

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Spray Spider Toy

Trade Mark: /

Test Model: DE80

FCC ID: 2AJ55DE80

Environmental Conditions

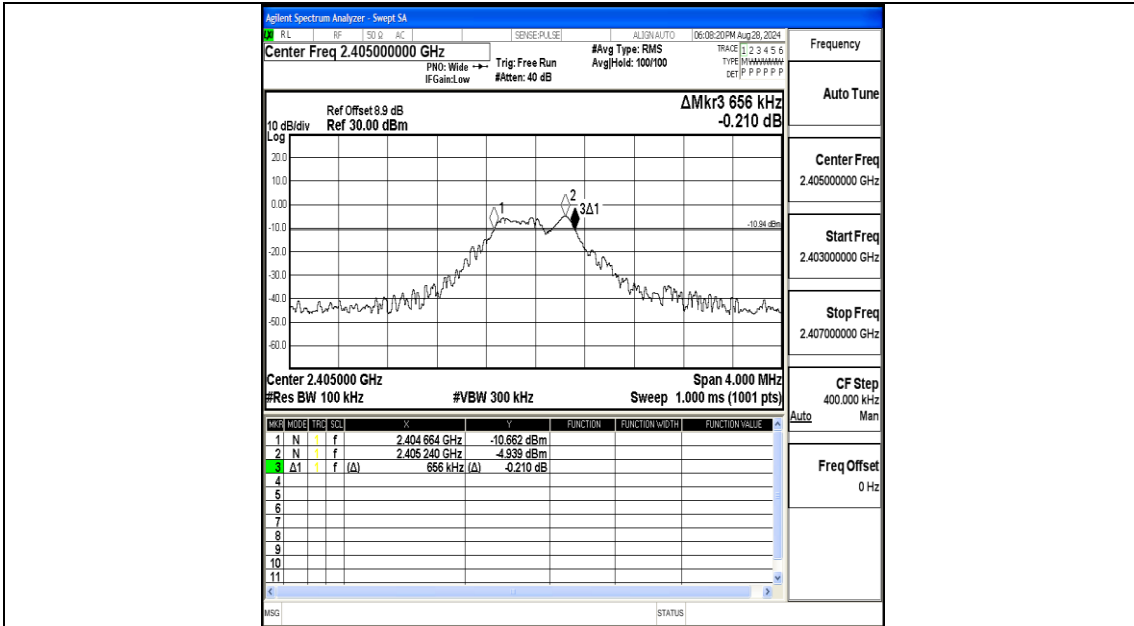
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

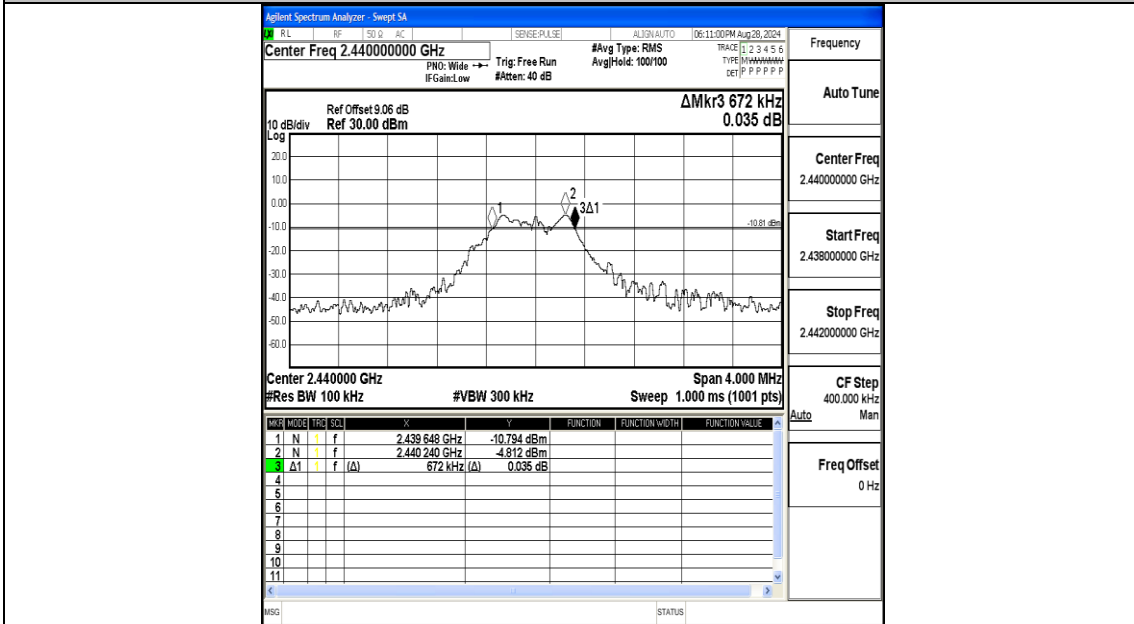
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	0.656	2404.664	2405.320	0.5	PASS
SRD	Ant1	2440	0.672	2439.648	2440.320	0.5	PASS
SRD	Ant1	2475	0.652	2474.664	2475.316	0.5	PASS

