



Outline

- MIPS Summary
- Zero Points (Rieke Photometric System)
- Repeatability
- Linearity
- Comparison with IRAS
- Extended Source Calibration











TABLE 3						
	K ^a 24 µm Calibration Factor Uncertainty					
Name	(mag)	$(DN s^{-1})$	(DN s ⁻¹)	$(MJy sr^{-1} [DN s^{-1}]^{-1})$	(MJy sr ⁻¹ [DN s ⁻¹] ⁻¹)	
ID 000319	5.479	6.708E±03	5.00E±01	4.513E-02	1.39E-03	The zero
D 002811	7.057	1.591E+03	3.35E+01	4.448E-02	1.63E-03	
D 011413	5.422	7.866E+03	3.87E+01	4.056E-02	1.23E-03	point in
D 014943	5.439	7.180E+03	2.84E+01	4.374E-02	1.32E-03	point is
D 015646	6.411	2.997E+03	4.85E+01	4.281E-02	1.46E-03	
D 017254	5.877	4.529E+03	1.97E+01	4.632E-02	1.40E - 03	derived
D 020888	5.691	5.519E+03	2.04E+01	4.512E-02	1.36E-03	activea
D 021981	5.526	6.089E+03	1.33E+01	4.761E-02	1.43E-03	from a co
D 034868	6.024	3.851E+03	3.89E+01	4.758E-02	1.51E-03	nom a se
D 042525	5.751	5.116E+03	2.85E+01	4.606E-02	1.40E-03	ofwall
D 057336	7.114	1.403E+03	3.44E+01	4.786E-02	1.86E-03	or well
D 073210	6.165	3.707E+03	5.55E+01	4.341E-02	1.45E-03	
D 073666	6.532	2.541E+03	5.66E+01	4.517E-02	1.69E-03	measured
D 073819	6.280	3.170E+03	5.29E+01	4.566E-02	1.57E-03	measured
D 092845	5.513	7.166E+03	4.51E+01	4.094E-02	1.26E-03	
D 101452	6.819	1.910E+03	3.50E+01	4.613E-02	1.62E-03	A 1
D 105805	5.600	5.734E+03	5.10E+01	4.722E-02	1.48E-03	A type
D 116706	5.502	6.188E+03	5.01E+01	4.789E-02	1.49E-03	
D 128998	5.756	4.824E+03	2.79E+01	4.862E-02	1.48E-03	ctarc(22)
D 158485	6.145	3.564E+03	2.79E+01	4.599E-02	1.43E-03	Stars (22)
D 163466	6.339	2.917E+03	2.94E+01	4.699E-02	1.49E-03	
D 172728	5.753	4.747E+03	2.21E+01	4.954E-02	1.50E-03	















given in MIPS70 units.







The solid line gives the sigma-clipped average in 15 equally spaced bins. The dashed line is drawn at 1. The typical uncertainty of a single measurement is shown in the upper right. The first vertical line indicates the transition between dither patterns (between second and third MIPS campaigns). The second vertical line indicates the transition between array bias voltage values (between fourth and fifth MIPS campaigns). The third vertical line indicates the update to the instrument software (between the eighth and ninth MIPS campaigns).

