

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59512 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 27 2012

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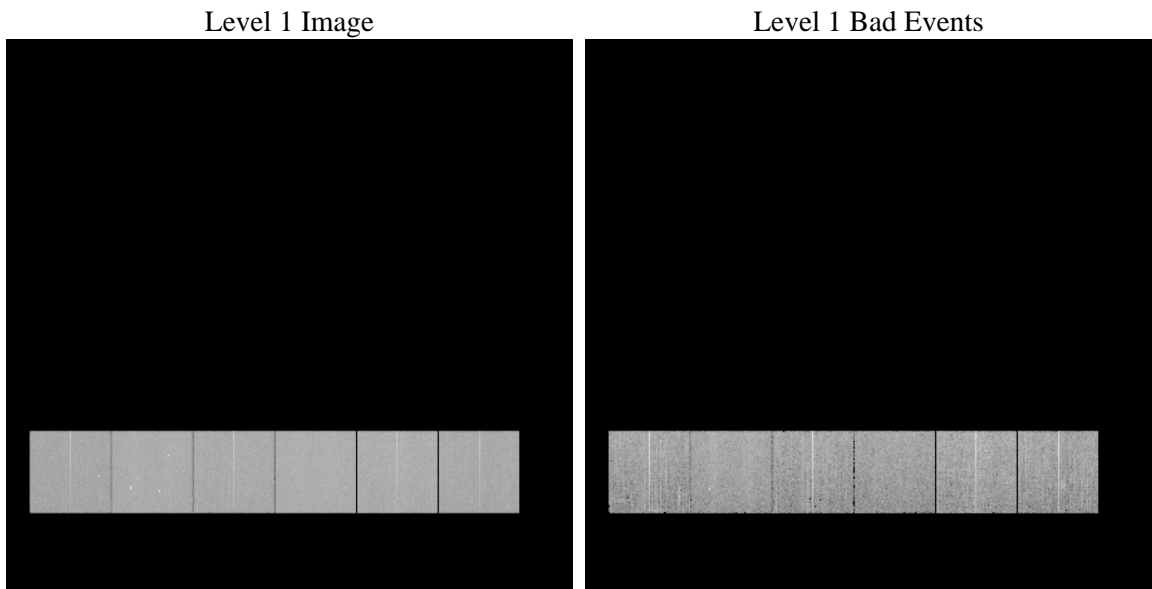
1 Front

seq_num	 	Sequence number
obs_id	59512	Observation id
title	ACIS-456789 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	359.9761660745	Nominal RA [deg]
dec_nom	0.015841557917638	Nominal Dec [deg]
roll_nom	113.52239732064	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8275.0512684882	Sum of GTIs [s]
livetime	8170.2675866889	Livetime [s]
ontime4	6891.0306215584	Sum of GTIs [s]
ontime5	8275.0102284849	Sum of GTIs [s]
ontime6	7503.6165373623	Sum of GTIs [s]
ontime7	8275.0512684882	Sum of GTIs [s]
ontime8	7834.1140785217	Sum of GTIs [s]
ontime9	7276.8706000447	Sum of GTIs [s]
l2events	1075954	Number of level 2 events

