

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56754 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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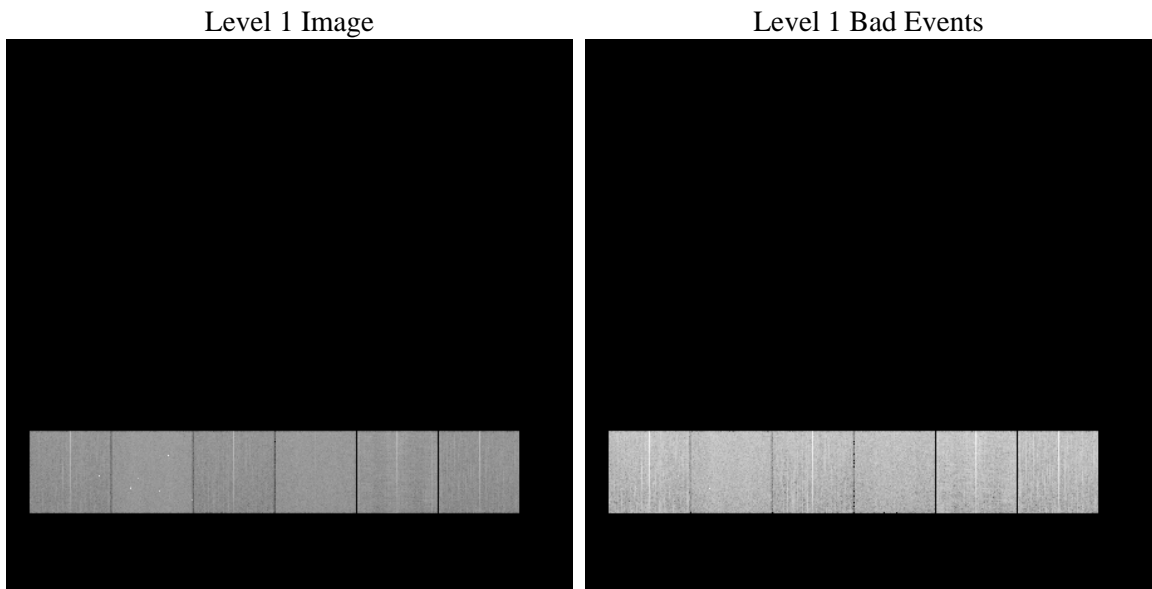
1 Front

seq_num	 	Sequence number
obs_id	56754	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	19.469882805659	Nominal RA [deg]
dec_nom	33.985925730487	Nominal Dec [deg]
roll_nom	176.44247458279	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8411.5403595567	Sum of GTIs [s]
livetime	8305.0283707024	Livetime [s]
ontime4	8411.4172395468	Sum of GTIs [s]
ontime5	8411.4993195534	Sum of GTIs [s]
ontime6	8411.4582795501	Sum of GTIs [s]
ontime7	8411.5403595567	Sum of GTIs [s]
ontime8	8408.135258615	Sum of GTIs [s]
ontime9	8411.58139956	Sum of GTIs [s]
l2events	498016	Number of level 2 events

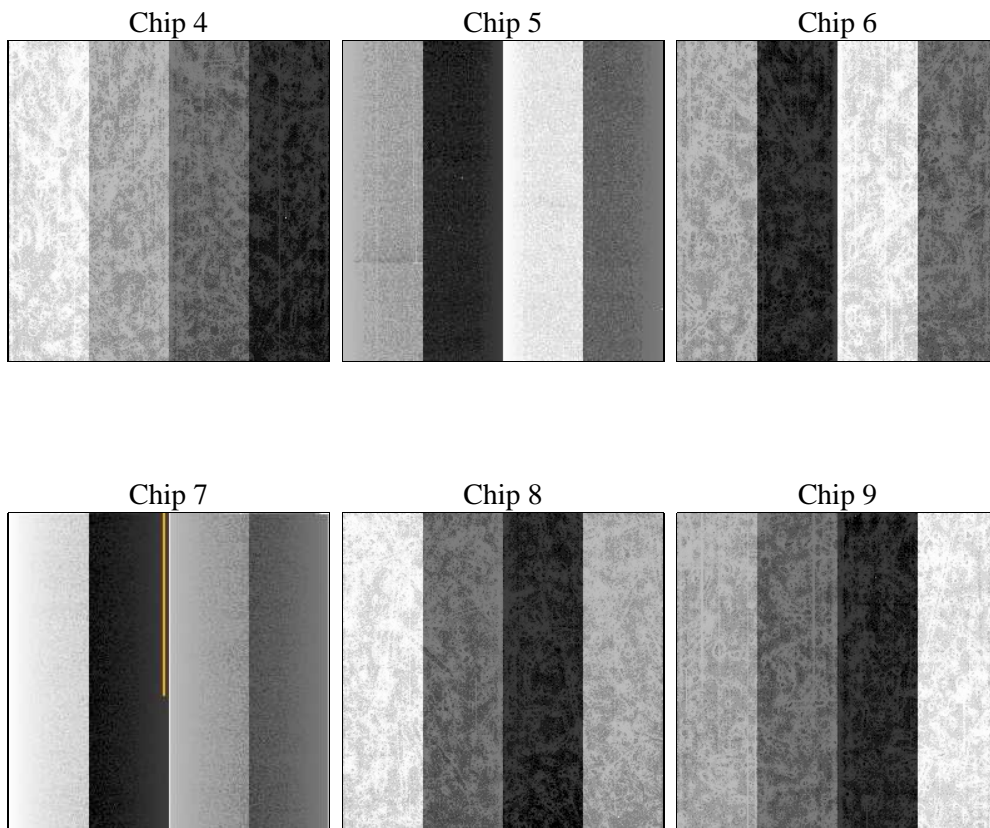
2 OBI

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	8411.5403595567	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8411.4172395468	Sum of GTIs [s]
date	2012-06-15T14:38:31	Date and time of file creation	ontime5	8411.4993195534	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8411.4582795501	Sum of GTIs [s]
			ontime7	8411.5403595567	Sum of GTIs [s]
			ontime8	8408.135258615	Sum of GTIs [s]
			ontime9	8411.58139956	Sum of GTIs [s]
			l1events	1030160	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	156887	195658	153798	186013	179697	158107	grade 0 events	41965	17659	39715	20310	44665	39745
rejected events	83629	78229	77820	73073	88869	83652		26%	9%	25%	10%	24%	25%
rejected %	53%	39%	50%	39%	49%	52%	grade 1 events	428	272	277	159	342	299
								0%	0%	0%	0%	0%	0%
							grade 2 events	11750	41928	13750	24625	17127	13087
								7%	21%	8%	13%	9%	8%
							grade 3 events	5094	5075	5036	10539	6888	5042
								3%	2%	3%	5%	3%	3%
							grade 4 events	5099	5006	5083	10370	6676	5027
								3%	2%	3%	5%	3%	3%
							grade 5 events	4484	10232	4584	11758	6023	5131
								2%	5%	2%	6%	3%	3%
							grade 6 events	9728	48314	12743	47667	15900	11911
								6%	24%	8%	25%	8%	7%
							grade 7 events	78339	67172	72610	60585	82076	77865
								49%	34%	47%	32%	45%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	19.46988280565865	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	33.98592573048732	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	176.4424745827852	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	371749757.399119	371749756.37412			
Observation start date	2009-10-12T15:49:17	2009-10-12T15:49:16			
[s] Observation end time (MET)	371761725.299722	371761724.27472			
Observation end date	2009-10-12T19:08:45	2009-10-12T19:08:44			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4115403595567

A.2 Comments