

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62857 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 27 2012

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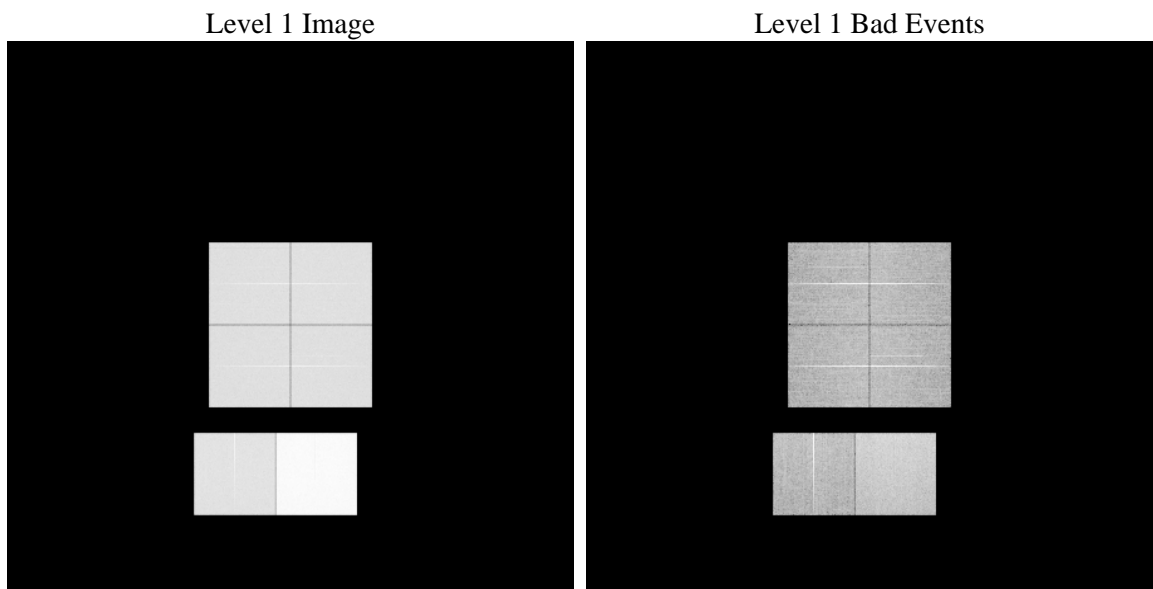
1 Front

seq_num	 	Sequence number
obs_id	62857	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	140.98325105796	Nominal RA [deg]
dec_nom	60.027388207183	Nominal Dec [deg]
roll_nom	74.225497560299	Nominal Roll [deg]
revision	3	Processing version of data
ontime	35171.657620162	Sum of GTIs [s]
livetime	34726.292913546	Livetime [s]
ontime0	13893.18226105	Sum of GTIs [s]
ontime1	14072.899163455	Sum of GTIs [s]
ontime2	13372.837755054	Sum of GTIs [s]
ontime3	13492.755597174	Sum of GTIs [s]
ontime6	14604.426872298	Sum of GTIs [s]
ontime7	35171.657620162	Sum of GTIs [s]
l2events	5888527	Number of level 2 events

