

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Mouse

Trade Mark: Keychron

Test Model: M6

FCC ID: 2BGKB-M6

Environmental Conditions

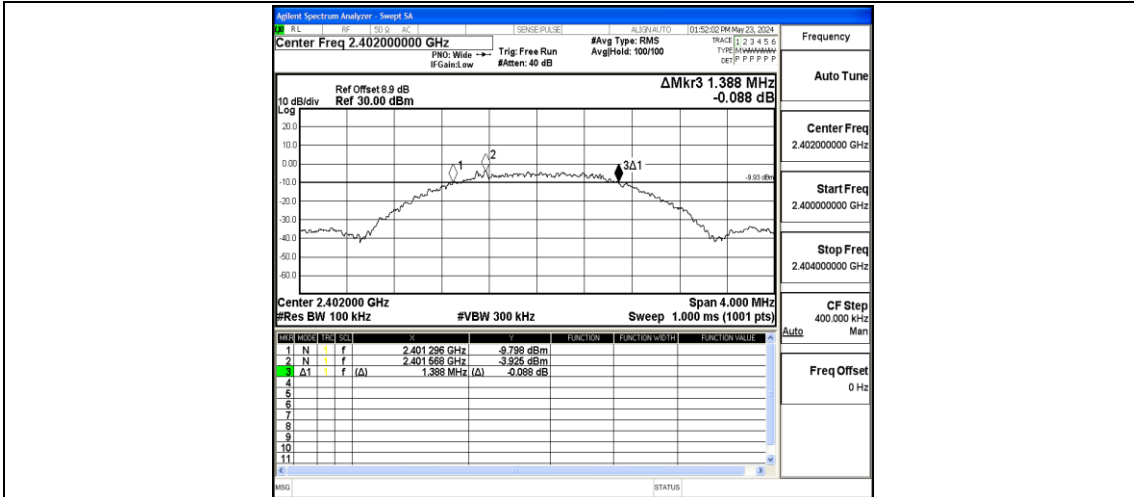
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

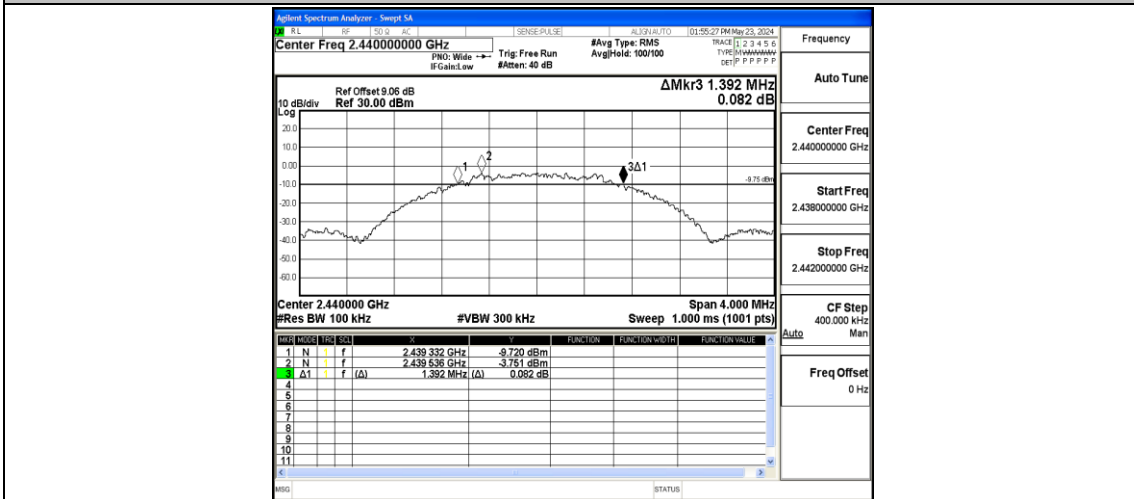
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.388	2401.296	2402.684	0.5	PASS
SRD	Ant1	2440	1.392	2439.332	2440.724	0.5	PASS
SRD	Ant1	2480	1.420	2479.292	2480.712	0.5	PASS

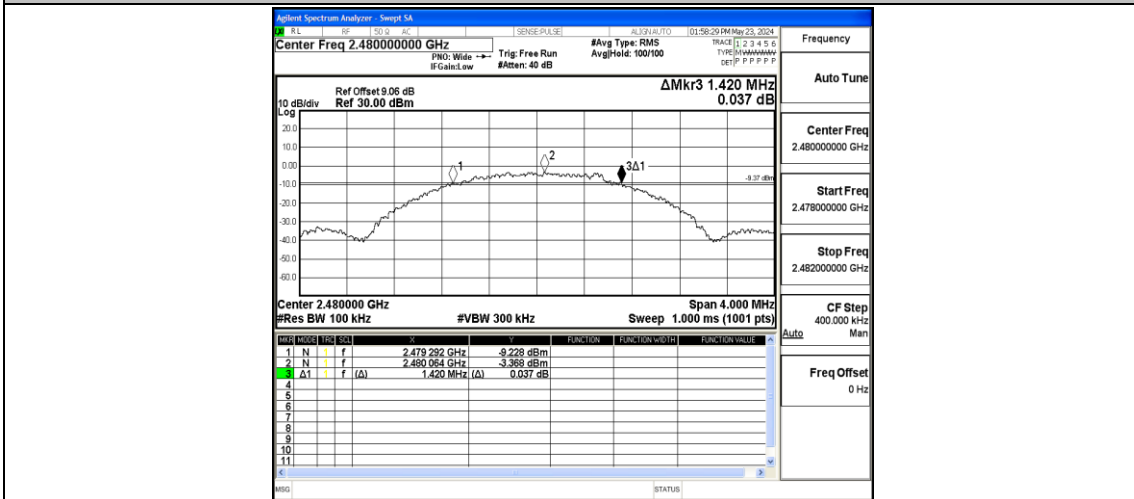
Test Graphs



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



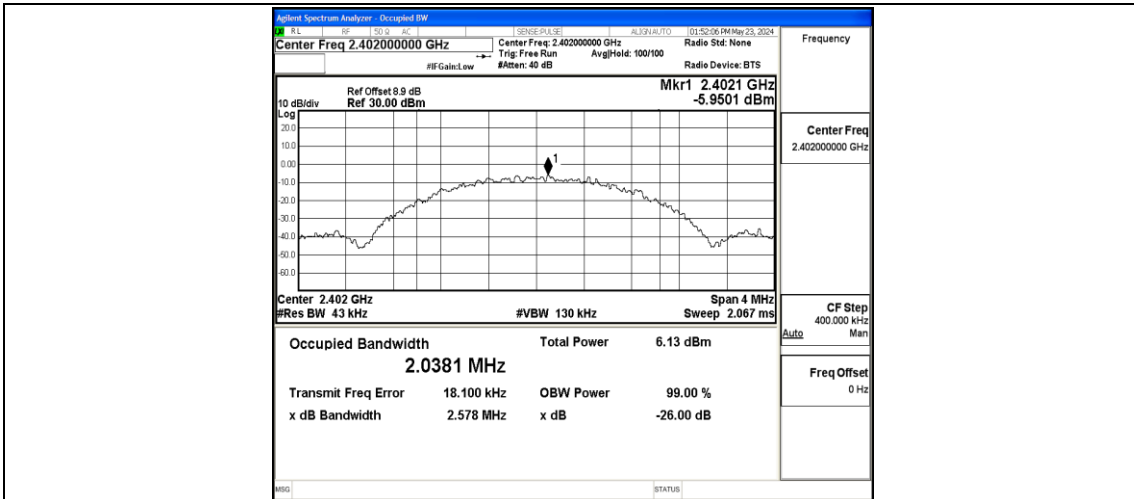
SRD-Ant1-2480-PASS

Appendix B: Occupied Channel Bandwidth

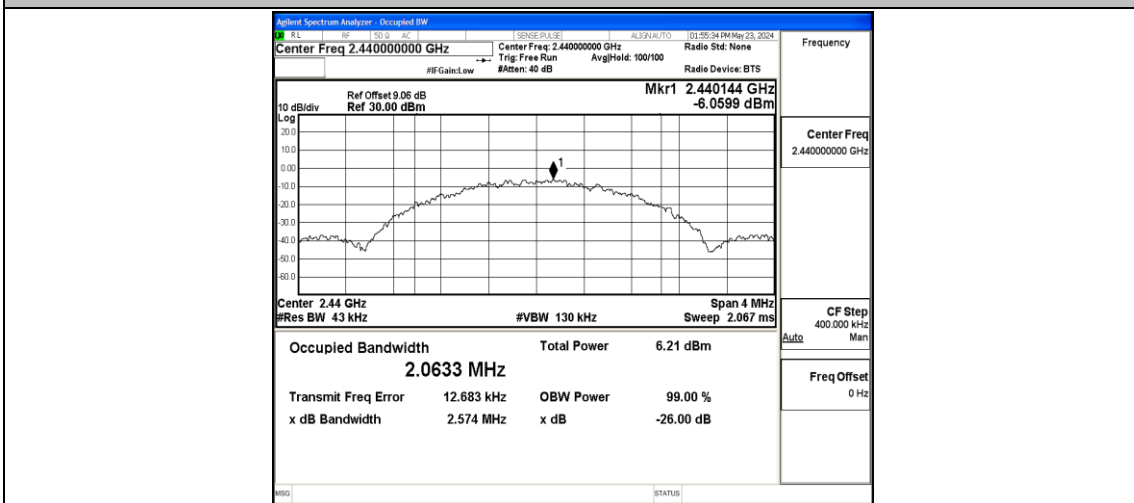
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	2.0381	2400.9991	2403.0372	---	---
SRD	Ant1	2440	2.0633	2438.9810	2441.0443	---	---
SRD	Ant1	2480	2.0681	2478.9625	2481.0306	---	---

