

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Mouse

Trade Mark: Lemokey, Keychron

Test Model: G1

FCC ID: 2BGKB-G1

Environmental Conditions

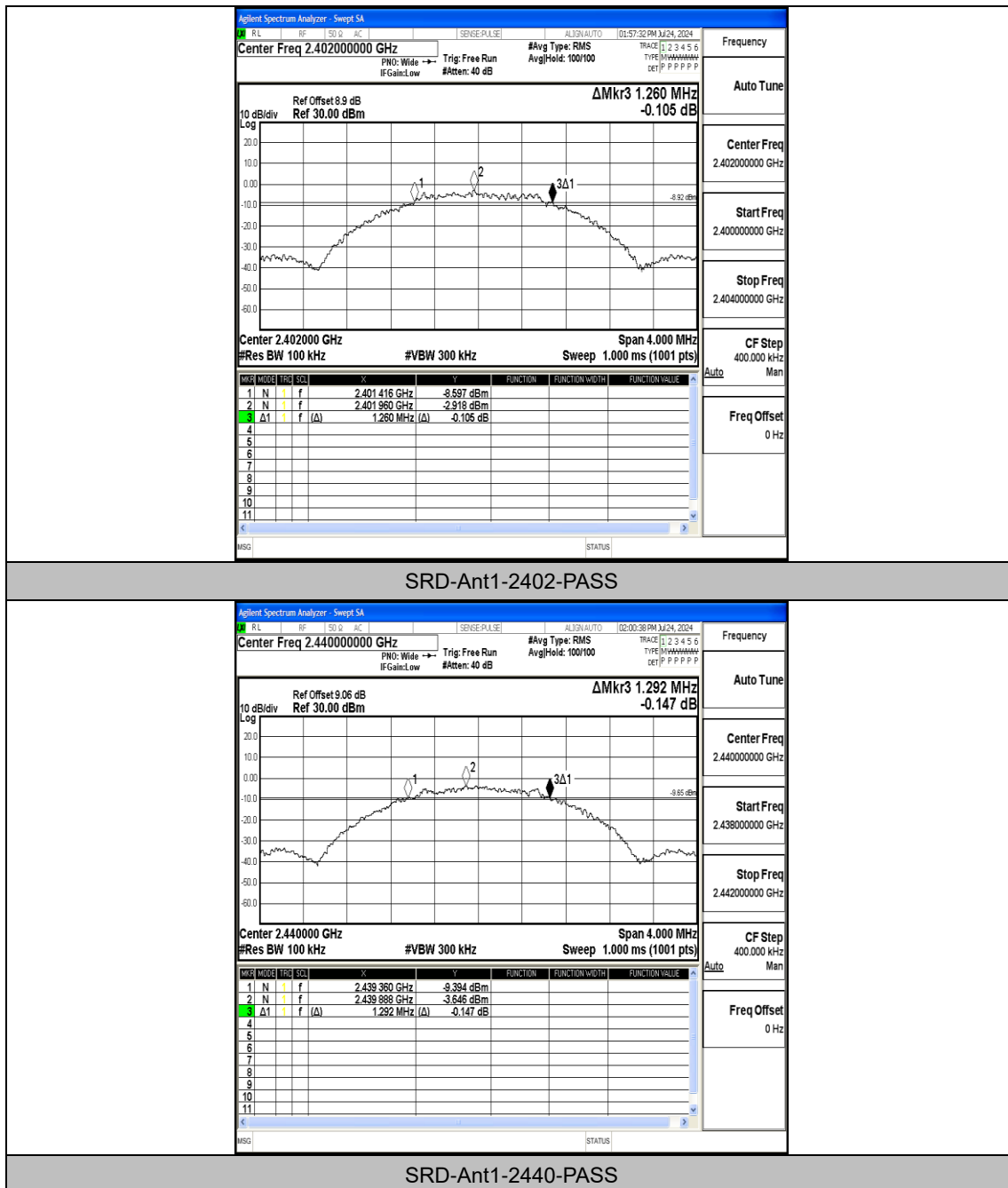
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

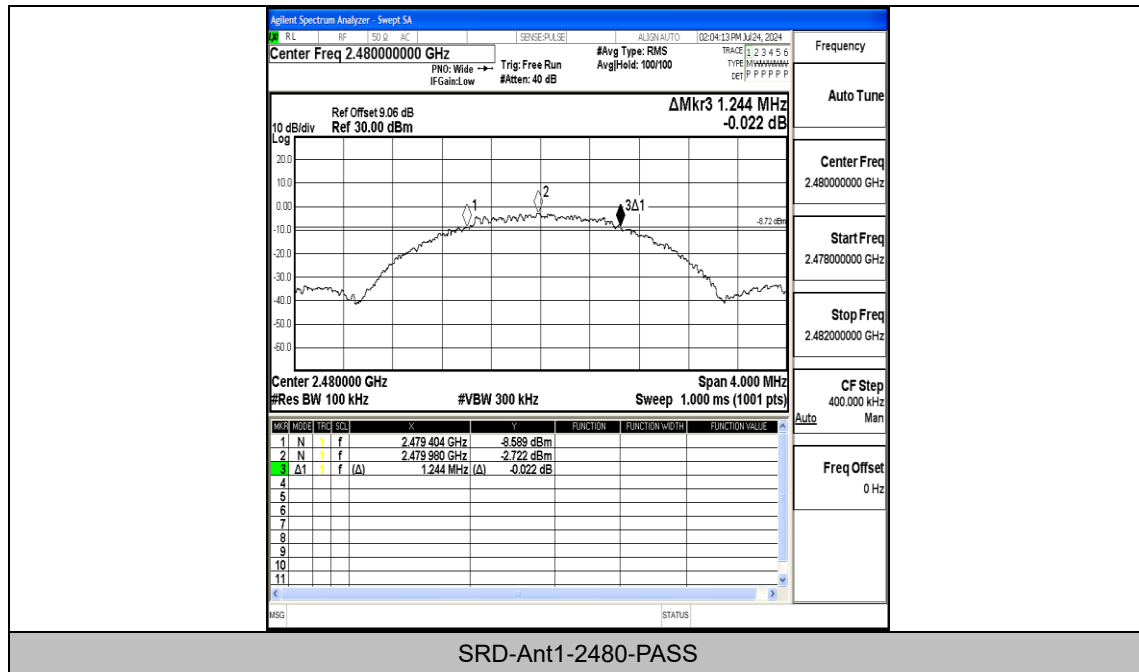
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.260	2401.416	2402.676	0.5	PASS
SRD	Ant1	2440	1.292	2439.360	2440.652	0.5	PASS
SRD	Ant1	2480	1.244	2479.404	2480.648	0.5	PASS

Test Graphs



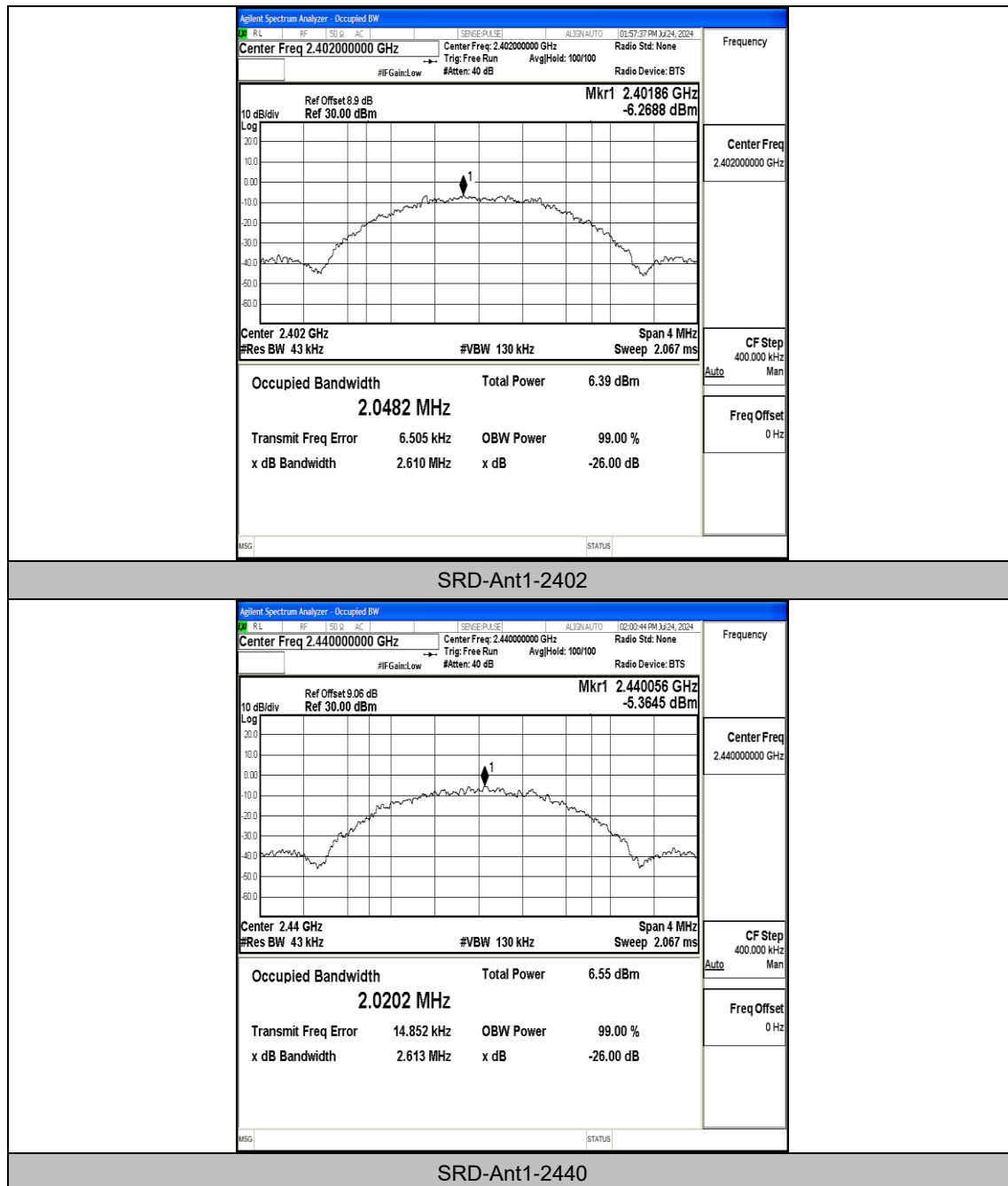


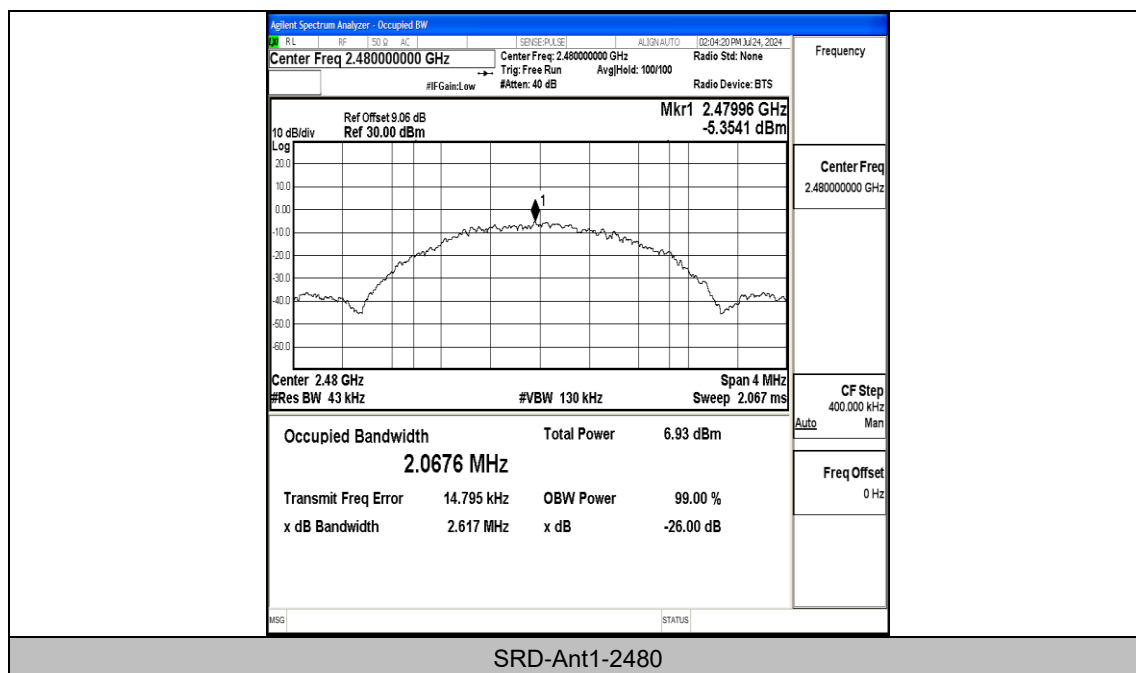
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	2.0482	2400.9824	2403.0306	---	---
SRD	Ant1	2440	2.0202	2439.0048	2441.0250	---	---
SRD	Ant1	2480	2.0676	2478.9810	2481.0486	---	---

Test Graphs



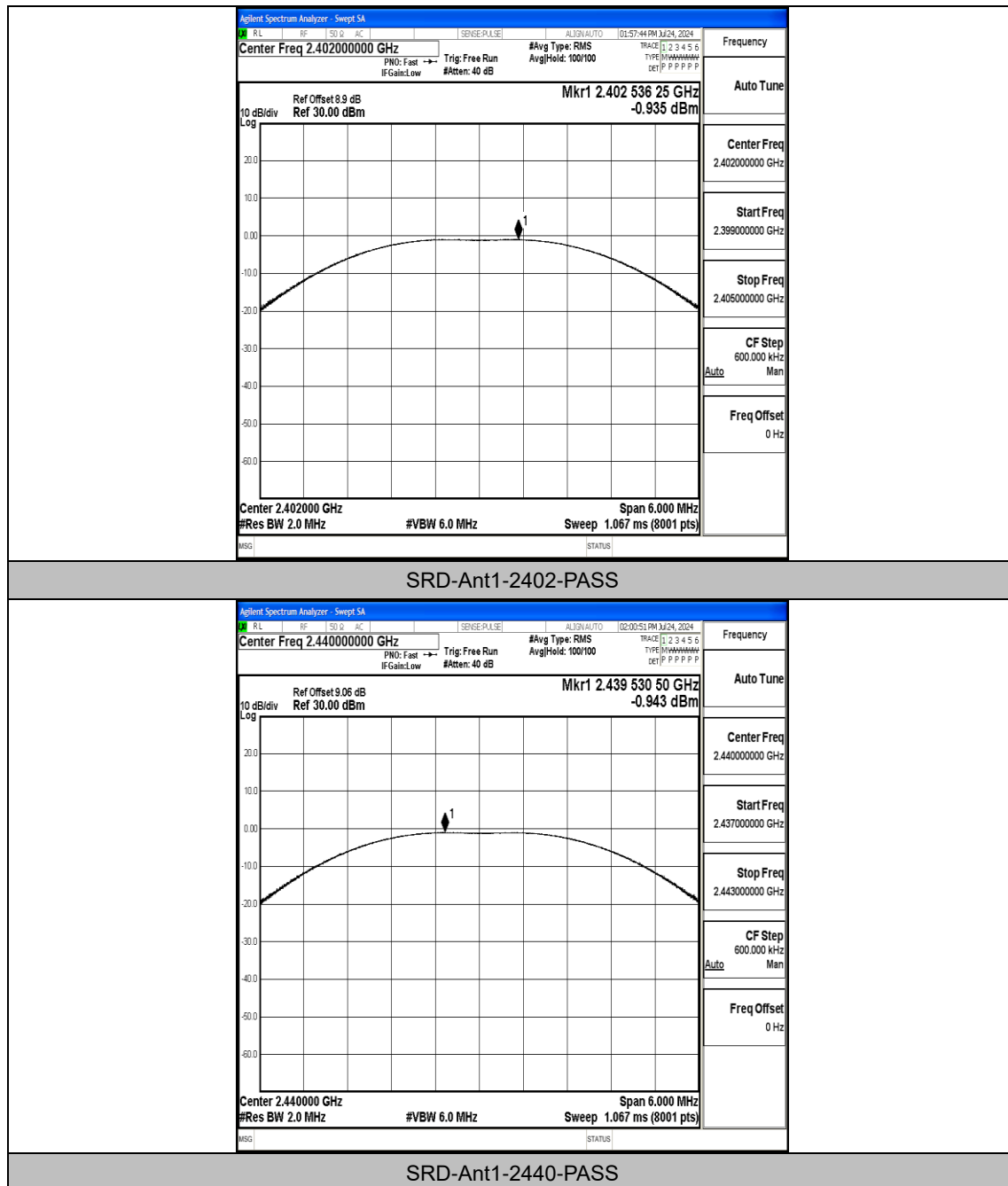


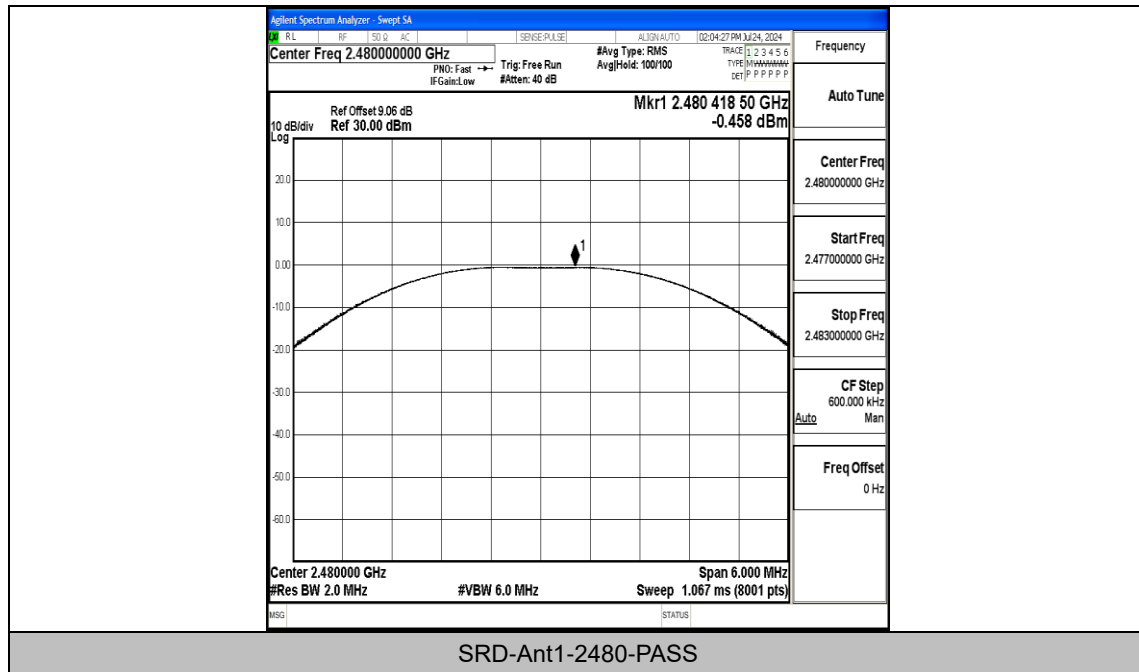
Appendix C: Maximum peak conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2402	-0.94	≤30	PASS
SRD	Ant1	2440	-0.94	≤30	PASS
SRD	Ant1	2480	-0.46	≤30	PASS

Test Graphs Peak



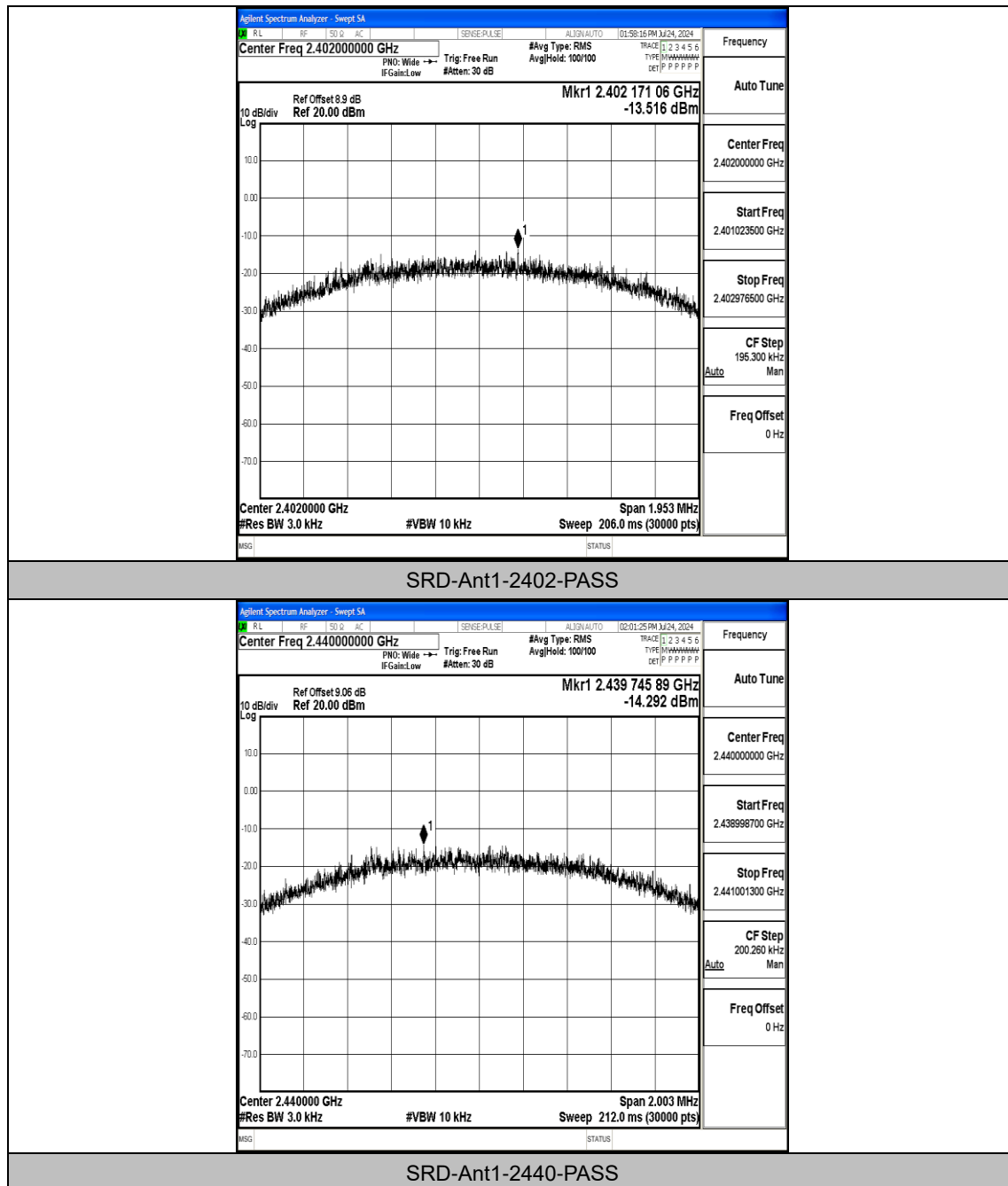


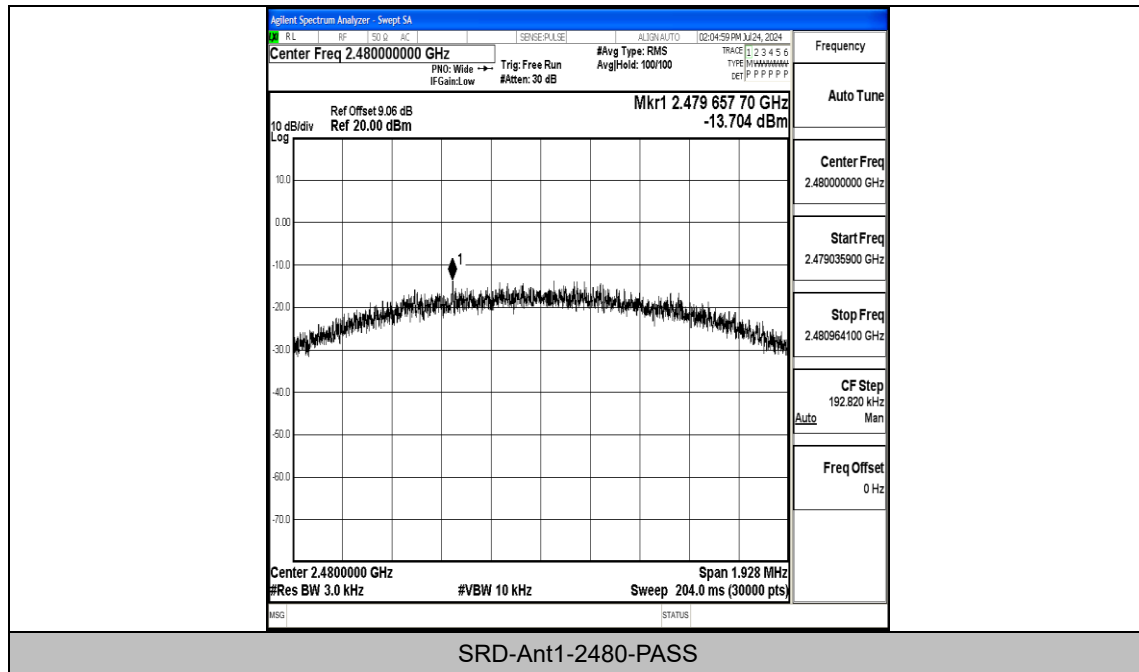
Appendix D: Maximum peak power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-13.52	≤8.00	PASS
SRD	Ant1	2440	-14.29	≤8.00	PASS
SRD	Ant1	2480	-13.70	≤8.00	PASS

