

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59959 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 12 2012

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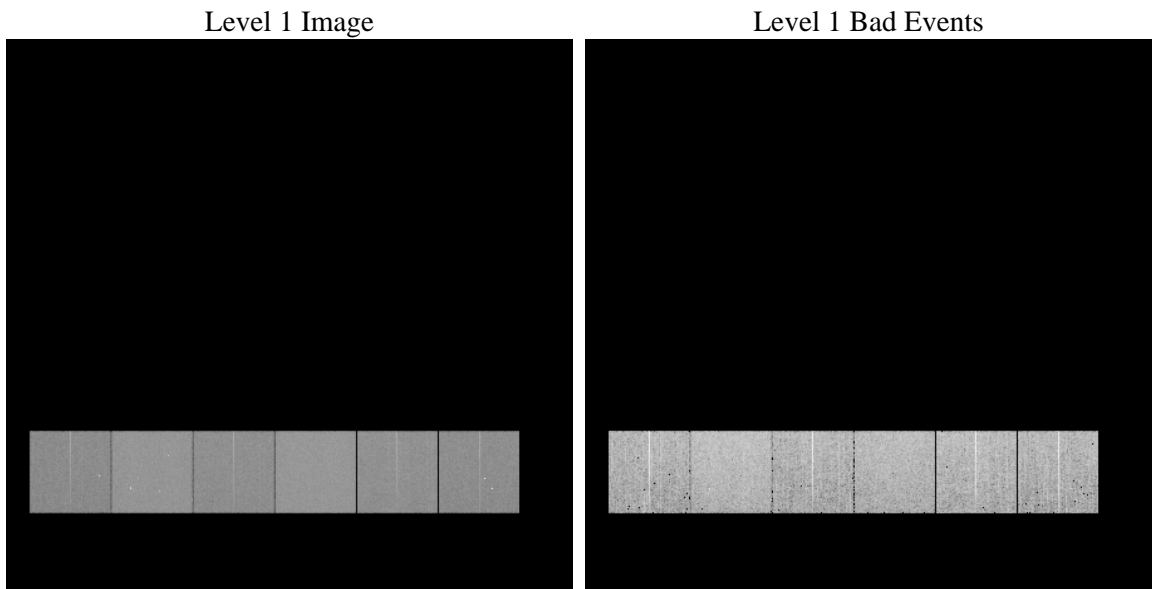
1 Front

seq_num	 	Sequence number
obs_id	59959	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	76.95890644006	Nominal RA [deg]
dec_nom	46.300629843404	Nominal Dec [deg]
roll_nom	142.95593865741	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7797.0551924706	Sum of GTIs [s]
livetime	7698.3241848005	Livetime [s]
ontime4	5482.8691813946	Sum of GTIs [s]
ontime5	7797.0141524673	Sum of GTIs [s]
ontime6	6030.637206018	Sum of GTIs [s]
ontime7	7797.0551924706	Sum of GTIs [s]
ontime8	6115.8009006977	Sum of GTIs [s]
ontime9	5803.8909977376	Sum of GTIs [s]
l2events	1046867	Number of level 2 events

