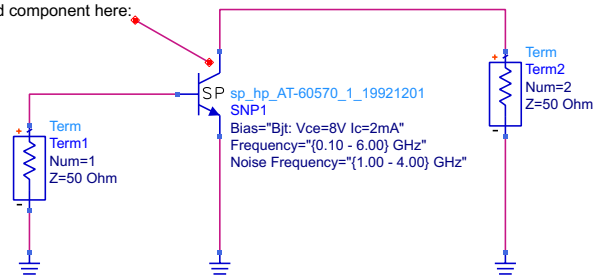


Place S-parameter-based component here:



S-PARAMETERS

S-Parameters
SP1
Start=1.9 GHz
Stop=2.2 GHz
Lin=

S-parameters for both devices will be calculated. Representing the 2 2-port transistors using a single 4-port simulation is an easy way to compare 2 results side-by-side. Results are displayed in ModelVerif.dds.

An equivalent method would be to create 2 separate designs, one for each representation of the device, calculate each set of 2-port parameters, and call the separate data sets in the data display.

Notice that VBE has been set at 0.7753V to ensure the device will draw ICE=10mA for VCC=8V. This value for VBE is calculated in BiasSetup.dsn. Using these values ensures that the model is operating at the same bias that the measured data was taken at.

Place packaged component here:

