AppendixA: DTS Bandwidth

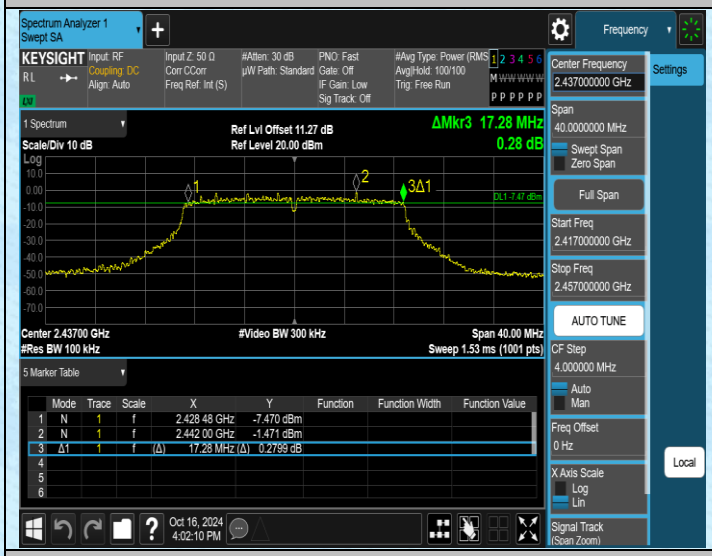
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant1	2412	MCS0	16.680	2403.840	2420.520	0.5	PASS
11N20SISO	Ant2	2412	MCS0	17.520	2403.240	2420.760	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.280	2428.480	2445.760	0.5	PASS
11N20SISO	Ant2	2437	MCS0	17.200	2428.560	2445.760	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.560	2453.200	2470.760	0.5	PASS
11N20SISO	Ant2	2462	MCS0	15.720	2453.840	2469.560	0.5	PASS
11N20MIMO	Ant1	2412	MCS0	17.520	2403.240	2420.760	0.5	PASS
11N20MIMO	Ant2	2412	MCS0	16.480	2403.880	2420.360	0.5	PASS
11N20MIMO	Ant1	2437	MCS0	17.520	2428.240	2445.760	0.5	PASS
11N20MIMO	Ant2	2437	MCS0	17.000	2428.480	2445.480	0.5	PASS
11N20MIMO	Ant1	2462	MCS0	17.560	2453.200	2470.760	0.5	PASS
11N20MIMO	Ant2	2462	MCS0	17.160	2453.600	2470.760	0.5	PASS

Test Graphs

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant2-2412-PASS



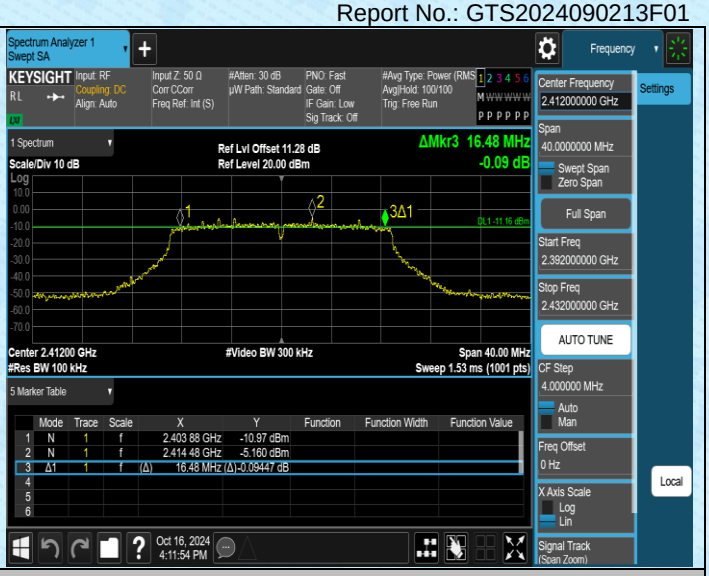
11N20SISO-Ant1-2437-PASS

11N20SISO-Ant2-2437-PASS

11N20SISO-Ant1-2462-PASS

11N20SISO-Ant2-2462-PASS

11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS

11N20MIMO-Ant1-2437-PASS

11N20MIMO-Ant2-2437-PASS

11N20MIMO-Ant1-2462-PASS

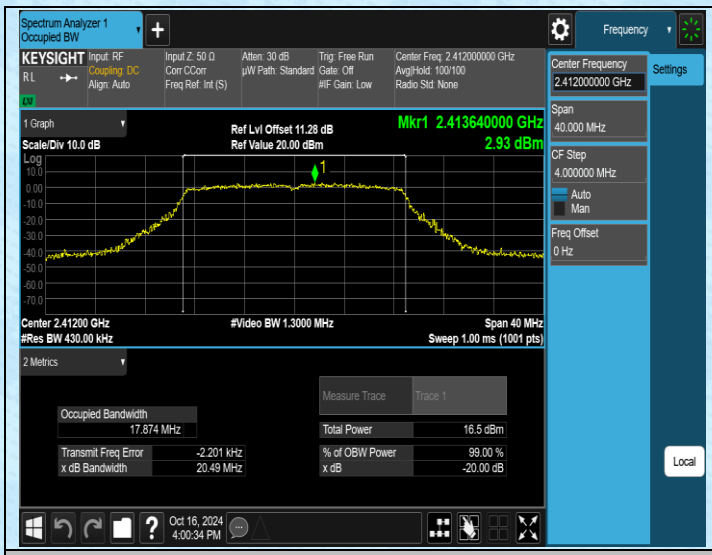
11N20MIMO-Ant2-2462-PASS

AppendixB: Occupied Channel Bandwidth

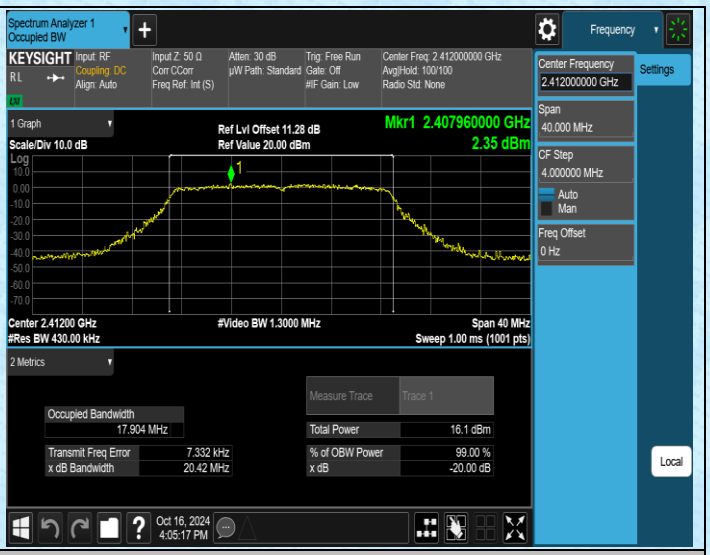
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]
11N20SISO	Ant1	2412	MCS0	17.874	2403.0608	2420.9348
11N20SISO	Ant2	2412	MCS0	17.904	2403.0553	2420.9593
11N20SISO	Ant1	2437	MCS0	17.953	2427.9848	2445.9378
11N20SISO	Ant2	2437	MCS0	17.932	2428.0149	2445.9469
11N20SISO	Ant1	2462	MCS0	17.940	2453.0285	2470.9685
11N20SISO	Ant2	2462	MCS0	17.976	2452.9894	2470.9654
11N20MIMO	Ant1	2412	MCS0	17.948	2403.0031	2420.9511
11N20MIMO	Ant2	2412	MCS0	17.930	2403.0229	2420.9529
11N20MIMO	Ant1	2437	MCS0	17.901	2428.0403	2445.9413
11N20MIMO	Ant2	2437	MCS0	17.865	2428.0523	2445.9173
11N20MIMO	Ant1	2462	MCS0	17.862	2453.0374	2470.8994
11N20MIMO	Ant2	2462	MCS0	17.896	2453.0415	2470.9375

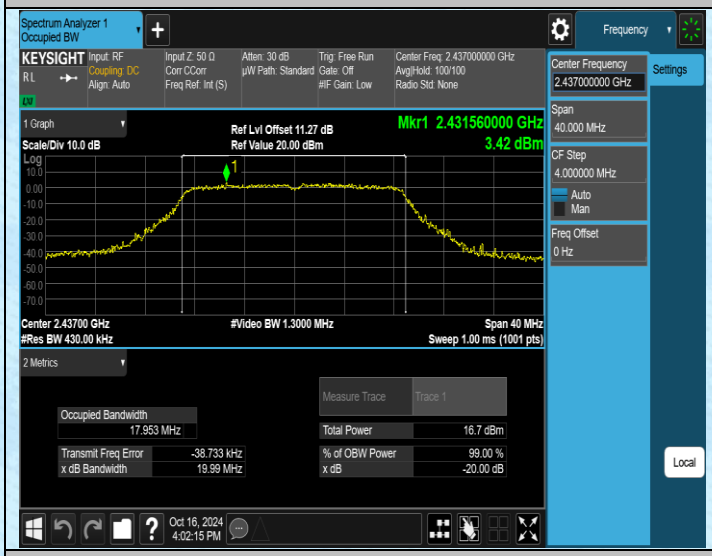
Test Graphs



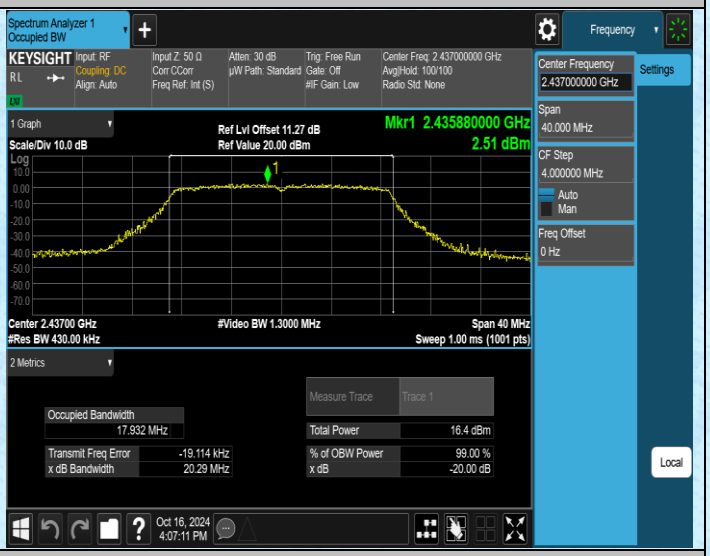
11N20SISO-Ant1-2412



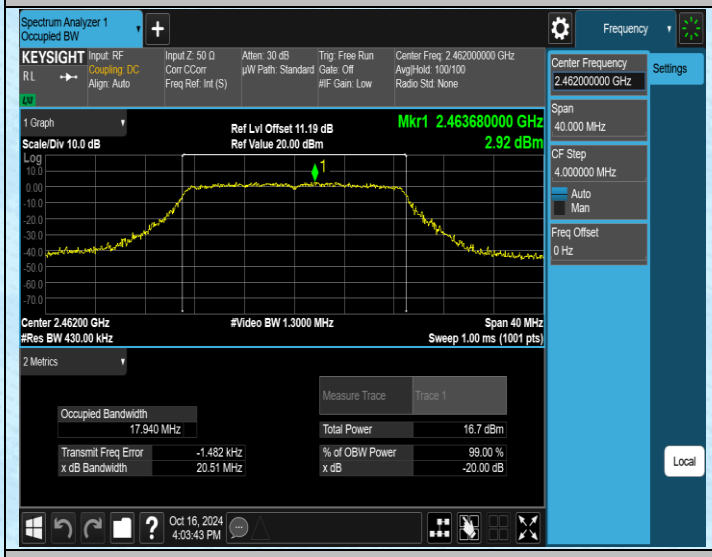
11N20SISO-Ant2-2412



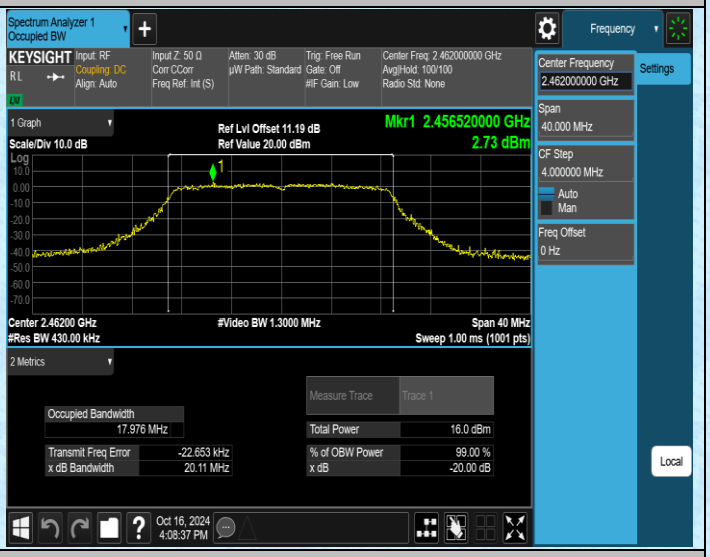
11N20SISO-Ant1-2437



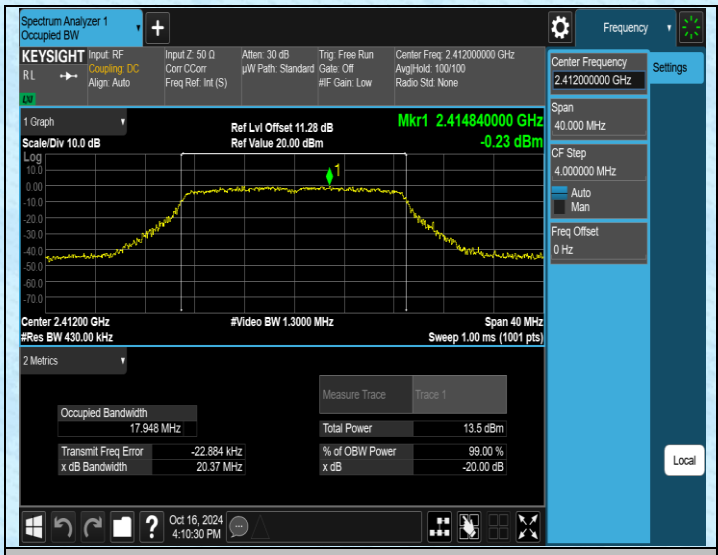
11N20SISO-Ant2-2437



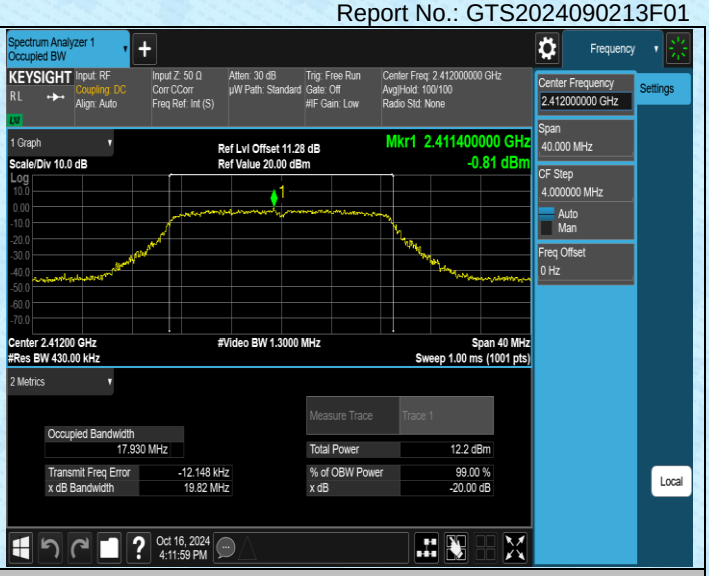
11N20SISO-Ant1-2462



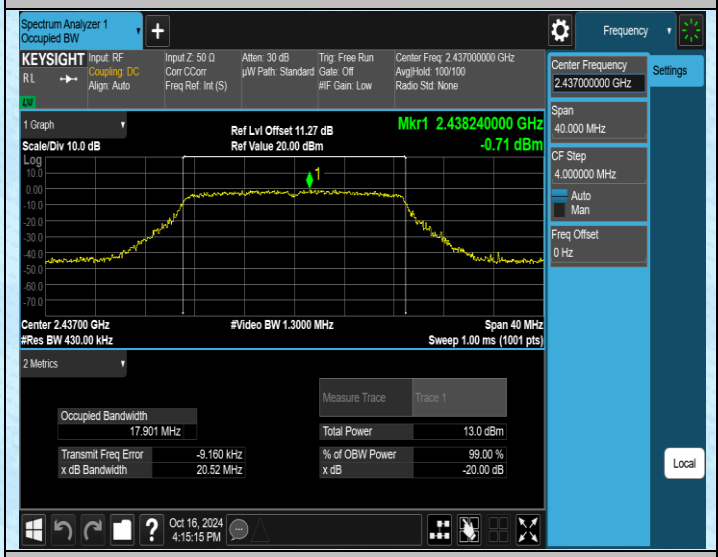
11N20SISO-Ant2-2462



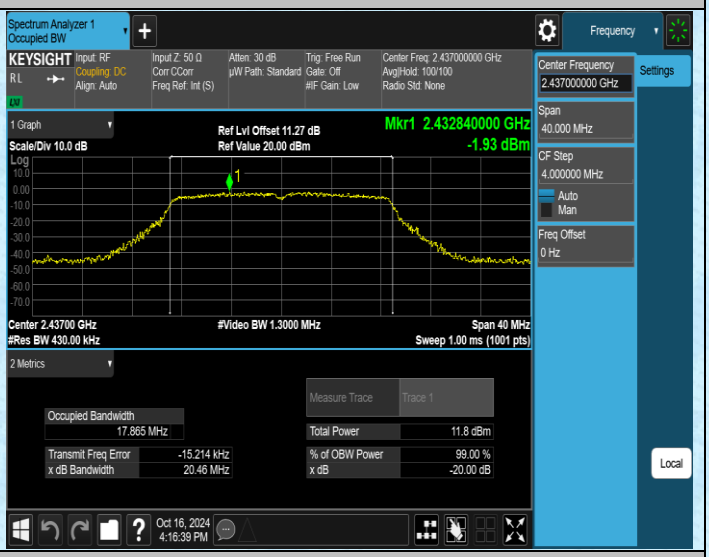
11N20MIMO-Ant1-2412



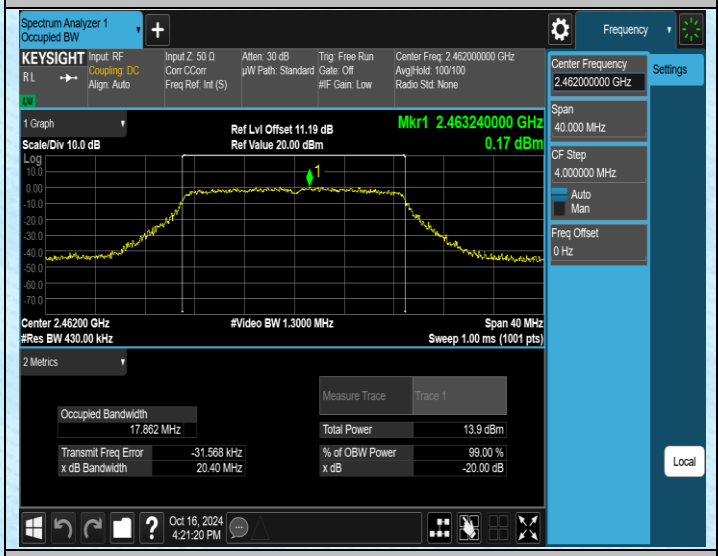
11N20MIMO-Ant2-2412



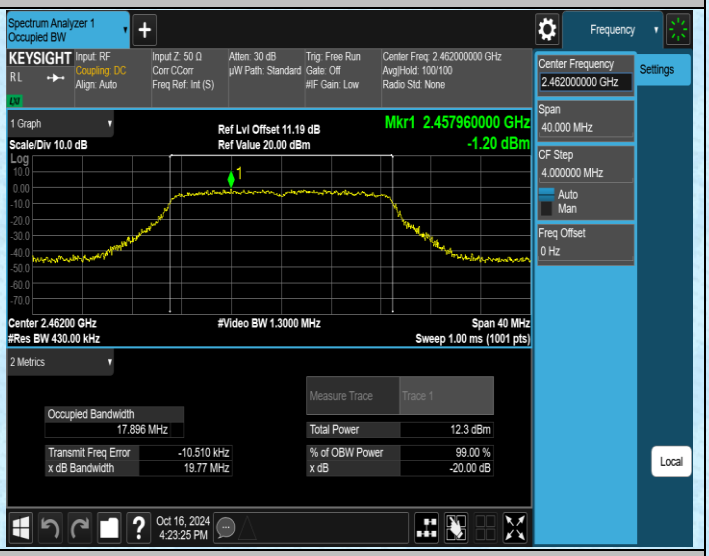
11N20MIMO-Ant1-2437



11N20MIMO-Ant2-2437



11N20MIMO-Ant1-2462



11N20MIMO-Ant2-2462

AppendixC: Maximum conducted output power

Test Result Peak

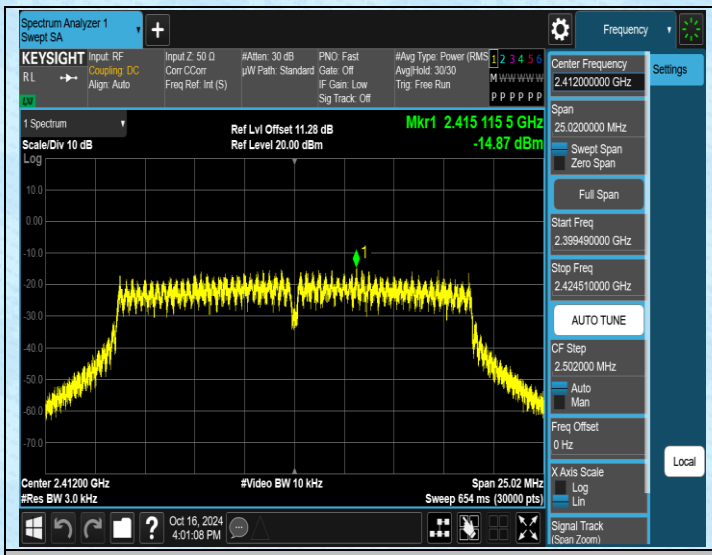
Test Mode	Antenna	Frequency [MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11N20SISO	Ant1	2412	MCS0	17.70	≤30.00	PASS
11N20SISO	Ant2	2412	MCS0	17.83	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	17.70	≤30.00	PASS
11N20SISO	Ant2	2437	MCS0	17.36	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	17.85	≤30.00	PASS
11N20SISO	Ant2	2462	MCS0	16.86	≤30.00	PASS
11N20MIMO	Ant1	2412	MCS0	14.60	≤30.00	PASS
11N20MIMO	Ant2	2412	MCS0	13.27	≤30.00	PASS
11N20MIMO	total	2412	MCS0	17.00	≤30.00	PASS
11N20MIMO	Ant1	2437	MCS0	14.47	≤30.00	PASS
11N20MIMO	Ant2	2437	MCS0	13.29	≤30.00	PASS
11N20MIMO	total	2437	MCS0	16.93	≤30.00	PASS
11N20MIMO	Ant1	2462	MCS0	14.80	≤30.00	PASS
11N20MIMO	Ant2	2462	MCS0	13.52	≤30.00	PASS
11N20MIMO	total	2462	MCS0	17.22	≤30.00	PASS

AppendixD: Maximum power spectral density

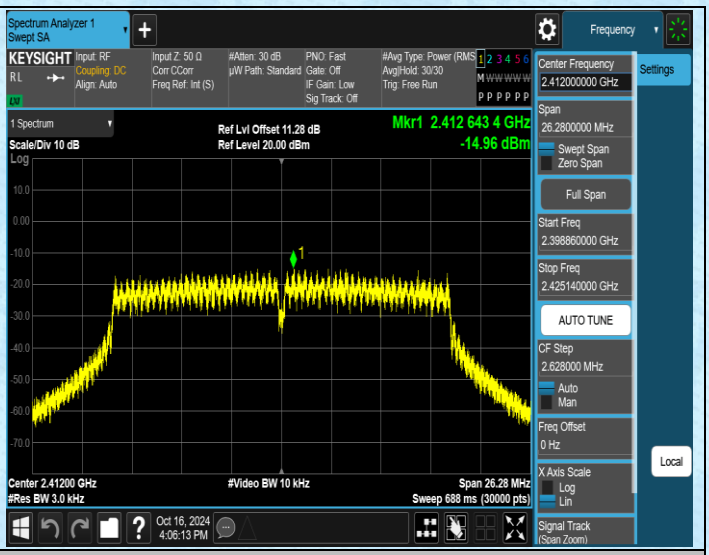
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11N20SISO	Ant1	2412	MCS0	-14.87	≤8.00	PASS
11N20SISO	Ant2	2412	MCS0	-14.96	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-14.21	≤8.00	PASS
11N20SISO	Ant2	2437	MCS0	-14.77	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-14.81	≤8.00	PASS
11N20SISO	Ant2	2462	MCS0	-15.02	≤8.00	PASS
11N20MIMO	Ant1	2412	MCS0	-17.66	≤8.00	PASS
11N20MIMO	Ant2	2412	MCS0	-18.9	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-15.23	≤8.00	PASS
11N20MIMO	Ant1	2437	MCS0	-18	≤8.00	PASS
11N20MIMO	Ant2	2437	MCS0	-19.67	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-15.74	≤8.00	PASS
11N20MIMO	Ant1	2462	MCS0	-17.26	≤8.00	PASS
11N20MIMO	Ant2	2462	MCS0	-18.83	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-14.96	≤8.00	PASS

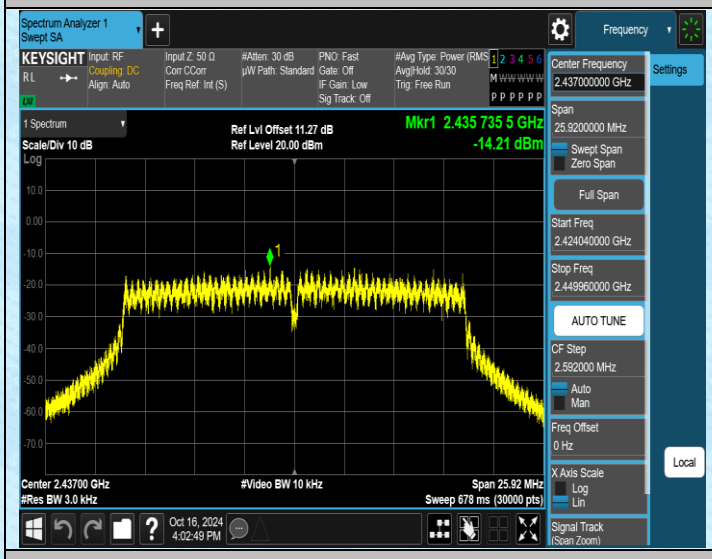
Test Graphs



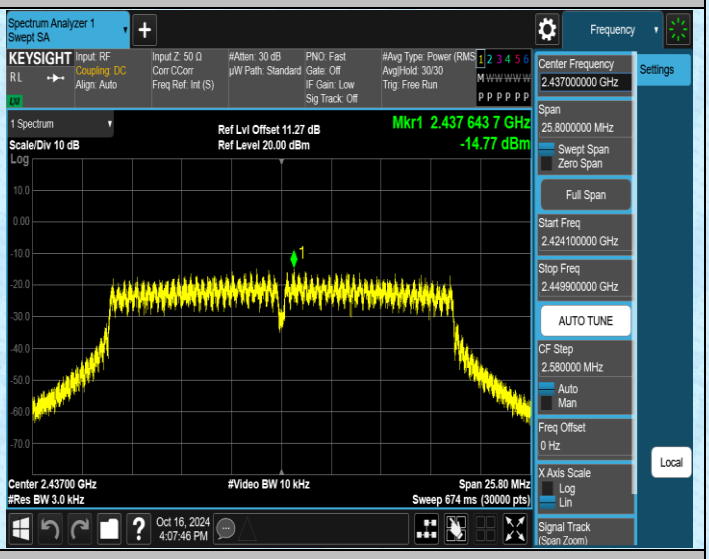
11N20SISO-Ant1-2412-PASS



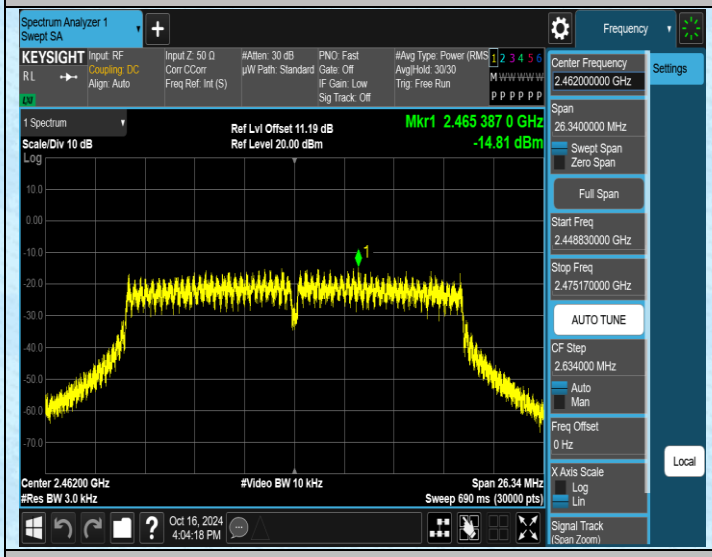
11N20SISO-Ant2-2412-PASS



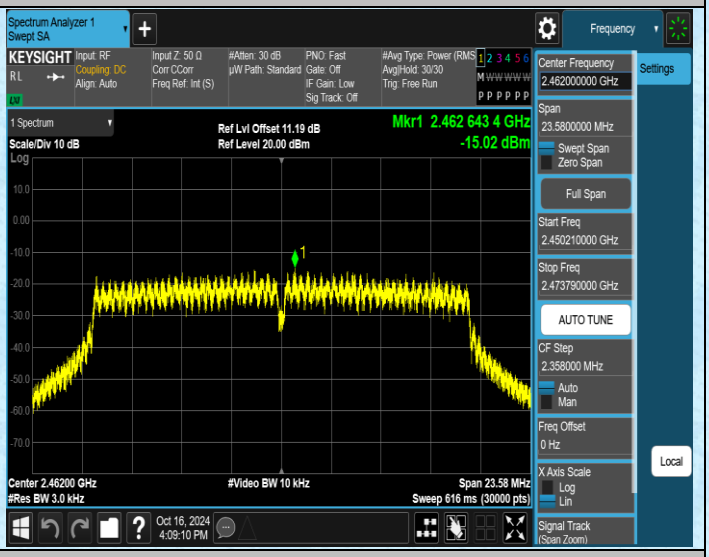
11N20SISO-Ant1-2437-PASS



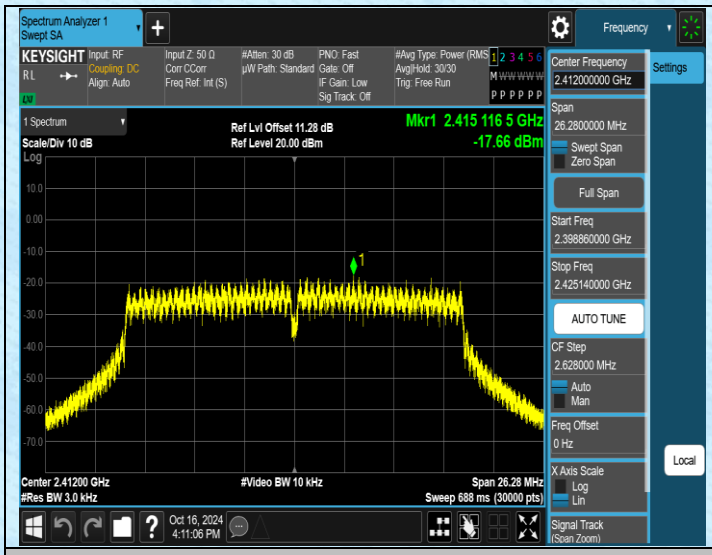
11N20SISO-Ant2-2437-PASS



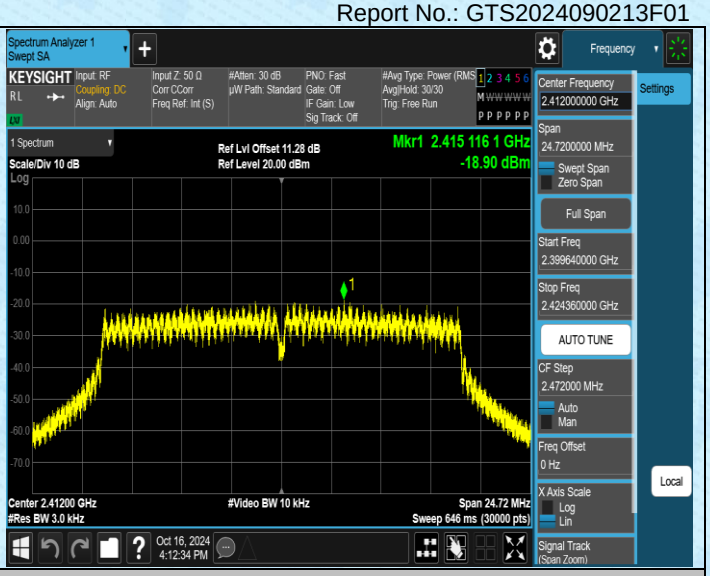
11N20SISO-Ant1-2462-PASS



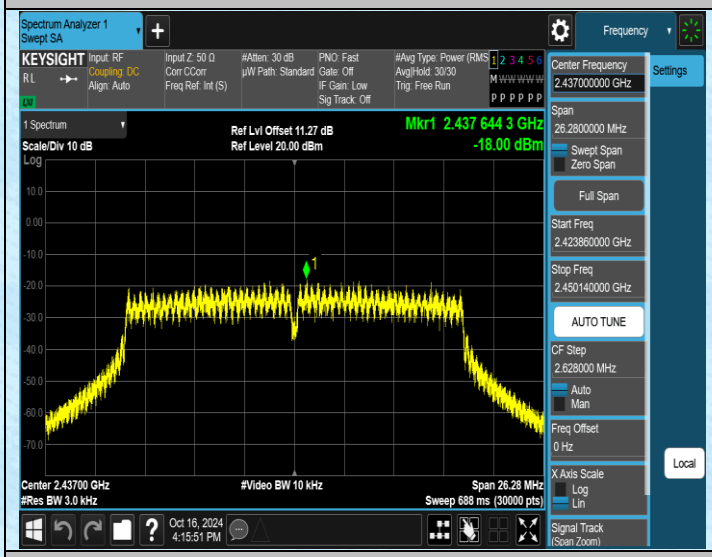
11N20SISO-Ant2-2462-PASS



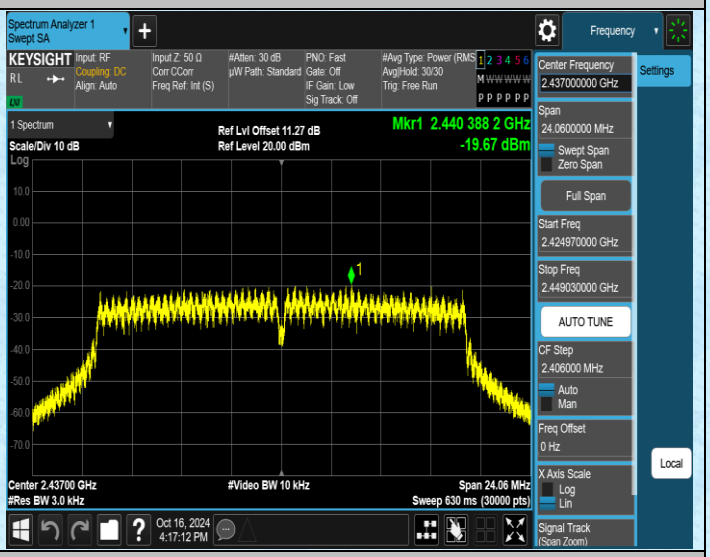
11N20MIMO-Ant1-2412-PASS



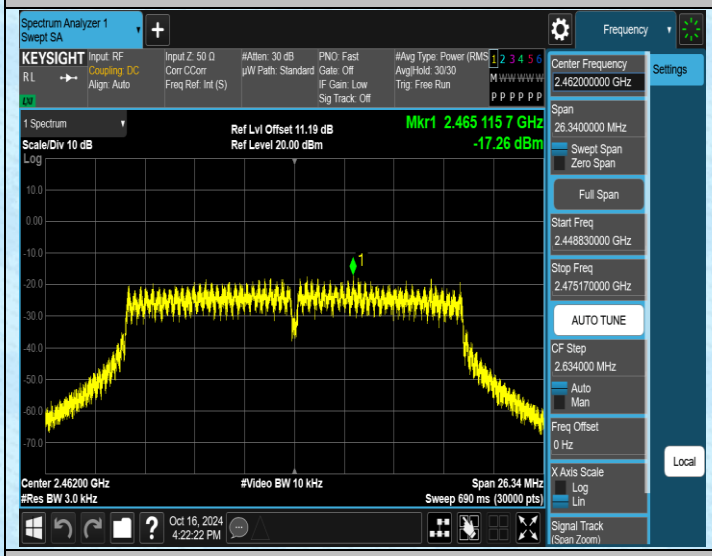
11N20MIMO-Ant2-2412-PASS



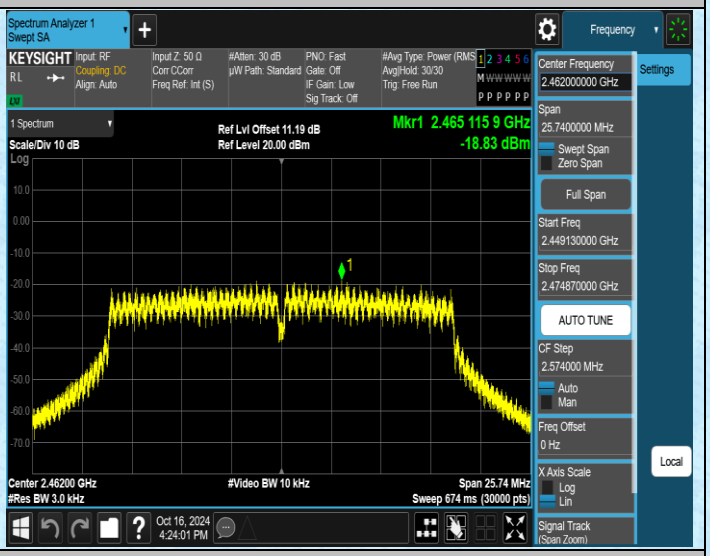
11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS



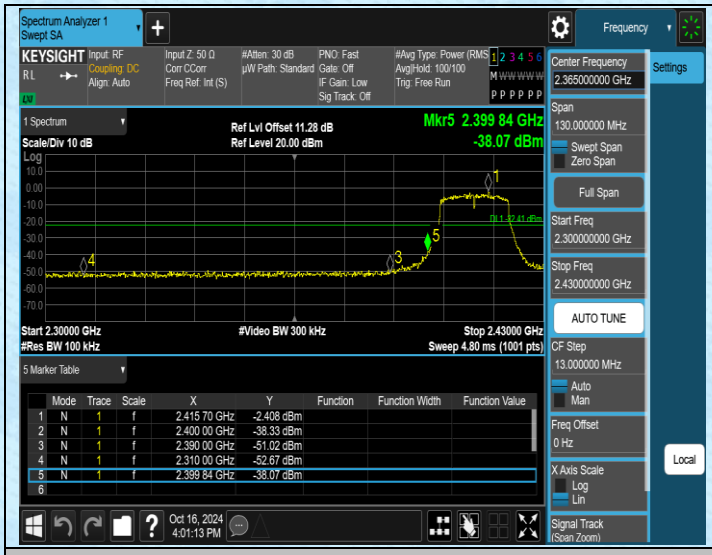
11N20MIMO-Ant2-2462-PASS

AppendixE:Band edge measurements

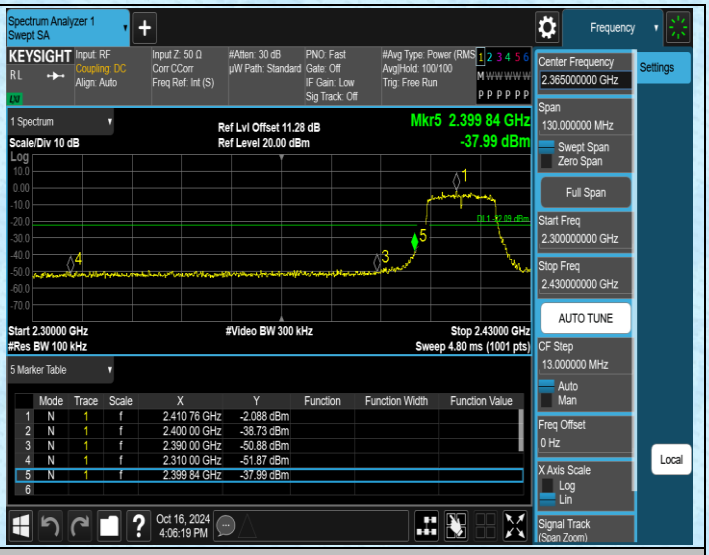
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	Ant1	Low	2412	MCS0	-2.41	-38.07	≤-22.41	PASS
11N20SISO	Ant2	Low	2412	MCS0	-2.09	-37.99	≤-22.09	PASS
11N20SISO	Ant1	High	2462	MCS0	-0.34	-49.02	≤-20.34	PASS
11N20SISO	Ant2	High	2462	MCS0	-1.17	-48.71	≤-21.17	PASS
11N20MIMO	Ant1	Low	2412	MCS0	-3.74	-39.66	≤-23.74	PASS
11N20MIMO	Ant2	Low	2412	MCS0	-6.14	-43.02	≤-26.14	PASS
11N20MIMO	Ant1	High	2462	MCS0	-4.25	-49.13	≤-24.25	PASS
11N20MIMO	Ant2	High	2462	MCS0	-5.00	-48.76	≤-25	PASS

