*=============**MacSpice_Spectrum_Format**=============================
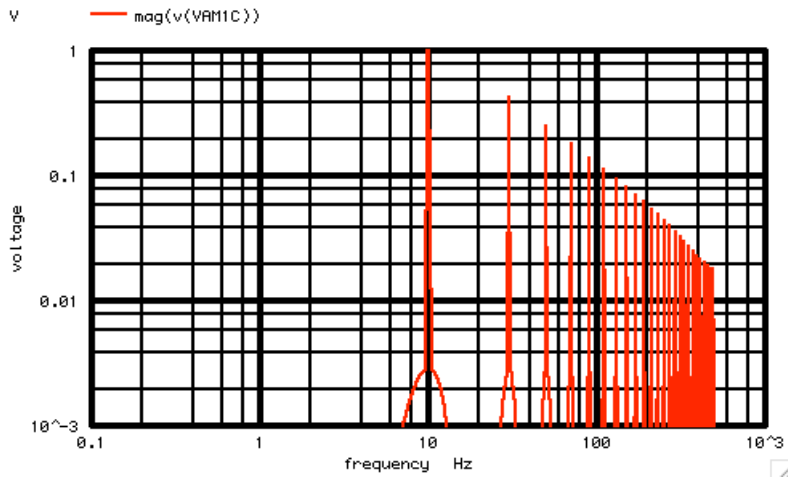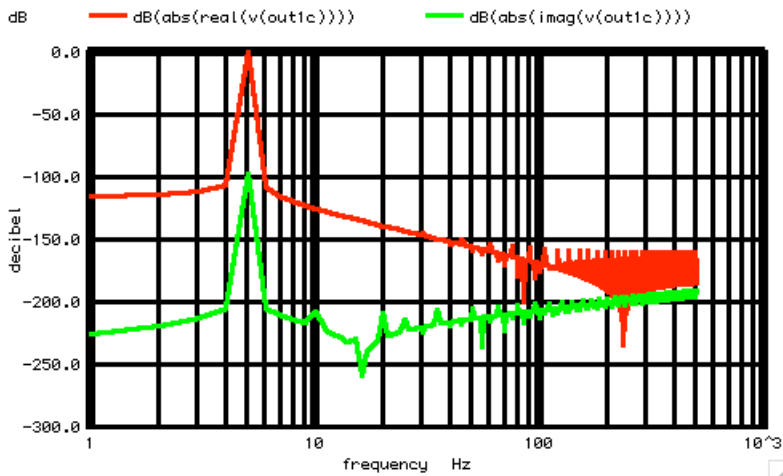
The Euler format may not be the optimum format for a spice spectrum plot.
The following is the format that MacSpices uses.

First,   everyone thinks in terms of **frequency**, not radians per second.
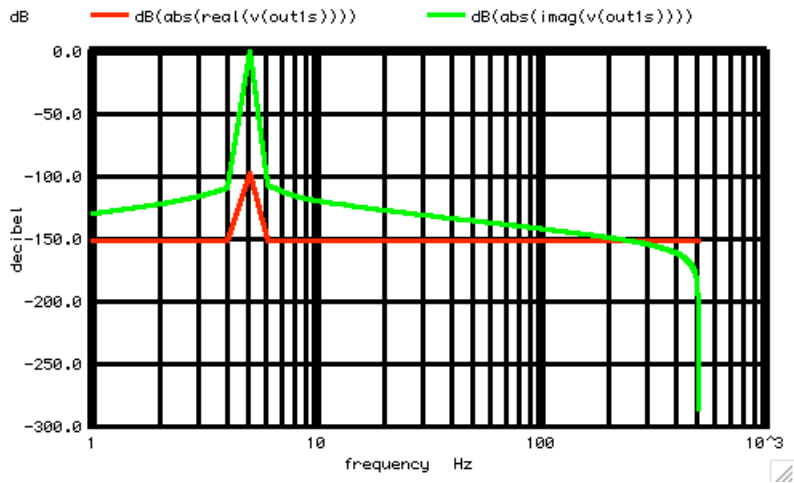

Second,   Signal dynamic range and frequency dynamic range typically
           encourage some type of a **loglog plot.**

Third,   putting in a **unity cosine** wave into a FFT and having
           a real magnitude come out anything other than having
           a gain of one will confuse some people.
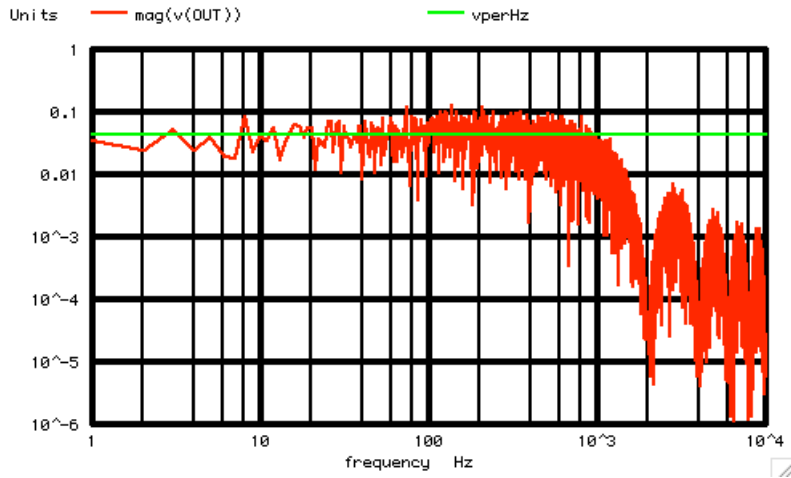

Fourth,   putting in a **unity sine** wave into a FFT and having
           an imaginary magnitude come out anything other than
           having **a gain of one** will confuse some people.

Fifth, having a DC term (frequency = zero)in an FFT output will create some problems when plotting the spectrum as a loglog plot. So it is not used. In other words it is a pure AC plot.

Sixth, the signal is assumed to be in magnitude format, and not RMS format, even for random noise.

2.12.10_2.17PM
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