

Appendix Test Data for BLE (Conducted Measurement)

Product Name: Remote Control Car

Trade Mark: N/A

Test Model: 9525-1

FCC ID: 2AY7W9525

Environmental Conditions

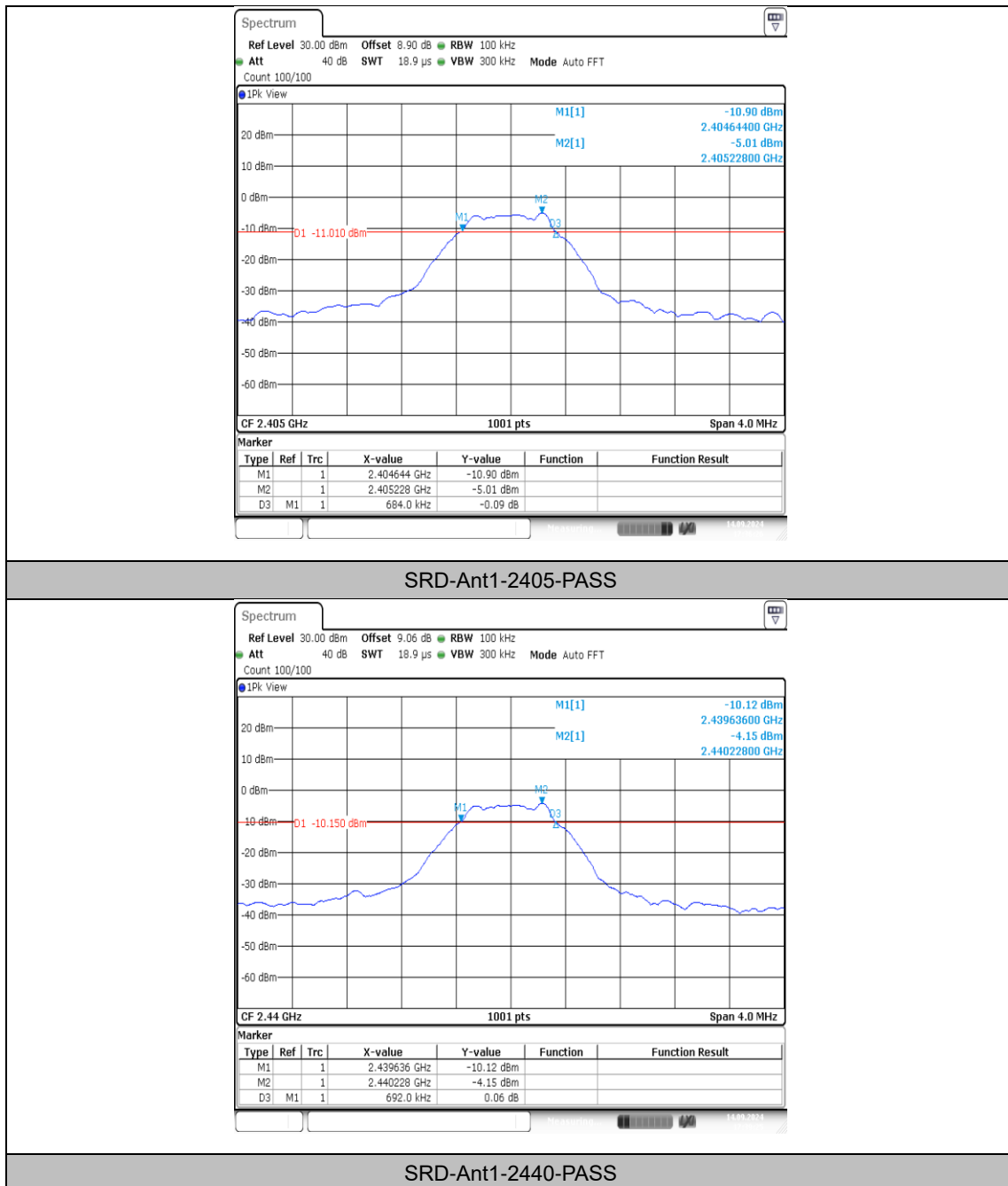
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

