JOB DESCRIPTION

Job Title	RF Engineer	**Department**	Engineering
Responsible to	Engineering Manager	**Responsible for**	N/A

Main purpose of job
To enable Flann to continue to grow and continue to be financially healthy.

Main duties
To enable and support the sustainable growth of the business and it's product and service offerings.

- Contribute towards development of new products and improve existing products;
- Support the Company's sales team in their business development and commercial quoting activities;
- Contribute towards microwave and millimetre-wave design using 3D electromagnetic simulation and other tools;
- Contribute towards design of custom components and systems for use in a range of industries including aerospace, spaceflight and communications (5G and beyond);
- Understanding project requirements and completing all duties assigned by the team
- Raising concerns and making suggestions for improvement where appropriate
- Conducting research
- Participating in meeting, attending workshops and other training initiatives
- Analyzing data and writing reports according to specifications
- Research and develop new technologies in anticipation our customers' future requirements;
- Contribute to the development of new manufacturing and assembly techniques for millimetre and sub-millimetre waveguide elements;
- Engage with our strategic objectives and technology roadmap;
- Maintain good records on design and design approach;
- Provide technical support to test and measurement staff in the Microwave Laboratory;
- Work with managers and supervisors to implement the Company's policies and business objectives;
- Carry out any other duties reasonable within capability as required.

Person Specification

- Technical degree (Electronic engineering with an RF/Microwave bias, physics, or similar), or comparable, demonstratable work experience;
- Previous experience in a technical field would be a advantage
- Strong analytical and mathematical skills
- Excellent written and verbal communication skills
- Familiarity with 3D electromagnetic simulation and modelling tools, such as Ansys HFSS, COMSOL or CST;
- Understanding of antenna theory and design (could be an advantage);
- An aptitude for solving problems and multi-tasking, often working to short timescales;
- An appreciation of machining and mechanical assembly techniques;
- Ability to use initiative, be proactive and work effectively as part of a cross-disciplinary team;
- Excellent general IT skills, particularly using Microsoft Word, Excel and Access;
- Able to work under pressure and to deadlines;
- Eligible to work in UK.

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