

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51812 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 25 2015

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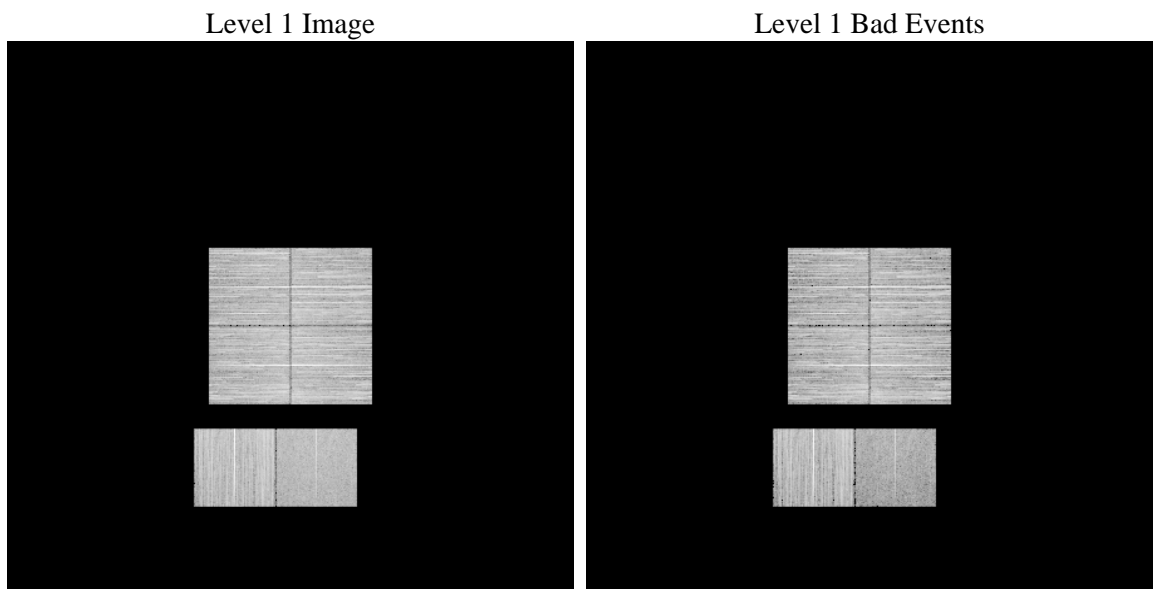
1 Front

seq_num	 	Sequence number
obs_id	51812	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	243.00386138362	Nominal RA [deg]
dec_nom	-10.02810434962	Nominal Dec [deg]
roll_nom	241.33038163684	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8268.8001232147	Sum of GTIs [s]
livetime	8164.0955971809	Livetime [s]
ontime0	8268.8001232147	Sum of GTIs [s]
ontime1	8268.8001232147	Sum of GTIs [s]
ontime2	8268.8001232147	Sum of GTIs [s]
ontime3	8268.8001232147	Sum of GTIs [s]
ontime6	8268.8001232147	Sum of GTIs [s]
ontime7	8268.8001232147	Sum of GTIs [s]
l2events	139709	Number of level 2 events

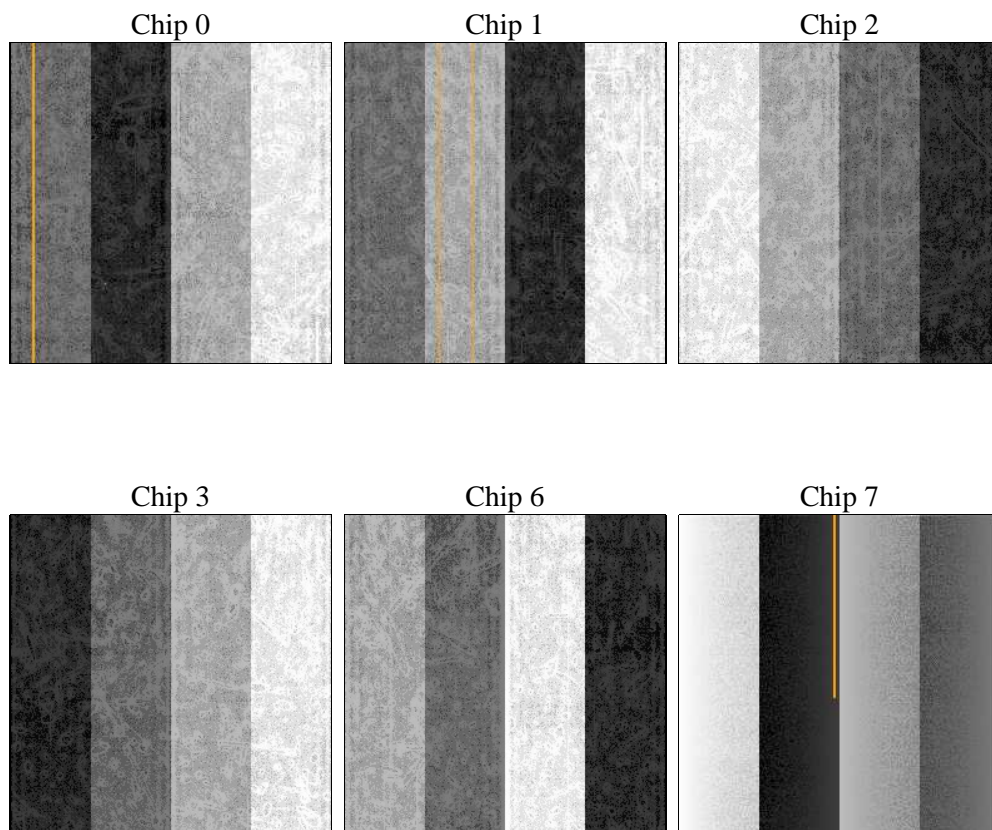
2 OBI

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	10.4	Processing system revision	ontime	8268.8001232147	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8268.8001232147	Sum of GTIs [s]
date	2015-06-25T15:32:31	Date and time of file creation	ontime1	8268.8001232147	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8268.8001232147	Sum of GTIs [s]
			ontime3	8268.8001232147	Sum of GTIs [s]
			ontime6	8268.8001232147	Sum of GTIs [s]
			ontime7	8268.8001232147	Sum of GTIs [s]
			l1events	763552	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	122165	130260	131068	137678	136876	105505	grade 0 events	10567	10270	10813	10839	10576	5450
rejected events	101417	109247	110268	116730	115205	62108		8%	7%	8%	7%	7%	5%
rejected %	83%	83%	84%	84%	84%	58%	grade 1 events	47	54	59	70	47	81
								0%	0%	0%	0%	0%	0%
							grade 2 events	4339	4606	4126	4266	4653	11221
								3%	3%	3%	3%	3%	10%
							grade 3 events	1475	1481	1494	1535	1470	3481
								1%	1%	1%	1%	1%	3%
							grade 4 events	1423	1491	1458	1528	1481	3496
								1%	1%	1%	1%	1%	3%
							grade 5 events	2559	2529	2380	2836	2765	6549
								2%	1%	1%	2%	2%	6%
							grade 6 events	3425	3651	3376	3279	3998	20721
								2%	2%	2%	2%	2%	19%
							grade 7 events	98330	106178	107362	113325	111886	54506
								80%	81%	81%	82%	81%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	243.0038613836221	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-10.02810434961965	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	241.3303816368436	[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)	551575724.385884	551575723.36088			
Observation start date	2015-06-24T23:28:44	2015-06-24T23:28:43			
[s] Observation end time (MET)	551586794.386506	551586793.36151			
Observation end date	2015-06-25T02:33:14	2015-06-25T02:33:13			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2688001232147

A.2 Comments