

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59740 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 18 2012

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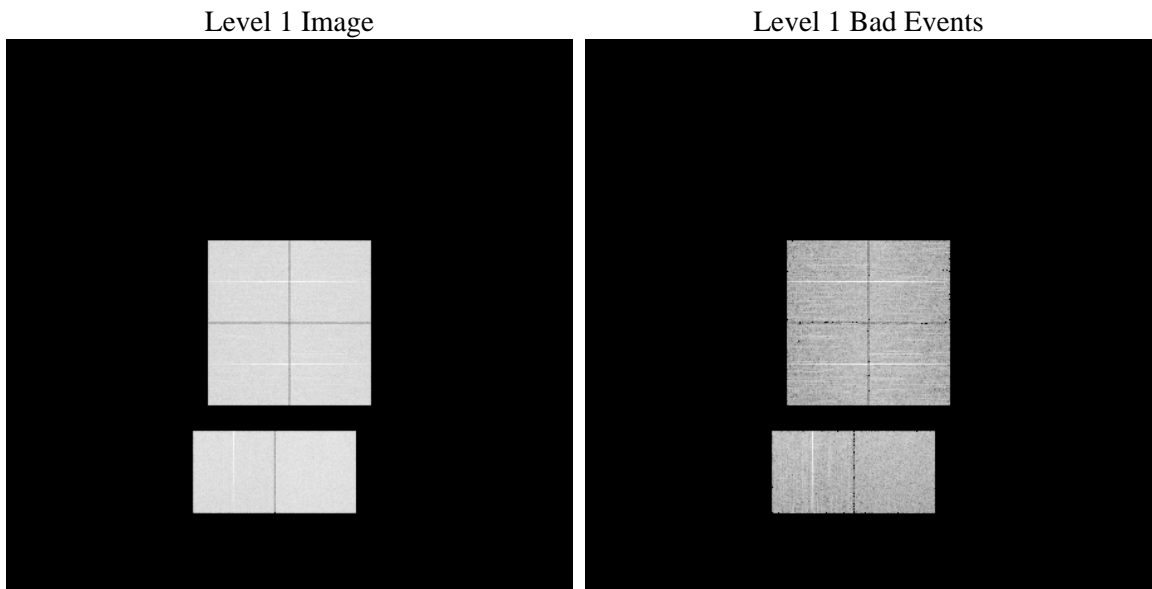
1 Front

seq_num	 	Sequence number
obs_id	59740	Observation id
title	ACIS-012367 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	180.47036807252	Nominal RA [deg]
dec_nom	11.003273335359	Nominal Dec [deg]
roll_nom	140.65331080513	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8284.7999691367	Sum of GTIs [s]
livetime	8179.8928434199	Livetime [s]
ontime0	7406.4961888194	Sum of GTIs [s]
ontime1	7552.3398427665	Sum of GTIs [s]
ontime2	7187.4511243105	Sum of GTIs [s]
ontime3	7403.2549394667	Sum of GTIs [s]
ontime6	7730.5932298005	Sum of GTIs [s]
ontime7	8284.7999691367	Sum of GTIs [s]
l2events	1119788	Number of level 2 events

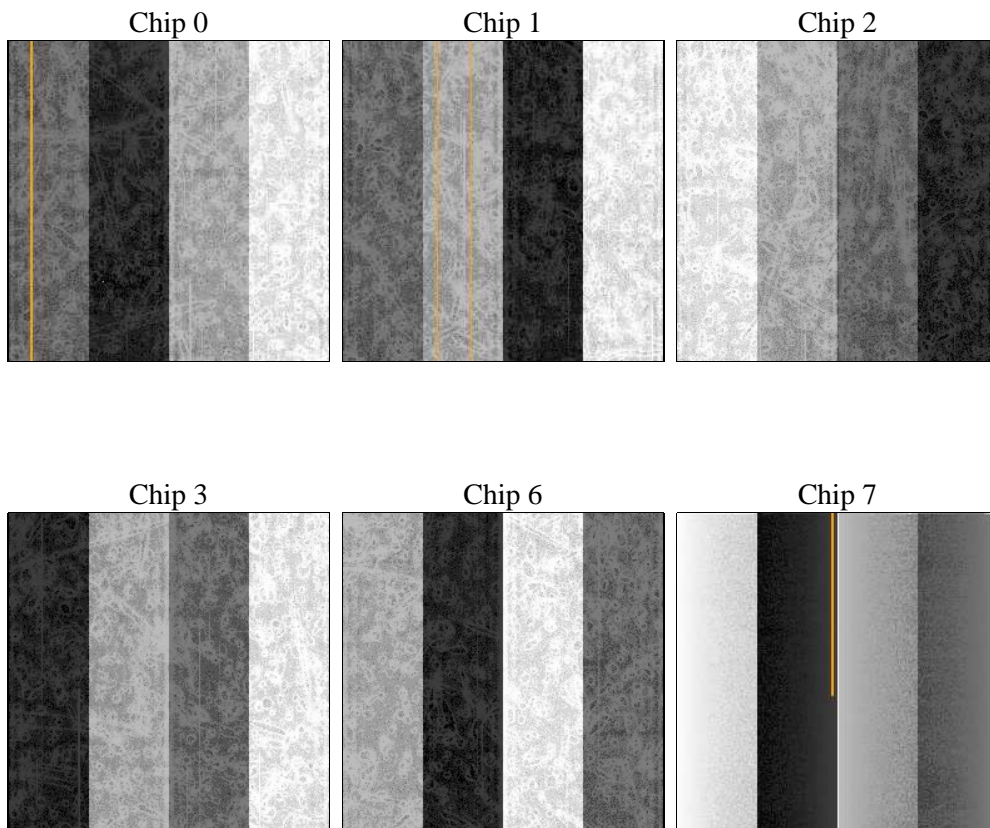
2 OBI

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	8.5.1	Processing system revision	ontime	8284.7999691367	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7406.4961888194	Sum of GTIs [s]
date	2012-12-18T12:49:04	Date and time of file creation	ontime1	7552.3398427665	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7187.4511243105	Sum of GTIs [s]
			ontime3	7403.2549394667	Sum of GTIs [s]
			ontime6	7730.5932298005	Sum of GTIs [s]
			ontime7	8284.7999691367	Sum of GTIs [s]
			l1events	1492588	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	235133	241800	232861	241702	258758	282334	grade 0 events	101144	103736	101666	104396	109671	54916
rejected events	50680	52669	51011	54679	56373	50015		43%	42%	43%	43%	42%	19%
rejected %	21%	21%	21%	22%	21%	17%	grade 1 events	599	543	660	615	565	192
								0%	0%	0%	0%	0%	0%
							grade 2 events	32253	33705	31078	32035	34681	51169
								13%	13%	13%	13%	13%	18%
							grade 3 events	12237	11952	11929	12286	12625	22972
								5%	4%	5%	5%	4%	8%
							grade 4 events	11958	12089	11775	12389	12657	23003
								5%	4%	5%	5%	4%	8%
							grade 5 events	3214	3348	3092	3324	3648	8819
								1%	1%	1%	1%	1%	3%
							grade 6 events	26861	27649	25402	25917	32751	80259
								11%	11%	10%	10%	12%	28%
							grade 7 events	46867	48778	47259	50740	52160	41004
								19%	20%	20%	20%	20%	14%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	180.4703680725184	Alternating exposures requested	N	N
[deg] Pointing Dec	0	11.00327333535861	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	140.6533108051281			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	227122454.167152	227122453.14216			
Observation start date	2005-03-13T17:34:14	2005-03-13T17:34:13			
[s] Observation end time (MET)	227145162.018181	227145160.99319			
Observation end date	2005-03-13T23:52:42	2005-03-13T23:52:40			
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)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691367

A.2 Comments