

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55538 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

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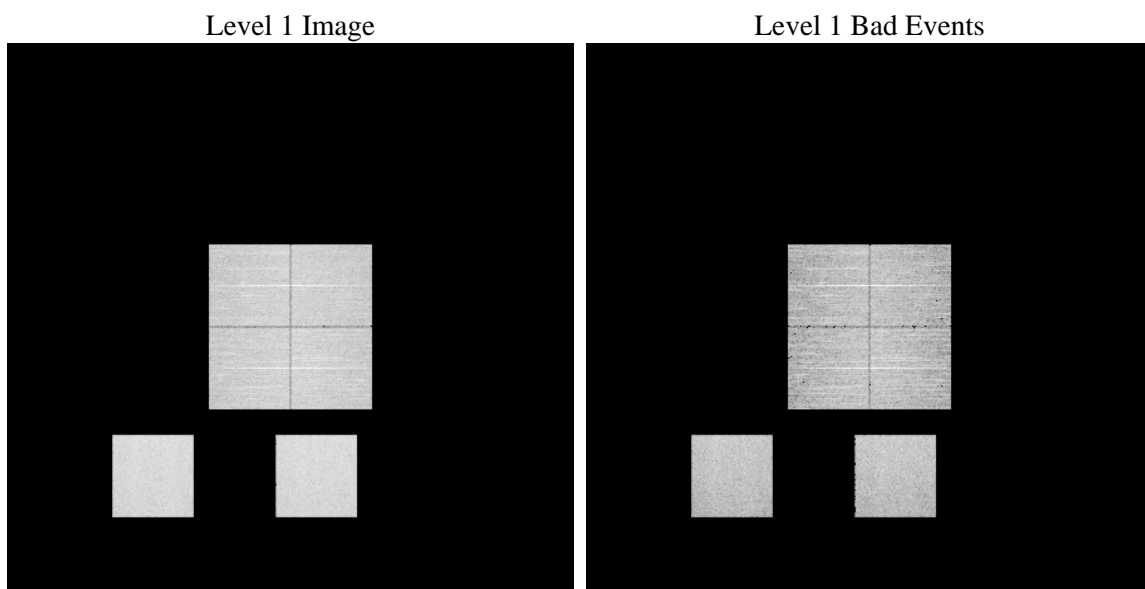
1 Front

seq_num	 	Sequence number
obs_id	55538	Observation id
title	ACIS-012357 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	200.02514348924	Nominal RA [deg]
dec_nom	-37.978389021142	Nominal Dec [deg]
roll_nom	11.90073556979	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8284.7999691963	Sum of GTIs [s]
livetime	8179.8928434787	Livetime [s]
ontime0	8284.7985089421	Sum of GTIs [s]
ontime1	8284.7574689388	Sum of GTIs [s]
ontime2	8284.7164289355	Sum of GTIs [s]
ontime3	8284.7999691963	Sum of GTIs [s]
ontime5	8284.6753889322	Sum of GTIs [s]
ontime7	8284.7999691963	Sum of GTIs [s]
l2events	357712	Number of level 2 events

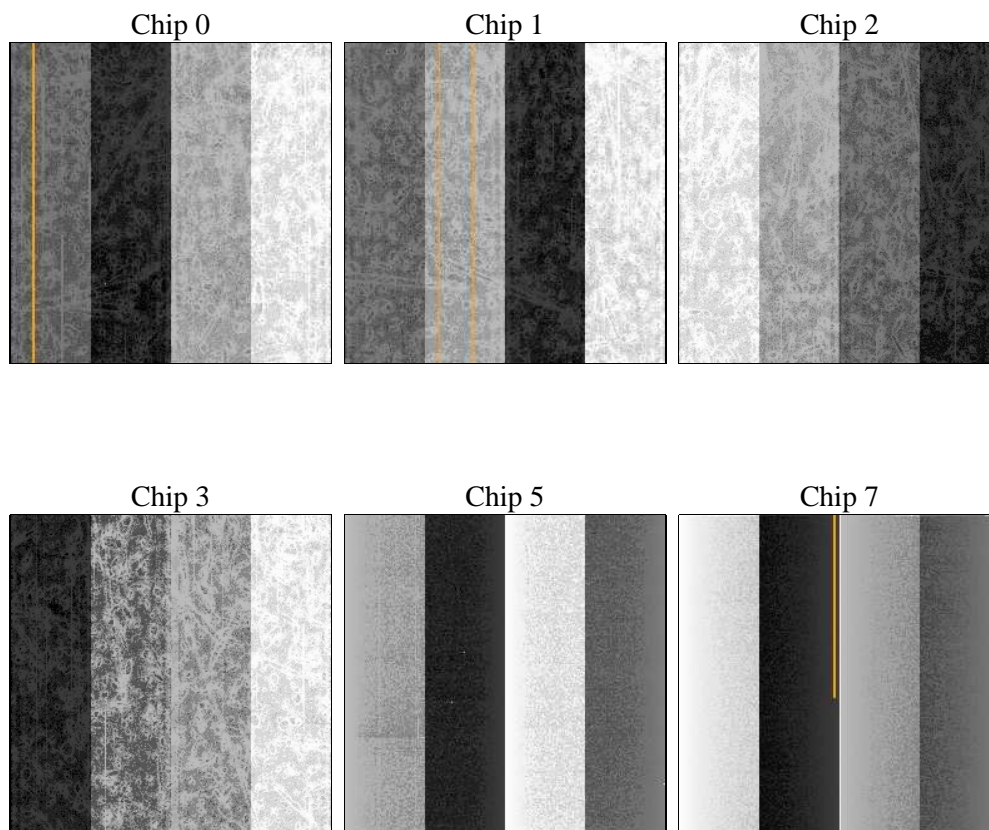
2 OBI

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	8.4.3	Processing system revision	ontime	8284.7999691963	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8284.7985089421	Sum of GTIs [s]
date	2012-02-07T15:43:56	Date and time of file creation	ontime1	8284.7574689388	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8284.7164289355	Sum of GTIs [s]
			ontime3	8284.7999691963	Sum of GTIs [s]
			ontime5	8284.6753889322	Sum of GTIs [s]
			ontime7	8284.7999691963	Sum of GTIs [s]
			l1events	709672	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	105748	103945	106274	110590	142157	140958	grade 0 events	27896	27025	27735	28688	10096	14168
rejected events	53214	51215	54582	57615	59561	58665		26%	25%	26%	25%	7%	10%
rejected %	50%	49%	51%	52%	41%	41%	grade 1 events	181	142	174	179	161	119
								0%	0%	0%	0%	0%	0%
							grade 2 events	9715	10175	9276	9306	29342	17895
								9%	9%	8%	8%	20%	12%
							grade 3 events	3572	3550	3608	3649	3550	7420
								3%	3%	3%	3%	2%	5%
							grade 4 events	3442	3499	3560	3594	3415	7207
								3%	3%	3%	3%	2%	5%
							grade 5 events	3485	3428	3226	3747	7528	9302
								3%	3%	3%	3%	5%	6%
							grade 6 events	7929	8503	7531	7762	36222	35622
								7%	8%	7%	7%	25%	25%
							grade 7 events	49528	47623	51164	53665	51843	49225
								46%	45%	48%	48%	36%	34%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	200.0251434892395	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-37.97838902114239	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	11.90073556979029	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	418355513.480742	418355512.45576			
Observation start date	2011-04-05T01:51:53	2011-04-05T01:51:52			
[s] Observation end time (MET)	418365091.081238	418365090.05626			
Observation end date	2011-04-05T04:31:31	2011-04-05T04:31:30			
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)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691963

A.2 Comments