

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55798 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 8 2012

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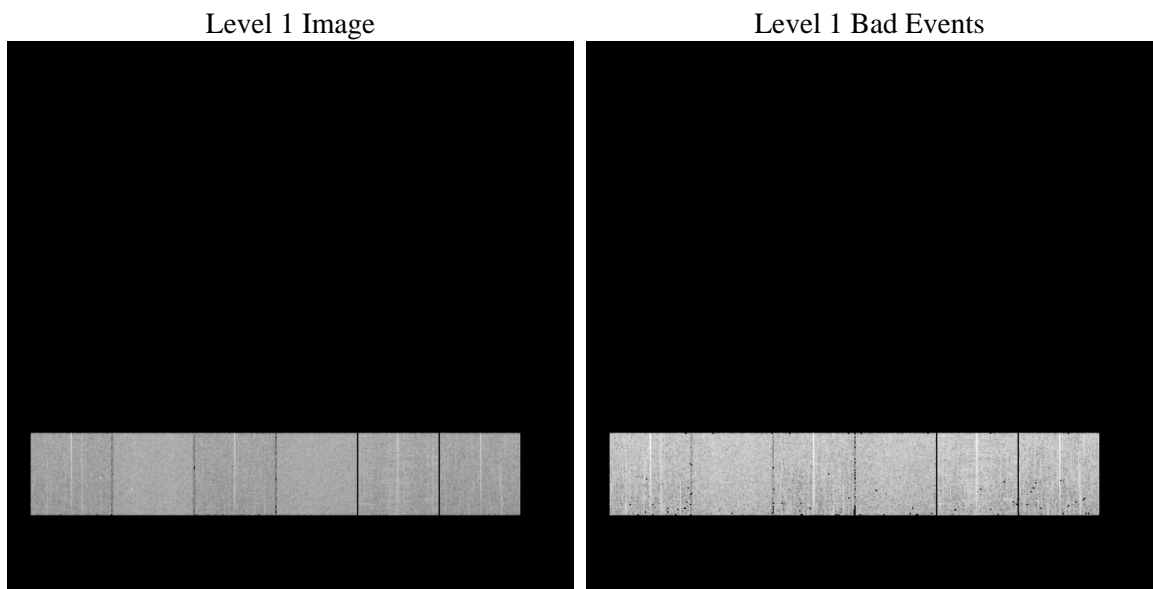
1 Front

seq_num	 	Sequence number
obs_id	55798	Observation id
title	ACIS-456789 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	89.720756576511	Nominal RA [deg]
dec_nom	-0.28010362171391	Nominal Dec [deg]
roll_nom	10.803990483627	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5769.0243378282	Sum of GTIs [s]
livetime	5695.9734779732	Livetime [s]
ontime4	5771.4983320832	Sum of GTIs [s]
ontime5	5769.0243378282	Sum of GTIs [s]
ontime6	5771.5393720865	Sum of GTIs [s]
ontime7	5769.0243378282	Sum of GTIs [s]
ontime8	5771.4572920799	Sum of GTIs [s]
ontime9	5769.0243379474	Sum of GTIs [s]
l2events	262557	Number of level 2 events

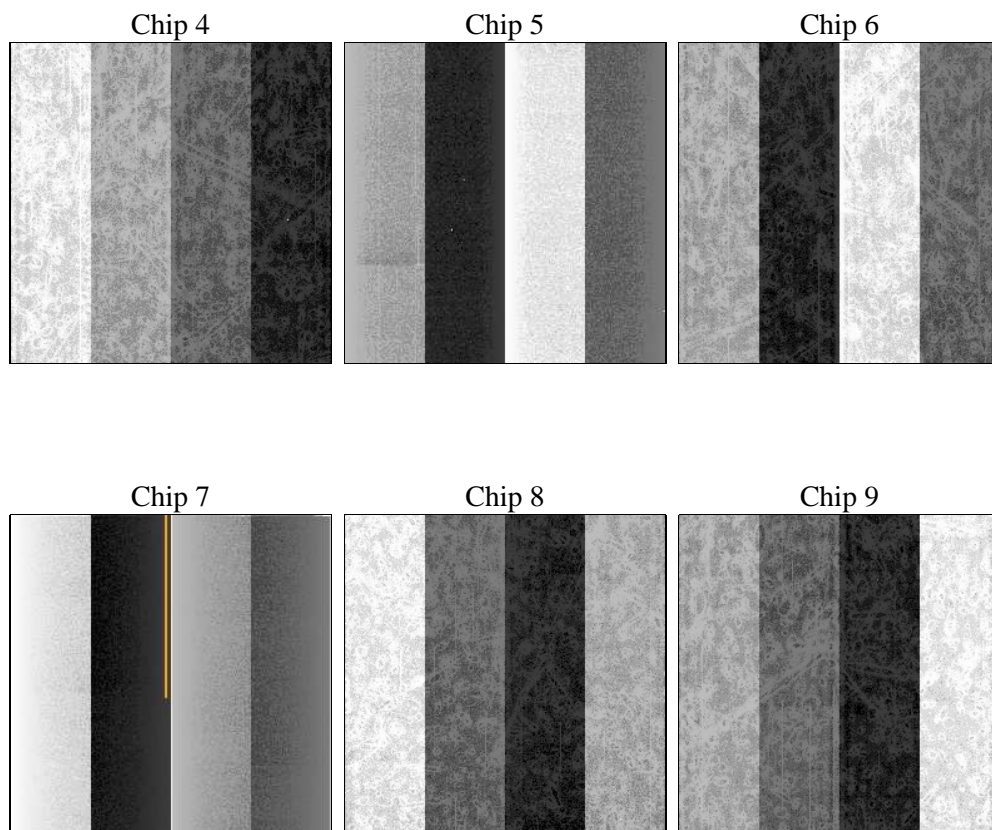
2 OBI

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	5769.0243378282	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	5771.4983320832	Sum of GTIs [s]
date	2012-07-08T08:39:56	Date and time of file creation	ontime5	5769.0243378282	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5771.5393720865	Sum of GTIs [s]
			ontime7	5769.0243378282	Sum of GTIs [s]
			ontime8	5771.4572920799	Sum of GTIs [s]
			ontime9	5769.0243379474	Sum of GTIs [s]
			l1events	557306	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	83546	106948	82509	103138	98295	82870	grade 0 events	21602	6918	20369	10304	23210	20077
rejected events	45702	45755	42862	42684	49811	44333		25%	6%	24%	9%	23%	24%
rejected %	54%	42%	51%	41%	50%	53%	grade 1 events	204	111	114	100	152	131
								0%	0%	0%	0%	0%	0%
							grade 2 events	5929	22332	7346	13096	9396	6652
								7%	20%	8%	12%	9%	8%
							grade 3 events	2734	2588	2629	5382	3651	2714
								3%	2%	3%	5%	3%	3%
							grade 4 events	2649	2300	2551	5296	3539	2639
								3%	2%	3%	5%	3%	3%
							grade 5 events	2638	5615	2735	6596	3610	3030
								3%	5%	3%	6%	3%	3%
							grade 6 events	4930	27055	6752	26376	8688	6455
								5%	25%	8%	25%	8%	7%
							grade 7 events	42860	40029	40013	35988	46049	41172
								51%	37%	48%	34%	46%	49%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	89.72075657651052
[deg] Pointing Dec	0	-0.2801036217139065
[deg] Pointing Roll	0.0	10.80399048362721
[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)	408989706.696201	408989705.6712
Observation start date	2010-12-17T16:15:07	2010-12-17T16:15:05
[s] Observation end time (MET)	408997377.796597	408997376.7716
Observation end date	2010-12-17T18:22:58	2010-12-17T18:22:56
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.7690243378282

A.2 Comments