

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	17.320	2403.440	2420.760	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	17.280	2428.480	2445.760	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.520	2453.240	2470.760	0.5	PASS
11N20SISO	Ant2	2462	MCS0	17.280	2453.240	2470.520	0.5	PASS
11N20MIMO	Ant1	2412	MCS0	17.280	2403.480	2420.760	0.5	PASS
11N20MIMO	Ant2	2412	MCS0	17.560	2403.200	2420.760	0.5	PASS
11N20MIMO	Ant1	2437	MCS0	17.560	2428.200	2445.760	0.5	PASS
11N20MIMO	Ant2	2437	MCS0	17.560	2428.200	2445.760	0.5	PASS
11N20MIMO	Ant1	2462	MCS0	17.560	2453.200	2470.760	0.5	PASS
11N20MIMO	Ant2	2462	MCS0	17.520	2453.240	2470.760	0.5	PASS

Test Graphs





11N20SISO-Ant1-2437-PASS



11N20SISO-Ant2-2437-PASS



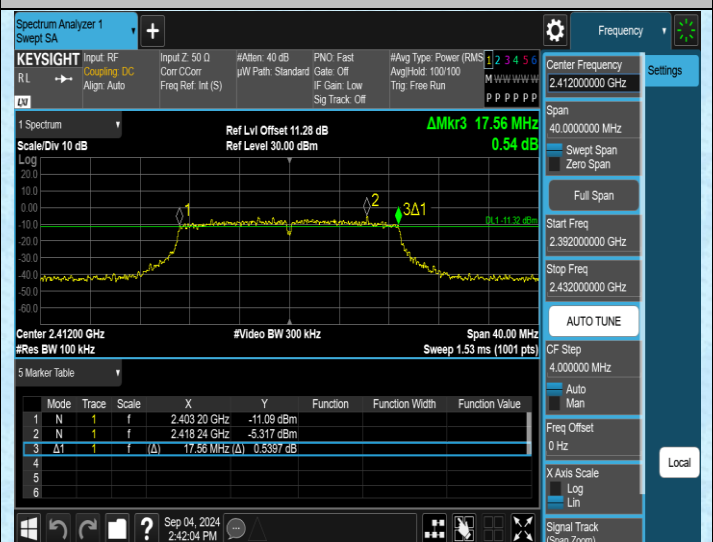
11N20SISO-Ant1-2462-PASS



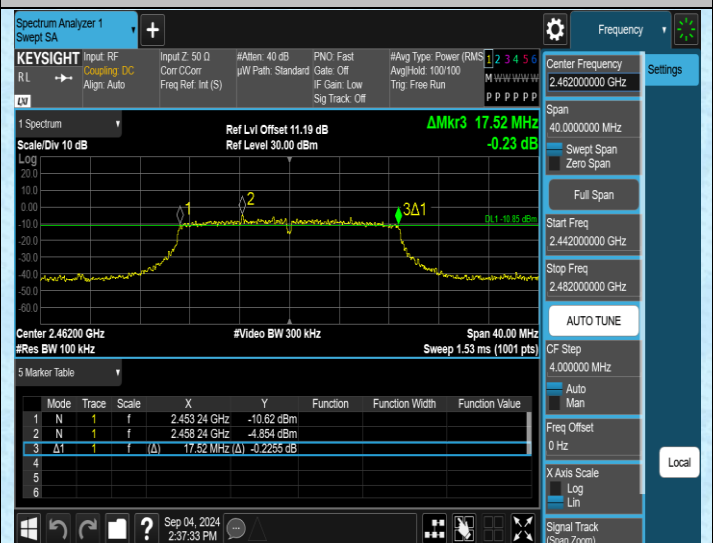
11N20SISO-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



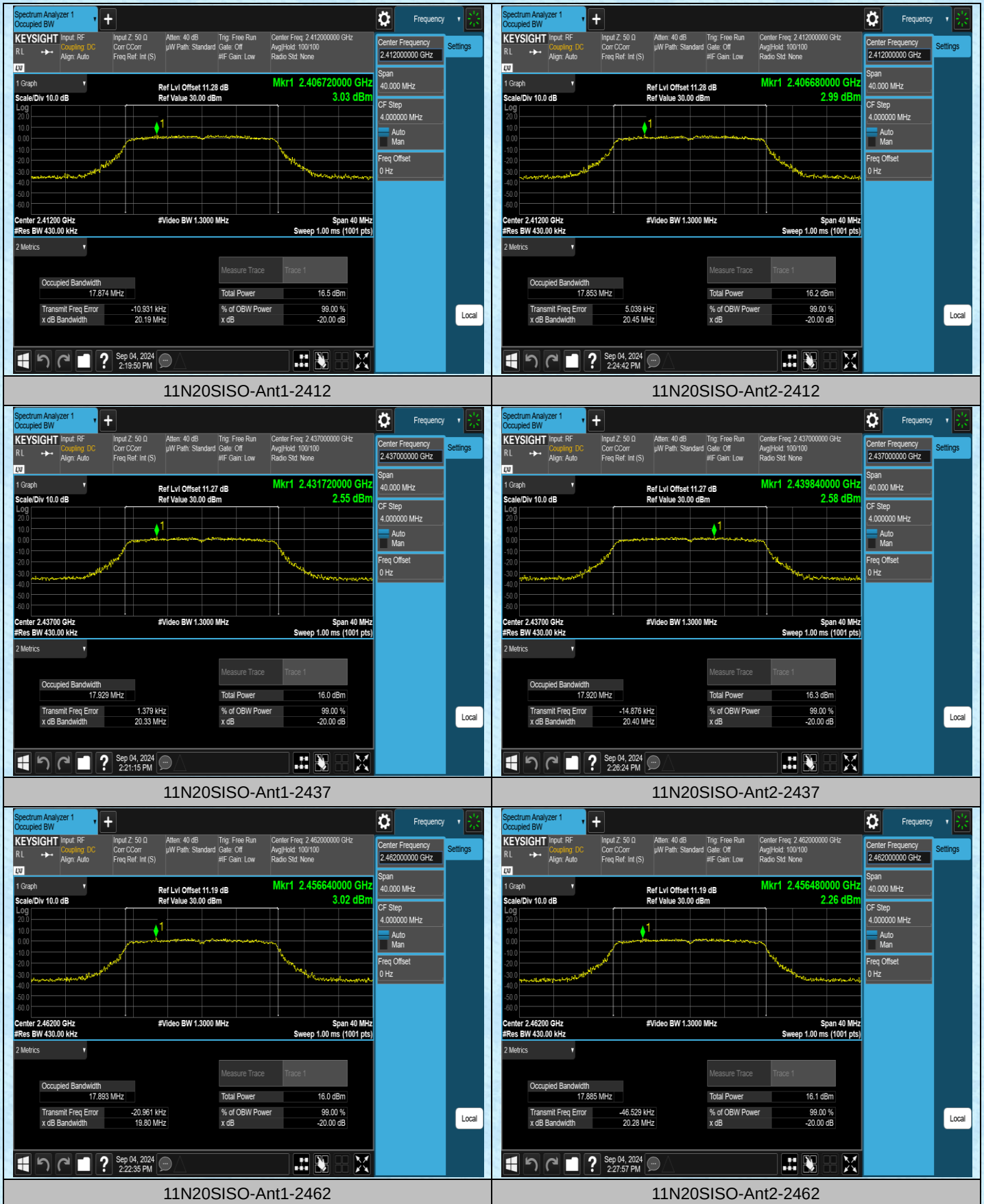
11N20MIMO-Ant2-2412-PASS

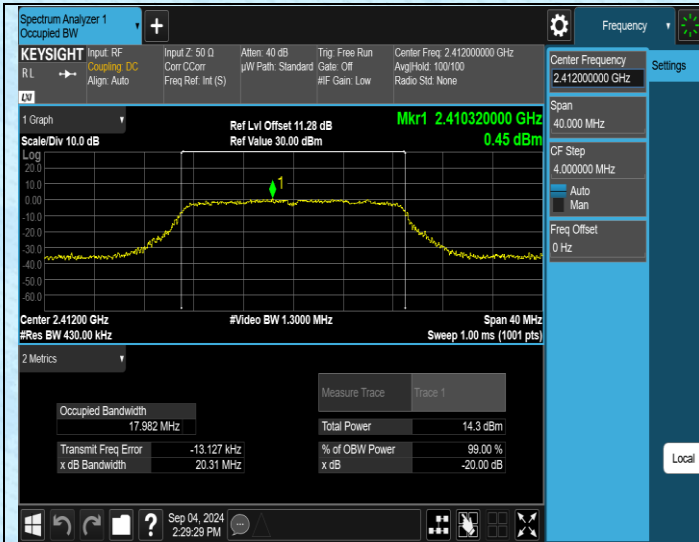


AppendixB: Occupied Channel Bandwidth**Test Result**

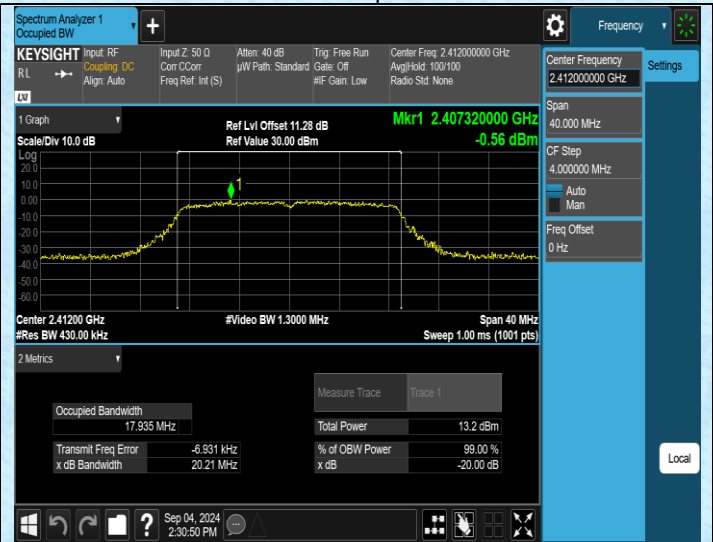
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]
11N20SISO	Ant1	2412	MCS0	17.874	2403.0521	2420.9261
11N20SISO	Ant2	2412	MCS0	17.853	2403.0785	2420.9315
11N20SISO	Ant1	2437	MCS0	17.929	2428.0369	2445.9659
11N20SISO	Ant2	2437	MCS0	17.920	2428.0251	2445.9451
11N20SISO	Ant1	2462	MCS0	17.893	2453.0325	2470.9255
11N20SISO	Ant2	2462	MCS0	17.885	2453.0110	2470.8960
11N20MIMO	Ant1	2412	MCS0	17.982	2402.9959	2420.9779
11N20MIMO	Ant2	2412	MCS0	17.935	2403.0256	2420.9606
11N20MIMO	Ant1	2437	MCS0	17.968	2428.0334	2446.0014
11N20MIMO	Ant2	2437	MCS0	17.983	2428.0474	2446.0304
11N20MIMO	Ant1	2462	MCS0	17.996	2452.9942	2470.9902
11N20MIMO	Ant2	2462	MCS0	17.937	2453.0179	2470.9549

Test Graphs

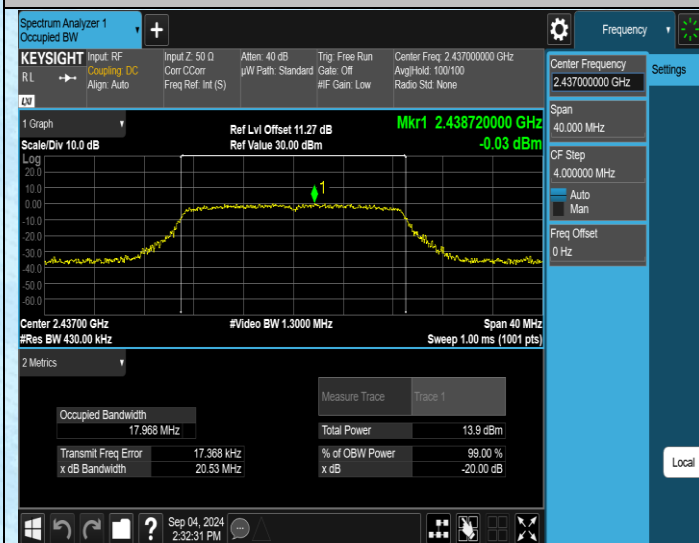




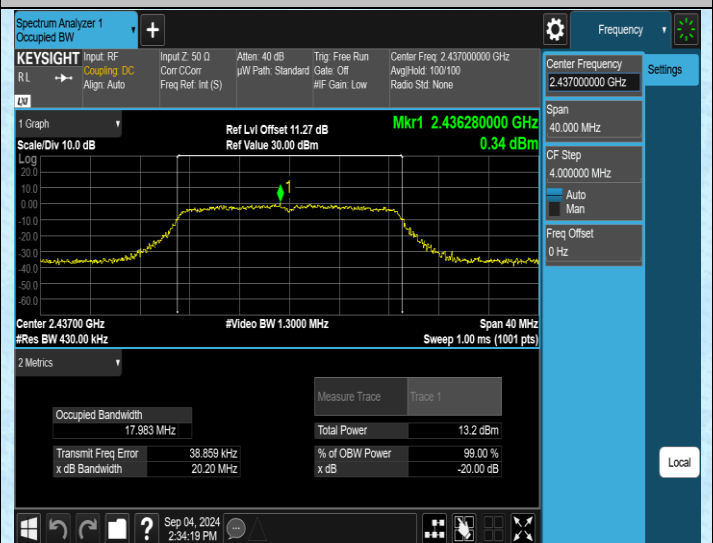
11N20MIMO-Ant1-2412



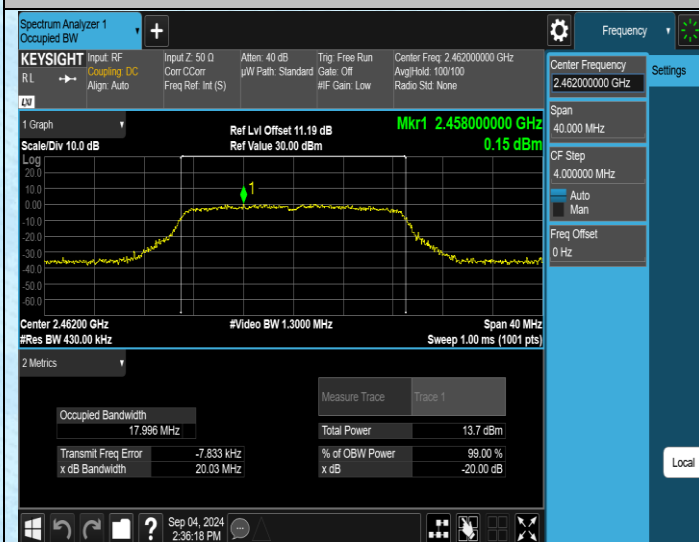
11N20MIMO-Ant2-2412



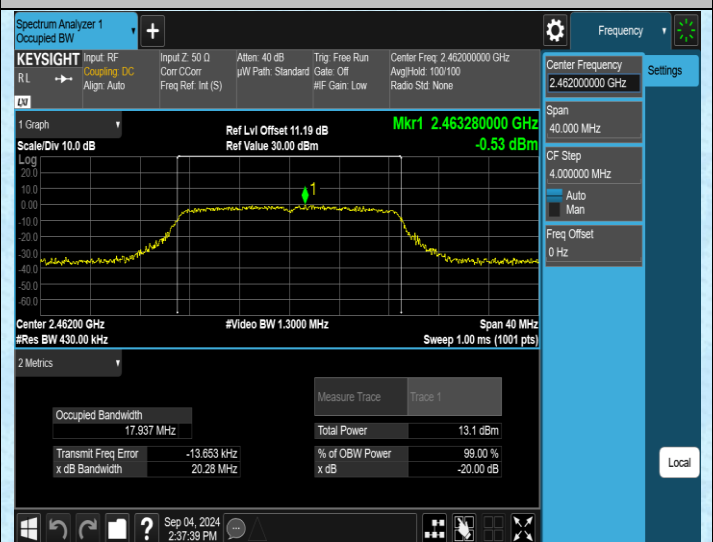
11N20MIMO-Ant1-2437



11N20MIMO-Ant2-2437



11N20MIMO-Ant1-2462



11N20MIMO-Ant2-2462

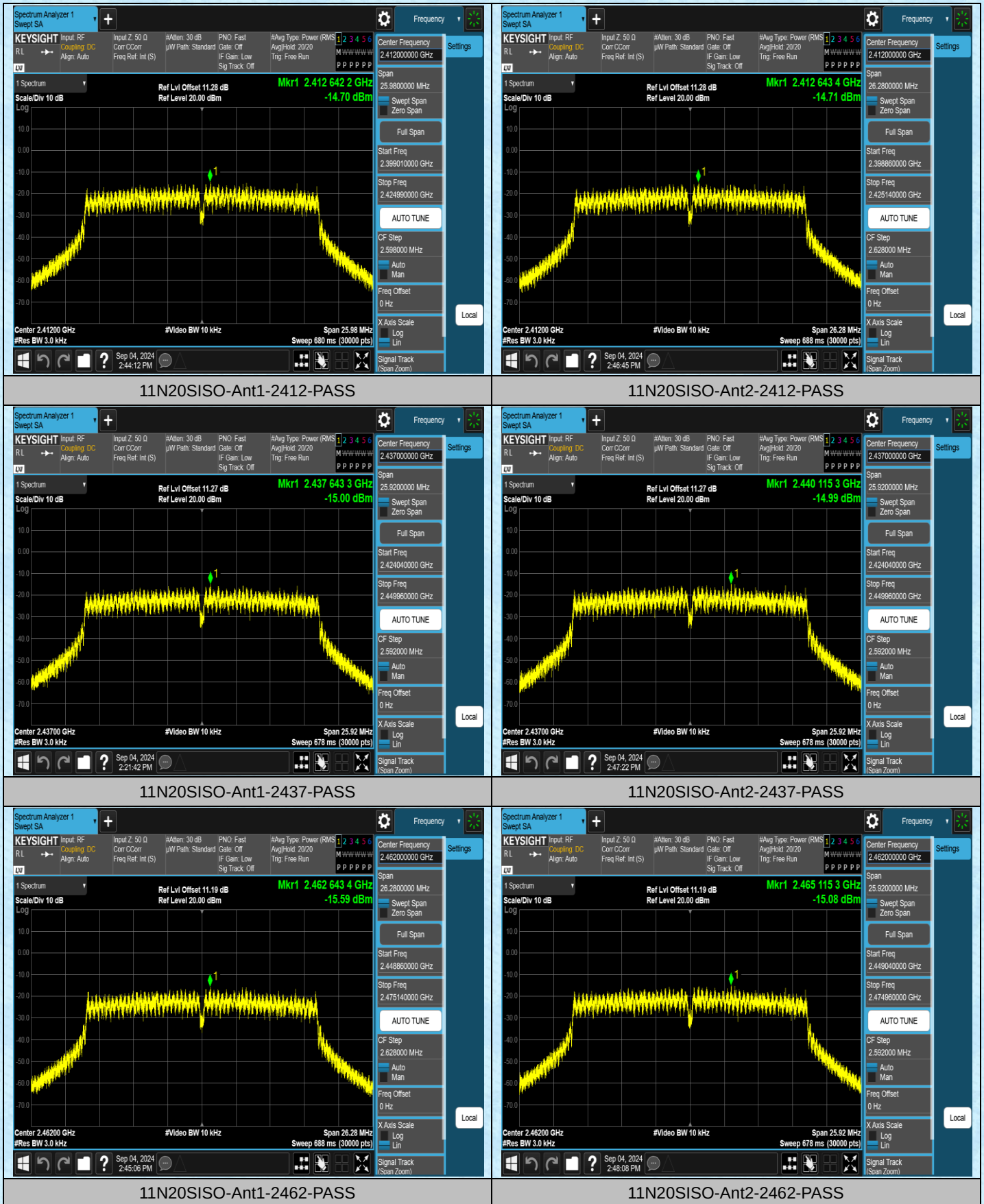
AppendixC: Maximum conducted output power**Test Result Peak**

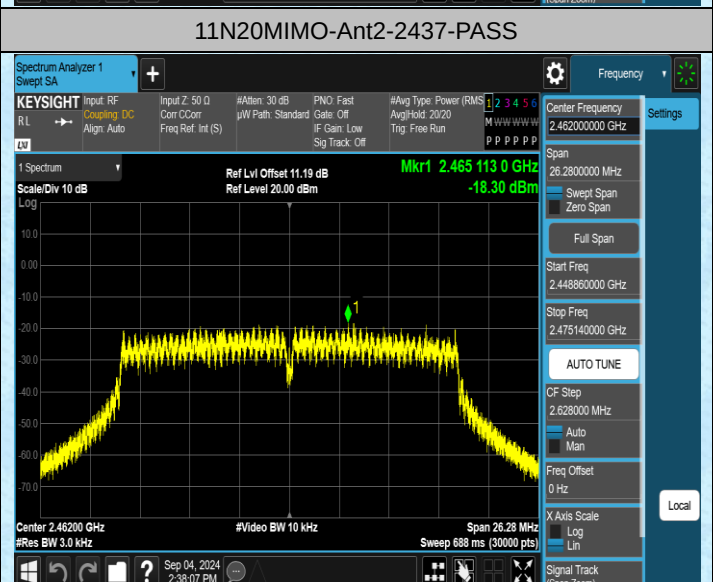
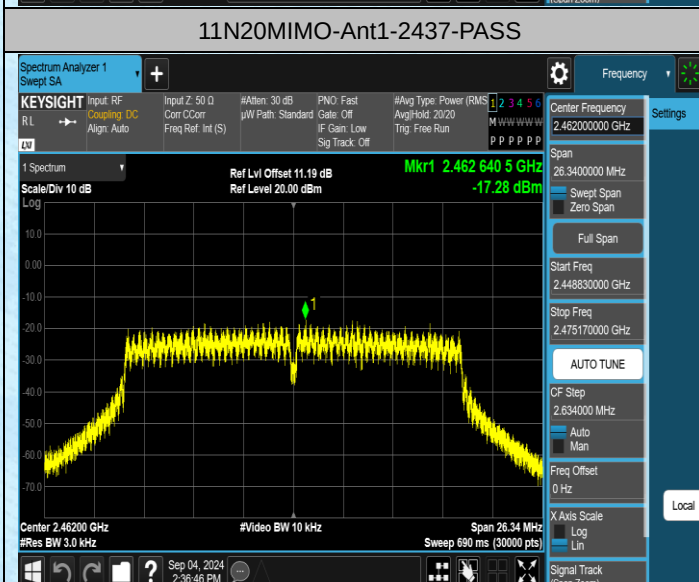
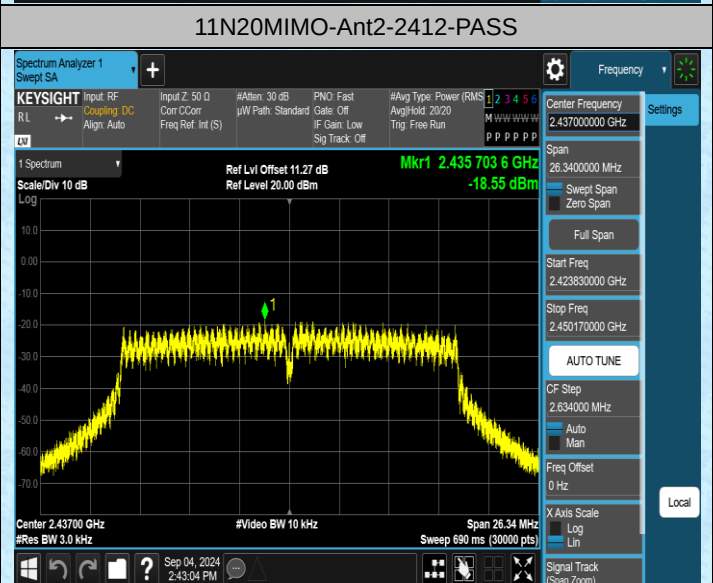
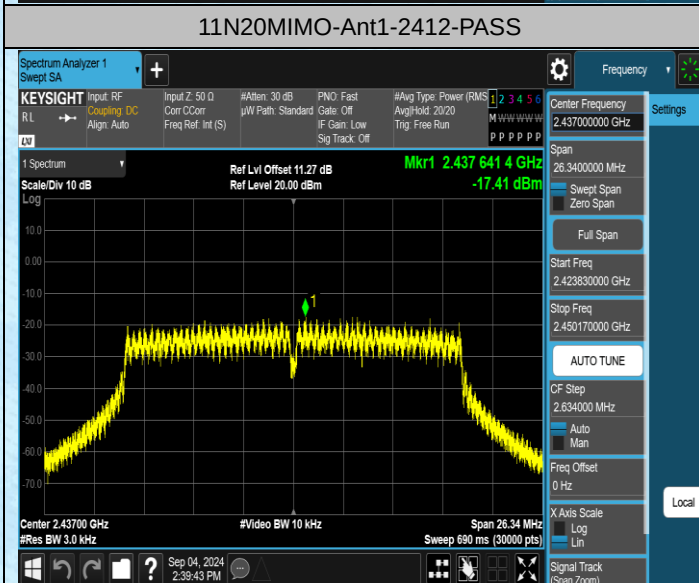
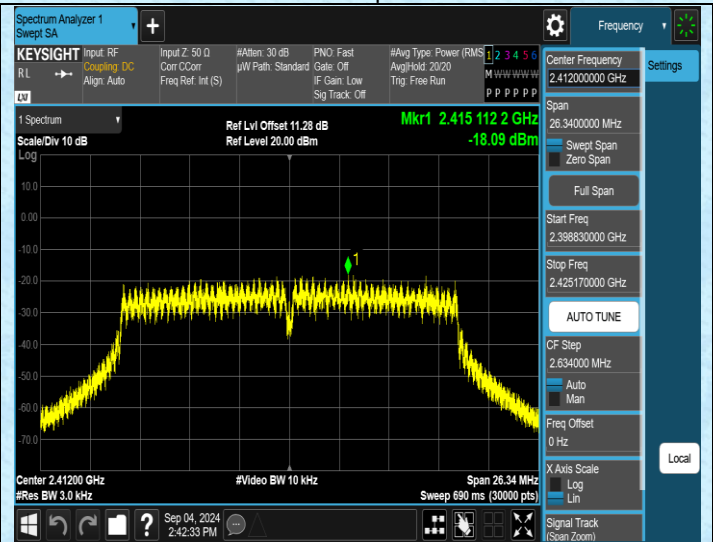
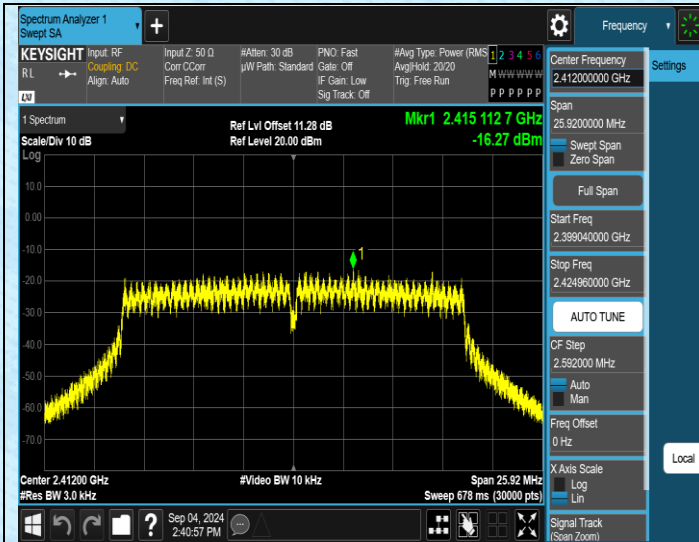
Test Mode	Antenna	Frequency[M Hz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11N20SISO	Ant1	2412	MCS0	17.64	≤30.00	PASS
11N20SISO	Ant2	2412	MCS0	17.59	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	17.21	≤30.00	PASS
11N20SISO	Ant2	2437	MCS0	17.55	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	16.68	≤30.00	PASS
11N20SISO	Ant2	2462	MCS0	17.38	≤30.00	PASS
11N20MIMO	Ant1	2412	MCS0	16.03	≤30.00	PASS
11N20MIMO	Ant2	2412	MCS0	14.41	≤30.00	PASS
11N20MIMO	total	2412	MCS0	18.31	≤30.00	PASS
11N20MIMO	Ant1	2437	MCS0	14.99	≤30.00	PASS
11N20MIMO	Ant2	2437	MCS0	14.44	≤30.00	PASS
11N20MIMO	total	2437	MCS0	17.73	≤30.00	PASS
11N20MIMO	Ant1	2462	MCS0	14.96	≤30.00	PASS
11N20MIMO	Ant2	2462	MCS0	14.30	≤30.00	PASS
11N20MIMO	total	2462	MCS0	17.65	≤30.00	PASS

AppendixD: Maximum power spectral density**Test Result**

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11N20SISO	Ant1	2412	MCS0	-14.7	≤8.00	PASS
11N20SISO	Ant2	2412	MCS0	-14.71	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-15	≤8.00	PASS
11N20SISO	Ant2	2437	MCS0	-14.99	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-15.59	≤8.00	PASS
11N20SISO	Ant2	2462	MCS0	-15.08	≤8.00	PASS
11N20MIMO	Ant1	2412	MCS0	-16.27	≤8.00	PASS
11N20MIMO	Ant2	2412	MCS0	-18.09	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-14.08	≤8.00	PASS
11N20MIMO	Ant1	2437	MCS0	-17.41	≤8.00	PASS
11N20MIMO	Ant2	2437	MCS0	-18.55	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-14.93	≤8.00	PASS
11N20MIMO	Ant1	2462	MCS0	-17.28	≤8.00	PASS
11N20MIMO	Ant2	2462	MCS0	-18.3	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-14.75	≤8.00	PASS

Test Graphs



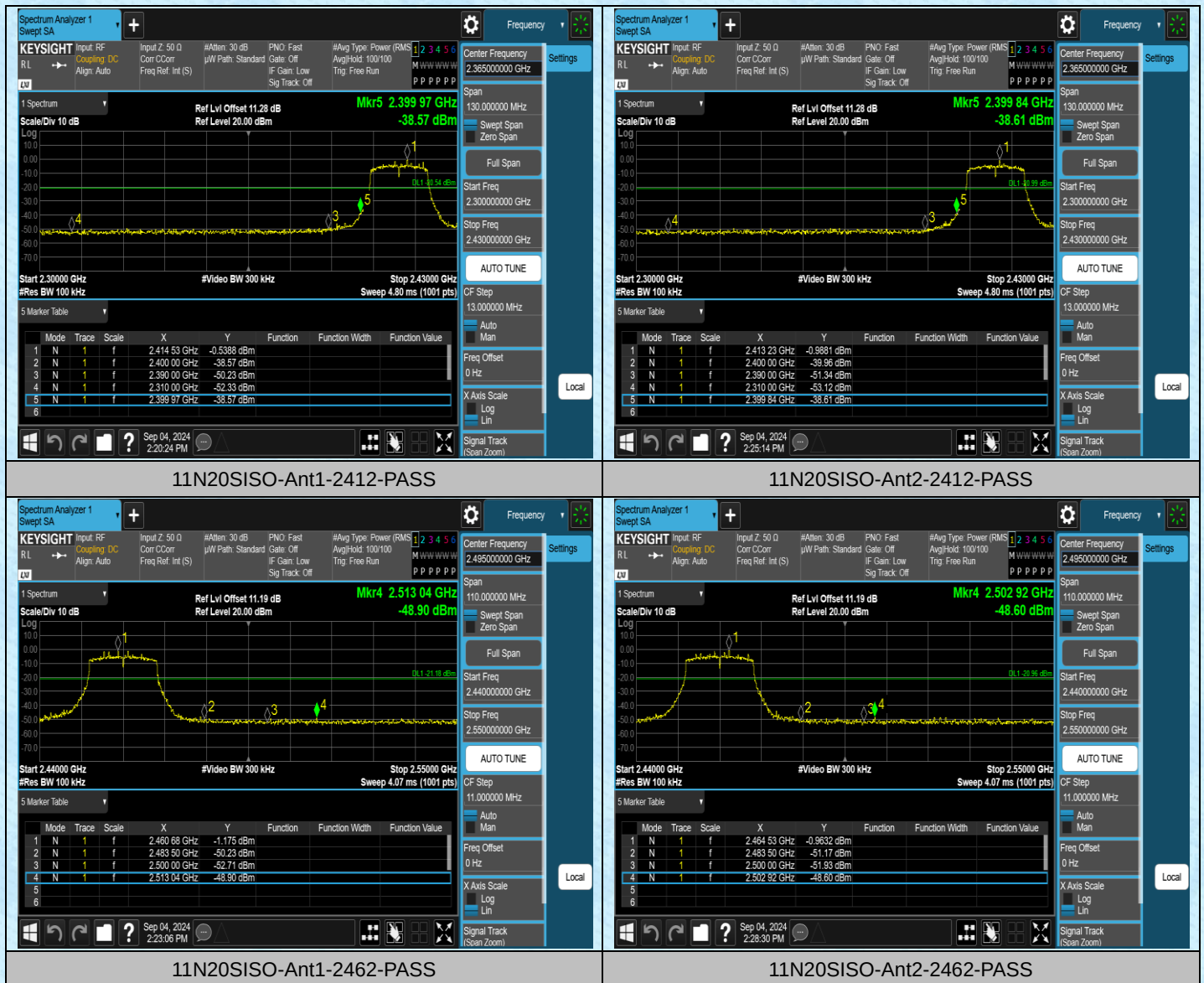


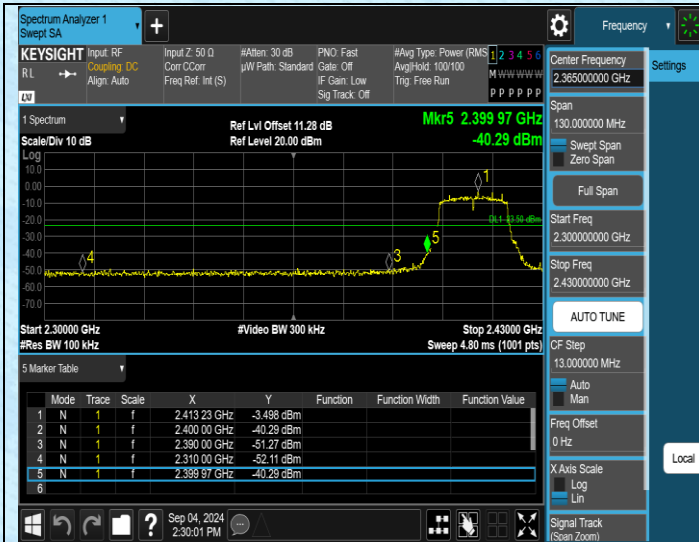
AppendixE:Band edge measurements

Test Result

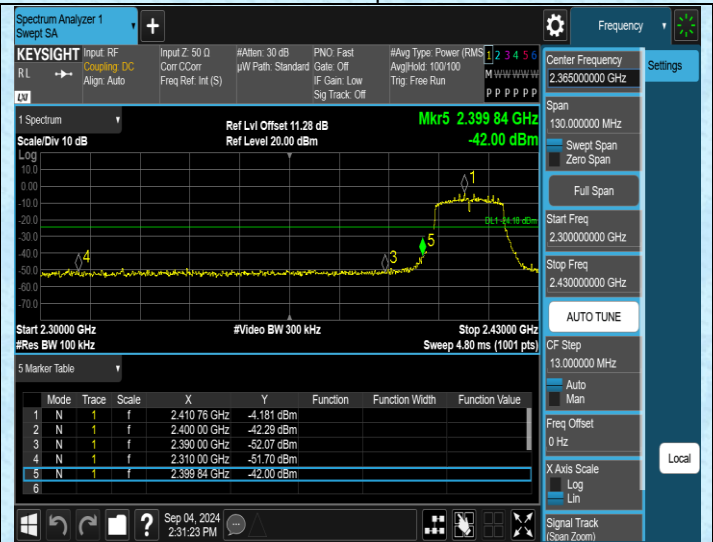
Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	Ant1	Low	2412	MCS0	-0.54	-38.57	≤-20.54	PASS
11N20SISO	Ant2	Low	2412	MCS0	-0.99	-38.62	≤-20.99	PASS
11N20SISO	Ant1	High	2462	MCS0	-1.18	-48.9	≤-21.18	PASS
11N20SISO	Ant2	High	2462	MCS0	-0.96	-48.6	≤-20.96	PASS
11N20MIMO	Ant1	Low	2412	MCS0	-3.50	-40.29	≤-23.5	PASS
11N20MIMO	Ant2	Low	2412	MCS0	-4.18	-42	≤-24.18	PASS
11N20MIMO	Ant1	High	2462	MCS0	-3.69	-48.5	≤-23.69	PASS
11N20MIMO	Ant2	High	2462	MCS0	-4.51	-48.78	≤-24.51	PASS

Test Graphs





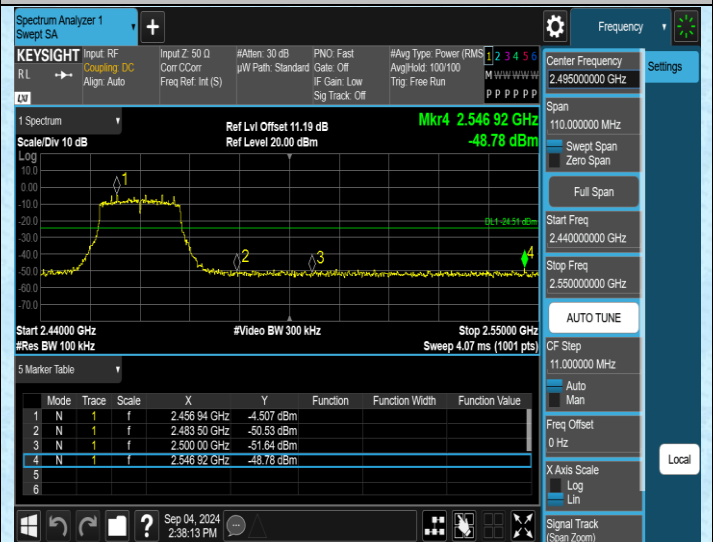
11N20MIMO-Ant1-2412-PASS



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	-16.16	-16.16	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-16.16	-72.21	≤-36.16	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-16.16	-60.92	≤-36.16	PASS
11N20SISO	Ant2	2412	MCS0	0~Reference	-4.75	-4.75	---	PASS
11N20SISO	Ant2	2412	MCS0	30~1000	-4.75	-61.21	≤-24.75	PASS
11N20SISO	Ant2	2412	MCS0	1000~26500	-4.75	-49.34	≤-24.75	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-4.82	-4.82	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-4.82	-61.58	≤-24.82	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-4.82	-49.54	≤-24.82	PASS
11N20SISO	Ant2	2437	MCS0	0~Reference	-0.98	-0.98	---	PASS
11N20SISO	Ant2	2437	MCS0	30~1000	-0.98	-61.5	≤-20.98	PASS
11N20SISO	Ant2	2437	MCS0	1000~26500	-0.98	-49.98	≤-20.98	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-4.68	-4.68	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-4.68	-61.74	≤-24.68	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-4.68	-49.47	≤-24.68	PASS
11N20SISO	Ant2	2462	MCS0	0~Reference	-4.40	-4.40	---	PASS
11N20SISO	Ant2	2462	MCS0	30~1000	-4.40	-62.16	≤-24.4	PASS
11N20SISO	Ant2	2462	MCS0	1000~26500	-4.40	-50.01	≤-24.4	PASS
11N20MIMO	Ant1	2412	MCS0	0~Reference	-6.14	-6.14	---	PASS
11N20MIMO	Ant1	2412	MCS0	30~1000	-6.14	-61.41	≤-26.14	PASS
11N20MIMO	Ant1	2412	MCS0	1000~26500	-6.14	-50.38	≤-26.14	PASS
11N20MIMO	Ant2	2412	MCS0	0~Reference	-6.21	-6.21	---	PASS
11N20MIMO	Ant2	2412	MCS0	30~1000	-6.21	-61.46	≤-26.21	PASS
11N20MIMO	Ant2	2412	MCS0	1000~26500	-6.21	-49.95	≤-26.21	PASS
11N20MIMO	Ant1	2437	MCS0	0~Reference	-4.06	-4.06	---	PASS
11N20MIMO	Ant1	2437	MCS0	30~1000	-4.06	-61.42	≤-24.06	PASS
11N20MIMO	Ant1	2437	MCS0	1000~26500	-4.06	-49.84	≤-24.06	PASS
11N20MIMO	Ant2	2437	MCS0	0~Reference	-4.75	-4.75	---	PASS
11N20MIMO	Ant2	2437	MCS0	30~1000	-4.75	-61.76	≤-24.75	PASS
11N20MIMO	Ant2	2437	MCS0	1000~26500	-4.75	-50.08	≤-24.75	PASS
11N20MIMO	Ant1	2462	MCS0	0~Reference	-4.87	-4.87	---	PASS
11N20MIMO	Ant1	2462	MCS0	30~1000	-4.87	-61.88	≤-24.87	PASS
11N20MIMO	Ant1	2462	MCS0	1000~26500	-4.87	-49.34	≤-24.87	PASS
11N20MIMO	Ant2	2462	MCS0	0~Reference	-5.92	-5.92	---	PASS
11N20MIMO	Ant2	2462	MCS0	30~1000	-5.92	-60.69	≤-25.92	PASS
11N20MIMO	Ant2	2462	MCS0	1000~26500	-5.92	-49.35	≤-25.92	PASS

Test Graphs

