

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Bluetooth Keyboard

Trade Mark: /

Test Model: K302

FCC ID: 2BAKP-K302

Environmental Conditions

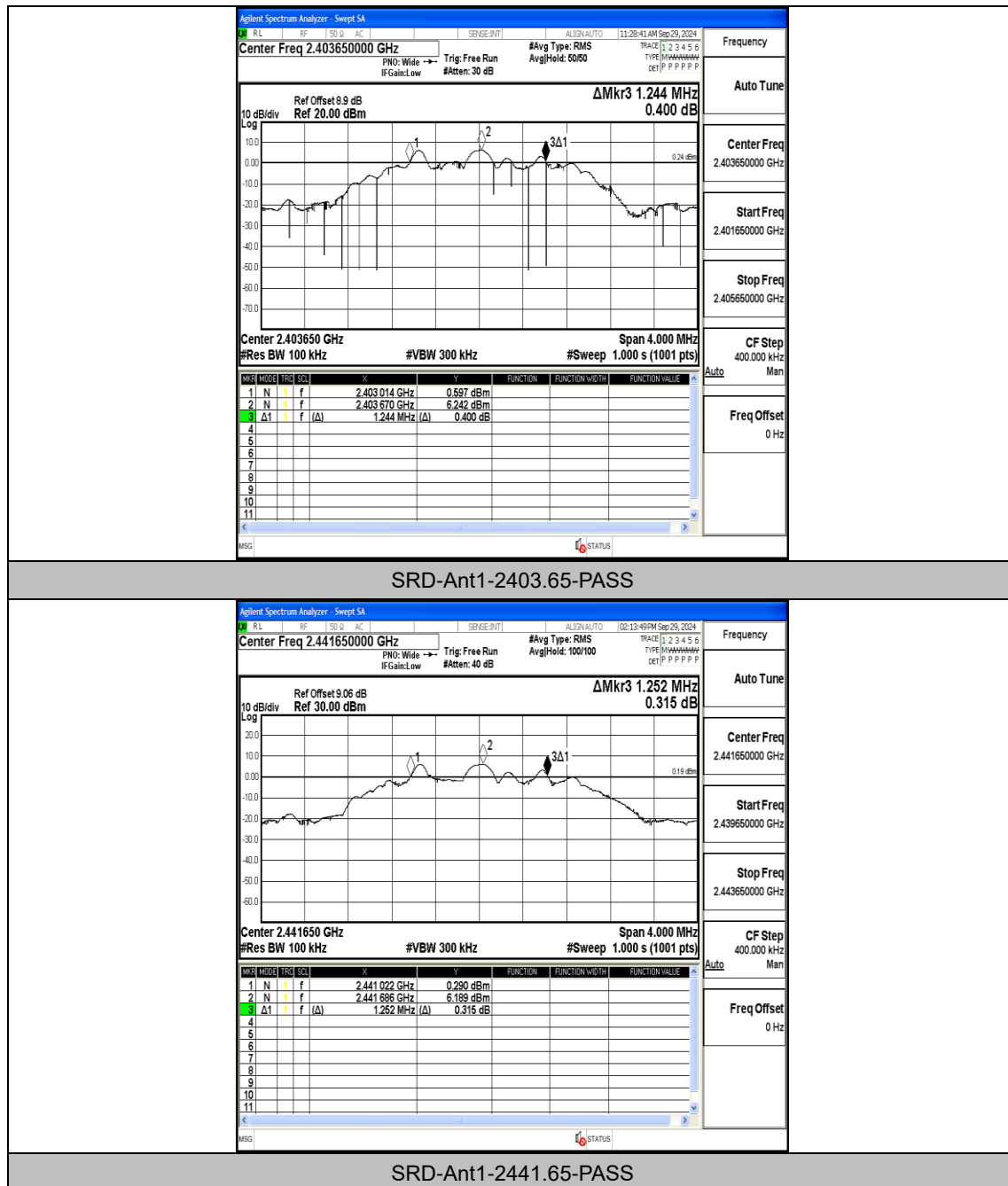
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

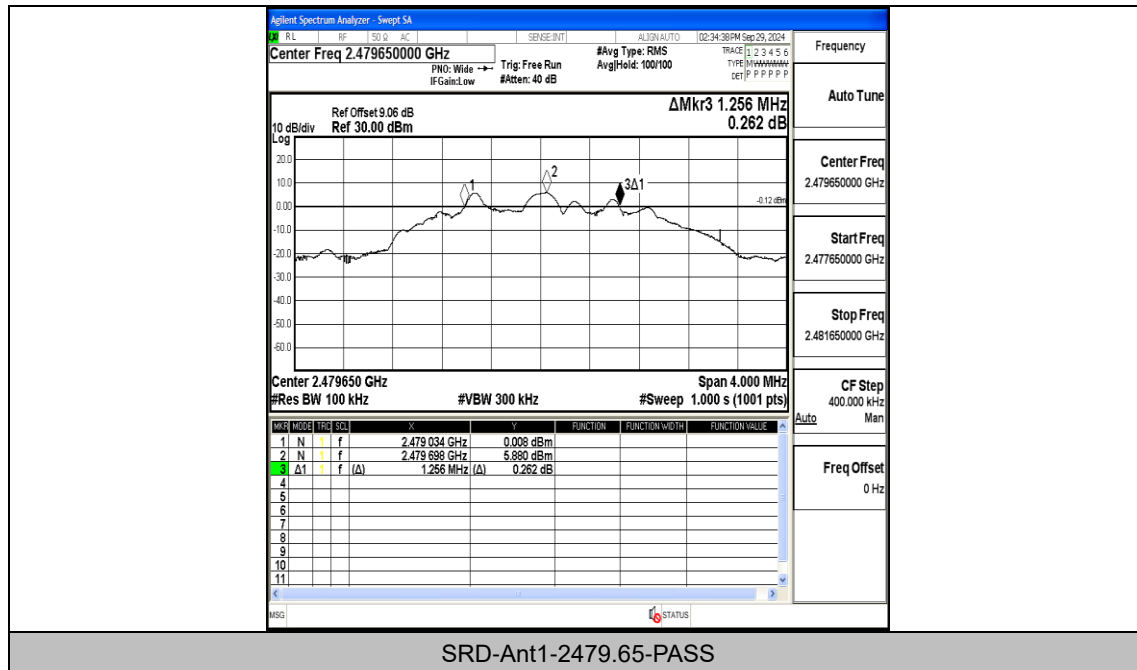
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2403.65	1.244	2403.014	2404.258	0.5	PASS
SRD	Ant1	2441.65	1.252	2441.022	2442.274	0.5	PASS
SRD	Ant1	2479.65	1.256	2479.034	2480.290	0.5	PASS

Test Graphs



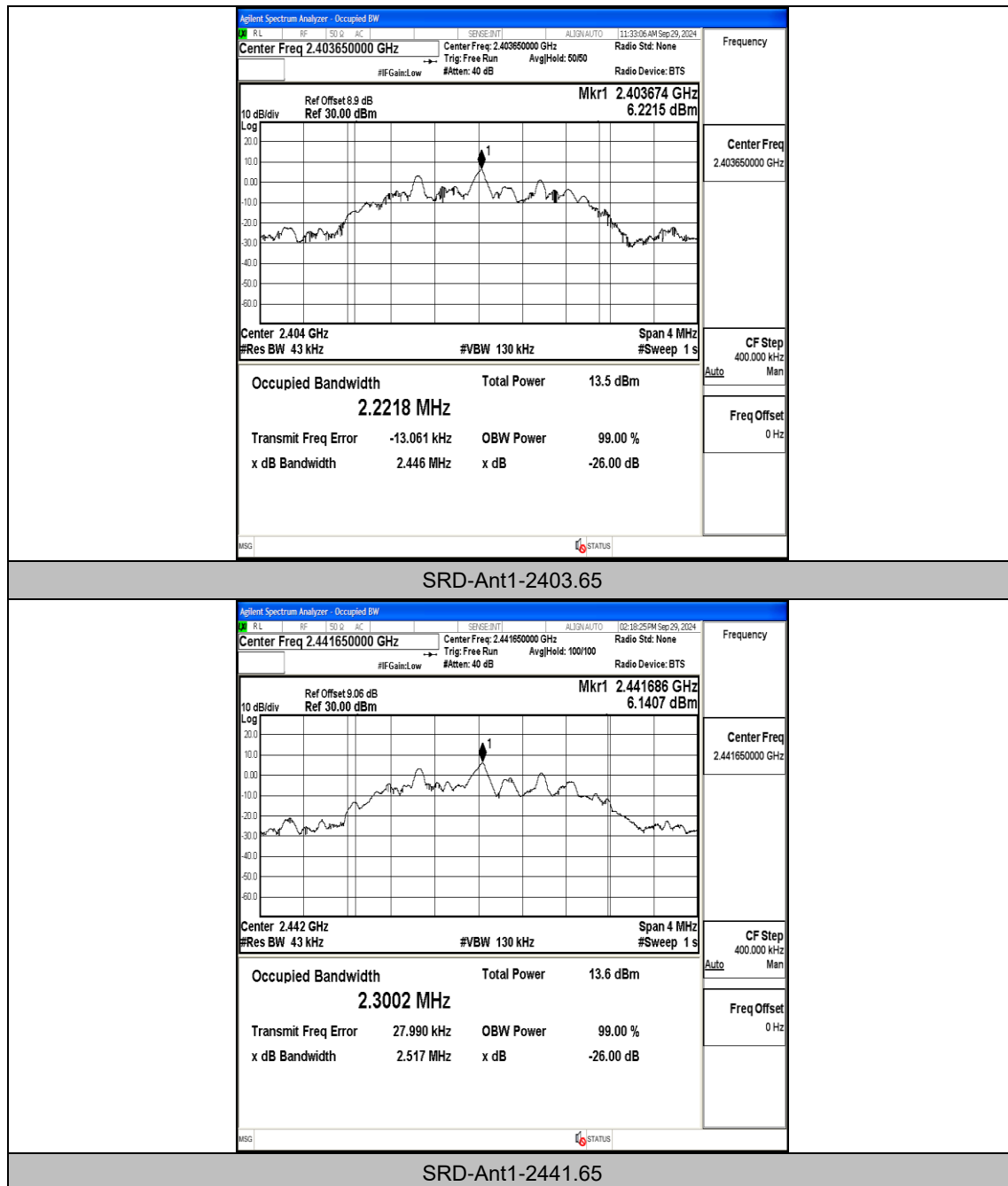


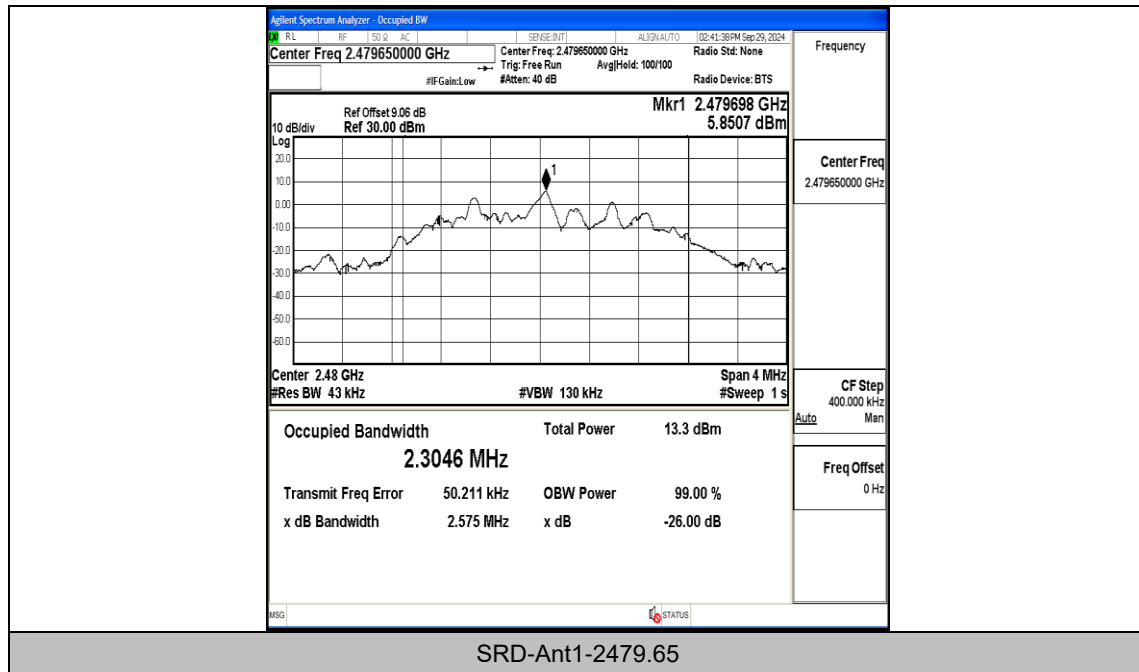
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2403.65	2.2218	2402.5260	2404.7478	---	---
SRD	Ant1	2441.65	2.3002	2440.5279	2442.8281	---	---
SRD	Ant1	2479.65	2.3046	2478.5479	2480.8525	---	---

Test Graphs



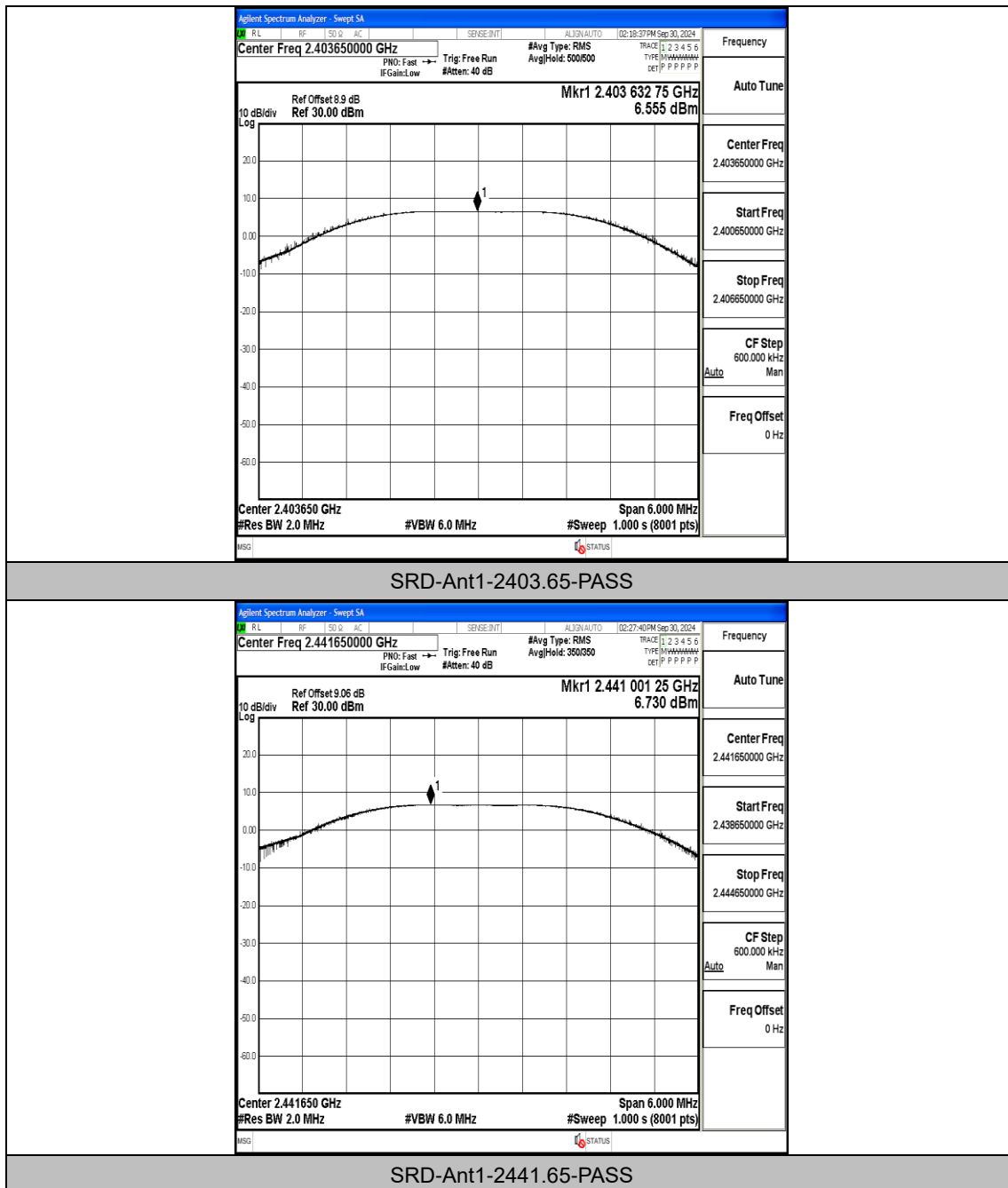


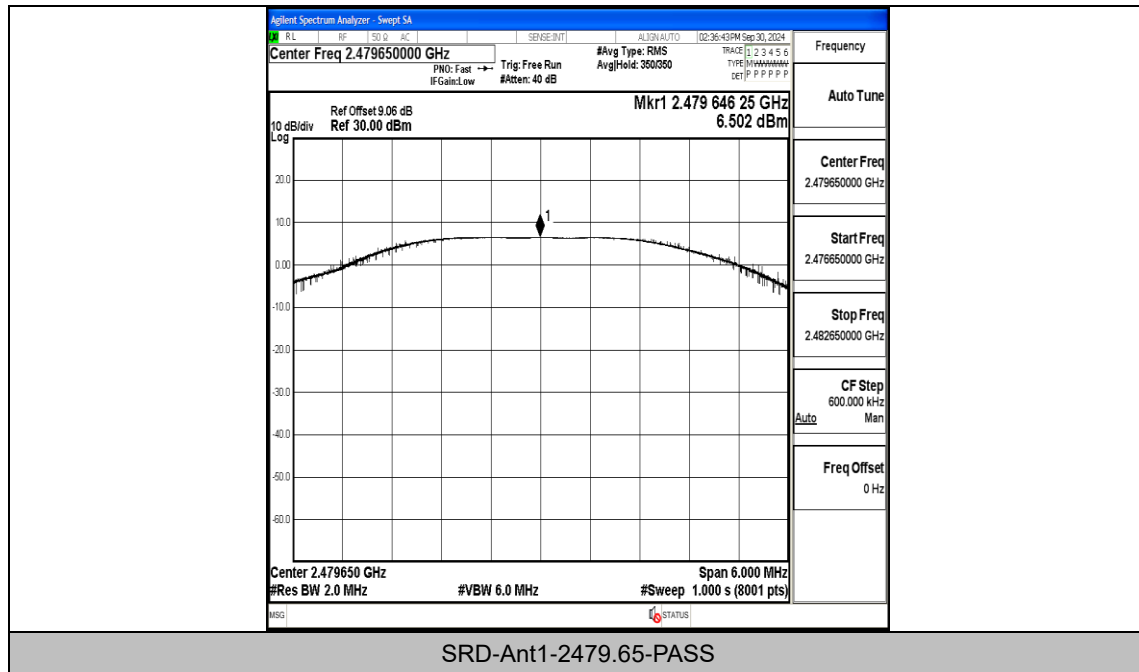
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2403.65	6.56	≤30	PASS
SRD	Ant1	2441.65	6.73	≤30	PASS
SRD	Ant1	2479.65	6.50	≤30	PASS

Test Graphs Peak



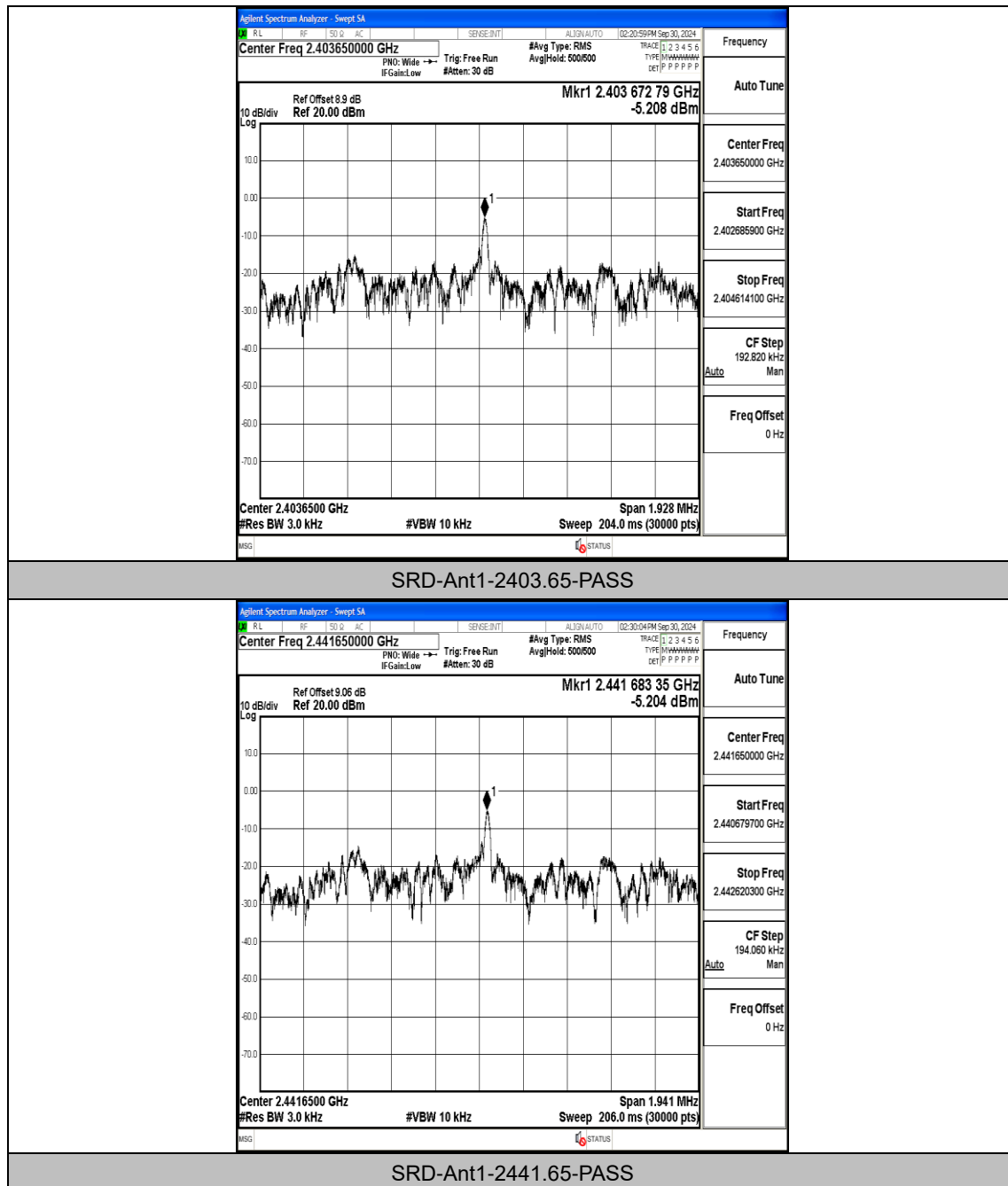


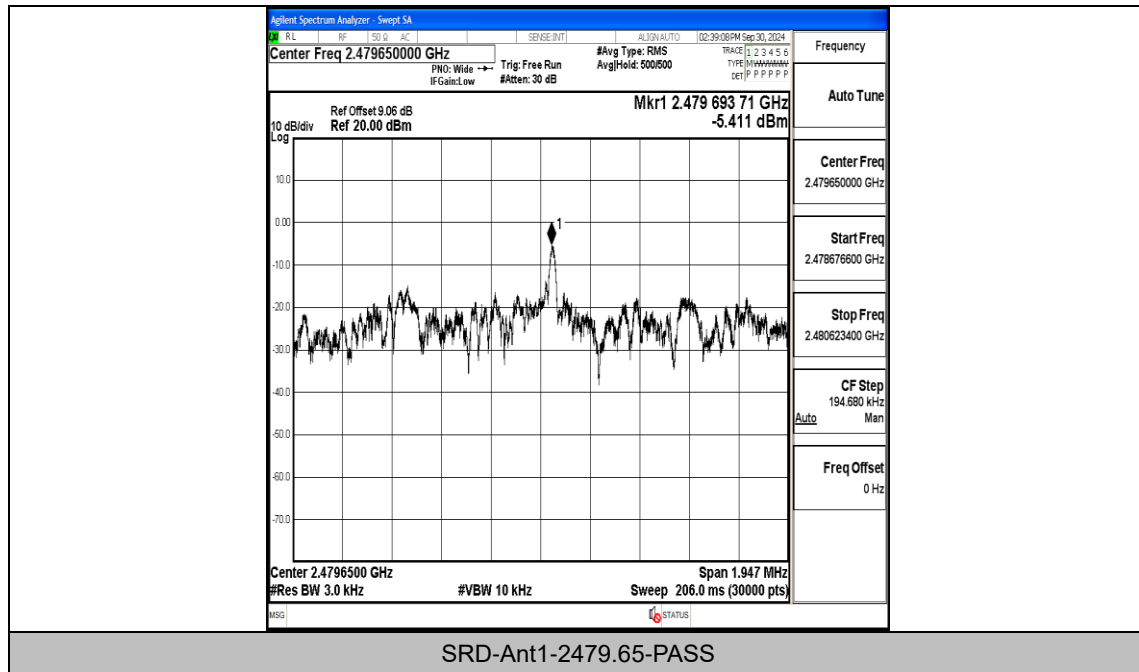
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2403.65	-5.21	≤8.00	PASS
SRD	Ant1	2441.65	-5.20	≤8.00	PASS
SRD	Ant1	2479.65	-5.41	≤8.00	PASS

Test Graphs



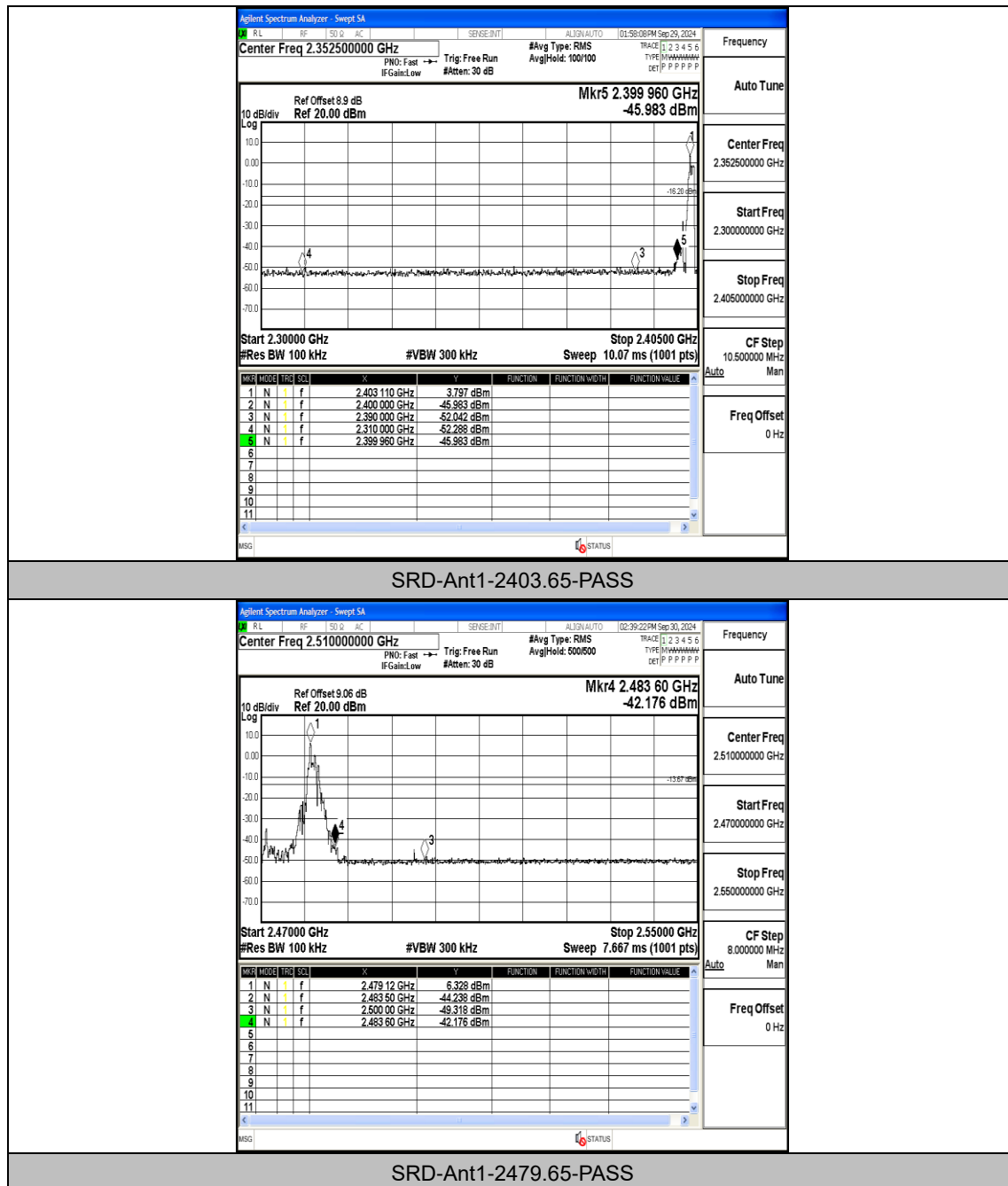


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2403.65	3.80	-45.98	≤ -16.2	PASS
SRD	Ant1	High	2479.65	6.33	-42.18	≤ -13.67	PASS

