

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Gaming mouse

Trade Mark: N/A

Test Model: Nfy XXIV ELT

FCC ID: 2BGQQ-XXIVELT

Environmental Conditions

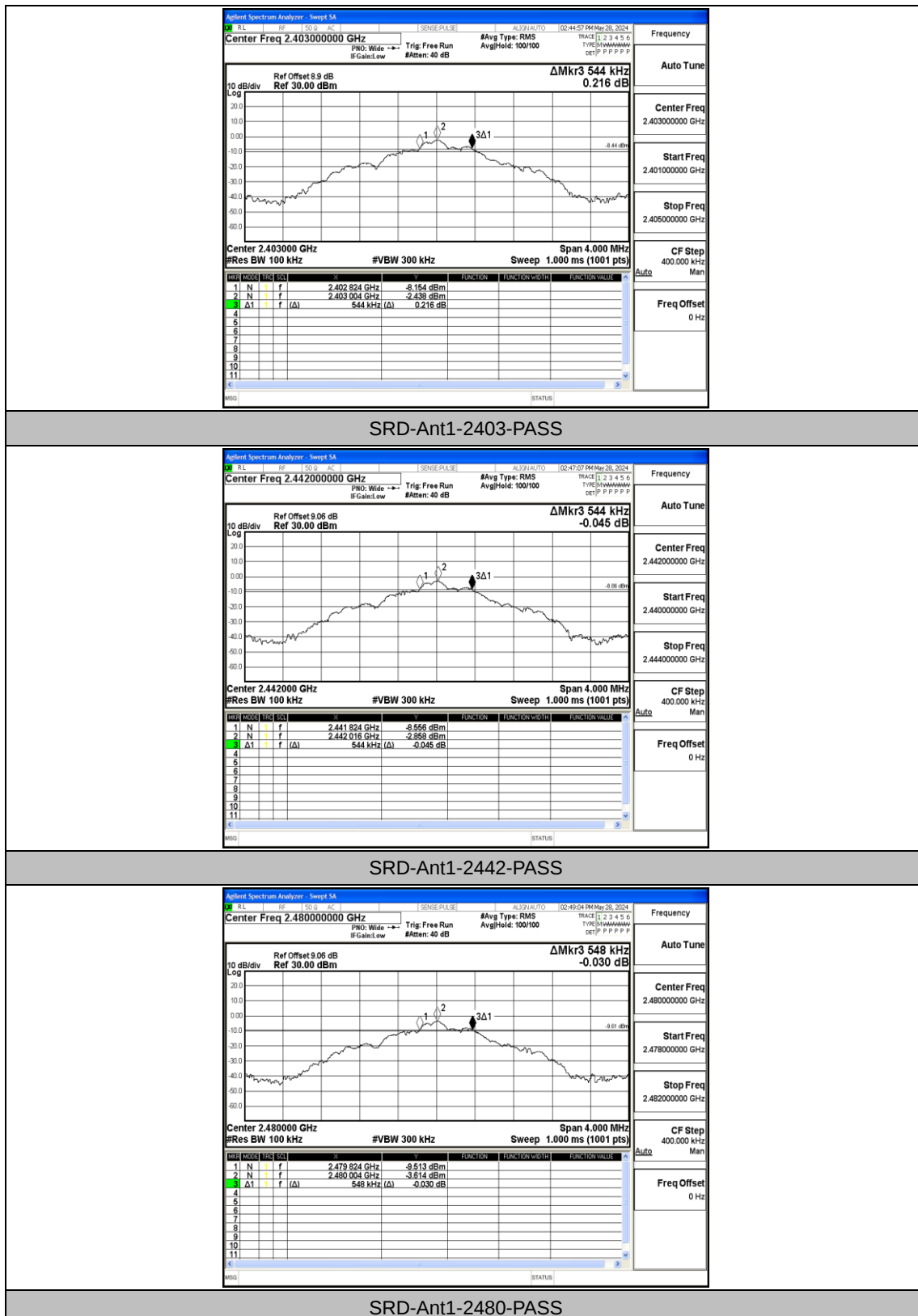
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2403	0.544	2402.824	2403.368	0.5	PASS
SRD	Ant1	2442	0.544	2441.824	2442.368	0.5	PASS
SRD	Ant1	2480	0.548	2479.824	2480.372	0.5	PASS

Test Graphs

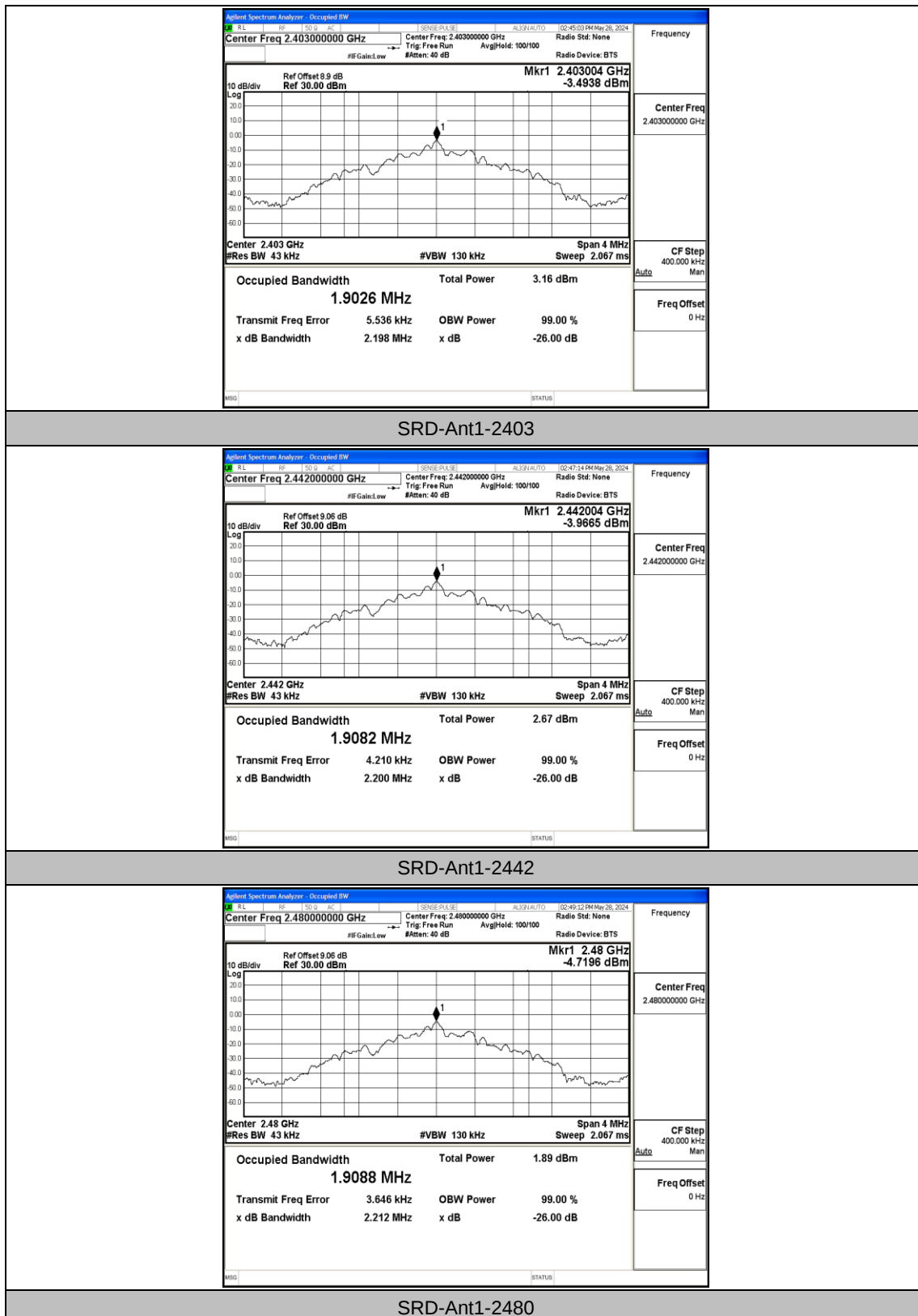


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2403	1.9026	2402.0542	2403.9568	---	---
SRD	Ant1	2442	1.9082	2441.0501	2442.9583	---	---
SRD	Ant1	2480	1.9088	2479.0493	2480.9581	---	---

Test Graphs

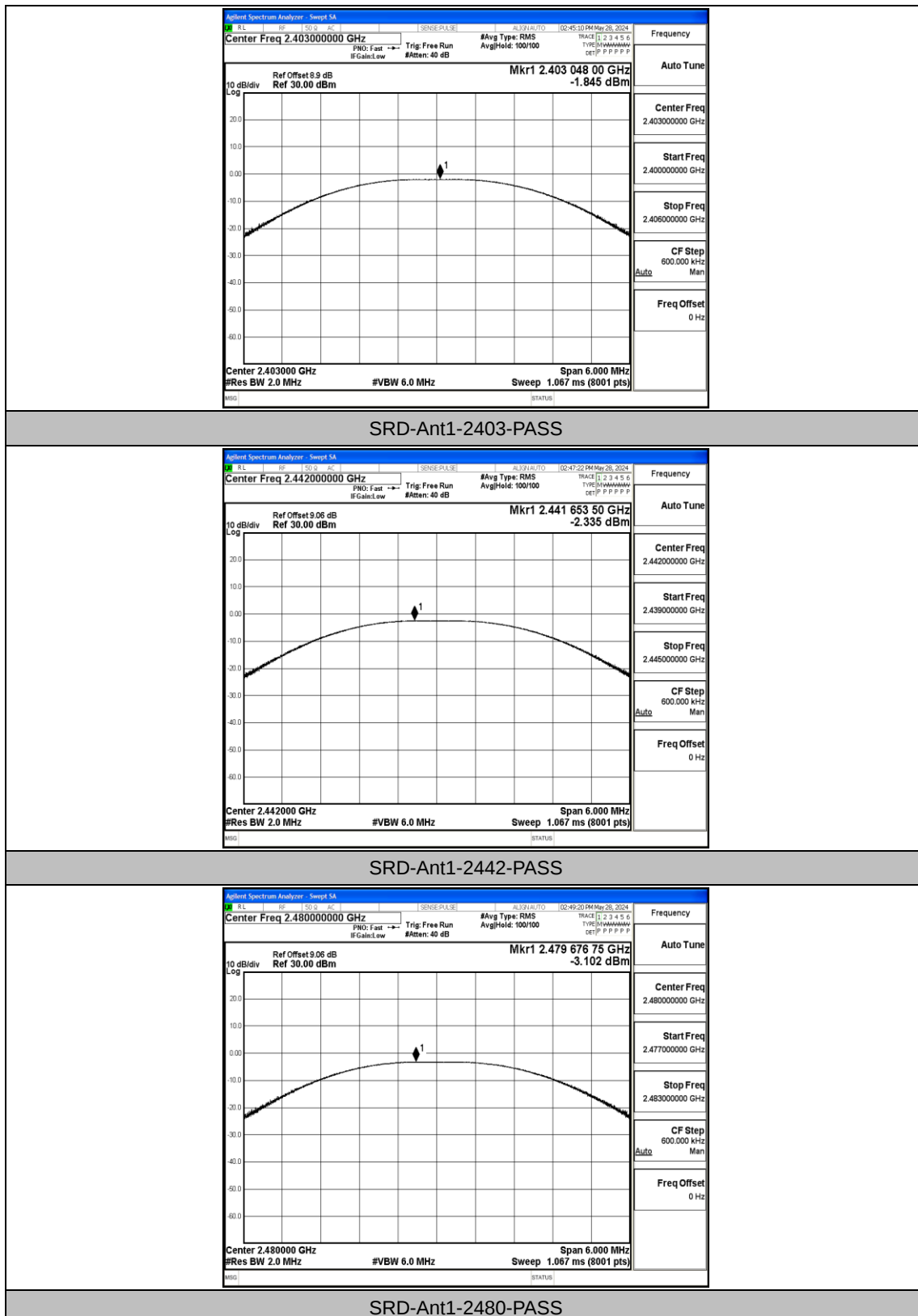


Appendix C: Maximum peak conducted output power

Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2403	-1.85	≤30	PASS
SRD	Ant1	2442	-2.34	≤30	PASS
SRD	Ant1	2480	-3.10	≤30	PASS

Test Graphs Peak

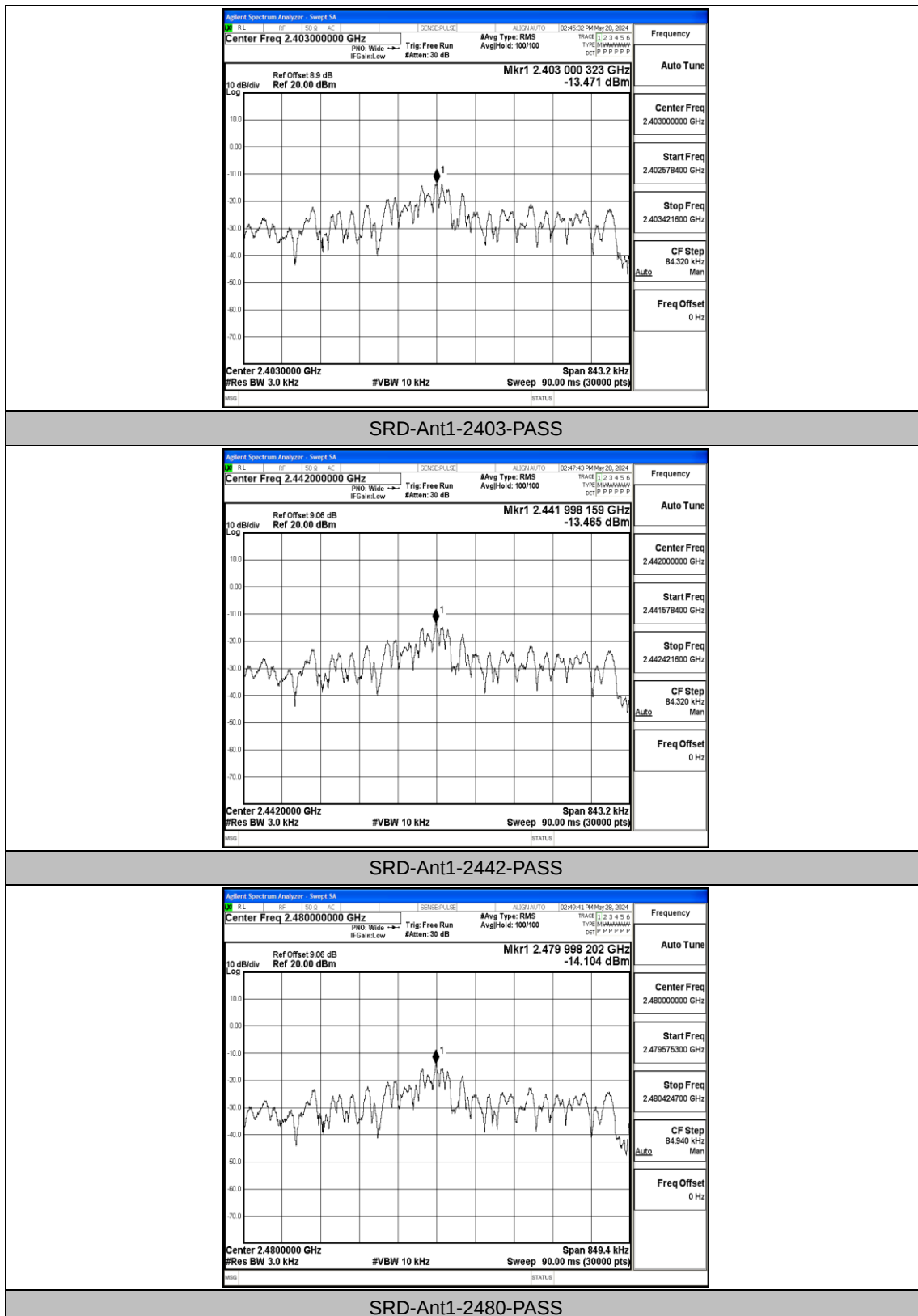


Appendix D: Maximum peak power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2403	-13.47	≤8.00	PASS
SRD	Ant1	2442	-13.47	≤8.00	PASS
SRD	Ant1	2480	-14.10	≤8.00	PASS

Test Graphs

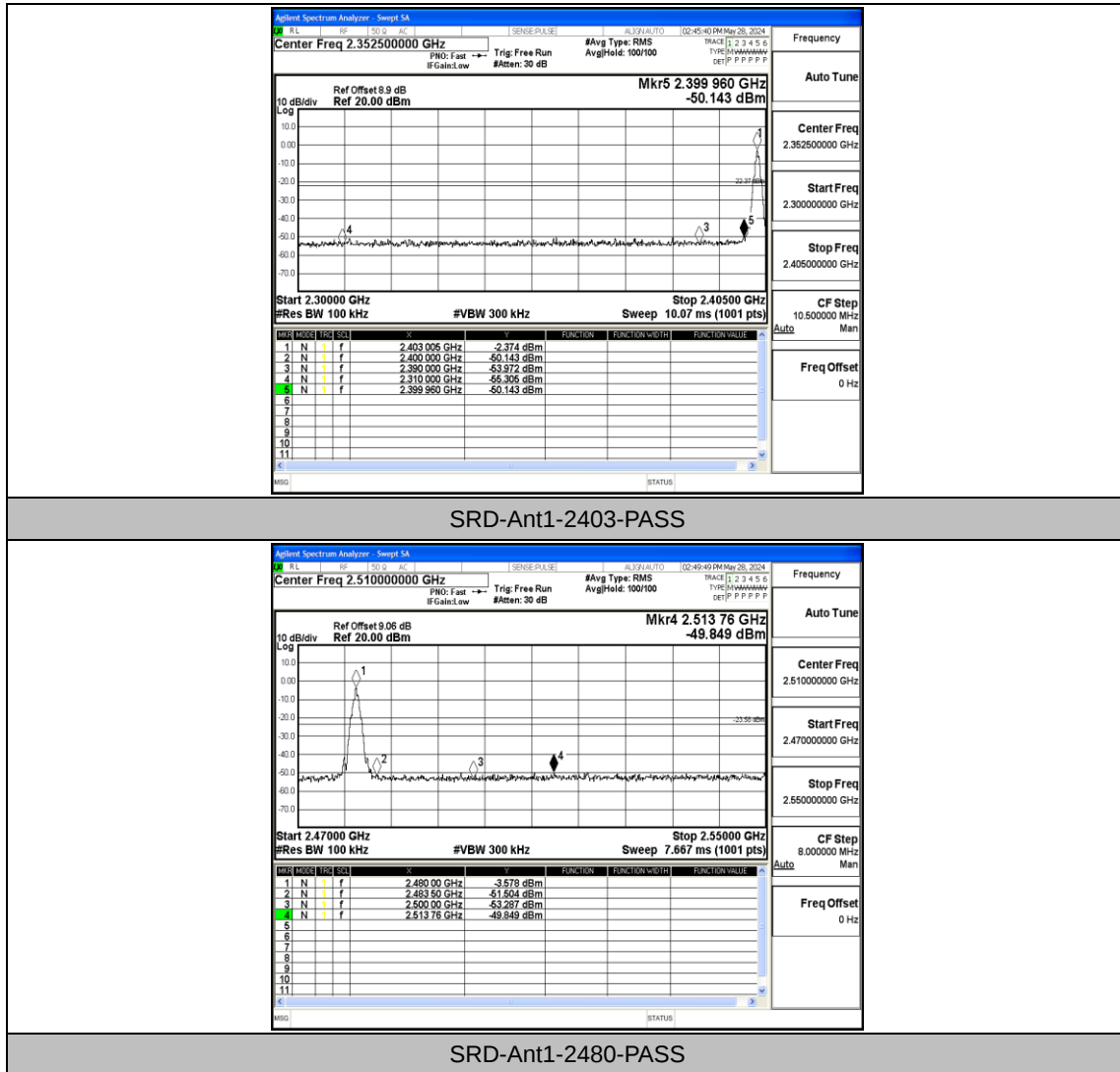


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2403	-2.37	-50.14	≤-22.37	PASS
SRD	Ant1	High	2480	-3.58	-49.85	≤-23.58	PASS

Test Graphs

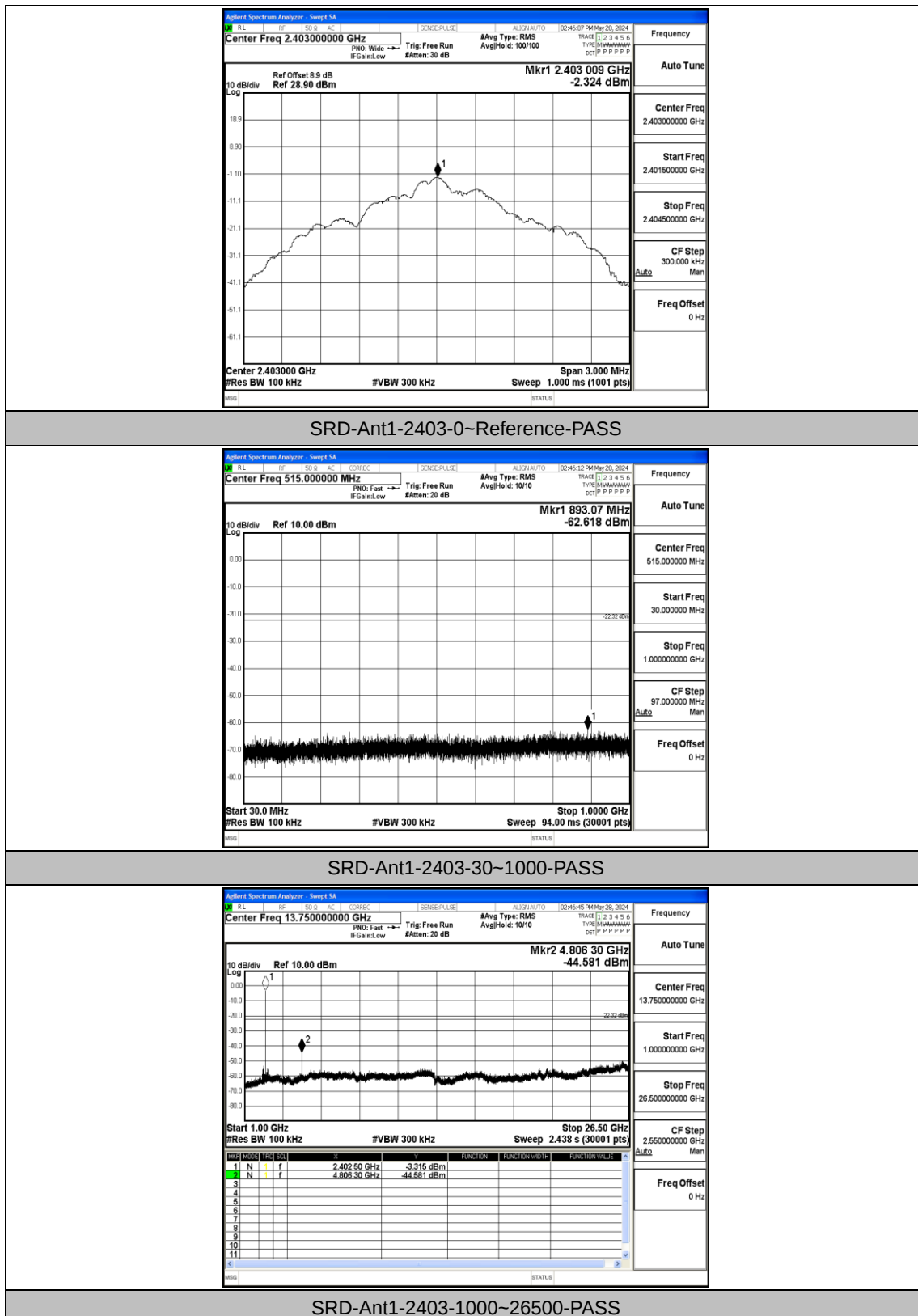


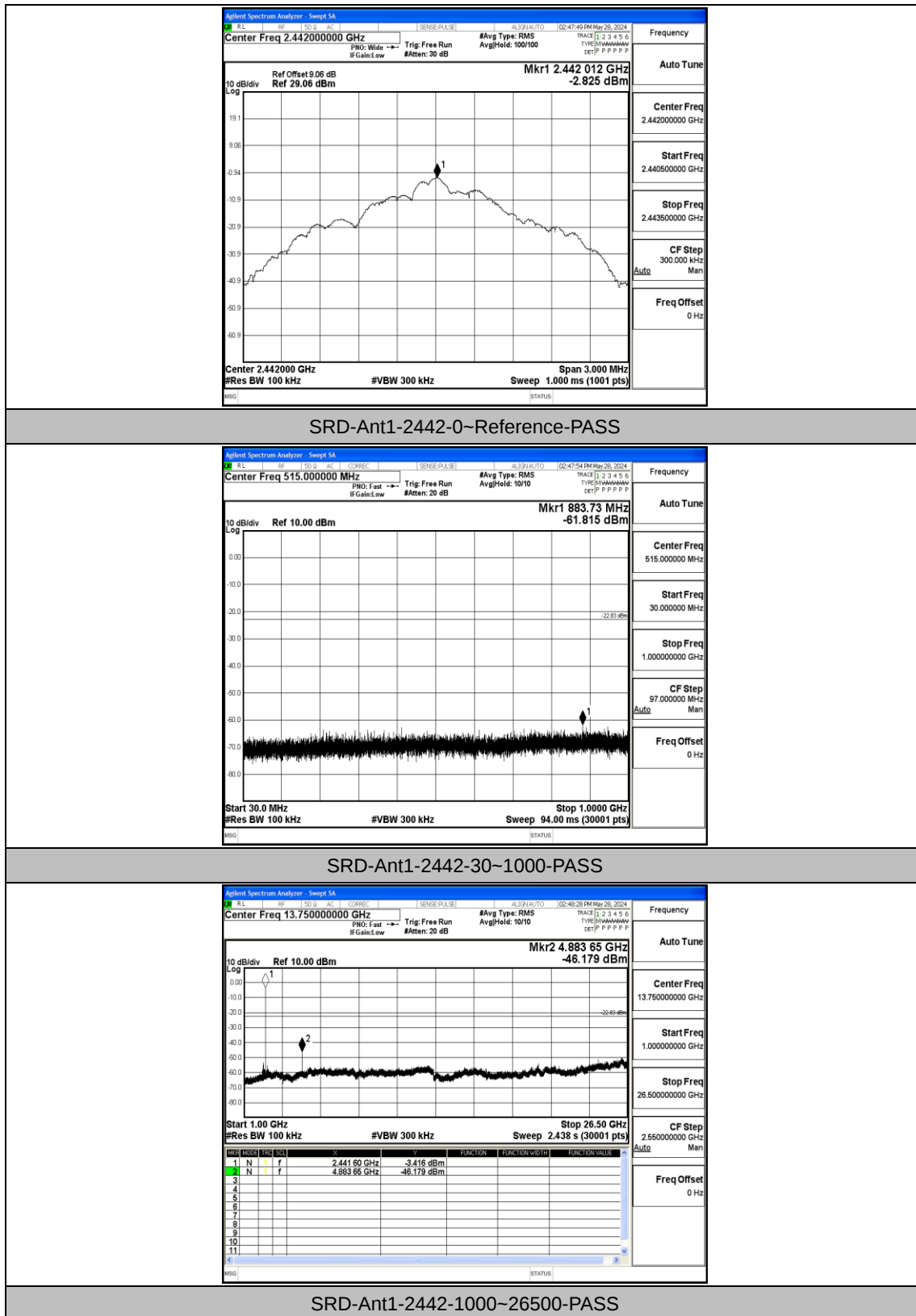
Appendix F: Conducted Spurious Emission

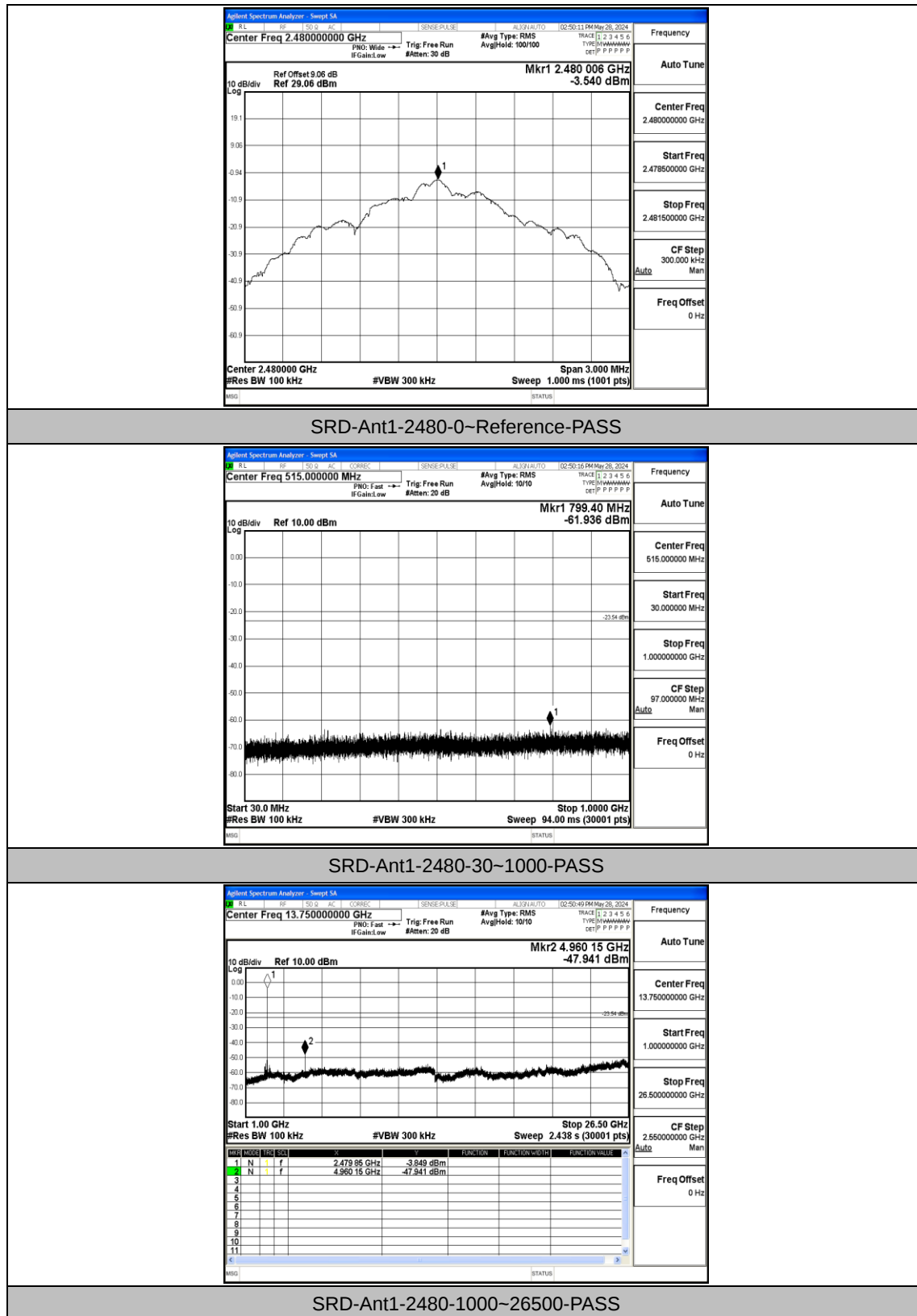
Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2403	0~Reference	-2.32	-2.32	---	PASS
SRD	Ant1	2403	30~1000	-2.32	-62.62	≤-22.32	PASS
SRD	Ant1	2403	1000~26500	-2.32	-44.58	≤-22.32	PASS
SRD	Ant1	2442	0~Reference	-2.83	-2.83	---	PASS
SRD	Ant1	2442	30~1000	-2.83	-61.82	≤-22.83	PASS
SRD	Ant1	2442	1000~26500	-2.83	-46.18	≤-22.83	PASS
SRD	Ant1	2480	0~Reference	-3.54	-3.54	---	PASS
SRD	Ant1	2480	30~1000	-3.54	-61.94	≤-23.54	PASS
SRD	Ant1	2480	1000~26500	-3.54	-47.94	≤-23.54	PASS

Test Graphs







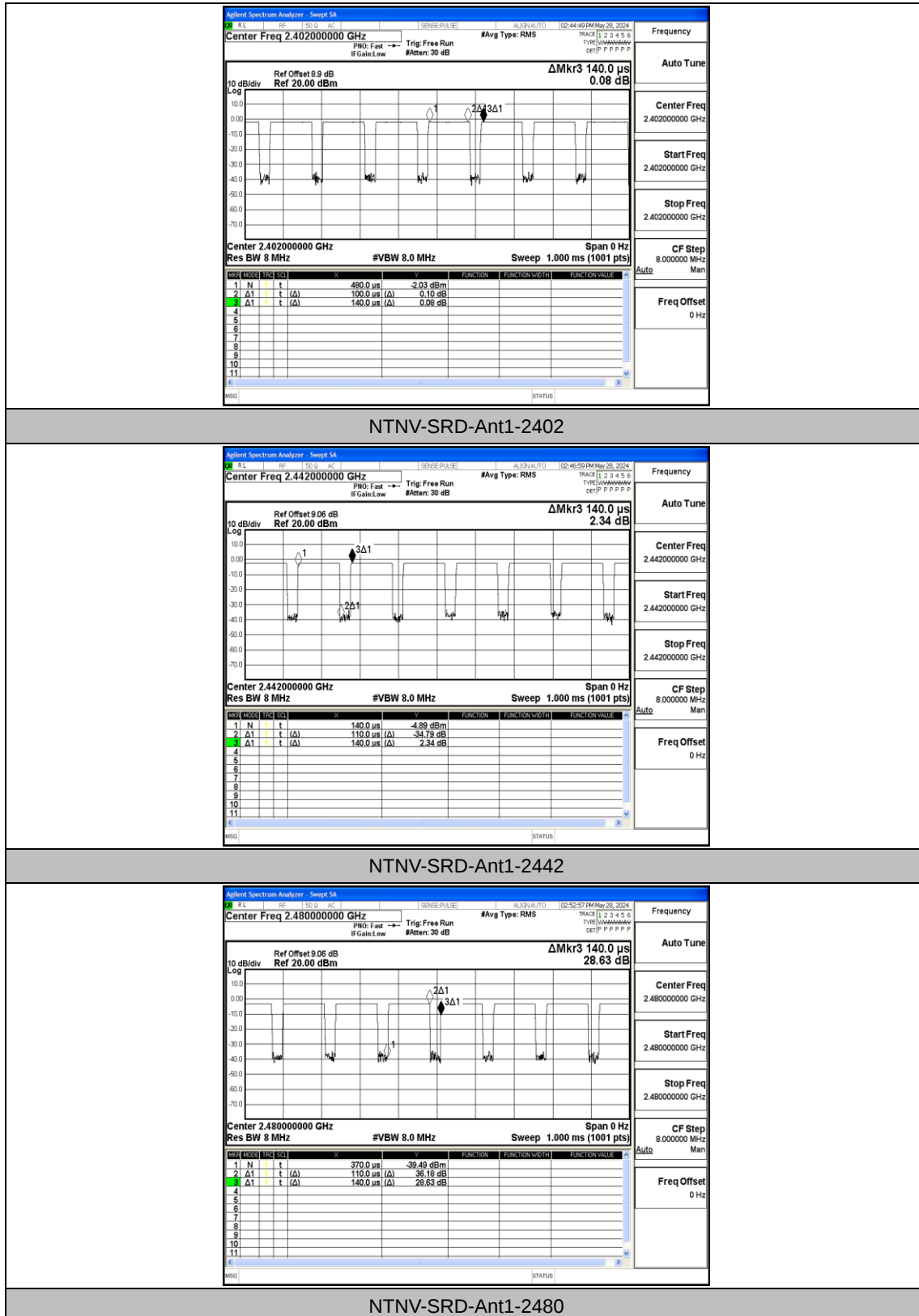
SRD-Ant1-2480-1000~26500-PASS

Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
SRD	Ant1	2402	0.10	0.14	71.43	1.46
SRD	Ant1	2442	0.11	0.14	78.57	1.05
SRD	Ant1	2480	0.11	0.14	78.57	1.05

Test Graphs



Appendix H: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
SRD	Ant1	Low	2403	Peak	2390.000	-52.63	≤-21.20	42.57	≤74	PASS
SRD	Ant1	Low	2403	Peak	2310.000	-51.56	≤-21.20	43.64	≤74	PASS
SRD	Ant1	Low	2403	Peak	2357.540	-48.55	≤-21.20	46.65	≤74	PASS
SRD	Ant1	Low	2403	AV	2390.000	-58.14	≤-41.20	37.06	≤54	PASS
SRD	Ant1	Low	2403	AV	2310.000	-59.45	≤-41.20	35.75	≤54	PASS
SRD	Ant1	Low	2403	AV	2357.645	-55.39	≤-41.20	39.81	≤54	PASS
SRD	Ant1	High	2480	Peak	2483.500	-37.37	≤-21.20	57.83	≤74	PASS
SRD	Ant1	High	2480	Peak	2500.000	-51.9	≤-21.20	43.30	≤74	PASS
SRD	Ant1	High	2480	Peak	2483.600	-36.86	≤-21.20	58.34	≤74	PASS
SRD	Ant1	High	2480	AV	2483.500	-52.6	≤-41.20	42.60	≤54	PASS
SRD	Ant1	High	2480	AV	2500.000	-58.73	≤-41.20	36.47	≤54	PASS
SRD	Ant1	High	2480	AV	2483.520	-52.6	≤-41.20	42.60	≤54	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

