

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Keyboard

Trade Mark: JamesDonkey

Test Model: J2

FCC ID: 2BGKB-J2

Environmental Conditions

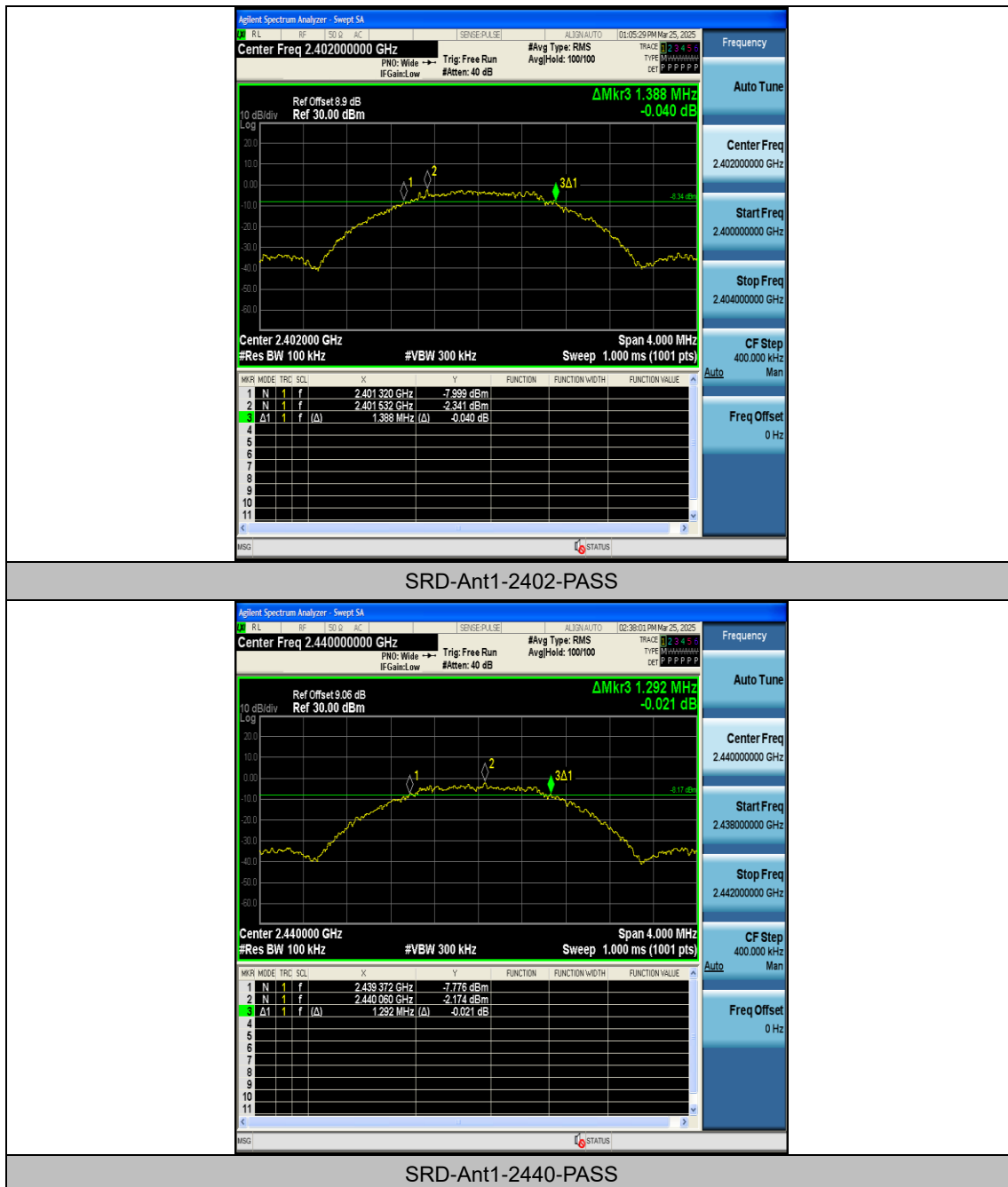
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

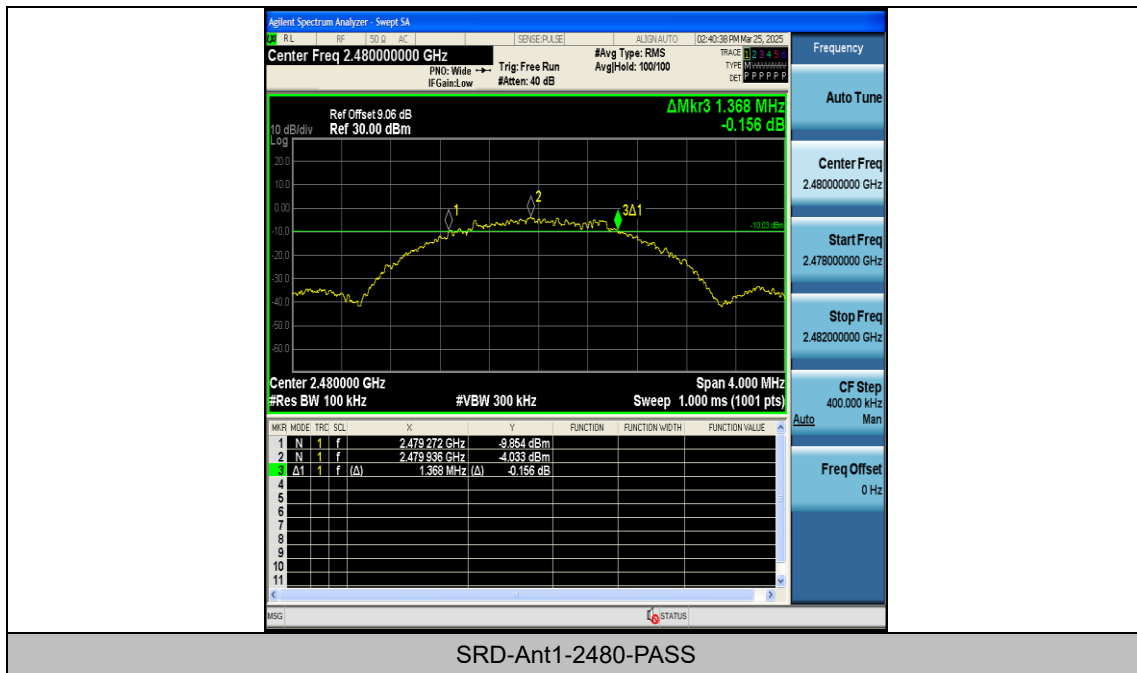
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2402	1.388	2401.320	2402.708	0.5	PASS
SRD	Ant1	2440	1.292	2439.372	2440.664	0.5	PASS
SRD	Ant1	2480	1.368	2479.272	2480.640	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	2.0370	2400.9736	2403.0106	---	---
SRD	Ant1	2440	2.0445	2438.9660	2441.0105	---	---
SRD	Ant1	2480	2.0536	2478.9814	2481.0350	---	---

