

Introduction

5 panels characterised the positioning of a cellular system. This panel is the same whether a CDMA (UL/DL) or OFDMA (UL/DL) is simulated.

The screenshot displays a software interface for configuring a cellular system layout. The interface is divided into several panels:

- System:** Number of Base stations in the system: 57. Cell layout: 2-tiers, Single-Sector, 1-tier, Tri-Sector (3GPP), Single cell, Tri-Sector (3GPP2). Cell radius: 5.0 km. BS to BS distance: 8.66 km.
- System Layout preview:** A central red cell is surrounded by a hexagonal grid of blue cells.
- Mobile:** Antenna height [Constant(0.0)]: Distribution, m. Antenna gain [Constant(0.0)]: Distribution, dB. Mobility [User defined ...]: Distribution, km/h.
- Base Station:** Antenna height [Constant(1.5)]: Distribution, m. Antenna tilt [Constant(0.0)]: Distribution, deg. Library: [Library icons]. Name: Peak gain antenna. Description: this always returns the peak gain value specified. Antenna Peak Gain: 0.0 dBi.

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