

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59487 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 28 2012

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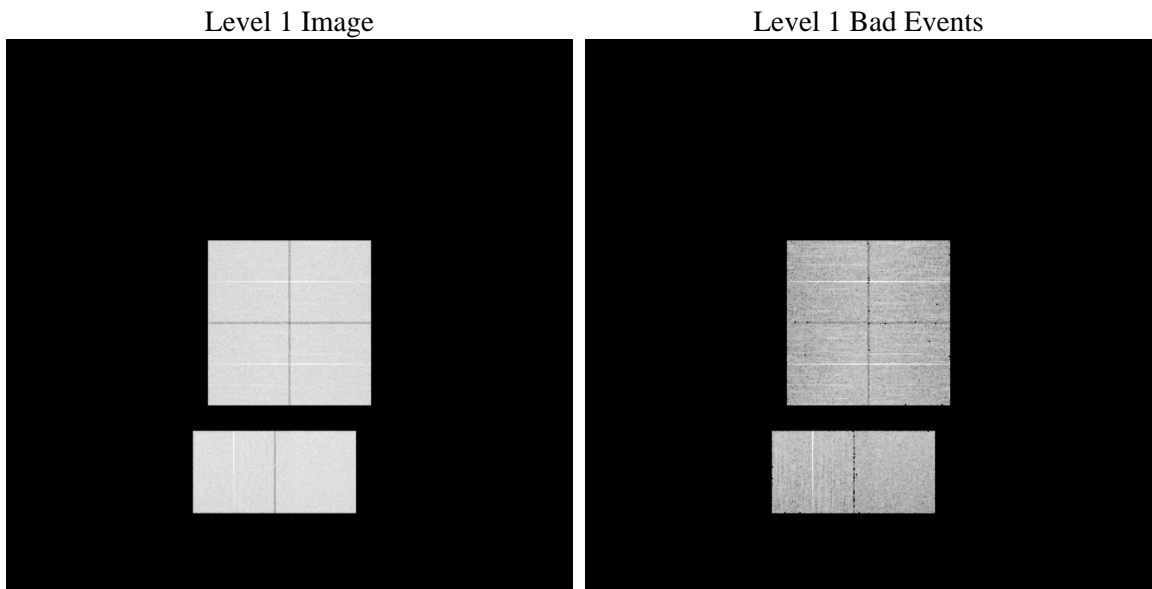
1 Front

seq_num	 	Sequence number
obs_id	59487	Observation id
title	ACIS-012367 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	315.02109916494	Nominal RA [deg]
dec_nom	-27.010173548379	Nominal Dec [deg]
roll_nom	305.09597591227	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.9907460511	Sum of GTIs [s]
livetime	7702.2099040319	Livetime [s]
ontime0	7606.491407901	Sum of GTIs [s]
ontime1	7710.1614279747	Sum of GTIs [s]
ontime2	7480.0117250383	Sum of GTIs [s]
ontime3	7613.0554785728	Sum of GTIs [s]
ontime6	7800.8265860677	Sum of GTIs [s]
ontime7	7800.9907460511	Sum of GTIs [s]
l2events	1019296	Number of level 2 events

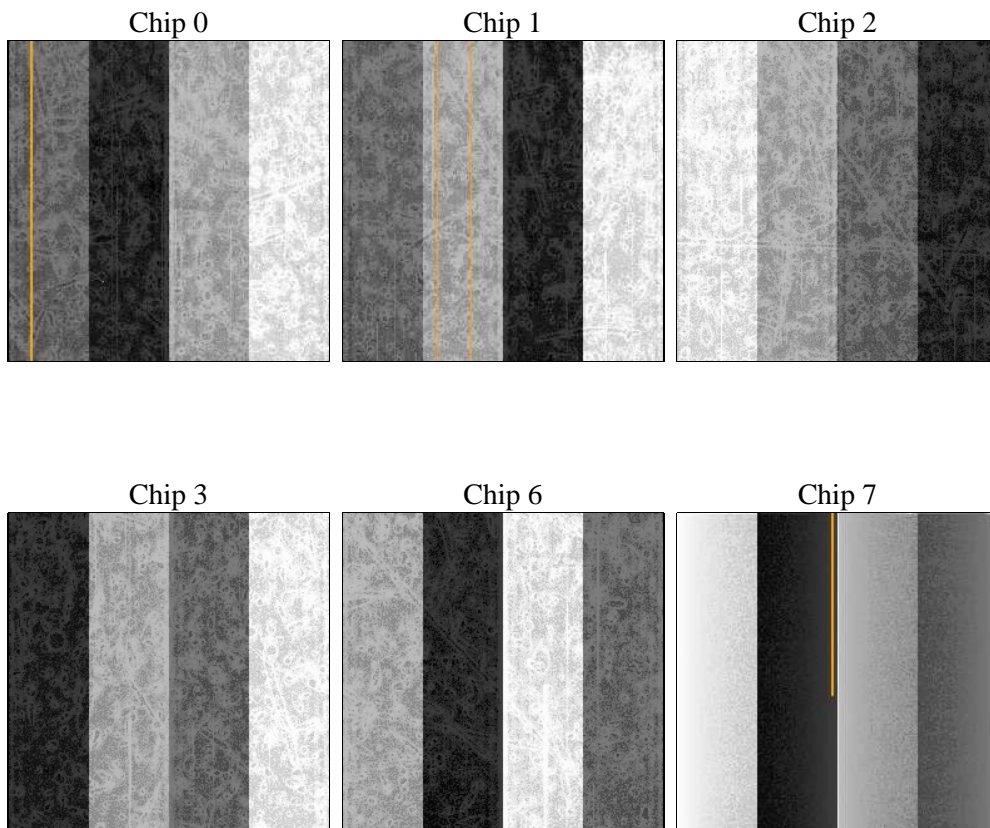
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	7800.9907460511	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7606.491407901	Sum of GTIs [s]
date	2012-12-28T06:00:22	Date and time of file creation	ontime1	7710.1614279747	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7480.0117250383	Sum of GTIs [s]
			ontime3	7613.0554785728	Sum of GTIs [s]
			ontime6	7800.8265860677	Sum of GTIs [s]
			ontime7	7800.9907460511	Sum of GTIs [s]
			l1events	1398076	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	222973	227085	227030	228576	242988	249424	grade 0 events	93739	93894	94659	97304	99917	47194
rejected events	52055	53795	57321	54941	58875	48651		42%	41%	41%	42%	41%	18%
rejected %	23%	23%	25%	24%	24%	19%	grade 1 events	598	501	641	572	542	202
								0%	0%	0%	0%	0%	0%
							grade 2 events	30182	31308	28694	29682	31744	44109
								13%	13%	12%	12%	13%	17%
							grade 3 events	11028	11240	11132	11135	11327	20079
								4%	4%	4%	4%	4%	8%
							grade 4 events	10923	11128	11046	11333	11613	19678
								4%	4%	4%	4%	4%	7%
							grade 5 events	3246	3462	3036	3547	3733	8638
								1%	1%	1%	1%	1%	3%
							grade 6 events	25046	25720	24178	24181	29512	69713
								11%	11%	10%	10%	12%	27%
							grade 7 events	48211	49832	53644	50822	54600	39811
								21%	21%	23%	22%	22%	15%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	315.0210991649444
[deg] Pointing Dec	0	-27.01017354837861
[deg] Pointing Roll	0.0	305.0959759122698
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	241707030.18258	241707029.15758
Observation start date	2005-08-29T12:50:30	2005-08-29T12:50:29
[s] Observation end time (MET)	241722232.983277	241722231.95828
Observation end date	2005-08-29T17:03:53	2005-08-29T17:03:51
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	7.8009907460511

A.2 Comments