

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59151 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 24 2012

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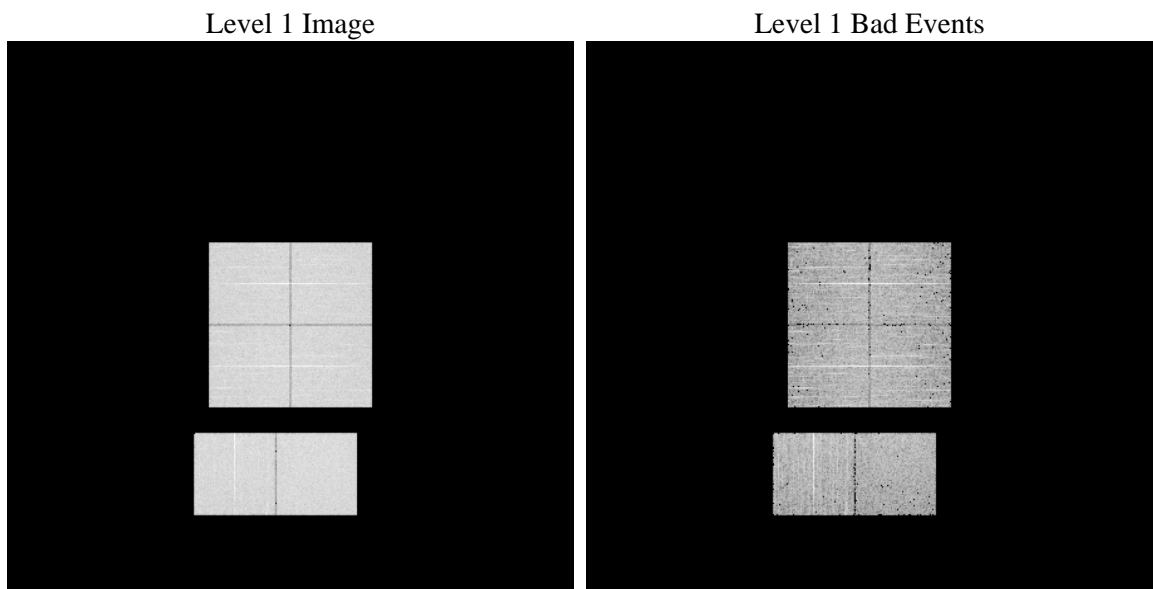
1 Front

seq_num	 	Sequence number
obs_id	59151	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	136.46503692339	Nominal RA [deg]
dec_nom	36.993736038487	Nominal Dec [deg]
roll_nom	159.76937154587	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4478.5595273077	Sum of GTIs [s]
livetime	4421.8493099082	Livetime [s]
ontime0	4478.5184873044	Sum of GTIs [s]
ontime1	4478.4774473011	Sum of GTIs [s]
ontime2	4478.4364072978	Sum of GTIs [s]
ontime3	4478.600567311	Sum of GTIs [s]
ontime6	4478.3953673244	Sum of GTIs [s]
ontime7	4478.5595273077	Sum of GTIs [s]
l2events	565902	Number of level 2 events

