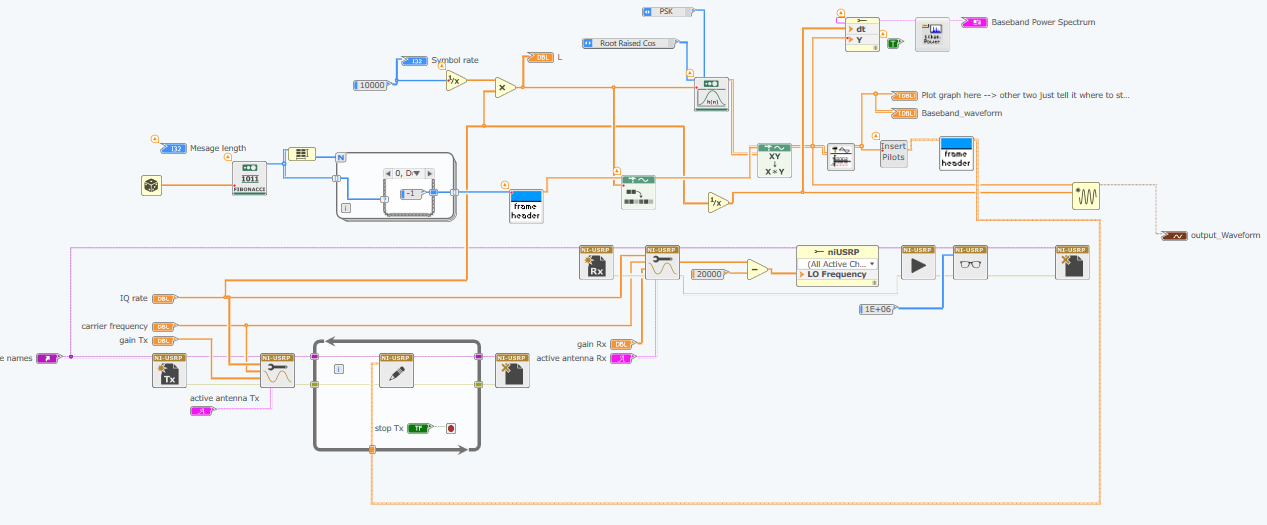
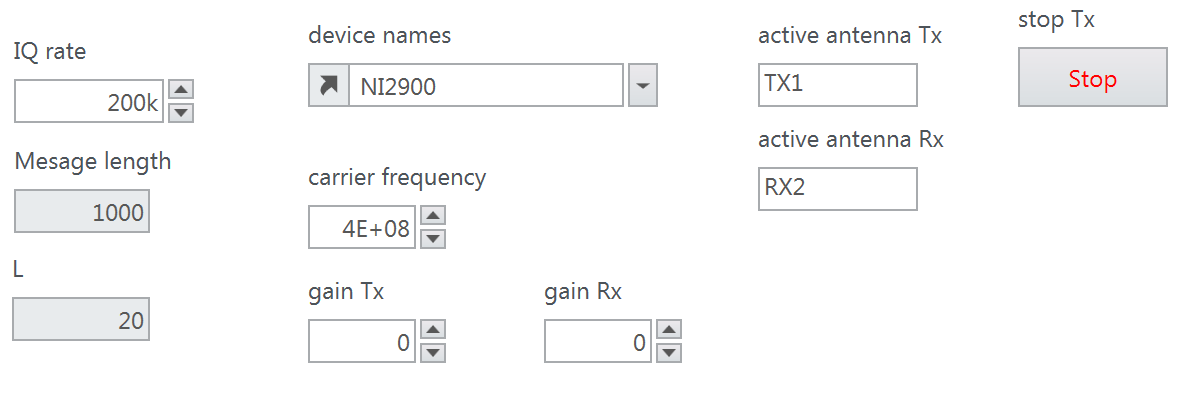
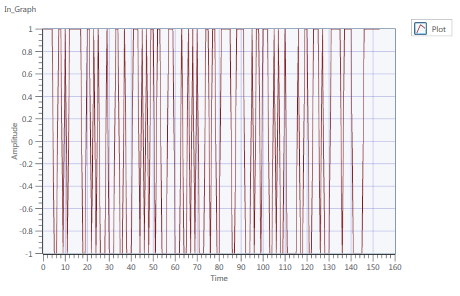
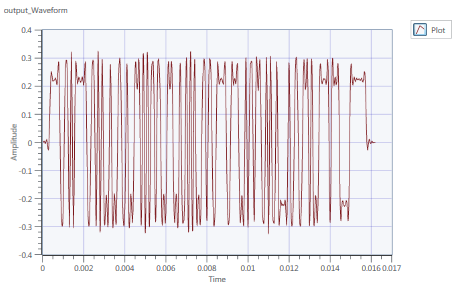
Filter 🡪 relate to sinc function 🡪 check rectangular window

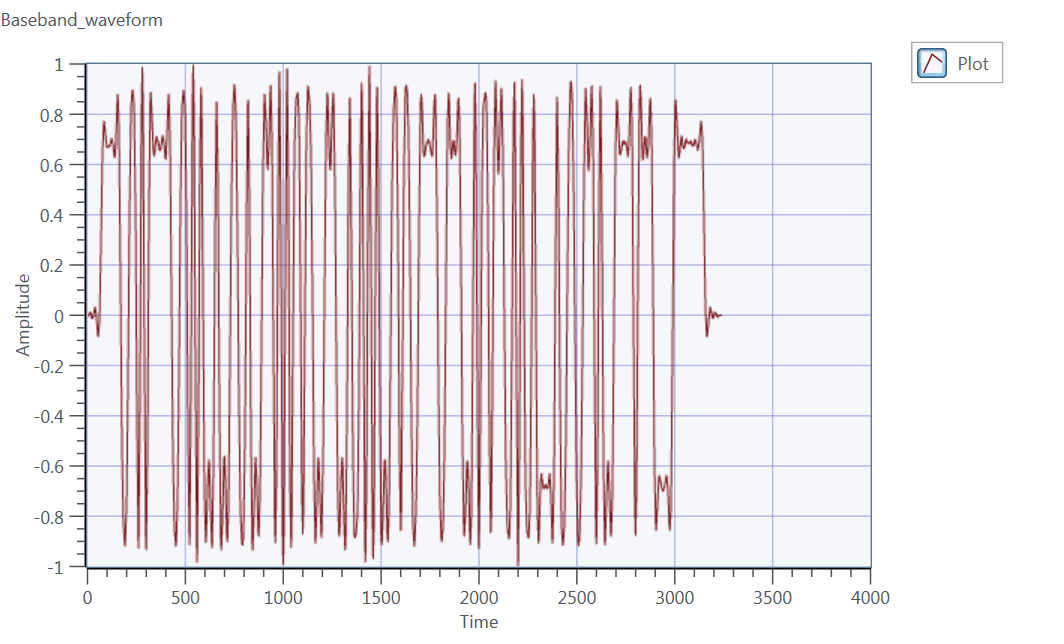
Baseband is limited 🡪 cuts off very quickly.

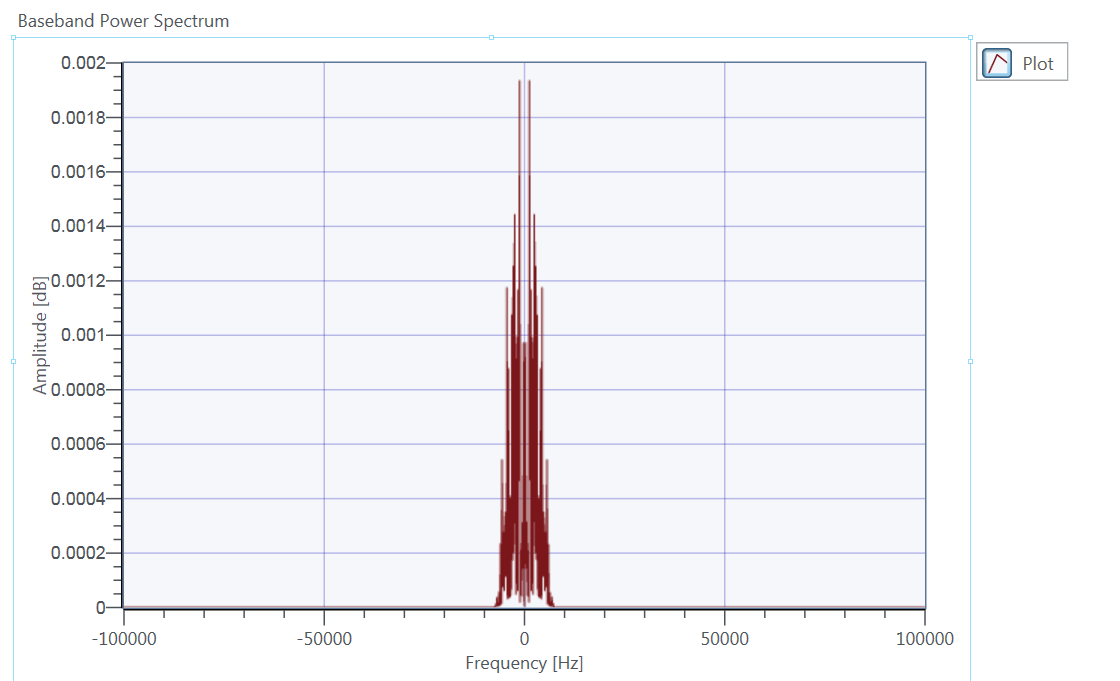


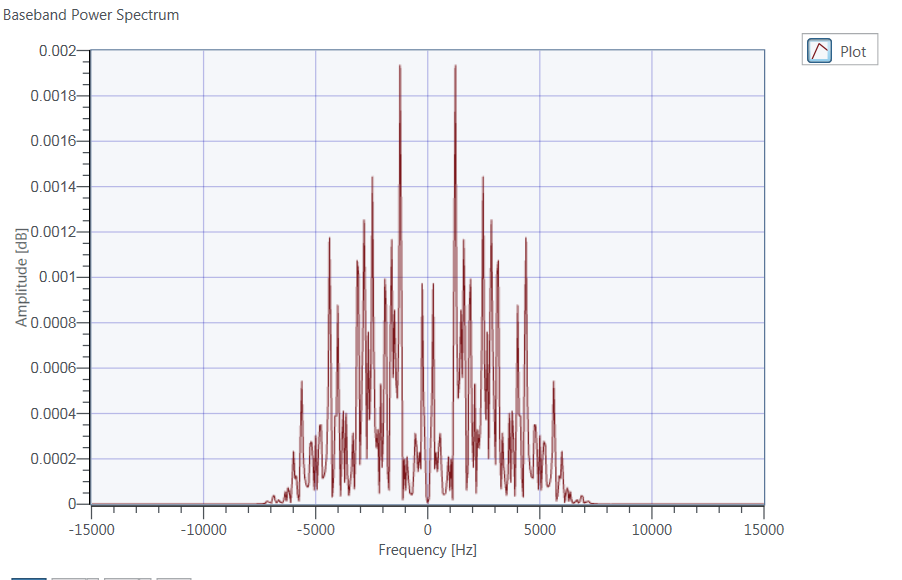




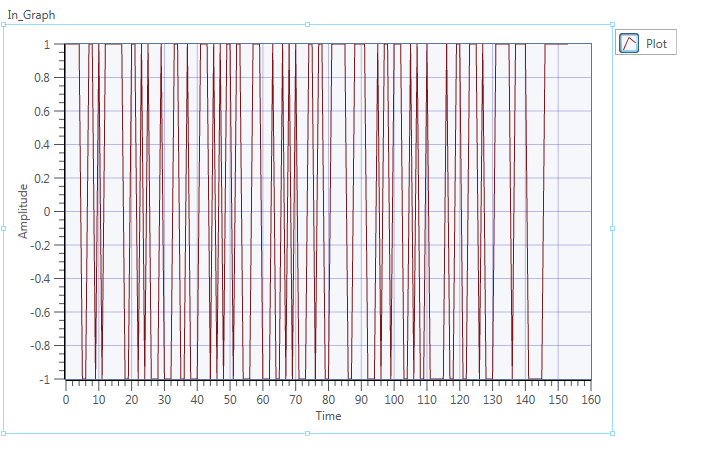


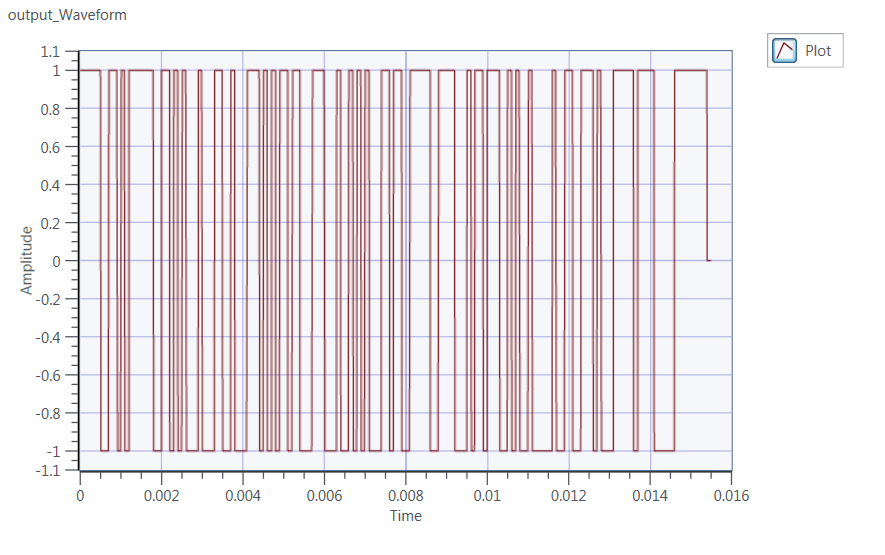


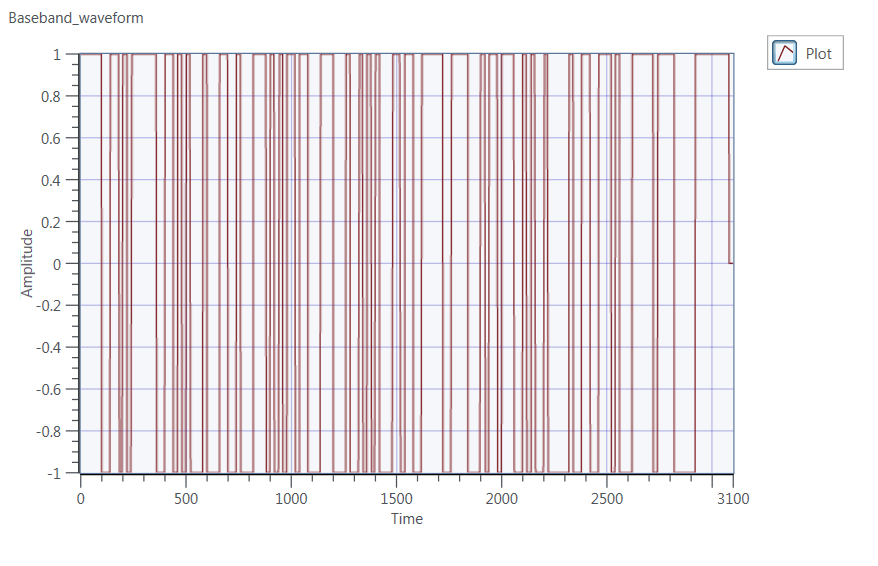


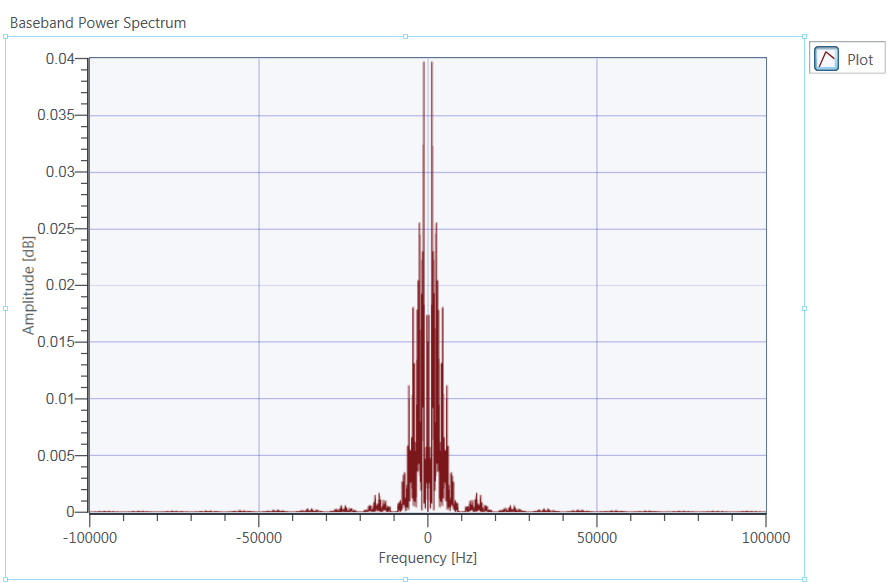


Changing the filter to none:





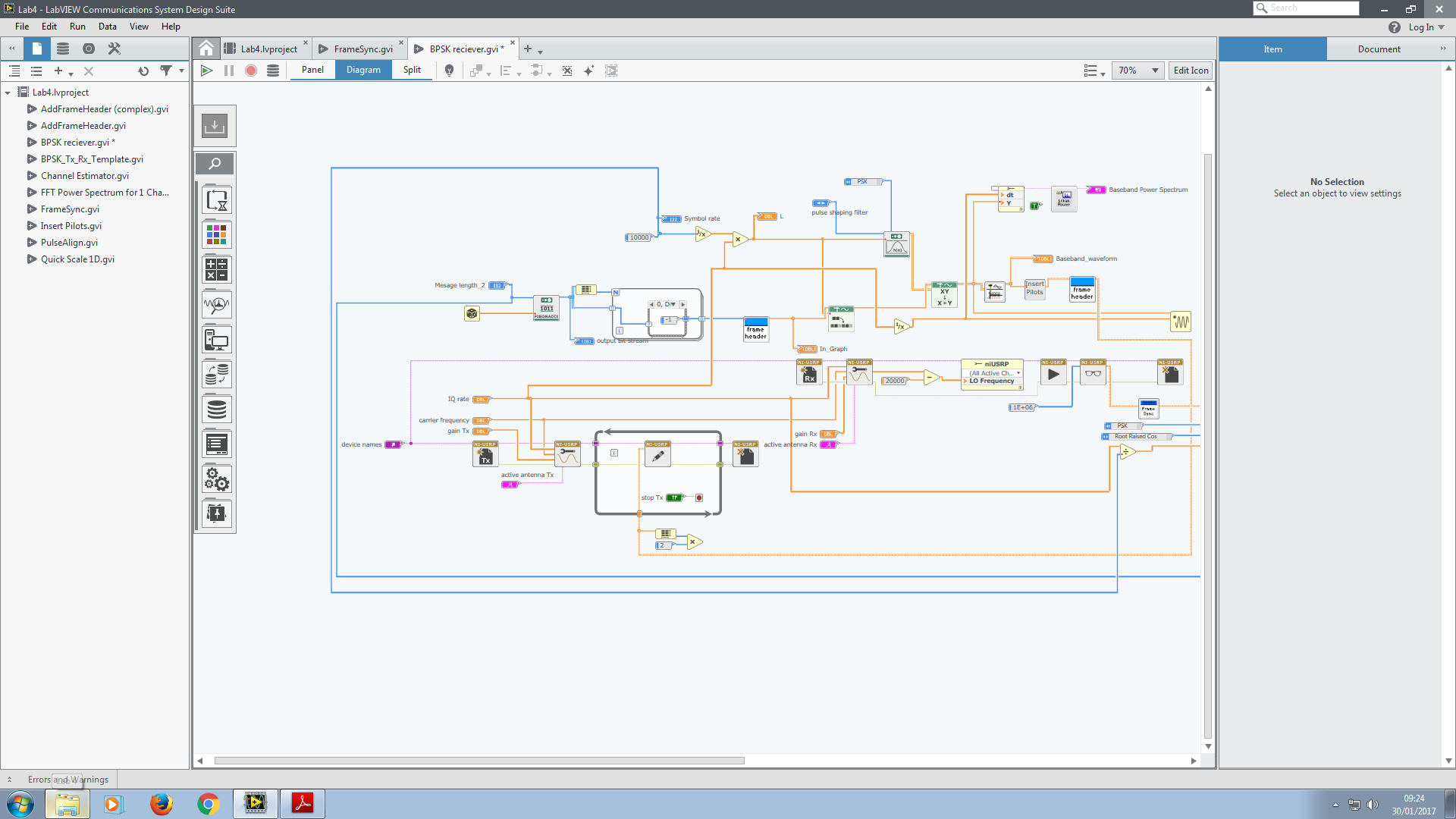
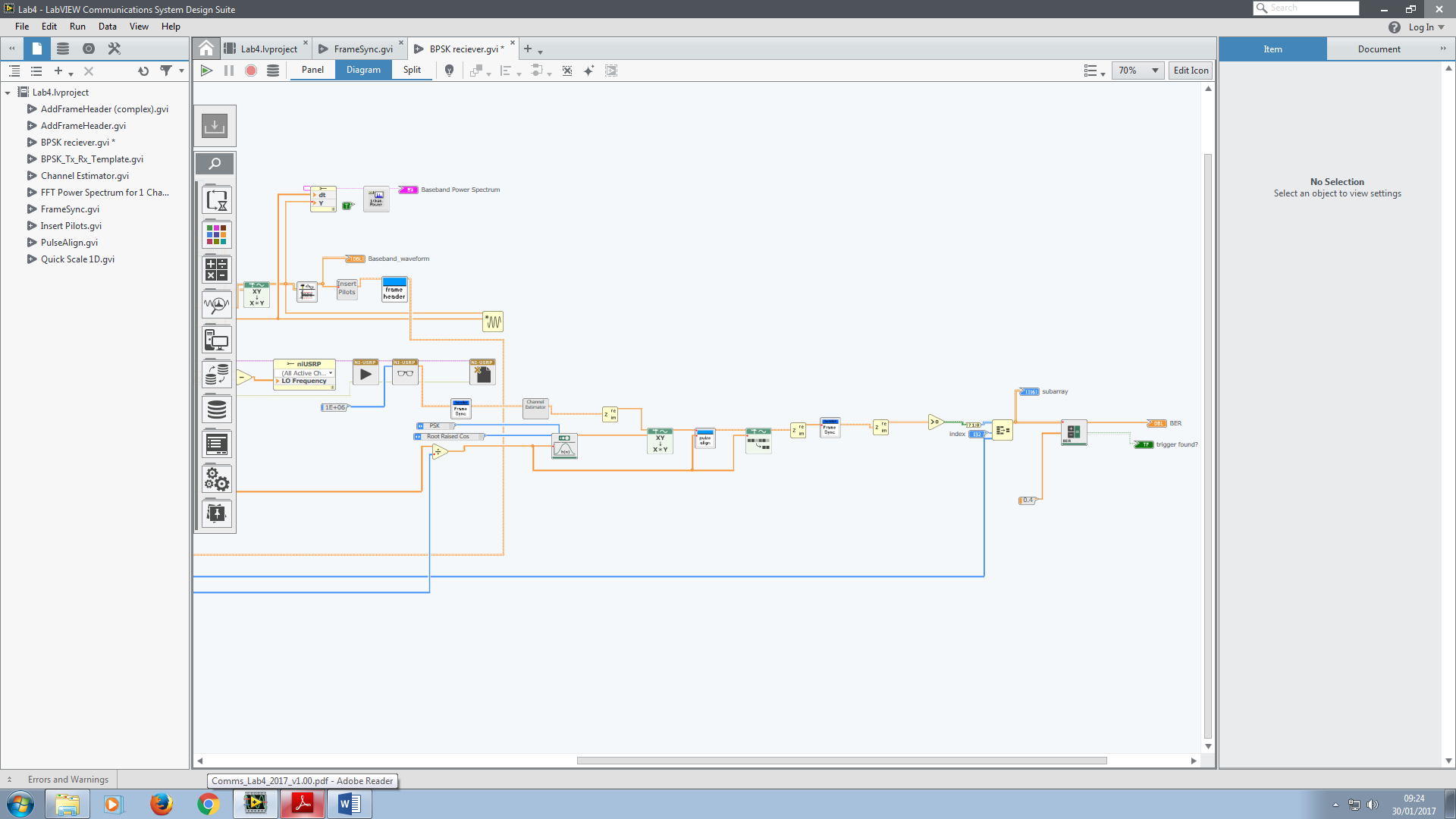


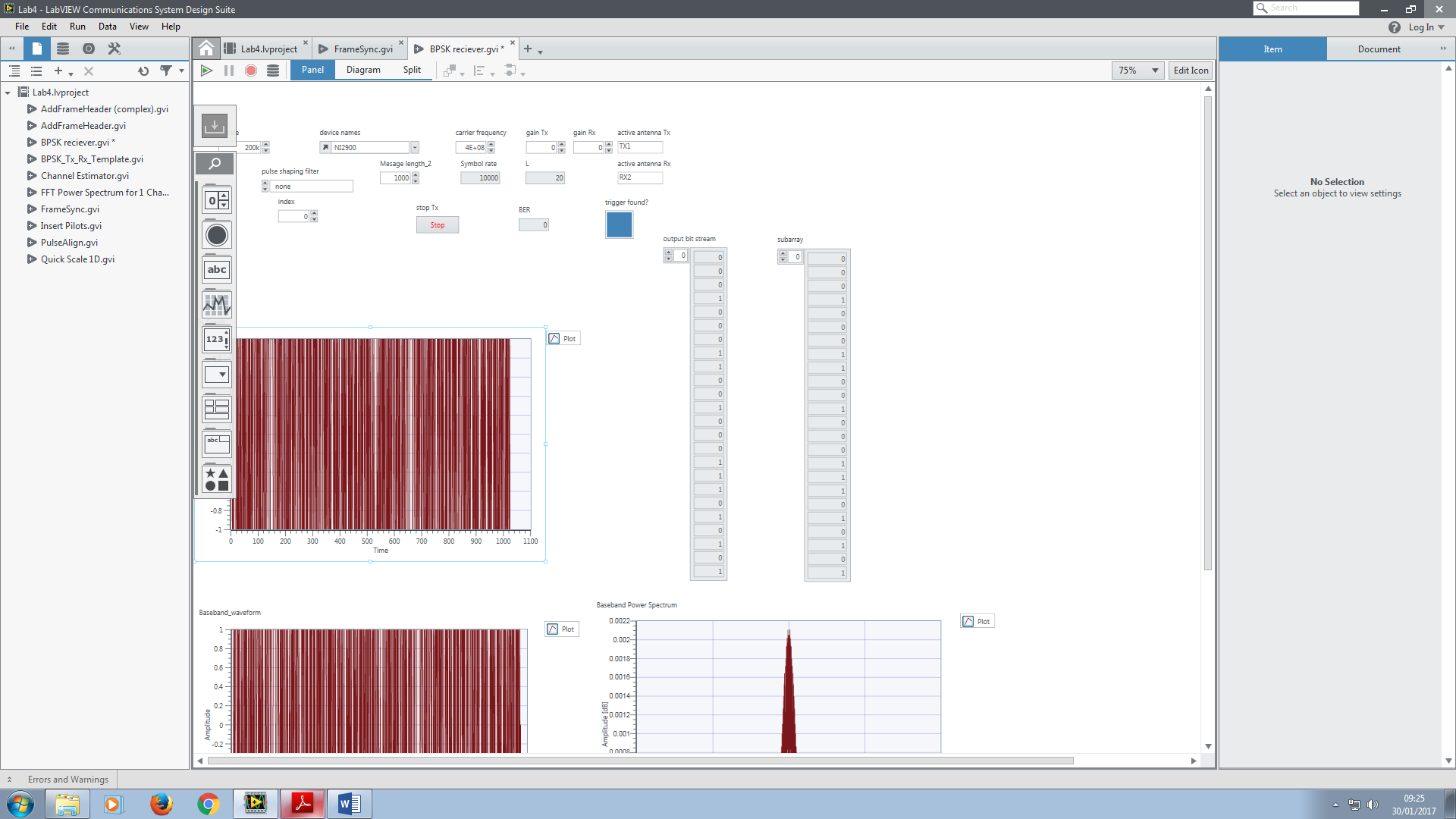


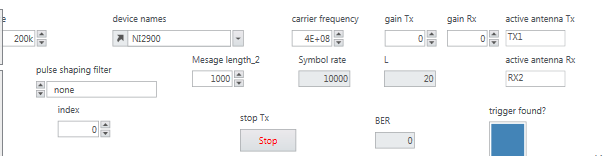
Format is header 🡪 channel -🡪 header

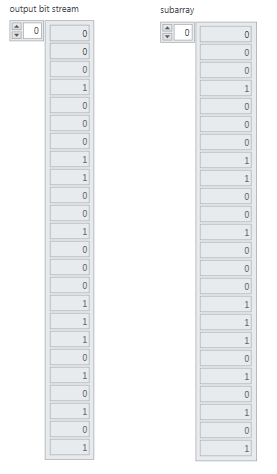
By adding this header🡪channel🡪signal

Essentially corrects waveform

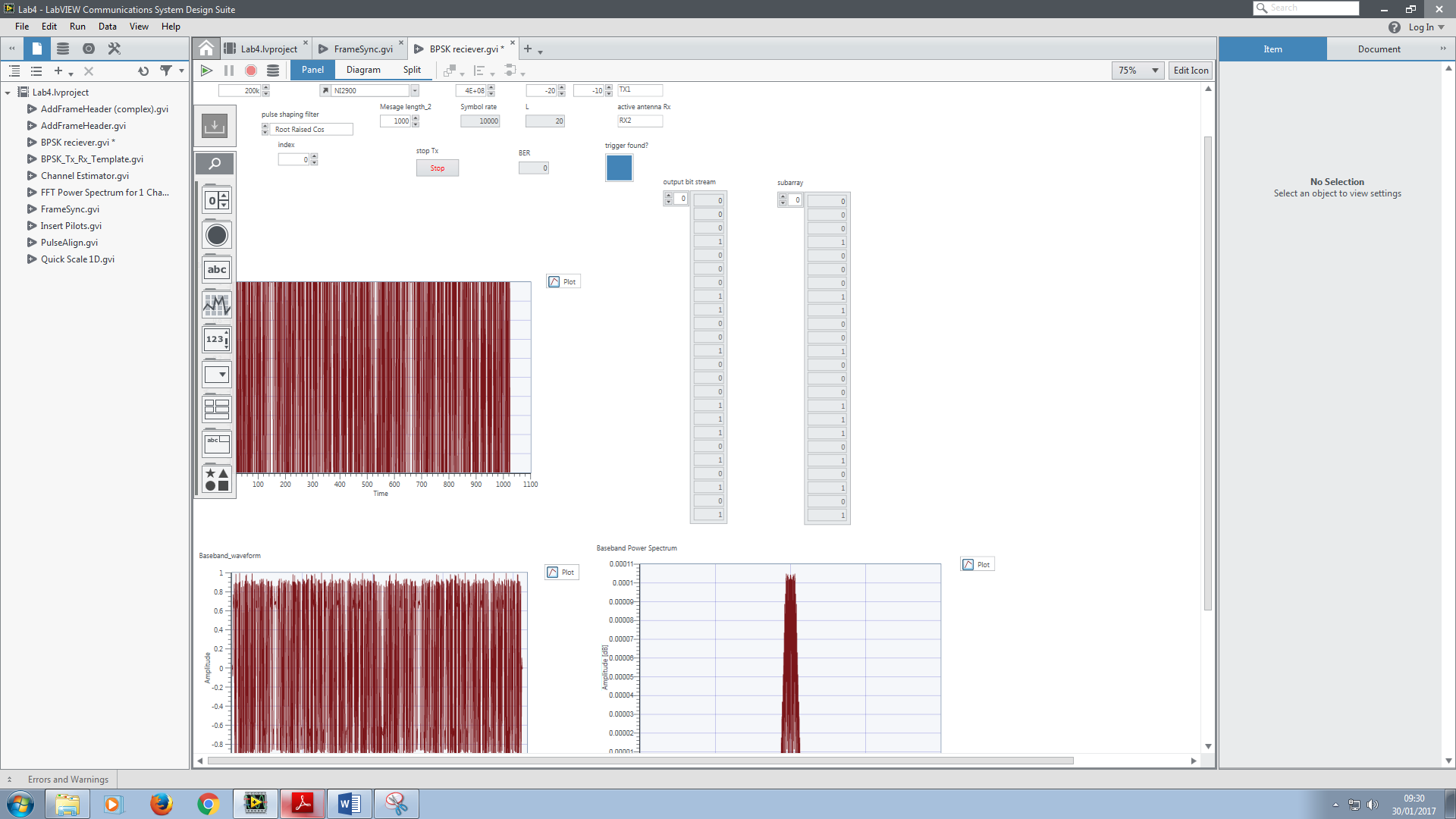


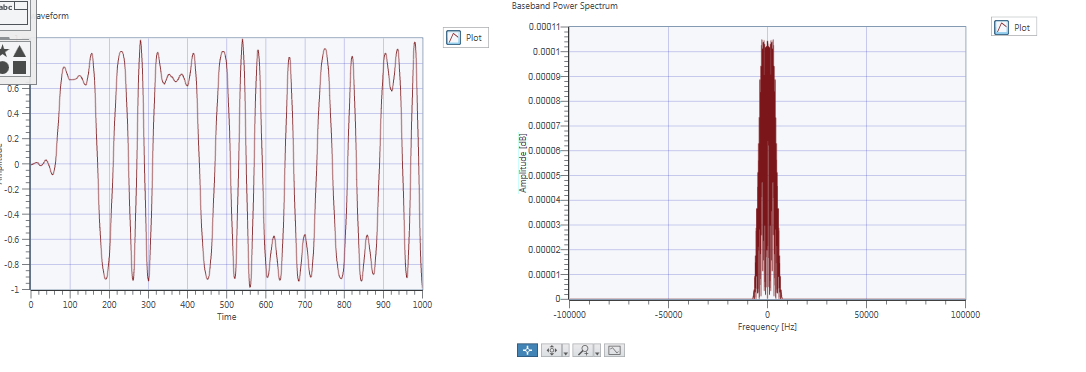


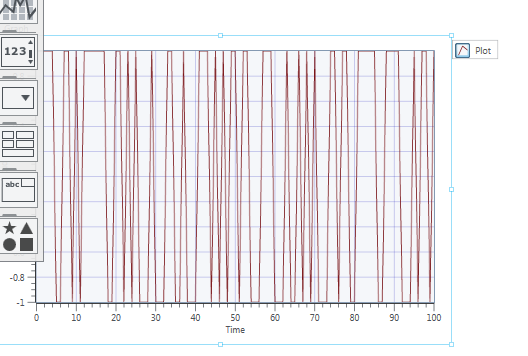


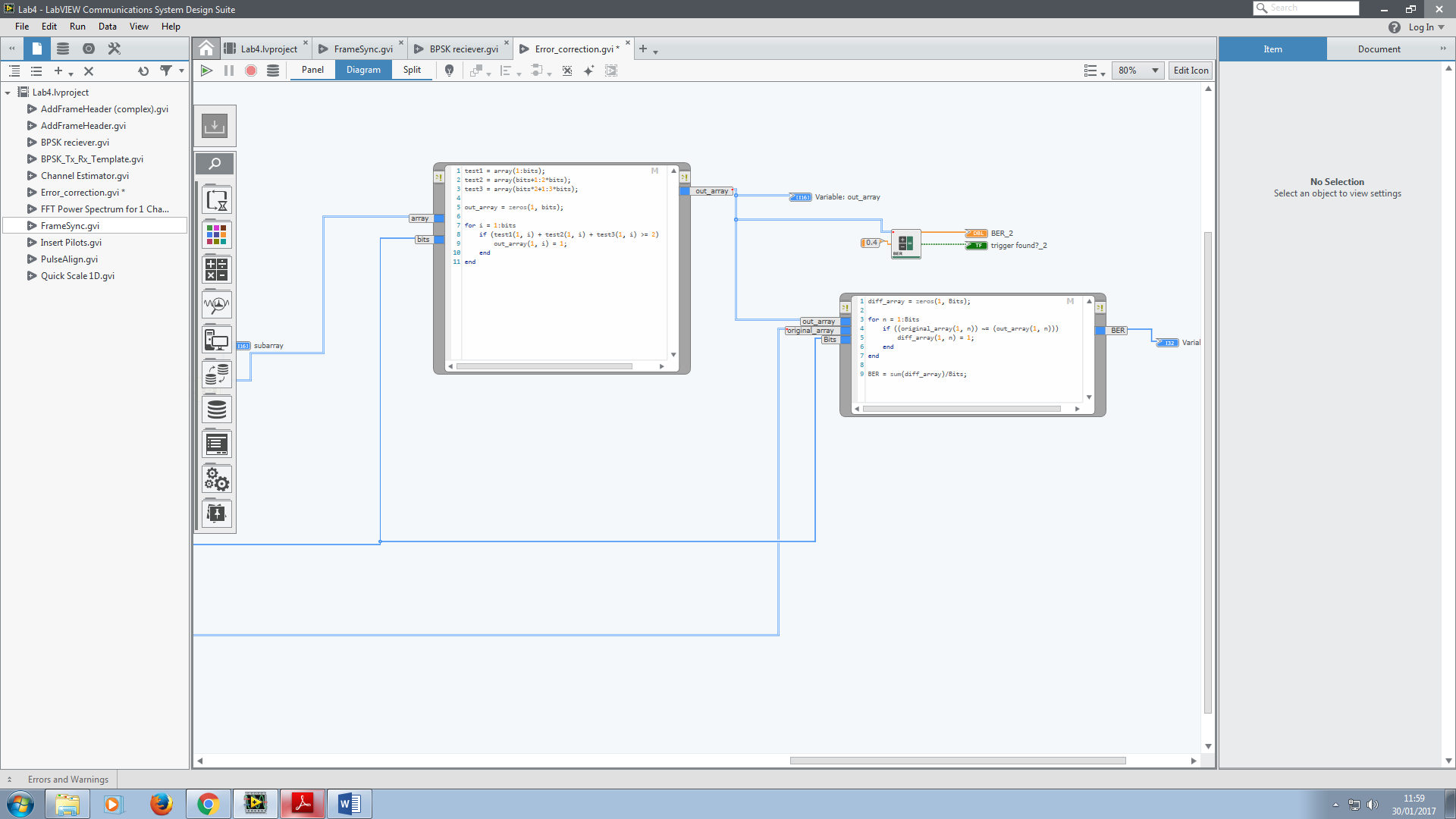


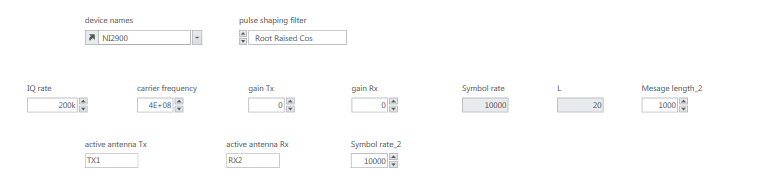
Gain to -20db and -10db

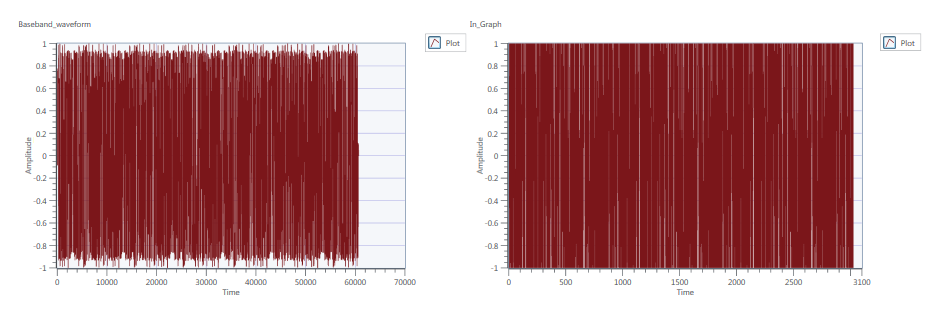


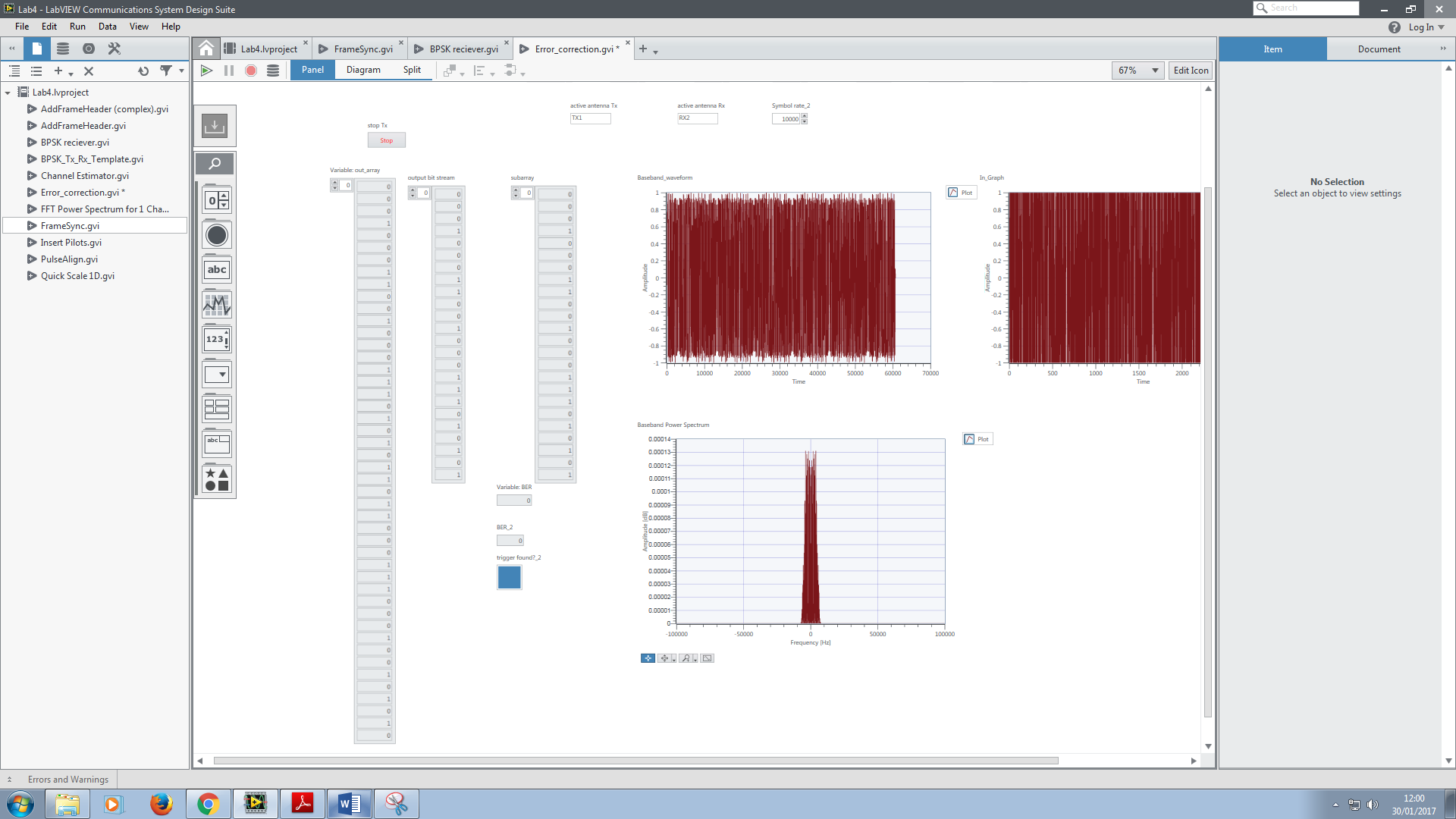
#

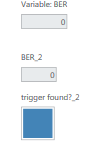


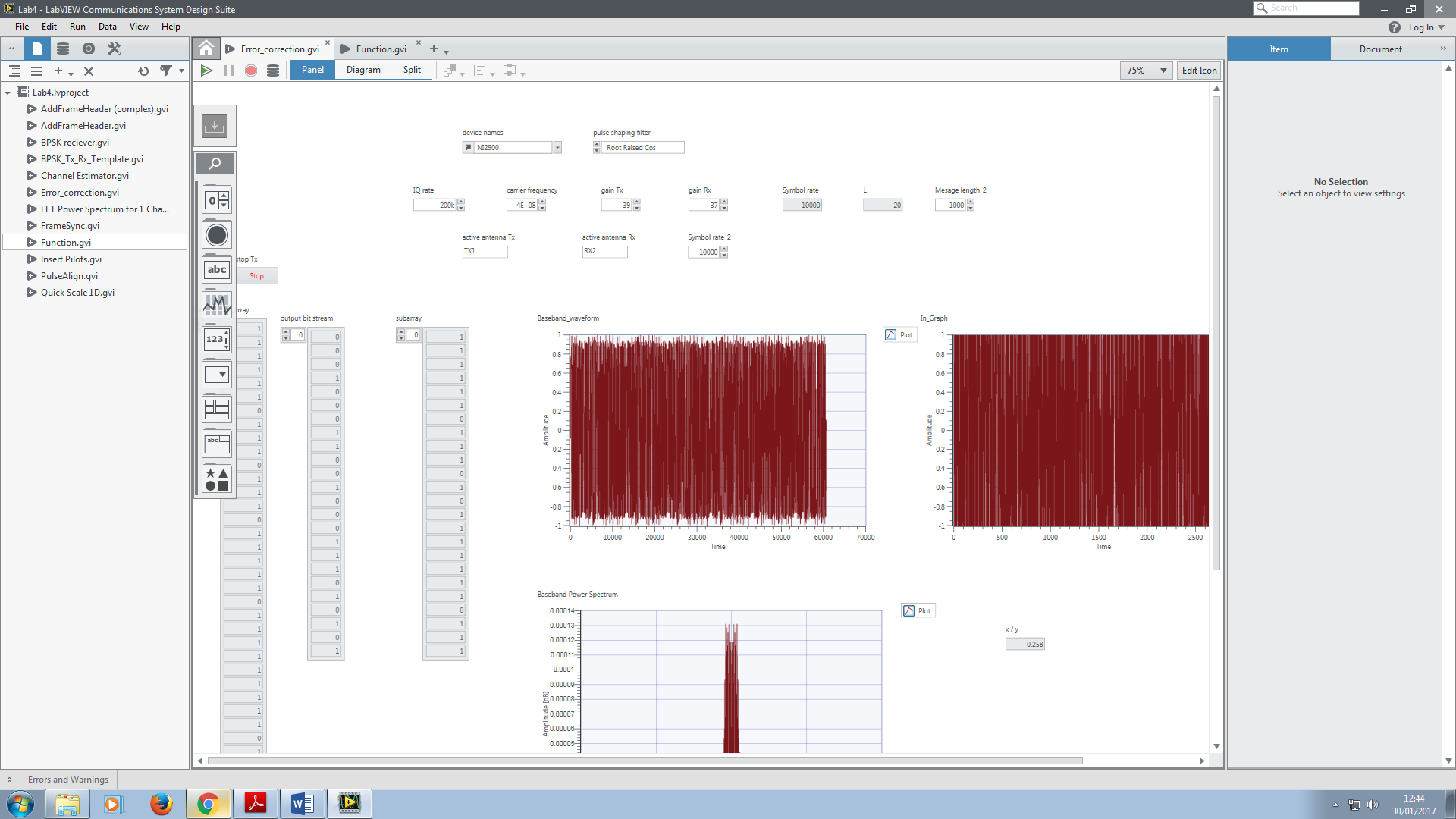


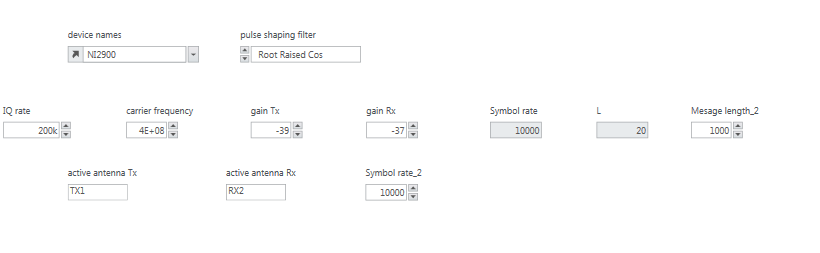


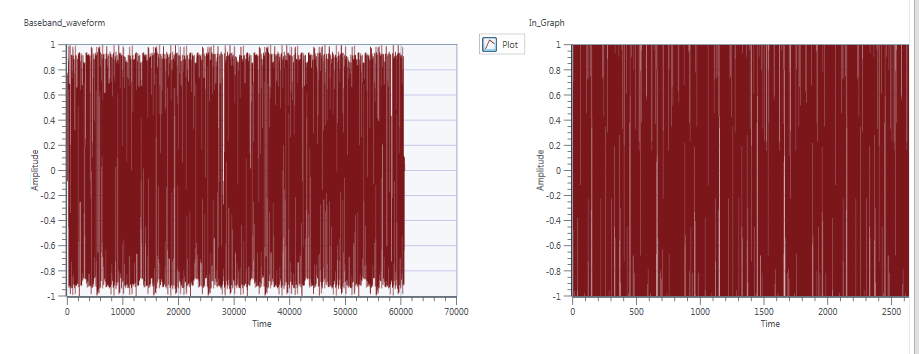


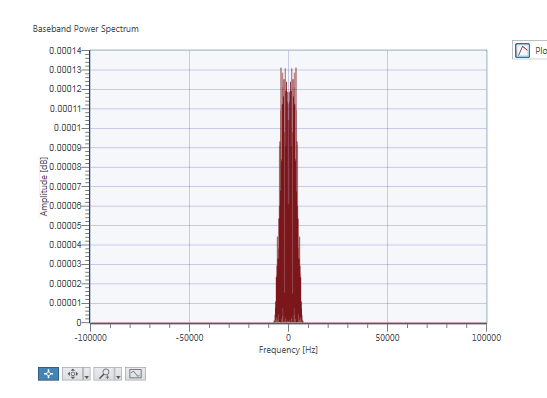


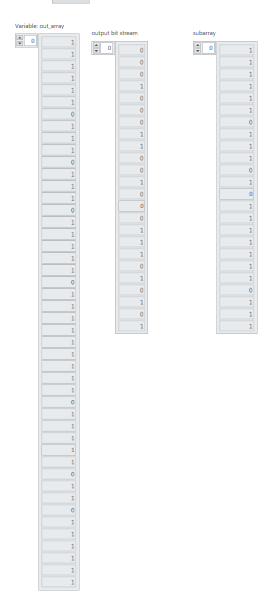


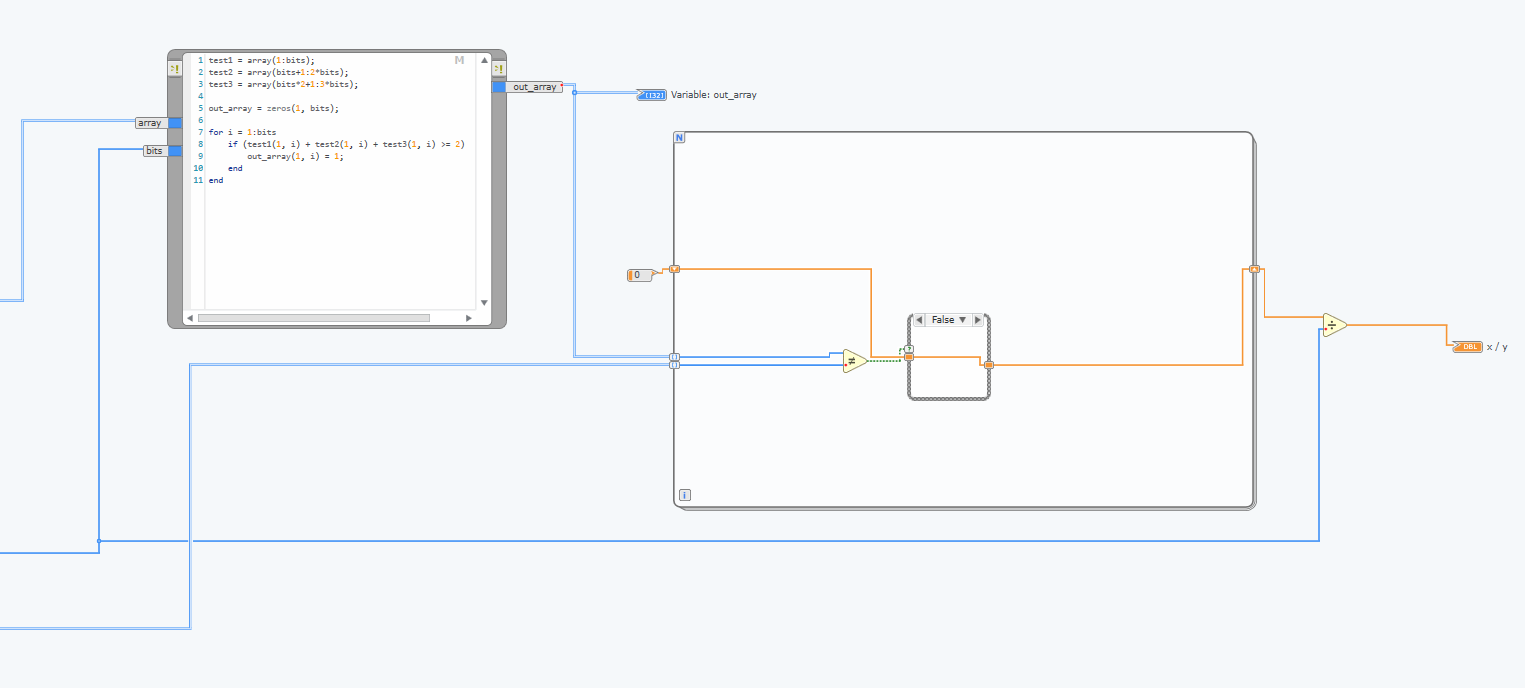












Average BER without error correction is worse:

For the same settings:

