

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57173 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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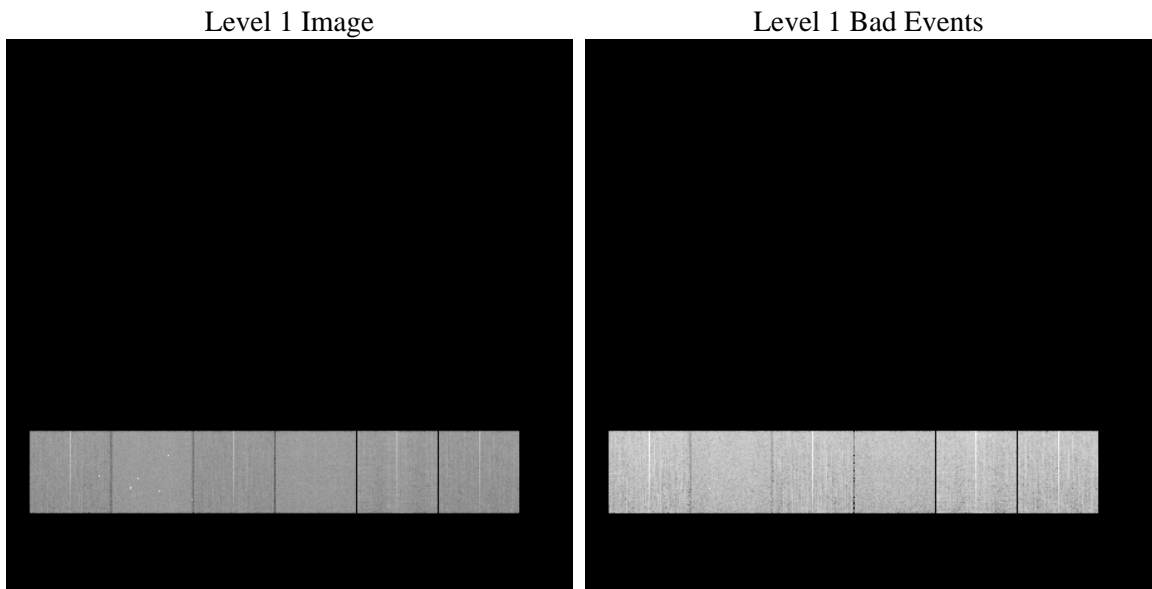
1 Front

seq_num	 	Sequence number
obs_id	57173	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	222.97215038153	Nominal RA [deg]
dec_nom	7.0076415554328	Nominal Dec [deg]
roll_nom	131.70908735722	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8451.1999685764	Sum of GTIs [s]
livetime	8344.1857858726	Livetime [s]
ontime4	8451.1999685764	Sum of GTIs [s]
ontime5	8451.1999685764	Sum of GTIs [s]
ontime6	8451.1999685764	Sum of GTIs [s]
ontime7	8451.1999685764	Sum of GTIs [s]
ontime8	8451.1999685764	Sum of GTIs [s]
ontime9	8451.1999685764	Sum of GTIs [s]
l2events	547161	Number of level 2 events

