

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59533 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 26 2012

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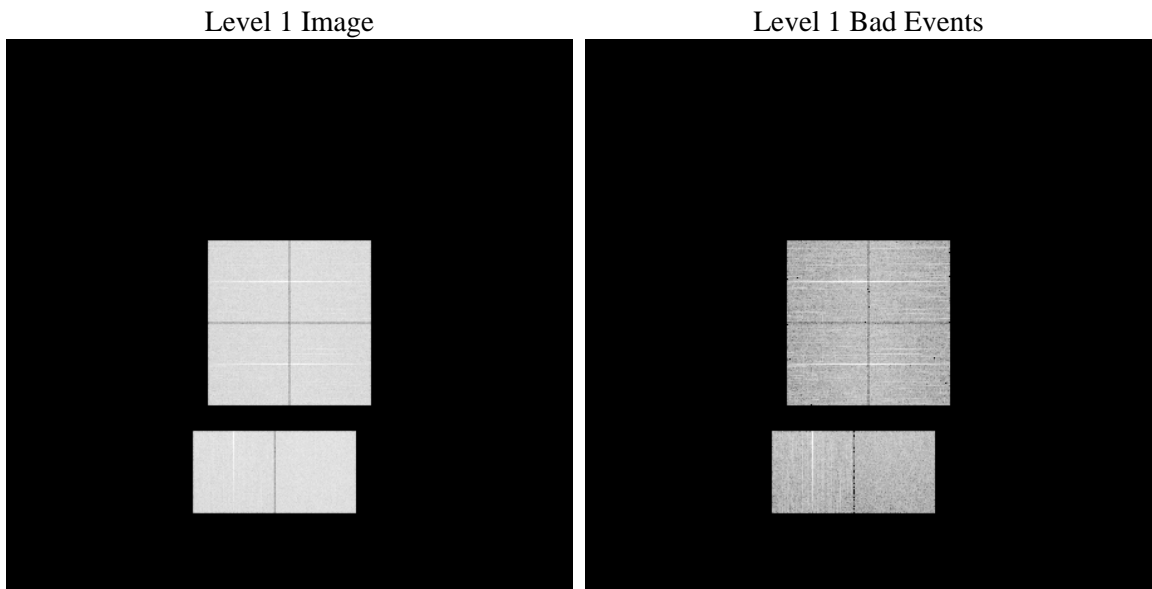
1 Front

seq_num	 	Sequence number
obs_id	59533	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	273.01902712882	Nominal RA [deg]
dec_nom	-25.022842242822	Nominal Dec [deg]
roll_nom	274.19029041342	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8280.5624606609	Sum of GTIs [s]
livetime	8175.7089928279	Livetime [s]
ontime0	7629.3383000791	Sum of GTIs [s]
ontime1	7826.743598938	Sum of GTIs [s]
ontime2	7343.7967558503	Sum of GTIs [s]
ontime3	7596.9285658598	Sum of GTIs [s]
ontime6	8017.8791266084	Sum of GTIs [s]
ontime7	8280.5624606609	Sum of GTIs [s]
l2events	1083679	Number of level 2 events

