

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56076 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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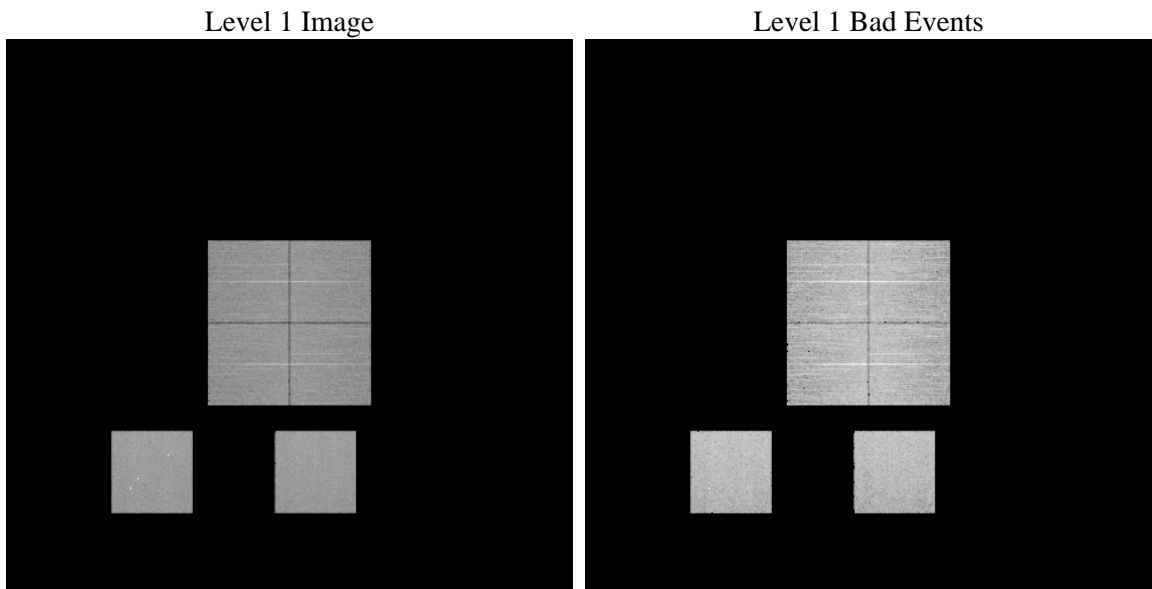
1 Front

seq_num	 	Sequence number
obs_id	56076	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	303.60439390589	Nominal RA [deg]
dec_nom	-16.858373871529	Nominal Dec [deg]
roll_nom	243.10309275282	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8197.9308425188	Sum of GTIs [s]
livetime	8094.1237059895	Livetime [s]
ontime0	8197.8898025155	Sum of GTIs [s]
ontime1	8197.8487625122	Sum of GTIs [s]
ontime2	8197.8077225089	Sum of GTIs [s]
ontime3	8197.9718825221	Sum of GTIs [s]
ontime5	8197.7666825056	Sum of GTIs [s]
ontime7	8197.9308425188	Sum of GTIs [s]
l2events	404873	Number of level 2 events