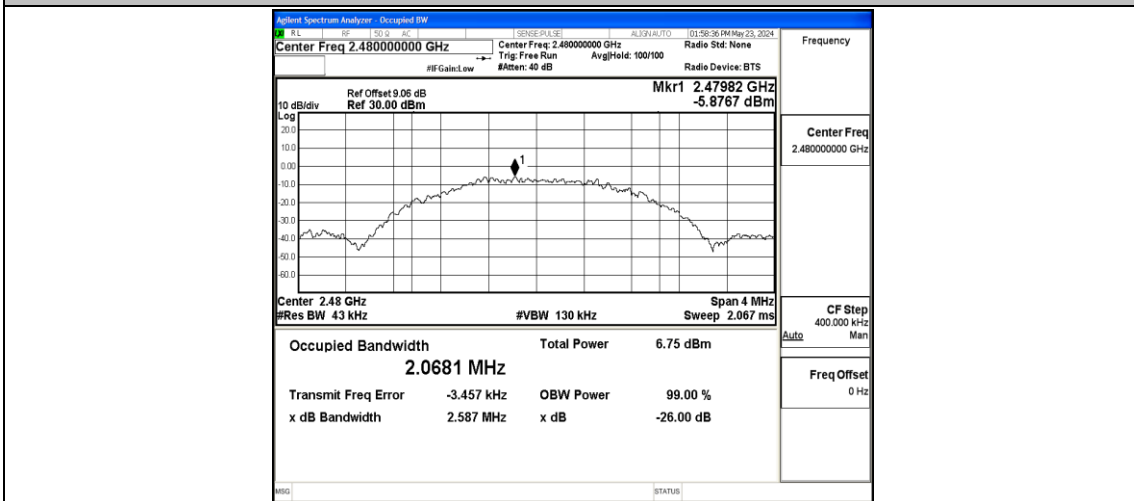
Test Graphs



SRD-Ant1-2402



SRD-Ant1-2440



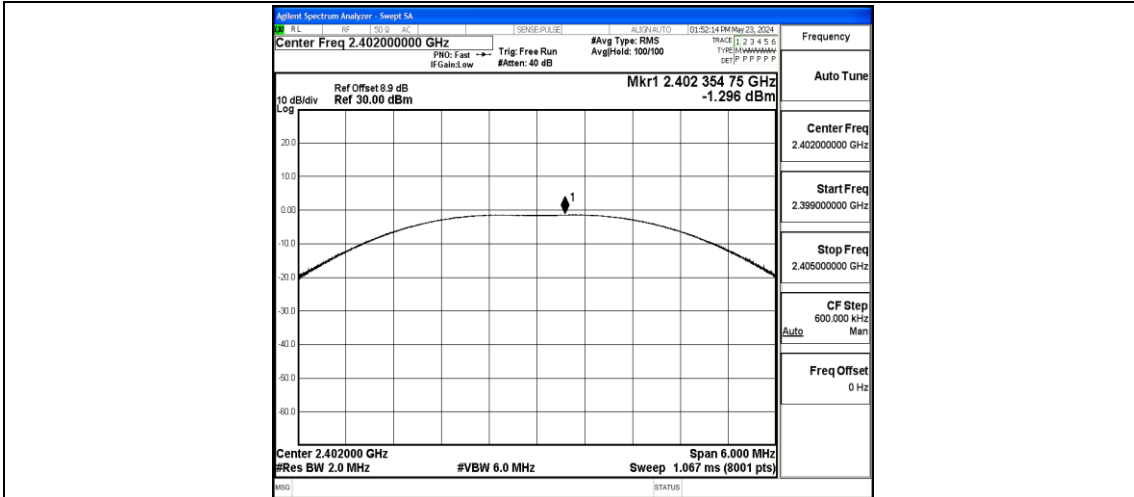
SRD-Ant1-2480

Appendix C: Maximum peak conducted output power

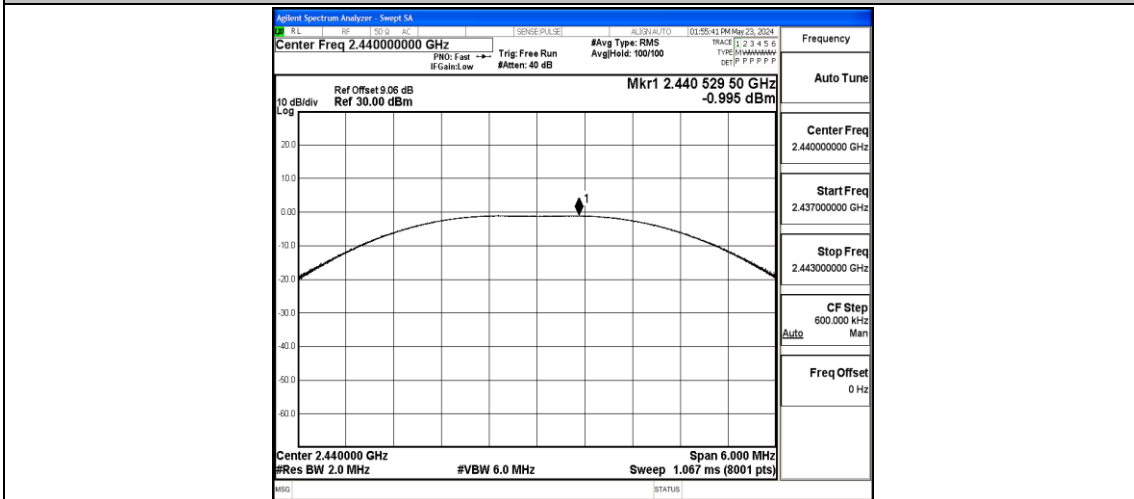
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2402	-1.30	≤30	PASS
SRD	Ant1	2440	-1.00	≤30	PASS
SRD	Ant1	2480	-0.66	≤30	PASS

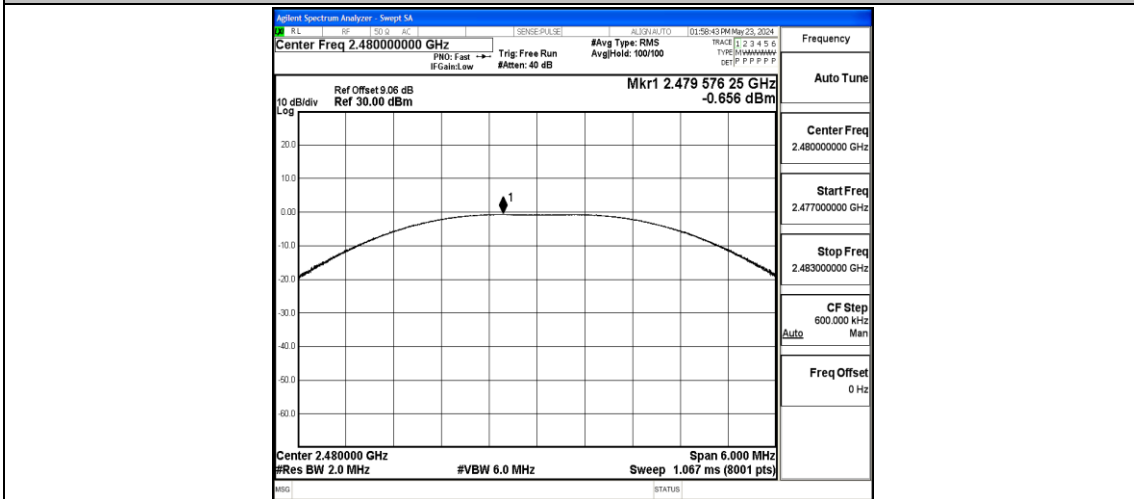
Test Graphs Peak



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



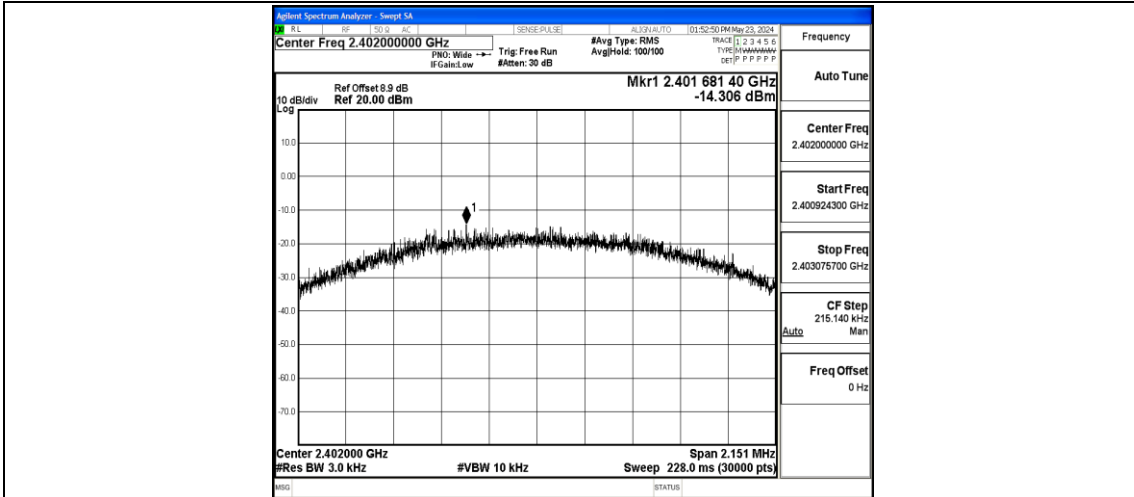
SRD-Ant1-2480-PASS

Appendix D: Maximum peak power spectral density

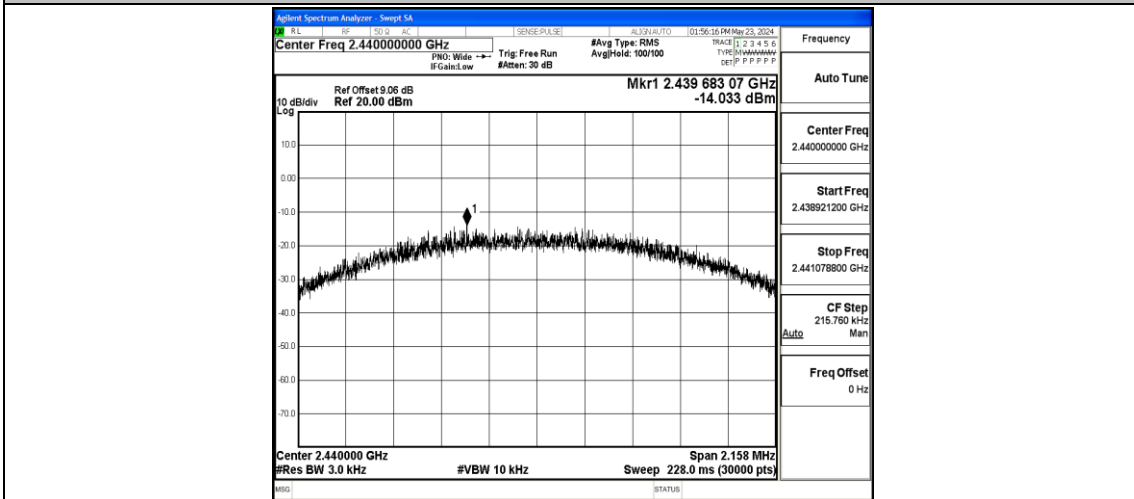
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-14.31	≤8.00	PASS
SRD	Ant1	2440	-14.03	≤8.00	PASS
SRD	Ant1	2480	-13.08	≤8.00	PASS

