

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51678 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 22 2015

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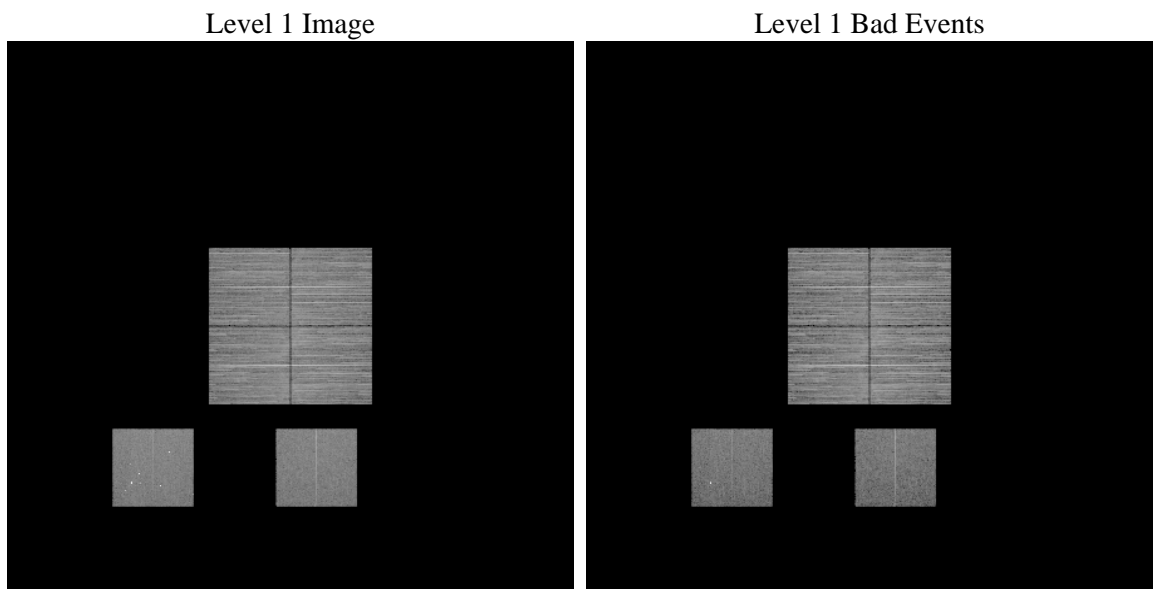
1 Front

seq_num	 	Sequence number
obs_id	51678	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	317.98723794189	Nominal RA [deg]
dec_nom	8.974027208129	Nominal Dec [deg]
roll_nom	211.30537471096	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8431.870439291	Sum of GTIs [s]
livetime	8325.1010187259	Livetime [s]
ontime0	8431.8293992281	Sum of GTIs [s]
ontime1	8431.7883592844	Sum of GTIs [s]
ontime2	8431.7473192215	Sum of GTIs [s]
ontime3	8431.9114792347	Sum of GTIs [s]
ontime5	8431.7062792778	Sum of GTIs [s]
ontime7	8431.870439291	Sum of GTIs [s]
l2events	178426	Number of level 2 events

