



Receiver Test & Validation Engineer

Permanent position based in Toulouse

Recognized throughout the world, Syntony GNSS is a Toulouse-based brand, labeled FrenchTech, focused on technological innovation in the field of GNSS.

Our goal? Pushing the limits!

Specialising in radio navigation and embedded systems, we are the world leaders in our field and present in many high-growth markets.

We have developed a range of products (simulators, receivers and indoor/outdoor location systems) that meet the growing needs of the aeronautics and space industries, but also those of public transport, rail and mining or the rise of IoT (Internet Of Things).

Our esteemed customer base, made up of industry giants (such as Airbus, OneWeb, Airbus Safran Launchers, Thales Alenia Space, Honeywell, Rockwell, Stockholm, New York, Toronto and many others...), testifies to our relentless pursuit of excellence and innovation. Our solutions are constantly evolving in order to anticipate their future needs but also to strengthen our leadership and meet new challenges.

Thus, Syntony GNSS vibrates around three fundamental values:

- **Innovation as a guide**, to design the products and tools of tomorrow, in line with the real and evolving needs of our customers
- **The dynamism of our teams**, to adapt our strengths and talent to the quality of our solutions
- **Open-mindedness and inclusion**, to remain attentive to our customers, partners and collaborators, with the aim of promoting Humanism, equality and the richness of multiculturalism.

From students to qualified professionals, help shape the future of boating with us. Work with experts, in a caring environment where your ideas can fly and your contributions fuel the synergy of the company.

In an international dimension, you participate in the challenges of today and tomorrow.

The Context

Simulation products and GNSS receivers are experiencing an acceleration in their development. Syntony GNSS recently formed a partnership with a leading manufacturer of RF test solutions, [Keysight Technologies](#). The European Space Agency (ESA) has selected Syntony to provide user demonstration receivers for the [LEO-PNT project](#). As a member of the consortium led by Thales Alenia Space, Syntony will play a key role in advancing global navigation technologies.

What you'll accomplish with Syntony GNSS

You will join the software development department for the Receivers product range to develop innovative applications for the rail, space or aeronautical sectors requiring high performance for demanding environments.

You are in charge of the validation phase within the department to evaluate the performance of the receiving products as well as their compliance with the specifications.

The missions that will be entrusted to you

- You will manage the validation process (test strategy, test plan, reports, traceability matrix with requirements, root cause analysis, etc.) and follow-up of anomalies before the final phase of deliveries and production,
- You will participate in bench tests and coordinate the work of other engineers as needed,
- You execute the validation plans,
- You will contribute to the technological watch in a continuous improvement process.

The technical skills we are looking for

- Experience in software engineering (software quality repository, code coverage and traceability tool, continuous integration)
- Experience in C or C++ and Python for writing tests; the use of standard framework is a plus
- Experience in implementing continuous integration solutions in the embedded field
- Knowledge of development environments such as Git, Gitlab
- Knowledge of bug tracking and traceability tools such as JIRA, MantisBT
- Knowledge of GNSS (RF, Signal Processing, etc.)

About you

With a Bac+5 degree in computer science or electronics, you have at least 3 years' experience in software development and the production of test plans and have participated in design and integration or validation tasks in the field of embedded systems.

Do you recognize yourself in this description? Apply and join a company that promotes innovation in the development of its unique products to design the products of tomorrow, dynamism and open-mindedness in listening to and respecting its customers and employees.