

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61152 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 10 2012

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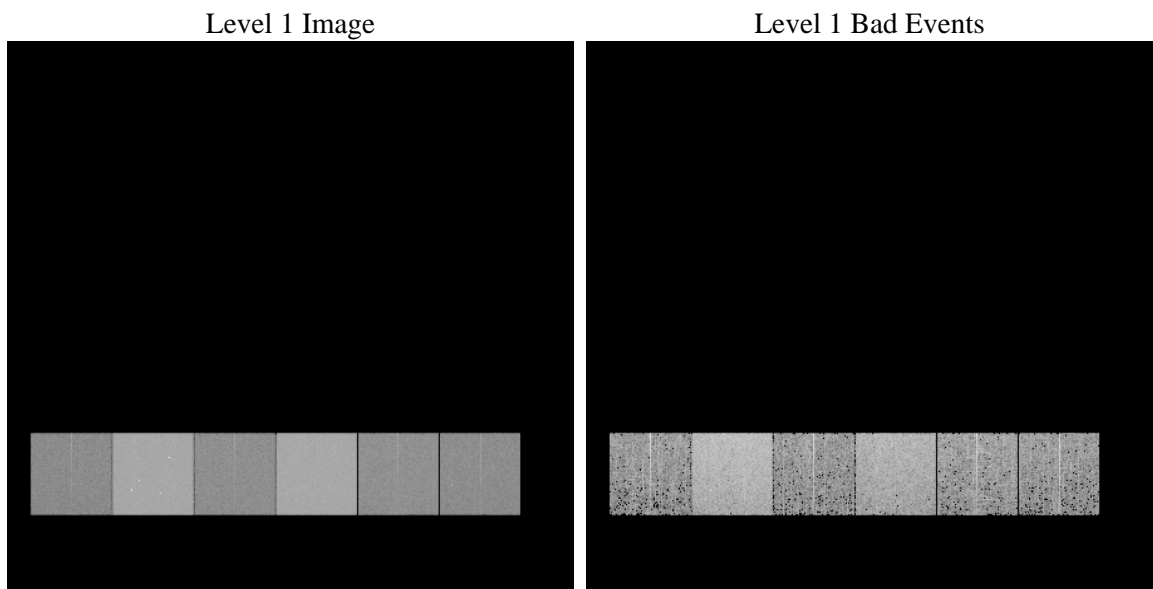
1 Front

seq_num	 	Sequence number
obs_id	61152	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	288.99454206978	Nominal RA [deg]
dec_nom	-29.971785510315	Nominal Dec [deg]
roll_nom	66.693186682315	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7127.6441048682	Sum of GTIs [s]
livetime	7037.3895834603	Livetime [s]
ontime4	2579.3558974266	Sum of GTIs [s]
ontime5	7617.0289465785	Sum of GTIs [s]
ontime6	2762.0395560563	Sum of GTIs [s]
ontime7	7127.6441048682	Sum of GTIs [s]
ontime8	2888.4393885136	Sum of GTIs [s]
ontime9	2695.8689677417	Sum of GTIs [s]
l2events	1211281	Number of level 2 events

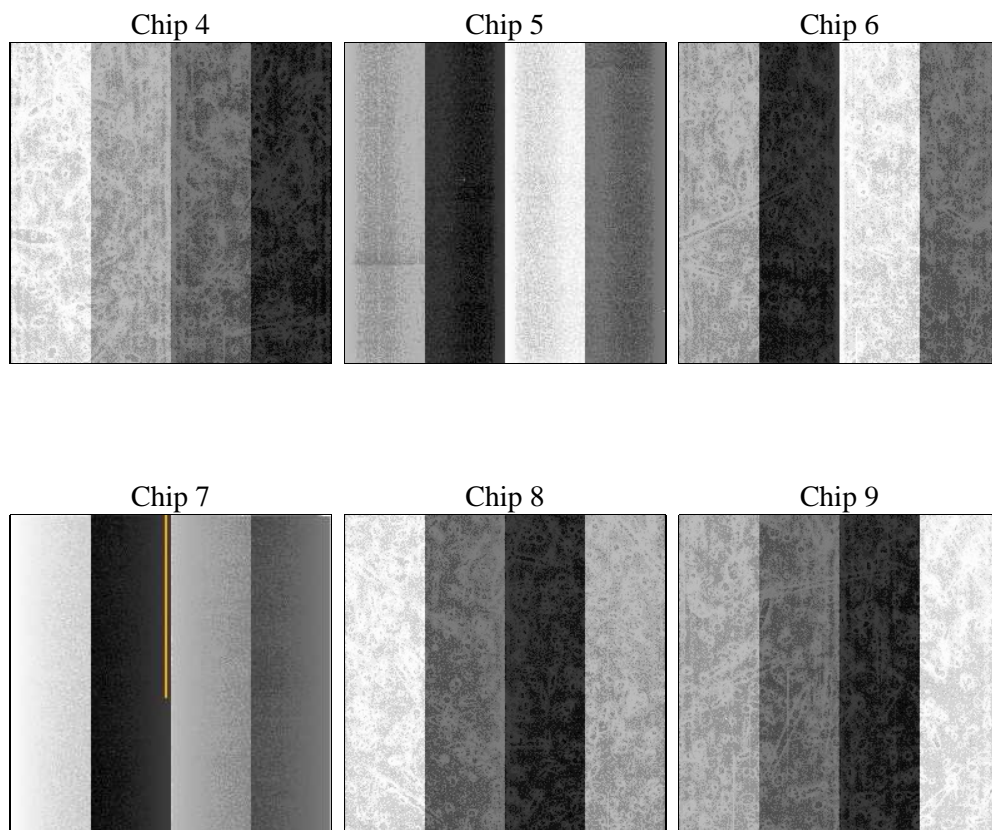
2 OBI

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	7127.6441048682	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2579.3558974266	Sum of GTIs [s]
date	2012-10-10T06:39:12	Date and time of file creation	ontime5	7617.0289465785	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2762.0395560563	Sum of GTIs [s]
			ontime7	7127.6441048682	Sum of GTIs [s]
			ontime8	2888.4393885136	Sum of GTIs [s]
			ontime9	2695.8689677417	Sum of GTIs [s]
			l1events	1446296	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	145151	401843	163493	406855	174703	154251	grade 0 events	70207	89162	78200	93881	82686	73098
rejected events	21090	52149	20538	39178	24633	21140		48%	22%	47%	23%	47%	47%
rejected %	14%	12%	12%	9%	14%	13%	grade 1 events	362	267	400	244	383	375
								0%	0%	0%	0%	0%	0%
							grade 2 events	22027	120755	24788	81876	26456	23531
								15%	30%	15%	20%	15%	15%
							grade 3 events	7569	23125	9026	37233	9384	8302
								5%	5%	5%	9%	5%	5%
							grade 4 events	7535	22633	8661	37686	9499	8300
								5%	5%	5%	9%	5%	5%
							grade 5 events	1291	9516	1538	7597	1760	1506
								0%	2%	0%	1%	1%	0%
							grade 6 events	16723	94163	22415	117166	22207	19880
								11%	23%	13%	28%	12%	12%
							grade 7 events	19437	42222	18465	31172	22328	19259
								13%	10%	11%	7%	12%	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	288.9945420697825
[deg] Pointing Dec	0	-29.9717855103155
[deg] Pointing Roll	0.0	66.69318668231548
[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)	141414240.315051	141414239.29033
Observation start date	2002-06-25T17:44:00	2002-06-25T17:43:59
[s] Observation end time (MET)	141445529.466334	141445528.44162
Observation end date	2002-06-26T02:25:29	2002-06-26T02:25:28
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)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1276441048682

A.2 Comments