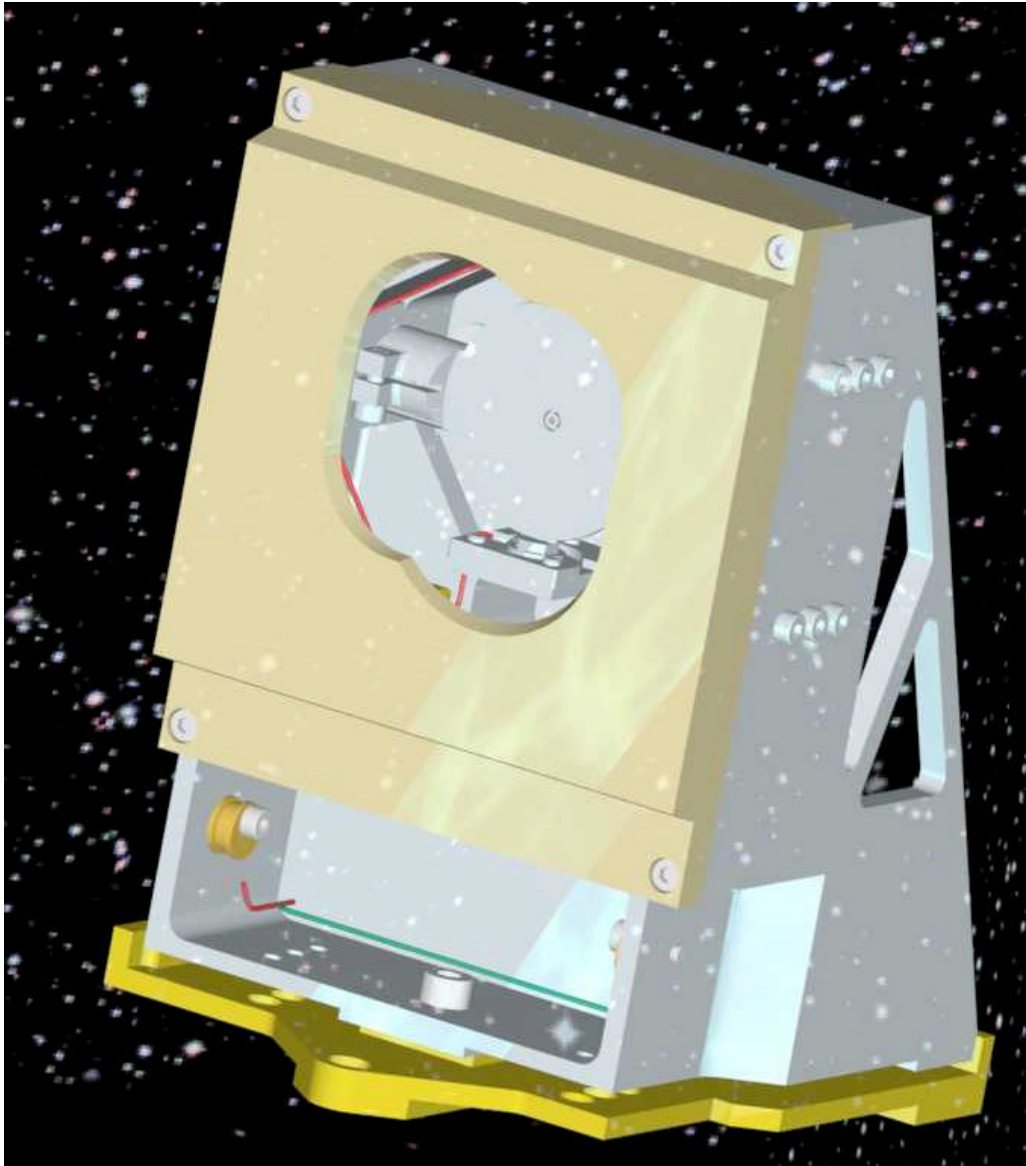


Herschel SPIRE
Beam Steering Mirror
Detailed Design review



30th July 2001

UK ATC

Documentation Package

Contents

1. CONTENTS
2. DESIGN DESCRIPTION DOCUMENT MAIN BODY
3. APPENDIX 1
 1. *MECHANICAL DESIGN DRAWING PACK*
4. APPENDIX 2
 2. *ELECTRONIC DESIGN DRAWING PACK*
5. APPENDIX 3-12
 3. *FEA RESULTS*
 4. *MECHANISM FMEA*
 5. *ELECTRONICS FMEA*
 6. *THERMAL ANALYSIS*
 7. *CONTROLS ANALYSIS*
 8. *THERMAL TEST REPORTS*
 9. *ELECTRONICS TEST REPORTS*
 10. *DECLARED LISTS*
 11. *COMPLIANCE REPORT*
 12. *BLANK*
6. ANNEXES
 - A. *MASTER ASSEMBLY ICD 3D MODEL AND 2D VIEWS (BLANK)*
 - B. *STRUCTURE, THERMOMETRY*
 - C. *PCAL*
 - D. *LAUNCH LATCH*
 - E. *OPTICS (BLANK)*
 - F. *CRYO-HARNESS*
 - G. *MCU*
 - H. *FPU SIMULATOR (BLANK)*
 - I. *INSTRUMENT SIMULATOR (BLANK)*