

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56756 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 15 2012

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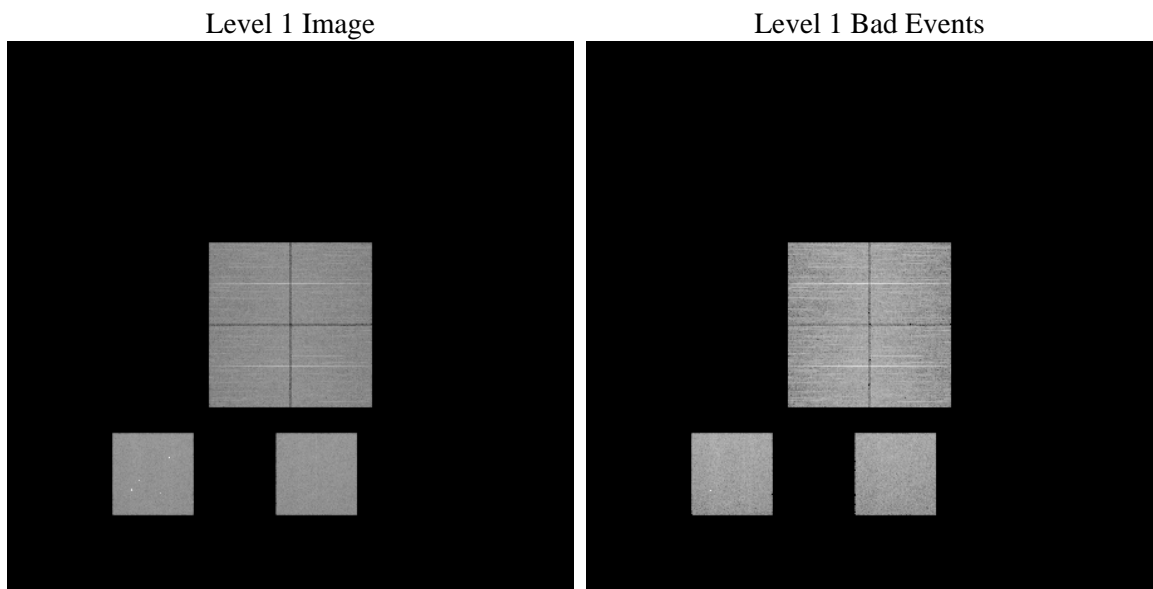
1 Front

seq_num	 	Sequence number
obs_id	56756	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	18.017069024095	Nominal RA [deg]
dec_nom	-16.985796673201	Nominal Dec [deg]
roll_nom	1.5844837432457	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8277.3963618875	Sum of GTIs [s]
livetime	8172.5829851035	Livetime [s]
ontime0	8277.3553218842	Sum of GTIs [s]
ontime1	8277.3142818809	Sum of GTIs [s]
ontime2	8277.2732418776	Sum of GTIs [s]
ontime3	8277.4374018908	Sum of GTIs [s]
ontime5	8277.2322018743	Sum of GTIs [s]
ontime7	8277.3963618875	Sum of GTIs [s]
l2events	492433	Number of level 2 events

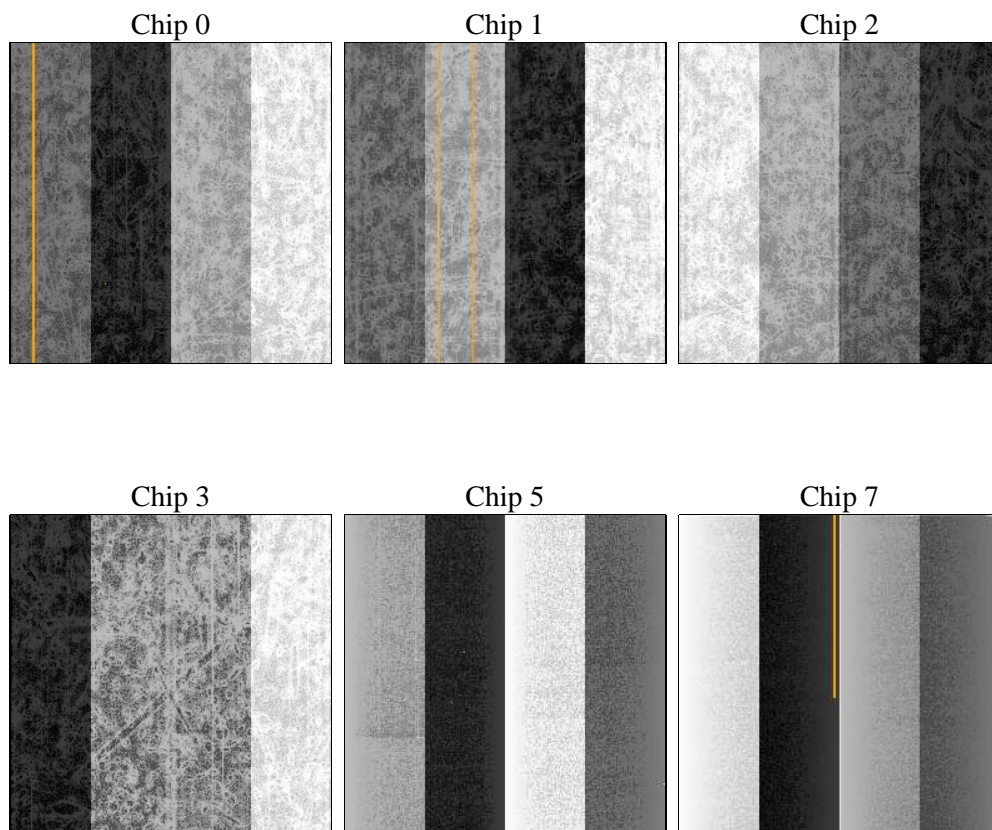
2 OBI

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	8277.3963618875	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8277.3553218842	Sum of GTIs [s]
date	2012-06-15T14:14:47	Date and time of file creation	ontime1	8277.3142818809	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8277.2732418776	Sum of GTIs [s]
			ontime3	8277.4374018908	Sum of GTIs [s]
			ontime5	8277.2322018743	Sum of GTIs [s]
			ontime7	8277.3963618875	Sum of GTIs [s]
			l1events	969116	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	147214	145532	151010	152103	189798	183459	grade 0 events	38673	38203	39391	40065	18172	20241
rejected events	74330	72158	78344	78179	74399	70989		26%	26%	26%	26%	9%	11%
rejected %	50%	49%	51%	51%	39%	38%	grade 1 events	299	252	328	305	240	172
								0%	0%	0%	0%	0%	0%
							grade 2 events	13339	13774	12634	13089	40563	24405
								9%	9%	8%	8%	21%	13%
							grade 3 events	5003	4890	5119	4990	5068	10504
								3%	3%	3%	3%	2%	5%
							grade 4 events	4880	5056	5031	5117	4932	10267
								3%	3%	3%	3%	2%	5%
							grade 5 events	4158	4278	3938	4693	9977	11440
								2%	2%	2%	3%	5%	6%
							grade 6 events	10989	11451	10491	10663	46664	47053
								7%	7%	6%	7%	24%	25%
							grade 7 events	69873	67628	74078	73181	64182	59377
								47%	46%	49%	48%	33%	32%

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	18.01706902409541	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-16.98579667320126	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	1.584483743245708	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	371708214.147029	371708213.12203			
Observation start date	2009-10-12T04:16:54	2009-10-12T04:16:53			
[s] Observation end time (MET)	371731793.248215	371731792.22321			
Observation end date	2009-10-12T10:49:53	2009-10-12T10:49:52			
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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2773963618875

A.2 Comments