13.4.4 Receiver elements

To create or modify a library receiver element, select the **Receivers** command from the **Library pull-down menu** or directly with **CTRL+SHIFT+R**.

This activates the Receiver Library window which displays a list of existing receiver elements in the library. Please note that it is the same interface as in the workspace, so that it is easy to fill. If no receiver has been previously created , the list will contain only the DEFAULT receiver elements:

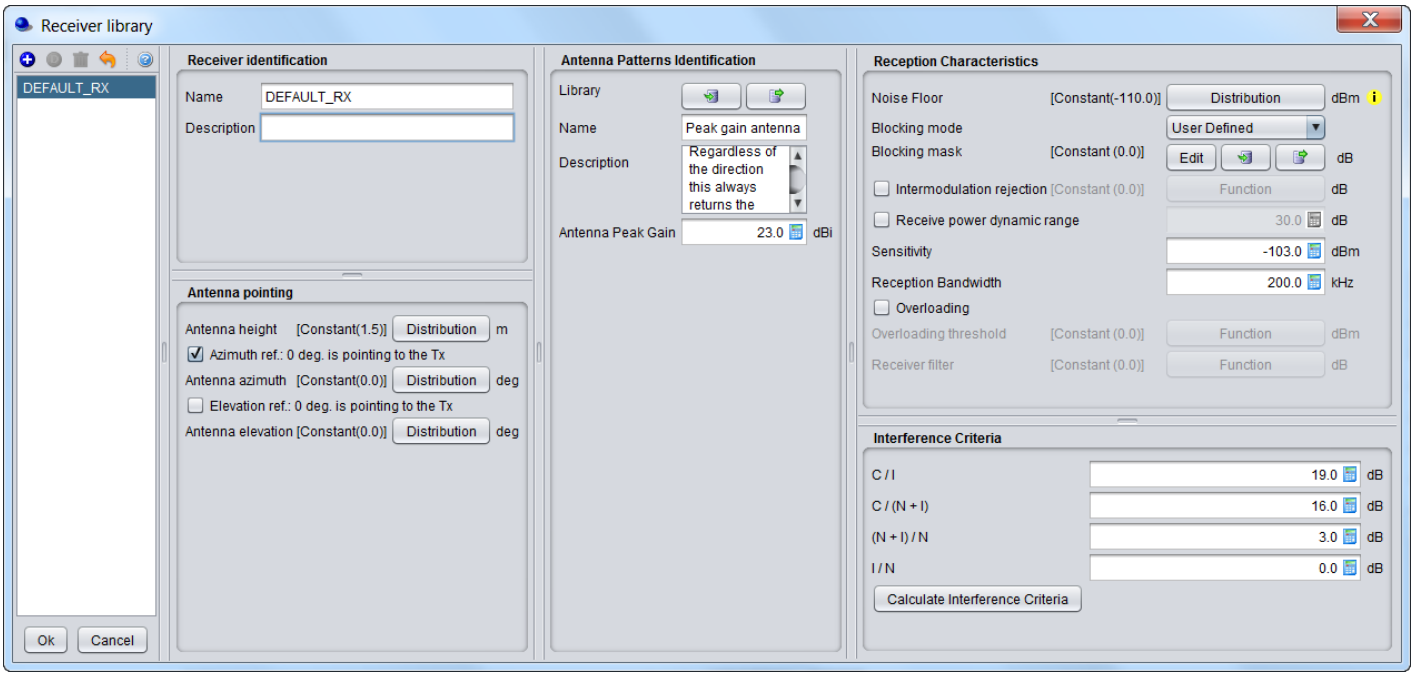

Figure 288: Receiver library elements

The parameters of receiver are grouped in 5 different panels:

- **Receiver identification**: to define receiver name (unique identifier), description;
- **Antenna pointing**: It contains all information relative to the antenna other than the radiation pattern (Please read here more about antenna azimuth/elevation settings);
- **Antenna patterns identification**: to define a specific antenna to be associated with that particular receiver. Note that is possible to select one of the existing antenna library elements or define completely new antenna parameters to be associated only with the given receiver;
- **Reception characteristics**: to define the basic receiver features, such as bandwidth, sensitivity, blocking (selectivity) function, etc.;

- **Interference criterion**: to define the required minimum C/I and/or other interference criterion, as appropriate.

Note 1: It is possible to scroll up and down and see the differences in the receivers.

Note 2: It is possible to create a receiver from the workspace and export it to your library environment

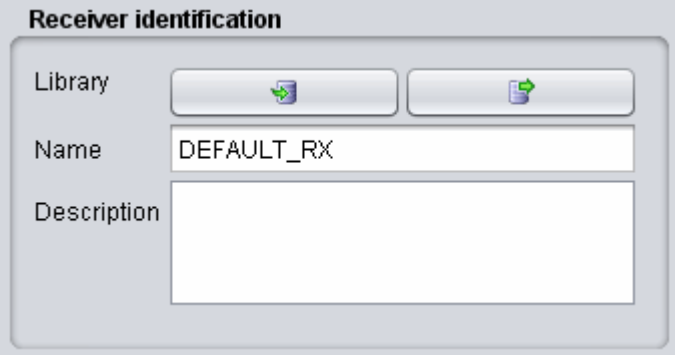

Figure 289: Example on how to import/export to/from the workspace/library for the receiver elements

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