

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51014 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 20 2016

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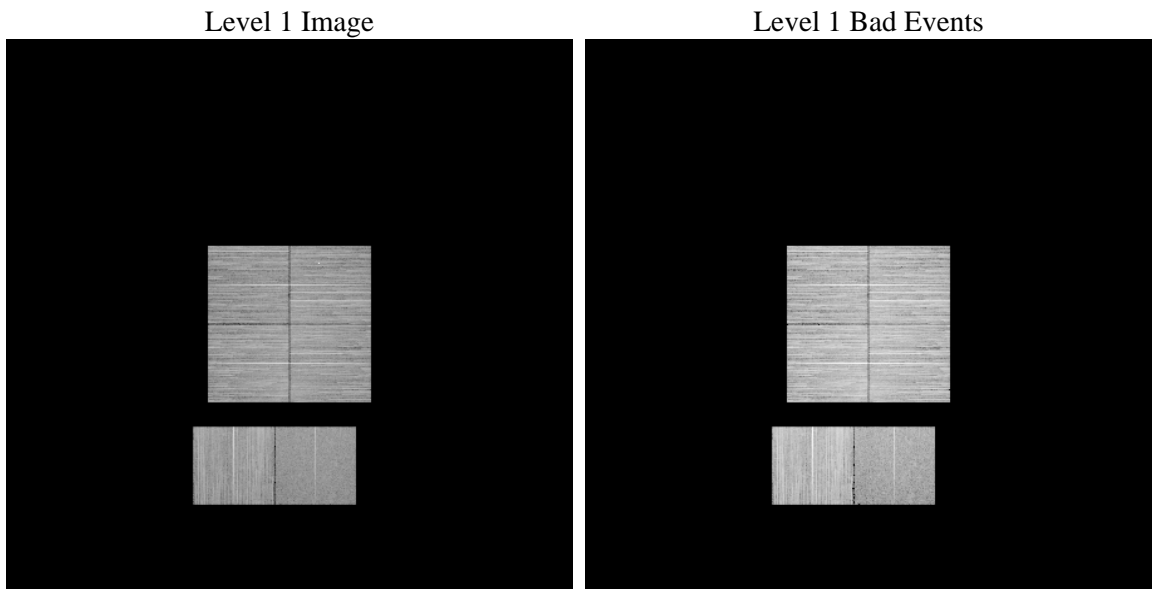
1 Front

seq_num	 	Sequence number
obs_id	51014	Observation id
title	ACIS-012367 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	251.95934945258	Nominal RA [deg]
dec_nom	-15.743558190446	Nominal Dec [deg]
roll_nom	113.67909831477	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8028.4842851162	Sum of GTIs [s]
livetime	7926.8227829252	Livetime [s]
ontime0	8028.4432450533	Sum of GTIs [s]
ontime1	8028.4022051096	Sum of GTIs [s]
ontime2	8025.1200846434	Sum of GTIs [s]
ontime3	8028.5253250599	Sum of GTIs [s]
ontime6	8028.320125103	Sum of GTIs [s]
ontime7	8028.4842851162	Sum of GTIs [s]
l2events	137814	Number of level 2 events

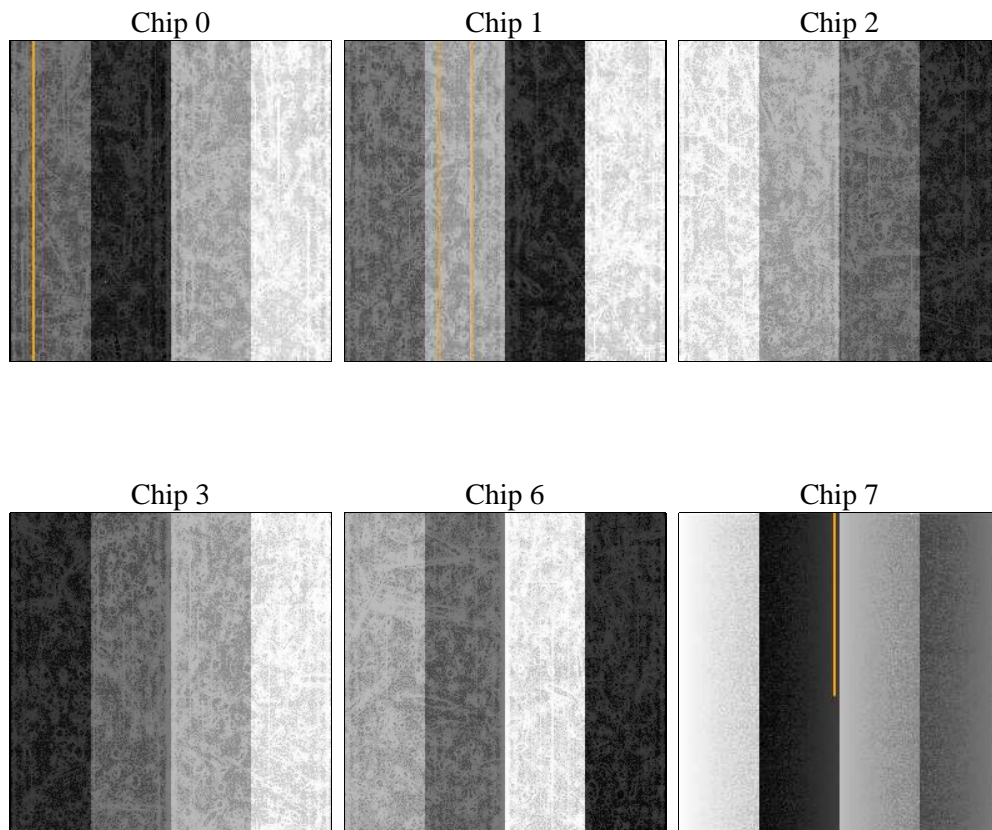
2 OBI

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	8028.4842851162	Sum of GTIs [s]
caldbver	4.7.1	 	ontime0	8028.4432450533	Sum of GTIs [s]
date	2016-05-20T14:39:31	Date and time of file creation	ontime1	8028.4022051096	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8025.1200846434	Sum of GTIs [s]
			ontime3	8028.5253250599	Sum of GTIs [s]
			ontime6	8028.320125103	Sum of GTIs [s]
			ontime7	8028.4842851162	Sum of GTIs [s]
			l1events	1047647	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	163060	185638	194362	192129	179973	132485	grade 0 events	8664	9024	9095	9276	7820	5215
rejected events	143673	164551	175104	172367	160015	83767		5%	4%	4%	4%	4%	3%
rejected %	88%	88%	90%	89%	88%	63%	grade 1 events	61	37	60	66	39	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	5057	6215	4607	4825	6064	12656
								3%	3%	2%	2%	3%	9%
							grade 3 events	1339	1270	1454	1478	1216	3491
								0%	0%	0%	0%	0%	2%
							grade 4 events	1326	1252	1419	1404	1184	3355
								0%	0%	0%	0%	0%	2%
							grade 5 events	2922	2808	2827	3391	3059	7963
								1%	1%	1%	1%	1%	6%
							grade 6 events	3769	4113	3382	3553	4434	25479
								2%	2%	1%	1%	2%	19%
							grade 7 events	139922	160919	171518	168136	156157	74238
								85%	86%	88%	87%	86%	56%

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	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	251.9593494525777	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-15.74355819044642	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	113.6790983147655	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	580093184.477596	580093184.477596			
Observation start date	2016-05-20T00:59:44	2016-05-20T00:59:44			
[s] Observation end time (MET)	580102730.9580719	580102730.9580719			
Observation end date	2016-05-20T03:38:51	2016-05-20T03:38:50			
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)	2016.05.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0284842851162

A.2 Comments