Test Graphs

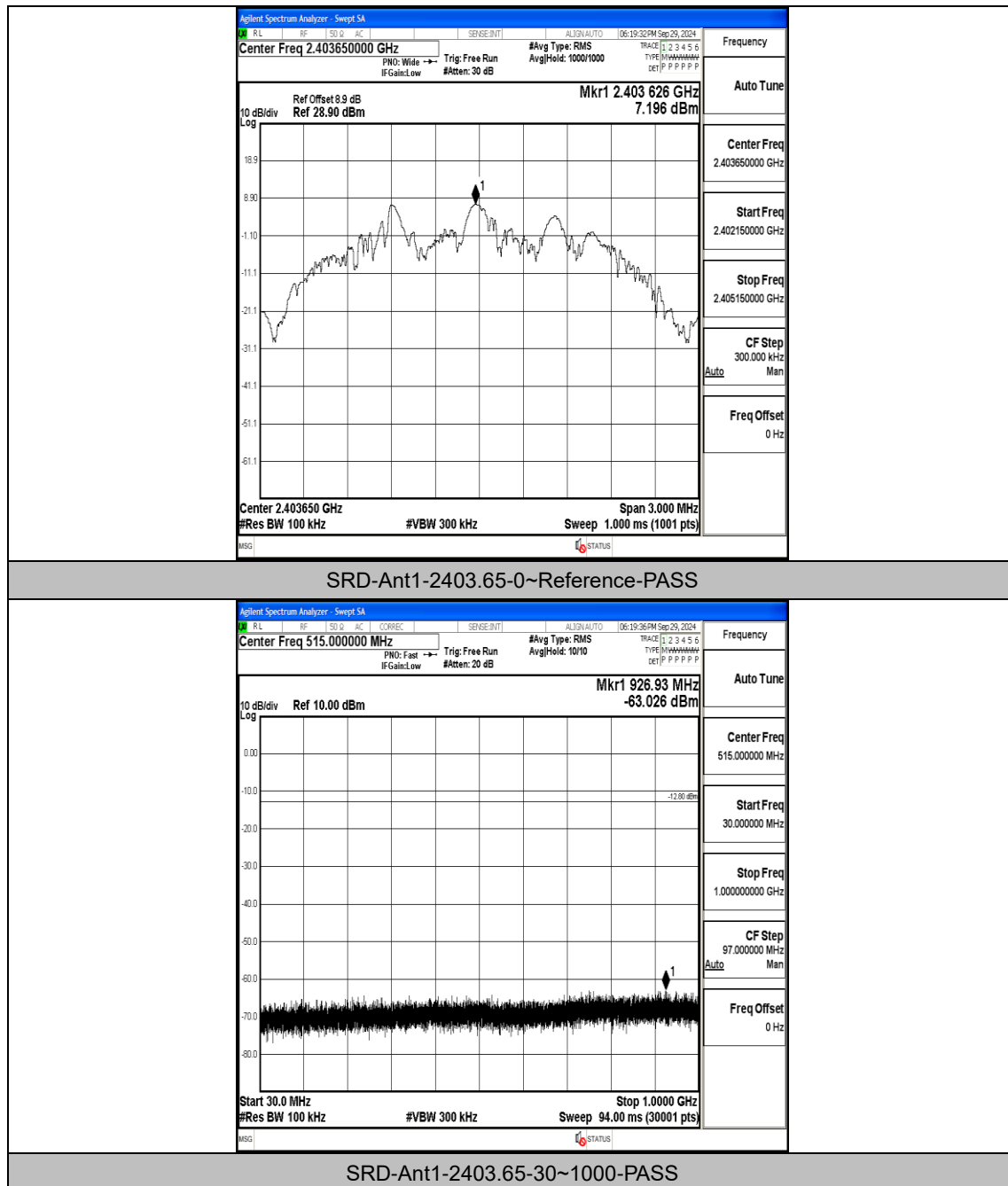


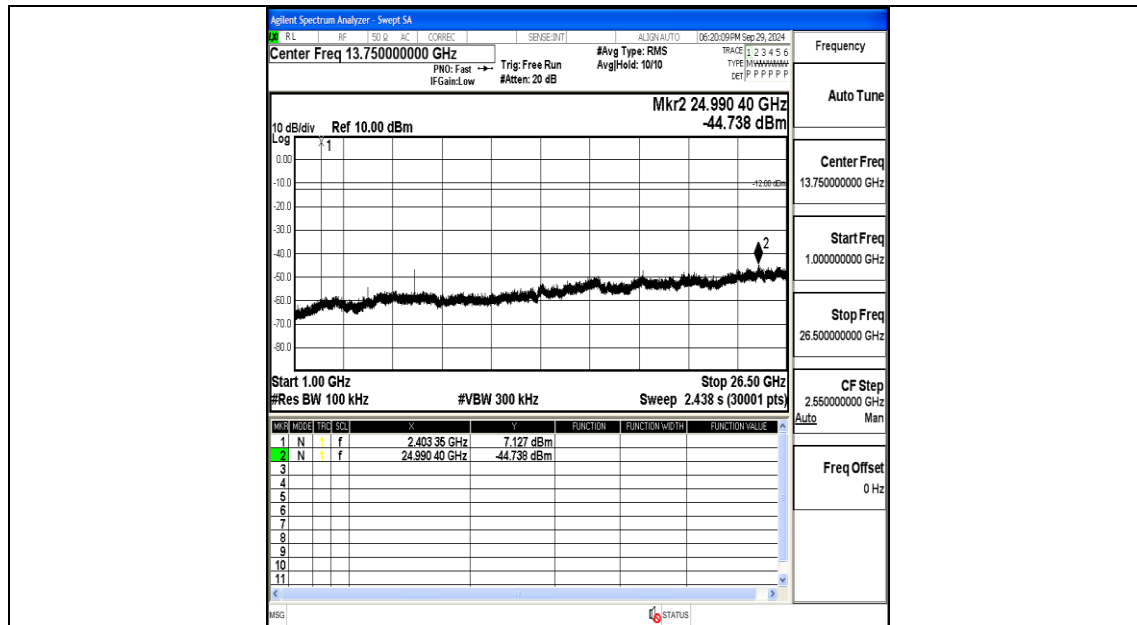
Appendix F: Conducted Spurious Emission

Test Result

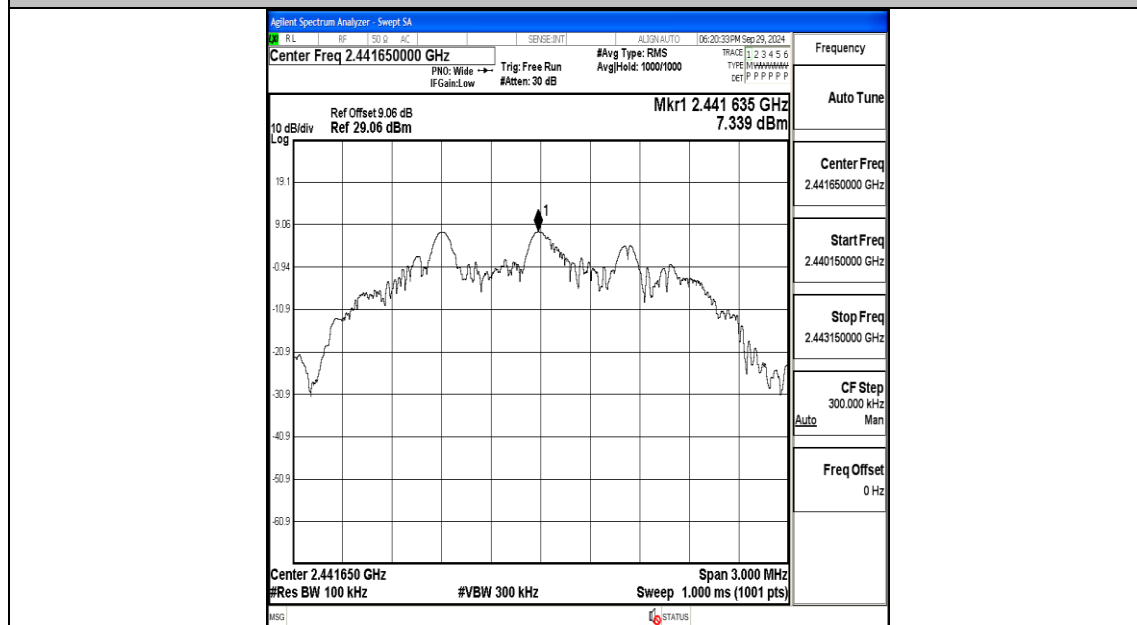
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2403.65	0~Reference	7.20	7.20	---	PASS
SRD	Ant1	2403.65	30~1000	7.20	-63.03	≤-12.8	PASS
SRD	Ant1	2403.65	1000~26500	7.20	-44.74	≤-12.8	PASS
SRD	Ant1	2441.65	0~Reference	7.34	7.34	---	PASS
SRD	Ant1	2441.65	30~1000	7.34	-62.76	≤-12.66	PASS
SRD	Ant1	2441.65	1000~26500	7.34	-43.26	≤-12.66	PASS
SRD	Ant1	2479.65	0~Reference	7.14	7.14	---	PASS
SRD	Ant1	2479.65	30~1000	7.14	-62.24	≤-12.86	PASS
SRD	Ant1	2479.65	1000~26500	7.14	-45.46	≤-12.86	PASS

