

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56563 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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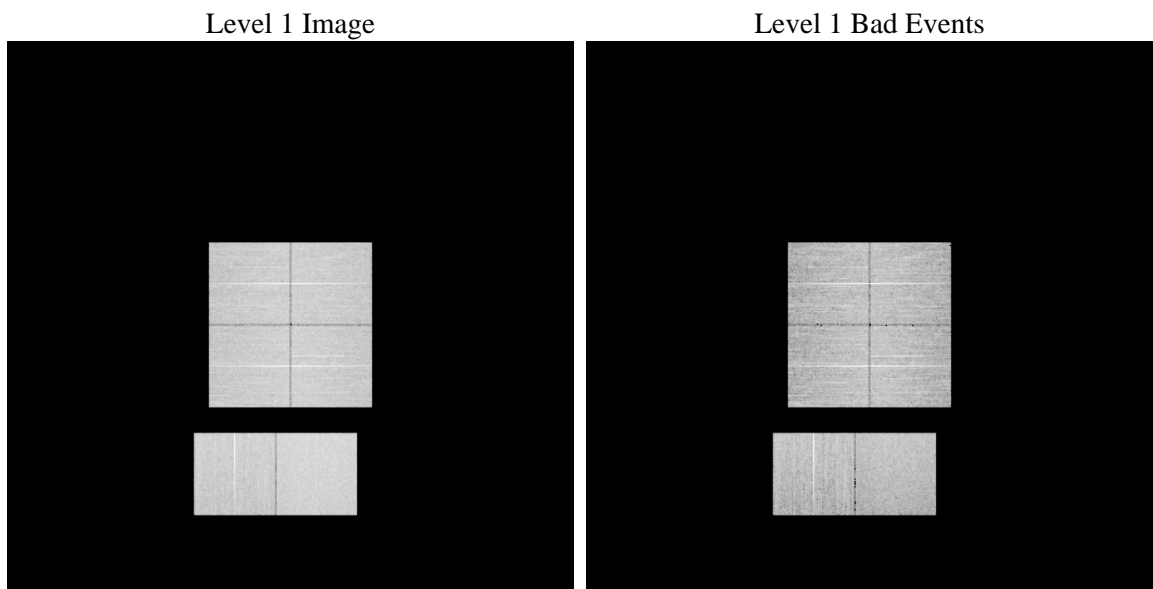
1 Front

seq_num	 	Sequence number
obs_id	56563	Observation id
title	ACIS-012367 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	103.01752093106	Nominal RA [deg]
dec_nom	0.022666072170021	Nominal Dec [deg]
roll_nom	19.42963023537	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8449.8151919842	Sum of GTIs [s]
livetime	8342.8185441554	Livetime [s]
ontime0	8449.7741519809	Sum of GTIs [s]
ontime1	8449.7331119776	Sum of GTIs [s]
ontime2	8449.6920719743	Sum of GTIs [s]
ontime3	8446.6152117848	Sum of GTIs [s]
ontime6	8449.651031971	Sum of GTIs [s]
ontime7	8449.8151919842	Sum of GTIs [s]
l2events	443203	Number of level 2 events

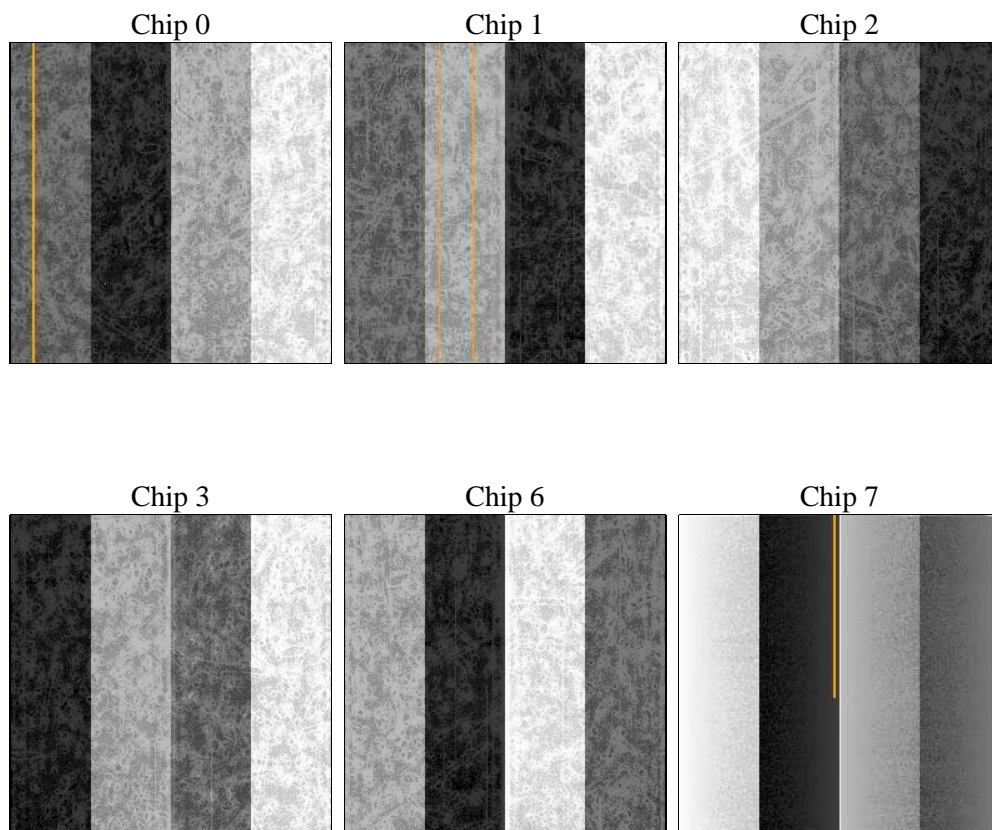
2 OBI

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	8449.8151919842	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8449.7741519809	Sum of GTIs [s]
date	2012-06-18T20:35:09	Date and time of file creation	ontime1	8449.7331119776	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8449.6920719743	Sum of GTIs [s]
			ontime3	8446.6152117848	Sum of GTIs [s]
			ontime6	8449.651031971	Sum of GTIs [s]
			ontime7	8449.8151919842	Sum of GTIs [s]
			l1events	935543	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	145146	147311	148957	153135	153934	187060	grade 0 events	37263	36674	37797	38899	37954	19661
rejected events	74919	76465	78299	81398	80635	75014		25%	24%	25%	25%	24%	10%
rejected %	51%	51%	52%	53%	52%	40%	grade 1 events	299	225	331	325	264	165
								0%	0%	0%	0%	0%	0%
							grade 2 events	12665	13541	12525	12479	13220	24270
								8%	9%	8%	8%	8%	12%
							grade 3 events	4880	4840	5004	5028	4917	10395
								3%	3%	3%	3%	3%	5%
							grade 4 events	4622	4621	4904	4931	4860	10325
								3%	3%	3%	3%	3%	5%
							grade 5 events	4284	4342	4143	4783	4614	12224
								2%	2%	2%	3%	2%	6%
							grade 6 events	10828	11200	10457	10427	12382	47456
								7%	7%	7%	6%	8%	25%
							grade 7 events	70305	71868	73796	76263	75723	62564
								48%	48%	49%	49%	49%	33%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	103.0175209310571	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	0.02266607217002141	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	19.42963023537035	[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)	378148894.221786	378148893.19678			
Observation start date	2009-12-25T17:21:34	2009-12-25T17:21:33			
[s] Observation end time (MET)	378159074.522301	378159073.4973			
Observation end date	2009-12-25T20:11:15	2009-12-25T20:11:13			
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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4498151919842

A.2 Comments