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Lab.Act.No:	Eb164.04.538/3	Project:	STEREO	Date:	5.03.2004
Subject:	SEPT TV Cycling Test - TRR of FM 1				

Minutes of Meeting

SEPT FM 1 - Test Readiness Review

Participants: L. Duvet (D/SCI-A)

R. Müller-Mellin, S. Böttcher (University of Kiel, D)

C. Gomez, B. Lehmann (secretary), (TOS-MCV)

Date: 4.03.2004

Location: Mechanical Systems Laboratory (Eb164 at ESTEC)

1. Configuration status

1.1. Test specimen

SEPT Flight Model (FM) 1 consisting of SEPT-E and SEPT-NS

1.2. EGSE

Customer provided (D/SCI), model: ESTEC

2. Documentation status

2.1. Test procedure

SEPT Thermal Vacuum Test Plan, STEREO-ETKI-006, 24-FEB-2004

The test procedure was reviewed and the following amendments were agreed.

Amendment 1: Replace temperature requirement on T_{\min} of $(-40\pm 1)^{\circ}\text{C}$ by T_{\min} of $(-40+0/-3)^{\circ}\text{C}$

Amendment 2: Include bake-out phase of ≥ 48 hours at $(49\pm 1)^{\circ}\text{C}$ in the test sequence

Amendment 3: Maximum temperature change rate increased from $3^{\circ}\text{C}/\text{min.}$ to $5^{\circ}\text{C}/\text{min.}$

Definition of reference temperature

The hotter, respectively colder, of the two thermocouples (TC) mounted on the sensors shall be taken as the guidance for the test execution.

2.2. Special documentation

not applicable

3. Pre-test results

Restgas measurements performed (Test report: TOS-MCV/2003/2961/In/BL)

Results: acceptable level of organics

Wipe test performed (TOS-QMC report: 2004/032)

Results: Detection of hydrocarbons, ester, silicone within detection limit of method ($0.1 \cdot 10^{-7} \text{g}/\text{cm}^2$)