

Appendix Test Data for SRD (Conducted Measurement)

Product Name: R/C toys

Trade Mark: /

Test Model: LY-003

FCC ID: 2BK33-LY-003

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	0.668	2405.004	2405.672	0.5	PASS
SRD	Ant1	2445	0.652	2445.000	2445.652	0.5	PASS
SRD	Ant1	2475	0.684	2474.992	2475.676	0.5	PASS

Test Graphs



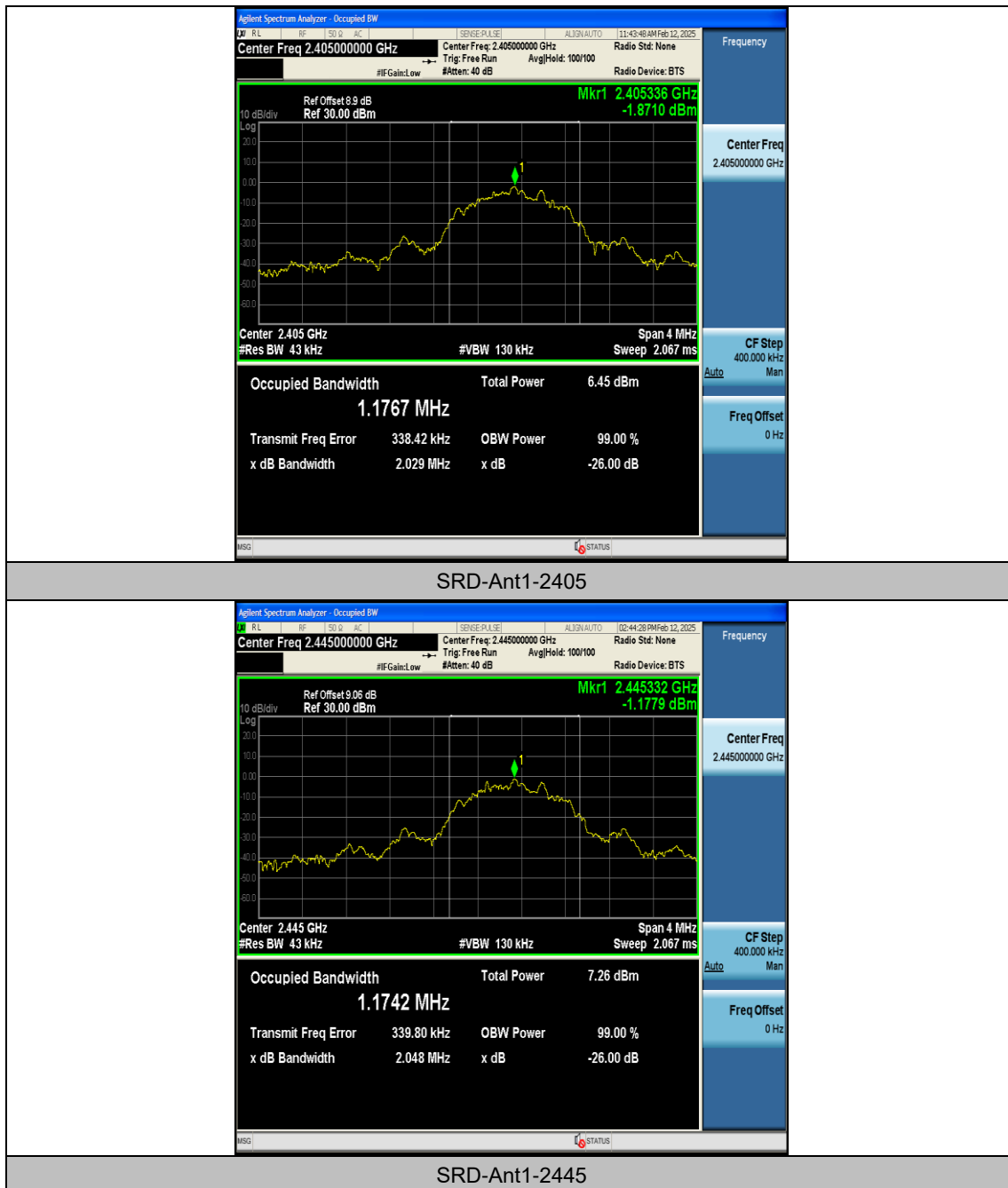


Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	1.1767	2404.7501	2405.9268	---	---
SRD	Ant1	2445	1.1742	2444.7527	2445.9269	---	---
SRD	Ant1	2475	1.1980	2474.7498	2475.9478	---	---

Test Graphs



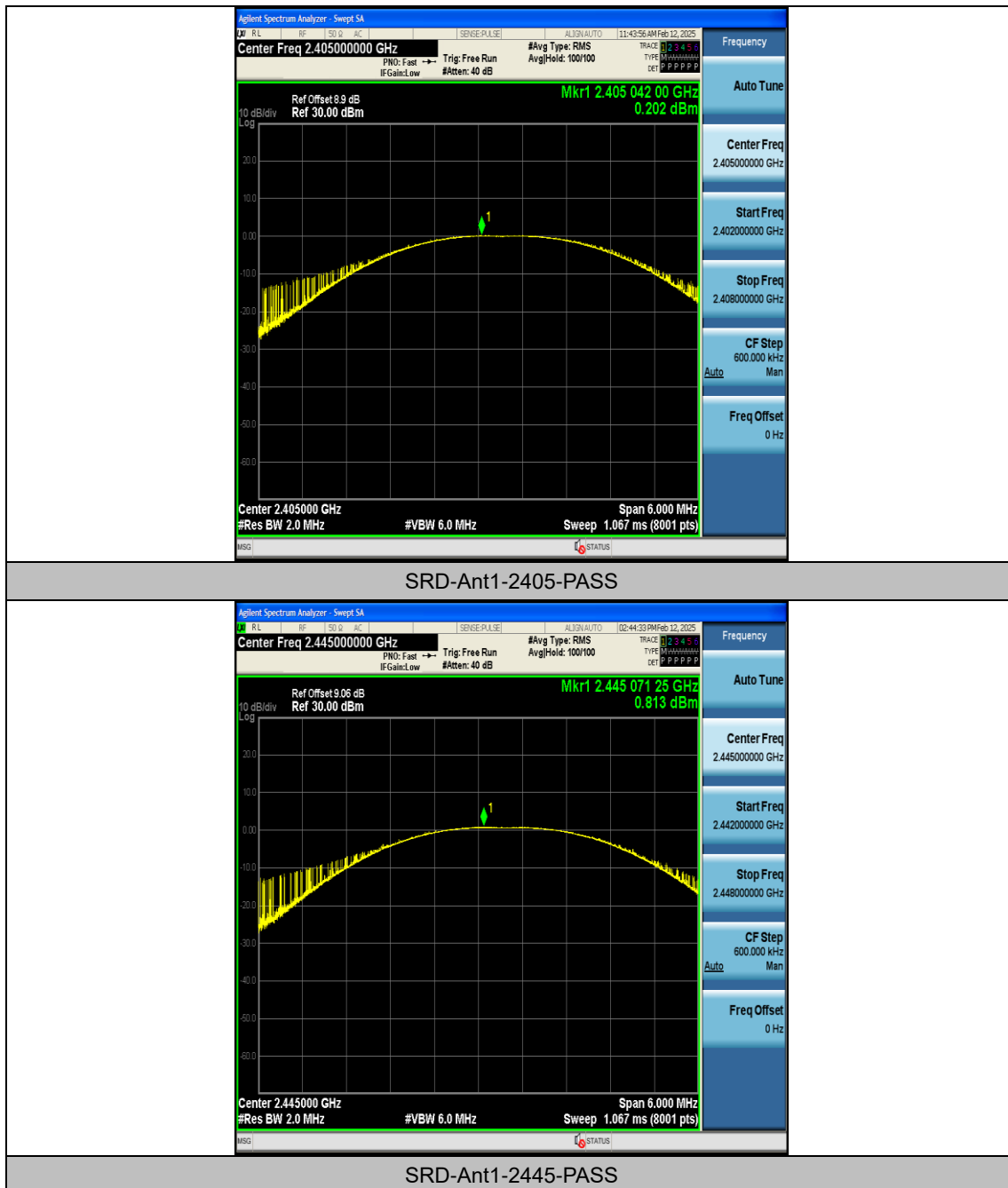


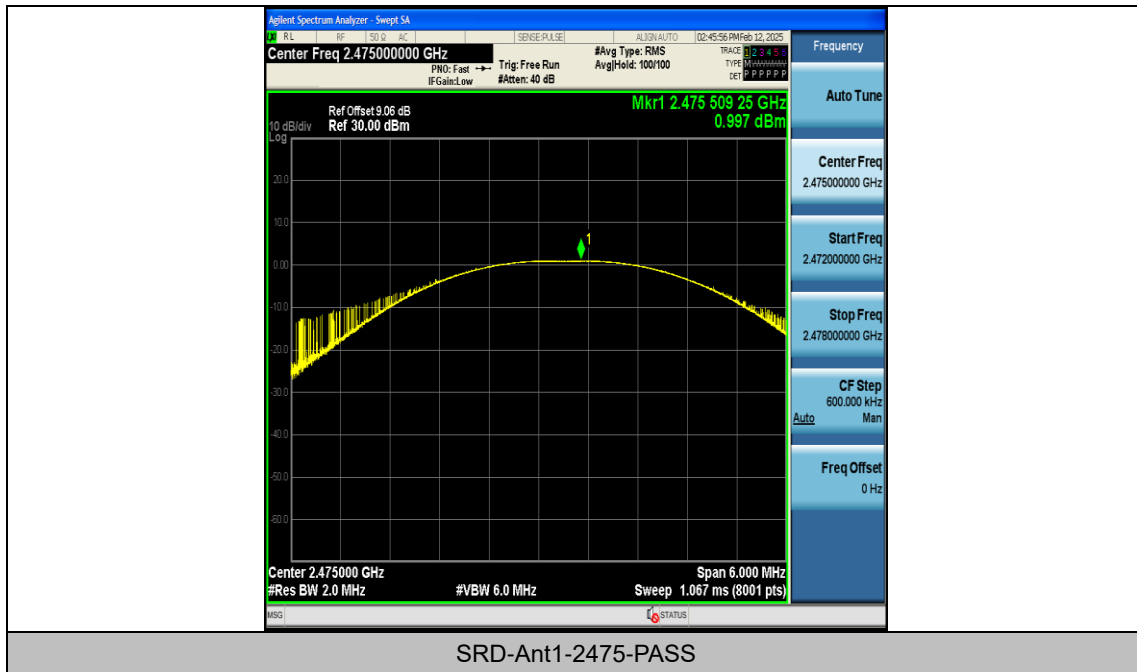
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2405	0.20	≤30	PASS
SRD	Ant1	2445	0.81	≤30	PASS
SRD	Ant1	2475	1.00	≤30	PASS

Test Graphs Peak



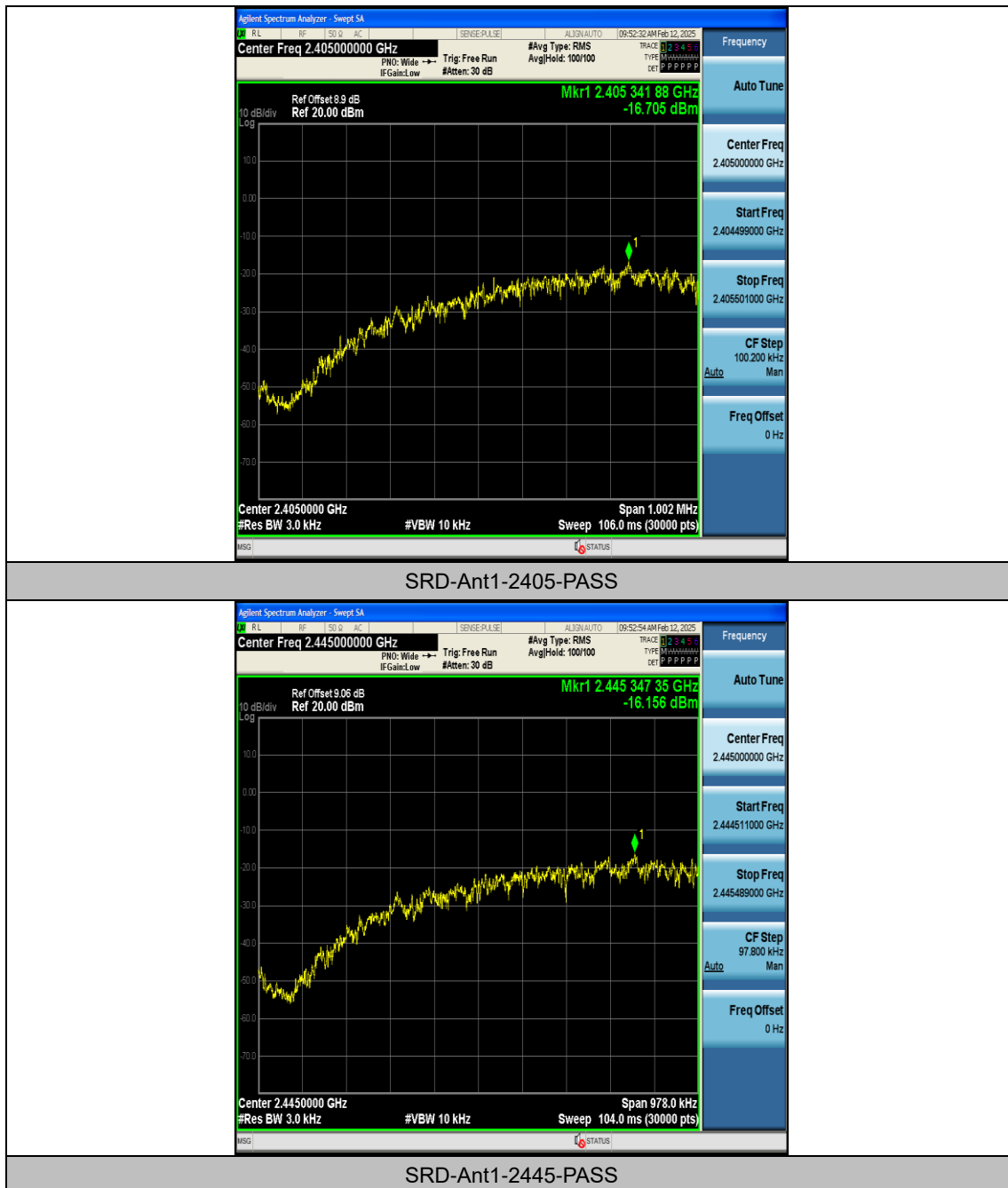


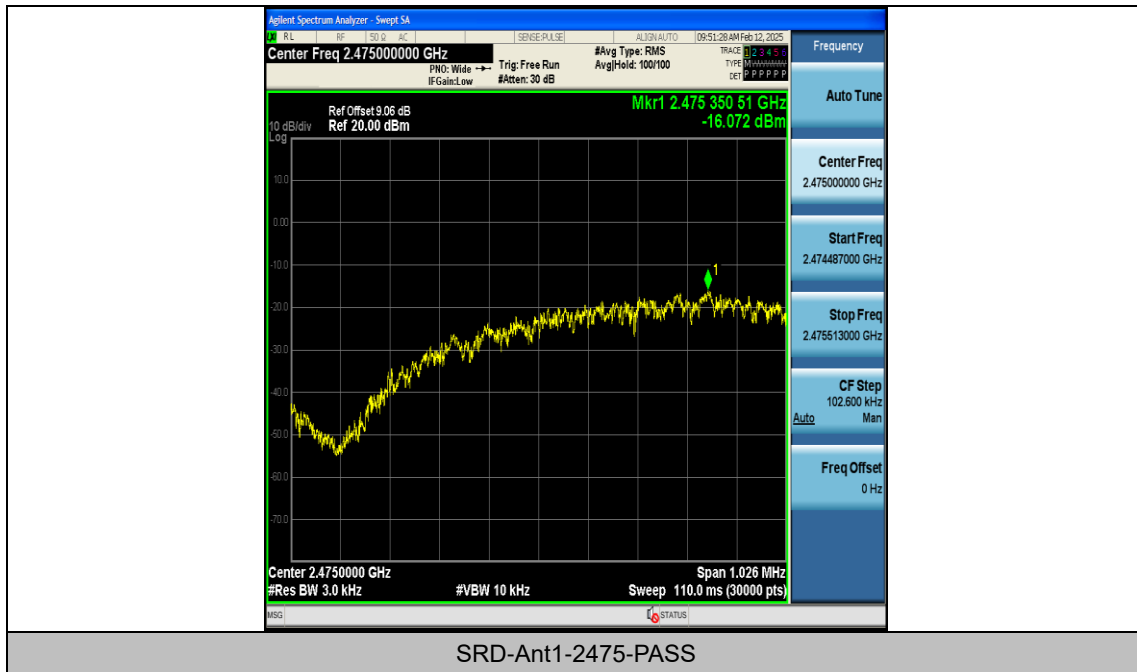
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2405	-16.71	≤8.00	PASS
SRD	Ant1	2445	-16.16	≤8.00	PASS
SRD	Ant1	2475	-16.07	≤8.00	PASS

Test Graphs



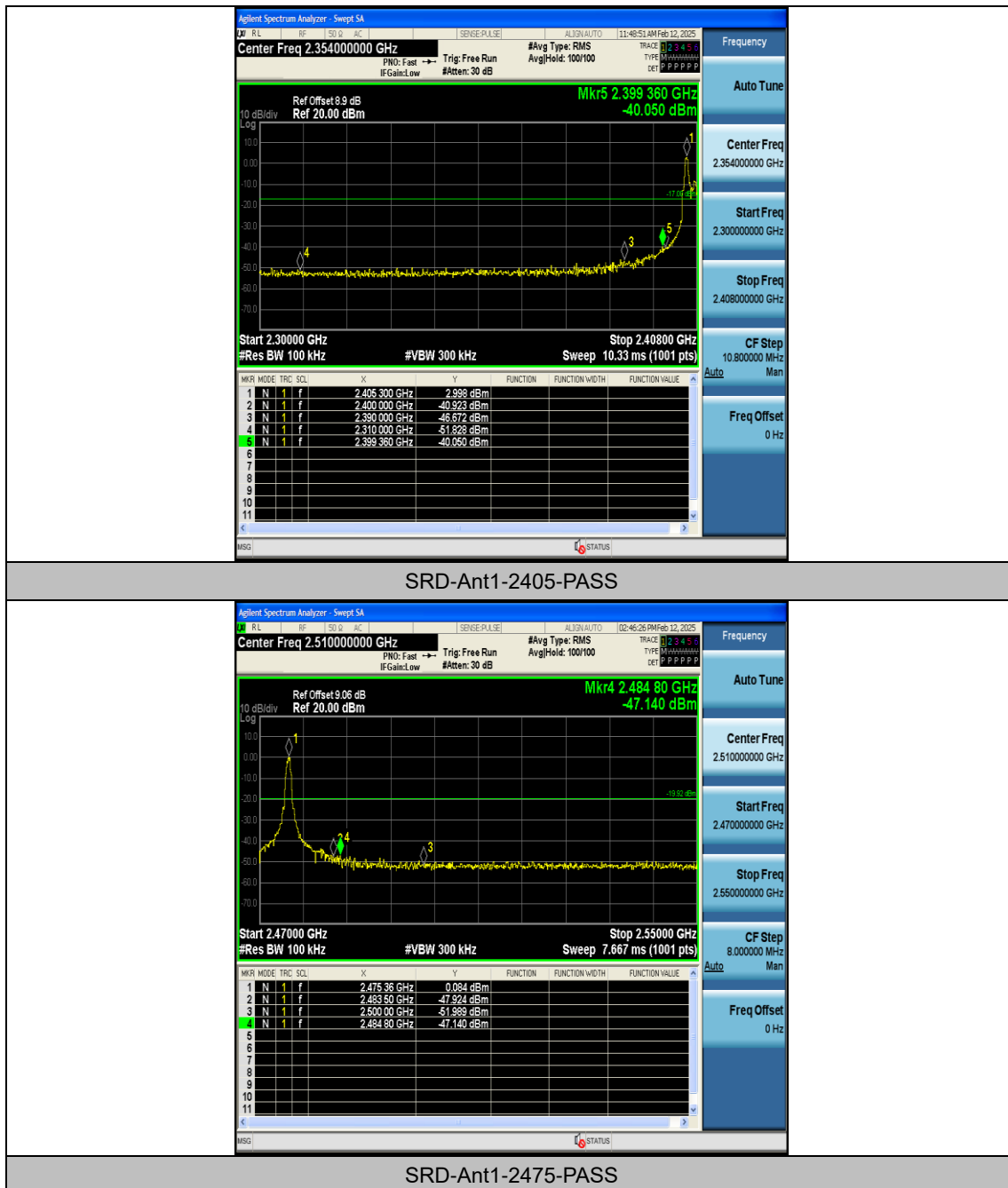


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	3.00	-40.05	≤ -17	PASS
SRD	Ant1	High	2475	0.08	-47.14	≤ -19.92	PASS

Test Graphs

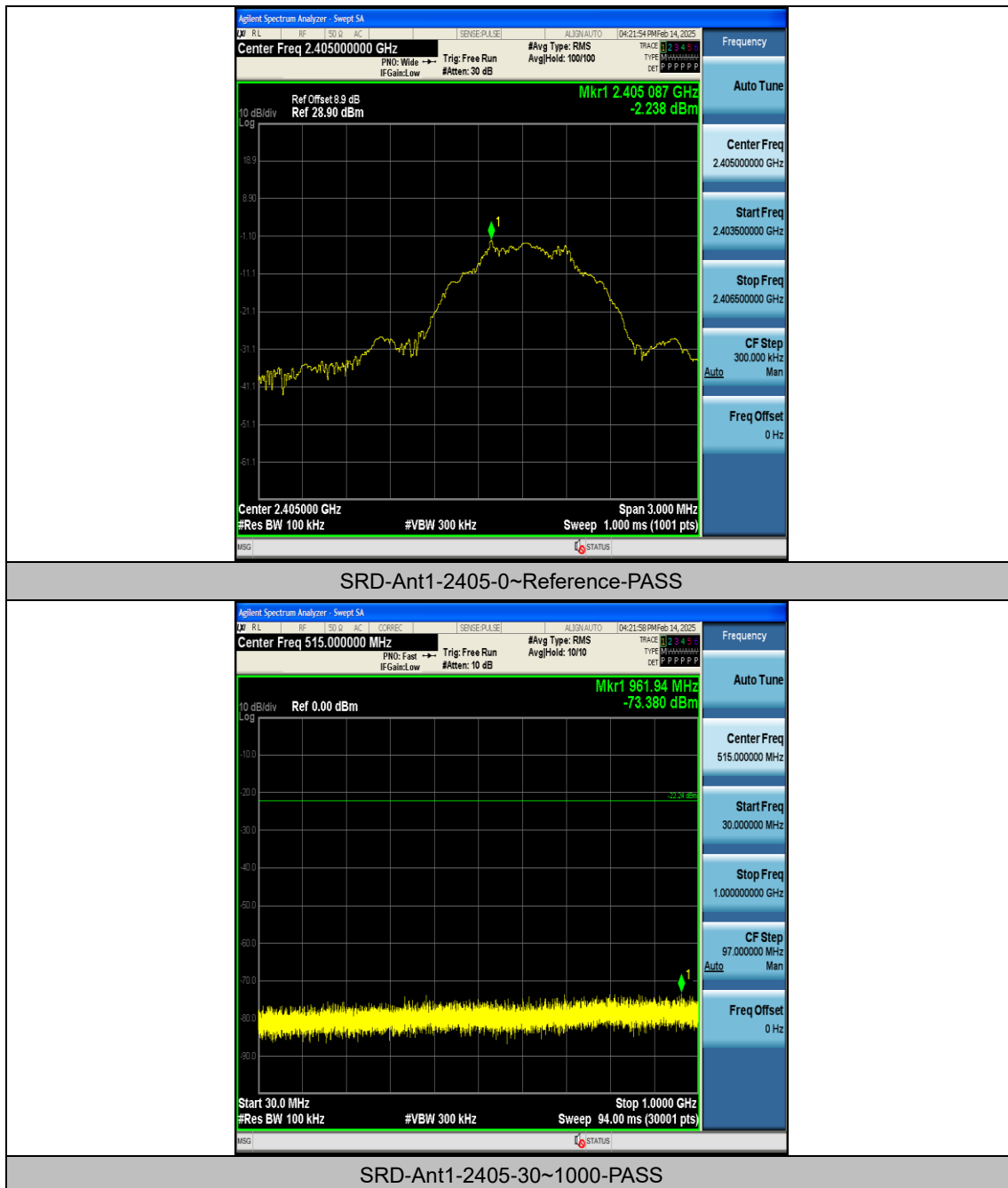


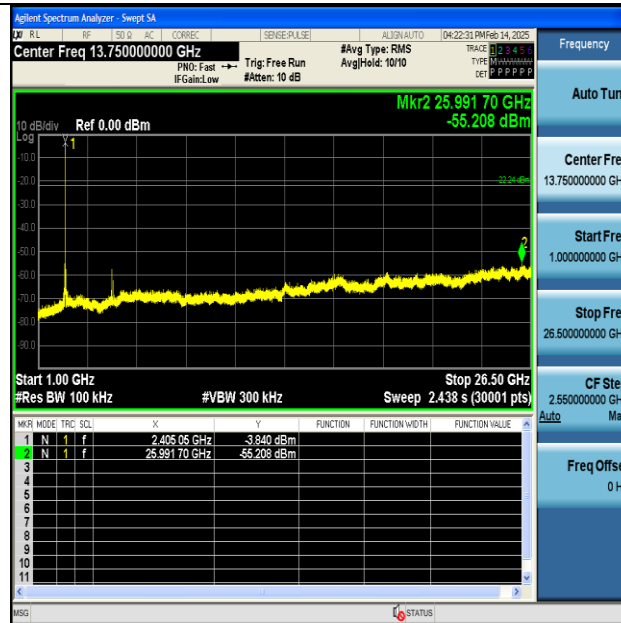
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2405	0~Reference	-2.24	-2.24	---	PASS
SRD	Ant1	2405	30~1000	-2.24	-73.38	≤ -22.24	PASS
SRD	Ant1	2405	1000~26500	-2.24	-55.21	≤ -22.24	PASS
SRD	Ant1	2445	0~Reference	-2.24	-2.24	---	PASS
SRD	Ant1	2445	30~1000	-2.24	-72.22	≤ -22.24	PASS
SRD	Ant1	2445	1000~26500	-2.24	-55.13	≤ -22.24	PASS
SRD	Ant1	2475	0~Reference	-1.23	-1.23	---	PASS
SRD	Ant1	2475	30~1000	-1.23	-72.75	≤ -21.23	PASS
SRD	Ant1	2475	1000~26500	-1.23	-54.32	≤ -21.23	PASS

Test Graphs

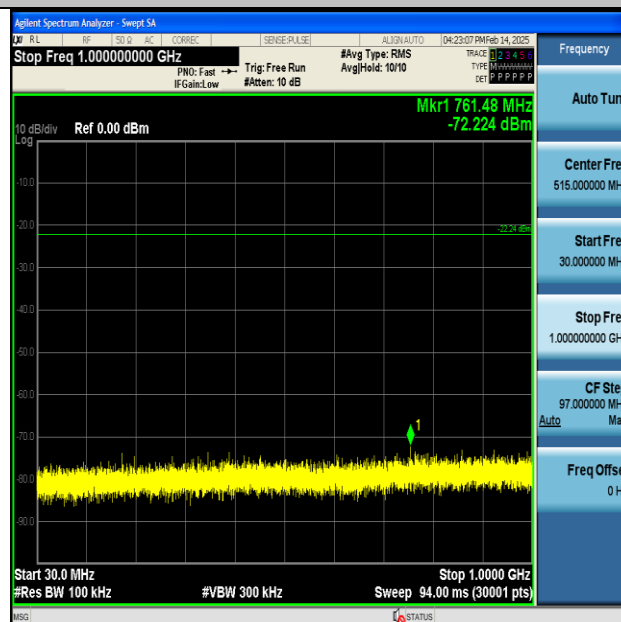




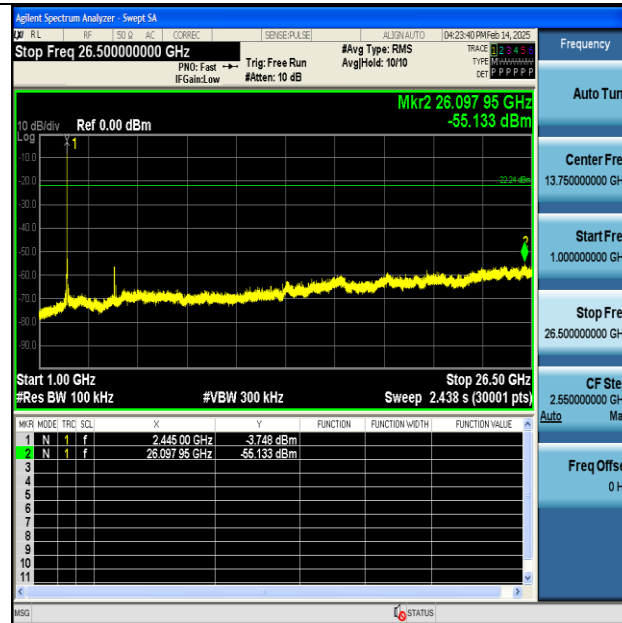
SRD-Ant1-2405-1000~26500-PASS



SRD-Ant1-2445-0~Reference-PASS



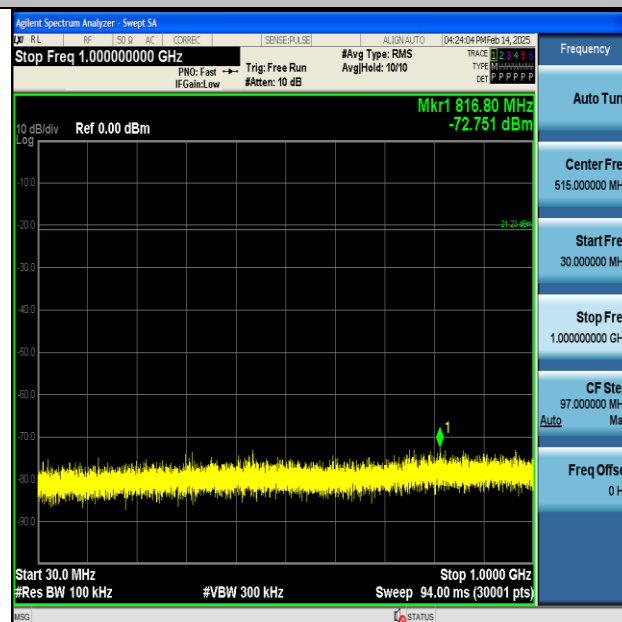
SRD-Ant1-2445-30~1000-PASS



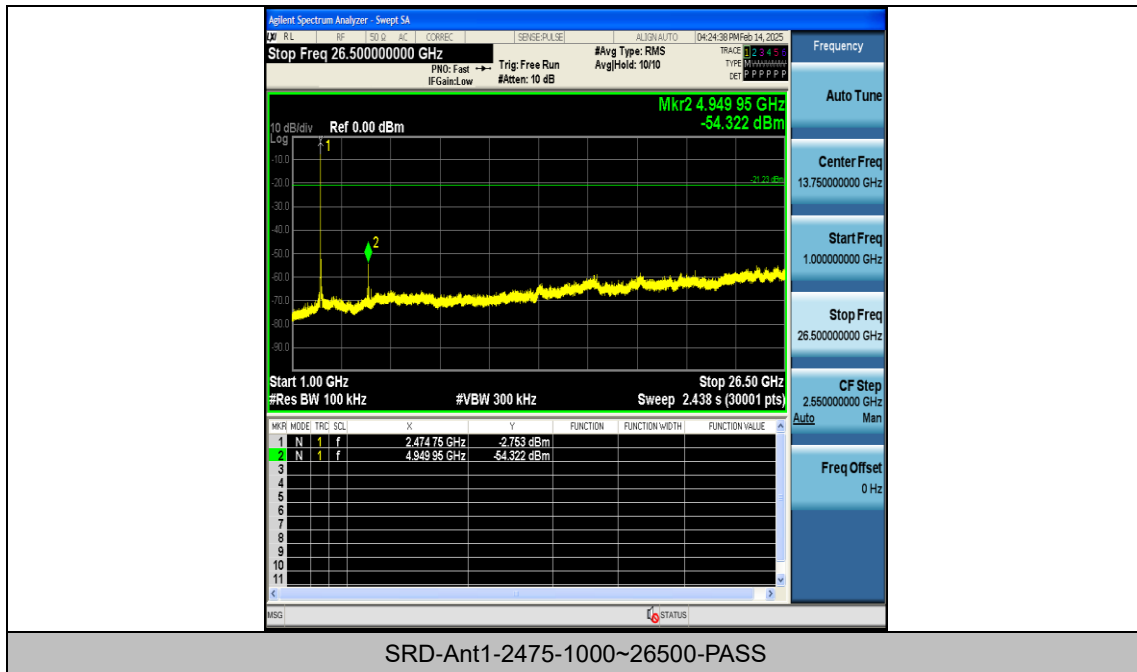
SRD-Ant1-2445-1000~26500-PASS



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	0.17	0.30	56.67	2.47

Test Graphs

