

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51750 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 16 2015

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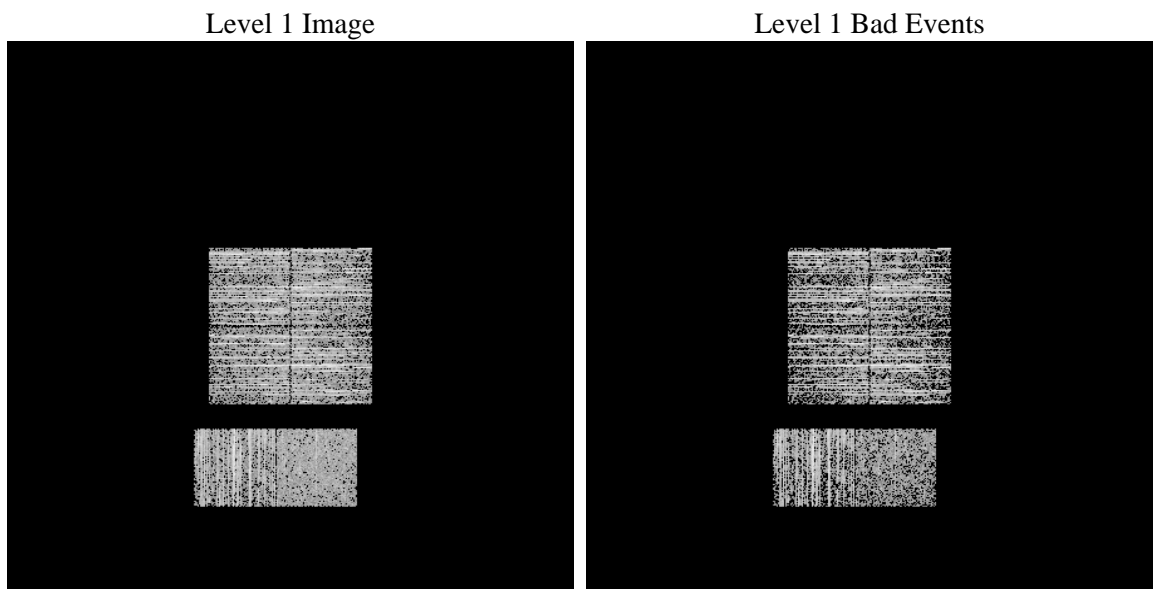
1 Front

seq_num	 	Sequence number
obs_id	51750	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	271.20211327252	Nominal RA [deg]
dec_nom	-10.728746673582	Nominal Dec [deg]
roll_nom	241.27782236421	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1084.8000161648	Sum of GTIs [s]
livetime	1071.063625172	Livetime [s]
ontime0	1084.8000161648	Sum of GTIs [s]
ontime1	1084.8000161648	Sum of GTIs [s]
ontime2	1084.8000161648	Sum of GTIs [s]
ontime3	1084.8000161648	Sum of GTIs [s]
ontime6	1084.8000161648	Sum of GTIs [s]
ontime7	1084.8000161648	Sum of GTIs [s]
l2events	19007	Number of level 2 events

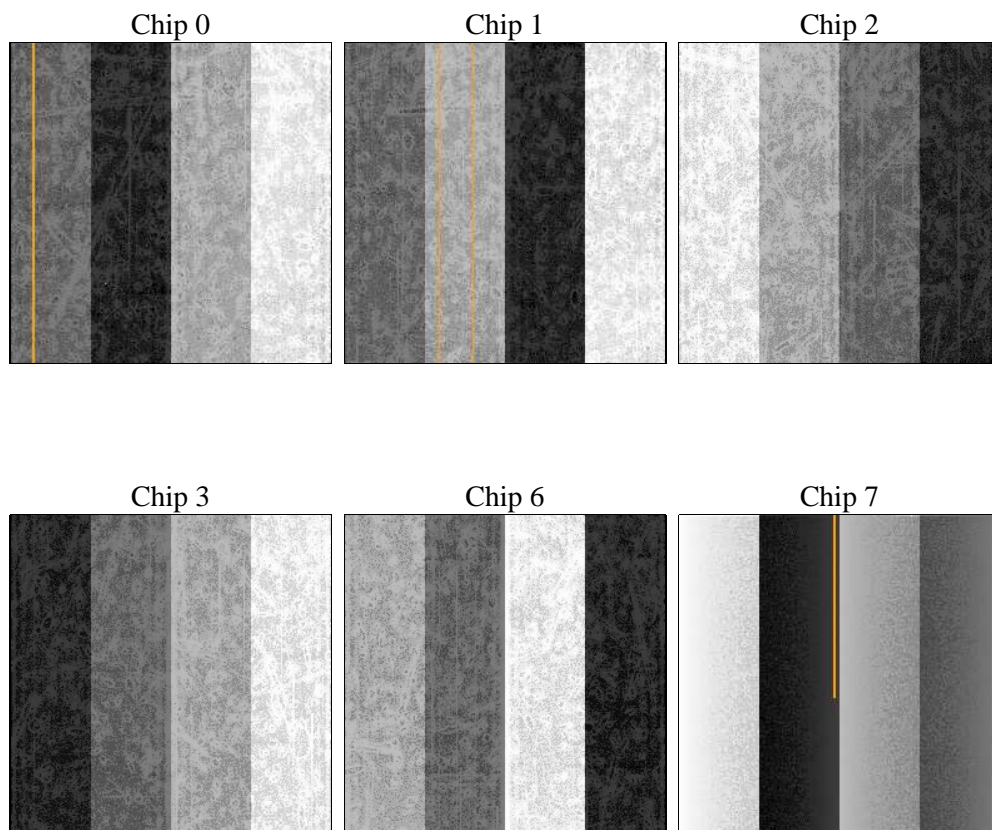
2 OBI

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	10.4.1	Processing system revision	ontime	1084.8000161648	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	1084.8000161648	Sum of GTIs [s]
date	2015-07-16T15:09:10	Date and time of file creation	ontime1	1084.8000161648	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	1084.8000161648	Sum of GTIs [s]
			ontime3	1084.8000161648	Sum of GTIs [s]
			ontime6	1084.8000161648	Sum of GTIs [s]
			ontime7	1084.8000161648	Sum of GTIs [s]
			l1events	110510	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	20714	18543	17418	18997	19930	14908
rejected events	17881	15646	14640	16197	17077	8839
rejected %	86%	84%	84%	85%	85%	59%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1356	1285	1383	1370	1291	697
	6%	6%	7%	7%	6%	4%
grade 1 events	2	9	6	10	6	10
	0%	0%	0%	0%	0%	0%
grade 2 events	603	730	572	618	648	1572
	2%	3%	3%	3%	3%	10%
grade 3 events	192	198	191	200	169	408
	0%	1%	1%	1%	0%	2%
grade 4 events	189	168	199	176	188	449
	0%	0%	1%	0%	0%	3%
grade 5 events	351	330	320	410	312	918
	1%	1%	1%	2%	1%	6%
grade 6 events	493	516	433	436	557	2943
	2%	2%	2%	2%	2%	19%
grade 7 events	17528	15307	14314	15777	16759	7911
	84%	82%	82%	83%	84%	53%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	271.2021132725204
[deg] Pointing Dec	0	-10.72874667358187
[deg] Pointing Roll	0.0	241.277822364214
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	553363549.9864759	553363548.96148
Observation start date	2015-07-15T16:05:50	2015-07-15T16:05:48
[s] Observation end time (MET)	553367660.236708	553367659.21171
Observation end date	2015-07-15T17:14:20	2015-07-15T17:14:19
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.0848000161648

A.2 Comments