



**September 2006**

### **Malibu Research Associates, Creative Digital Systems and ONE Team for Phased Array Telemetry Processing Systems**

ONE has teamed with MRA and CDS to offer advanced phased array technology utilizing the team's recent experience on the U.S. Air Force E-9A phased array antenna upgrade. The design provides for a complete digital solution to range telemetry in that it includes the receivers, combiners, demodulators, and bit synchronizers in a 100% digital architecture. The processing architecture is currently designed to track 10 S-Band targets with room to grow. The teaming arrangement provides for a solution with systems engineering and operator interface experience – ONE, extensive antenna design and RF design – MRA, and proven digital processing architecture for phased arrays and telemetry – CDS.

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