

13.5.1 Antenna plugin elements

To create or modify a library element containing parameters of a particular antenna, select the **Antennas** command from the **Library pull-down menu** or directly with **CTRL+SHIFT+A**.

Since the antenna is implemented as a plugin, it is possible to include a new antenna plugin using the .jar installer and to add it to the list of existing pre-defined antennas. Any of the antenna elements is then selectable as shown in the picture below:

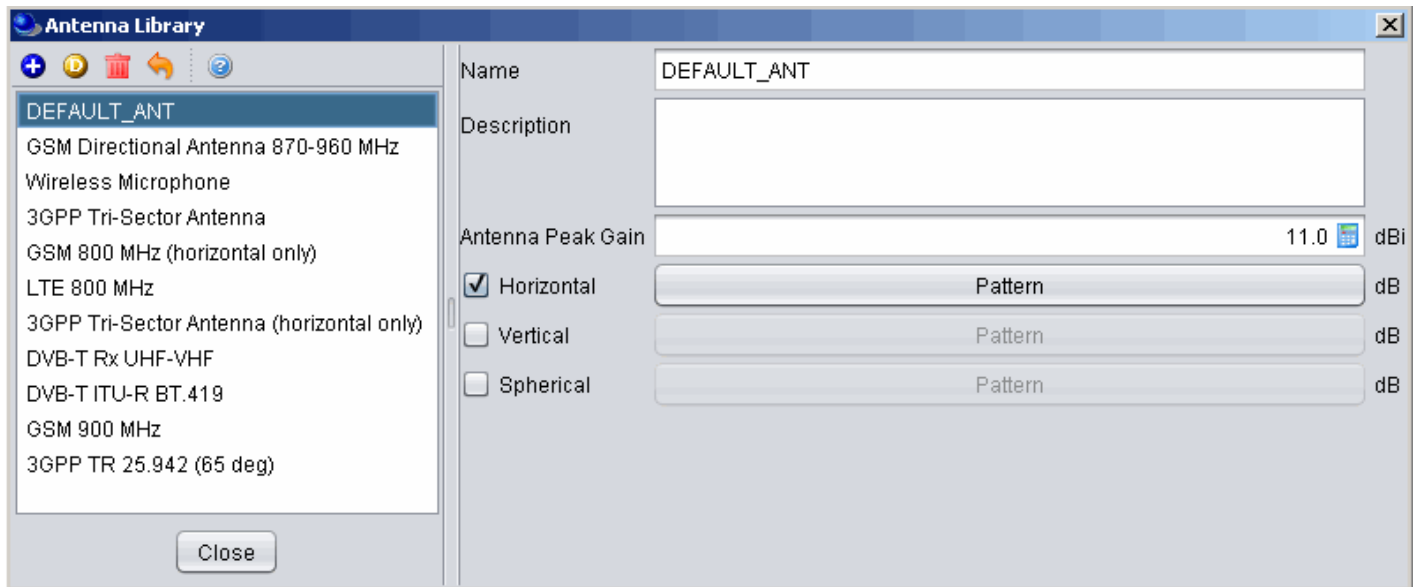


Figure 295: Example of the antenna library

When adding a new antenna, enter the name (unique identifier) and description of the antenna as well as its technical parameters - peak gain and one or more radiation patterns, as necessary. See Annex A11.6 for further details.

Note 1: It is possible to quickly see the antenna pattern with mouse-over capability on top of the pattern button.

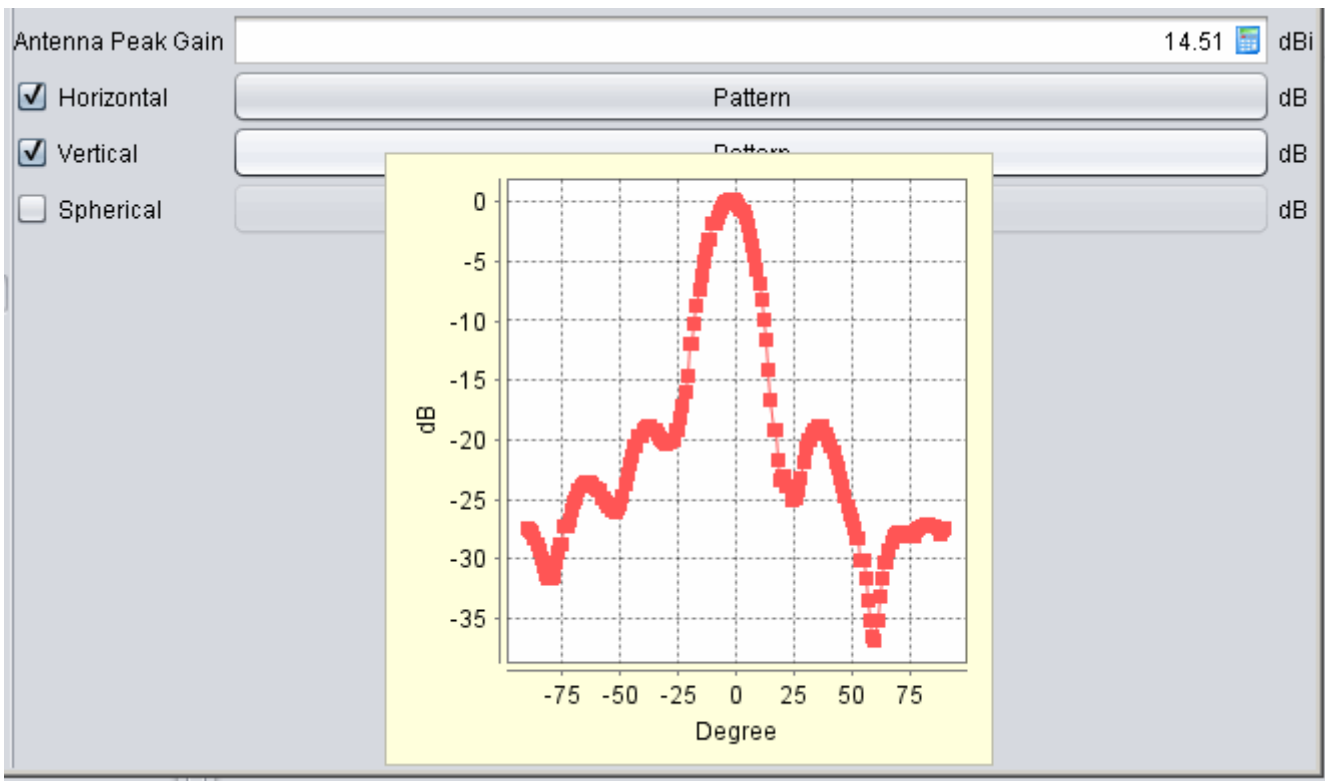


Figure 296: Quick over mouse preview of the pattern

Note 2: If none of the radiation patterns is checked, SEAMCAT will assume this being an omnidirectional antenna.

Note 3: It is possible to create an antenna from the workspace and export it to your library environment.

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