

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56897 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

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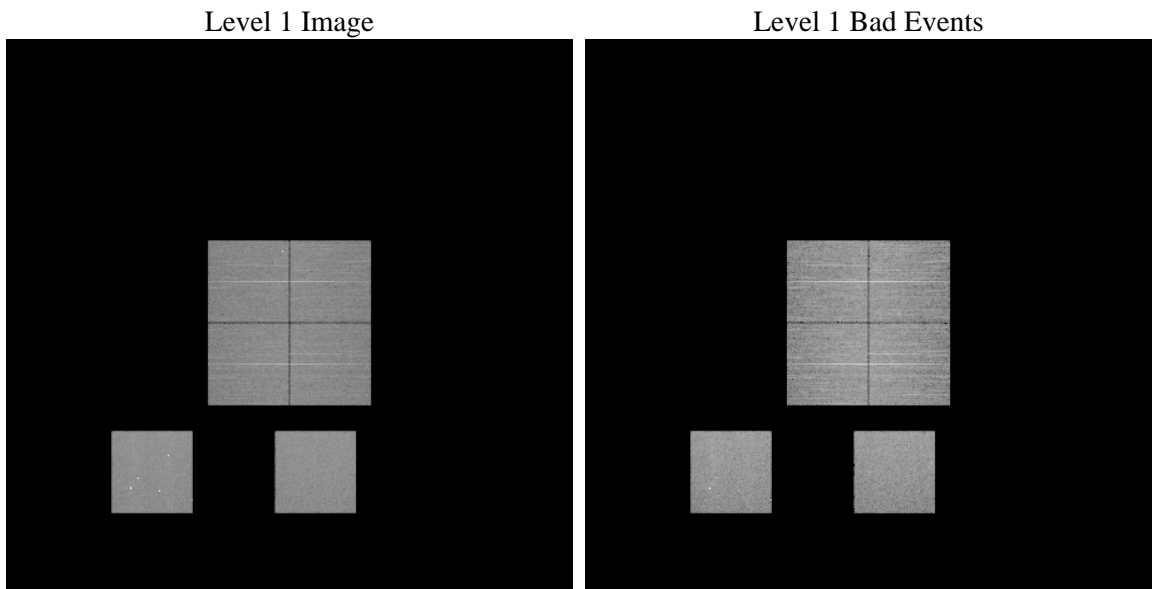
1 Front

seq_num	 	Sequence number
obs_id	56897	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	280.0091552727	Nominal RA [deg]
dec_nom	-7.0273089727246	Nominal Dec [deg]
roll_nom	255.52008465127	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8073.5999699831	Sum of GTIs [s]
livetime	7971.3671858249	Livetime [s]
ontime0	8073.5999699831	Sum of GTIs [s]
ontime1	8073.5999699831	Sum of GTIs [s]
ontime2	8073.5999699831	Sum of GTIs [s]
ontime3	8073.5999699831	Sum of GTIs [s]
ontime5	8073.5999699831	Sum of GTIs [s]
ontime7	8073.5999699831	Sum of GTIs [s]
l2events	485163	Number of level 2 events

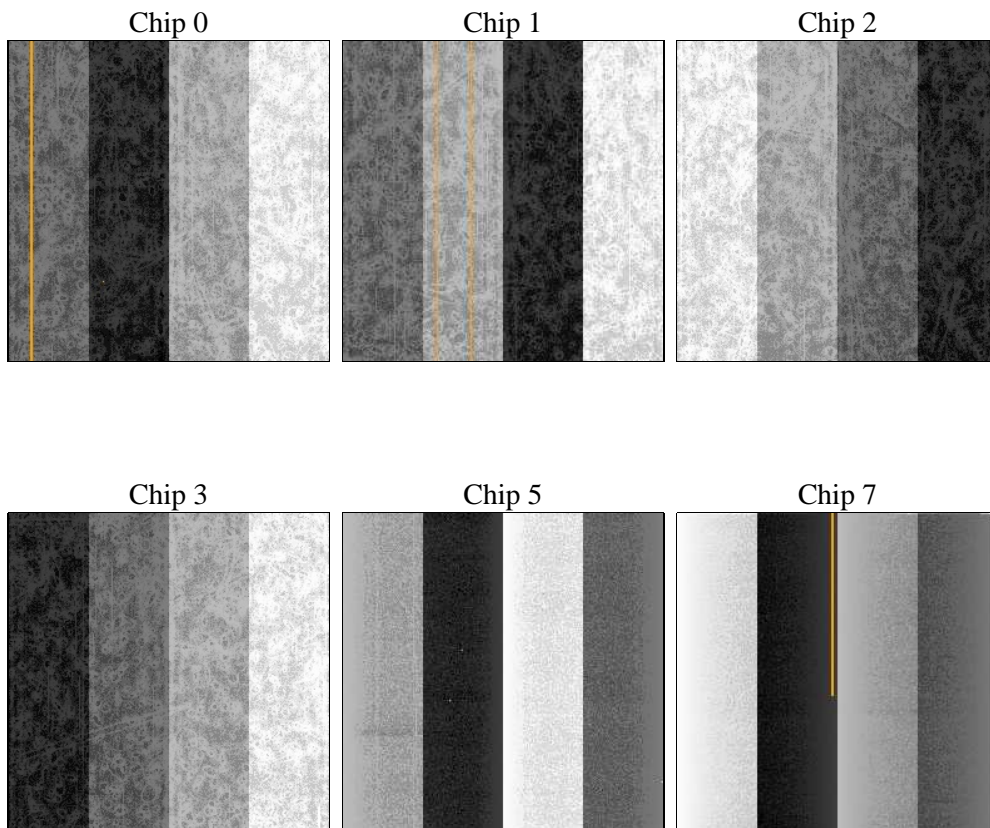
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8073.5999699831	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8073.5999699831	Sum of GTIs [s]
date	2012-06-11T18:04:35	Date and time of file creation	ontime1	8073.5999699831	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8073.5999699831	Sum of GTIs [s]
			ontime3	8073.5999699831	Sum of GTIs [s]
			ontime5	8073.5999699831	Sum of GTIs [s]
			ontime7	8073.5999699831	Sum of GTIs [s]
			l1events	988767	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	150582	149103	153871	155318	195169	184724	grade 0 events	41987	38534	40368	41065	20193	20184
rejected events	75813	76421	81482	82213	78576	74914		27%	25%	26%	26%	10%	10%
rejected %	50%	51%	52%	52%	40%	40%	grade 1 events	298	247	319	308	398	177
								0%	0%	0%	0%	0%	0%
							grade 2 events	13552	14477	12908	12860	42679	24745
								8%	9%	8%	8%	21%	13%
							grade 3 events	5071	4932	5101	5162	4628	10206
								3%	3%	3%	3%	2%	5%
							grade 4 events	4892	4824	5134	5097	4416	10229
								3%	3%	3%	3%	2%	5%
							grade 5 events	4023	4209	3940	4507	9266	11269
								2%	2%	2%	2%	4%	6%
							grade 6 events	11187	11740	10686	10689	47561	47256
								7%	7%	6%	6%	24%	25%
							grade 7 events	69572	70140	75415	75630	66028	60658
								46%	47%	49%	48%	33%	32%

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	280.0091552726989	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-7.027308972724612	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	255.5200846512658	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	366452954.8333	366452954.8333			
Observation start date	2009-08-12T08:29:15	2009-08-12T08:29:14			
[s] Observation end time (MET)	366462503.815498	366462503.815498			
Observation end date	2009-08-12T11:08:24	2009-08-12T11:08:23			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0735999699831

A.2 Comments