

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55429 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

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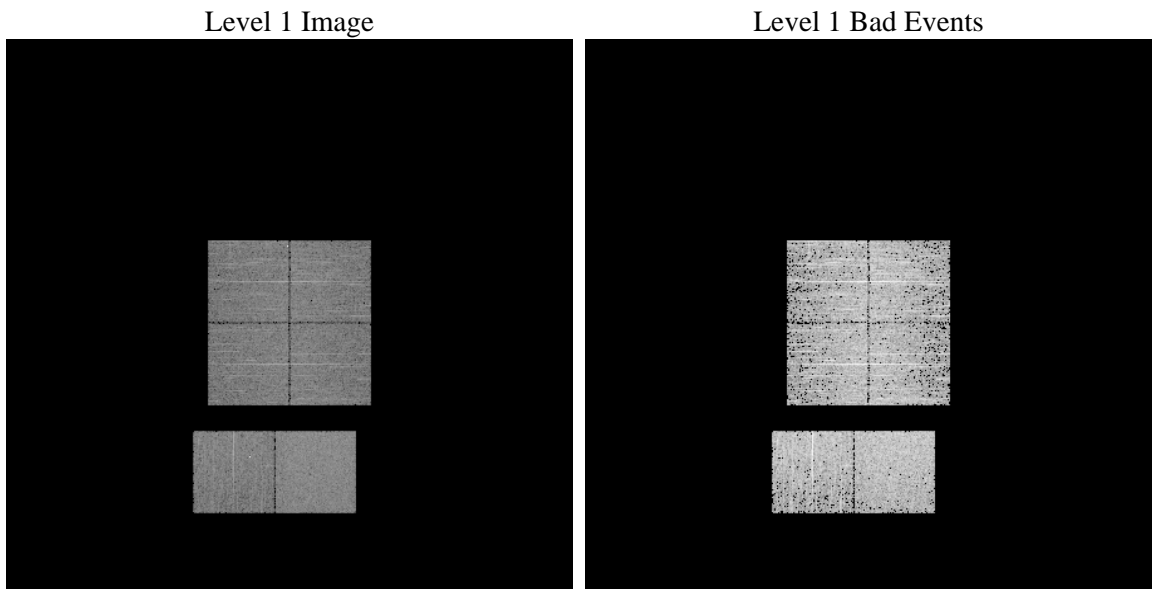
1 Front

seq_num	 	Sequence number
obs_id	55429	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	251.97126597174	Nominal RA [deg]
dec_nom	2.0035498938557	Nominal Dec [deg]
roll_nom	139.92223664779	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3289.4733581543	Sum of GTIs [s]
livetime	3247.8200658103	Livetime [s]
ontime0	3286.191267848	Sum of GTIs [s]
ontime1	3289.3912781477	Sum of GTIs [s]
ontime2	3289.3502381444	Sum of GTIs [s]
ontime3	3289.5143981576	Sum of GTIs [s]
ontime6	3289.3091981411	Sum of GTIs [s]
ontime7	3289.4733581543	Sum of GTIs [s]
l2events	124641	Number of level 2 events

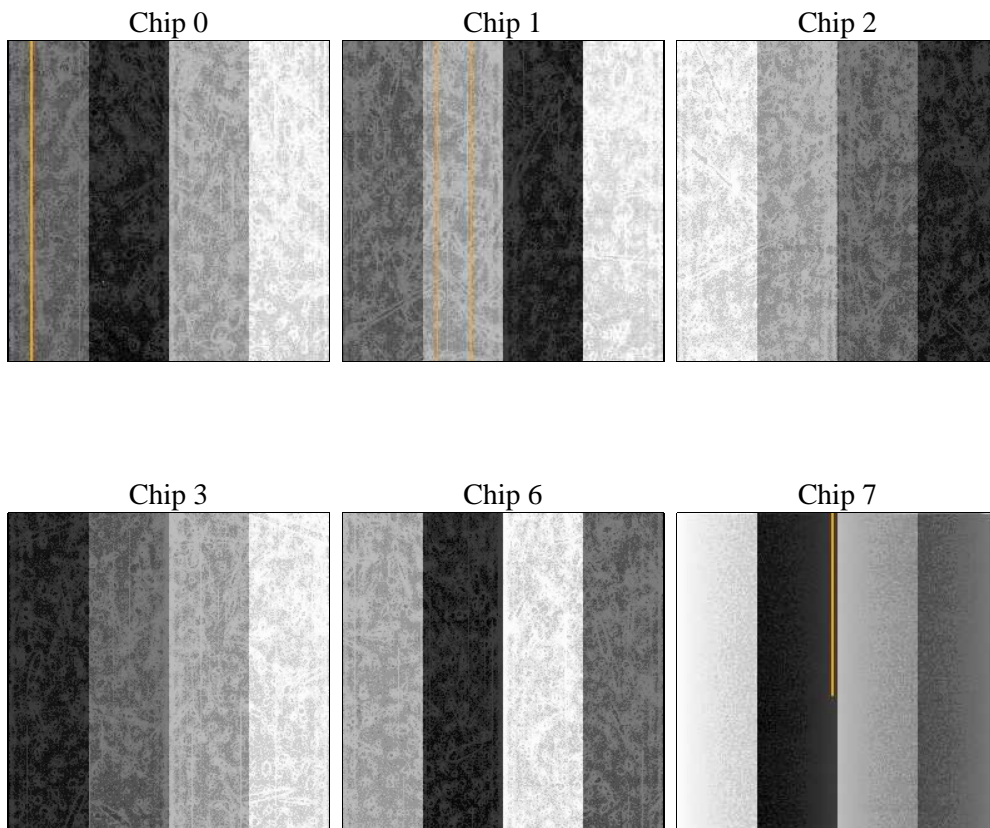
2 OBI

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	3289.4733581543	Sum of GTIs [s]
caldbver	4.4.7	 	ontime0	3286.191267848	Sum of GTIs [s]
date	2012-02-10T07:58:10	Date and time of file creation	ontime1	3289.3912781477	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3289.3502381444	Sum of GTIs [s]
			ontime3	3289.5143981576	Sum of GTIs [s]
			ontime6	3289.3091981411	Sum of GTIs [s]
			ontime7	3289.4733581543	Sum of GTIs [s]
			l1events	265591	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	41743	42121	40914	41028	44063	55722	grade 0 events	11577	10305	10603	10659	11415	5473
rejected events	20857	22157	21259	21186	22493	23926		27%	24%	25%	25%	25%	9%
rejected %	49%	52%	51%	51%	51%	42%	grade 1 events	75	49	82	78	68	53
								0%	0%	0%	0%	0%	0%
							grade 2 events	3597	3802	3347	3502	3844	6805
								8%	9%	8%	8%	8%	12%
							grade 3 events	1401	1321	1338	1327	1408	2863
								3%	3%	3%	3%	3%	5%
							grade 4 events	1317	1269	1393	1405	1349	2857
								3%	3%	3%	3%	3%	5%
							grade 5 events	1389	1418	1325	1462	1437	3787
								3%	3%	3%	3%	3%	6%
							grade 6 events	2994	3267	2974	2949	3554	13798
								7%	7%	7%	7%	8%	24%
							grade 7 events	19393	20690	19852	19646	20988	20086
								46%	49%	48%	47%	47%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	251.9712659717423	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	2.003549893855694	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	139.9222366477858	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	421980493.818919	421980492.79393			
Observation start date	2011-05-17T00:48:14	2011-05-17T00:48:12			
[s] Observation end time (MET)	421992949.619566	421992948.59458			
Observation end date	2011-05-17T04:15:50	2011-05-17T04:15:48			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2894733581543

A.2 Comments