

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56197 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 28 2012

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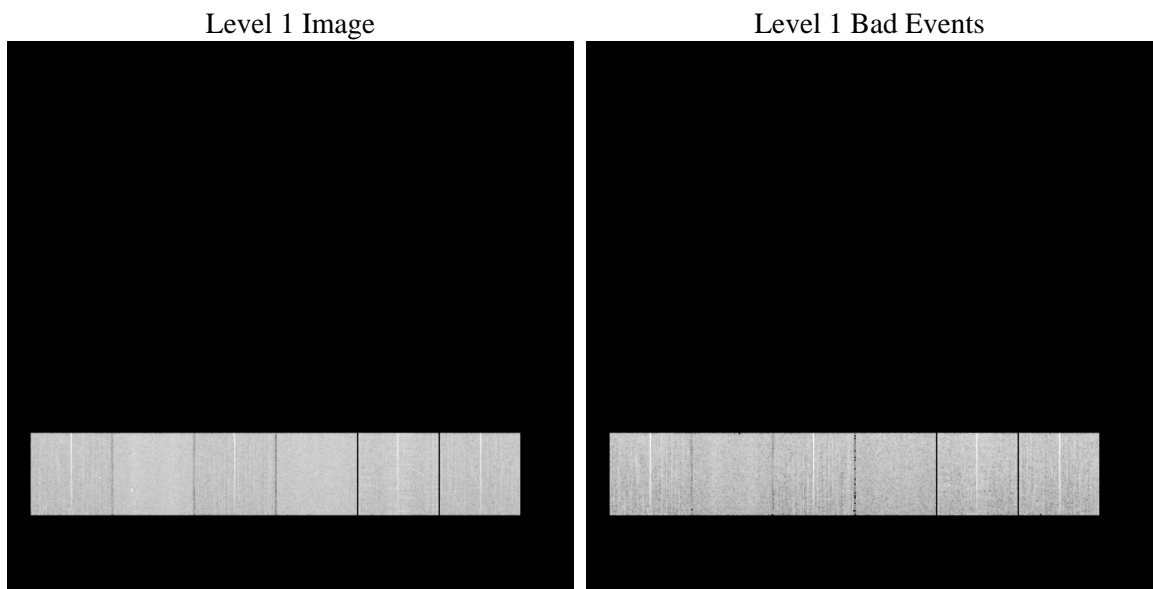
1 Front

seq_num	 	Sequence number
obs_id	56197	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	241.99010701861	Nominal RA [deg]
dec_nom	-3.2269729059083	Nominal Dec [deg]
roll_nom	217.12831275637	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	413366	Number of level 2 events

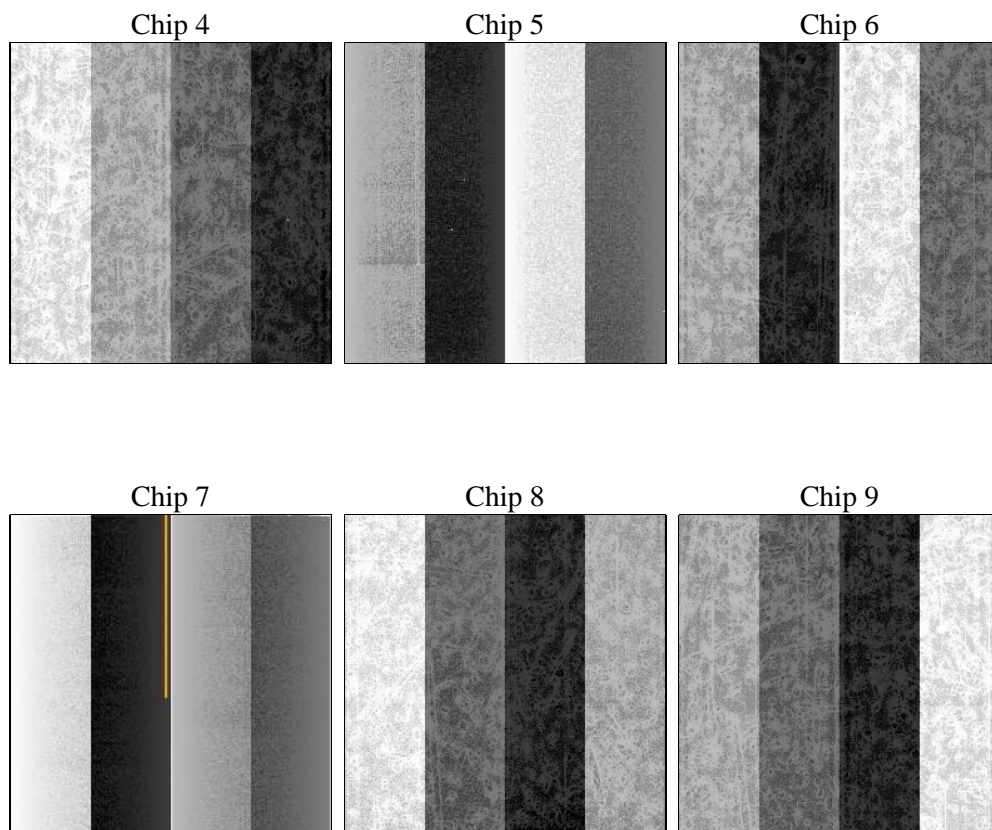
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-06-28T07:39:38	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	891696	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	134997	167095	135559	161726	155947	136372	grade 0 events	34168	9457	30332	15568	36466	32217
rejected events	75797	71275	73318	67128	79901	75135		25%	5%	22%	9%	23%	23%
rejected %	56%	42%	54%	41%	51%	55%	grade 1 events	328	230	162	103	216	219
								0%	0%	0%	0%	0%	0%
							grade 2 events	8902	36234	13288	21250	14598	10815
								6%	21%	9%	13%	9%	7%
							grade 3 events	4242	3374	3735	8004	5538	4116
								3%	2%	2%	4%	3%	3%
							grade 4 events	4212	3196	3830	7766	5418	4090
								3%	1%	2%	4%	3%	2%
							grade 5 events	3802	7927	3871	9741	5225	4398
								2%	4%	2%	6%	3%	3%
							grade 6 events	7676	43559	11056	42010	14026	9999
								5%	26%	8%	25%	8%	7%
							grade 7 events	71667	63118	69285	57284	74460	70518
								53%	37%	51%	35%	47%	51%

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	241.9901070186107	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-3.226972905908339	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	217.1283127563749	[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)	392537974.102171	392537973.07716			
Observation start date	2010-06-10T06:19:34	2010-06-10T06:19:33			
[s] Observation end time (MET)	392551219.152846	392551218.12784			
Observation end date	2010-06-10T10:00:19	2010-06-10T10:00:18			
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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments