

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Keyboard

Trade Mark: JamesDonkey

Test Model: J1

FCC ID: 2BGKB-J1

Environmental Conditions

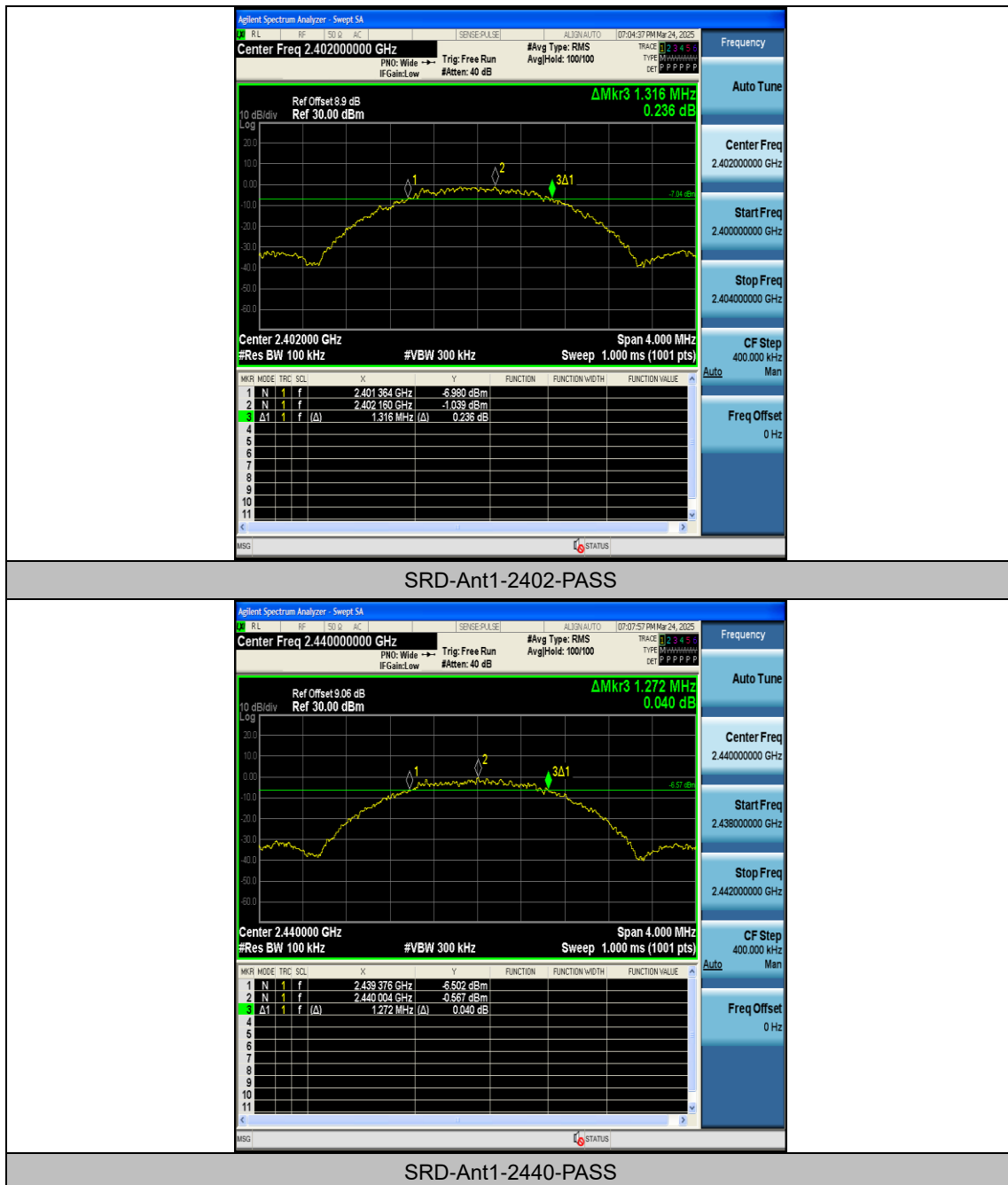
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2402	1.316	2401.364	2402.680	0.5	PASS
SRD	Ant1	2440	1.272	2439.376	2440.648	0.5	PASS
SRD	Ant1	2480	1.452	2479.324	2480.776	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	2.0312	2400.9803	2403.0115	---	---
SRD	Ant1	2440	2.0779	2438.9642	2441.0421	---	---
SRD	Ant1	2480	2.0678	2478.9659	2481.0337	---	---

Test Graphs



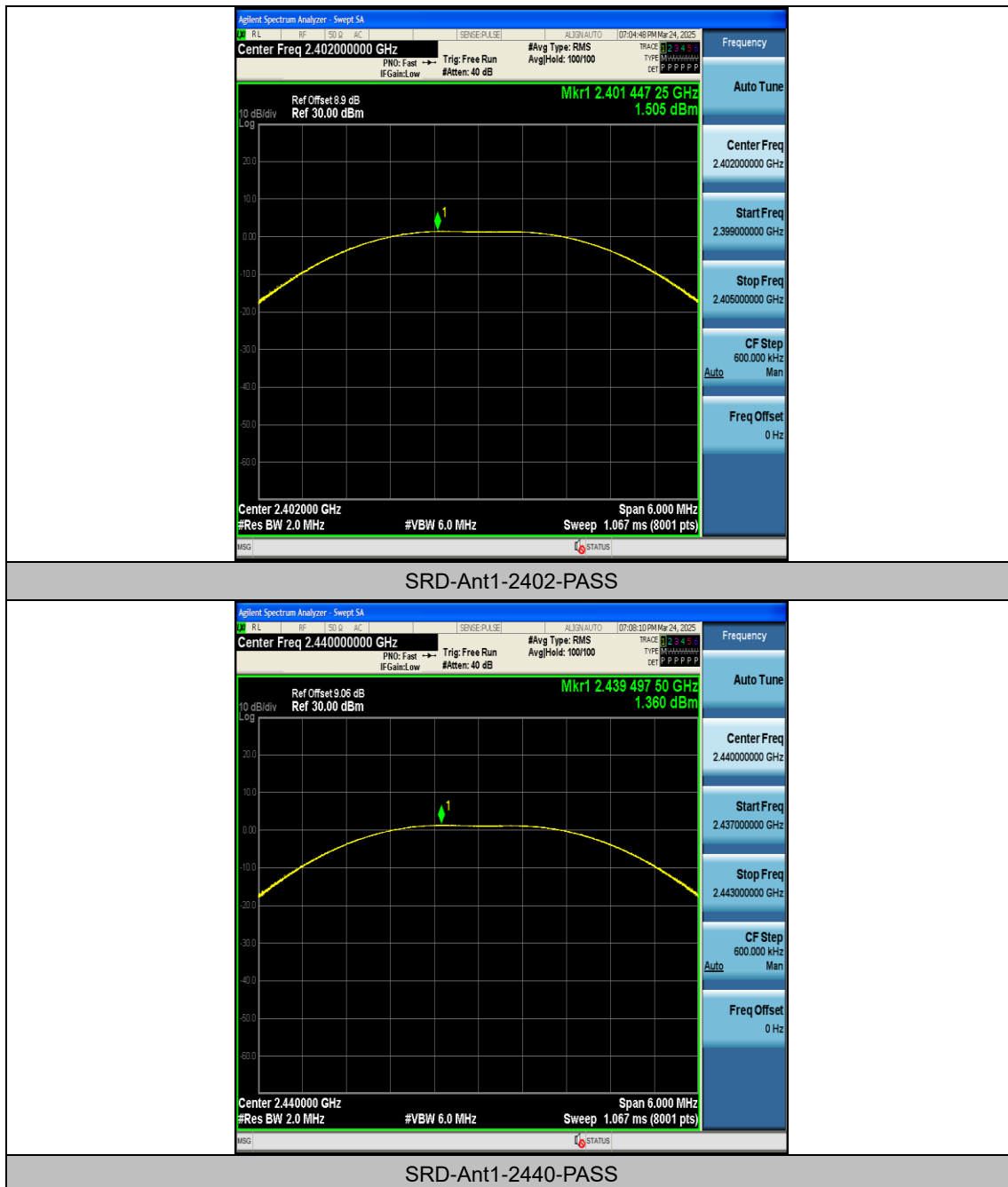


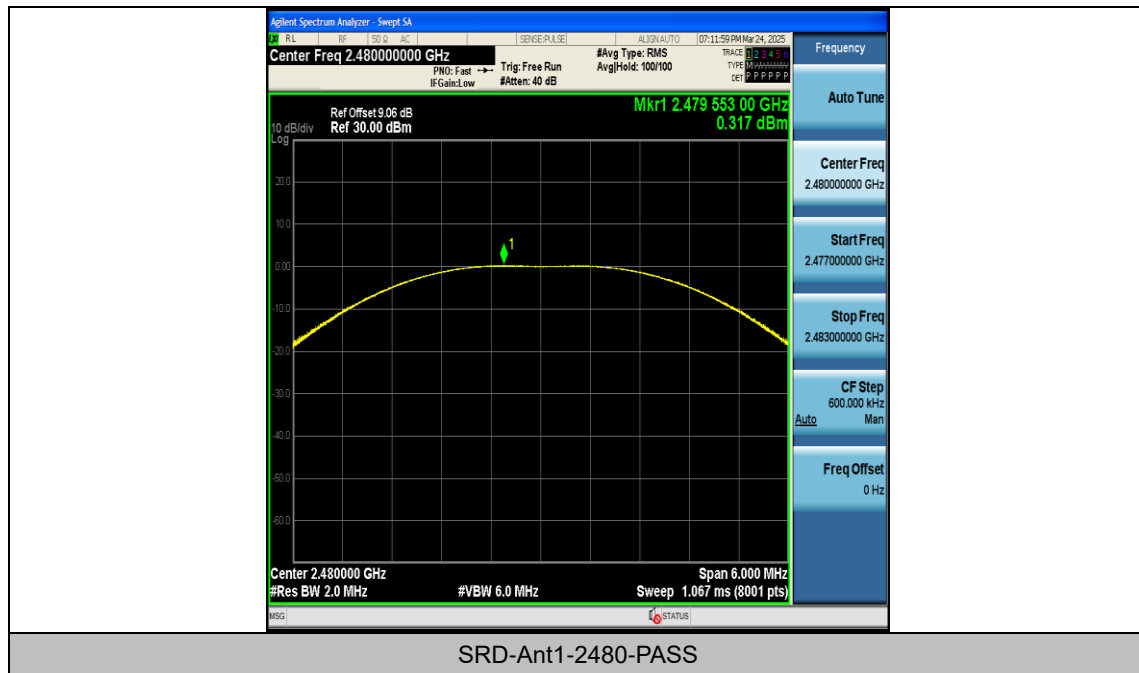
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2402	1.51	≤30	PASS
SRD	Ant1	2440	1.36	≤30	PASS
SRD	Ant1	2480	0.32	≤30	PASS

Test Graphs Peak



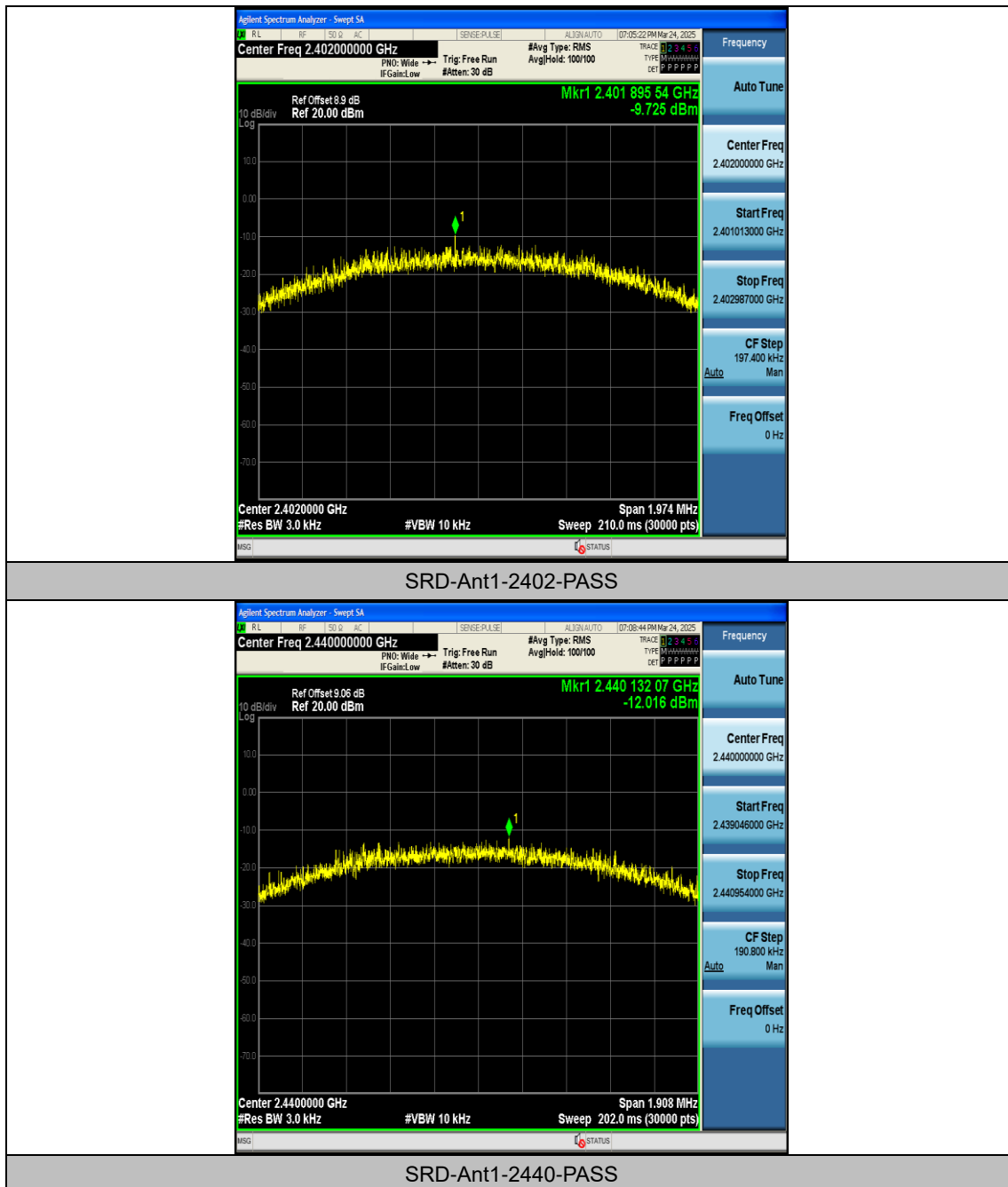


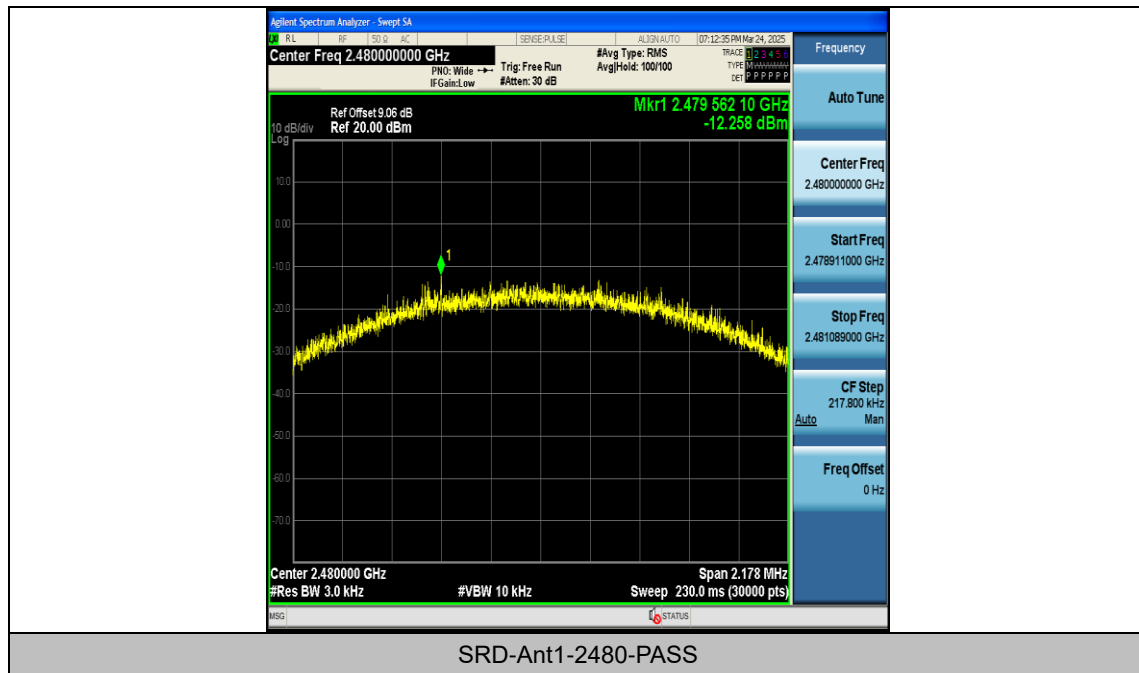
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2402	-9.73	≤8.00	PASS
SRD	Ant1	2440	-12.02	≤8.00	PASS
SRD	Ant1	2480	-12.26	≤8.00	PASS

