

V & V Reference Report
Draft 0.988
ASCDS Version : 7.5.3

Observation 5688 - L2 Version 001
Chandra X-Ray Center

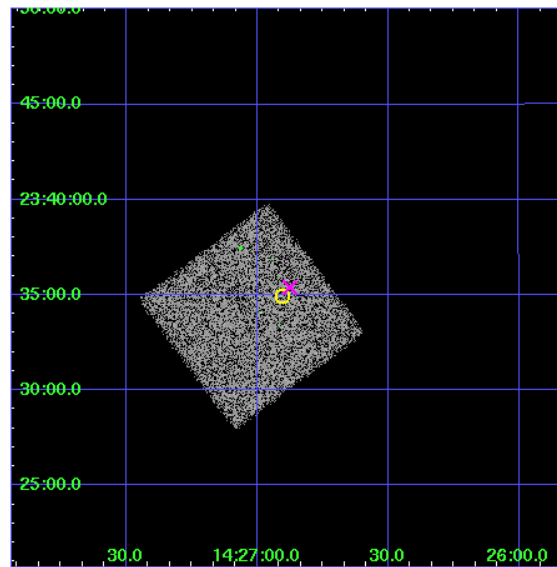
April 11, 2005

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1 Front

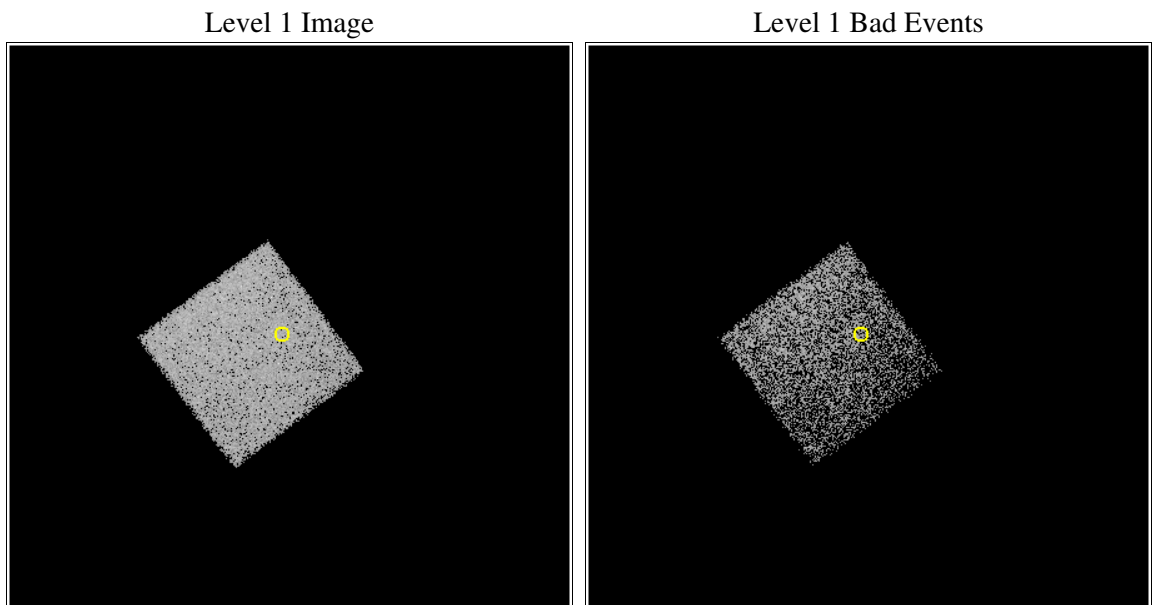
Parameter	Value
seq_num	701111
obs_id	5688
title	Bringing in the Last SHEEP
observer	Dr Kirpal Nandra
object	AX J1426.9+2334
dtcycle	0
cycle	P
ra_targ	216.72625
dec_targ	23.582778
ra_nom	216.71899403611
dec_nom	23.589874484529
roll_nom	143.15952679384
revision	1
ontime	5174.3999807239
livetime	5108.8786125183
ontime7	5174.3999807239
l2events	19616



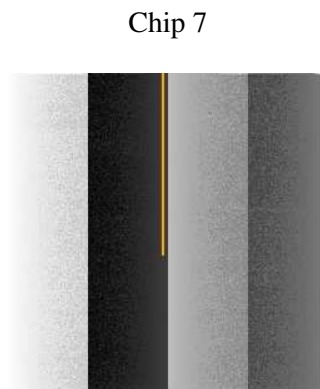
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

Parameter	Value
obi_num	1
ascdsver	7.5.3
caldbver	3.0.2
date	2005-04-11T10:00:14
revision	1

Parameter	Value
sched_exp_time	5000.000000
ontime	5211.5484572947
ontime7	5211.5484572947
l1events	52404

2.1.4 Events

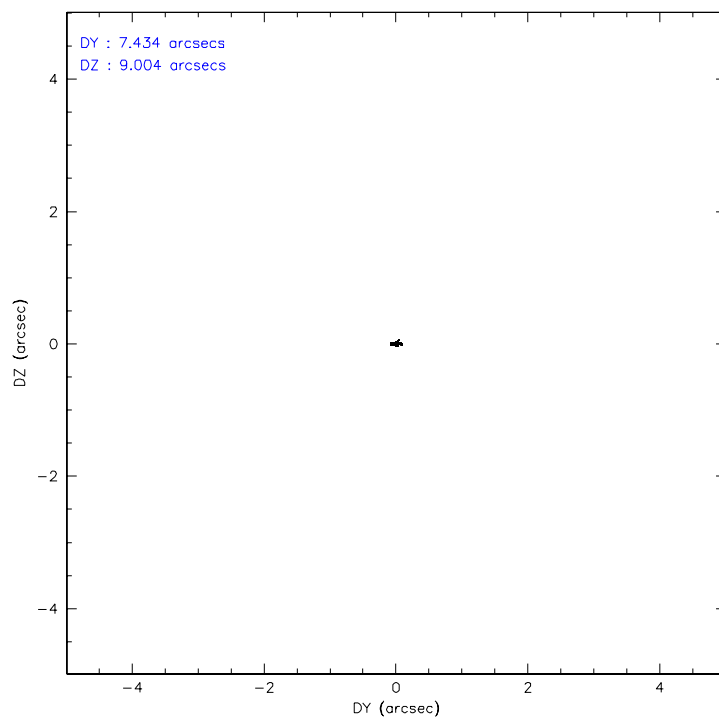
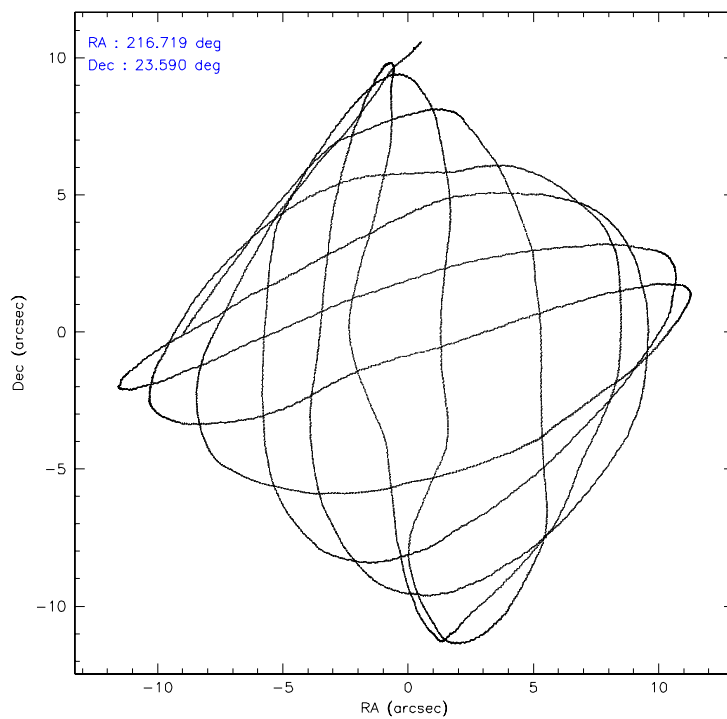
	ccd 7
level 1 events	52404
rejected events	32158
rejected %	61%

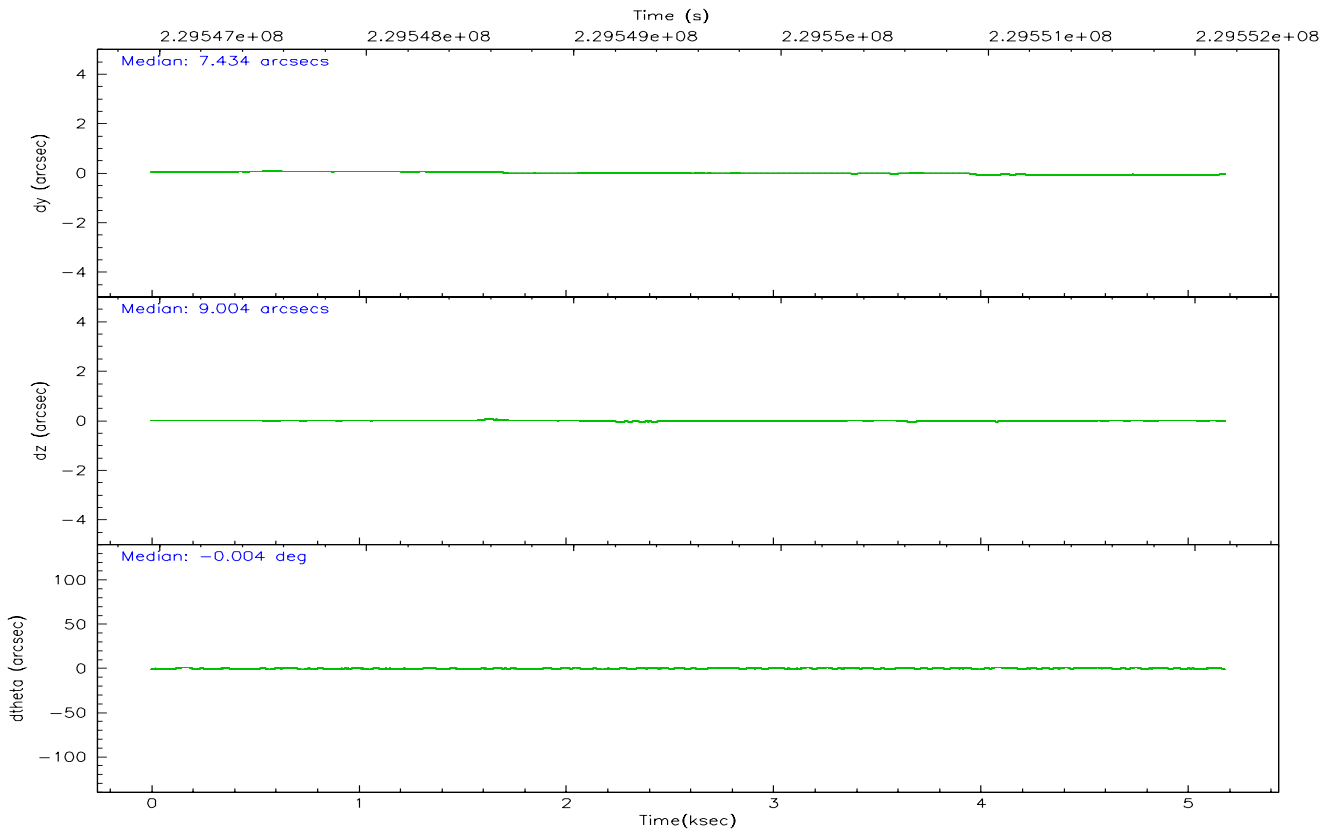
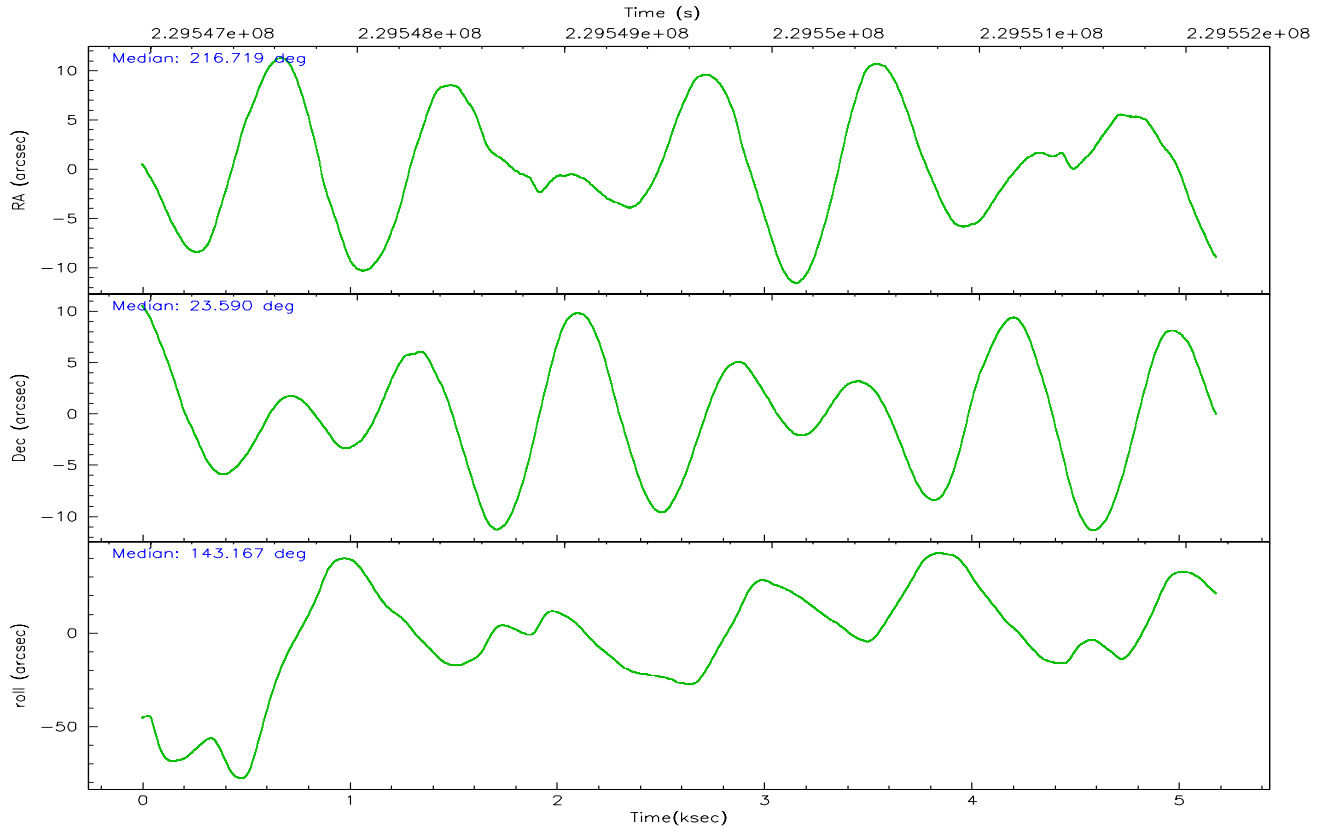
	ccd 7
grade 0 events	1186
	2%
grade 1 events	25
	0%
grade 2 events	5098
	9%
grade 3 events	1056
	2%
grade 4 events	1020
	1%
grade 5 events	3429
	6%
grade 6 events	12020
	22%
grade 7 events	28570
	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	On-chip summing requested	N	N
Detector	ACIS-7	ACIS-7	Subarray requested	NONE	NONE
Grating	NONE	NONE	Alternating exposures requested	N	N
Data mode	FAINT	FAINT	Primary exposure time	0.000000	3.2
Observation mode	POINTING	POINTING			
Pointing RA	216.748593	216.7189940361114			
Pointing Dec	23.586961	23.58987448452891			
Pointing Roll	142.991064	143.159526793844			
SIM defocus (mm)	0.000000	0.001444936568705701			
SIM translation stage offset (mm)	0.000000	0.01257209746719923			
Observation start time	229547139.184000	229546376.32721			
Observation start date	2005-04-10T19:04:35	2005-04-10T18:52:56			
Observation end time	229552139.184000	229552677.00249			
Observation end date	2005-04-10T20:27:55	2005-04-10T20:37:57			
Read mode	TIMED	TIMED			

2.3 Aspect



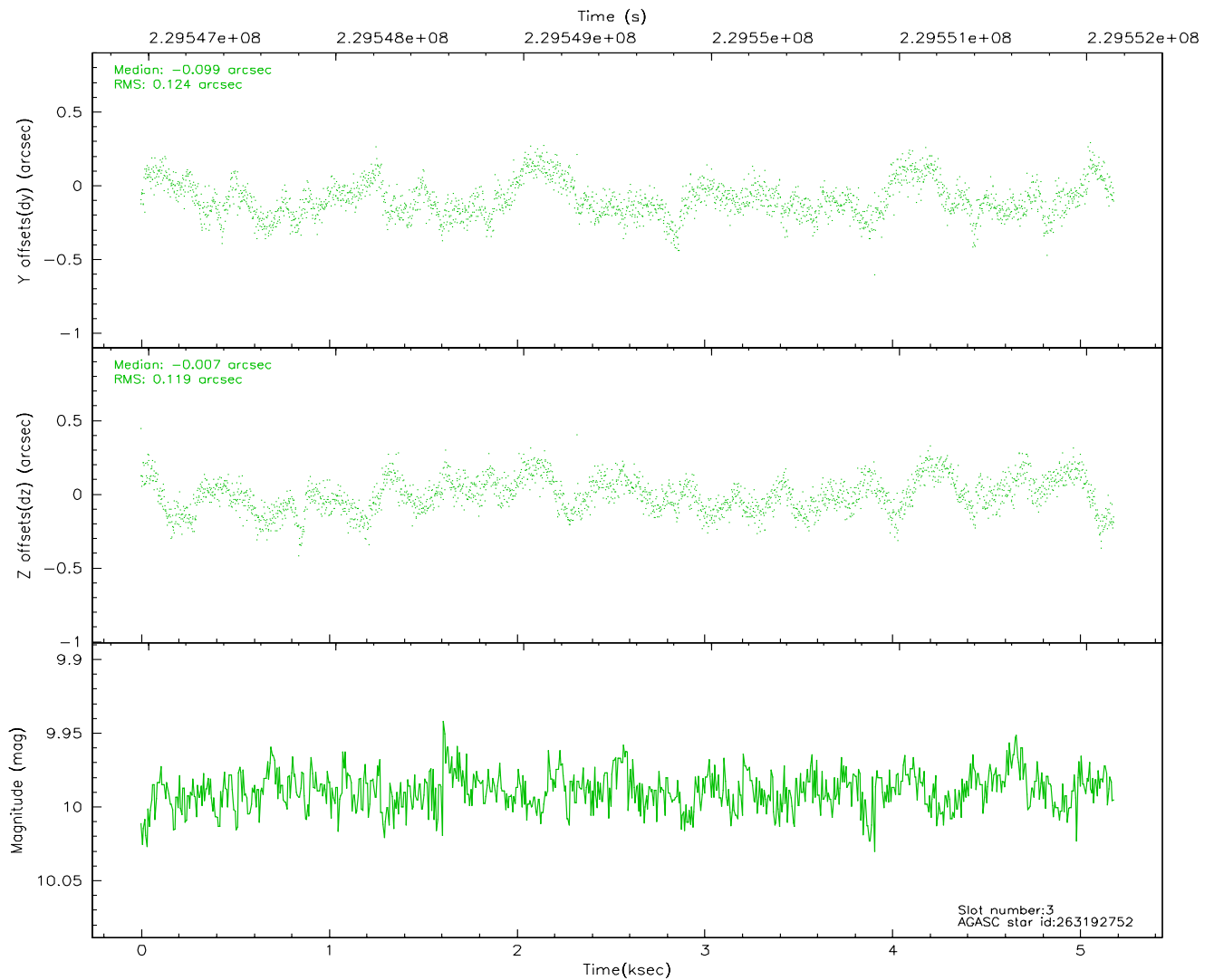
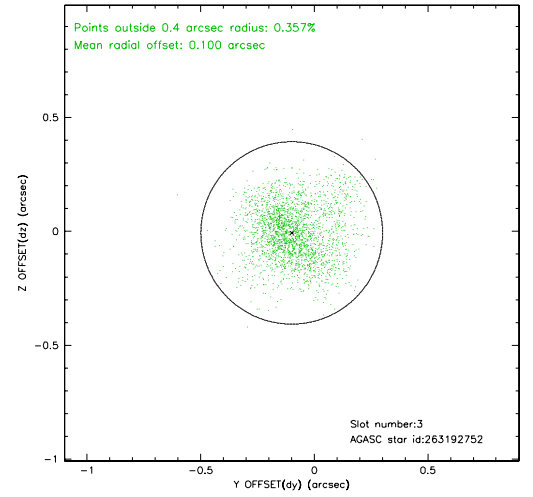
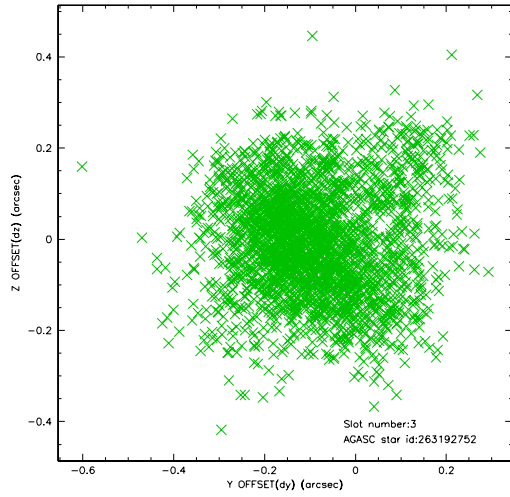


