

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55667 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

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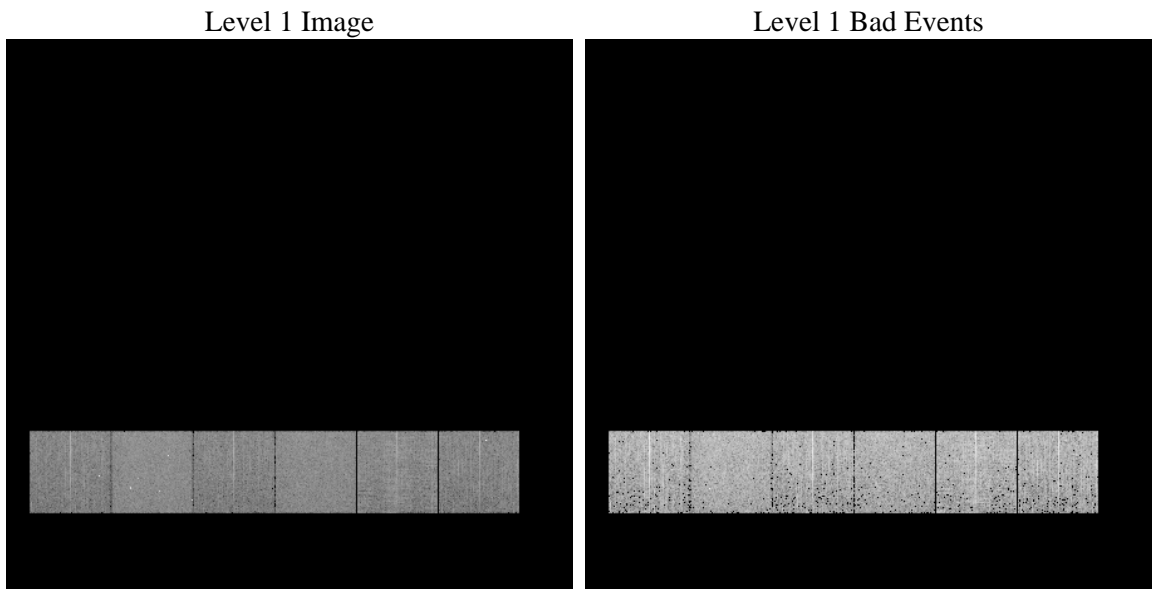
1 Front

seq_num	 	Sequence number
obs_id	55667	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	355.00526905973	Nominal RA [deg]
dec_nom	-60.029474658161	Nominal Dec [deg]
roll_nom	223.49696113033	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3282.3470007777	Sum of GTIs [s]
livetime	3240.7839466618	Livetime [s]
ontime4	3282.2238807678	Sum of GTIs [s]
ontime5	3282.3059607744	Sum of GTIs [s]
ontime6	3282.2649207711	Sum of GTIs [s]
ontime7	3282.3470007777	Sum of GTIs [s]
ontime8	3282.1828407645	Sum of GTIs [s]
ontime9	3282.388040781	Sum of GTIs [s]
l2events	149447	Number of level 2 events

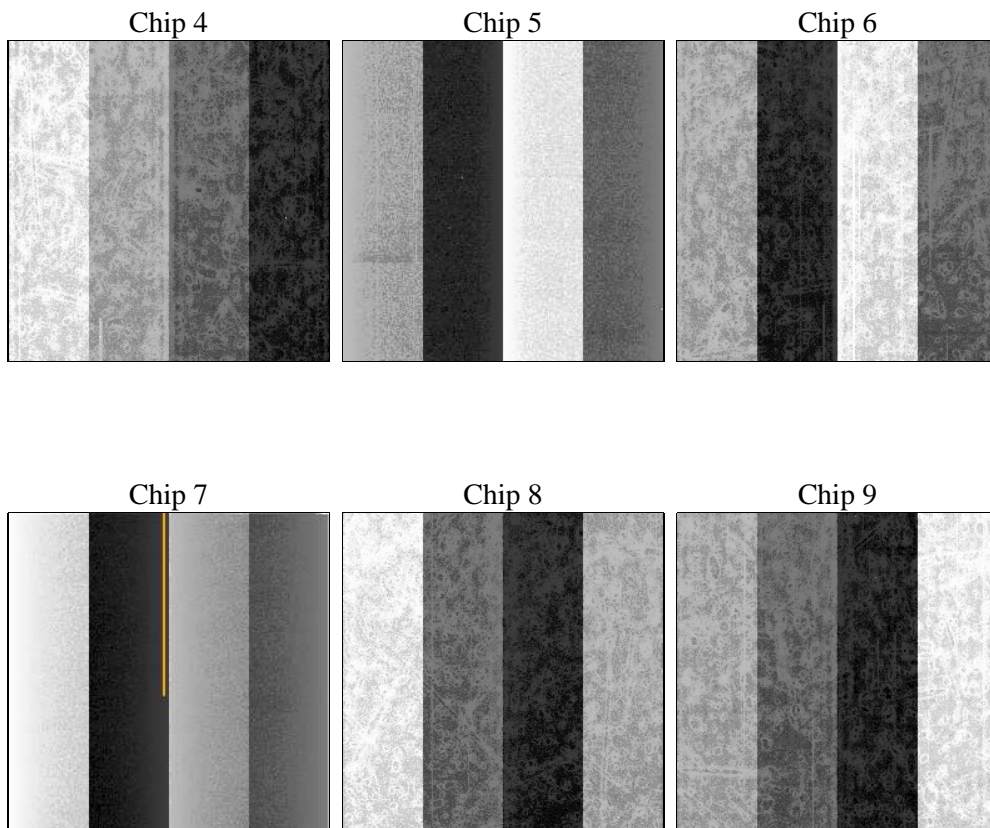
2 OBI

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	3282.3470007777	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	3282.2238807678	Sum of GTIs [s]
date	2012-02-03T17:18:10	Date and time of file creation	ontime5	3282.3059607744	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3282.2649207711	Sum of GTIs [s]
			ontime7	3282.3470007777	Sum of GTIs [s]
			ontime8	3282.1828407645	Sum of GTIs [s]
			ontime9	3282.388040781	Sum of GTIs [s]
			l1events	327445	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	48527	64443	48155	59920	57083	49317	grade 0 events	12361	5486	11516	6046	13083	11411
rejected events	26931	27186	26176	25082	29465	26683		25%	8%	23%	10%	22%	23%
rejected %	55%	42%	54%	41%	51%	54%	grade 1 events	104	145	70	48	89	74
								0%	0%	0%	0%	0%	0%
							grade 2 events	3439	12964	3964	7405	5304	4755
								7%	20%	8%	12%	9%	9%
							grade 3 events	1472	1582	1454	3158	2170	1457
								3%	2%	3%	5%	3%	2%
							grade 4 events	1535	1590	1427	3132	2141	1489
								3%	2%	2%	5%	3%	3%
							grade 5 events	1581	3551	1649	4055	2176	1781
								3%	5%	3%	6%	3%	3%
							grade 6 events	2789	15635	3618	15097	4920	3522
								5%	24%	7%	25%	8%	7%
							grade 7 events	25246	23490	24457	20979	27200	24828
								52%	36%	50%	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	355.0052690597253	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-60.02947465816101	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	223.4969611303303	[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)	413527666.880731	413527665.85573			
Observation start date	2011-02-08T04:47:47	2011-02-08T04:47:45			
[s] Observation end time (MET)	413533749.231046	413533748.20604			
Observation end date	2011-02-08T06:29:09	2011-02-08T06:29:08			
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)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2823470007777

A.2 Comments