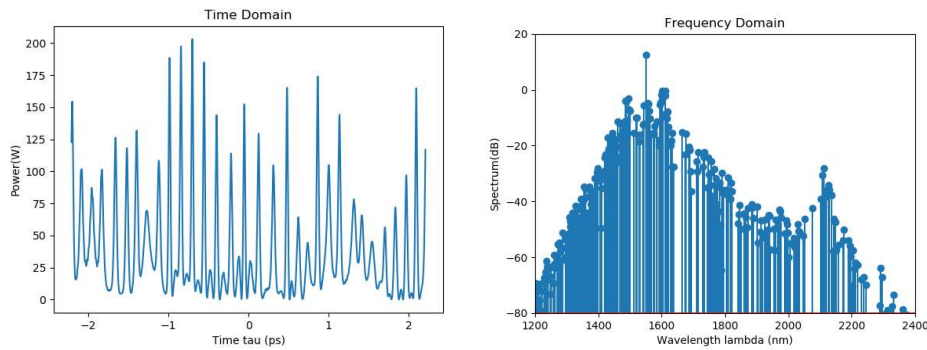Process of generating cnn results:
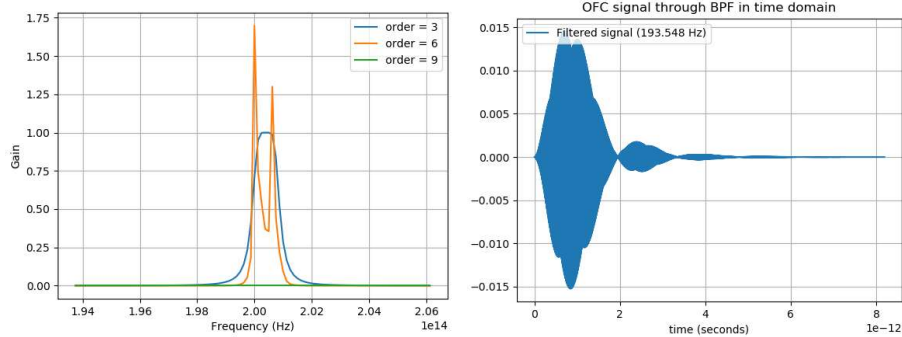
1. Generating comb

Left fig: time domain generation of OFC

Right fig: spectral domain generation of OFC
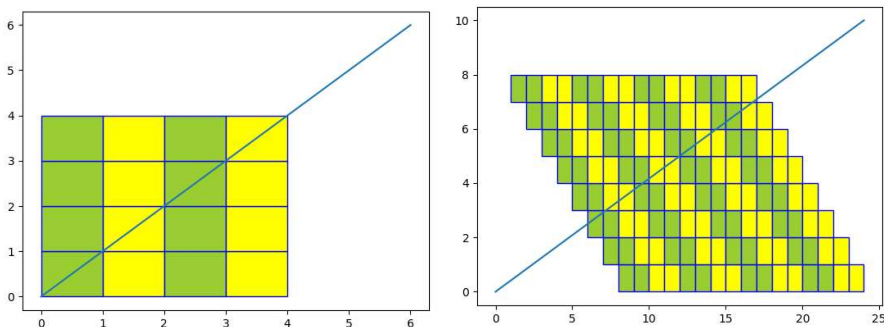
2. Generating band pass filter

Left fig: select comb lines and generate BPF by desired frequency

Right fig: OFC in time domain after the BPF

3. Transmitting image through BPF for delayed signal

Left fig: a simple (4*4) image for processing

Right fig: the unrolled image go through multiple cycles of smf

4. Doing convolution

[[[4. 6. 4.]

 [4. 6. 4.]]

 [[12. 14. 12.]

 [12. 14. 12.]]]