

Appendix Test Data for SRD (Conducted Measurement)

Product Name: ELECTRIC TOYS

Trade Mark: N/A

Test Model: 128A-41

FCC ID: 2BA3U654321

Environmental Conditions

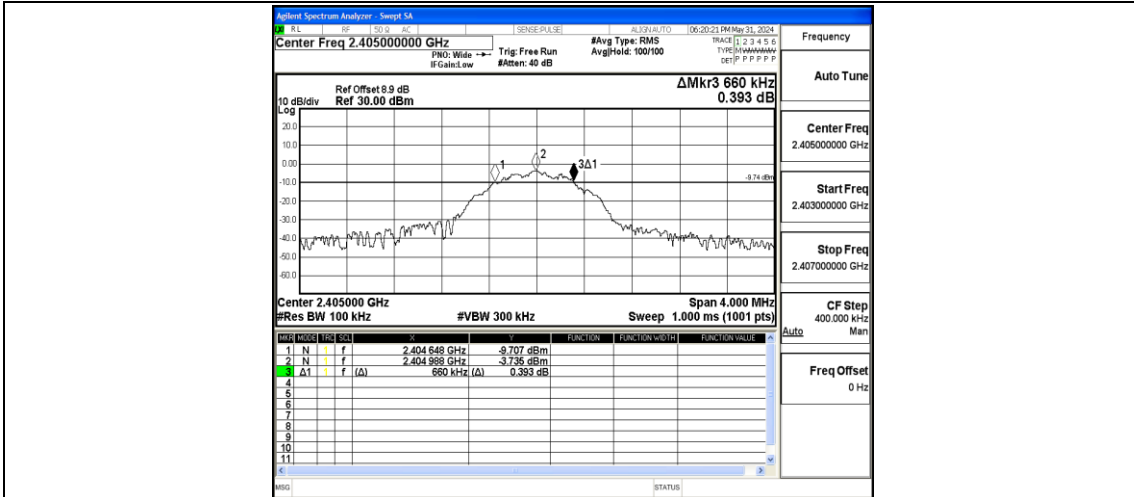
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

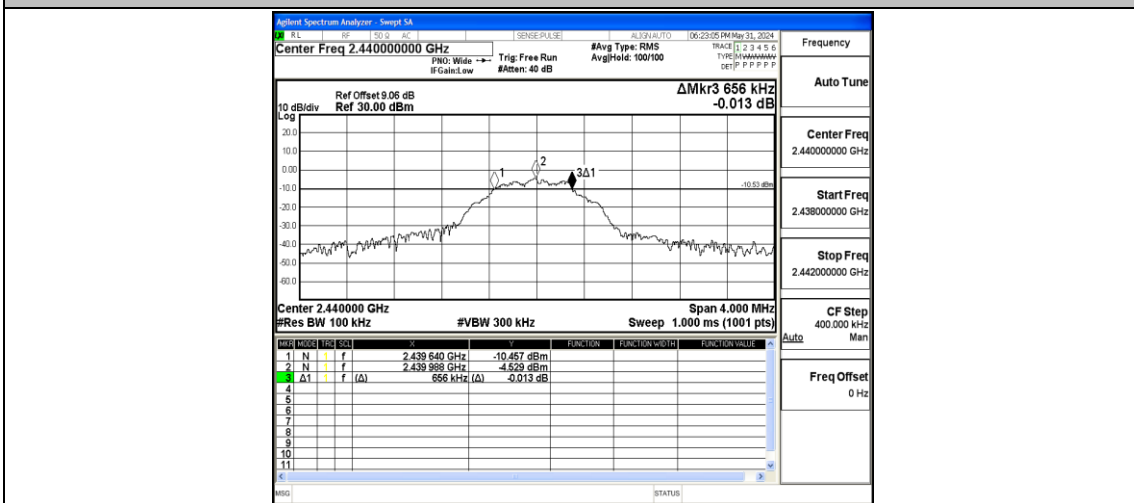
Test Result

TestMode	Antenna	Frequency MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	0.660	2404.648	2405.308	0.5	PASS
SRD	Ant1	2440	0.656	2439.640	2440.296	0.5	PASS
SRD	Ant1	2475	0.696	2474.632	2475.328	0.5	PASS

