

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54975 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 28 2012

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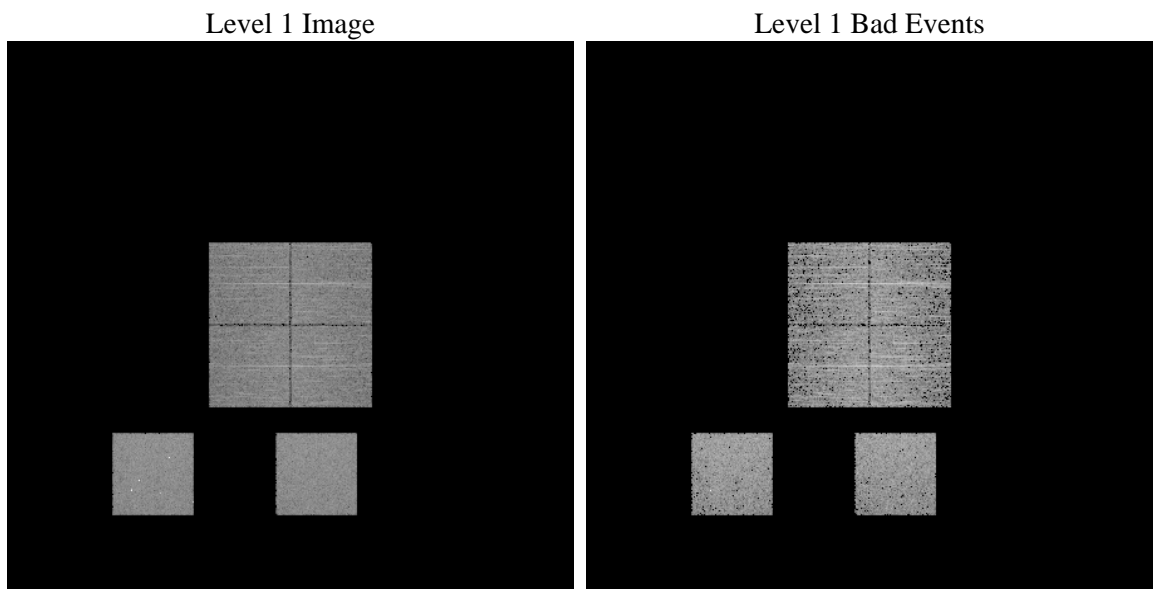
1 Front

seq_num	 	Sequence number
obs_id	54975	Observation id
title	ACIS-012357 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	66.991660109966	Nominal RA [deg]
dec_nom	40.771434711627	Nominal Dec [deg]
roll_nom	230.60538734798	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3289.3524346948	Sum of GTIs [s]
livetime	3247.7006735564	Livetime [s]
ontime0	3289.3113946915	Sum of GTIs [s]
ontime1	3289.2703546882	Sum of GTIs [s]
ontime2	3289.2293146849	Sum of GTIs [s]
ontime3	3289.3934746981	Sum of GTIs [s]
ontime5	3289.1882746816	Sum of GTIs [s]
ontime7	3289.3524346948	Sum of GTIs [s]
l2events	142659	Number of level 2 events

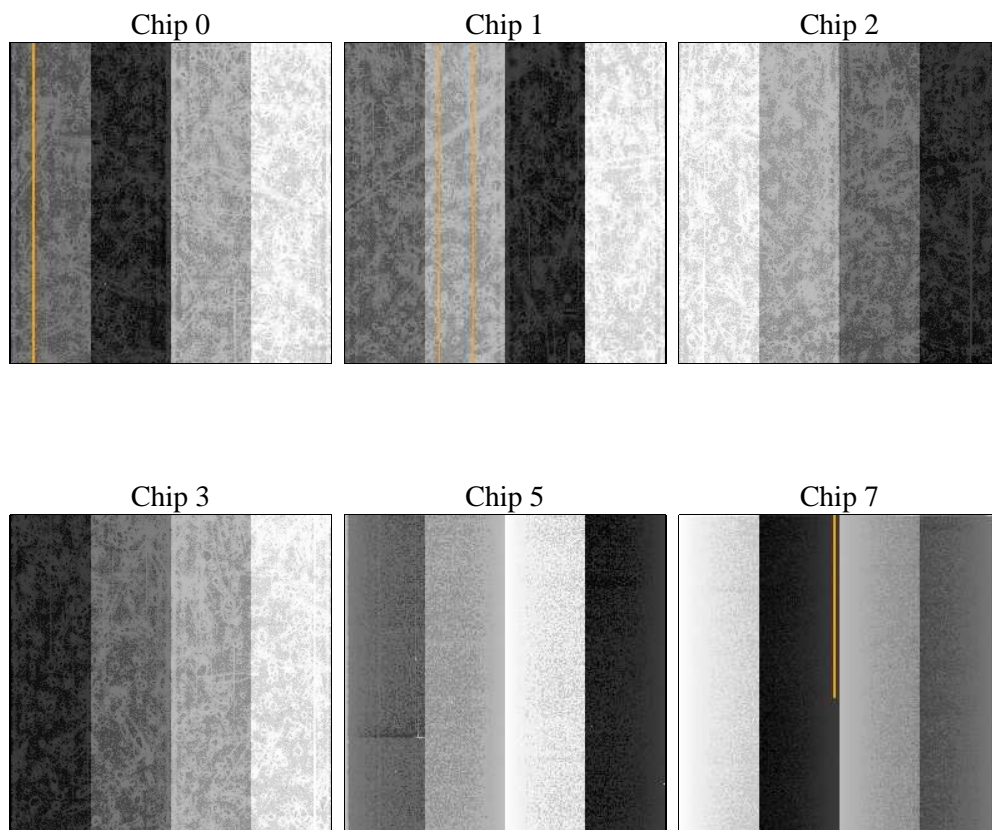
2 OBI

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	3289.3524346948	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	3289.3113946915	Sum of GTIs [s]
date	2012-02-28T20:27:19	Date and time of file creation	ontime1	3289.2703546882	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3289.2293146849	Sum of GTIs [s]
			ontime3	3289.3934746981	Sum of GTIs [s]
			ontime5	3289.1882746816	Sum of GTIs [s]
			ontime7	3289.3524346948	Sum of GTIs [s]
			l1events	289991	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	41692	43119	43076	44585	60414	57105
rejected events	21084	22219	22294	23723	24636	24172
rejected %	50%	51%	51%	53%	40%	42%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	10687	10413	11066	10831	5597	5793
	25%	24%	25%	24%	9%	10%
grade 1 events	55	63	73	67	66	55
	0%	0%	0%	0%	0%	0%
grade 2 events	3806	4141	3646	3724	12779	7205
	9%	9%	8%	8%	21%	12%
grade 3 events	1431	1427	1383	1427	1441	2911
	3%	3%	3%	3%	2%	5%
grade 4 events	1319	1356	1392	1498	1360	2945
	3%	3%	3%	3%	2%	5%
grade 5 events	1404	1413	1389	1592	3294	3766
	3%	3%	3%	3%	5%	6%
grade 6 events	3365	3563	3295	3382	14601	14079
	8%	8%	7%	7%	24%	24%
grade 7 events	19625	20743	20832	22064	21276	20351
	47%	48%	48%	49%	35%	35%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	66.99166010996646	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	40.77143471162674	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	230.6053873479802	[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)	440717531.115574	440717530.09058			
Observation start date	2011-12-19T21:32:11	2011-12-19T21:32:10			
[s] Observation end time (MET)	440733037.316392	440733036.2914			
Observation end date	2011-12-20T01:50:37	2011-12-20T01:50:36			
Read mode	TIMED	TIMED			

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	3.2893524346948

A.2 Comments