

2.11 Simulation results overview

Once a simulation is complete a workspace result (see Section 2.4.2) is automatically created within SEAMCAT where it is possible to extract any results vector. Depending on the nature of the victim system (i.e. generic, CDMA or OFDMA), the results vectors may vary. Further details about the nature of the results can be found in Section 12.

The bottom of the results panel contains the scenario statistics of the simulation's run (number of processor utilised, total simulation duration etc...). The statistics display is irrespective of the radio system simulated.

iRSS Unwanted ? Cellular results			
External Interference (Reference cell), Unwanted	Array[10]	dBm	Vector
iRSS Selectivity			
External Interference (Reference cell), Selectivity	Array[10]	dBm	Vector
OFDMA Results ?			
Average bitrate loss (ref. cell)	0.0	%	Double
Average bitrate loss (system)	75.208	%	Double
Non Interfered Bitrate, ref cell	Array[10]	kbps	Vector
Avg Non Interfered Bitrate, system	Array[10]	kbps	Vector
Avg Interfered Bitrate, system	Array[10]	kbps	Vector
SINR, Victim system	Array[10]	dB	Vector
SINR, Victim ref cell	Array[10]	dB	Vector
Interfered Bitrate, ref cell	Array[10]	kbps	Vector
Statistics ? Statistics results			
Simulated performed on	4	processor	Integer
Total simulation duration	2.033	second	Double
Event generation duration	1.393	second	Double
Calculation rate	7	events/second	Integer
Simulation date	2015-11-12 14:59:09	N/A	String
Simulation seed	7129514379426885709		Long Integer

Figure 36: Overview of the results panel using a cellular victim system and the statistics panel