

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60151 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 3 2012

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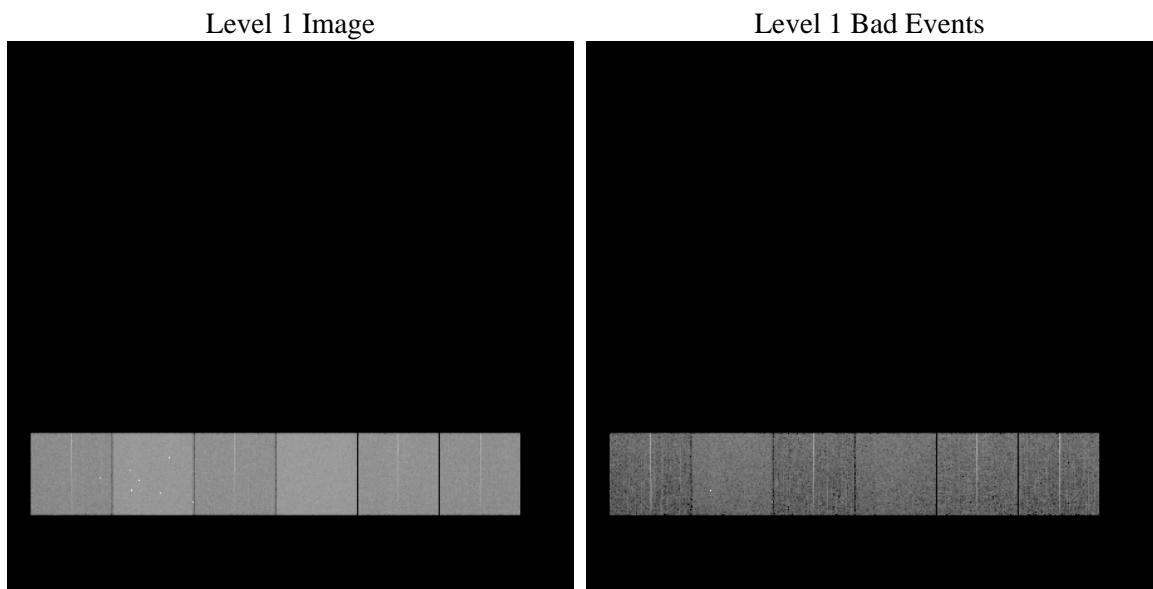
1 Front

seq_num	 	Sequence number
obs_id	60151	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	273.99552249483	Nominal RA [deg]
dec_nom	-14.028300682877	Nominal Dec [deg]
roll_nom	228.3801753025	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8274.6140266061	Sum of GTIs [s]
livetime	8169.8358814268	Livetime [s]
ontime4	5237.4898235202	Sum of GTIs [s]
ontime5	8274.5729866028	Sum of GTIs [s]
ontime6	5743.3324504793	Sum of GTIs [s]
ontime7	8274.6140266061	Sum of GTIs [s]
ontime8	6012.0838146508	Sum of GTIs [s]
ontime9	5681.5057622194	Sum of GTIs [s]
l2events	1127226	Number of level 2 events

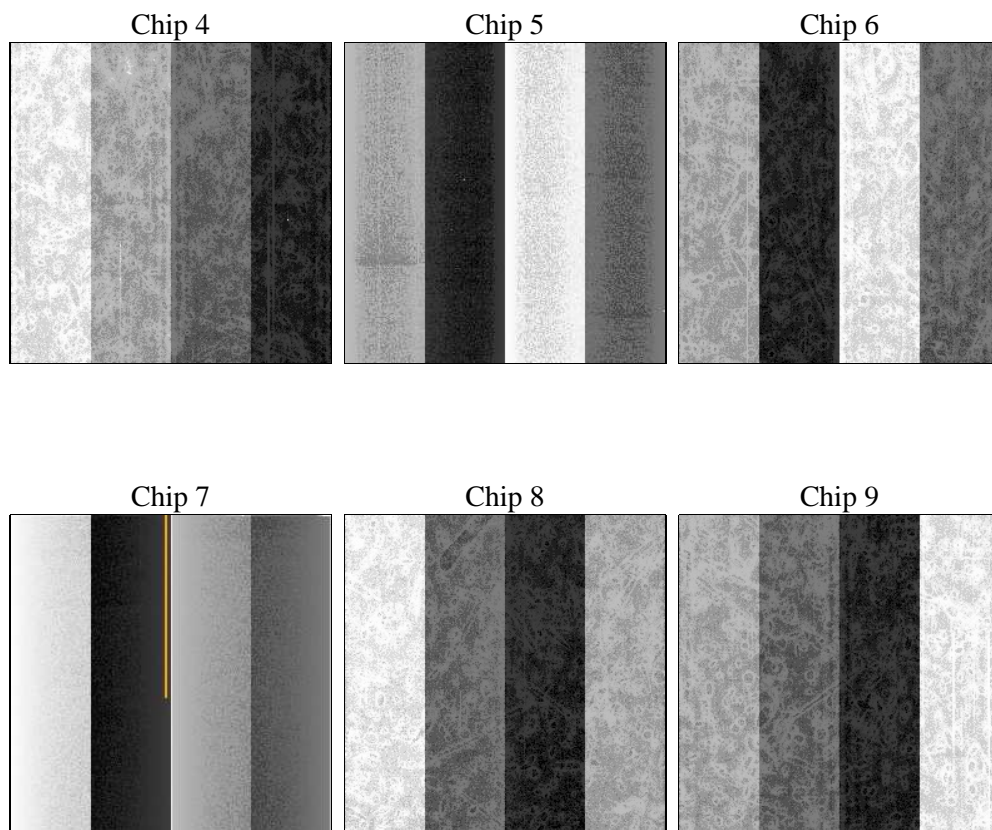
2 OBI

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	8274.6140266061	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	5237.4898235202	Sum of GTIs [s]
date	2012-12-03T20:51:30	Date and time of file creation	ontime5	8274.5729866028	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5743.3324504793	Sum of GTIs [s]
			ontime7	8274.6140266061	Sum of GTIs [s]
			ontime8	6012.0838146508	Sum of GTIs [s]
			ontime9	5681.5057622194	Sum of GTIs [s]
			l1events	1498221	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	193222	309368	221287	320068	240624	213652	grade 0 events	88501	53799	96501	64536	103783	93383
rejected events	42664	63189	44250	51787	50066	44857		45%	17%	43%	20%	43%	43%
rejected %	22%	20%	19%	16%	20%	20%	grade 1 events	693	253	509	207	581	569
								0%	0%	0%	0%	0%	0%
							grade 2 events	23158	90913	30580	58408	33045	28461
								11%	29%	13%	18%	13%	13%
							grade 3 events	9860	12927	11051	26920	12629	10841
								5%	4%	4%	8%	5%	5%
							grade 4 events	9956	12599	10840	26511	12545	10918
								5%	4%	4%	8%	5%	5%
							grade 5 events	2540	9729	2948	9164	3557	3026
								1%	3%	1%	2%	1%	1%
							grade 6 events	19083	76027	28161	91999	28556	25192
								9%	24%	12%	28%	11%	11%
							grade 7 events	39431	53121	40697	42323	45928	41262
								20%	17%	18%	13%	19%	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	273.9955224948292
[deg] Pointing Dec	0	-14.02830068287656
[deg] Pointing Roll	0.0	228.380175302504
[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)	205414898.643632	205414897.61863
Observation start date	2004-07-05T11:41:39	2004-07-05T11:41:37
[s] Observation end time (MET)	205439234.194711	205439233.16971
Observation end date	2004-07-05T18:27:14	2004-07-05T18:27:13
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)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2746140266061

A.2 Comments