

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58069 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 7 2012

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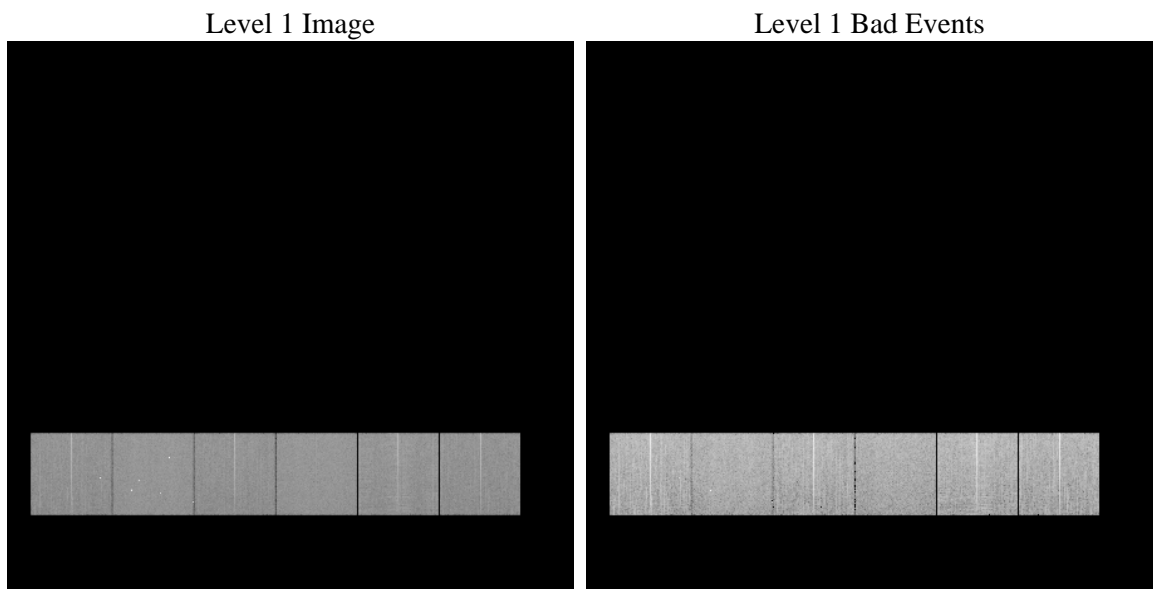
1 Front

seq_num	 	Sequence number
obs_id	58069	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	79.964480822741	Nominal RA [deg]
dec_nom	51.181815306361	Nominal Dec [deg]
roll_nom	186.30035773277	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8255.9999693036	Sum of GTIs [s]
livetime	8151.4575265259	Livetime [s]
ontime4	8255.9999693036	Sum of GTIs [s]
ontime5	8255.9999693036	Sum of GTIs [s]
ontime6	8252.7589590549	Sum of GTIs [s]
ontime7	8255.9999693036	Sum of GTIs [s]
ontime8	8255.9999693036	Sum of GTIs [s]
ontime9	8255.9999693036	Sum of GTIs [s]
l2events	677817	Number of level 2 events

