

Appendix Test Data for SRD (Conducted Measurement)

Product Name: 8600 two channels

Trade Mark: /

Test Model: TF04S

FCC ID: 2BOIBTF04S

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2410	0.664	2409.672	2410.336	0.5	PASS
SRD	Ant1	2442	0.728	2441.640	2442.368	0.5	PASS
SRD	Ant1	2470	0.680	2469.668	2470.348	0.5	PASS

Test Graphs



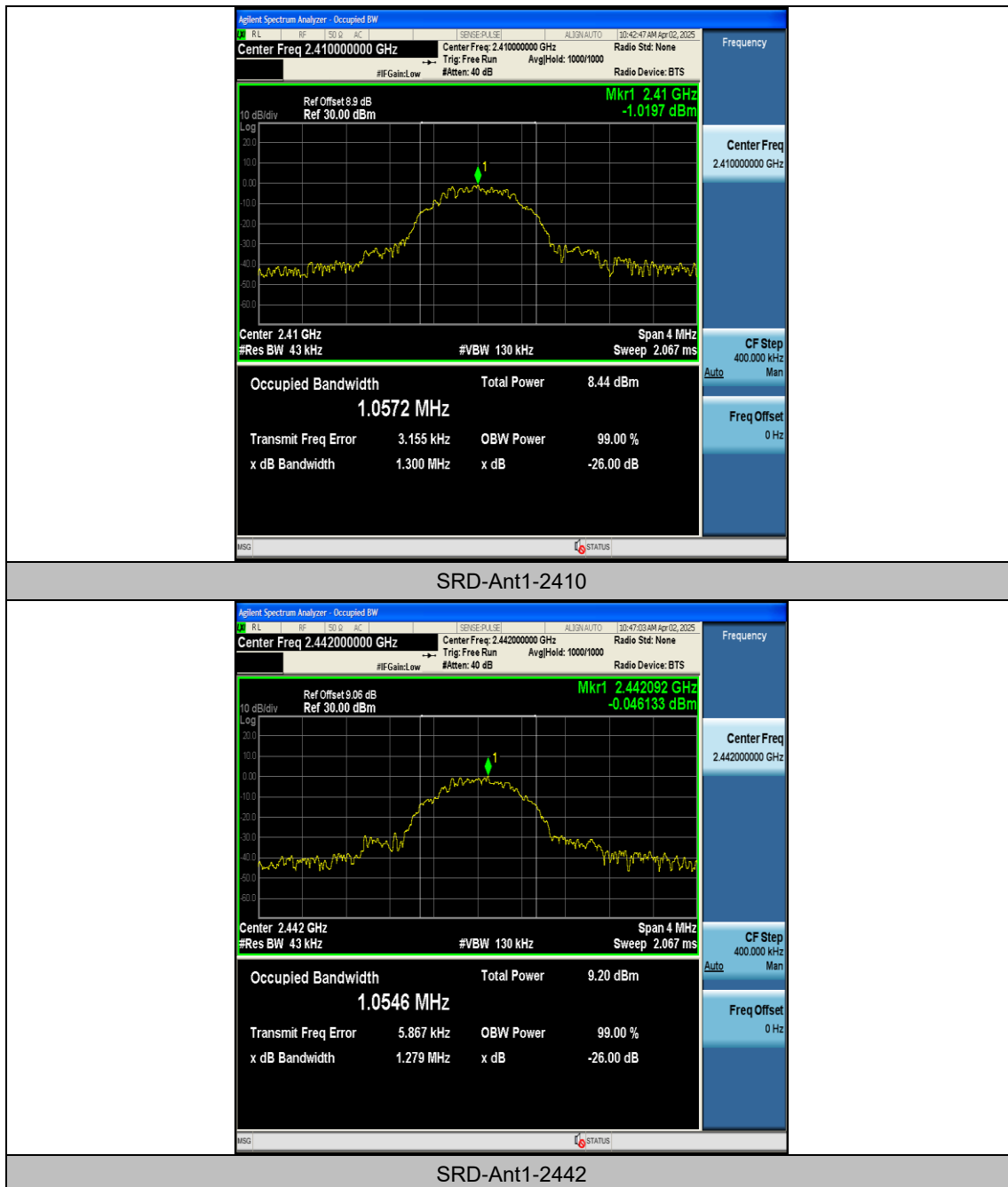


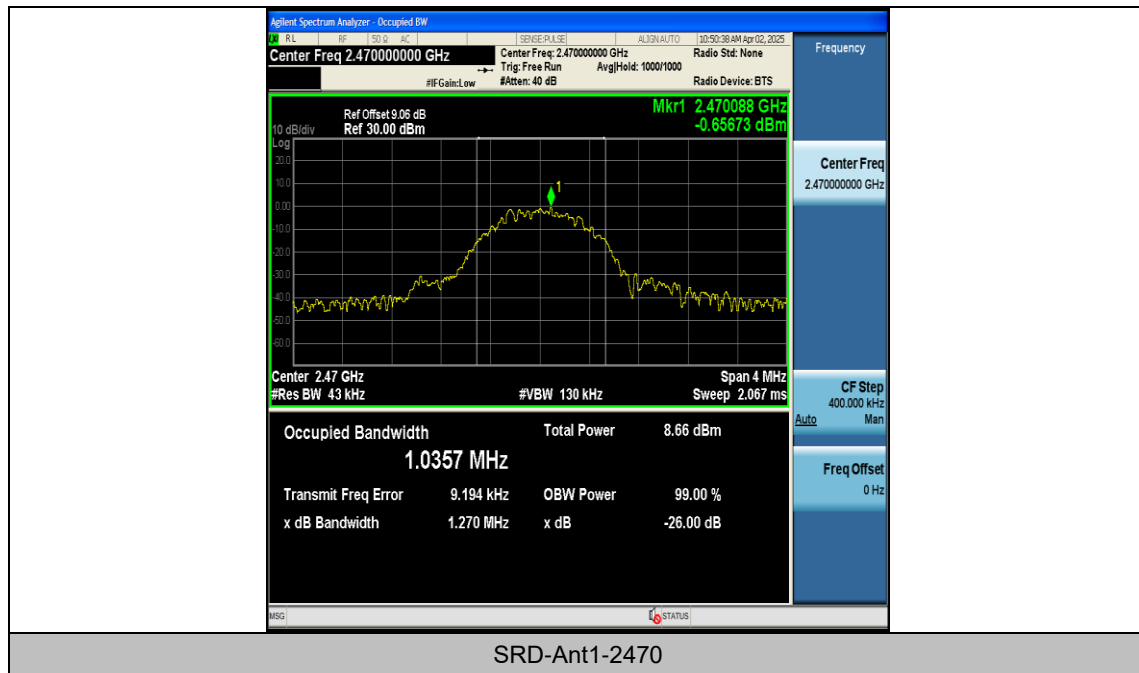
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2410	1.0572	2409.4746	2410.5318	---	---
SRD	Ant1	2442	1.0546	2441.4786	2442.5332	---	---
SRD	Ant1	2470	1.0357	2469.4913	2470.5270	---	---

Test Graphs



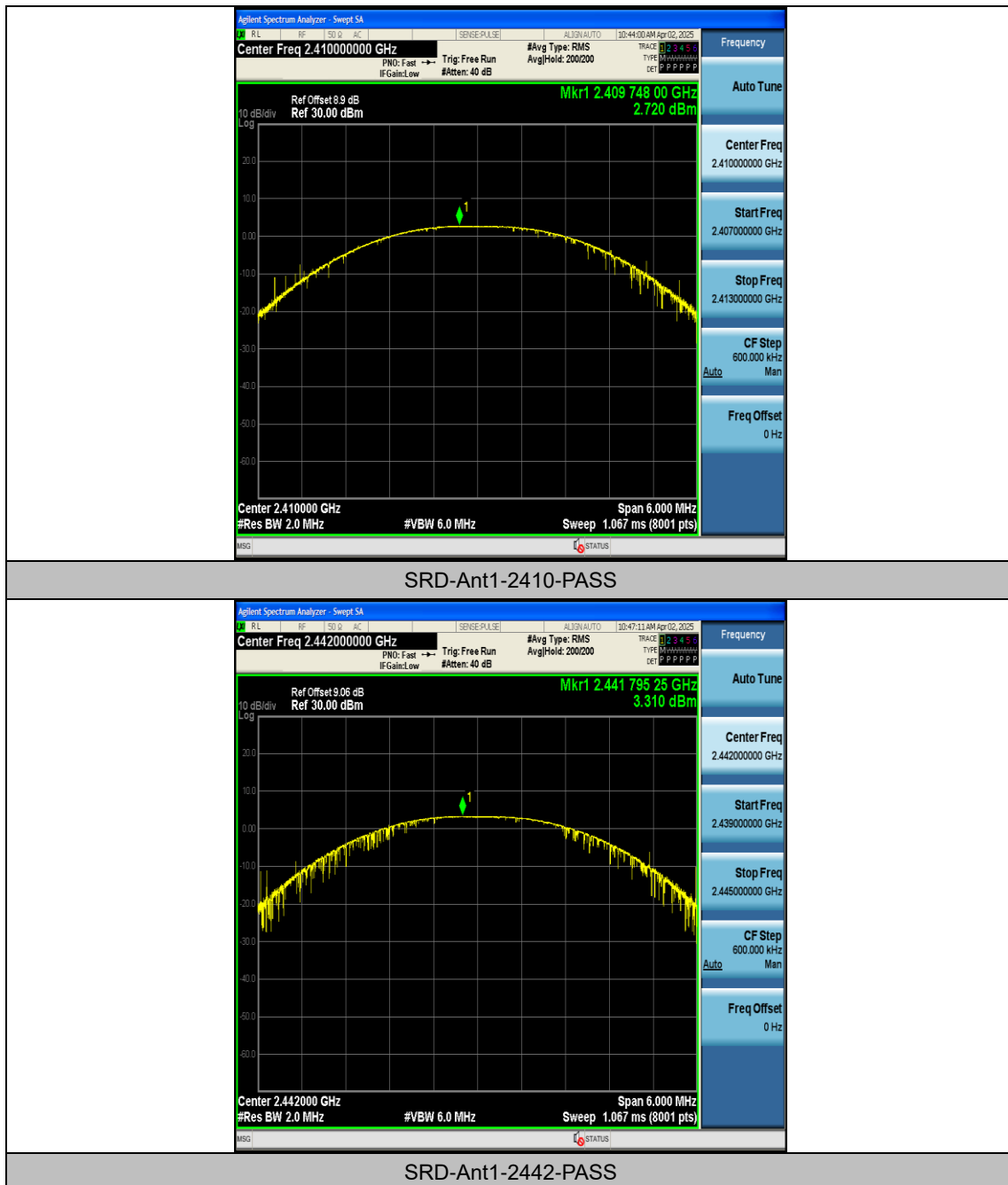


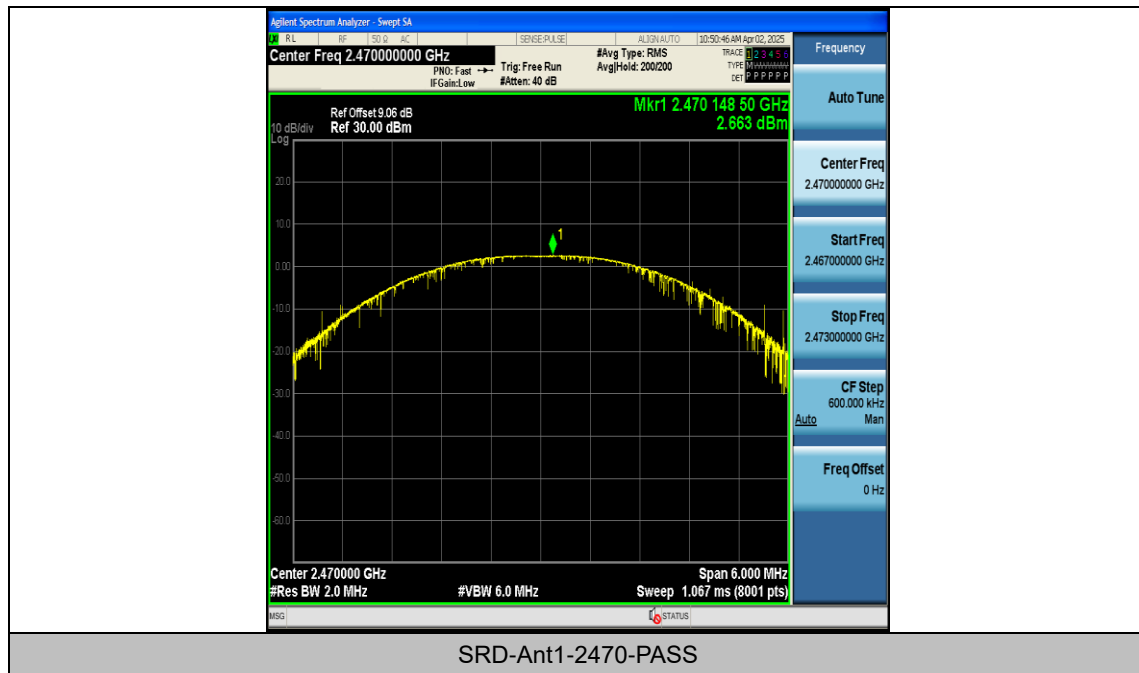
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2410	2.72	≤30	PASS
SRD	Ant1	2442	3.31	≤30	PASS
SRD	Ant1	2470	2.66	≤30	PASS

Test Graphs Peak



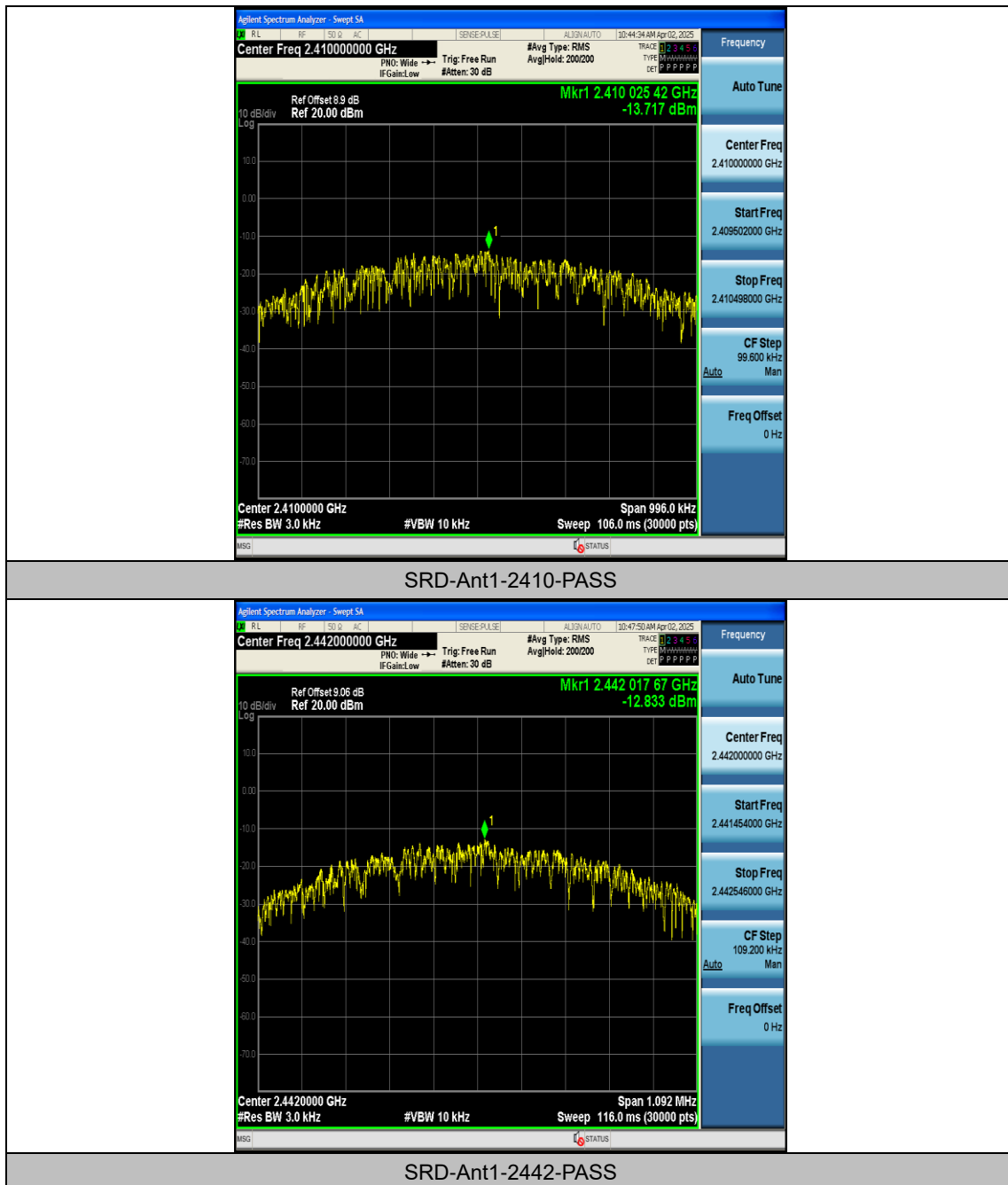


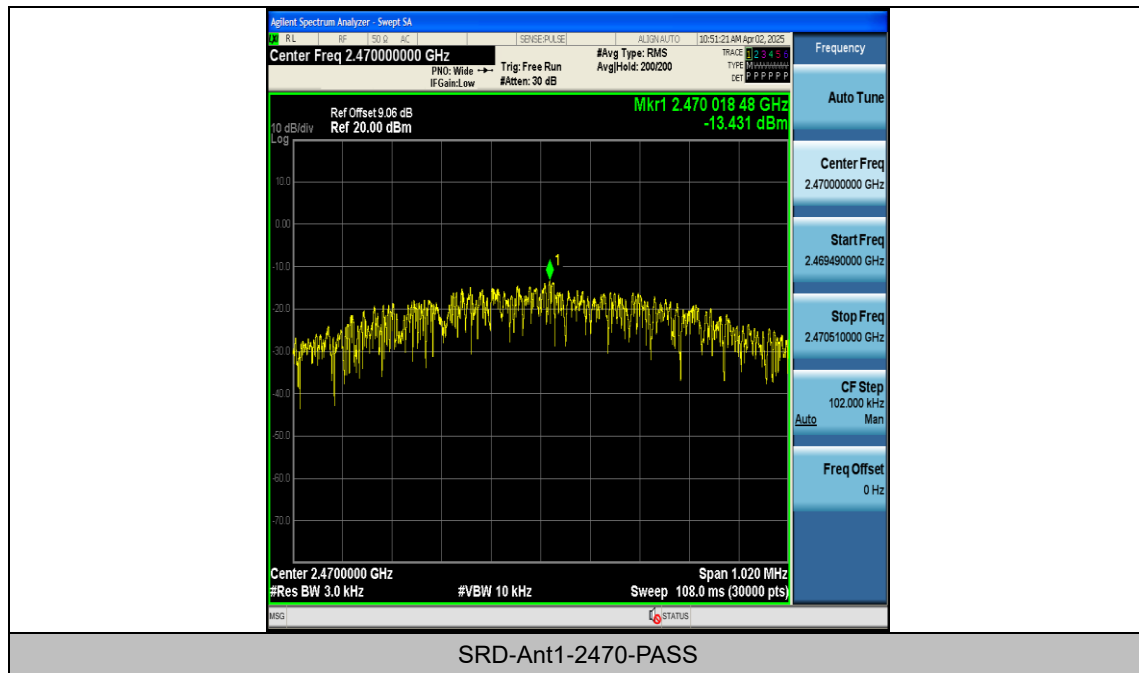
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2410	-13.72	≤8.00	PASS
SRD	Ant1	2442	-12.83	≤8.00	PASS
SRD	Ant1	2470	-13.43	≤8.00	PASS

Test Graphs



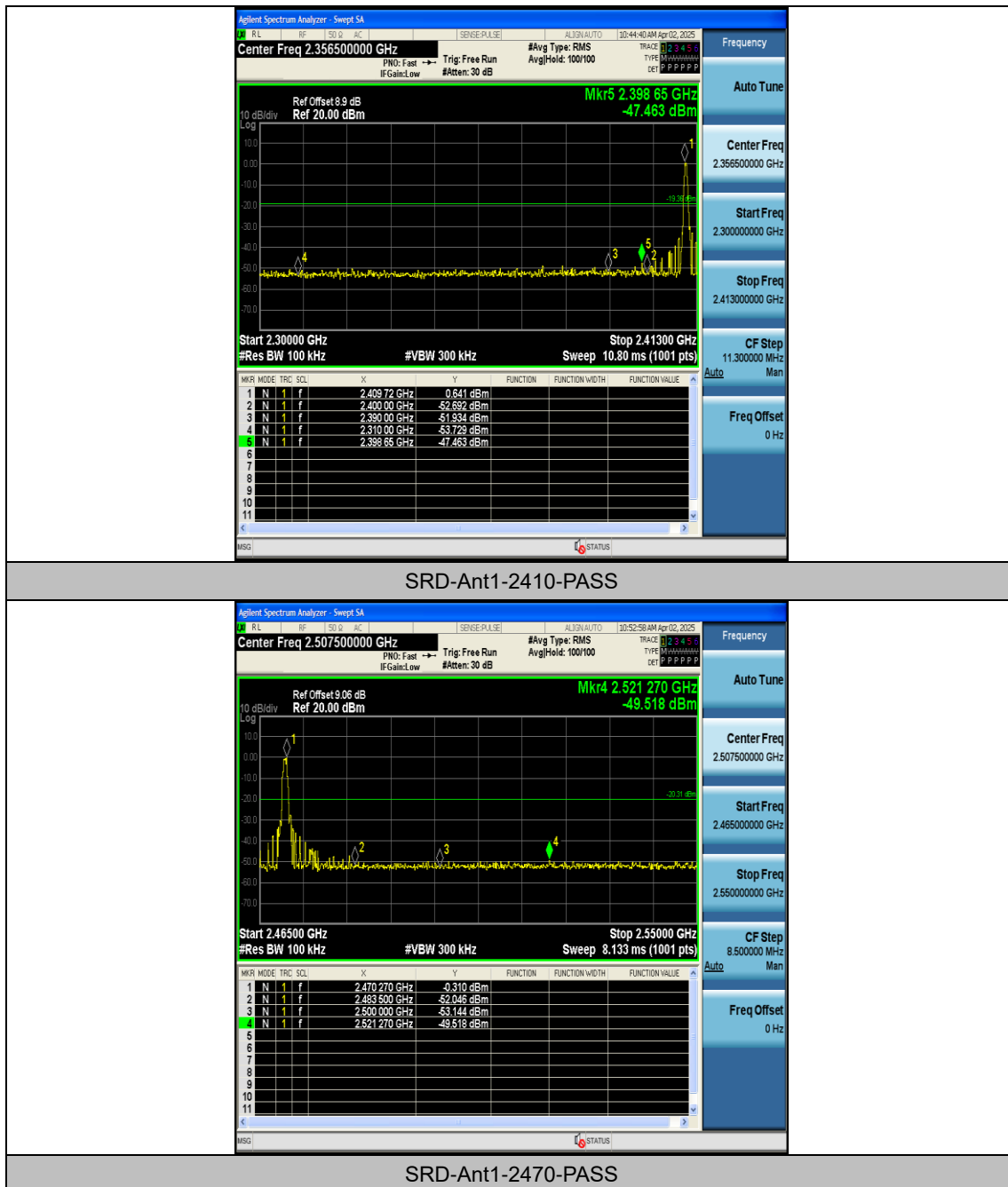


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2410	0.64	-47.46	≤ -19.36	PASS
SRD	Ant1	High	2470	-0.31	-49.52	≤ -20.31	PASS

