

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Mouse

Trade Mark: Keychron

Test Model: M7

FCC ID: 2BGKB-M7

Environmental Conditions

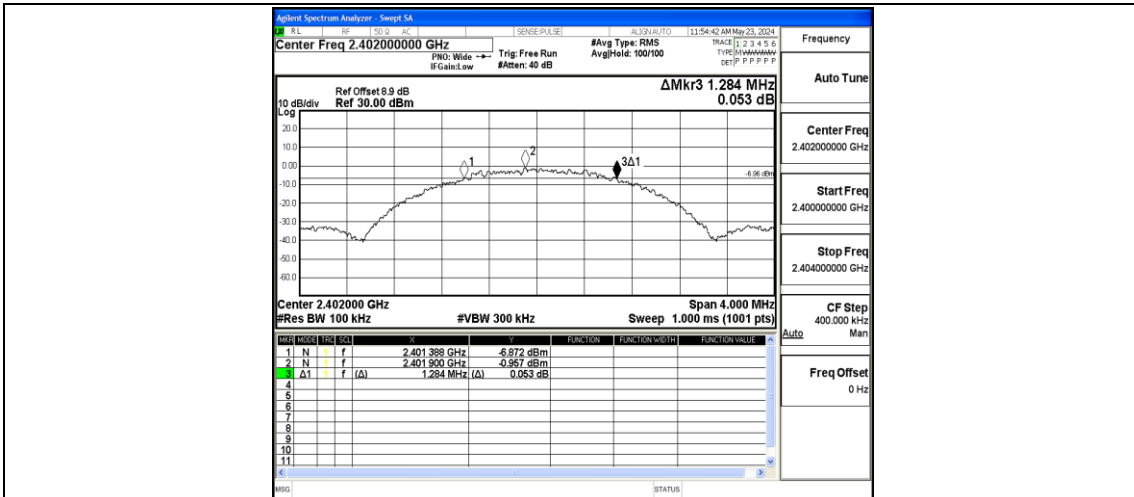
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

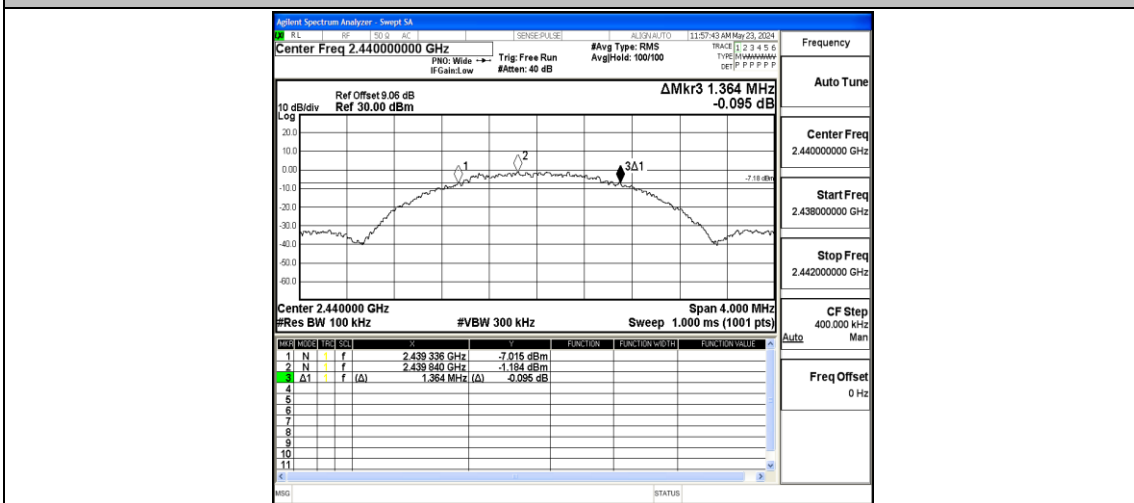
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.284	2401.388	2402.672	0.5	PASS
SRD	Ant1	2440	1.364	2439.336	2440.700	0.5	PASS
SRD	Ant1	2480	1.368	2479.324	2480.692	0.5	PASS

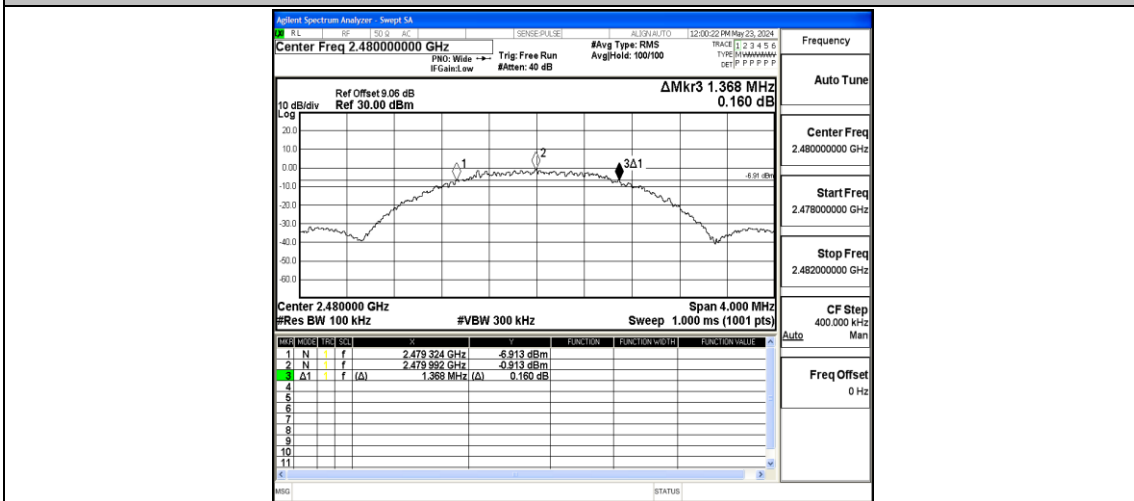
Test Graphs



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



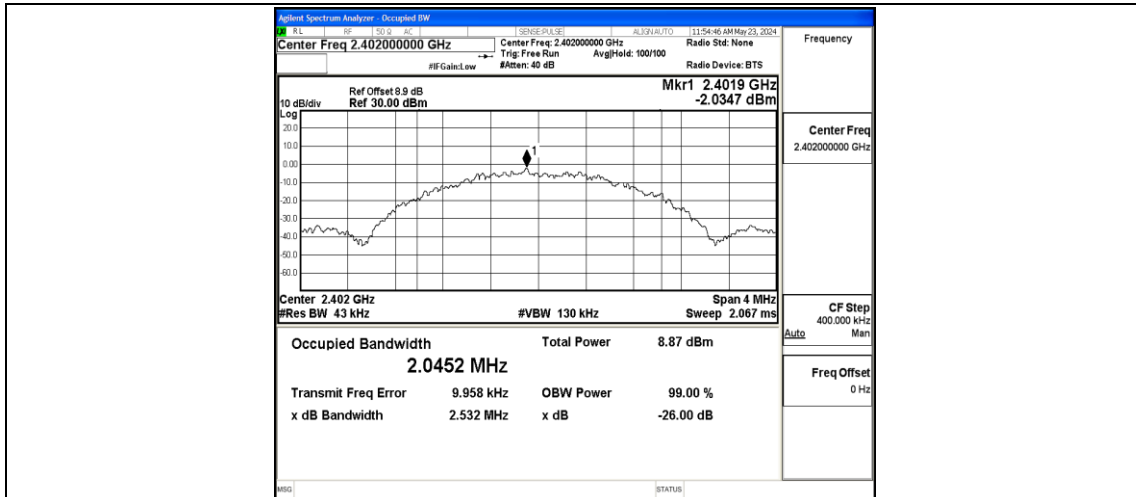
SRD-Ant1-2480-PASS

Appendix B: Occupied Channel Bandwidth

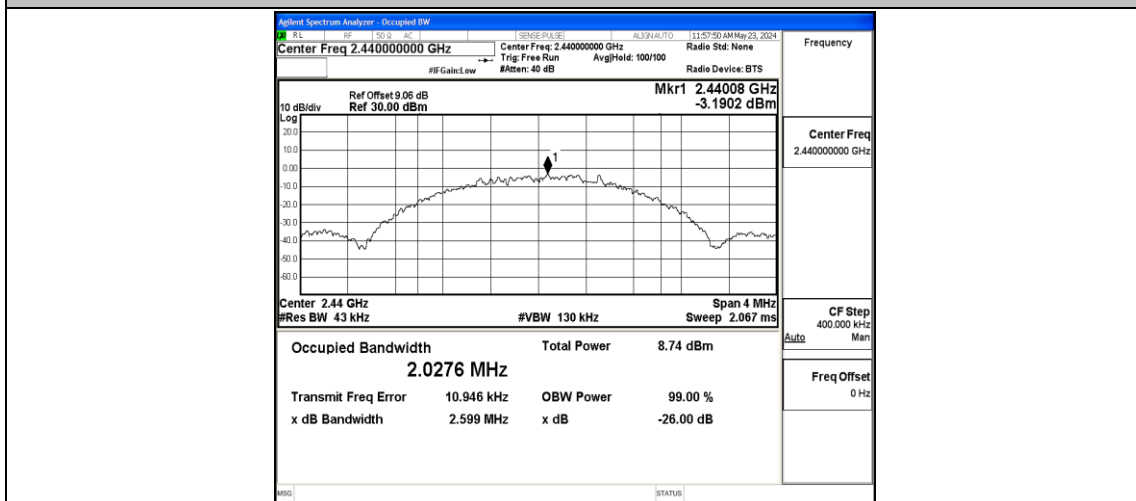
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	2.0452	2400.9874	2403.0326	---	---
SRD	Ant1	2440	2.0276	2438.9972	2441.0248	---	---
SRD	Ant1	2480	2.0231	2479.0096	2481.0327	---	---

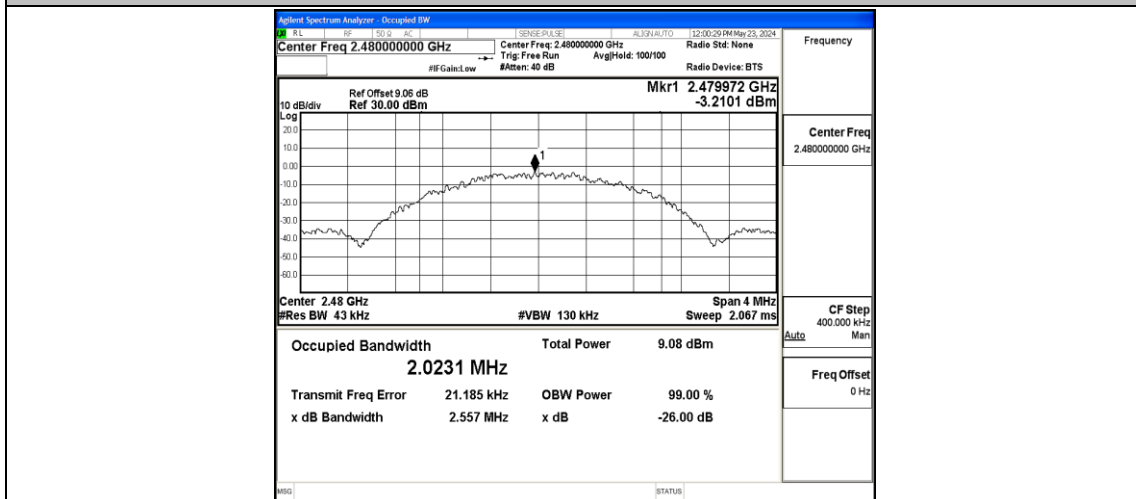
Test Graphs



SRD-Ant1-2402



SRD-Ant1-2440



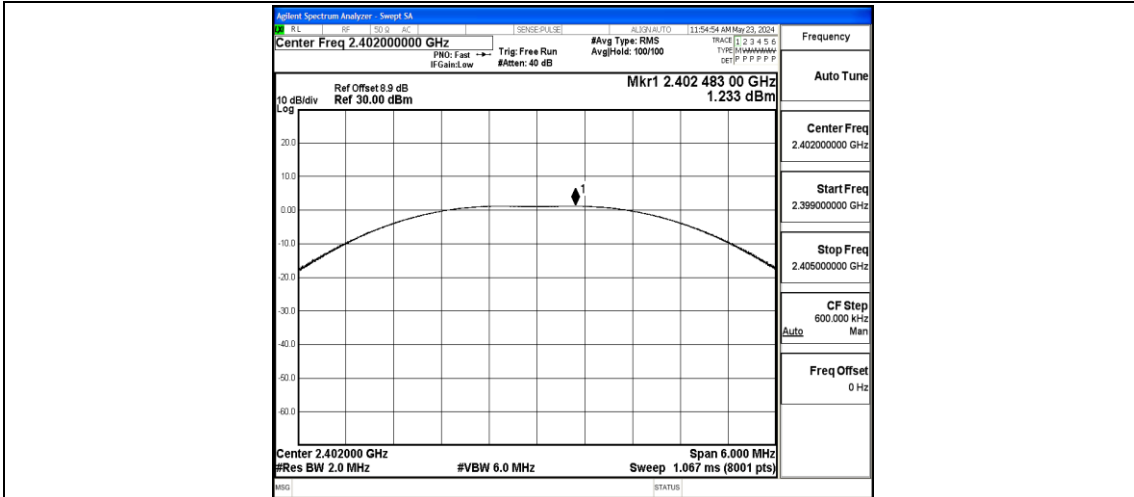
SRD-Ant1-2480

Appendix C: Maximum peak conducted output power

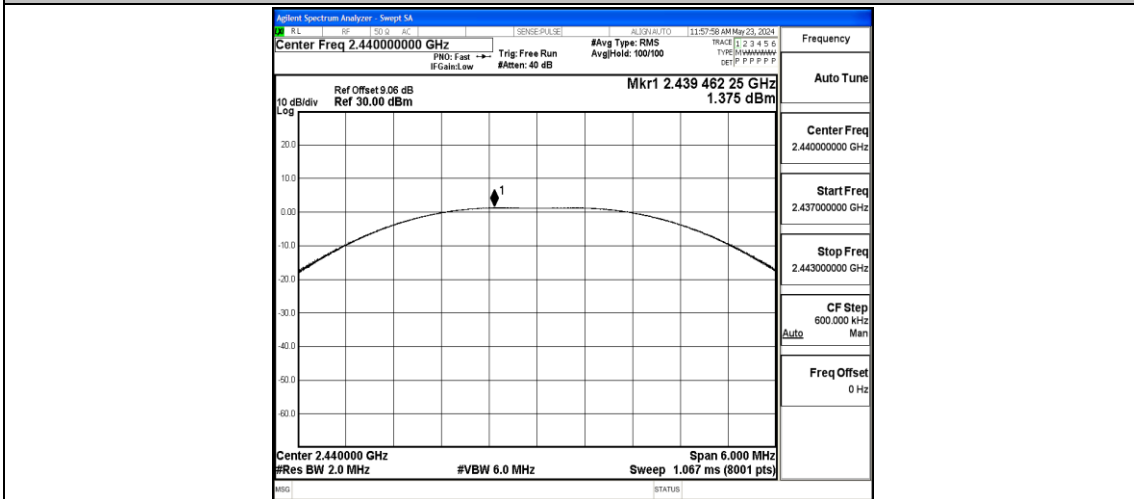
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2402	1.23	≤30	PASS
SRD	Ant1	2440	1.38	≤30	PASS
SRD	Ant1	2480	1.59	≤30	PASS