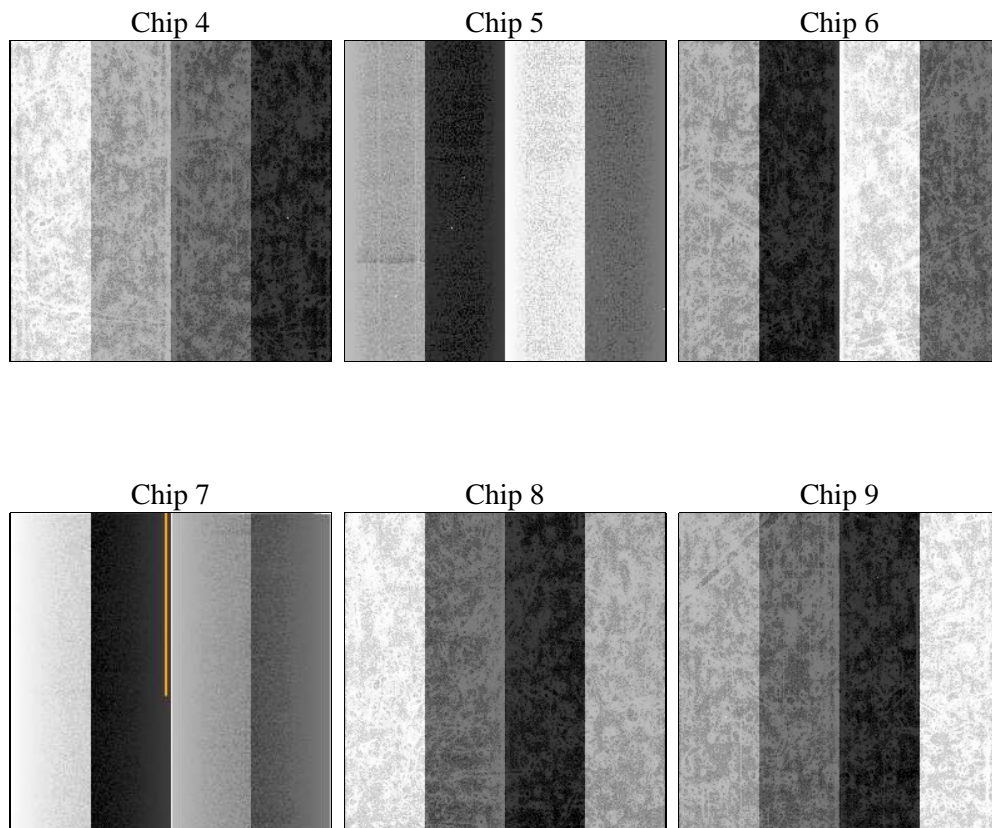
2 OBI

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	8.5.1.1	Processing system revision	ontime	8275.0512684882	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6891.0306215584	Sum of GTIs [s]
date	2012-12-27T07:15:28	Date and time of file creation	ontime5	8275.0102284849	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7503.6165373623	Sum of GTIs [s]
			ontime7	8275.0512684882	Sum of GTIs [s]
			ontime8	7834.1140785217	Sum of GTIs [s]
			ontime9	7276.8706000447	Sum of GTIs [s]
			l1events	1487019	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	217008	258006	242705	270626	266758	231916	grade 0 events	94883	35490	98838	51230	109839	96757
rejected events	56510	59533	56157	50699	63183	55917		43%	13%	40%	18%	41%	41%
rejected %	26%	23%	23%	18%	23%	24%	grade 1 events	772	190	476	152	577	571
								0%	0%	0%	0%	0%	0%
							grade 2 events	23316	78769	33931	48641	35517	29346
								10%	30%	13%	17%	13%	12%
							grade 3 events	10771	9084	11291	21002	13228	11246
								4%	3%	4%	7%	4%	4%
							grade 4 events	10648	9027	11203	20812	13253	11110
								4%	3%	4%	7%	4%	4%
							grade 5 events	3039	8202	3413	8366	4214	3578
								1%	3%	1%	3%	1%	1%
							grade 6 events	20945	66171	31369	78306	31818	27608
								9%	25%	12%	28%	11%	11%
							grade 7 events	52634	51073	52184	42117	58312	51700
								24%	19%	21%	15%	21%	22%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	359.9761660745037
[deg] Pointing Dec	0	0.01584155791763783
[deg] Pointing Roll	0.0	113.5223973206397
[mm] SIM focus pos	-0.684267	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	239903624.599856	239903623.57486
Observation start date	2005-08-08T15:53:45	2005-08-08T15:53:43
[s] Observation end time (MET)	239940953.051566	239940952.02657
Observation end date	2005-08-09T02:15:53	2005-08-09T02:15:52
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)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2750512684882

A.2 Comments