

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56758 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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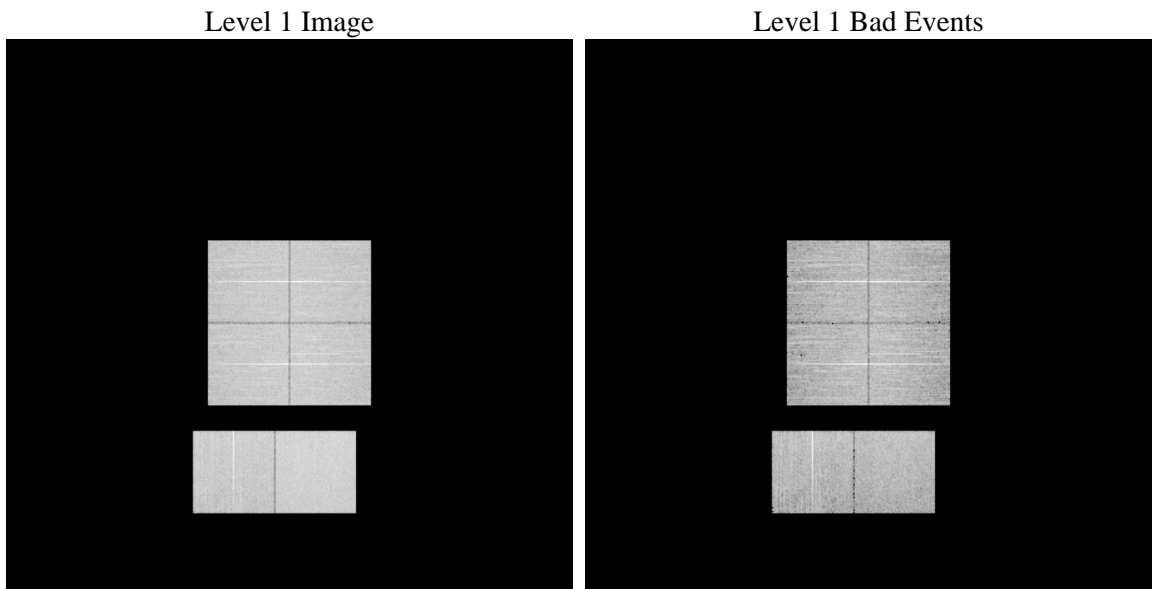
1 Front

seq_num	 	Sequence number
obs_id	56758	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	30.808482503693	Nominal RA [deg]
dec_nom	-11.972505612164	Nominal Dec [deg]
roll_nom	40.314526146794	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8447.9999685884	Sum of GTIs [s]
livetime	8341.0263062112	Livetime [s]
ontime0	8447.9999685884	Sum of GTIs [s]
ontime1	8447.9999685884	Sum of GTIs [s]
ontime2	8447.9999685884	Sum of GTIs [s]
ontime3	8447.9999685884	Sum of GTIs [s]
ontime6	8447.9999685884	Sum of GTIs [s]
ontime7	8447.9999685884	Sum of GTIs [s]
l2events	460343	Number of level 2 events

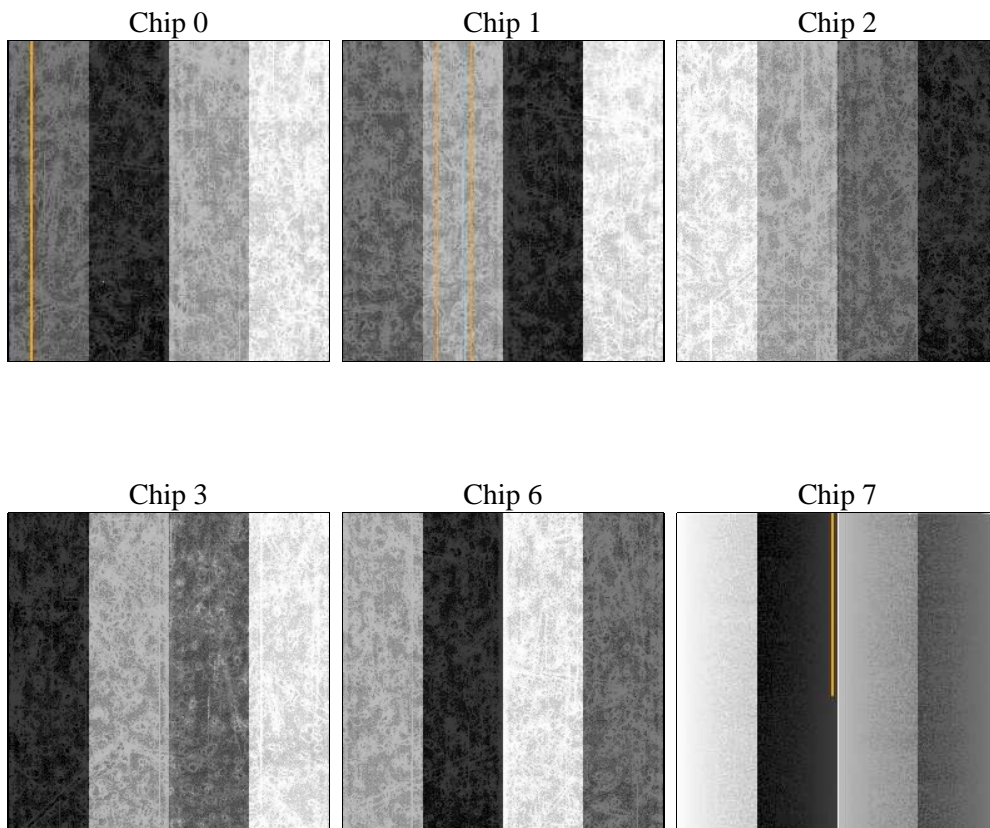
2 OBI

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	8447.9999685884	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8447.9999685884	Sum of GTIs [s]
date	2012-06-15T13:37:34	Date and time of file creation	ontime1	8447.9999685884	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8447.9999685884	Sum of GTIs [s]
			ontime3	8447.9999685884	Sum of GTIs [s]
			ontime6	8447.9999685884	Sum of GTIs [s]
			ontime7	8447.9999685884	Sum of GTIs [s]
			l1events	948553	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	148907	148682	152486	154055	156446	187977	grade 0 events	38712	39209	39745	40169	39981	20426
rejected events	75667	73757	79217	79850	79560	73691		25%	26%	26%	26%	25%	10%
rejected %	50%	49%	51%	51%	50%	39%	grade 1 events	329	246	354	338	281	161
								0%	0%	0%	0%	0%	0%
							grade 2 events	13342	13858	12595	12986	13750	24726
								8%	9%	8%	8%	8%	13%
							grade 3 events	4990	5031	5029	5030	5016	10691
								3%	3%	3%	3%	3%	5%
							grade 4 events	4899	5081	5060	5099	5040	10409
								3%	3%	3%	3%	3%	5%
							grade 5 events	4179	4376	3943	4694	4607	11947
								2%	2%	2%	3%	2%	6%
							grade 6 events	11322	11777	10870	10983	13127	48128
								7%	7%	7%	7%	8%	25%
							grade 7 events	71134	69104	74890	74756	74644	61489
								47%	46%	49%	48%	47%	32%

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	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	30.80848250369279	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.97250561216351	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	40.31452614679363	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	371523679.287743	371523678.26274			
Observation start date	2009-10-10T01:01:19	2009-10-10T01:01:18			
[s] Observation end time (MET)	371533859.588255	371533858.56326			
Observation end date	2009-10-10T03:51:00	2009-10-10T03:50:58			
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)	2012.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4479999685884

A.2 Comments