

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56538 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 19 2012

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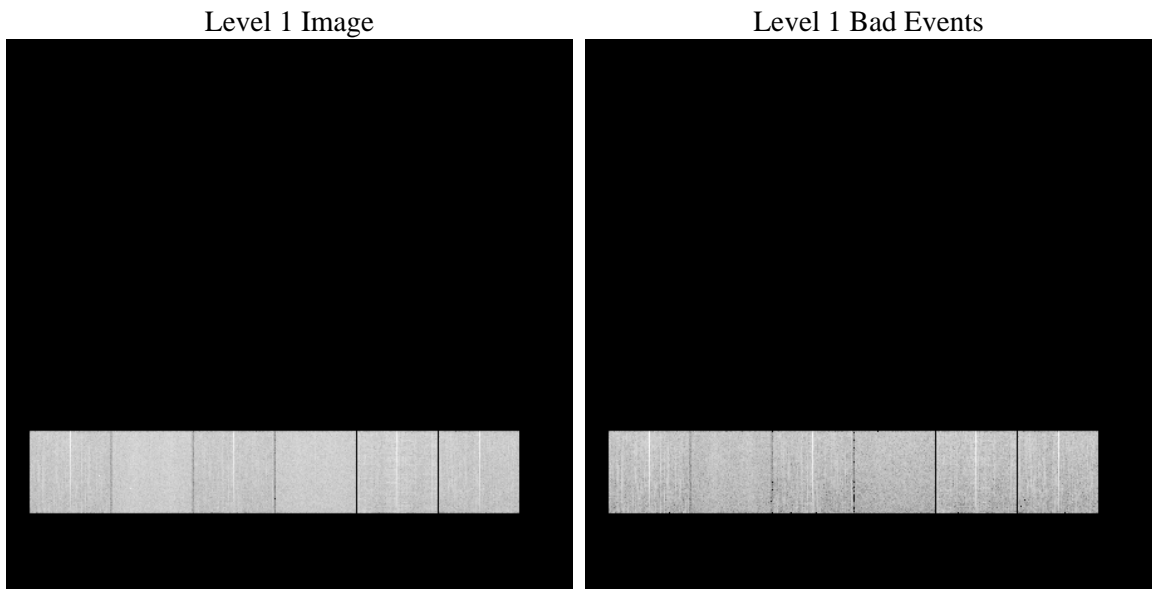
1 Front

seq_num	 	Sequence number
obs_id	56538	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	99.528977214336	Nominal RA [deg]
dec_nom	0.0055564918916547	Nominal Dec [deg]
roll_nom	338.5582487885	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6511.176335156	Sum of GTIs [s]
livetime	6428.7278998405	Livetime [s]
ontime4	6511.0532151461	Sum of GTIs [s]
ontime5	6511.1352951527	Sum of GTIs [s]
ontime6	6511.0942551494	Sum of GTIs [s]
ontime7	6511.176335156	Sum of GTIs [s]
ontime8	6511.0121751428	Sum of GTIs [s]
ontime9	6511.2173751593	Sum of GTIs [s]
l2events	364790	Number of level 2 events

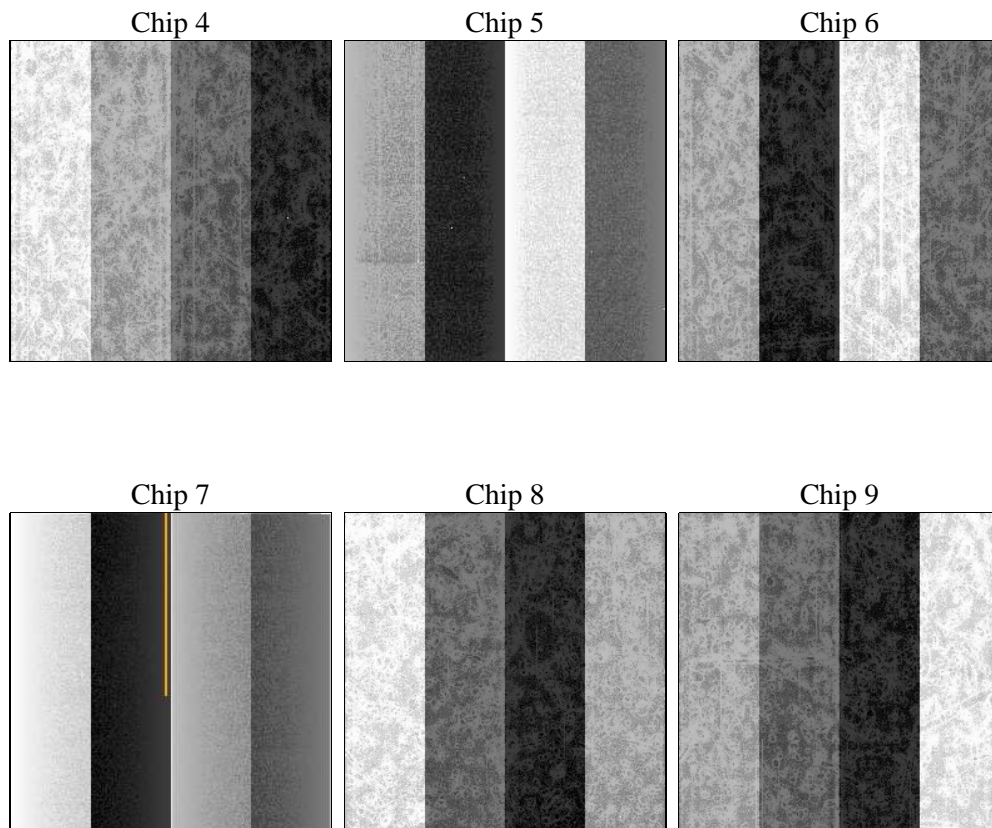
2 OBI

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	6511.176335156	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	6511.0532151461	Sum of GTIs [s]
date	2012-06-19T09:46:14	Date and time of file creation	ontime5	6511.1352951527	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6511.0942551494	Sum of GTIs [s]
			ontime7	6511.176335156	Sum of GTIs [s]
			ontime8	6511.0121751428	Sum of GTIs [s]
			ontime9	6511.2173751593	Sum of GTIs [s]
			l1events	797102	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	125005	148209	121484	142177	138417	121810	grade 0 events	29474	8776	28137	14119	32355	28752
rejected events	73574	63047	66395	58543	71431	67978		23%	5%	23%	9%	23%	23%
rejected %	58%	42%	54%	41%	51%	55%	grade 1 events	369	219	201	115	220	194
								0%	0%	0%	0%	0%	0%
							grade 2 events	8054	32015	10775	18382	12801	9409
								6%	21%	8%	12%	9%	7%
							grade 3 events	3668	3184	3483	7364	4862	3669
								2%	2%	2%	5%	3%	3%
							grade 4 events	3766	3108	3401	7112	4900	3545
								3%	2%	2%	5%	3%	2%
							grade 5 events	3367	7404	3503	8850	4525	3809
								2%	4%	2%	6%	3%	3%
							grade 6 events	6665	38390	9491	36959	12309	8669
								5%	25%	7%	25%	8%	7%
							grade 7 events	69642	55113	62493	49276	66445	63763
								55%	37%	51%	34%	48%	52%

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	99.5289772143358	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	0.005556491891654728	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	338.5582487884988	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	379288095.679398	379288094.65438			
Observation start date	2010-01-07T21:48:16	2010-01-07T21:48:14			
[s] Observation end time (MET)	379297408.829869	379297407.80485			
Observation end date	2010-01-08T00:23:29	2010-01-08T00:23:27			
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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.511176335156

A.2 Comments