

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60877 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 21 2012

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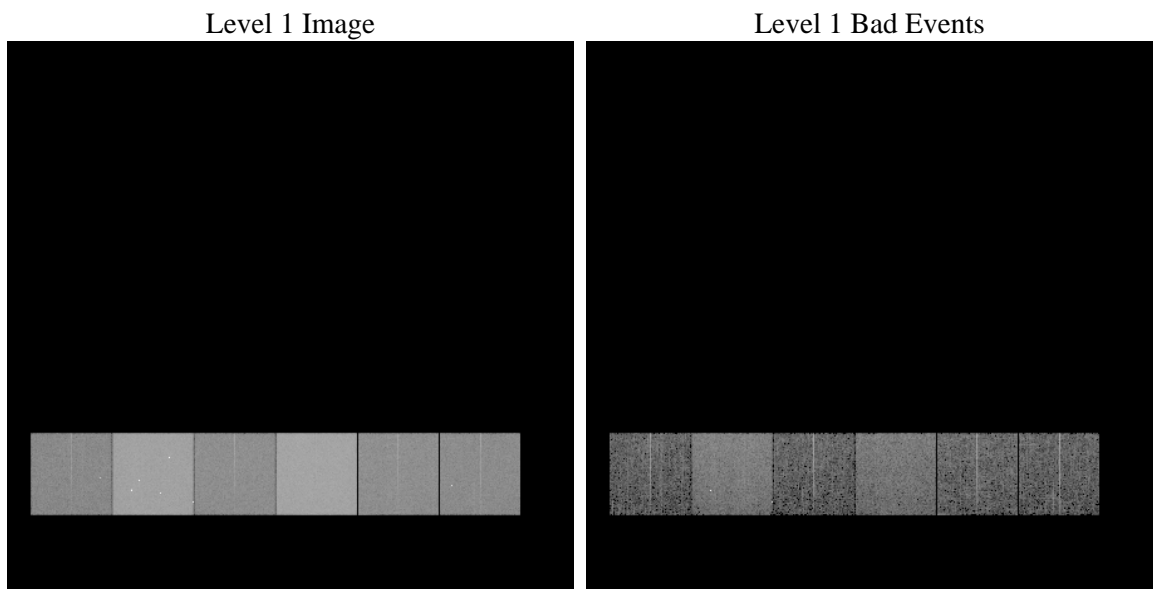
1 Front

seq_num	 	Sequence number
obs_id	60877	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	174.99710207401	Nominal RA [deg]
dec_nom	-3.9715436000915	Nominal Dec [deg]
roll_nom	62.923380634997	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7788.7999709845	Sum of GTIs [s]
livetime	7690.1734958996	Livetime [s]
ontime4	3014.8165460229	Sum of GTIs [s]
ontime5	7788.7999709845	Sum of GTIs [s]
ontime6	3447.8193197548	Sum of GTIs [s]
ontime7	7788.7999709845	Sum of GTIs [s]
ontime8	3441.4191411436	Sum of GTIs [s]
ontime9	3233.788436383	Sum of GTIs [s]
l2events	1168288	Number of level 2 events

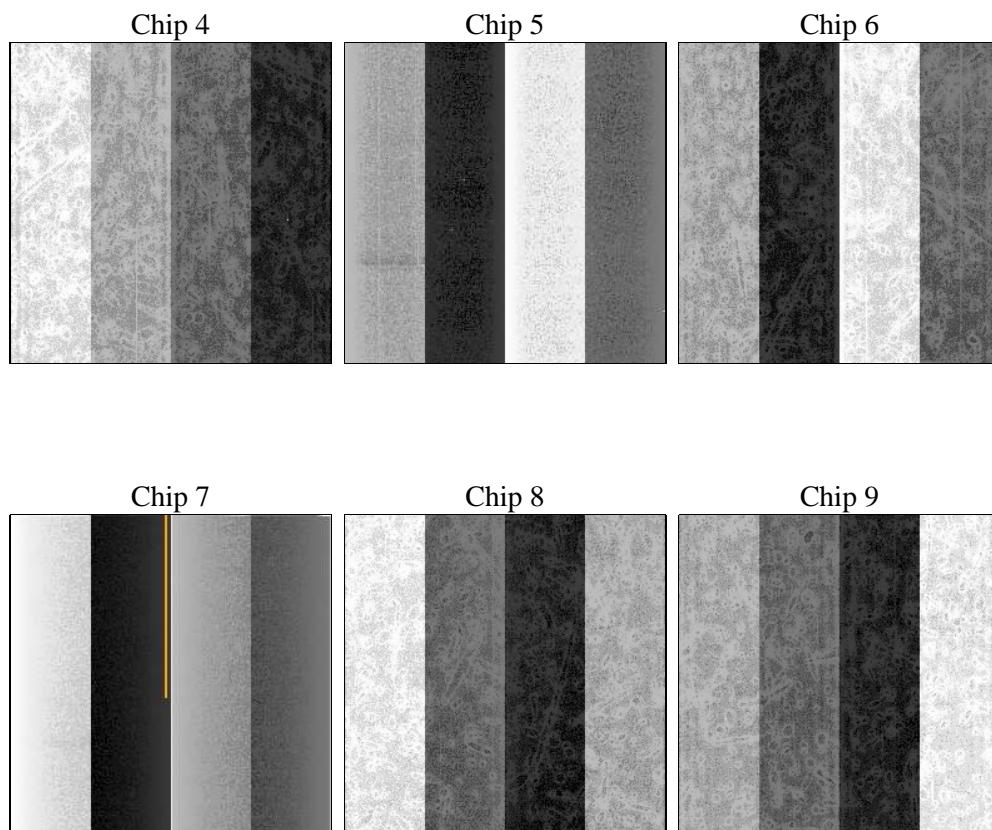
2 OBI

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	7788.7999709845	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3014.8165460229	Sum of GTIs [s]
date	2012-10-21T06:27:50	Date and time of file creation	ontime5	7788.7999709845	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3447.8193197548	Sum of GTIs [s]
			ontime7	7788.7999709845	Sum of GTIs [s]
			ontime8	3441.4191411436	Sum of GTIs [s]
			ontime9	3233.788436383	Sum of GTIs [s]
			l1events	1424646	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	147480	366507	177546	389451	180939	162723	grade 0 events	72558	73691	83936	86786	84634	77303
rejected events	23547	55267	23778	41548	27255	23629		49%	20%	47%	22%	46%	47%
rejected %	15%	15%	13%	10%	15%	14%	grade 1 events	504	475	374	210	403	425
								0%	0%	0%	0%	0%	0%
							grade 2 events	19422	113563	26496	76688	26607	23690
								13%	30%	14%	19%	14%	14%
							grade 3 events	8237	18461	9764	35002	9740	8749
								5%	5%	5%	8%	5%	5%
							grade 4 events	8297	18027	9614	35029	9788	8652
								5%	4%	5%	8%	5%	5%
							grade 5 events	1522	9678	1694	8154	2006	1734
								1%	2%	0%	2%	1%	1%
							grade 6 events	15548	87621	23958	114552	22915	20700
								10%	23%	13%	29%	12%	12%
							grade 7 events	21392	44991	21710	33030	24846	21470
								14%	12%	12%	8%	13%	13%

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	174.9971020740062	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-3.971543600091527	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	62.92338063499702			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	159456498.112696	159456497.08797			
Observation start date	2003-01-20T13:28:18	2003-01-20T13:28:17			
[s] Observation end time (MET)	159492492.014204	159492490.98948			
Observation end date	2003-01-20T23:28:12	2003-01-20T23:28:10			
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)	2012.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7887999709845

A.2 Comments