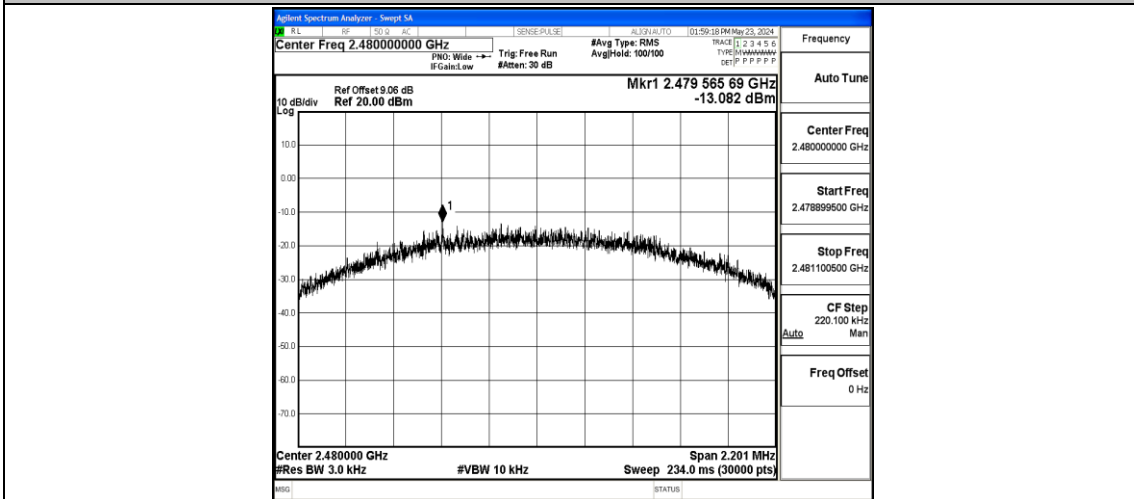
Test Graphs



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



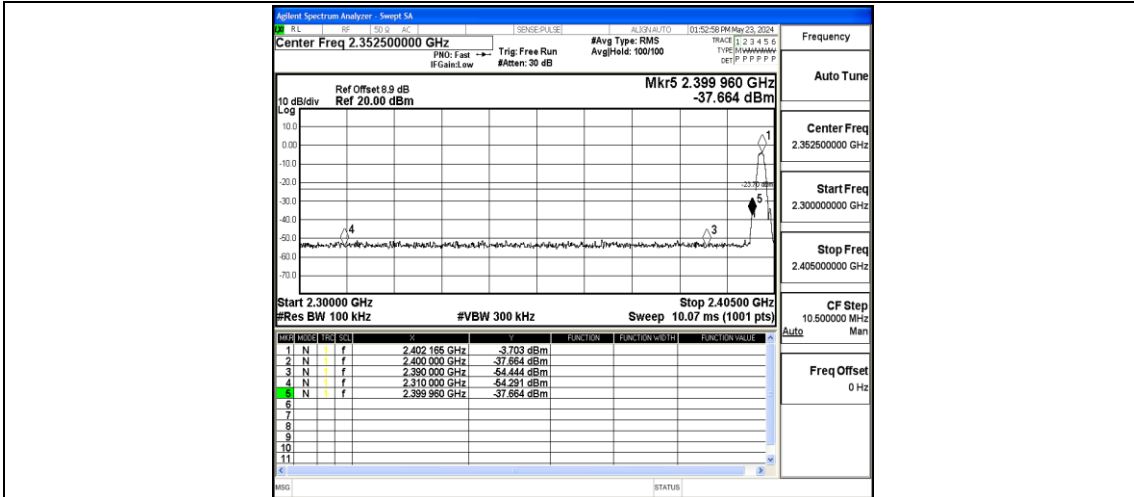
SRD-Ant1-2480-PASS

Appendix E: Band edge measurements

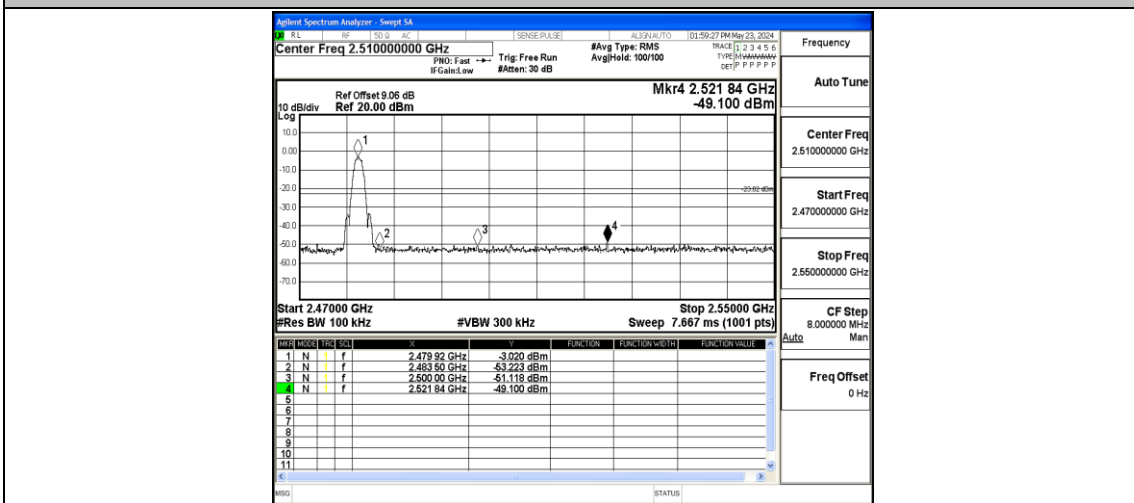
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-3.70	-37.66	≤-23.7	PASS
SRD	Ant1	High	2480	-3.02	-49.1	≤-23.02	PASS

Test Graphs



SRD-Ant1-2402-PASS



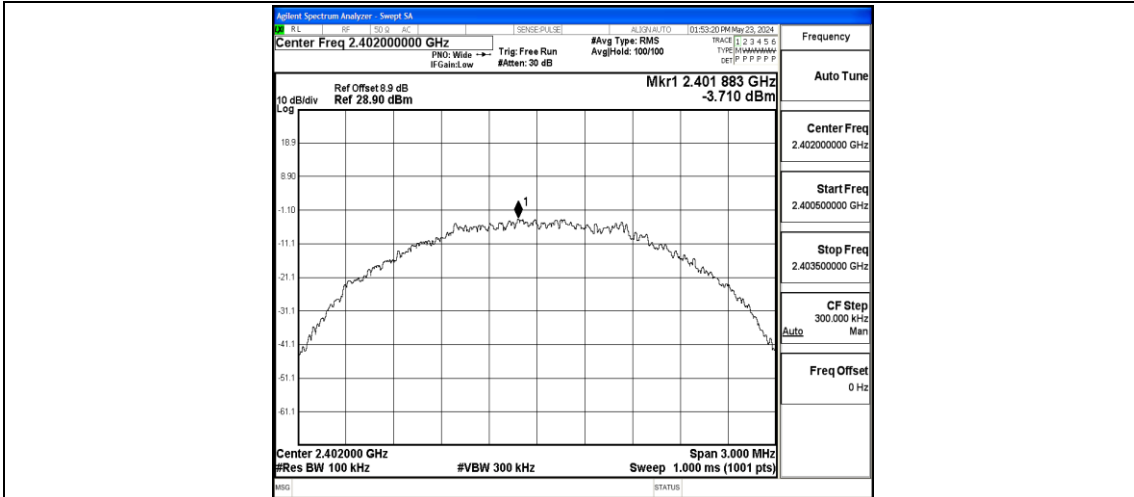
SRD-Ant1-2480-PASS

Appendix F: Conducted Spurious Emission

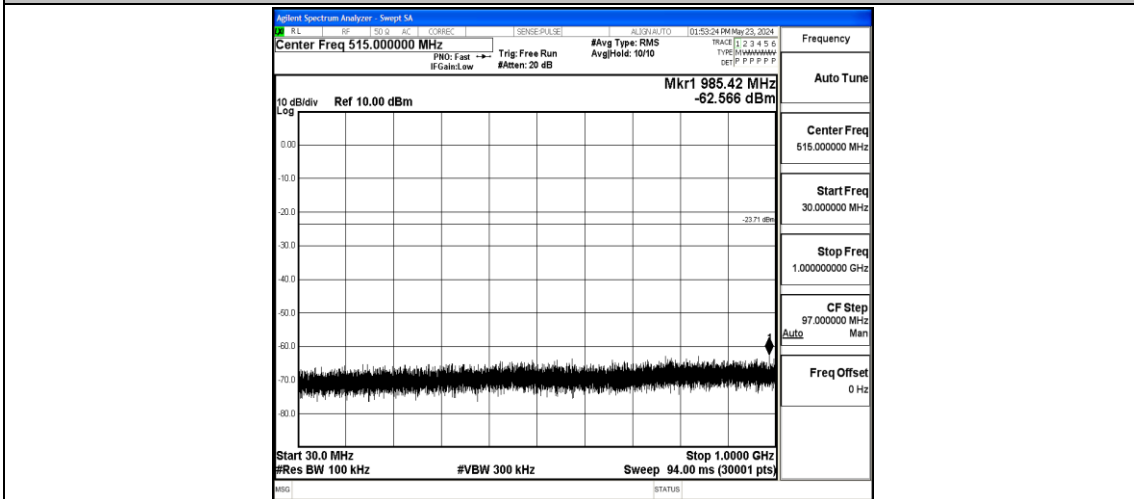
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	0~Reference	-3.71	-3.71	---	PASS
SRD	Ant1	2402	30~1000	-3.71	-62.57	≤-23.71	PASS
SRD	Ant1	2402	1000~26500	-3.71	-50.34	≤-23.71	PASS
SRD	Ant1	2440	0~Reference	-2.55	-2.55	---	PASS
SRD	Ant1	2440	30~1000	-2.55	-62.82	≤-22.55	PASS
SRD	Ant1	2440	1000~26500	-2.55	-50.58	≤-22.55	PASS
SRD	Ant1	2480	0~Reference	-2.97	-2.97	---	PASS
SRD	Ant1	2480	30~1000	-2.97	-63.13	≤-22.97	PASS
SRD	Ant1	2480	1000~26500	-2.97	-50.39	≤-22.97	PASS

