

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55354 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 12 2012

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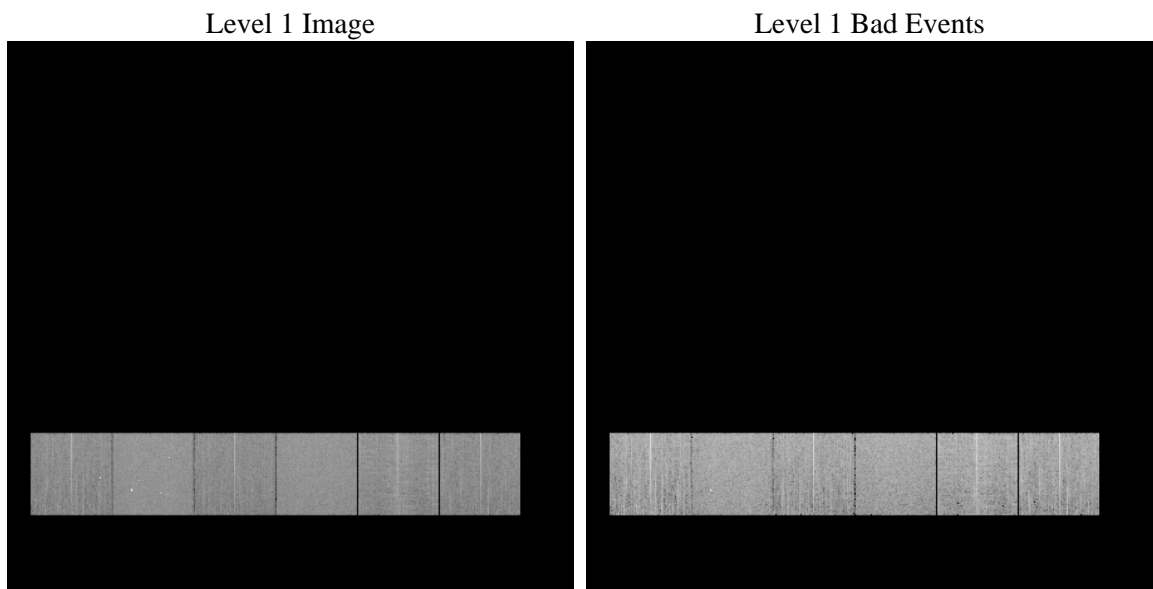
1 Front

seq_num	 	Sequence number
obs_id	55354	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	154.21970061555	Nominal RA [deg]
dec_nom	-31.756919186359	Nominal Dec [deg]
roll_nom	239.23345469552	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8086.3999699354	Sum of GTIs [s]
livetime	7984.0051044706	Livetime [s]
ontime4	8086.3999699354	Sum of GTIs [s]
ontime5	8086.3999699354	Sum of GTIs [s]
ontime6	8086.3999699354	Sum of GTIs [s]
ontime7	8086.3999699354	Sum of GTIs [s]
ontime8	8083.1589691639	Sum of GTIs [s]
ontime9	8086.3999699354	Sum of GTIs [s]
l2events	328402	Number of level 2 events

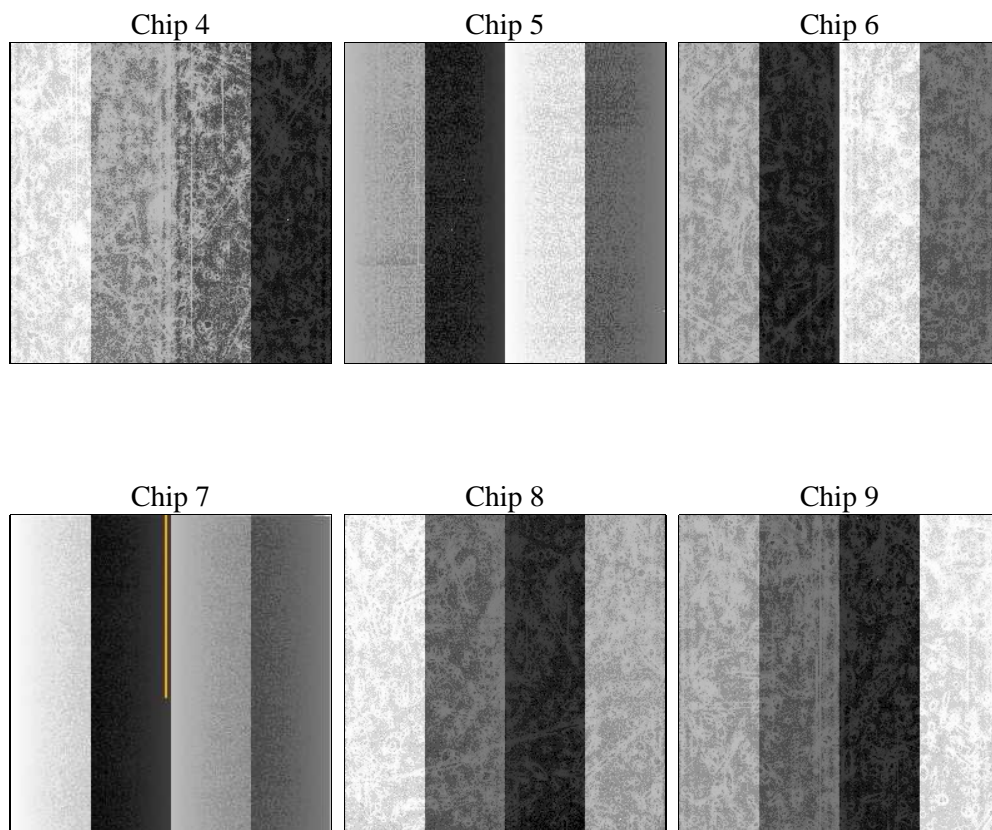
2 OBI

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	8.4.3	Processing system revision	ontime	8086.3999699354	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	8086.3999699354	Sum of GTIs [s]
date	2012-02-12T14:09:28	Date and time of file creation	ontime5	8086.3999699354	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8086.3999699354	Sum of GTIs [s]
			ontime7	8086.3999699354	Sum of GTIs [s]
			ontime8	8083.1589691639	Sum of GTIs [s]
			ontime9	8086.3999699354	Sum of GTIs [s]
			l1events	736204	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	111421	141426	108132	135630	128213	111382	grade 0 events	28495	9884	26140	13285	29679	26140
rejected events	63497	62243	58554	59753	67956	63068		25%	6%	24%	9%	23%	23%
rejected %	56%	44%	54%	44%	53%	56%	grade 1 events	240	534	140	110	166	186
								0%	0%	0%	0%	0%	0%
							grade 2 events	7505	30022	9476	16841	11891	8666
								6%	21%	8%	12%	9%	7%
							grade 3 events	3452	3027	3339	6697	4584	3469
								3%	2%	3%	4%	3%	3%
							grade 4 events	3385	2935	3289	6986	4511	3315
								3%	2%	3%	5%	3%	2%
							grade 5 events	3525	7274	3687	9083	4787	4084
								3%	5%	3%	6%	3%	3%
							grade 6 events	6251	35214	8536	33850	11126	7949
								5%	24%	7%	24%	8%	7%
							grade 7 events	58568	52536	53525	48778	61469	57573
								52%	37%	49%	35%	47%	51%

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	154.2197006155545
[deg] Pointing Dec	0	-31.75691918635863
[deg] Pointing Roll	0.0	239.2334546955203
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	424488849.34931	424488849.34931
Observation start date	2011-06-15T01:34:09	2011-06-15T01:34:09
[s] Observation end time (MET)	424498397.664177	424498397.664177
Observation end date	2011-06-15T04:13:18	2011-06-15T04:13:17
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0863999699354

A.2 Comments