

# 12.1 Scenario outline

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# 12.1.1 Simulation Summary

The simulation summary (left of Figure 242) provides a quick access to the mean, median and standard deviation of the dRSS, iRSS unwanted and iRSSblocking

The mean is computed using the simulated results in dB. The median is computed using the simulated results converted to linear values and then converted again to dB. The standard deviation (StdDev) is computed using the simulated results in dB. This is further explained in Annex A1.5.1.

# 12.1.2 Simulation status

The progress bar (right of Figure 242) reflects the percentage of events simulated with respect to overall number of events specified in the simulation control window in the scenario tab.

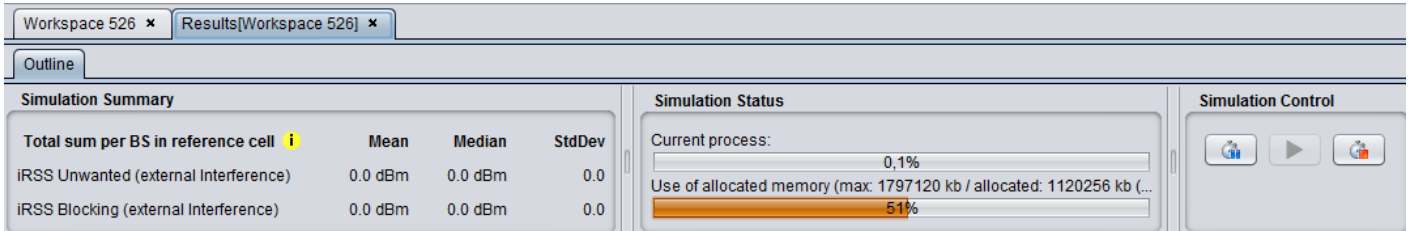
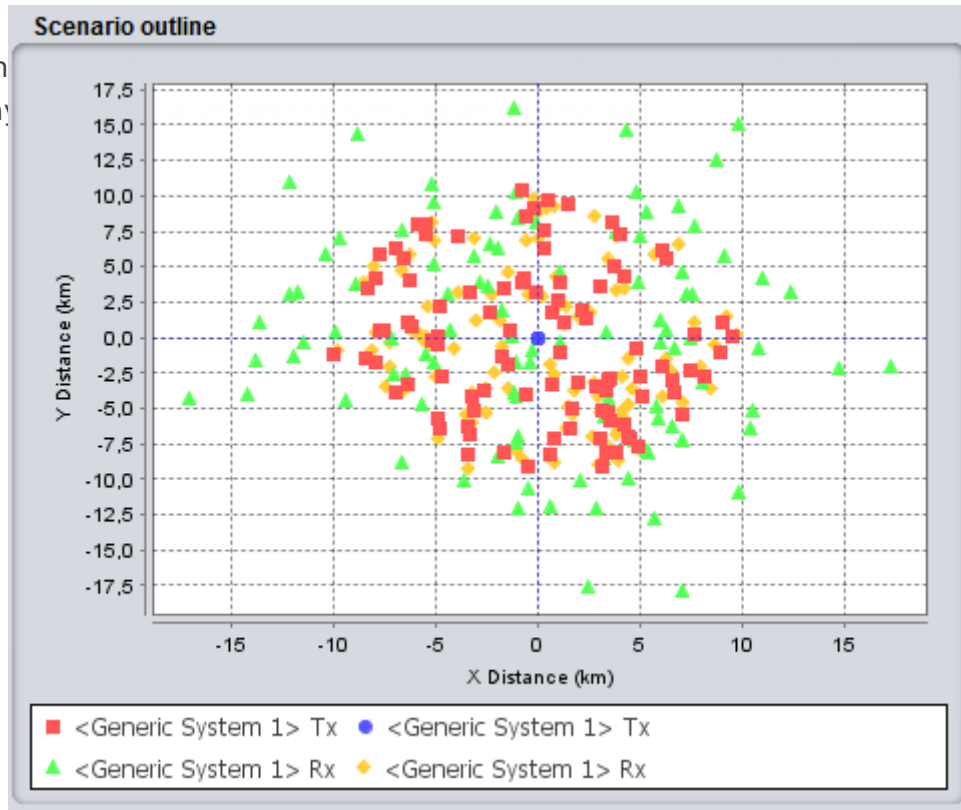


Figure 242: Simulation status

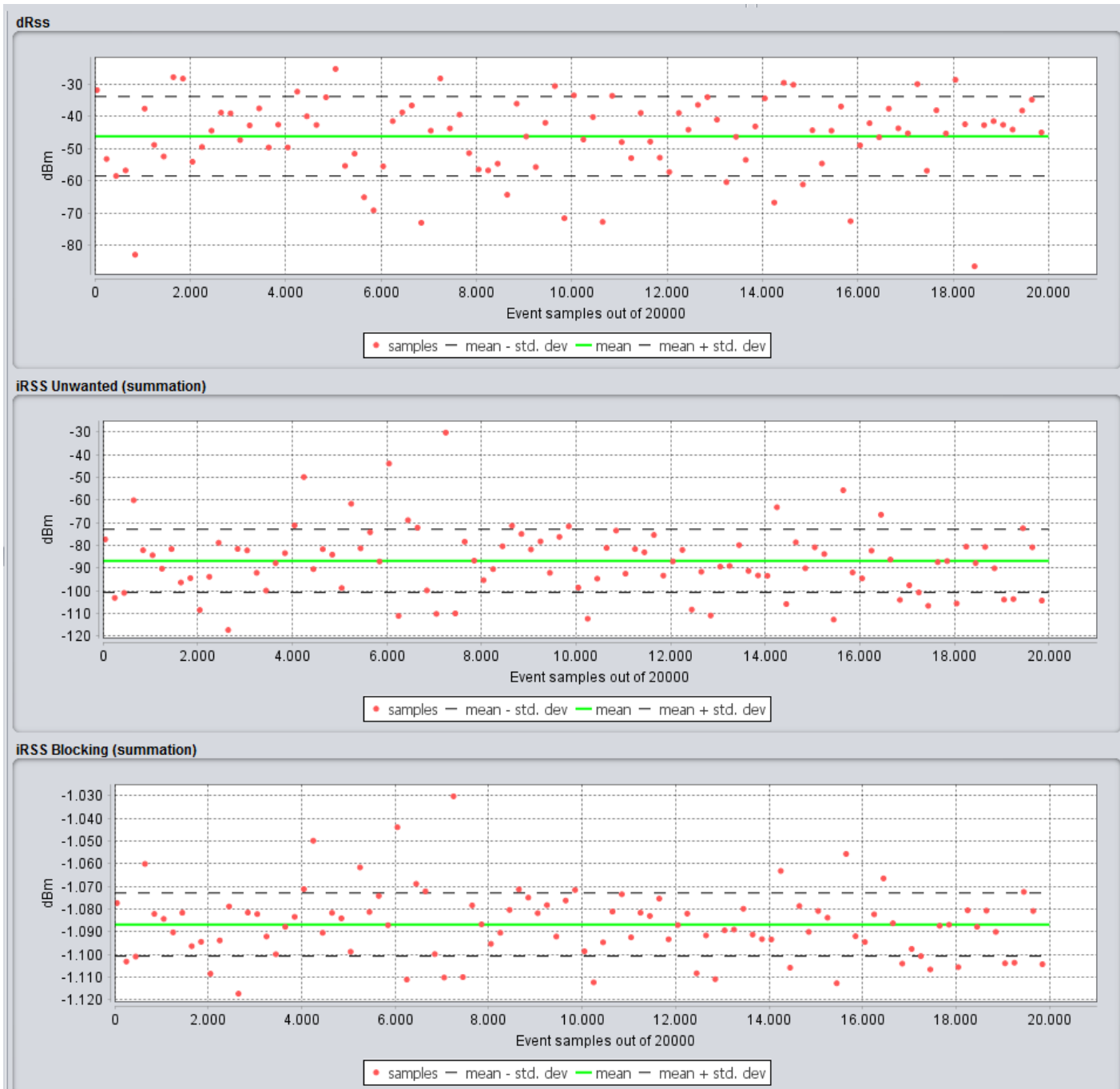
# 12.1.3 Generic system outline

During the even graphical display

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**Figure 243: Example of "Scenario outline" for a generic system 1 vs generic system 2 type of simulation**

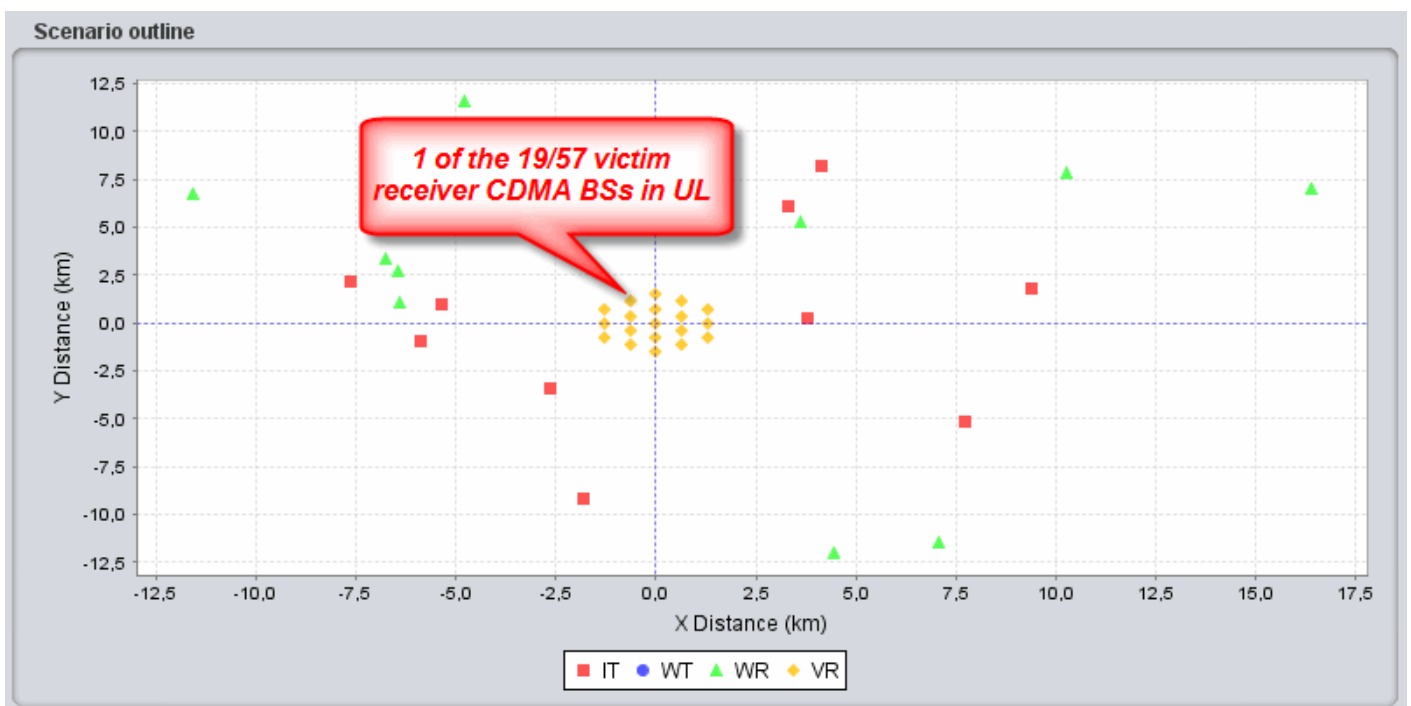


**Figure 244: dRSS, iRSS samples**

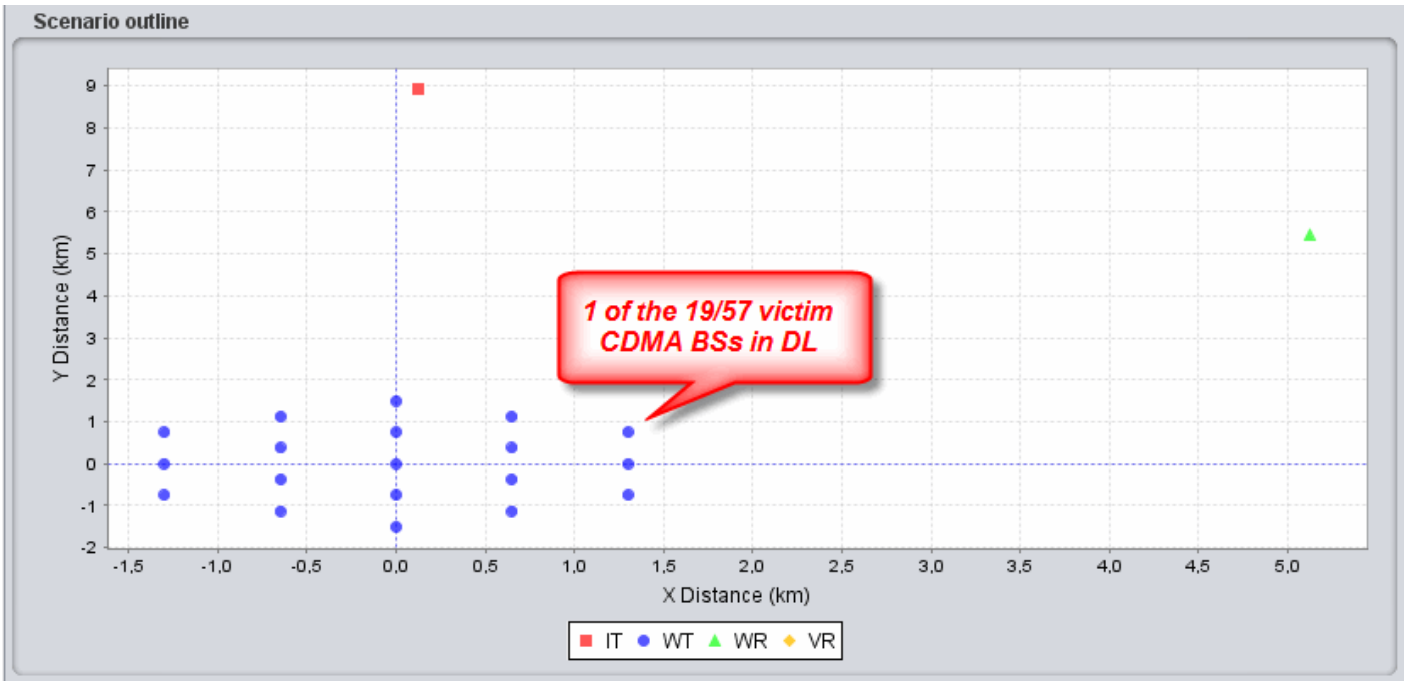
The dRSS and the iRSS vectors are shown for 100 events maximum to avoid overloading the memory and to speed the computation time. The iRSS is shown as a summation of all the interferers.

# 12.1.4 Cellular system outline

Once SEAMCAT has determined the number of UEs per cell either through simulation of optimal capacity (see Figure 197 for UL and Figure 198 for DL or by a value that you specify the actual simulation of snapshots begins. As with all scenarios this causes SEAMCAT to show the scenario outline (Figure 245 for UL and Figure 246 for DL).



**Figure 245: Example: CDMA Uplink as victim - Base-stations are shown as VLR (several snapshots are displayed)**

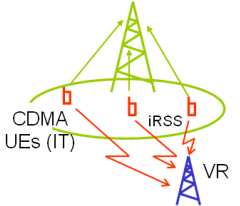


**Figure 246: Example: CDMA Downlink as victim - Base-stations are shown as VLT (1 snapshot displayed here only)**

Only CDMA base-stations will appear in the Scenario outline graph. Dependent on the scenario the base-stations positioning will appear as shown in Table 50.

**Table 50: Role of the cellular element in the scenario outline**

Scenario configuration	BS role	UE role	Positioning	Illustration
<b>CDMA Downlink is victim</b>	Victim link transmitter	Victim link receiver	Reference cell is positioned in (0,0)	
<b>CDMA Uplink is victim</b>	Victim link receiver	Victim link transmitter	Reference cell is positioned in (0,0)	
<b>CDMA Downlink is interferer</b>	Interfering link transmitter	Interfering link receiver	Relative to victim and reference cell	

<b>CDMA Uplink is interferer</b>	Interfering link receiver	Interefering link transmitter	Relative to victim and reference cell	
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