

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56282 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 25 2012

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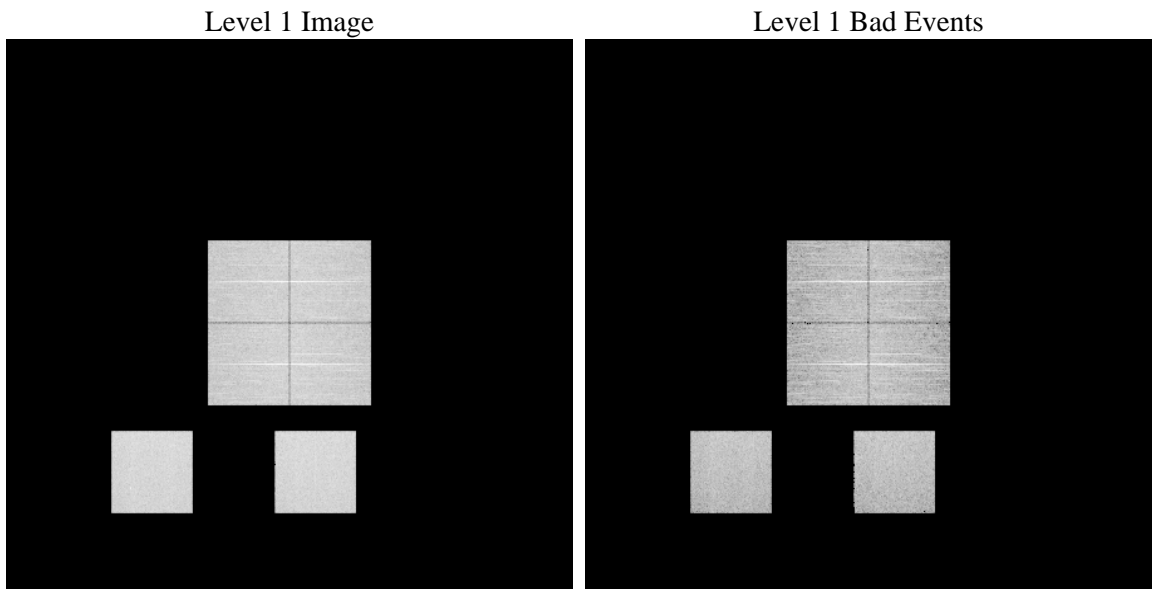
1 Front

seq_num	 	Sequence number
obs_id	56282	Observation id
title	ACIS-012357 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	230.02152197567	Nominal RA [deg]
dec_nom	-38.976667469342	Nominal Dec [deg]
roll_nom	21.371357296879	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8415.9999687076	Sum of GTIs [s]
livetime	8309.431509597	Livetime [s]
ontime0	8415.9999687076	Sum of GTIs [s]
ontime1	8415.9999687076	Sum of GTIs [s]
ontime2	8415.9999687076	Sum of GTIs [s]
ontime3	8415.9999687076	Sum of GTIs [s]
ontime5	8415.9999687076	Sum of GTIs [s]
ontime7	8415.9999687076	Sum of GTIs [s]
l2events	469533	Number of level 2 events

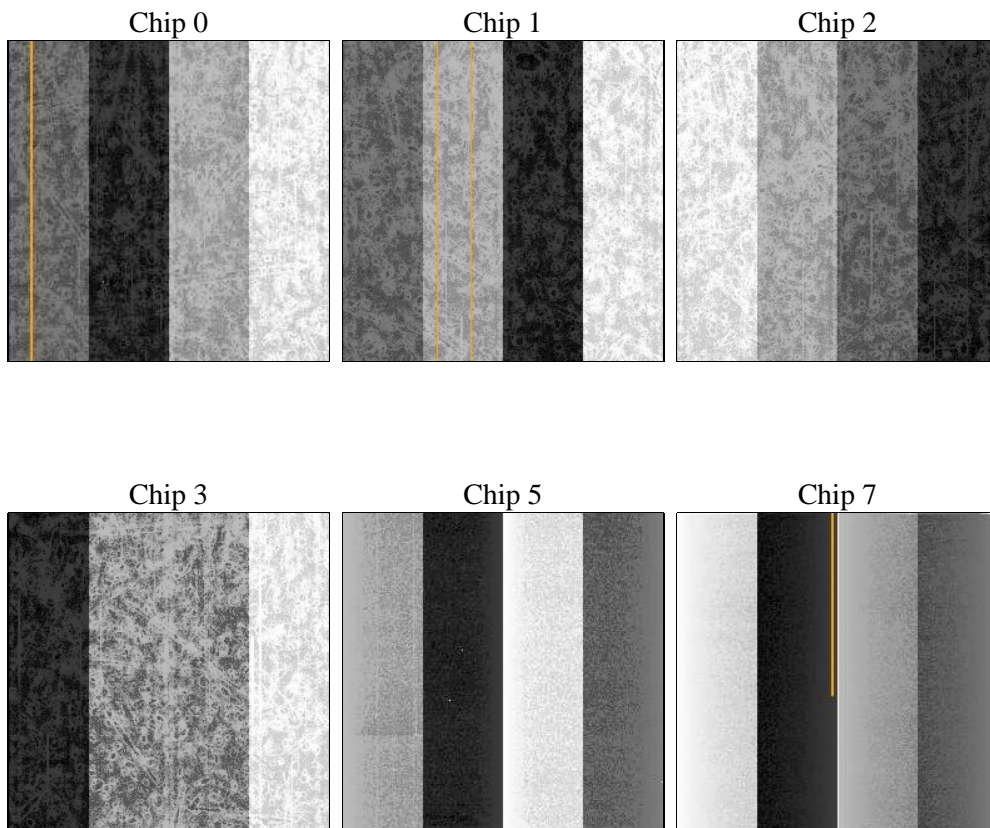
2 OBI

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	8.4.5	Processing system revision	ontime	8415.9999687076	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8415.9999687076	Sum of GTIs [s]
date	2012-06-25T10:37:40	Date and time of file creation	ontime1	8415.9999687076	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8415.9999687076	Sum of GTIs [s]
			ontime3	8415.9999687076	Sum of GTIs [s]
			ontime5	8415.9999687076	Sum of GTIs [s]
			ontime7	8415.9999687076	Sum of GTIs [s]
			l1events	898955	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	135886	138014	138719	141842	172206	172288	grade 0 events	37580	36508	37808	38990	12219	19171
rejected events	64787	66300	68970	70296	68969	67741		27%	26%	27%	27%	7%	11%
rejected %	47%	48%	49%	49%	40%	39%	grade 1 events	279	221	272	283	188	136
								0%	0%	0%	0%	0%	0%
							grade 2 events	12876	14269	12069	12351	38570	22807
								9%	10%	8%	8%	22%	13%
							grade 3 events	4757	4685	4706	4825	4234	9058
								3%	3%	3%	3%	2%	5%
							grade 4 events	4677	4756	4769	4825	4055	9332
								3%	3%	3%	3%	2%	5%
							grade 5 events	3837	3922	3785	4394	8621	10309
								2%	2%	2%	3%	5%	5%
							grade 6 events	11503	11778	10688	10903	44581	44631
								8%	8%	7%	7%	25%	25%
							grade 7 events	60377	61875	64622	65271	59738	56844
								44%	44%	46%	46%	34%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	230.0215219756664	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-38.97666746934202	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	21.37135729687873	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	389342944.389441	389342943.36447			
Observation start date	2010-05-04T06:49:04	2010-05-04T06:49:03			
[s] Observation end time (MET)	389353124.689958	389353123.66499			
Observation end date	2010-05-04T09:38:45	2010-05-04T09:38:43			
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)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4159999687076

A.2 Comments