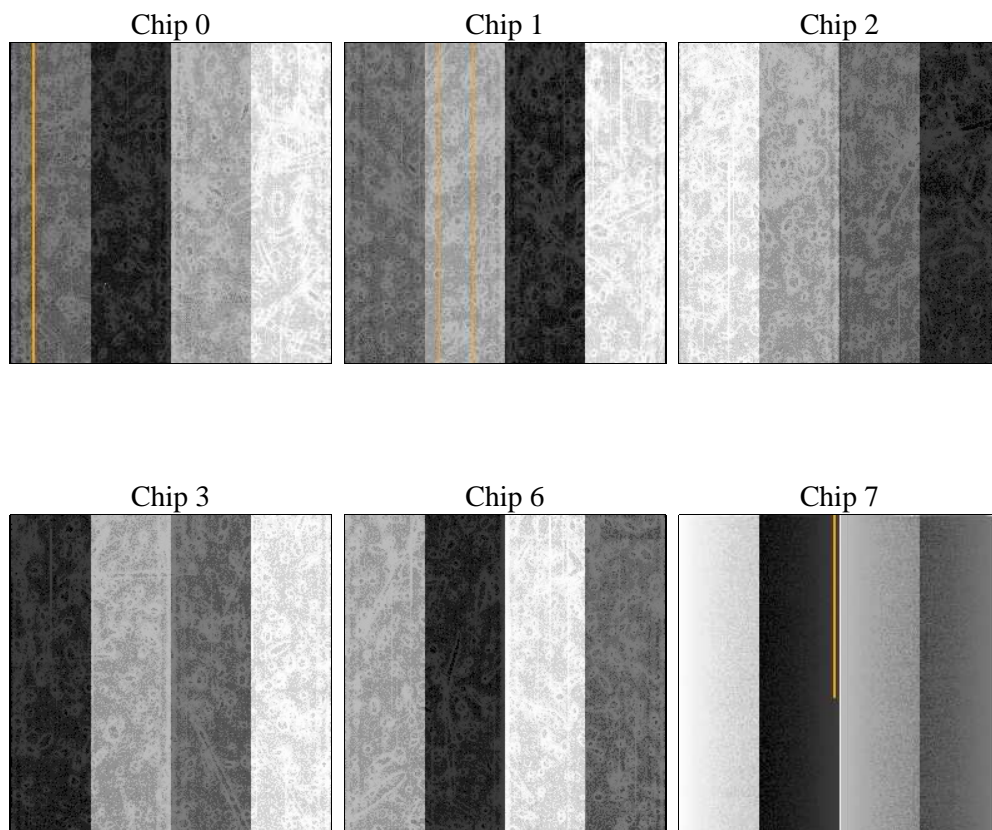
2 OBI

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	35171.657620162	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	13893.18226105	Sum of GTIs [s]
date	2012-09-27T03:59:30	Date and time of file creation	ontime1	14072.899163455	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	13372.837755054	Sum of GTIs [s]
			ontime3	13492.755597174	Sum of GTIs [s]
			ontime6	14604.426872298	Sum of GTIs [s]
			ontime7	35171.657620162	Sum of GTIs [s]
			l1events	6818905	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	892528	907631	875461	886203	988165	2268917	grade 0 events	439392	448041	433192	440301	481373	532626
rejected events	97441	98062	99137	101373	107393	180376		49%	49%	49%	49%	48%	23%
rejected %	10%	10%	11%	11%	10%	7%	grade 1 events	2312	2207	2077	2218	2259	1343
								0%	0%	0%	0%	0%	0%
							grade 2 events	140725	142830	137214	138221	152844	462871
								15%	15%	15%	15%	15%	20%
							grade 3 events	50246	51401	48695	49671	54318	213294
								5%	5%	5%	5%	5%	9%
							grade 4 events	50340	51472	48705	49290	54482	211596
								5%	5%	5%	5%	5%	9%
							grade 5 events	7030	7205	6659	6921	8150	36845
								0%	0%	0%	0%	0%	1%
							grade 6 events	115841	117649	109933	108969	139594	672197
								12%	12%	12%	12%	14%	29%
							grade 7 events	86642	86826	88986	90612	95145	138145
								9%	9%	10%	10%	9%	6%

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	140.9832510579627
[deg] Pointing Dec	0	60.02738820718294
[deg] Pointing Roll	0.0	74.22549756029876
[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)	121638118.858949	121638118.09051
Observation start date	2001-11-08T20:21:59	2001-11-08T20:21:58
[s] Observation end time (MET)	121677552.660517	121677551.89209
Observation end date	2001-11-09T07:19:13	2001-11-09T07:19:11
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.171657620162

A.2 Comments