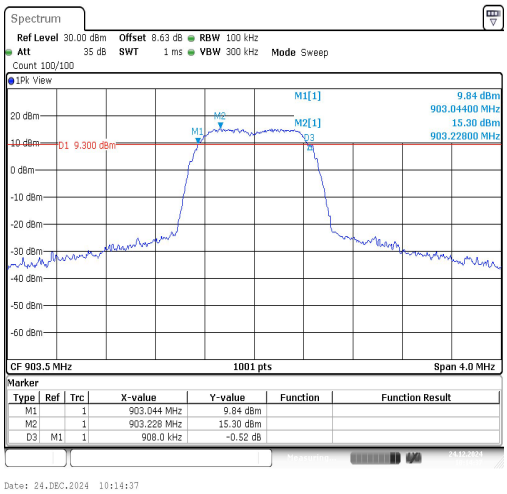
Appendix A: DTS Bandwidth

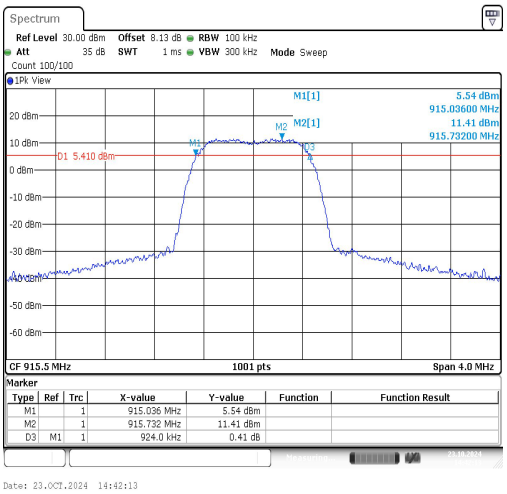
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
WiFi HaLow (1Mbps)	Ant1	903.5	0.91	903.04	903.95	0.5	PASS
	Ant1	915.5	0.92	915.04	915.96	0.5	PASS
	Ant1	926.5	0.93	926.03	926.96	0.5	PASS
WiFi HaLow (2Mbps)	Ant1	905	1.79	904.10	905.89	0.5	PASS
	Ant1	917	1.81	916.08	917.90	0.5	PASS
	Ant1	925	1.80	924.08	925.89	0.5	PASS
WiFi HaLow (4Mbps)	Ant1	906	3.66	904.18	907.83	0.5	PASS
	Ant1	918	3.64	916.18	919.82	0.5	PASS
	Ant1	922	3.65	920.18	923.83	0.5	PASS
WiFi HaLow (8Mbps)	Ant1	908	7.62	904.21	911.82	0.5	PASS
	Ant1	916	7.63	912.18	919.81	0.5	PASS

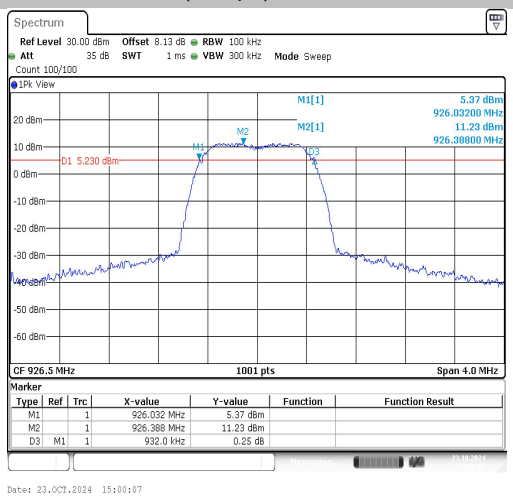
Test Graphs



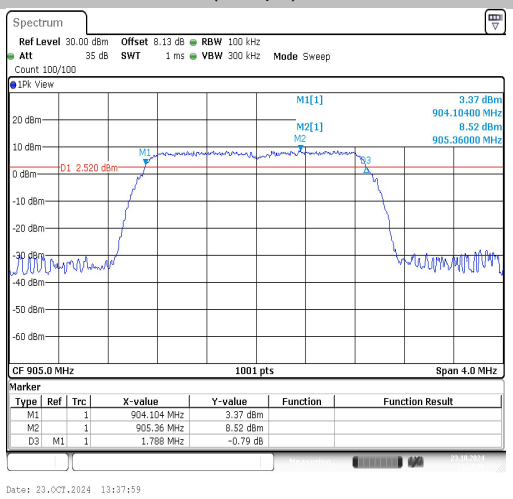
WiFi HaLow (1Mbps)-Ant1-903.5-PASS



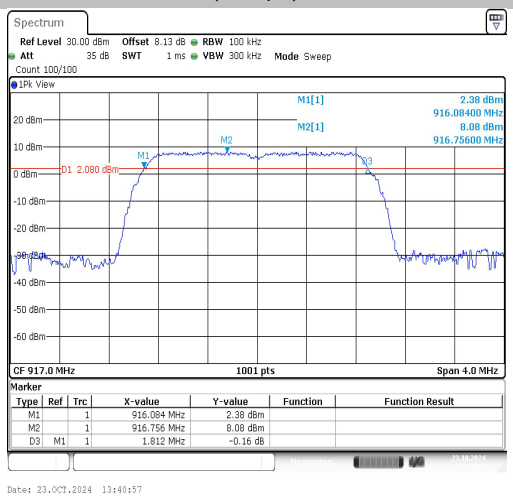
WiFi HaLow (1Mbps)-915.5-PASS



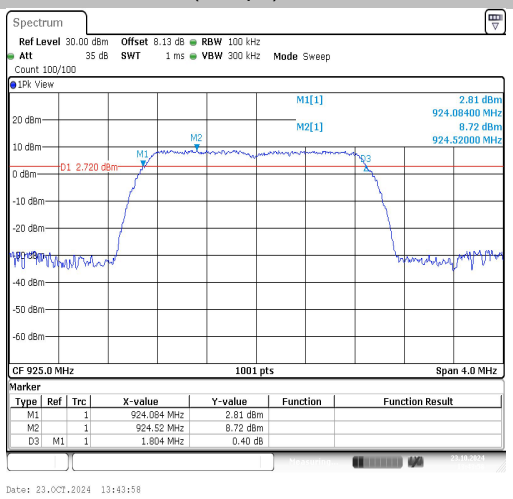
WiFi HaLow (1Mbps)-926.5-PASS



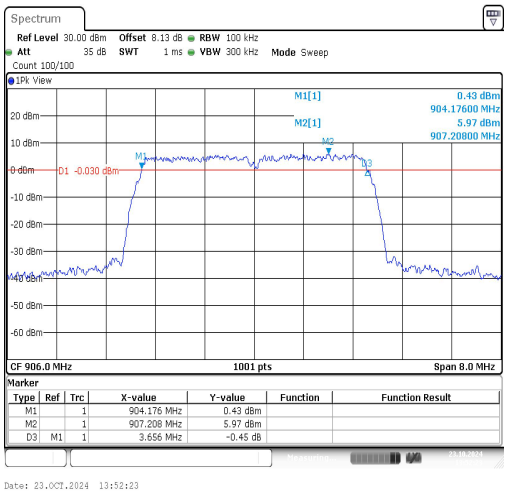
WiFi HaLow (2Mbps)-Ant1-905-PASS



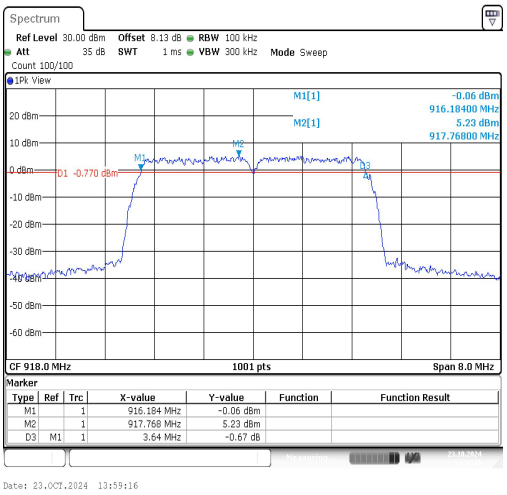
WiFi HaLow (2Mbps)-Ant1-917-PASS



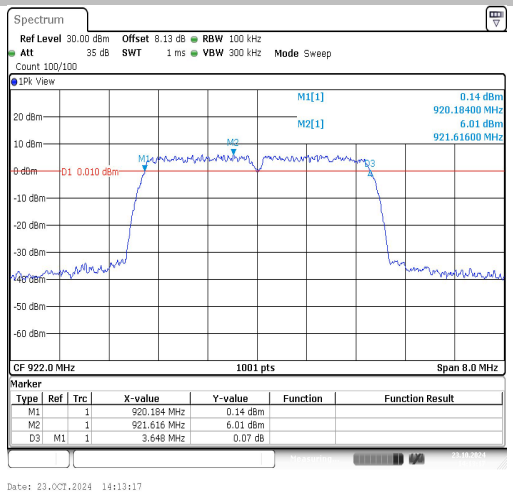
WiFi HaLow (2Mbps)-Ant1-925-PASS



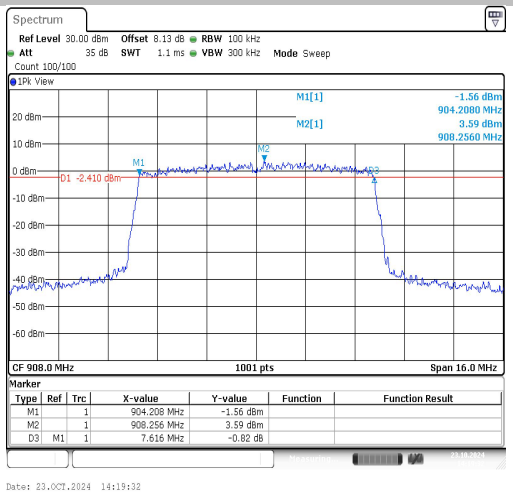
WiFi HaLow (4Mbps)-Ant1-906-PASS



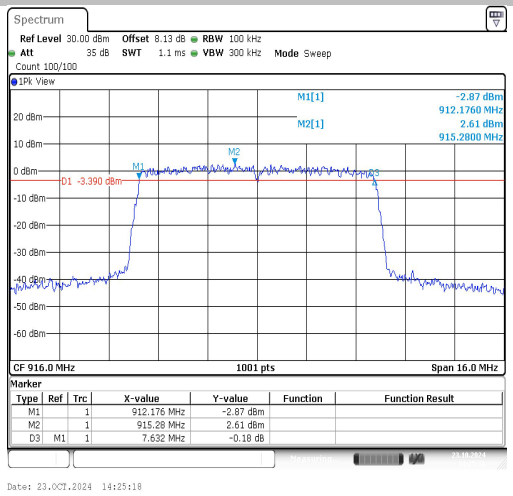
WiFi HaLow (4Mbps)-918-PASS



WiFi HaLow (4Mbps)-Ant1-922-PASS



WiFi HaLow (8Mbps)-Ant1-908-PASS



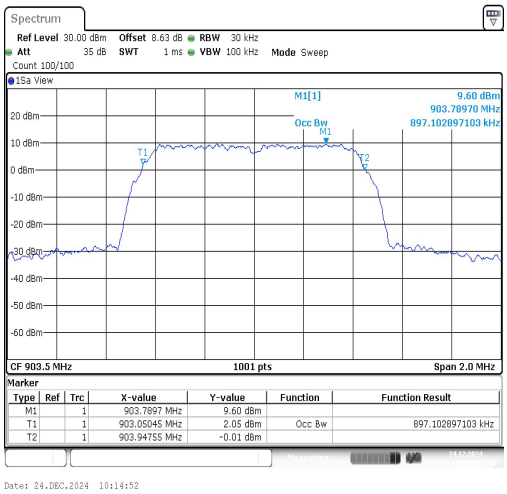
WiFi HaLow (8Mbps)-Ant1-916-PASS

Appendix B: Occupied Channel Bandwidth

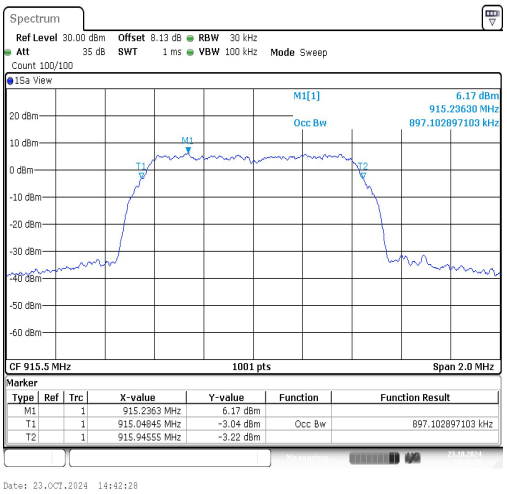
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
WiFi HaLow (1Mbps)	Ant1	903.5	0.897	903.0504	903.9476	---	---
	Ant1	915.5	0.897	915.0485	915.9456	---	---
	Ant1	926.5	0.897	926.0485	926.9456	---	---
WiFi HaLow (2Mbps)	Ant1	905	1.834	904.0809	905.9151	---	---
	Ant1	917	1.842	916.0809	917.9231	---	---
	Ant1	925	1.834	924.0769	925.9111	---	---
WiFi HaLow (4Mbps)	Ant1	906	3.708	904.1538	907.8621	---	---
	Ant1	918	3.692	916.1618	919.8541	---	---
	Ant1	922	3.692	920.1538	923.8462	---	---
WiFi HaLow (8Mbps)	Ant1	908	7.56	904.2278	911.7882	---	---
	Ant1	916	7.576	912.1958	919.7722	---	---

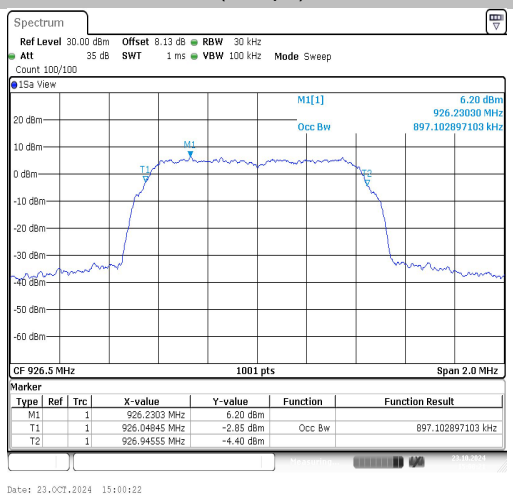
Test Graphs



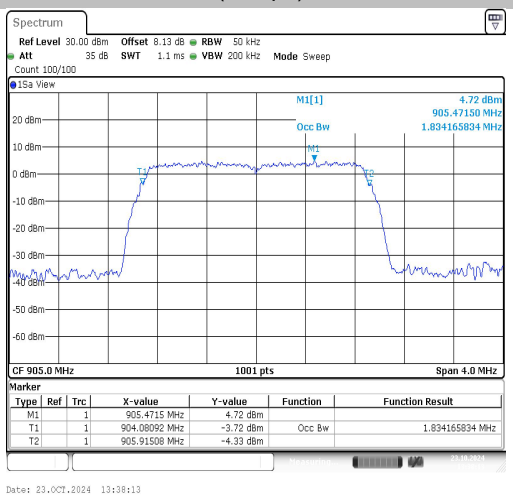
WiFi HaLow (1Mbps)-Ant1-903.5



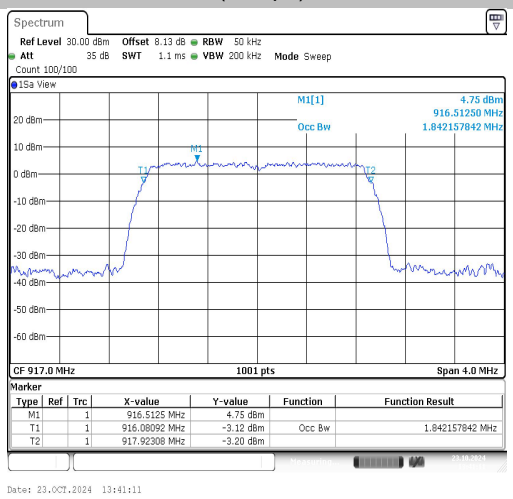
WiFi HaLow (1Mbps)-Ant1-915.5



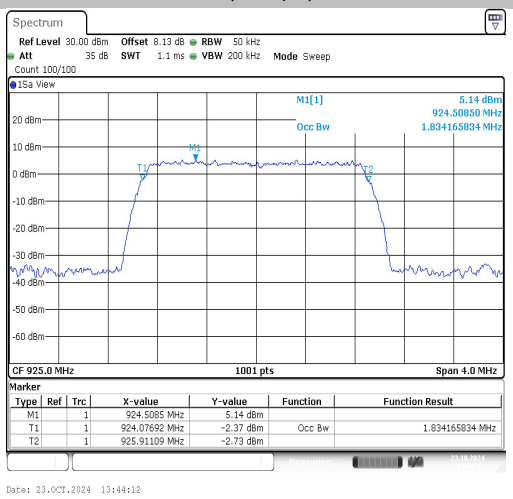
WiFi HaLow (1Mbps)-Ant1-926.5



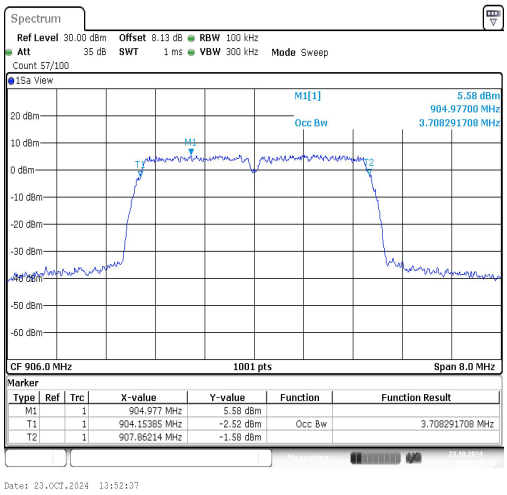
WiFi HaLow (2Mbps)-Ant1-905



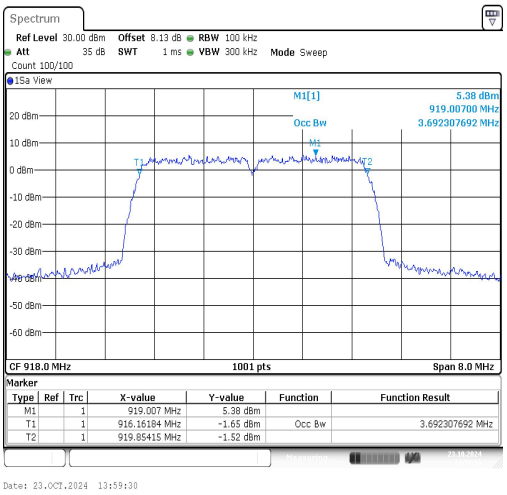
WiFi HaLow (2Mbps)-Ant1-917



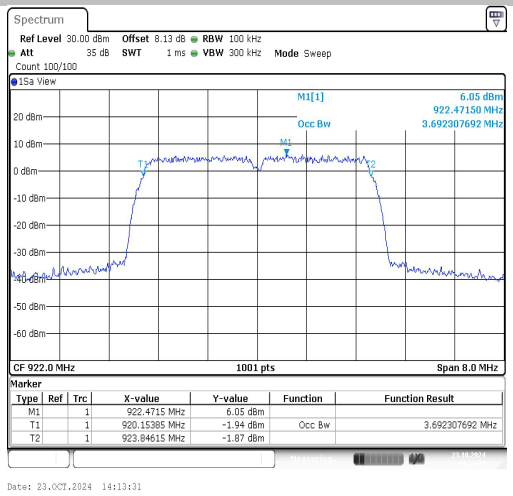
WiFi HaLow (2Mbps)-Ant1-925



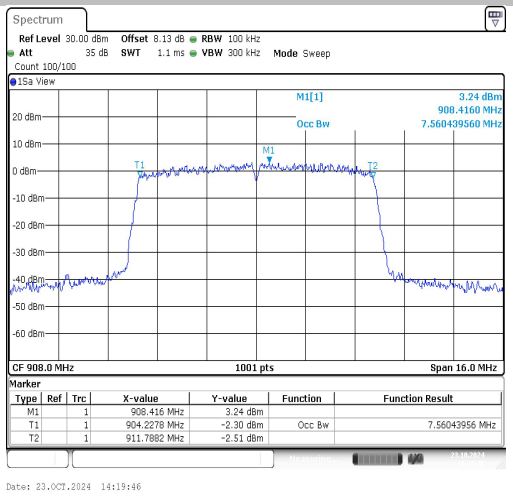
WiFi HaLow (4Mbps)-Ant1-906



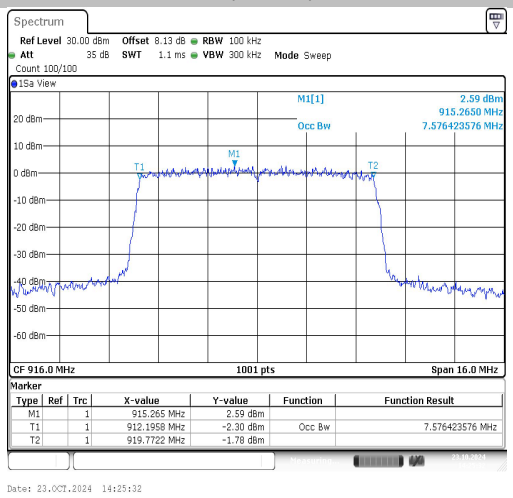
WiFi HaLow (4Mbps)-Ant1-918



WiFi HaLow (4Mbps)-Ant1-922



WiFi HaLow (8Mbps)-Ant1-908



WiFi HaLow (8Mbps)-Ant1-916

Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Verdict
WiFi HaLow (1Mbps)	Ant1	903.5	21.90	≤30.00	PASS
	Ant1	915.5	18.32	≤30.00	PASS
	Ant1	926.5	18.26	≤30.00	PASS
WiFi HaLow (2Mbps)	Ant1	905	20.28	≤30.00	PASS
	Ant1	917	20.02	≤30.00	PASS
	Ant1	925	20.46	≤30.00	PASS
WiFi HaLow (4Mbps)	Ant1	906	20.38	≤30.00	PASS
	Ant1	918	19.84	≤30.00	PASS
	Ant1	922	20.46	≤30.00	PASS
WiFi HaLow (8Mbps)	Ant1	908	21.48	≤30.00	PASS
	Ant1	916	20.87	≤30.00	PASS

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Reading Power [dBm]	DC Factor [dB]	AV Power [dBm]	AV Power Limit [dBm]	Verdict
WiFi HaLow (1Mbps)	Ant1	903.5	9.93	2.36	12.29	≤30.00	PASS
	Ant1	915.5	7.88	3.07	10.95	≤30.00	PASS
	Ant1	926.5	8.11	2.27	10.38	≤30.00	PASS
WiFi HaLow (2Mbps)	Ant1	905	5.59	4.27	9.86	≤30.00	PASS
	Ant1	917	5.75	4.87	10.62	≤30.00	PASS
	Ant1	925	6.66	4.81	11.47	≤30.00	PASS
WiFi HaLow (4Mbps)	Ant1	906	4.23	6.89	11.12	≤30.00	PASS
	Ant1	918	4.35	7.46	11.81	≤30.00	PASS
	Ant1	922	5.68	6.85	12.53	≤30.00	PASS
WiFi HaLow (8Mbps)	Ant1	908	1.62	7.76	9.38	≤30.00	PASS
	Ant1	916	2.68	9.76	12.44	≤30.00	PASS

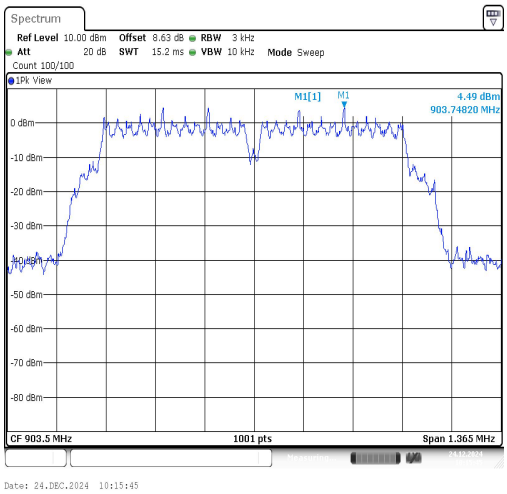
AV Power [dBm]= Reading power +DC Factor

Appendix D: Maximum power spectral density

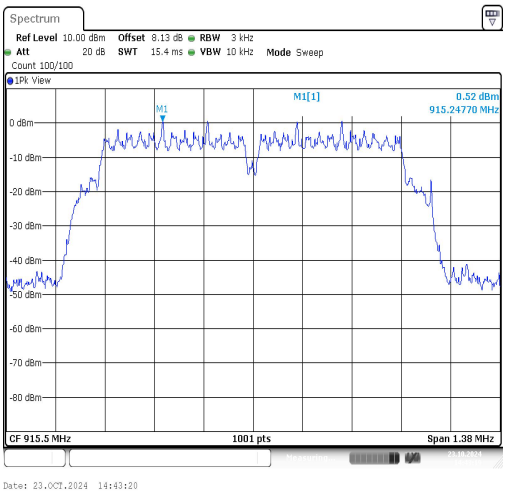
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
WiFi HaLow (1Mbps)	Ant1	903.5	4.49	≤8.00	PASS
	Ant1	915.5	0.52	≤8.00	PASS
	Ant1	926.5	0.57	≤8.00	PASS
WiFi HaLow (2Mbps)	Ant1	905	-5.00	≤8.00	PASS
	Ant1	917	-5.46	≤8.00	PASS
	Ant1	925	-4.82	≤8.00	PASS
WiFi HaLow (4Mbps)	Ant1	906	-7.18	≤8.00	PASS
	Ant1	918	-7.59	≤8.00	PASS
	Ant1	922	-7.23	≤8.00	PASS
WiFi HaLow (8Mbps)	Ant1	908	-8.90	≤8.00	PASS
	Ant1	916	-9.99	≤8.00	PASS

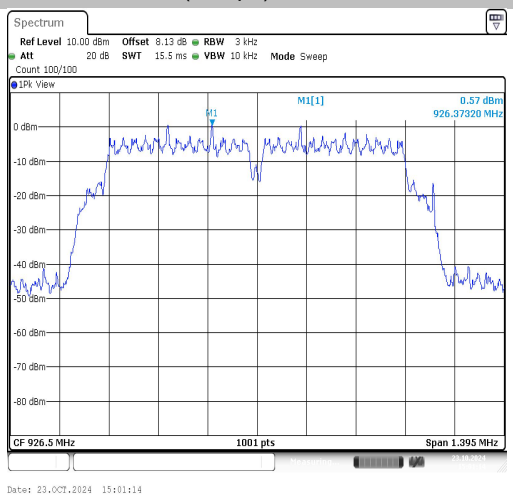
Test Graphs



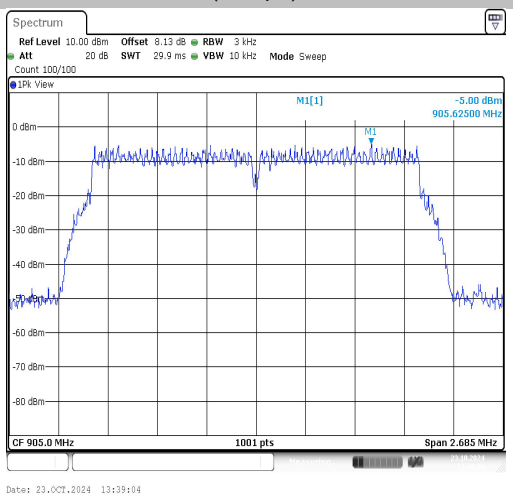
WiFi HaLow (1Mbps)-Ant1-903.5-PASS



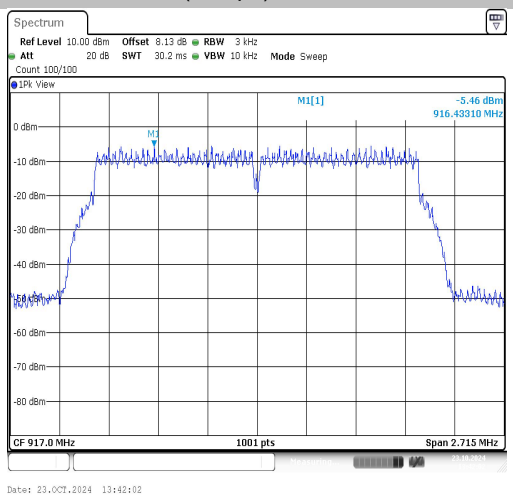
WiFi HaLow (1Mbps)-915.5-PASS



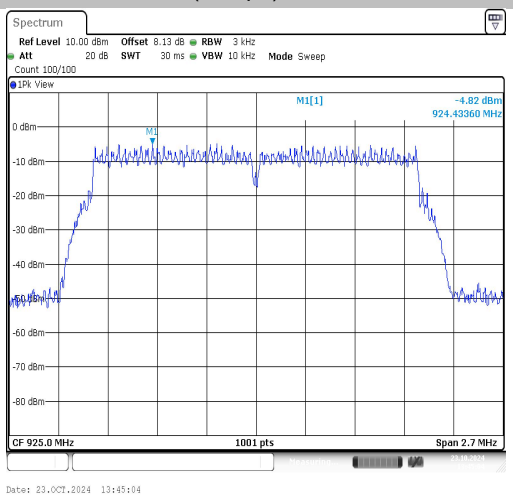
WiFi HaLow (1Mbps)-Ant1-926.5-PASS



WiFi HaLow (2Mbps)-Ant1-905-PASS



WiFi HaLow (2Mbps)-Ant1-917-PASS



WiFi HaLow (2Mbps)-Ant1-925-PASS