Test Graphs

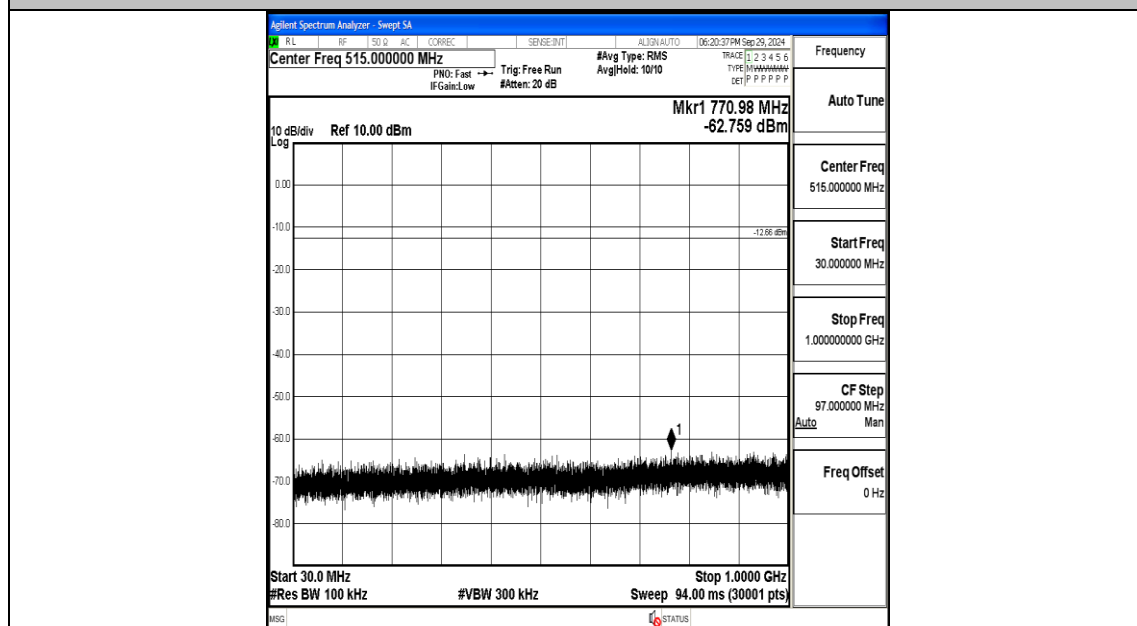




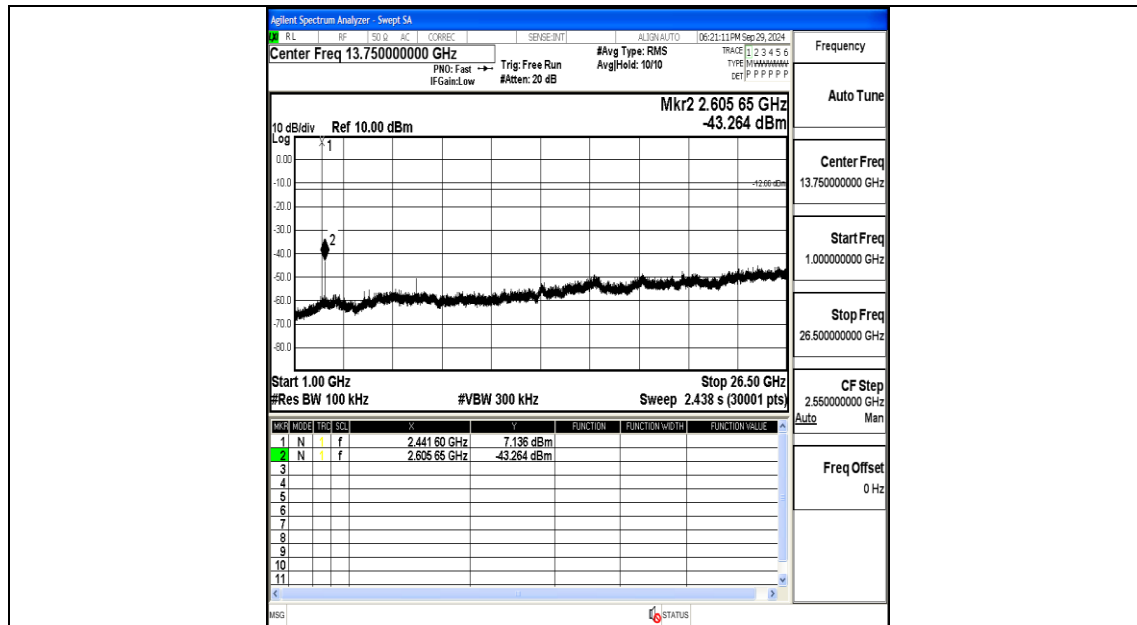
SRD-Ant1-2403.65-1000~26500-PASS



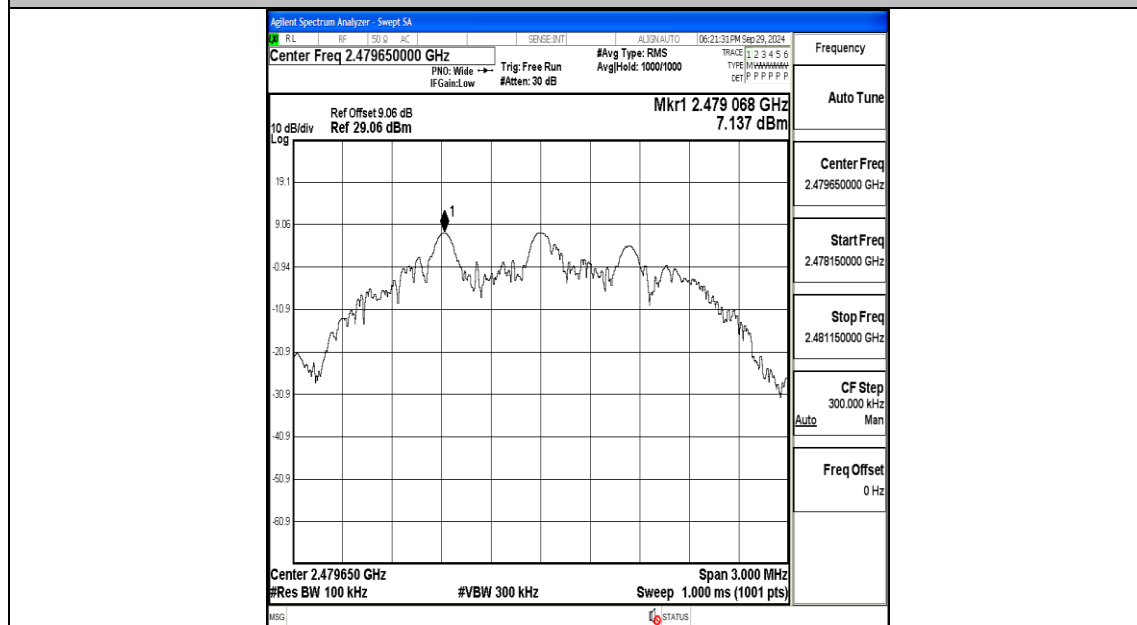
SRD-Ant1-2441.65-0~Reference-PASS



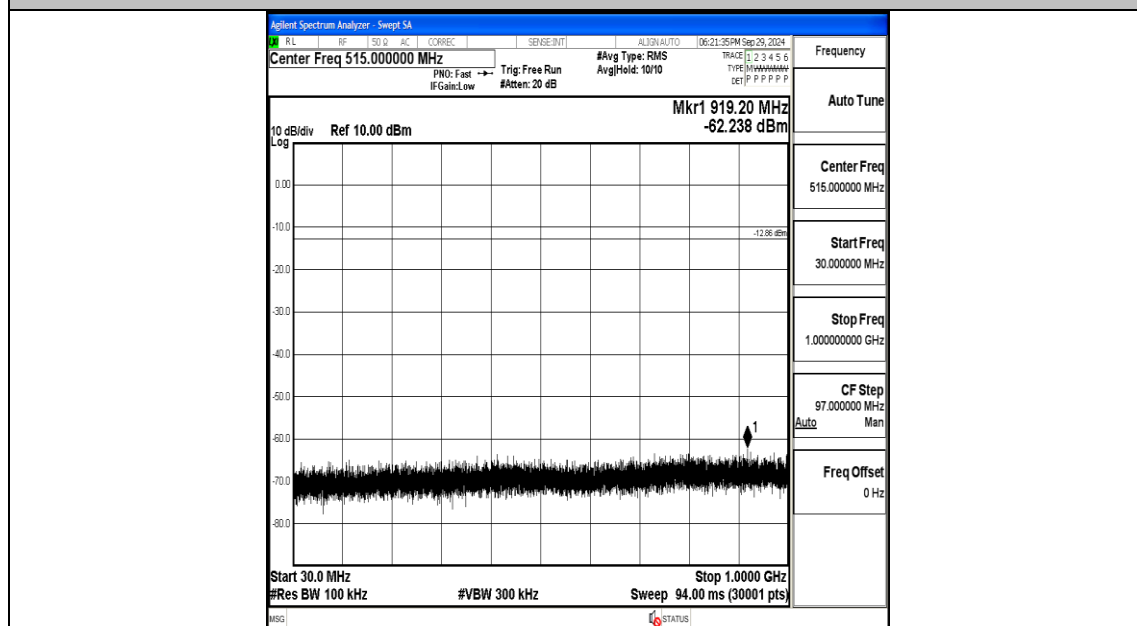
SRD-Ant1-2441.65-30~1000-PASS



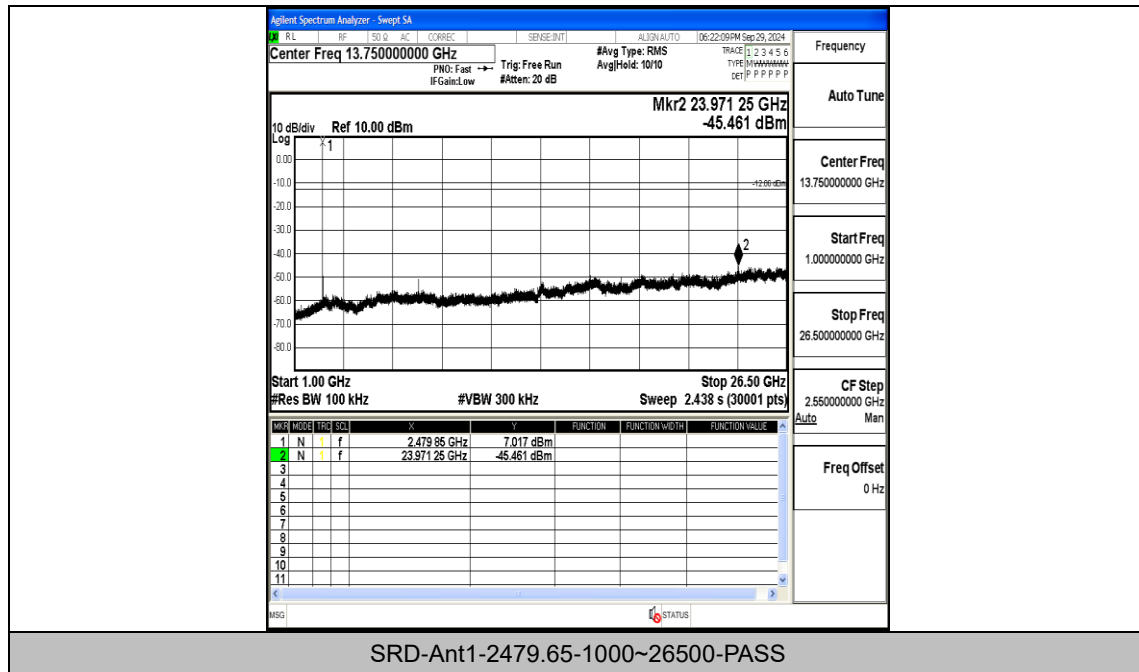
SRD-Ant1-2441.65-1000~26500-PASS



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	13.37	1.05	19.79
SRD	Ant1	2441.65	0.15	13.37	1.12	19.51
SRD	Ant1	2479.65	0.15	13.31	1.13	19.47

Test Graphs

