

Introduction

It can be the ILT or the VLT as illustrated in Figure 146.

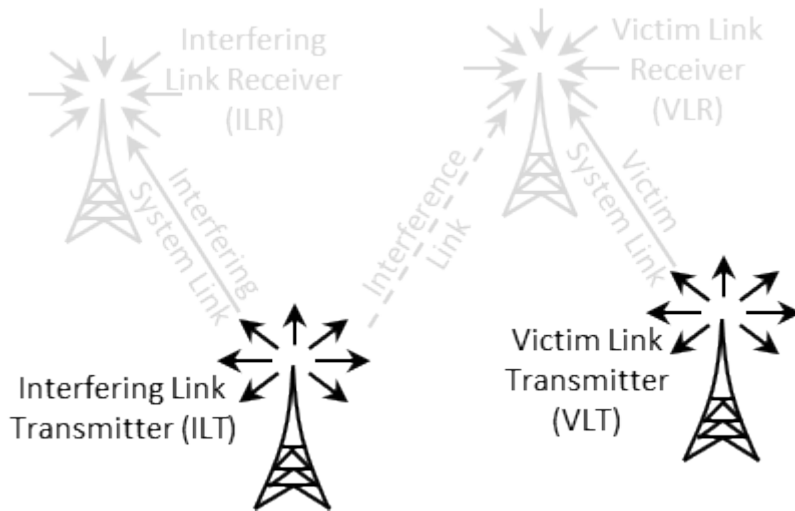


Figure 146: Transmitter illustration as ILT or VLT

It consists in 4 panels (Figure 147); Transmitter identification, antenna pointing, antenna patterns identification, emission characteristics.

Receiver

Transmitter

Transmitter to Receiver Path

Transmitter identification

Library

Name

DEFAULT_TX

Description

Antenna pointing

Antenna height

Constant(1.5)

Distribution

m

☒Azimuth ref.: 0 deg. is pointing to the Rx

Antenna azimuth

Constant(0.0)

Distribution

deg

☐Elevation ref.: 0 deg. is pointing to the Rx

Antenna elevation

Constant(0.0)

Distribution

deg

Antenna Patterns Identification

Library

Name

DEFAULT_ANT

Description

Antenna Peak Gain

0.0

dB

☐Horizontal

Pattern

☐Vertical

Pattern

Emission characteristics

Power

Constant(33.0)

Distribution

dBm

☐Interferer is CR

Emissions mask

User defined ...

Edit

dBc/Ref.BW

☐Emissions floor

Spectrum Emis...

Function

dBm/Ref.BW

☐Power Control

Power control step size

2.0

dB

Min threshold

-103.0

dBm

Dynamic range

6.0

dB

Figure 147: Transmitter GUI

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