

Test Engineer Job posting:

Test Engineer	
Summary	Develops test specifications, fixtures, and test automation to support design verification testing and manufacturing testing of Hemisphere’s GNSS boards and products.
Responsibilities	<ul style="list-style-type: none"> • Provide designers with design for manufacturability and design for testability guidance. • Write verification test plans based on product requirements and designer input. • Write manufacturing test plans and work instructions based on product requirements, design knowledge, designer recommendations, and predicted manufacturing failure modes. • Develop test fixtures to support design verification and manufacturing test. • Develop test automation software to support design verification and manufacturing test. • Deployment of testing for new products at contract manufactures. Train operators and confirm acceptable yield, repeatability, and test cycle time. • Support contract manufacturers to resolve test failures on existing products • New product verification testing
Success Factors	<ul style="list-style-type: none"> • Sound problem solving techniques • Works independently or collaboratively with associates • Proficient at developing software for test automation • High quality standards
Qualifications	<ul style="list-style-type: none"> • B.Sc. in Electrical Engineering or related field or Electrical Engineering Technologist. with significant relevant experience • Skilled using test equipment such as multi-meters, oscilloscopes, spectrum analyzers, signal generators • Experience testing/debugging circuit boards and products in a product development or manufacturing environment • Experience creating test fixtures • Experience writing test automation software in LabVIEW and TestStand • Good English oral and written skills • Ability to travel within USA, Canada, and China
Desirable	<ul style="list-style-type: none"> • Experience in GNSS industry • RF skills • Soldering skills • Altium PCB design experience • Experience writing software in Python