

Appendix Test Data for SRD (Conducted Measurement)

Product Name: TV Game Console

Trade Mark: Lexibook

Test Model: JG7440

FCC ID: UU8-JG7440

Environmental Conditions

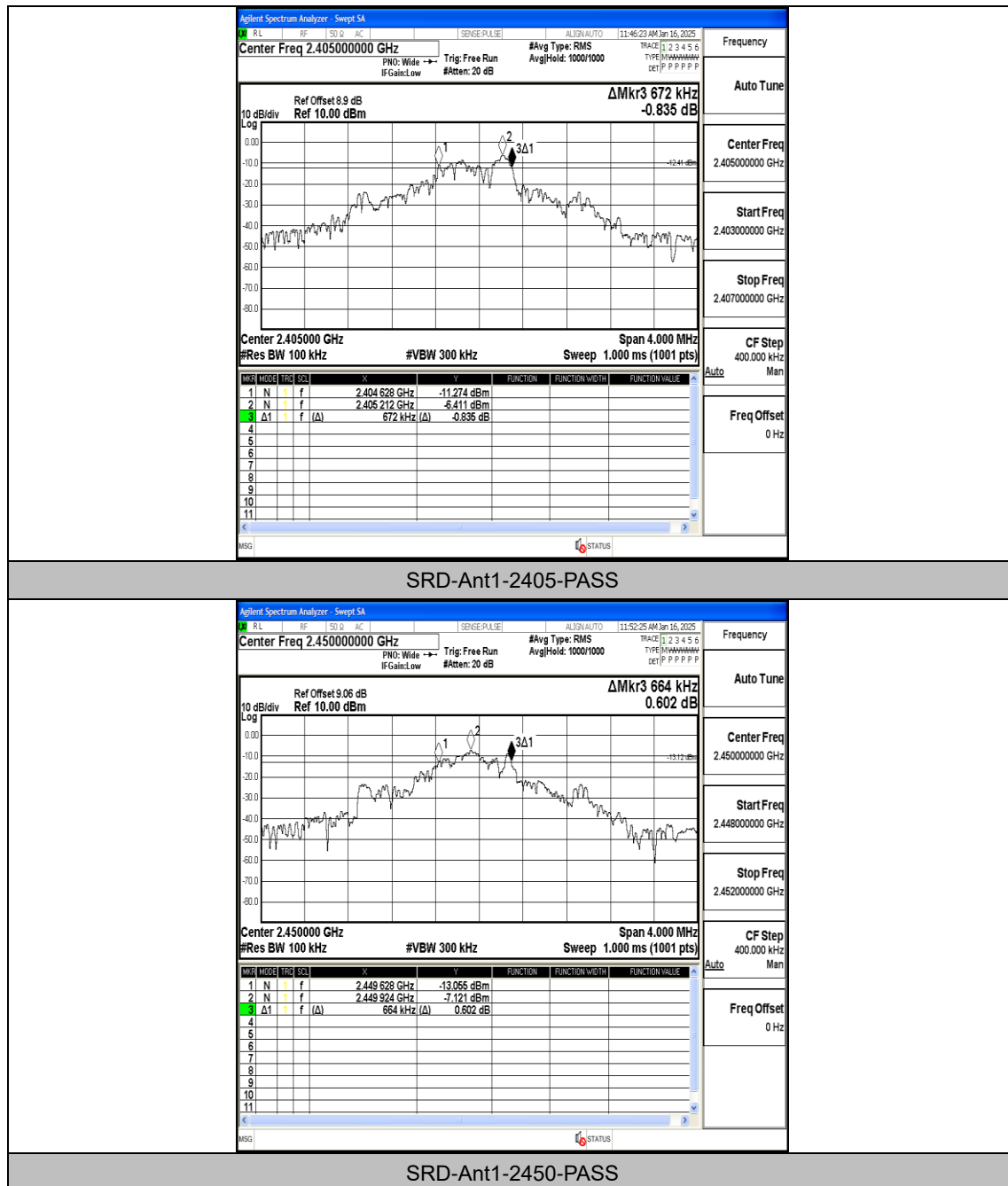
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

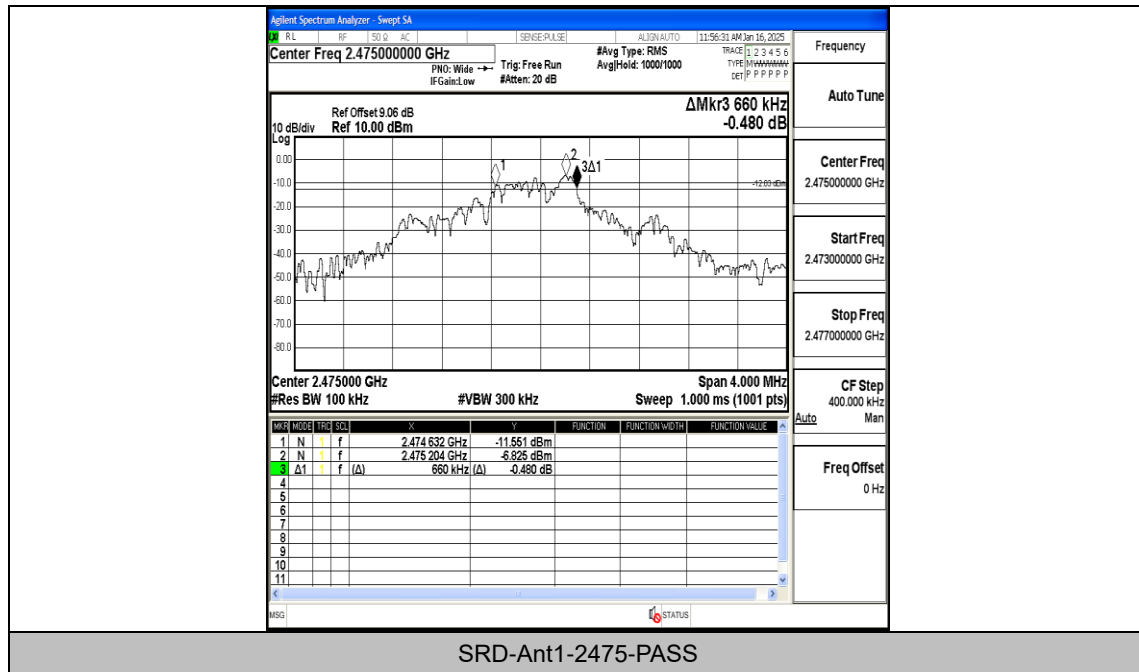
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	0.672	2404.628	2405.300	0.5	PASS
SRD	Ant1	2450	0.664	2449.628	2450.292	0.5	PASS
SRD	Ant1	2475	0.660	2474.632	2475.292	0.5	PASS

Test Graphs



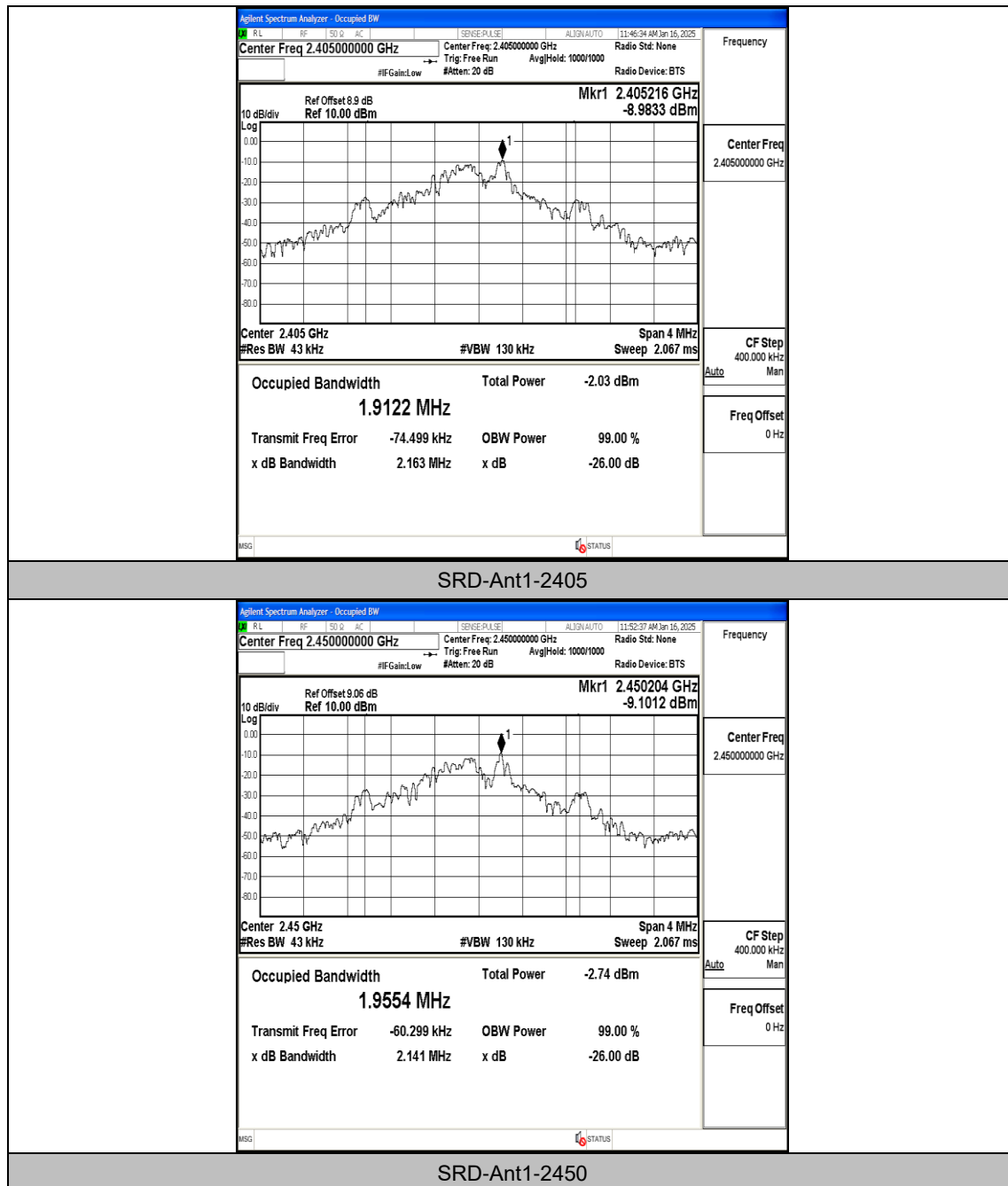


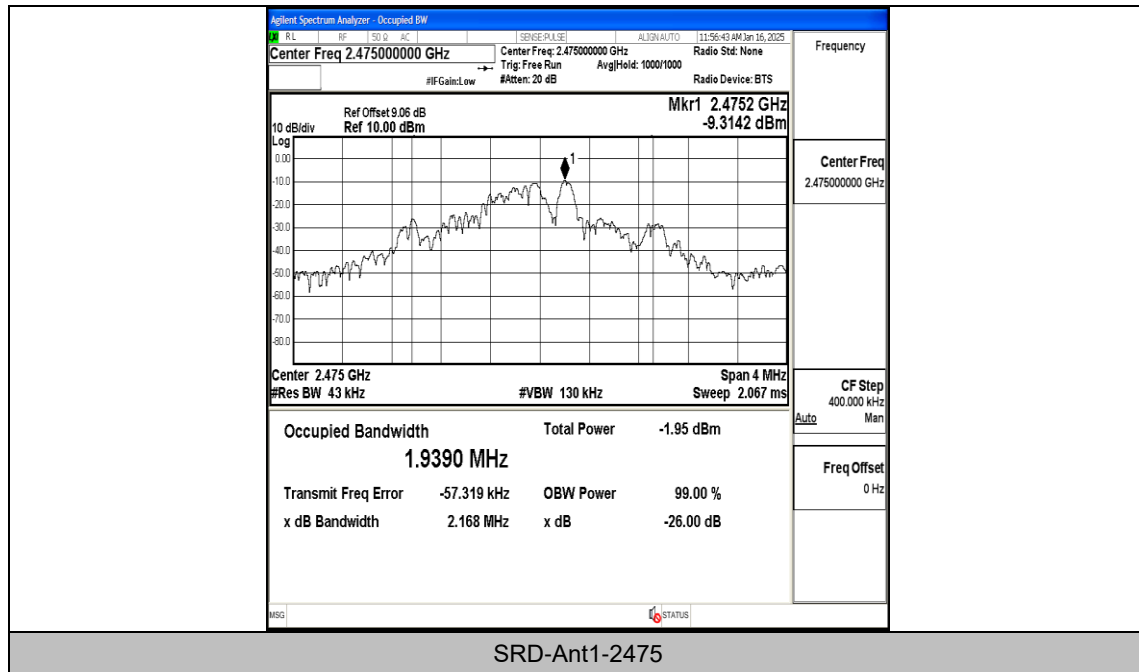
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	1.9122	2403.9694	2405.8816	---	---
SRD	Ant1	2450	1.9554	2448.9620	2450.9174	---	---
SRD	Ant1	2475	1.9390	2473.9732	2475.9122	---	---

Test Graphs



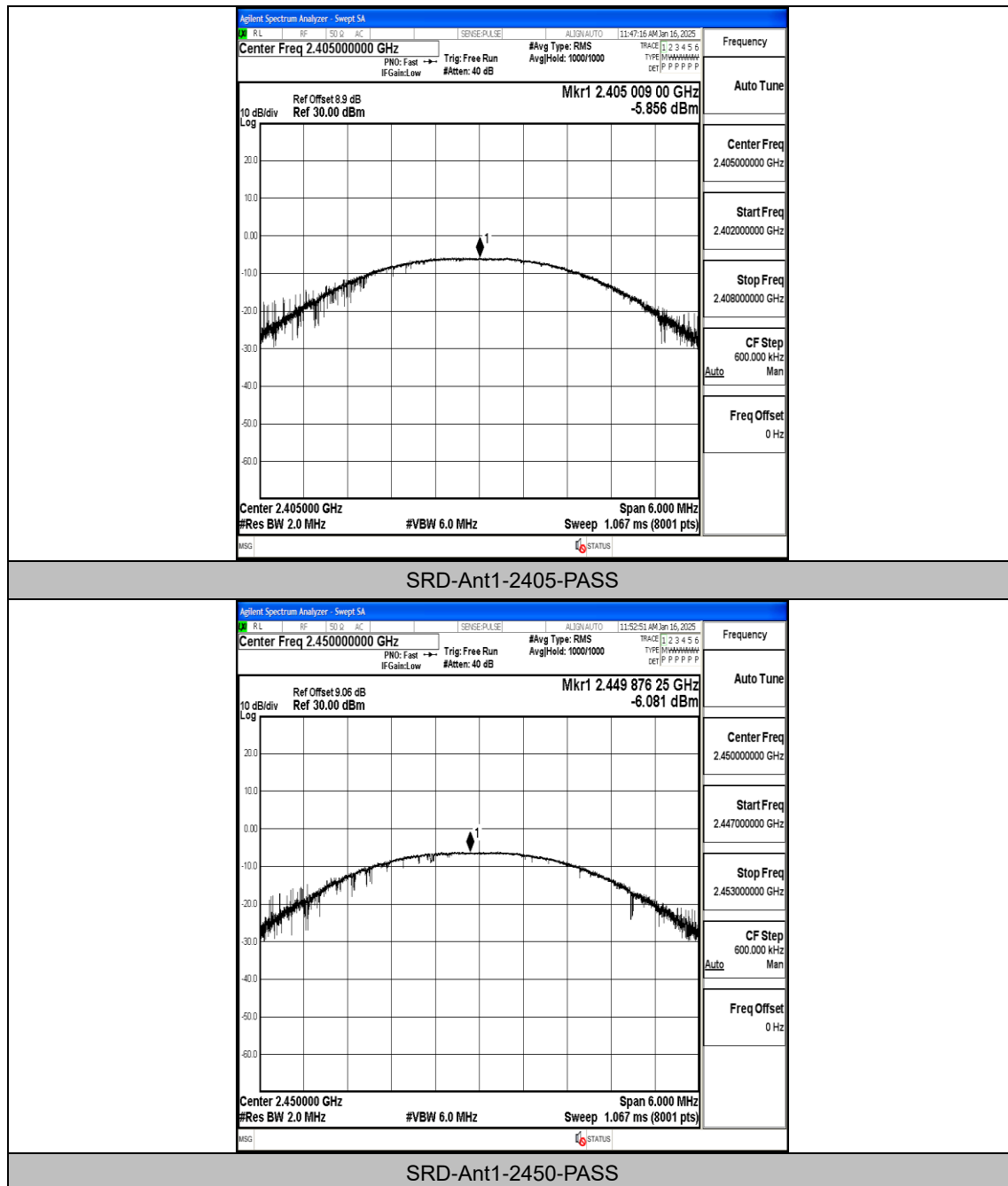


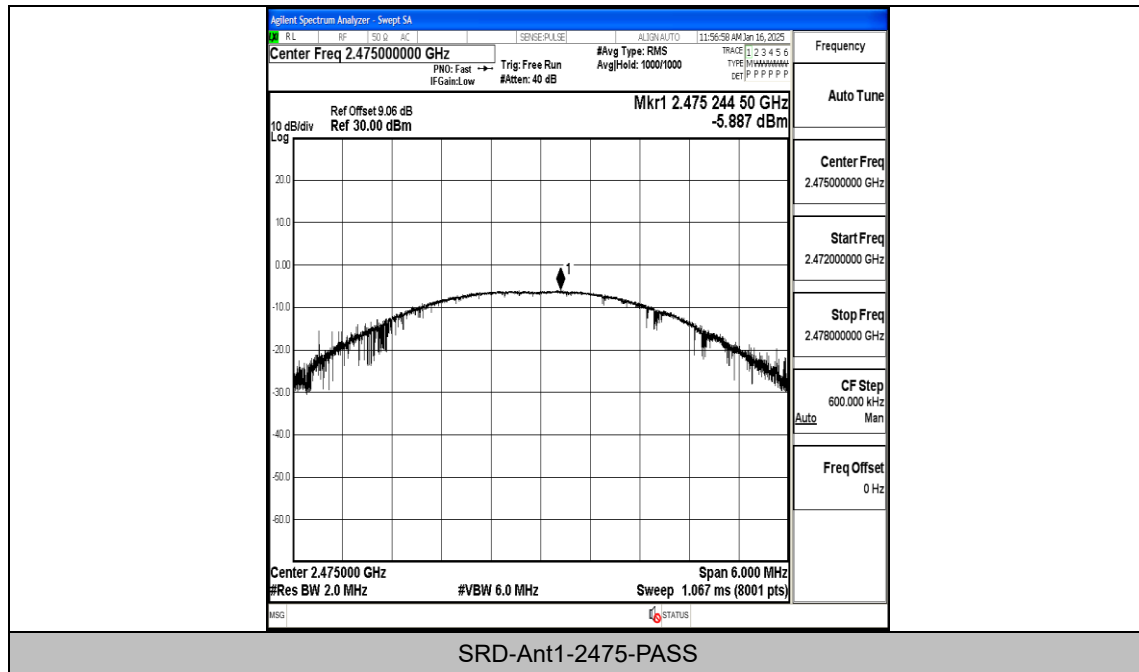
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2405	-5.86	≤30	PASS
SRD	Ant1	2450	-6.08	≤30	PASS
SRD	Ant1	2475	-5.89	≤30	PASS

Test Graphs Peak



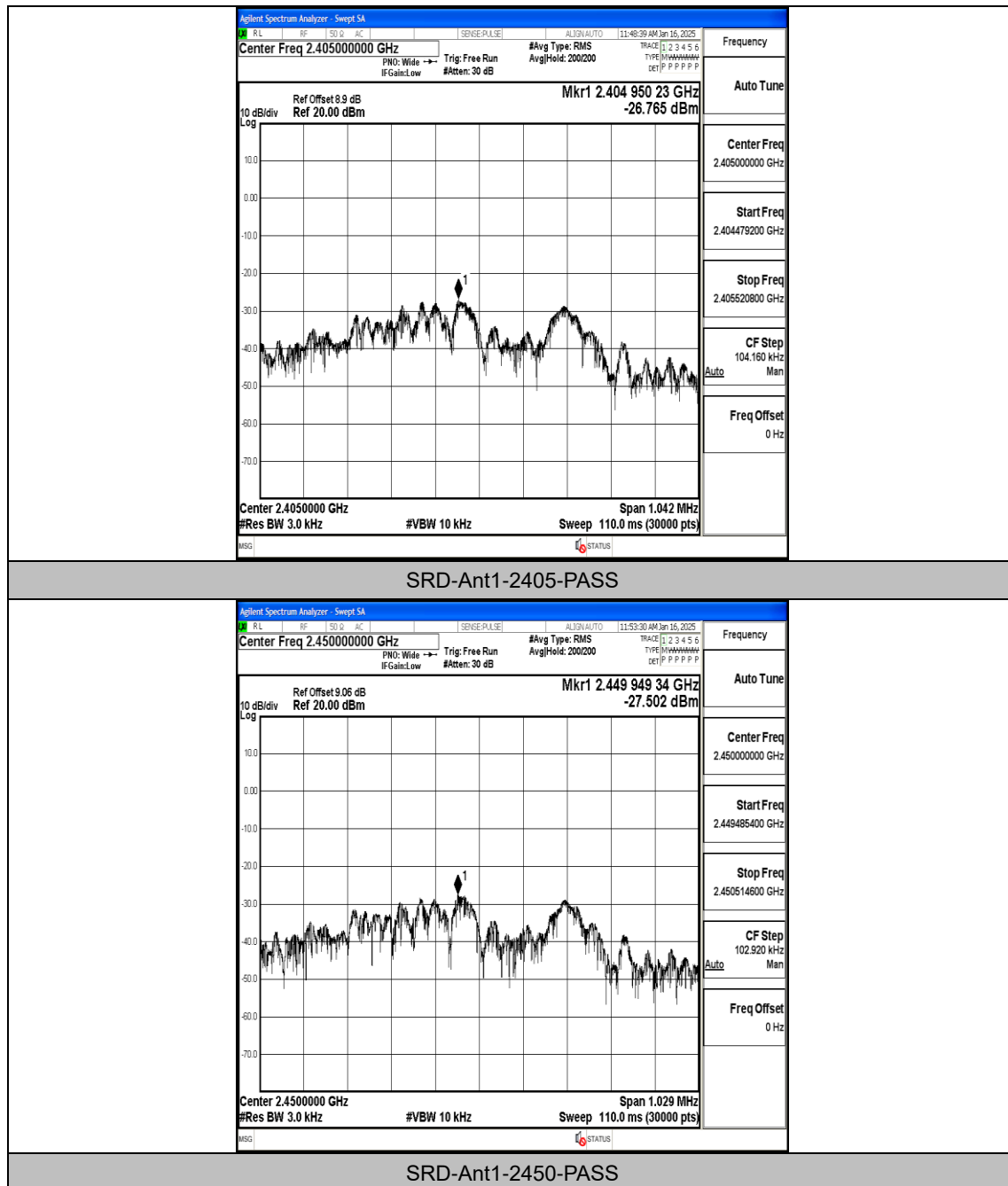


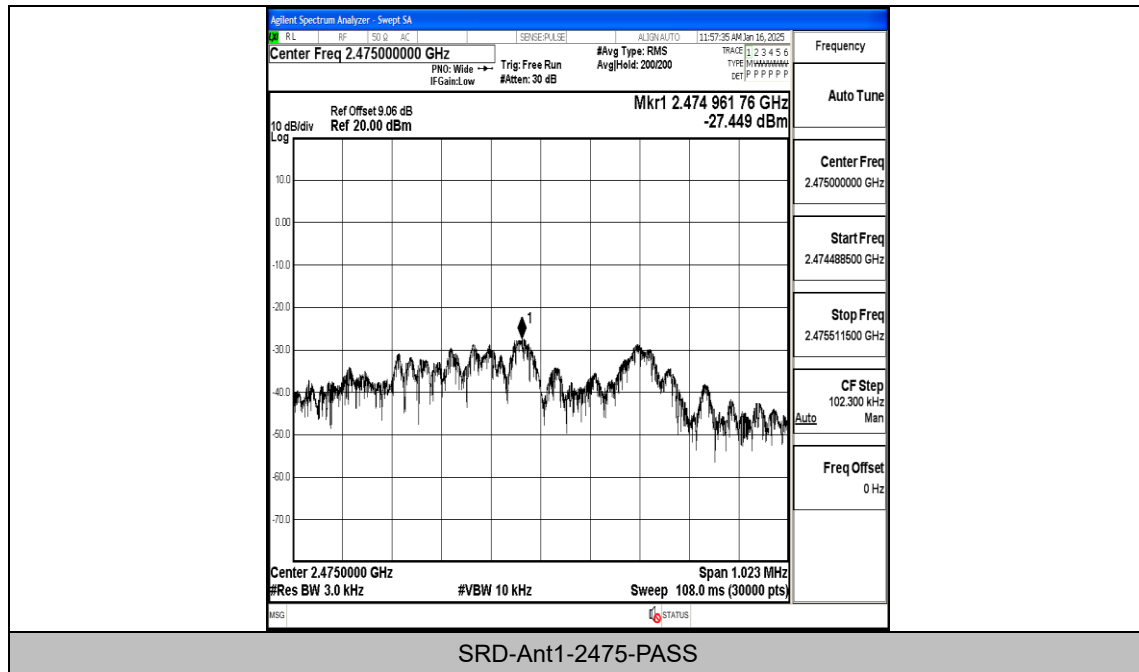
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2405	-26.77	≤8.00	PASS
SRD	Ant1	2450	-27.50	≤8.00	PASS
SRD	Ant1	2475	-27.45	≤8.00	PASS

Test Graphs



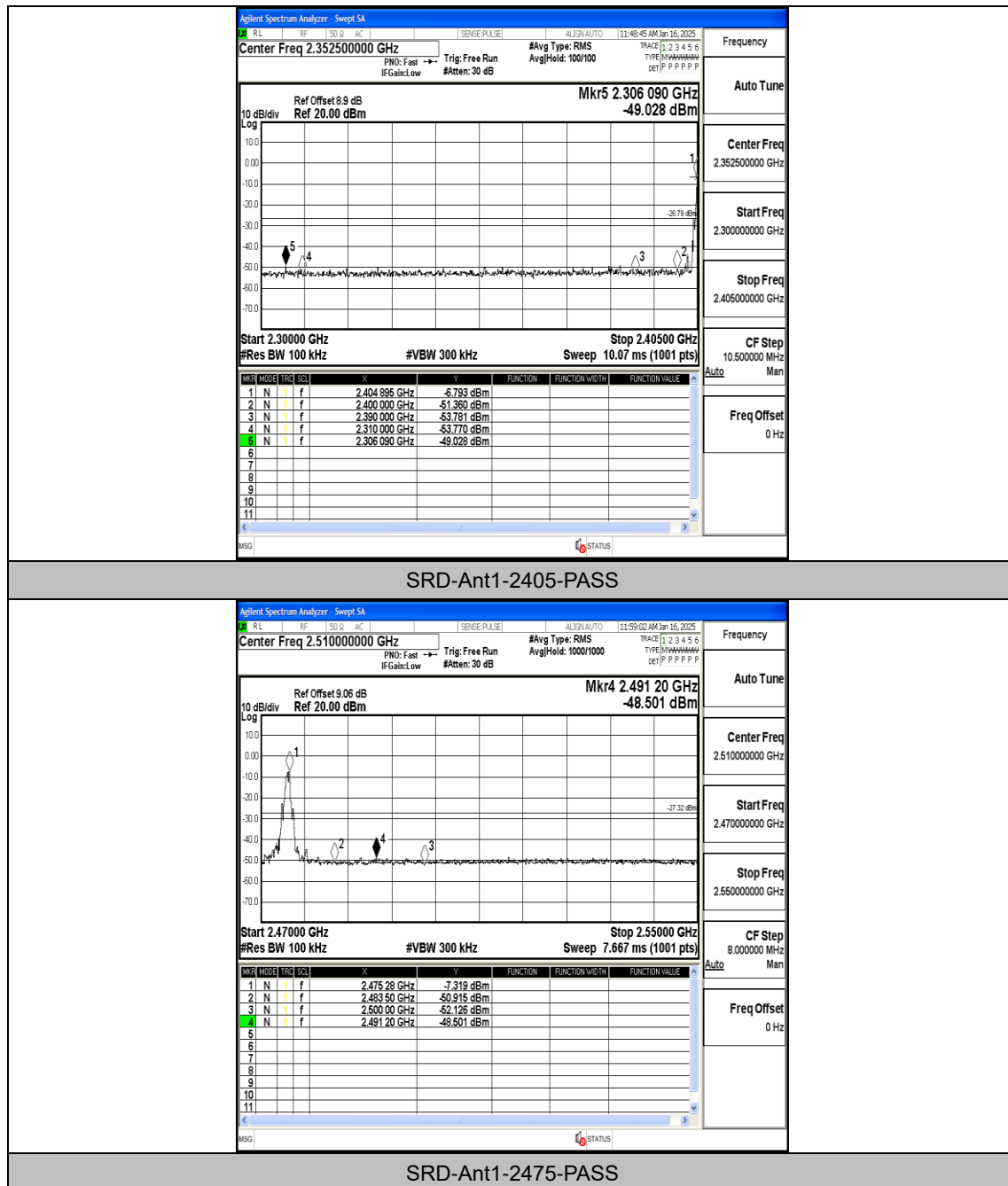


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	-6.79	-49.03	≤ -26.79	PASS
SRD	Ant1	High	2475	-7.32	-48.5	≤ -27.32	PASS

Test Graphs

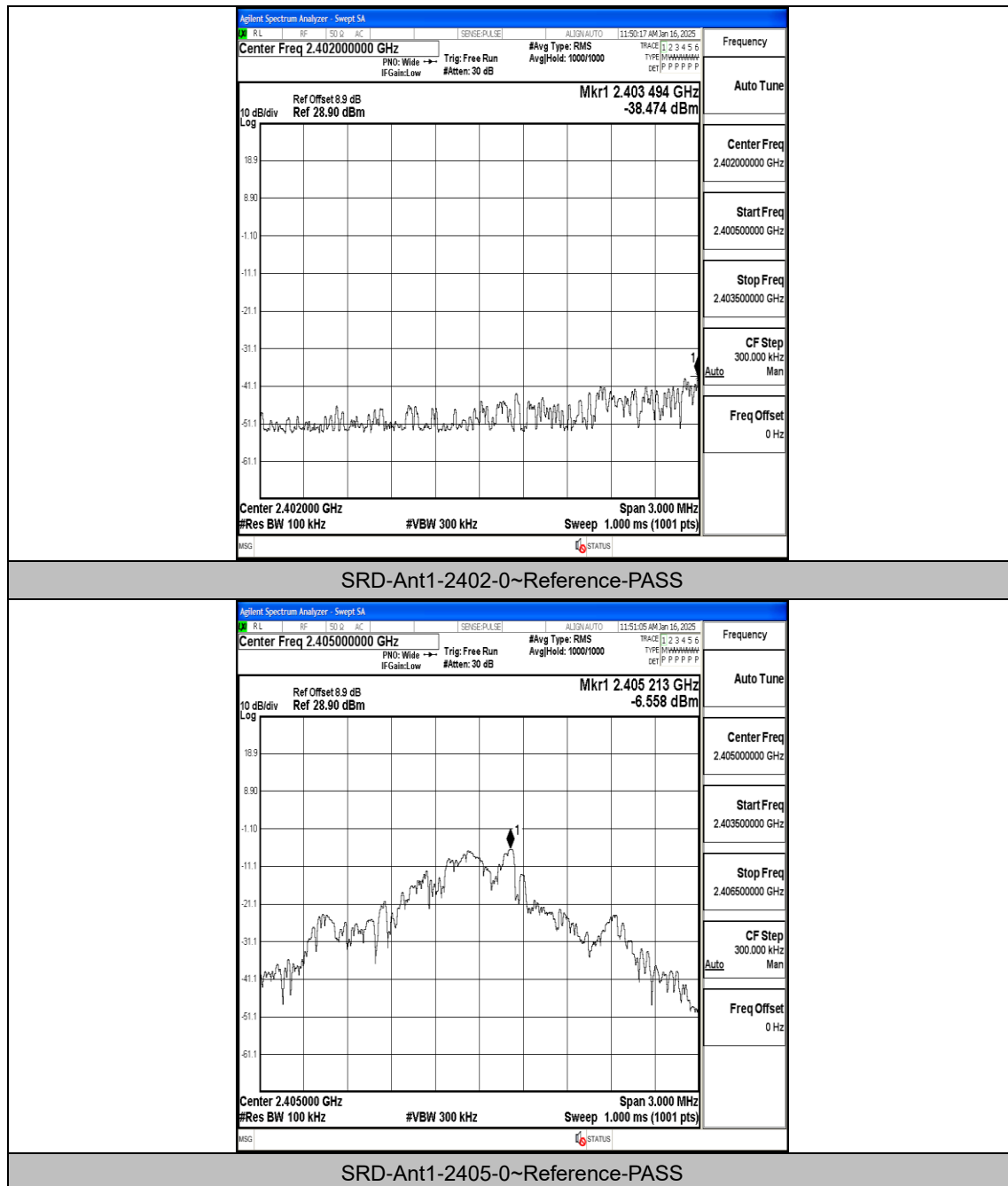


Appendix F: Conducted Spurious Emission

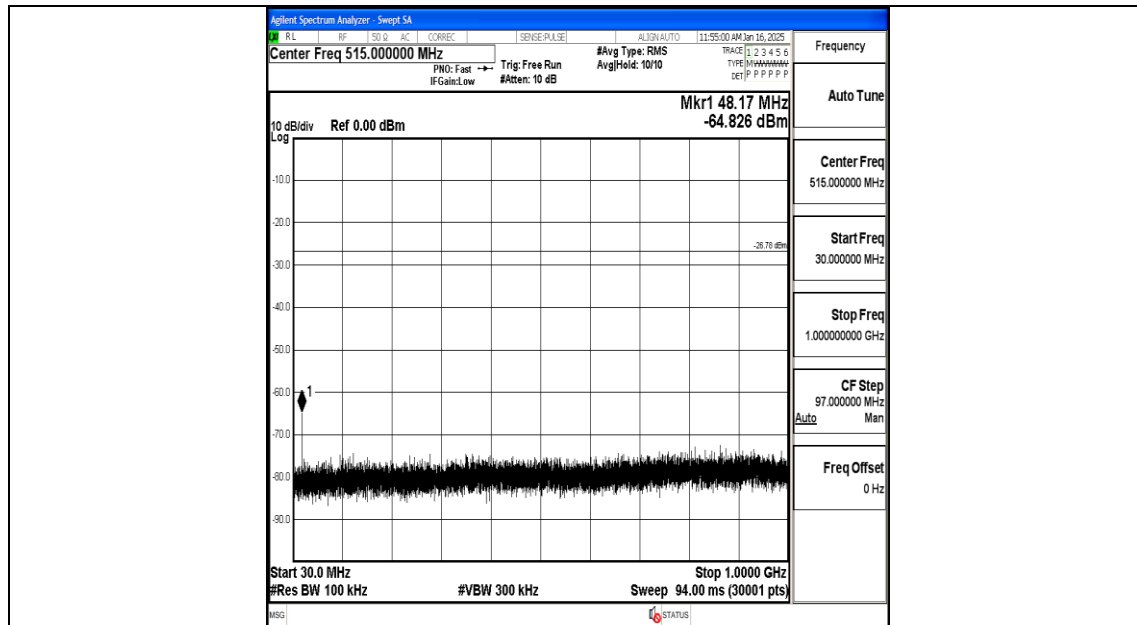
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2402	0~Reference	-38.47	-38.47	---	PASS
SRD	Ant1	2405	0~Reference	-6.56	-6.56	---	PASS
SRD	Ant1	2405	30~1000	-6.56	-61.81	≤-26.56	PASS
SRD	Ant1	2405	1000~26500	-6.56	-39.01	≤-26.56	PASS
SRD	Ant1	2450	0~Reference	-6.78	-6.78	---	PASS
SRD	Ant1	2450	30~1000	-6.78	-64.83	≤-26.78	PASS
SRD	Ant1	2450	1000~26500	-6.78	-55.03	≤-26.78	PASS
SRD	Ant1	2475	0~Reference	-6.66	-6.66	---	PASS
SRD	Ant1	2475	30~1000	-6.66	-67.85	≤-26.66	PASS
SRD	Ant1	2475	1000~26500	-6.66	-47.99	≤-26.66	PASS

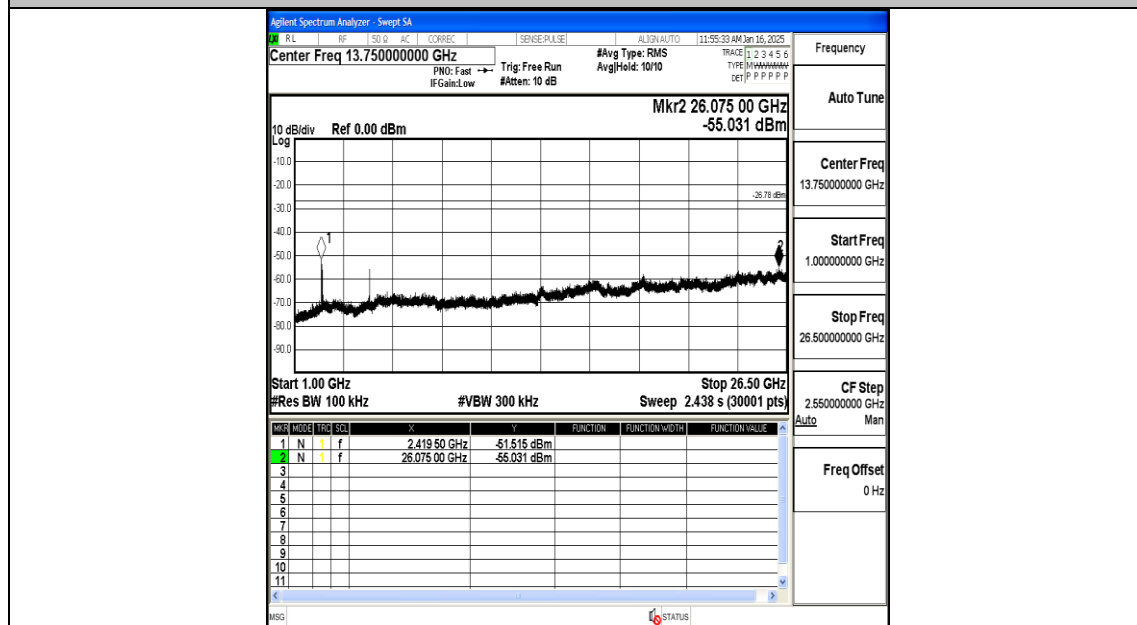
Test Graphs



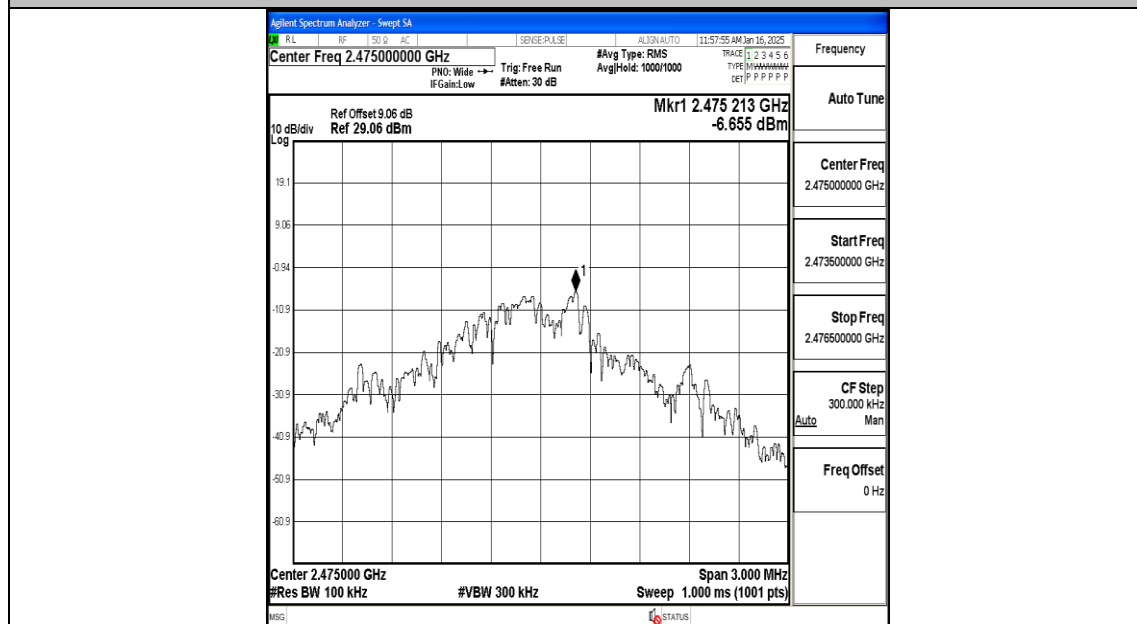




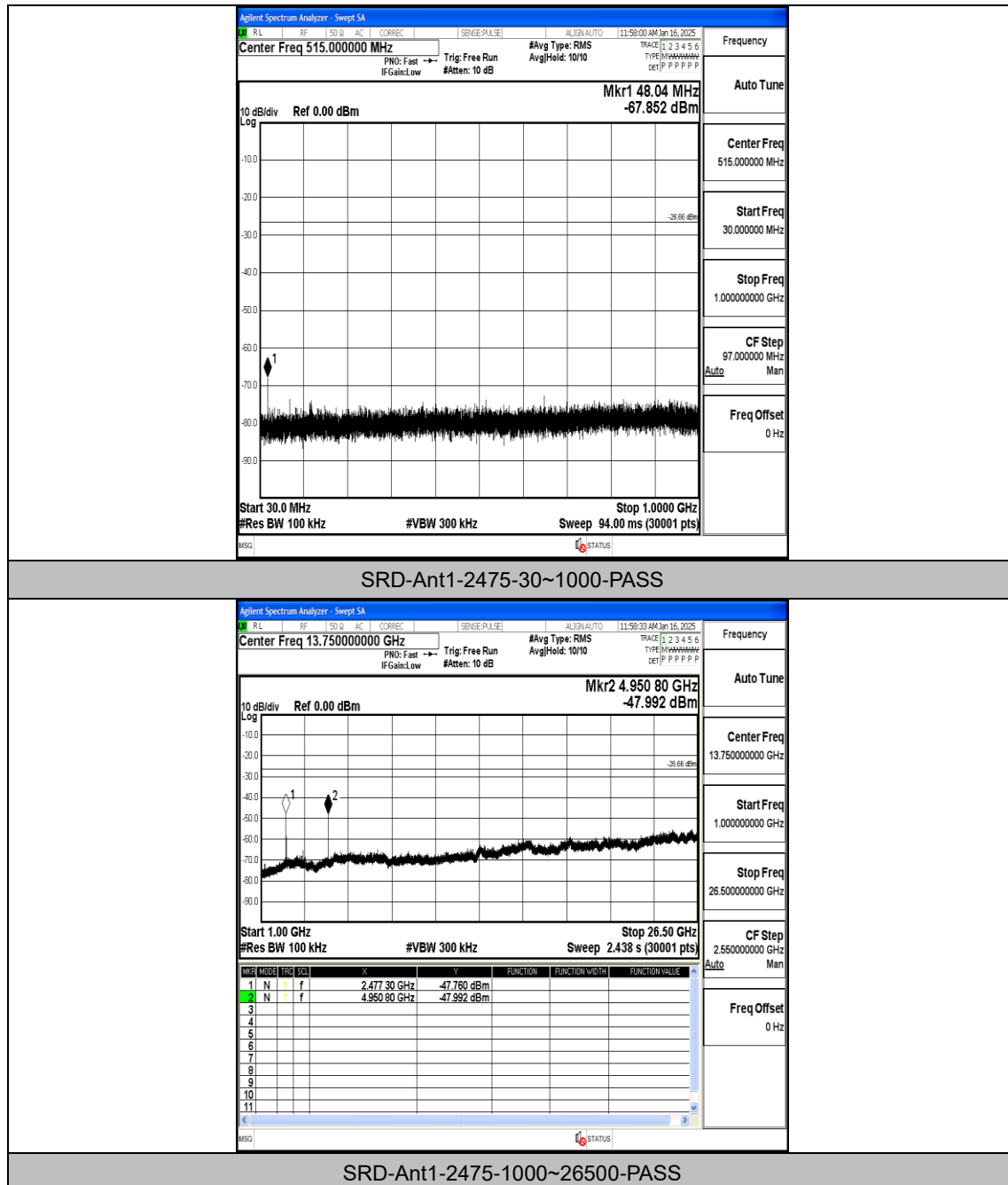
SRD-Ant1-2450-30~1000-PASS



SRD-Ant1-2450-1000~26500-PASS



SRD-Ant1-2475-0~Reference-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	2405	0.05	8.06	0.62	22.08
SRD	Ant1	2450	0.06	8.07	0.74	21.31
SRD	Ant1	2475	0.05	8.06	0.62	22.08

Test Graphs

