

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52308 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 19 2014

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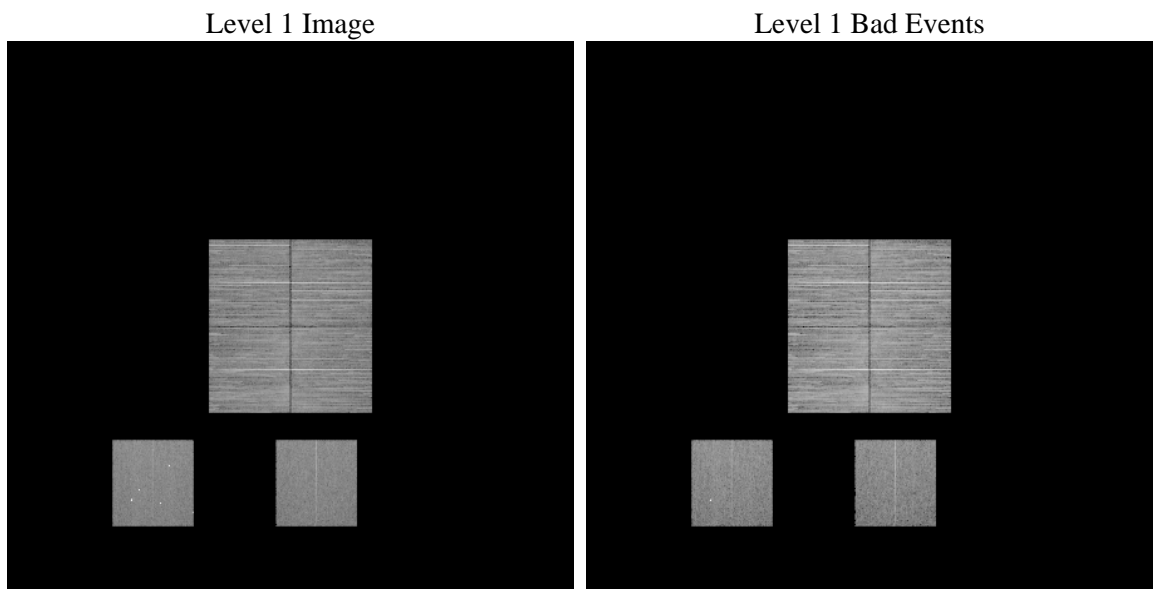
1 Front

seq_num	 	Sequence number
obs_id	52308	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	62.018661609877	Nominal RA [deg]
dec_nom	-3.9780527670582	Nominal Dec [deg]
roll_nom	16.745433440251	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8249.3603448272	Sum of GTIs [s]
livetime	8144.9019769725	Livetime [s]
ontime0	8249.3193048239	Sum of GTIs [s]
ontime1	8249.2782648206	Sum of GTIs [s]
ontime2	8249.2372248173	Sum of GTIs [s]
ontime3	8249.4013848305	Sum of GTIs [s]
ontime5	8249.196184814	Sum of GTIs [s]
ontime7	8249.3603448272	Sum of GTIs [s]
l2events	196970	Number of level 2 events

