

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61649 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

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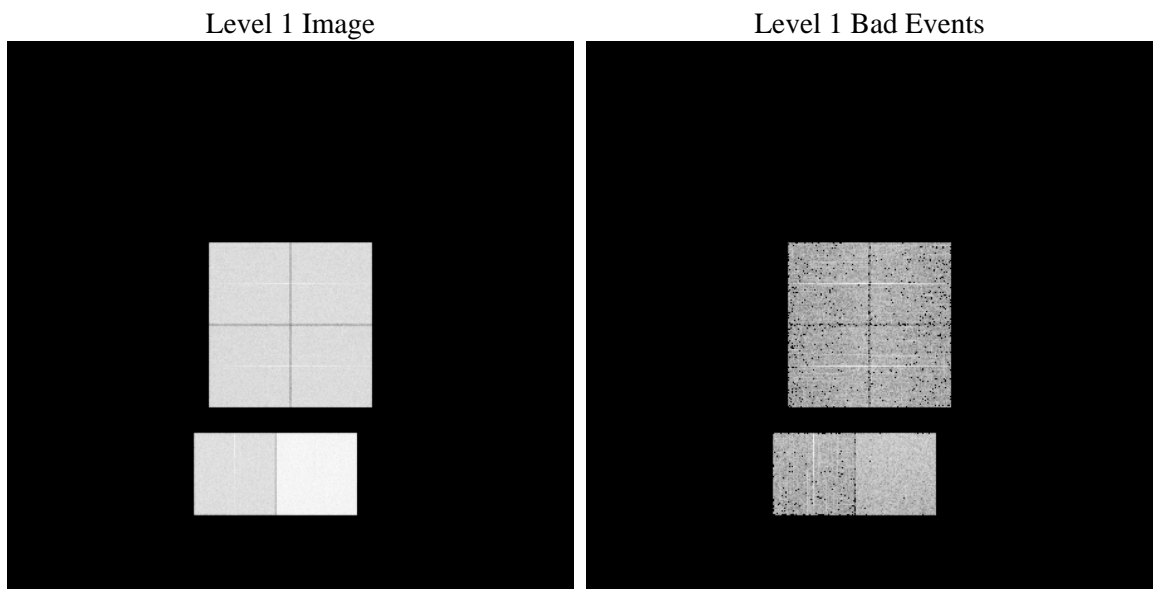
1 Front

seq_num	 	Sequence number
obs_id	61649	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	209.98895490792	Nominal RA [deg]
dec_nom	-0.026458903582313	Nominal Dec [deg]
roll_nom	214.62025292529	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6927.7787184119	Sum of GTIs [s]
livetime	6840.0550128719	Livetime [s]
ontime0	2821.4896265268	Sum of GTIs [s]
ontime1	2889.5924465805	Sum of GTIs [s]
ontime2	2695.171136871	Sum of GTIs [s]
ontime3	2788.9974057376	Sum of GTIs [s]
ontime6	3011.9749089777	Sum of GTIs [s]
ontime7	6927.7787184119	Sum of GTIs [s]
l2events	1347447	Number of level 2 events

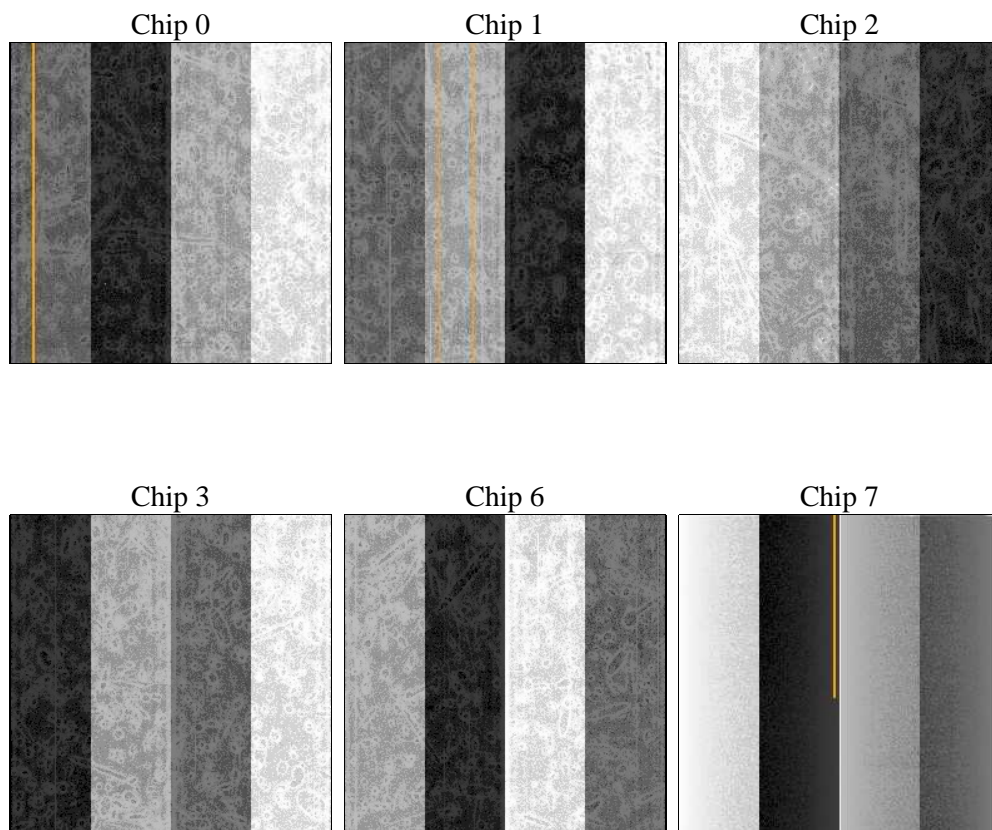
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6927.7787184119	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2821.4896265268	Sum of GTIs [s]
date	2012-09-18T19:52:04	Date and time of file creation	ontime1	2889.5924465805	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2695.171136871	Sum of GTIs [s]
			ontime3	2788.9974057376	Sum of GTIs [s]
			ontime6	3011.9749089777	Sum of GTIs [s]
			ontime7	6927.7787184119	Sum of GTIs [s]
			l1events	1549329	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	205231	210794	198382	205229	228304	501389	grade 0 events	101562	104361	99042	102933	112090	118886
rejected events	21149	21548	20893	21866	23538	36406		49%	49%	49%	50%	49%	23%
rejected %	10%	10%	10%	10%	10%	7%	grade 1 events	527	565	508	523	556	300
								0%	0%	0%	0%	0%	0%
							grade 2 events	32592	33513	31255	32235	35526	103507
								15%	15%	15%	15%	15%	20%
							grade 3 events	11734	12248	11287	11508	12381	47522
								5%	5%	5%	5%	5%	9%
							grade 4 events	11607	11828	11210	11449	12560	47159
								5%	5%	5%	5%	5%	9%
							grade 5 events	1550	1656	1395	1627	1844	7680
								0%	0%	0%	0%	0%	1%
							grade 6 events	26803	27717	24935	25413	32417	148785
								13%	13%	12%	12%	14%	29%
							grade 7 events	18856	18906	18750	19541	20930	27550
								9%	8%	9%	9%	9%	5%

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	209.9889549079202
[deg] Pointing Dec	0	-0.02645890358231278
[deg] Pointing Roll	0.0	214.6202529252915
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	105343084.36836	105343083.59989
Observation start date	2001-05-04T05:58:04	2001-05-04T05:58:03
[s] Observation end time (MET)	105366198.119257	105366197.35079
Observation end date	2001-05-04T12:23:18	2001-05-04T12:23:17
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.9277787184119

A.2 Comments