

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59497 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 27 2012

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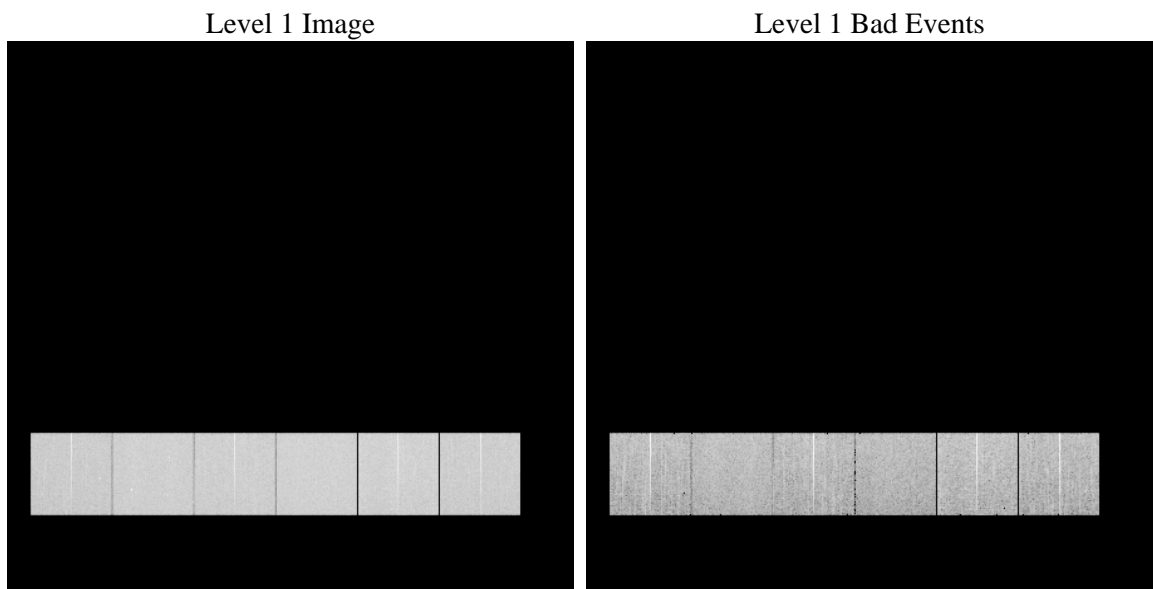
1 Front

seq_num	 	Sequence number
obs_id	59497	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	346.01319289006	Nominal RA [deg]
dec_nom	-37.973368892227	Nominal Dec [deg]
roll_nom	35.817791239819	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8249.5999692678	Sum of GTIs [s]
livetime	8145.1385671442	Livetime [s]
ontime4	7270.8244478703	Sum of GTIs [s]
ontime5	8249.5999692678	Sum of GTIs [s]
ontime6	7922.261228621	Sum of GTIs [s]
ontime7	8249.5999692678	Sum of GTIs [s]
ontime8	8087.5511040688	Sum of GTIs [s]
ontime9	7666.2233478725	Sum of GTIs [s]
l2events	1052763	Number of level 2 events

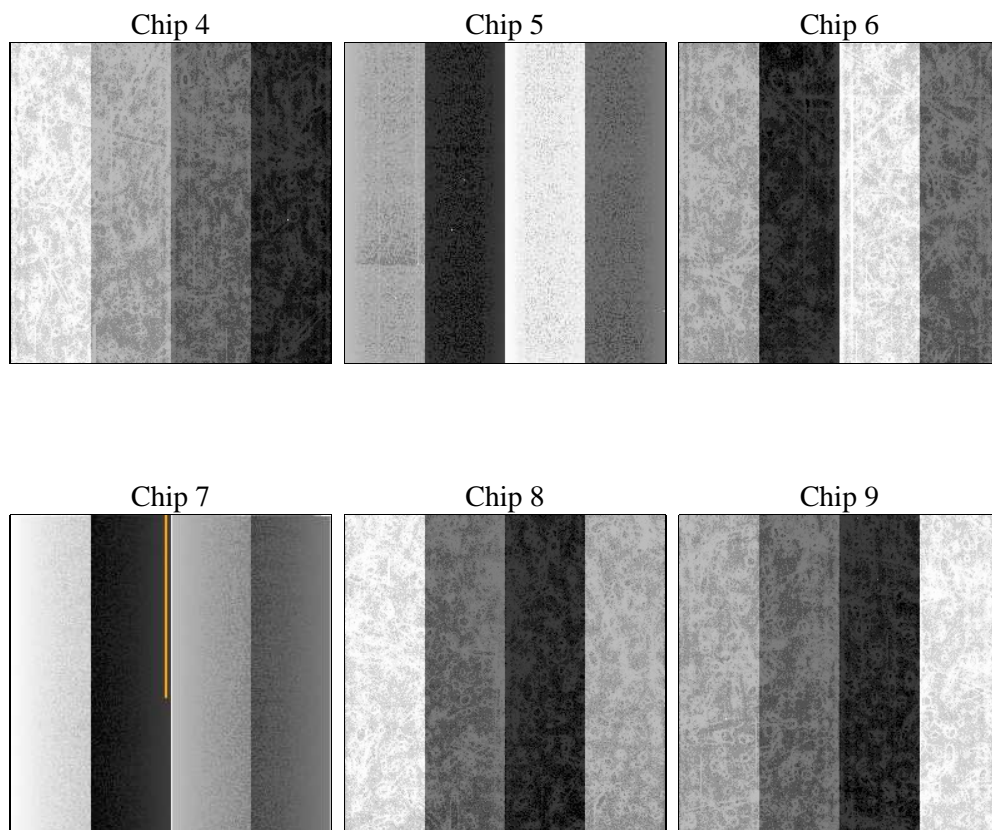
2 OBI

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	8.5.1.1	Processing system revision	ontime	8249.5999692678	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	7270.8244478703	Sum of GTIs [s]
date	2012-12-27T23:49:36	Date and time of file creation	ontime5	8249.5999692678	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7922.261228621	Sum of GTIs [s]
			ontime7	8249.5999692678	Sum of GTIs [s]
			ontime8	8087.5511040688	Sum of GTIs [s]
			ontime9	7666.2233478725	Sum of GTIs [s]
			l1events	1485196	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	219807	249980	248649	264185	267328	235247	grade 0 events	93159	32663	100940	48617	107508	97194
rejected events	61325	61082	61773	53380	68834	60280		42%	13%	40%	18%	40%	41%
rejected %	27%	24%	24%	20%	25%	25%	grade 1 events	772	207	530	165	592	565
								0%	0%	0%	0%	0%	0%
							grade 2 events	23459	74753	33303	46521	34971	29081
								10%	29%	13%	17%	13%	12%
							grade 3 events	11067	9084	11573	20570	12960	11228
								5%	3%	4%	7%	4%	4%
							grade 4 events	10727	8831	11365	20323	12924	11268
								4%	3%	4%	7%	4%	4%
							grade 5 events	3203	8530	3678	8815	4709	3841
								1%	3%	1%	3%	1%	1%
							grade 6 events	20699	64271	30374	75493	30806	26857
								9%	25%	12%	28%	11%	11%
							grade 7 events	56721	51641	56886	43681	62858	55213
								25%	20%	22%	16%	23%	23%

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	346.0131928900625
[deg] Pointing Dec	0	-37.97336889222728
[deg] Pointing Roll	0.0	35.81779123981921
[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)	240841700.542894	240841699.51789
Observation start date	2005-08-19T12:28:21	2005-08-19T12:28:19
[s] Observation end time (MET)	240852208.843376	240852207.81837
Observation end date	2005-08-19T15:23:29	2005-08-19T15:23:27
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2495999692678

A.2 Comments