

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	17.600	2403.160	2420.760	0.5	PASS
11N20SISO	Ant4	2412	MCS0	17.600	2403.160	2420.760	0.5	PASS
11N20SISO	Ant3	2437	MCS0	17.600	2428.160	2445.760	0.5	PASS
11N20SISO	Ant4	2437	MCS0	17.600	2428.160	2445.760	0.5	PASS
11N20SISO	Ant3	2462	MCS0	17.600	2453.160	2470.760	0.5	PASS
11N20SISO	Ant4	2462	MCS0	17.600	2453.160	2470.760	0.5	PASS
11N20MIMO	Ant3	2412	MCS0	17.600	2403.160	2420.760	0.5	PASS
11N20MIMO	Ant4	2412	MCS0	17.600	2403.160	2420.760	0.5	PASS
11N20MIMO	Ant3	2437	MCS0	17.600	2428.160	2445.760	0.5	PASS
11N20MIMO	Ant4	2437	MCS0	17.600	2428.160	2445.760	0.5	PASS
11N20MIMO	Ant3	2462	MCS0	17.600	2453.160	2470.760	0.5	PASS
11N20MIMO	Ant4	2462	MCS0	17.600	2453.160	2470.760	0.5	PASS

Test Graphs



11N20SISO-Ant3-2412-PASS



11N20SISO-Ant4-2412-PASS



11N20SISO-Ant3-2437-PASS



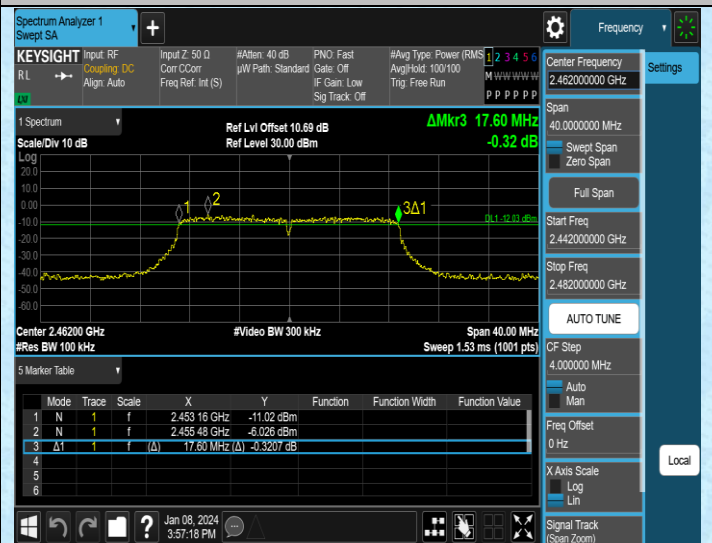
11N20SISO-Ant4-2437-PASS



11N20SISO-Ant3-2462-PASS



11N20SISO-Ant4-2462-PASS

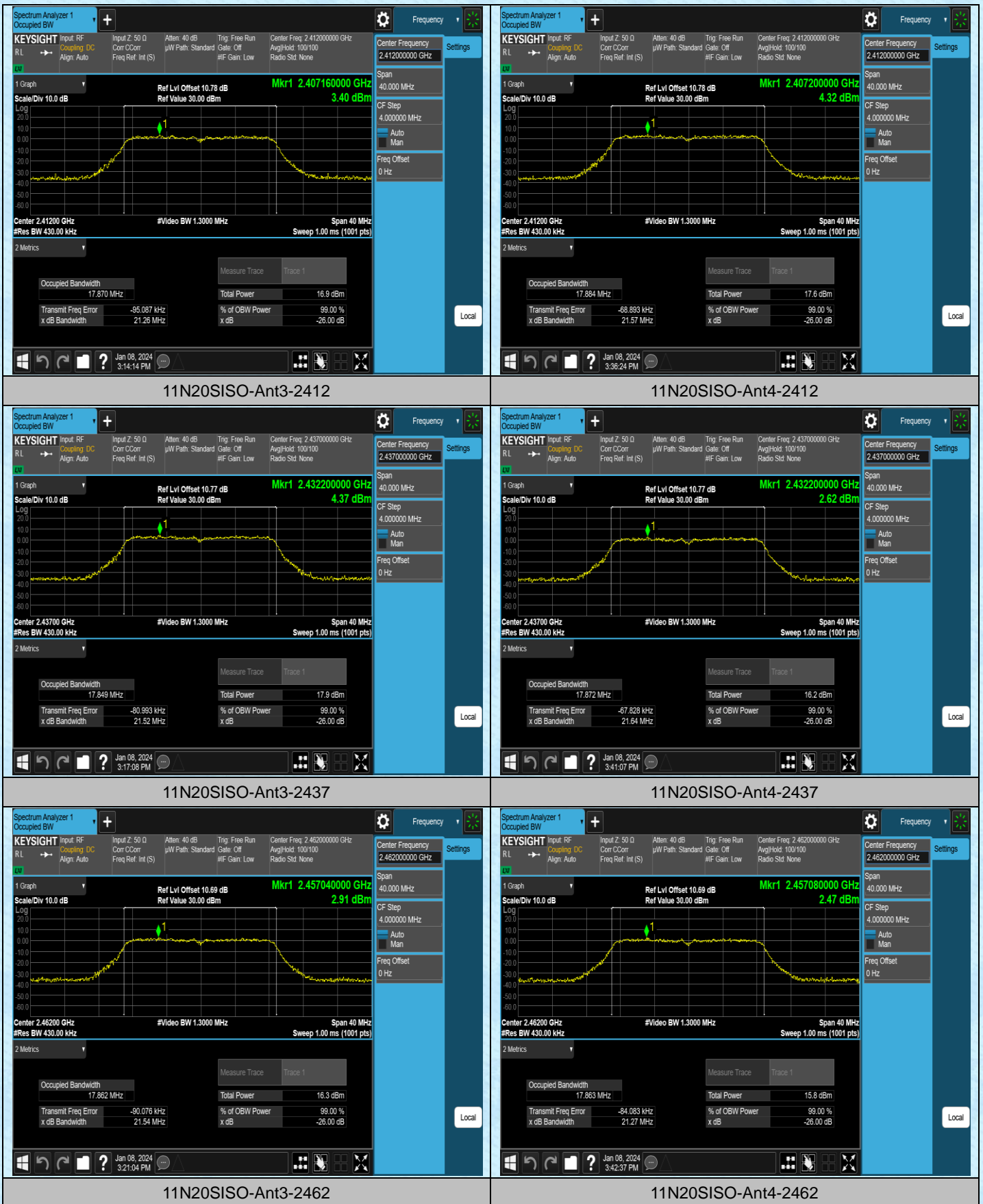


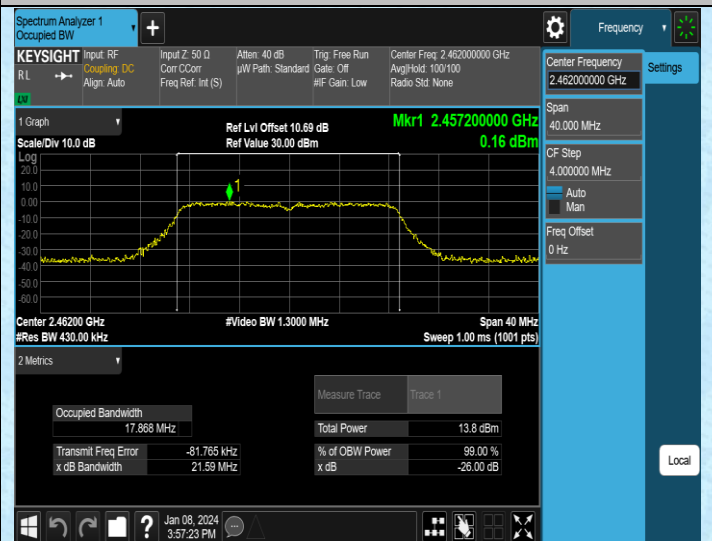
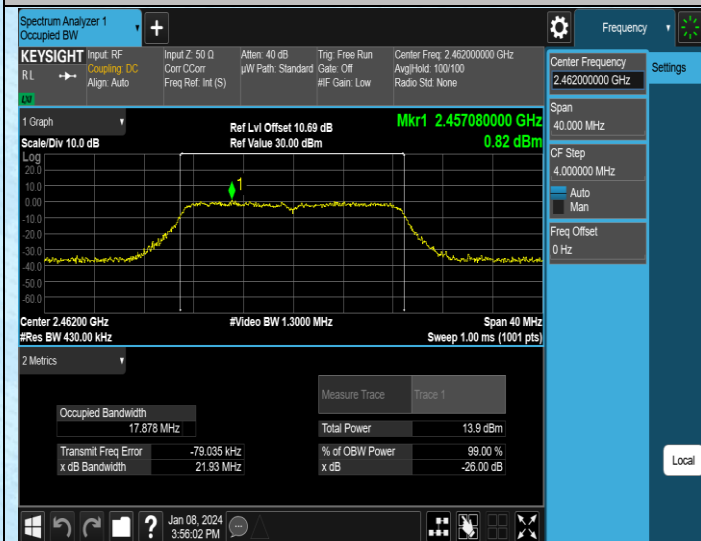
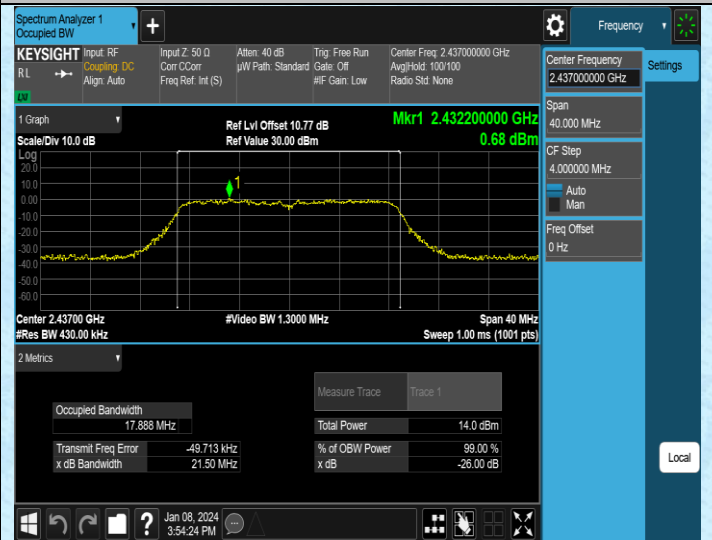
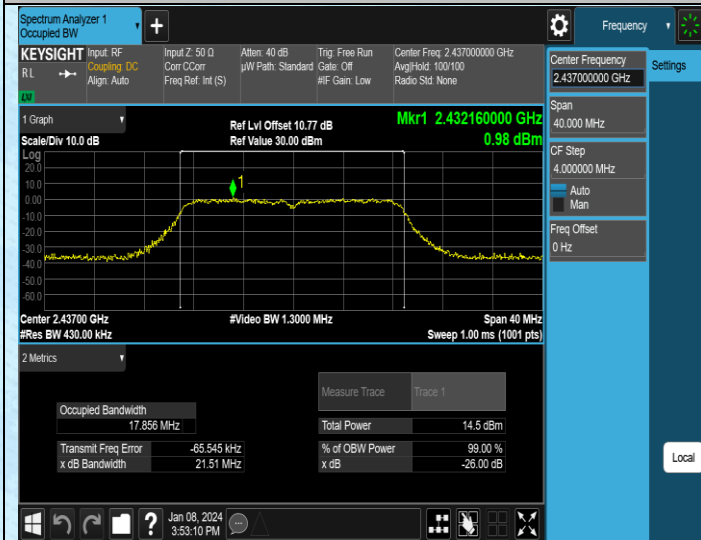
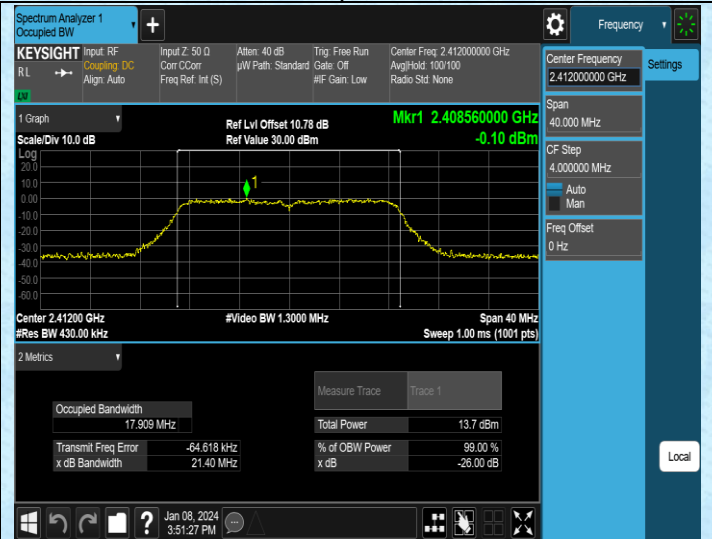
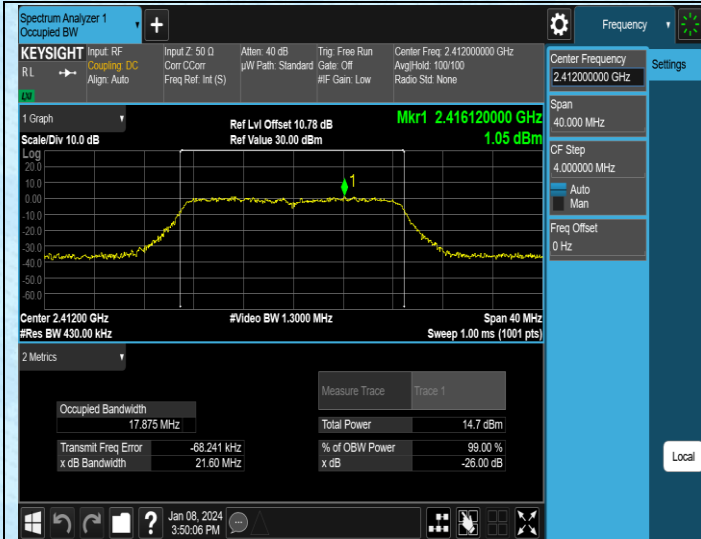
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant3	2412	MCS0	17.870	2402.9699	2420.8399	---	---
11N20SISO	Ant4	2412	MCS0	17.884	2402.9891	2420.8731	---	---
11N20SISO	Ant3	2437	MCS0	17.849	2427.9945	2445.8435	---	---
11N20SISO	Ant4	2437	MCS0	17.872	2427.9962	2445.8682	---	---
11N20SISO	Ant3	2462	MCS0	17.862	2452.9789	2470.8409	---	---
11N20SISO	Ant4	2462	MCS0	17.863	2452.9844	2470.8474	---	---
11N20MIMO	Ant3	2412	MCS0	17.875	2402.9943	2420.8693	---	---
11N20MIMO	Ant4	2412	MCS0	17.909	2402.9809	2420.8899	---	---
11N20MIMO	Ant3	2437	MCS0	17.856	2428.0065	2445.8625	---	---
11N20MIMO	Ant4	2437	MCS0	17.888	2428.0063	2445.8943	---	---
11N20MIMO	Ant3	2462	MCS0	17.878	2452.9820	2470.8600	---	---
11N20MIMO	Ant4	2462	MCS0	17.868	2452.9842	2470.8522	---	---

Test Graphs





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

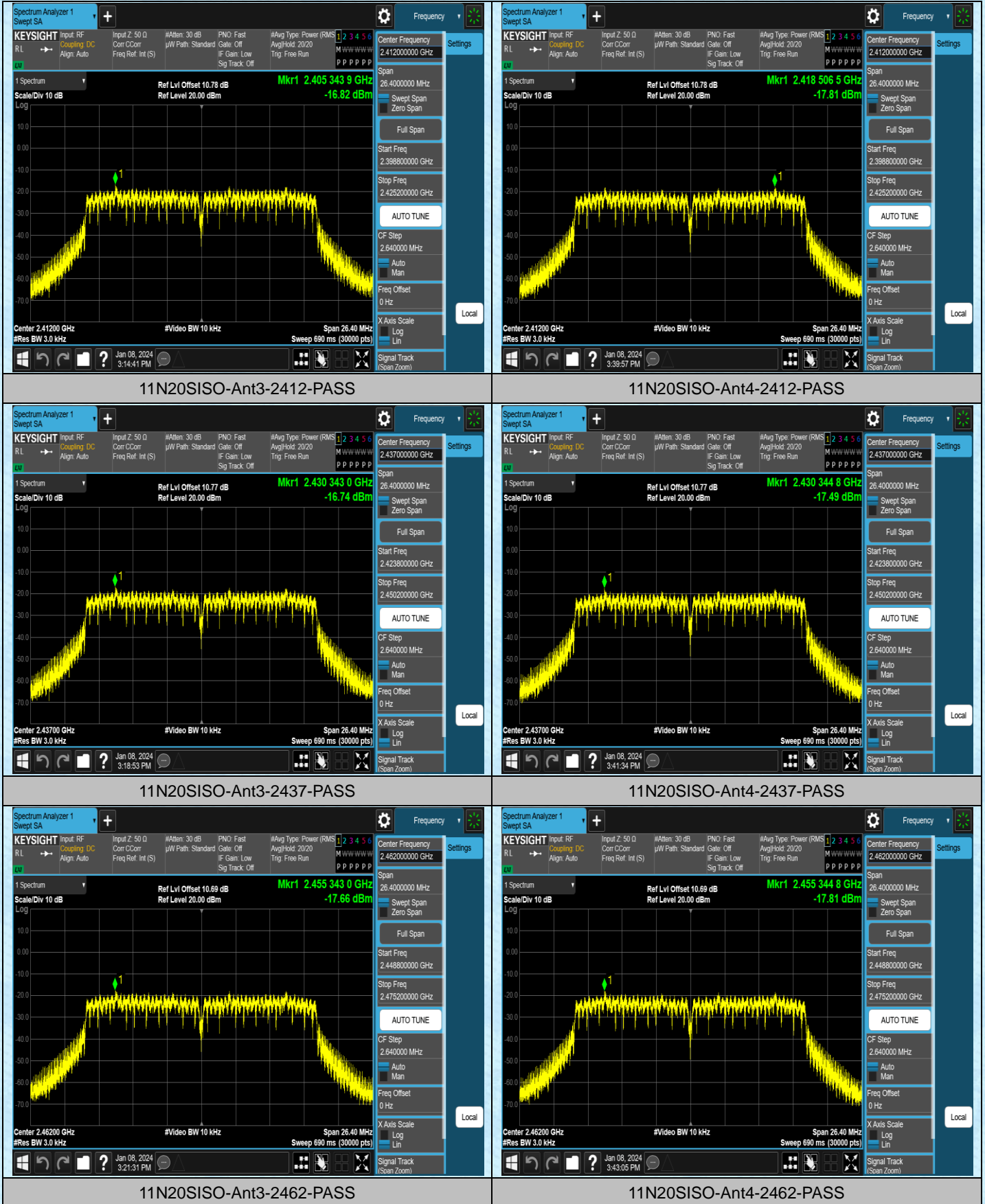
Test Mode	Antenna	Frequency [MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11N20SISO	Ant3	2412	MCS0	18.16	≤30.00	PASS
11N20SISO	Ant4	2412	MCS0	17.48	≤30.00	PASS
11N20SISO	Ant3	2437	MCS0	18.27	≤30.00	PASS
11N20SISO	Ant4	2437	MCS0	17.54	≤30.00	PASS
11N20SISO	Ant3	2462	MCS0	17.60	≤30.00	PASS
11N20SISO	Ant4	2462	MCS0	17.18	≤30.00	PASS
11N20MIMO	Ant3	2412	MCS0	16.08	≤30.00	PASS
11N20MIMO	Ant4	2412	MCS0	15.00	≤30.00	PASS
11N20MIMO	total	2412	MCS0	18.58	≤30.00	PASS
11N20MIMO	Ant3	2437	MCS0	15.84	≤30.00	PASS
11N20MIMO	Ant4	2437	MCS0	15.32	≤30.00	PASS
11N20MIMO	total	2437	MCS0	18.60	≤30.00	PASS
11N20MIMO	Ant3	2462	MCS0	15.30	≤30.00	PASS
11N20MIMO	Ant4	2462	MCS0	15.26	≤30.00	PASS
11N20MIMO	total	2462	MCS0	18.29	≤30.00	PASS

