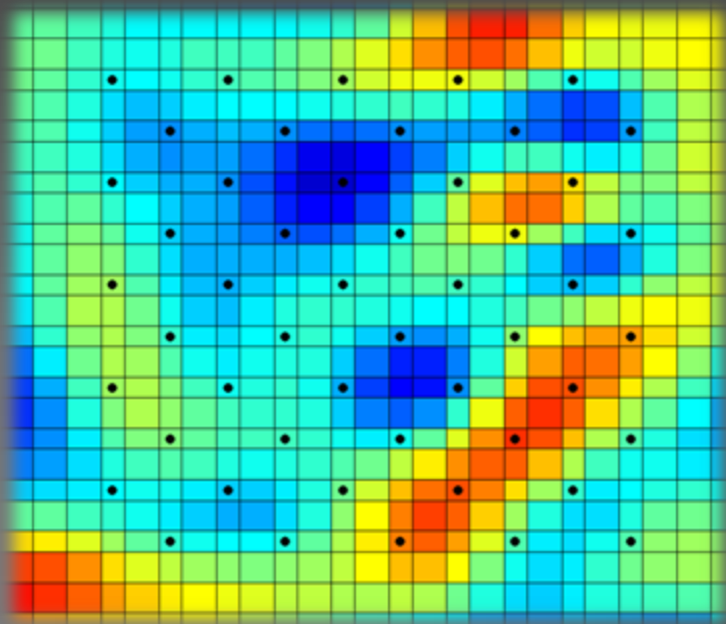
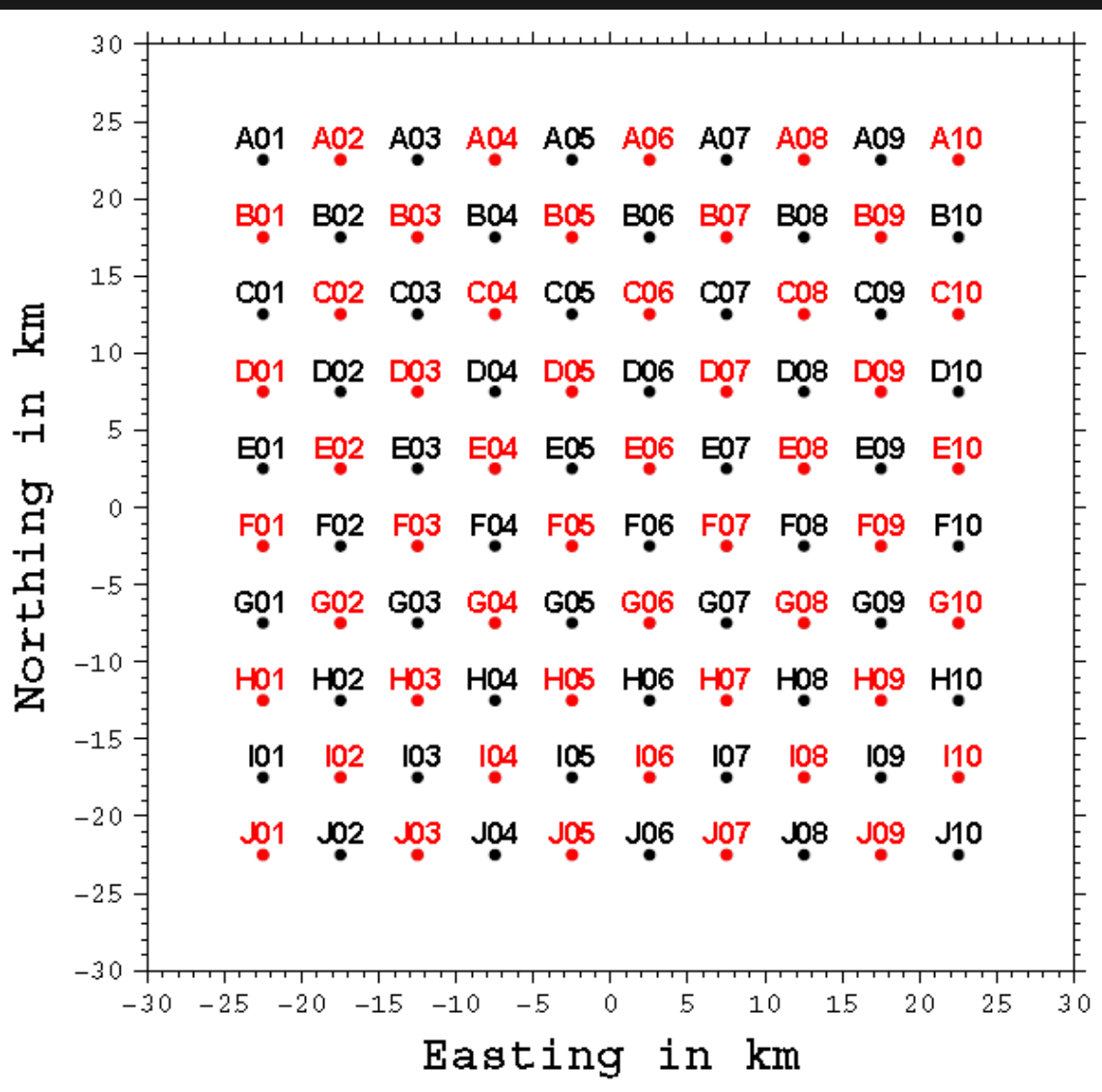


Inversion of the 3D secret model



Marion Miensopust and Xavier Garcia

Used settings – first run



wsinv3dmt

50 sites

11 Periods: 0.1 - 32 s

8 impedance components

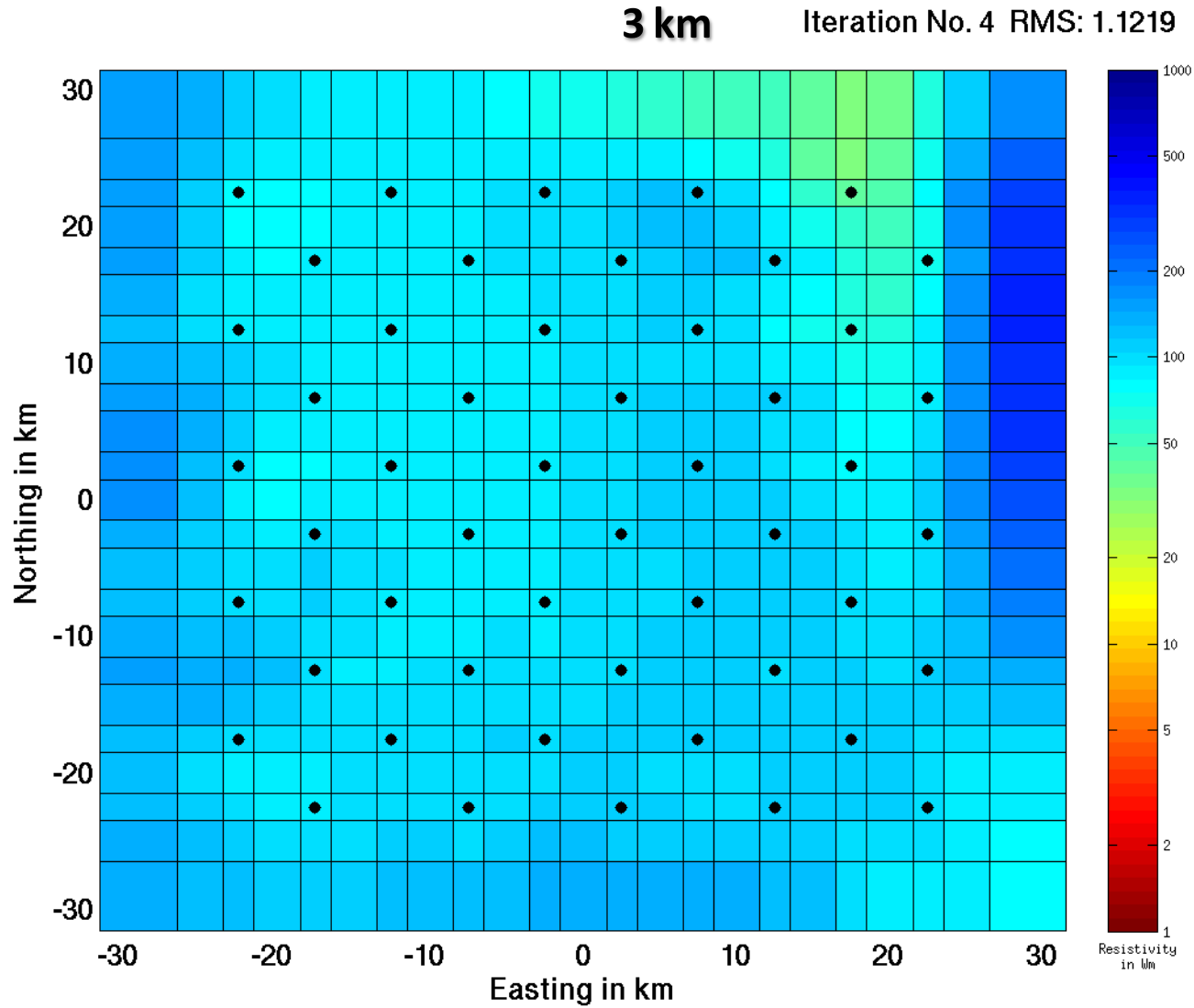
33 x 33 x 18 (+7 air)

CPU time: 24 h 29 min

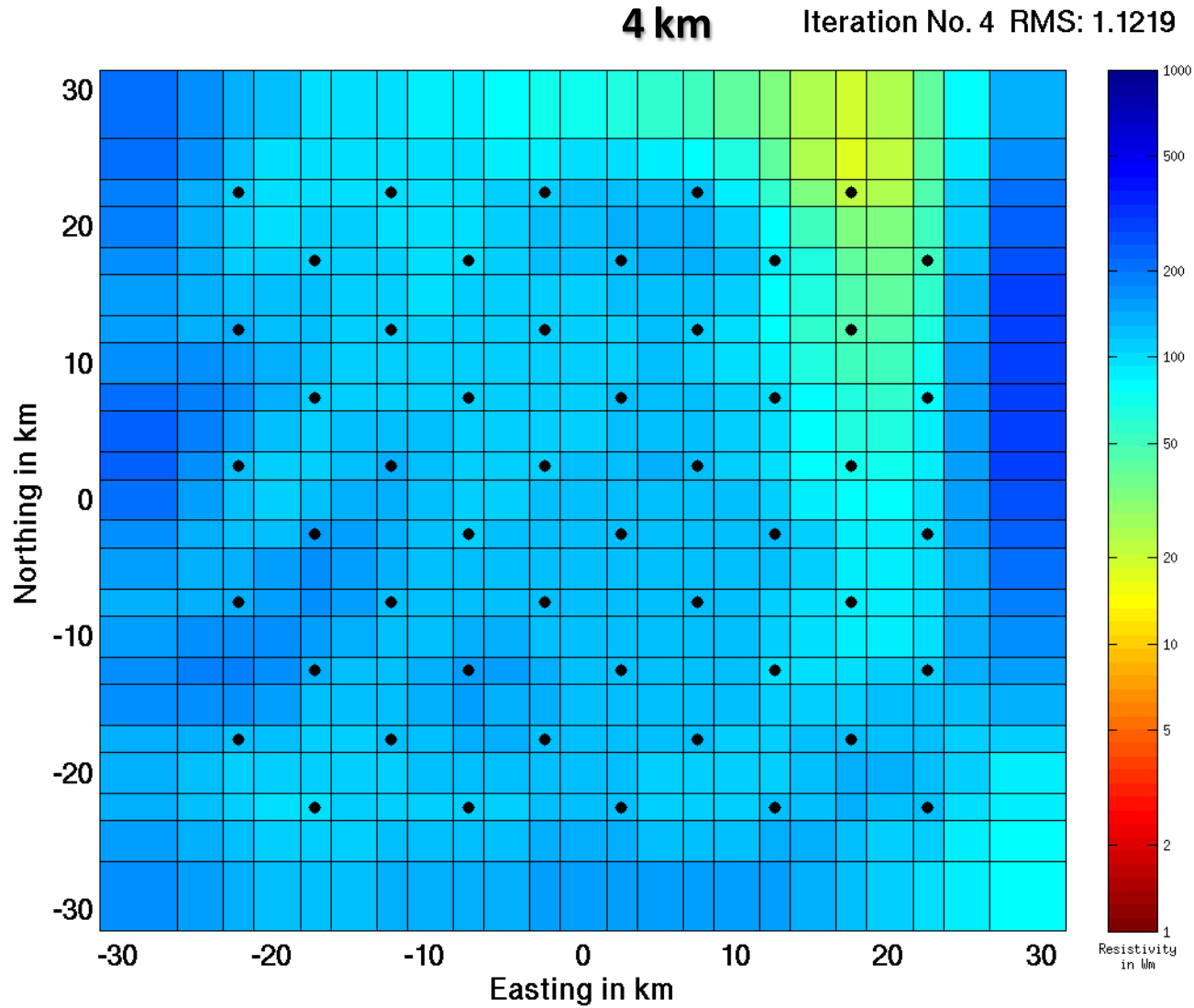
4th iteration

**Quad-Core 2.33 GHz Intel
Xeon, 4GB RAM**

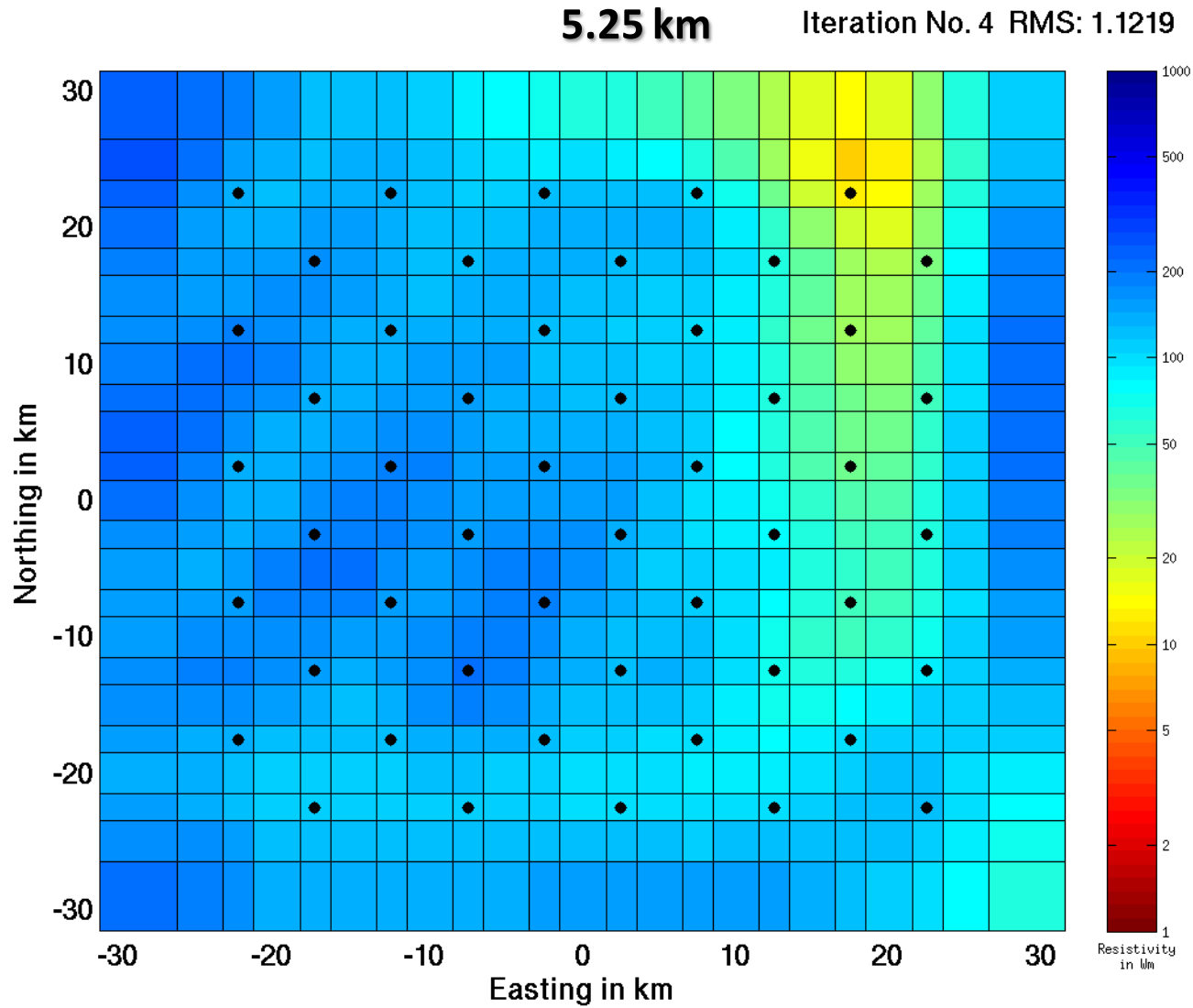
Results first run



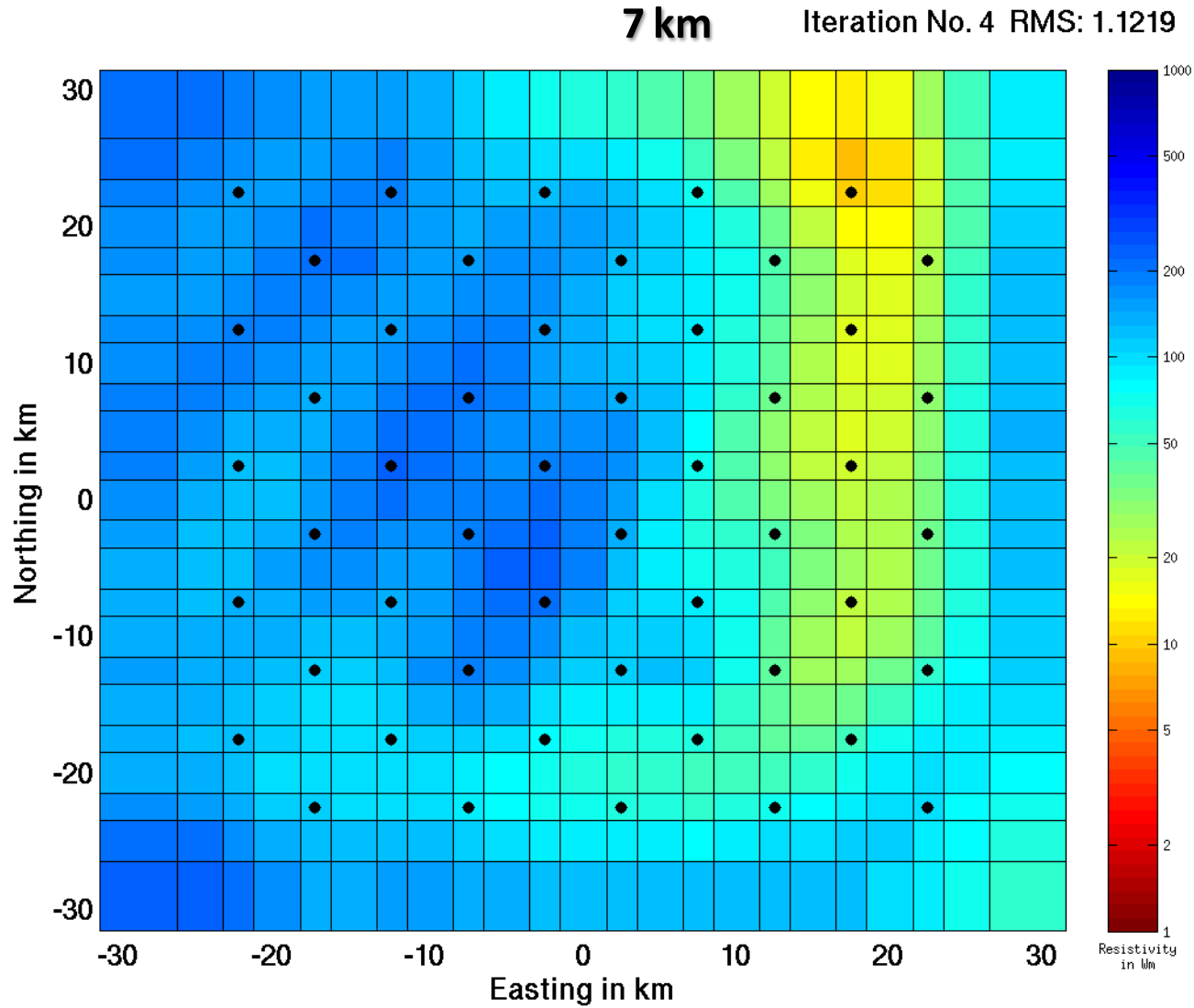
Results first run



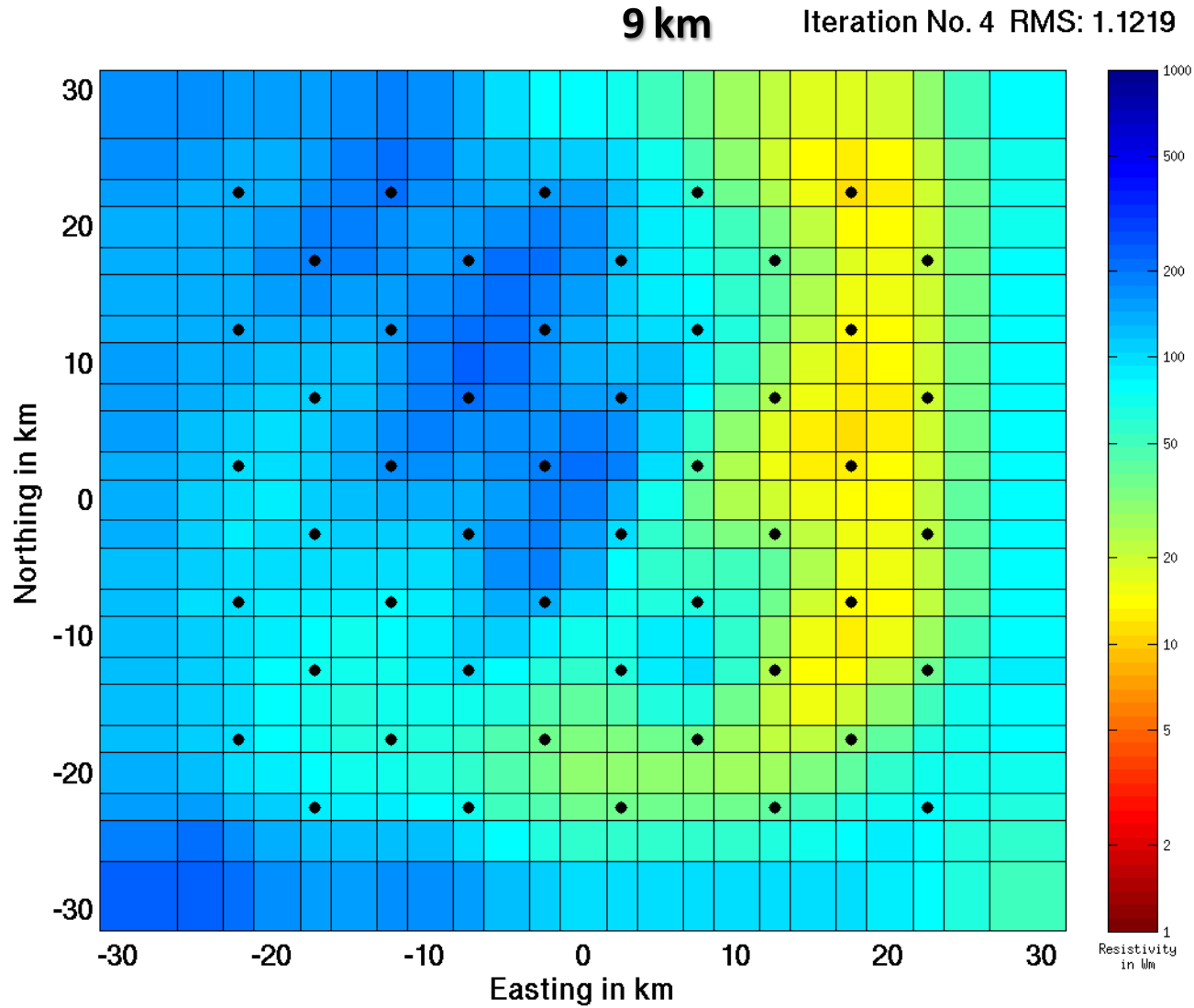
Results first run



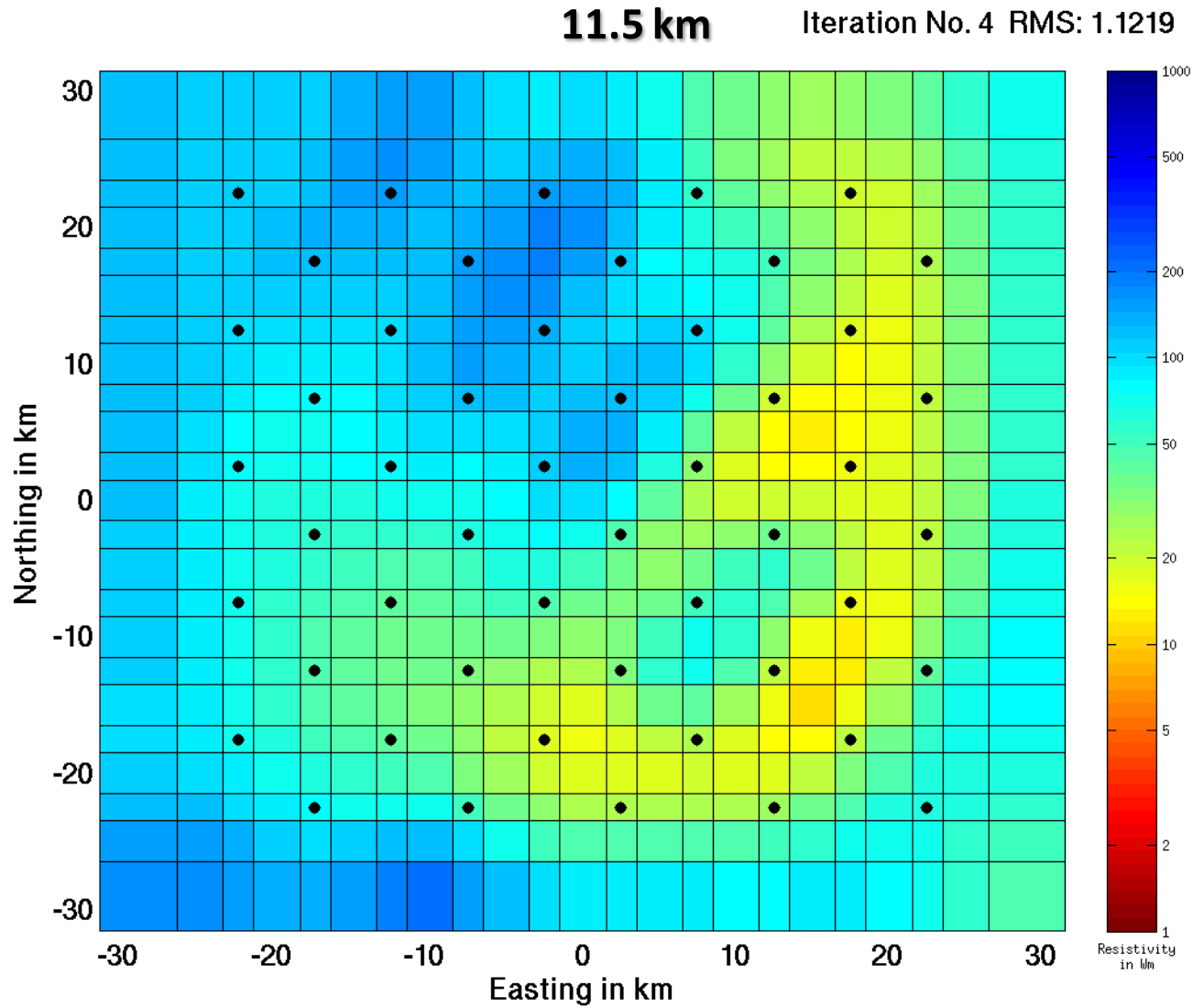
Results first run



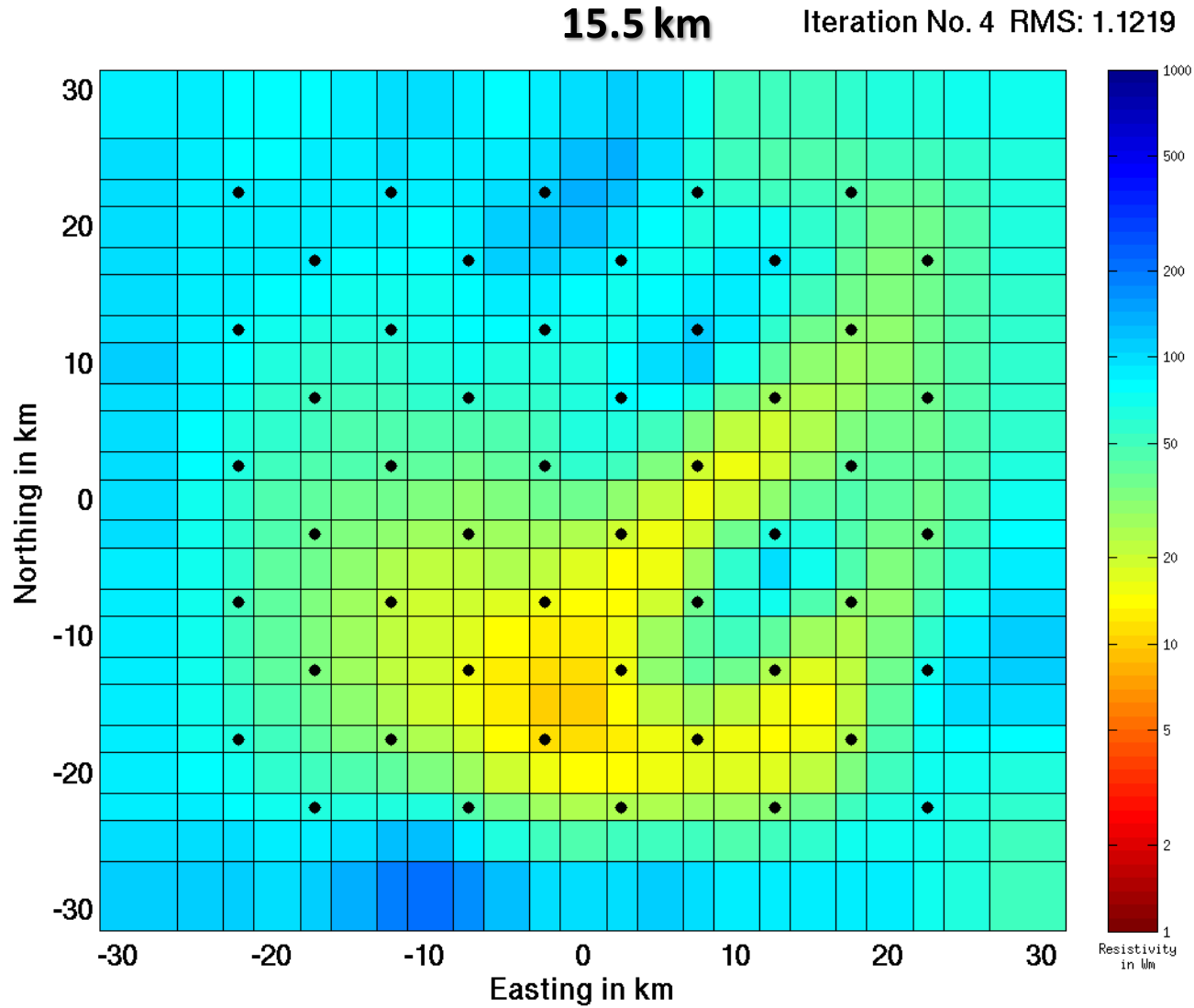
Results first run



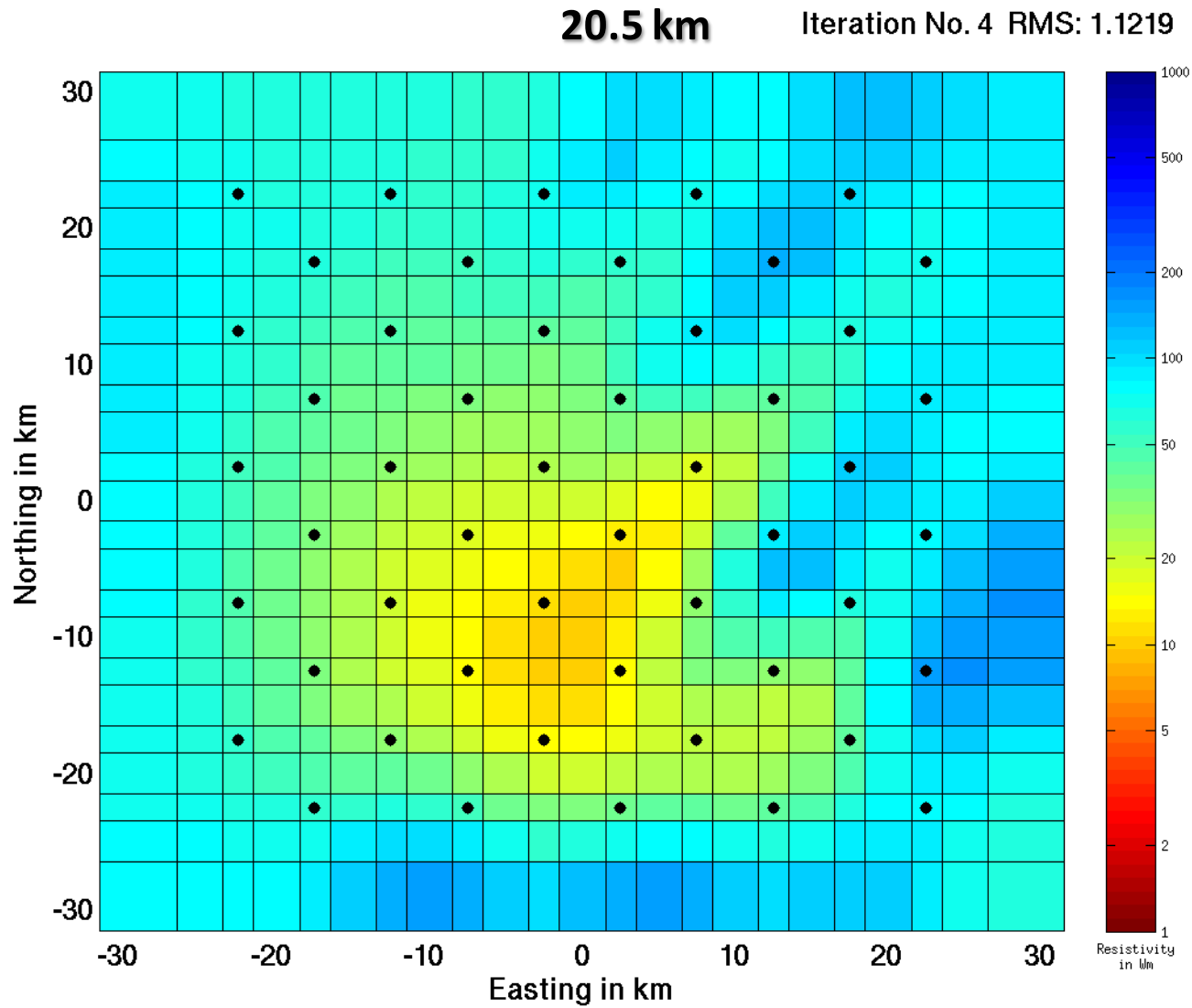
Results first run



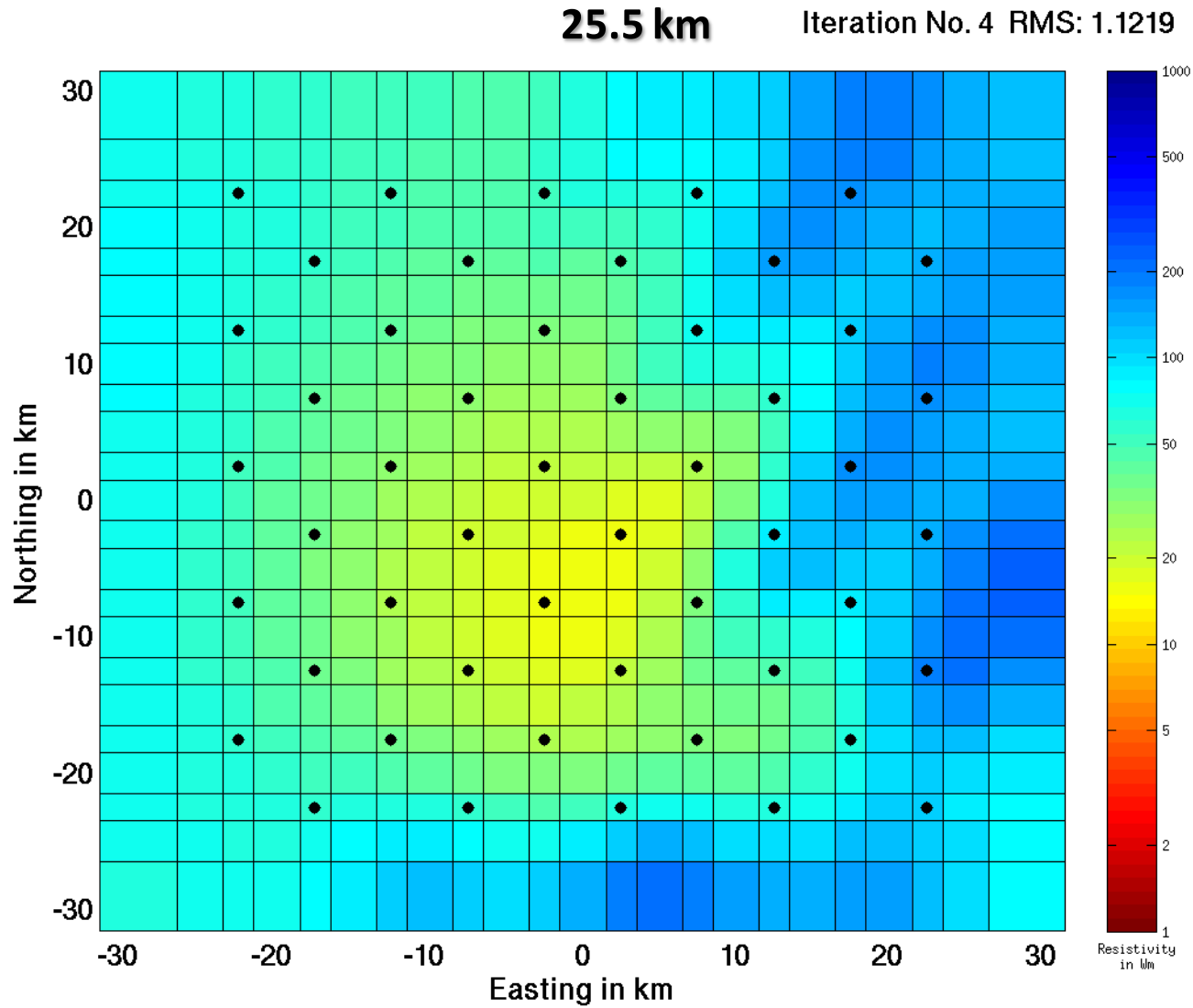
Results first run



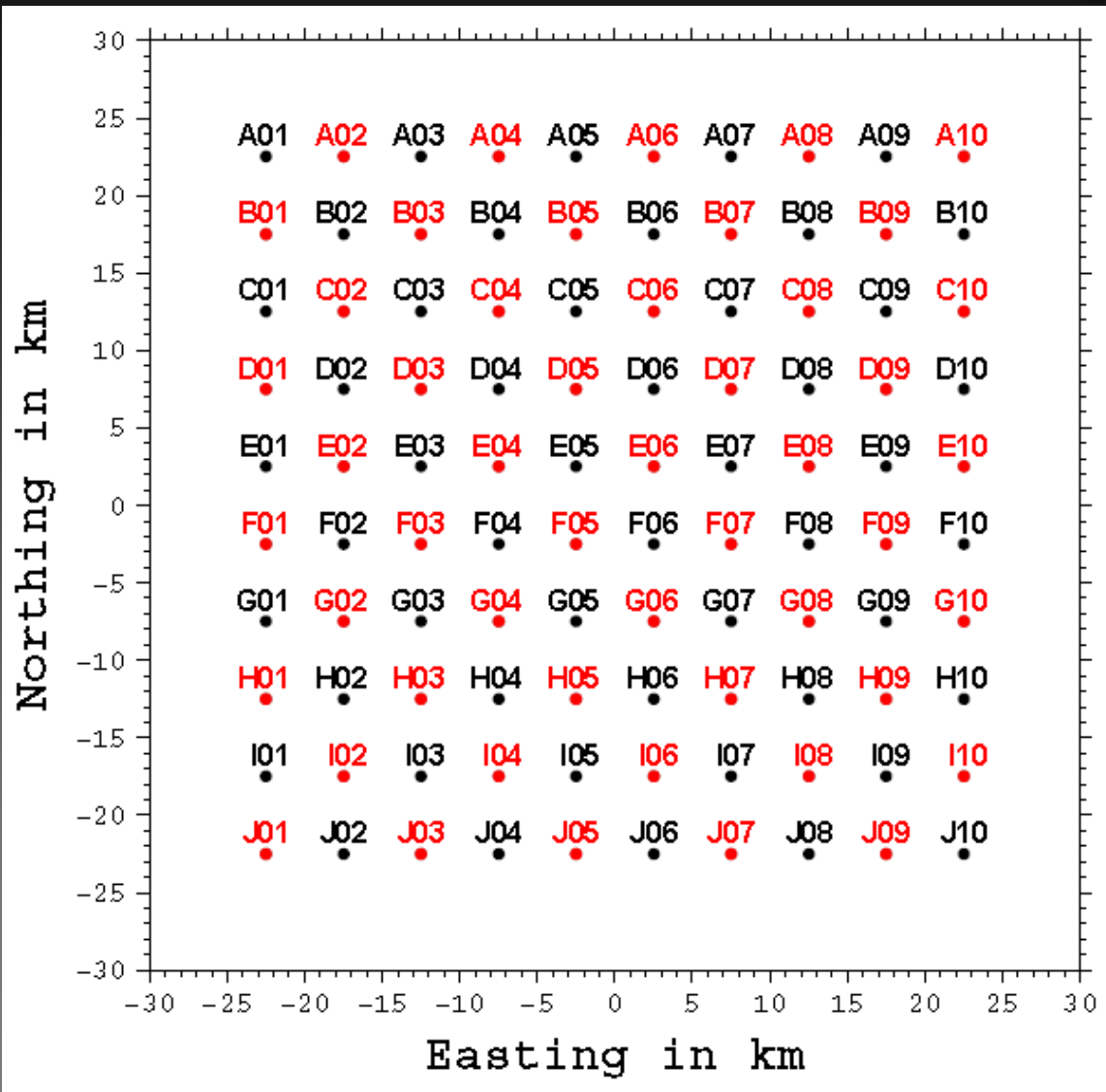
Results first run



Results first run



Used settings – second run



wsinv3dmt

50 sites

11 Periods: 32 - 10000 s

8 impedance components

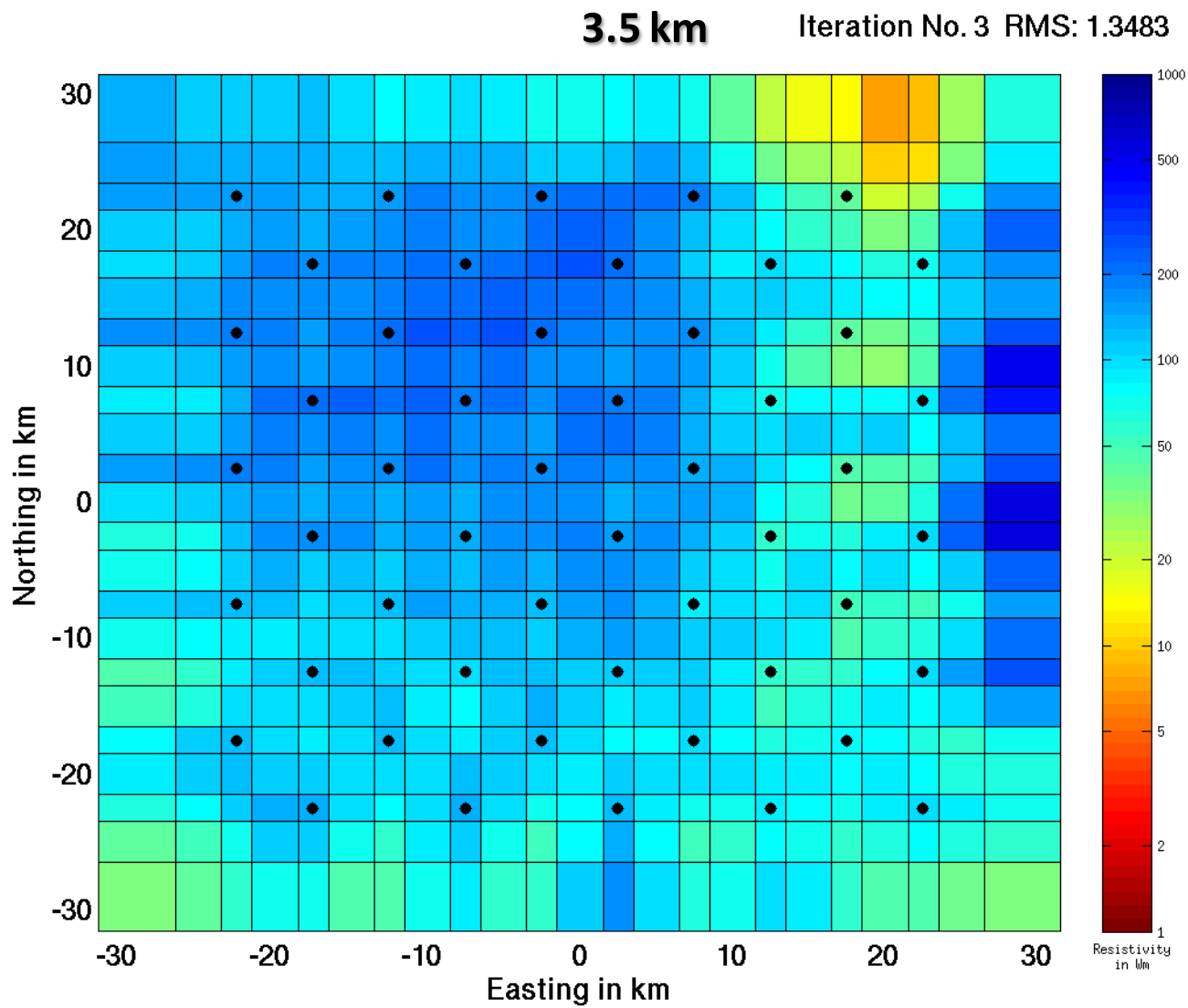
33 x 33 x 18 (+7 air)

CPU time: 21 h 26 min

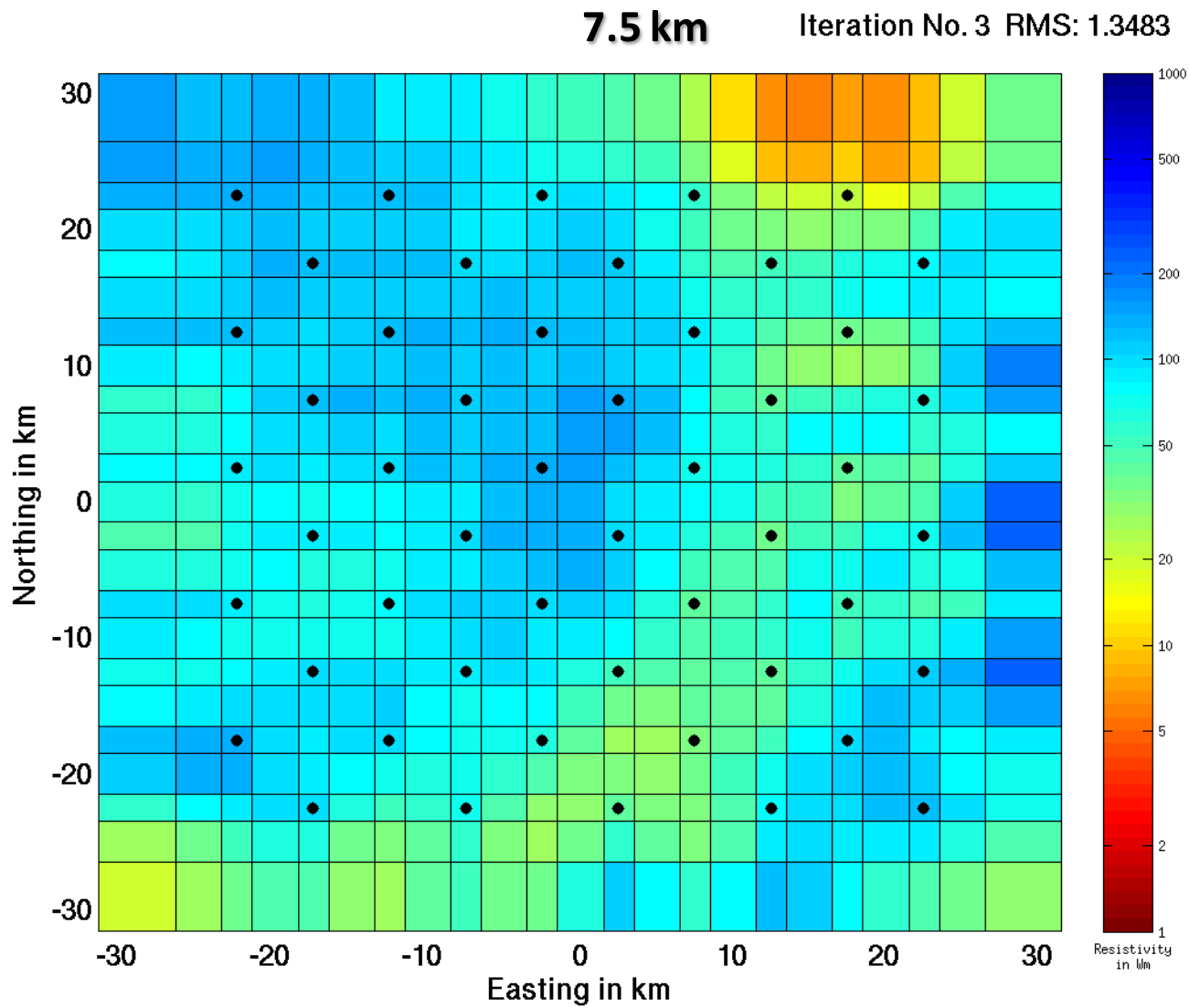
3th iteration

**Quad-Core 2.33 GHz Intel
Xeon, 4GB RAM**

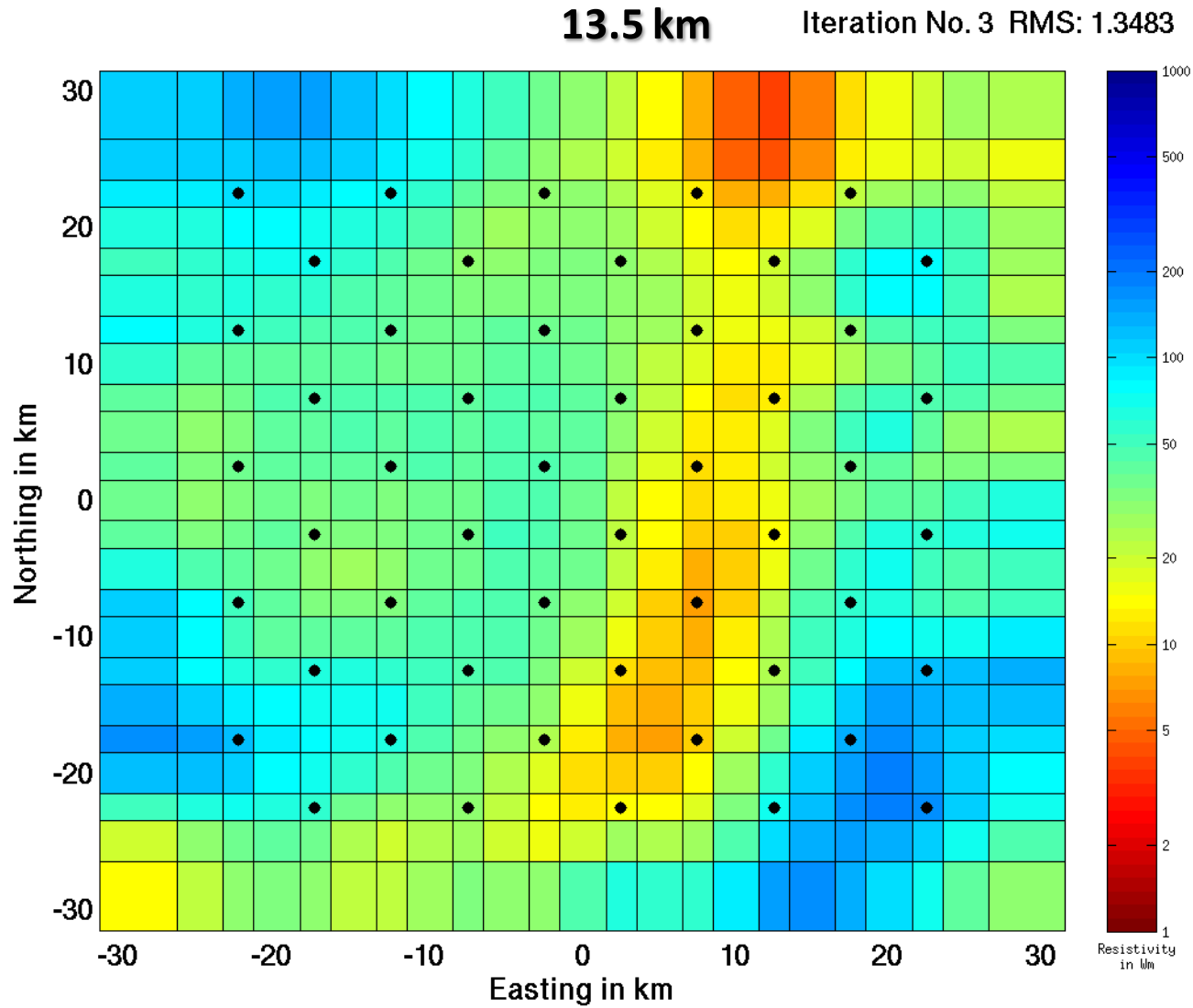
Results second run



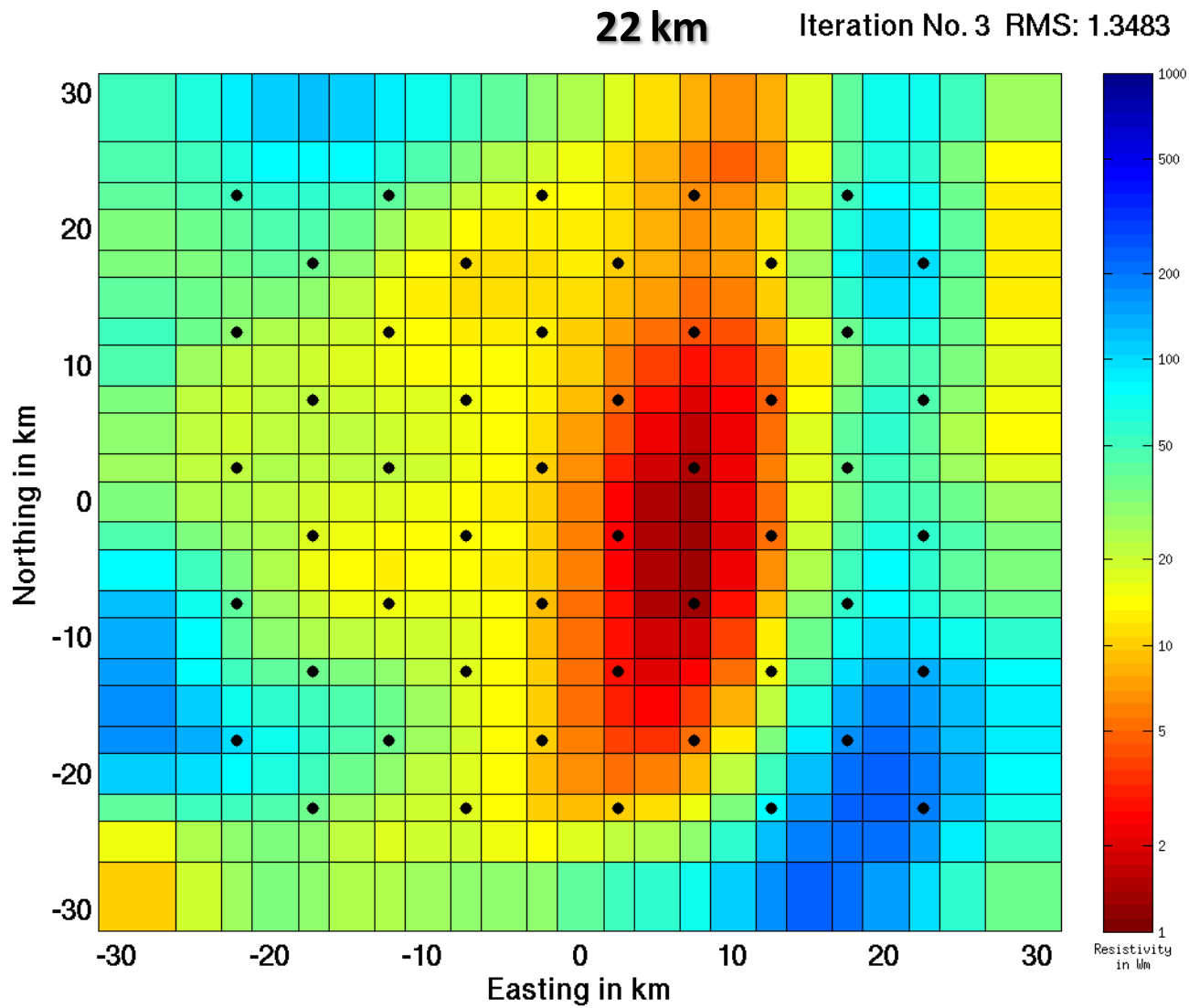
Results second run



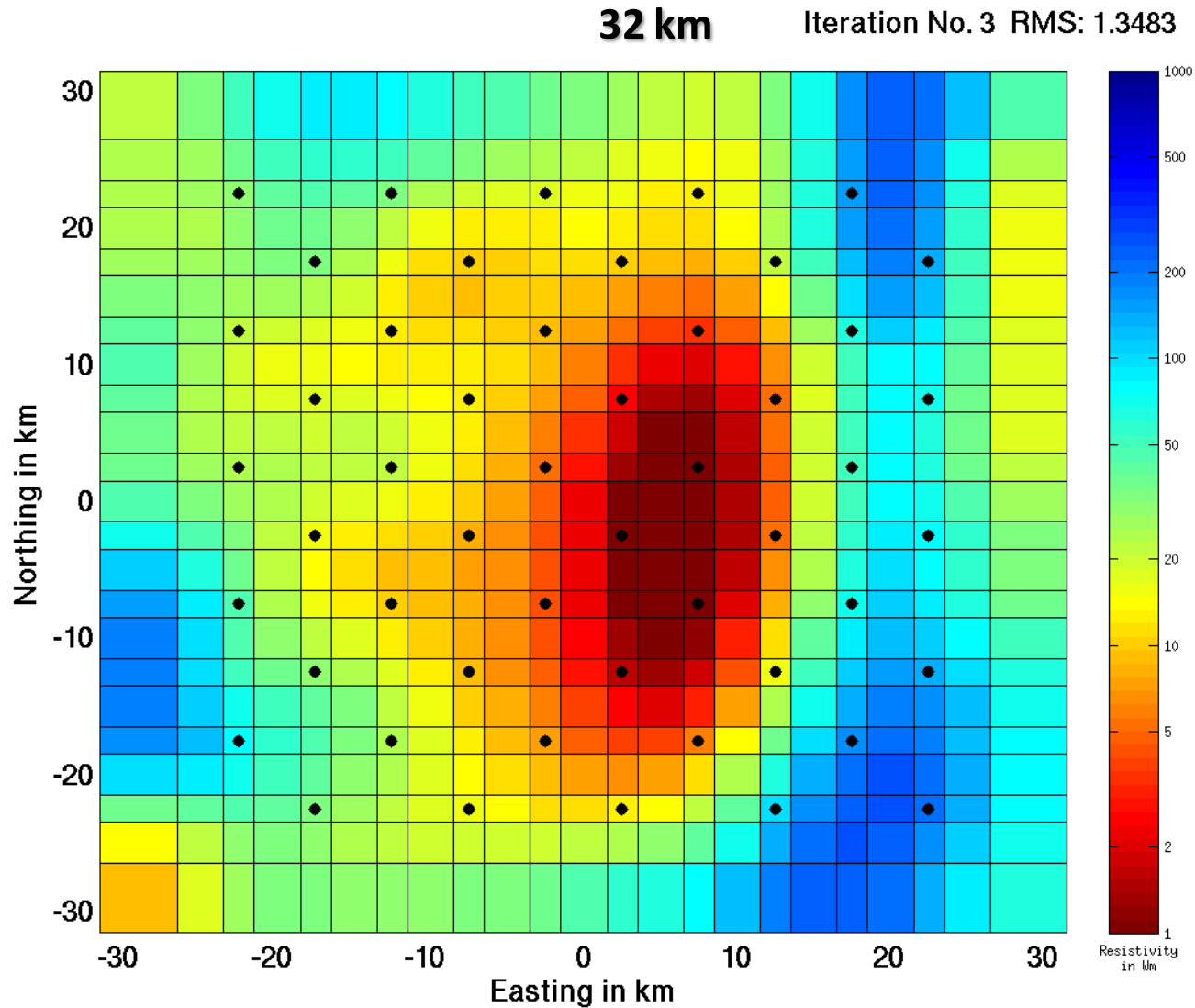
Results second run



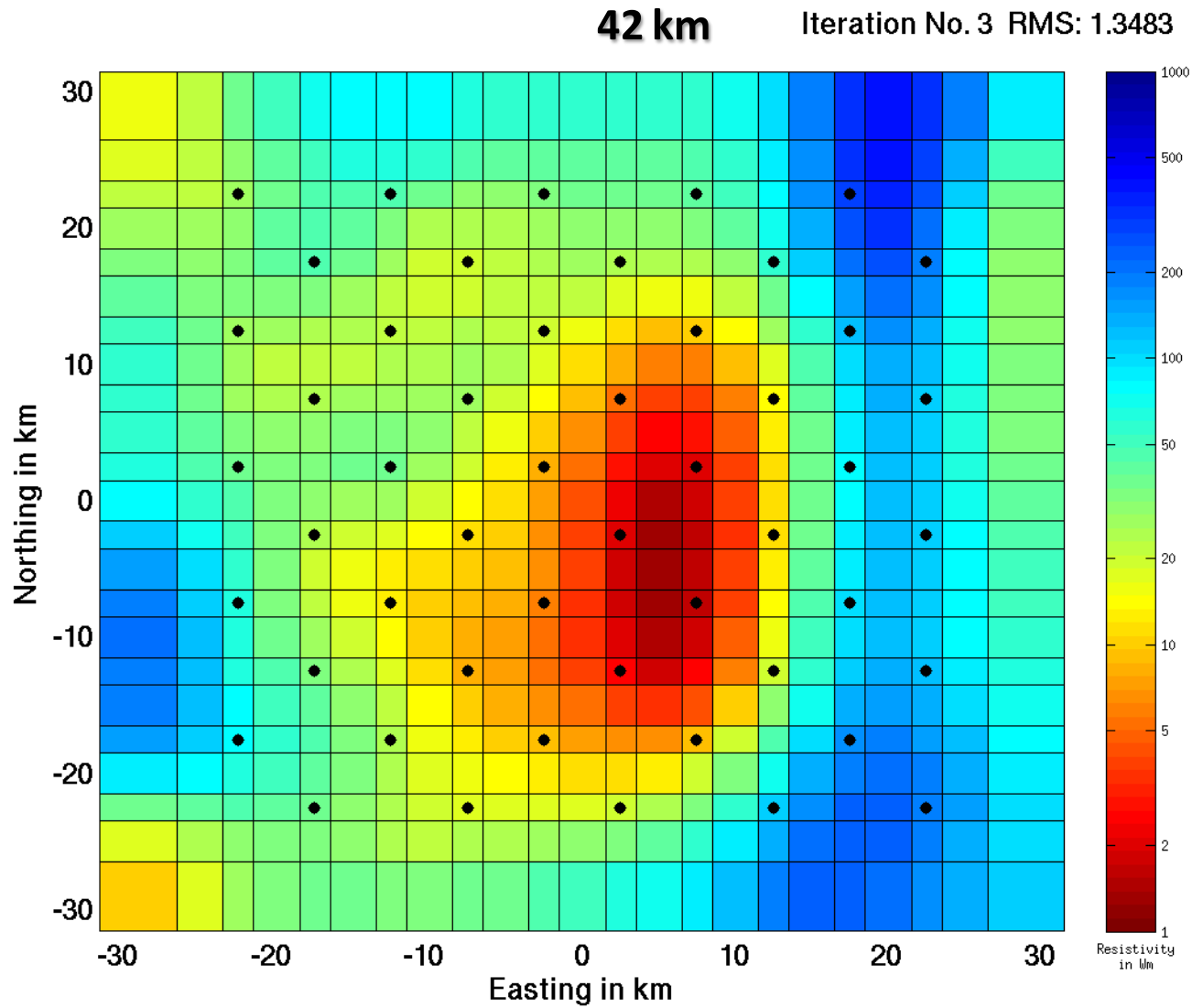
Results second run



Results second run



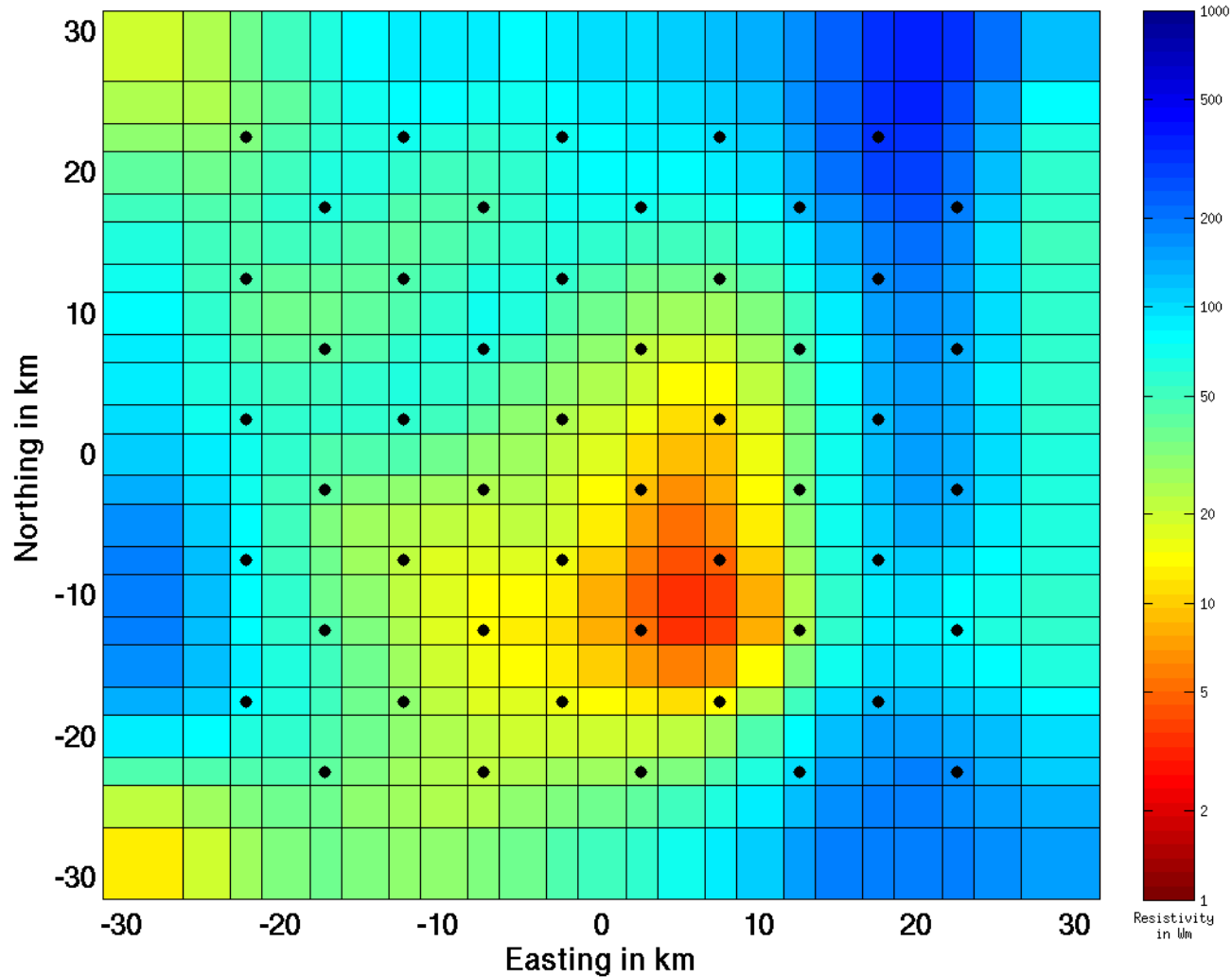
Results second run



Results second run

54.5 km

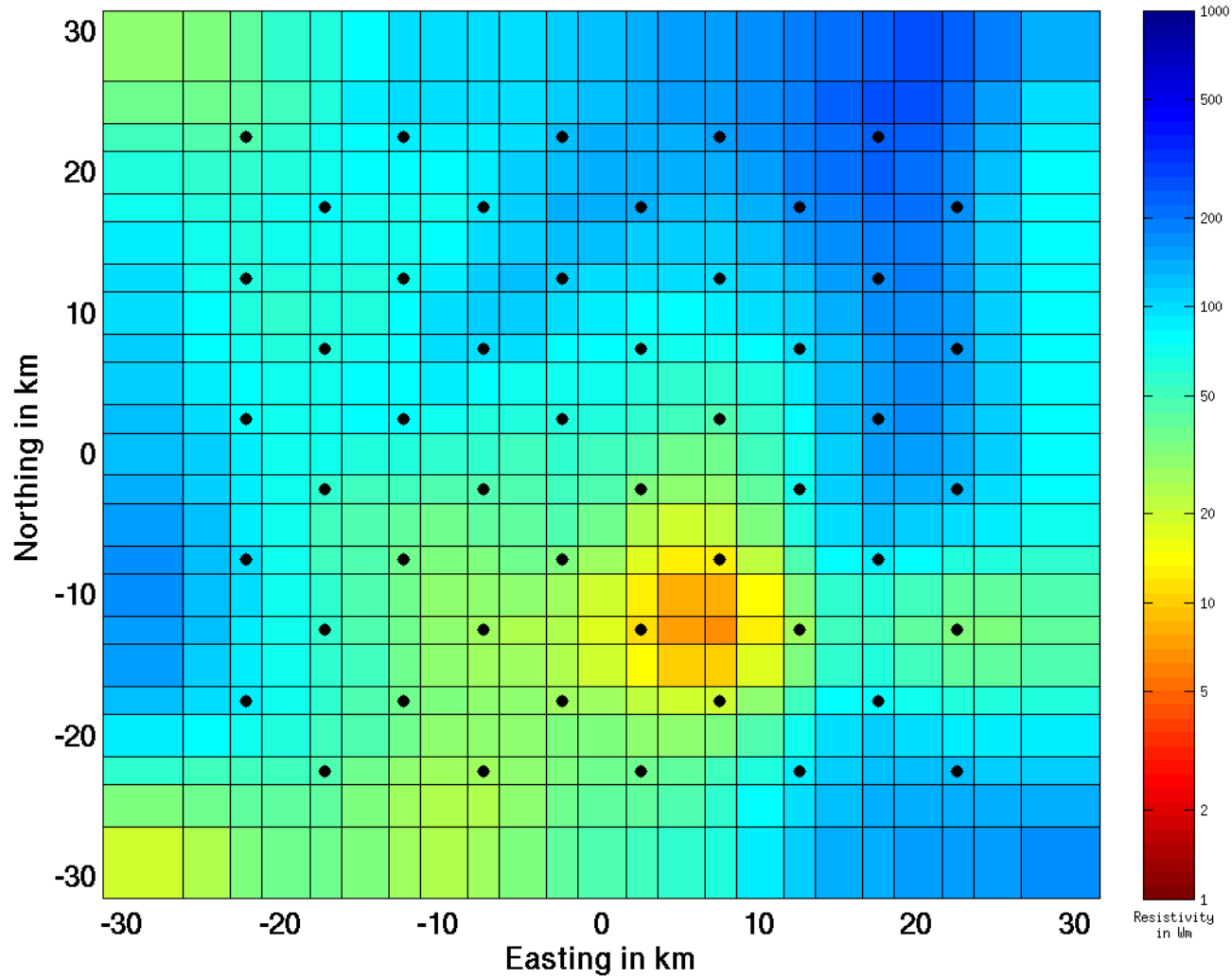
Iteration No. 3 RMS: 1.3483



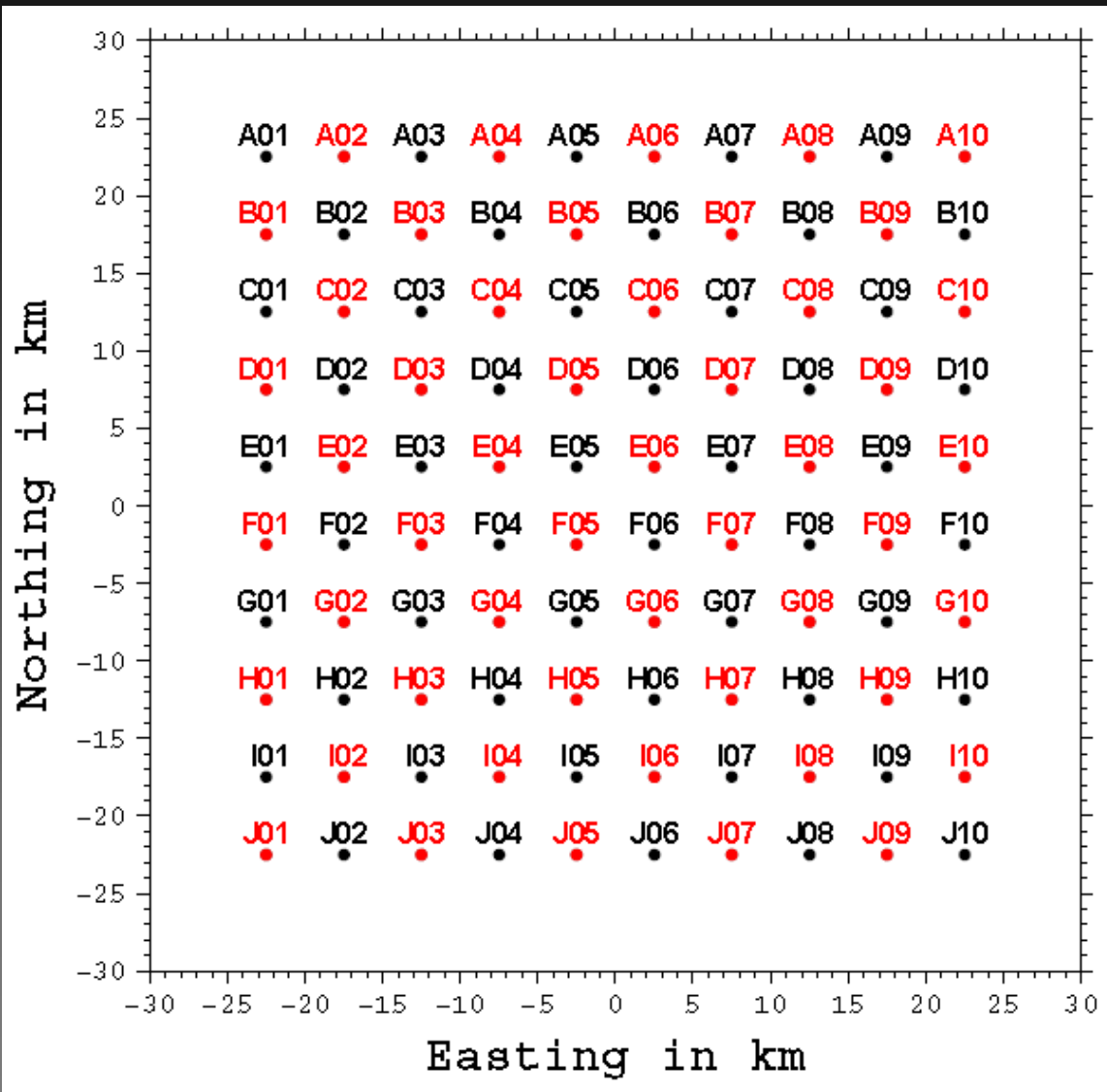
Results second run

72 km

Iteration No. 3 RMS: 1.3483



Used settings – third run



wsinv3dmt

50 sites

11 Periods: 0.1 - 10000 s

8 impedance components

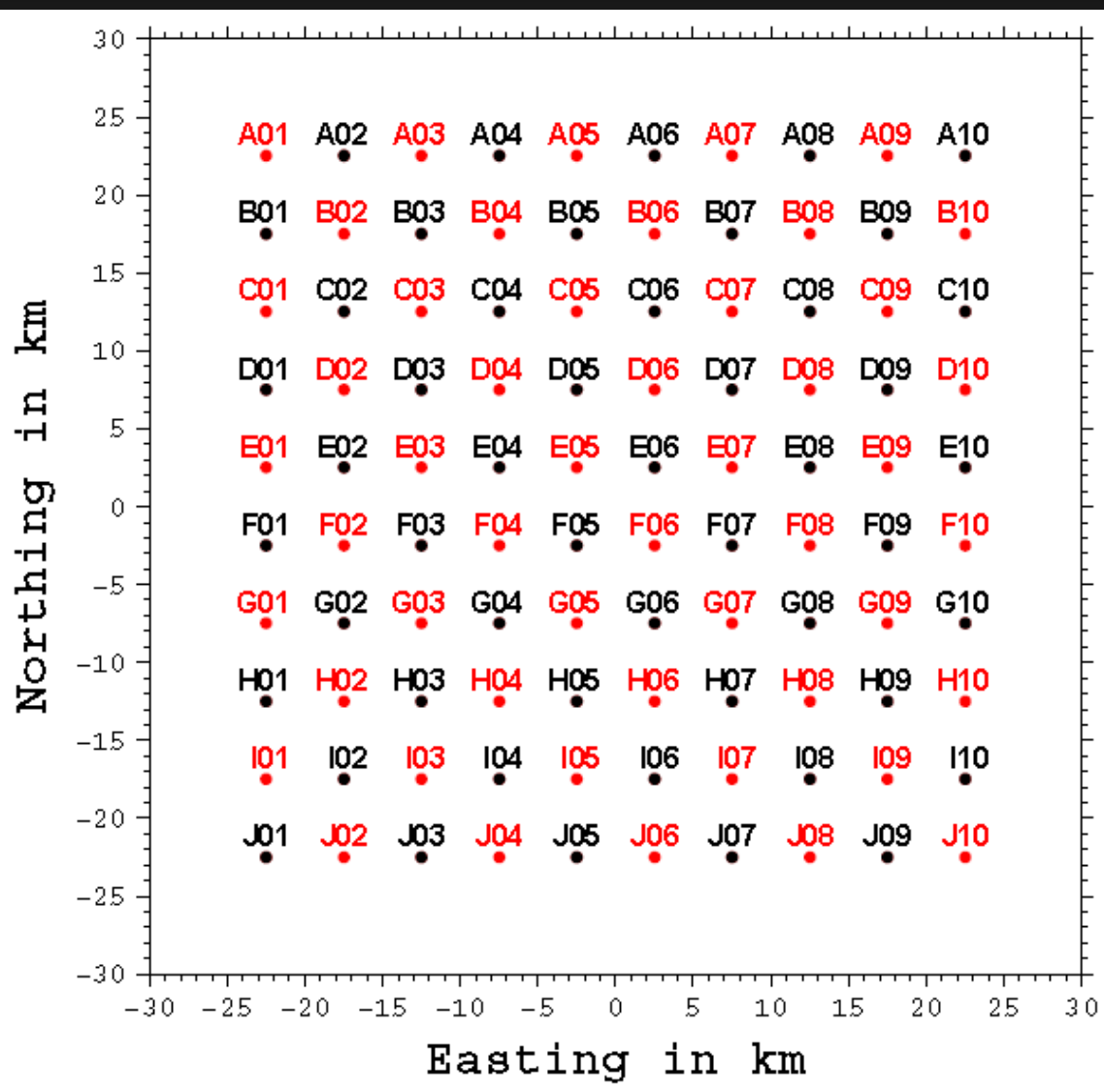
35 x 35 x 30 (+7 air)

CPU time: 57 h 02 min

6th iteration

**Quad-Core 2.33 GHz Intel
Xeon, 4GB RAM**

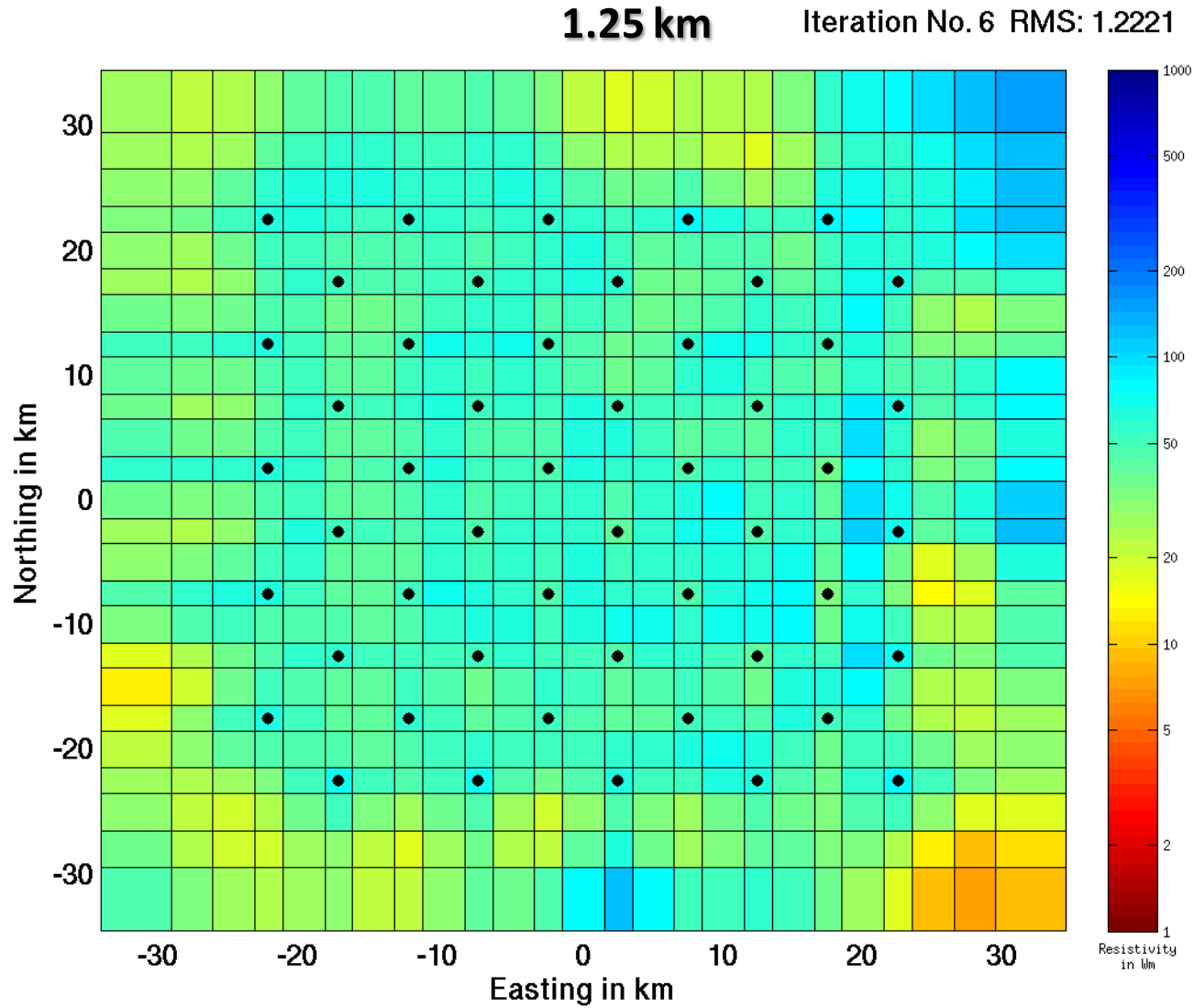
Used settings – fourth run



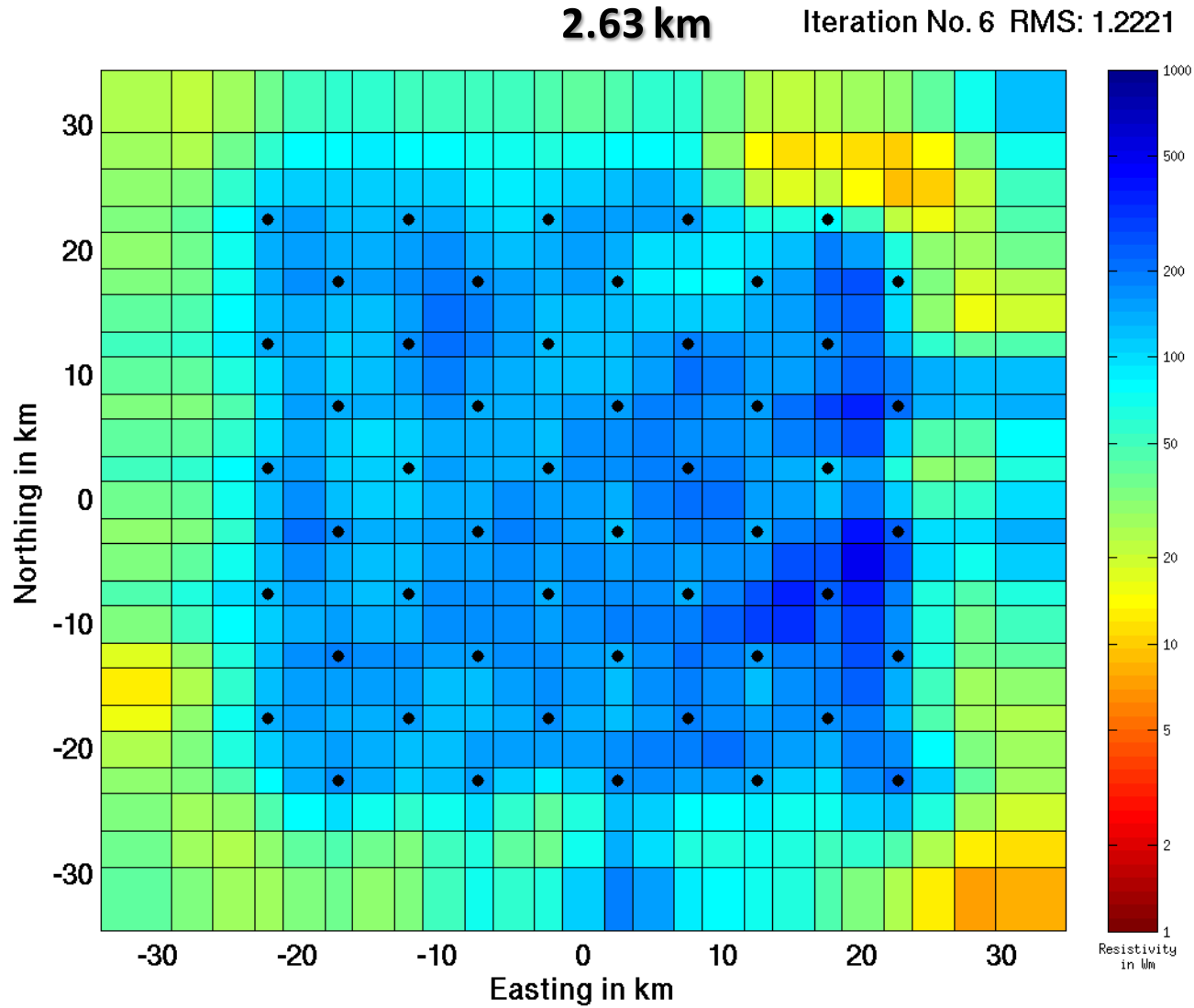
Same settings as the third run, but using the other 50 sites

result similar

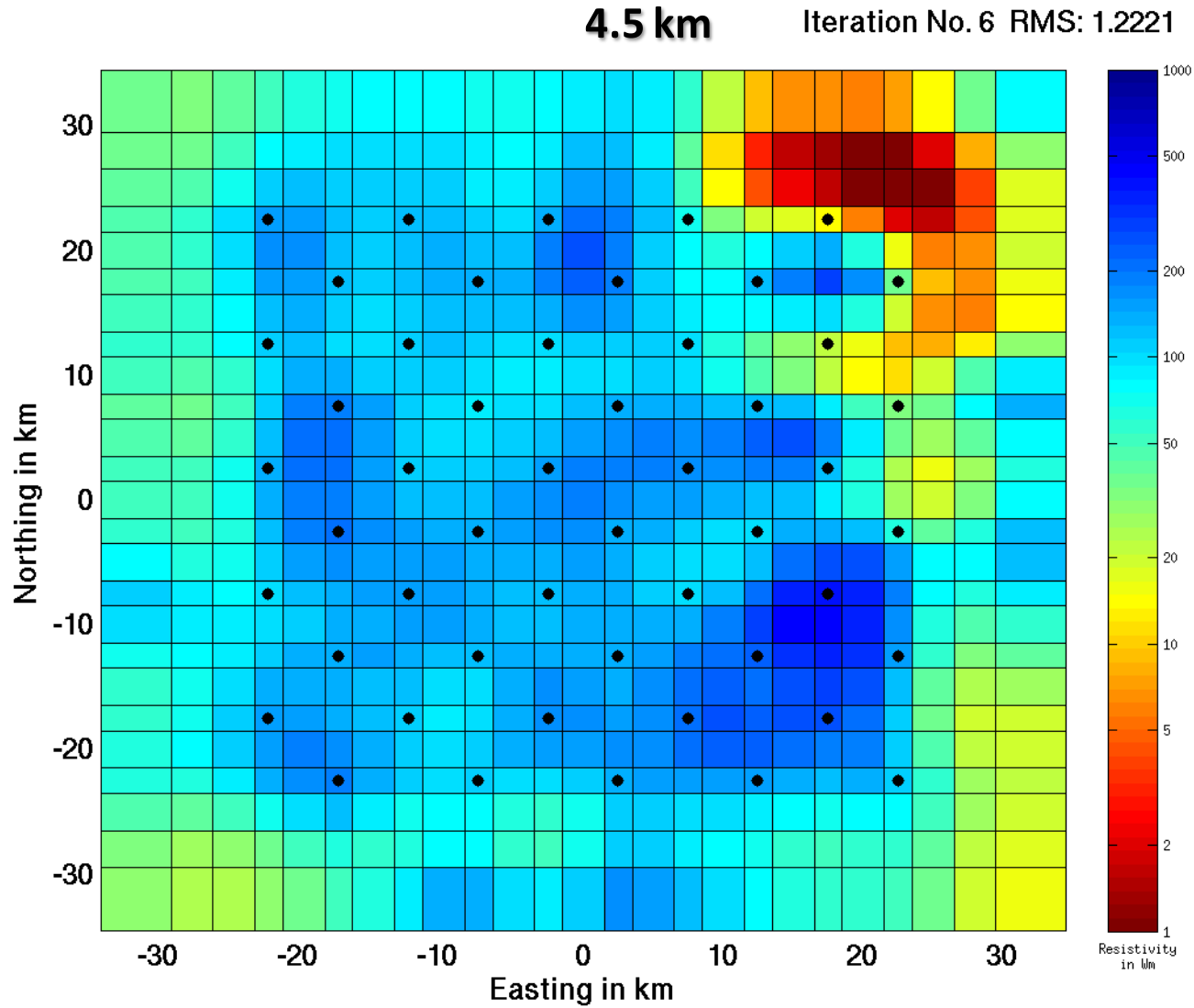
Results third run



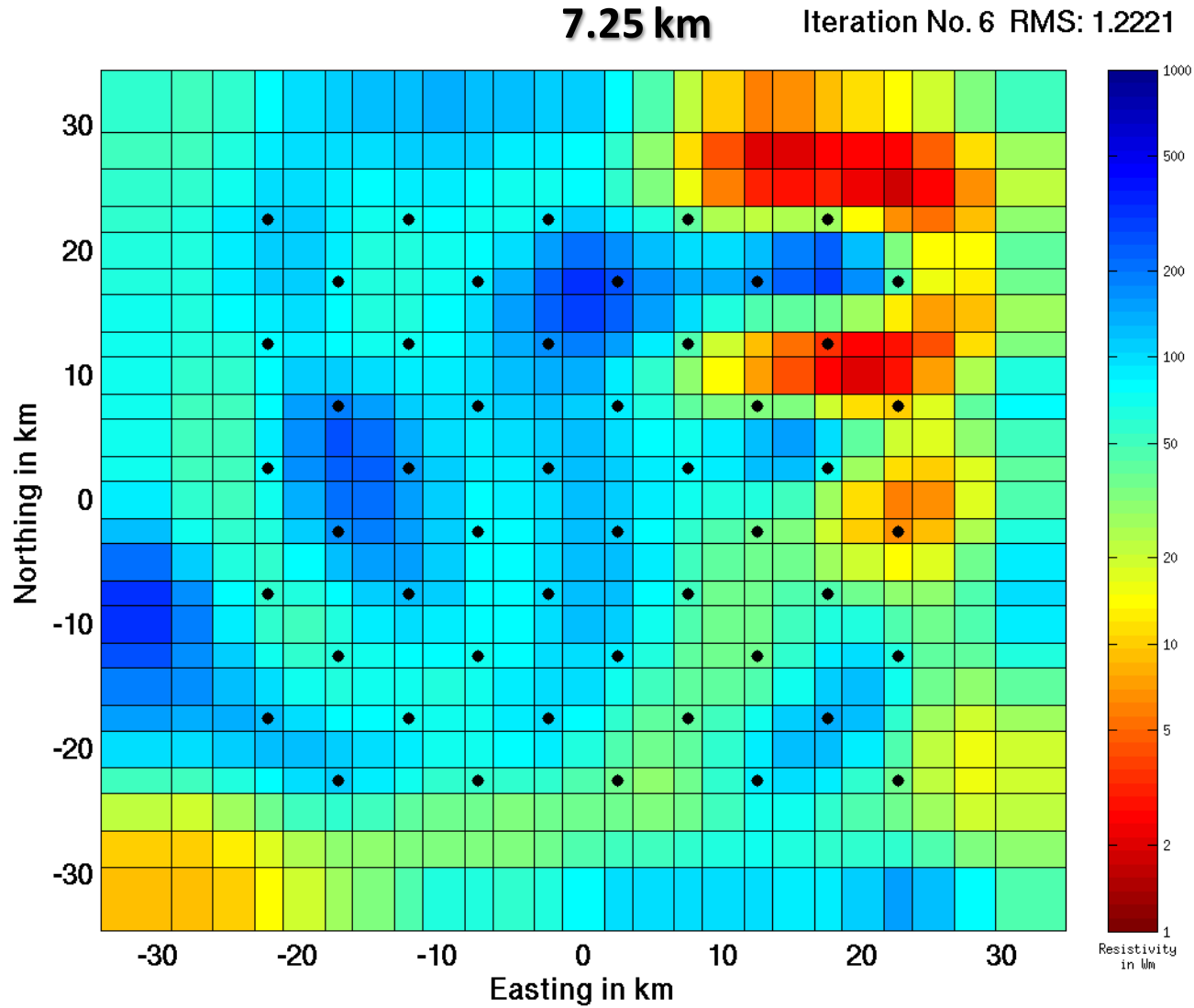
Results third run



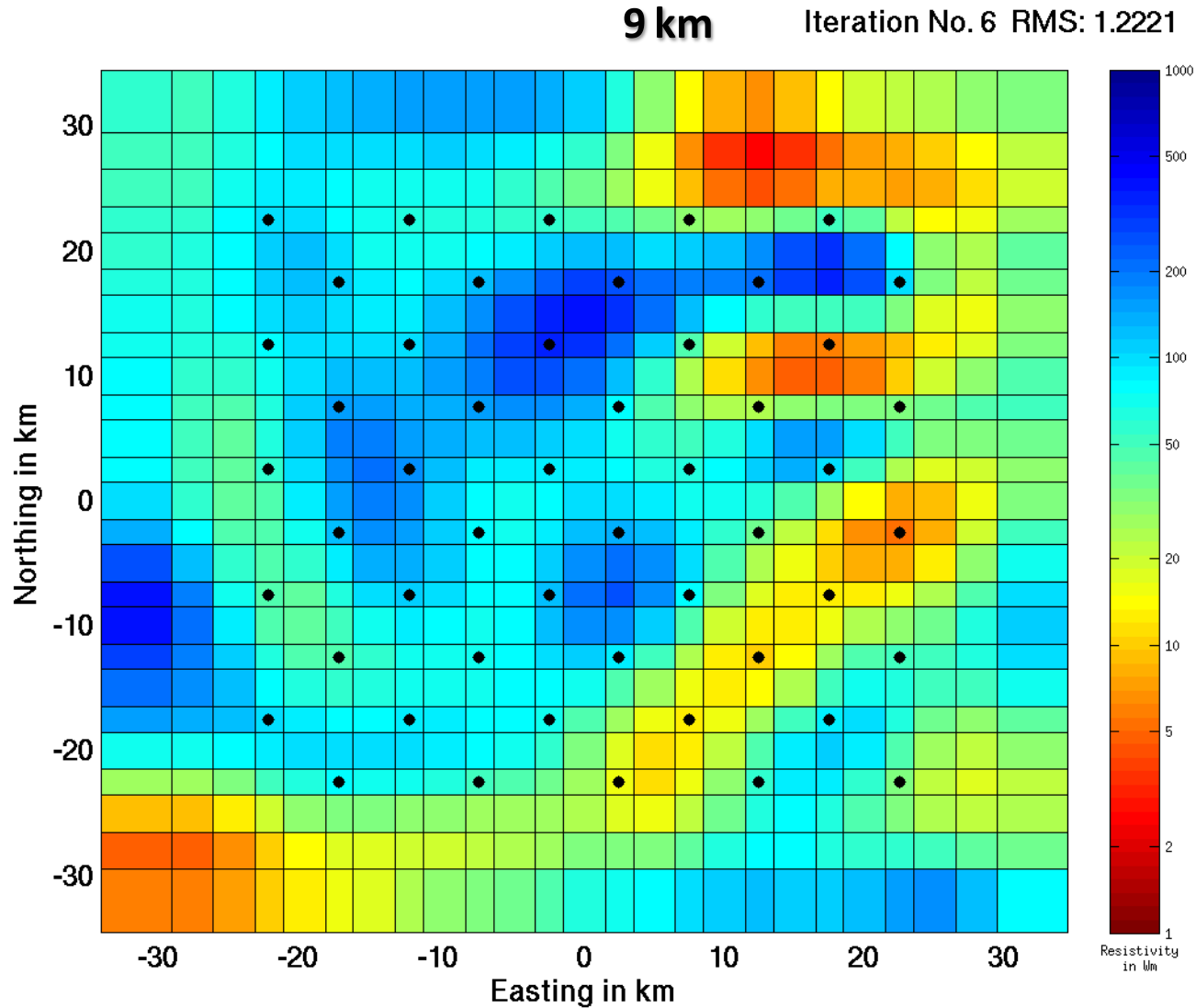
Results third run



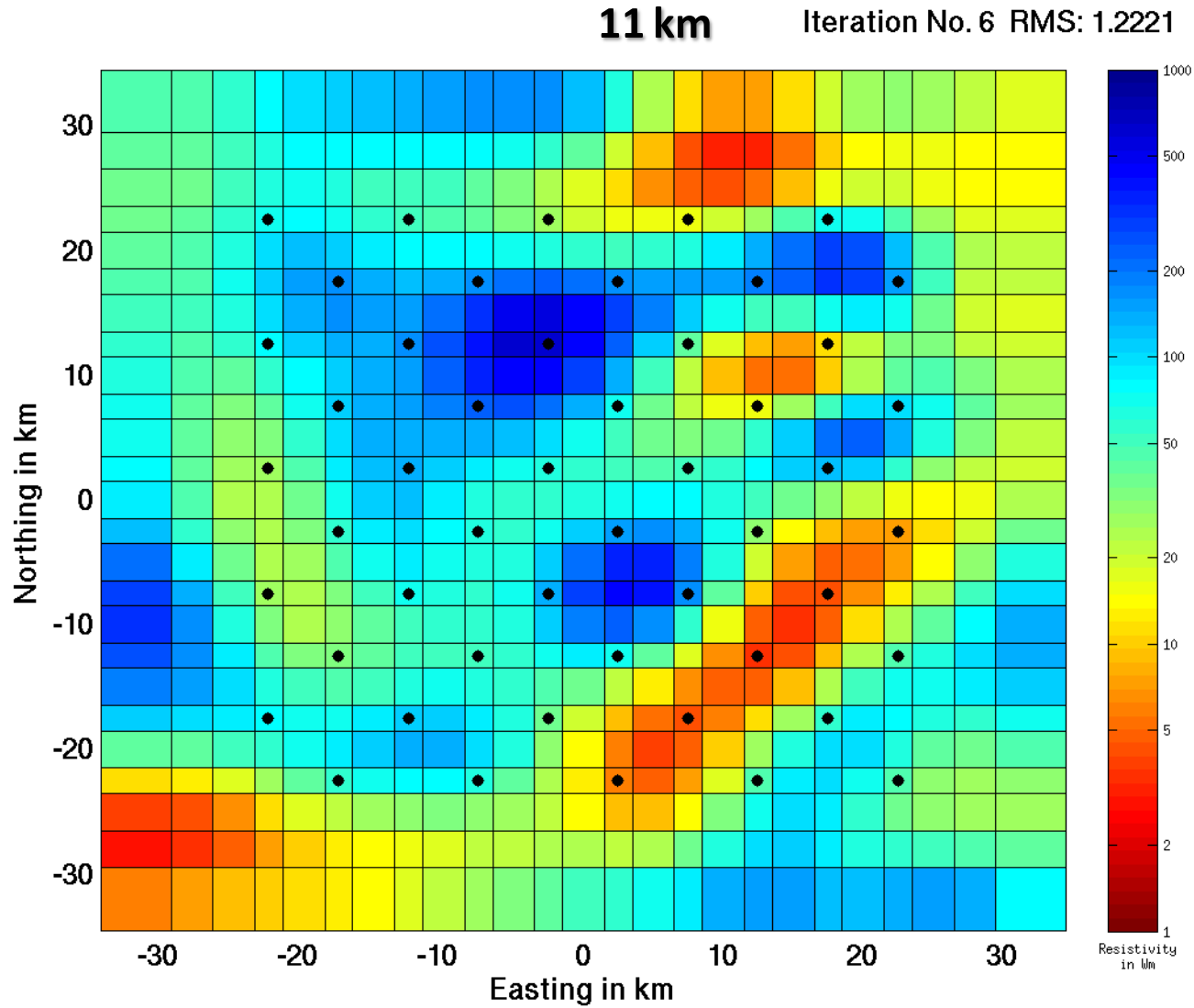
Results third run



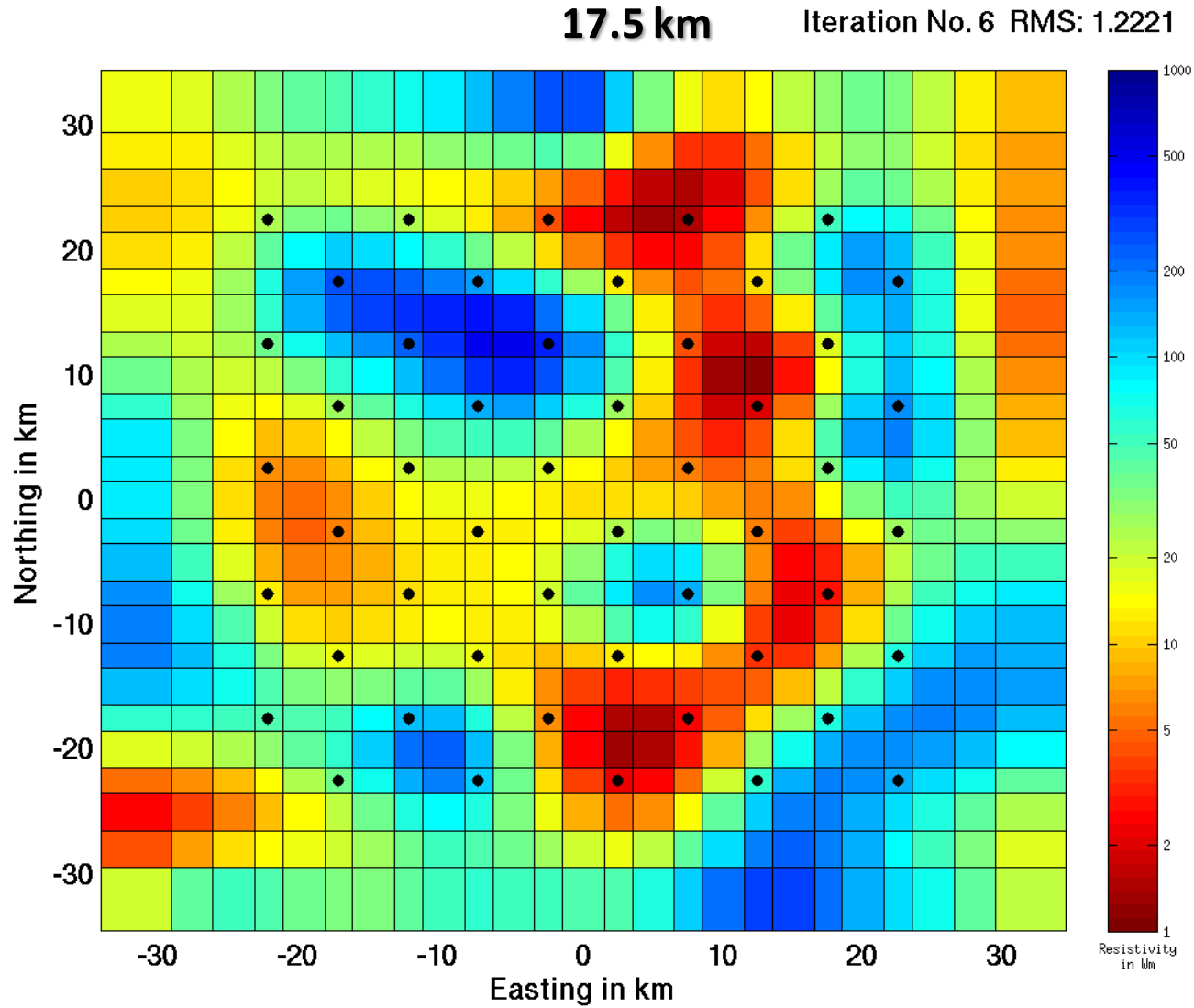
Results third run



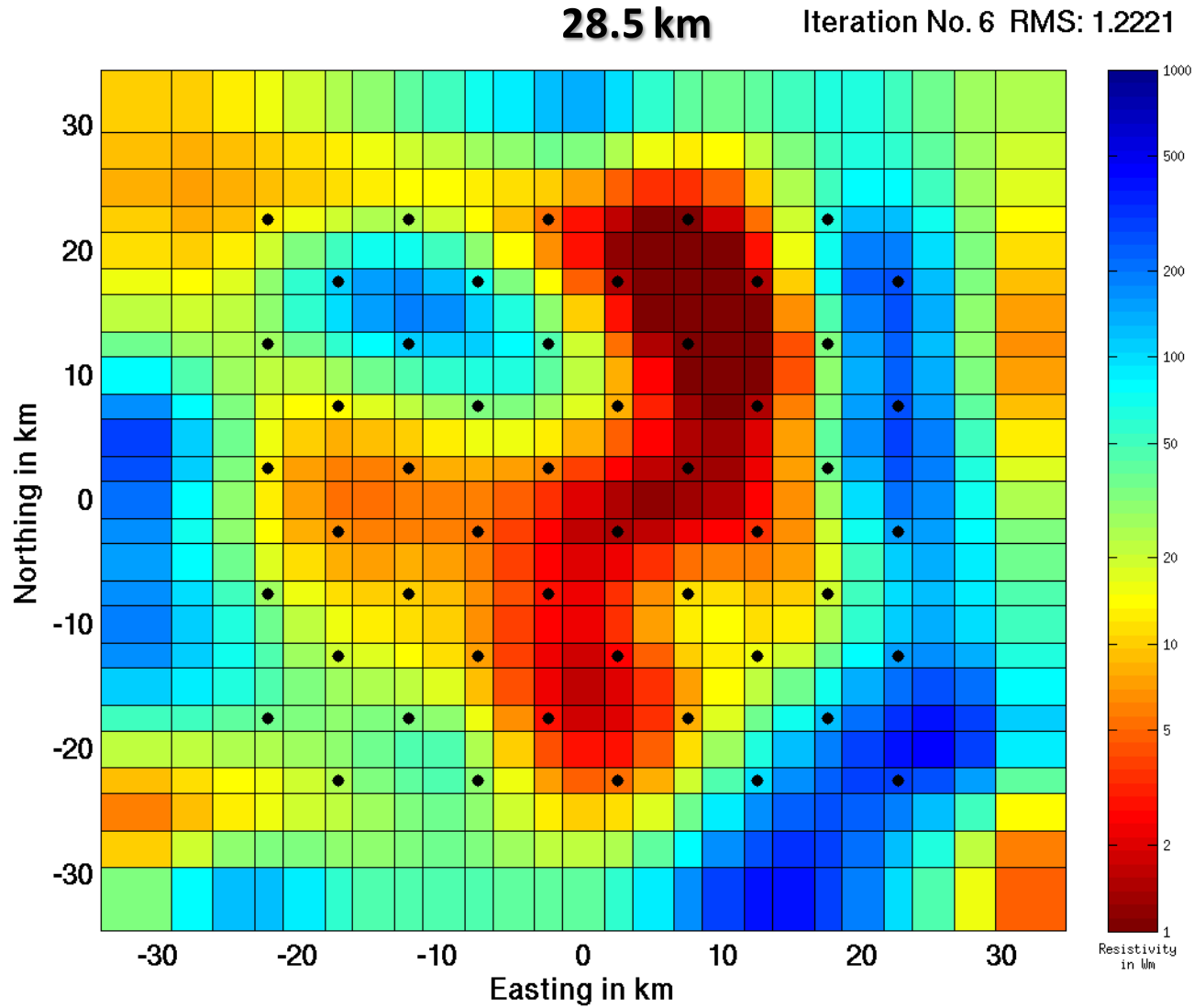
Results third run



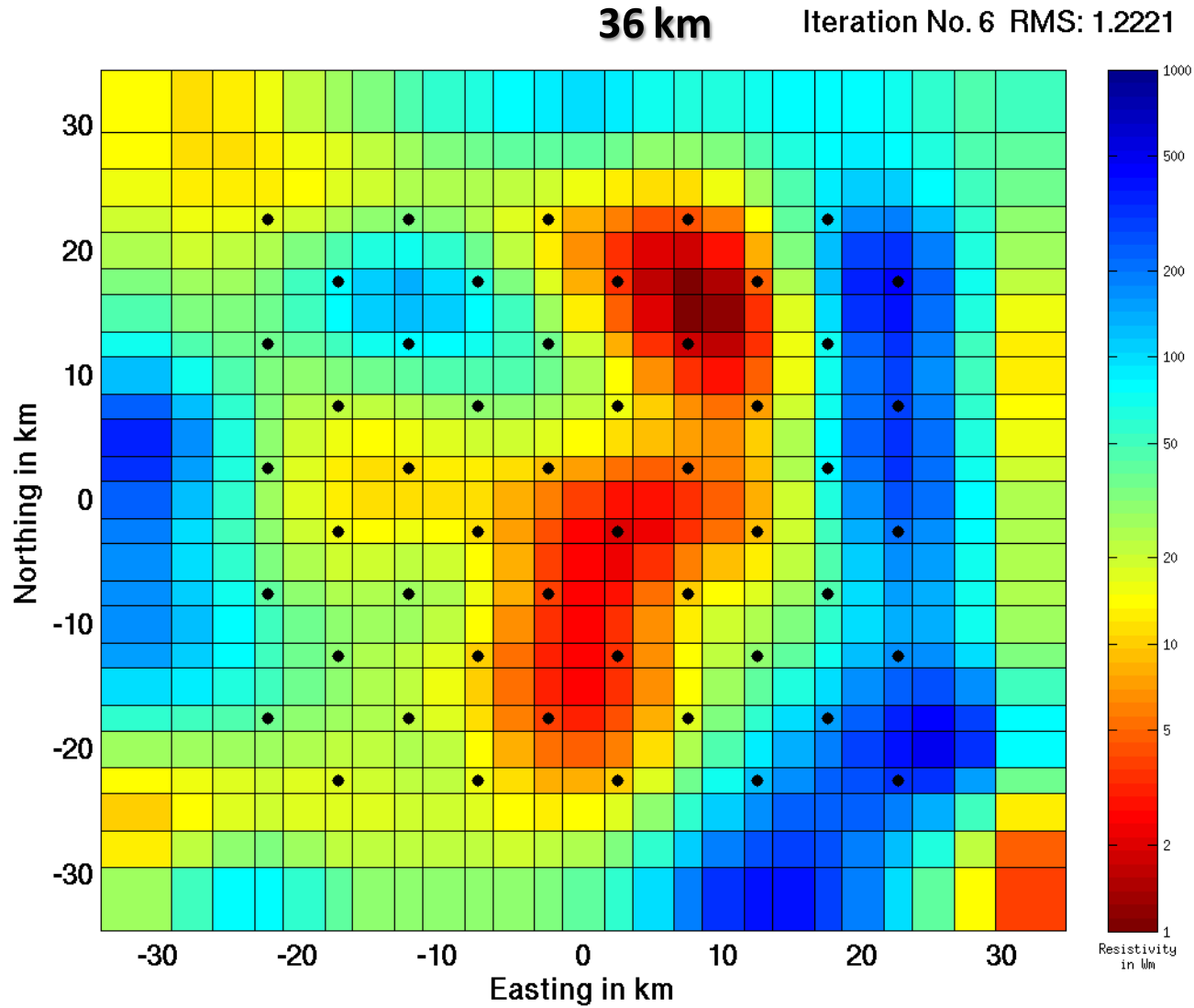
Results third run



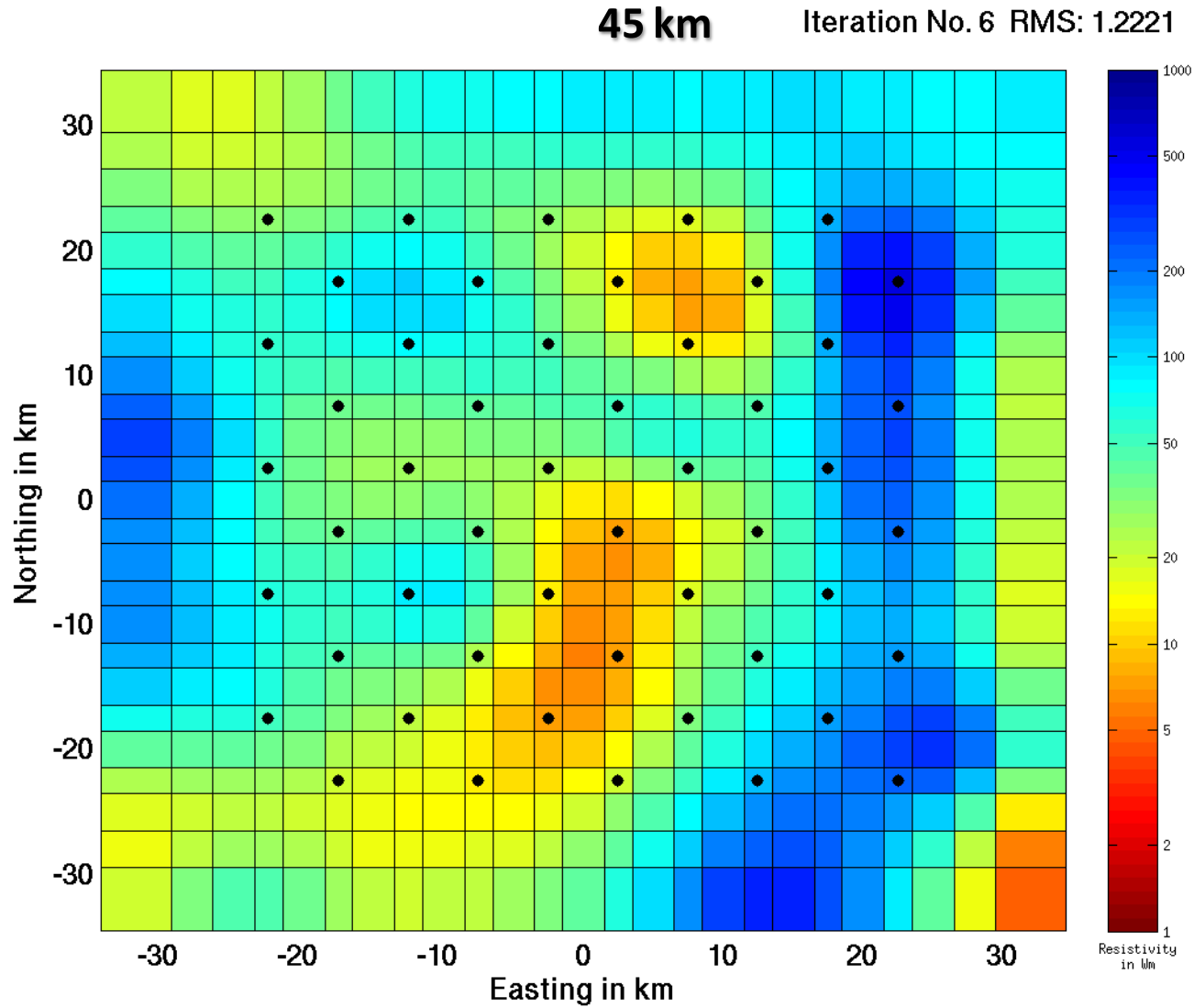
Results third run



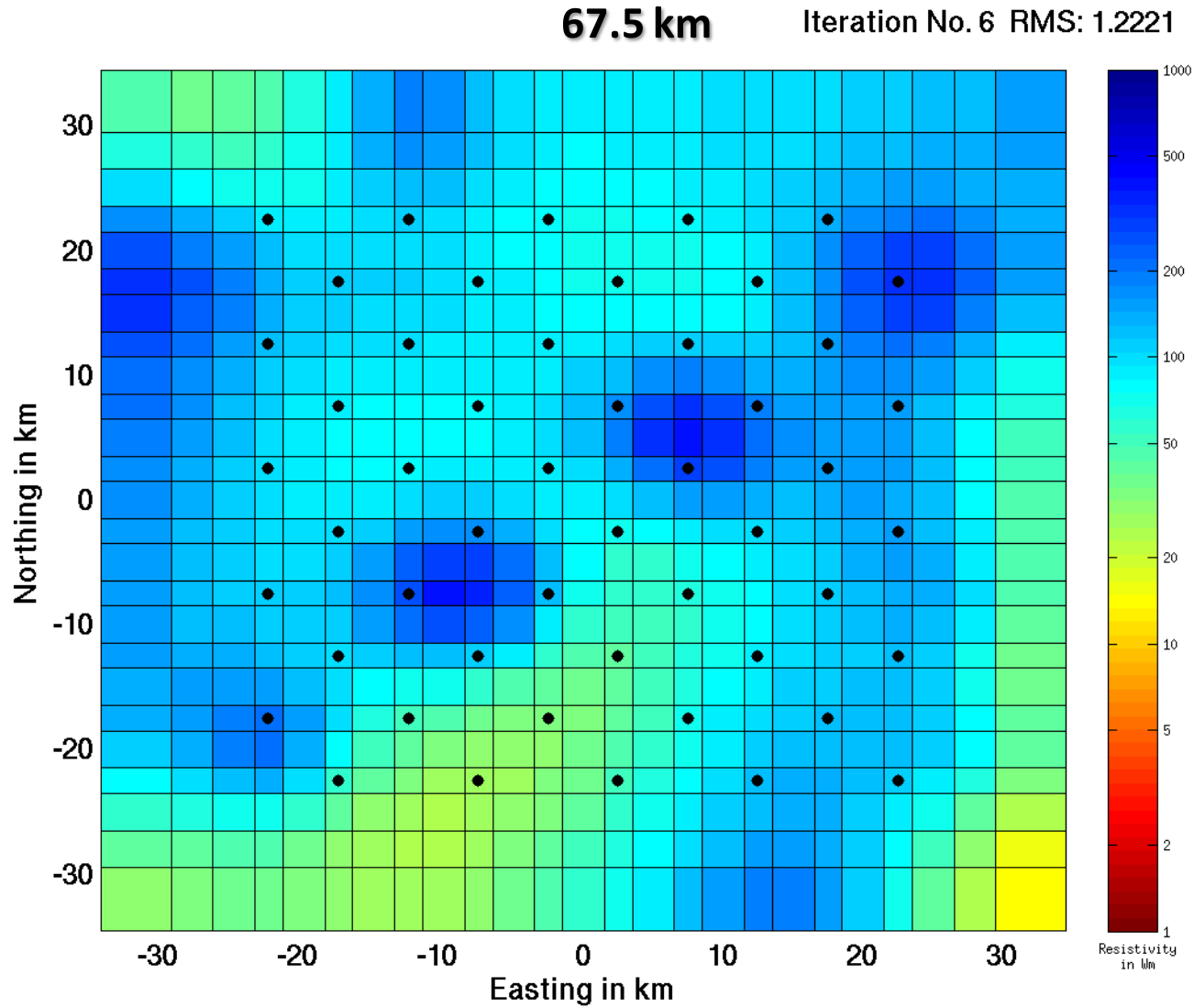
Results third run



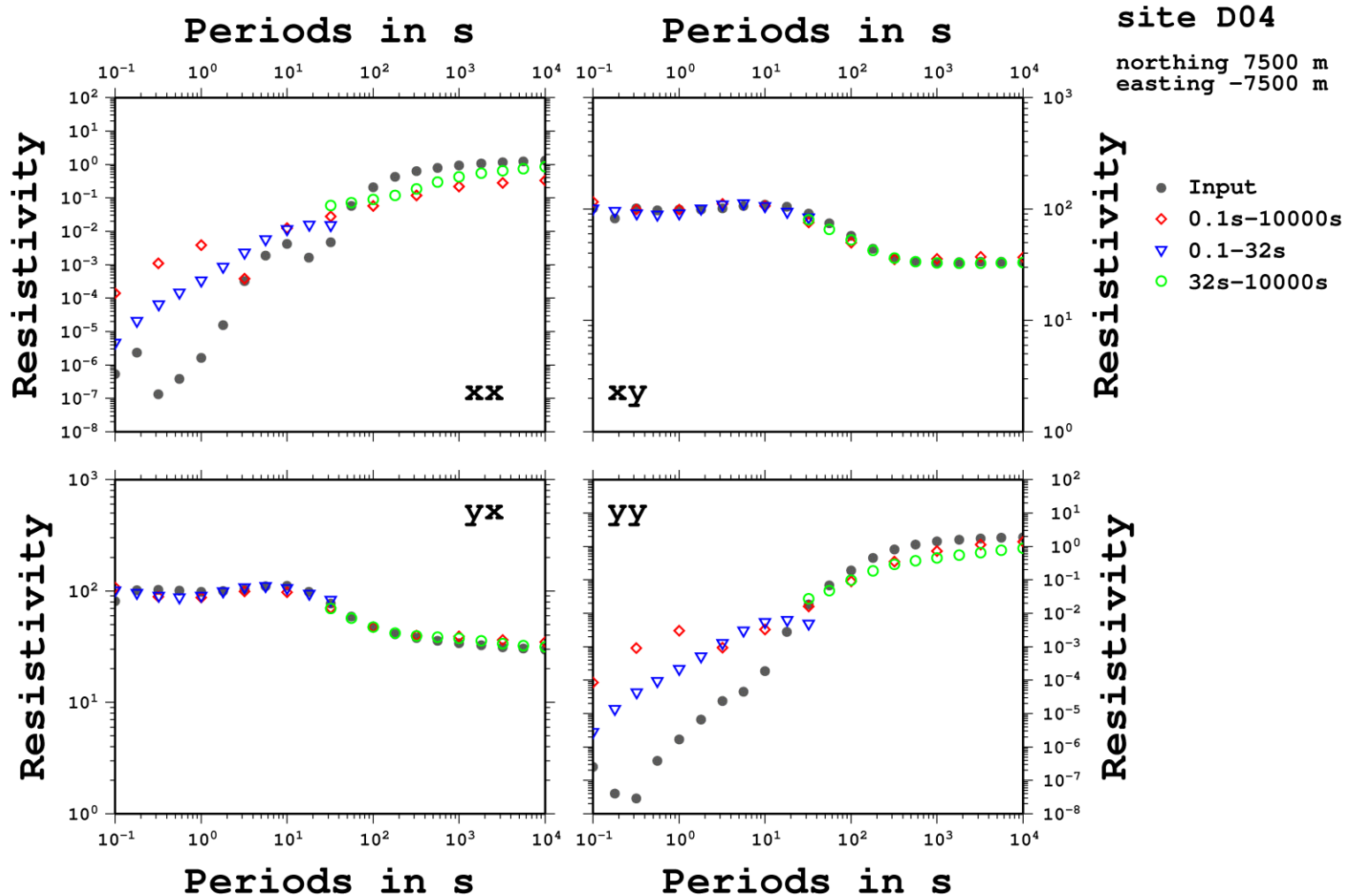
Results third run



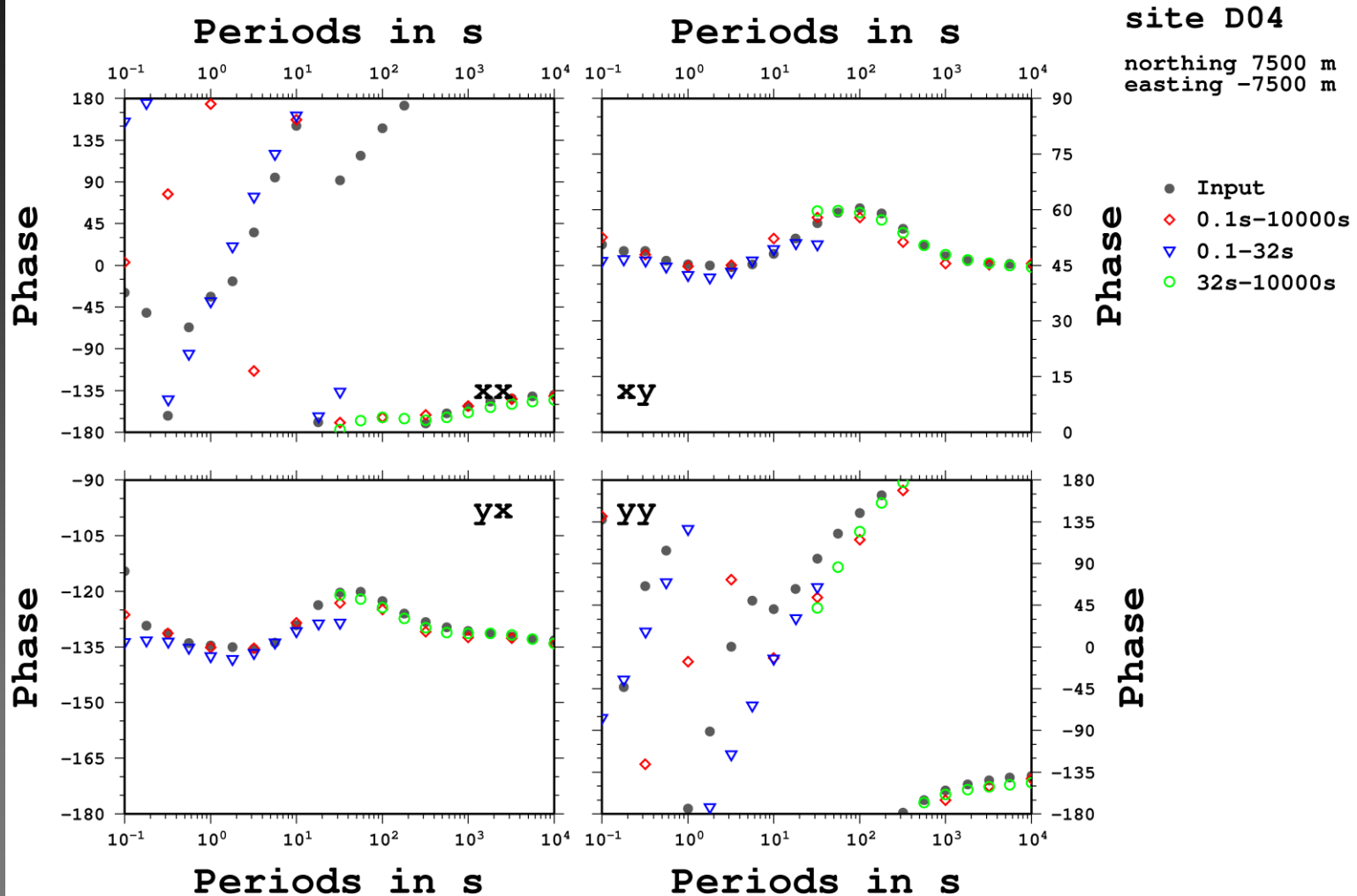
Results third run



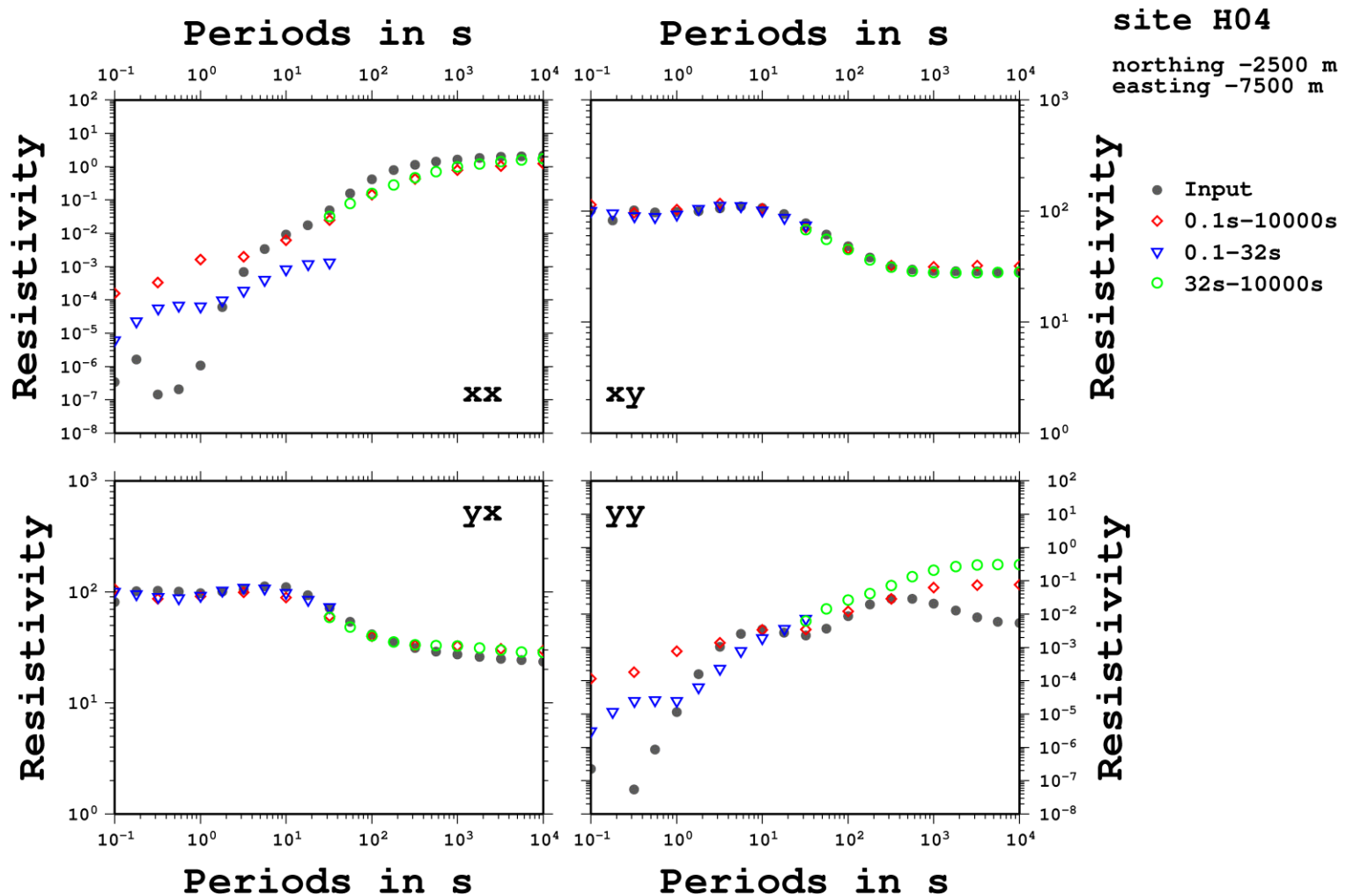
Comparison of data



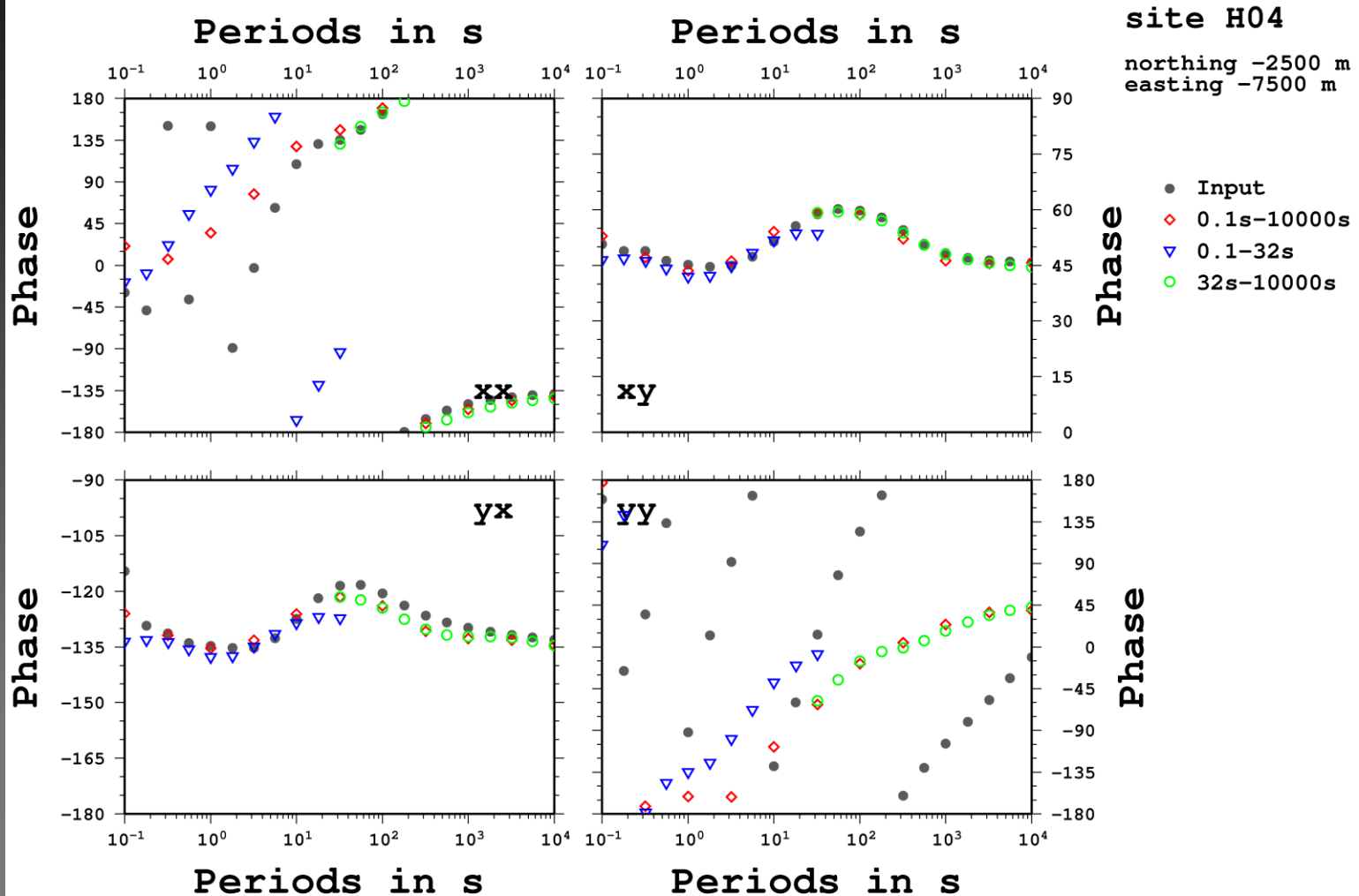
Comparison of data



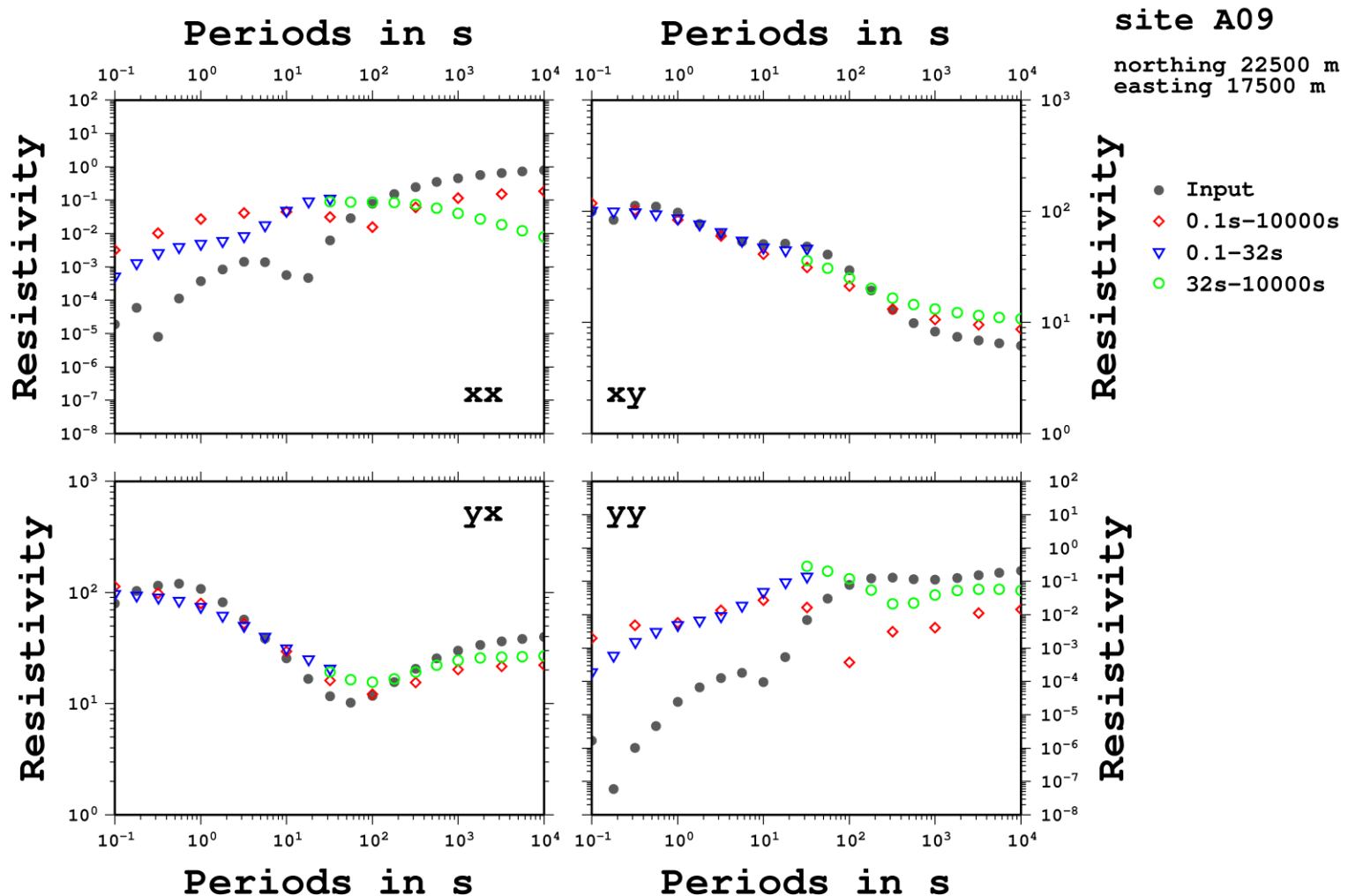
Comparison of data



Comparison of data



Comparison of data



Comparison of data

