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**Metis INSTRUMENT
for the
Solar Orbiter Mission**

**Test Report
PFM EMC Assessment Report**

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1 Introduction

1.1 Scope of the document

This document prepared by the Metis team presents the analysis of TM data produced during the EMC autocompatibility tests of the Metis PFM model integrated on the S/C and conducted by ADS at IABG over the Solar Orbiter acceptance campaign in 2019.

Checks that were correctly verified during the test session are not re-verified here. In contrast, our analysis is performed to complete ADS test by investigating:

- Errors and warnings reported as TM event packets,
- The scientific telemetry generated by the instrument during the test
- Noise performance to detect any coupled disturbance.

For more information on the activities carried out during the test, refer to the following document: [RD-1],