

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Keyboard

Trade Mark: Lemokey, Keychron

Test Model: P1 Pro

FCC ID: 2BGKB-P1

Environmental Conditions

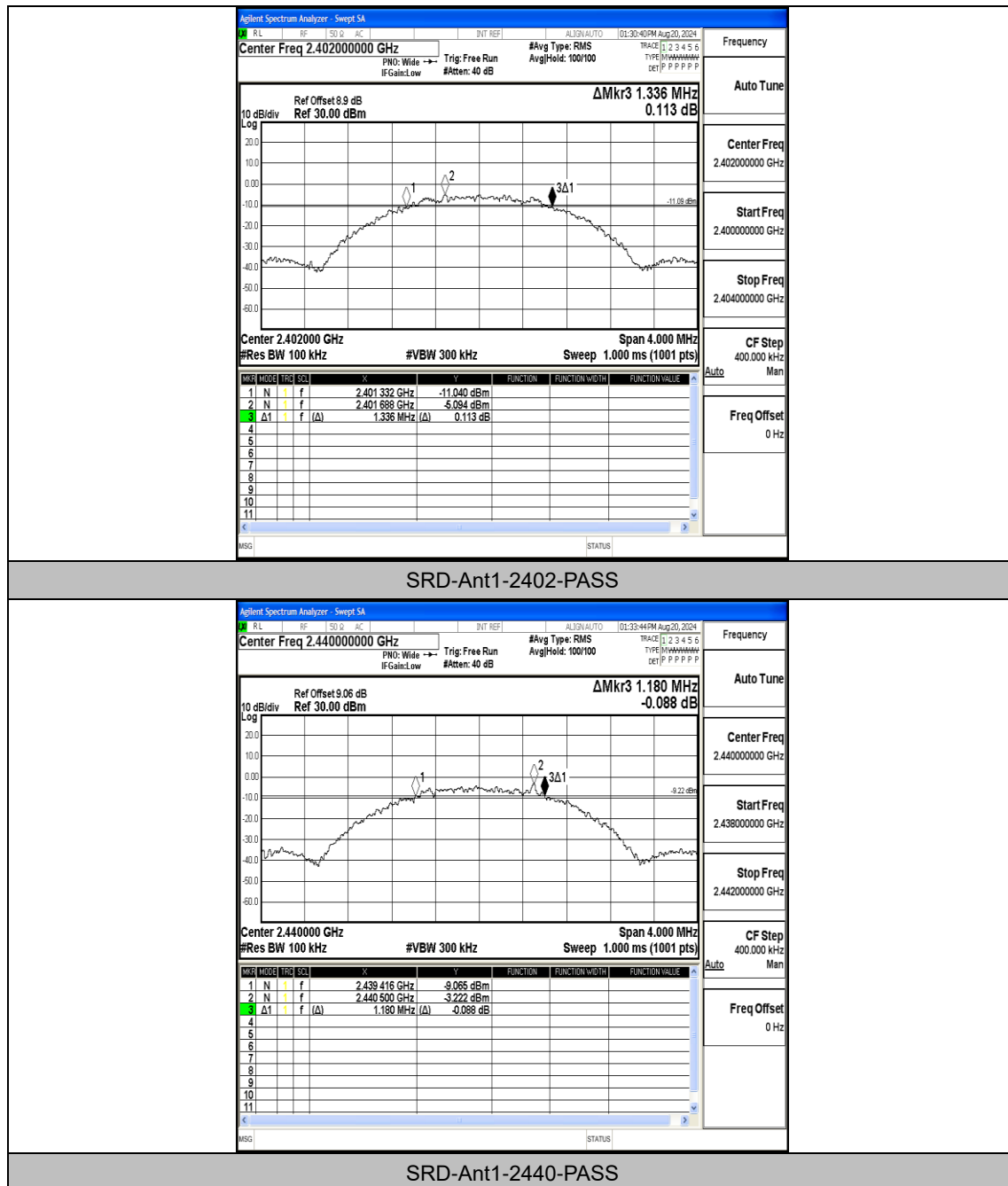
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

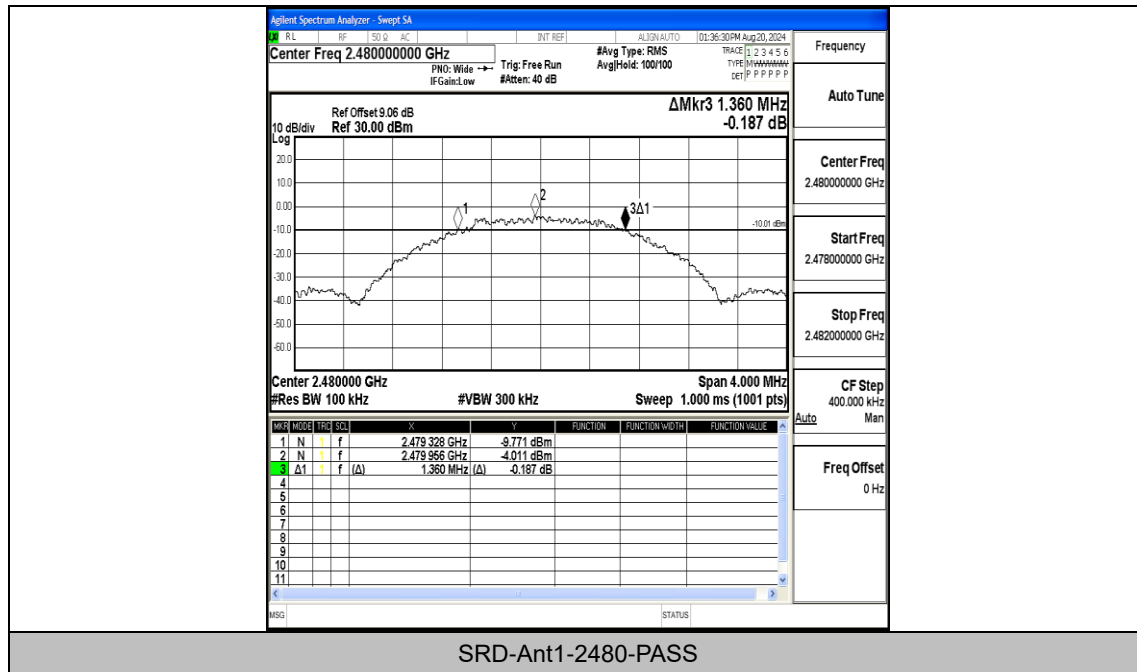
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.336	2401.332	2402.668	0.5	PASS
SRD	Ant1	2440	1.180	2439.416	2440.596	0.5	PASS
SRD	Ant1	2480	1.360	2479.328	2480.688	0.5	PASS

Test Graphs



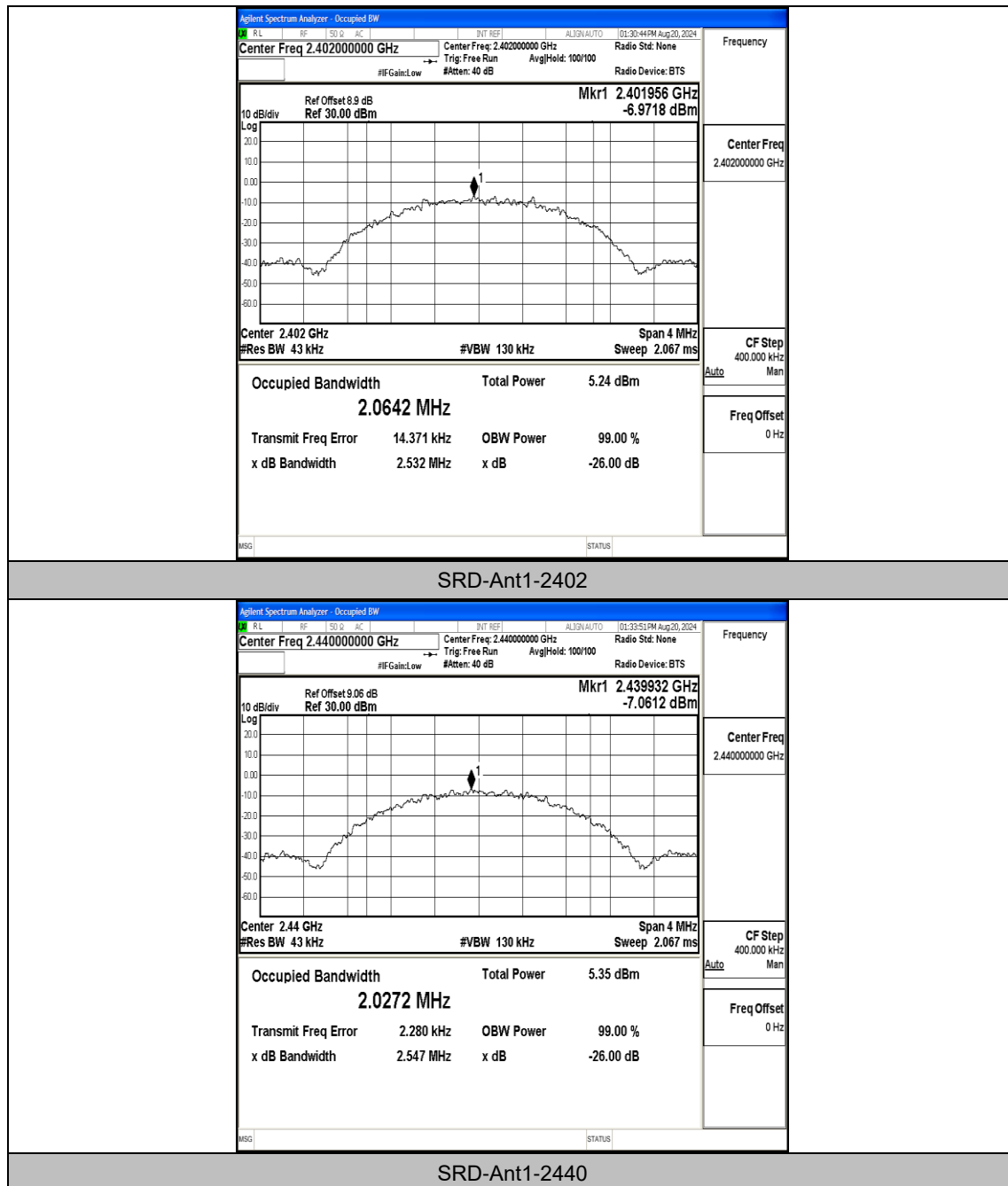


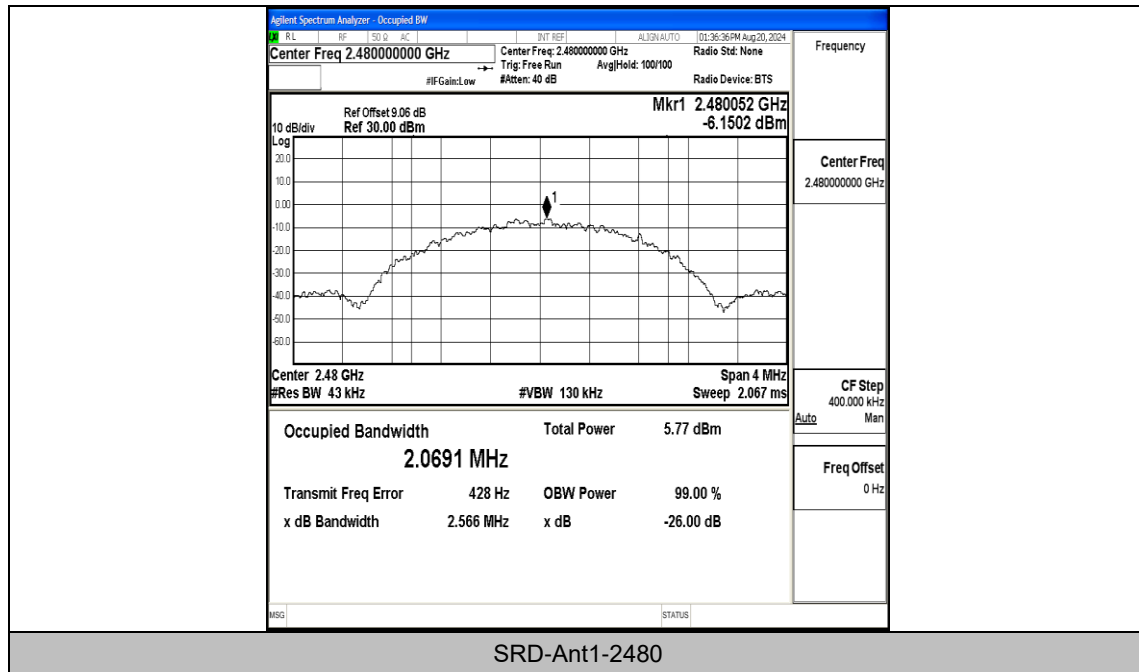
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	2.0642	2400.9823	2403.0465	---	---
SRD	Ant1	2440	2.0272	2438.9887	2441.0159	---	---
SRD	Ant1	2480	2.0691	2478.9659	2481.0350	---	---

Test Graphs



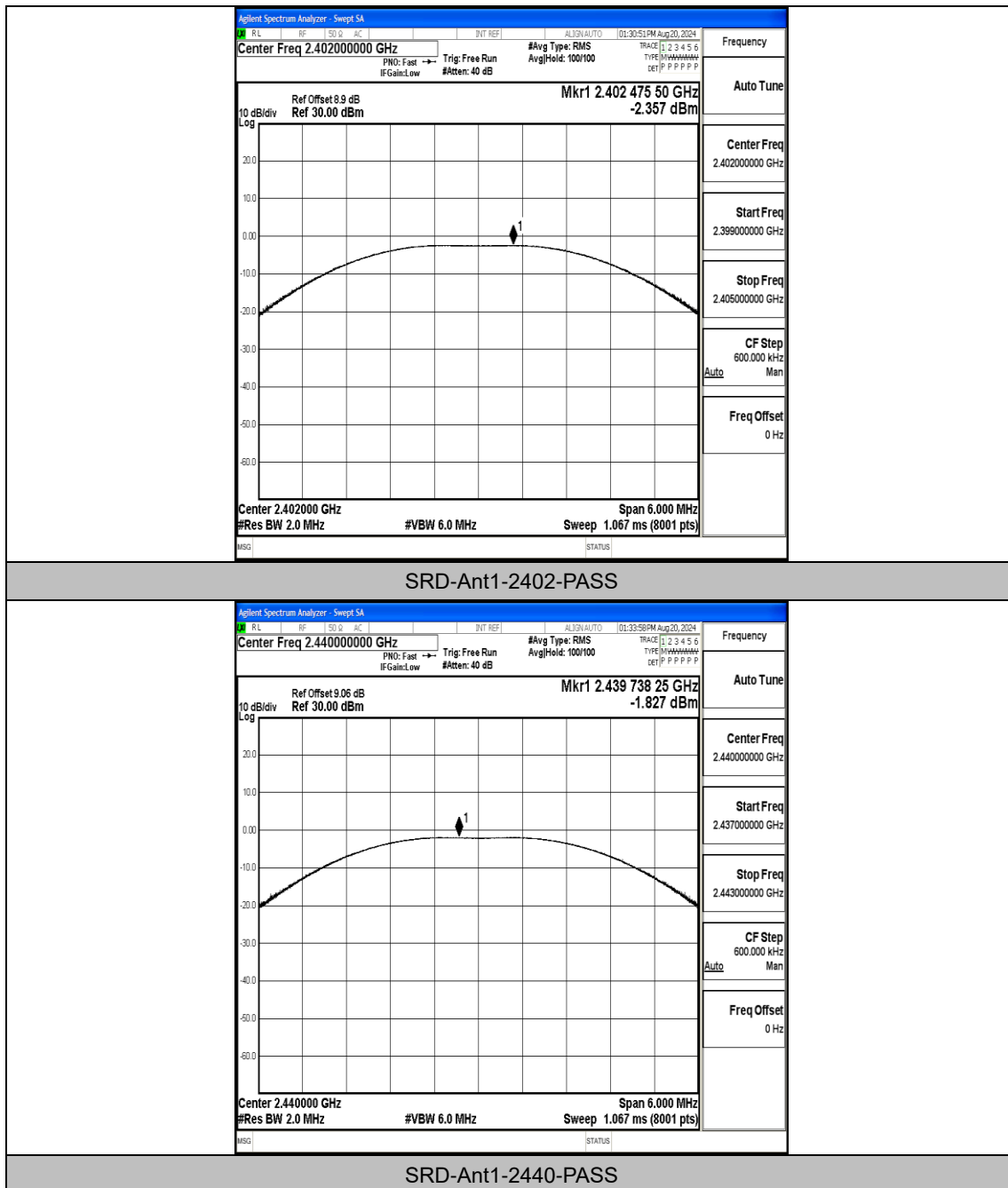


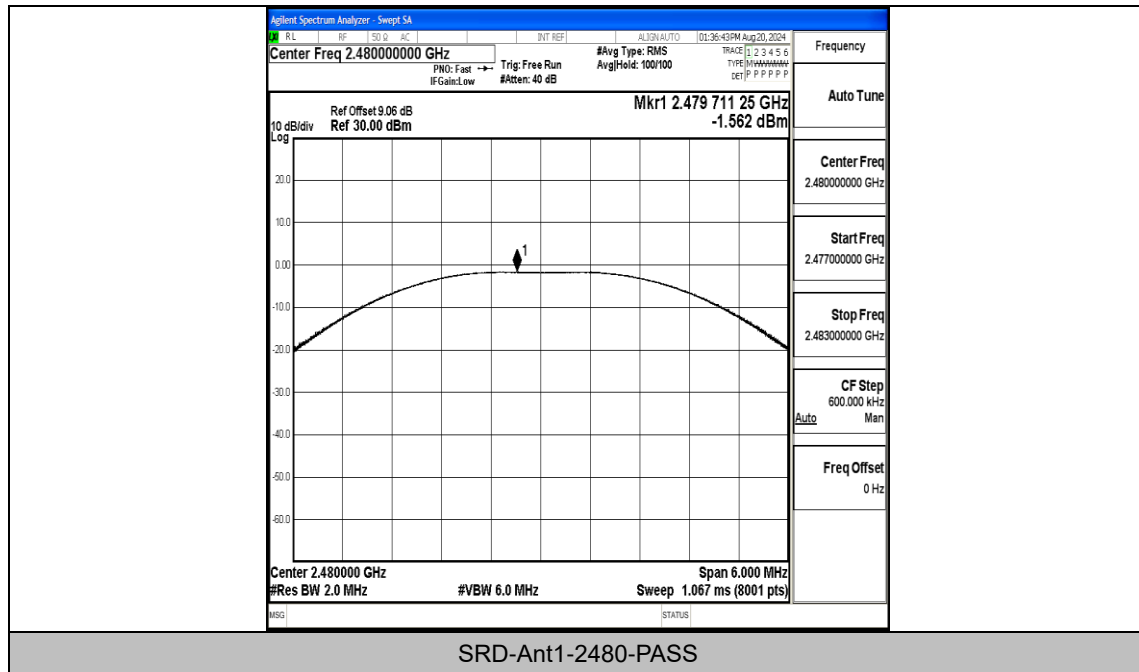
Appendix C: Maximum peak conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2402	-2.36	≤30	PASS
SRD	Ant1	2440	-1.83	≤30	PASS
SRD	Ant1	2480	-1.56	≤30	PASS

