

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57162 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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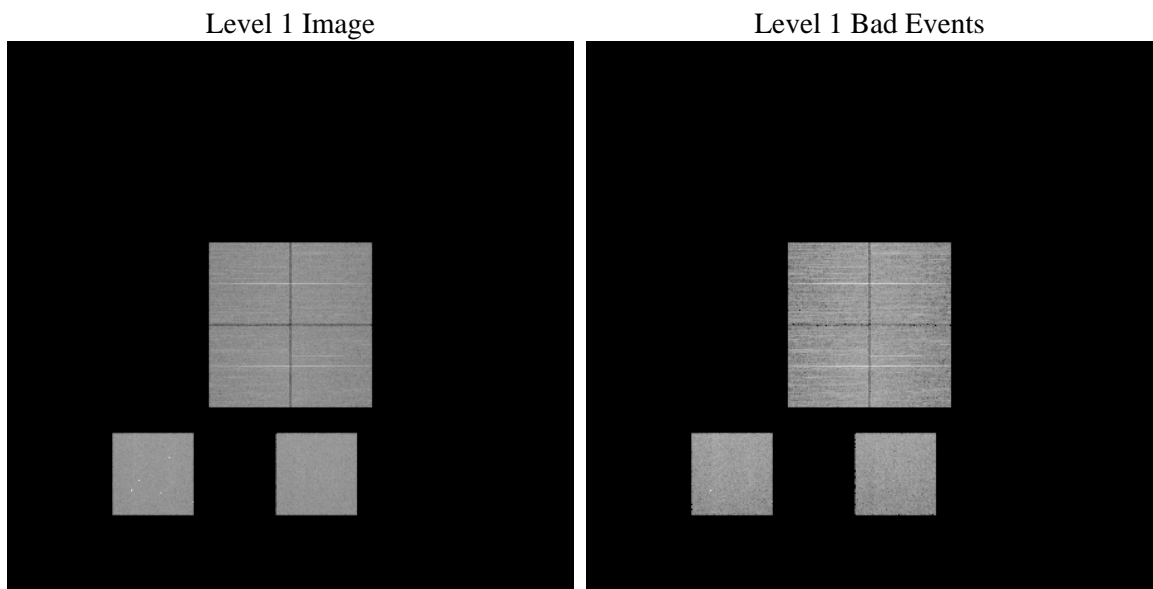
1 Front

seq_num	 	Sequence number
obs_id	57162	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	199.03427793459	Nominal RA [deg]
dec_nom	-34.195719443752	Nominal Dec [deg]
roll_nom	335.73977853531	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7624.5032811761	Sum of GTIs [s]
livetime	7527.9572297051	Livetime [s]
ontime0	7624.4622411728	Sum of GTIs [s]
ontime1	7621.1801909208	Sum of GTIs [s]
ontime2	7624.3801611662	Sum of GTIs [s]
ontime3	7624.5443211794	Sum of GTIs [s]
ontime5	7624.3391211629	Sum of GTIs [s]
ontime7	7624.5032811761	Sum of GTIs [s]
l2events	490917	Number of level 2 events

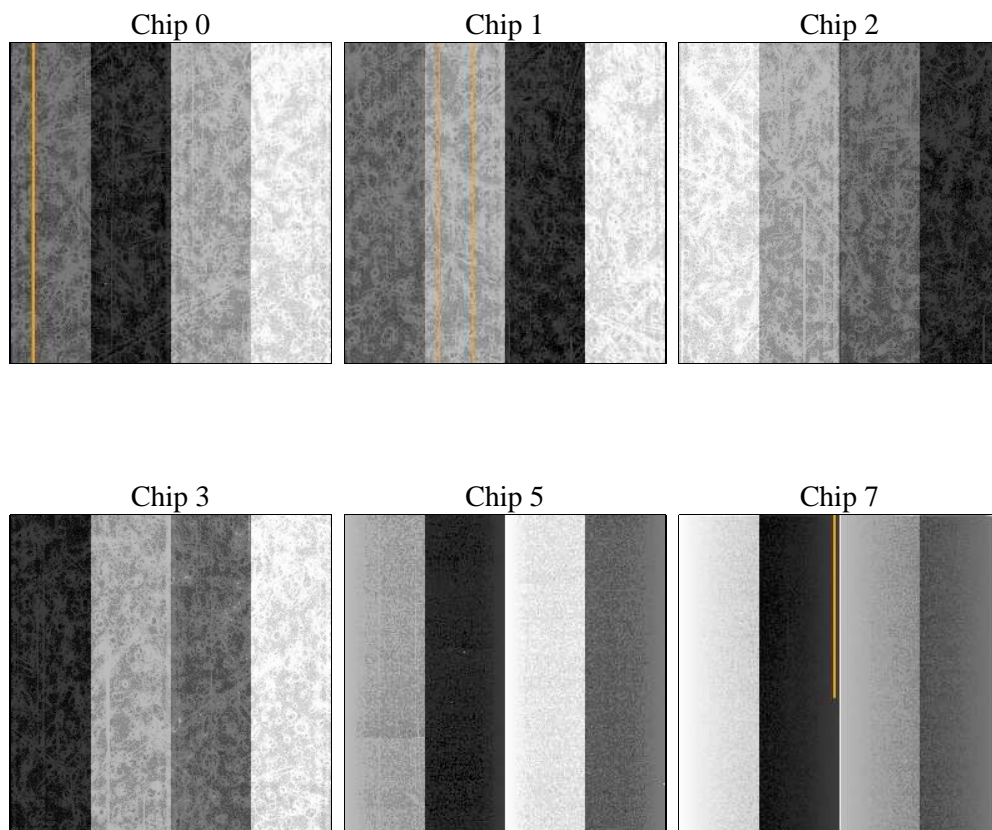
2 OBI

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	7624.5032811761	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7624.4622411728	Sum of GTIs [s]
date	2012-06-04T20:37:11	Date and time of file creation	ontime1	7621.1801909208	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7624.3801611662	Sum of GTIs [s]
			ontime3	7624.5443211794	Sum of GTIs [s]
			ontime5	7624.3391211629	Sum of GTIs [s]
			ontime7	7624.5032811761	Sum of GTIs [s]
			l1events	930439	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	141939	143347	146251	143679	180125	175098	grade 0 events	39729	38825	39874	40726	17139	20521
rejected events	68036	69301	72569	69039	68551	65068		27%	27%	27%	28%	9%	11%
rejected %	47%	48%	49%	48%	38%	37%	grade 1 events	291	264	297	324	210	142
								0%	0%	0%	0%	0%	0%
							grade 2 events	13277	13790	12886	13091	39999	23868
								9%	9%	8%	9%	22%	13%
							grade 3 events	4836	4959	5103	5126	5007	10262
								3%	3%	3%	3%	2%	5%
							grade 4 events	5009	4875	5056	5057	4916	10044
								3%	3%	3%	3%	2%	5%
							grade 5 events	3797	3978	3585	4212	9618	10629
								2%	2%	2%	2%	5%	6%
							grade 6 events	11087	11621	10799	10640	44552	45335
								7%	8%	7%	7%	24%	25%
							grade 7 events	63913	65035	68651	64503	58684	54297
								45%	45%	46%	44%	32%	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	199.0342779345893
[deg] Pointing Dec	0	-34.1957194437524
[deg] Pointing Roll	0.0	335.7397785353138
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	356671467.49489	356671466.46989
Observation start date	2009-04-21T03:24:27	2009-04-21T03:24:26
[s] Observation end time (MET)	356683193.495474	356683192.47047
Observation end date	2009-04-21T06:39:53	2009-04-21T06:39:52
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6245032811761

A.2 Comments