

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Shark remote control car

Trade Mark: /

Test Model: LH-C084S

FCC ID: 2AJGI-C084S

Environmental Conditions

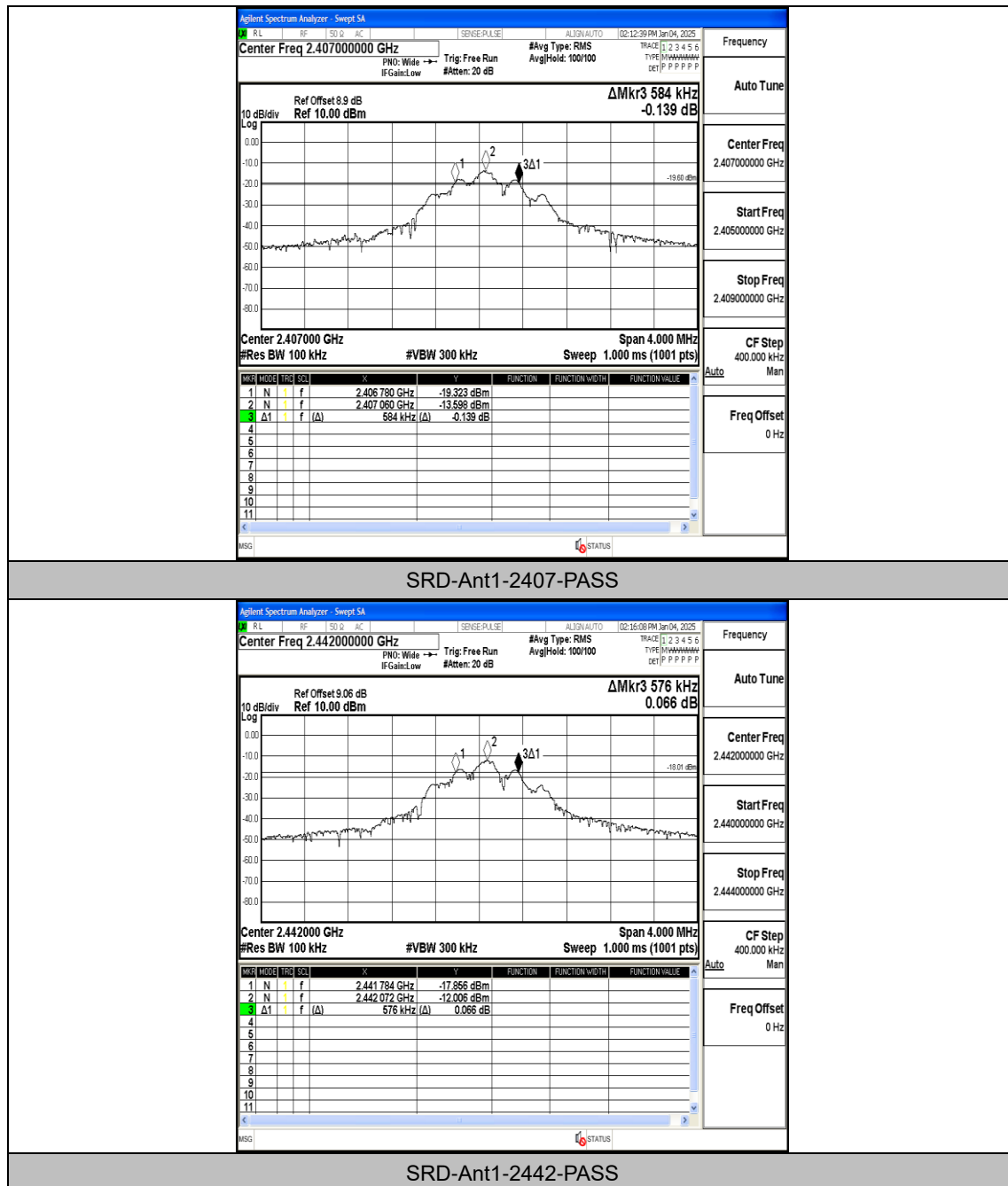
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

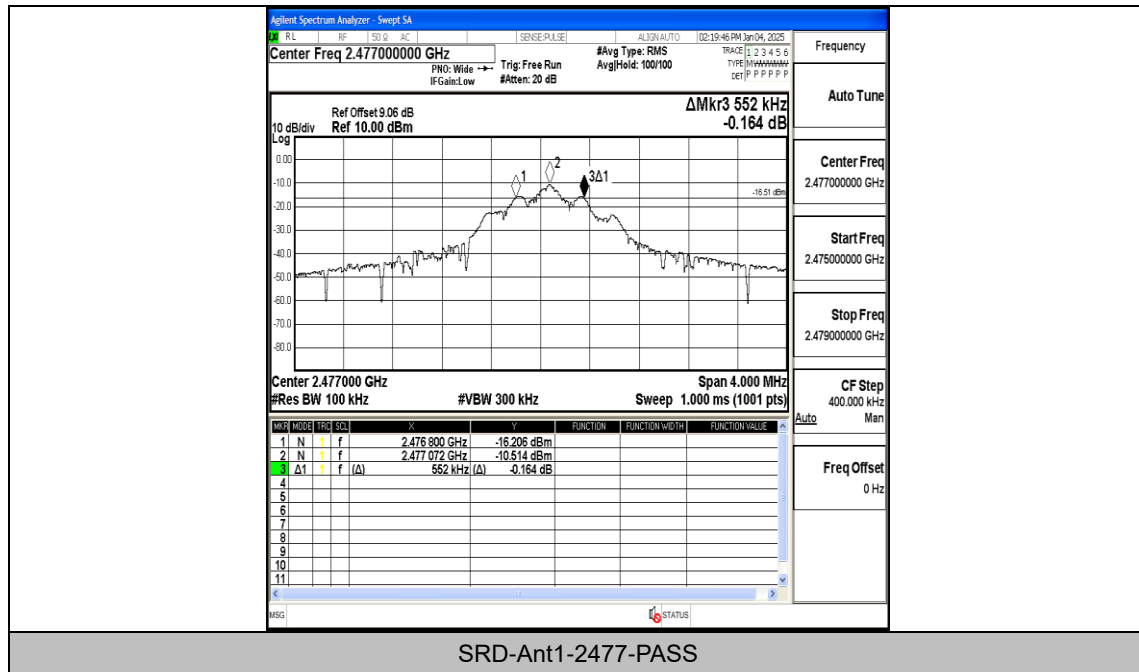
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2407	0.584	2406.780	2407.364	0.5	PASS
SRD	Ant1	2442	0.576	2441.784	2442.360	0.5	PASS
SRD	Ant1	2477	0.552	2476.800	2477.352	0.5	PASS

Test Graphs



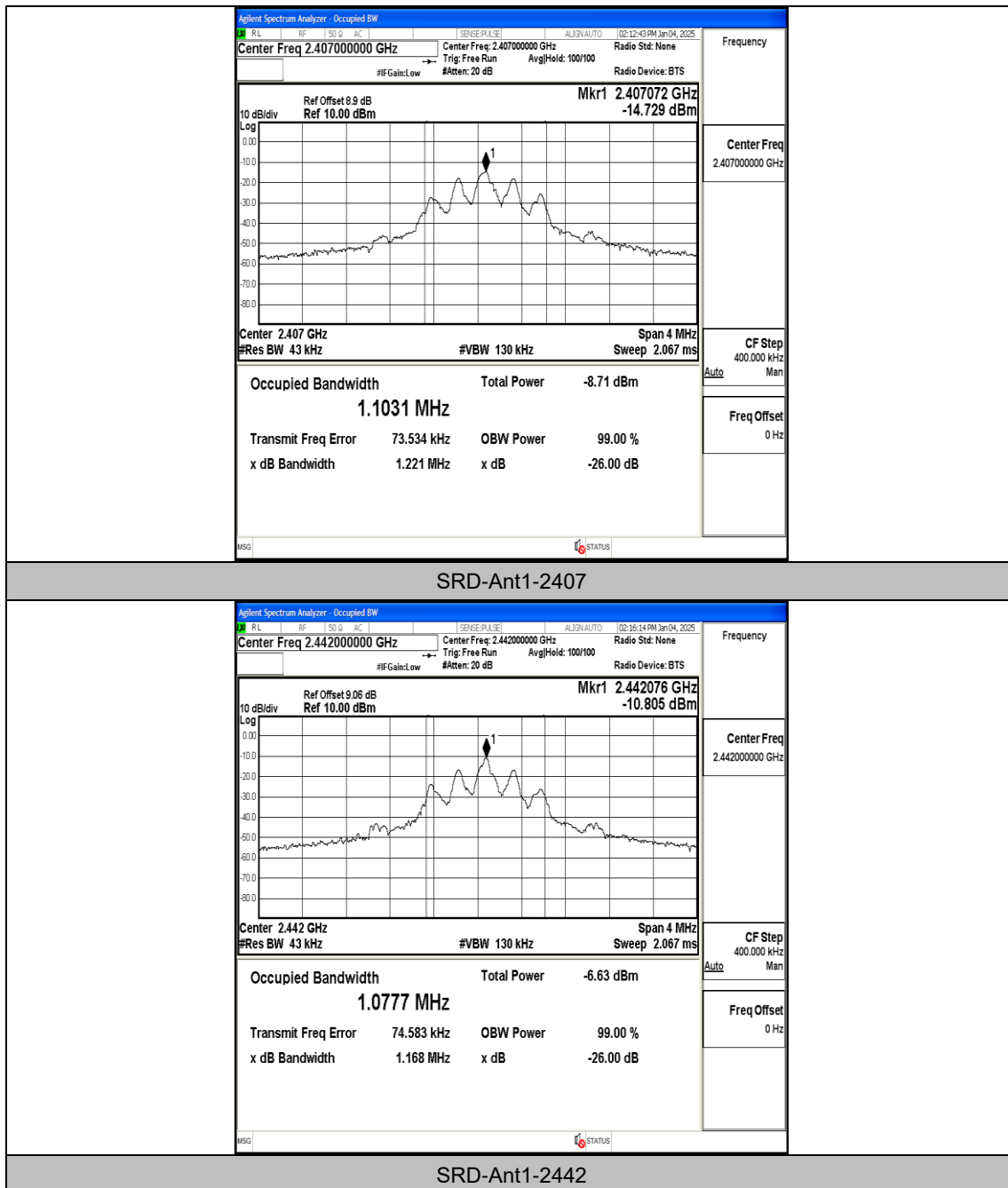


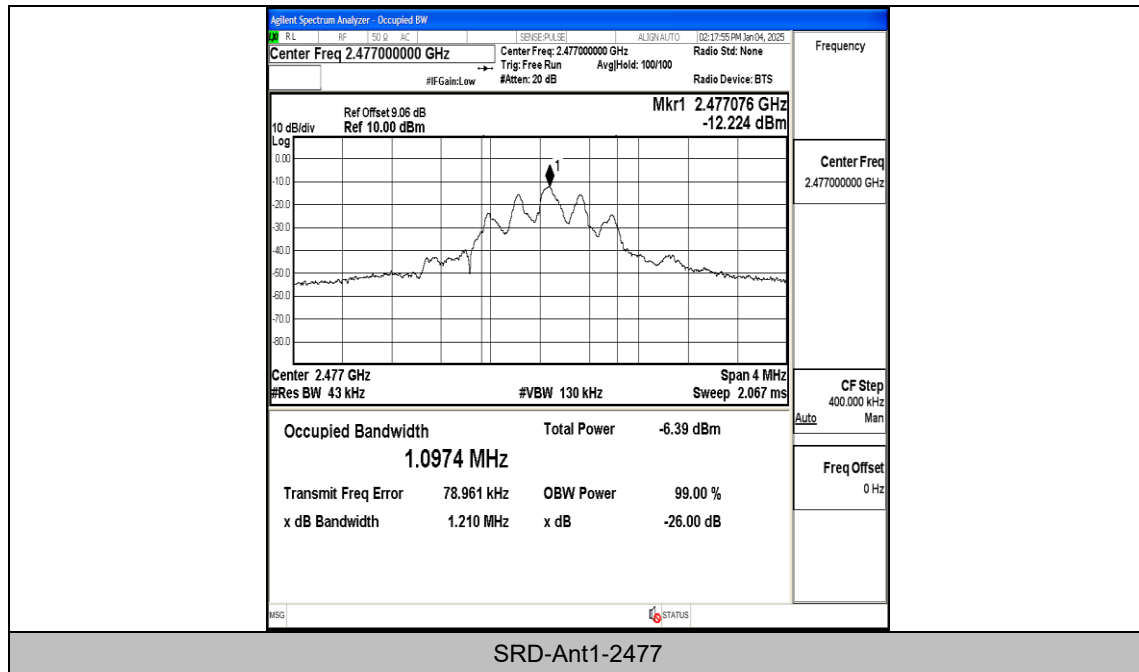
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2407	1.1031	2406.5220	2407.6251	---	---
SRD	Ant1	2442	1.0777	2441.5357	2442.6134	---	---
SRD	Ant1	2477	1.0974	2476.5303	2477.6277	---	---

Test Graphs



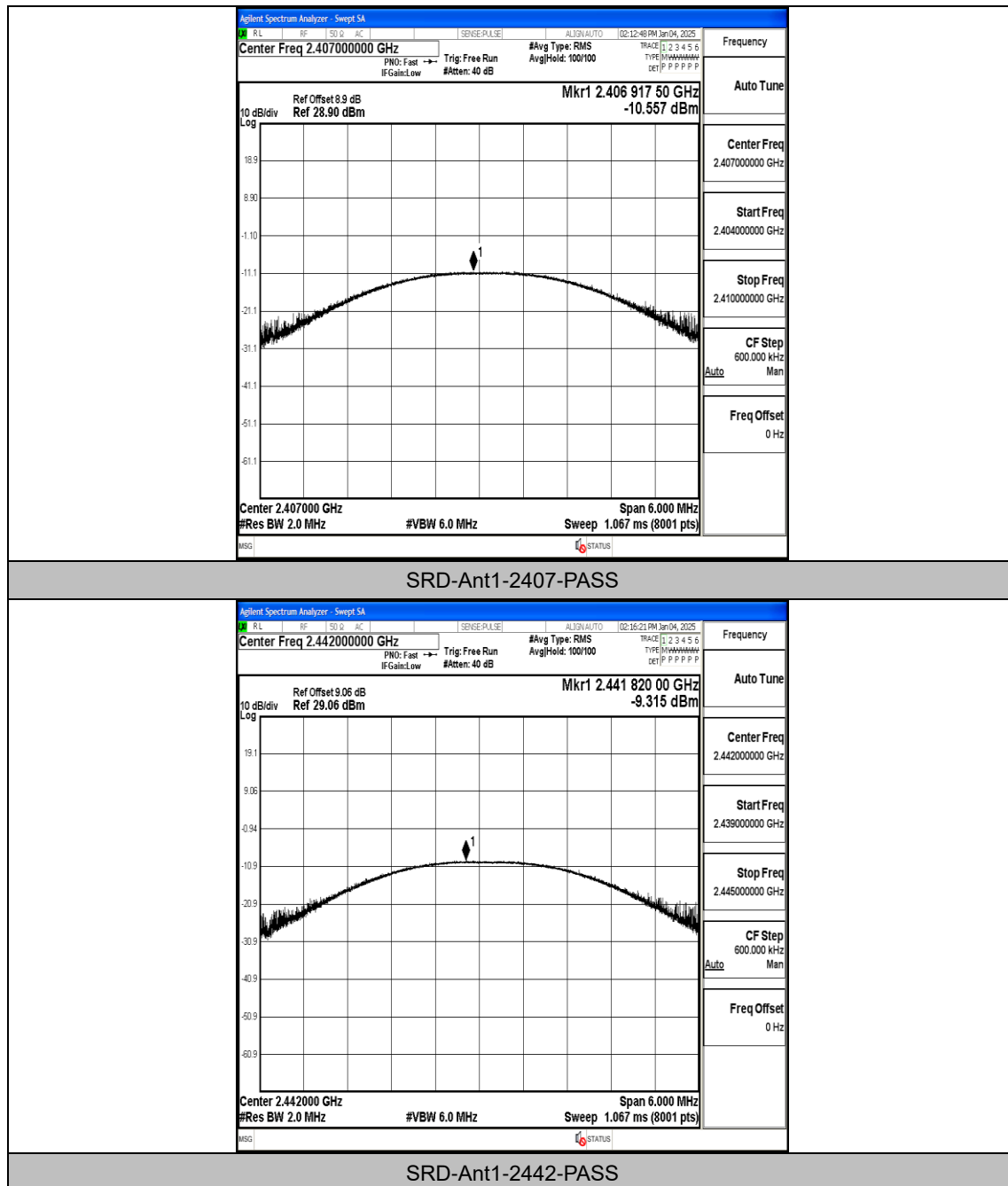


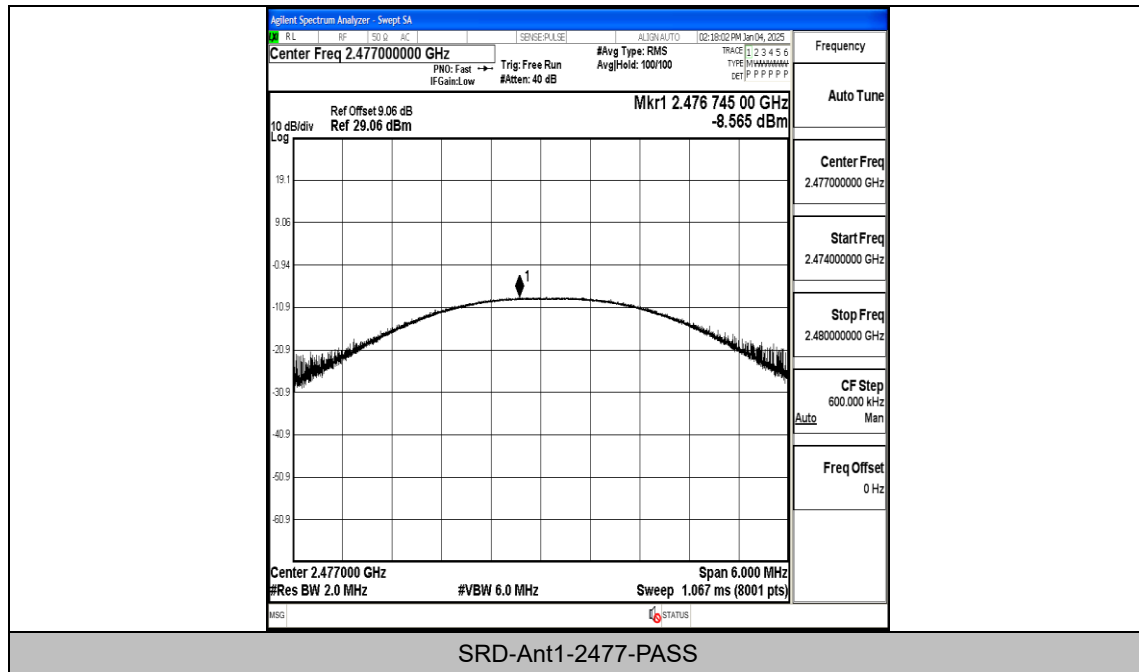
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2407	-10.56	≤30	PASS
SRD	Ant1	2442	-9.32	≤30	PASS
SRD	Ant1	2477	-8.57	≤30	PASS

Test Graphs Peak



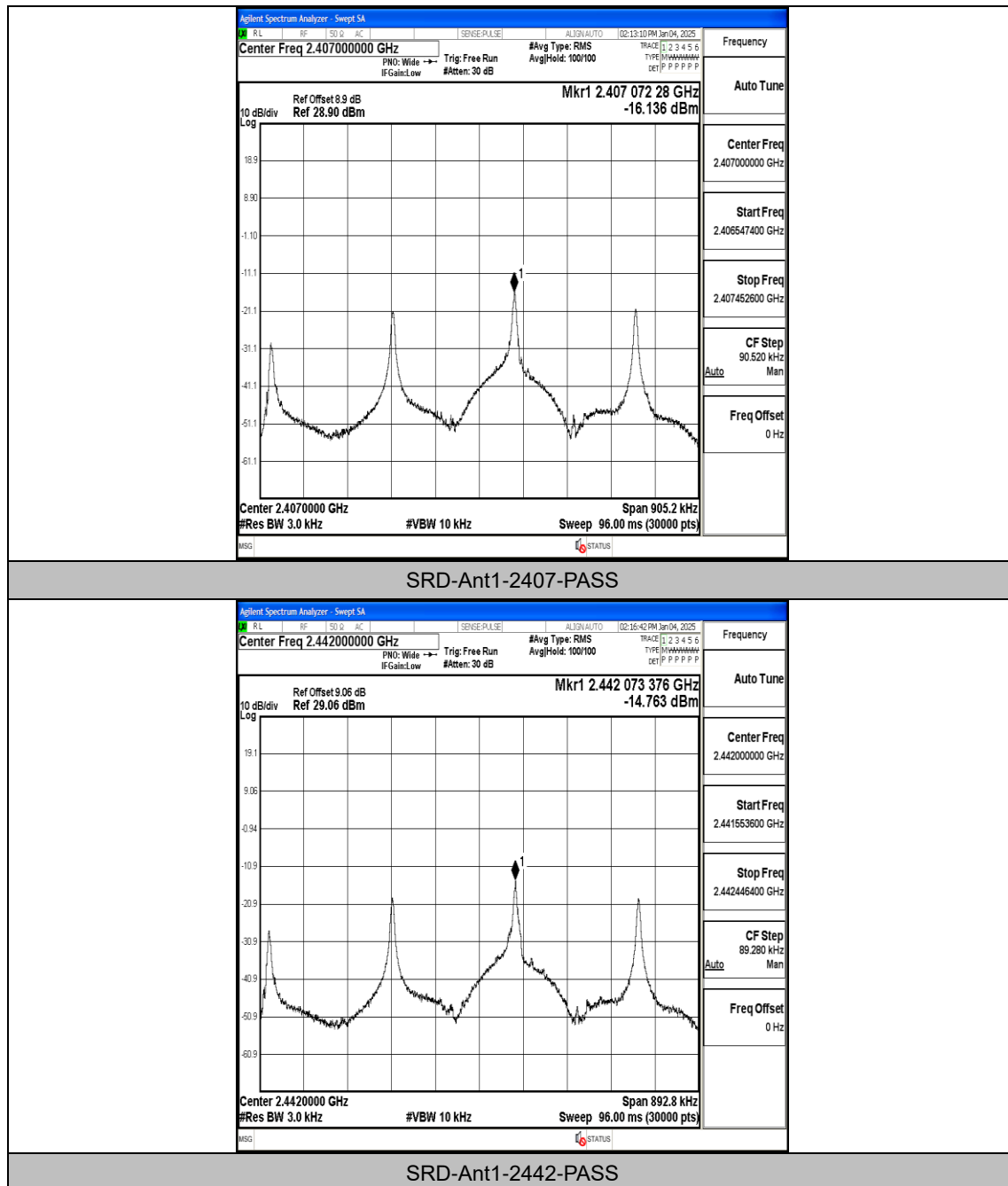


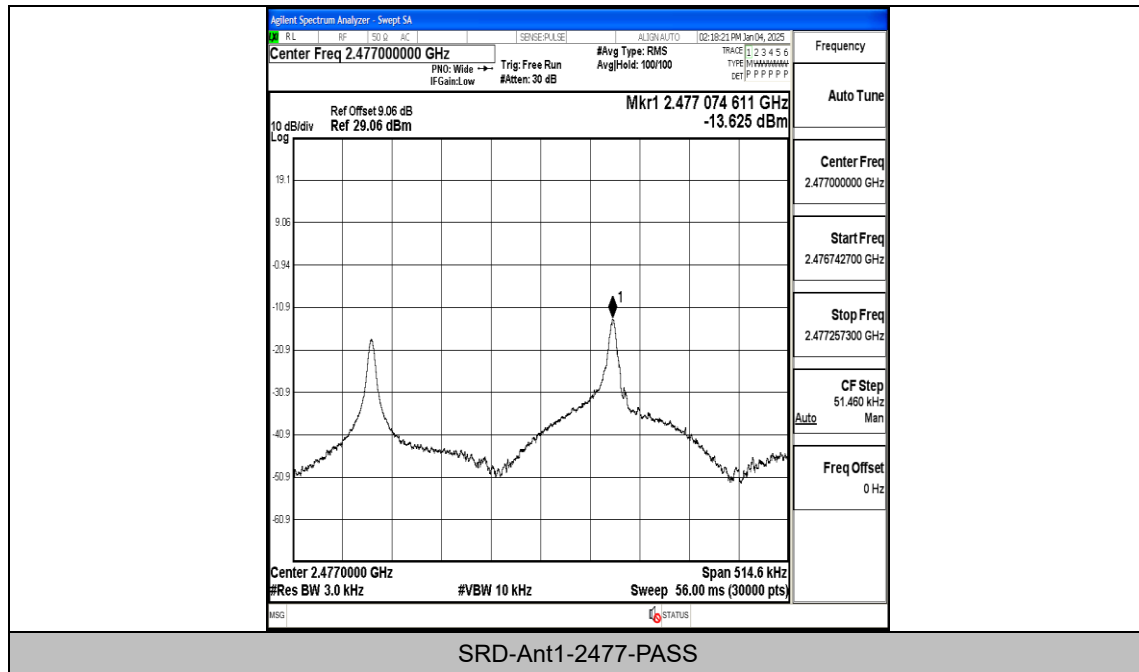
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2407	-16.14	≤8.00	PASS
SRD	Ant1	2442	-14.76	≤8.00	PASS
SRD	Ant1	2477	-13.63	≤8.00	PASS

Test Graphs



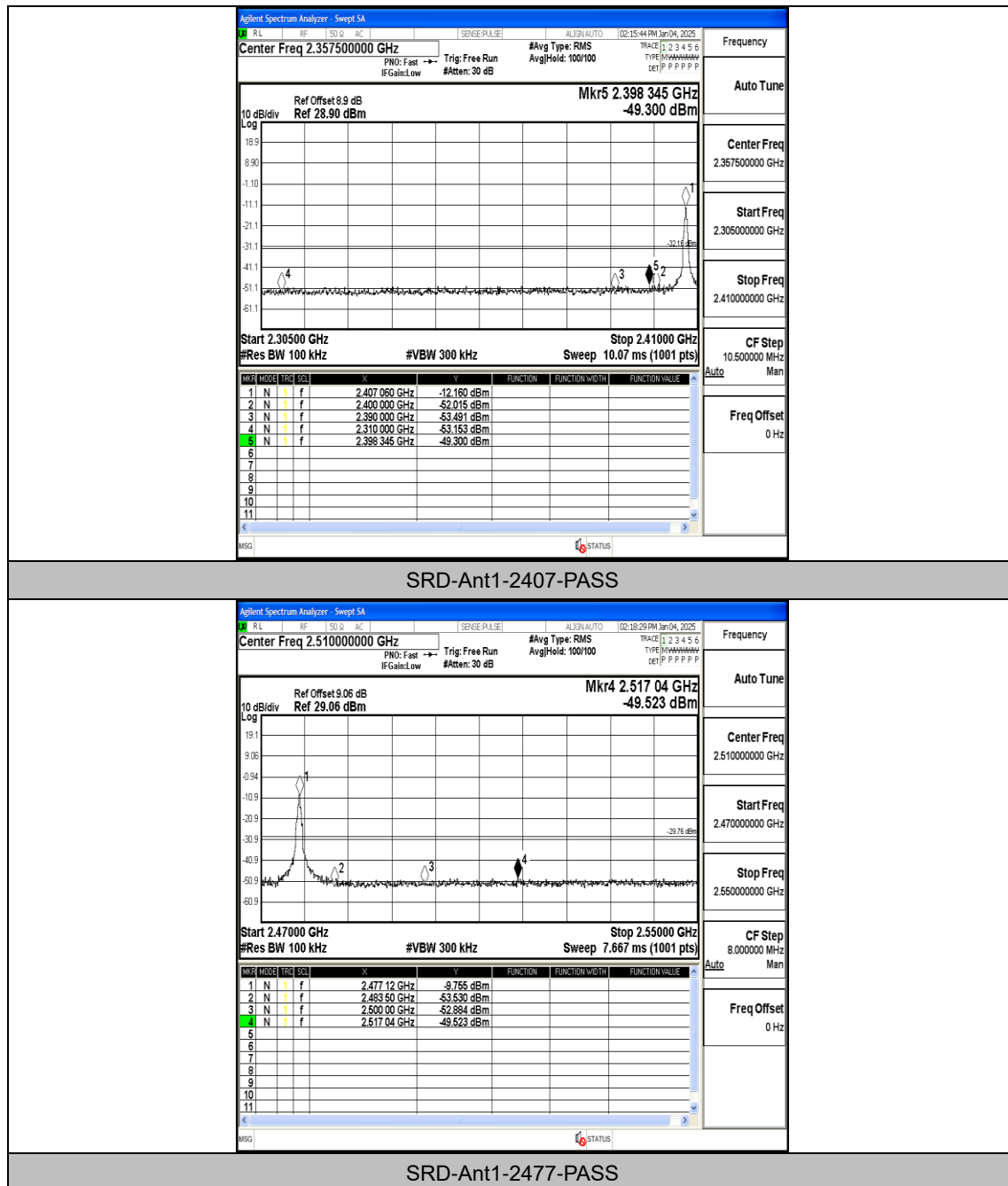


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2407	-12.16	-49.3	≤ -32.16	PASS
SRD	Ant1	High	2477	-9.76	-49.52	≤ -29.76	PASS

Test Graphs

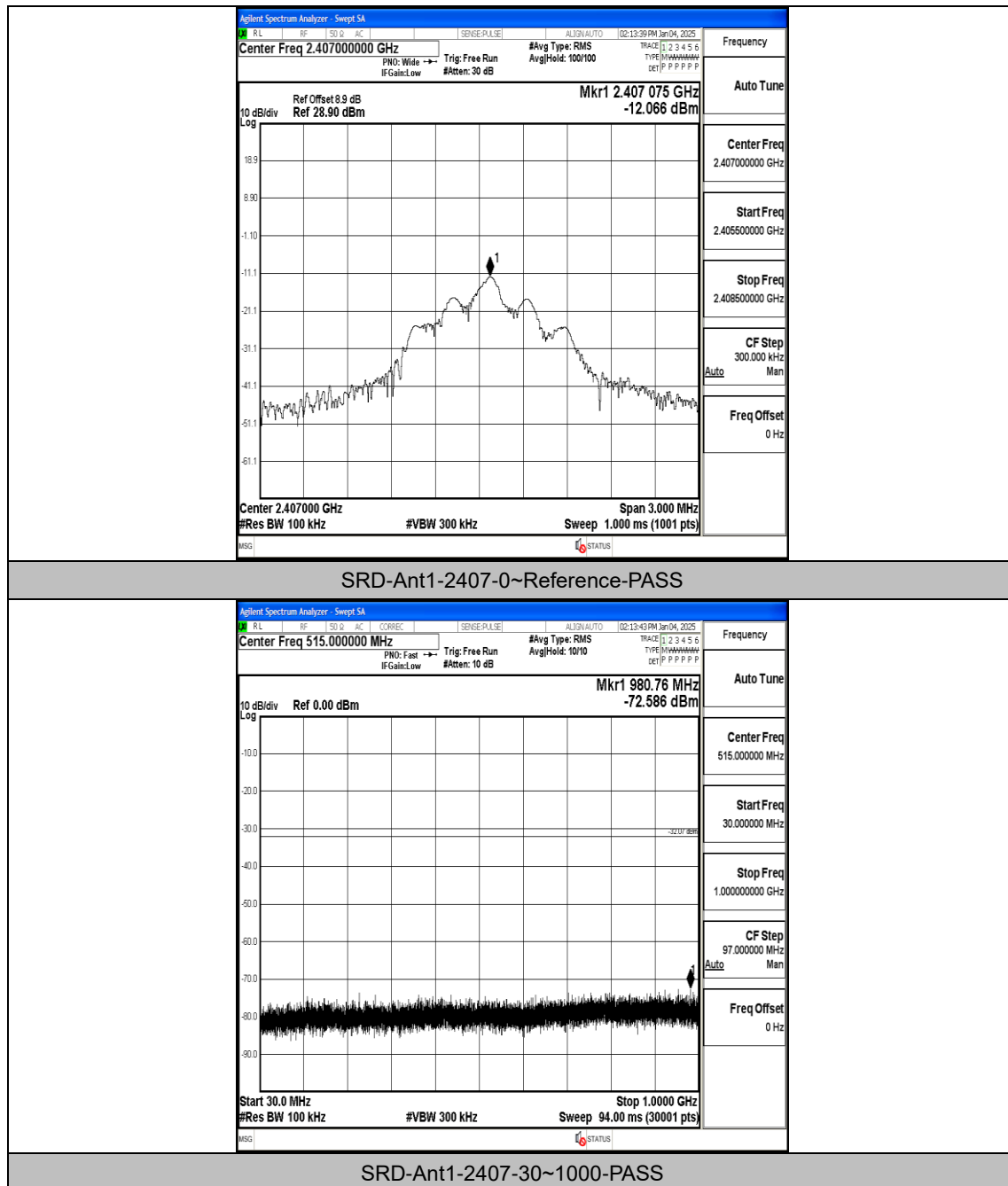


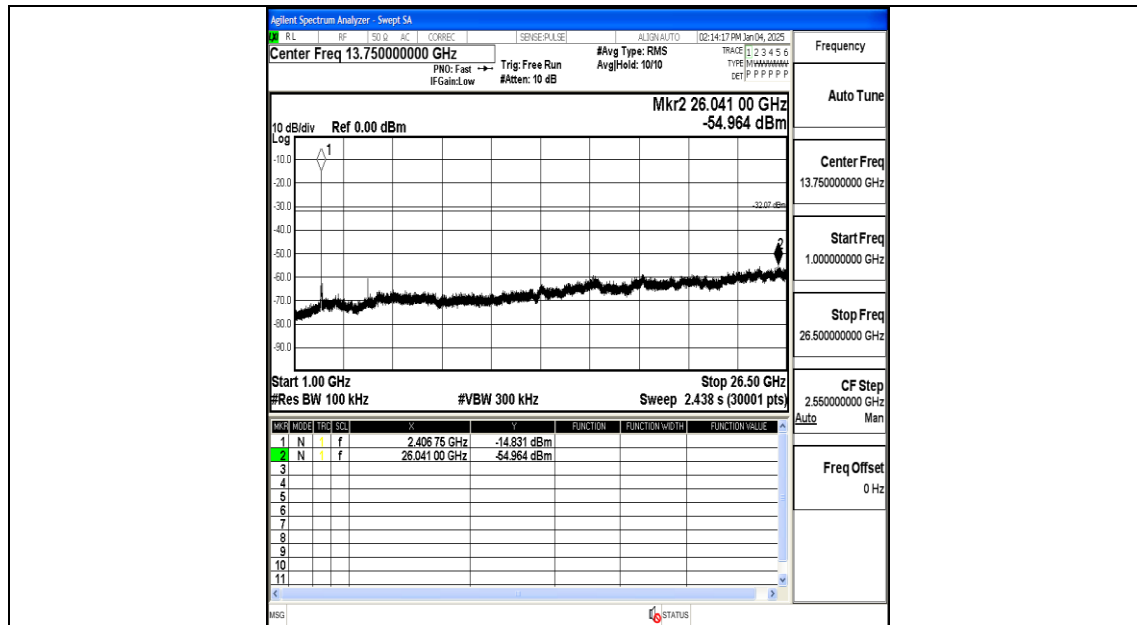
Appendix F: Conducted Spurious Emission

Test Result

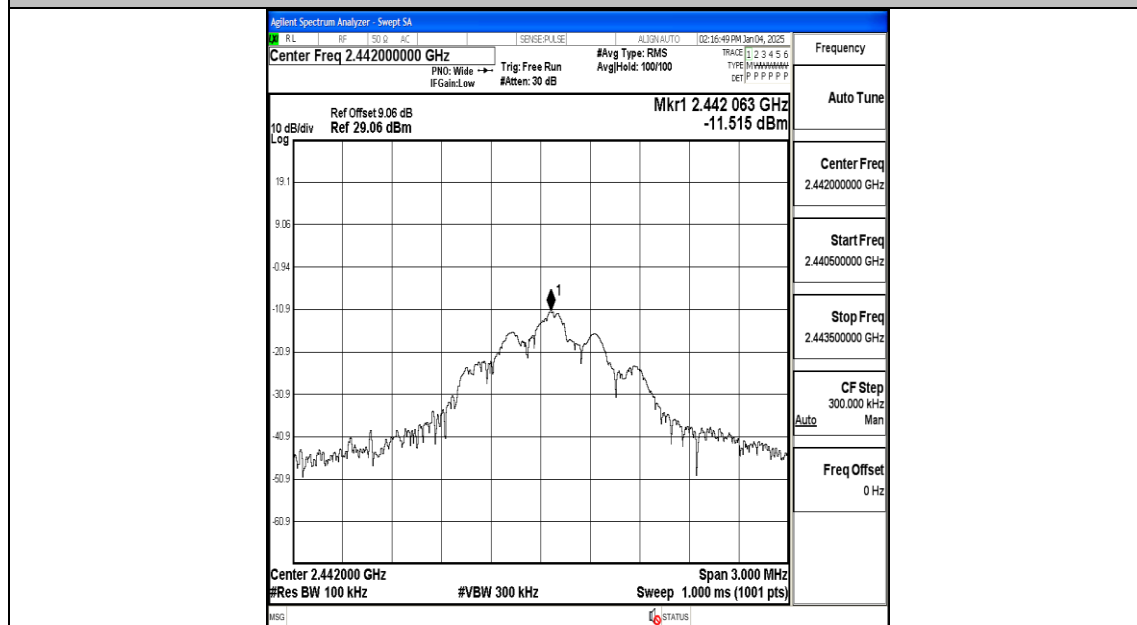
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2407	0~Reference	-12.07	-12.07	---	PASS
SRD	Ant1	2407	30~1000	-12.07	-72.59	≤-32.07	PASS
SRD	Ant1	2407	1000~26500	-12.07	-54.96	≤-32.07	PASS
SRD	Ant1	2442	0~Reference	-11.52	-11.52	---	PASS
SRD	Ant1	2442	30~1000	-11.52	-72.12	≤-31.52	PASS
SRD	Ant1	2442	1000~26500	-11.52	-54.92	≤-31.52	PASS
SRD	Ant1	2477	0~Reference	-10.36	-10.36	---	PASS
SRD	Ant1	2477	30~1000	-10.36	-73.17	≤-30.36	PASS
SRD	Ant1	2477	1000~26500	-10.36	-51.75	≤-30.36	PASS

Test Graphs

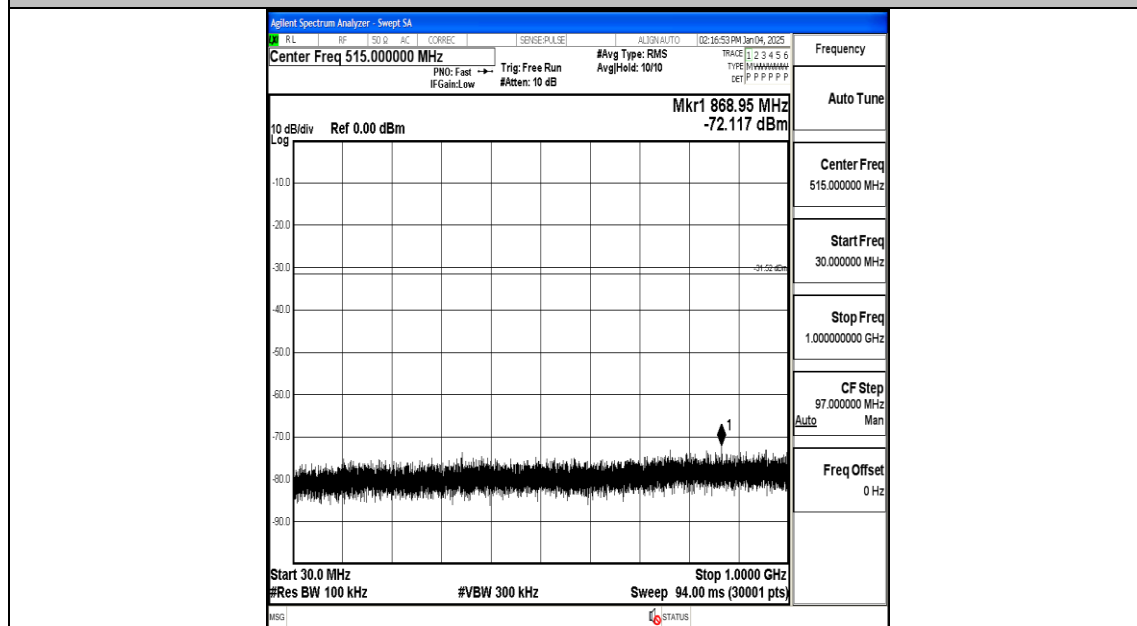




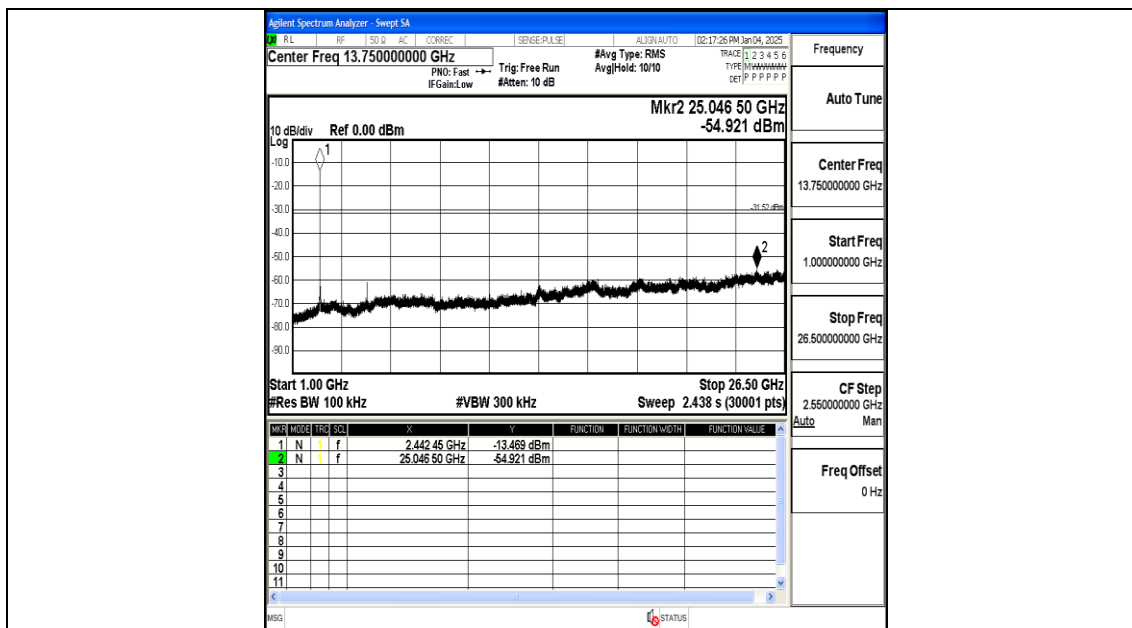
SRD-Ant1-2407-1000~26500-PASS



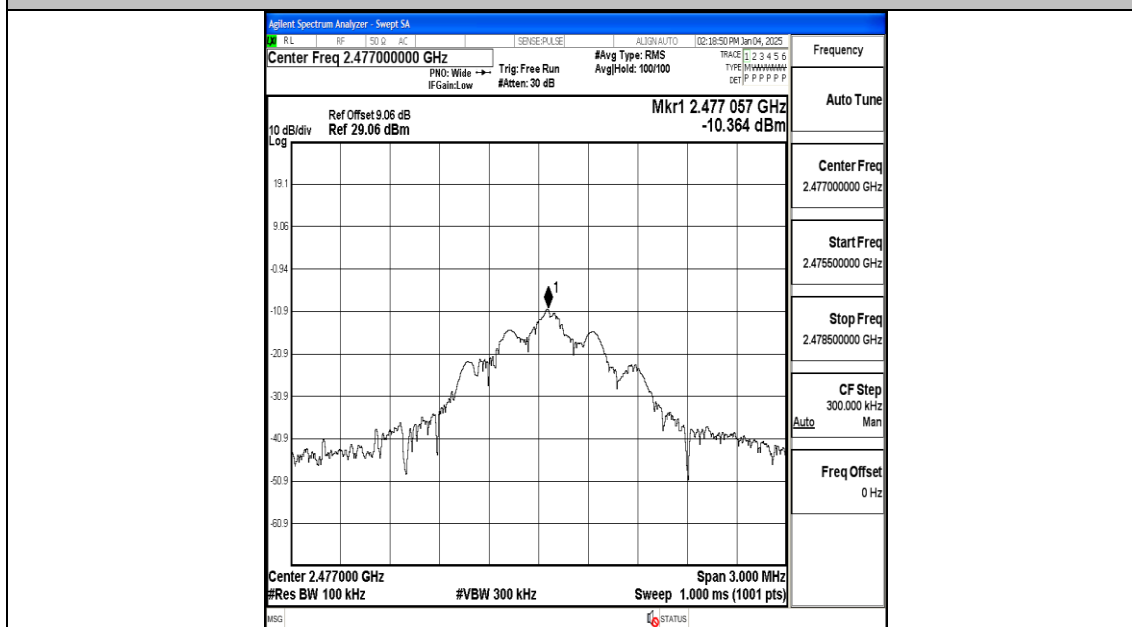
SRD-Ant1-2442-0~Reference-PASS



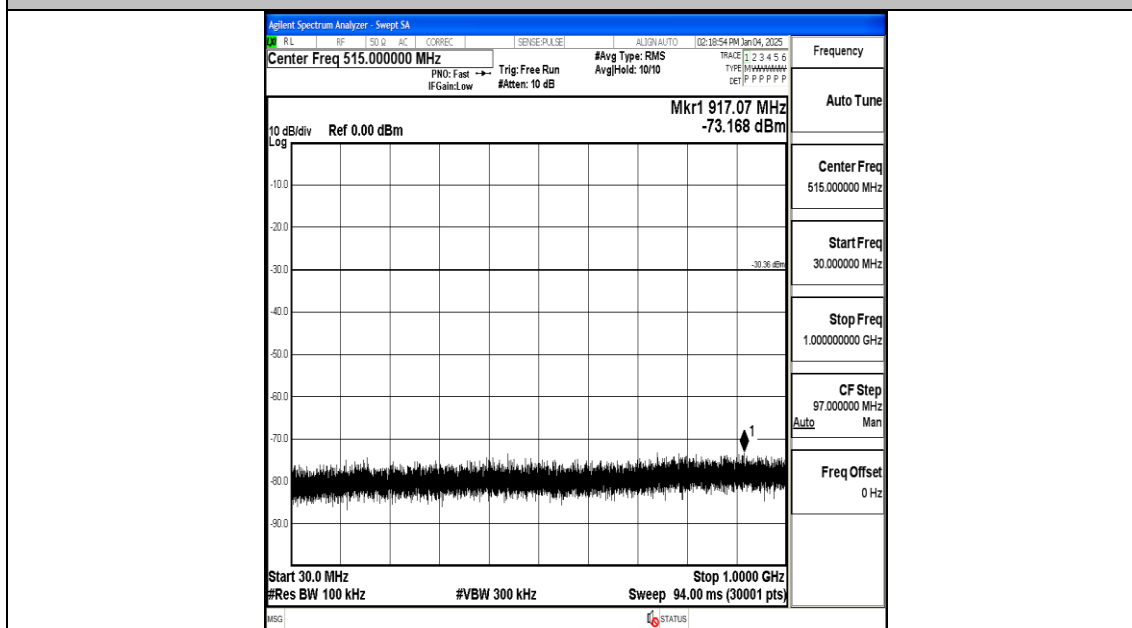
SRD-Ant1-2442-30~1000-PASS



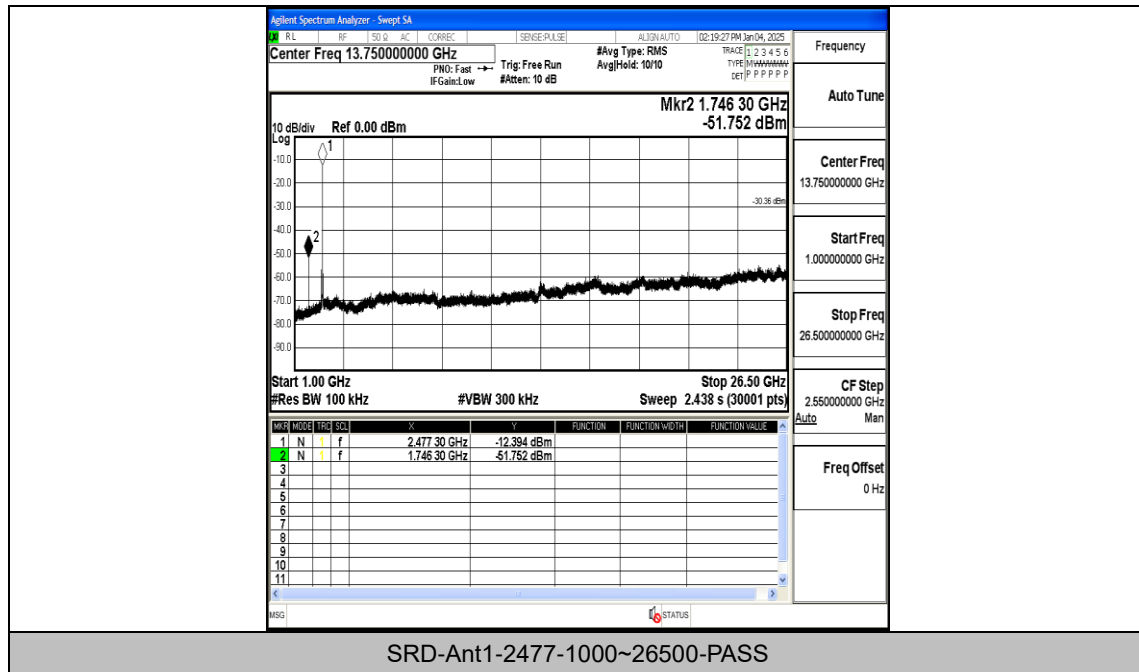
SRD-Ant1-2442-1000~26500-PASS



SRD-Ant1-2477-0~Reference-PASS



SRD-Ant1-2477-30~1000-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	2407	0.18	0.29	62.07	2.07
SRD	Ant1	2442	0.17	0.29	58.62	2.32
SRD	Ant1	2477	0.18	0.29	62.07	2.07

Test Graphs

