

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58111 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 5 2012

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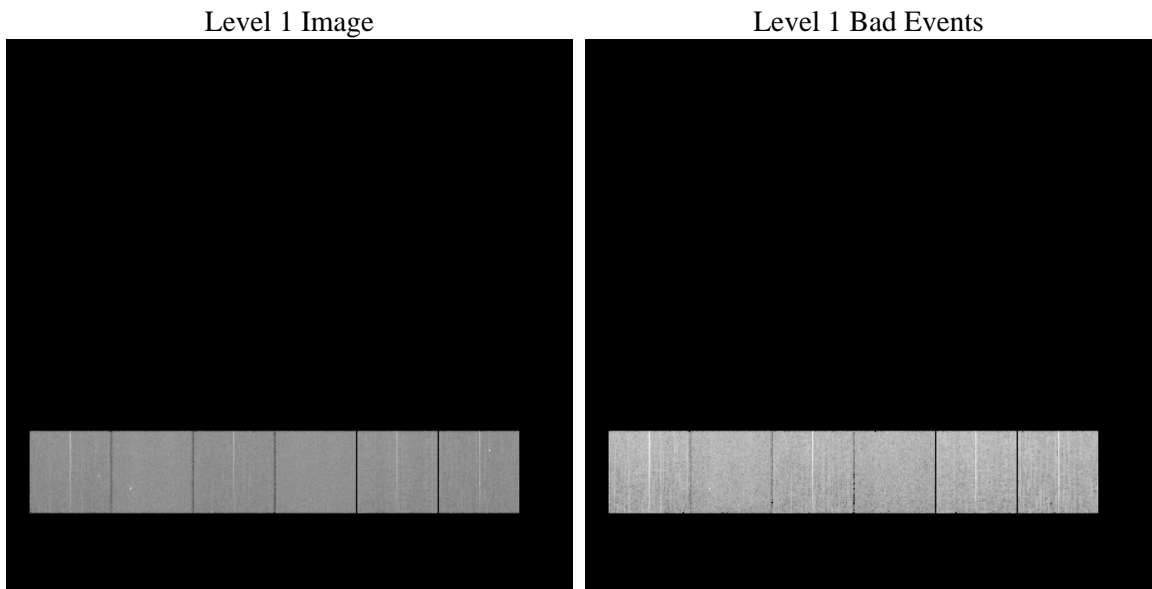
1 Front

seq_num	 	Sequence number
obs_id	58111	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	90.97680721928	Nominal RA [deg]
dec_nom	30.020523477532	Nominal Dec [deg]
roll_nom	101.54136517908	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	682976	Number of level 2 events

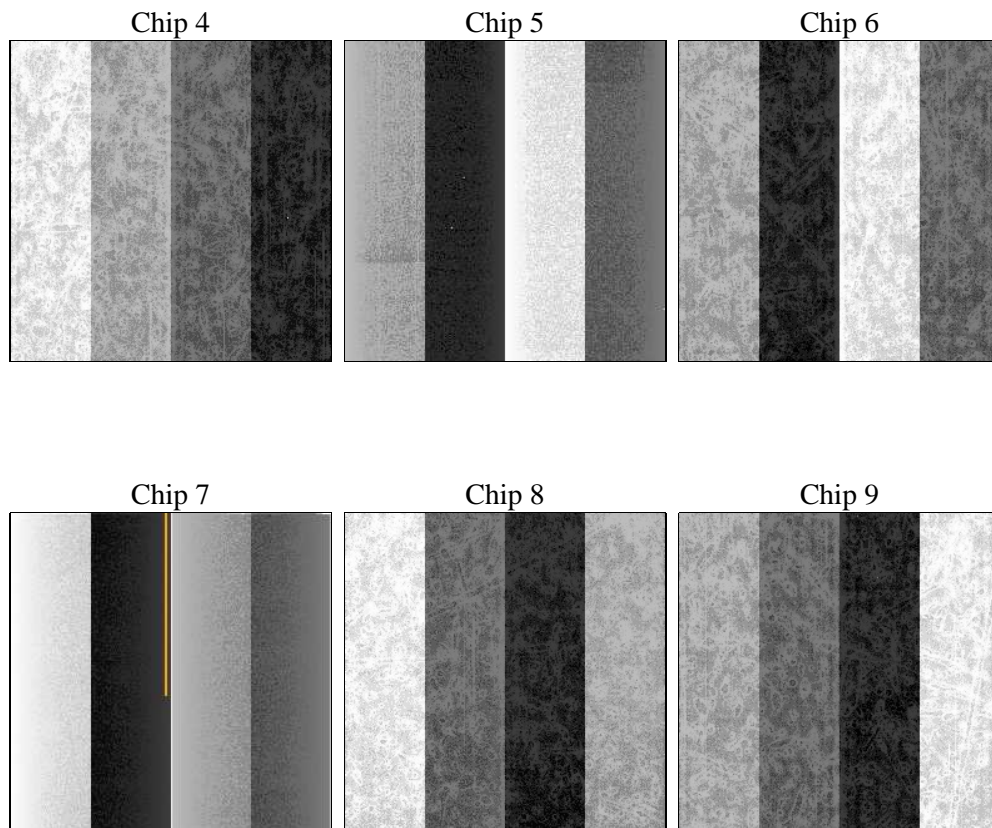
2 OBI

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	8.4.4	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-05-05T07:16:49	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1187020	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	187787	206611	187305	207592	207941	189784	grade 0 events	61345	20556	60474	29091	64506	61832
rejected events	81386	69558	73635	64541	82788	78008		32%	9%	32%	14%	31%	32%
rejected %	43%	33%	39%	31%	39%	41%	grade 1 events	591	218	365	149	392	429
								0%	0%	0%	0%	0%	0%
							grade 2 events	16532	50965	20238	31091	22621	18807
								8%	24%	10%	14%	10%	9%
							grade 3 events	7369	7118	7084	13345	8690	7175
								3%	3%	3%	6%	4%	3%
							grade 4 events	7386	6391	7173	13360	8506	7041
								3%	3%	3%	6%	4%	3%
							grade 5 events	3980	9423	4337	10533	5480	4611
								2%	4%	2%	5%	2%	2%
							grade 6 events	13769	52023	18701	56164	20830	16971
								7%	25%	9%	27%	10%	8%
							grade 7 events	76815	59917	68933	53859	76916	72918
								40%	28%	36%	25%	36%	38%

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	90.97680721928023
[deg] Pointing Dec	0	30.0205234775316
[deg] Pointing Roll	0.0	101.5413651790813
[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)	312338125.06089	312338124.0359
Observation start date	2007-11-25T00:35:25	2007-11-25T00:35:24
[s] Observation end time (MET)	312361837.412035	312361836.38705
Observation end date	2007-11-25T07:10:37	2007-11-25T07:10:36
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)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments