



0 100 km

Transmitter Data

Name: PRD
Coordinates: 104E08 34 / 15N48 13
Frequency: 94.300 MHz
Power (ERP): 4 kW
Height (AMSL): 134
Antenna Height: 100
Polarisation: mixed

Receiver Data

Antenna Height: 10m
Polarisation: Iso

Calculation parameters

Model: ITU-1546 Terrain
Display:

**Thailand NBTC FM Plan****Service Coverage and Coordination for HSA72A-FM**

LS Telecom for NBTC

sysadmin 09/01/2015

General Data

Program Version CHIRplus_BC V 5.8.1 r5
 Calculated 09/01/15 15:23
 User Name sysadmin
 Calculation type Area
 Filename C:\Users\SEdassin.SEdassin-PC\Documents\NBTC_BC58\DATABASES\FM_WDB\Results\FM_WantedL
 CPU Usage unknown

Transmitter Data

Name PRD
 Frequency [MHz] 94.300
 Service FM
 Oper. Status
 Country TH
 System 4
 Coordinates 104E08 34.336 / 15N48 12.852
 ERP [dBW] 36.0206
 ERPH [dBW] 33.0103
 ERPV [dBW] 33.0103
 Height (amsl) [m] 134.0
 Antenna Height [m] 100.0
 Polarisation M
 Antenna Type Internal 36 Antenna
 AZM ND

TV/FM Network Processor Settings

Result Type WantedLevel
 Radio Service FM Broadcast
 Summation Procedure Maximum
 E Minimum [dBuV/m] 54.0
 Receiv. Antenna Discr. Yes
 Polarisation Discr. No
 Intermediate Frequency No
 Frequency Difference [Hz] 100.0
 Receiving Mode Stereo
 User Protection Ratio No
 Receiver Polarisation Matched
 C/I Post Processing No
 Result Scaling Maximum Raster
 Result Area Bounding Rectangle
 RX Antenna Orientation No

Field Strength calculation / Protection ratio

Name	Freq.[MHz]	Propagation Model	H.[m]	Ant.H.[m]	Rec.Hgt.[m]	Ter.Resol.[m]	TS	Fst
PRD	94.300	ITU-R 1546 RRC04 Terrain	134.0	100.0	10.0	200.0	S	fst.

Number of involved Transmitter(s): 1