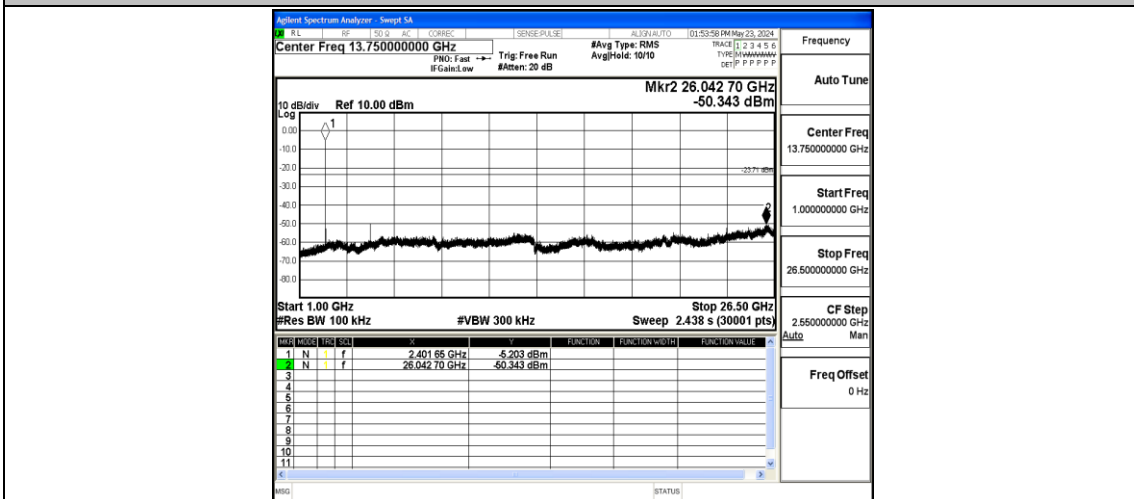
Test Graphs



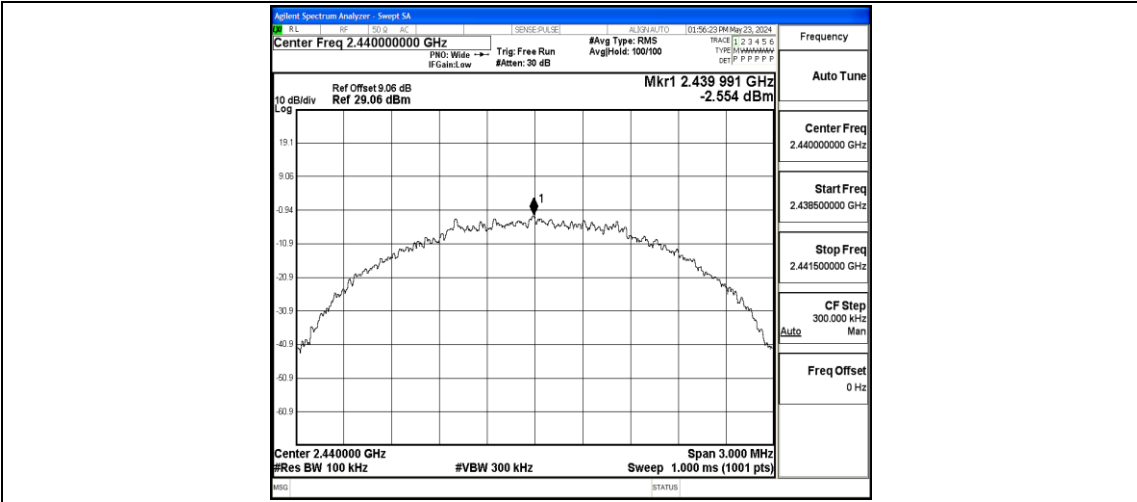
SRD-Ant1-2402-0~Reference-PASS



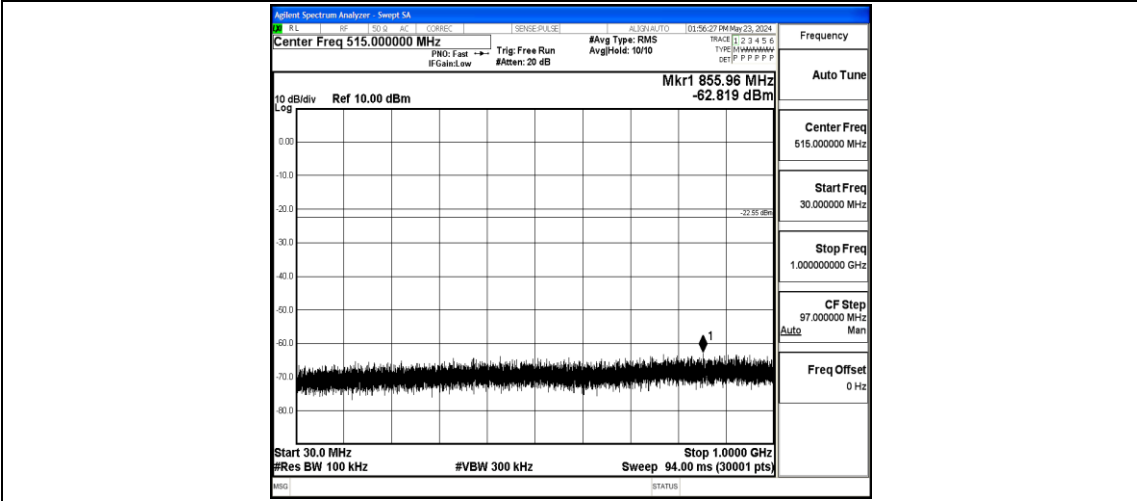
SRD-Ant1-2402-30~1000-PASS



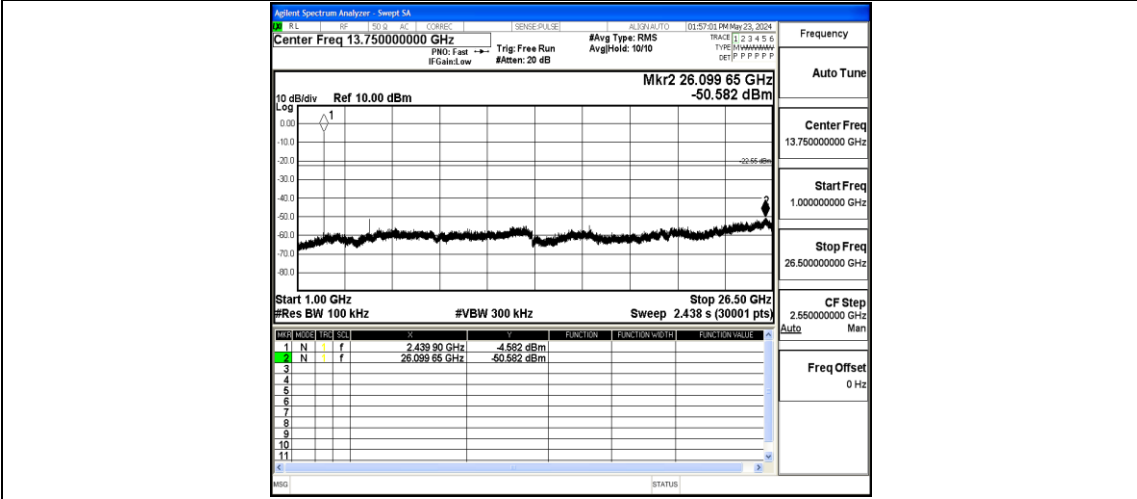
SRD-Ant1-2402-1000~26500-PASS



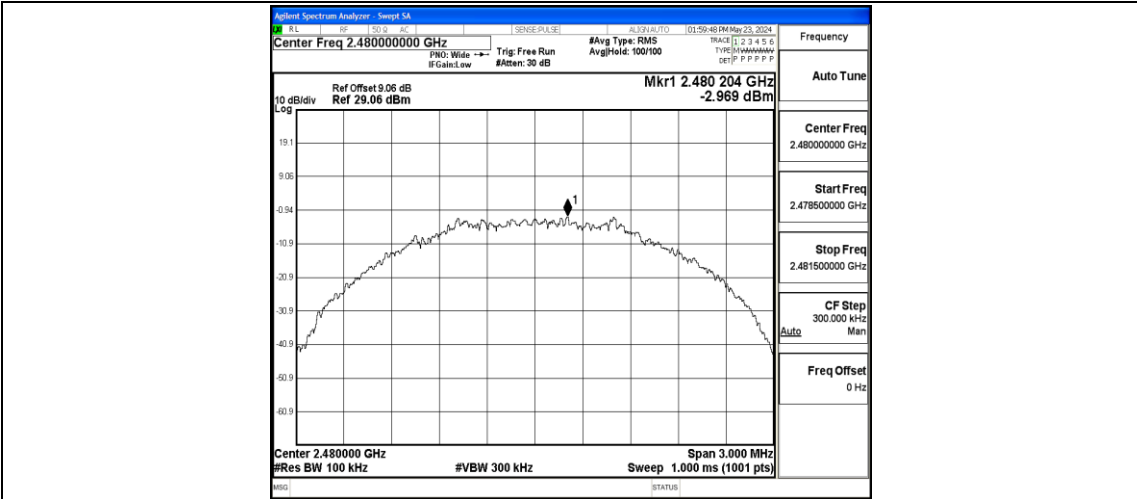
SRD-Ant1-2440-0~Reference-PASS



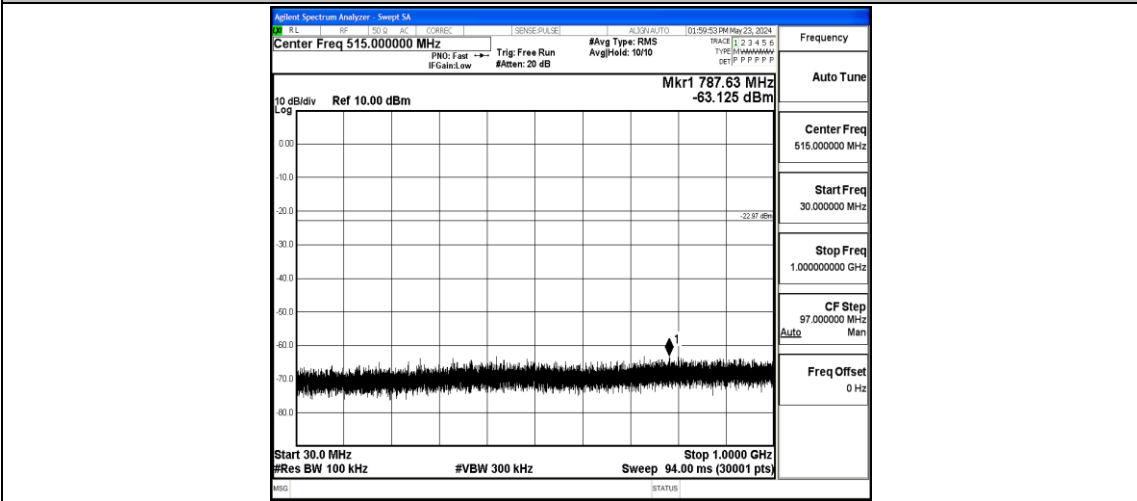
SRD-Ant1-2440-30~1000-PASS



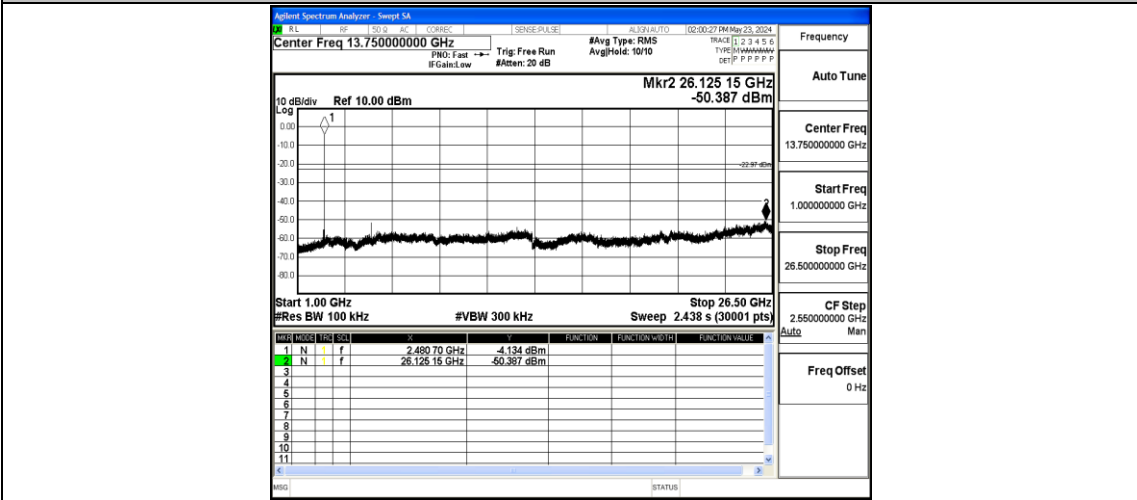
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2480-0~Reference-PASS



SRD-Ant1-2480-30~1000-PASS



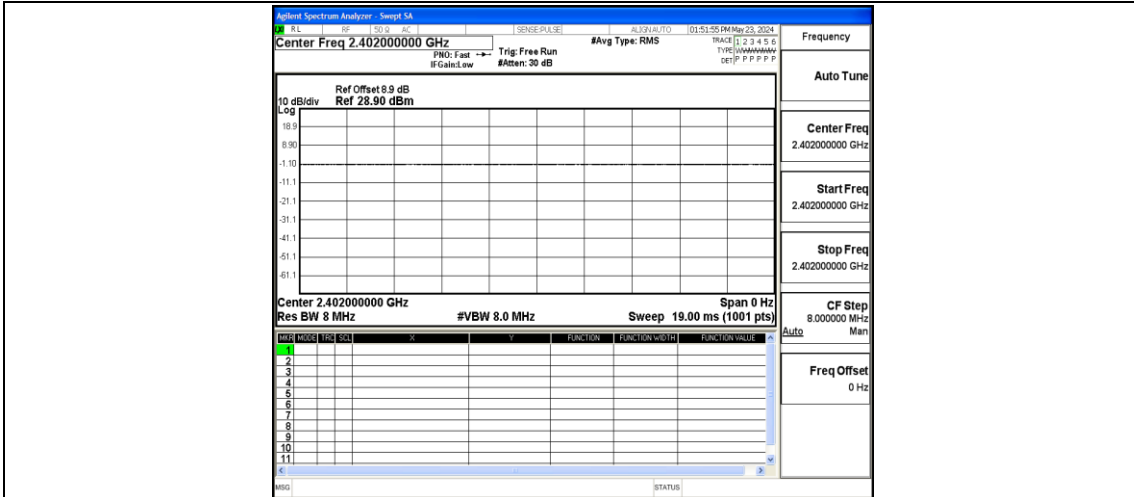
SRD-Ant1-2480-1000~26500-PASS

Appendix G: Duty Cycle

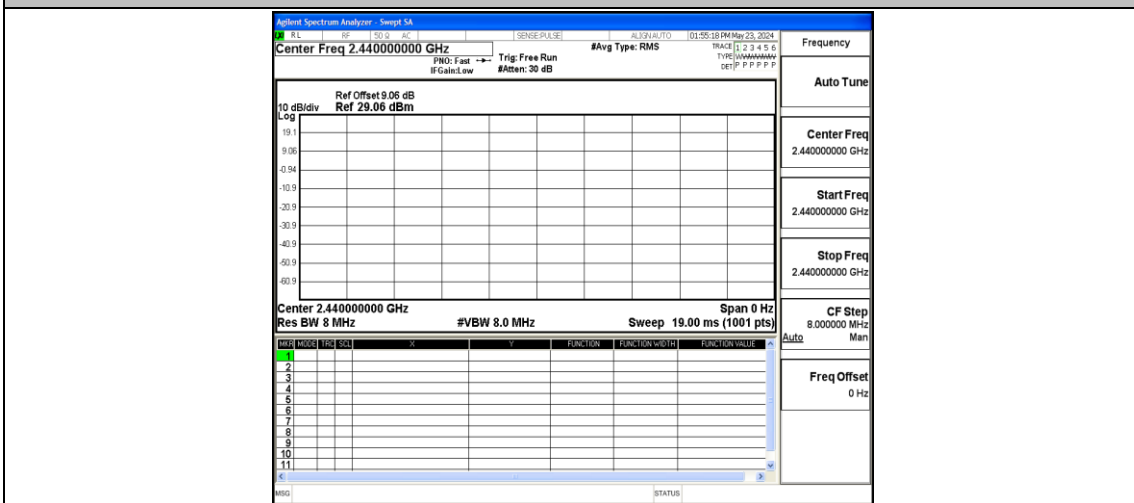
Test Result

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

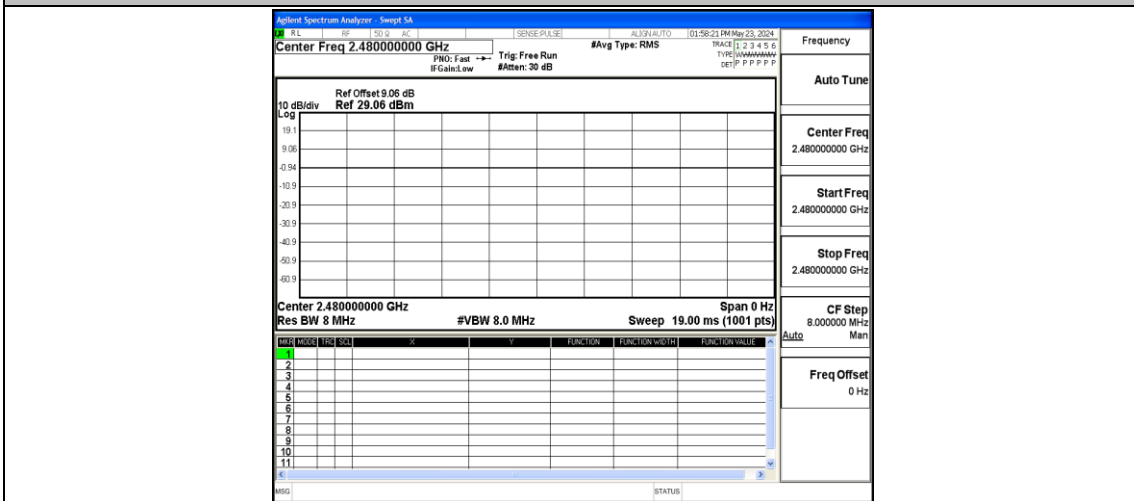
Test Graphs



NTNV-SRD-Ant1-2402



NTNV-SRD-Ant1-2440



NTNV-SRD-Ant1-2480