Test Graphs



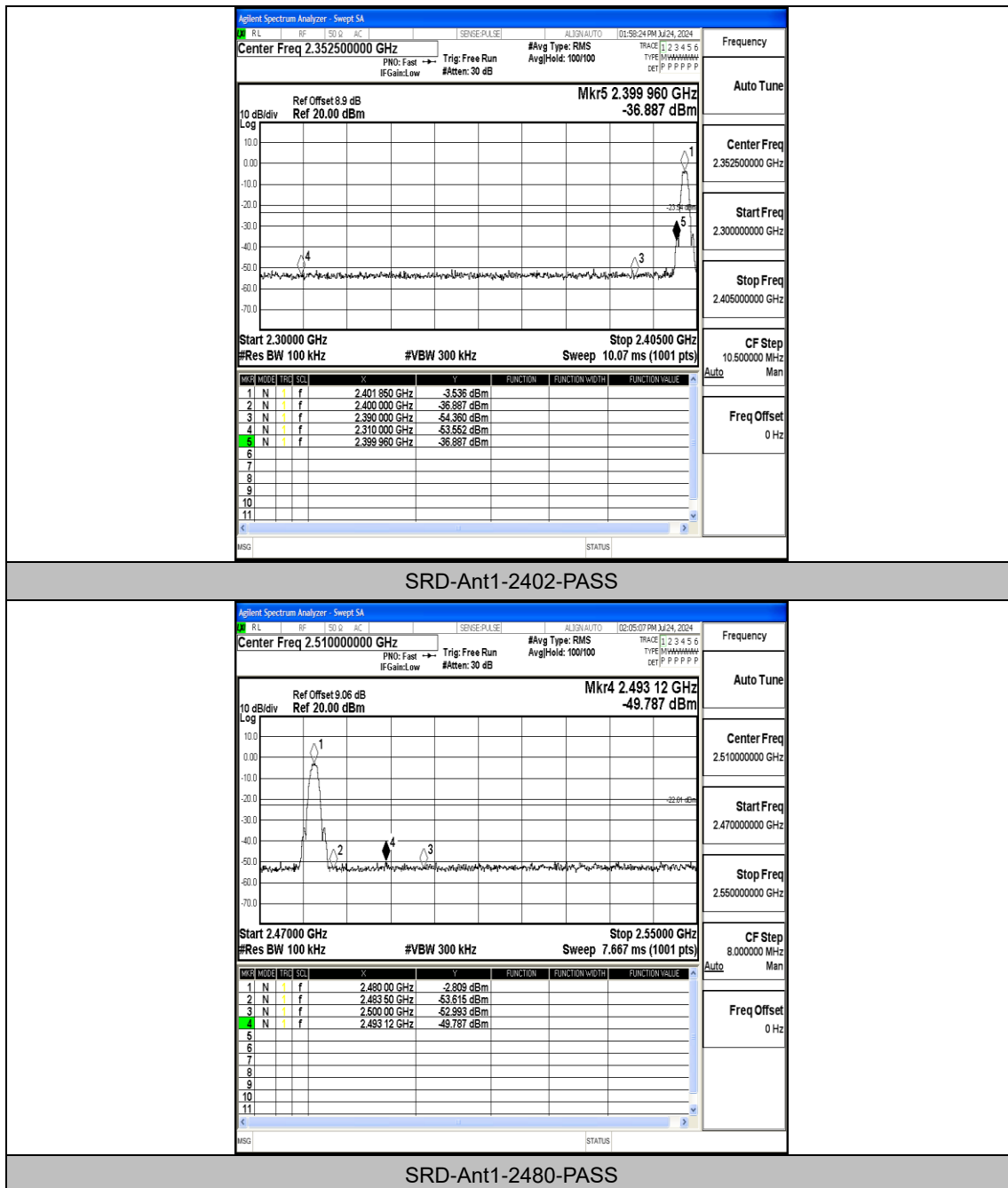


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-3.54	-36.89	≤-23.54	PASS
SRD	Ant1	High	2480	-2.81	-49.79	≤-22.81	PASS

Test Graphs

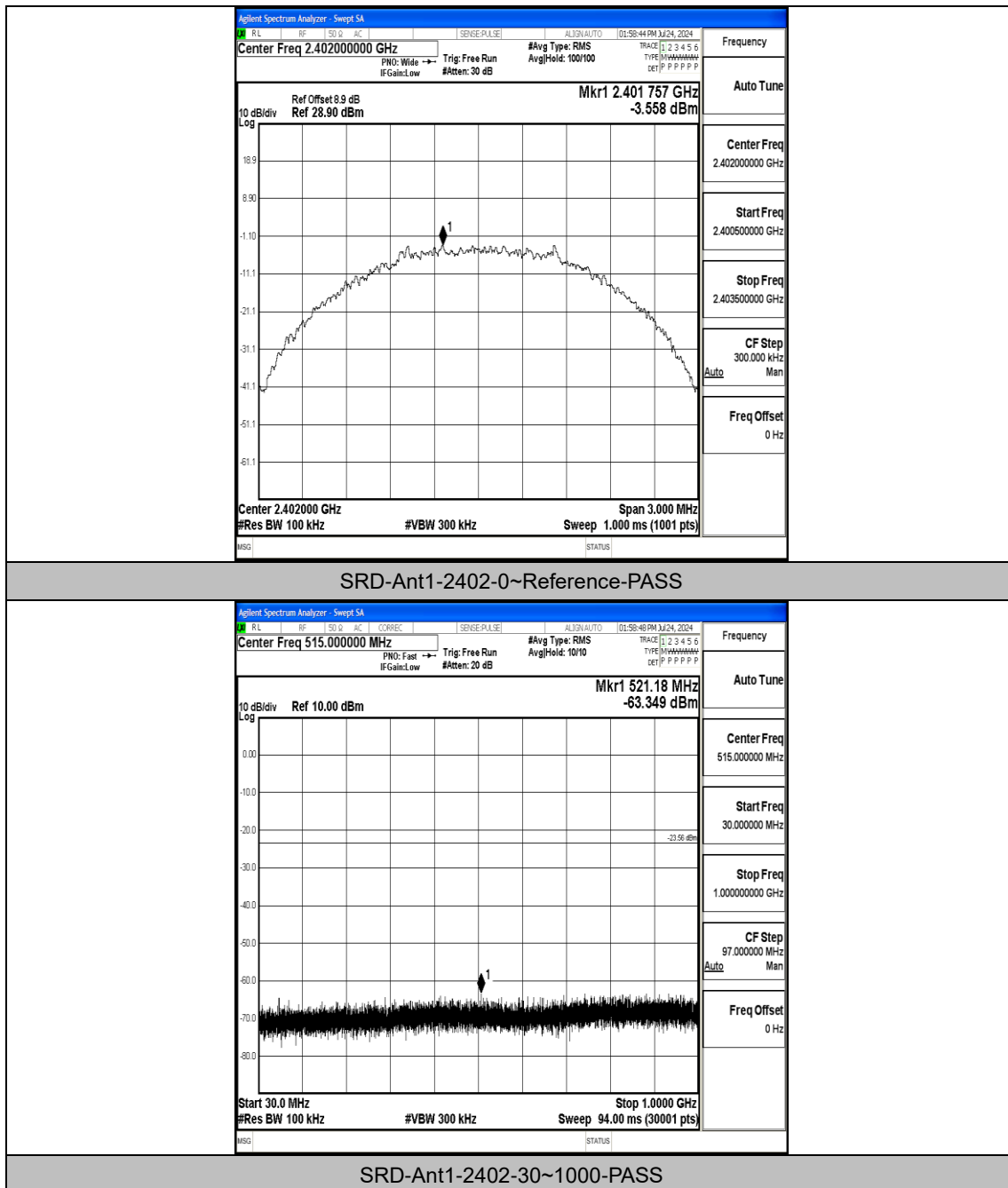


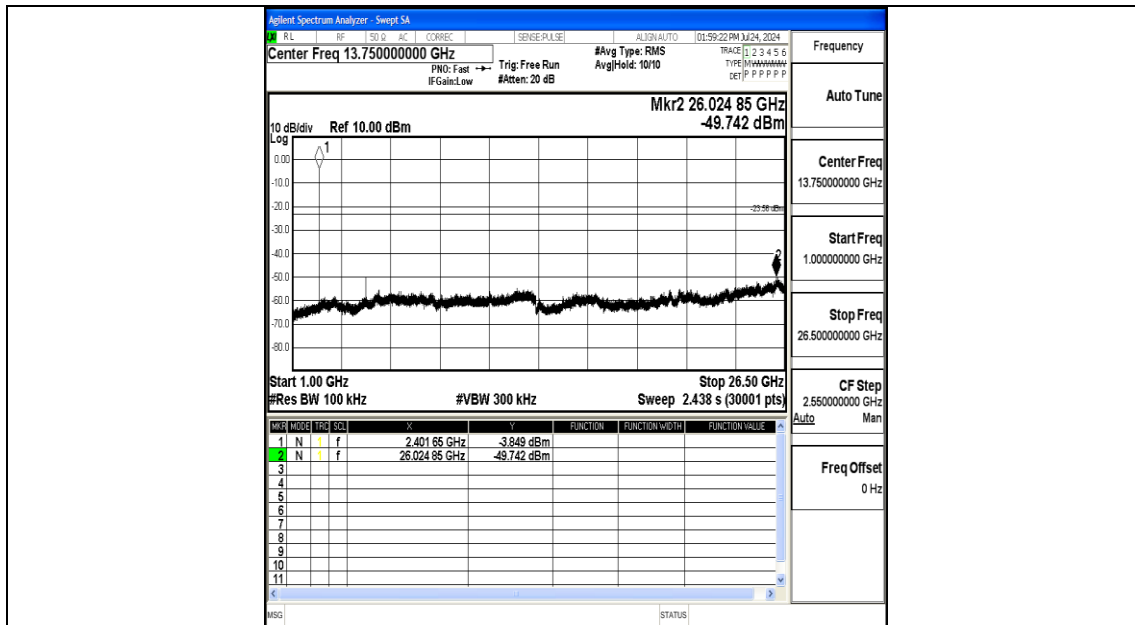
Appendix F: Conducted Spurious Emission

Test Result

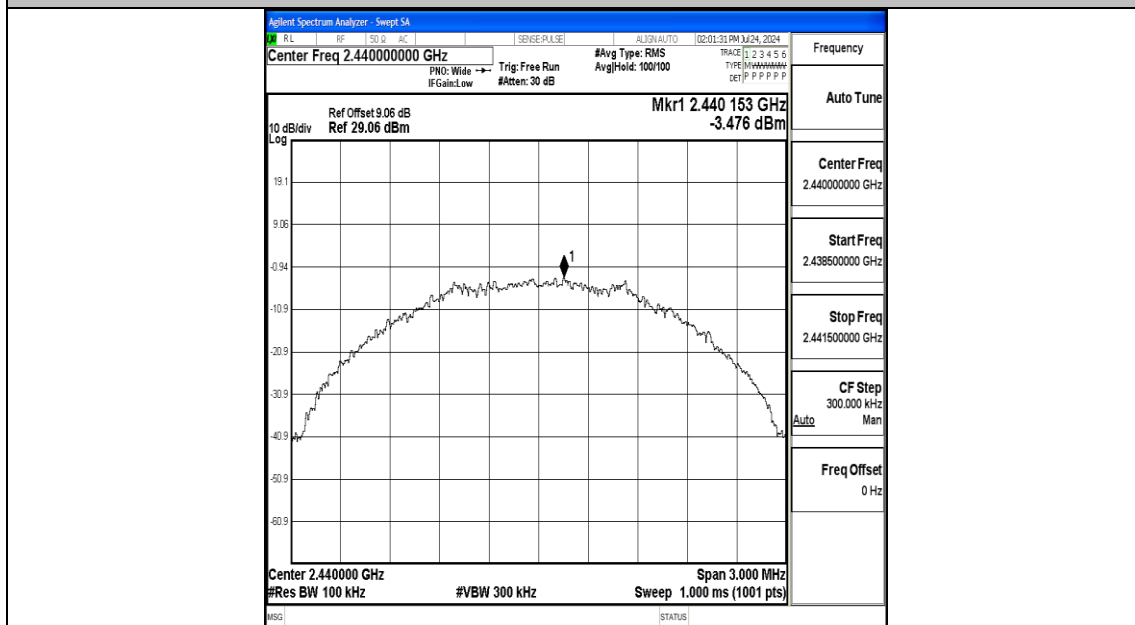
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	0~Reference	-3.56	-3.56	---	PASS
SRD	Ant1	2402	30~1000	-3.56	-63.35	≤-23.56	PASS
SRD	Ant1	2402	1000~26500	-3.56	-49.74	≤-23.56	PASS
SRD	Ant1	2440	0~Reference	-3.48	-3.48	---	PASS
SRD	Ant1	2440	30~1000	-3.48	-62.52	≤-23.48	PASS
SRD	Ant1	2440	1000~26500	-3.48	-49.56	≤-23.48	PASS
SRD	Ant1	2480	0~Reference	-2.19	-2.19	---	PASS
SRD	Ant1	2480	30~1000	-2.19	-62.9	≤-22.19	PASS
SRD	Ant1	2480	1000~26500	-2.19	-49.97	≤-22.19	PASS

Test Graphs

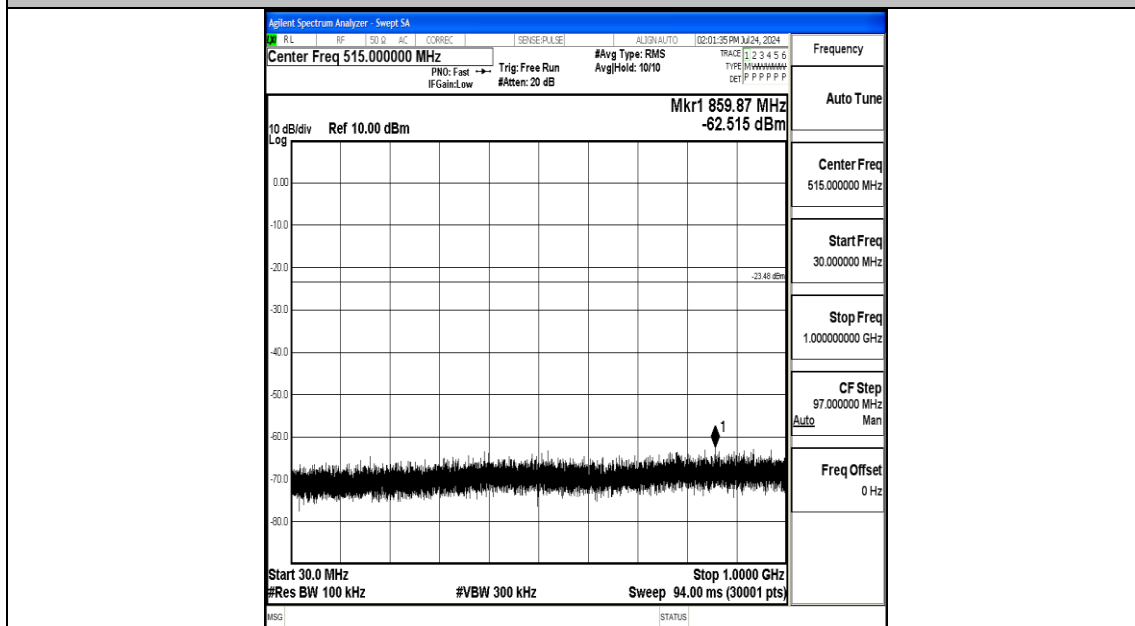




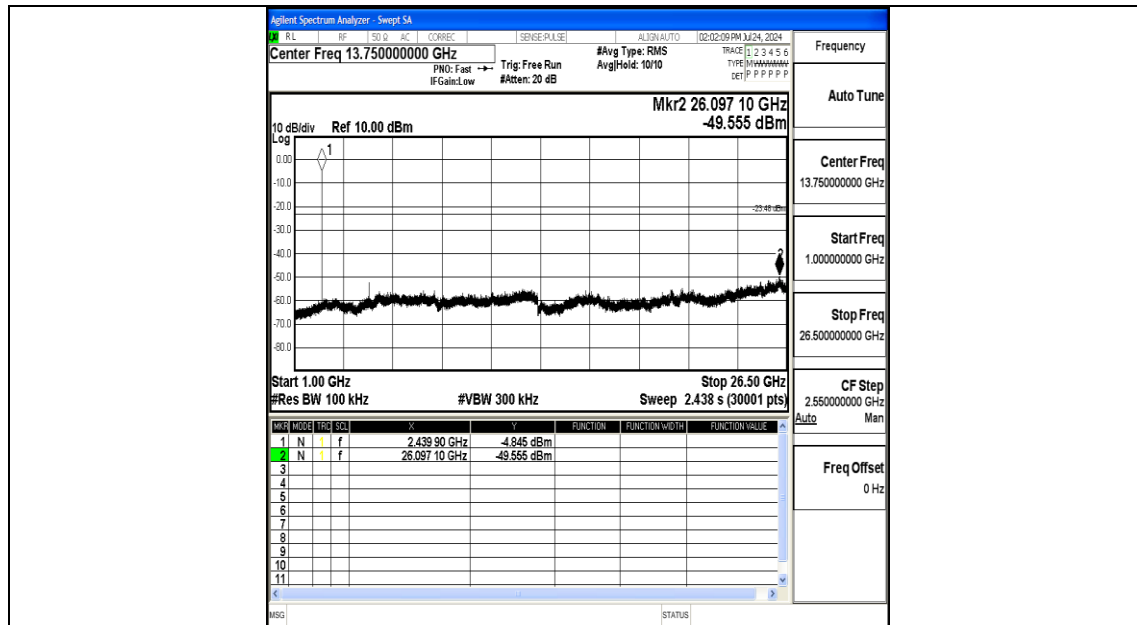
SRD-Ant1-2402-1000~26500-PASS



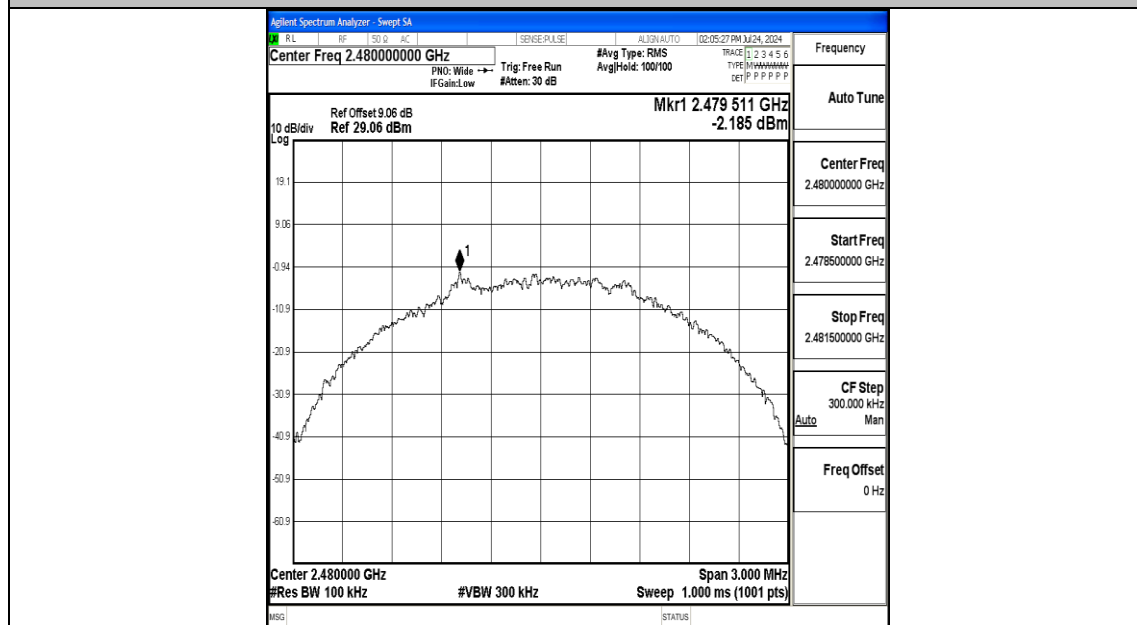
SRD-Ant1-2440-0~Reference-PASS



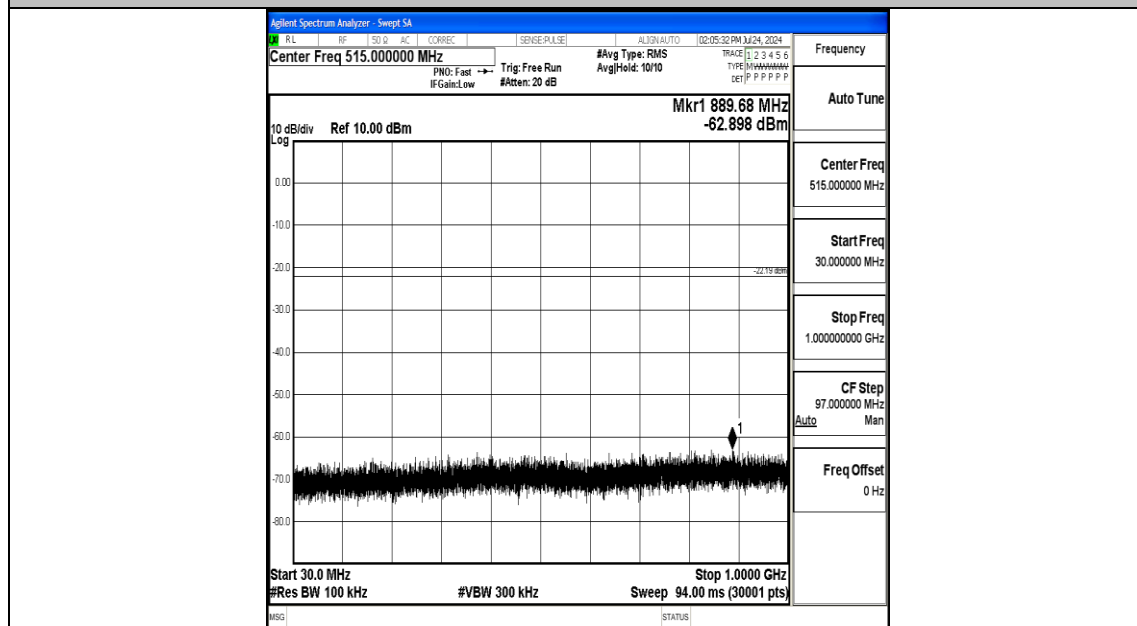
SRD-Ant1-2440-30~1000-PASS



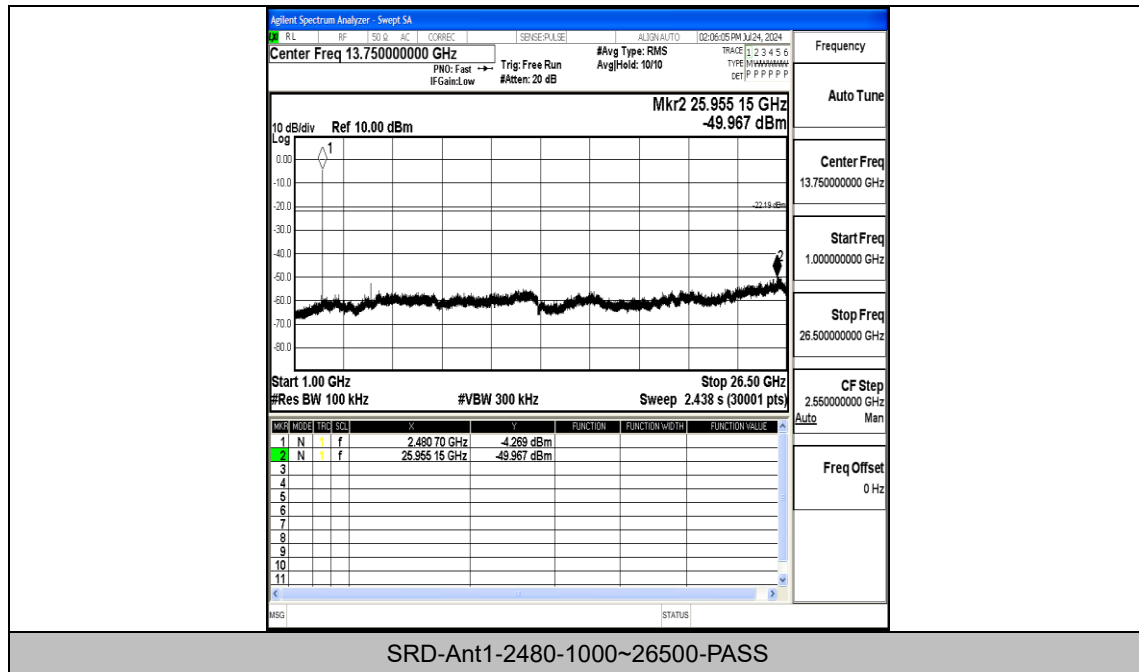
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2480-0~Reference-PASS



SRD-Ant1-2480-30~1000-PASS



Appendix G: Duty Cycle

Test Result

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

