

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55115 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 25 2012

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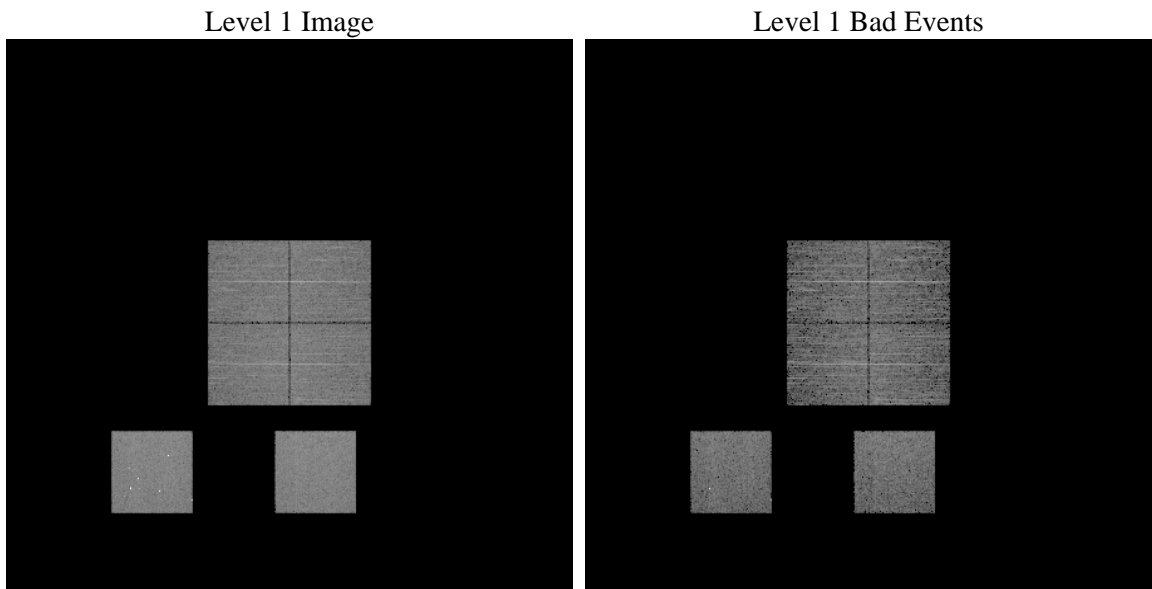
1 Front

seq_num	 	Sequence number
obs_id	55115	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	5.9835492010418	Nominal RA [deg]
dec_nom	37.974353442765	Nominal Dec [deg]
roll_nom	210.33149367586	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4924.7999817133	Sum of GTIs [s]
livetime	4862.4391989863	Livetime [s]
ontime0	4924.7999817133	Sum of GTIs [s]
ontime1	4924.7999817133	Sum of GTIs [s]
ontime2	4924.7999817133	Sum of GTIs [s]
ontime3	4924.7999817133	Sum of GTIs [s]
ontime5	4924.7999817133	Sum of GTIs [s]
ontime7	4924.7999817133	Sum of GTIs [s]
l2events	186611	Number of level 2 events

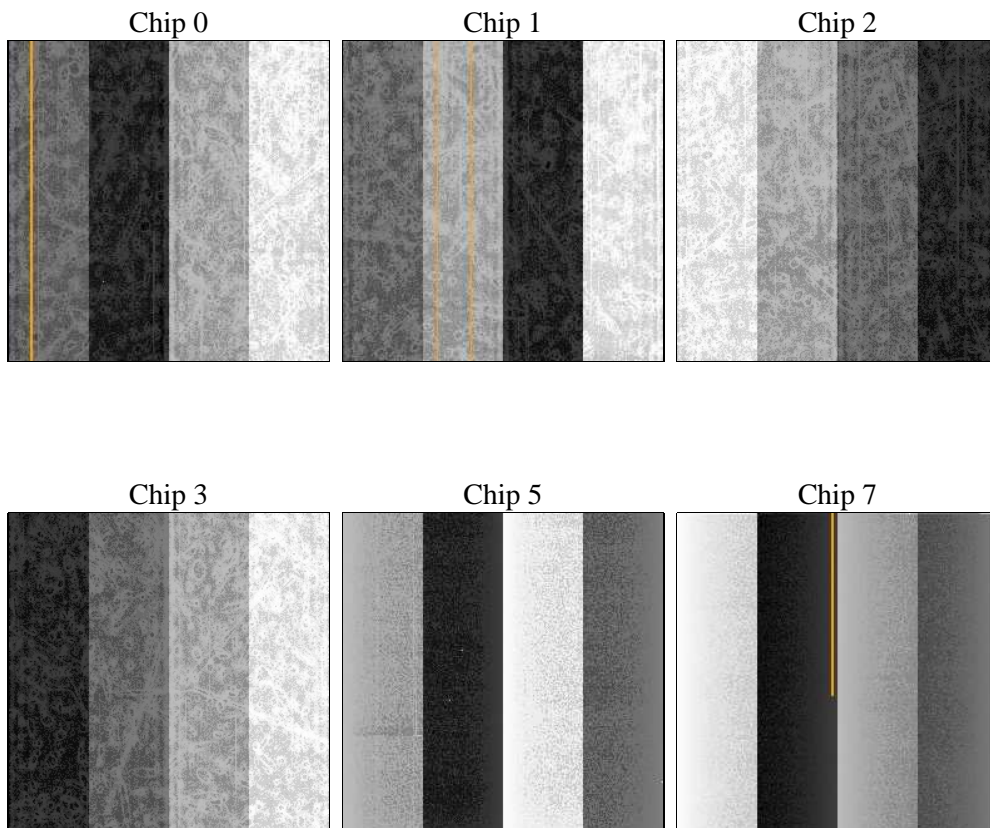
2 OBI

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	8.4.3	Processing system revision	ontime	4924.7999817133	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4924.7999817133	Sum of GTIs [s]
date	2012-02-25T05:55:34	Date and time of file creation	ontime1	4924.7999817133	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4924.7999817133	Sum of GTIs [s]
			ontime3	4924.7999817133	Sum of GTIs [s]
			ontime5	4924.7999817133	Sum of GTIs [s]
			ontime7	4924.7999817133	Sum of GTIs [s]
			l1events	396106	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	57312	57356	58030	60689	85094	77625	grade 0 events	14117	13606	14707	14810	8921	7293
rejected events	30430	29852	30823	33563	35796	34004		24%	23%	25%	24%	10%	9%
rejected %	53%	52%	53%	55%	42%	43%	grade 1 events	83	81	91	90	190	58
								0%	0%	0%	0%	0%	0%
							grade 2 events	4939	5706	4575	4690	16651	9712
								8%	9%	7%	7%	19%	12%
							grade 3 events	1791	1817	1891	1831	1579	3798
								3%	3%	3%	3%	1%	4%
							grade 4 events	1833	1796	1860	1851	1584	3660
								3%	3%	3%	3%	1%	4%
							grade 5 events	1835	1828	1788	2121	4093	5120
								3%	3%	3%	3%	4%	6%
							grade 6 events	4202	4579	4174	3944	20563	19158
								7%	7%	7%	6%	24%	24%
							grade 7 events	28512	27943	28944	31352	31513	28826
								49%	48%	49%	51%	37%	37%

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	5.983549201041818	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	37.97435344276492	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	210.3314936758551	[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)	435231341.539357	435231340.51435			
Observation start date	2011-10-17T09:35:42	2011-10-17T09:35:40			
[s] Observation end time (MET)	435237848.239699	435237847.21469			
Observation end date	2011-10-17T11:24:08	2011-10-17T11:24:07			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9247999817133

A.2 Comments