

8.3.1 CDMA general settings

Table 27: CDMA general settings input parameters

| Description | Symbol | Type | Unit | Comments |
|-----------------------|--------|--------|------|--|
| Receiver Noise Figure | | Scalar | dB | Equipment-specific noise figure of receiver. It is used to calculate the noise floor. See Section 1.2.2 |
| Handover margin | | Scalar | dB | Specifies the maximum difference between the links in users active list. The actual active-list selection is based on pathloss calculations. |
| Call drop threshold | | Scalar | dB | Threshold to determine call drops. It is used by the power control to determine if a user should be dropped when not meeting exact target requirement. |
| Voice bit rate | | Scalar | kbps | it is used to calculate the processing gain. See Section 8.7.1. $\text{processingGain} = 10 \cdot \log_{10}(\text{systemBandwidth (MHz)} / \text{voiceBitRate (kbps)} * 1000);$ |
| Reference bandwidth | | Scalar | MHz | Bandwidth of the system. It is the same for either UL or DL. |
| Voice activity factor | - | - | - | It is set to 1, i.e. 100% (all voice users that are generated are active). It is not editable. |

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|-----------------------|--|----------------|----|--|
| Minimum Coupling Loss | | Scalar | dB | The minimum path loss. It is used in the calculation of the effective path loss depicted in section 7.6.1 |
| Link Level Data | | Function (X,Y) | | Drop-down selection of Link level data look-up functions from Library. It is user's responsibility to choose an appropriate set of data. See Section 8.5 for further details |

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