

RF Designer/Technical Lead - Job opening R23042021

Paradox Security Systems a high-tech leading company in the world security for over 30 years with global sales to over 65 countries.

Working at Paradox means joining a dynamic, motivated, and competent team that takes the creation of an excellent product to heart. It also means being part of a team that creates innovative and stable systems and develop challenging projects with evolving technologies. We are looking for a passionate person who will have the opportunity to realize the concepts through his expertise and see the projects materialize. You will have the opportunity to see our products come to life in our manufacturing facilities. You will be joining our MIS team were there is a sense of unity in a great work environment.

Living Paradox core values of safety and integrity, which means taking responsibility for your own actions while caring for your colleagues, and the business.

The successful candidate will be responsible for the design, development, testing and evaluation of prototypes and equipment related to radiofrequency. He is also a technology advance follower with constant innovation in mind.

Responsibilities:

- RF-focused hardware design/test activities including evaluation/testing, integration testing, tuning, impedance matching, antenna testing, design verification.
- Use of RF test equipment including spectrum analyzer, network analyzer, signal generator, communications test set.
- Development of antenna conceptual prototypes, mockups.
- Antenna measurements: impedance, pattern, efficiency.
- Impedance matching theory and practice, measurement.
- Transmitter, receiver performance measurements.
- Support product design lead with transceiver implementation details, PCB layout.
- Lab evaluation of candidate parts, transceivers, methods to support new designs.
- Development of custom hardware to test, characterize and validate systems.

Qualifications:

- Bachelor's degree in a scientific discipline.
- 10 years' experience in a similar role.
- All around RF board design up to 1 GHz, including: RF components selection/comparison; RF schematics; RF layout; RF performance testing; RF standards compliance; RF manufacturability analysis (testing, production yield); RF antenna design.
- Hands on experience with RF simulation software.
- RF boards design of transmitters and receivers for sub GHz frequencies higher is a plus.



- Tuning and testing for performance and standards compliance (FCC, CE, EN).
- RF system design (timings, channel hopping, different systems co-existence, power, and channel occupation for standards compliance).
- Technology advance follower.
- Deep knowledge of cellular communication is an asset.

At Paradox Security Systems Loyalty is our pride, 50% of employees have been part of Paradox team for more than 10 years.

Paradox offers a competitive salary and excellent conditions helping employees to achieve a work-life balance and offers great benefits including Group Insurances, RRSP contribution, Progressive Retirement Program, Referral premium, Financial aid for training and development course and reimbursement of professional association membership and Recognition years of service gift.

Send us your CV by : (mention job opening number)

Email: RDopportunities@paradox.com

Call Ali Kobeissi at 450-491-7444 ext. 377 if you have questions regarding above job opening.

