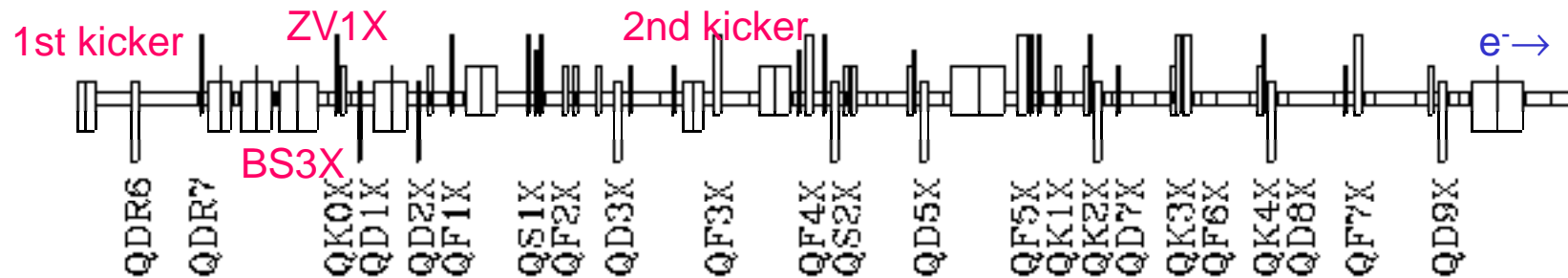


# Observation of Non-Linearity in Orbit of ATF EXT

We took orbit data changing Kicker, Septum and steering magnet to see any non-linearity there.



QS1X is in between ML2X and ML3X.  
QS2X is in between ML6X and ML7X.

Kicker vs EXT orbit

SET value	Op.pt.	Data name
34600		07APR25_173856
34100	√	07APR25_173950
33600		07APR25_174051
33100		07APR25_174126
32600		07APR25_174211

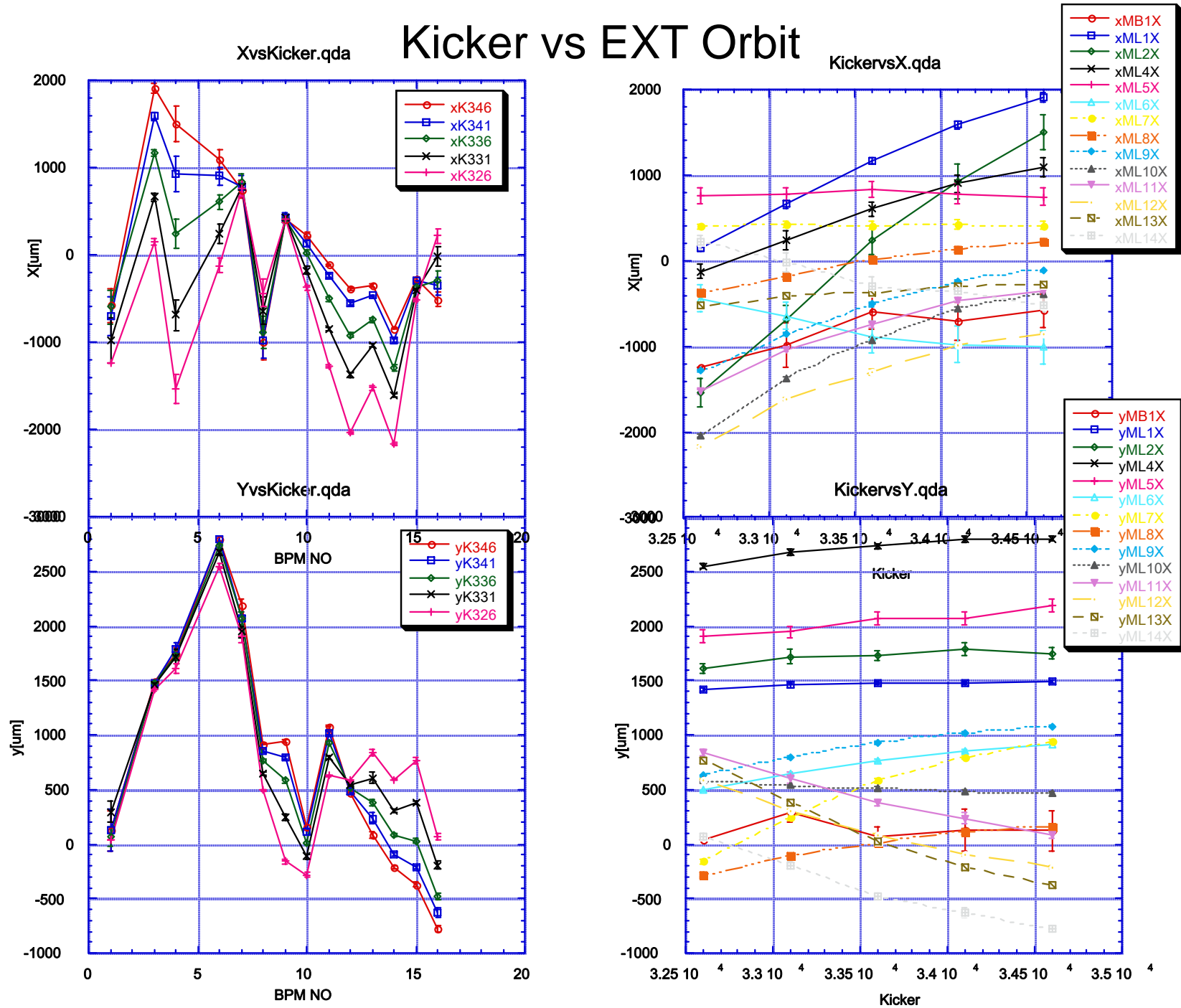
BS3X vs EXT orbit

SET value	Op.pt.	Data name
2567		07APR25_174559, 174645
2572		07APR25_174733
2577	√	07APR25_174809
2582		07APR25_174849
2587		07APR25_174933

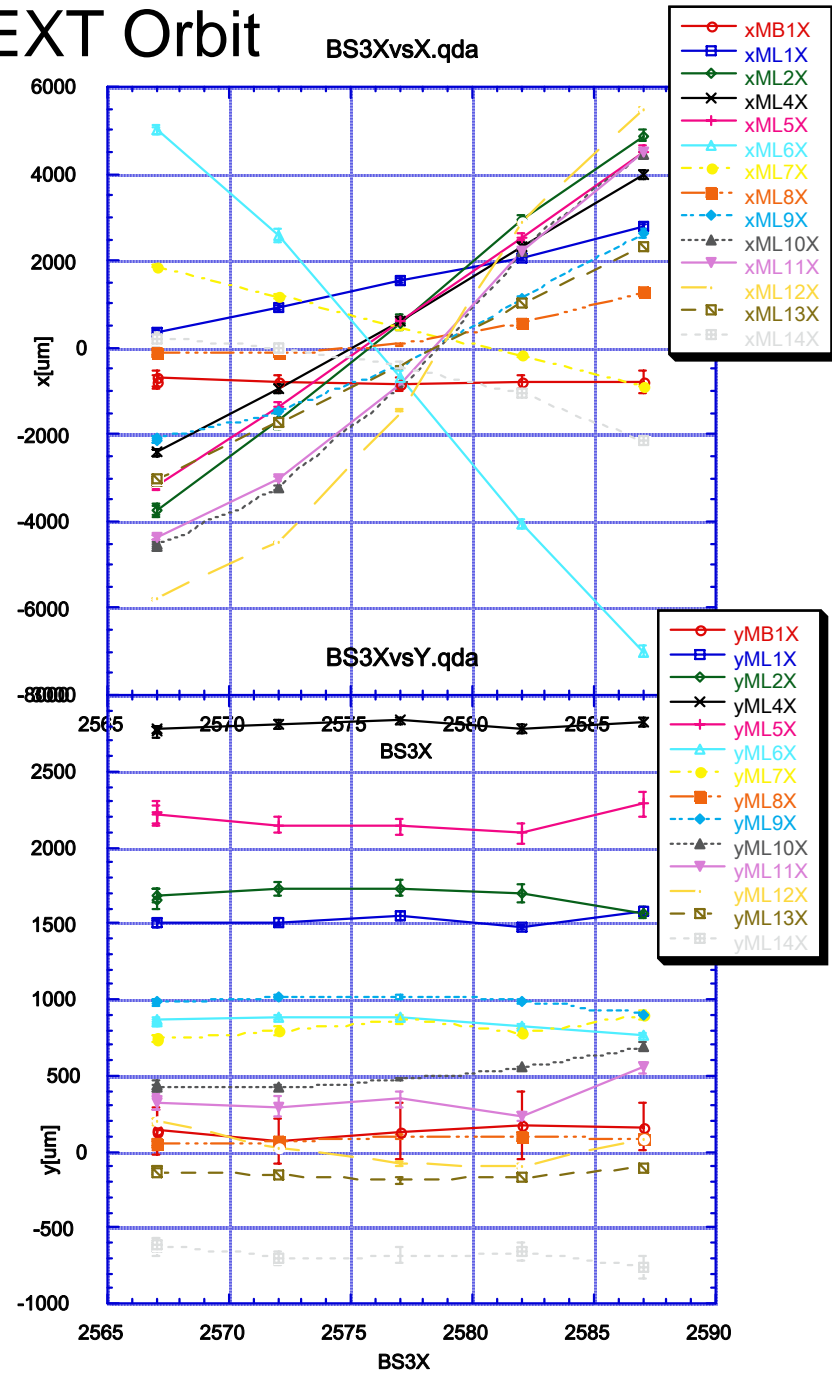
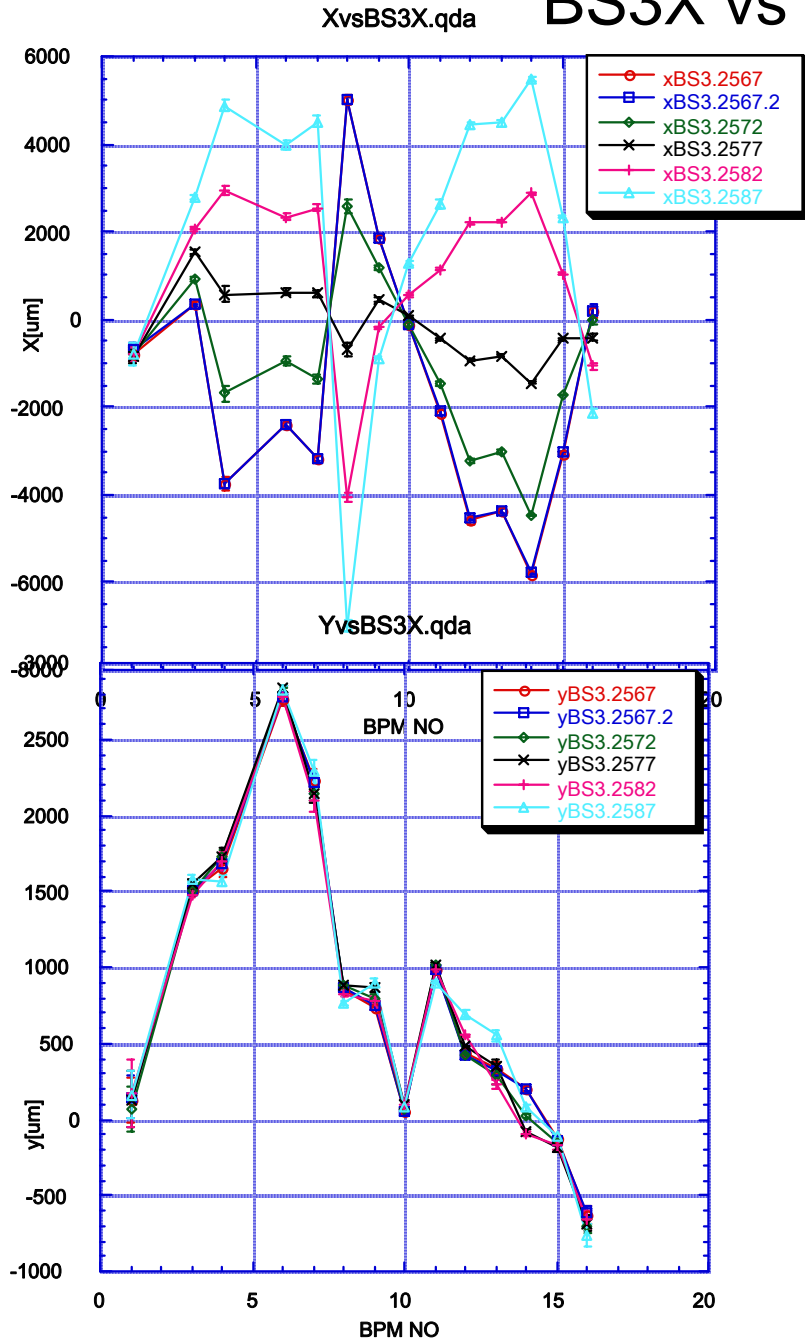
ZV1X vs EXT orbit

SET value	Op.pt.	Data name
-0.851		07APR25_175157
-0.751		07APR25_175245
-0.651	√	07APR25_175324
-0.551		07APR25_175404
-0.451		07APR25_175446

# Kicker vs EXT Orbit



# BS3X vs EXT Orbit



# ZV1X vs EXT Orbit

