

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Dongle

Trade Mark: /

Test Model: K302

FCC ID: 2BAKP-K302D

Environmental Conditions

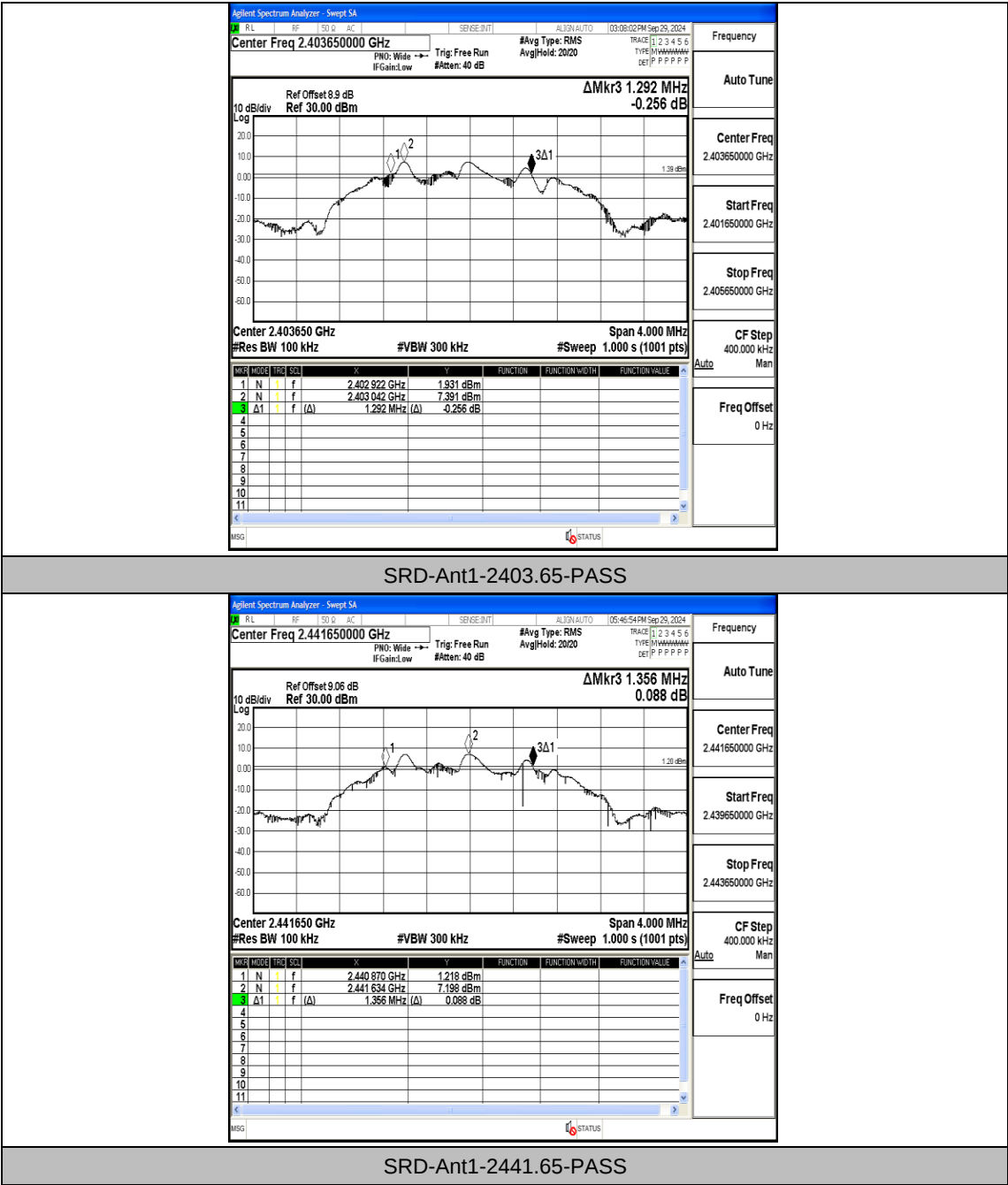
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

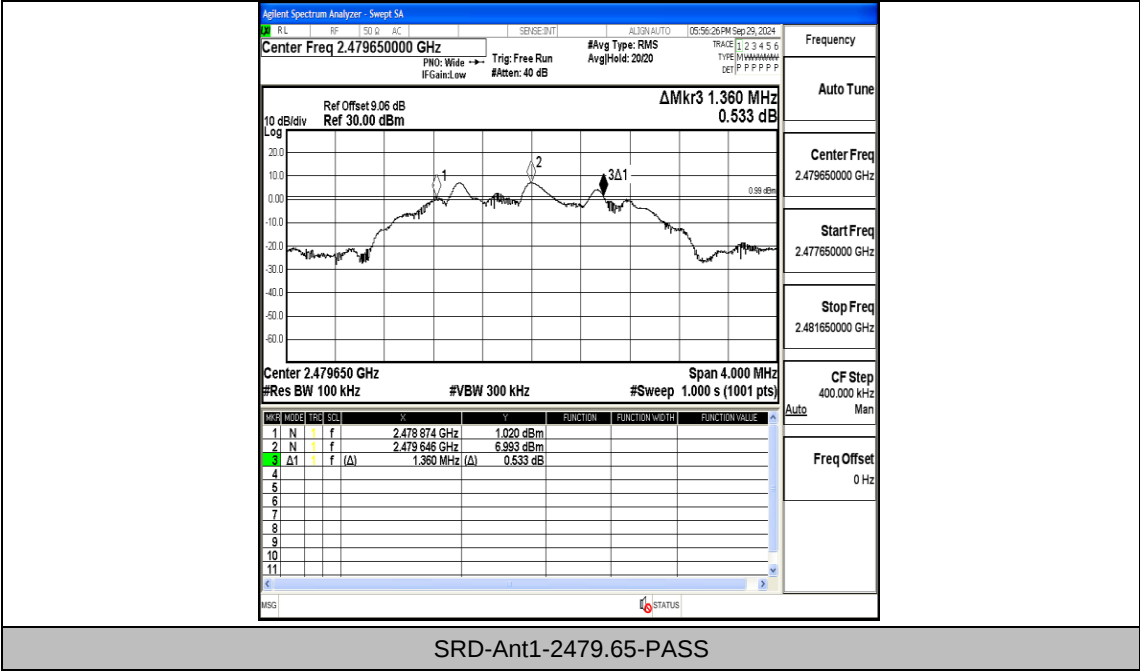
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2403.65	1.292	2402.922	2404.214	0.5	PASS
SRD	Ant1	2441.65	1.356	2440.870	2442.226	0.5	PASS
SRD	Ant1	2479.65	1.360	2478.874	2480.234	0.5	PASS

Test Graphs



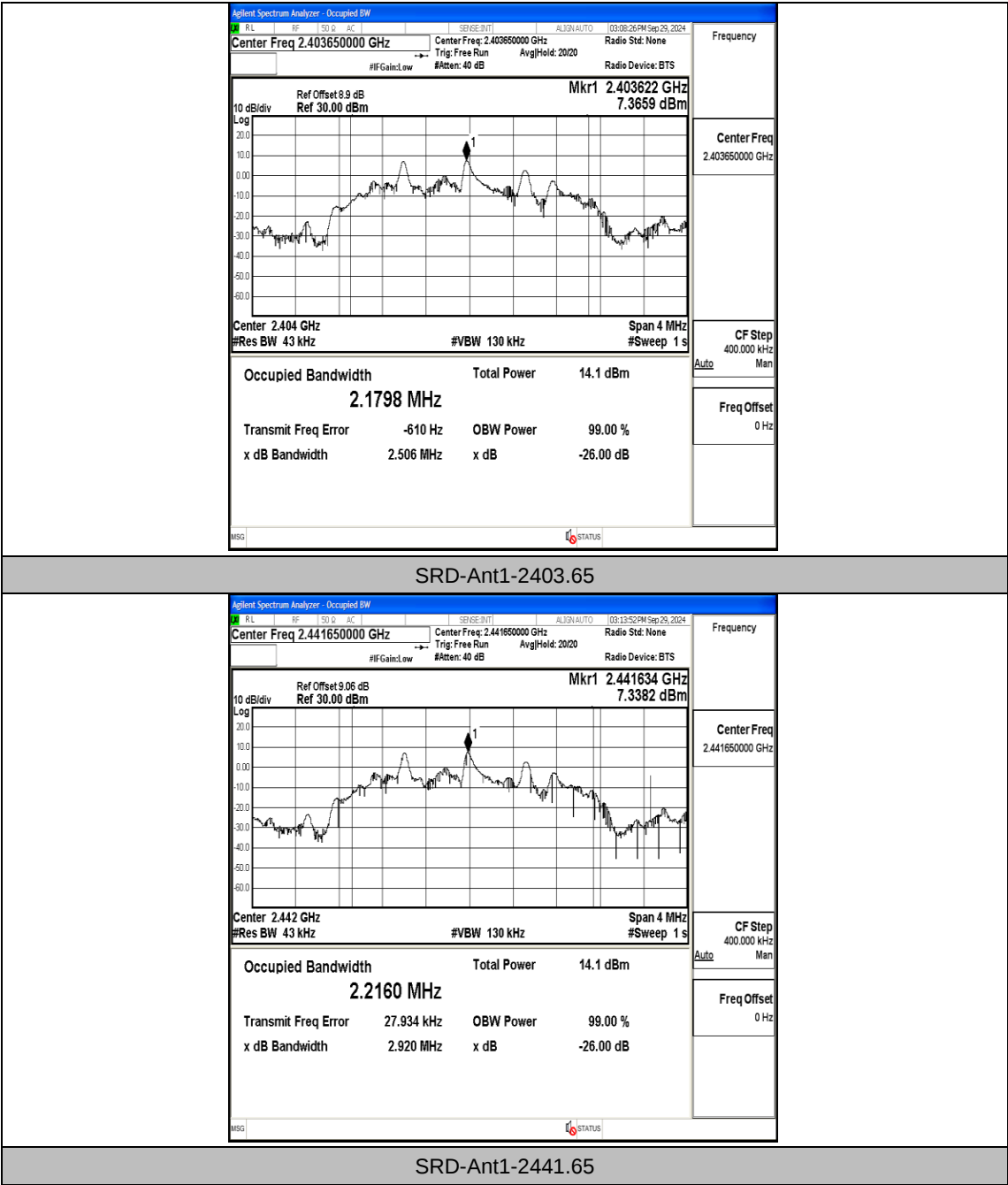


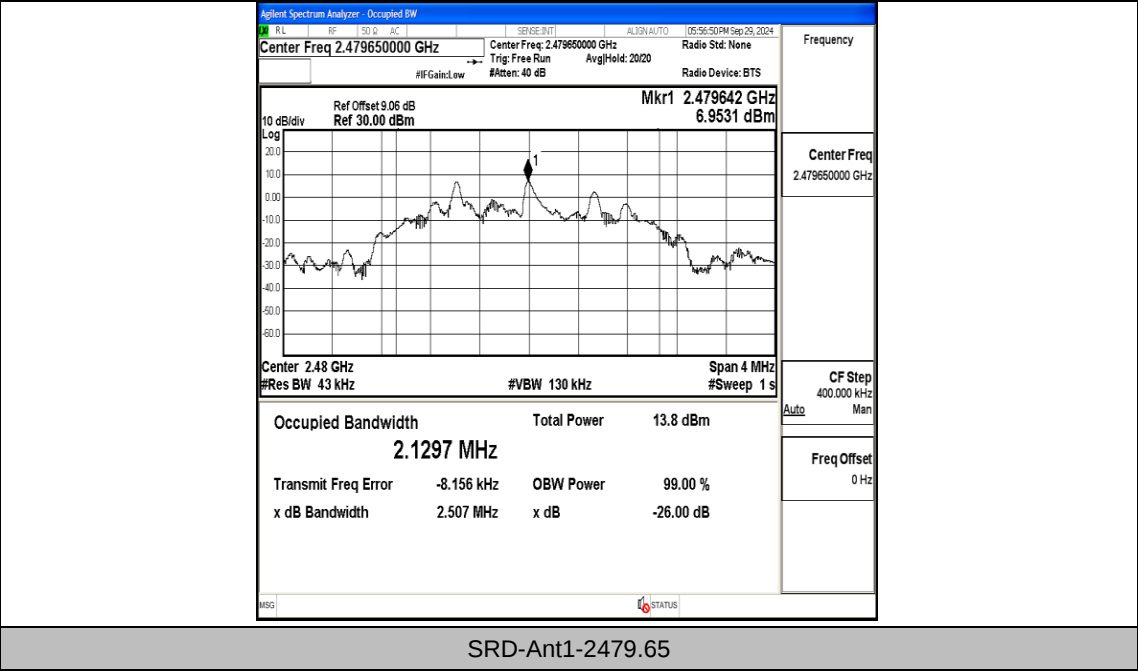
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2403.65	2.1798	2402.5595	2404.7393	---	---
SRD	Ant1	2441.65	2.2160	2440.5699	2442.7859	---	---
SRD	Ant1	2479.65	2.1297	2478.5770	2480.7067	---	---

Test Graphs



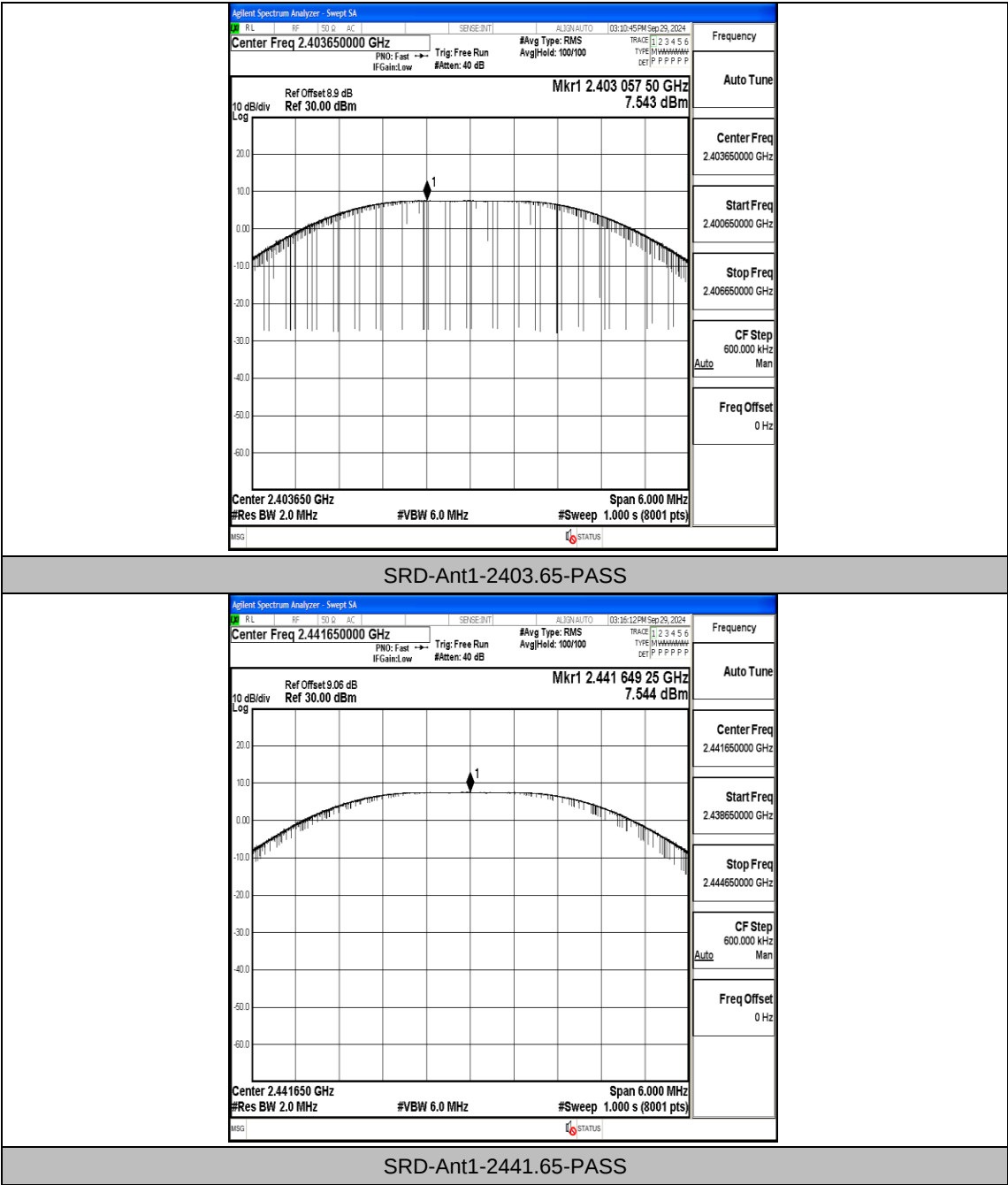


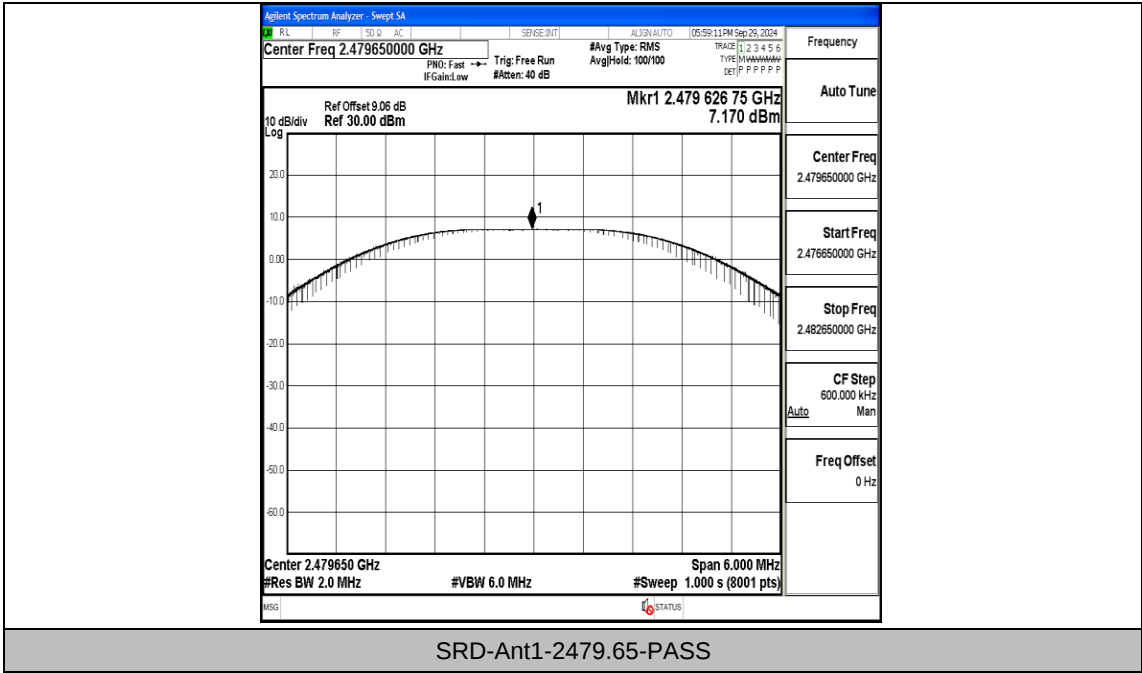
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2403.65	7.54	≤30	PASS
SRD	Ant1	2441.65	7.54	≤30	PASS
SRD	Ant1	2479.65	7.17	≤30	PASS

Test Graphs Peak



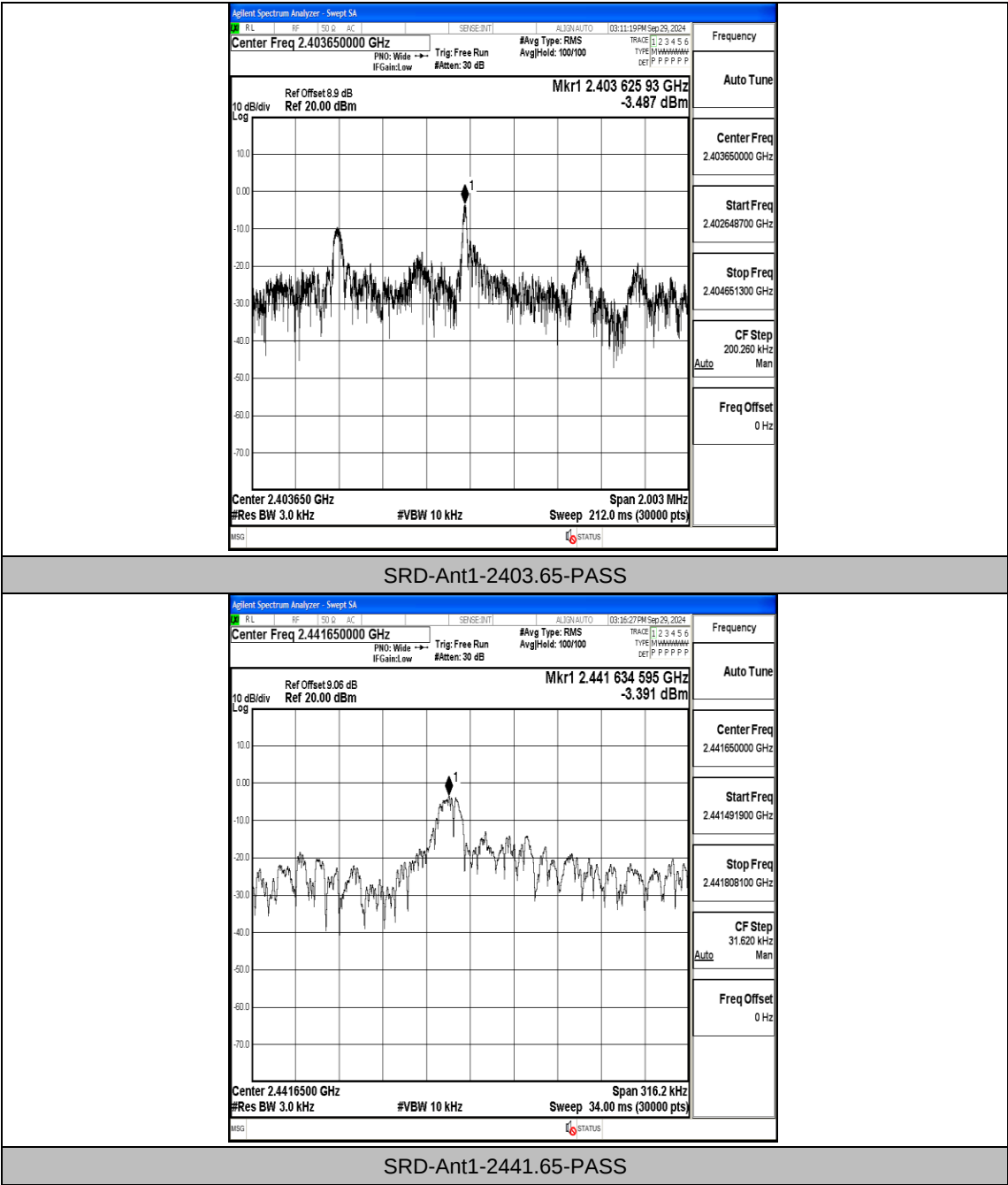


Appendix D: Maximum peak power spectral density

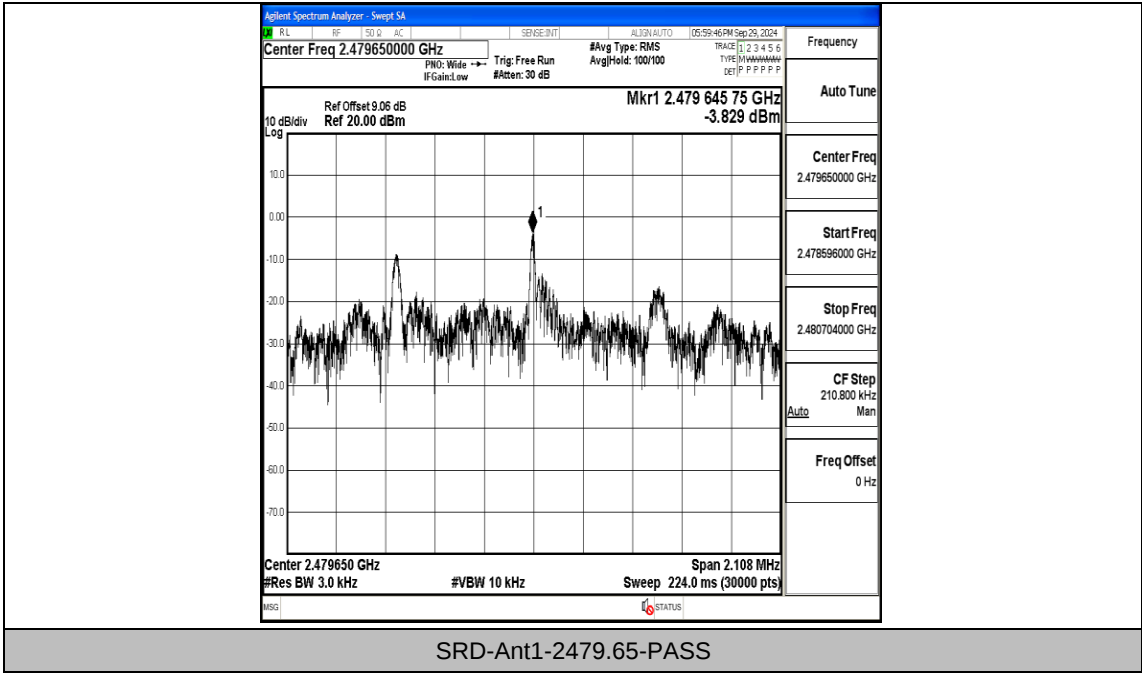
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2403.65	-3.49	≤8.00	PASS
SRD	Ant1	2441.65	-3.39	≤8.00	PASS
SRD	Ant1	2479.65	-3.83	≤8.00	PASS

Test Graphs



SRD-Ant1-2441.65-PASS

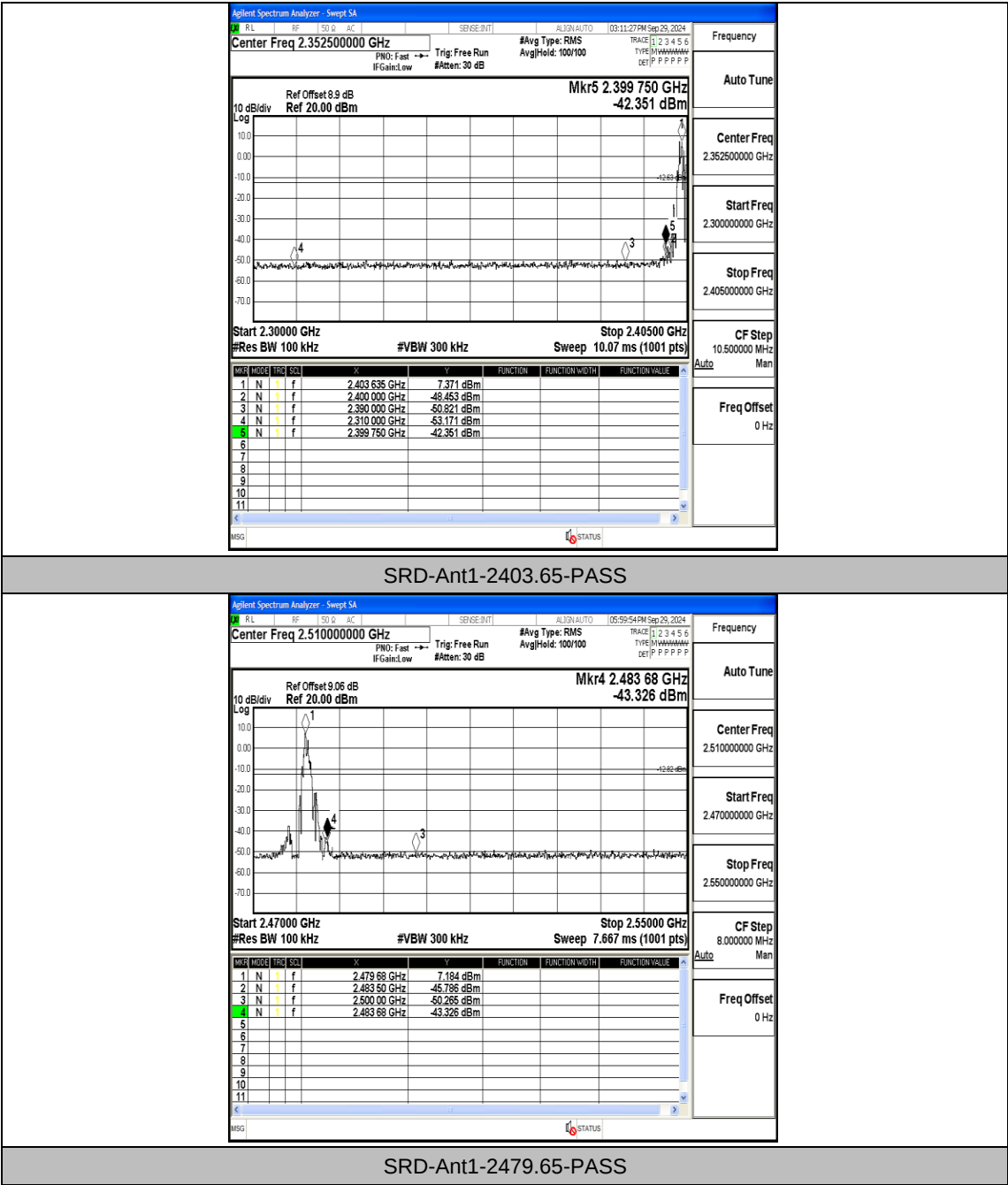


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2403.65	7.37	-42.35	≤ -12.63	PASS
SRD	Ant1	High	2479.65	7.18	-43.33	≤ -12.82	PASS

Test Graphs

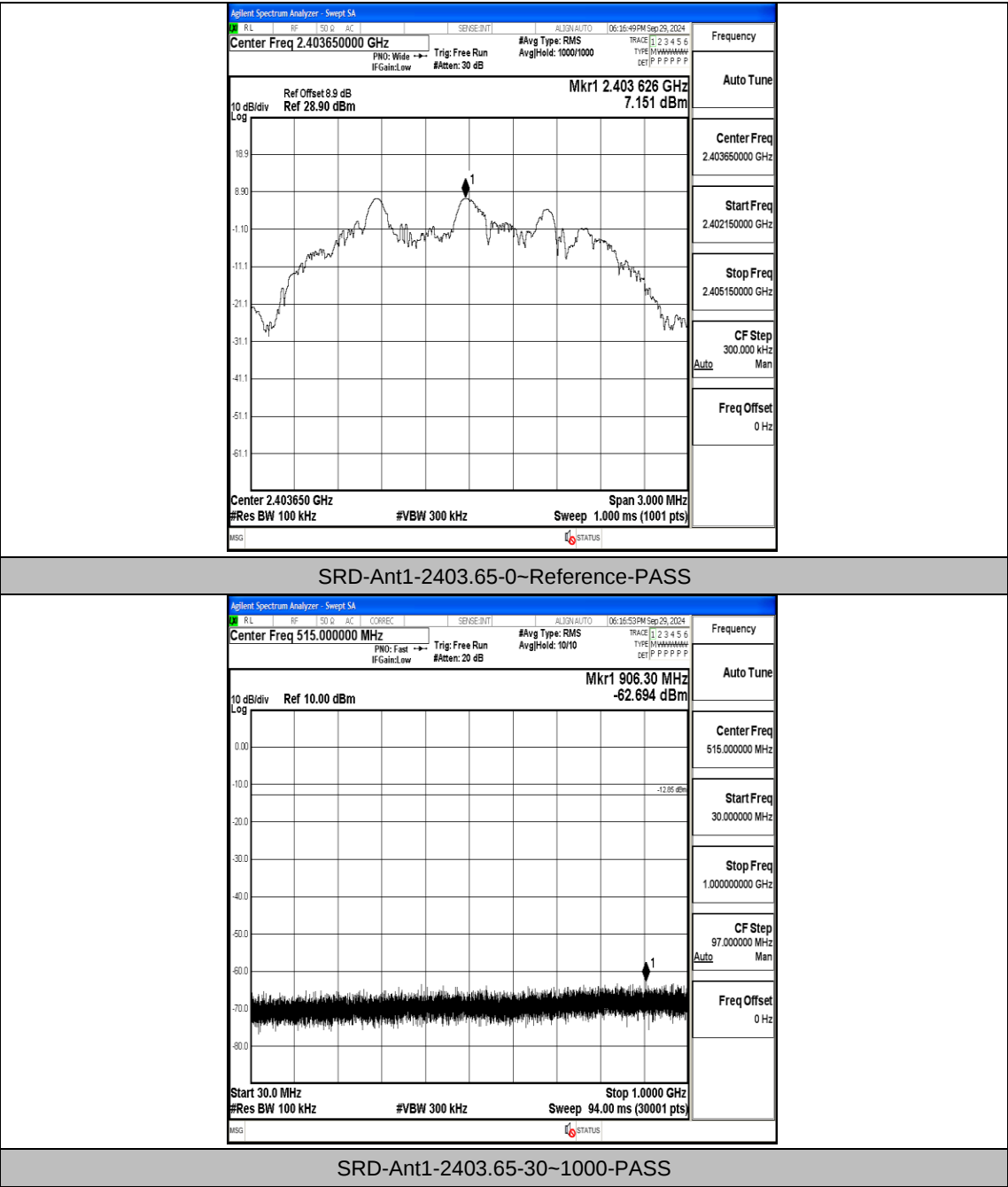


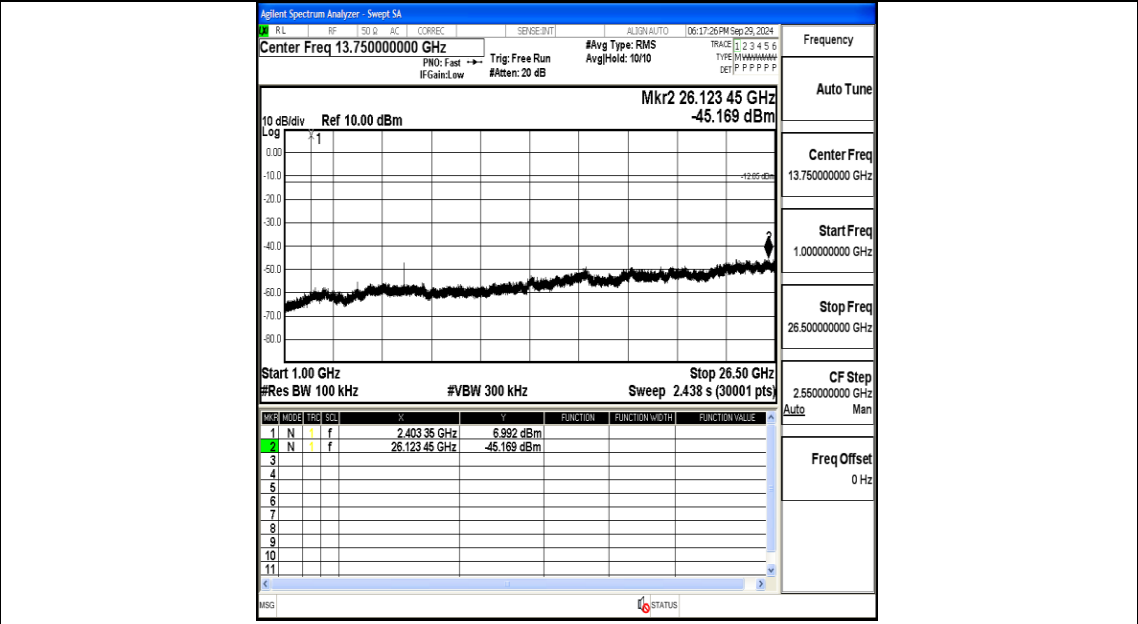
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2403.65	0~Reference	7.15	7.15	---	PASS
SRD	Ant1	2403.65	30~1000	7.15	-62.69	≤-12.85	PASS
SRD	Ant1	2403.65	1000~26500	7.15	-45.17	≤-12.85	PASS
SRD	Ant1	2441.65	0~Reference	7.40	7.40	---	PASS
SRD	Ant1	2441.65	30~1000	7.40	-62.51	≤-12.6	PASS
SRD	Ant1	2441.65	1000~26500	7.40	-44.66	≤-12.6	PASS
SRD	Ant1	2479.65	0~Reference	7.03	7.03	---	PASS
SRD	Ant1	2479.65	30~1000	7.03	-62.92	≤-12.97	PASS
SRD	Ant1	2479.65	1000~26500	7.03	-44.72	≤-12.97	PASS

Test Graphs

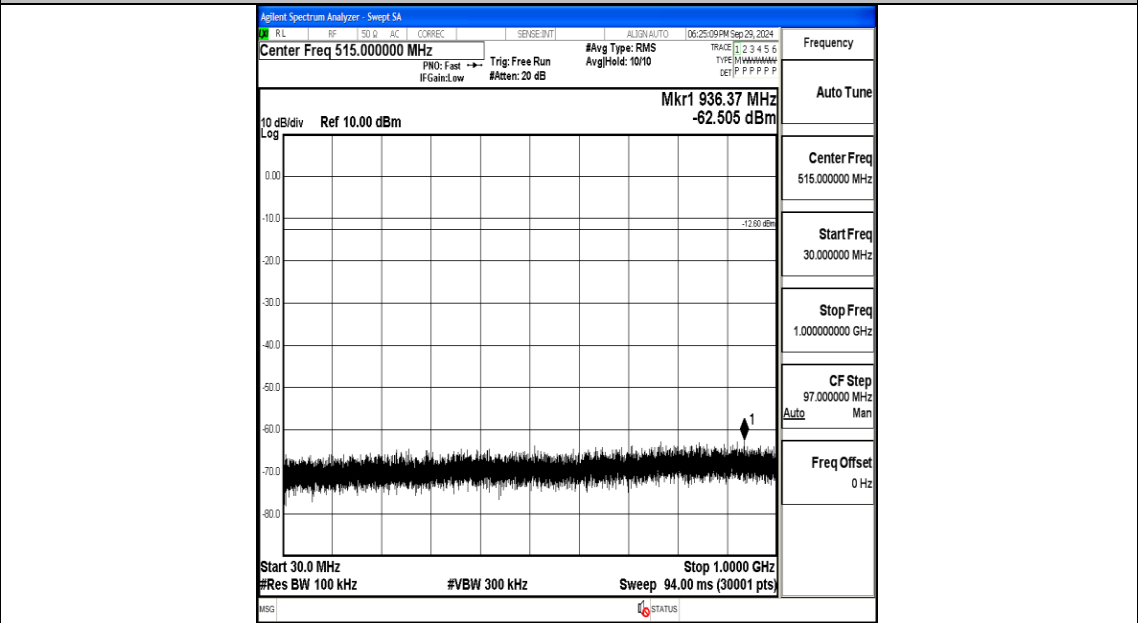




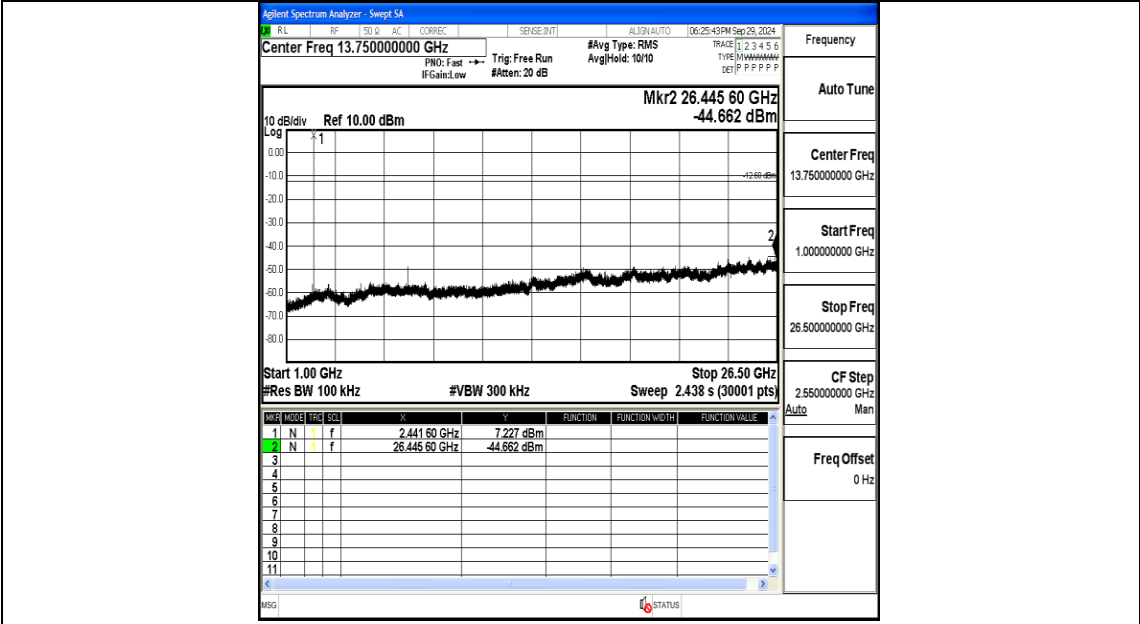
SRD-Ant1-2403.65-1000~26500-PASS



SRD-Ant1-2441.65-0~Reference-PASS



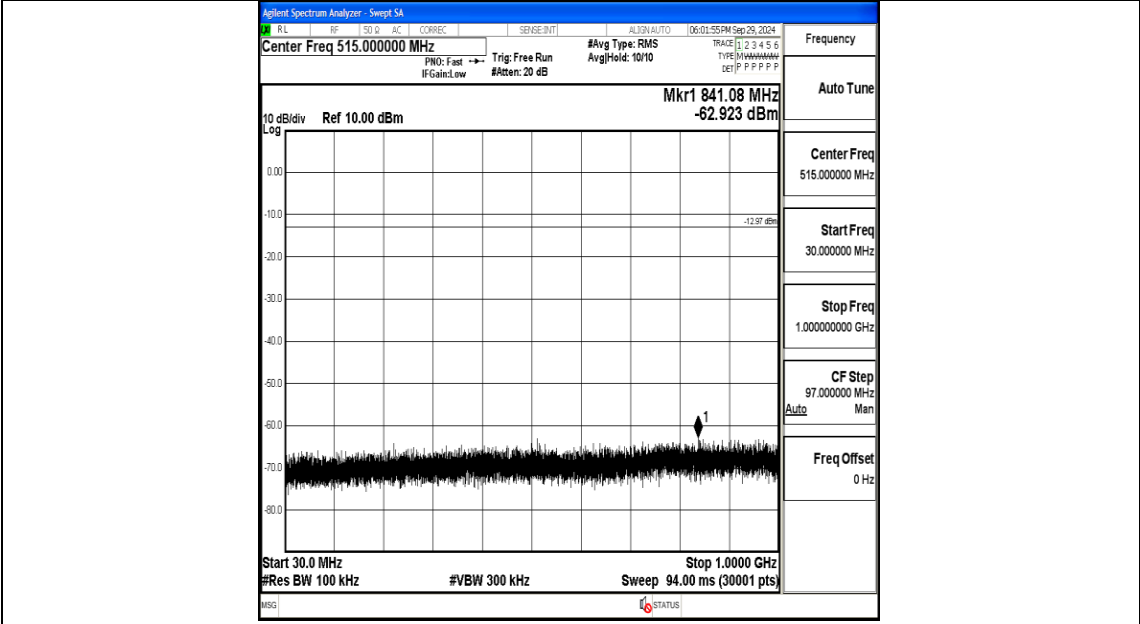
SRD-Ant1-2441.65-30~1000-PASS



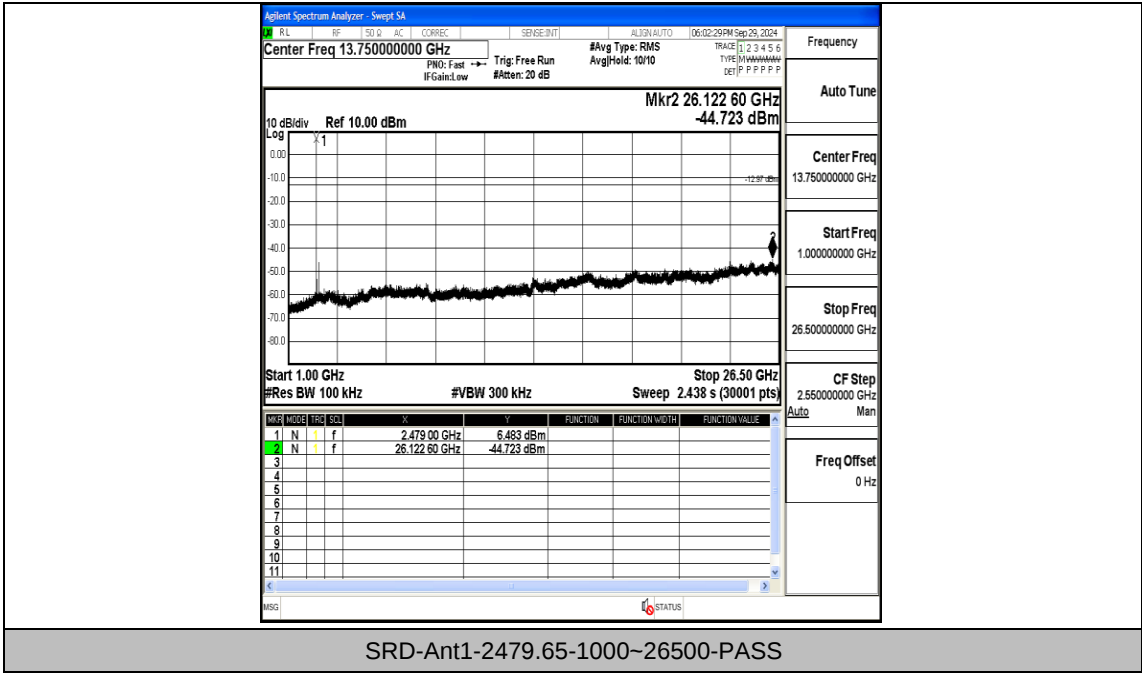
SRD-Ant1-2441.65-1000~26500-PASS



SRD-Ant1-2479.65-0~Reference-PASS



SRD-Ant1-2479.65-30~1000-PASS

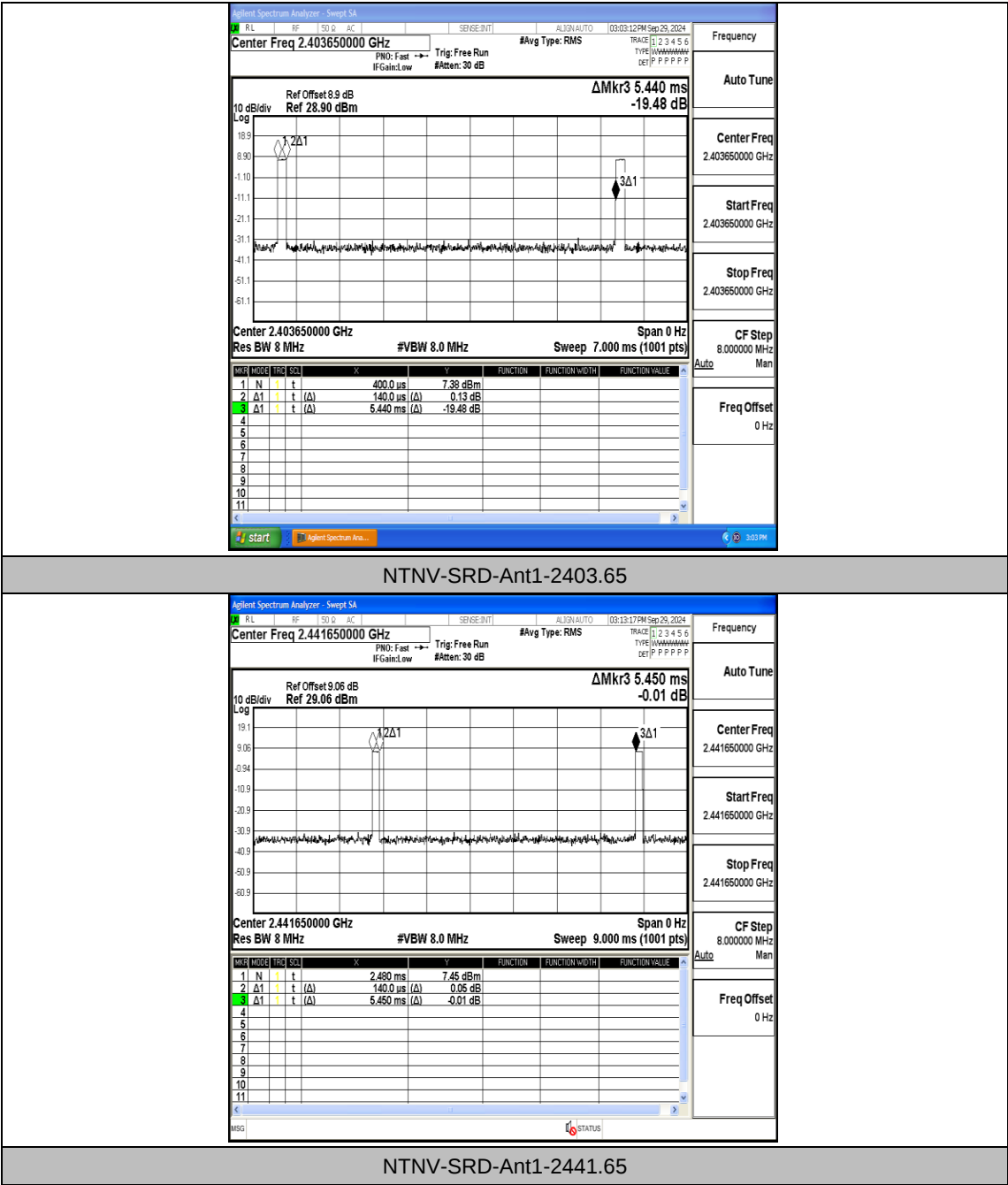


Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
SRD	Ant1	2403.65	0.14	5.44	2.57	15.90
SRD	Ant1	2441.65	0.14	5.45	2.57	15.90
SRD	Ant1	2479.65	0.14	5.44	2.57	15.90

Test Graphs



NTNV-SRD-Ant1-2441.65

