

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58171 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 2 2012

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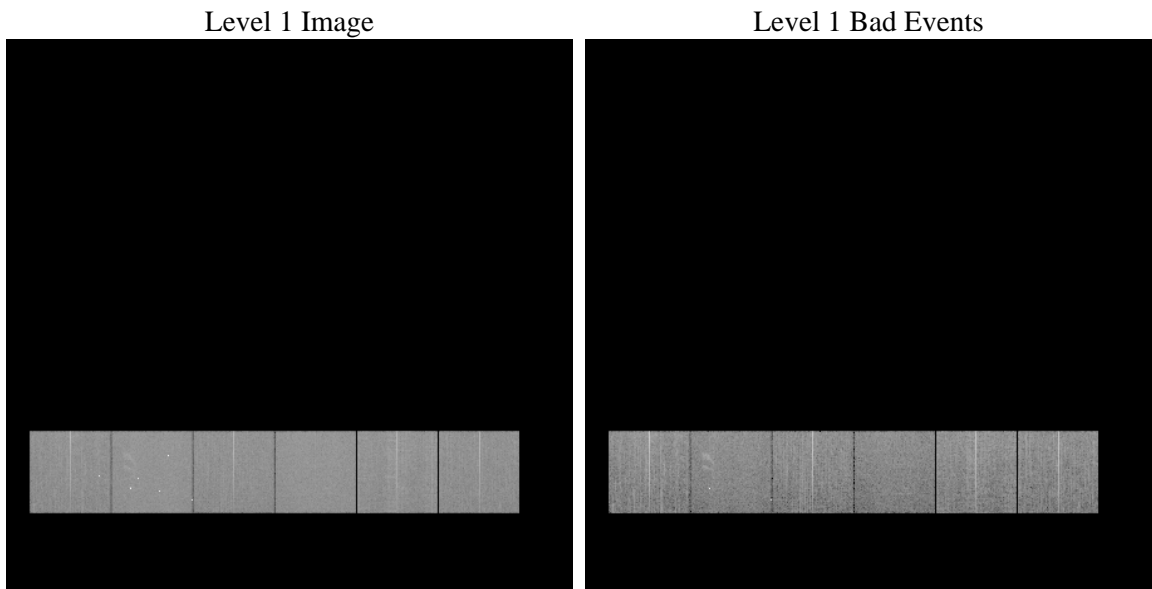
1 Front

seq_num	 	Sequence number
obs_id	58171	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	23.965284385142	Nominal RA [deg]
dec_nom	37.991205769703	Nominal Dec [deg]
roll_nom	164.92620156107	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8273.9508148432	Sum of GTIs [s]
livetime	8169.1810676506	Livetime [s]
ontime4	8270.5867044926	Sum of GTIs [s]
ontime5	8273.9097748399	Sum of GTIs [s]
ontime6	8270.627834022	Sum of GTIs [s]
ontime7	8273.9508148432	Sum of GTIs [s]
ontime8	8273.78665483	Sum of GTIs [s]
ontime9	8273.9918548465	Sum of GTIs [s]
l2events	706307	Number of level 2 events

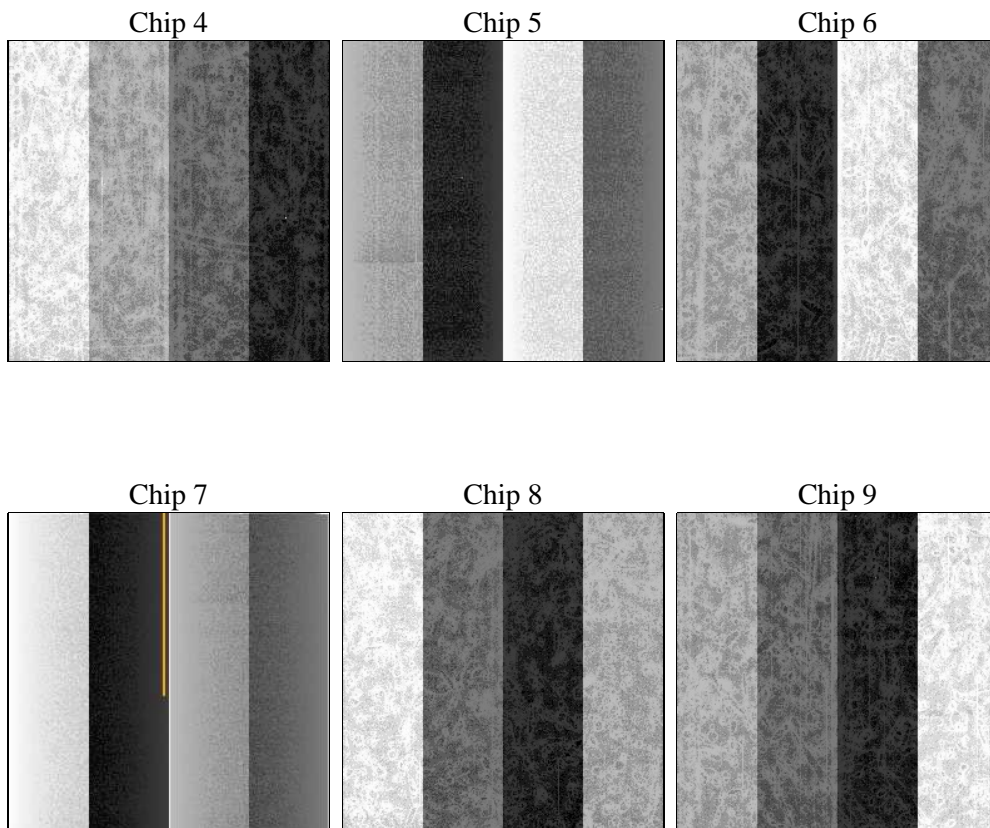
2 OBI

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	8273.9508148432	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8270.5867044926	Sum of GTIs [s]
date	2012-05-02T21:03:10	Date and time of file creation	ontime5	8273.9097748399	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8270.627834022	Sum of GTIs [s]
			ontime7	8273.9508148432	Sum of GTIs [s]
			ontime8	8273.78665483	Sum of GTIs [s]
			ontime9	8273.9918548465	Sum of GTIs [s]
			l1events	1236415	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	195101	224272	195899	214501	214598	192044	grade 0 events	64248	28638	62555	30641	66494	60898
rejected events	83853	74969	78348	66050	84737	79099		32%	12%	31%	14%	30%	31%
rejected %	42%	33%	39%	30%	39%	41%	grade 1 events	617	444	394	173	452	451
								0%	0%	0%	0%	0%	0%
							grade 2 events	17605	52856	20610	32431	23765	19385
								9%	23%	10%	15%	11%	10%
							grade 3 events	7520	7335	7484	14085	9169	7584
								3%	3%	3%	6%	4%	3%
							grade 4 events	7451	7114	7612	14077	8872	7449
								3%	3%	3%	6%	4%	3%
							grade 5 events	4266	10489	4503	11269	5718	4921
								2%	4%	2%	5%	2%	2%
							grade 6 events	14424	53360	19290	57217	21561	17629
								7%	23%	9%	26%	10%	9%
							grade 7 events	78970	64036	73451	54608	78567	73727
								40%	28%	37%	25%	36%	38%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	23.96528438514233	Alternating exposures requested	N	N
[deg] Pointing Dec	0	37.99120576970296	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	164.9262015610719			
[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)	308456164.923557	308456163.89857			
Observation start date	2007-10-11T02:16:05	2007-10-11T02:16:03			
[s] Observation end time (MET)	308478675.97464	308478674.94966			
Observation end date	2007-10-11T08:31:16	2007-10-11T08:31:14			
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2739508148432

A.2 Comments