

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Keyboard

Trade Mark: JamesDonkey

Test Model: J4

FCC ID: 2BGKB-J4

Environmental Conditions

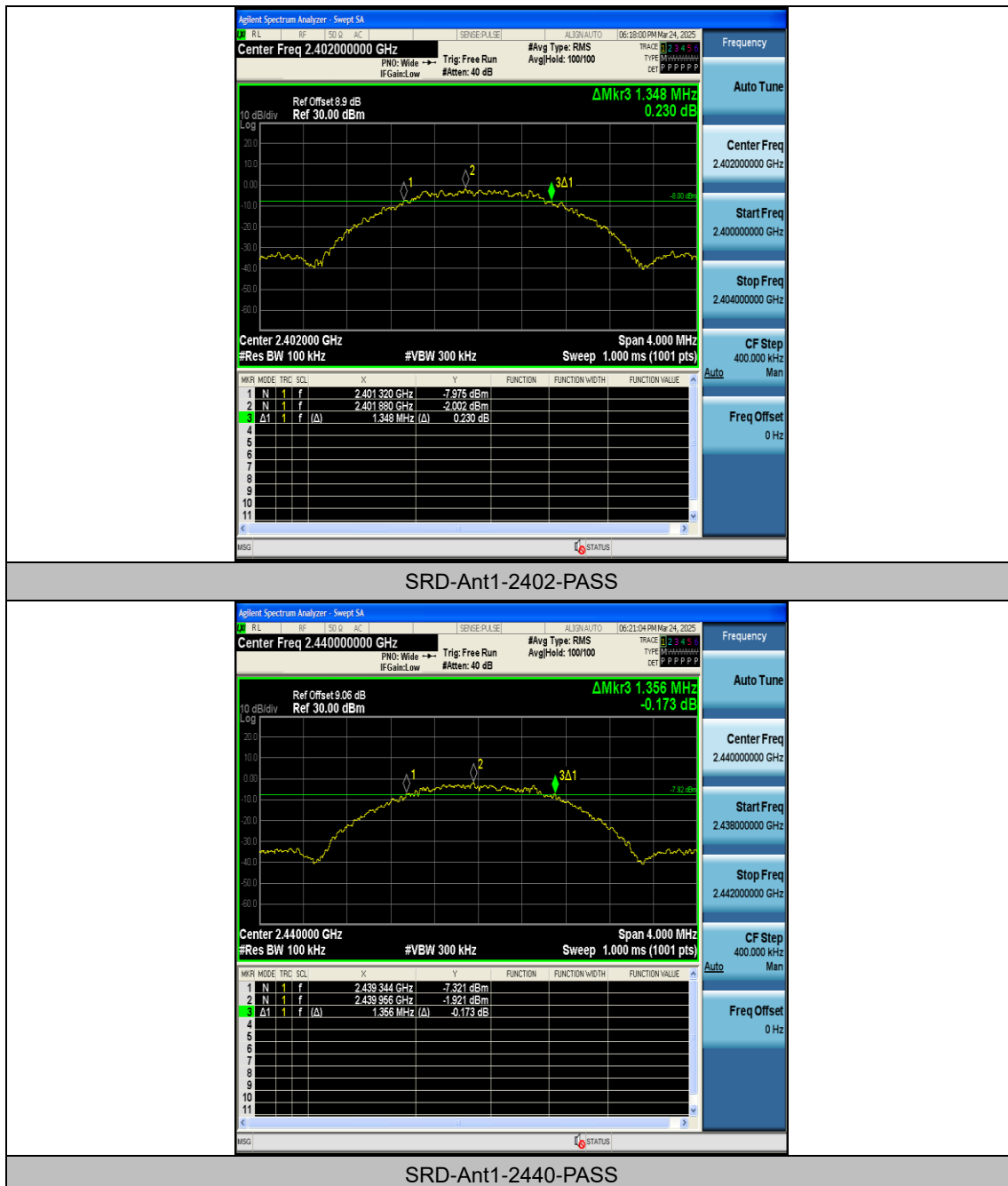
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2402	1.348	2401.320	2402.668	0.5	PASS
SRD	Ant1	2440	1.356	2439.344	2440.700	0.5	PASS
SRD	Ant1	2480	1.384	2479.348	2480.732	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	2402	2.0397	2400.9786	2403.0183	---	---
SRD	Ant1	2440	2.0525	2438.9664	2441.0189	---	---
SRD	Ant1	2480	2.0506	2478.9795	2481.0301	---	---

Test Graphs



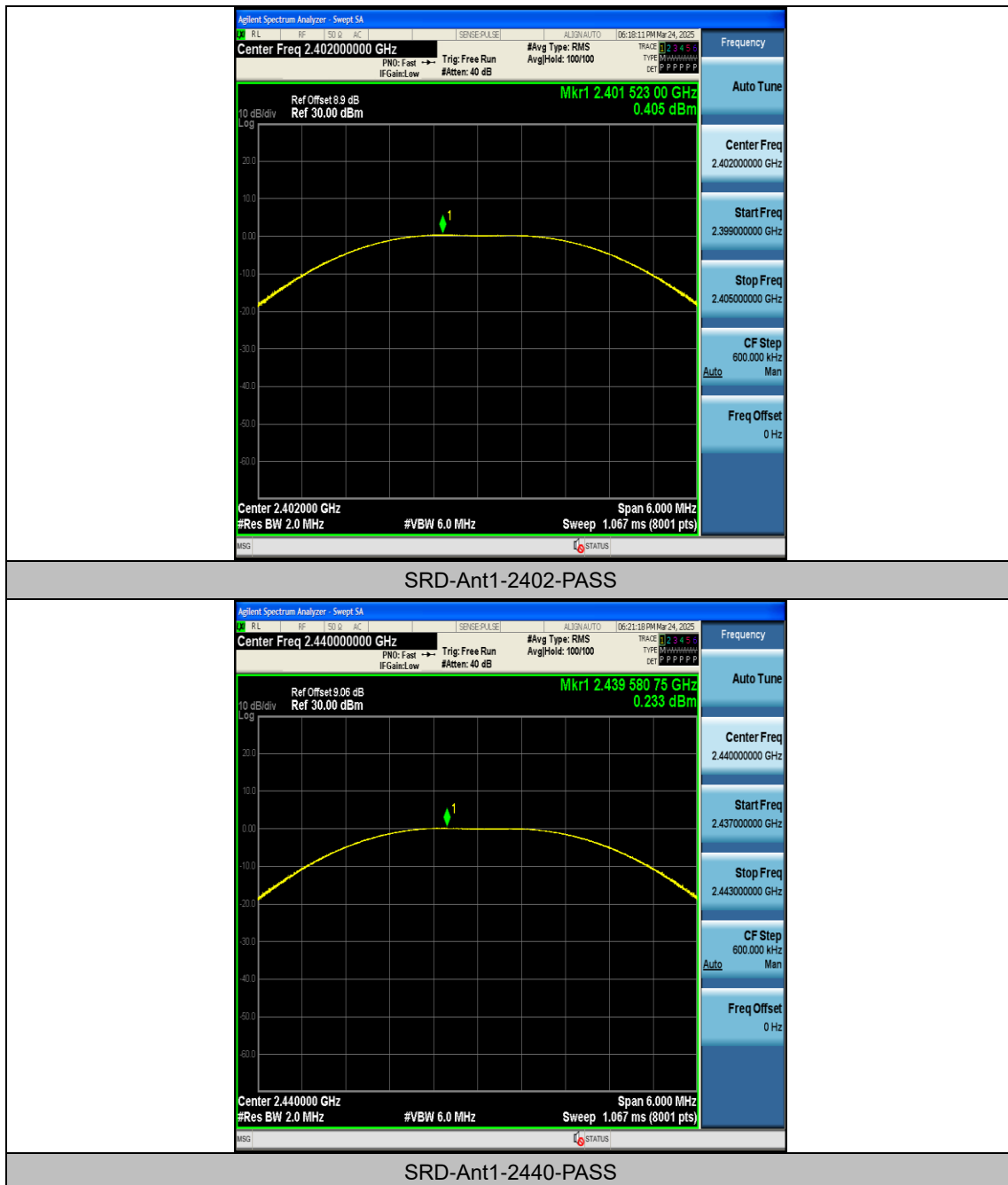


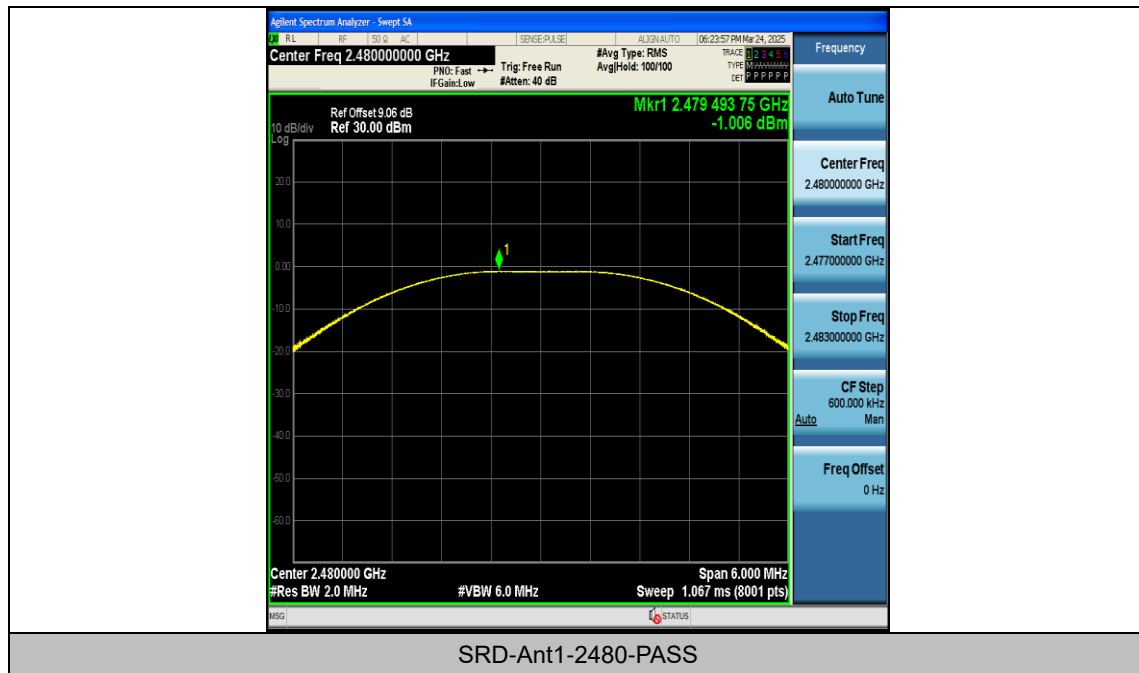
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2402	0.41	≤30	PASS
SRD	Ant1	2440	0.23	≤30	PASS
SRD	Ant1	2480	-1.01	≤30	PASS

Test Graphs Peak



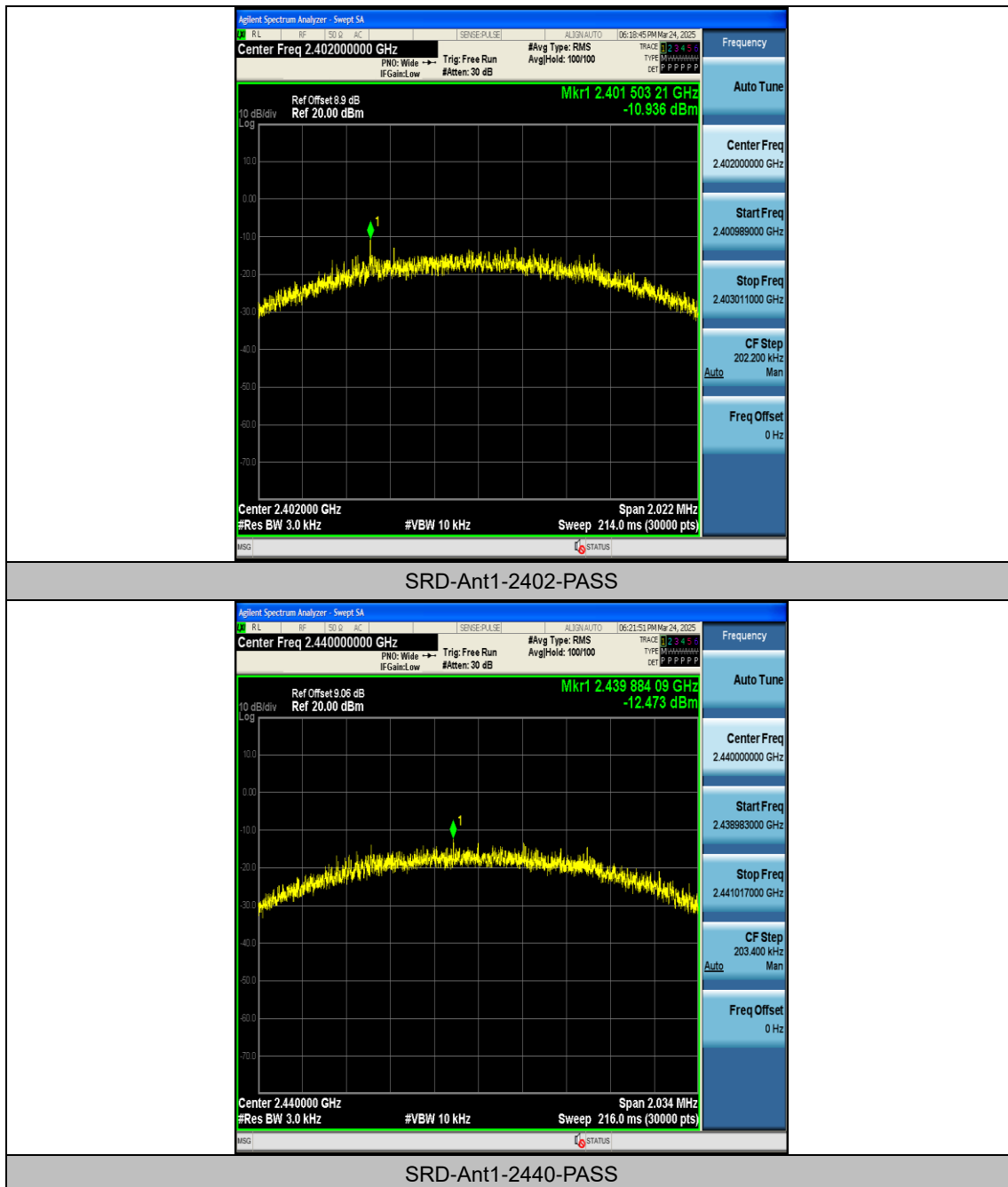


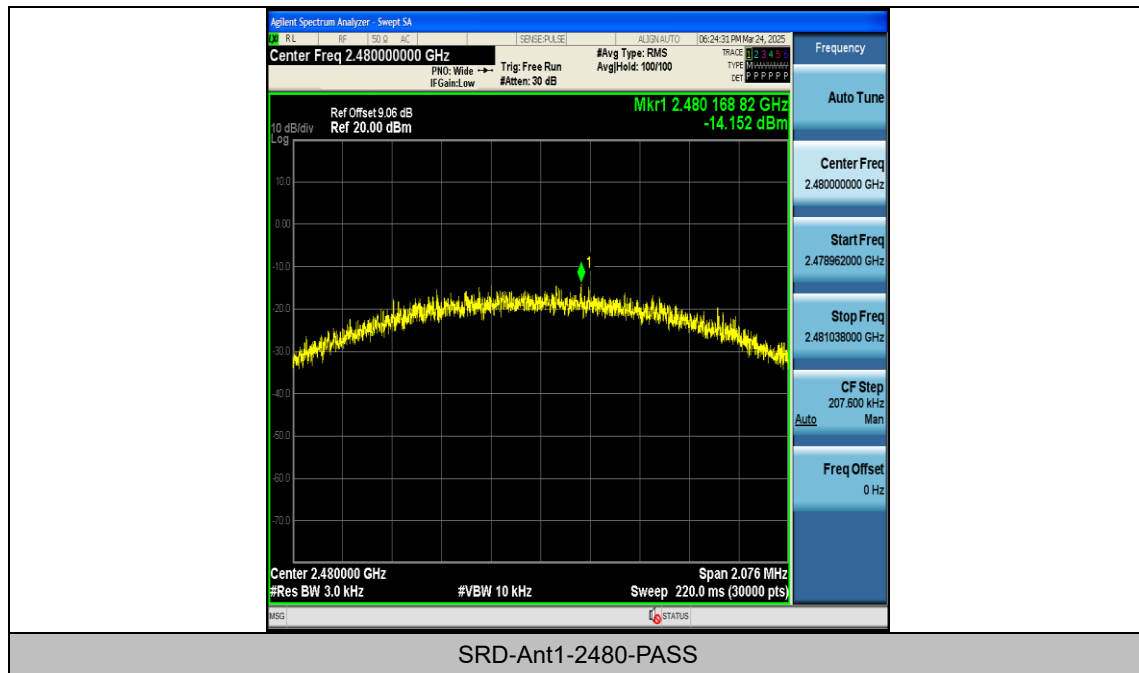
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2402	-10.94	≤8.00	PASS
SRD	Ant1	2440	-12.47	≤8.00	PASS
SRD	Ant1	2480	-14.15	≤8.00	PASS

Test Graphs



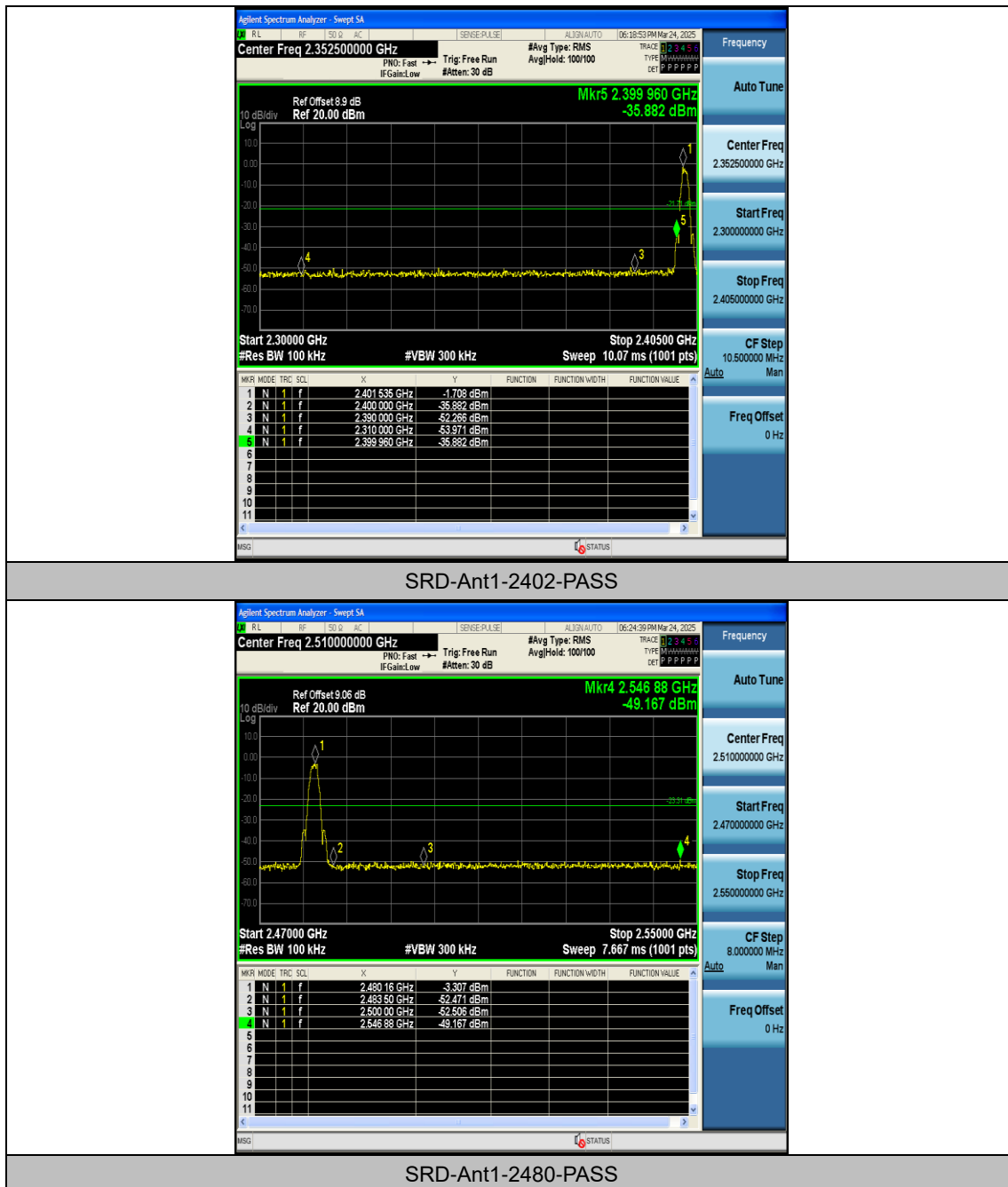


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2402	-1.71	-35.88	≤ -21.71	PASS
SRD	Ant1	High	2480	-3.31	-49.17	≤ -23.31	PASS

Test Graphs

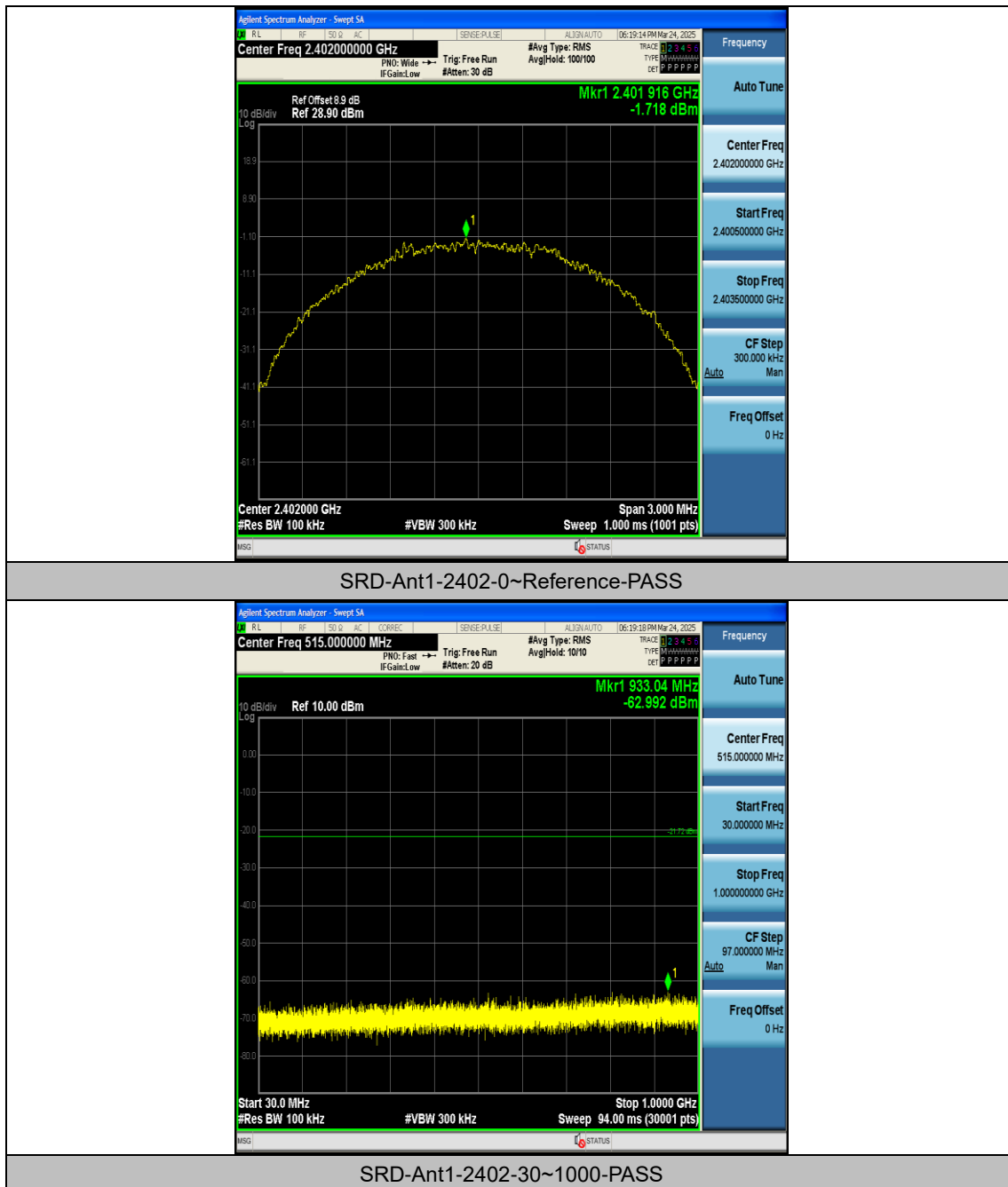


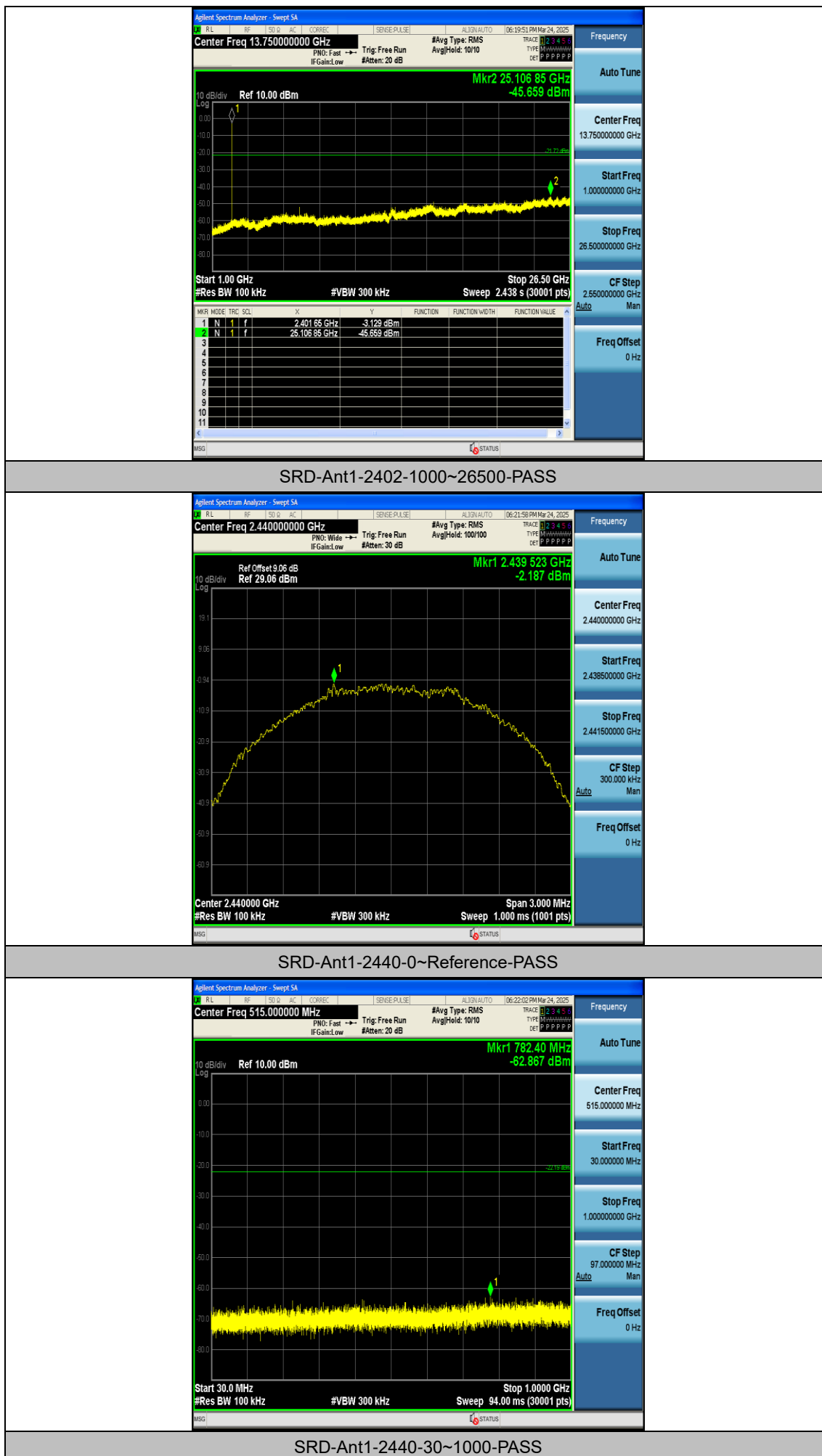
Appendix F: Conducted Spurious Emission

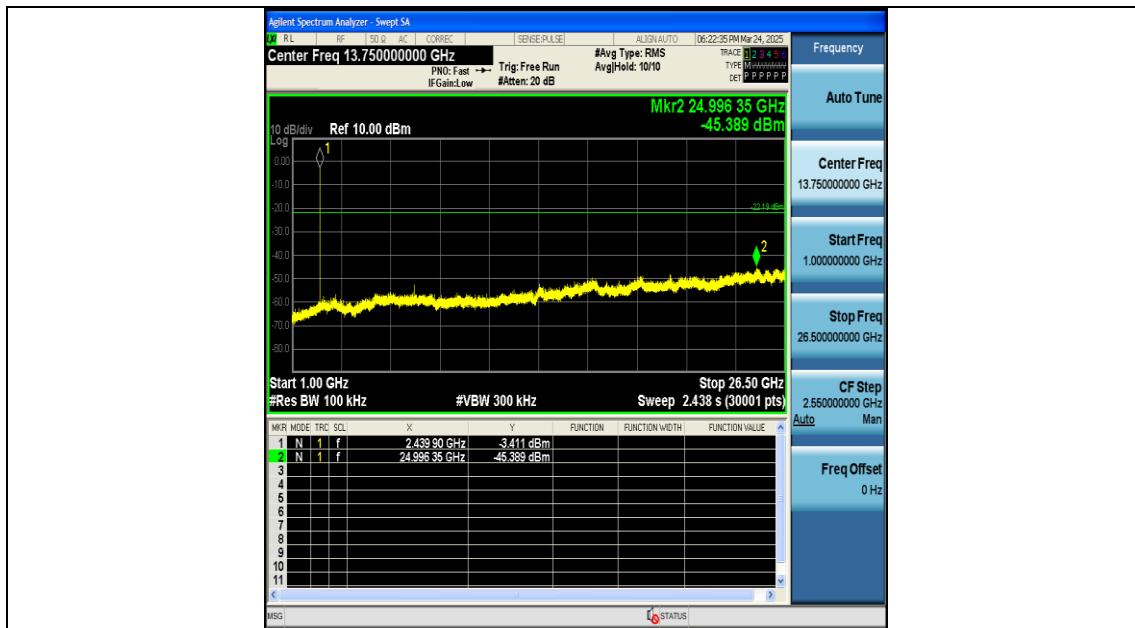
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2402	0~Reference	-1.72	-1.72	---	PASS
SRD	Ant1	2402	30~1000	-1.72	-62.99	≤ -21.72	PASS
SRD	Ant1	2402	1000~26500	-1.72	-45.66	≤ -21.72	PASS
SRD	Ant1	2440	0~Reference	-2.19	-2.19	---	PASS
SRD	Ant1	2440	30~1000	-2.19	-62.87	≤ -22.19	PASS
SRD	Ant1	2440	1000~26500	-2.19	-45.39	≤ -22.19	PASS
SRD	Ant1	2480	0~Reference	-3.71	-3.71	---	PASS
SRD	Ant1	2480	30~1000	-3.71	-62.63	≤ -23.71	PASS
SRD	Ant1	2480	1000~26500	-3.71	-44.43	≤ -23.71	PASS

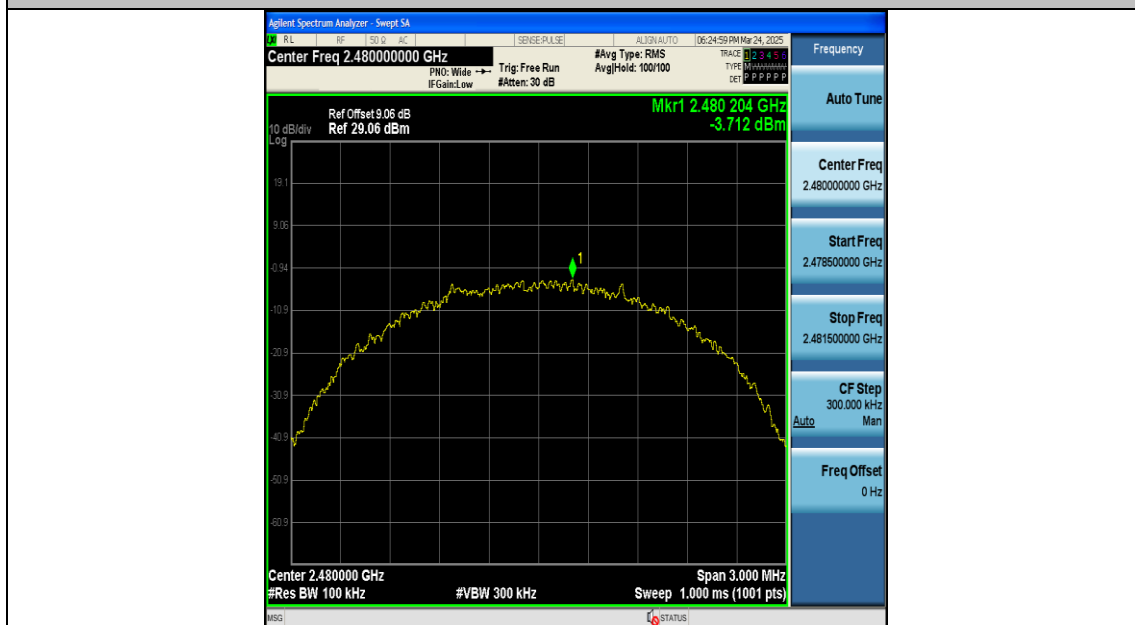
Test Graphs



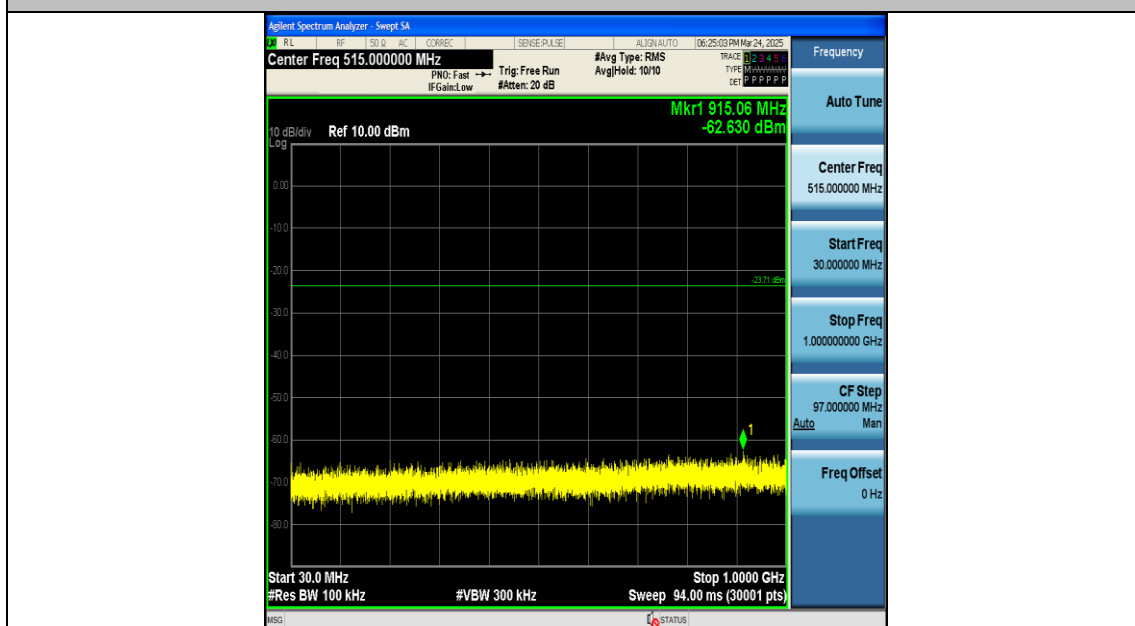




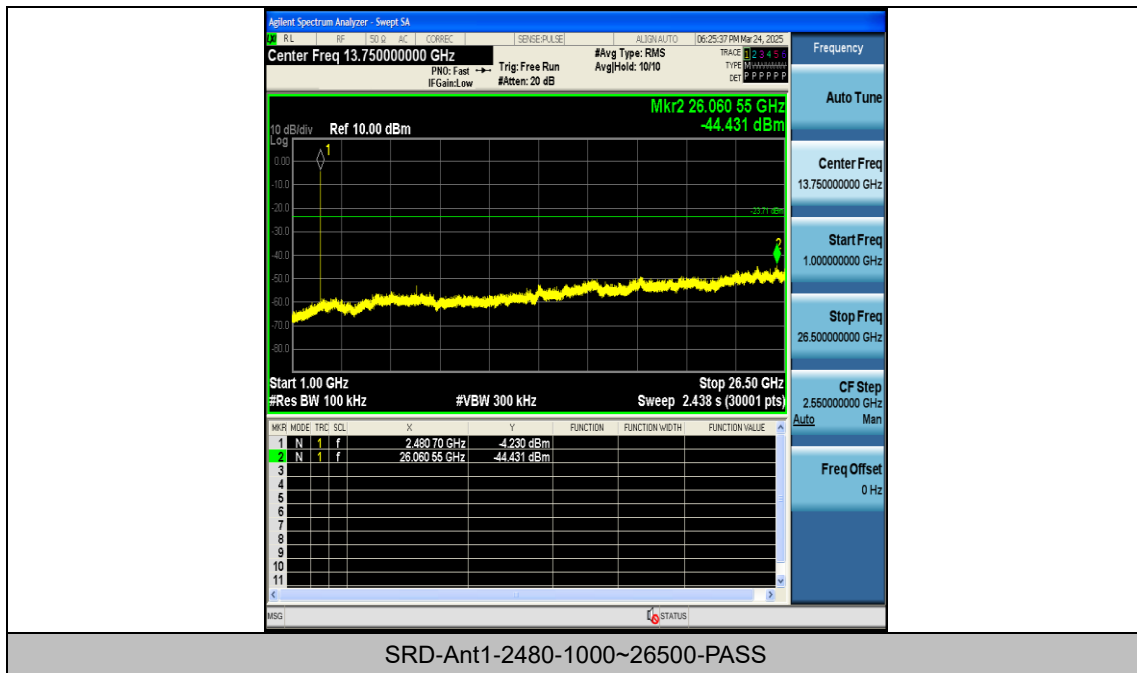
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2480-0~Reference-PASS



SRD-Ant1-2480-30~1000-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	2402	19.00	19.00	100.00	0.00
SRD	Ant1	2440	19.00	19.00	100.00	0.00
SRD	Ant1	2480	19.00	19.00	100.00	0.00

Test Graphs