Test Graphs

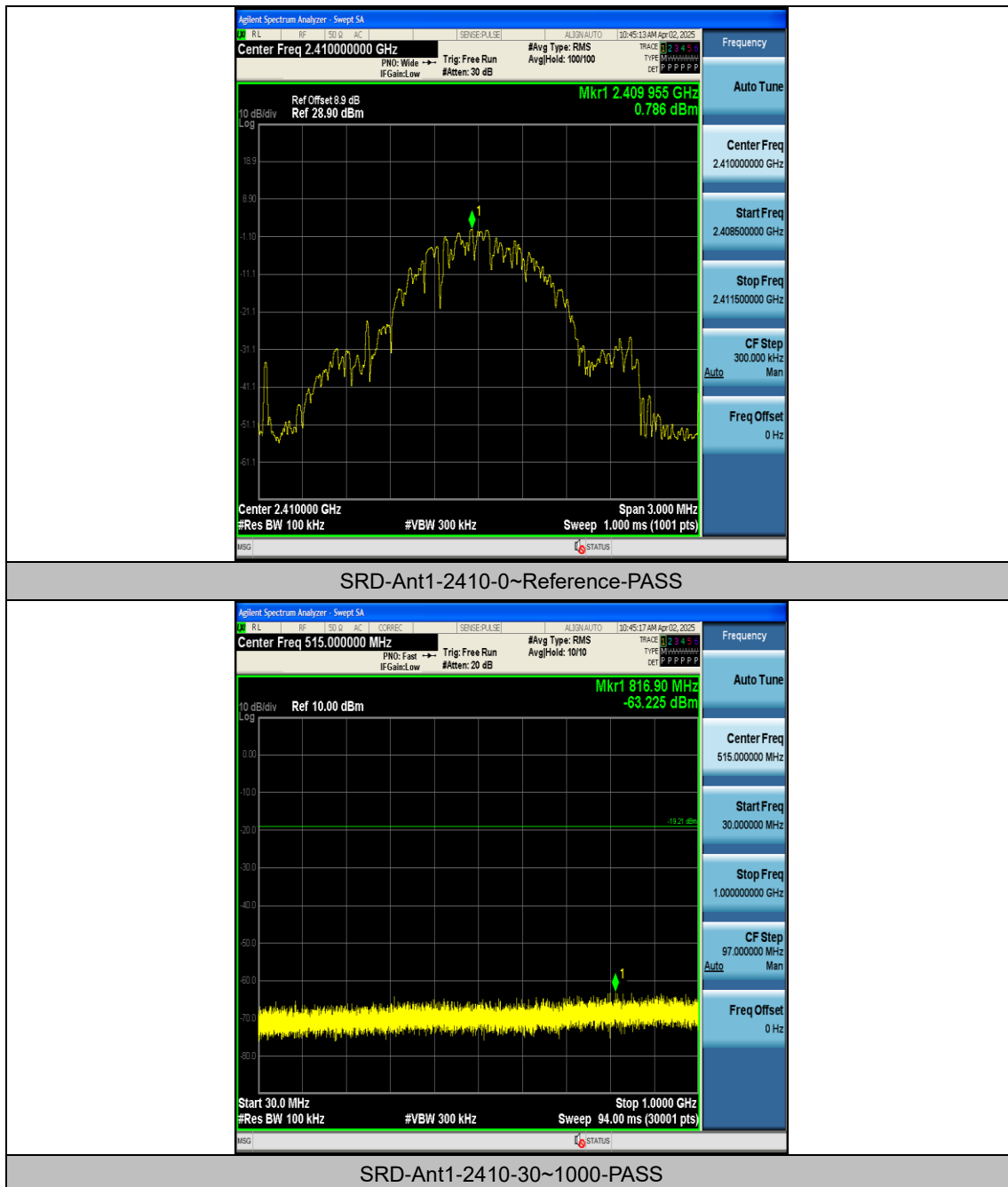


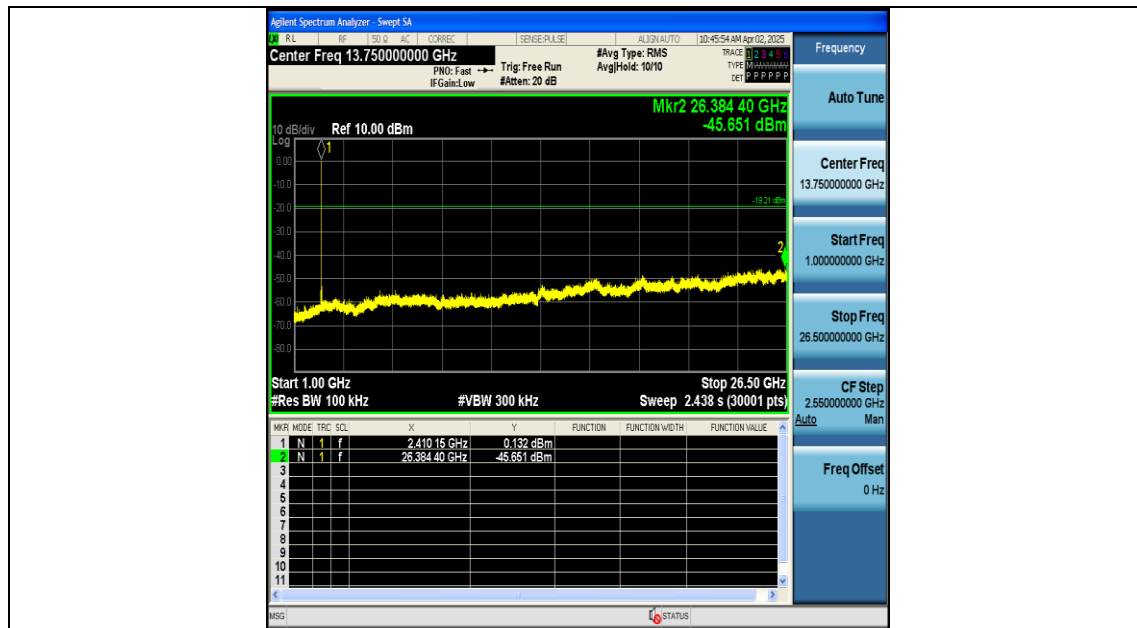
Appendix F: Conducted Spurious Emission

Test Result

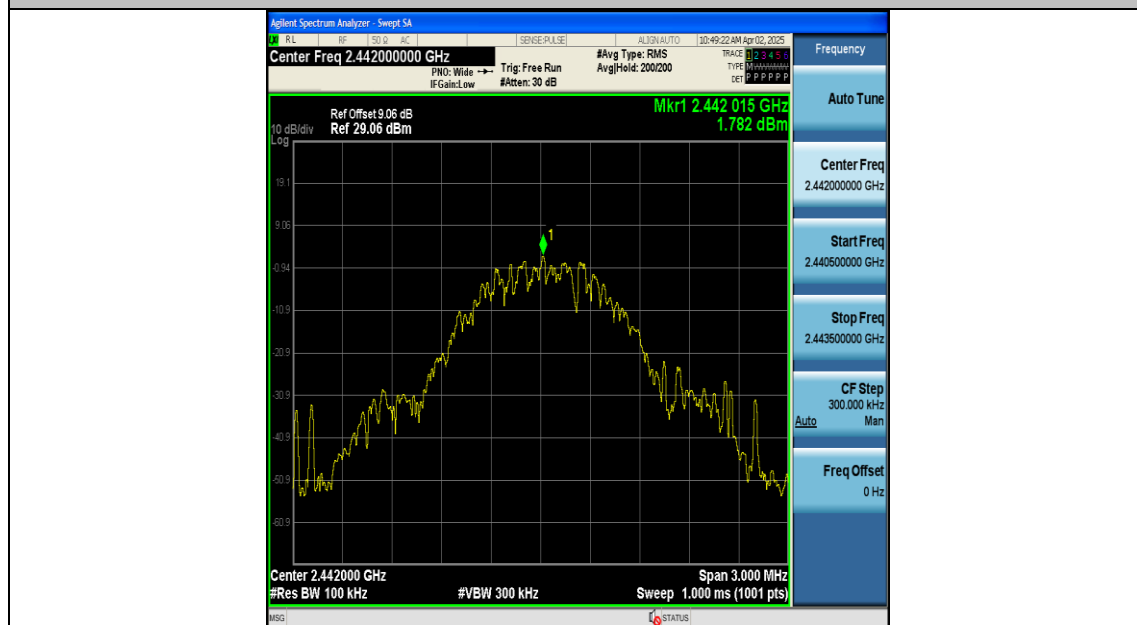
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2410	0~Reference	0.79	0.79	---	PASS
SRD	Ant1	2410	30~1000	0.79	-63.23	≤-19.21	PASS
SRD	Ant1	2410	1000~26500	0.79	-45.65	≤-19.21	PASS
SRD	Ant1	2442	0~Reference	1.78	1.78	---	PASS
SRD	Ant1	2442	30~1000	1.78	-62.11	≤-18.22	PASS
SRD	Ant1	2442	1000~26500	1.78	-45.61	≤-18.22	PASS
SRD	Ant1	2470	0~Reference	0.30	0.30	---	PASS
SRD	Ant1	2470	30~1000	0.30	-62.99	≤-19.7	PASS
SRD	Ant1	2470	1000~26500	0.30	-45.73	≤-19.7	PASS

Test Graphs

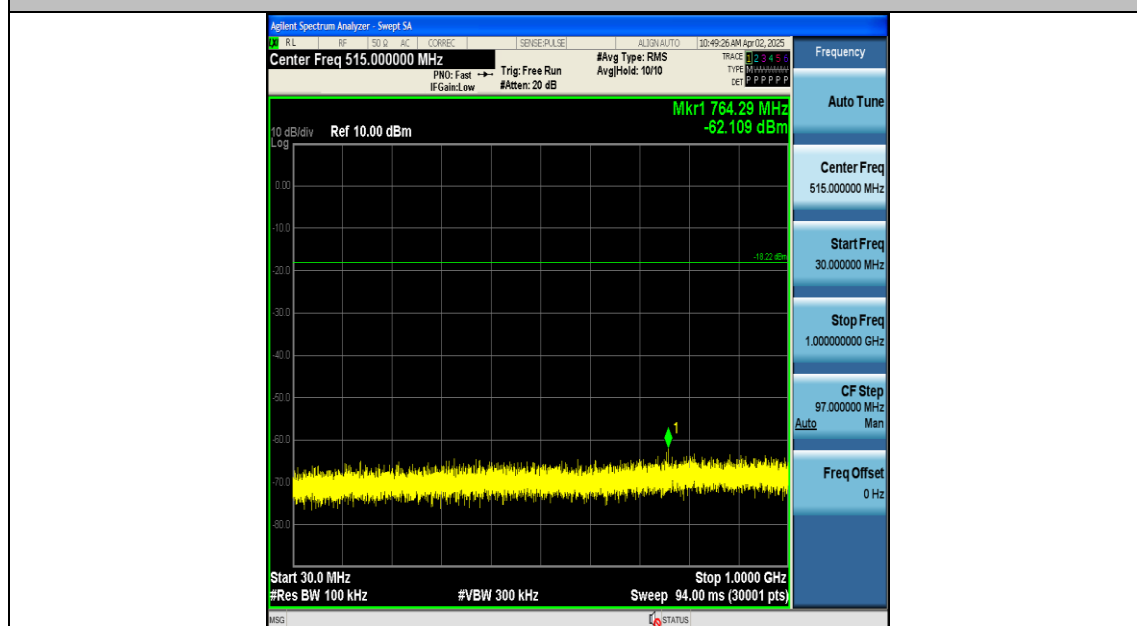




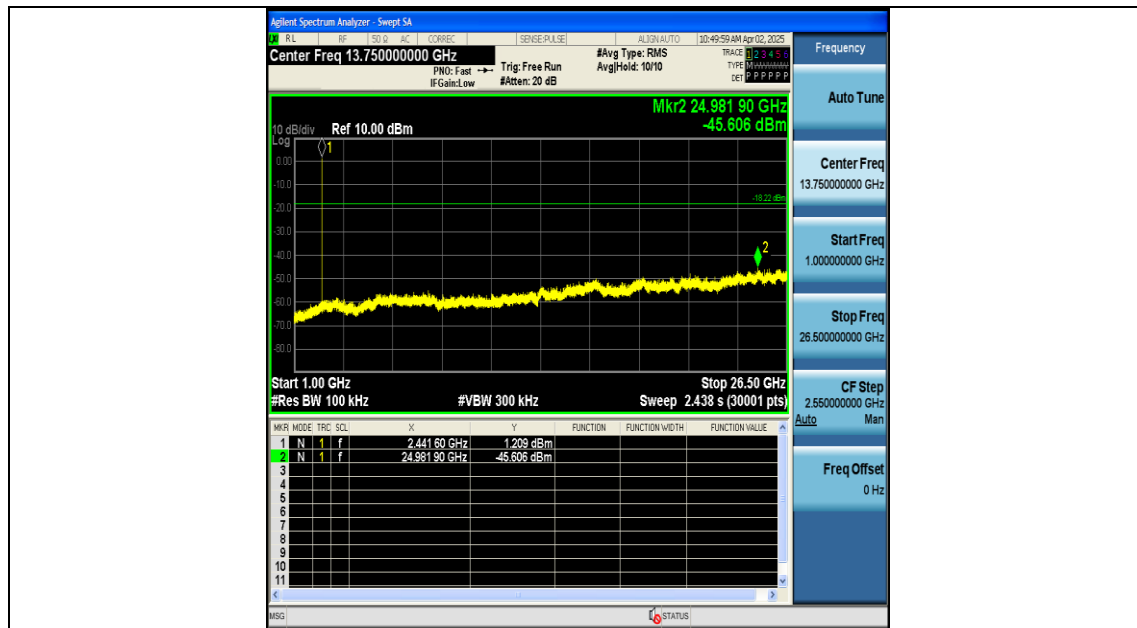
SRD-Ant1-2410-1000~26500-PASS



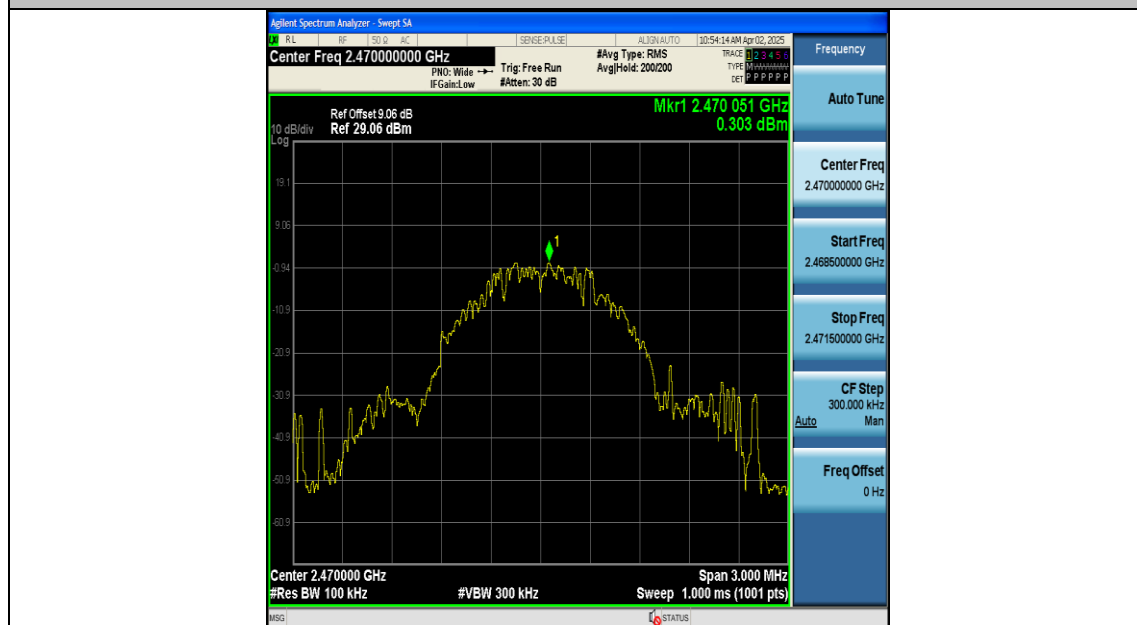
SRD-Ant1-2442-0~Reference-PASS



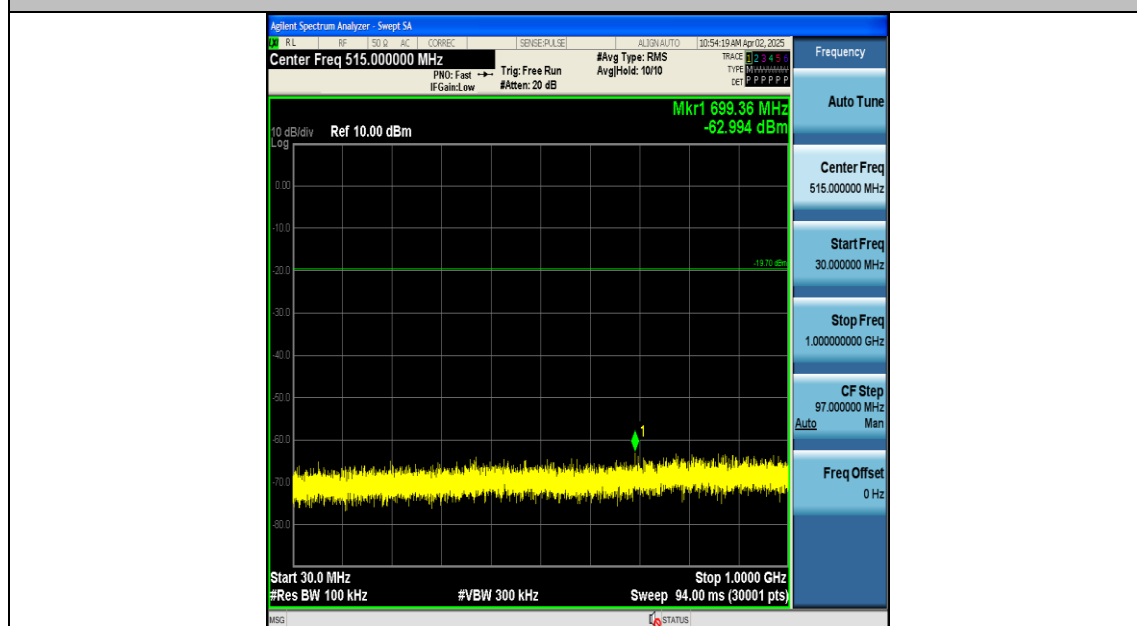
SRD-Ant1-2442-30~1000-PASS



