

V&V Reference Report

L2 ASCDS Version : 10.3.1

Observation 52206 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 1 2015

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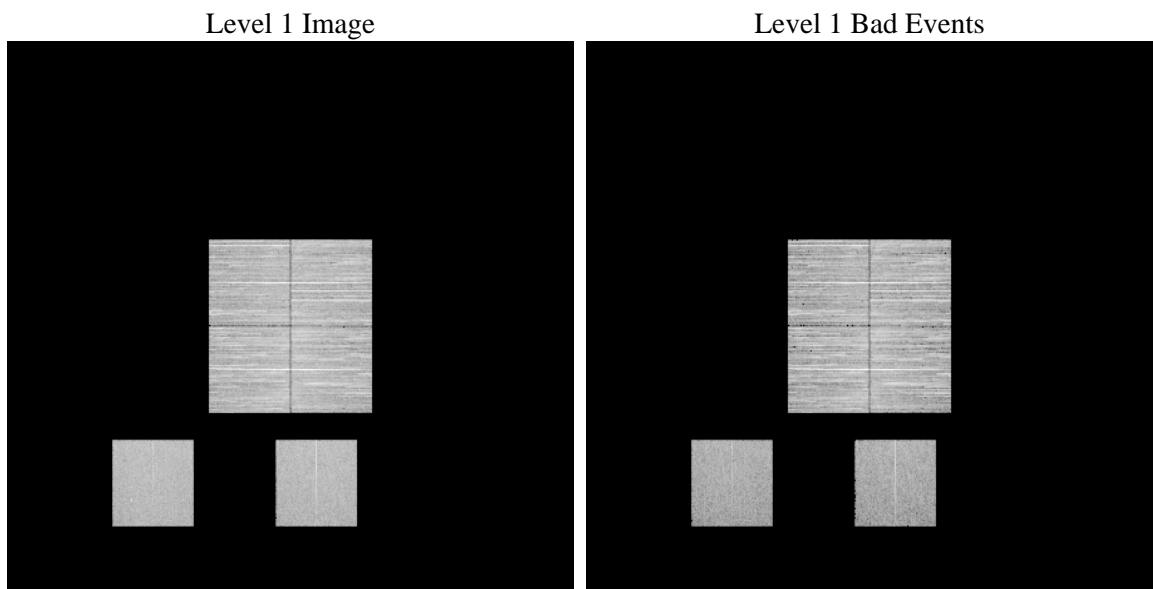
1 Front

seq_num	 	Sequence number
obs_id	52206	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	120.71161625178	Nominal RA [deg]
dec_nom	-4.5734929994129	Nominal Dec [deg]
roll_nom	33.574428864381	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8287.306212306	Sum of GTIs [s]
livetime	8182.3673510291	Livetime [s]
ontime0	8196.5575672984	Sum of GTIs [s]
ontime1	8186.8339818716	Sum of GTIs [s]
ontime2	8199.7942410707	Sum of GTIs [s]
ontime3	8203.0391917825	Sum of GTIs [s]
ontime5	8287.2612714171	Sum of GTIs [s]
ontime7	8287.306212306	Sum of GTIs [s]
l2events	184815	Number of level 2 events

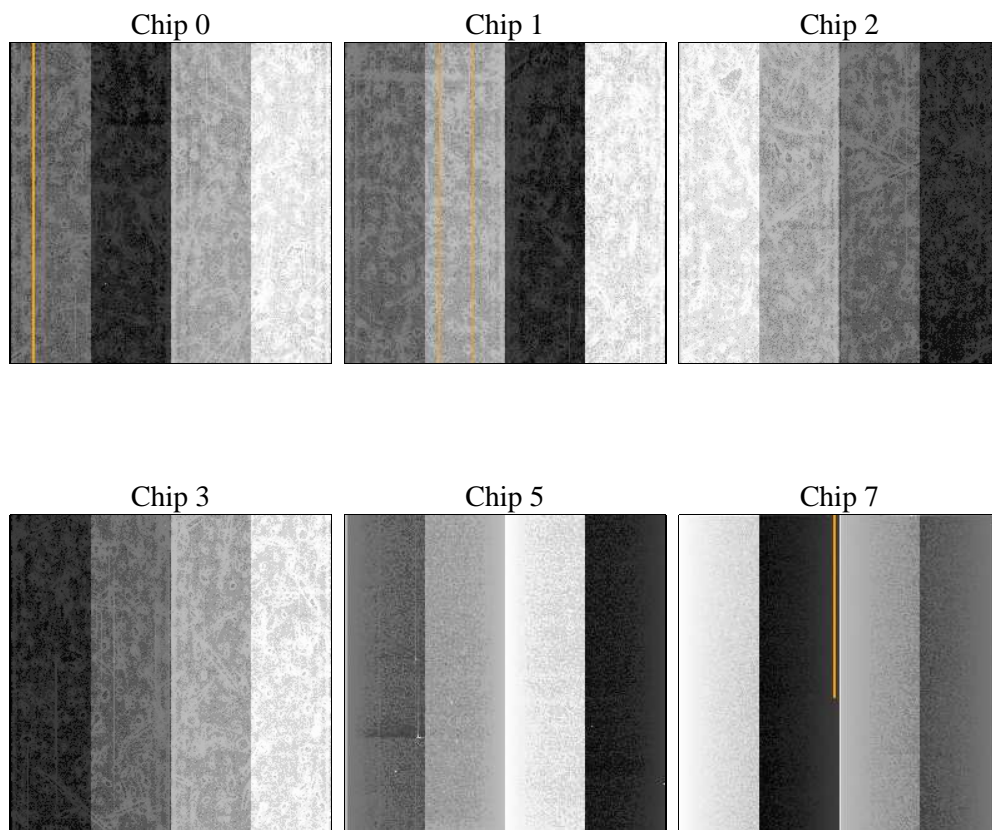
2 OBI

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	10.3.1	Processing system revision	ontime	8287.306212306	Sum of GTIs [s]
caldbver	4.6.5	 	ontime0	8196.5575672984	Sum of GTIs [s]
date	2015-01-01T20:58:31	Date and time of file creation	ontime1	8186.8339818716	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8199.7942410707	Sum of GTIs [s]
			ontime3	8203.0391917825	Sum of GTIs [s]
			ontime5	8287.2612714171	Sum of GTIs [s]
			ontime7	8287.306212306	Sum of GTIs [s]
			l1events	752239	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	124901	135875	135280	133281	113480	109422	grade 0 events	11765	11431	12179	12142	3823	6160
rejected events	100932	111496	110832	109304	63858	62052		9%	8%	9%	9%	3%	5%
rejected %	80%	82%	81%	82%	56%	56%	grade 1 events	57	51	78	71	128	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	4968	5560	4924	4697	18599	11705
								3%	4%	3%	3%	16%	10%
							grade 3 events	1657	1588	1708	1663	1649	3690
								1%	1%	1%	1%	1%	3%
							grade 4 events	1588	1535	1721	1701	1547	3649
								1%	1%	1%	1%	1%	3%
							grade 5 events	2603	2576	2547	2657	5036	6709
								2%	1%	1%	1%	4%	6%
							grade 6 events	3991	4265	3916	3774	24004	22166
								3%	3%	2%	2%	21%	20%
							grade 7 events	98272	108869	108207	106576	58694	55275
								78%	80%	79%	79%	51%	50%

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	120.7116162517756	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.57349299941286	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	33.57442886438096	[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	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	536492709.141419	536492708.11642			
Observation start date	2015-01-01T09:45:09	2015-01-01T09:45:08			
[s] Observation end time (MET)	536504521.242078	536504520.21708			
Observation end date	2015-01-01T13:02:01	2015-01-01T13:02:00			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.287306212306

A.2 Comments