

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51822 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 20 2015

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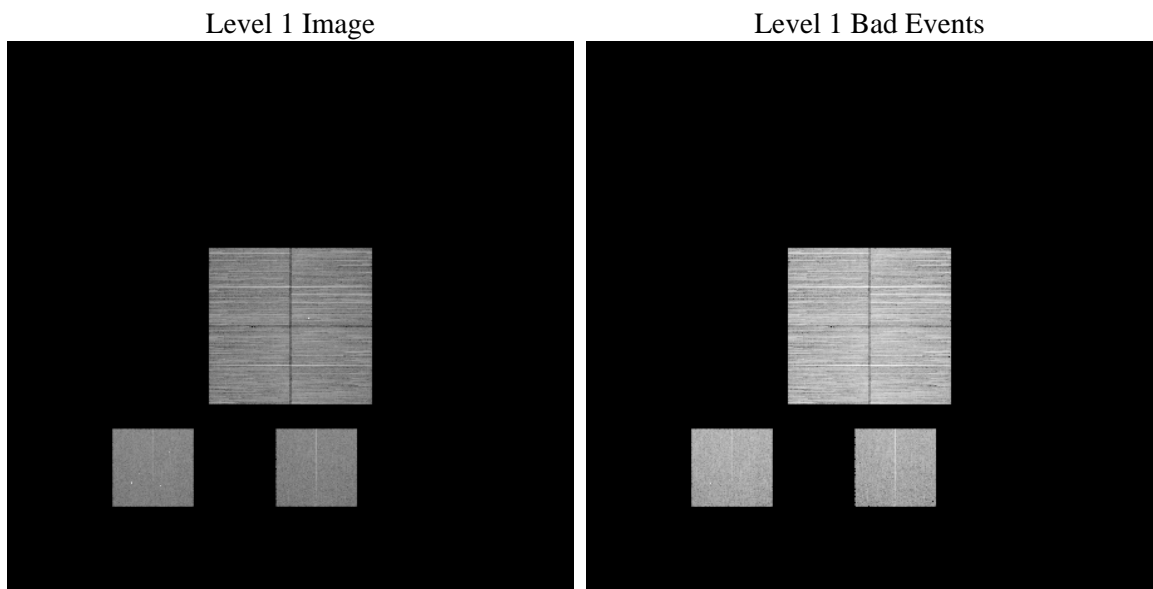
1 Front

seq_num	 	Sequence number
obs_id	51822	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	285.70989581376	Nominal RA [deg]
dec_nom	-42.572575772496	Nominal Dec [deg]
roll_nom	43.59765507715	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8352.0001244545	Sum of GTIs [s]
livetime	8246.2420699079	Livetime [s]
ontime0	8352.0001244545	Sum of GTIs [s]
ontime1	8352.0001244545	Sum of GTIs [s]
ontime2	8352.0001244545	Sum of GTIs [s]
ontime3	8348.7590539455	Sum of GTIs [s]
ontime5	8352.0001244545	Sum of GTIs [s]
ontime7	8352.0001244545	Sum of GTIs [s]
l2events	180907	Number of level 2 events

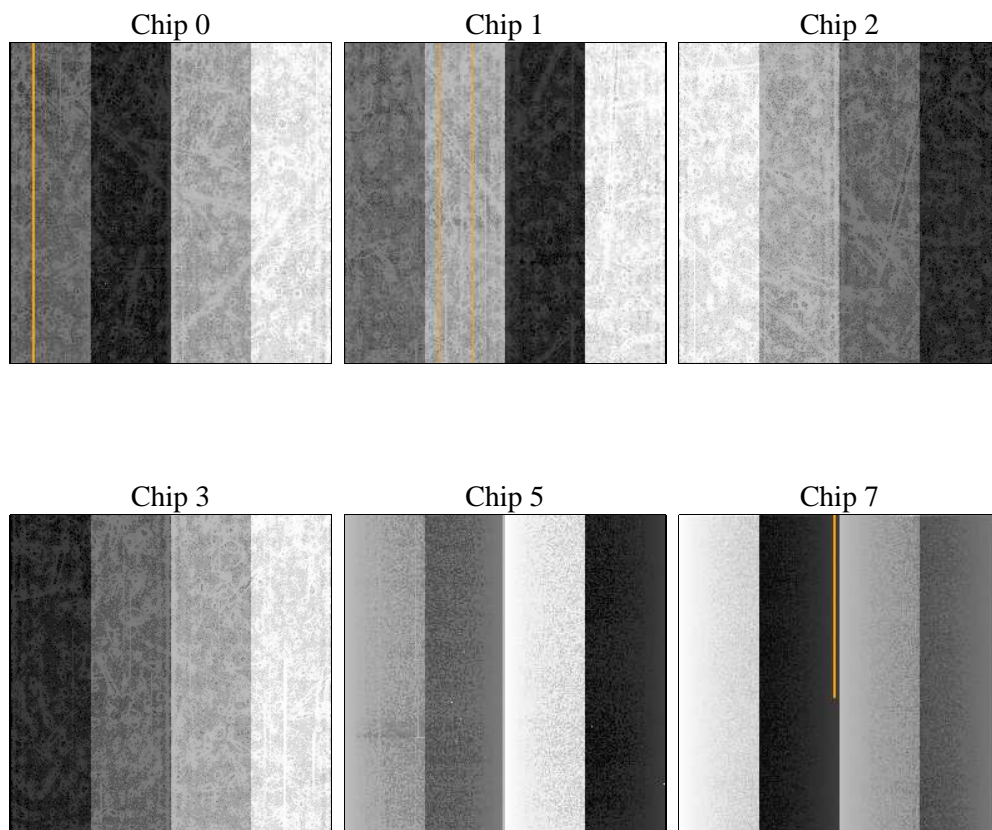
2 OBI

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	Processing system revision	ontime	8352.0001244545	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8352.0001244545	Sum of GTIs [s]
date	2015-06-20T06:52:02	Date and time of file creation	ontime1	8352.0001244545	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8352.0001244545	Sum of GTIs [s]
			ontime3	8348.7590539455	Sum of GTIs [s]
			ontime5	8352.0001244545	Sum of GTIs [s]
			ontime7	8352.0001244545	Sum of GTIs [s]
			l1events	872957	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	150893	157565	152976	160663	129044	121816	grade 0 events	10923	12779	11241	11265	4661	5838
rejected events	128606	132819	130928	138353	75097	73147		7%	8%	7%	7%	3%	4%
rejected %	85%	84%	85%	86%	58%	60%	grade 1 events	71	65	65	61	122	103
								0%	0%	0%	0%	0%	0%
							grade 2 events	4806	5185	4511	4556	20024	12180
								3%	3%	2%	2%	15%	9%
							grade 3 events	1598	1437	1596	1587	1615	3648
								1%	0%	1%	0%	1%	2%
							grade 4 events	1539	1579	1514	1634	1589	3655
								1%	1%	0%	1%	1%	3%
							grade 5 events	2992	2863	2782	3301	5920	7545
								1%	1%	1%	2%	4%	6%
							grade 6 events	3688	4093	3455	3548	26739	23975
								2%	2%	2%	2%	20%	19%
							grade 7 events	125276	129564	127812	134711	68374	64872
								83%	82%	83%	83%	52%	53%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	285.7098958137612
[deg] Pointing Dec	0	-42.57257577249622
[deg] Pointing Roll	0.0	43.59765507714997
[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)	551118943.3602231	551118942.33522
Observation start date	2015-06-19T16:35:43	2015-06-19T16:35:42
[s] Observation end time (MET)	551129990.810845	551129989.78584
Observation end date	2015-06-19T19:39:51	2015-06-19T19:39:49
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3520001244545

A.2 Comments