

Appendix: 915 MHz

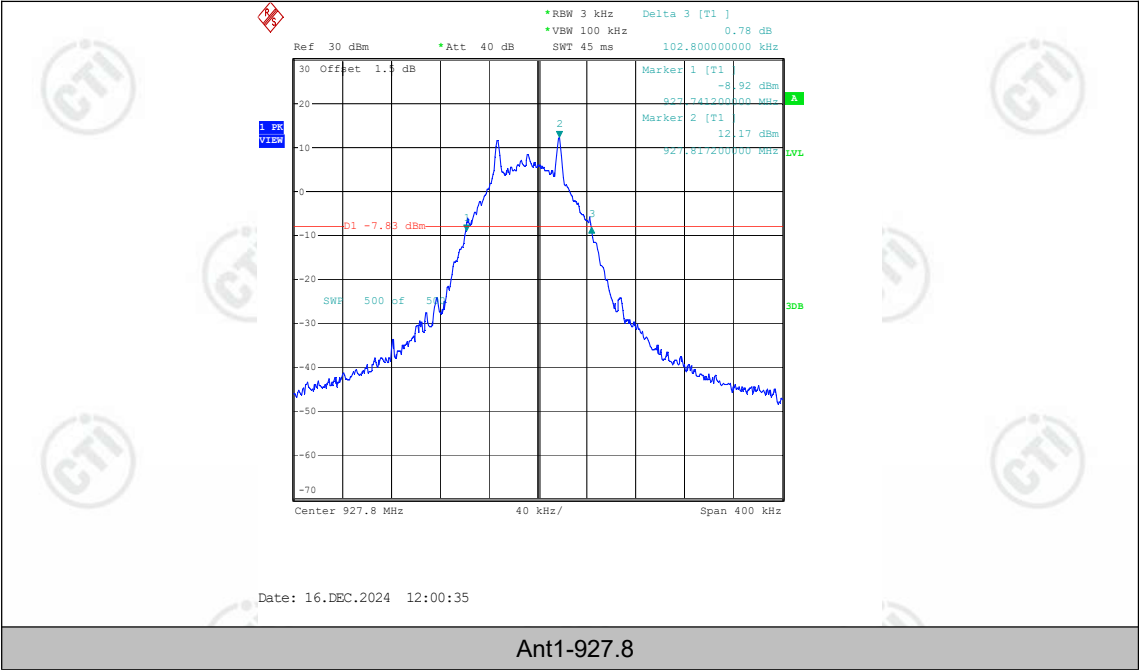
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Appendix A: 20dB Emission Bandwidth

Test Result

Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Ant1	915.2	0.103	915.14	915.24	<0.250	PASS
Ant1	921.4	0.102	921.34	921.44	<0.250	PASS
Ant1	927.8	0.103	927.74	927.84	<0.250	PASS

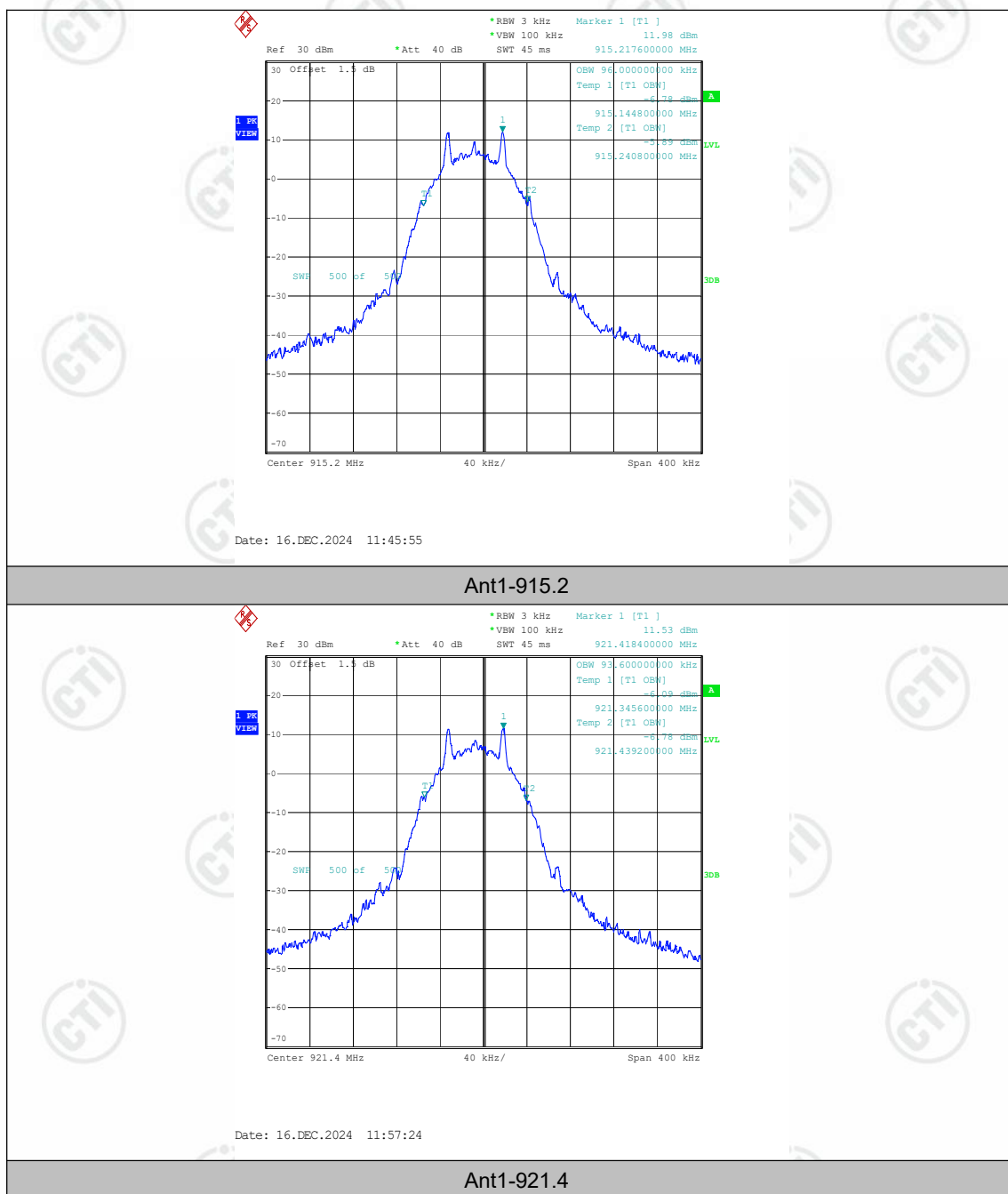


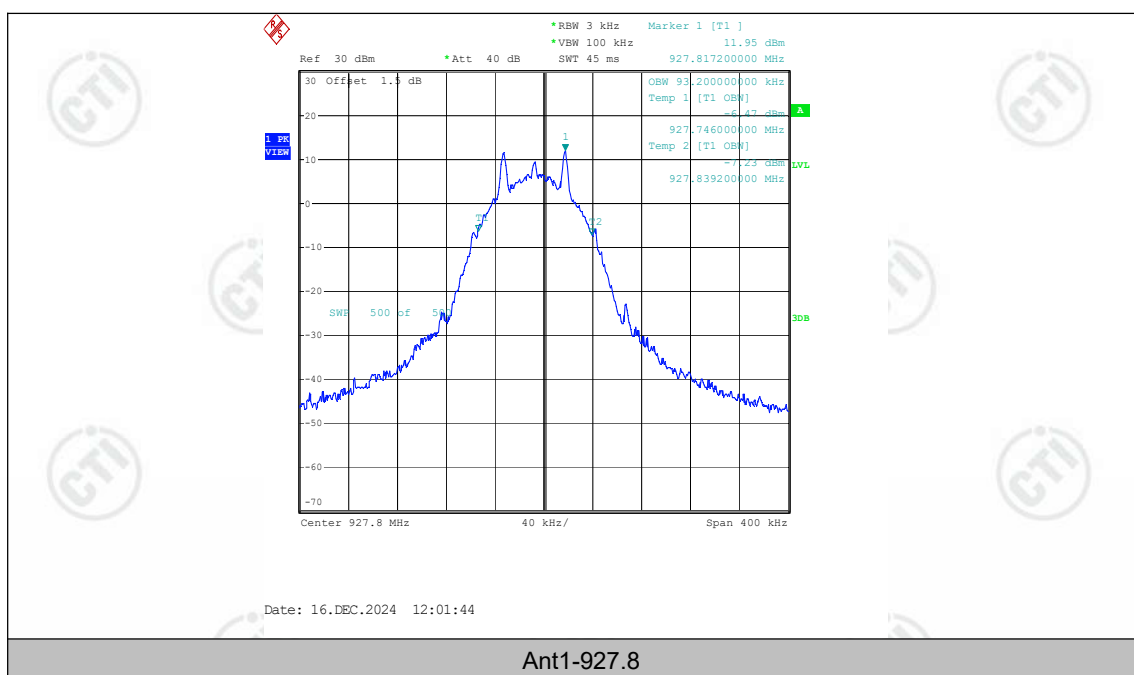
Appendix B: Occupied Channel Bandwidth

Test Result

Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Ant1	915.2	0.096	915.145	915.241	---	---
Ant1	921.4	0.094	921.345	921.439	---	---
Ant1	927.8	0.093	927.746	927.839	---	---