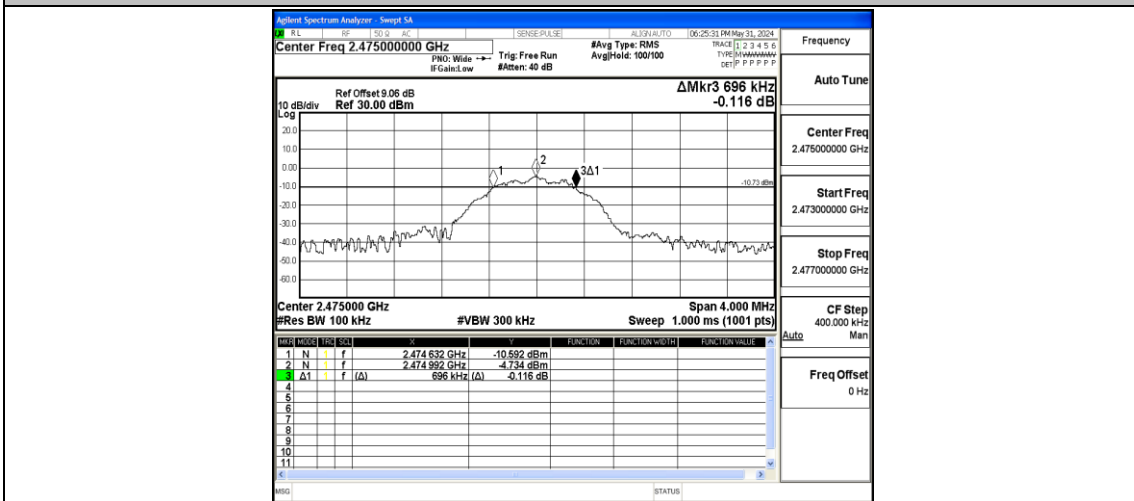
Test Graphs



SRD-Ant1-2405-PASS



SRD-Ant1-2440-PASS



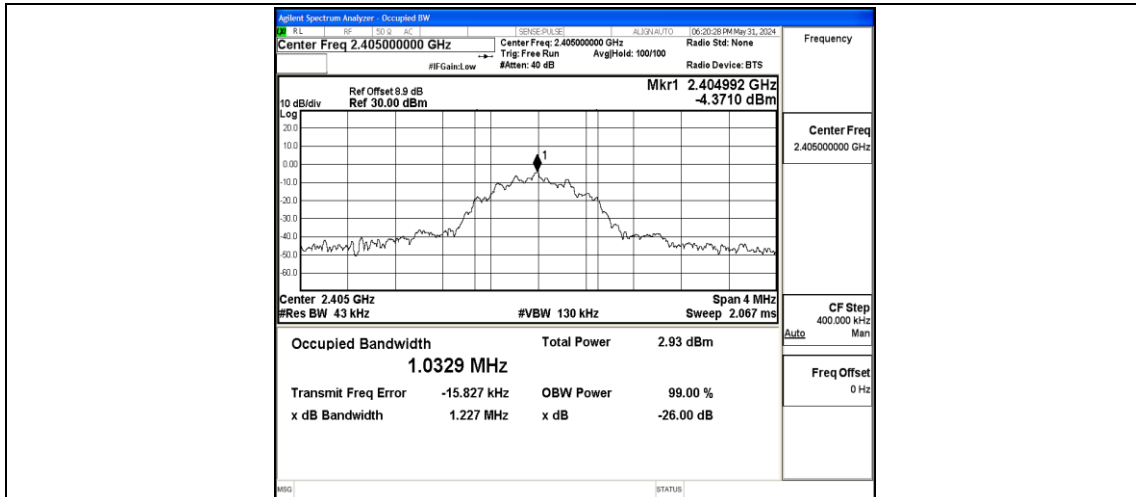
SRD-Ant1-2475-PASS

Appendix B: Occupied Channel Bandwidth

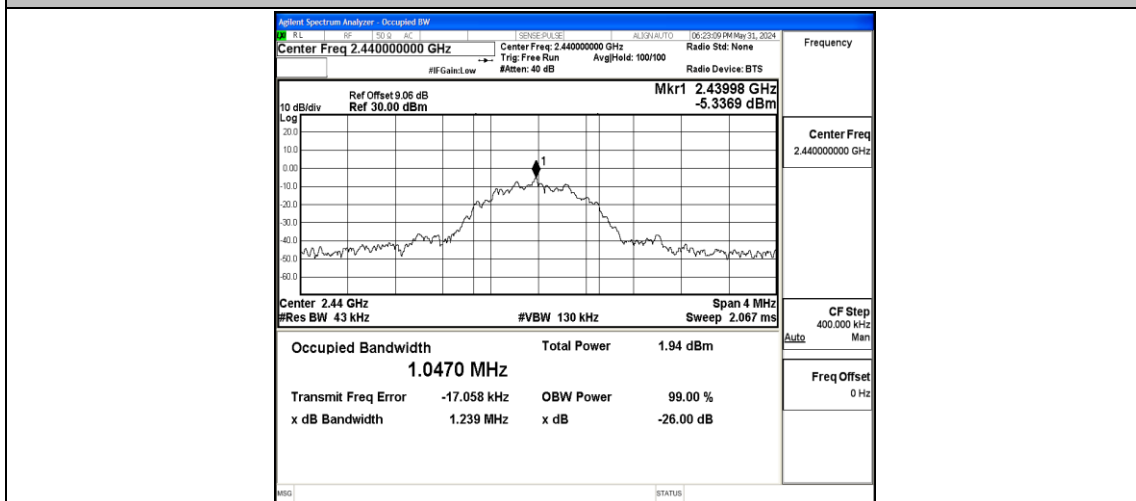
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	1.0329	2404.4677	2405.5006	---	---
SRD	Ant1	2440	1.0470	2439.4594	2440.5064	---	---
SRD	Ant1	2475	1.0559	2474.4536	2475.5095	---	---

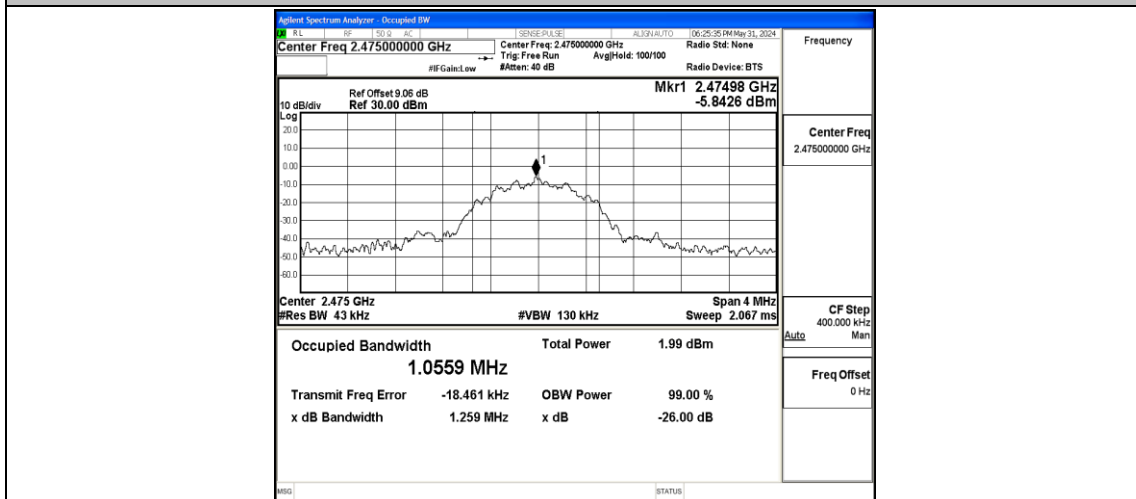
Test Graphs



SRD-Ant1-2405



SRD-Ant1-2440



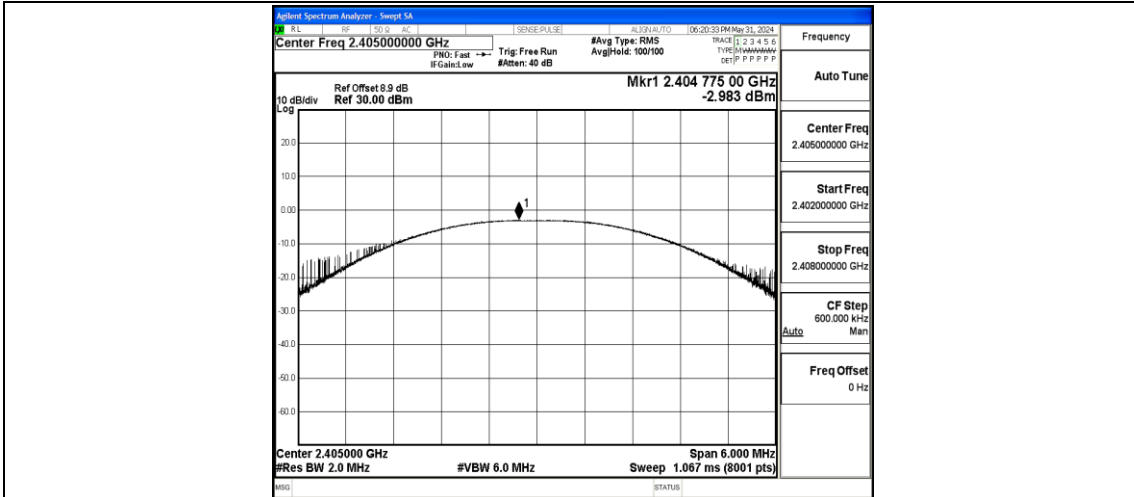
SRD-Ant1-2475

Appendix C: Maximum peak conducted output power

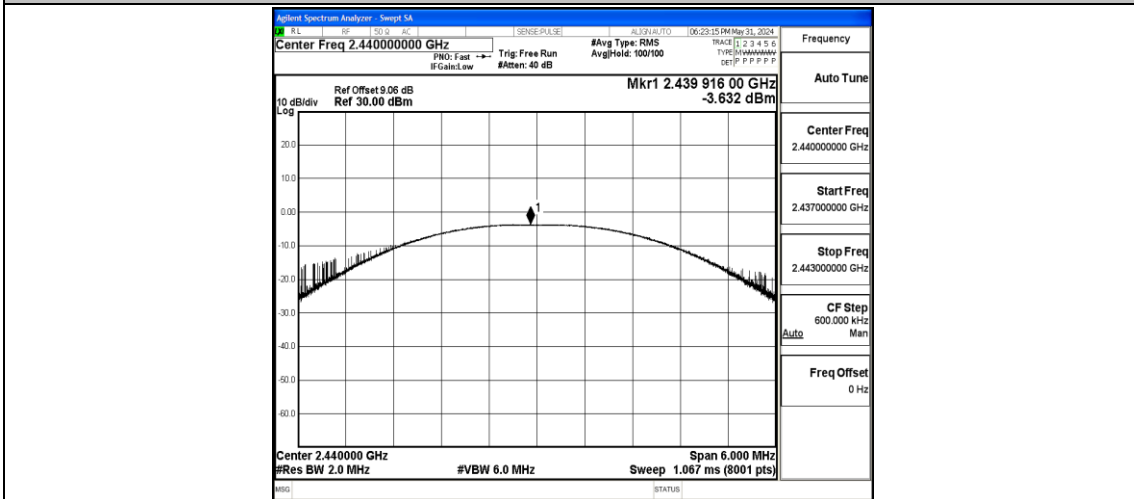
Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2405	-2.98	≤30	PASS
SRD	Ant1	2440	-3.63	≤30	PASS
SRD	Ant1	2475	-3.91	≤30	PASS

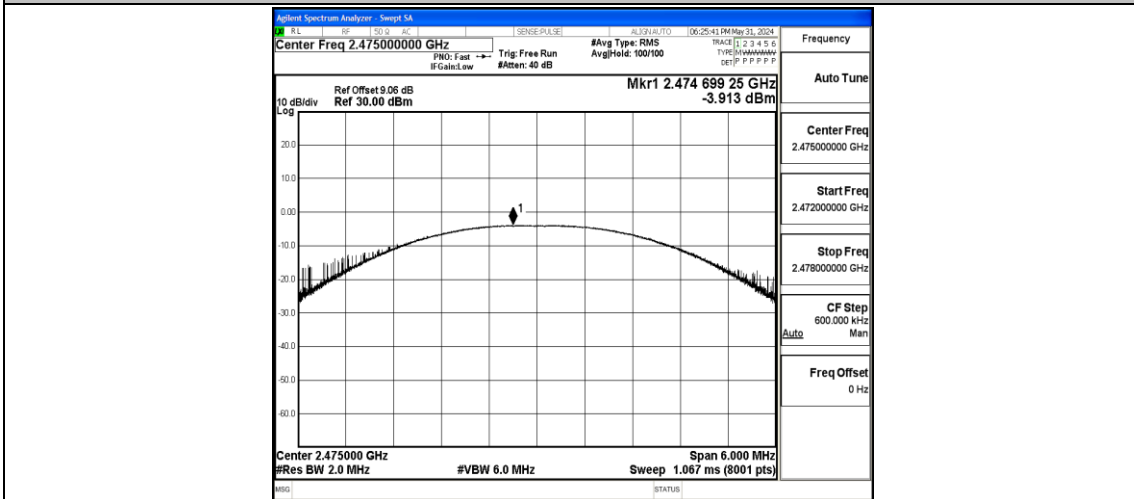
Test Graphs Peak



SRD-Ant1-2405-PASS



SRD-Ant1-2440-PASS



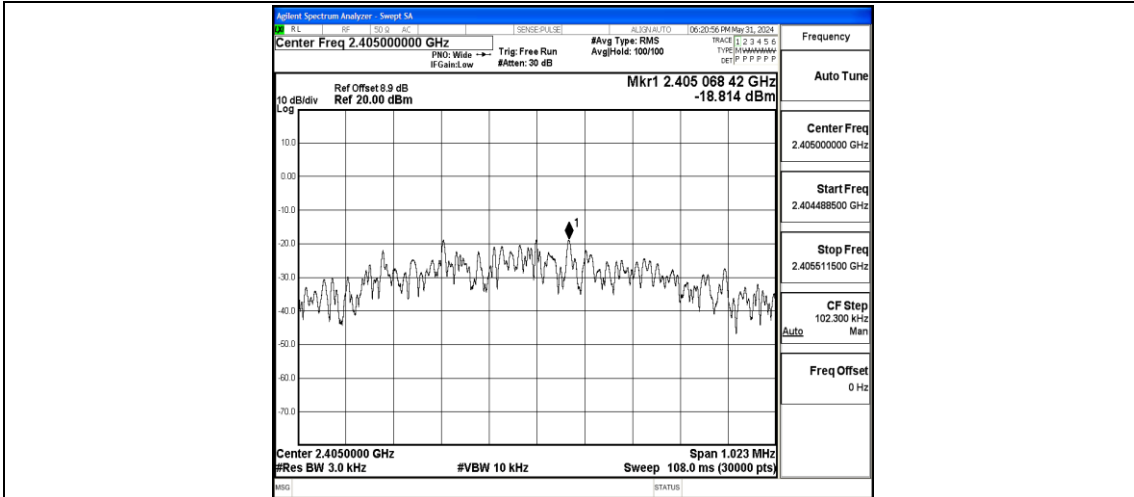
SRD-Ant1-2475-PASS

Appendix D: Maximum peak power spectral density

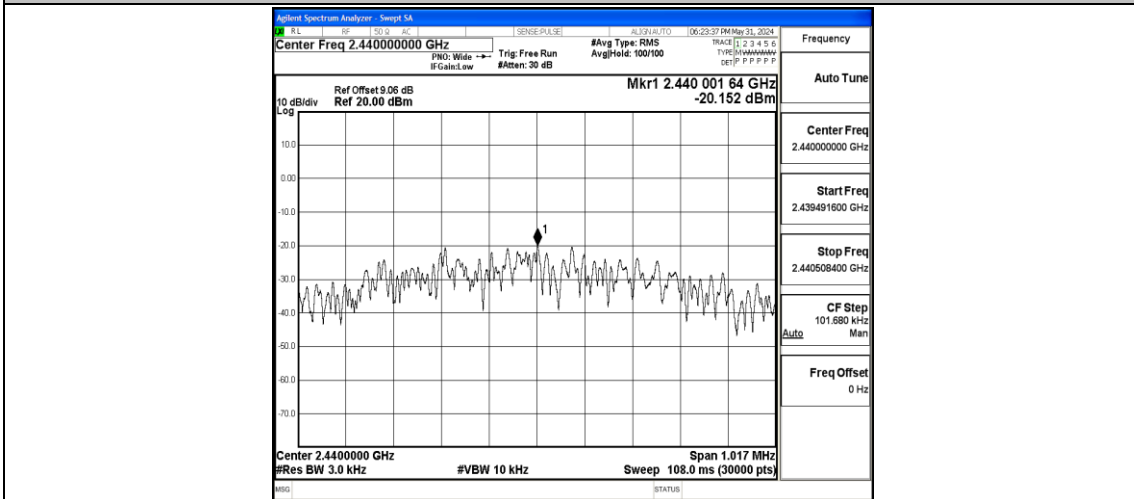
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2405	-18.81	≤8.00	PASS
SRD	Ant1	2440	-20.15	≤8.00	PASS
SRD	Ant1	2475	-20.42	≤8.00	PASS

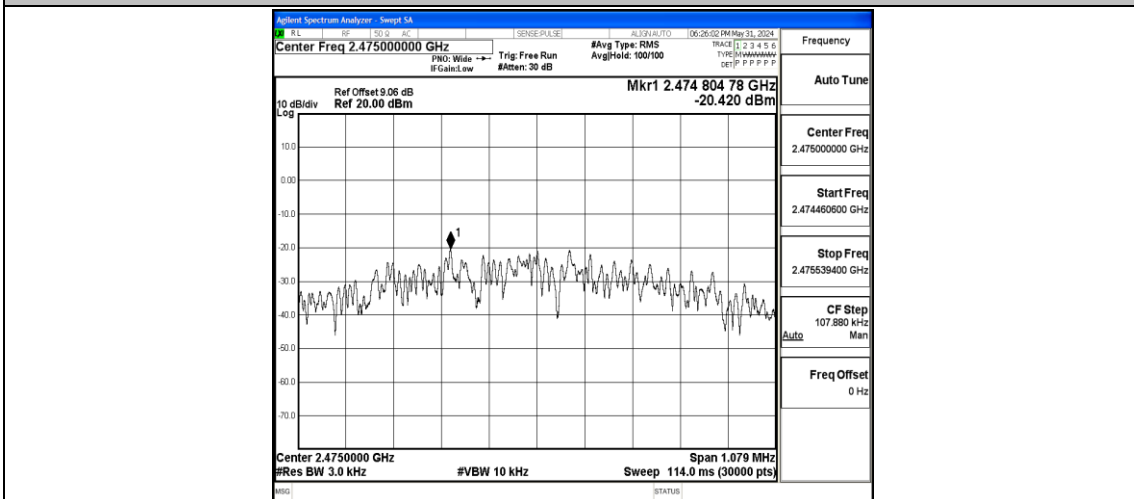
Test Graphs



SRD-Ant1-2405-PASS



SRD-Ant1-2440-PASS



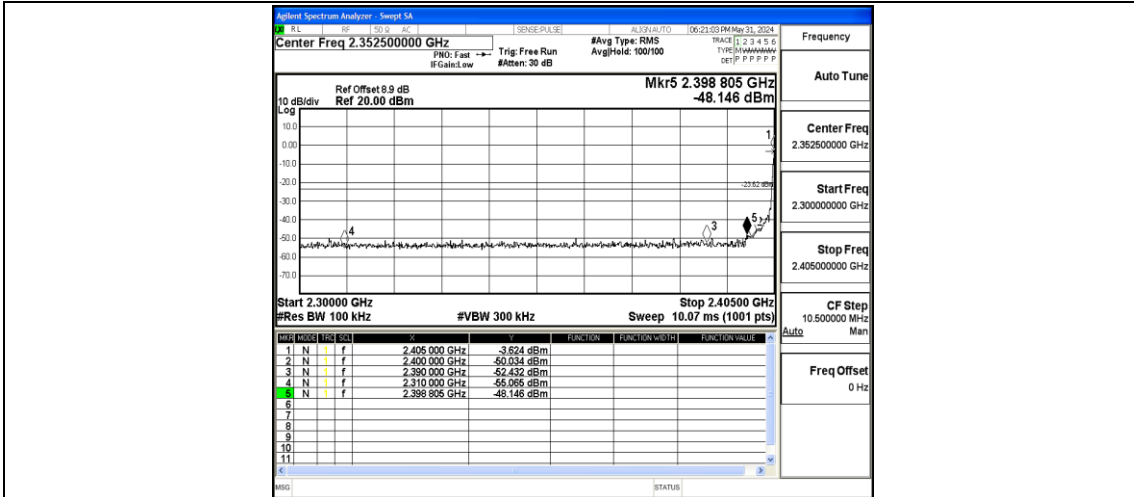
SRD-Ant1-2475-PASS

Appendix E: Band edge measurements

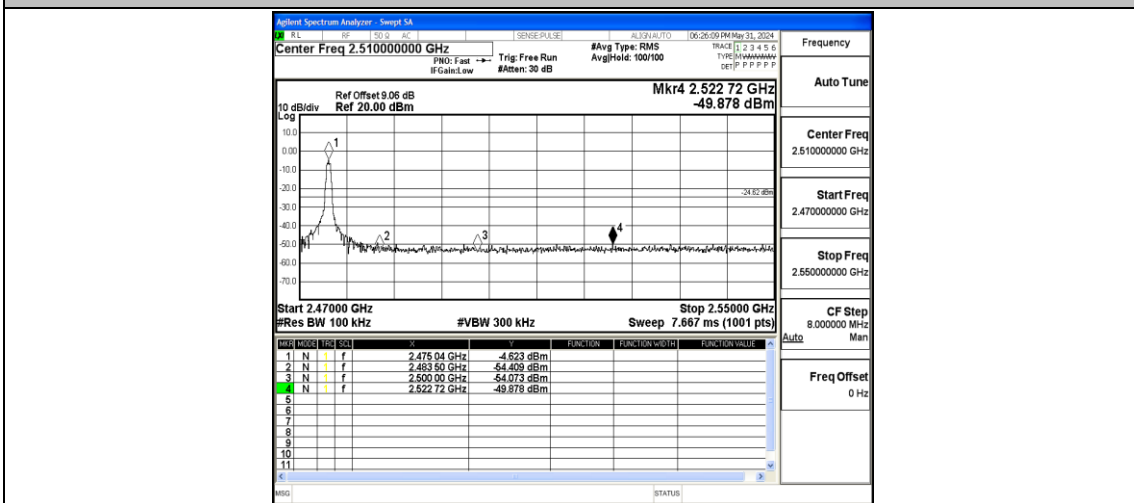
Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	-3.62	-48.15	≤-23.62	PASS
SRD	Ant1	High	2475	-4.62	-49.88	≤-24.62	PASS

Test Graphs



SRD-Ant1-2405-PASS



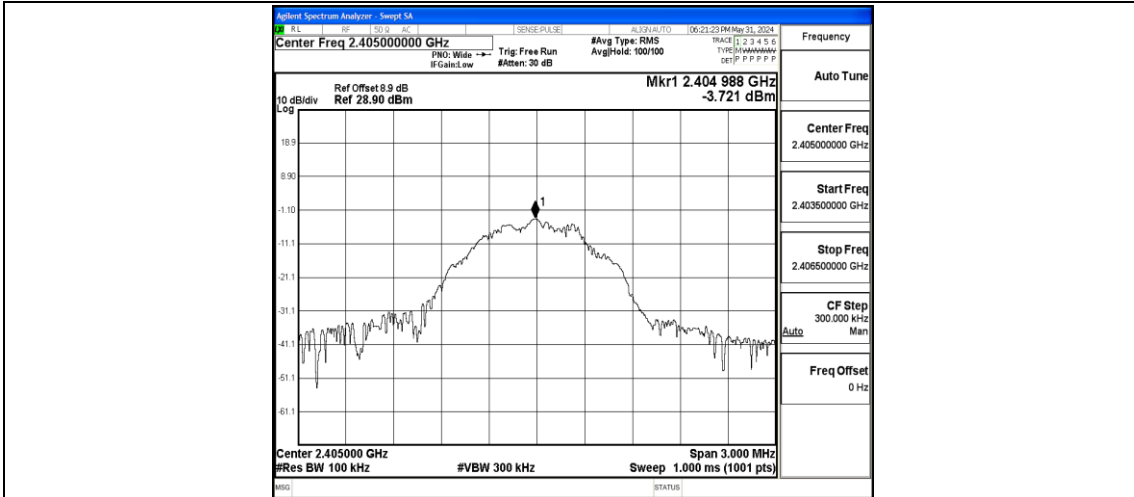
SRD-Ant1-2475-PASS

Appendix F: Conducted Spurious Emission

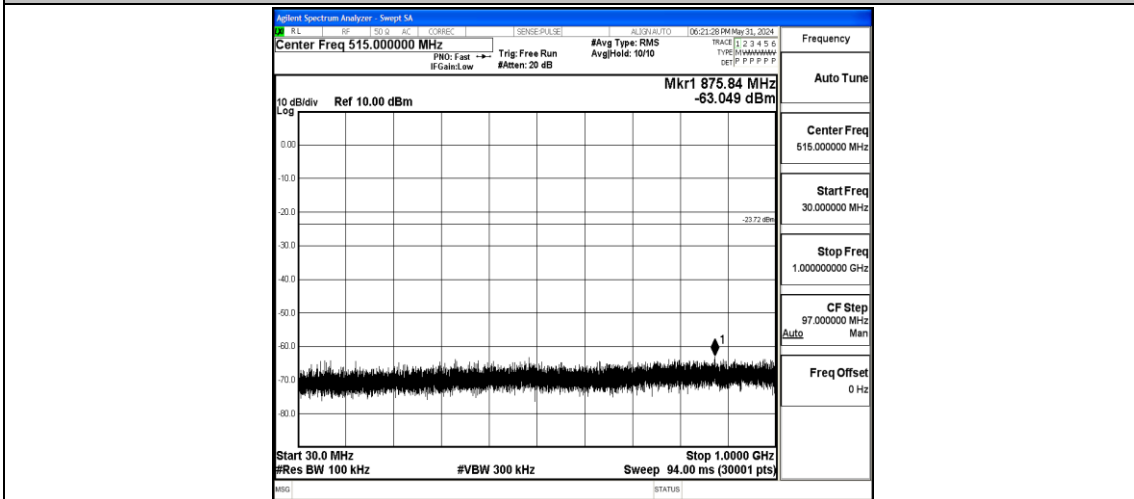
Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2405	0~Reference	-3.72	-3.72	---	PASS
SRD	Ant1	2405	30~1000	-3.72	-63.05	≤-23.72	PASS
SRD	Ant1	2405	1000~26500	-3.72	-50.92	≤-23.72	PASS
SRD	Ant1	2440	0~Reference	-4.48	-4.48	---	PASS
SRD	Ant1	2440	30~1000	-4.48	-63.02	≤-24.48	PASS
SRD	Ant1	2440	1000~26500	-4.48	-50.07	≤-24.48	PASS
SRD	Ant1	2475	0~Reference	-4.70	-4.70	---	PASS
SRD	Ant1	2475	30~1000	-4.70	-62.01	≤-24.7	PASS
SRD	Ant1	2475	1000~26500	-4.70	-50.35	≤-24.7	PASS

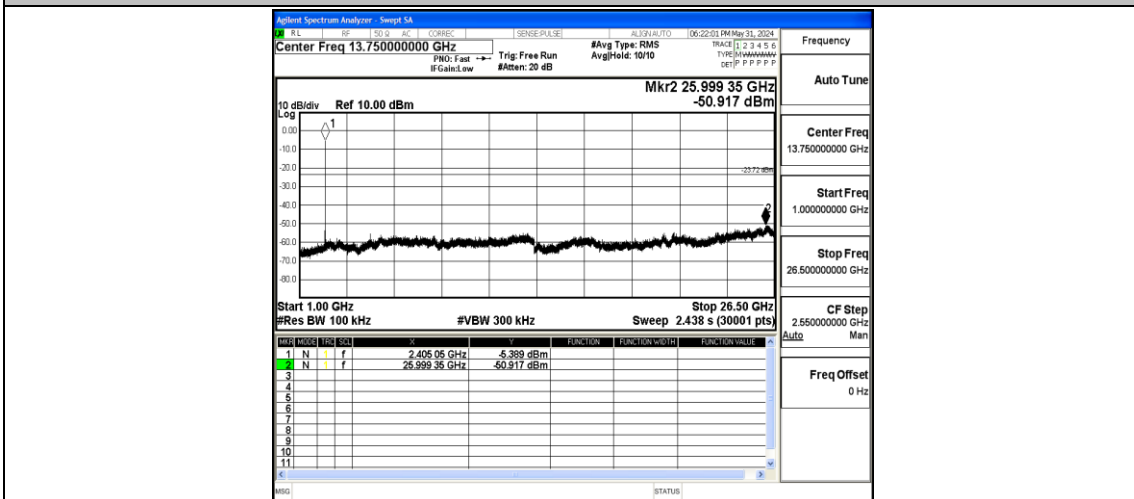
Test Graphs



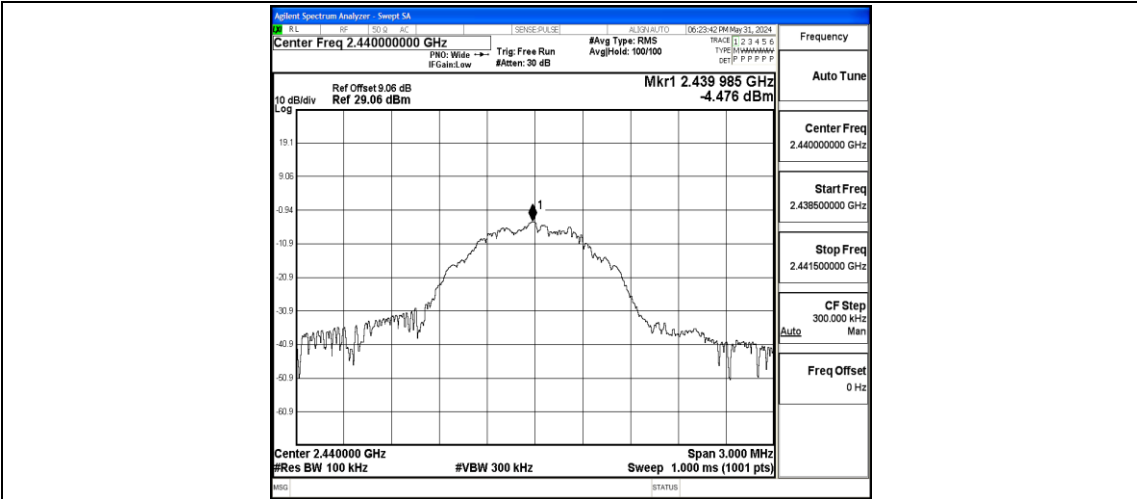
SRD-Ant1-2405-0~Reference-PASS



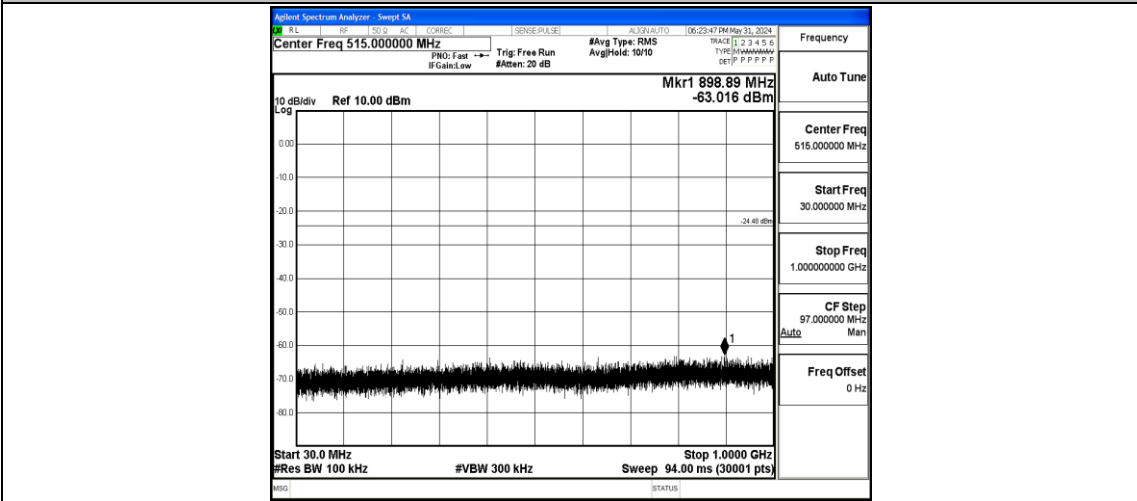
SRD-Ant1-2405-30~1000-PASS



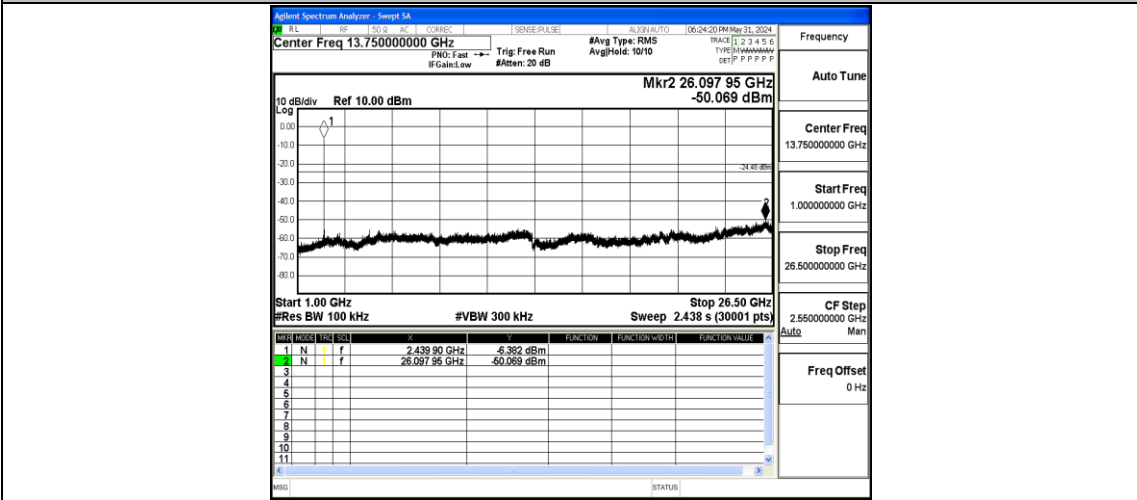
SRD-Ant1-2405-1000~26500-PASS



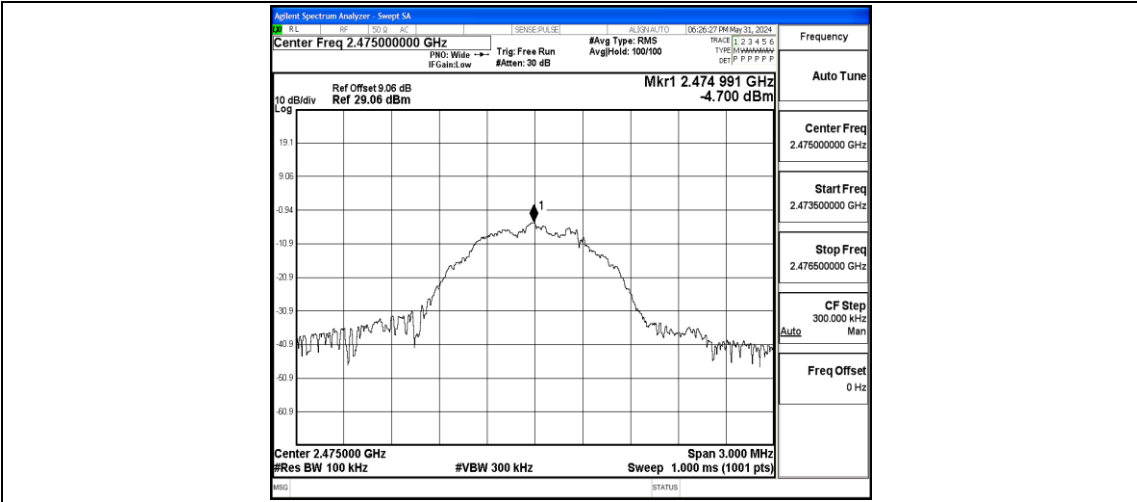
SRD-Ant1-2440-0~Reference-PASS



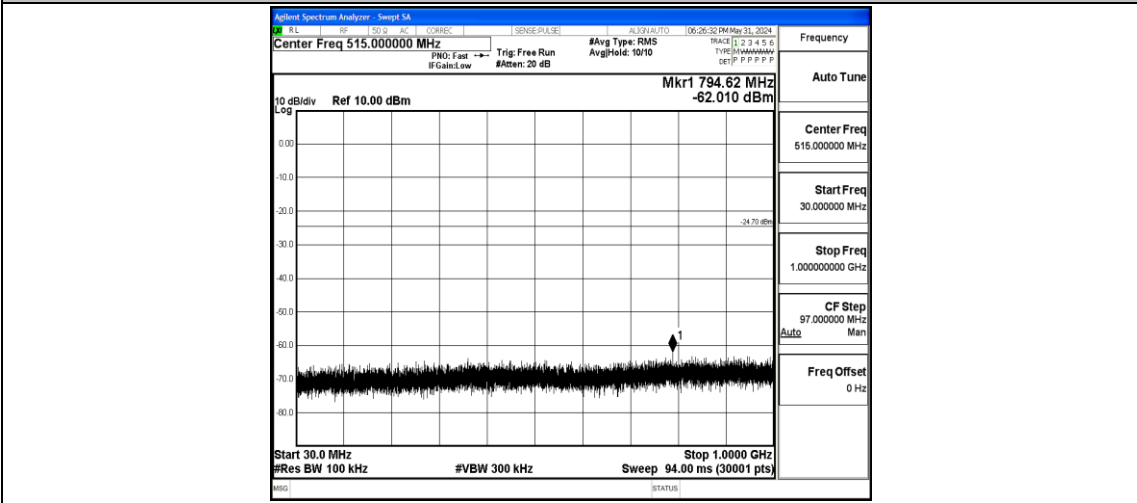
SRD-Ant1-2440-30~1000-PASS



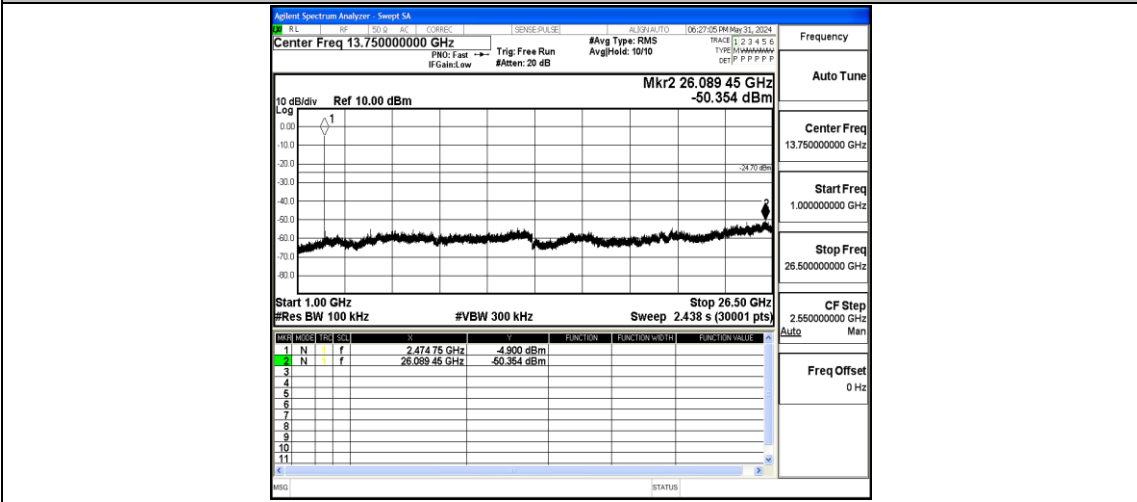
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2475-0~Reference-PASS



SRD-Ant1-2475-30~1000-PASS



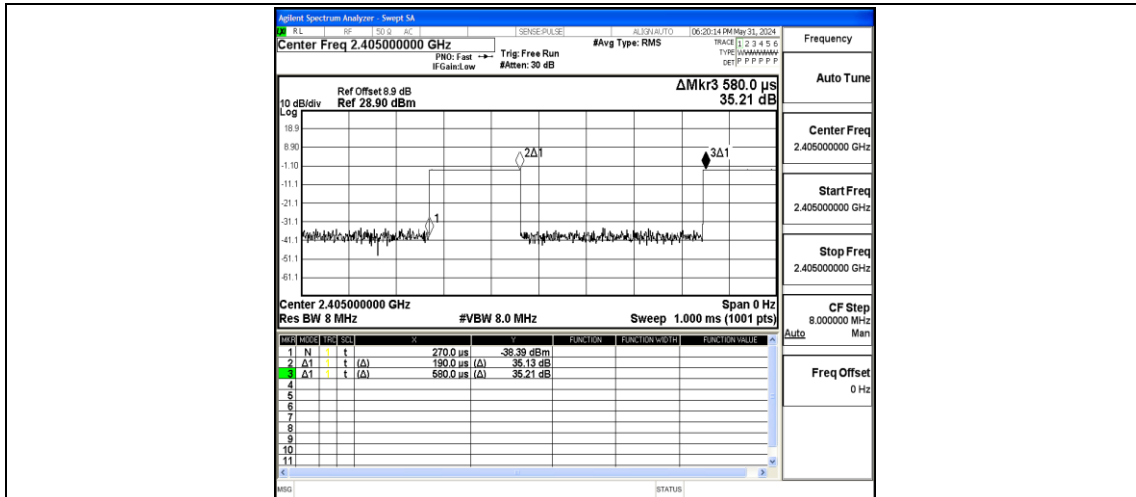
SRD-Ant1-2475-1000~26500-PASS

Appendix G: Duty Cycle

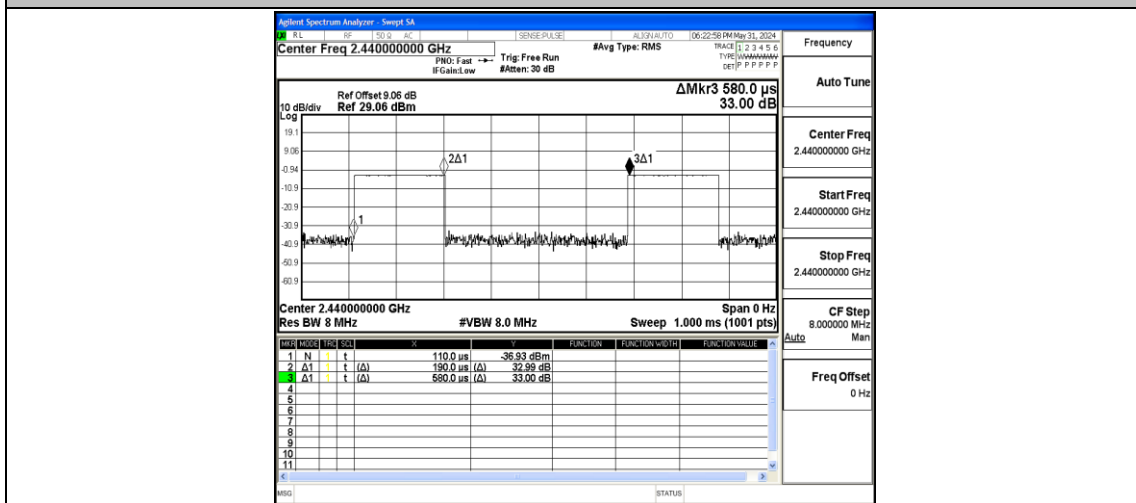
Test Result

TestMode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
SRD	Ant1	2405	0.19	0.58	32.76	4.85
SRD	Ant1	2440	0.19	0.58	32.76	4.85
SRD	Ant1	2475	0.19	0.58	32.76	4.85

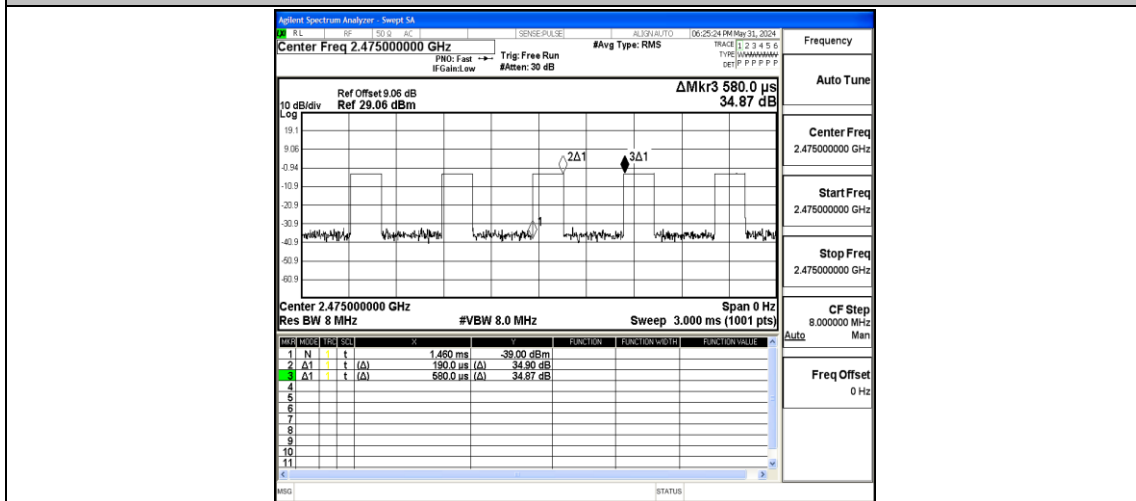
Test Graphs



NTNV-SRD-Ant1-2405



NTNV-SRD-Ant1-2440



NTNV-SRD-Ant1-2475