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	13.040	2405.440	2418.480	0.5	PASS
11B	Ant1	2437	1Mbps	12.520	2430.960	2443.480	0.5	PASS
11B	Ant1	2462	1Mbps	13.040	2455.440	2468.480	0.5	PASS
11G	Ant1	2412	6Mbps	15.120	2404.400	2419.520	0.5	PASS
11G	Ant1	2437	6Mbps	15.920	2429.200	2445.120	0.5	PASS
11G	Ant1	2462	6Mbps	16.000	2453.480	2469.480	0.5	PASS
11N20SISO	Ant1	2412	MCS0	15.000	2404.480	2419.480	0.5	PASS
11N20SISO	Ant1	2437	MCS0	15.040	2429.440	2444.480	0.5	PASS
11N20SISO	Ant1	2462	MCS0	15.120	2454.400	2469.520	0.5	PASS
11N40SISO	Ant1	2422	MCS0	35.120	2404.400	2439.520	0.5	PASS
11N40SISO	Ant1	2437	MCS0	34.960	2419.480	2454.440	0.5	PASS
11N40SISO	Ant1	2452	MCS0	33.760	2434.480	2468.240	0.5	PASS

Test Graphs

11B-Ant1-2412-PASS

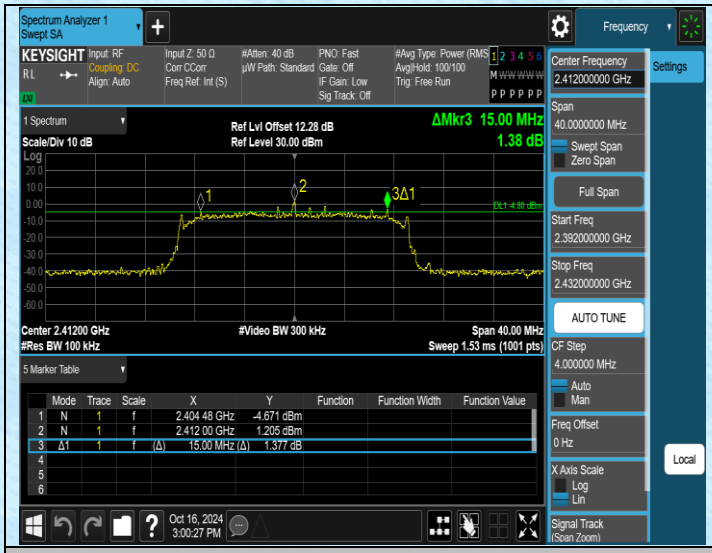
11B-Ant1-2437-PASS

11B-Ant1-2462-PASS

11G-Ant1-2412-PASS

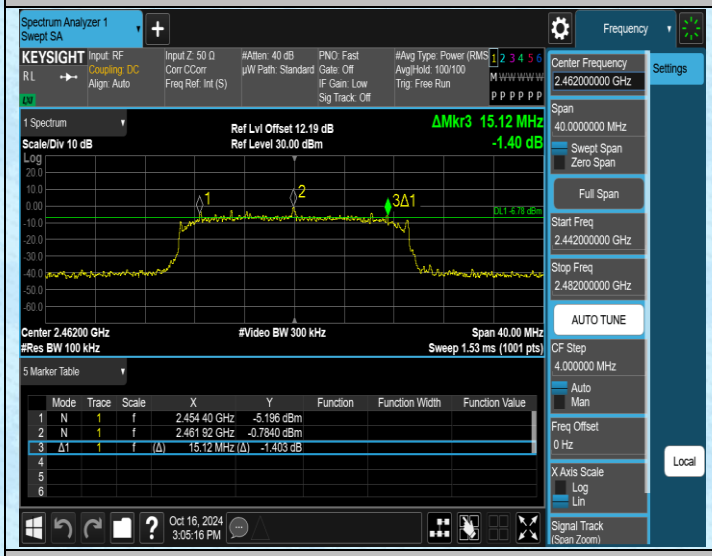
11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2437-PASS

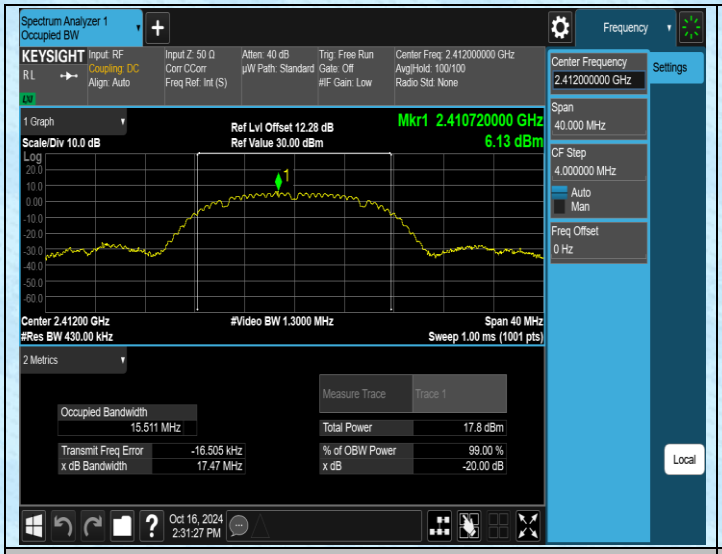
11N40SISO-Ant1-2452-PASS

AppendixB: Occupied Channel Bandwidth

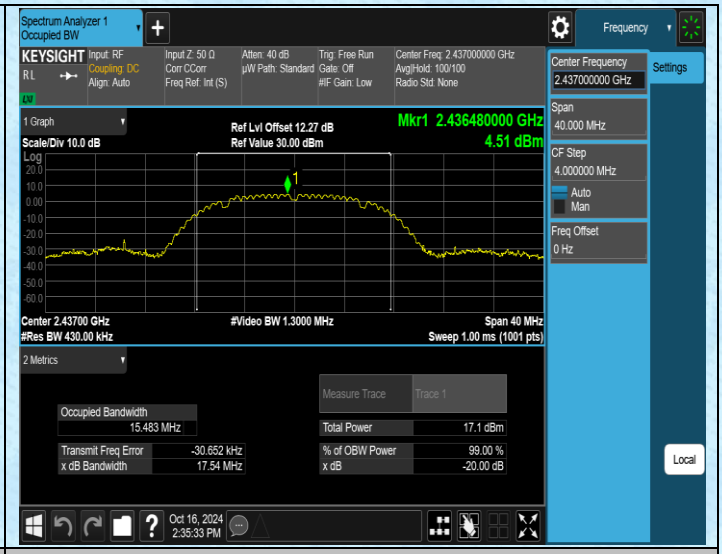
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	1Mbps	15.511	2404.2280	2419.7390
11B	Ant1	2437	1Mbps	15.483	2429.2279	2444.7109
11B	Ant1	2462	1Mbps	15.483	2454.2071	2469.6901
11G	Ant1	2412	6Mbps	17.212	2403.3144	2420.5264
11G	Ant1	2437	6Mbps	17.453	2428.2430	2445.6960
11G	Ant1	2462	6Mbps	17.365	2453.1755	2470.5405
11N20SISO	Ant1	2412	MCS0	18.233	2402.8629	2421.0959
11N20SISO	Ant1	2437	MCS0	18.317	2427.7483	2446.0653
11N20SISO	Ant1	2462	MCS0	18.292	2452.7970	2471.0890
11N40SISO	Ant1	2422	MCS0	35.795	2404.0110	2439.8060
11N40SISO	Ant1	2437	MCS0	35.859	2418.9573	2454.8163
11N40SISO	Ant1	2452	MCS0	35.803	2433.9785	2469.7815

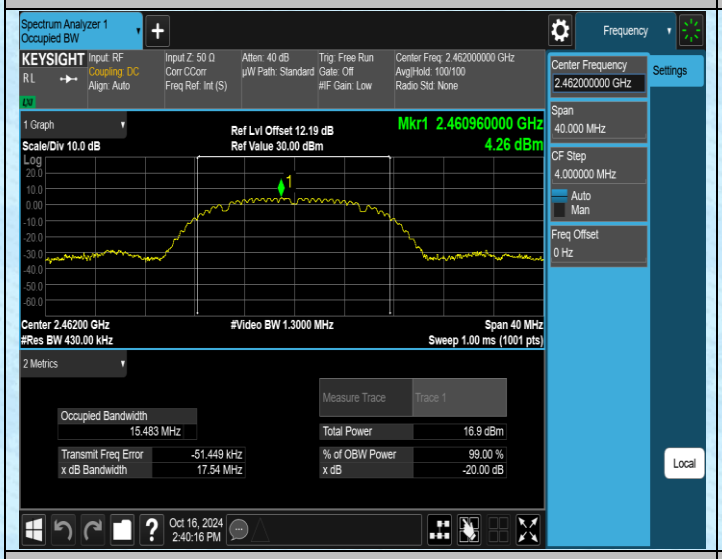
Test Graphs



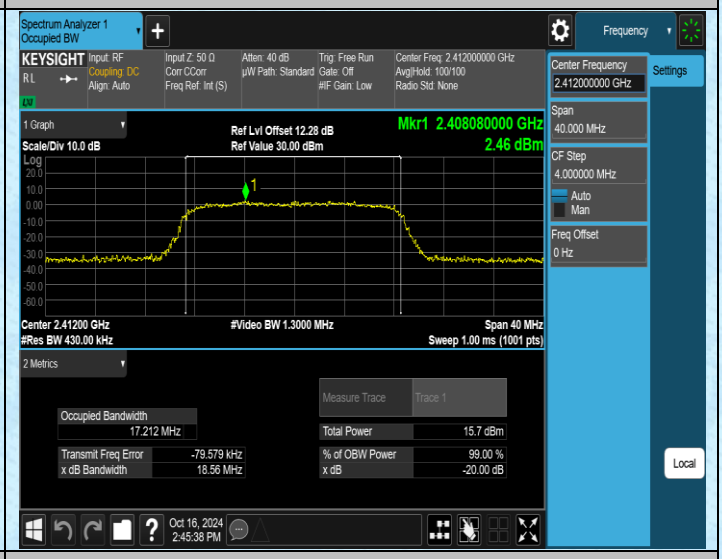
11B-Ant1-2412



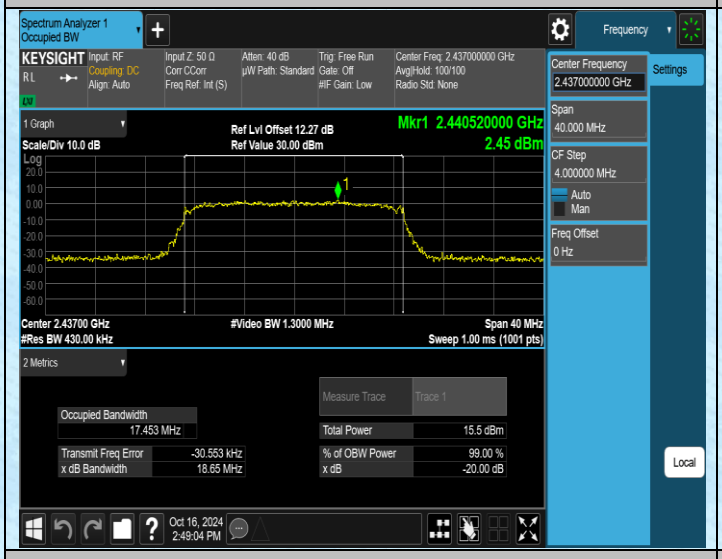
11B-Ant1-2437



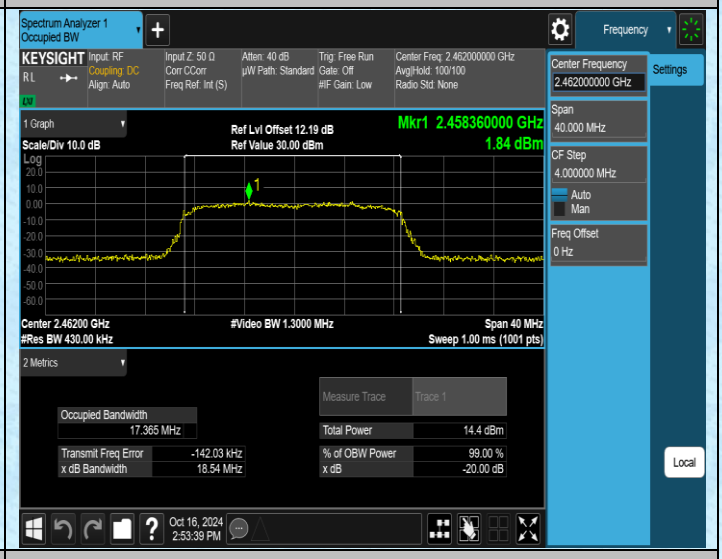
11B-Ant1-2462



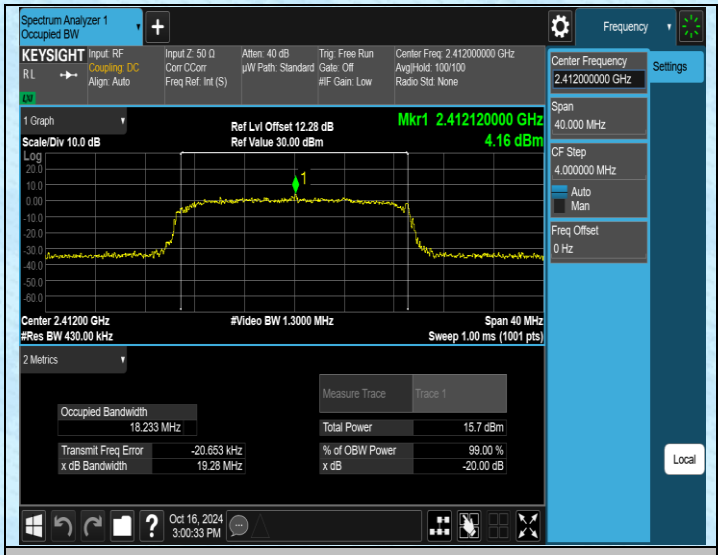
11G-Ant1-2412



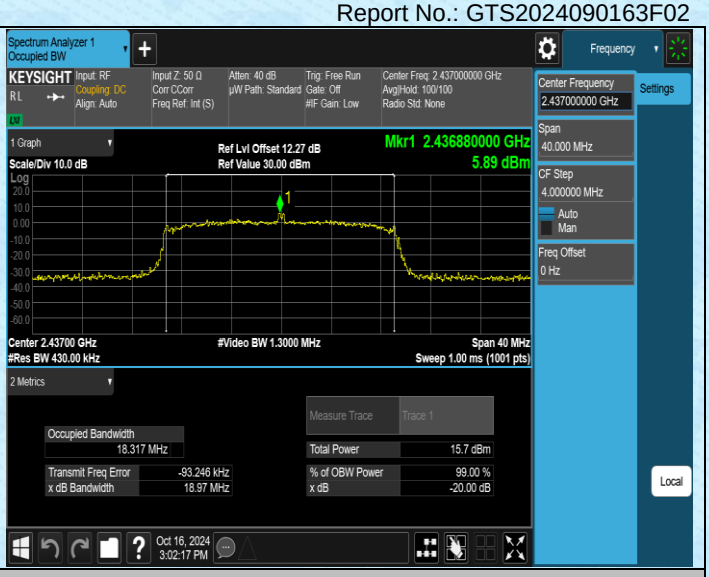
11G-Ant1-2437



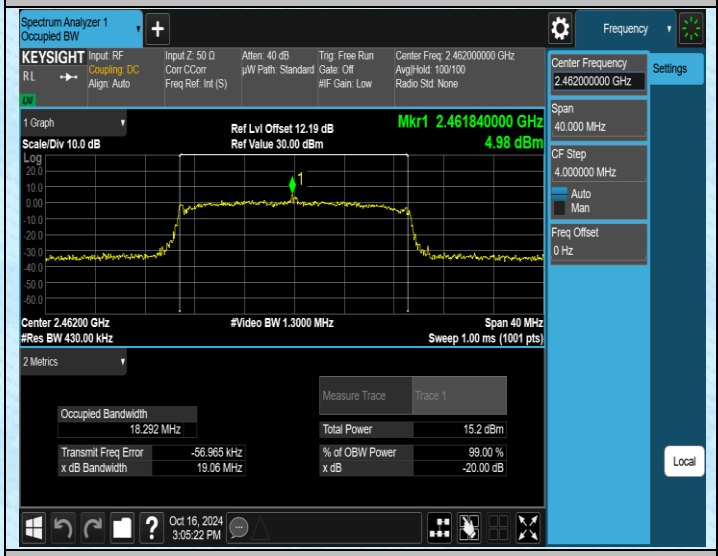
11G-Ant1-2462



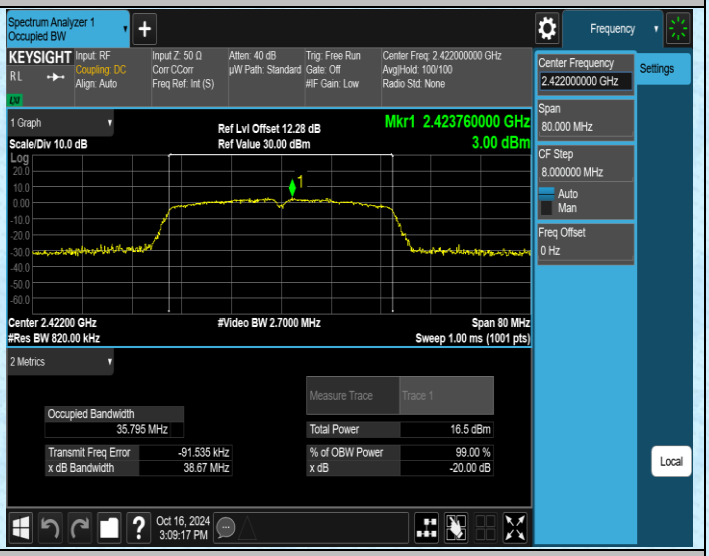
11N20SISO-Ant1-2412



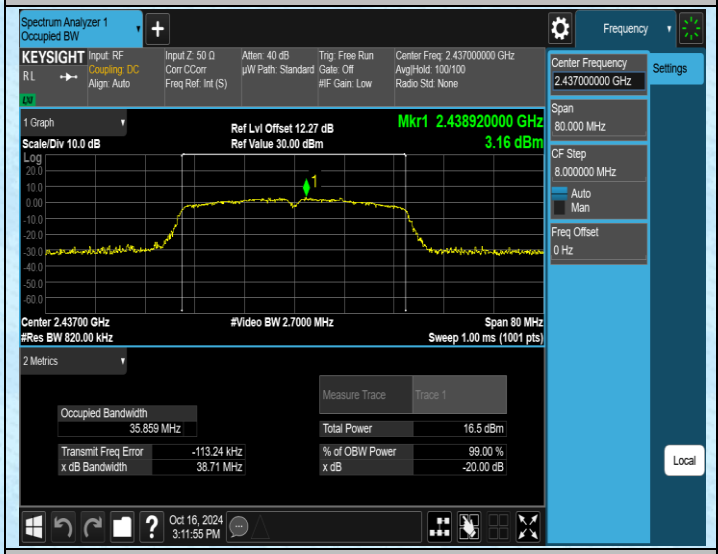
11N20SISO-Ant1-2437



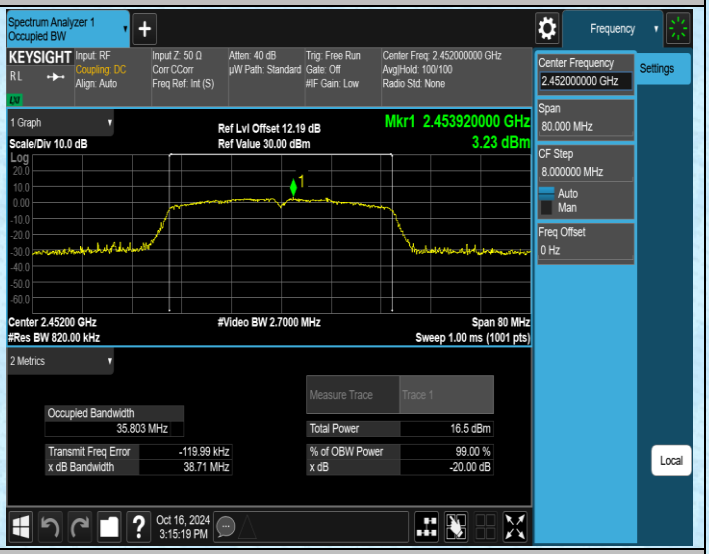
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



11N40SISO-Ant1-2452

AppendixC: Maximum conducted output power

Test Result Peak

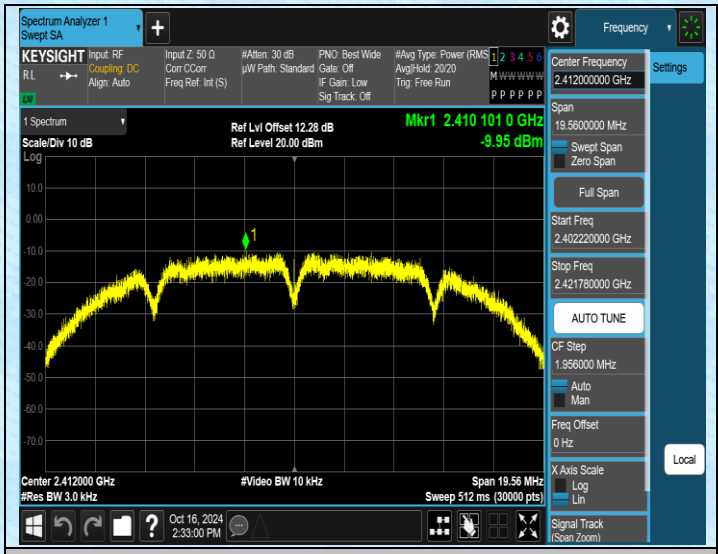
Test Mode	Antenna	Frequency [MHz]	Rate	Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	17.80	≤30.00	PASS
11B	Ant1	2437	1Mbps	17.04	≤30.00	PASS
11B	Ant1	2462	1Mbps	16.89	≤30.00	PASS
11G	Ant1	2412	6Mbps	16.63	≤30.00	PASS
11G	Ant1	2437	6Mbps	16.42	≤30.00	PASS
11G	Ant1	2462	6Mbps	15.51	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	16.34	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	16.19	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	15.76	≤30.00	PASS
11N40SISO	Ant1	2422	MCS0	16.84	≤30.00	PASS
11N40SISO	Ant1	2437	MCS0	16.73	≤30.00	PASS
11N40SISO	Ant1	2452	MCS0	16.70	≤30.00	PASS

AppendixD: Maximum power spectral density

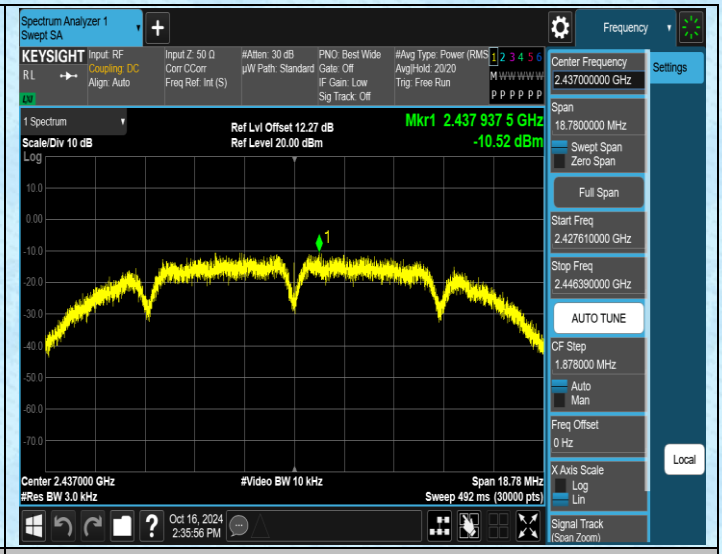
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-9.95	≤8.00	PASS
11B	Ant1	2437	1Mbps	-10.52	≤8.00	PASS
11B	Ant1	2462	1Mbps	-10.55	≤8.00	PASS
11G	Ant1	2412	6Mbps	-15.41	≤8.00	PASS
11G	Ant1	2437	6Mbps	-15.6	≤8.00	PASS
11G	Ant1	2462	6Mbps	-16.6	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-15.38	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-15.14	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-16.01	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-18.03	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-18.01	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-17.83	≤8.00	PASS

Test Graphs

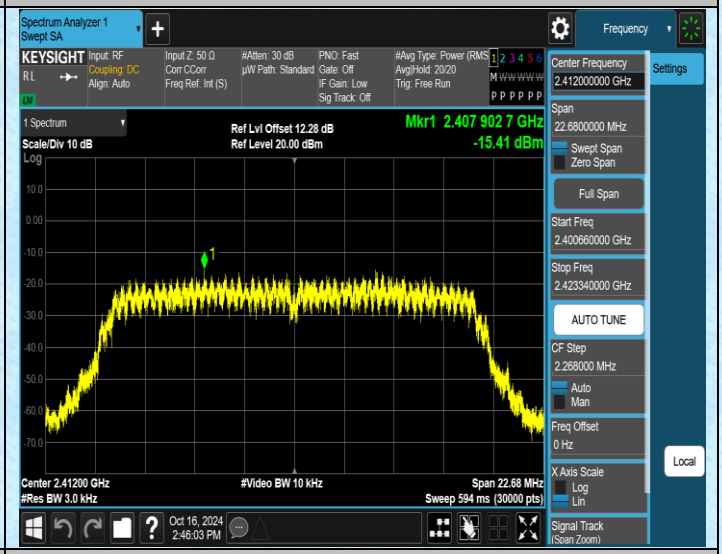


11B-Ant1-2412-PASS

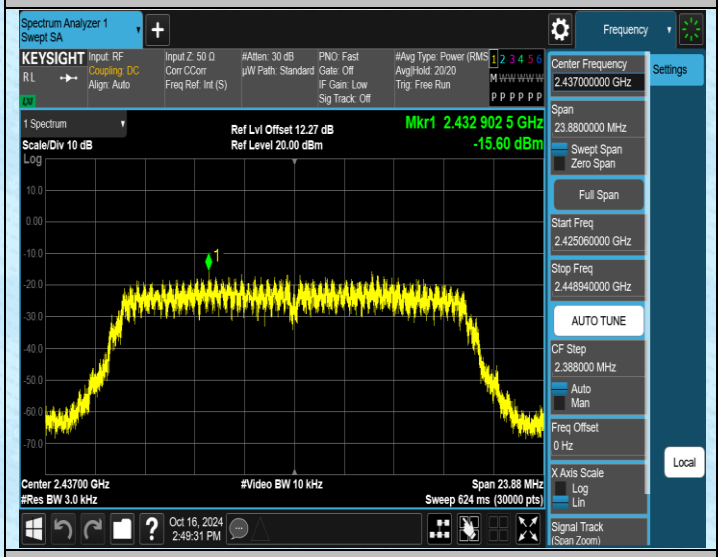


11B-Ant1-2437-PASS

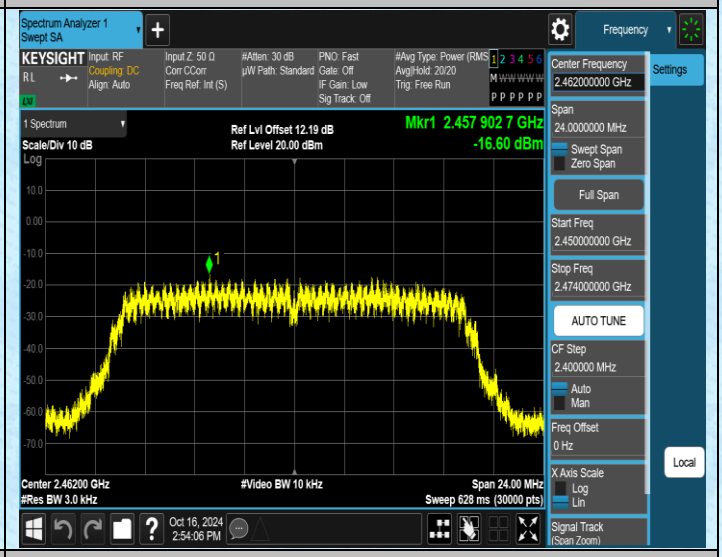
11B-Ant1-2462-PASS



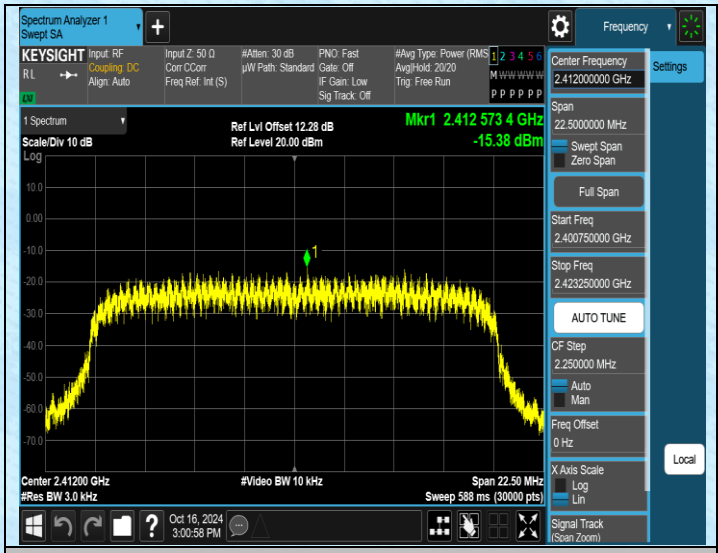
11G-Ant1-2412-PASS



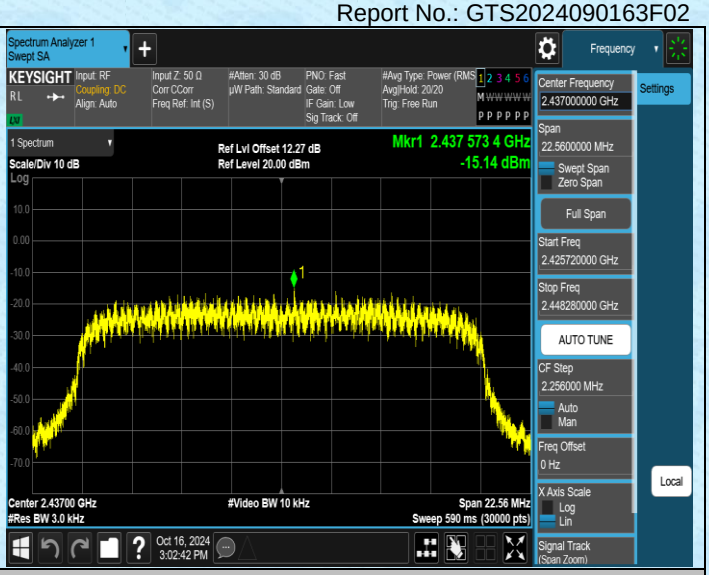
11G-Ant1-2437-PASS



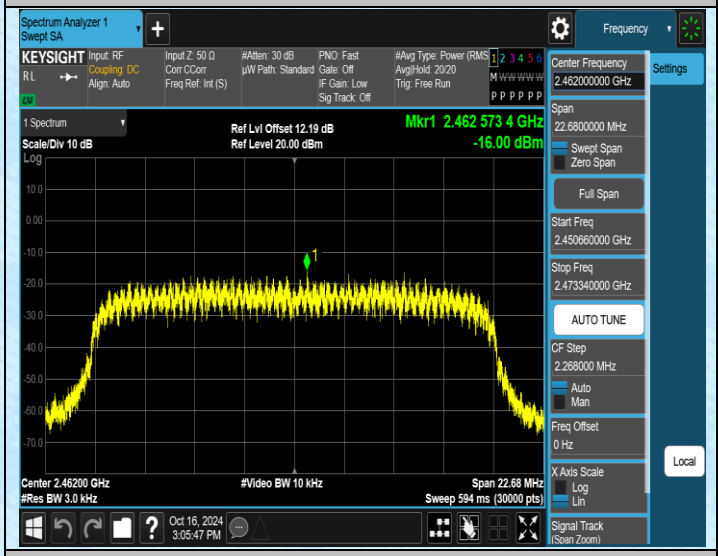
11G-Ant1-2462-PASS



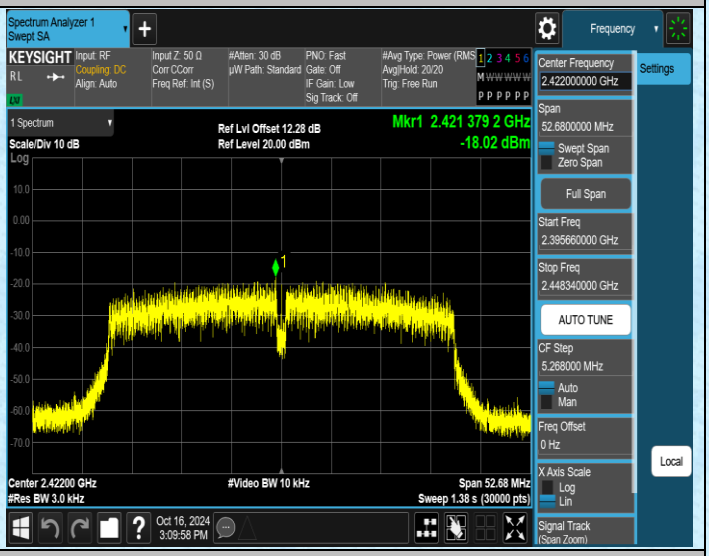
11N20SISO-Ant1-2412-PASS



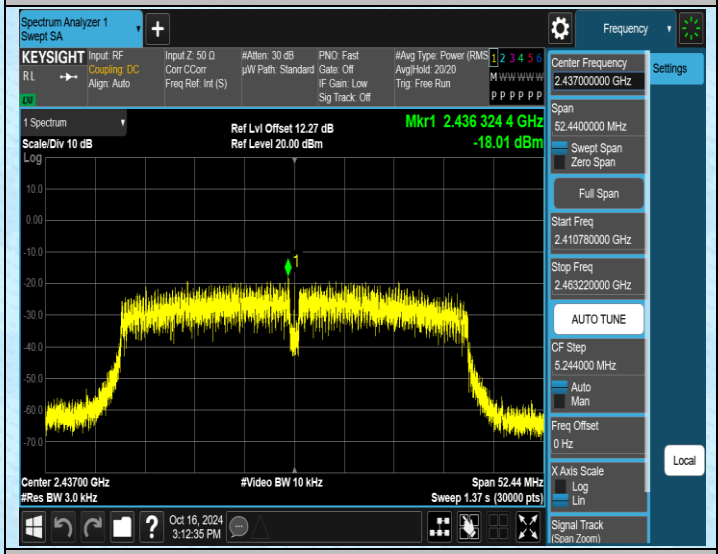
11N20SISO-Ant1-2437-PASS



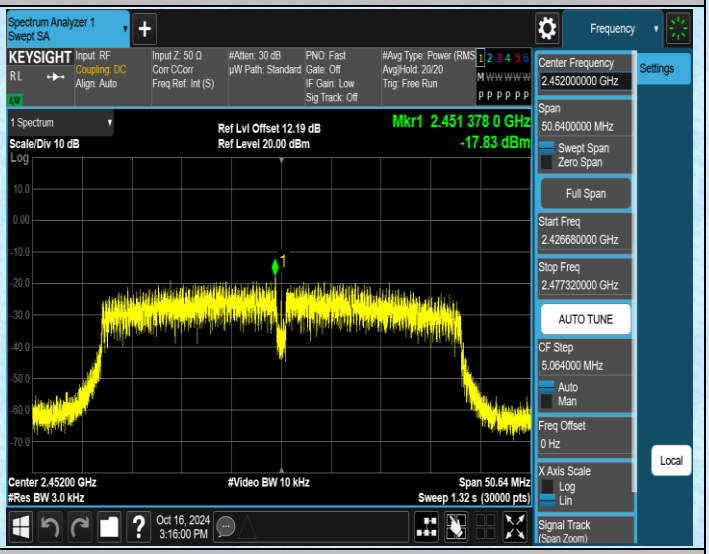
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



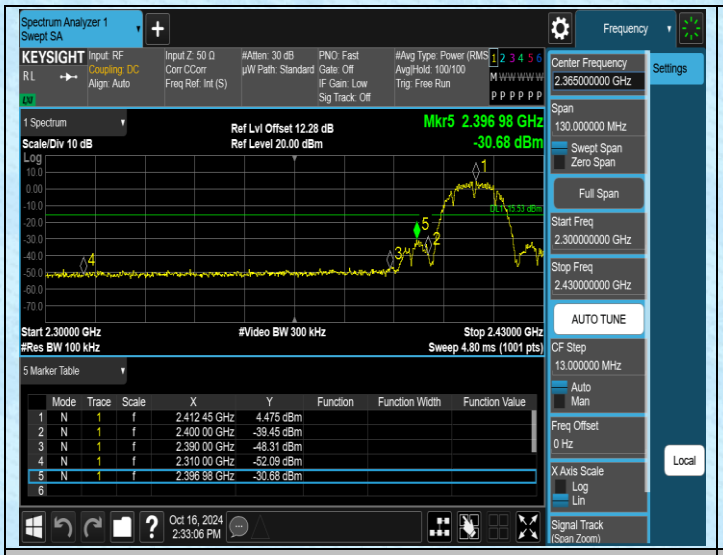
11N40SISO-Ant1-2452-PASS

AppendixE:Band edge measurements

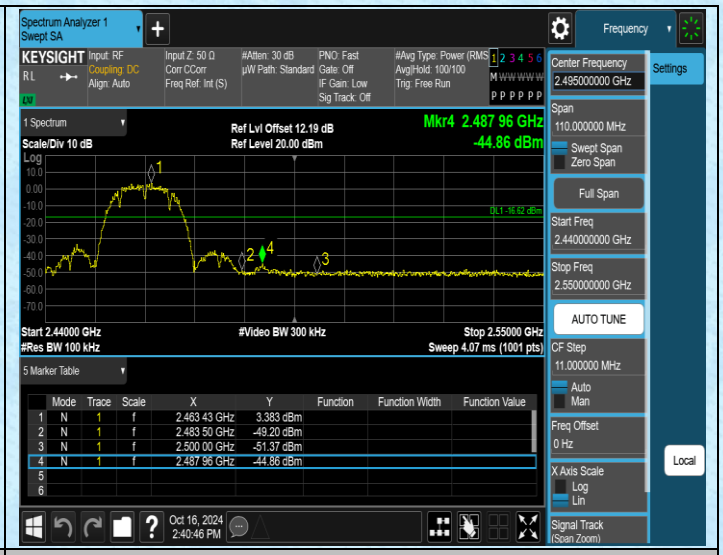
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	4.48	-30.68	≤-15.53	PASS
11B	Ant1	High	2462	1Mbps	3.38	-44.87	≤-16.62	PASS
11G	Ant1	Low	2412	6Mbps	-2.45	-43.63	≤-22.45	PASS
11G	Ant1	High	2462	6Mbps	-2.96	-47.78	≤-22.96	PASS
11N20SISO	Ant1	Low	2412	MCS0	-1.45	-44.64	≤-21.45	PASS
11N20SISO	Ant1	High	2462	MCS0	-1.88	-47.39	≤-21.88	PASS
11N40SISO	Ant1	Low	2422	MCS0	-3.62	-36.09	≤-23.62	PASS
11N40SISO	Ant1	High	2452	MCS0	-3.24	-43.83	≤-23.24	PASS

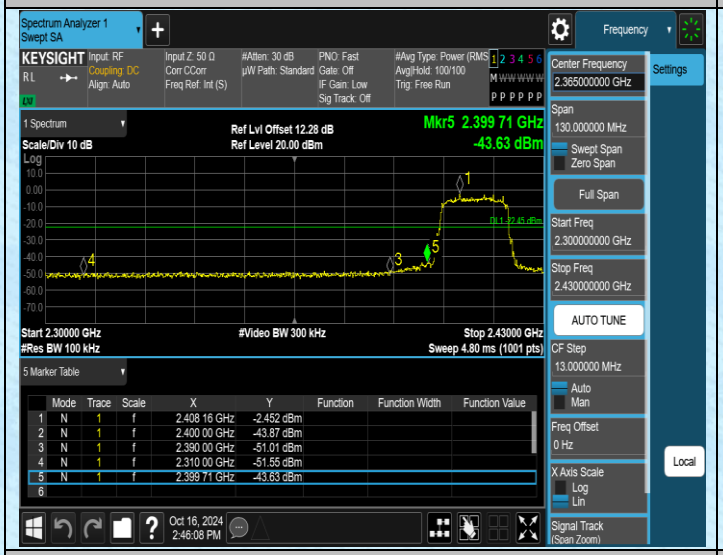
Test Graphs



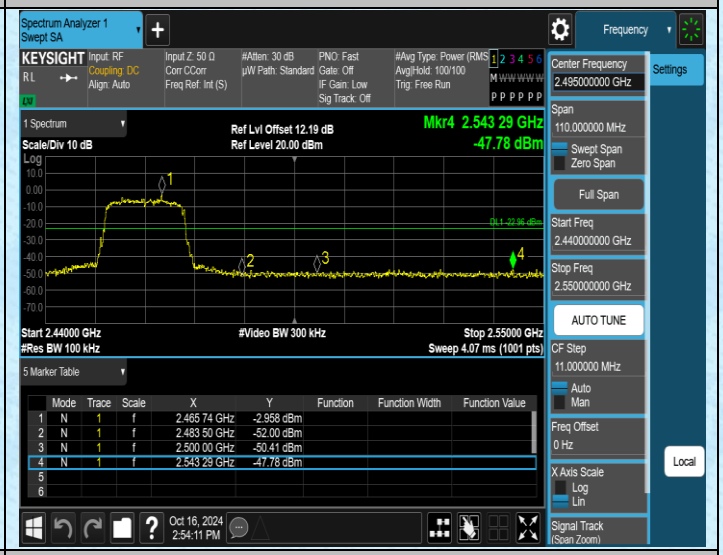
11B-Ant1-2412-PASS



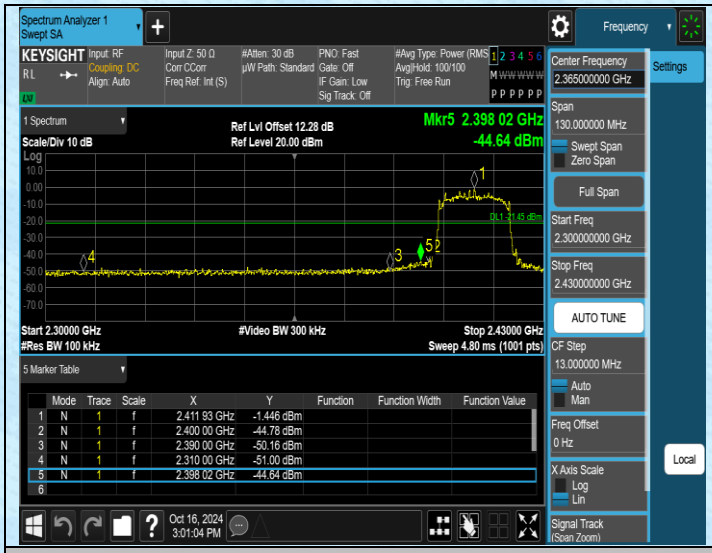
11B-Ant1-2462-PASS



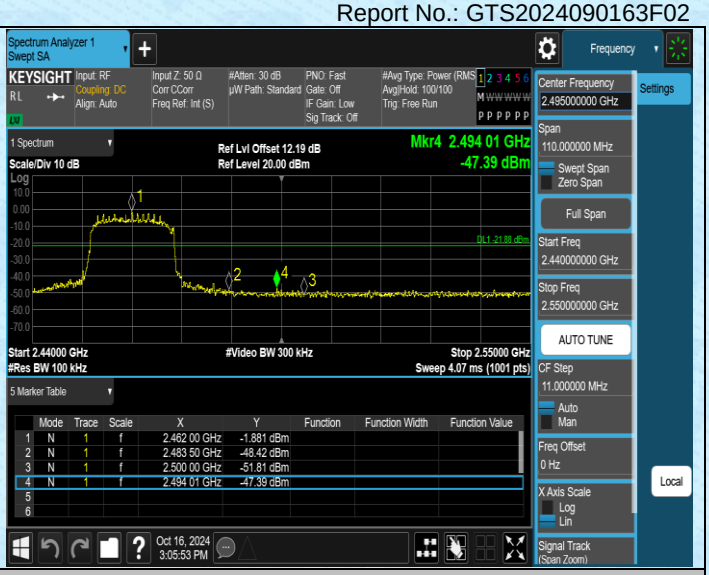
11G-Ant1-2412-PASS



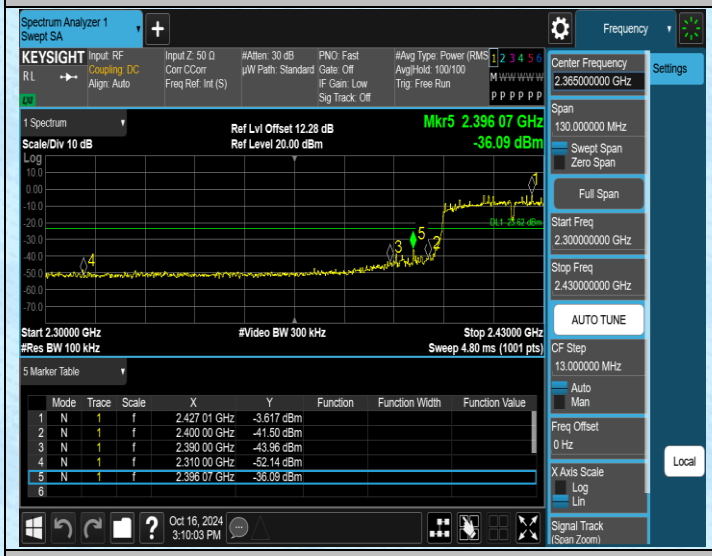
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS

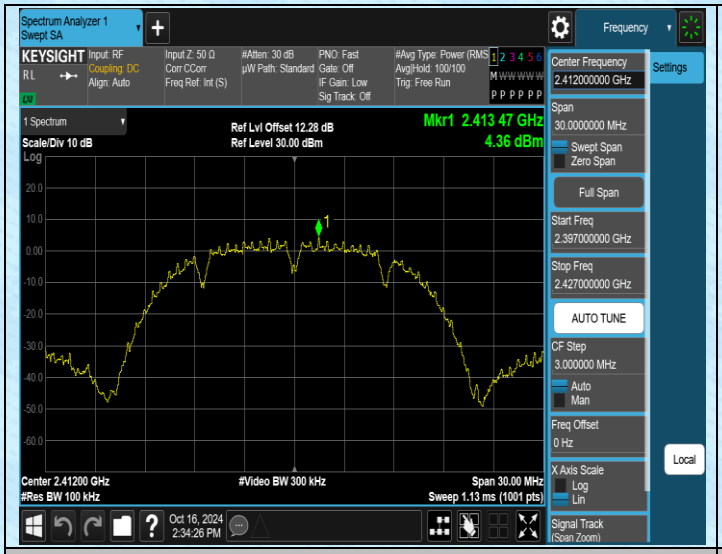
11N40SISO-Ant1-2452-PASS

AppendixF:Conducted Spurious Emission

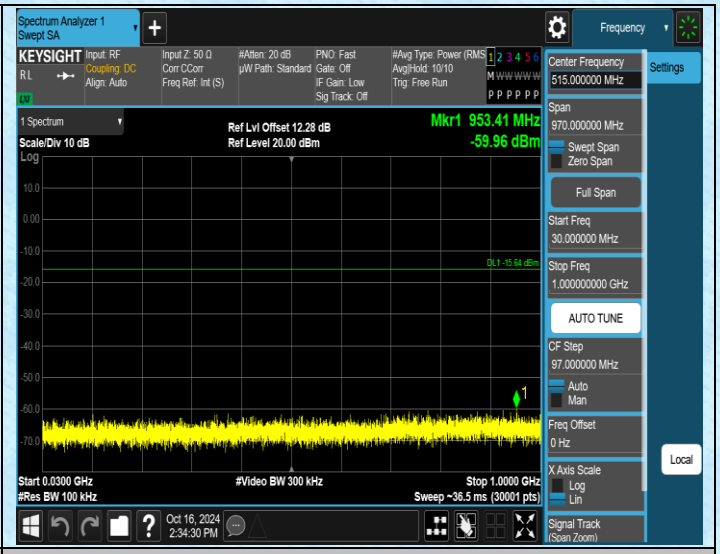
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	0~Reference	4.36	4.36	---	PASS
11B	Ant1	2412	1Mbps	30~1000	4.36	-59.96	≤-15.64	PASS
11B	Ant1	2412	1Mbps	1000~26500	4.36	-44.82	≤-15.64	PASS
11B	Ant1	2437	1Mbps	0~Reference	3.73	3.73	---	PASS
11B	Ant1	2437	1Mbps	30~1000	3.73	-60.79	≤-16.27	PASS
11B	Ant1	2437	1Mbps	1000~26500	3.73	-46.4	≤-16.27	PASS
11B	Ant1	2462	1Mbps	0~Reference	3.44	3.44	---	PASS
11B	Ant1	2462	1Mbps	30~1000	3.44	-60.46	≤-16.56	PASS
11B	Ant1	2462	1Mbps	1000~26500	3.44	-39.16	≤-16.56	PASS
11G	Ant1	2412	6Mbps	0~Reference	-2.60	-2.60	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-2.60	-59.95	≤-22.6	PASS
11G	Ant1	2412	6Mbps	1000~26500	-2.60	-48.68	≤-22.6	PASS
11G	Ant1	2437	6Mbps	0~Reference	-2.43	-2.43	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-2.43	-58.49	≤-22.43	PASS
11G	Ant1	2437	6Mbps	1000~26500	-2.43	-49.19	≤-22.43	PASS
11G	Ant1	2462	6Mbps	0~Reference	-3.12	-3.12	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-3.12	-60.57	≤-23.12	PASS
11G	Ant1	2462	6Mbps	1000~26500	-3.12	-48.96	≤-23.12	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-1.69	-1.69	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-1.69	-59.74	≤-21.69	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-1.69	-48.14	≤-21.69	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-2.27	-2.27	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-2.27	-60.11	≤-22.27	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-2.27	-49.09	≤-22.27	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-1.93	-1.93	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-1.93	-60.57	≤-21.93	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-1.93	-47.54	≤-21.93	PASS
11N40SISO	Ant1	2422	MCS0	0~Reference	-3.37	-3.37	---	PASS
11N40SISO	Ant1	2422	MCS0	30~1000	-3.37	-59.84	≤-23.37	PASS
11N40SISO	Ant1	2422	MCS0	1000~26500	-3.37	-48.52	≤-23.37	PASS
11N40SISO	Ant1	2437	MCS0	0~Reference	-4.17	-4.17	---	PASS
11N40SISO	Ant1	2437	MCS0	30~1000	-4.17	-60.68	≤-24.17	PASS
11N40SISO	Ant1	2437	MCS0	1000~26500	-4.17	-49.23	≤-24.17	PASS
11N40SISO	Ant1	2452	MCS0	0~Reference	-3.24	-3.24	---	PASS
11N40SISO	Ant1	2452	MCS0	30~1000	-3.24	-60.85	≤-23.24	PASS
11N40SISO	Ant1	2452	MCS0	1000~26500	-3.24	-48.65	≤-23.24	PASS

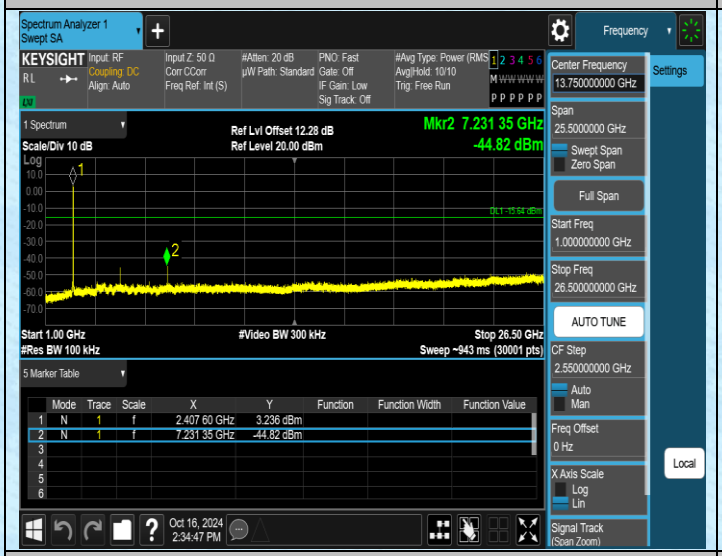
Test Graphs



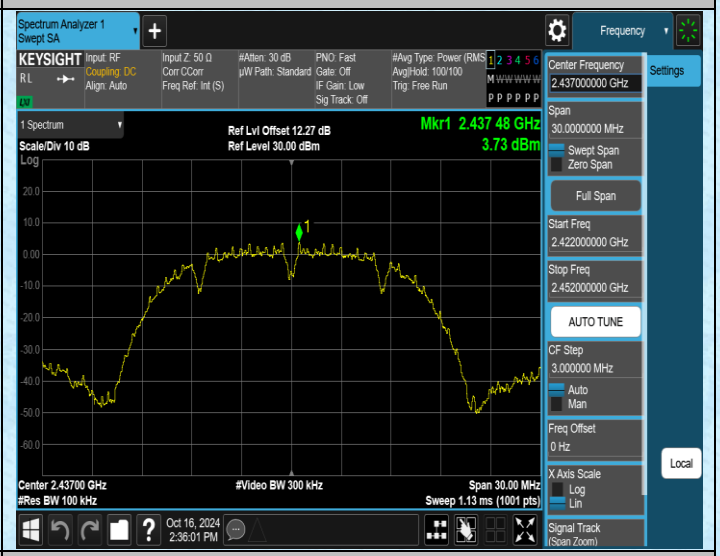
11B-Ant1-2412-0~Reference-PASS



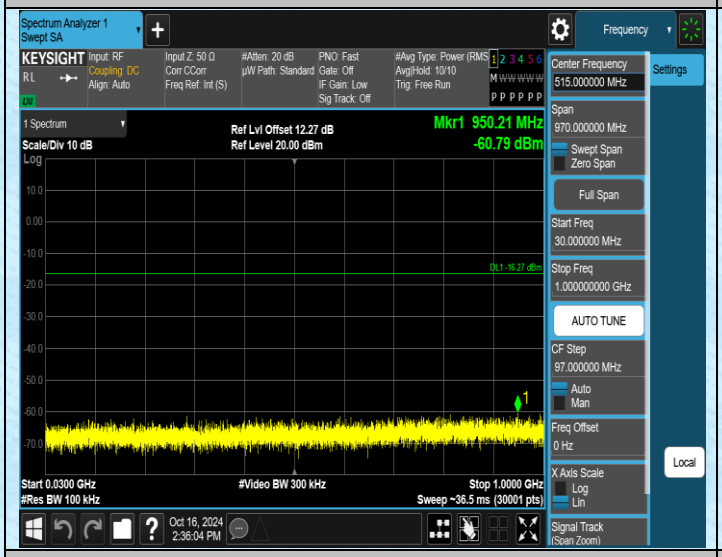
11B-Ant1-2412-30~1000-PASS



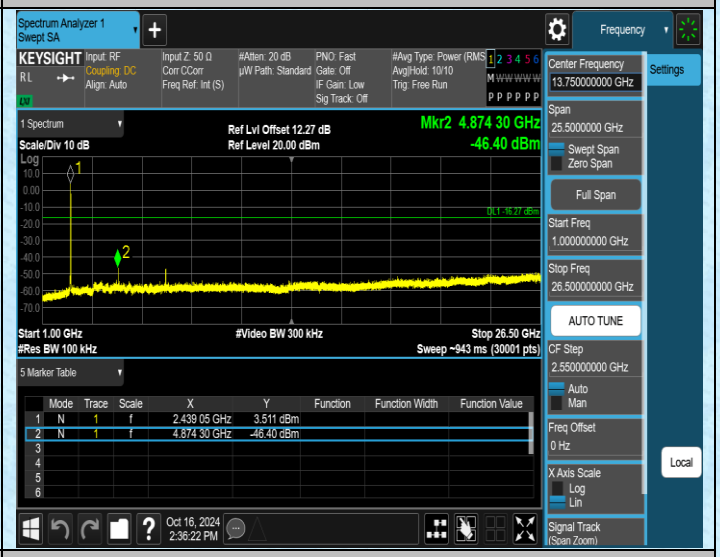
11B-Ant1-2412-1000~26500-PASS



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



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



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