

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2540 - L2 Version 001
Chandra X-Ray Center

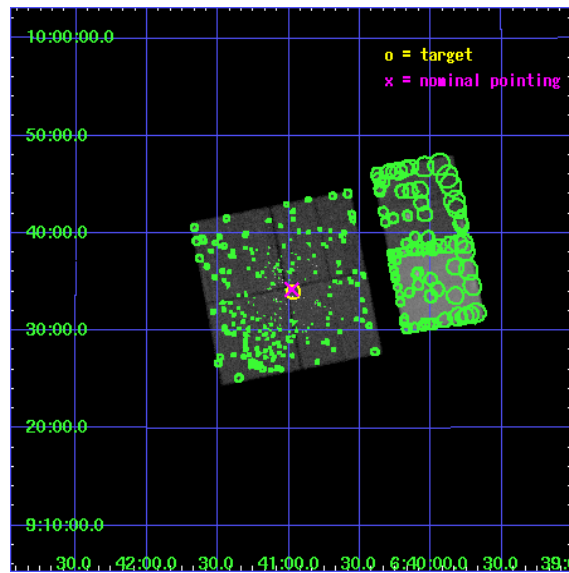
L2 Processing Date : Oct 12 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

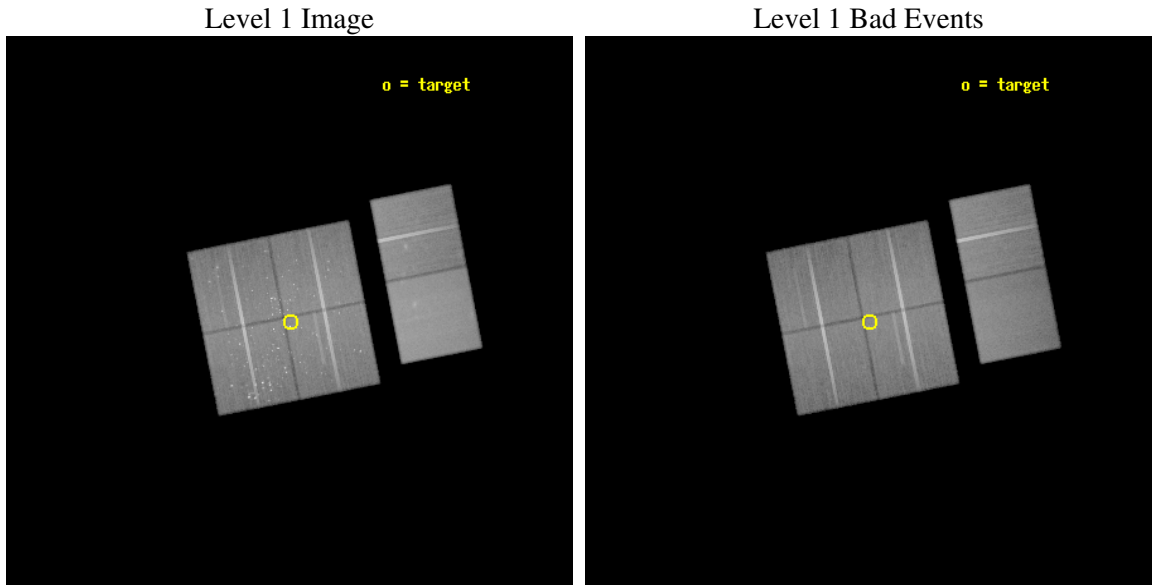
seq_num	200148
obs_id	2540
title	THE LOW-MASS POPULATION OF NGC2264 AND ITS CORONAL PROPERTIES.
observer	Dr. Salvatore Sciortino
object	NGC 2264
dtcycle	0
cycle	P
ra_targ	100.242083
dec_targ	9.566778
ra_nom	100.24473405196
dec_nom	9.5706316707352
roll_nom	78.8732994053
revision	2
ontime	96963.199638784
livetime	95735.393220728
ontime0	96959.95866853
ontime1	96963.199638784
ontime2	96956.717698246
ontime3	96963.199638784
ontime6	96963.199638784
ontime7	96959.9586685
l2events	724083



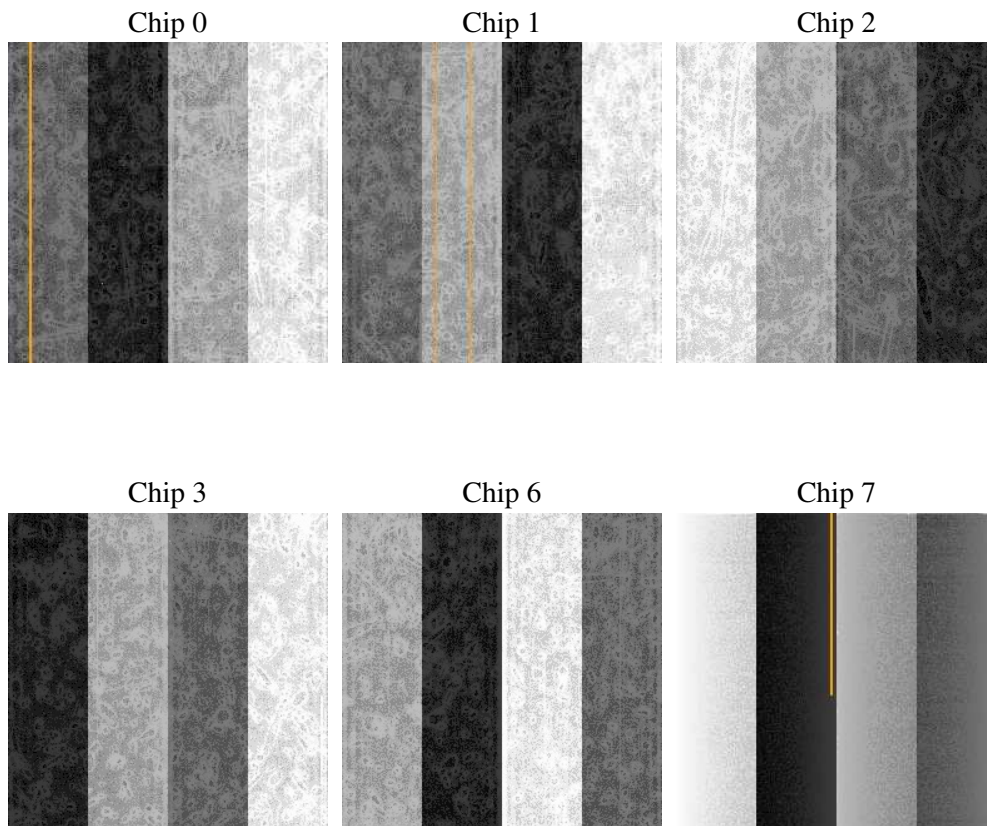
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-12T03:21:03
revision	2

sched_exp_time	97000.000000
ontime	96967.542000145
ontime0	96964.301029891
ontime1	96967.542000145
ontime2	96961.060059607
ontime3	96967.542000145
ontime6	96967.542000145
ontime7	96964.301029861
l1events	3872627

2.1.4 Events

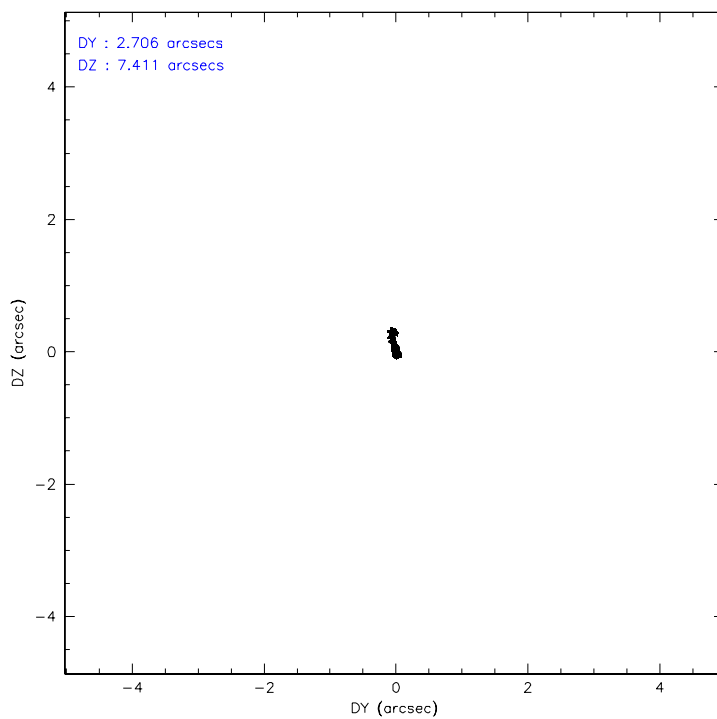
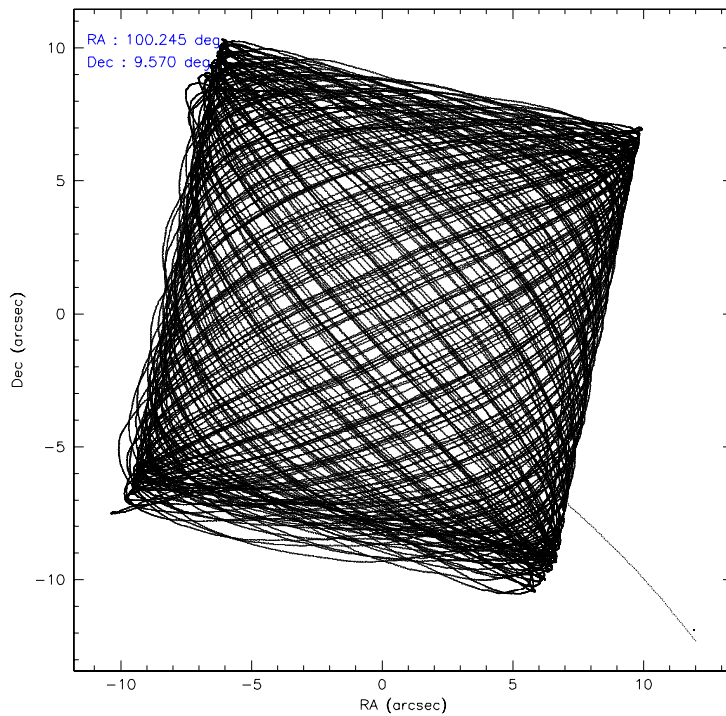
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	568772	595616	612759	615751	639804	839925
rejected events	480311	482077	532718	533001	557679	499816
rejected %	84%	80%	86%	86%	87%	59%

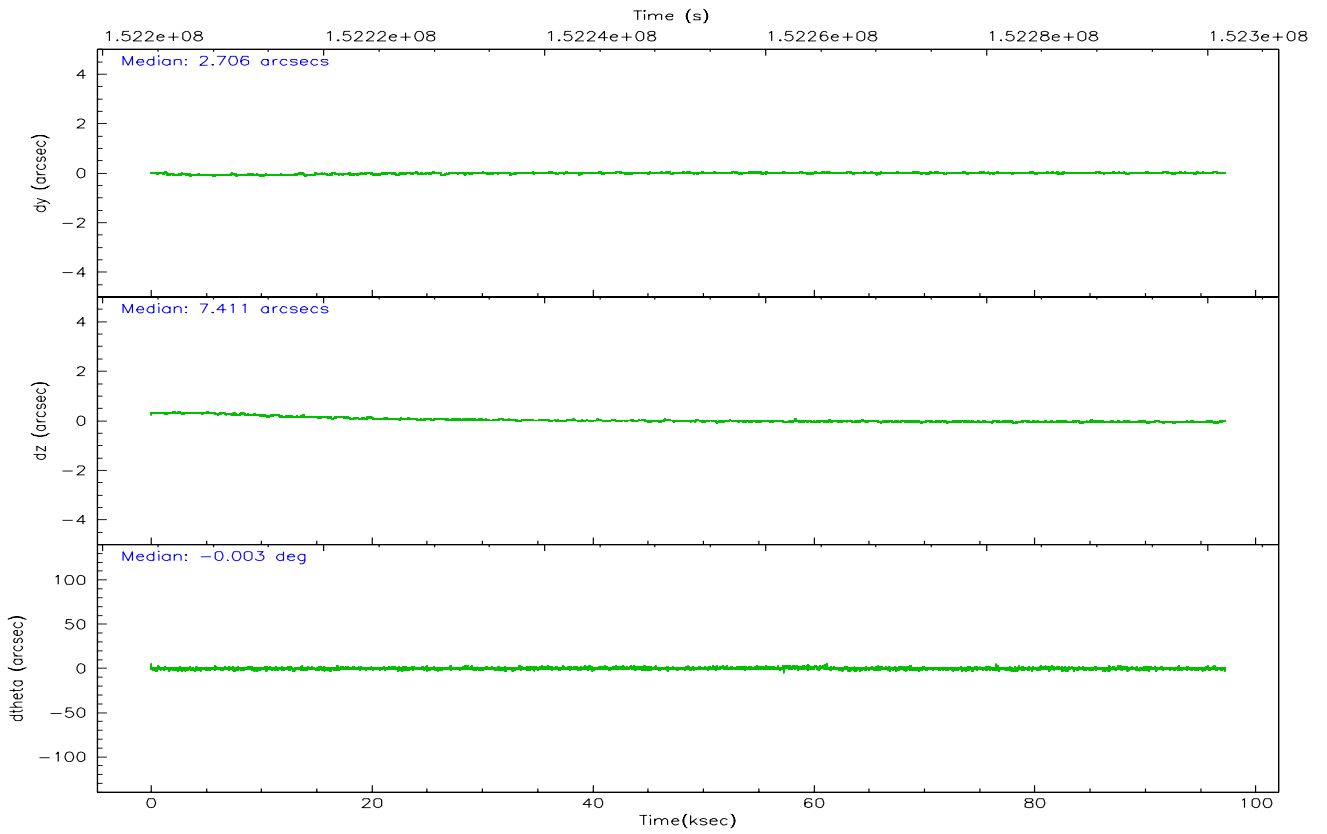
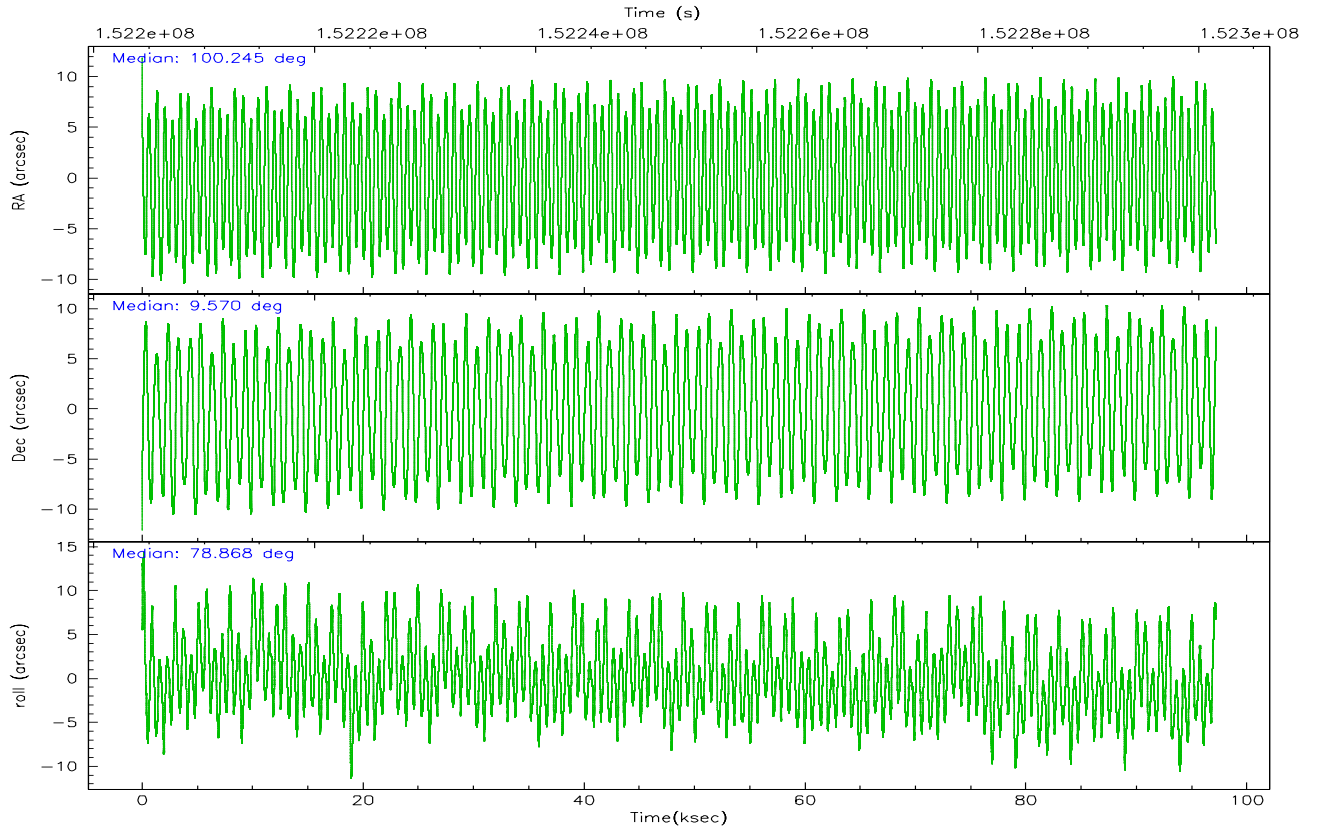
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	44489	62392	39562	41923	37315	22842
	7%	10%	6%	6%	5%	2%
grade 1 events	396	440	381	448	314	487
	0%	0%	0%	0%	0%	0%
grade 2 events	16201	19168	14810	14194	15707	82388
	2%	3%	2%	2%	2%	9%
grade 3 events	7904	8601	7006	7161	7414	17924
	1%	1%	1%	1%	1%	2%
grade 4 events	7126	8513	6903	7193	7115	17559
	1%	1%	1%	1%	1%	2%
grade 5 events	23467	24577	22902	25880	27878	53436
	4%	4%	3%	4%	4%	6%
grade 6 events	12748	14874	11765	12283	14581	199418
	2%	2%	1%	1%	2%	23%
grade 7 events	456441	457051	509430	506669	529480	445871
	80%	76%	83%	82%	82%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
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	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	100.253801	100.2447340519562	Subarray requested	NONE	NONE
Pointing Dec	9.544743	9.570631670735162	Alternating exposures requested	N	N
Pointing Roll	78.663107	78.87329940530039	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	152204597.184000	152203598.83547			
Observation start date	2002-10-28T15:02:13	2002-10-28T14:46:38			
Observation end time	152301597.184000	152302340.16457			
Observation end date	2002-10-29T17:58:53	2002-10-29T18:12:20			
Read mode	TIMED	TIMED			