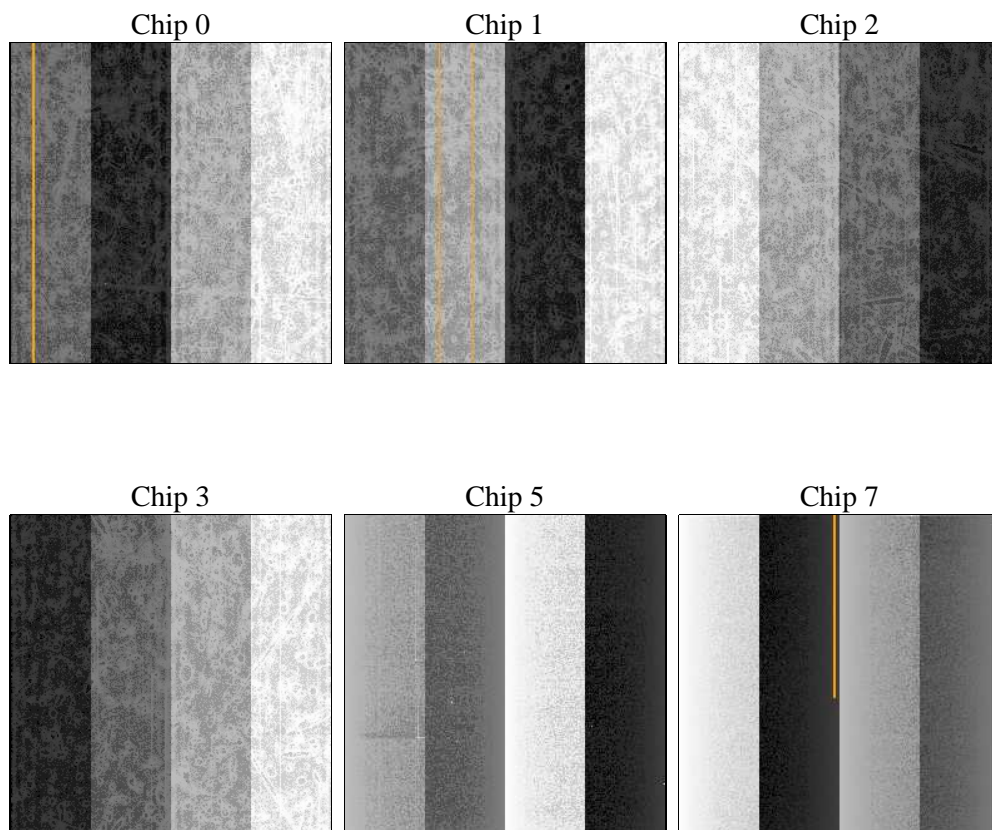
2 OBI

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	10.3	Processing system revision	ontime	8249.3603448272	Sum of GTIs [s]
caldsver	4.6.4	 	ontime0	8249.3193048239	Sum of GTIs [s]
date	2014-11-20T00:26:52	Date and time of file creation	ontime1	8249.2782648206	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8249.2372248173	Sum of GTIs [s]
			ontime3	8249.4013848305	Sum of GTIs [s]
			ontime5	8249.196184814	Sum of GTIs [s]
			ontime7	8249.3603448272	Sum of GTIs [s]
			l1events	916432	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	160046	159734	166495	158941	143009	128207	grade 0 events	11886	11384	12283	12678	10612	6416
rejected events	135654	134801	142203	133984	79765	75278		7%	7%	7%	7%	7%	5%
rejected %	84%	84%	85%	84%	55%	58%	grade 1 events	70	56	83	77	170	81
								0%	0%	0%	0%	0%	0%
							grade 2 events	5169	5850	4880	4953	21514	13257
								3%	3%	2%	3%	15%	10%
							grade 3 events	1741	1724	1766	1750	1675	4030
								1%	1%	1%	1%	1%	3%
							grade 4 events	1747	1749	1768	1784	1610	4024
								1%	1%	1%	1%	1%	3%
							grade 5 events	3077	3067	2995	3337	6192	7893
								1%	1%	1%	2%	4%	6%
							grade 6 events	3954	4355	3703	3901	28132	25427
								2%	2%	2%	2%	19%	19%
							grade 7 events	132402	131549	139017	130461	73104	67079
								82%	82%	83%	82%	51%	52%

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	62.01866160987668	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-3.978052767058201	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	16.7454334402515	[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)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	532797091.93548	532797091.93548			
Observation start date	2014-11-19T15:11:32	2014-11-19T15:11:31			
[s] Observation end time (MET)	532806638.675221	532806638.675221			
Observation end date	2014-11-19T17:50:39	2014-11-19T17:50:38			
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)	2014.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2493603448272

A.2 Comments