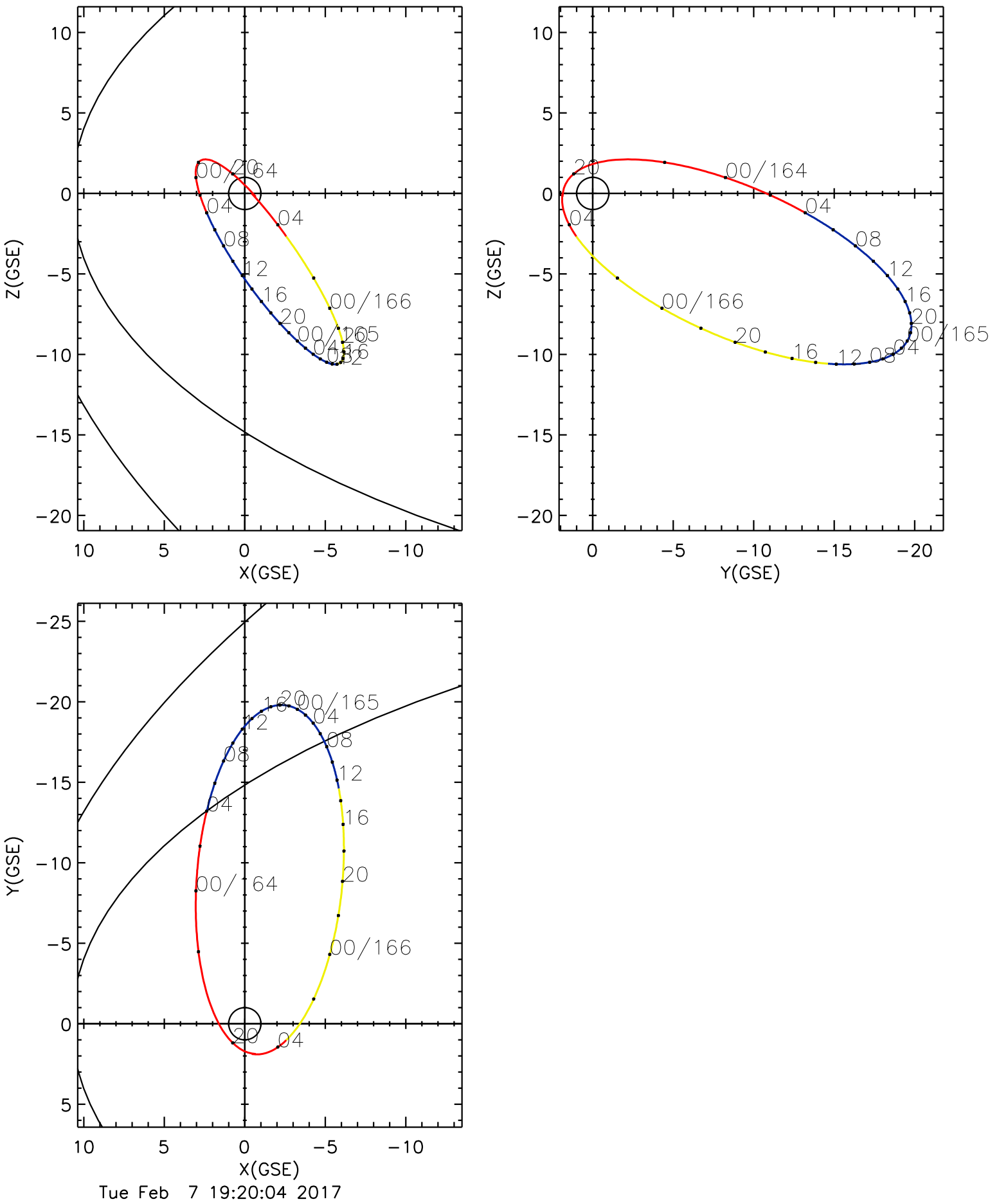CLUSTER 2 orbit 2009 163 (06/12) 19:31 UT to 2009 166 (06/15) 04:41 UT