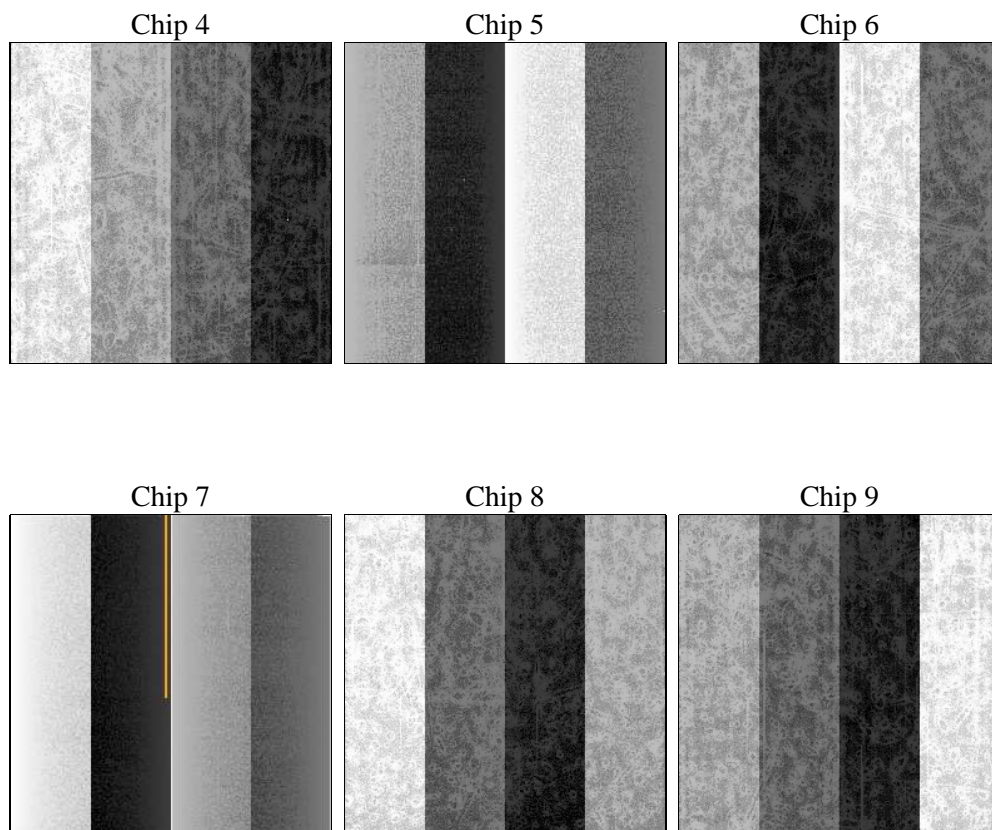
2 OBI

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	8255.9999693036	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8255.9999693036	Sum of GTIs [s]
date	2012-05-07T04:11:46	Date and time of file creation	ontime5	8255.9999693036	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8252.7589590549	Sum of GTIs [s]
			ontime7	8255.9999693036	Sum of GTIs [s]
			ontime8	8255.9999693036	Sum of GTIs [s]
			ontime9	8255.9999693036	Sum of GTIs [s]
			l1events	1193520	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	189544	213090	189288	208140	207473	185985	grade 0 events	61761	26217	60244	29694	64227	58751
rejected events	82990	71227	76573	65262	82882	77562		32%	12%	31%	14%	30%	31%
rejected %	43%	33%	40%	31%	39%	41%	grade 1 events	602	274	369	190	427	422
								0%	0%	0%	0%	0%	0%
							grade 2 events	16977	50684	19669	30860	22779	19036
								8%	23%	10%	14%	10%	10%
							grade 3 events	7180	6868	7233	13612	8895	7191
								3%	3%	3%	6%	4%	3%
							grade 4 events	7154	6827	7300	13596	8501	7133
								3%	3%	3%	6%	4%	3%
							grade 5 events	4184	9988	4340	10837	5608	4858
								2%	4%	2%	5%	2%	2%
							grade 6 events	13721	51604	18547	55435	20494	16575
								7%	24%	9%	26%	9%	8%
							grade 7 events	77965	60628	71586	53916	76542	72019
								41%	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	79.96448082274118	Alternating exposures requested	N	N
[deg] Pointing Dec	0	51.18181530636127	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	186.3003577327651			
[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)	314167393.449329	314167392.42433			
Observation start date	2007-12-16T04:43:13	2007-12-16T04:43:12			
[s] Observation end time (MET)	314188703.20036	314188702.17536			
Observation end date	2007-12-16T10:38:23	2007-12-16T10:38:22			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2559999693036

A.2 Comments