

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58480 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 21 2012

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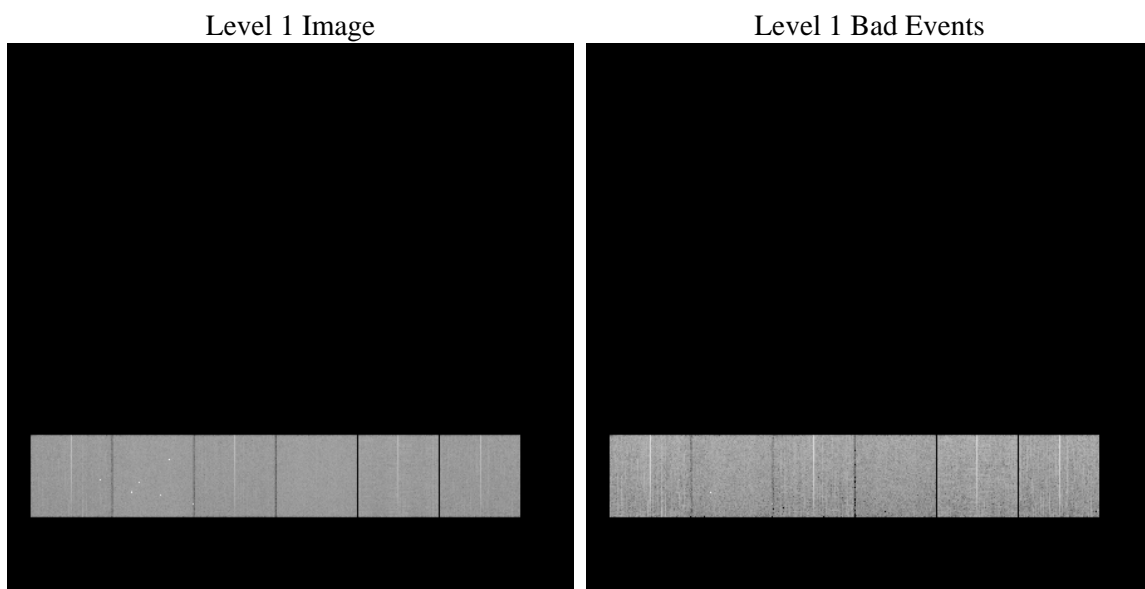
1 Front

seq_num	 	Sequence number
obs_id	58480	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	164.03112665358	Nominal RA [deg]
dec_nom	-23.896046667308	Nominal Dec [deg]
roll_nom	335.01071017222	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	785139	Number of level 2 events

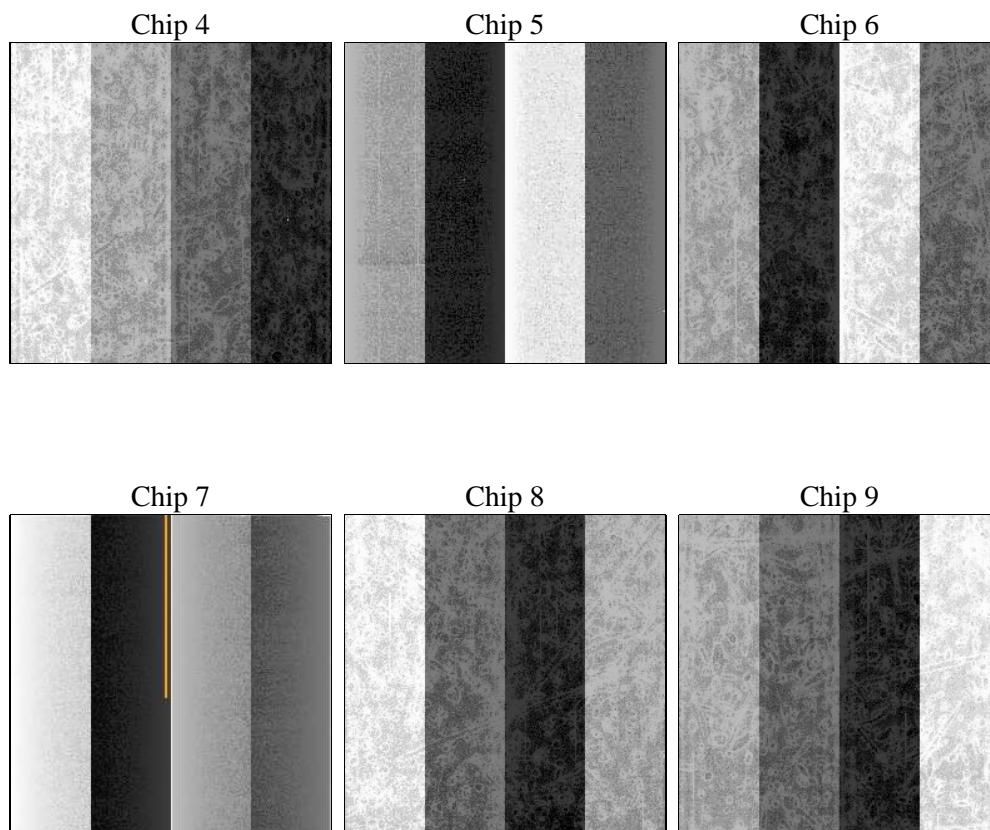
2 OBI

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	8.4.4	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-04-21T17:55:01	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1282832	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	203865	223862	206180	223141	223158	202626	grade 0 events	72442	30115	71361	34344	75627	70142
rejected events	78232	68020	72572	62256	77865	73693		35%	13%	34%	15%	33%	34%
rejected %	38%	30%	35%	27%	34%	36%	grade 1 events	642	276	455	158	514	514
								0%	0%	0%	0%	0%	0%
							grade 2 events	20027	55046	23530	35104	26256	22225
								9%	24%	11%	15%	11%	10%
							grade 3 events	8537	8270	8367	15647	10216	8457
								4%	3%	4%	7%	4%	4%
							grade 4 events	8444	7859	8474	15633	9890	8277
								4%	3%	4%	7%	4%	4%
							grade 5 events	4040	9821	4306	10401	5364	4645
								1%	4%	2%	4%	2%	2%
							grade 6 events	16183	54552	21876	60157	23304	19832
								7%	24%	10%	26%	10%	9%
							grade 7 events	73550	57923	67811	51697	71987	68534
								36%	25%	32%	23%	32%	33%

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	164.0311266535758
[deg] Pointing Dec	0	-23.89604666730818
[deg] Pointing Roll	0.0	335.0107101722219
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	290407689.359408	290407688.3344
Observation start date	2007-03-16T04:48:09	2007-03-16T04:48:08
[s] Observation end time (MET)	290431651.810549	290431650.78554
Observation end date	2007-03-16T11:27:32	2007-03-16T11:27:30
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)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments