

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5604 - L2 Version 002
Chandra X-Ray Center

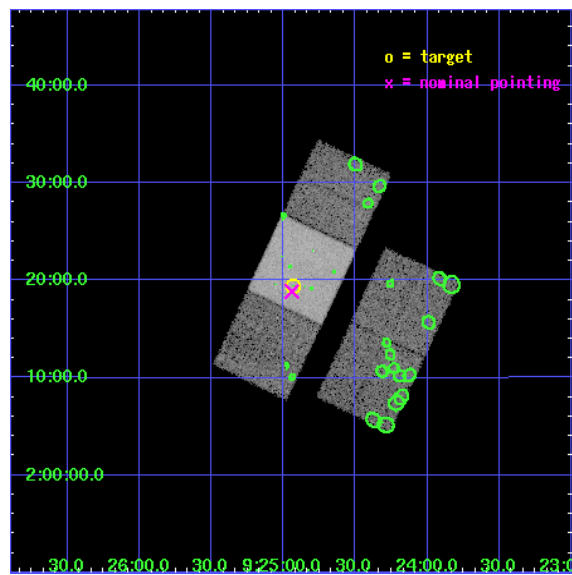
L2 Processing Date: Feb 25 2006

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1 Front

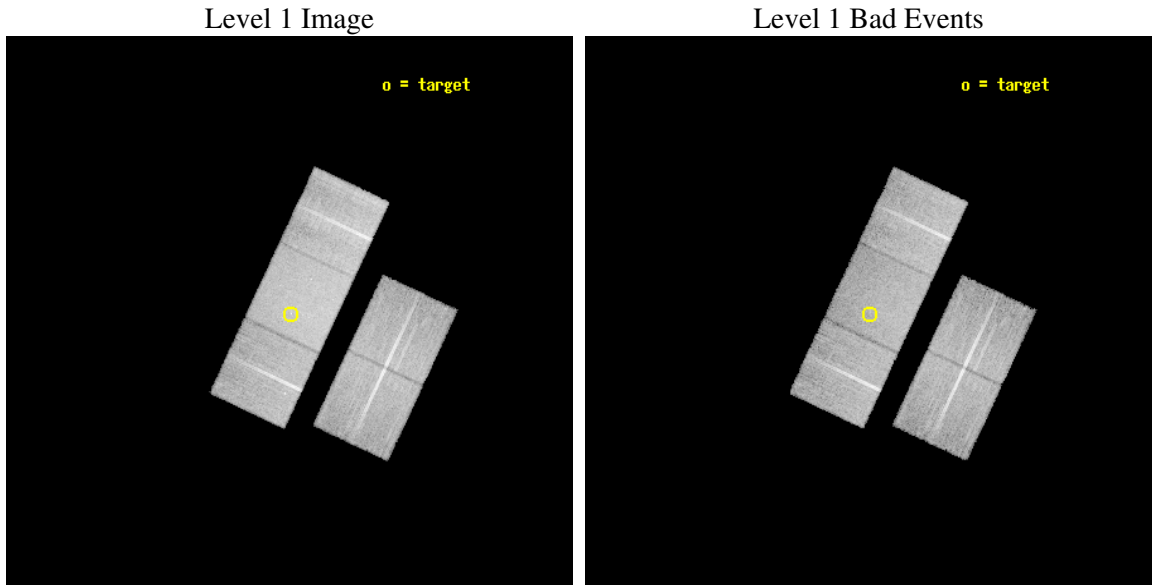
seq_num	701027
obs_id	5604
title	A Study of Quasar Evolution With The Aid Of Lensing
observer	Prof. Gordon Garmire
object	SDSSJ0924+0219
dtcycle	0
cycle	P
ra_targ	141.232917
dec_targ	2.323583
ra_nom	141.23543726441
dec_nom	2.3142419854776
roll_nom	295.17811824367
revision	2
ontime	18181.499965042
livetime	17943.945282973
ontime2	18178.35896486
ontime3	18178.358984798
ontime6	18181.499965042
ontime7	18181.499965042
ontime8	18178.358974785
l2events	124349



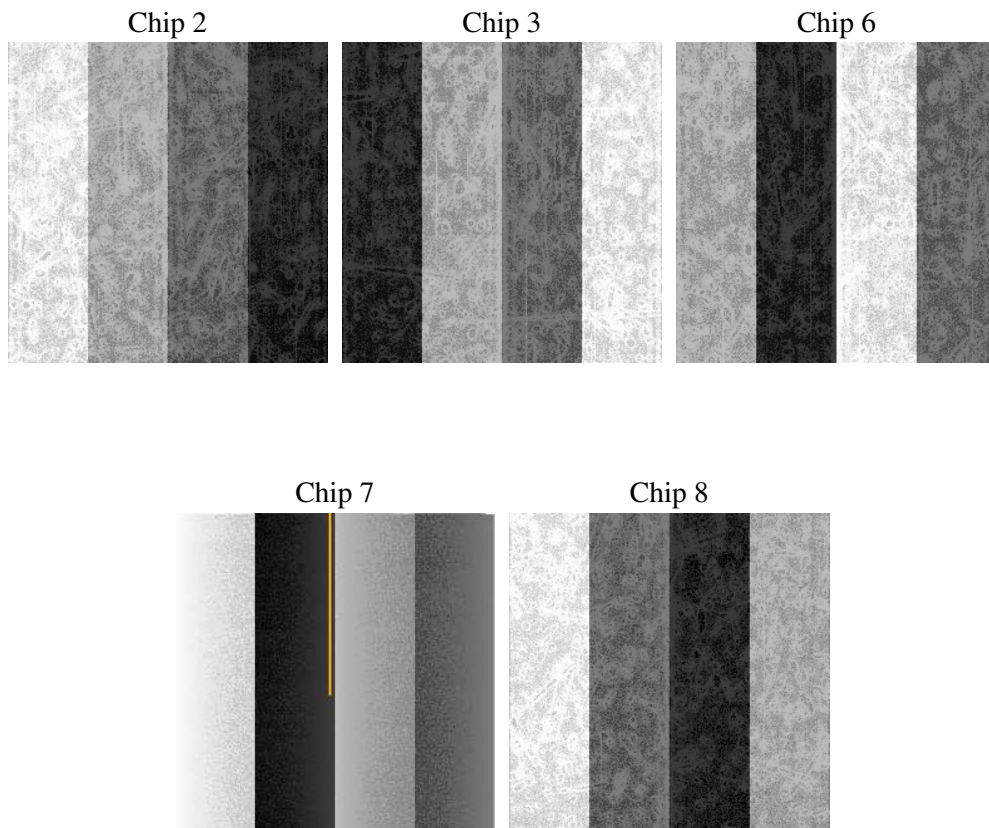
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-25T07:53:23
revision	2

sched_exp_time	18000.000000
ontime	19741.267864048
ontime2	19738.126863867
ontime3	19738.126883805
ontime6	19741.267864048
ontime7	19741.267864048
ontime8	19738.126873791
l1events	814747