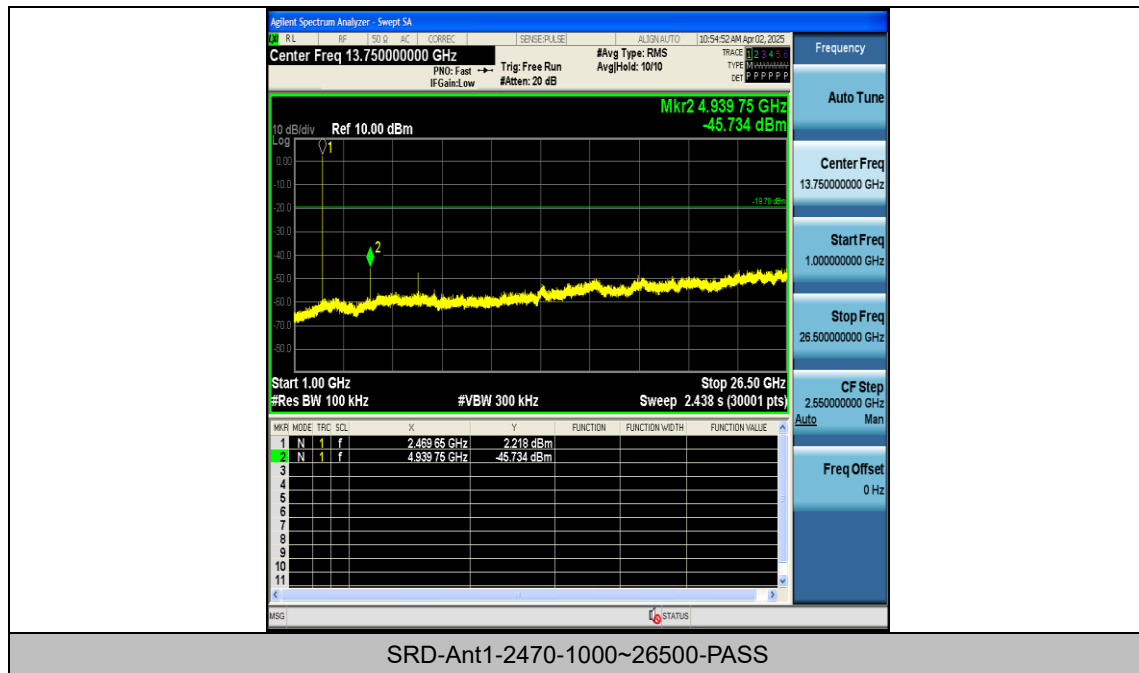
SRD-Ant1-2442-1000~26500-PASS



SRD-Ant1-2470-0~Reference-PASS



SRD-Ant1-2470-30~1000-PASS

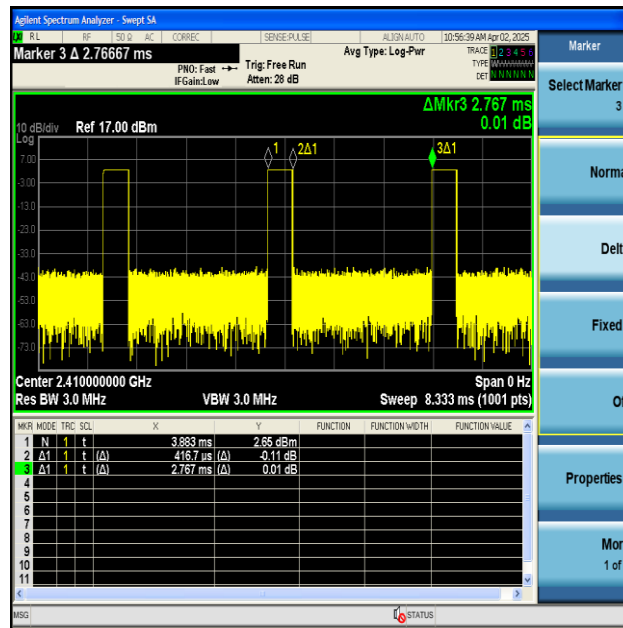


Appendix G: Duty Cycle

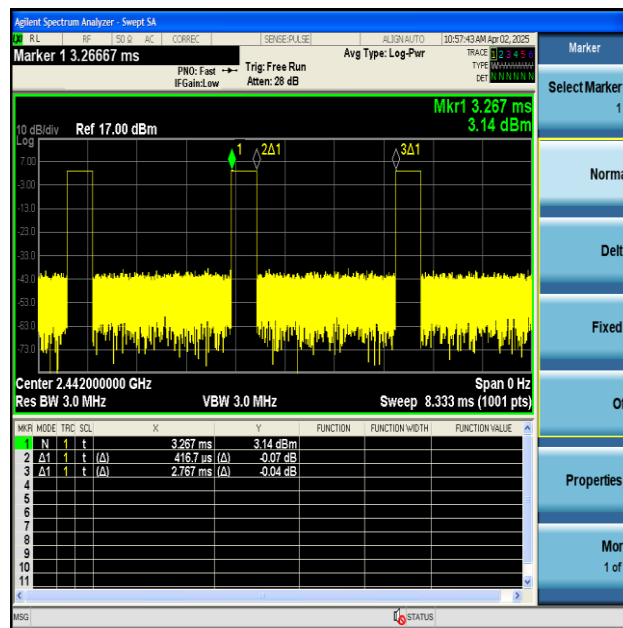
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
SRD	Ant1	2410	0.42	2.77	15.16	8.19
SRD	Ant1	2442	0.42	2.77	15.16	8.19
SRD	Ant1	2470	0.40	2.77	14.44	8.40

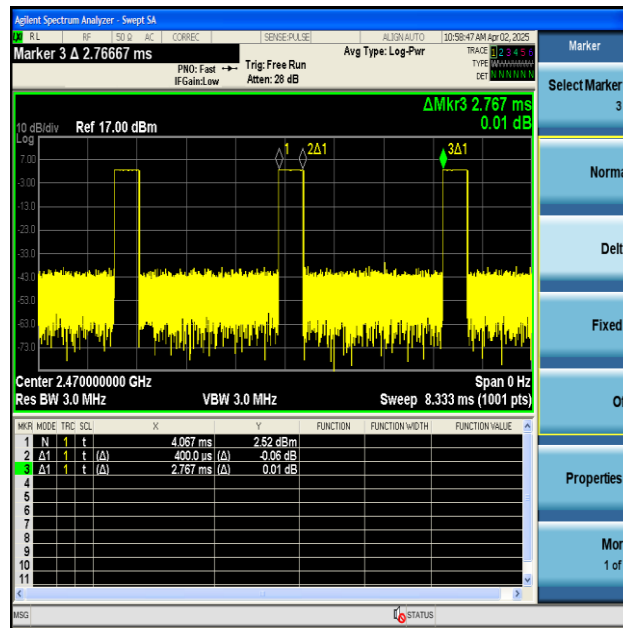
Test Graphs



NTNV-SRD-Ant1-2410



NTNV-SRD-Ant1-2442



NTNV-SRD-Ant1-2470