



NASA Langley HIWC Radar Group Ongoing Analyses

POC: Steven.D.Harrah@NASA.gov

- **Calibration Stability (internal report)**
 - CAL estimate from each approach/landing
- **WXR Comparison with:**
 - Gnd Radar (BREAKOUT SESSION - FlightRED)
 - Z(PSD) (BREAKOUT SESSION - RRF Enh)
 - IKP (BREAKOUT SESSION - RRF-Enh)
- **Flight through RED**
 - produce/provide dates/times and WXR-video/imagery
 - BREAKOUT SESSION
- **Reflectivity “Enhancement” (X-band v W-band v Z(PSD))**
 - BREAKOUT SESSION
- **Support of IKP Processing Refinements**
 - BREAKOUT SESSION
- **HIWC Storm Modelling**
 - Proctor Briefing
- **Complete ALL Analyses Prior to HIWC WXR Workshop**
 - NASA Langley (2016/TBD)
 - Coordination with Avionics Industry, FAA, & RTCA/EUROCAE



NASA Langley HIWC Radar Group Ongoing Analyses

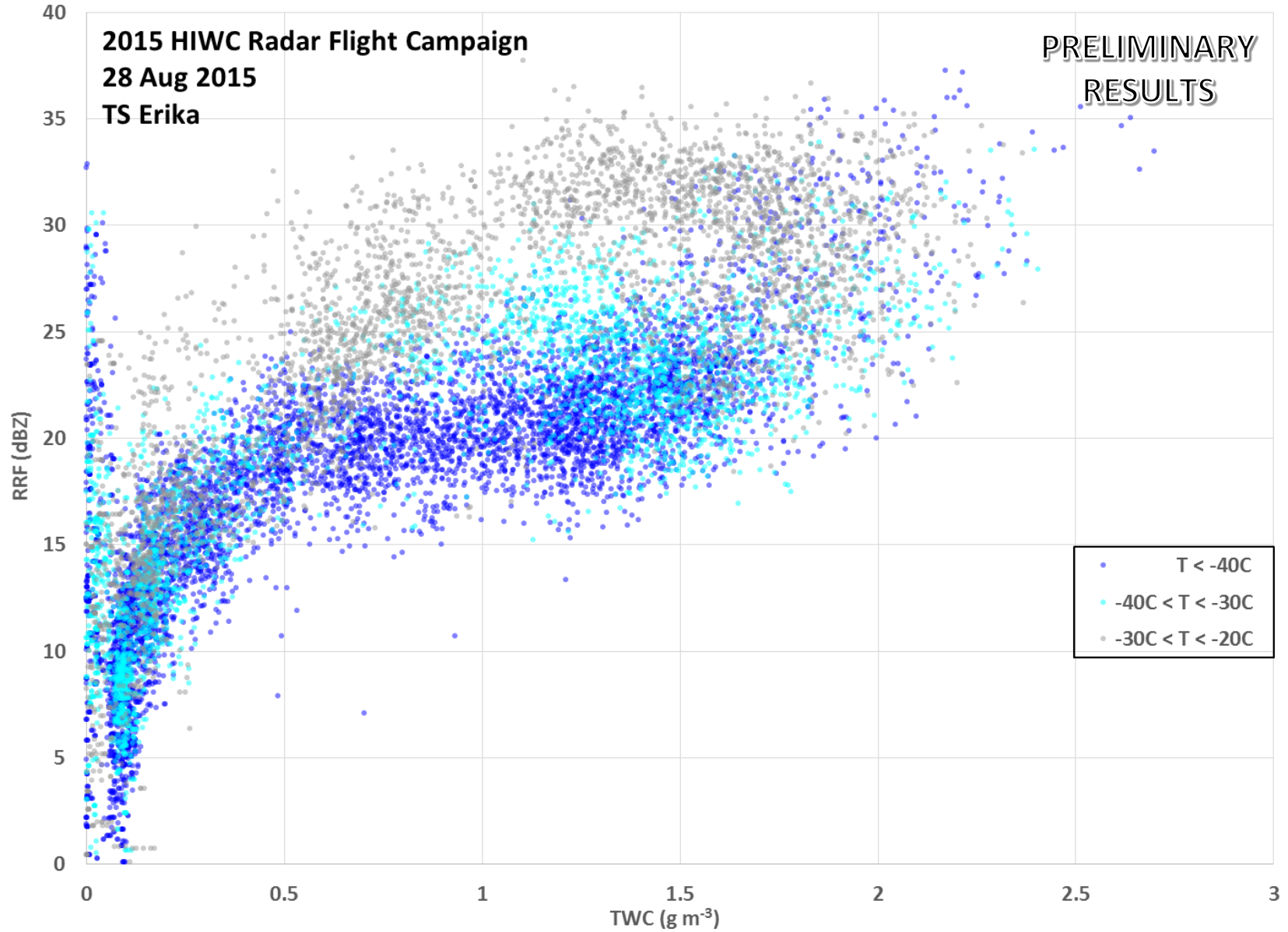
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 - CAL estimate from each approach/landing
- **WXR Comparison with:**
 - Gnd Radar (BREAKOUT SESSION - FlightRED)
 - Z(PSD) (BREAKOUT SESSION - RRF Enh)
 - IKP (preliminary example in this briefing)
- **Flight through RED**
 - produce date/times and WXR-video/imagery
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Radar Reflectivity as a “Function” of TWC

