

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56824 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 13 2012

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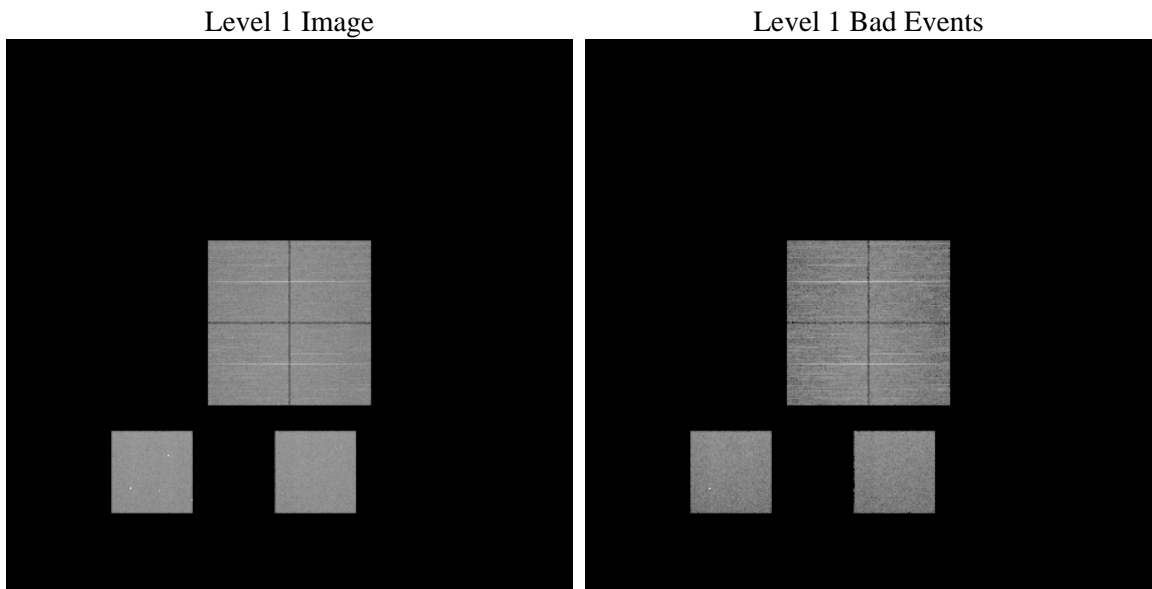
1 Front

seq_num	 	Sequence number
obs_id	56824	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	0.7949269919003	Nominal RA [deg]
dec_nom	11.646775583229	Nominal Dec [deg]
roll_nom	156.28784800921	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8169.5999696255	Sum of GTIs [s]
livetime	8066.1515756676	Livetime [s]
ontime0	8169.5999696255	Sum of GTIs [s]
ontime1	8169.5999696255	Sum of GTIs [s]
ontime2	8169.5999696255	Sum of GTIs [s]
ontime3	8169.5999696255	Sum of GTIs [s]
ontime5	8169.5999696255	Sum of GTIs [s]
ontime7	8169.5999696255	Sum of GTIs [s]
l2events	496145	Number of level 2 events

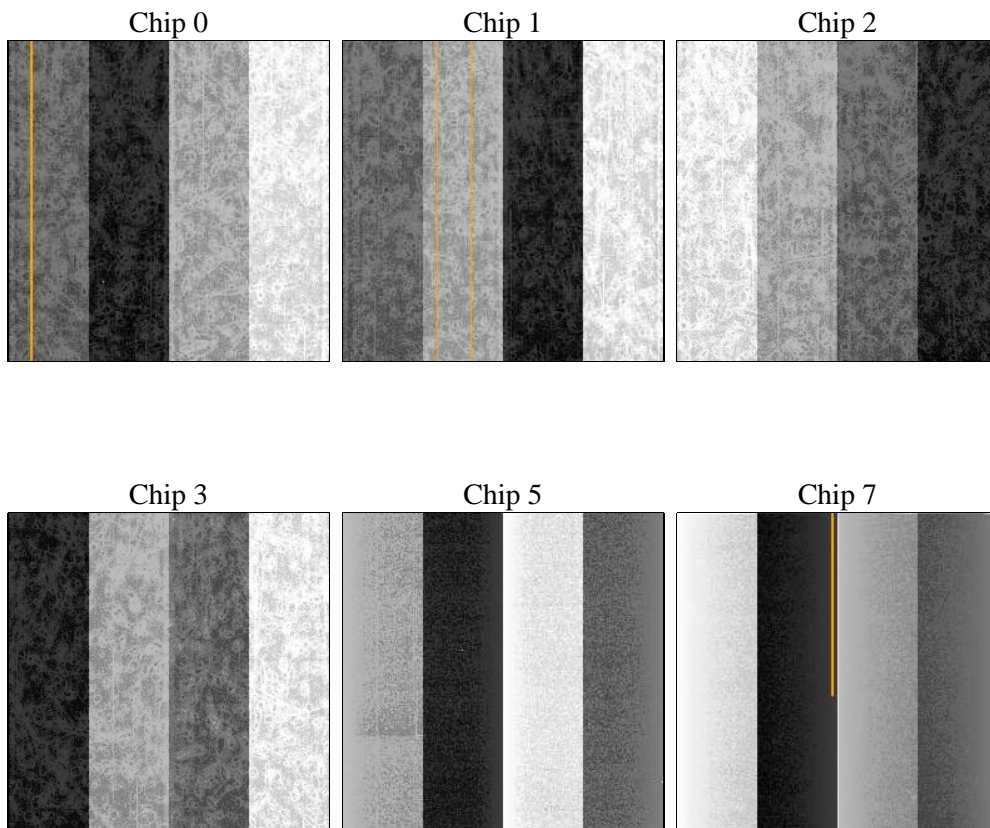
2 OBI

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	8169.5999696255	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8169.5999696255	Sum of GTIs [s]
date	2012-06-13T21:40:14	Date and time of file creation	ontime1	8169.5999696255	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8169.5999696255	Sum of GTIs [s]
			ontime3	8169.5999696255	Sum of GTIs [s]
			ontime5	8169.5999696255	Sum of GTIs [s]
			ontime7	8169.5999696255	Sum of GTIs [s]
			l1events	974504	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	145595	144124	156059	151834	192087	184805	grade 0 events	39772	38837	40718	40497	17586	21099
rejected events	71817	70167	81990	77994	77144	71966		27%	26%	26%	26%	9%	11%
rejected %	49%	48%	52%	51%	40%	38%	grade 1 events	312	266	313	345	298	159
								0%	0%	0%	0%	0%	0%
							grade 2 events	13489	14120	12998	13033	41747	24902
								9%	9%	8%	8%	21%	13%
							grade 3 events	5111	5057	5185	5050	5169	10617
								3%	3%	3%	3%	2%	5%
							grade 4 events	5000	4946	5089	5261	5092	10533
								3%	3%	3%	3%	2%	5%
							grade 5 events	3967	4310	3734	4581	10559	11711
								2%	2%	2%	3%	5%	6%
							grade 6 events	11305	11980	11081	10991	46877	47131
								7%	8%	7%	7%	24%	25%
							grade 7 events	66639	64608	76941	72076	64759	58653
								45%	44%	49%	47%	33%	31%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	0.7949269919002973
[deg] Pointing Dec	0	11.64677558322946
[deg] Pointing Roll	0.0	156.2878480092123
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	369652361.293695	369652361.293695
Observation start date	2009-09-18T09:12:41	2009-09-18T09:12:41
[s] Observation end time (MET)	369661910.075185	369661910.075185
Observation end date	2009-09-18T11:51:50	2009-09-18T11:51:50
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1695999696255

A.2 Comments