

Appendix Test Data for SRD(Conducted Measurement)

Product Name: R/C CAR

Trade Mark: /

Test Model: LH-C075

FCC ID: 2AJGI-LH-C075

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	0.656	2405.020	2405.676	0.5	PASS
SRD	Ant1	2445	0.700	2444.996	2445.696	0.5	PASS
SRD	Ant1	2475	0.672	2475.016	2475.688	0.5	PASS

Test Graphs



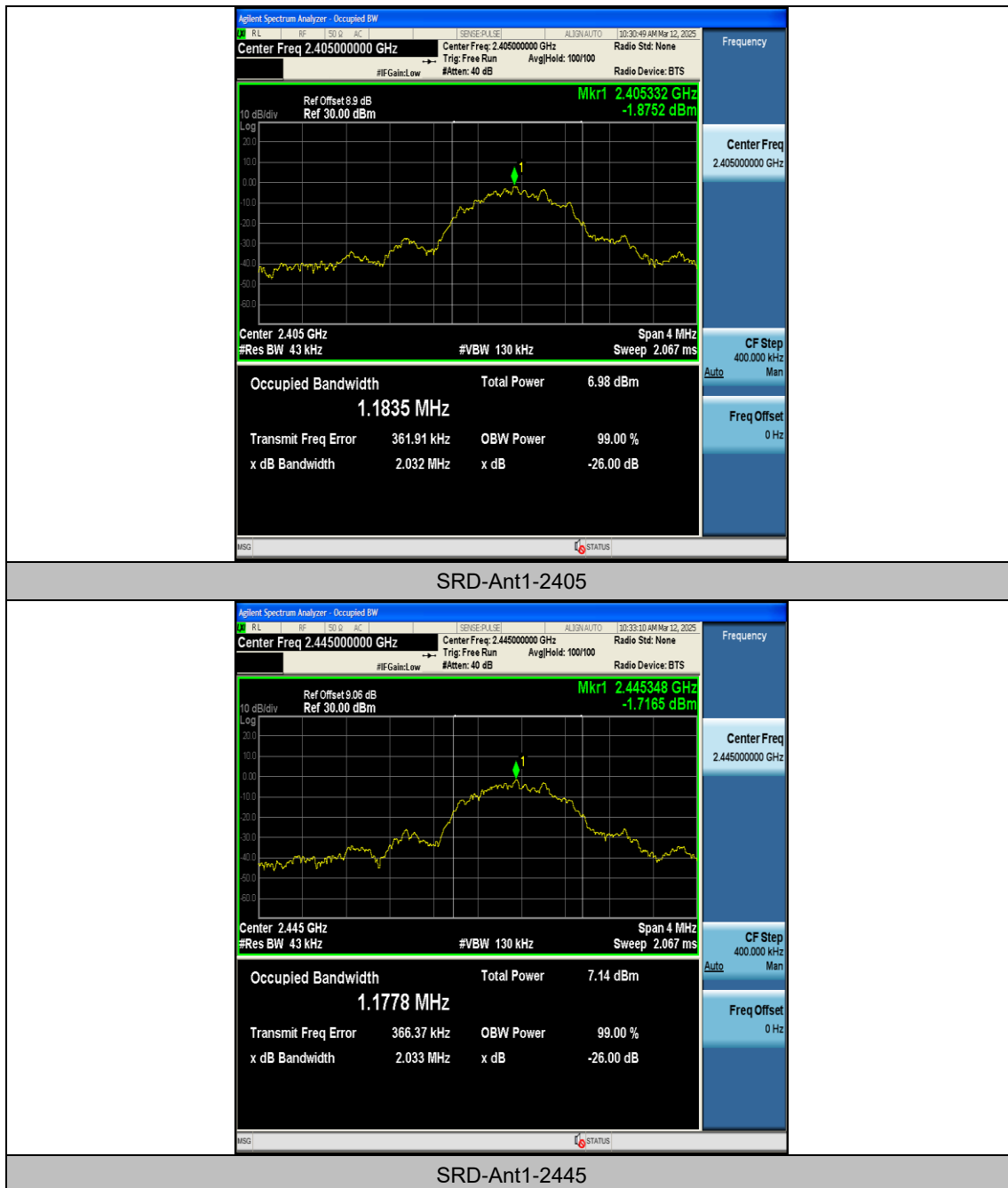


Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	1.1835	2404.7702	2405.9537	---	---
SRD	Ant1	2445	1.1778	2444.7775	2445.9553	---	---
SRD	Ant1	2475	1.1837	2474.7795	2475.9632	---	---

Test Graphs



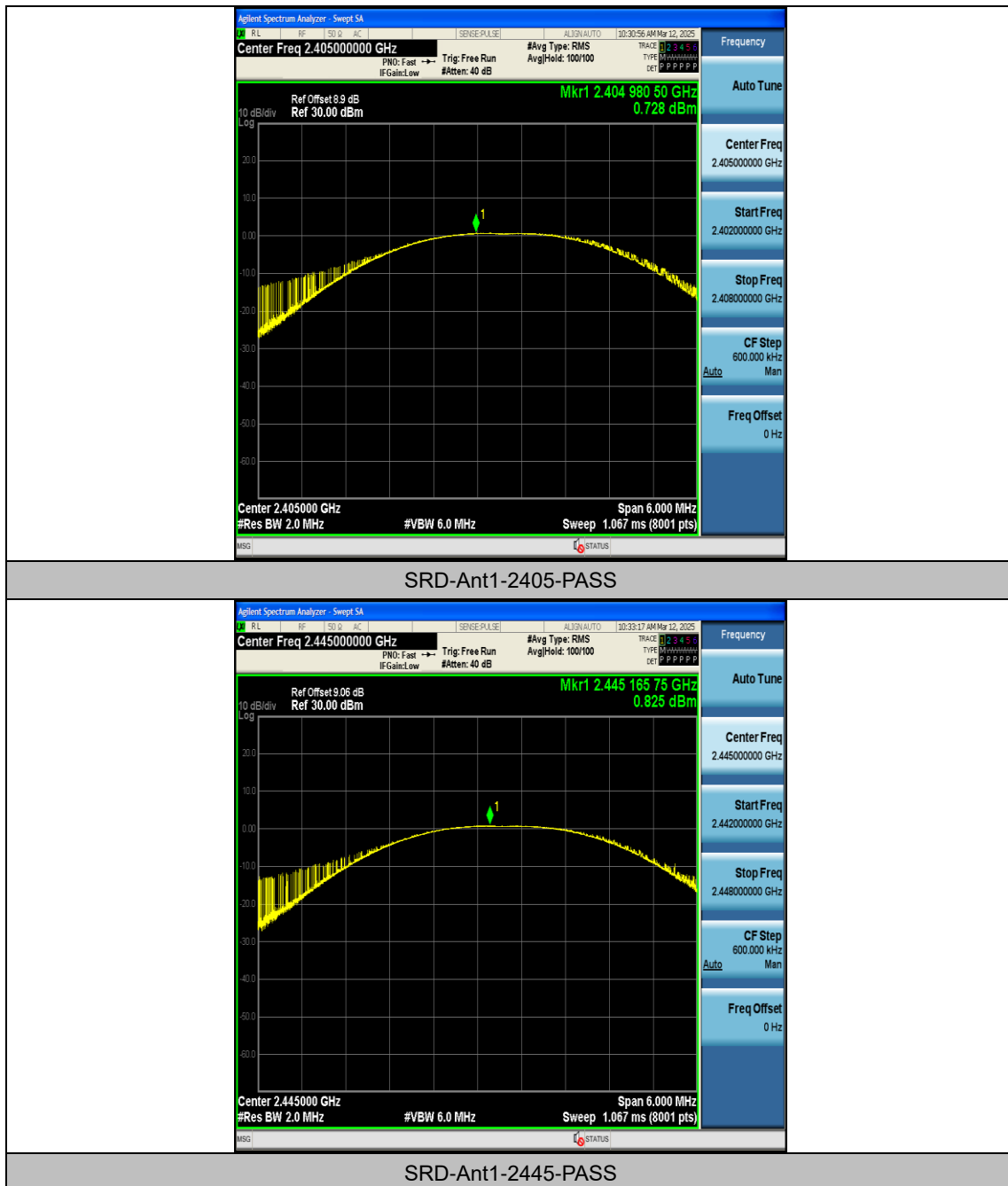


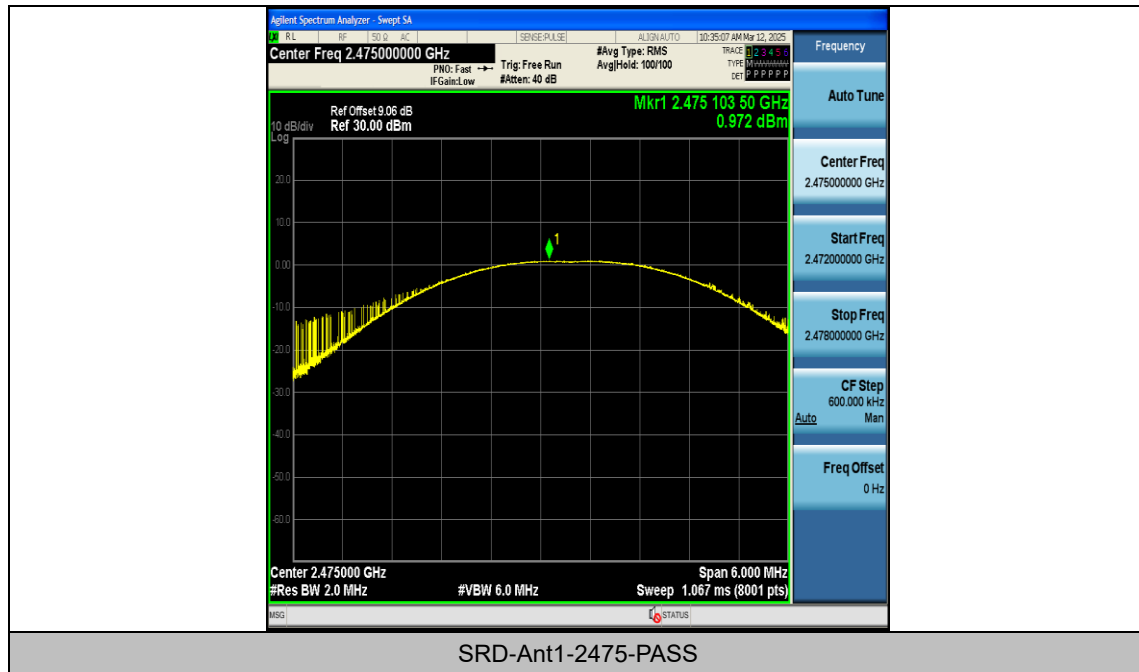
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2405	0.73	≤30	PASS
SRD	Ant1	2445	0.83	≤30	PASS
SRD	Ant1	2475	0.97	≤30	PASS

Test Graphs Peak



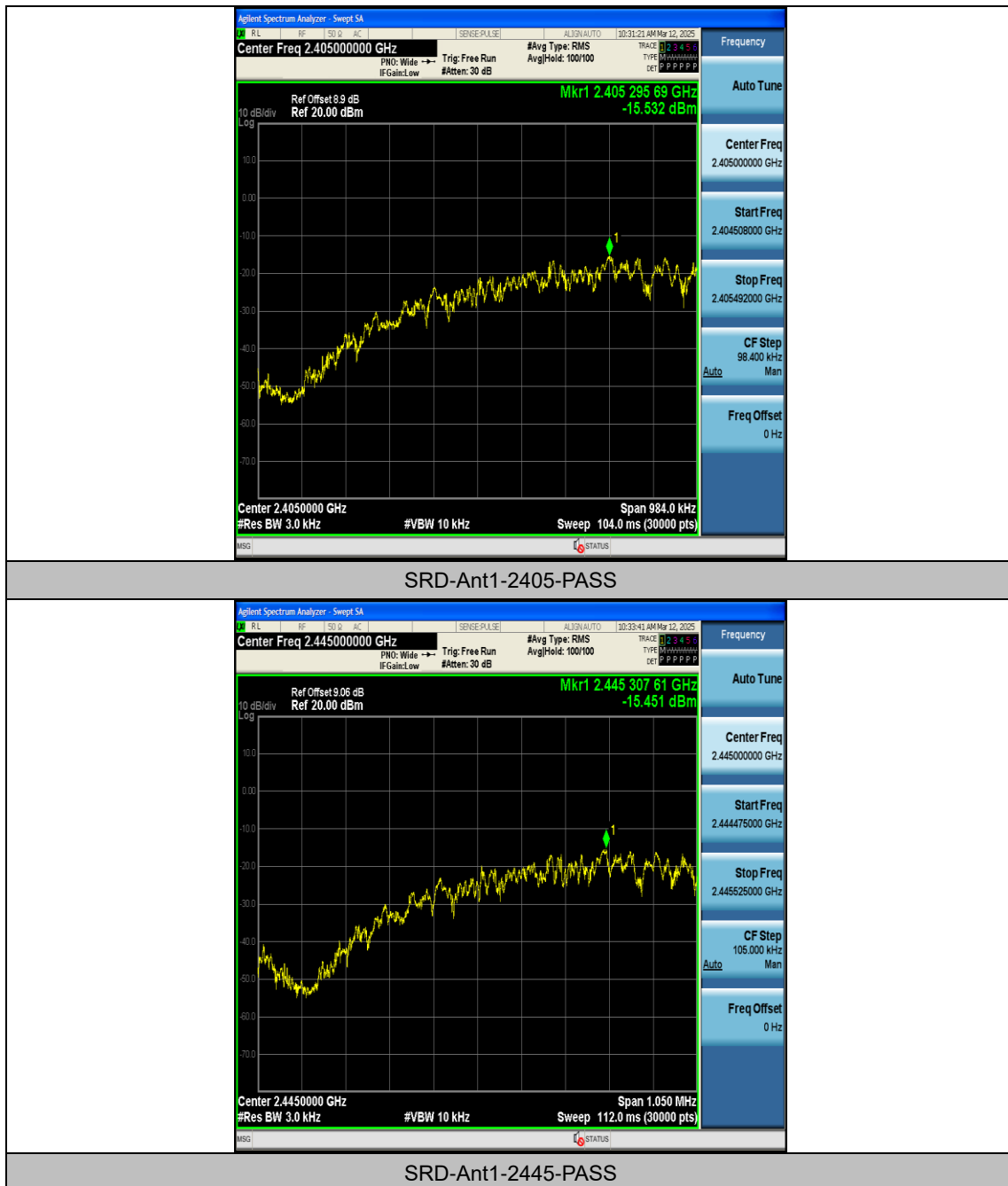


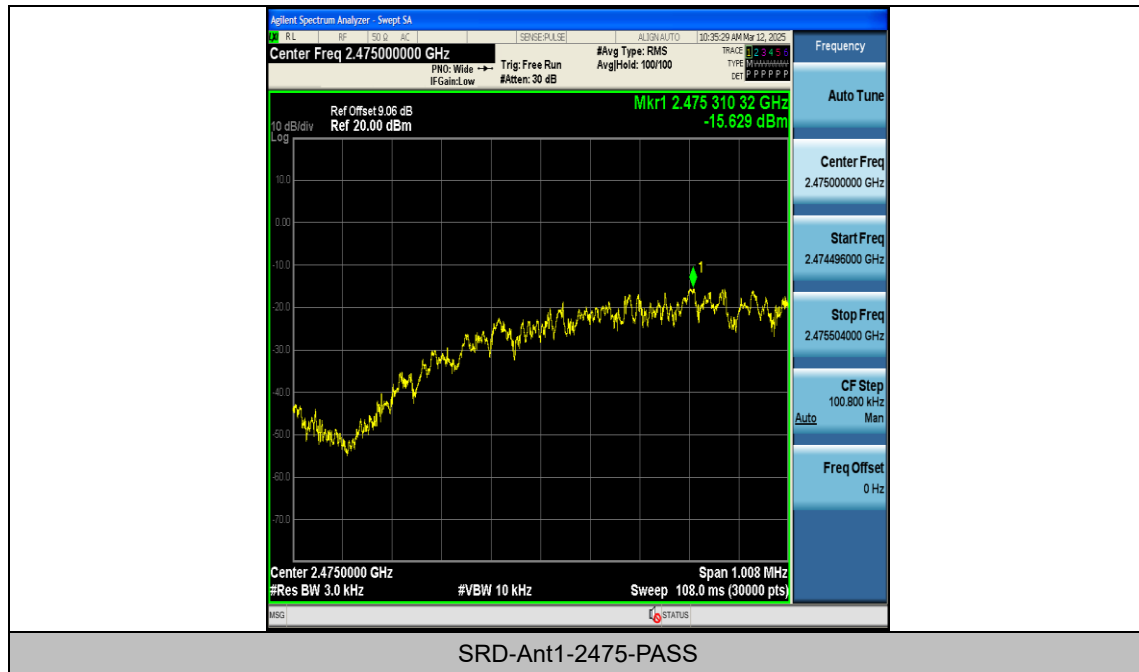
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2405	-15.53	≤8.00	PASS
SRD	Ant1	2445	-15.45	≤8.00	PASS
SRD	Ant1	2475	-15.63	≤8.00	PASS

Test Graphs



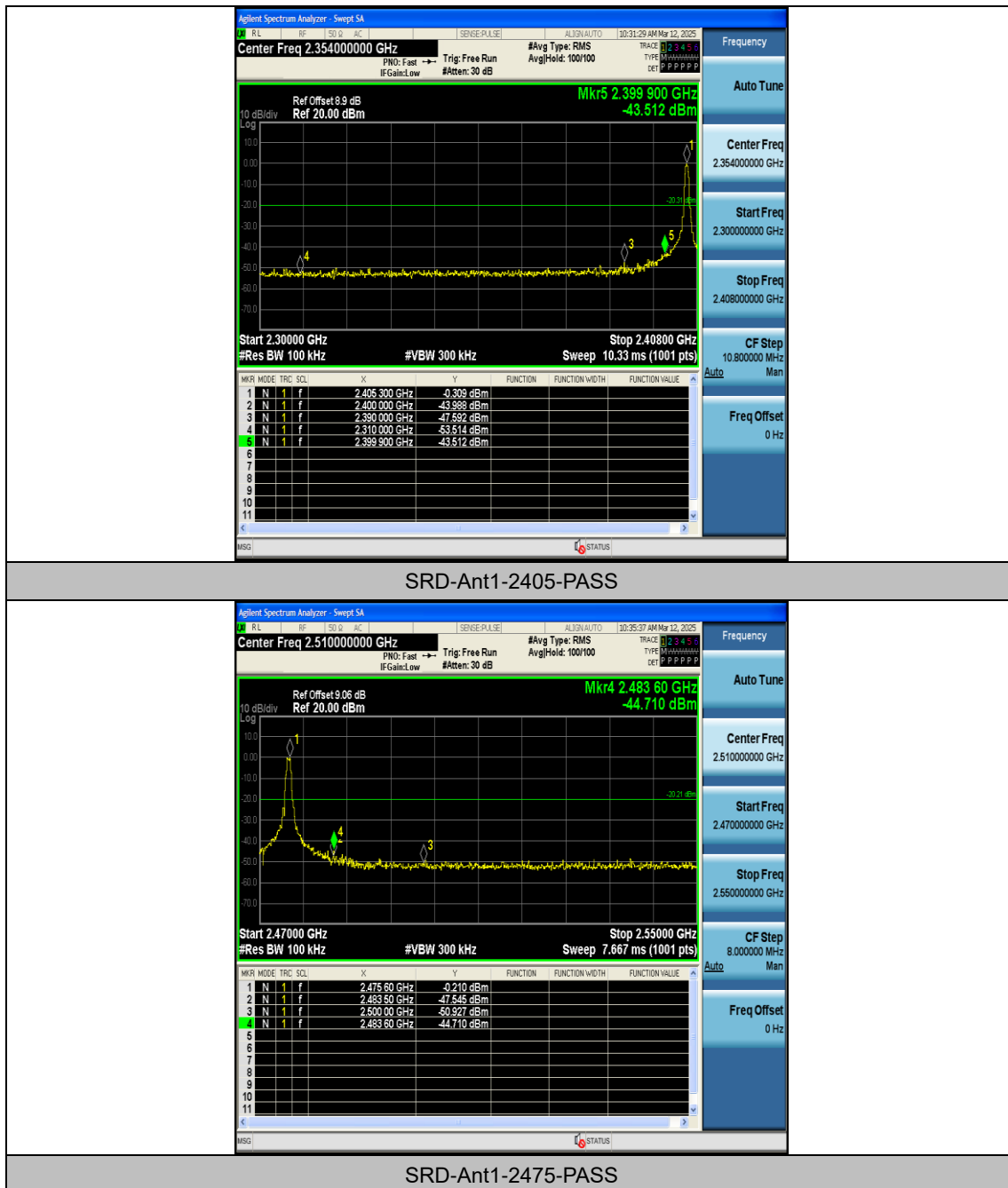


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	-0.31	-43.51	≤ -20.31	PASS
SRD	Ant1	High	2475	-0.21	-44.71	≤ -20.21	PASS

Test Graphs

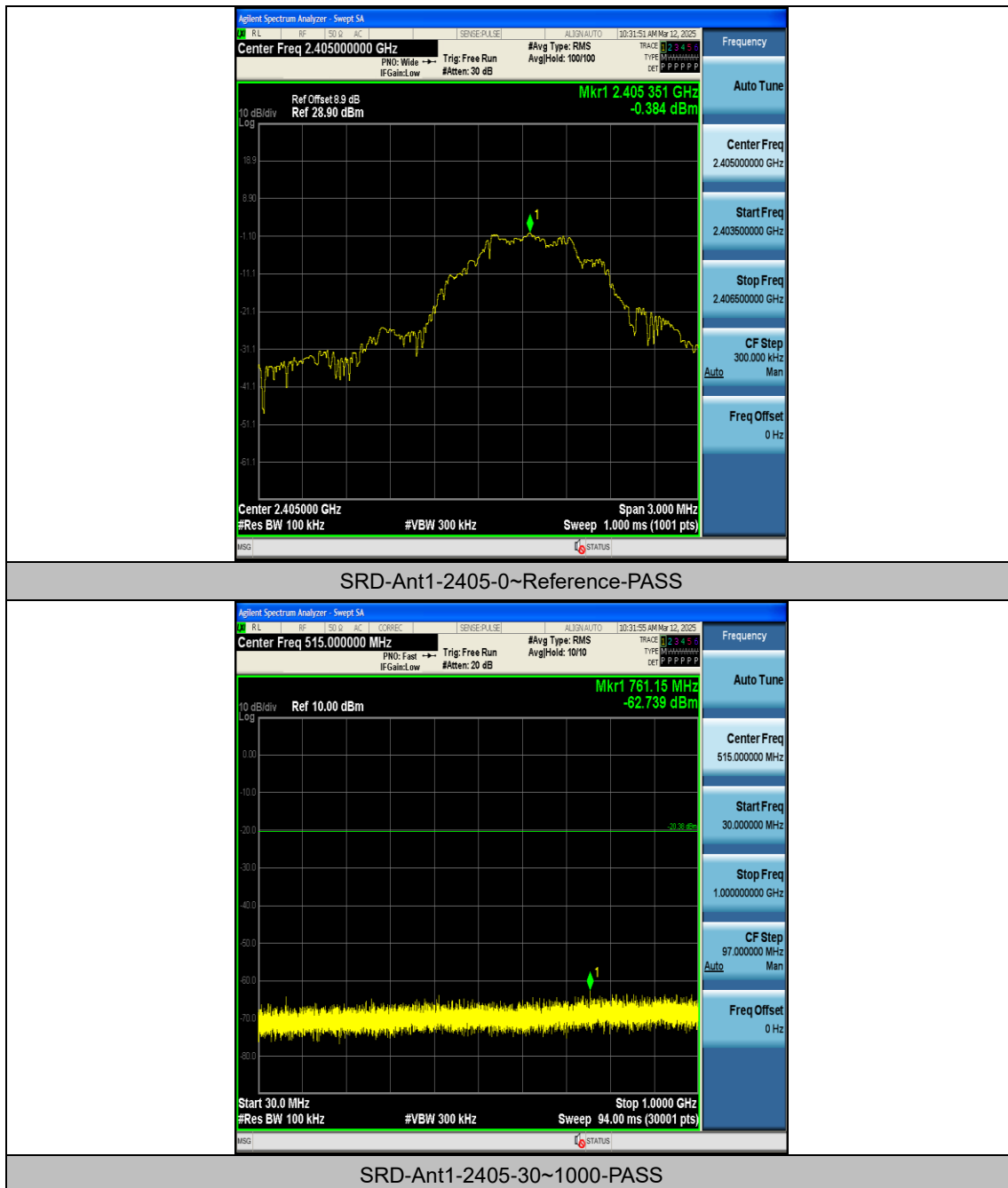


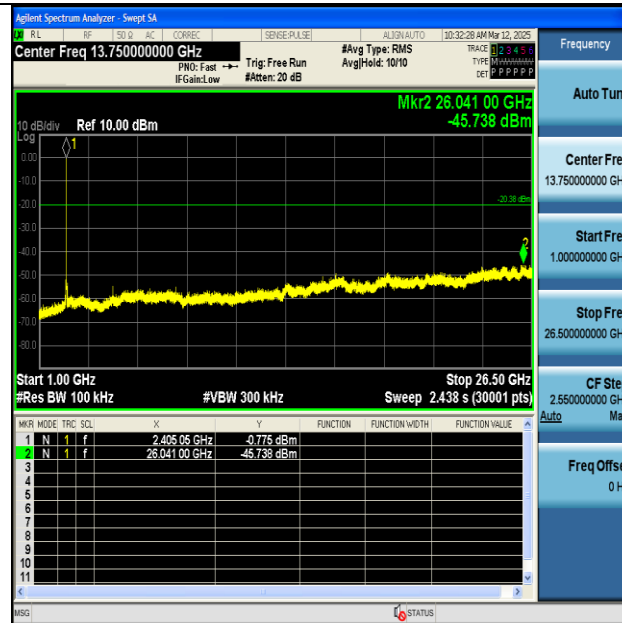
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2405	0~Reference	-0.38	-0.38	---	PASS
SRD	Ant1	2405	30~1000	-0.38	-62.74	≤-20.38	PASS
SRD	Ant1	2405	1000~26500	-0.38	-45.74	≤-20.38	PASS
SRD	Ant1	2445	0~Reference	-0.35	-0.35	---	PASS
SRD	Ant1	2445	30~1000	-0.35	-62.83	≤-20.35	PASS
SRD	Ant1	2445	1000~26500	-0.35	-44.39	≤-20.35	PASS
SRD	Ant1	2475	0~Reference	-0.14	-0.14	---	PASS
SRD	Ant1	2475	30~1000	-0.14	-63.03	≤-20.14	PASS
SRD	Ant1	2475	1000~26500	-0.14	-45.82	≤-20.14	PASS

Test Graphs

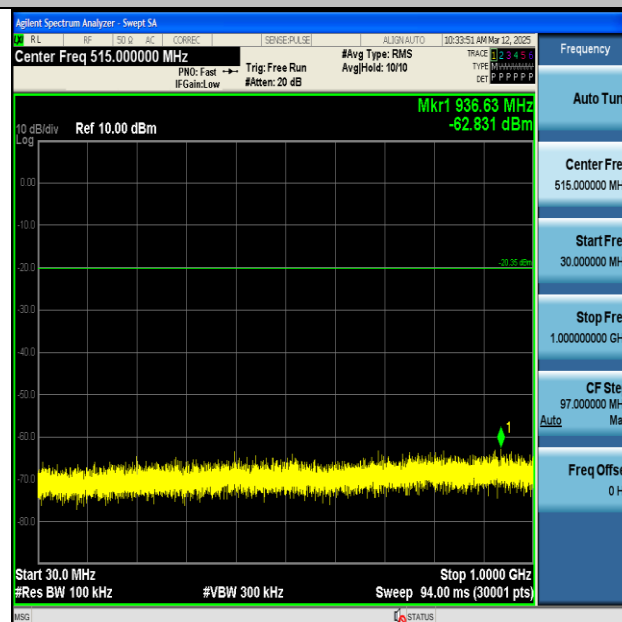




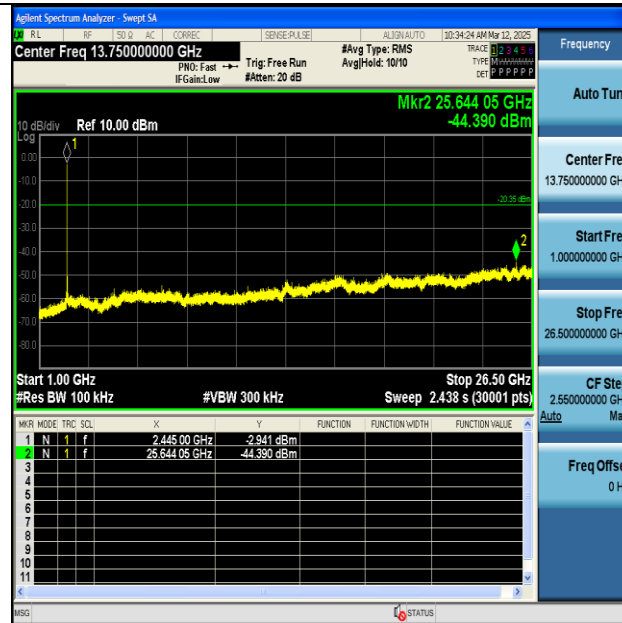
SRD-Ant1-2405-1000~26500-PASS



SRD-Ant1-2445-0~Reference-PASS



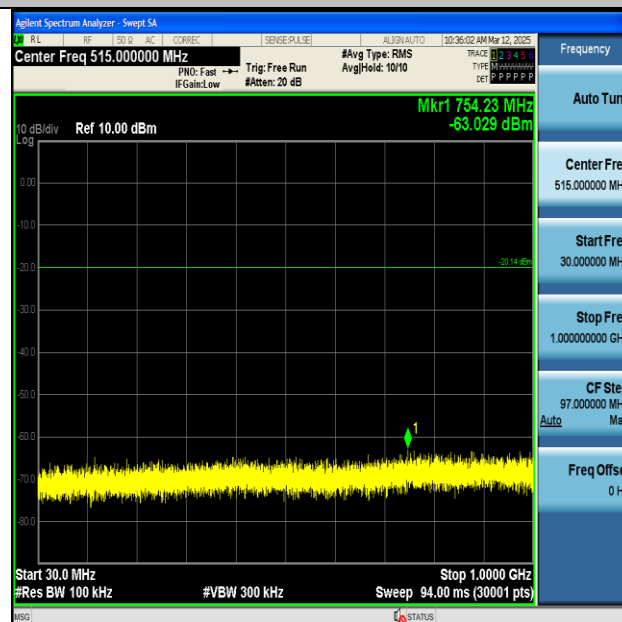
SRD-Ant1-2445-30~1000-PASS



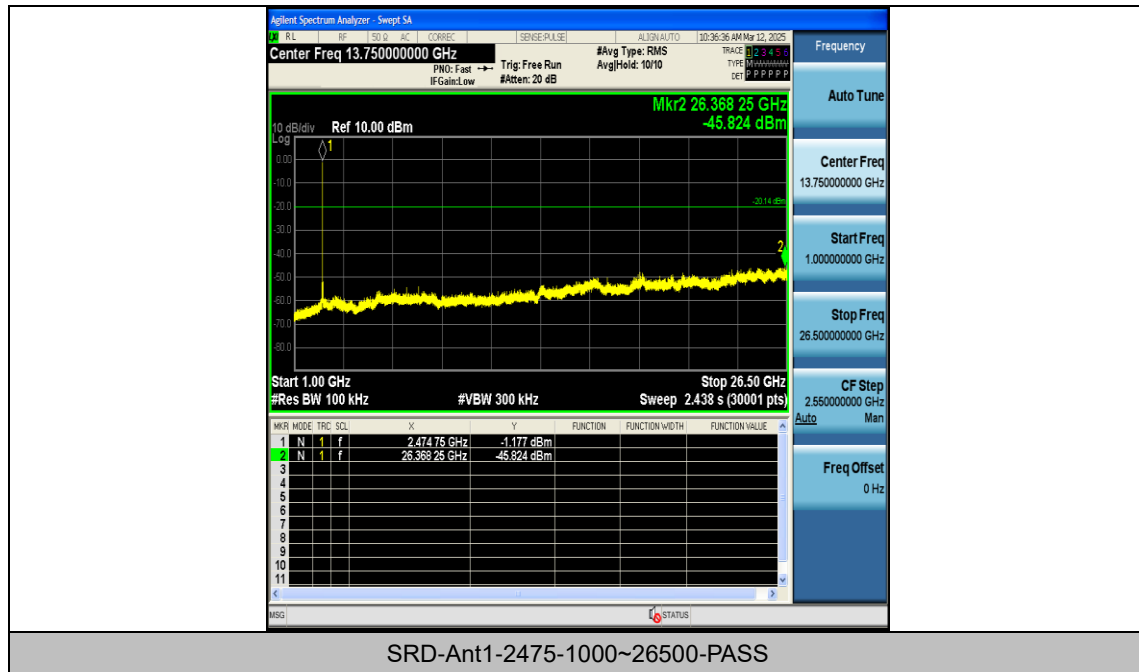
SRD-Ant1-2445-1000~26500-PASS



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	0.16	0.29	55.17	2.58
SRD	Ant1	2445	0.16	0.29	55.17	2.58
SRD	Ant1	2475	0.16	0.29	55.17	2.58

Test Graphs

