

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 61558 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jan 3 2013

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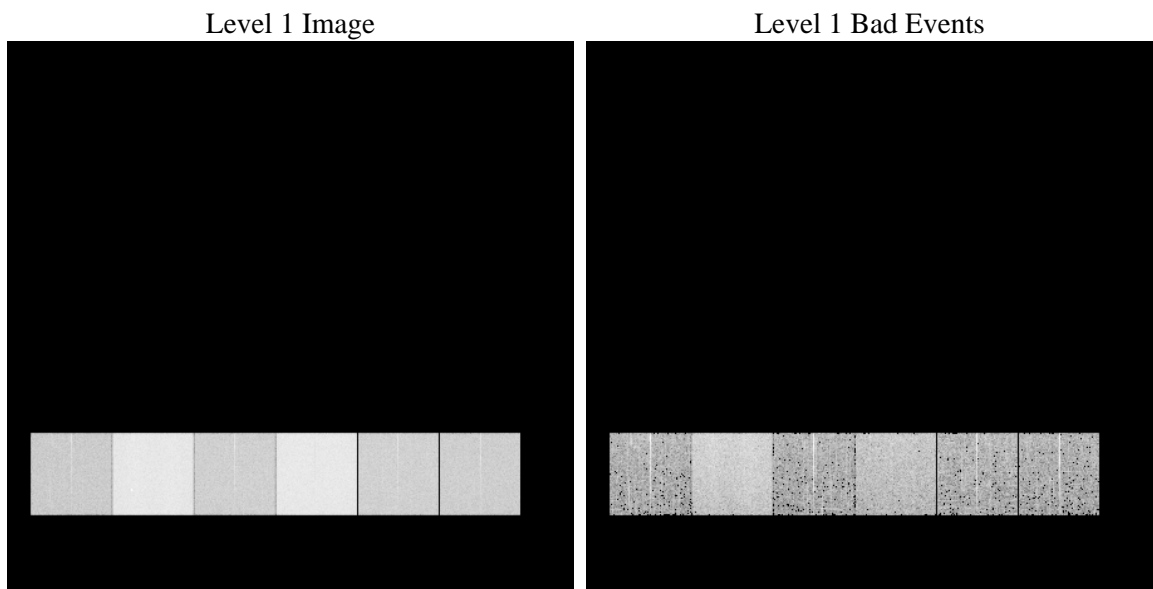
1 Front

seq_num	 	Sequence number
obs_id	61558	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	40.97440217302	Nominal RA [deg]
dec_nom	-10.986199290017	Nominal Dec [deg]
roll_nom	118.48548186308	Nominal Roll [deg]
revision	4	Processing version of data
ontime	6127.1032088101	Sum of GTIs [s]
livetime	6049.5181386815	Livetime [s]
ontime4	2287.4852218777	Sum of GTIs [s]
ontime5	6616.4873072207	Sum of GTIs [s]
ontime6	2511.0756023377	Sum of GTIs [s]
ontime7	6127.1032088101	Sum of GTIs [s]
ontime8	2559.7730727941	Sum of GTIs [s]
ontime9	2465.5780819505	Sum of GTIs [s]
l2events	1313794	Number of level 2 events

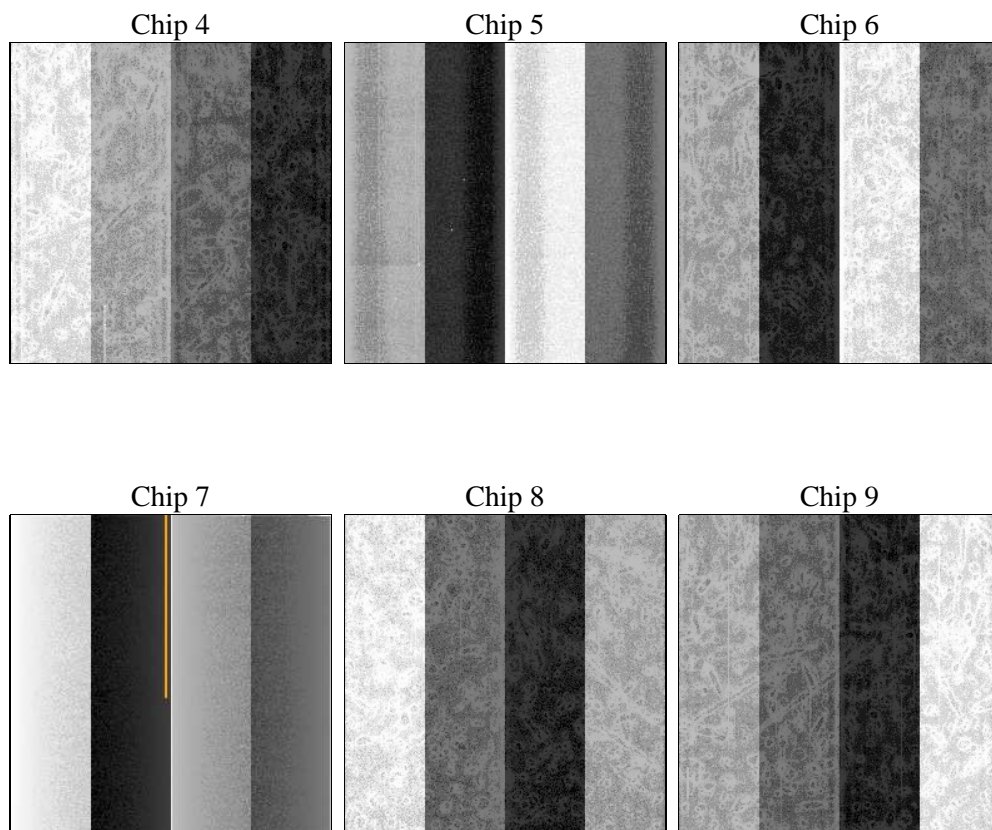
2 OBI

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	8.5.1.1	Processing system revision	ontime	6127.1032088101	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	2287.4852218777	Sum of GTIs [s]
date	2013-01-03T01:27:32	Date and time of file creation	ontime5	6616.4873072207	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2511.0756023377	Sum of GTIs [s]
			ontime7	6127.1032088101	Sum of GTIs [s]
			ontime8	2559.7730727941	Sum of GTIs [s]
			ontime9	2465.5780819505	Sum of GTIs [s]
			l1events	1548331	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	156716	417546	183817	427969	189654	172629	grade 0 events	73404	73169	87847	99276	92018	83593
rejected events	22582	54877	22051	35699	23807	20706		46%	17%	47%	23%	48%	48%
rejected %	14%	13%	11%	8%	12%	11%	grade 1 events	356	236	413	245	435	385
								0%	0%	0%	0%	0%	0%
							grade 2 events	27179	145659	29332	87357	29548	27381
								17%	34%	15%	20%	15%	15%
							grade 3 events	7668	19424	9686	39614	10357	9216
								4%	4%	5%	9%	5%	5%
							grade 4 events	7790	18858	9692	39177	10219	9467
								4%	4%	5%	9%	5%	5%
							grade 5 events	1372	9381	1605	6811	1730	1504
								0%	2%	0%	1%	0%	0%
							grade 6 events	18885	107542	26081	128971	24464	23107
								12%	25%	14%	30%	12%	13%
							grade 7 events	20062	43277	19161	26518	20883	17976
								12%	10%	10%	6%	11%	10%

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	40.97440217302
[deg] Pointing Dec	0	-10.98619929001691
[deg] Pointing Roll	0.0	118.4854818630766
[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)	110824616.482	110824615.71339
Observation start date	2001-07-06T16:36:56	2001-07-06T16:36:55
[s] Observation end time (MET)	110847533.433	110847532.66429
Observation end date	2001-07-06T22:58:53	2001-07-06T22:58:52
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1271032088101

A.2 Comments