

APOGEE
Sloan Digital Sky Survey III

LAB TESTING LOG

Observers: Nelson, Majewski
Date (UT): 25 March 2011
data dir: _____
Location: Ola lab
Wx & Seeing: _____

End-to-End cooldown cycle: 6
Page: 1/3

File Name	Light Source / Object	Time (UTC)	Collimator Focus			Cam Temp (deg K)	Det Temp (deg K)	SUTR (#)	t_int (sec)	Dither Posn	Comment
			1	2	3						
Trace 000	QTH	1000 AM								bundles 1,3,6,10	blocked light - bad
Trace 001-3	QTH		+0.4	+0.4	+0.4	81.5	77	10		"	
Sodium 000-2	street light Na	1015	+0.4	+0.4	+0.4			40		"	"cold" redone because yesterday's swamped by continuum
ThAr-Ne 000	ThArNe	1040	"	"	"			40		"	looks like focus is right (same as yesterday)
BB Blackbody 000-001	BB source	1125	"	"	"			40		bundles 1,3,6,10	
120 Centigrade	110C										
Blackbody 002-3	120C	1145	"	"	"			40		"	
Blackbody 004-5	130C	1200P	"	"	"			40			~20k counts
Blackbody 006	150C	1215P	"	"	"			40			
007-008	150C	1225	"	"	"			20			
Blackbody 009-010	110C	100 PM	"	"	"			40			
Blackbody 011-012	120C	120	"	"	"			40			
Blackbody 013-014	130C	1:40	"	"	"			40			
Blackbody 015-016	150C	1:53	"	"	"			20			
Blackbody 017-018	110C	2:24	"	"	"			40			
Blackbody 019-020	120C	2:41	"	"	"			40			
Blackbody 021-022	130C	2:58	"	"	"			40			
Blackbody 023	150C	3:16	"	"	"			40			

Blackbody 024-025 150C 3:23 20

APOGEE
Sloan Digital Sky Survey III

LAB TESTING LOG

Observers: Nelson, Majewski
Date (UT): 25 Mar 2011
data dir: _____
Location: _____
Wx & Seeing: _____

End-to-End cooldown cycle: 6
Page: 2/3

local

File Name	Light Source / Object	Time (UT)	Collimator Focus			Cam Temp (deg K)	Det Temp (deg K)	SUTR (#)	t_int (sec)	Dither Posn	Comment
			1	2	3						
dark 000-002			10.4	10.4	10.4	81.5	77.5	40			
continuum 000-001	QTH		"	"	"			10			
dark 003-005			"	"	"			40			
usetup 000-001	U-Ne		"	"				20			
usetup 02	lamp off							20			to measure persistence
superflat 000-001	QTH		1.422	1.422	1.477			10			garbage - lamp off
superflat 002	QTH		1.420	1.420	1.479			10		Station -15	⊗ subtract 1.05 to put
003			1.422	1.422	1.477					-14	on system from rest of day
004			1.423	1.423	1.475					-13	
005			1.425	1.425	1.474					-12	
006			1.427	1.427	1.472					-11	
007			1.429	1.429	1.470					-10	
008			1.431	1.431	1.468					-09	
009			1.433	1.433	1.466					-08	
010			1.435	1.435	1.464					-07	
011			1.437	1.437	1.462					-06	
012			1.439	1.439	1.460					-05	
013			1.441	1.441	1.458					-04	
014			1.443	1.443	1.456					-03	
015			1.445	1.445	1.454					-02	
016			1.447	1.447	1.452					-01	
017			1.449	1.449	1.450					0	

Sloan Digital Sky Survey III

local

Wx & Seeing:

25 Mar 2011

4

3/2

File Name	Light Source / Object	Time (UT)	Collimator Focus			Cam Temp (deg K)	Det Temp (deg K)	SUTR (#)	t_int (sec)	Dither Posn Spectrum	Comment
			1	2	3						
superflat 018	QTH	1855	1.451	1.451	1.448			10		+01	
019			1.453	1.453	1.446					+02	
020			1.455	1.455	1.444					+03	
021			1.457	1.457	1.442					+04	
022			1.459	1.459	1.440					+05	
023			1.461	1.461	1.438					+06	
024			1.463	1.463	1.436					+07	
025			1.465	1.465	1.434					+08	
026			1.467	1.467	1.432					+09	
027			1.469	1.469	1.430					+10	
028			1.471	1.471	1.428					+11	
029			1.473	1.473	1.426					+12	
030			1.475	1.475	1.424					+13	
031			1.477	1.477	1.422					+14	
032			1.479	1.479	1.420					+15	
033			1.449	1.449	1.449			10			motors sent to 1.45 to check repeatability
uranium 000	UrNe	1935	1.449	1.449	1.449	81.5	77.4	20			
dask	none	1941						300			