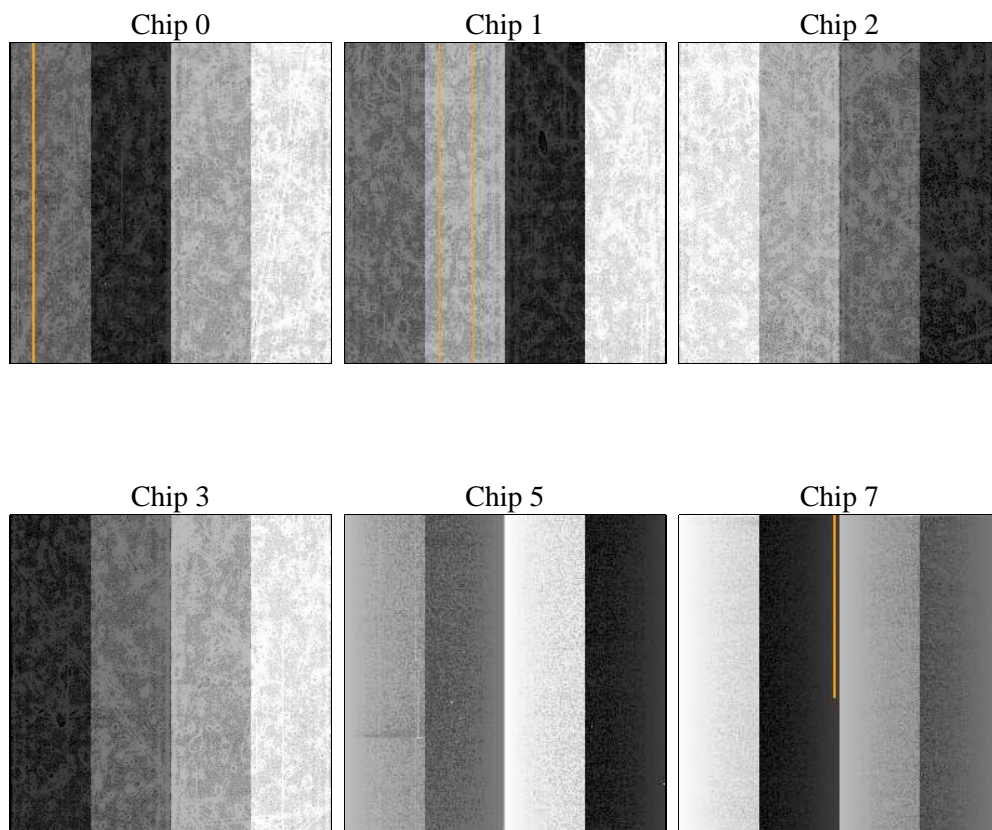
2 OBI

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	10.4.1	Processing system revision	ontime	8431.870439291	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8431.8293992281	Sum of GTIs [s]
date	2015-08-22T19:07:42	Date and time of file creation	ontime1	8431.7883592844	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8431.7473192215	Sum of GTIs [s]
			ontime3	8431.9114792347	Sum of GTIs [s]
			ontime5	8431.7062792778	Sum of GTIs [s]
			ontime7	8431.870439291	Sum of GTIs [s]
			l1events	885717	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	148062	157609	154151	164162	139583	122150	grade 0 events	10278	9422	10686	10754	11374	5377
rejected events	126426	136132	132668	142190	78276	73332		6%	5%	6%	6%	8%	4%
rejected %	85%	86%	86%	86%	56%	60%	grade 1 events	62	41	53	78	179	66
								0%	0%	0%	0%	0%	0%
							grade 2 events	4698	5301	4501	4531	20118	12080
								3%	3%	2%	2%	14%	9%
							grade 3 events	1479	1425	1538	1589	1462	3495
								0%	0%	0%	0%	1%	2%
							grade 4 events	1547	1509	1466	1546	1467	3462
								1%	0%	0%	0%	1%	2%
							grade 5 events	2933	2933	2828	3132	5857	7328
								1%	1%	1%	1%	4%	5%
							grade 6 events	3634	3820	3292	3552	26886	24404
								2%	2%	2%	2%	19%	19%
							grade 7 events	123431	133158	129787	138980	72240	65938
								83%	84%	84%	84%	51%	53%

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	317.9872379418889	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	8.974027208129044	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	211.3053747109583	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	556601027.018788	556601025.99379			
Observation start date	2015-08-22T03:23:47	2015-08-22T03:23:45			
[s] Observation end time (MET)	556611775.169394	556611774.14439			
Observation end date	2015-08-22T06:22:55	2015-08-22T06:22:54			
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)	2015.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.431870439291

A.2 Comments