

Appendix Test Data for SRD (Conducted Measurement)

Product Name: ELECTRIC TOYS

Trade Mark: N/A

Test Model: 128A-36

FCC ID: 2BA3U123456

Environmental Conditions

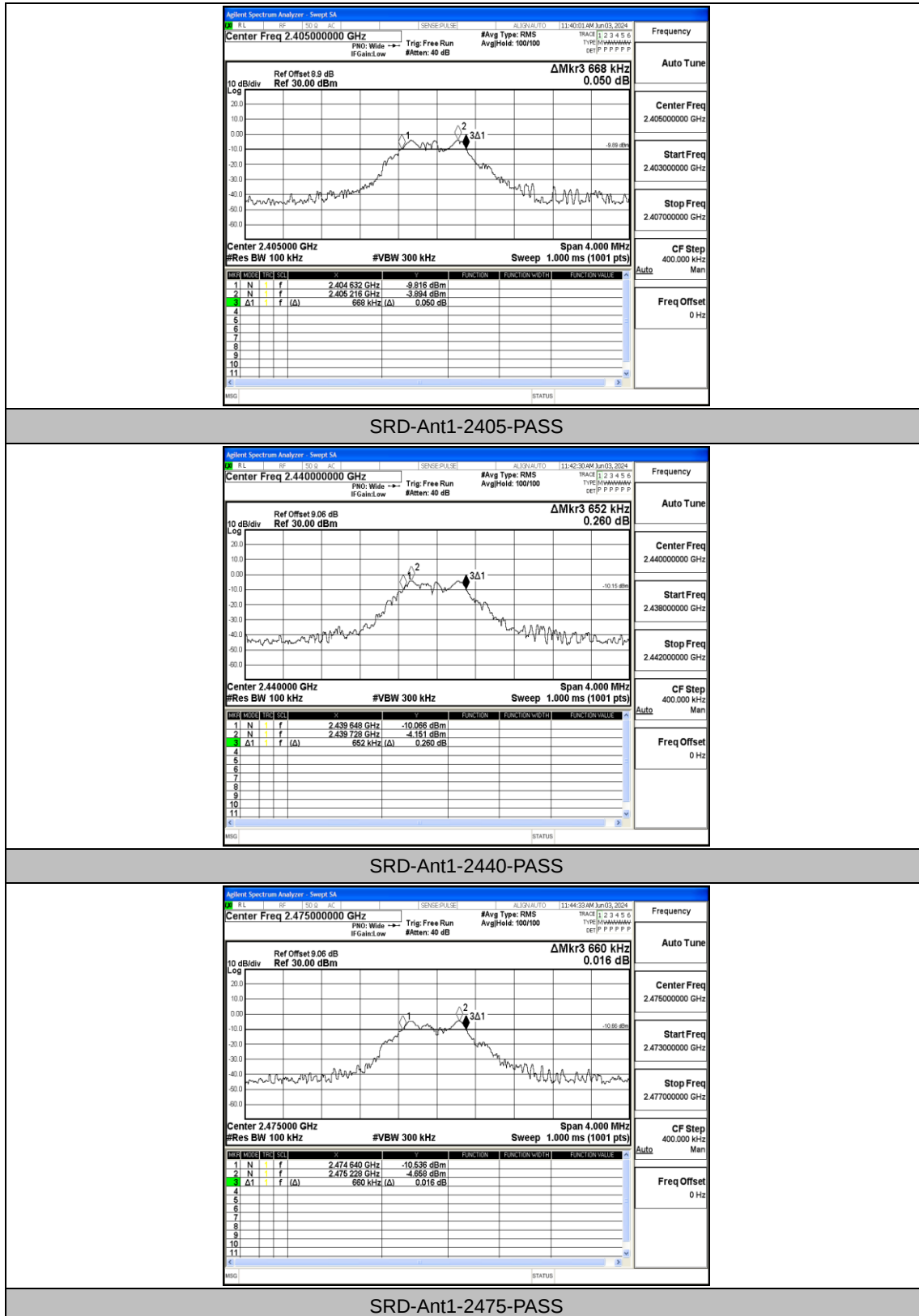
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	0.668	2404.632	2405.300	0.5	PASS
SRD	Ant1	2440	0.652	2439.648	2440.300	0.5	PASS
SRD	Ant1	2475	0.660	2474.640	2475.300	0.5	PASS

Test Graphs

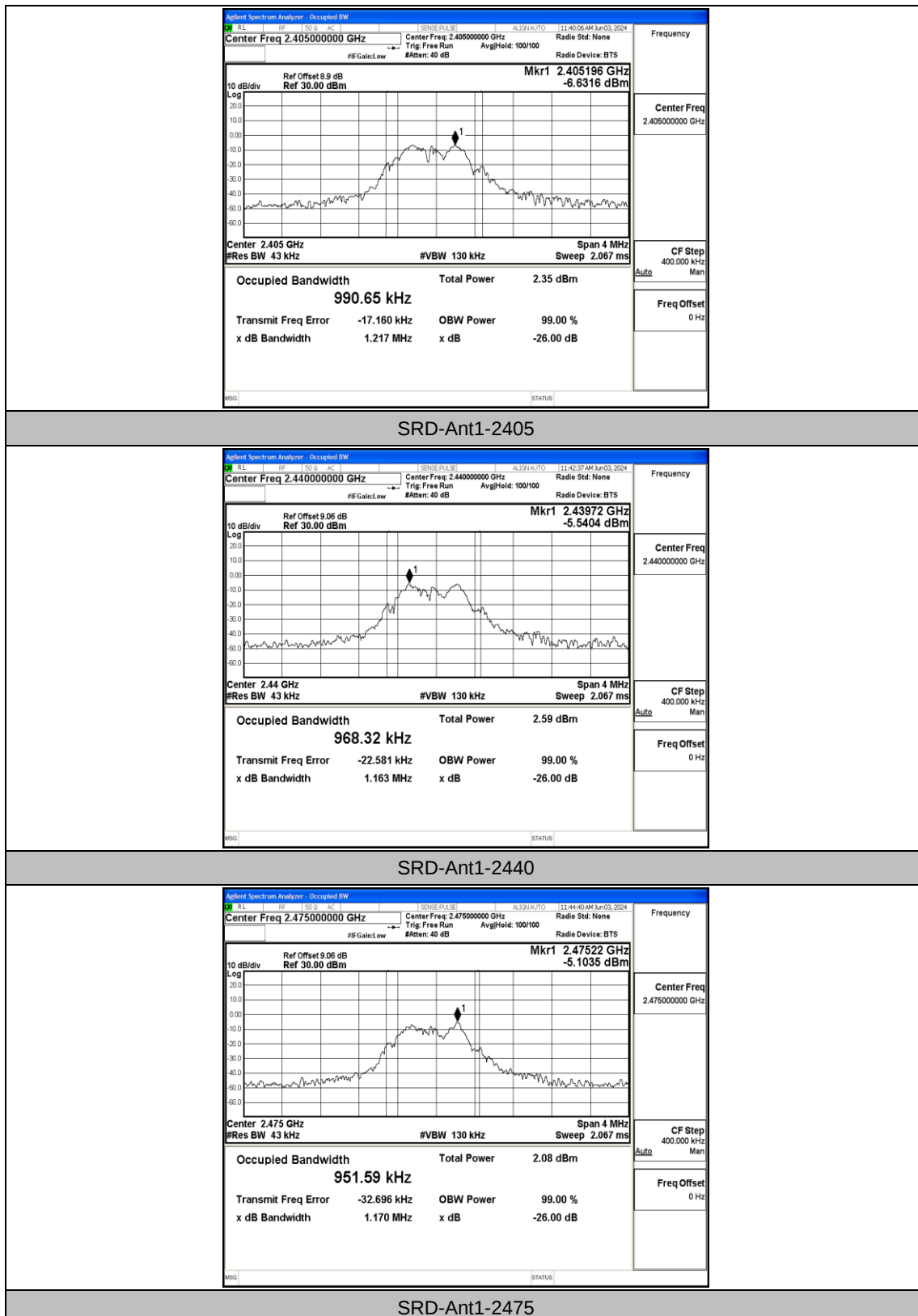


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	0.99065	2404.4875	2405.4782	---	---
SRD	Ant1	2440	0.96832	2439.4933	2440.4616	---	---
SRD	Ant1	2475	0.95159	2474.4915	2475.4431	---	---

Test Graphs

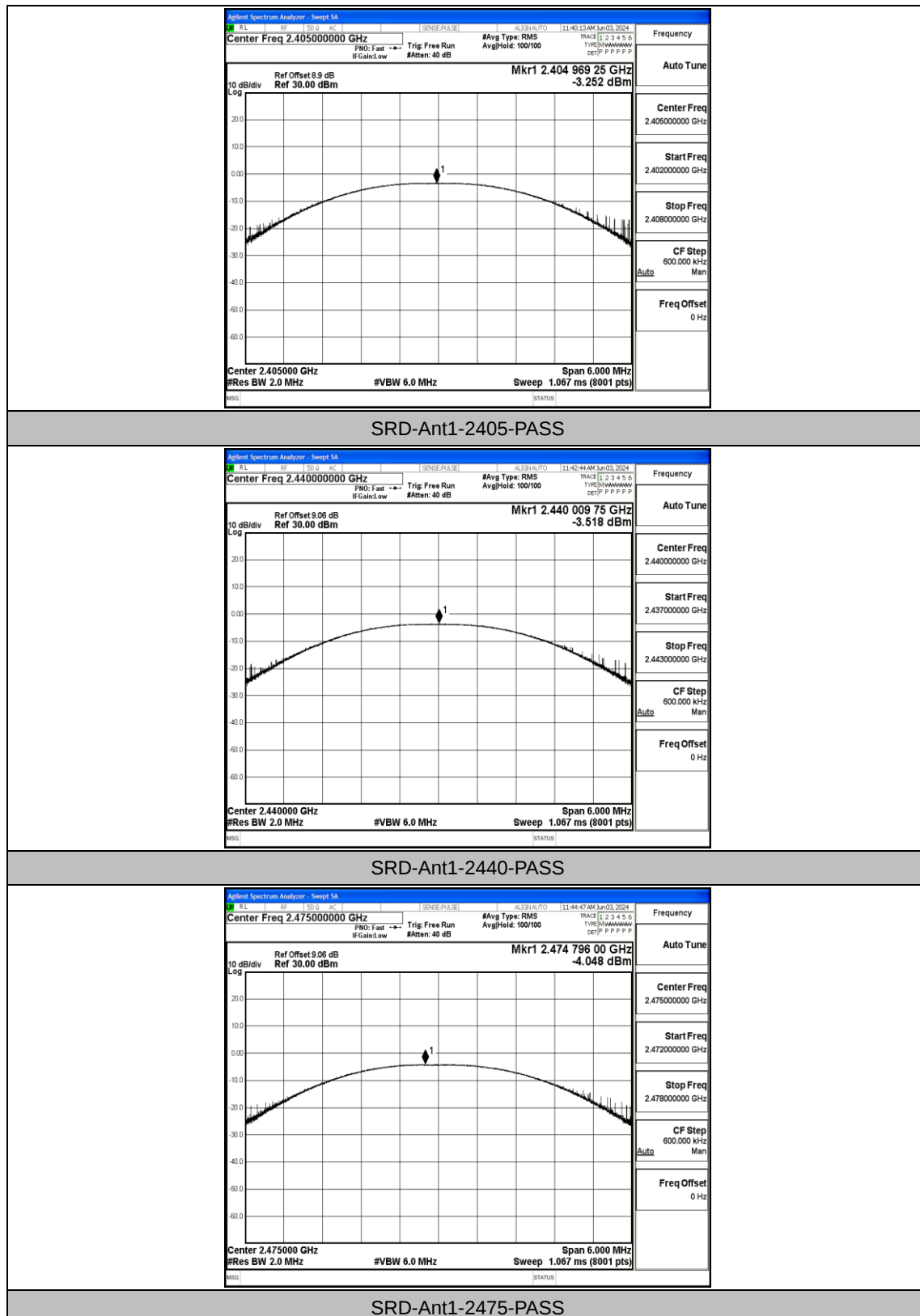


Appendix C: Maximum peak conducted output power

Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2405	-3.25	≤30	PASS
SRD	Ant1	2440	-3.52	≤30	PASS
SRD	Ant1	2475	-4.05	≤30	PASS

Test Graphs Peak

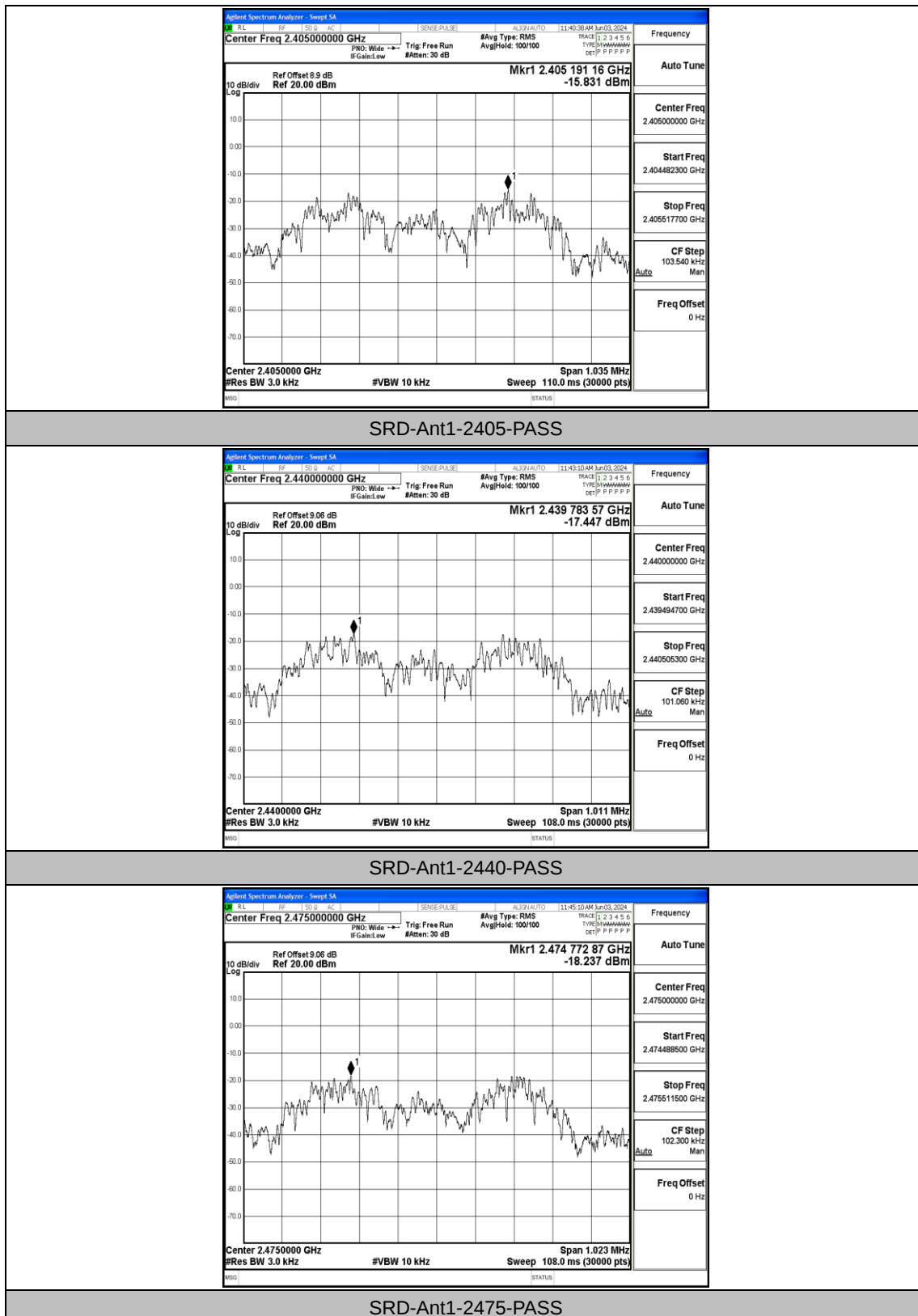


Appendix D: Maximum peak power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2405	-15.83	≤8.00	PASS
SRD	Ant1	2440	-17.45	≤8.00	PASS
SRD	Ant1	2475	-18.24	≤8.00	PASS