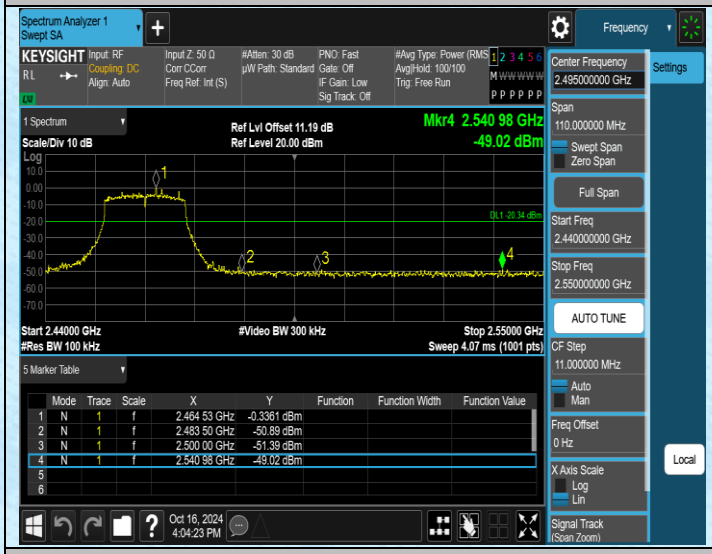
Test Graphs



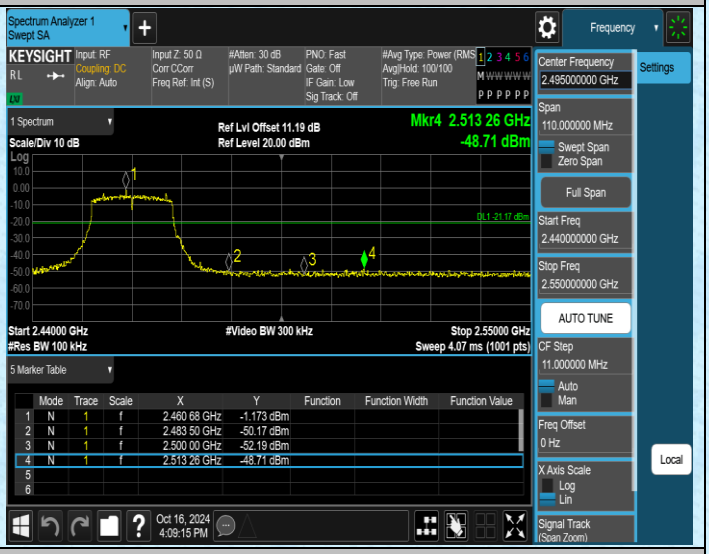
11N20SISO-Ant1-2412-PASS



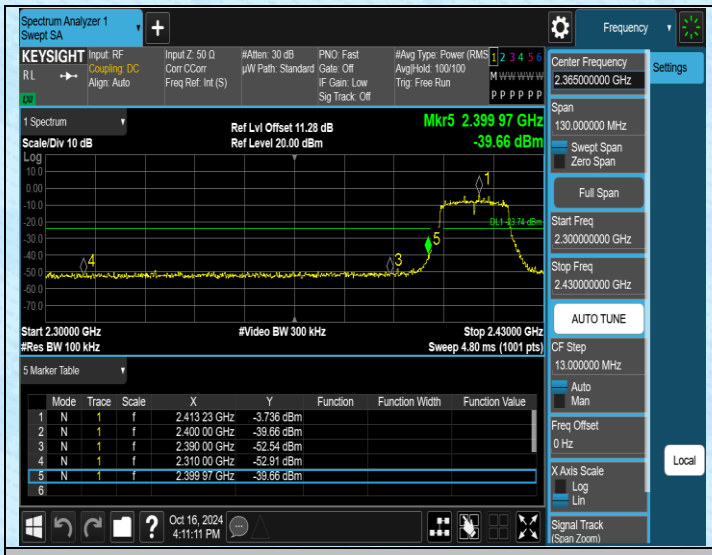
11N20SISO-Ant2-2412-PASS



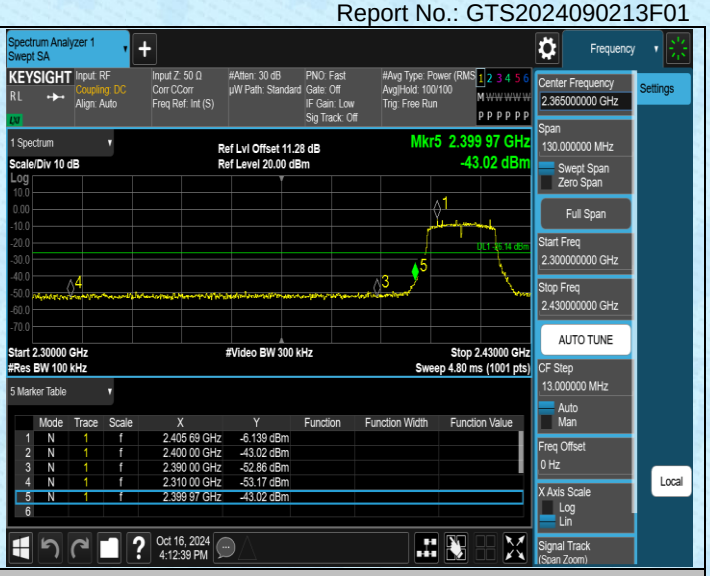
11N20SISO-Ant1-2462-PASS



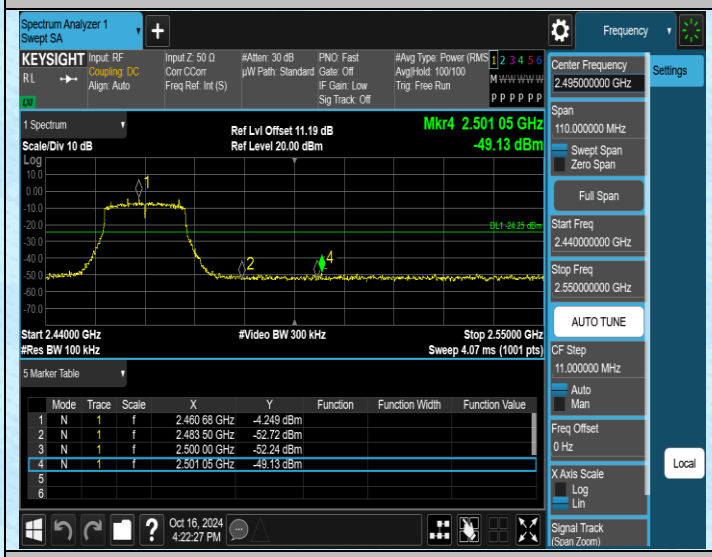
11N20SISO-Ant2-2462-PASS



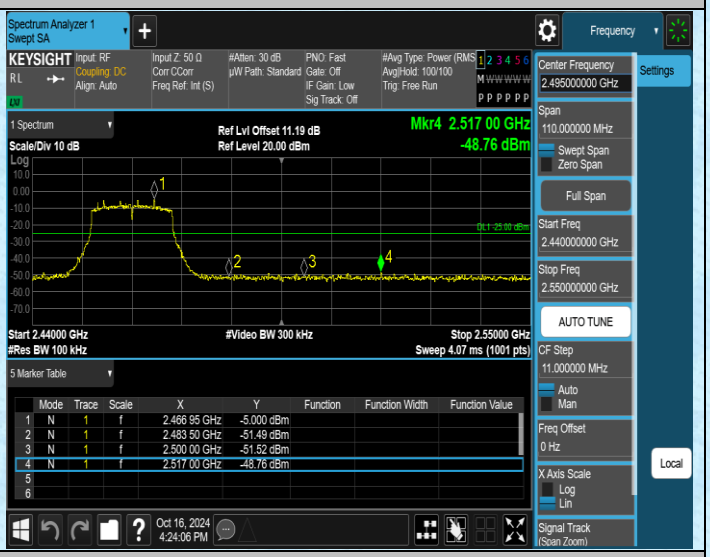
11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2462-PASS



