

# BlueMax AMRIS

Advanced Mobile RCS Instrumentation System

The premiere vehicle-based RCS instrumentation system





The AMRIS multi-capability, precision-instrumentation radar is an advanced, cost-effective, mobile solution for RCS programs that develop, test, and evaluate stationary targets or dynamic (sea/ground) targets.

AMRIS boasts a pedigree of more than 100 RCS, radar-signature, and LO/CLO legacy measurement systems that contributed to a highly reliable, high reuse design and the lowest-possible total cost of ownership over the life of the product

## Key Performance Attributes

Self-contained, turn-key measurement system

BlueMax G6 core

60 MHz to 100 GHz operation

1 Kilowatt far-field measurement system

Optical/split-gate tracking

Optional input for telemetry tracking

20-watt near-field measurement system

4-meter by 3-meter X-Y scanner

5<sup>th</sup>-wheel input for linear/circular SAR measure

Advanced, user-friendly human-machine interface

Co-/Cross-polarization measurements

Modular design allows additional capabilities

Turn-table or pylon inputs

Integrated real-time and post-processing UI

Exportable configuration

Platform independent

## Attributes

Dynamic far-field measurements

Near-field X-Y scanner

Linear SAR

Circular SAR

ISAR

