

## **6. PARTICIPATION ON THE MAST PROGRAMME**

This project will include the following activities in the area of microwave reflectometry:

- Possible implementation of a hopping system with agile and pre-selected frequency steps for fluctuation studies at several probing layers during each discharge;
- Implementation of a set low-pass filters with selectable cut-off frequencies for different plasma regimes;
- Analysis of the reflectometry data aiming at physics studies to be defined in collaboration with the MAST team.