



© EISCAT Scientific Association
Tony van Eyken

EISCAT Svalbard Radar during the International Polar Year

Tony van Eyken

EISCAT Scientific Association





EISCAT Svalbard Radar

- New pulse coding covering low altitude to ~500km with improved statistics at low altitudes (first returns at ~40km)
- Primary observations use 42m, field-aligned antenna with plasma line calibration on the 32m antenna
- New local area scanning pattern, optimised for minimum antenna stress, for electric field measurements



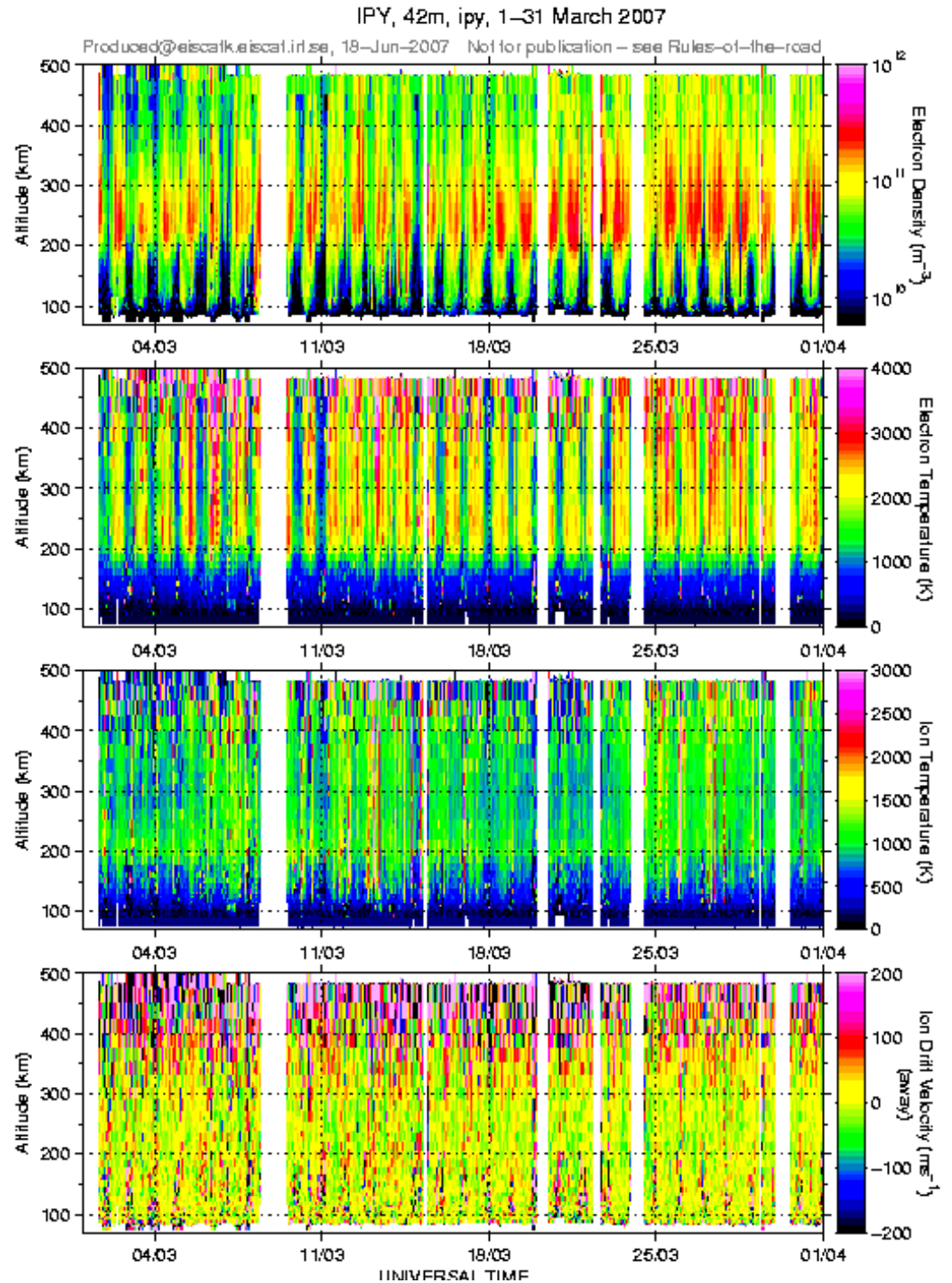


© EISCAT Scientific Association
Tony van Eyken

March



E I S C A T Santa Fe, 25-29 June 2007



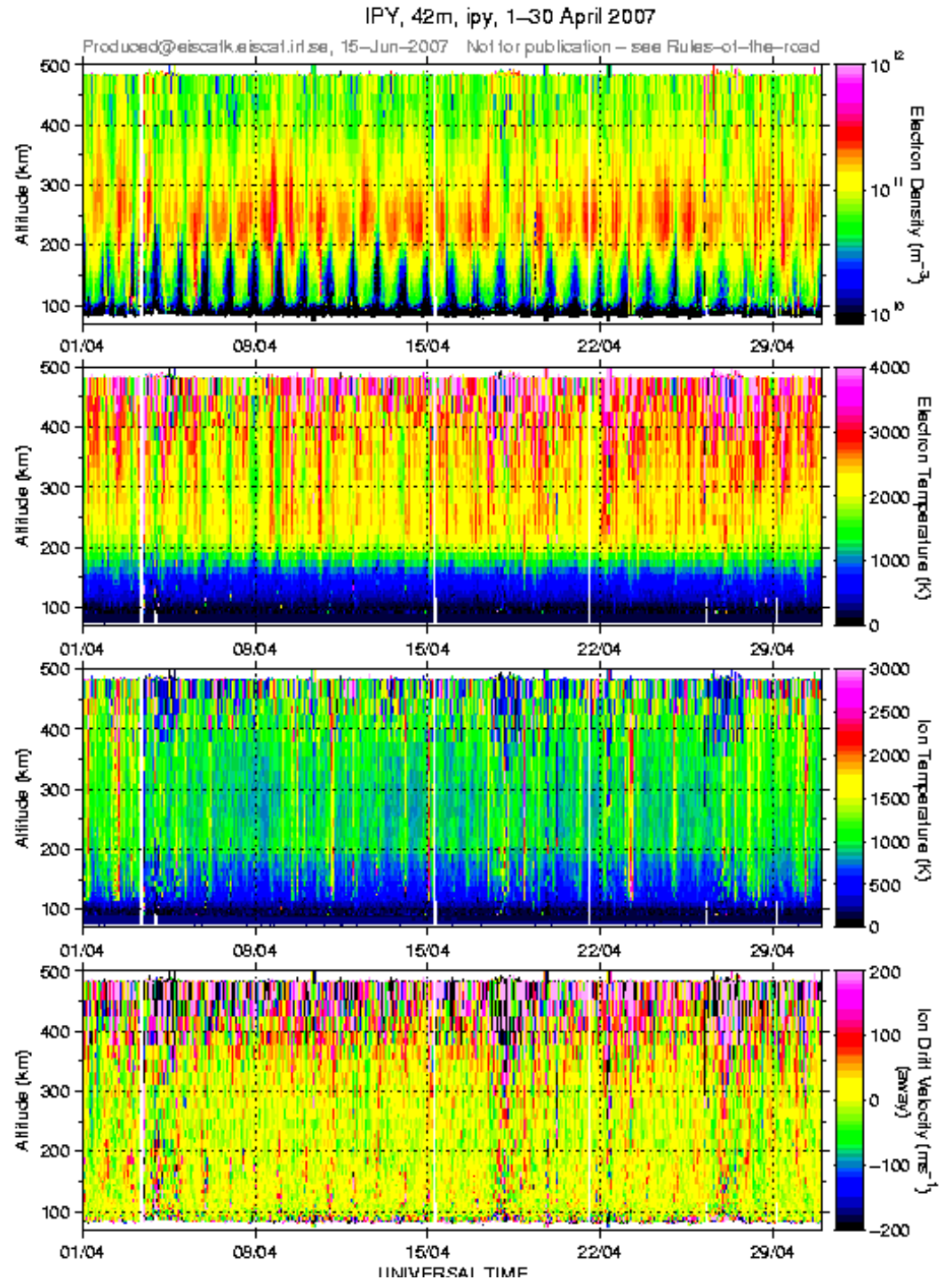


© EISCAT Scientific Association
Tony van Eyken

April



E I S C A T Santa Fe, 25-29 June 2007





© EISCAT Scientific Association
Tony van Eyken

May



E I S C A T

Santa Fe, 25-29 June 2007

...calibration

