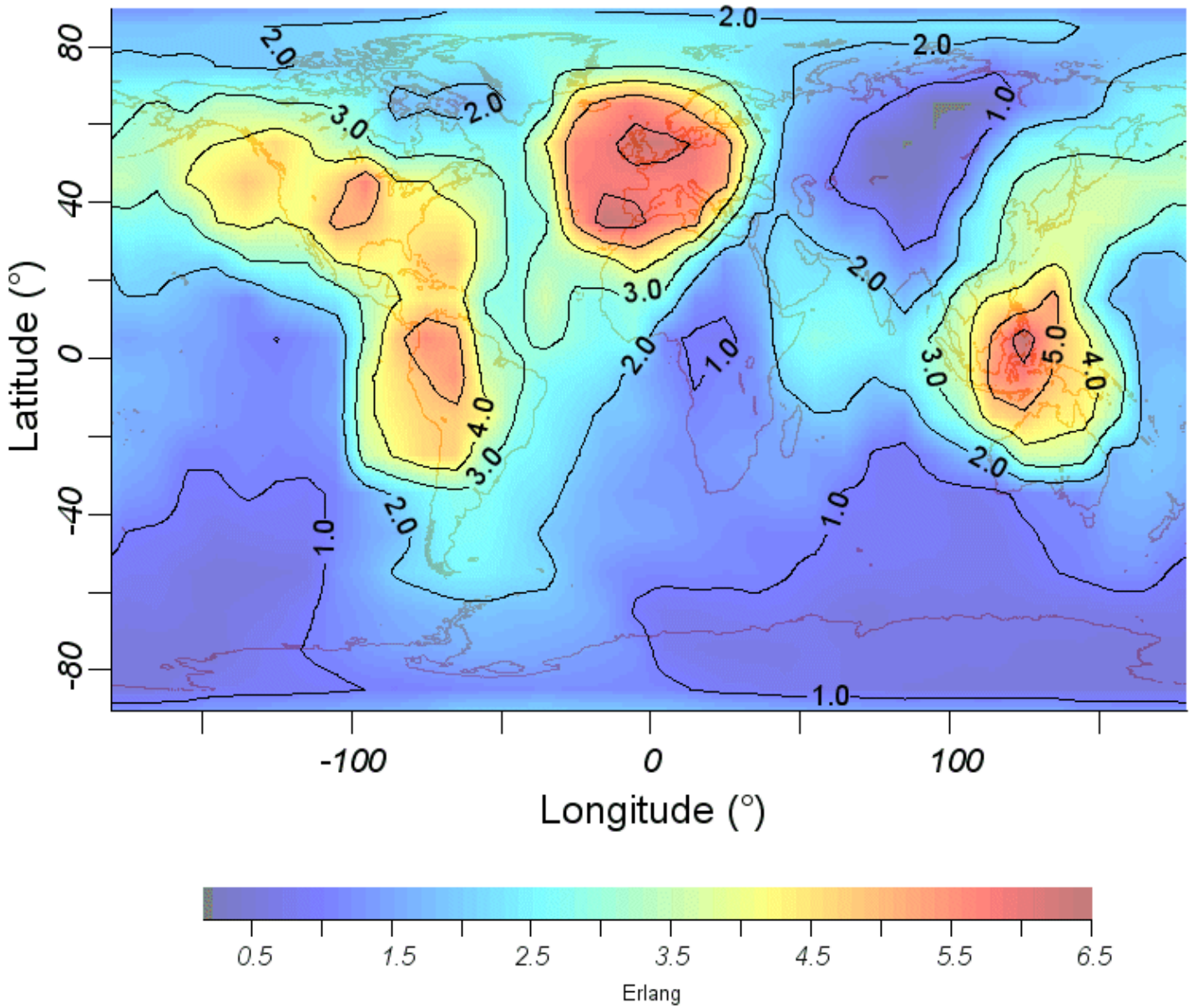
41st Argos Operations Committee Meeting

Saint-Jean-de-Luz, FRANCE

June 5th to 7th, 2007

D4 - System Performance - CNES

System occupancy (All) 2.40 Erlang (2007/04/26) NB : 8602



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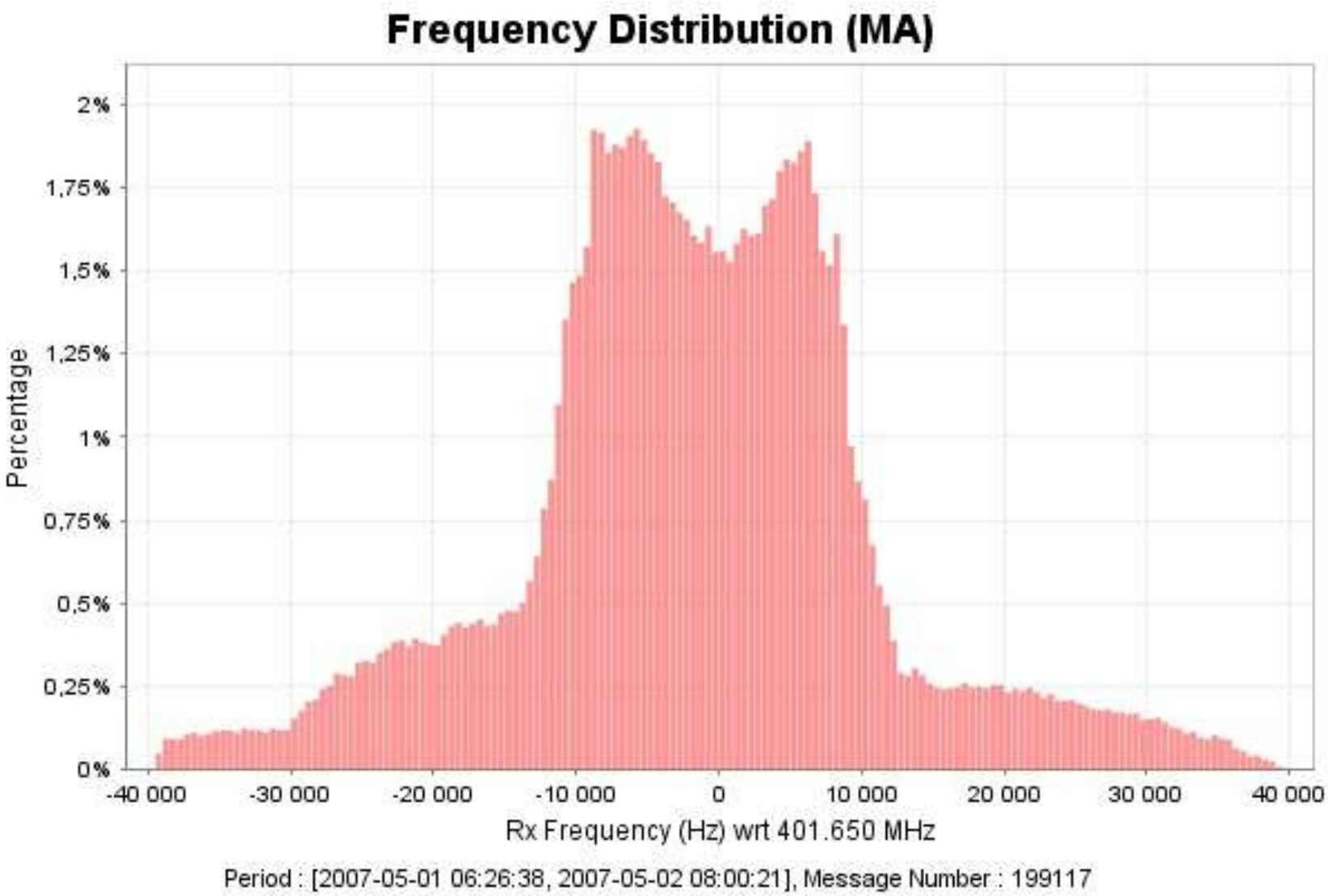
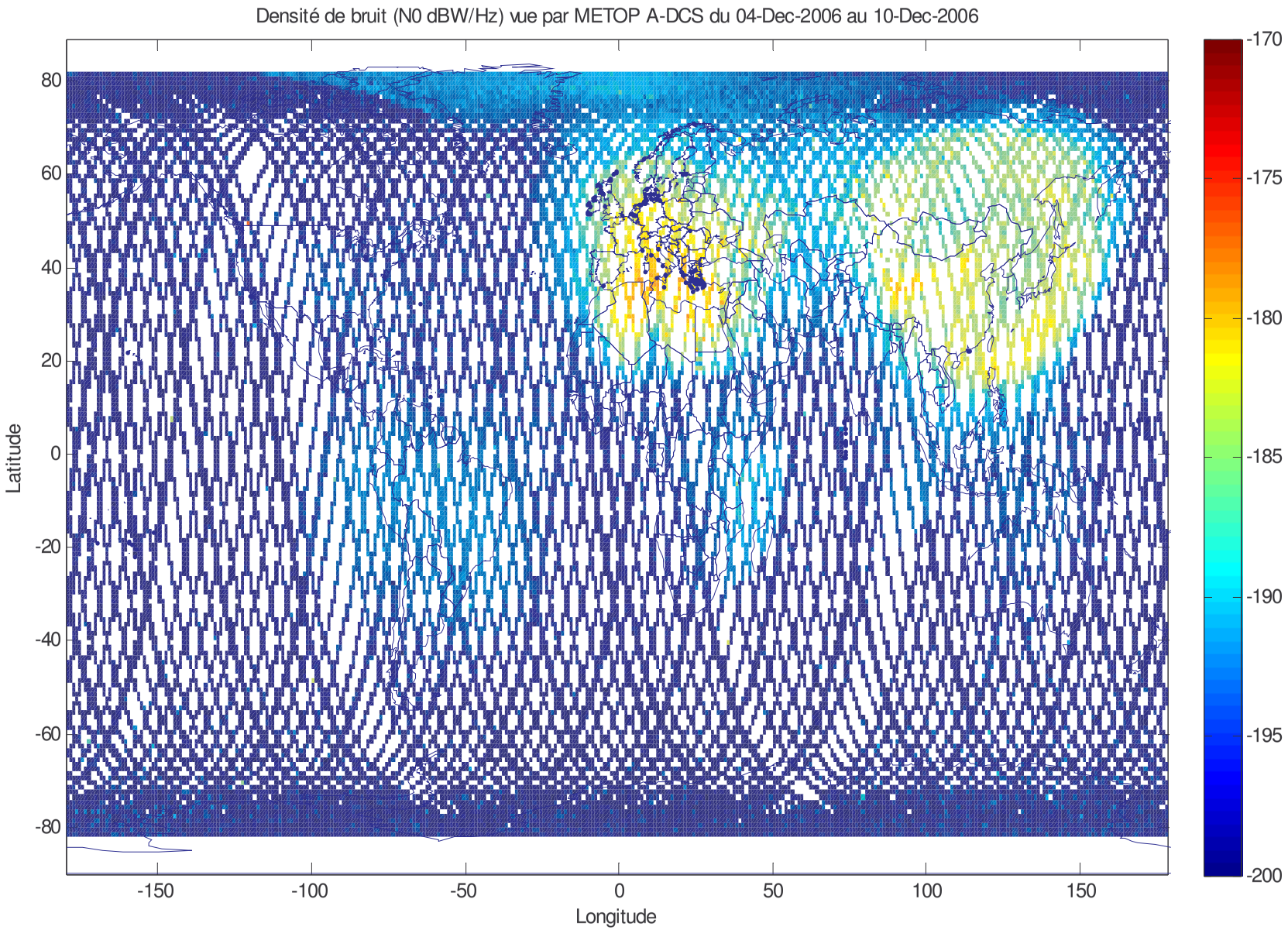
CENTRE NATIONAL D'ÉTUDES SPATIALES

