

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55283 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 18 2012

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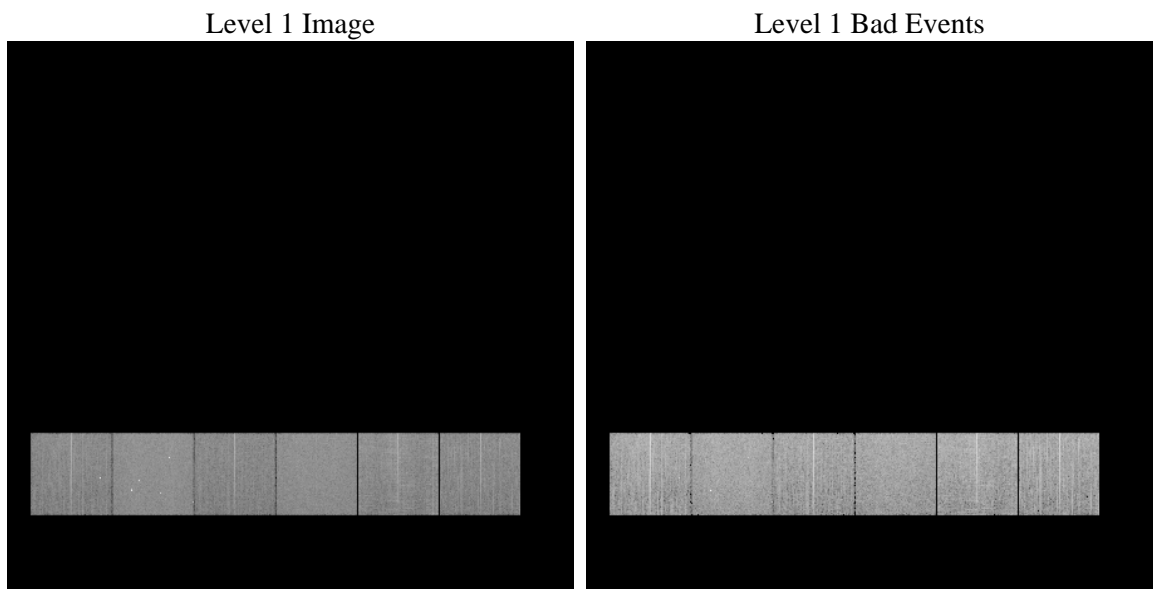
1 Front

seq_num	 	Sequence number
obs_id	55283	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	332.00593654247	Nominal RA [deg]
dec_nom	-47.971492901292	Nominal Dec [deg]
roll_nom	49.169976834312	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8073.5999699831	Sum of GTIs [s]
livetime	7971.3671858249	Livetime [s]
ontime4	8070.3589496613	Sum of GTIs [s]
ontime5	8073.5999699831	Sum of GTIs [s]
ontime6	8073.5999699831	Sum of GTIs [s]
ontime7	8073.5999699831	Sum of GTIs [s]
ontime8	8073.5999699831	Sum of GTIs [s]
ontime9	8073.5999699831	Sum of GTIs [s]
l2events	321927	Number of level 2 events

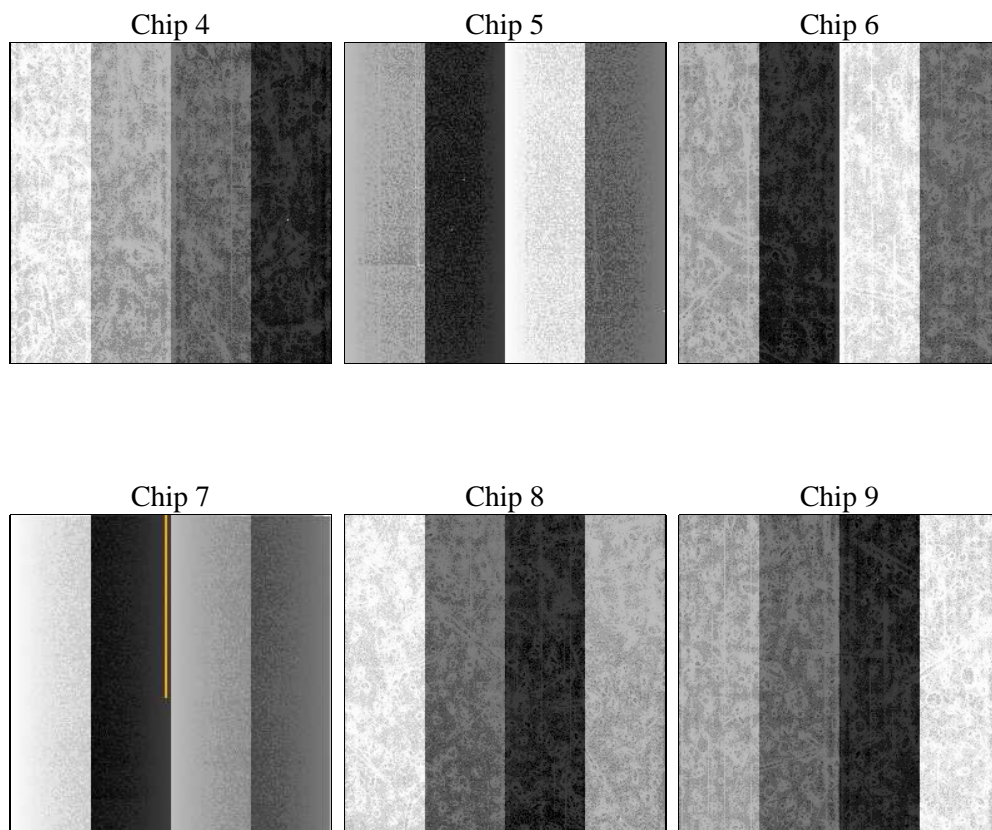
2 OBI

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	8.4.3	Processing system revision	ontime	8073.5999699831	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8070.3589496613	Sum of GTIs [s]
date	2012-02-18T18:27:50	Date and time of file creation	ontime5	8073.5999699831	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8073.5999699831	Sum of GTIs [s]
			ontime7	8073.5999699831	Sum of GTIs [s]
			ontime8	8073.5999699831	Sum of GTIs [s]
			ontime9	8073.5999699831	Sum of GTIs [s]
			l1events	732213	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	110978	141953	106311	134463	126118	112390	grade 0 events	27805	10854	25181	13231	28991	25337
rejected events	64138	63097	58391	59546	66755	65321		25%	7%	23%	9%	22%	22%
rejected %	57%	44%	54%	44%	52%	58%	grade 1 events	252	193	132	119	176	147
								0%	0%	0%	0%	0%	0%
							grade 2 events	7277	29331	9163	16734	11642	8437
								6%	20%	8%	12%	9%	7%
							grade 3 events	3410	3068	3243	6811	4710	3358
								3%	2%	3%	5%	3%	2%
							grade 4 events	3324	2960	3243	6864	4441	3340
								2%	2%	3%	5%	3%	2%
							grade 5 events	3513	7581	3710	9006	4760	4072
								3%	5%	3%	6%	3%	3%
							grade 6 events	6267	34797	8361	33204	11024	7817
								5%	24%	7%	24%	8%	6%
							grade 7 events	59130	53169	53278	48494	60374	59882
								53%	37%	50%	36%	47%	53%

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	332.005936542472	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-47.97149290129175	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	49.16997683431177	[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)	427917941.555825	427917940.5309			
Observation start date	2011-07-24T18:05:42	2011-07-24T18:05:40			
[s] Observation end time (MET)	427927398.206318	427927397.18139			
Observation end date	2011-07-24T20:43:18	2011-07-24T20:43:17			
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)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0735999699831

A.2 Comments