

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51238 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 18 2016

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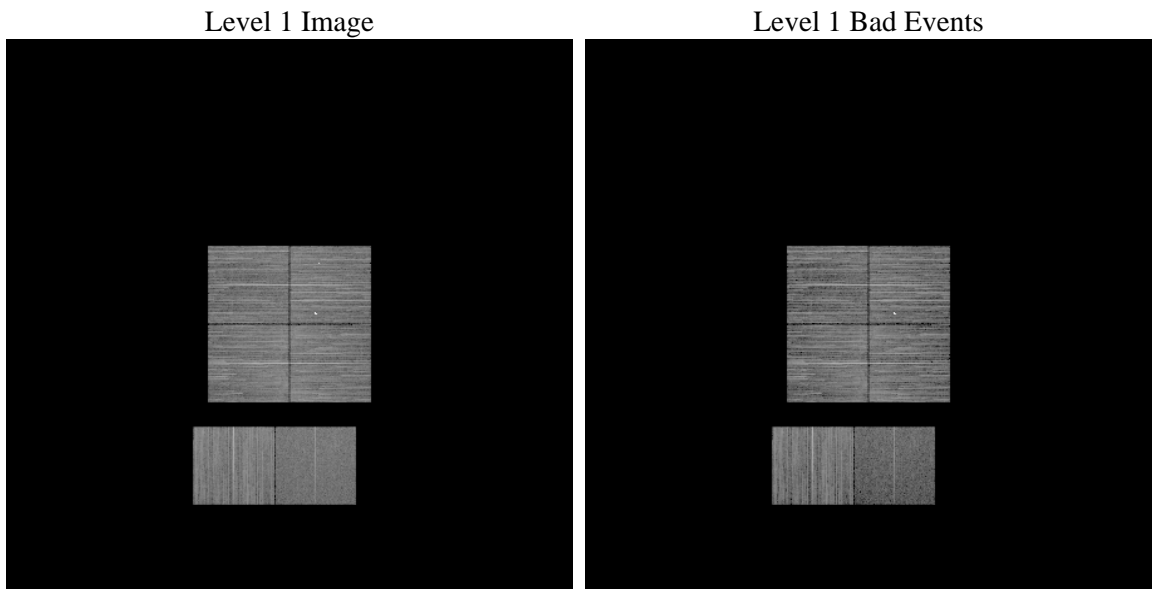
1 Front

seq_num	 	Sequence number
obs_id	51238	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	145.02795381199	Nominal RA [deg]
dec_nom	-11.990421463085	Nominal Dec [deg]
roll_nom	346.60573776306	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5686.400084734	Sum of GTIs [s]
livetime	5614.395462922	Livetime [s]
ontime0	5686.400084734	Sum of GTIs [s]
ontime1	5686.400084734	Sum of GTIs [s]
ontime2	5686.400084734	Sum of GTIs [s]
ontime3	5686.400084734	Sum of GTIs [s]
ontime6	5686.400084734	Sum of GTIs [s]
ontime7	5686.400084734	Sum of GTIs [s]
l2events	169325	Number of level 2 events

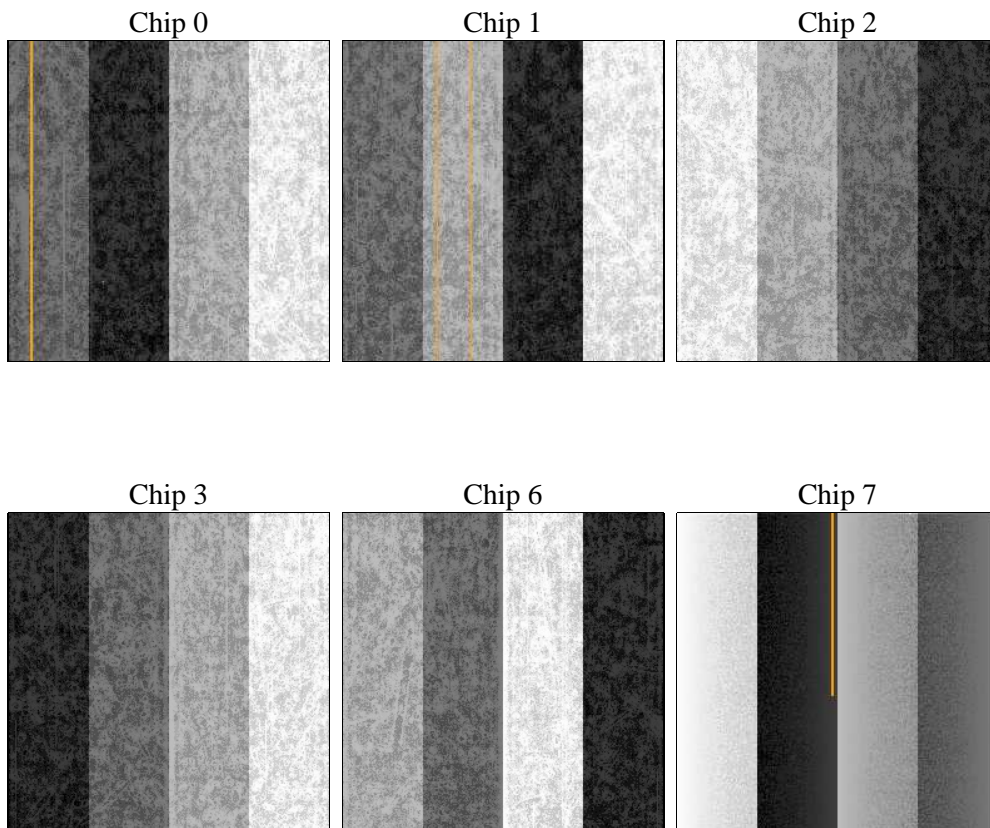
2 OBI

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	10.4.3.1	Processing system revision	ontime	5686.400084734	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	5686.400084734	Sum of GTIs [s]
date	2016-02-18T15:59:10	Date and time of file creation	ontime1	5686.400084734	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5686.400084734	Sum of GTIs [s]
			ontime3	5686.400084734	Sum of GTIs [s]
			ontime6	5686.400084734	Sum of GTIs [s]
			ontime7	5686.400084734	Sum of GTIs [s]
			l1events	795973	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	126432	146883	139660	137127	142106	103765	grade 0 events	12058	13612	12560	12440	11452	6064
rejected events	99847	117352	113288	110499	113954	58755		9%	9%	8%	9%	8%	5%
rejected %	78%	79%	81%	80%	80%	56%	grade 1 events	84	6968	92	83	54	83
								0%	4%	0%	0%	0%	0%
							grade 2 events	6228	7424	5653	5735	7314	11796
								4%	5%	4%	4%	5%	11%
							grade 3 events	1628	1520	1644	1782	1567	3046
								1%	1%	1%	1%	1%	2%
							grade 4 events	1574	1547	1685	1723	1555	2967
								1%	1%	1%	1%	1%	2%
							grade 5 events	2330	2292	2164	2552	2394	5726
								1%	1%	1%	1%	1%	5%
							grade 6 events	5261	5630	4984	5098	6424	21550
								4%	3%	3%	3%	4%	20%
							grade 7 events	97269	107890	110878	107714	111346	52533
								76%	73%	79%	78%	78%	50%

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	145.027953811986	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.99042146308491	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	346.6057377630556	[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)	572143460.388056	572143459.36306			
Observation start date	2016-02-18T00:44:20	2016-02-18T00:44:19			
[s] Observation end time (MET)	572150955.188482	572150954.16348			
Observation end date	2016-02-18T02:49:15	2016-02-18T02:49:14			
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)	2016.02.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.686400084734

A.2 Comments