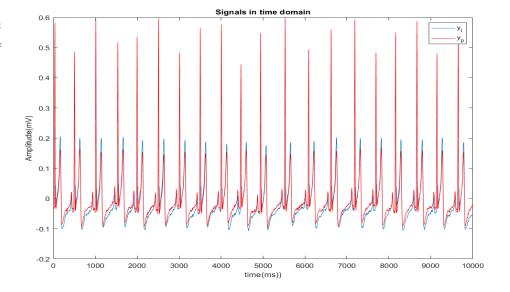
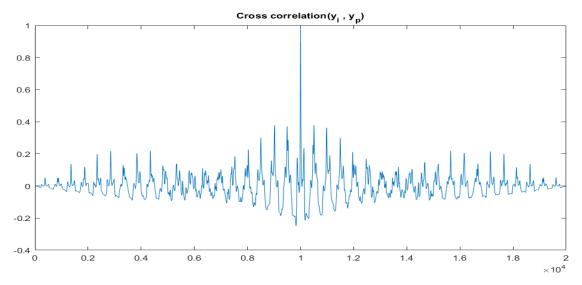
Result analysis

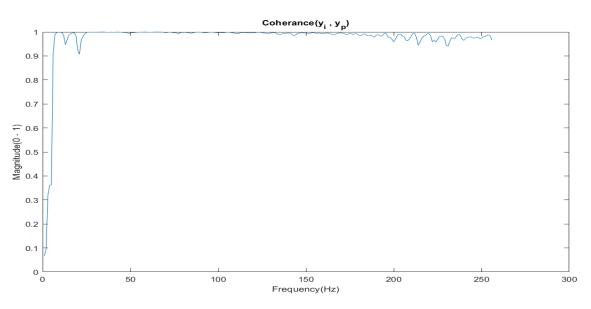
Results for 22mm electrodes

MSE : 0.0004290 SNR : 13.067dB MAE : 0.017

Correlation: 98.187%



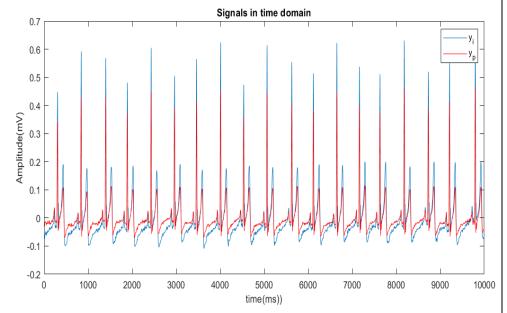


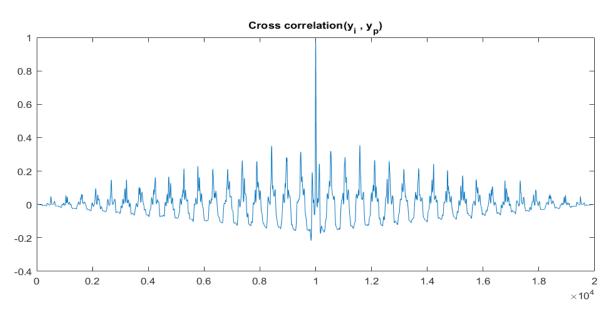


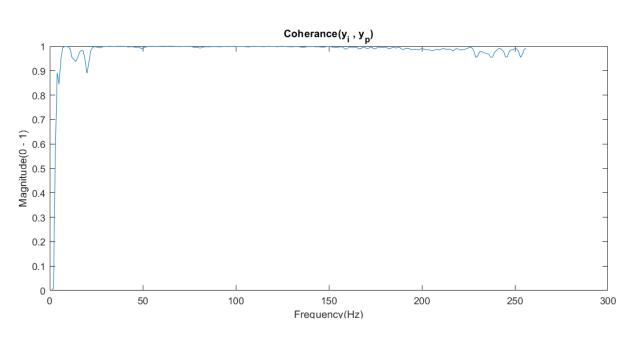
Results for 11mm electrodes

MSE : 0.0016294 SNR : 4.416dB MAE : 0.030

Correlation: 97.354%







Results for 5.5mm electrodes Signals in time domain 0.5 0.4 : 0.0004182 : 11.194dB SNR : 0.016 0.3 Amplitude(mV) Correlation: 98.031% 0.2 0.1 -0.1 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 time(ms)) Cross correlation(y_i , y_p) 0.8 0.6 0.4 0.2 -0.2 -0.4 C 0.2 0.6 1.2 0.4 8.0 1.4 1.6 1.8 2 $\times 10^4$ Coherance(y_i, y_p) 0.9 8.0 0.7 Magnitude(0 - 1) 0.3 0.2 0.1 0, 100 50 150 200 250 300 Frequency(Hz)