

## **Howard Chad Bonner**

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### **CAREER SKILLS / KNOWLEDGE**

- System engineering
- RF and system testing
- Technical leadership
- Identifying engineers' technical strengths and assigning work accordingly
- RF circuit design
- Satellite system link analysis
- Working within budget and schedule constraints
- Technical management

### **CAREER ACHIEVEMENTS**

- Technical lead for antenna and electronics development and integration effort for the Range RADAR Replacement Program (RRRP) to replace existing military test range instrumentation RADAR systems with systems capable of far better performance.
- Led system architecture design and RF board design and development for the R8000 next generation two-way radio test set. Product brought to market and remains in production.
- Design and development of satellite ground terminal Digital Tracking Receiver RF board. Improved performance and reduced cost over previous design. Responsible for all RF engineering validation testing. This product is still in production.
- Developed Astrium RF up/down converter calibration process and software. Calibration and test process was scaled up to meet large order quantities with a short delivery time frame.

