

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60480 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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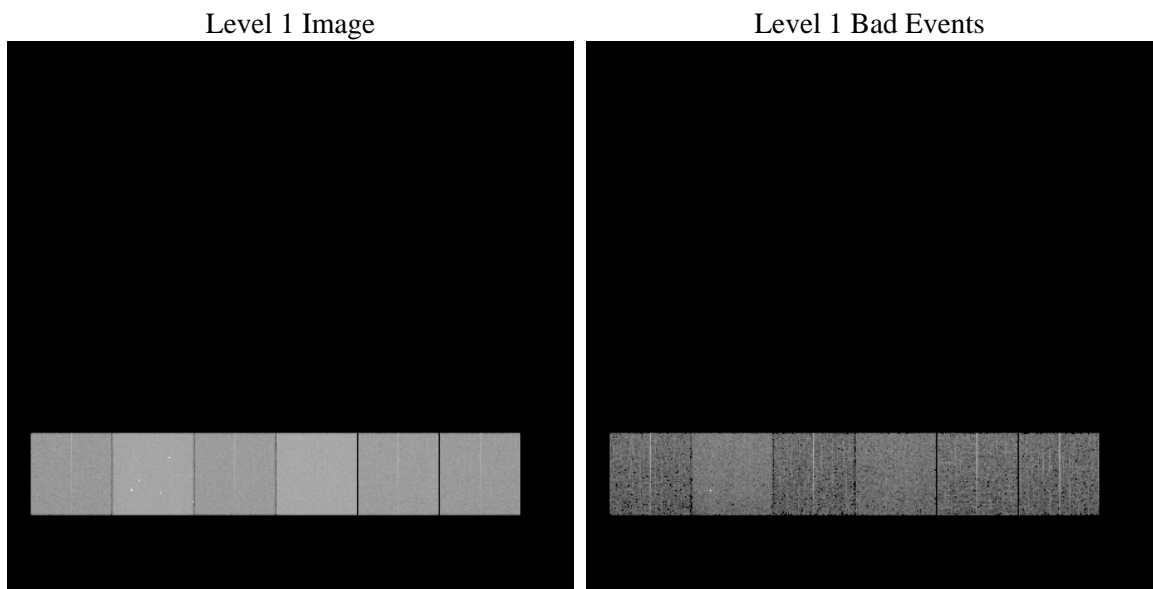
1 Front

seq_num	 	Sequence number
obs_id	60480	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	333.76390879973	Nominal RA [deg]
dec_nom	-14.016764243776	Nominal Dec [deg]
roll_nom	291.28508233532	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7804.7999709249	Sum of GTIs [s]
livetime	7705.9708942067	Livetime [s]
ontime4	4601.8977924585	Sum of GTIs [s]
ontime5	7804.7999709249	Sum of GTIs [s]
ontime6	4877.3398228586	Sum of GTIs [s]
ontime7	7804.7999709249	Sum of GTIs [s]
ontime8	5023.2667598724	Sum of GTIs [s]
ontime9	4738.8411747217	Sum of GTIs [s]
l2events	1168458	Number of level 2 events

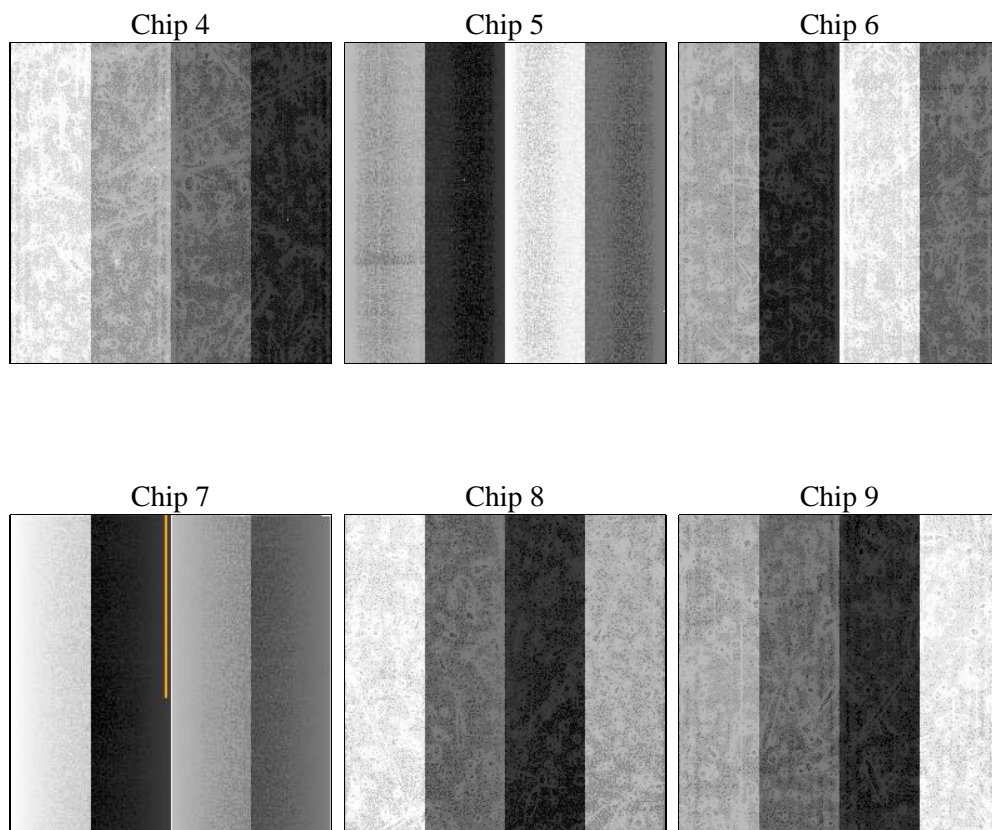
2 OBI

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	7804.7999709249	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	4601.8977924585	Sum of GTIs [s]
date	2012-11-08T07:06:28	Date and time of file creation	ontime5	7804.7999709249	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4877.3398228586	Sum of GTIs [s]
			ontime7	7804.7999709249	Sum of GTIs [s]
			ontime8	5023.2667598724	Sum of GTIs [s]
			ontime9	4738.8411747217	Sum of GTIs [s]
			l1events	1418512	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	183835	298622	206366	319351	215858	194480	grade 0 events	92016	61300	98398	71409	102254	92888
rejected events	25891	43582	26135	33787	29425	26733		50%	20%	47%	22%	47%	47%
rejected %	14%	14%	12%	10%	13%	13%	grade 1 events	518	246	392	202	418	431
								0%	0%	0%	0%	0%	0%
							grade 2 events	24934	91801	31118	63217	32344	28740
								13%	30%	15%	19%	14%	14%
							grade 3 events	10542	15884	11273	28588	11956	10614
								5%	5%	5%	8%	5%	5%
							grade 4 events	10302	15713	10986	28596	12152	10701
								5%	5%	5%	8%	5%	5%
							grade 5 events	1837	7611	2011	6433	2284	2025
								0%	2%	0%	2%	1%	1%
							grade 6 events	20150	70437	28456	93861	27727	24925
								10%	23%	13%	29%	12%	12%
							grade 7 events	23536	35630	23732	27045	26723	24156
								12%	11%	11%	8%	12%	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	333.7639087997342	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-14.01676424377574	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	291.2850823353203			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	185505763.120411	185505762.09567			
Observation start date	2003-11-18T01:22:43	2003-11-18T01:22:42			
[s] Observation end time (MET)	185540188.771906	185540187.74716			
Observation end date	2003-11-18T10:56:29	2003-11-18T10:56:27			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8047999709249

A.2 Comments