

Appendix Test Data for SRD (Conducted Measurement)

Product Name: R/C toys

Trade Mark: /

Test Model: LY-018

FCC ID: 2BK33-LY-018

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	2405	0.660	2404.996	2405.656	0.5	PASS
SRD	Ant1	2445	0.684	2444.988	2445.672	0.5	PASS
SRD	Ant1	2475	0.688	2474.984	2475.672	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	2405	1.1769	2404.7451	2405.9220	---	---
SRD	Ant1	2445	1.1697	2444.7565	2445.9262	---	---
SRD	Ant1	2475	1.1803	2474.7588	2475.9391	---	---

Test Graphs



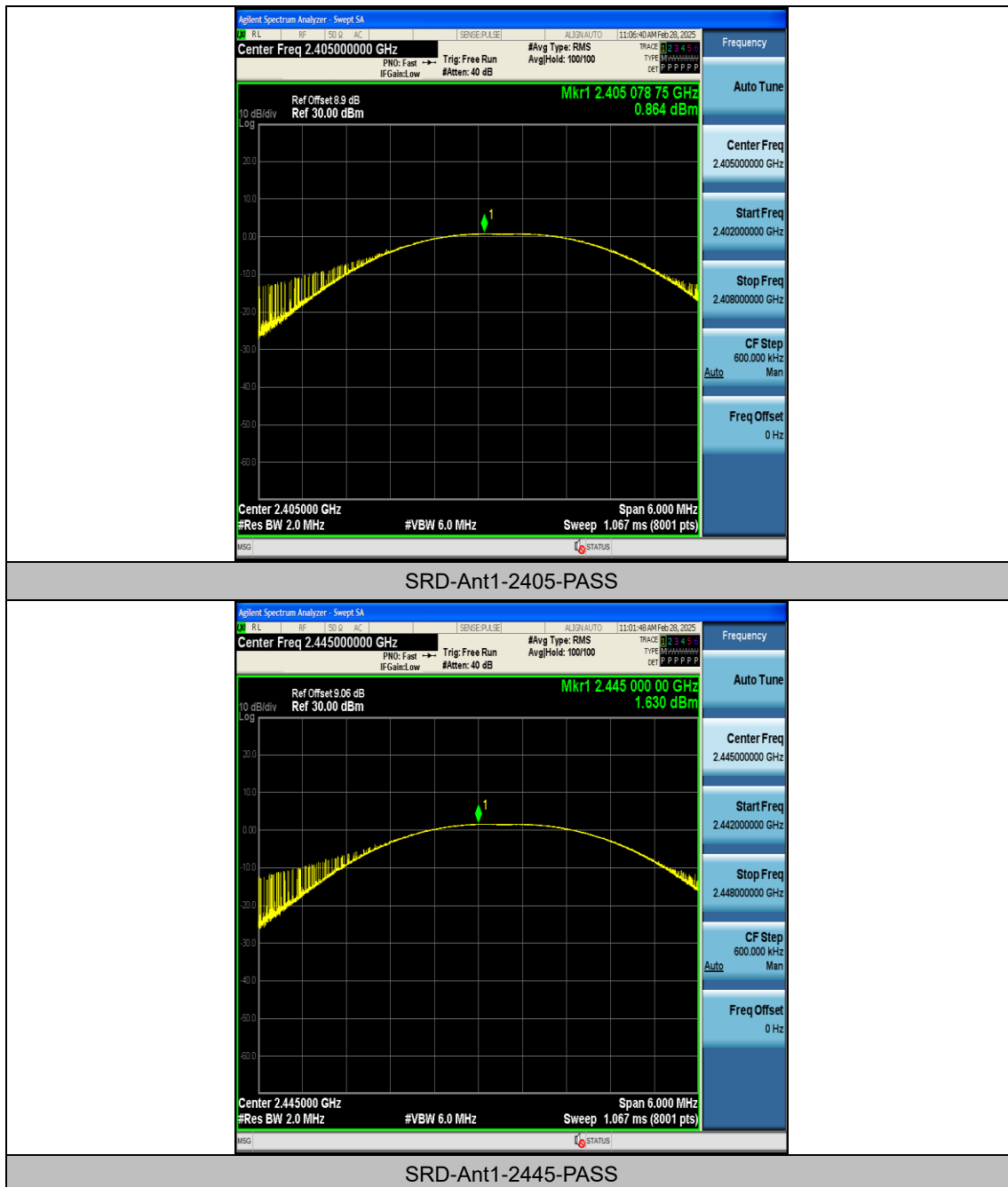


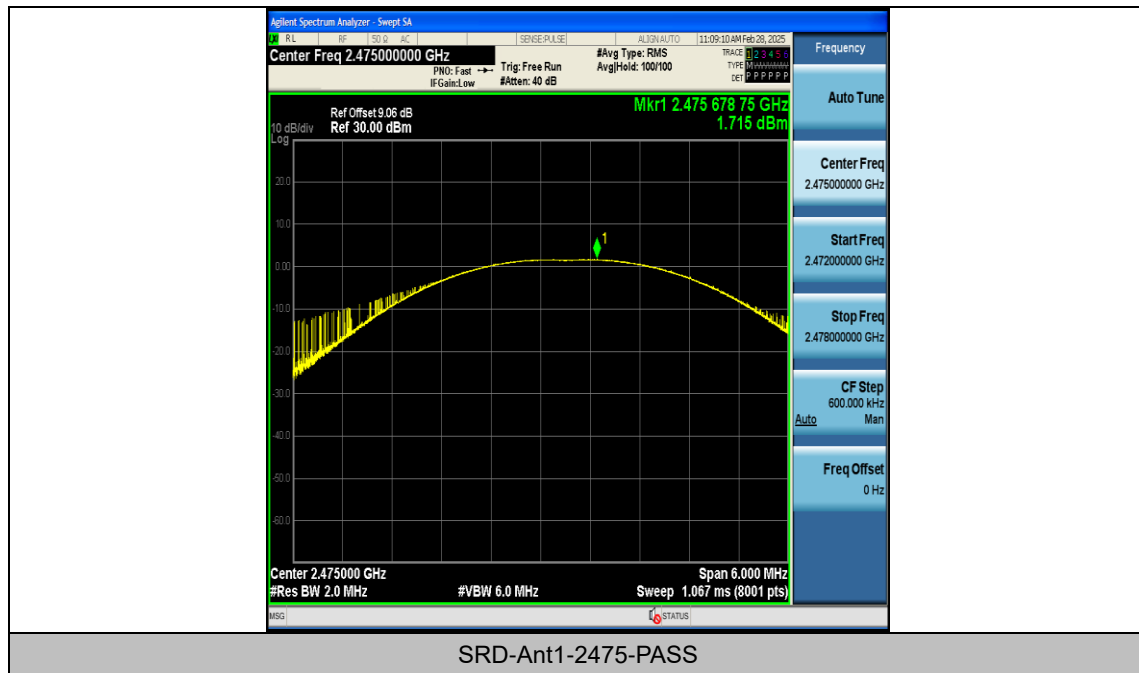
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2405	0.86	≤30	PASS
SRD	Ant1	2445	1.63	≤30	PASS
SRD	Ant1	2475	1.72	≤30	PASS

Test Graphs Peak



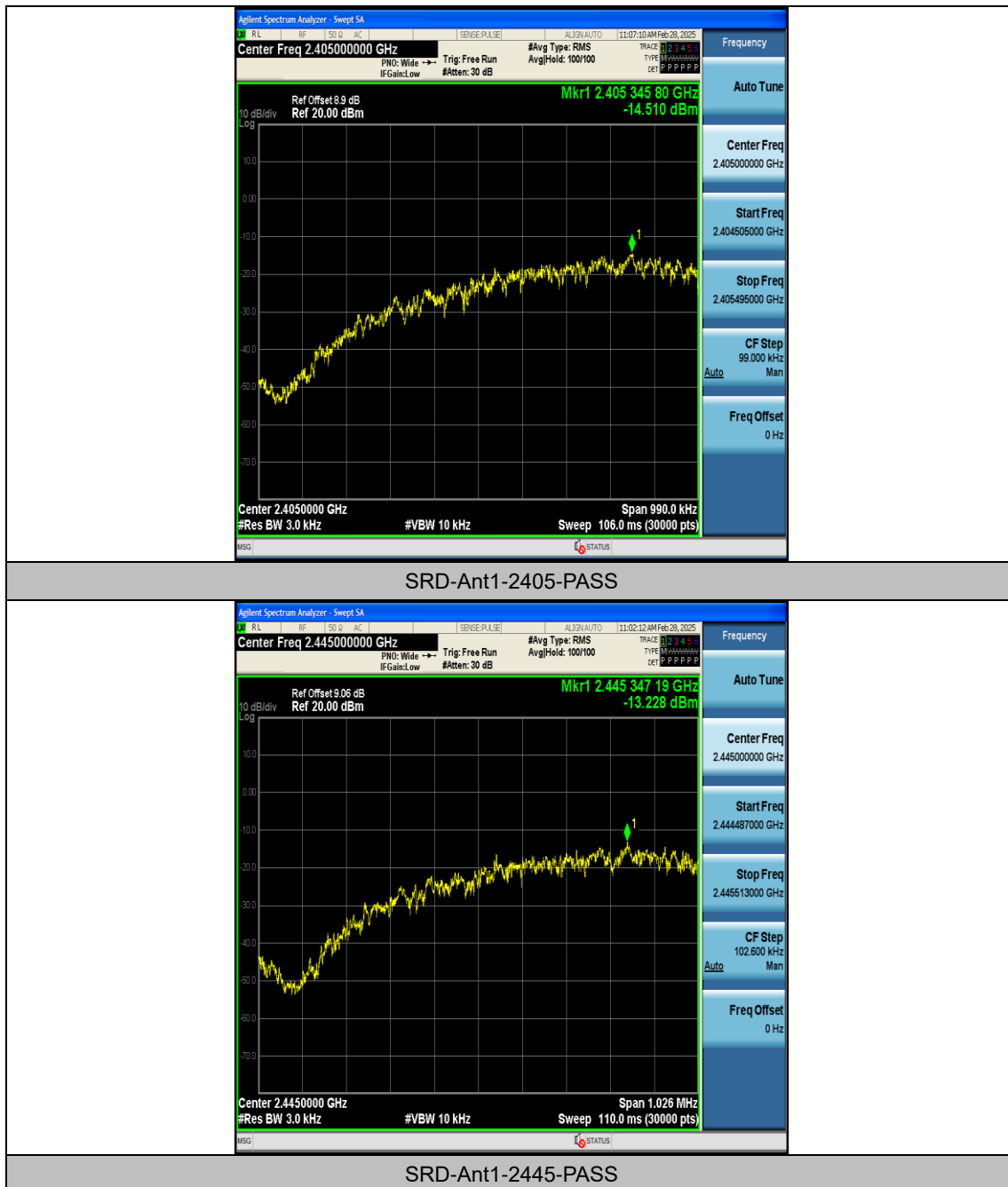


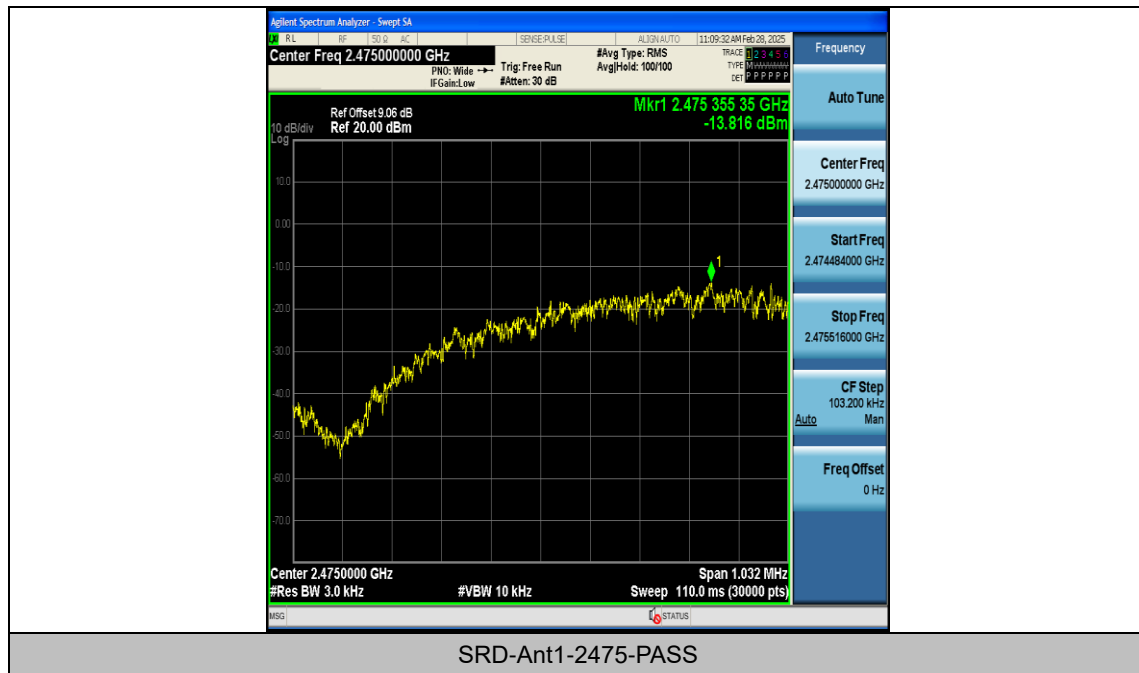
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2405	-14.51	≤8.00	PASS
SRD	Ant1	2445	-13.23	≤8.00	PASS
SRD	Ant1	2475	-13.82	≤8.00	PASS

Test Graphs



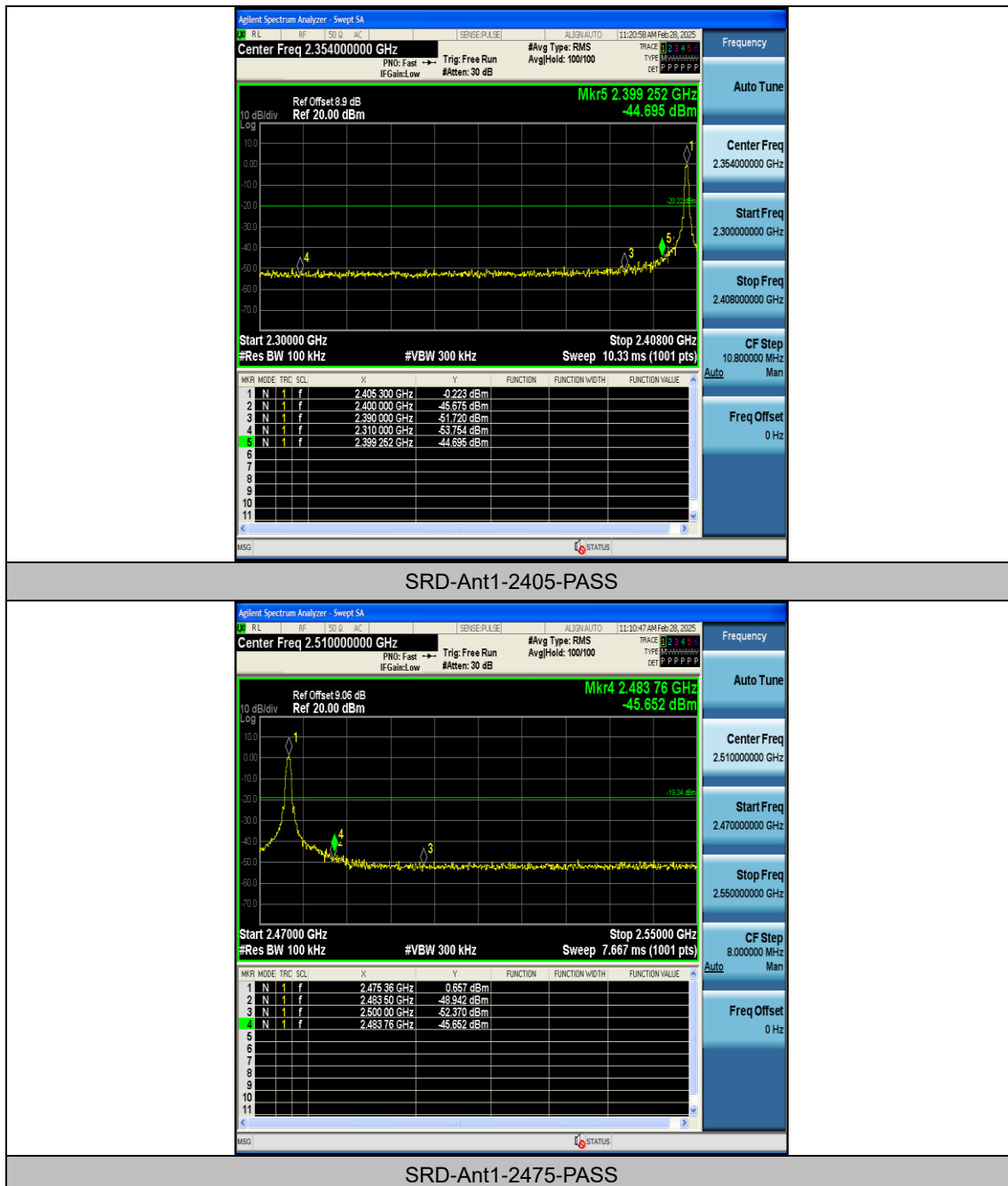


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	-0.22	-44.7	≤ -20.22	PASS
SRD	Ant1	High	2475	0.66	-45.65	≤ -19.34	PASS

Test Graphs

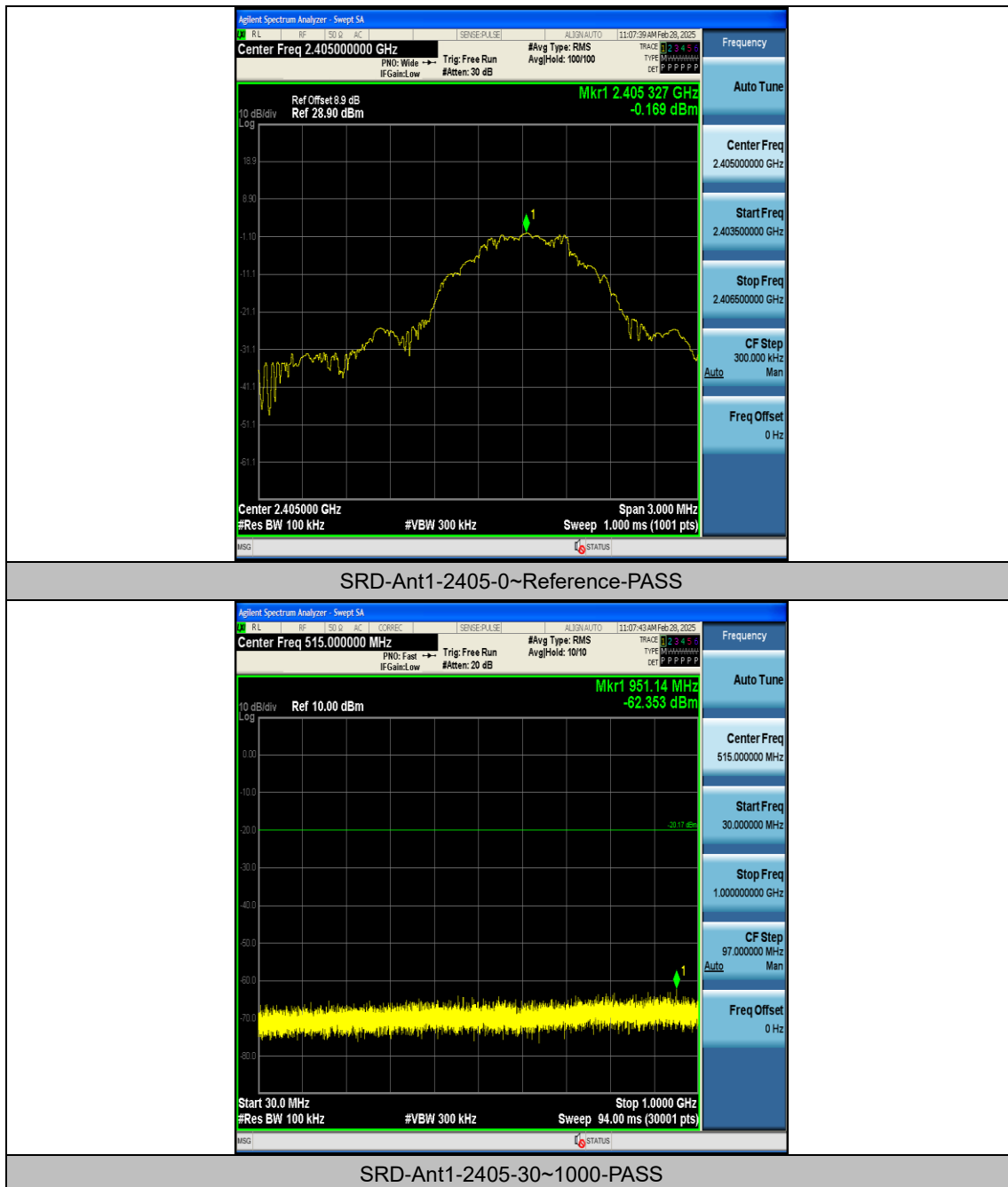


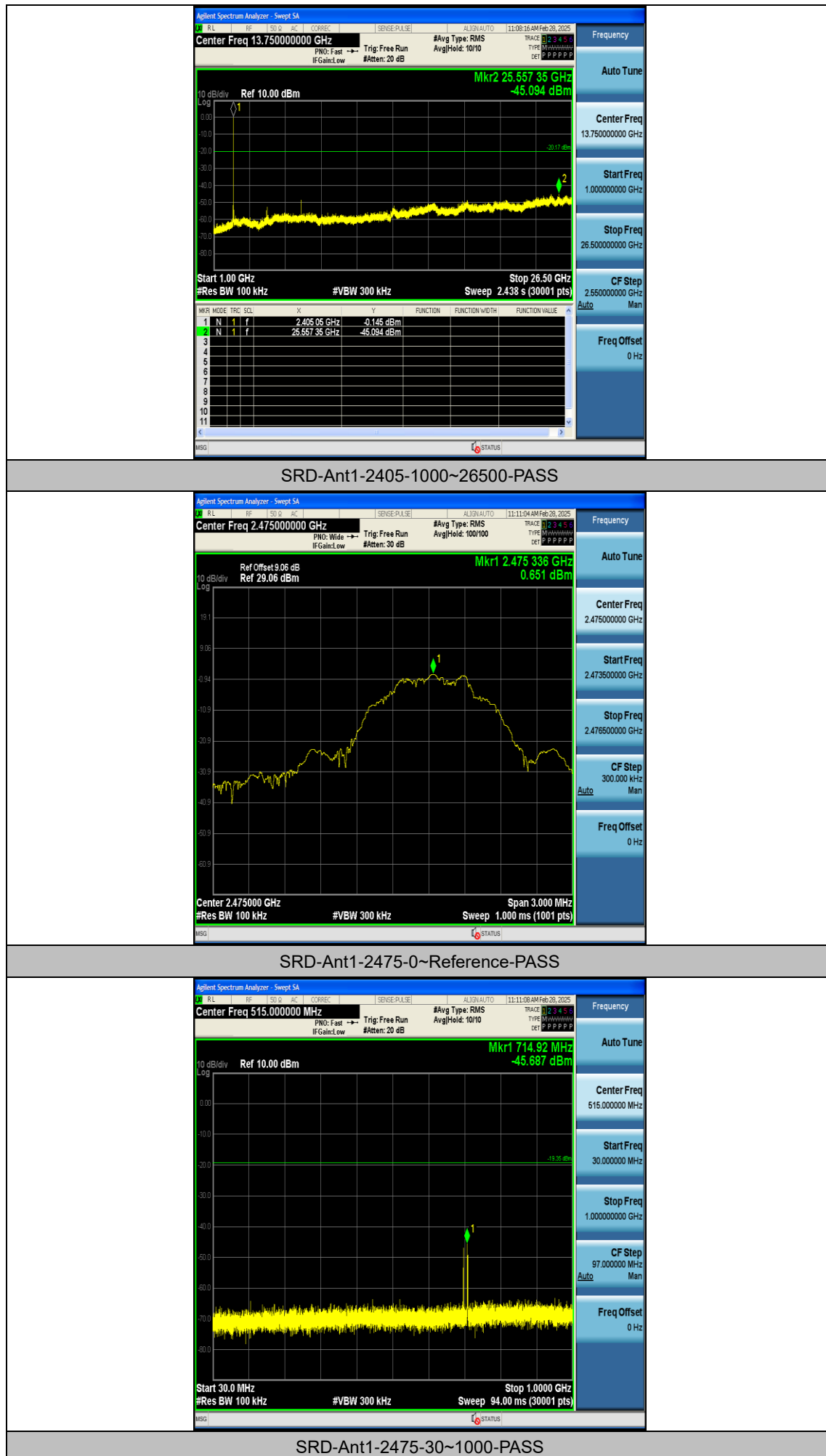
Appendix F: Conducted Spurious Emission

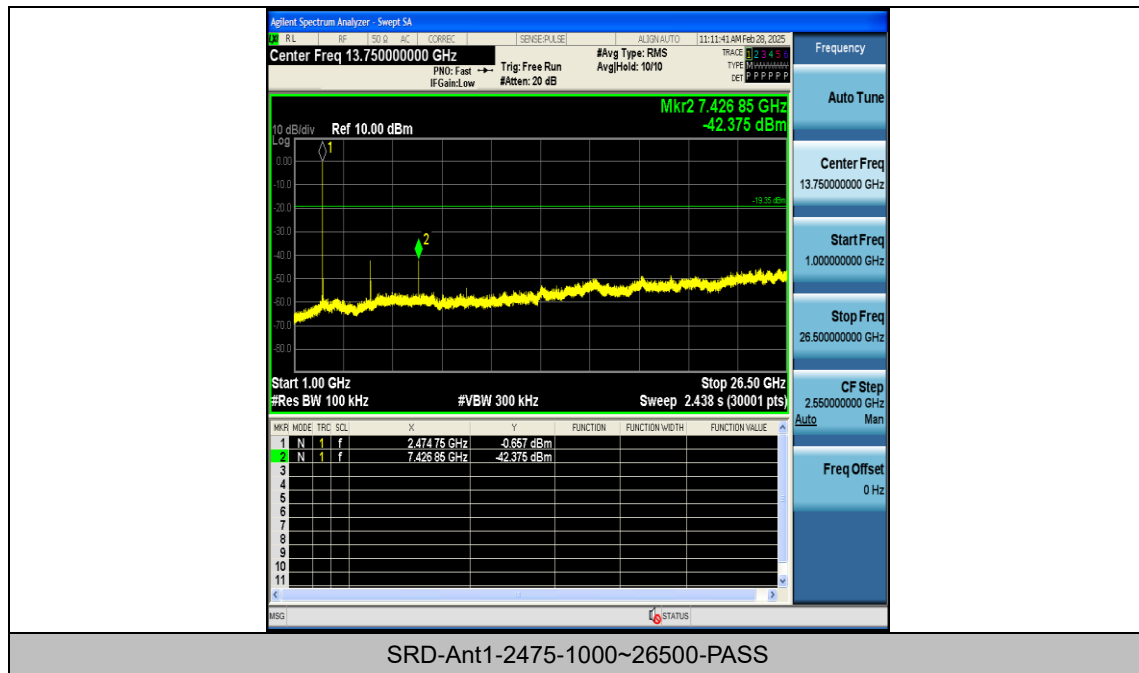
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2405	0~Reference	-0.17	-0.17	---	PASS
SRD	Ant1	2405	30~1000	-0.17	-62.35	≤-20.17	PASS
SRD	Ant1	2405	1000~26500	-0.17	-45.09	≤-20.17	PASS
SRD	Ant1	2475	0~Reference	0.65	0.65	---	PASS
SRD	Ant1	2475	30~1000	0.65	-45.69	≤-19.35	PASS
SRD	Ant1	2475	1000~26500	0.65	-42.38	≤-19.35	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	2405	0.17	0.30	56.67	2.47
SRD	Ant1	2445	0.17	0.30	56.67	2.47
SRD	Ant1	2475	0.17	0.30	56.67	2.47

Test Graphs

