

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56340 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 24 2012

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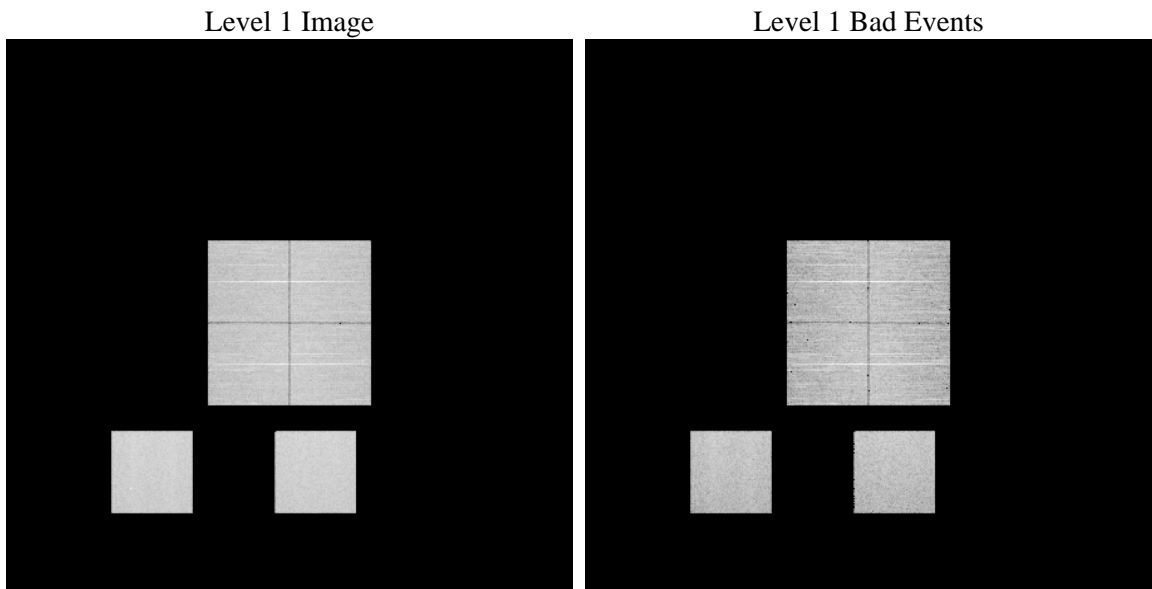
1 Front

seq_num	 	Sequence number
obs_id	56340	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	195.03083397554	Nominal RA [deg]
dec_nom	-31.988114628952	Nominal Dec [deg]
roll_nom	351.65026209152	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8396.7999687791	Sum of GTIs [s]
livetime	8290.4746316285	Livetime [s]
ontime0	8396.7999687791	Sum of GTIs [s]
ontime1	8393.5589684248	Sum of GTIs [s]
ontime2	8396.7999687791	Sum of GTIs [s]
ontime3	8396.7999687791	Sum of GTIs [s]
ontime5	8396.7999687791	Sum of GTIs [s]
ontime7	8396.7999687791	Sum of GTIs [s]
l2events	438045	Number of level 2 events

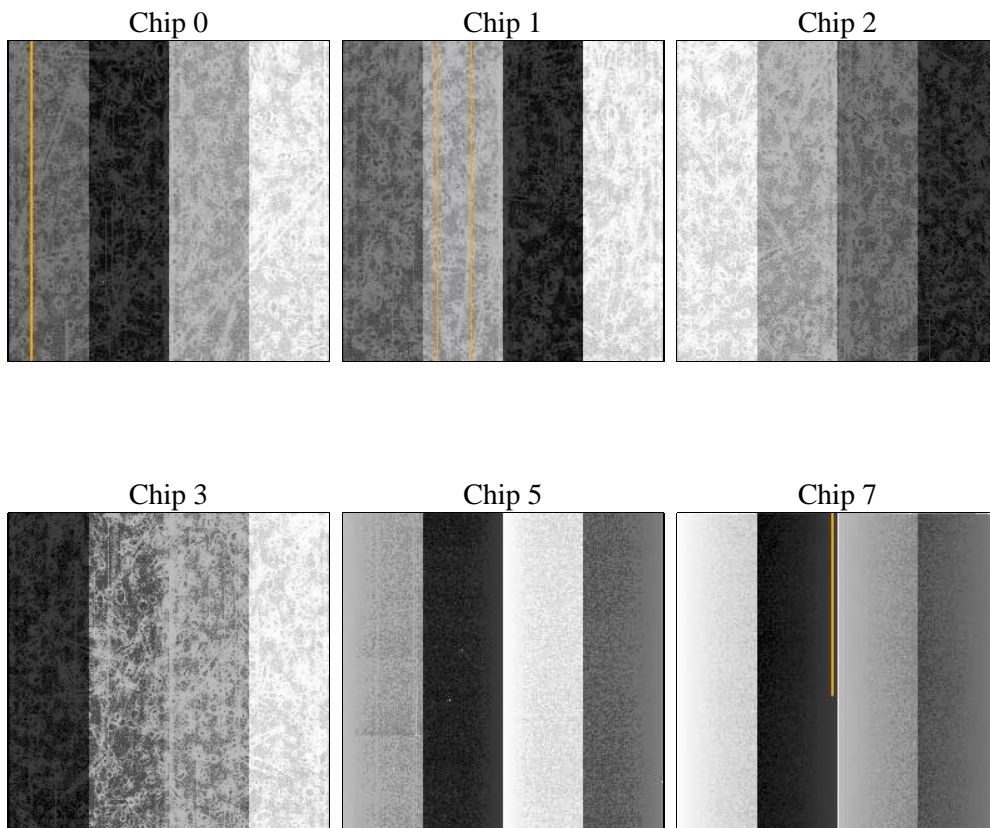
2 OBI

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	8396.7999687791	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8396.7999687791	Sum of GTIs [s]
date	2012-06-24T08:25:33	Date and time of file creation	ontime1	8393.5589684248	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	8396.7999687791	Sum of GTIs [s]
			ontime3	8396.7999687791	Sum of GTIs [s]
			ontime5	8396.7999687791	Sum of GTIs [s]
			ontime7	8396.7999687791	Sum of GTIs [s]
			l1events	877016	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	130207	134007	134353	138792	170471	169186	grade 0 events	34511	33343	35247	35966	10537	17001
rejected events	65528	68397	69823	73214	71280	69577		26%	24%	26%	25%	6%	10%
rejected %	50%	51%	51%	52%	41%	41%	grade 1 events	226	173	251	252	216	125
								0%	0%	0%	0%	0%	0%
							grade 2 events	11910	13417	11070	11418	37568	22030
								9%	10%	8%	8%	22%	13%
							grade 3 events	4389	4326	4500	4424	3779	8772
								3%	3%	3%	3%	2%	5%
							grade 4 events	4265	4356	4350	4585	3577	8716
								3%	3%	3%	3%	2%	5%
							grade 5 events	3925	3890	3676	4125	8140	10305
								3%	2%	2%	2%	4%	6%
							grade 6 events	10096	10675	9844	9652	44460	43847
								7%	7%	7%	6%	26%	25%
							grade 7 events	60885	63827	65415	68370	62194	58390
								46%	47%	48%	49%	36%	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	195.0308339755368	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-31.98811462895168	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	351.6502620915188	[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)	387286765.584943	387286764.55994			
Observation start date	2010-04-10T11:39:26	2010-04-10T11:39:24			
[s] Observation end time (MET)	387296945.88546	387296944.86046			
Observation end date	2010-04-10T14:29:06	2010-04-10T14:29:04			
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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3967999687791

A.2 Comments