Blue – Component 1  \( (\text{SNR}_{\text{set 1}} = 4.3 \text{ dB}, \text{SNR}_{\text{set 2}} = 7.2 \text{ dB}) \)

Green – Component 2  \( (\text{SNR}_{\text{set 1}} = -9.6 \text{ dB}, \text{SNR}_{\text{set 2}} = -6.7 \text{ dB}) \)

Red – Component 3  \( (\text{SNR}_{\text{set 1}} = 1.5 \text{ dB}, \text{SNR}_{\text{set 2}} = 4.5 \text{ dB}) \)

**Factor Analysis (FA)**

Factor Analysis was used to examine both data sets. It was used to examine both the trial-averaged response and the entire single-trial dataset. A Matlab implementation was used to perform these examinations (Ghahramani).