

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56035 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 3 2012

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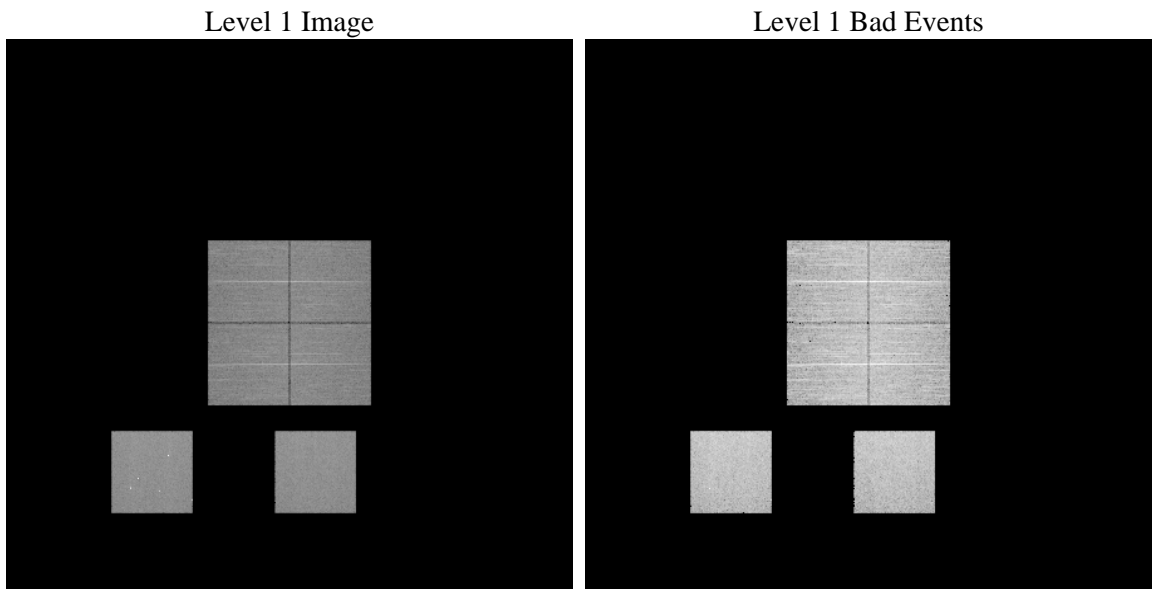
1 Front

seq_num	 	Sequence number
obs_id	56035	Observation id
title	ACIS-012357 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	333.99160924678	Nominal RA [deg]
dec_nom	7.9723865129951	Nominal Dec [deg]
roll_nom	228.60474706173	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime0	8281.5999692082	Sum of GTIs [s]
ontime1	8281.5999692082	Sum of GTIs [s]
ontime2	8281.5999692082	Sum of GTIs [s]
ontime3	8281.5999692082	Sum of GTIs [s]
ontime5	8281.5999692082	Sum of GTIs [s]
ontime7	8281.5999692082	Sum of GTIs [s]
l2events	405572	Number of level 2 events

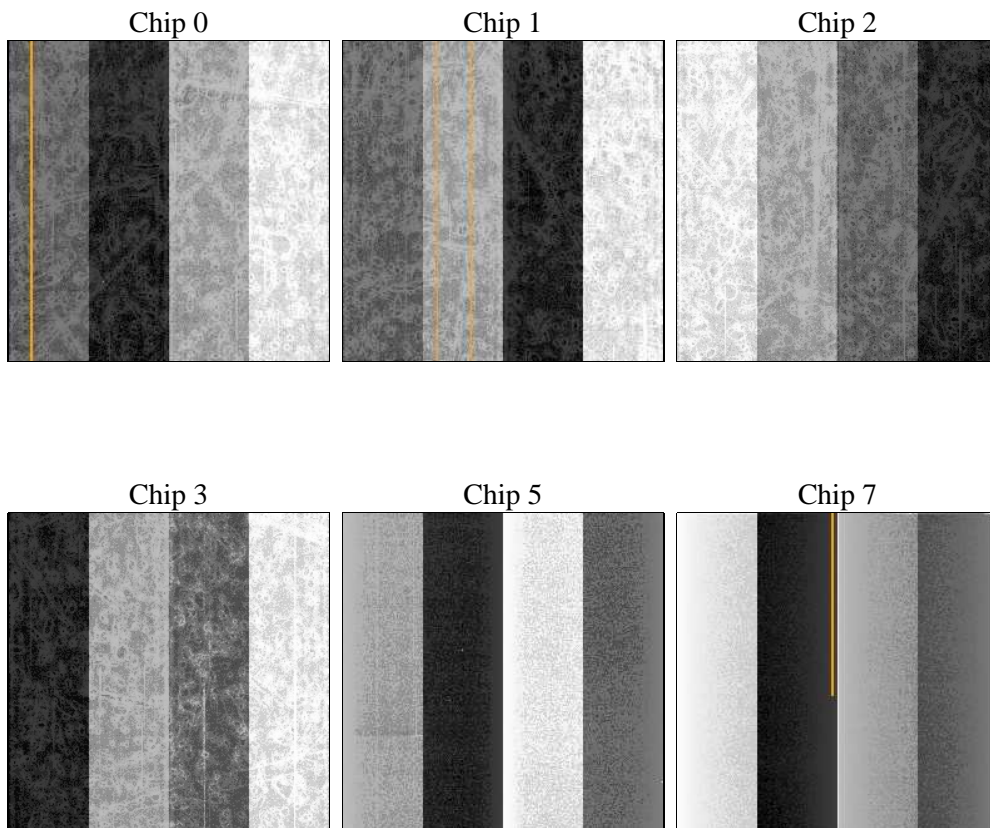
2 OBI

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	8281.5999692082	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8281.5999692082	Sum of GTIs [s]
date	2012-07-03T07:48:24	Date and time of file creation	ontime1	8281.5999692082	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8281.5999692082	Sum of GTIs [s]
			ontime3	8281.5999692082	Sum of GTIs [s]
			ontime5	8281.5999692082	Sum of GTIs [s]
			ontime7	8281.5999692082	Sum of GTIs [s]
			l1events	812681	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	120067	120263	122095	124750	166470	159036	grade 0 events	31214	30423	31949	32182	16611	16364
rejected events	60909	61058	63152	65014	66671	65403		25%	25%	26%	25%	9%	10%
rejected %	50%	50%	51%	52%	40%	41%	grade 1 events	216	189	241	208	221	145
								0%	0%	0%	0%	0%	0%
							grade 2 events	10806	11430	10239	10562	34094	20575
								8%	9%	8%	8%	20%	12%
							grade 3 events	4064	3884	4075	4175	4243	8502
								3%	3%	3%	3%	2%	5%
							grade 4 events	3926	4030	4161	4099	4199	8473
								3%	3%	3%	3%	2%	5%
							grade 5 events	3685	3815	3538	4179	9092	10494
								3%	3%	2%	3%	5%	6%
							grade 6 events	9148	9438	8519	8718	40652	39719
								7%	7%	6%	6%	24%	24%
							grade 7 events	57008	57054	59373	60627	57358	54764
								47%	47%	48%	48%	34%	34%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	333.9916092467834	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.972386512995069	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	228.604747061735	[s] Primary exposure time	3.2	3.2
[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)	400499643.559331	400499642.53433			
Observation start date	2010-09-10T09:54:04	2010-09-10T09:54:02			
[s] Observation end time (MET)	400530768.710929	400530767.68592			
Observation end date	2010-09-10T18:32:49	2010-09-10T18:32:47			
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)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments