

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59336 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 31 2012

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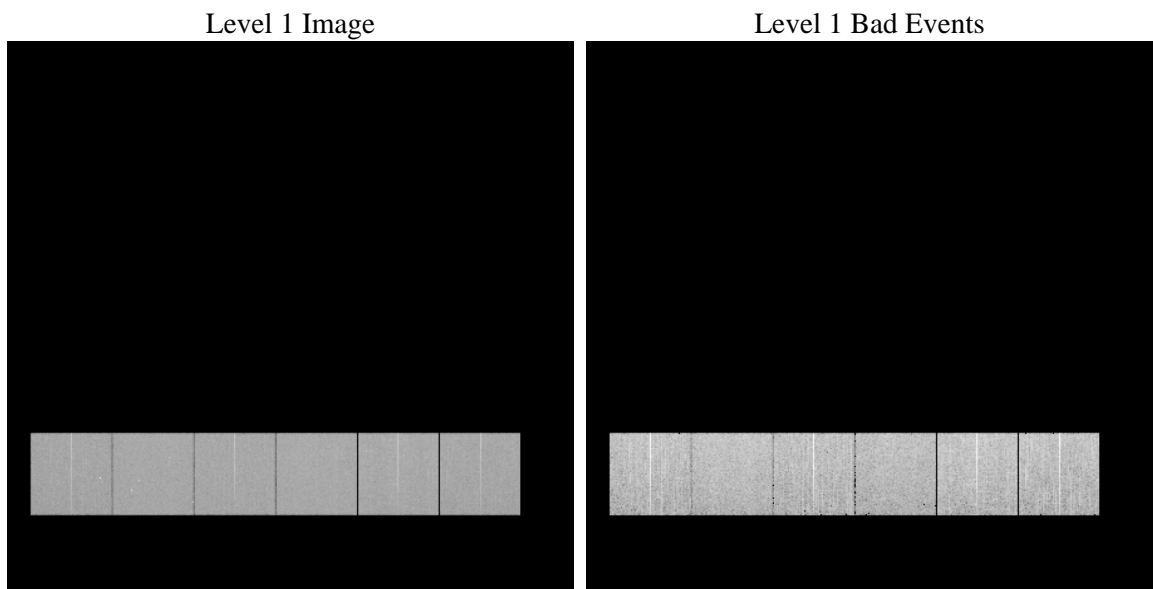
1 Front

seq_num	 	Sequence number
obs_id	59336	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	60.111705205274	Nominal RA [deg]
dec_nom	-6.67385151078	Nominal Dec [deg]
roll_nom	33.02237937777	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7608.6196896434	Sum of GTIs [s]
livetime	7512.2747657724	Livetime [s]
ontime4	7281.1573394239	Sum of GTIs [s]
ontime5	7608.5786496401	Sum of GTIs [s]
ontime6	7553.4408745766	Sum of GTIs [s]
ontime7	7608.6196896434	Sum of GTIs [s]
ontime8	7608.45552966	Sum of GTIs [s]
ontime9	7446.6115746796	Sum of GTIs [s]
l2events	950348	Number of level 2 events

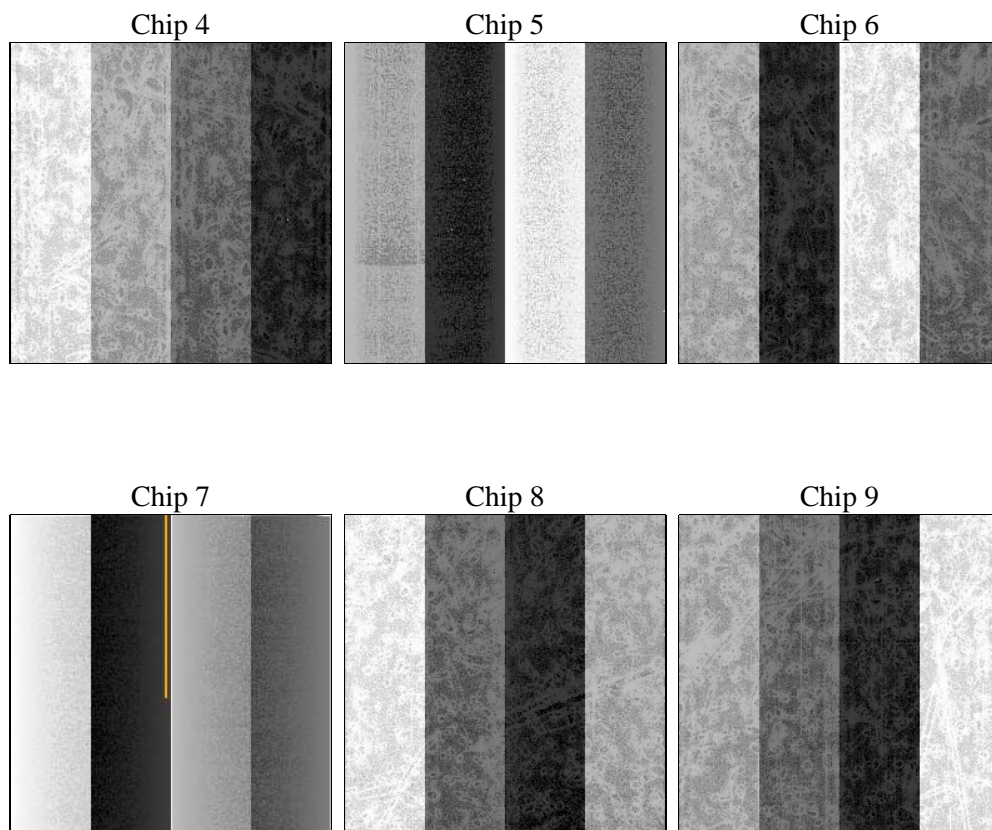
2 OBI

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	7608.6196896434	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	7281.1573394239	Sum of GTIs [s]
date	2012-12-31T15:54:41	Date and time of file creation	ontime5	7608.5786496401	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7553.4408745766	Sum of GTIs [s]
			ontime7	7608.6196896434	Sum of GTIs [s]
			ontime8	7608.45552966	Sum of GTIs [s]
			ontime9	7446.6115746796	Sum of GTIs [s]
			l1events	1375031	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	213282	228325	227895	239879	243627	222023	grade 0 events	88628	33487	91910	43771	95724	88379
rejected events	62009	58059	59802	52157	67286	62355		41%	14%	40%	18%	39%	39%
rejected %	29%	25%	26%	21%	27%	28%	grade 1 events	766	174	500	178	548	558
								0%	0%	0%	0%	0%	0%
							grade 2 events	23967	62950	29278	41448	31393	27778
								11%	27%	12%	17%	12%	12%
							grade 3 events	10345	9506	10463	18858	11871	10248
								4%	4%	4%	7%	4%	4%
							grade 4 events	10206	9385	10684	18681	11865	10398
								4%	4%	4%	7%	4%	4%
							grade 5 events	3351	8384	3684	8737	4454	3905
								1%	3%	1%	3%	1%	1%
							grade 6 events	19495	56436	27159	66646	27083	24325
								9%	24%	11%	27%	11%	10%
							grade 7 events	56524	48003	54217	41560	60689	56432
								26%	21%	23%	17%	24%	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	60.11170520527434	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-6.673851510780045	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	33.02237937777009			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	247913042.618198	247913041.59319			
Observation start date	2005-11-09T08:44:03	2005-11-09T08:44:01			
[s] Observation end time (MET)	247933753.769154	247933752.74415			
Observation end date	2005-11-09T14:29:14	2005-11-09T14:29:12			
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)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6086196896434

A.2 Comments