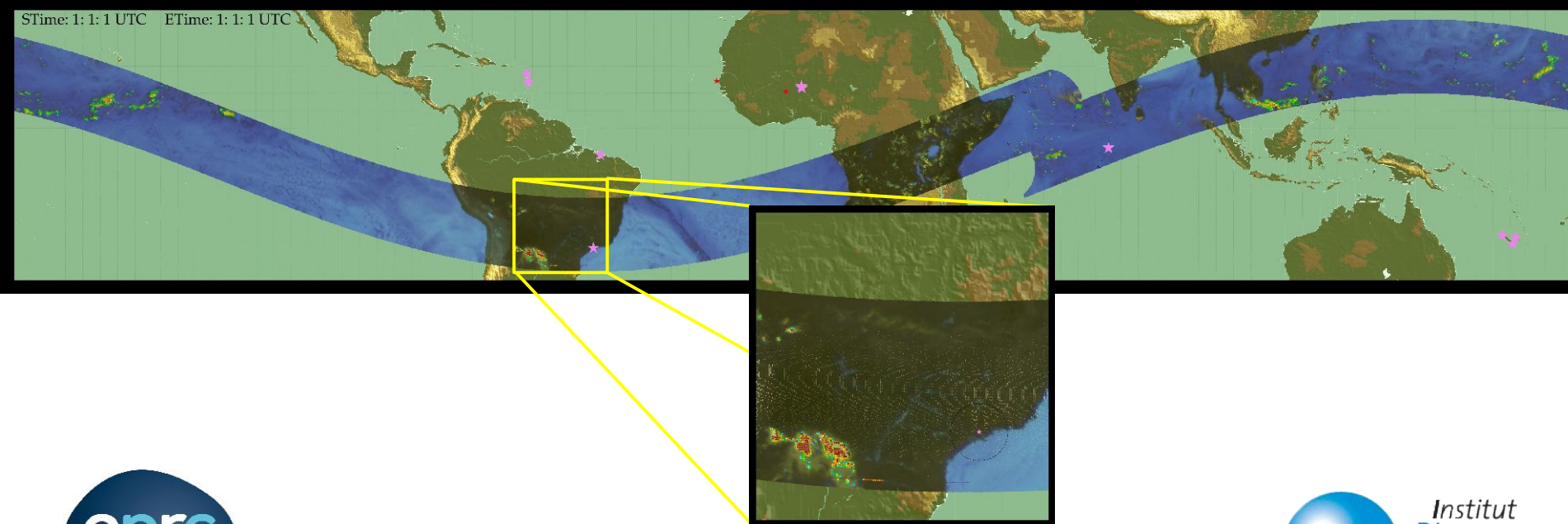


MADRAS “calibration” activities at LATMOS



N. Viltard, C. Dufour



There is no calibration activity on
MADRAS at LATMOS !

The data were not really available

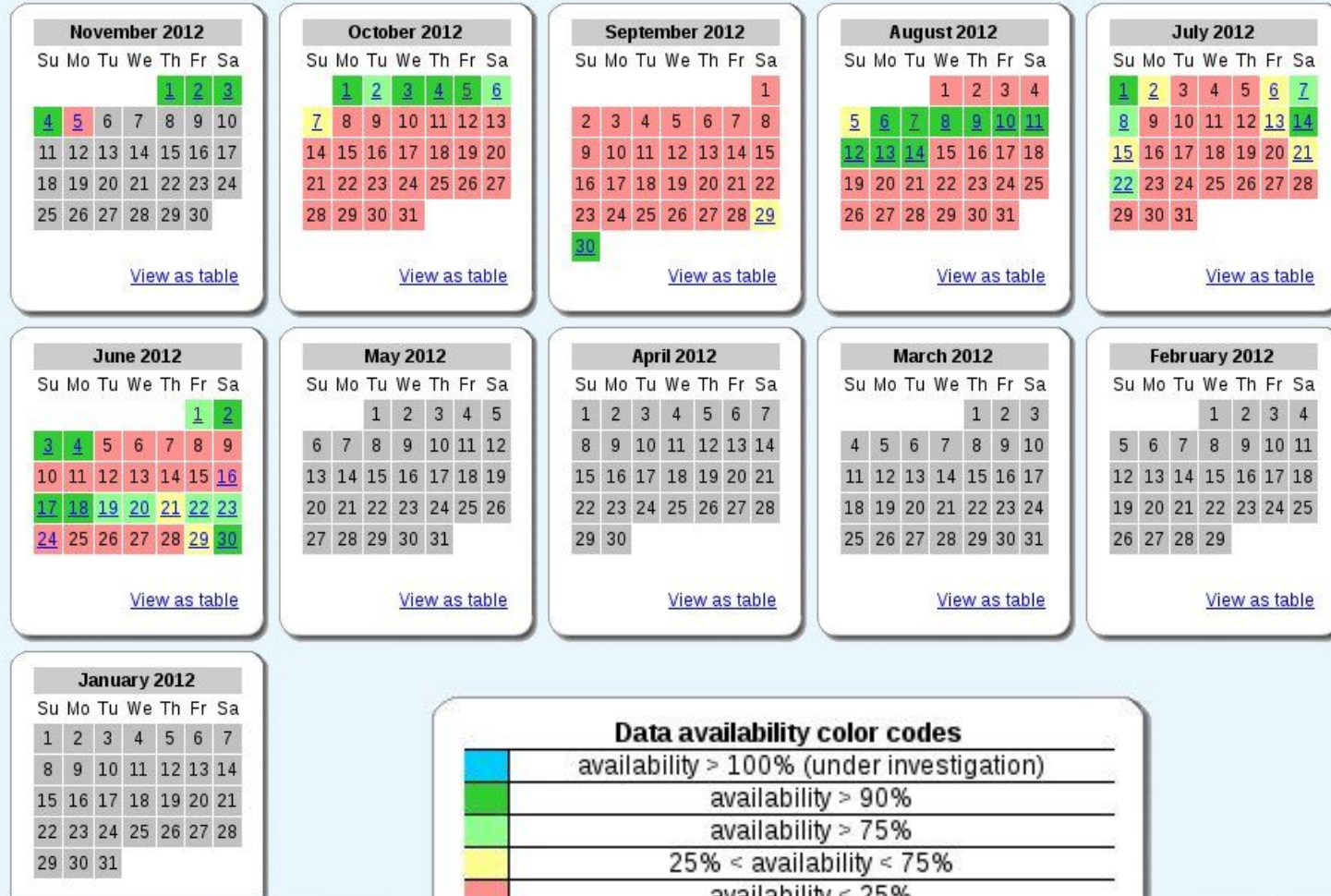
The available files were full of outliers
(v1.0/v1.02)

There are a lot of small problems in the file
(v1.05)

Nonetheless we did some checking...

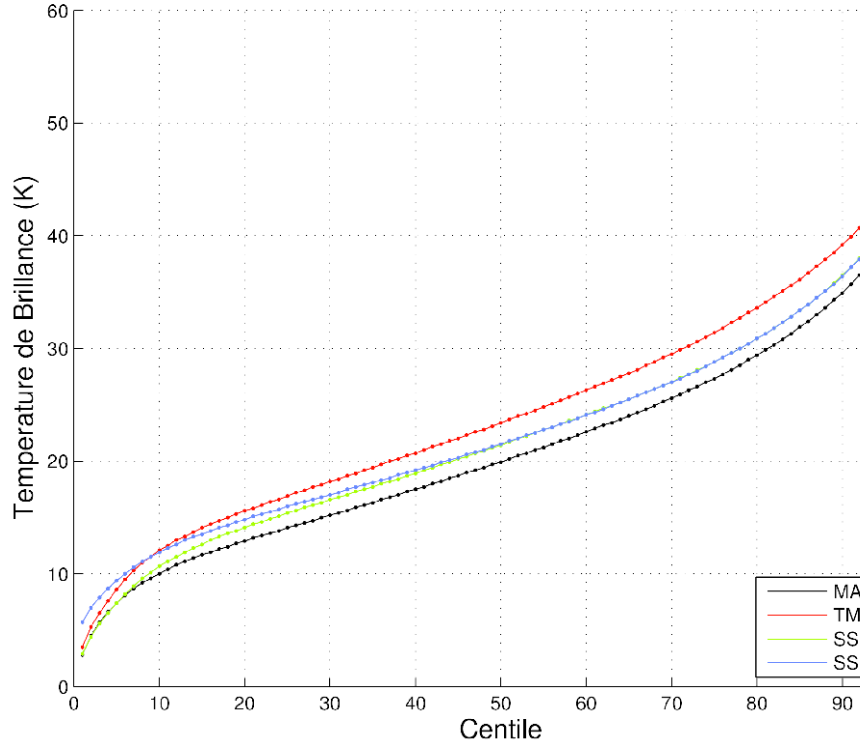
ICARE catalog tool

MADRAS MIIMADOLIAZ C1 product availability



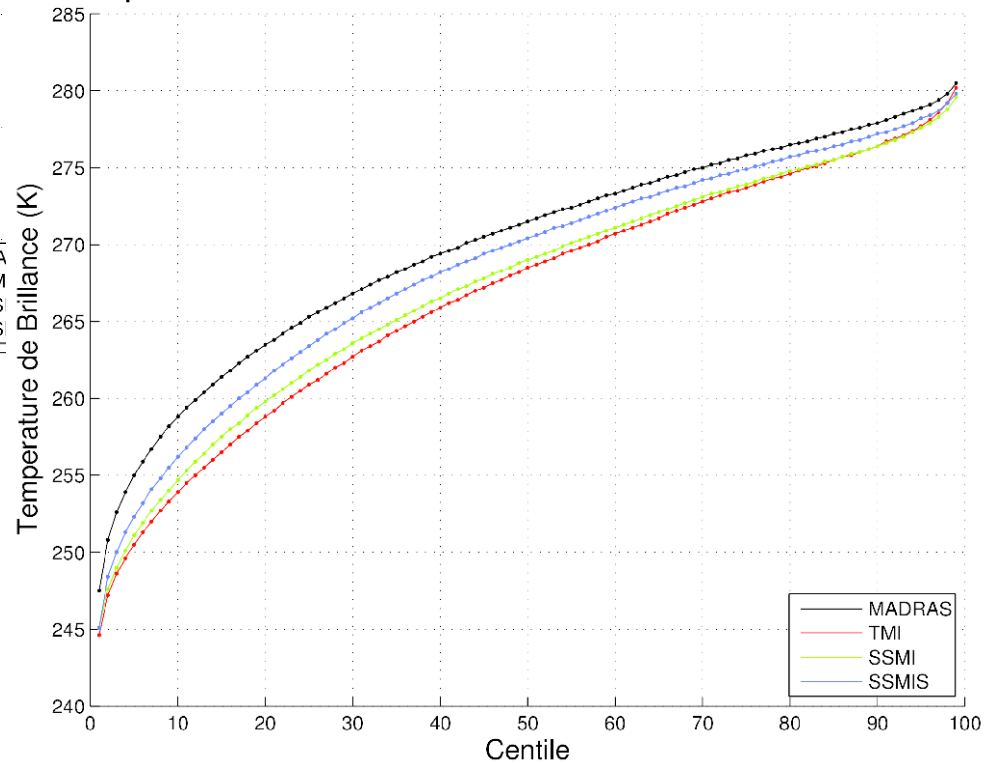
V1.05, all available in June 2012

TB par centile – 85 GHz V-H – 01/06 au 30/06 2012 – Ocean



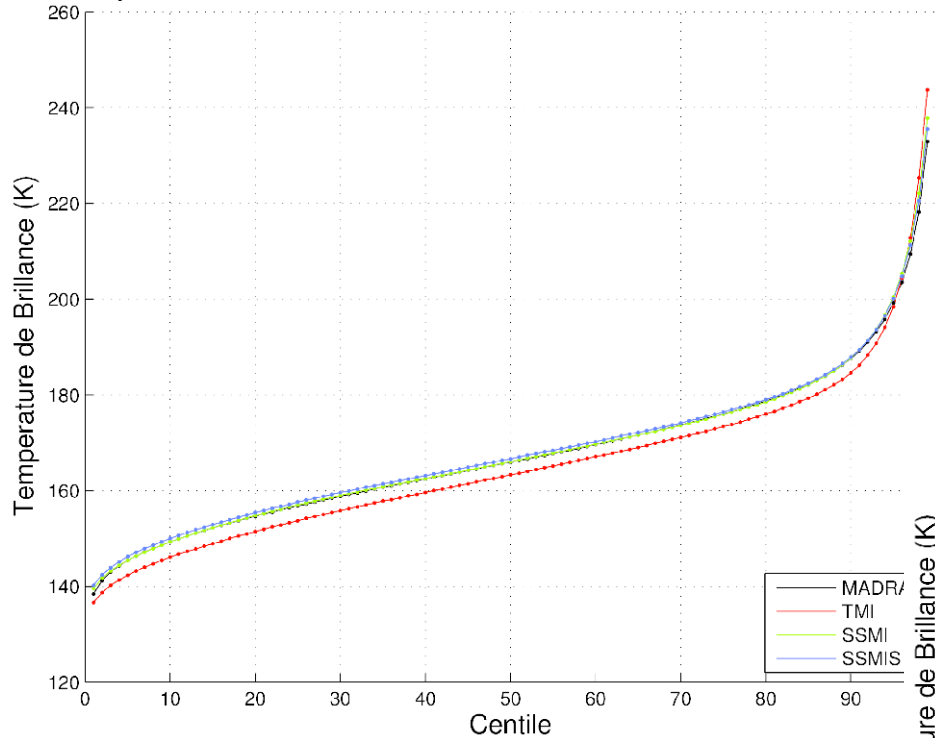
Inter-satellite histogram comparisons

TB par centile – 85 GHz V – 01/06 au 30/06 2012 – Ocean



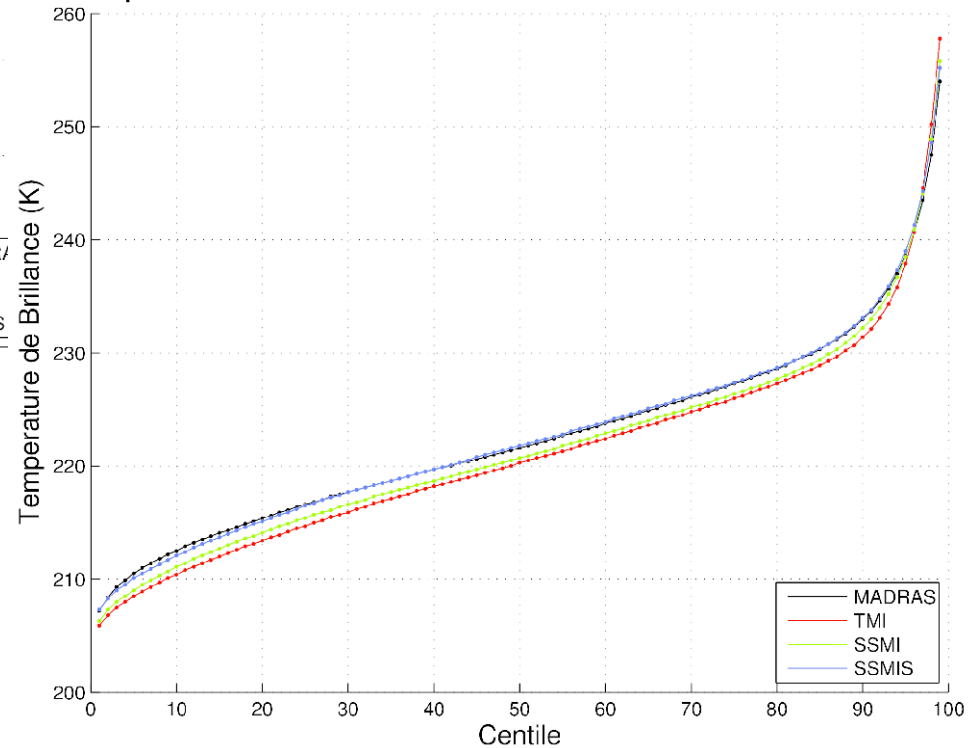
V1.05, all available in June 2012

TB par centile – 37 GHz H – 01/06 au 30/06 2012 – Ocean



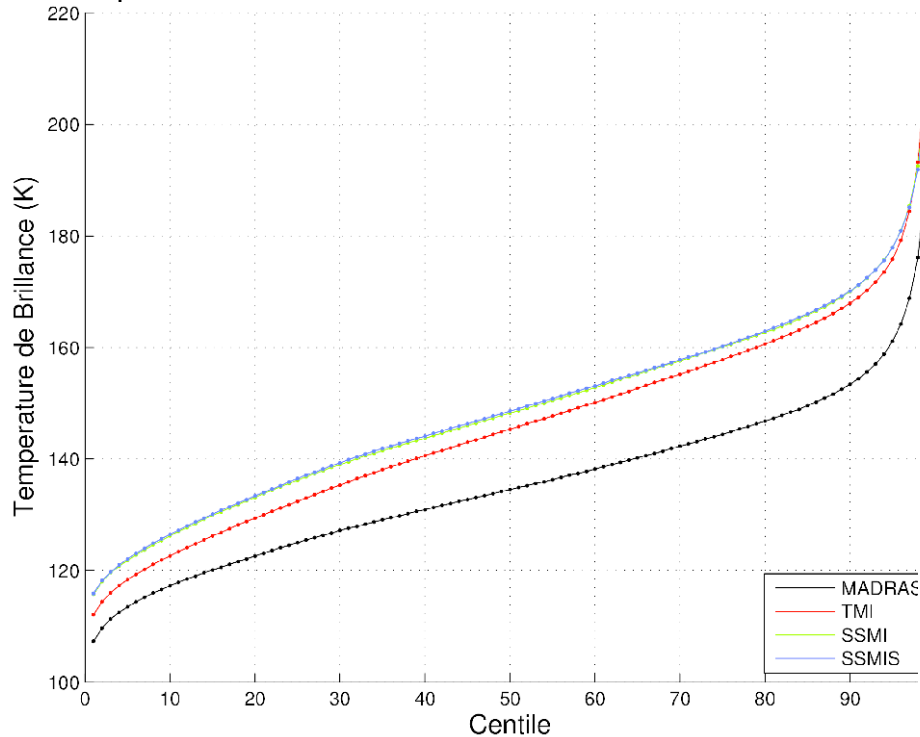
Inter-satellite histogram comparisons

TB par centile – 37 GHz V – 01/06 au 30/06 2012 – Ocean



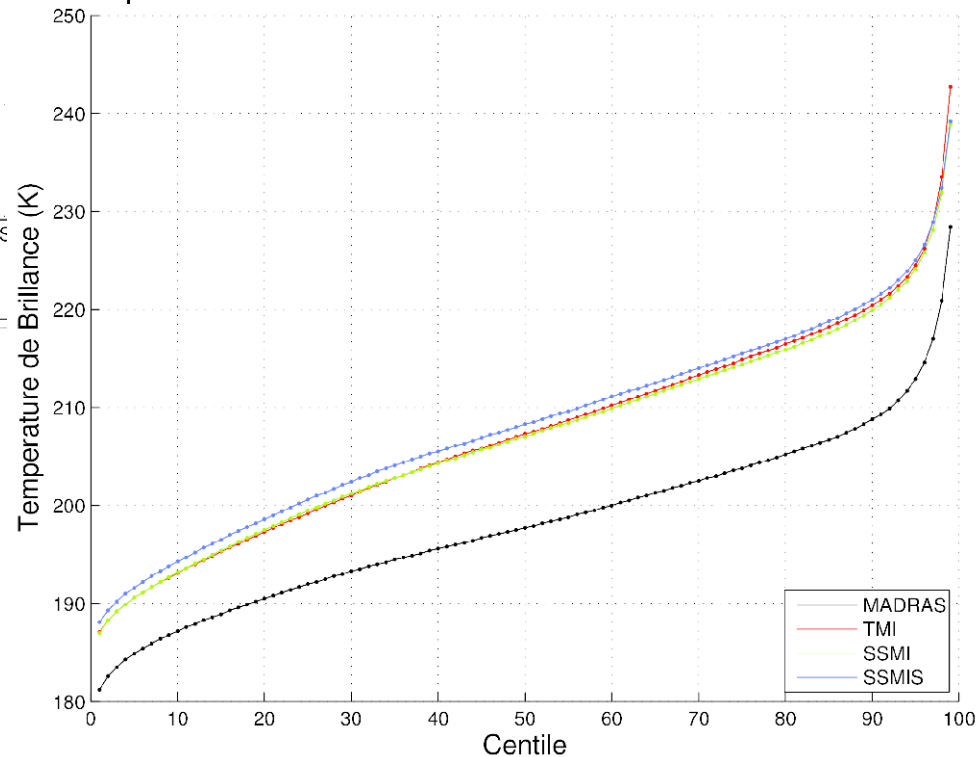
V1.05, all available in June 2012

TB par centile – 19 GHz H – 01/06 au 30/06 2012 – Ocean

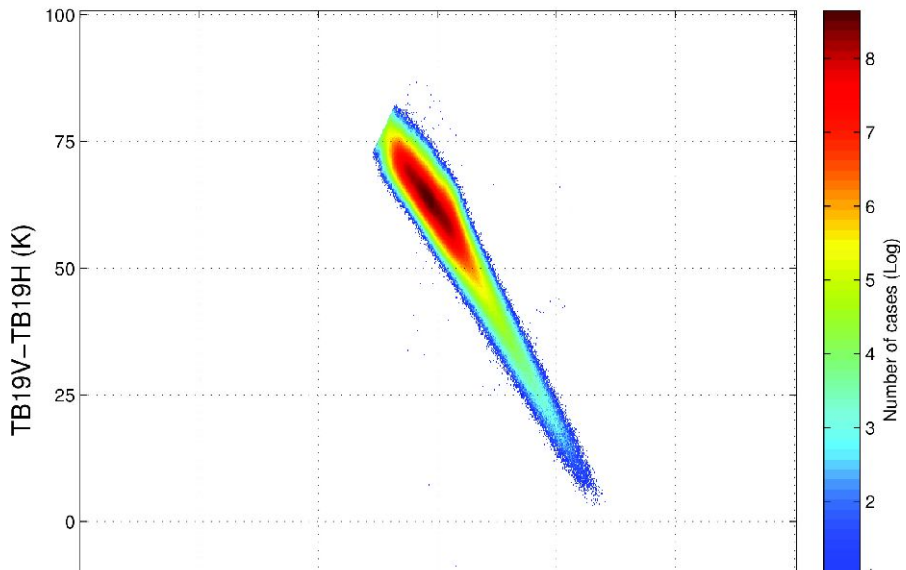


Inter-satellite histogram comparisons

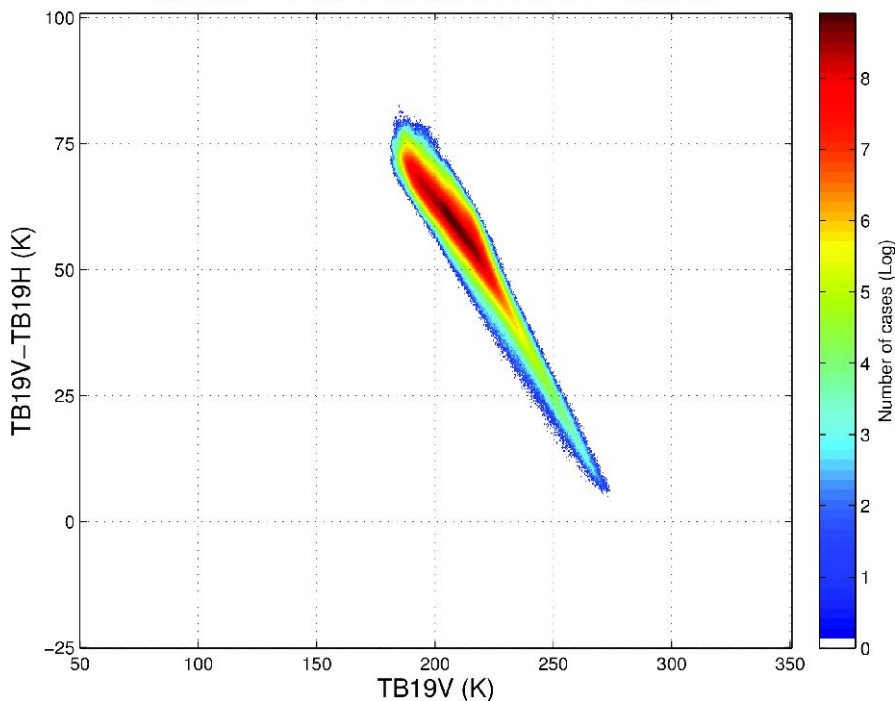
TB par centile – 19 GHz V – 01/06 au 30/06 2012 – Ocean



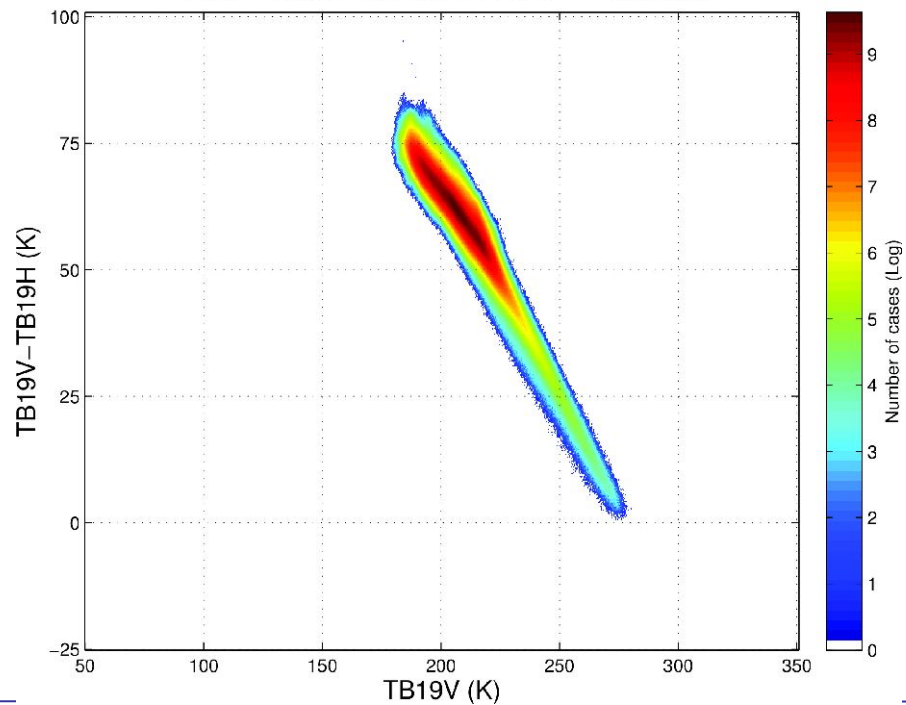
MADRAS – 06/01 au 30/01 2012 – Ocean



SSMIS – 06/01 au 30/01 2012 – Ocean

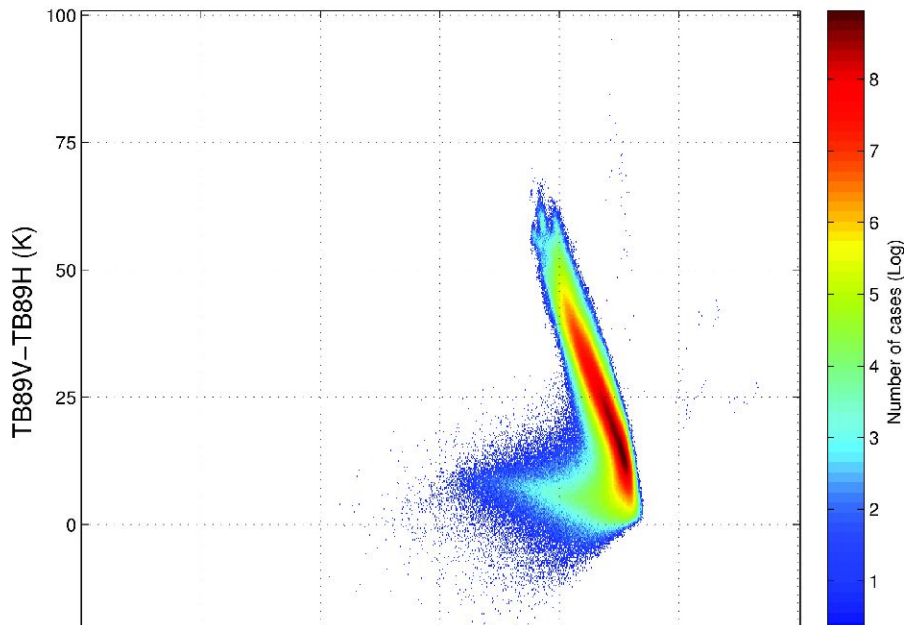


TMI – 06/01 au 30/01 2012 – Ocean

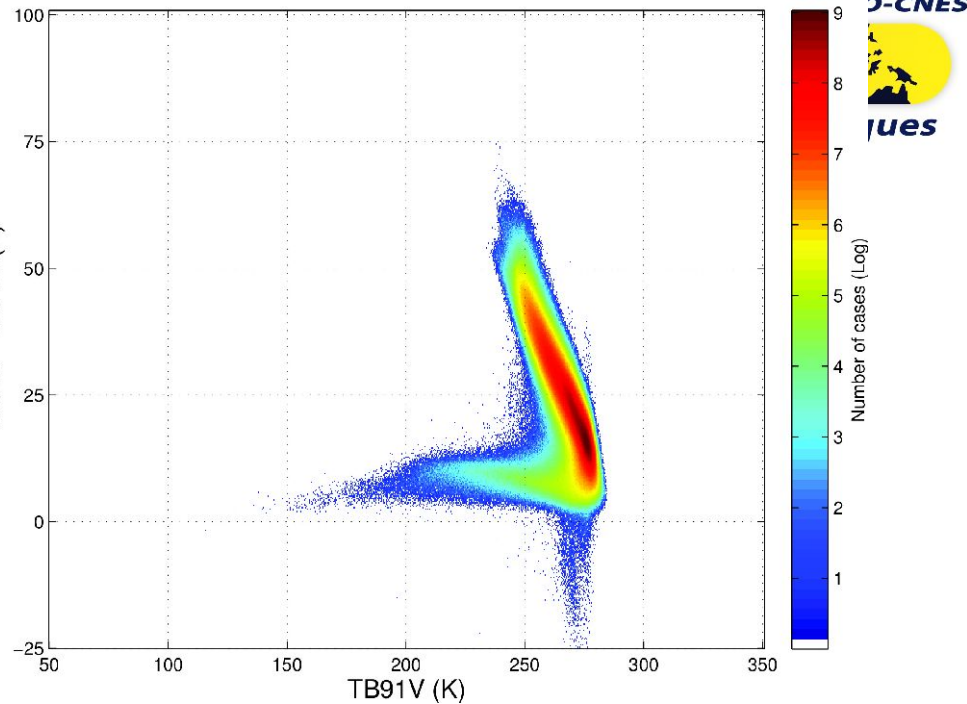


Depolarization V-H as a function of V
Over ocean, 19 GHz

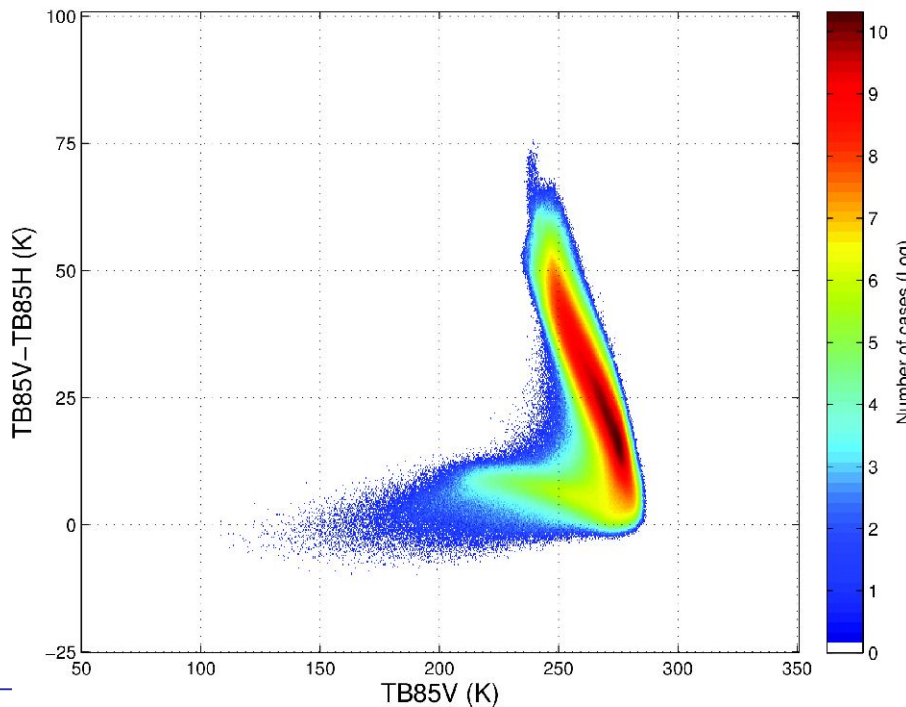
MADRAS – 06/01 au 30/01 2012 – Ocean



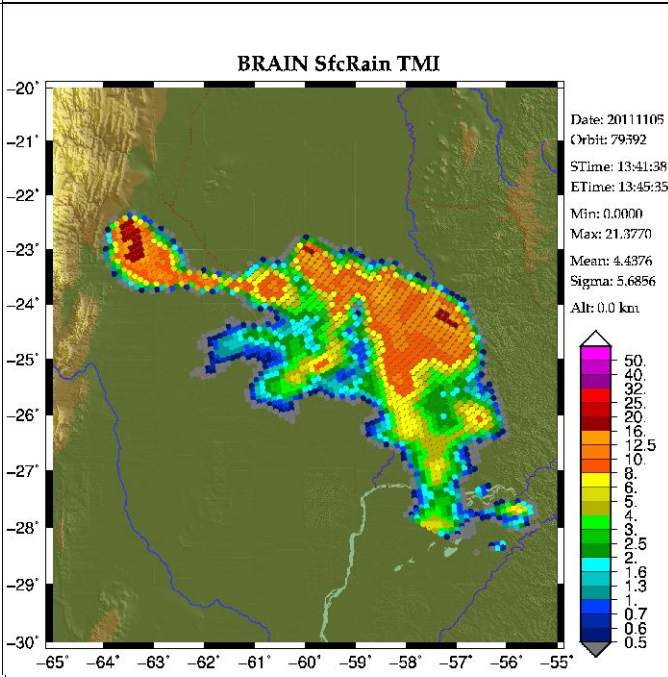
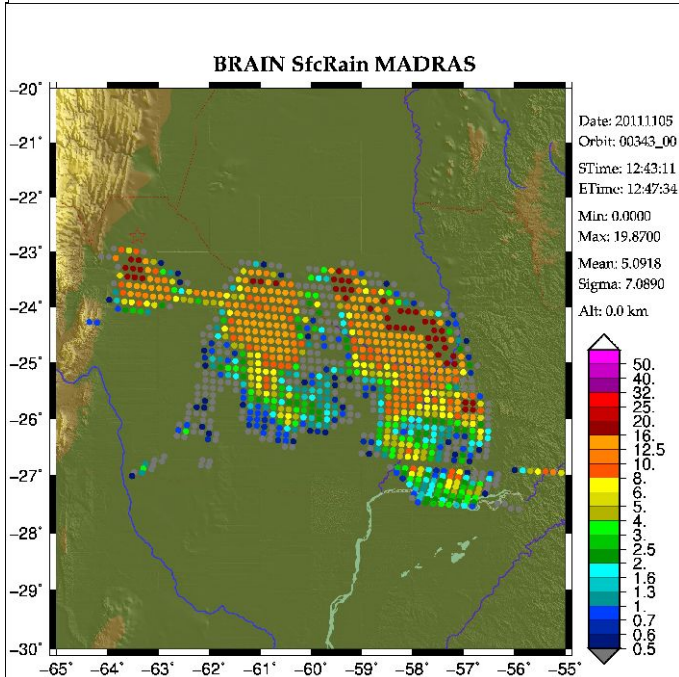
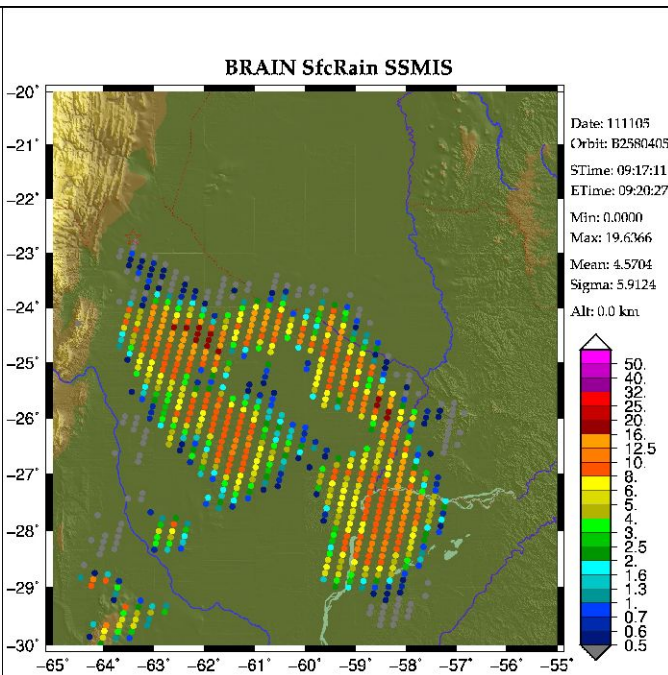
