

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57807 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 15 2012

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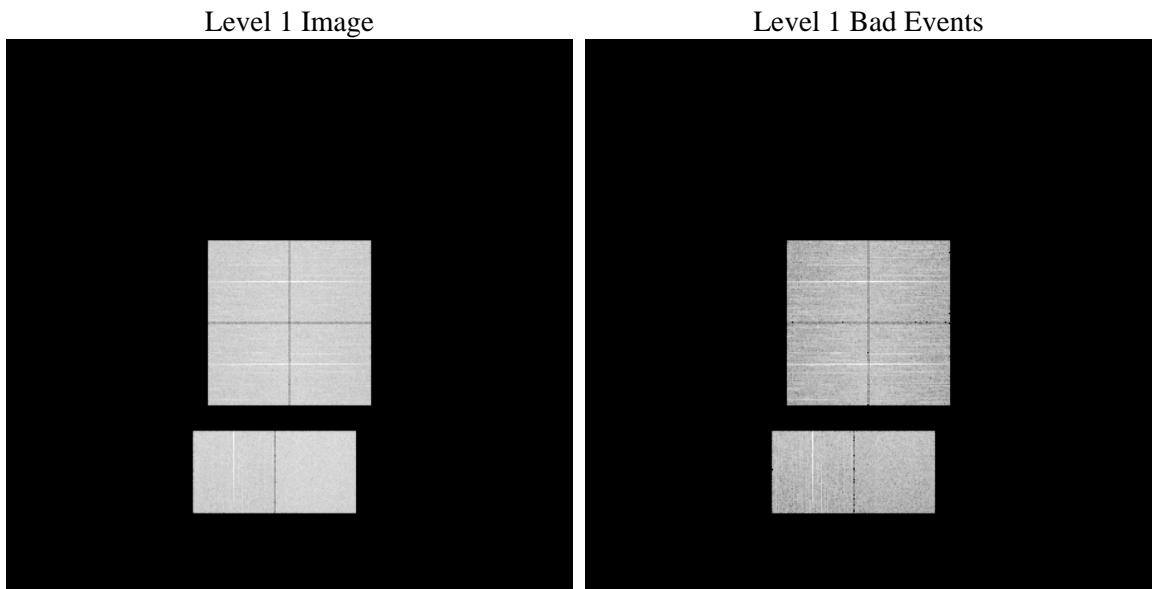
1 Front

seq_num	 	Sequence number
obs_id	57807	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	234.0367257499	Nominal RA [deg]
dec_nom	-44.982615767817	Nominal Dec [deg]
roll_nom	352.54733733606	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8188.7999695539	Sum of GTIs [s]
livetime	8085.1084536361	Livetime [s]
ontime0	8188.7999695539	Sum of GTIs [s]
ontime1	8188.7999695539	Sum of GTIs [s]
ontime2	8188.7999695539	Sum of GTIs [s]
ontime3	8188.7999695539	Sum of GTIs [s]
ontime6	8188.7999695539	Sum of GTIs [s]
ontime7	8188.7999695539	Sum of GTIs [s]
l2events	592731	Number of level 2 events

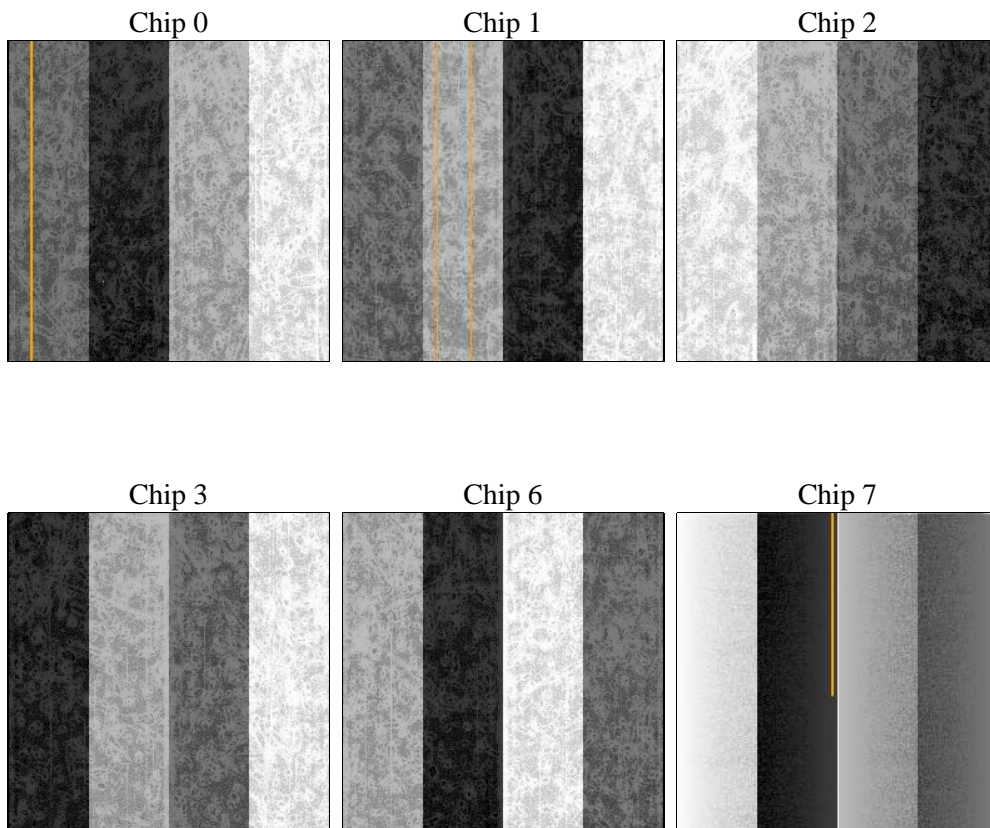
2 OBI

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	8.4.4	Processing system revision	ontime	8188.7999695539	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8188.7999695539	Sum of GTIs [s]
date	2012-05-15T06:04:50	Date and time of file creation	ontime1	8188.7999695539	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8188.7999695539	Sum of GTIs [s]
			ontime3	8188.7999695539	Sum of GTIs [s]
			ontime6	8188.7999695539	Sum of GTIs [s]
			ontime7	8188.7999695539	Sum of GTIs [s]
			l1events	1053740	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	167793	168283	172011	171493	174678	199482	grade 0 events	52765	52828	54154	54422	54092	26637
rejected events	70363	70180	73936	73124	73020	67420		31%	31%	31%	31%	30%	13%
rejected %	41%	41%	42%	42%	41%	33%	grade 1 events	339	313	451	461	333	155
								0%	0%	0%	0%	0%	0%
							grade 2 events	17692	18240	16978	17157	18041	28854
								10%	10%	9%	10%	10%	14%
							grade 3 events	6661	6501	6818	6629	6638	12509
								3%	3%	3%	3%	3%	6%
							grade 4 events	6561	6522	6706	6707	6702	12720
								3%	3%	3%	3%	3%	6%
							grade 5 events	3928	4136	3777	4222	4195	10823
								2%	2%	2%	2%	2%	5%
							grade 6 events	14772	14994	14433	14495	17177	52682
								8%	8%	8%	8%	9%	26%
							grade 7 events	65075	64749	68694	67400	67500	55102
								38%	38%	39%	39%	38%	27%

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	234.0367257499047
[deg] Pointing Dec	0	-44.98261576781714
[deg] Pointing Roll	0.0	352.5473373360637
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	327657915.2047	327657914.1797
Observation start date	2008-05-20T08:05:15	2008-05-20T08:05:14
[s] Observation end time (MET)	327671068.005341	327671066.98034
Observation end date	2008-05-20T11:44:28	2008-05-20T11:44:26
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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1887999695539

A.2 Comments