

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59499 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 27 2012

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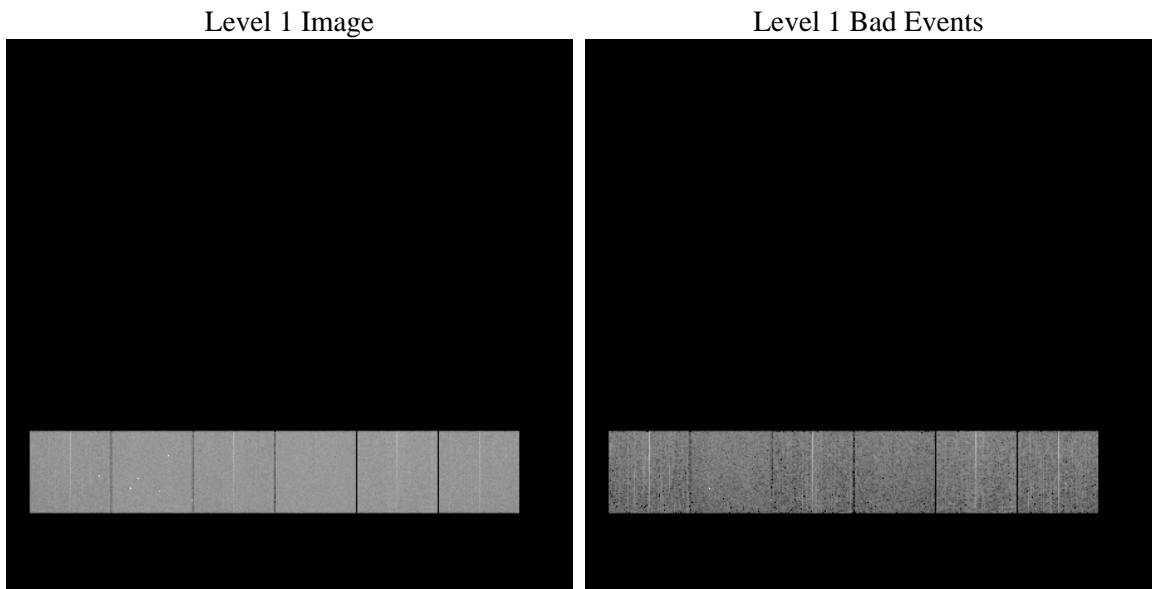
1 Front

seq_num	 	Sequence number
obs_id	59499	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	337.98190954475	Nominal RA [deg]
dec_nom	19.995447297374	Nominal Dec [deg]
roll_nom	162.92685083489	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5610.1740271747	Sum of GTIs [s]
livetime	5539.1346256014	Livetime [s]
ontime4	5117.5468524992	Sum of GTIs [s]
ontime5	5610.1740271747	Sum of GTIs [s]
ontime6	5409.2341383696	Sum of GTIs [s]
ontime7	5610.1740271747	Sum of GTIs [s]
ontime8	5553.7137340903	Sum of GTIs [s]
ontime9	5334.6918515265	Sum of GTIs [s]
l2events	723248	Number of level 2 events

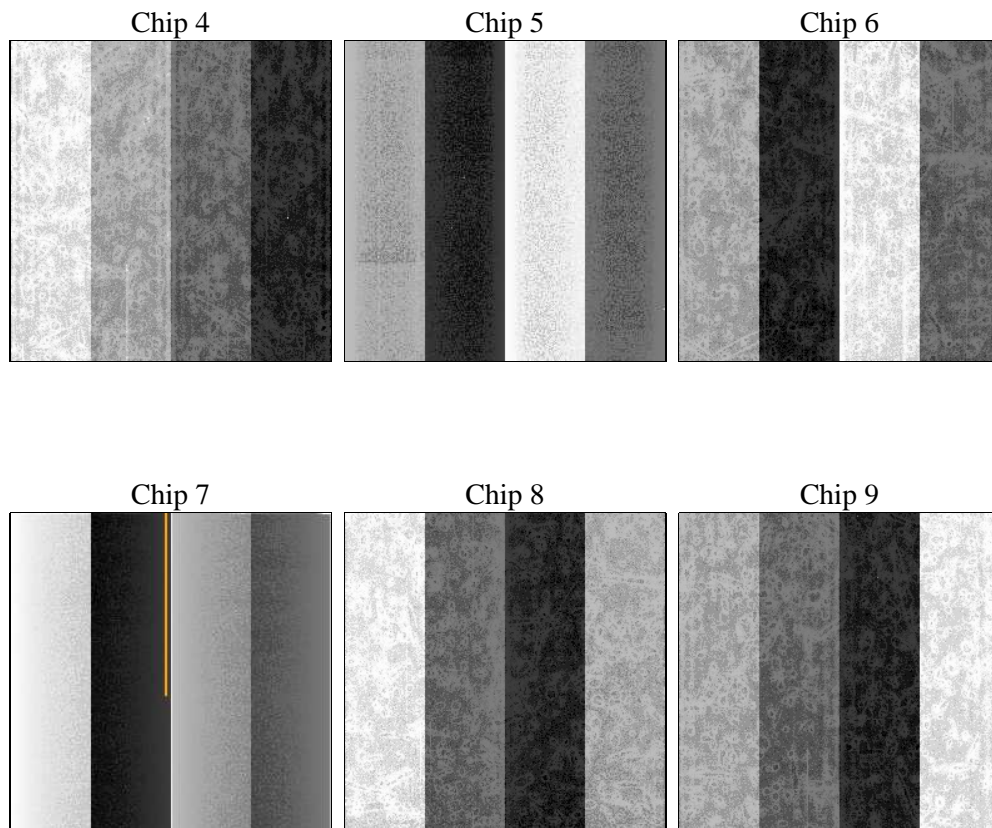
2 OBI

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	8.5.1.1	Processing system revision	ontime	5610.1740271747	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	5117.5468524992	Sum of GTIs [s]
date	2012-12-27T23:37:04	Date and time of file creation	ontime5	5610.1740271747	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5409.2341383696	Sum of GTIs [s]
			ontime7	5610.1740271747	Sum of GTIs [s]
			ontime8	5553.7137340903	Sum of GTIs [s]
			ontime9	5334.6918515265	Sum of GTIs [s]
			l1events	1014384	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	154592	172357	166175	179344	180144	161772	grade 0 events	65699	28904	69264	34553	72992	66730
rejected events	41822	40089	38606	34835	44941	40411		42%	16%	41%	19%	40%	41%
rejected %	27%	23%	23%	19%	24%	24%	grade 1 events	504	273	346	123	398	389
								0%	0%	0%	0%	0%	0%
							grade 2 events	17857	47197	22059	31946	23778	20730
								11%	27%	13%	17%	13%	12%
							grade 3 events	7550	7482	8028	14402	8991	7757
								4%	4%	4%	8%	4%	4%
							grade 4 events	7395	7559	7946	14075	8995	7760
								4%	4%	4%	7%	4%	4%
							grade 5 events	2315	6404	2557	6236	3130	2793
								1%	3%	1%	3%	1%	1%
							grade 6 events	14269	41126	20272	49533	20447	18384
								9%	23%	12%	27%	11%	11%
							grade 7 events	39003	33412	35703	28476	41413	37229
								25%	19%	21%	15%	22%	23%

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	337.9819095447479	Alternating exposures requested	N	N
[deg] Pointing Dec	0	19.99544729737354	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	162.9268508348906			
[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)	240789579.290501	240789578.26549			
Observation start date	2005-08-18T21:59:39	2005-08-18T21:59:38			
[s] Observation end time (MET)	240807240.041311	240807239.0163			
Observation end date	2005-08-19T02:54:00	2005-08-19T02:53:59			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6101740271747

A.2 Comments