

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57057 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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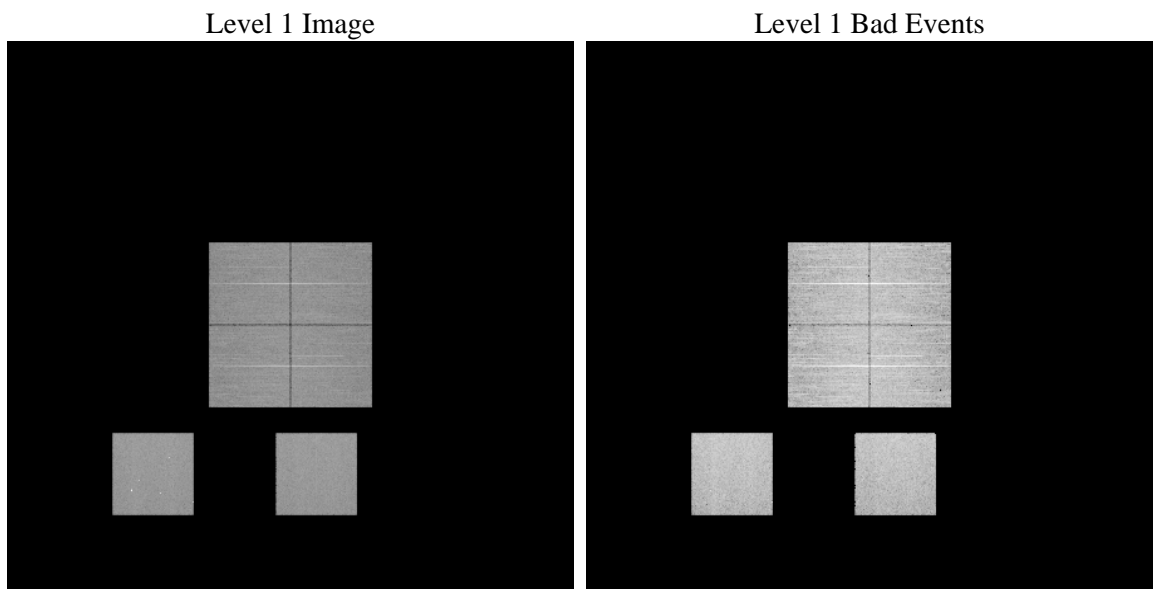
1 Front

seq_num	 	Sequence number
obs_id	57057	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	111.49183157391	Nominal RA [deg]
dec_nom	-18.827668889297	Nominal Dec [deg]
roll_nom	221.53562332989	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8409.4582169652	Sum of GTIs [s]
livetime	8302.9725934542	Livetime [s]
ontime0	8409.4171769619	Sum of GTIs [s]
ontime1	8409.3761369586	Sum of GTIs [s]
ontime2	8409.3350969553	Sum of GTIs [s]
ontime3	8409.4992569685	Sum of GTIs [s]
ontime5	8409.294056952	Sum of GTIs [s]
ontime7	8409.4582169652	Sum of GTIs [s]
l2events	526659	Number of level 2 events

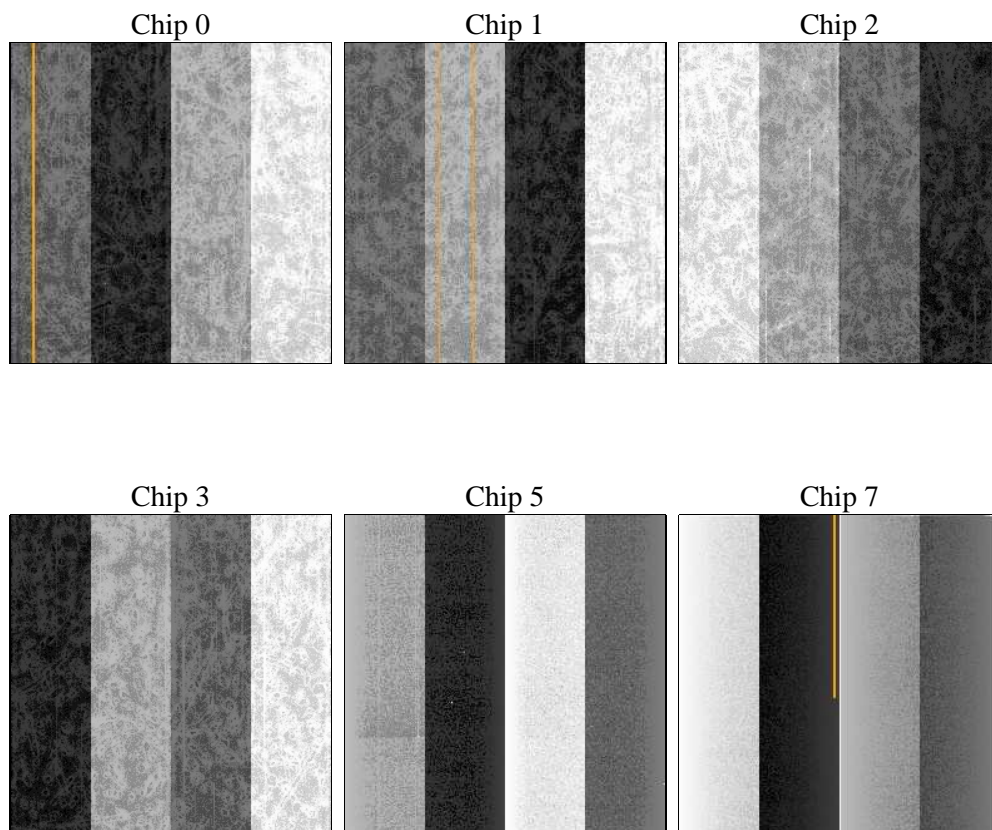
2 OBI

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	8409.4582169652	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8409.4171769619	Sum of GTIs [s]
date	2012-06-08T19:51:14	Date and time of file creation	ontime1	8409.3761369586	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8409.3350969553	Sum of GTIs [s]
			ontime3	8409.4992569685	Sum of GTIs [s]
			ontime5	8409.294056952	Sum of GTIs [s]
			ontime7	8409.4582169652	Sum of GTIs [s]
			l1events	1017653	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	155162	153261	162008	160087	194997	192138	grade 0 events	42332	41884	43592	43871	17307	21740
rejected events	76130	73762	82355	80029	76291	73880		27%	27%	26%	27%	8%	11%
rejected %	49%	48%	50%	49%	39%	38%	grade 1 events	334	238	386	349	320	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	14301	15303	13788	14122	43314	25840
								9%	9%	8%	8%	22%	13%
							grade 3 events	5409	5170	5582	5401	4975	10957
								3%	3%	3%	3%	2%	5%
							grade 4 events	5303	5158	5368	5428	4849	10554
								3%	3%	3%	3%	2%	5%
							grade 5 events	4119	4414	3999	4675	9787	11700
								2%	2%	2%	2%	5%	6%
							grade 6 events	12106	12420	11754	11660	48914	49807
								7%	8%	7%	7%	25%	25%
							grade 7 events	71258	68674	77539	74581	65531	61373
								45%	44%	47%	46%	33%	31%

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	111.4918315739113	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-18.82766888929707	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	221.5356233298885	[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)	360782441.349703	360782440.32468			
Observation start date	2009-06-07T17:20:41	2009-06-07T17:20:40			
[s] Observation end time (MET)	360793130.050237	360793129.02522			
Observation end date	2009-06-07T20:18:50	2009-06-07T20:18:49			
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)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4094582169652

A.2 Comments