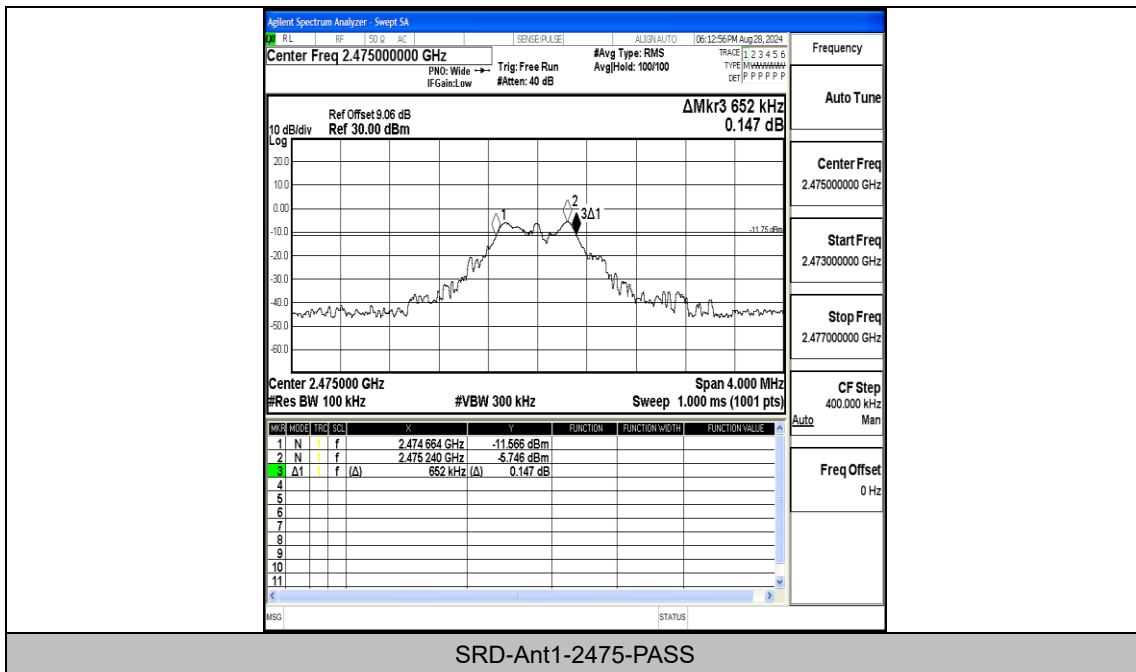
Test Graphs



SRD-Ant1-2405-PASS



SRD-Ant1-2440-PASS

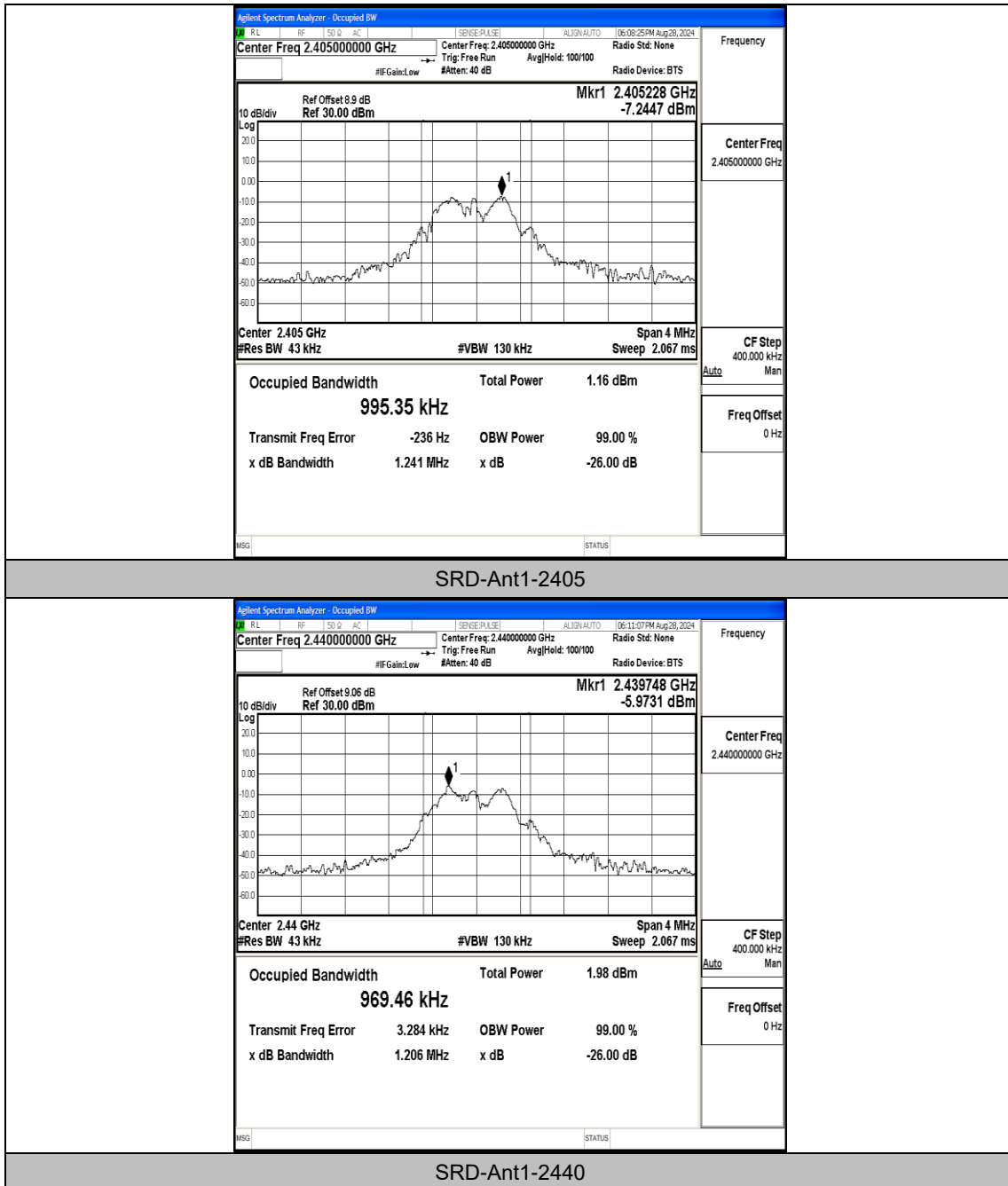


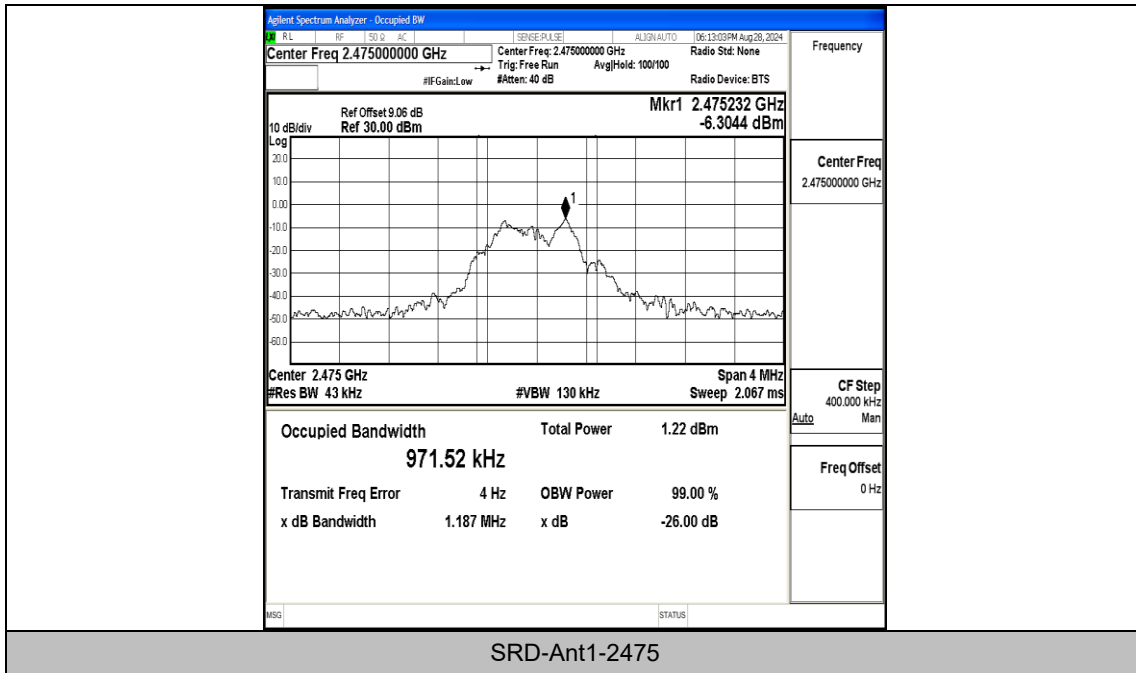
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	0.99535	2404.5021	2405.4974	---	---
SRD	Ant1	2440	0.96946	2439.5186	2440.4880	---	---
SRD	Ant1	2475	0.97152	2474.5142	2475.4858	---	---

Test Graphs



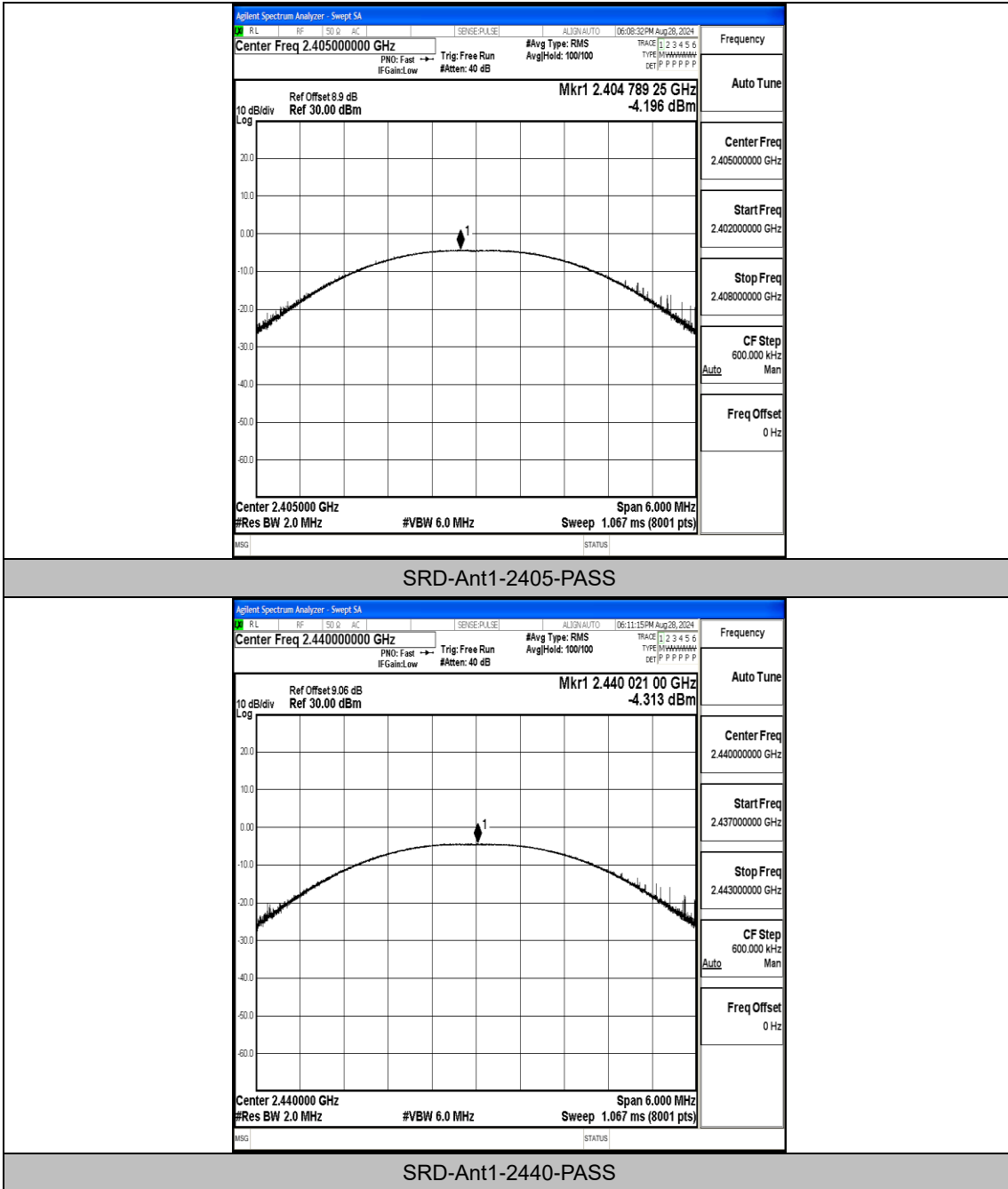


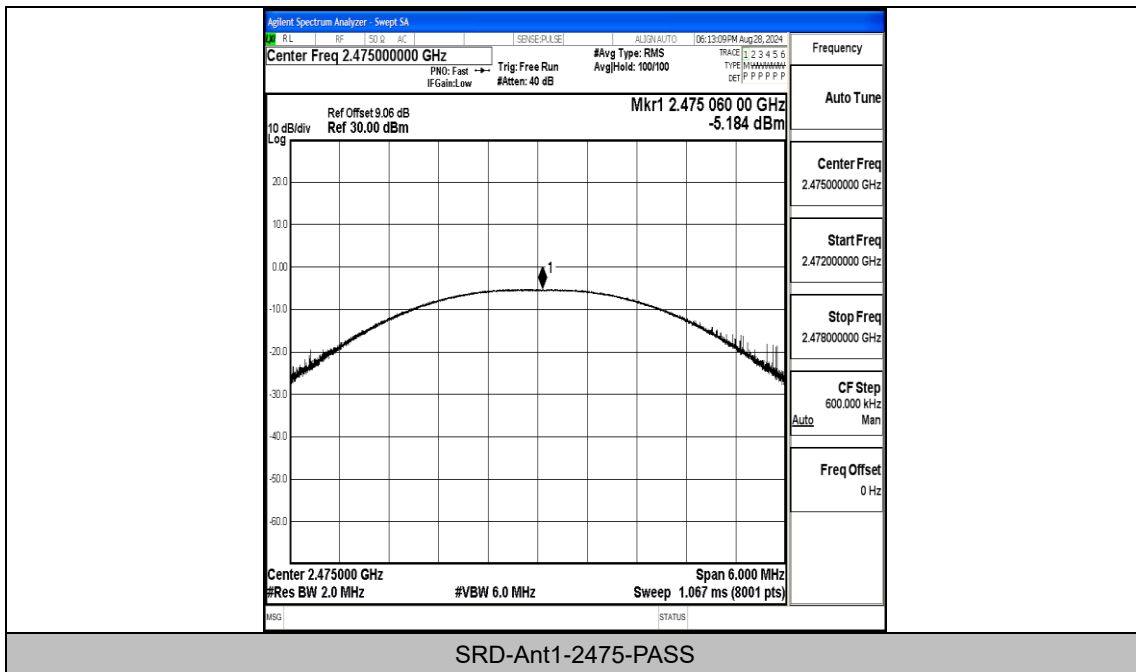
Appendix C: Maximum peak conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2405	-4.20	≤30	PASS
SRD	Ant1	2440	-4.31	≤30	PASS
SRD	Ant1	2475	-5.18	≤30	PASS

Test Graphs Peak



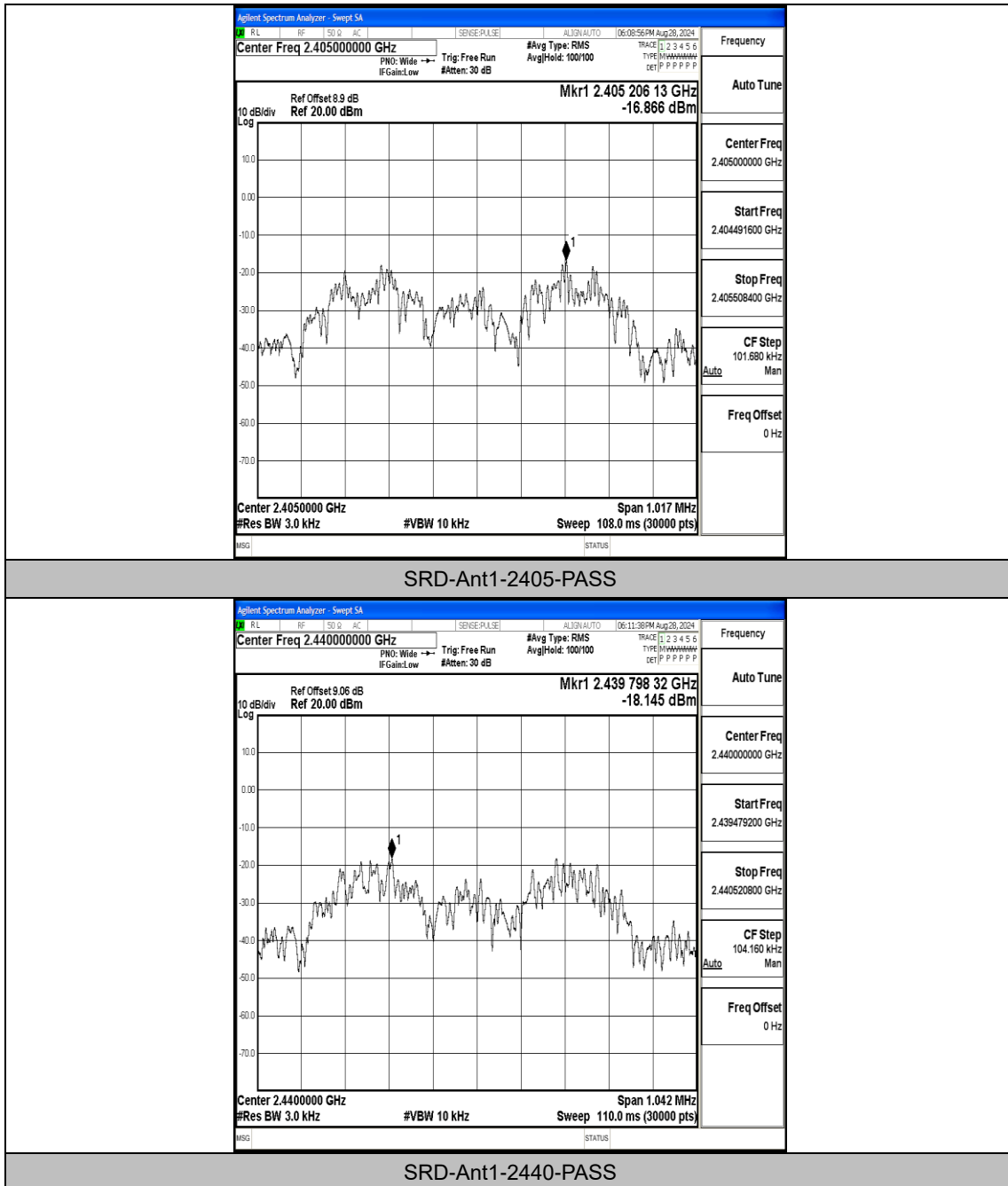


Appendix D: Maximum peak power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2405	-16.87	≤8.00	PASS
SRD	Ant1	2440	-18.15	≤8.00	PASS
SRD	Ant1	2475	-19.44	≤8.00	PASS

Test Graphs



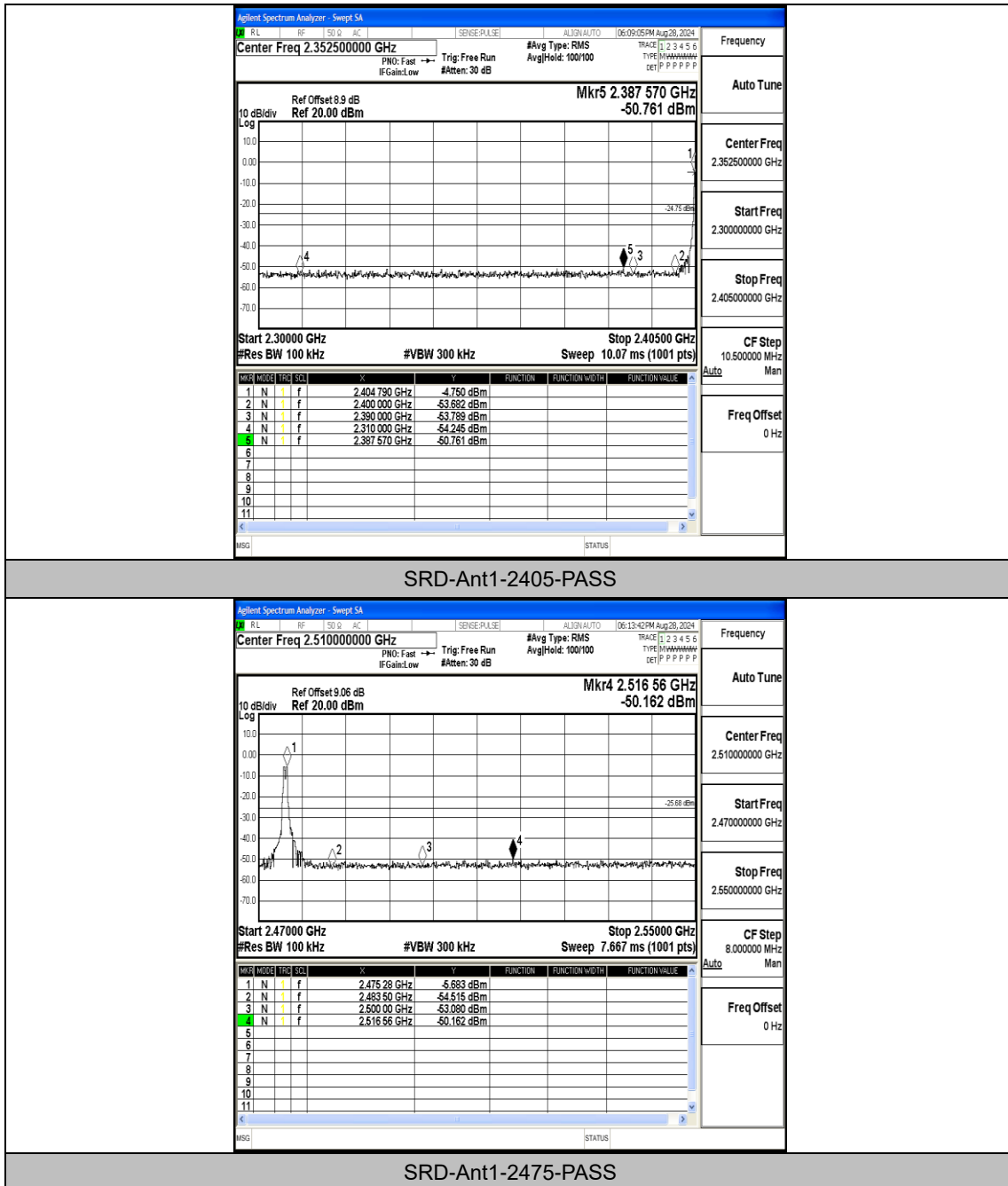


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2405	-4.75	-50.76	≤-24.75	PASS
SRD	Ant1	High	2475	-5.68	-50.16	≤-25.68	PASS

