

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60104 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

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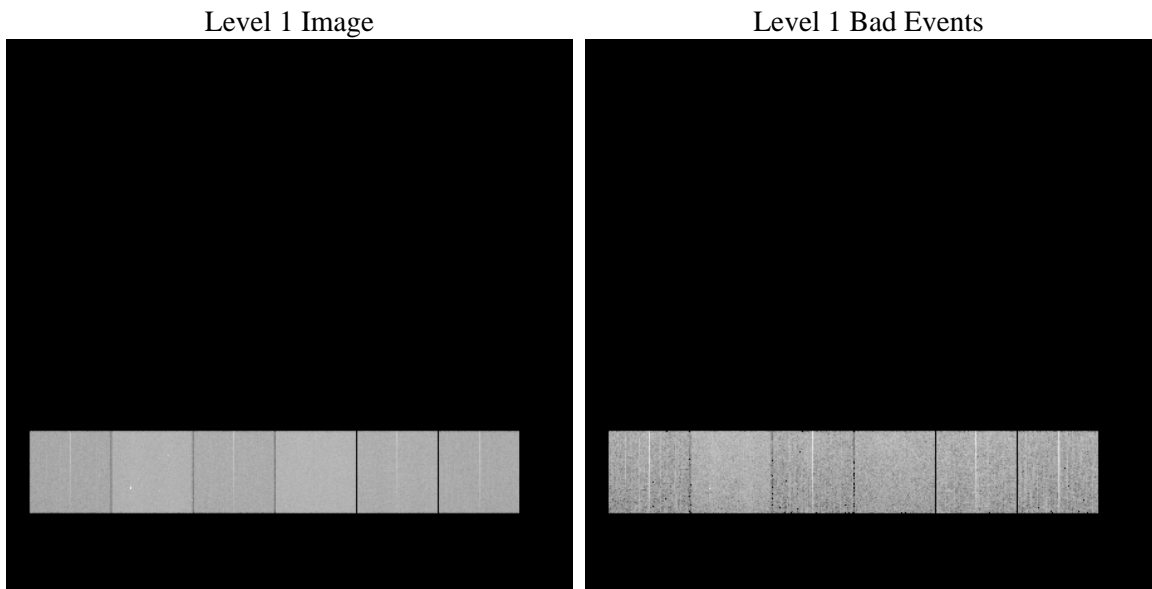
1 Front

seq_num	 	Sequence number
obs_id	60104	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	289.04375342702	Nominal RA [deg]
dec_nom	-50.005257748143	Nominal Dec [deg]
roll_nom	316.59112038489	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8278.3999691606	Sum of GTIs [s]
livetime	8173.573884097	Livetime [s]
ontime4	5758.2962400019	Sum of GTIs [s]
ontime5	8278.3999691606	Sum of GTIs [s]
ontime6	6224.9565475583	Sum of GTIs [s]
ontime7	8278.3999691606	Sum of GTIs [s]
ontime8	6421.3202087581	Sum of GTIs [s]
ontime9	5999.9931522012	Sum of GTIs [s]
l2events	1141195	Number of level 2 events

