

Appendix: SubG CSS 500KHz

Contents

Appendix A: DTS Bandwidth 3

 Test Result 3

 Test Graphs 4

Appendix B: Occupied Channel Bandwidth 5

 Test Result 5

 Test Graphs 6

Appendix C: Maximum conducted output power 7

 Test Result Peak 7

 Test Graphs Peak 8

Appendix D: Maximum power spectral density 9

 Test Result 9

 Test Graphs 10

Appendix E: Band edge measurements 11

 Test Result 11

 Test Graphs 12

Appendix E: Reference level measurement 13

 Test Result 13

 Test Graphs 14

Appendix G: Conducted Spurious Emission 15

 Test Result 15

 Test Graphs 16

Appendix H: Duty Cycle 17

 Test Result 17

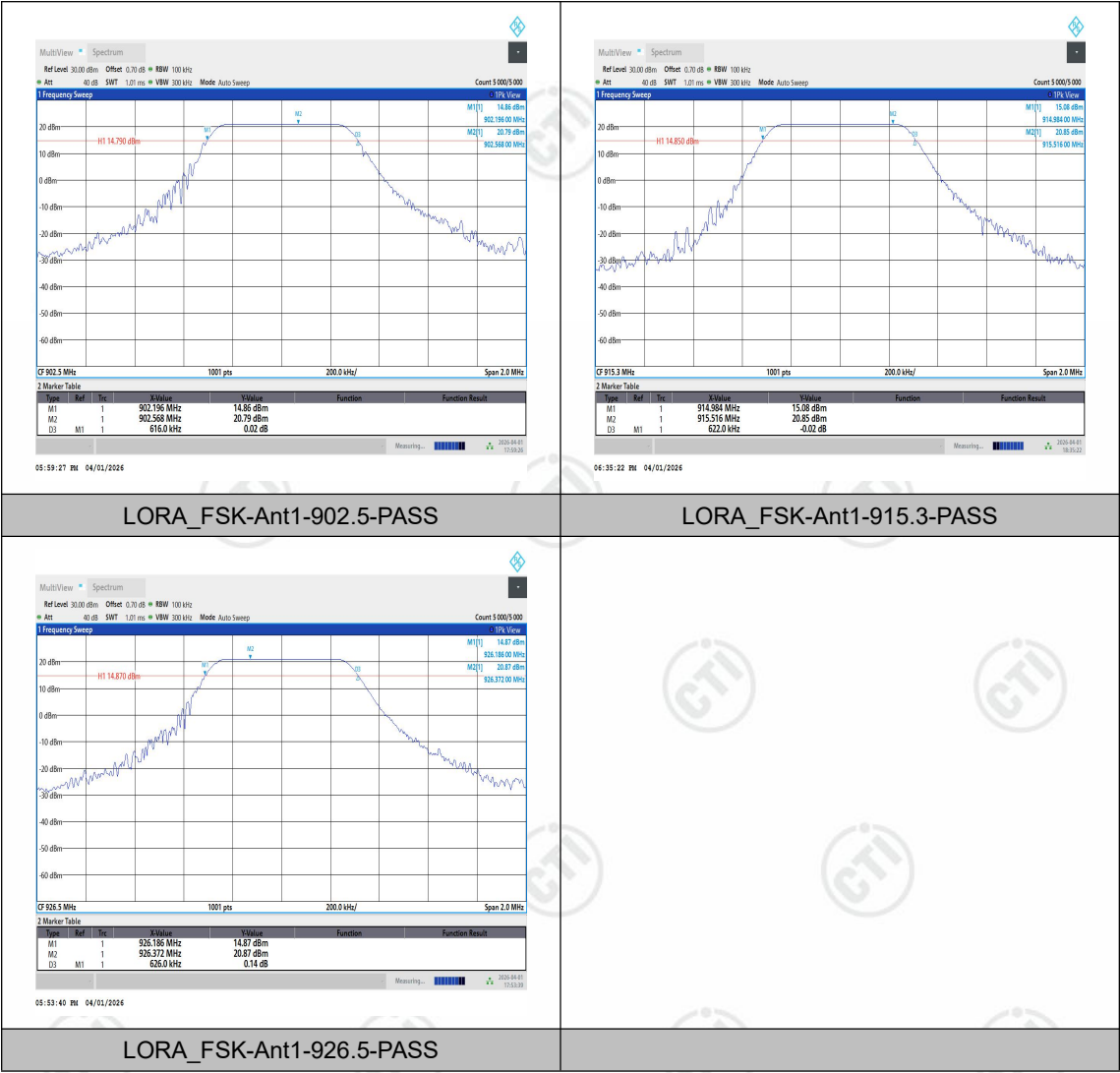
 Test Graphs 18

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LORA_FSK	Ant1	902.5	0.62	902.20	902.81	0.5	PASS
LORA_FSK	Ant1	915.3	0.62	914.98	915.61	0.5	PASS
LORA_FSK	Ant1	926.5	0.63	926.19	926.81	0.5	PASS