Test Graphs Peak



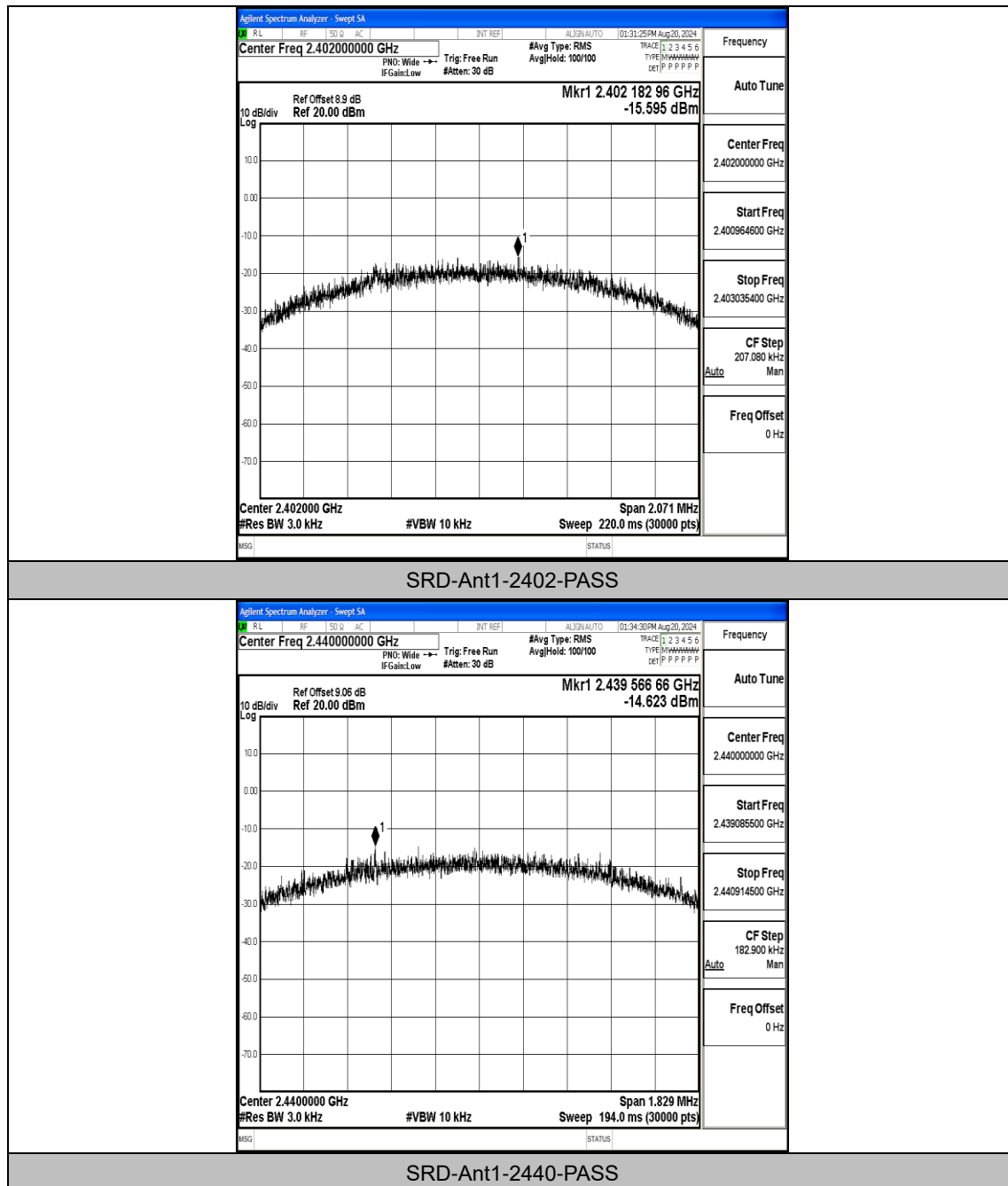


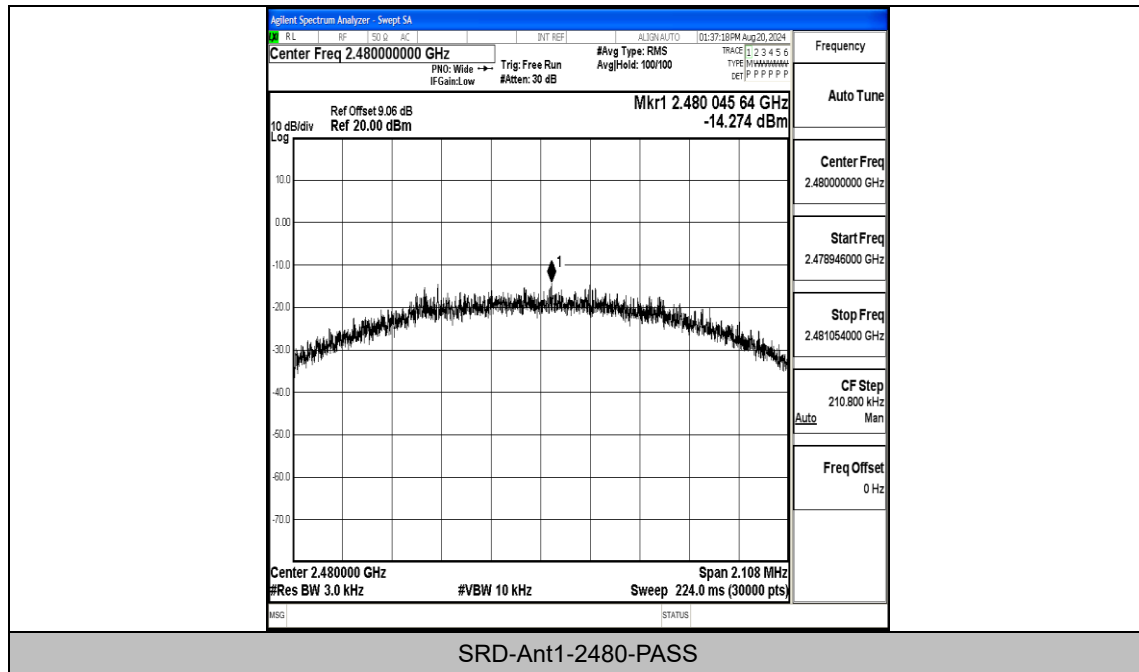
Appendix D: Maximum peak power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-15.60	≤8.00	PASS
SRD	Ant1	2440	-14.62	≤8.00	PASS
SRD	Ant1	2480	-14.27	≤8.00	PASS

Test Graphs



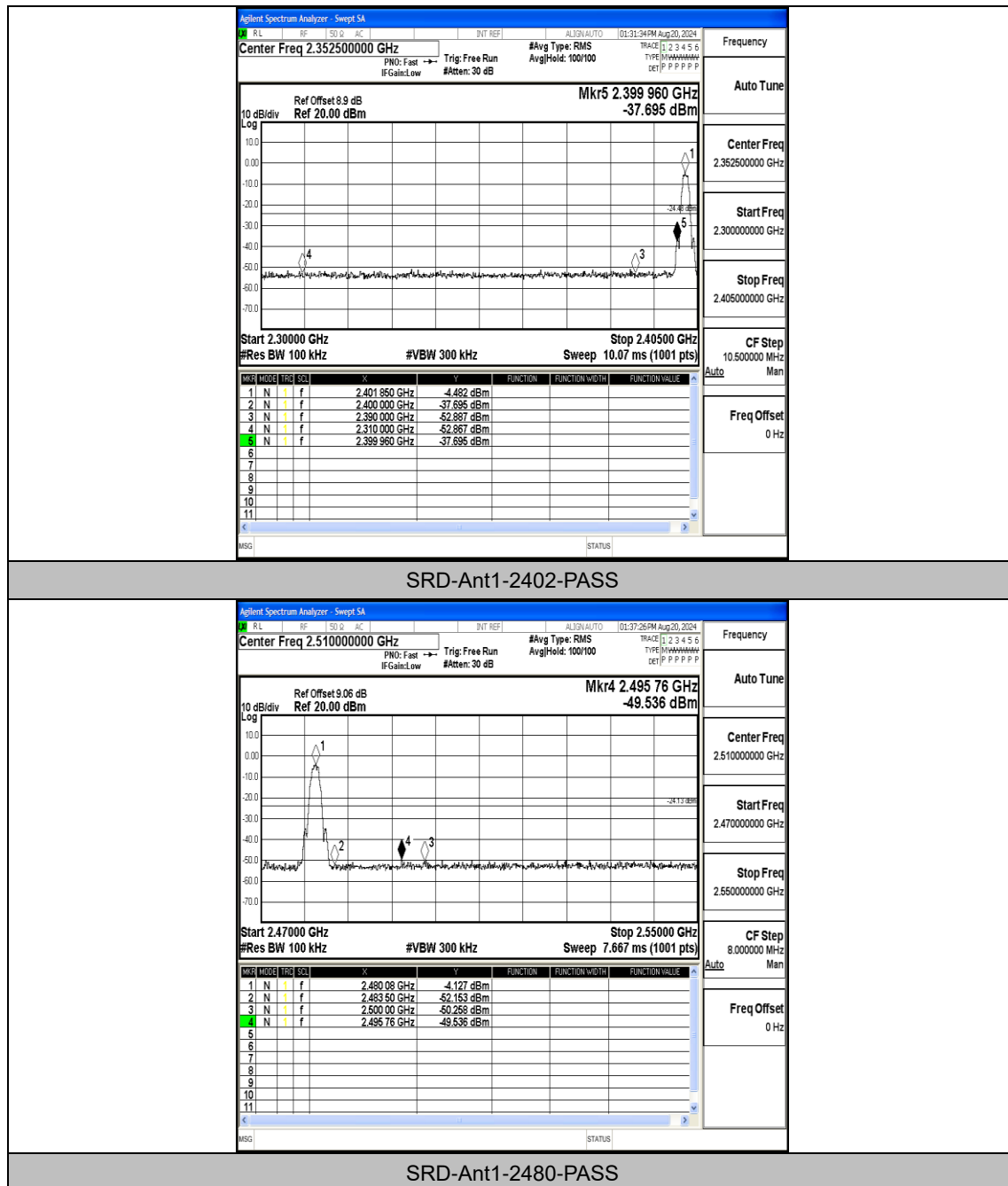


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-4.48	-37.7	≤-24.48	PASS
SRD	Ant1	High	2480	-4.13	-49.54	≤-24.13	PASS

Test Graphs

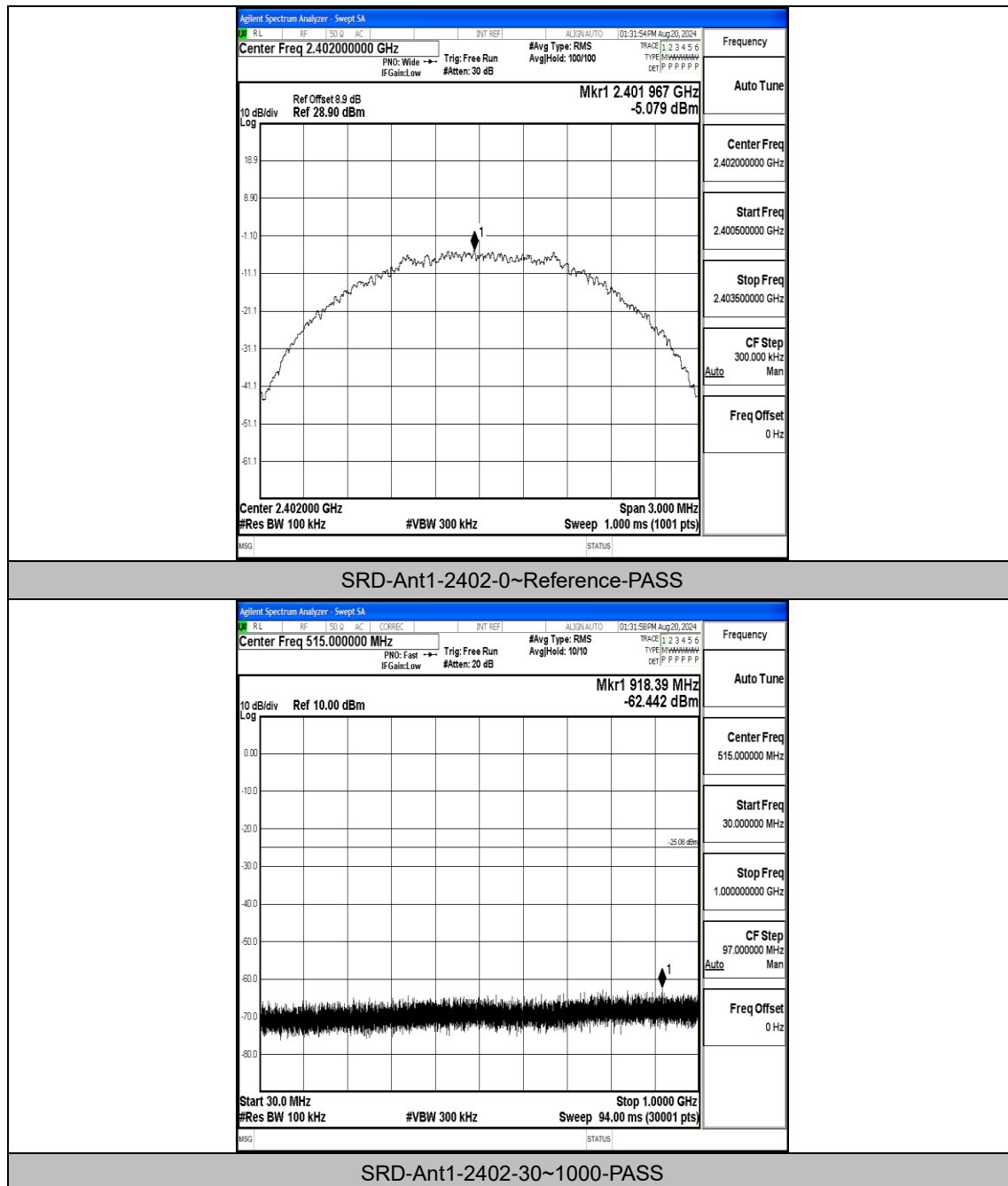


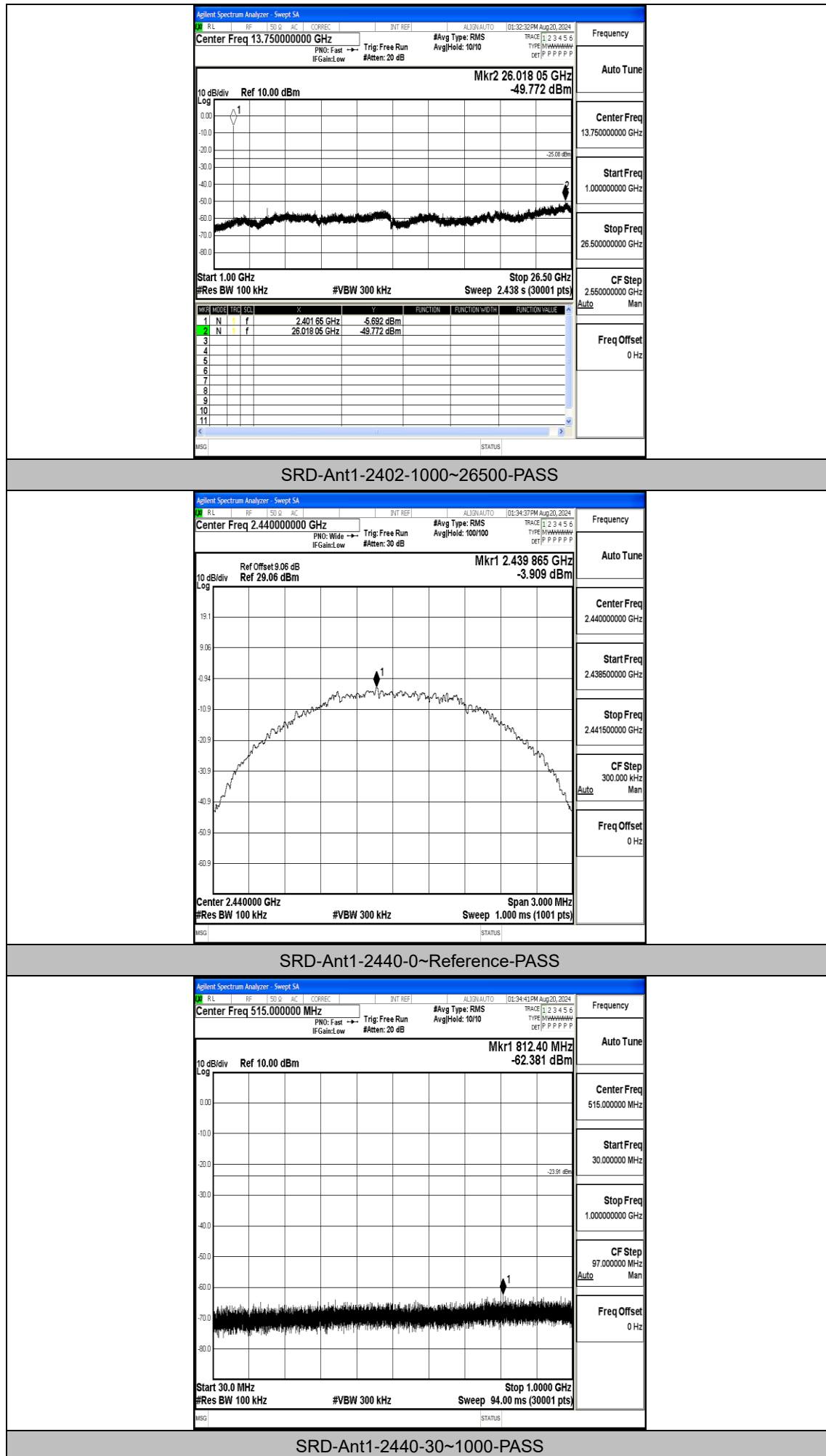
Appendix F: Conducted Spurious Emission

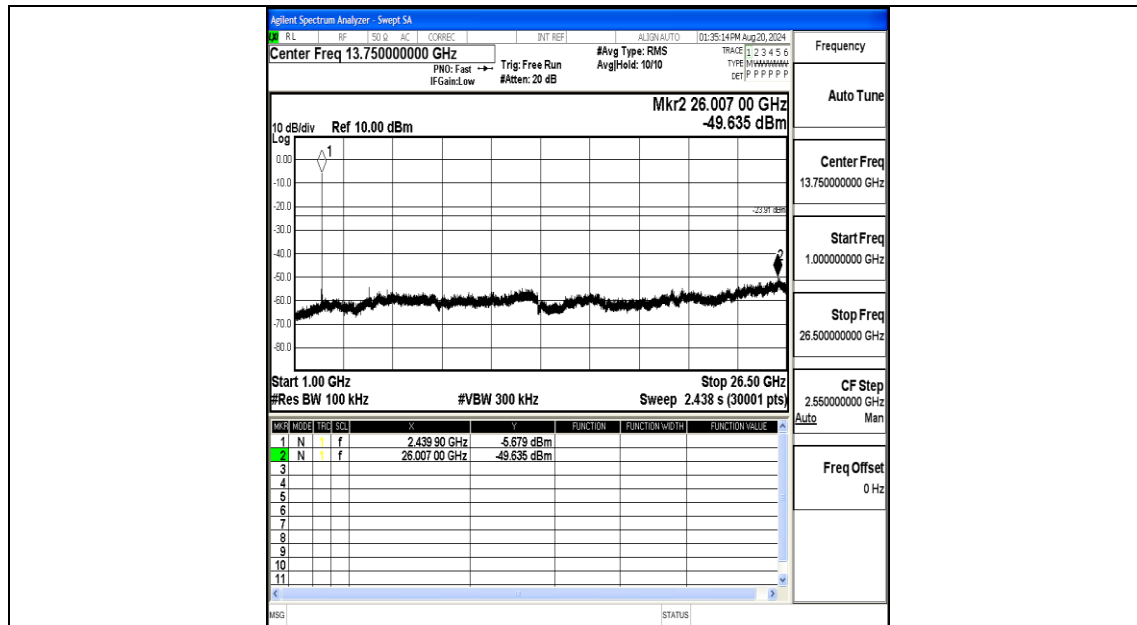
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	0~Reference	-5.08	-5.08	---	PASS
SRD	Ant1	2402	30~1000	-5.08	-62.44	≤-25.08	PASS
SRD	Ant1	2402	1000~26500	-5.08	-49.77	≤-25.08	PASS
SRD	Ant1	2440	0~Reference	-3.91	-3.91	---	PASS
SRD	Ant1	2440	30~1000	-3.91	-62.38	≤-23.91	PASS
SRD	Ant1	2440	1000~26500	-3.91	-49.64	≤-23.91	PASS
SRD	Ant1	2480	0~Reference	-3.98	-3.98	---	PASS
SRD	Ant1	2480	30~1000	-3.98	-62.76	≤-23.98	PASS
SRD	Ant1	2480	1000~26500	-3.98	-49.73	≤-23.98	PASS

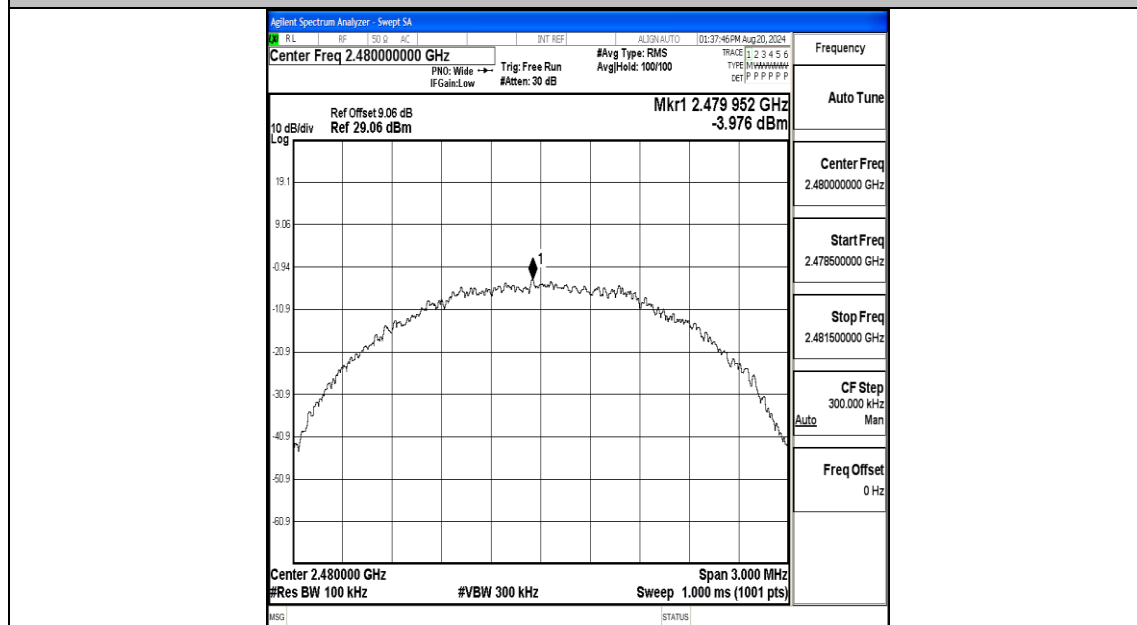
Test Graphs



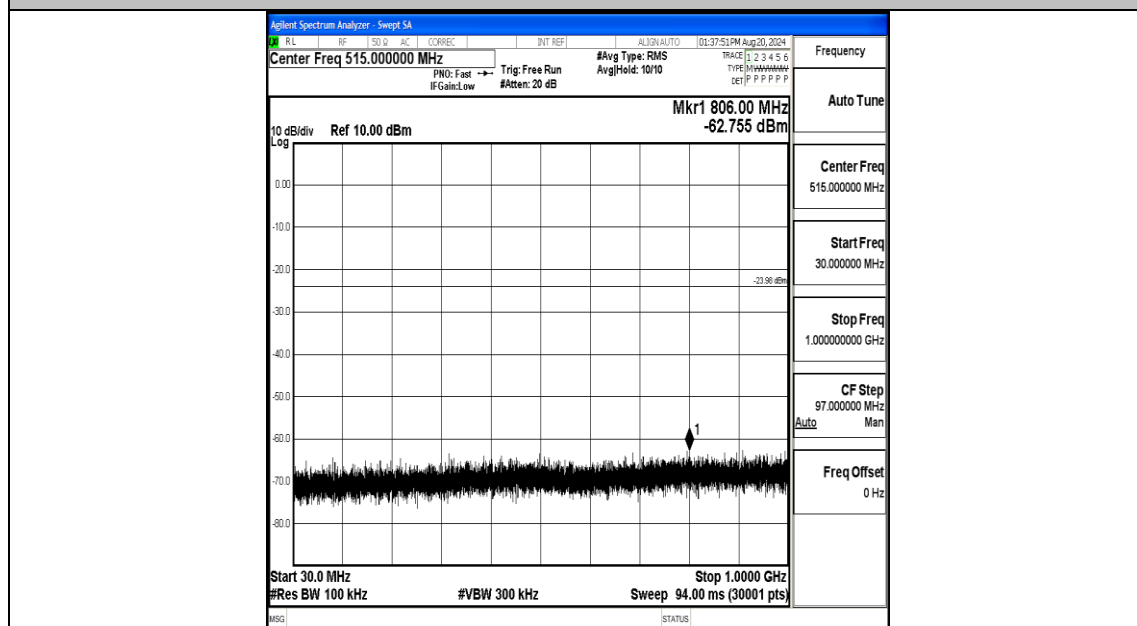




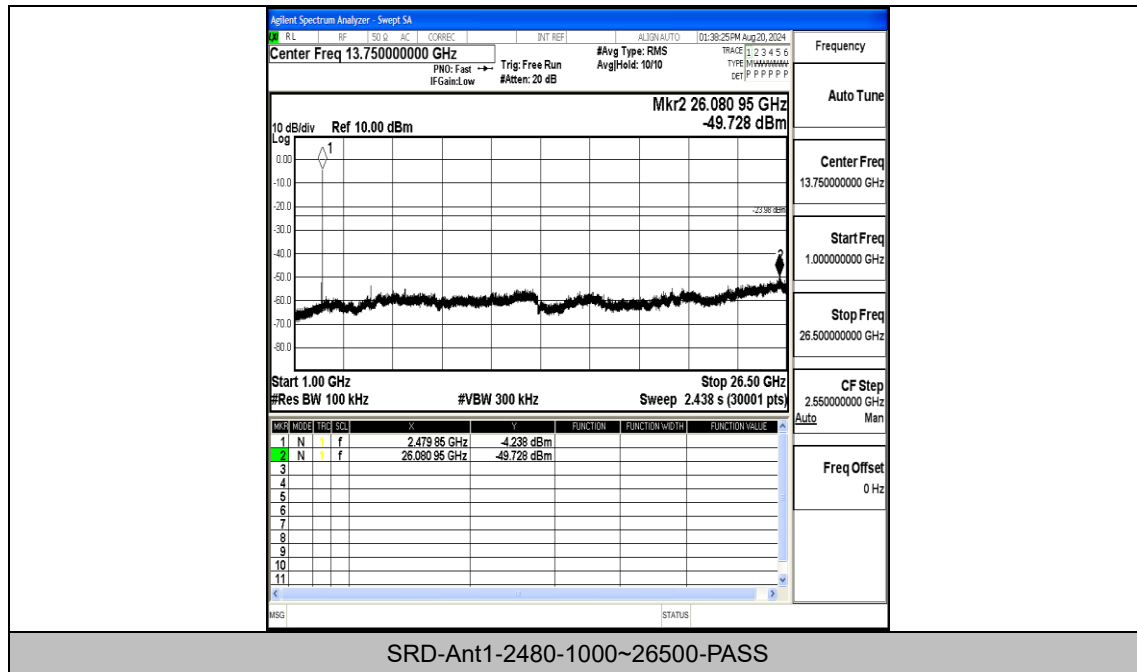
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2480-0~Reference-PASS



SRD-Ant1-2480-30~1000-PASS



Appendix G: Duty Cycle

Test Result

TestMode	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

