

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58561 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 19 2012

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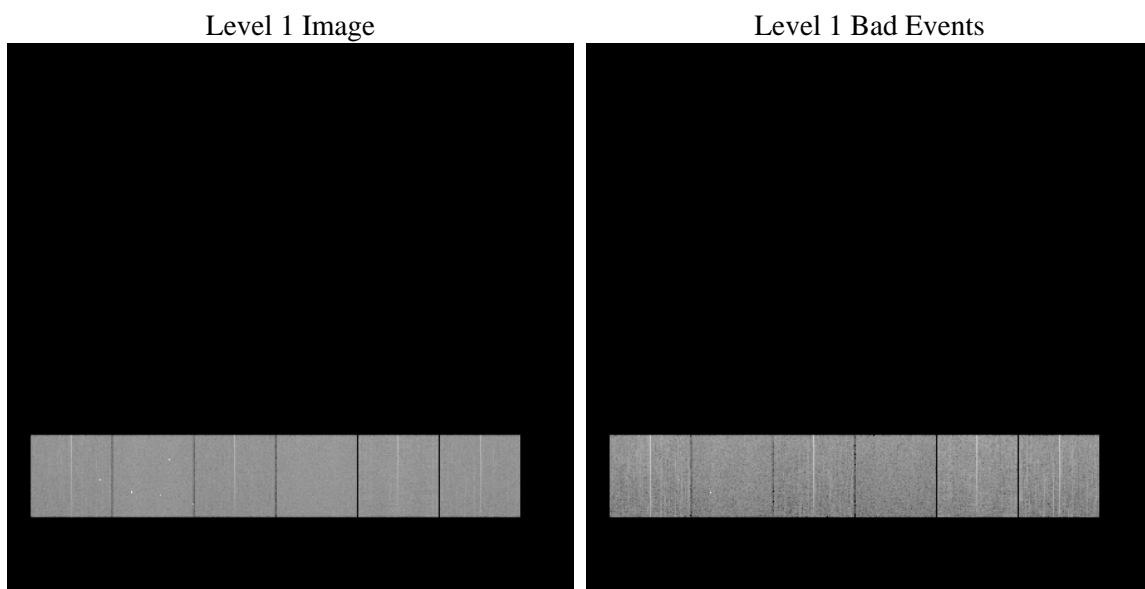
1 Front

seq_num	 	Sequence number
obs_id	58561	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	110.0288087452	Nominal RA [deg]
dec_nom	-7.9967145400635	Nominal Dec [deg]
roll_nom	333.70325195532	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8175.9427910447	Sum of GTIs [s]
livetime	8072.4140804628	Livetime [s]
ontime4	8175.8196710348	Sum of GTIs [s]
ontime5	8175.9017510414	Sum of GTIs [s]
ontime6	8175.8607110381	Sum of GTIs [s]
ontime7	8175.9427910447	Sum of GTIs [s]
ontime8	8175.7786310315	Sum of GTIs [s]
ontime9	8175.983831048	Sum of GTIs [s]
l2events	806760	Number of level 2 events

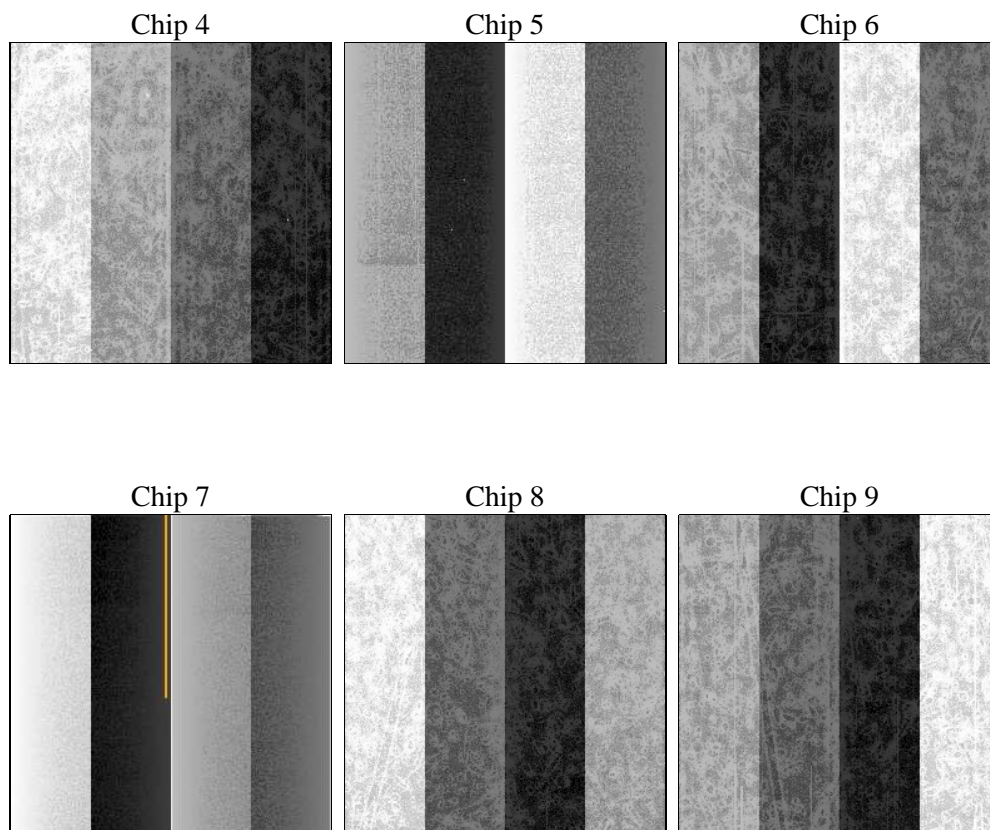
2 OBI

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	8175.9427910447	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8175.8196710348	Sum of GTIs [s]
date	2012-04-19T03:00:48	Date and time of file creation	ontime5	8175.9017510414	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8175.8607110381	Sum of GTIs [s]
			ontime7	8175.9427910447	Sum of GTIs [s]
			ontime8	8175.7786310315	Sum of GTIs [s]
			ontime9	8175.983831048	Sum of GTIs [s]
			l1events	1314926	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	209469	226382	207531	228255	232031	211258	grade 0 events	76196	30040	74380	36374	79082	72850
rejected events	79839	69986	70457	63540	83160	78521		36%	13%	35%	15%	34%	34%
rejected %	38%	30%	33%	27%	35%	37%	grade 1 events	646	243	411	177	508	507
								0%	0%	0%	0%	0%	0%
							grade 2 events	20691	56834	24125	36584	27050	23208
								9%	25%	11%	16%	11%	10%
							grade 3 events	8914	8193	8774	16196	10519	8828
								4%	3%	4%	7%	4%	4%
							grade 4 events	8646	8017	8821	15900	10247	8962
								4%	3%	4%	6%	4%	4%
							grade 5 events	4165	9902	4438	10479	5345	4769
								1%	4%	2%	4%	2%	2%
							grade 6 events	16753	55224	22627	61589	23730	20480
								7%	24%	10%	26%	10%	9%
							grade 7 events	73458	57929	63955	50956	75550	71654
								35%	25%	30%	22%	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	110.0288087451956
[deg] Pointing Dec	0	-7.996714540063515
[deg] Pointing Roll	0.0	333.7032519553177
[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)	285838932.042391	285838931.01738
Observation start date	2007-01-22T07:42:12	2007-01-22T07:42:11
[s] Observation end time (MET)	285862183.143494	285862182.11848
Observation end date	2007-01-22T14:09:43	2007-01-22T14:09:42
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)	2012.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1759427910447

A.2 Comments