2.3 Aspect



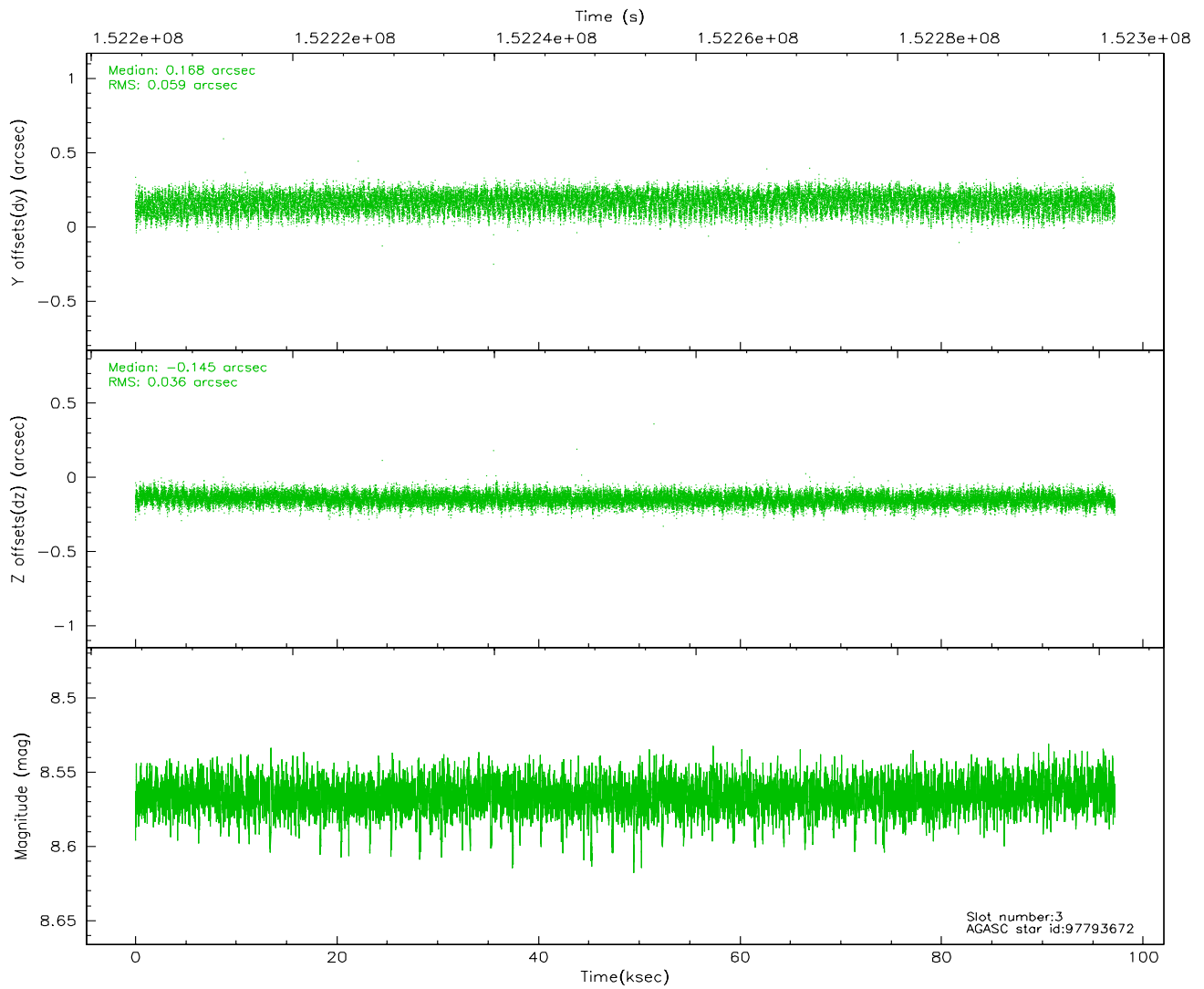
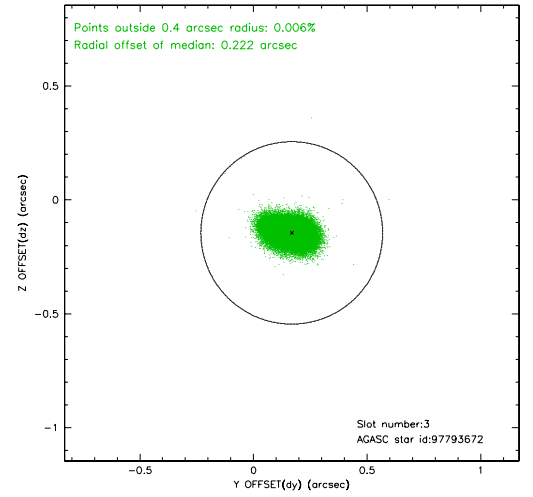
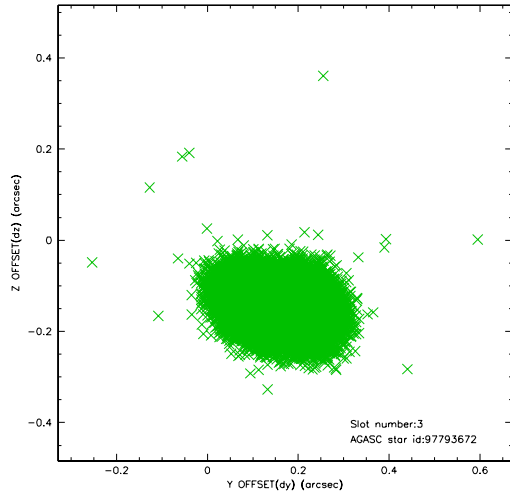


