

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52067 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 18 2015

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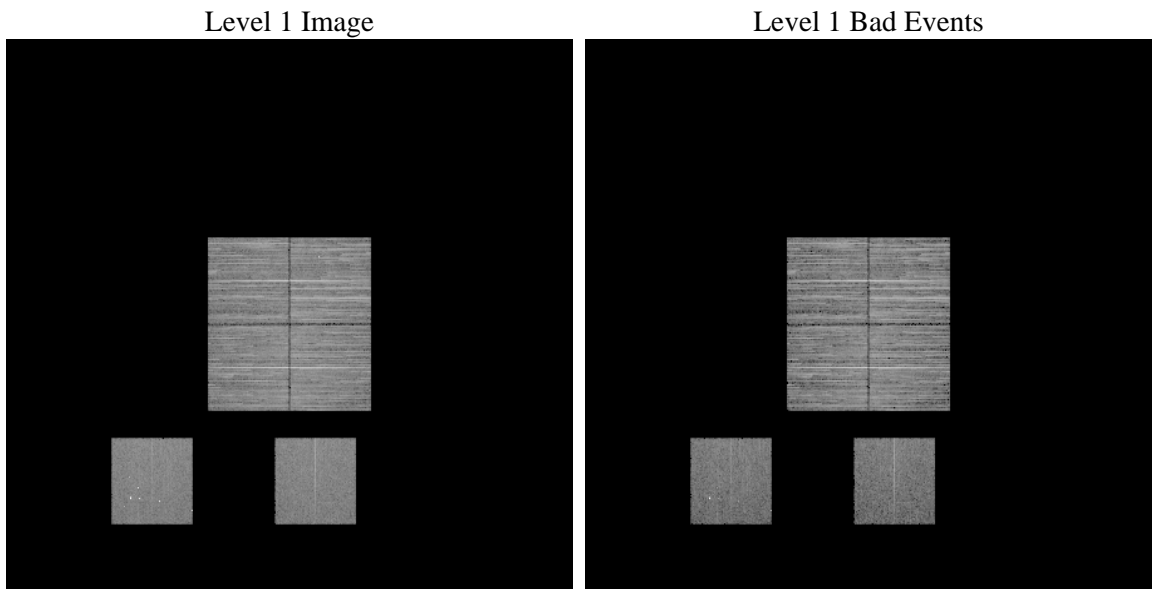
1 Front

seq_num	 	Sequence number
obs_id	52067	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	150.92501906745	Nominal RA [deg]
dec_nom	26.339889032524	Nominal Dec [deg]
roll_nom	187.53903714833	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5859.0981669426	Sum of GTIs [s]
livetime	5784.9067380274	Livetime [s]
ontime0	5859.0571268797	Sum of GTIs [s]
ontime1	5859.016086936	Sum of GTIs [s]
ontime2	5858.9750468731	Sum of GTIs [s]
ontime3	5859.1392068863	Sum of GTIs [s]
ontime5	5858.9340069294	Sum of GTIs [s]
ontime7	5859.0981669426	Sum of GTIs [s]
l2events	160652	Number of level 2 events

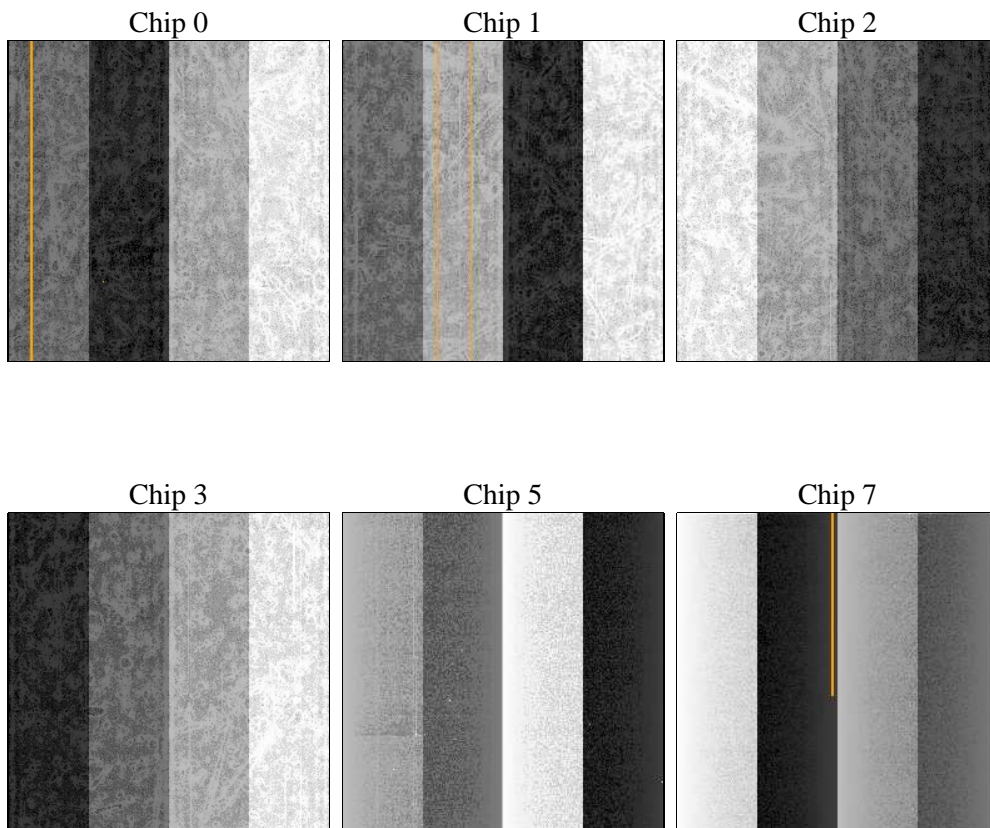
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3.3	Processing system revision	ontime	5859.0981669426	Sum of GTIs [s]
caldsver	4.6.6	 	ontime0	5859.0571268797	Sum of GTIs [s]
date	2015-02-18T15:50:57	Date and time of file creation	ontime1	5859.016086936	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5858.9750468731	Sum of GTIs [s]
			ontime3	5859.1392068863	Sum of GTIs [s]
			ontime5	5858.9340069294	Sum of GTIs [s]
			ontime7	5859.0981669426	Sum of GTIs [s]
			l1events	678360	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	113701	133340	117934	122138	99533	91714	grade 0 events	10366	9427	10807	11162	6394	5268
rejected events	91195	110425	95706	99341	55921	52810		9%	7%	9%	9%	6%	5%
rejected %	80%	82%	81%	81%	56%	57%	grade 1 events	75	36	57	66	218	66
								0%	0%	0%	0%	0%	0%
							grade 2 events	5669	6834	5196	5112	15818	10247
								4%	5%	4%	4%	15%	11%
							grade 3 events	1412	1253	1477	1434	1200	2757
								1%	0%	1%	1%	1%	3%
							grade 4 events	1330	1255	1389	1452	1177	2647
								1%	0%	1%	1%	1%	2%
							grade 5 events	1892	1858	1849	2125	3934	4991
								1%	1%	1%	1%	3%	5%
							grade 6 events	4210	4637	3883	4210	20381	19105
								3%	3%	3%	3%	20%	20%
							grade 7 events	88747	108040	93276	96577	50411	46633
								78%	81%	79%	79%	50%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	150.9250190674539
[deg] Pointing Dec	0	26.33988903252359
[deg] Pointing Roll	0.0	187.5390371483322
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)	540606512.0211411	540606512.0211411
Observation start date	2015-02-18T00:28:32	2015-02-18T00:28:32
[s] Observation end time (MET)	540615489.469023	540615489.469023
Observation end date	2015-02-18T02:58:09	2015-02-18T02:58:09
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)	2015.02.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.8590981669426

A.2 Comments