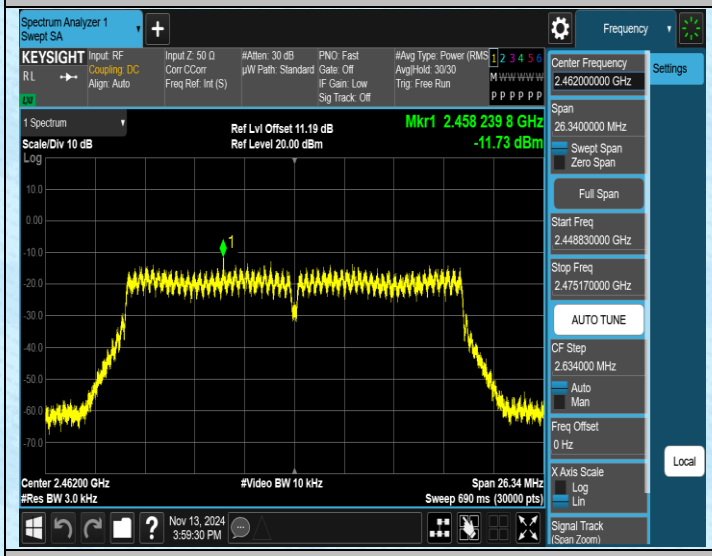
11G-Ant1-2462-PASS



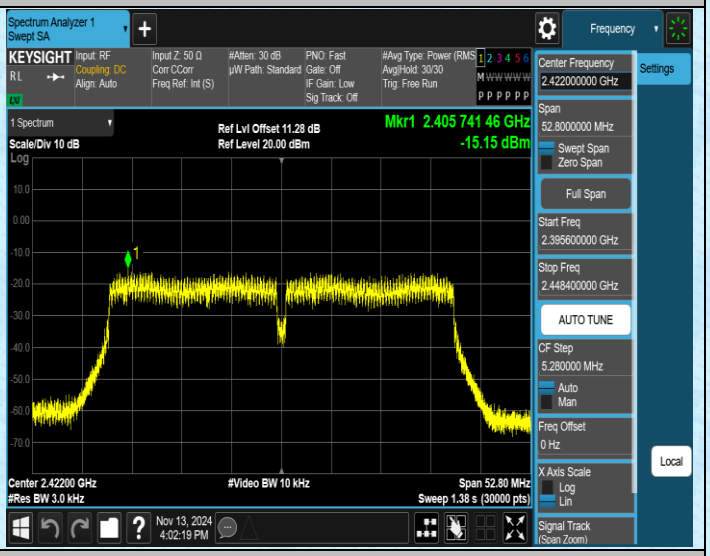
11N20SISO-Ant1-2412-PASS



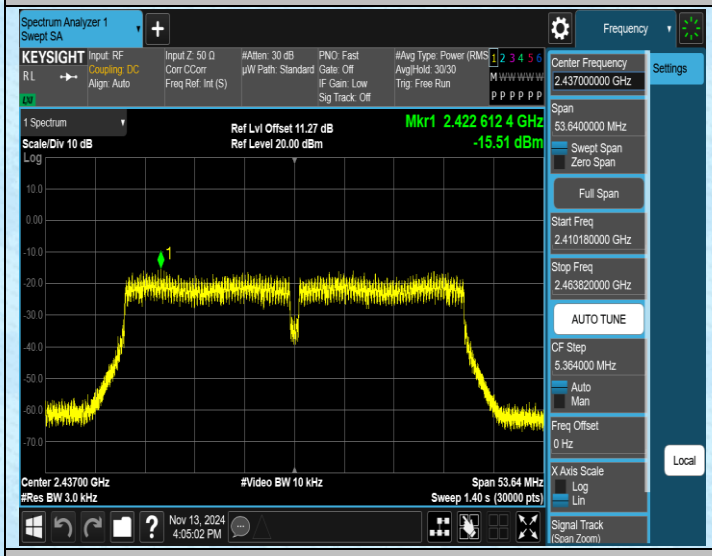
11N20SISO-Ant1-2437-PASS



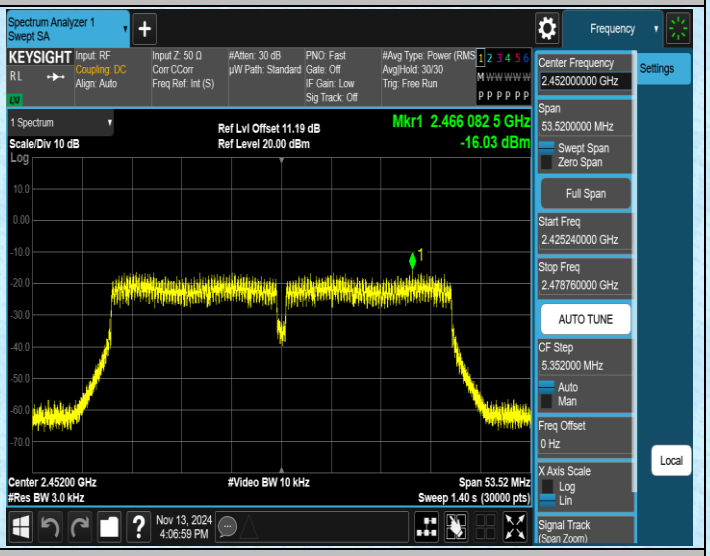
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



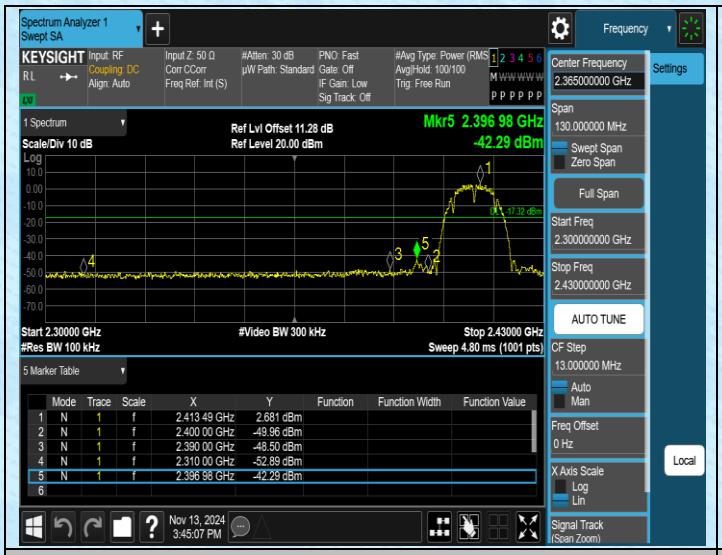
11N40SISO-Ant1-2452-PASS

AppendixE:Band edge measurements

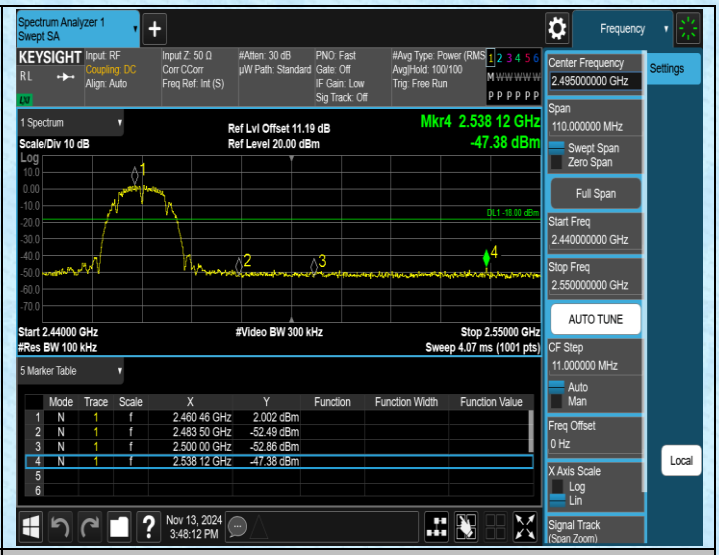
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	2.68	-42.29	≤-17.32	PASS
11B	Ant1	High	2462	1Mbps	2.00	-47.38	≤-18	PASS
11G	Ant1	Low	2412	6Mbps	1.49	-39.61	≤-18.51	PASS
11G	Ant1	High	2462	6Mbps	0.15	-47.42	≤-19.85	PASS
11N20SISO	Ant1	Low	2412	MCS0	0.43	-37.12	≤-19.57	PASS
11N20SISO	Ant1	High	2462	MCS0	-0.07	-46.9	≤-20.07	PASS
11N40SISO	Ant1	Low	2422	MCS0	-0.50	-35.83	≤-20.5	PASS
11N40SISO	Ant1	High	2452	MCS0	-2.35	-40.57	≤-22.35	PASS

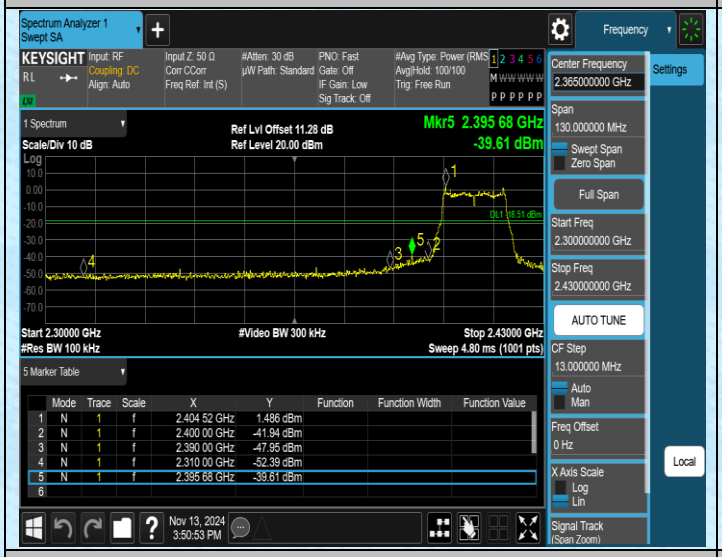
Test Graphs



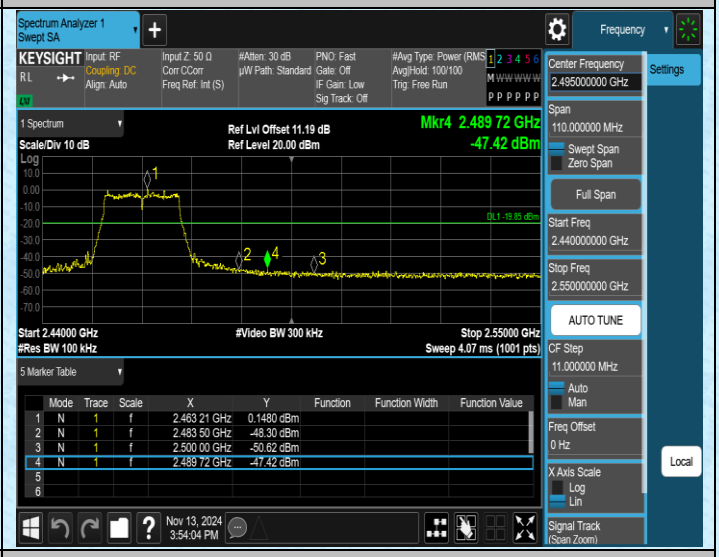
11B-Ant1-2412-PASS



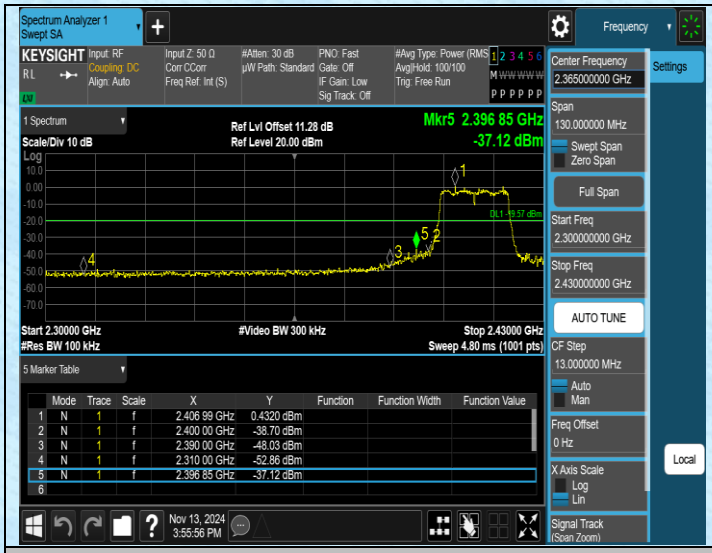
11B-Ant1-2462-PASS



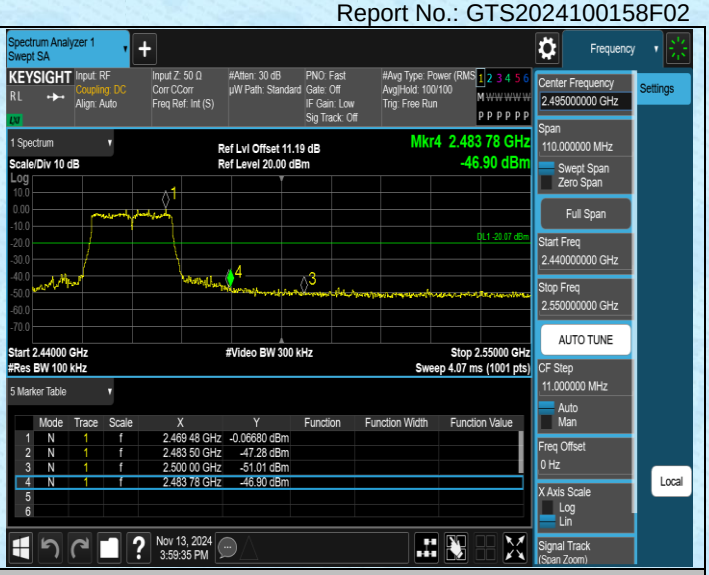
11G-Ant1-2412-PASS



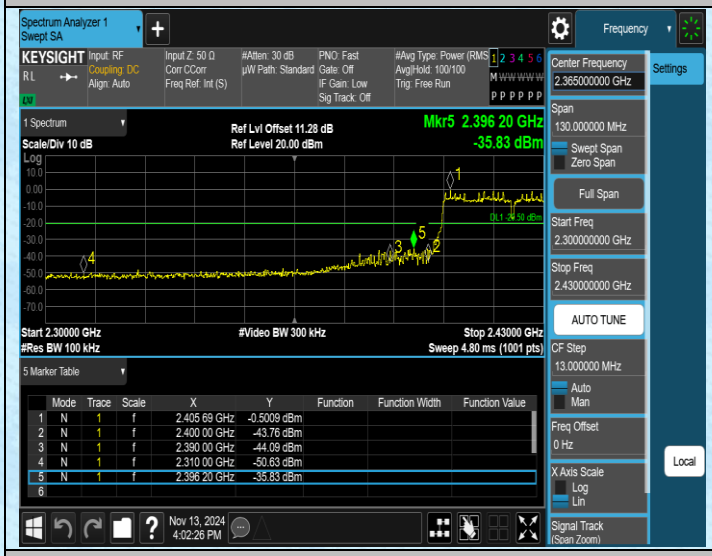
11G-Ant1-2462-PASS



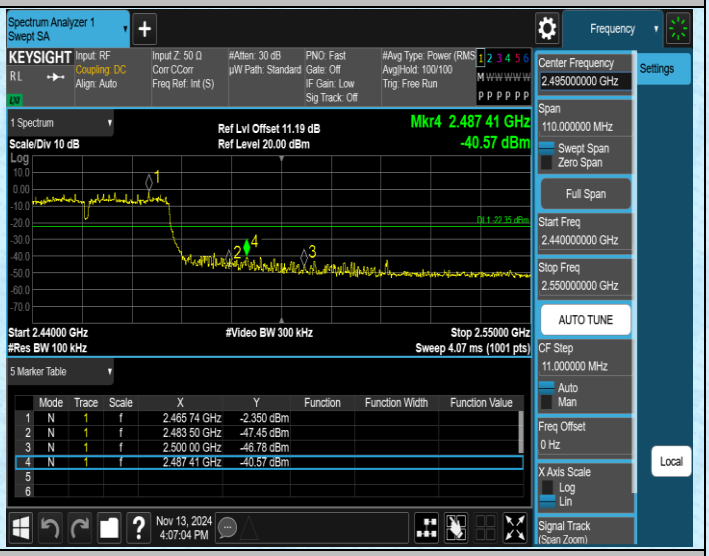
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS

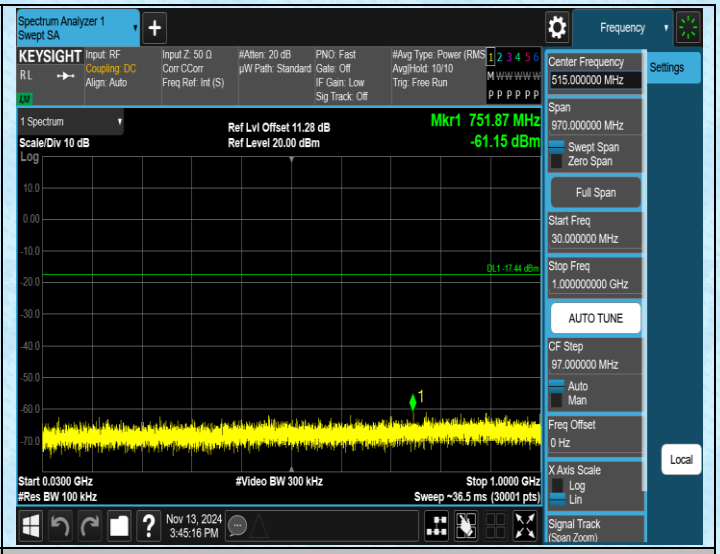
AppendixF:Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	0~Reference	2.56	2.56	---	PASS
11B	Ant1	2412	1Mbps	30~1000	2.56	-61.15	≤-17.44	PASS
11B	Ant1	2412	1Mbps	1000~26500	2.56	-49.47	≤-17.44	PASS
11B	Ant1	2437	1Mbps	0~Reference	1.04	1.04	---	PASS
11B	Ant1	2437	1Mbps	30~1000	1.04	-60.66	≤-18.96	PASS
11B	Ant1	2437	1Mbps	1000~26500	1.04	-48.81	≤-18.96	PASS
11B	Ant1	2462	1Mbps	0~Reference	1.38	1.38	---	PASS
11B	Ant1	2462	1Mbps	30~1000	1.38	-61.18	≤-18.62	PASS
11B	Ant1	2462	1Mbps	1000~26500	1.38	-49.7	≤-18.62	PASS
11G	Ant1	2412	6Mbps	0~Reference	1.90	1.90	---	PASS
11G	Ant1	2412	6Mbps	30~1000	1.90	-60.99	≤-18.1	PASS
11G	Ant1	2412	6Mbps	1000~26500	1.90	-49.12	≤-18.1	PASS
11G	Ant1	2437	6Mbps	0~Reference	-1.24	-1.24	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-1.24	-60.69	≤-21.24	PASS
11G	Ant1	2437	6Mbps	1000~26500	-1.24	-48.98	≤-21.24	PASS
11G	Ant1	2462	6Mbps	0~Reference	-2.37	-2.37	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-2.37	-62.13	≤-22.37	PASS
11G	Ant1	2462	6Mbps	1000~26500	-2.37	-50.11	≤-22.37	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	0.54	0.54	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	0.54	-61.46	≤-19.46	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	0.54	-48.94	≤-19.46	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-2.20	-2.20	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-2.20	-60.81	≤-22.2	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-2.20	-49.08	≤-22.2	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-0.13	-0.13	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-0.13	-61.32	≤-20.13	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-0.13	-49.16	≤-20.13	PASS
11N40SISO	Ant1	2422	MCS0	0~Reference	-2.08	-2.08	---	PASS
11N40SISO	Ant1	2422	MCS0	30~1000	-2.08	-61.02	≤-22.08	PASS
11N40SISO	Ant1	2422	MCS0	1000~26500	-2.08	-49.87	≤-22.08	PASS
11N40SISO	Ant1	2437	MCS0	0~Reference	-3.06	-3.06	---	PASS
11N40SISO	Ant1	2437	MCS0	30~1000	-3.06	-61.49	≤-23.06	PASS
11N40SISO	Ant1	2437	MCS0	1000~26500	-3.06	-49.62	≤-23.06	PASS
11N40SISO	Ant1	2452	MCS0	0~Reference	-3.36	-3.36	---	PASS
11N40SISO	Ant1	2452	MCS0	30~1000	-3.36	-62.12	≤-23.36	PASS
11N40SISO	Ant1	2452	MCS0	1000~26500	-3.36	-48.62	≤-23.36	PASS

Test Graphs

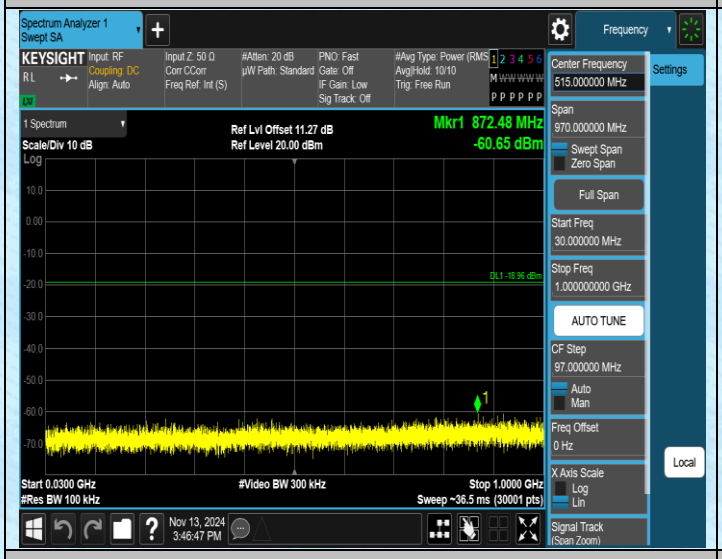
11B-Ant1-2412-0~Reference-PASS



11B-Ant1-2412-30~1000-PASS

11B-Ant1-2412-1000~26500-PASS

11B-Ant1-2437-0~Reference-PASS



11B-Ant1-2437-30~1000-PASS

11B-Ant1-2437-1000~26500-PASS