Slot Statistics

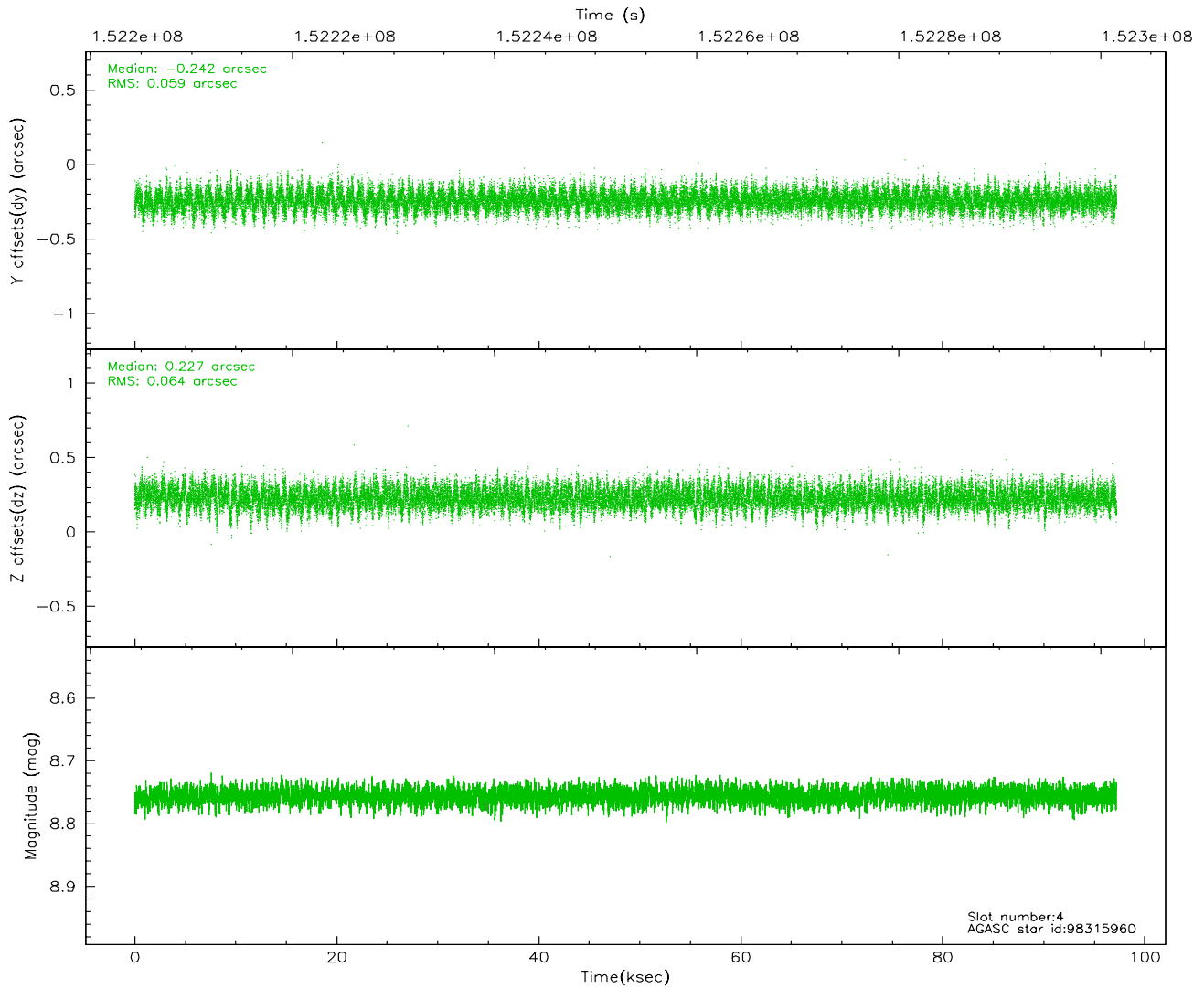
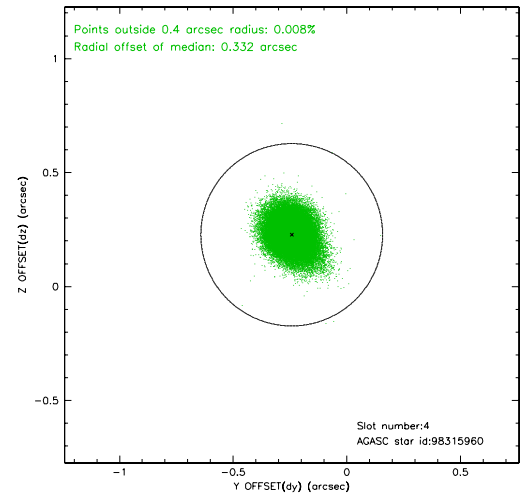
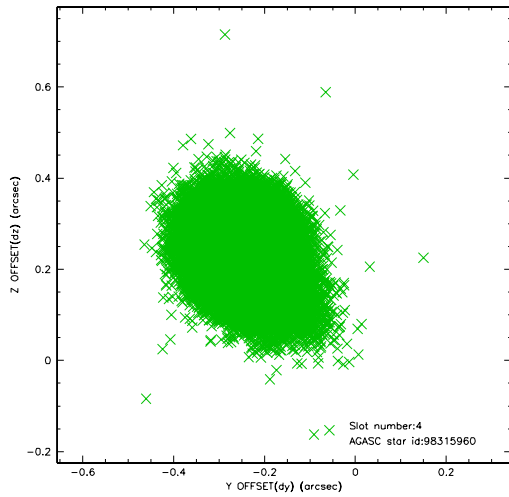
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	23714	-0.100	0.023	0.009	0.015	0.000000	0.000000	937.02	-830.81
1	FID	ACIS-I-2	7.14	23714	-0.041	-0.029	0.006	0.010	0.000000	0.000000	-757.05	-837.30
2	FID	ACIS-I-4	7.18	23712	0.042	0.073	0.006	0.011	0.000000	0.000000	2157.05	1069.11
3	GUIDE	97793672	8.57	47421	0.168	-0.145	0.073	0.120	99.657664	9.160198	-1771.59	1805.75
4	GUIDE	98315960	8.76	47383	-0.242	0.227	0.092	0.150	100.661368	10.107192	2270.47	-1017.28
5	GUIDE	97784296	8.92	47407	0.079	0.199	0.082	0.131	100.681483	8.855229	-2133.09	-1979.13
6	GUIDE	98316104	9.57	47395	0.043	-0.237	0.146	0.236	99.650578	9.433334	-812.22	2022.02
7	GUIDE	98314456	9.31	47080	-0.048	-0.050	0.091	0.148	100.213175	10.028844	1680.84	484.37