Test Graphs

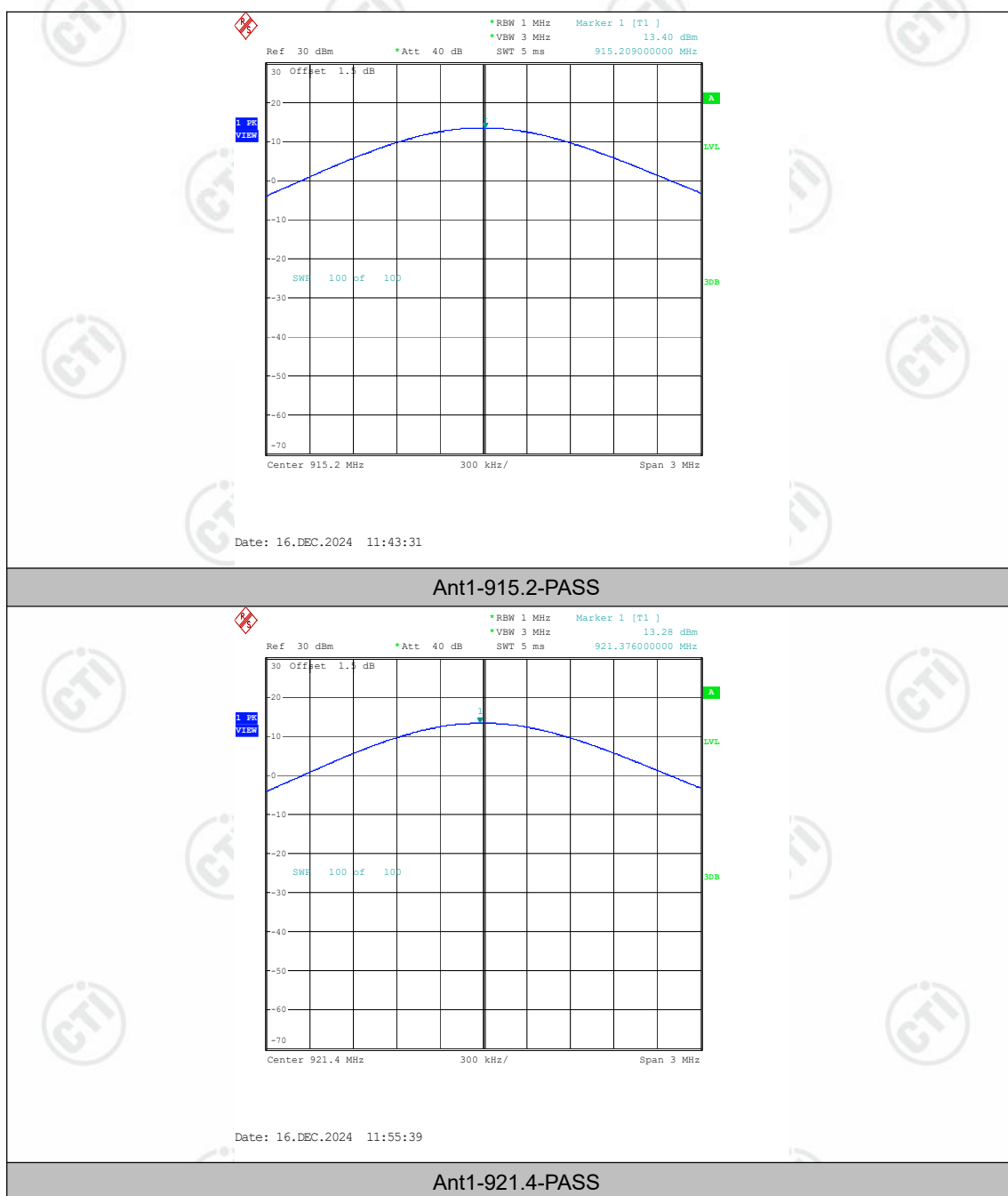


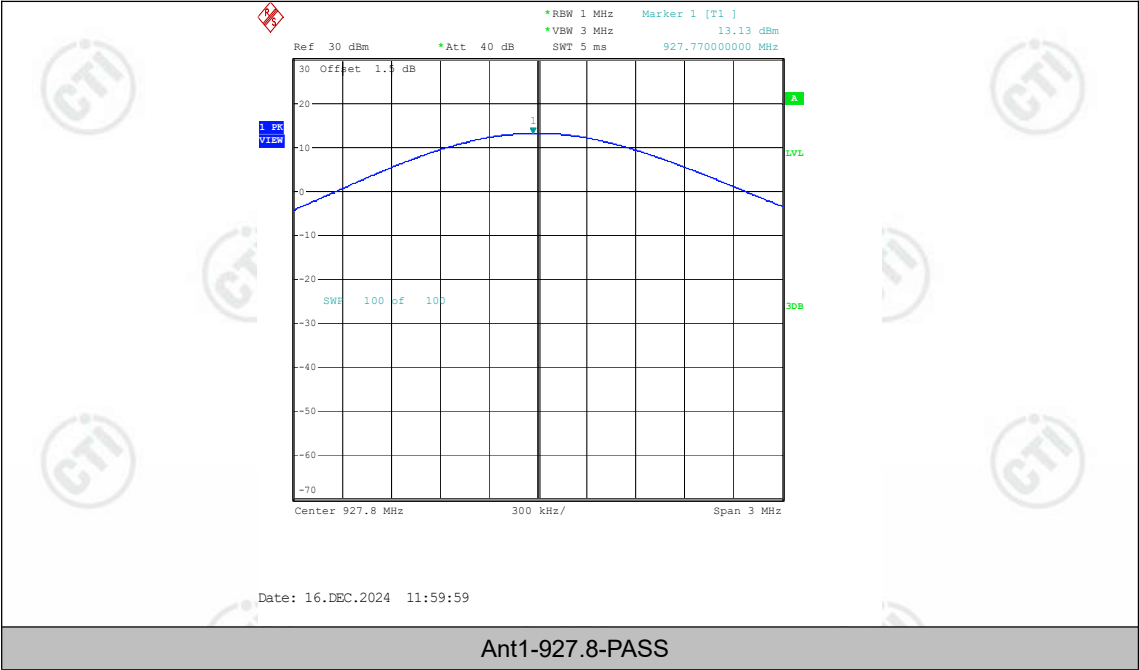


Appendix C: Maximum conducted output power**Test Result Peak**

Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
Ant1	915.2	13.40	≤30	PASS
Ant1	921.4	13.28	≤30	PASS
Ant1	927.8	13.13	≤30	PASS

Test Graphs



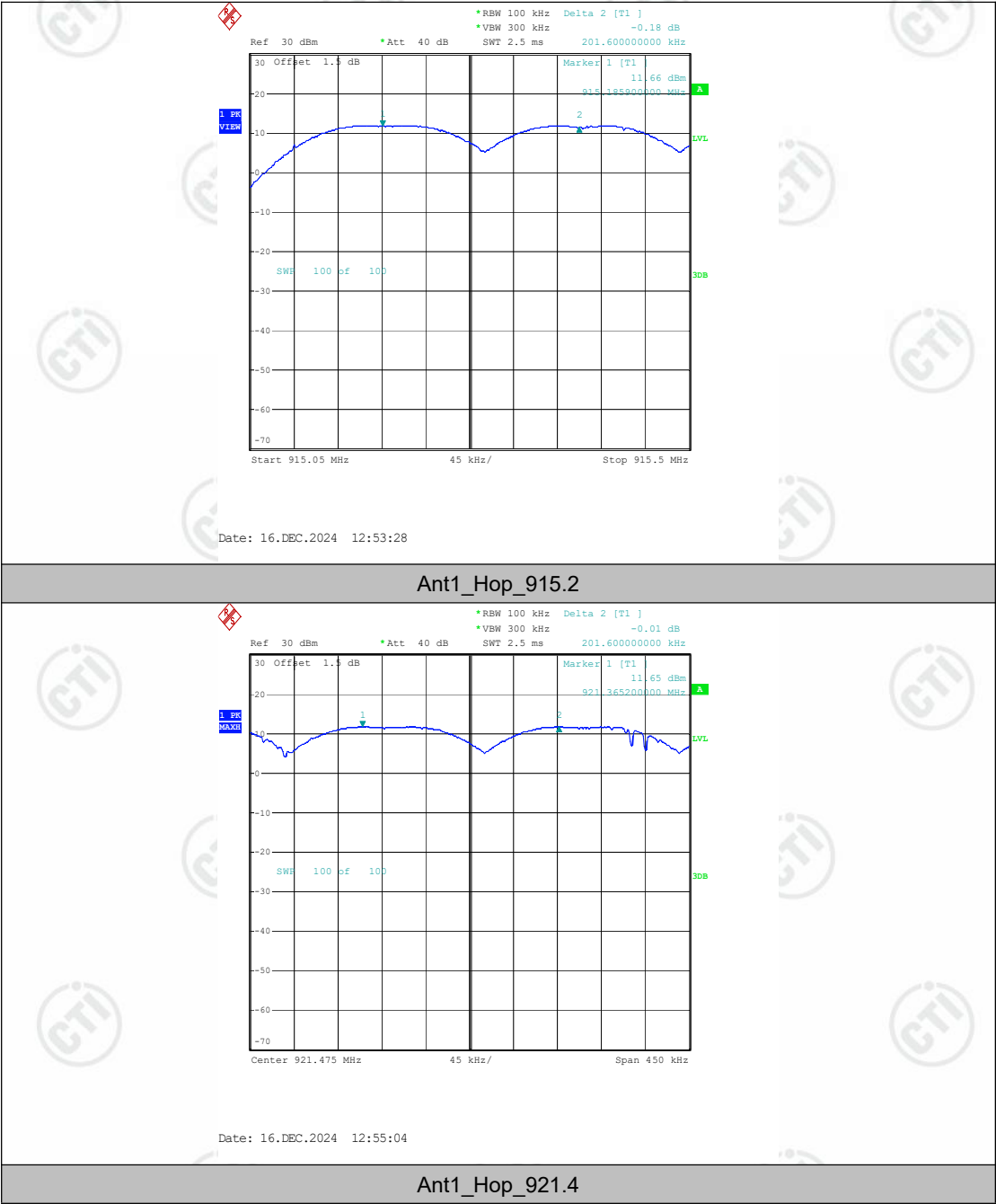


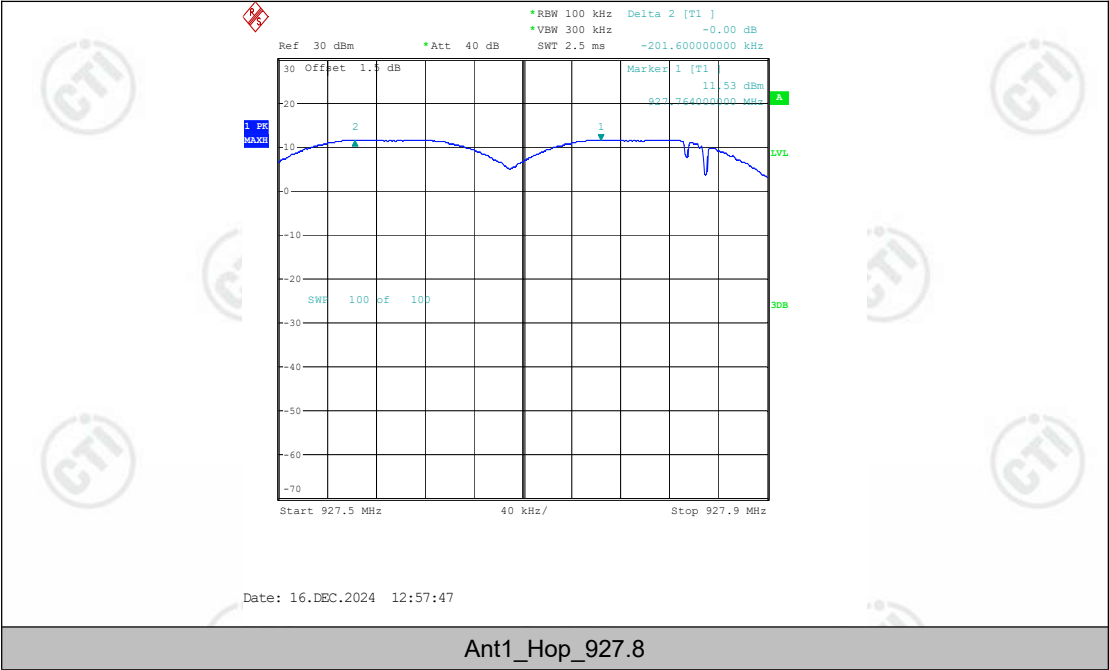
Appendix D: Carrier frequency separation

Test Result

Antenna	Channel[MHz]	Result[kHz]	Limit[kHz]	Verdict
Ant1	Hop_915.2	201.6	≥ 102.4	Verdict
Ant1	Hop_921.4	201.6	≥ 102.4	Verdict
Ant1	Hop_927.8	201.6	≥ 103.2	Verdict

Test Graphs



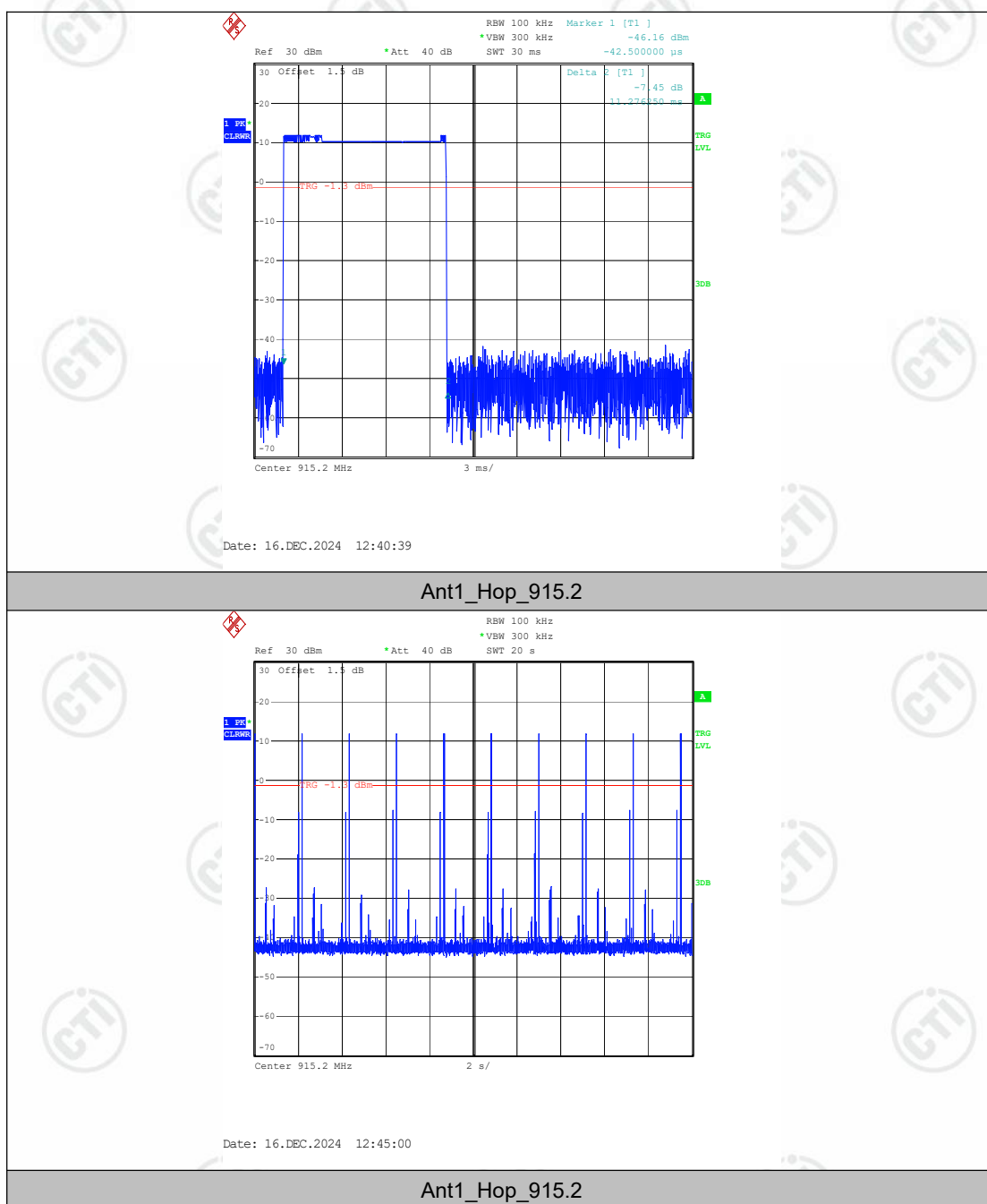


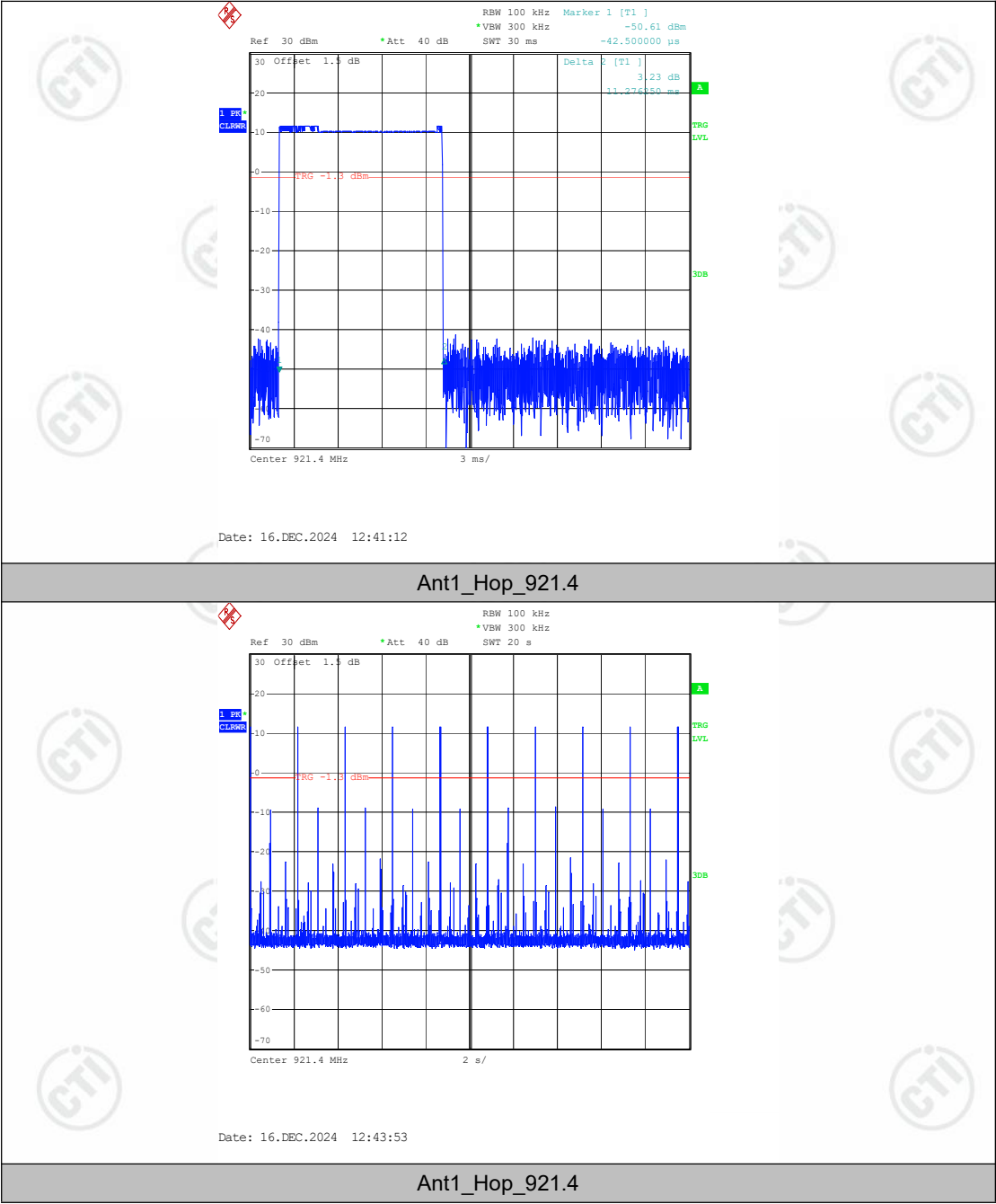
Appendix E: Time of occupancy

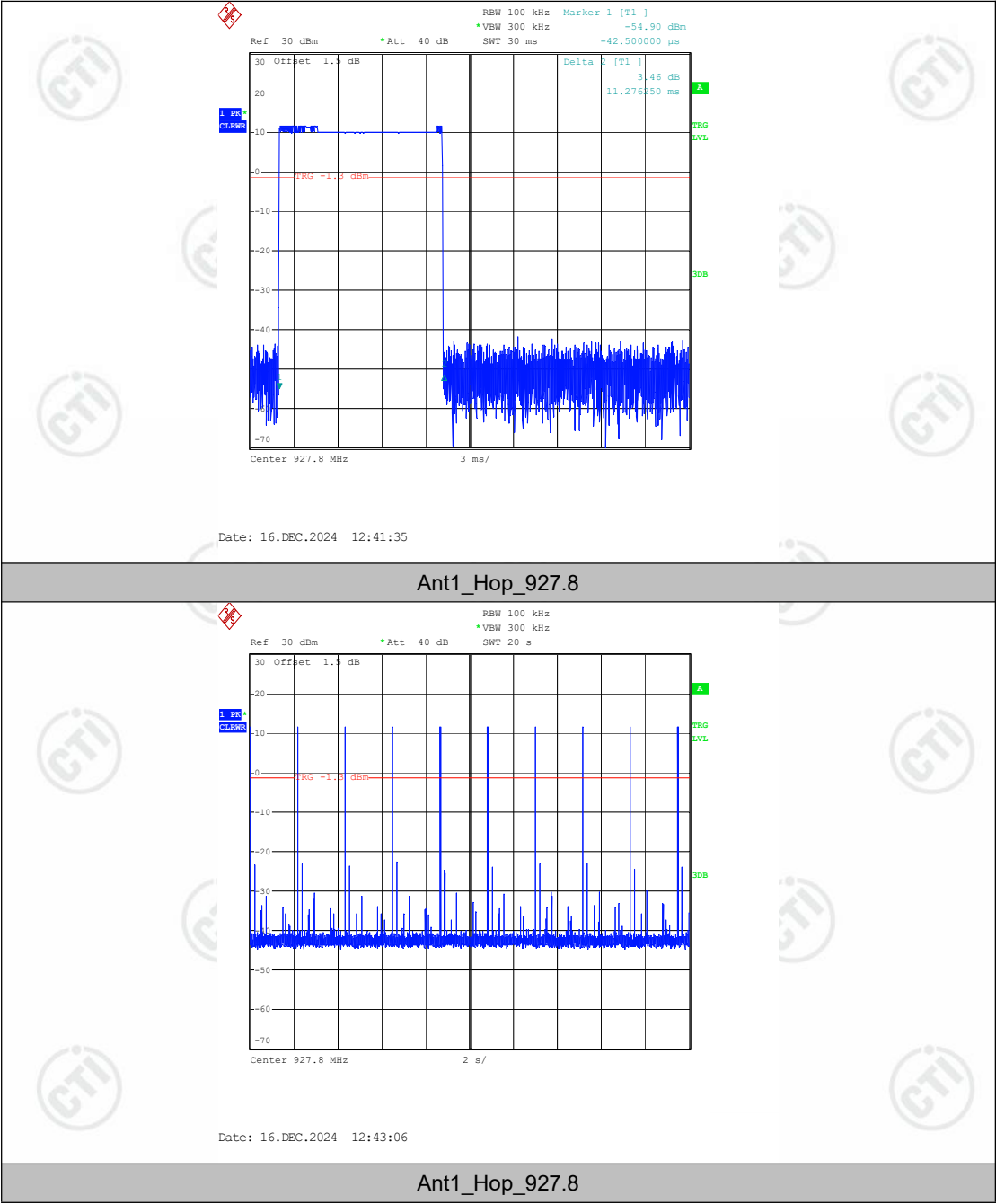
Test Result

Antenna	Channel[MHz]	Burst Width[ms]	Total Hops[Num]	Result[ms]	Limit[ms]	Verdict
Ant1	Hop_915.2	11.28	10	112.8	<=400	PASS
Ant1	Hop_921.4	11.28	10	112.8	<=400	PASS
Ant1	Hop_927.8	11.28	10	112.8	<=400	PASS

Test Graphs





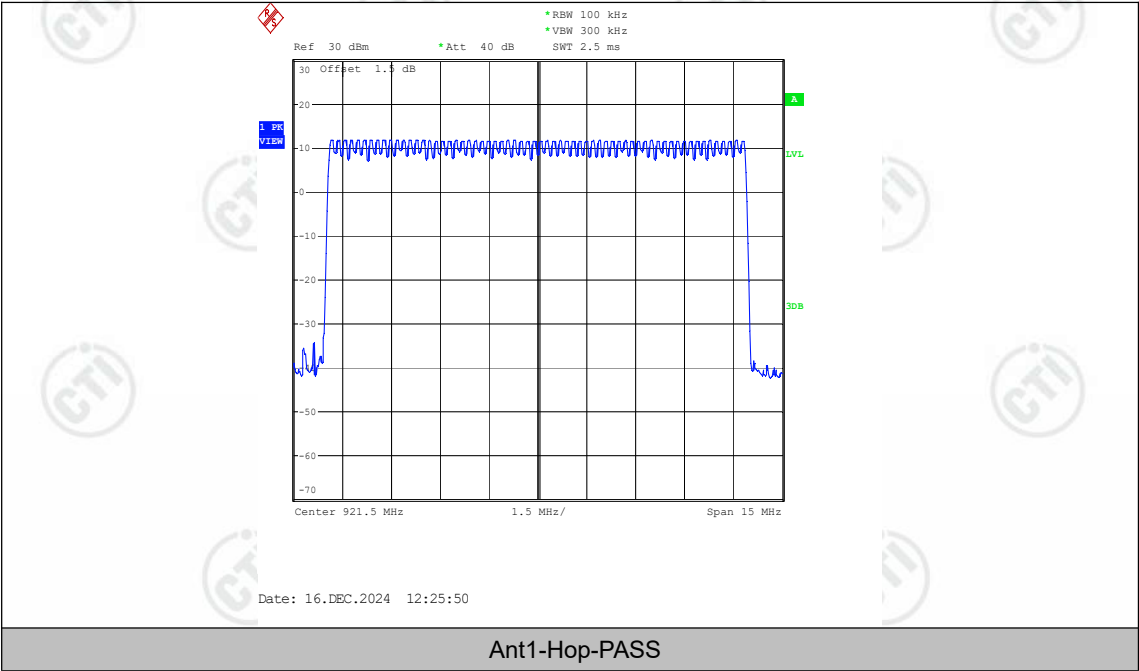


Appendix F: Number of hopping channels

Test Result

Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
Ant1	Hop	64	>=50	PASS

Test Graphs

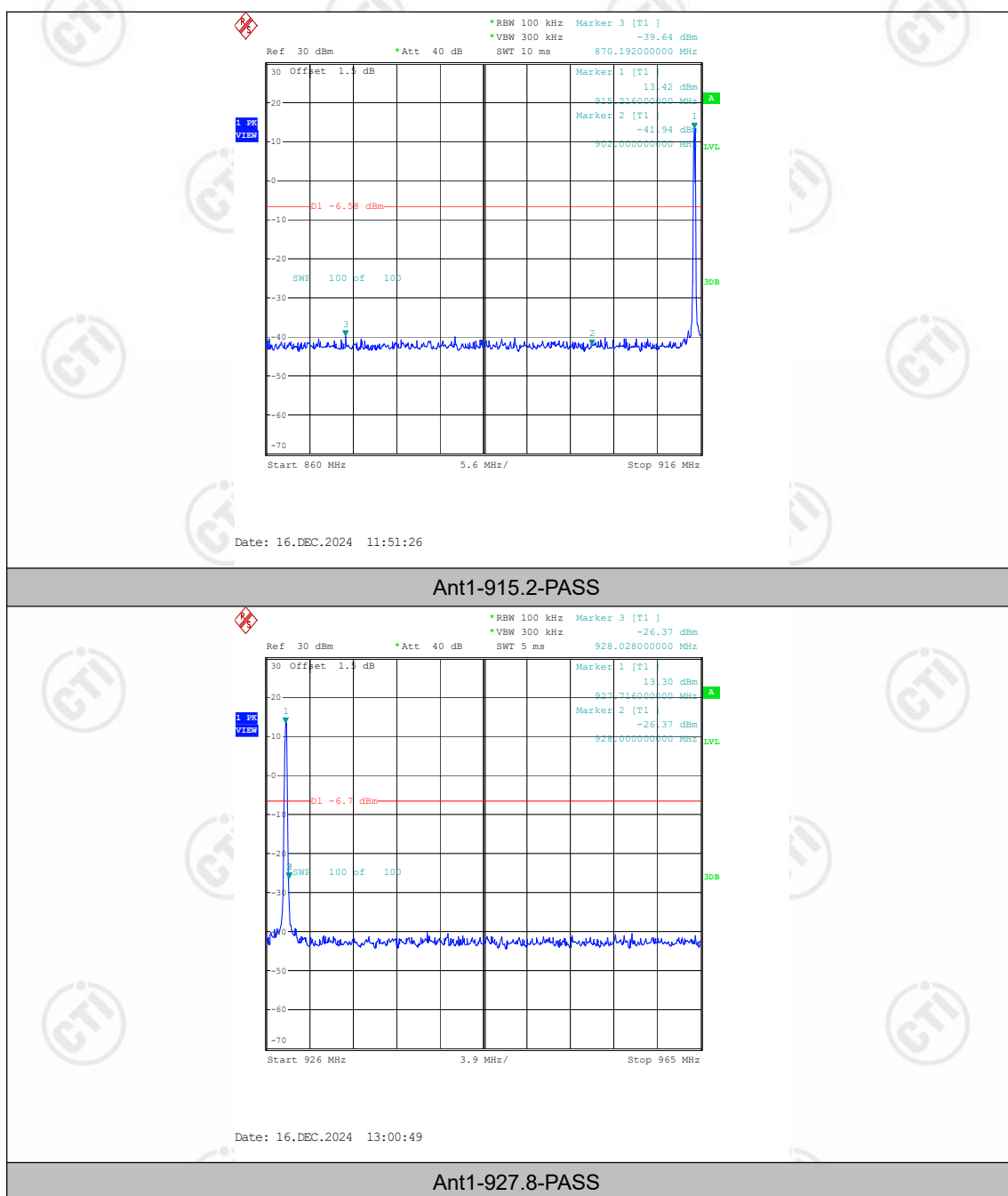


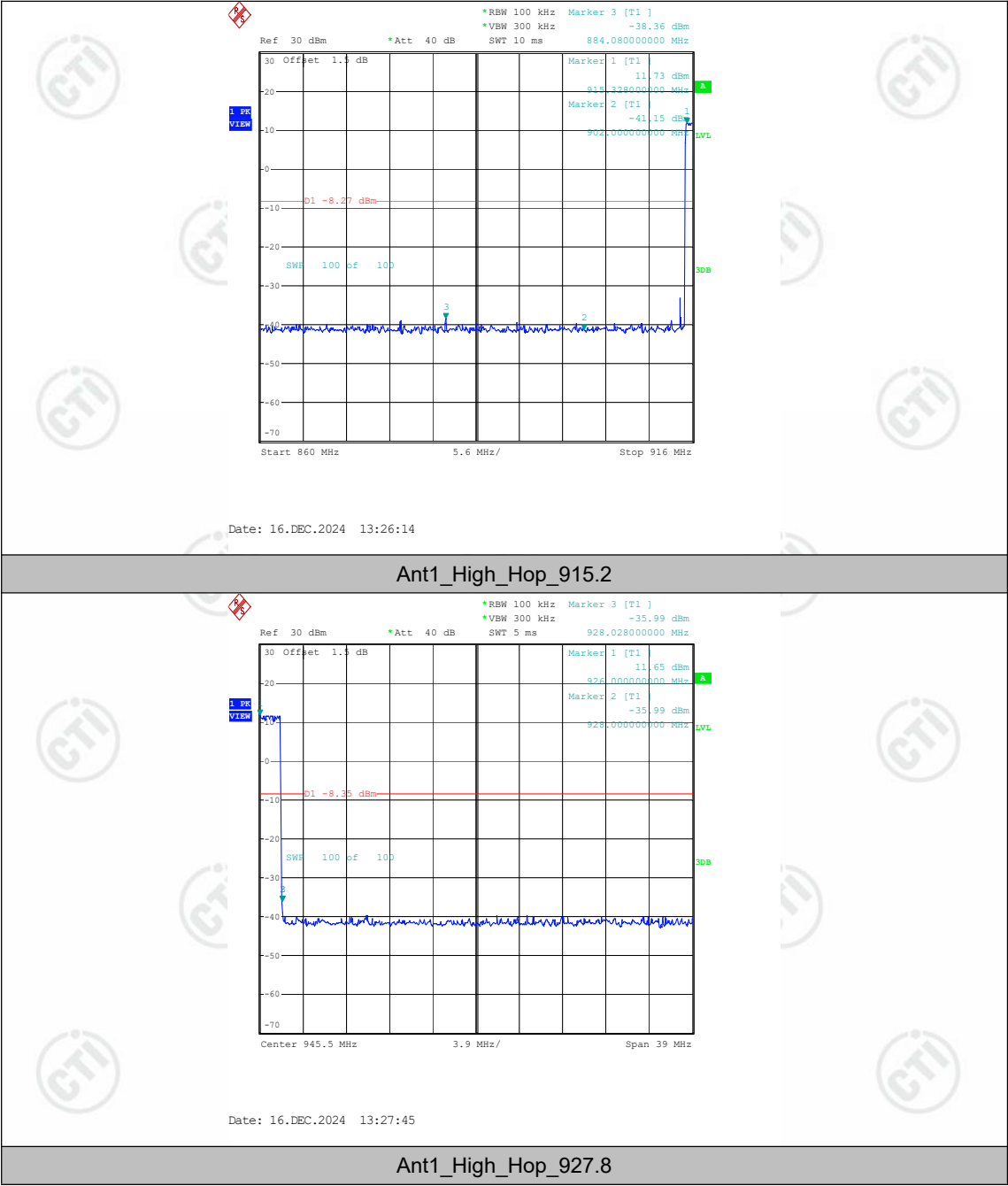
Appendix G: Band edge measurements

Test Result

Antenna	Ch Name	Channel[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
Ant1	Low	915.2	13.42	-39.64	≤-6.58	PASS
	High	927.8	13.30	-26.37	≤-6.7	PASS
	Low	Hop_915.2	11.73	-38.36	≤-8.27	PASS
	High	Hop_927.8	11.65	-35.99	≤-8.35	PASS

