

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55381 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

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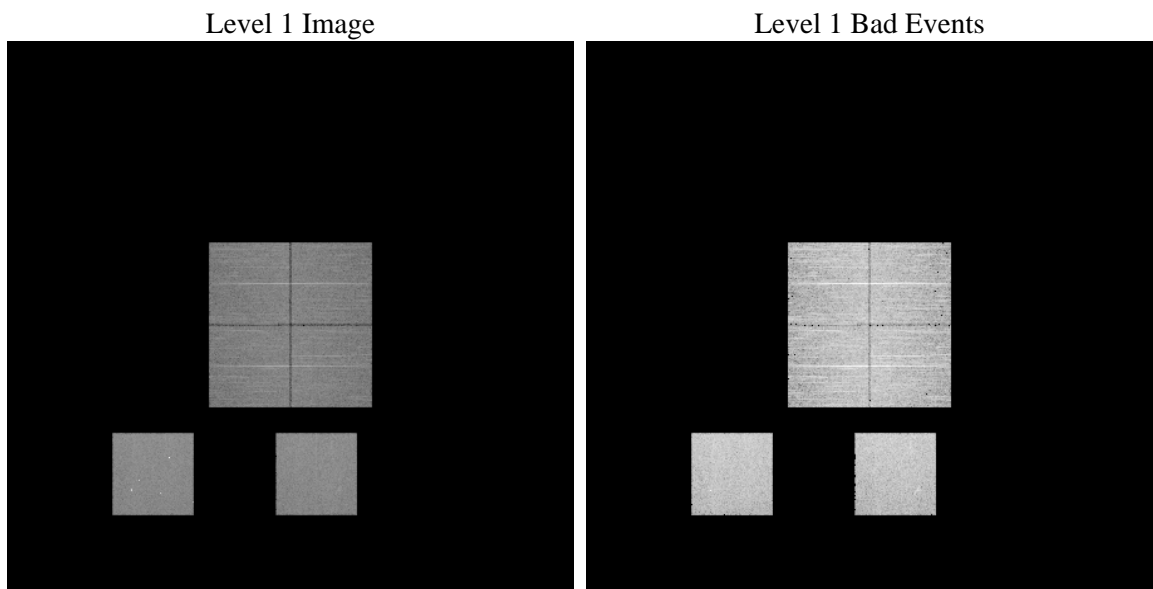
1 Front

seq_num	 	Sequence number
obs_id	55381	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	276.0015410277	Nominal RA [deg]
dec_nom	-40.971306756724	Nominal Dec [deg]
roll_nom	54.782364914337	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8287.9999691844	Sum of GTIs [s]
livetime	8183.0523231401	Livetime [s]
ontime0	8287.9999691844	Sum of GTIs [s]
ontime1	8287.9999691844	Sum of GTIs [s]
ontime2	8287.9999691844	Sum of GTIs [s]
ontime3	8287.9999691844	Sum of GTIs [s]
ontime5	8287.9999691844	Sum of GTIs [s]
ontime7	8287.9999691844	Sum of GTIs [s]
l2events	344401	Number of level 2 events

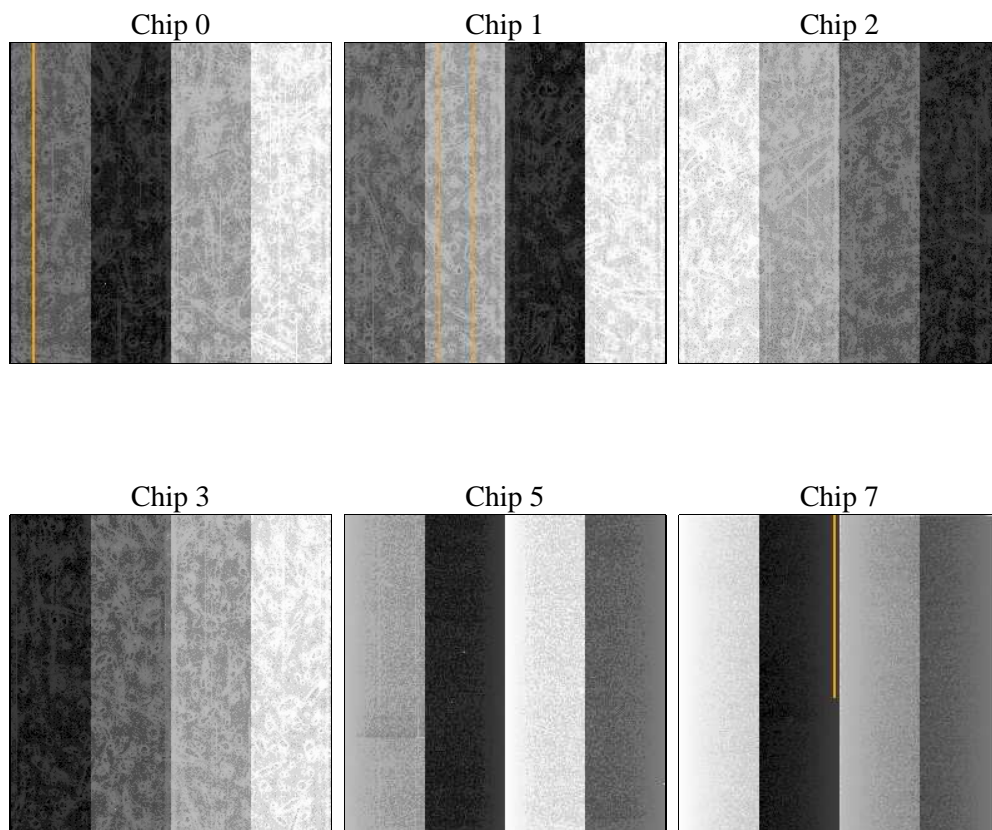
2 OBI

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	8287.9999691844	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8287.9999691844	Sum of GTIs [s]
date	2012-02-11T18:30:16	Date and time of file creation	ontime1	8287.9999691844	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8287.9999691844	Sum of GTIs [s]
			ontime3	8287.9999691844	Sum of GTIs [s]
			ontime5	8287.9999691844	Sum of GTIs [s]
			ontime7	8287.9999691844	Sum of GTIs [s]
			l1events	704691	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	104274	101501	105325	106584	145916	141091	grade 0 events	26330	25456	26622	26640	12637	13827
rejected events	54503	51783	55734	56699	60706	60199		25%	25%	25%	24%	8%	9%
rejected %	52%	51%	52%	53%	41%	42%	grade 1 events	147	151	172	197	161	129
								0%	0%	0%	0%	0%	0%
							grade 2 events	9187	9647	8844	8959	29795	17554
								8%	9%	8%	8%	20%	12%
							grade 3 events	3365	3285	3486	3436	3545	7325
								3%	3%	3%	3%	2%	5%
							grade 4 events	3229	3370	3415	3510	3429	7140
								3%	3%	3%	3%	2%	5%
							grade 5 events	3457	3591	3235	3692	7730	9581
								3%	3%	3%	3%	5%	6%
							grade 6 events	7673	7977	7246	7360	35832	35064
								7%	7%	6%	6%	24%	24%
							grade 7 events	50886	48024	52305	52790	52787	50471
								48%	47%	49%	49%	36%	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	276.0015410276959	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-40.97130675672427	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	54.78236491433722	[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)	423574973.651775	423574972.62677			
Observation start date	2011-06-04T11:42:54	2011-06-04T11:42:52			
[s] Observation end time (MET)	423594038.652767	423594037.62776			
Observation end date	2011-06-04T17:00:39	2011-06-04T17:00:37			
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)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2879999691844

A.2 Comments