

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58706 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 13 2012

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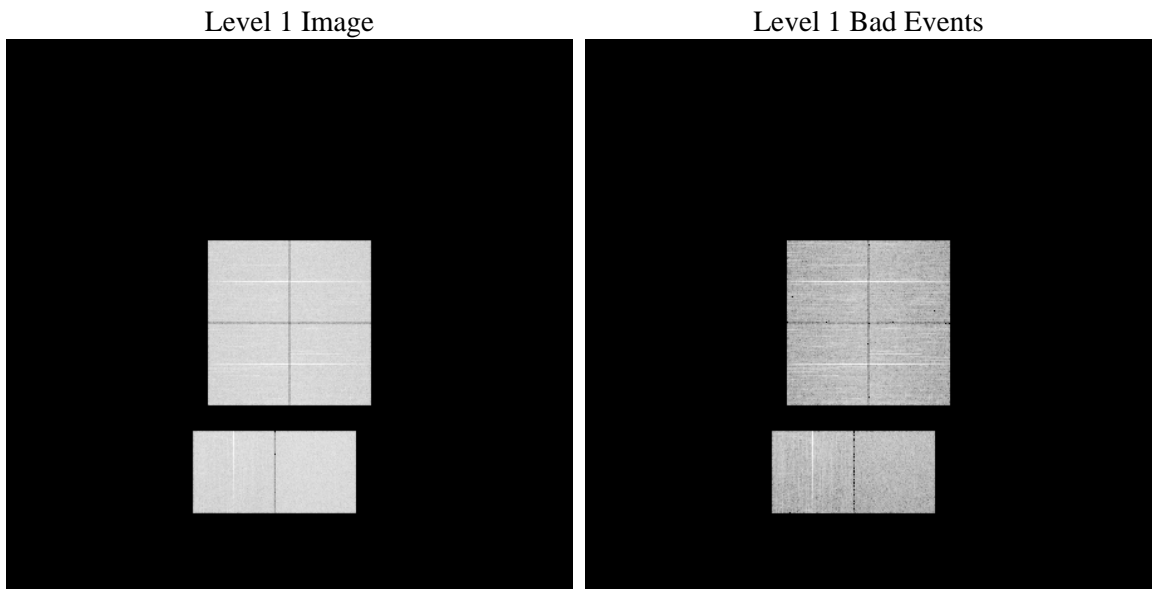
1 Front

seq_num	 	Sequence number
obs_id	58706	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	271.99973105793	Nominal RA [deg]
dec_nom	-61.028616695878	Nominal Dec [deg]
roll_nom	236.86095703247	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8188.4711023569	Sum of GTIs [s]
livetime	8084.7837507535	Livetime [s]
ontime0	8188.4300623536	Sum of GTIs [s]
ontime1	8185.1481916308	Sum of GTIs [s]
ontime2	8188.347982347	Sum of GTIs [s]
ontime3	8188.5121423602	Sum of GTIs [s]
ontime6	8188.3069423437	Sum of GTIs [s]
ontime7	8188.4711023569	Sum of GTIs [s]
l2events	820541	Number of level 2 events

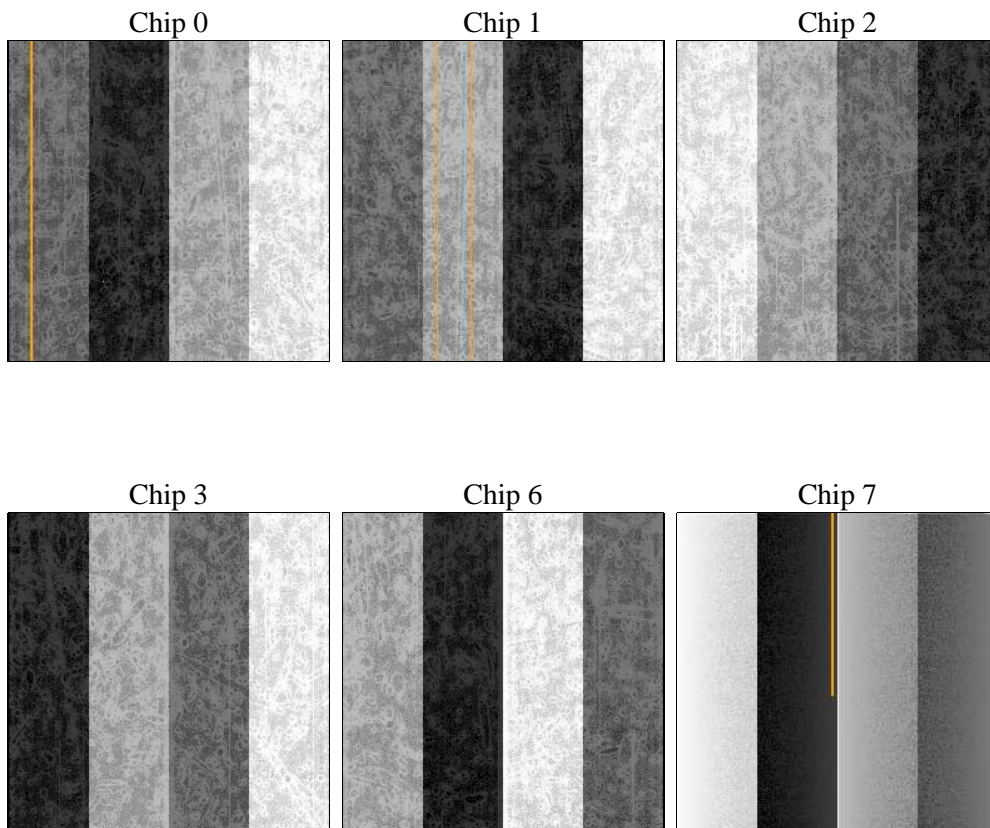
2 OBI

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	8.4.3.1	Processing system revision	ontime	8188.4711023569	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8188.4300623536	Sum of GTIs [s]
date	2012-04-13T15:26:22	Date and time of file creation	ontime1	8185.1481916308	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8188.347982347	Sum of GTIs [s]
			ontime3	8188.5121423602	Sum of GTIs [s]
			ontime6	8188.3069423437	Sum of GTIs [s]
			ontime7	8188.4711023569	Sum of GTIs [s]
			l1events	1270901	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	204267	202731	210716	209228	214155	229804	grade 0 events	75362	75252	77610	77784	77915	37108
rejected events	67385	64718	72438	70368	70481	60897		36%	37%	36%	37%	36%	16%
rejected %	32%	31%	34%	33%	32%	26%	grade 1 events	540	411	534	557	423	175
								0%	0%	0%	0%	0%	0%
							grade 2 events	24446	24988	23748	24031	25138	37179
								11%	12%	11%	11%	11%	16%
							grade 3 events	8994	9201	9354	9241	9139	16738
								4%	4%	4%	4%	4%	7%
							grade 4 events	9084	8925	9292	9331	9103	16436
								4%	4%	4%	4%	4%	7%
							grade 5 events	3576	3832	3438	4174	4116	10160
								1%	1%	1%	1%	1%	4%
							grade 6 events	20453	21132	19842	19922	24004	63233
								10%	10%	9%	9%	11%	27%
							grade 7 events	61812	58990	66898	64188	64317	48775
								30%	29%	31%	30%	30%	21%

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	271.9997310579328
[deg] Pointing Dec	0	-61.02861669587829
[deg] Pointing Roll	0.0	236.8609570324662
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	279671398.100586	279671397.07557
Observation start date	2006-11-11T22:29:58	2006-11-11T22:29:57
[s] Observation end time (MET)	279693870.201648	279693869.17663
Observation end date	2006-11-12T04:44:30	2006-11-12T04:44:29
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1884711023569

A.2 Comments