Slot Statistics

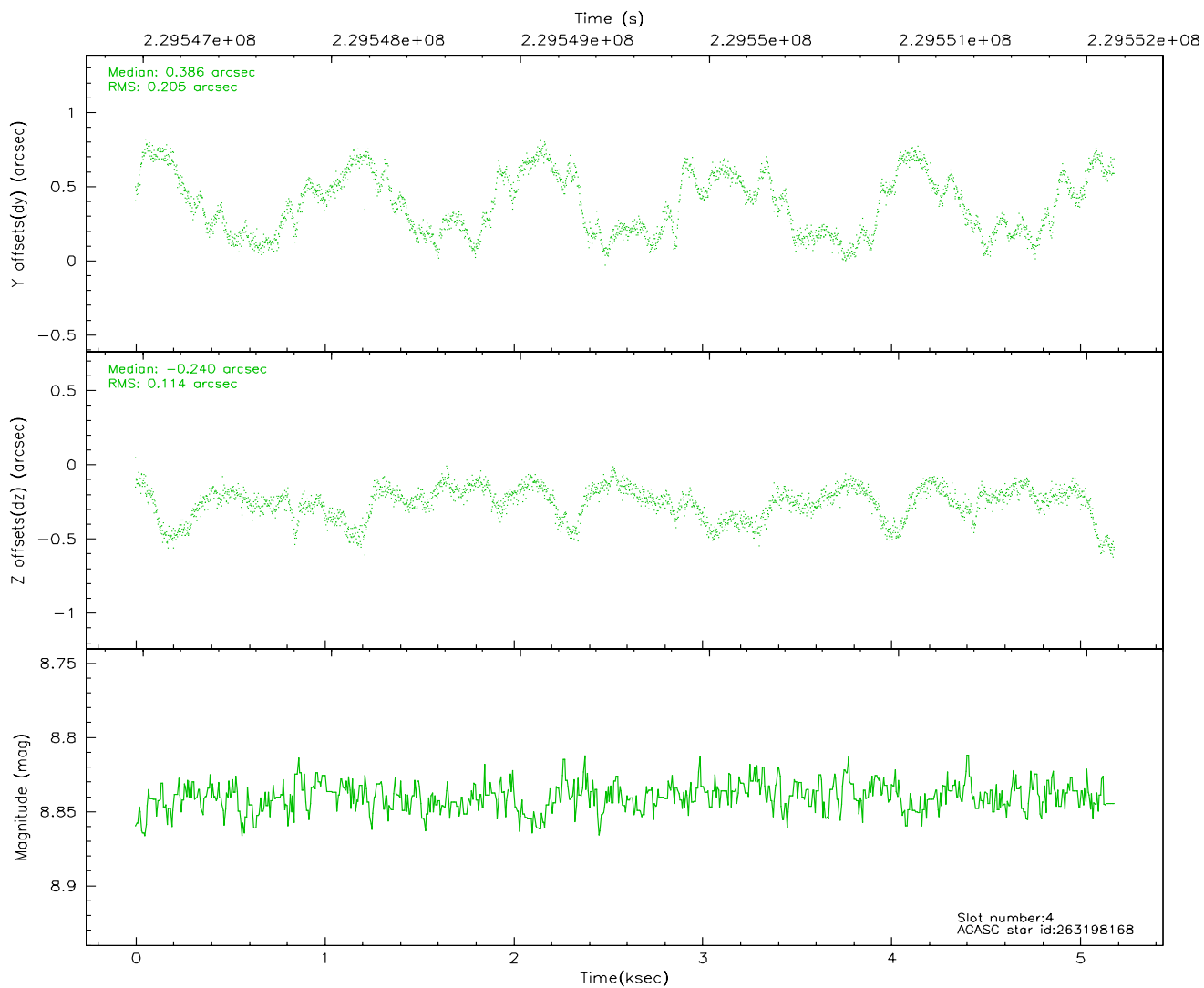
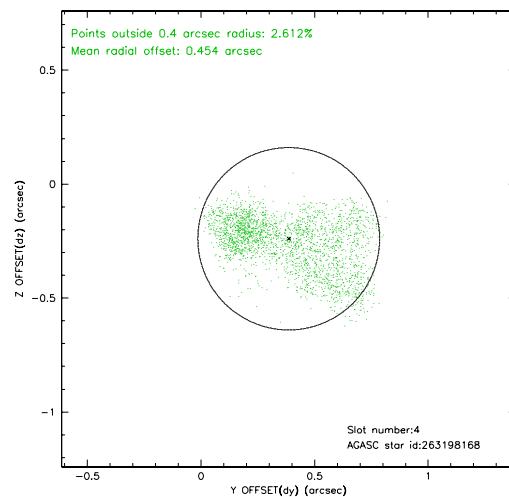
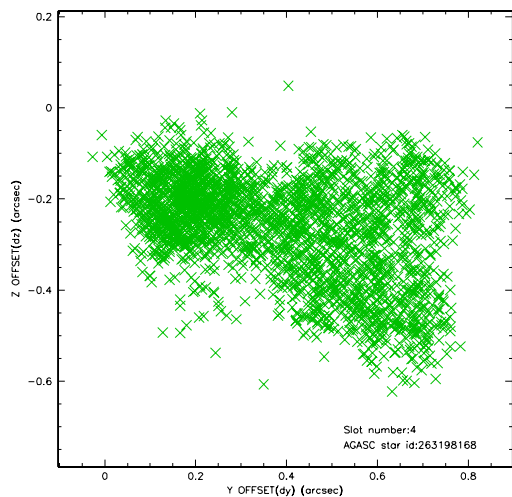
Value												
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1264	-0.013	-0.015	0.007	0.011	0.000000	0.000000	-760.20	-1730.14
1	FID	ACIS-S-4	7.21	1264	0.034	0.011	0.005	0.009	0.000000	0.000000	2152.58	177.18
2	FID	ACIS-S-5	7.23	1264	-0.052	0.013	0.006	0.010	0.000000	0.000000	-1811.59	172.16
3	GUIDE	263192752	9.99	2523	-0.099	-0.007	0.183	0.303	216.329100	23.678864	1304.22	566.67
4	GUIDE	263198168	8.84	2527	0.386	-0.240	0.261	0.374	216.844674	22.716629	-2140.16	2310.31
5	GUIDE	263199776	10.44	2527	0.010	0.044	0.271	0.427	216.935417	23.215957	-1298.58	695.44
6	ERROR	263201496	11.33	2272	0.050	0.304	0.628	5.740	216.615423	23.933850	1100.84	-732.65
7	GUIDE	263198776	11.01	2476	-0.315	0.042	0.446	0.803	216.143860	23.775437	2001.67	653.75

2.4 Star Slots

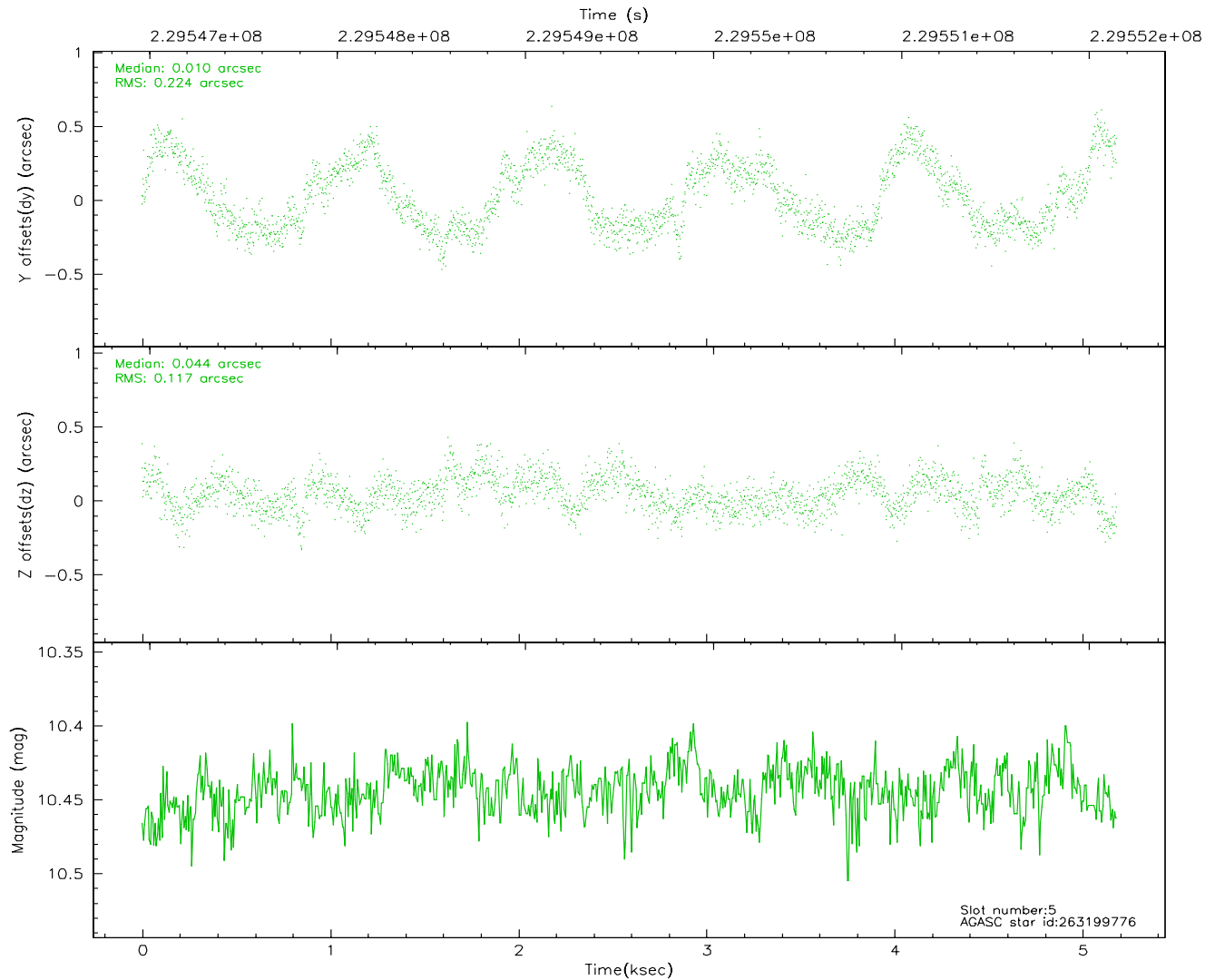
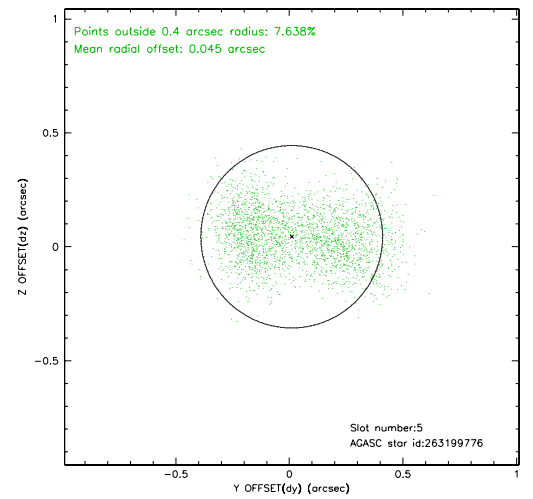
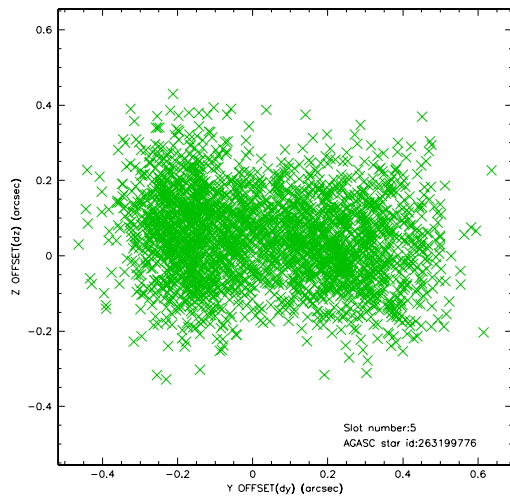
2.4.1 Slot 3



