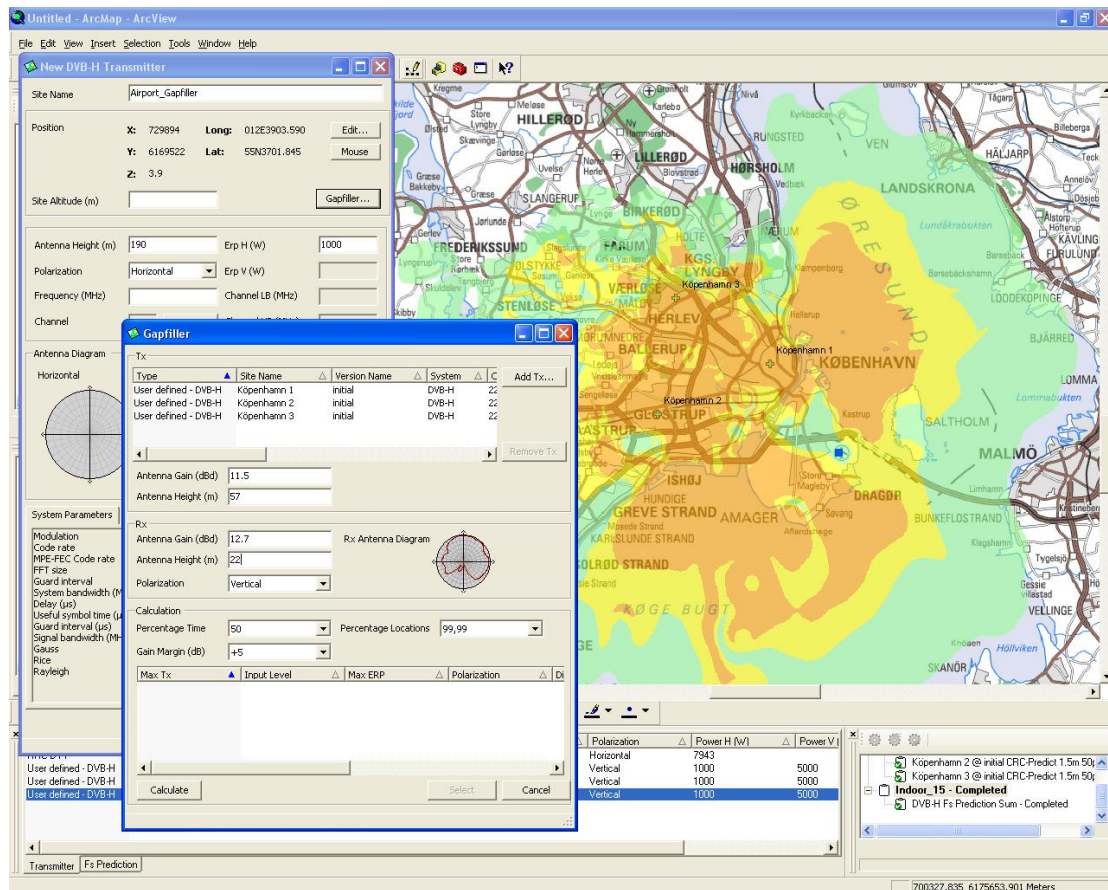




### DVB-/H and T-DAB SFN Gap filler Planning



#### GENERAL

Use of the SFN gap filler technique is an effective way of reducing cost in the network implementation as well as simplifying the DVB-T/H and T-DAB network design. The gap filler receives the signal from a main station “off air” eliminating the need for a direct program feed to each site. The gap filler approach is of particular value in mountainous terrain and in built-up areas.

In order to take full advantage of the gap filler technique, careful planning is necessary. In GiraPlan<sup>®</sup>, gap filler planning is made both simple and efficient since GiraPlan<sup>®</sup> makes it possible to analyse the network before it is implemented, thus reducing the risk of costly mistakes.

#### PRODUCT FEATURES

The DVB-T/H and T-DAB gap filler planning function handles the whole planning sequence. Some of the features are:

- Ensuring that sufficient isolation is achieved to avoid oscillation
- Definition of power (ERP) in the SFN gap filler
- Gap filler antenna installation, both receiving and transmitting
- Choice of main station
- Coverage analysis

In the final coverage calculation, the full effect of the gap filler is taken into account, including the time delay between the main station and the gap filler.

#### CONTACT DETAILS

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More information about Progira and our products at [www.progira.com](http://www.progira.com)