

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55279 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 18 2012

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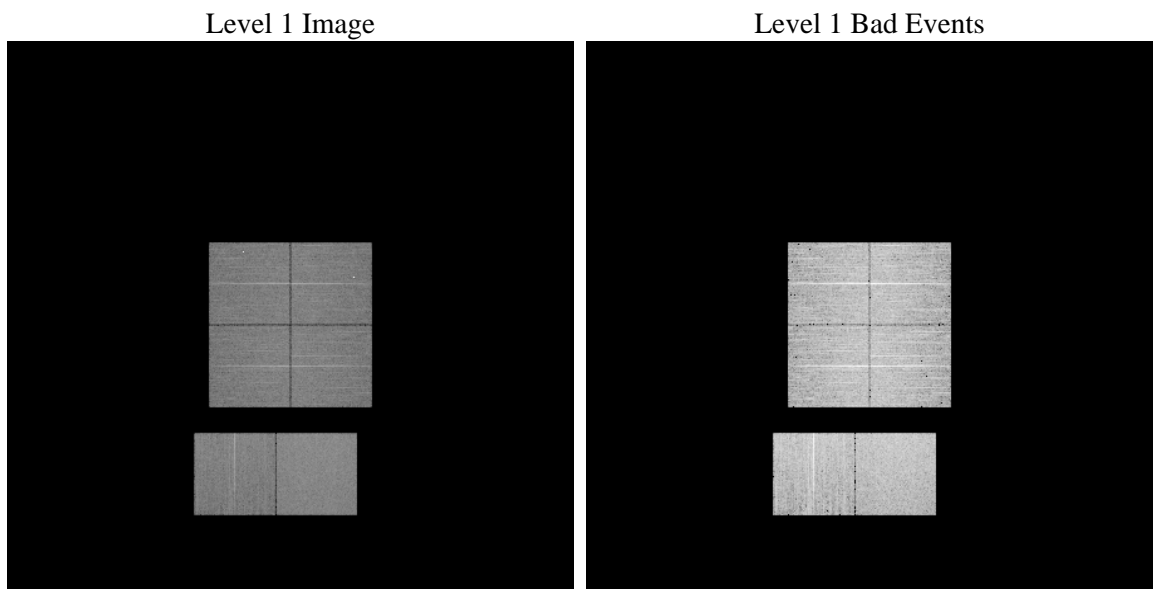
1 Front

seq_num	 	Sequence number
obs_id	55279	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	331.97221207302	Nominal RA [deg]
dec_nom	3.0073463557928	Nominal Dec [deg]
roll_nom	132.34083566318	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8287.1091402173	Sum of GTIs [s]
livetime	8182.1727743858	Livetime [s]
ontime0	8287.068100214	Sum of GTIs [s]
ontime1	8287.0270602107	Sum of GTIs [s]
ontime2	8283.7449598312	Sum of GTIs [s]
ontime3	8287.1501802206	Sum of GTIs [s]
ontime6	8286.9449802041	Sum of GTIs [s]
ontime7	8287.1091402173	Sum of GTIs [s]
l2events	302158	Number of level 2 events

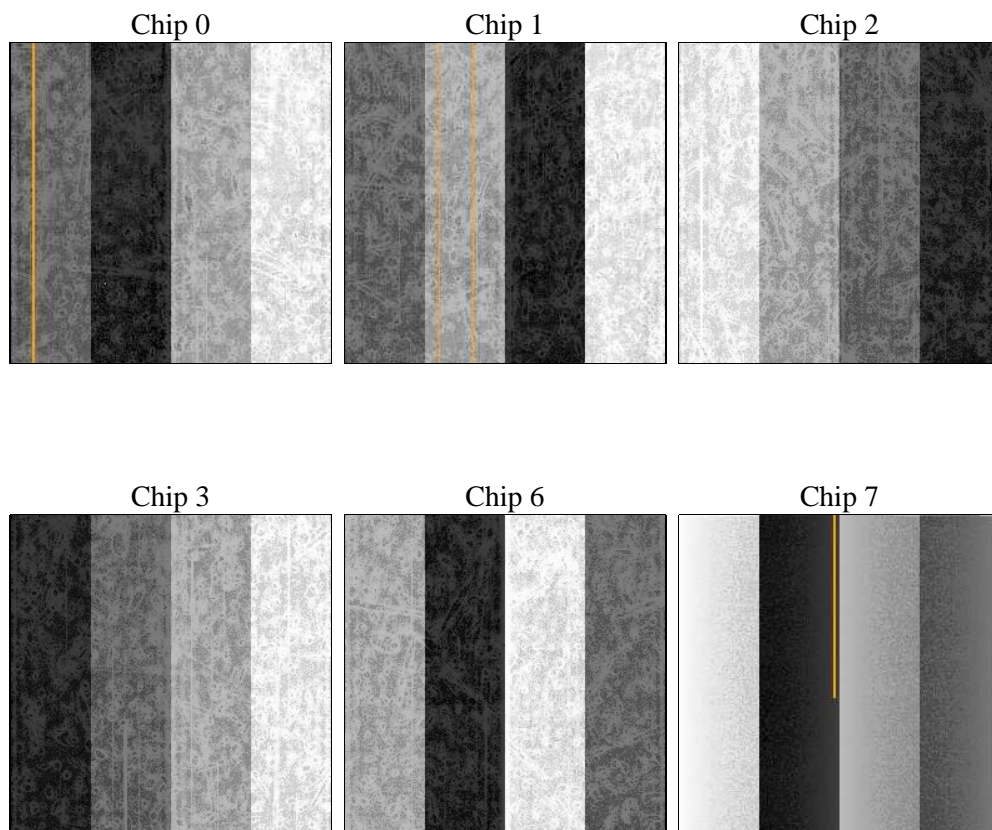
2 OBI

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	8287.1091402173	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8287.068100214	Sum of GTIs [s]
date	2012-02-18T19:28:23	Date and time of file creation	ontime1	8287.0270602107	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8283.7449598312	Sum of GTIs [s]
			ontime3	8287.1501802206	Sum of GTIs [s]
			ontime6	8286.9449802041	Sum of GTIs [s]
			ontime7	8287.1091402173	Sum of GTIs [s]
			l1events	664573	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	103265	105462	103772	106296	109788	135990	grade 0 events	25200	26921	25913	26258	24974	12906
rejected events	52648	54207	55966	57725	60148	59244		24%	25%	24%	24%	22%	9%
rejected %	50%	51%	53%	54%	54%	43%	grade 1 events	148	131	158	158	122	96
								0%	0%	0%	0%	0%	0%
							grade 2 events	11369	10103	8058	8242	9666	16876
								11%	9%	7%	7%	8%	12%
							grade 3 events	3236	3203	3364	3313	3196	6627
								3%	3%	3%	3%	2%	4%
							grade 4 events	3183	3104	3344	3422	3175	6541
								3%	2%	3%	3%	2%	4%
							grade 5 events	3481	3342	3101	3739	3491	8883
								3%	3%	2%	3%	3%	6%
							grade 6 events	7629	7924	7127	7336	8629	33796
								7%	7%	6%	6%	7%	24%
							grade 7 events	49019	50734	52707	53828	56535	50265
								47%	48%	50%	50%	51%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	331.9722120730153	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	3.007346355792772	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	132.3408356631826	[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)	428145206.617668	428145205.5928			
Observation start date	2011-07-27T09:13:27	2011-07-27T09:13:25			
[s] Observation end time (MET)	428167494.218984	428167493.19396			
Observation end date	2011-07-27T15:24:54	2011-07-27T15:24:53			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2871091402173

A.2 Comments