

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57779 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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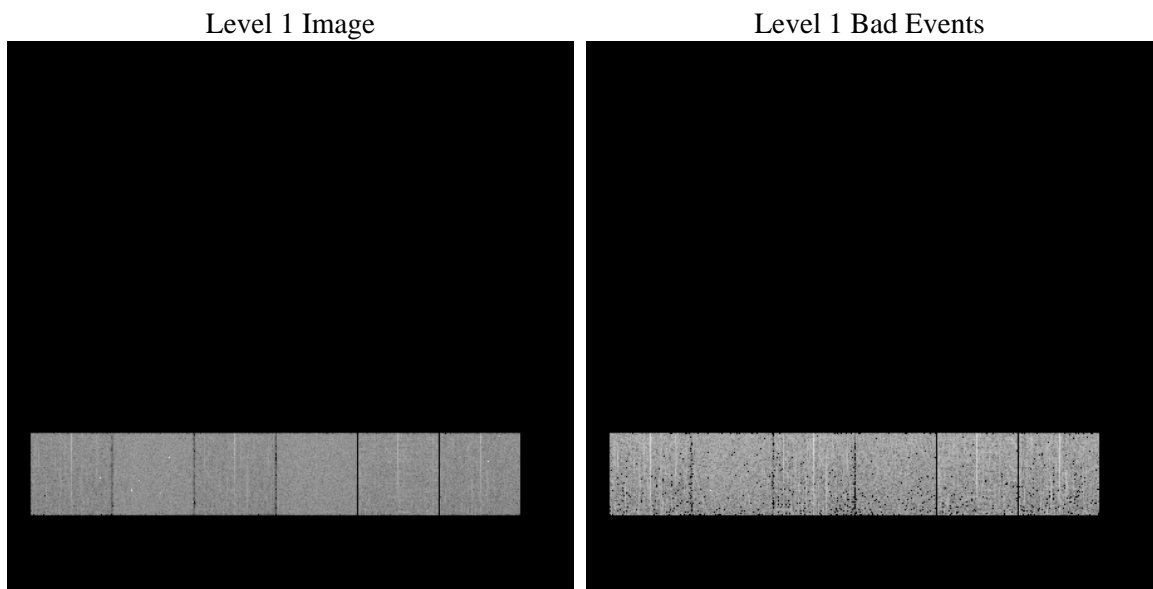
1 Front

seq_num	 	Sequence number
obs_id	57779	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	239.49144852504	Nominal RA [deg]
dec_nom	-2.3270809917055	Nominal Dec [deg]
roll_nom	211.91413518148	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2792.2762120366	Sum of GTIs [s]
livetime	2756.9187293329	Livetime [s]
ontime4	2792.1530920267	Sum of GTIs [s]
ontime5	2792.2351720333	Sum of GTIs [s]
ontime6	2792.19413203	Sum of GTIs [s]
ontime7	2792.2762120366	Sum of GTIs [s]
ontime8	2792.1120520234	Sum of GTIs [s]
ontime9	2792.3172520399	Sum of GTIs [s]
l2events	208196	Number of level 2 events

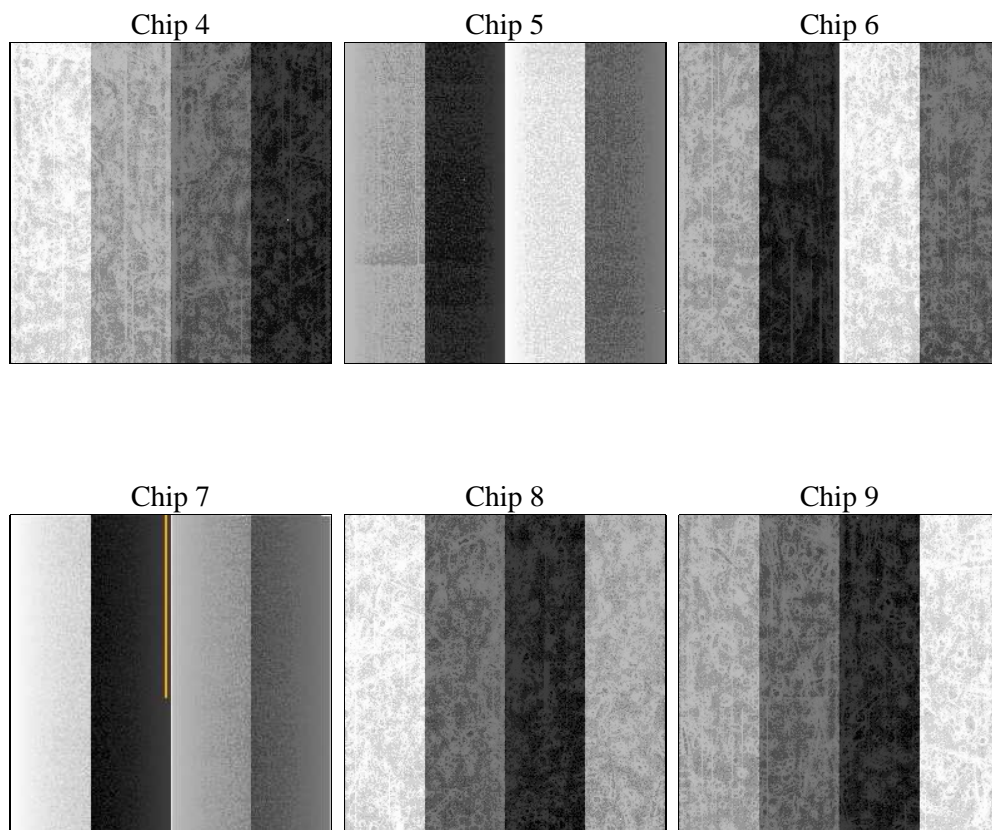
2 OBI

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	8.4.4	Processing system revision	ontime	2792.2762120366	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	2792.1530920267	Sum of GTIs [s]
date	2012-05-16T04:13:31	Date and time of file creation	ontime5	2792.2351720333	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2792.19413203	Sum of GTIs [s]
			ontime7	2792.2762120366	Sum of GTIs [s]
			ontime8	2792.1120520234	Sum of GTIs [s]
			ontime9	2792.3172520399	Sum of GTIs [s]
			l1events	376103	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	58412	67990	59460	66380	64838	59023	grade 0 events	18843	7700	18025	8836	19402	18592
rejected events	25712	23898	25447	22087	26558	25148		32%	11%	30%	13%	29%	31%
rejected %	44%	35%	42%	33%	40%	42%	grade 1 events	174	99	120	47	108	134
								0%	0%	0%	0%	0%	0%
							grade 2 events	5196	15657	6036	9679	7123	5768
								8%	23%	10%	14%	10%	9%
							grade 3 events	2210	2154	2157	4209	2603	2190
								3%	3%	3%	6%	4%	3%
							grade 4 events	2243	2113	2154	4298	2632	2186
								3%	3%	3%	6%	4%	3%
							grade 5 events	1441	3201	1499	3606	1910	1598
								2%	4%	2%	5%	2%	2%
							grade 6 events	4208	16468	5641	17271	6554	5139
								7%	24%	9%	26%	10%	8%
							grade 7 events	24097	20598	23828	18434	24506	23416
								41%	30%	40%	27%	37%	39%

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	239.4914485250441	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-2.32708099170552	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	211.9141351814761			
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	328984535.869475	328984534.84447			
Observation start date	2008-06-04T16:35:36	2008-06-04T16:35:34			
[s] Observation end time (MET)	328996883.020078	328996881.99507			
Observation end date	2008-06-04T20:01:23	2008-06-04T20:01:21			
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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7922762120366

A.2 Comments