

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60125 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 6 2012

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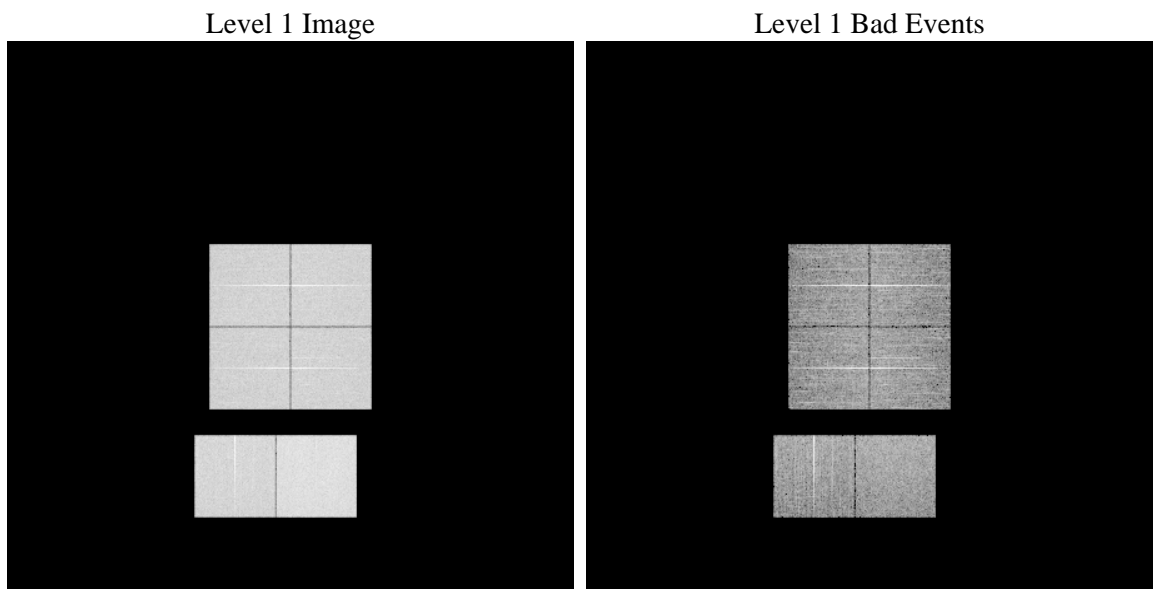
1 Front

seq_num	 	Sequence number
obs_id	60125	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	327.97904379349	Nominal RA [deg]
dec_nom	-17.980055187351	Nominal Dec [deg]
roll_nom	100.85891365971	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8180.9321487546	Sum of GTIs [s]
livetime	8077.3402599211	Livetime [s]
ontime0	6284.921531707	Sum of GTIs [s]
ontime1	6411.2786512077	Sum of GTIs [s]
ontime2	6080.1466292739	Sum of GTIs [s]
ontime3	6165.0867445767	Sum of GTIs [s]
ontime6	6614.9080040455	Sum of GTIs [s]
ontime7	8180.9321487546	Sum of GTIs [s]
l2events	1144318	Number of level 2 events

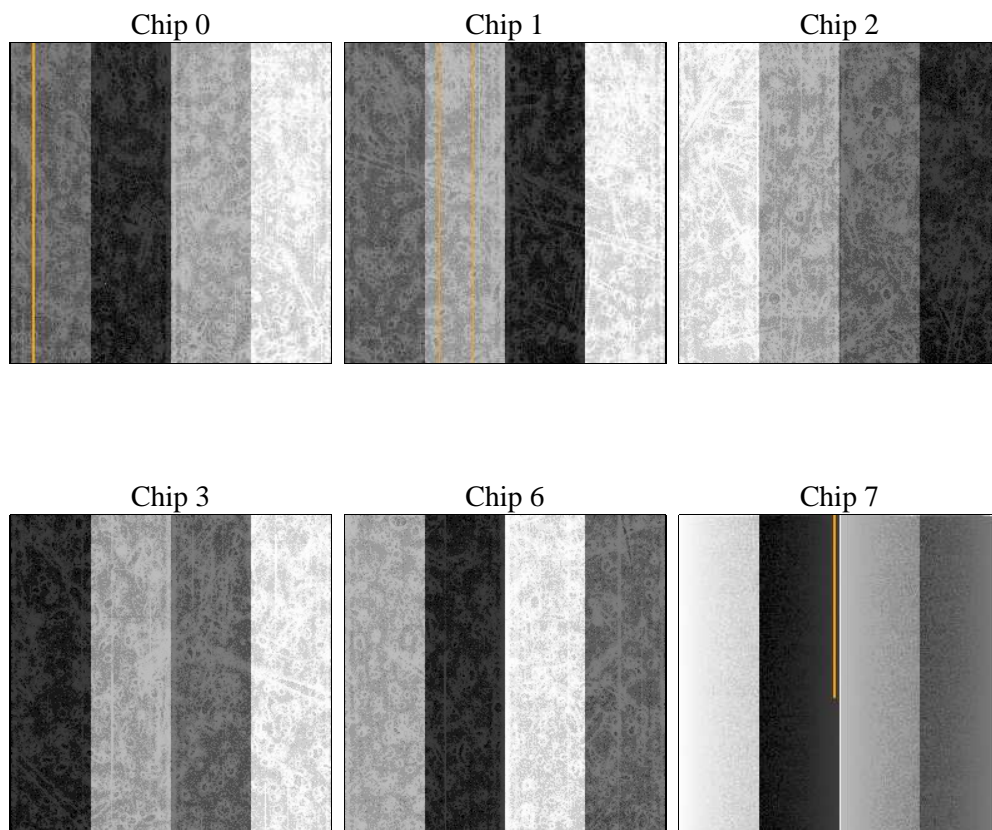
2 OBI

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	Processing system revision	ontime	8180.9321487546	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6284.921531707	Sum of GTIs [s]
date	2012-12-06T11:04:17	Date and time of file creation	ontime1	6411.2786512077	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6080.1466292739	Sum of GTIs [s]
			ontime3	6165.0867445767	Sum of GTIs [s]
			ontime6	6614.9080040455	Sum of GTIs [s]
			ontime7	8180.9321487546	Sum of GTIs [s]
			l1events	1499223	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	231332	235976	227195	232629	255763	316328	grade 0 events	103082	104192	102114	104519	111325	63894
rejected events	46729	47734	47727	49544	52851	53955		44%	44%	44%	44%	43%	20%
rejected %	20%	20%	21%	21%	20%	17%	grade 1 events	564	494	652	641	554	212
								0%	0%	0%	0%	0%	0%
							grade 2 events	32509	34315	30096	31153	35320	58117
								14%	14%	13%	13%	13%	18%
							grade 3 events	12012	12084	11912	12012	12702	26391
								5%	5%	5%	5%	4%	8%
							grade 4 events	12033	11984	11651	12156	12675	26096
								5%	5%	5%	5%	4%	8%
							grade 5 events	2886	2949	2666	3070	3249	8913
								1%	1%	1%	1%	1%	2%
							grade 6 events	27169	28044	25648	25387	33363	91150
								11%	11%	11%	10%	13%	28%
							grade 7 events	41077	41914	42456	43691	46575	41555
								17%	17%	18%	18%	18%	13%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	327.9790437934885	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-17.98005518735093	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	100.8589136597067			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	206559321.444416	206559320.41942			
Observation start date	2004-07-18T17:35:21	2004-07-18T17:35:20			
[s] Observation end time (MET)	206581486.045401	206581485.02041			
Observation end date	2004-07-18T23:44:46	2004-07-18T23:44:45			
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)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1809321487546

A.2 Comments