

V&V Reference Report

L2 ASCDS Version : 10

Observation 53611 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 25 2013

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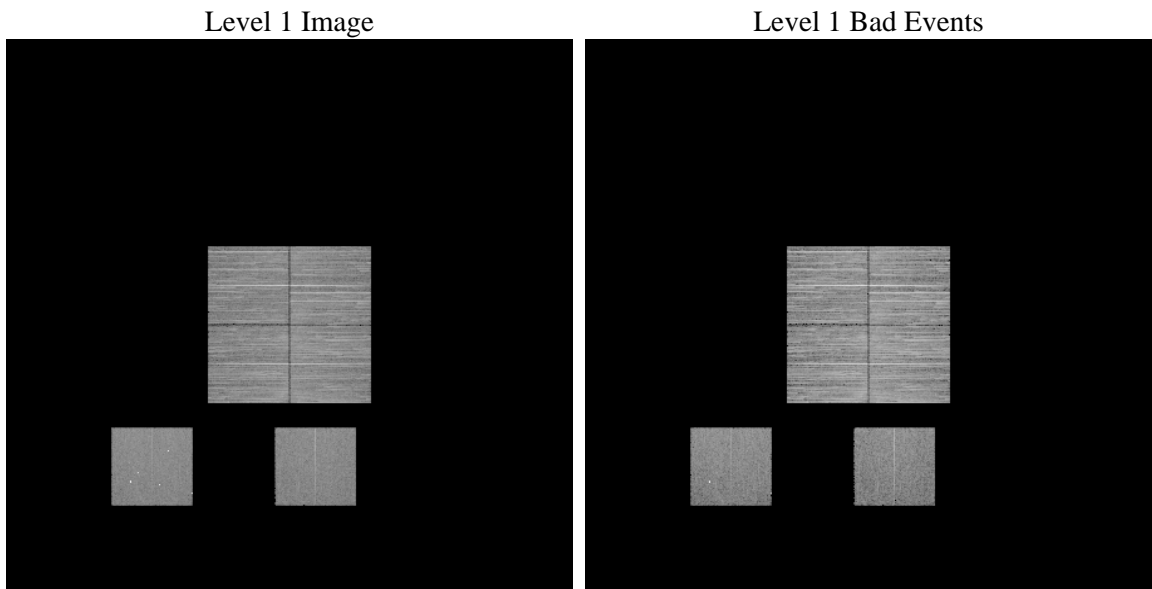
1 Front

seq_num	 	Sequence number
obs_id	53611	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	251.34203116851	Nominal RA [deg]
dec_nom	-8.7867018930416	Nominal Dec [deg]
roll_nom	225.37568594113	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8099.1999698877	Sum of GTIs [s]
livetime	7996.6430231163	Livetime [s]
ontime0	8099.1999698877	Sum of GTIs [s]
ontime1	8099.1999698877	Sum of GTIs [s]
ontime2	8099.1999698877	Sum of GTIs [s]
ontime3	8099.1999698877	Sum of GTIs [s]
ontime5	8099.1999698877	Sum of GTIs [s]
ontime7	8099.1999698877	Sum of GTIs [s]
l2events	224534	Number of level 2 events

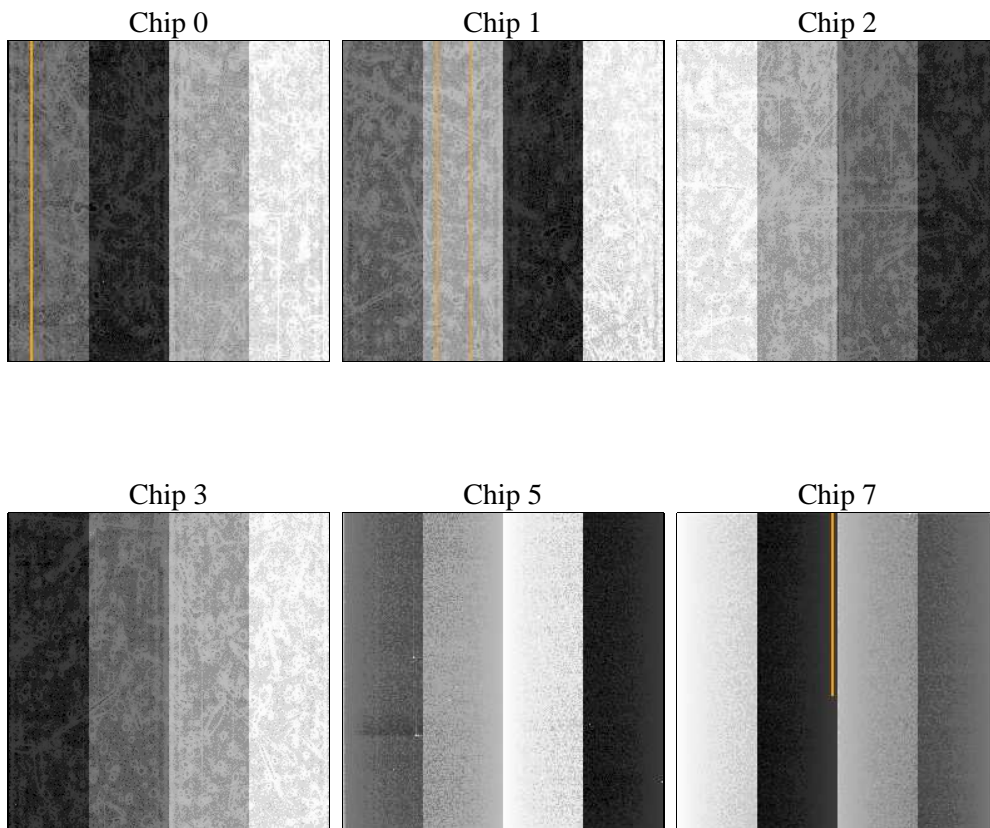
2 OBI

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	Processing system revision	ontime	8099.1999698877	Sum of GTIs [s]
caldsver	4.5.6	 	ontime0	8099.1999698877	Sum of GTIs [s]
date	2013-06-25T04:47:38	Date and time of file creation	ontime1	8099.1999698877	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8099.1999698877	Sum of GTIs [s]
			ontime3	8099.1999698877	Sum of GTIs [s]
			ontime5	8099.1999698877	Sum of GTIs [s]
			ontime7	8099.1999698877	Sum of GTIs [s]
			l1events	842879	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	140101	149186	146025	155642	132453	119472	grade 0 events	16083	15721	16522	16503	11303	8443
rejected events	109419	118267	115165	124787	69379	64137		11%	10%	11%	10%	8%	7%
rejected %	78%	79%	78%	80%	52%	53%	grade 1 events	74	63	84	109	312	95
								0%	0%	0%	0%	0%	0%
							grade 2 events	6275	6602	5970	6075	22575	13829
								4%	4%	4%	3%	17%	11%
							grade 3 events	2125	2074	2110	2166	2323	4766
								1%	1%	1%	1%	1%	3%
							grade 4 events	2081	2127	2228	2148	2223	4717
								1%	1%	1%	1%	1%	3%
							grade 5 events	2662	2761	2529	3069	6019	7158
								1%	1%	1%	1%	4%	5%
							grade 6 events	4816	5157	4776	4704	26103	24925
								3%	3%	3%	3%	19%	20%
							grade 7 events	105985	114681	111806	120868	61595	55539
								75%	76%	76%	77%	46%	46%

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	OVERRIDE	OVERRIDE
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	251.3420311685137	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-8.786701893041615	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	225.3756859411264	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	488472987.845153	488472987.845153			
Observation start date	2013-06-24T14:56:28	2013-06-24T14:56:27			
[s] Observation end time (MET)	488481387.474499	488481387.474499			
Observation end date	2013-06-24T17:16:27	2013-06-24T17:16:27			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0991999698877

A.2 Comments