

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55813 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 8 2012

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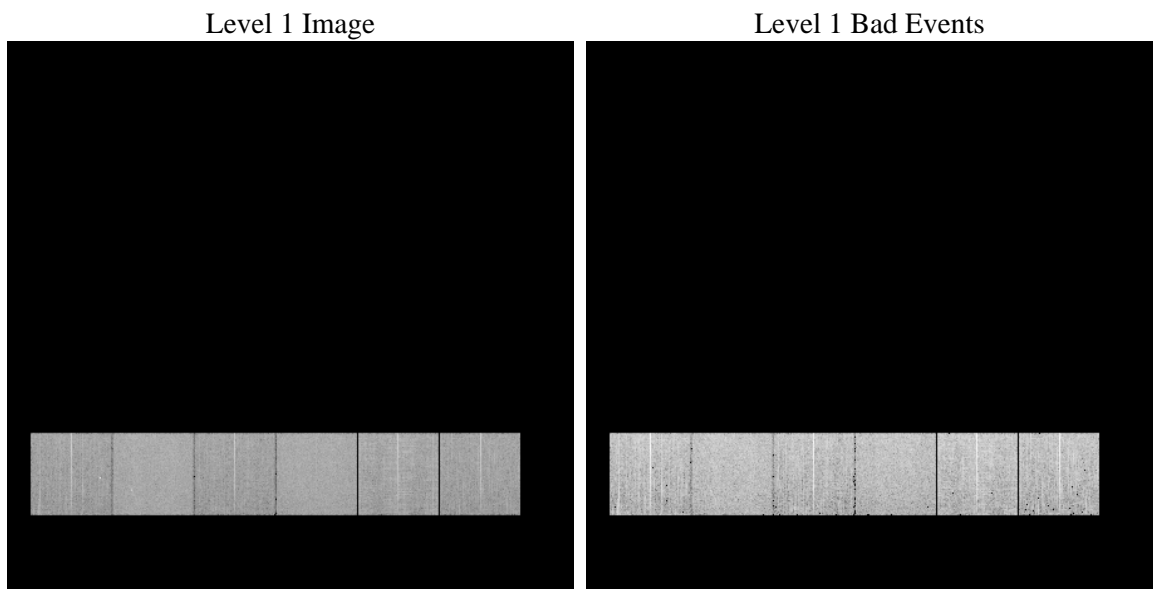
1 Front

seq_num	 	Sequence number
obs_id	55813	Observation id
title	ACIS-456789 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	78.522806536648	Nominal RA [deg]
dec_nom	-2.9824817085993	Nominal Dec [deg]
roll_nom	4.7090409012959	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6006.399977684	Sum of GTIs [s]
livetime	5930.3433245467	Livetime [s]
ontime4	6006.399977684	Sum of GTIs [s]
ontime5	6006.399977684	Sum of GTIs [s]
ontime6	6006.399977684	Sum of GTIs [s]
ontime7	6006.399977684	Sum of GTIs [s]
ontime8	6006.399977684	Sum of GTIs [s]
ontime9	6006.399977684	Sum of GTIs [s]
l2events	277071	Number of level 2 events

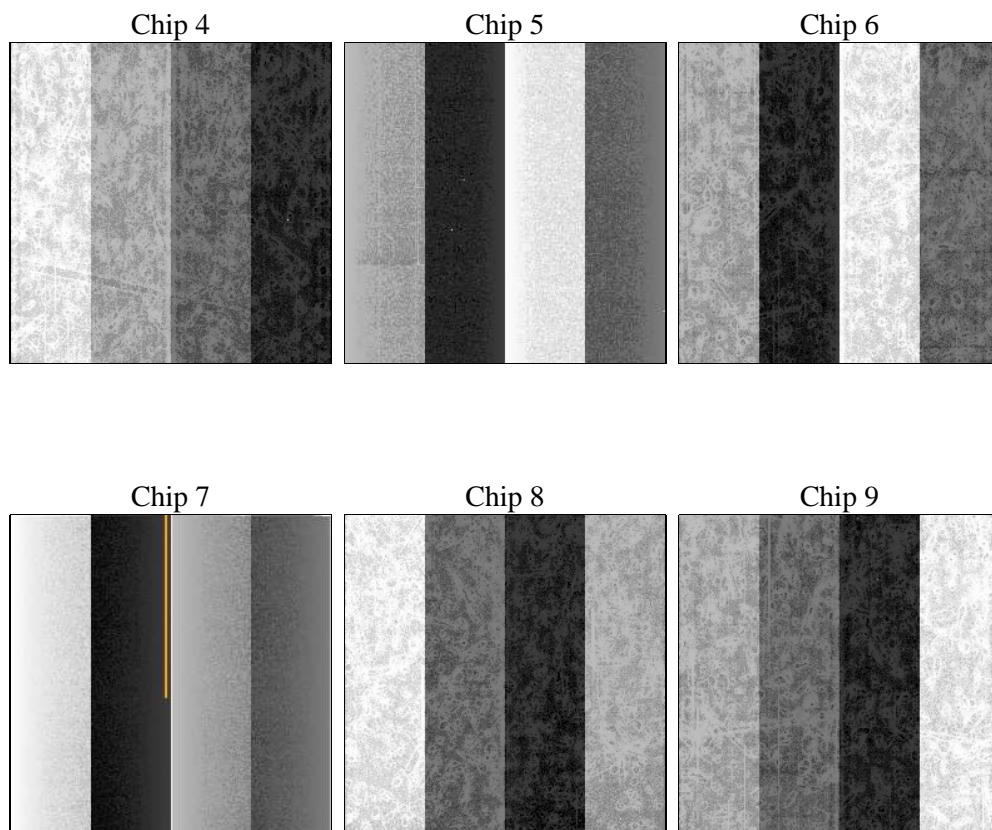
2 OBI

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	6006.399977684	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	6006.399977684	Sum of GTIs [s]
date	2012-07-08T04:35:04	Date and time of file creation	ontime5	6006.399977684	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6006.399977684	Sum of GTIs [s]
			ontime7	6006.399977684	Sum of GTIs [s]
			ontime8	6006.399977684	Sum of GTIs [s]
			ontime9	6006.399977684	Sum of GTIs [s]
			l1events	598522	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	90002	114692	87413	111196	104883	90336	grade 0 events	22616	6972	21379	11046	24337	21508
rejected events	50393	49568	45997	46667	53859	49384		25%	6%	24%	9%	23%	23%
rejected %	55%	43%	52%	41%	51%	54%	grade 1 events	196	129	105	98	155	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	6173	23833	7601	13981	9612	7276
								6%	20%	8%	12%	9%	8%
							grade 3 events	2823	2541	2779	5746	3857	2781
								3%	2%	3%	5%	3%	3%
							grade 4 events	2750	2458	2687	5699	3743	2790
								3%	2%	3%	5%	3%	3%
							grade 5 events	2856	6072	2910	7302	3740	3225
								3%	5%	3%	6%	3%	3%
							grade 6 events	5247	29320	6970	28057	9475	6597
								5%	25%	7%	25%	9%	7%
							grade 7 events	47341	43367	42982	39267	49964	45992
								52%	37%	49%	35%	47%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	78.52280653664783	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-2.982481708599275	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	4.709040901295905	[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)	408302505.66073	408302504.63575			
Observation start date	2010-12-09T17:21:46	2010-12-09T17:21:44			
[s] Observation end time (MET)	408312097.611225	408312096.58624			
Observation end date	2010-12-09T20:01:38	2010-12-09T20:01:36			
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)	2012.07.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.006399977684

A.2 Comments