

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61663 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 15 2012

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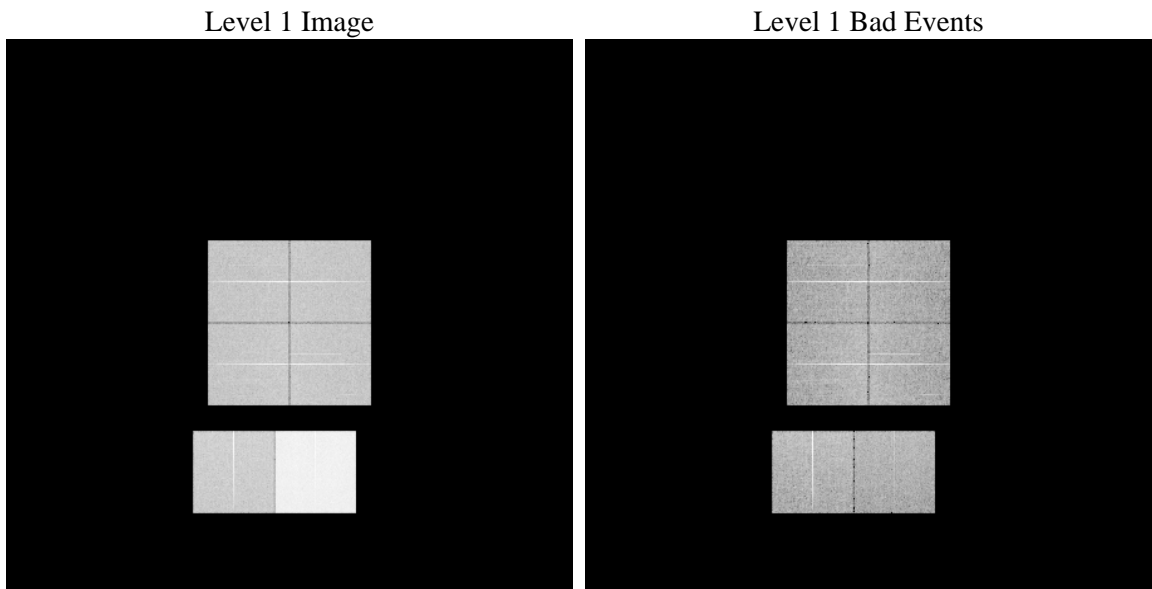
1 Front

seq_num	 	Sequence number
obs_id	61663	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	89.504815356677	Nominal RA [deg]
dec_nom	-32.028383136729	Nominal Dec [deg]
roll_nom	245.63146580323	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8172.8000075966	Sum of GTIs [s]
livetime	8069.3110928311	Livetime [s]
ontime0	1665.6693417877	Sum of GTIs [s]
ontime1	1717.5673008114	Sum of GTIs [s]
ontime2	1656.0284912139	Sum of GTIs [s]
ontime3	1697.3111692071	Sum of GTIs [s]
ontime6	2024.6559392214	Sum of GTIs [s]
ontime7	8172.8000075966	Sum of GTIs [s]
l2events	1071422	Number of level 2 events

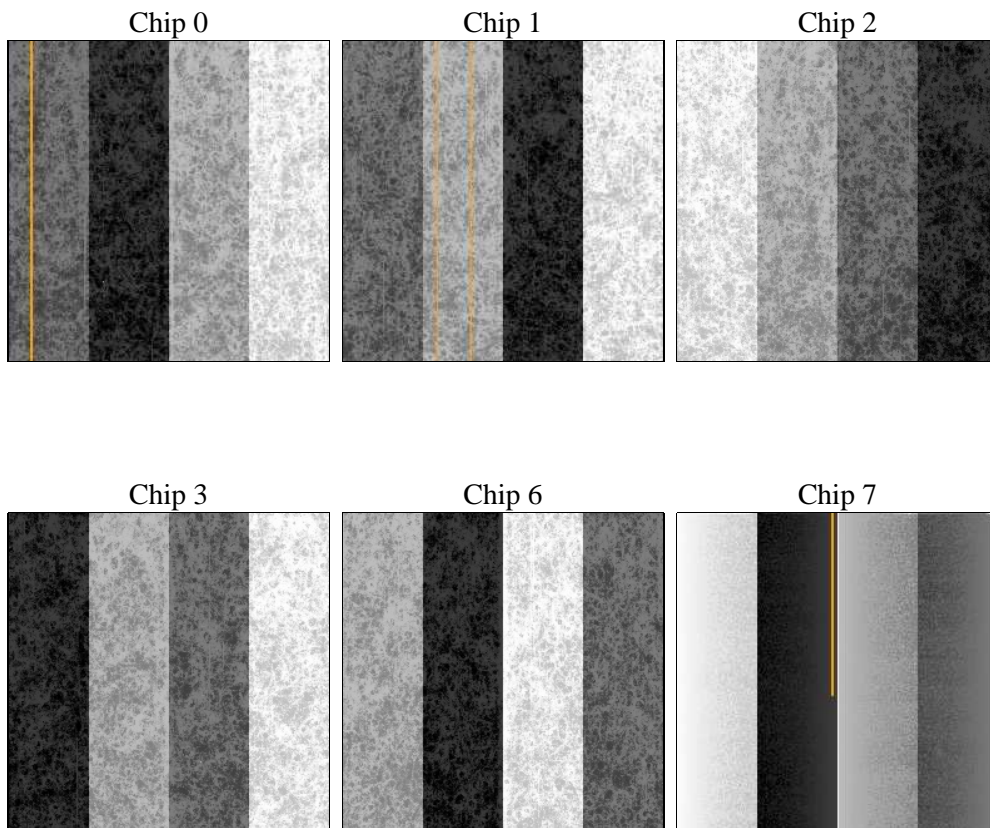
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8172.8000075966	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1665.6693417877	Sum of GTIs [s]
date	2012-09-15T16:33:54	Date and time of file creation	ontime1	1717.5673008114	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	1656.0284912139	Sum of GTIs [s]
			ontime3	1697.3111692071	Sum of GTIs [s]
			ontime6	2024.6559392214	Sum of GTIs [s]
			ontime7	8172.8000075966	Sum of GTIs [s]
			l1events	1518884	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	155880	157943	164196	164383	202705	673777	grade 0 events	50587	52436	50545	52443	65198	147907
rejected events	62398	61278	71205	68449	80656	63536		32%	33%	30%	31%	32%	21%
rejected %	40%	38%	43%	41%	39%	9%	grade 1 events	1063	1144	1054	1118	1256	822
								0%	0%	0%	0%	0%	0%
							grade 2 events	16633	16906	16563	16650	21120	138182
								10%	10%	10%	10%	10%	20%
							grade 3 events	6165	6385	6119	6512	7942	61307
								3%	4%	3%	3%	3%	9%
							grade 4 events	6193	6550	6024	6418	7828	60711
								3%	4%	3%	3%	3%	9%
							grade 5 events	1633	1739	1679	1743	2108	12891
								1%	1%	1%	1%	1%	1%
							grade 6 events	13904	14388	13740	13911	19961	202134
								8%	9%	8%	8%	9%	30%
							grade 7 events	59702	58395	68472	65588	77292	49823
								38%	36%	41%	39%	38%	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	89.50481535667681	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-32.02838313672903	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	245.6314658032347			
[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)	103986396.366	103986395.59723			
Observation start date	2001-04-18T13:06:36	2001-04-18T13:06:35			
[s] Observation end time (MET)	103996906.716	103996905.94764			
Observation end date	2001-04-18T16:01:47	2001-04-18T16:01:45			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1728000075966

A.2 Comments