I used accelerometer using this scheme:

I was using Spectrum analyser to get frequency response. The spectrum analyser window in PicoScope contains the spectrum analyser instrument. When the spectrum analyser window is active, the spectrum analyser toolbar is displayed at the top of the screen. The spectrum analyser window uses a Fast Fourier Transform (FFT) to convert a set of samples taken at fixed time intervals into a distribution showing the amount of energy in each of a number of frequency bands up to a maximum frequency. The maximum frequency is half the frequency corresponding to the sampling rate.

It's true that accelerometers do not produce data in the frequency domain. They produce acceleration as a function of time, but I was not using oscilloscope to get acceleration. I was using spectrum analyser toolbar to get frequency response (using FFT) and that is the data I have (on X-axis frequency and on Y-axis dB).

Is there any chance to get from this frequency response data with acceleration and time?