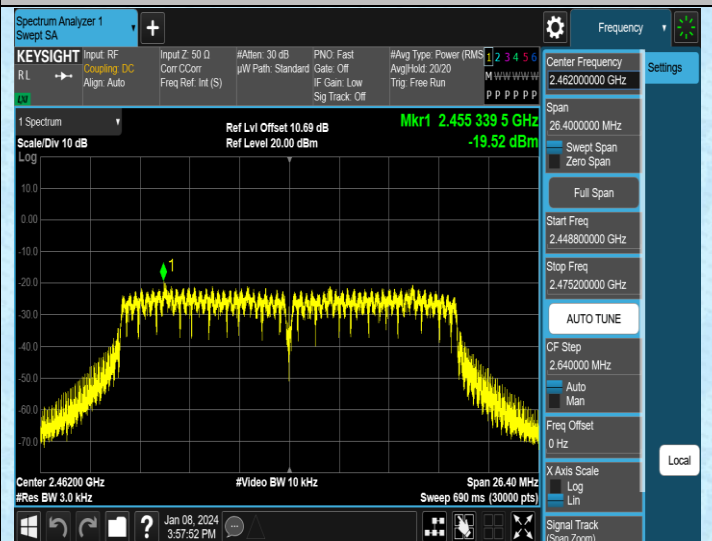
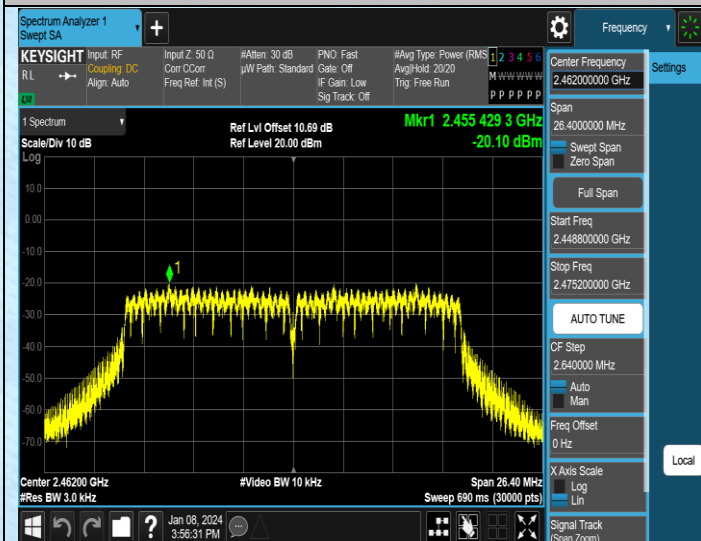
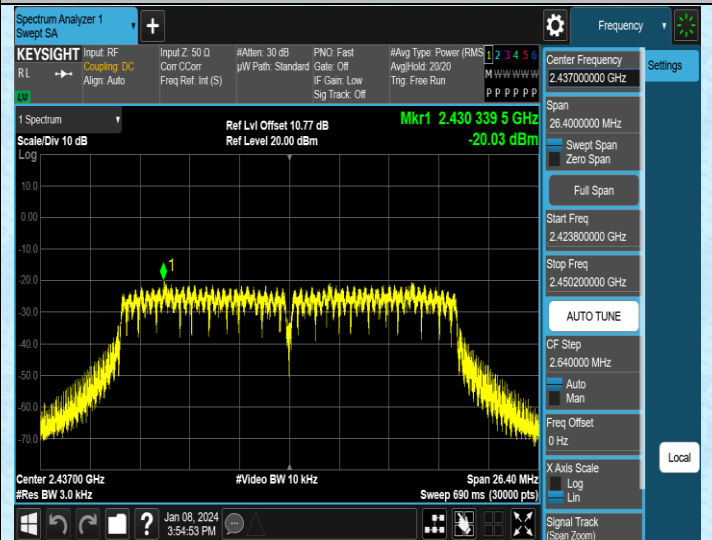
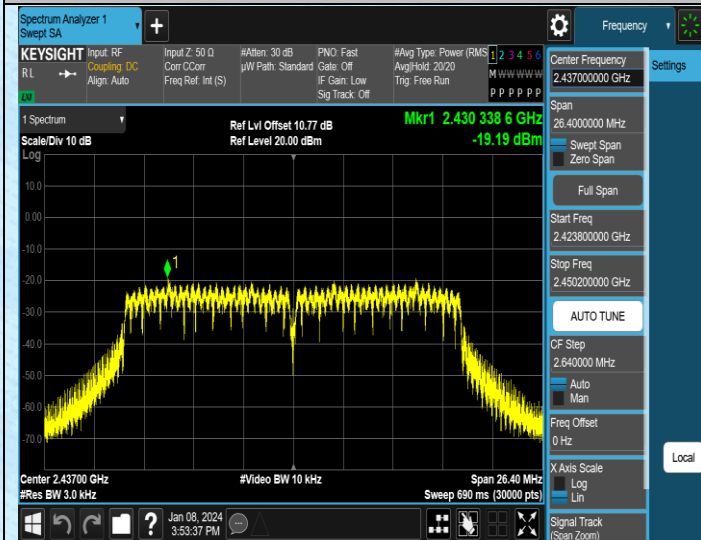
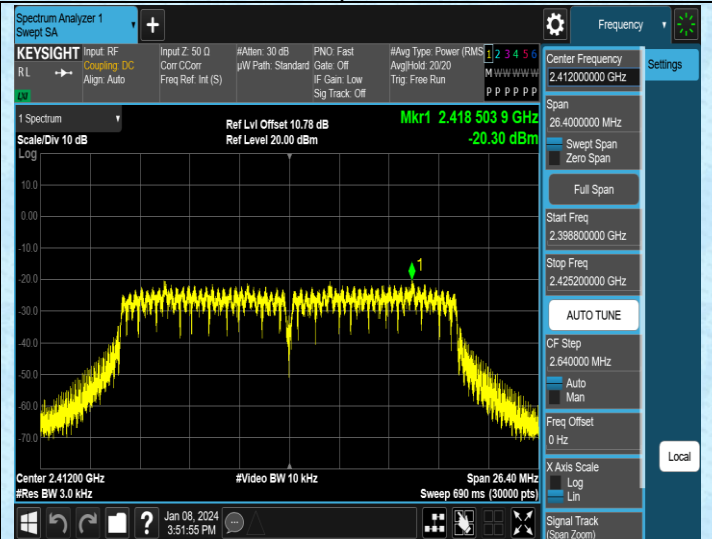
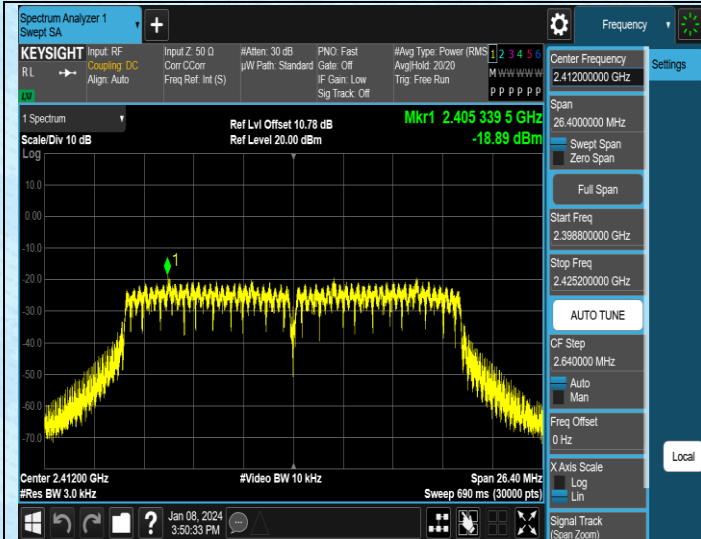
AppendixD: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11N20SISO	Ant3	2412	MCS0	-16.82	≤8.00	PASS
11N20SISO	Ant4	2412	MCS0	-17.81	≤8.00	PASS
11N20SISO	Ant3	2437	MCS0	-16.74	≤8.00	PASS
11N20SISO	Ant4	2437	MCS0	-17.49	≤8.00	PASS
11N20SISO	Ant3	2462	MCS0	-17.66	≤8.00	PASS
11N20SISO	Ant4	2462	MCS0	-17.81	≤8.00	PASS
11N20MIMO	Ant3	2412	MCS0	-18.89	≤8.00	PASS
11N20MIMO	Ant4	2412	MCS0	-20.3	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-16.53	≤8.00	PASS
11N20MIMO	Ant3	2437	MCS0	-19.19	≤8.00	PASS
11N20MIMO	Ant4	2437	MCS0	-20.03	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-16.58	≤8.00	PASS
11N20MIMO	Ant3	2462	MCS0	-20.1	≤8.00	PASS
11N20MIMO	Ant4	2462	MCS0	-19.52	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-16.79	≤8.00	PASS

Test Graphs



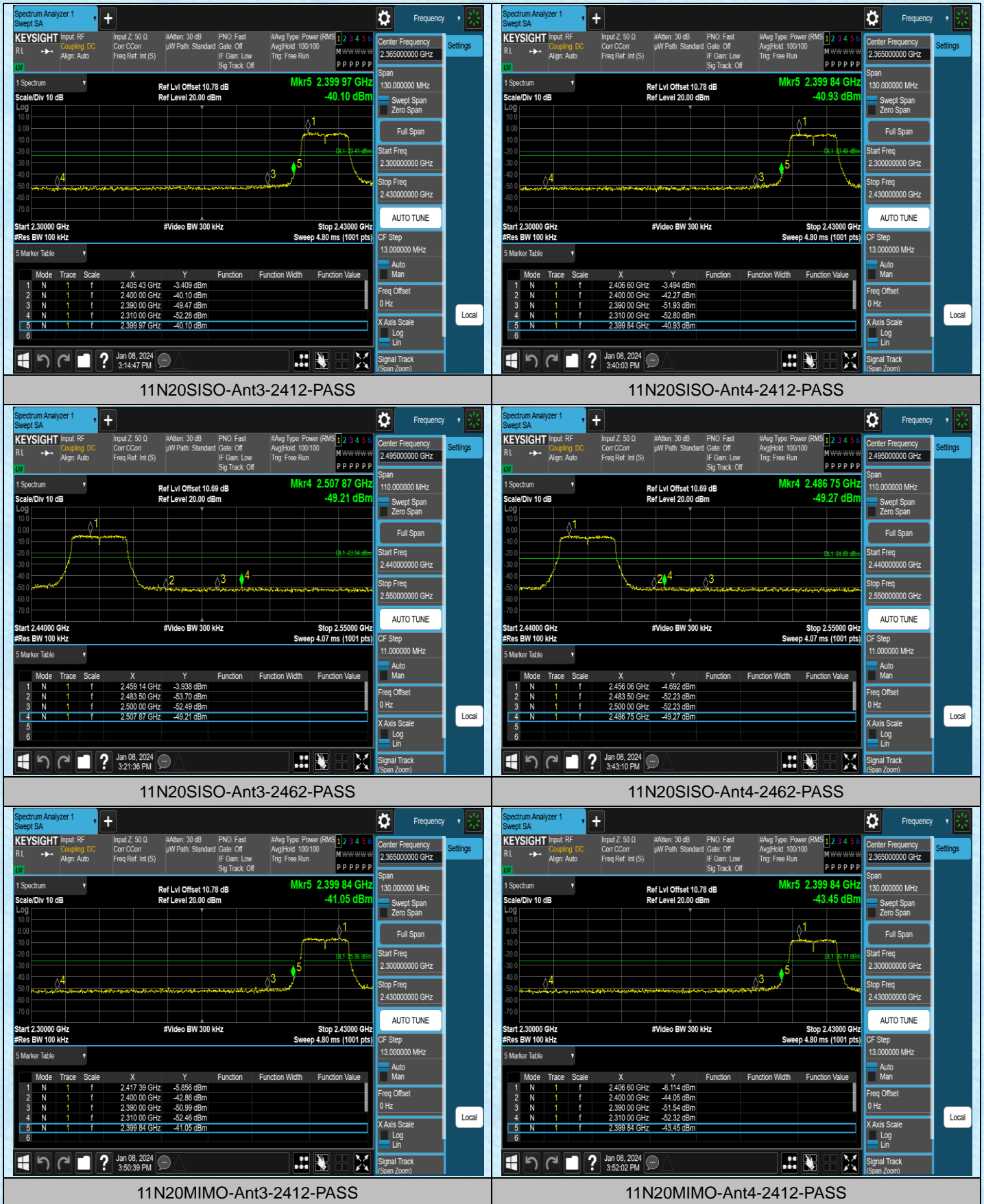


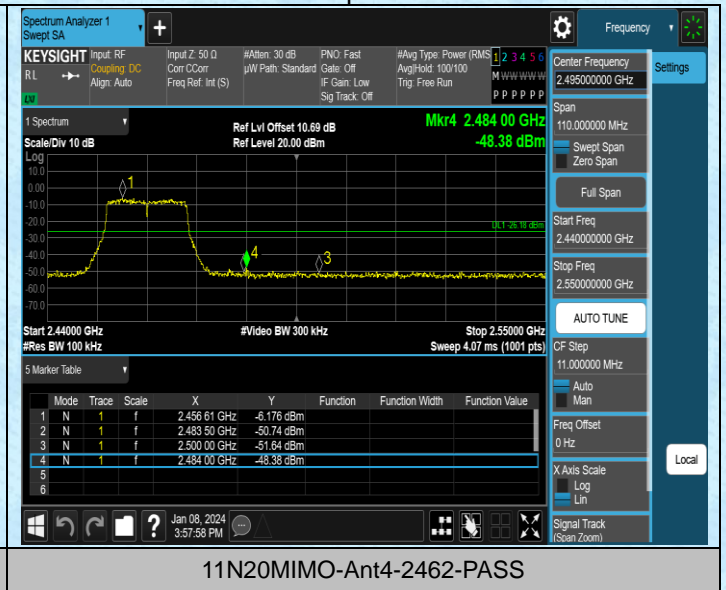
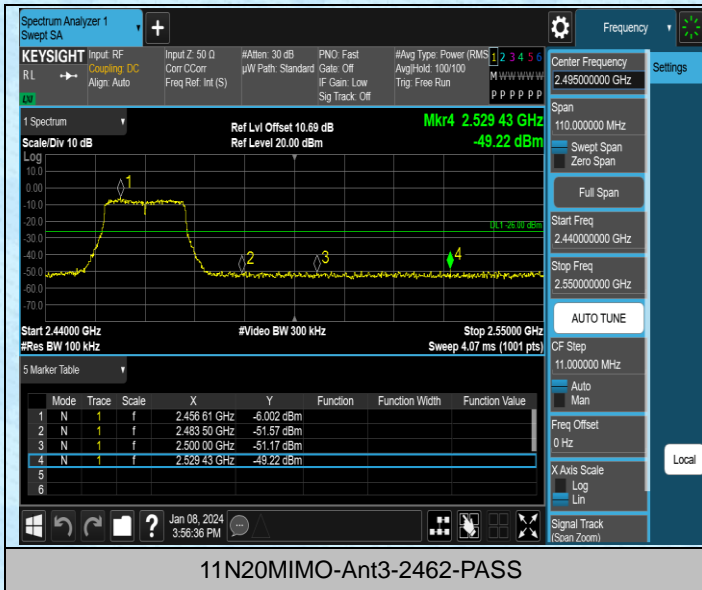
AppendixF:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	Ant3	Low	2412	MCS0	-3.41	-40.1	≤-23.41	PASS
11N20SISO	Ant4	Low	2412	MCS0	-3.49	-40.93	≤-23.49	PASS
11N20SISO	Ant3	High	2462	MCS0	-3.94	-49.21	≤-23.94	PASS
11N20SISO	Ant4	High	2462	MCS0	-4.69	-49.27	≤-24.69	PASS
11N20MIMO	Ant3	Low	2412	MCS0	-5.86	-41.05	≤-25.86	PASS
11N20MIMO	Ant4	Low	2412	MCS0	-6.11	-43.45	≤-26.11	PASS
11N20MIMO	Ant3	High	2462	MCS0	-6.00	-49.22	≤-26	PASS
11N20MIMO	Ant4	High	2462	MCS0	-6.18	-48.38	≤-26.18	PASS

Test Graphs





AppendixG: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	-3.88	-3.88	---	PASS
11N20SISO	Ant3	2412	MCS0	30~1000	-3.88	-62.26	≤-23.88	PASS
11N20SISO	Ant3	2412	MCS0	1000~26500	-3.88	-50.13	≤-23.88	PASS
11N20SISO	Ant4	2412	MCS0	0~Reference	-4.25	-4.25	---	PASS
11N20SISO	Ant4	2412	MCS0	30~1000	-4.25	-62.78	≤-24.25	PASS
11N20SISO	Ant4	2412	MCS0	1000~26500	-4.25	-50.57	≤-24.25	PASS
11N20SISO	Ant3	2437	MCS0	0~Reference	-3.73	-3.73	---	PASS
11N20SISO	Ant3	2437	MCS0	30~1000	-3.73	-62.01	≤-23.73	PASS
11N20SISO	Ant3	2437	MCS0	1000~26500	-3.73	-50.35	≤-23.73	PASS
11N20SISO	Ant4	2437	MCS0	0~Reference	-4.35	-4.35	---	PASS
11N20SISO	Ant4	2437	MCS0	30~1000	-4.35	-61.64	≤-24.35	PASS
11N20SISO	Ant4	2437	MCS0	1000~26500	-4.35	-38.58	≤-24.35	PASS
11N20SISO	Ant3	2462	MCS0	0~Reference	-3.96	-3.96	---	PASS
11N20SISO	Ant3	2462	MCS0	30~1000	-3.96	-62.51	≤-23.96	PASS
11N20SISO	Ant3	2462	MCS0	1000~26500	-3.96	-37.15	≤-23.96	PASS
11N20SISO	Ant4	2462	MCS0	0~Reference	-4.21	-4.21	---	PASS
11N20SISO	Ant4	2462	MCS0	30~1000	-4.21	-61.94	≤-24.21	PASS
11N20SISO	Ant4	2462	MCS0	1000~26500	-4.21	-47.92	≤-24.21	PASS
11N20MIMO	Ant3	2412	MCS0	0~Reference	-5.93	-5.93	---	PASS
11N20MIMO	Ant3	2412	MCS0	30~1000	-5.93	-61.31	≤-25.93	PASS
11N20MIMO	Ant3	2412	MCS0	1000~26500	-5.93	-49.73	≤-25.93	PASS
11N20MIMO	Ant4	2412	MCS0	0~Reference	-6.55	-6.55	---	PASS
11N20MIMO	Ant4	2412	MCS0	30~1000	-6.55	-61.97	≤-26.55	PASS
11N20MIMO	Ant4	2412	MCS0	1000~26500	-6.55	-37.92	≤-26.55	PASS
11N20MIMO	Ant3	2437	MCS0	0~Reference	-5.58	-5.58	---	PASS
11N20MIMO	Ant3	2437	MCS0	30~1000	-5.58	-60.96	≤-25.58	PASS
11N20MIMO	Ant3	2437	MCS0	1000~26500	-5.58	-49.73	≤-25.58	PASS
11N20MIMO	Ant4	2437	MCS0	0~Reference	-5.67	-5.67	---	PASS
11N20MIMO	Ant4	2437	MCS0	30~1000	-5.67	-62.1	≤-25.67	PASS
11N20MIMO	Ant4	2437	MCS0	1000~26500	-5.67	-49.91	≤-25.67	PASS
11N20MIMO	Ant3	2462	MCS0	0~Reference	-6.60	-6.60	---	PASS
11N20MIMO	Ant3	2462	MCS0	30~1000	-6.60	-62.63	≤-26.6	PASS
11N20MIMO	Ant3	2462	MCS0	1000~26500	-6.60	-49.88	≤-26.6	PASS
11N20MIMO	Ant4	2462	MCS0	0~Reference	-5.91	-5.91	---	PASS
11N20MIMO	Ant4	2462	MCS0	30~1000	-5.91	-54.87	≤-25.91	PASS
11N20MIMO	Ant4	2462	MCS0	1000~26500	-5.91	-48.84	≤-25.91	PASS

Test Graphs