ARGOS
LOCALISATION SATELLITES

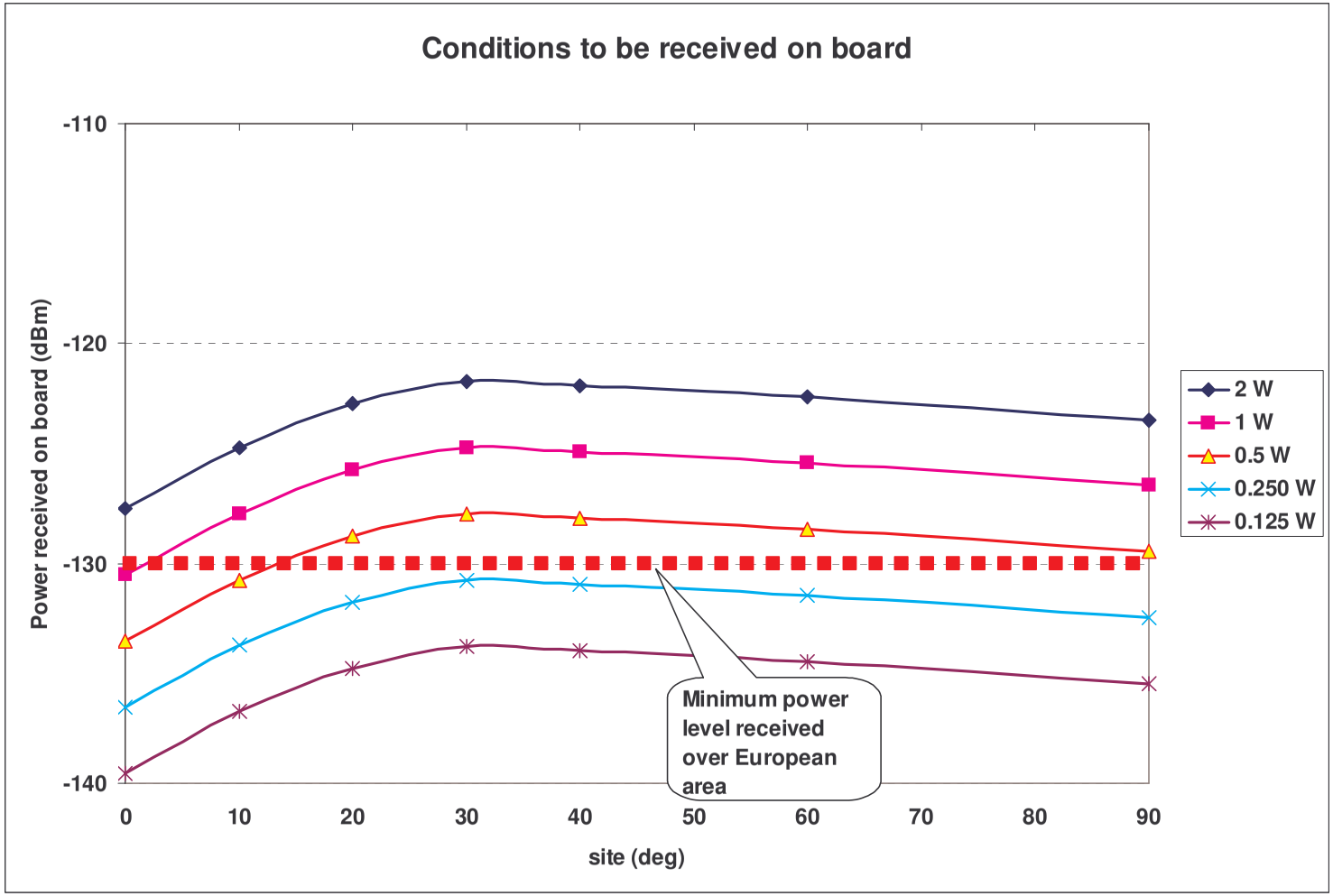


Frequency spreading for Standard platforms (@ 400 bps)

Noise and interference environment measured by the A-DCS

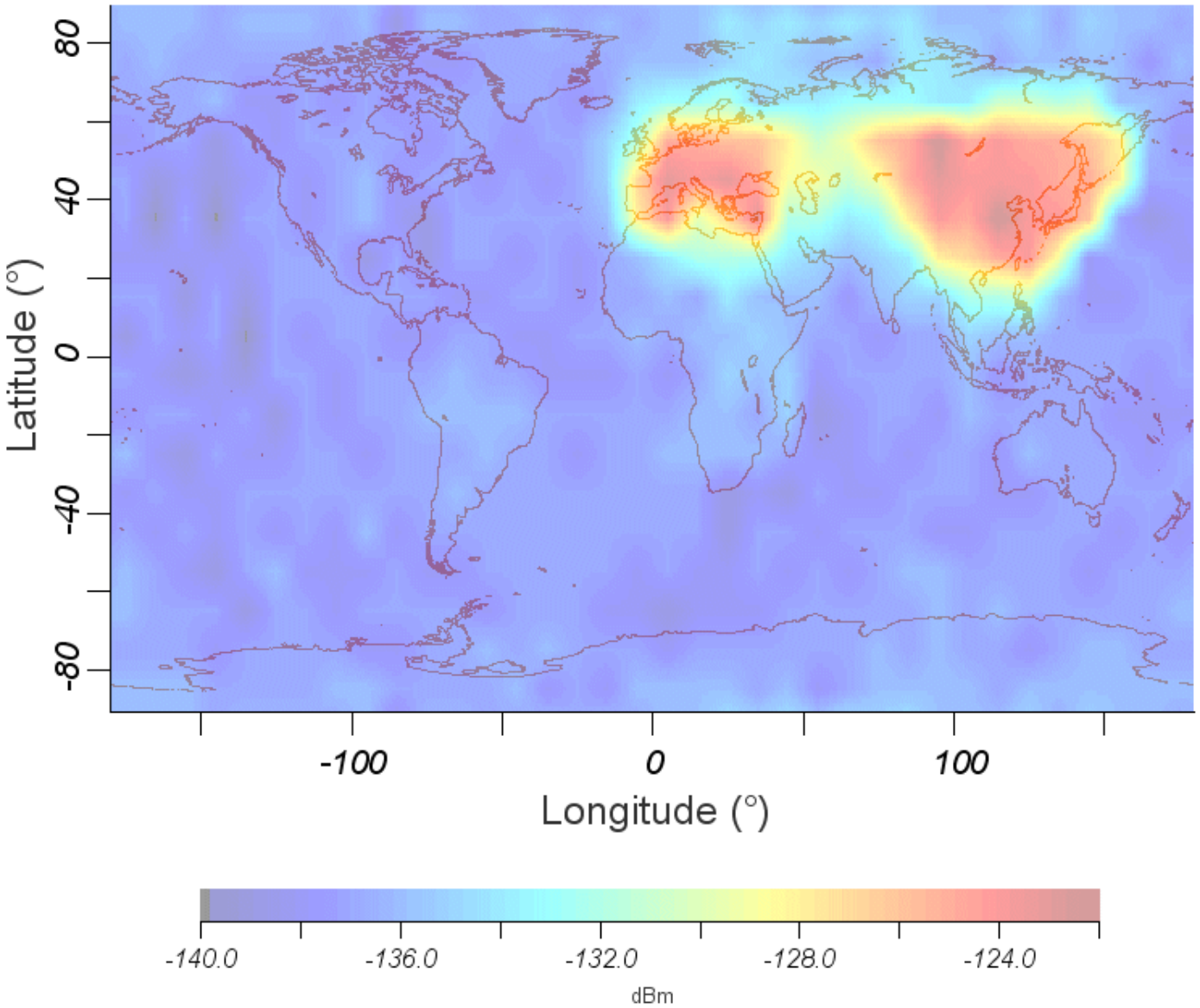


Interferers in the Argos Band

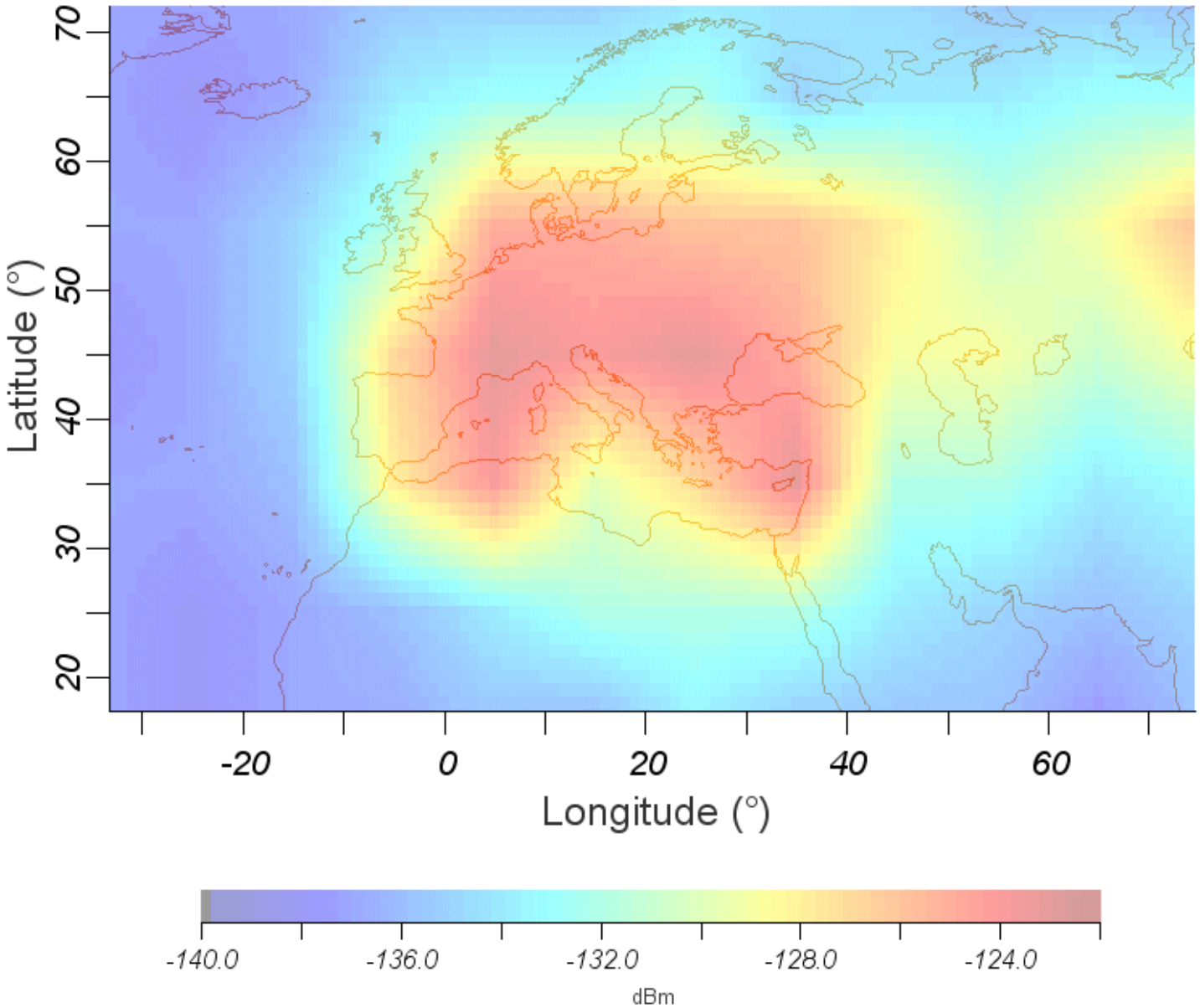


Above Europe (mainly above Mediterranean area and Central Europe) degradation of the Argos performance mainly for the beacons having a low transmitted power (< 1 Watt).

Min power level (sat MA) during [23 avr. 2007 - 03 mai 2007]



Min power level (sat MA) during [23 avr. 2007 - 03 mai 2007]



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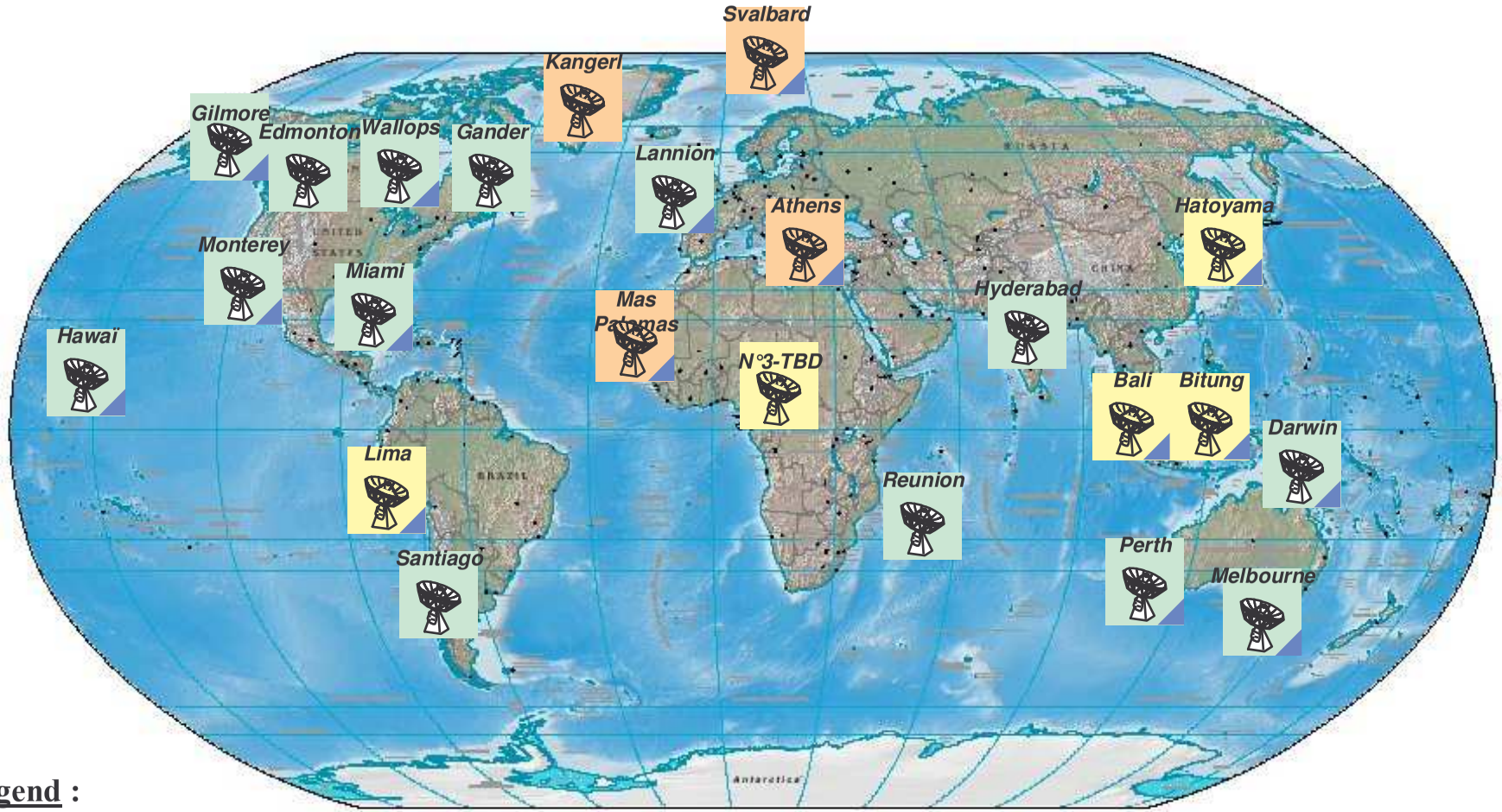
ARGOS
COLLECTE LOCALISATION SATELLITES

EXPECTED NOAA/METOP/SARAL LOCAL NETWORK



Legend :

X	Partnership Station	X	CLS Station	X	EARS Station

for Argos-3 system performance
see Cal/Val phase slides