

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59269 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 18 2012

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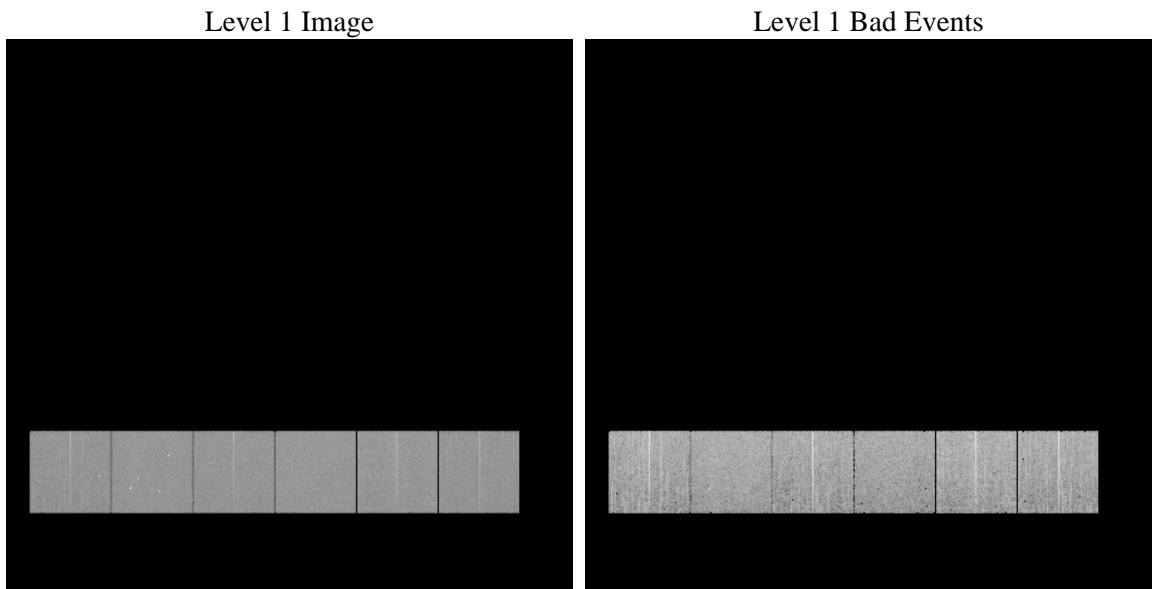
1 Front

seq_num	 	Sequence number
obs_id	59269	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	44.226319590384	Nominal RA [deg]
dec_nom	7.1888546808272	Nominal Dec [deg]
roll_nom	304.61304613216	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6399.9999761581	Sum of GTIs [s]
livetime	6318.9593228427	Livetime [s]
ontime4	6147.2032727599	Sum of GTIs [s]
ontime5	6399.9999761581	Sum of GTIs [s]
ontime6	6390.2770451903	Sum of GTIs [s]
ontime7	6399.9999761581	Sum of GTIs [s]
ontime8	6399.9999761581	Sum of GTIs [s]
ontime9	6341.6623203754	Sum of GTIs [s]
l2events	792664	Number of level 2 events

