

Appendix Test Data for BLE (Conducted Measurement)

Product Name: RC CARS

Trade Mark: N/A

Test Model: S777

FCC ID: 2AM0Z318520123YC

Environmental Conditions

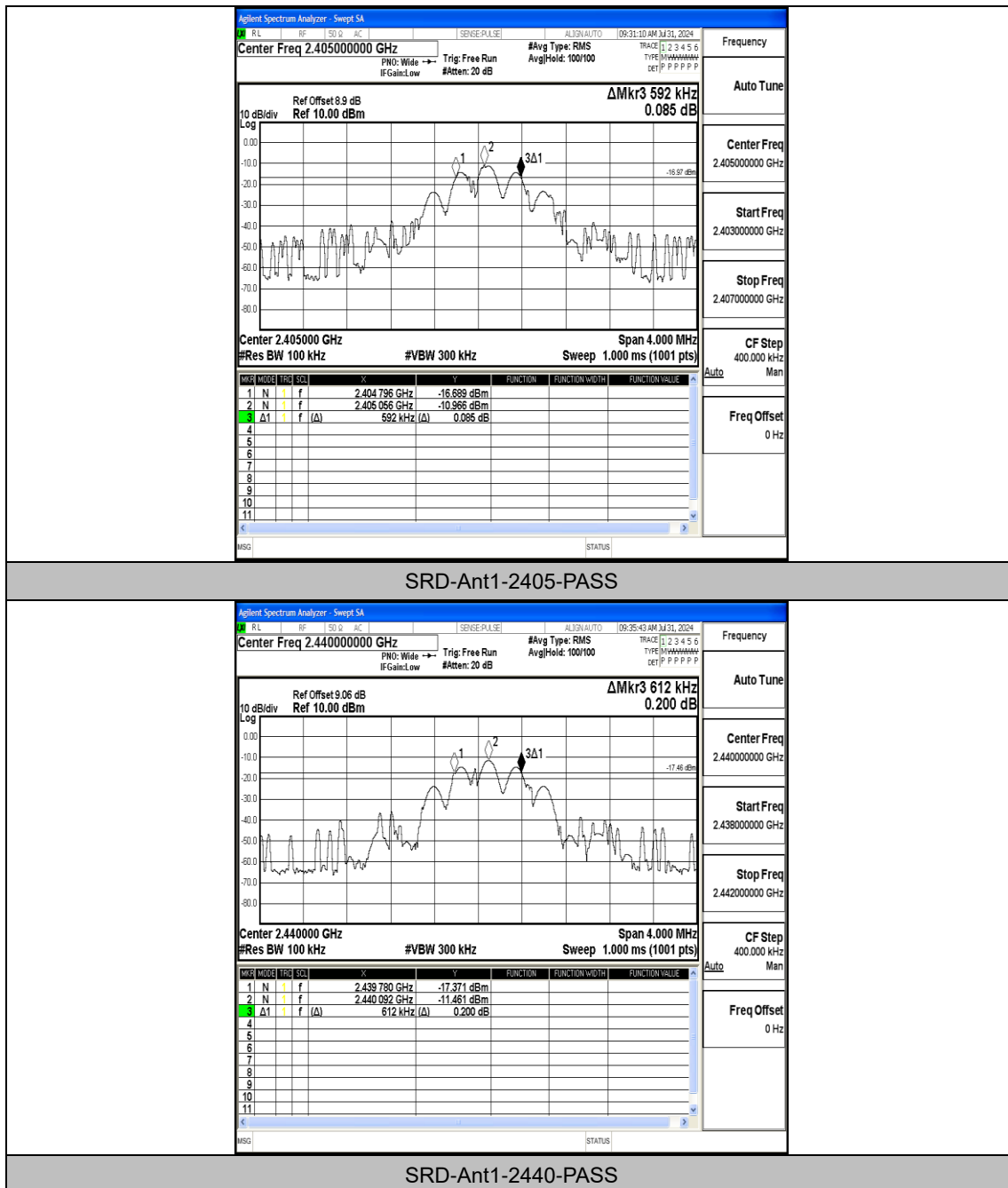
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

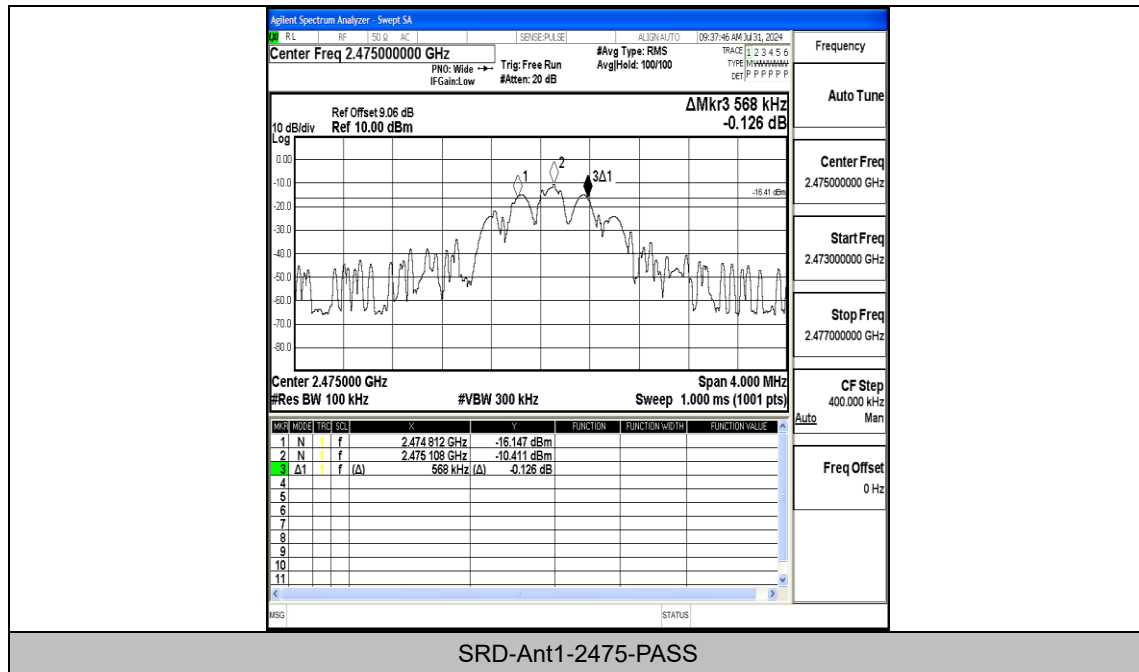
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	0.592	2404.796	2405.388	0.5	PASS
SRD	Ant1	2440	0.612	2439.780	2440.392	0.5	PASS
SRD	Ant1	2475	0.568	2474.812	2475.380	0.5	PASS

Test Graphs



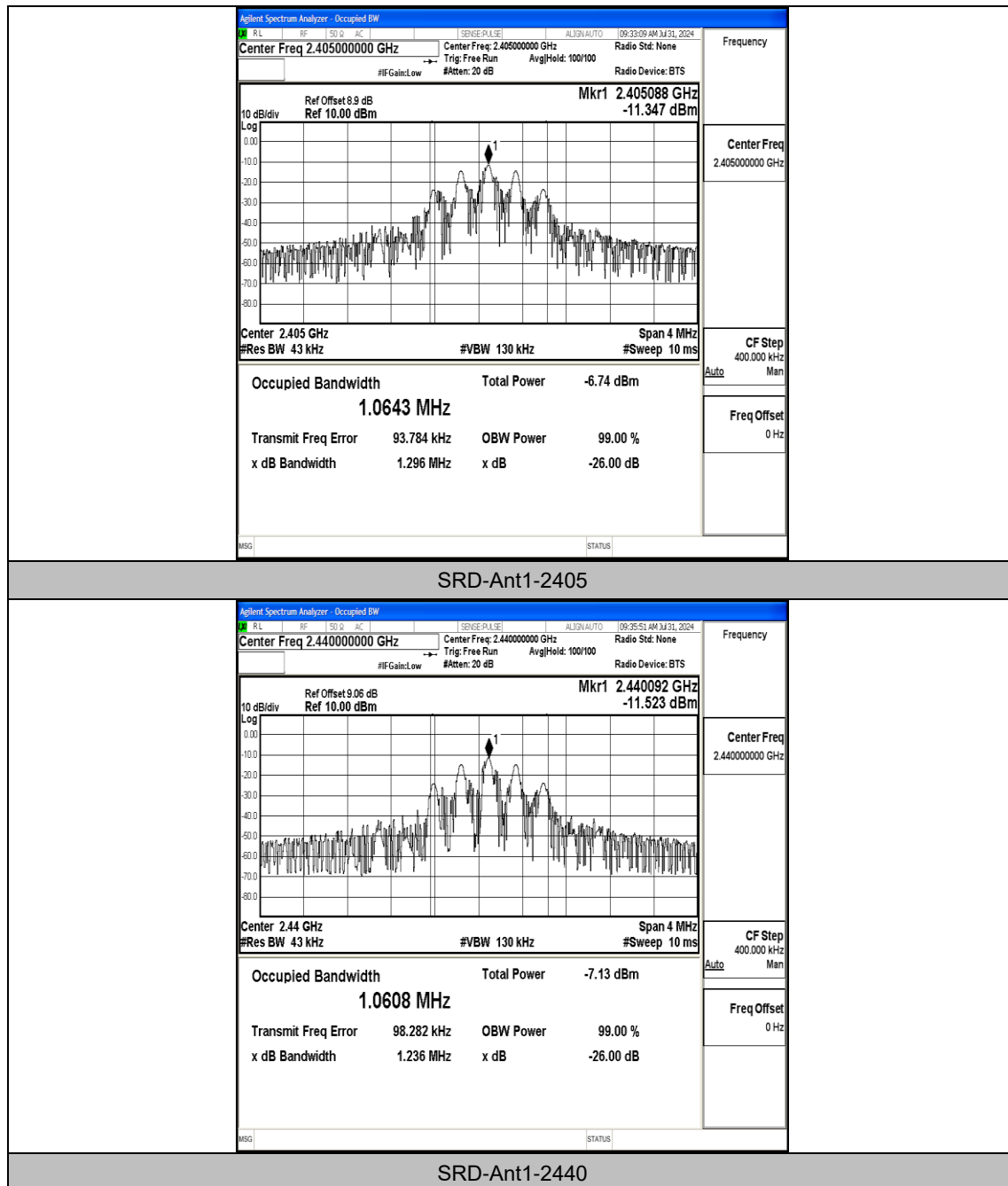


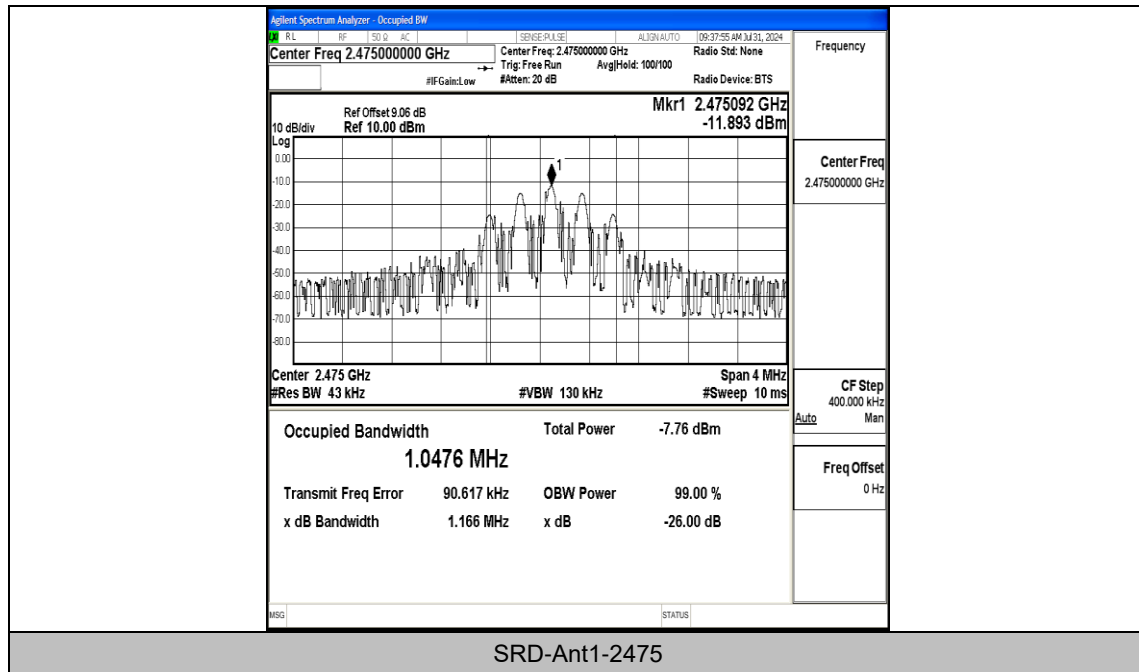
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	1.0643	2404.5616	2405.6259	---	---
SRD	Ant1	2440	1.0608	2439.5679	2440.6287	---	---
SRD	Ant1	2475	1.0476	2474.5668	2475.6144	---	---

Test Graphs



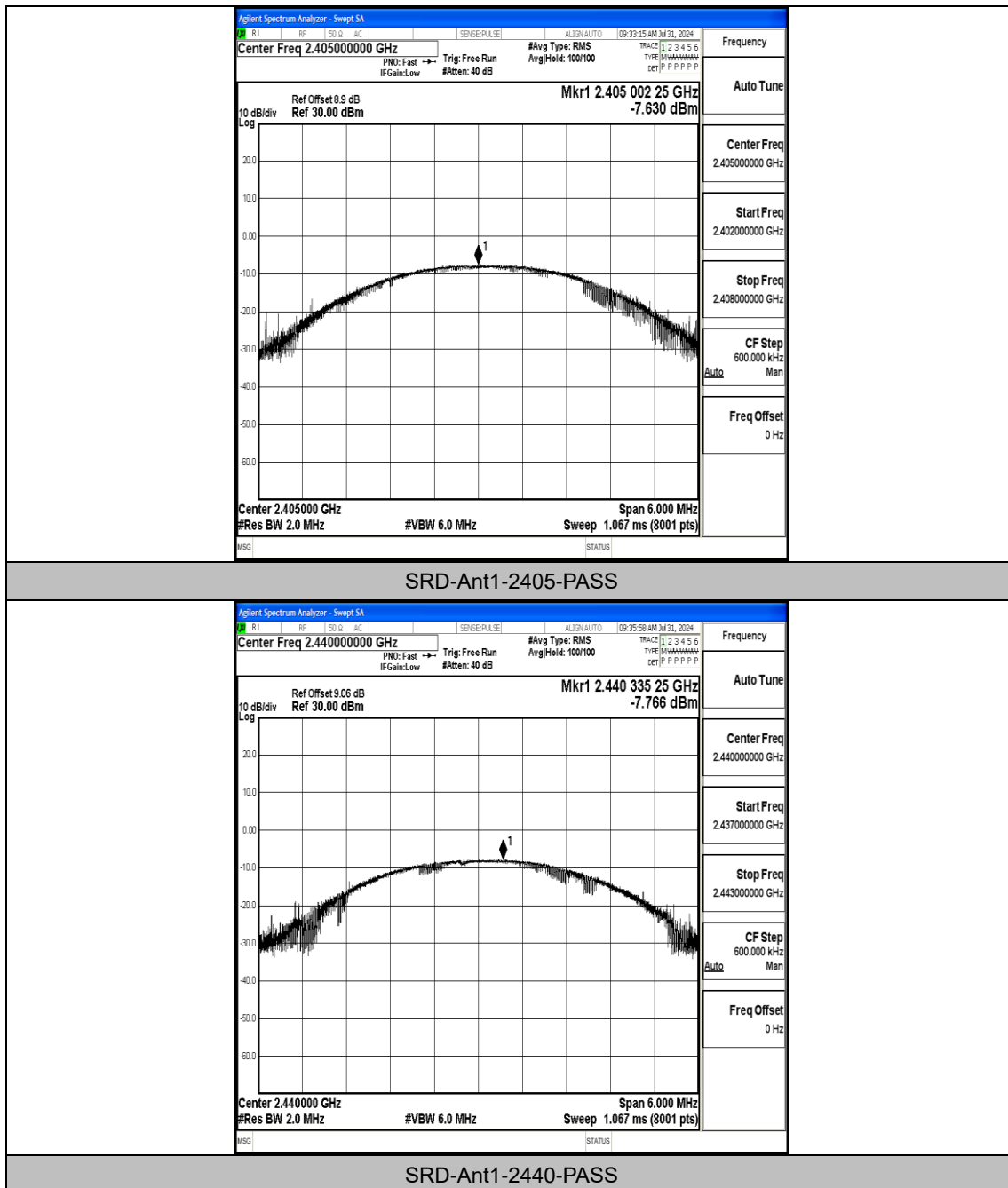


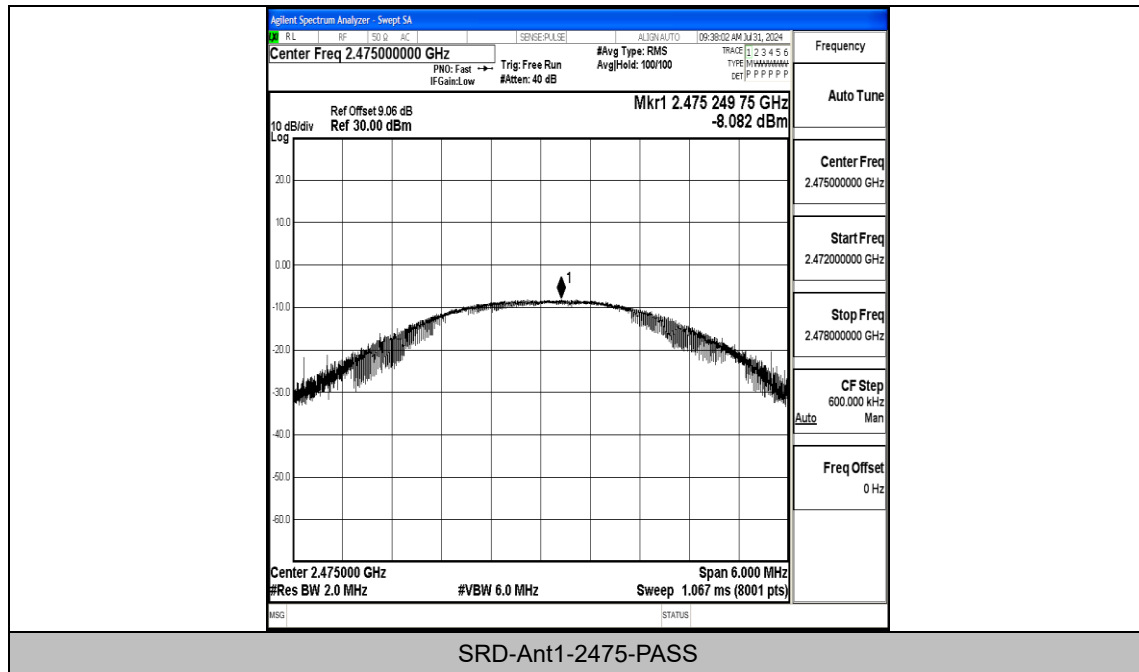
Appendix C: Maximum peak conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2405	-7.63	≤30	PASS
SRD	Ant1	2440	-7.77	≤30	PASS
SRD	Ant1	2475	-8.08	≤30	PASS

Test Graphs Peak



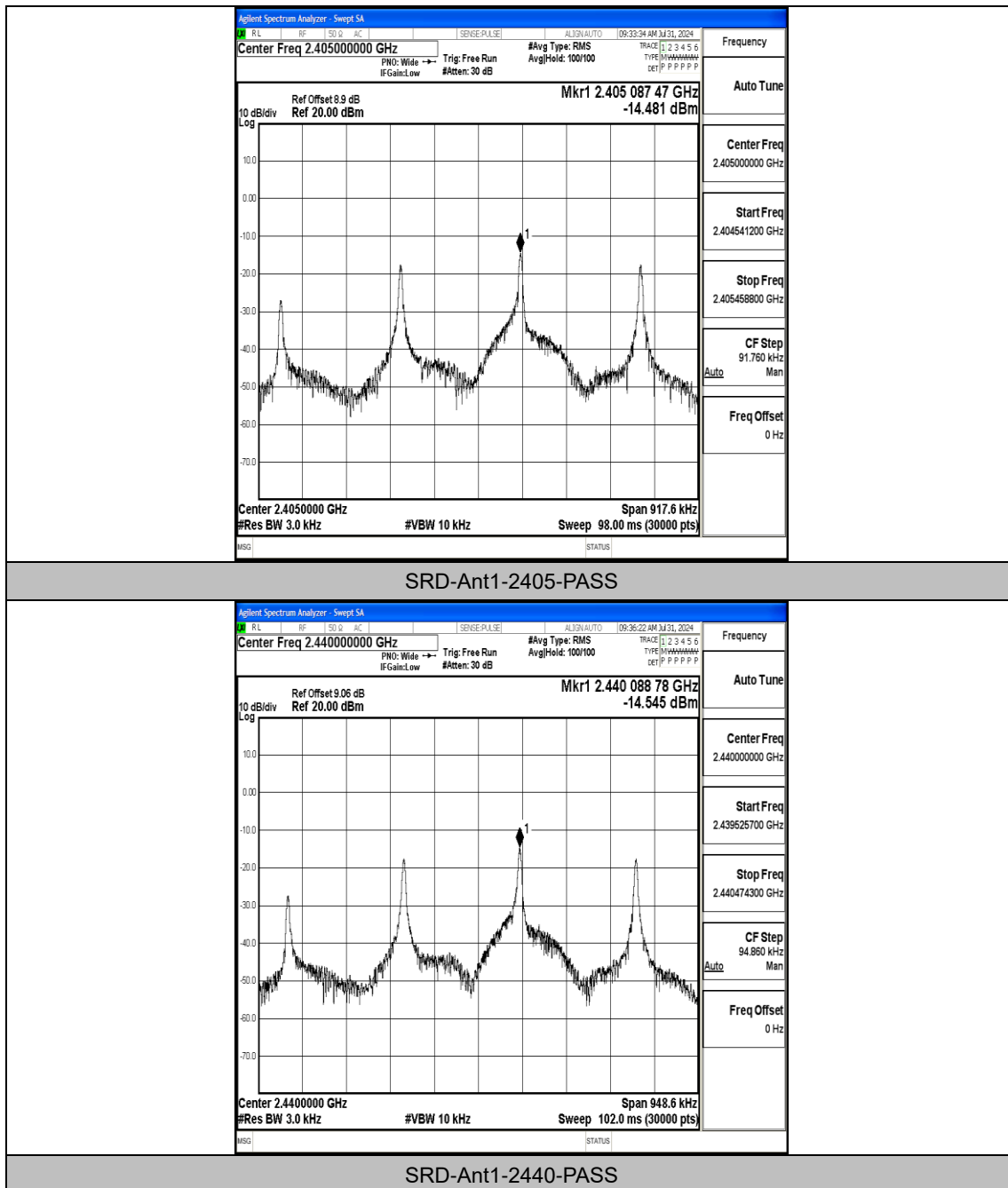


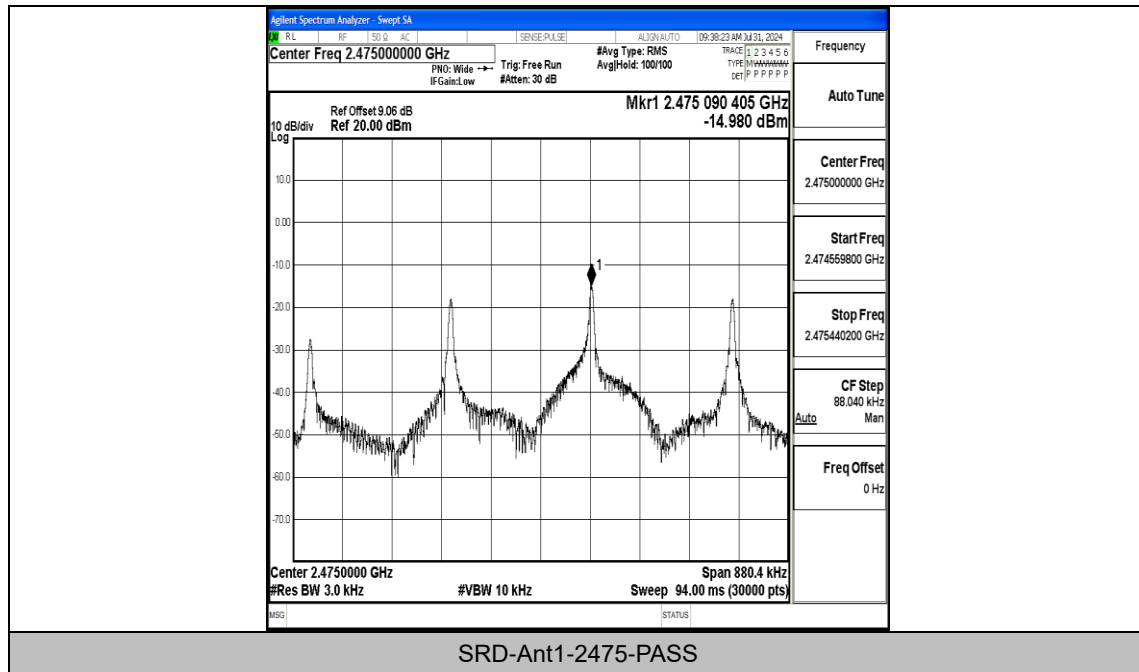
Appendix D: Maximum peak power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2405	-14.48	≤8.00	PASS
SRD	Ant1	2440	-14.55	≤8.00	PASS
SRD	Ant1	2475	-14.98	≤8.00	PASS

Test Graphs



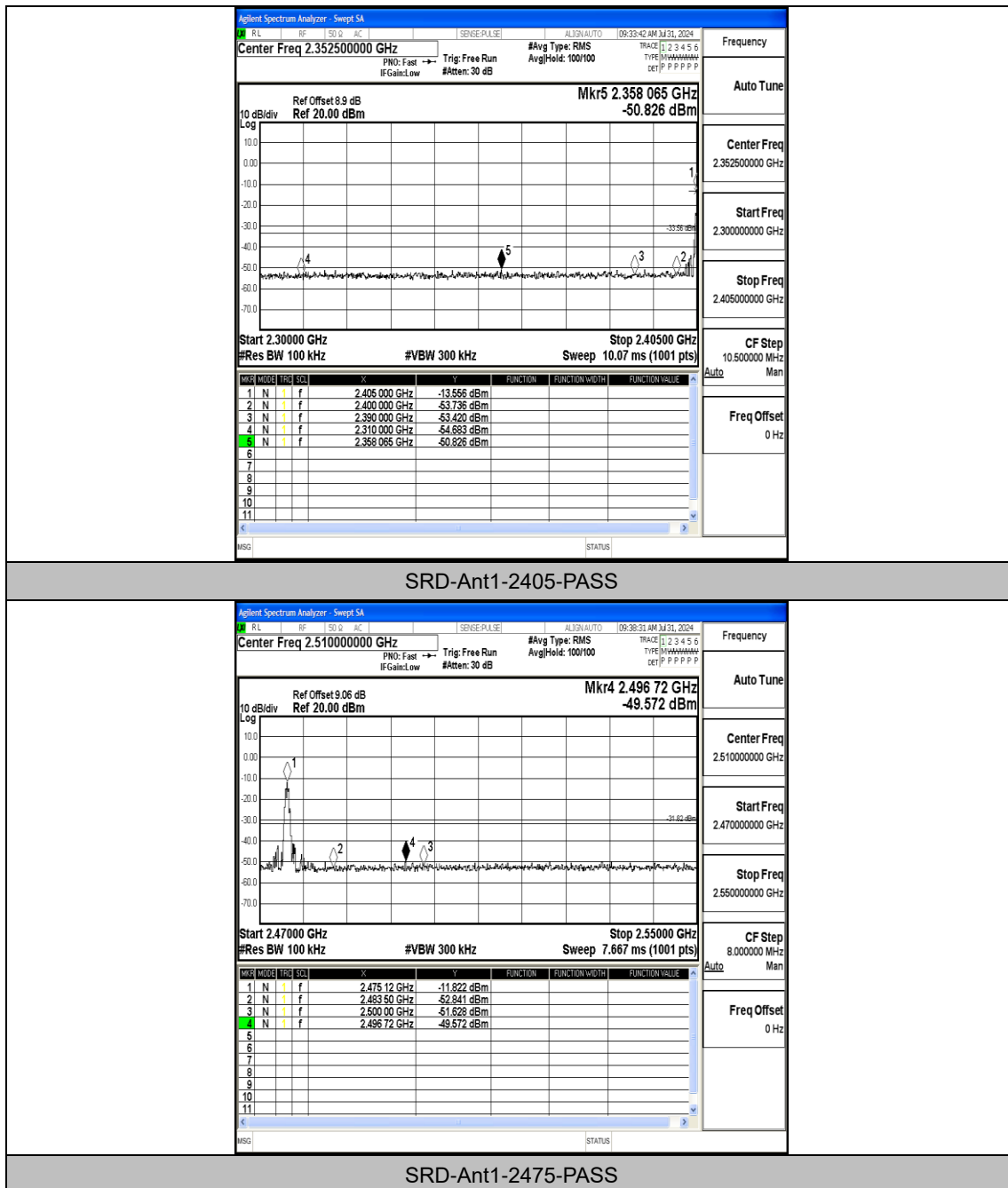


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2405	-13.56	-50.83	≤-33.56	PASS
SRD	Ant1	High	2475	-11.82	-49.57	≤-31.82	PASS

Test Graphs

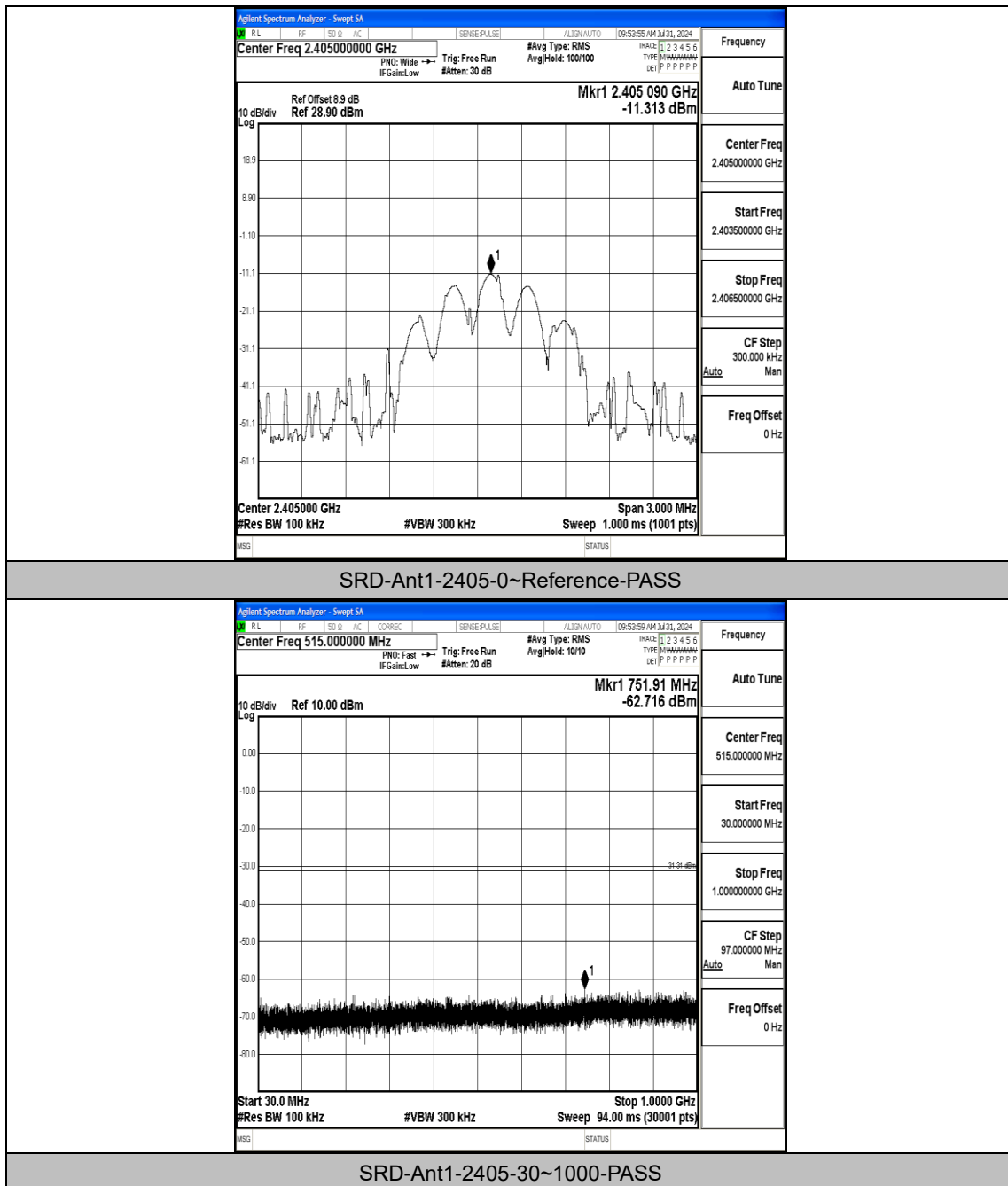


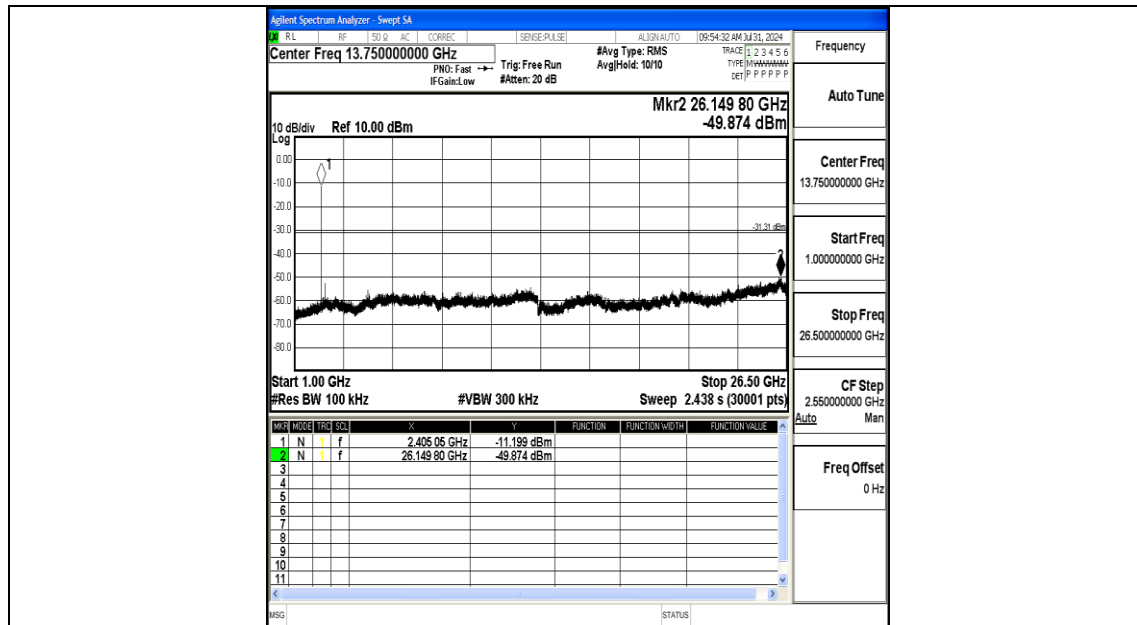
Appendix F: Conducted Spurious Emission

Test Result

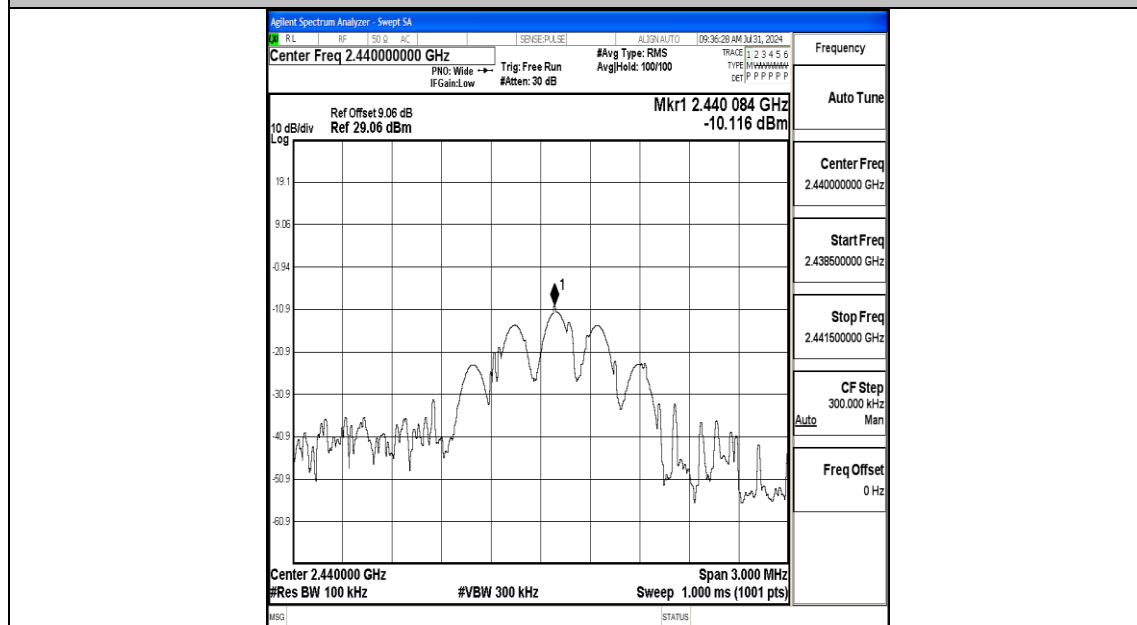
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2405	0~Reference	-11.31	-11.31	---	PASS
SRD	Ant1	2405	30~1000	-11.31	-62.72	≤-31.31	PASS
SRD	Ant1	2405	1000~26500	-11.31	-49.87	≤-31.31	PASS
SRD	Ant1	2440	0~Reference	-10.12	-10.12	---	PASS
SRD	Ant1	2440	30~1000	-10.12	-62.46	≤-30.12	PASS
SRD	Ant1	2440	1000~26500	-10.12	-48.47	≤-30.12	PASS
SRD	Ant1	2475	0~Reference	-11.62	-11.62	---	PASS
SRD	Ant1	2475	30~1000	-11.62	-63.26	≤-31.62	PASS
SRD	Ant1	2475	1000~26500	-11.76	-49.73	≤-31.76	PASS

Test Graphs

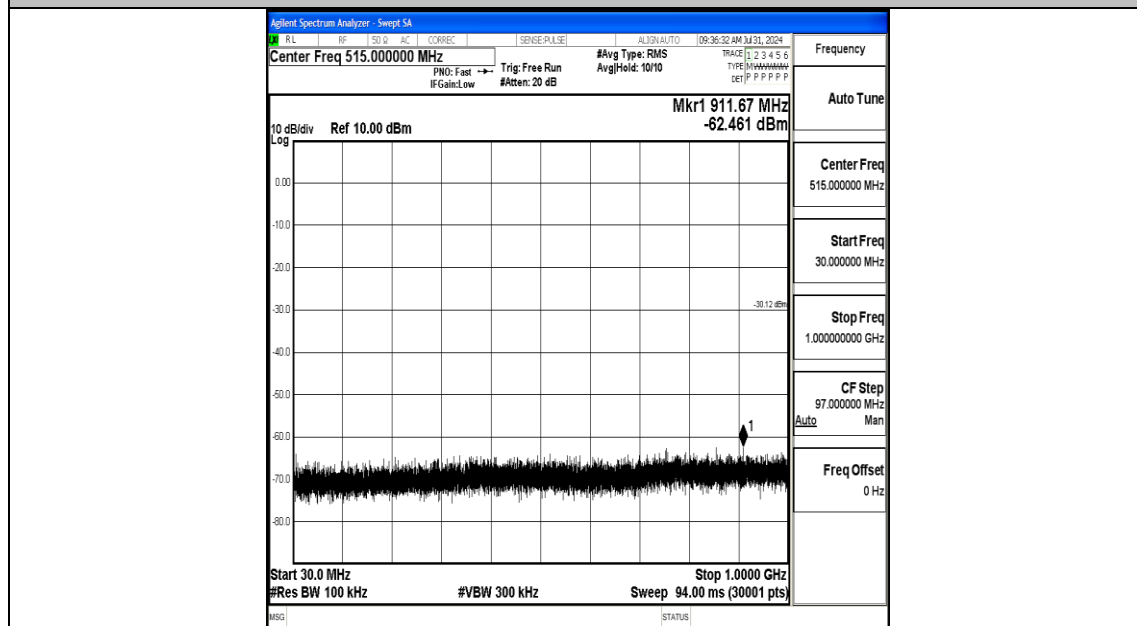




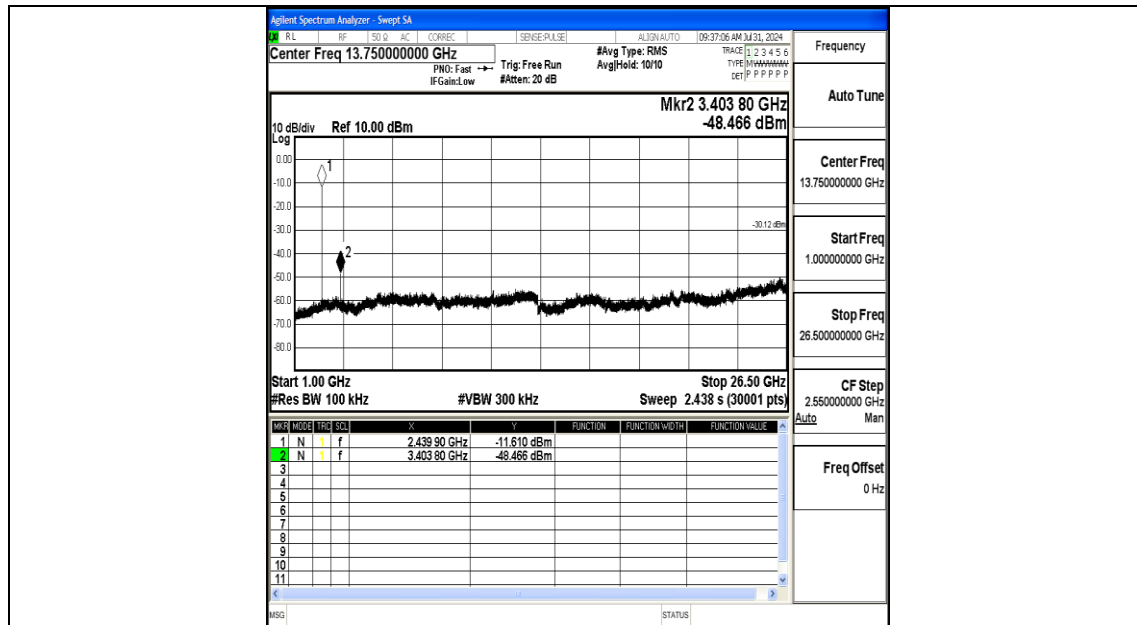
SRD-Ant1-2405-1000~26500-PASS



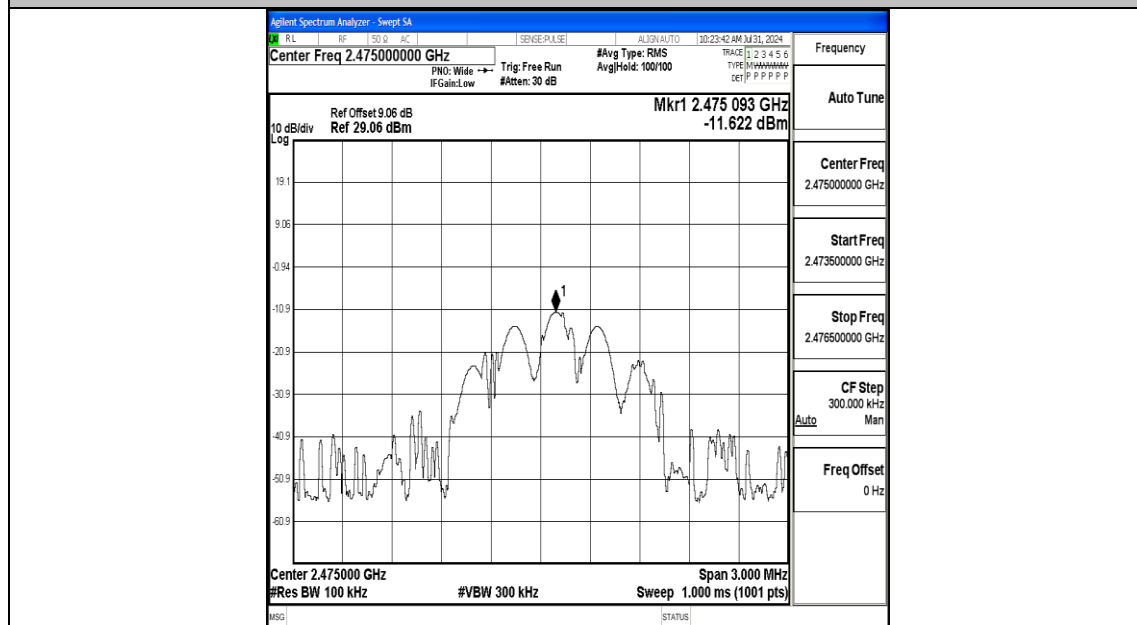
SRD-Ant1-2440-0~Reference-PASS



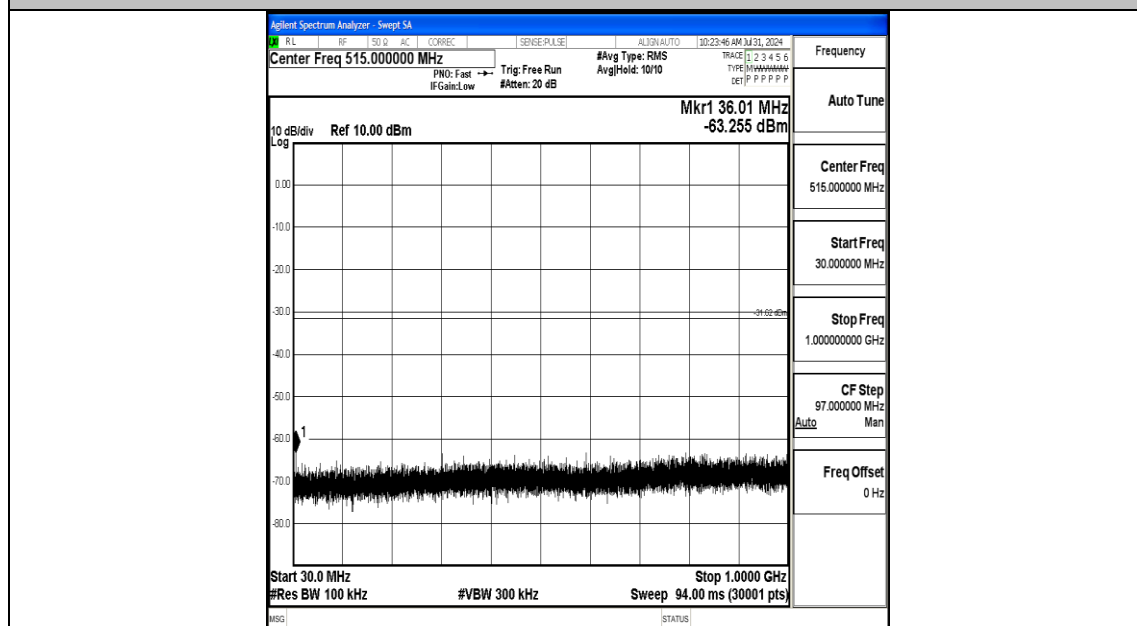
SRD-Ant1-2440-30~1000-PASS



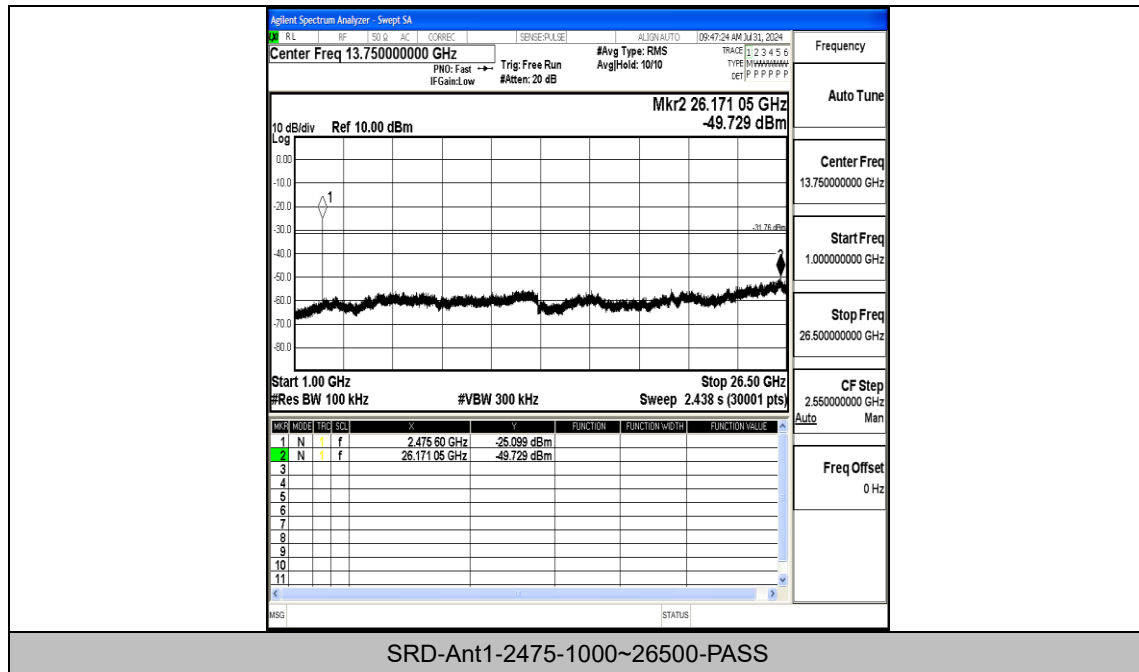
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2475-0~Reference-PASS



SRD-Ant1-2475-30~1000-PASS

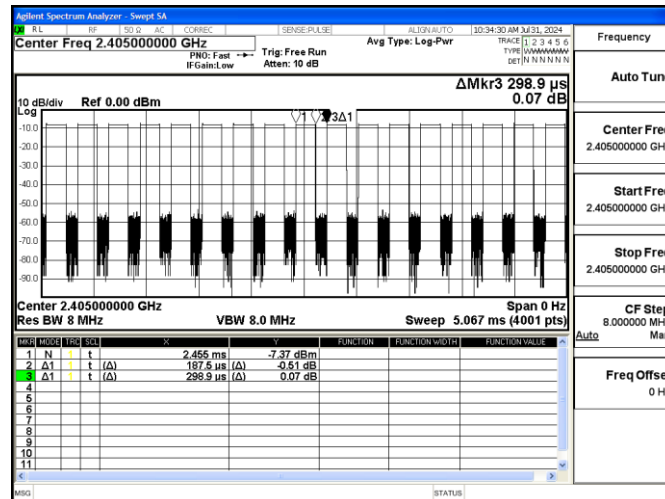


Appendix G: Duty Cycle

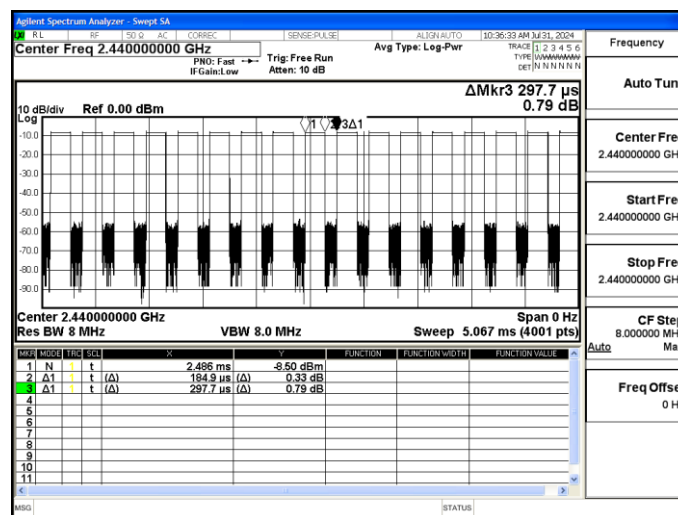
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
SRD	Ant1	2405	0.19	0.3	63	5.26
SRD	Ant1	2440	0.18	0.3	60	5.56
SRD	Ant1	2475	0.18	0.3	60	5.56

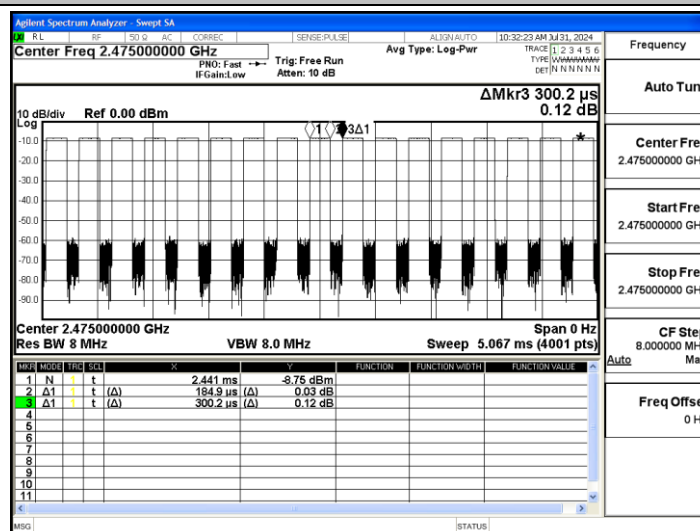
Test Graphs



NTNV-SRD-Ant1-2405



NTNV-SRD-Ant1-2440



NTNV-SRD-Ant1-2475