

## **RF System Design Engineer**

**Location: Plano, Texas**

### **General Purpose:**

The RF System Design Engineer will work closely with our engineering and product line teams. They will be involved with complex system designs and architecture. General responsibilities will include initial assessment of product line and system design requirements, development of detailed systems design plans and execution of the design. The designs will involve RF components and subsystems from HF to Q-band frequency ranges.

### **Main Job Tasks and Responsibilities**

- Review of customer and product line developed concepts and requirements.
- Development of design plans for the assigned designs.
- Responsible for all systems analysis including link budget, BER performance, noise figure, group delay and G/T calculations. The designs will include multiple cascaded stage analysis. Designs will be both analog and DSP based. Knowledge of analog and digital receiver design is desirable.
- Have a strong know ledge of parabolic antenna and feed designs, as well as testing procedures.
- Ability to use such tools as HFSS, Ansoft Designer and EEsof.

### **Education and Experience**

- Bachelor of Science (Electrical Engineering)
- 3 to 5 years of related experience
- Strong analytical and technical skills
- Excellent communication skills – both verbal and written
- Ability to work with customers and different levels of staff to solve a variety of technical (and non-technical) issues.

**Interested candidates should submit a cover letter and resume to:**  
[humanresources@ascsignal.com](mailto:humanresources@ascsignal.com).

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