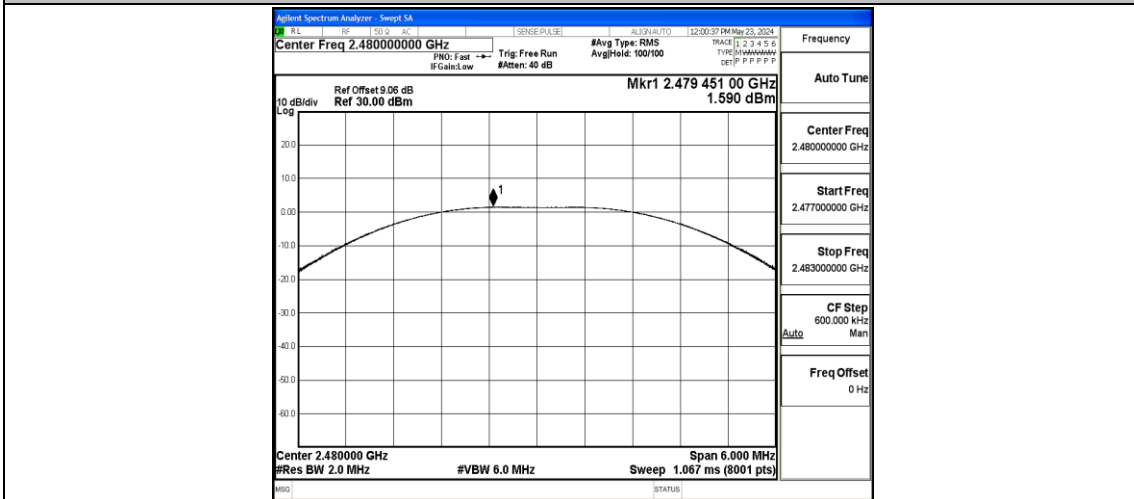
Test Graphs Peak



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



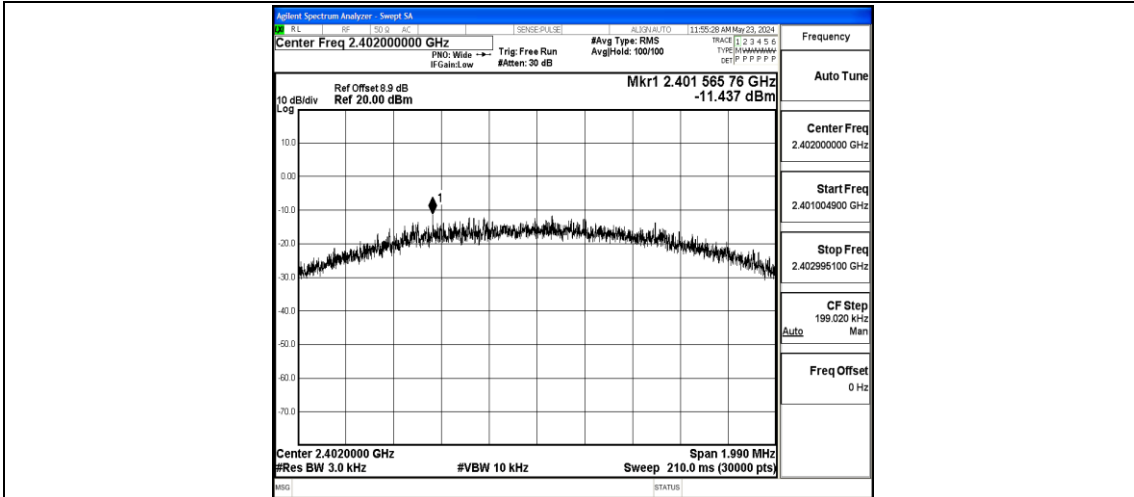
SRD-Ant1-2480-PASS

Appendix D: Maximum peak power spectral density

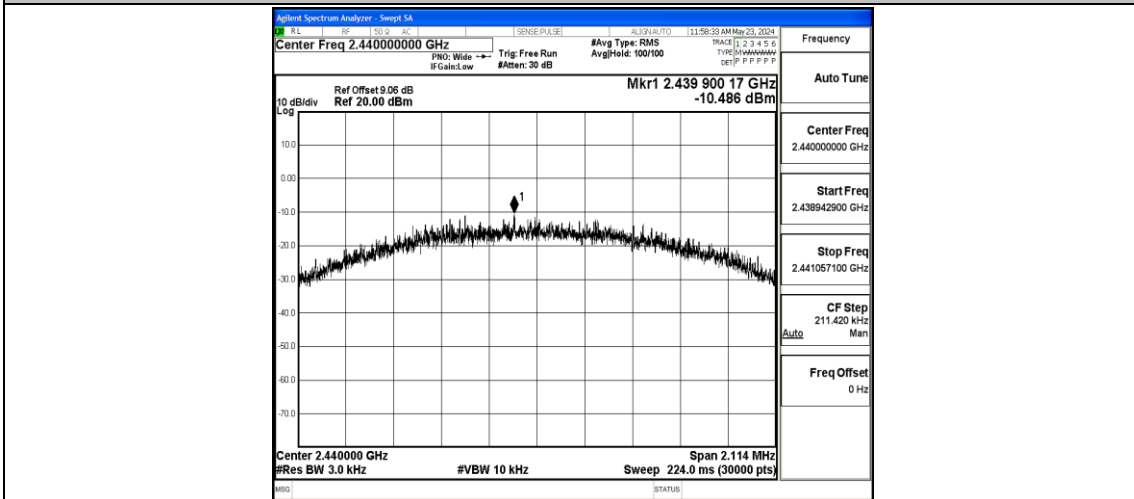
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-11.44	≤8.00	PASS
SRD	Ant1	2440	-10.49	≤8.00	PASS
SRD	Ant1	2480	-11.03	≤8.00	PASS

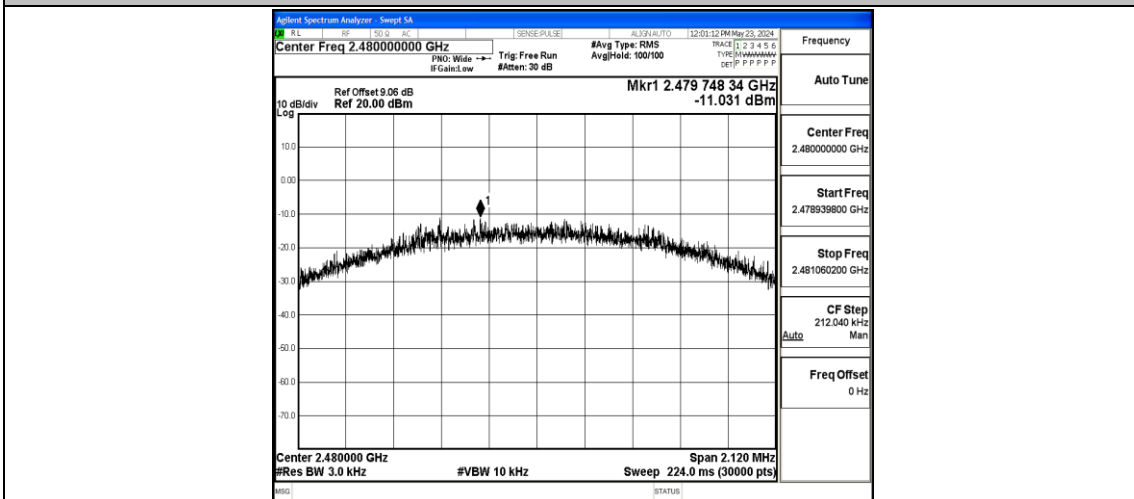
Test Graphs



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



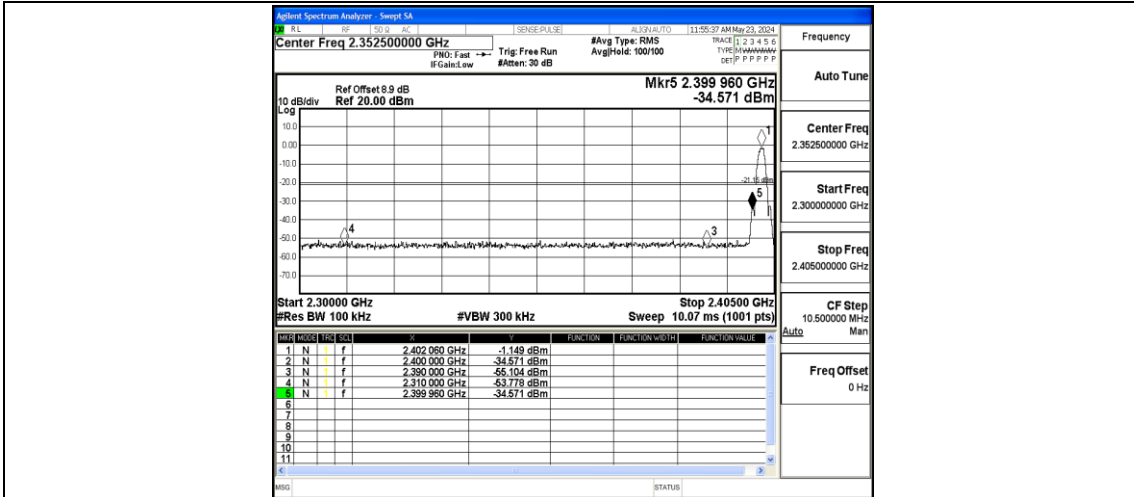
SRD-Ant1-2480-PASS

Appendix E: Band edge measurements

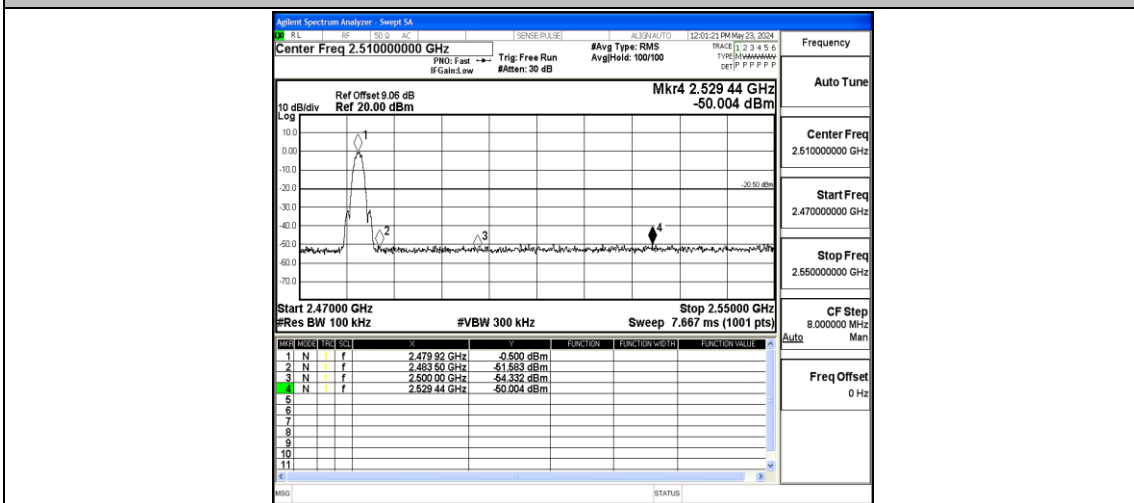
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-1.15	-34.57	≤-21.15	PASS
SRD	Ant1	High	2480	-0.50	-50	≤-20.5	PASS

Test Graphs



SRD-Ant1-2402-PASS



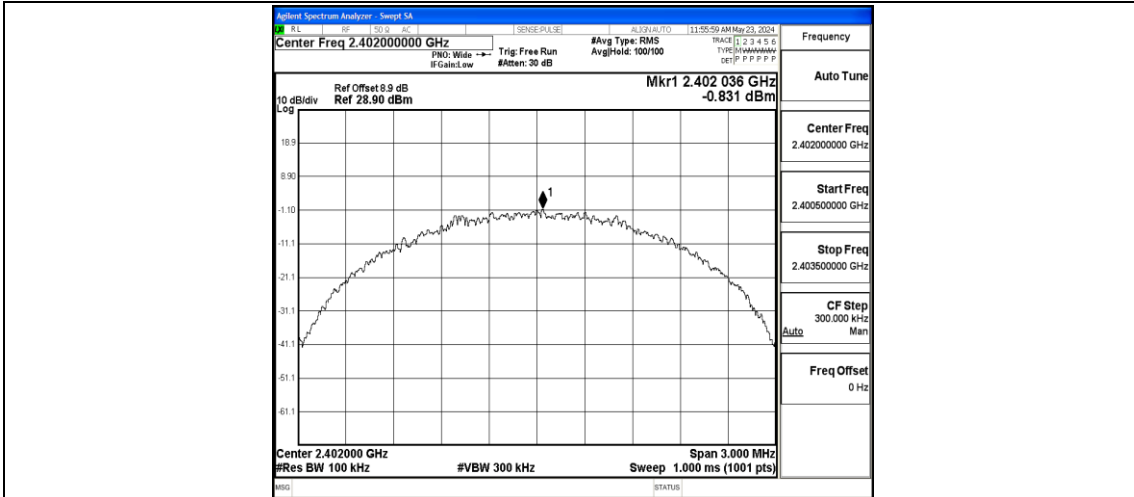
SRD-Ant1-2480-PASS

Appendix F: Conducted Spurious Emission

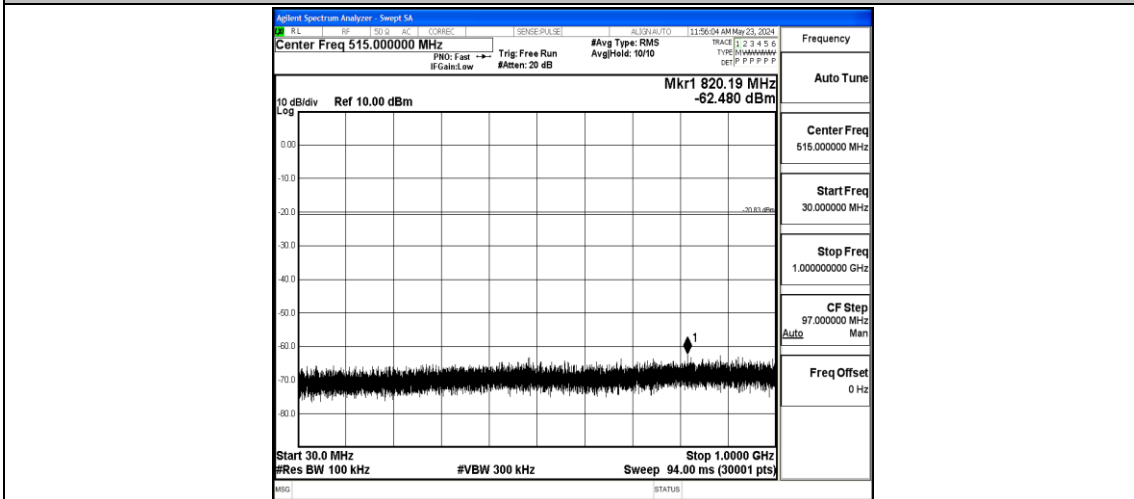
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	0~Reference	-0.83	-0.83	---	PASS
SRD	Ant1	2402	30~1000	-0.83	-62.48	≤-20.83	PASS
SRD	Ant1	2402	1000~26500	-0.83	-44.44	≤-20.83	PASS
SRD	Ant1	2440	0~Reference	-0.39	-0.39	---	PASS
SRD	Ant1	2440	30~1000	-0.39	-63.28	≤-20.39	PASS
SRD	Ant1	2440	1000~26500	-0.39	-44.42	≤-20.39	PASS
SRD	Ant1	2480	0~Reference	-0.45	-0.45	---	PASS
SRD	Ant1	2480	30~1000	-0.45	-63.04	≤-20.45	PASS
SRD	Ant1	2480	1000~26500	-0.45	-45.4	≤-20.45	PASS

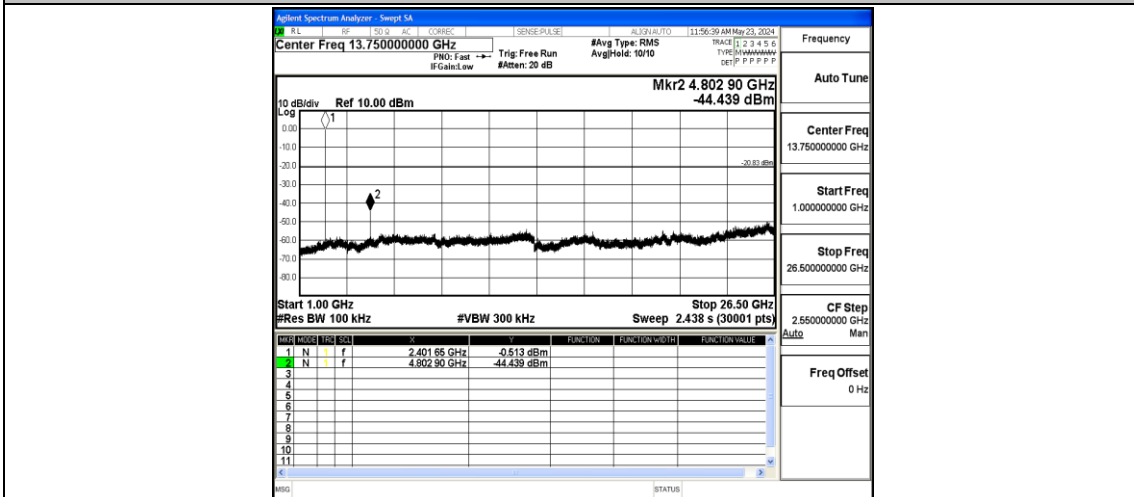
Test Graphs



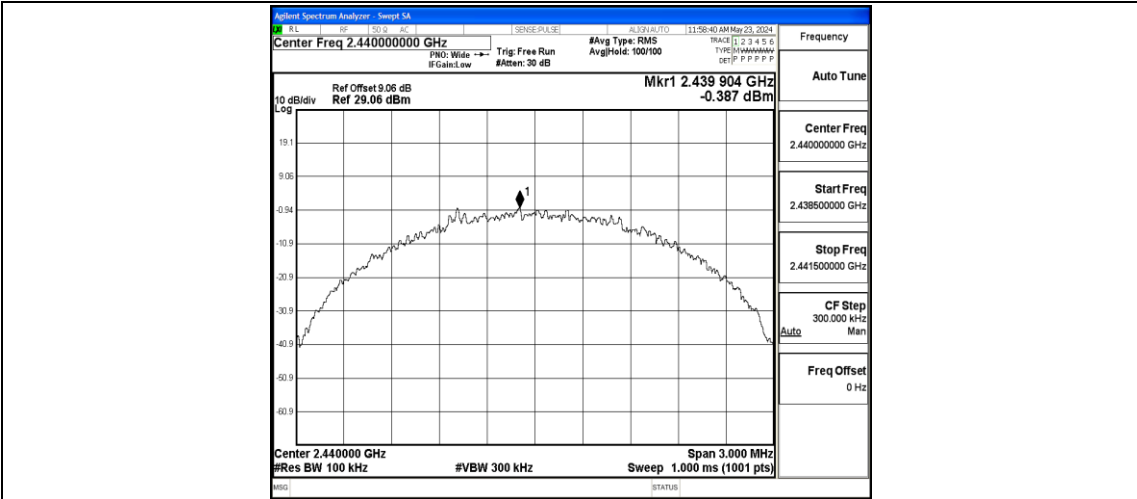
SRD-Ant1-2402-0~Reference-PASS



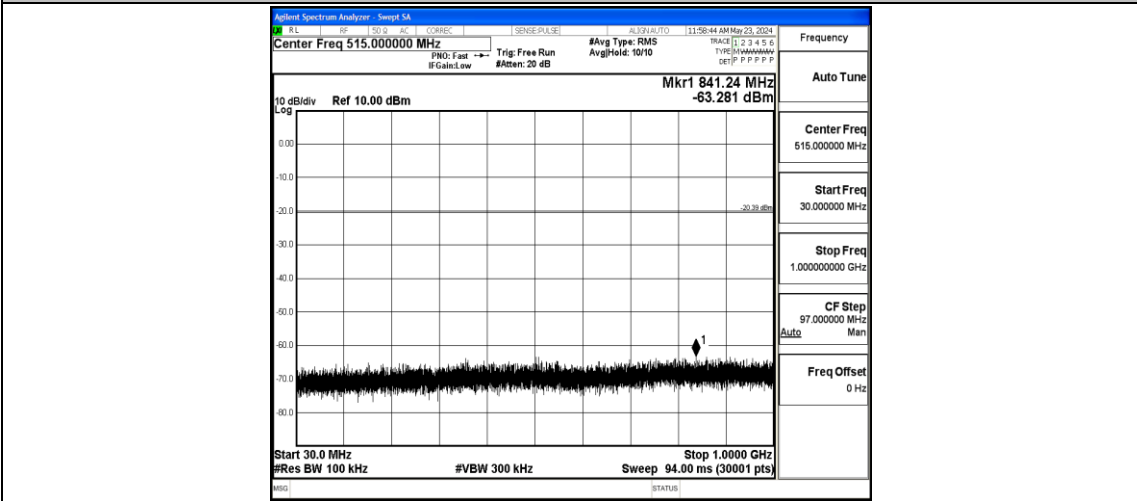
SRD-Ant1-2402-30~1000-PASS



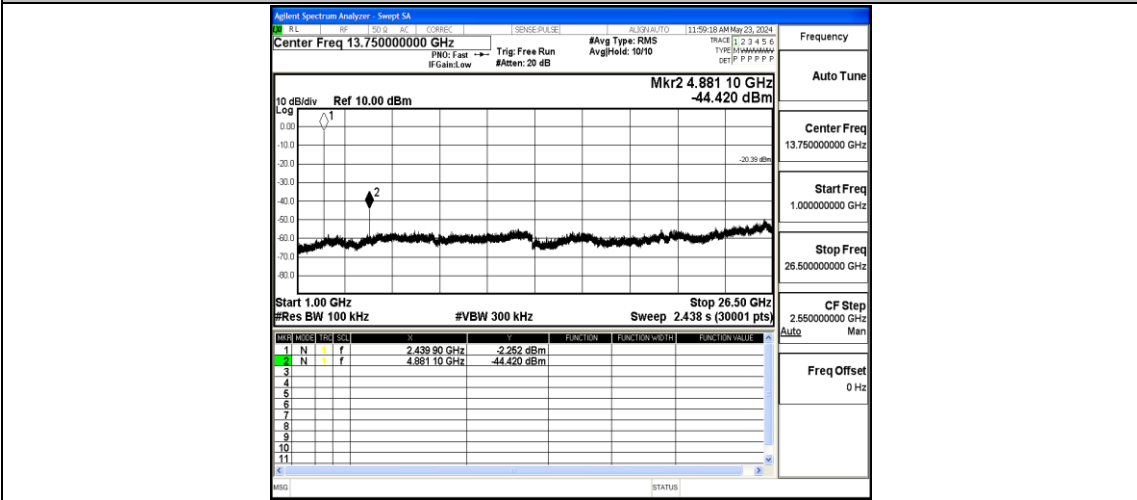
SRD-Ant1-2402-1000~26500-PASS



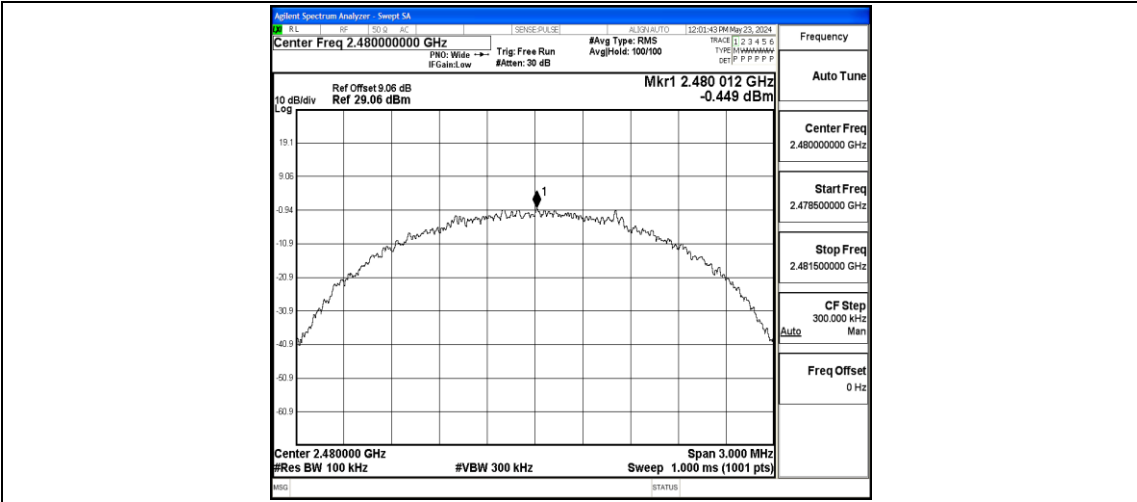
SRD-Ant1-2440-0~Reference-PASS



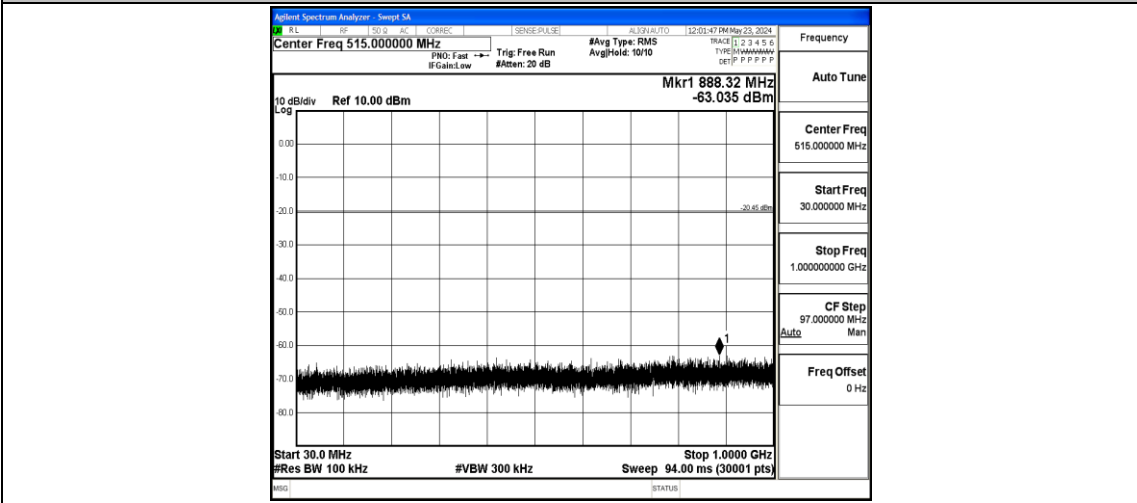
SRD-Ant1-2440-30~1000-PASS



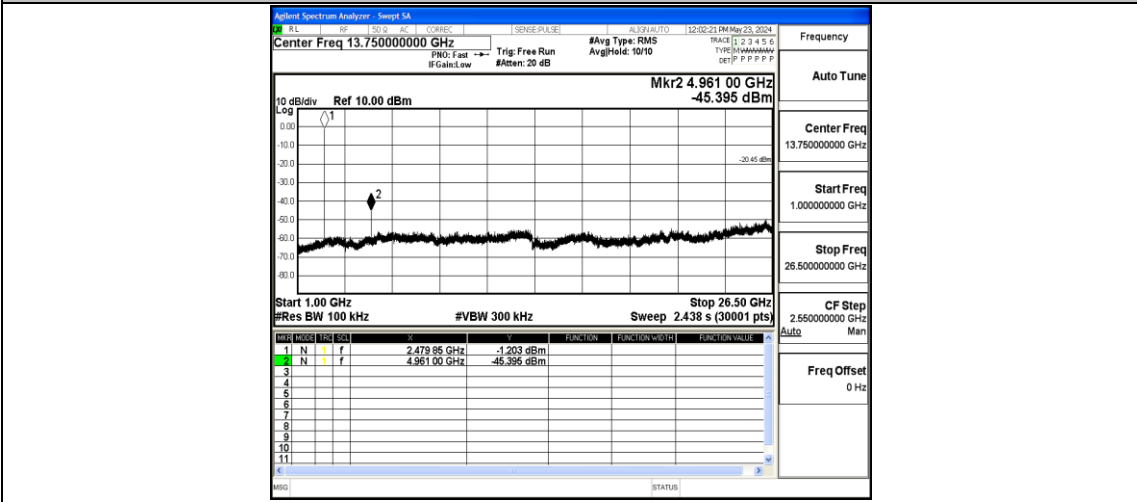
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2480-0~Reference-PASS



SRD-Ant1-2480-30~1000-PASS



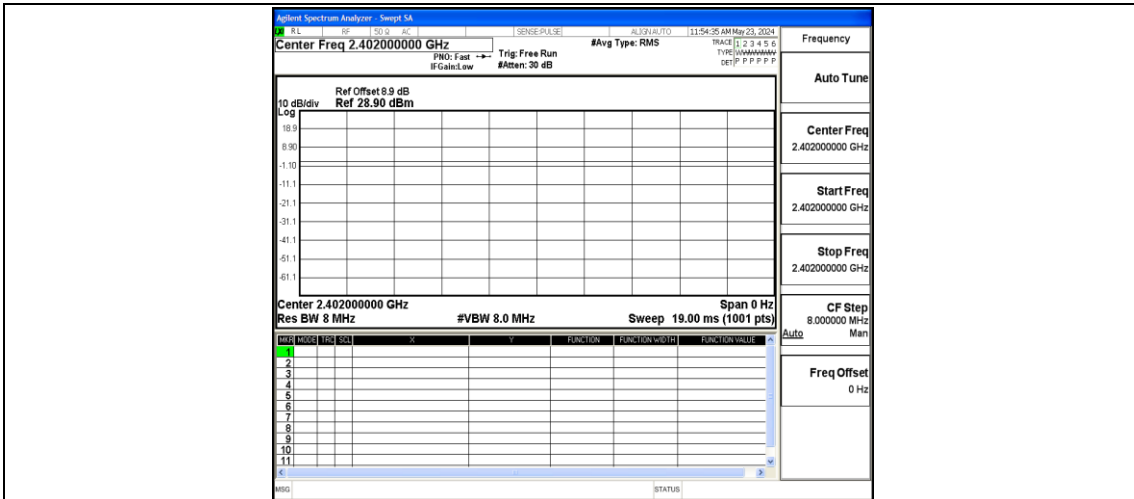
SRD-Ant1-2480-1000~26500-PASS

Appendix G: Duty Cycle

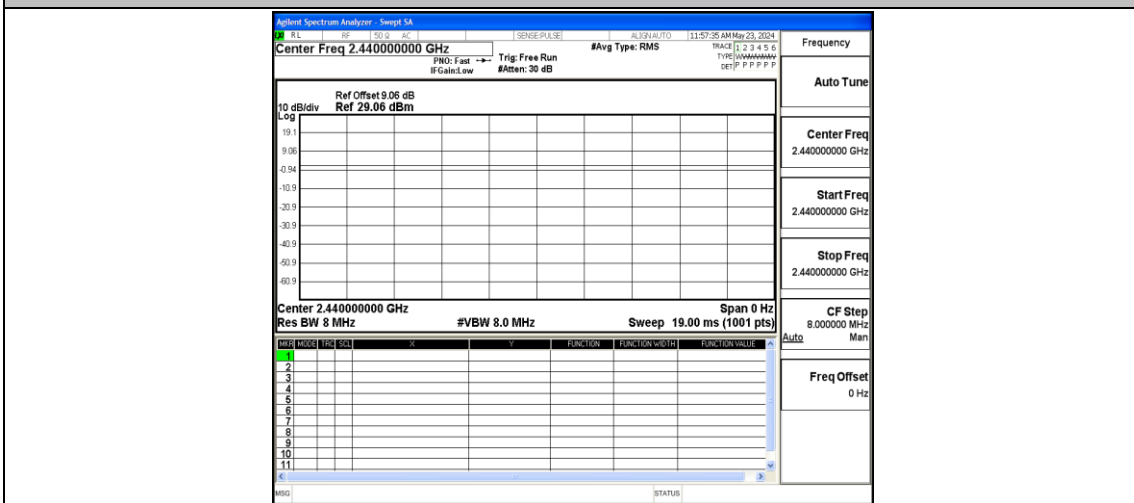
Test Result

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

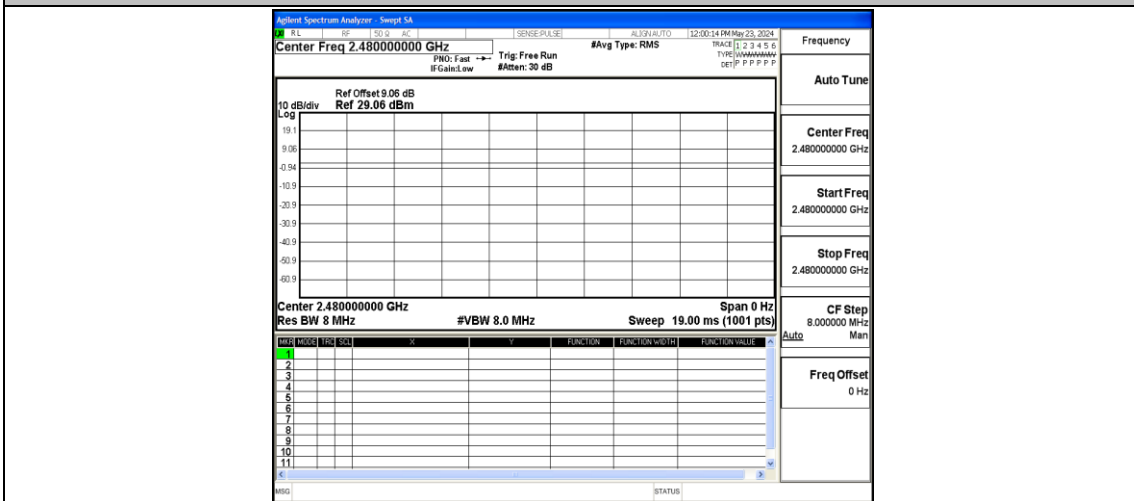
Test Graphs



NTNV-SRD-Ant1-2402



NTNV-SRD-Ant1-2440



NTNV-SRD-Ant1-2480