

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60753 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2012

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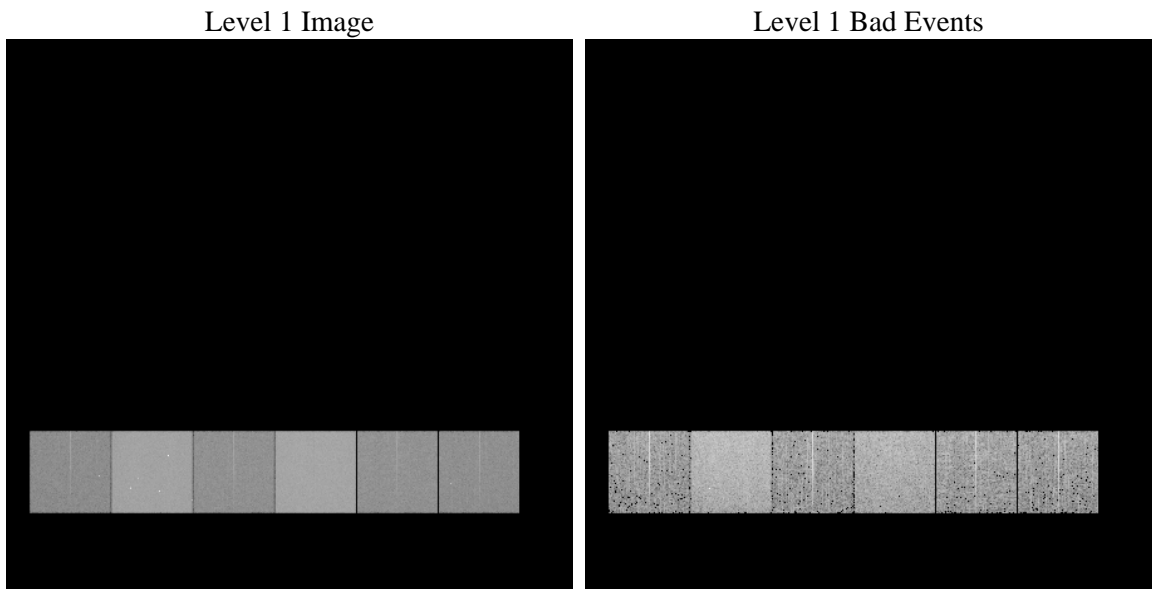
1 Front

seq_num	 	Sequence number
obs_id	60753	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	170.02060272582	Nominal RA [deg]
dec_nom	-30.022347509894	Nominal Dec [deg]
roll_nom	275.73549344262	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7791.3766590655	Sum of GTIs [s]
livetime	7692.7175564046	Livetime [s]
ontime4	3315.5771099031	Sum of GTIs [s]
ontime5	7791.3766590655	Sum of GTIs [s]
ontime6	3659.1248886585	Sum of GTIs [s]
ontime7	7791.3766590655	Sum of GTIs [s]
ontime8	3740.0788738728	Sum of GTIs [s]
ontime9	3539.2075847089	Sum of GTIs [s]
l2events	1170614	Number of level 2 events

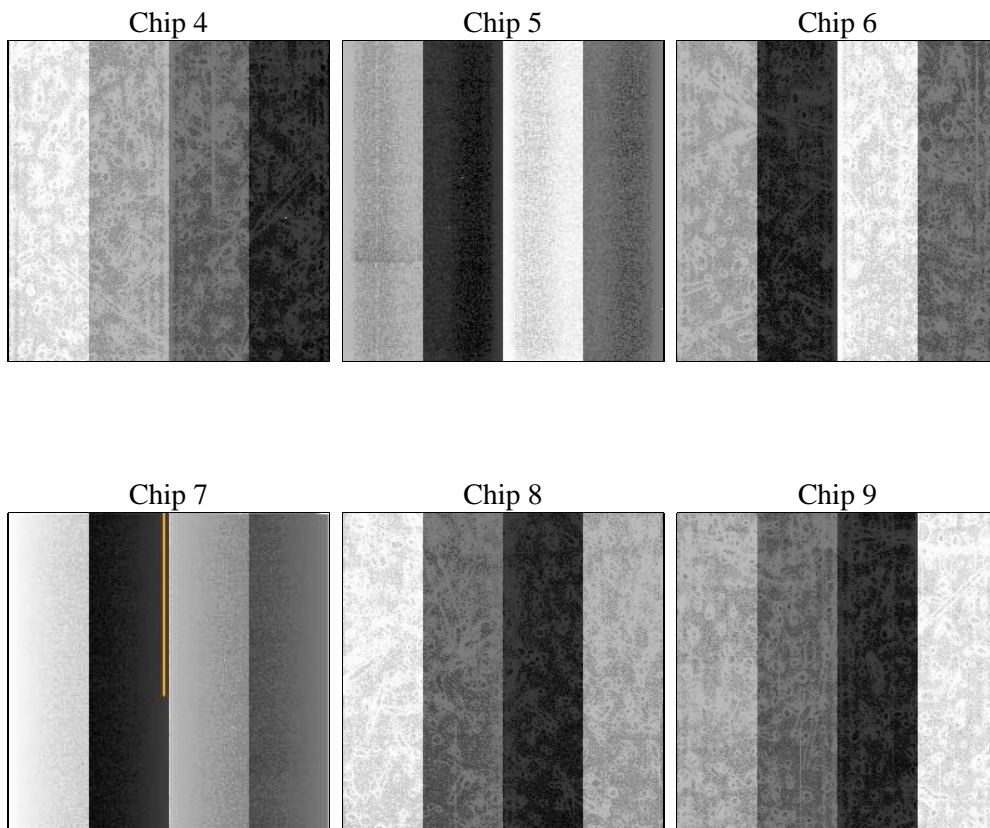
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7791.3766590655	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3315.5771099031	Sum of GTIs [s]
date	2012-10-27T16:57:48	Date and time of file creation	ontime5	7791.3766590655	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3659.1248886585	Sum of GTIs [s]
			ontime7	7791.3766590655	Sum of GTIs [s]
			ontime8	3740.0788738728	Sum of GTIs [s]
			ontime9	3539.2075847089	Sum of GTIs [s]
			l1events	1421883	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	155984	347600	182260	376314	189358	170367	grade 0 events	76607	71462	85030	85003	88099	80487
rejected events	24146	49898	25929	40394	27592	24900		49%	20%	46%	22%	46%	47%
rejected %	15%	14%	14%	10%	14%	14%	grade 1 events	567	283	400	220	457	453
								0%	0%	0%	0%	0%	0%
							grade 2 events	21071	106336	26946	74112	28399	24690
								13%	30%	14%	19%	14%	14%
							grade 3 events	8693	18720	9644	33774	10379	9058
								5%	5%	5%	8%	5%	5%
							grade 4 events	8546	18392	9768	33817	10372	9278
								5%	5%	5%	8%	5%	5%
							grade 5 events	1585	8561	1791	7695	2074	1777
								1%	2%	0%	2%	1%	1%
							grade 6 events	16921	82792	24943	109214	24517	21954
								10%	23%	13%	29%	12%	12%
							grade 7 events	21994	41054	23738	32479	25061	22670
								14%	11%	13%	8%	13%	13%

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	170.0206027258242
[deg] Pointing Dec	0	-30.02234750989441
[deg] Pointing Roll	0.0	275.7354934426158
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	168363332.337786	168363331.31305
Observation start date	2003-05-03T15:35:32	2003-05-03T15:35:31
[s] Observation end time (MET)	168402817.389457	168402816.36472
Observation end date	2003-05-04T02:33:37	2003-05-04T02:33:36
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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7913766590655

A.2 Comments