331 **DA102.3**

Projet de réseau électrique métropolitain de transport collectif

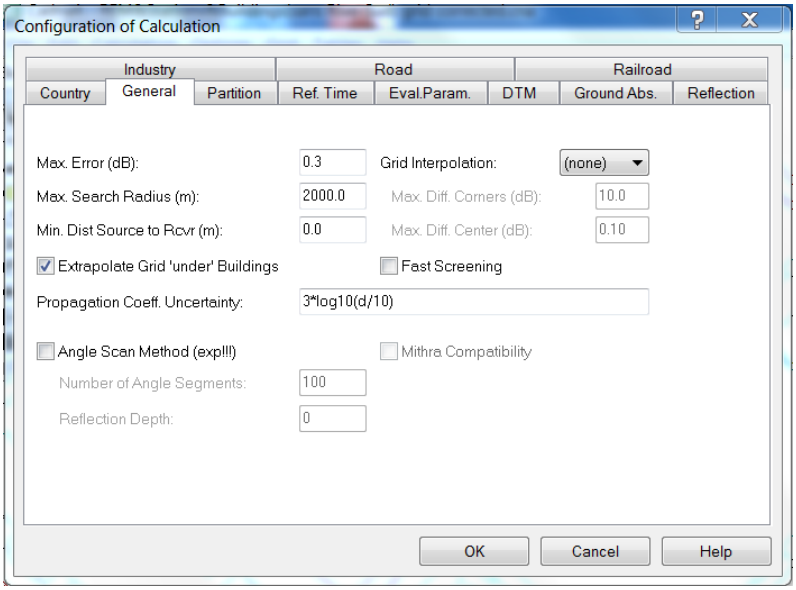
6211-14-009

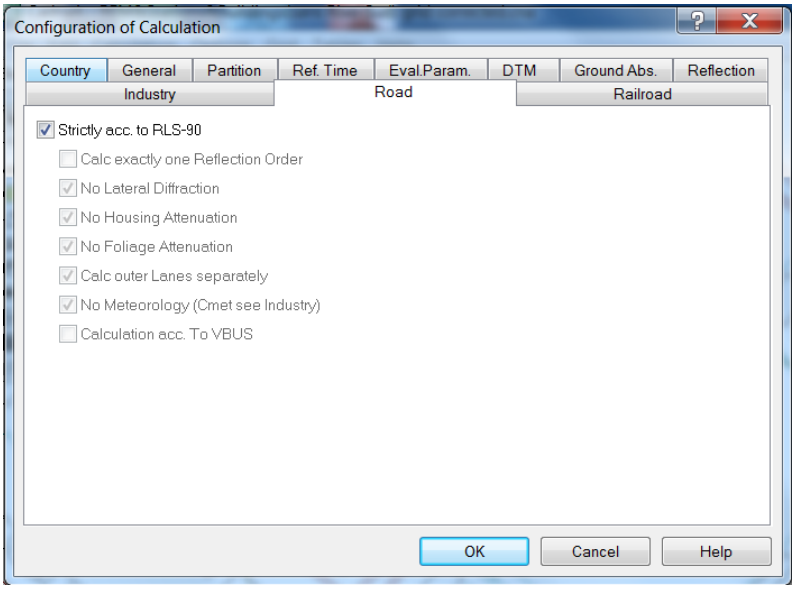
Annexe C

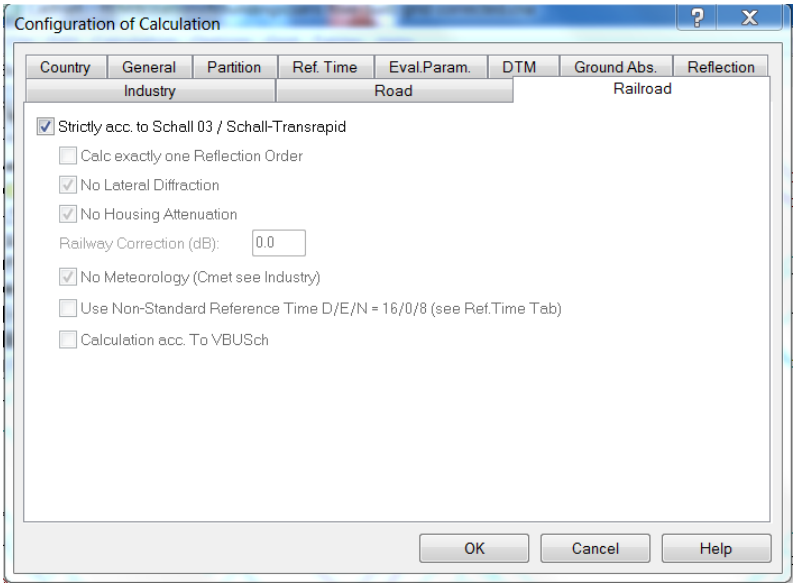
Configuration du logiciel CADNA-A

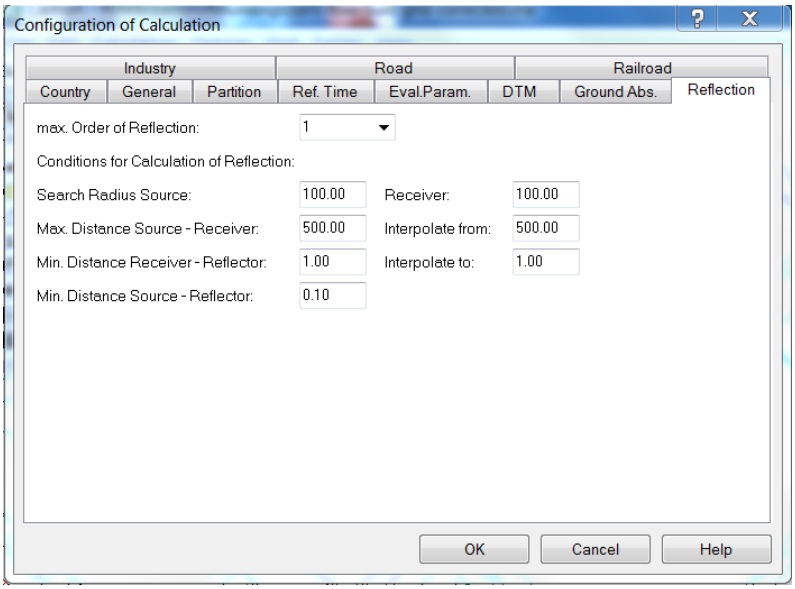
Le détail de la configuration du logiciel CADNA-A pour le projet du REM est disponible ci-dessous et comprend des captures d'écrans des différents onglets de configuration du logiciel.

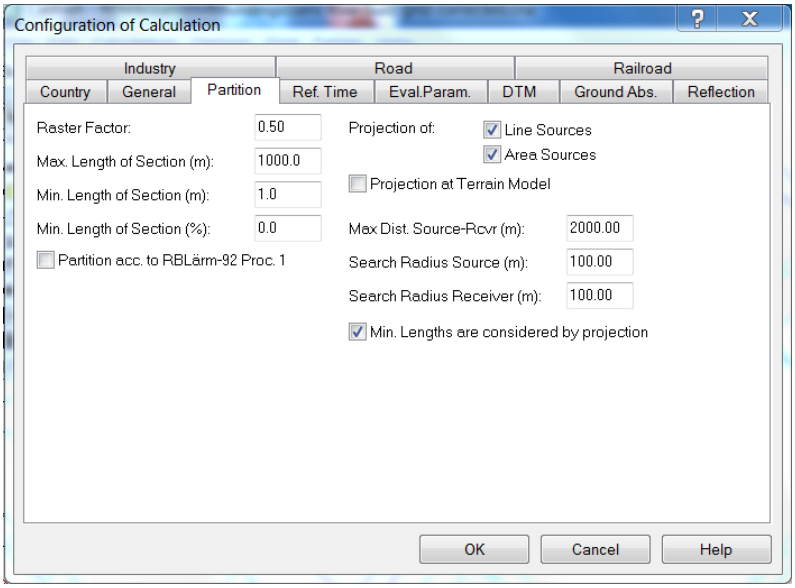
Les contours sonores du modèle des antennes Deux-Montagnes, Sainte-Anne-de-Bellevue, Rive-Sud et Aéroport ont été calculés avec une résolution de 15 x 15 m.

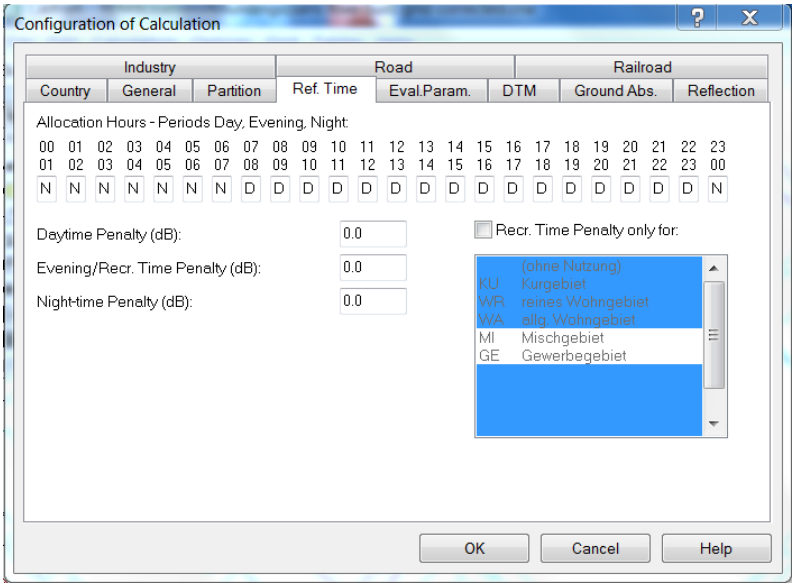


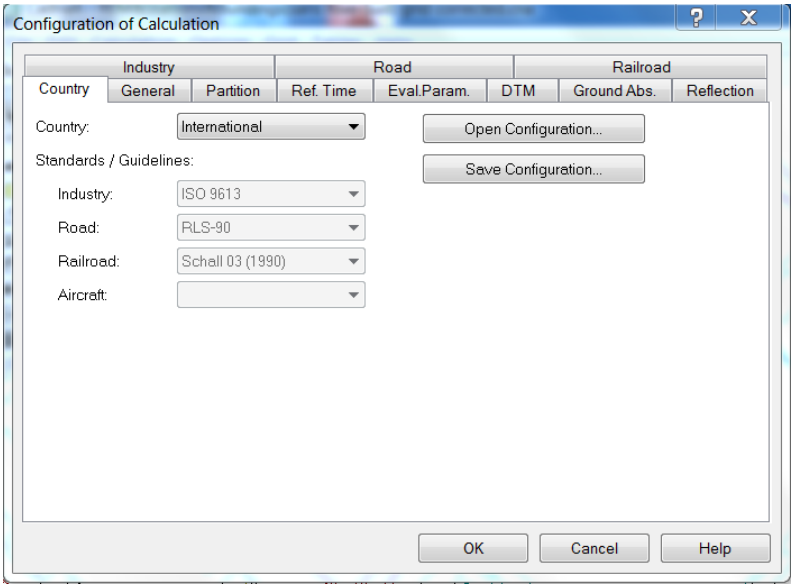



Configuration of Calculation
Country
General
Partition
Ref. Time
Eval.Param.
DTM
Ground Abs.
Reflection
Industry
Road
Railroad
Strictly acc. to Schall 03 / Schall-Transrapid
Calc exactly one Reflection Order
No Lateral Diffraction
No Housing Attenuation
Railway Correction (dB):
0.0
No Meteorology (Cmet see Industry)
Use Non-Standard Reference Time D/E/N = 16/0/8 (see Ref.Time Tab)
Calculation acc. To VBUSch
OK
Cancel
Help


Configuration of Calculation
Industry
Road
Railroad
Country
General
Partition
Ref. Time
Eval.Param.
DTM
Ground Abs.
Reflection
max. Order of Reflection:
1
Conditions for Calculation of Reflection:
Search Radius Source:
100.00
Receiver:
100.00
Max. Distance Source - Receiver:
500.00
Interpolate from:
500.00
Min. Distance Receiver - Reflector:
1.00
Interpolate to:
1.00
Min. Distance Source - Reflector:
0.10
OK
Cancel
Help


Configuration of Calculation
Industry
Road
Railroad
Country
General
Partition
Ref. Time
Eval.Param.
DTM
Ground Abs.
Reflection
Raster Factor:
0.50
Max. Length of Section (m):
1000.0
Min. Length of Section (m):
1.0
Min. Length of Section (%):
0.0
Partition acc. to RBLärm-92 Proc. 1
Projection of:
Line Sources
Area Sources
Projection at Terrain Model
Max Dist. Source-Rcvr (m):
2000.00
Search Radius Source (m):
100.00
Search Radius Receiver (m):
100.00
Min. Lengths are considered by projection
OK
Cancel
Help


Configuration of Calculation
Industry
Road
Railroad
Country
General
Partition
Ref. Time
Eval.Param.
DTM
Ground Abs.
Reflection
Allocation Hours - Periods Day, Evening, Night:
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 00
N N N N N N N D D D D D D D D D D D D D D D N
Daytime Penalty (dB):
0.0
Evening/Recr. Time Penalty (dB):
0.0
Night-time Penalty (dB):
0.0
Recr. Time Penalty only for:
(ohne Nutzung)
KU Kurgebiet
WR reines Wohngebiet
WA allg. Wohngebiet
MI Mischgebiet
GE Gewerbegebiet
OK
Cancel
Help


Configuration of Calculation
Industry
Road
Railroad
Country
General
Partition
Ref. Time
Eval.Param.
DTM
Ground Abs.
Reflection
Country:
International
Open Configuration...
Standards / Guidelines:
Save Configuration...
Industry:
ISO 9613
Road:
RLS-90
Railroad:
Schall 03 (1990)
Aircraft:
OK
Cancel
Help