

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60828 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 23 2012

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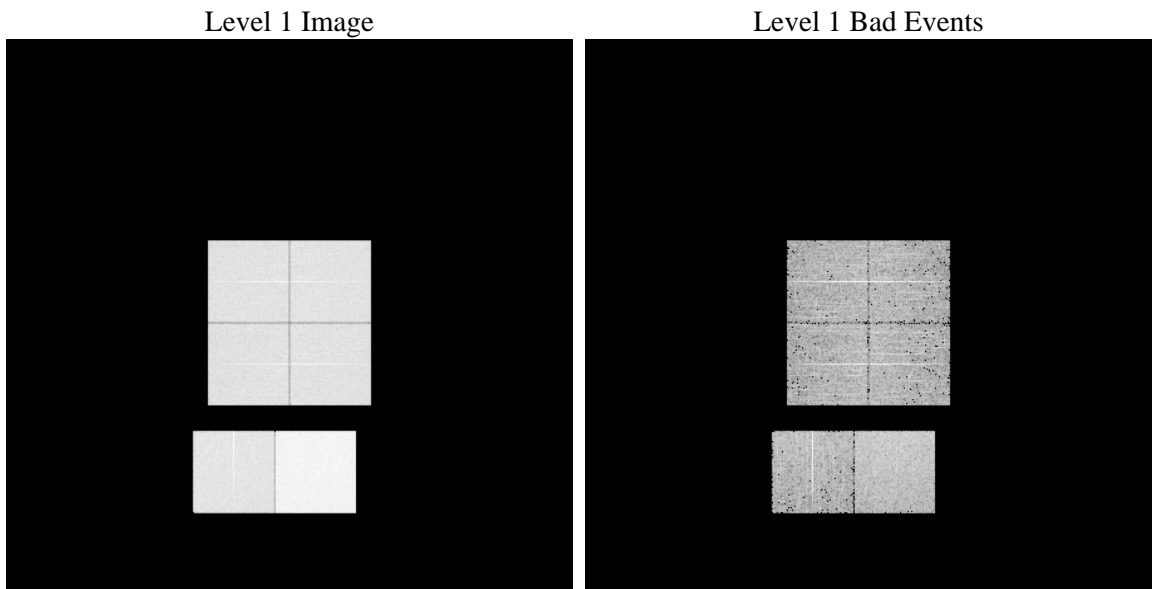
1 Front

seq_num	 	Sequence number
obs_id	60828	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	144.0349697925	Nominal RA [deg]
dec_nom	-35.995764263676	Nominal Dec [deg]
roll_nom	335.62033773144	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime0	4265.7814579606	Sum of GTIs [s]
ontime1	4364.5355632603	Sum of GTIs [s]
ontime2	4081.0443198681	Sum of GTIs [s]
ontime3	4155.5869945586	Sum of GTIs [s]
ontime6	4466.7226600945	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
l2events	1184488	Number of level 2 events

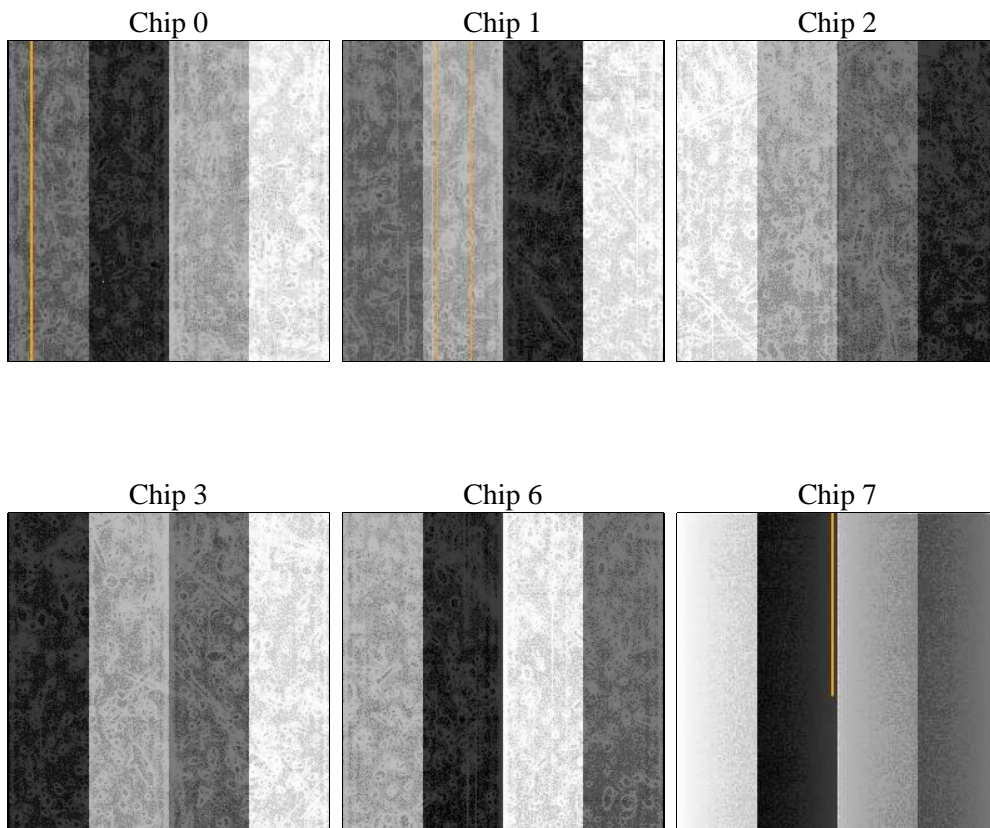
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4265.7814579606	Sum of GTIs [s]
date	2012-10-23T19:29:05	Date and time of file creation	ontime1	4364.5355632603	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4081.0443198681	Sum of GTIs [s]
			ontime3	4155.5869945586	Sum of GTIs [s]
			ontime6	4466.7226600945	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			l1events	1426518	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	205022	208985	199604	203560	225996	383351	grade 0 events	97683	99442	96409	98210	106375	85871
rejected events	28653	28228	28931	29228	31588	41776		47%	47%	48%	48%	47%	22%
rejected %	13%	13%	14%	14%	13%	10%	grade 1 events	591	480	555	540	477	237
								0%	0%	0%	0%	0%	0%
							grade 2 events	30811	31999	29020	29924	33712	75850
								15%	15%	14%	14%	14%	19%
							grade 3 events	11244	11509	11011	11226	12039	34604
								5%	5%	5%	5%	5%	9%
							grade 4 events	11406	11563	10951	11500	11865	34080
								5%	5%	5%	5%	5%	8%
							grade 5 events	2001	1986	1899	2030	2264	8019
								0%	0%	0%	0%	1%	2%
							grade 6 events	25225	26244	23282	23472	30417	111170
								12%	12%	11%	11%	13%	28%
							grade 7 events	26061	25762	26477	26658	28847	33520
								12%	12%	13%	13%	12%	8%

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	144.0349697924963
[deg] Pointing Dec	0	-35.99576426367604
[deg] Pointing Roll	0.0	335.6203377314432
[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)	162886703.806718	162886702.78199
Observation start date	2003-03-01T06:18:24	2003-03-01T06:18:22
[s] Observation end time (MET)	162924575.508312	162924574.48358
Observation end date	2003-03-01T16:49:36	2003-03-01T16:49:34
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	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments