

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56101 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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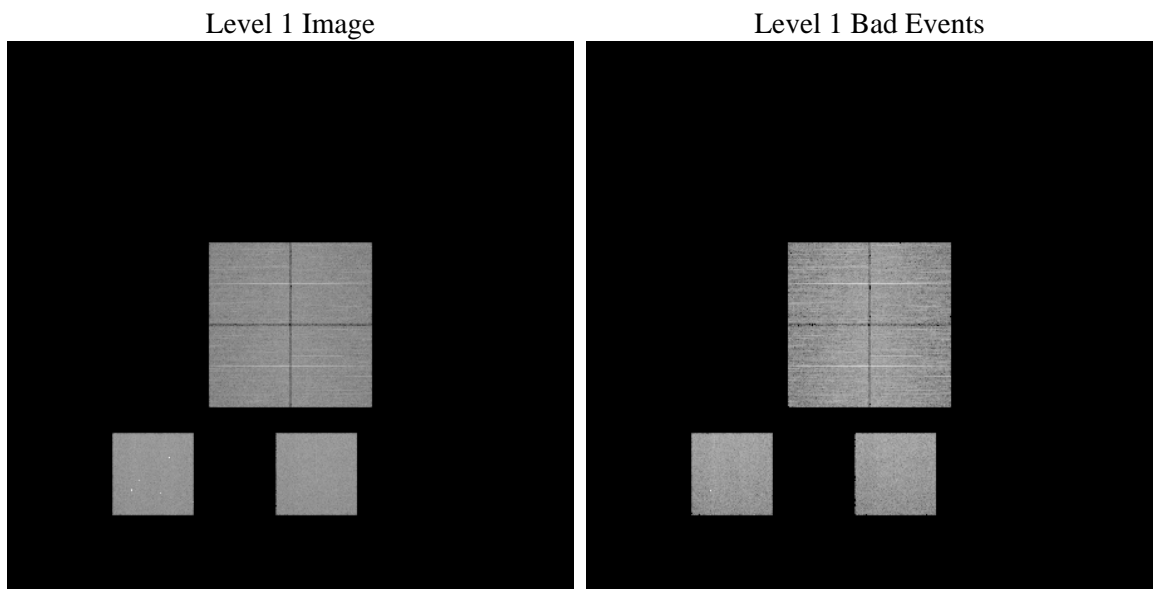
1 Front

seq_num	 	Sequence number
obs_id	56101	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	302.47944395493	Nominal RA [deg]
dec_nom	-5.9218202383568	Nominal Dec [deg]
roll_nom	206.30883537153	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8280.7718638182	Sum of GTIs [s]
livetime	8175.9157443963	Livetime [s]
ontime0	8280.7718638182	Sum of GTIs [s]
ontime1	8280.7718638182	Sum of GTIs [s]
ontime2	8283.5808259845	Sum of GTIs [s]
ontime3	8280.7718638182	Sum of GTIs [s]
ontime5	8283.5397859812	Sum of GTIs [s]
ontime7	8280.7718638182	Sum of GTIs [s]
l2events	415057	Number of level 2 events

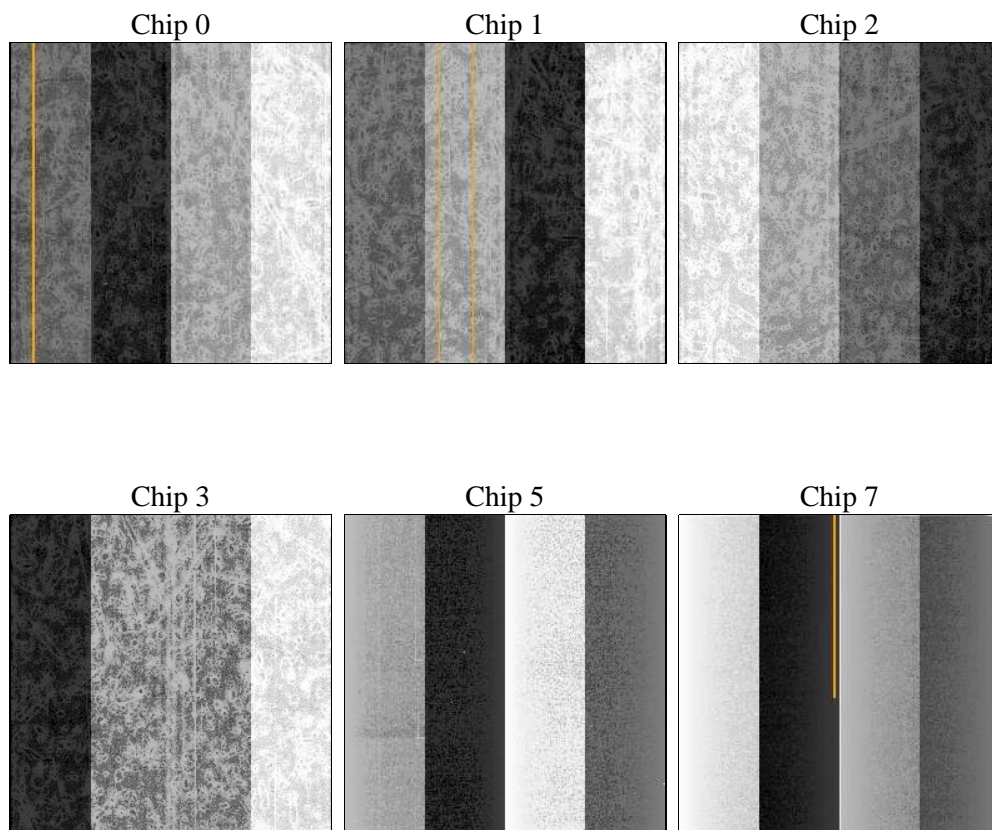
2 OBI

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	8280.7718638182	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8280.7718638182	Sum of GTIs [s]
date	2012-07-01T02:39:46	Date and time of file creation	ontime1	8280.7718638182	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8283.5808259845	Sum of GTIs [s]
			ontime3	8280.7718638182	Sum of GTIs [s]
			ontime5	8283.5397859812	Sum of GTIs [s]
			ontime7	8280.7718638182	Sum of GTIs [s]
			l1events	823418	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	123063	120916	124465	127063	166588	161323	grade 0 events	32155	31658	32794	32826	15219	17090
rejected events	62350	59751	63251	66468	67063	65857		26%	26%	26%	25%	9%	10%
rejected %	50%	49%	50%	52%	40%	40%	grade 1 events	205	182	239	228	209	156
								0%	0%	0%	0%	0%	0%
							grade 2 events	11263	11736	10828	10553	34560	20629
								9%	9%	8%	8%	20%	12%
							grade 3 events	4125	4062	4200	4071	4522	8862
								3%	3%	3%	3%	2%	5%
							grade 4 events	4068	4095	4211	4209	4353	8601
								3%	3%	3%	3%	2%	5%
							grade 5 events	3933	3990	3625	4208	9118	10541
								3%	3%	2%	3%	5%	6%
							grade 6 events	9102	9614	9181	8936	40871	40284
								7%	7%	7%	7%	24%	24%
							grade 7 events	58212	55579	59387	62032	57736	55160
								47%	45%	47%	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	302.4794439549265	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-5.921820238356804	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	206.3088353715276	[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)	396844267.872076	396844266.84708			
Observation start date	2010-07-30T02:31:08	2010-07-30T02:31:06			
[s] Observation end time (MET)	396873939.573594	396873938.5486			
Observation end date	2010-07-30T10:45:40	2010-07-30T10:45:38			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2807718638182

A.2 Comments