

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61159 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 9 2012

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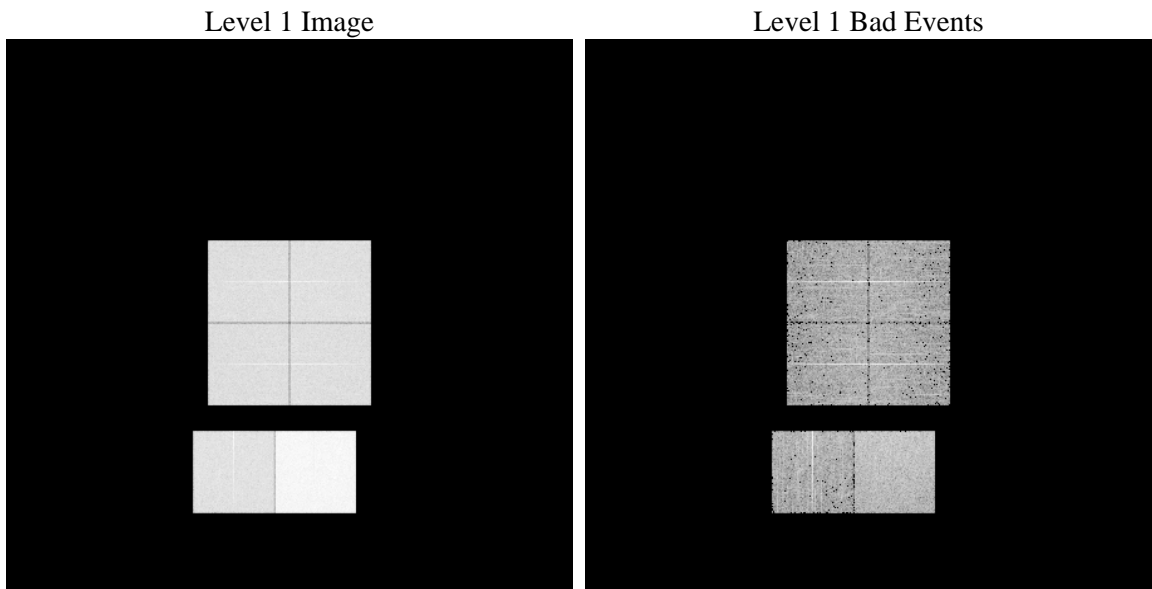
1 Front

seq_num	 	Sequence number
obs_id	61159	Observation id
title	ACIS-012367 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	289.98819658066	Nominal RA [deg]
dec_nom	-29.973253441233	Nominal Dec [deg]
roll_nom	78.154722721244	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8459.5708371699	Sum of GTIs [s]
livetime	8352.4506574876	Livetime [s]
ontime0	3772.5625091493	Sum of GTIs [s]
ontime1	3879.5160719752	Sum of GTIs [s]
ontime2	3604.0298146307	Sum of GTIs [s]
ontime3	3668.8501161933	Sum of GTIs [s]
ontime6	3954.0591245294	Sum of GTIs [s]
ontime7	8459.5708371699	Sum of GTIs [s]
l2events	1320972	Number of level 2 events

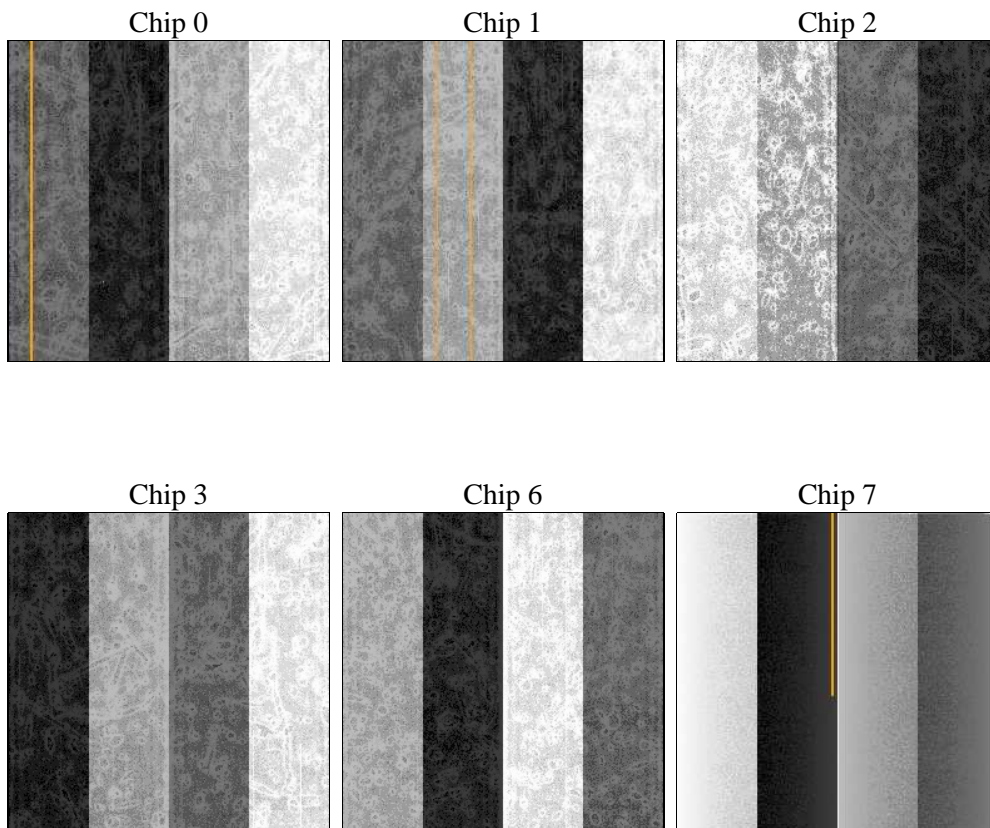
2 OBI

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	8459.5708371699	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3772.5625091493	Sum of GTIs [s]
date	2012-10-09T10:34:27	Date and time of file creation	ontime1	3879.5160719752	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3604.0298146307	Sum of GTIs [s]
			ontime3	3668.8501161933	Sum of GTIs [s]
			ontime6	3954.0591245294	Sum of GTIs [s]
			ontime7	8459.5708371699	Sum of GTIs [s]
			l1events	1556627	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	209852	217808	204718	208991	233849	481409	grade 0 events	101844	105194	99014	101976	111270	109898
rejected events	24682	26345	25830	26318	29506	45406		48%	48%	48%	48%	47%	22%
rejected %	11%	12%	12%	12%	12%	9%	grade 1 events	529	468	518	523	542	298
								0%	0%	0%	0%	0%	0%
							grade 2 events	32669	33790	31601	32471	35350	95970
								15%	15%	15%	15%	15%	19%
							grade 3 events	11679	12301	11285	11441	12745	43884
								5%	5%	5%	5%	5%	9%
							grade 4 events	11534	12036	11372	11407	12638	44225
								5%	5%	5%	5%	5%	9%
							grade 5 events	1836	1831	1744	1904	2116	8880
								0%	0%	0%	0%	0%	1%
							grade 6 events	27444	28142	25616	25378	32340	142197
								13%	12%	12%	12%	13%	29%
							grade 7 events	22317	24046	23568	23891	26848	36057
								10%	11%	11%	11%	11%	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	289.9881965806591	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-29.97325344123301	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	78.15472272124435			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	140766680.138542	140766679.11381			
Observation start date	2002-06-18T05:51:20	2002-06-18T05:51:19			
[s] Observation end time (MET)	140782301.139167	140782300.11445			
Observation end date	2002-06-18T10:11:41	2002-06-18T10:11:40			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4595708371699

A.2 Comments