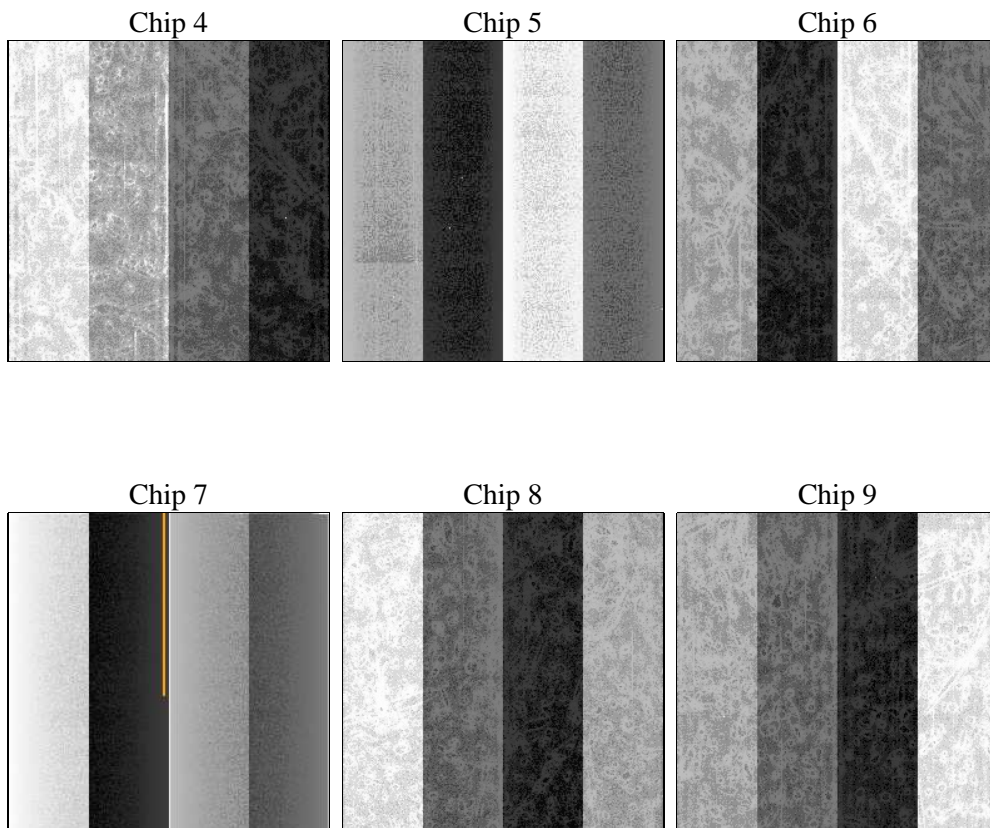
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	5	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	8278.3999691606	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5758.2962400019	Sum of GTIs [s]
date	2012-12-07T05:32:11	Date and time of file creation	ontime5	8278.3999691606	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6224.9565475583	Sum of GTIs [s]
			ontime7	8278.3999691606	Sum of GTIs [s]
			ontime8	6421.3202087581	Sum of GTIs [s]
			ontime9	5999.9931522012	Sum of GTIs [s]
			l1events	1497584	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	202555	288235	231046	308225	248897	218626	grade 0 events	93799	43403	101805	62040	108918	96398
rejected events	43460	58011	44517	48374	50602	45207		46%	15%	44%	20%	43%	44%
rejected %	21%	20%	19%	15%	20%	20%	grade 1 events	728	182	505	170	541	567
								0%	0%	0%	0%	0%	0%
							grade 2 events	24136	90235	32186	57520	33973	28985
								11%	31%	13%	18%	13%	13%
							grade 3 events	10507	12548	11702	25845	13022	10909
								5%	4%	5%	8%	5%	4%
							grade 4 events	10646	11467	11267	25201	12783	11172
								5%	3%	4%	8%	5%	5%
							grade 5 events	2549	8730	2972	8448	3525	3002
								1%	3%	1%	2%	1%	1%
							grade 6 events	20007	72571	29569	89245	29599	25955
								9%	25%	12%	28%	11%	11%
							grade 7 events	40183	49099	41040	39756	46536	41638
								19%	17%	17%	12%	18%	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	289.0437534270185
[deg] Pointing Dec	0	-50.0052577481427
[deg] Pointing Roll	0.0	316.5911203848945
[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)	208159805.715556	208159804.69056
Observation start date	2004-08-06T06:10:06	2004-08-06T06:10:04
[s] Observation end time (MET)	208183231.066598	208183230.0416
Observation end date	2004-08-06T12:40:31	2004-08-06T12:40:30
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	8.2783999691606

A.2 Comments