2.4 Star Slots

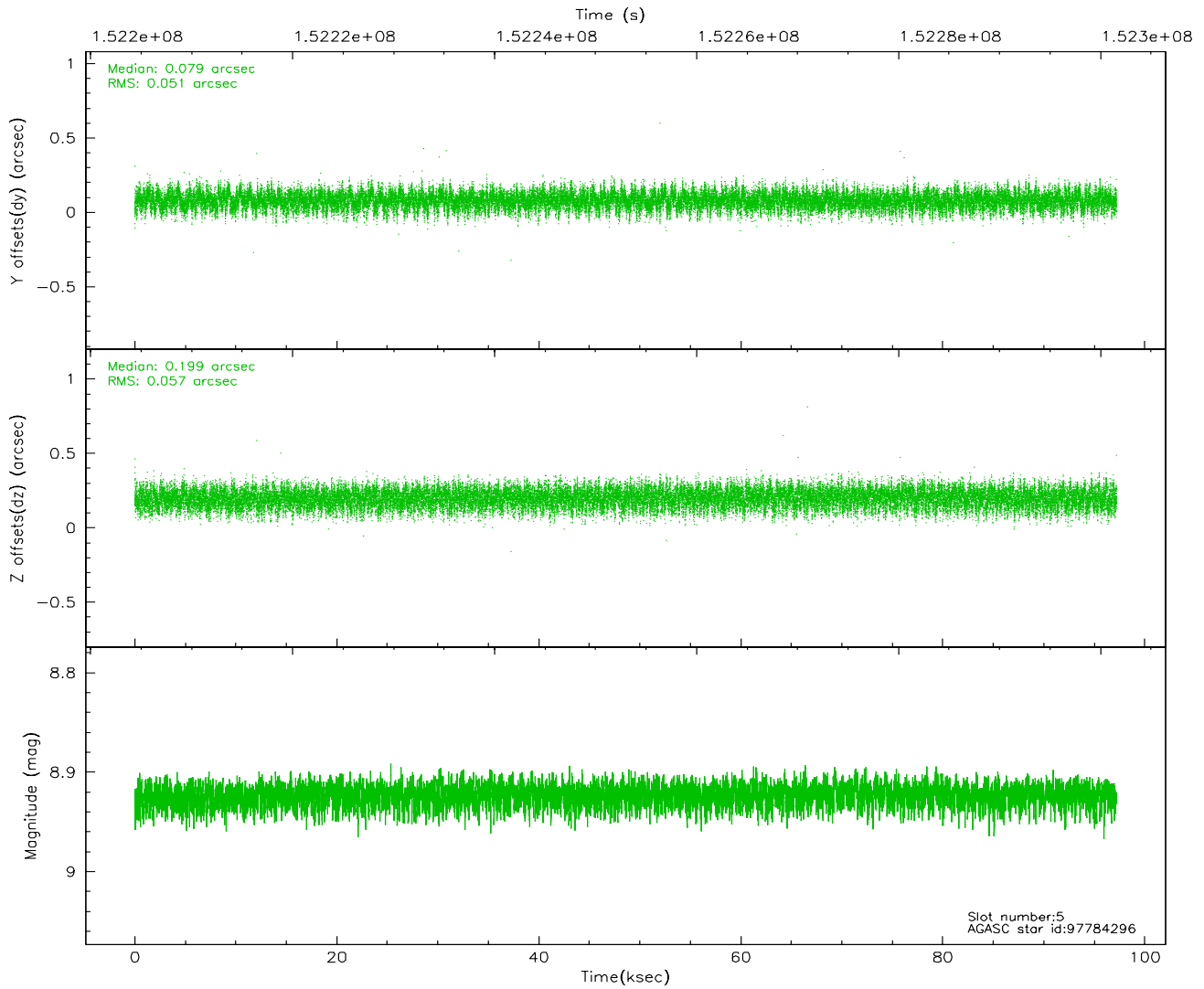
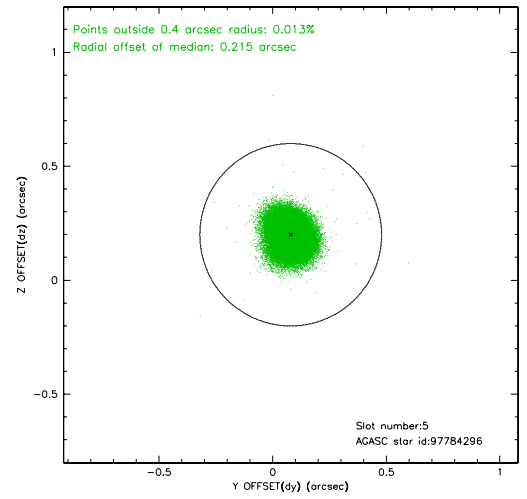
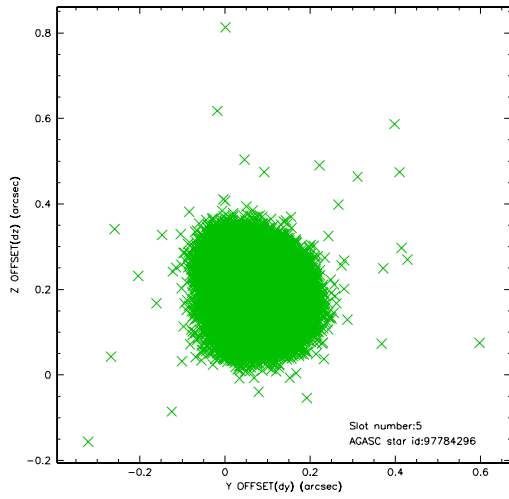
2.4.1 Slot 3



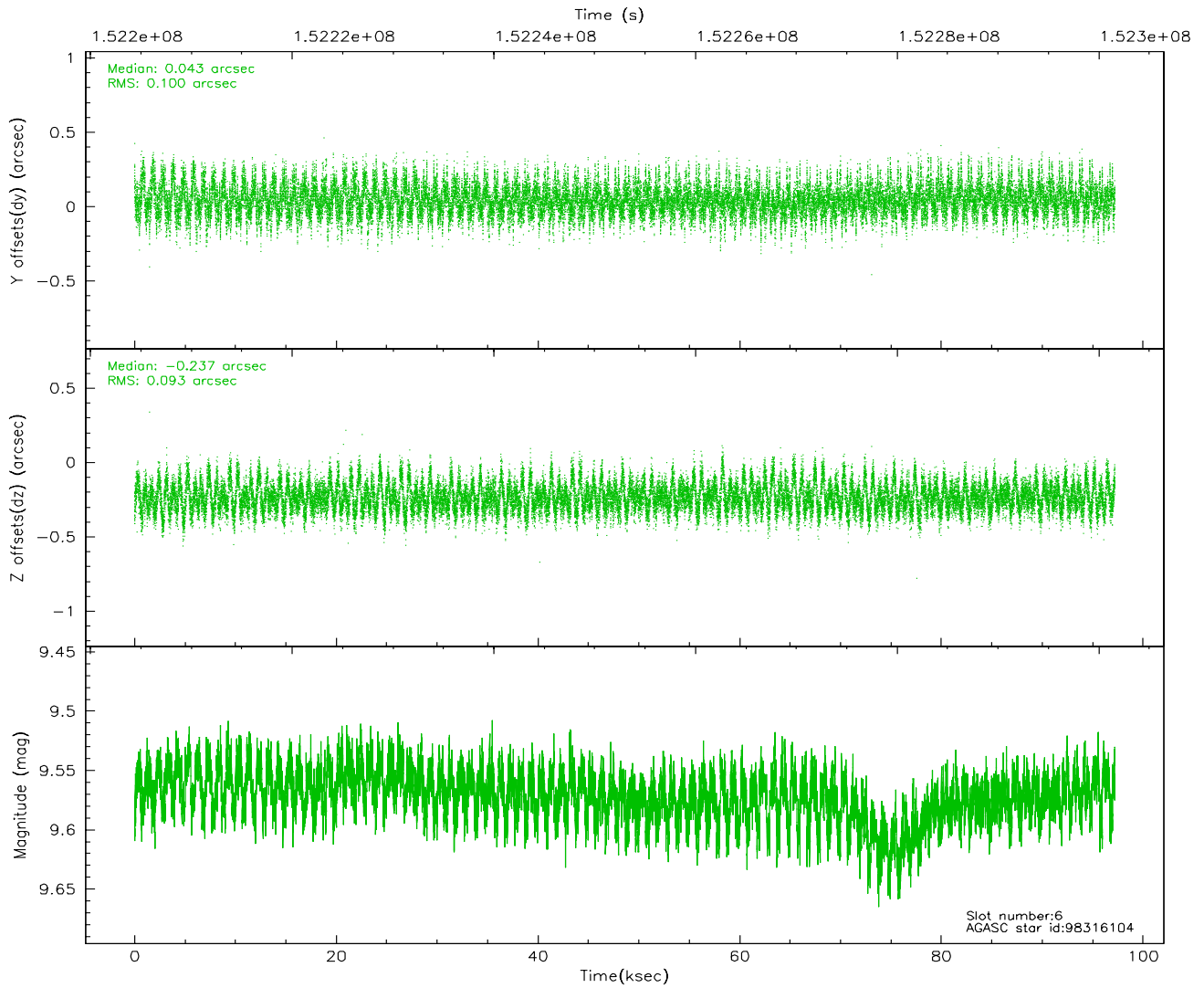
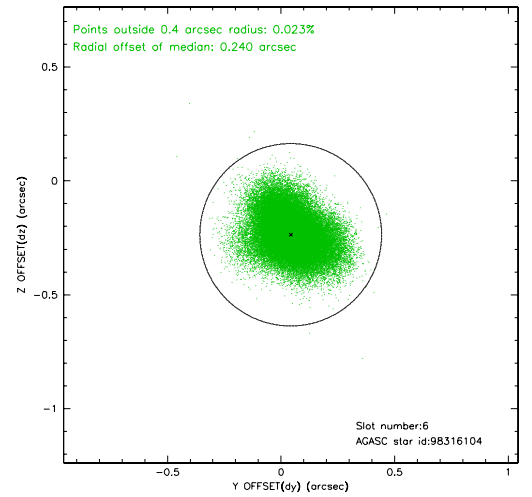
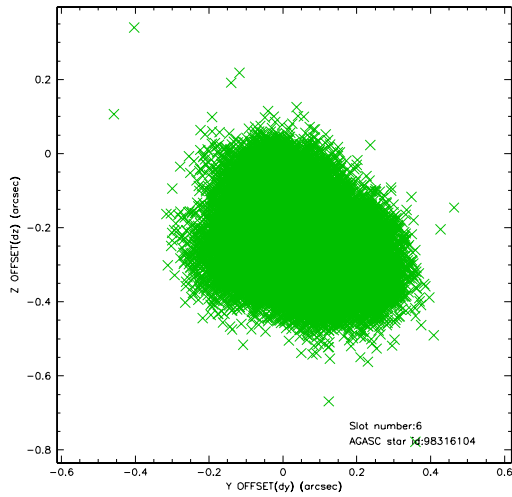
2.4.2 Slot 4



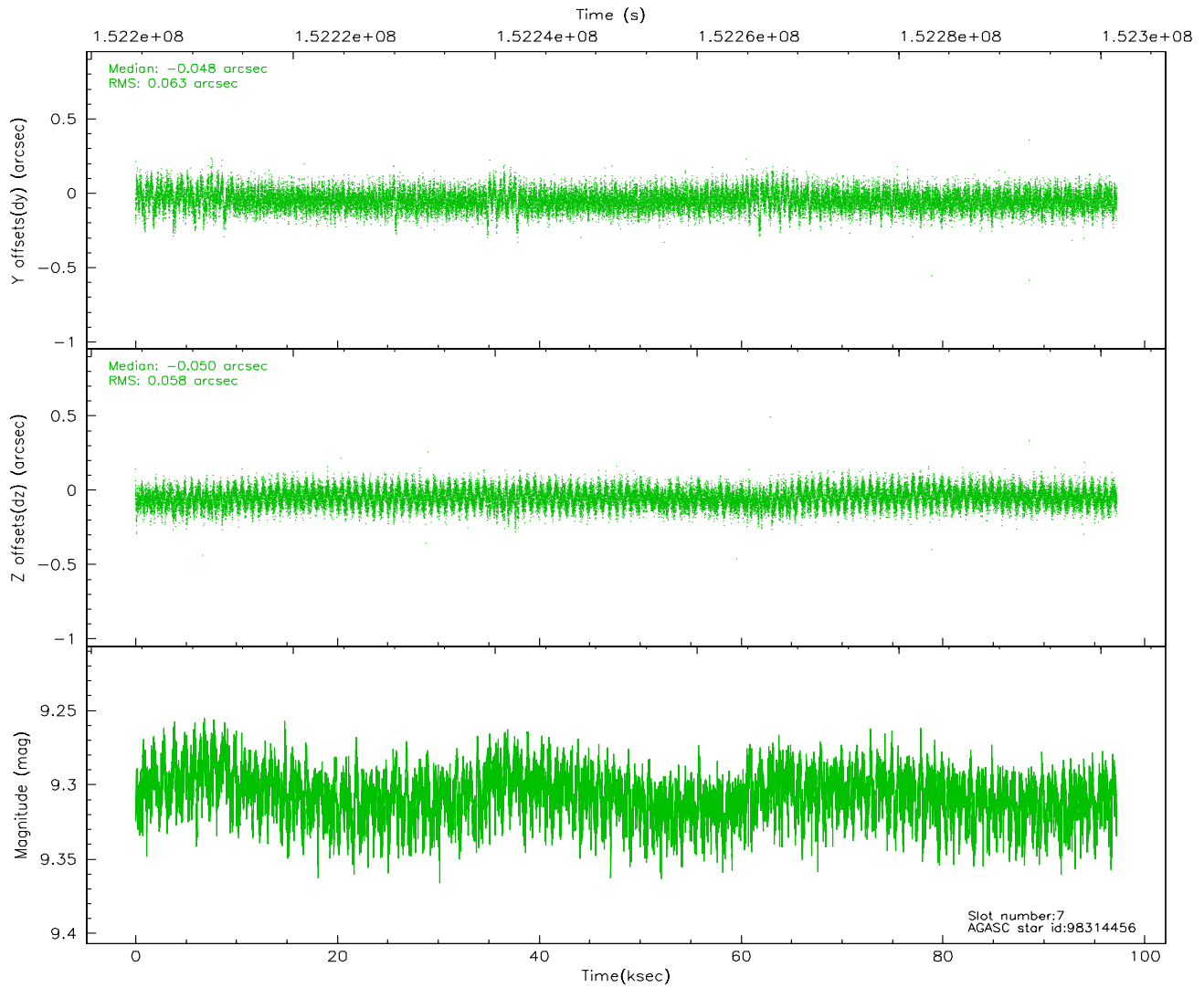
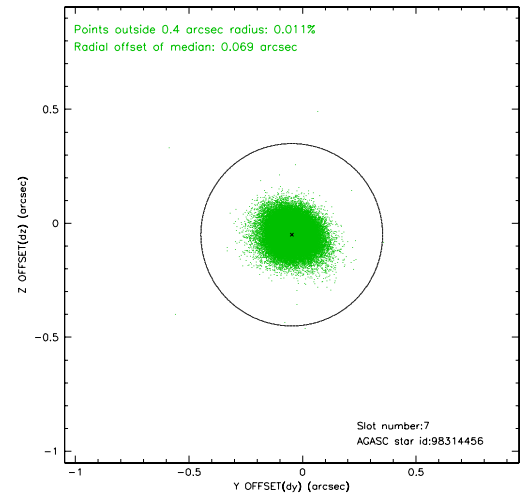
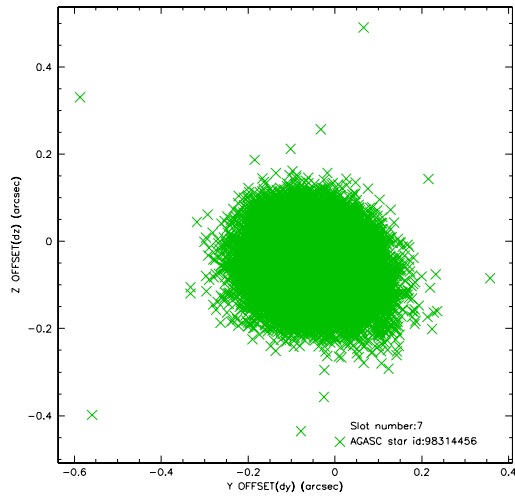
2.4.3 Slot 5



2.4.4 Slot 6

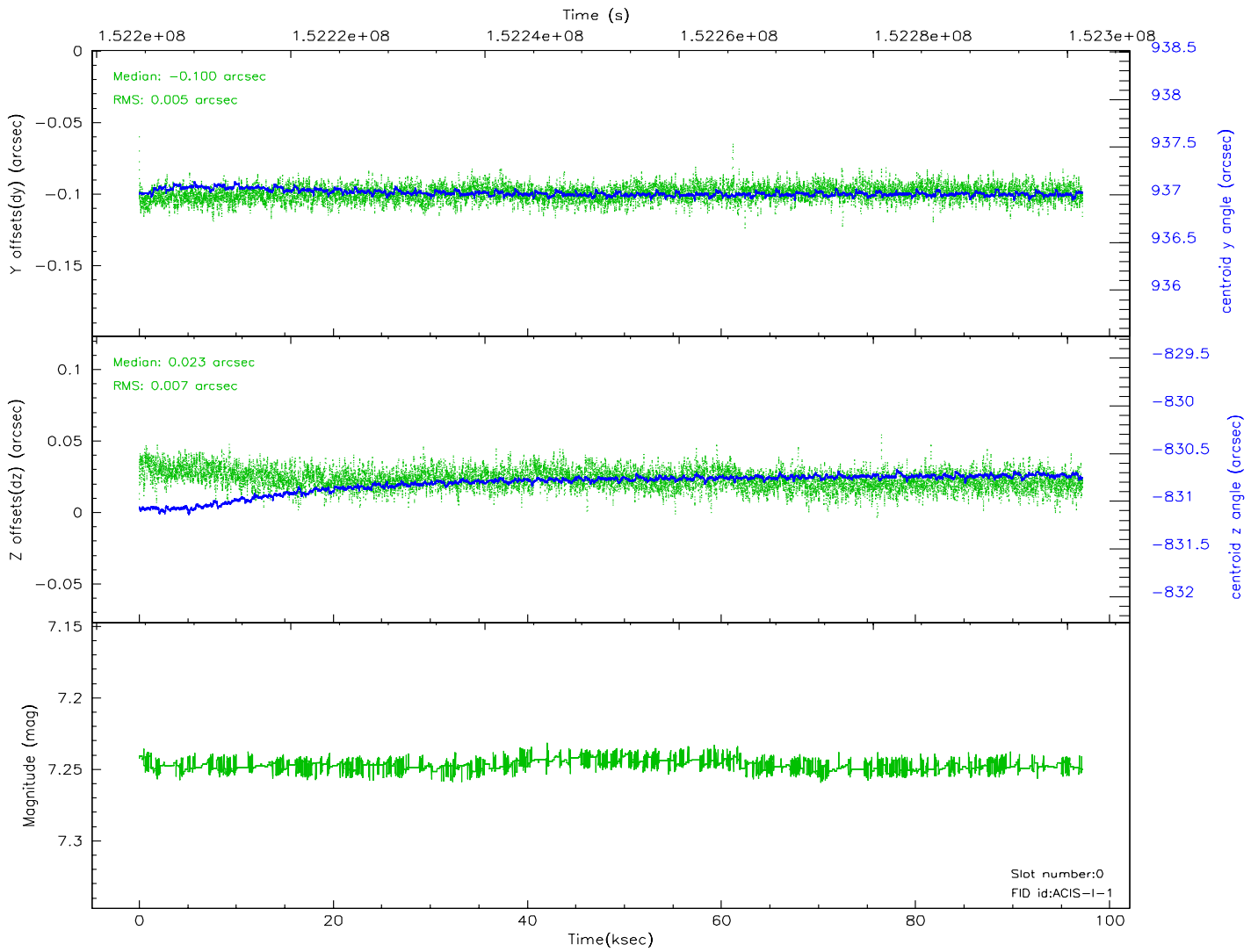
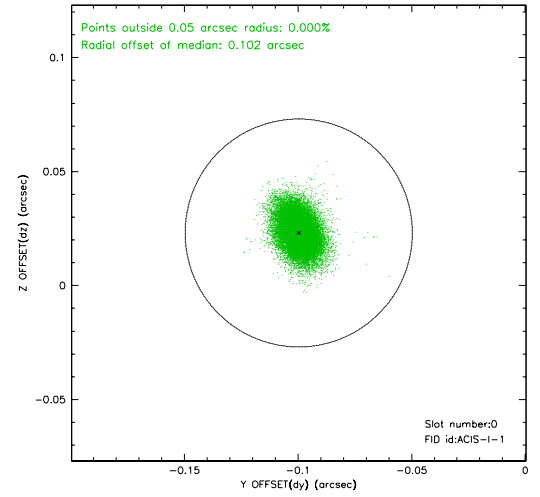
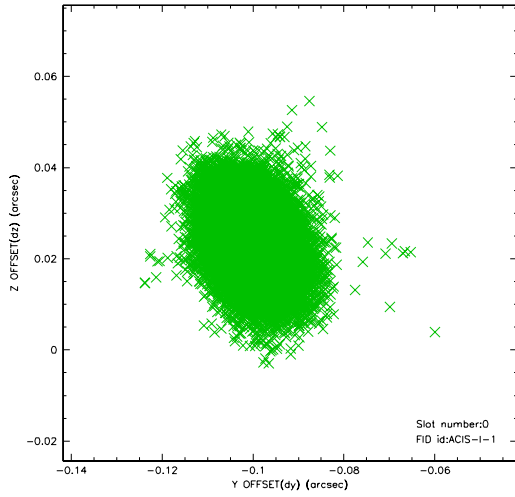


2.4.5 Slot 7

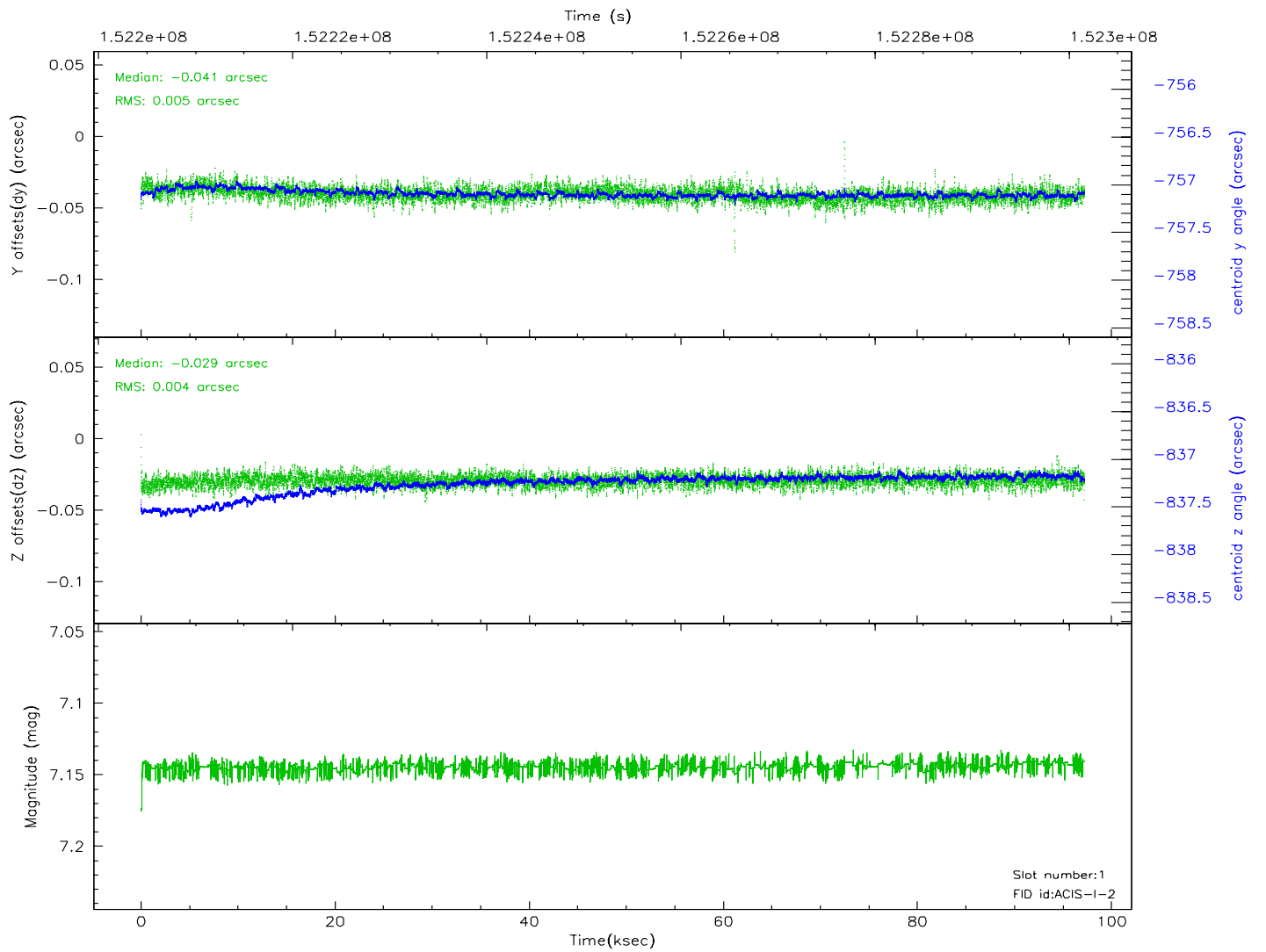
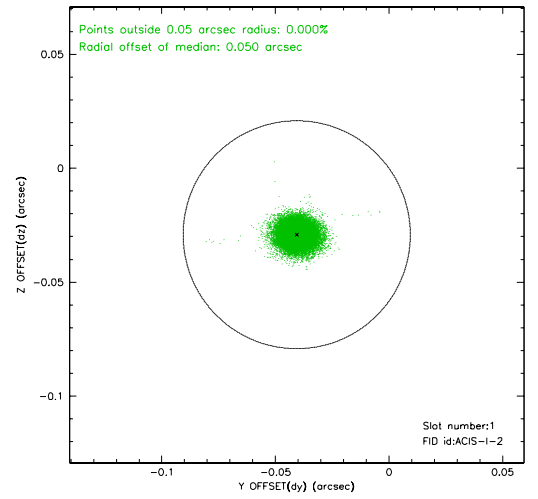
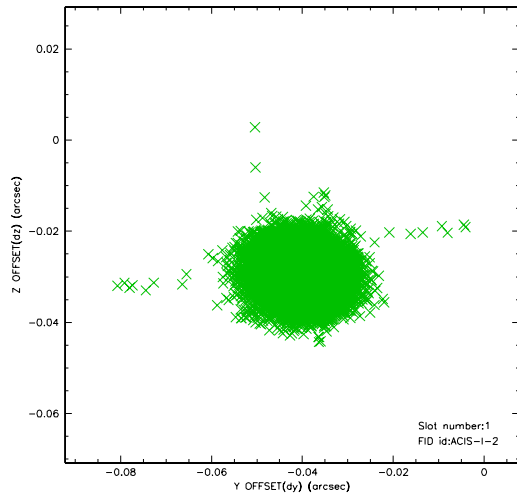


