



Appendix Test Data for SRD (Conducted Measurement)

Product Name: RC TOYS

Trade Mark: /

Test Model: R-760S

FCC ID: 2AIOG-R-760S

Environmental Conditions

Temperature:	23.5°C
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	2410	0.652	2409.784	2410.436	0.5	PASS
SRD	Ant1	2437	0.620	2436.820	2437.440	0.5	PASS
SRD	Ant1	2473	0.656	2472.764	2473.420	0.5	PASS

Note: offset(dB) = cable loss(dB) + attenuator factor(dB)





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	2410	1.2000	2409.5190	2410.7190	---	---
SRD	Ant1	2437	1.1584	2436.5297	2437.6881	---	---
SRD	Ant1	2473	1.1330	2472.5363	2473.6693	---	---

Note: offset(dB) = cable loss(dB) + attenuator factor(dB)





Test Graphs







Appendix C: Maximum peak conducted output power

Test Result Peak

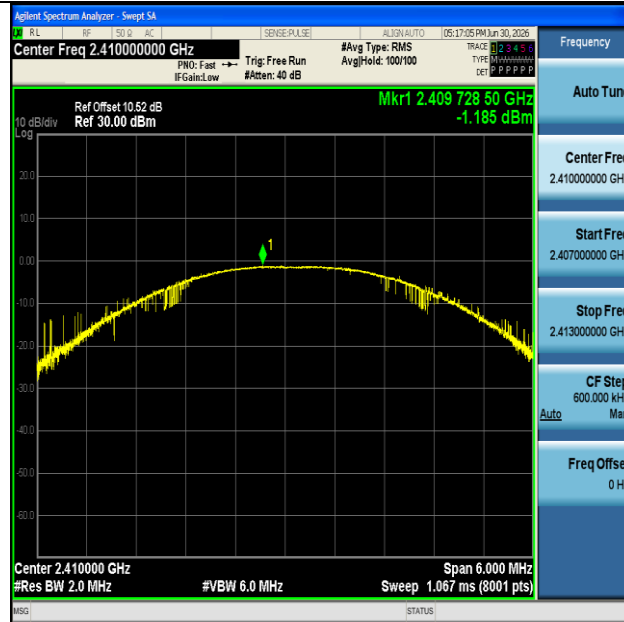
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2410	-1.19	≤30	PASS
SRD	Ant1	2437	0.28	≤30	PASS
SRD	Ant1	2473	0.50	≤30	PASS

Note: offset(dB) = cable loss(dB) + attenuator factor(dB)

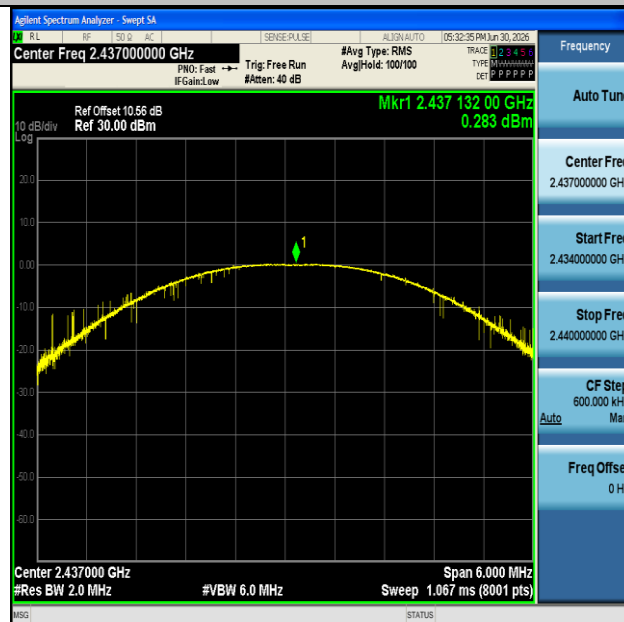




Test Graphs Peak

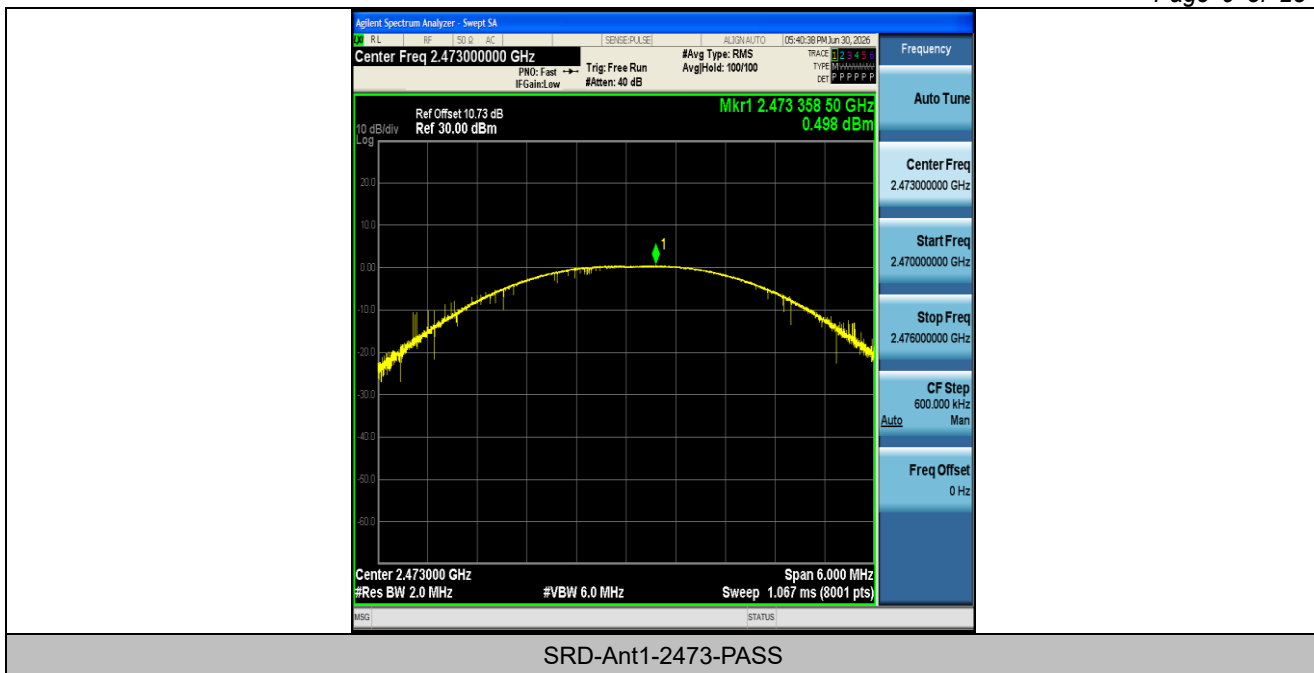


SRD-Ant1-2410-PASS



SRD-Ant1-2437-PASS







Appendix D: Maximum peak power spectral density

Test Result

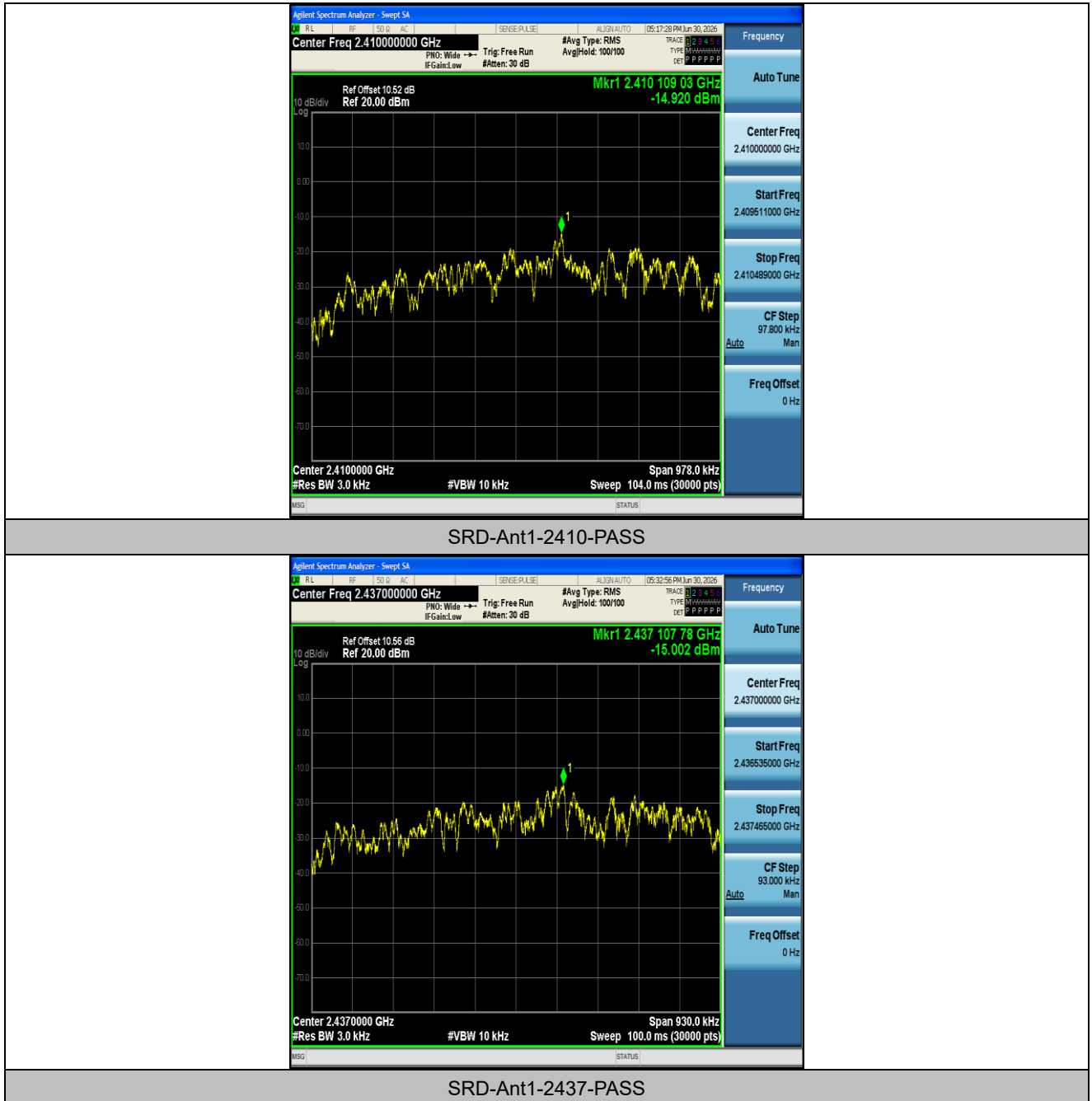
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2410	-14.92	≤8.00	PASS
SRD	Ant1	2437	-15.00	≤8.00	PASS
SRD	Ant1	2473	-13.71	≤8.00	PASS

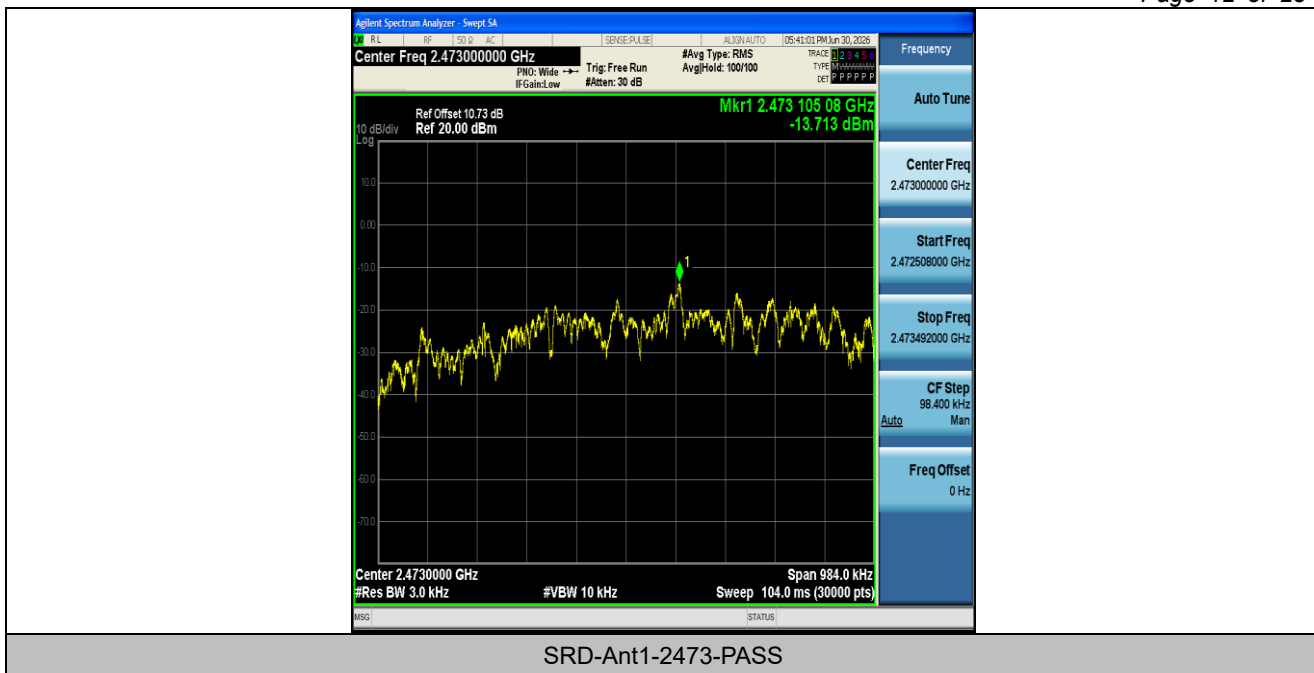
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)





Test Graphs







Appendix E: Band edge measurements

Test Result

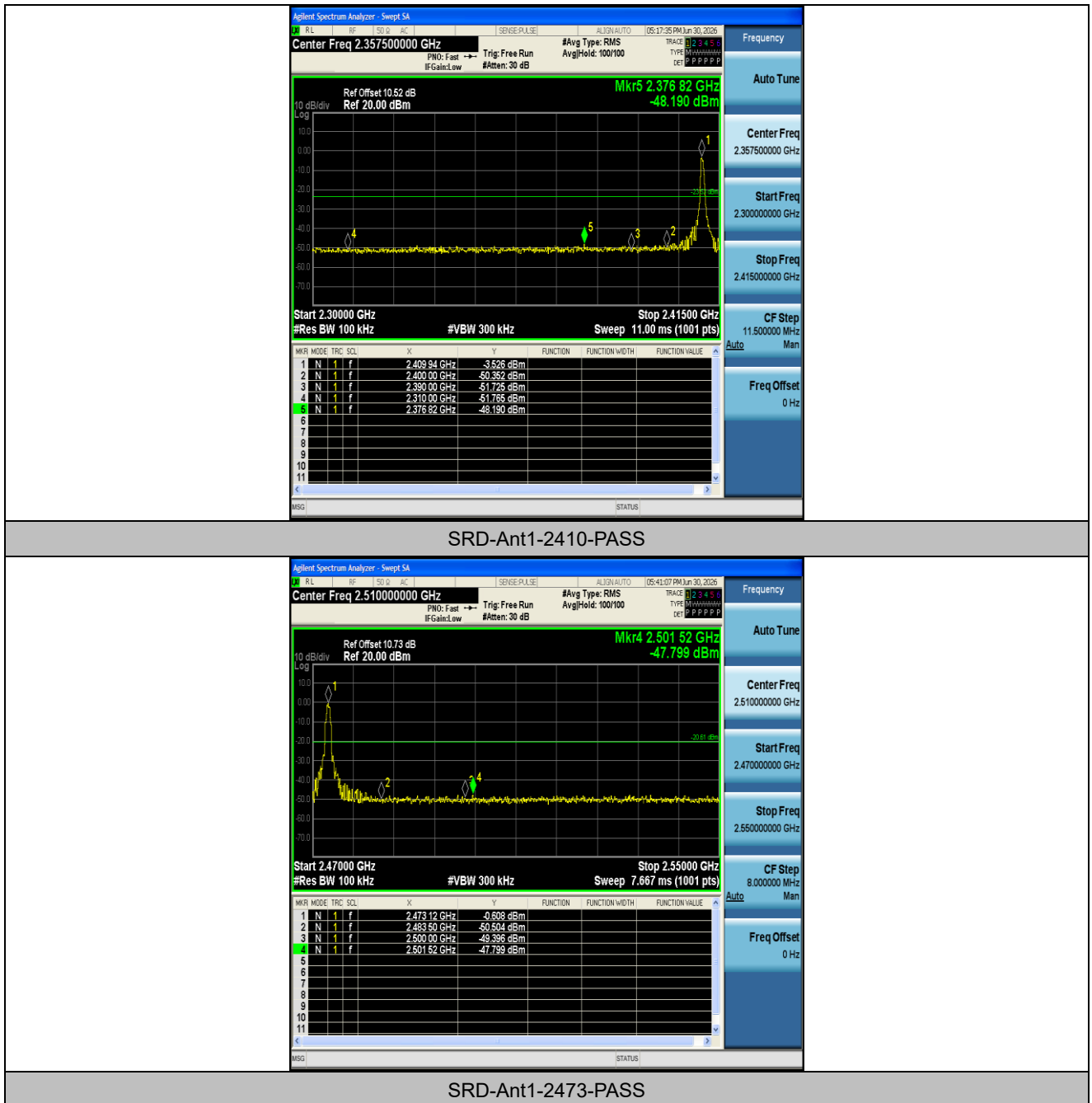
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2410	-3.53	-48.19	≤ -23.53	PASS
SRD	Ant1	High	2473	-0.61	-47.8	≤ -20.61	PASS

Note: offset(dB) = cable loss(dB) + attenuator factor(dB)





Test Graphs





Appendix F: Conducted Spurious Emission

Test Result

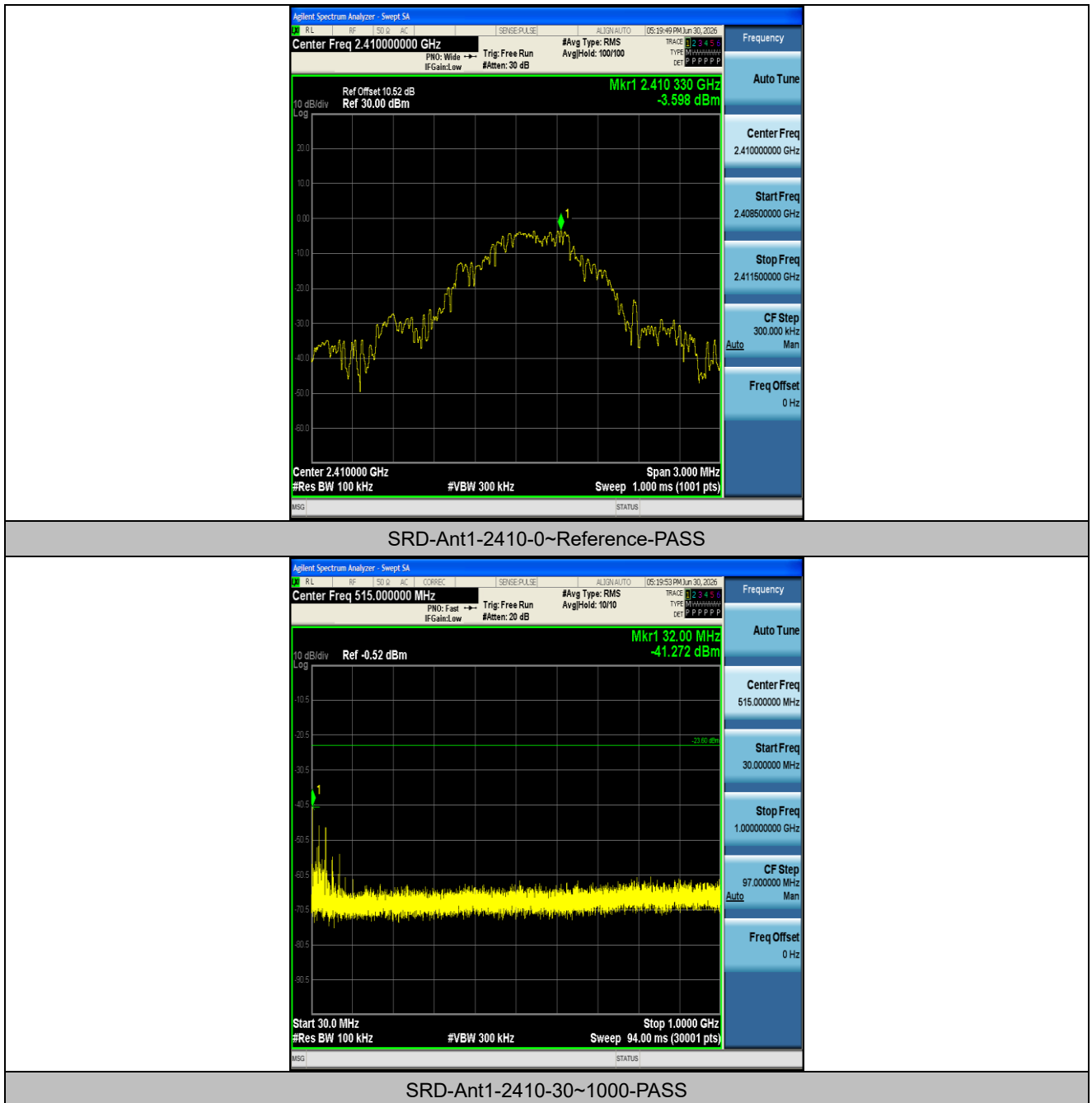
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	2410	0~Reference	-3.60	-3.60	---	PASS
SRD	Ant1	2410	30~1000	-3.60	-41.27	≤-23.6	PASS
SRD	Ant1	2410	1000~26500	-3.60	-35.53	≤-23.6	PASS
SRD	Ant1	2437	0~Reference	-0.93	-0.93	---	PASS
SRD	Ant1	2437	30~1000	-0.93	-41.68	≤-20.93	PASS
SRD	Ant1	2437	1000~26500	-0.93	-35.79	≤-20.93	PASS
SRD	Ant1	2473	0~Reference	-0.72	-0.72	---	PASS
SRD	Ant1	2473	30~1000	-0.72	-61.02	≤-20.72	PASS
SRD	Ant1	2473	1000~26500	-0.72	-35.01	≤-20.72	PASS

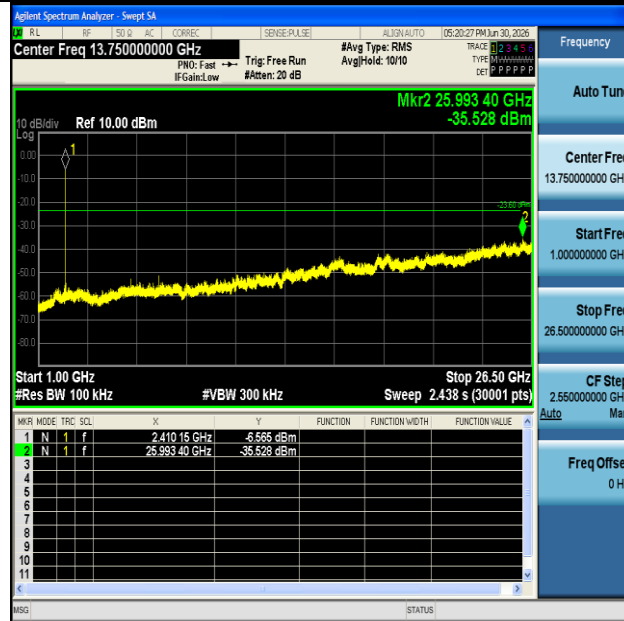
Note: offset(dB) in Reference test plots = cable loss(dB) + attenuator factor(dB); For spurious emissions plots from 30MHz to 26.5GHz, the cable loss and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.





Test Graphs



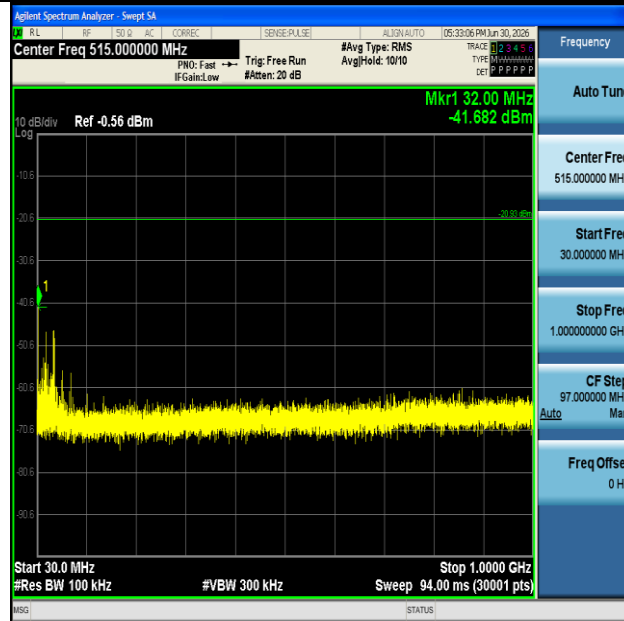


SRD-Ant1-2410-1000~26500-PASS

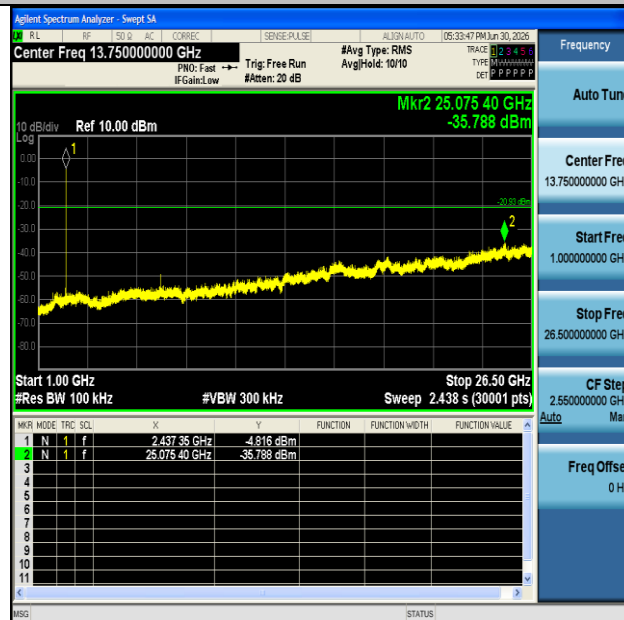


SRD-Ant1-2437-0~Reference-PASS





SRD-Ant1-2437-30~1000-PASS

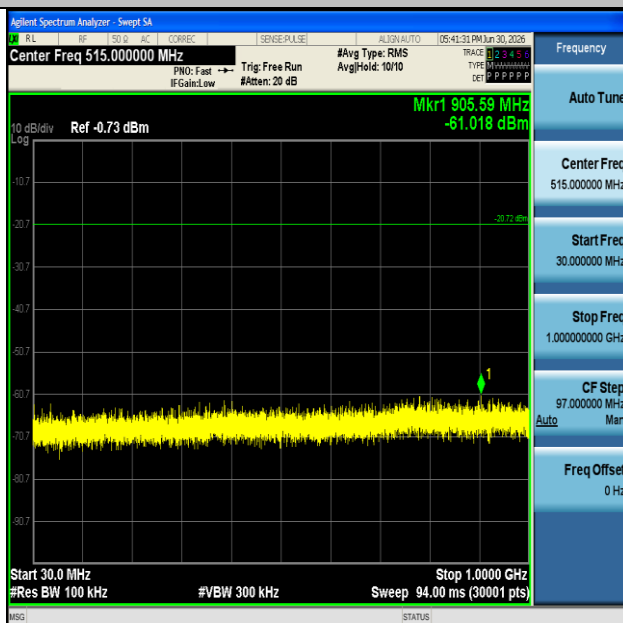


SRD-Ant1-2437-1000~26500-PASS



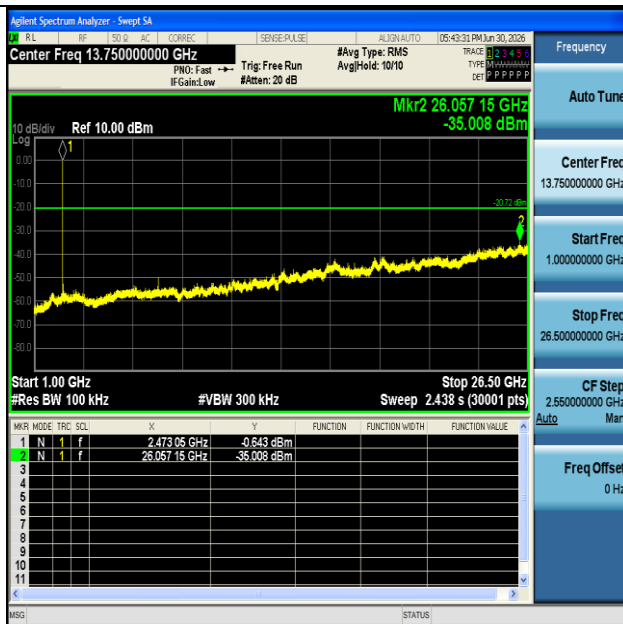


SRD-Ant1-2473-0~Reference-PASS



SRD-Ant1-2473-30~1000-PASS





SRD-Ant1-2473-1000~26500-PASS





Appendix G: Duty Cycle

Test Result

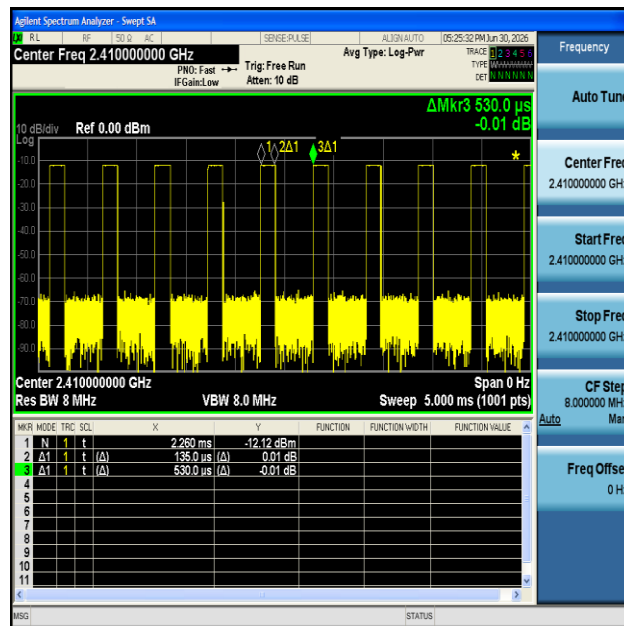
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
SRD	Ant1	2410	0.14	0.53	26.42	5.78
SRD	Ant1	2437	0.15	0.53	28.30	5.48
SRD	Ant1	2473	0.15	0.53	28.30	5.48

Note: offset(dB) = cable loss(dB) + attenuator factor(dB)

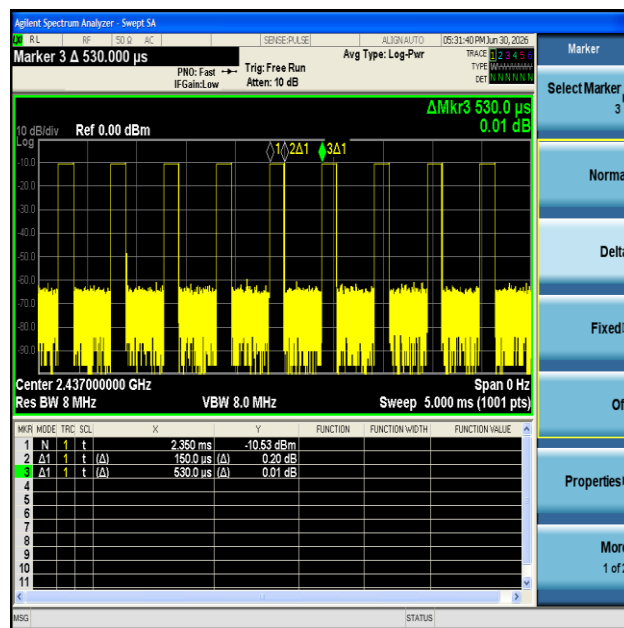




Test Graphs



NTNV-SRD-Ant1-2410



NTNV-SRD-Ant1-2437



