

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Remote control car

Trade Mark: /

Test Model: G11

FCC ID: 2BNPKTDTOYG11

Environmental Conditions

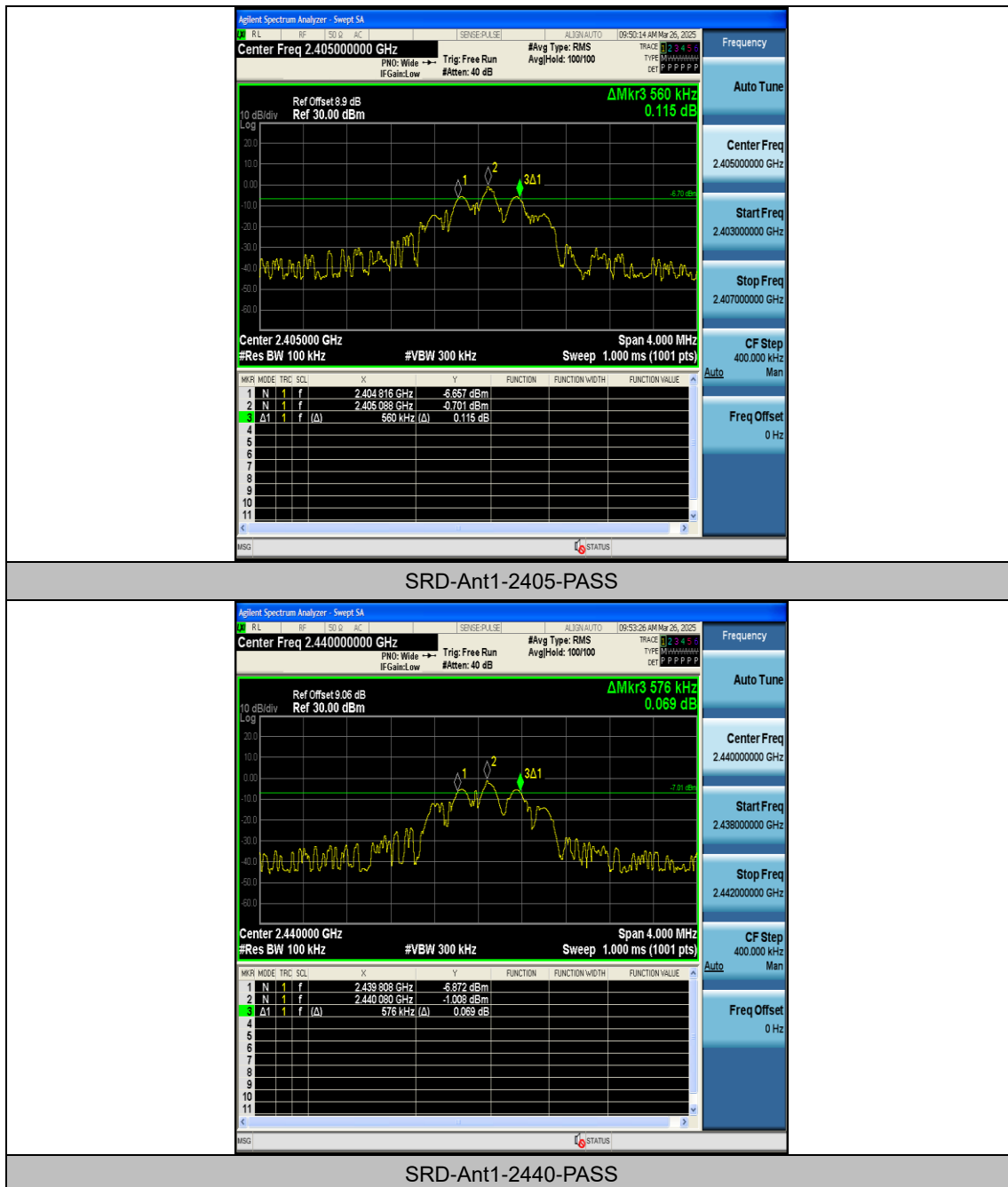
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	0.560	2404.816	2405.376	0.5	PASS
SRD	Ant1	2440	0.576	2439.808	2440.384	0.5	PASS
SRD	Ant1	2475	0.600	2474.800	2475.400	0.5	PASS

Test Graphs



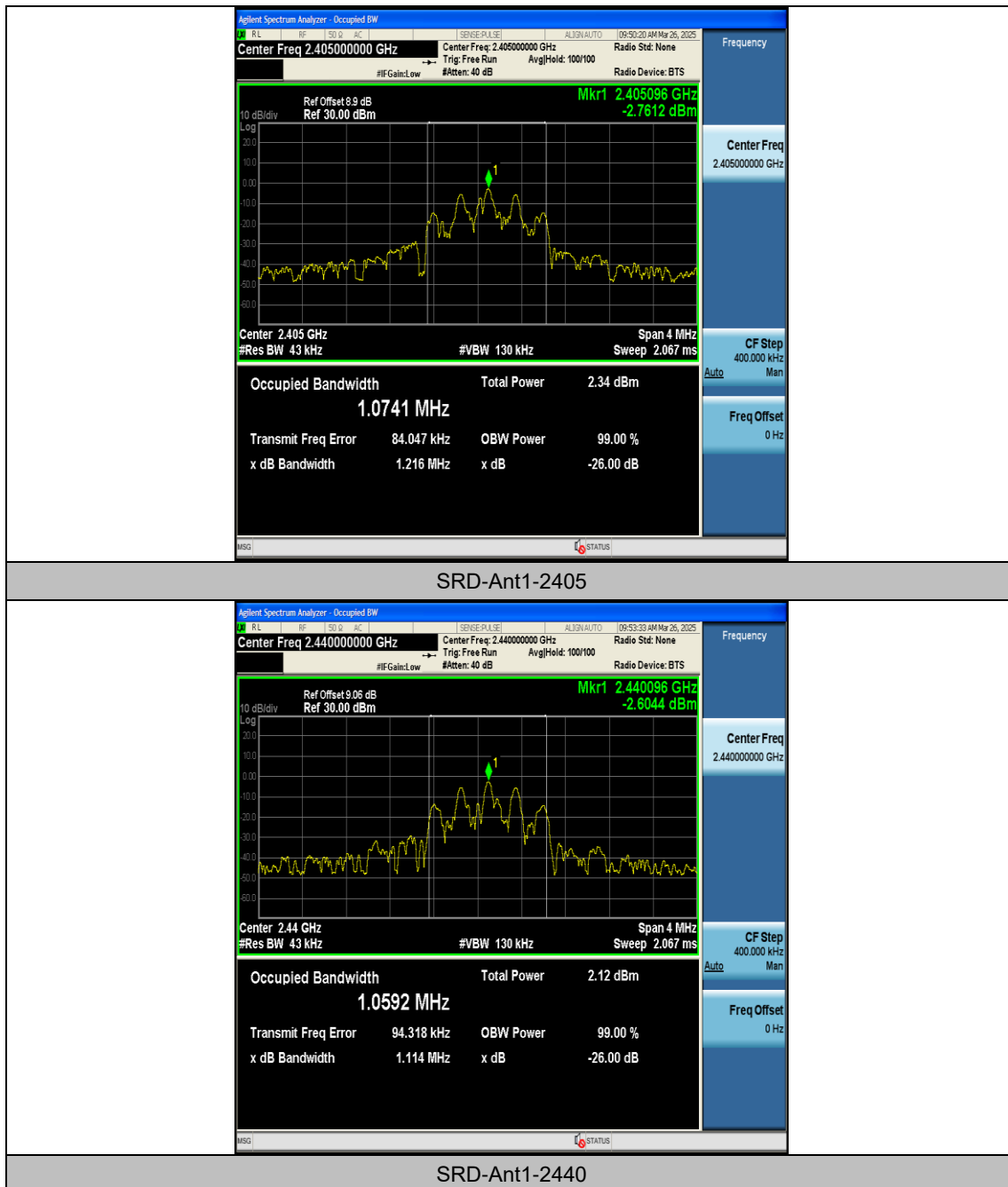


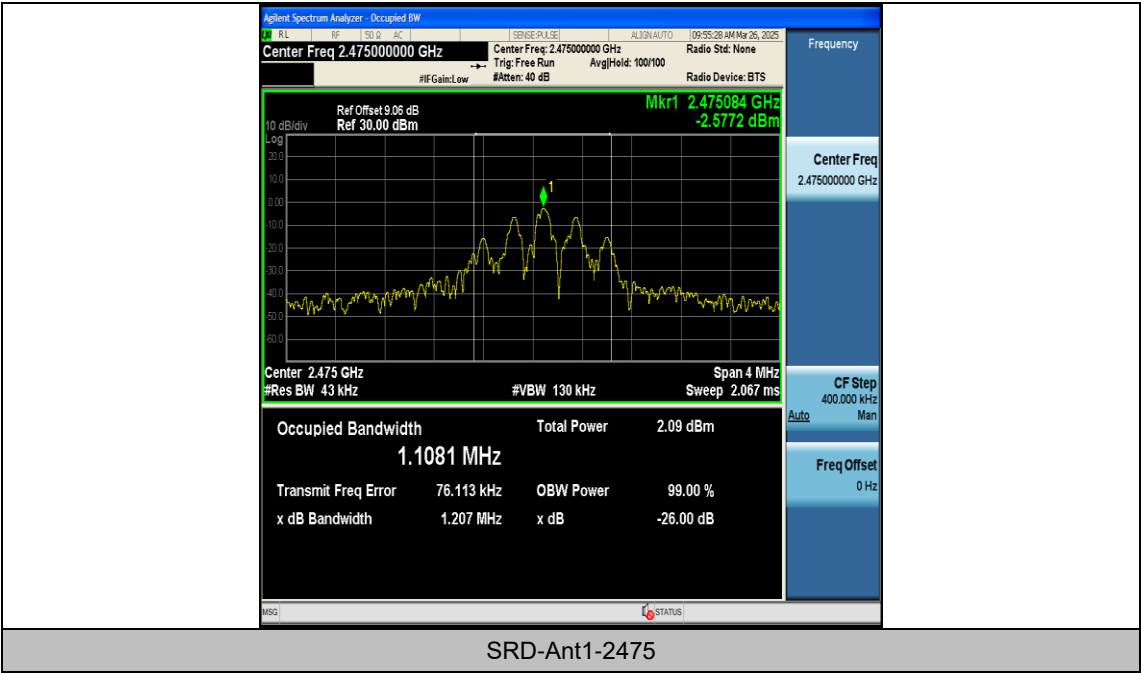
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	1.0741	2404.5470	2405.6211	---	---
SRD	Ant1	2440	1.0592	2439.5647	2440.6239	---	---
SRD	Ant1	2475	1.1081	2474.5221	2475.6302	---	---

Test Graphs



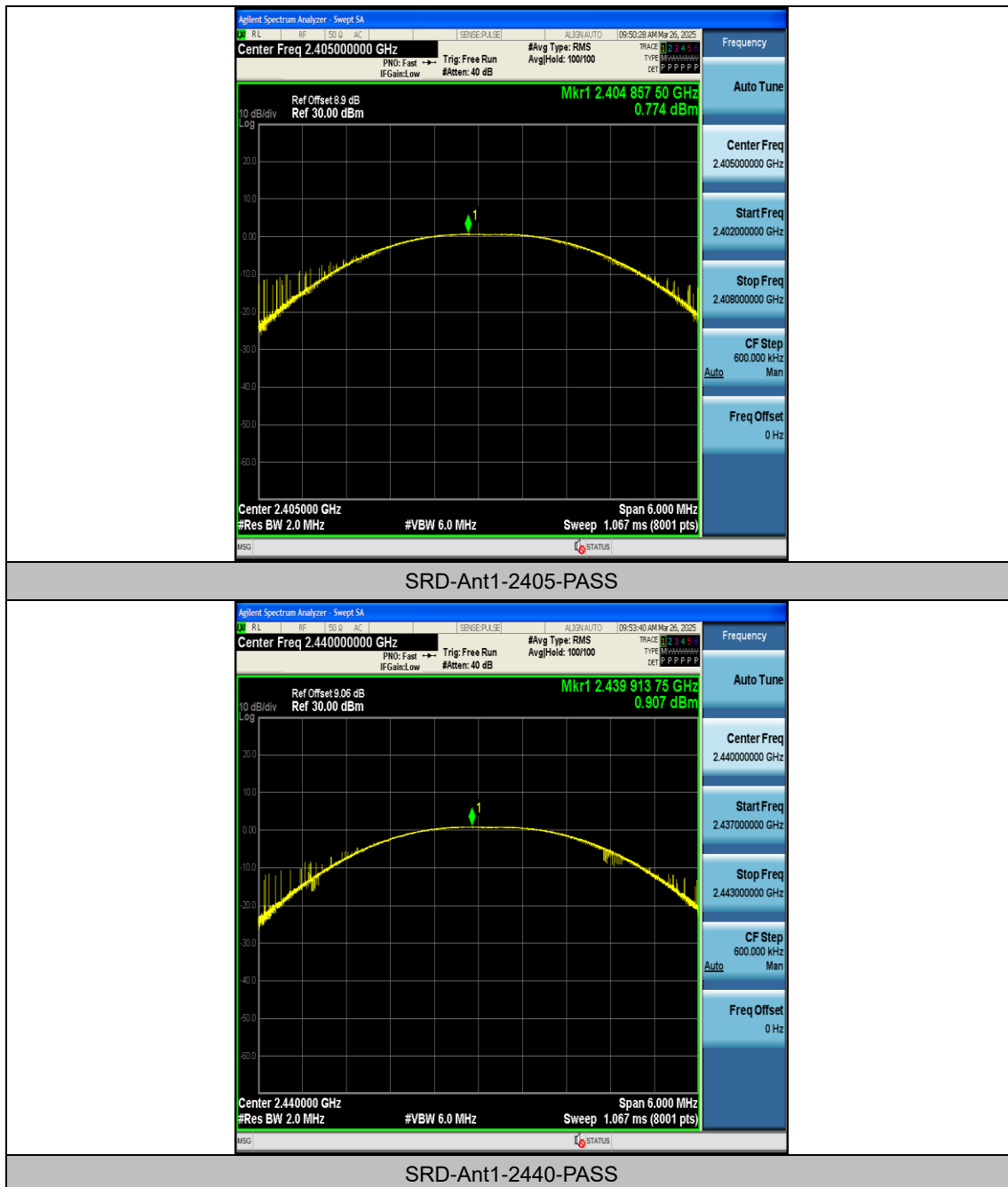


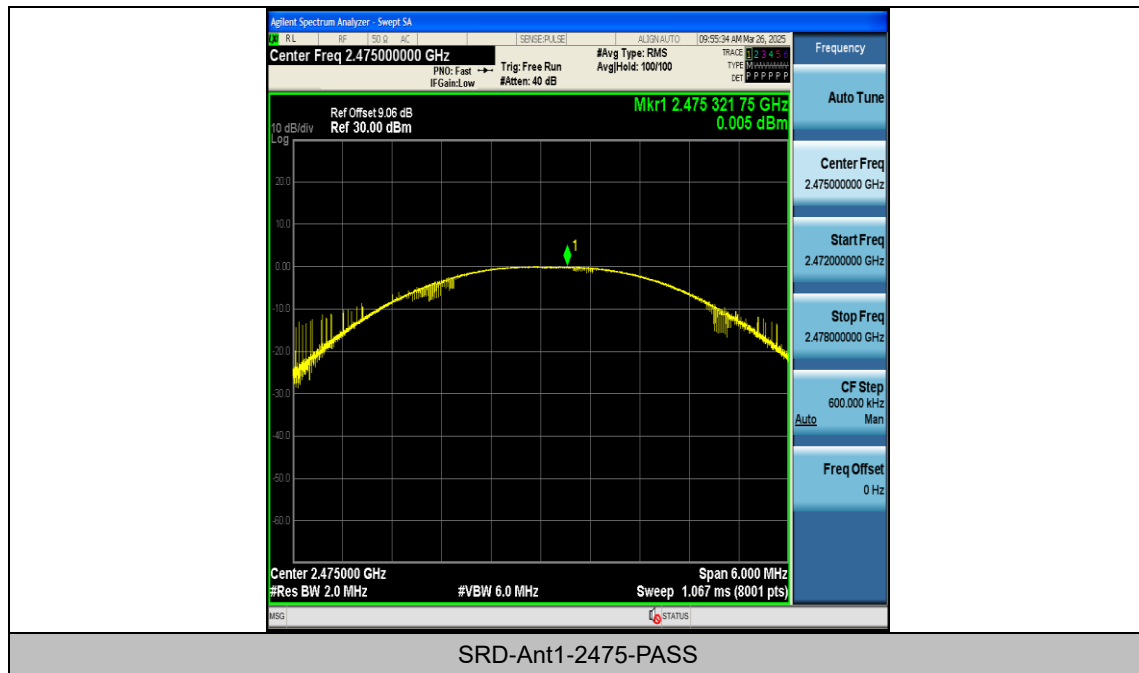
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2405	0.77	≤30	PASS
SRD	Ant1	2440	0.91	≤30	PASS
SRD	Ant1	2475	0.01	≤30	PASS

Test Graphs Peak



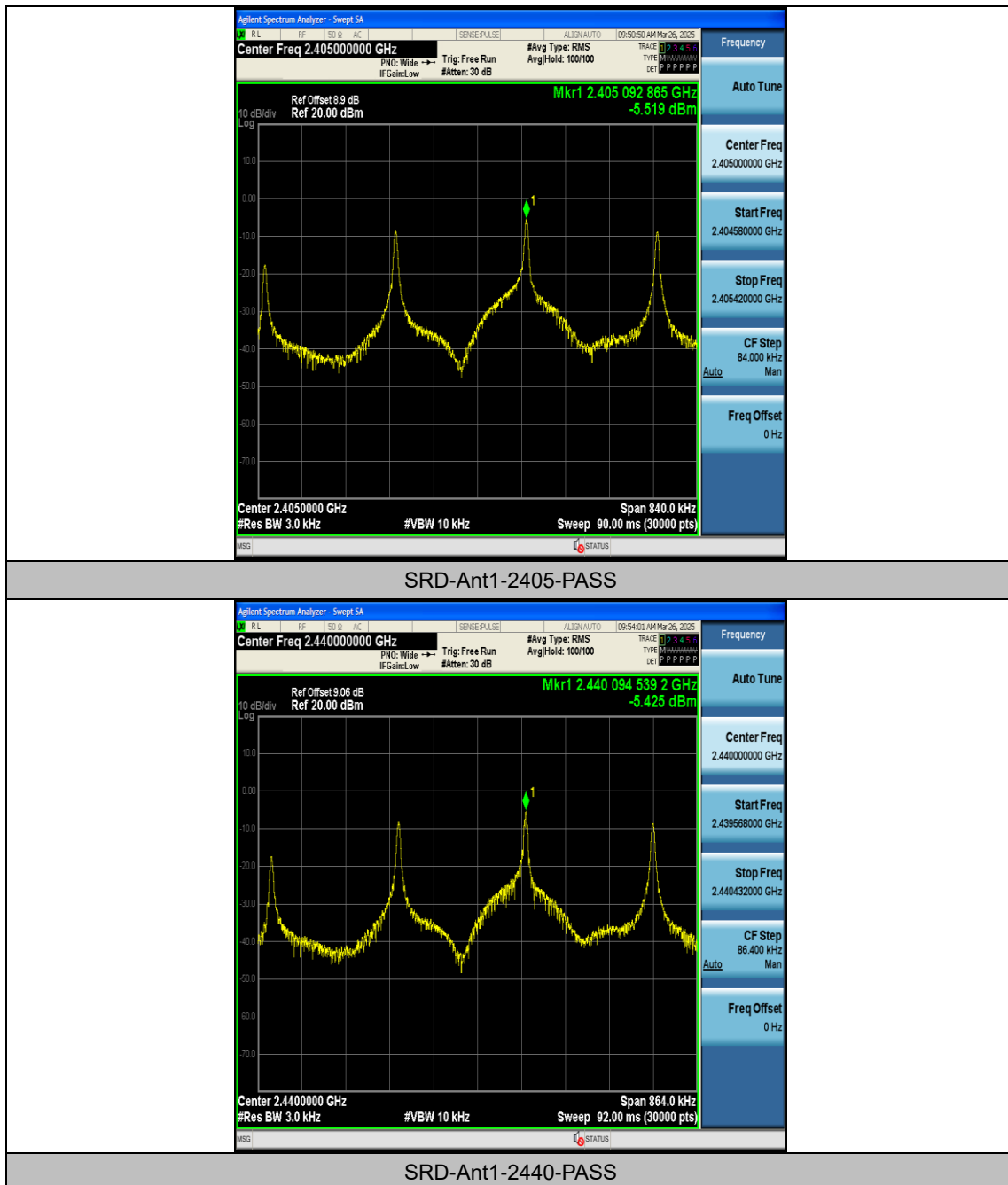


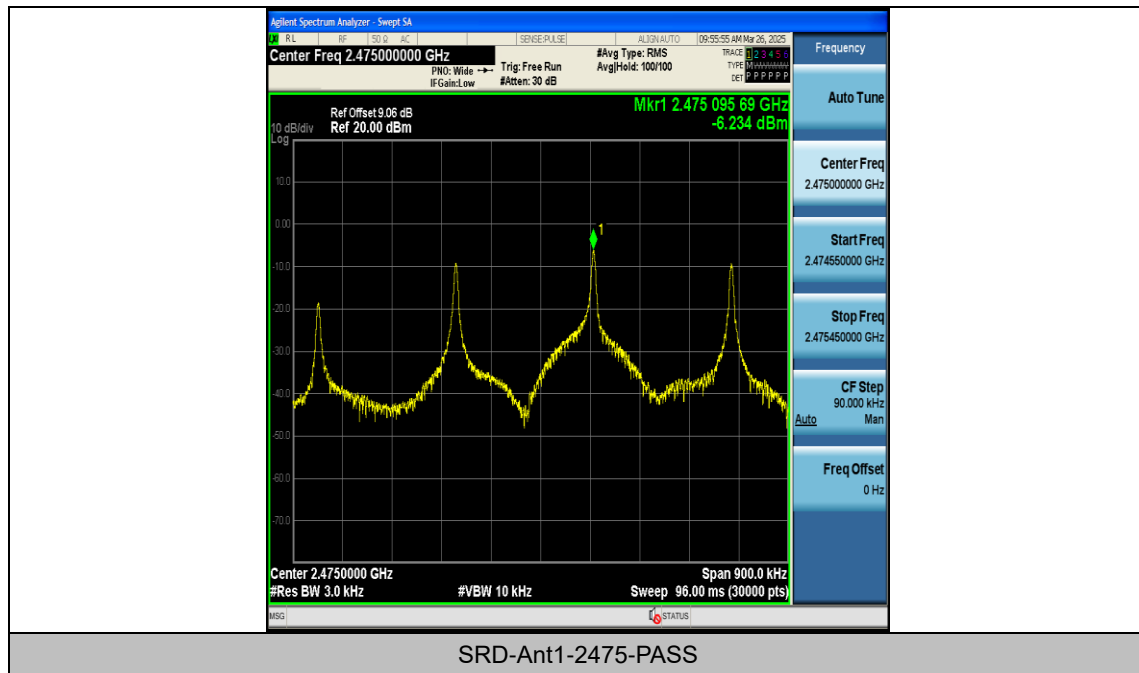
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2405	-5.52	≤8.00	PASS
SRD	Ant1	2440	-5.43	≤8.00	PASS
SRD	Ant1	2475	-6.23	≤8.00	PASS

Test Graphs



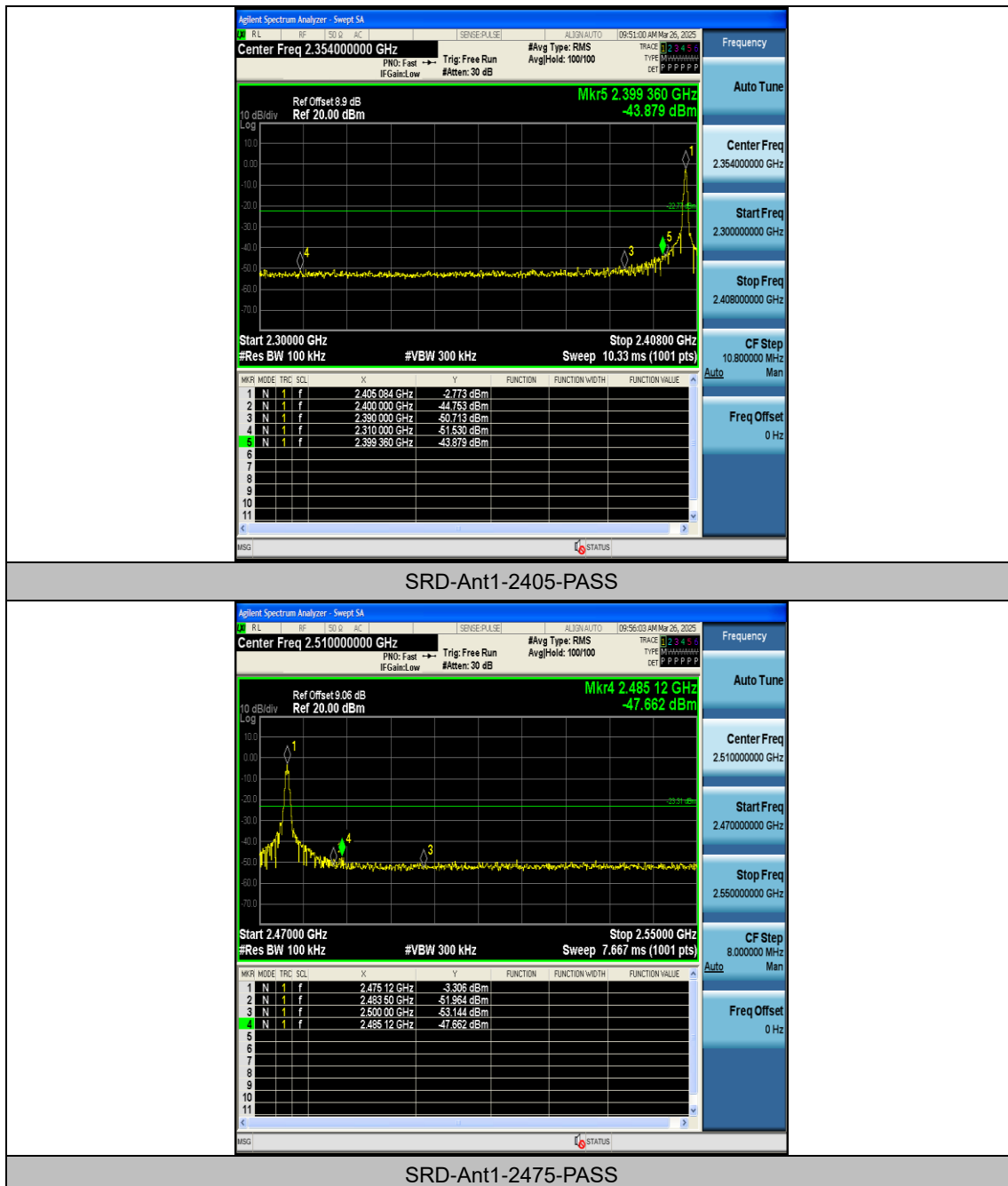


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	-2.77	-43.88	≤ -22.77	PASS
SRD	Ant1	High	2475	-3.31	-47.66	≤ -23.31	PASS

Test Graphs

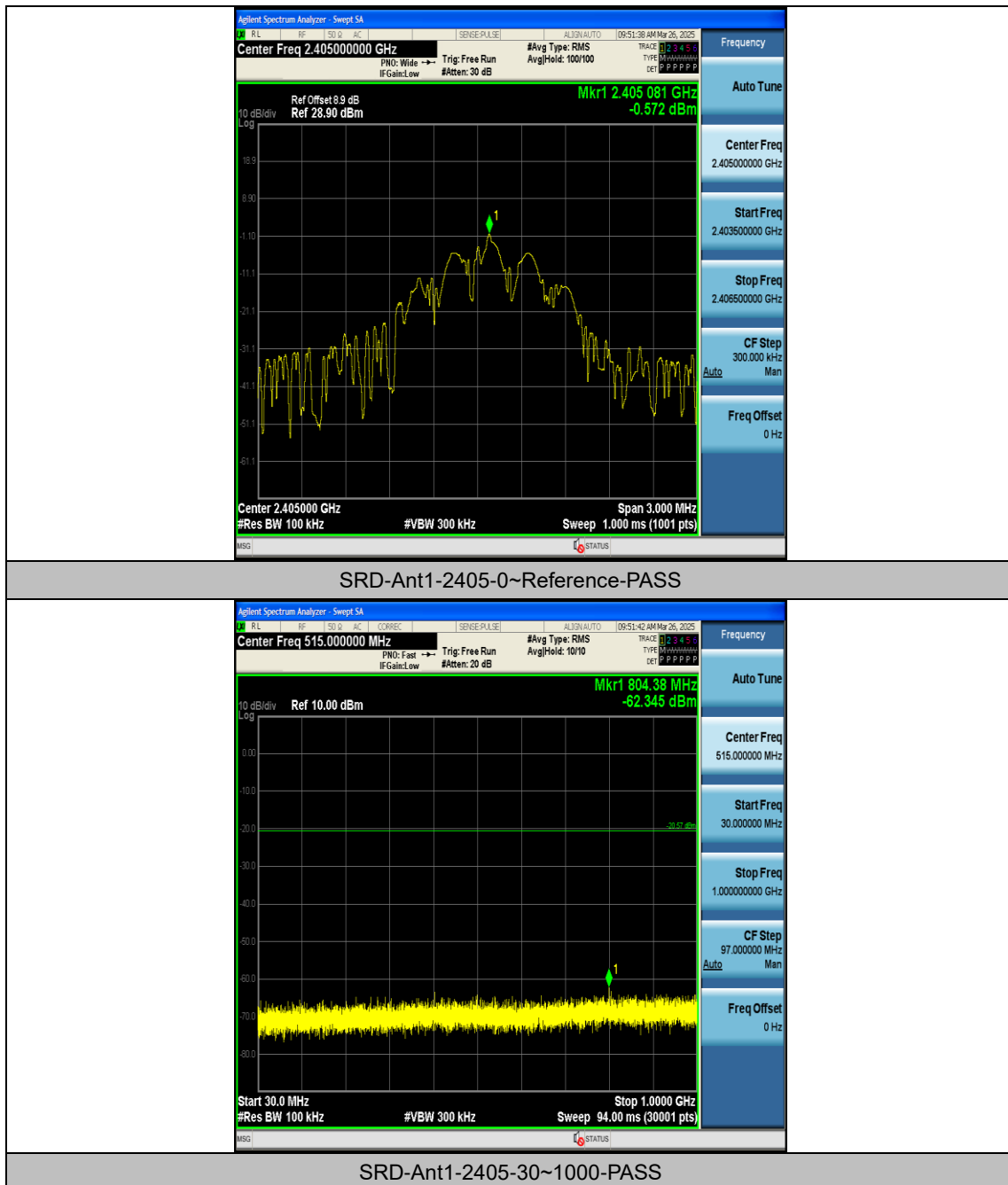


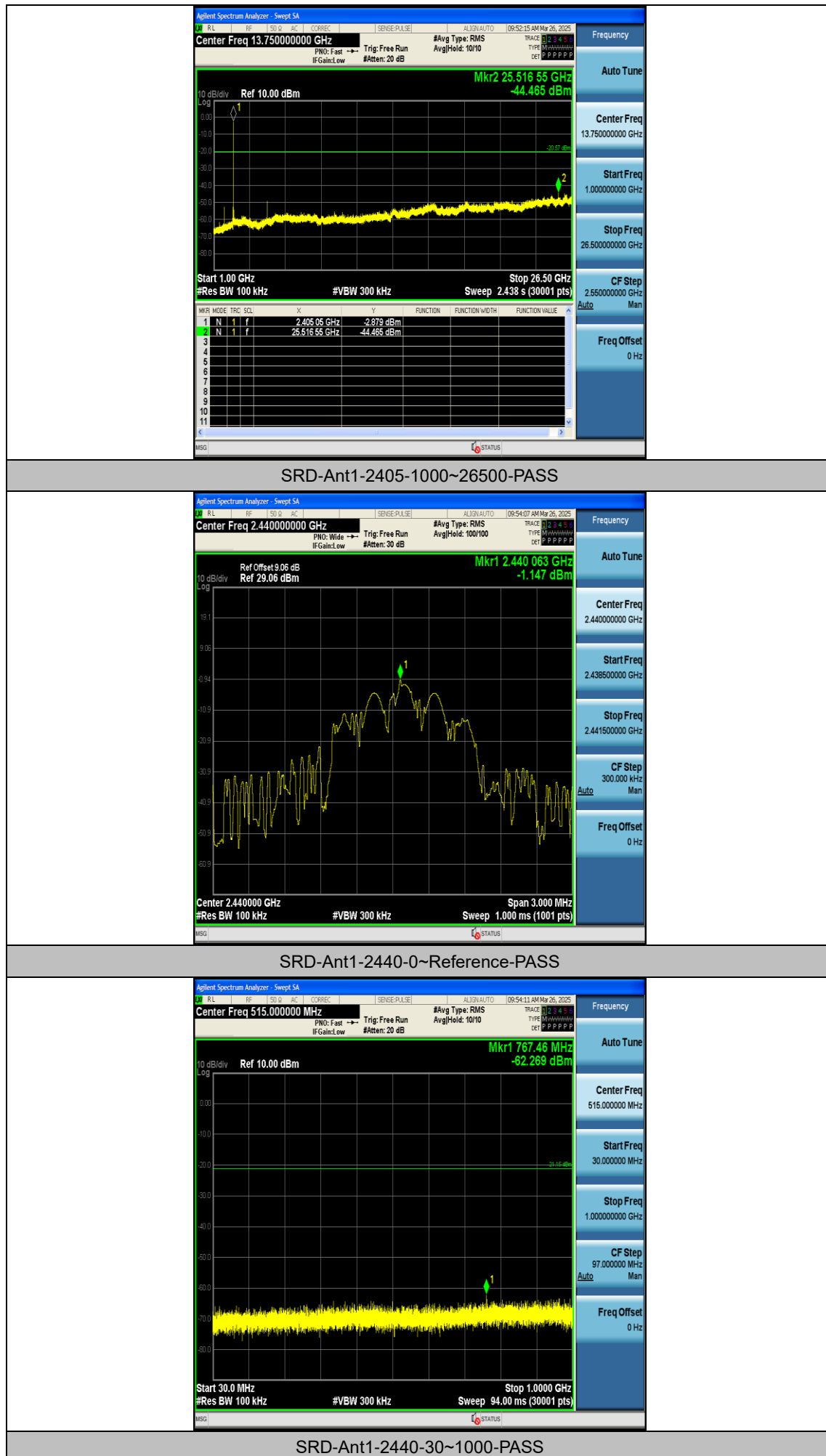
Appendix F: Conducted Spurious Emission

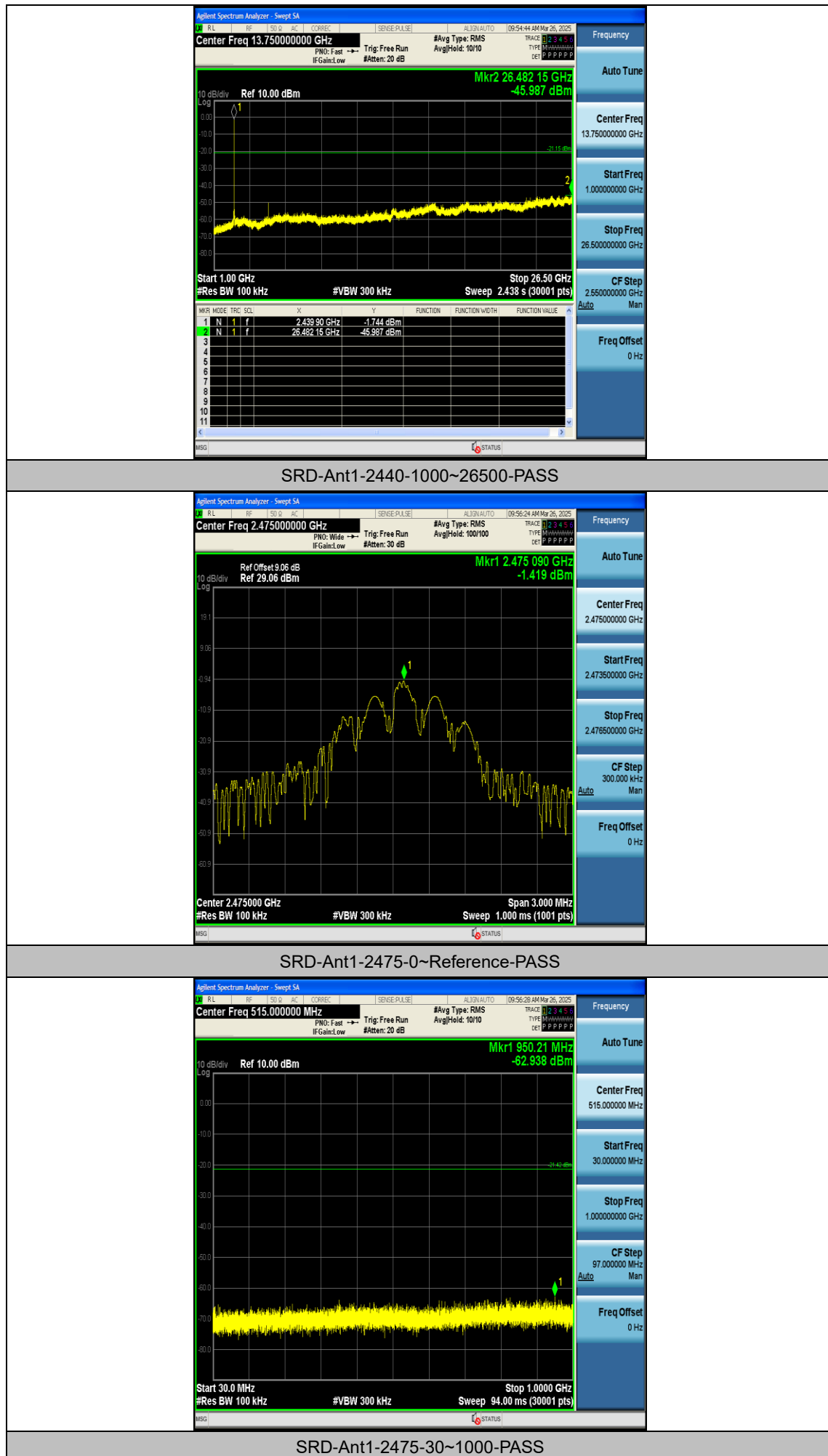
Test Result

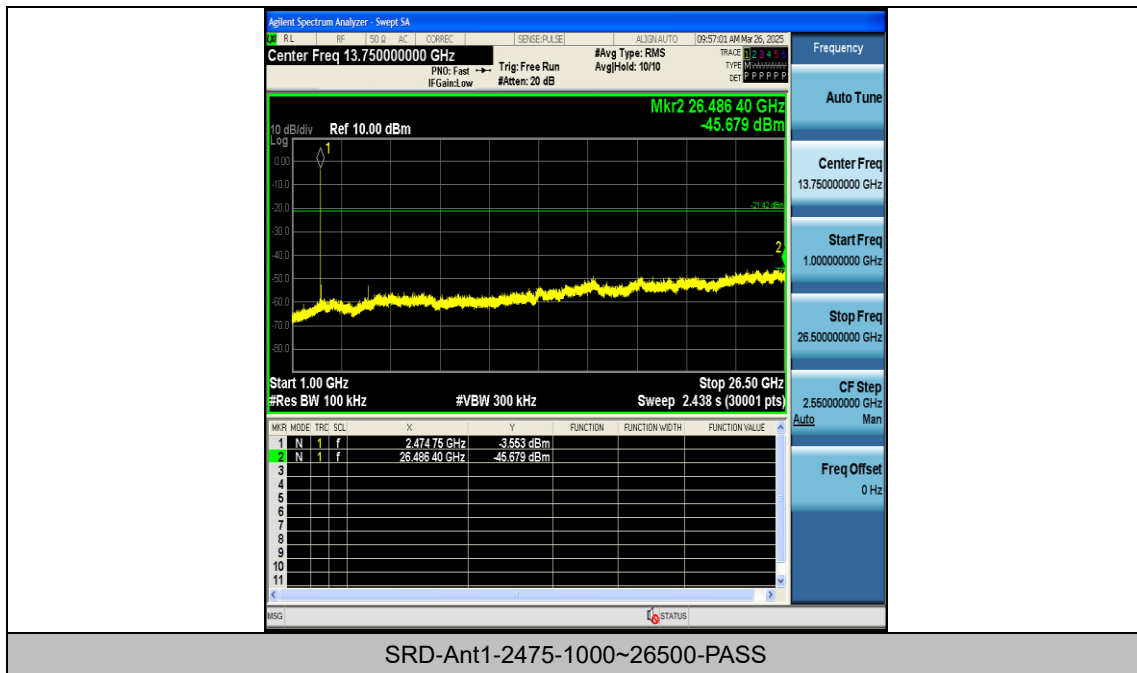
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2405	0~Reference	-0.57	-0.57	---	PASS
SRD	Ant1	2405	30~1000	-0.57	-62.35	≤-20.57	PASS
SRD	Ant1	2405	1000~26500	-0.57	-44.47	≤-20.57	PASS
SRD	Ant1	2440	0~Reference	-1.15	-1.15	---	PASS
SRD	Ant1	2440	30~1000	-1.15	-62.27	≤-21.15	PASS
SRD	Ant1	2440	1000~26500	-1.15	-45.99	≤-21.15	PASS
SRD	Ant1	2475	0~Reference	-1.42	-1.42	---	PASS
SRD	Ant1	2475	30~1000	-1.42	-62.94	≤-21.42	PASS
SRD	Ant1	2475	1000~26500	-1.42	-45.68	≤-21.42	PASS

Test Graphs









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	0.18	0.30	60.00	2.22
SRD	Ant1	2440	0.18	0.30	60.00	2.22
SRD	Ant1	2475	0.18	0.29	62.07	2.07

Test Graphs

