

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56155 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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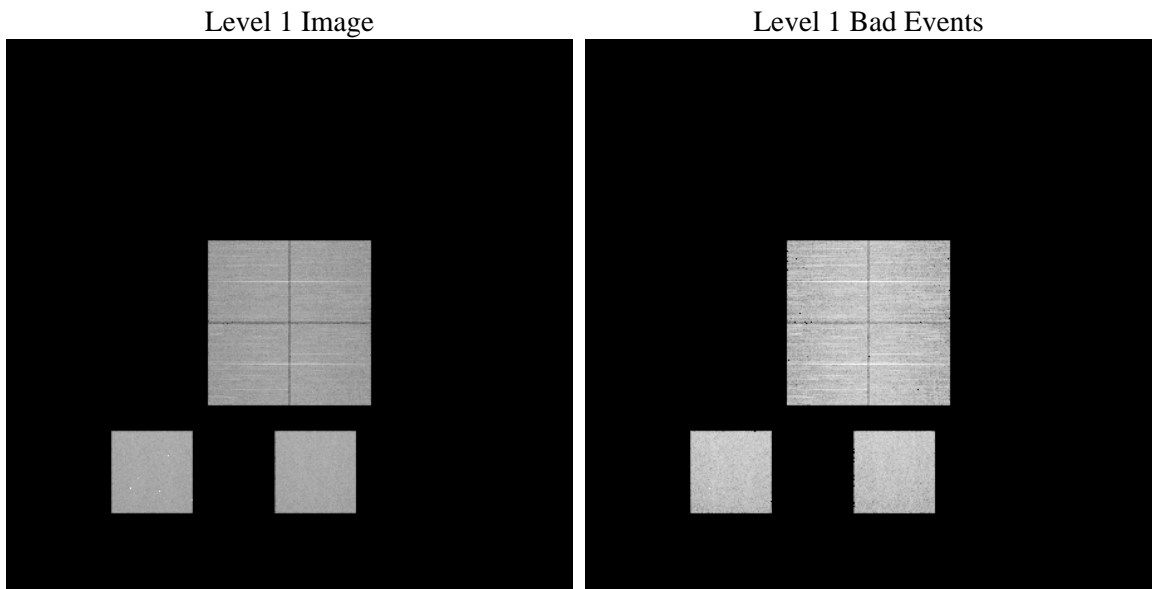
1 Front

seq_num	 	Sequence number
obs_id	56155	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	293.01844779881	Nominal RA [deg]
dec_nom	-44.974430761249	Nominal Dec [deg]
roll_nom	29.973341310657	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime0	8281.5999692082	Sum of GTIs [s]
ontime1	8281.5999692082	Sum of GTIs [s]
ontime2	8281.5999692082	Sum of GTIs [s]
ontime3	8279.517087698	Sum of GTIs [s]
ontime5	8281.5999692082	Sum of GTIs [s]
ontime7	8281.5999692082	Sum of GTIs [s]
l2events	425696	Number of level 2 events

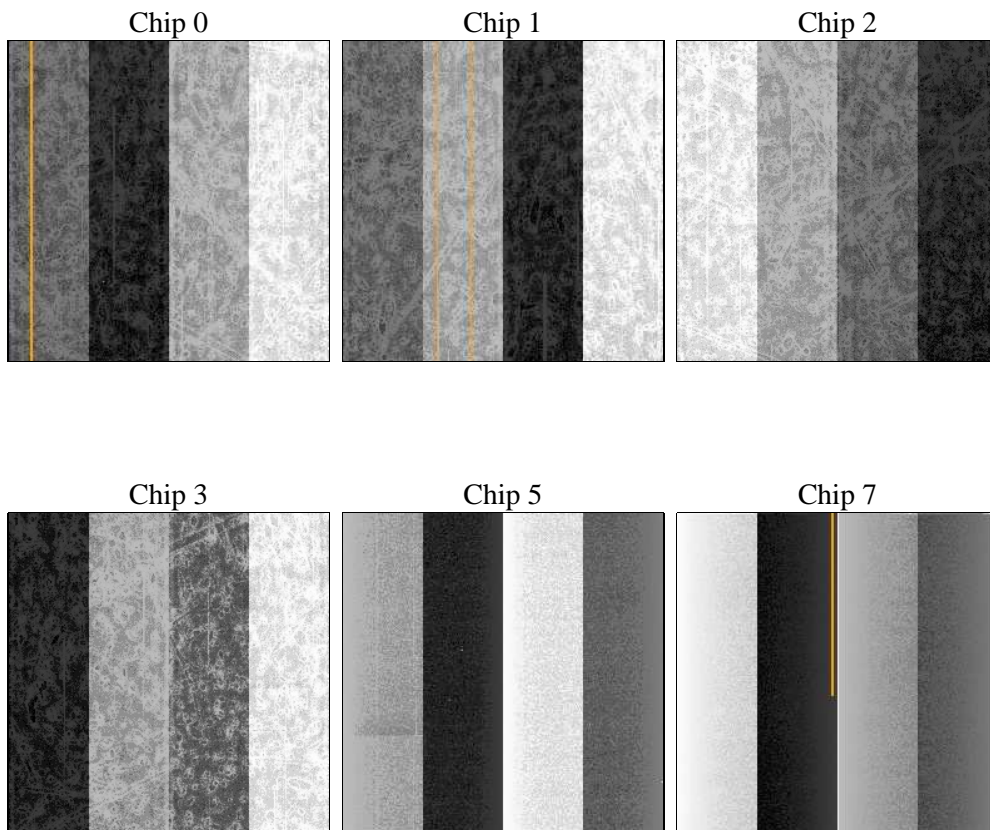
2 OBI

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	8.4.5	Processing system revision	ontime	8281.5999692082	Sum of GTIs [s]
caldbver	4.5.0	 	ontime0	8281.5999692082	Sum of GTIs [s]
date	2012-06-29T12:05:02	Date and time of file creation	ontime1	8281.5999692082	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8281.5999692082	Sum of GTIs [s]
			ontime3	8279.517087698	Sum of GTIs [s]
			ontime5	8281.5999692082	Sum of GTIs [s]
			ontime7	8281.5999692082	Sum of GTIs [s]
			l1events	839933	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	126873	125554	128505	129616	165958	163427	grade 0 events	33261	32814	33700	34312	13599	17152
rejected events	64036	62187	65889	66370	67104	65948		26%	26%	26%	26%	8%	10%
rejected %	50%	49%	51%	51%	40%	40%	grade 1 events	244	194	248	229	225	151
								0%	0%	0%	0%	0%	0%
							grade 2 events	11564	12080	10909	10988	35714	21237
								9%	9%	8%	8%	21%	12%
							grade 3 events	4176	4209	4343	4231	4118	8698
								3%	3%	3%	3%	2%	5%
							grade 4 events	4127	4232	4259	4361	4043	8862
								3%	3%	3%	3%	2%	5%
							grade 5 events	3859	3938	3593	4207	8940	10711
								3%	3%	2%	3%	5%	6%
							grade 6 events	9709	10032	9405	9354	41380	41530
								7%	7%	7%	7%	24%	25%
							grade 7 events	59933	58055	62048	61934	57939	55086
								47%	46%	48%	47%	34%	33%

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	293.01844779881	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-44.97443076124917	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	29.97334131065669	[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)	394366959.595497	394366958.57049			
Observation start date	2010-07-01T10:22:40	2010-07-01T10:22:38			
[s] Observation end time (MET)	394377139.896017	394377138.87101			
Observation end date	2010-07-01T13:12:20	2010-07-01T13:12:18			
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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments