



- *International Civil Aviation Organization*
- **THE FOURTH MEETING OF ADS-B STUDY AND**
- **IMPLEMENTATION TASK FORCE (ADS-B TF/4)**
- Nadi, Fiji, 26-28 October 2005.

New Zealand ADS-B Technical Trial

July-Sept 2005

H Anderson
ADS-B Trial Project Manager
Airways New Zealand

NZ ADS-B Technical Trial

Single antenna

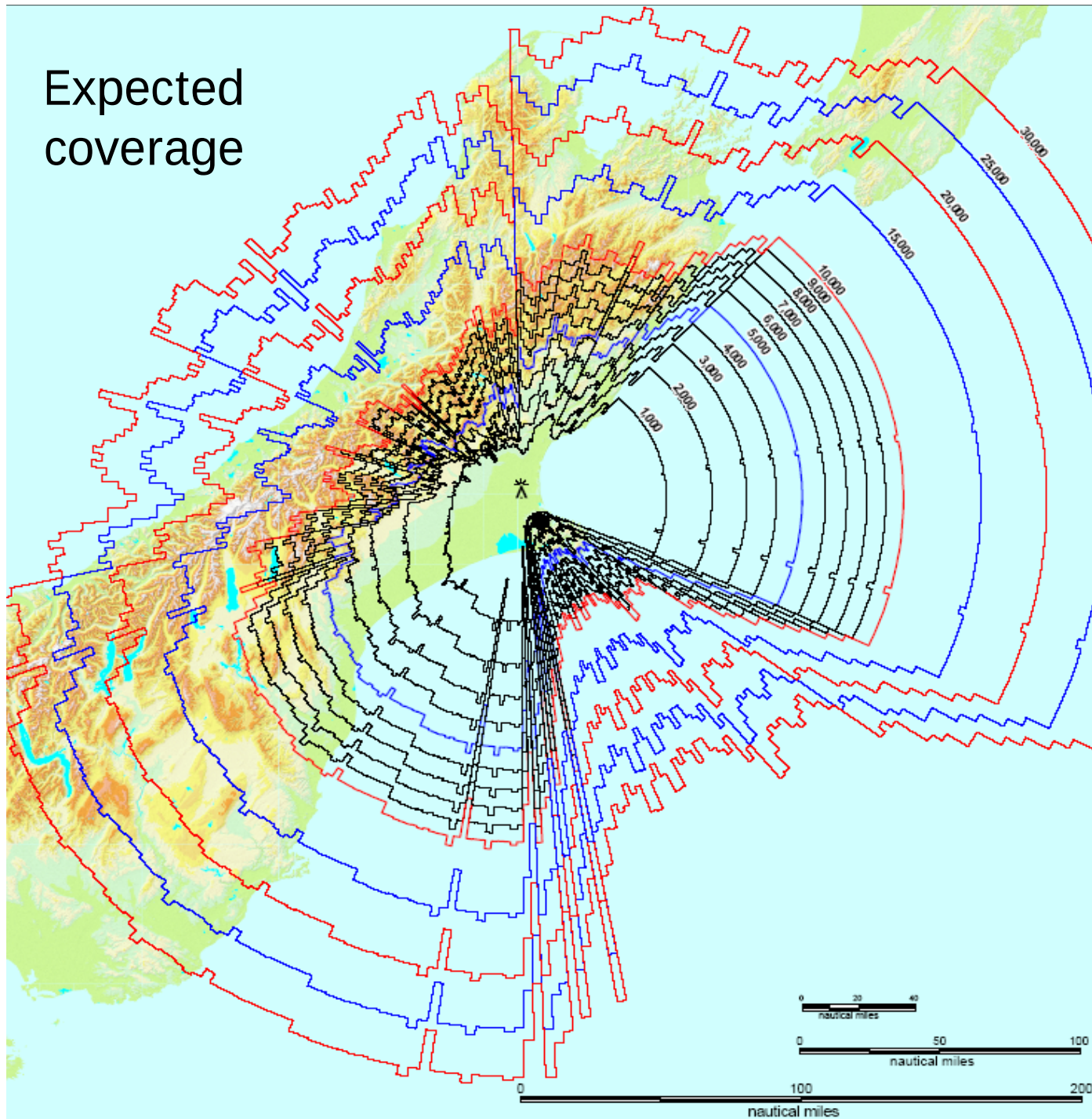
Christchurch

July-Sept 2005



ICAO Asia Pacific ADS-B SITF WG
26th October 2005

Expected
coverage



sic: 10, sac: 60
E10244
AR1182
15:27:02
-41.430495° 177.340751°
399.75 FL

465 kts

0

0.00 ft/min

0

0

0

0

0

0

0

0

0

0

0

0

0

0

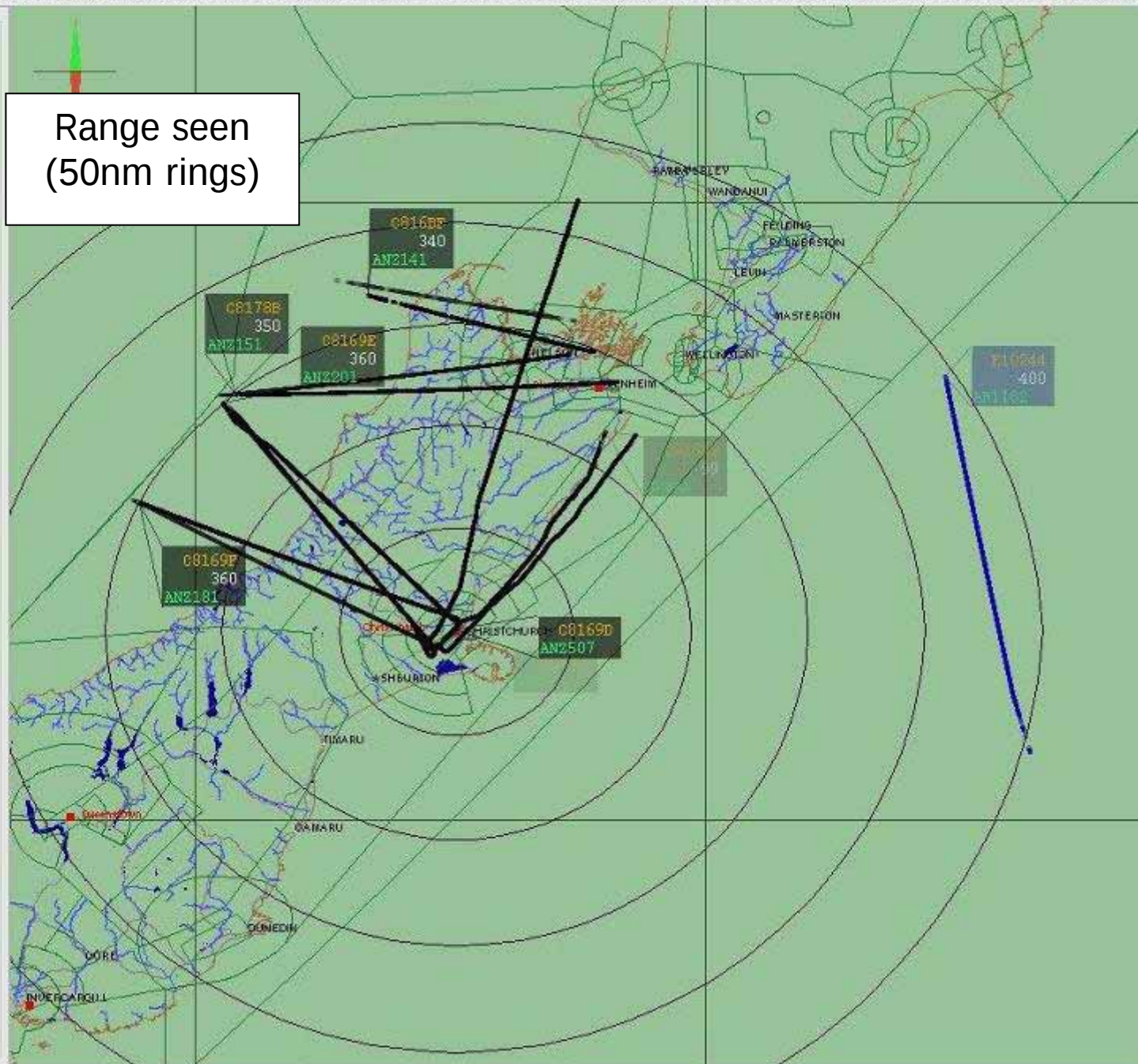
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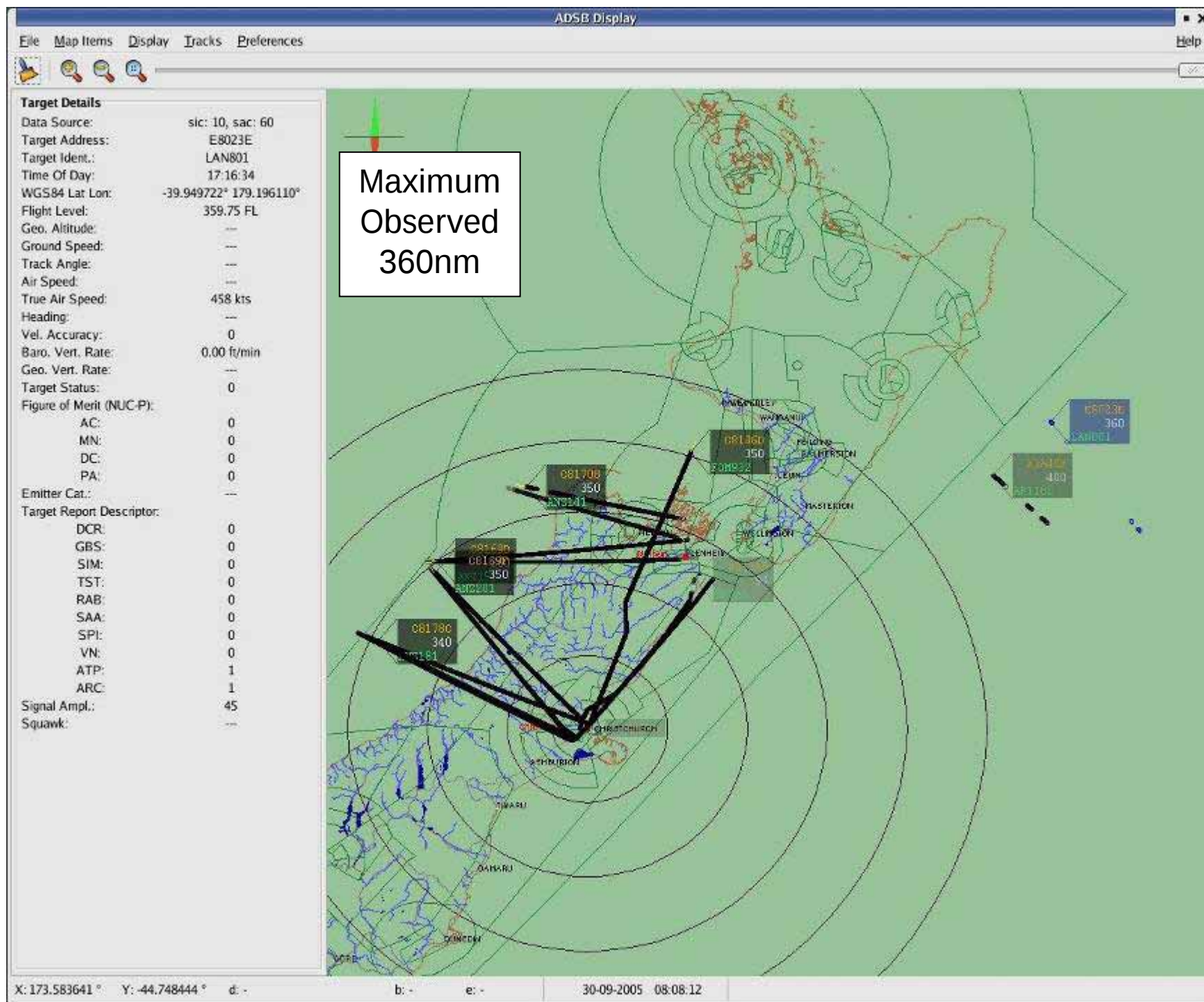
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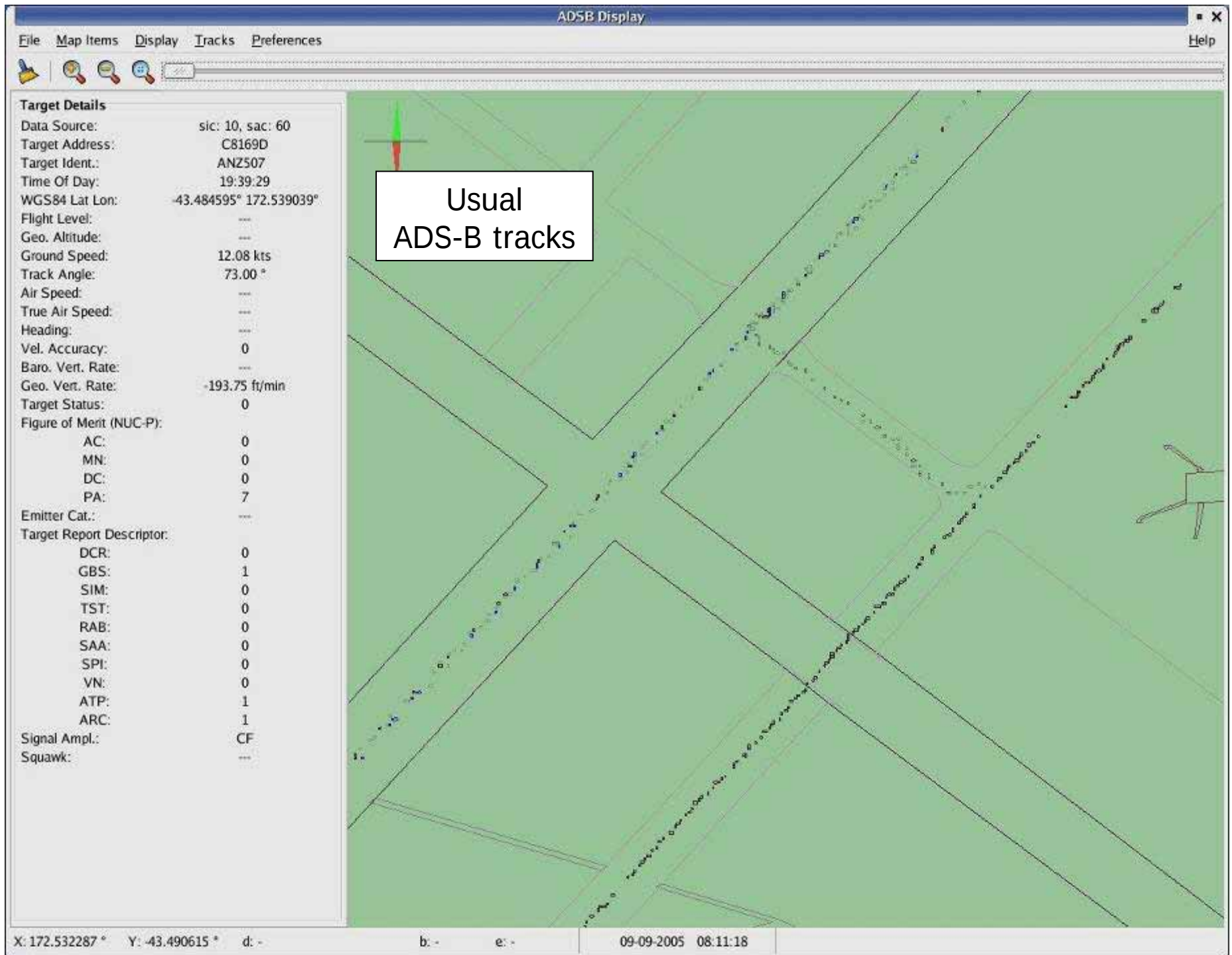
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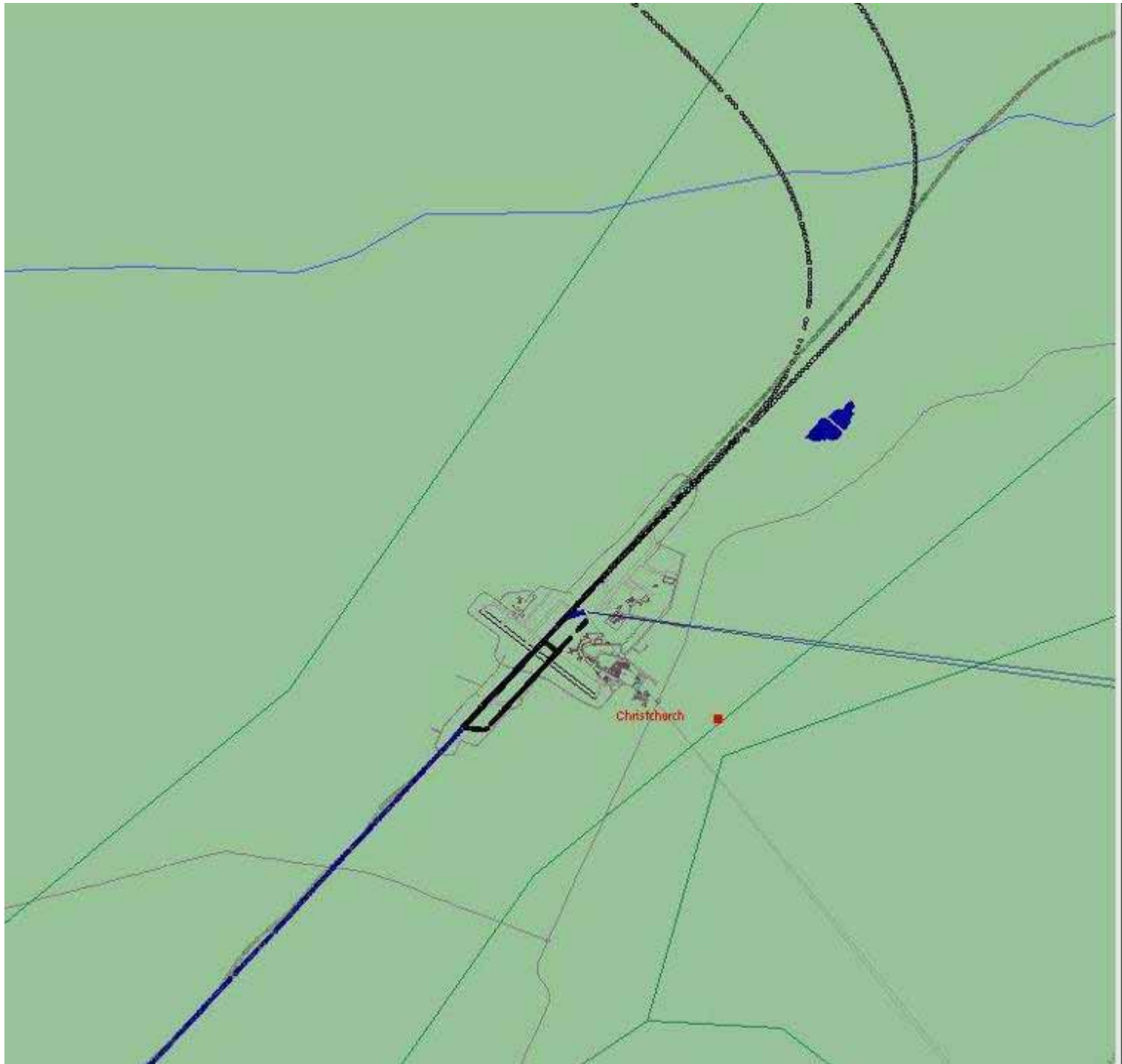
44

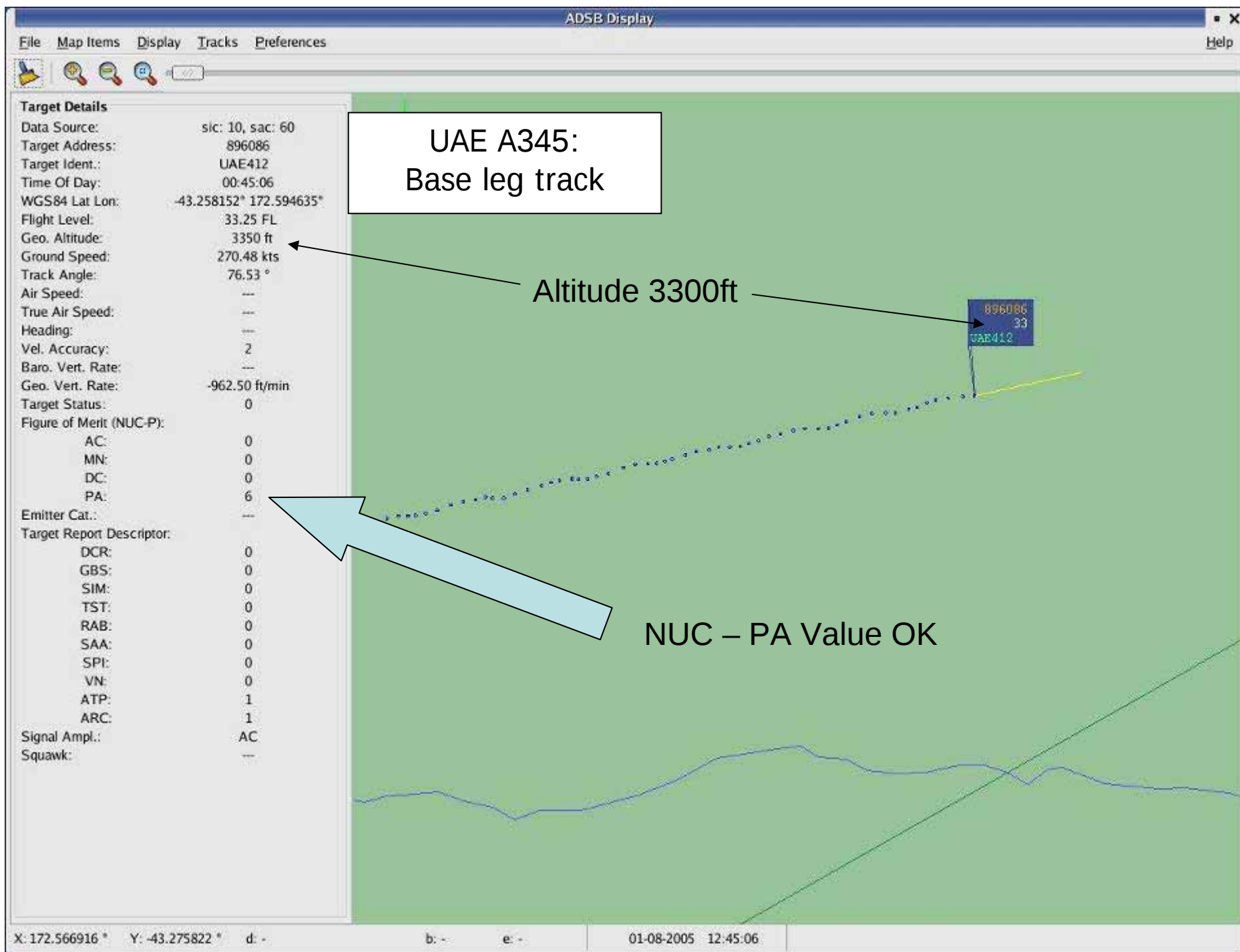
Range seen
(50nm rings)

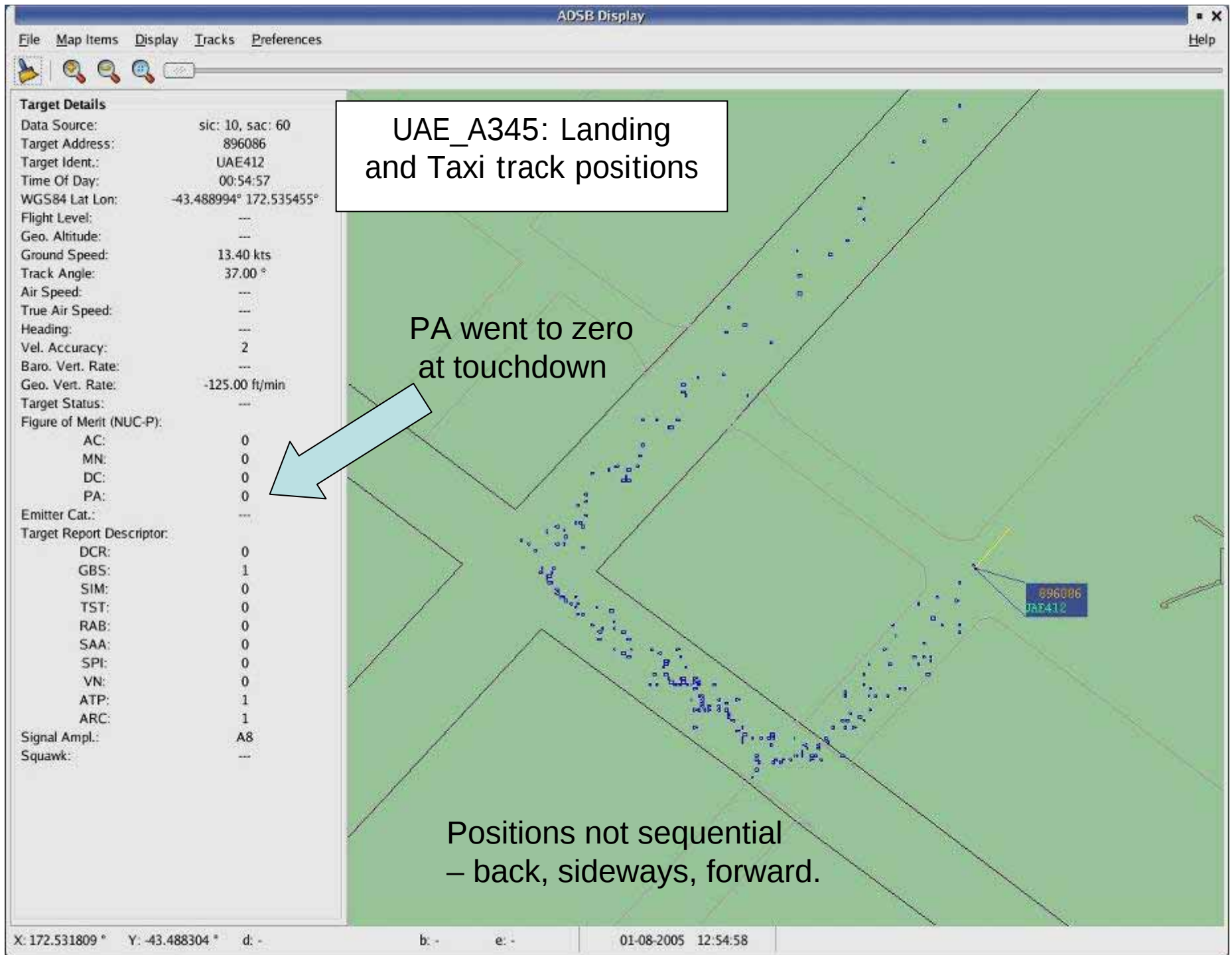


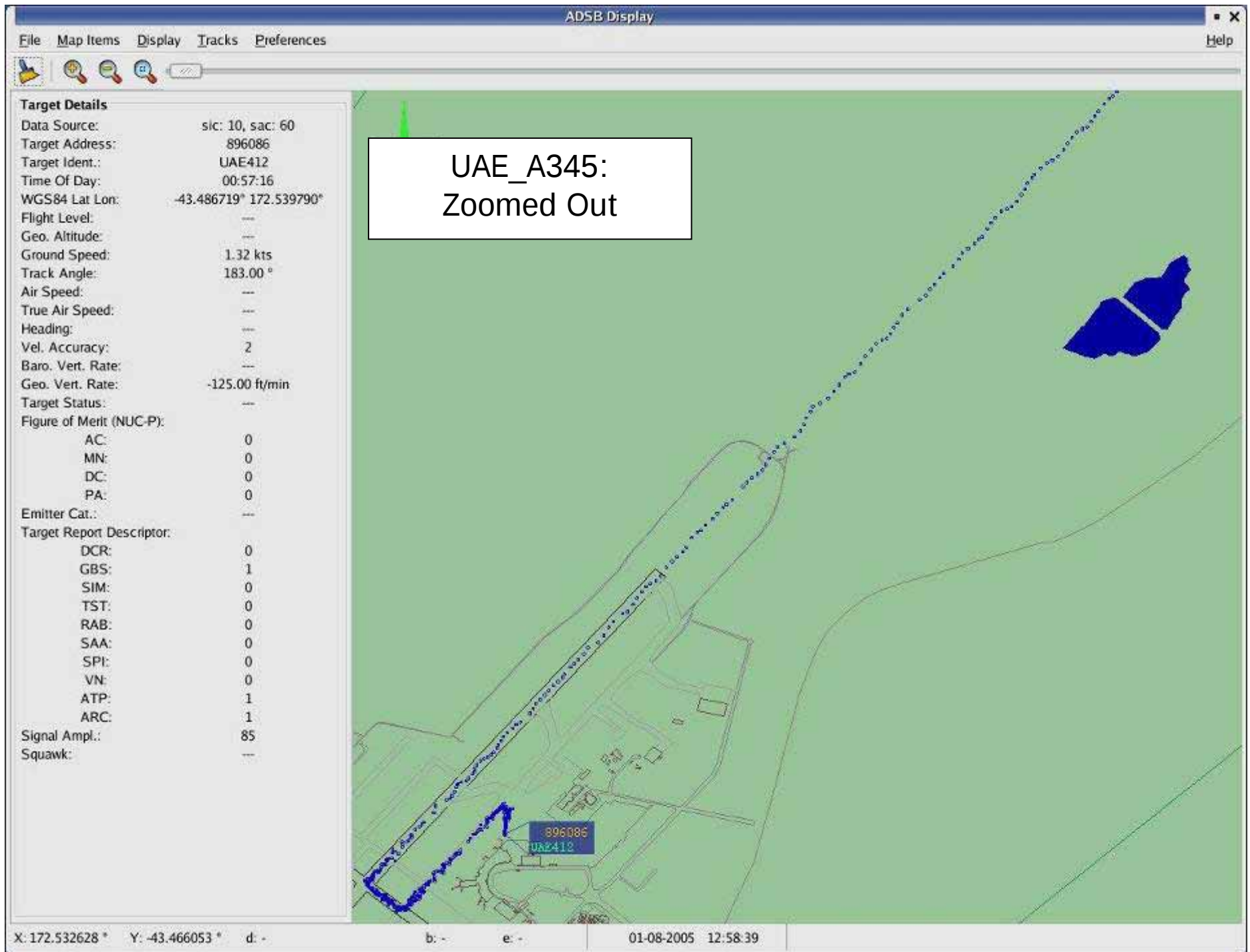












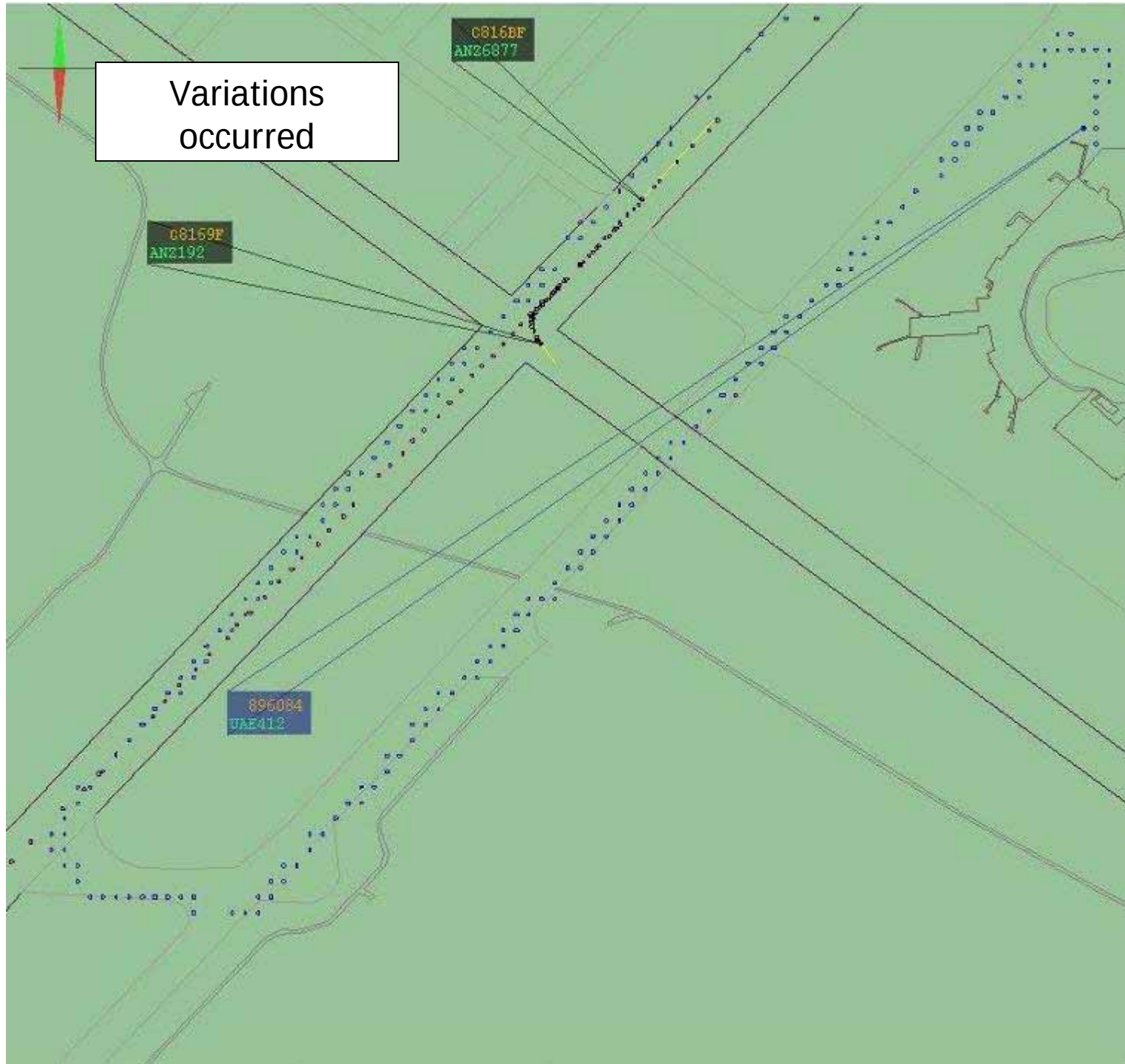


Variations
occurred

CS158F
AN26877

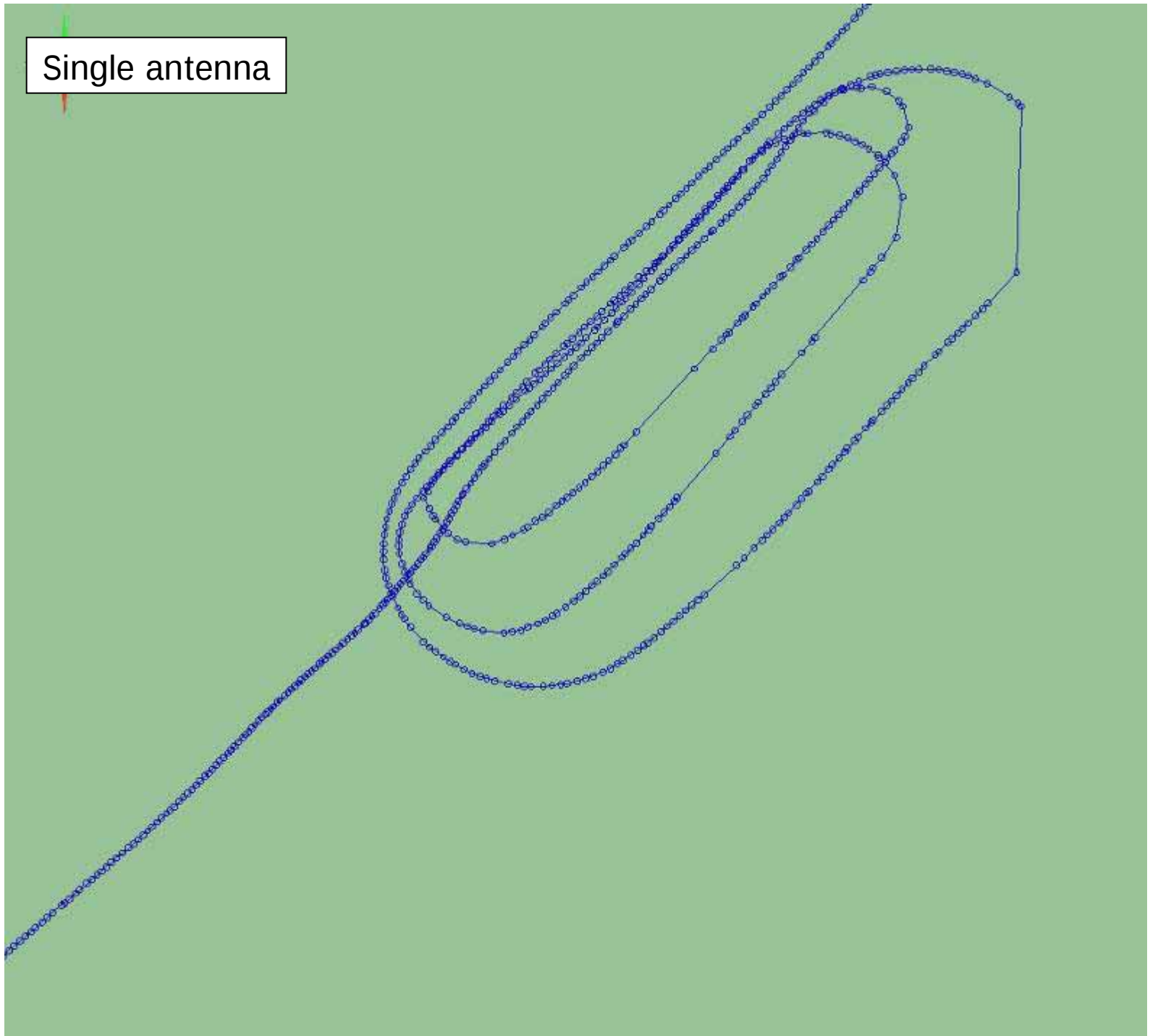
CS159F
AN2192

896084
UAE412





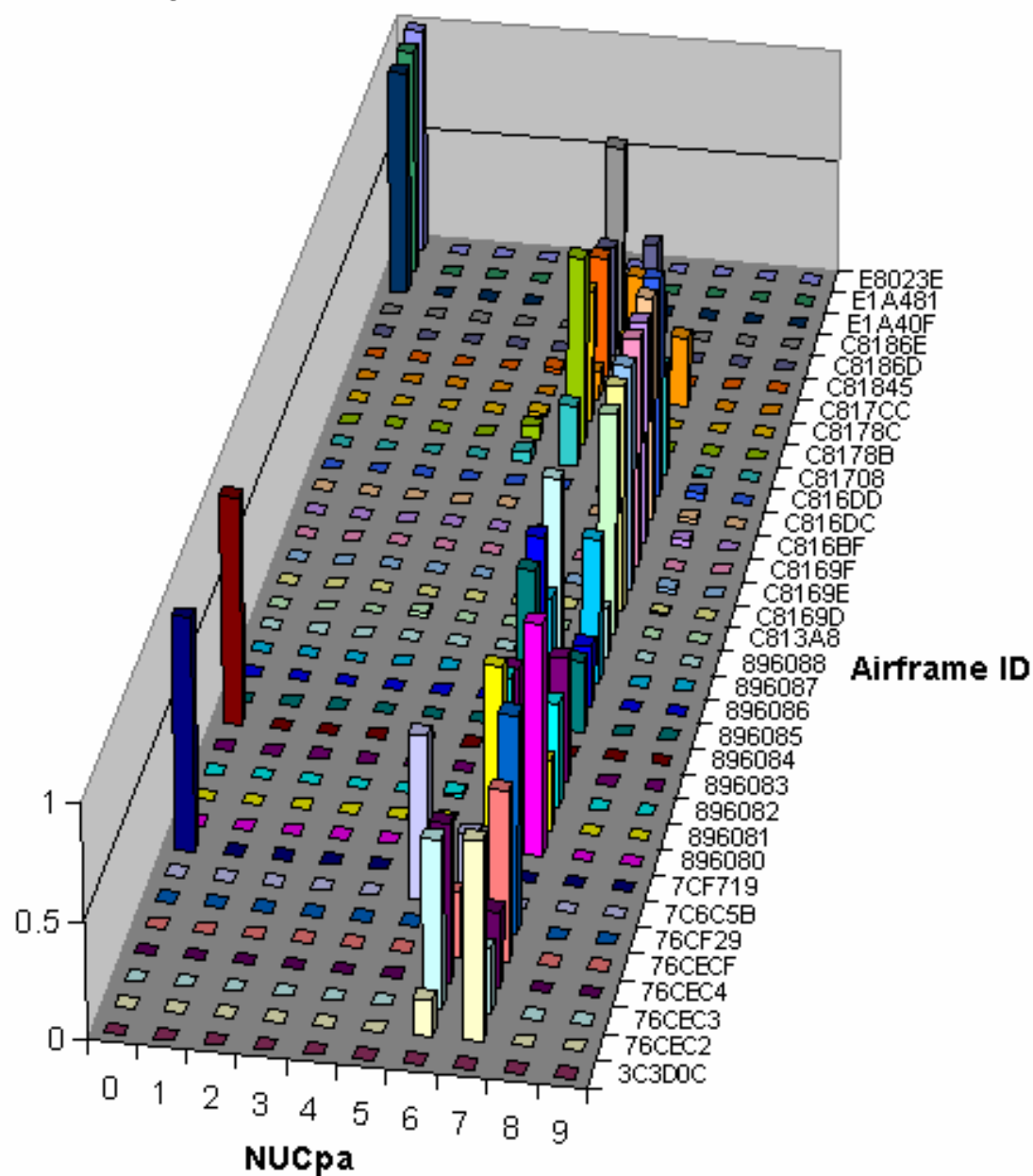
Single antenna



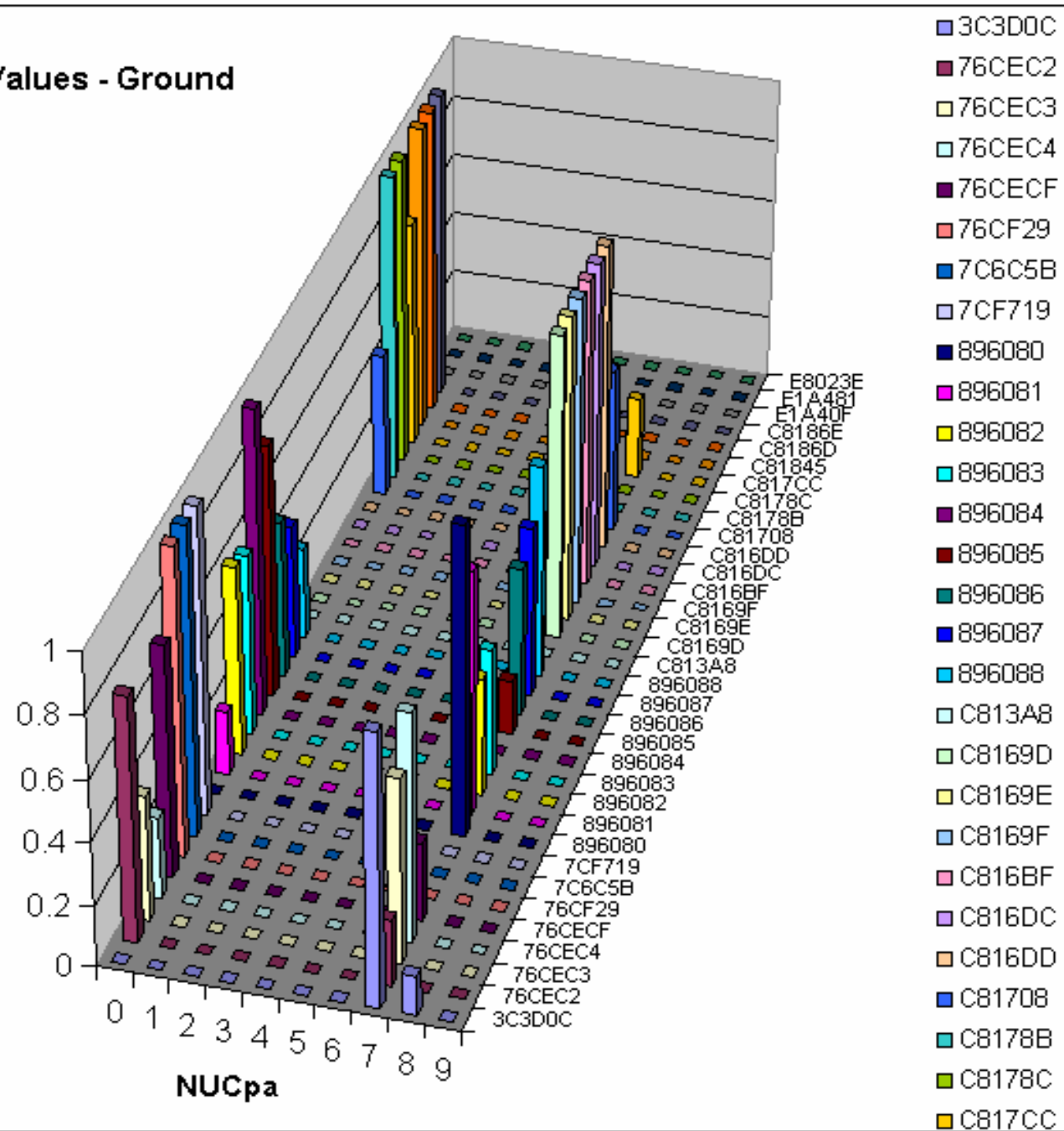
Basic Analysis

- Airborne Data Fields (89)
- On-ground Data Fields (89)
- NUCpa values by airframe - Airborne
- NUCpa values by airframe - Ground
- Aircraft by Flight ID
- Flights by individual Aircraft
- Signal Strength
- Comment on avionics fitment
- Comment on operational value

Airborne NUCpa Values



NUCpa Values - Ground





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