AppendixA: DTS Bandwidth

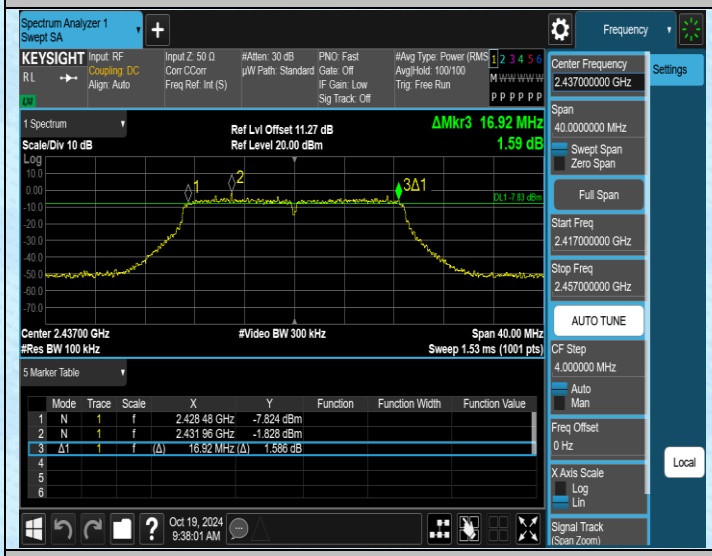
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant3	2412	MCS0	17.040	2403.480	2420.520	0.5	PASS
11N20SISO	Ant4	2412	MCS0	16.800	2403.600	2420.400	0.5	PASS
11N20SISO	Ant3	2437	MCS0	16.920	2428.480	2445.400	0.5	PASS
11N20SISO	Ant4	2437	MCS0	16.920	2428.480	2445.400	0.5	PASS
11N20SISO	Ant3	2462	MCS0	16.840	2453.560	2470.400	0.5	PASS
11N20SISO	Ant4	2462	MCS0	16.760	2453.600	2470.360	0.5	PASS
11N20MIMO	Ant3	2412	MCS0	16.920	2403.560	2420.480	0.5	PASS
11N20MIMO	Ant4	2412	MCS0	16.280	2404.080	2420.360	0.5	PASS
11N20MIMO	Ant3	2437	MCS0	16.800	2428.600	2445.400	0.5	PASS
11N20MIMO	Ant4	2437	MCS0	16.800	2428.600	2445.400	0.5	PASS
11N20MIMO	Ant3	2462	MCS0	17.560	2453.200	2470.760	0.5	PASS
11N20MIMO	Ant4	2462	MCS0	17.200	2453.200	2470.400	0.5	PASS

Test Graphs

11N20SISO-Ant3-2412-PASS

11N20SISO-Ant4-2412-PASS



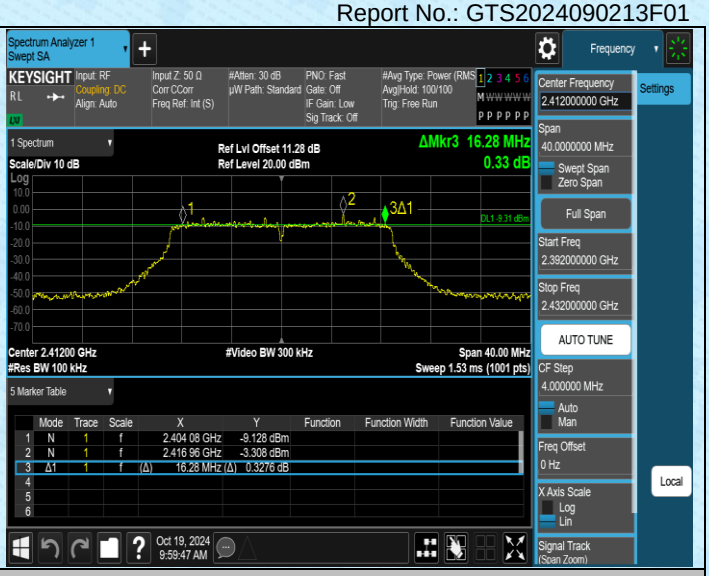
11N20SISO-Ant3-2437-PASS

11N20SISO-Ant4-2437-PASS

11N20SISO-Ant3-2462-PASS

11N20SISO-Ant4-2462-PASS

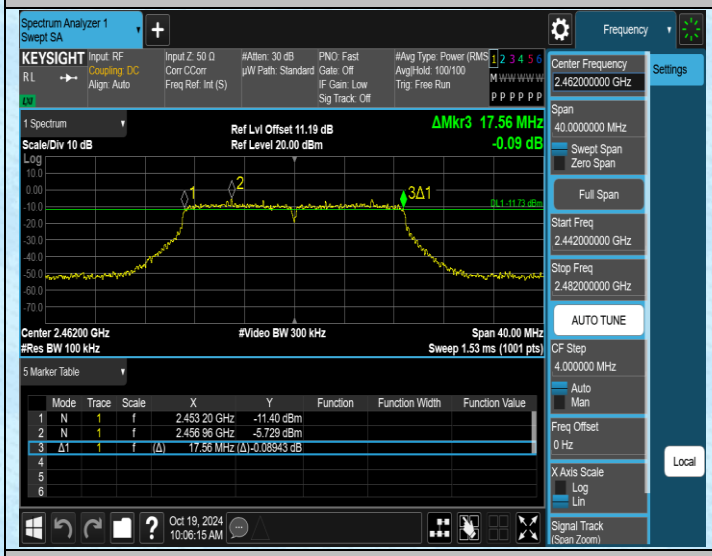
11N20MIMO-Ant3-2412-PASS



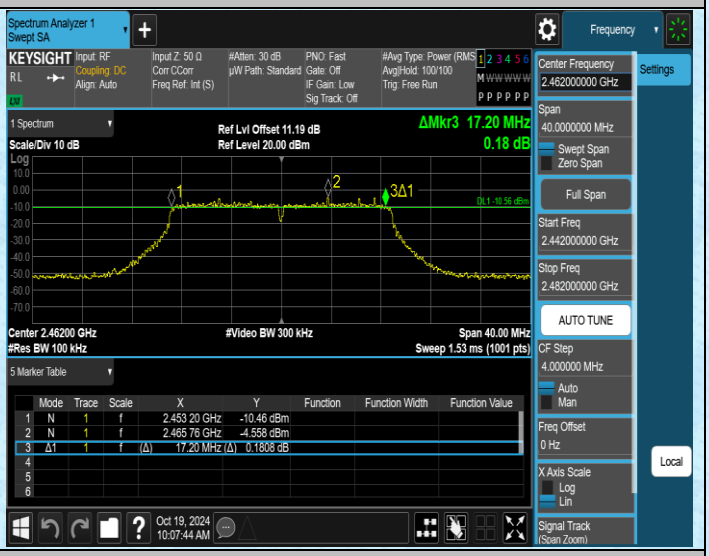
11N20MIMO-Ant4-2412-PASS

11N20MIMO-Ant3-2437-PASS

11N20MIMO-Ant4-2437-PASS



11N20MIMO-Ant3-2462-PASS



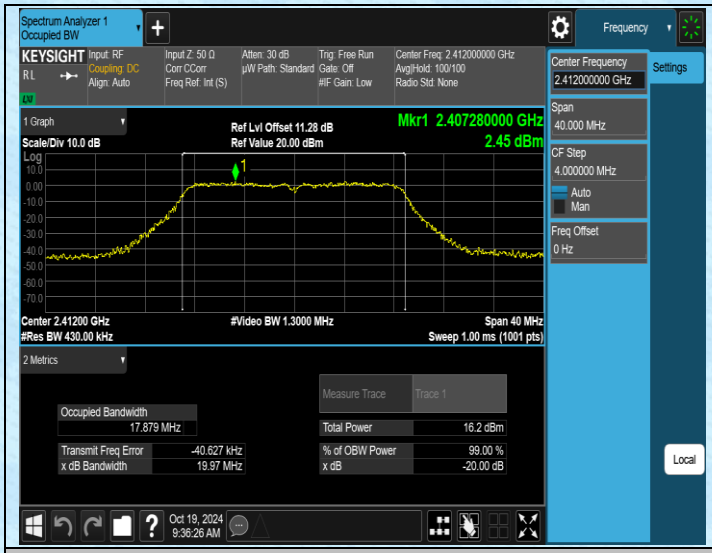
11N20MIMO-Ant4-2462-PASS

AppendixB: Occupied Channel Bandwidth

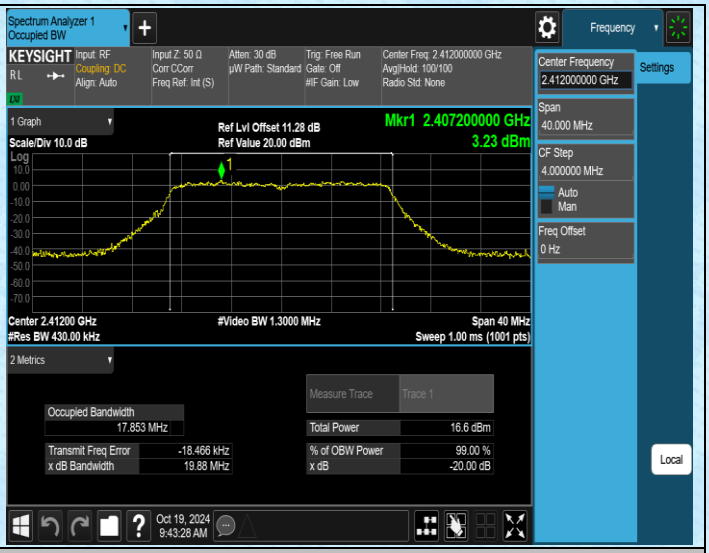
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant3	2412	MCS0	17.879	2403.0199	2420.8989	---	---
11N20SISO	Ant4	2412	MCS0	17.853	2403.0550	2420.9080	---	---
11N20SISO	Ant3	2437	MCS0	17.910	2427.9829	2445.8929	---	---
11N20SISO	Ant4	2437	MCS0	17.826	2428.0675	2445.8935	---	---
11N20SISO	Ant3	2462	MCS0	17.835	2453.0172	2470.8522	---	---
11N20SISO	Ant4	2462	MCS0	17.822	2453.0589	2470.8809	---	---
11N20MIMO	Ant3	2412	MCS0	17.872	2403.0326	2420.9046	---	---
11N20MIMO	Ant4	2412	MCS0	17.864	2403.0453	2420.9093	---	---
11N20MIMO	Ant3	2437	MCS0	17.860	2428.0274	2445.8874	---	---
11N20MIMO	Ant4	2437	MCS0	17.805	2428.0834	2445.8884	---	---
11N20MIMO	Ant3	2462	MCS0	17.902	2452.9634	2470.8654	---	---
11N20MIMO	Ant4	2462	MCS0	17.852	2453.0328	2470.8848	---	---

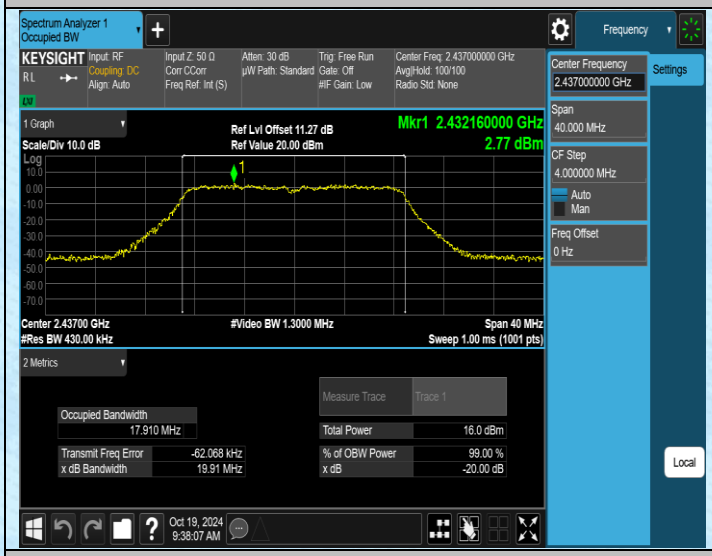
Test Graphs



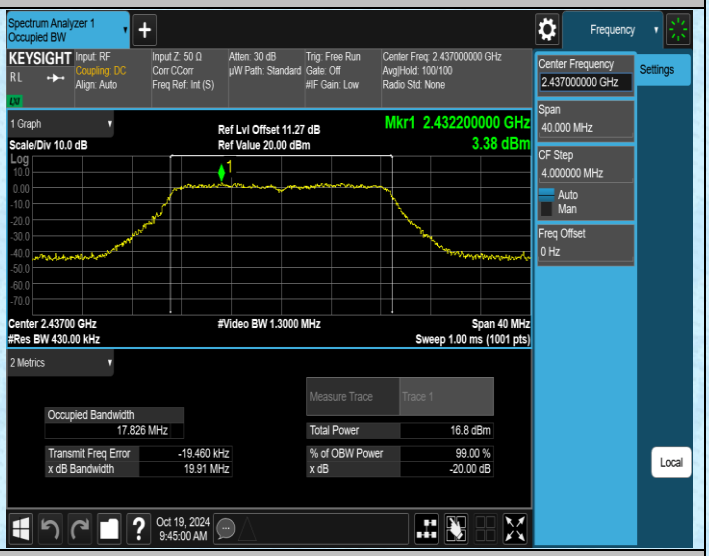
11N20SISO-Ant3-2412



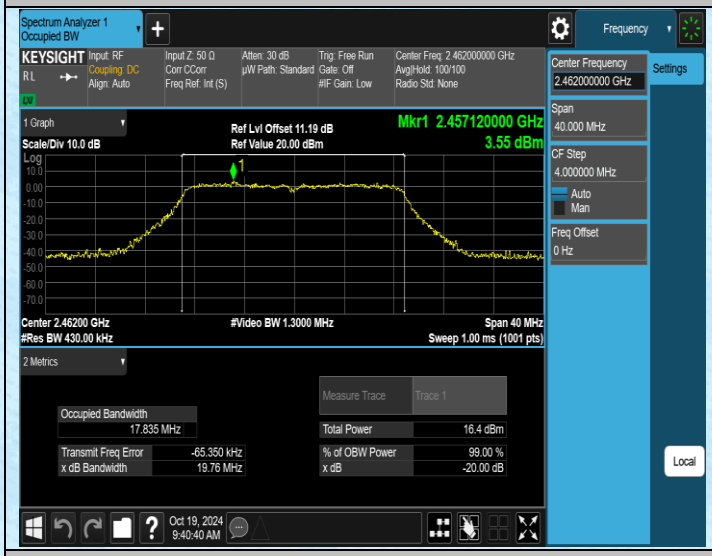
11N20SISO-Ant4-2412



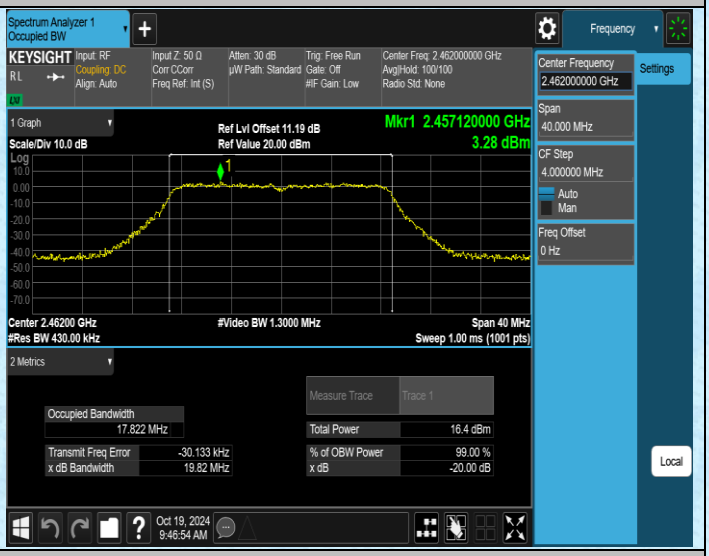
11N20SISO-Ant3-2437



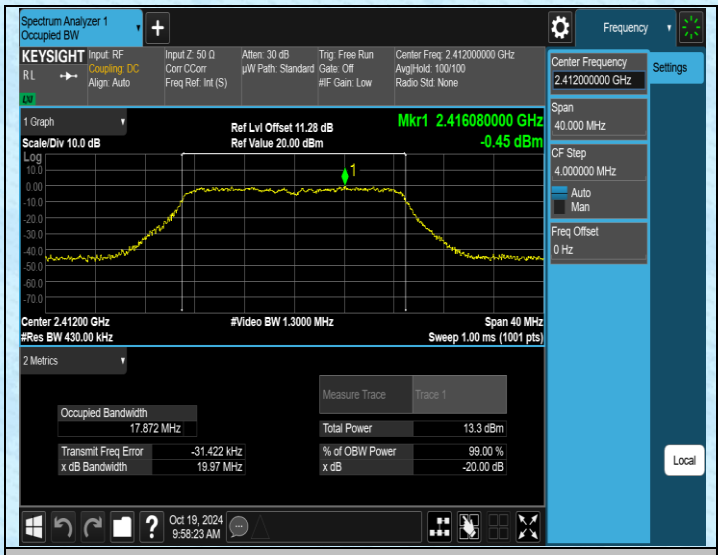
11N20SISO-Ant4-2437



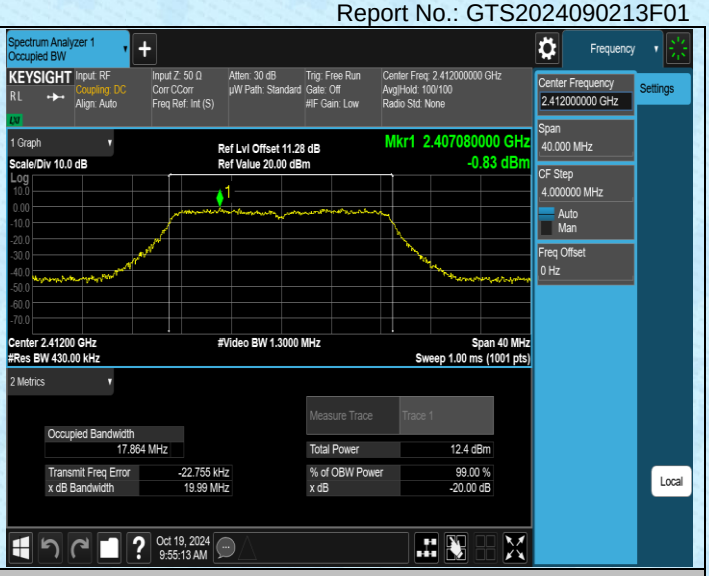
11N20SISO-Ant3-2462



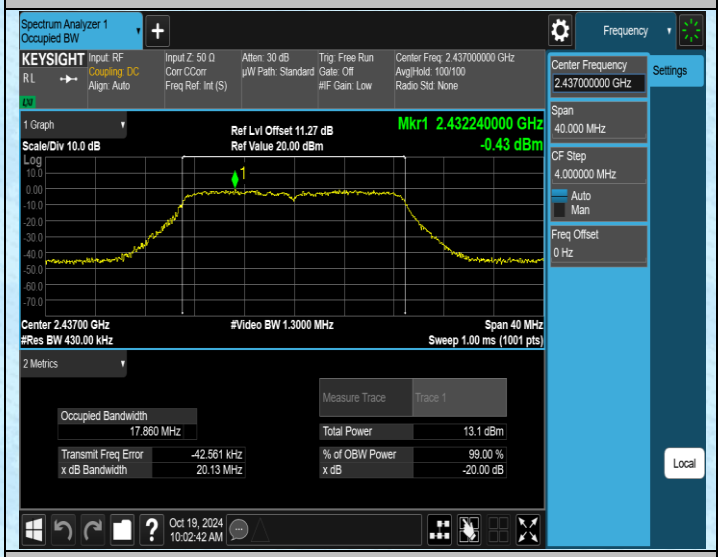
11N20SISO-Ant4-2462



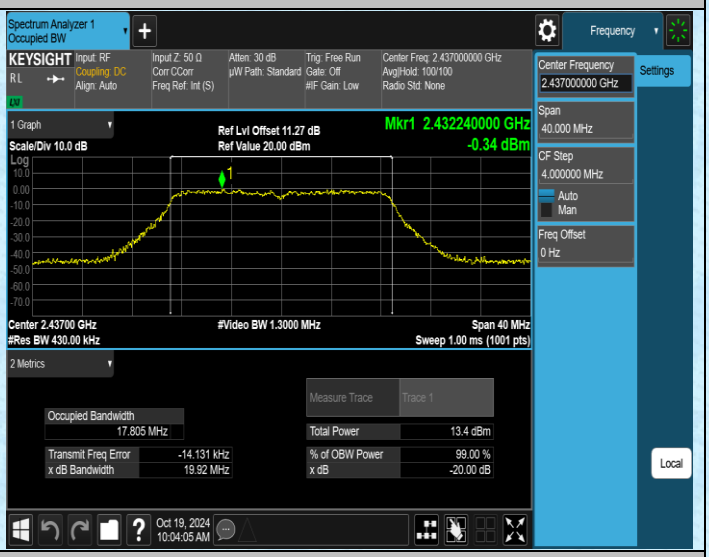
11N20MIMO-Ant3-2412



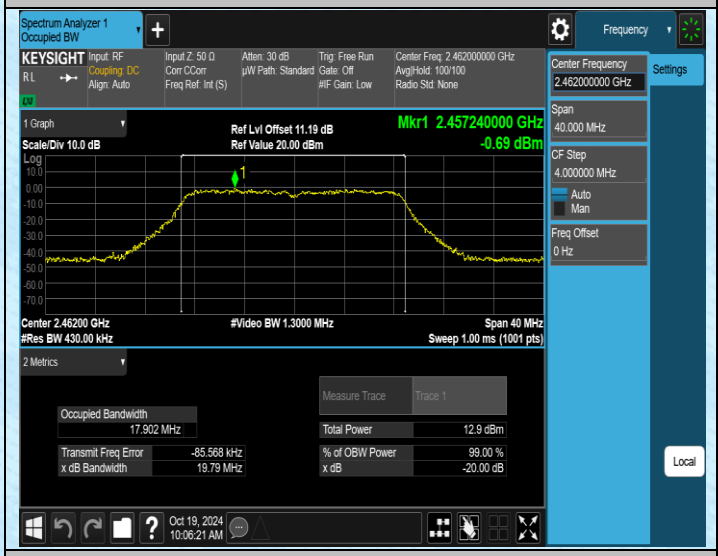
11N20MIMO-Ant4-2412



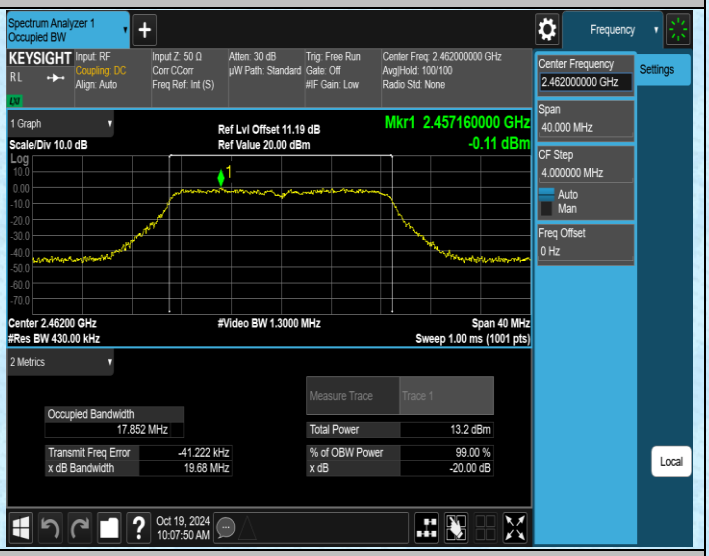
11N20MIMO-Ant3-2437



11N20MIMO-Ant4-2437



11N20MIMO-Ant3-2462



11N20MIMO-Ant4-2462

AppendixC: Maximum conducted output power

Test Result Peak

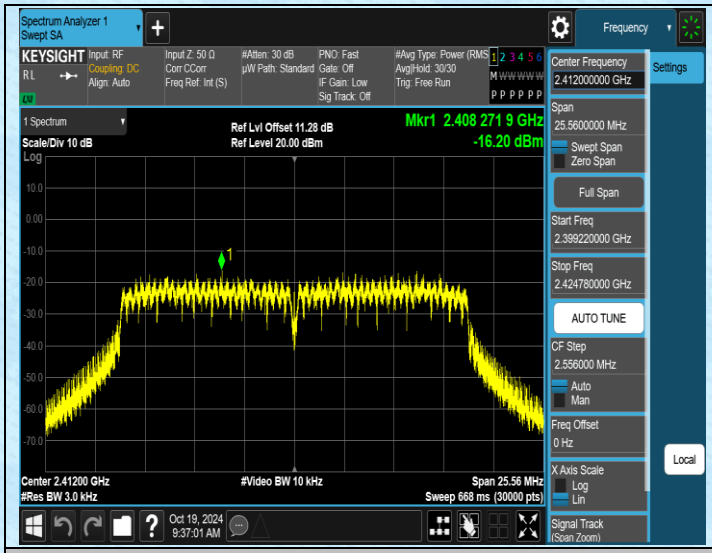
Test Mode	Antenna	Frequency[MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11N20SISO	Ant3	2412	MCS0	17.46	≤30.00	PASS
11N20SISO	Ant4	2412	MCS0	17.80	≤30.00	PASS
11N20SISO	Ant3	2437	MCS0	17.10	≤30.00	PASS
11N20SISO	Ant4	2437	MCS0	17.91	≤30.00	PASS
11N20SISO	Ant3	2462	MCS0	17.61	≤30.00	PASS
11N20SISO	Ant4	2462	MCS0	17.52	≤30.00	PASS
11N20MIMO	Ant3	2412	MCS0	14.51	≤30.00	PASS
11N20MIMO	Ant4	2412	MCS0	14.36	≤30.00	PASS
11N20MIMO	total	2412	MCS0	17.45	≤30.00	PASS
11N20MIMO	Ant3	2437	MCS0	14.29	≤30.00	PASS
11N20MIMO	Ant4	2437	MCS0	14.51	≤30.00	PASS
11N20MIMO	total	2437	MCS0	17.41	≤30.00	PASS
11N20MIMO	Ant3	2462	MCS0	14.05	≤30.00	PASS
11N20MIMO	Ant4	2462	MCS0	14.48	≤30.00	PASS
11N20MIMO	total	2462	MCS0	17.28	≤30.00	PASS

AppendixD: Maximum power spectral density

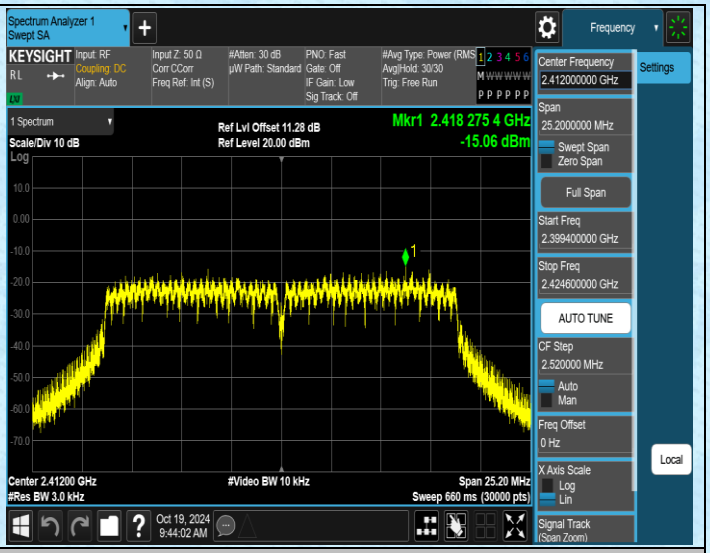
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11N20SISO	Ant3	2412	MCS0	-16.2	≤8.00	PASS
11N20SISO	Ant4	2412	MCS0	-15.06	≤8.00	PASS
11N20SISO	Ant3	2437	MCS0	-15.6	≤8.00	PASS
11N20SISO	Ant4	2437	MCS0	-14.83	≤8.00	PASS
11N20SISO	Ant3	2462	MCS0	-15.08	≤8.00	PASS
11N20SISO	Ant4	2462	MCS0	-15.25	≤8.00	PASS
11N20MIMO	Ant3	2412	MCS0	-18.14	≤8.00	PASS
11N20MIMO	Ant4	2412	MCS0	-17.42	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-14.75	≤8.00	PASS
11N20MIMO	Ant3	2437	MCS0	-18.58	≤8.00	PASS
11N20MIMO	Ant4	2437	MCS0	-18.93	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-15.74	≤8.00	PASS
11N20MIMO	Ant3	2462	MCS0	-20.15	≤8.00	PASS
11N20MIMO	Ant4	2462	MCS0	-18.44	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-16.20	≤8.00	PASS

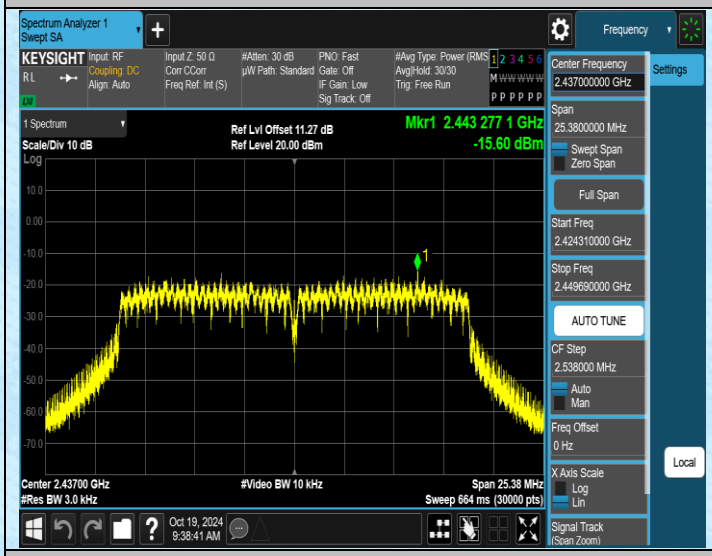
Test Graphs



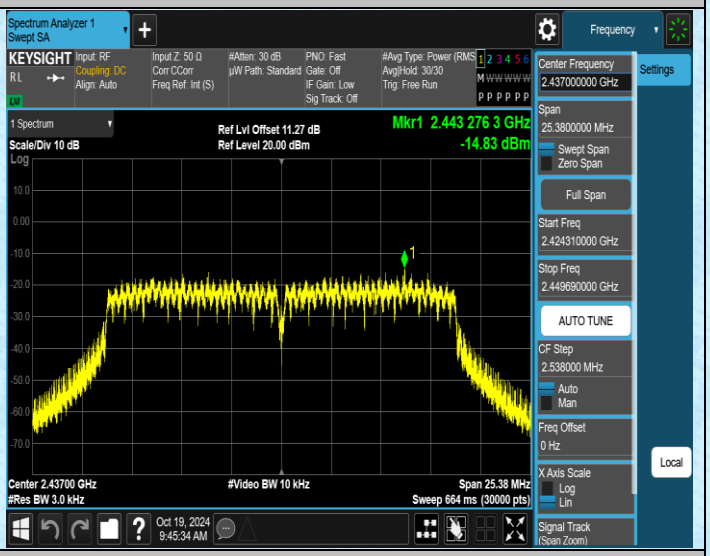
11N20SISO-Ant3-2412-PASS



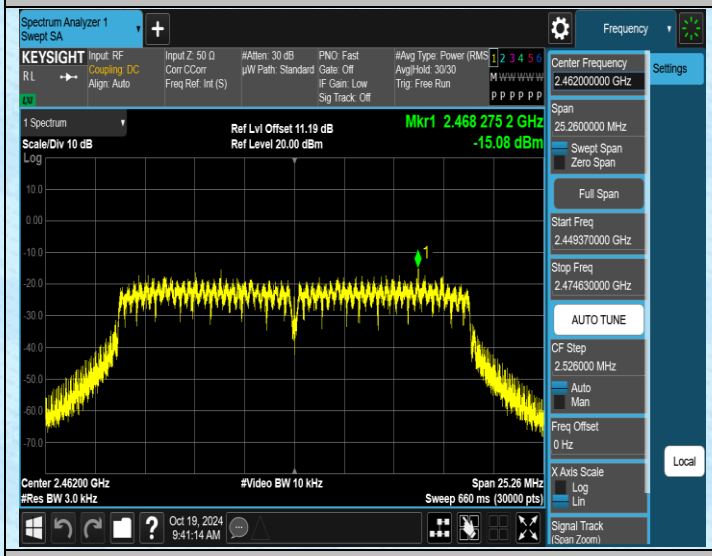
11N20SISO-Ant4-2412-PASS



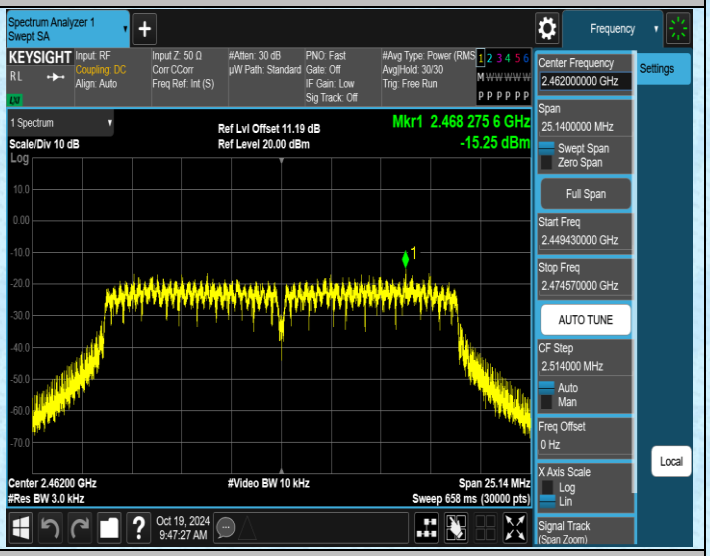
11N20SISO-Ant3-2437-PASS



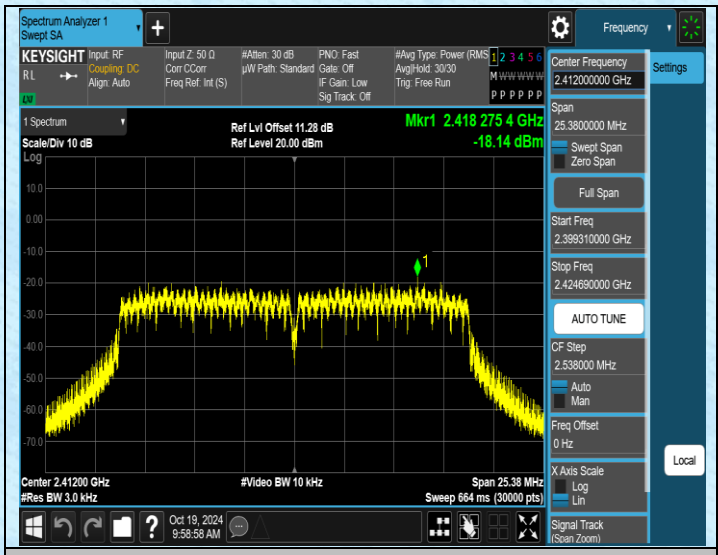
11N20SISO-Ant4-2437-PASS



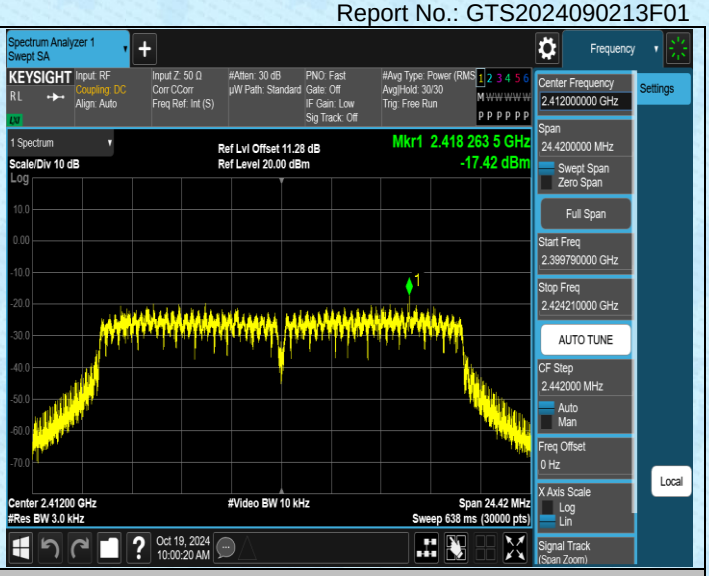
11N20SISO-Ant3-2462-PASS



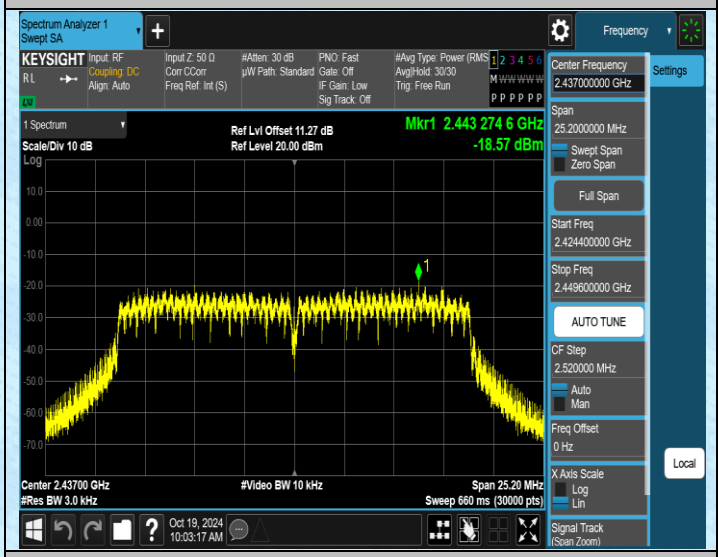
11N20SISO-Ant4-2462-PASS



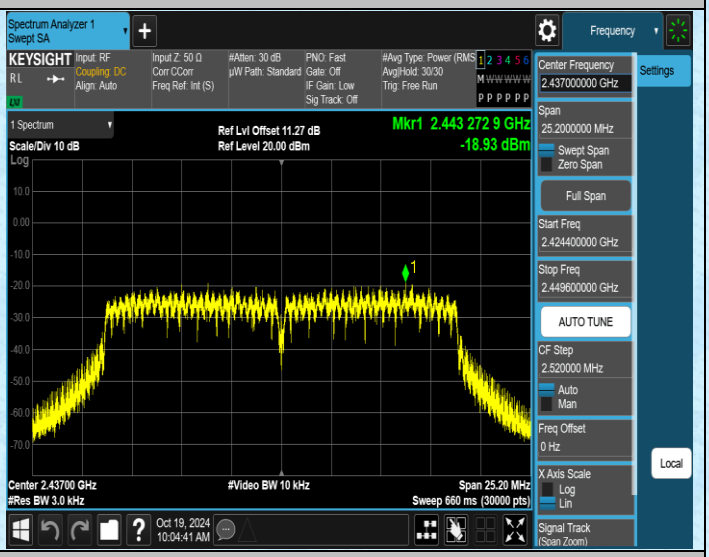
11N20MIMO-Ant3-2412-PASS



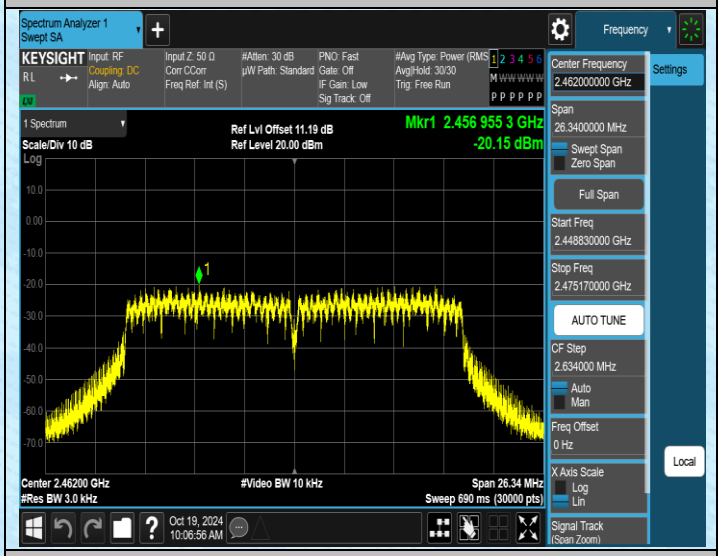
11N20MIMO-Ant4-2412-PASS



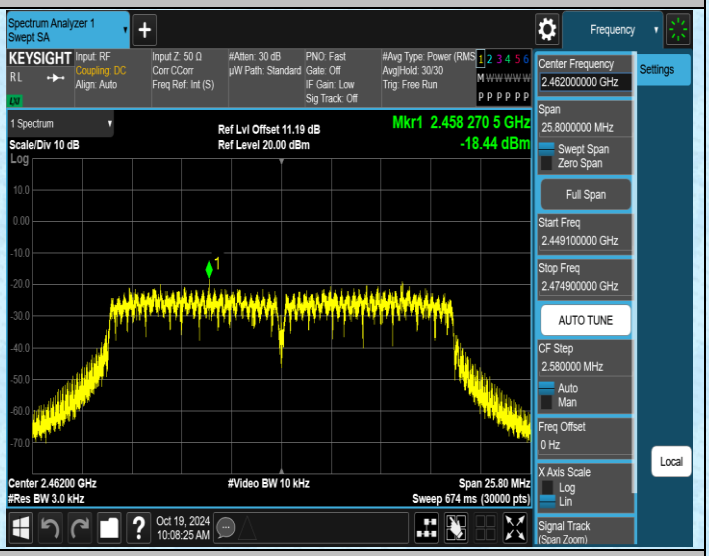
11N20MIMO-Ant3-2437-PASS



11N20MIMO-Ant4-2437-PASS



11N20MIMO-Ant3-2462-PASS



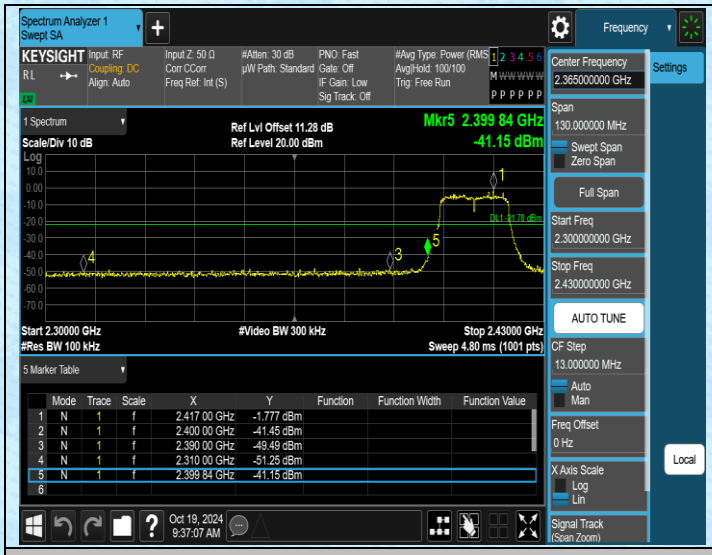
11N20MIMO-Ant4-2462-PASS

AppendixE:Band edge measurements

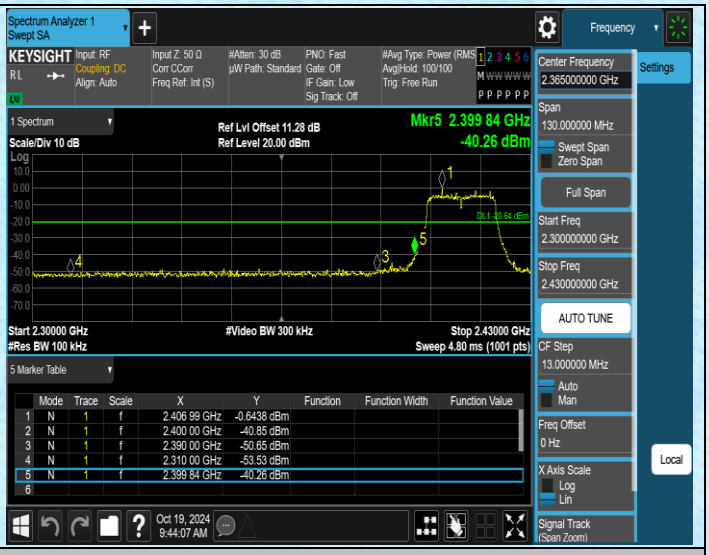
Test Result

Test Mode	Antenna	Channel	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	Ant3	Low	2412	MCS0	-1.78	-41.15	≤-21.78	PASS
11N20SISO	Ant4	Low	2412	MCS0	-0.64	-40.26	≤-20.64	PASS
11N20SISO	Ant3	High	2462	MCS0	-0.91	-48.59	≤-20.91	PASS
11N20SISO	Ant4	High	2462	MCS0	-1.40	-48.57	≤-21.4	PASS
11N20MIMO	Ant3	Low	2412	MCS0	-4.29	-42.03	≤-24.29	PASS
11N20MIMO	Ant4	Low	2412	MCS0	-4.68	-44.08	≤-24.68	PASS
11N20MIMO	Ant3	High	2462	MCS0	-5.31	-47.75	≤-25.31	PASS
11N20MIMO	Ant4	High	2462	MCS0	-4.51	-48.33	≤-24.51	PASS

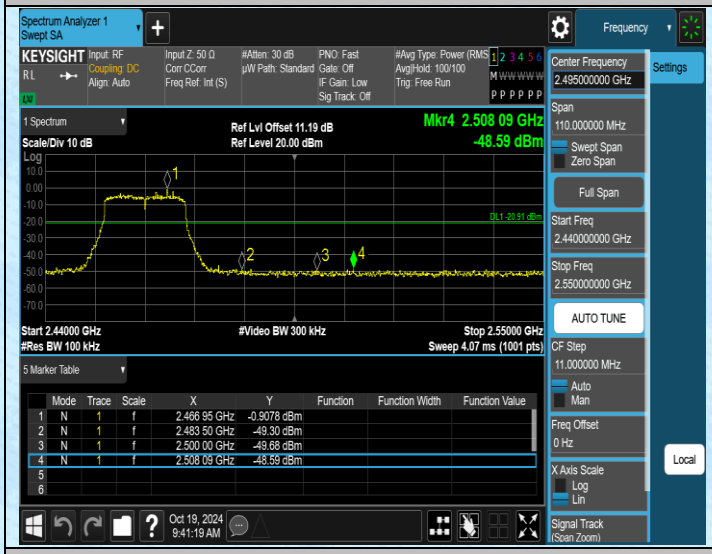
Test Graphs



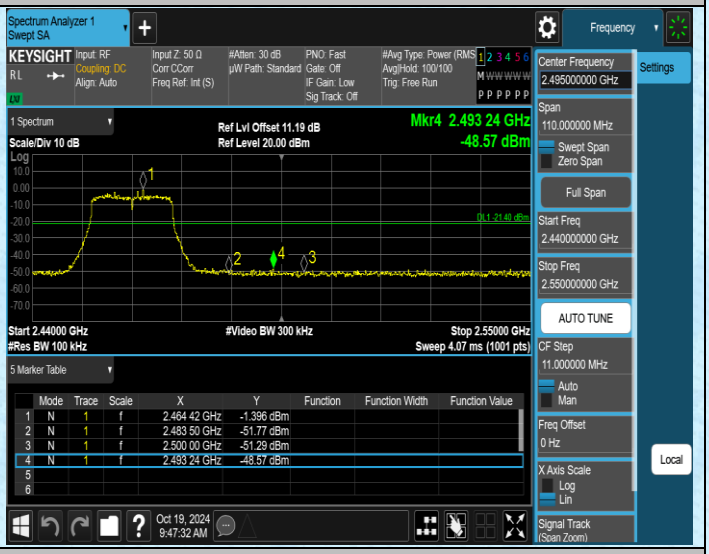
11N20SISO-Ant3-2412-PASS



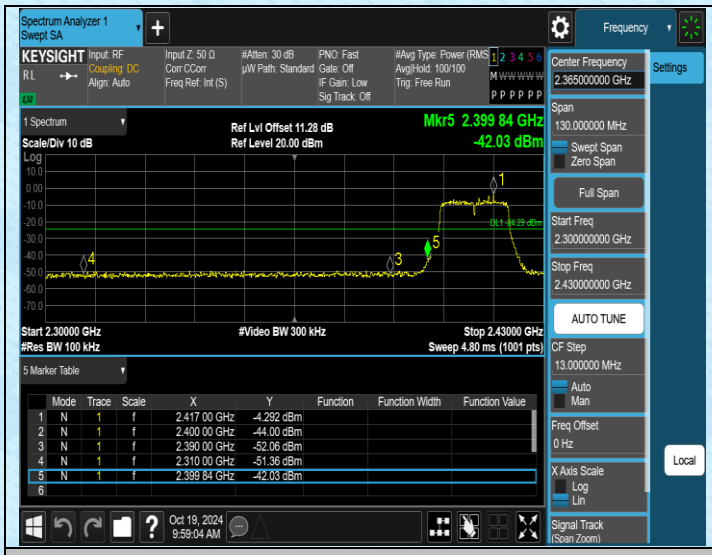
11N20SISO-Ant4-2412-PASS



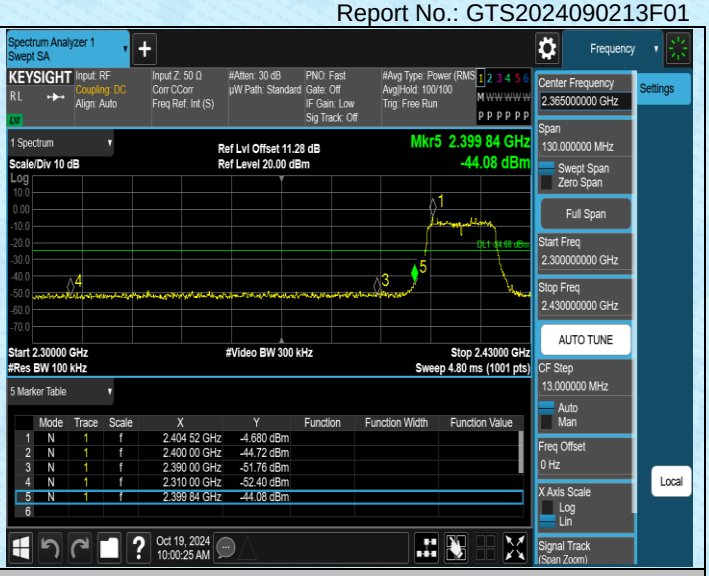
11N20SISO-Ant3-2462-PASS



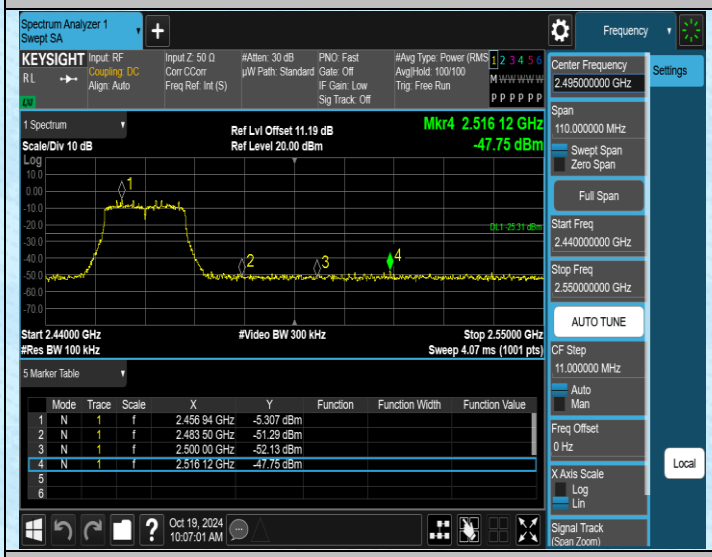
11N20SISO-Ant4-2462-PASS



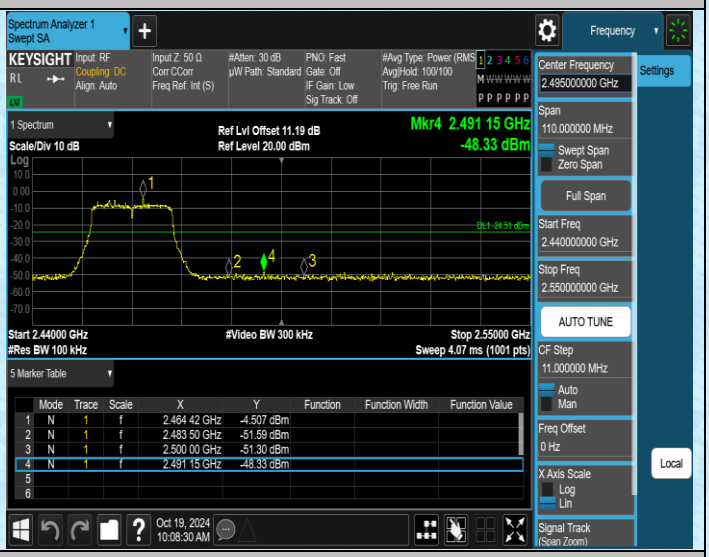
11N20MIMO-Ant3-2412-PASS



11N20MIMO-Ant4-2412-PASS



11N20MIMO-Ant3-2462-PASS



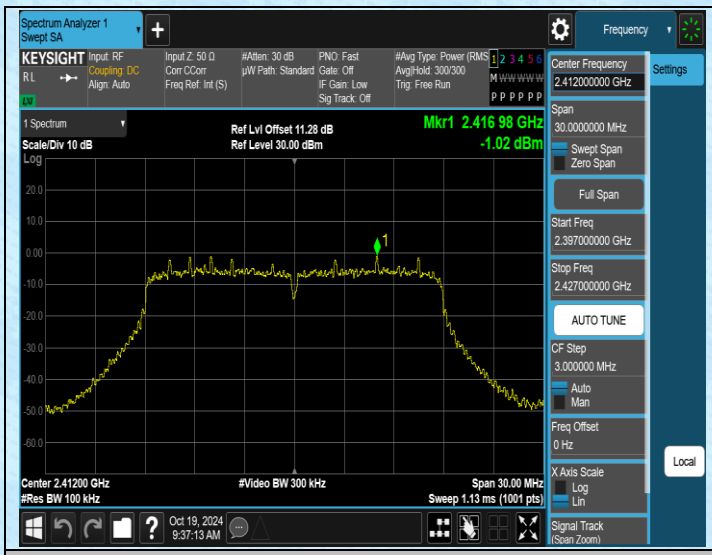
11N20MIMO-Ant4-2462-PASS

AppendixF:Conducted Spurious Emission

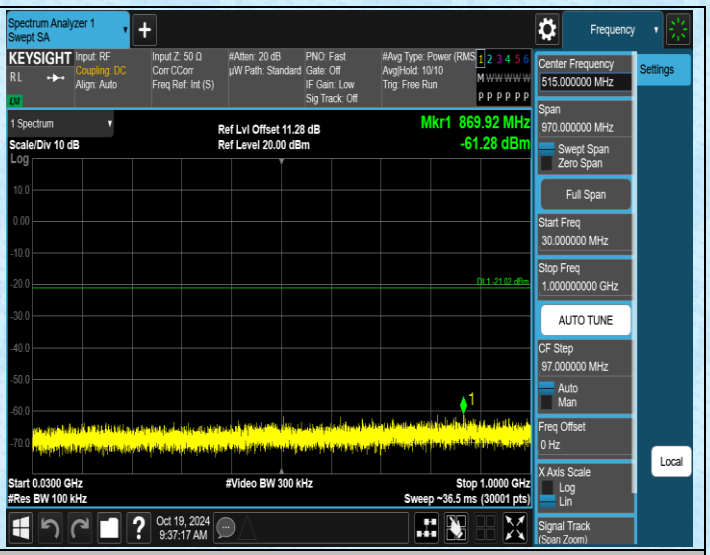
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11N20SISO	Ant3	2412	MCS0	0~Reference	-1.02	-1.02	---	PASS
11N20SISO	Ant3	2412	MCS0	30~1000	-1.02	-61.28	≤-21.02	PASS
11N20SISO	Ant3	2412	MCS0	1000~26500	-1.02	-48.98	≤-21.02	PASS
11N20SISO	Ant4	2412	MCS0	0~Reference	-0.70	-0.70	---	PASS
11N20SISO	Ant4	2412	MCS0	30~1000	-0.70	-61.56	≤-20.7	PASS
11N20SISO	Ant4	2412	MCS0	1000~26500	-0.70	-49.46	≤-20.7	PASS
11N20SISO	Ant3	2437	MCS0	0~Reference	-1.14	-1.14	---	PASS
11N20SISO	Ant3	2437	MCS0	30~1000	-1.14	-61.07	≤-21.14	PASS
11N20SISO	Ant3	2437	MCS0	1000~26500	-1.14	-49.27	≤-21.14	PASS
11N20SISO	Ant4	2437	MCS0	0~Reference	-0.60	-0.60	---	PASS
11N20SISO	Ant4	2437	MCS0	30~1000	-0.60	-61.35	≤-20.6	PASS
11N20SISO	Ant4	2437	MCS0	1000~26500	-0.60	-49.47	≤-20.6	PASS
11N20SISO	Ant3	2462	MCS0	0~Reference	-0.84	-0.84	---	PASS
11N20SISO	Ant3	2462	MCS0	30~1000	-0.84	-61.29	≤-20.84	PASS
11N20SISO	Ant3	2462	MCS0	1000~26500	-0.84	-50.11	≤-20.84	PASS
