

Appendix Test Data for SRD (Conducted Measurement)

Product Name: BLITZ DRIFTER

Trade Mark: /

Test Model: TG1028

FCC ID: QV7-GC88752-109

Environmental Conditions

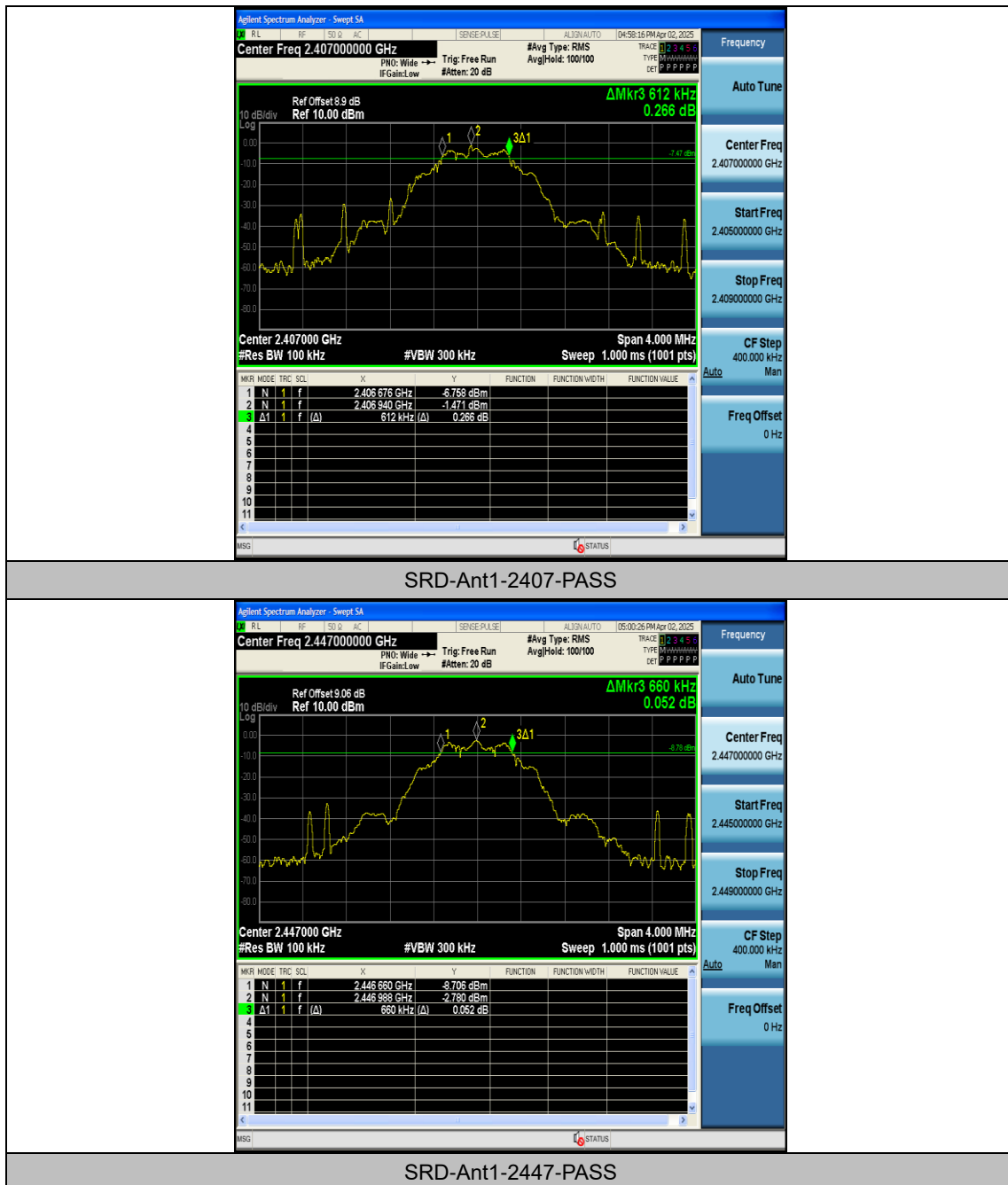
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2407	0.612	2406.676	2407.288	0.5	PASS
SRD	Ant1	2447	0.660	2446.660	2447.320	0.5	PASS
SRD	Ant1	2477	0.668	2476.652	2477.320	0.5	PASS

Test Graphs





Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2407	1.0350	2406.4579	2407.4929	---	---
SRD	Ant1	2447	1.0239	2446.4853	2447.5092	---	---
SRD	Ant1	2477	1.0354	2476.4723	2477.5077	---	---

Test Graphs



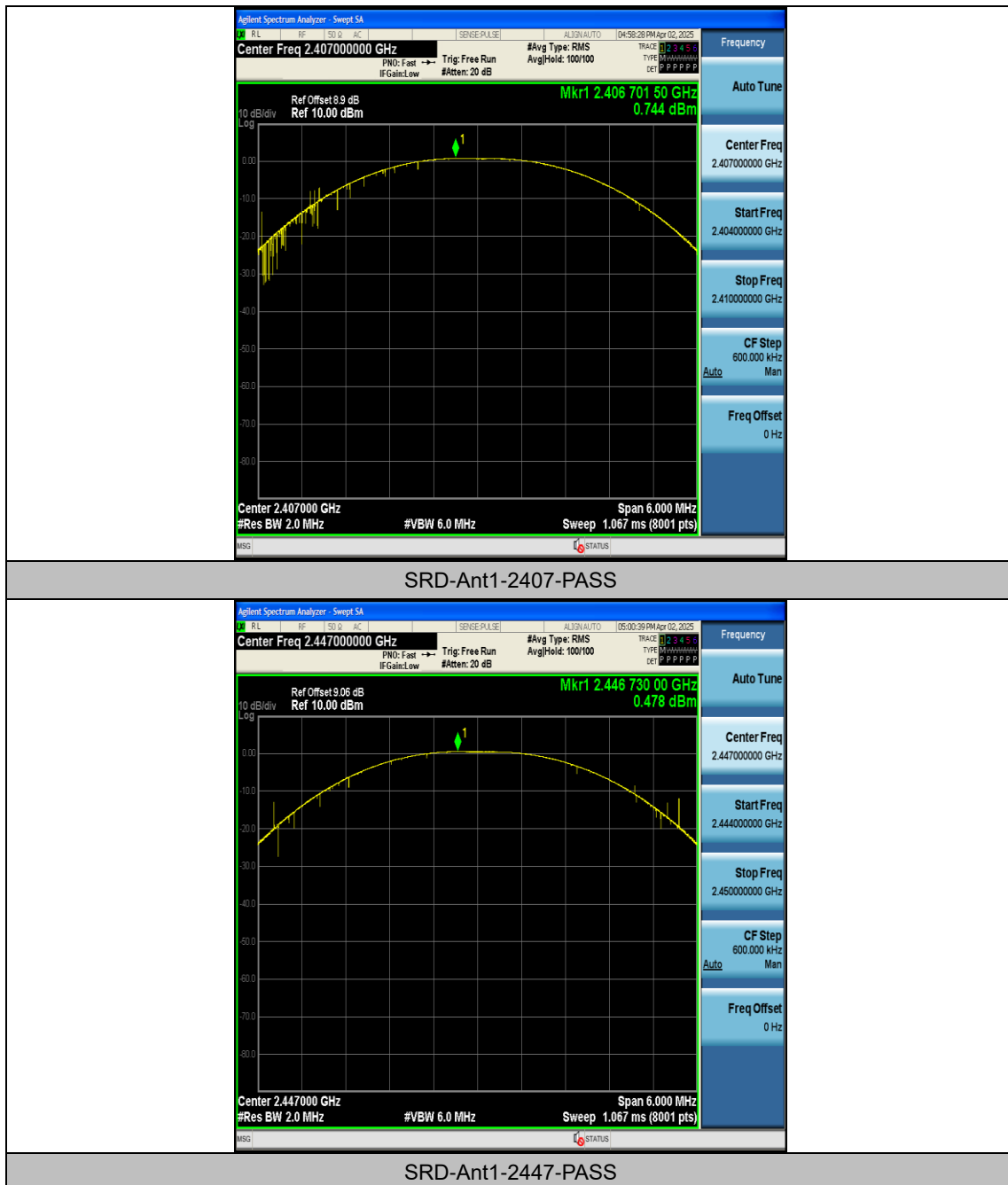


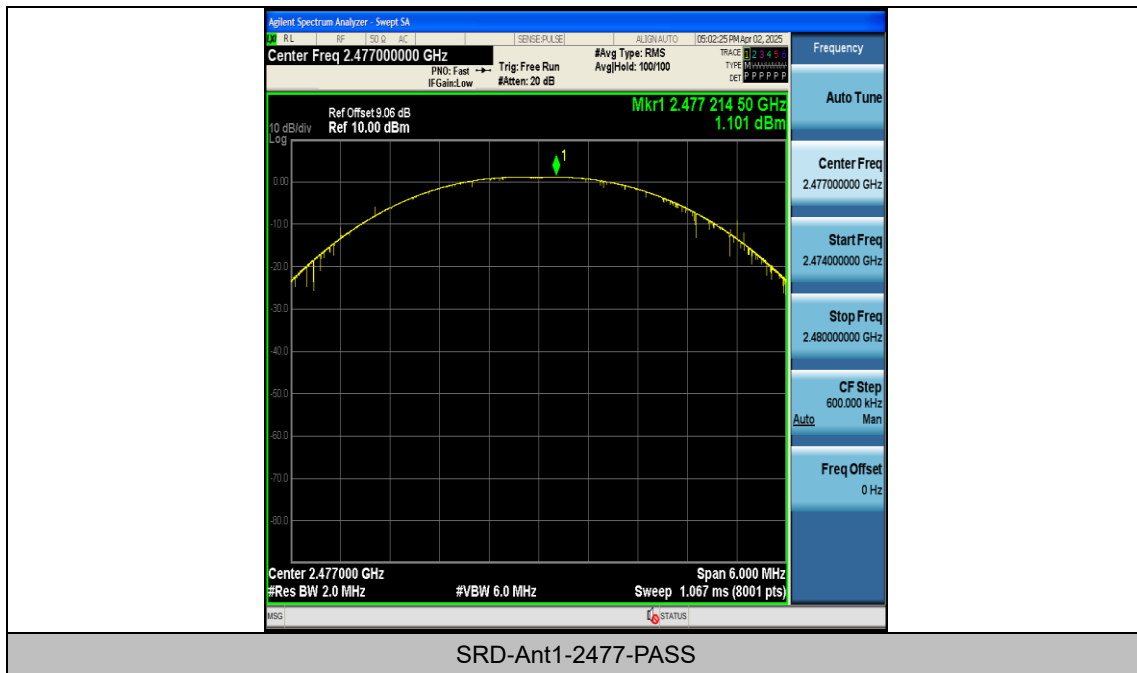
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2407	0.74	≤30	PASS
SRD	Ant1	2447	0.48	≤30	PASS
SRD	Ant1	2477	1.10	≤30	PASS

Test Graphs Peak



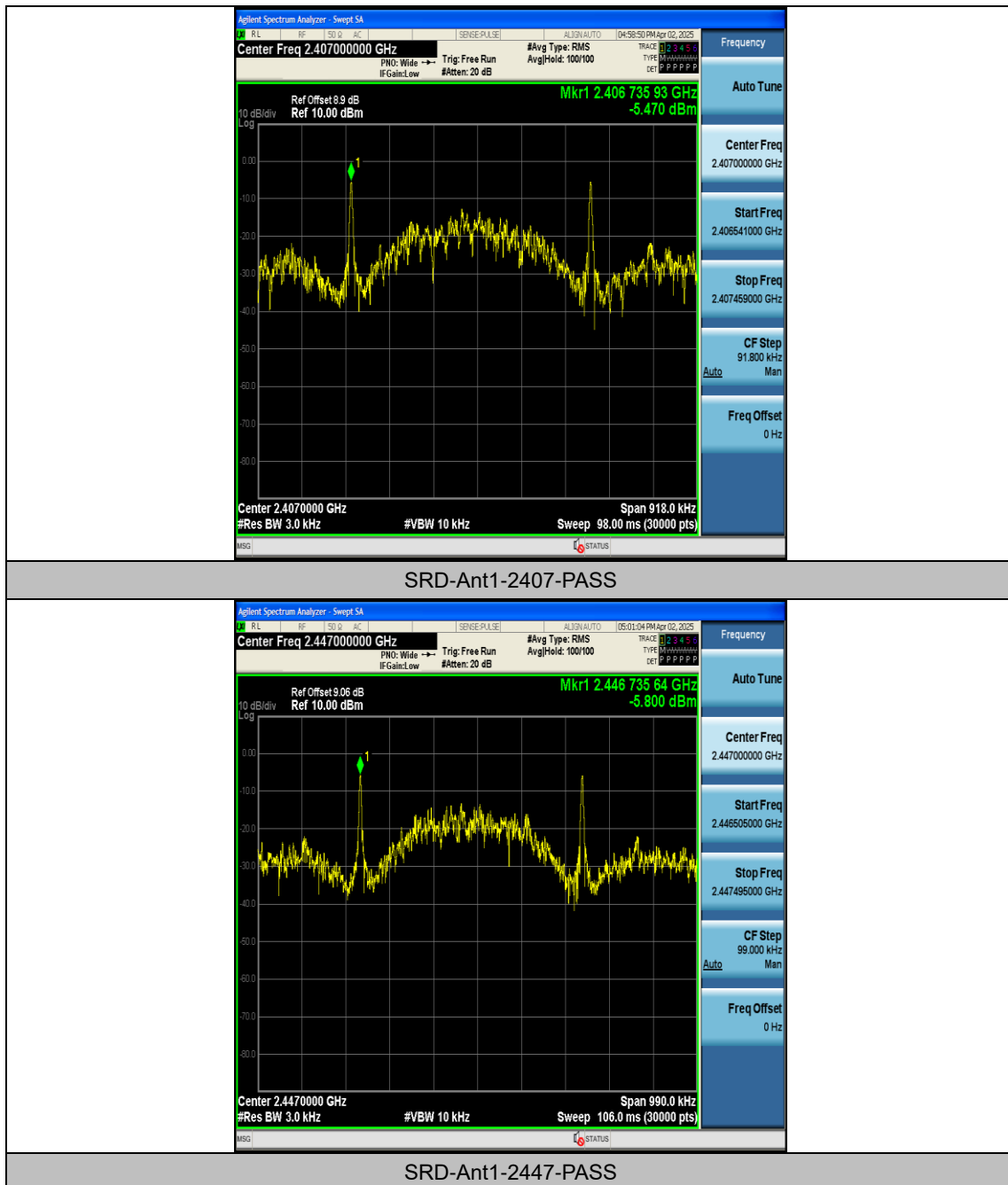


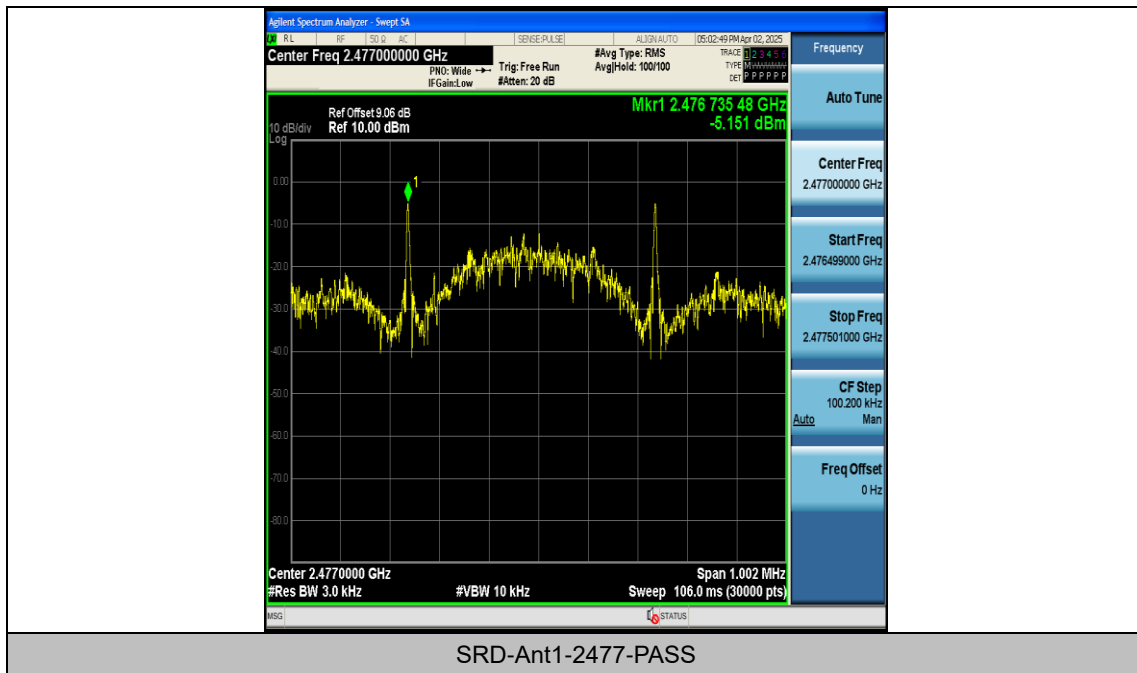
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2407	-5.47	≤8.00	PASS
SRD	Ant1	2447	-5.80	≤8.00	PASS
SRD	Ant1	2477	-5.15	≤8.00	PASS

Test Graphs



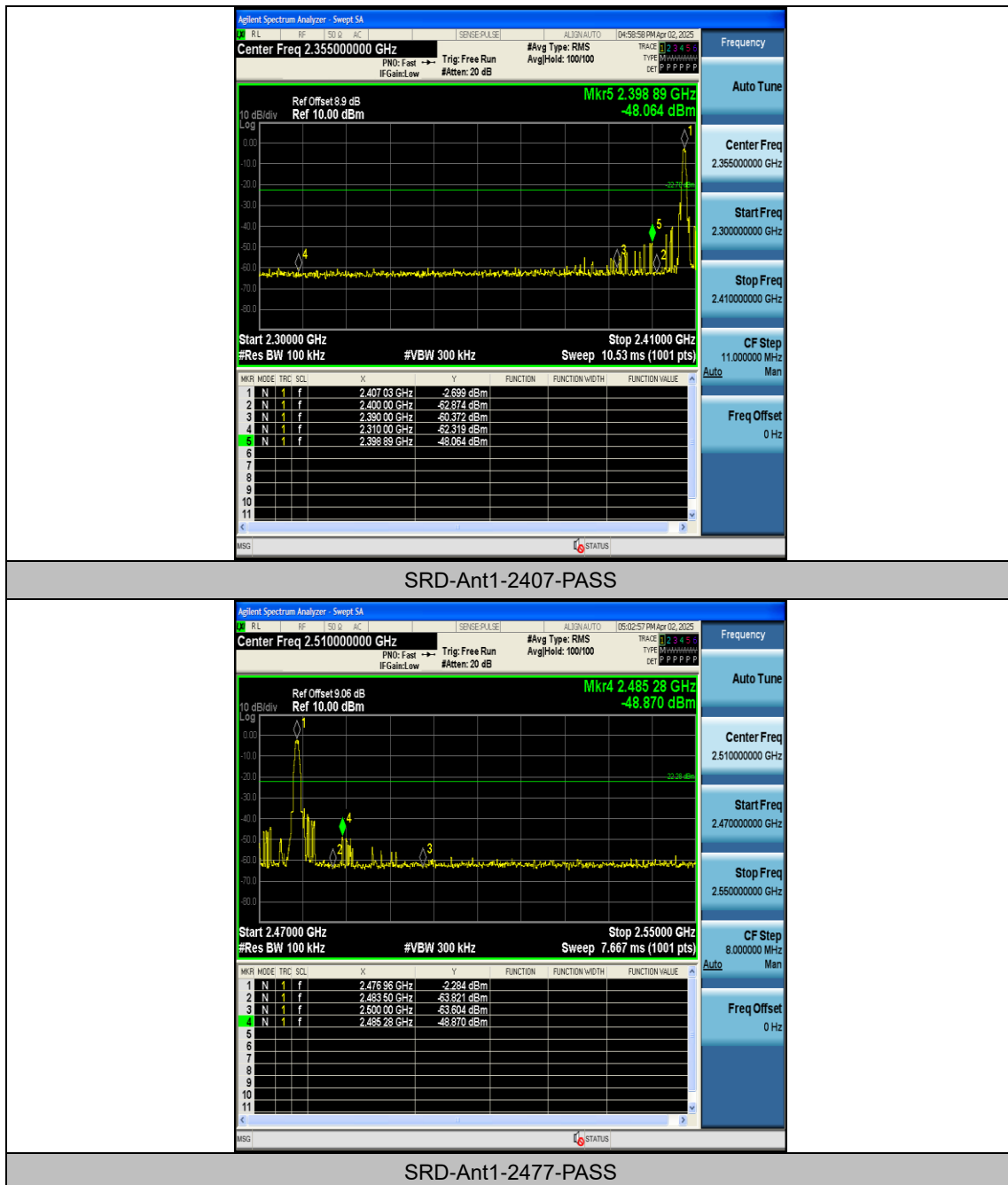


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2407	-2.70	-48.06	≤ -22.7	PASS
SRD	Ant1	High	2477	-2.28	-48.87	≤ -22.28	PASS

Test Graphs

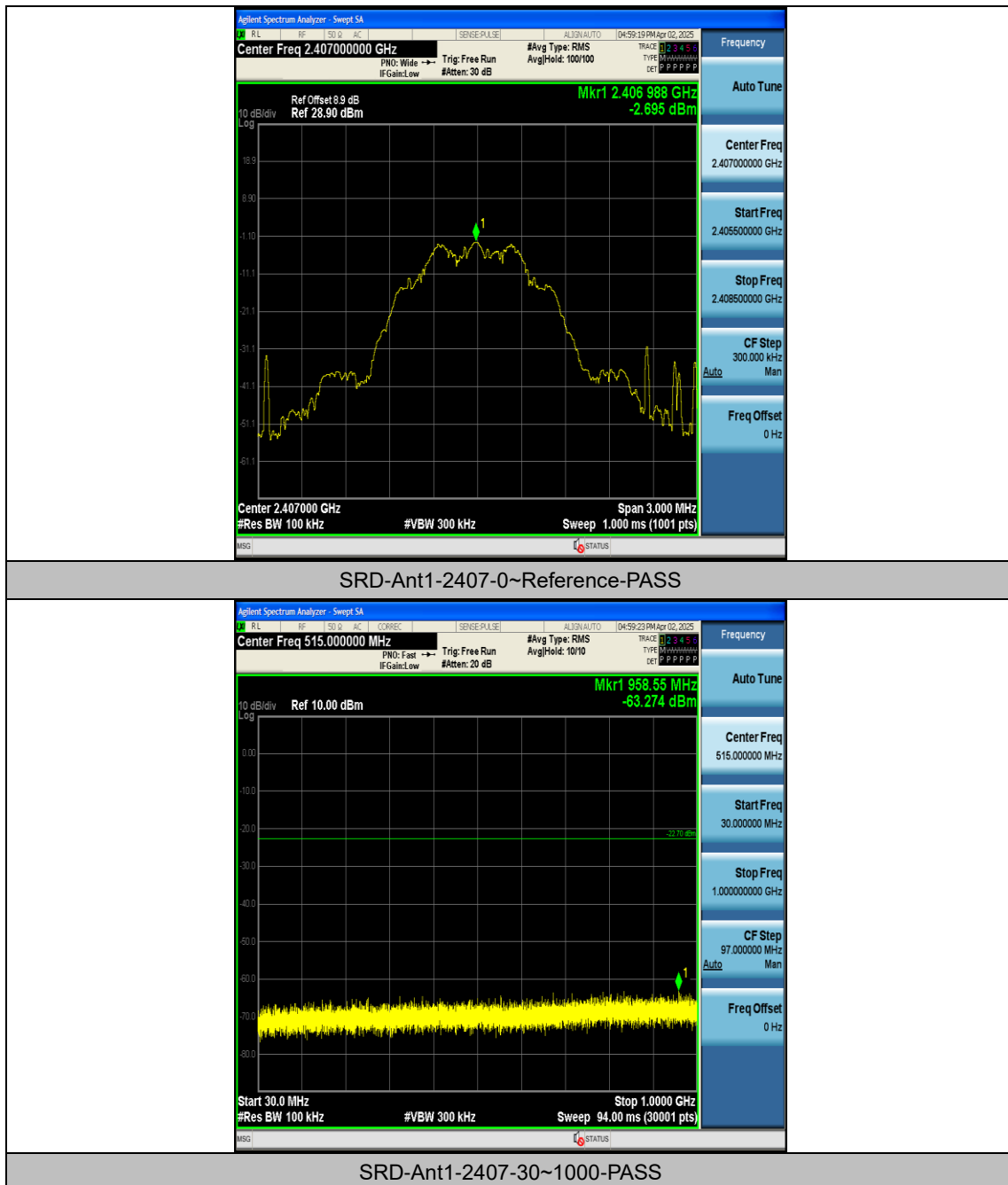


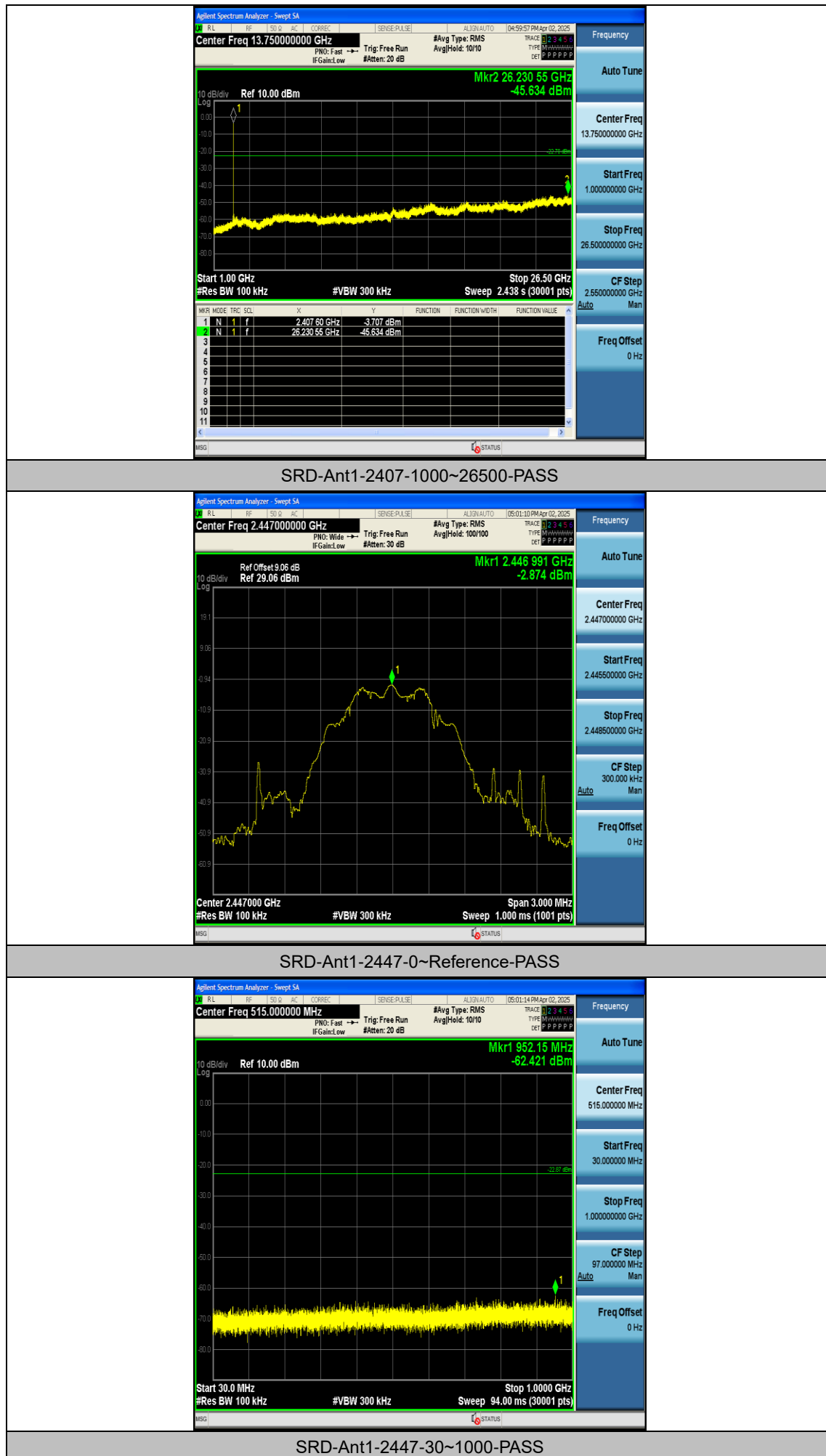
Appendix F: Conducted Spurious Emission

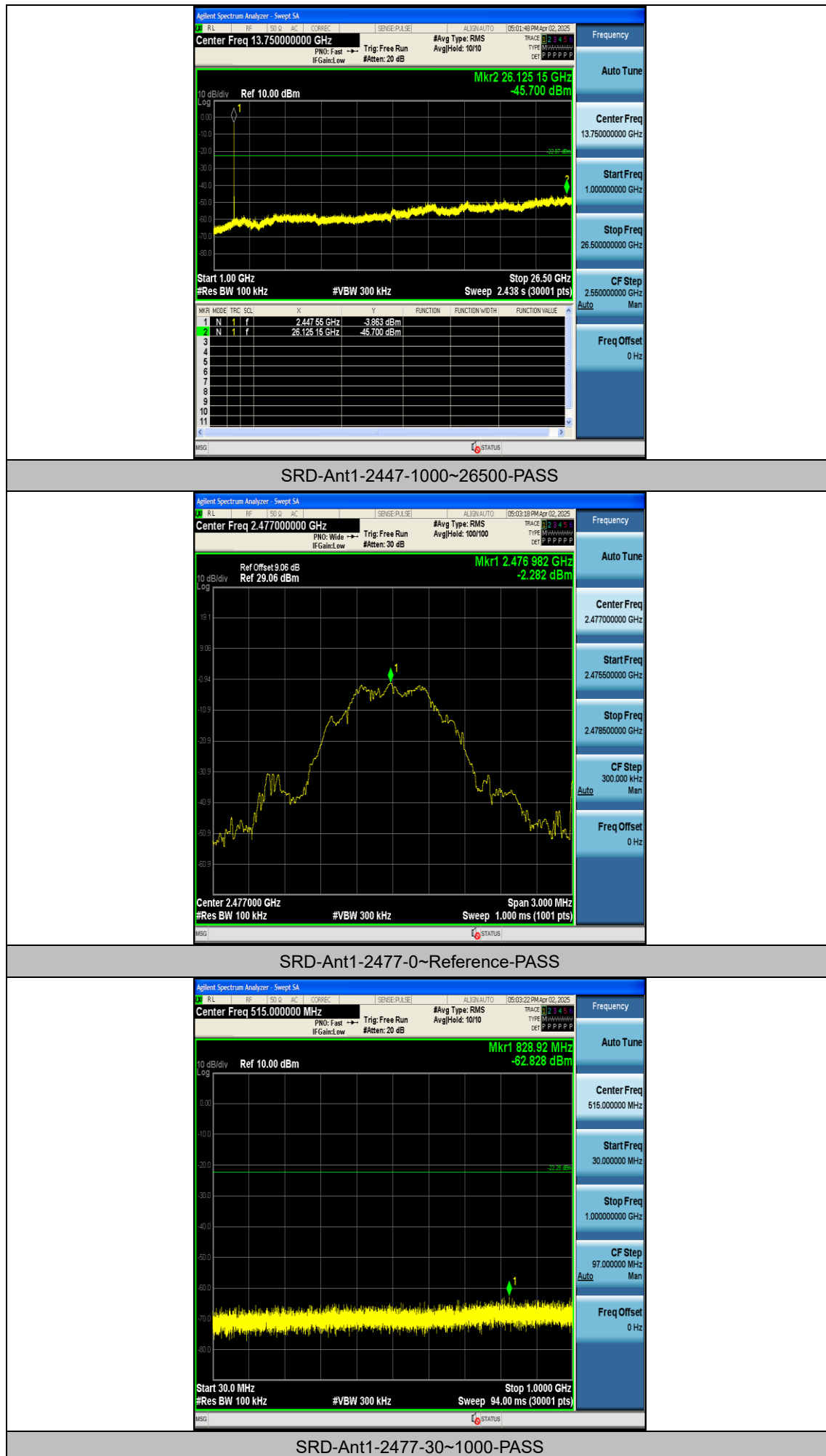
Test Result

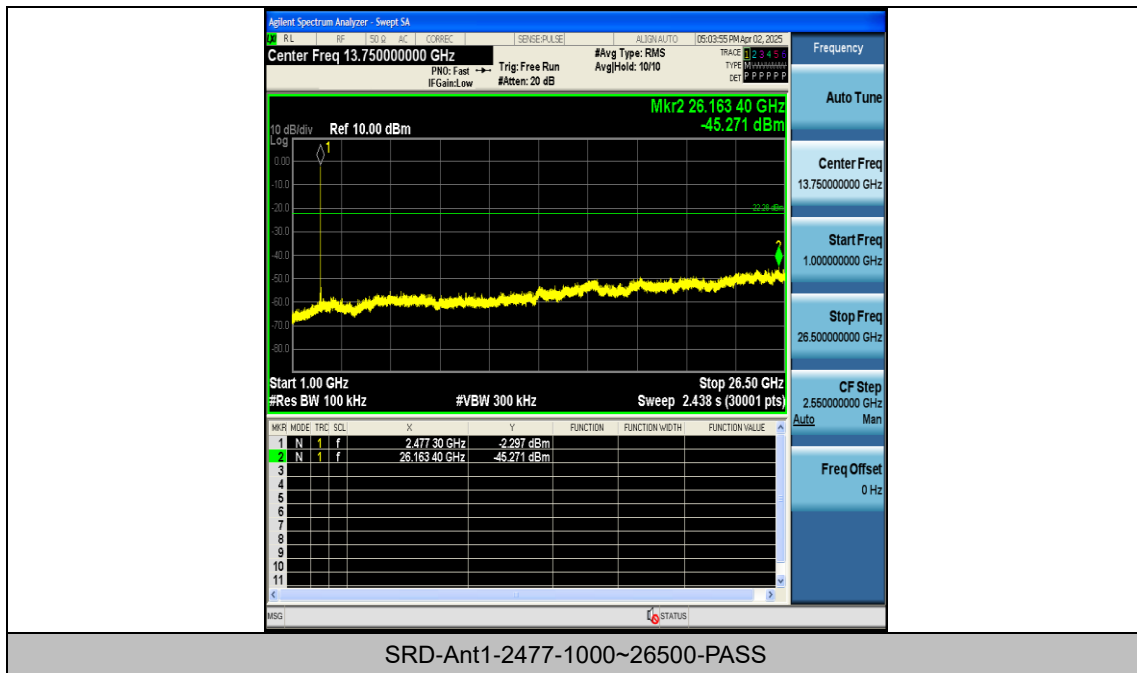
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2407	0~Reference	-2.70	-2.70	---	PASS
SRD	Ant1	2407	30~1000	-2.70	-63.27	≤ -22.7	PASS
SRD	Ant1	2407	1000~26500	-2.70	-45.63	≤ -22.7	PASS
SRD	Ant1	2447	0~Reference	-2.87	-2.87	---	PASS
SRD	Ant1	2447	30~1000	-2.87	-62.42	≤ -22.87	PASS
SRD	Ant1	2447	1000~26500	-2.87	-45.7	≤ -22.87	PASS
SRD	Ant1	2477	0~Reference	-2.28	-2.28	---	PASS
SRD	Ant1	2477	30~1000	-2.28	-62.83	≤ -22.28	PASS
SRD	Ant1	2477	1000~26500	-2.28	-45.27	≤ -22.28	PASS

Test Graphs









Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
SRD	Ant1	2407	1.44	19.64	7.33	11.35
SRD	Ant1	2447	1.44	19.60	7.35	11.34
SRD	Ant1	2477	1.40	19.60	7.14	11.46

Test Graphs

