

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54577 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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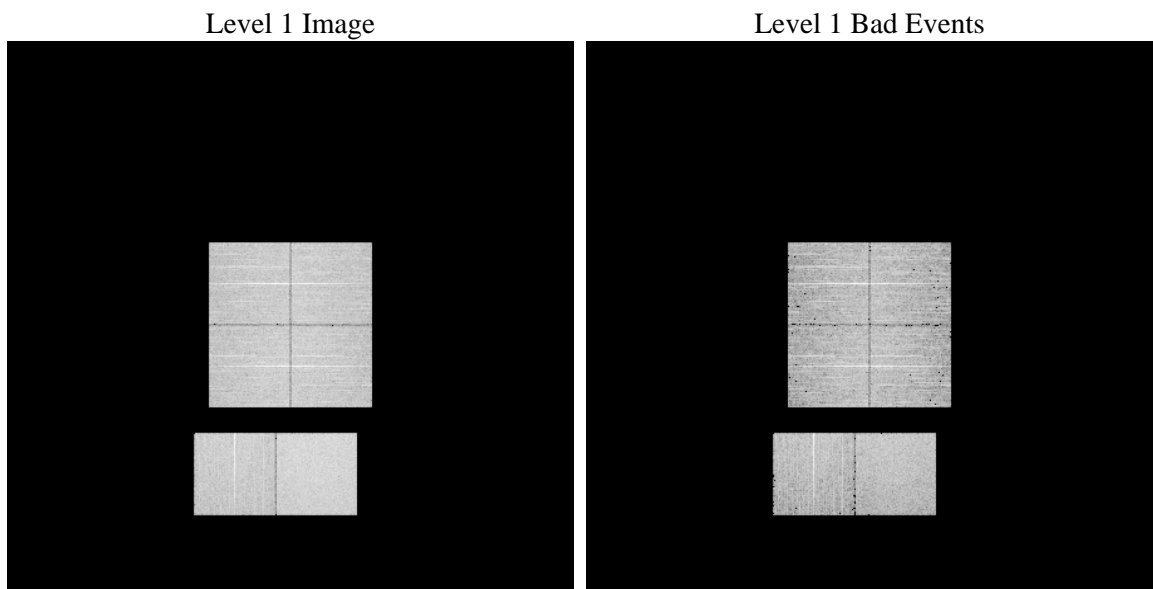
1 Front

seq_num	 	Sequence number
obs_id	54577	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	278.96998360354	Nominal RA [deg]
dec_nom	-15.981334840442	Nominal Dec [deg]
roll_nom	106.97221740449	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8289.7377043366	Sum of GTIs [s]
livetime	8184.7680540436	Livetime [s]
ontime0	8289.6966643333	Sum of GTIs [s]
ontime1	8289.65562433	Sum of GTIs [s]
ontime2	8289.6145843267	Sum of GTIs [s]
ontime3	8289.7787443399	Sum of GTIs [s]
ontime6	8289.5735443234	Sum of GTIs [s]
ontime7	8289.7377043366	Sum of GTIs [s]
l2events	249293	Number of level 2 events

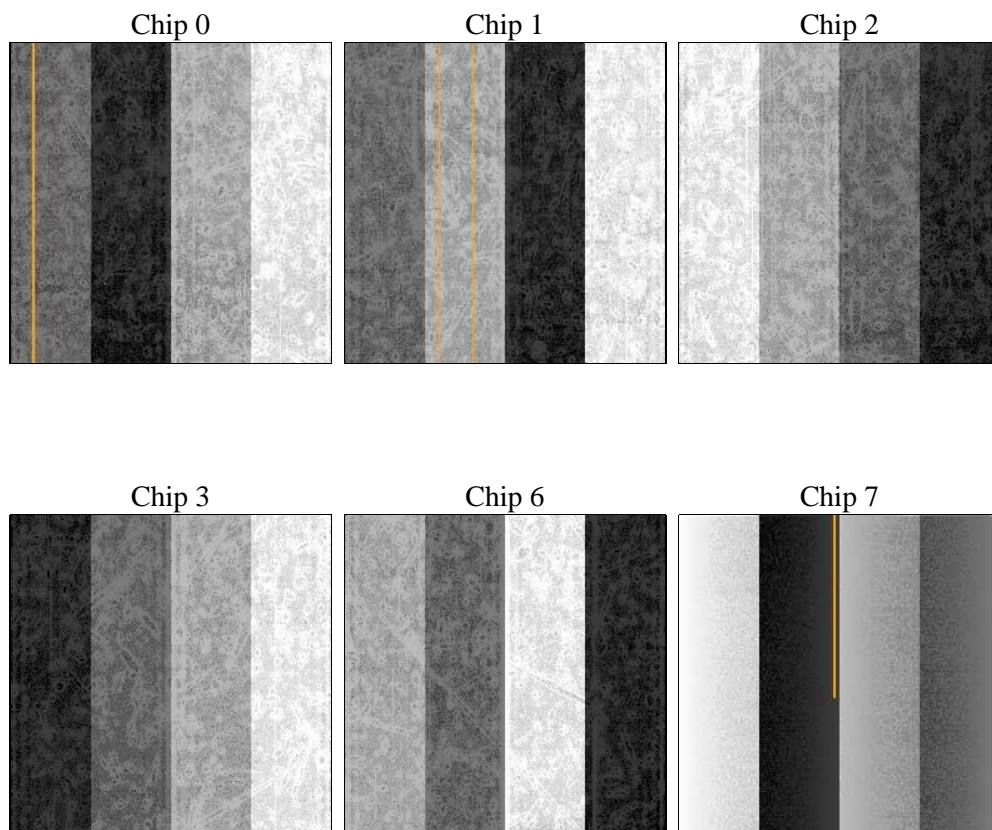
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8289.7377043366	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	8289.6966643333	Sum of GTIs [s]
date	2012-06-04T23:32:38	Date and time of file creation	ontime1	8289.65562433	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8289.6145843267	Sum of GTIs [s]
			ontime3	8289.7787443399	Sum of GTIs [s]
			ontime6	8289.5735443234	Sum of GTIs [s]
			ontime7	8289.7377043366	Sum of GTIs [s]
			l1events	564980	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	87065	87927	89688	89870	91517	118913	grade 0 events	20274	20015	21231	21295	20484	10159
rejected events	47908	47868	50004	50218	50737	54154		23%	22%	23%	23%	22%	8%
rejected %	55%	54%	55%	55%	55%	45%	grade 1 events	87	110	113	134	97	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	7427	8190	6985	6800	7798	14378
								8%	9%	7%	7%	8%	12%
							grade 3 events	2762	2665	2752	2650	2726	5393
								3%	3%	3%	2%	2%	4%
							grade 4 events	2686	2598	2748	2886	2602	5286
								3%	2%	3%	3%	2%	4%
							grade 5 events	3016	3028	2923	3335	3275	7867
								3%	3%	3%	3%	3%	6%
							grade 6 events	6008	6591	5968	6021	7170	29543
								6%	7%	6%	6%	7%	24%
							grade 7 events	44805	44730	46968	46749	47365	46199
								51%	50%	52%	52%	51%	38%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	278.9699836035449
[deg] Pointing Dec	0	-15.98133484044201
[deg] Pointing Roll	0.0	106.9722174044934
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	454909194.98894	454909193.96394
Observation start date	2012-06-01T03:39:55	2012-06-01T03:39:53
[s] Observation end time (MET)	454921972.639621	454921971.61462
Observation end date	2012-06-01T07:12:53	2012-06-01T07:12:51
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2897377043366

A.2 Comments