

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60122 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 6 2012

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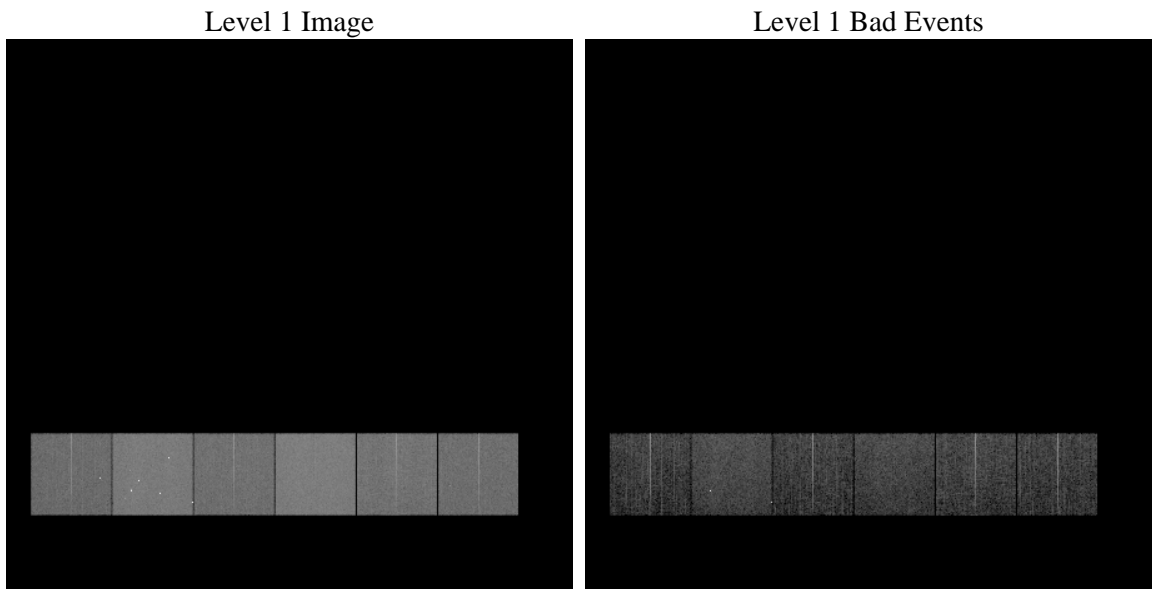
1 Front

seq_num	 	Sequence number
obs_id	60122	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	282.01755829855	Nominal RA [deg]
dec_nom	-22.023549821495	Nominal Dec [deg]
roll_nom	271.75352033211	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8278.3999691606	Sum of GTIs [s]
livetime	8173.573884097	Livetime [s]
ontime4	5448.1547983289	Sum of GTIs [s]
ontime5	8278.3999691606	Sum of GTIs [s]
ontime6	5880.0797531307	Sum of GTIs [s]
ontime7	8278.3999691606	Sum of GTIs [s]
ontime8	6102.8320114315	Sum of GTIs [s]
ontime9	5698.5850091279	Sum of GTIs [s]
l2events	1129706	Number of level 2 events

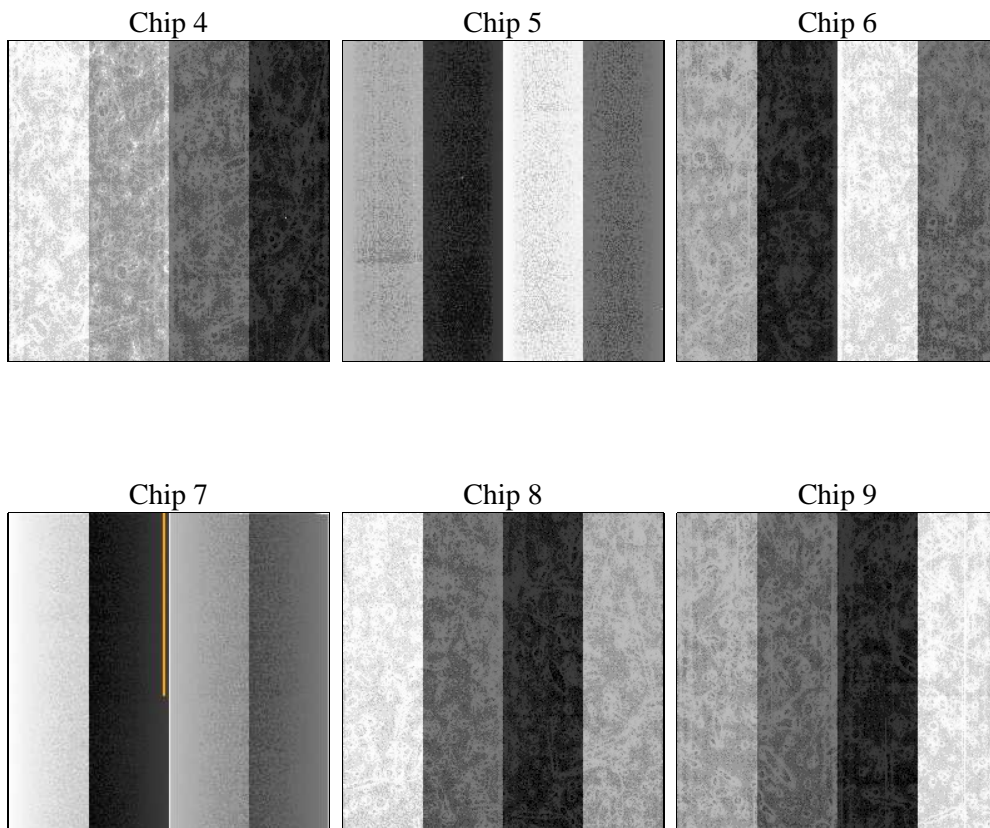
2 OBI

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	Processing system revision	ontime	8278.3999691606	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5448.1547983289	Sum of GTIs [s]
date	2012-12-06T12:09:26	Date and time of file creation	ontime5	8278.3999691606	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5880.0797531307	Sum of GTIs [s]
			ontime7	8278.3999691606	Sum of GTIs [s]
			ontime8	6102.8320114315	Sum of GTIs [s]
			ontime9	5698.5850091279	Sum of GTIs [s]
			l1events	1498594	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	199611	306017	224025	315840	241962	211139	grade 0 events	91057	55159	97816	63834	104671	92101
rejected events	43770	61420	44054	50204	49782	44301		45%	18%	43%	20%	43%	43%
rejected %	21%	20%	19%	15%	20%	20%	grade 1 events	742	230	508	211	559	549
								0%	0%	0%	0%	0%	0%
							grade 2 events	24096	88413	31027	58648	33754	28443
								12%	28%	13%	18%	13%	13%
							grade 3 events	10427	13359	11204	26628	12598	10887
								5%	4%	5%	8%	5%	5%
							grade 4 events	10449	13297	11288	26094	12357	10773
								5%	4%	5%	8%	5%	5%
							grade 5 events	2552	10257	2864	8969	3519	3010
								1%	3%	1%	2%	1%	1%
							grade 6 events	19812	74467	28745	90545	28800	24742
								9%	24%	12%	28%	11%	11%
							grade 7 events	40476	50835	40573	40911	45704	40634
								20%	16%	18%	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	282.0175582985452
[deg] Pointing Dec	0	-22.02354982149501
[deg] Pointing Roll	0.0	271.7535203321111
[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)	206789144.90465	206789143.87963
Observation start date	2004-07-21T09:25:45	2004-07-21T09:25:43
[s] Observation end time (MET)	206811416.105641	206811415.08062
Observation end date	2004-07-21T15:36:56	2004-07-21T15:36:55
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)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999691606

A.2 Comments