
Subject: Finding PSD Mean Frequency

Posted by [Mark McGillion](#) on Thu, 22 Apr 1999 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

All,

I have a PSD and would like to find the mean frequency. The goal of this is to fit a gaussian curve to the PSD to represent the mean and variance of the power in the given frequency range. I am making the assumption that the frequency power is normally distributed and can be modelled by 1 or more gaussians. The frequency range is 0-1000Hz.

Any help would be appreciated.

Mark

p.s. please also respond to me at mm@fs1.co.umist.ac.uk.nospam (removing the .nospam)
