

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56665 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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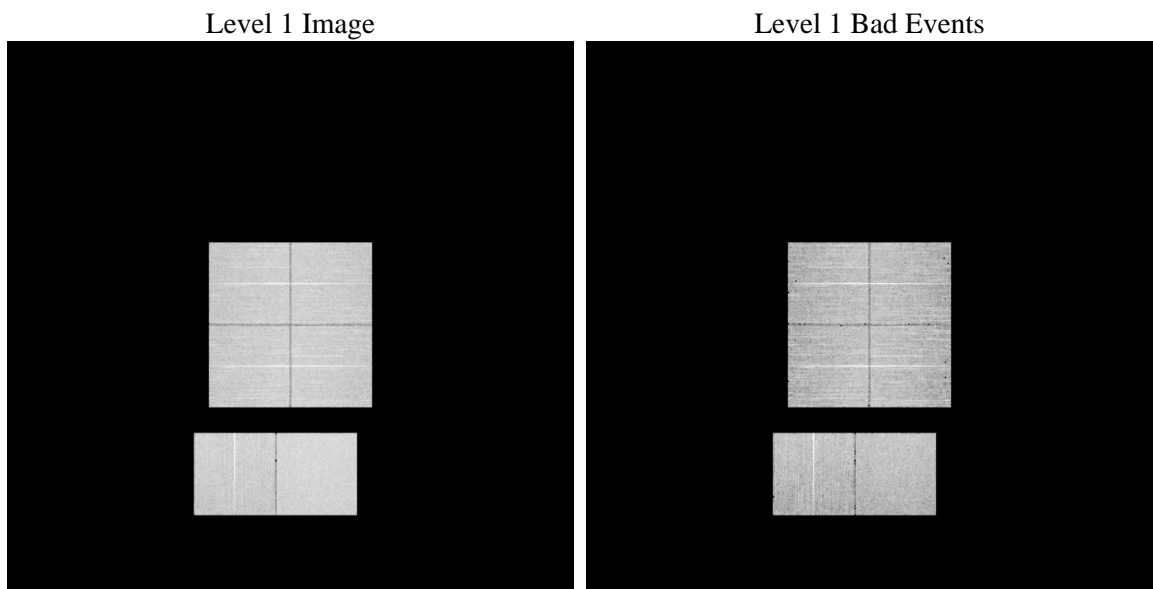
1 Front

seq_num	 	Sequence number
obs_id	56665	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	72.712503797921	Nominal RA [deg]
dec_nom	20.08350252335	Nominal Dec [deg]
roll_nom	91.268884021432	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7017.2729904652	Sum of GTIs [s]
livetime	6928.4160545654	Livetime [s]
ontime0	6916.800750494	Sum of GTIs [s]
ontime1	6920.0417904854	Sum of GTIs [s]
ontime2	6910.3186705112	Sum of GTIs [s]
ontime3	6910.3173931837	Sum of GTIs [s]
ontime6	6920.0404834747	Sum of GTIs [s]
ontime7	7017.2729904652	Sum of GTIs [s]
l2events	370172	Number of level 2 events

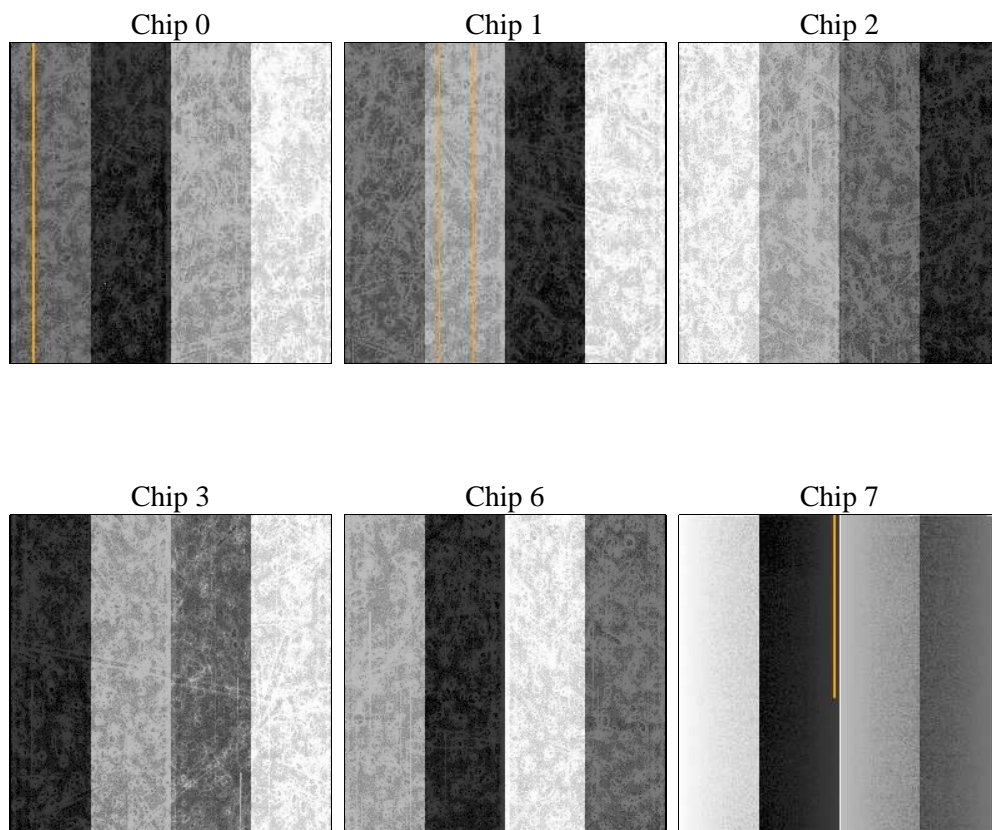
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7017.2729904652	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	6916.800750494	Sum of GTIs [s]
date	2012-06-16T20:12:15	Date and time of file creation	ontime1	6920.0417904854	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6910.3186705112	Sum of GTIs [s]
			ontime3	6910.3173931837	Sum of GTIs [s]
			ontime6	6920.0404834747	Sum of GTIs [s]
			ontime7	7017.2729904652	Sum of GTIs [s]
			l1events	783704	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	122201	122782	125318	127268	127637	158498	grade 0 events	31693	31466	32489	32859	32387	17030
rejected events	63359	63320	66514	67819	66317	64641		25%	25%	25%	25%	25%	10%
rejected %	51%	51%	53%	53%	51%	40%	grade 1 events	249	205	257	288	240	159
								0%	0%	0%	0%	0%	0%
							grade 2 events	10822	11446	10236	10419	11327	20795
								8%	9%	8%	8%	8%	13%
							grade 3 events	4064	4088	4160	4082	4034	8822
								3%	3%	3%	3%	3%	5%
							grade 4 events	4080	4043	4090	4103	4181	8636
								3%	3%	3%	3%	3%	5%
							grade 5 events	3703	3672	3372	3900	3785	10284
								3%	2%	2%	3%	2%	6%
							grade 6 events	9219	9433	8833	8981	10422	40128
								7%	7%	7%	7%	8%	25%
							grade 7 events	58371	58429	61881	62636	61261	52644
								47%	47%	49%	49%	47%	33%

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	72.71250379792083	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	20.08350252334954	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	91.26888402143156	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	374950615.260362	374950615.260362			
Observation start date	2009-11-18T16:56:55	2009-11-18T16:56:55			
[s] Observation end time (MET)	374959323.727402	374959323.727402			
Observation end date	2009-11-18T19:22:04	2009-11-18T19:22:03			
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)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0172729904652

A.2 Comments