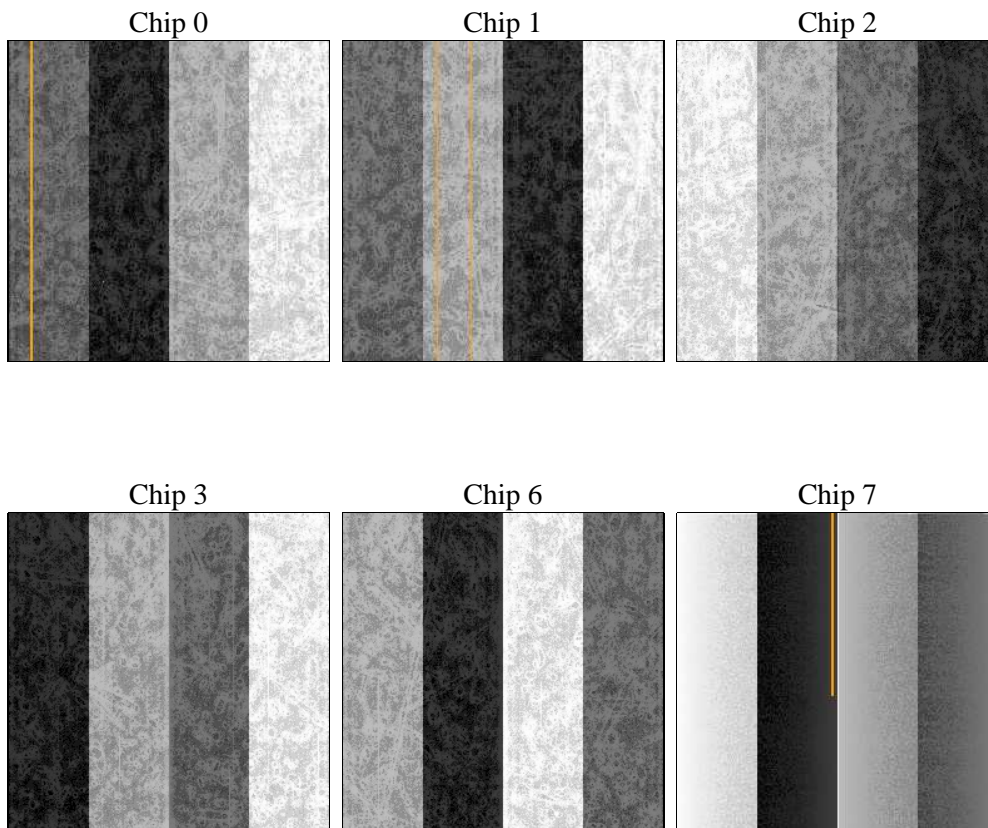
2 OBI

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	8.5.1.1	Processing system revision	ontime	8280.5624606609	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7629.3383000791	Sum of GTIs [s]
date	2012-12-26T17:30:55	Date and time of file creation	ontime1	7826.743598938	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7343.7967558503	Sum of GTIs [s]
			ontime3	7596.9285658598	Sum of GTIs [s]
			ontime6	8017.8791266084	Sum of GTIs [s]
			ontime7	8280.5624606609	Sum of GTIs [s]
			l1events	1488493	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	236393	244702	230911	240364	261903	274220	grade 0 events	98403	100663	97404	101631	105888	51354
rejected events	56571	59341	56815	58760	64441	53231		41%	41%	42%	42%	40%	18%
rejected %	23%	24%	24%	24%	24%	19%	grade 1 events	579	531	673	691	600	181
								0%	0%	0%	0%	0%	0%
							grade 2 events	31485	33589	28770	30667	34082	48289
								13%	13%	12%	12%	13%	17%
							grade 3 events	11746	11810	11321	11695	12428	21568
								4%	4%	4%	4%	4%	7%
							grade 4 events	11526	11602	11419	11981	12485	21264
								4%	4%	4%	4%	4%	7%
							grade 5 events	3449	3601	3166	3607	3836	9030
								1%	1%	1%	1%	1%	3%
							grade 6 events	26662	27697	25182	25630	32579	78514
								11%	11%	10%	10%	12%	28%
							grade 7 events	52543	55209	52976	54462	60005	44020
								22%	22%	22%	22%	22%	16%

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	273.0190271288153	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-25.02284224282166	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	274.1902904134219			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	238548496.637819	238548495.61281			
Observation start date	2005-07-23T23:28:17	2005-07-23T23:28:15			
[s] Observation end time (MET)	238570925.688847	238570924.66383			
Observation end date	2005-07-24T05:42:06	2005-07-24T05:42:04			
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	8.2805624606609

A.2 Comments