

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56436 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 21 2012

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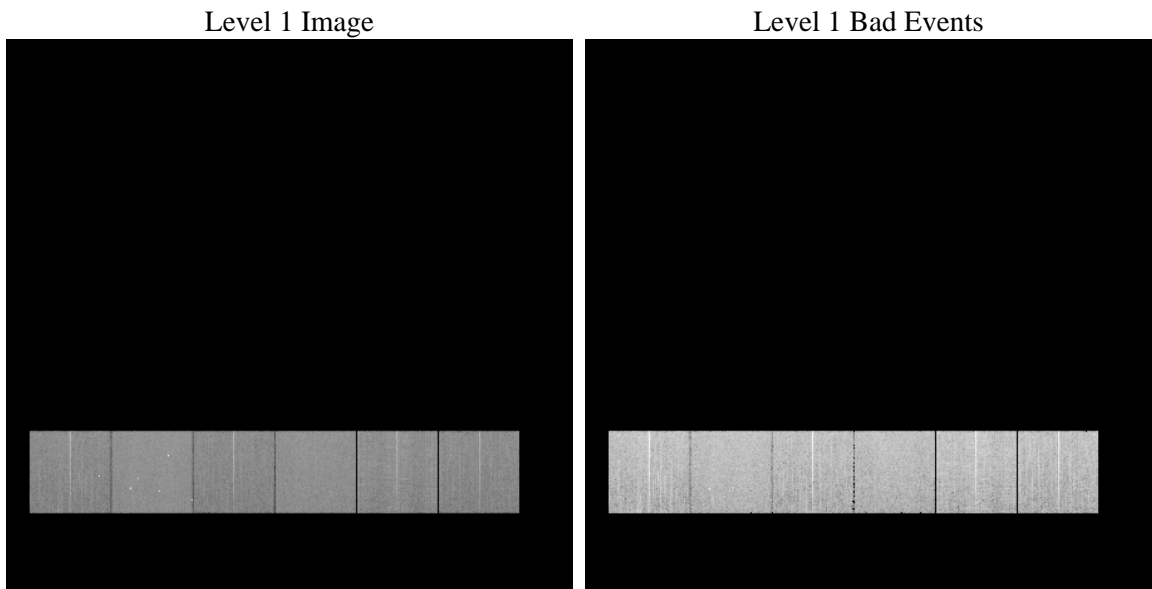
1 Front

seq_num	 	Sequence number
obs_id	56436	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	166.26613755454	Nominal RA [deg]
dec_nom	31.99830420504	Nominal Dec [deg]
roll_nom	150.48130007593	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8277.0118144155	Sum of GTIs [s]
livetime	8172.2033070032	Livetime [s]
ontime4	8276.8886944056	Sum of GTIs [s]
ontime5	8276.9707744122	Sum of GTIs [s]
ontime6	8276.9297344089	Sum of GTIs [s]
ontime7	8277.0118144155	Sum of GTIs [s]
ontime8	8276.8476544023	Sum of GTIs [s]
ontime9	8277.0528544188	Sum of GTIs [s]
l2events	455728	Number of level 2 events

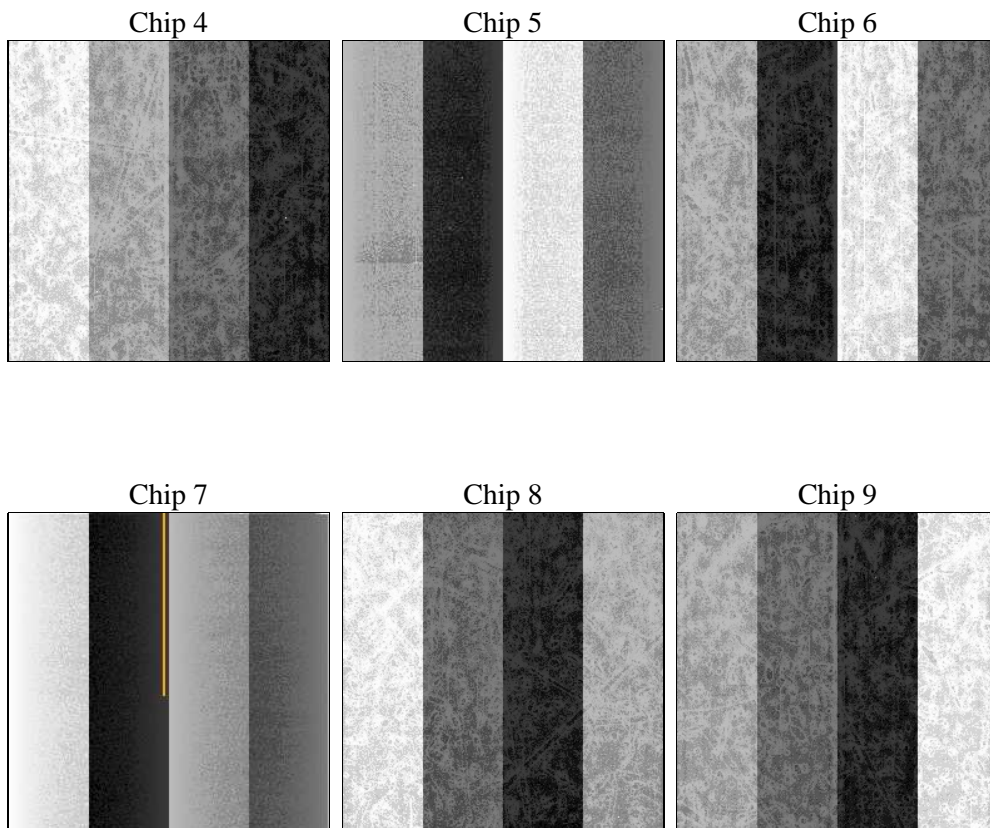
2 OBI

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	8.4.5	Processing system revision	ontime	8277.0118144155	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8276.8886944056	Sum of GTIs [s]
date	2012-06-21T17:35:57	Date and time of file creation	ontime5	8276.9707744122	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8276.9297344089	Sum of GTIs [s]
			ontime7	8277.0118144155	Sum of GTIs [s]
			ontime8	8276.8476544023	Sum of GTIs [s]
			ontime9	8277.0528544188	Sum of GTIs [s]
			l1events	954206	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	146749	184831	141467	173199	164698	143262	grade 0 events	38947	18822	36185	18629	39480	35693
rejected events	79410	73080	72314	68957	82331	75846		26%	10%	25%	10%	23%	24%
rejected %	54%	39%	51%	39%	49%	52%	grade 1 events	402	255	224	157	286	287
								0%	0%	0%	0%	0%	0%
							grade 2 events	10686	38397	12417	22642	15650	12041
								7%	20%	8%	13%	9%	8%
							grade 3 events	4573	5066	4594	9681	6166	4499
								3%	2%	3%	5%	3%	3%
							grade 4 events	4608	4824	4484	9483	6026	4482
								3%	2%	3%	5%	3%	3%
							grade 5 events	4351	10024	4383	11251	5657	4804
								2%	5%	3%	6%	3%	3%
							grade 6 events	8525	44642	11473	43807	15045	10701
								5%	24%	8%	25%	9%	7%
							grade 7 events	74657	62801	67707	57549	76388	70755
								50%	33%	47%	33%	46%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	166.2661375545433	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	31.99830420503985	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	150.4813000759345	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	383132272.274071	383132271.24907			
Observation start date	2010-02-21T09:37:52	2010-02-21T09:37:51			
[s] Observation end time (MET)	383142247.574577	383142246.54957			
Observation end date	2010-02-21T12:24:08	2010-02-21T12:24:06			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2770118144155

A.2 Comments