

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55759 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

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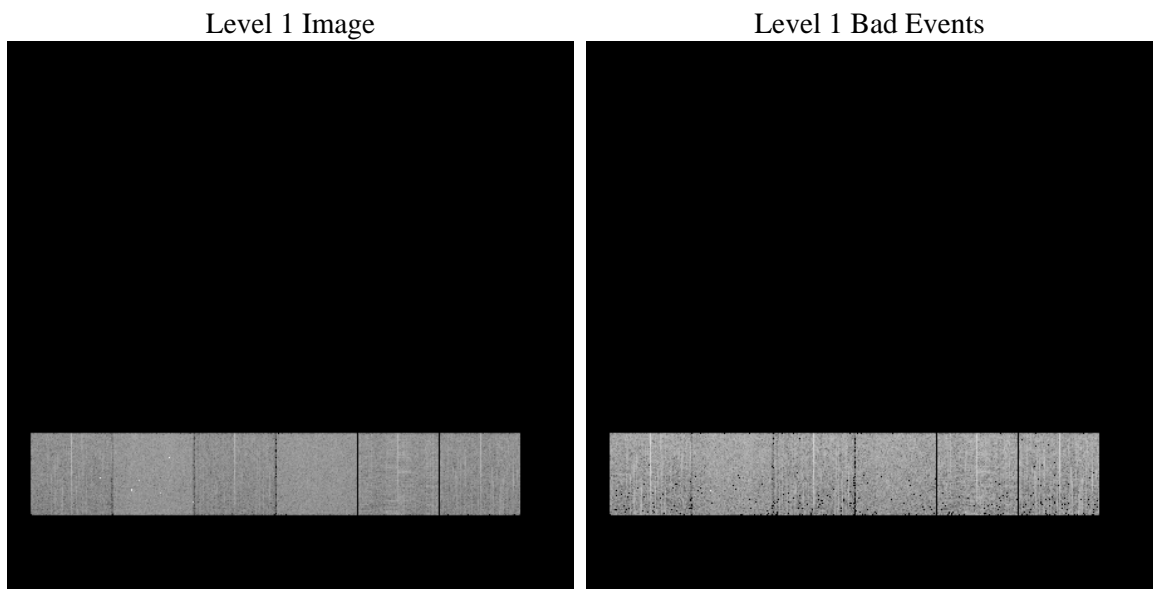
1 Front

seq_num	 	Sequence number
obs_id	55759	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	259.41490367106	Nominal RA [deg]
dec_nom	21.125529564402	Nominal Dec [deg]
roll_nom	28.599616130531	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3665.5698994994	Sum of GTIs [s]
livetime	3619.1542462907	Livetime [s]
ontime4	3665.5686919093	Sum of GTIs [s]
ontime5	3665.5698994994	Sum of GTIs [s]
ontime6	3665.5698696375	Sum of GTIs [s]
ontime7	3665.5698994994	Sum of GTIs [s]
ontime8	3665.527651906	Sum of GTIs [s]
ontime9	3665.5698696375	Sum of GTIs [s]
l2events	168285	Number of level 2 events

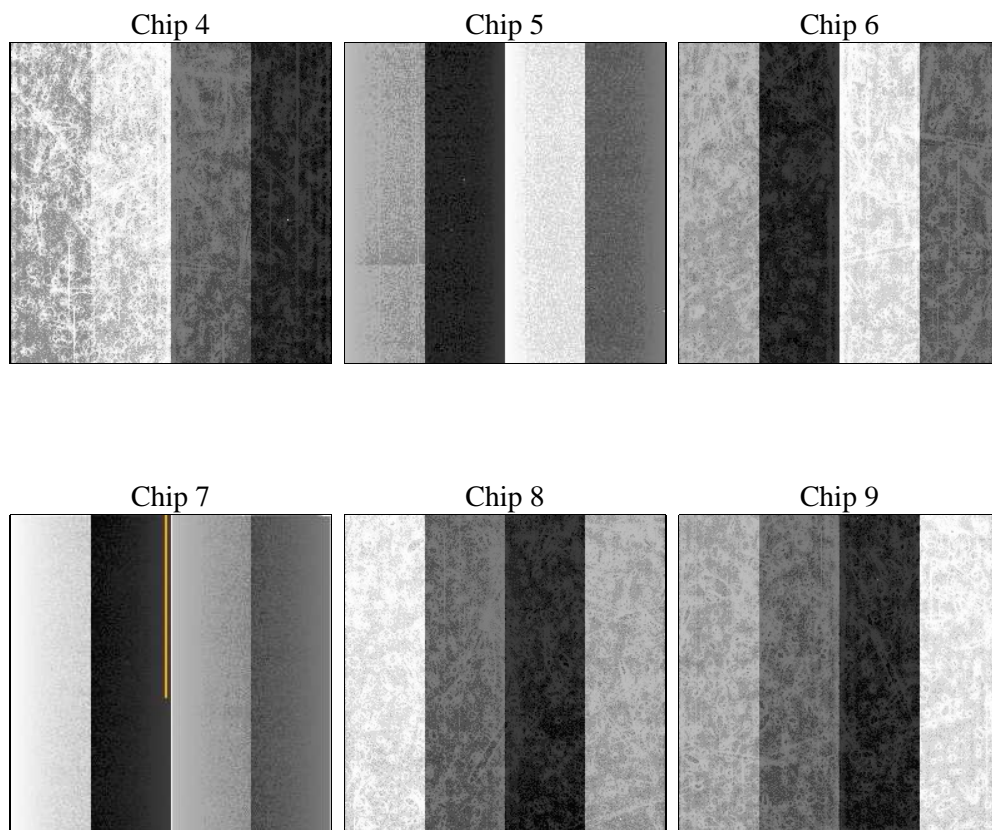
2 OBI

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	8.4.3	Processing system revision	ontime	3665.5698994994	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	3665.5686919093	Sum of GTIs [s]
date	2012-02-01T09:03:36	Date and time of file creation	ontime5	3665.5698994994	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3665.5698696375	Sum of GTIs [s]
			ontime7	3665.5698994994	Sum of GTIs [s]
			ontime8	3665.527651906	Sum of GTIs [s]
			ontime9	3665.5698696375	Sum of GTIs [s]
			l1events	366123	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	54698	71963	54196	67086	62426	55754	grade 0 events	13723	6205	13129	6590	14824	12862
rejected events	30435	30166	28868	28201	31527	31155		25%	8%	24%	9%	23%	23%
rejected %	55%	41%	53%	42%	50%	55%	grade 1 events	128	99	86	49	103	95
								0%	0%	0%	0%	0%	0%
							grade 2 events	3922	14633	4660	8307	5951	4376
								7%	20%	8%	12%	9%	7%
							grade 3 events	1674	1797	1598	3536	2376	1713
								3%	2%	2%	5%	3%	3%
							grade 4 events	1658	1703	1606	3505	2311	1660
								3%	2%	2%	5%	3%	2%
							grade 5 events	1781	3890	1736	4460	2324	2024
								3%	5%	3%	6%	3%	3%
							grade 6 events	3286	17459	4335	16947	5437	3988
								6%	24%	7%	25%	8%	7%
							grade 7 events	28526	26177	27046	23692	29100	29036
								52%	36%	49%	35%	46%	52%

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	259.4149036710633	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	21.1255295644022	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	28.59961613053089	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	410359516.766922	410359515.74191			
Observation start date	2011-01-02T12:45:17	2011-01-02T12:45:15			
[s] Observation end time (MET)	410365549.917234	410365548.89222			
Observation end date	2011-01-02T14:25:50	2011-01-02T14:25:48			
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)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.6655698994994

A.2 Comments