

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Track series

Trade Mark: N/A

Test Model: 35-5C

FCC ID: 2A779-2024RC

Environmental Conditions

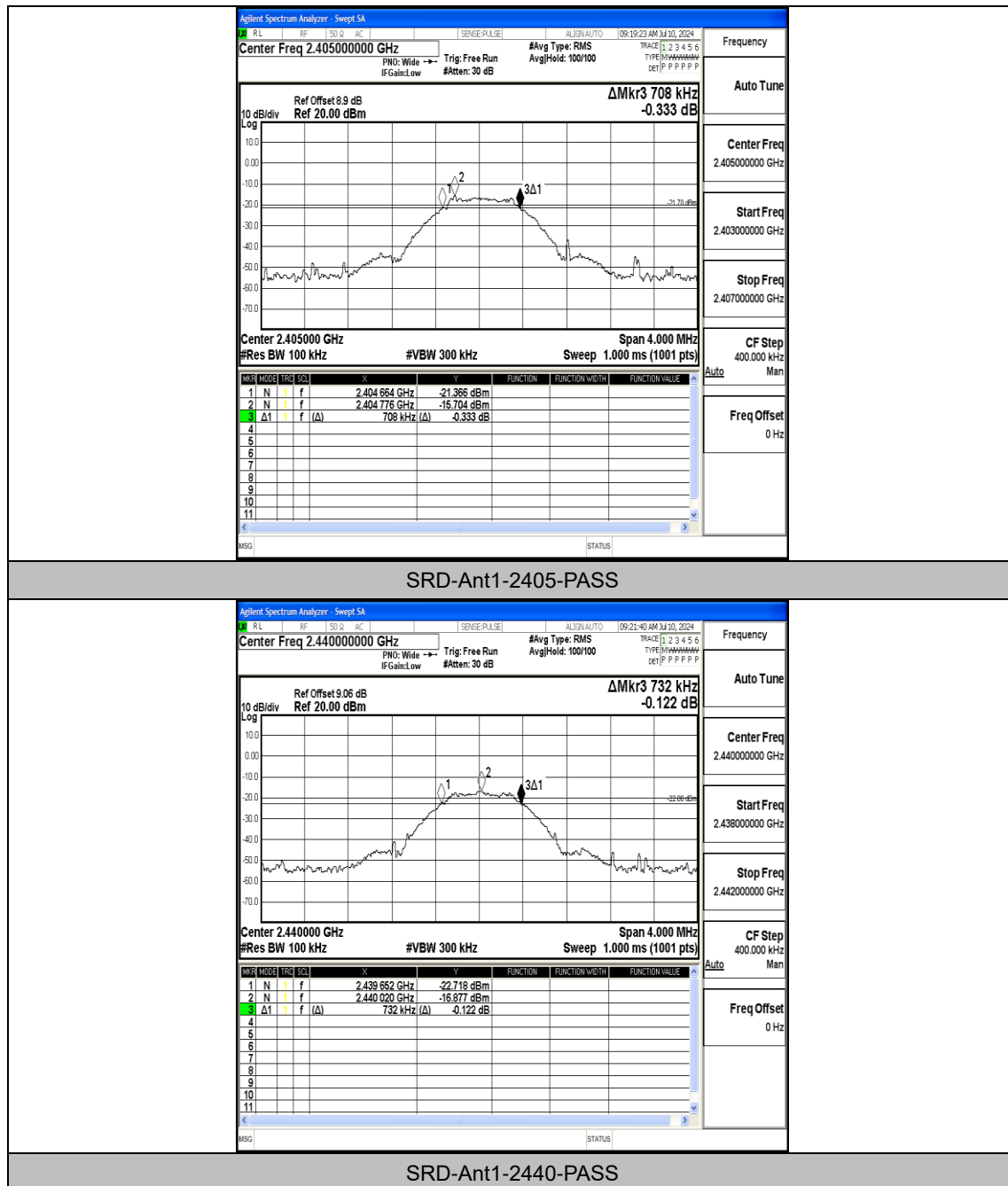
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

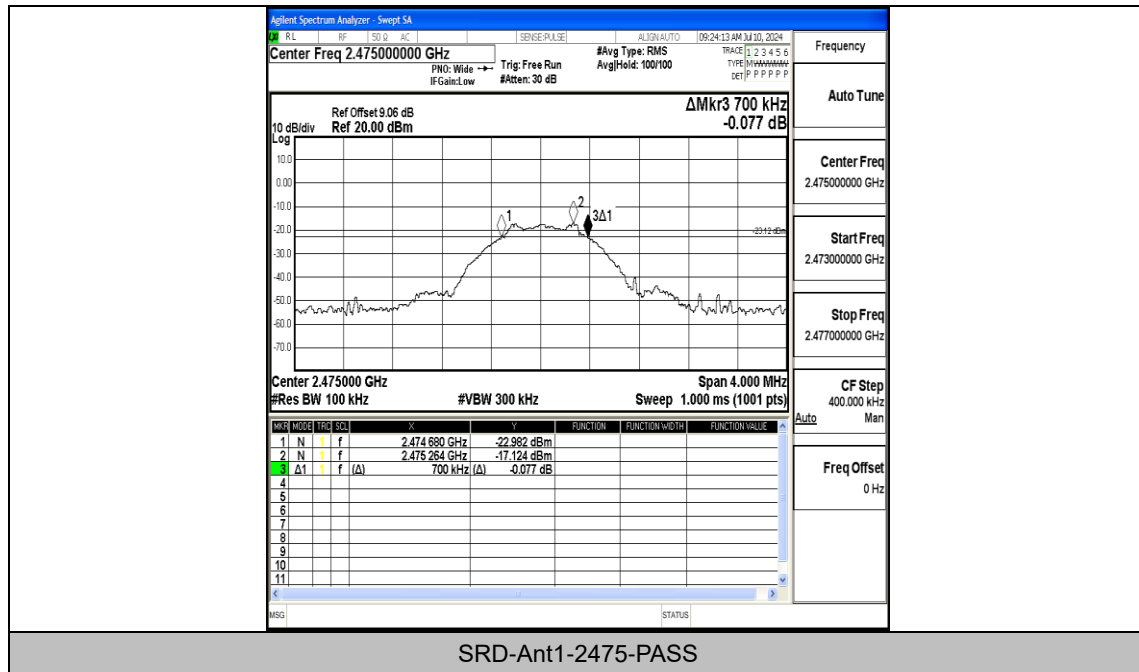
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	0.708	2404.664	2405.372	0.5	PASS
SRD	Ant1	2440	0.732	2439.652	2440.384	0.5	PASS
SRD	Ant1	2475	0.700	2474.680	2475.380	0.5	PASS

Test Graphs



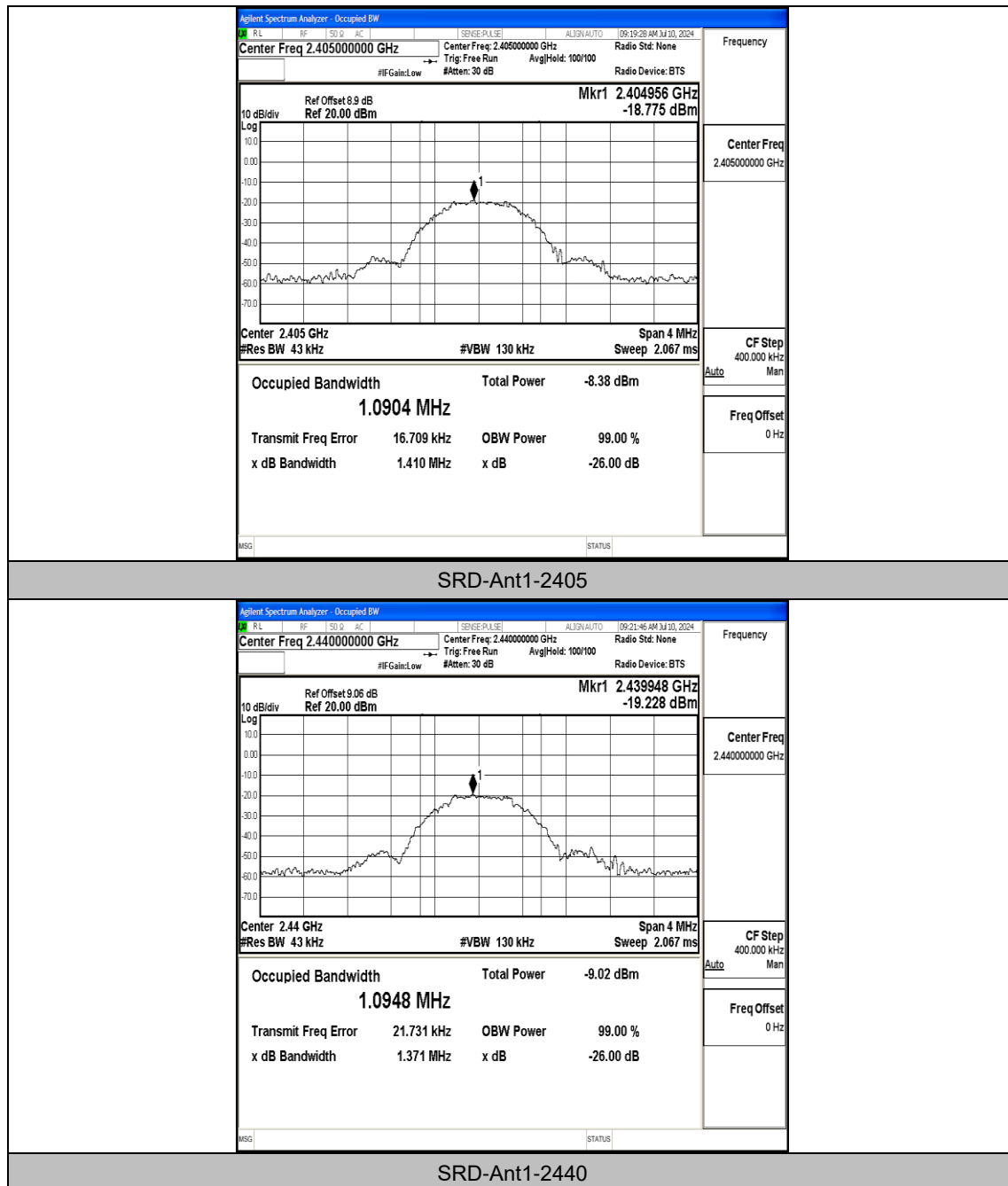


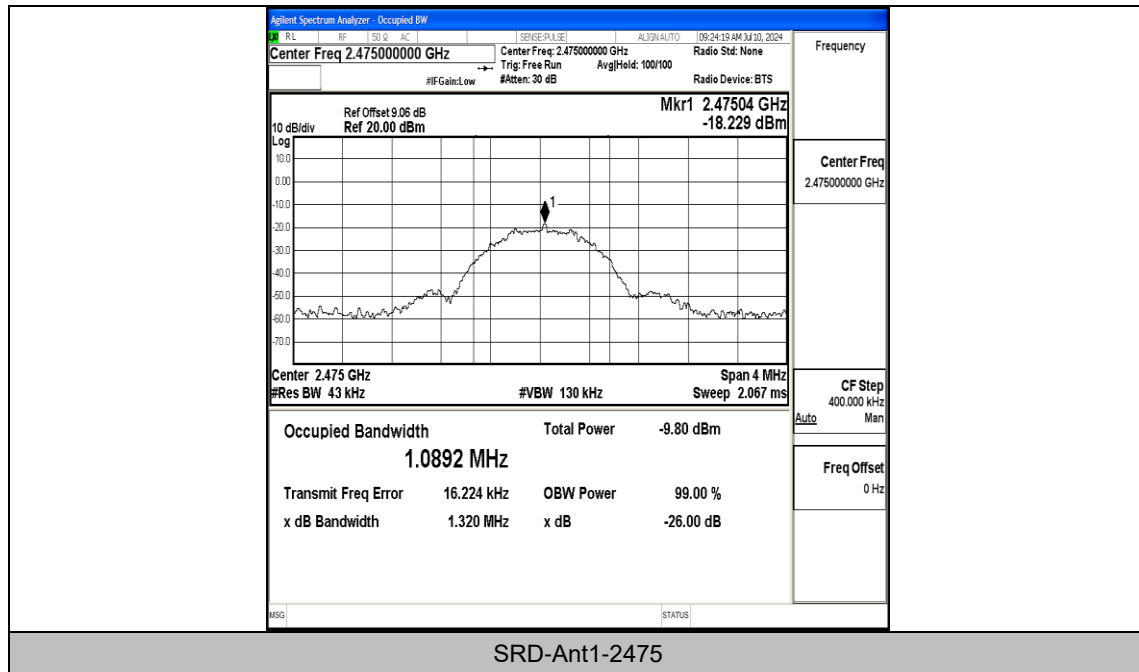
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	1.0904	2404.4715	2405.5619	---	---
SRD	Ant1	2440	1.0948	2439.4743	2440.5691	---	---
SRD	Ant1	2475	1.0892	2474.4716	2475.5608	---	---

Test Graphs



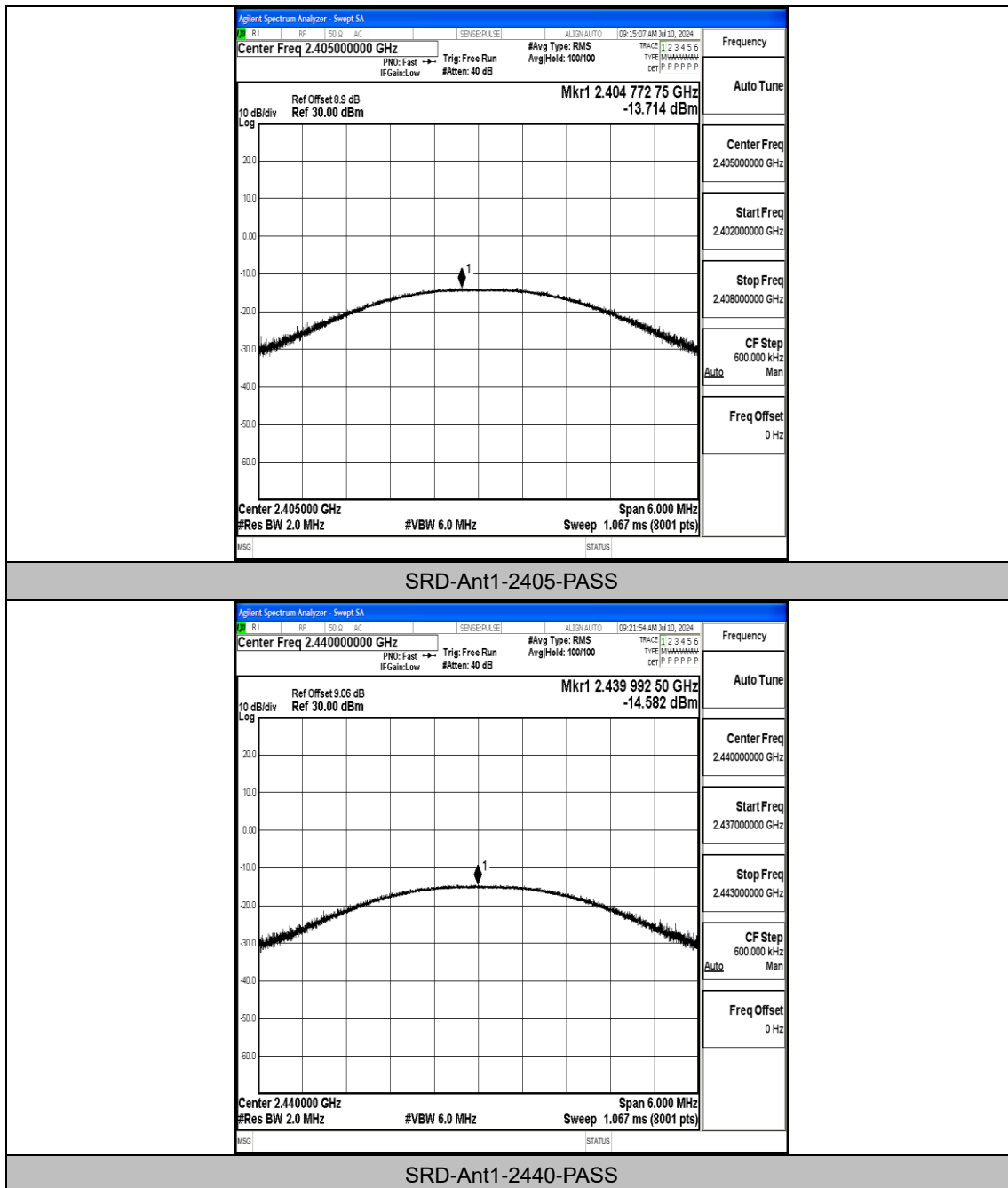


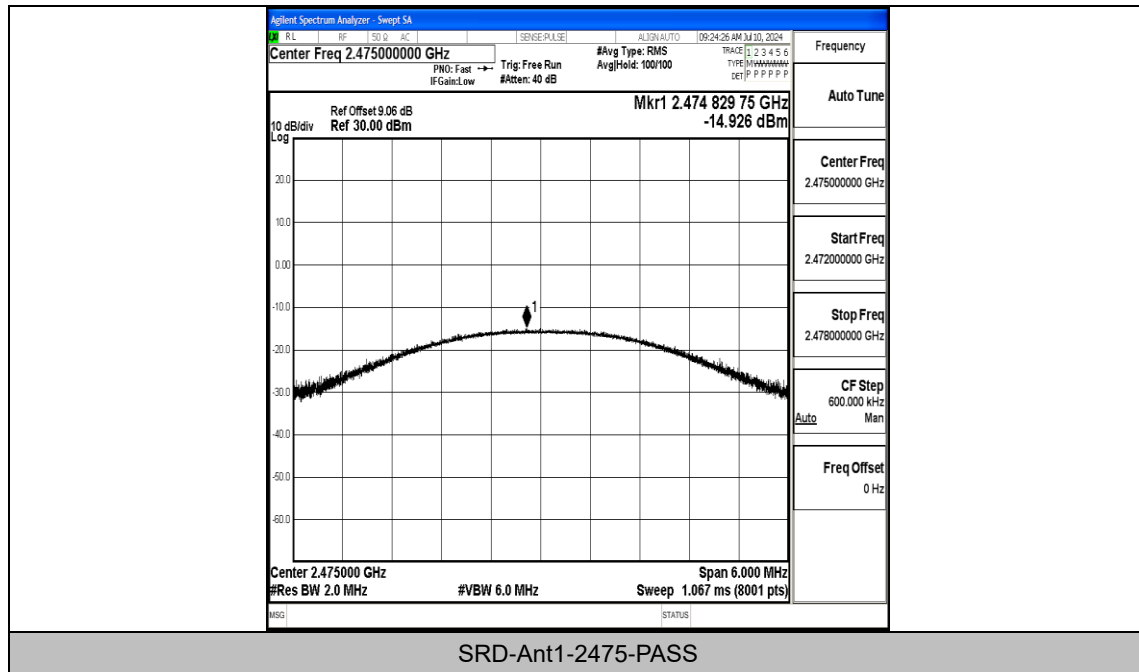
Appendix C: Maximum peak conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2405	-13.71	≤30	PASS
SRD	Ant1	2440	-14.58	≤30	PASS
SRD	Ant1	2475	-14.93	≤30	PASS

Test Graphs Peak



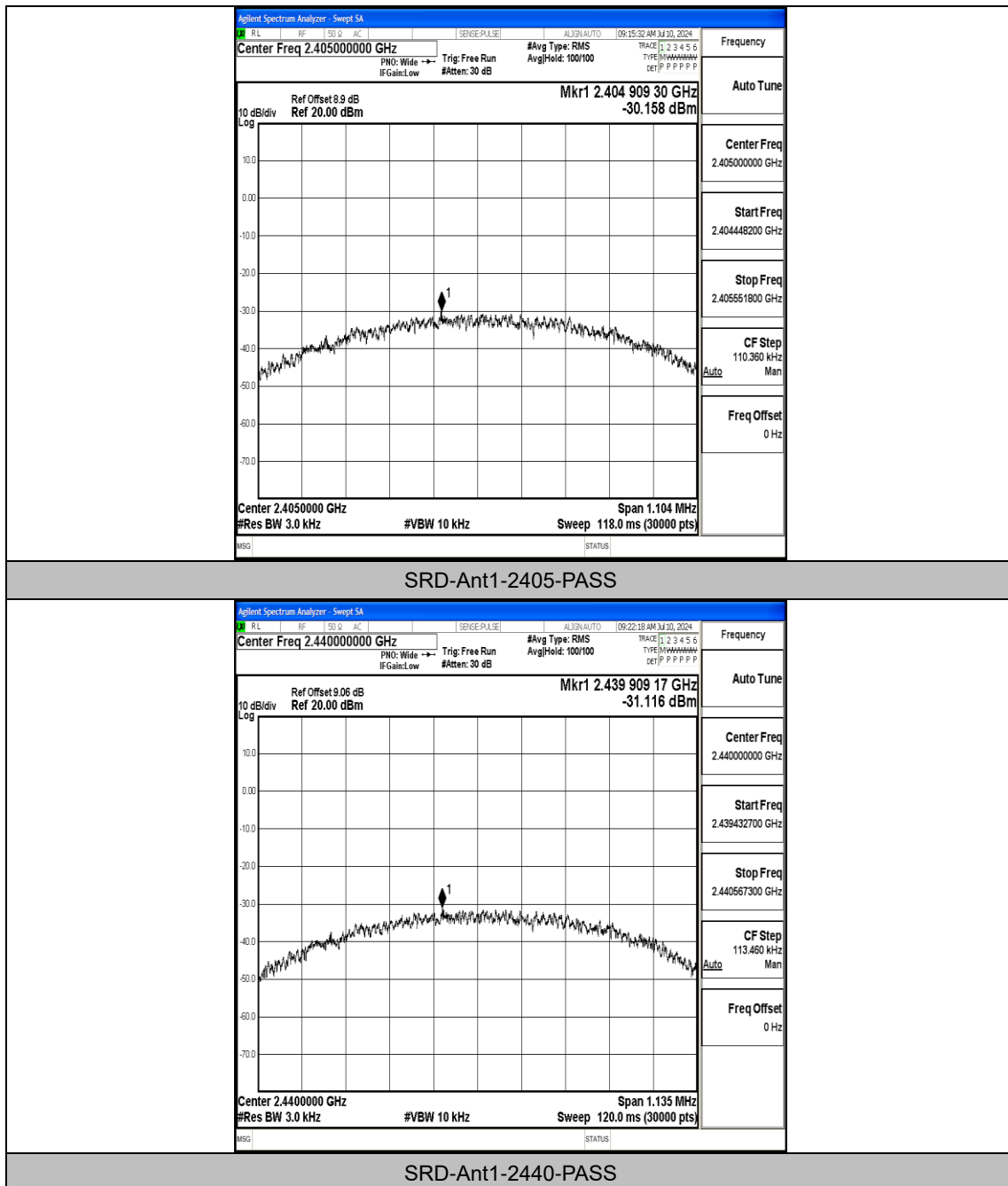


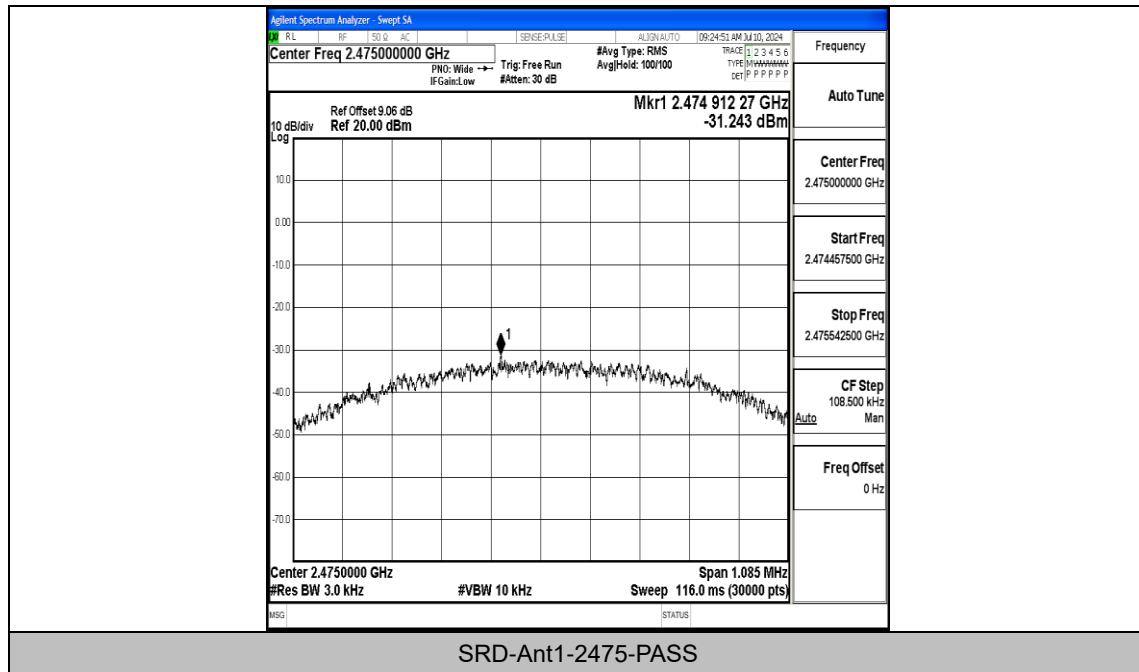
Appendix D: Maximum peak power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2405	-30.16	≤8.00	PASS
SRD	Ant1	2440	-31.12	≤8.00	PASS
SRD	Ant1	2475	-31.24	≤8.00	PASS

Test Graphs



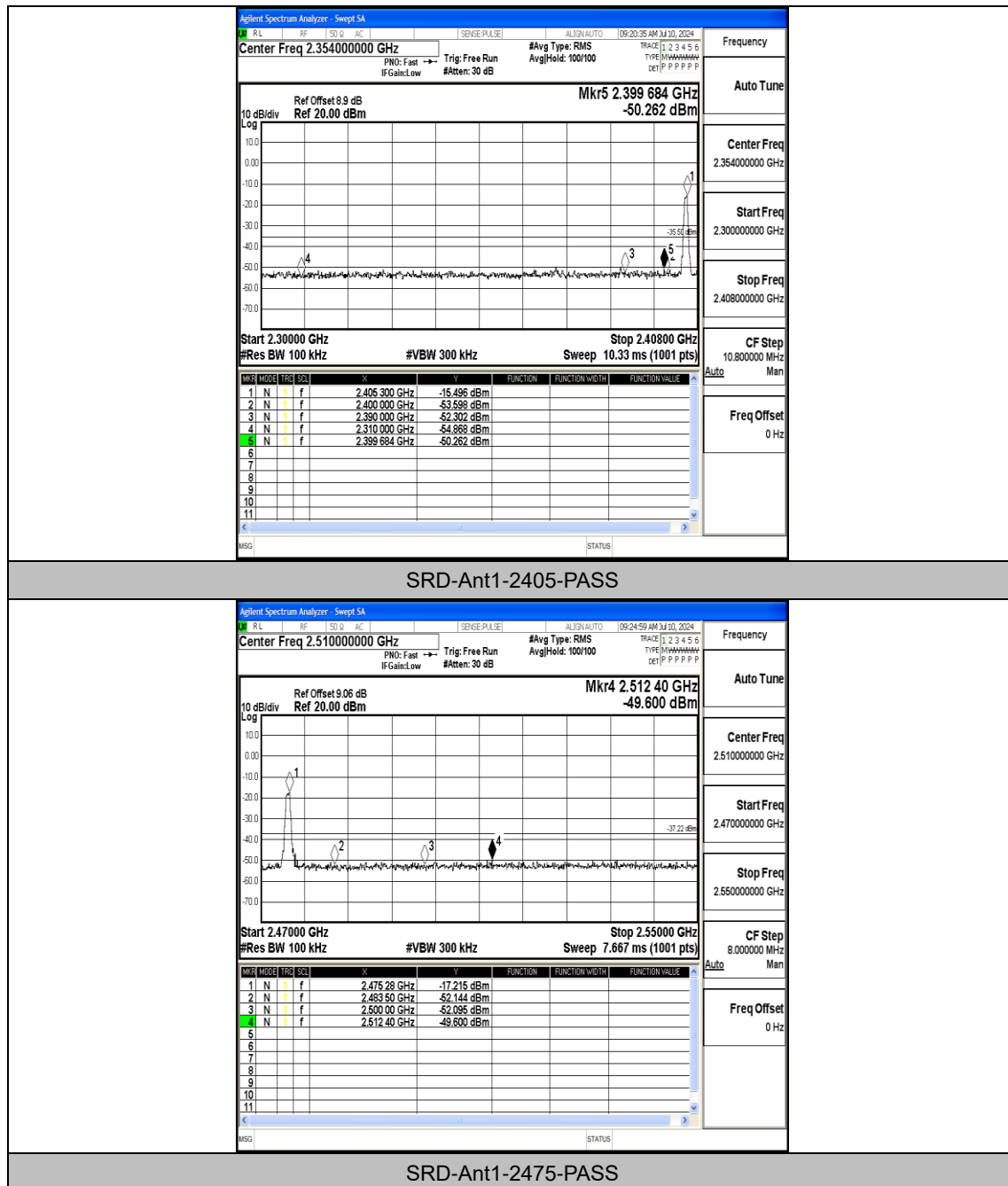


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2405	-15.50	-50.26	≤-35.5	PASS
SRD	Ant1	High	2475	-17.22	-49.6	≤-37.22	PASS

Test Graphs

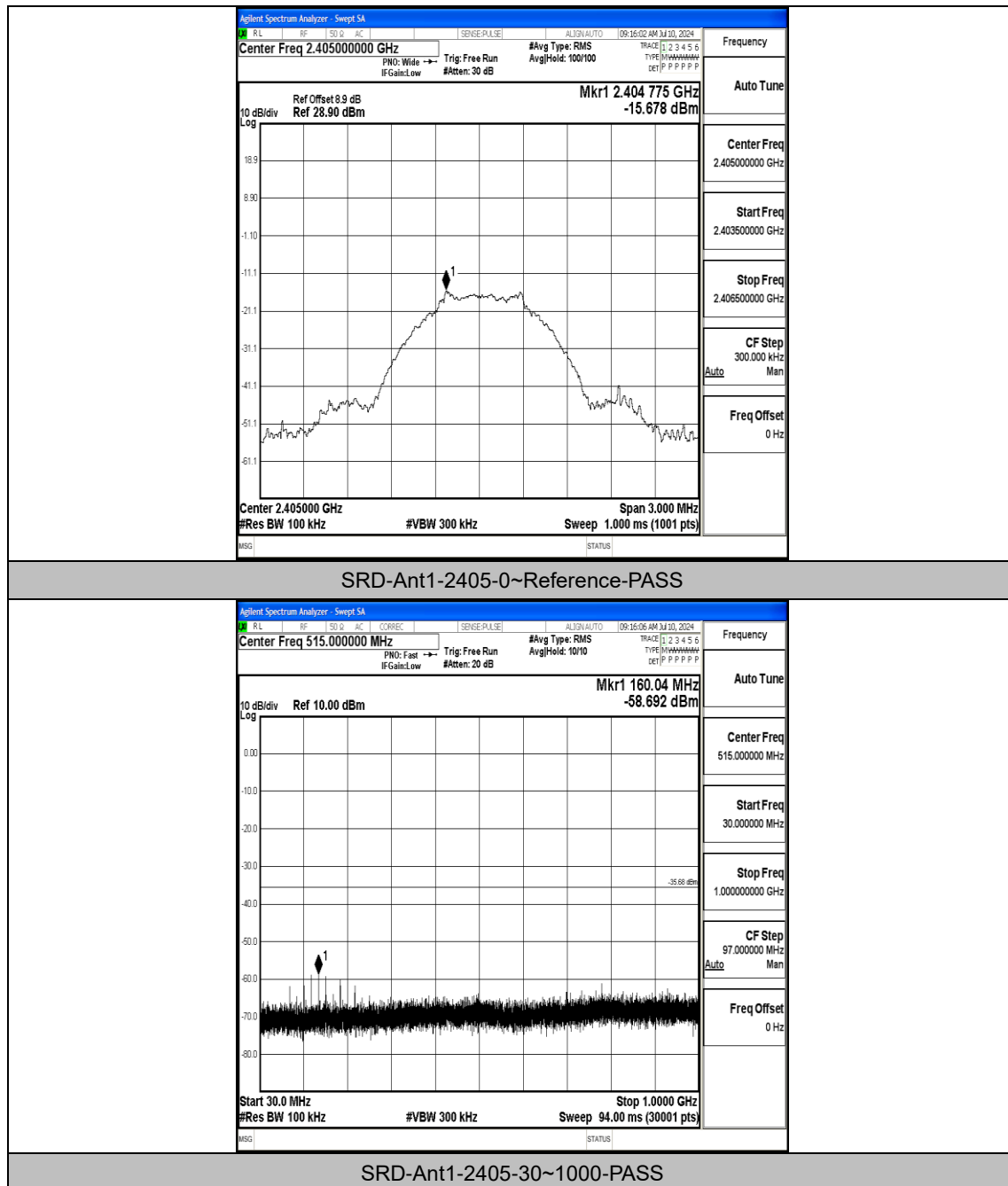


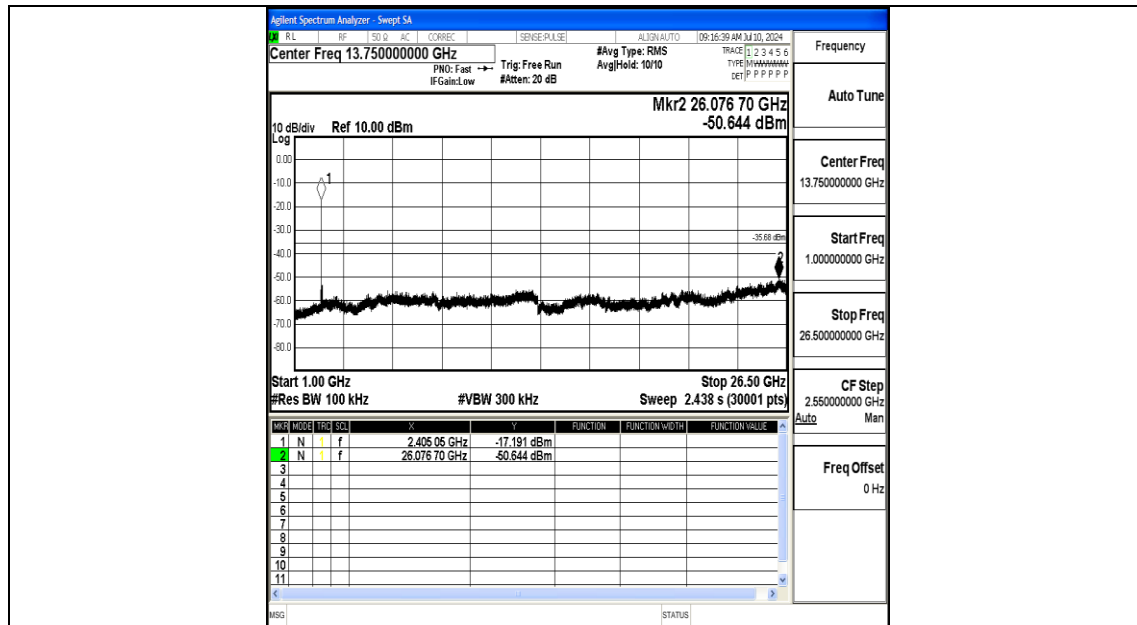
Appendix F: Conducted Spurious Emission

Test Result

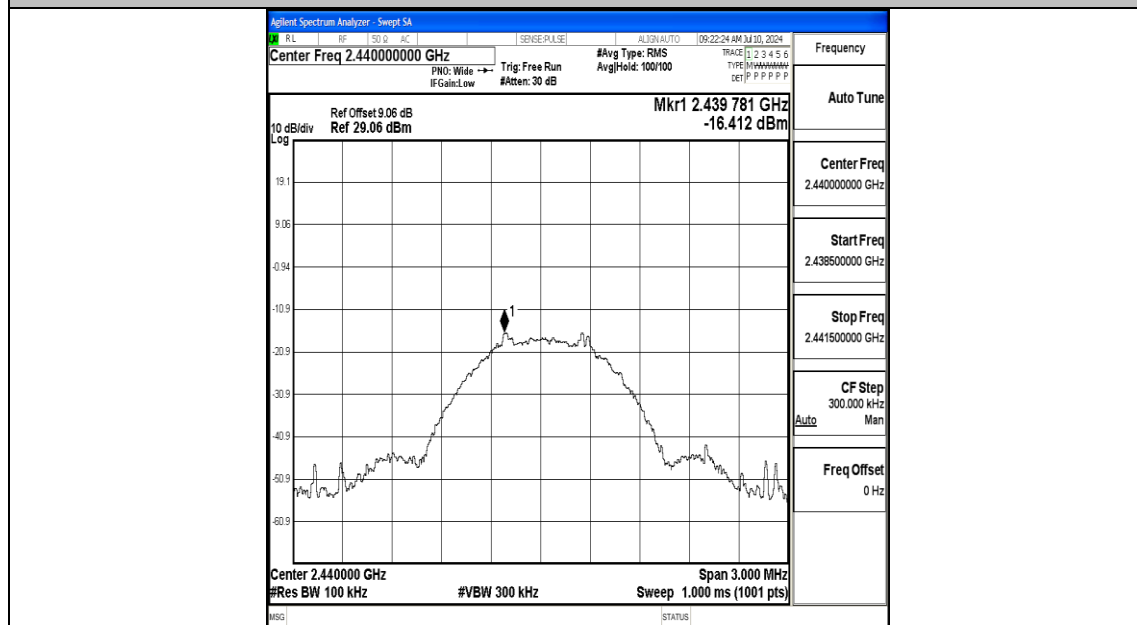
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2405	0~Reference	-15.68	-15.68	---	PASS
SRD	Ant1	2405	30~1000	-15.68	-58.69	≤-35.68	PASS
SRD	Ant1	2405	1000~26500	-15.68	-50.64	≤-35.68	PASS
SRD	Ant1	2440	0~Reference	-16.41	-16.41	---	PASS
SRD	Ant1	2440	30~1000	-16.41	-58.33	≤-36.41	PASS
SRD	Ant1	2440	1000~26500	-16.41	-50.78	≤-36.41	PASS
SRD	Ant1	2475	0~Reference	-17.29	-17.29	---	PASS
SRD	Ant1	2475	30~1000	-17.29	-58.64	≤-37.29	PASS
SRD	Ant1	2475	1000~26500	-17.29	-49.69	≤-37.29	PASS

Test Graphs

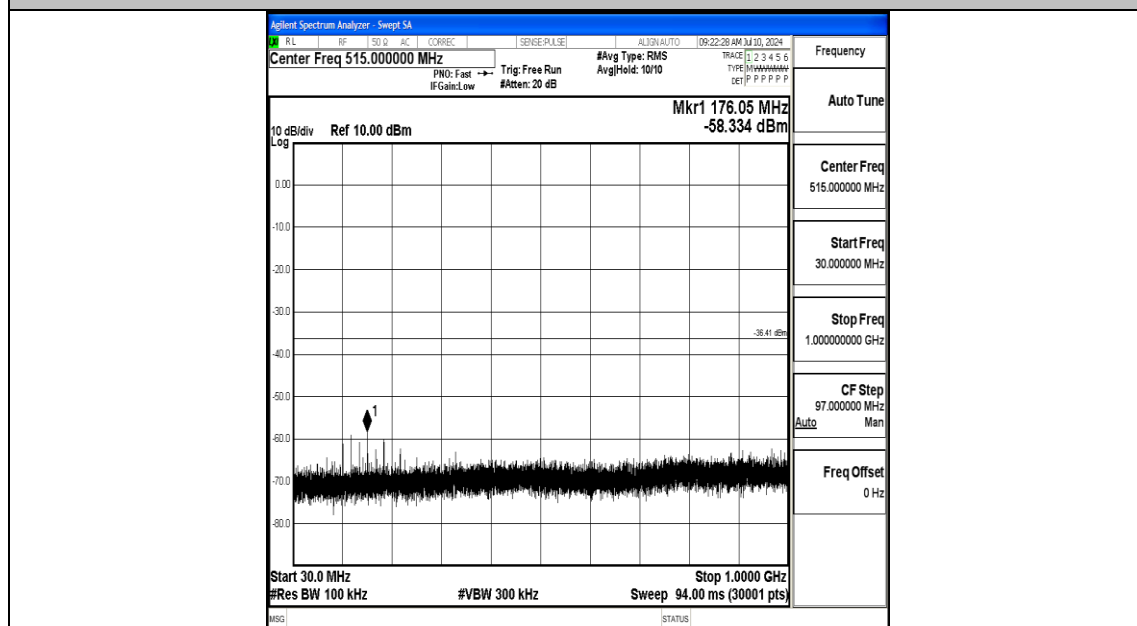




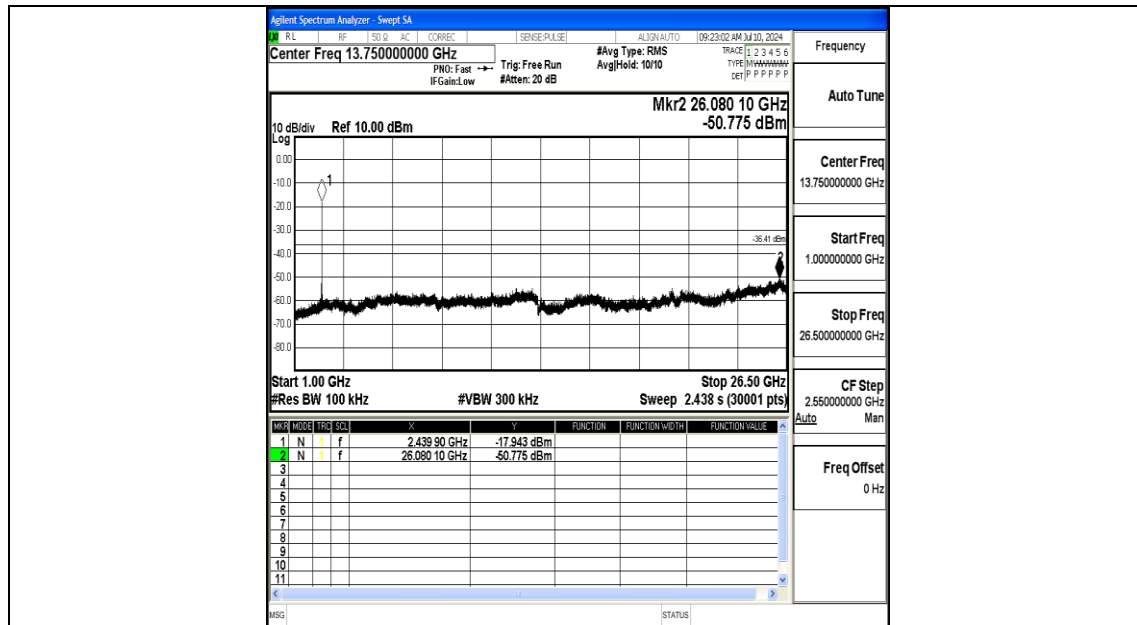
SRD-Ant1-2405-1000~26500-PASS



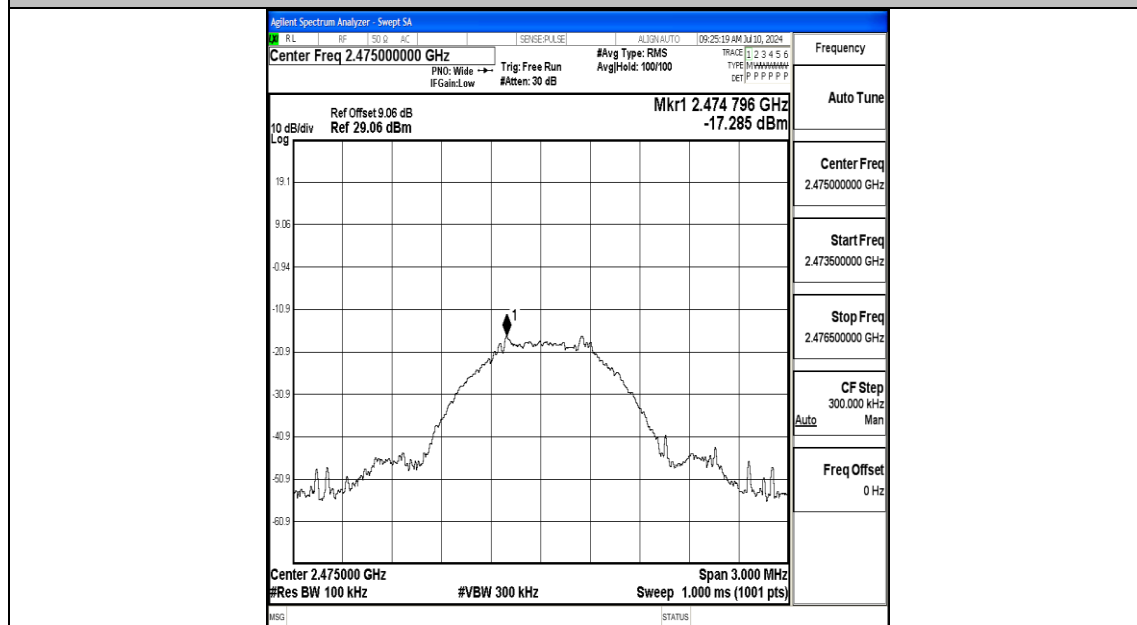
SRD-Ant1-2440-0~Reference-PASS



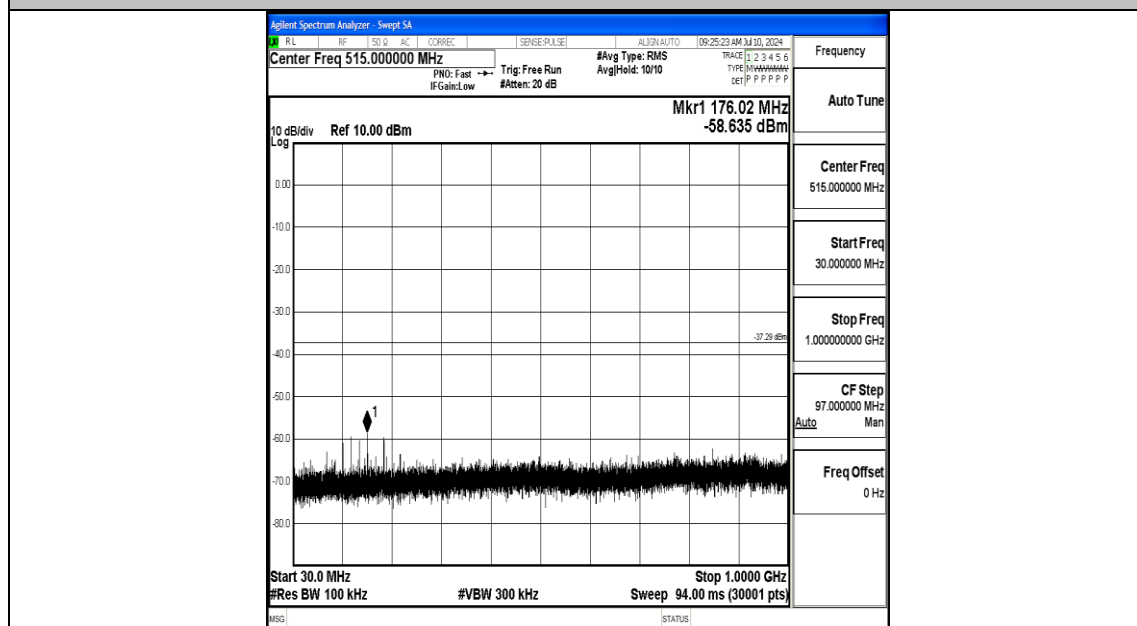
SRD-Ant1-2440-30~1000-PASS



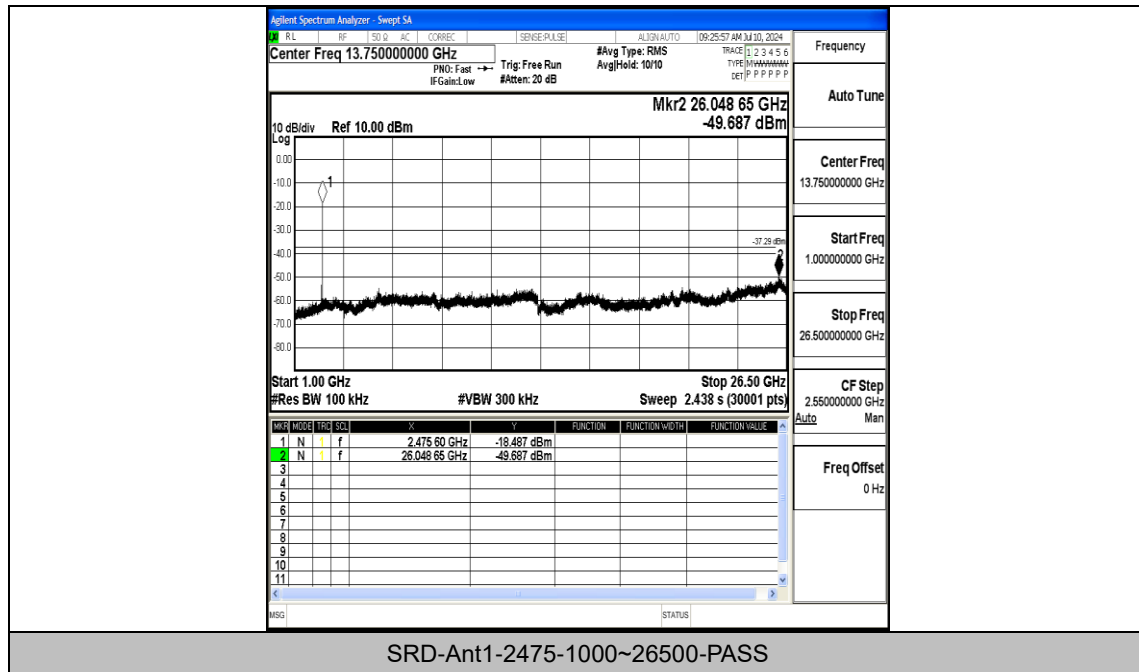
SRD-Ant1-2440-1000~26500-PASS



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	9.96	10.14	98.22	0.08
SRD	Ant1	2440	9.95	10.13	98.22	0.08
SRD	Ant1	2475	9.94	10.14	98.03	0.09

Test Graphs

