

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57160 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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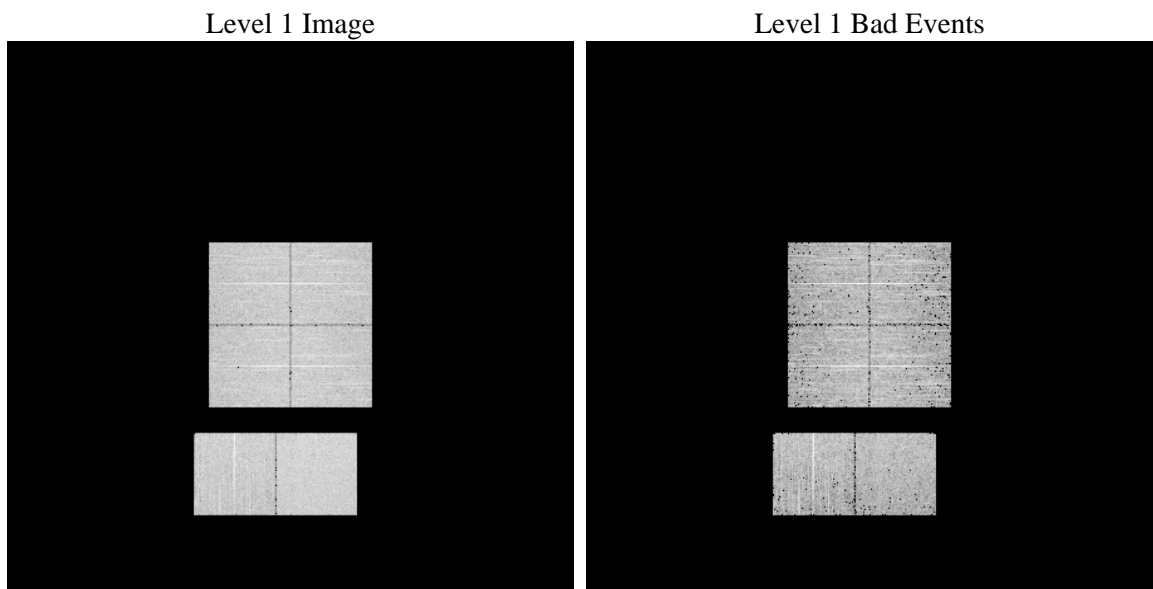
1 Front

seq_num	 	Sequence number
obs_id	57160	Observation id
title	ACIS-012367 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	195.86517022482	Nominal RA [deg]
dec_nom	25.444656275294	Nominal Dec [deg]
roll_nom	202.97229010215	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3247.9999879599	Sum of GTIs [s]
livetime	3206.8718564015	Livetime [s]
ontime0	3247.9999879599	Sum of GTIs [s]
ontime1	3247.9999879599	Sum of GTIs [s]
ontime2	3244.7589578032	Sum of GTIs [s]
ontime3	3247.9999879599	Sum of GTIs [s]
ontime6	3247.9999879599	Sum of GTIs [s]
ontime7	3247.9999879599	Sum of GTIs [s]
l2events	195181	Number of level 2 events

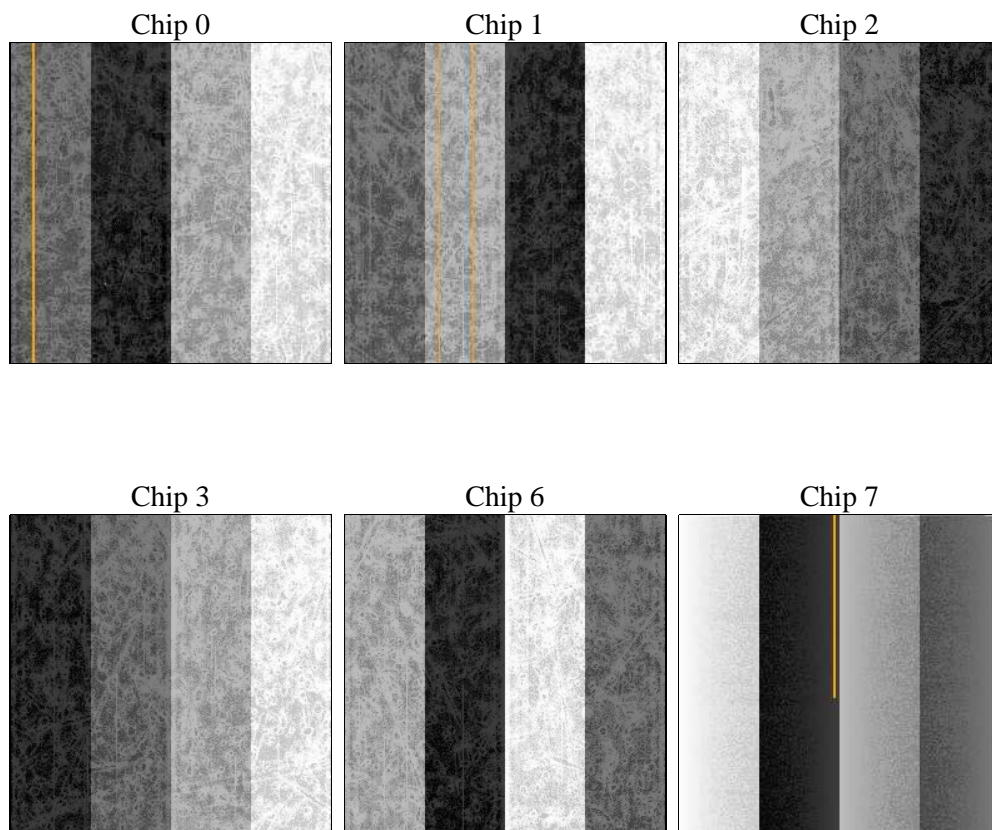
2 OBI

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	3247.9999879599	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	3247.9999879599	Sum of GTIs [s]
date	2012-06-04T22:02:48	Date and time of file creation	ontime1	3247.9999879599	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3244.7589578032	Sum of GTIs [s]
			ontime3	3247.9999879599	Sum of GTIs [s]
			ontime6	3247.9999879599	Sum of GTIs [s]
			ontime7	3247.9999879599	Sum of GTIs [s]
			l1events	388013	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	60422	61581	62127	63400	64829	75654	grade 0 events	17008	16586	17175	17514	17361	8938
rejected events	28904	30009	30653	31467	31963	28556		28%	26%	27%	27%	26%	11%
rejected %	47%	48%	49%	49%	49%	37%	grade 1 events	130	112	157	155	110	82
								0%	0%	0%	0%	0%	0%
							grade 2 events	5781	6048	5512	5592	5933	10318
								9%	9%	8%	8%	9%	13%
							grade 3 events	2092	2052	2176	2195	2133	4510
								3%	3%	3%	3%	3%	5%
							grade 4 events	2165	2161	2203	2150	2208	4501
								3%	3%	3%	3%	3%	5%
							grade 5 events	1640	1660	1585	1826	1813	4628
								2%	2%	2%	2%	2%	6%
							grade 6 events	4696	4930	4646	4699	5539	19149
								7%	8%	7%	7%	8%	25%
							grade 7 events	26910	28032	28673	29269	29732	23528
								44%	45%	46%	46%	45%	31%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	195.8651702248232
[deg] Pointing Dec	0	25.44465627529436
[deg] Pointing Roll	0.0	202.9722901021517
[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)	356859257.754243	356859257.754243
Observation start date	2009-04-23T07:34:18	2009-04-23T07:34:17
[s] Observation end time (MET)	356863806.200119	356863806.200119
Observation end date	2009-04-23T08:50:06	2009-04-23T08:50:06
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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2479999879599

A.2 Comments