

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60212 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 1 2012

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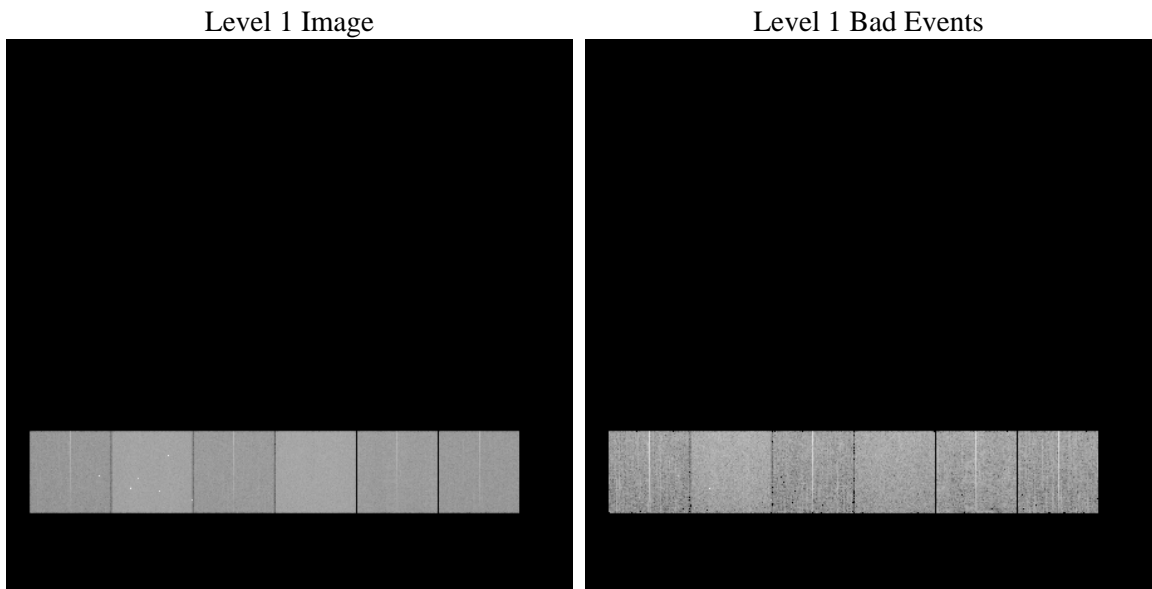
1 Front

seq_num	 	Sequence number
obs_id	60212	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	290.98565725654	Nominal RA [deg]
dec_nom	-35.473867650555	Nominal Dec [deg]
roll_nom	81.184773007896	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8175.9299531877	Sum of GTIs [s]
livetime	8072.4014051665	Livetime [s]
ontime4	5162.948571682	Sum of GTIs [s]
ontime5	8175.8889131844	Sum of GTIs [s]
ontime6	5596.0302661061	Sum of GTIs [s]
ontime7	8175.9299531877	Sum of GTIs [s]
ontime8	5790.4072807431	Sum of GTIs [s]
ontime9	5440.5871599913	Sum of GTIs [s]
l2events	1133669	Number of level 2 events

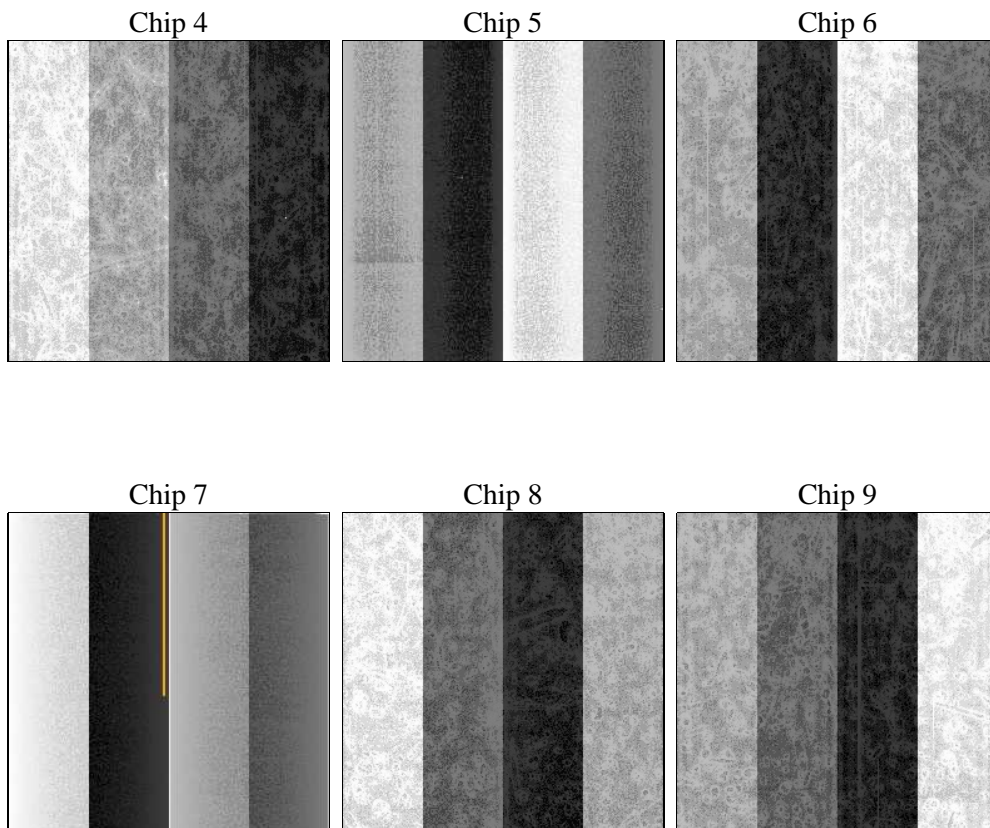
2 OBI

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	8175.9299531877	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	5162.948571682	Sum of GTIs [s]
date	2012-12-02T02:11:08	Date and time of file creation	ontime5	8175.8889131844	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5596.0302661061	Sum of GTIs [s]
			ontime7	8175.9299531877	Sum of GTIs [s]
			ontime8	5790.4072807431	Sum of GTIs [s]
			ontime9	5440.5871599913	Sum of GTIs [s]
			l1events	1499393	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	197060	307977	221024	324156	238276	210900	grade 0 events	90133	56494	97589	66770	103206	92345
rejected events	43328	61343	43633	52924	50308	45119		45%	18%	44%	20%	43%	43%
rejected %	21%	19%	19%	16%	21%	21%	grade 1 events	708	265	541	197	612	578
								0%	0%	0%	0%	0%	0%
							grade 2 events	24719	89789	30944	60682	33408	28790
								12%	29%	14%	18%	14%	13%
							grade 3 events	10400	14703	11012	27424	12321	10645
								5%	4%	4%	8%	5%	5%
							grade 4 events	10385	14599	11406	27411	12529	10594
								5%	4%	5%	8%	5%	5%
							grade 5 events	2532	9569	2759	8952	3427	2955
								1%	3%	1%	2%	1%	1%
							grade 6 events	19491	74174	28419	92409	28905	25065
								9%	24%	12%	28%	12%	11%
							grade 7 events	38692	48384	38354	40311	43868	39928
								19%	15%	17%	12%	18%	18%

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	290.9856572565437
[deg] Pointing Dec	0	-35.47386765055475
[deg] Pointing Roll	0.0	81.18477300789621
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	202450776.862381	202450775.83741
Observation start date	2004-06-01T04:19:37	2004-06-01T04:19:35
[s] Observation end time (MET)	202472086.613321	202472085.58835
Observation end date	2004-06-01T10:14:47	2004-06-01T10:14:45
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	0.000000	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)	2012.12.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1759299531877

A.2 Comments