

Technologies for Special Applications

Forestry

Allegro MX with GPS

ELECTRONIC DATA SOLUTIONS®

 **JUNIPER**
systems

Allegro MX with GPS (AMXU)

UBLOX 50 Channel L1 GPS Receiver

WAAS Enabled / 2-5 Meter accuracy

Retrofit available for Allegro MX

Optimized to keep a fix under trees

United States Forest Service

Dense Tree Canopy Validated



USFS Dense Tree Canopy Test Results

Date: September 2011

Tested by: USFS Missoula Technology Development Center

Chuck Harding (USFS MTDC)

Location: Powell IDAHO dense tree canopy GPS course

(Old Growth Cedar Stand)

Summary Test Results

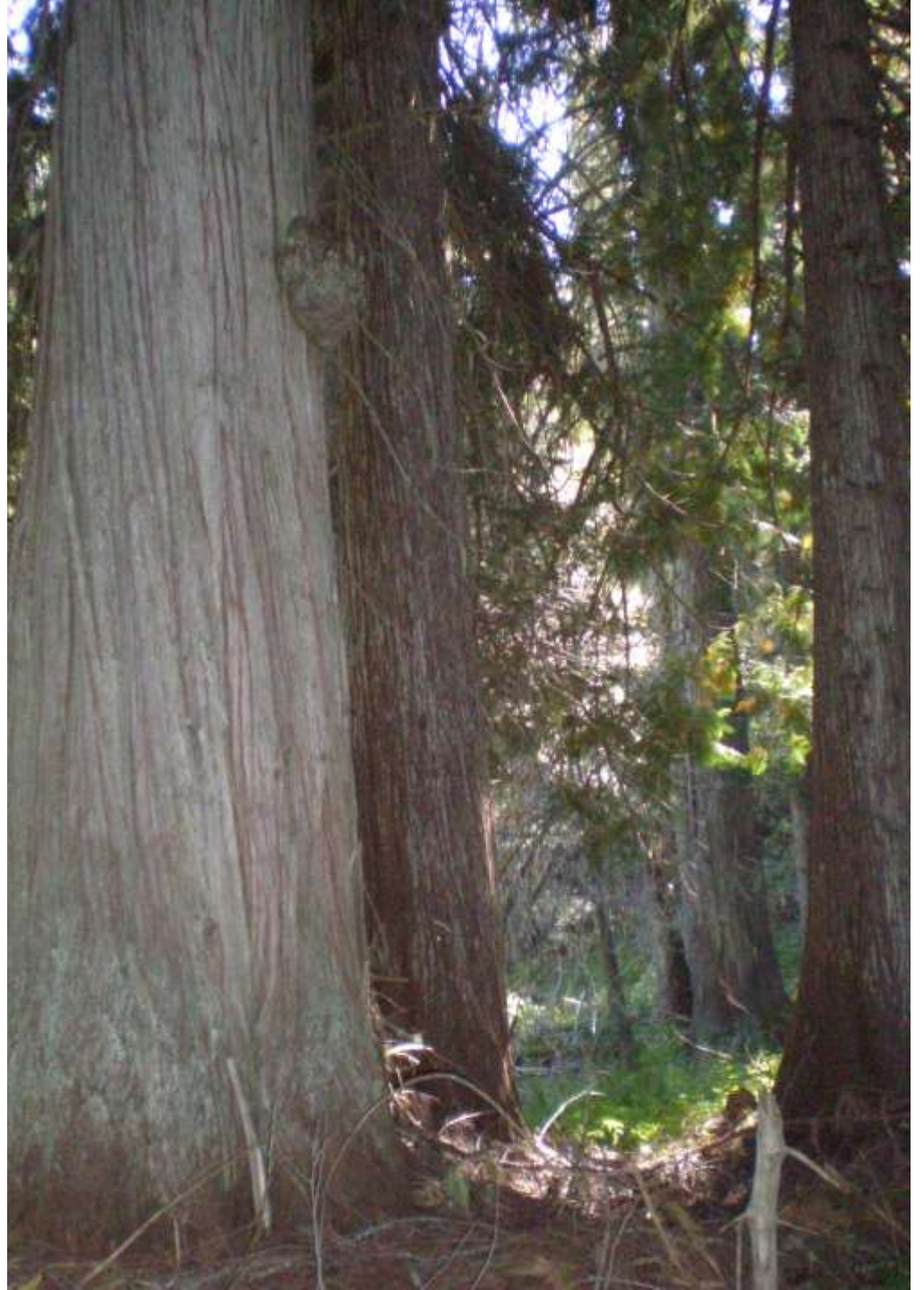
Open Sky Test Accuracy Average = 1.7meters – 2.1meters

Dense Canopy Results Average = 5.6 meters – 7.5 meters*

*Acceptable Accuracy = 8-12 meters

Allegro MX GPS exceeded USFS performance expectations and performed exceptional relative to comparable GPS







Questions?



intuitive field computing solutions for rugged applications