2.1.4 Events

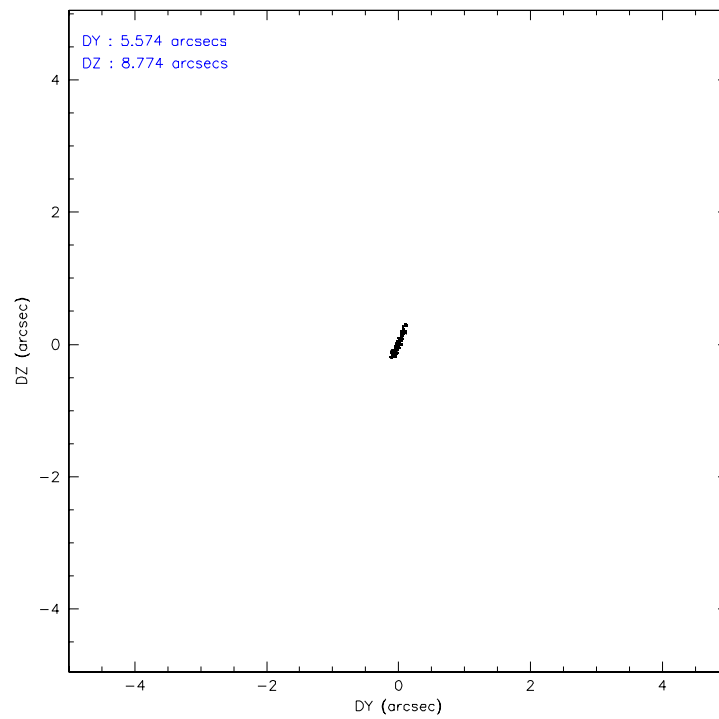
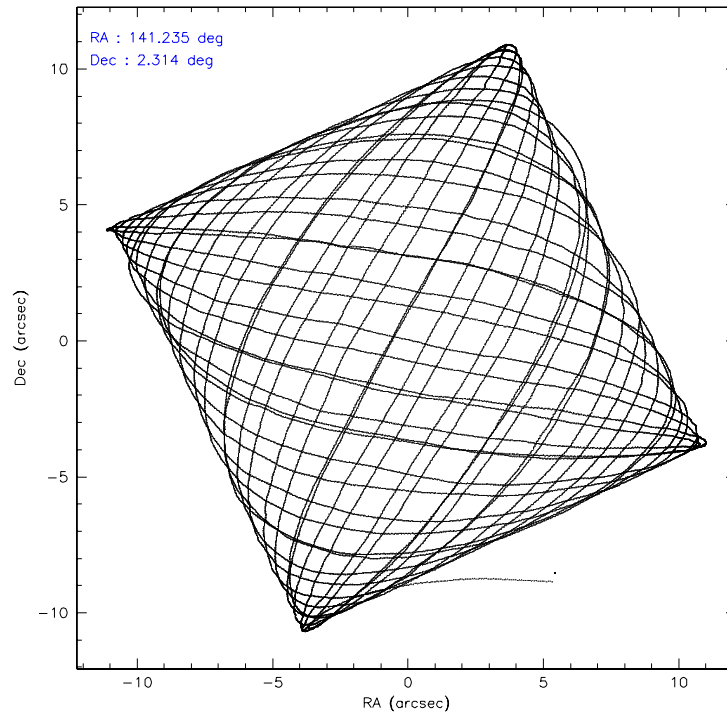
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	142593	142082	149099	195863	185110
rejected events	126911	126574	132705	127368	148941
rejected %	89%	89%	89%	65%	80%

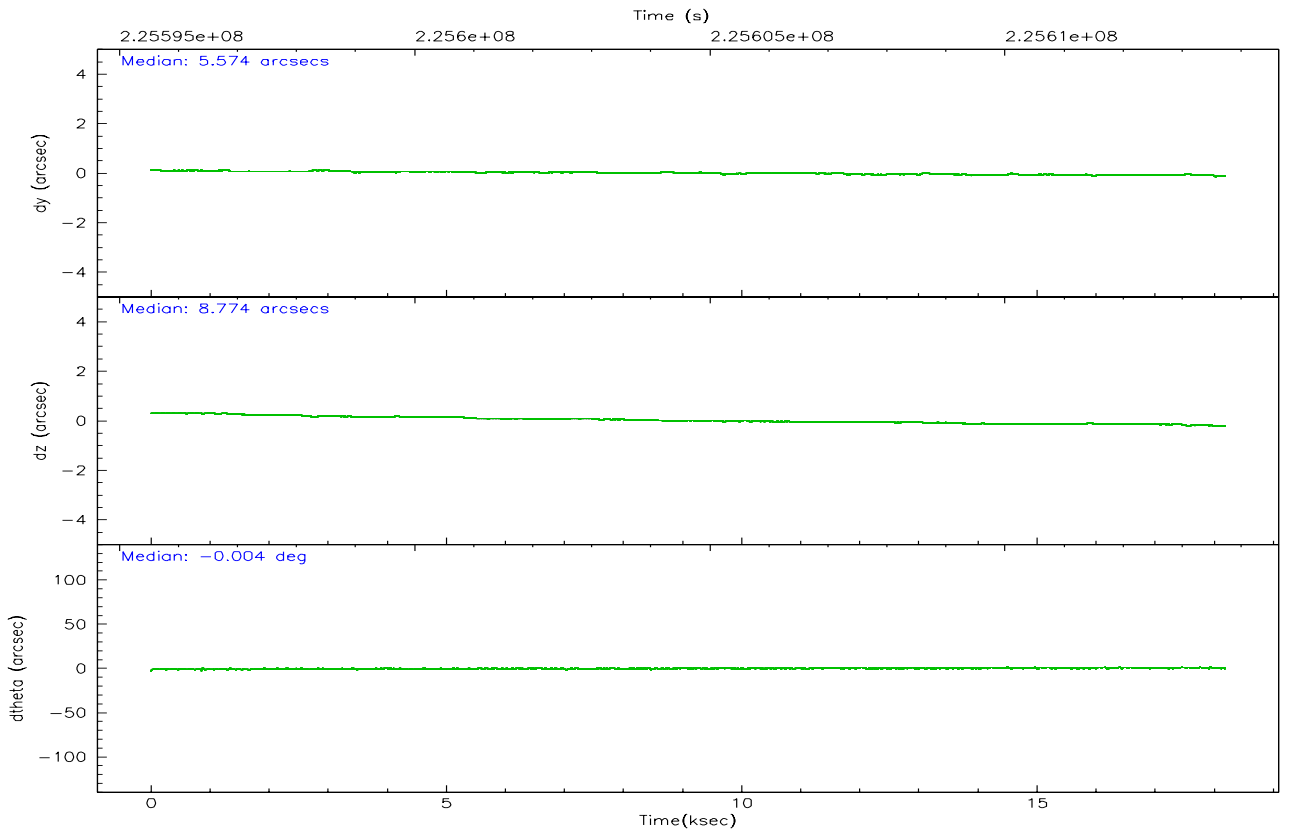
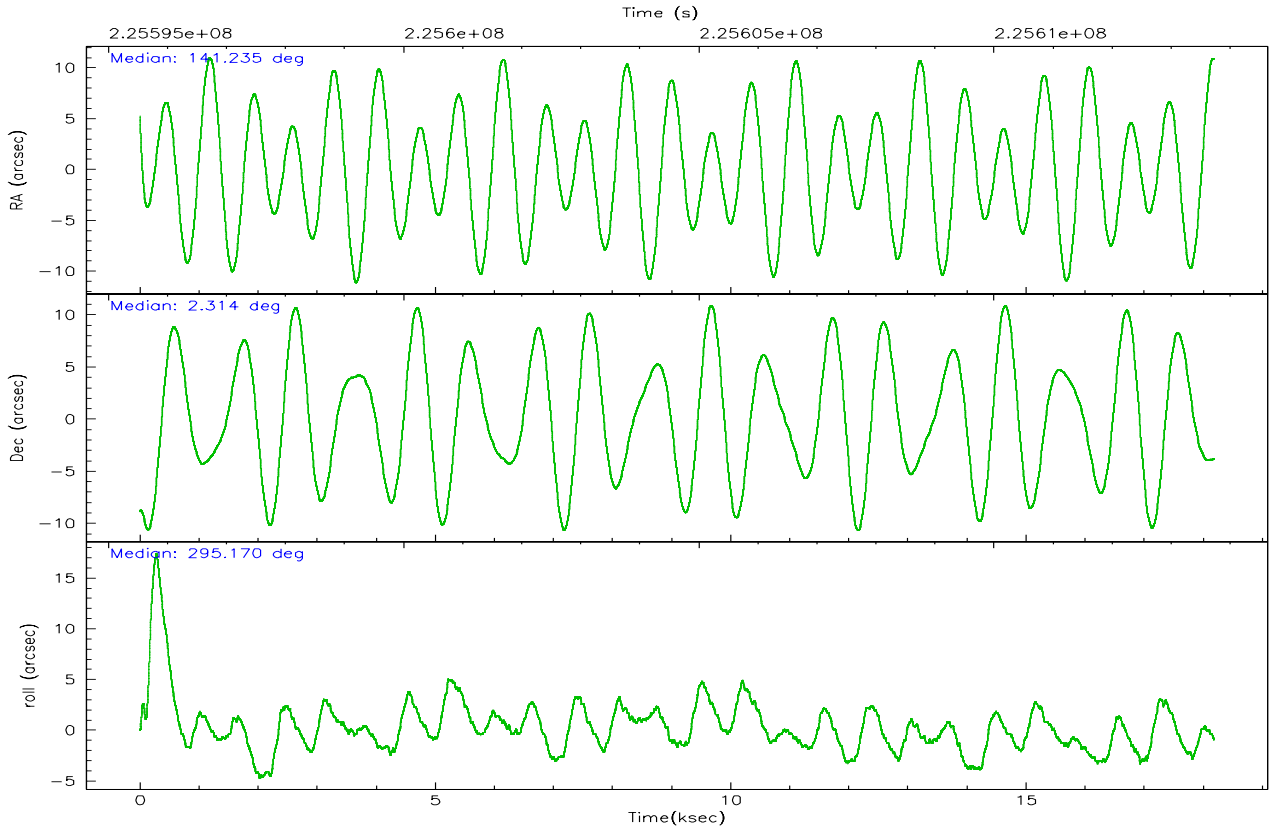
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	7505	7089	7009	4131	12311
	5%	4%	4%	2%	6%
grade 1 events	83	82	62	123	125
	0%	0%	0%	0%	0%
grade 2 events	3527	3326	3748	18682	8579
	2%	2%	2%	9%	4%
grade 3 events	1646	1729	1699	3733	4147
	1%	1%	1%	1%	2%
grade 4 events	1622	1729	1648	3596	3895
	1%	1%	1%	1%	2%
grade 5 events	5634	6672	6939	12944	8948
	3%	4%	4%	6%	4%
grade 6 events	2766	2897	3658	44233	10287
	1%	2%	2%	22%	5%
grade 7 events	119810	118558	124336	108421	136818
	84%	83%	83%	55%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	141.212851	141.2354372644087	Alternating exposures requested	N	N
Pointing Dec	2.329489	2.314241985477604	Primary exposure time	0.000000	3.1
Pointing Roll	295.022410	295.1781182436708			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	225595722.184000	225593943.34791			
Observation start date	2005-02-24T01:27:38	2005-02-24T00:59:03			
Observation end time	225613722.184000	225615419.66138			
Observation end date	2005-02-24T06:27:38	2005-02-24T06:56:59			
Read mode	TIMED	TIMED			

2.3 Aspect



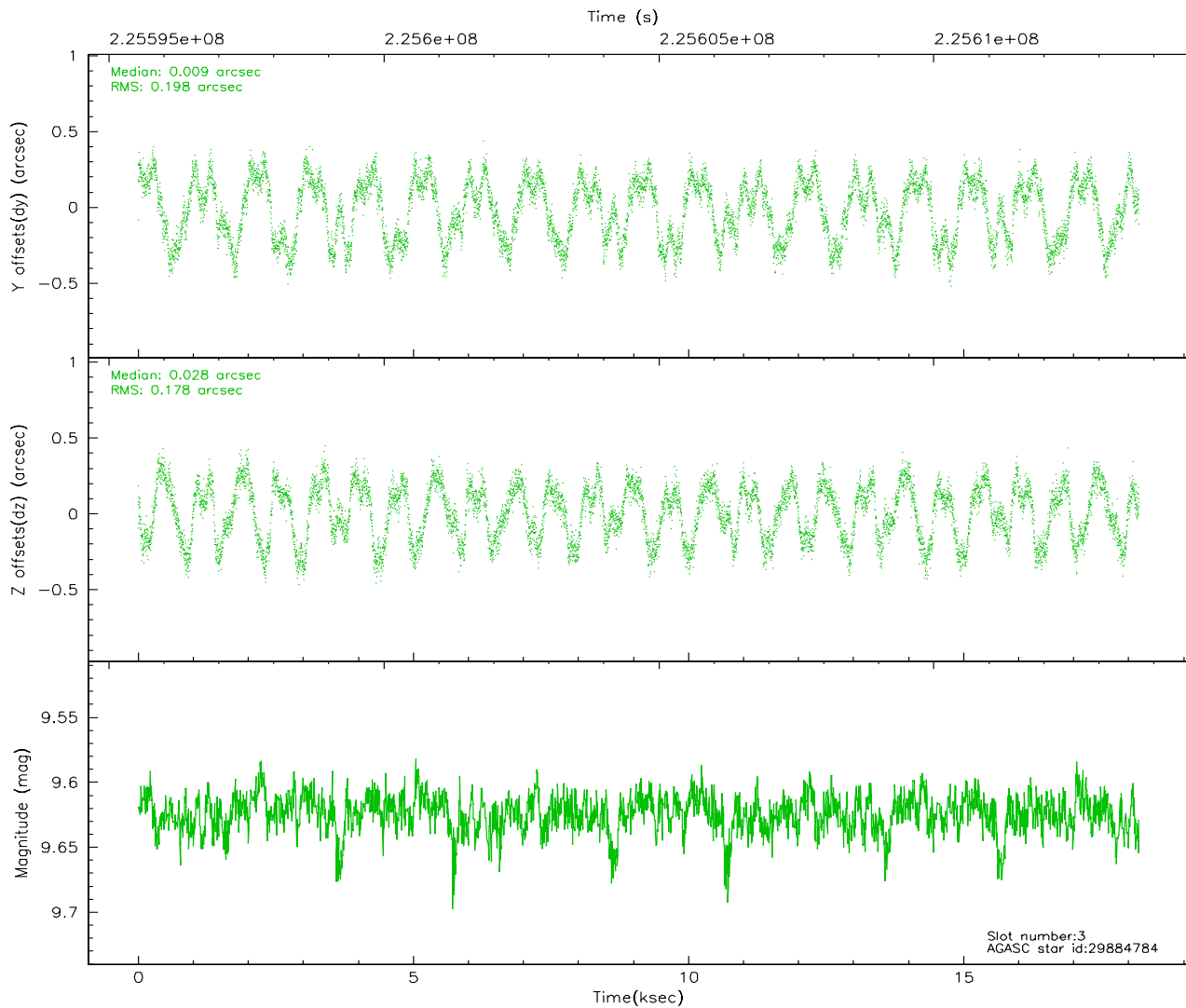
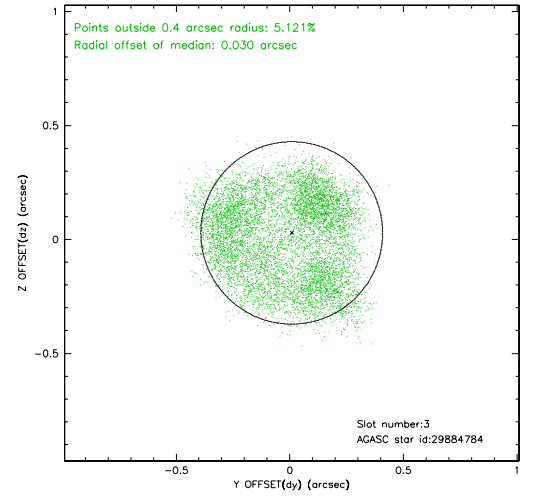
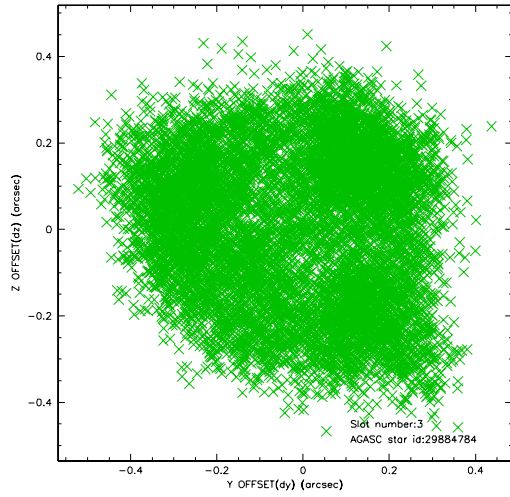


Slot Statistics

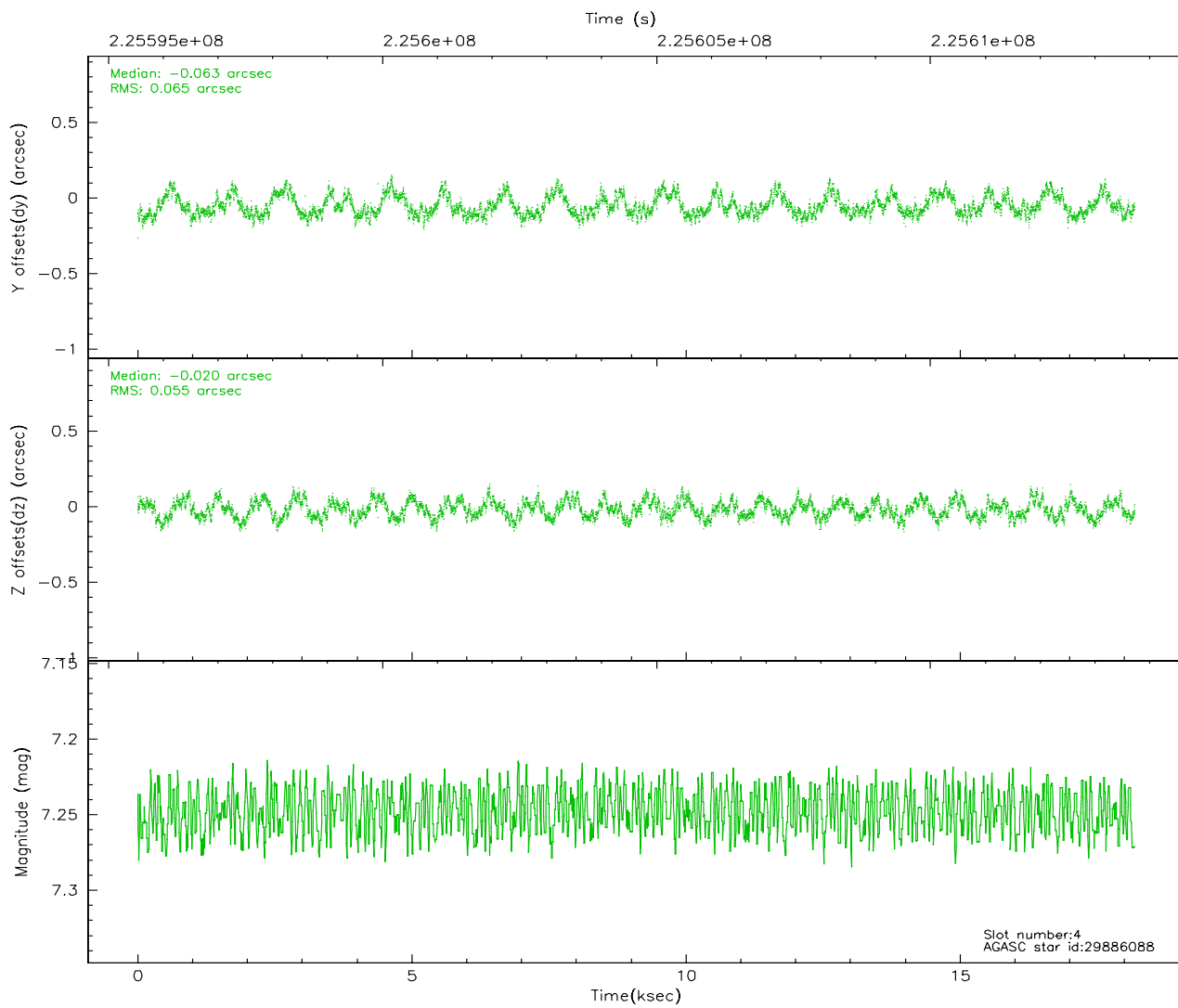
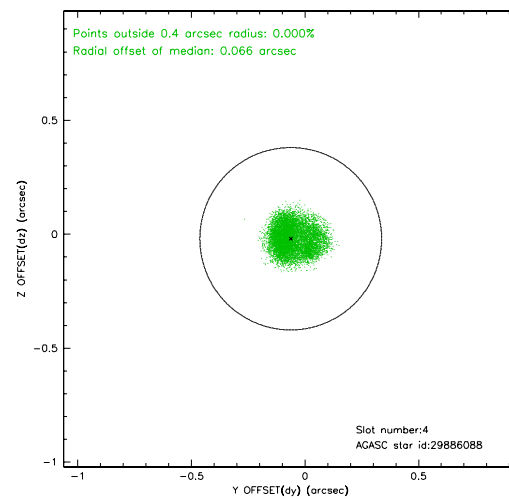
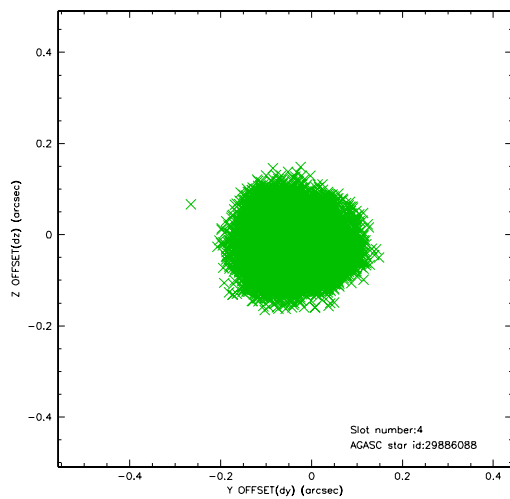
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4435	-0.043	-0.034	0.007	0.012	0.000000	0.000000	-758.34	-1730.00
1	FID	ACIS-S-4	7.21	4436	0.069	0.030	0.005	0.009	0.000000	0.000000	2154.96	178.31
2	FID	ACIS-S-5	7.23	4436	-0.057	0.013	0.007	0.012	0.000000	0.000000	-1810.90	172.23
3	GUIDE	29884784	9.62	8865	0.009	0.028	0.293	0.401	141.525924	2.331696	469.19	1024.04
4	GUIDE	29886088	7.25	8872	-0.063	-0.020	0.093	0.139	140.911389	2.409953	-720.95	-859.59
5	GUIDE	30288368	7.56	8873	-0.081	-0.077	0.120	0.180	141.501110	3.030300	-1848.29	2006.19
6	GUIDE	30288600	9.07	8870	0.081	-0.007	0.095	0.148	141.552019	2.678221	-621.91	1636.84
7	GUIDE	30290968	9.48	8866	0.065	0.096	0.096	0.153	140.928070	2.739309	-1769.98	-303.48

2.4 Star Slots

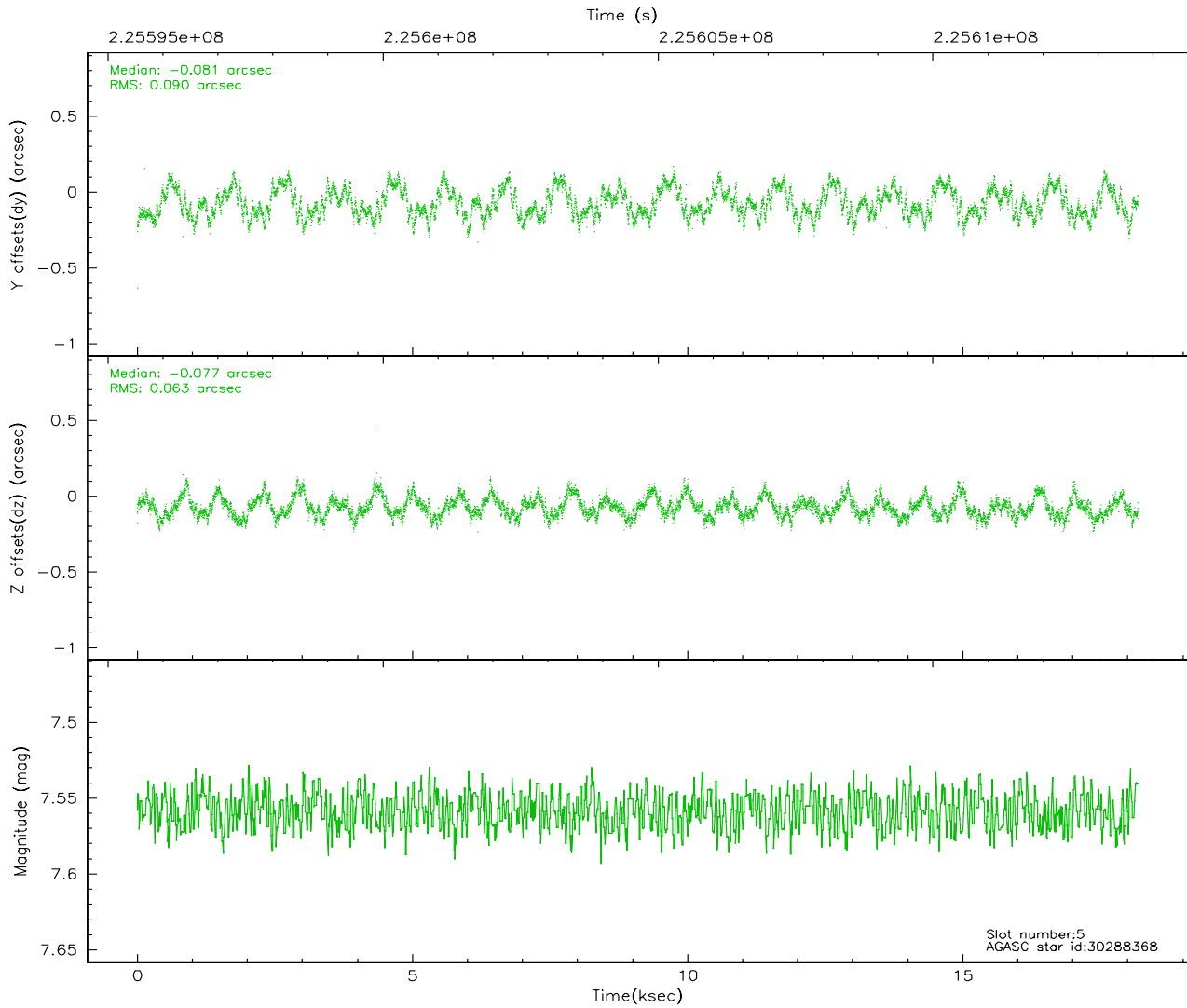
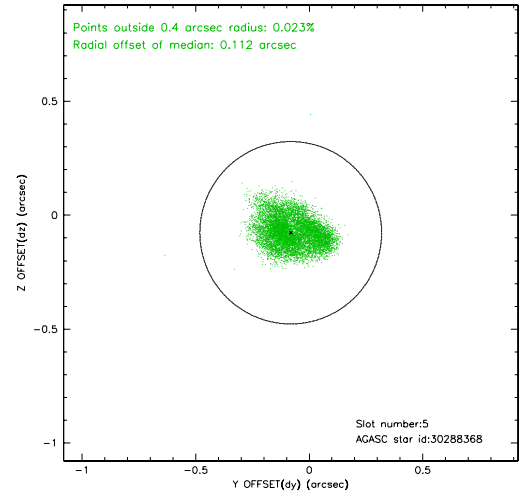
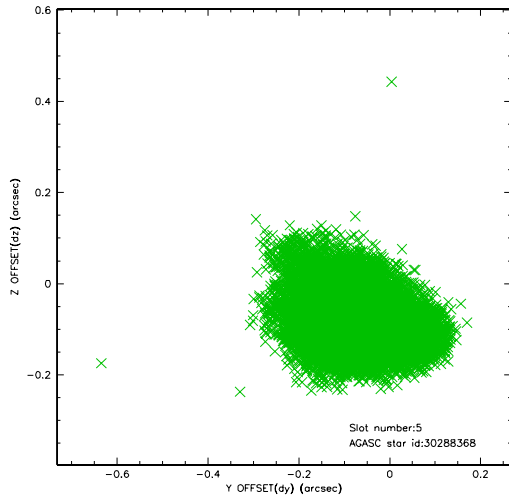
2.4.1 Slot 3



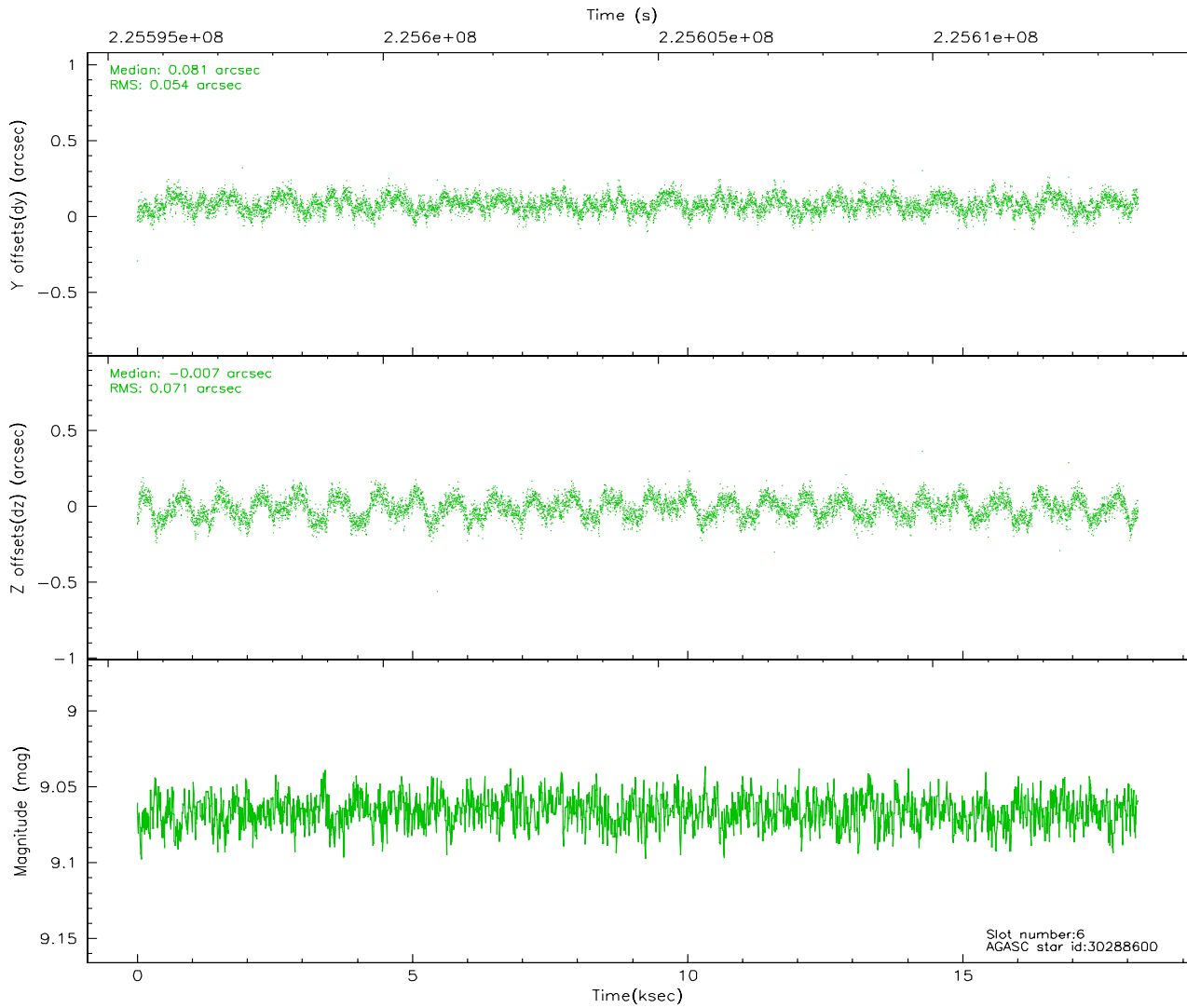
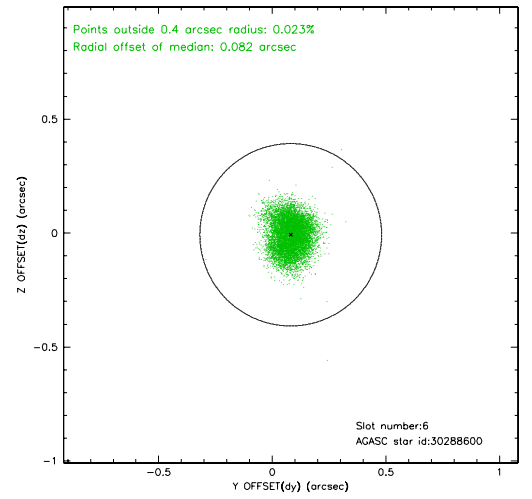
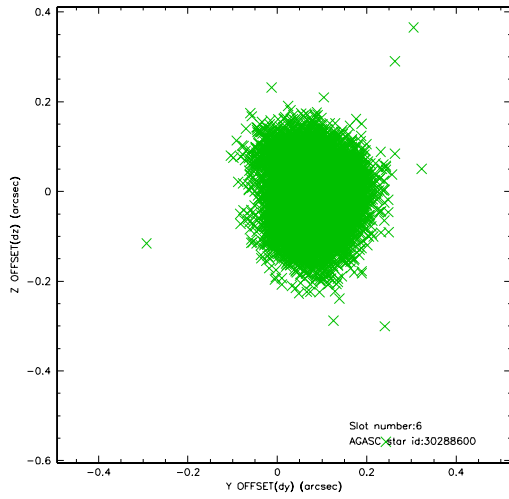
2.4.2 Slot 4



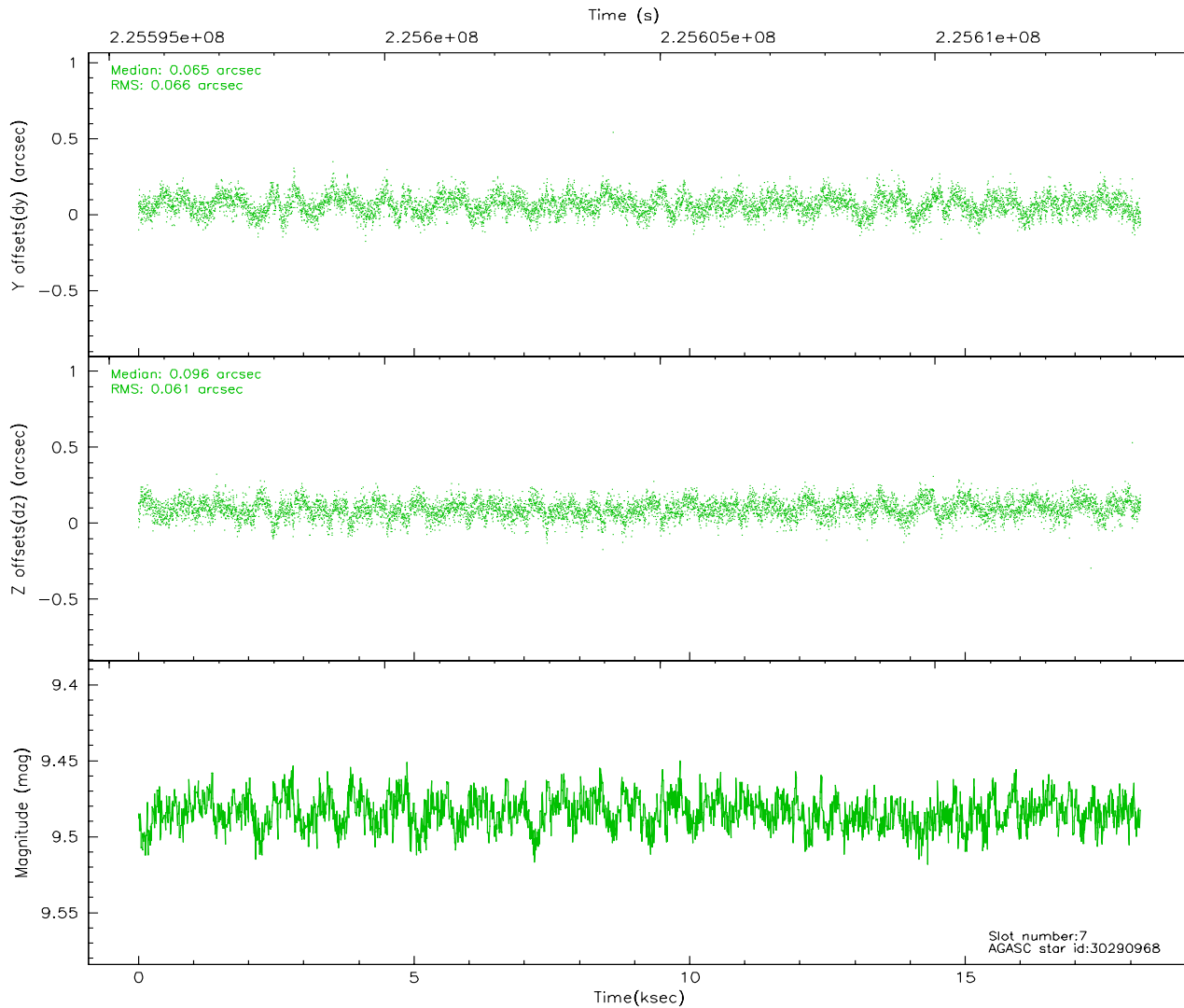
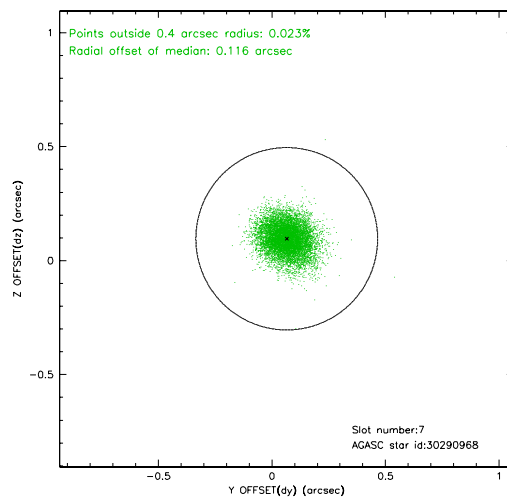
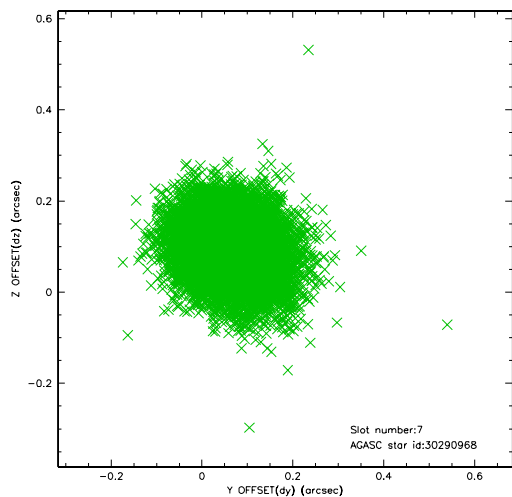
2.4.3 Slot 5



2.4.4 Slot 6

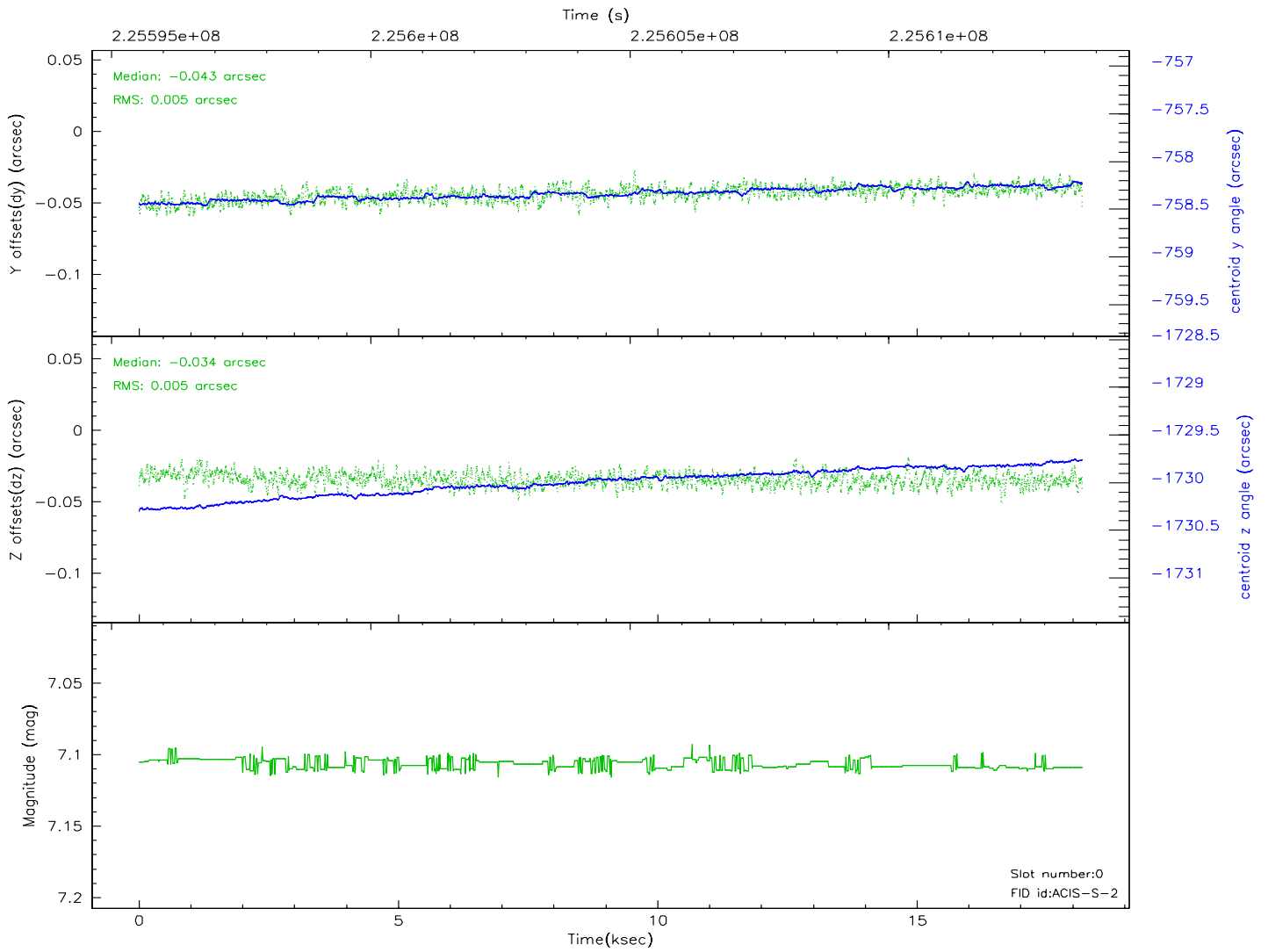
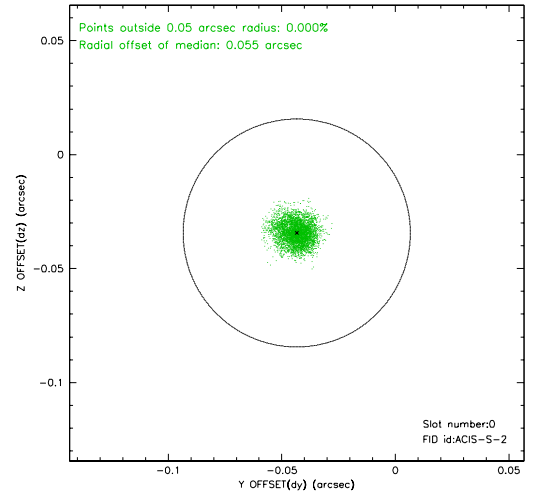
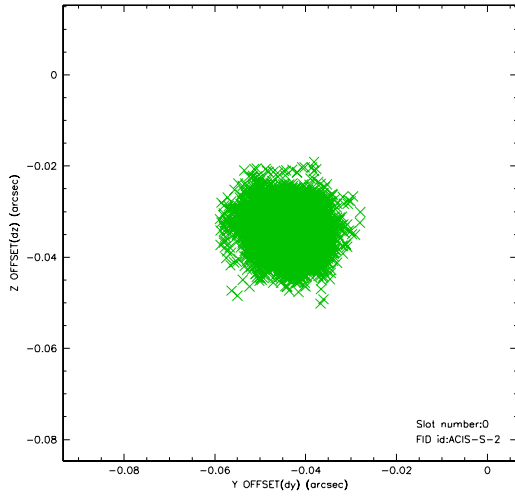


2.4.5 Slot 7

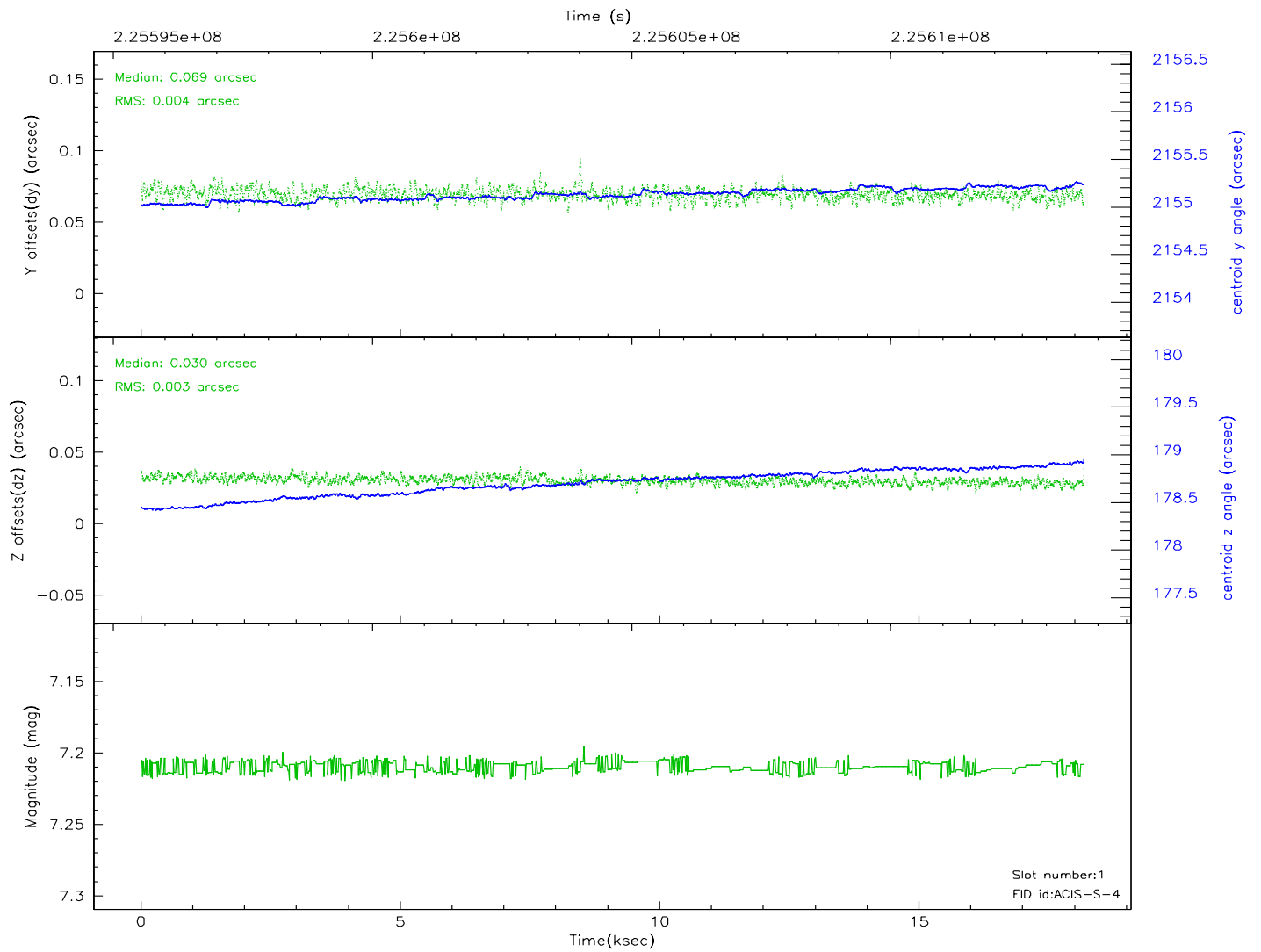
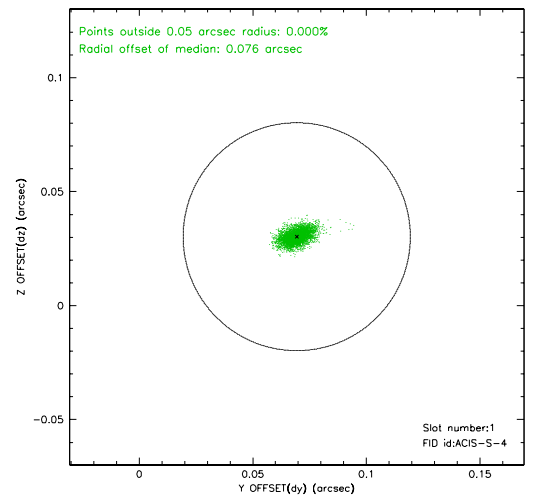
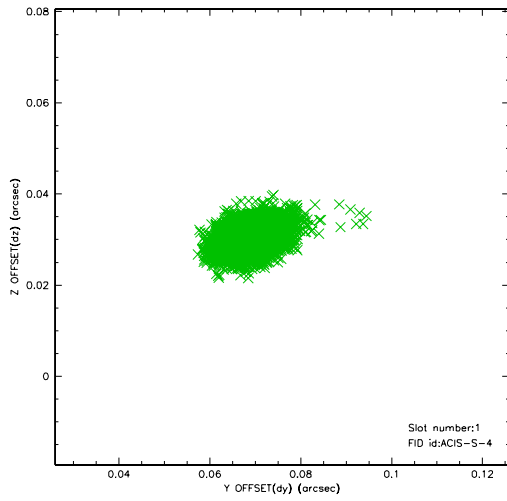


2.5 FID Slots

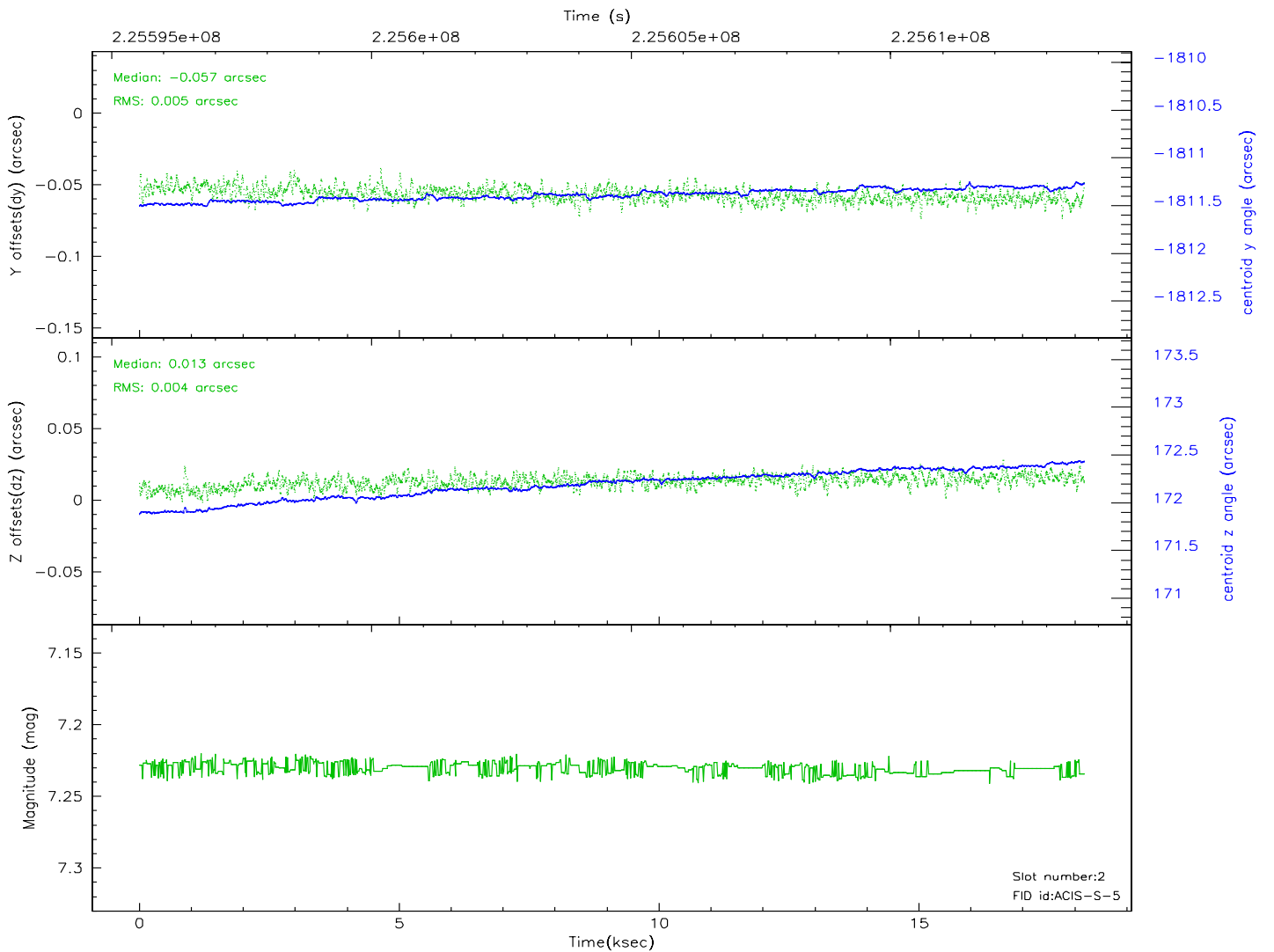
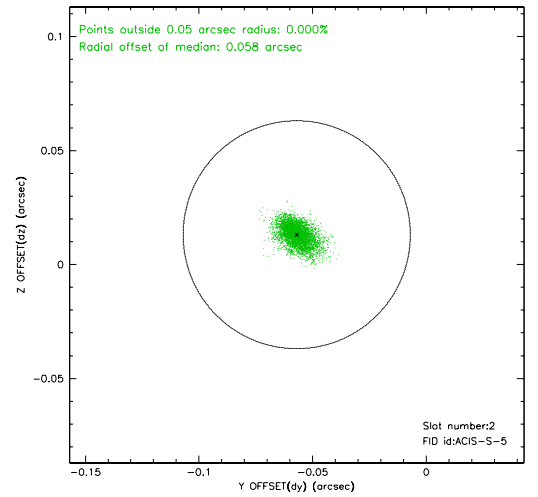
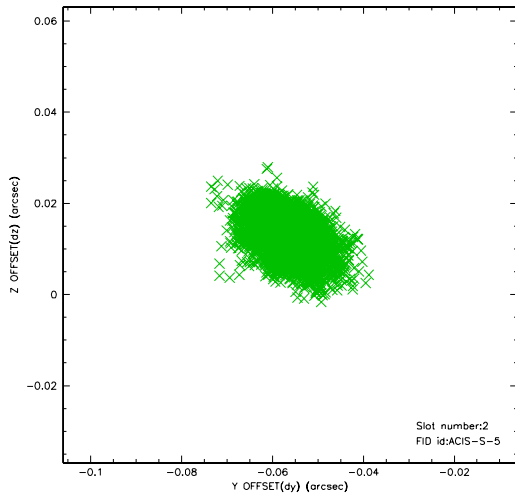
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

7.60 arcmin



4.70 arcmin



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.02.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.18149

A.2 Comments

Charge time:

Using existing charge time of 18.18149.