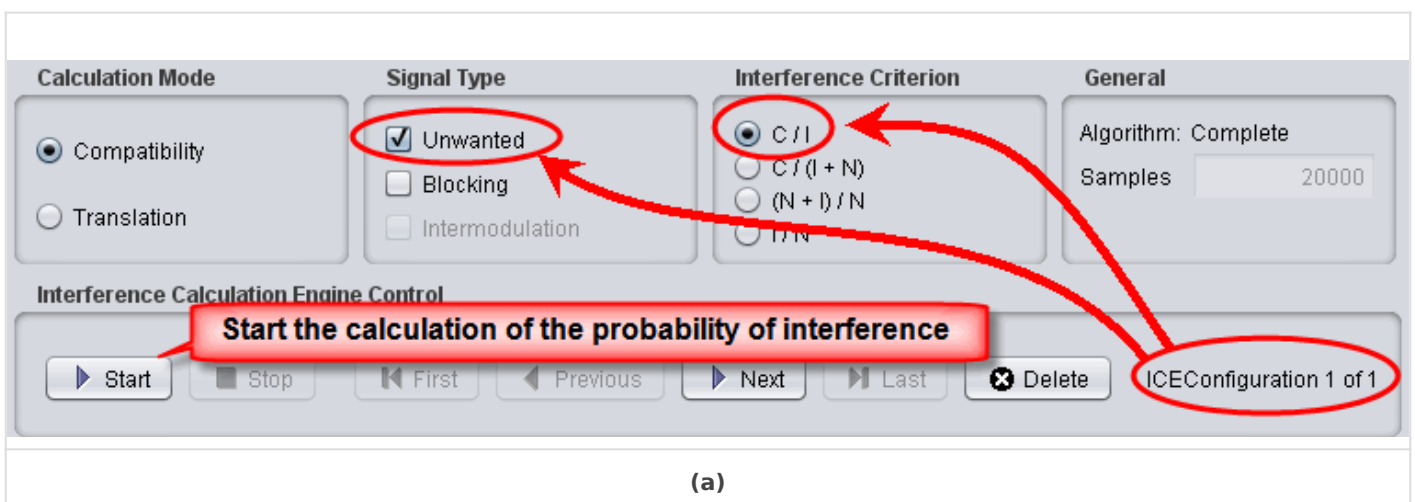
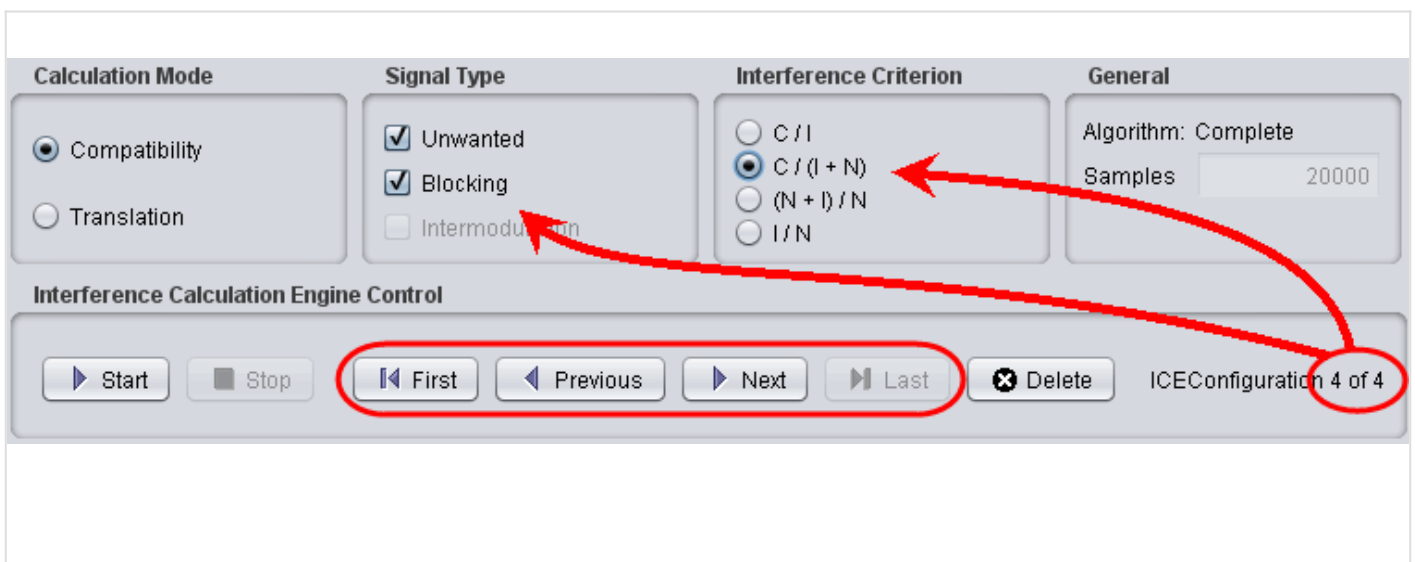
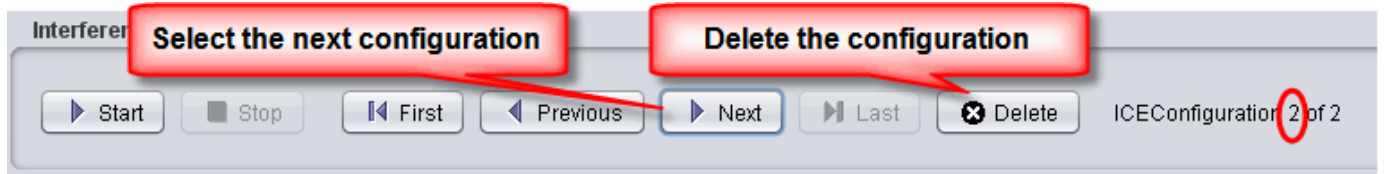


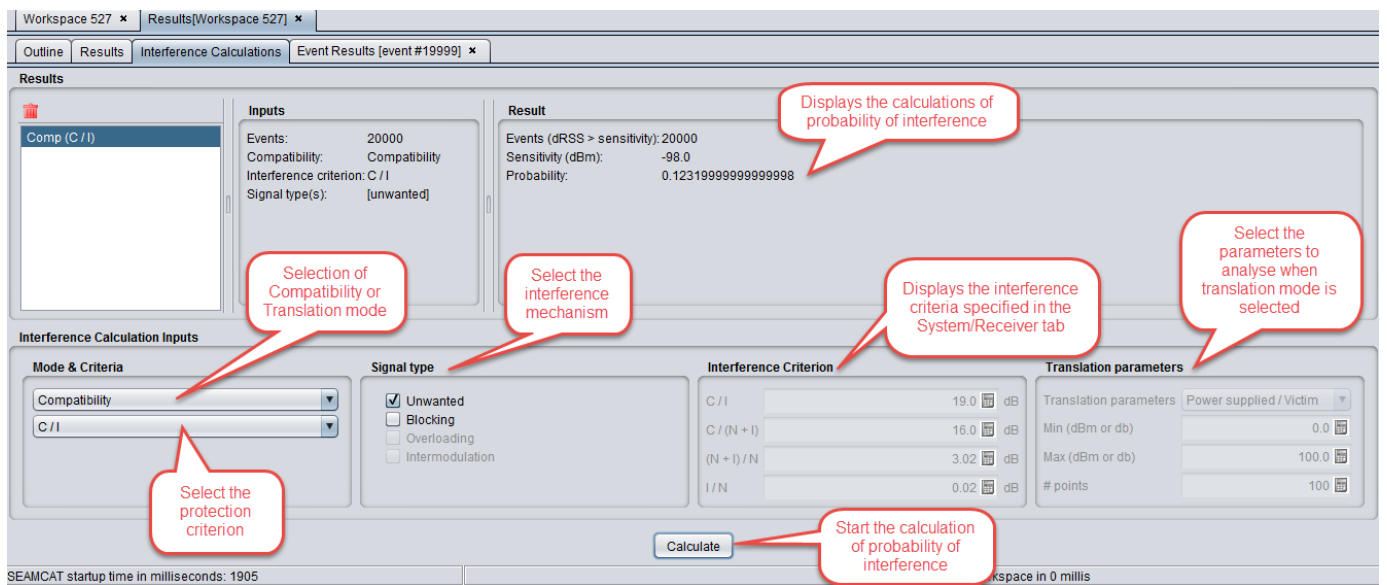
12.9.3 Interference Calculation Engine Control

It allows to the calculation of the probability of interference for several ICE configurations (i.e. different signal types, interference criteria, etc..) for the same simulation. Figure 272 presents how the control box is used.





(b)



(c)

Figure 272: Use of the Interference Calculation Engine (ICE)

When the translation mode is activated, the overloading feature is deactivated as shown in Figure 273.

Interference Calculation Inputs

Mode & Criteria	Signal type	Interference Criterion	Translation parameters
Translation C/I	<input checked="" type="checkbox"/> Unwanted <input type="checkbox"/> Blocking <input type="checkbox"/> Overloading <input type="checkbox"/> Intermodulation	C/I 19.0 dB C/(N+I) 16.0 dB (N+I)/N 3.02 dB I/N 0.02 dB	Translation parameters: Power supplied / Victim Min (dBm or db) Max (dBm or db) # points 100

Calculate

Figure 273: When translation is activated, the overloading feature is de-activated

Revision #2

Created 2026-04-30 08:46:02 UTC by ECO TECH

Updated 2026-04-30 08:48:21 UTC by ECO TECH