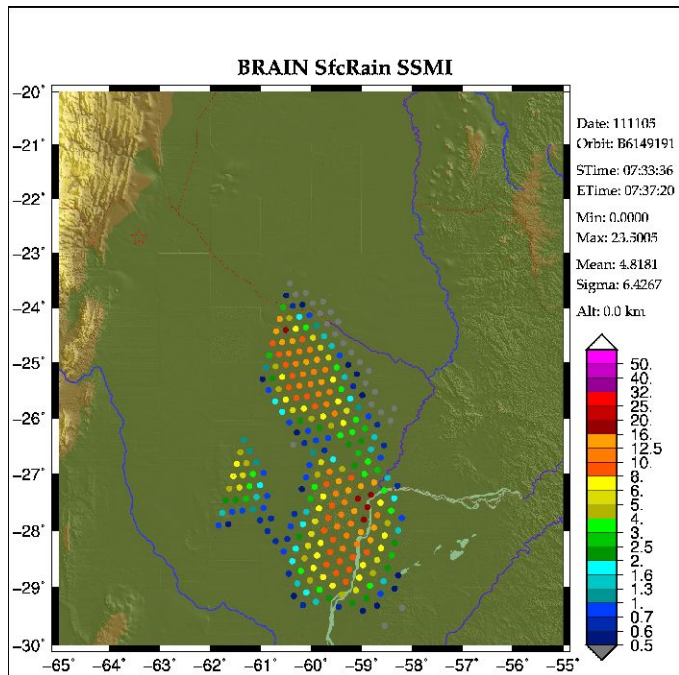
SSMIS – 06/01 au 30/01 2012 – Ocean



TMI – 06/01 au 30/01 2012 – Ocean



Depolarization V-H as a function of V
Over ocean, 85-91 GHz



Cross platform coherence:

- Intensity
- Structure
- Rain/no Rain