

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56049 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

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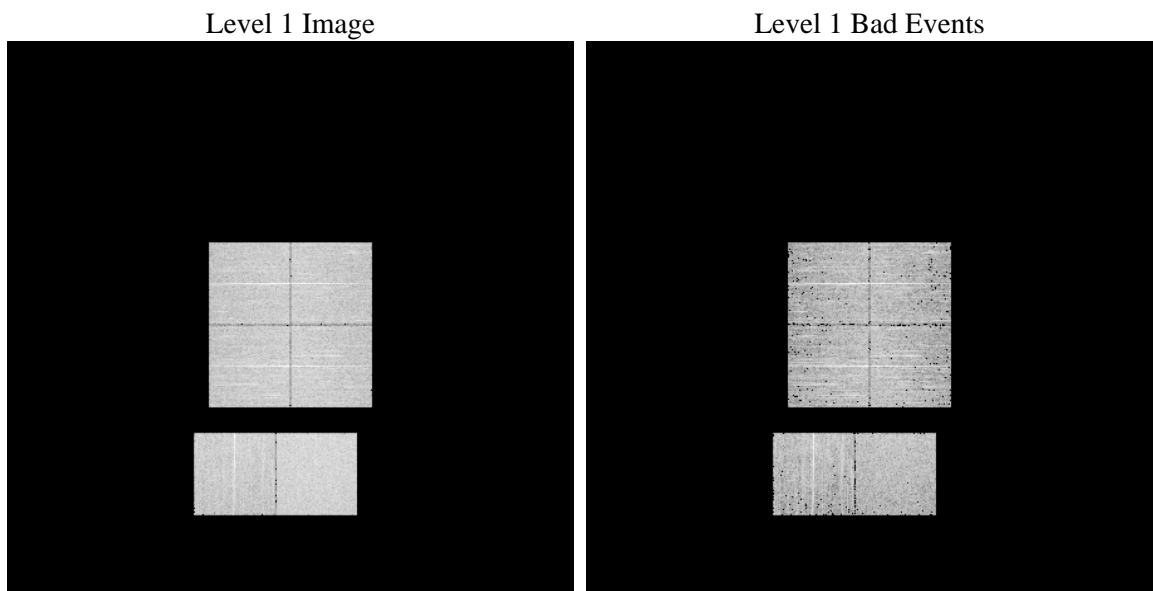
1 Front

seq_num	 	Sequence number
obs_id	56049	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	359.00516056532	Nominal RA [deg]
dec_nom	-27.971667808891	Nominal Dec [deg]
roll_nom	47.77658558652	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4371.1999837756	Sum of GTIs [s]
livetime	4315.8492175604	Livetime [s]
ontime0	4371.1999837756	Sum of GTIs [s]
ontime1	4371.1999837756	Sum of GTIs [s]
ontime2	4371.1999837756	Sum of GTIs [s]
ontime3	4371.1999837756	Sum of GTIs [s]
ontime6	4371.1999837756	Sum of GTIs [s]
ontime7	4371.1999837756	Sum of GTIs [s]
l2events	196605	Number of level 2 events

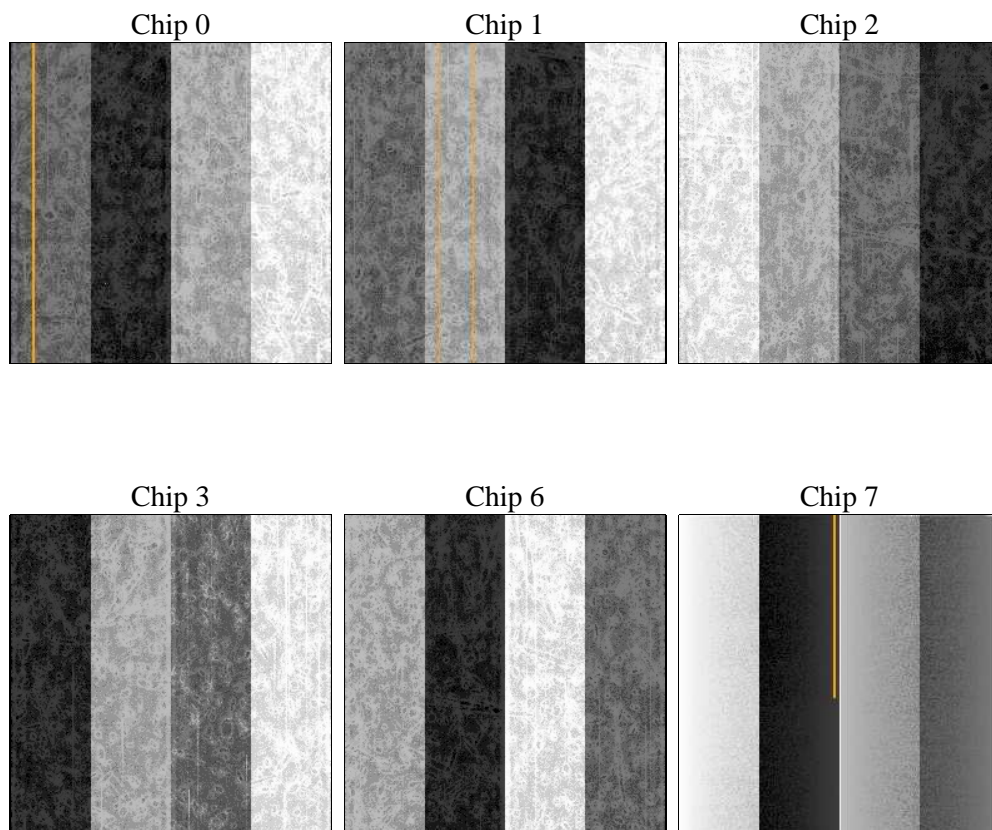
2 OBI

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	4371.1999837756	Sum of GTIs [s]
caldbver	4.5.0	 	ontime0	4371.1999837756	Sum of GTIs [s]
date	2012-07-02T18:13:37	Date and time of file creation	ontime1	4371.1999837756	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4371.1999837756	Sum of GTIs [s]
			ontime3	4371.1999837756	Sum of GTIs [s]
			ontime6	4371.1999837756	Sum of GTIs [s]
			ontime7	4371.1999837756	Sum of GTIs [s]
			l1events	409479	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	62408	63579	66118	66662	66896	83816	grade 0 events	16453	16407	17041	16928	16866	8785
rejected events	31045	32013	34521	35228	34386	34231		26%	25%	25%	25%	25%	10%
rejected %	49%	50%	52%	52%	51%	40%	grade 1 events	110	93	122	107	96	79
								0%	0%	0%	0%	0%	0%
							grade 2 events	5839	6012	5470	5498	6003	10709
								9%	9%	8%	8%	8%	12%
							grade 3 events	2172	2095	2210	2180	2135	4417
								3%	3%	3%	3%	3%	5%
							grade 4 events	2136	2091	2171	2170	2122	4567
								3%	3%	3%	3%	3%	5%
							grade 5 events	1986	2028	1906	2215	2161	5520
								3%	3%	2%	3%	3%	6%
							grade 6 events	4763	4961	4705	4658	5384	21107
								7%	7%	7%	6%	8%	25%
							grade 7 events	28949	29892	32493	32906	32129	28632
								46%	47%	49%	49%	48%	34%

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	359.0051605653177
[deg] Pointing Dec	0	-27.97166780889109
[deg] Pointing Roll	0.0	47.77658558651967
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	399618516.61412	399618515.58913
Observation start date	2010-08-31T05:08:37	2010-08-31T05:08:35
[s] Observation end time (MET)	399628083.96461	399628082.93962
Observation end date	2010-08-31T07:48:04	2010-08-31T07:48:02
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)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.3711999837756

A.2 Comments