

## Mobile Antenna Design and Development Engineer

Novocomms Limited –Birmingham

**NVC is looking for Mobile Antenna Design and Development Engineer (Ref: MA01)** with knowledge of handset/mobile antenna design team. The job involves design, testing, characterization, and development of new and existing antenna front-end circuit solutions for 5G, 4G LTE, UMTS, CDMA, GSM, Bluetooth, WiFi and GPS radio standards.

### Duties & Responsibilities

- Maintaining the competitor analysis reports and literature for latest mobile antenna technologies
- Antenna Research and Development across all cellular bands for implementation into mobile devices
- Working in a team environment at all phases from concept design to final products
- Support clients with requirements definition, project definition, and project planning
- Simulation, design and implement innovative antenna solutions suitable for small form factor devices
- Ensure excellent performance, e.g. TRP, TIS, SAR, etc., while enabling innovative devices
- Fabricate and characterize antennas from product concept through to production
- RF design and PCB layout

### Essential Knowledge & Skills:

- You will have BSc/MEng or higher in Physics, Electronic Engineering with an emphasis in RF with good practical and theoretical knowledge of antenna design within the mobile device sector
- Strong Knowledge of multiple-input, multiple-output (MIMO), multiple frequency bands operation in mobile devices
- Experience of simulation and modelling tools, such as AWR, ADS, CST, HFSS
- Bench skills including
- Strong working knowledge of antenna measurement, anechoic chamber, reverberation chamber, and RF test equipment
- Experience on RF matching and be able to construct antenna prototypes in-house
- Must possess excellent computer skills, including knowledge of MS office and other common computer software (C programming and Matlab experience are a plus).

### Attributes:

- Strong analytical skills
- Ability to solve the problems
- Creative
- Agile
- Attention to detail
- Excellent communication skills

**Salary:** Competitive salary depends on experience

**Location:** Birmingham

**Experience** – 3 year minimum.

To apply for this position please send your CV with a covering letter explaining how do you meet selection the criteria to: [HRUK@novocomms.com](mailto:HRUK@novocomms.com). You will only hear from us if you have been shortlisted.