



## Cleanliness Certificate

PRODUCT ASSURANCE  
SPACE SCIENCE DEPARTMENT

RUTHERFORD APPLETON LABORATORY

### Unit Identification (Instrument Box name and Model)

SPIRE AVM  
Consisting of DPU (AVM2) and DRCU simulator

### Harness Bakeout Conditions and Time

NA

### MLI Bakeout Conditions and Time

N/A, No MLI

### Supplier

RAL

### Materials List Reference

SPIRE-RAL-PRJ-001092 issue 3

### Thermal Vacuum / Balance Test Dates and Report Number

NA

### QCM and RGA Number

NA

### Results of Witness Plate Measurements from TV Test

None

### Results of Wipes from TV Test (Wipe Positions and Data)

None

### Results of Wipes @ Acceptance (Wipe Positions and Data)

None

### Particle Cleanliness (Positions and Data, e.g. Tape Lift)

**DPU.** This unit has been cleaned (external surfaces) by vacuum cleaner and IPA wipe. It was then bagged in clean lumaloy film prior to despatch in a dedicated container.

**DRCU Simulator.** This unit is a standard PC. The cover has been removed and the inside clean with a vacuum cleaner, particular attention paid to the cooling fans inside the unit. The unit was then reassembled, cleaned externally and bagged.

**Harnesses.** Cleaned with IPA wipe.

All parts have been clean for use in class 100,000 clean room.

### Certified (PI Representative) and Date of Acceptance