

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54981 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 28 2012

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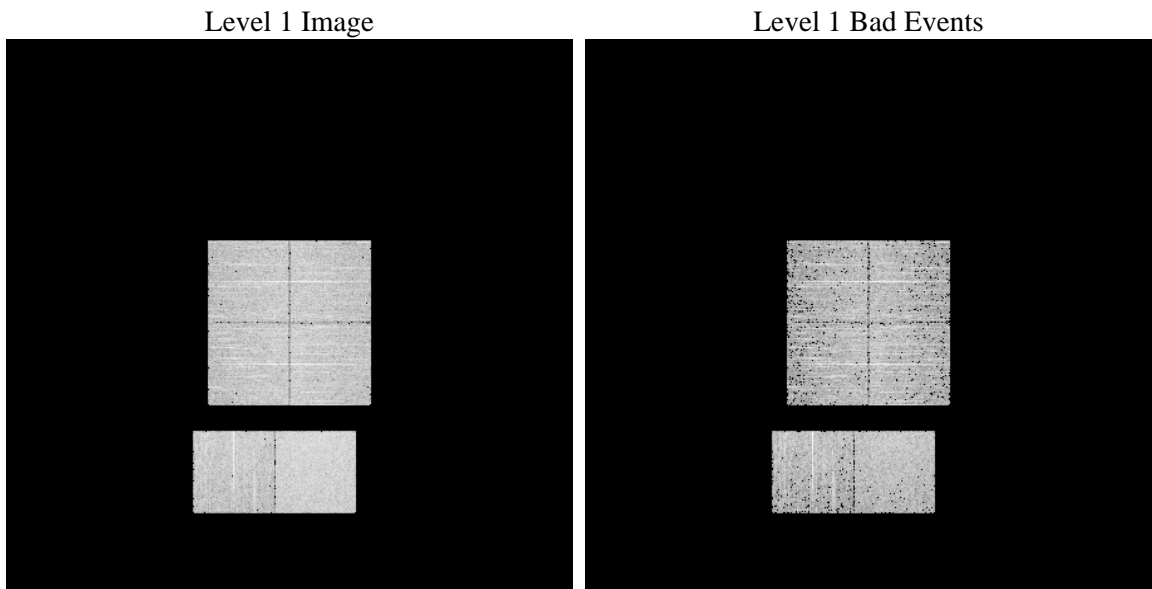
1 Front

seq_num	 	Sequence number
obs_id	54981	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	213.7385872399	Nominal RA [deg]
dec_nom	-0.34494943086183	Nominal Dec [deg]
roll_nom	61.023826473923	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2994.9153758287	Sum of GTIs [s]
livetime	2956.9919540185	Livetime [s]
ontime0	2994.8743358254	Sum of GTIs [s]
ontime1	2994.8332958221	Sum of GTIs [s]
ontime2	2994.7922558188	Sum of GTIs [s]
ontime3	2994.956415832	Sum of GTIs [s]
ontime6	2994.7512158155	Sum of GTIs [s]
ontime7	2994.9153758287	Sum of GTIs [s]
l2events	103514	Number of level 2 events

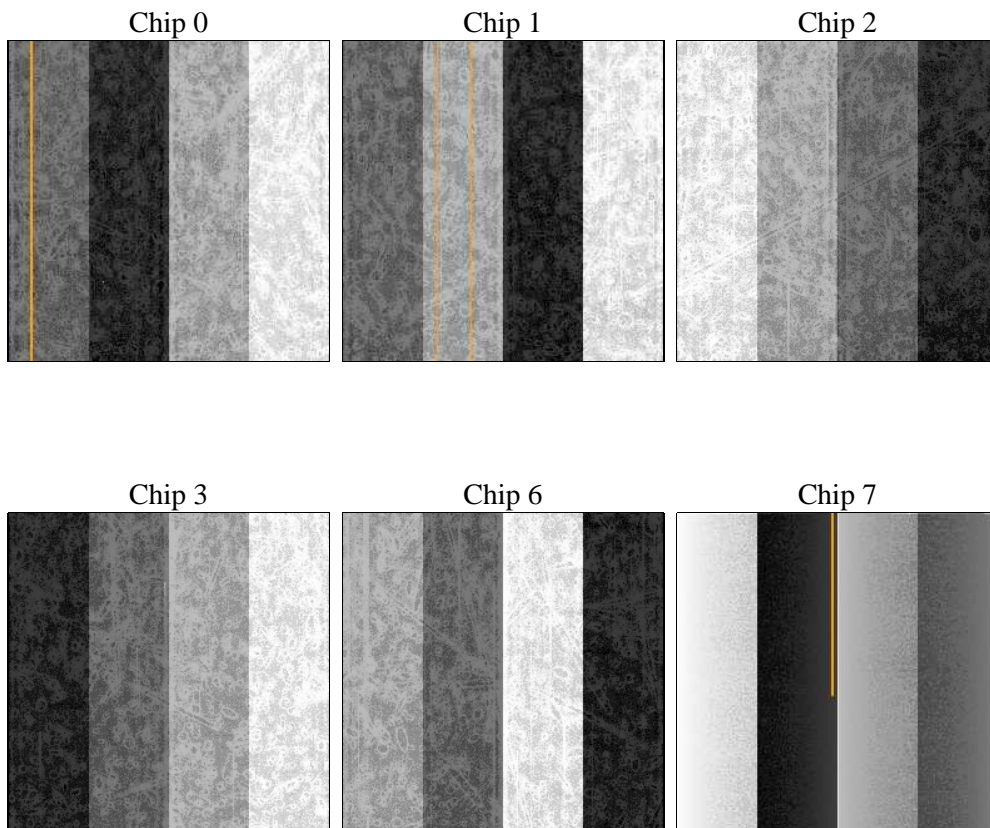
2 OBI

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	8.4.3	Processing system revision	ontime	2994.9153758287	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	2994.8743358254	Sum of GTIs [s]
date	2012-02-28T19:34:35	Date and time of file creation	ontime1	2994.8332958221	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2994.7922558188	Sum of GTIs [s]
			ontime3	2994.956415832	Sum of GTIs [s]
			ontime6	2994.7512158155	Sum of GTIs [s]
			ontime7	2994.9153758287	Sum of GTIs [s]
			l1events	257011	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	38664	39425	40350	42629	41455	54488	grade 0 events	9260	8997	9506	9645	9369	4968
rejected events	22484	23040	23998	26216	24626	26889		23%	22%	23%	22%	22%	9%
rejected %	58%	58%	59%	61%	59%	49%	grade 1 events	62	63	70	67	64	46
								0%	0%	0%	0%	0%	0%
							grade 2 events	3285	3608	3240	3198	3402	6637
								8%	9%	8%	7%	8%	12%
							grade 3 events	1168	1221	1282	1248	1247	2655
								3%	3%	3%	2%	3%	4%
							grade 4 events	1247	1203	1225	1280	1217	2637
								3%	3%	3%	3%	2%	4%
							grade 5 events	1423	1493	1302	1552	1507	3811
								3%	3%	3%	3%	3%	6%
							grade 6 events	2782	2945	2661	2670	3213	13433
								7%	7%	6%	6%	7%	24%
							grade 7 events	19437	19895	21064	22969	21436	20301
								50%	50%	52%	53%	51%	37%

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	213.7385872399047
[deg] Pointing Dec	0	-0.3449494308618336
[deg] Pointing Roll	0.0	61.02382647392327
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	440490934.353615	440490934.353615
Observation start date	2011-12-17T06:35:34	2011-12-17T06:35:34
[s] Observation end time (MET)	440495995.433332	440495995.433332
Observation end date	2011-12-17T07:59:55	2011-12-17T07:59:55
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9949153758287

A.2 Comments