

GAM implementation for the External flux SS- estimations

EXPERIMENTAL RESULTS

```

ext_flux1='MARTE_NODE_IVO3.DataCollection.Channel_214';
ext_flux2='MARTE_NODE_IVO3.DataCollection.Channel_215';
ext_flux3='MARTE_NODE_IVO3.DataCollection.Channel_216';
ext_flux4='MARTE_NODE_IVO3.DataCollection.Channel_217';
ext_flux5='MARTE_NODE_IVO3.DataCollection.Channel_218';
ext_flux6='MARTE_NODE_IVO3.DataCollection.Channel_219';
ext_flux7='MARTE_NODE_IVO3.DataCollection.Channel_220';
ext_flux8='MARTE_NODE_IVO3.DataCollection.Channel_221';
ext_flux9='MARTE_NODE_IVO3.DataCollection.Channel_222';
ext_flux10='MARTE_NODE_IVO3.DataCollection.Channel_223';
ext_flux11='MARTE_NODE_IVO3.DataCollection.Channel_224';
ext_flux12='MARTE_NODE_IVO3.DataCollection.Channel_225';

```

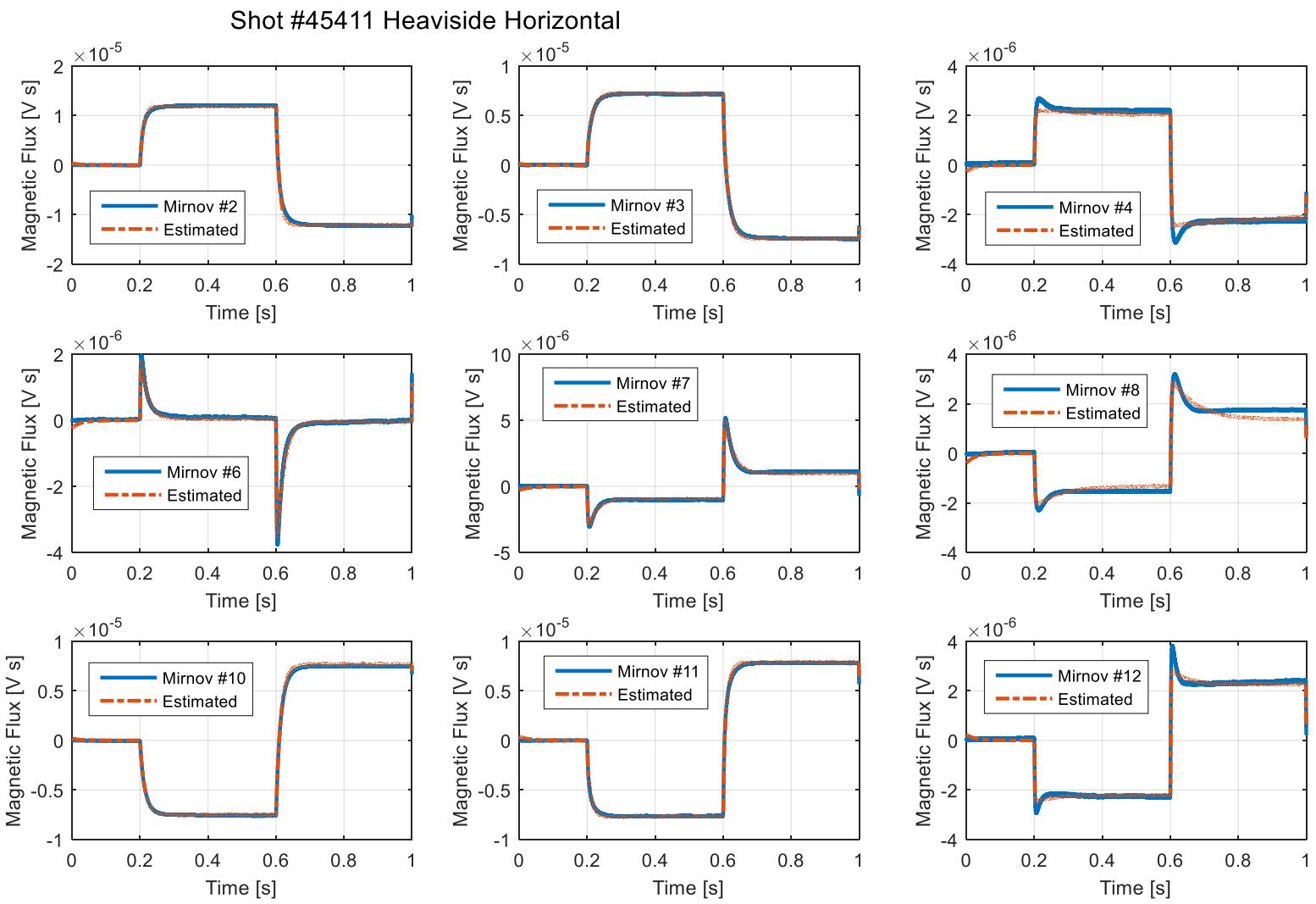
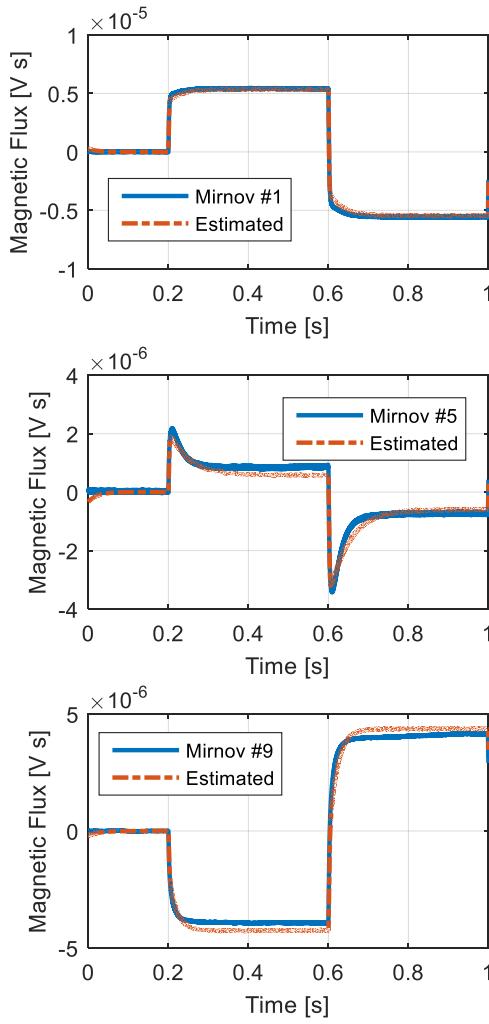
$$\emptyset_{Extern} = \emptyset_{prim} + \emptyset_{hor} + \emptyset_{vert}$$

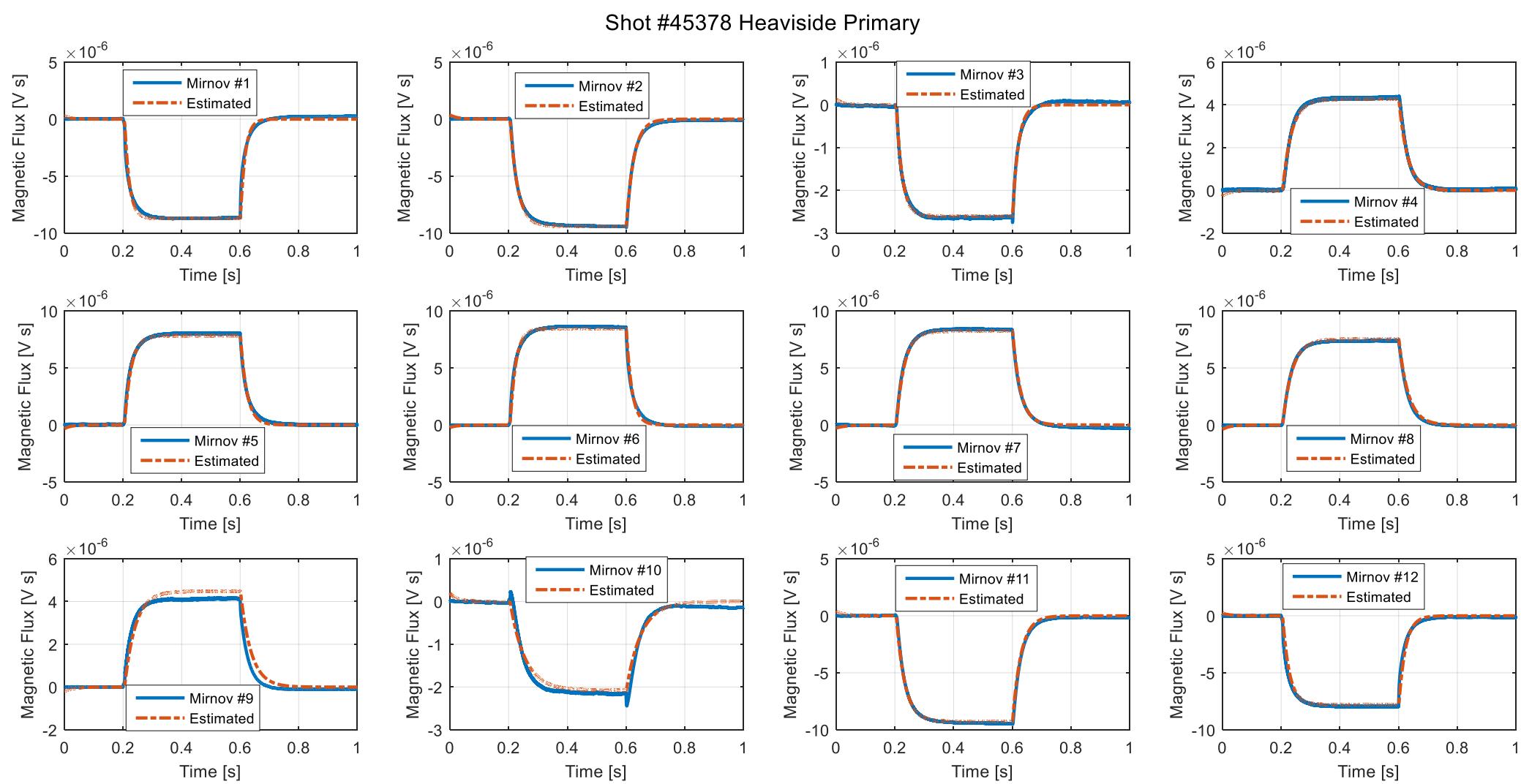
```

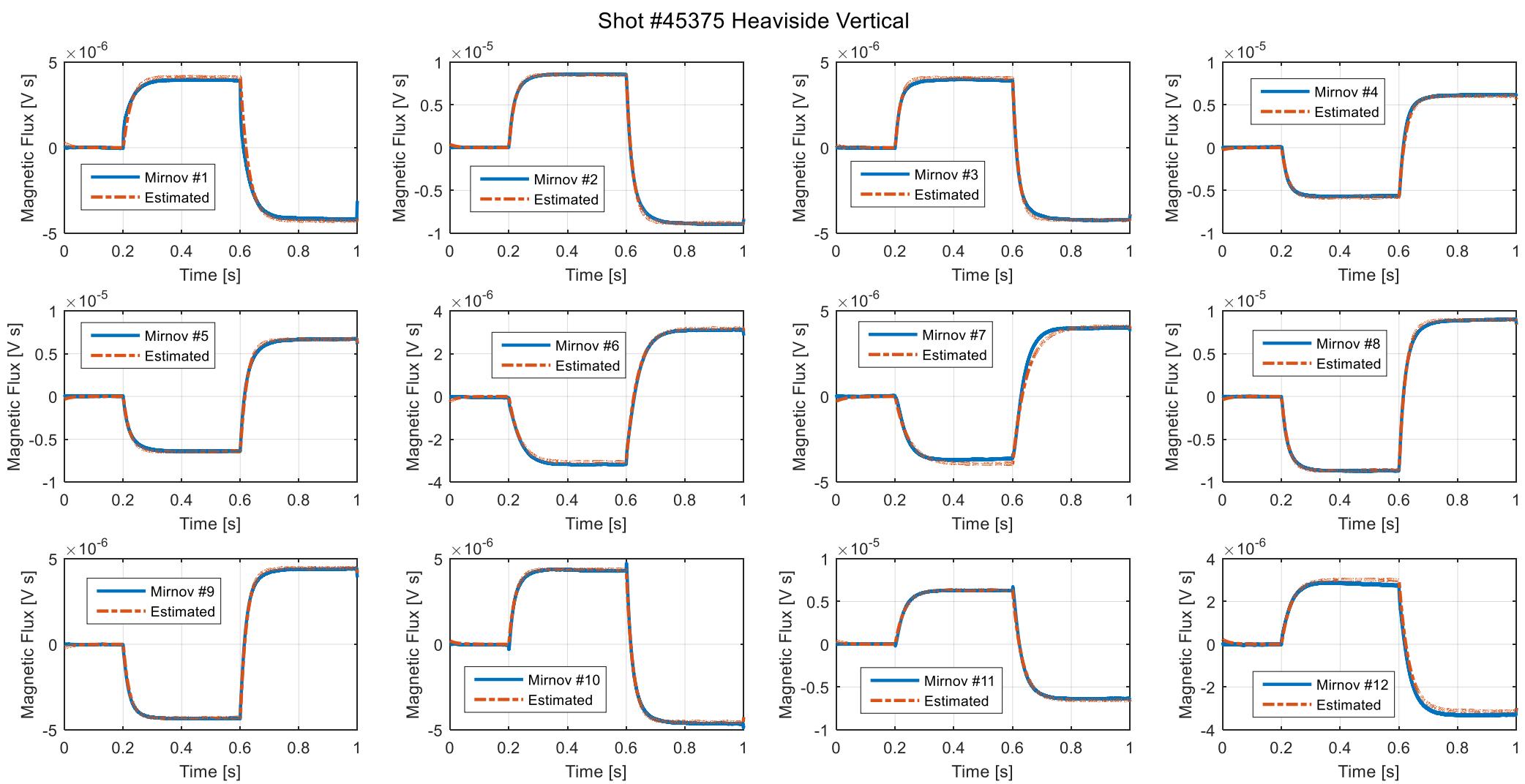
mirnv_corr_flux1='MARTE_NODE_IVO3.DataCollection.Channel_202';
mirnv_corr_flux2='MARTE_NODE_IVO3.DataCollection.Channel_203';
mirnv_corr_flux3='MARTE_NODE_IVO3.DataCollection.Channel_204';
mirnv_corr_flux4='MARTE_NODE_IVO3.DataCollection.Channel_205';
mirnv_corr_flux5='MARTE_NODE_IVO3.DataCollection.Channel_206';
mirnv_corr_flux6='MARTE_NODE_IVO3.DataCollection.Channel_207';
mirnv_corr_flux7='MARTE_NODE_IVO3.DataCollection.Channel_208';
mirnv_corr_flux8='MARTE_NODE_IVO3.DataCollection.Channel_209';
mirnv_corr_flux9='MARTE_NODE_IVO3.DataCollection.Channel_210';
mirnv_corr_flux10='MARTE_NODE_IVO3.DataCollection.Channel_211';
mirnv_corr_flux11='MARTE_NODE_IVO3.DataCollection.Channel_212';
mirnv_corr_flux12='MARTE_NODE_IVO3.DataCollection.Channel_213';

```

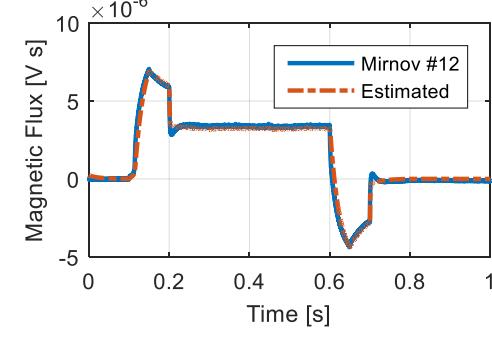
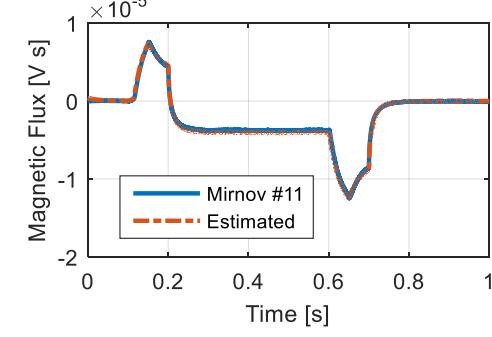
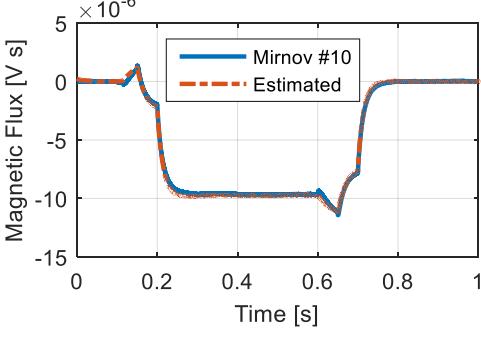
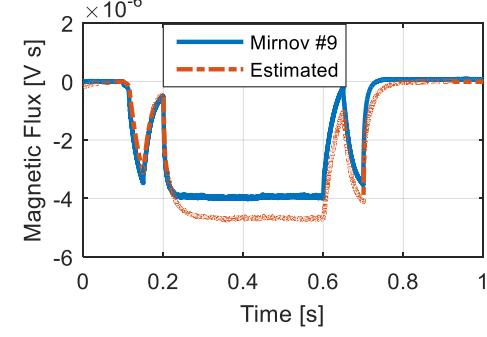
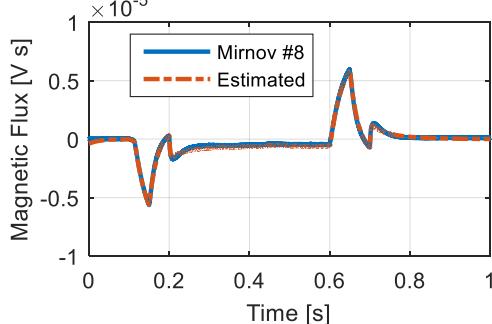
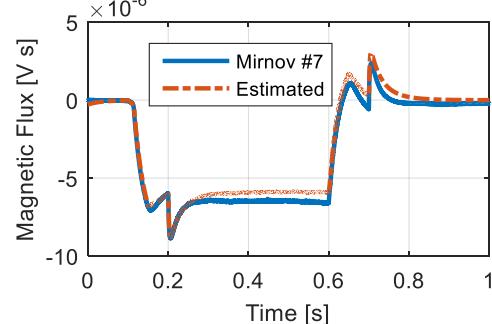
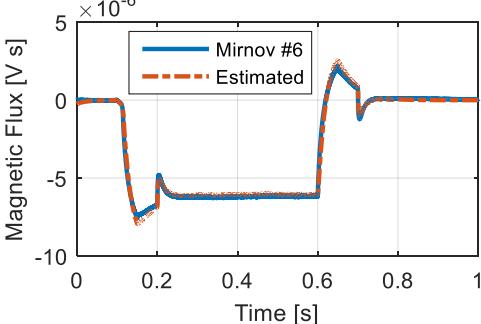
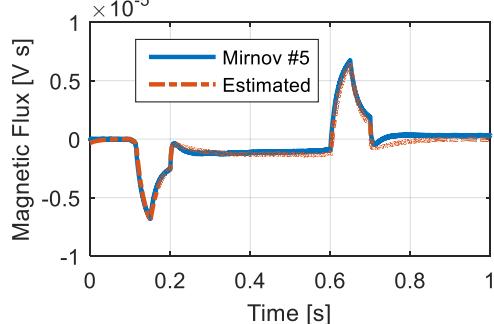
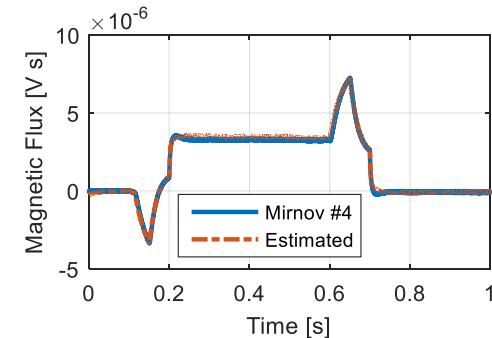
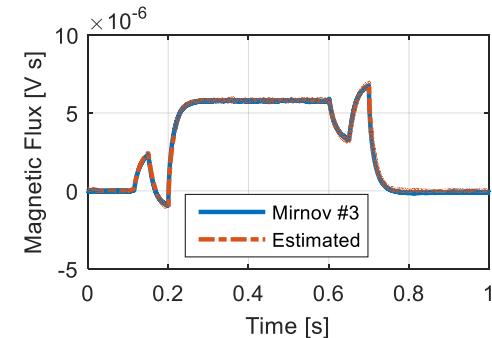
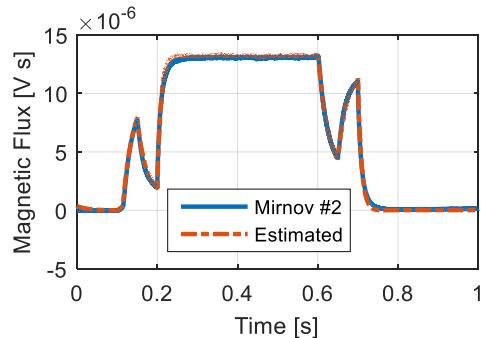
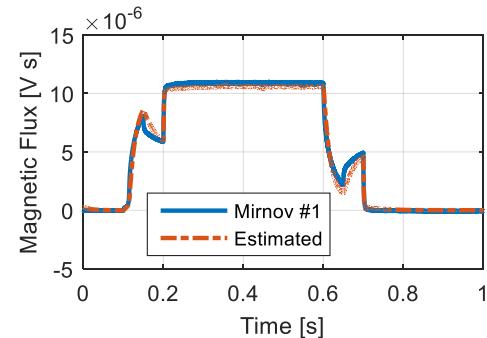
$$\emptyset_{plasma} = \emptyset_{mirnv} - \emptyset_{Extern}$$







Shot #45412 Heaviside Primary, Vertical and Primary



Shot # 45414 Plasma