Test Graphs

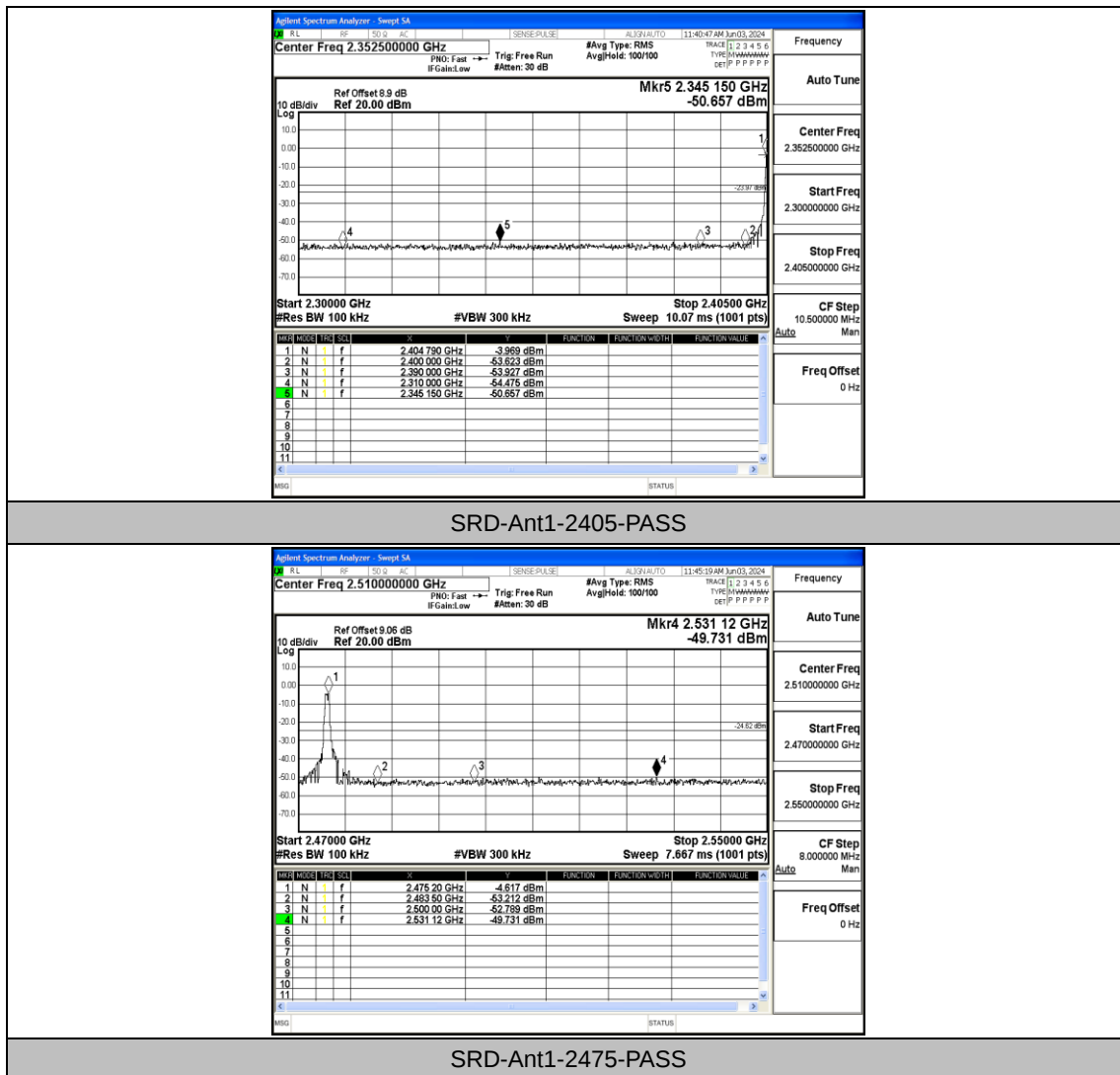


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	-3.97	-50.66	≤-23.97	PASS
SRD	Ant1	High	2475	-4.62	-49.73	≤-24.62	PASS

Test Graphs

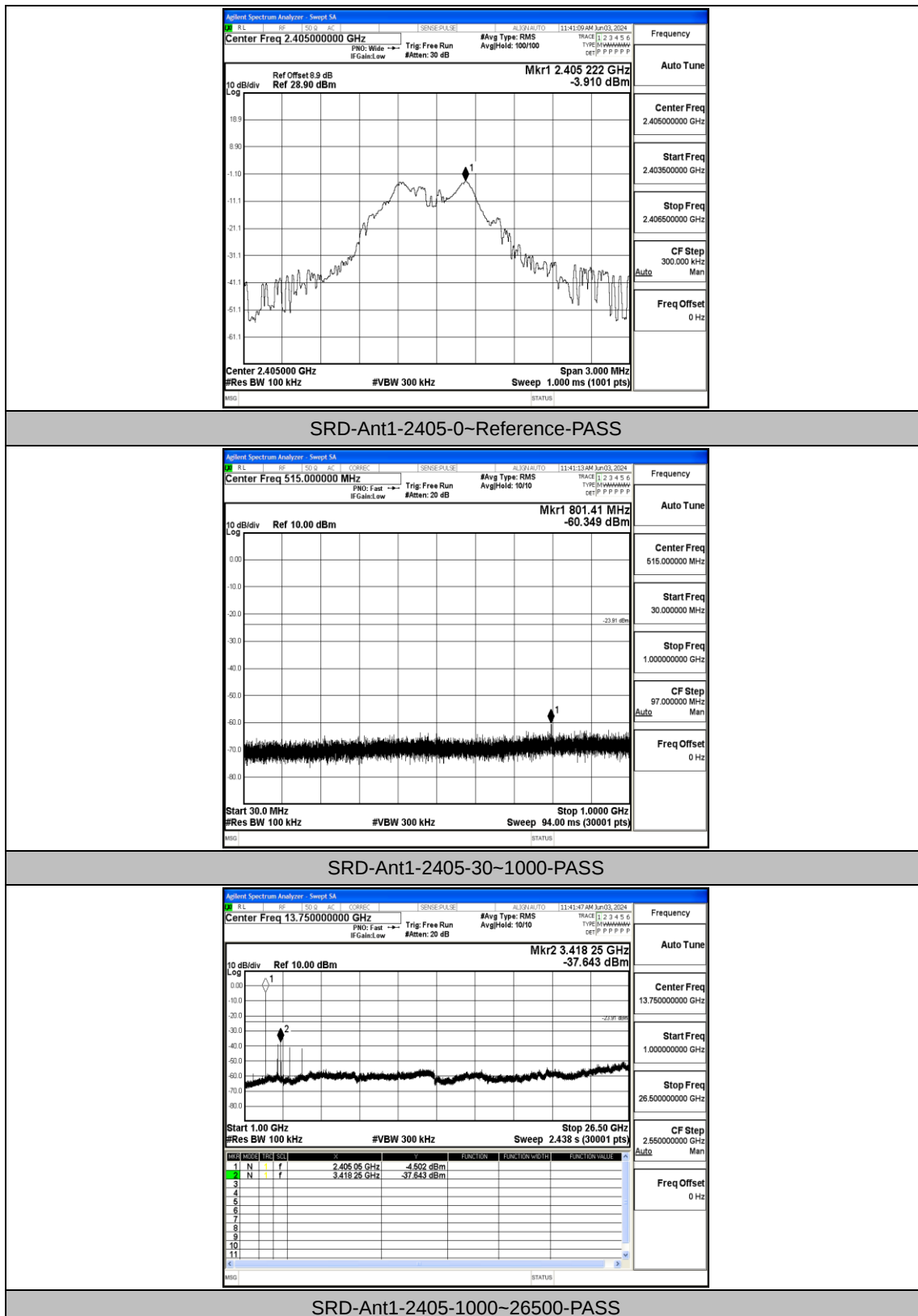


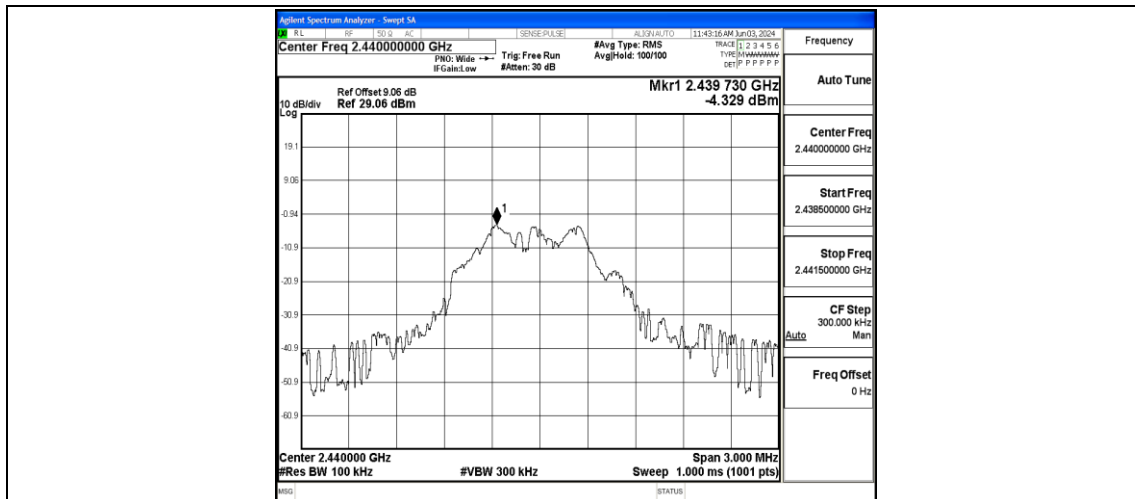
Appendix F: Conducted Spurious Emission

Test Result

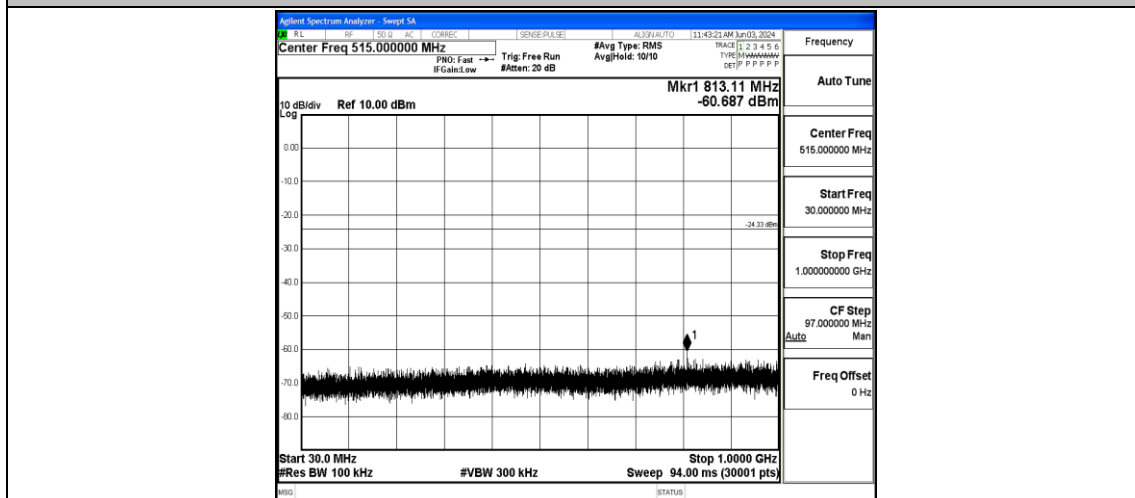
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2405	0~Reference	-3.91	-3.91	---	PASS
SRD	Ant1	2405	30~1000	-3.91	-60.35	≤-23.91	PASS
SRD	Ant1	2405	1000~26500	-3.91	-37.64	≤-23.91	PASS
SRD	Ant1	2440	0~Reference	-4.33	-4.33	---	PASS
SRD	Ant1	2440	30~1000	-4.33	-60.69	≤-24.33	PASS
SRD	Ant1	2440	1000~26500	-4.33	-37.44	≤-24.33	PASS
SRD	Ant1	2475	0~Reference	-4.60	-4.60	---	PASS
SRD	Ant1	2475	30~1000	-4.60	-61.04	≤-24.6	PASS
SRD	Ant1	2475	1000~26500	-4.60	-40.76	≤-24.6	PASS

Test Graphs

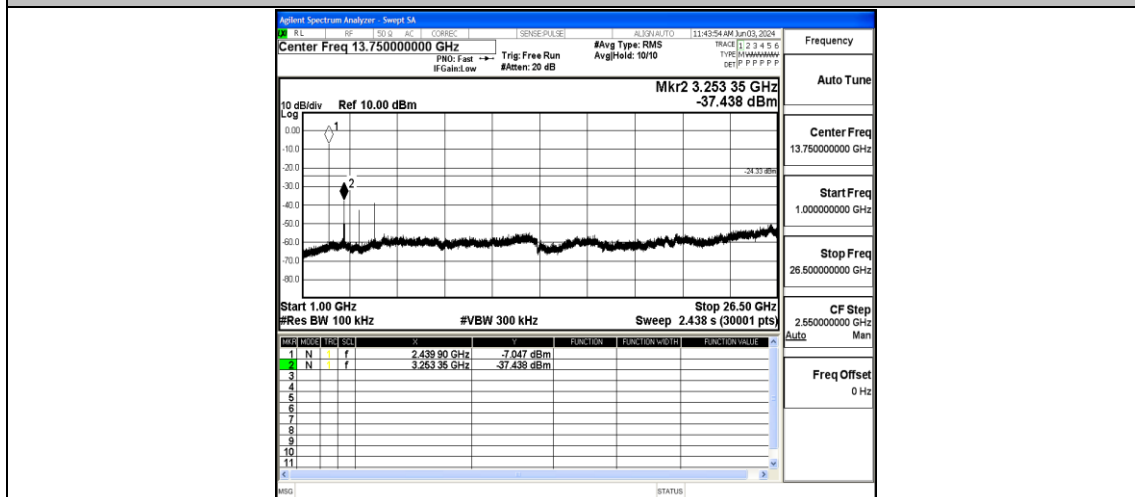




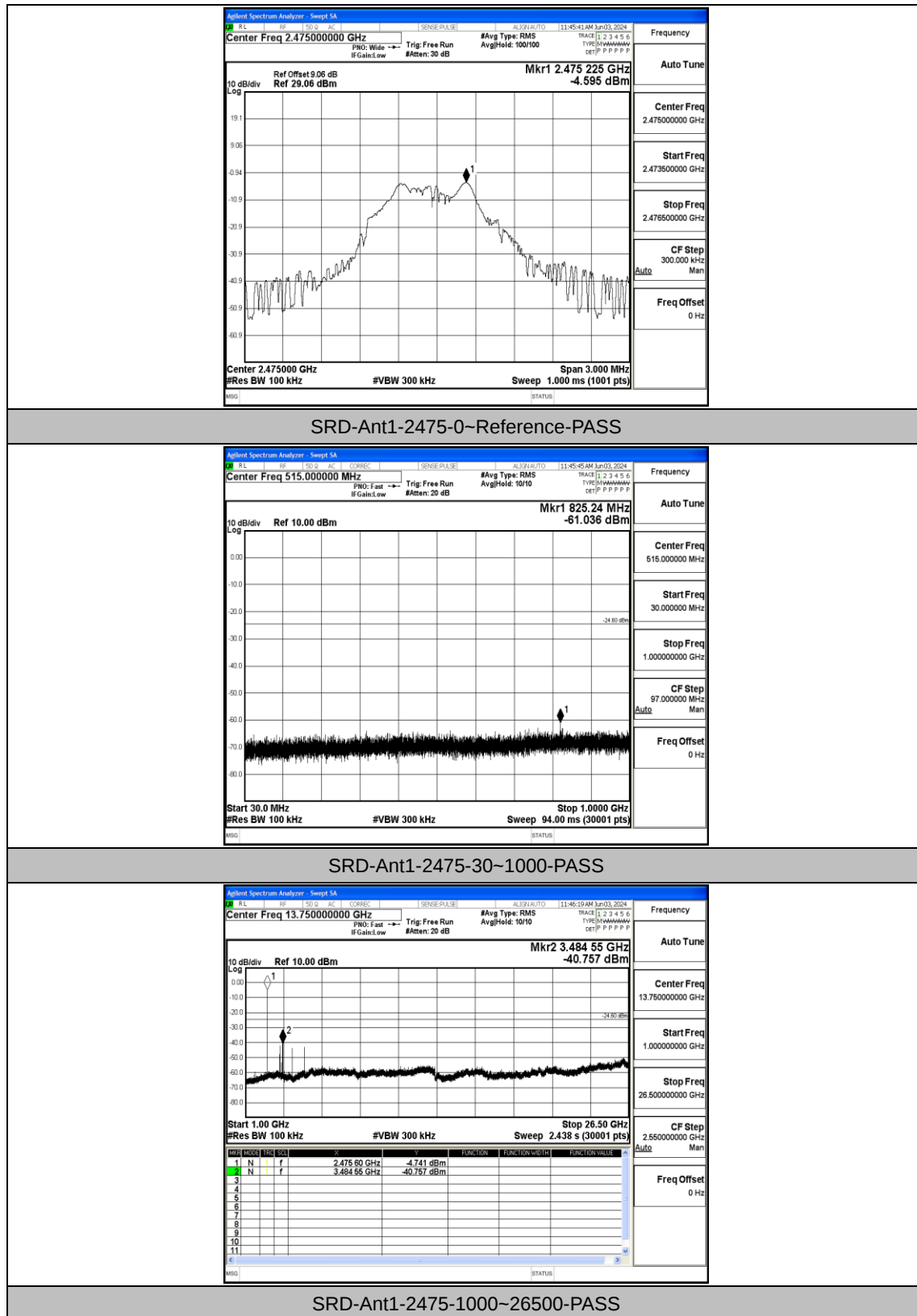
SRD-Ant1-2440-0~Reference-PASS



SRD-Ant1-2440-30~1000-PASS



SRD-Ant1-2440-1000~26500-PASS



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
SRD	Ant1	2405	0.36	1.01	35.64	4.48
SRD	Ant1	2440	0.36	1.00	36.00	4.44
SRD	Ant1	2475	0.36	1.01	35.64	4.48

Test Graphs