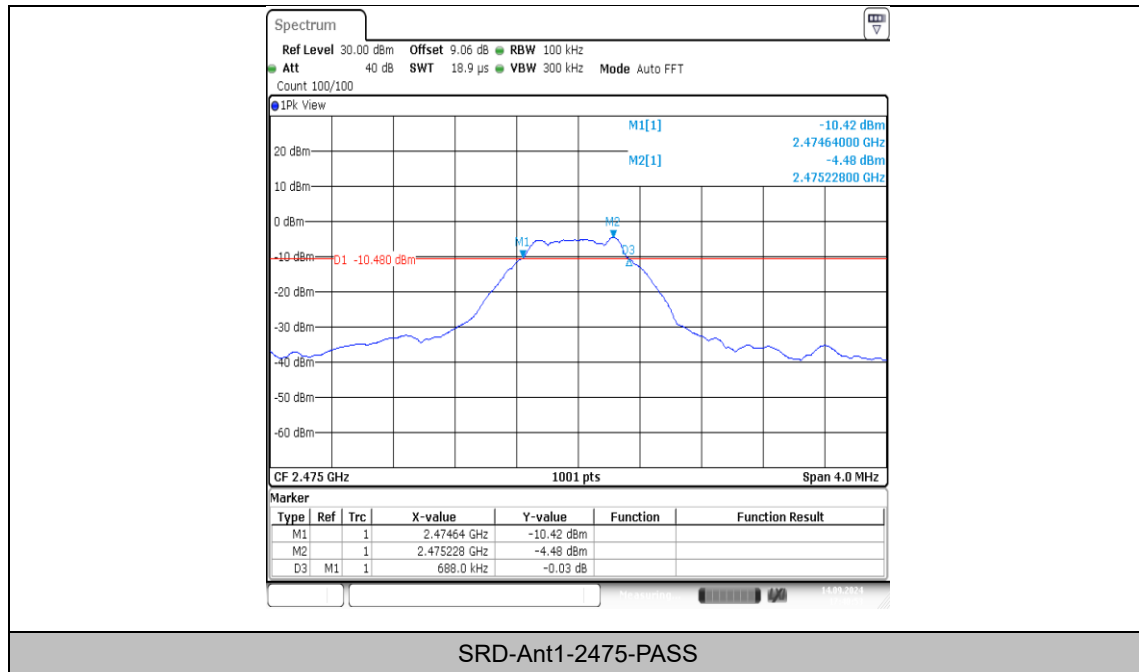
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	0.68	2404.64	2405.33	0.5	PASS
SRD	Ant1	2440	0.69	2439.64	2440.33	0.5	PASS
SRD	Ant1	2475	0.69	2474.64	2475.33	0.5	PASS

Test Graphs





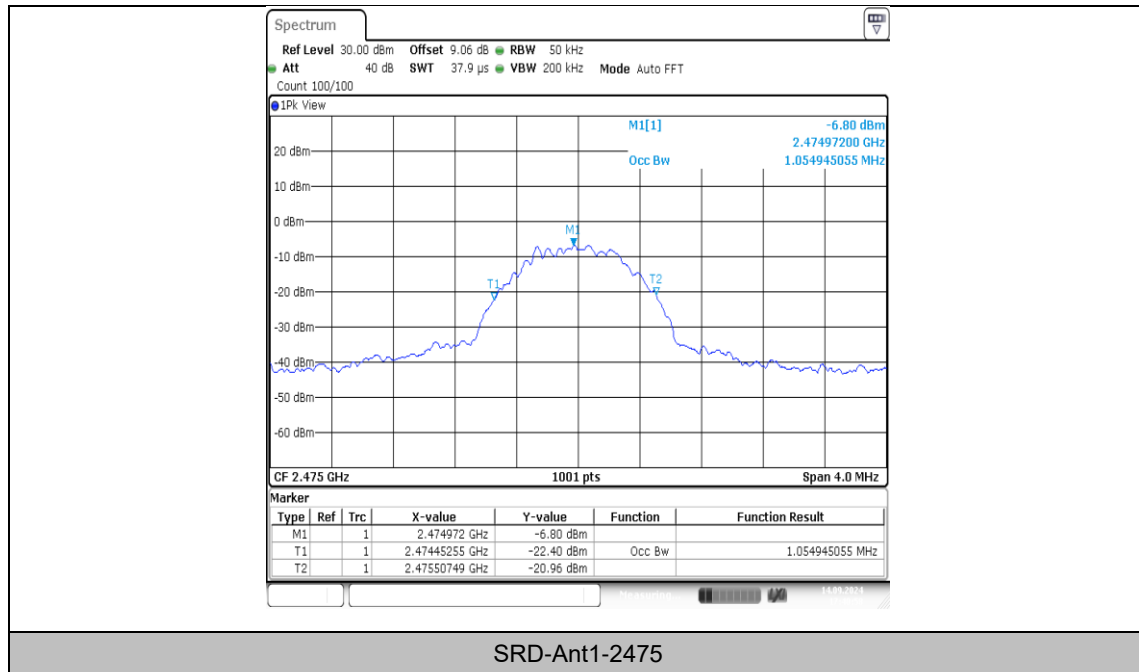
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2405	1.059	2404.4486	2405.5075	---	---
SRD	Ant1	2440	1.059	2439.4486	2440.5075	---	---
SRD	Ant1	2475	1.055	2474.4525	2475.5075	---	---

Test Graphs



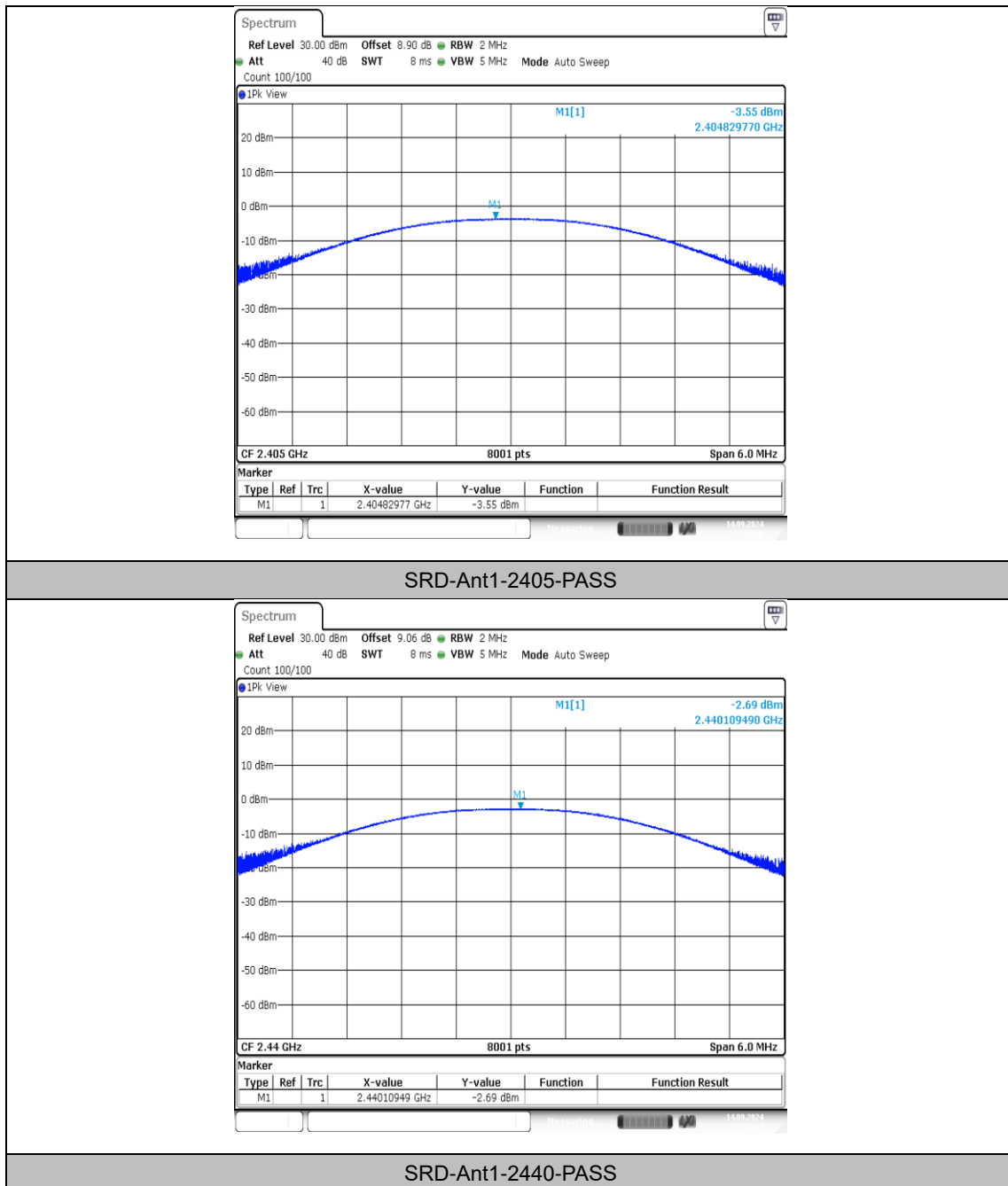


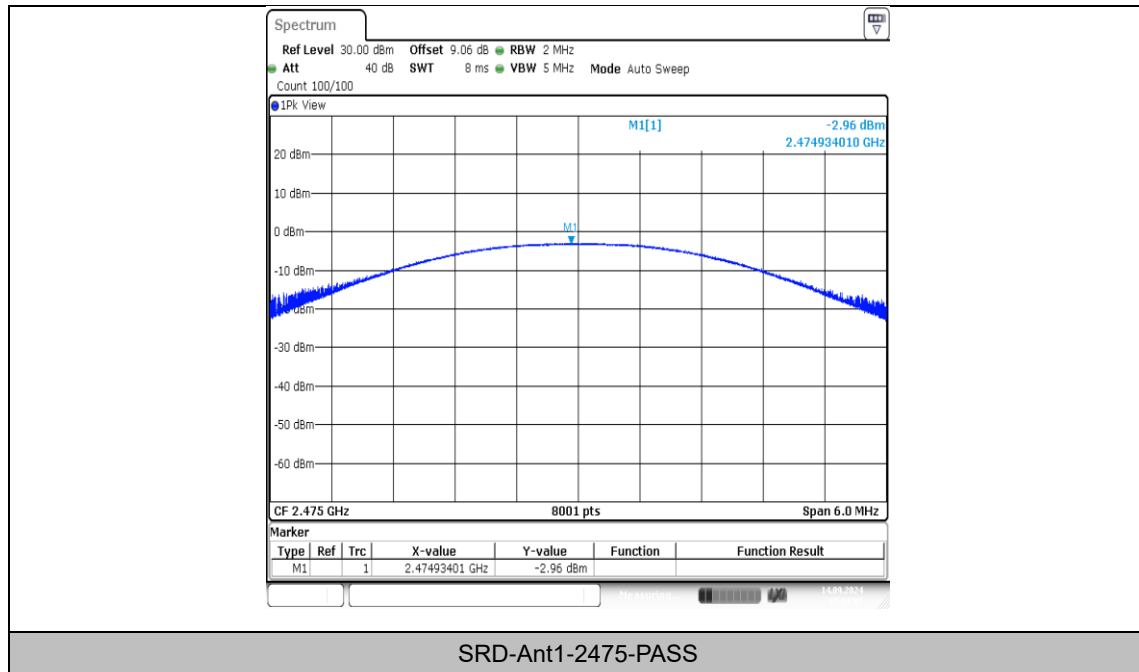
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2405	-3.55	≤30	PASS
SRD	Ant1	2440	-2.69	≤30	PASS
SRD	Ant1	2475	-2.96	≤30	PASS

Test Graphs Peak



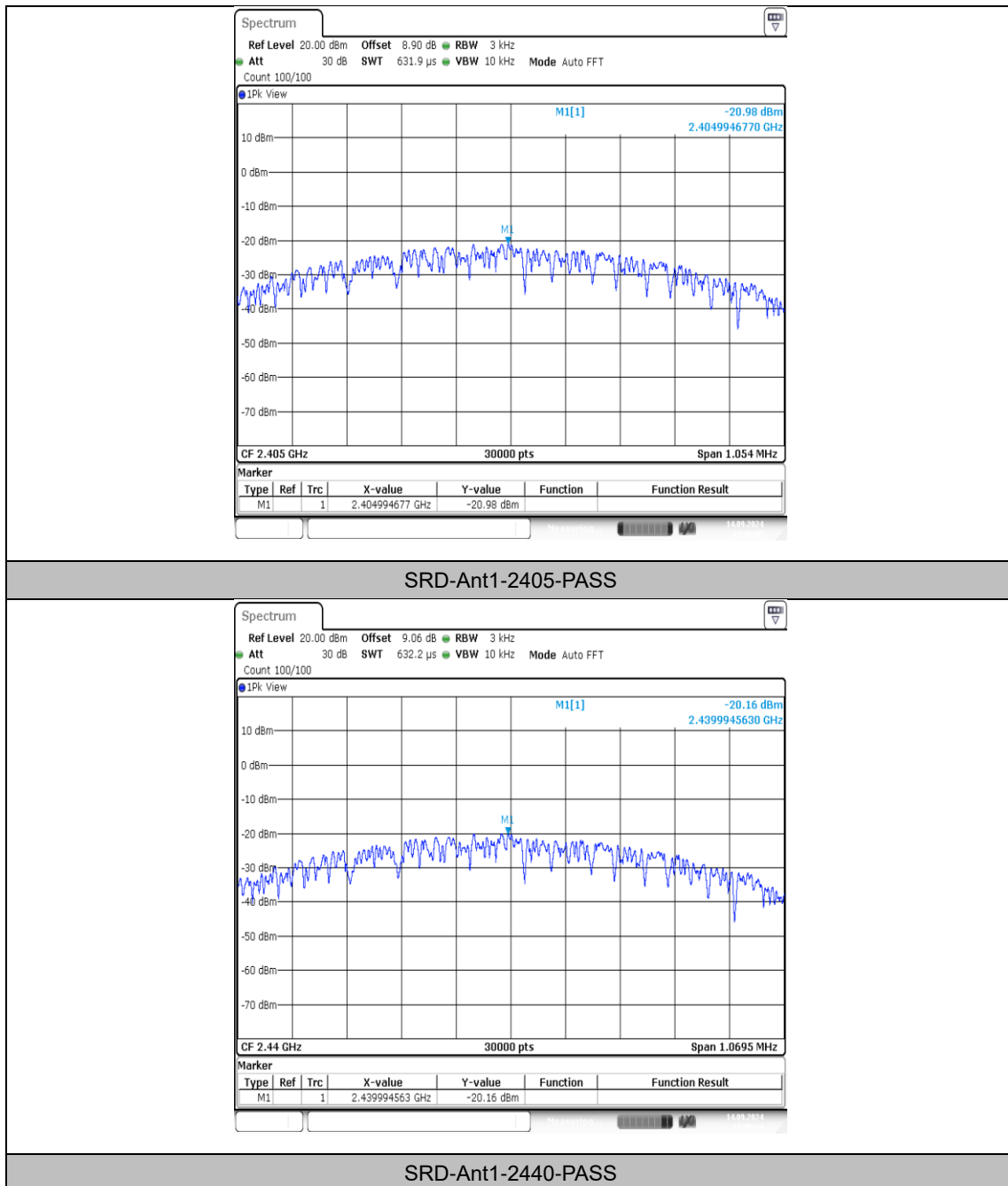


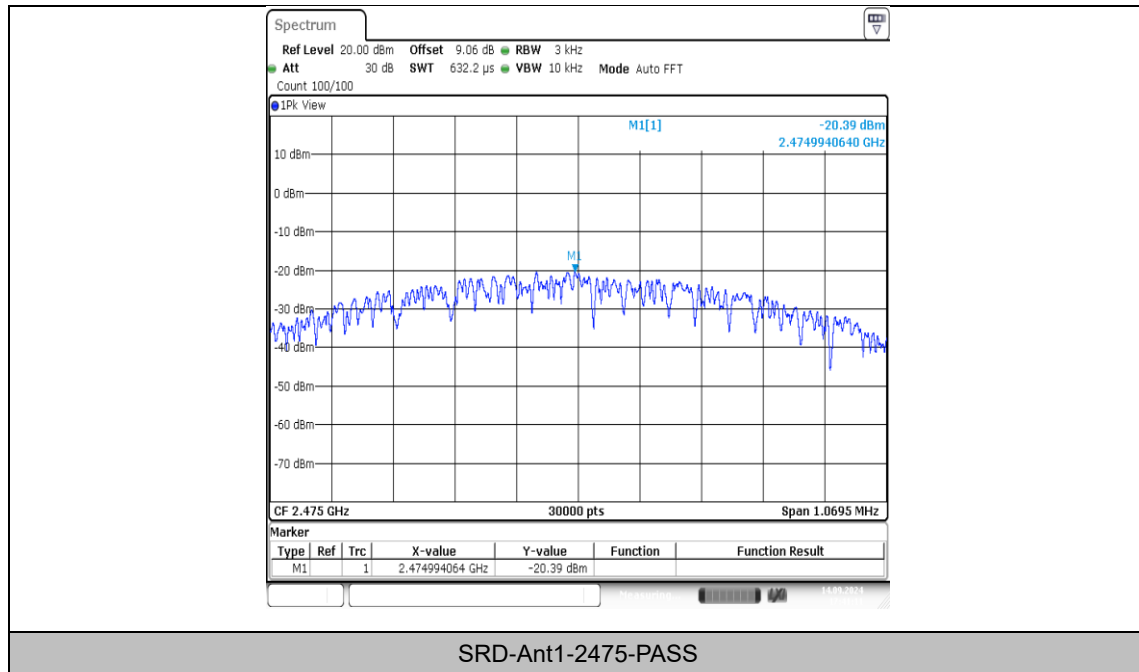
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2405	-20.98	≤8.00	PASS
SRD	Ant1	2440	-20.16	≤8.00	PASS
SRD	Ant1	2475	-20.39	≤8.00	PASS

Test Graphs



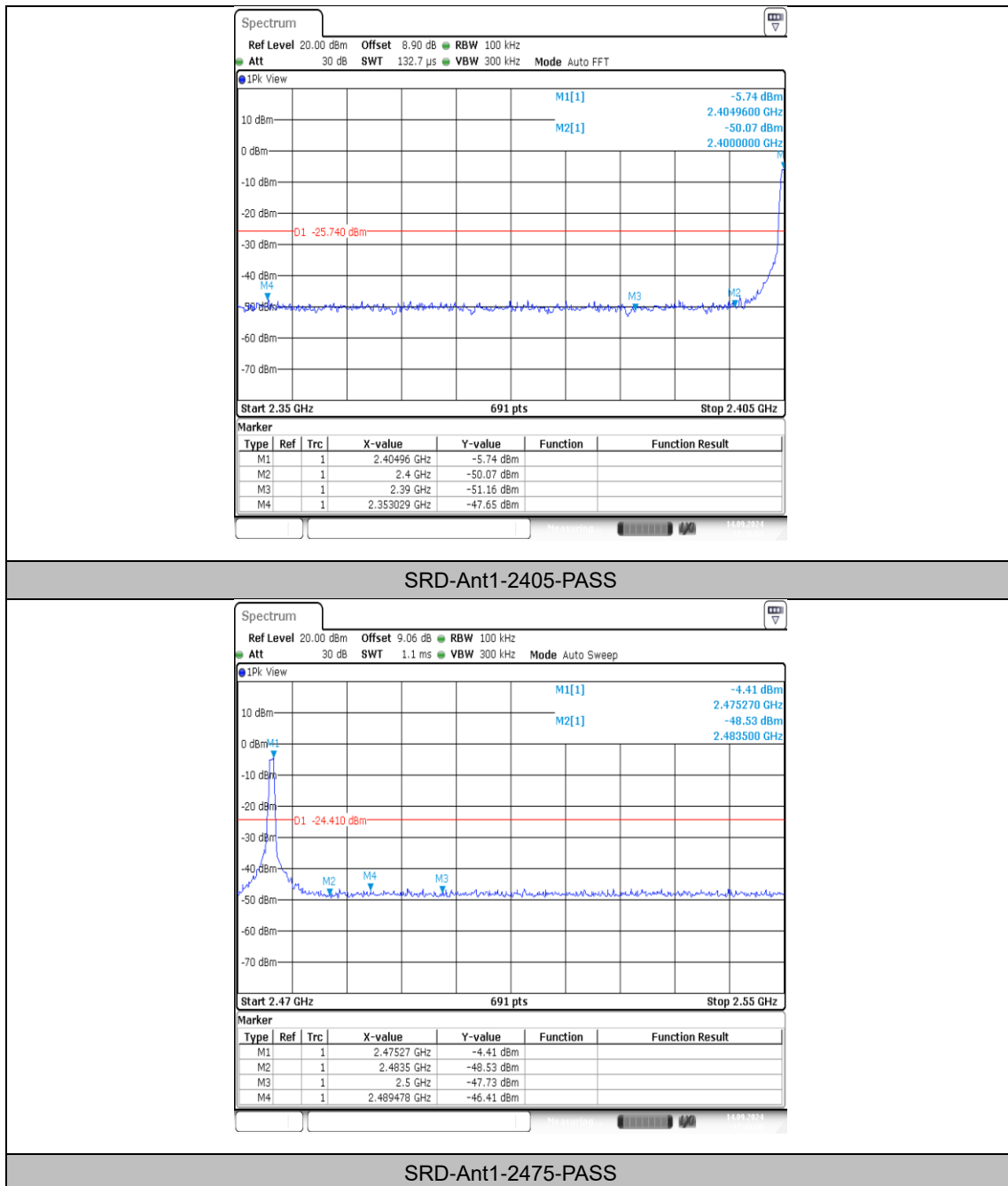


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2405	-5.74	-47.65	≤ -25.74	PASS
SRD	Ant1	High	2475	-4.41	-46.41	≤ -24.41	PASS