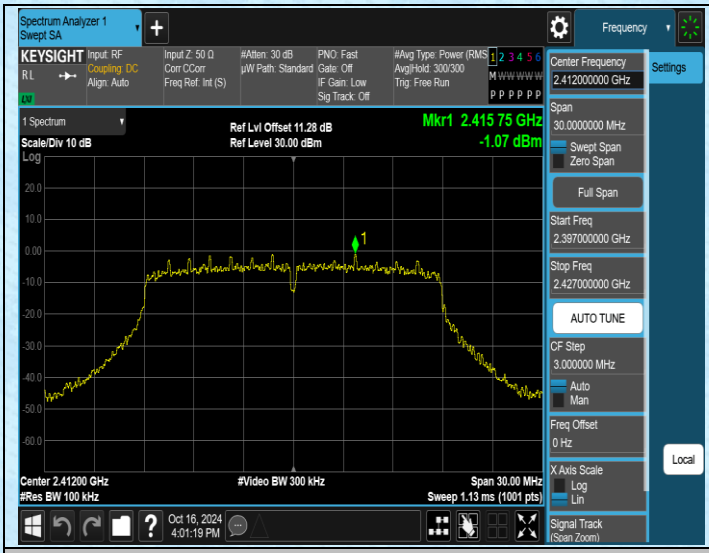
11N20MIMO-Ant2-2462-PASS

AppendixF:Conducted Spurious Emission

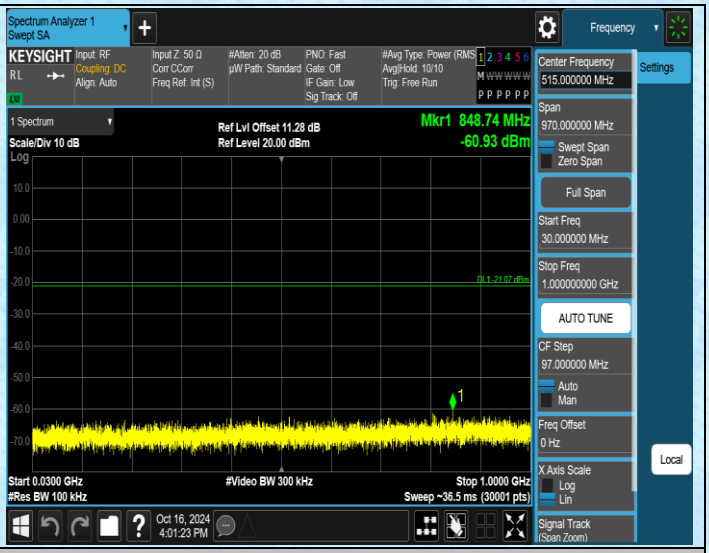
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11N20SISO	Ant1	2412	MCS0	0~Reference	-1.07	-1.07	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-1.07	-60.93	≤-21.07	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-1.07	-49.75	≤-21.07	PASS
11N20SISO	Ant2	2412	MCS0	0~Reference	-0.71	-0.71	---	PASS
11N20SISO	Ant2	2412	MCS0	30~1000	-0.71	-60.48	≤-20.71	PASS
11N20SISO	Ant2	2412	MCS0	1000~26500	-0.71	-49.42	≤-20.71	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-0.37	-0.37	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-0.37	-61.25	≤-20.37	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-0.37	-49.97	≤-20.37	PASS
11N20SISO	Ant2	2437	MCS0	0~Reference	-0.98	-0.98	---	PASS
11N20SISO	Ant2	2437	MCS0	30~1000	-0.98	-61.45	≤-20.98	PASS
11N20SISO	Ant2	2437	MCS0	1000~26500	-0.98	-50.24	≤-20.98	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-0.39	-0.39	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-0.39	-61.01	≤-20.39	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-0.39	-49.57	≤-20.39	PASS
11N20SISO	Ant2	2462	MCS0	0~Reference	-1.14	-1.14	---	PASS
11N20SISO	Ant2	2462	MCS0	30~1000	-1.14	-61.46	≤-21.14	PASS
11N20SISO	Ant2	2462	MCS0	1000~26500	-1.14	-49.8	≤-21.14	PASS
11N20MIMO	Ant1	2412	MCS0	0~Reference	-4.33	-4.33	---	PASS
11N20MIMO	Ant1	2412	MCS0	30~1000	-4.33	-61.53	≤-24.33	PASS
11N20MIMO	Ant1	2412	MCS0	1000~26500	-4.33	-50.38	≤-24.33	PASS
11N20MIMO	Ant2	2412	MCS0	0~Reference	-4.91	-4.91	---	PASS
11N20MIMO	Ant2	2412	MCS0	30~1000	-4.91	-61.55	≤-24.91	PASS
11N20MIMO	Ant2	2412	MCS0	1000~26500	-4.91	-49.73	≤-24.91	PASS
11N20MIMO	Ant1	2437	MCS0	0~Reference	-4.14	-4.14	---	PASS
11N20MIMO	Ant1	2437	MCS0	30~1000	-4.14	-60.89	≤-24.14	PASS
11N20MIMO	Ant1	2437	MCS0	1000~26500	-4.14	-45.85	≤-24.14	PASS
11N20MIMO	Ant2	2437	MCS0	0~Reference	-5.59	-5.59	---	PASS
11N20MIMO	Ant2	2437	MCS0	30~1000	-5.59	-60.93	≤-25.59	PASS
11N20MIMO	Ant2	2437	MCS0	1000~26500	-5.59	-50.25	≤-25.59	PASS
11N20MIMO	Ant1	2462	MCS0	0~Reference	-3.12	-3.12	---	PASS
11N20MIMO	Ant1	2462	MCS0	30~1000	-3.12	-61.81	≤-23.12	PASS
11N20MIMO	Ant1	2462	MCS0	1000~26500	-3.12	-49.43	≤-23.12	PASS
11N20MIMO	Ant2	2462	MCS0	0~Reference	-5.21	-5.21	---	PASS
11N20MIMO	Ant2	2462	MCS0	30~1000	-5.21	-61.86	≤-25.21	PASS
11N20MIMO	Ant2	2462	MCS0	1000~26500	-5.21	-49.74	≤-25.21	PASS

Test Graphs

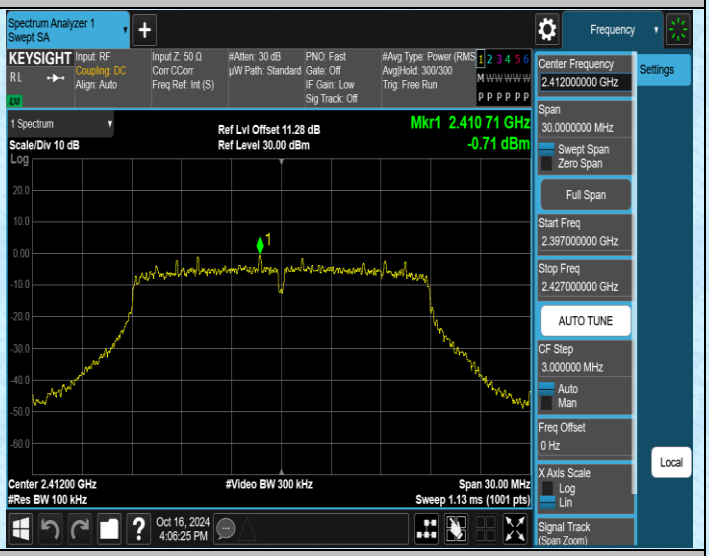


11N20SISO-Ant1-2412-0~Reference-PASS

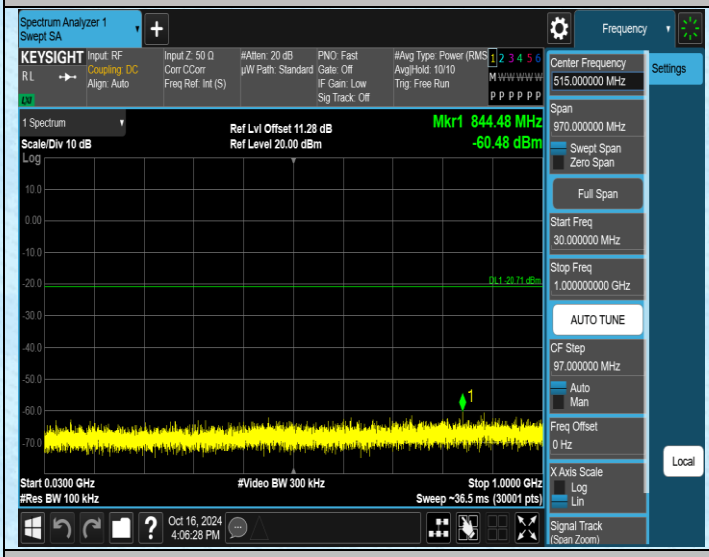


11N20SISO-Ant1-2412-30~1000-PASS

11N20SISO-Ant1-2412-1000~26500-PASS



11N20SISO-Ant2-2412-0~Reference-PASS



11N20SISO-Ant2-2412-30~1000-PASS

11N20SISO-Ant2-2412-1000~26500-PASS