

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56086 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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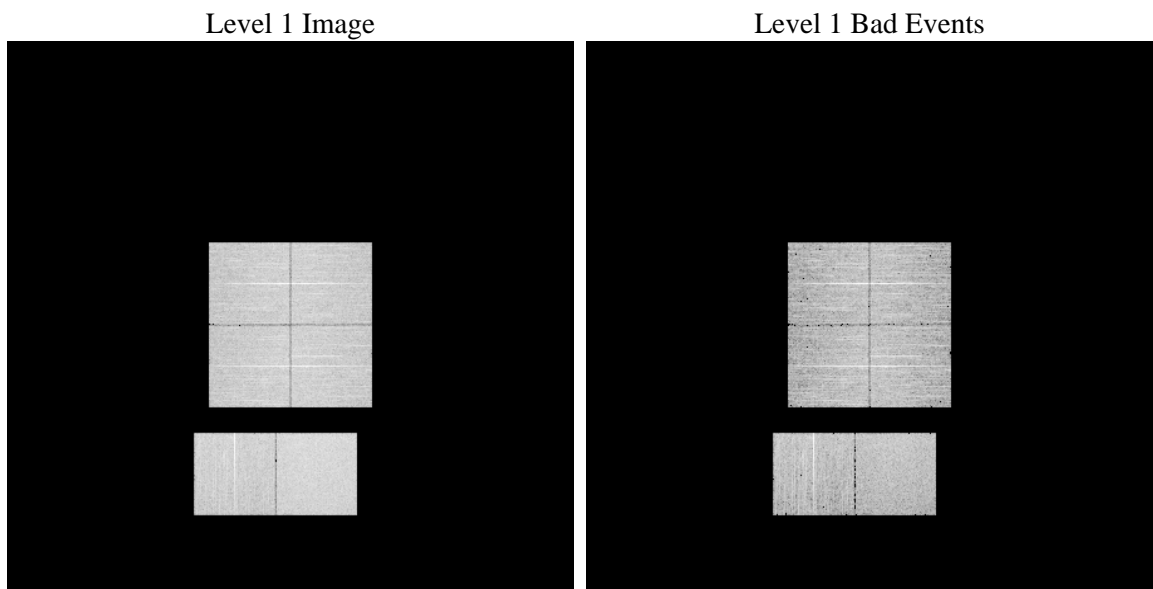
1 Front

seq_num	 	Sequence number
obs_id	56086	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	332.01049006944	Nominal RA [deg]
dec_nom	-36.967063908782	Nominal Dec [deg]
roll_nom	36.574118835965	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6630.03390944	Sum of GTIs [s]
livetime	6546.0804279516	Livetime [s]
ontime0	6629.9928694367	Sum of GTIs [s]
ontime1	6629.9518294334	Sum of GTIs [s]
ontime2	6629.9107894301	Sum of GTIs [s]
ontime3	6630.0749494433	Sum of GTIs [s]
ontime6	6629.8697494268	Sum of GTIs [s]
ontime7	6630.03390944	Sum of GTIs [s]
l2events	297356	Number of level 2 events

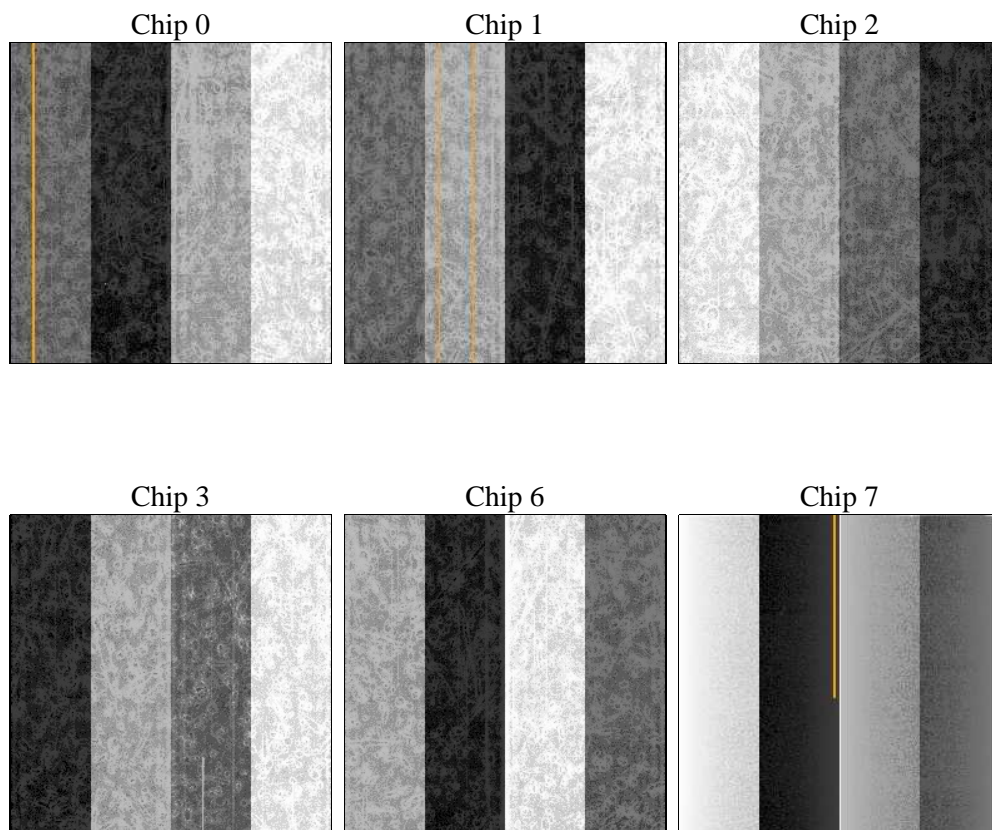
2 OBI

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	8.4.5	Processing system revision	ontime	6630.03390944	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	6629.9928694367	Sum of GTIs [s]
date	2012-07-01T05:18:26	Date and time of file creation	ontime1	6629.9518294334	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6629.9107894301	Sum of GTIs [s]
			ontime3	6630.0749494433	Sum of GTIs [s]
			ontime6	6629.8697494268	Sum of GTIs [s]
			ontime7	6630.03390944	Sum of GTIs [s]
			l1events	629910	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	97661	98717	99021	102140	105823	126548	grade 0 events	25352	25148	25854	26281	25905	13176
rejected events	50192	50631	51498	54075	56271	52726		25%	25%	26%	25%	24%	10%
rejected %	51%	51%	52%	52%	53%	41%	grade 1 events	195	131	189	202	164	83
								0%	0%	0%	0%	0%	0%
							grade 2 events	8906	9340	8318	8565	9150	16391
								9%	9%	8%	8%	8%	12%
							grade 3 events	3192	3286	3420	3398	3269	6783
								3%	3%	3%	3%	3%	5%
							grade 4 events	3253	3287	3336	3403	3259	6648
								3%	3%	3%	3%	3%	5%
							grade 5 events	2985	3111	2984	3350	3191	8155
								3%	3%	3%	3%	3%	6%
							grade 6 events	7372	7661	7228	7091	8641	31870
								7%	7%	7%	6%	8%	25%
							grade 7 events	46406	46753	47692	49850	52244	43442
								47%	47%	48%	48%	49%	34%

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	332.0104900694421	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-36.96706390878168	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	36.57411883596481	[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)	397561464.508776	397561463.48377			
Observation start date	2010-08-07T09:44:25	2010-08-07T09:44:23			
[s] Observation end time (MET)	397572876.85936	397572875.83435			
Observation end date	2010-08-07T12:54:37	2010-08-07T12:54:35			
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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.63003390944

A.2 Comments