

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Mouse

Trade Mark: Keychron

Test Model: BM22

FCC ID: 2BGKB-BM22

Environmental Conditions

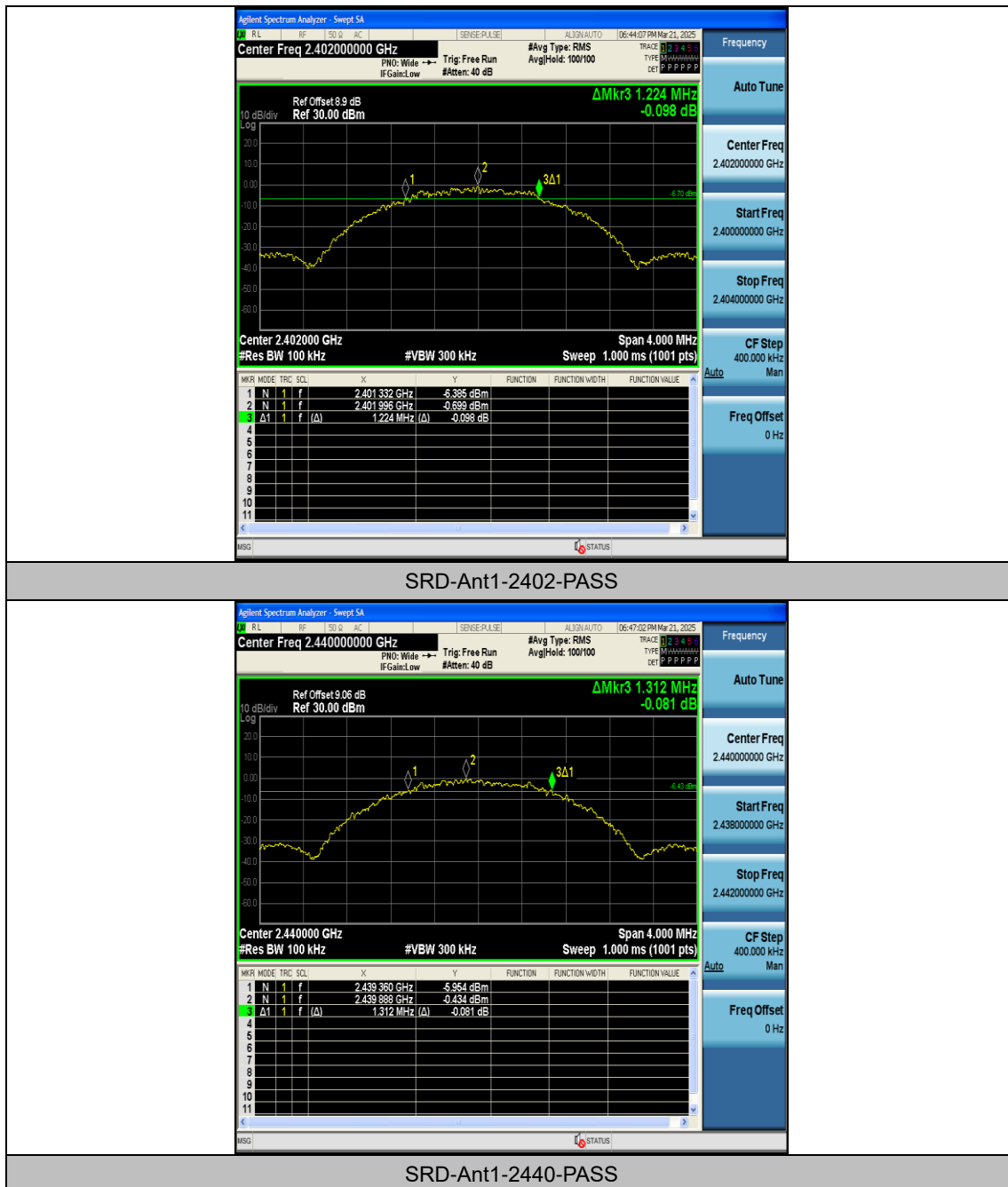
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

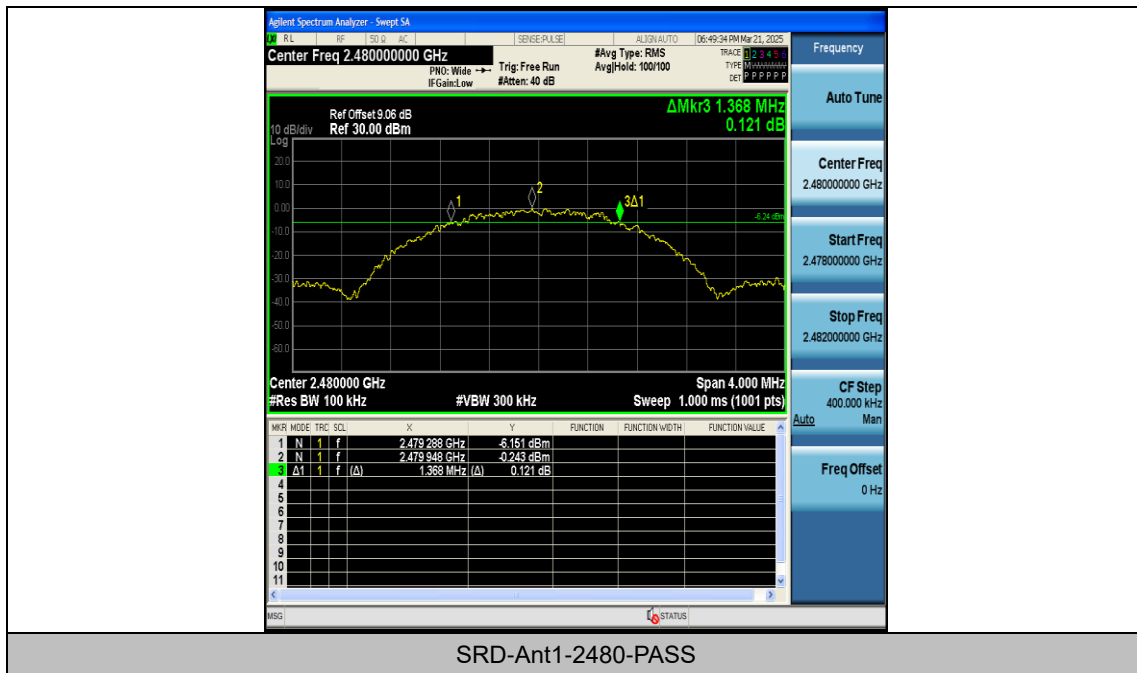
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2402	1.224	2401.332	2402.556	0.5	PASS
SRD	Ant1	2440	1.312	2439.360	2440.672	0.5	PASS
SRD	Ant1	2480	1.368	2479.288	2480.656	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	2.0608	2400.9387	2402.9995	---	---
SRD	Ant1	2440	2.0562	2438.9524	2441.0086	---	---
SRD	Ant1	2480	2.0612	2478.9350	2480.9962	---	---

Test Graphs



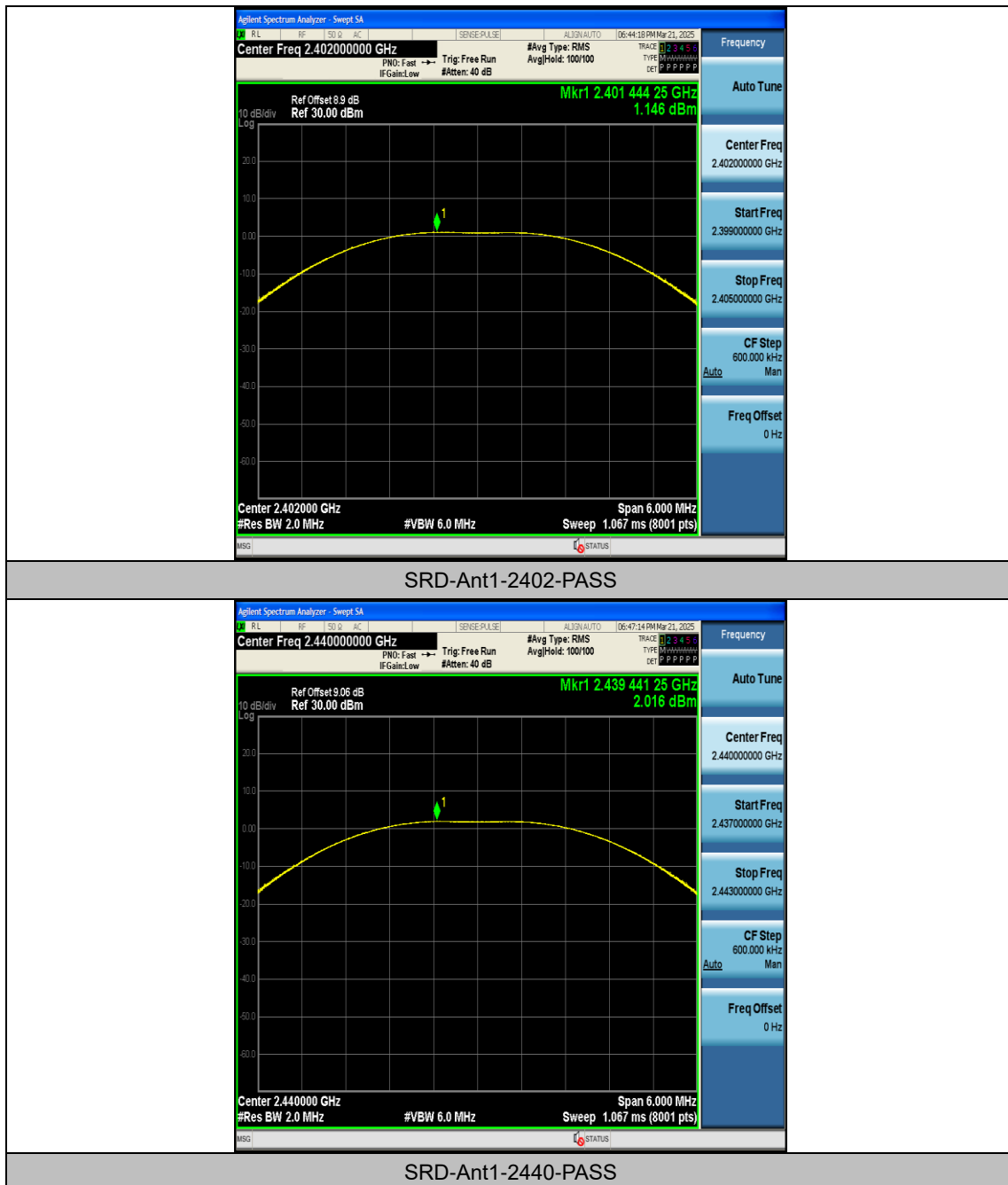


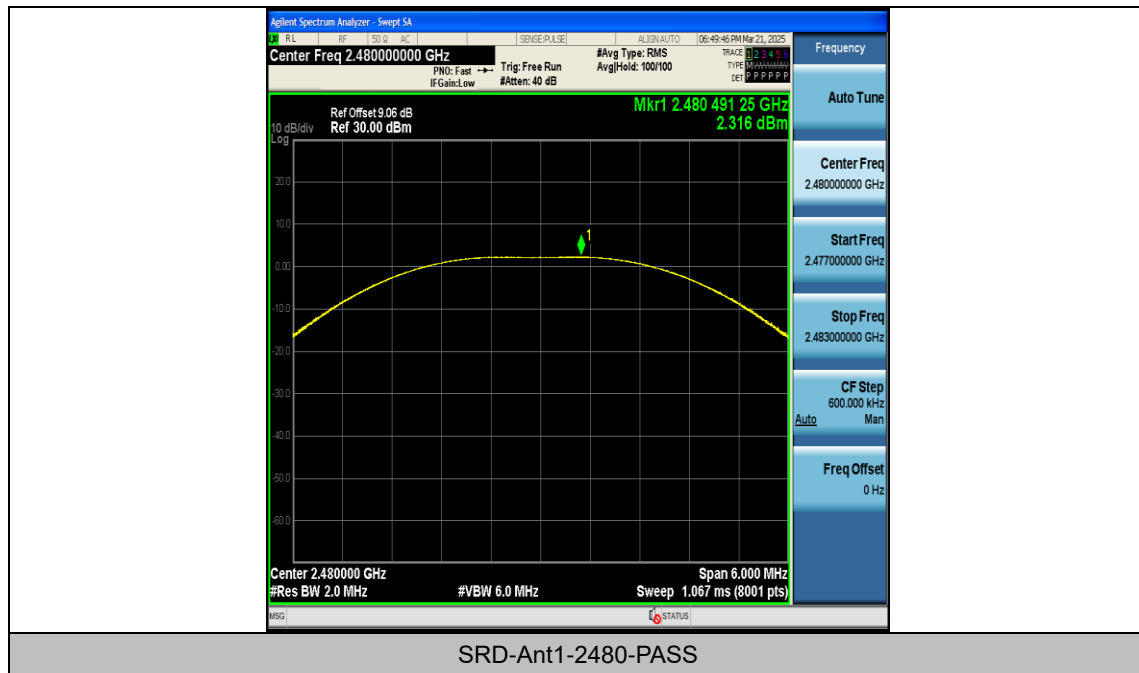
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2402	1.15	≤30	PASS
SRD	Ant1	2440	2.02	≤30	PASS
SRD	Ant1	2480	2.32	≤30	PASS

Test Graphs Peak



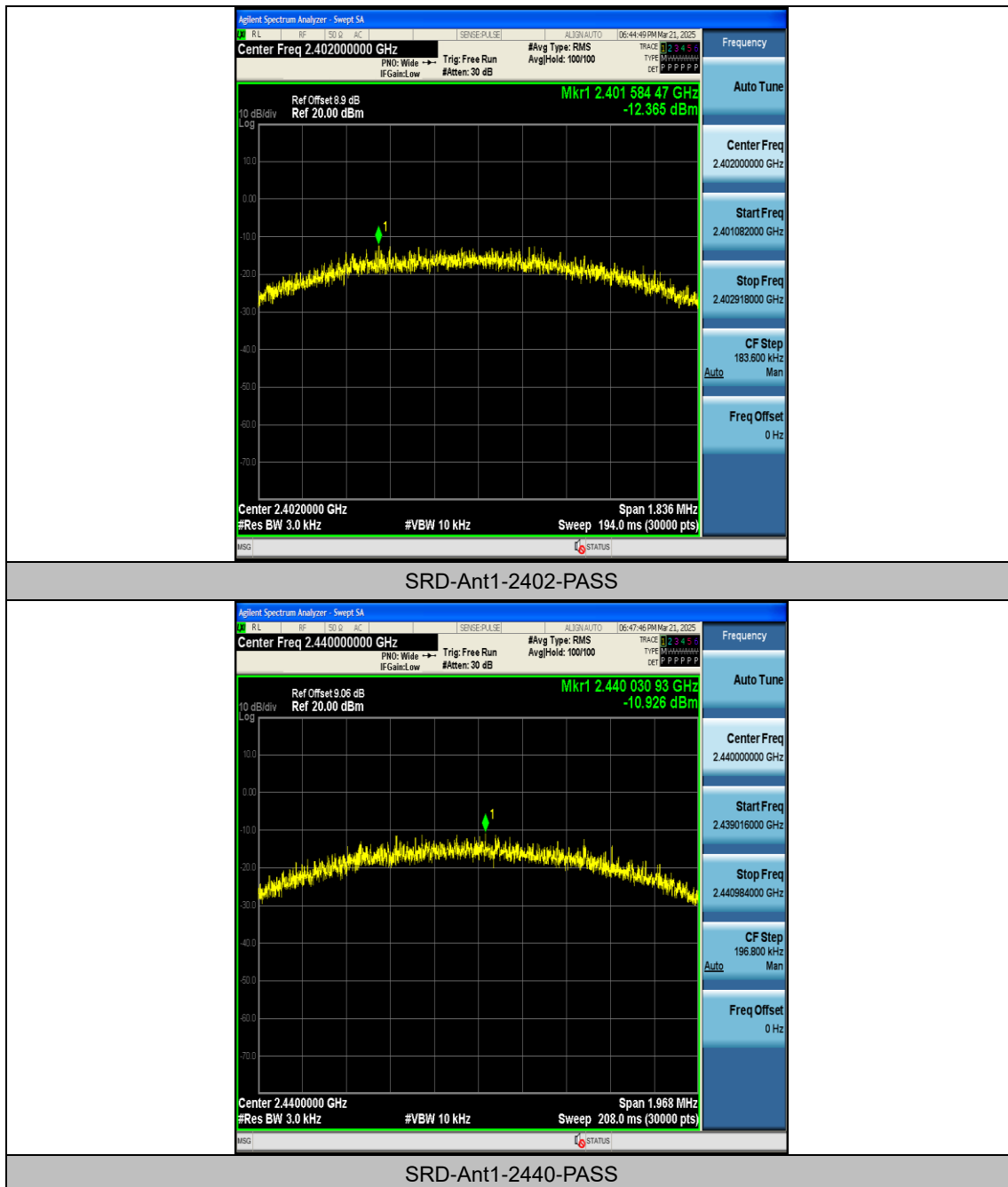


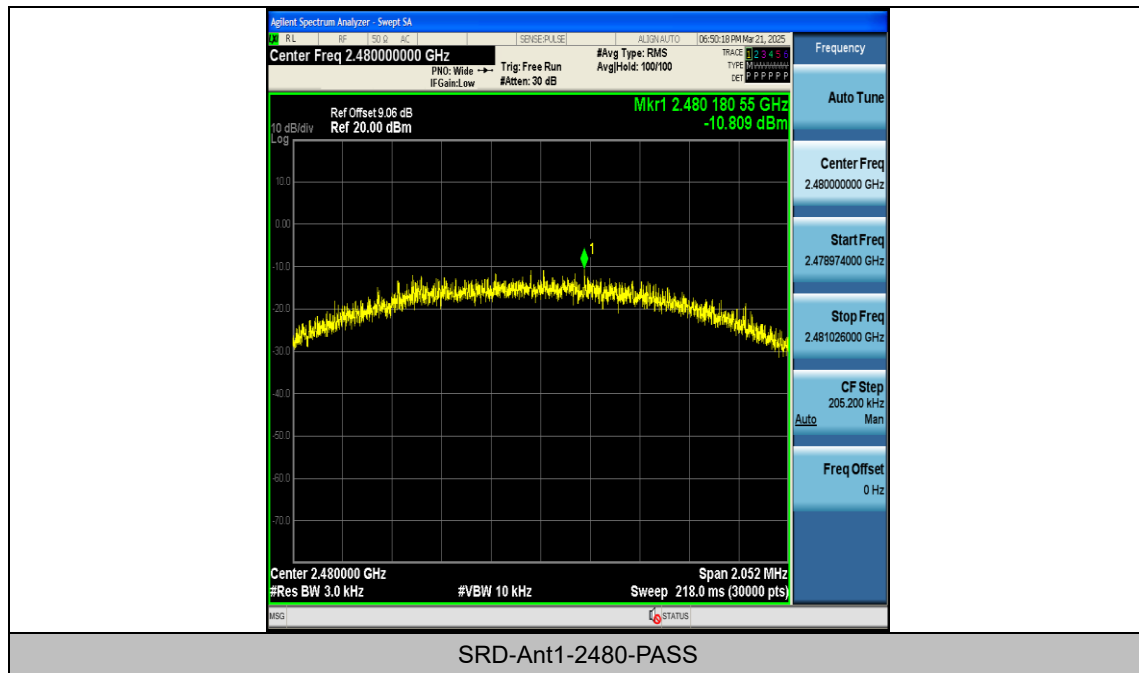
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2402	-12.37	≤8.00	PASS
SRD	Ant1	2440	-10.93	≤8.00	PASS
SRD	Ant1	2480	-10.81	≤8.00	PASS

Test Graphs



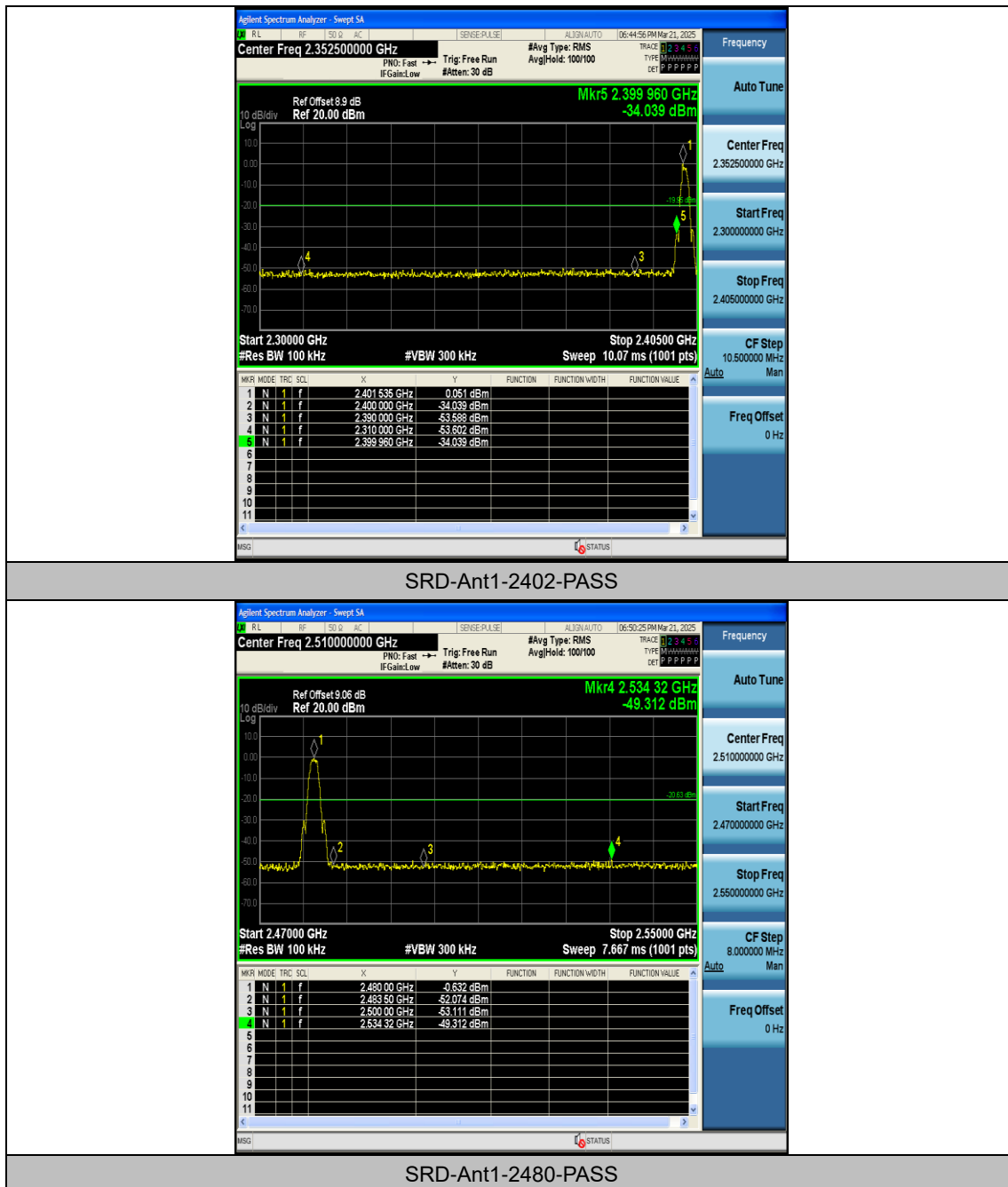


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2402	0.05	-34.04	≤ -19.95	PASS
SRD	Ant1	High	2480	-0.63	-49.31	≤ -20.63	PASS

Test Graphs

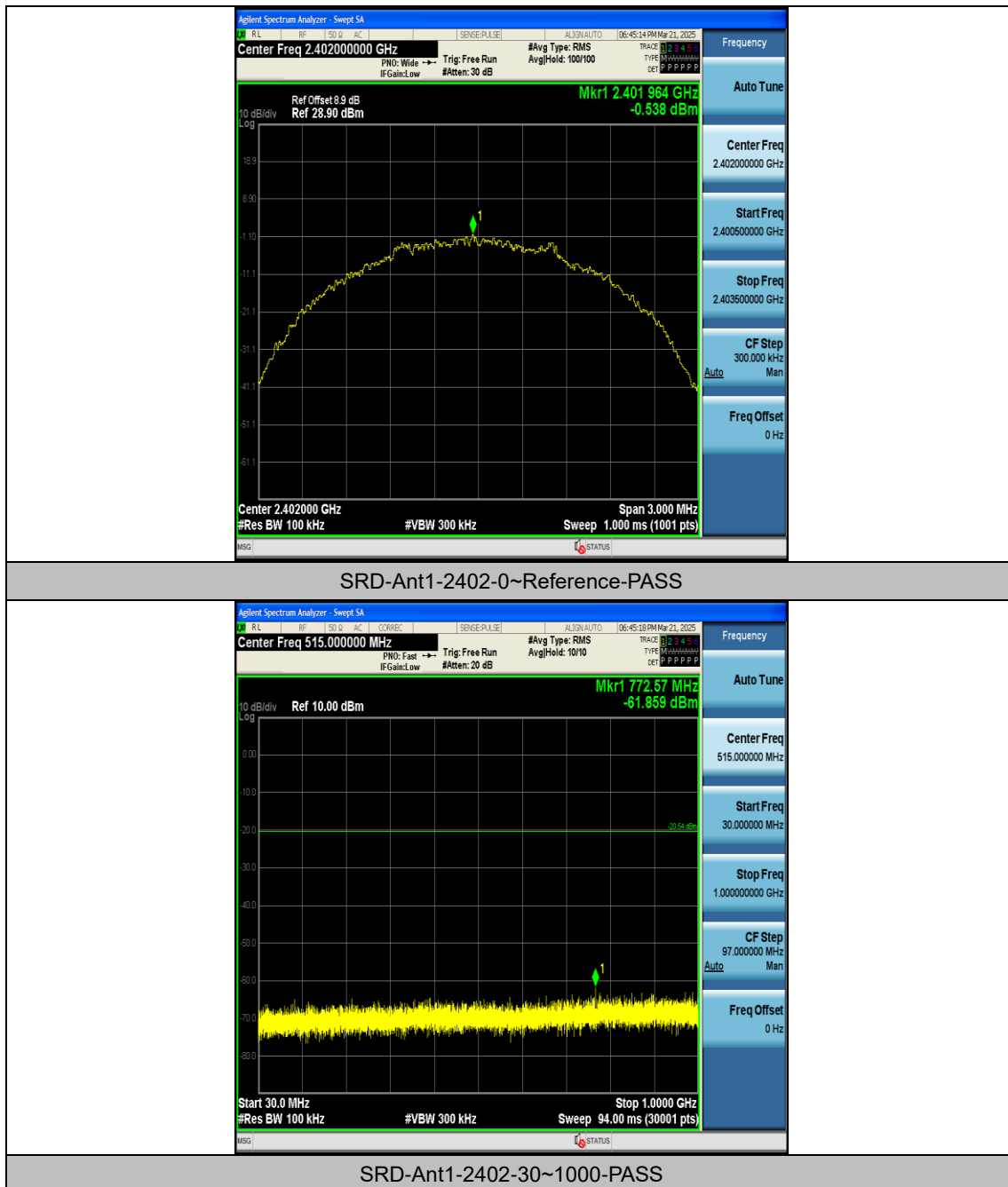


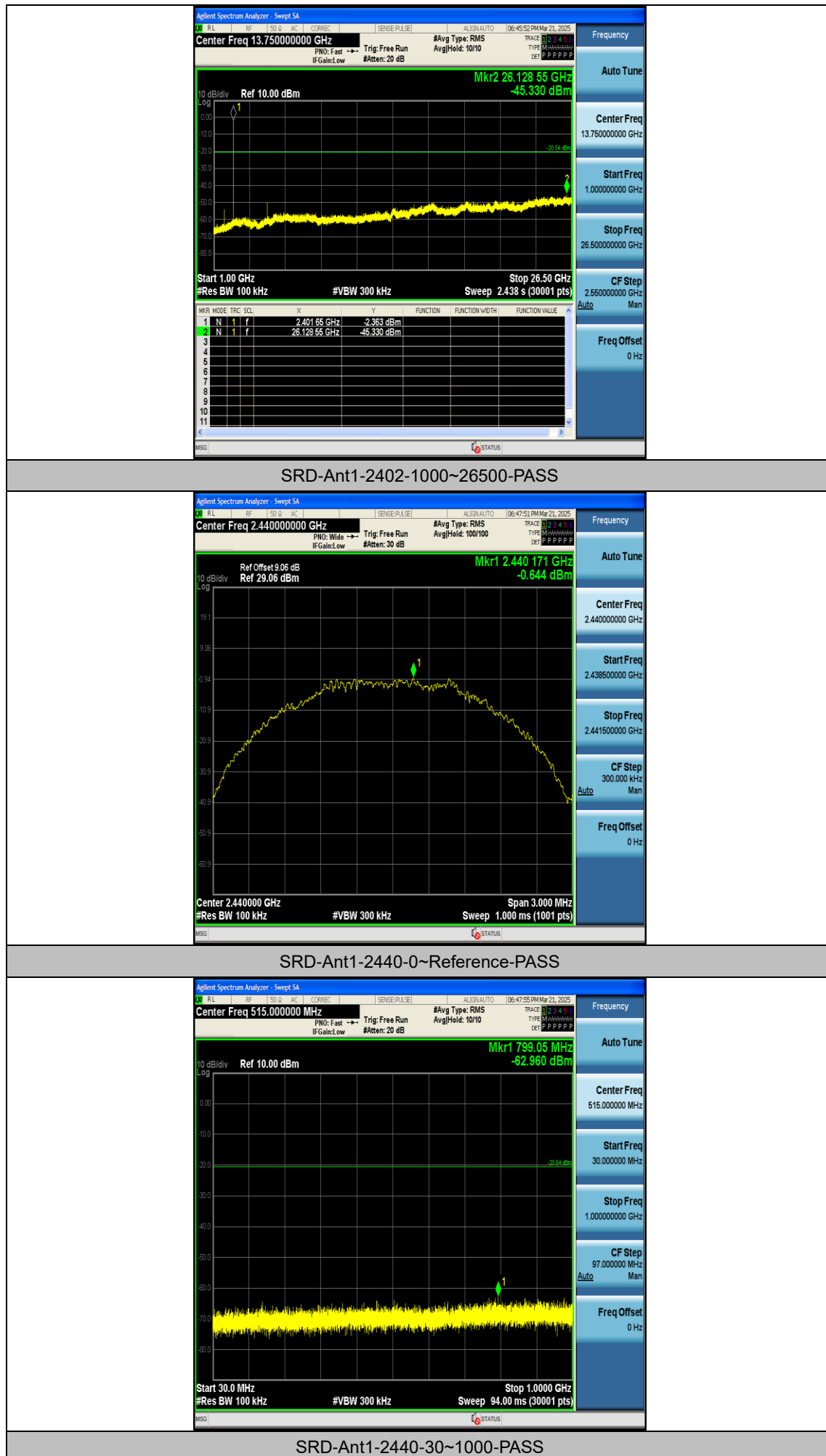
Appendix F: Conducted Spurious Emission

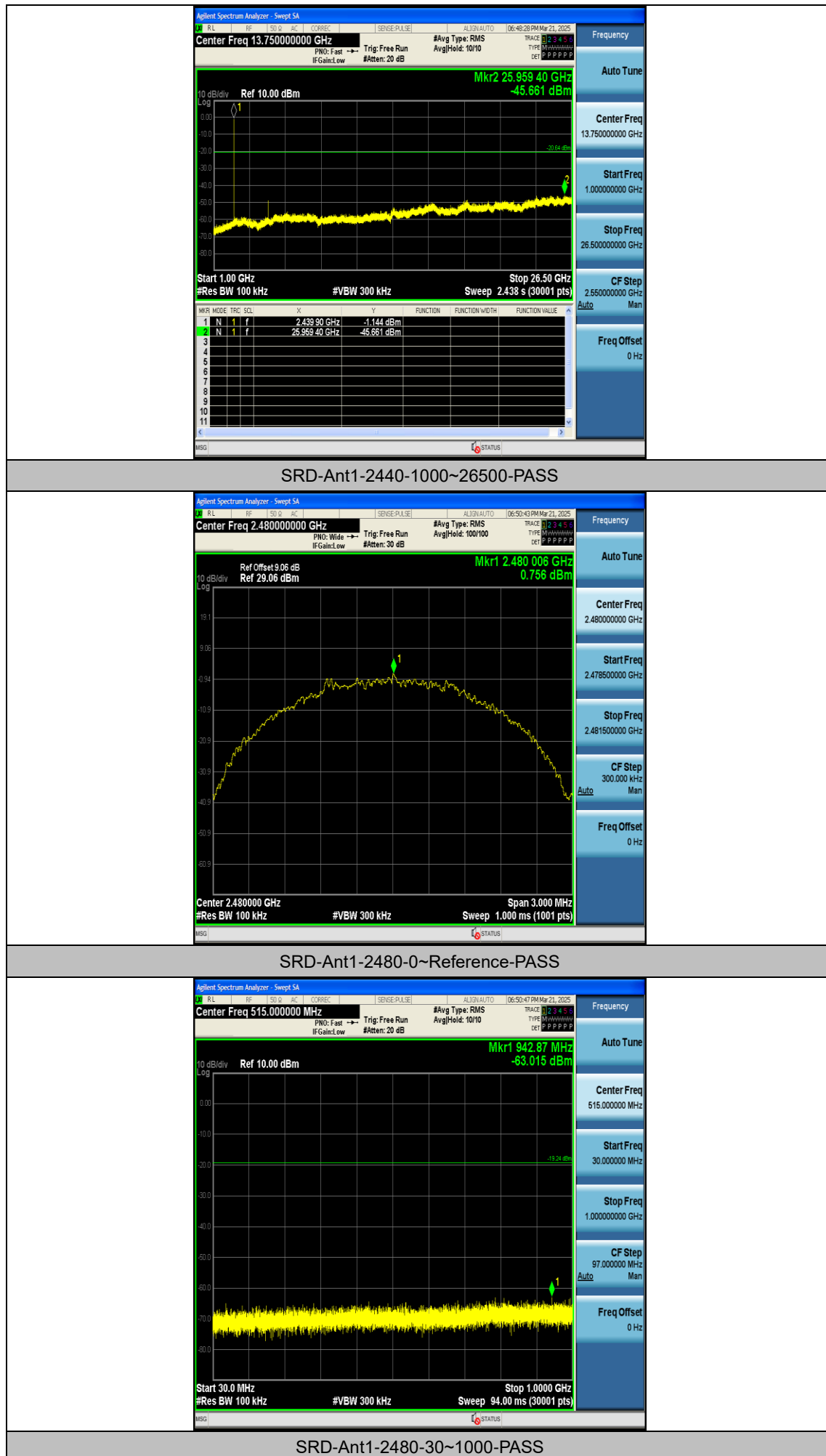
Test Result

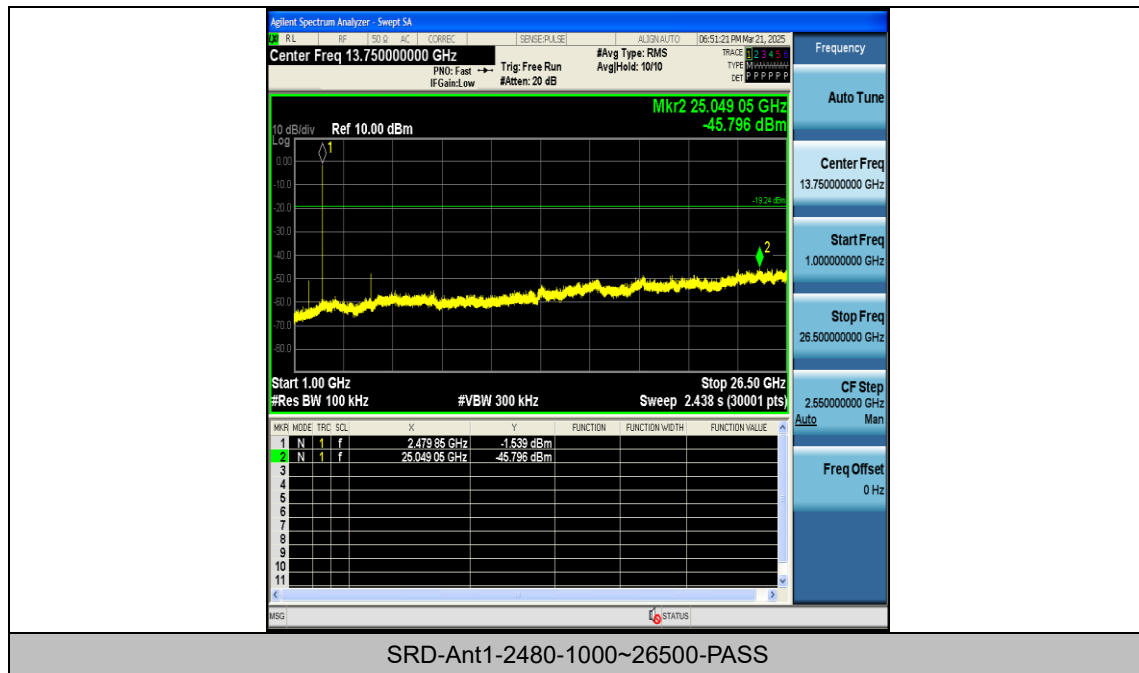
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2402	0~Reference	-0.54	-0.54	---	PASS
SRD	Ant1	2402	30~1000	-0.54	-61.86	≤-20.54	PASS
SRD	Ant1	2402	1000~26500	-0.54	-45.33	≤-20.54	PASS
SRD	Ant1	2440	0~Reference	-0.64	-0.64	---	PASS
SRD	Ant1	2440	30~1000	-0.64	-62.96	≤-20.64	PASS
SRD	Ant1	2440	1000~26500	-0.64	-45.66	≤-20.64	PASS
SRD	Ant1	2480	0~Reference	0.76	0.76	---	PASS
SRD	Ant1	2480	30~1000	0.76	-63.02	≤-19.24	PASS
SRD	Ant1	2480	1000~26500	0.76	-45.8	≤-19.24	PASS

Test Graphs









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

