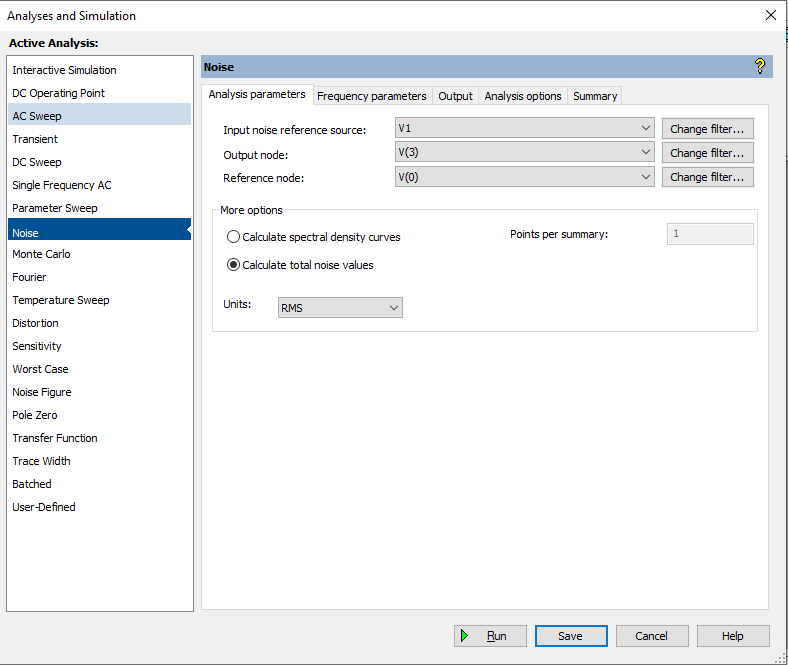
Noise analysis of electronic circuits

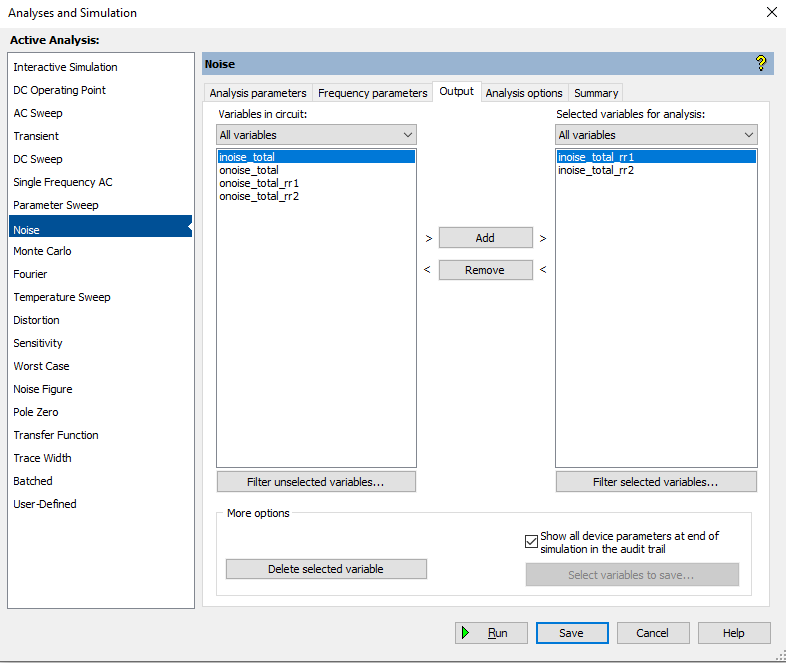
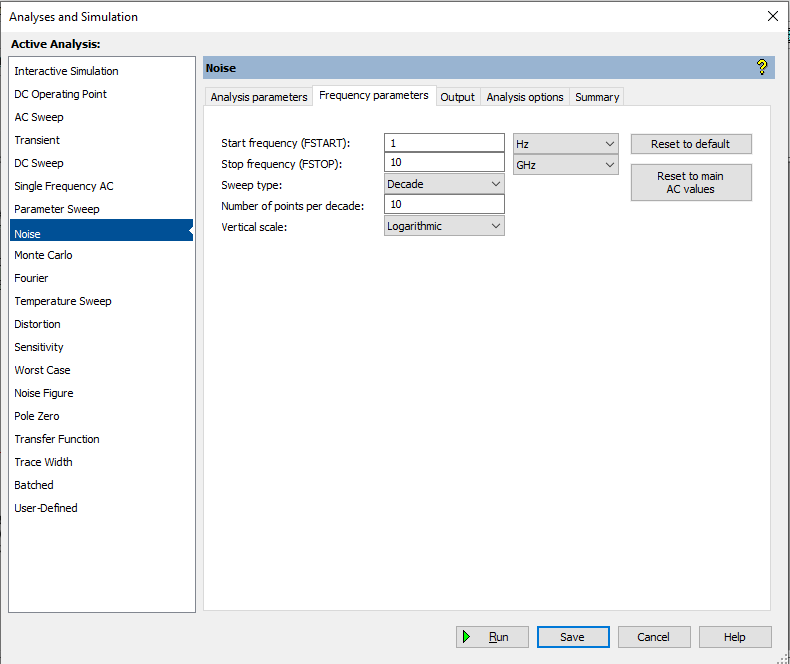
# Circuit Diagram



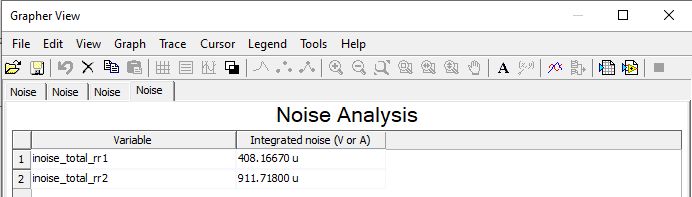
# Case A: Noise Analysis



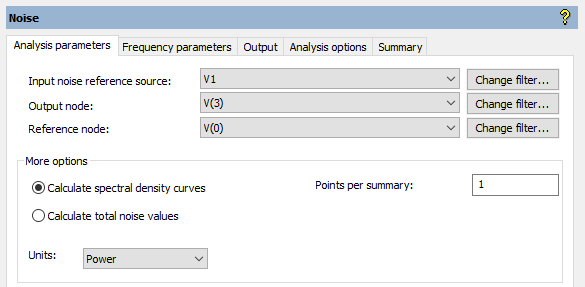
Necessary settings:

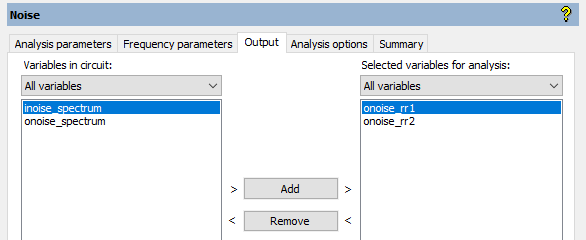


**Result of noise analysis:**

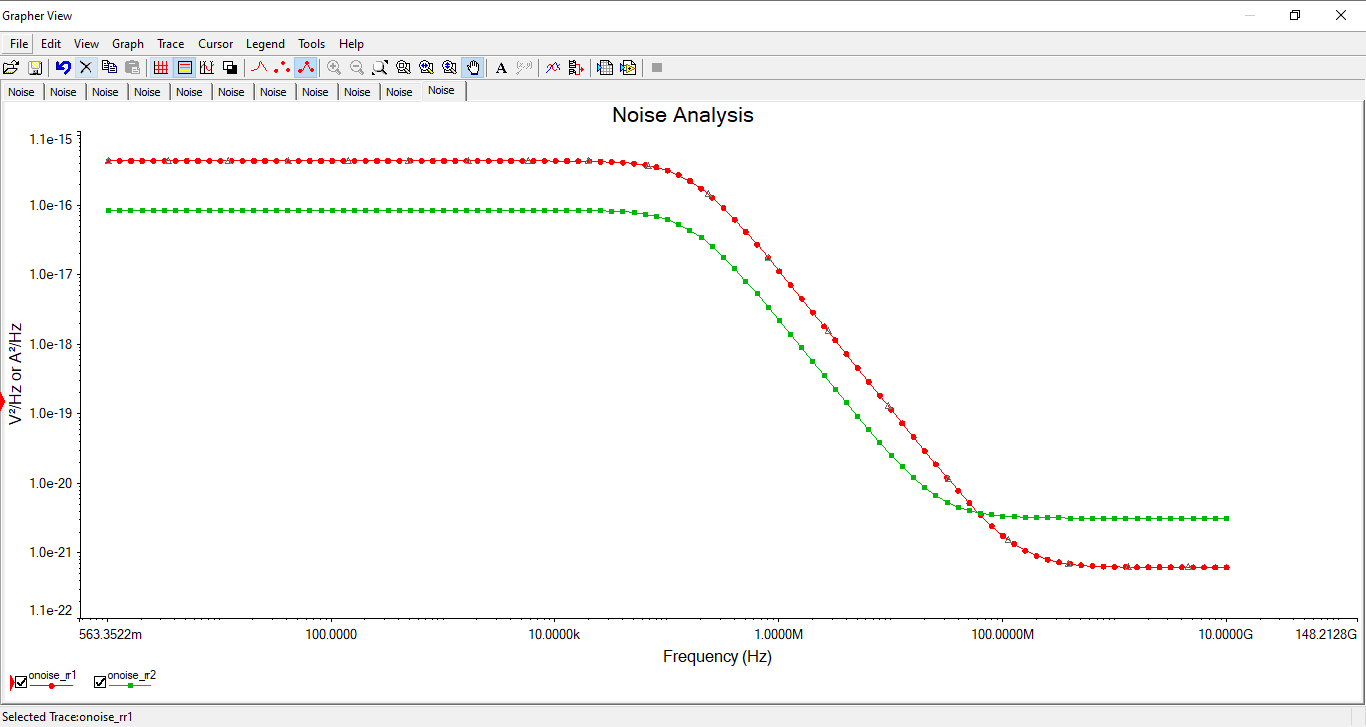


# Case B: Spectral density plot

Necessary settings (only the ones changed from the previous one):



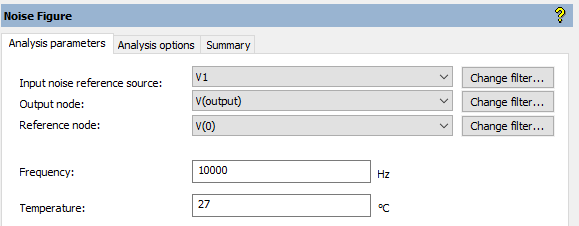
Results:



# Case C: Noise Figure analysis

Circuit Diagram:



Necessary Settings:

Result:

Using bode plotter, it is clear that the gain is maximum

At around 1.5MHz (1.623MHz)