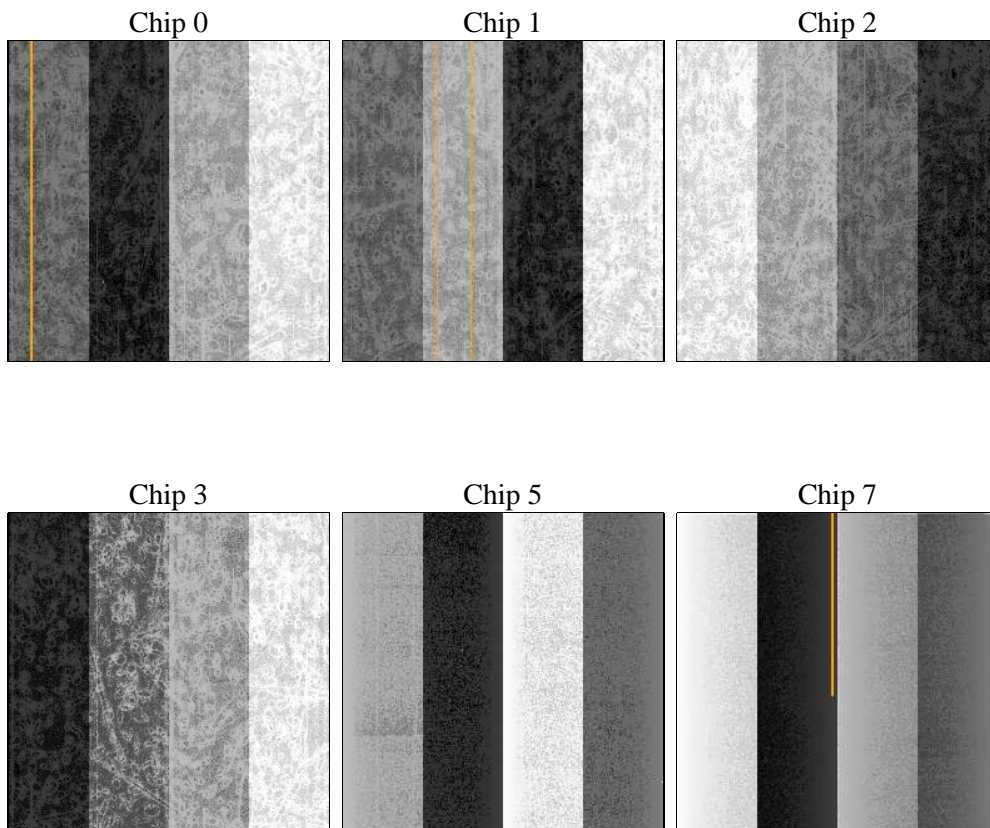
2 OBI

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	8197.9308425188	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8197.8898025155	Sum of GTIs [s]
date	2012-07-01T18:18:39	Date and time of file creation	ontime1	8197.8487625122	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8197.8077225089	Sum of GTIs [s]
			ontime3	8197.9718825221	Sum of GTIs [s]
			ontime5	8197.7666825056	Sum of GTIs [s]
			ontime7	8197.9308425188	Sum of GTIs [s]
			l1events	818278	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	121294	121968	125616	126203	163902	159295	grade 0 events	31482	30969	32337	32272	14657	16697
rejected events	62317	62586	66450	66890	67255	65809		25%	25%	25%	25%	8%	10%
rejected %	51%	51%	52%	53%	41%	41%	grade 1 events	221	192	256	242	197	126
								0%	0%	0%	0%	0%	0%
							grade 2 events	10888	11453	10531	10660	33999	20363
								8%	9%	8%	8%	20%	12%
							grade 3 events	4060	3980	4158	4145	4356	8519
								3%	3%	3%	3%	2%	5%
							grade 4 events	4073	4018	4010	4136	4184	8621
								3%	3%	3%	3%	2%	5%
							grade 5 events	3811	3903	3636	4191	8850	10320
								3%	3%	2%	3%	5%	6%
							grade 6 events	9098	9566	8764	8747	40487	40261
								7%	7%	6%	6%	24%	25%
							grade 7 events	57661	57887	61924	61810	57172	54388
								47%	47%	49%	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	OVERRIDE	OVERRIDE
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	303.6043939058906	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-16.85837387152882	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	243.1030927528231	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	398215041.442209	398215041.442209			
Observation start date	2010-08-14T23:17:21	2010-08-14T23:17:21			
[s] Observation end time (MET)	398224588.319738	398224588.319738			
Observation end date	2010-08-15T01:56:28	2010-08-15T01:56:28			
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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1979308425188

A.2 Comments