

## Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Mechanical Keyboard

Trade Mark: Keychron

Test Model: V6 Max

FCC ID: 2BGKB-V6MAX

### Environmental Conditions

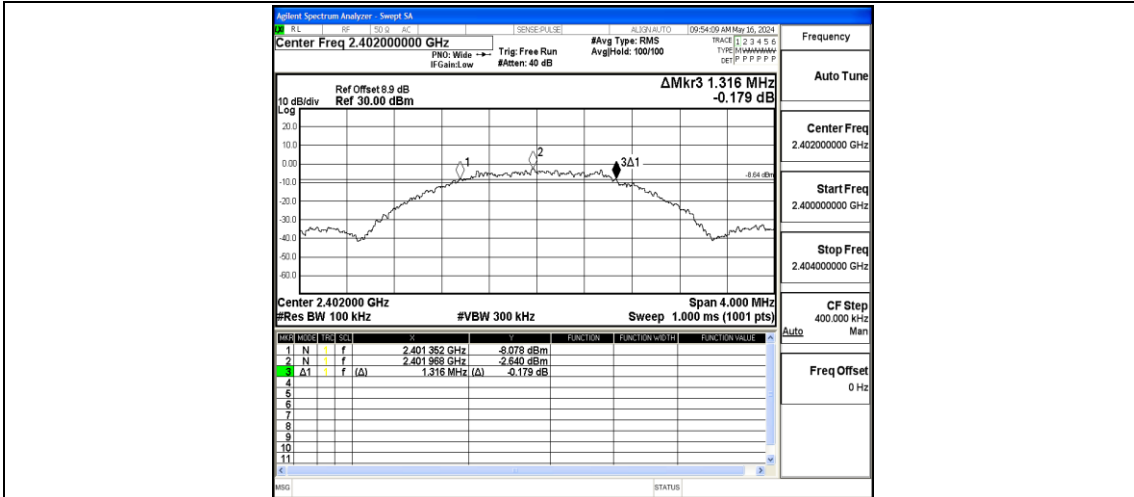
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

## Appendix A: DTS Bandwidth

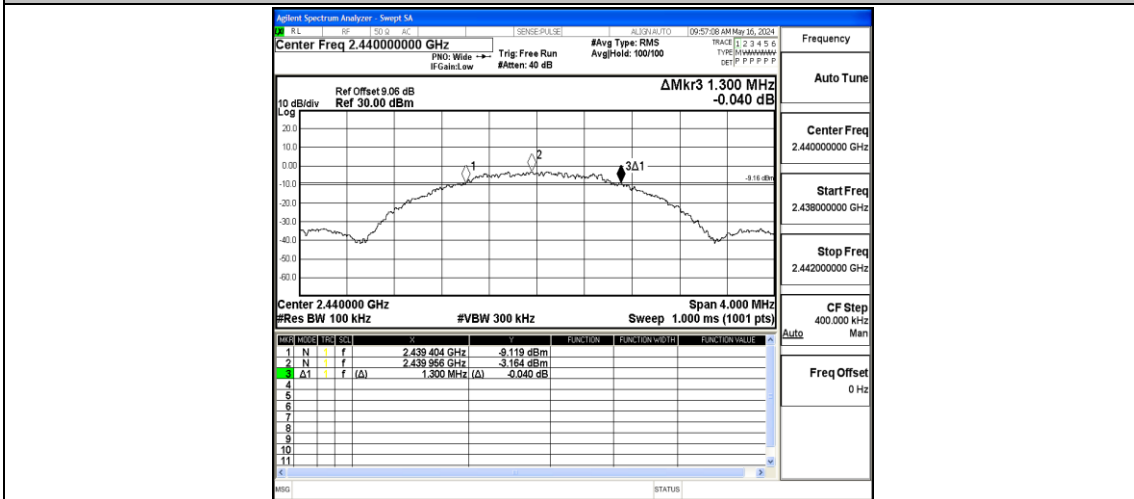
### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.316	2401.352	2402.668	0.5	PASS
SRD	Ant1	2440	1.300	2439.404	2440.704	0.5	PASS
SRD	Ant1	2480	1.316	2479.396	2480.712	0.5	PASS

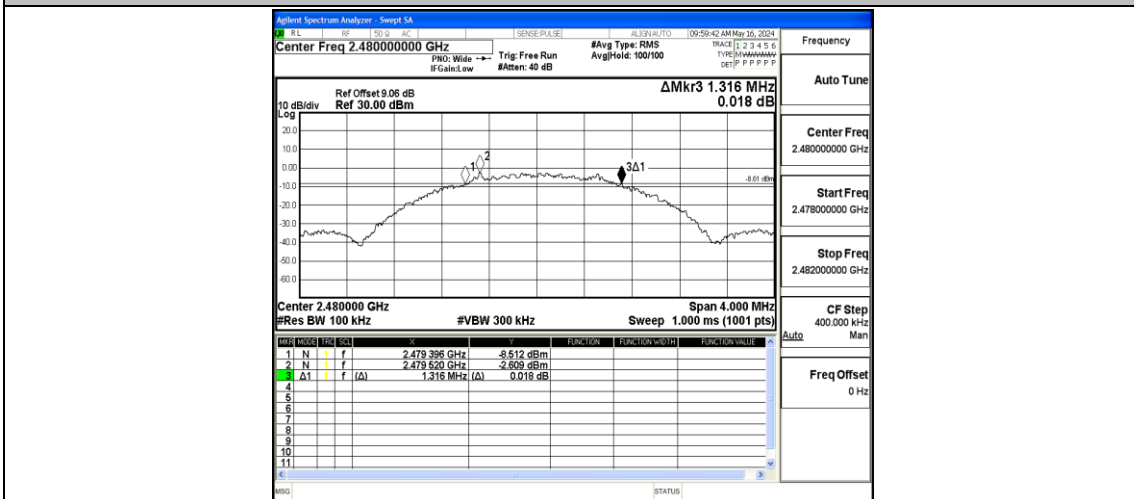
### Test Graphs



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



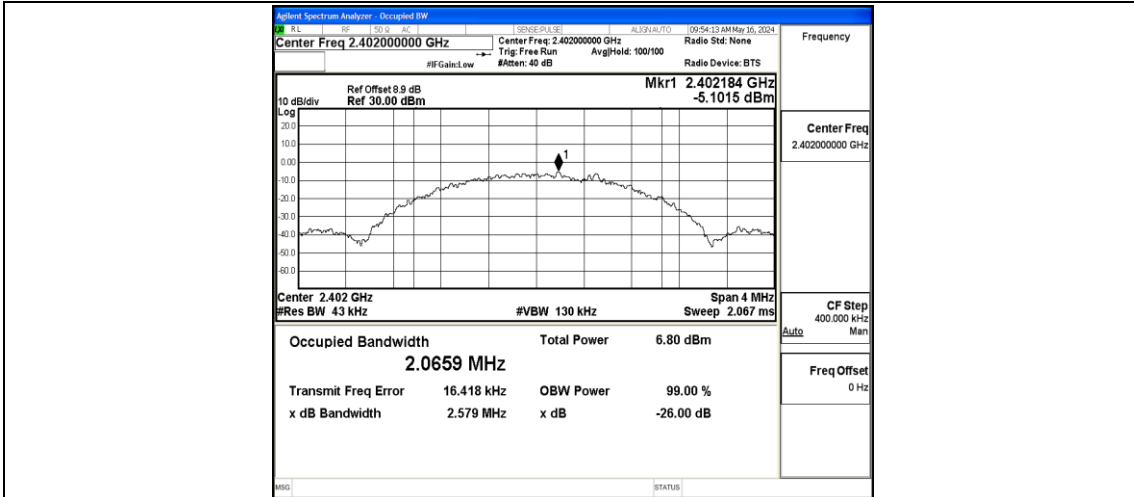
SRD-Ant1-2480-PASS

## Appendix B: Occupied Channel Bandwidth

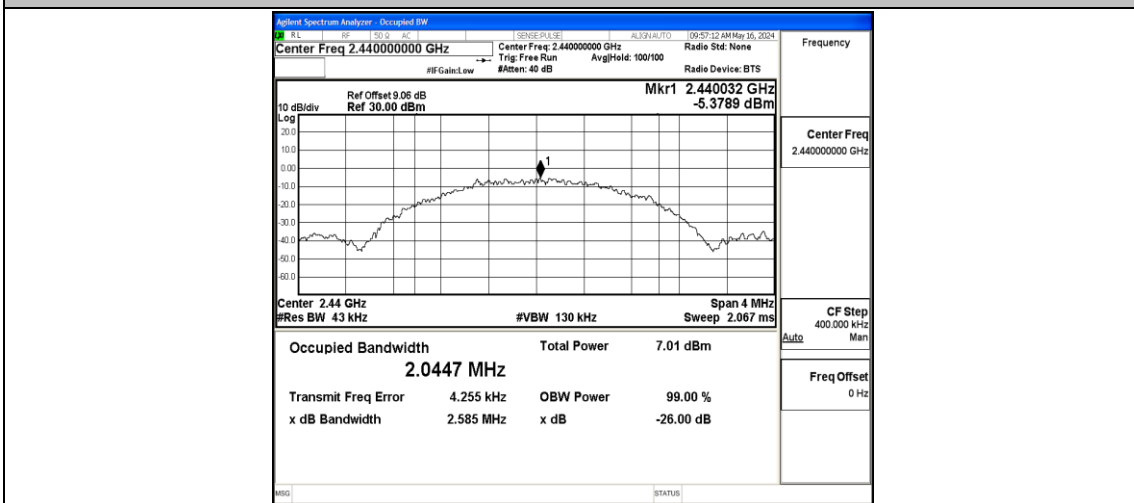
### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	2.0659	2400.9835	2403.0494	---	---
SRD	Ant1	2440	2.0447	2438.9819	2441.0266	---	---
SRD	Ant1	2480	2.0266	2478.9946	2481.0212	---	---

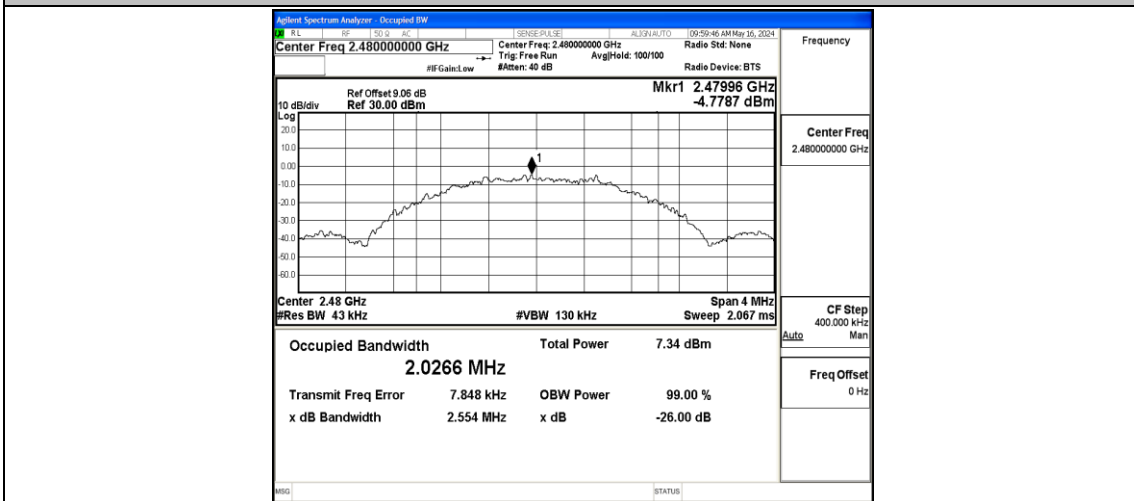
### Test Graphs



SRD-Ant1-2402



SRD-Ant1-2440



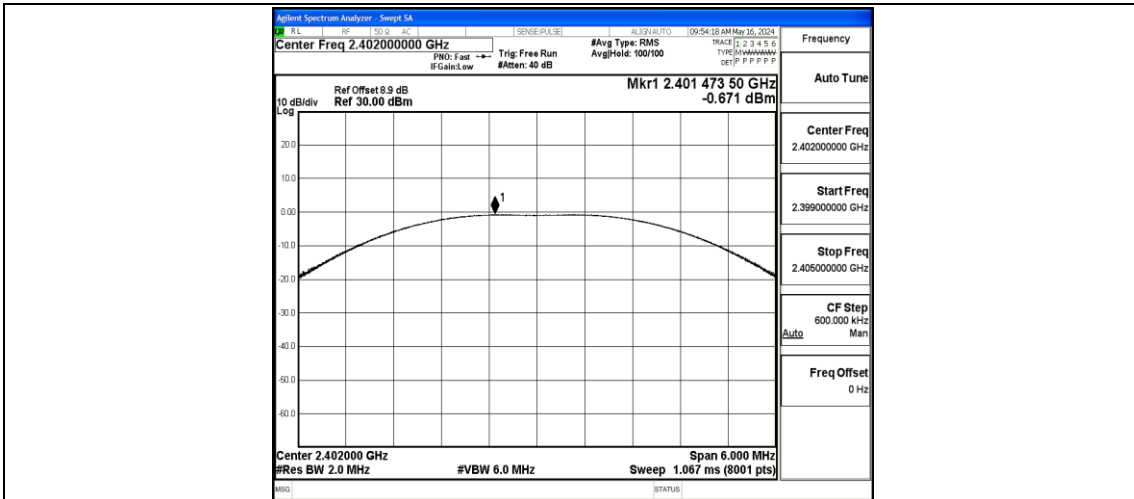
SRD-Ant1-2480

## Appendix C: Maximum peak conducted output power

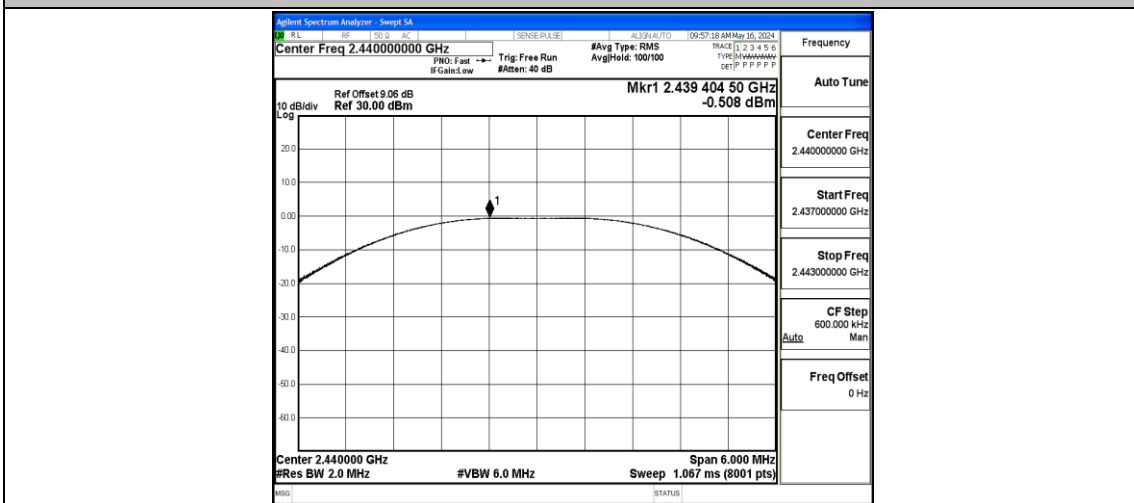
### Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2402	-0.67	≤30	PASS
SRD	Ant1	2440	-0.51	≤30	PASS
SRD	Ant1	2480	-0.23	≤30	PASS

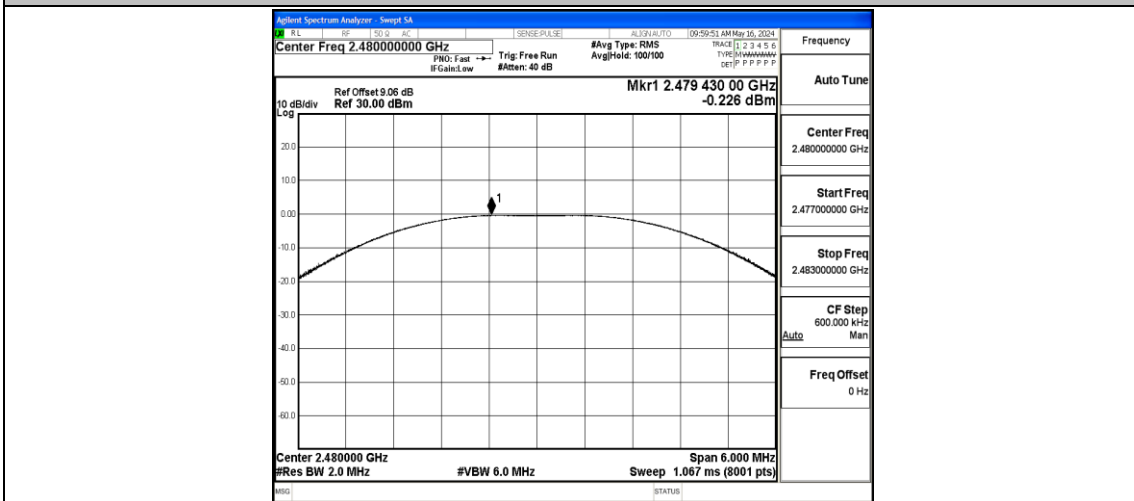
### Test Graphs Peak



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



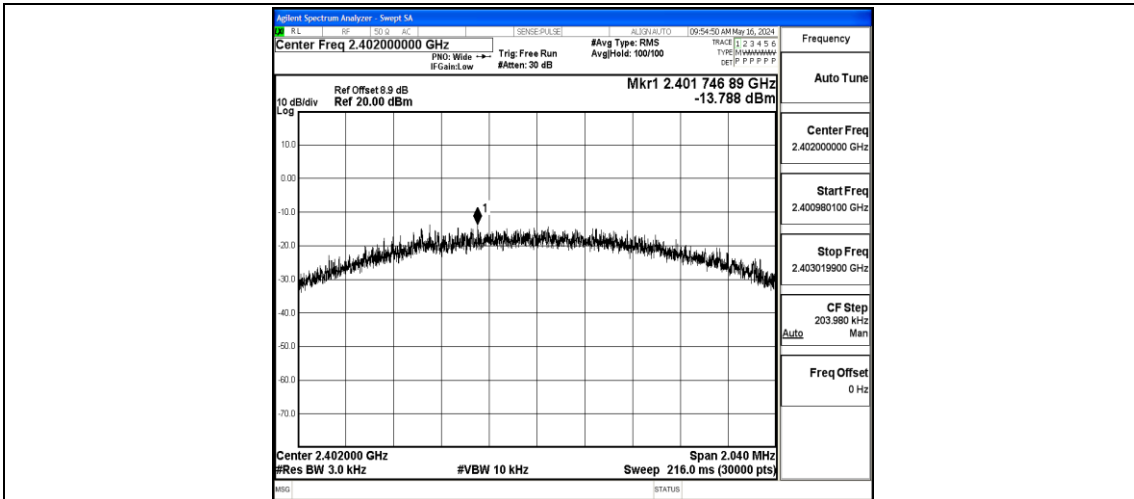
SRD-Ant1-2480-PASS

## Appendix D: Maximum peak power spectral density

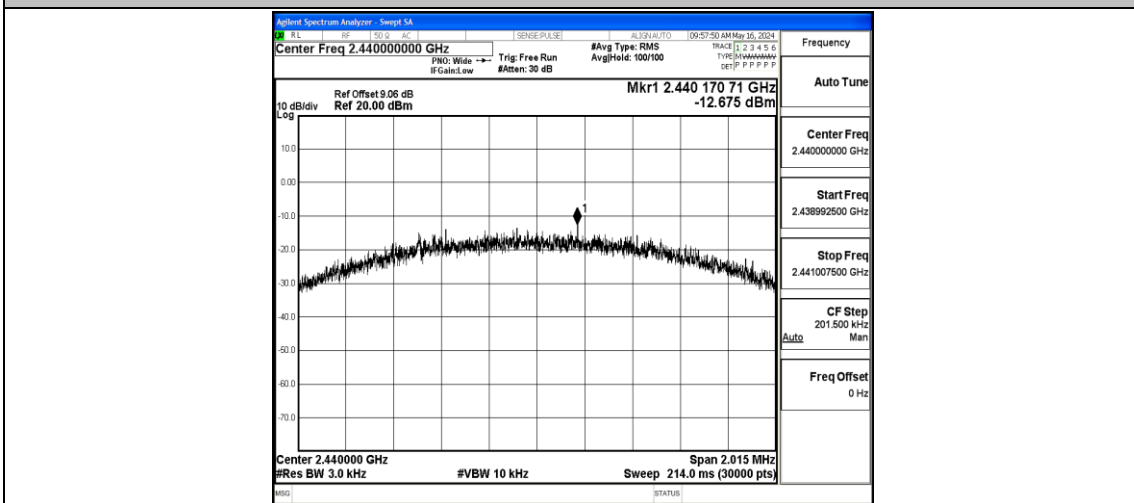
### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-13.79	≤8.00	PASS
SRD	Ant1	2440	-12.68	≤8.00	PASS
SRD	Ant1	2480	-12.72	≤8.00	PASS

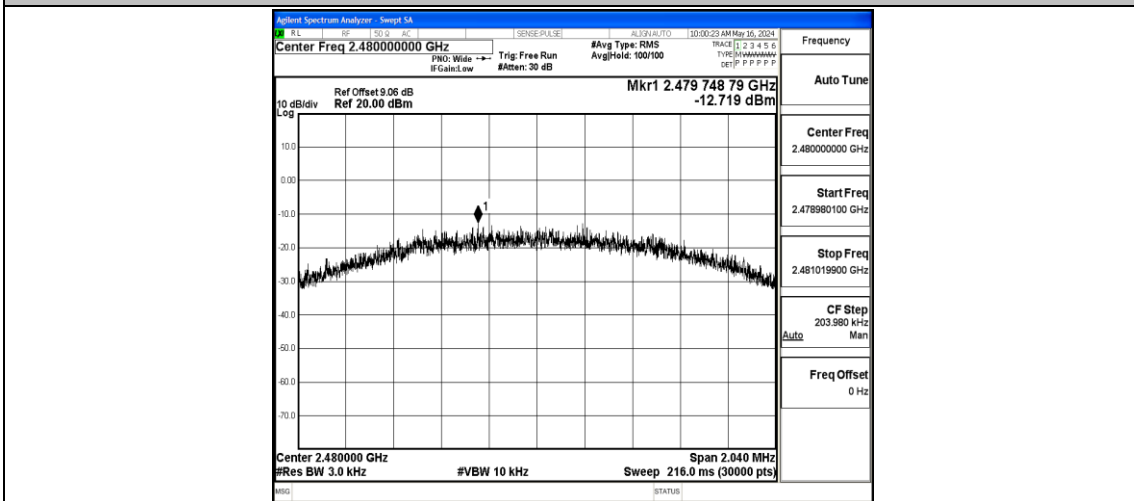
### Test Graphs



SRD-Ant1-2402-PASS



SRD-Ant1-2440-PASS



SRD-Ant1-2480-PASS

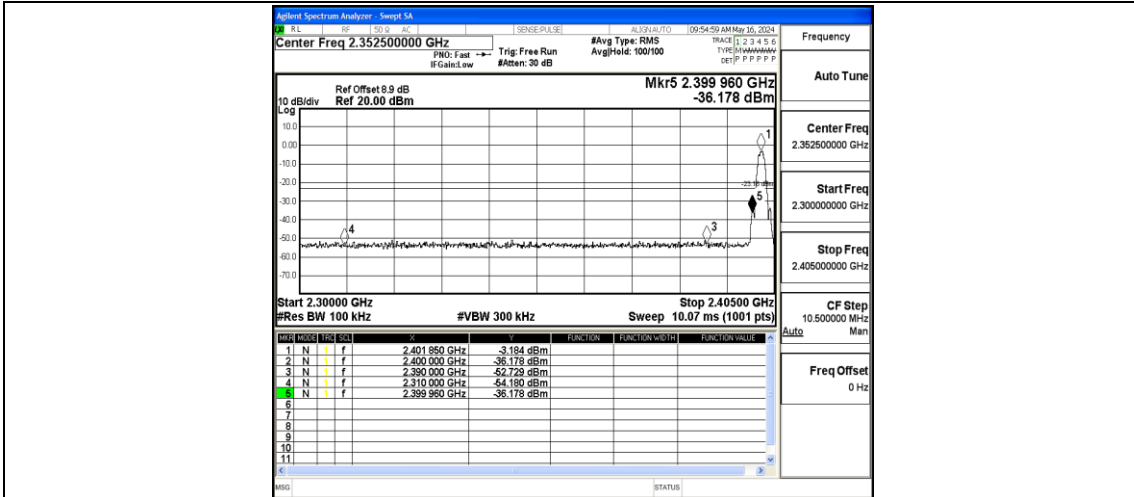


## Appendix E: Band edge measurements

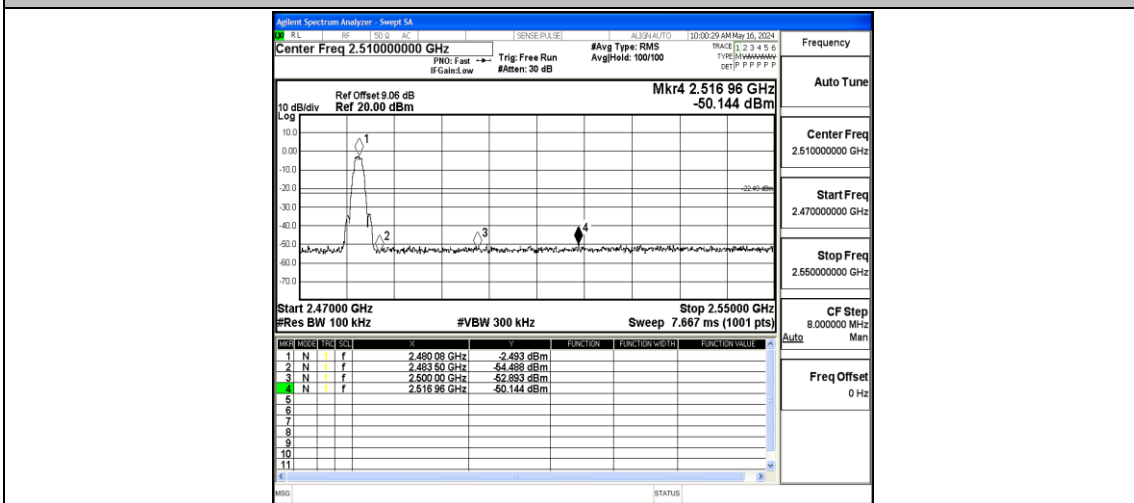
### Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-3.18	-36.18	≤-23.18	PASS
SRD	Ant1	High	2480	-2.49	-50.14	≤-22.49	PASS

### Test Graphs



SRD-Ant1-2402-PASS



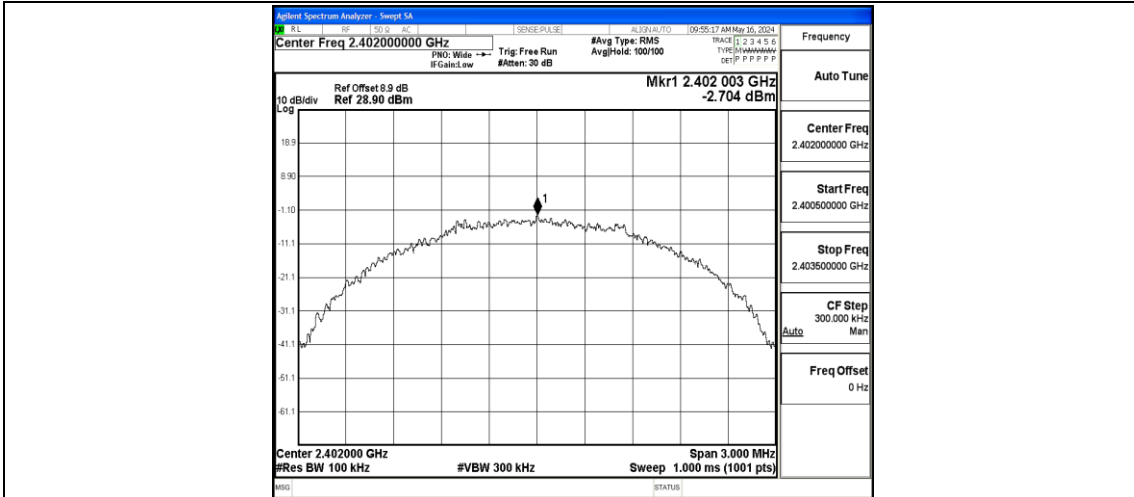
SRD-Ant1-2480-PASS

## Appendix F: Conducted Spurious Emission

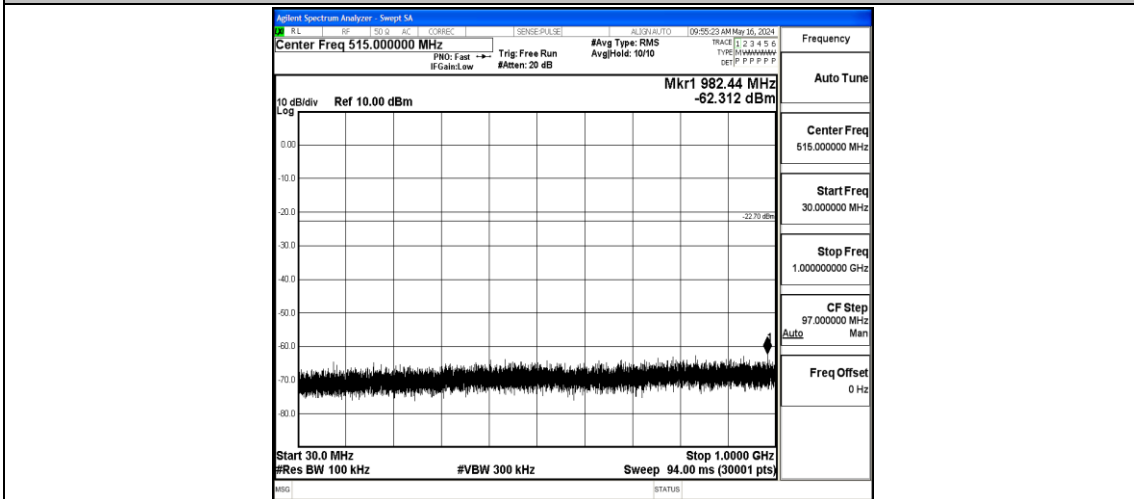
### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	0~Reference	-2.70	-2.70	---	PASS
SRD	Ant1	2402	30~1000	-2.70	-62.31	≤-22.7	PASS
SRD	Ant1	2402	1000~26500	-2.70	-50.39	≤-22.7	PASS
SRD	Ant1	2440	0~Reference	-2.77	-2.77	---	PASS
SRD	Ant1	2440	30~1000	-2.77	-61.99	≤-22.77	PASS
SRD	Ant1	2440	1000~26500	-2.77	-50.07	≤-22.77	PASS
SRD	Ant1	2480	0~Reference	-2.91	-2.91	---	PASS
SRD	Ant1	2480	30~1000	-2.91	-62.76	≤-22.91	PASS
SRD	Ant1	2480	1000~26500	-2.91	-49.05	≤-22.91	PASS

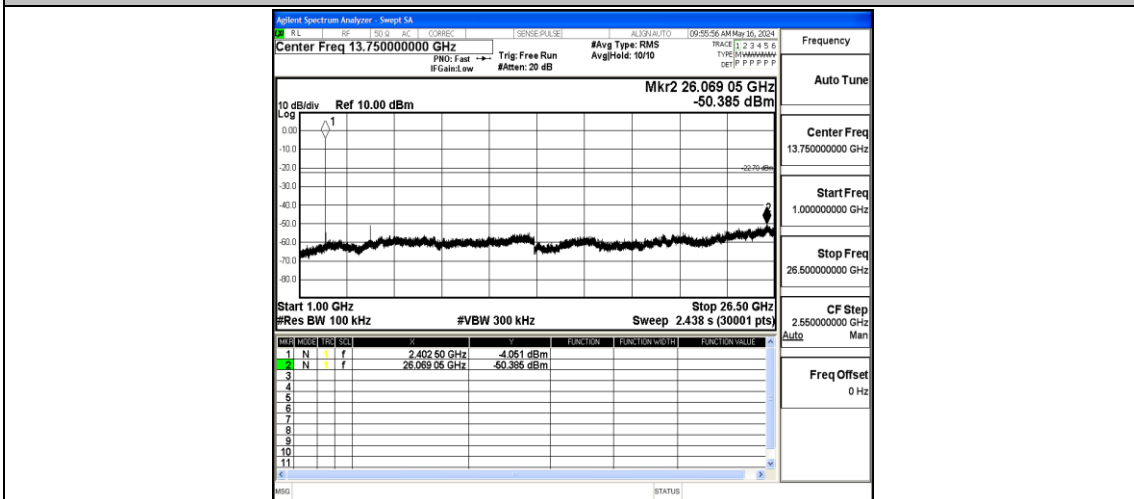
### Test Graphs



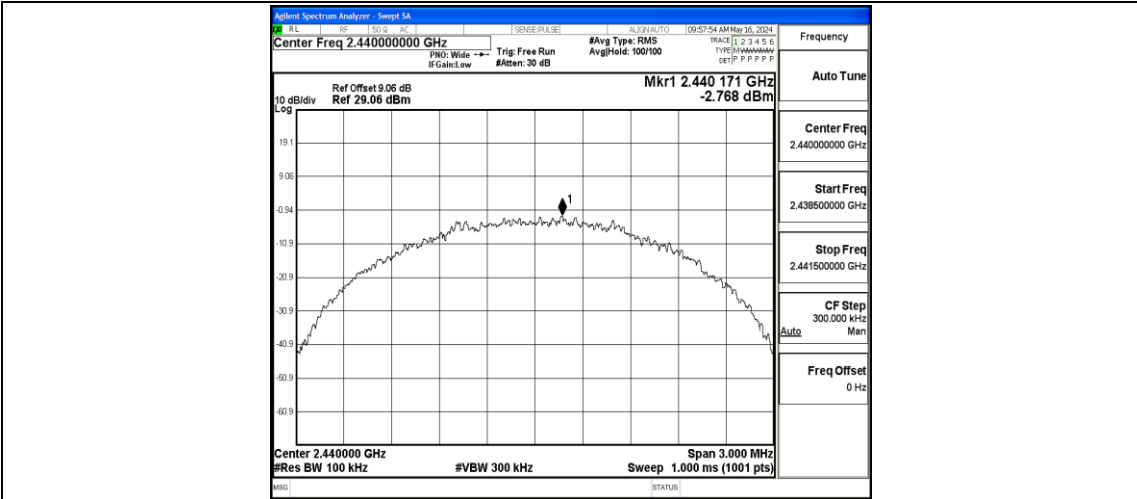
SRD-Ant1-2402-0~Reference-PASS



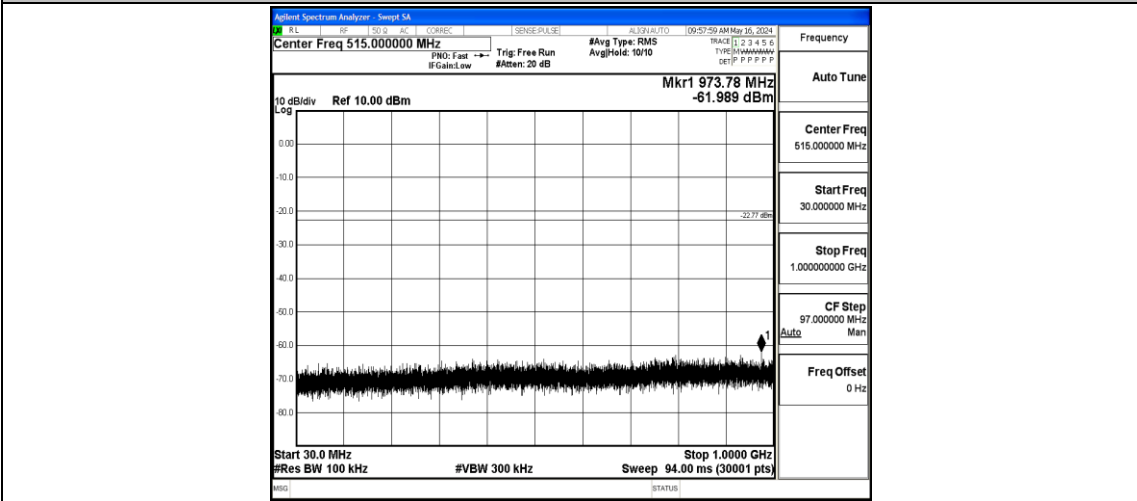
SRD-Ant1-2402-30~1000-PASS



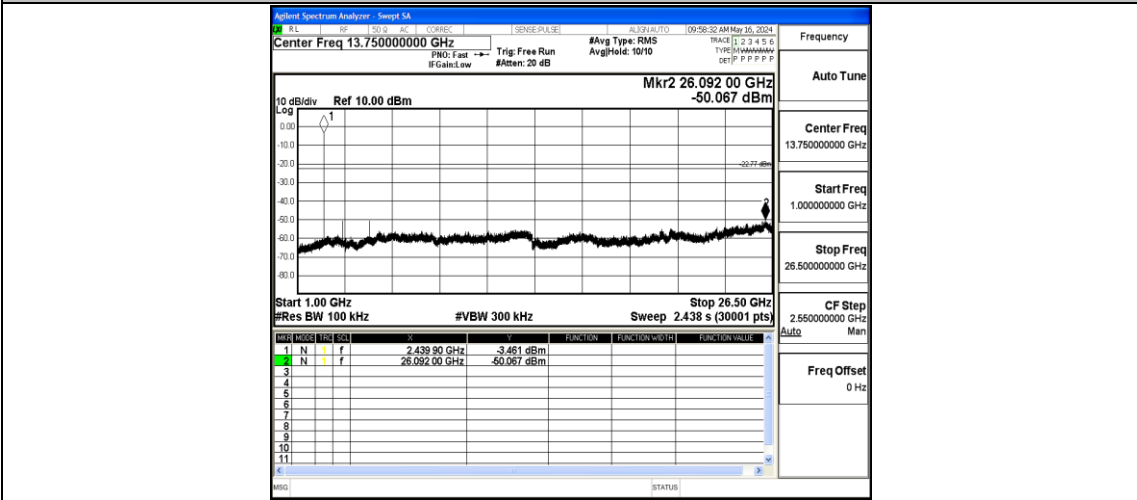
SRD-Ant1-2402-1000~26500-PASS



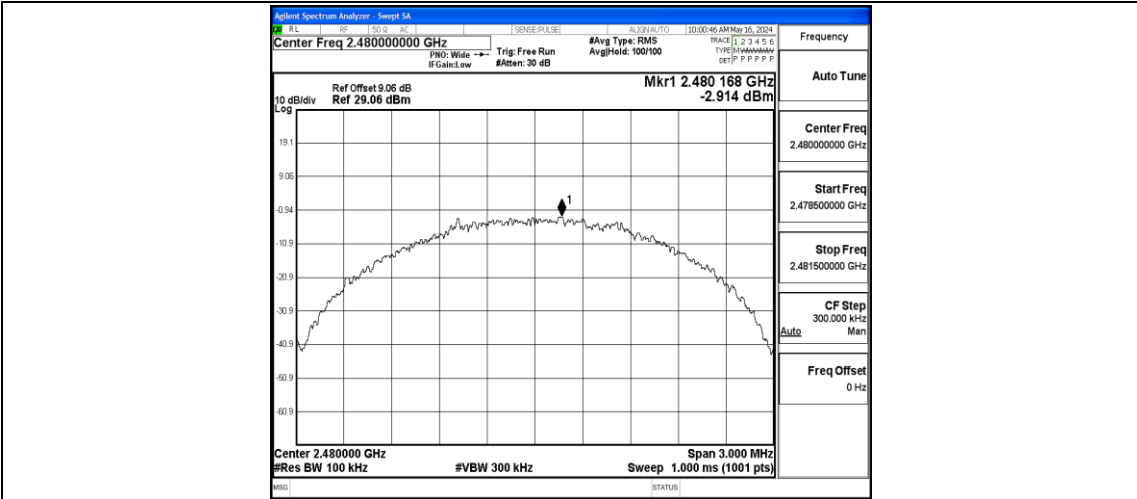
SRD-Ant1-2440-0~Reference-PASS



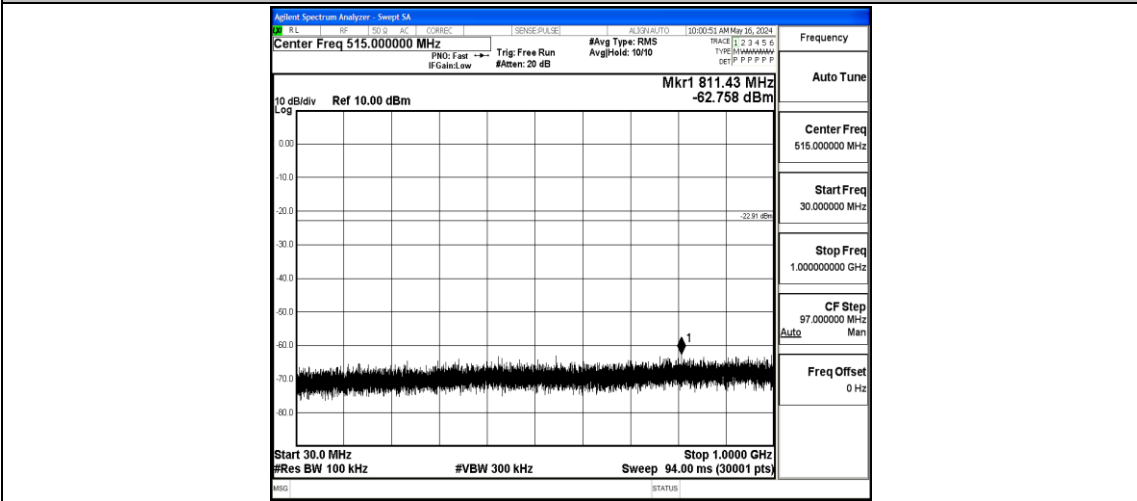
SRD-Ant1-2440-30~1000-PASS



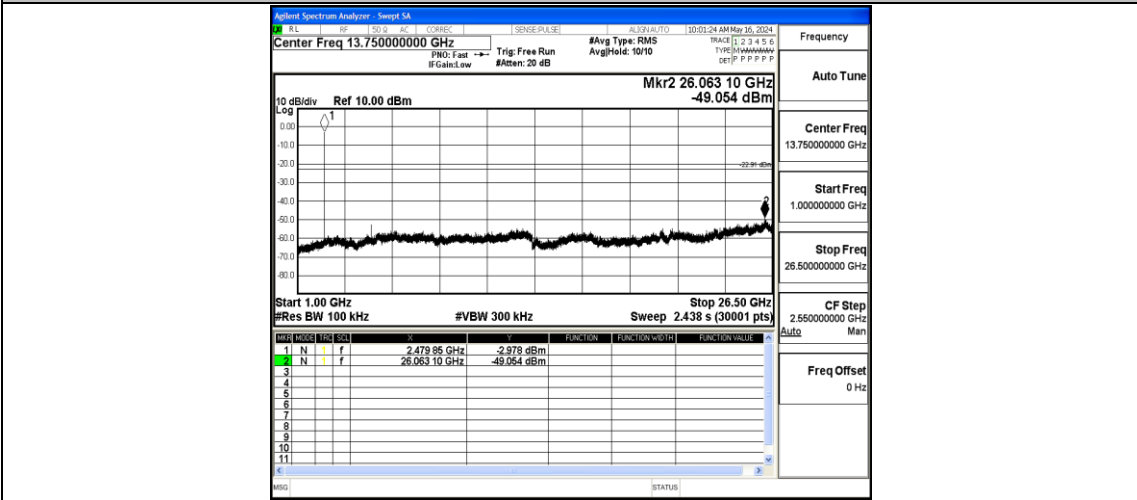
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2480-0~Reference-PASS



SRD-Ant1-2480-30~1000-PASS



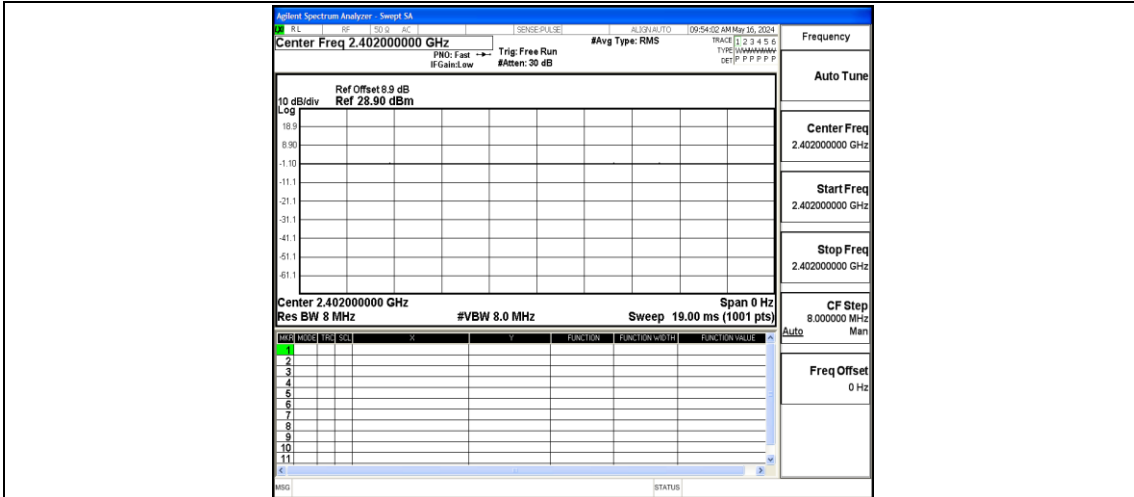
SRD-Ant1-2480-1000~26500-PASS

## Appendix G: Duty Cycle

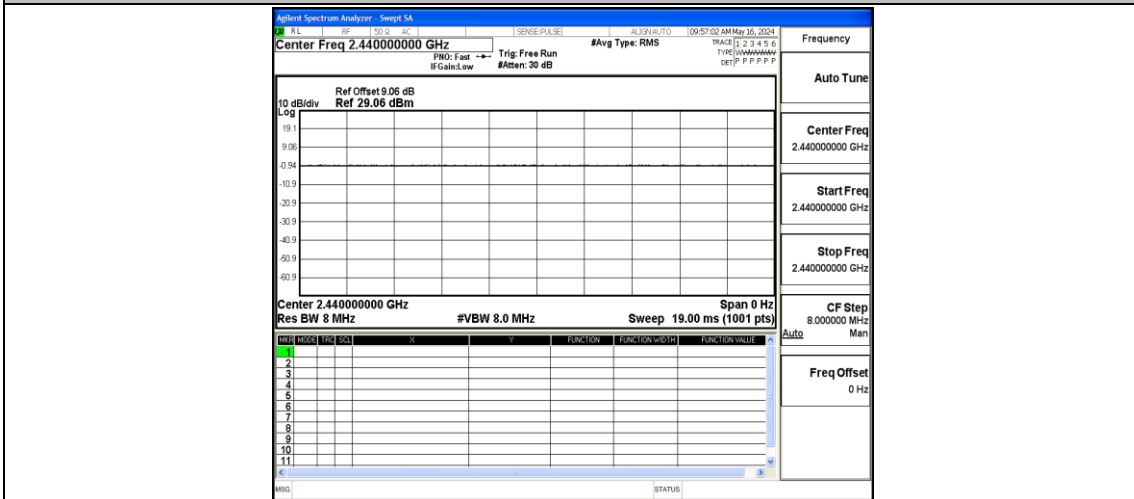
### Test Result

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

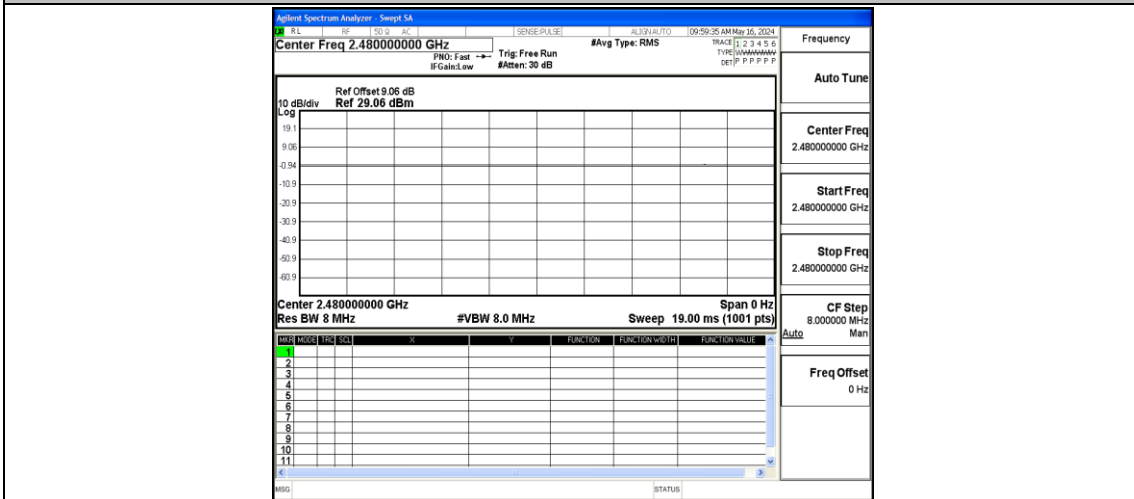
### Test Graphs



NTNV-SRD-Ant1-2402



NTNV-SRD-Ant1-2440



NTNV-SRD-Ant1-2480