

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56001 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 4 2012

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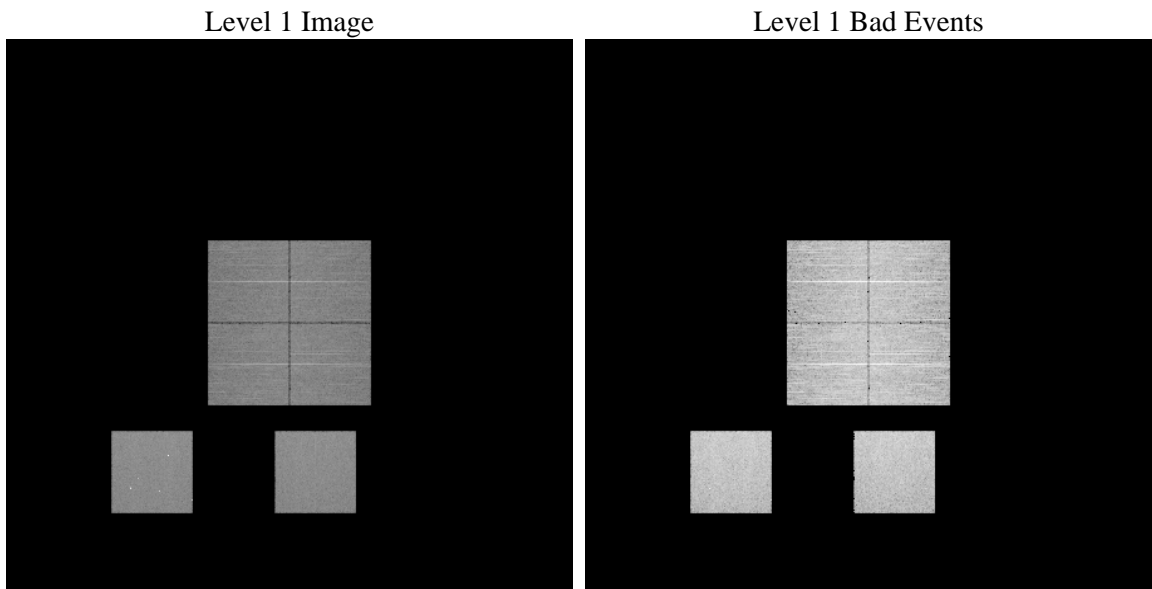
1 Front

seq_num	 	Sequence number
obs_id	56001	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	185.54982165101	Nominal RA [deg]
dec_nom	-60.414626626166	Nominal Dec [deg]
roll_nom	177.77486355094	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8230.399969399	Sum of GTIs [s]
livetime	8126.1816892346	Livetime [s]
ontime0	8230.399969399	Sum of GTIs [s]
ontime1	8230.399969399	Sum of GTIs [s]
ontime2	8230.399969399	Sum of GTIs [s]
ontime3	8230.399969399	Sum of GTIs [s]
ontime5	8230.399969399	Sum of GTIs [s]
ontime7	8230.399969399	Sum of GTIs [s]
l2events	397847	Number of level 2 events

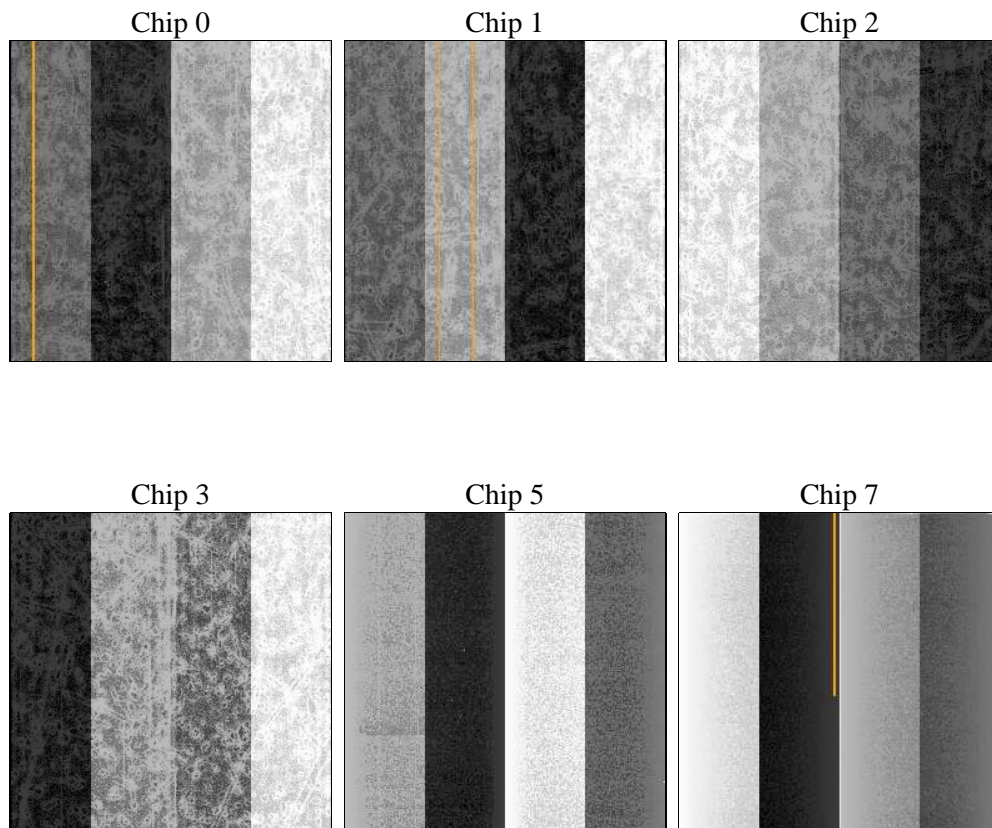
2 OBI

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	8230.399969399	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8230.399969399	Sum of GTIs [s]
date	2012-07-04T06:06:13	Date and time of file creation	ontime1	8230.399969399	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8230.399969399	Sum of GTIs [s]
			ontime3	8230.399969399	Sum of GTIs [s]
			ontime5	8230.399969399	Sum of GTIs [s]
			ontime7	8230.399969399	Sum of GTIs [s]
			l1events	801313	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	114918	118792	122437	124614	163526	157026	grade 0 events	30620	30173	31643	31704	16554	16012
rejected events	57351	60908	64422	66025	65567	65292		26%	25%	25%	25%	10%	10%
rejected %	49%	51%	52%	52%	40%	41%	grade 1 events	199	179	190	226	310	145
								0%	0%	0%	0%	0%	0%
							grade 2 events	10497	11113	10261	10502	33283	20127
								9%	9%	8%	8%	20%	12%
							grade 3 events	4043	3823	4167	4029	4267	8460
								3%	3%	3%	3%	2%	5%
							grade 4 events	3864	3950	3872	4183	4228	8548
								3%	3%	3%	3%	2%	5%
							grade 5 events	3777	3838	3484	4139	8734	10465
								3%	3%	2%	3%	5%	6%
							grade 6 events	8922	9226	8467	8532	40314	39230
								7%	7%	6%	6%	24%	24%
							grade 7 events	52996	56490	60353	61299	55836	54039
								46%	47%	49%	49%	34%	34%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	185.5498216510089
[deg] Pointing Dec	0	-60.41462662616645
[deg] Pointing Roll	0.0	177.7748635509427
[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)	402327710.653136	402327710.653136
Observation start date	2010-10-01T13:41:51	2010-10-01T13:41:50
[s] Observation end time (MET)	402337259.718866	402337259.718866
Observation end date	2010-10-01T16:21:00	2010-10-01T16:20:59
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.230399969399

A.2 Comments