

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60460 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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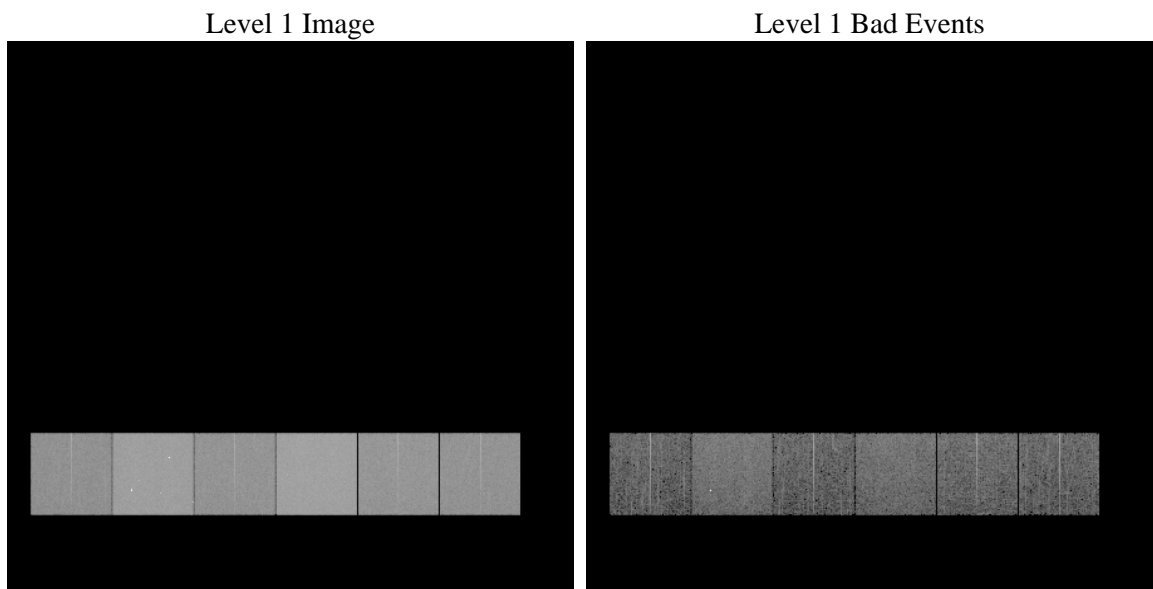
1 Front

seq_num	 	Sequence number
obs_id	60460	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	24.012012351107	Nominal RA [deg]
dec_nom	49.972442160075	Nominal Dec [deg]
roll_nom	252.76986154234	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8419.199968636	Sum of GTIs [s]
livetime	8312.5909891996	Livetime [s]
ontime4	4834.6764958203	Sum of GTIs [s]
ontime5	8419.199968636	Sum of GTIs [s]
ontime6	5181.6047465503	Sum of GTIs [s]
ontime7	8419.199968636	Sum of GTIs [s]
ontime8	5447.4475346506	Sum of GTIs [s]
ontime9	5123.1437131763	Sum of GTIs [s]
l2events	1230923	Number of level 2 events

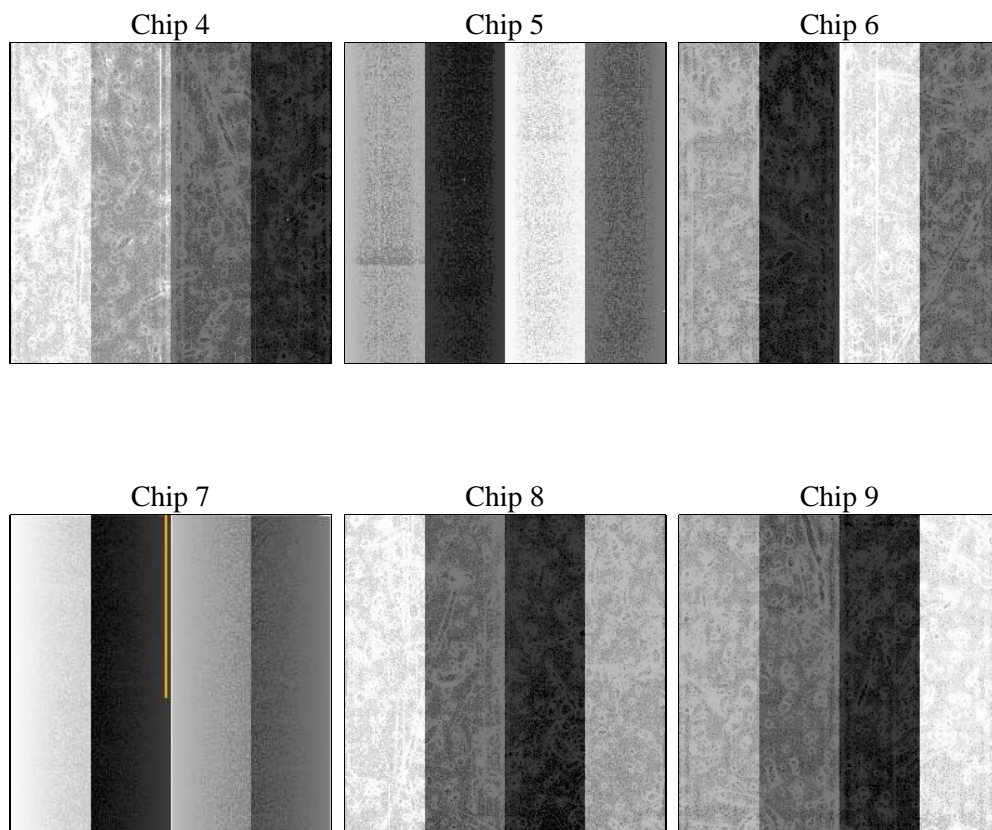
2 OBI

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	8.4.5	Processing system revision	ontime	8419.199968636	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4834.6764958203	Sum of GTIs [s]
date	2012-11-08T14:40:13	Date and time of file creation	ontime5	8419.199968636	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5181.6047465503	Sum of GTIs [s]
			ontime7	8419.199968636	Sum of GTIs [s]
			ontime8	5447.4475346506	Sum of GTIs [s]
			ontime9	5123.1437131763	Sum of GTIs [s]
			l1events	1534610	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	194682	324610	219024	349789	235478	211027	grade 0 events	93662	62903	102129	76585	109356	98374
rejected events	33538	54531	32761	44079	38087	33868		48%	19%	46%	21%	46%	46%
rejected %	17%	16%	14%	12%	16%	16%	grade 1 events	615	219	445	214	523	515
								0%	0%	0%	0%	0%	0%
							grade 2 events	25850	98296	32128	67914	34523	30725
								13%	30%	14%	19%	14%	14%
							grade 3 events	10768	16311	11823	30953	12611	11341
								5%	5%	5%	8%	5%	5%
							grade 4 events	10727	16039	11717	30504	12716	11295
								5%	4%	5%	8%	5%	5%
							grade 5 events	2129	8937	2344	8010	2783	2407
								1%	2%	1%	2%	1%	1%
							grade 6 events	20987	77981	29517	101374	29279	26416
								10%	24%	13%	28%	12%	12%
							grade 7 events	29944	43924	28921	34235	33687	29954
								15%	13%	13%	9%	14%	14%

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	24.01201235110692
[deg] Pointing Dec	0	49.97244216007508
[deg] Pointing Roll	0.0	252.7698615423356
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	187140648.441255	187140647.41653
Observation start date	2003-12-06T23:30:48	2003-12-06T23:30:47
[s] Observation end time (MET)	187163327.592238	187163326.56752
Observation end date	2003-12-07T05:48:48	2003-12-07T05:48:46
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)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.419199968636

A.2 Comments