

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56395 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

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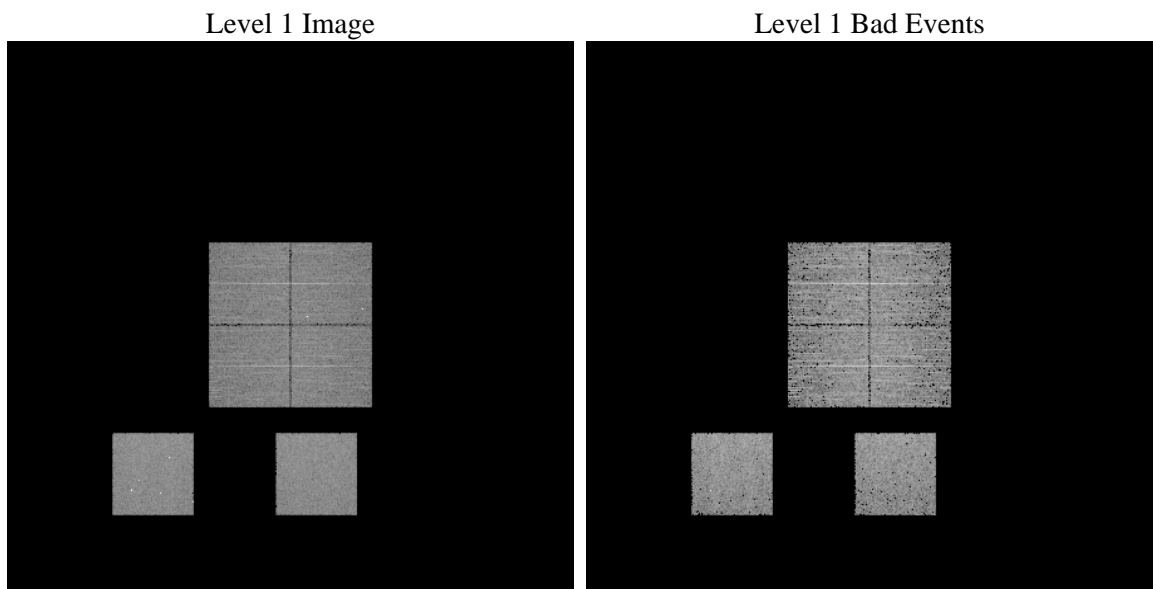
1 Front

seq_num	 	Sequence number
obs_id	56395	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	184.96859618475	Nominal RA [deg]
dec_nom	24.996662439745	Nominal Dec [deg]
roll_nom	153.77851642835	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3278.6706353426	Sum of GTIs [s]
livetime	3237.1541335794	Livetime [s]
ontime0	3278.6295953393	Sum of GTIs [s]
ontime1	3278.588555336	Sum of GTIs [s]
ontime2	3278.5475153327	Sum of GTIs [s]
ontime3	3278.7116753459	Sum of GTIs [s]
ontime5	3278.5064753294	Sum of GTIs [s]
ontime7	3278.6706353426	Sum of GTIs [s]
l2events	176052	Number of level 2 events

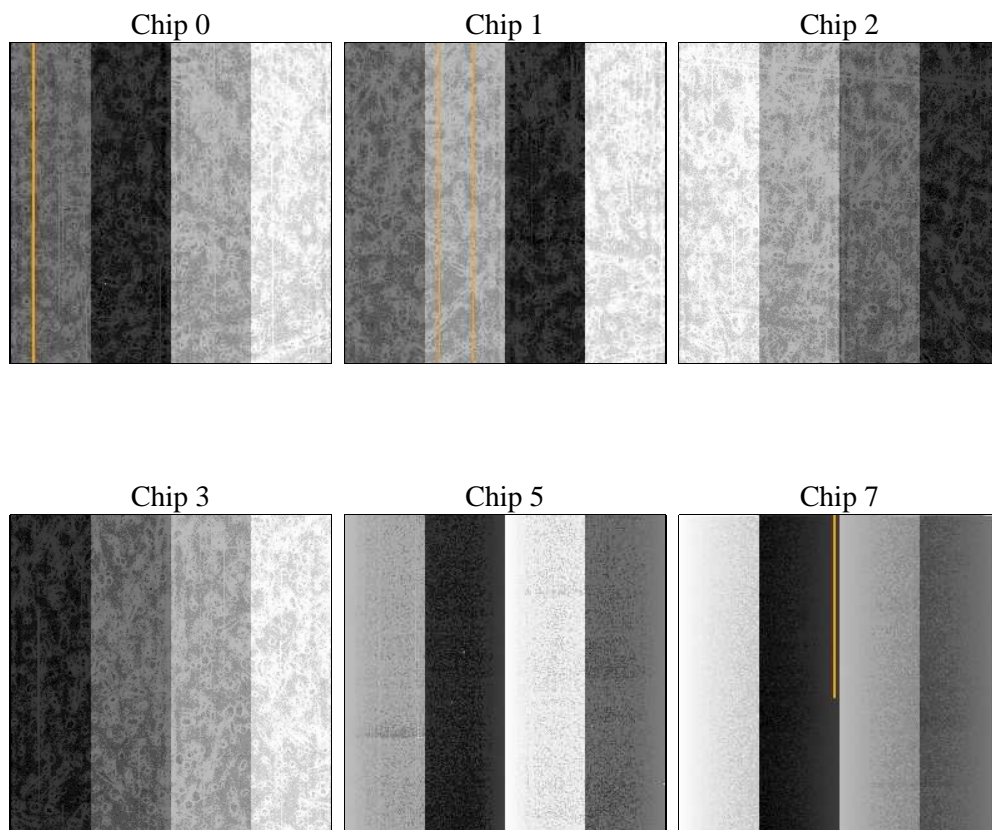
2 OBI

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	3278.6706353426	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3278.6295953393	Sum of GTIs [s]
date	2012-06-22T17:58:19	Date and time of file creation	ontime1	3278.588555336	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3278.5475153327	Sum of GTIs [s]
			ontime3	3278.7116753459	Sum of GTIs [s]
			ontime5	3278.5064753294	Sum of GTIs [s]
			ontime7	3278.6706353426	Sum of GTIs [s]
			l1events	348273	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	52098	52904	52034	53484	70533	67220	grade 0 events	13798	14486	13953	14518	7208	7395
rejected events	26138	24832	26225	27006	27789	26954		26%	27%	26%	27%	10%	11%
rejected %	50%	46%	50%	50%	39%	40%	grade 1 events	100	75	111	118	404	52
								0%	0%	0%	0%	0%	0%
							grade 2 events	4717	5931	4416	4536	14801	8665
								9%	11%	8%	8%	20%	12%
							grade 3 events	1768	1761	1815	1829	1885	3686
								3%	3%	3%	3%	2%	5%
							grade 4 events	1726	1712	1783	1739	1745	3622
								3%	3%	3%	3%	2%	5%
							grade 5 events	1532	1608	1543	1764	3489	4271
								2%	3%	2%	3%	4%	6%
							grade 6 events	3951	4182	3842	3856	17105	16898
								7%	7%	7%	7%	24%	25%
							grade 7 events	24506	23149	24571	25124	23896	22631
								47%	43%	47%	46%	33%	33%

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	184.9685961847475	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	24.99666243974453	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	153.7785164283501	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	384965103.567046	384965102.54203			
Observation start date	2010-03-14T14:45:04	2010-03-14T14:45:02			
[s] Observation end time (MET)	384969968.217293	384969967.19228			
Observation end date	2010-03-14T16:06:08	2010-03-14T16:06:07			
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2786706353426

A.2 Comments