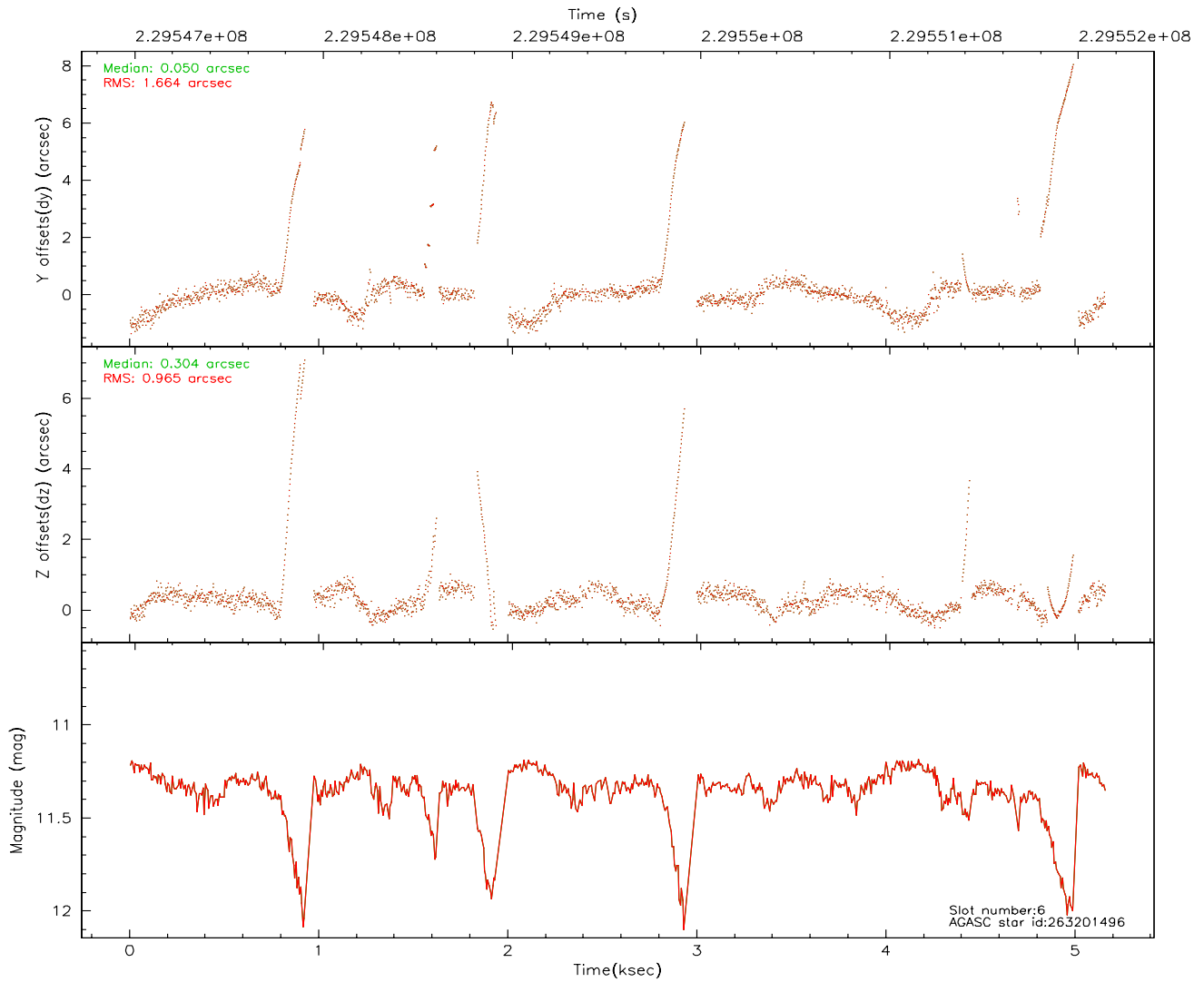
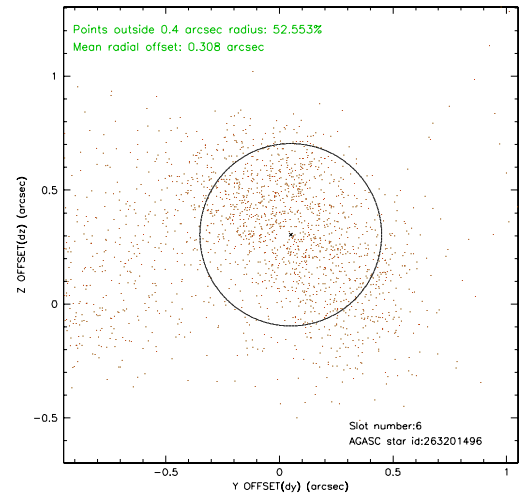
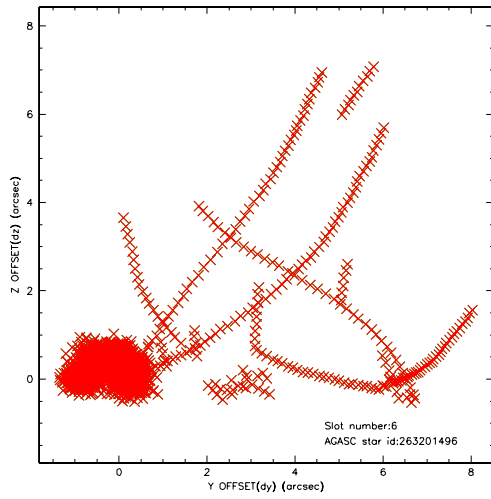
2.4.2 Slot 4



