

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58254 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 29 2012

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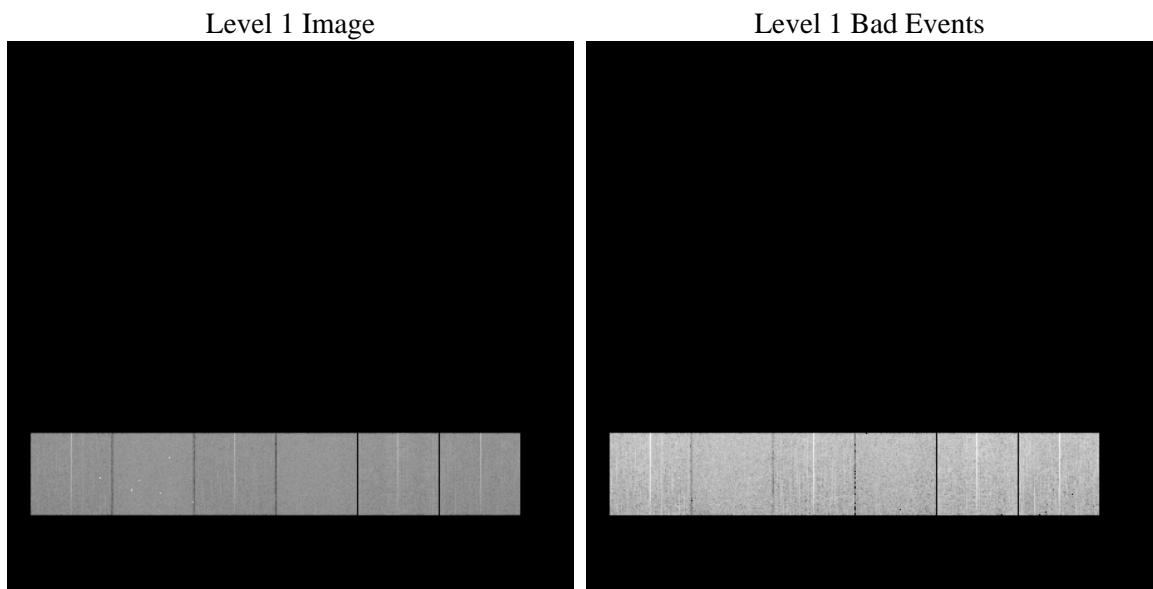
1 Front

seq_num	 	Sequence number
obs_id	58254	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	333.0292441224	Nominal RA [deg]
dec_nom	-40.482330059705	Nominal Dec [deg]
roll_nom	6.2574464875387	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.4221600294	Sum of GTIs [s]
livetime	7695.7244934016	Livetime [s]
ontime4	7794.2990400195	Sum of GTIs [s]
ontime5	7794.3811200261	Sum of GTIs [s]
ontime6	7794.3400800228	Sum of GTIs [s]
ontime7	7794.4221600294	Sum of GTIs [s]
ontime8	7794.2580000162	Sum of GTIs [s]
ontime9	7794.4632000327	Sum of GTIs [s]
l2events	683356	Number of level 2 events

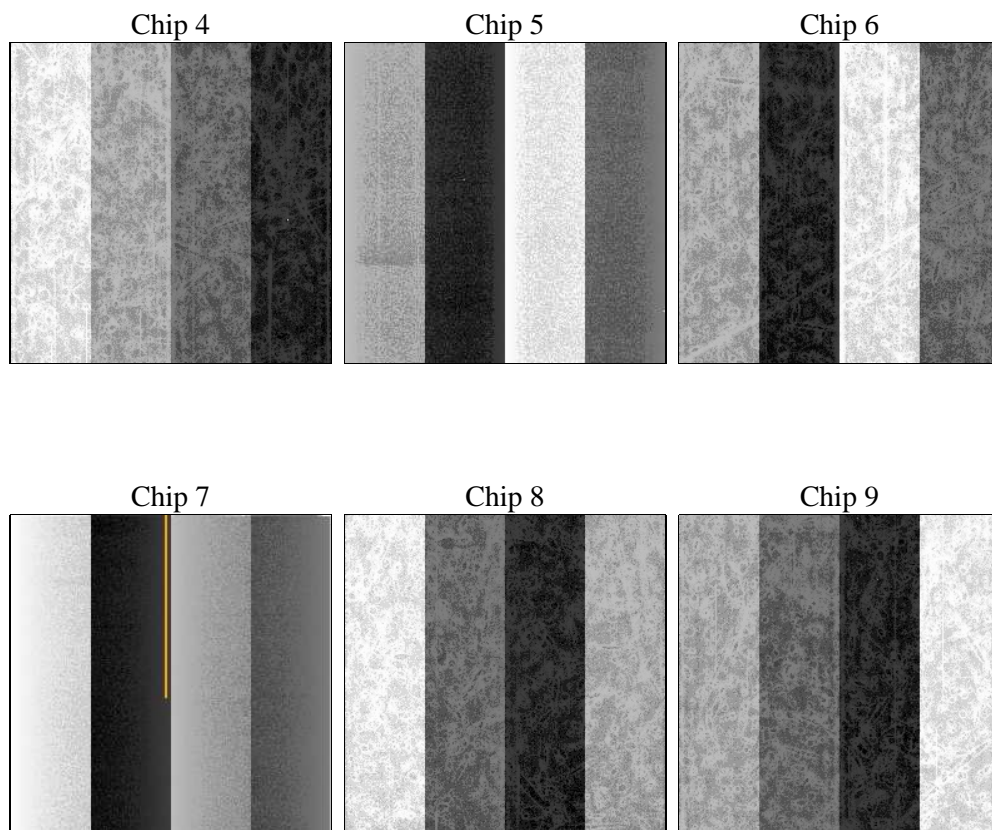
2 OBI

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	7794.4221600294	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7794.2990400195	Sum of GTIs [s]
date	2012-04-30T01:28:12	Date and time of file creation	ontime5	7794.3811200261	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7794.3400800228	Sum of GTIs [s]
			ontime7	7794.4221600294	Sum of GTIs [s]
			ontime8	7794.2580000162	Sum of GTIs [s]
			ontime9	7794.4632000327	Sum of GTIs [s]
			l1events	1168642	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	183460	204763	184350	203824	206402	185843	grade 0 events	62706	26376	60845	30139	64960	59390
rejected events	75273	65958	70562	60903	80621	75901		34%	12%	33%	14%	31%	31%
rejected %	41%	32%	38%	29%	39%	40%	grade 1 events	575	321	384	142	437	450
								0%	0%	0%	0%	0%	0%
							grade 2 events	16820	48711	19729	31117	22479	19050
								9%	23%	10%	15%	10%	10%
							grade 3 events	7289	7158	7234	13653	8854	7357
								3%	3%	3%	6%	4%	3%
							grade 4 events	7342	7125	7349	13643	8654	7396
								4%	3%	3%	6%	4%	3%
							grade 5 events	3895	9264	4272	10215	5233	4486
								2%	4%	2%	5%	2%	2%
							grade 6 events	14030	49435	18631	54369	20834	16749
								7%	24%	10%	26%	10%	9%
							grade 7 events	70803	56373	65906	50546	74951	70965
								38%	27%	35%	24%	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	333.029244122402	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-40.48233005970477	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	6.25744648753875			
[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)	304074332.762696	304074331.73769			
Observation start date	2007-08-21T09:05:33	2007-08-21T09:05:31			
[s] Observation end time (MET)	304116060.514702	304116059.48969			
Observation end date	2007-08-21T20:41:01	2007-08-21T20:40:59			
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)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7944221600294

A.2 Comments