

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60859 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 22 2012

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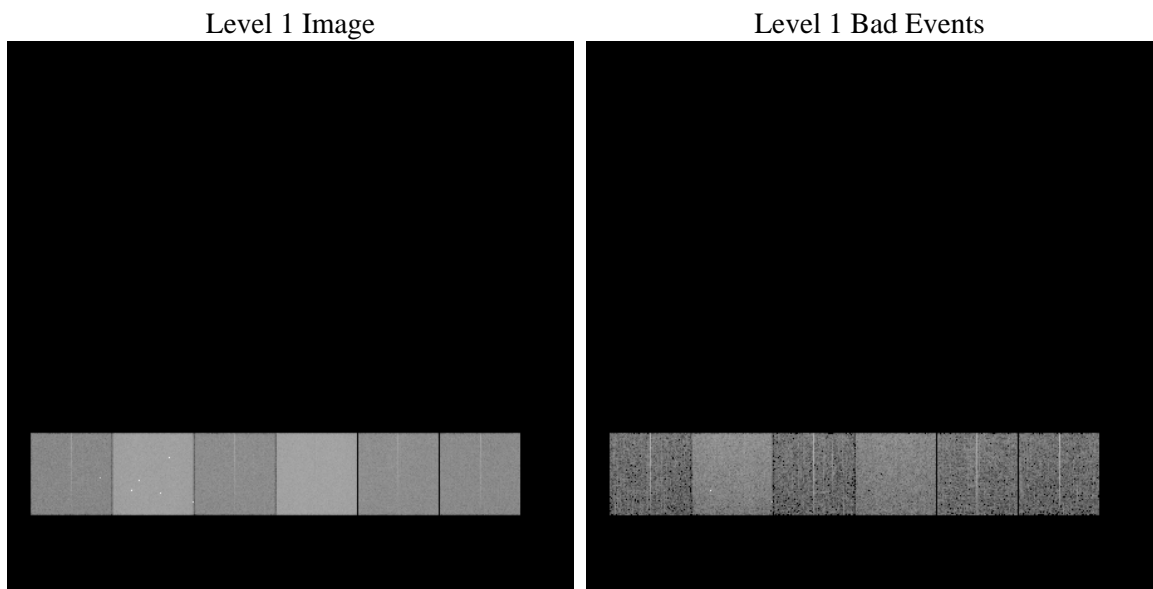
1 Front

seq_num	 	Sequence number
obs_id	60859	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	122.94197268582	Nominal RA [deg]
dec_nom	71.97776349935	Nominal Dec [deg]
roll_nom	198.15300803822	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7791.9999709725	Sum of GTIs [s]
livetime	7693.332975561	Livetime [s]
ontime4	3076.3740965128	Sum of GTIs [s]
ontime5	7791.9999709725	Sum of GTIs [s]
ontime6	3395.2656905353	Sum of GTIs [s]
ontime7	7791.9999709725	Sum of GTIs [s]
ontime8	3505.5413264632	Sum of GTIs [s]
ontime9	3333.5620532334	Sum of GTIs [s]
l2events	1169314	Number of level 2 events

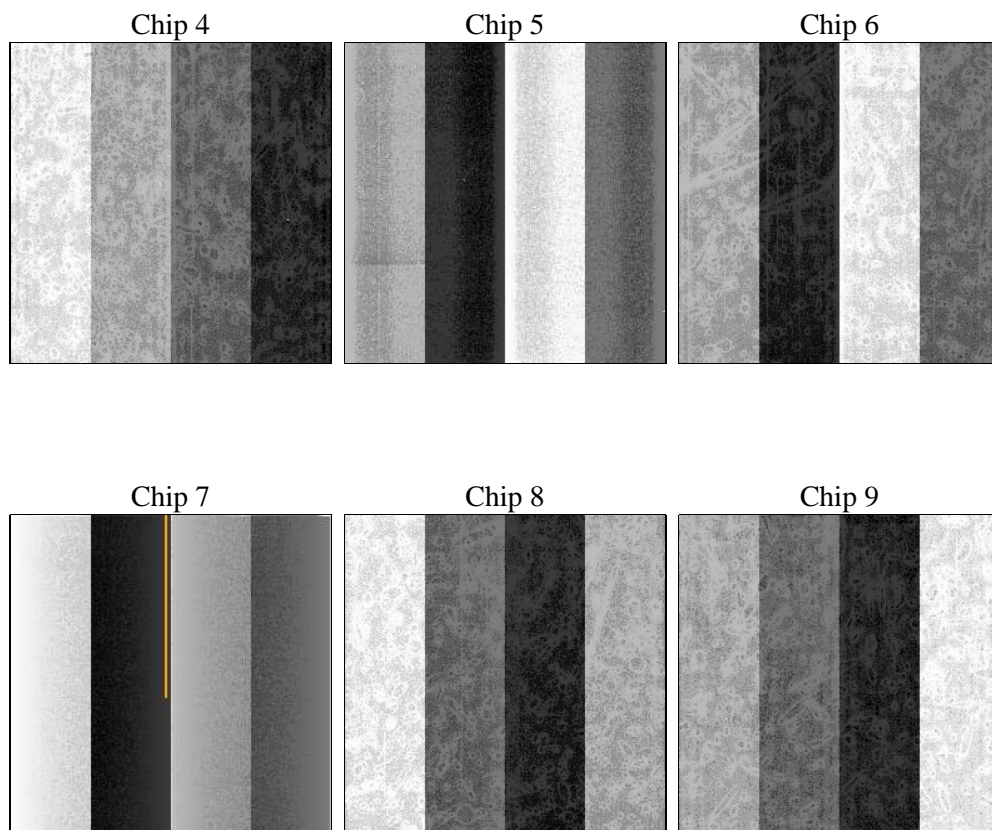
2 OBI

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	7791.9999709725	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3076.3740965128	Sum of GTIs [s]
date	2012-10-22T07:57:55	Date and time of file creation	ontime5	7791.9999709725	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3395.2656905353	Sum of GTIs [s]
			ontime7	7791.9999709725	Sum of GTIs [s]
			ontime8	3505.5413264632	Sum of GTIs [s]
			ontime9	3333.5620532334	Sum of GTIs [s]
			l1events	1424658	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	149165	365245	174606	388978	182956	163708	grade 0 events	73144	78649	81858	87563	85975	77633
rejected events	24065	52680	24557	42088	27141	23404		49%	21%	46%	22%	46%	47%
rejected %	16%	14%	14%	10%	14%	14%	grade 1 events	503	608	424	223	429	471
								0%	0%	0%	0%	0%	0%
							grade 2 events	19615	109745	25984	76598	27169	24189
								13%	30%	14%	19%	14%	14%
							grade 3 events	8289	19396	9244	35079	10016	8665
								5%	5%	5%	9%	5%	5%
							grade 4 events	8239	19257	9361	34773	9801	8976
								5%	5%	5%	8%	5%	5%
							grade 5 events	1569	9195	1806	8060	1963	1867
								1%	2%	1%	2%	1%	1%
							grade 6 events	15813	85518	23602	112877	22854	20841
								10%	23%	13%	29%	12%	12%
							grade 7 events	21993	42877	22327	33805	24749	21066
								14%	11%	12%	8%	13%	12%

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	122.9419726858208
[deg] Pointing Dec	0	71.97776349935012
[deg] Pointing Roll	0.0	198.1530080382213
[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)	160827460.270181	160827459.24546
Observation start date	2003-02-05T10:17:40	2003-02-05T10:17:39
[s] Observation end time (MET)	160837175.220589	160837174.19587
Observation end date	2003-02-05T12:59:35	2003-02-05T12:59:34
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)	2012.11.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999709725

A.2 Comments