

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60065 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 8 2012

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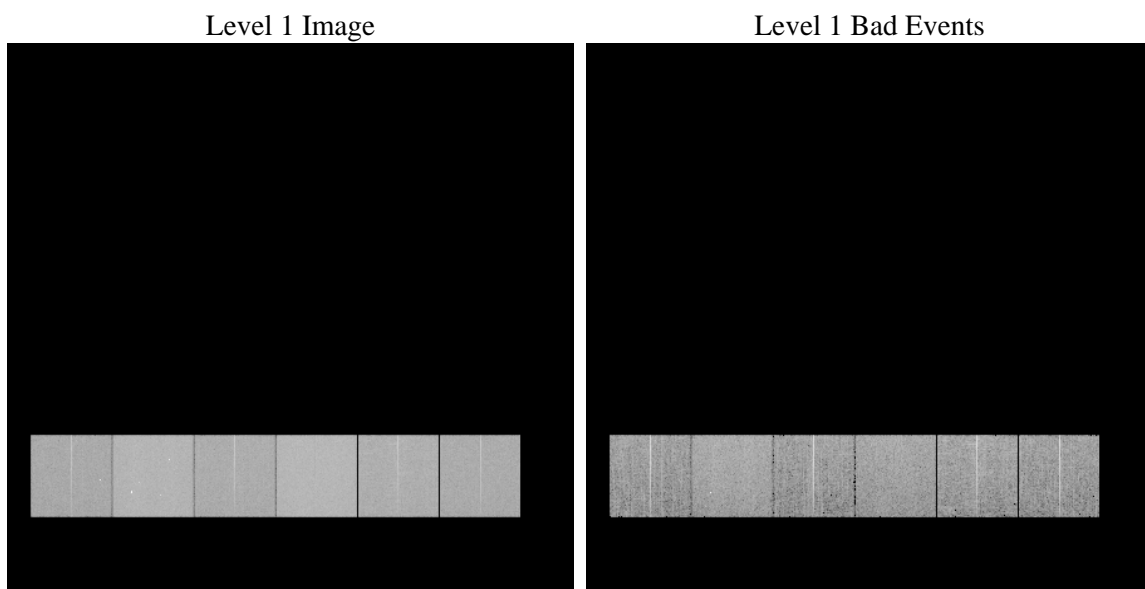
1 Front

seq_num	 	Sequence number
obs_id	60065	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	230.0148441034	Nominal RA [deg]
dec_nom	9.9758481659392	Nominal Dec [deg]
roll_nom	268.2689609384	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8220.0753754973	Sum of GTIs [s]
livetime	8115.9878315576	Livetime [s]
ontime4	5478.0967130661	Sum of GTIs [s]
ontime5	8220.034335494	Sum of GTIs [s]
ontime6	5889.7412538528	Sum of GTIs [s]
ontime7	8220.0753754973	Sum of GTIs [s]
ontime8	6161.9003166258	Sum of GTIs [s]
ontime9	5850.9726511538	Sum of GTIs [s]
l2events	1104703	Number of level 2 events

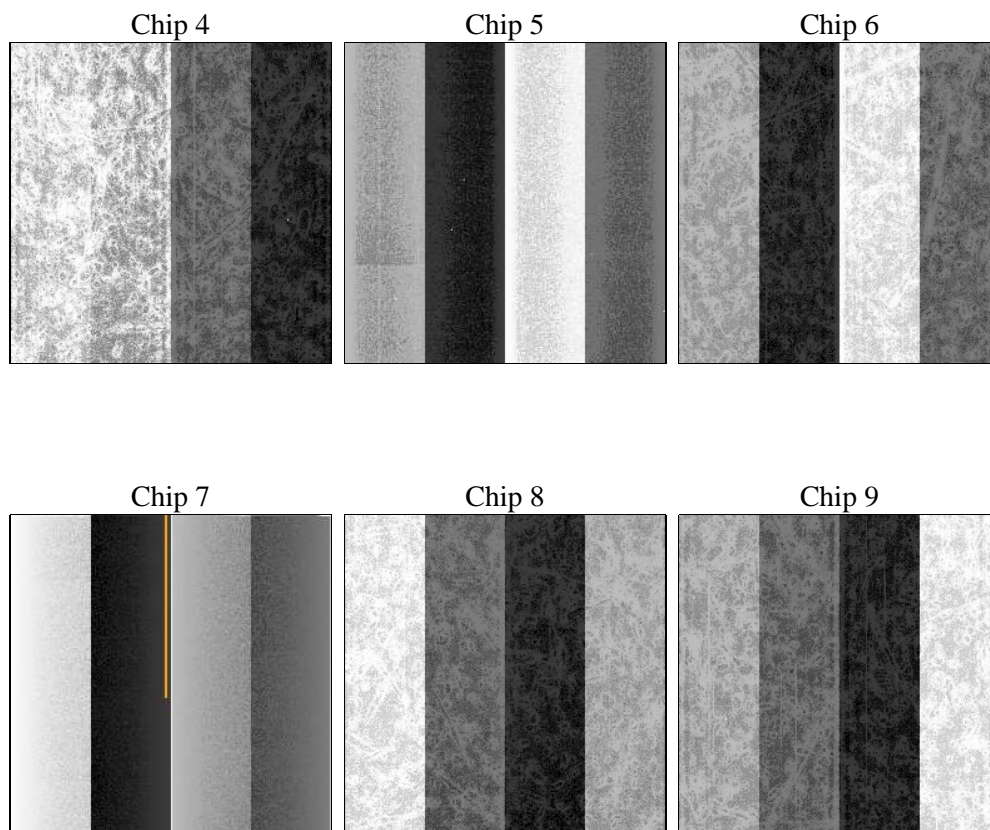
2 OBI

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	8.5	Processing system revision	ontime	8220.0753754973	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5478.0967130661	Sum of GTIs [s]
date	2012-12-08T14:35:00	Date and time of file creation	ontime5	8220.034335494	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5889.7412538528	Sum of GTIs [s]
			ontime7	8220.0753754973	Sum of GTIs [s]
			ontime8	6161.9003166258	Sum of GTIs [s]
			ontime9	5850.9726511538	Sum of GTIs [s]
			l1events	1497623	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	202392	295376	224675	314364	245164	215652	grade 0 events	90245	43178	95688	61472	103554	93306
rejected events	49747	64659	49543	55180	55752	48686		44%	14%	42%	19%	42%	43%
rejected %	24%	21%	22%	17%	22%	22%	grade 1 events	765	199	504	191	550	585
								0%	0%	0%	0%	0%	0%
							grade 2 events	23014	90819	30547	57137	33185	28183
								11%	30%	13%	18%	13%	13%
							grade 3 events	10383	12215	10818	25946	12373	10702
								5%	4%	4%	8%	5%	4%
							grade 4 events	10413	11428	11000	25532	12419	10672
								5%	3%	4%	8%	5%	4%
							grade 5 events	2664	9448	3011	9345	3748	3164
								1%	3%	1%	2%	1%	1%
							grade 6 events	19639	74690	28211	90901	29118	25289
								9%	25%	12%	28%	11%	11%
							grade 7 events	45269	53399	44896	43840	50217	43751
								22%	18%	19%	13%	20%	20%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	230.0148441033998	Alternating exposures requested	N	N
[deg] Pointing Dec	0	9.975848165939187	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	268.2689609383982			
[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)	210904374.537761	210904373.51275			
Observation start date	2004-09-07T00:32:55	2004-09-07T00:32:53			
[s] Observation end time (MET)	210926038.938727	210926037.91371			
Observation end date	2004-09-07T06:33:59	2004-09-07T06:33:57			
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)	2012.12.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2200753754973

A.2 Comments