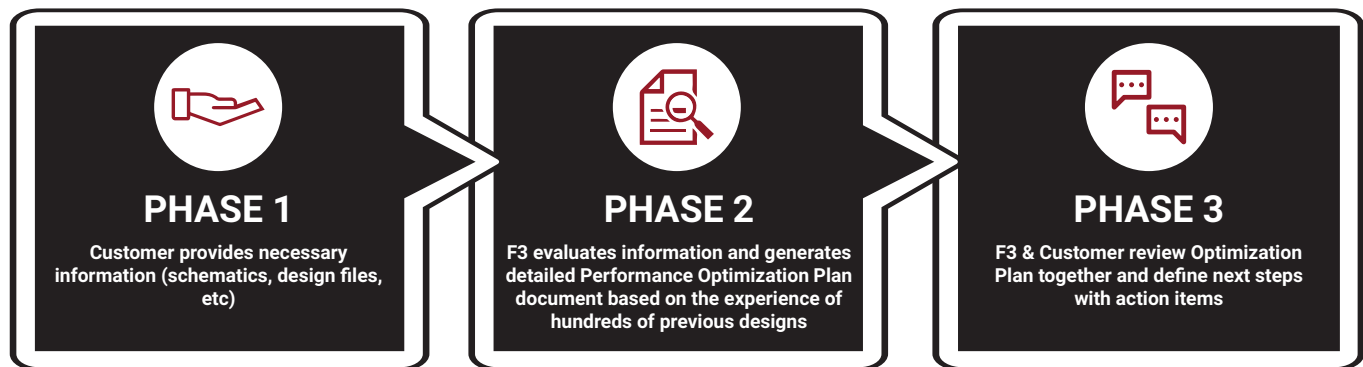


SC20 PerfGuidance

PERFORMANCE & CERTIFICATION READINESS

What problem are we solving and why should you care?

Designing radio products is much different and more difficult than designing other types of electronic products. Radio performance is dependent on the environment, and it's very easy for standard electronic design practice to result in a product with poor radio performance in a number of ways. F3 Wireless can help ensure you build a competitive product the first time out. If you've already built prototypes, we can provide a little guidance now that can save a lot of time and money. Radio product design is always iterative but F3 can speed up your development cycle and reduce the number of cycles to get to market.



What will we do and what's the deliverable?

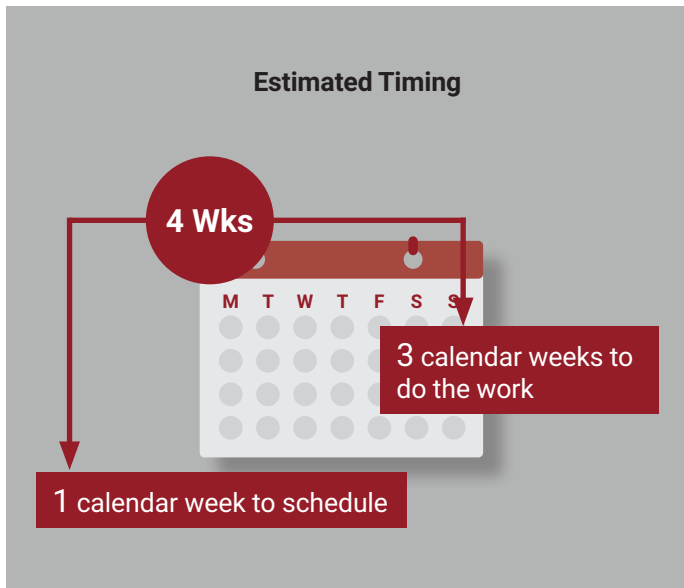
Implementing RF design best practices, we will review your design files and documentation. From this analysis we will generate a detailed report of proposed enhancements and changes called the Performance Optimization Plan. If these changes are implemented, but the product still has issues, F3 will review the test results and design files and provide an updated report. This mitigation cycle will continue until the product passes certifications.

Pitfalls Avoided with PerfGuidance

- Increased risk of poor radio performance leading to market rejection if released without mitigation
- Increased risk of poor radio performance leading to lost time and money in performing mitigation
- Potential certification failure leading to delayed time to market
- Increased risk of project cancellation

Customer Must Supply to F3:

- Mechanical, schematic, PCB and BOM design files
- List of countries of operation
- List of cellular carriers, if applicable
- Requirements document, use-cases or user stories
- 3 samples of any assembled prototypes that may exist




How Much Will it Cost

The effort described here is typically 2 weeks, 80 man-hours, of labor. Contact F3 sales for a quote based on our current standard labor rate.

Why F3 Wireless for Performance Readiness?


- 1) Know-how: We execute these product developments ourselves so we know how things fail and why. We've fixed hundreds of products with a wide range of radio related performance and certification problems.
- 2) Facilities: We have all of the highly specialized and expensive test equipment to do the required testing to guarantee proper performance.
- 3) Capacity: Our team includes several qualified experts in each discipline to ensure a professional turn-around time and resulting deliverables.

Contact Info

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