

introduction

The ILT to VLR path can have several combinations as shown in Figure 224. Four panels characterised the path between the ILT and ILR.

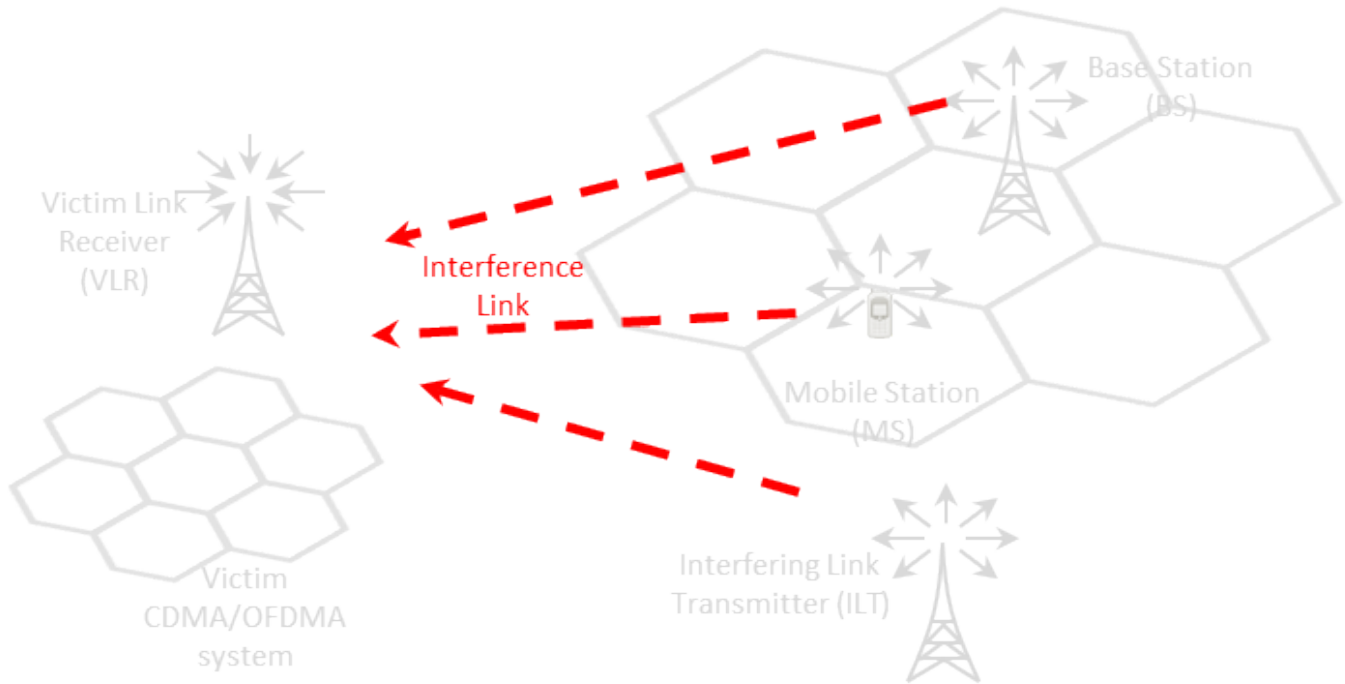


Figure 221: ILT to VLR path combination with generic and cellular system

Frequency [Constant(900.0)] MHz ⓘ

Interfering Link Transmitter to Victim Link Receiver Path

Relative Positioning

Mode: ⓘ

Reference compo...:

Position relative to:

Delta X: [Constant...] km

Delta Y: [Constant...] km

Minimum coupling ...: [Constant...] dB

Mode "Closest interferer" Configuration

Path azimuth: [UniformDistri...] deg

Protection distance [Constant(0.0)] km

ILR at center

Set ILR at the center of the ILT distribution

Propagation Model

Library:

Name:

Description:

Frequency range:
30 MHz - 3 GHz

Distance range:
up to 40 km

Typical application area:
Mobile services and other services working in non-LOS/cluttered environment. Note that in theory, the model can go up to 100 km since the curvature of the earth is included, but in practice it is recommended to use it up to 40 km.

Information:
Note that the Hata model assumes that the specified antenna heights of transmitter and receiver are heights above ground.

Notes:

Variations

General environment:

Propagation environment:

Wall loss (indoor indoor): dB

Wall loss std. dev. (indoor indoor): dB

Loss between adjacent floor: dB

Empirical parameters:

Size of the room: m

Height of each floor: m

Figure 222: Transmitter to Victim Link Receiver Path (ILT -> VLR)

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