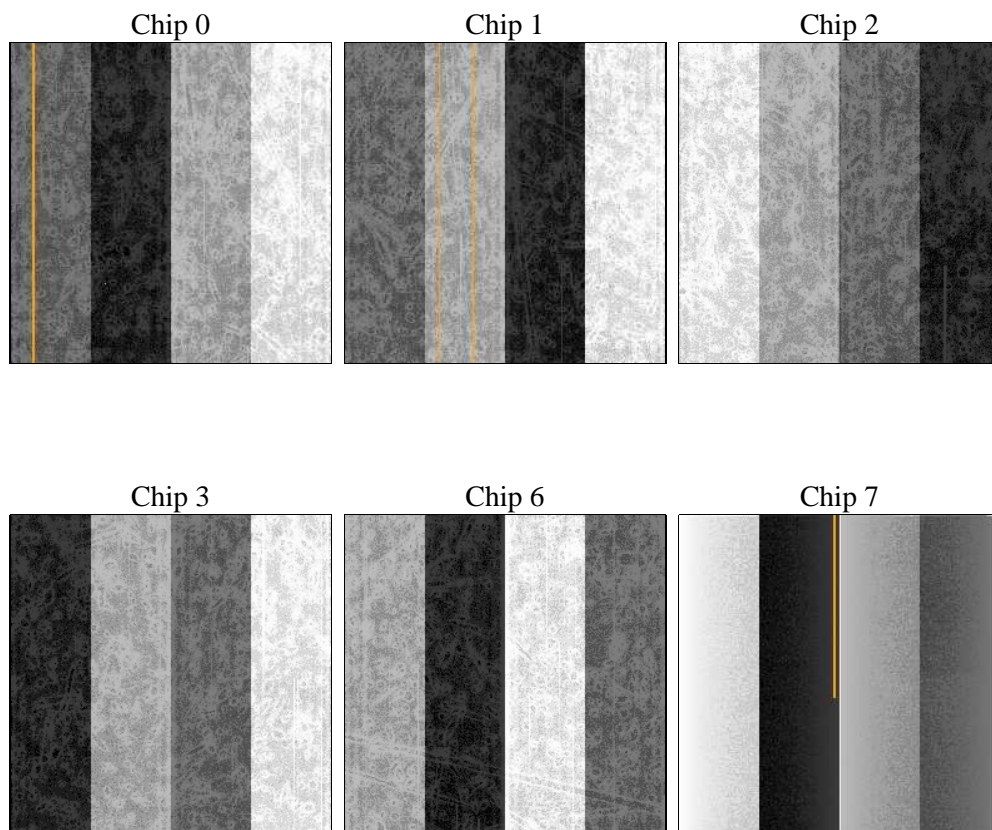
2 OBI

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	8.4.3	Processing system revision	ontime	4478.5595273077	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4478.5184873044	Sum of GTIs [s]
date	2012-03-24T08:32:06	Date and time of file creation	ontime1	4478.4774473011	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4478.4364072978	Sum of GTIs [s]
			ontime3	4478.600567311	Sum of GTIs [s]
			ontime6	4478.3953673244	Sum of GTIs [s]
			ontime7	4478.5595273077	Sum of GTIs [s]
			l1events	801174	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	129078	129885	132422	131292	137194	141303	grade 0 events	52143	51592	53649	53654	53554	25901
rejected events	33303	33986	35959	35031	37090	30036		40%	39%	40%	40%	39%	18%
rejected %	25%	26%	27%	26%	27%	21%	grade 1 events	327	300	372	398	308	87
								0%	0%	0%	0%	0%	0%
							grade 2 events	16714	17294	16222	16368	17484	24433
								12%	13%	12%	12%	12%	17%
							grade 3 events	6177	6158	6232	6256	6262	10968
								4%	4%	4%	4%	4%	7%
							grade 4 events	6217	6286	6315	6329	6345	10750
								4%	4%	4%	4%	4%	7%
							grade 5 events	1951	2095	1839	2083	2292	5275
								1%	1%	1%	1%	1%	3%
							grade 6 events	14524	14569	14045	13654	16459	39215
								11%	11%	10%	10%	11%	27%
							grade 7 events	31025	31591	33748	32550	34490	24674
								24%	24%	25%	24%	25%	17%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	136.4650369233908
[deg] Pointing Dec	0	36.99373603848692
[deg] Pointing Roll	0.0	159.769371545873
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	254728528.283545	254728527.25855
Observation start date	2006-01-27T05:55:28	2006-01-27T05:55:27
[s] Observation end time (MET)	254742966.434214	254742965.40922
Observation end date	2006-01-27T09:56:06	2006-01-27T09:56:05
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.4785595273077

A.2 Comments