



Appendix Test Data for SRD (Conducted Measurement)

Product Name: RC Drone

Trade Mark: /

Test Model: V995

FCC ID: 2BBLM-V995

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	2450	0.800	2449.536	2450.336	0.5	PASS
SRD	Ant1	2458	0.800	2457.512	2458.312	0.5	PASS
SRD	Ant1	2462	0.872	2461.416	2462.288	0.5	PASS

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





Test Graphs





SRD-Ant1-2462-PASS





Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
SRD	Ant1	2450	4.4997	2447.6482	2452.1479	---	---
SRD	Ant1	2458	3.9930	2455.9557	2459.9487	---	---
SRD	Ant1	2462	3.9848	2459.9364	2463.9212	---	---

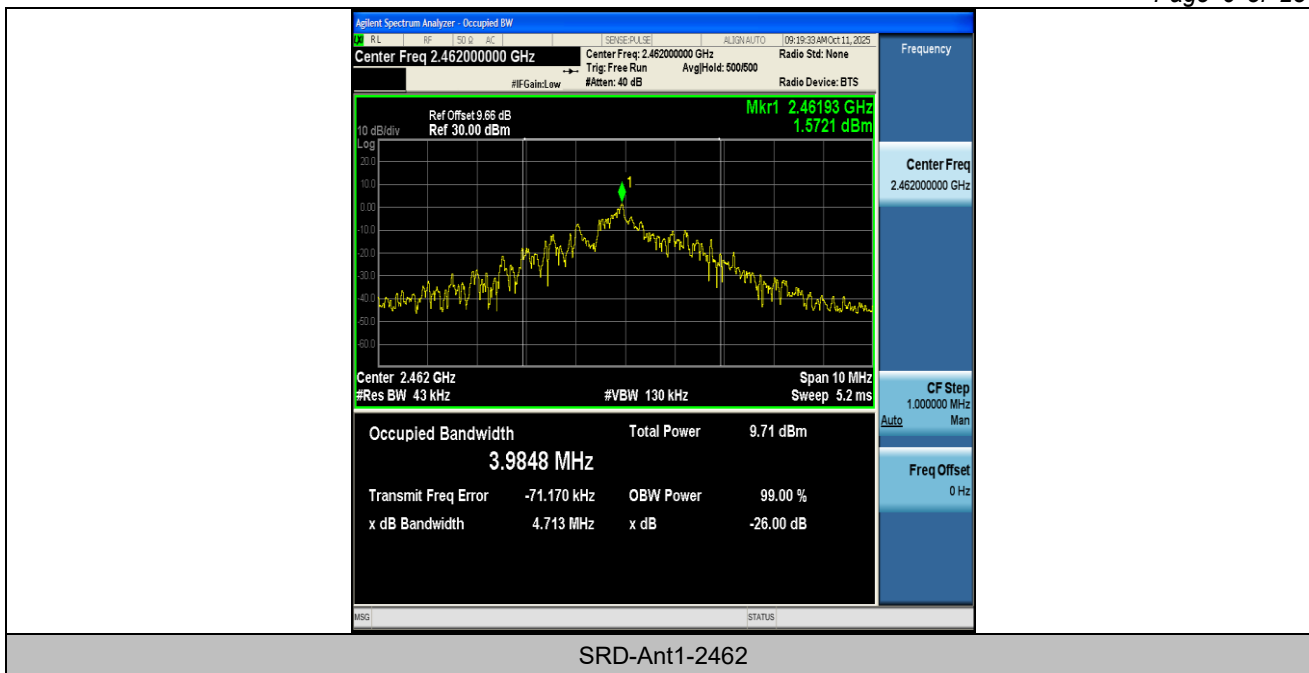
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)





Test Graphs







Appendix C: Maximum peak conducted output power

Test Result Peak

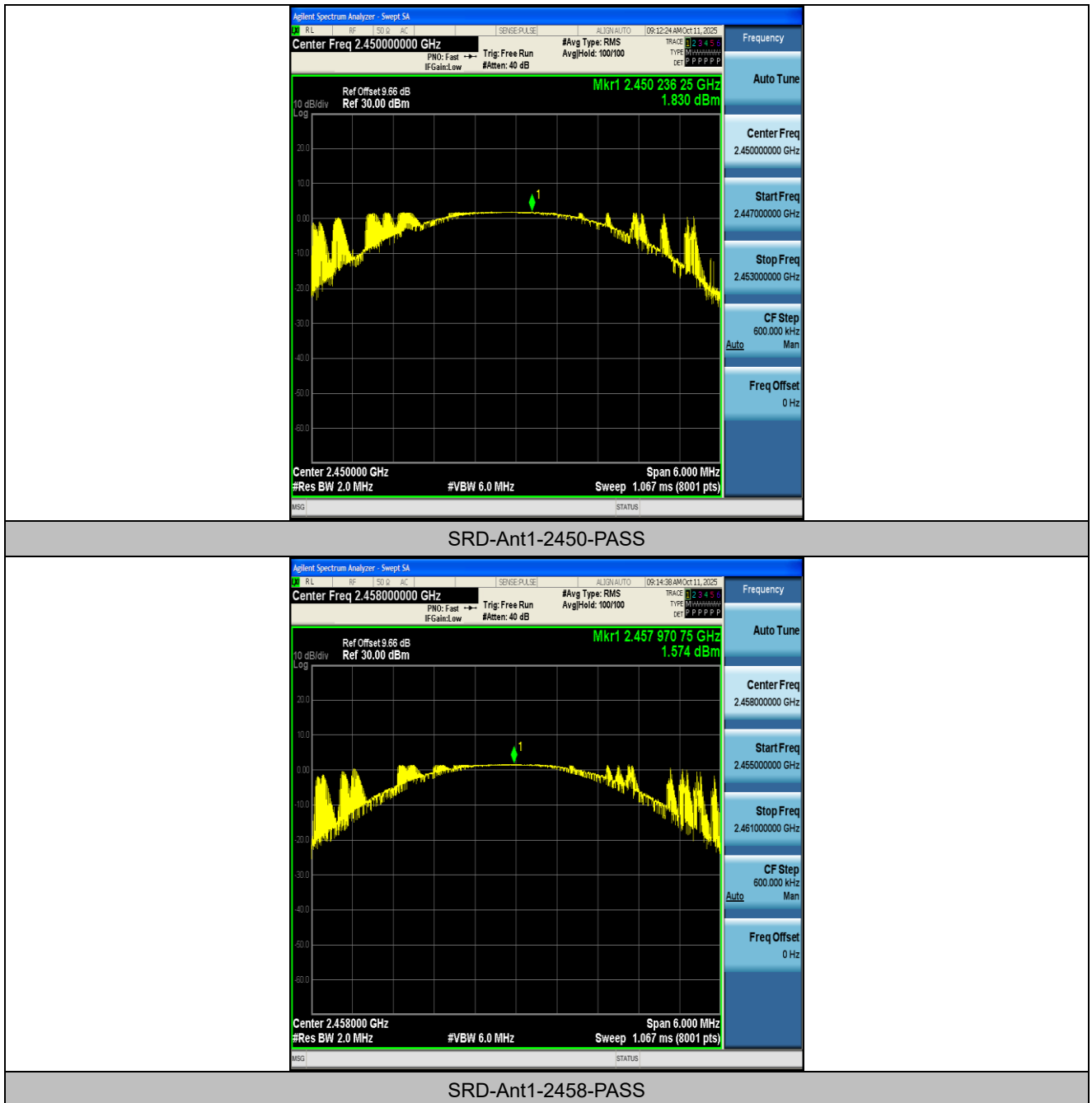
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
SRD	Ant1	2450	1.83	≤30	PASS
SRD	Ant1	2458	1.57	≤30	PASS
SRD	Ant1	2462	1.60	≤30	PASS

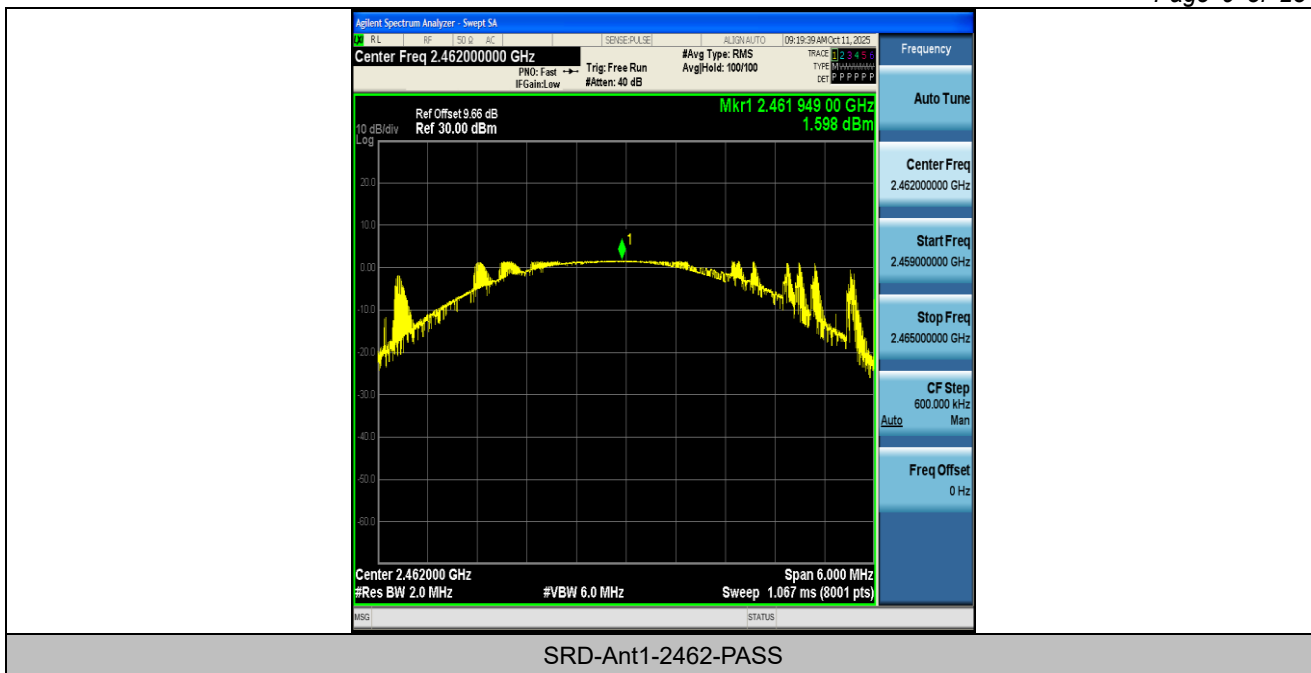
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)





Test Graphs Peak







Appendix D: Maximum peak power spectral density

Test Result

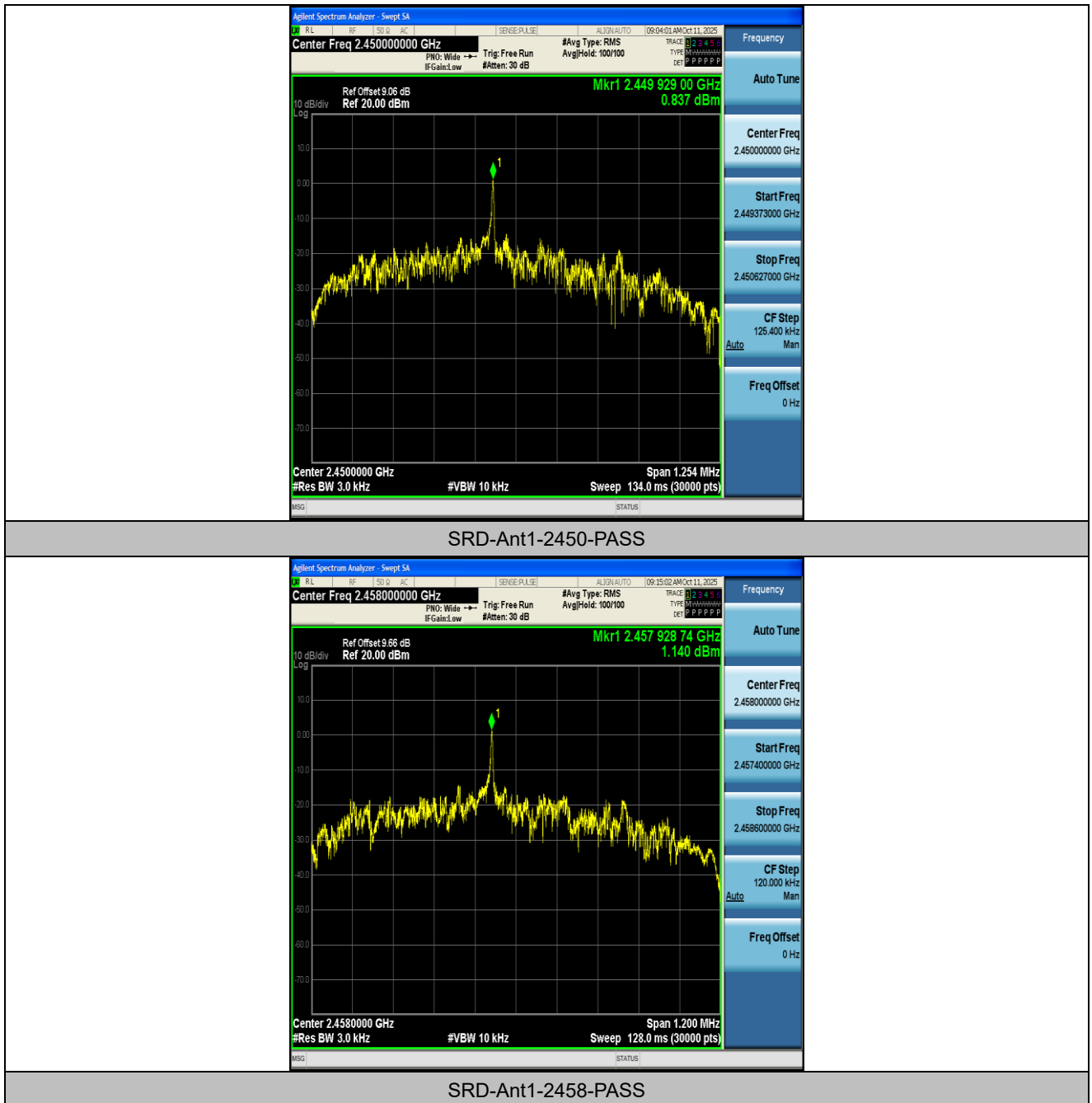
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
SRD	Ant1	2450	0.84	≤8.00	PASS
SRD	Ant1	2458	1.14	≤8.00	PASS
SRD	Ant1	2462	1.20	≤8.00	PASS

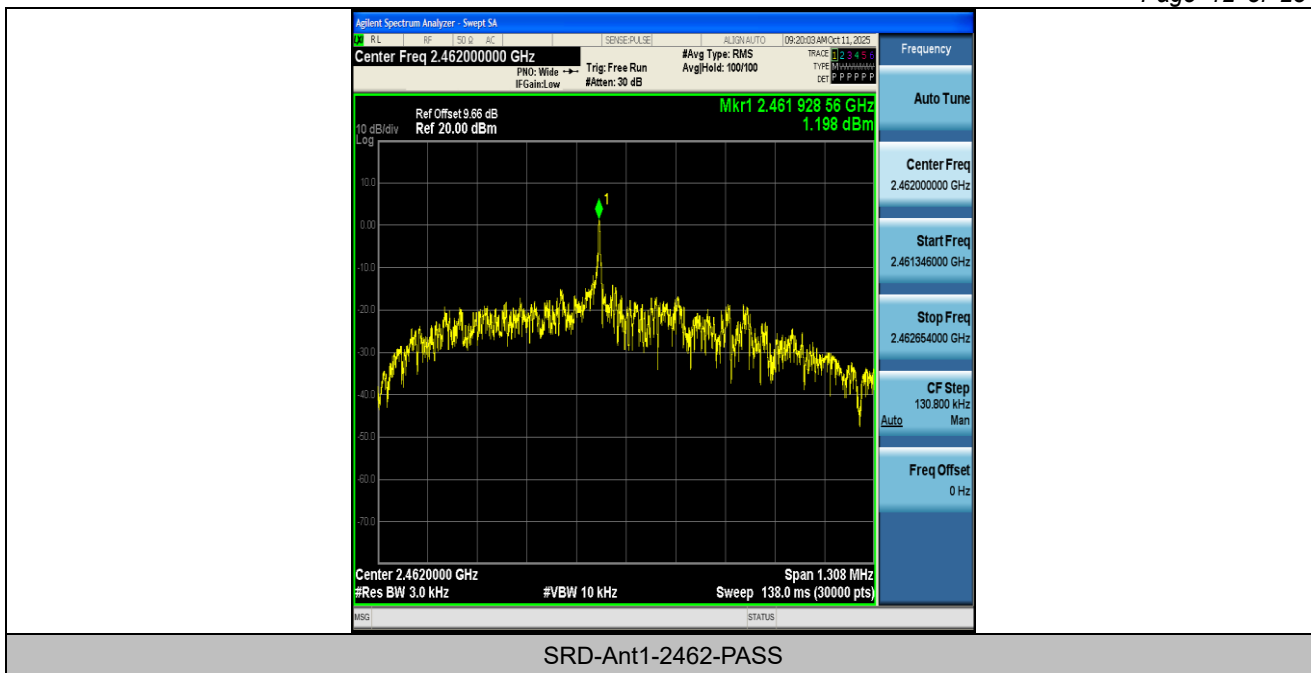
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)





Test Graphs







Appendix E: Band edge measurements

Test Result

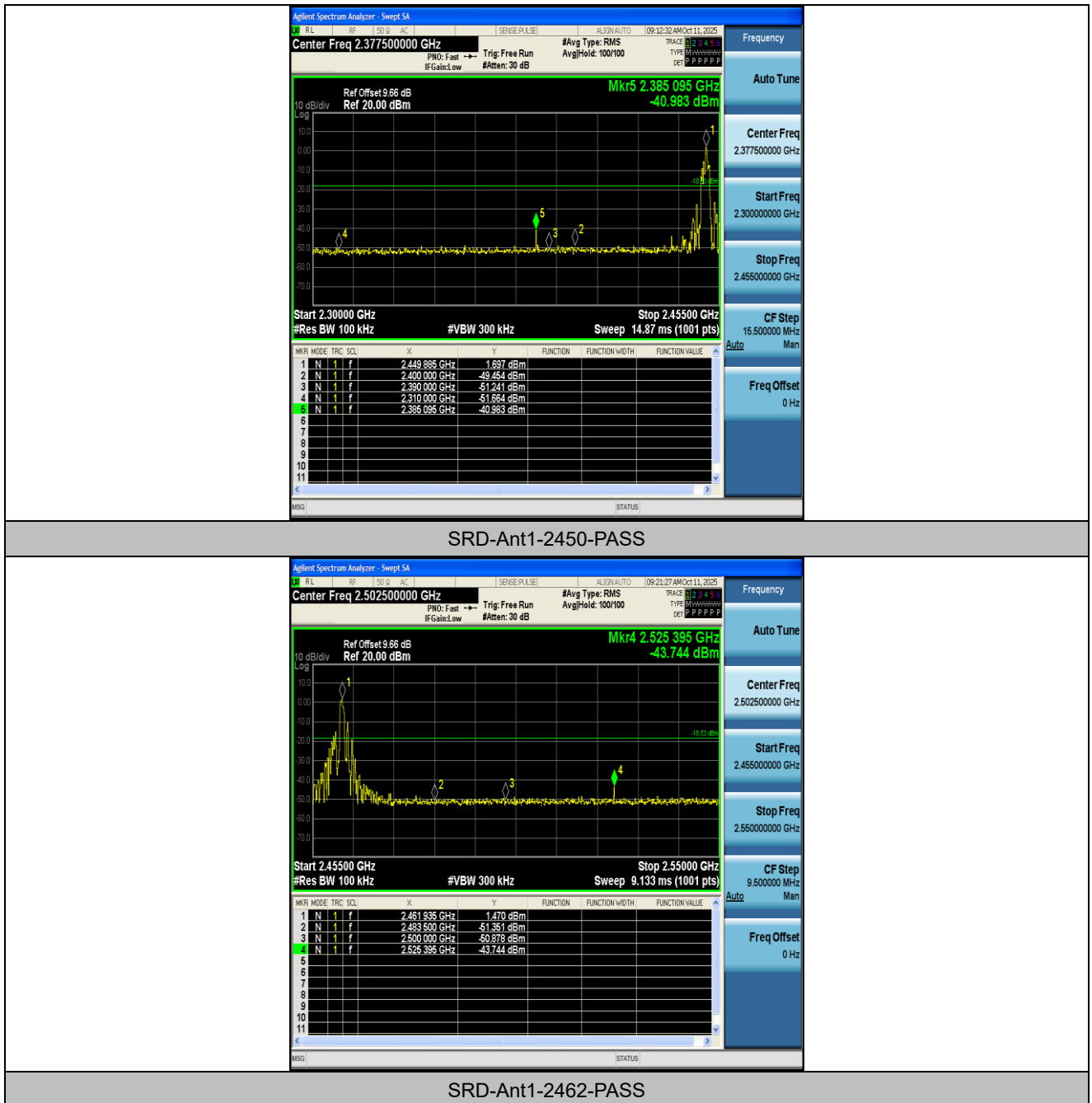
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	2450	1.70	-40.98	≤ -18.3	PASS
SRD	Ant1	High	2462	1.47	-43.74	≤ -18.53	PASS

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	2450	0~Reference	1.78	1.78	---	PASS
SRD	Ant1	2450	30~1000	1.78	-62.46	≤-18.22	PASS
SRD	Ant1	2450	1000~26500	1.78	-43.45	≤-18.22	PASS
SRD	Ant1	2458	0~Reference	1.36	1.36	---	PASS
SRD	Ant1	2458	30~1000	1.36	-61.51	≤-18.64	PASS
SRD	Ant1	2458	1000~26500	1.36	-44.41	≤-18.64	PASS
SRD	Ant1	2462	0~Reference	1.43	1.43	---	PASS
SRD	Ant1	2462	30~1000	1.43	-62.18	≤-18.57	PASS
SRD	Ant1	2462	1000~26500	1.43	-43.19	≤-18.57	PASS

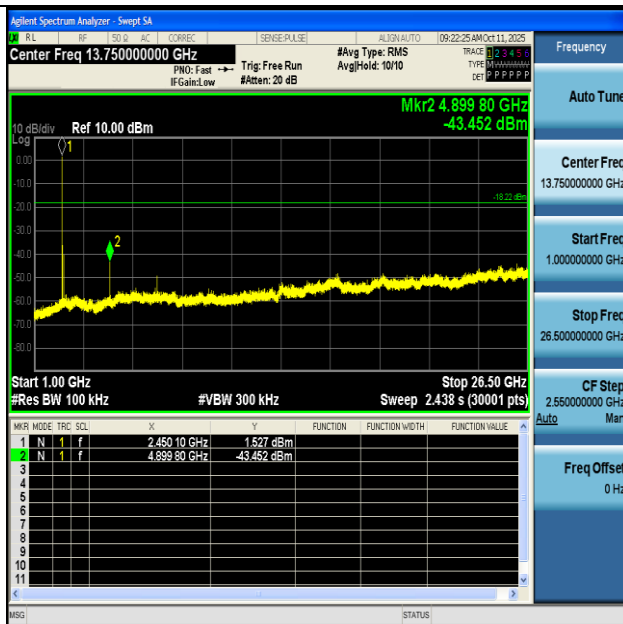
Note: offset(dB) in Reference test plots = cable loss(dB) + attenuator factor(dB); For spurious emissions plots from 30MHz to 26.5GHz, the cable loss and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.





Test Graphs





SRD-Ant1-2450-1000~26500-PASS

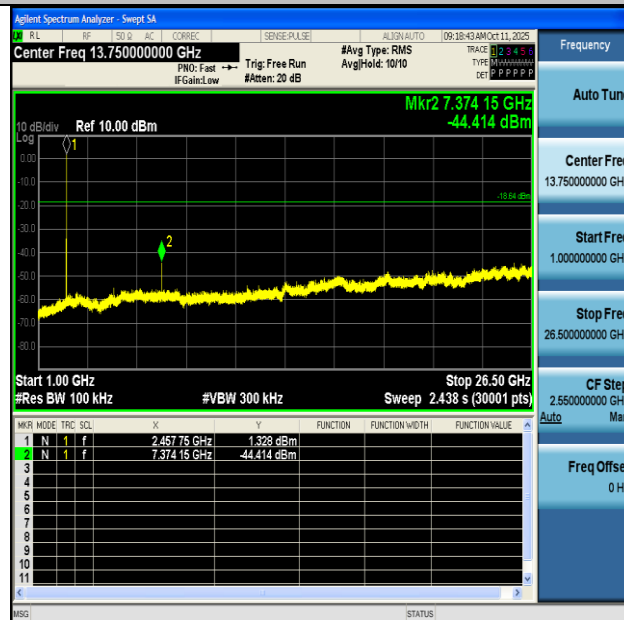


SRD-Ant1-2458-0~Reference-PASS





SRD-Ant1-2458-30~1000-PASS

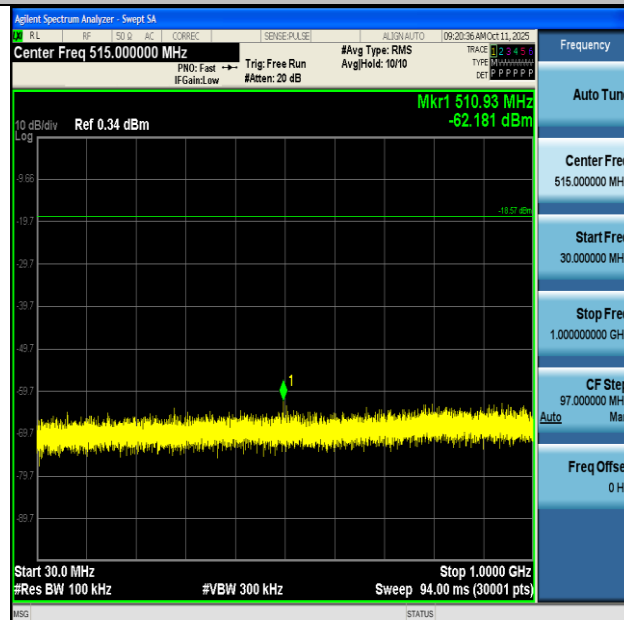


SRD-Ant1-2458-1000~26500-PASS



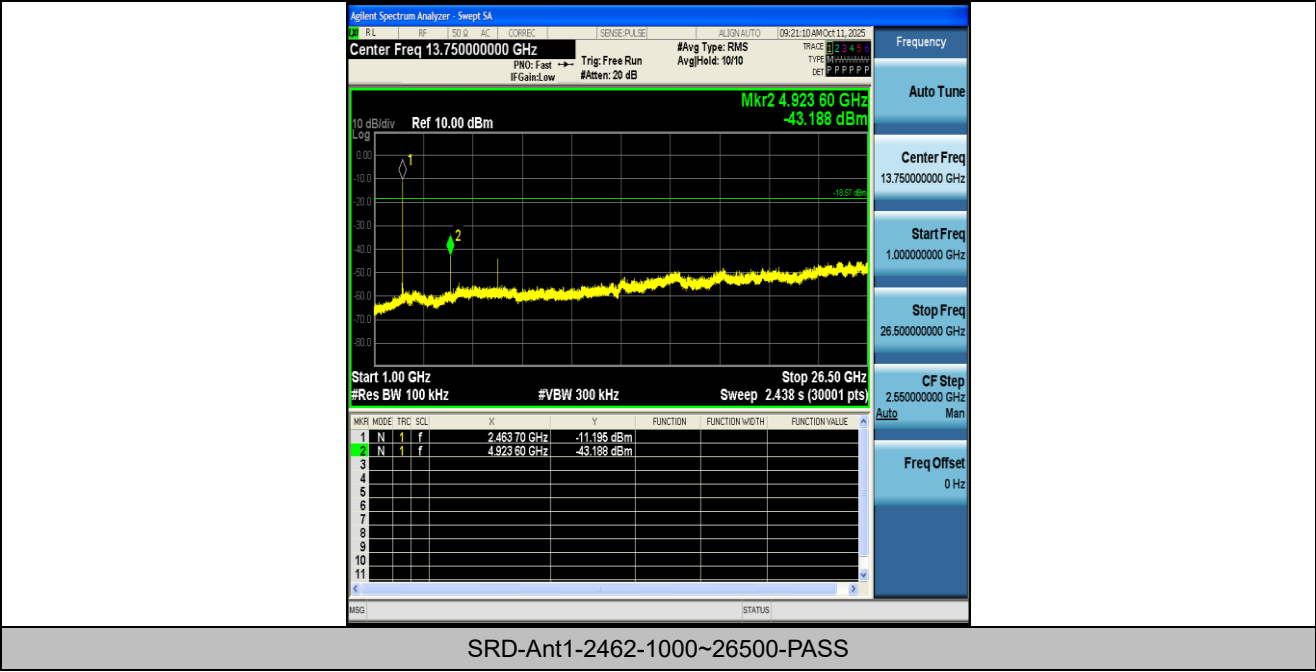


SRD-Ant1-2462-0~Reference-PASS



SRD-Ant1-2462-30~1000-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	2450	0.66	4.09	16.14	7.92
SRD	Ant1	2458	0.66	4.10	16.10	7.93
SRD	Ant1	2462	0.67	4.09	16.38	7.86

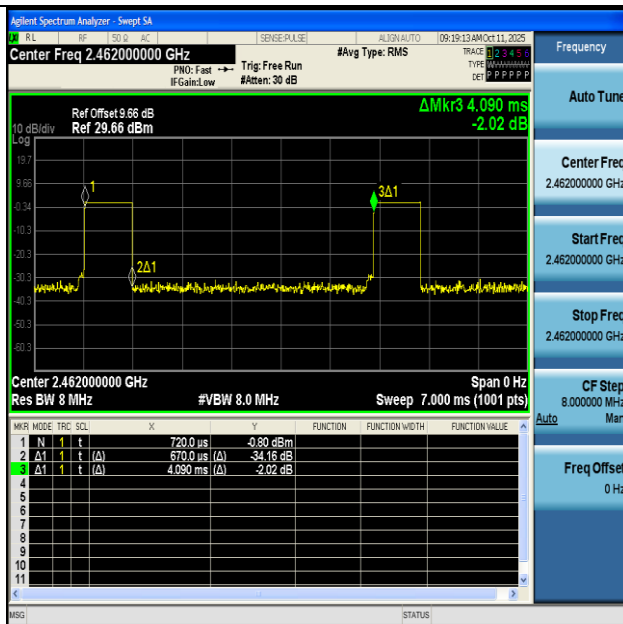
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)





Test Graphs





NTNV-SRD-Ant1-2462