Test Graphs

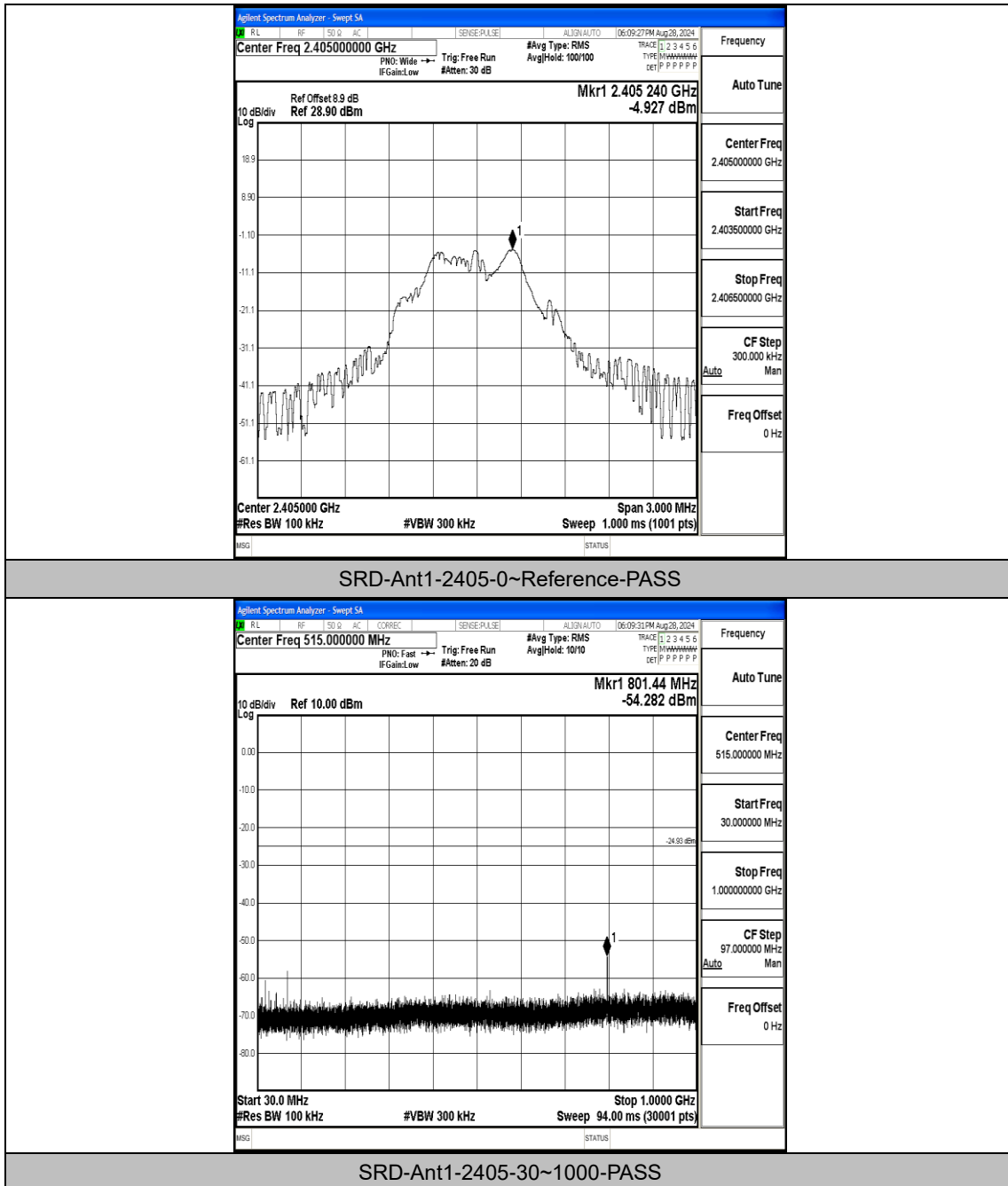


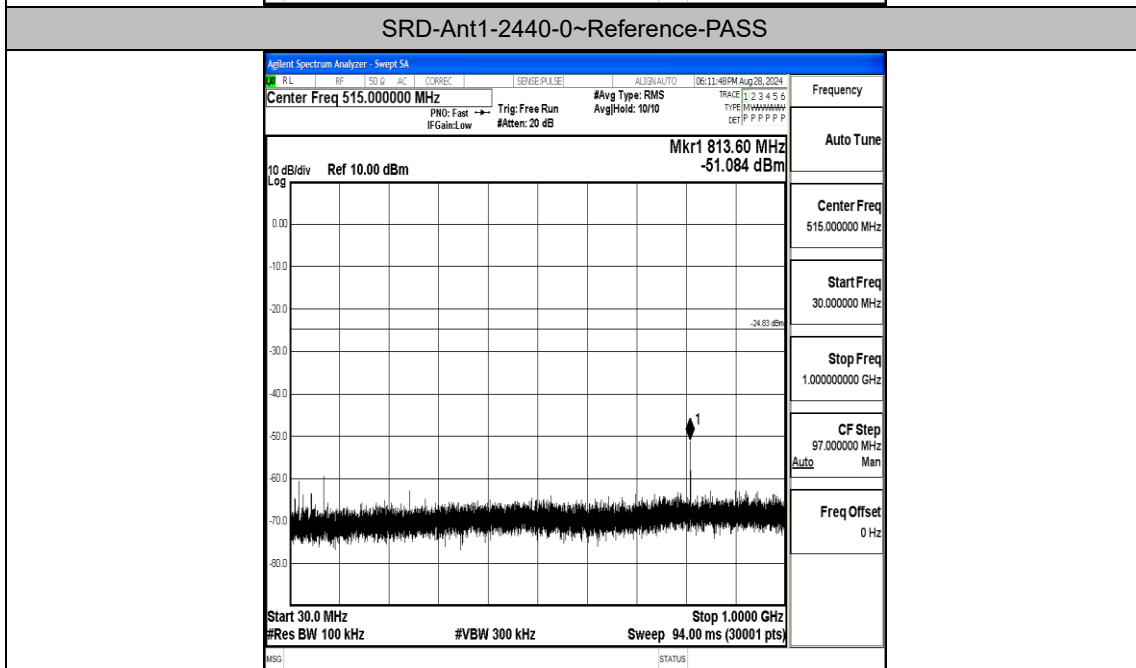
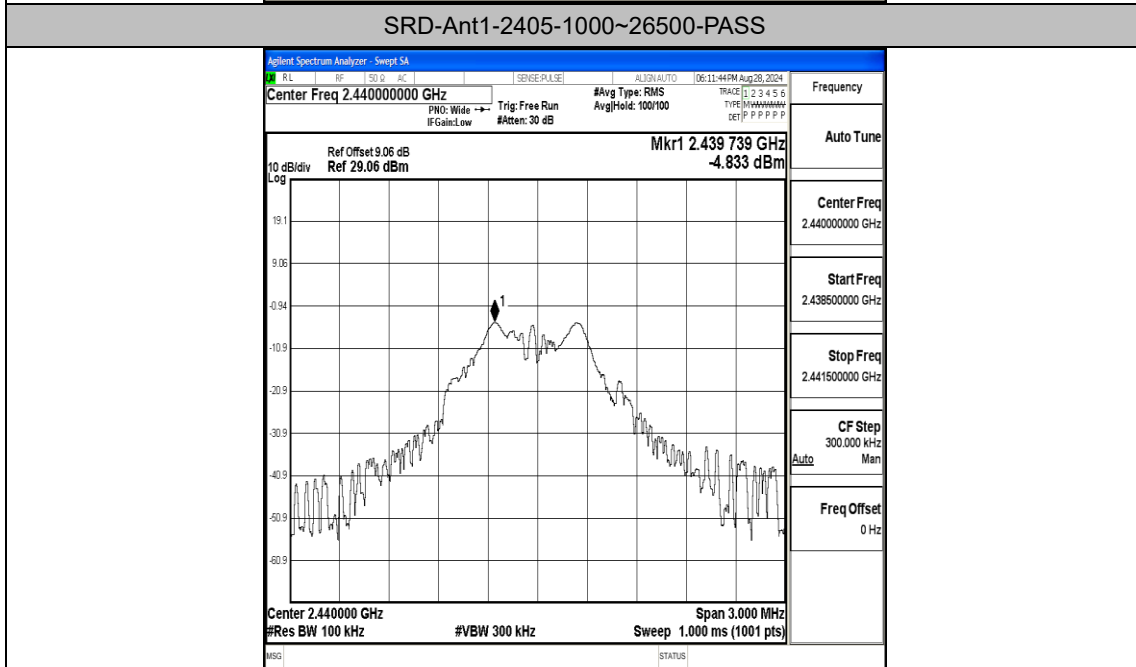
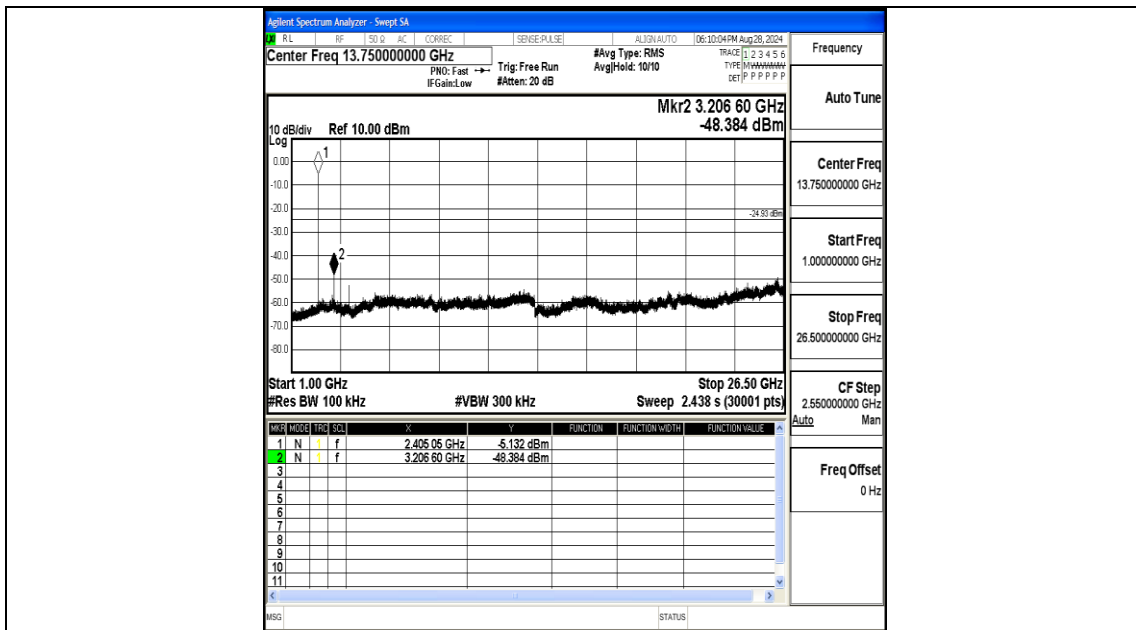
Appendix F: Conducted Spurious Emission

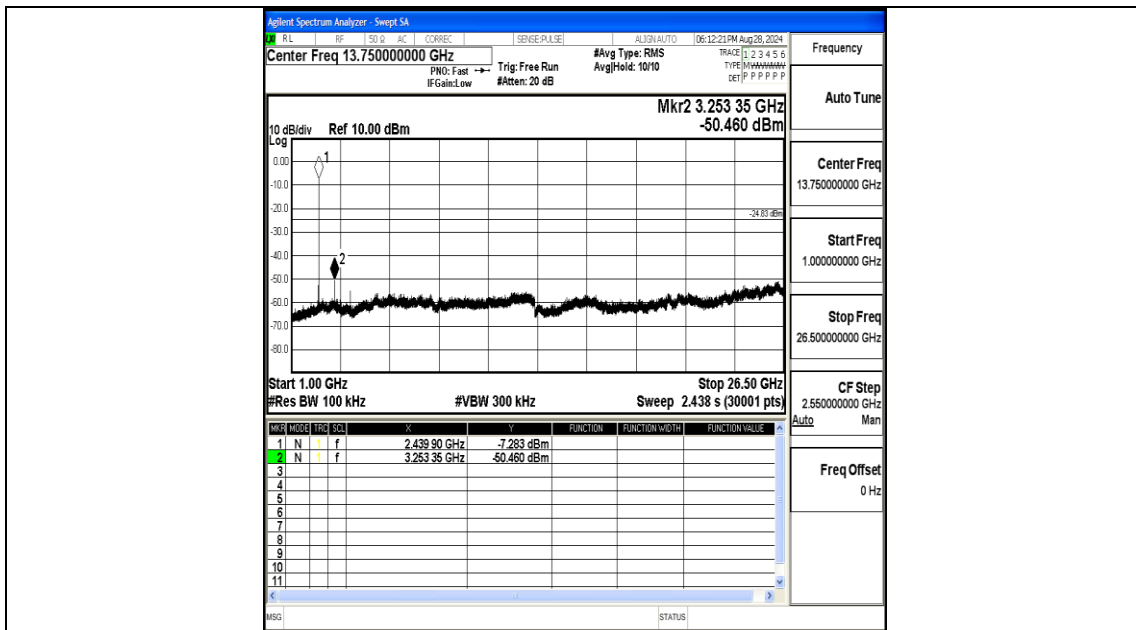
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2405	0~Reference	-4.93	-4.93	---	PASS
SRD	Ant1	2405	30~1000	-4.93	-54.28	≤-24.93	PASS
SRD	Ant1	2405	1000~26500	-4.93	-48.38	≤-24.93	PASS
SRD	Ant1	2440	0~Reference	-4.83	-4.83	---	PASS
SRD	Ant1	2440	30~1000	-4.83	-51.08	≤-24.83	PASS
SRD	Ant1	2440	1000~26500	-4.83	-50.46	≤-24.83	PASS
SRD	Ant1	2475	0~Reference	-5.72	-5.72	---	PASS
SRD	Ant1	2475	30~1000	-5.72	-53.3	≤-25.72	PASS
SRD	Ant1	2475	1000~26500	-5.72	-49.94	≤-25.72	PASS

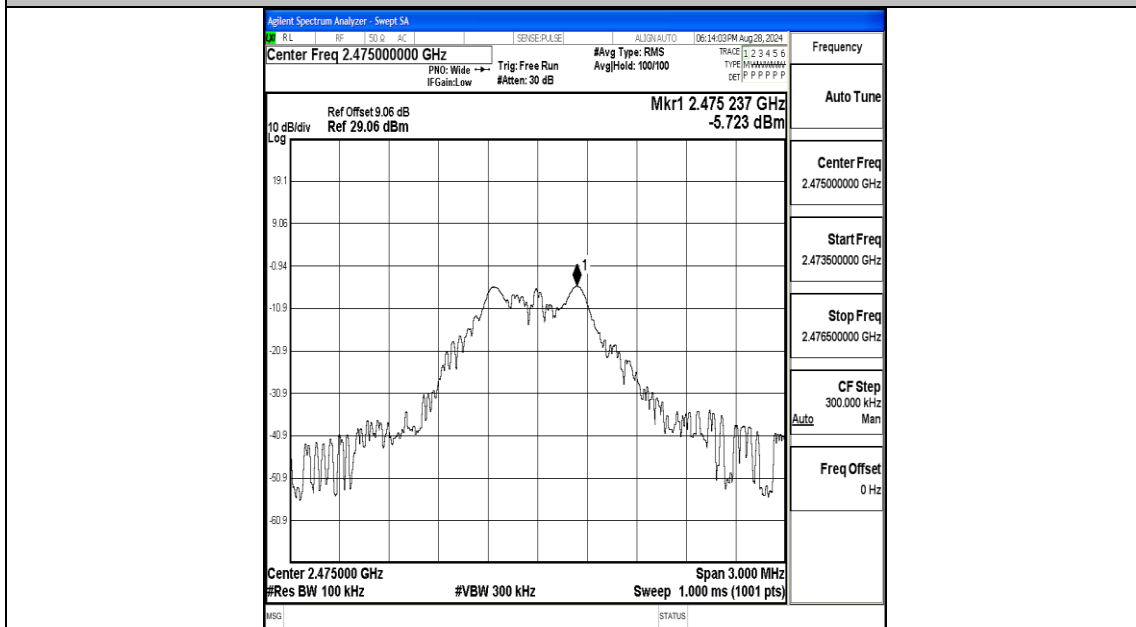
Test Graphs



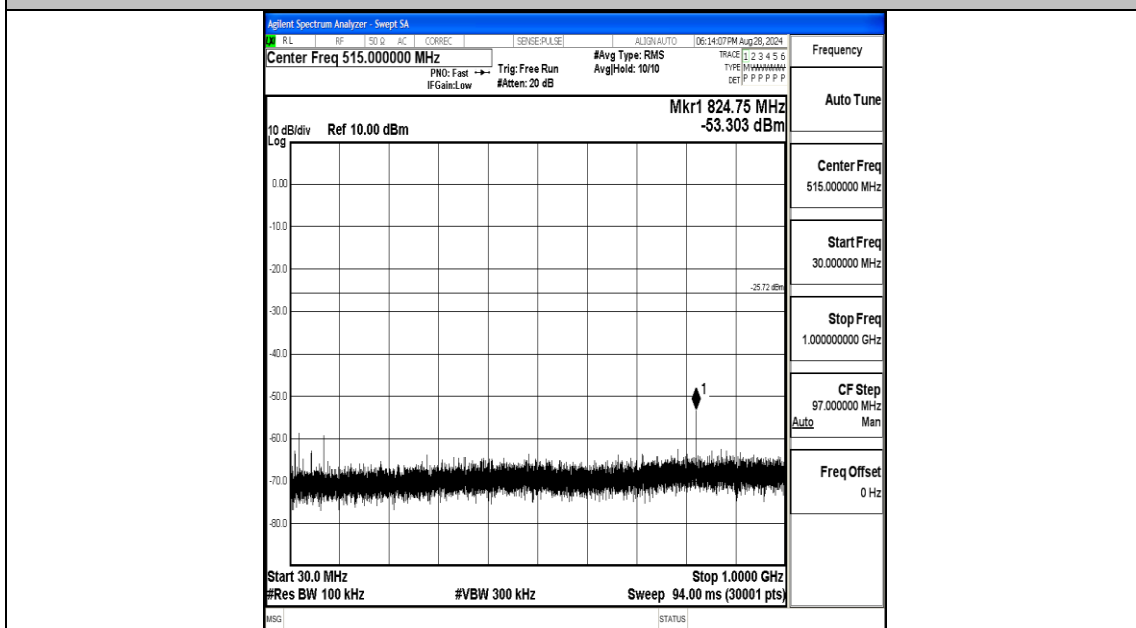




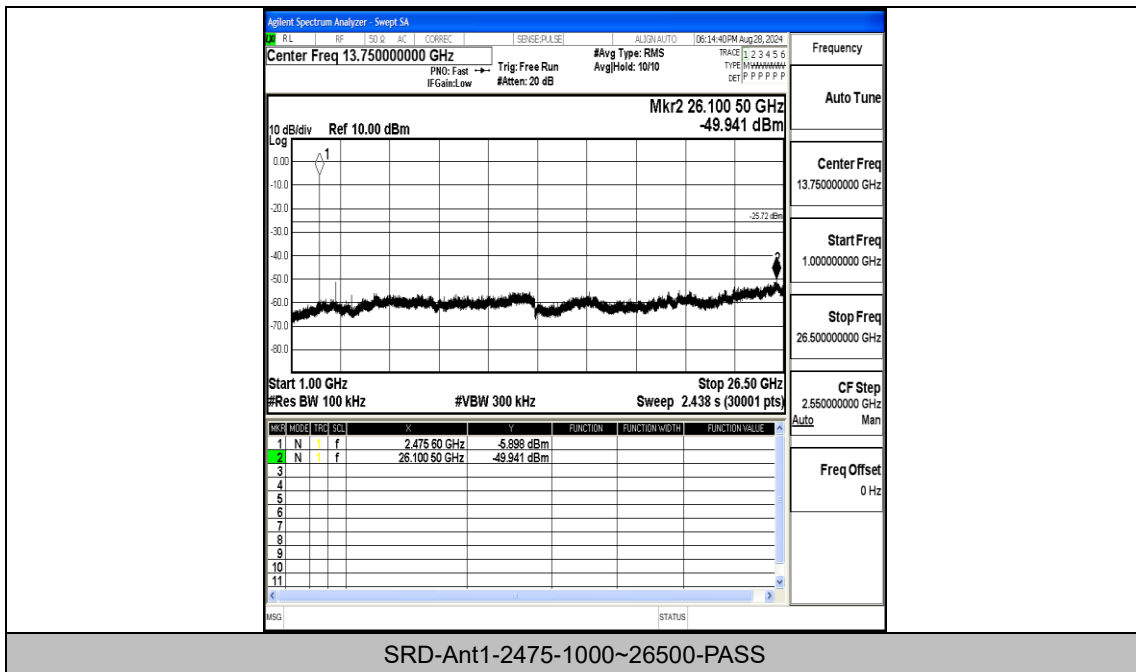
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2475-0~Reference-PASS



SRD-Ant1-2475-30~1000-PASS

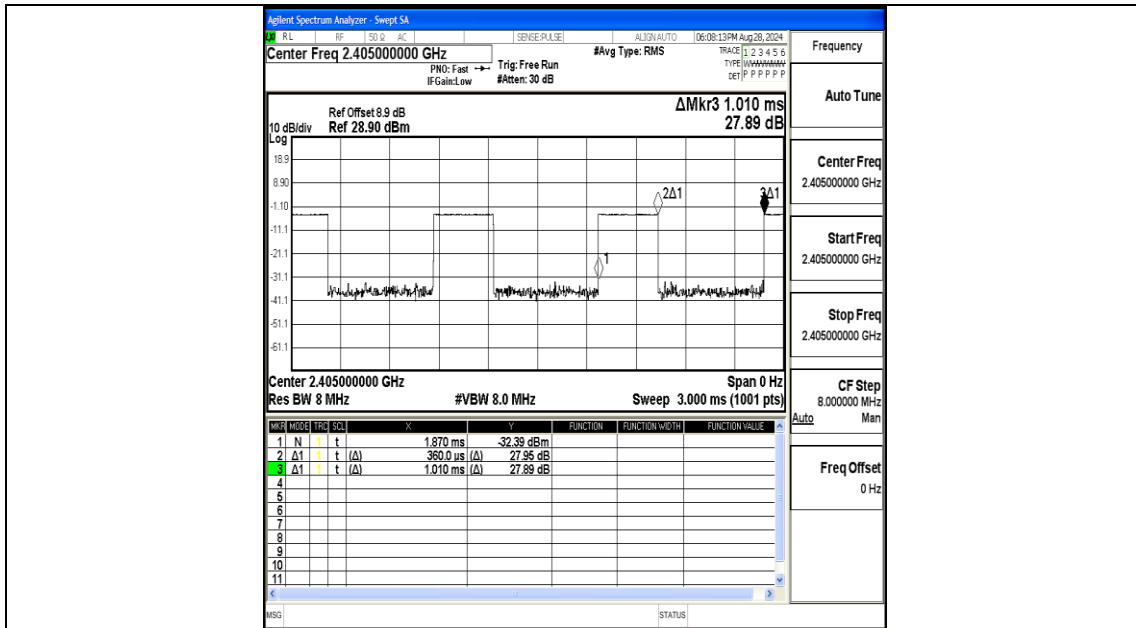


Appendix G: Duty Cycle

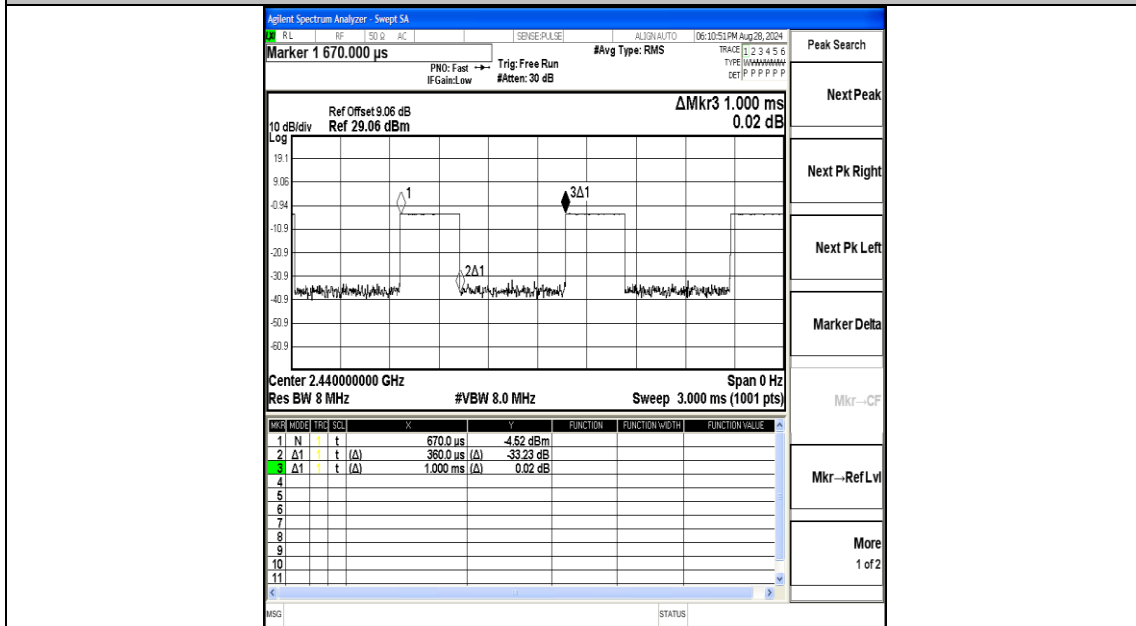
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
SRD	Ant1	2405	0.36	1.01	35.64	4.48
SRD	Ant1	2440	0.36	1.00	36.00	4.44
SRD	Ant1	2475	0.36	1.01	35.64	4.48

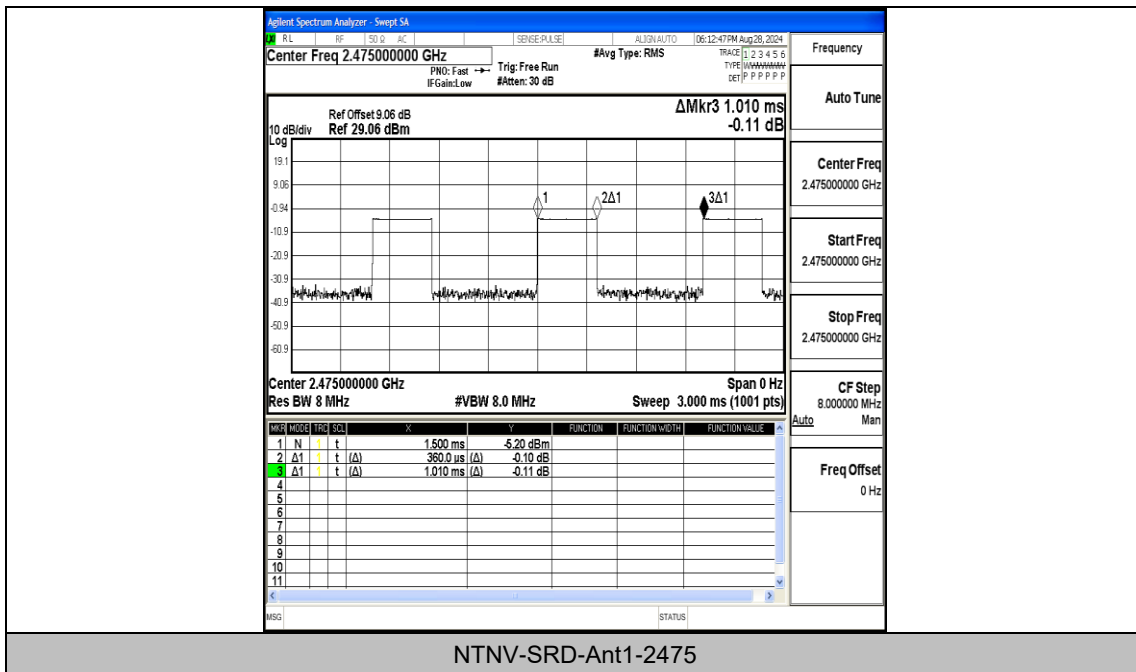
Test Graphs



NTNV-SRD-Ant1-2405



NTNV-SRD-Ant1-2440



NTNV-SRD-Ant1-2475