

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56813 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 13 2012

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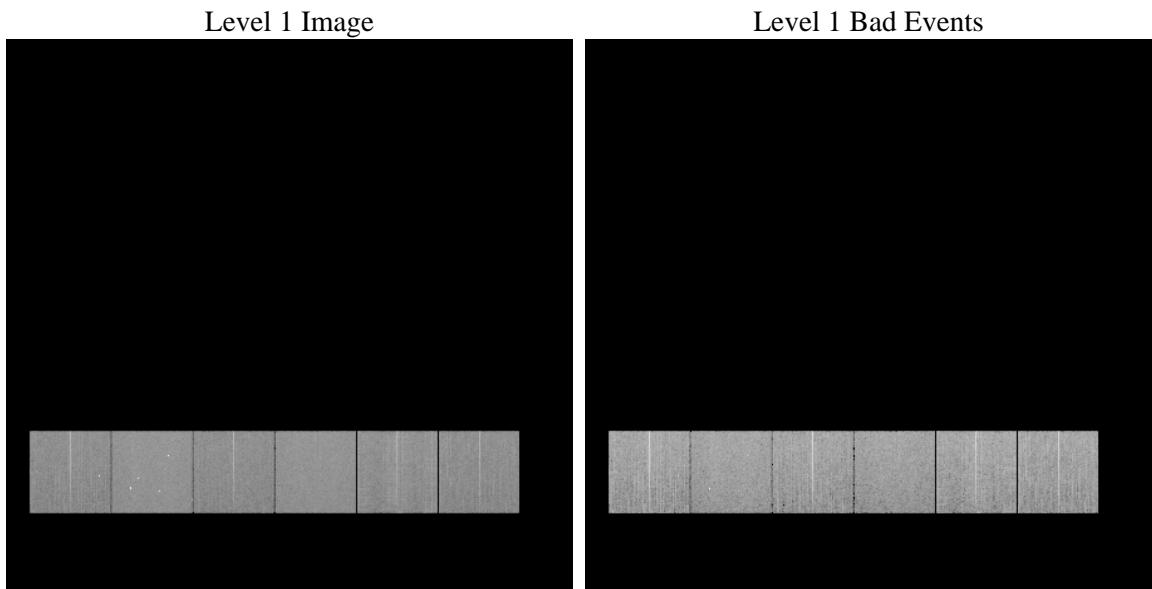
1 Front

seq_num	 	Sequence number
obs_id	56813	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	132.19286514333	Nominal RA [deg]
dec_nom	-30.688647174126	Nominal Dec [deg]
roll_nom	117.57330022896	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8149.355156064	Sum of GTIs [s]
livetime	8046.1631141254	Livetime [s]
ontime4	8149.2320360541	Sum of GTIs [s]
ontime5	8149.3141160607	Sum of GTIs [s]
ontime6	8149.2730760574	Sum of GTIs [s]
ontime7	8149.355156064	Sum of GTIs [s]
ontime8	8149.1909960508	Sum of GTIs [s]
ontime9	8149.3961960673	Sum of GTIs [s]
l2events	485981	Number of level 2 events

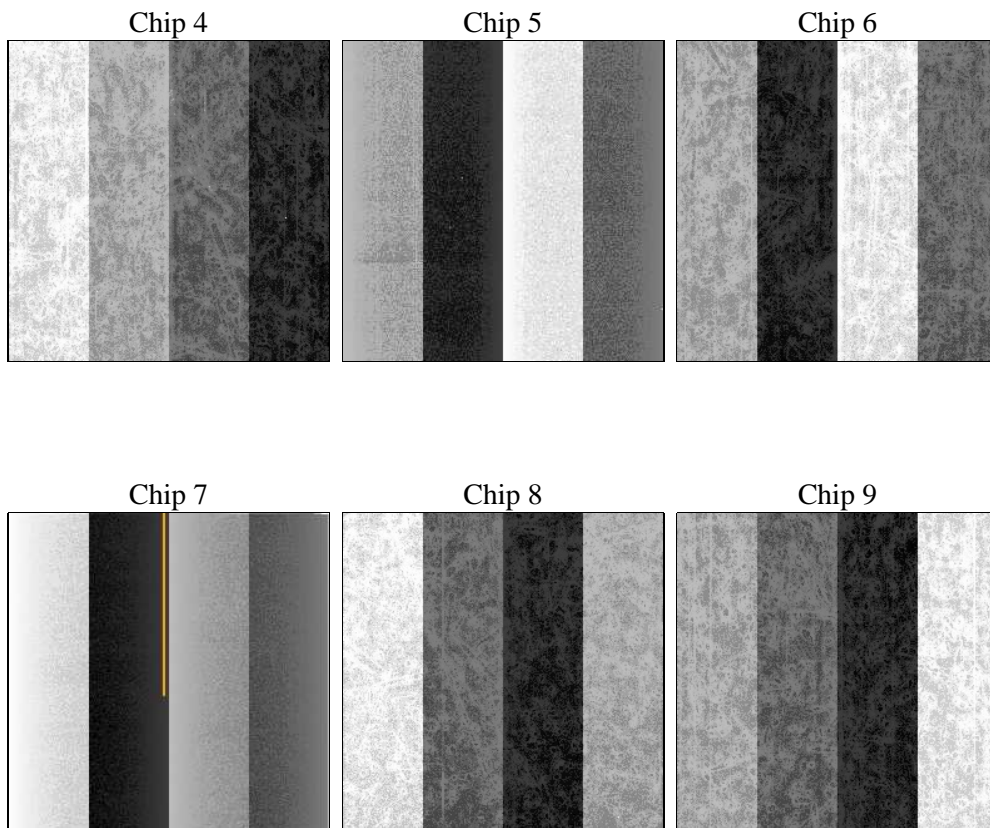
2 OBI

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	8149.355156064	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8149.2320360541	Sum of GTIs [s]
date	2012-06-13T23:24:57	Date and time of file creation	ontime5	8149.3141160607	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8149.2730760574	Sum of GTIs [s]
			ontime7	8149.355156064	Sum of GTIs [s]
			ontime8	8149.1909960508	Sum of GTIs [s]
			ontime9	8149.3961960673	Sum of GTIs [s]
			l1events	1036011	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	160336	195025	157133	184708	179900	158909	grade 0 events	42155	18310	39439	20107	44773	39294
rejected events	88530	79448	82645	74221	90226	86426		26%	9%	25%	10%	24%	24%
rejected %	55%	40%	52%	40%	50%	54%	grade 1 events	502	265	245	157	294	326
								0%	0%	0%	0%	0%	0%
							grade 2 events	11211	42108	13701	24429	17309	12871
								6%	21%	8%	13%	9%	8%
							grade 3 events	5095	4780	4929	10201	6488	5005
								3%	2%	3%	5%	3%	3%
							grade 4 events	4955	4582	4934	9970	6326	4931
								3%	2%	3%	5%	3%	3%
							grade 5 events	4382	9793	4614	11524	5996	5189
								2%	5%	2%	6%	3%	3%
							grade 6 events	9441	47645	12632	47415	16183	11449
								5%	24%	8%	25%	8%	7%
							grade 7 events	82595	67542	76639	60905	82531	79844
								51%	34%	48%	32%	45%	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	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	132.1928651433316	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-30.68864717412631	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	117.573300228961	[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)	370109872.116651	370109872.116651			
Observation start date	2009-09-23T16:17:52	2009-09-23T16:17:52			
[s] Observation end time (MET)	370118824.260301	370118824.260301			
Observation end date	2009-09-23T18:47:04	2009-09-23T18:47:04			
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)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.149355156064

A.2 Comments