

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58890 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 4 2012

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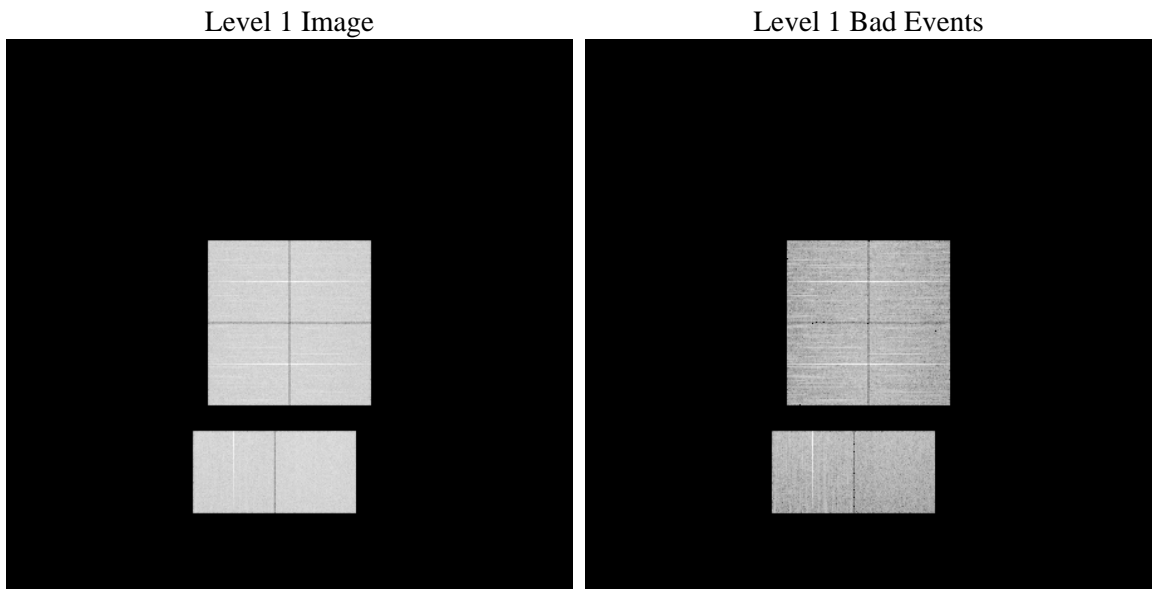
1 Front

seq_num	 	Sequence number
obs_id	58890	Observation id
title	ACIS-012367 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	49.977041205868	Nominal RA [deg]
dec_nom	13.017823779396	Nominal Dec [deg]
roll_nom	108.63048111954	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8270.5060532093	Sum of GTIs [s]
livetime	8165.7799256627	Livetime [s]
ontime0	8270.5470733047	Sum of GTIs [s]
ontime1	8271.999969244	Sum of GTIs [s]
ontime2	8271.999969244	Sum of GTIs [s]
ontime3	8270.4649932981	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8270.5060532093	Sum of GTIs [s]
l2events	898970	Number of level 2 events

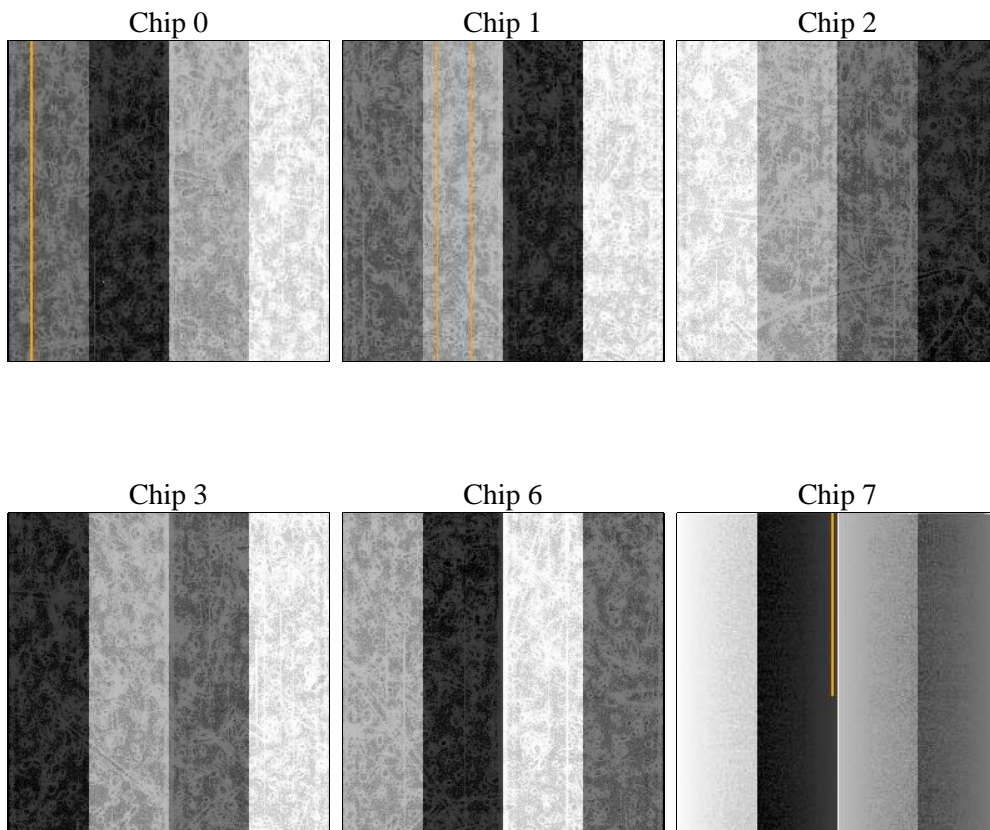
2 OBI

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	8.4.3.1	Processing system revision	ontime	8270.5060532093	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	8270.5470733047	Sum of GTIs [s]
date	2012-04-04T23:06:04	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.999969244	Sum of GTIs [s]
			ontime3	8270.4649932981	Sum of GTIs [s]
			ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8270.5060532093	Sum of GTIs [s]
			l1events	1362600	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	220247	219479	228848	222722	228911	242393	grade 0 events	82704	80960	85695	84946	84185	39857
rejected events	69060	67926	76479	70206	71344	60333		37%	36%	37%	38%	36%	16%
rejected %	31%	30%	33%	31%	31%	24%	grade 1 events	552	476	602	602	453	179
								0%	0%	0%	0%	0%	0%
							grade 2 events	26187	27895	24948	25612	28095	39724
								11%	12%	10%	11%	12%	16%
							grade 3 events	9927	9736	9938	10172	9715	17350
								4%	4%	4%	4%	4%	7%
							grade 4 events	9851	9750	10123	10120	9769	17348
								4%	4%	4%	4%	4%	7%
							grade 5 events	3645	3925	3678	4090	3980	9990
								1%	1%	1%	1%	1%	4%
							grade 6 events	22518	23274	21729	21666	25876	67781
								10%	10%	9%	9%	11%	27%
							grade 7 events	64863	63463	72135	65514	66838	50164
								29%	28%	31%	29%	29%	20%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	49.97704120586816	Alternating exposures requested	N	N
[deg] Pointing Dec	0	13.01782377939595	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	108.6304811195352			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	268706191.534988	268706190.50999			
Observation start date	2006-07-08T00:36:32	2006-07-08T00:36:30			
[s] Observation end time (MET)	268728772.286046	268728771.26105			
Observation end date	2006-07-08T06:52:52	2006-07-08T06:52:51			
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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2705060532093

A.2 Comments