

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51274 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 10 2016

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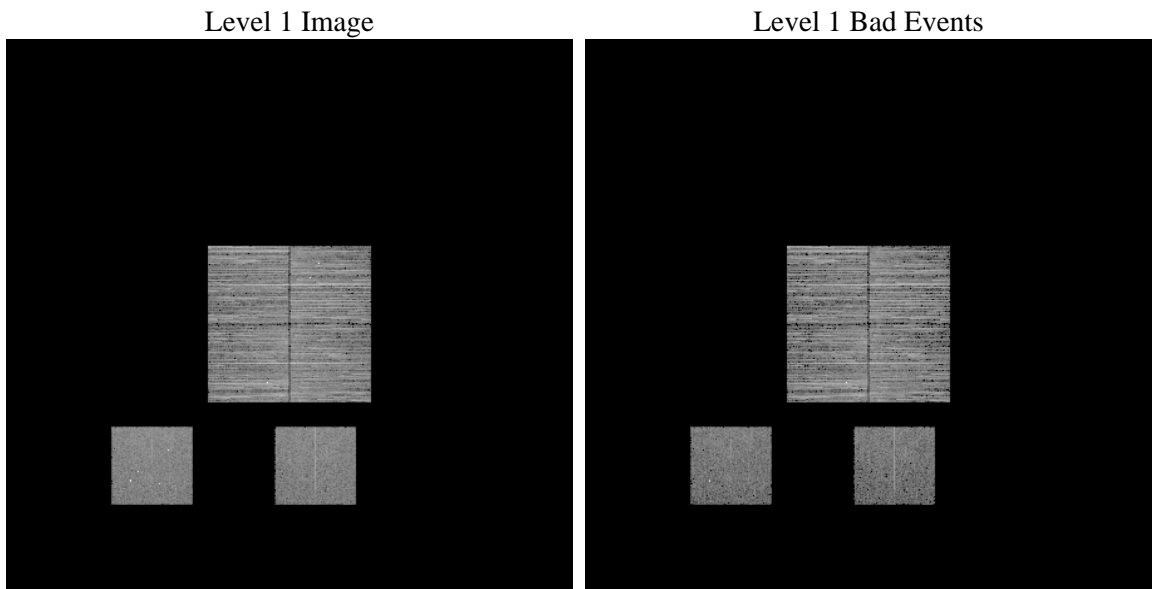
1 Front

seq_num	 	Sequence number
obs_id	51274	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	142.96652740777	Nominal RA [deg]
dec_nom	39.083284350655	Nominal Dec [deg]
roll_nom	178.75801395555	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3216.0000479221	Sum of GTIs [s]
livetime	3175.2771188726	Livetime [s]
ontime0	3216.0000479221	Sum of GTIs [s]
ontime1	3216.0000479221	Sum of GTIs [s]
ontime2	3216.0000479221	Sum of GTIs [s]
ontime3	3216.0000479221	Sum of GTIs [s]
ontime5	3216.0000479221	Sum of GTIs [s]
ontime7	3216.0000479221	Sum of GTIs [s]
l2events	68283	Number of level 2 events

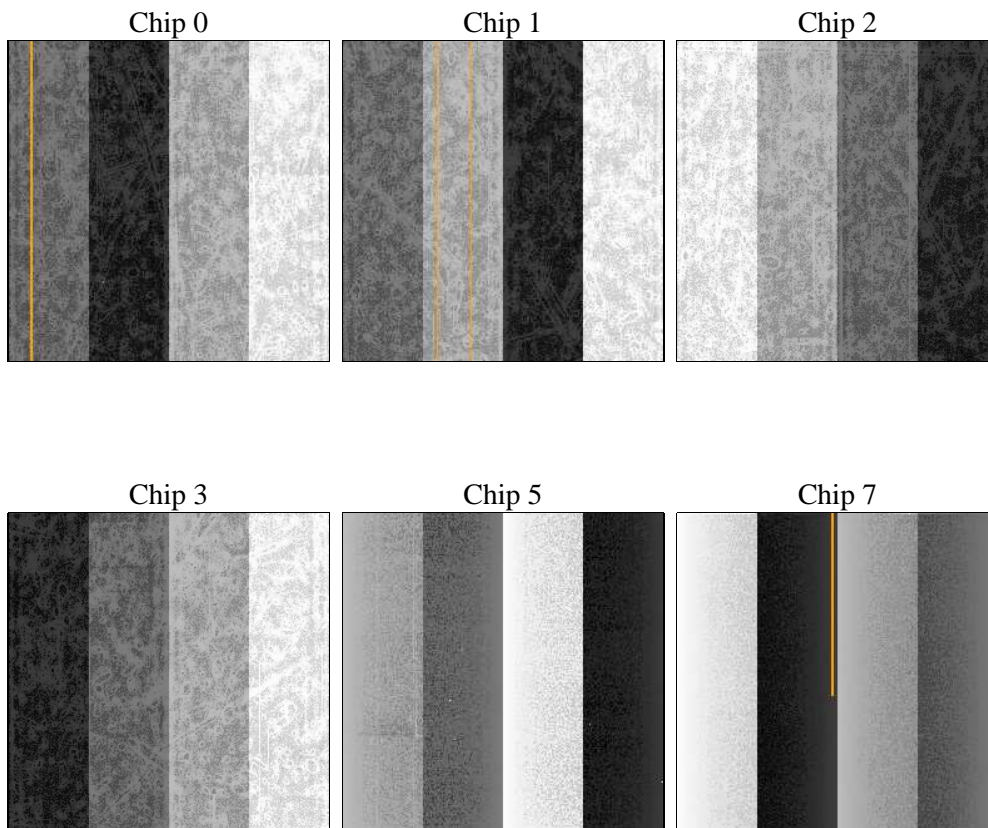
2 OBI

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	3216.0000479221	Sum of GTIs [s]
caldbver	4.7.0	 	ontime0	3216.0000479221	Sum of GTIs [s]
date	2016-02-10T16:07:48	Date and time of file creation	ontime1	3216.0000479221	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3216.0000479221	Sum of GTIs [s]
			ontime3	3216.0000479221	Sum of GTIs [s]
			ontime5	3216.0000479221	Sum of GTIs [s]
			ontime7	3216.0000479221	Sum of GTIs [s]
			l1events	386893	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	70081	73431	69913	65877	57089	50502
rejected events	62096	63451	62257	57832	33770	31606
rejected %	88%	86%	89%	87%	59%	62%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	3630	5246	3722	3924	2940	2022
	5%	7%	5%	5%	5%	4%
grade 1 events	15	26	1015	28	76	38
	0%	0%	1%	0%	0%	0%
grade 2 events	1960	2238	1686	1770	8057	4901
	2%	3%	2%	2%	14%	9%
grade 3 events	558	523	545	589	629	1369
	0%	0%	0%	0%	1%	2%
grade 4 events	558	578	548	589	538	1340
	0%	0%	0%	0%	0%	2%
grade 5 events	1132	1238	1088	1273	2453	3133
	1%	1%	1%	1%	4%	6%
grade 6 events	1415	1556	1273	1302	11522	9564
	2%	2%	1%	1%	20%	18%
grade 7 events	60813	62026	60036	56402	30874	28135
	86%	84%	85%	85%	54%	55%

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	OVERRIDE	OVERRIDE
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	142.9665274077707	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	39.08328435065514	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	178.7580139555456	[s] Primary exposure time	3.2	3.2
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)	571414763.246645	571414763.246645			
Observation start date	2016-02-09T14:19:23	2016-02-09T14:19:23			
[s] Observation end time (MET)	571419310.639944	571419310.639944			
Observation end date	2016-02-09T15:35:11	2016-02-09T15:35:10			
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)	2016.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2160000479221

A.2 Comments