

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56550 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 19 2012

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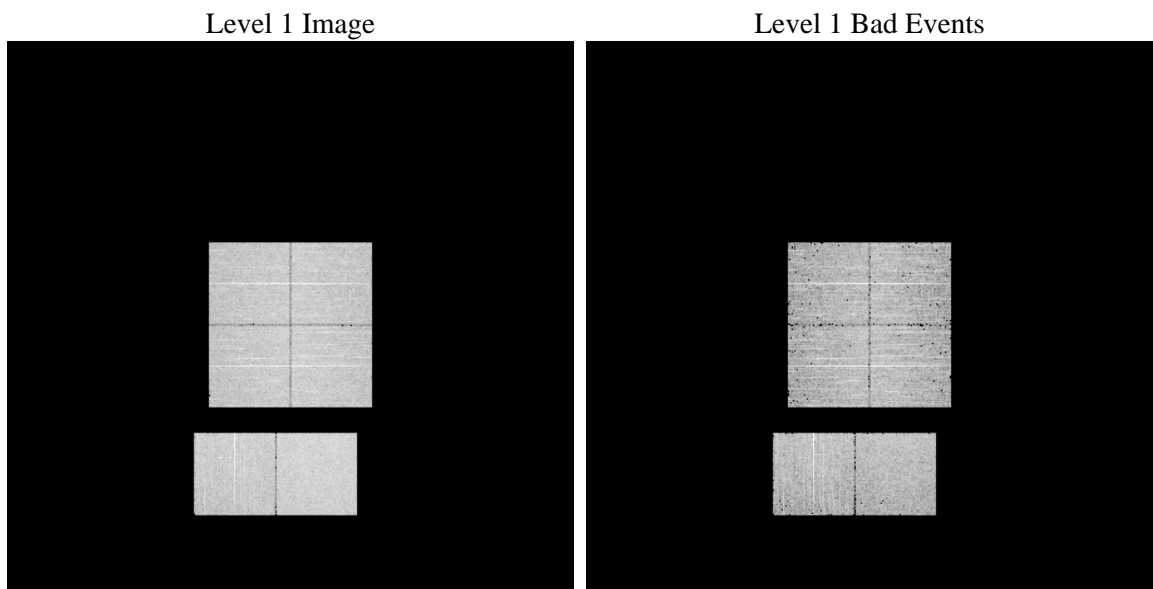
1 Front

seq_num	 	Sequence number
obs_id	56550	Observation id
title	ACIS-012367 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	99.527255261557	Nominal RA [deg]
dec_nom	-0.98782377567683	Nominal Dec [deg]
roll_nom	352.01932762156	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4380.7348453403	Sum of GTIs [s]
livetime	4325.2633429667	Livetime [s]
ontime0	4380.693805337	Sum of GTIs [s]
ontime1	4377.4117549658	Sum of GTIs [s]
ontime2	4380.6117253304	Sum of GTIs [s]
ontime3	4377.5348749757	Sum of GTIs [s]
ontime6	4380.5706853271	Sum of GTIs [s]
ontime7	4380.7348453403	Sum of GTIs [s]
l2events	227016	Number of level 2 events

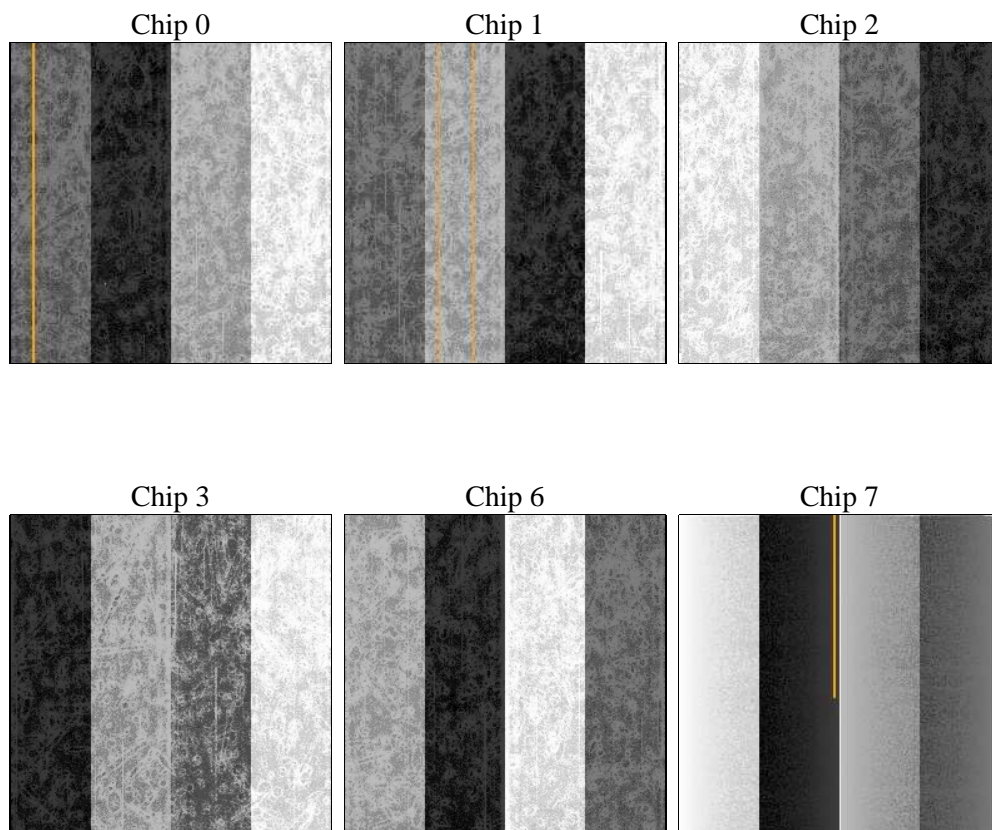
2 OBI

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	4380.7348453403	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	4380.693805337	Sum of GTIs [s]
date	2012-06-19T07:45:26	Date and time of file creation	ontime1	4377.4117549658	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4380.6117253304	Sum of GTIs [s]
			ontime3	4377.5348749757	Sum of GTIs [s]
			ontime6	4380.5706853271	Sum of GTIs [s]
			ontime7	4380.7348453403	Sum of GTIs [s]
			l1events	478813	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	72675	75099	76056	78961	80341	95681	grade 0 events	19318	18889	19635	19938	19349	9855
rejected events	36280	38451	40000	42232	42946	38711		26%	25%	25%	25%	24%	10%
rejected %	49%	51%	52%	53%	53%	40%	grade 1 events	158	125	174	157	131	93
								0%	0%	0%	0%	0%	0%
							grade 2 events	6622	7046	6037	6435	6790	12413
								9%	9%	7%	8%	8%	12%
							grade 3 events	2553	2408	2542	2483	2463	5148
								3%	3%	3%	3%	3%	5%
							grade 4 events	2426	2503	2537	2591	2409	5036
								3%	3%	3%	3%	2%	5%
							grade 5 events	2154	2177	2072	2434	2374	5957
								2%	2%	2%	3%	2%	6%
							grade 6 events	5476	5802	5305	5282	6384	24518
								7%	7%	6%	6%	7%	25%
							grade 7 events	33968	36149	37754	39641	40441	32661
								46%	48%	49%	50%	50%	34%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	99.52725526155739	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-0.987823775676829	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	352.019327621559	[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)	378833159.656372	378833158.63138			
Observation start date	2010-01-02T15:26:00	2010-01-02T15:25:58			
[s] Observation end time (MET)	378840303.906733	378840302.88174			
Observation end date	2010-01-02T17:25:04	2010-01-02T17:25:02			
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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.3807348453403

A.2 Comments