POSTING DATE: May 16, 2016

JOB DESCRIPTION: RF Electrical Engineer

Location: NeuSpera Medical, Inc Head Quarters in Santa Clara, CA,

Reporting To: Vice President of R&D, NeuSpera Medical, Inc

JOB SNAPSHOT

Base Pay	Negotiable
Employment Type	Full-Time
Job Type	Engineer
Education	4 Year Degree (M.S. EE is preferred)
Experience	At least 5 year(s)
Manages Others	No
Industry	Medical Devices and Mixed Signal Designs
Required Travel	Yes
Other	Experience working in an ISO 13485 compliant workplace is preferred.

About NeuSpera Medical, Inc

NeuSpera Medical Incorporated is an exciting medical device startup company headquartered in Santa Clara, CA that is committed to bringing forward implantable medical device technology that will improve lives of patients battling with chronic illness.

PRIMARY FUNCTION:

NeuSpera Medical is seeking an RF Electrical Engineer with deep experience/knowledge in taking a design from concept to specification through design, verification and commercialization. The qualified candidate will be capable of evaluation, selection and application of standard engineering practices, techniques and procedures. The idea candidate will have experiences working with and managing 3rd party resources to access specialized skills sets. The RF Electrical Engineer must be capable of identifying specifications, performing trade studies and industry research and performing technical analysis. The qualified candidate in this role will also be asked to assist and, at times, mentor junior engineers.

The candidate must have experience in RF electronic Design, Simulation and

Verification. The ability to write design documentation and manage requirements compliance, including verification method traceability is required. Must be capable of developing new architectures and refining existing architectures from code reuse. Ability to work in the lab and plan for and perform initial hardware check-out and debug is required, as is the ability to write design documentation and manage requirements compliance, including verification method traceability. Familiarity with design Configuration Management and Quality Control Processes is a must. Ability to plan/document Verification and work with independent Verification Engineers is preferred. Experience in design of electronics for medical applications is desired.

JOB DUTIES:

- Design to Value: Combine aggressive product cost management (design to cost) with a strong understanding of customer needs to deliver attractive, high value product solutions.
- Rapid prototyping: Quickly translate product design needs into prototype forms ready for evaluation.
- Continuous Improvement: Continuously improve products, prototypes & development processes with an eye toward adding value & improving efficiency.
- Program Management: Build, maintain and manage against high-level project plans that detail timeline of deliverables, costs, scope & people.
- Intellectual Property: Disclose new ideas and support formal development of intellectual property.
- Contribute to a goal oriented, collaborative & productive work environment.
- Other responsibilities as assigned

JOB REQUIREMENTS

Electrical Engineer, RF

Qualifications and Experience:

- B.S. Electrical Engineering
- 5 or more years experience in engineering and design of electrical systems (Healthcare applications preferred)
- Results driven, collaborative team player capable of working well with others, as well as autonomously with little direction

- Ability to listen to customers and translate into accurate, actionable specifications
- Strong Electrical Engineering or Electronic Design and fabrication skills
- Expert level experience with RF Test Equipment including Spectrum Analyzers, Sampling Oscilloscopes, Pulse Generators, Network Analyzers, Power Meters.
- Experience and knowledge of UHFMicrowave components and capabilities.
- Laboratory knowledge including setup and configuration of test equipment, unit and subsystem level testing. Ability to measure key parameters using test equipment in multiple configurations.
- General knowledge of Radar or Communications Microwave Systems including frequency conversion, mixers, amplifiers, and filter design.
- Ability to perform detailed Gain, Noise and Intercept Analysis covering all key measurements (Noise Figure, Dynamic Range, System Sensitivity, etc.).
- Ability to document and specify system and subsystem level requirements.
- Willingness to travel (10%).
- Desire to maintain, configure, and update RF Laboratory components to meet company and program goals.
- Schematic design and capture capability using RF tools and CAD programs (OrCAD, Cadence, SpectreRF etc).
- Strong verbal and written communication skills
- Strong computer skills required; Product Design & Modeling tools

Work Environment:

- Office and Laboratory
- Some travel necessary