MMS Solar Wind Turbulence Campaign
REE, August 16, 2018


Duration: 1 month (30 days)

Plan:
(1) All MMS SC are to have the spin axis tilt between a minimum of 10° maximum 15° toward the sun for a one month period. The rotation in Y-Z plane should keep the spin axis no more than +5° (toward +Y). No restriction for tilt to −Y.

(2) The spacecraft should be close to “pearl on strings” orbit (+/- 10 km)

(3) The spacecraft are to have relative separations as diagramed below (SC are considered interchangeable):

![Diagram of spacecraft separations](image)

Tolerance: +/- 7.5 km.

(4) The SC resume nominal tilt/formation after campaign.

(5) All instruments operated nominally EXCEPT EPD. There will be special instructions from EDP team.

Suggestion: Since the SC formation is being altered for the apogee boost, we recommend that the campaign be immediately after the boost.