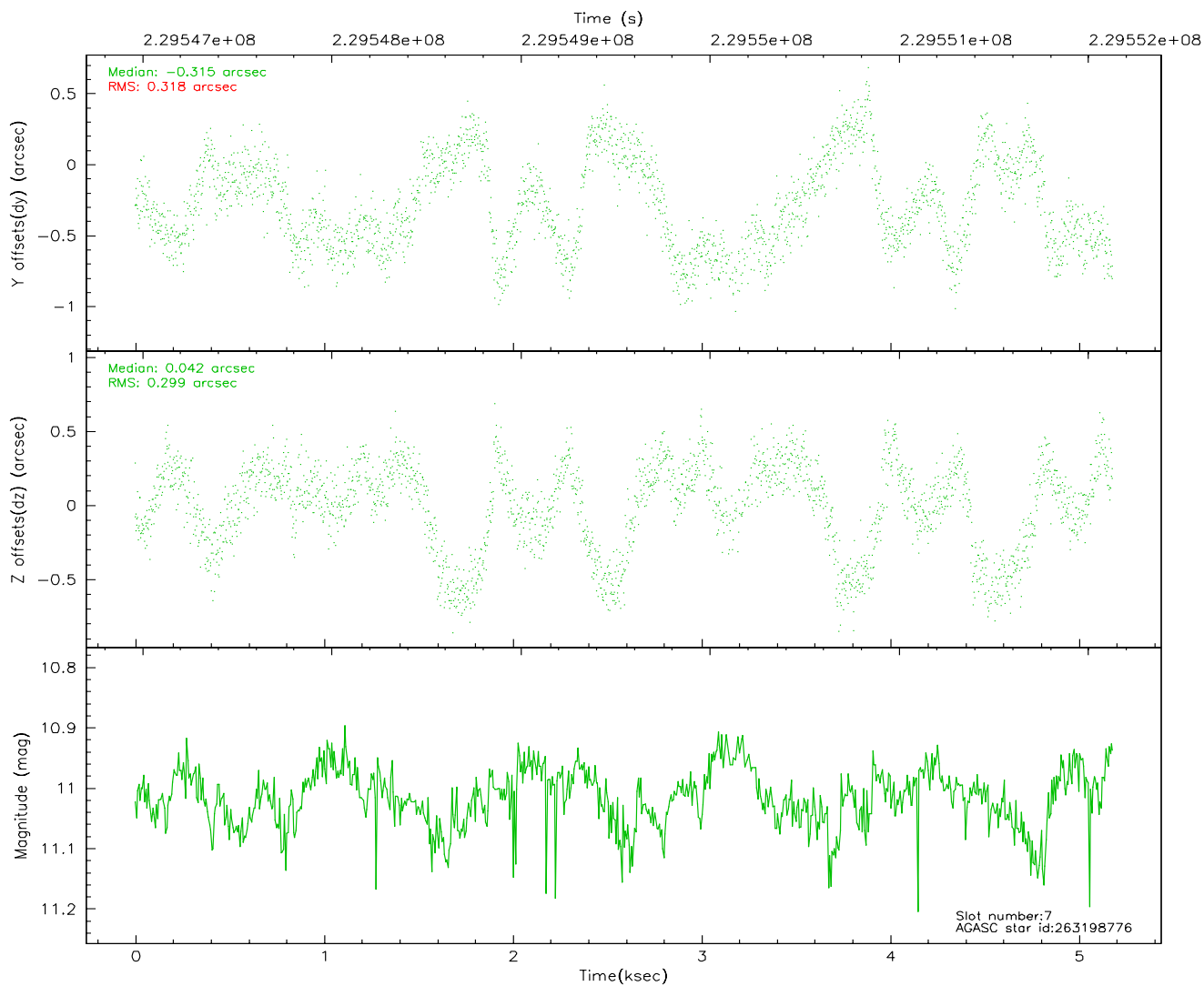
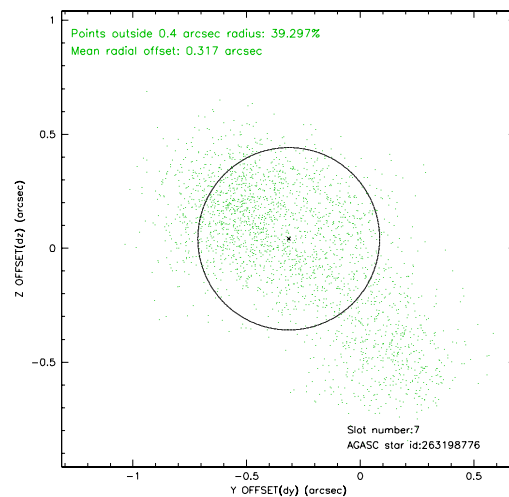
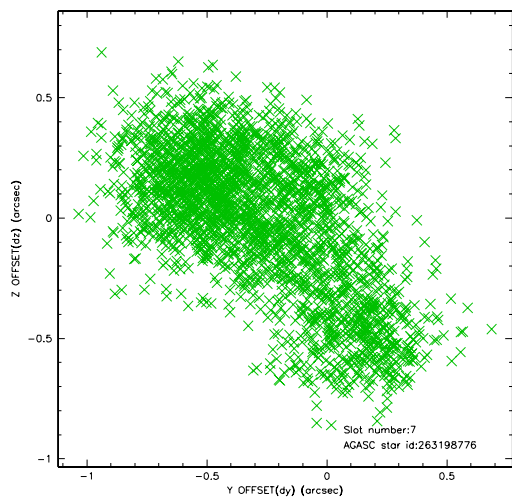
2.4.3 Slot 5



