

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51363 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 4 2016

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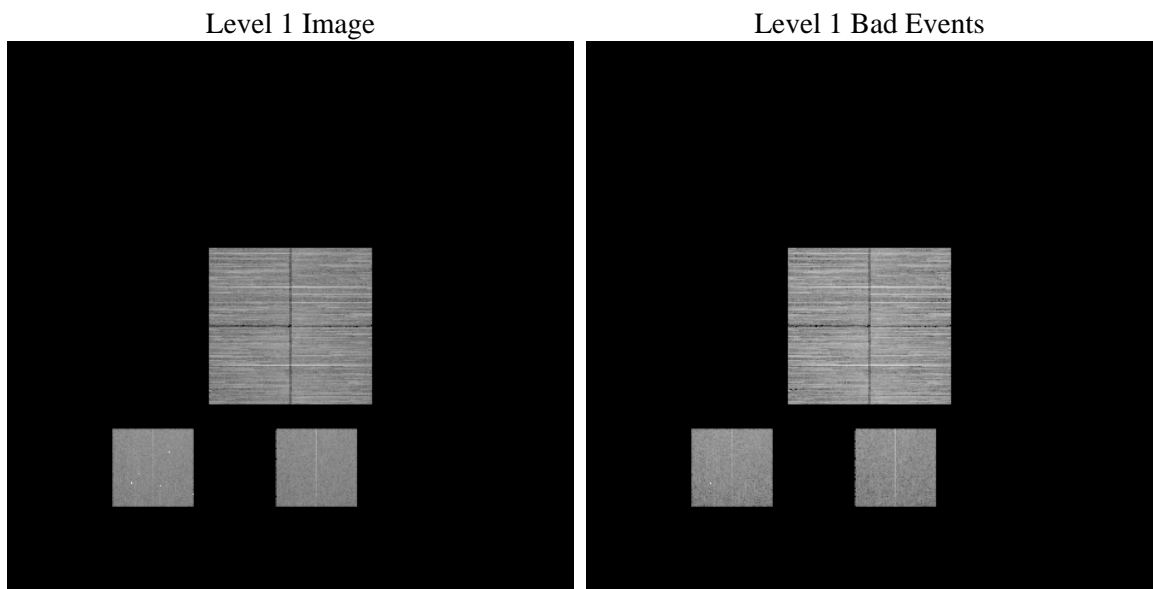
1 Front

seq_num	 	Sequence number
obs_id	51363	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	84.013130766125	Nominal RA [deg]
dec_nom	26.973631181014	Nominal Dec [deg]
roll_nom	261.12448702856	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8281.6001234055	Sum of GTIs [s]
livetime	8176.733516062	Livetime [s]
ontime0	8281.6001234055	Sum of GTIs [s]
ontime1	8281.6001234055	Sum of GTIs [s]
ontime2	8281.5910357237	Sum of GTIs [s]
ontime3	8281.6001234055	Sum of GTIs [s]
ontime5	8281.54999578	Sum of GTIs [s]
ontime7	8281.6001234055	Sum of GTIs [s]
l2events	179740	Number of level 2 events

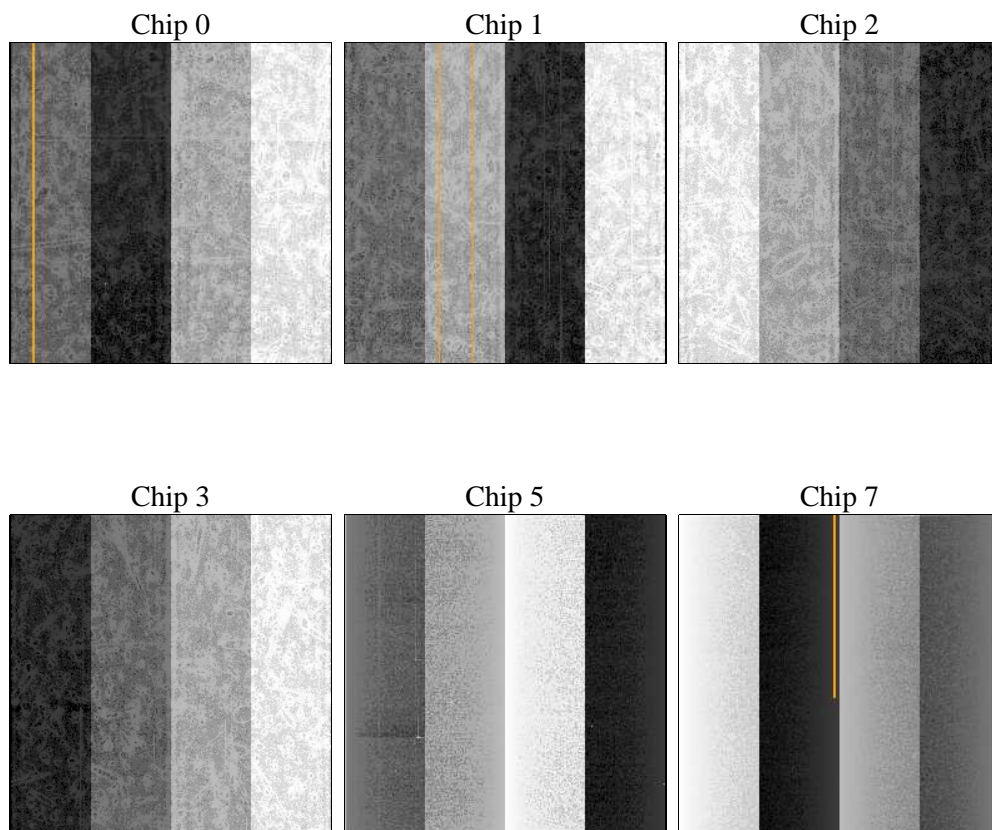
2 OBI

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	Processing system revision	ontime	8281.6001234055	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	8281.6001234055	Sum of GTIs [s]
date	2016-01-04T05:34:12	Date and time of file creation	ontime1	8281.6001234055	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8281.5910357237	Sum of GTIs [s]
			ontime3	8281.6001234055	Sum of GTIs [s]
			ontime5	8281.54999578	Sum of GTIs [s]
			ontime7	8281.6001234055	Sum of GTIs [s]
			l1events	887798	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	150447	154954	154900	164083	138911	124503	grade 0 events	9892	9474	10233	10019	7251	5815
rejected events	129650	134207	134130	143622	79305	73586		6%	6%	6%	6%	5%	4%
rejected %	86%	86%	86%	87%	57%	59%	grade 1 events	61	56	81	66	179	99
								0%	0%	0%	0%	0%	0%
							grade 2 events	4414	4708	4252	4111	20912	12544
								2%	3%	2%	2%	15%	10%
							grade 3 events	1544	1467	1532	1461	1980	3992
								1%	0%	0%	0%	1%	3%
							grade 4 events	1436	1406	1505	1539	1905	3938
								0%	0%	0%	0%	1%	3%
							grade 5 events	3096	3089	2929	3423	6757	8267
								2%	1%	1%	2%	4%	6%
							grade 6 events	3516	3702	3255	3342	27583	24648
								2%	2%	2%	2%	19%	19%
							grade 7 events	126488	131052	131113	140122	72344	65200
								84%	84%	84%	85%	52%	52%

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	84.01313076612541	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	26.9736311810143	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	261.1244870285606	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	568211447.414745	568211446.38974			
Observation start date	2016-01-03T12:30:47	2016-01-03T12:30:46			
[s] Observation end time (MET)	568229243.4657561	568229242.44076			
Observation end date	2016-01-03T17:27:23	2016-01-03T17:27:22			
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)	2016.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2816001234055

A.2 Comments