

Appendix: 915MHz

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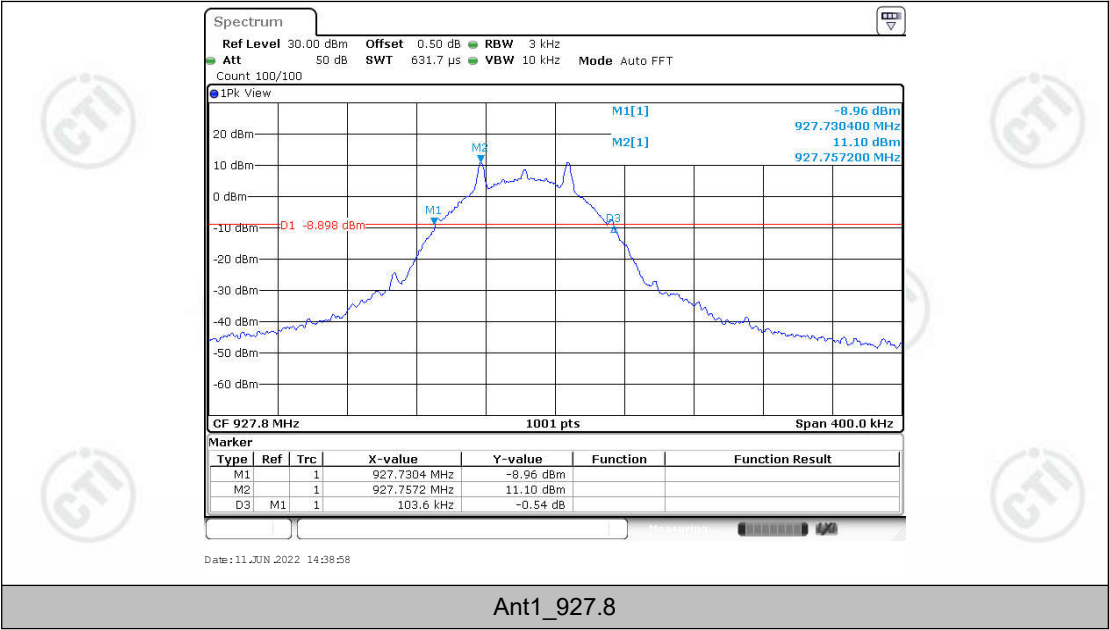
Appendix A: 20dB Emission Bandwidth

Test Result

Antenna	Channel[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Ant1	915.2	0.103	915.131	915.234	---	PASS
	921.4	0.103	921.331	921.434	---	PASS
	927.8	0.104	927.730	927.834	---	PASS

Test Graphs



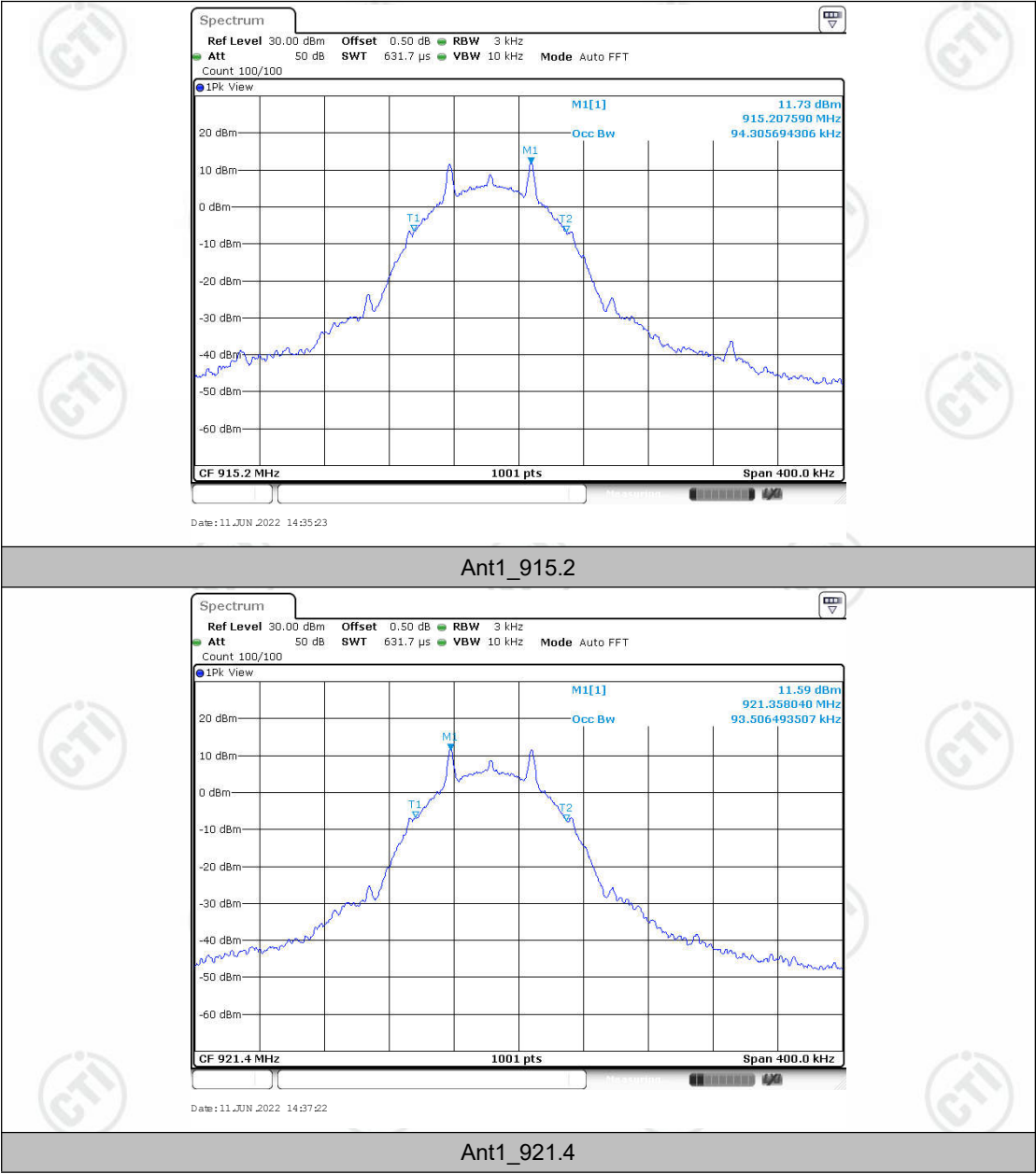


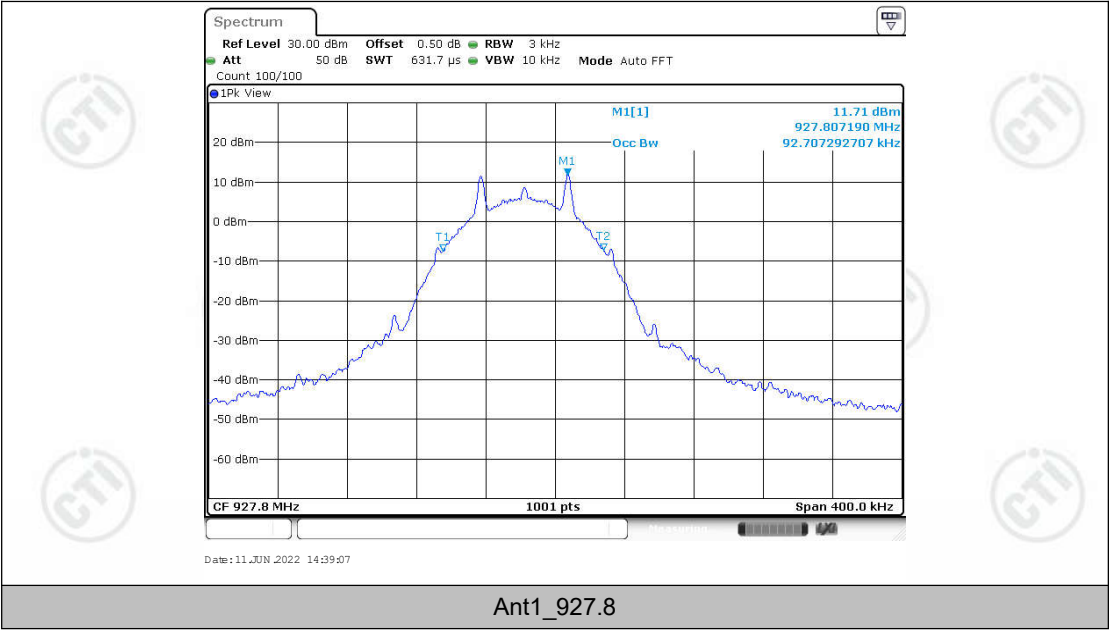
Appendix B: Occupied Channel Bandwidth

Test Result

Antenna	Channel[MHz]	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Ant1	915.2	0.094	915.135	915.230	---	PASS
	921.4	0.094	921.336	921.430	---	PASS
	927.8	0.093	927.735	927.828	---	PASS

Test Graphs



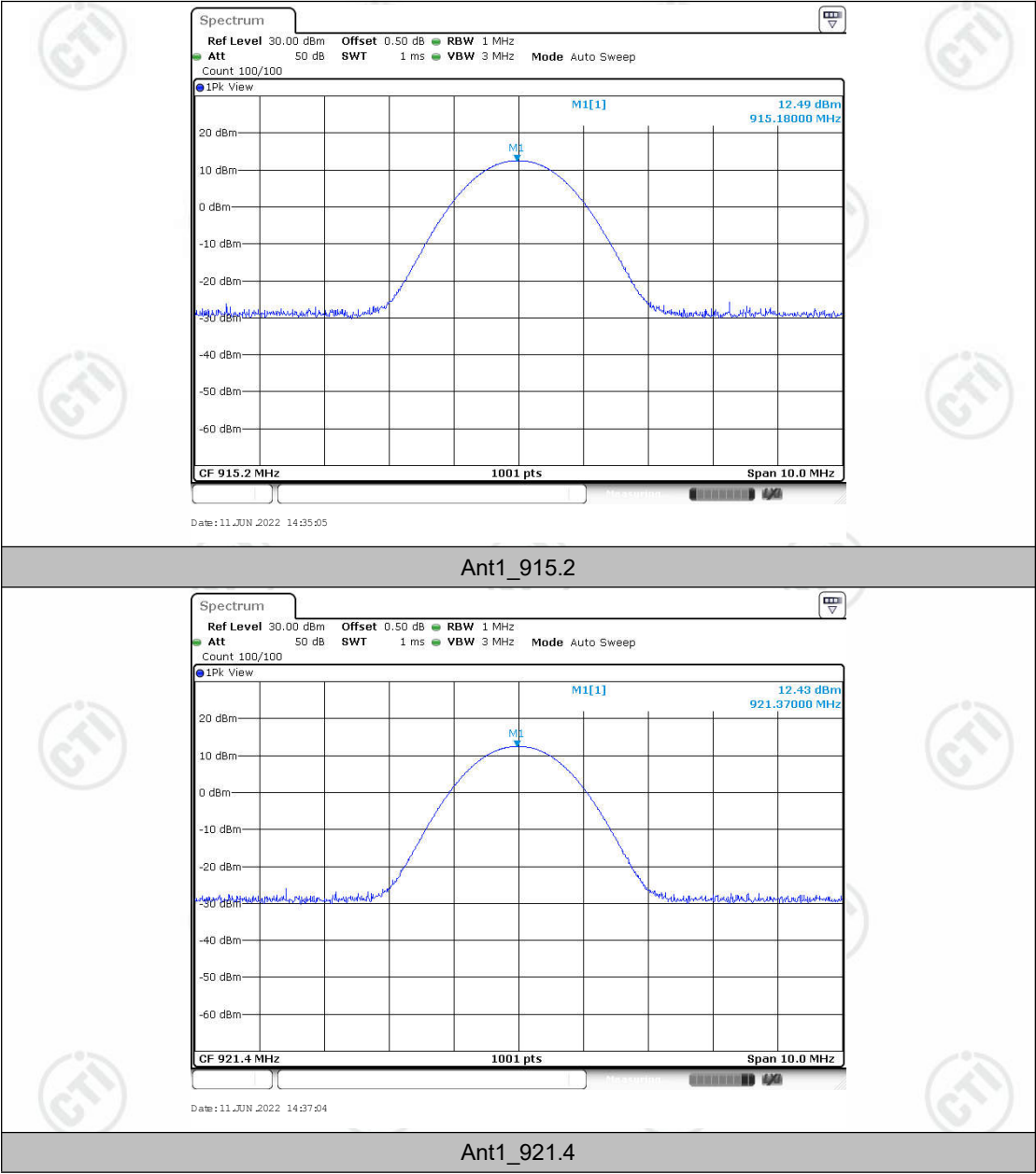


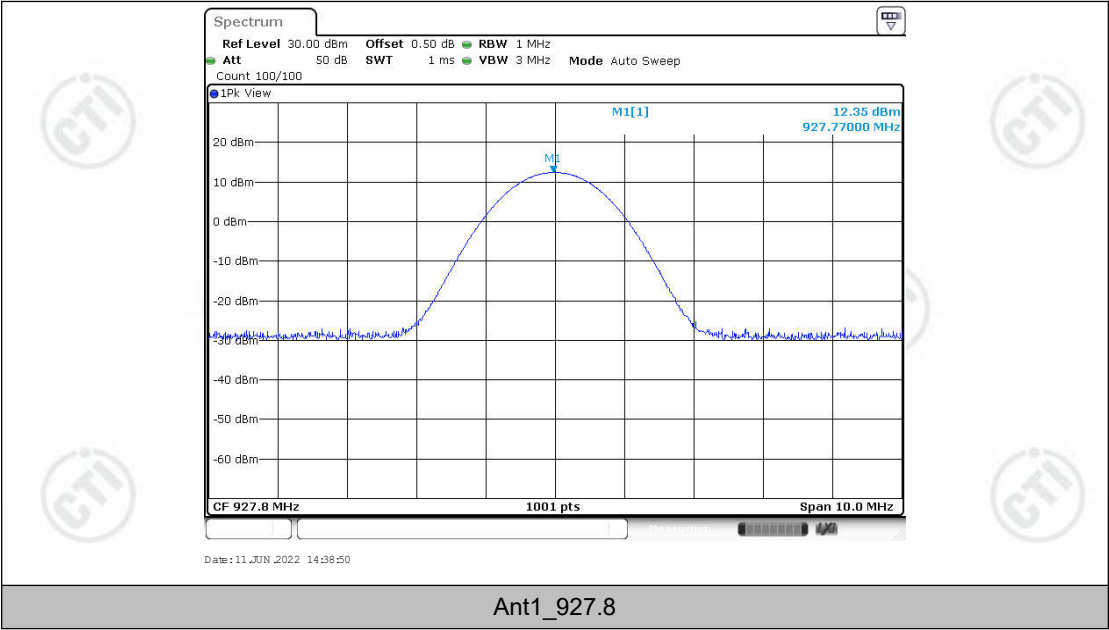
Appendix C: Maximum conducted output power

Test Result

Antenna	Channel[MHz]	Result[dBm]	Limit[dBm]	Verdict
Ant1	915.2	12.49	<=30	PASS
	921.4	12.43	<=30	PASS
	927.8	12.35	<=30	PASS

Test Graphs



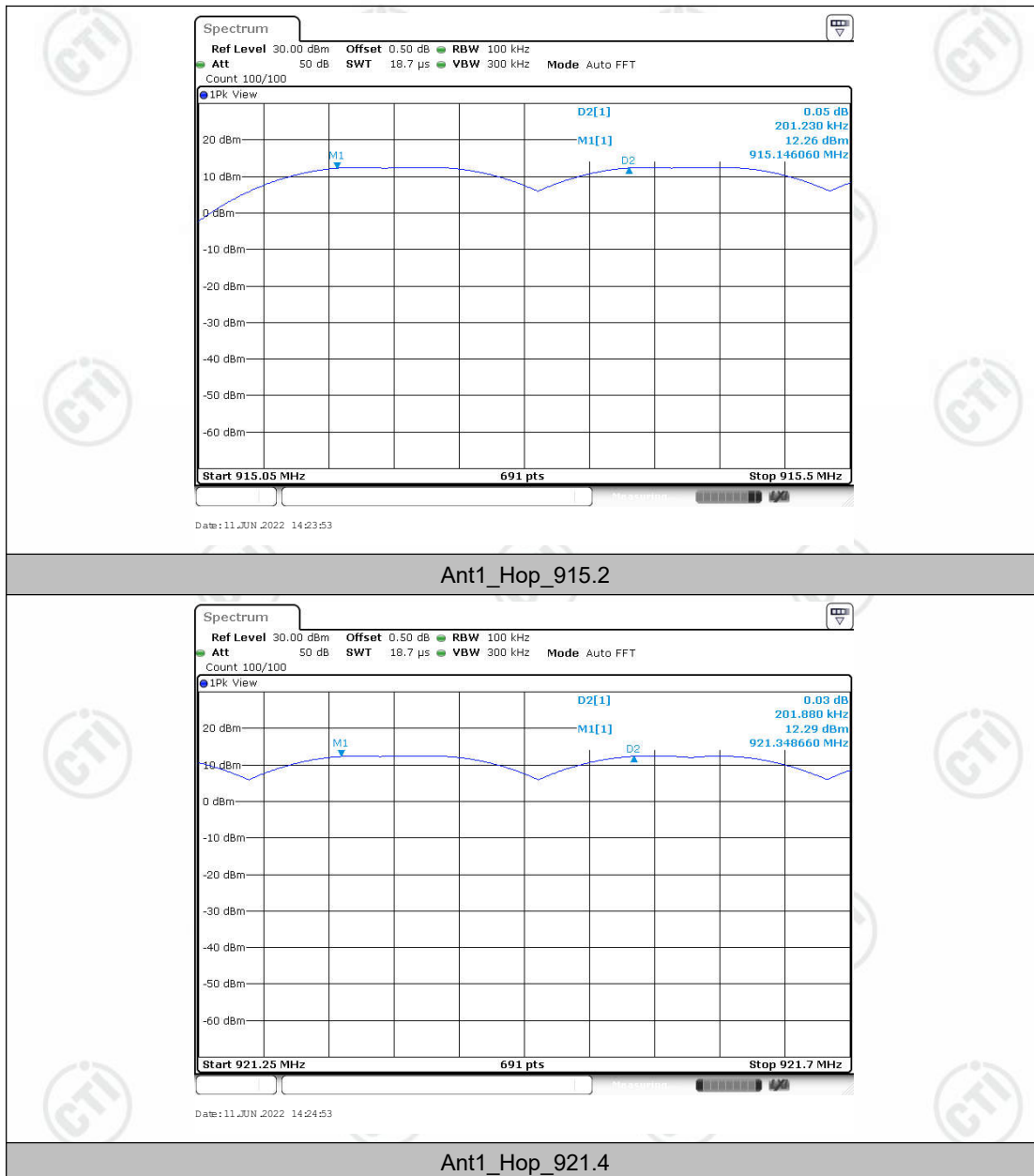


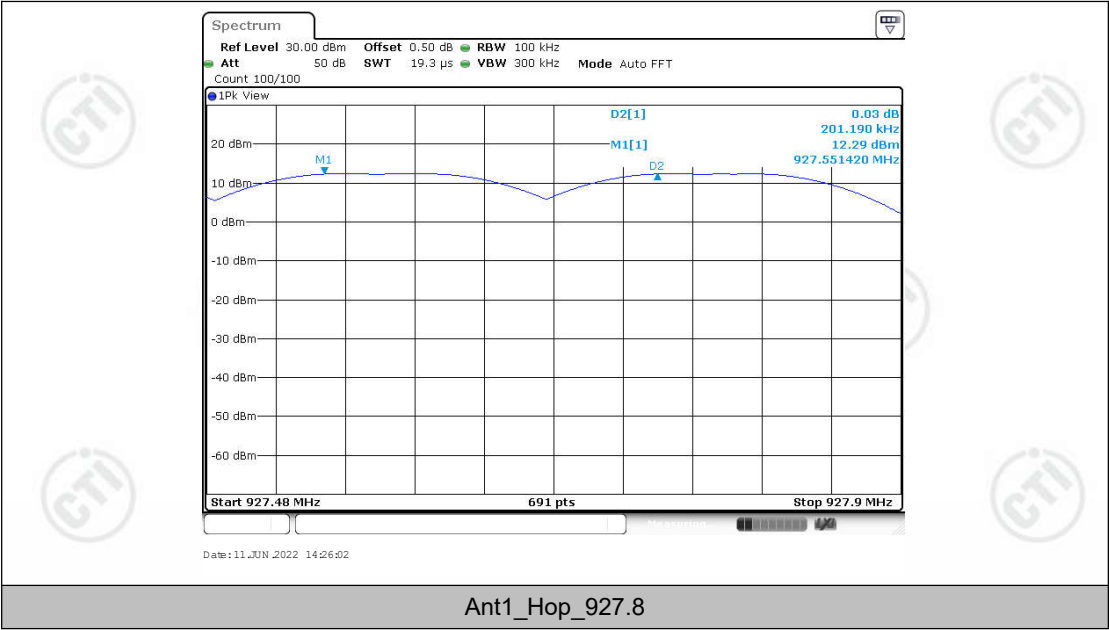
Appendix D: Carrier frequency separation

Test Result

Antenna	Channel[MHz]	Result[kHz]	Limit[kHz]	Verdict
Ant1	Hop_915.2	201.23	>=102.8	Verdict
Ant1	Hop_921.4	201.88	>=102.8	Verdict
Ant1	Hop_927.8	201.19	>=103.6	Verdict

Test Graphs



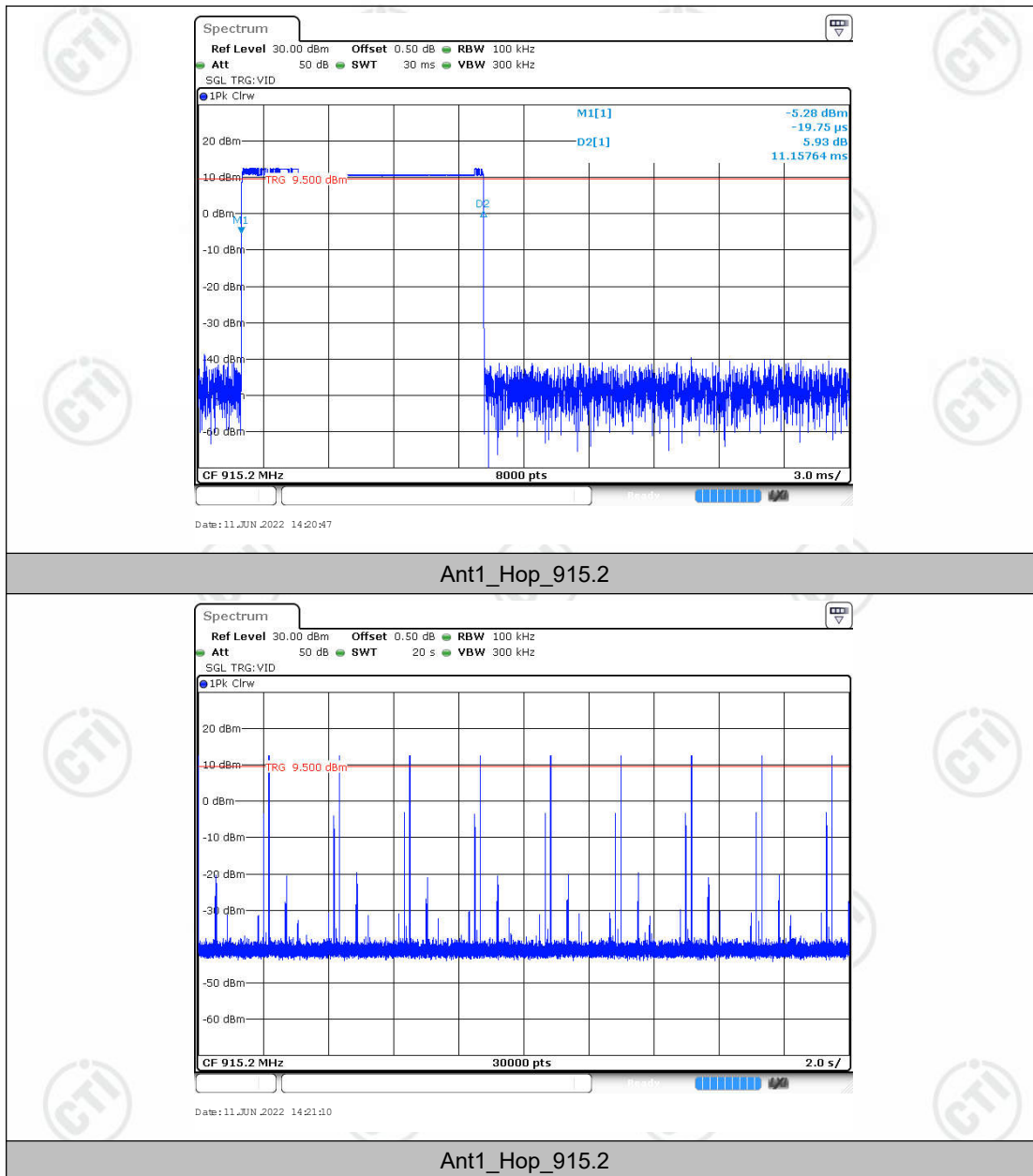


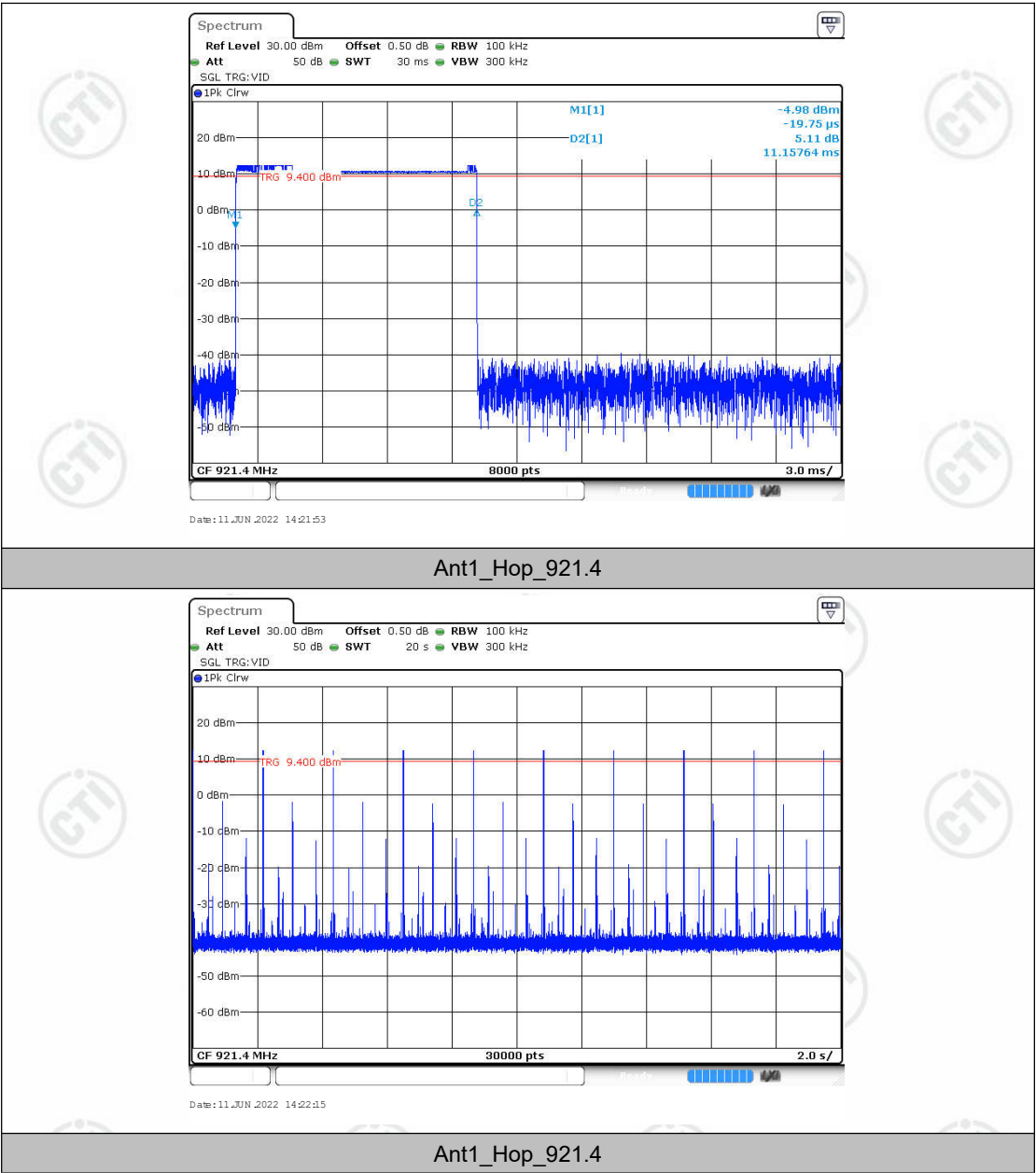
Appendix E: Time of occupancy

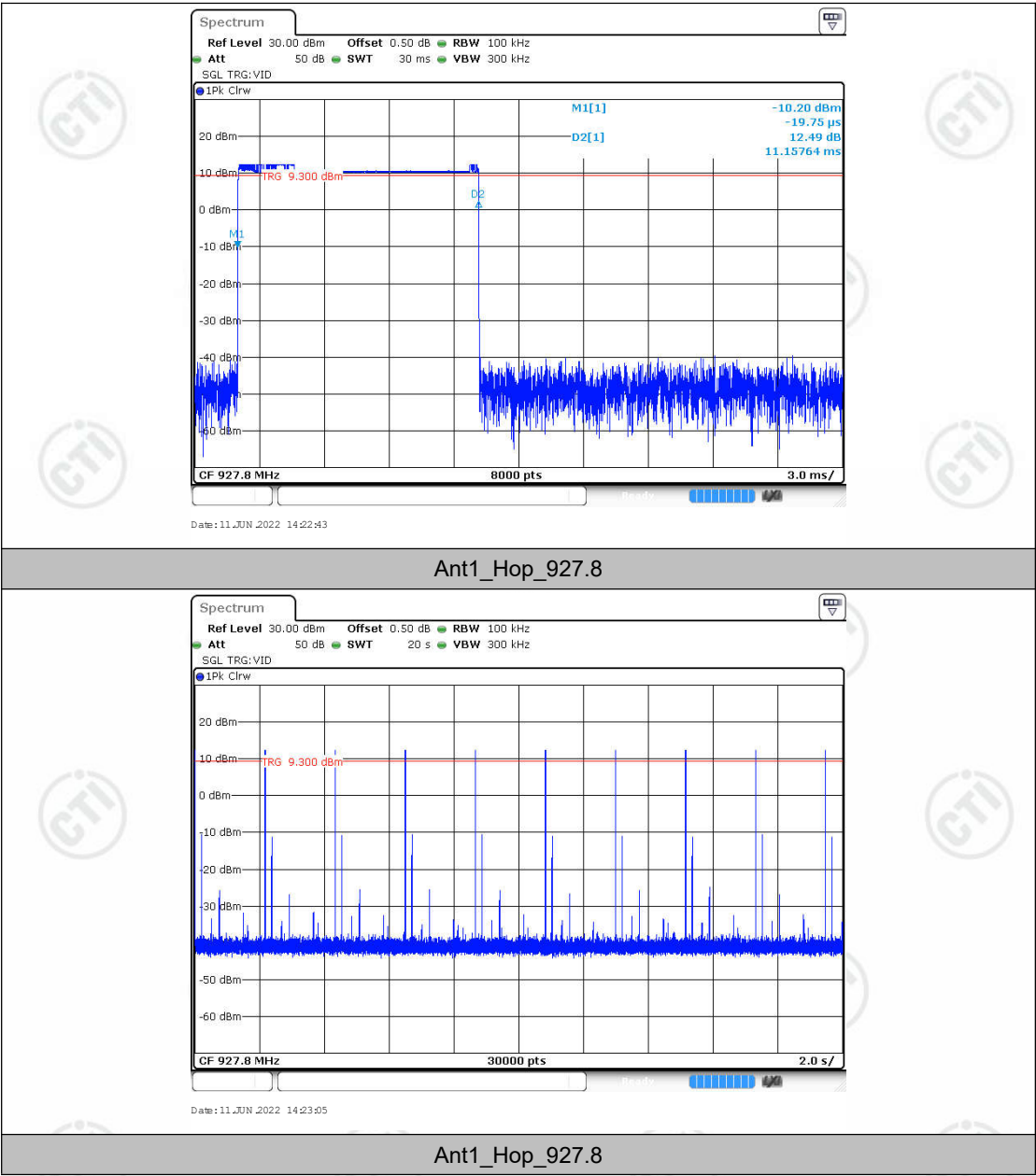
Test Result

Antenna	Channel[MHz]	Burst Width[ms]	Total Hops[Num]	Result[ms]	Limit[ms]	Verdict
Ant1	Hop_915.2	11.16	9	100.44	<=400	PASS
Ant1	Hop_921.4	11.16	9	100.44	<=400	PASS
Ant1	Hop_927.8	11.16	9	100.44	<=400	PASS

Test Graphs





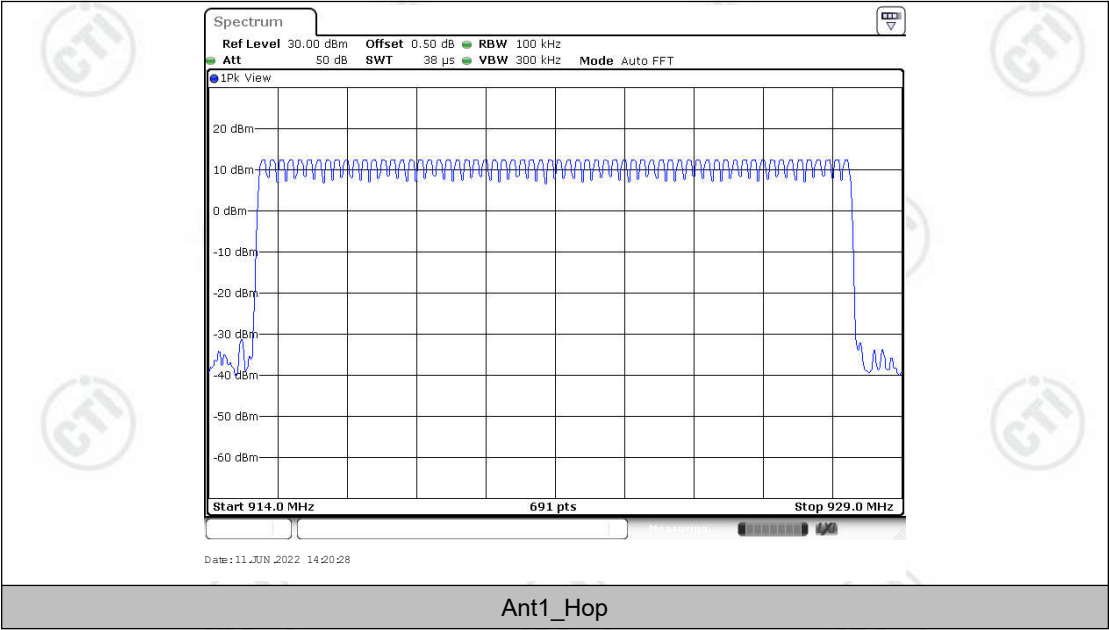


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

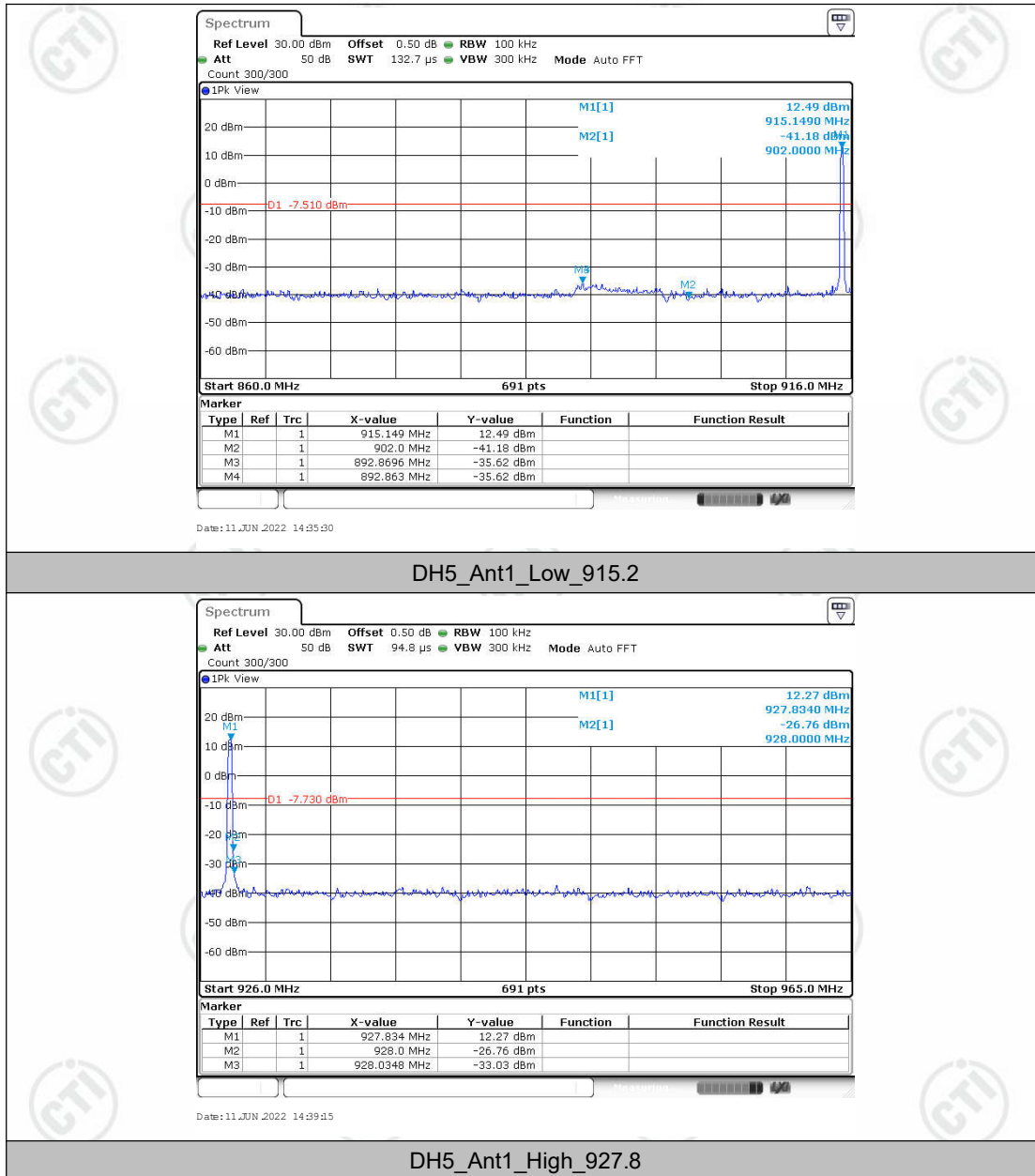


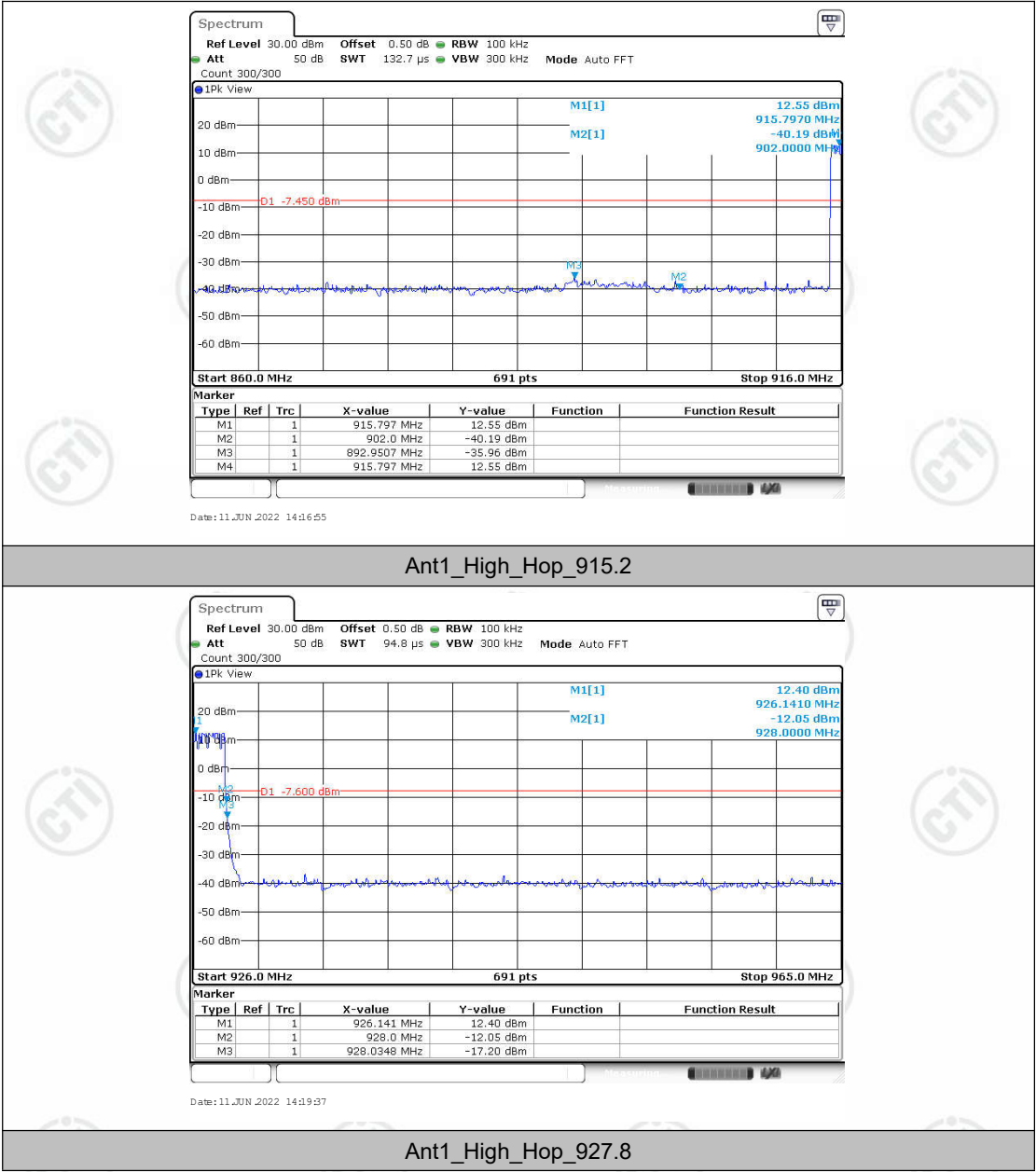
Appendix G: Band edge measurements

Test Result

Antenna	Ch Name	Channel[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
Ant1	Low	915.2	12.49	-35.62	<=-7.51	PASS
	High	927.8	12.27	-33.03	<=-7.73	PASS
	Low	Hop_915.2	12.55	-35.96	<=-7.45	PASS
	High	Hop_927.8	12.40	-17.20	<=-7.60	PASS

Test Graphs



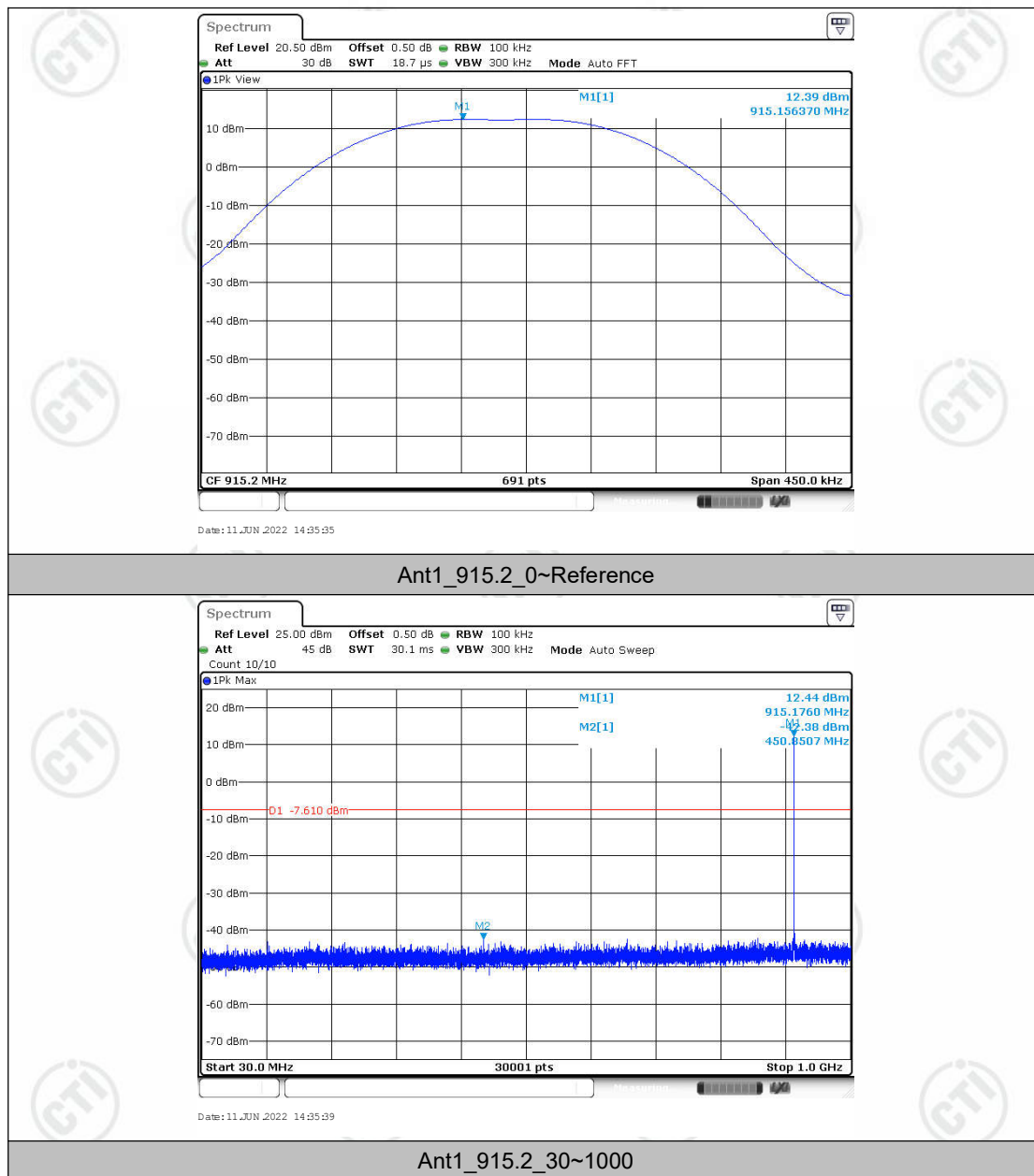


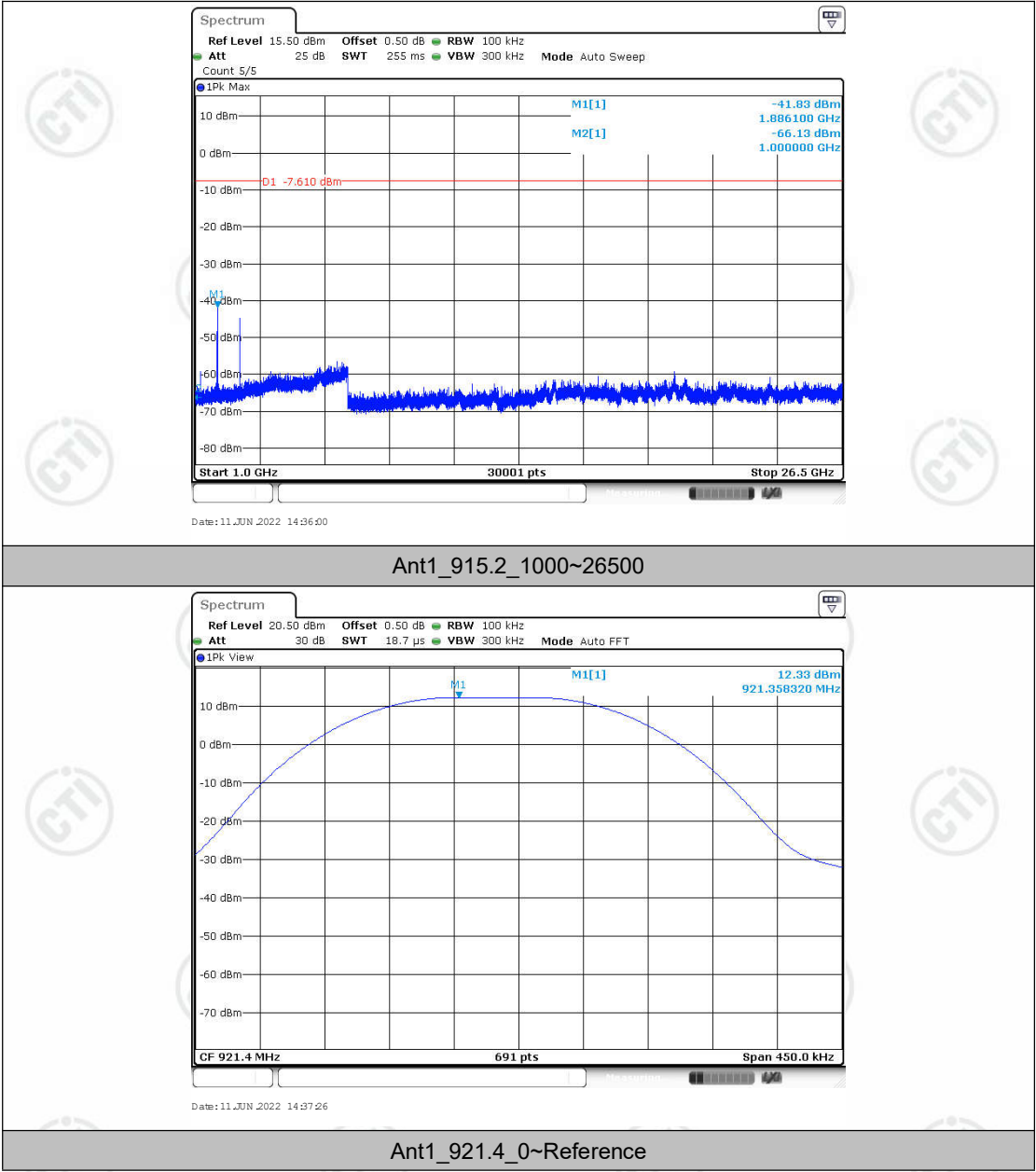
Appendix H: Conducted Spurious Emission

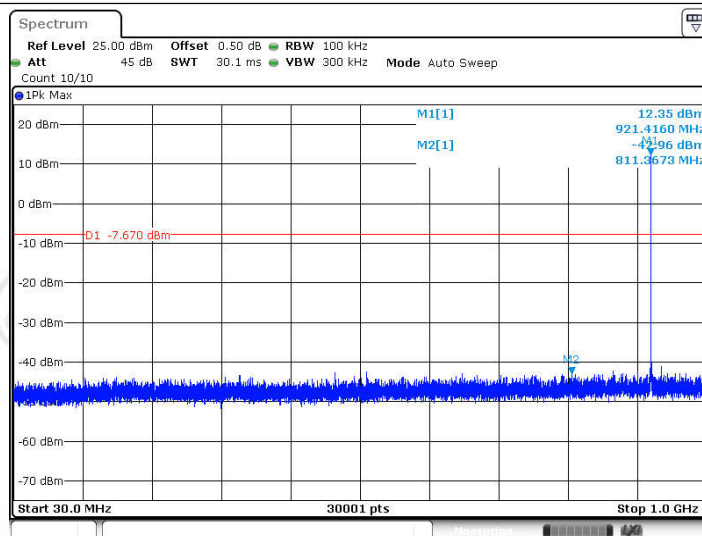
Test Result

Antenna	Channel[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
Ant1	915.2	Reference	12.39	12.39	---	PASS
		30~1000	12.39	-42.38	≤ -7.61	PASS
		1000~26500	12.39	-41.83	≤ -7.61	PASS
	921.4	Reference	12.33	12.33	---	PASS
		30~1000	12.33	-42.96	≤ -7.67	PASS
		1000~26500	12.33	-42.5	≤ -7.67	PASS
	927.8	Reference	12.26	12.26	---	PASS
		30~1000	12.26	-42.73	≤ -7.74	PASS
		1000~26500	12.26	-45.05	≤ -7.74	PASS

Test Graphs

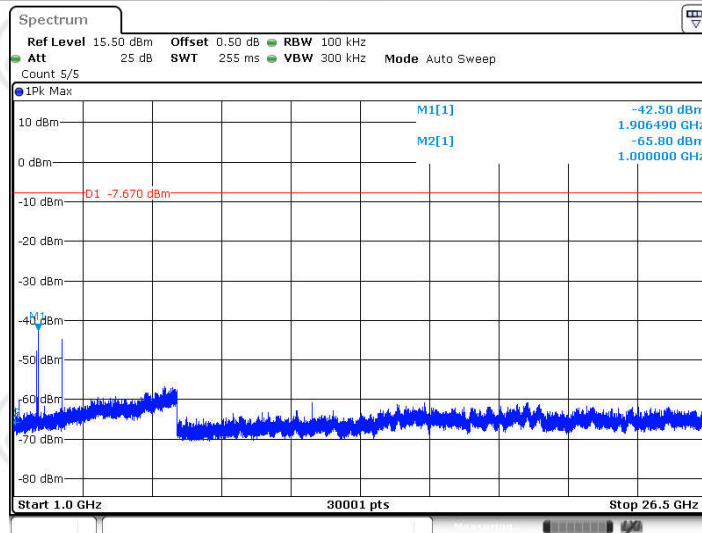






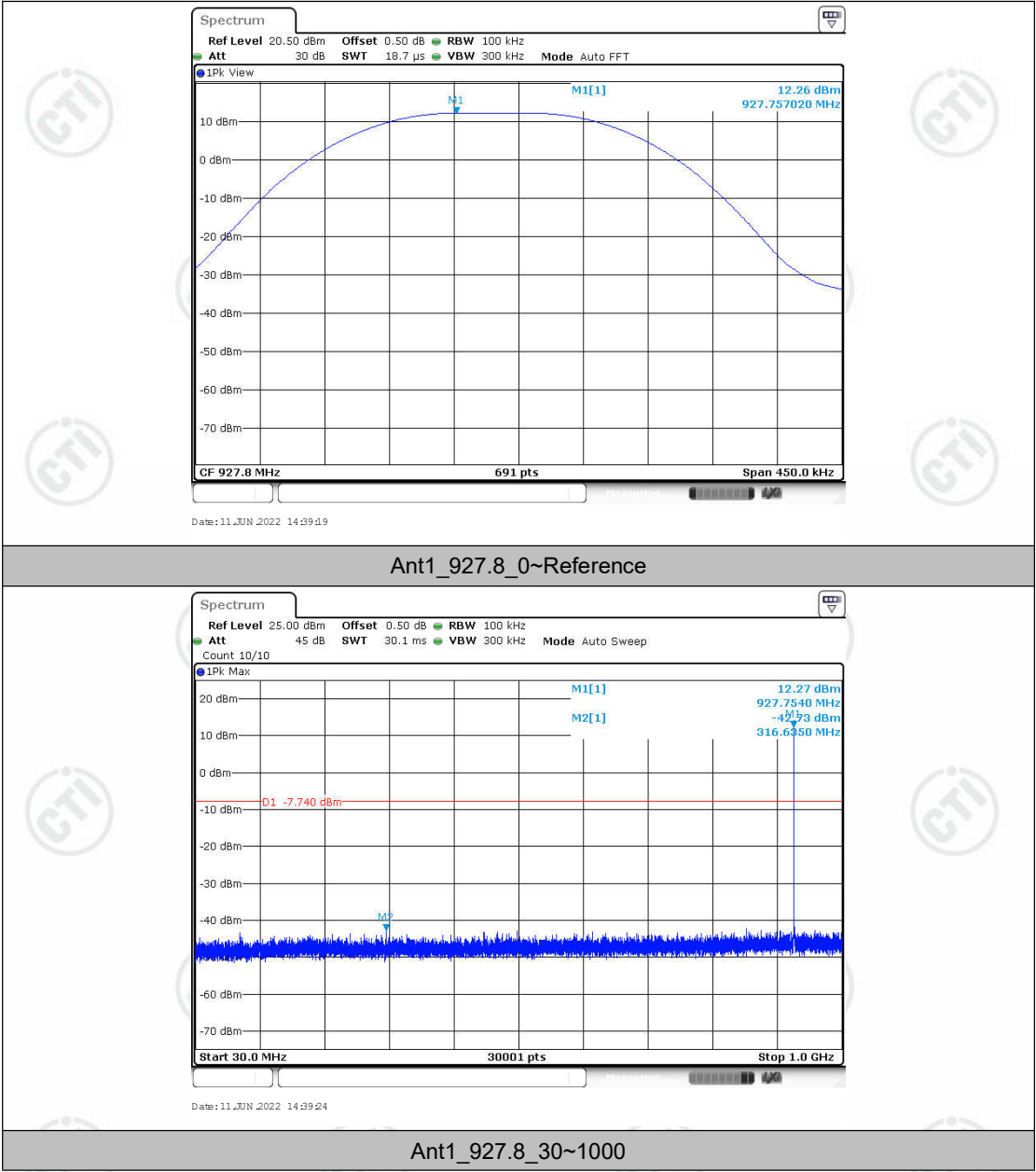
Date: 11 JUN 2022 14:37:30

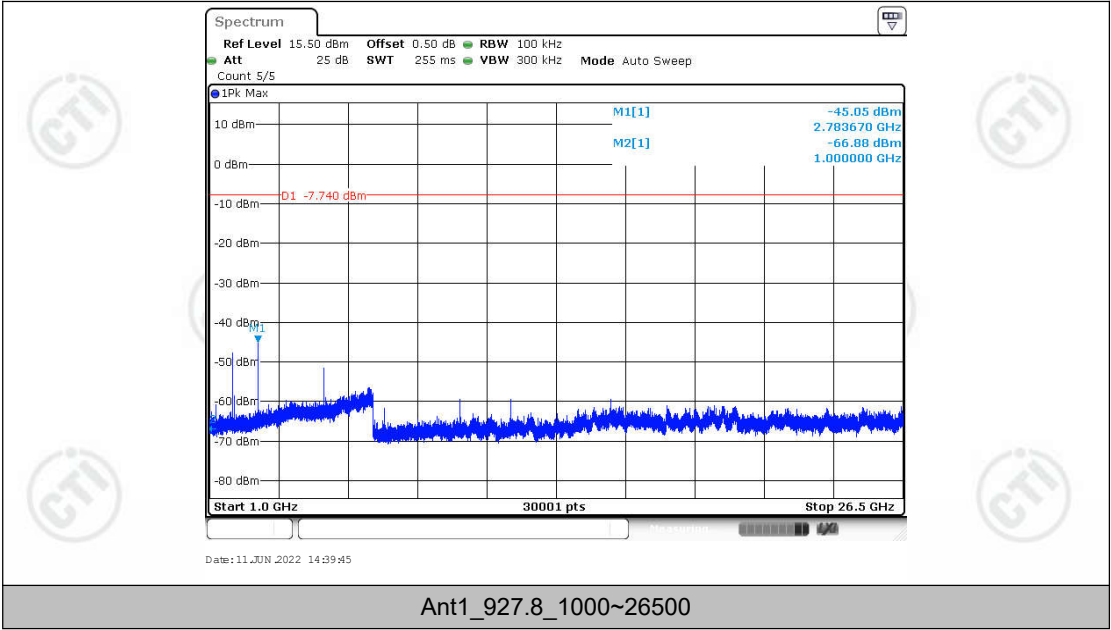
Ant1_921.4_30~1000



Date: 11 JUN 2022 14:37:51

Ant1_921.4_1000~26500



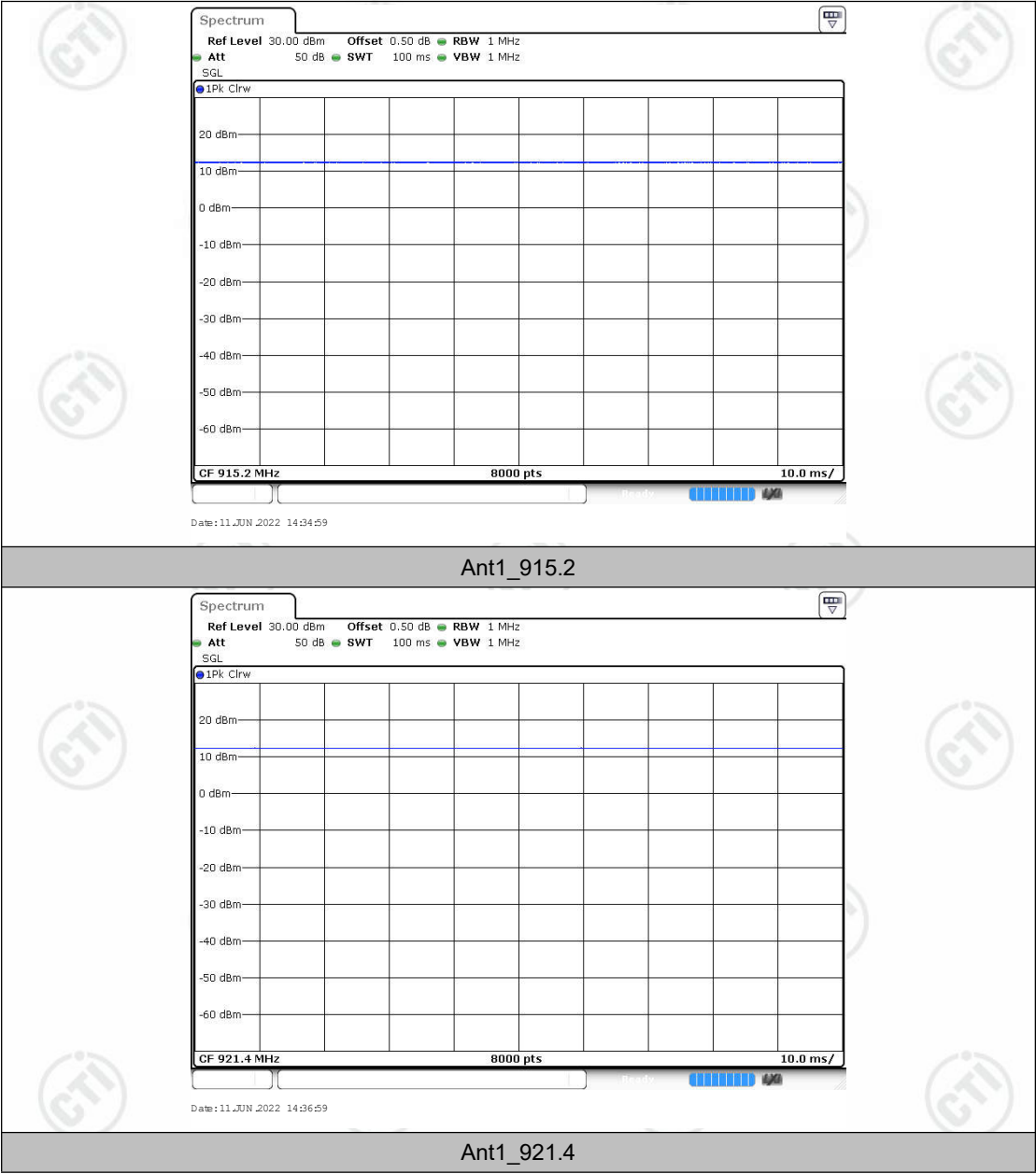


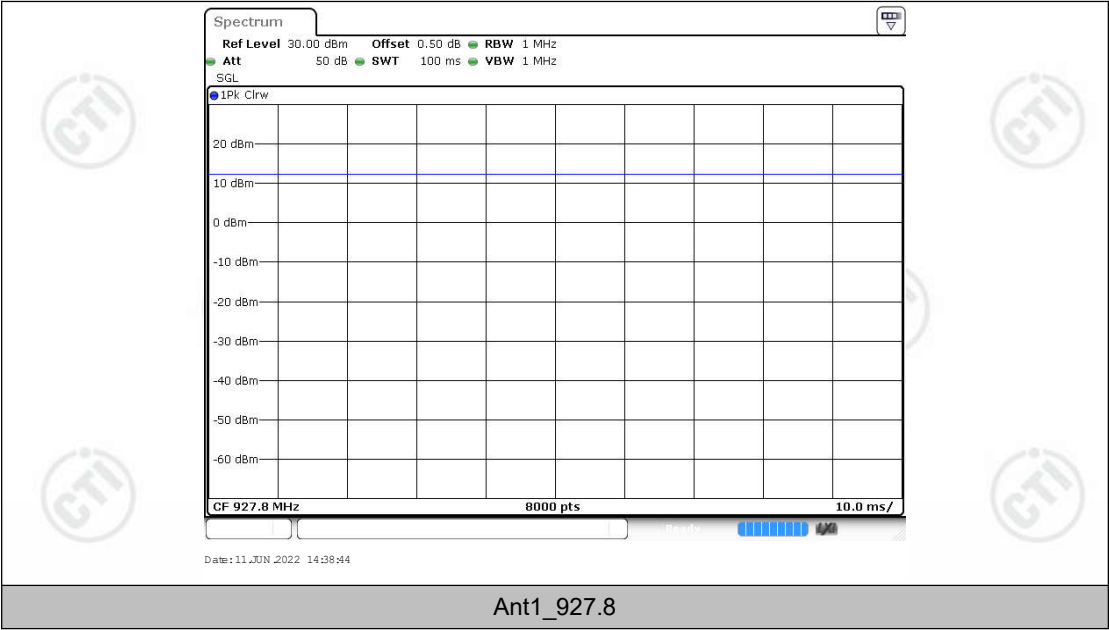
Appendix I: Duty Cycle

Test Result

Antenna	Channel[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
Ant1	915.2	100.00	100.00	100.00	---	PASS
	921.4	100.00	100.00	100.00	---	PASS
	927.8	100.00	100.00	100.00	---	PASS

Test Graphs





*** End of Report ***