2.4.4 Slot 6

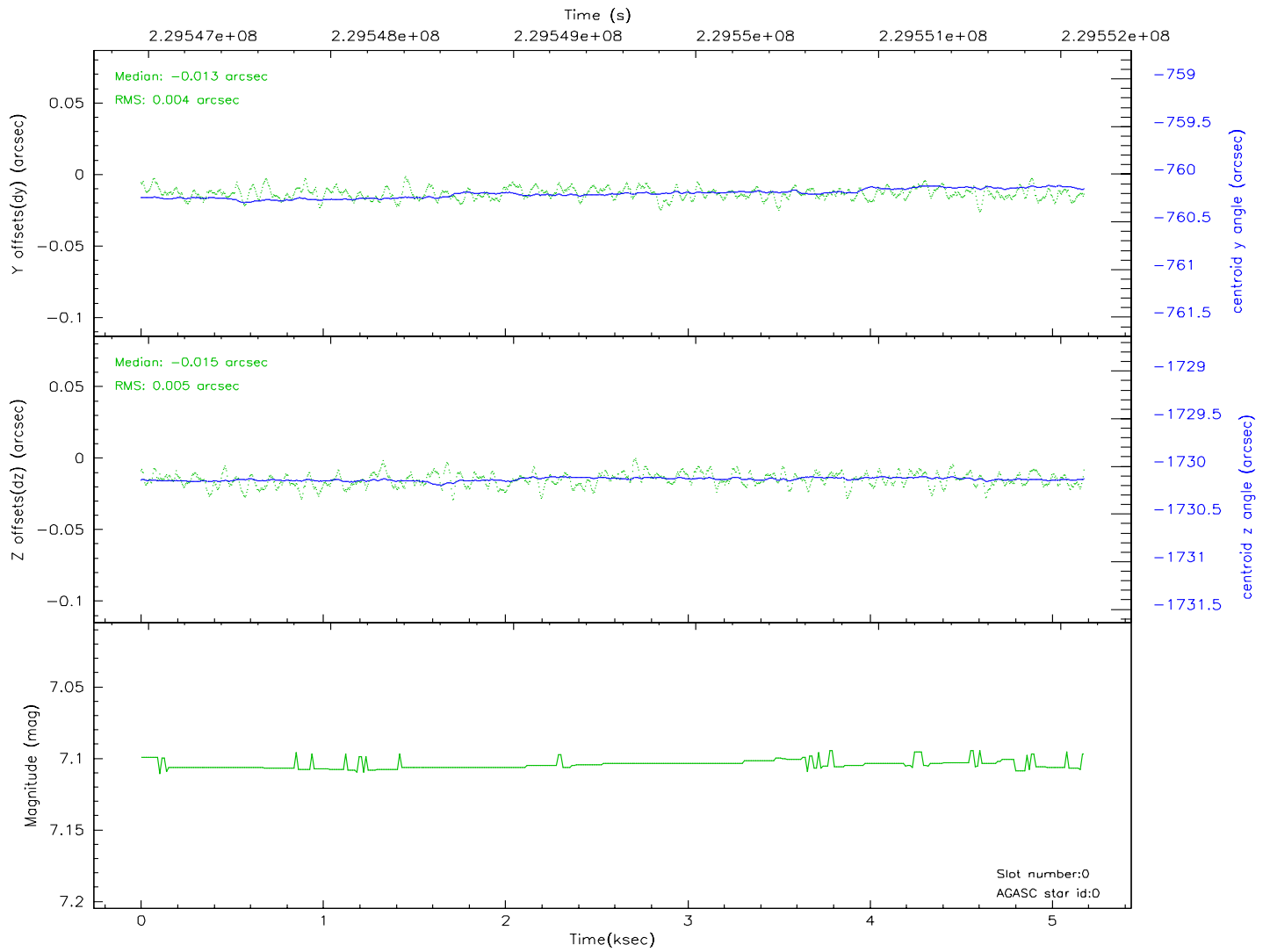
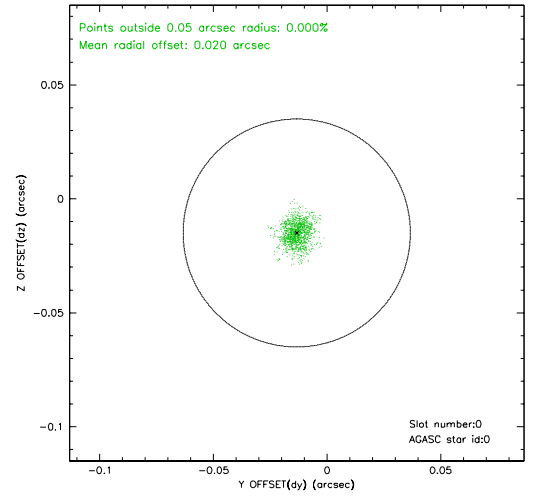
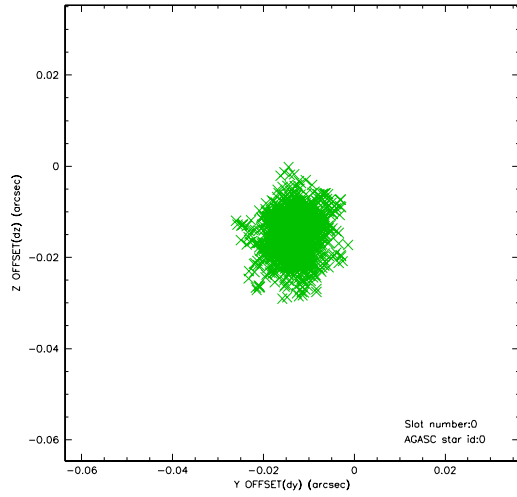


2.4.5 Slot 7

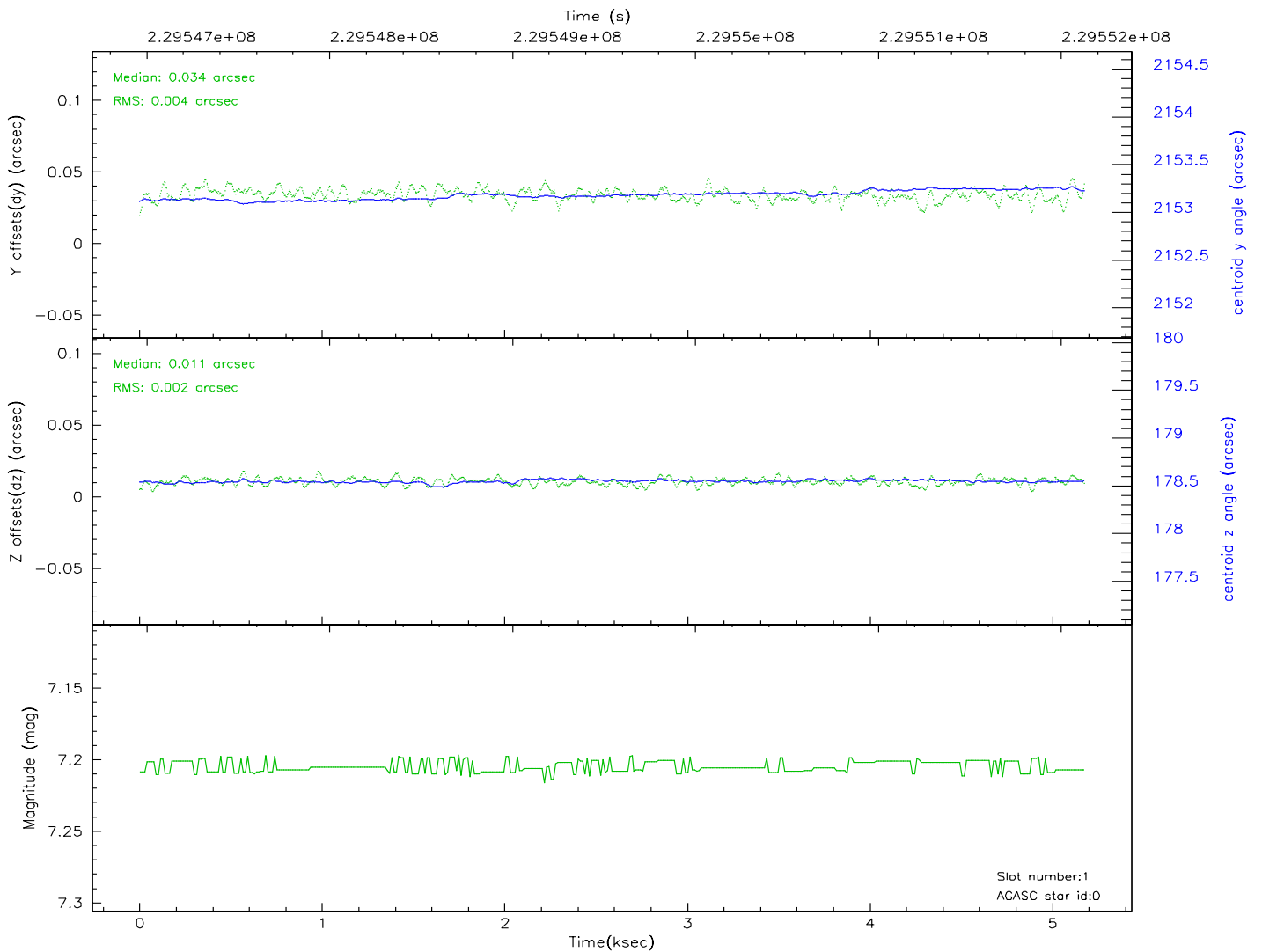
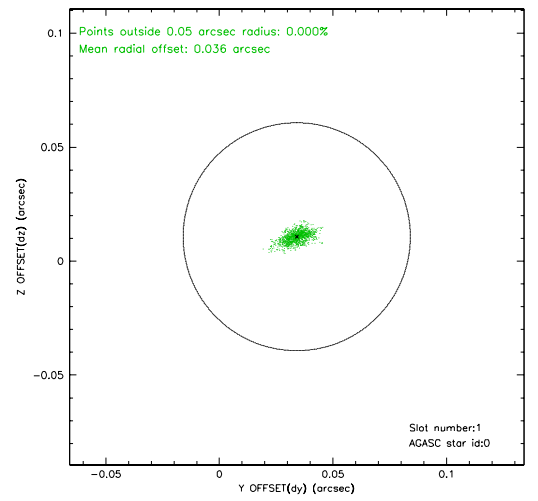
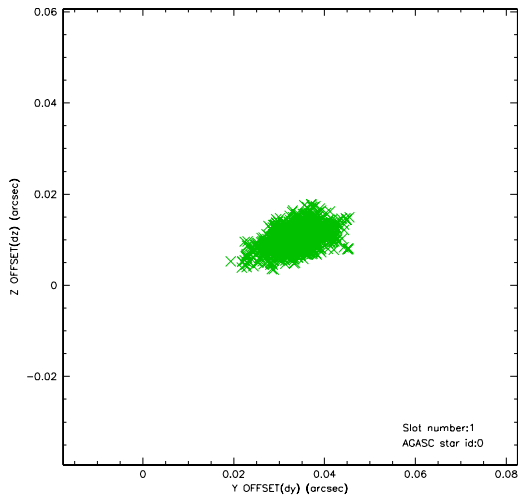


2.5 FID Slots

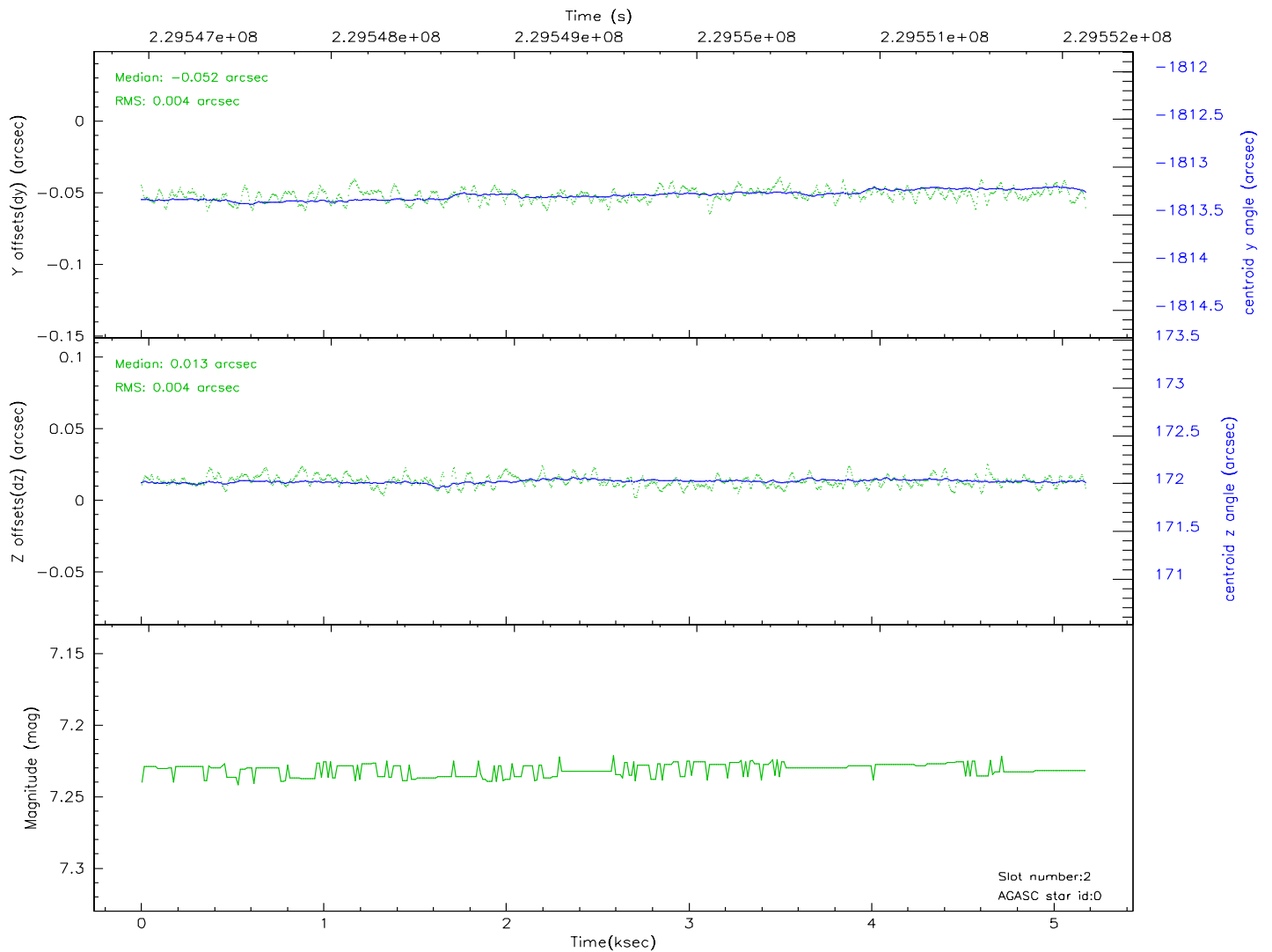
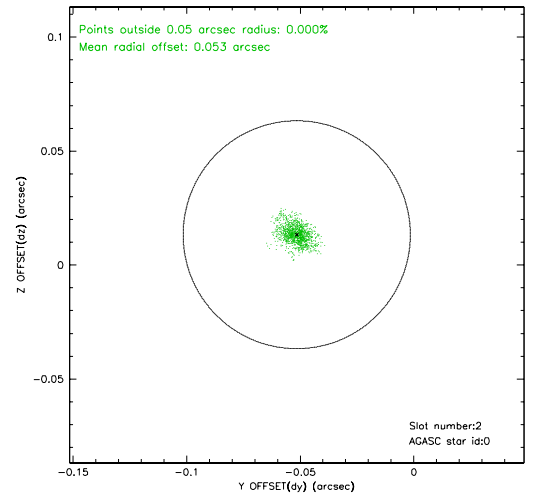
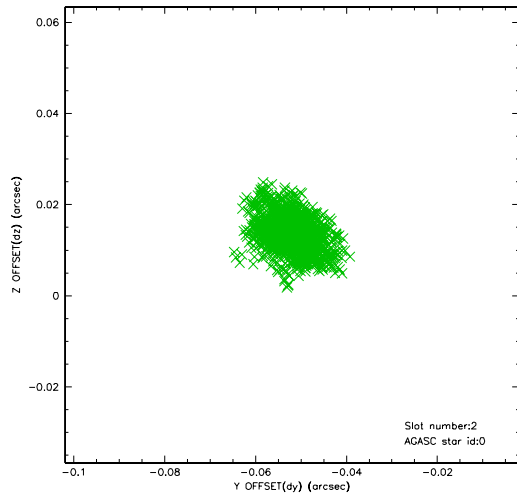
2.5.1 Slot 0



2.5.2 Slot 1

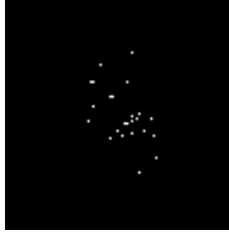


2.5.3 Slot 2



3 Point Sources

3.26 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
Date (YYYY-MM-DD)	2005.04.11
V&V Edition	1
V&V Disposition and Status	ReprNoDD
V&V Charge Time	

A.2 Comments

Please reprocess without slot 7.

Comments for Obi 1

Star in slot 6 has an RMS deviation > 0.400000 arcsec

Star in slot 6 has deviations > 0.050000 for more than 0.251761% of the observation

Star in slot 7 has an RMS deviation > 0.250000 arcsec