

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6156 - L2 Version 002
Chandra X-Ray Center

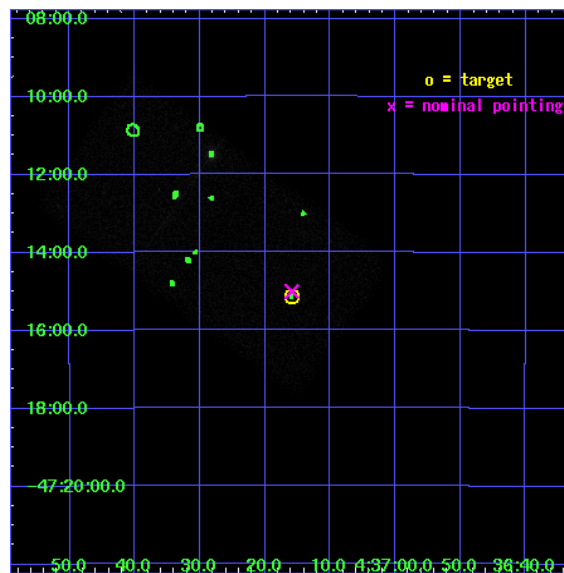
L2 Processing Date: Mar 2 2006

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1 Front

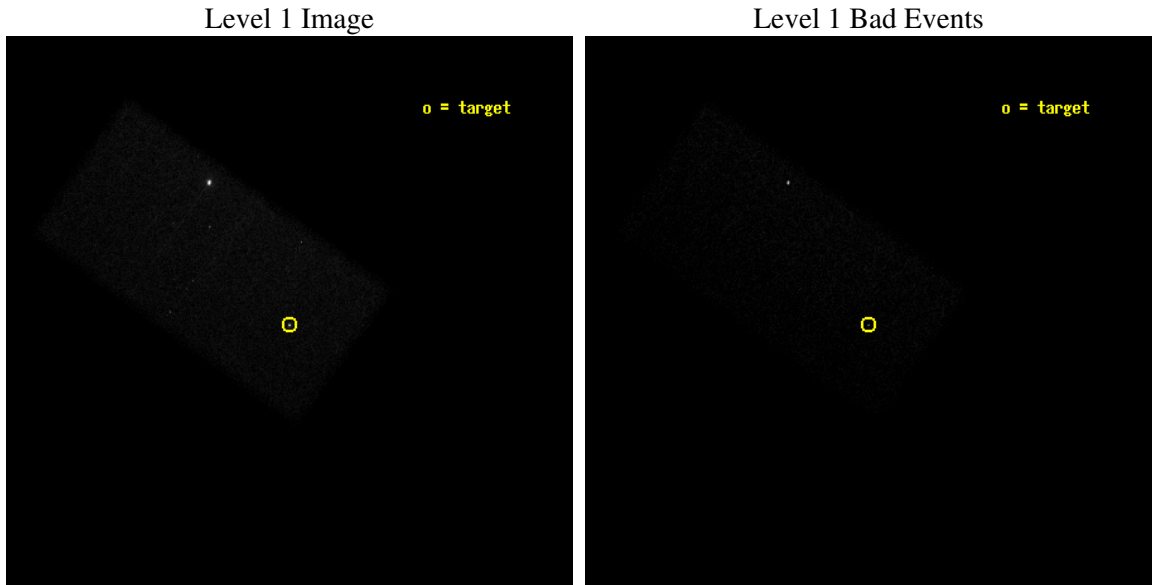
seq_num	590417
obs_id	6156
title	Calibrating Pile-up in ACIS Imaging Data with PSRJ0437-4715
observer	Dr. CXC Calibration
object	PSR J0437-4715
dtcycle	0
cycle	P
ra_targ	69.315833
dec_targ	-47.252333
ra_nom	69.316218874469
dec_nom	-47.250102009365
roll_nom	215.54115921654
revision	2
ontime	25183.5
livetime	24512.828998598
ontime7	25183.5
l2events	81753



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-03-02T10:24:51
revision	2

sched_exp_time	25000.000000
ontime	25192.620076567
ontime7	25192.620076567
l1events	166616

2.1.4 Events

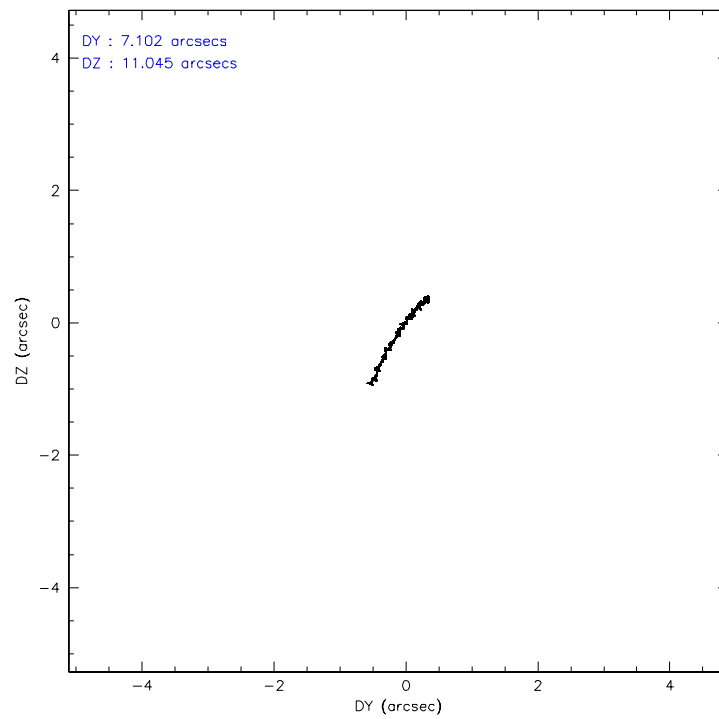
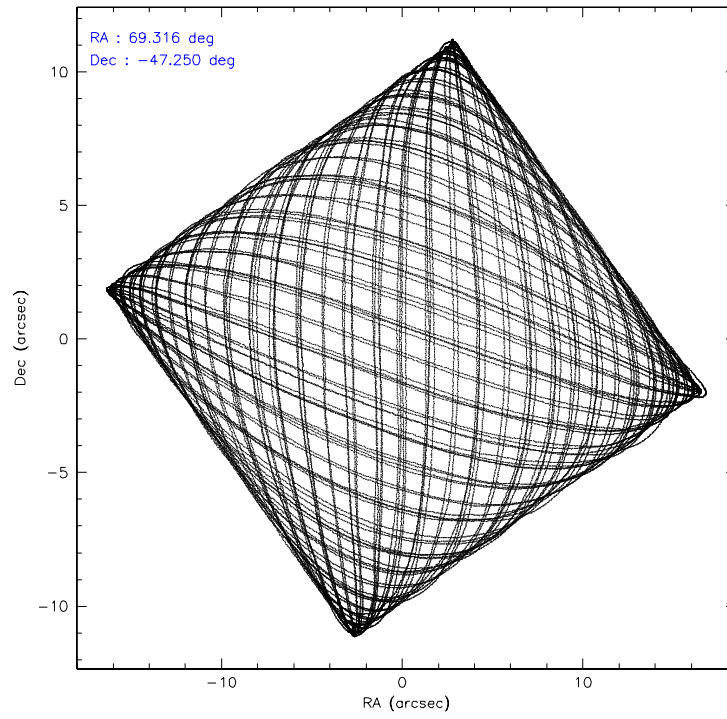
	ccd 7
level 1 events	166616
rejected events	83321
rejected %	50%

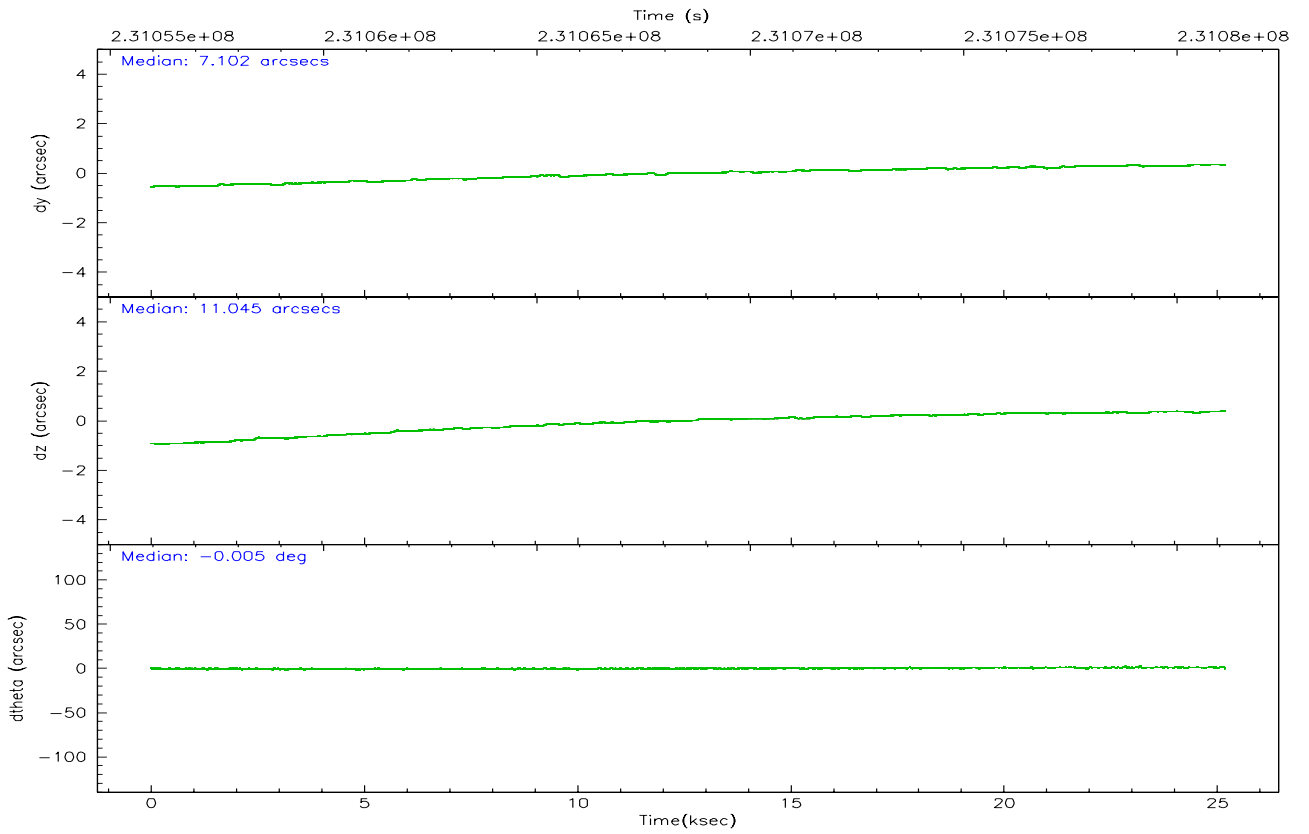
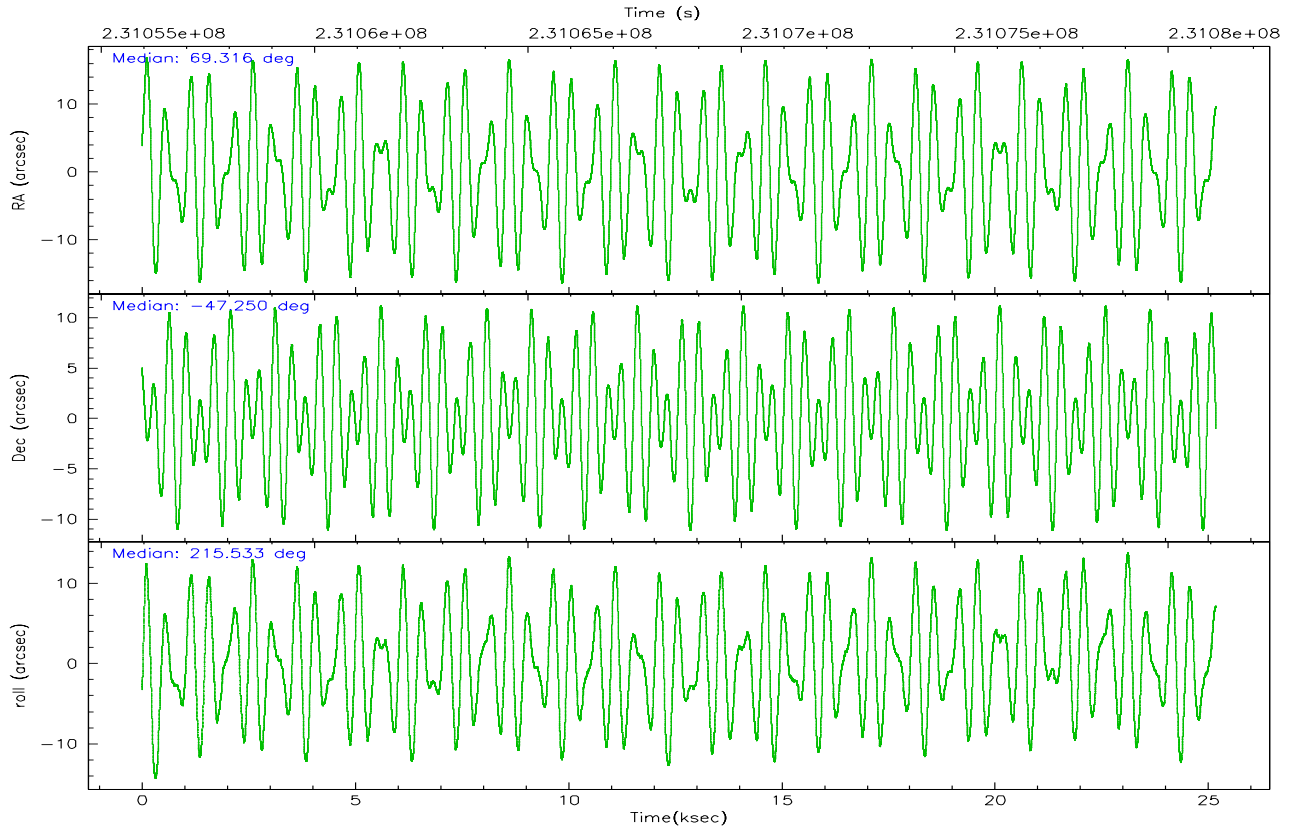
	ccd 7
grade 0 events	15010
	9%
grade 1 events	875
	0%
grade 2 events	20579
	12%
grade 3 events	6269
	3%
grade 4 events	6019
	3%
grade 5 events	10874
	6%
grade 6 events	35452
	21%
grade 7 events	71538
	42%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	1/2	1/2
Pointing RA	69.332299	69.31621887446896	Subarray start row	0	257
Pointing Dec	-47.225183	-47.25010200936546	Subarray row count	1024	512
Pointing Roll	215.396338	215.5411592165412	Alternating exposures requested	N	N
Window start time	218246464.184000	218246464.184000	Primary exposure time	0.000000	1.5
Window stop time	231292804.184000	231292804.184000			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	231056134.184000	231055416.7583			
Observation start date	2005-04-28T06:14:30	2005-04-28T06:03:36			
Observation end time	231081134.184000	231081930.94701			
Observation end date	2005-04-28T13:11:10	2005-04-28T13:25:30			
Read mode	TIMED	TIMED			

2.3 Aspect



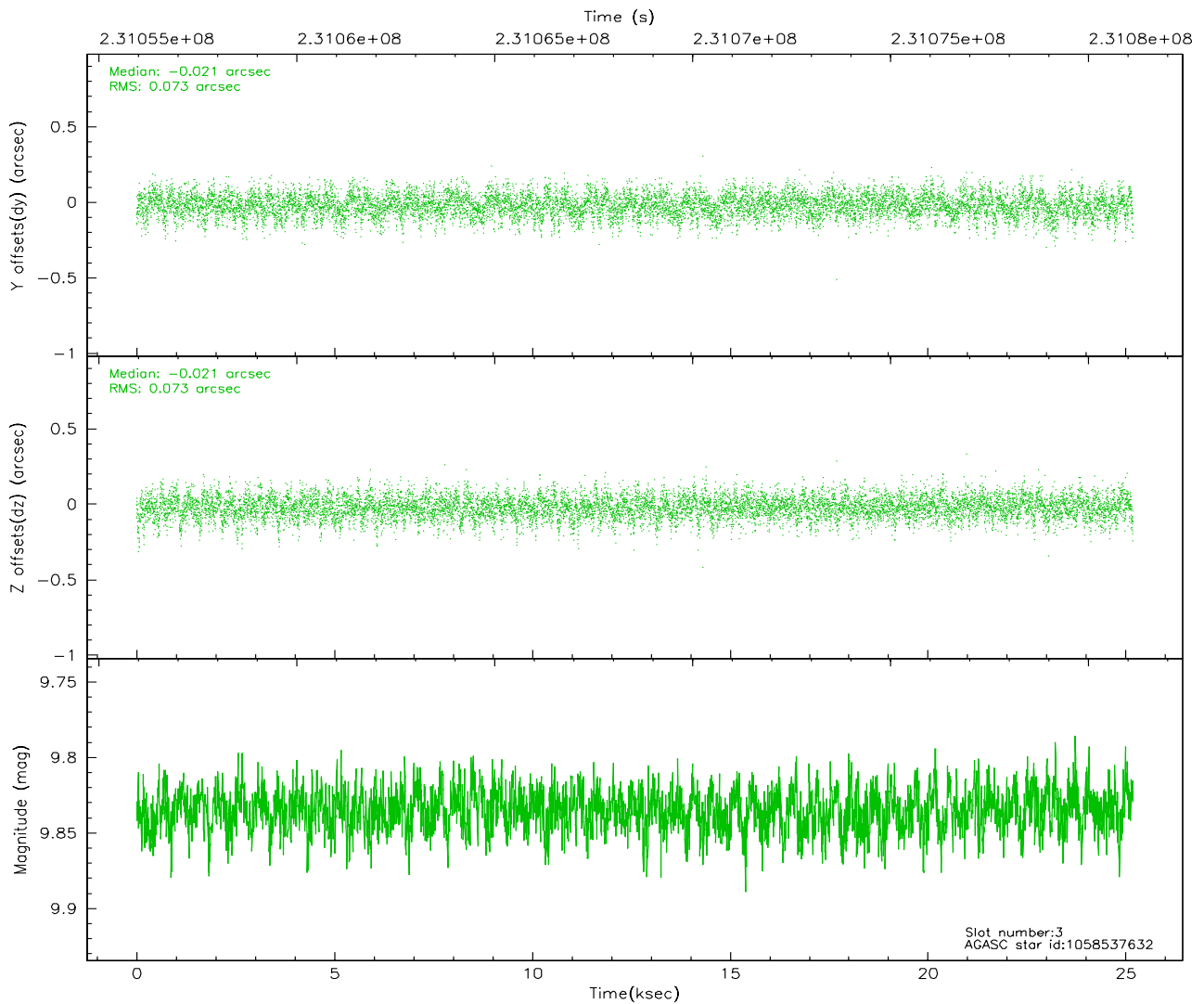
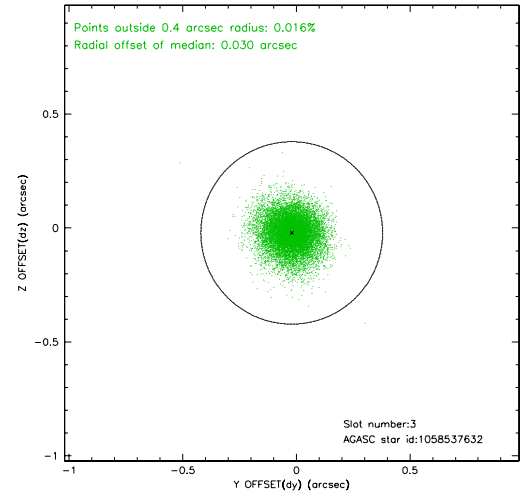
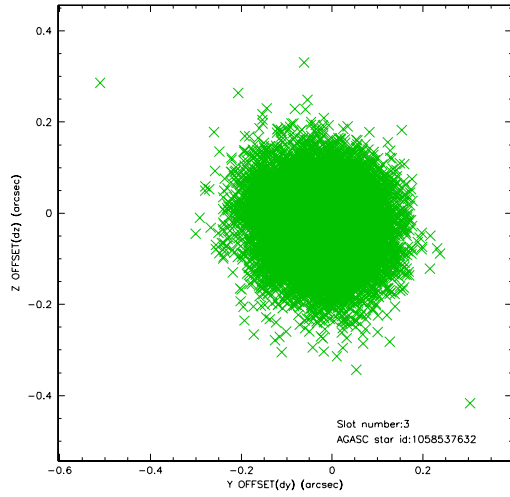


Slot Statistics

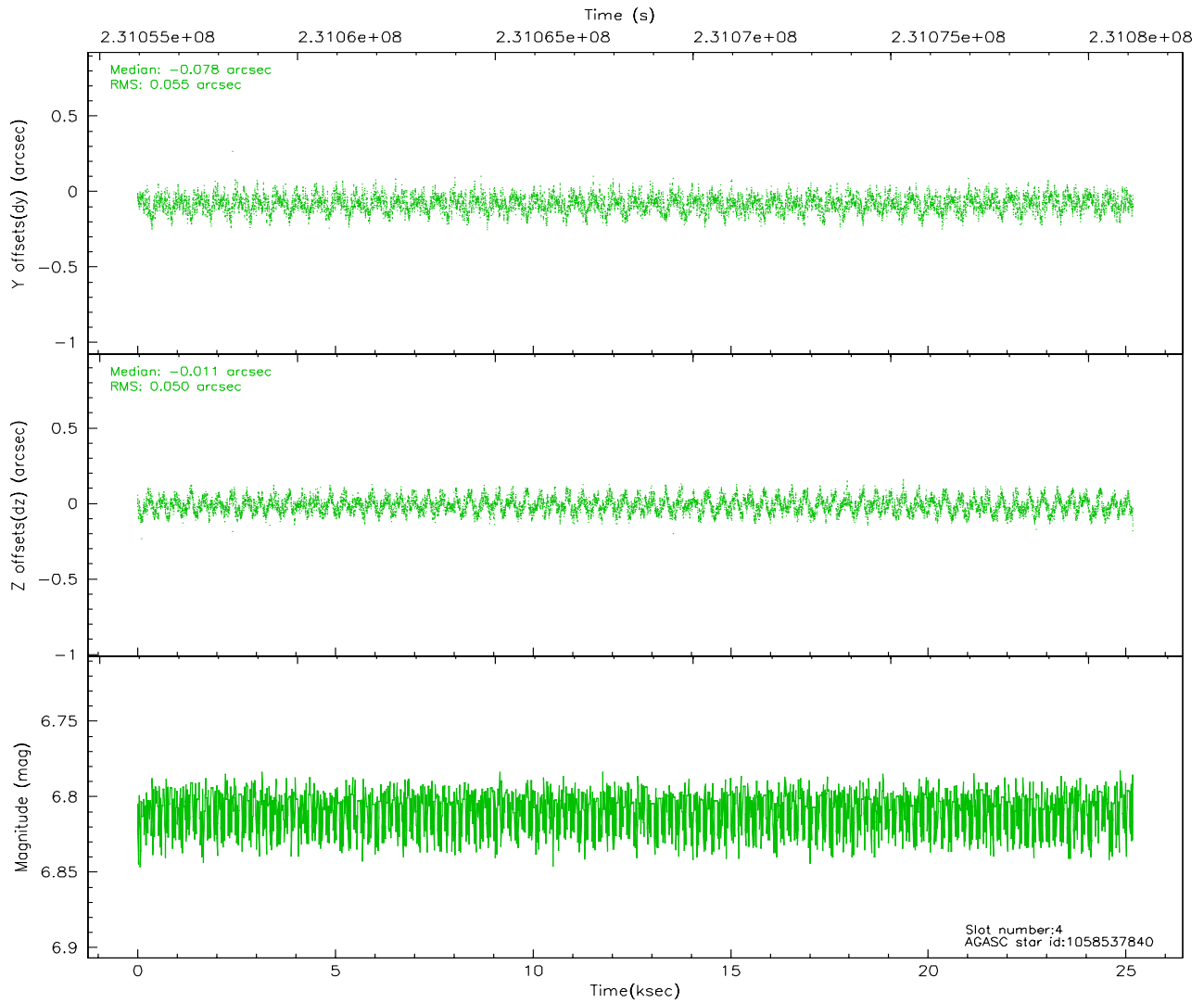
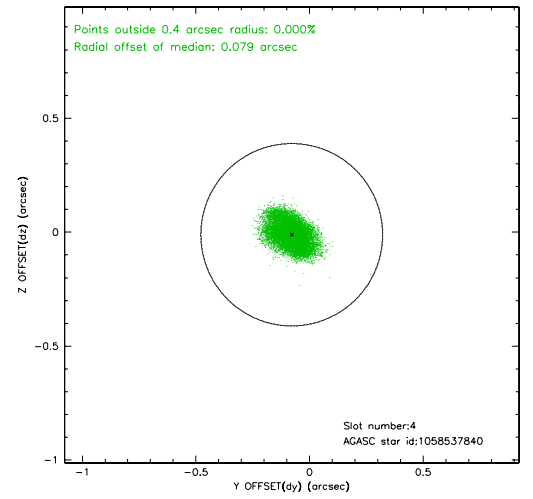
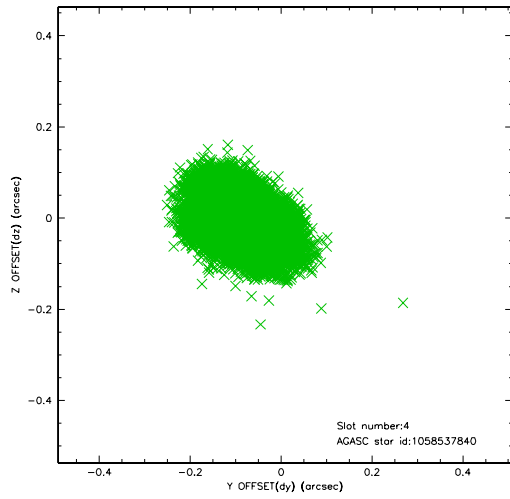
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6142	-0.036	0.005	0.012	0.018	0.000000	0.000000	-759.82	-1732.23
1	FID	ACIS-S-4	7.20	6143	0.043	0.016	0.007	0.011	0.000000	0.000000	2153.45	176.19
2	FID	ACIS-S-5	7.23	6143	-0.036	-0.013	0.012	0.019	0.000000	0.000000	-1812.54	169.90
3	GUIDE	1058537632	9.83	12275	-0.021	-0.021	0.109	0.179	68.291617	-47.025396	1675.61	-2051.05
4	GUIDE	1058537840	6.81	12286	-0.078	-0.011	0.080	0.127	70.442463	-47.259783	-2128.15	1688.07
5	GUIDE	1058541272	9.23	12281	-0.041	0.051	0.111	0.176	68.392275	-46.921735	1259.79	-2217.15
6	GUIDE	1058542336	9.60	12277	0.043	0.066	0.115	0.182	69.740954	-46.597293	-2131.22	-1254.94
7	GUIDE	1058544032	8.99	12278	0.103	-0.082	0.075	0.121	69.576631	-47.141596	-661.27	102.18

2.4 Star Slots

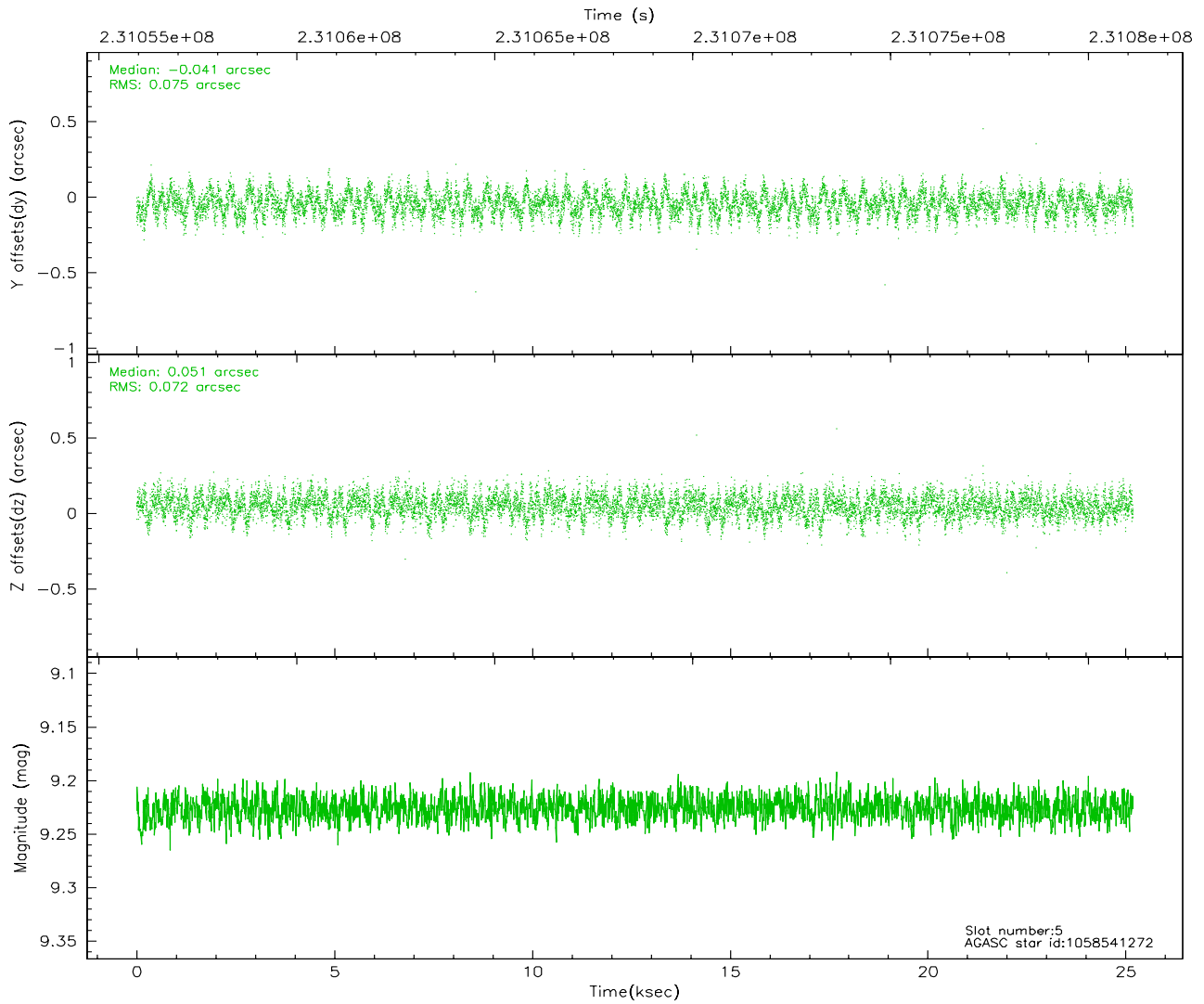
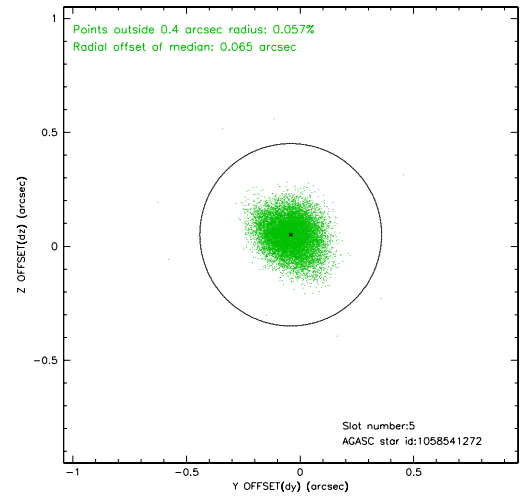
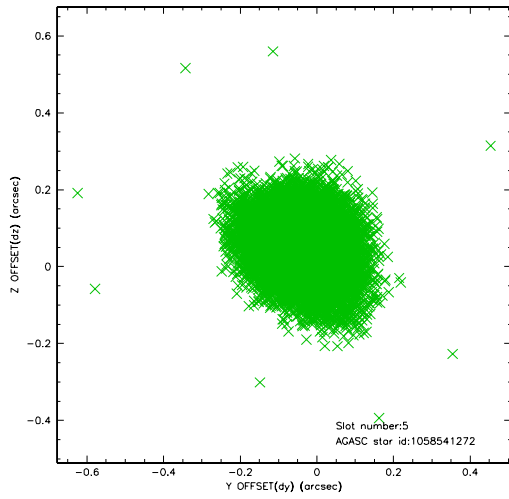
2.4.1 Slot 3



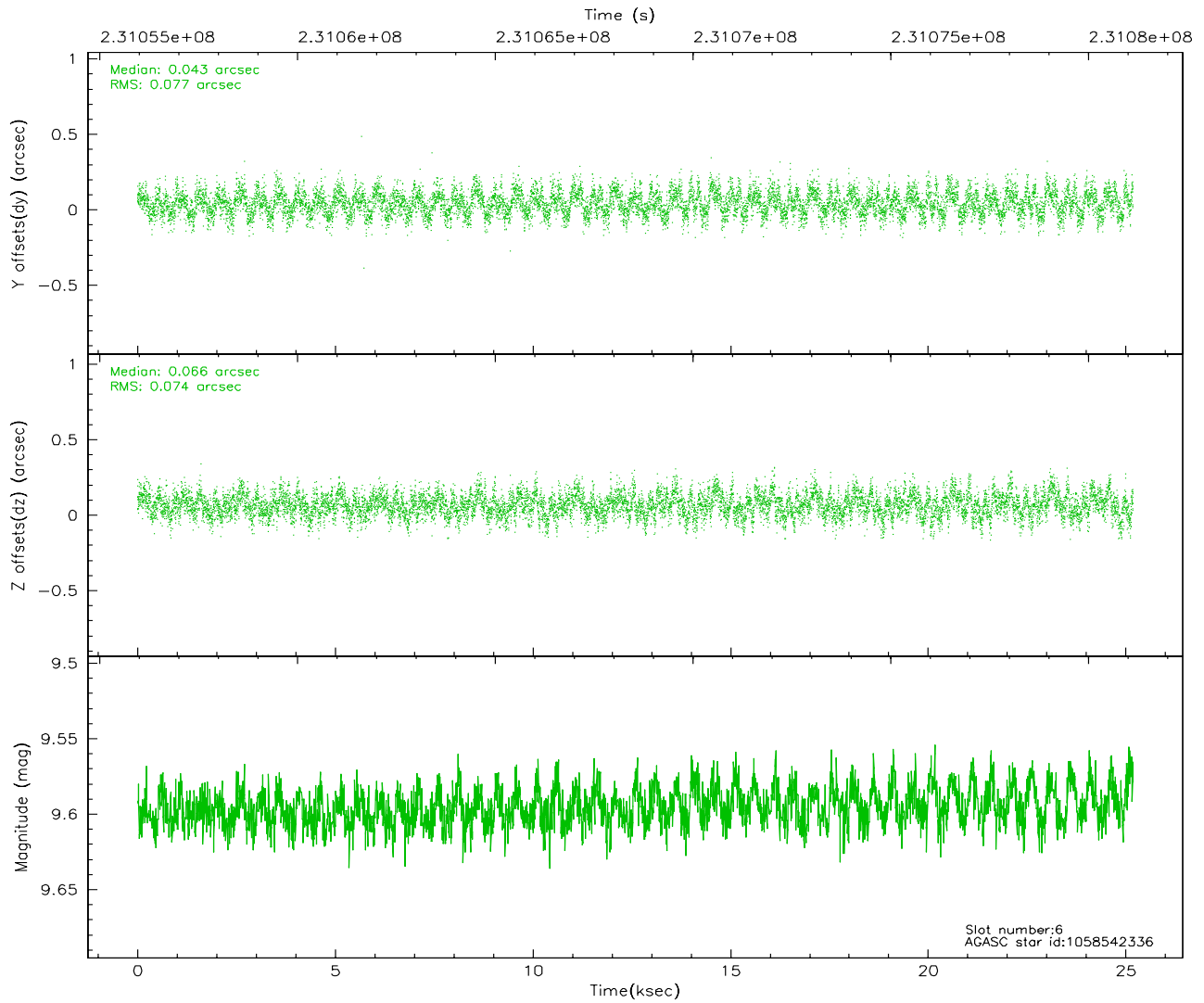
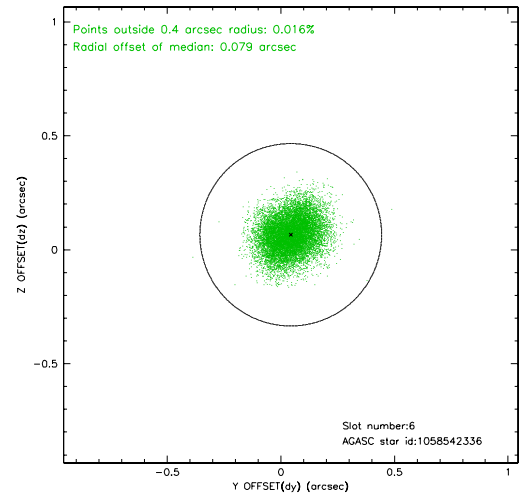
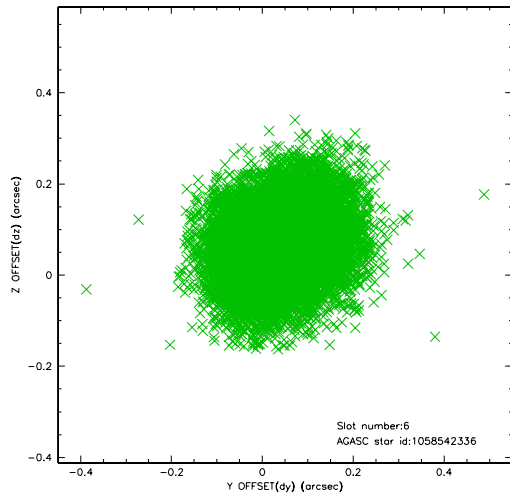
2.4.2 Slot 4



