

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	6.080	2408.960	2415.040	0.5	PASS
11B	Ant1	2437	1Mbps	8.040	2432.960	2441.000	0.5	PASS
11B	Ant1	2462	1Mbps	6.520	2458.440	2464.960	0.5	PASS
11G	Ant1	2412	6Mbps	16.320	2403.840	2420.160	0.5	PASS
11G	Ant1	2437	6Mbps	16.360	2428.840	2445.200	0.5	PASS
11G	Ant1	2462	6Mbps	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.560	2403.240	2420.800	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.600	2428.200	2445.800	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.560	2453.200	2470.760	0.5	PASS

Test Graphs





11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



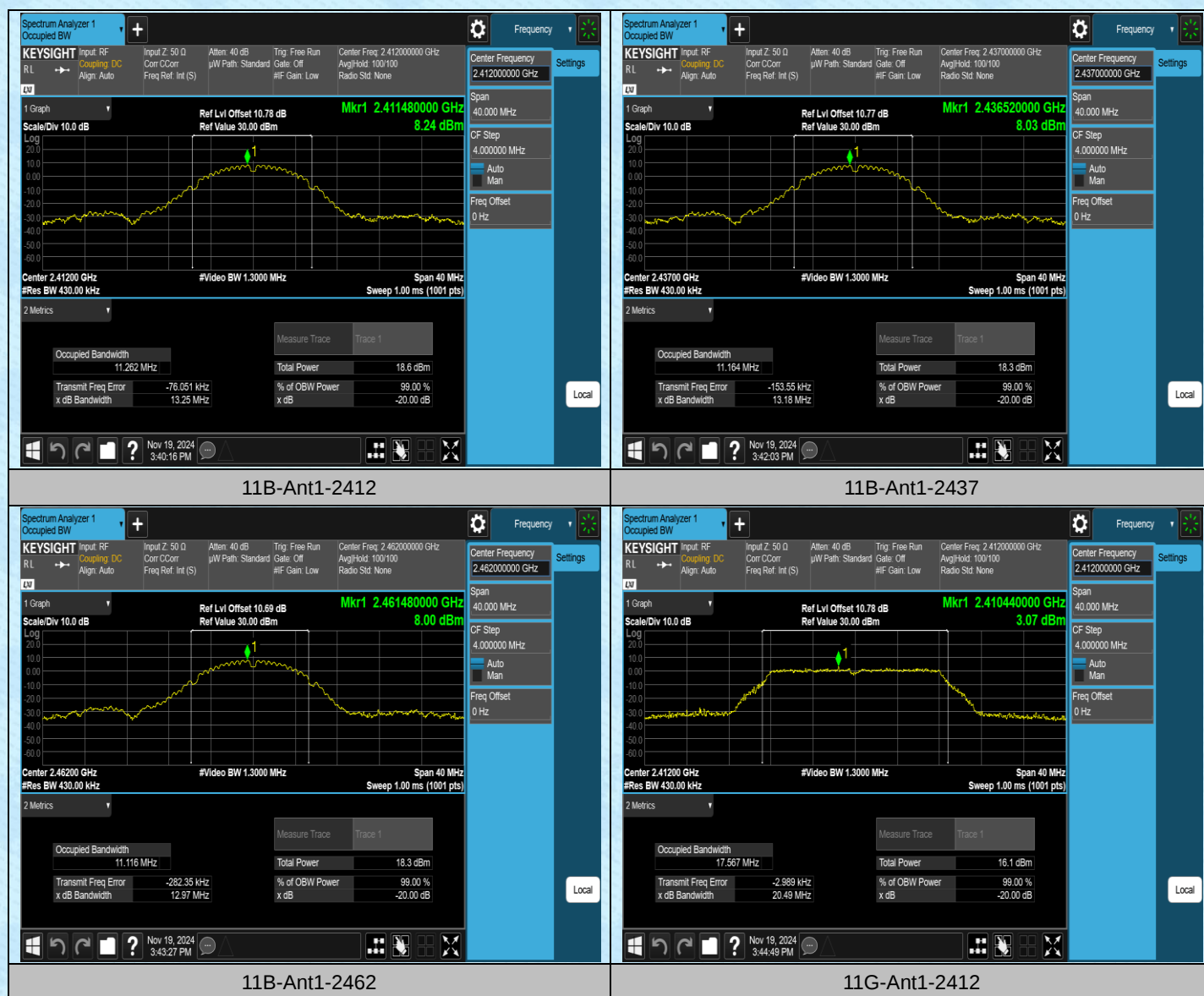
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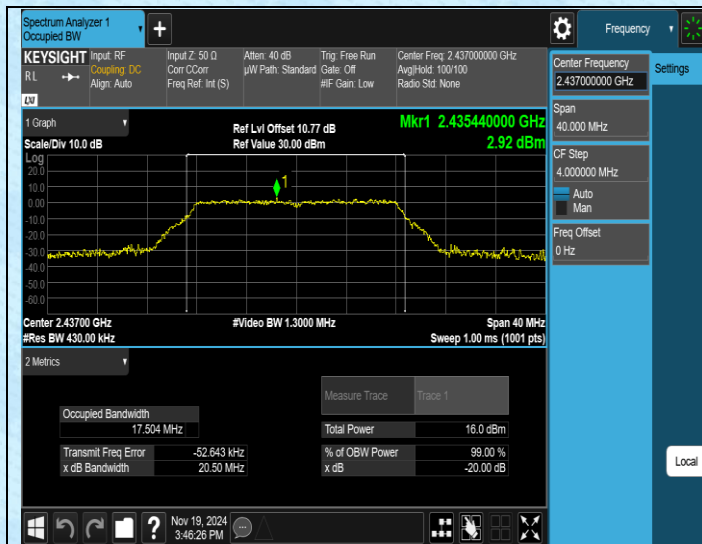
AppendixB: Occupied Channel Bandwidth

Test Result

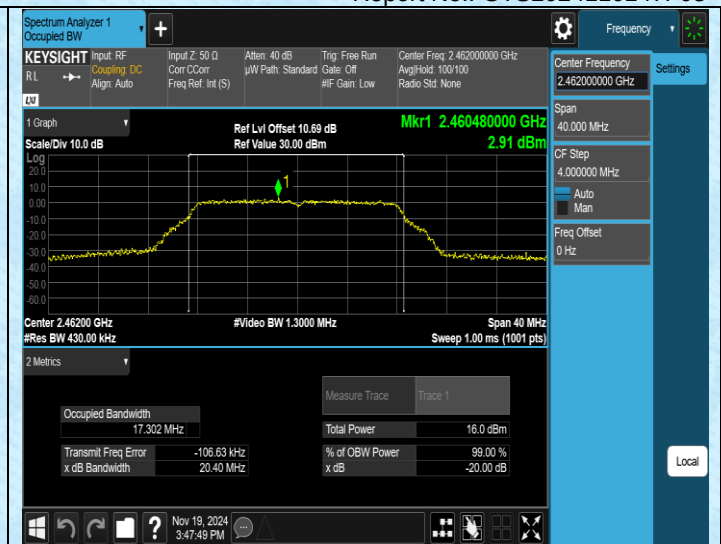
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	1Mbps	11.262	2406.2930	2417.5550
11B	Ant1	2437	1Mbps	11.164	2431.2645	2442.4285
11B	Ant1	2462	1Mbps	11.116	2456.1597	2467.2757
11G	Ant1	2412	6Mbps	17.567	2403.2135	2420.7805
11G	Ant1	2437	6Mbps	17.504	2428.1954	2445.6994
11G	Ant1	2462	6Mbps	17.302	2453.2424	2470.5444
11N20SISO	Ant1	2412	MCS0	18.460	2402.8027	2421.2627
11N20SISO	Ant1	2437	MCS0	18.519	2427.7480	2446.2670
11N20SISO	Ant1	2462	MCS0	18.363	2452.7720	2471.1350

Test Graphs

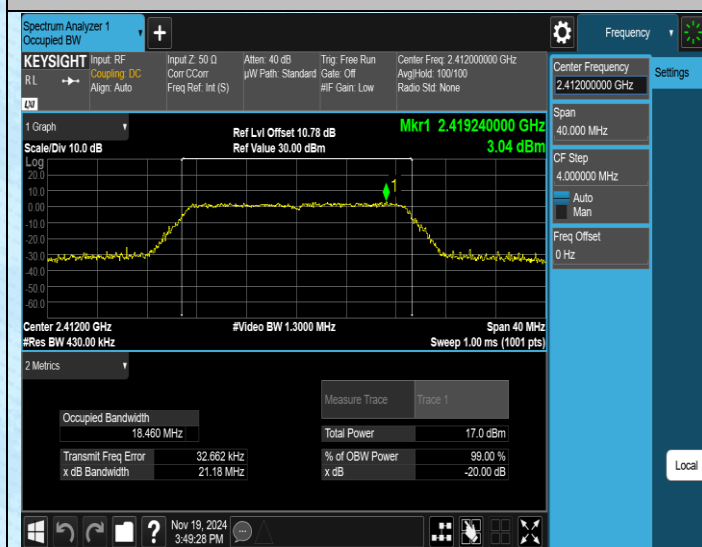




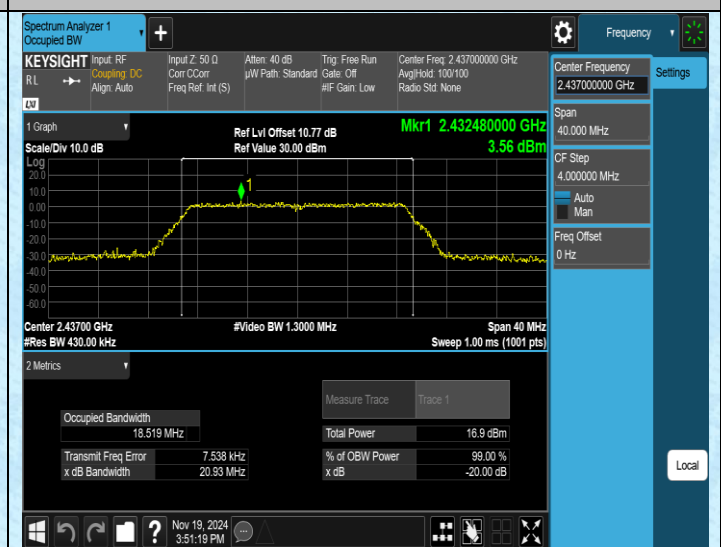
11G-Ant1-2437



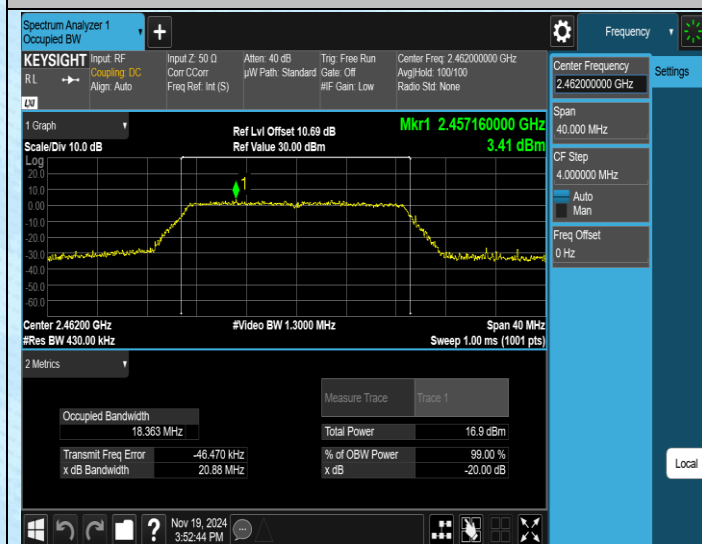
11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



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

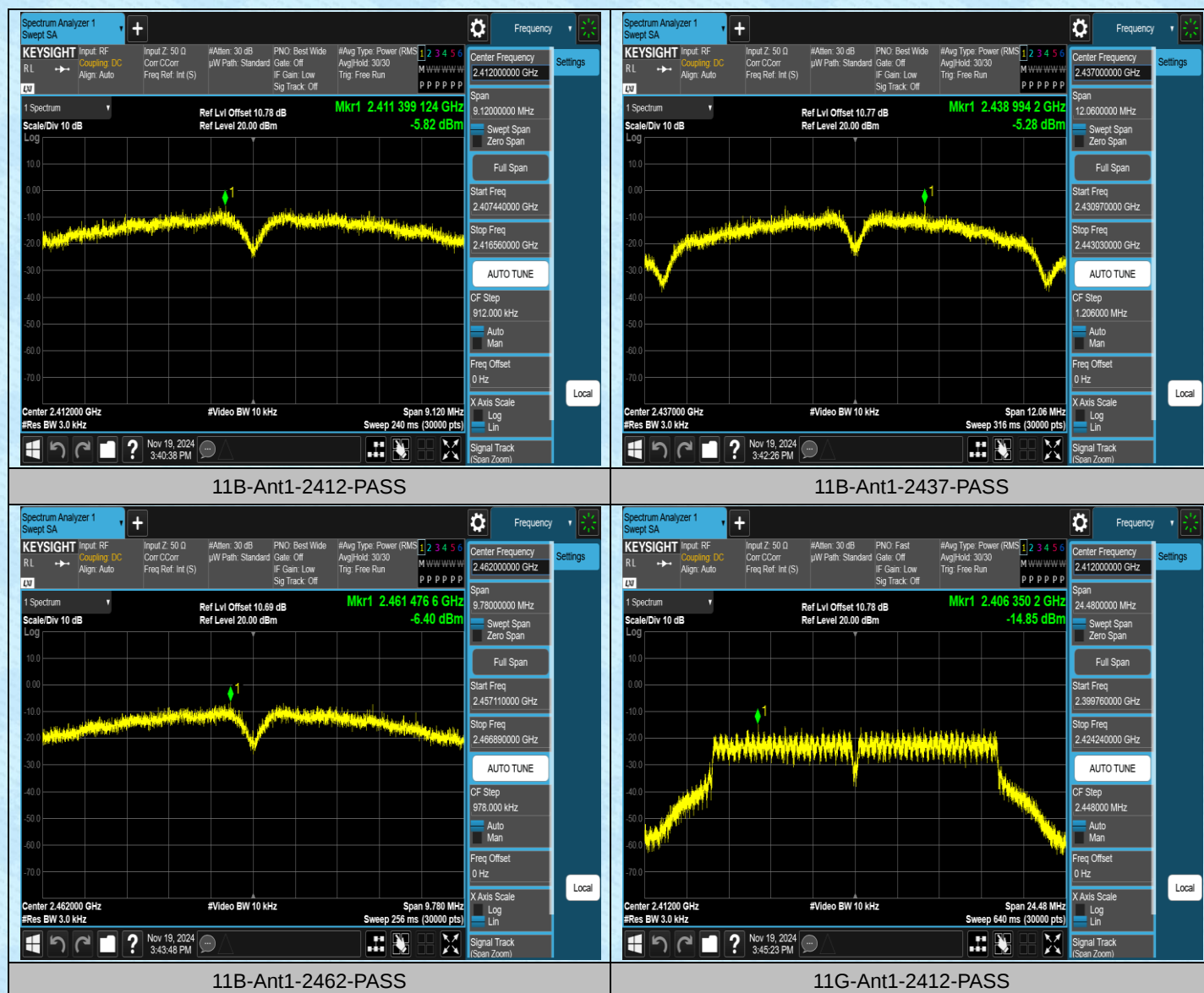
Test Mode	Antenna	Frequency[M Hz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	14.57	≤30.00	PASS
11B	Ant1	2437	1Mbps	14.22	≤30.00	PASS
11B	Ant1	2462	1Mbps	13.52	≤30.00	PASS
11G	Ant1	2412	6Mbps	13.88	≤30.00	PASS
11G	Ant1	2437	6Mbps	13.79	≤30.00	PASS
11G	Ant1	2462	6Mbps	13.59	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	13.86	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	13.83	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	13.50	≤30.00	PASS

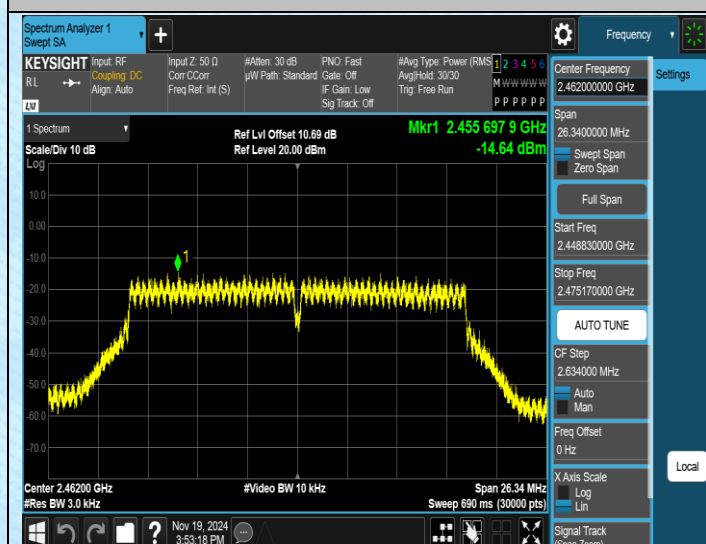
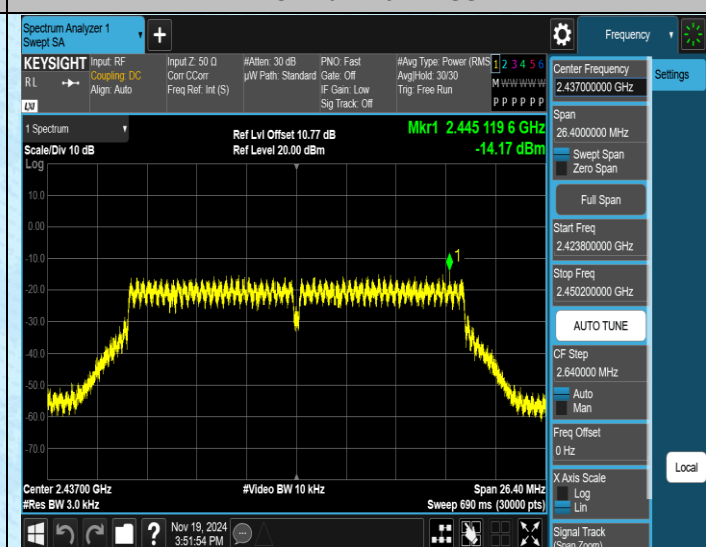
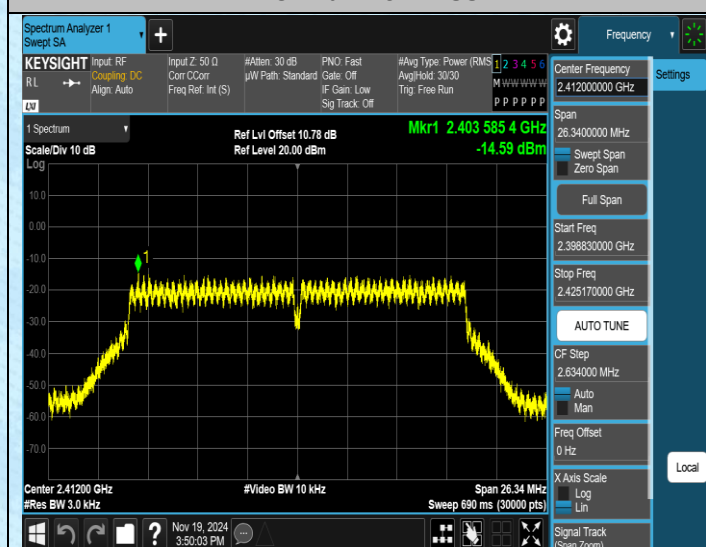
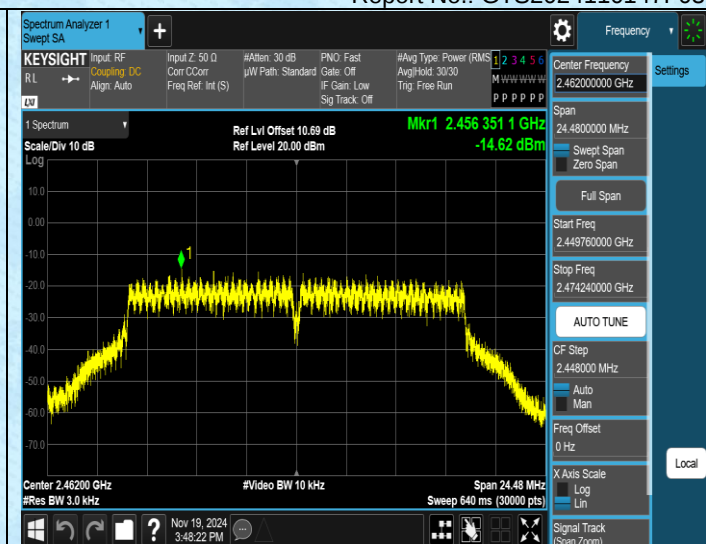
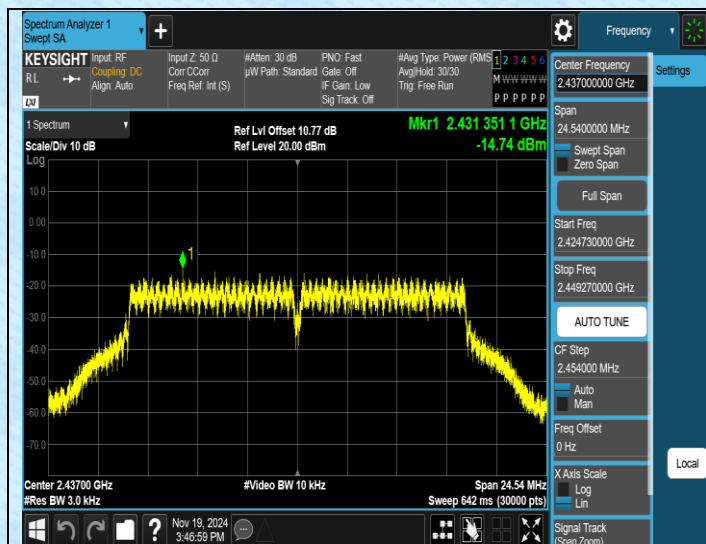
AppendixD: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-5.82	≤8.00	PASS
11B	Ant1	2437	1Mbps	-5.28	≤8.00	PASS
11B	Ant1	2462	1Mbps	-6.4	≤8.00	PASS
11G	Ant1	2412	6Mbps	-14.85	≤8.00	PASS
11G	Ant1	2437	6Mbps	-14.74	≤8.00	PASS
11G	Ant1	2462	6Mbps	-14.62	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-14.6	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-14.17	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-14.65	≤8.00	PASS

Test Graphs



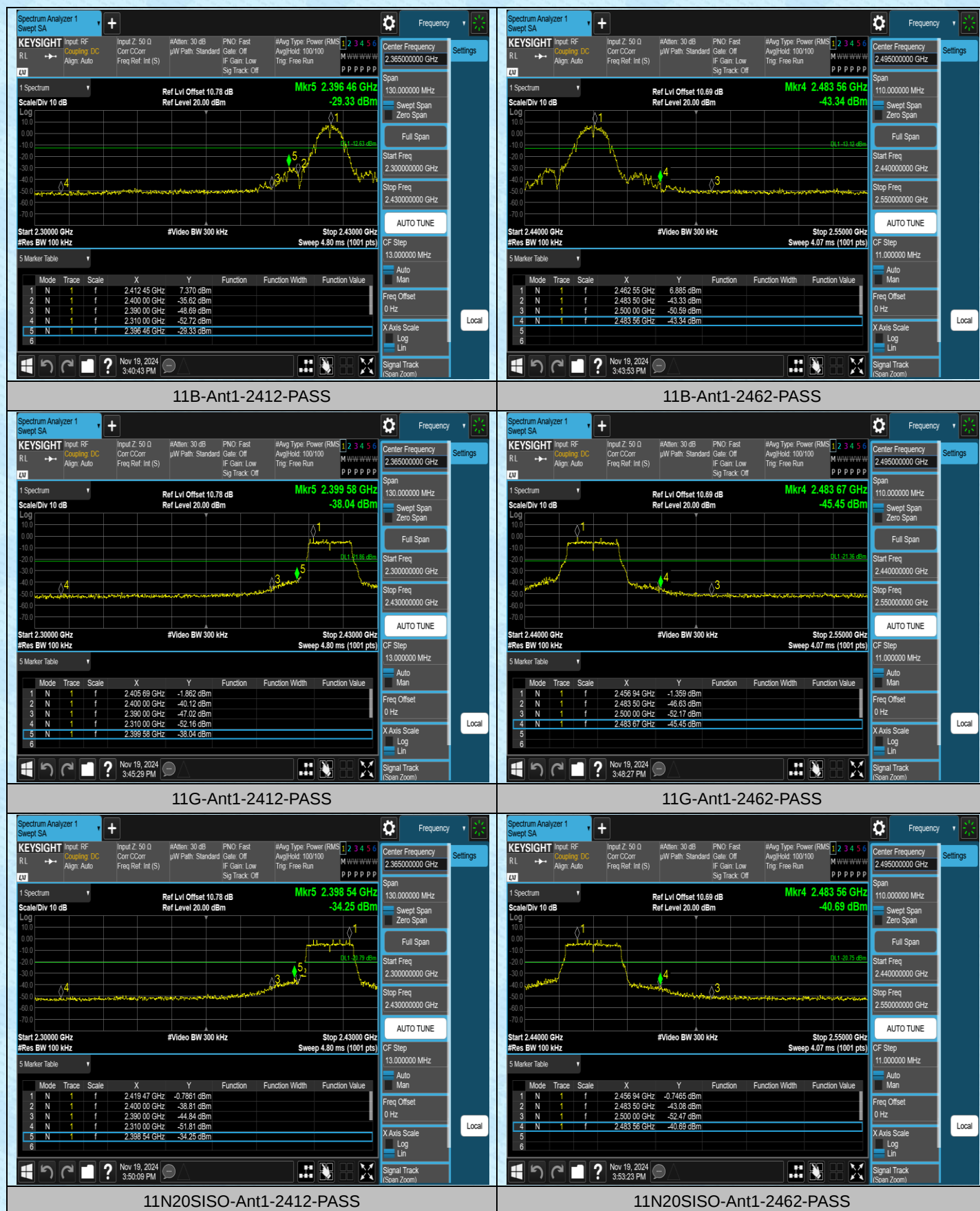


AppendixE:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	7.37	-29.33	≤-12.63	PASS
11B	Ant1	High	2462	1Mbps	6.89	-43.34	≤-13.12	PASS
11G	Ant1	Low	2412	6Mbps	-1.86	-38.05	≤-21.86	PASS
11G	Ant1	High	2462	6Mbps	-1.36	-45.45	≤-21.36	PASS
11N20SISO	Ant1	Low	2412	MCS0	-0.79	-34.25	≤-20.79	PASS
11N20SISO	Ant1	High	2462	MCS0	-0.75	-40.69	≤-20.75	PASS

Test Graphs

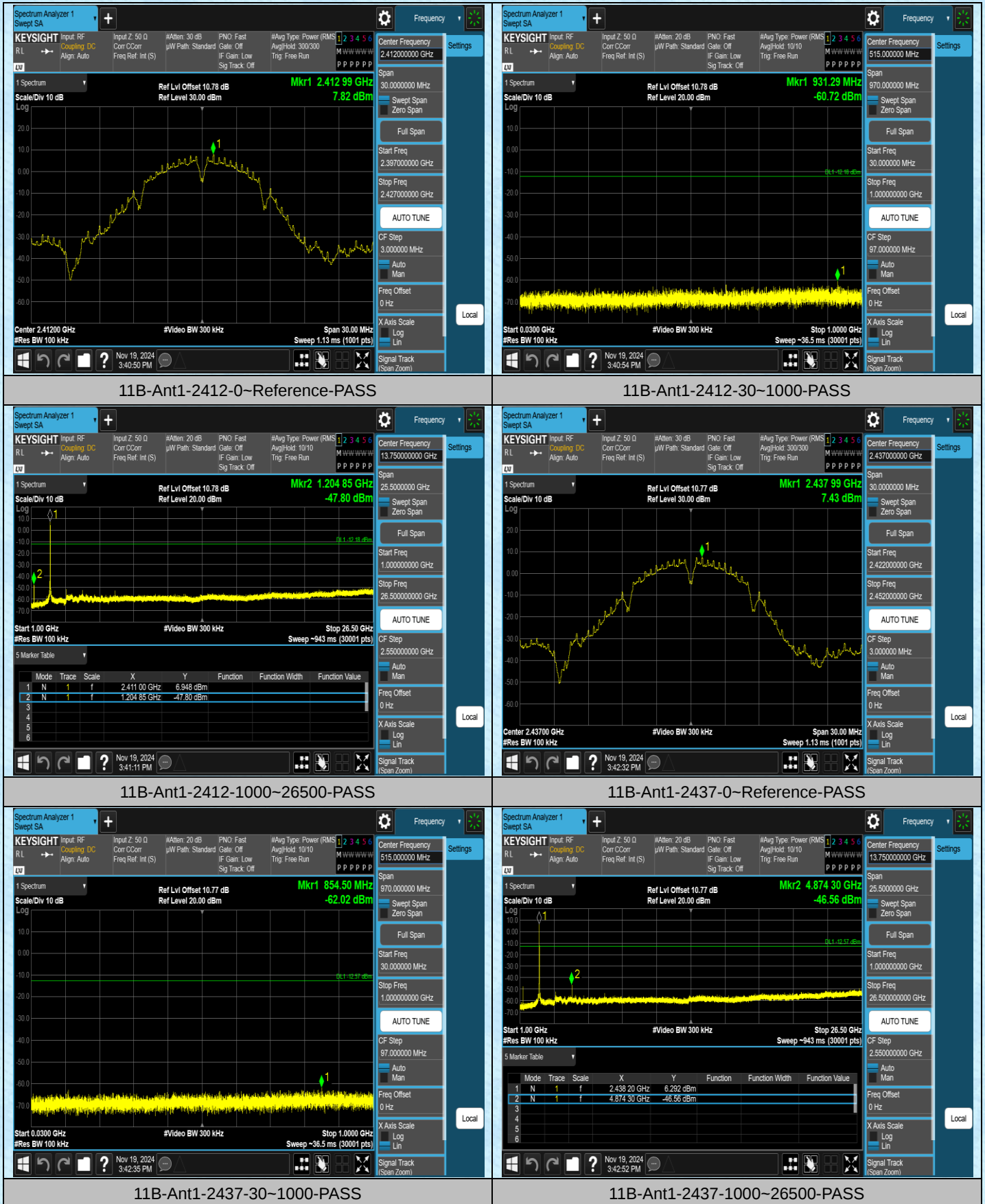


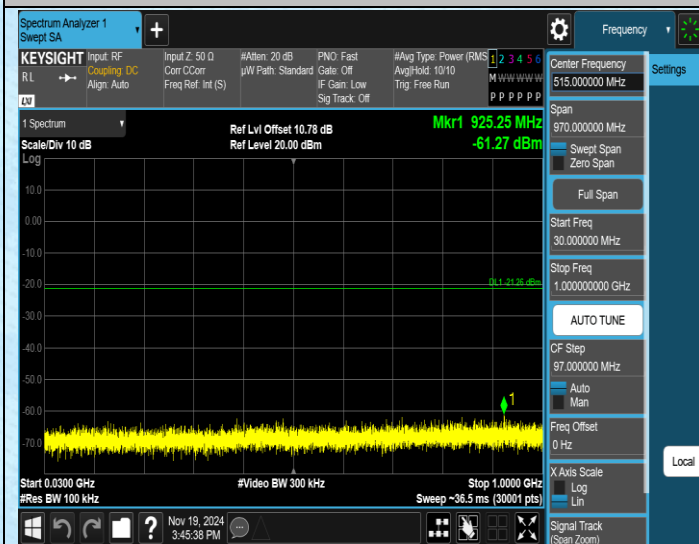
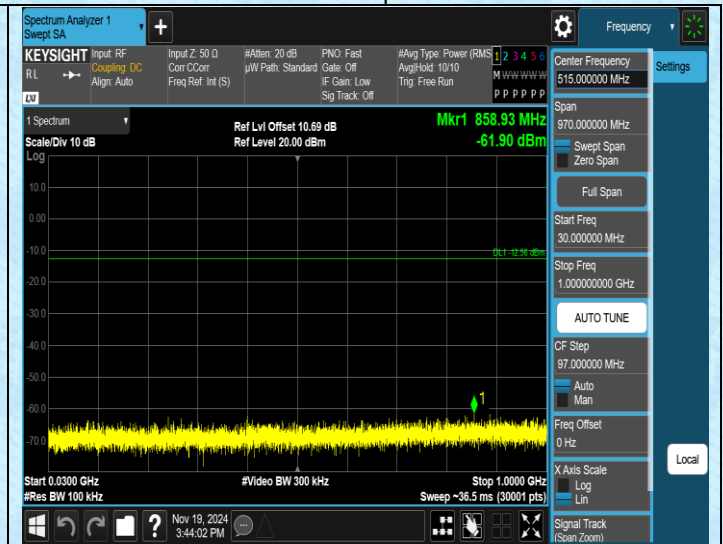
AppendixF:Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Freq Range [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	0~Reference	7.82	7.82	---	PASS
11B	Ant1	2412	1Mbps	30~1000	7.82	-60.72	≤-12.18	PASS
11B	Ant1	2412	1Mbps	1000~26500	7.82	-47.8	≤-12.18	PASS
11B	Ant1	2437	1Mbps	0~Reference	7.43	7.43	---	PASS
11B	Ant1	2437	1Mbps	30~1000	7.43	-62.02	≤-12.57	PASS
11B	Ant1	2437	1Mbps	1000~26500	7.43	-46.56	≤-12.57	PASS
11B	Ant1	2462	1Mbps	0~Reference	7.44	7.44	---	PASS
11B	Ant1	2462	1Mbps	30~1000	7.44	-61.9	≤-12.56	PASS
11B	Ant1	2462	1Mbps	1000~26500	7.44	-45.81	≤-12.56	PASS
11G	Ant1	2412	6Mbps	0~Reference	-1.26	-1.26	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-1.26	-61.27	≤-21.26	PASS
11G	Ant1	2412	6Mbps	1000~26500	-1.26	-50.11	≤-21.26	PASS
11G	Ant1	2437	6Mbps	0~Reference	-1.42	-1.42	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-1.42	-61.75	≤-21.42	PASS
11G	Ant1	2437	6Mbps	1000~26500	-1.42	-50.21	≤-21.42	PASS
11G	Ant1	2462	6Mbps	0~Reference	-1.28	-1.28	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-1.28	-61.8	≤-21.28	PASS
11G	Ant1	2462	6Mbps	1000~26500	-1.28	-50.46	≤-21.28	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-0.41	-0.41	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-0.41	-61.75	≤-20.41	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-0.41	-50.06	≤-20.41	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-0.38	-0.38	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-0.38	-61.16	≤-20.38	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-0.38	-50.54	≤-20.38	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-0.55	-0.55	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-0.55	-61.85	≤-20.55	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-0.55	-50.79	≤-20.55	PASS

Test Graphs



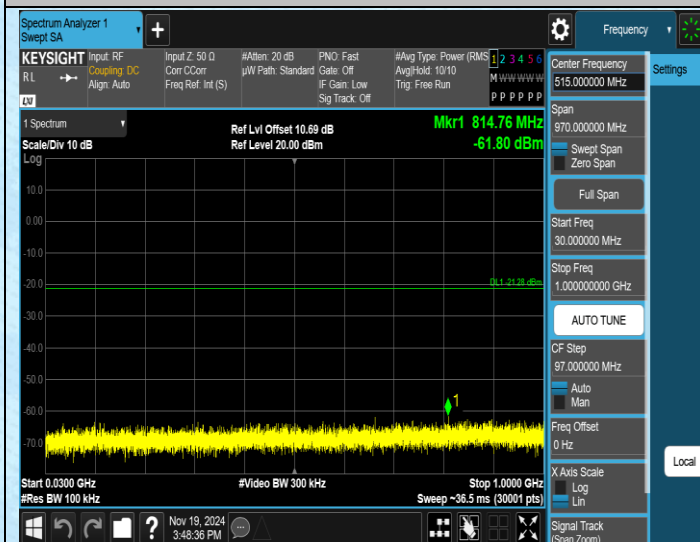




11G-Ant1-2437-0~Reference-PASS



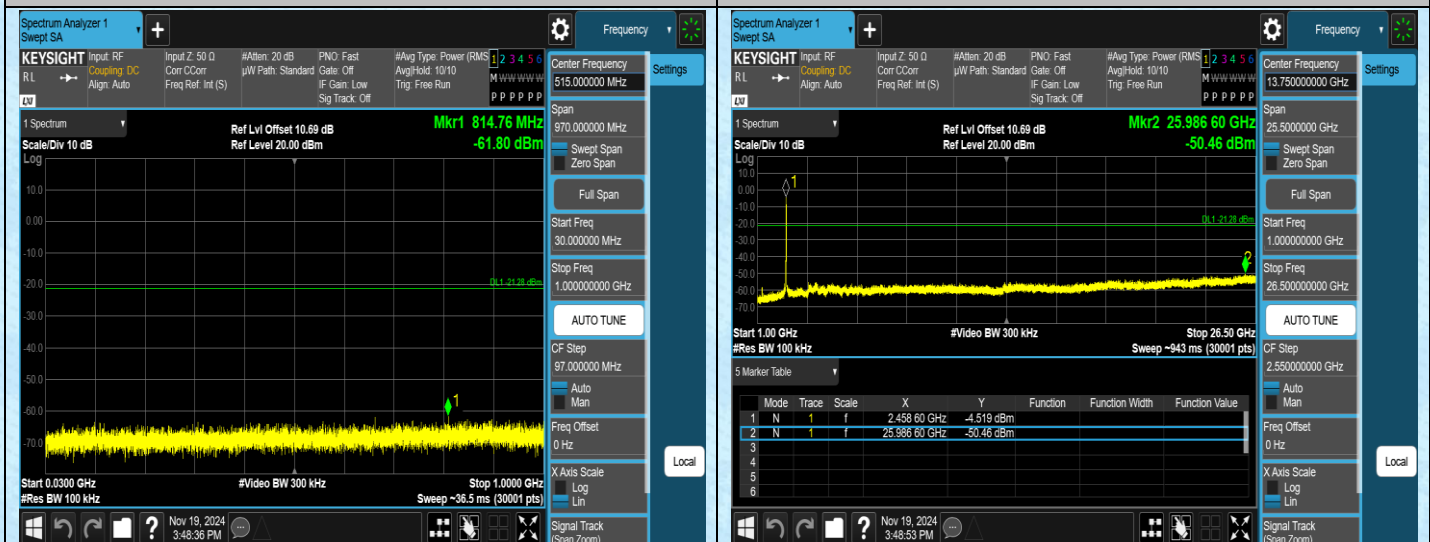
11G-Ant1-2437-1000~26500-PASS



11G-Ant1-2462-30~1000-PASS



11G-Ant1-2462-0~Reference-PASS



11G-Ant1-2462-1000~26500-PASS