

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58857 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 6 2012

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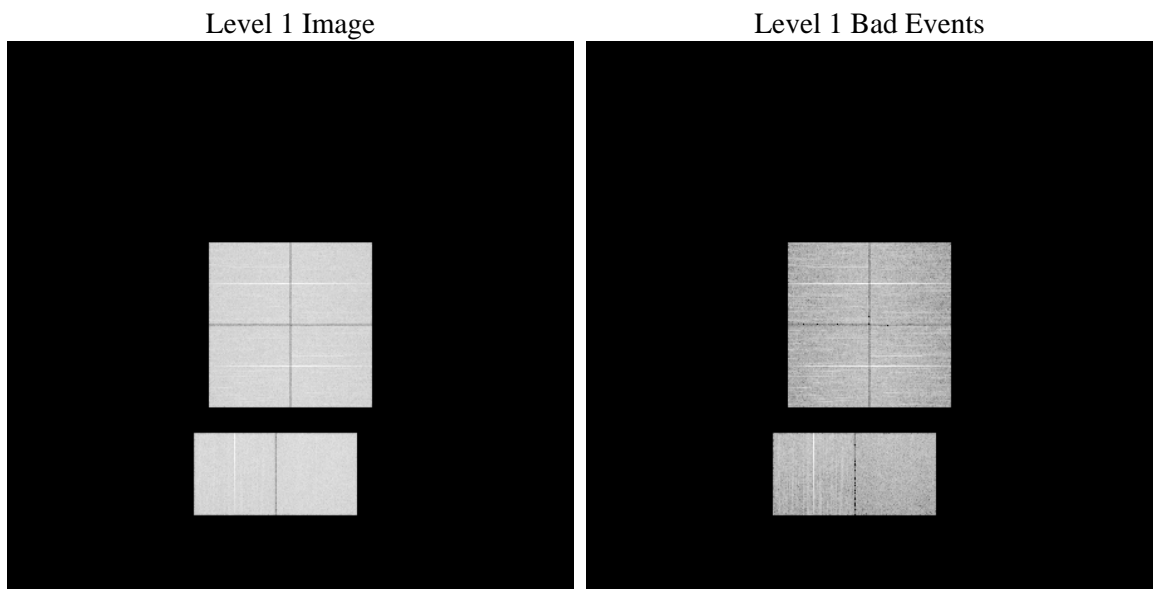
1 Front

seq_num	 	Sequence number
obs_id	58857	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	210.02125764866	Nominal RA [deg]
dec_nom	59.97331380603	Nominal Dec [deg]
roll_nom	267.36210649506	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.794159174	Sum of GTIs [s]
livetime	8164.0897086604	Livetime [s]
ontime0	8268.7531191707	Sum of GTIs [s]
ontime1	8268.7120791674	Sum of GTIs [s]
ontime2	8268.6710391641	Sum of GTIs [s]
ontime3	8268.7999692559	Sum of GTIs [s]
ontime6	8268.6299991608	Sum of GTIs [s]
ontime7	8268.794159174	Sum of GTIs [s]
l2events	913159	Number of level 2 events

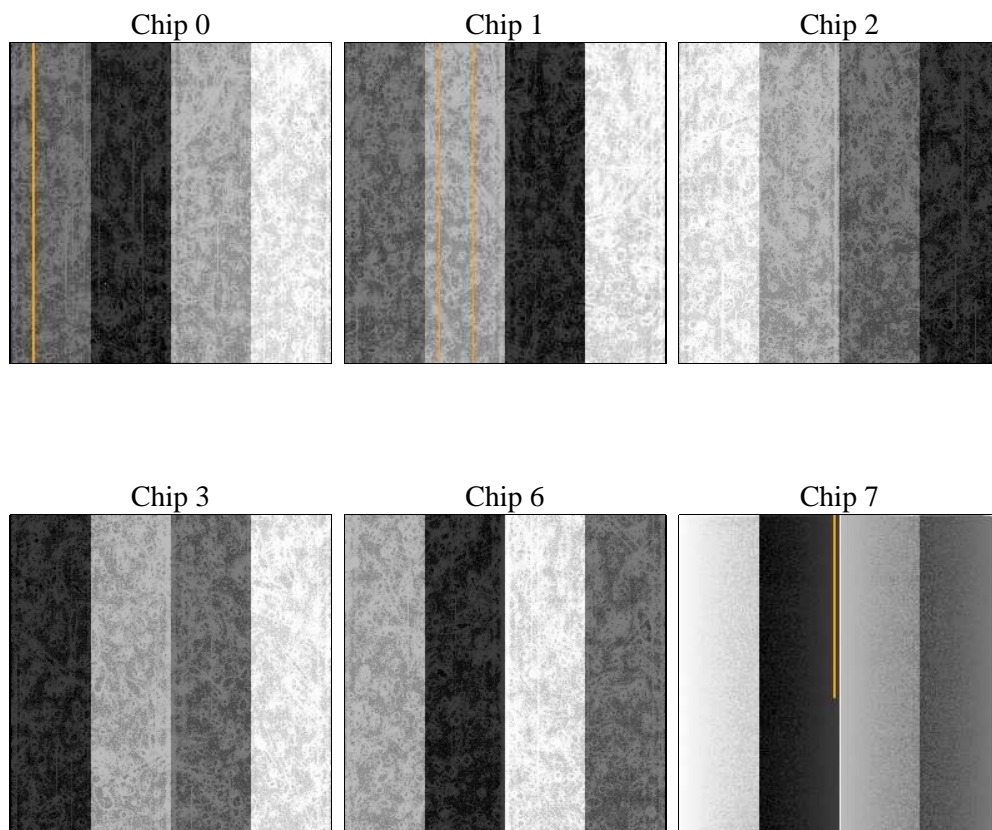
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	8268.794159174	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8268.7531191707	Sum of GTIs [s]
date	2012-04-06T05:51:04	Date and time of file creation	ontime1	8268.7120791674	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8268.6710391641	Sum of GTIs [s]
			ontime3	8268.7999692559	Sum of GTIs [s]
			ontime6	8268.6299991608	Sum of GTIs [s]
			ontime7	8268.794159174	Sum of GTIs [s]
			l1events	1380584	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	224365	219935	225803	230030	235342	245109	grade 0 events	83113	82331	86066	86651	85404	40457
rejected events	71180	65539	71819	74451	74842	60832		37%	37%	38%	37%	36%	16%
rejected %	31%	29%	31%	32%	31%	24%	grade 1 events	582	447	628	645	472	165
								0%	0%	0%	0%	0%	0%
							grade 2 events	26861	28675	25305	25924	28356	40426
								11%	13%	11%	11%	12%	16%
							grade 3 events	10057	9772	10204	10369	9782	17376
								4%	4%	4%	4%	4%	7%
							grade 4 events	10057	9776	9973	10395	9930	17312
								4%	4%	4%	4%	4%	7%
							grade 5 events	3666	3903	3609	4045	4108	9943
								1%	1%	1%	1%	1%	4%
							grade 6 events	23146	23903	22502	22294	27075	68780
								10%	10%	9%	9%	11%	28%
							grade 7 events	66883	61128	67516	69707	70215	50650
								29%	27%	29%	30%	29%	20%

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	210.0212576486629
[deg] Pointing Dec	0	59.97331380603032
[deg] Pointing Roll	0.0	267.3621064950599
[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)	270532786.720555	270532785.69556
Observation start date	2006-07-29T03:59:47	2006-07-29T03:59:45
[s] Observation end time (MET)	270555945.571641	270555944.54664
Observation end date	2006-07-29T10:25:46	2006-07-29T10:25:44
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)	2012.04.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.268794159174

A.2 Comments