

Appendix Test Data for SRD (Conducted Measurement)

Product Name: R/C toys

Trade Mark: /

Test Model: LY-024

FCC ID: 2BK33-LY-024

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
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	0.648	2405.008	2405.656	0.5	PASS
SRD	Ant1	2445	0.684	2444.984	2445.668	0.5	PASS
SRD	Ant1	2475	0.716	2474.964	2475.680	0.5	PASS

Test Graphs



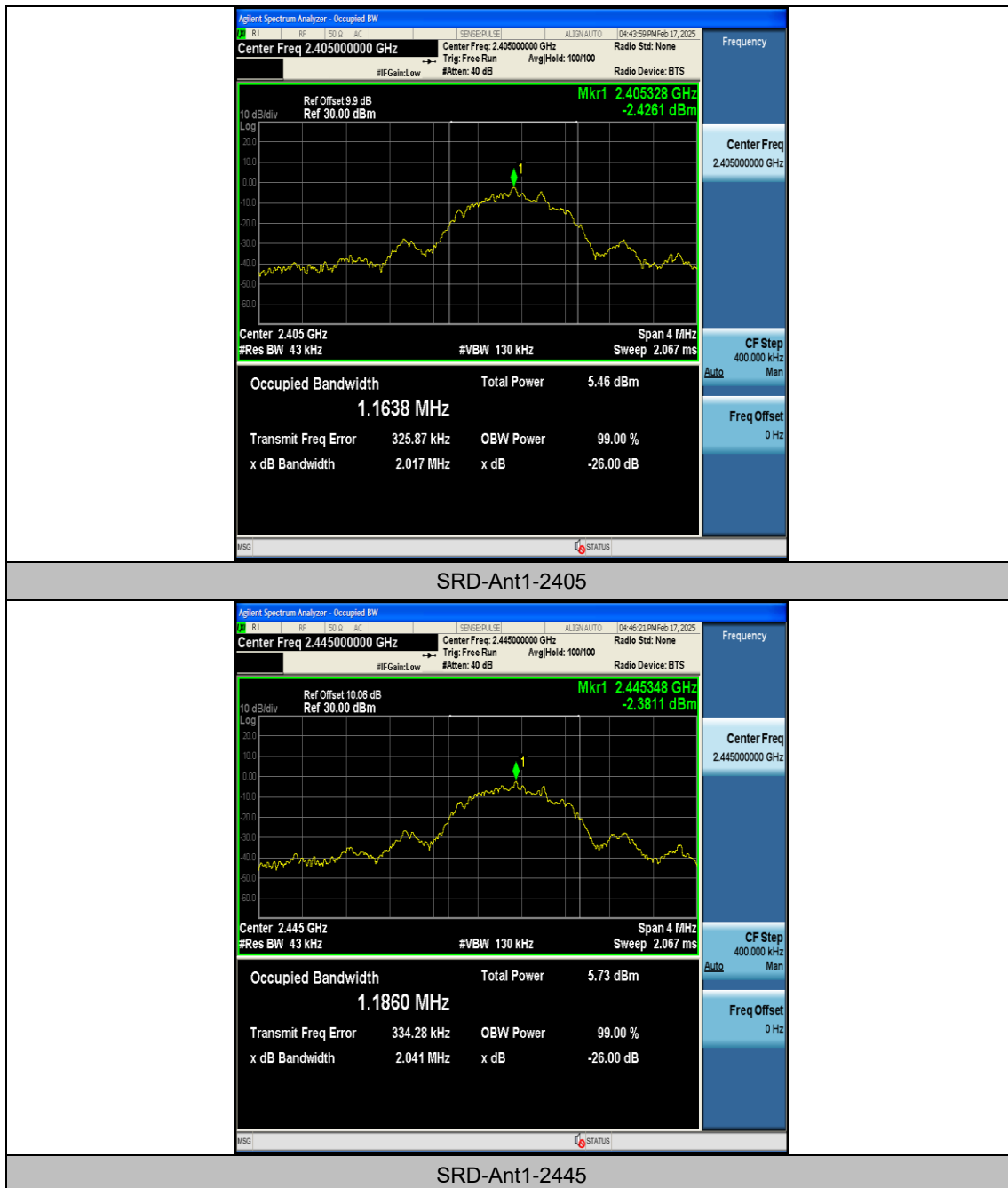


Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	1.1638	2404.7440	2405.9078	---	---
SRD	Ant1	2445	1.1860	2444.7413	2445.9273	---	---
SRD	Ant1	2475	1.1841	2474.7544	2475.9385	---	---

