



INVESTING FOR THE FUTURE OF RFS
It's all about network!

About us

Radio Frequency Systems (RFS) is a global designer and manufacturer of cable, antenna and tower systems, as well as active and passive RF conditioning modules, providing total-package solutions for outdoor and indoor wireless infrastructure. RFS serves OEMs, distributors, system integrators, operators and installers. Its customers currently include the four largest wireless carriers, the majority of tier 2 and 3 wireless carriers in North America and many of the top wireless and microwave OEMS worldwide.

For more than 100 years, RFS has provided its customers world-class service that today is backed by a global presence of eight manufacturing facilities worldwide and sales and technical support centers in more than 15 countries. RFS offers advanced engineering capabilities, superior field support, and expert technical assistance and training to provide scalable, flexible, future-proof and lightweight end-to-end solutions optimized across the entire RF chain. As an ISO-compliant organization, RFS solutions offer proven longevity, premium performance and unrivalled quality.

MECHANICAL ENGINEER

Location: Lannion / Platform

Reports to: BSA Platform

EXPECTATIONS FOR ALL EMPLOYEES

All employees will support the organization's mission and vision by exhibiting behaviors in accordance with the five values of the company

- Customer focused
- Agile
- Reliable
- Excellence
- Care



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POSITION SUMMARY

The mechanical engineer is responsible to:

- Carry on design tasks, including structure /thermal simulation, generate 3D models and drawings, and perform tolerance stack analysis, prototype evaluation and product qualification test. Follow company standards in design documentation.
- Collaborate with mechanical design group in other RFS units.
- Perform mechanical design tasks including simulation, prototype evaluation and product qualification tests in the context of medium to large quantity production products.
- Follow the PLC process, ISO processes and Passion for quality in product development.

The mechanical engineer will integrate an international cross functional project team working closely with RF & mechanical departments from other R&D sites and industrialization.

SKILLS, KNOWLEDGE AND ABILITIES

- Bachelor or Master Degree in mechanical engineering or related field (Min 3 years experience)
- Communicate fluently in English in his/her technical field
- Experience in mechanical design, preferably for antennas, RF amplifier, filters or other RF components
- Experience in machining, sheet metal and casting design in industry. Familiar with mechanical design tools, such as 3D modeling SW and structure simulation SW (SolidWorks, ANSYS...)
- Understand mechanical design theory and practical rules. Able to apply the rules in design
- Good knowledge in material properties, plating process and industry manufacturing process
- Understand BOM structure and able to document designs. Good knowledge of ERP (SAP)
- Basic knowledge of project management