

12.6 OFDMA output results

The results of the OFDMA simulation are given in terms throughput loss of the OFDMA victim. Figure 263 presents an overview of the simulation results. It consists of the achieved bitrate (with or without external interference) for the reference cell or the whole system.

A summary of the bit rate loss expressed in percentage for both the reference cell and the entire OFDMA network (i.e. the whole system) is also available. The percentage calculation is performed for each snapshot and the mean of the percentage over all the snapshots is deduced.

The image shows two panels from a simulation results display. The top panel, titled 'OFDMA Results', contains a table with 14 rows of simulation metrics. The bottom panel, titled 'Victim Pre Simulation', contains a single row of data.

OFDMA Results			
Average capacity lo...	0.0	%	Double
Average bitrate loss...	0.0	%	Double
Average capacity lo...	0.0	%	Double
Average bitrate loss...	0.042	%	Double
Non Interfered Cap...	Array[100]	Active served users	Vector
Non Interfered Bitrat...	Array[100]	kbps	Vector
Non Interfered Cap...	Array[100]	Active served users	Vector
Avg Non Interfered ...	Array[100]	kbps	Vector
Dropped before inte...	Array[100]	users	Vector
Interfered Capacity, ...	Array[100]	Active served users	Vector
Avg Interfered Bitrat...	Array[100]	kbps	Vector
SINR, Victim system	Array[100]	dB	Vector
SINR, Victim ref cell	Array[100]	dB	Vector
Interfered Capacity, ...	Array[100]	Active served users	Vector
Interfered Bitrate, re...	Array[100]	kbps	Vector

Victim Pre Simulation		
Coupling loss perc...	177.953208749687...	Double

Figure 263: Example of the OFDMA results display panel

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