

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6155 - L2 Version 002
Chandra X-Ray Center

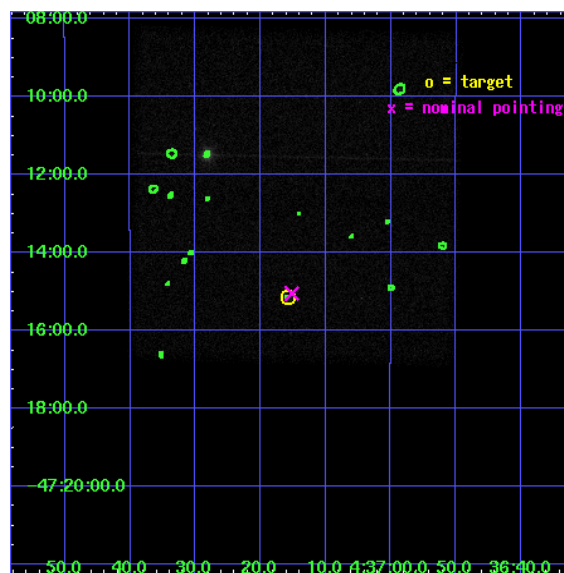
L2 Processing Date: Feb 25 2006

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1 Front

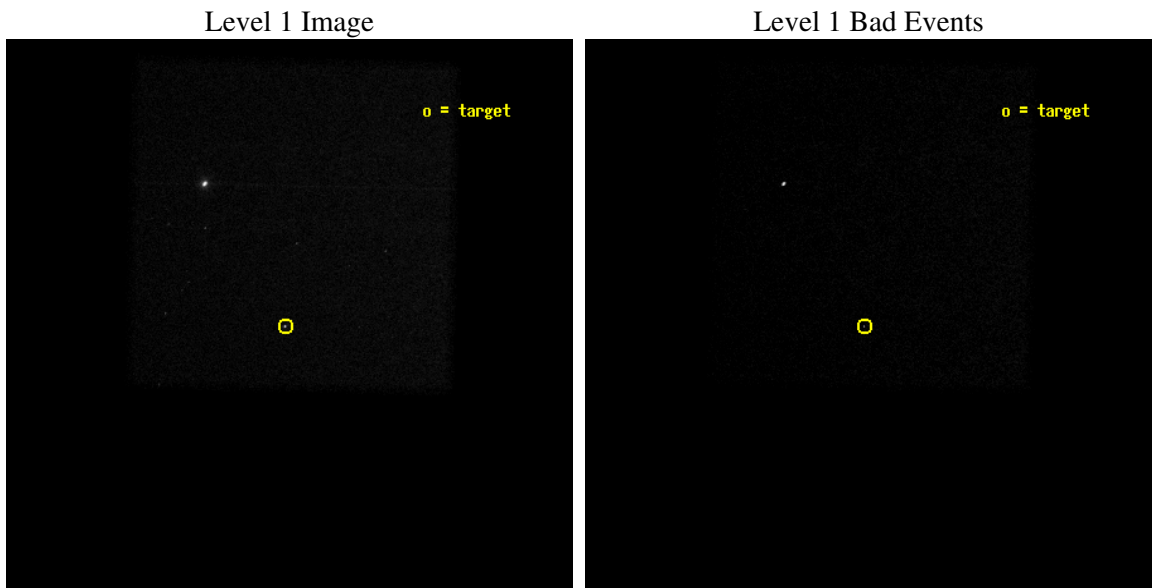
seq_num	590416
obs_id	6155
title	Calibrating Pile-up in ACIS Imaging Data with PSRJ0437-4715
observer	Dr. CXC Calibration
object	PSR J0437-4715
dtcycle	0
cycle	P
ra_targ	69.315833
dec_targ	-47.252333
ra_nom	69.313340577871
dec_nom	-47.250862953161
roll_nom	271.19305881945
revision	2
ontime	25128.0
livetime	24788.888011996
ontime7	25128.0
l2events	125385



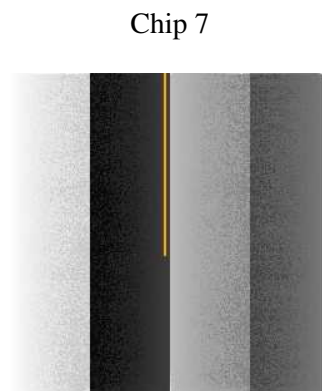
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-25T13:59:18
revision	2

sched_exp_time	25000.000000
ontime	25757.312776864
ontime7	25757.312776864
l1events	304323

2.1.4 Events

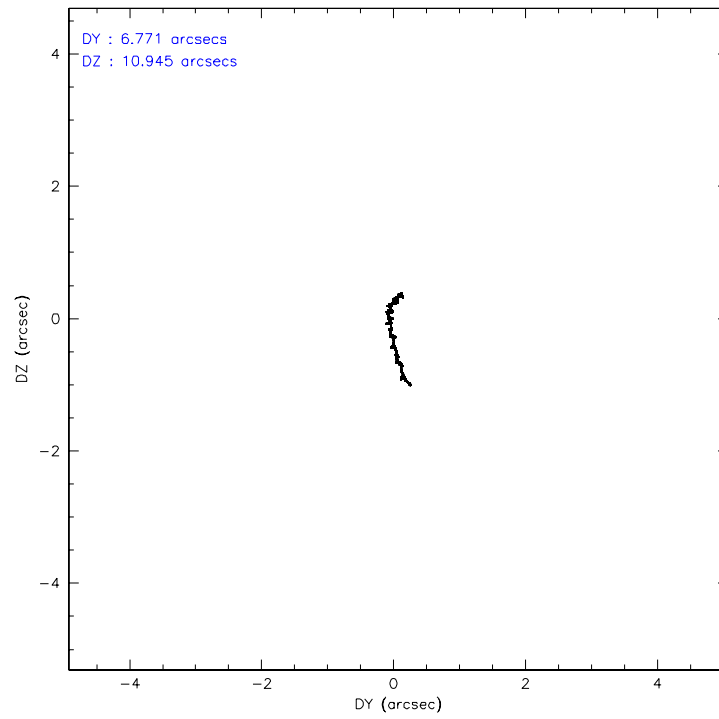
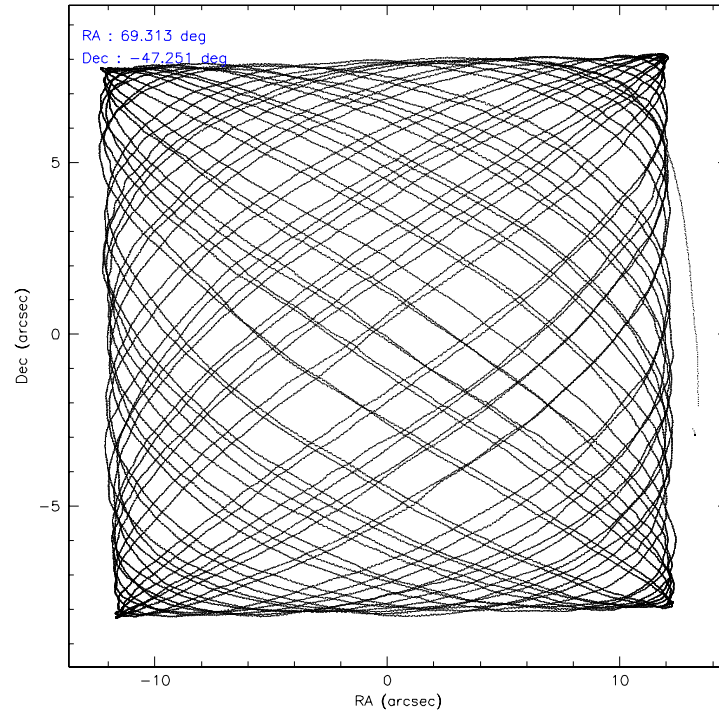
	ccd 7
level 1 events	304323
rejected events	176434
rejected %	57%

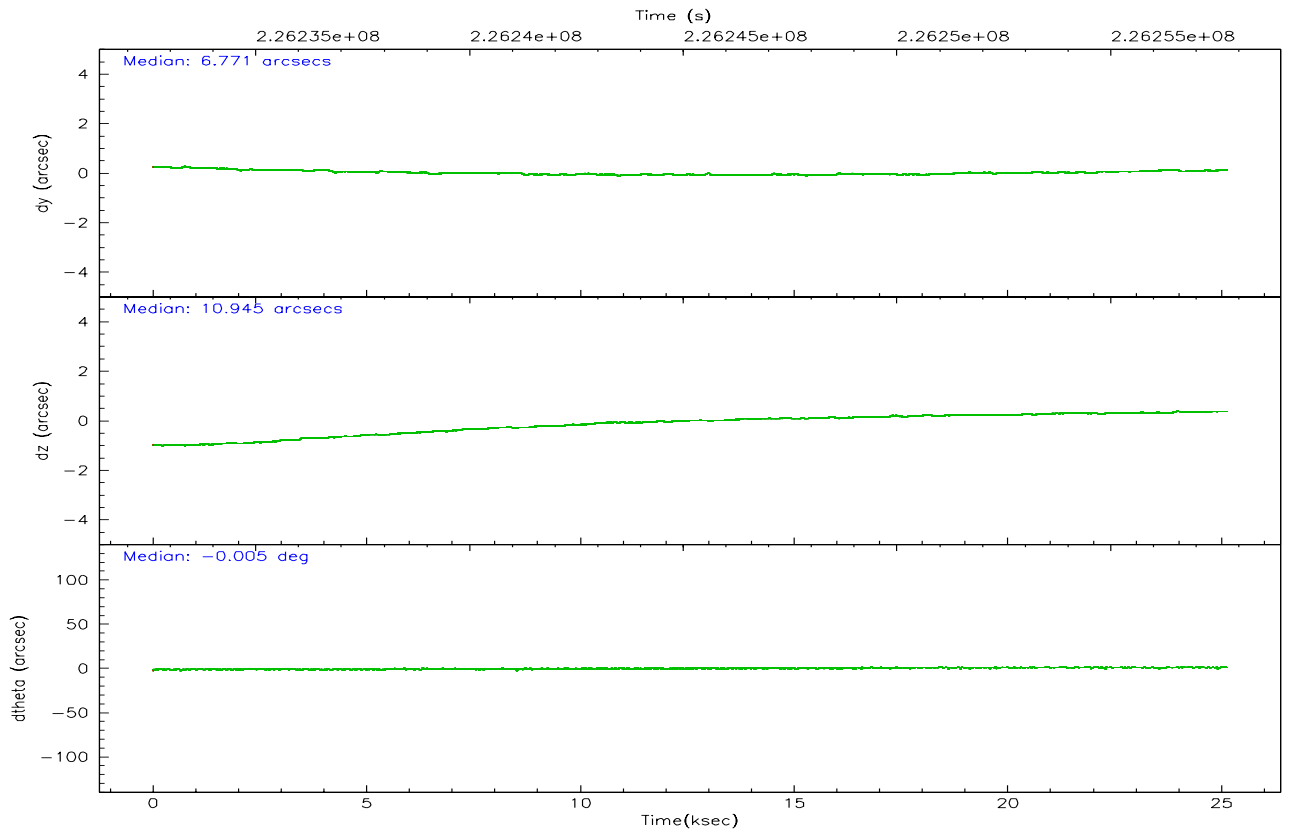
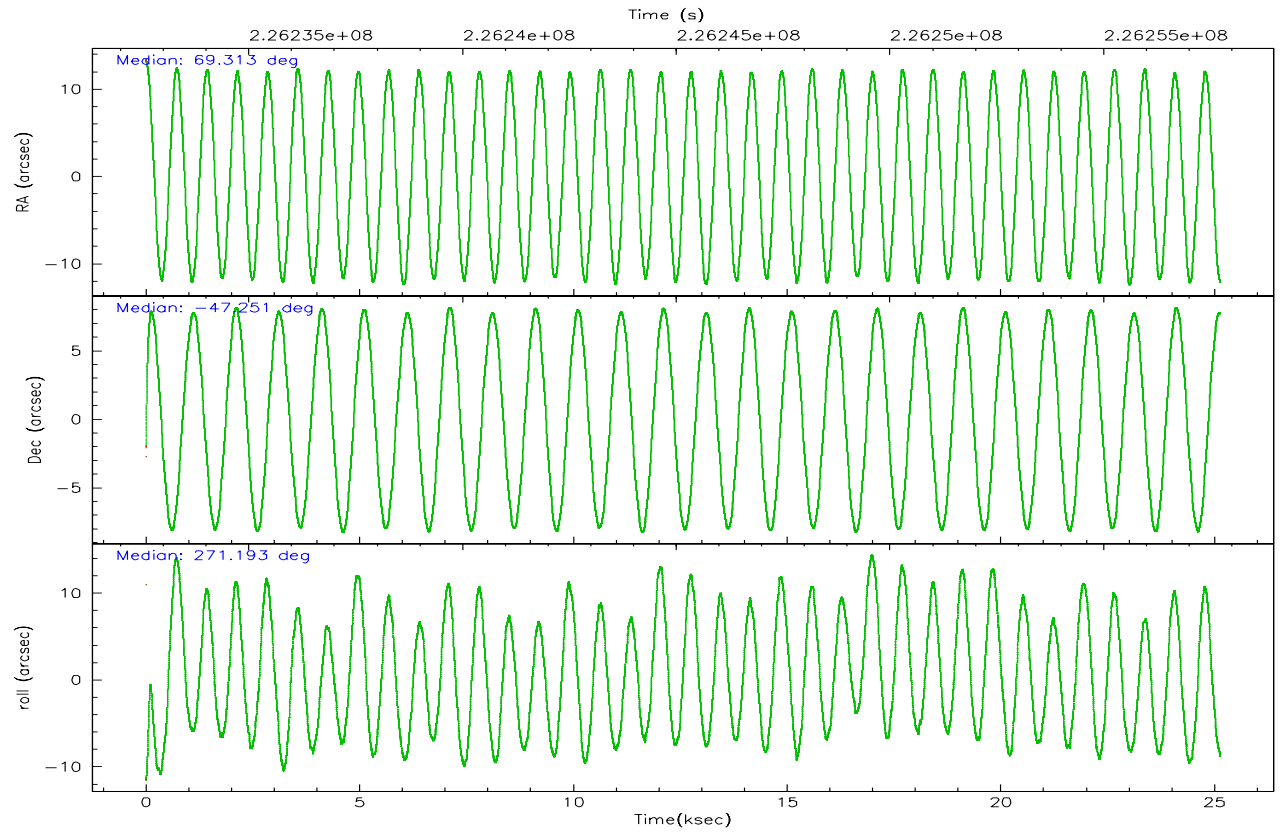
	ccd 7
grade 0 events	15420
	5%
grade 1 events	1875
	0%
grade 2 events	32291
	10%
grade 3 events	8156
	2%
grade 4 events	8042
	2%
grade 5 events	21074
	6%
grade 6 events	66717
	21%
grade 7 events	150748
	49%

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	NONE	NONE
Pointing RA	69.292104	69.31334057787117	Alternating exposures requested	N	N
Pointing Dec	-47.227797	-47.25086295316088	Primary exposure time	0.000000	3
Pointing Roll	271.020844	271.1930588194532			
Window start time	218246464.184000	218246464.184000			
Window stop time	228700804.184000	228700804.184000			
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	226232726.184000	226231653.78929			
Observation start date	2005-03-03T10:24:22	2005-03-03T10:07:33			
Observation end time	226257726.184000	226259063.82803			
Observation end date	2005-03-03T17:21:02	2005-03-03T17:44:23			
Read mode	TIMED	TIMED			

2.3 Aspect



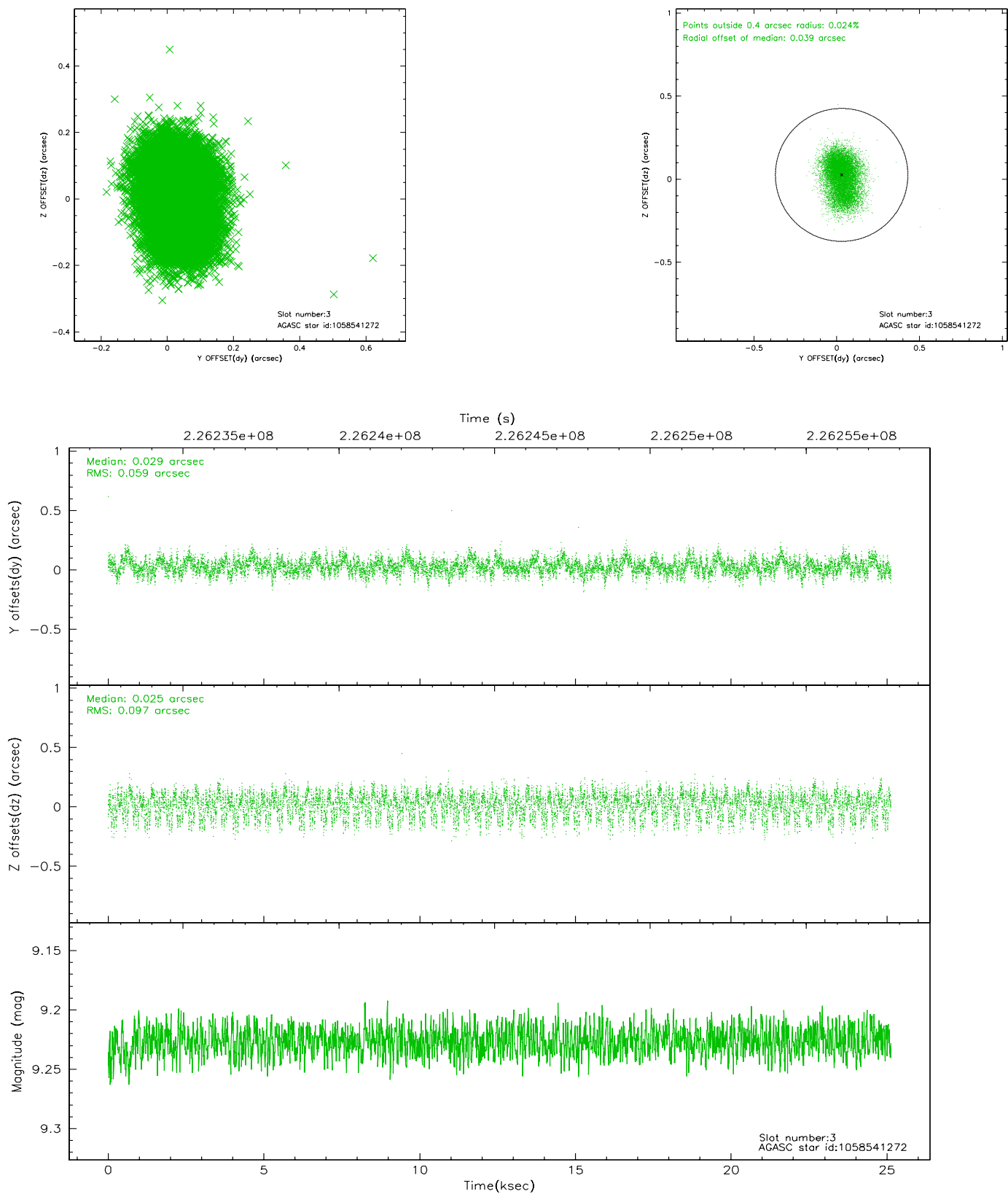


Slot Statistics

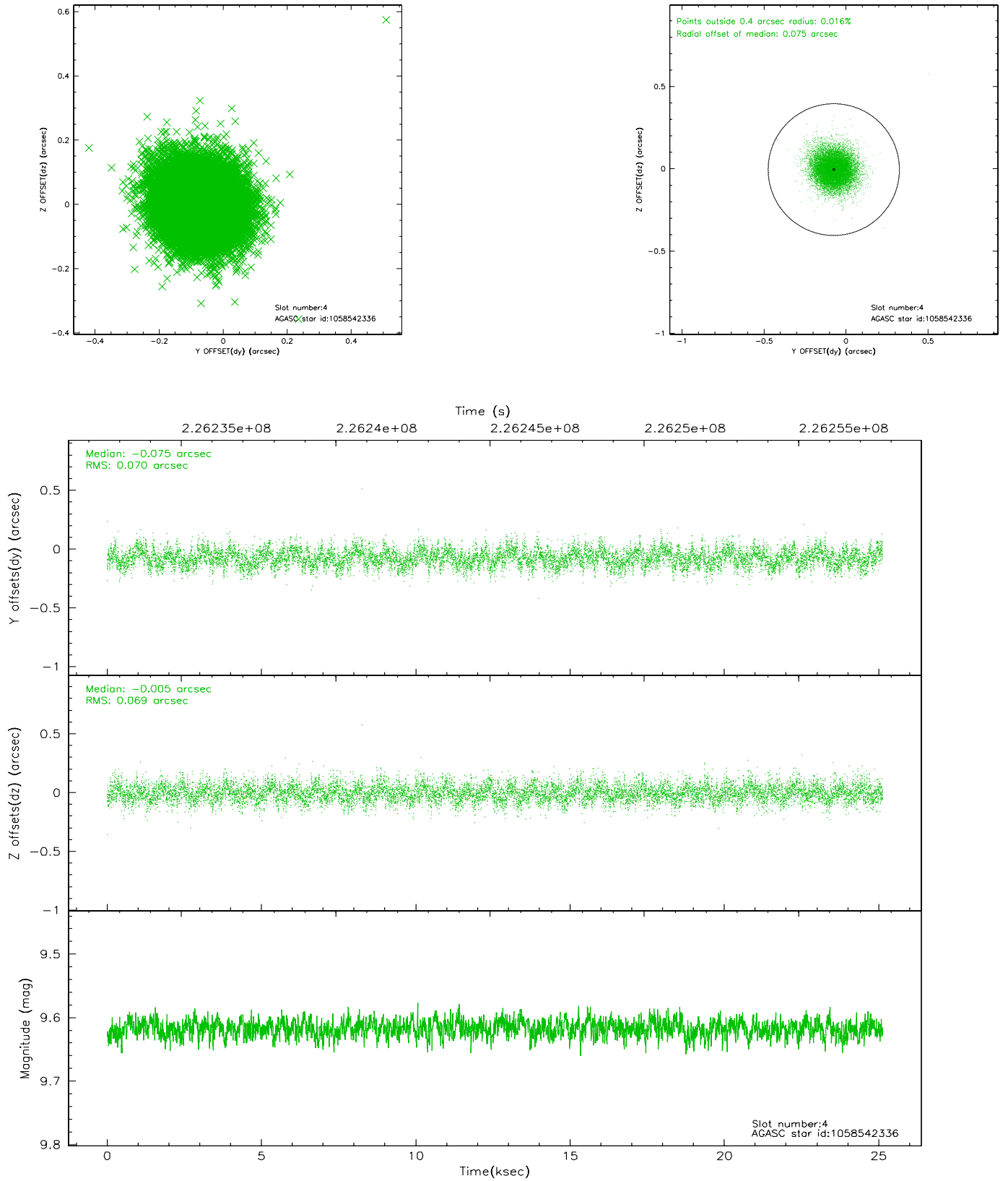
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6128	-0.043	0.007	0.010	0.015	0.000000	0.000000	-759.55	-1732.08
1	FID	ACIS-S-4	7.21	6130	0.046	0.019	0.012	0.018	0.000000	0.000000	2153.73	176.34
2	FID	ACIS-S-5	7.23	6130	-0.034	-0.017	0.008	0.015	0.000000	0.000000	-1812.27	170.04
3	GUIDE	1058541272	9.23	12249	0.029	0.025	0.121	0.195	68.392275	-46.921735	-1127.96	-2192.34
4	GUIDE	1058542336	9.62	12251	-0.075	-0.005	0.104	0.169	69.740954	-46.597293	-2246.30	1150.74
5	GUIDE	1058544032	8.98	12253	0.033	-0.004	0.090	0.139	69.576631	-47.141596	-296.35	702.56
6	GUIDE	1058931064	9.47	12197	0.002	-0.050	0.094	0.154	69.760694	-47.722390	1804.26	1103.27
7	GUIDE	1058537632	9.83	12249	0.005	0.041	0.166	0.268	68.291617	-47.025396	-756.05	-2441.58

2.4 Star Slots

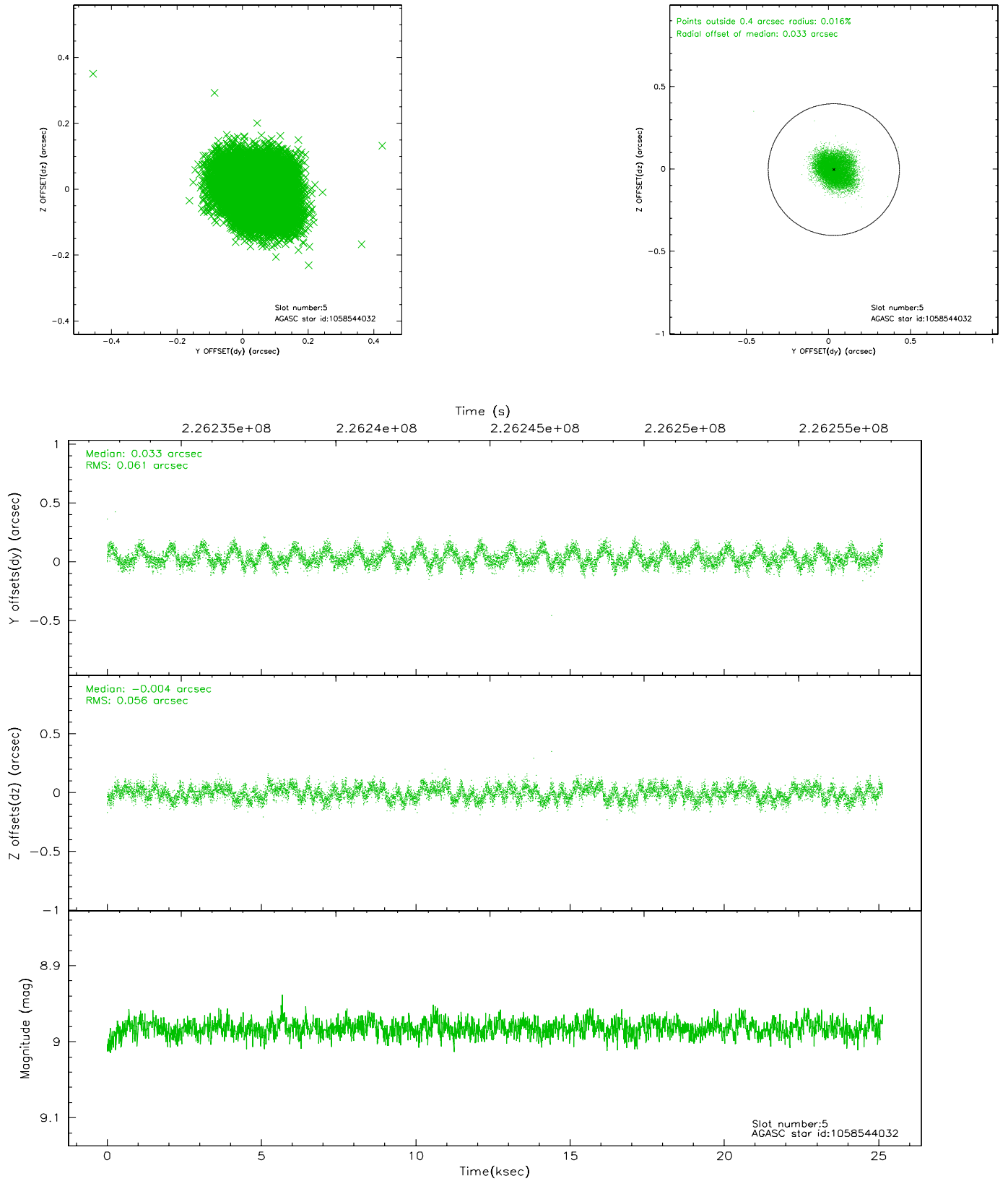
2.4.1 Slot 3



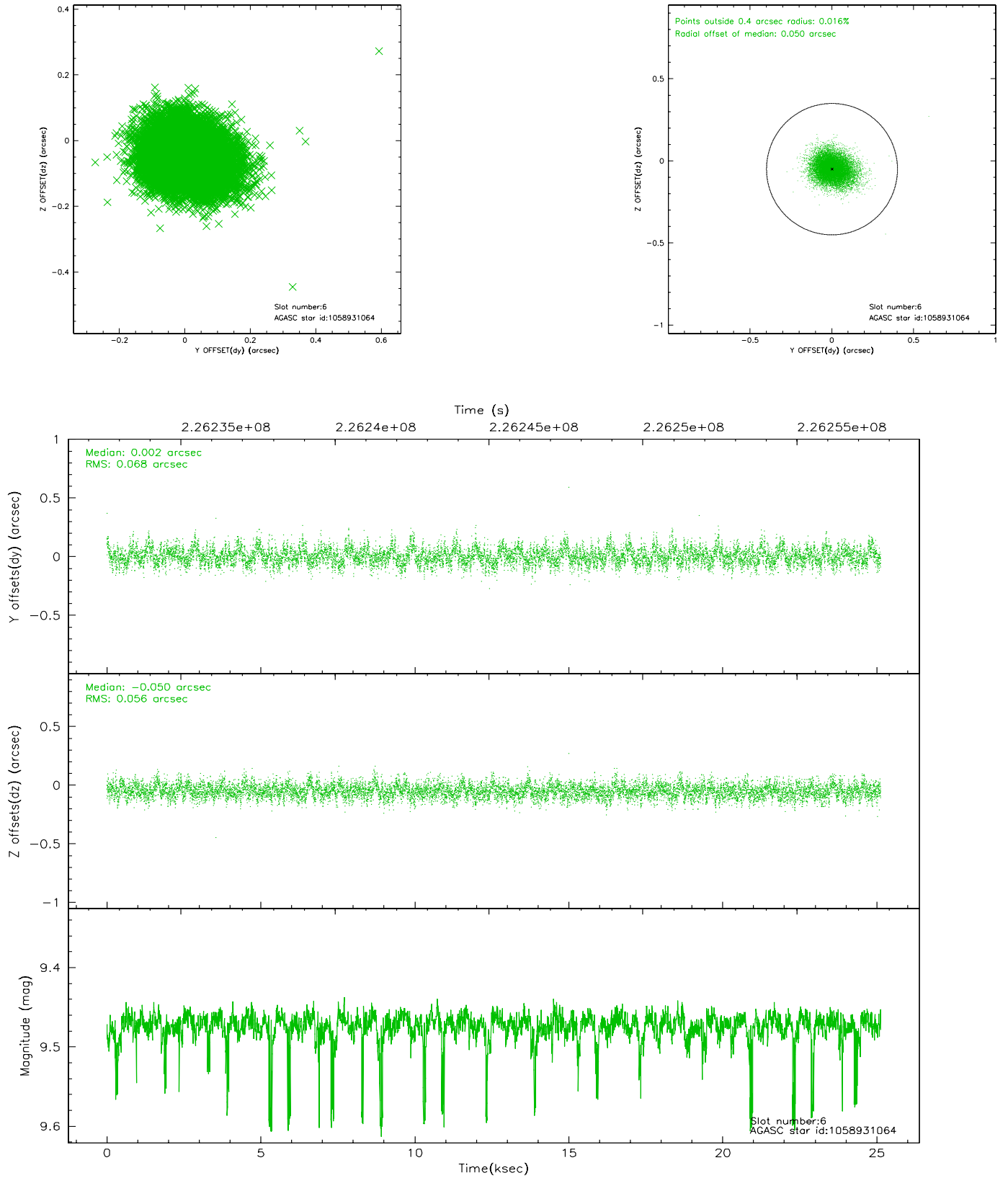
2.4.2 Slot 4



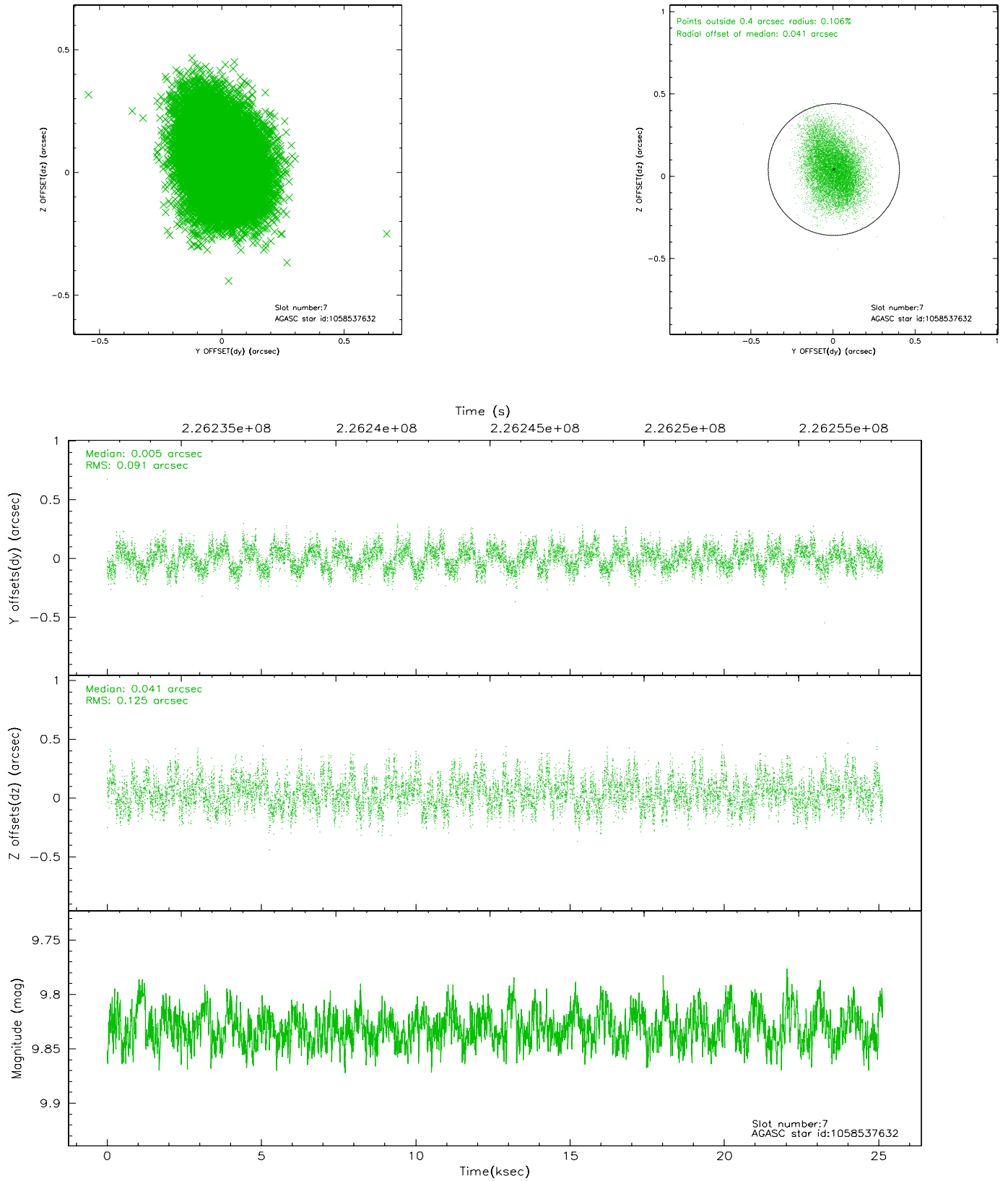
2.4.3 Slot 5



2.4.4 Slot 6

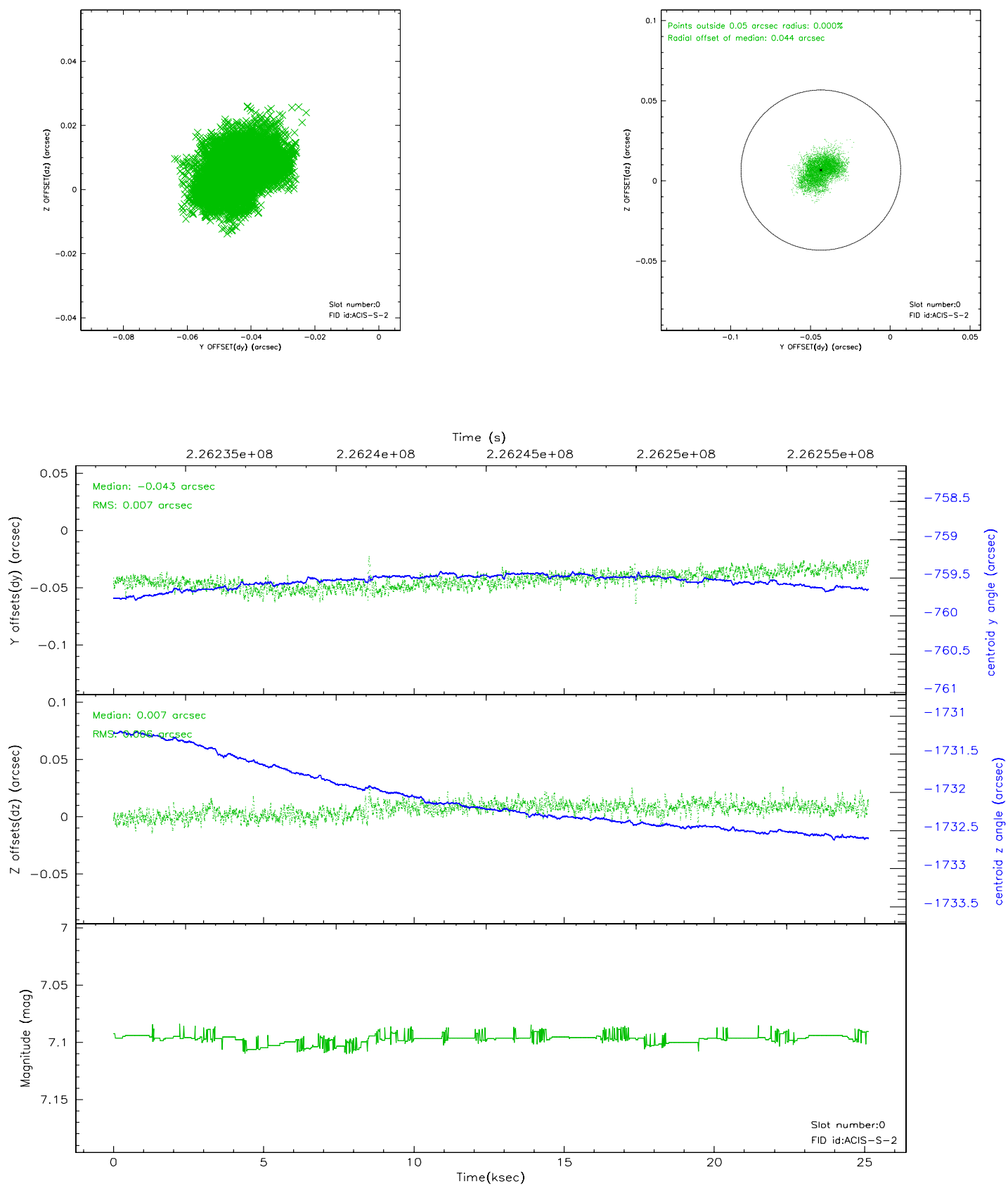


2.4.5 Slot 7

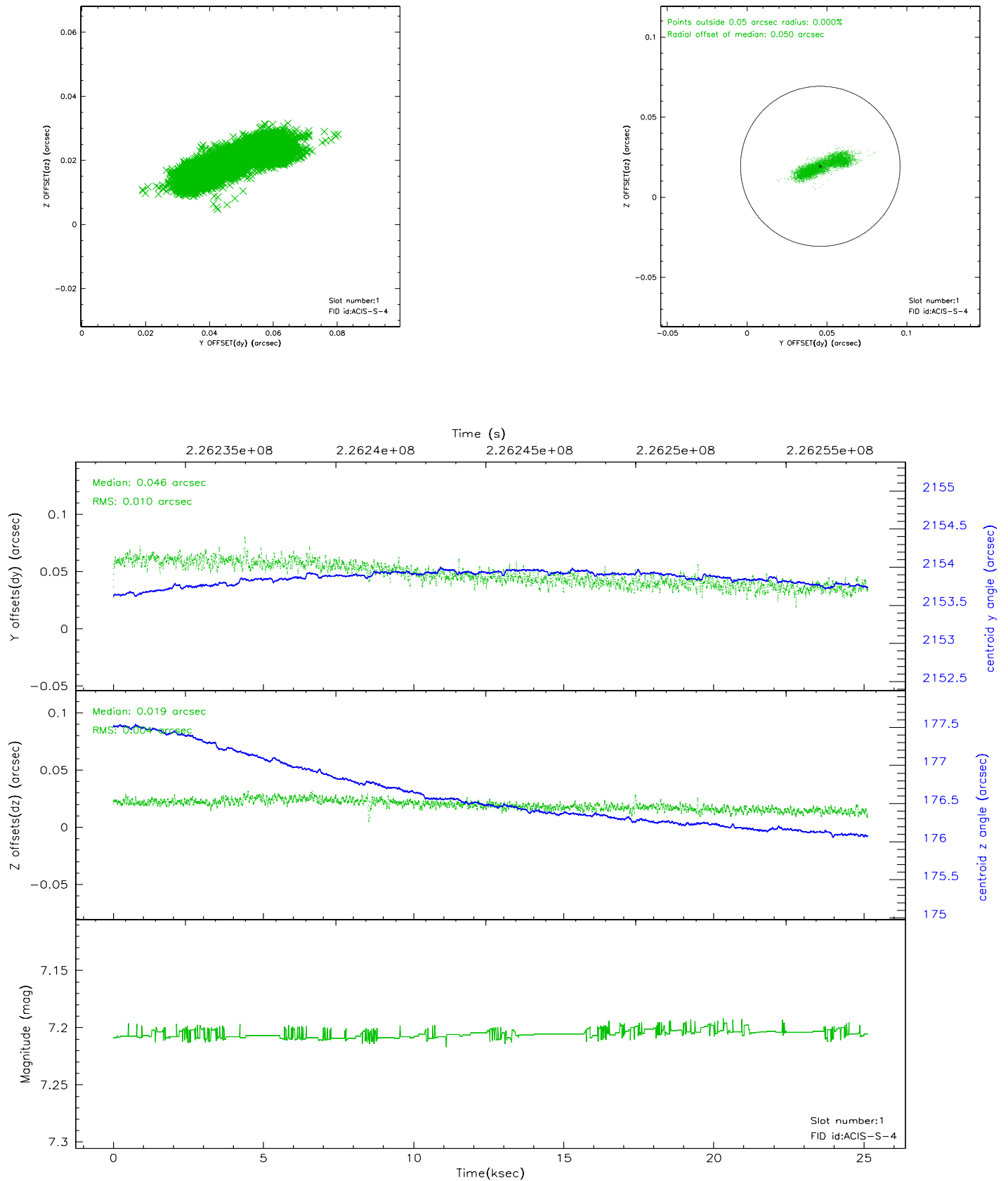


2.5 FID Slots

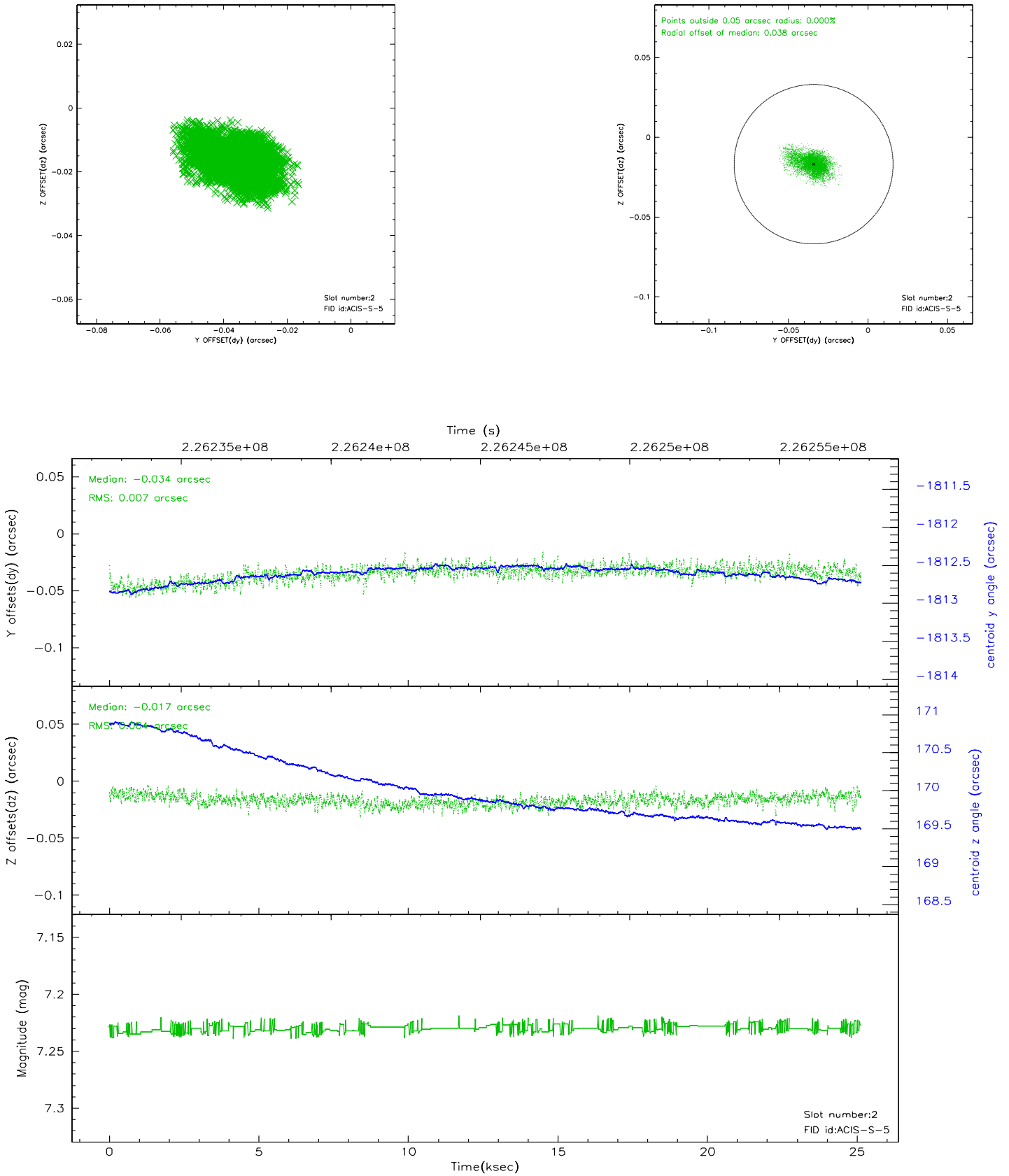
2.5.1 Slot 0



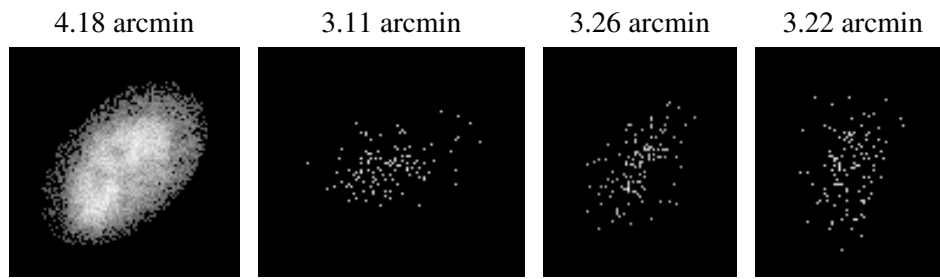
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.128

A.2 Comments

Window constraint satisfied.