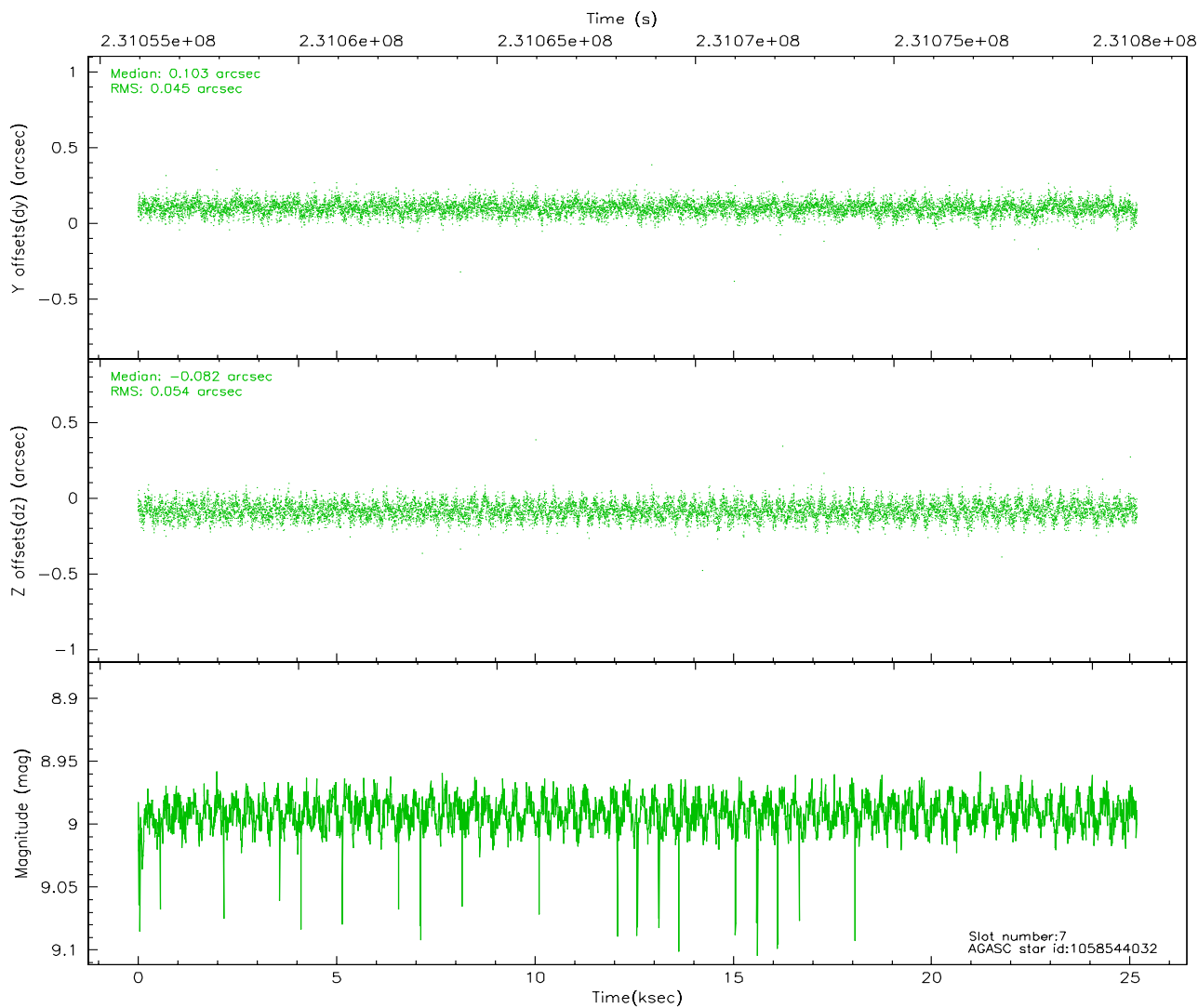
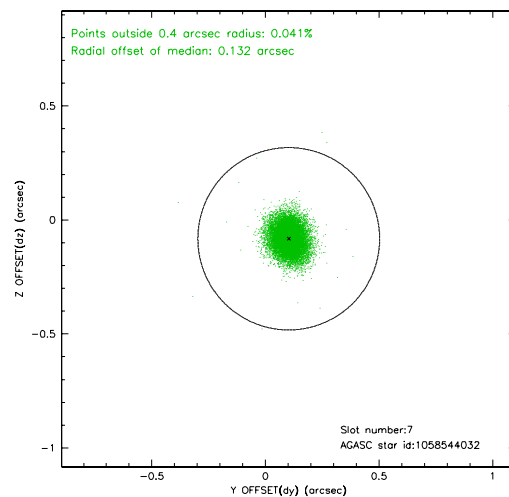
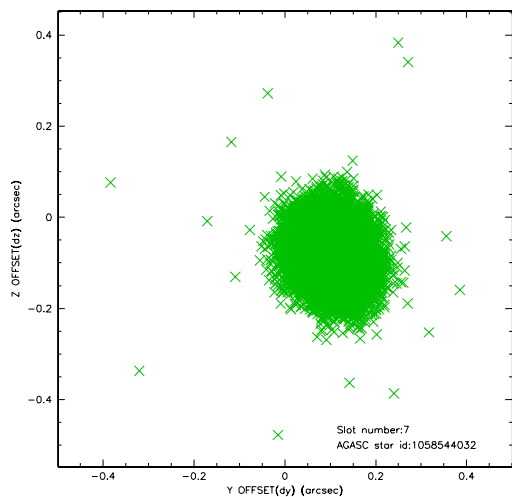
2.4.3 Slot 5



2.4.4 Slot 6

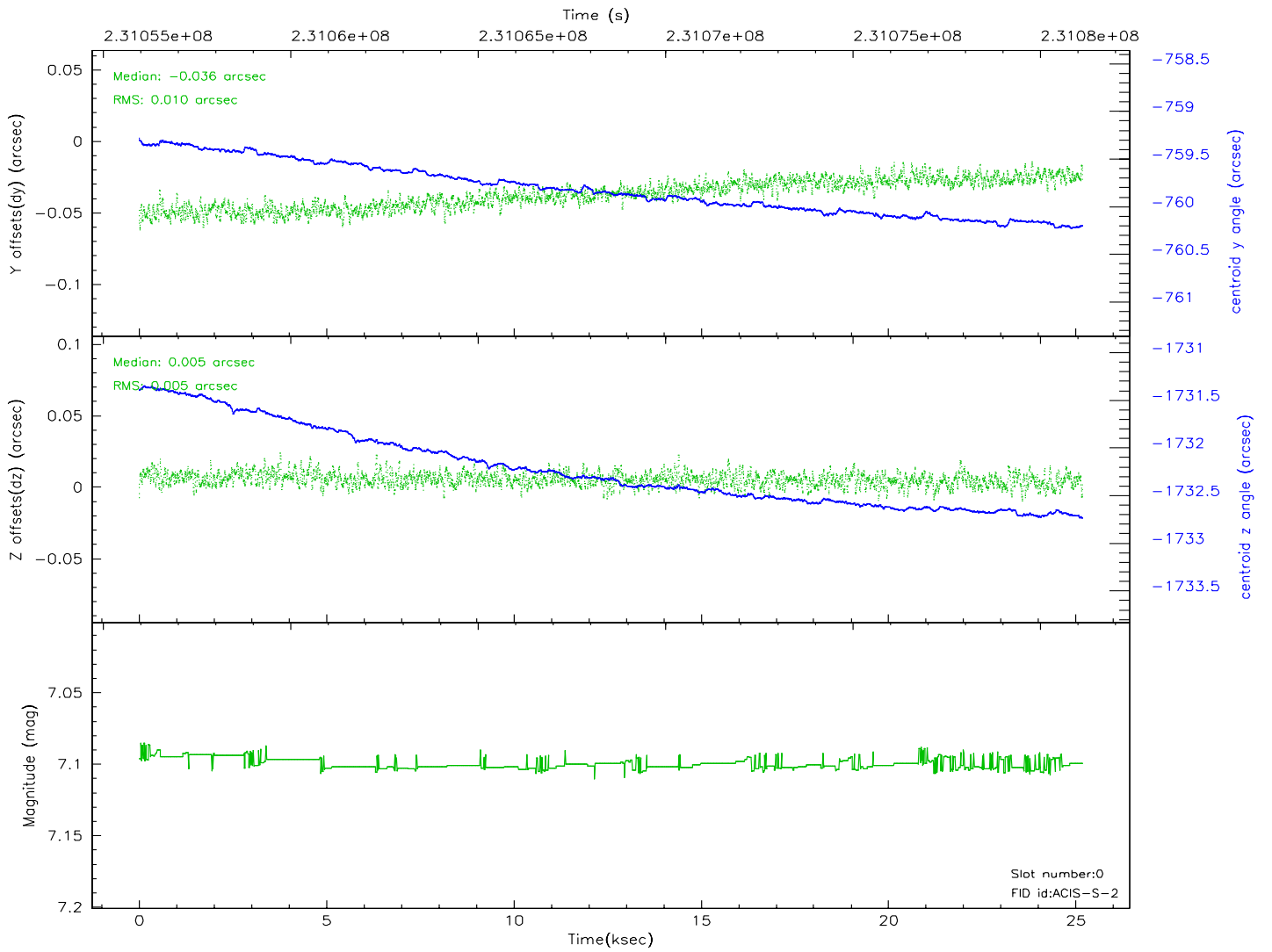
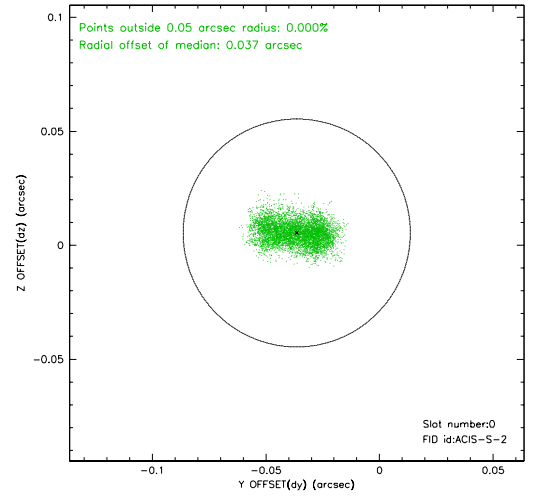
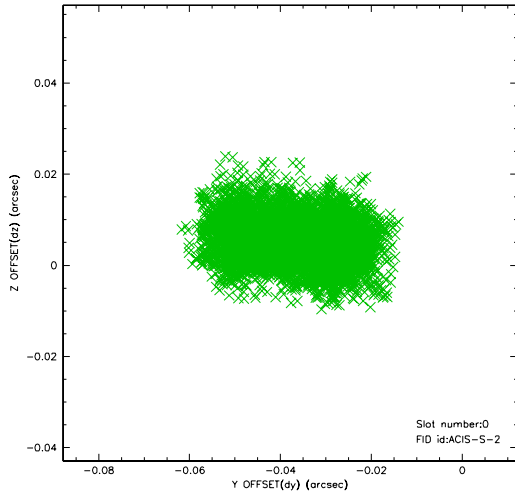


2.4.5 Slot 7

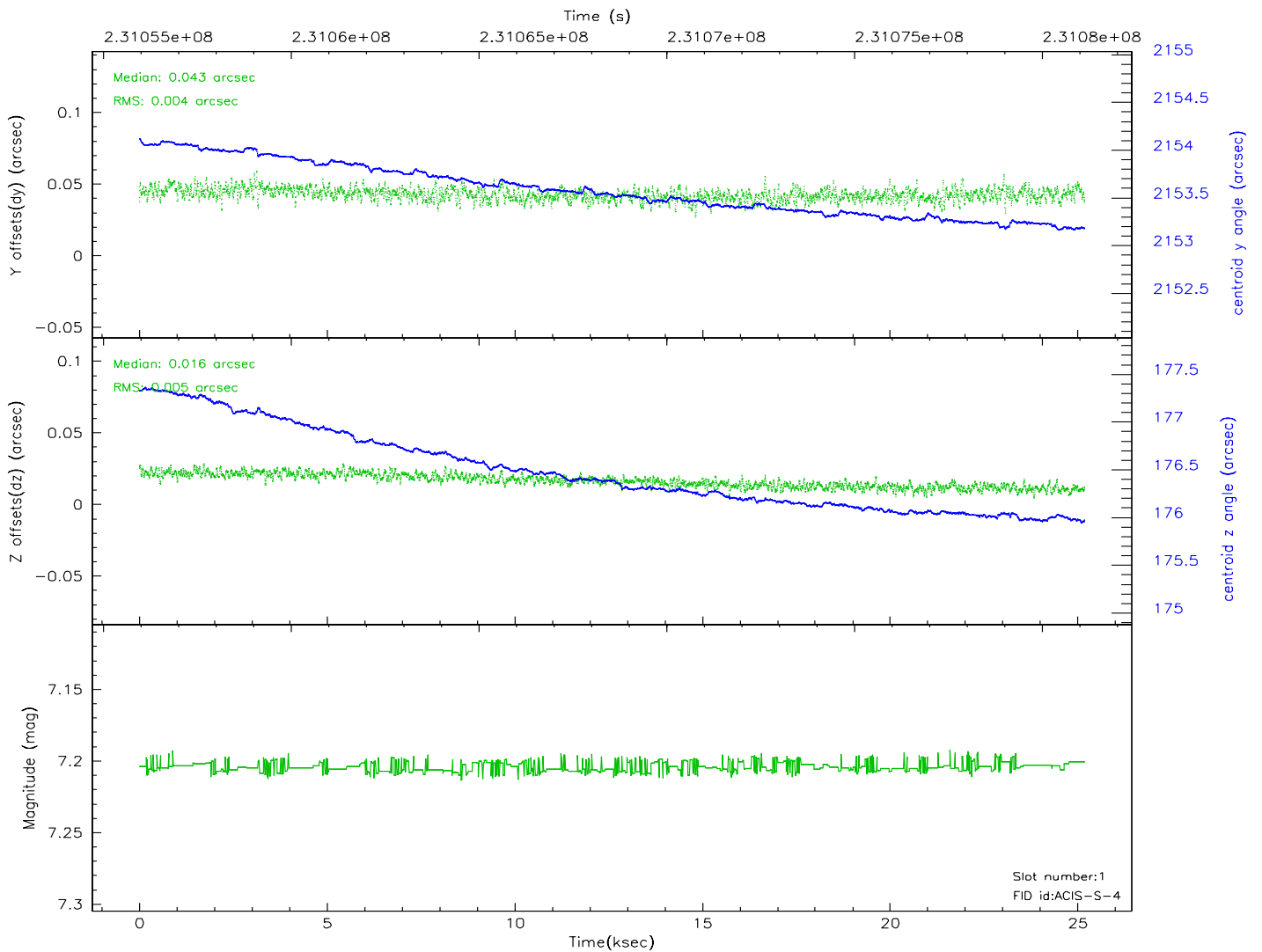
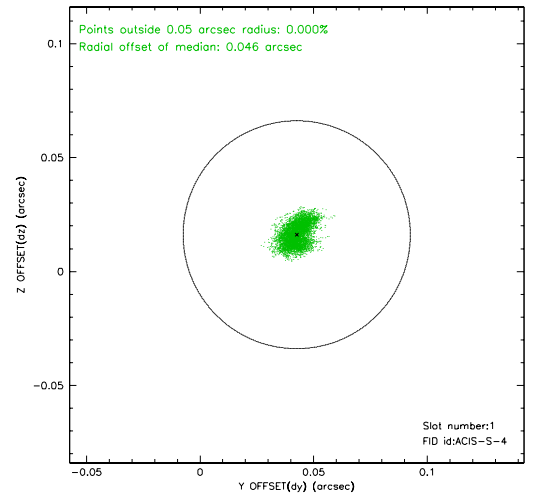
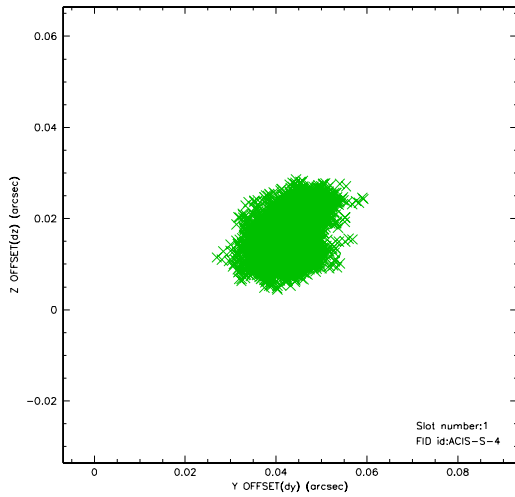


2.5 FID Slots

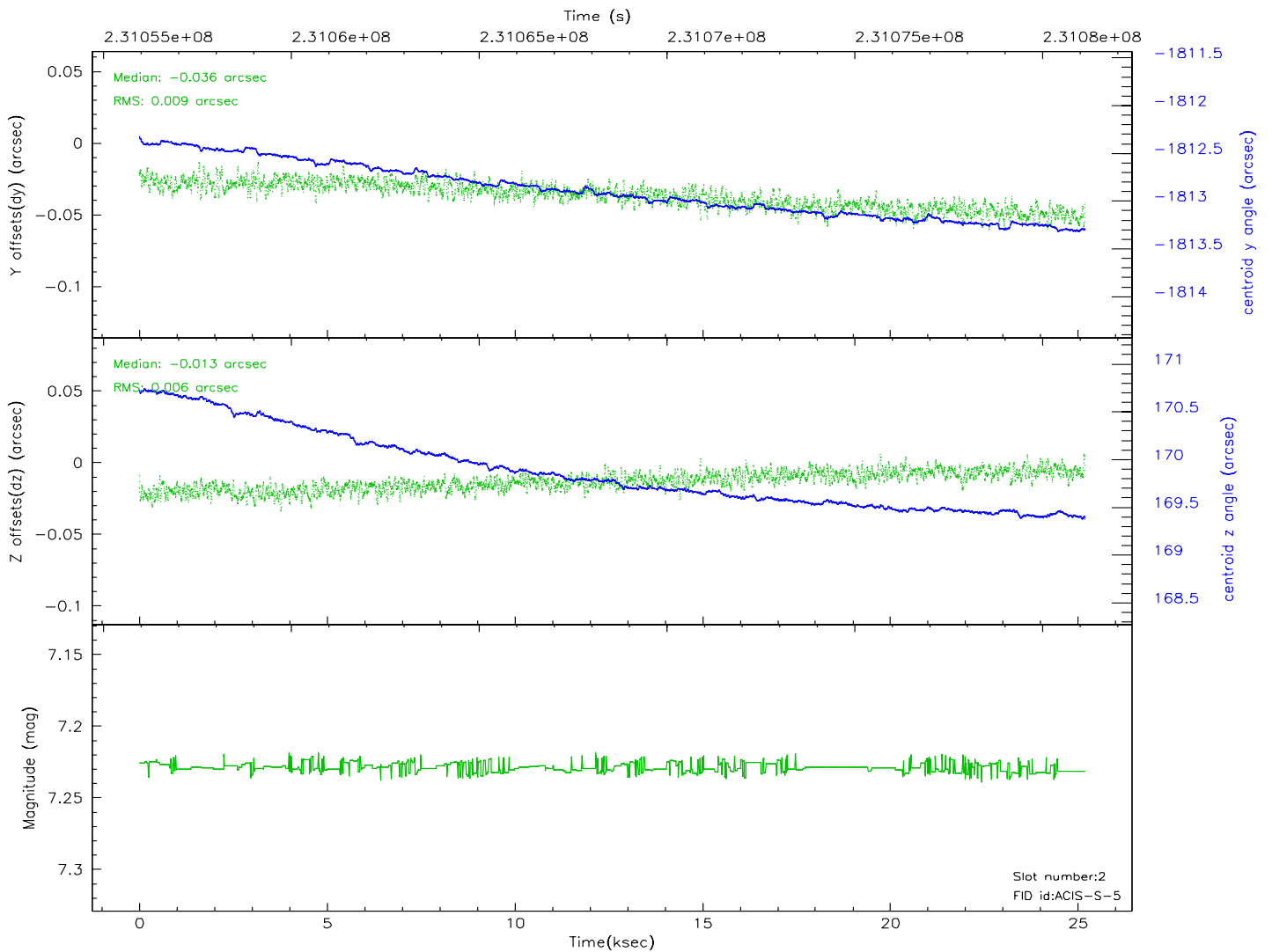
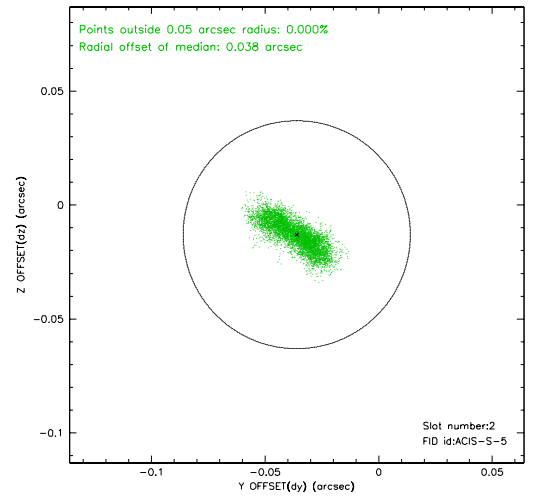
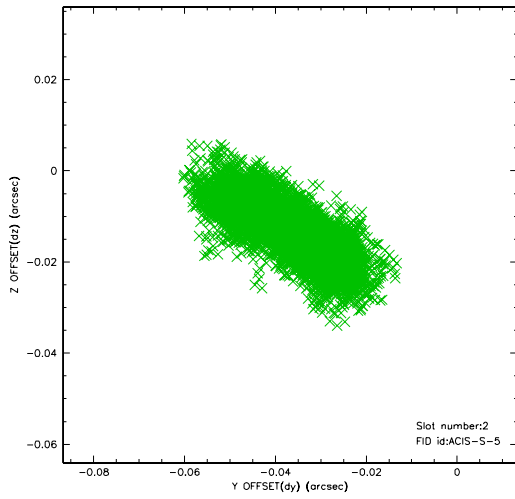
2.5.1 Slot 0



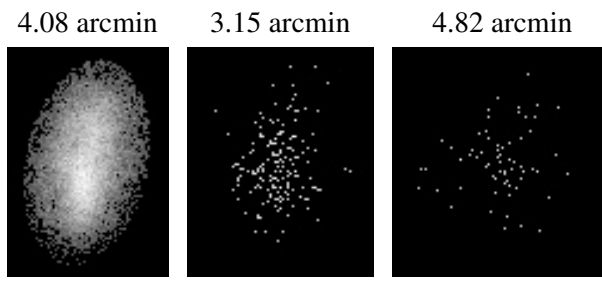
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.1835

A.2 Comments

Window constraint satisfied.