Test Graphs



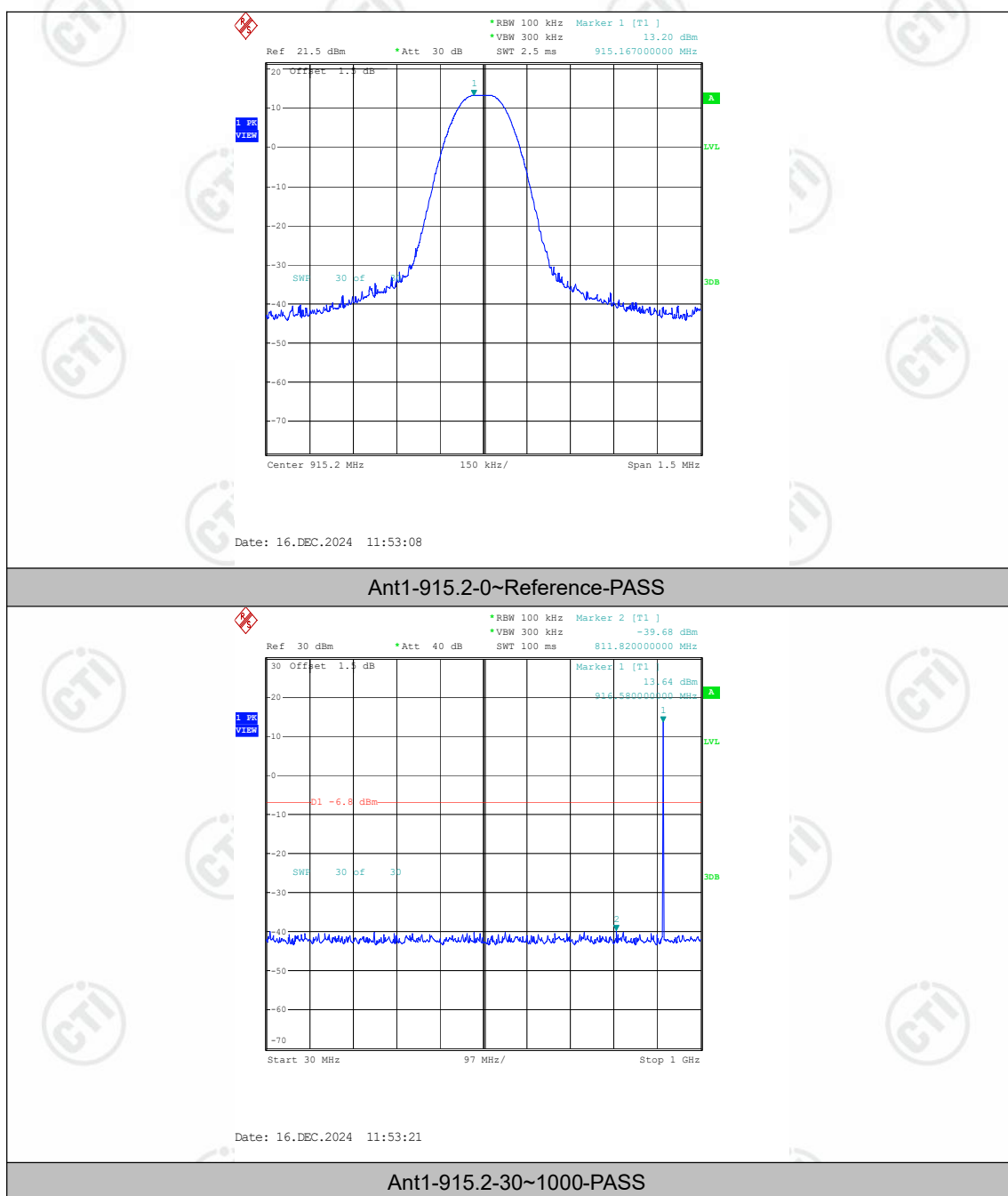


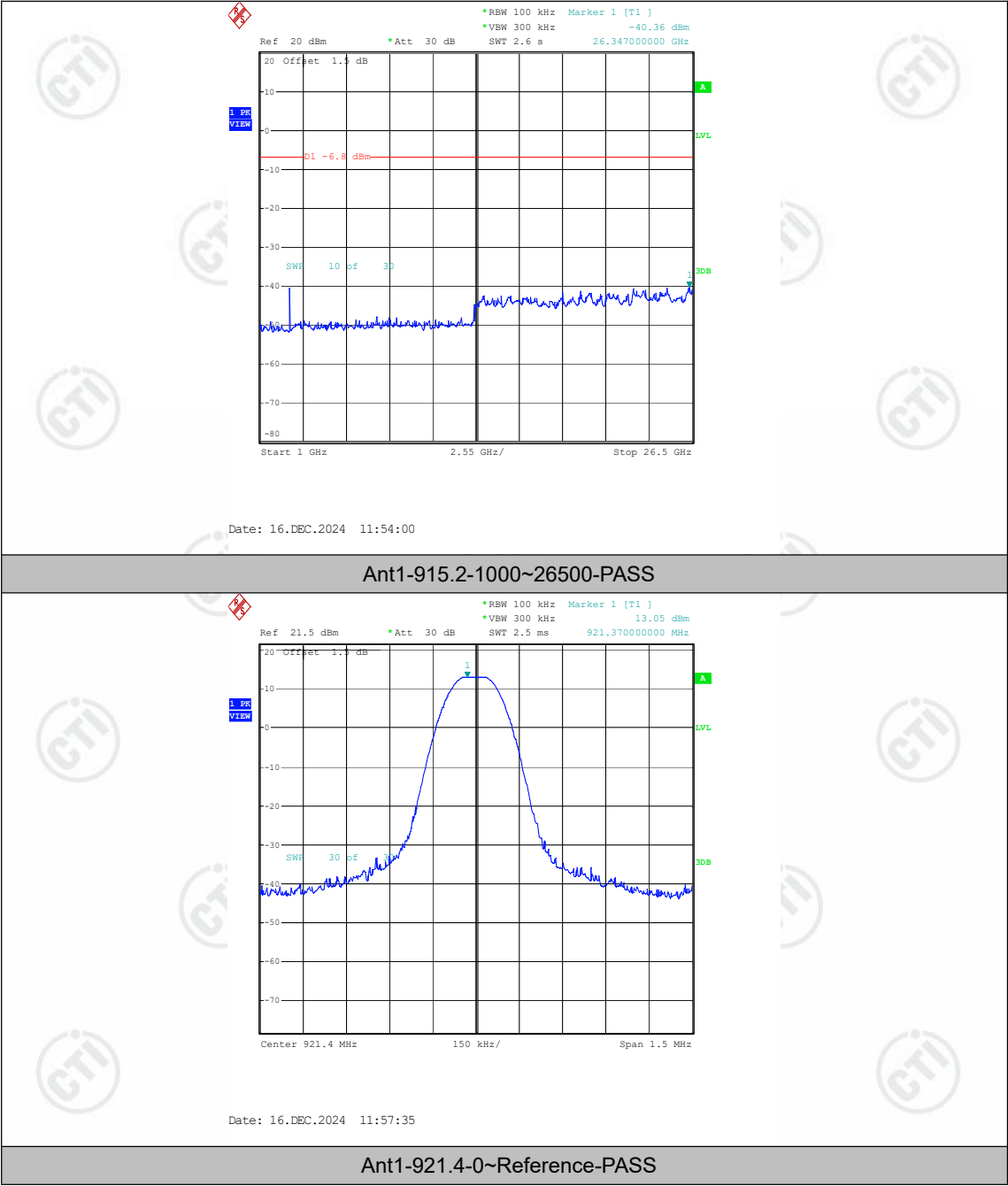
Appendix H: Conducted Spurious Emission

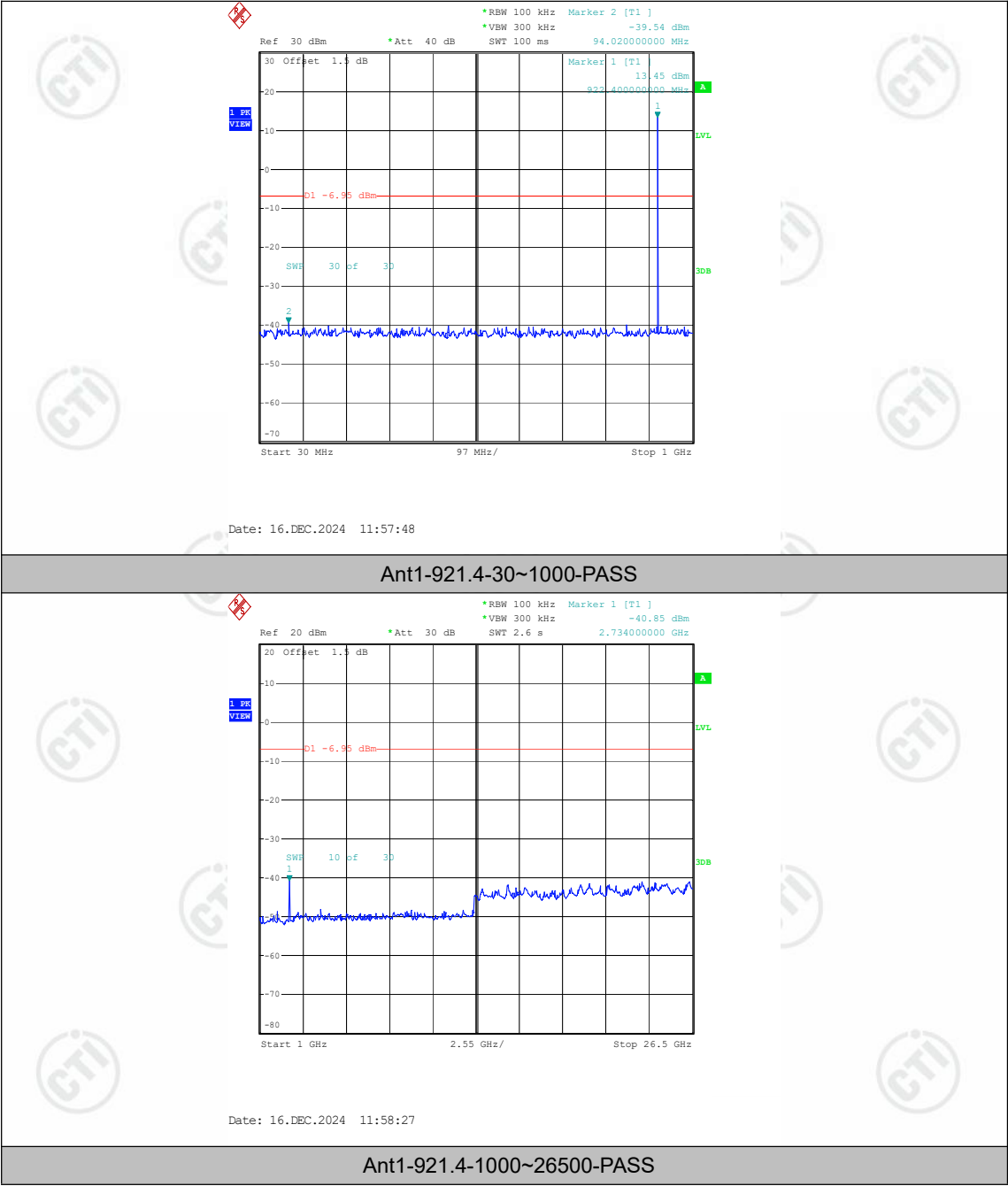
Test Result

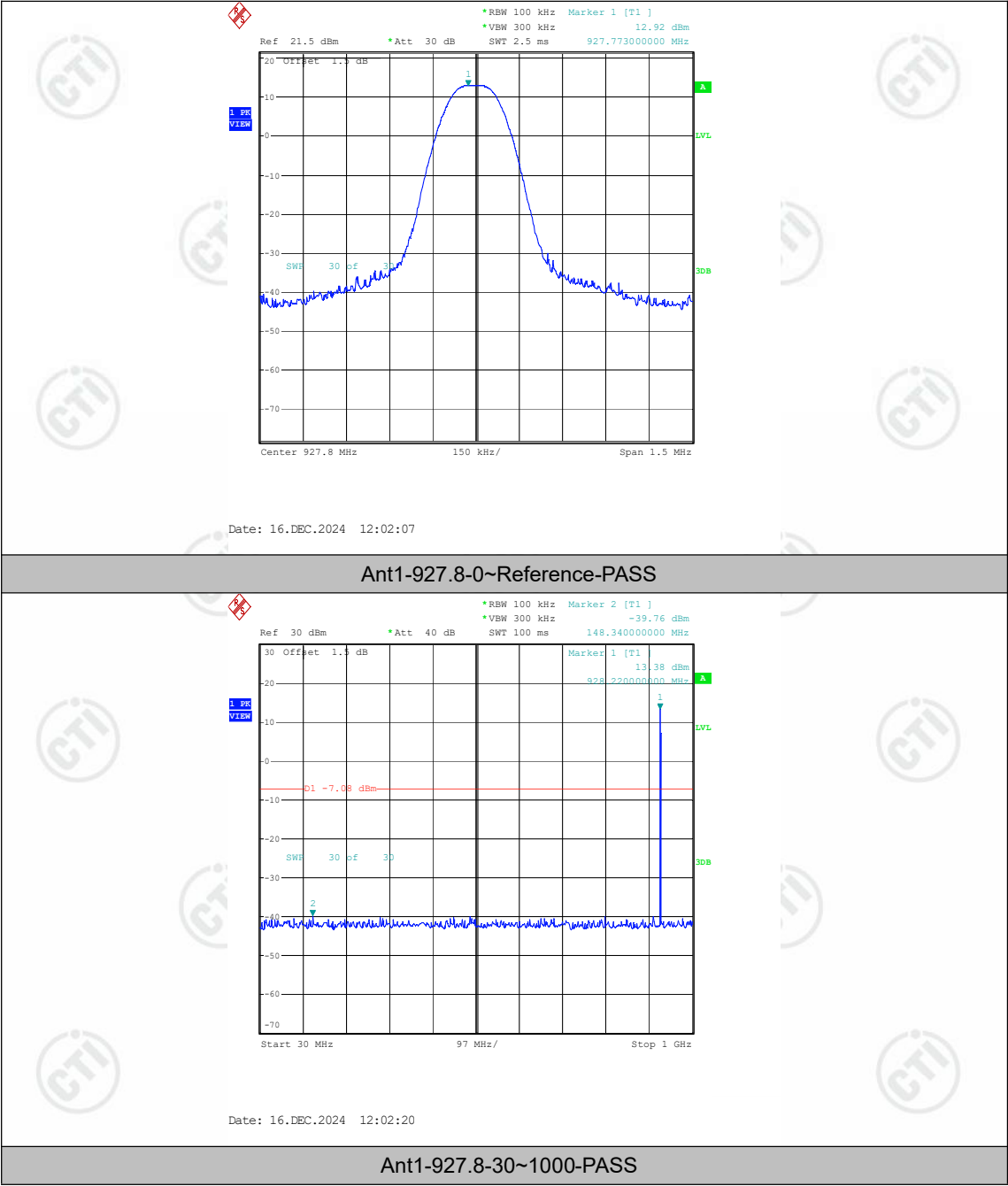
Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
Ant1	915.2	Reference	13.20	13.20	---	PASS
Ant1	915.2	30~1000	13.20	-39.68	≤ -6.8	PASS
Ant1	915.2	1000~26500	13.20	-40.36	≤ -6.8	PASS
Ant1	921.4	Reference	13.05	13.05	---	PASS
Ant1	921.4	30~1000	13.05	-39.54	≤ -6.95	PASS
Ant1	921.4	1000~26500	13.05	-40.85	≤ -6.95	PASS
Ant1	927.8	Reference	12.92	12.92	---	PASS
Ant1	927.8	30~1000	12.92	-39.76	≤ -7.08	PASS
Ant1	927.8	1000~26500	12.92	-40.49	≤ -7.08	PASS

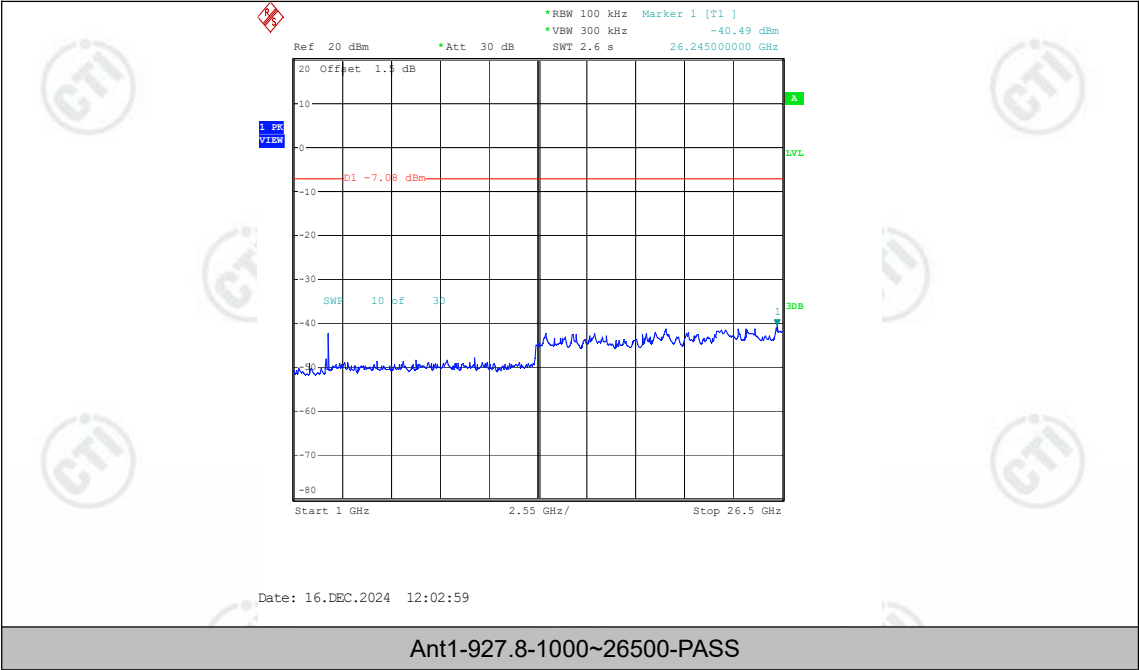
Test Graphs







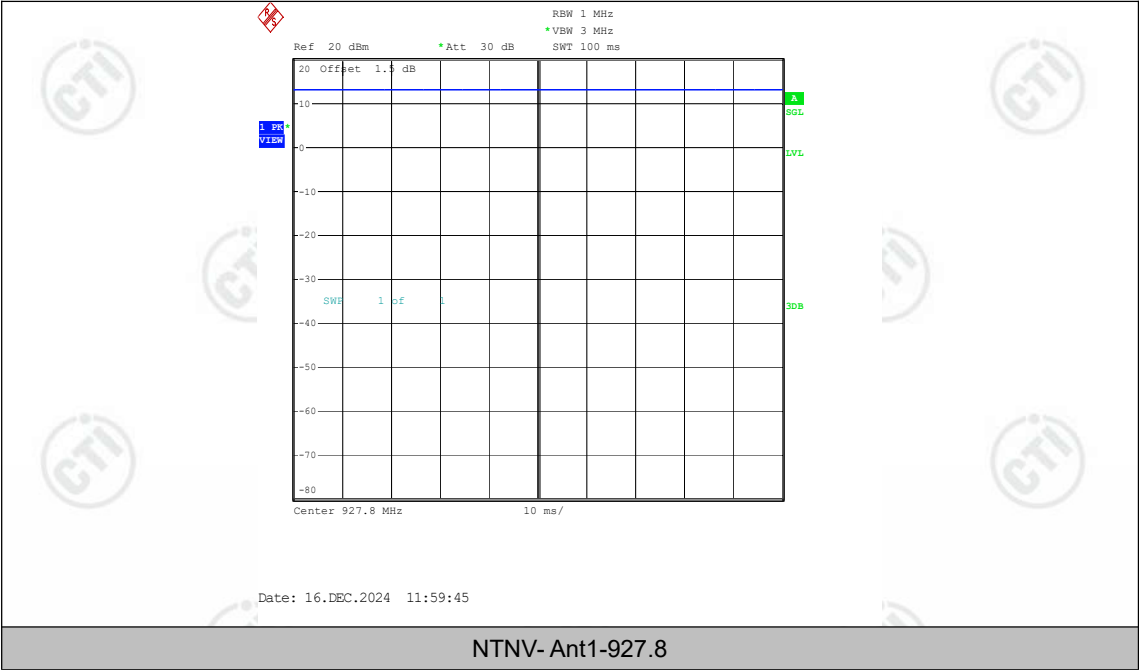




Appendix I: Duty Cycle

Test Result

Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
Ant1	915.2	100.00	100.00	100.00	0.00
Ant1	921.4	100.00	100.00	100.00	0.00
Ant1	927.8	100.00	100.00	100.00	0.00



*** End of Report ***