

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57600 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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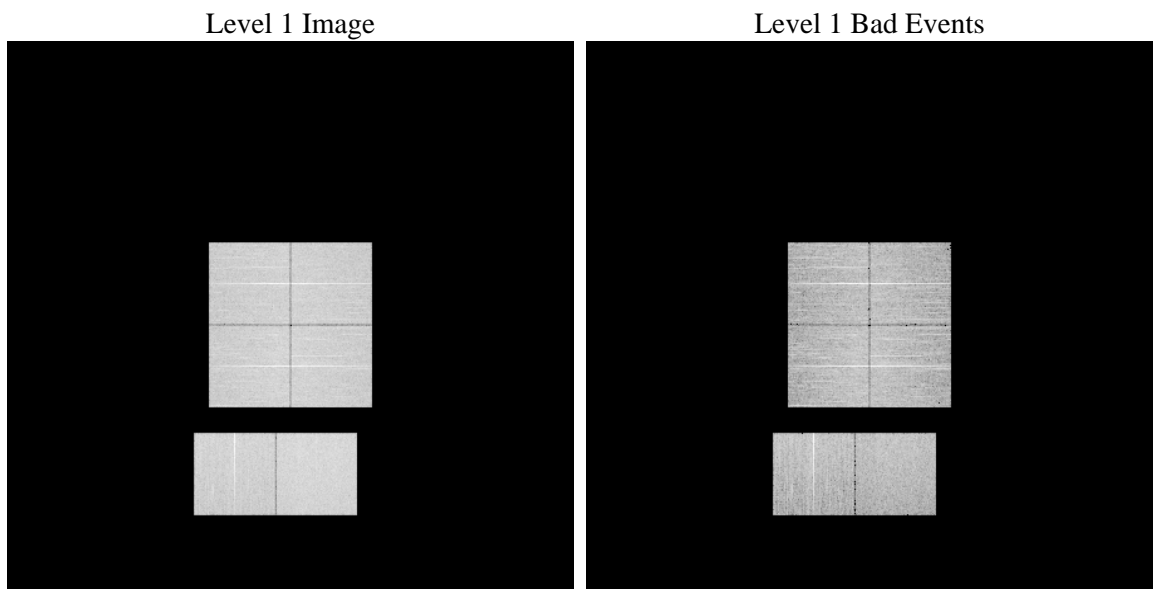
1 Front

seq_num	 	Sequence number
obs_id	57600	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	335.99985958057	Nominal RA [deg]
dec_nom	14.971308609118	Nominal Dec [deg]
roll_nom	236.82834375691	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9109364748	Sum of GTIs [s]
livetime	7693.2450684717	Livetime [s]
ontime0	7791.8698964715	Sum of GTIs [s]
ontime1	7791.8288564682	Sum of GTIs [s]
ontime2	7791.7878164649	Sum of GTIs [s]
ontime3	7791.9519764781	Sum of GTIs [s]
ontime6	7791.7467764616	Sum of GTIs [s]
ontime7	7791.9109364748	Sum of GTIs [s]
l2events	524729	Number of level 2 events

