

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58451 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 22 2012

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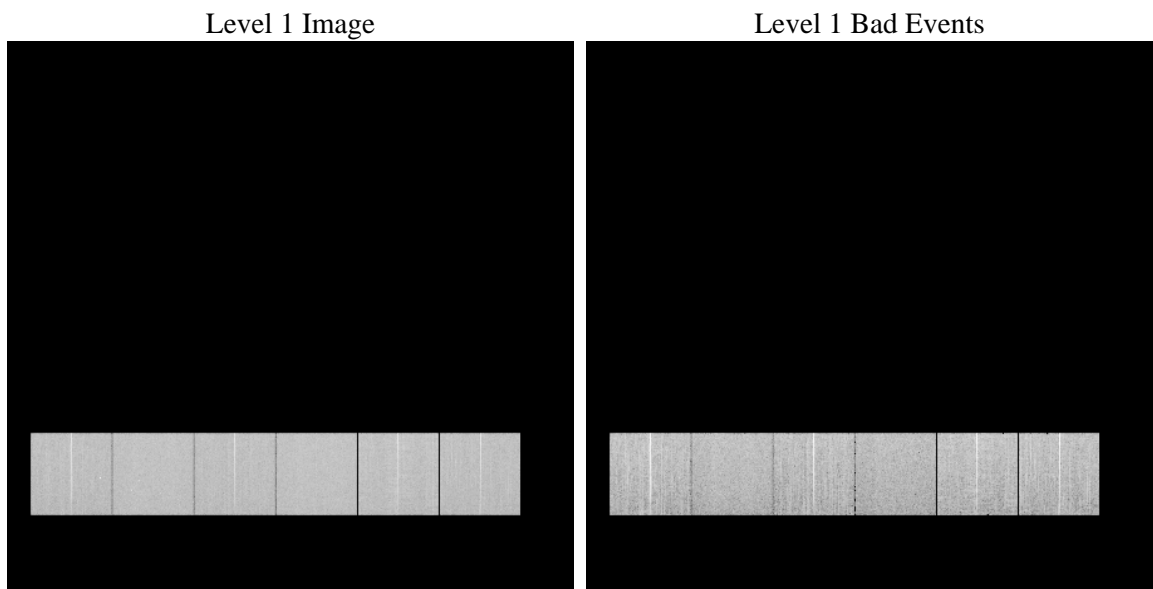
1 Front

seq_num	 	Sequence number
obs_id	58451	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	185.03317539748	Nominal RA [deg]
dec_nom	-32.98887463466	Nominal Dec [deg]
roll_nom	349.54470169303	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8214.2776554227	Sum of GTIs [s]
livetime	8110.2635257055	Livetime [s]
ontime4	8214.1545354128	Sum of GTIs [s]
ontime5	8214.2366154194	Sum of GTIs [s]
ontime6	8214.1955754161	Sum of GTIs [s]
ontime7	8214.2776554227	Sum of GTIs [s]
ontime8	8214.1134954095	Sum of GTIs [s]
ontime9	8211.0776952505	Sum of GTIs [s]
l2events	775343	Number of level 2 events

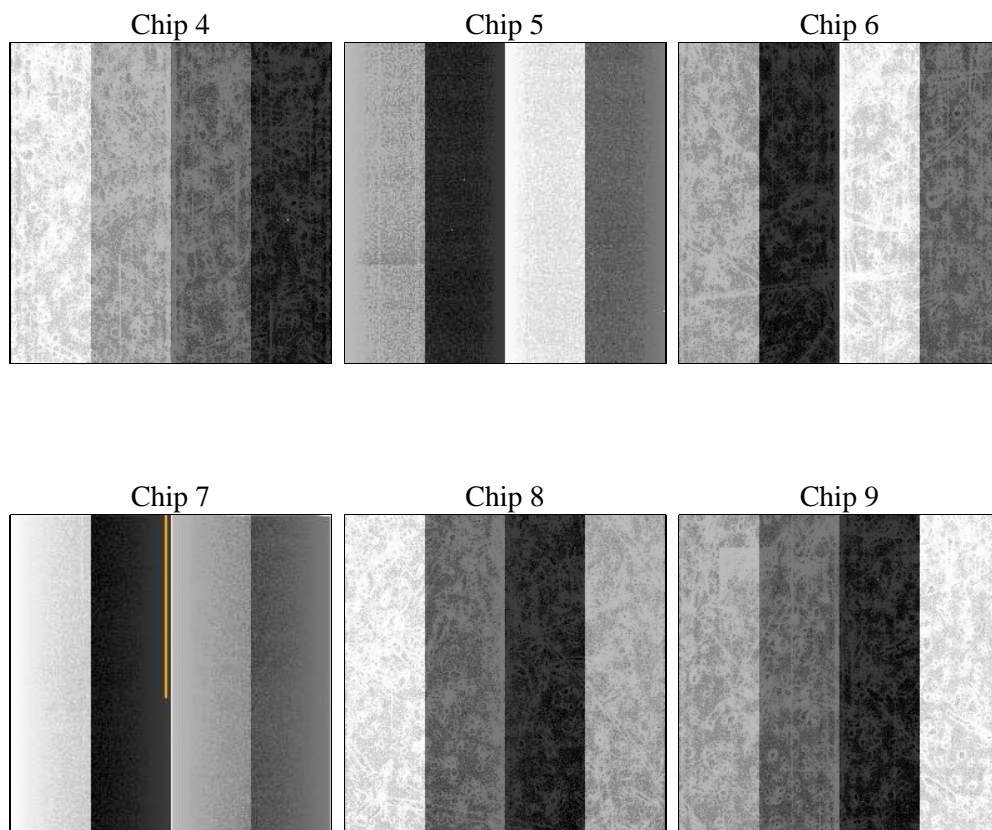
2 OBI

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	8214.2776554227	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8214.1545354128	Sum of GTIs [s]
date	2012-04-22T20:01:59	Date and time of file creation	ontime5	8214.2366154194	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8214.1955754161	Sum of GTIs [s]
			ontime7	8214.2776554227	Sum of GTIs [s]
			ontime8	8214.1134954095	Sum of GTIs [s]
			ontime9	8211.0776952505	Sum of GTIs [s]
			l1events	1278841	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	203803	218177	206208	222364	223149	205140	grade 0 events	70524	24802	70894	34312	75139	69753
rejected events	82273	69443	74832	63291	79853	78460		34%	11%	34%	15%	33%	34%
rejected %	40%	31%	36%	28%	35%	38%	grade 1 events	655	197	399	165	453	495
								0%	0%	0%	0%	0%	0%
							grade 2 events	19009	55406	22963	34852	25840	21994
								9%	25%	11%	15%	11%	10%
							grade 3 events	8539	7598	8569	15301	10036	8261
								4%	3%	4%	6%	4%	4%
							grade 4 events	8450	7544	8360	15404	10020	8293
								4%	3%	4%	6%	4%	4%
							grade 5 events	4088	9432	4272	10461	5258	4709
								2%	4%	2%	4%	2%	2%
							grade 6 events	15964	54546	21545	60397	23336	19286
								7%	25%	10%	27%	10%	9%
							grade 7 events	76574	58652	69206	51472	73067	72349
								37%	26%	33%	23%	32%	35%

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	185.0331753974811
[deg] Pointing Dec	0	-32.9888746346604
[deg] Pointing Roll	0.0	349.5447016930302
[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)	291789979.82519	291789978.80019
Observation start date	2007-04-01T04:46:20	2007-04-01T04:46:18
[s] Observation end time (MET)	291801244.575726	291801243.55073
Observation end date	2007-04-01T07:54:05	2007-04-01T07:54:03
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)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2142776554227

A.2 Comments