

Appendix: LR-DTS

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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequenc y[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LR-DTS	Ant1	903	1.49	902.18	903.67	0.5	PASS
LR-DTS	Ant1	909.4	1.62	908.60	910.22	0.5	PASS
LR-DTS	Ant1	914.2	1.64	913.38	915.02	0.5	PASS

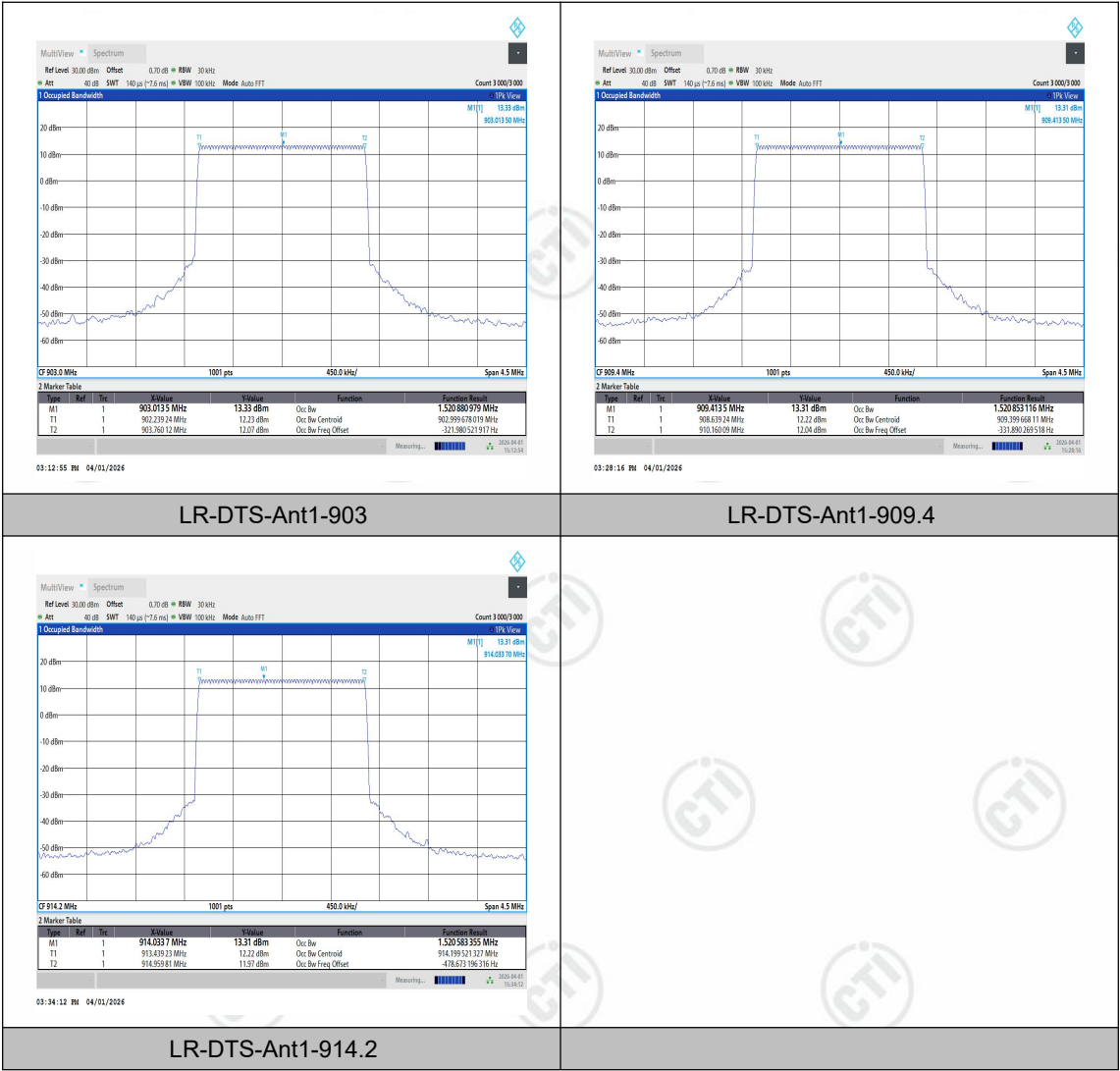
LR-DTS-Ant1-914.2-PASS

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LR-DTS	Ant1	903	1.5209	902.2392	903.7601	---	---
LR-DTS	Ant1	909.4	1.5209	908.6392	910.1601	---	---
LR-DTS	Ant1	914.2	1.5206	913.4392	914.9598	---	---

Test Graphs

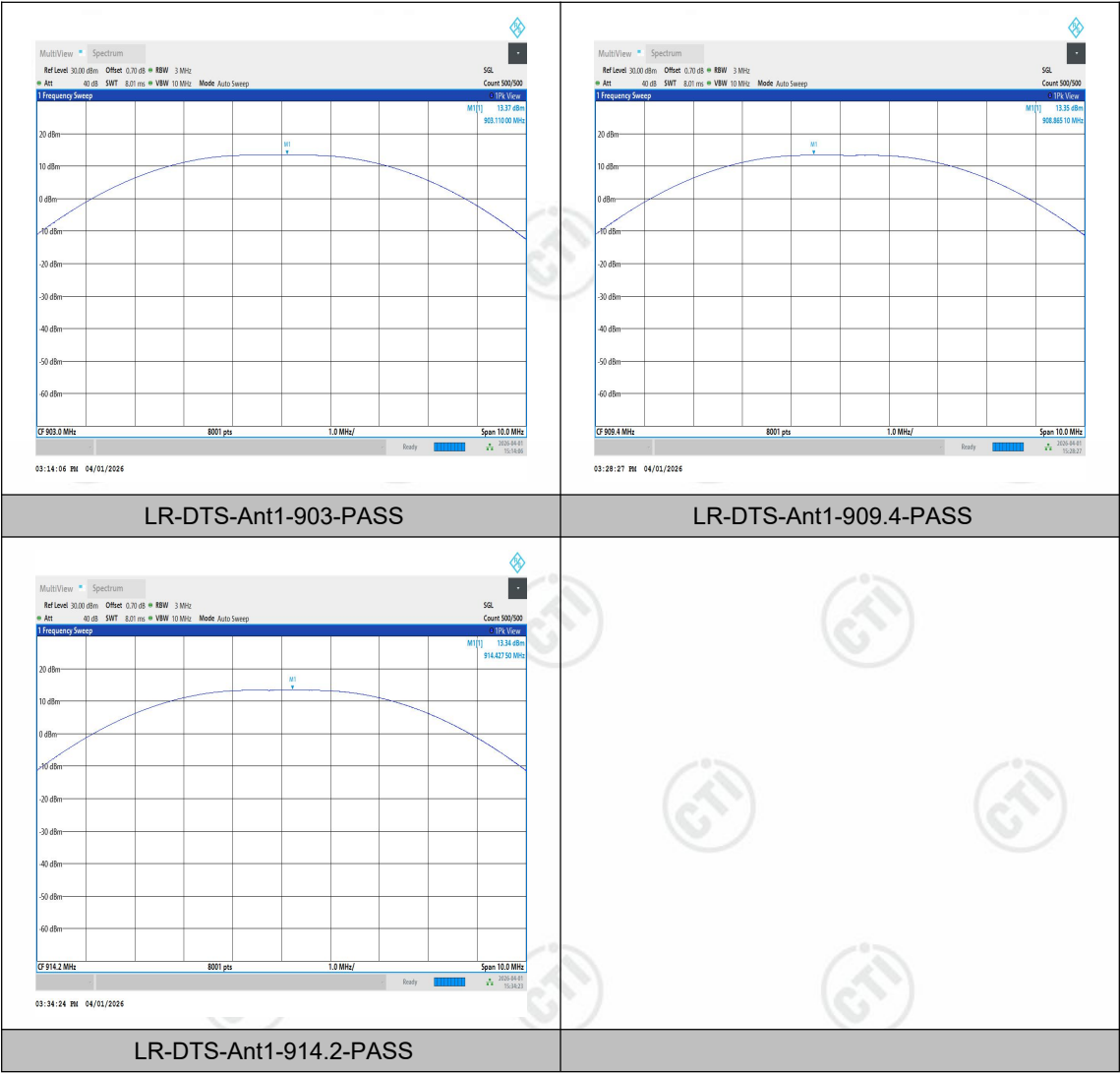


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
LR-DTS	Ant1	903	13.37	≤30	PASS
LR-DTS	Ant1	909.4	13.35	≤30	PASS
LR-DTS	Ant1	914.2	13.34	≤30	PASS

Test Graphs Peak

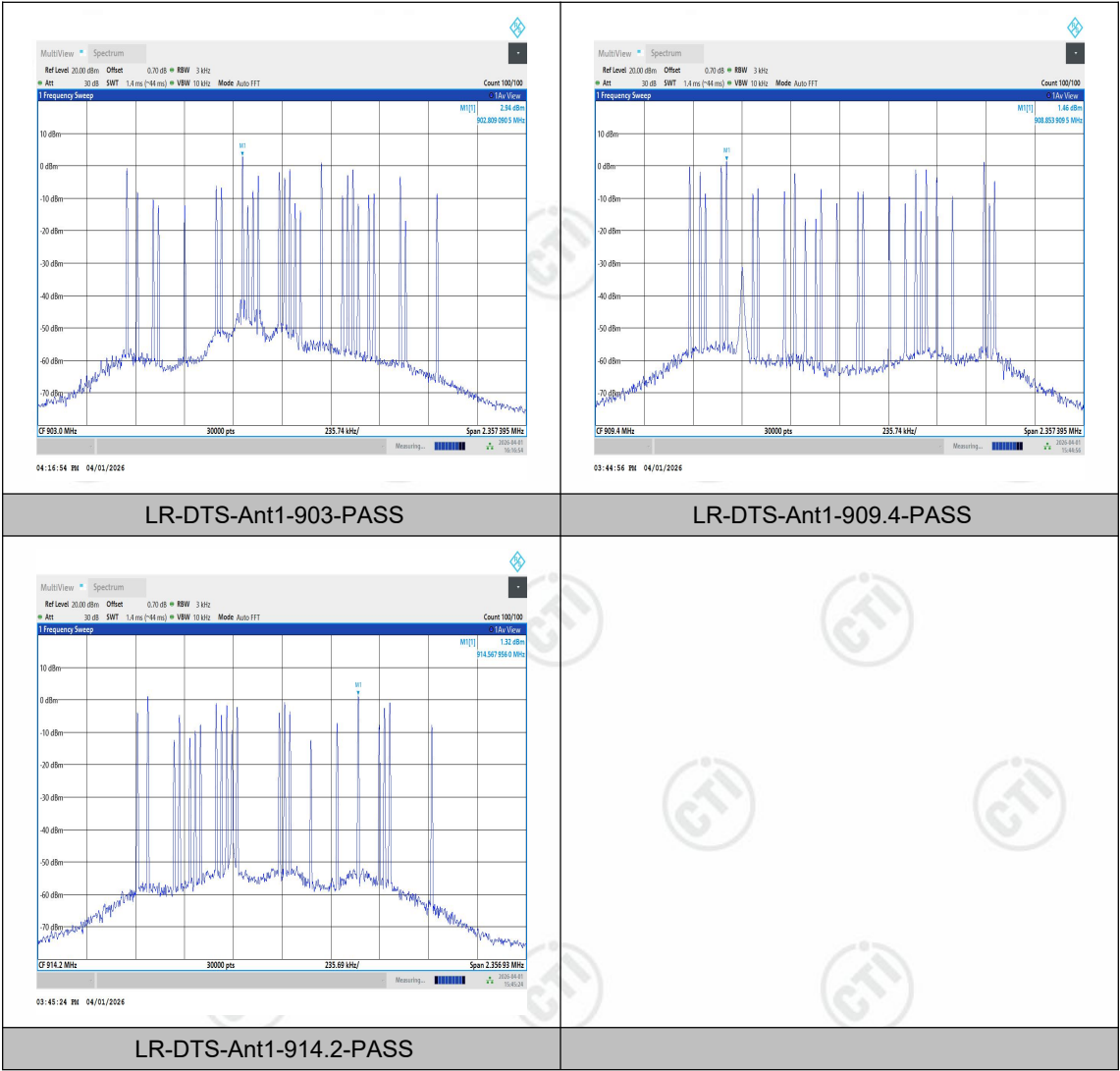


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Result[dBm /3kHz]	DC Factor[dB]	Total PSD[dBm/ 3kHz]	Limit[d Bm/3kHz]	Verdict
LR-DTS	Ant1	903	2.94	3.82	6.76	≤8.00	PASS
LR-DTS	Ant1	909.4	1.46	3.82	5.28	≤8.00	PASS
LR-DTS	Ant1	914.2	1.32	3.85	5.17	≤8.00	PASS

Test Graphs

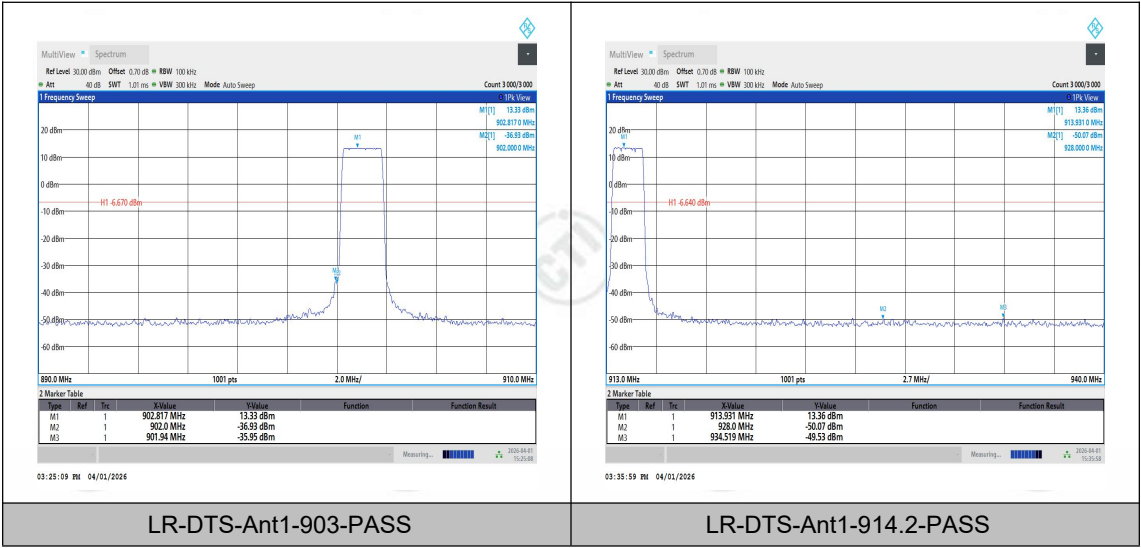


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
LR-DTS	Ant1	Low	903	13.33	-35.95	≤-6.67	PASS
LR-DTS	Ant1	High	914.2	13.36	-49.53	≤-6.64	PASS

Test Graphs

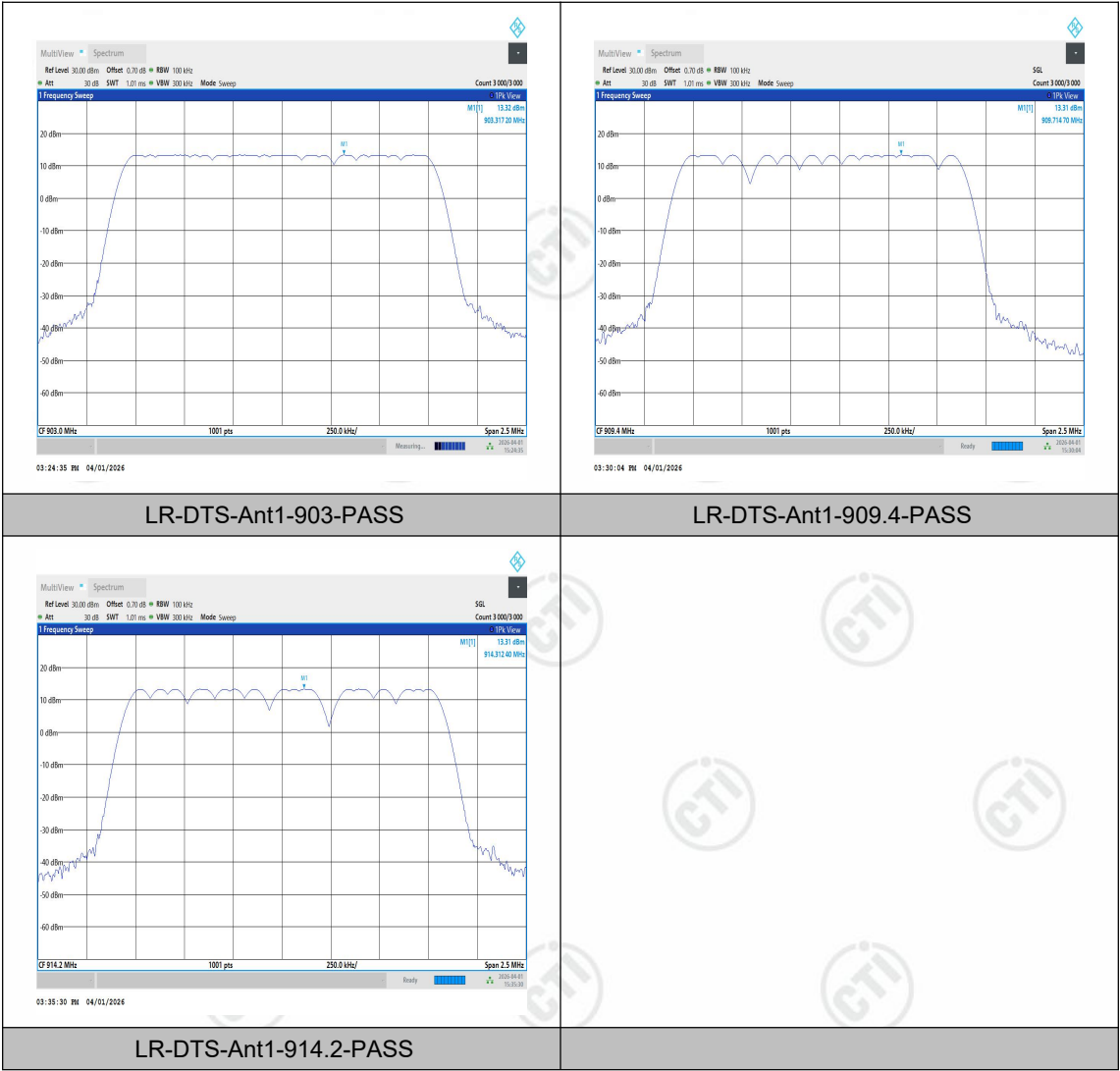


ppendix E: Reference level measurement

Test Result

TestMode	Antenna	Frequency [MHz]	Result[dBm]	Limit[dBm]	Verdict
LR-DTS	Ant1	903	13.32	---	PASS
LR-DTS	Ant1	909.4	13.31	---	PASS
LR-DTS	Ant1	914.2	13.31	---	PASS

Test Graphs



Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
LR-DTS	Ant1	903	30~1000	13.32	-48.49	≤-6.68	PASS
LR-DTS	Ant1	903	1000~26500	13.32	-42.49	≤-6.68	PASS
LR-DTS	Ant1	909.4	30~1000	13.31	-48.64	≤-6.69	PASS
LR-DTS	Ant1	909.4	1000~26500	13.31	-43.02	≤-6.69	PASS
LR-DTS	Ant1	914.2	30~1000	13.31	-48.40	≤-6.69	PASS
LR-DTS	Ant1	914.2	1000~26500	13.31	-42.52	≤-6.69	PASS