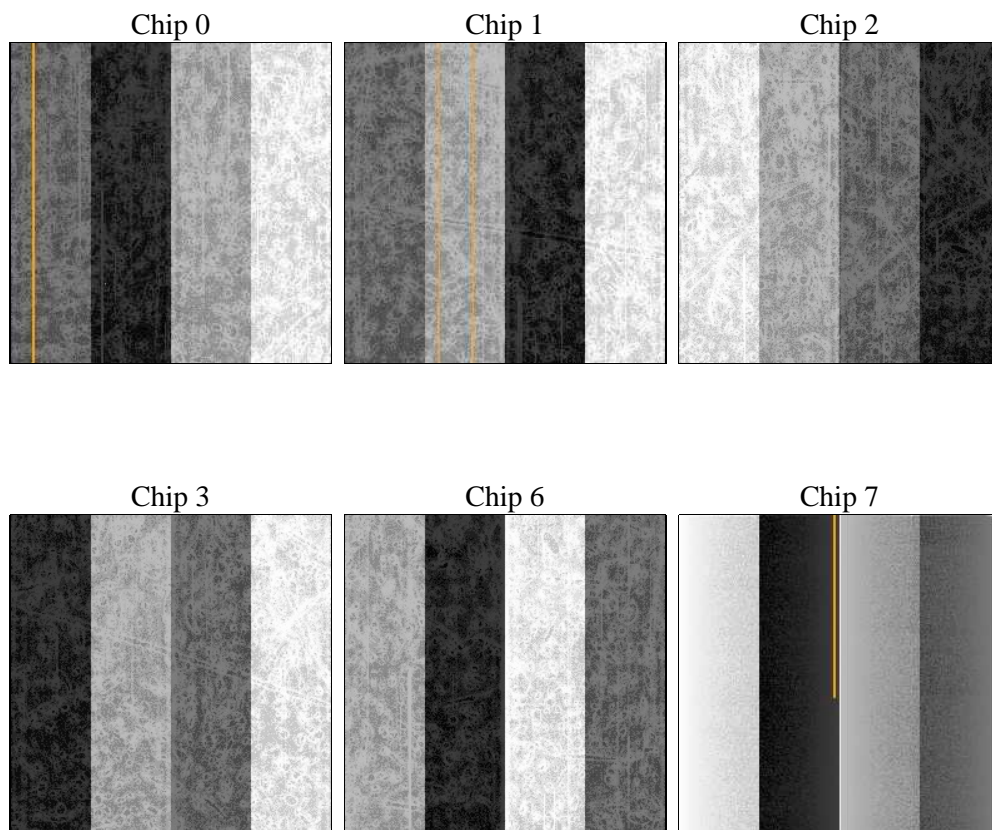
2 OBI

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	7791.9109364748	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7791.8698964715	Sum of GTIs [s]
date	2012-05-21T20:50:45	Date and time of file creation	ontime1	7791.8288564682	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.7878164649	Sum of GTIs [s]
			ontime3	7791.9519764781	Sum of GTIs [s]
			ontime6	7791.7467764616	Sum of GTIs [s]
			ontime7	7791.9109364748	Sum of GTIs [s]
			l1events	965293	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	152386	150573	159499	157487	160858	184490	grade 0 events	46011	45483	47607	47377	47371	23449
rejected events	66729	64848	73099	71327	71227	64066		30%	30%	29%	30%	29%	12%
rejected %	43%	43%	45%	45%	44%	34%	grade 1 events	308	285	359	358	330	179
								0%	0%	0%	0%	0%	0%
							grade 2 events	15565	15773	14891	15176	15898	26345
								10%	10%	9%	9%	9%	14%
							grade 3 events	5695	5677	5877	5713	5811	11430
								3%	3%	3%	3%	3%	6%
							grade 4 events	5711	5795	5754	5787	5854	11238
								3%	3%	3%	3%	3%	6%
							grade 5 events	3605	3929	3547	4170	4058	10414
								2%	2%	2%	2%	2%	5%
							grade 6 events	12712	13033	12320	12156	14733	48009
								8%	8%	7%	7%	9%	26%
							grade 7 events	62779	60598	69144	66750	66803	53426
								41%	40%	43%	42%	41%	28%

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	335.9998595805749	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	14.97130860911783	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	236.8283437569055	[s] Primary exposure time	3.2	3.2
[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)	338348234.488165	338348233.46315			
Observation start date	2008-09-21T01:37:14	2008-09-21T01:37:13			
[s] Observation end time (MET)	338363529.538918	338363528.51391			
Observation end date	2008-09-21T05:52:10	2008-09-21T05:52:08			
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)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919109364748

A.2 Comments