

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	10.040	2406.960	2417.000	0.5	PASS
11B	Ant1	2437	1Mbps	10.040	2431.960	2442.000	0.5	PASS
11B	Ant1	2462	1Mbps	9.760	2456.960	2466.720	0.5	PASS
11G	Ant1	2412	6Mbps	16.560	2403.720	2420.280	0.5	PASS
11G	Ant1	2437	6Mbps	16.560	2428.720	2445.280	0.5	PASS
11G	Ant1	2462	6Mbps	16.560	2453.720	2470.280	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.640	2403.160	2420.800	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.760	2428.120	2445.880	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.760	2453.120	2470.880	0.5	PASS

Test Graphs





11B-Ant1-2462



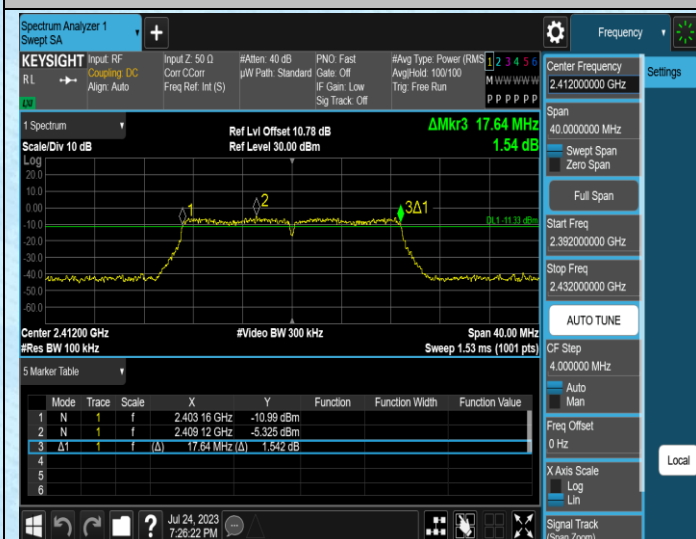
11G-Ant1-2412



11G-Ant1-2437



11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



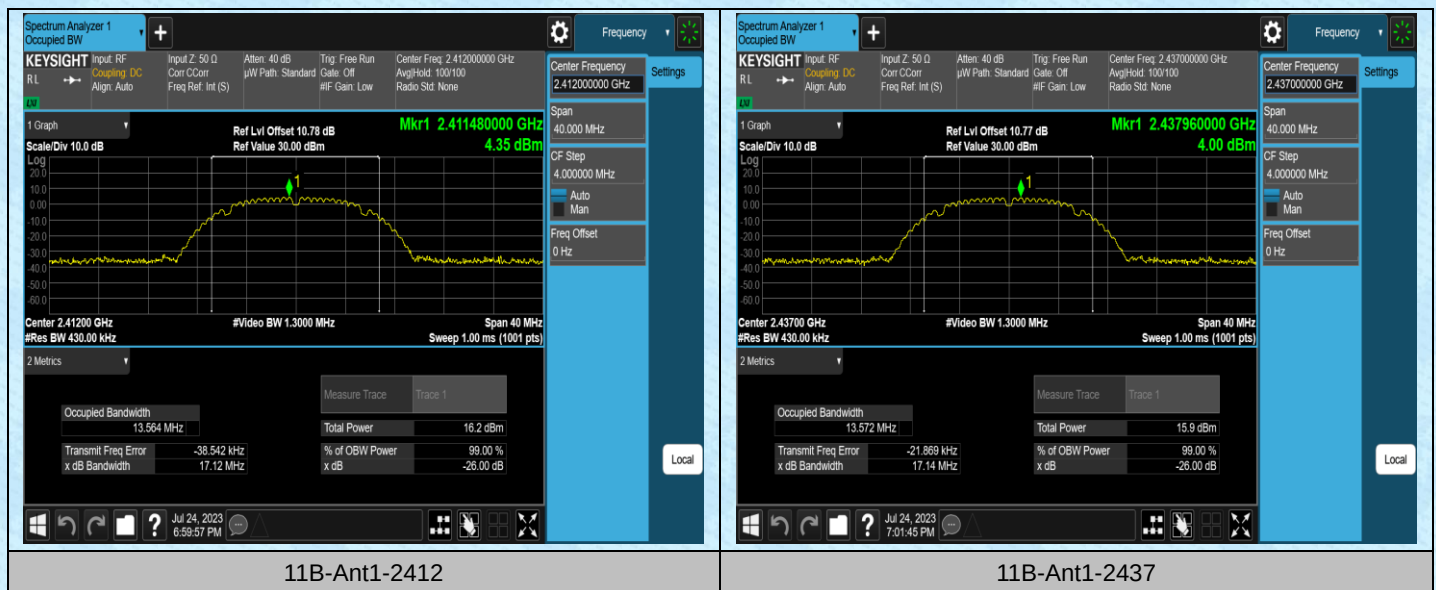
11N20SISO-Ant1-2462

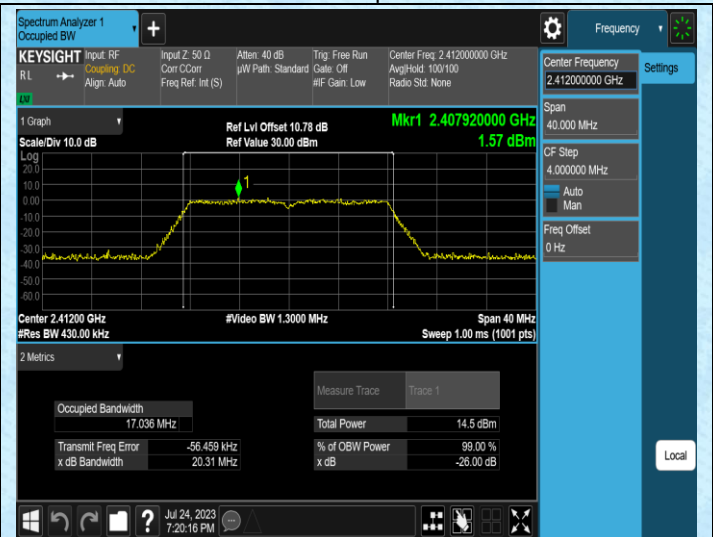
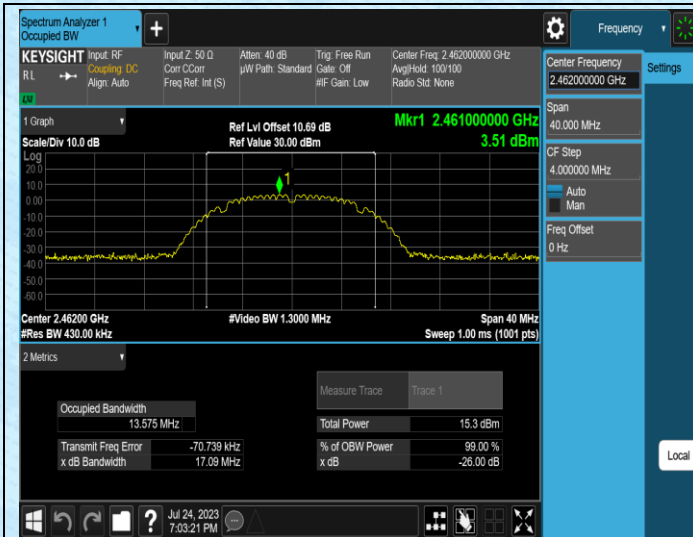
AppendixB: Occupied Channel Bandwidth

Test Result

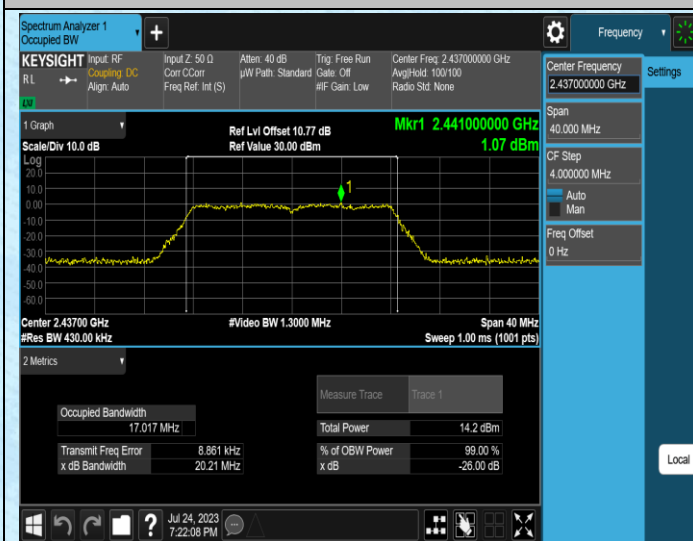
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	13.564	2405.1795	2418.7435	---	---
11B	Ant1	2437	1Mbps	13.572	2430.1921	2443.7641	---	---
11B	Ant1	2462	1Mbps	13.575	2455.1418	2468.7168	---	---
11G	Ant1	2412	6Mbps	17.036	2403.4255	2420.4615	---	---
11G	Ant1	2437	6Mbps	17.017	2428.5004	2445.5174	---	---
11G	Ant1	2462	6Mbps	16.945	2453.4783	2470.4233	---	---
11N20SISO	Ant1	2412	MCS0	17.848	2403.0797	2420.9277	---	---
11N20SISO	Ant1	2437	MCS0	17.878	2428.0759	2445.9539	---	---
11N20SISO	Ant1	2462	MCS0	17.823	2453.0599	2470.8829	---	---

Test Graphs



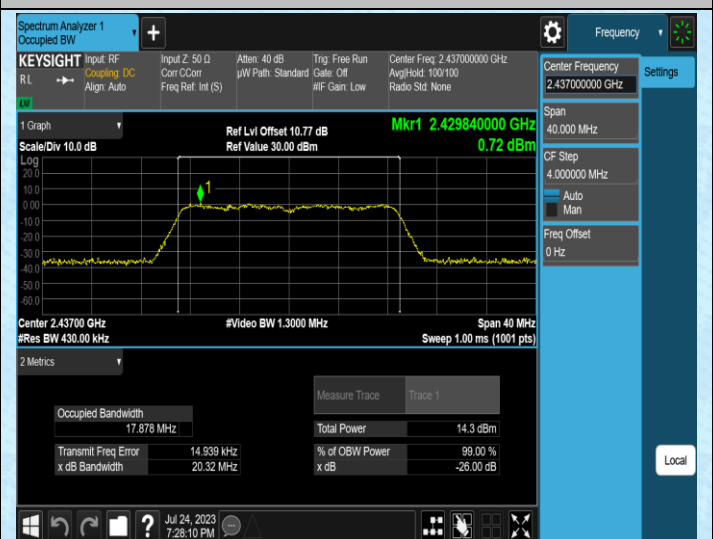
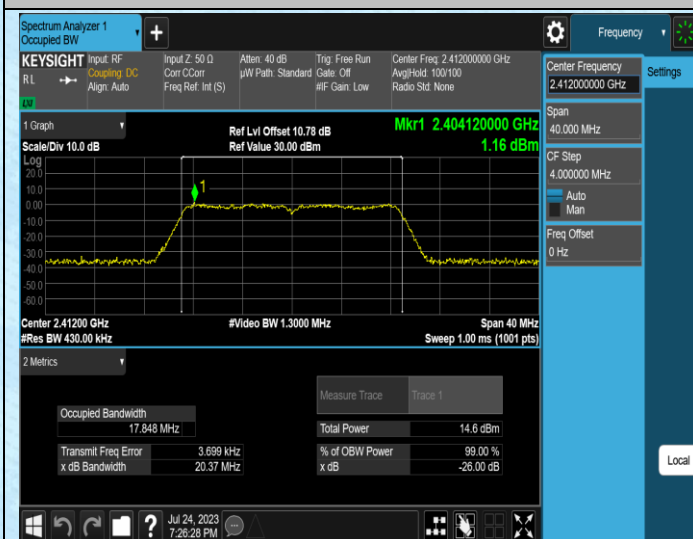


11B-Ant1-2462



11G-Ant1-2412

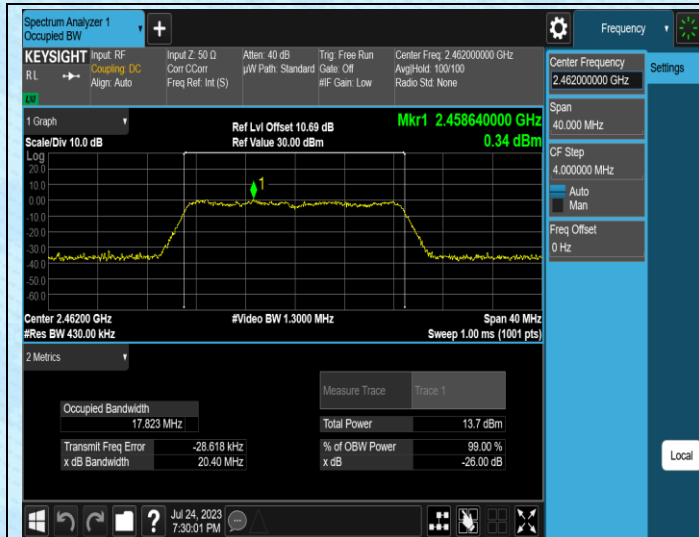
11G-Ant1-2437



11G-Ant1-2462

11N20SISO-Ant1-2412

11N20SISO-Ant1-2437



11N20SISO-Ant1-2462

AppendixC: Maximum conducted output power

Test Result Peak

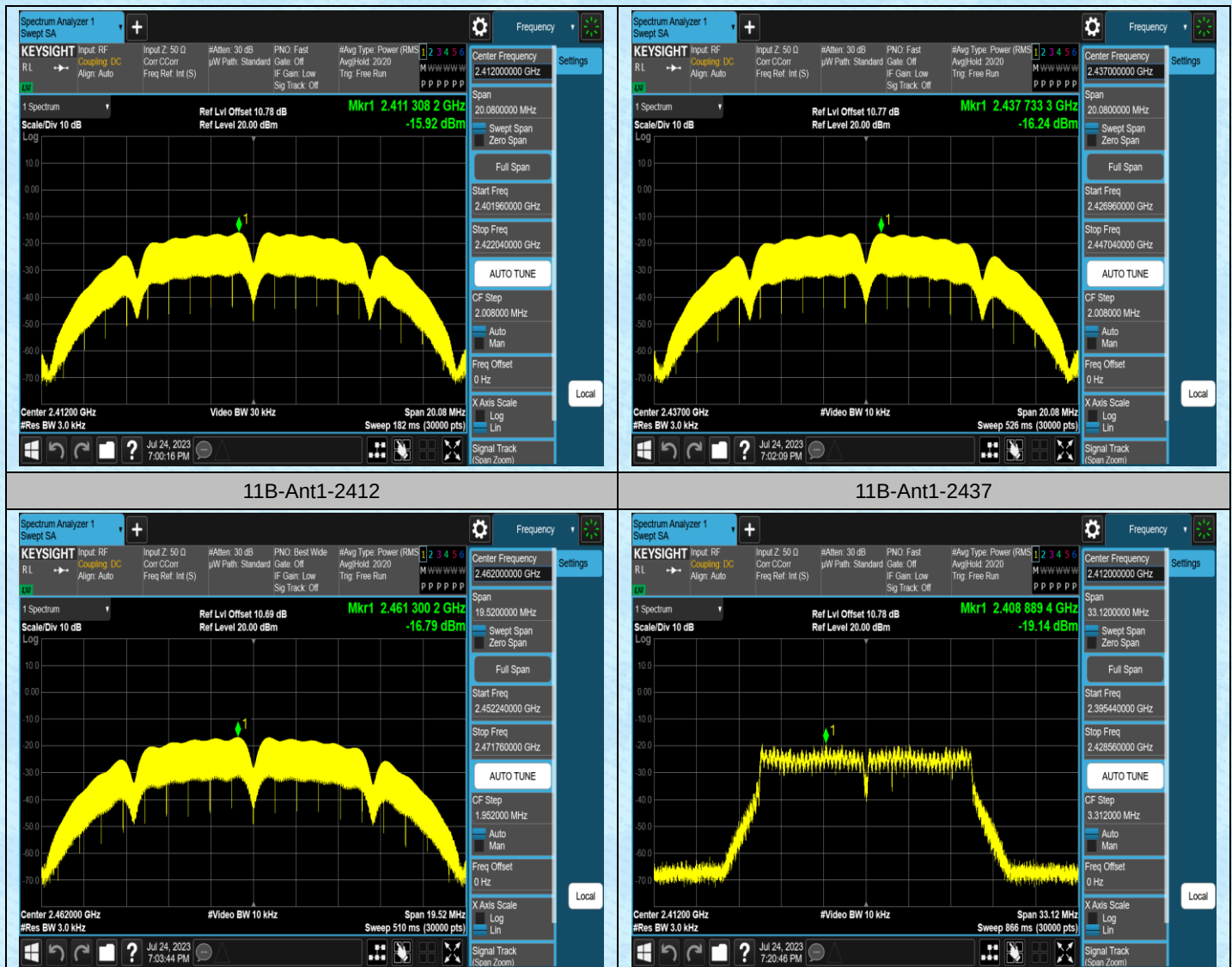
Test Mode	Antenna	Frequency [MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	15.98	≤30.00	18.08	≤36.00	PASS
11B	Ant1	2437	1Mbps	15.64	≤30.00	17.74	≤36.00	PASS
11B	Ant1	2462	1Mbps	15.02	≤30.00	17.12	≤36.00	PASS
11G	Ant1	2412	6Mbps	15.81	≤30.00	17.91	≤36.00	PASS
11G	Ant1	2437	6Mbps	15.48	≤30.00	17.58	≤36.00	PASS
11G	Ant1	2462	6Mbps	14.89	≤30.00	16.99	≤36.00	PASS
11N20SISO	Ant1	2412	MCS0	15.98	≤30.00	18.08	≤36.00	PASS
11N20SISO	Ant1	2437	MCS0	15.62	≤30.00	17.72	≤36.00	PASS
11N20SISO	Ant1	2462	MCS0	15.04	≤30.00	17.14	≤36.00	PASS

AppendixD: Maximum power spectral density

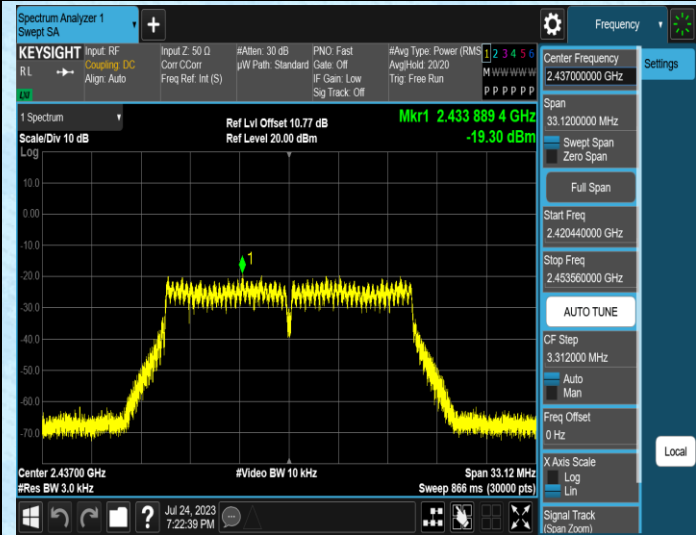
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-15.92	≤8.00	PASS
11B	Ant1	2437	1Mbps	-16.24	≤8.00	PASS
11B	Ant1	2462	1Mbps	-16.79	≤8.00	PASS
11G	Ant1	2412	6Mbps	-19.14	≤8.00	PASS
11G	Ant1	2437	6Mbps	-19.3	≤8.00	PASS
11G	Ant1	2462	6Mbps	-19.88	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-18.96	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-19.29	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-19.74	≤8.00	PASS

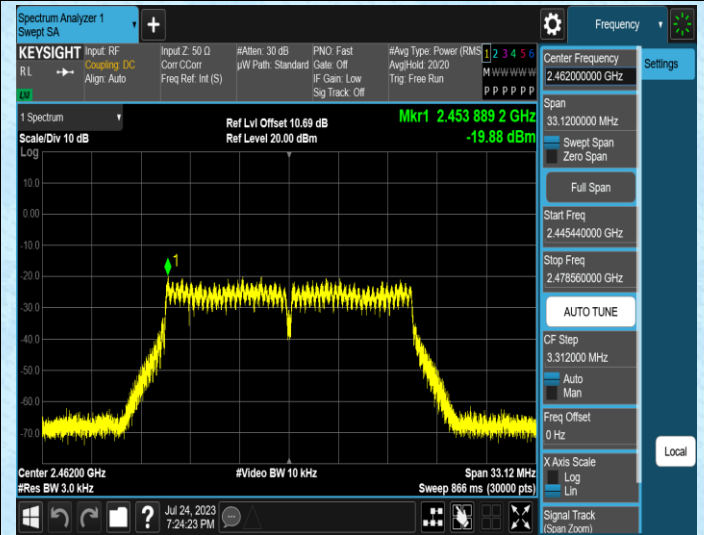
Test Graphs



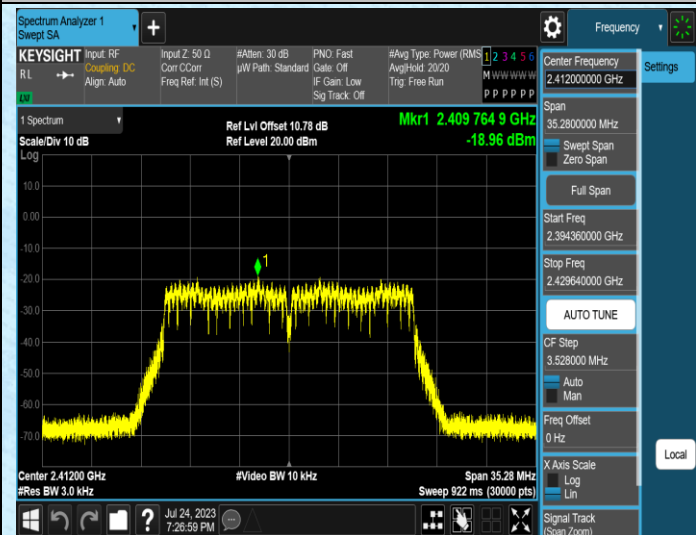
11B-Ant1-2462



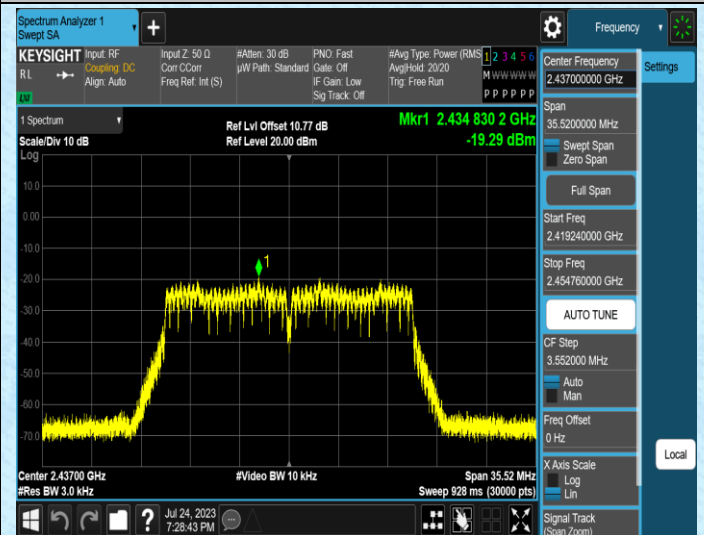
11G-Ant1-2412



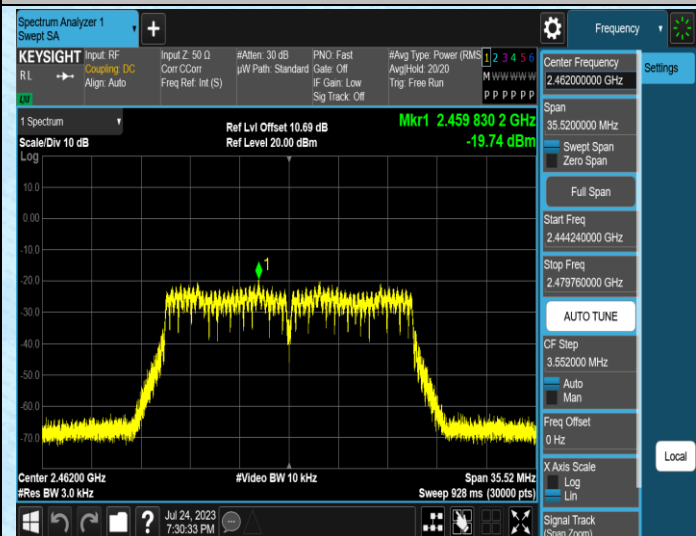
11G-Ant1-2437



11G-Ant1-2462



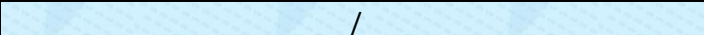
11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



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	2.45	-44.79	≤-17.55	PASS
11B	Ant1	High	2462	1Mbps	1.57	-49.31	≤-18.43	PASS
11G	Ant1	Low	2412	6Mbps	-5.71	-47.49	≤-25.71	PASS
11G	Ant1	High	2462	6Mbps	-6.41	-49.47	≤-26.41	PASS
11N20SISO	Ant1	Low	2412	MCS0	-5.27	-48.26	≤-25.27	PASS
11N20SISO	Ant1	High	2462	MCS0	-6.05	-49.72	≤-26.05	PASS