11N20SISO	Ant4	2462	MCS0	0~Reference	-0.77	-0.77	---	PASS
11N20SISO	Ant4	2462	MCS0	30~1000	-0.77	-61.29	≤-20.77	PASS
11N20SISO	Ant4	2462	MCS0	1000~26500	-0.77	-49.8	≤-20.77	PASS
11N20MIMO	Ant3	2412	MCS0	0~Reference	-3.77	-3.77	---	PASS
11N20MIMO	Ant3	2412	MCS0	30~1000	-3.77	-61.49	≤-23.77	PASS
11N20MIMO	Ant3	2412	MCS0	1000~26500	-3.77	-49.71	≤-23.77	PASS
11N20MIMO	Ant4	2412	MCS0	0~Reference	-4.49	-4.49	---	PASS
11N20MIMO	Ant4	2412	MCS0	30~1000	-4.49	-60.49	≤-24.49	PASS
11N20MIMO	Ant4	2412	MCS0	1000~26500	-4.49	-50	≤-24.49	PASS
11N20MIMO	Ant3	2437	MCS0	0~Reference	-4.01	-4.01	---	PASS
11N20MIMO	Ant3	2437	MCS0	30~1000	-4.01	-60.99	≤-24.01	PASS
11N20MIMO	Ant3	2437	MCS0	1000~26500	-4.01	-48.87	≤-24.01	PASS
11N20MIMO	Ant4	2437	MCS0	0~Reference	-3.37	-3.37	---	PASS
11N20MIMO	Ant4	2437	MCS0	30~1000	-3.37	-61.87	≤-23.37	PASS
11N20MIMO	Ant4	2437	MCS0	1000~26500	-3.37	-49.9	≤-23.37	PASS
11N20MIMO	Ant3	2462	MCS0	0~Reference	-4.07	-4.07	---	PASS
11N20MIMO	Ant3	2462	MCS0	30~1000	-4.07	-61.94	≤-24.07	PASS
11N20MIMO	Ant3	2462	MCS0	1000~26500	-4.07	-50	≤-24.07	PASS
11N20MIMO	Ant4	2462	MCS0	0~Reference	-4.28	-4.28	---	PASS
11N20MIMO	Ant4	2462	MCS0	30~1000	-4.28	-61.52	≤-24.28	PASS
11N20MIMO	Ant4	2462	MCS0	1000~26500	-4.28	-50.22	≤-24.28	PASS

Test Graphs

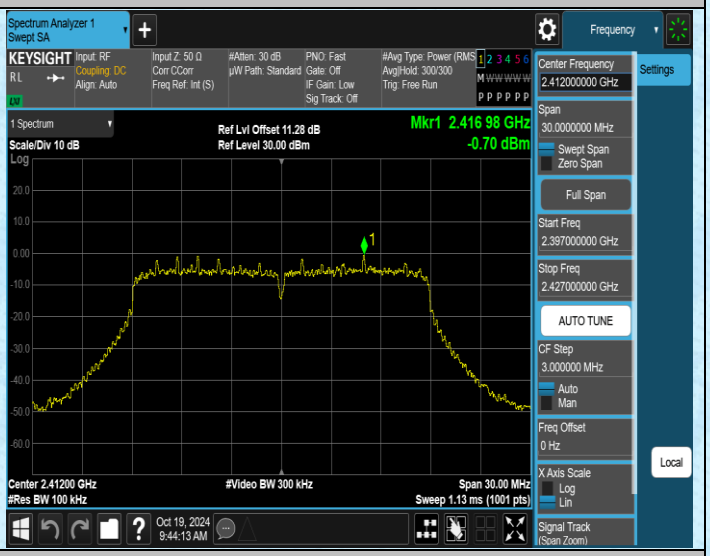


11N20SISO-Ant3-2412-0~Reference-PASS

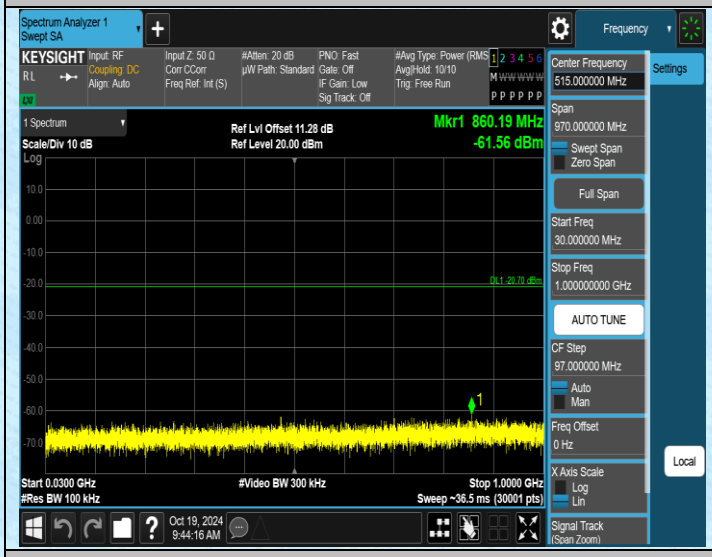


11N20SISO-Ant3-2412-30~1000-PASS

11N20SISO-Ant3-2412-1000~26500-PASS



11N20SISO-Ant4-2412-0~Reference-PASS



11N20SISO-Ant4-2412-30~1000-PASS

11N20SISO-Ant4-2412-1000~26500-PASS