2.5 FID Slots

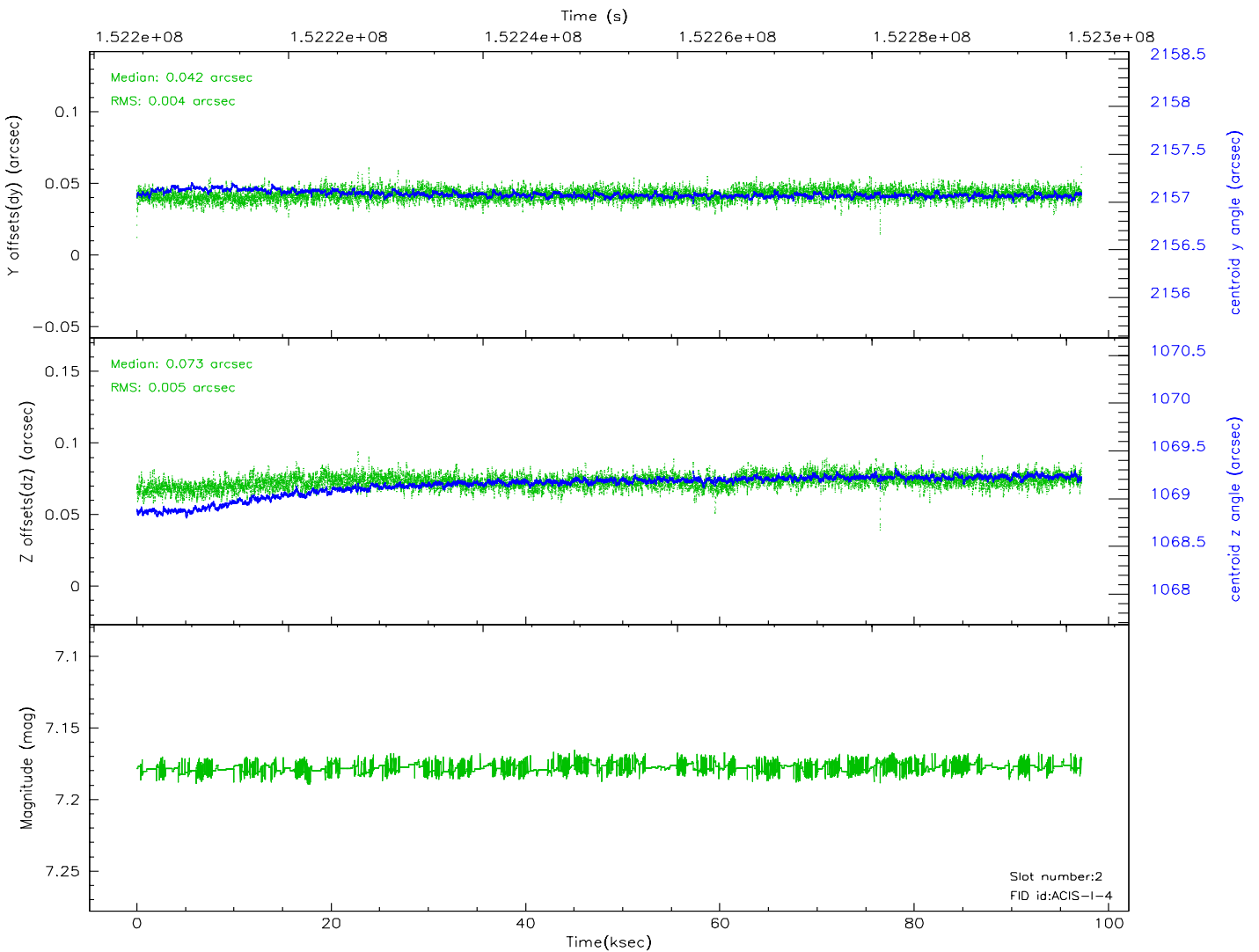
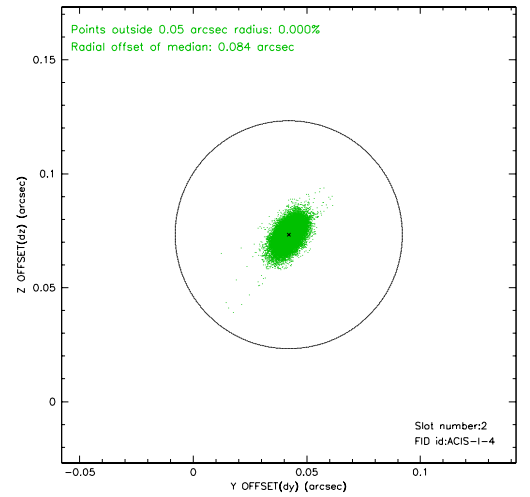
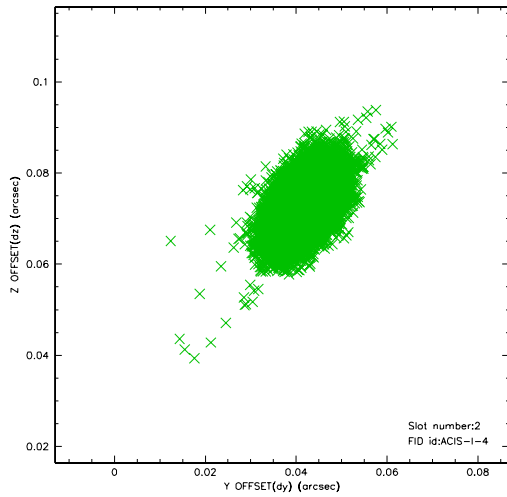
2.5.1 Slot 0



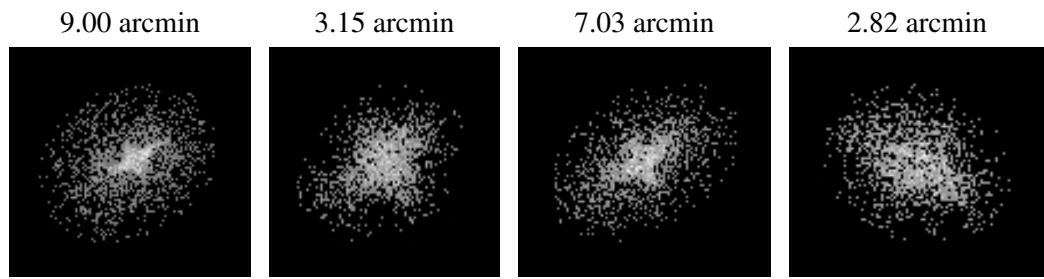
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	96.966

A.2 Comments