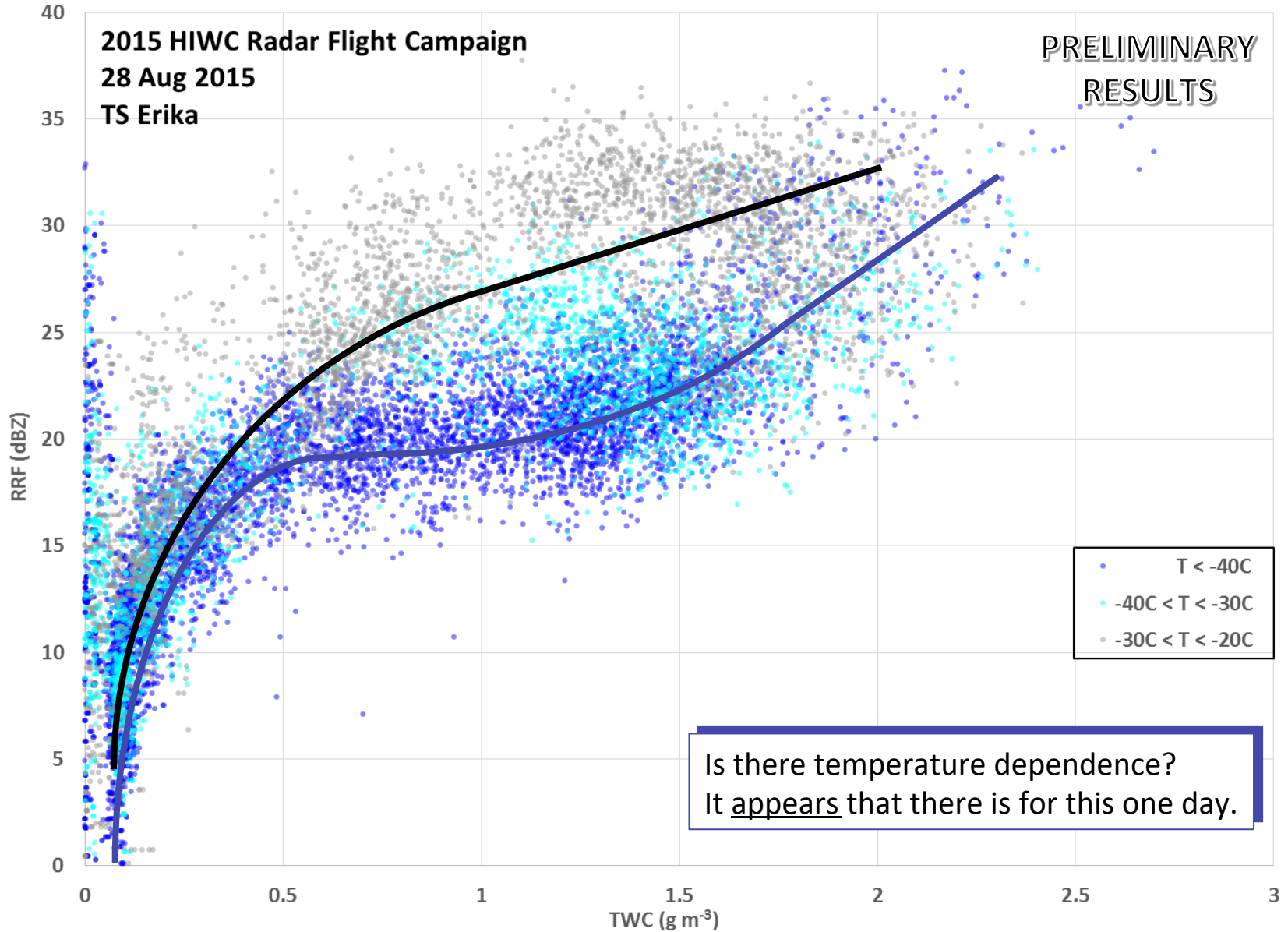
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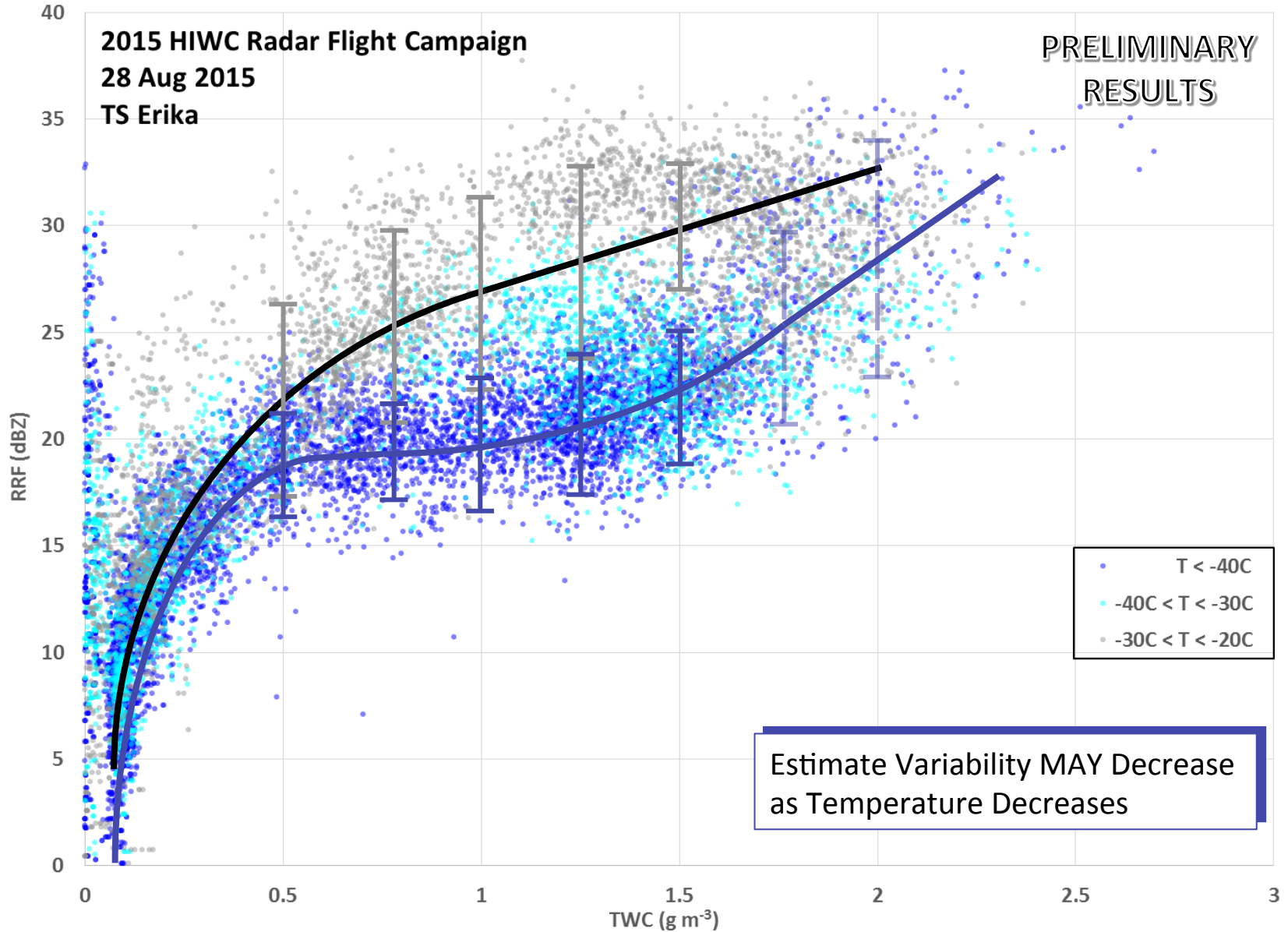
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