Test Graphs



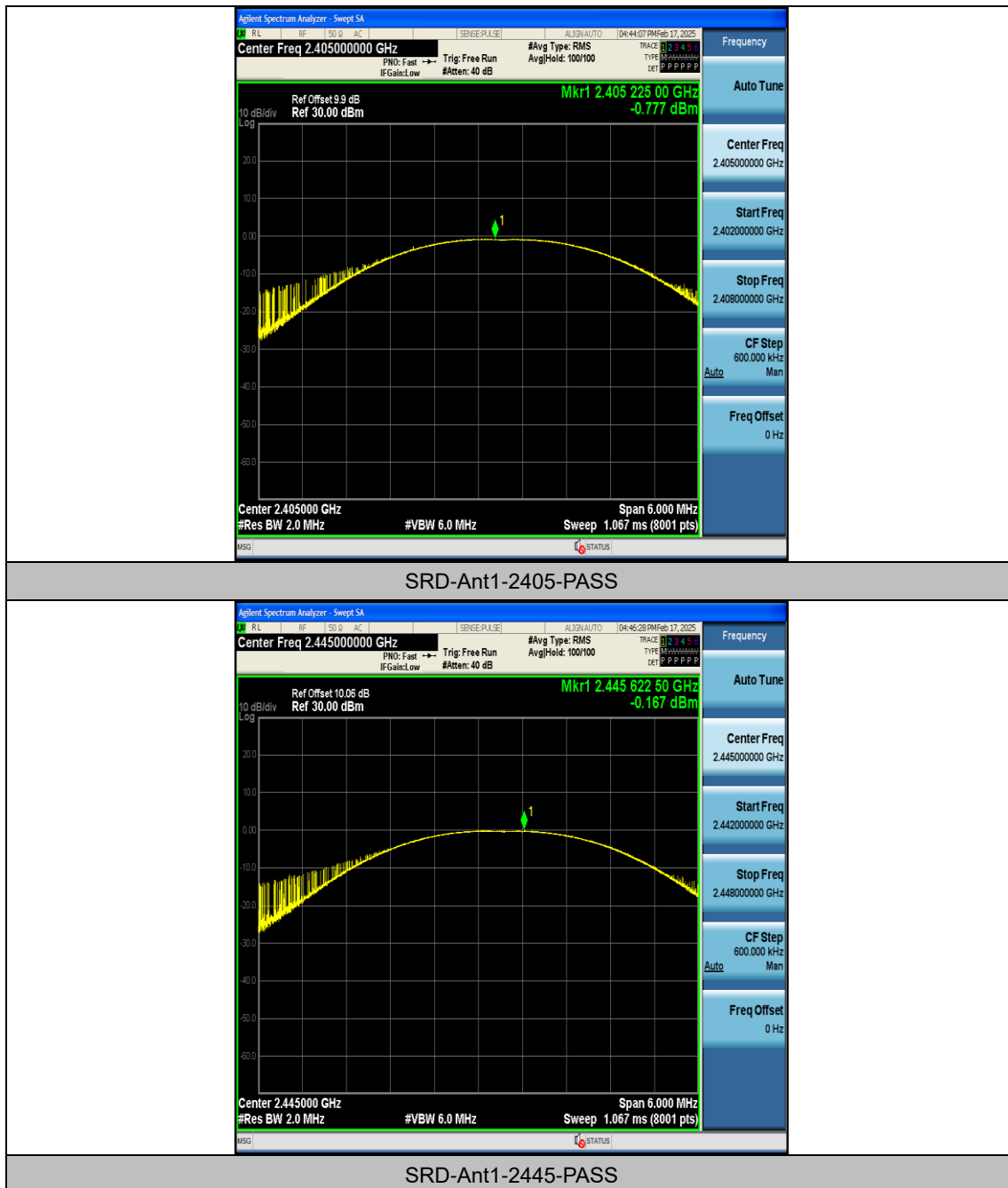


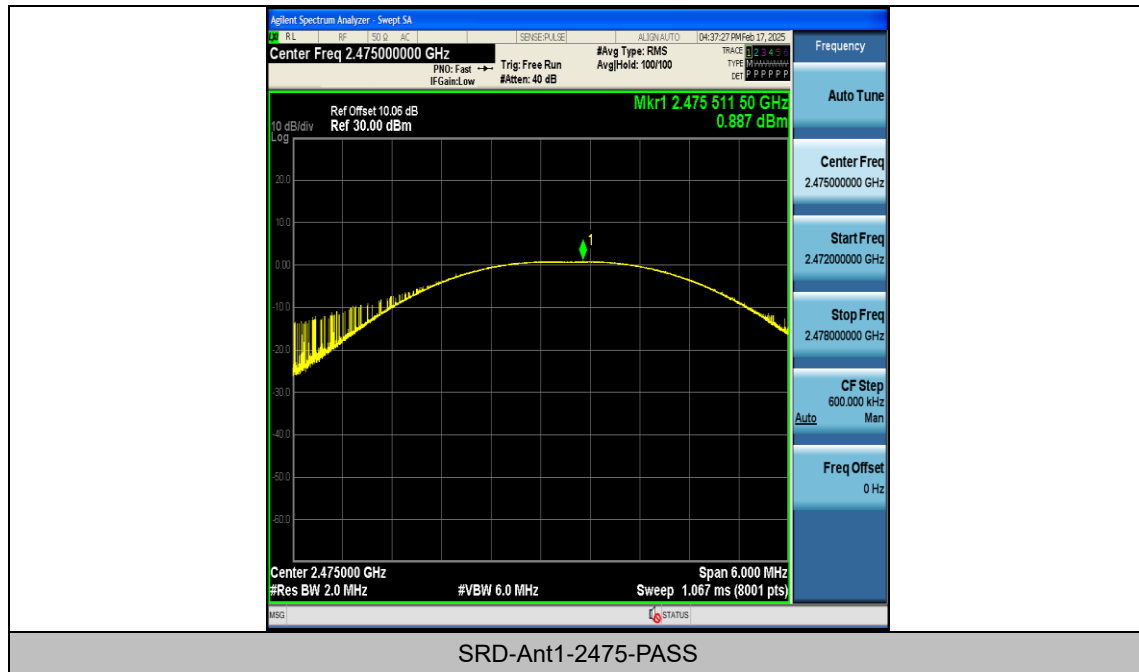
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2405	-0.78	≤30	PASS
SRD	Ant1	2445	-0.17	≤30	PASS
SRD	Ant1	2475	0.89	≤30	PASS

Test Graphs Peak



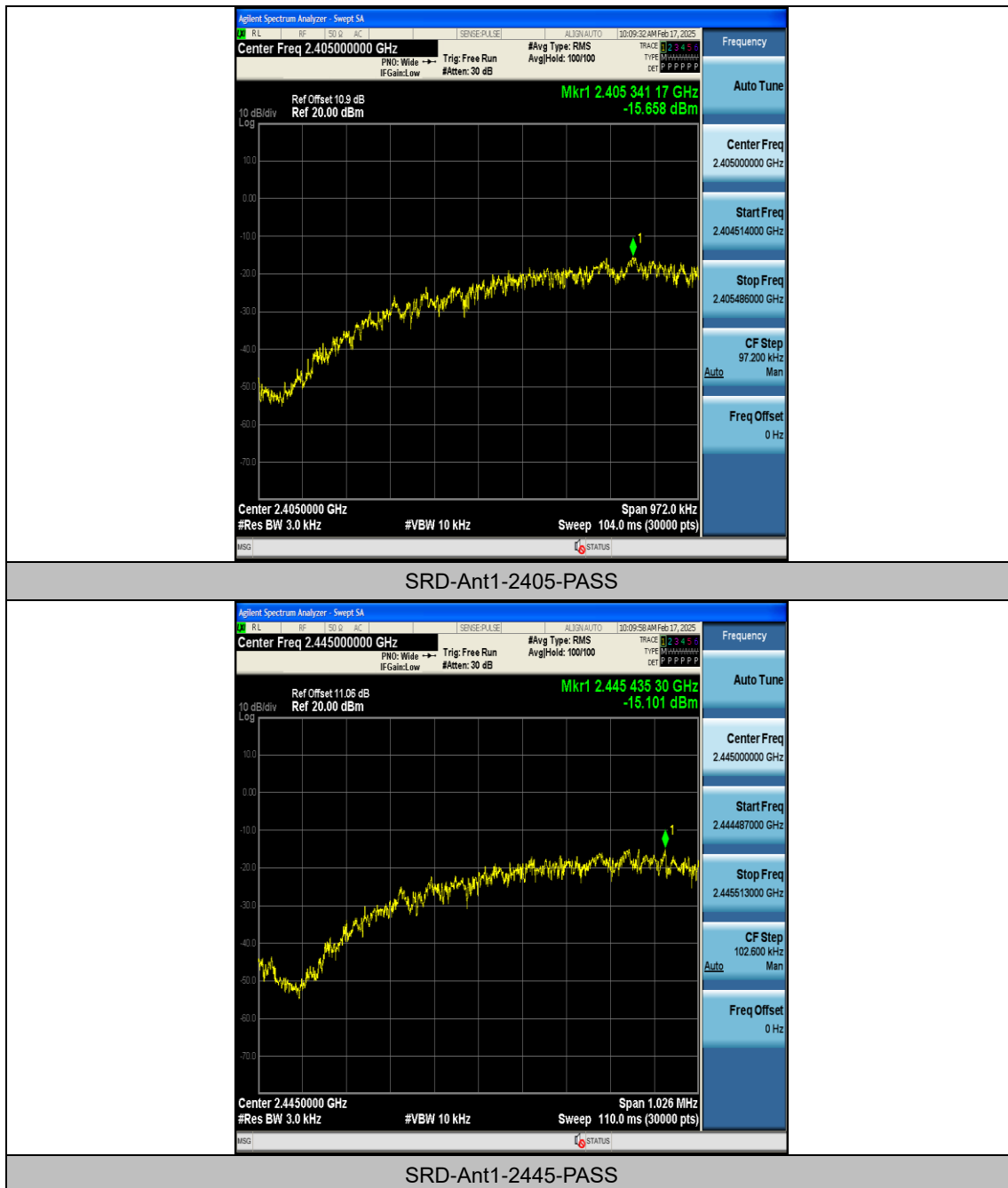


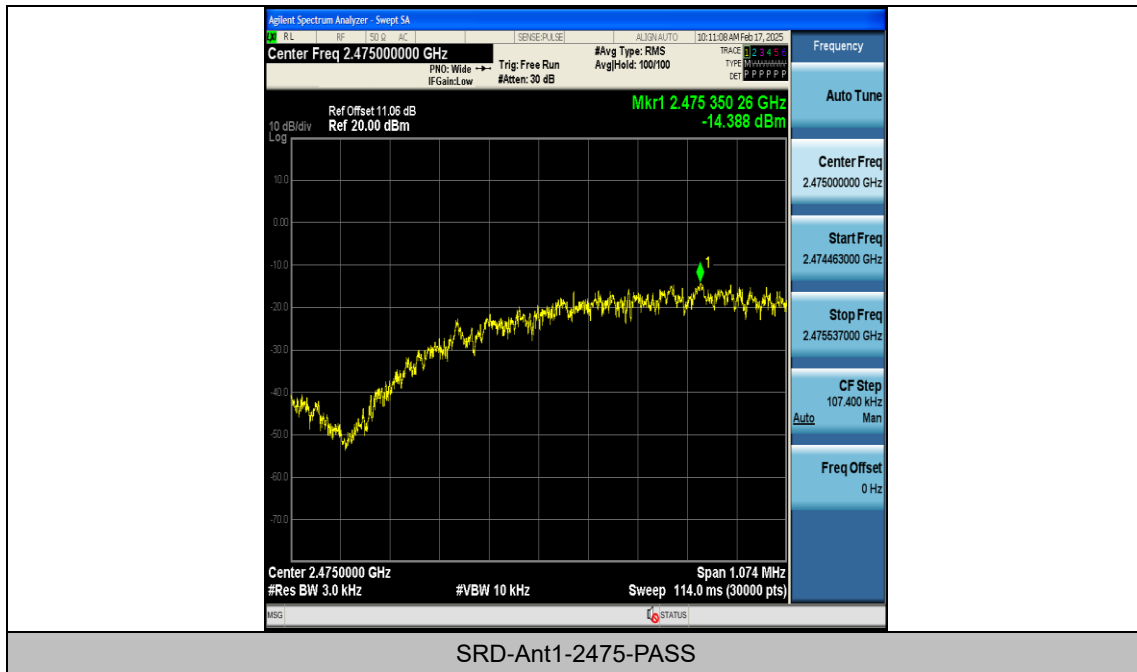
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2405	-15.66	≤8.00	PASS
SRD	Ant1	2445	-15.10	≤8.00	PASS
SRD	Ant1	2475	-14.39	≤8.00	PASS

Test Graphs



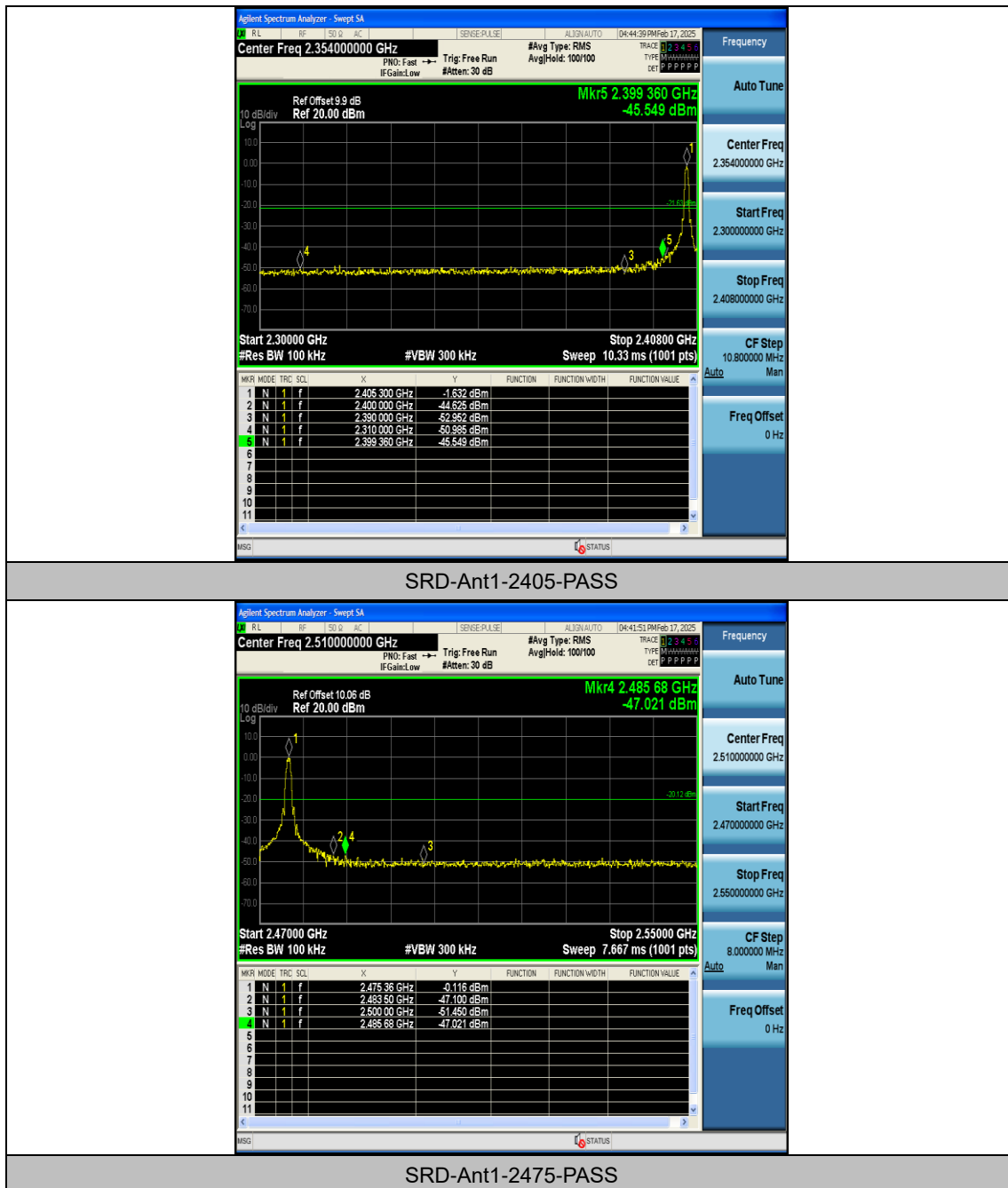


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	-1.63	-45.55	≤ -21.63	PASS
SRD	Ant1	High	2475	-0.12	-47.02	≤ -20.12	PASS

Test Graphs

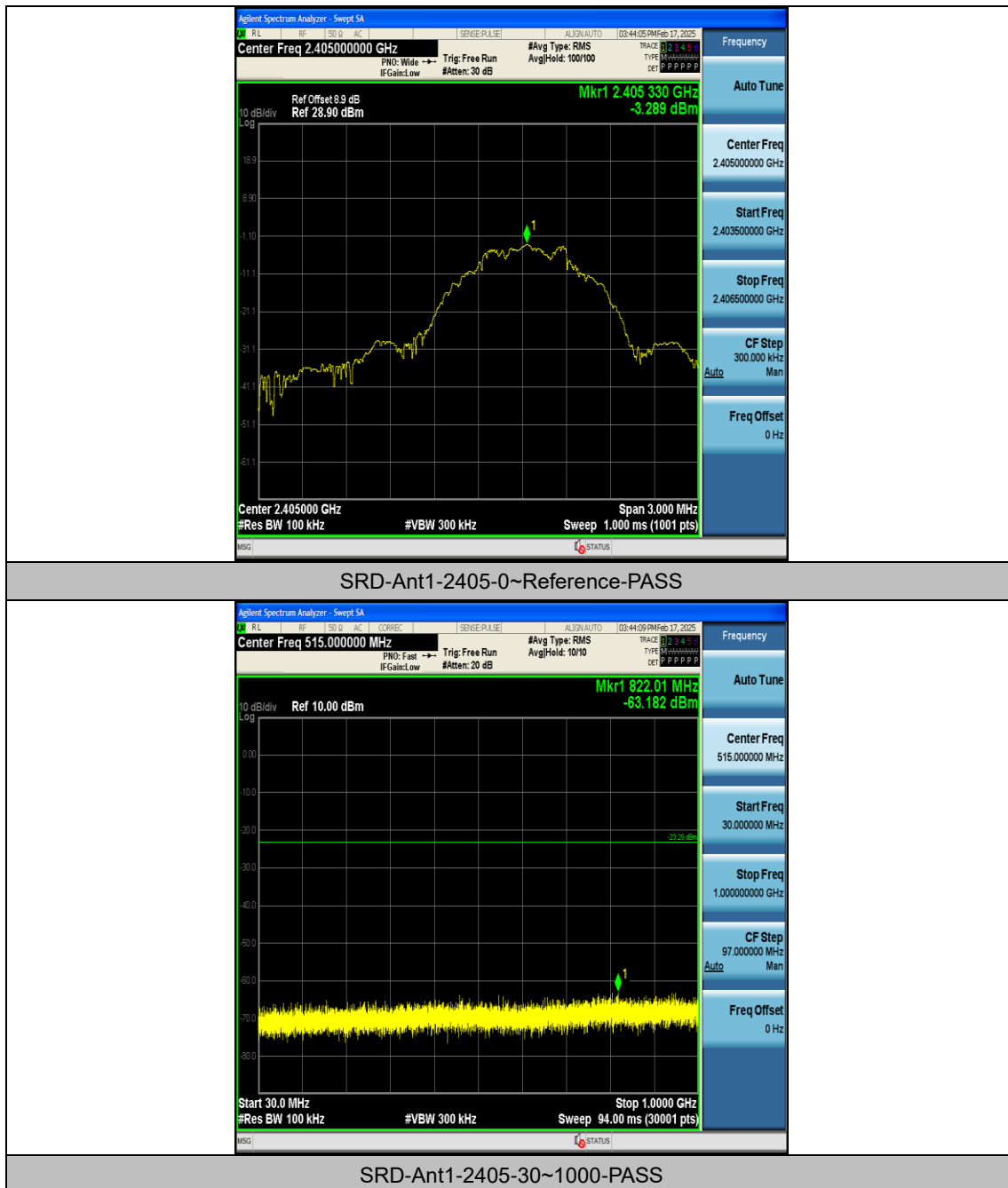


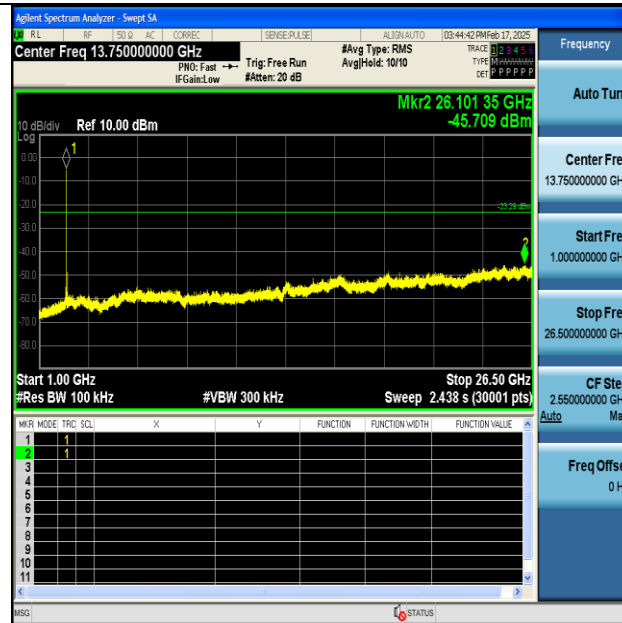
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2405	0~Reference	-3.29	-3.29	---	PASS
SRD	Ant1	2405	30~1000	-3.29	-63.18	≤ -23.29	PASS
SRD	Ant1	2405	1000~26500	-3.29	-45.71	≤ -23.29	PASS
SRD	Ant1	2445	0~Reference	-2.66	-2.66	---	PASS
SRD	Ant1	2445	30~1000	-2.66	-62.84	≤ -22.66	PASS
SRD	Ant1	2445	1000~26500	-2.66	-45.46	≤ -22.66	PASS
SRD	Ant1	2475	0~Reference	-1.40	-1.40	---	PASS
SRD	Ant1	2475	30~1000	-1.40	-63.21	≤ -21.4	PASS
SRD	Ant1	2475	1000~26500	-1.40	-44.65	≤ -21.4	PASS

Test Graphs

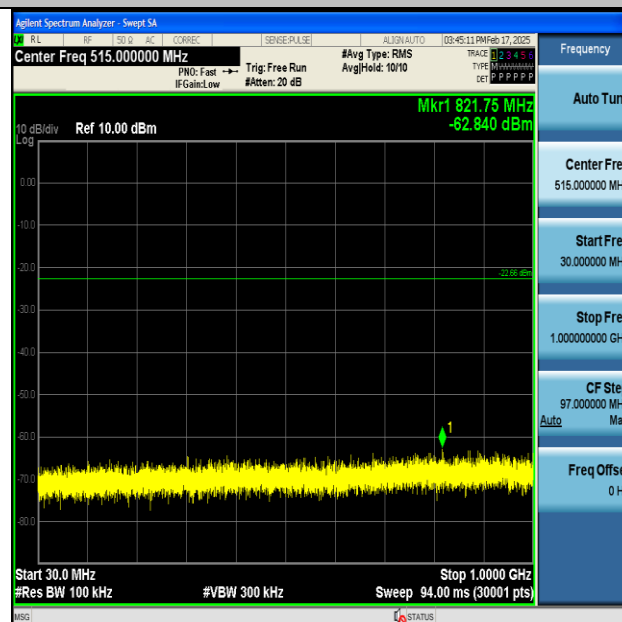




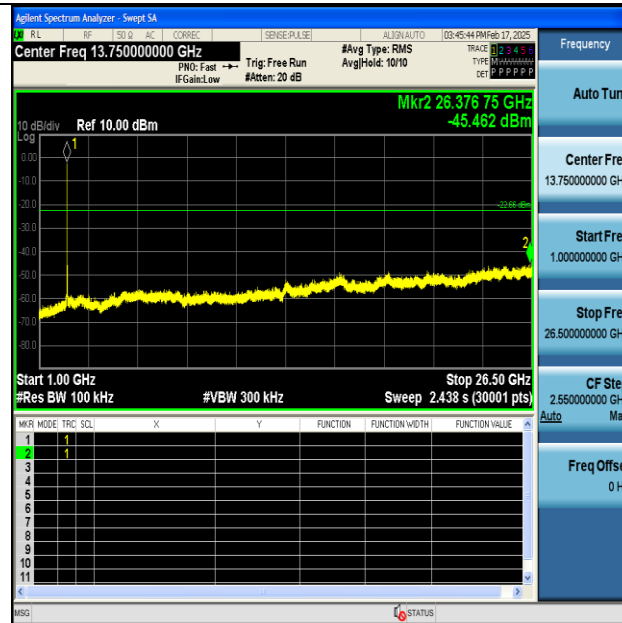
SRD-Ant1-2405-1000~26500-PASS



SRD-Ant1-2445-0~Reference-PASS



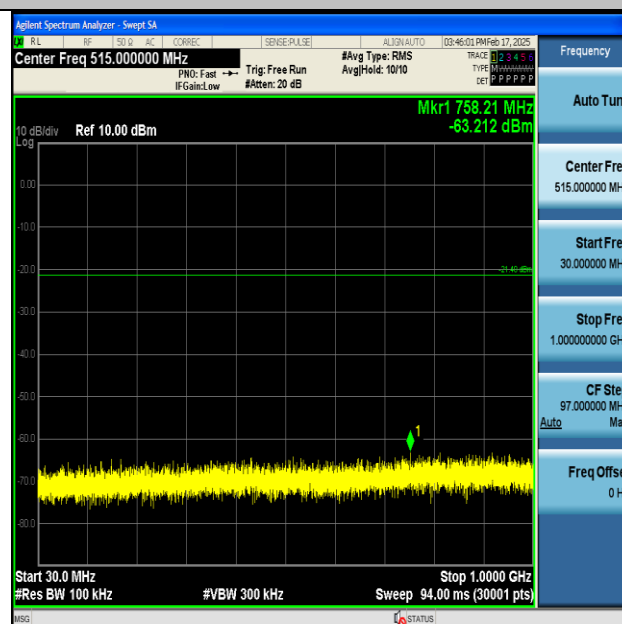
SRD-Ant1-2445-30~1000-PASS