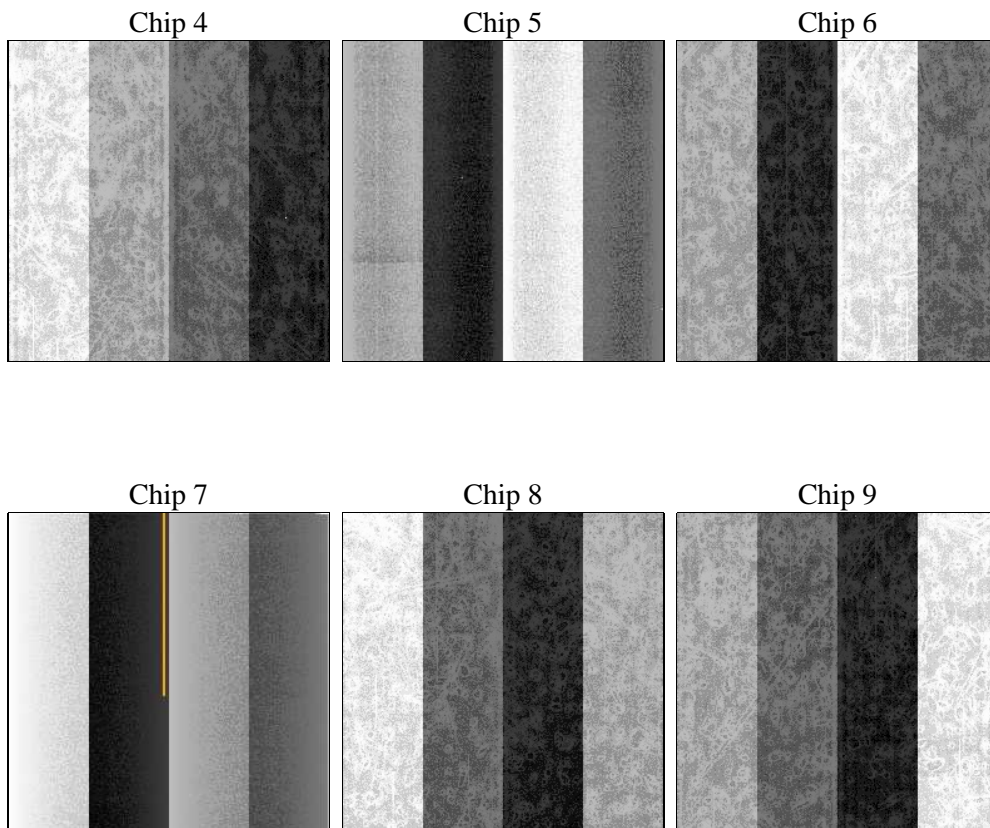
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	6399.9999761581	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	6147.2032727599	Sum of GTIs [s]
date	2012-03-18T09:57:23	Date and time of file creation	ontime5	6399.9999761581	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6390.2770451903	Sum of GTIs [s]
			ontime7	6399.9999761581	Sum of GTIs [s]
			ontime8	6399.9999761581	Sum of GTIs [s]
			ontime9	6341.6623203754	Sum of GTIs [s]
			l1events	1149280	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	179133	195081	188429	198010	202932	185695	grade 0 events	74149	32909	75584	36172	79108	73697
rejected events	51927	47346	48703	42024	55564	51513		41%	16%	40%	18%	38%	39%
rejected %	28%	24%	25%	21%	27%	27%	grade 1 events	612	461	370	130	472	465
								0%	0%	0%	0%	0%	0%
							grade 2 events	19940	52280	24444	34320	26026	22928
								11%	26%	12%	17%	12%	12%
							grade 3 events	8570	8091	8762	15654	9980	8609
								4%	4%	4%	7%	4%	4%
							grade 4 events	8342	7890	8655	15273	9687	8761
								4%	4%	4%	7%	4%	4%
							grade 5 events	2872	6974	3114	7242	3794	3400
								1%	3%	1%	3%	1%	1%
							grade 6 events	16205	46565	22281	54567	22567	20187
								9%	23%	11%	27%	11%	10%
							grade 7 events	48443	39911	45219	34652	51298	47648
								27%	20%	23%	17%	25%	25%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	44.22631959038429	Alternating exposures requested	N	N
[deg] Pointing Dec	0	7.188854680827176	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	304.6130461321568			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	249927924.161216	249927923.13625			
Observation start date	2005-12-02T16:25:24	2005-12-02T16:25:23			
[s] Observation end time (MET)	249967118.113063	249967117.08806			
Observation end date	2005-12-03T03:18:38	2005-12-03T03:18:37			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3999999761581

A.2 Comments