Test Graphs

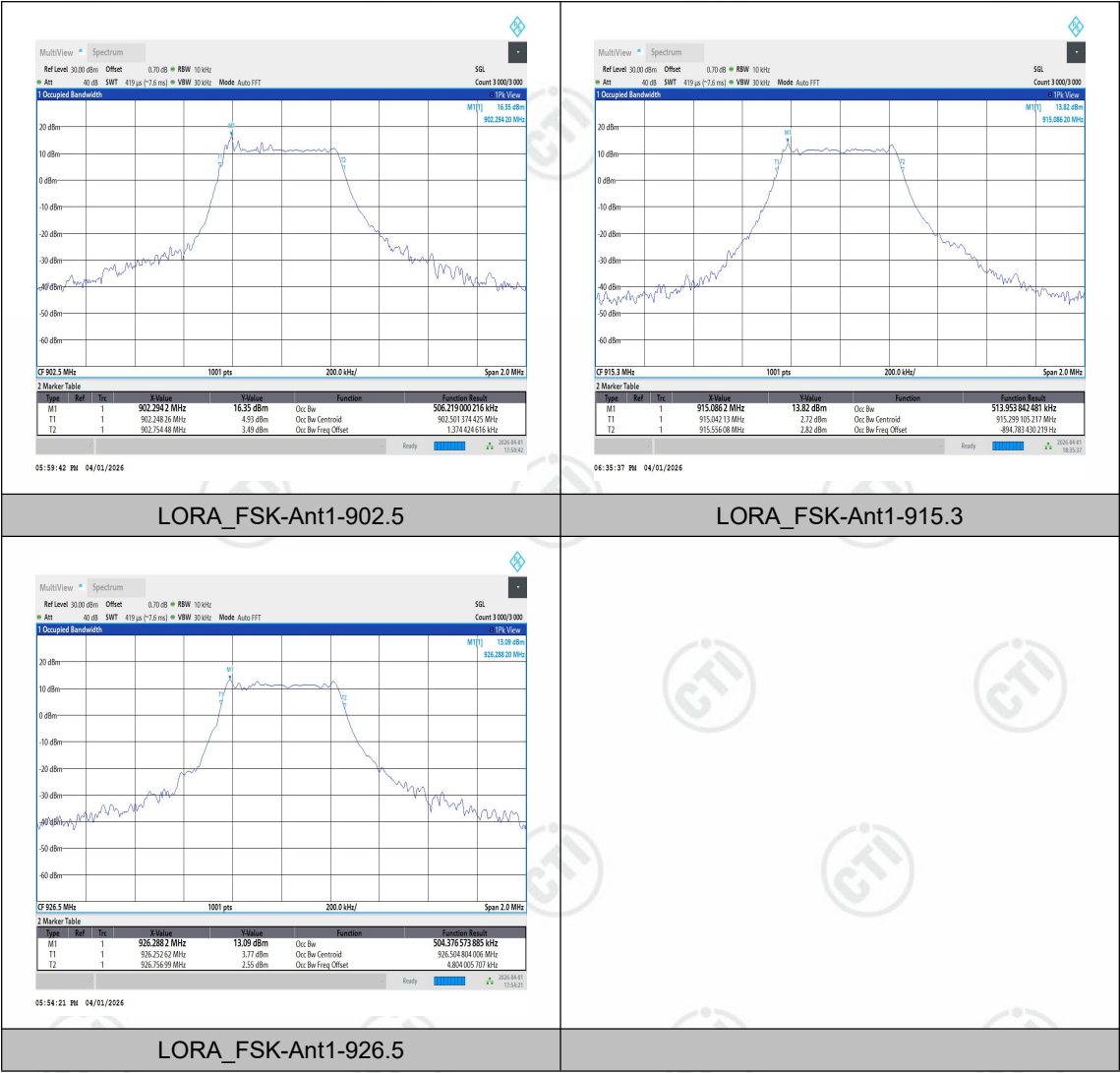


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LORA_FSK	Ant1	902.5	0.50622	902.2483	902.7545	---	---
LORA_FSK	Ant1	915.3	0.51395	915.0421	915.5561	---	---
LORA_FSK	Ant1	926.5	0.50438	926.2526	926.7570	---	---

Test Graphs

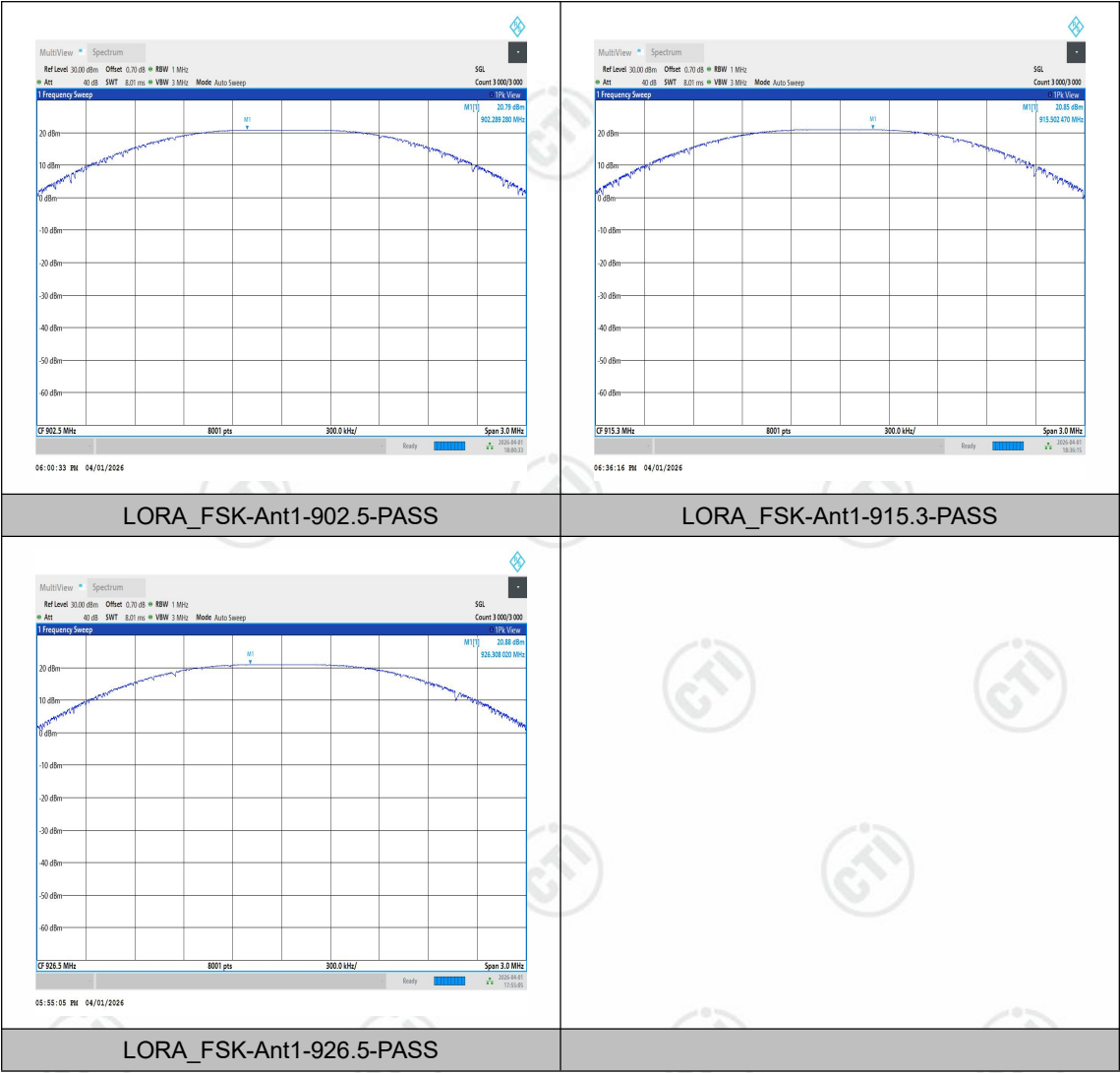


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
LORA_FSK	Ant1	902.5	20.79	≤30	PASS
LORA_FSK	Ant1	915.3	20.85	≤30	PASS
LORA_FSK	Ant1	926.5	20.88	≤30	PASS

Test Graphs Peak



Appendix D: Maximum power spectral density

Test Result

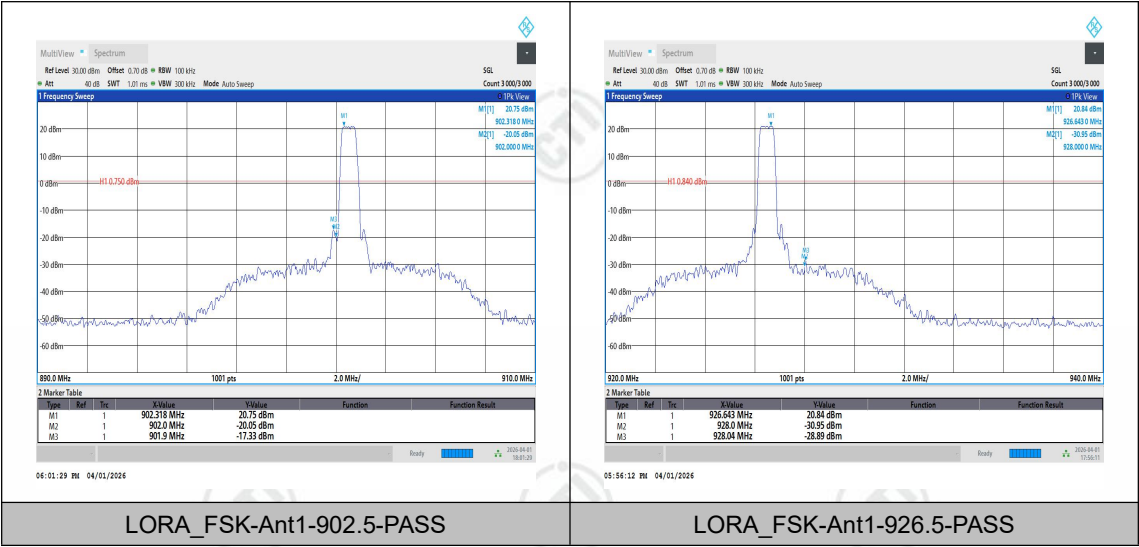
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
LORA_FSK	Ant1	902.5	2.97	≤8.00	PASS
LORA_FSK	Ant1	915.3	5.20	≤8.00	PASS
LORA_FSK	Ant1	926.5	4.13	≤8.00	PASS

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
LORA_FSK	Ant1	Low	902.5	20.75	-17.33	≤0.75	PASS
LORA_FSK	Ant1	High	926.5	20.84	-28.89	≤0.84	PASS

Test Graphs

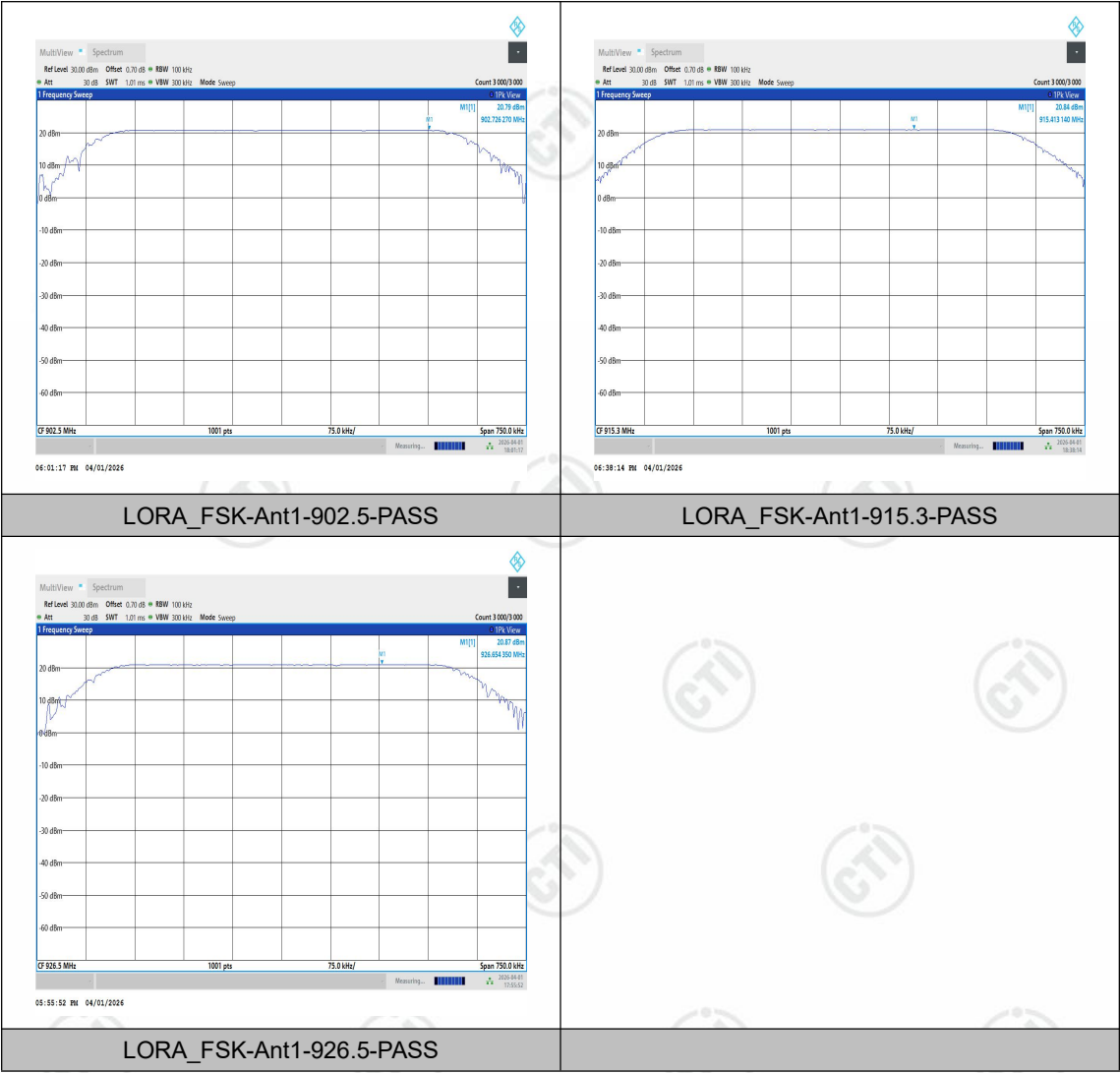


ppendix E: Reference level measurement

Test Result

TestMode	Antenna	Frequency [MHz]	Result[dBm]	Limit[dBm]	Verdict
LORA_FSK	Ant1	902.5	20.79	---	PASS
LORA_FSK	Ant1	915.3	20.84	---	PASS
LORA_FSK	Ant1	926.5	20.87	---	PASS

Test Graphs



Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
LORA_FSK	Ant1	902.5	30~1000	20.79	-48.52	≤0.79	PASS
LORA_FSK	Ant1	902.5	1000~26500	20.79	-42.5	≤0.79	PASS
LORA_FSK	Ant1	915.3	30~1000	20.84	-47.88	≤0.84	PASS
LORA_FSK	Ant1	915.3	1000~26500	20.84	-43.18	≤0.84	PASS
LORA_FSK	Ant1	926.5	30~1000	20.87	-48.81	≤0.87	PASS
LORA_FSK	Ant1	926.5	1000~26500	20.87	-43.05	≤0.87	PASS