Test Graphs



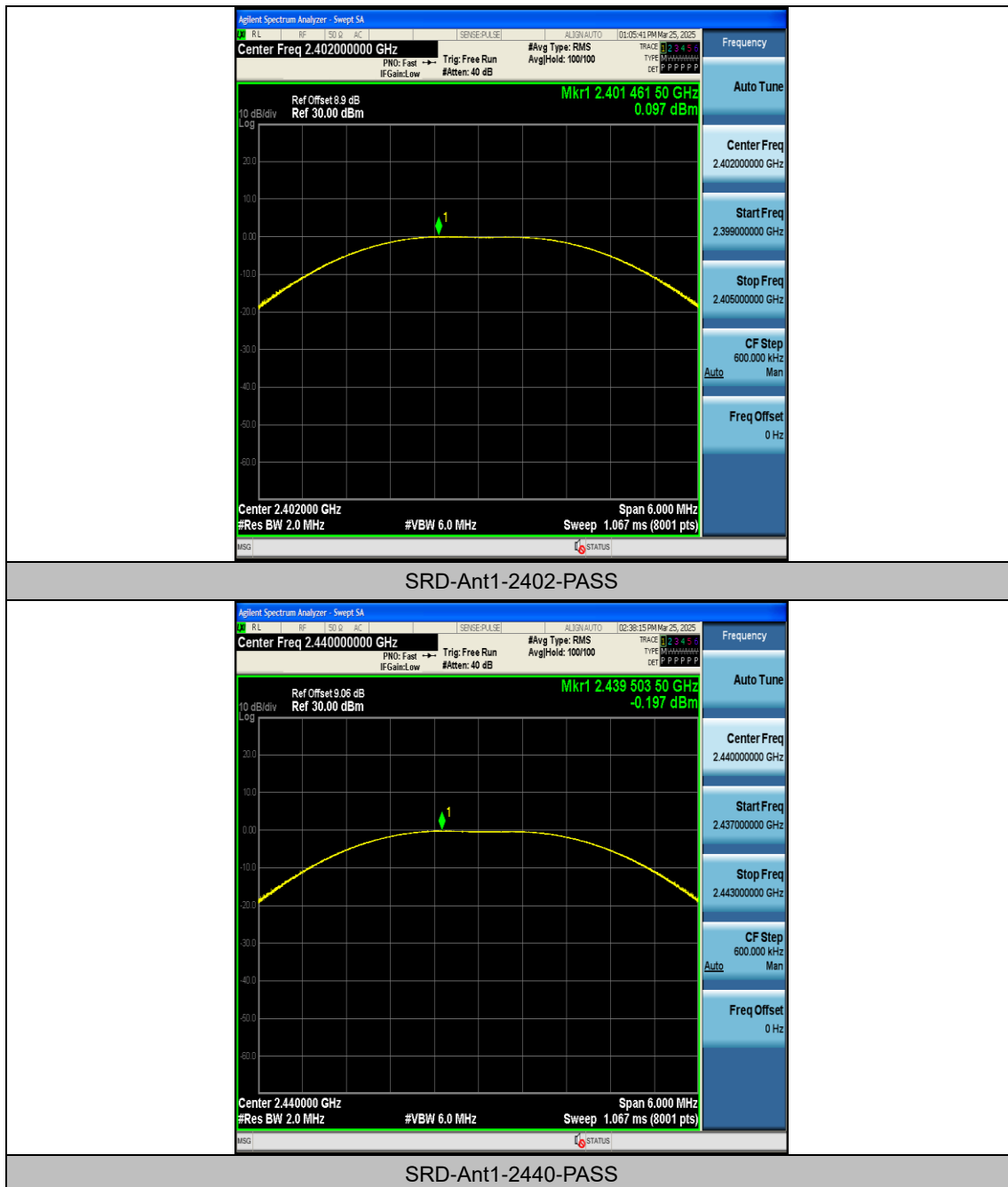


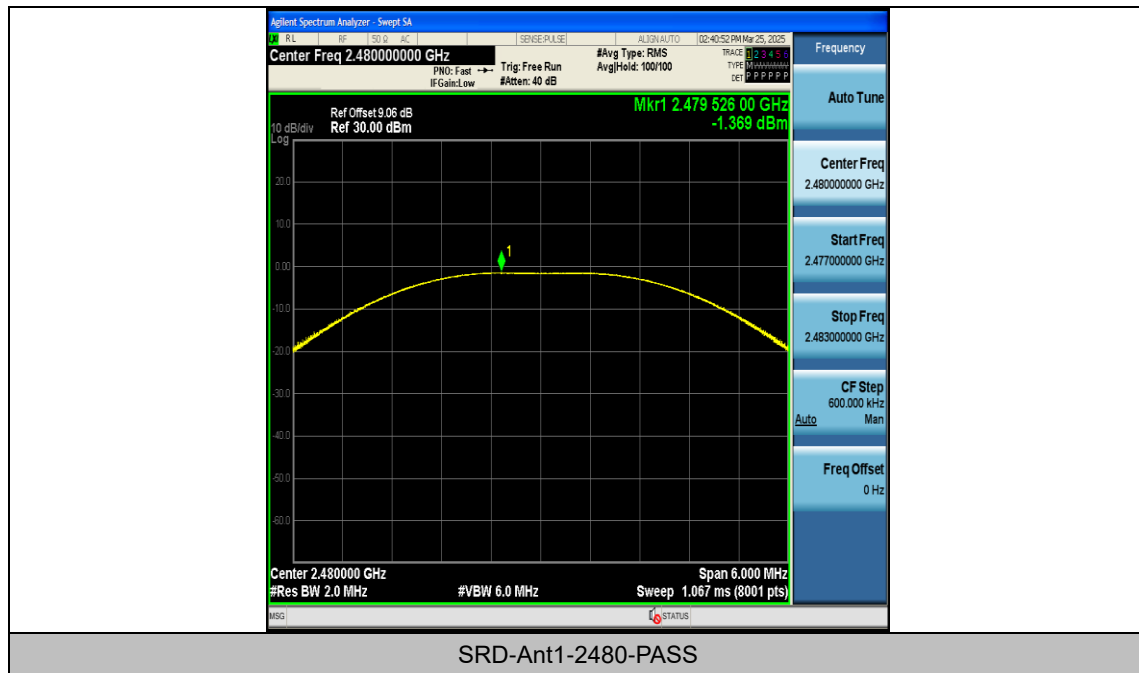
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2402	0.10	≤30	PASS
SRD	Ant1	2440	-0.20	≤30	PASS
SRD	Ant1	2480	-1.37	≤30	PASS

Test Graphs Peak



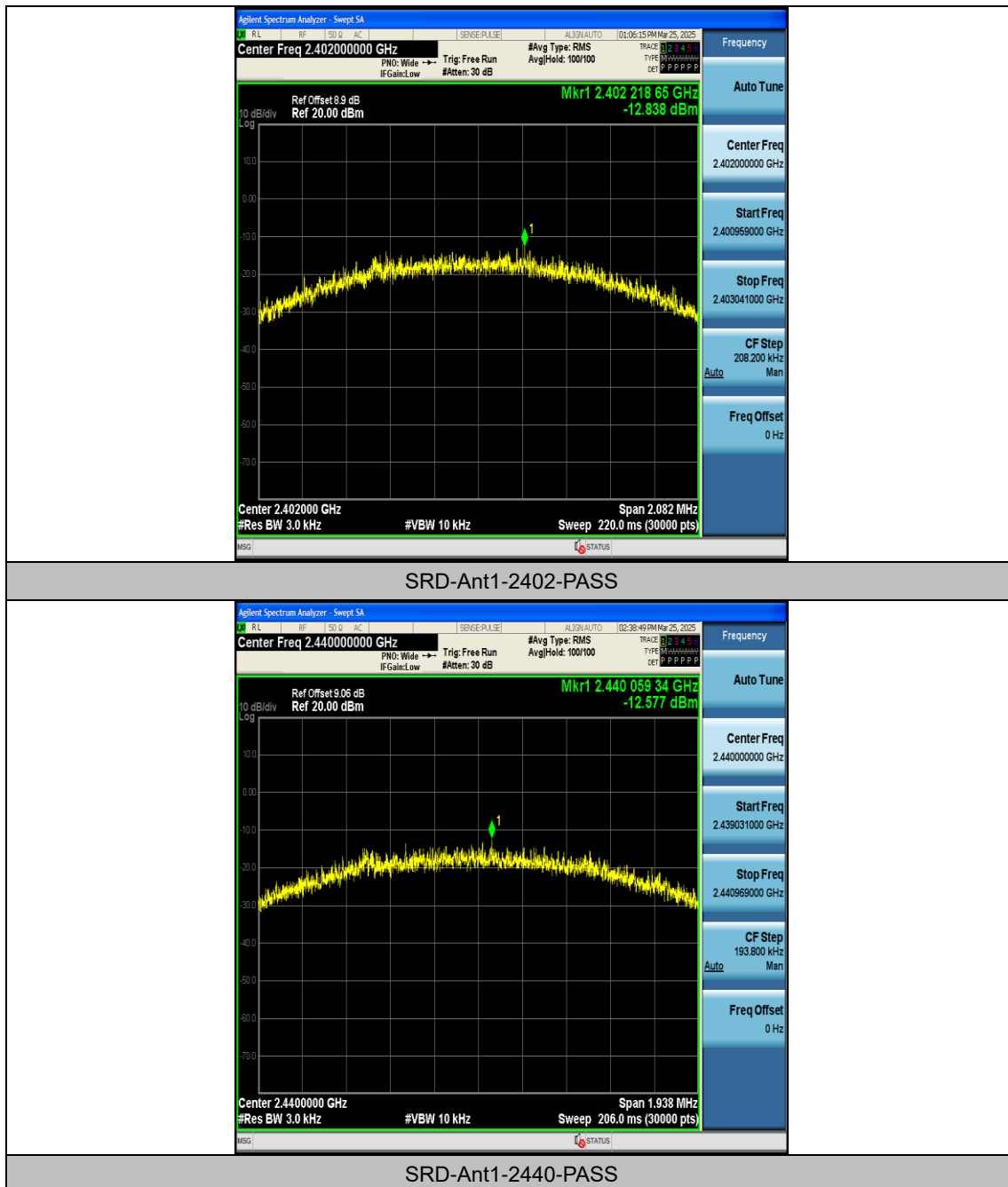


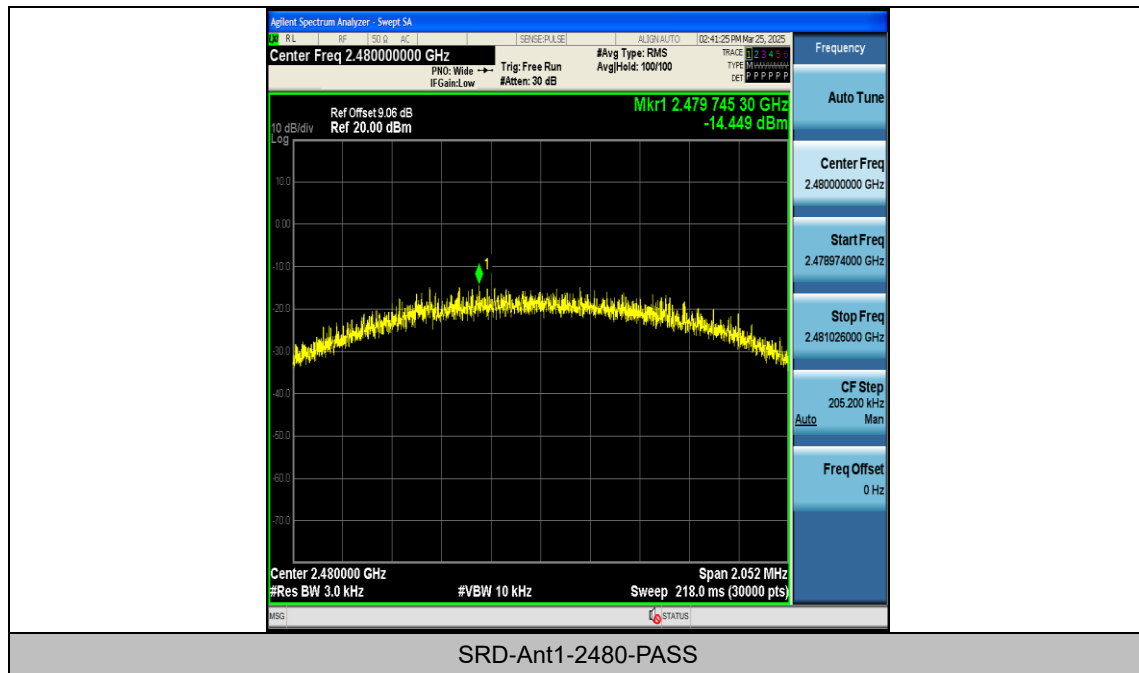
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2402	-12.84	≤8.00	PASS
SRD	Ant1	2440	-12.58	≤8.00	PASS
SRD	Ant1	2480	-14.45	≤8.00	PASS

Test Graphs



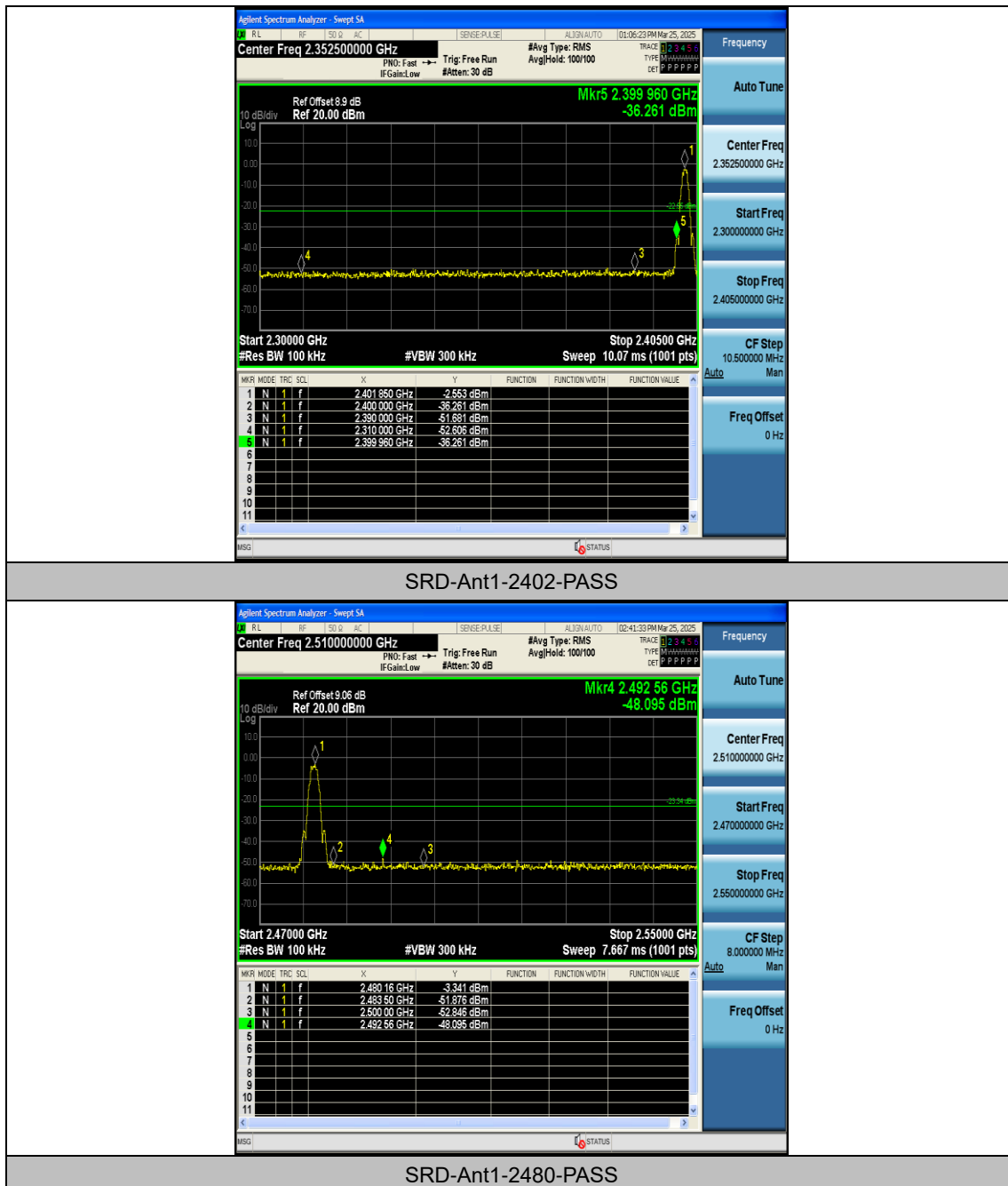


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2402	-2.55	-36.26	≤ -22.55	PASS
SRD	Ant1	High	2480	-3.34	-48.1	≤ -23.34	PASS

Test Graphs

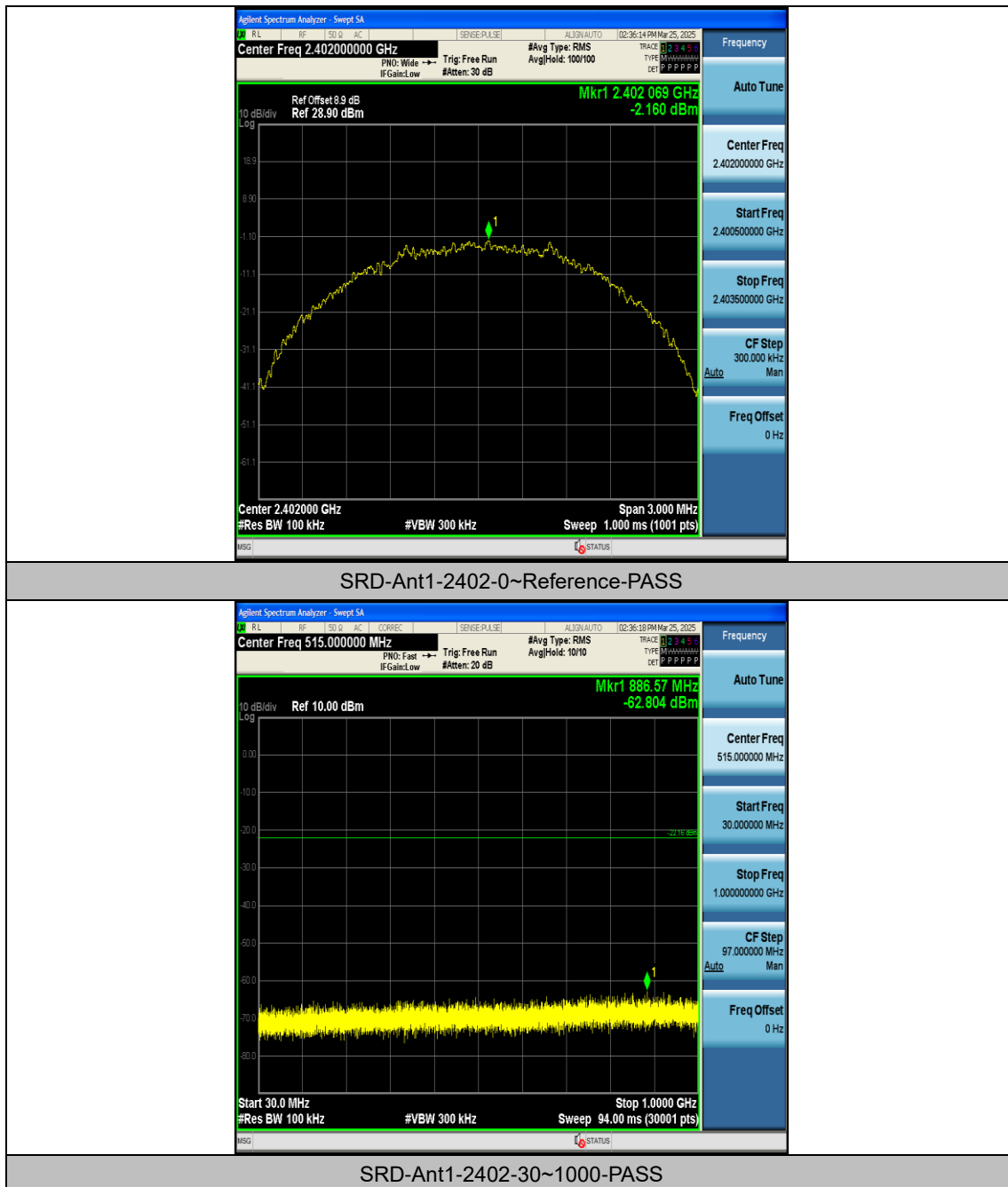


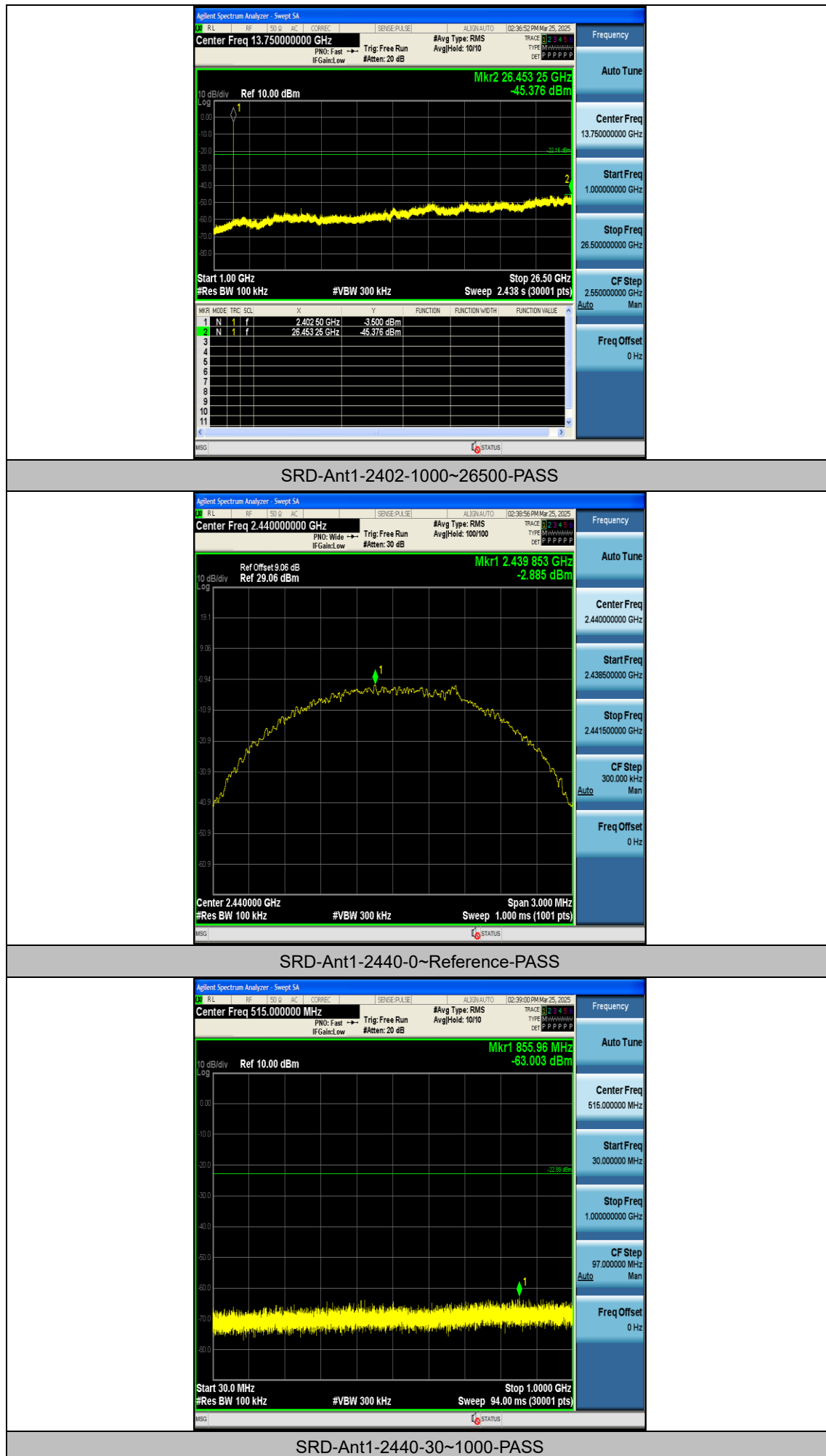
Appendix F: Conducted Spurious Emission

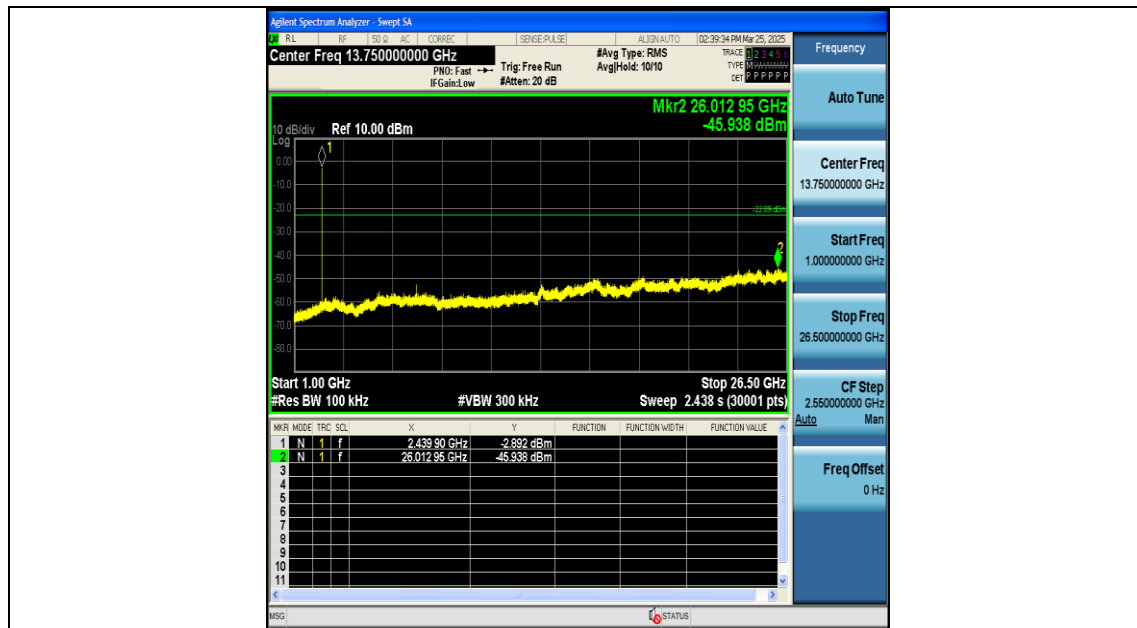
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2402	0~Reference	-2.16	-2.16	---	PASS
SRD	Ant1	2402	30~1000	-2.16	-62.8	≤ -22.16	PASS
SRD	Ant1	2402	1000~26500	-2.16	-45.38	≤ -22.16	PASS
SRD	Ant1	2440	0~Reference	-2.89	-2.89	---	PASS
SRD	Ant1	2440	30~1000	-2.89	-63	≤ -22.89	PASS
SRD	Ant1	2440	1000~26500	-2.89	-45.94	≤ -22.89	PASS
SRD	Ant1	2480	0~Reference	-3.91	-3.91	---	PASS
SRD	Ant1	2480	30~1000	-3.91	-62.43	≤ -23.91	PASS
SRD	Ant1	2480	1000~26500	-3.91	-44.36	≤ -23.91	PASS

Test Graphs



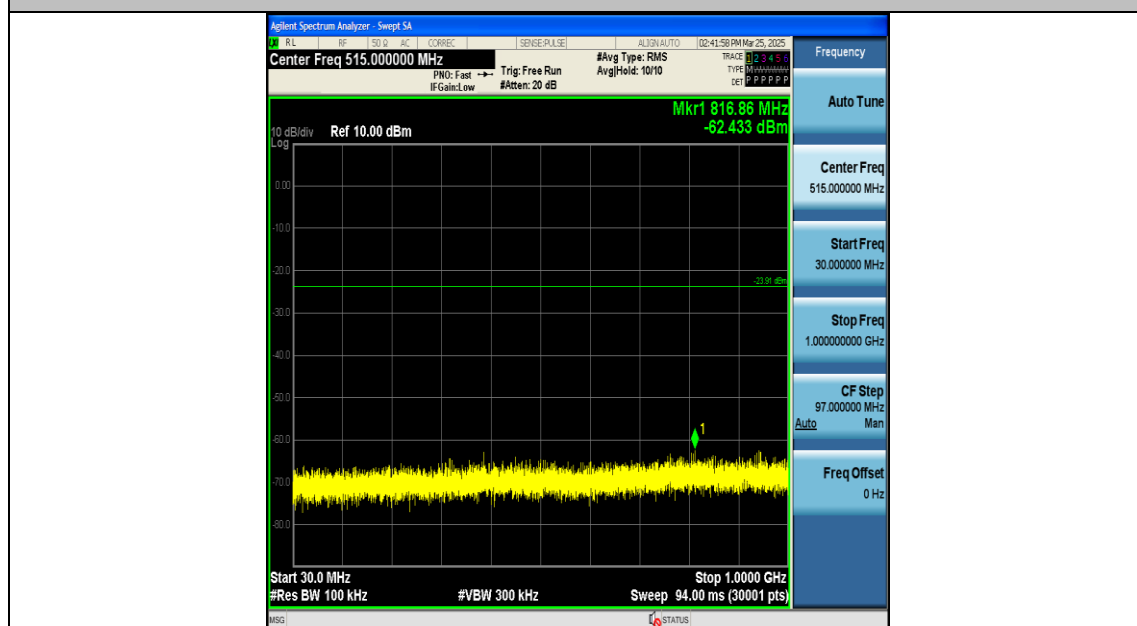




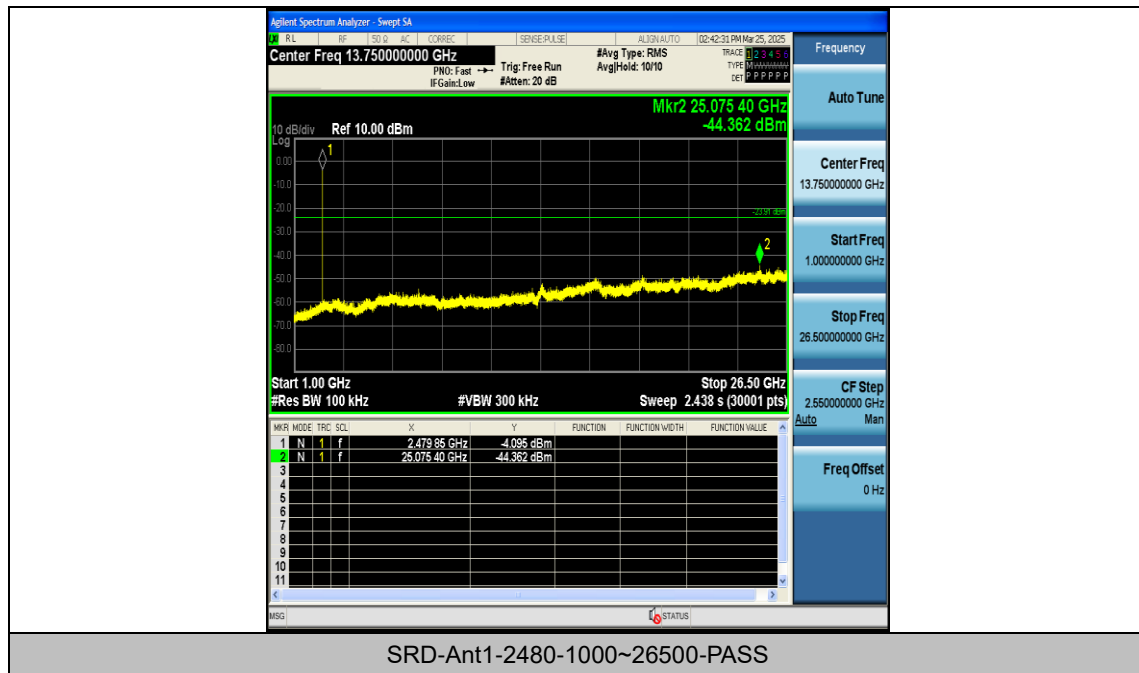
SRD-Ant1-2440-1000~26500-PASS



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

