

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60745 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2012

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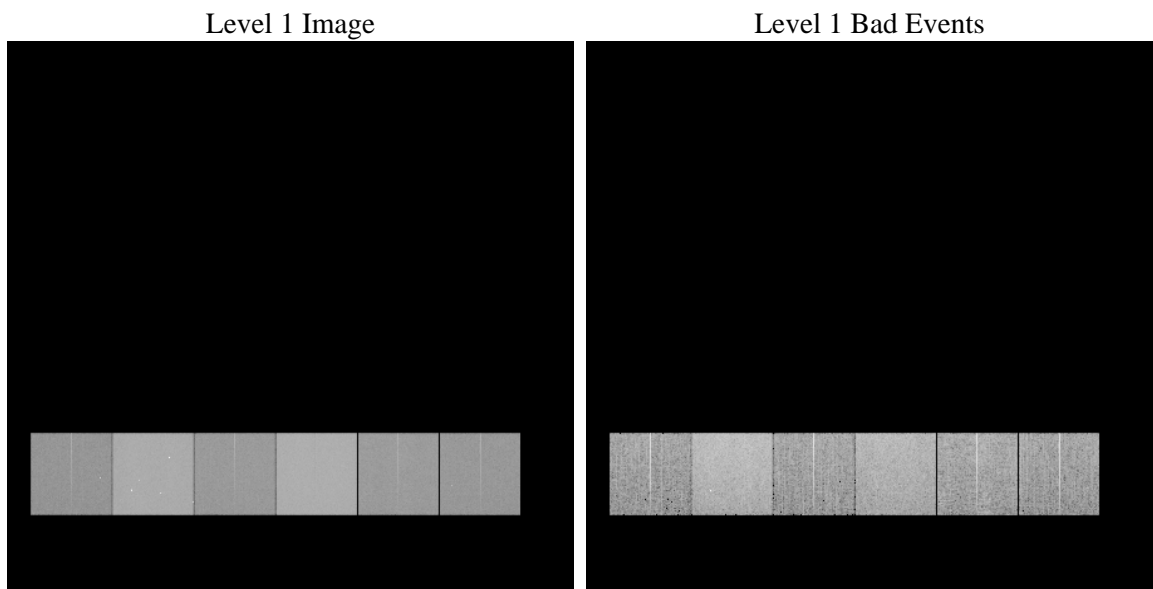
1 Front

seq_num	 	Sequence number
obs_id	60745	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	256.62949704574	Nominal RA [deg]
dec_nom	-68.27358454902	Nominal Dec [deg]
roll_nom	34.662132663515	Nominal Roll [deg]
revision	3	Processing version of data
ontime	14991.070820898	Sum of GTIs [s]
livetime	14801.244855624	Livetime [s]
ontime4	6475.584066242	Sum of GTIs [s]
ontime5	14991.029780895	Sum of GTIs [s]
ontime6	7227.49678725	Sum of GTIs [s]
ontime7	14991.070820898	Sum of GTIs [s]
ontime8	7426.4680863023	Sum of GTIs [s]
ontime9	6987.6637127101	Sum of GTIs [s]
l2events	2224040	Number of level 2 events

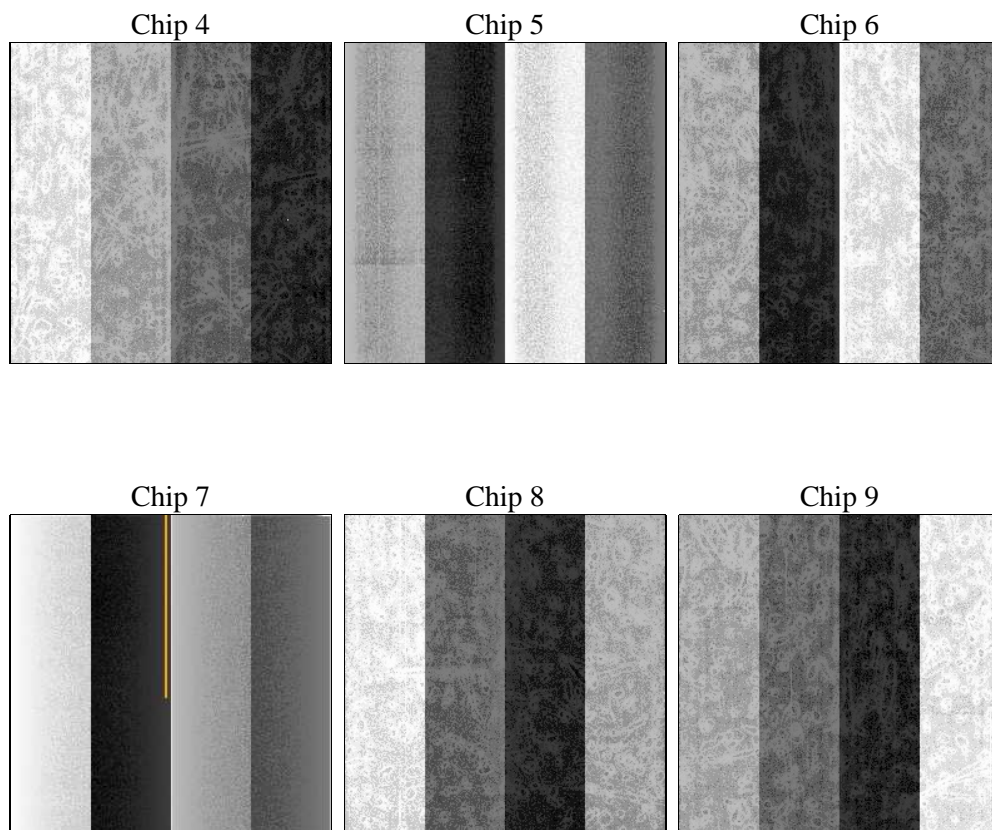
2 OBI

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	8.4.5	Processing system revision	ontime	14991.070820898	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	6475.584066242	Sum of GTIs [s]
date	2012-10-27T20:45:29	Date and time of file creation	ontime5	14991.029780895	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7227.49678725	Sum of GTIs [s]
			ontime7	14991.070820898	Sum of GTIs [s]
			ontime8	7426.4680863023	Sum of GTIs [s]
			ontime9	6987.6637127101	Sum of GTIs [s]
			l1events	2707720	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	297751	653271	351176	706959	370430	328133	grade 0 events	145559	136073	165277	158685	172825	154482
rejected events	47116	94680	49081	77096	56479	48161		48%	20%	47%	22%	46%	47%
rejected %	15%	14%	13%	10%	15%	14%	grade 1 events	993	451	783	435	840	852
								0%	0%	0%	0%	0%	0%
							grade 2 events	39830	196831	52553	140497	54897	48009
								13%	30%	14%	19%	14%	14%
							grade 3 events	16728	35453	18667	63778	20086	17827
								5%	5%	5%	9%	5%	5%
							grade 4 events	16555	35292	18562	62921	20252	17894
								5%	5%	5%	8%	5%	5%
							grade 5 events	2950	16436	3366	15011	4180	3623
								0%	2%	0%	2%	1%	1%
							grade 6 events	31963	155055	47036	204112	46019	41760
								10%	23%	13%	28%	12%	12%
							grade 7 events	43173	77680	44932	61520	51331	43686
								14%	11%	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	256.6294970457354	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-68.27358454902041	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	34.66213266351486			
[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)	169039815.966323	169039814.94163			
Observation start date	2003-05-11T11:30:16	2003-05-11T11:30:14			
[s] Observation end time (MET)	169085045.11823	169085044.09355			
Observation end date	2003-05-12T00:04:05	2003-05-12T00:04:04			
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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.991070820898

A.2 Comments