

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57036 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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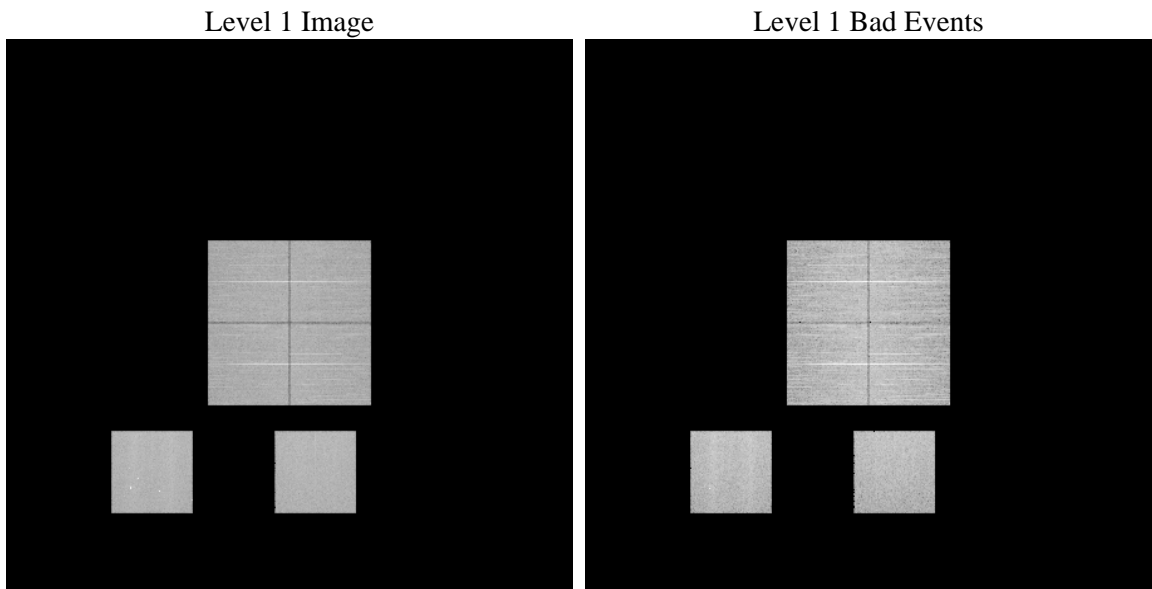
1 Front

seq_num	 	Sequence number
obs_id	57036	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	215.00065779052	Nominal RA [deg]
dec_nom	54.962023189084	Nominal Dec [deg]
roll_nom	223.99408644467	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8447.1631951332	Sum of GTIs [s]
livetime	8340.2001284854	Livetime [s]
ontime0	8447.1221551299	Sum of GTIs [s]
ontime1	8447.0811151266	Sum of GTIs [s]
ontime2	8447.0400751233	Sum of GTIs [s]
ontime3	8443.9632647634	Sum of GTIs [s]
ontime5	8446.99903512	Sum of GTIs [s]
ontime7	8447.1631951332	Sum of GTIs [s]
l2events	516611	Number of level 2 events

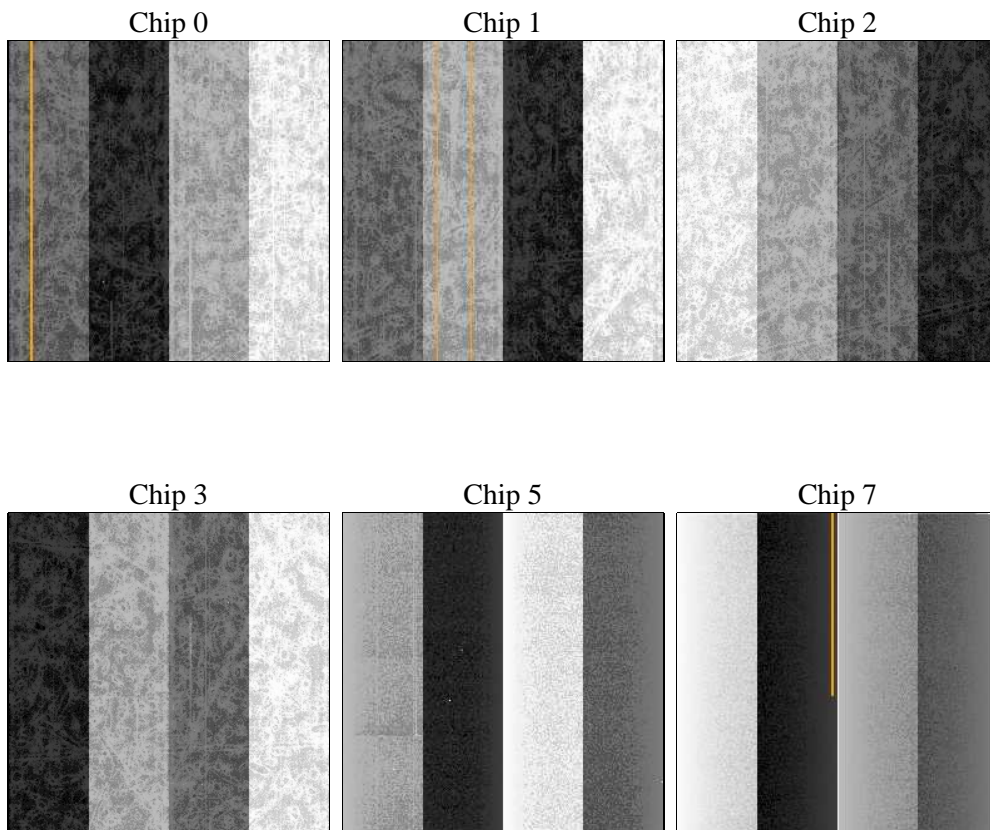
2 OBI

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	8447.1631951332	Sum of GTIs [s]
caldbver	4.4.10	 	ontime0	8447.1221551299	Sum of GTIs [s]
date	2012-06-08T22:06:28	Date and time of file creation	ontime1	8447.0811151266	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8447.0400751233	Sum of GTIs [s]
			ontime3	8443.9632647634	Sum of GTIs [s]
			ontime5	8446.99903512	Sum of GTIs [s]
			ontime7	8447.1631951332	Sum of GTIs [s]
			l1events	1024173	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	155881	155374	160678	164114	197201	190925	grade 0 events	40852	38515	42245	42506	13327	19877
rejected events	78688	77892	83801	86357	79425	74861		26%	24%	26%	25%	6%	10%
rejected %	50%	50%	52%	52%	40%	39%	grade 1 events	271	193	323	363	273	159
								0%	0%	0%	0%	0%	0%
							grade 2 events	14408	16661	12885	13301	44698	25691
								9%	10%	8%	8%	22%	13%
							grade 3 events	5149	4805	5232	5325	4266	10058
								3%	3%	3%	3%	2%	5%
							grade 4 events	5008	4847	5213	5204	4176	9844
								3%	3%	3%	3%	2%	5%
							grade 5 events	3944	4072	3813	4518	9051	11058
								2%	2%	2%	2%	4%	5%
							grade 6 events	11806	12691	11326	11454	51349	50630
								7%	8%	7%	6%	26%	26%
							grade 7 events	74443	73590	79641	81443	70061	63608
								47%	47%	49%	49%	35%	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	215.0006577905191	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	54.96202318908421	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	223.9940864446661	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	361465550.583793	361465549.55879			
Observation start date	2009-06-15T15:05:51	2009-06-15T15:05:49			
[s] Observation end time (MET)	361478723.884451	361478722.85945			
Observation end date	2009-06-15T18:45:24	2009-06-15T18:45:22			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4471631951332

A.2 Comments