

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57790 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 15 2012

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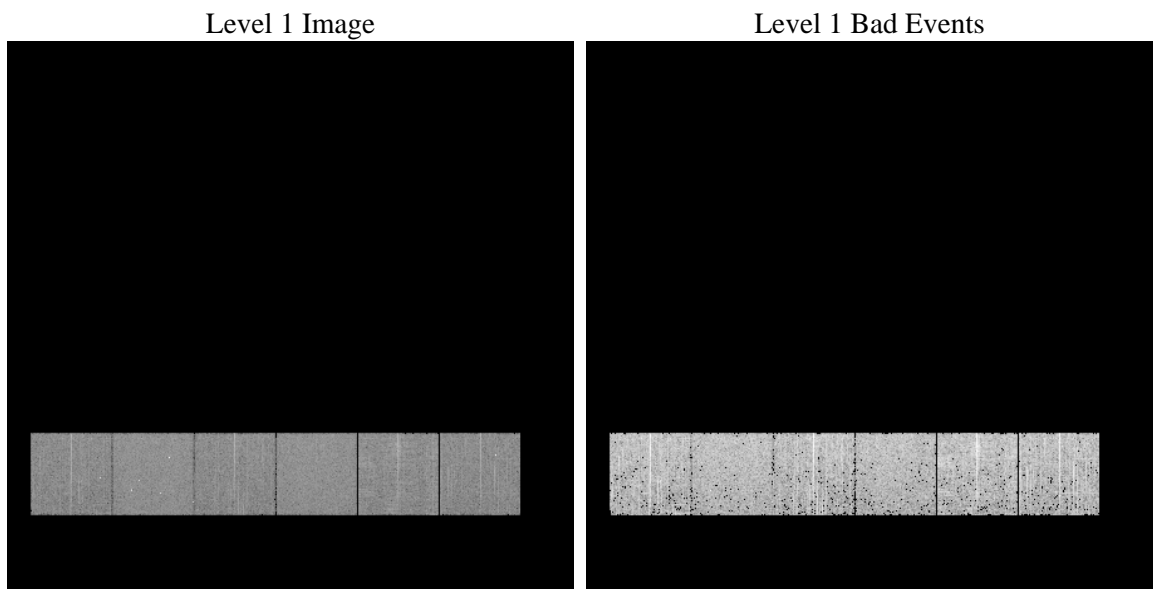
1 Front

seq_num	 	Sequence number
obs_id	57790	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	230.82570159869	Nominal RA [deg]
dec_nom	-42.506204913577	Nominal Dec [deg]
roll_nom	320.74243033667	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2790.3999896646	Sum of GTIs [s]
livetime	2755.0662648183	Livetime [s]
ontime4	2790.3999896646	Sum of GTIs [s]
ontime5	2790.3999896646	Sum of GTIs [s]
ontime6	2790.3999896646	Sum of GTIs [s]
ontime7	2790.3999896646	Sum of GTIs [s]
ontime8	2790.3999896646	Sum of GTIs [s]
ontime9	2790.3999896646	Sum of GTIs [s]
l2events	208137	Number of level 2 events

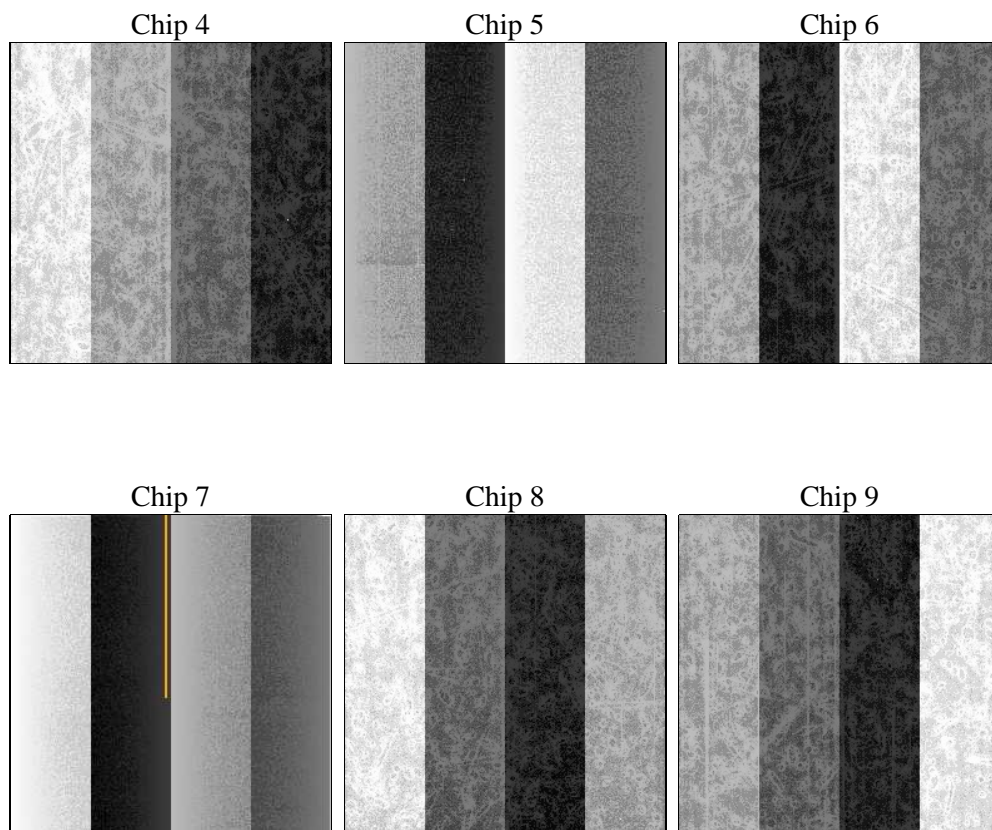
2 OBI

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	8.4.4	Processing system revision	ontime	2790.3999896646	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	2790.3999896646	Sum of GTIs [s]
date	2012-05-15T18:34:30	Date and time of file creation	ontime5	2790.3999896646	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2790.3999896646	Sum of GTIs [s]
			ontime7	2790.3999896646	Sum of GTIs [s]
			ontime8	2790.3999896646	Sum of GTIs [s]
			ontime9	2790.3999896646	Sum of GTIs [s]
			l1events	374803	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	58192	67251	59027	65732	64811	59790	grade 0 events	18754	8151	18265	9020	19345	18503
rejected events	25681	22939	24704	21552	26864	25878		32%	12%	30%	13%	29%	30%
rejected %	44%	34%	41%	32%	41%	43%	grade 1 events	139	72	101	50	126	135
								0%	0%	0%	0%	0%	0%
							grade 2 events	5095	15628	6144	9618	7022	5767
								8%	23%	10%	14%	10%	9%
							grade 3 events	2227	2093	2261	4306	2765	2325
								3%	3%	3%	6%	4%	3%
							grade 4 events	2245	2057	2163	4118	2664	2159
								3%	3%	3%	6%	4%	3%
							grade 5 events	1433	3160	1447	3529	1759	1524
								2%	4%	2%	5%	2%	2%
							grade 6 events	4236	16438	5531	17178	6188	5188
								7%	24%	9%	26%	9%	8%
							grade 7 events	24063	19652	23115	17913	24942	24189
								41%	29%	39%	27%	38%	40%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	230.82570159869
[deg] Pointing Dec	0	-42.50620491357694
[deg] Pointing Roll	0.0	320.7424303366721
[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)	328528621.997214	328528620.9722
Observation start date	2008-05-30T09:57:02	2008-05-30T09:57:00
[s] Observation end time (MET)	328535571.497554	328535570.47254
Observation end date	2008-05-30T11:52:51	2008-05-30T11:52:50
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7903999896646

A.2 Comments