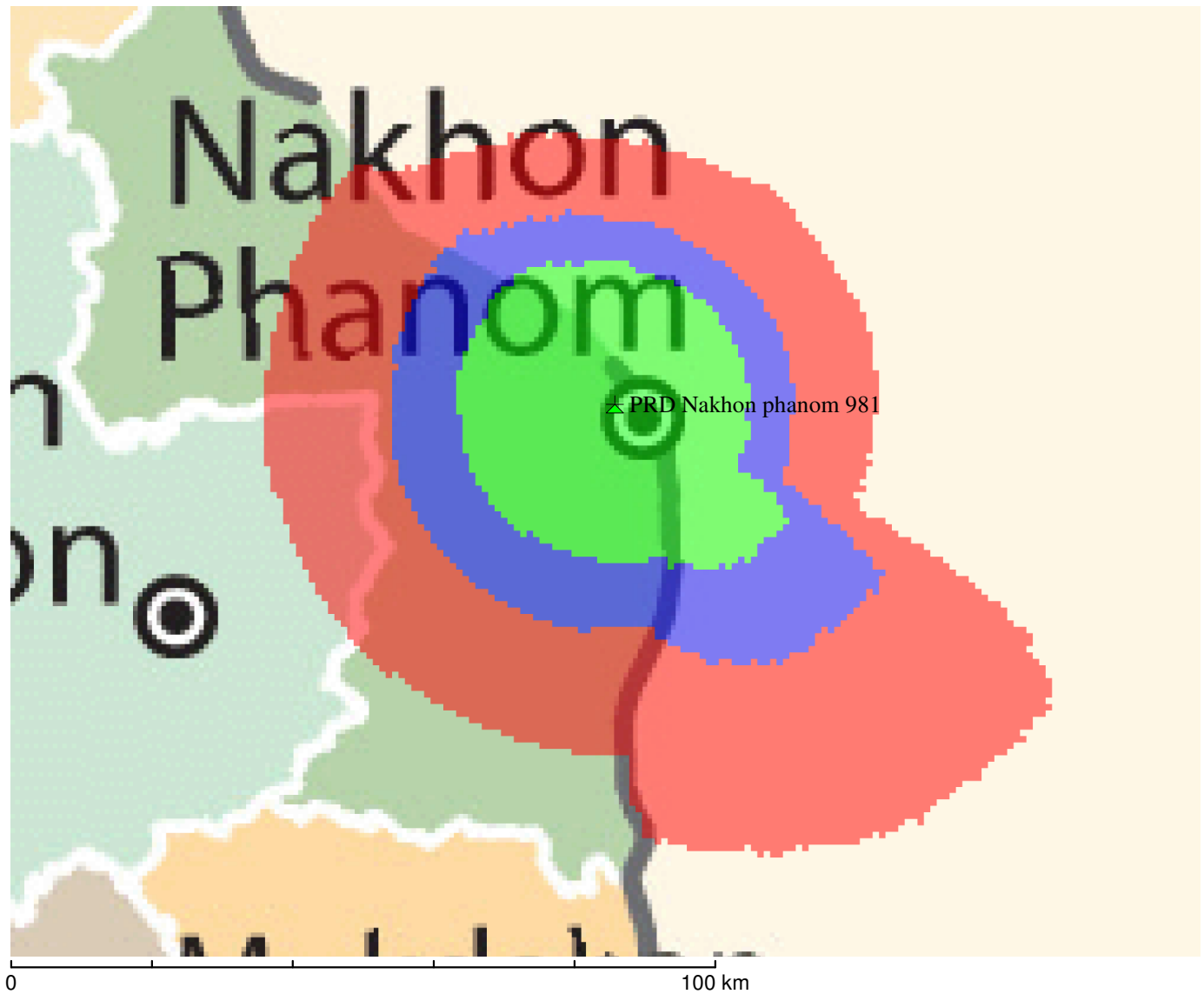


**Transmitter Data**

Name: PRD Nakhon phanom 981
Coordinates: 104E45 21/17N22 60
Frequency: 981.0 kHz
Power (EMRP): 23.725 kW
Height (AMSL): -999
Antenna Height: 101
Polarisation: vertical

Receiver Data

Antenna Height: 10m
Polarisation: Iso

Calculation parameters

Model: ITU-1546 Terrain
Display:

[dBuV/m]

■ ≥ 87.0
■ ≥ 81.0
■ ≥ 73.0
■ $< 73.0(T)$

General Data

Program Version CHIRplus_BC V 6.0.0.3
 Calculated 20/04/15 10:02
 User Name sysadmin
 Calculation type Area
 Filename C:\Program Files (x86)\Chirplus_BC\DATABASES\LFMF_WDB\Results\LFMF_WantedLevel
 CPU Usage unknown

Transmitter Data

Name PRD Nakhon phanom 981
 Frequency [KHz] 981.000
 Service LF/MF
 Oper. Status
 Country TH
 System D
 Coordinates 104E45 20.642 / 17N22 59.660
 ERP [dBW] 43.7521
 ERPV [dBW] 43.7521
 Height (amsl) [m] -999.0
 Antenna Height [m] 101.0
 Polarisation V
 Antenna Type Internal 36 Antenna
 AZM A

LF/MF Network Processor Settings

Result Type WantedLevel
 Radio Service LF/MF Broadcast
 Summation Procedure Power Sum
 E Minimum [dBuV/m] 73.0
 Receiv. Antenna Discr. No
 User Protection Ratio No
 GE75 Rule of Proc. (PR) Yes

E Minimum calculation parameter:

Auto Emin No
 Month January
 Man Made Noise Business Area (-140.4 dBW)
 Time UTC 00:00
 Ref. TX Longitude 104.75573400
 Ref. TX Latitude 17.38323900
 RX Bandwidth [kHz] 9.000
 Requested SN [dB] 30.0
 Emin Calc. Type GE75 Noise Zones
 Noise Zone Zone A
 Wanted Fst. LS_GROUNDWAVE

Result Scaling Maximum Raster
 Result Area Bounding Rectangle

Field Strength calculation / Protection ratio

Name	Freq.[MHz]	Propagation Model	H.[m]	Ant.H.[m]	Rec.Hgt.[m]	Ter.Resol.[s]	GS	Fst
PRD Nakhon phanom 981	0.981	LS_GROUNDWAVE	-999.0	101.0	10.0	30.0	G	fst

Number of involved Transmitter(s): 1