

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57081 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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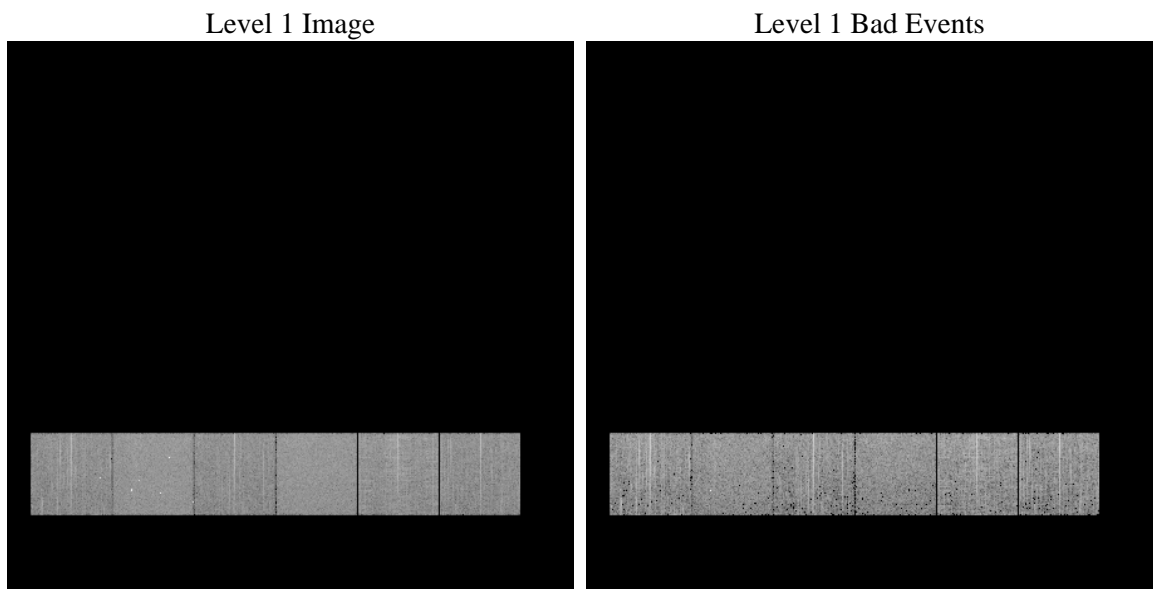
1 Front

seq_num	 	Sequence number
obs_id	57081	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	335.49039355076	Nominal RA [deg]
dec_nom	5.7286537961912	Nominal Dec [deg]
roll_nom	111.90191620881	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3272.5994835496	Sum of GTIs [s]
livetime	3231.1598583661	Livetime [s]
ontime4	3272.4763635397	Sum of GTIs [s]
ontime5	3272.5584435463	Sum of GTIs [s]
ontime6	3272.517403543	Sum of GTIs [s]
ontime7	3272.5994835496	Sum of GTIs [s]
ontime8	3272.4353235364	Sum of GTIs [s]
ontime9	3272.6405235529	Sum of GTIs [s]
l2events	205813	Number of level 2 events

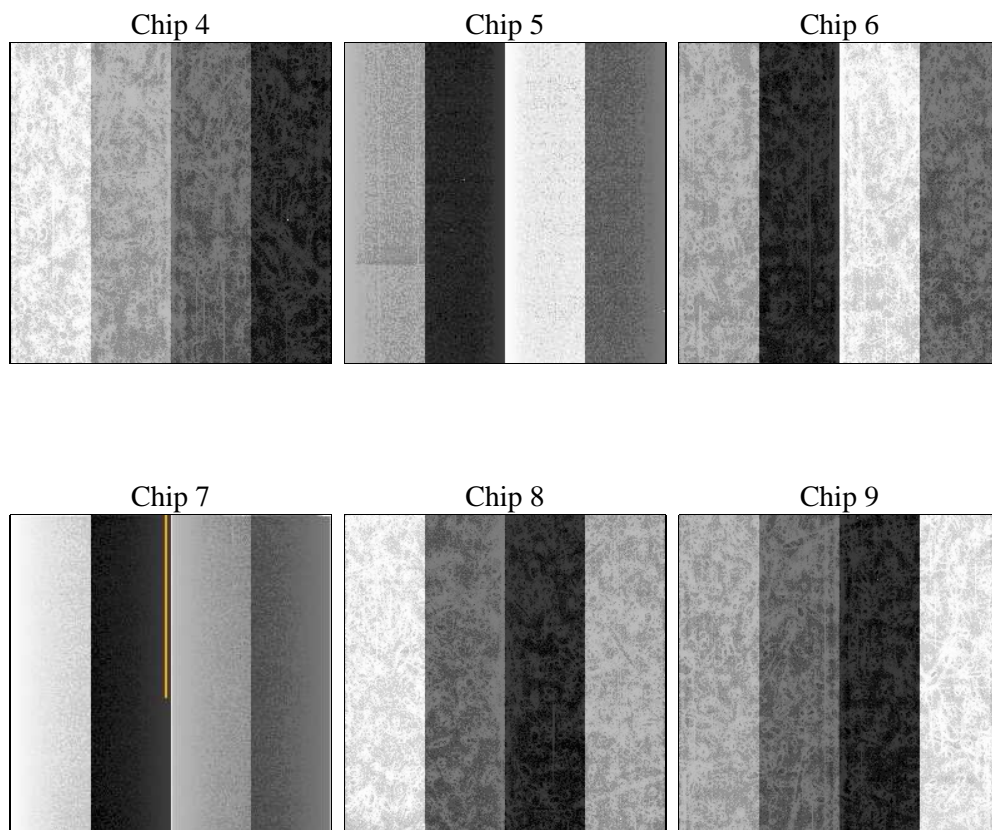
2 OBI

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	3272.5994835496	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	3272.4763635397	Sum of GTIs [s]
date	2012-06-08T08:07:00	Date and time of file creation	ontime5	3272.5584435463	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3272.517403543	Sum of GTIs [s]
			ontime7	3272.5994835496	Sum of GTIs [s]
			ontime8	3272.4353235364	Sum of GTIs [s]
			ontime9	3272.6405235529	Sum of GTIs [s]
			l1events	417807	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	64971	79025	61946	75021	73602	63242	grade 0 events	17029	8180	16772	8463	18628	16476
rejected events	34714	30398	29998	28348	35440	32192		26%	10%	27%	11%	25%	26%
rejected %	53%	38%	48%	37%	48%	50%	grade 1 events	182	119	123	62	141	128
								0%	0%	0%	0%	0%	0%
							grade 2 events	4864	17147	5628	10126	7071	5558
								7%	21%	9%	13%	9%	8%
							grade 3 events	2190	2128	2082	4455	2782	2135
								3%	2%	3%	5%	3%	3%
							grade 4 events	2081	2034	2106	4313	2860	2097
								3%	2%	3%	5%	3%	3%
							grade 5 events	1681	4029	1811	4703	2295	2079
								2%	5%	2%	6%	3%	3%
							grade 6 events	4093	19138	5360	19316	6821	4784
								6%	24%	8%	25%	9%	7%
							grade 7 events	32851	26250	28064	23583	33004	29985
								50%	33%	45%	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	335.490393550755	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.728653796191229	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	111.9019162088098	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	360061081.163676	360061080.13871			
Observation start date	2009-05-30T08:58:01	2009-05-30T08:58:00			
[s] Observation end time (MET)	360086755.36495	360086754.33999			
Observation end date	2009-05-30T16:05:55	2009-05-30T16:05:54			
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)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2725994835496

A.2 Comments