Test Graphs

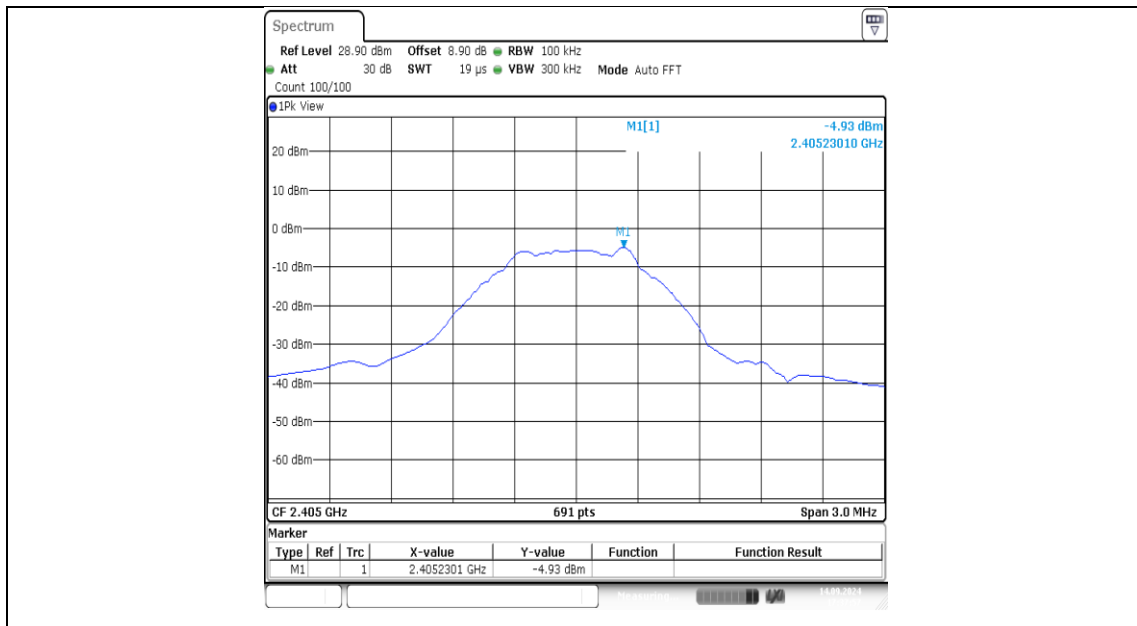


Appendix F: Conducted Spurious Emission

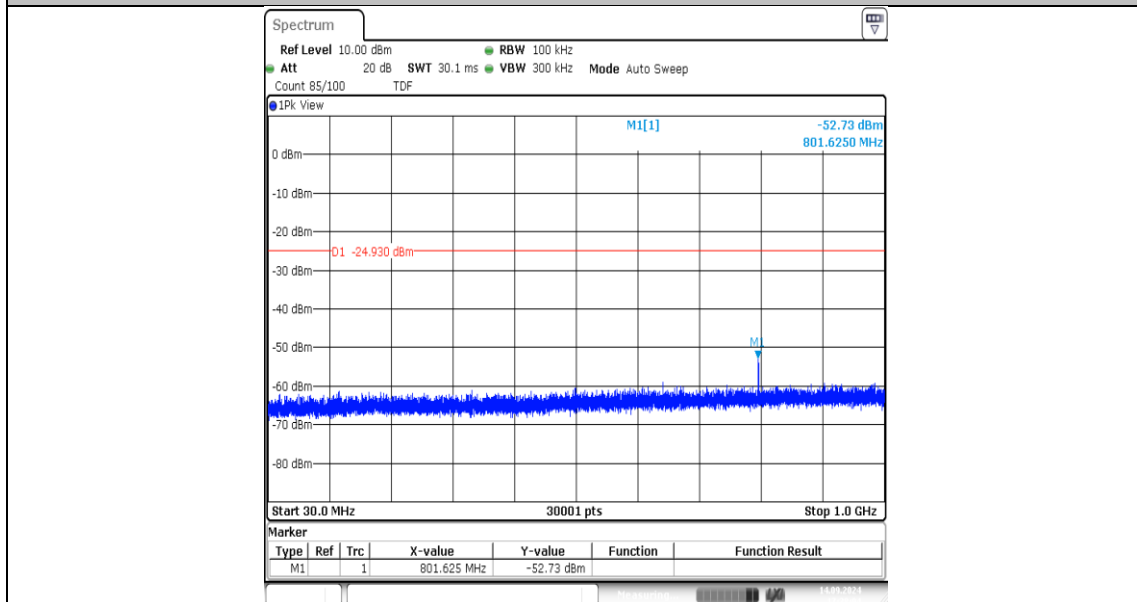
Test Result

Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2405	0~Reference	-4.93	-4.93	---	PASS
SRD	Ant1	2405	30~1000	-4.93	-52.73	≤-24.93	PASS
SRD	Ant1	2405	1000~26500	-4.93	-37.86	≤-24.93	PASS
SRD	Ant1	2440	0~Reference	-4.05	-4.05	---	PASS
SRD	Ant1	2440	30~1000	-4.05	-51.89	≤-24.05	PASS
SRD	Ant1	2440	1000~26500	-4.05	-38.46	≤-24.05	PASS
SRD	Ant1	2475	0~Reference	-4.42	-4.42	---	PASS
SRD	Ant1	2475	30~1000	-4.42	-52.07	≤-24.42	PASS
SRD	Ant1	2475	1000~26500	-4.42	-36.26	≤-24.42	PASS

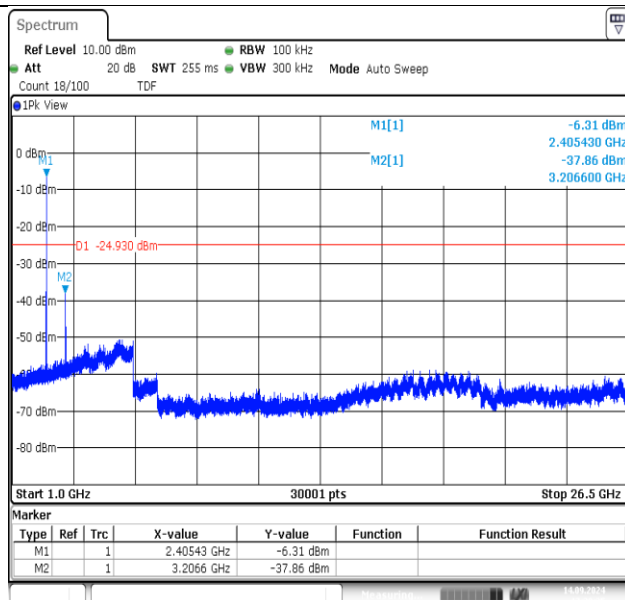
Test Graphs



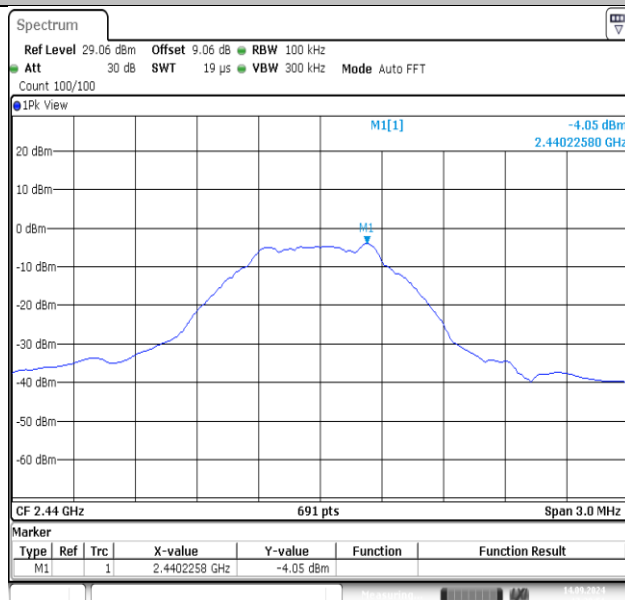
SRD-Ant1-2405-0~Reference-PASS



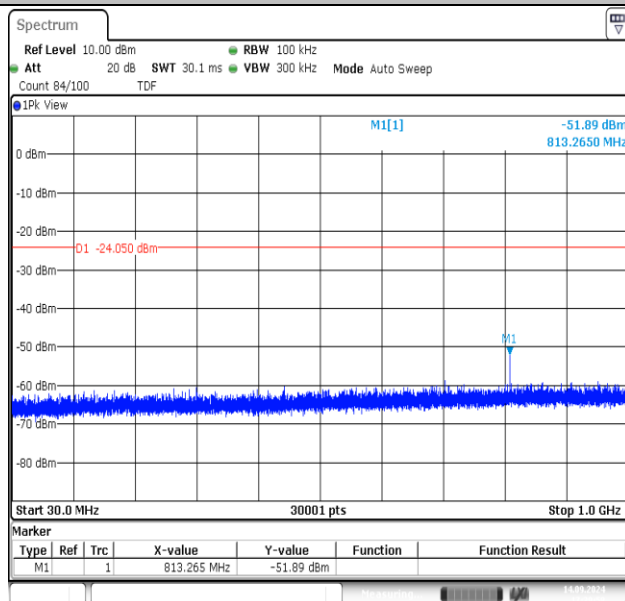
SRD-Ant1-2405-30~1000-PASS



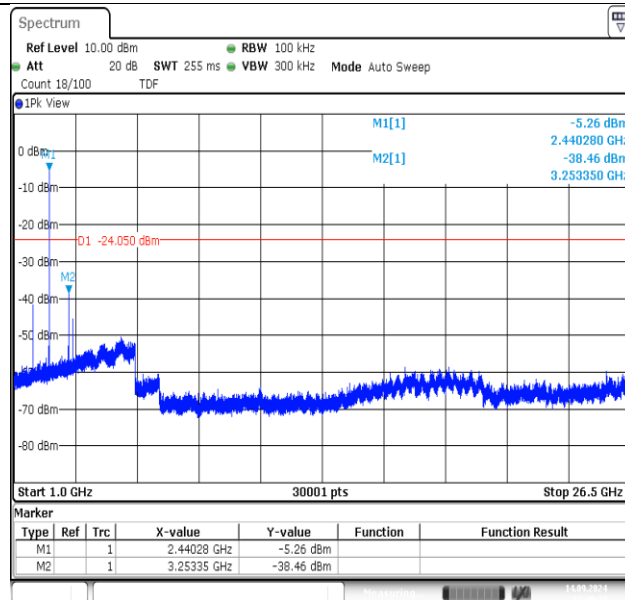
SRD-Ant1-2405-1000~26500-PASS



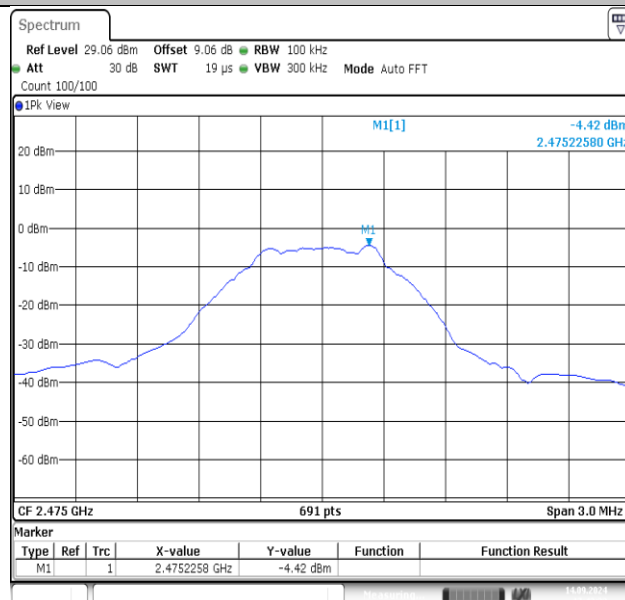
SRD-Ant1-2440-0~Reference-PASS



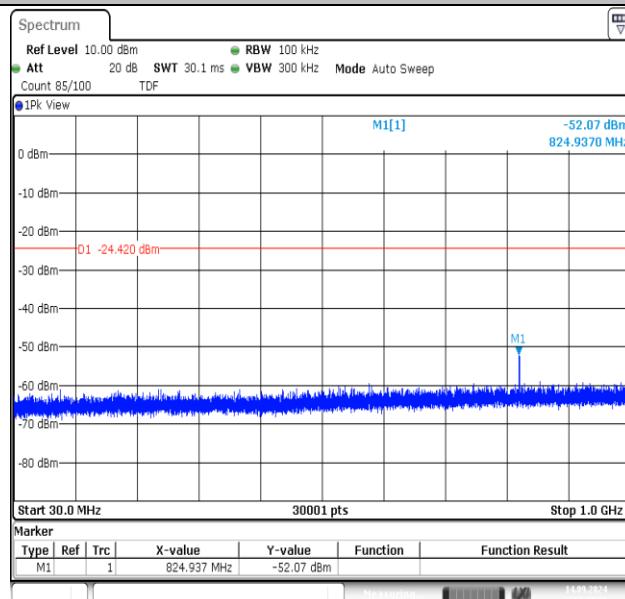
SRD-Ant1-2440-30~1000-PASS



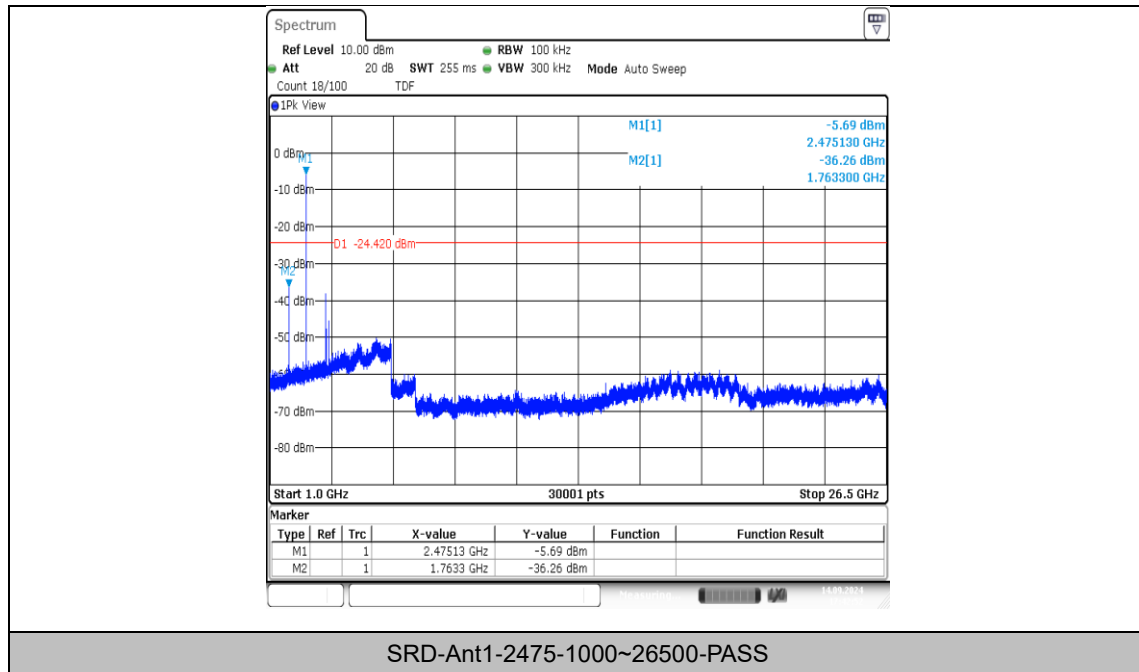
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2475-0~Reference-PASS



SRD-Ant1-2475-30~1000-PASS



Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
SRD	Ant1	2405	0.39	0.75	52.00	2.84
SRD	Ant1	2440	0.39	0.75	52.00	2.84
SRD	Ant1	2475	0.39	0.75	52.00	2.84

Test Graphs