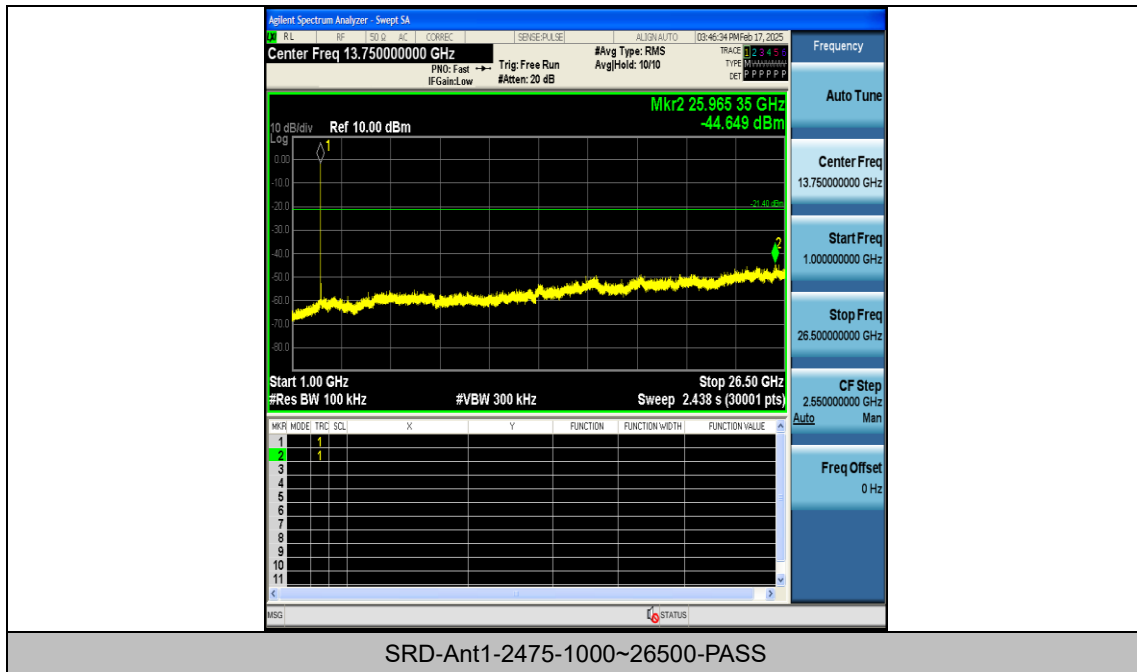
SRD-Ant1-2445-1000~26500-PASS



SRD-Ant1-2475-0~Reference-PASS



SRD-Ant1-2475-30~1000-PASS



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	0.16	0.29	55.17	2.58

Test Graphs

