

SPIRE

SUBJECT: SPIRE CQM FPU Mass Measurements Report

PREPARED BY: E Sawyer

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Change Record

ISSUE	DATE	
1	09/11/04	Prepared for CQM EIDP
2	10/11/04	Mass of L0 detector strap added. Fixings changed was 0.22 now 0.29

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1. SCOPE

This document reports on the mass measurements taken on the SPIRE CQM FPU and JFETS.

2. APPLICABLE DOCUMENTS

AD 1	SCI-PT-IIDB/SPIRE-02124	SPIRE IID-B
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3. REFERENCE DOCUMENTS

4. MEASUREMENTS

Unit	Measured Mass	Nom Mass in IID-B	Allocated Mass
FPU	41.79		
HSJFET, With L3 interface block	0.91		
HPJFET, With L3 interface block	2.37		
L0 straps and fixings:			
Pump strap	0.75		
Evaporator strap	0.92		
Detector strap	0.77		
Fixings (including light traps)	0.29		
Total	47.8	48.21	51.0