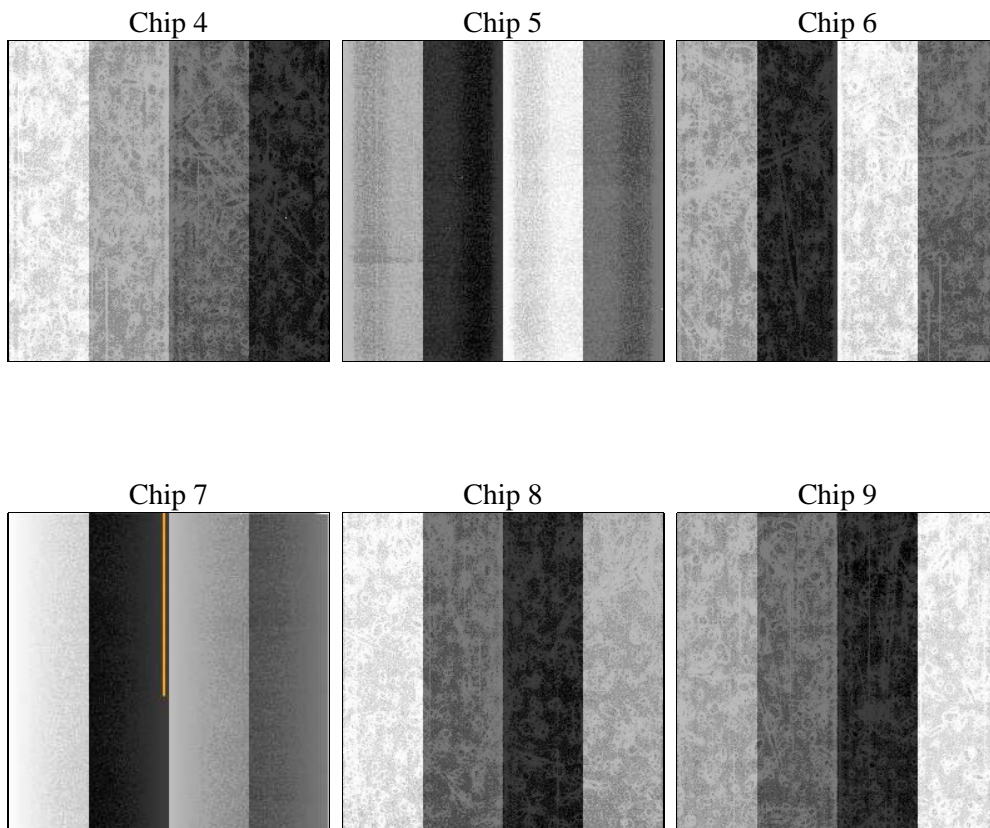
2 OBI

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	8.5	Processing system revision	ontime	7797.0551924706	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5482.8691813946	Sum of GTIs [s]
date	2012-12-12T04:36:09	Date and time of file creation	ontime5	7797.0141524673	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6030.637206018	Sum of GTIs [s]
			ontime7	7797.0551924706	Sum of GTIs [s]
			ontime8	6115.8009006977	Sum of GTIs [s]
			ontime9	5803.8909977376	Sum of GTIs [s]
			l1events	1411112	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	191597	271889	217929	286971	232730	209996	grade 0 events	84428	46775	93152	57344	97426	87679
rejected events	45631	57297	45470	49115	52234	45994		44%	17%	42%	19%	41%	41%
rejected %	23%	21%	20%	17%	22%	21%	grade 1 events	680	410	513	174	504	529
								0%	0%	0%	0%	0%	0%
							grade 2 events	23348	76790	30020	52426	31608	31719
								12%	28%	13%	18%	13%	15%
							grade 3 events	9633	12625	10771	24013	11748	10455
								5%	4%	4%	8%	5%	4%
							grade 4 events	9632	12594	10749	23285	11834	10182
								5%	4%	4%	8%	5%	4%
							grade 5 events	2612	8817	3097	8882	3650	3247
								1%	3%	1%	3%	1%	1%
							grade 6 events	18925	65808	27767	80788	27880	23967
								9%	24%	12%	28%	11%	11%
							grade 7 events	42339	48070	41860	40059	48080	42218
								22%	17%	19%	13%	20%	20%

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	76.95890644005976
[deg] Pointing Dec	0	46.30062984340362
[deg] Pointing Roll	0.0	142.9559386574119
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	217490096.182448	217490095.15744
Observation start date	2004-11-22T05:54:56	2004-11-22T05:54:55
[s] Observation end time (MET)	217527297.534117	217527296.50911
Observation end date	2004-11-22T16:14:58	2004-11-22T16:14:56
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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7970551924706

A.2 Comments