

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60088 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

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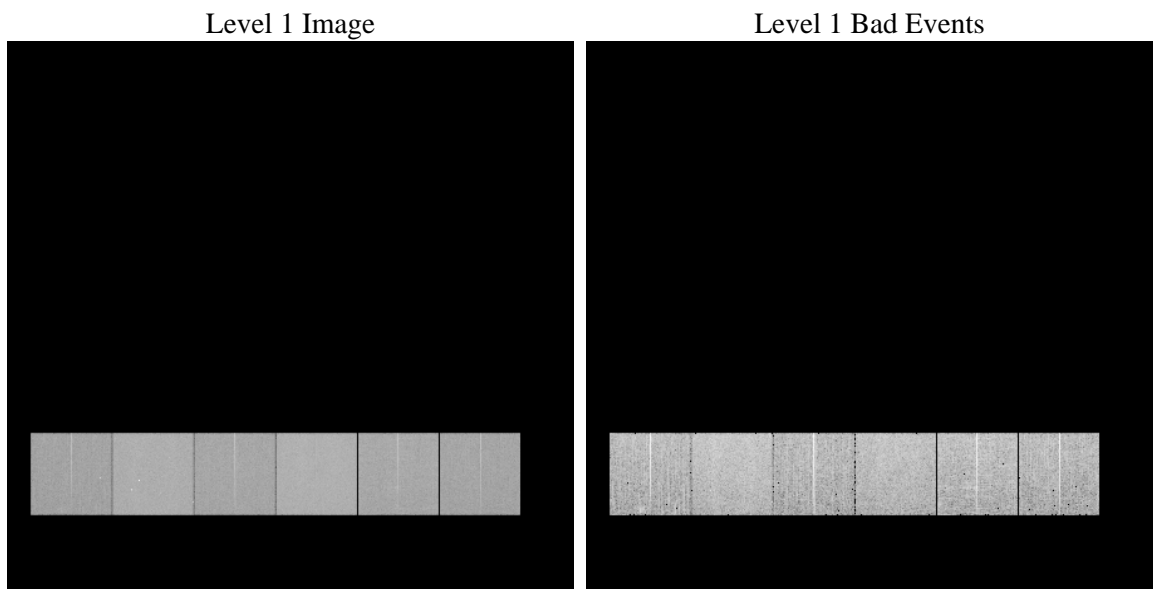
1 Front

seq_num	 	Sequence number
obs_id	60088	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	331.02046407485	Nominal RA [deg]
dec_nom	-19.978839665017	Nominal Dec [deg]
roll_nom	15.017903662702	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8278.0754804909	Sum of GTIs [s]
livetime	8173.2535042983	Livetime [s]
ontime4	5574.9808401763	Sum of GTIs [s]
ontime5	8278.0344404876	Sum of GTIs [s]
ontime6	6070.8909817338	Sum of GTIs [s]
ontime7	8278.0754804909	Sum of GTIs [s]
ontime8	6278.231577605	Sum of GTIs [s]
ontime9	5896.00268206	Sum of GTIs [s]
l2events	1132901	Number of level 2 events

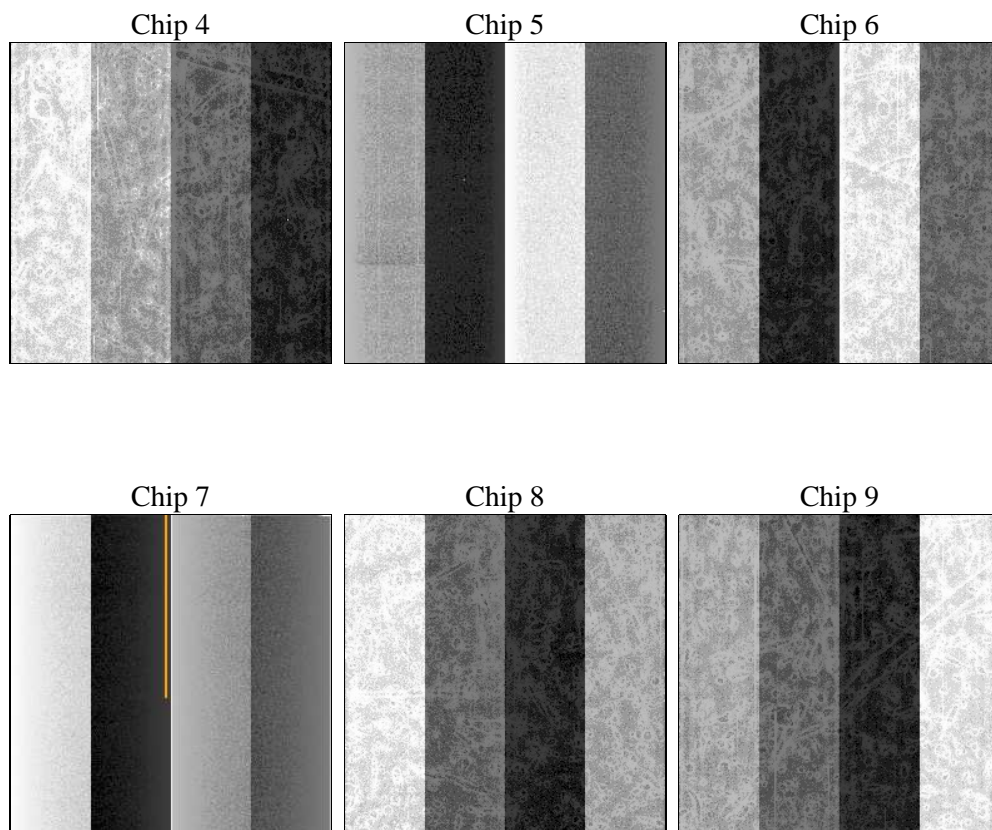
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	8278.0754804909	Sum of GTIs [s]
caldbver	4.5.4	 	ontime4	5574.9808401763	Sum of GTIs [s]
date	2012-12-07T19:56:28	Date and time of file creation	ontime5	8278.0344404876	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6070.8909817338	Sum of GTIs [s]
			ontime7	8278.0754804909	Sum of GTIs [s]
			ontime8	6278.231577605	Sum of GTIs [s]
			ontime9	5896.00268206	Sum of GTIs [s]
			l1events	1497734	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	201887	293761	227718	313524	244941	215903	grade 0 events	89898	52165	99067	63412	105107	94018
rejected events	46506	58244	45381	51254	52082	45408		44%	17%	43%	20%	42%	43%
rejected %	23%	19%	19%	16%	21%	21%	grade 1 events	692	232	541	203	597	591
								0%	0%	0%	0%	0%	0%
							grade 2 events	24975	84440	31608	57458	33678	29324
								12%	28%	13%	18%	13%	13%
							grade 3 events	10274	14265	11440	26203	12589	11063
								5%	4%	5%	8%	5%	5%
							grade 4 events	10456	13910	11332	26023	12690	10896
								5%	4%	4%	8%	5%	5%
							grade 5 events	2594	9145	2950	9203	3748	3172
								1%	3%	1%	2%	1%	1%
							grade 6 events	19863	70814	28990	89280	28905	25281
								9%	24%	12%	28%	11%	11%
							grade 7 events	43135	48790	41790	41742	47627	41558
								21%	16%	18%	13%	19%	19%

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	331.0204640748487
[deg] Pointing Dec	0	-19.97883966501705
[deg] Pointing Roll	0.0	15.01790366270207
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	209299337.216249	209299336.19124
Observation start date	2004-08-19T10:42:17	2004-08-19T10:42:16
[s] Observation end time (MET)	209322670.317287	209322669.29228
Observation end date	2004-08-19T17:11:10	2004-08-19T17:11:09
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2780754804909

A.2 Comments