

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59987 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 10 2012

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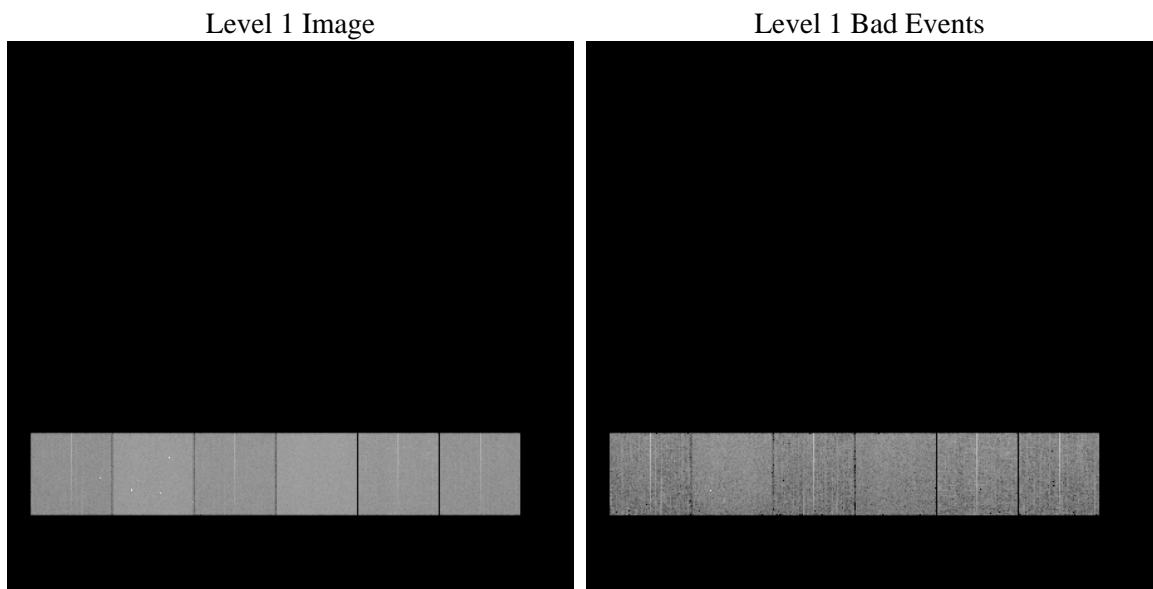
1 Front

seq_num	 	Sequence number
obs_id	59987	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	83.612615721227	Nominal RA [deg]
dec_nom	22.023664481468	Nominal Dec [deg]
roll_nom	91.407899766065	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime4	5390.3496844471	Sum of GTIs [s]
ontime5	7798.3999709487	Sum of GTIs [s]
ontime6	5912.1480480433	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
ontime8	6155.22212708	Sum of GTIs [s]
ontime9	5720.9300914109	Sum of GTIs [s]
l2events	1044293	Number of level 2 events

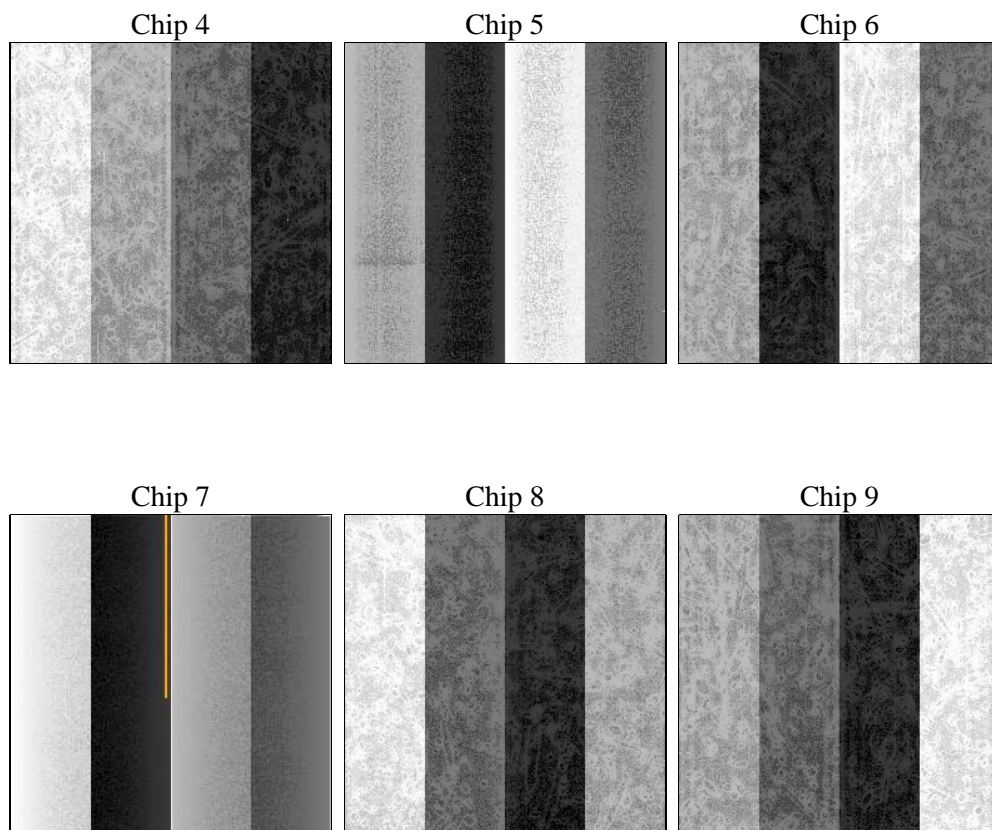
2 OBI

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	8.5	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5390.3496844471	Sum of GTIs [s]
date	2012-12-10T15:44:48	Date and time of file creation	ontime5	7798.3999709487	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5912.1480480433	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			ontime8	6155.22212708	Sum of GTIs [s]
			ontime9	5720.9300914109	Sum of GTIs [s]
			l1events	1412592	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	190904	276387	215740	289944	235446	204171	grade 0 events	83889	48826	91885	57523	98271	86041
rejected events	46331	58632	46136	49891	53794	46884		43%	17%	42%	19%	41%	42%
rejected %	24%	21%	21%	17%	22%	22%	grade 1 events	669	203	518	197	546	580
								0%	0%	0%	0%	0%	0%
							grade 2 events	23047	77631	29407	52856	32012	26960
								12%	28%	13%	18%	13%	13%
							grade 3 events	9642	12594	10767	23811	11905	10174
								5%	4%	4%	8%	5%	4%
							grade 4 events	9730	12562	10569	24058	11859	10221
								5%	4%	4%	8%	5%	5%
							grade 5 events	2587	9134	2925	8883	3809	3116
								1%	3%	1%	3%	1%	1%
							grade 6 events	18348	66233	27061	81915	27713	24008
								9%	23%	12%	28%	11%	11%
							grade 7 events	42992	49204	42608	40701	49331	43071
								22%	17%	19%	14%	20%	21%

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	83.61261572122665
[deg] Pointing Dec	0	22.02366448146767
[deg] Pointing Roll	0.0	91.40789976606531
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	215433911.240237	215433910.21523
Observation start date	2004-10-29T10:45:11	2004-10-29T10:45:10
[s] Observation end time (MET)	215449347.740929	215449346.71593
Observation end date	2004-10-29T15:02:28	2004-10-29T15:02:26
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments