

In the question 2, I make the FFT plotting for two scale "decibel scale" and "Linear scale" for frequency. The plot will be continue, when I change the slider or frequency templates.
 $20 * \log_{10} (|fft \text{ out-block}|)$ is "decibel scale"
 $|out-block|$ is "Linear scale"

And we can see when we use less time, the frequency will be lower in decibel scale. (for example)