

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54517 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 29 2012

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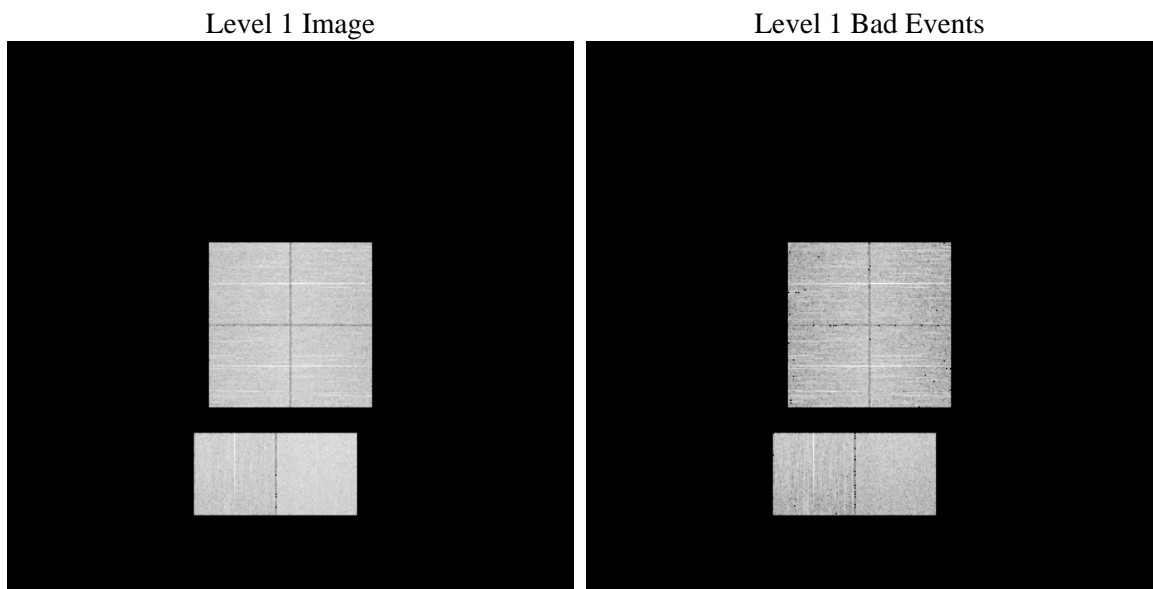
1 Front

seq_num	 	Sequence number
obs_id	54517	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	285.87749879422	Nominal RA [deg]
dec_nom	-26.636380370234	Nominal Dec [deg]
roll_nom	70.579348504613	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8201.5999695063	Sum of GTIs [s]
livetime	8097.7463722818	Livetime [s]
ontime0	8201.5999695063	Sum of GTIs [s]
ontime1	8201.5999695063	Sum of GTIs [s]
ontime2	8201.5999695063	Sum of GTIs [s]
ontime3	8201.5999695063	Sum of GTIs [s]
ontime6	8201.5999695063	Sum of GTIs [s]
ontime7	8201.5999695063	Sum of GTIs [s]
l2events	248739	Number of level 2 events

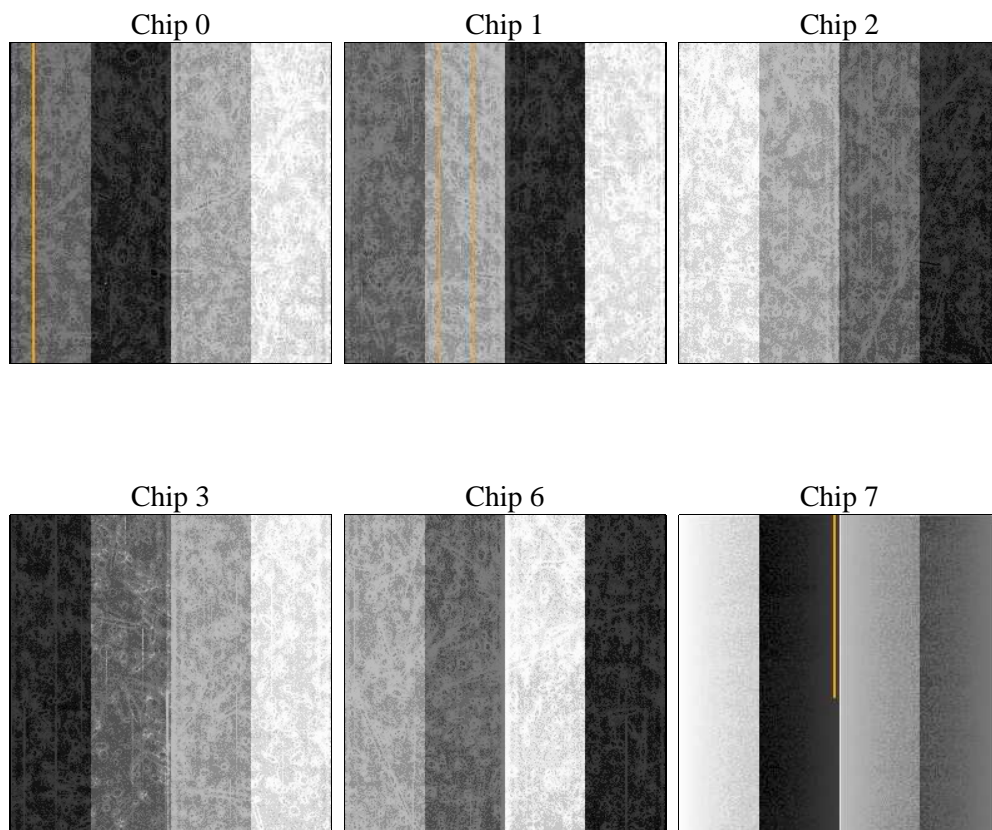
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8201.5999695063	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	8201.5999695063	Sum of GTIs [s]
date	2012-08-29T15:49:51	Date and time of file creation	ontime1	8201.5999695063	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8201.5999695063	Sum of GTIs [s]
			ontime3	8201.5999695063	Sum of GTIs [s]
			ontime6	8201.5999695063	Sum of GTIs [s]
			ontime7	8201.5999695063	Sum of GTIs [s]
			l1events	571142	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	86733	88005	90401	89532	93789	122682	grade 0 events	20456	19773	20946	21329	21062	10869
rejected events	47769	49159	51426	50348	53064	55900		23%	22%	23%	23%	22%	8%
rejected %	55%	55%	56%	56%	56%	45%	grade 1 events	139	114	137	136	86	96
								0%	0%	0%	0%	0%	0%
							grade 2 events	7512	7723	7162	6994	7563	14656
								8%	8%	7%	7%	8%	11%
							grade 3 events	2710	2756	2776	2738	2678	6035
								3%	3%	3%	3%	2%	4%
							grade 4 events	2693	2686	2673	2720	2850	5790
								3%	3%	2%	3%	3%	4%
							grade 5 events	3247	3274	3058	3448	3462	8569
								3%	3%	3%	3%	3%	6%
							grade 6 events	6006	6317	5826	5802	7001	30130
								6%	7%	6%	6%	7%	24%
							grade 7 events	43970	45362	47823	46365	49087	46537
								50%	51%	52%	51%	52%	37%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	285.8774987942228
[deg] Pointing Dec	0	-26.6363803702343
[deg] Pointing Roll	0.0	70.57934850461274
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	457396039.871444	457396039.871444
Observation start date	2012-06-29T22:27:20	2012-06-29T22:27:19
[s] Observation end time (MET)	457405588.043084	457405588.043084
Observation end date	2012-06-30T01:06:28	2012-06-30T01:06:28
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2015999695063

A.2 Comments