Test Graphs



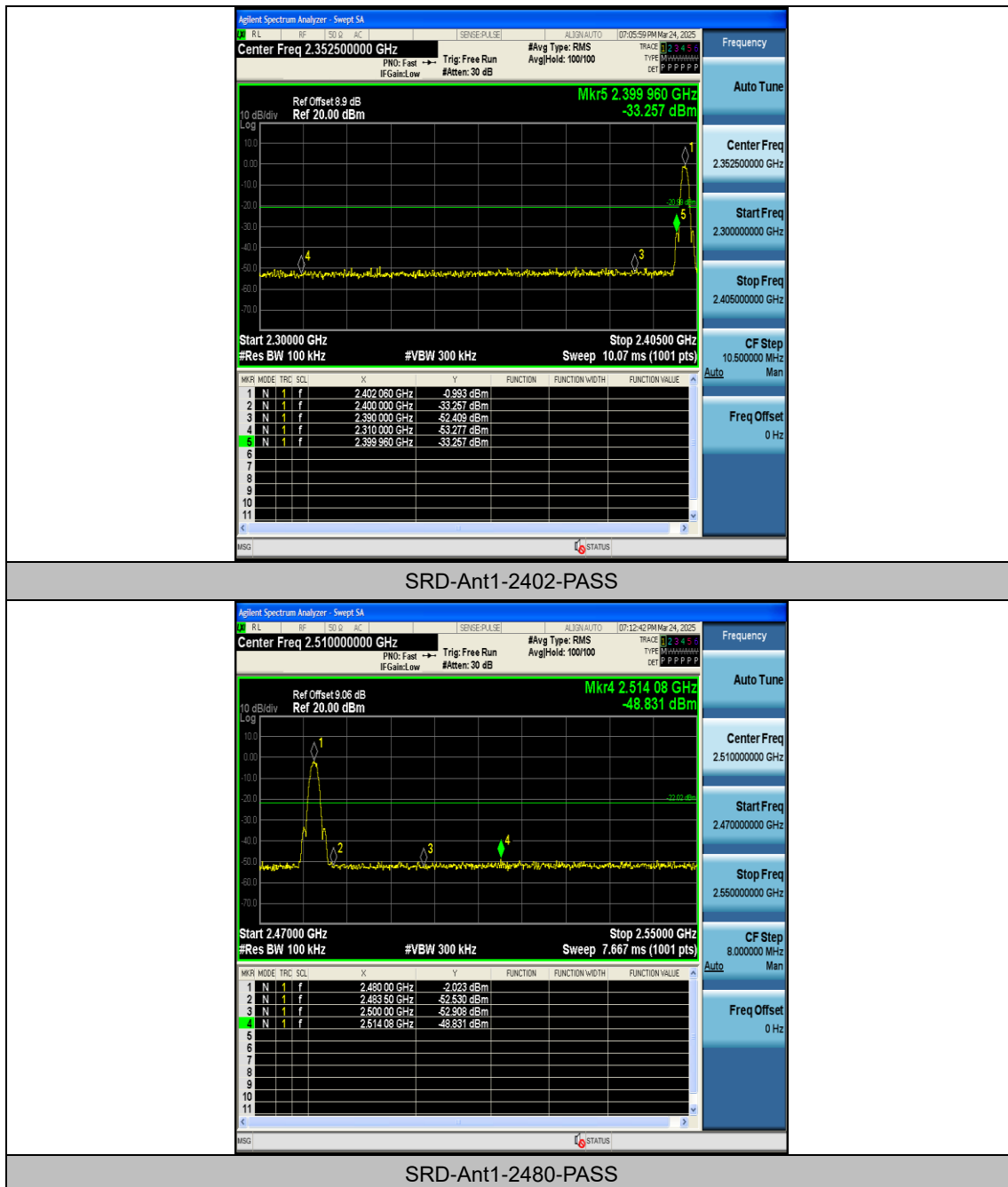


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2402	-0.99	-33.26	≤ -20.99	PASS
SRD	Ant1	High	2480	-2.02	-48.83	≤ -22.02	PASS

Test Graphs

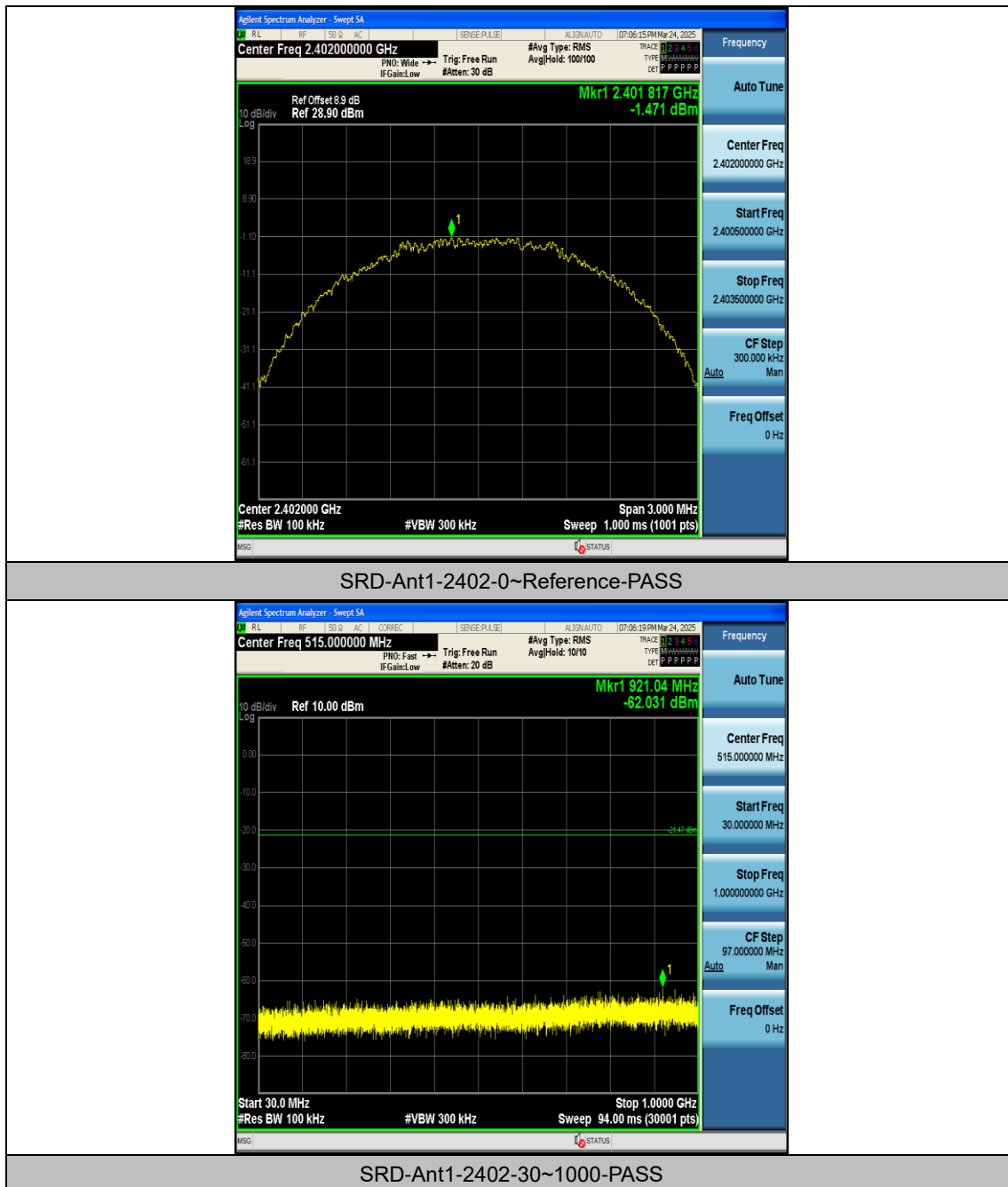


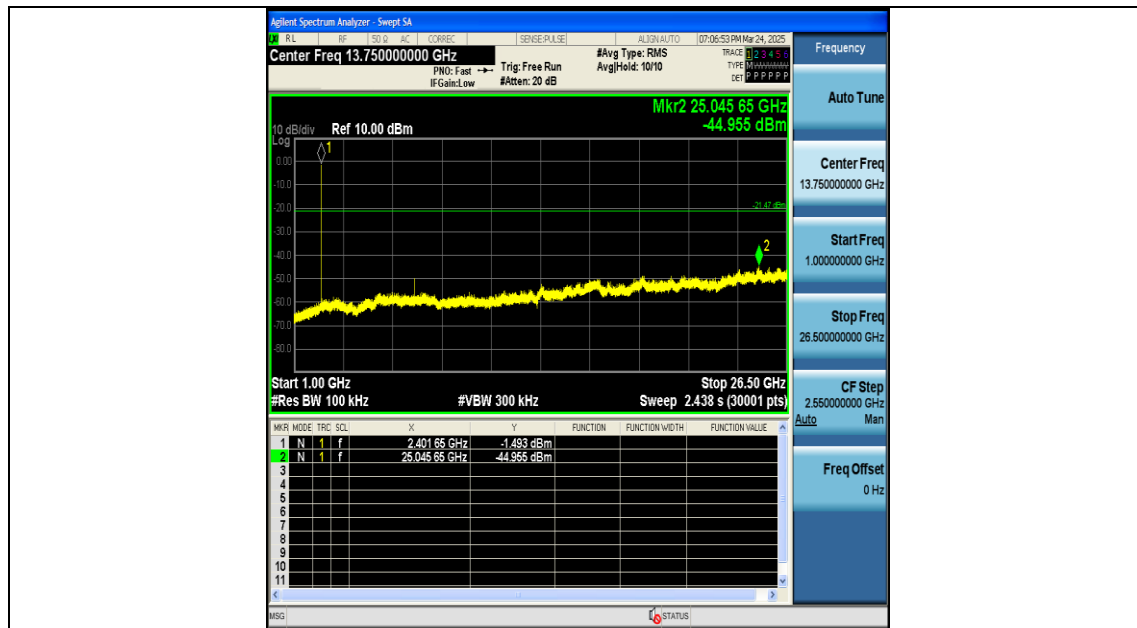
Appendix F: Conducted Spurious Emission

Test Result

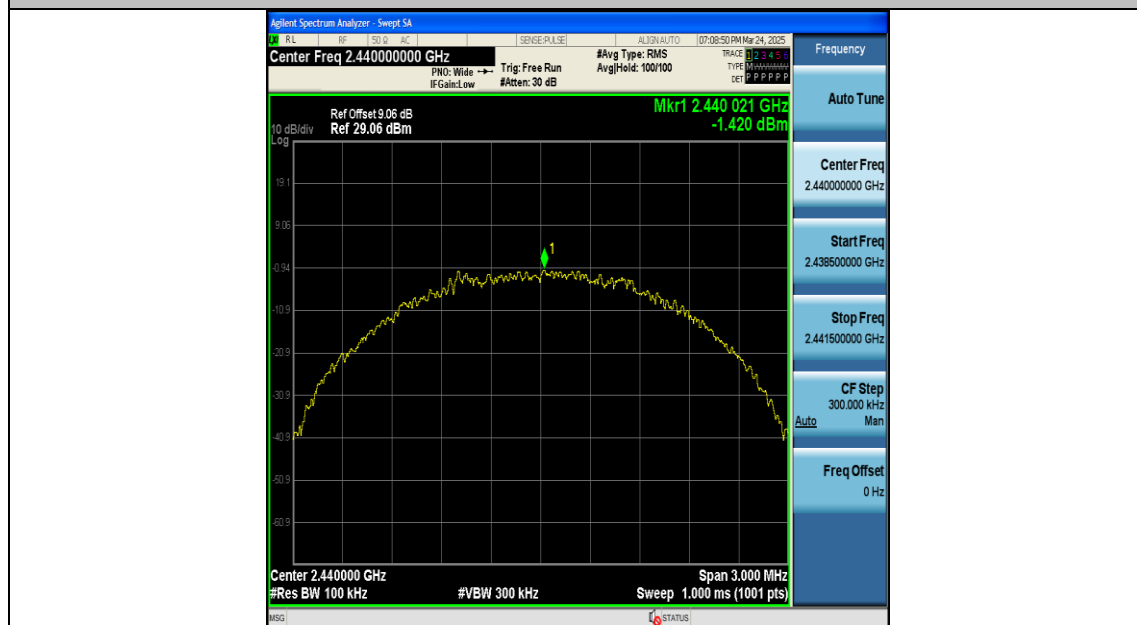
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2402	0~Reference	-1.47	-1.47	---	PASS
SRD	Ant1	2402	30~1000	-1.47	-62.03	≤ -21.47	PASS
SRD	Ant1	2402	1000~26500	-1.47	-44.96	≤ -21.47	PASS
SRD	Ant1	2440	0~Reference	-1.42	-1.42	---	PASS
SRD	Ant1	2440	30~1000	-1.42	-63.04	≤ -21.42	PASS
SRD	Ant1	2440	1000~26500	-1.42	-45.16	≤ -21.42	PASS
SRD	Ant1	2480	0~Reference	-1.98	-1.98	---	PASS
SRD	Ant1	2480	30~1000	-1.98	-62.94	≤ -21.98	PASS
SRD	Ant1	2480	1000~26500	-1.98	-45.49	≤ -21.98	PASS

Test Graphs

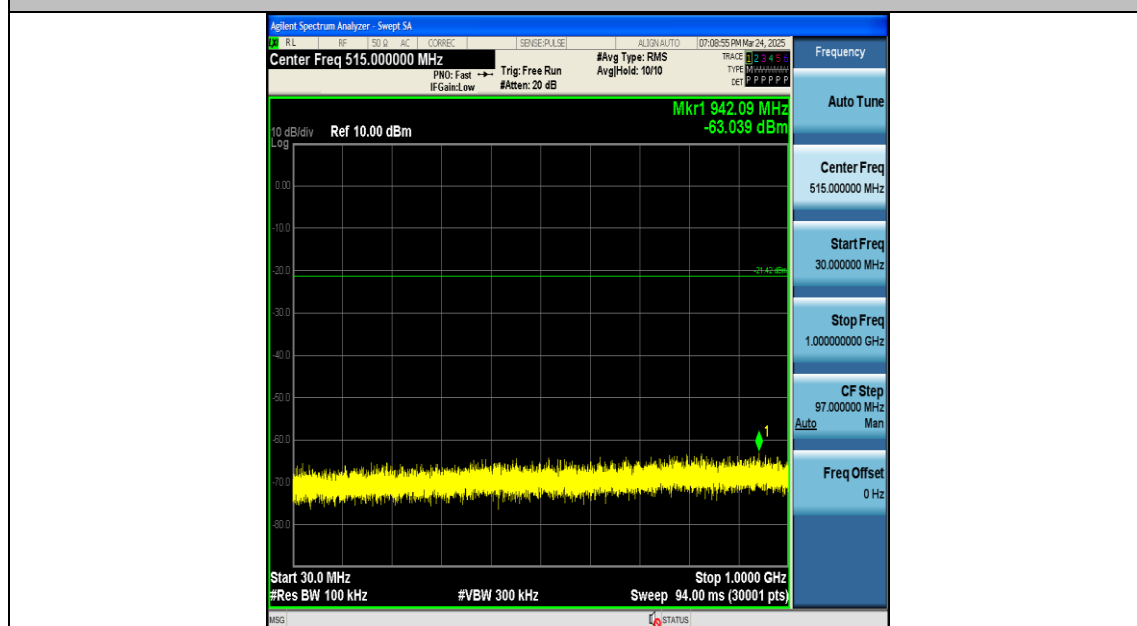




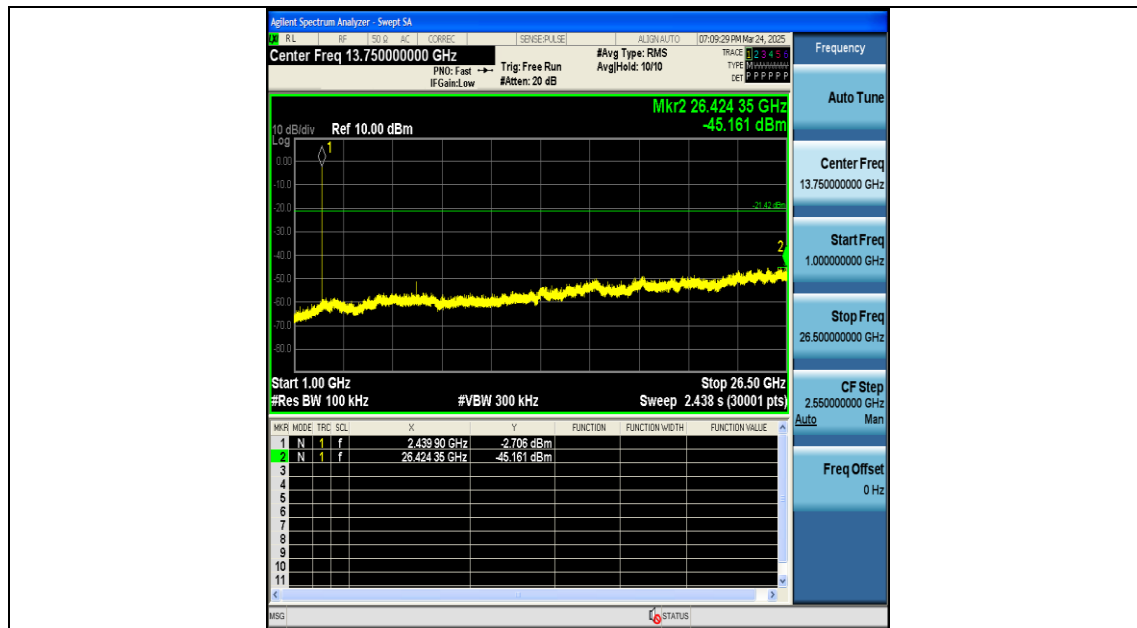
SRD-Ant1-2402-1000~26500-PASS



SRD-Ant1-2440-0~Reference-PASS



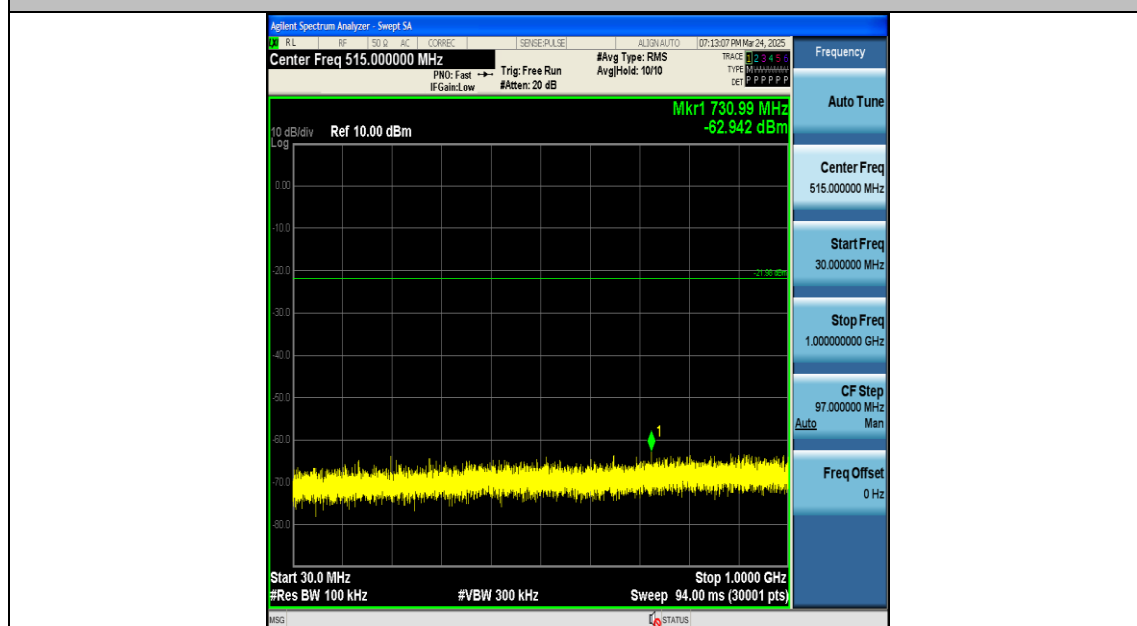
SRD-Ant1-2440-30~1000-PASS



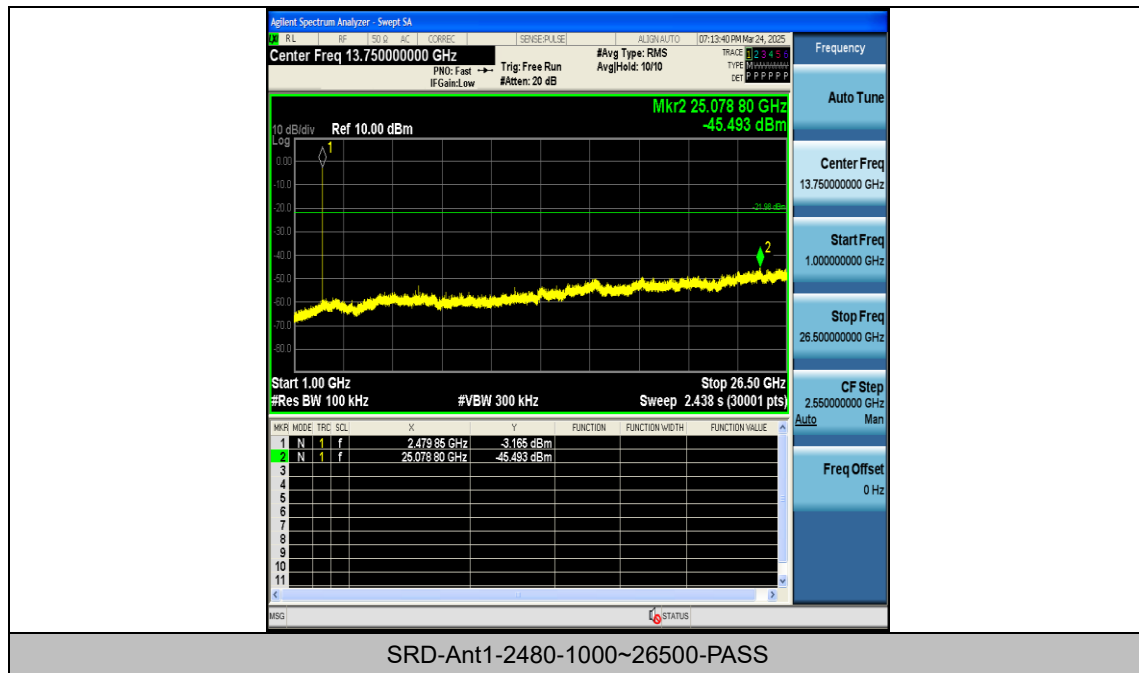
SRD-Ant1-2440-1000~26500-PASS



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