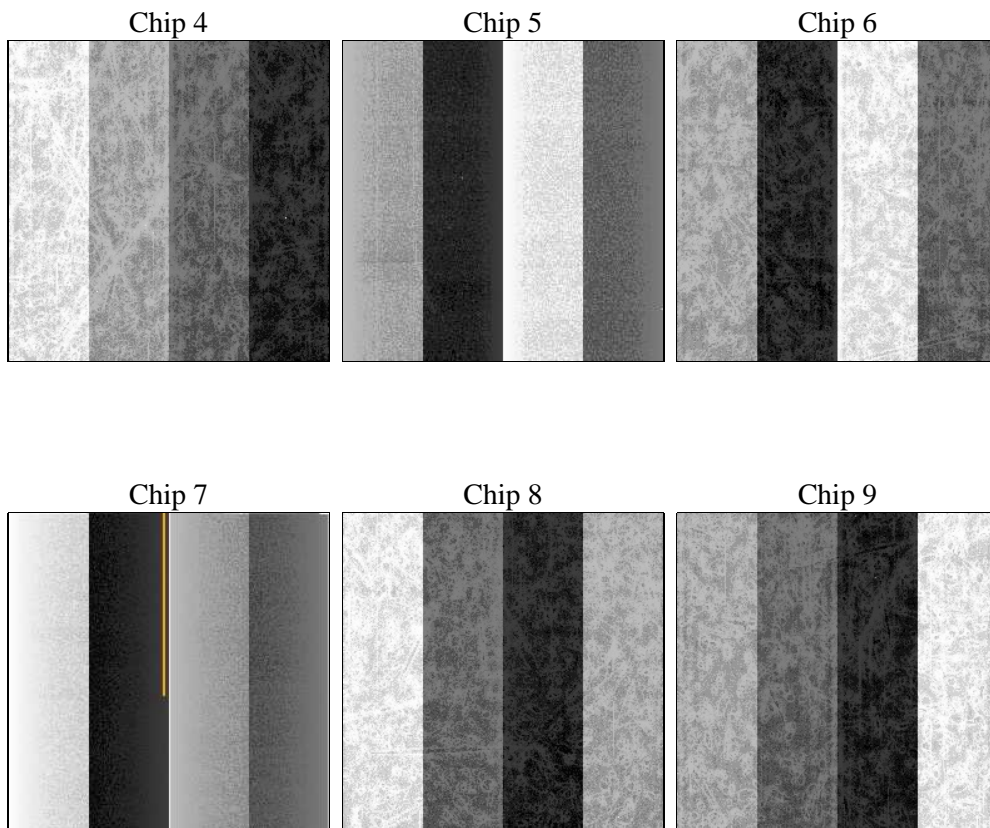
2 OBI

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	8.4.4	Processing system revision	ontime	8451.1999685764	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8451.1999685764	Sum of GTIs [s]
date	2012-06-04T16:06:56	Date and time of file creation	ontime5	8451.1999685764	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8451.1999685764	Sum of GTIs [s]
			ontime7	8451.1999685764	Sum of GTIs [s]
			ontime8	8451.1999685764	Sum of GTIs [s]
			ontime9	8451.1999685764	Sum of GTIs [s]
			l1events	1101925	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	172332	204399	168795	195469	192214	168716	grade 0 events	46907	20352	44750	22752	49518	44208
rejected events	90358	78591	83393	73562	91147	85762		27%	9%	26%	11%	25%	26%
rejected %	52%	38%	49%	37%	47%	50%	grade 1 events	525	256	334	174	345	376
								0%	0%	0%	0%	0%	0%
							grade 2 events	13184	44030	15314	26413	18921	14588
								7%	21%	9%	13%	9%	8%
							grade 3 events	5702	5755	5537	11288	7466	5558
								3%	2%	3%	5%	3%	3%
							grade 4 events	5534	5650	5540	11029	7142	5596
								3%	2%	3%	5%	3%	3%
							grade 5 events	4503	10644	4722	11867	6222	5440
								2%	5%	2%	6%	3%	3%
							grade 6 events	10647	50021	14261	50425	18020	13004
								6%	24%	8%	25%	9%	7%
							grade 7 events	85330	67691	78337	61521	84580	79946
								49%	33%	46%	31%	44%	47%

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	222.9721503815269	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.007641555432782	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	131.7090873572226	[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)	356214130.922116	356214129.89712			
Observation start date	2009-04-15T20:22:11	2009-04-15T20:22:09			
[s] Observation end time (MET)	356224309.172623	356224308.14763			
Observation end date	2009-04-15T23:11:49	2009-04-15T23:11:48			
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4511999685764

A.2 Comments