

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58555 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 19 2012

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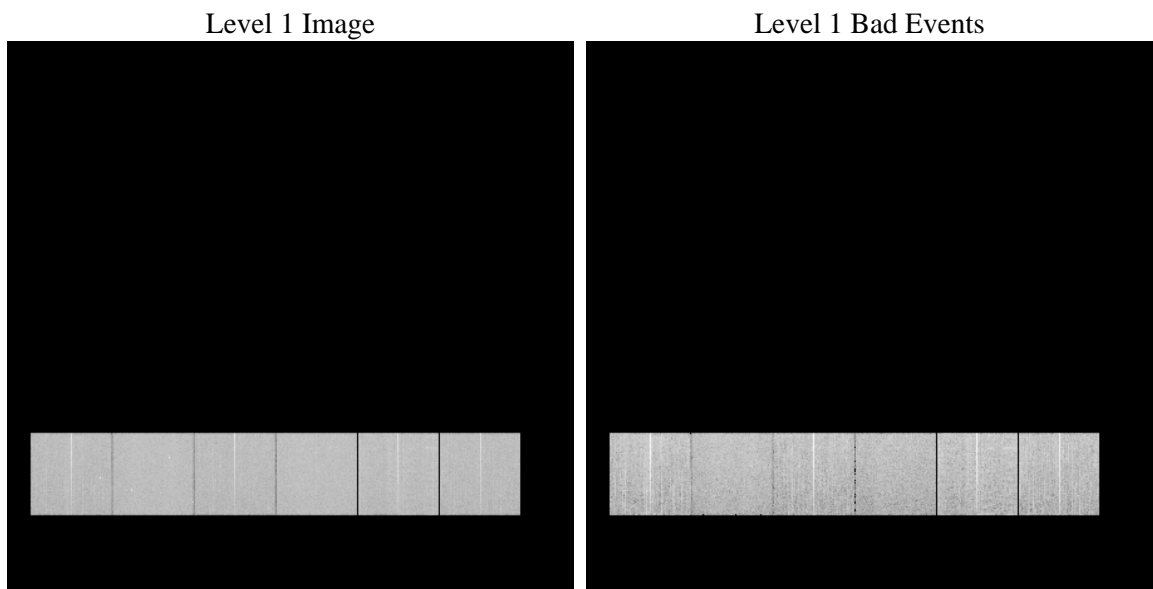
1 Front

seq_num	 	Sequence number
obs_id	58555	Observation id
title	ACIS-456789 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	110.02896472637	Nominal RA [deg]
dec_nom	-8.0015311835716	Nominal Dec [deg]
roll_nom	324.05938782425	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8274.3064524531	Sum of GTIs [s]
livetime	8169.532201963	Livetime [s]
ontime4	8274.1906415224	Sum of GTIs [s]
ontime5	8274.272721529	Sum of GTIs [s]
ontime6	8270.9906912446	Sum of GTIs [s]
ontime7	8274.3064524531	Sum of GTIs [s]
ontime8	8274.1496015191	Sum of GTIs [s]
ontime9	8274.3064524531	Sum of GTIs [s]
l2events	809451	Number of level 2 events

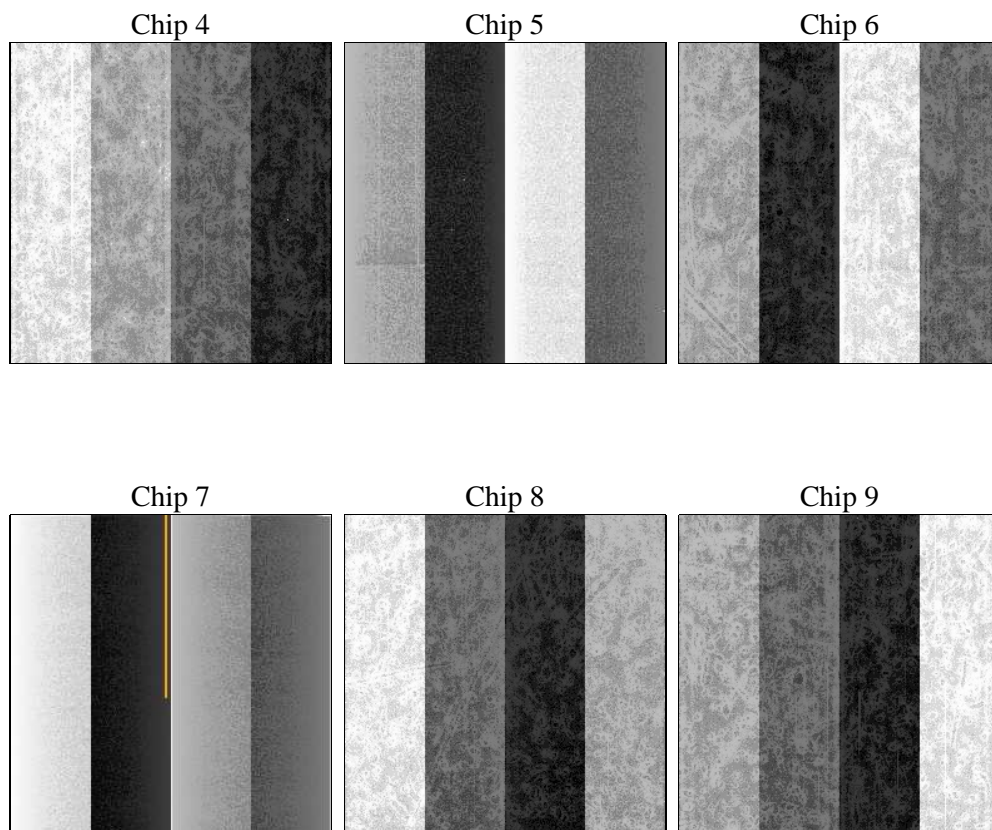
2 OBI

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	8.4.4	Processing system revision	ontime	8274.3064524531	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8274.1906415224	Sum of GTIs [s]
date	2012-04-19T04:23:26	Date and time of file creation	ontime5	8274.272721529	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8270.9906912446	Sum of GTIs [s]
			ontime7	8274.3064524531	Sum of GTIs [s]
			ontime8	8274.1496015191	Sum of GTIs [s]
			ontime9	8274.3064524531	Sum of GTIs [s]
			l1events	1314005	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	208999	224697	210484	229401	230996	209428	grade 0 events	73515	26017	73480	35482	77411	72176
rejected events	81237	70104	73312	63632	81933	76173		35%	11%	34%	15%	33%	34%
rejected %	38%	31%	34%	27%	35%	36%	grade 1 events	748	239	420	164	531	527
								0%	0%	0%	0%	0%	0%
							grade 2 events	20180	57040	24149	36139	26953	23132
								9%	25%	11%	15%	11%	11%
							grade 3 events	8767	7561	8590	15972	10145	8802
								4%	3%	4%	6%	4%	4%
							grade 4 events	8857	7567	8643	15866	10372	8724
								4%	3%	4%	6%	4%	4%
							grade 5 events	4077	9567	4379	10630	5463	4714
								1%	4%	2%	4%	2%	2%
							grade 6 events	16443	56408	22310	62310	24182	20421
								7%	25%	10%	27%	10%	9%
							grade 7 events	76412	60298	68513	52838	75939	70932
								36%	26%	32%	23%	32%	33%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	110.0289647263712
[deg] Pointing Dec	0	-8.001531183571601
[deg] Pointing Roll	0.0	324.0593878242472
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	286298695.814174	286298694.78917
Observation start date	2007-01-27T15:24:56	2007-01-27T15:24:54
[s] Observation end time (MET)	286320005.565184	286320004.54018
Observation end date	2007-01-27T21:20:06	2007-01-27T21:20:04
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2743064524531

A.2 Comments