

Appendix: 2.4G

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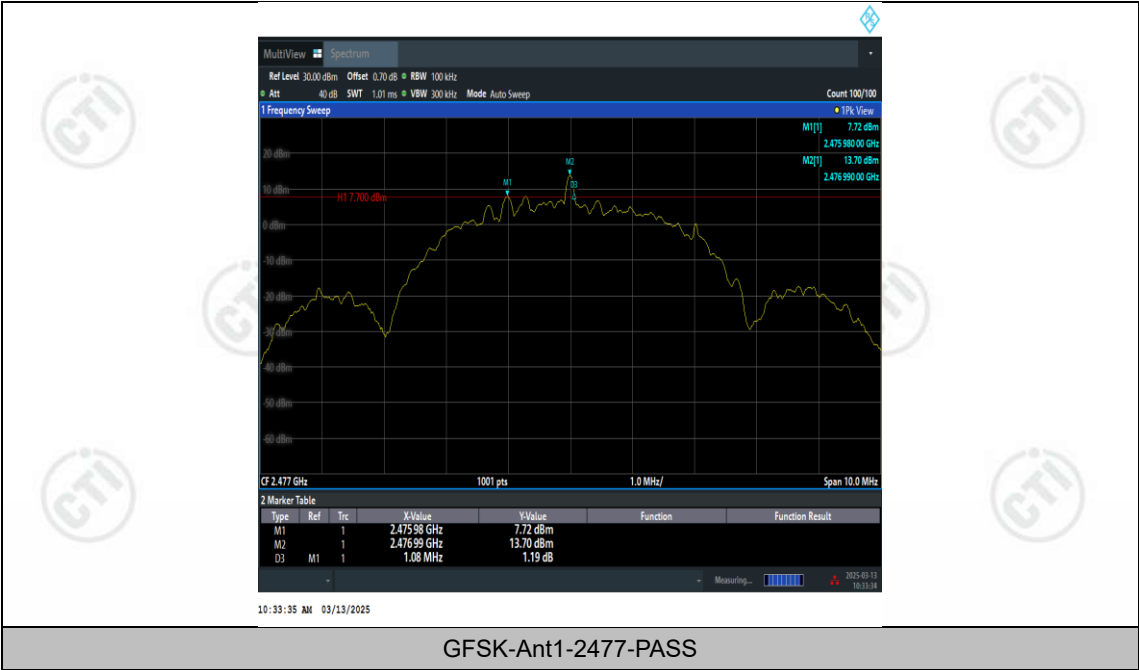
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
GFSK	Ant1	2410	1.10	2408.97	2410.07	0.5	PASS
GFSK	Ant1	2441.5	1.13	2440.46	2441.59	0.5	PASS
GFSK	Ant1	2477	1.08	2475.98	2477.06	0.5	PASS

Test Graphs



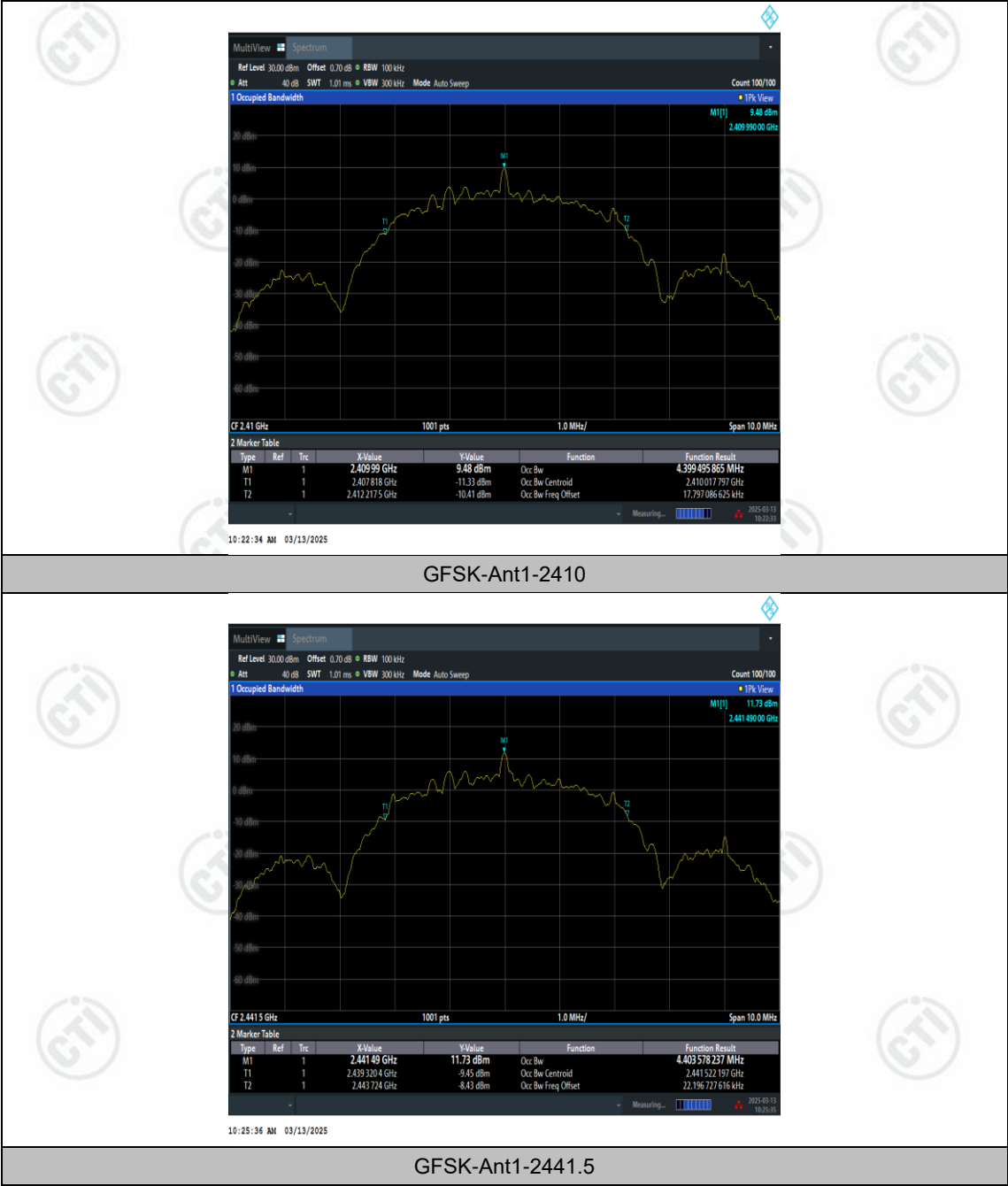


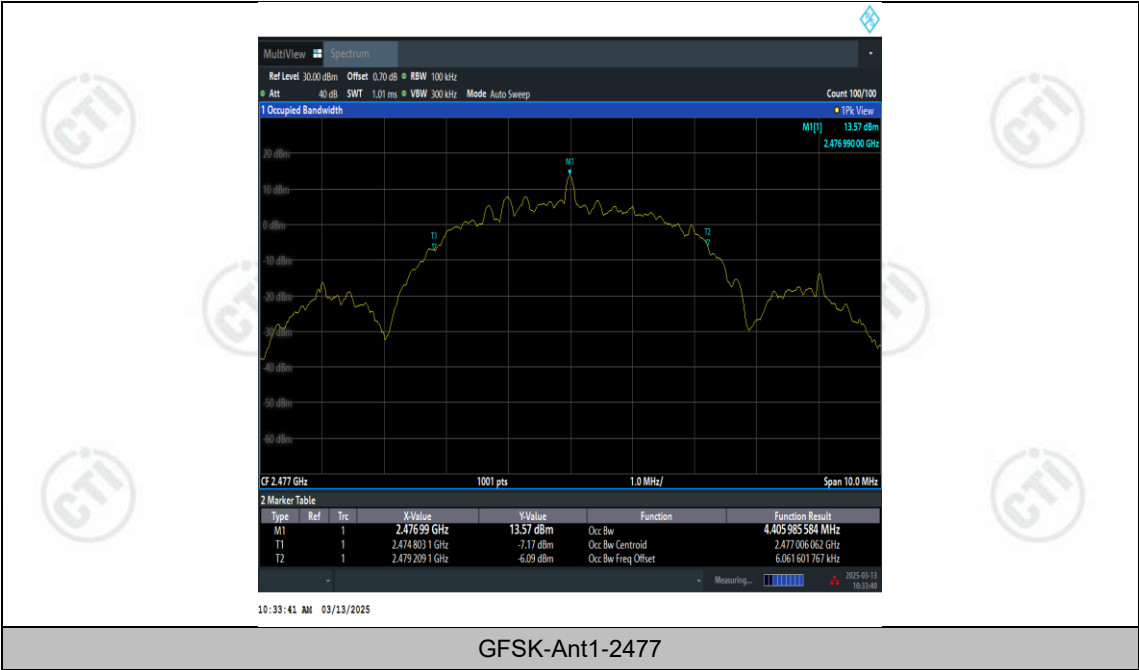
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
GFSK	Ant1	2410	4.399	2407.8180	2412.2175	---	---
GFSK	Ant1	2441.5	4.404	2439.3204	2443.7240	---	---
GFSK	Ant1	2477	4.406	2474.8031	2479.2091	---	---

Test Graphs



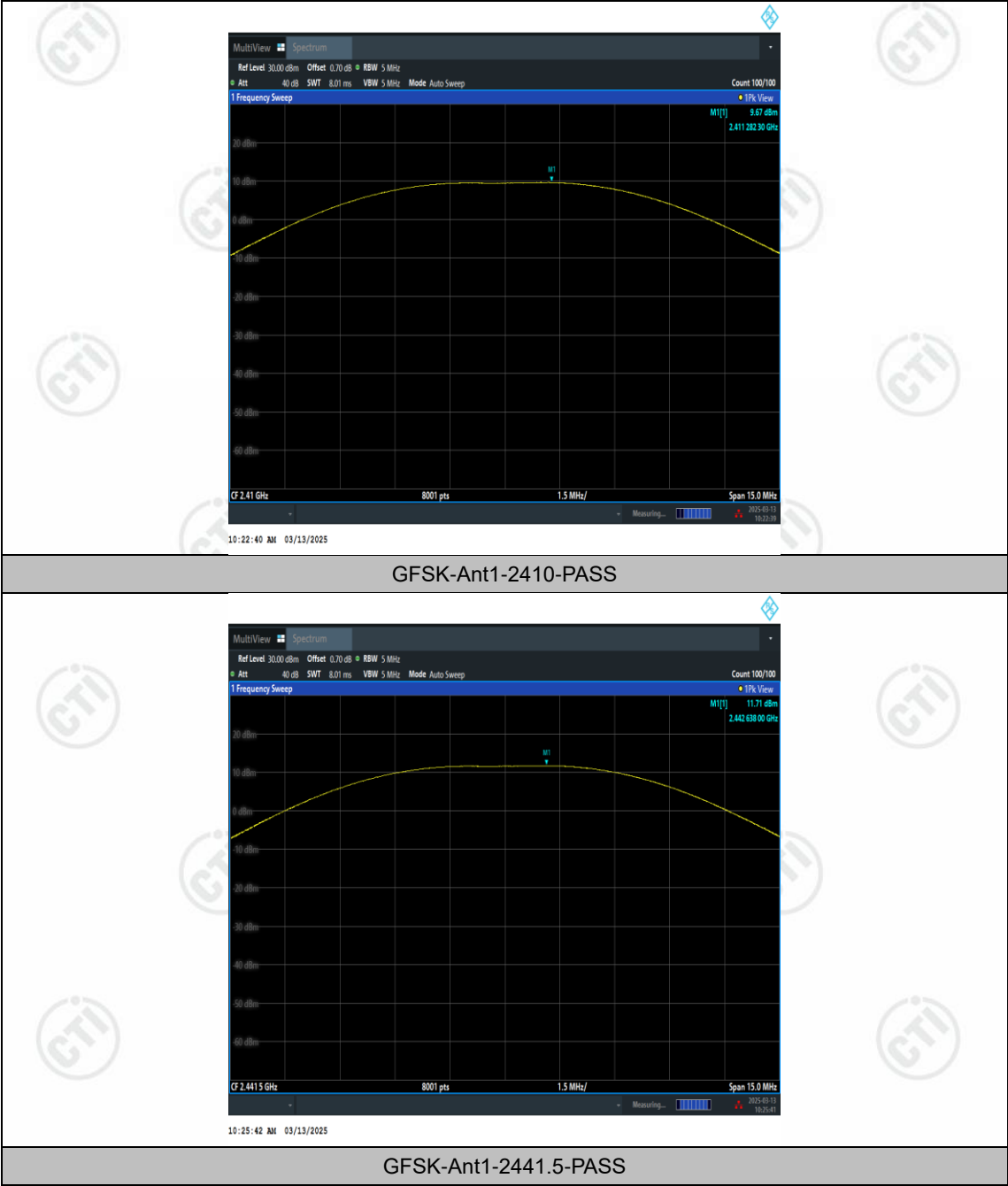


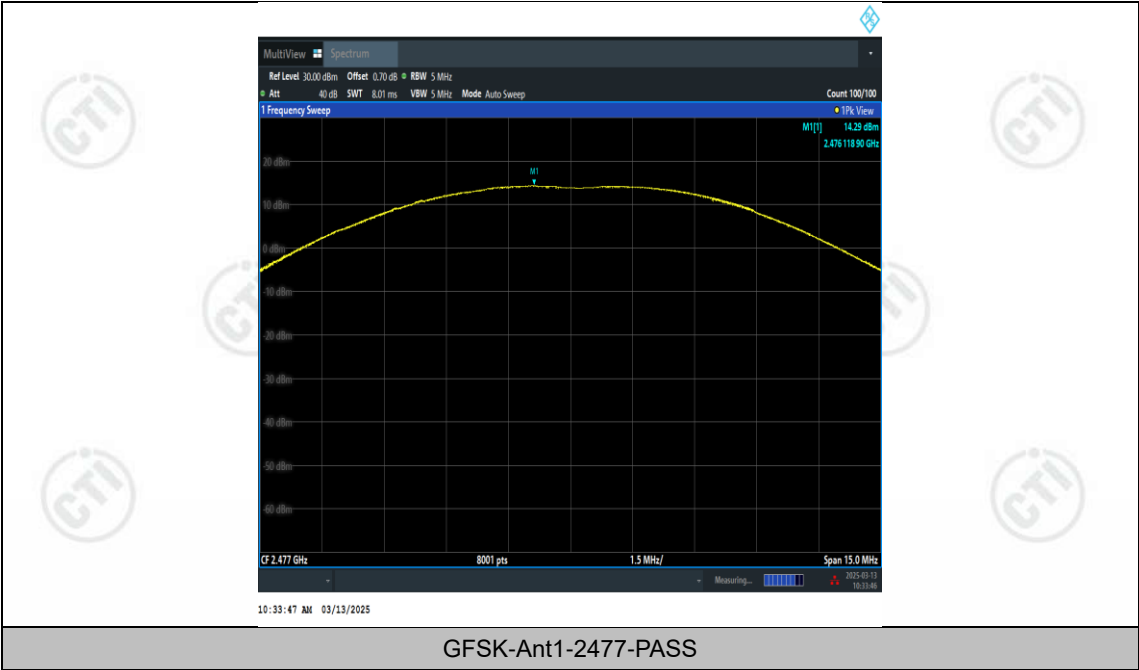
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
GFSK	Ant1	2410	9.67	≤30	PASS
GFSK	Ant1	2441.5	11.71	≤30	PASS
GFSK	Ant1	2477	14.29	≤30	PASS

Test Graphs



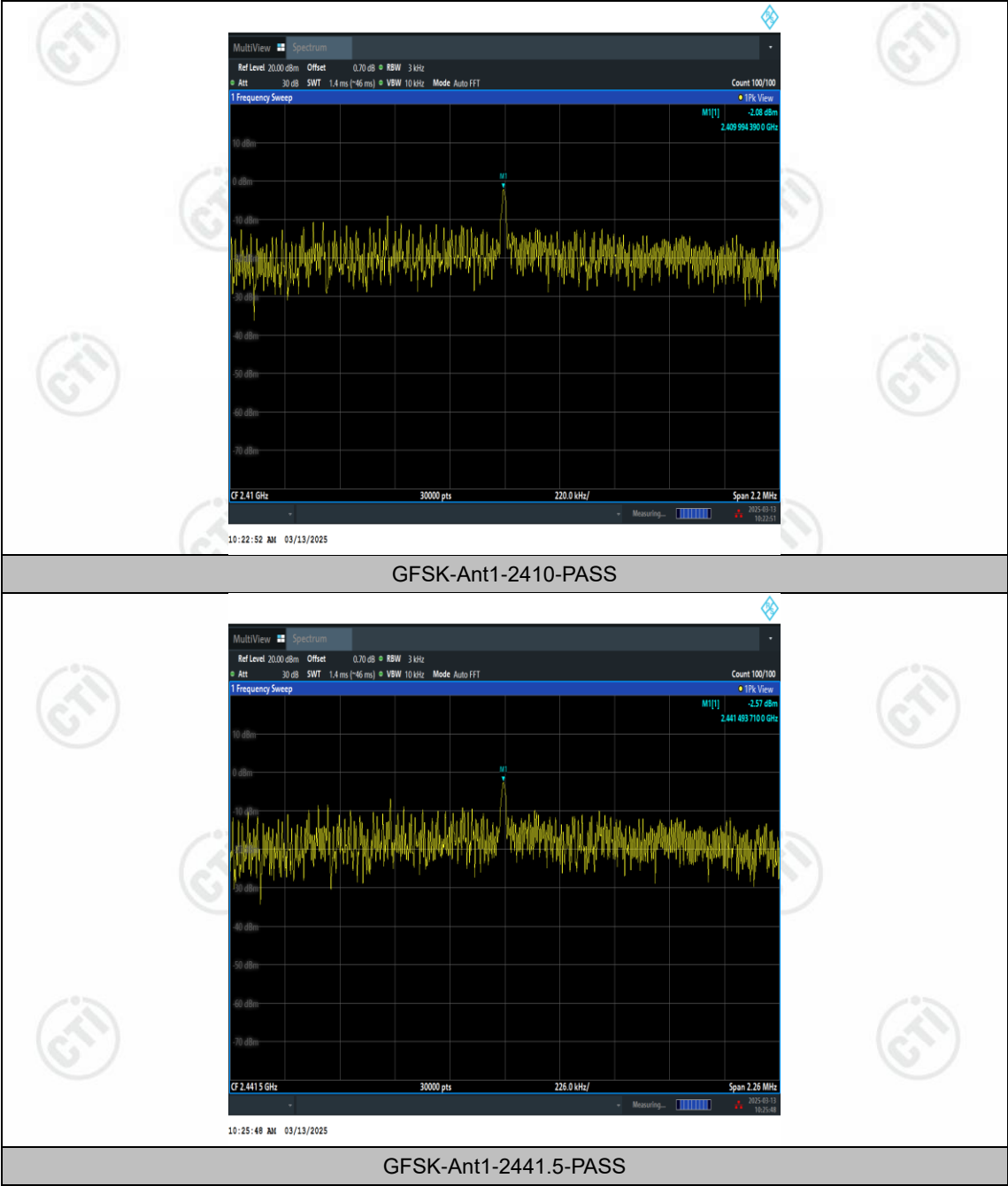


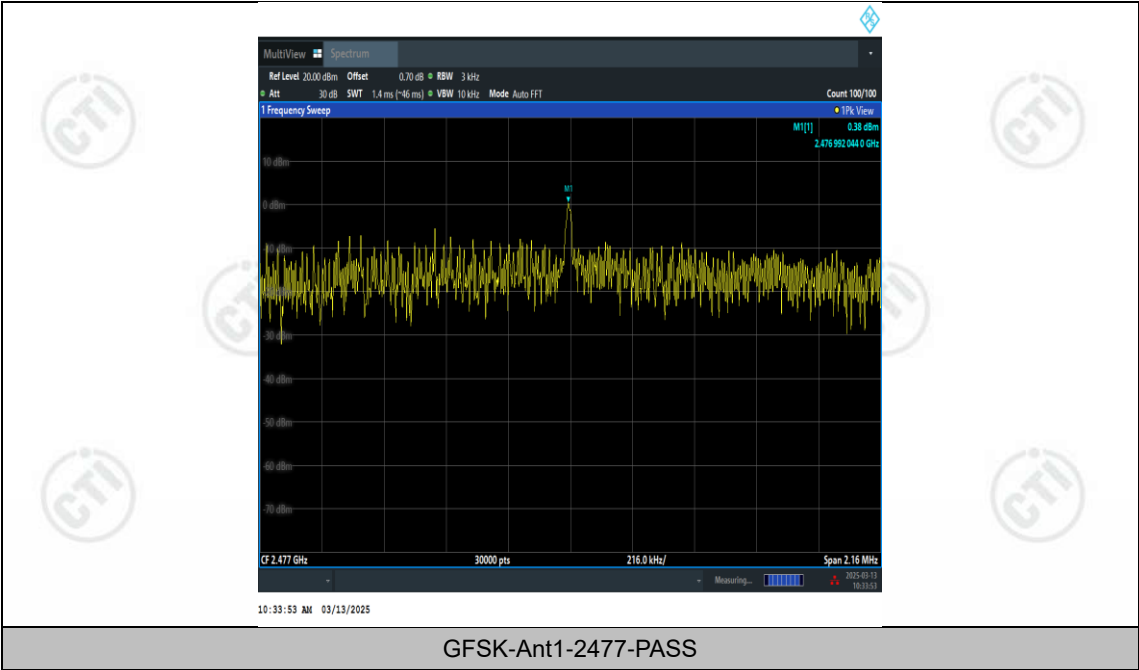
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
GFSK	Ant1	2410	-2.08	≤8.00	PASS
GFSK	Ant1	2441.5	-2.57	≤8.00	PASS
GFSK	Ant1	2477	0.38	≤8.00	PASS

Test Graphs



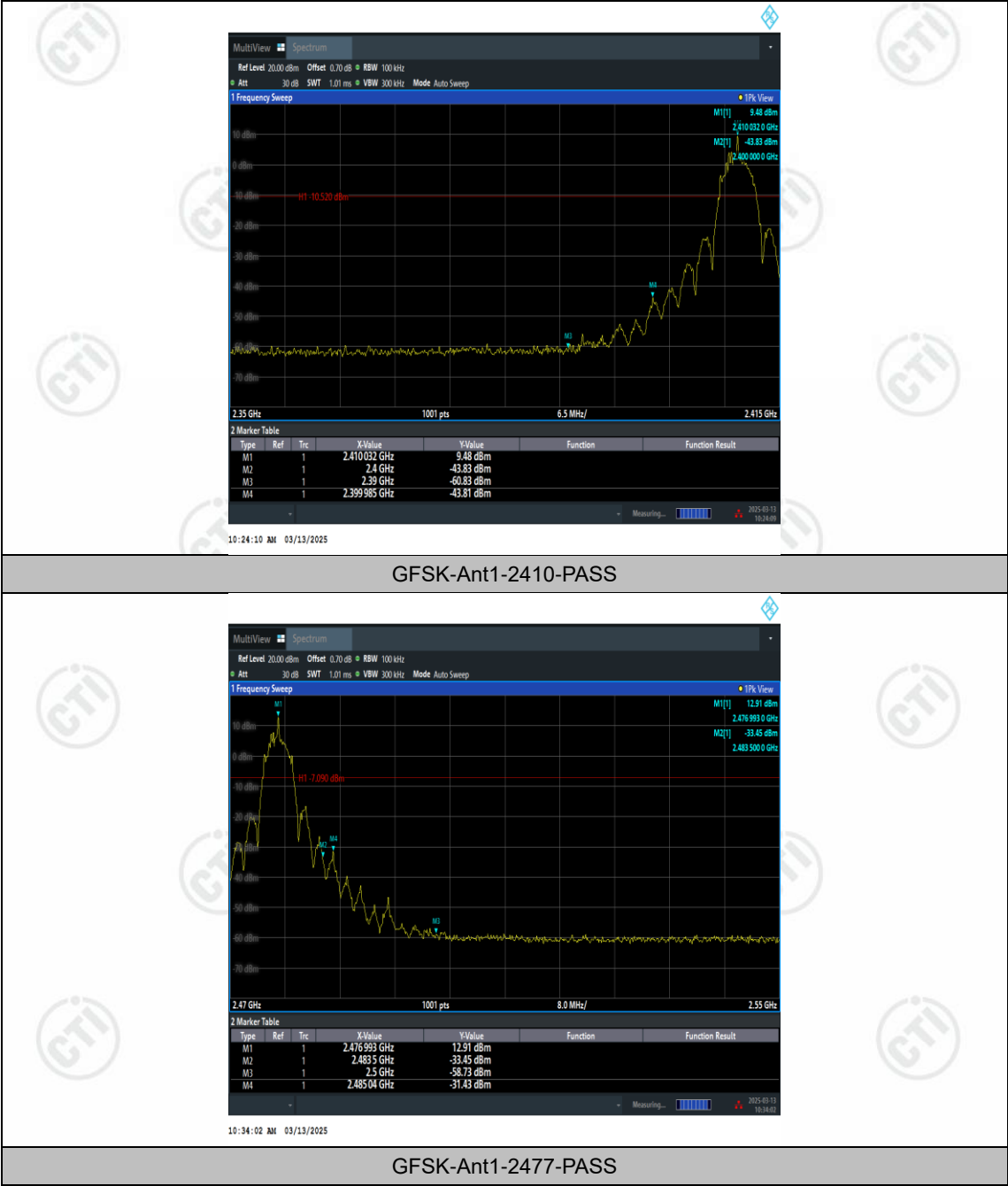


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
GFSK	Ant1	Low	2410	9.48	-43.81	≤-10.52	PASS
GFSK	Ant1	High	2477	12.91	-31.43	≤-7.09	PASS

Test Graphs

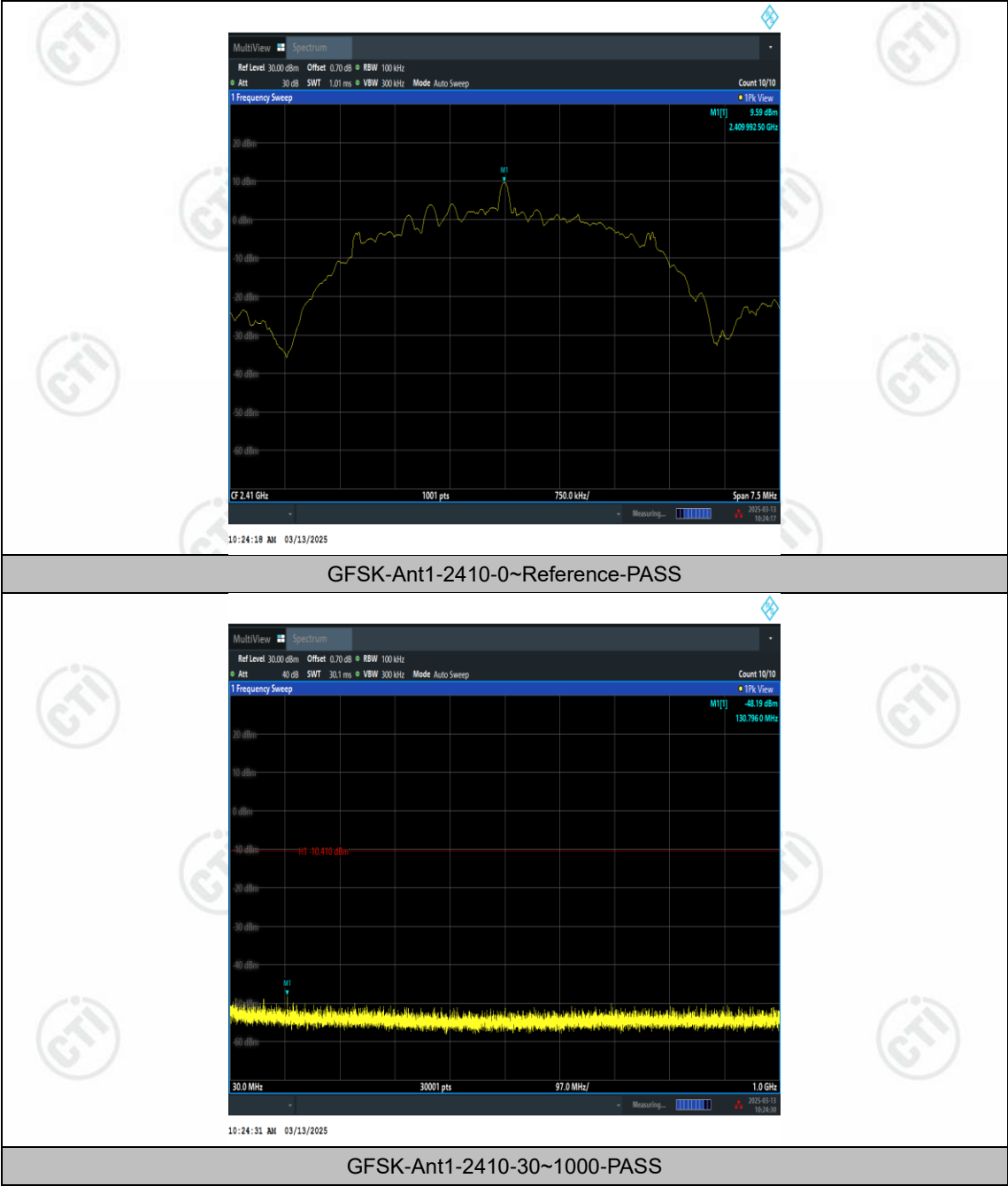


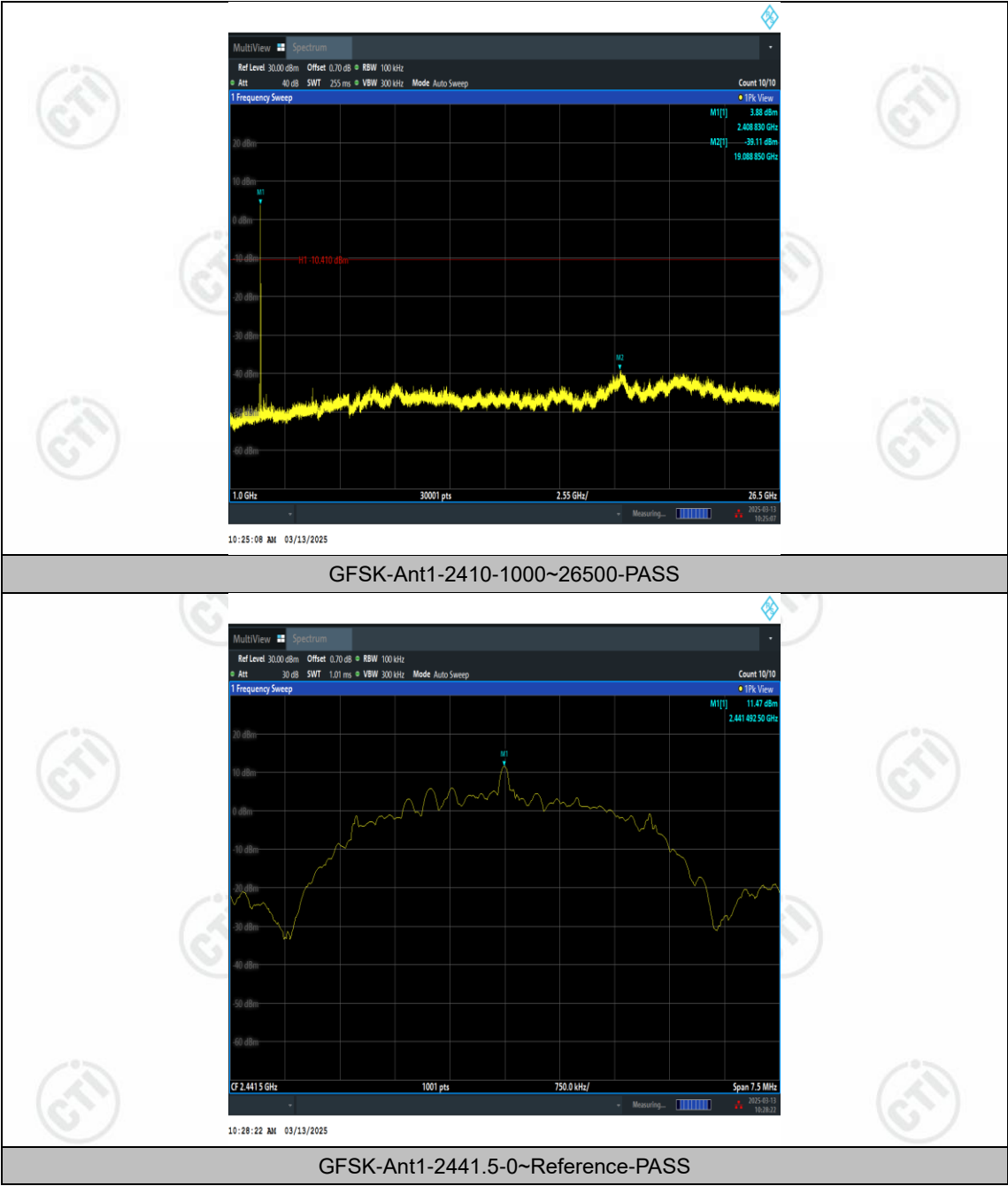
Appendix F: Conducted Spurious Emission

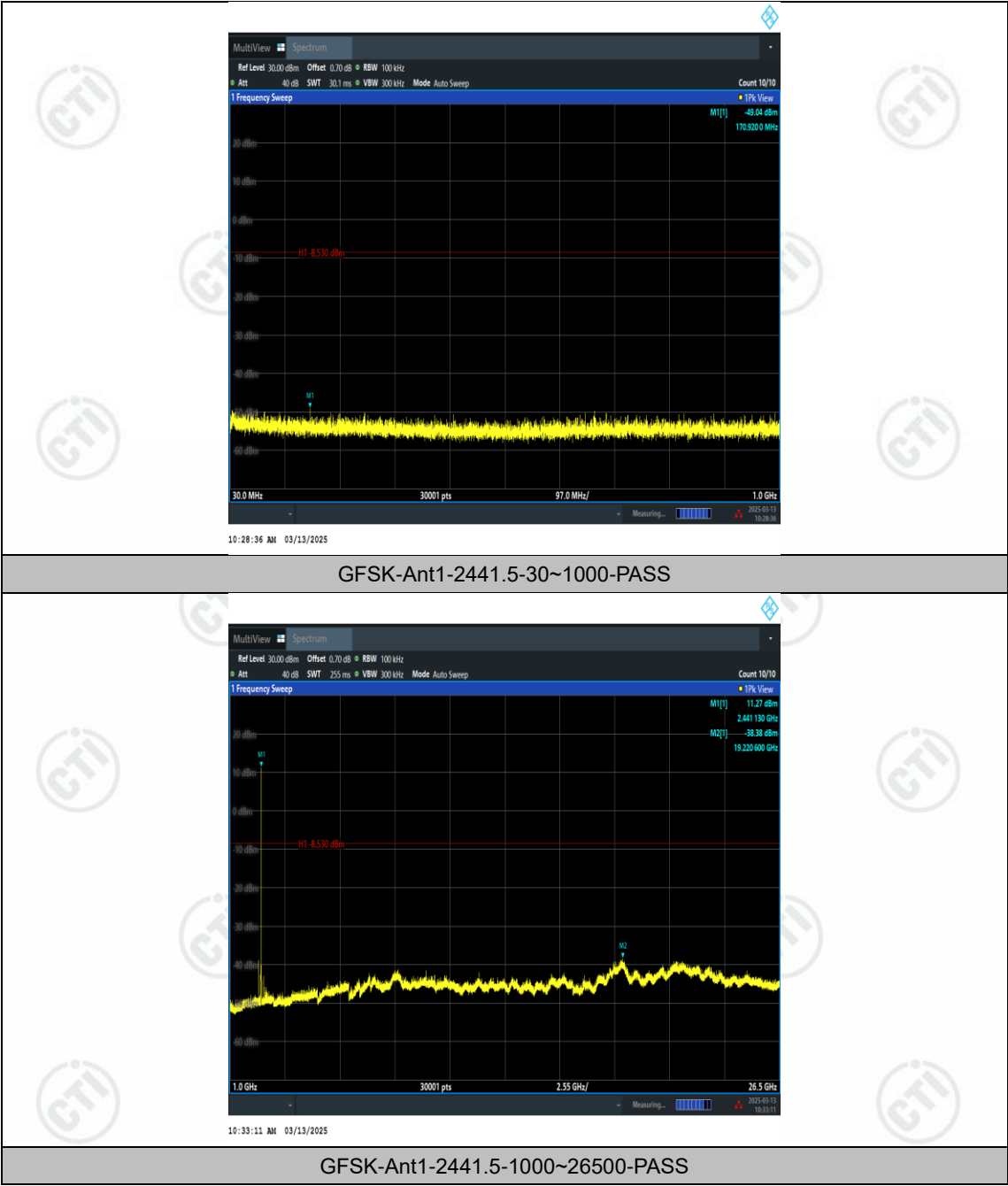
Test Result

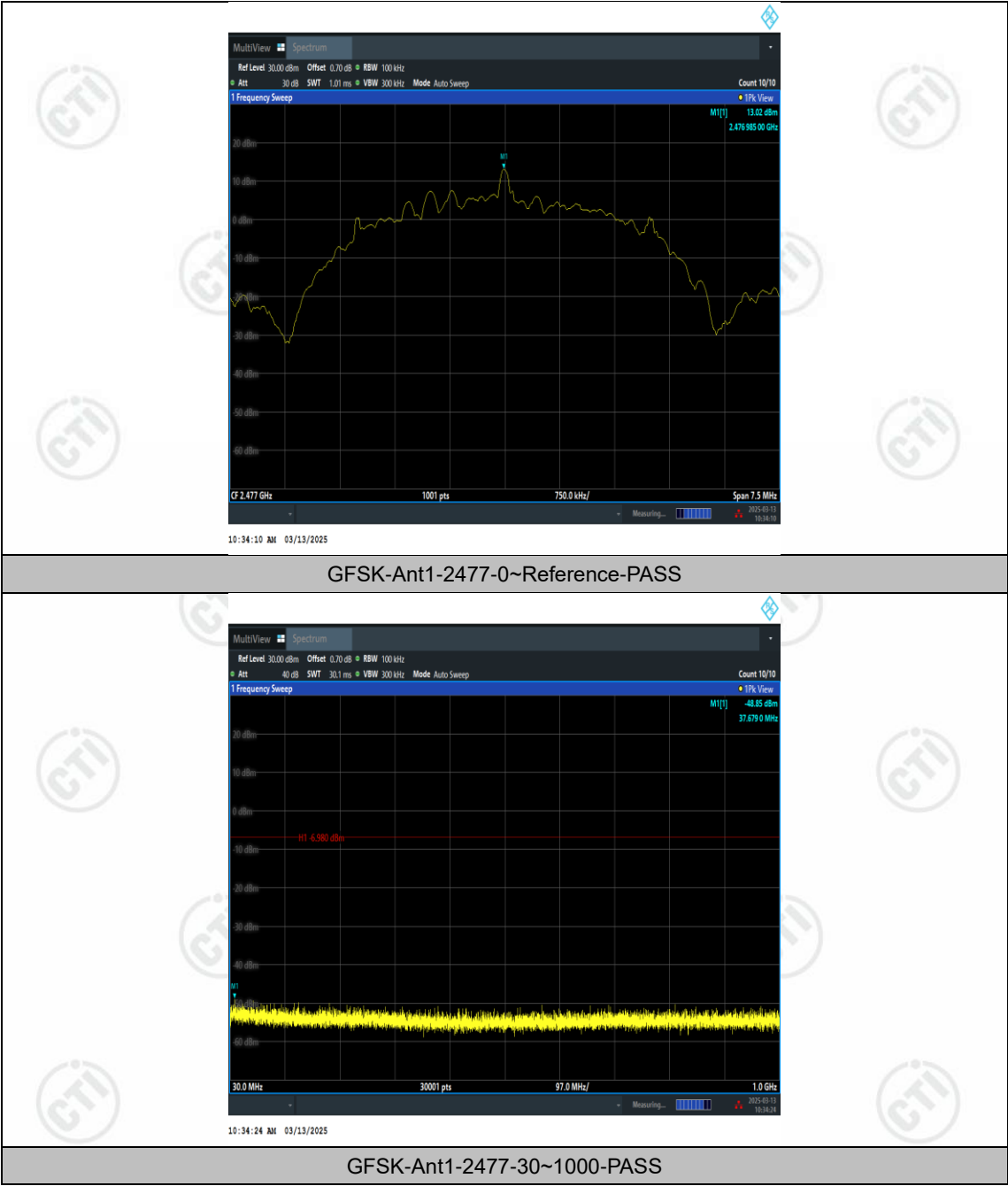
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
GFSK	Ant1	2410	0~Reference	9.59	9.59	---	PASS
GFSK	Ant1	2410	30~1000	9.59	-48.19	≤-10.41	PASS
GFSK	Ant1	2410	1000~26500	9.59	-39.11	≤-10.41	PASS
GFSK	Ant1	2441.5	0~Reference	11.47	11.47	---	PASS
GFSK	Ant1	2441.5	30~1000	11.47	-49.04	≤-8.53	PASS
GFSK	Ant1	2441.5	1000~26500	11.47	-38.38	≤-8.53	PASS
GFSK	Ant1	2477	0~Reference	13.02	13.02	---	PASS
GFSK	Ant1	2477	30~1000	13.02	-48.85	≤-6.98	PASS
GFSK	Ant1	2477	1000~26500	13.02	-39.2	≤-6.98	PASS

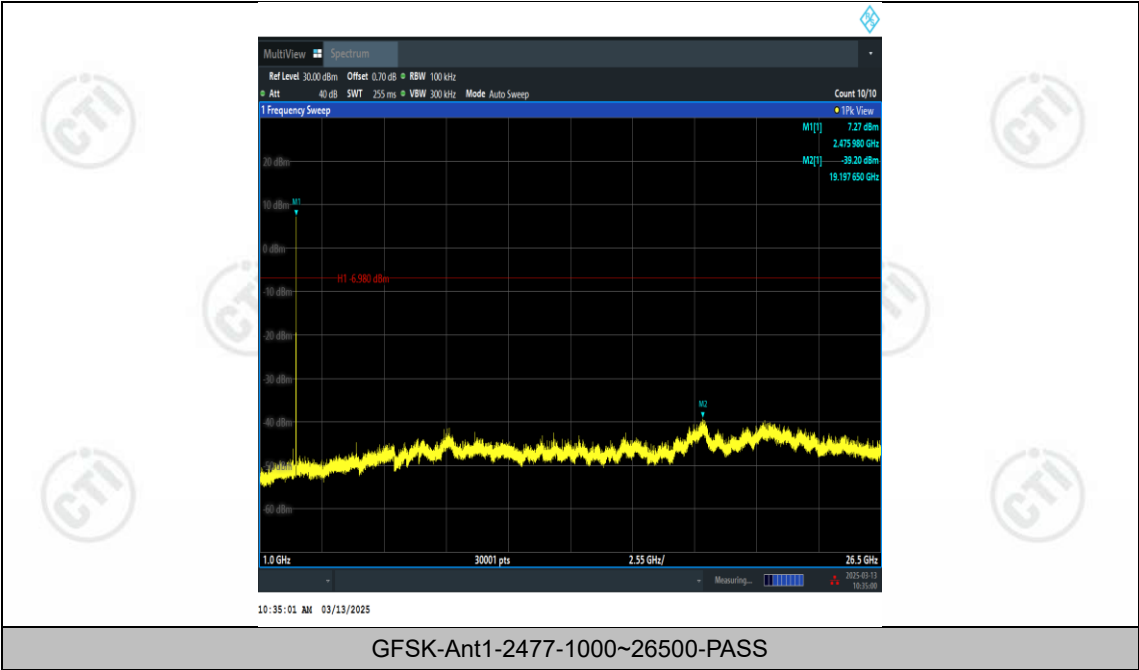
Test Graphs











GFSK-Ant1-2477-1000~26500-PASS

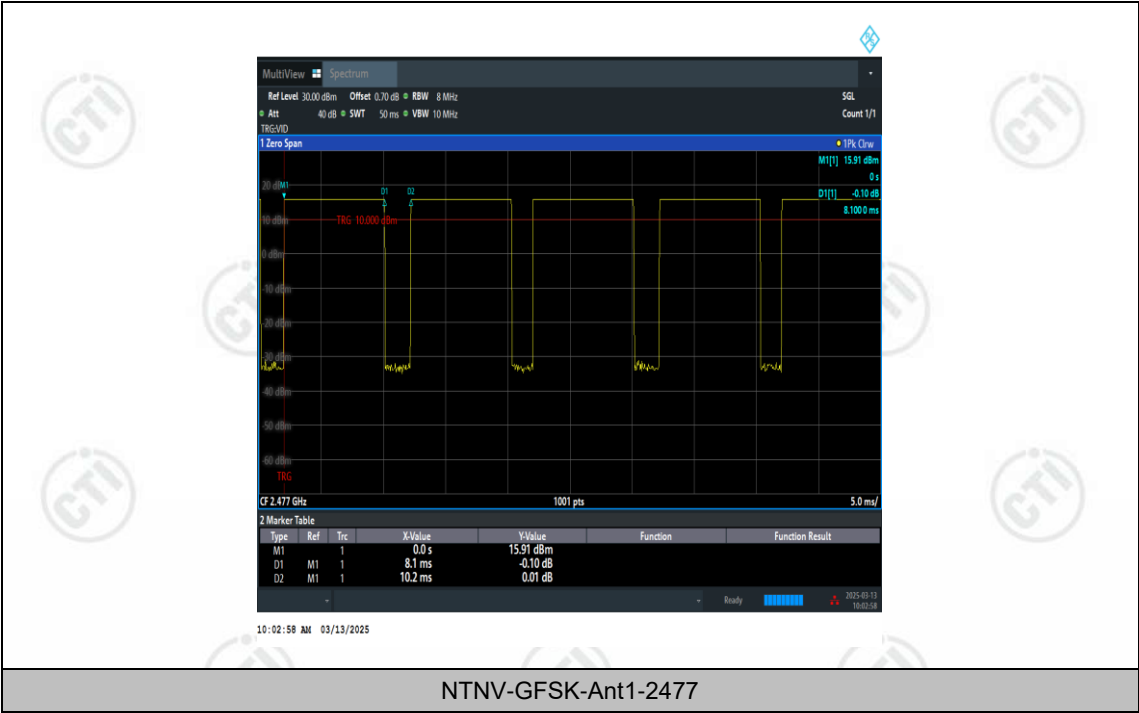
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
GFSK	Ant1	2410	8.10	10.05	80.60	0.94
GFSK	Ant1	2441.5	8.10	10.05	80.60	0.94
GFSK	Ant1	2477	8.10	10.20	79.41	1.00

Test Graphs





*** End of Report ***