

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5449 - L2 Version 002
Chandra X-Ray Center

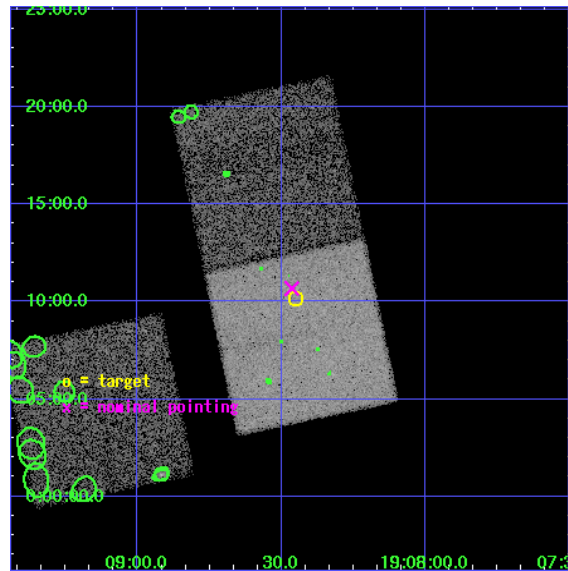
L2 Processing Date: Feb 25 2006

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1 Front

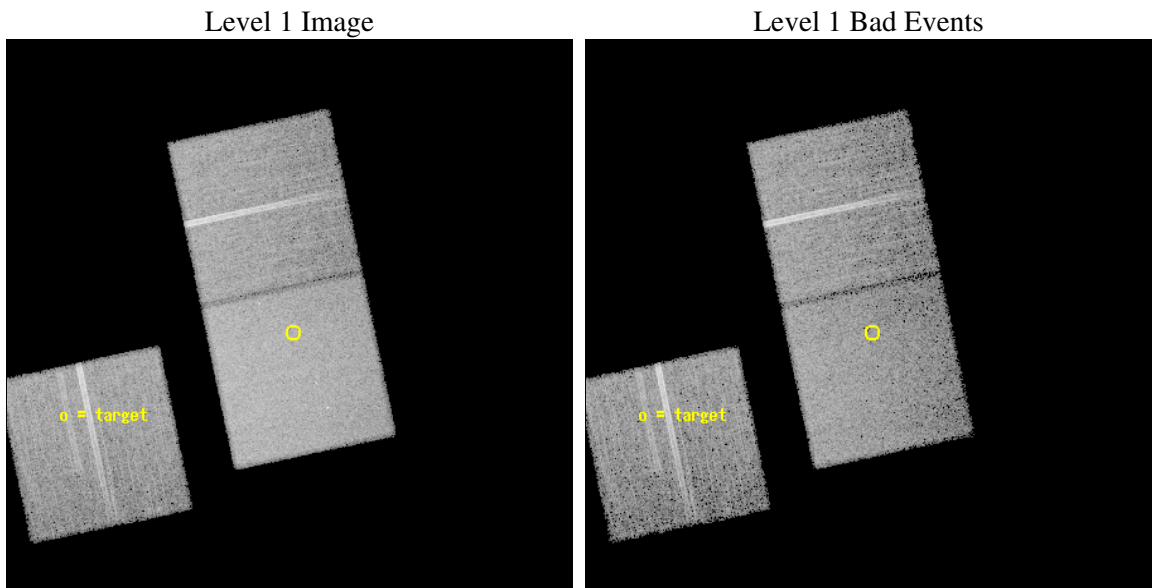
seq_num	400379
obs_id	5449
title	Faint quiescent neutron star soft X-ray transients
observer	Dr Peter Jonker
object	1H 1905+000
dtcycle	0
cycle	P
ra_targ	287.1125
dec_targ	0.168889
ra_nom	287.11608060304
dec_nom	0.1778470995598
roll_nom	78.195642263354
revision	2
ontime	25165.799951613
livetime	24836.990248453
ontime3	25159.518021107
ontime6	25162.658981353
ontime7	25165.799951613
l2events	137873



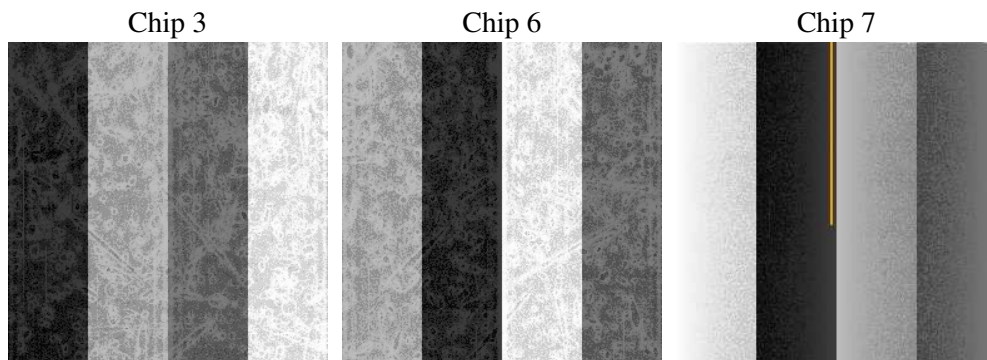
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-25T08:36:53
revision	2

sched_exp_time	25000.000000
ontime	26952.939530283
ontime3	26946.657599777
ontime6	26949.798560023
ontime7	26952.939530283
l1events	668609

2.1.4 Events

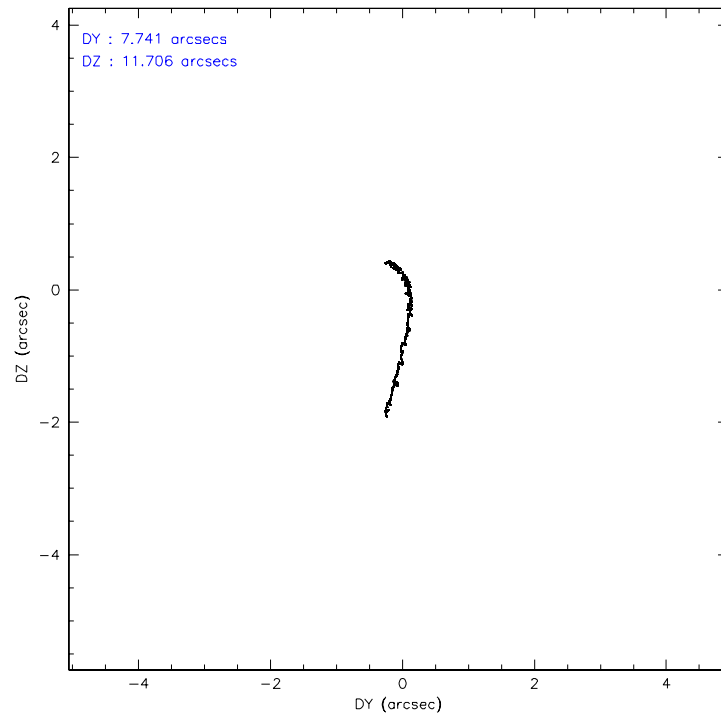
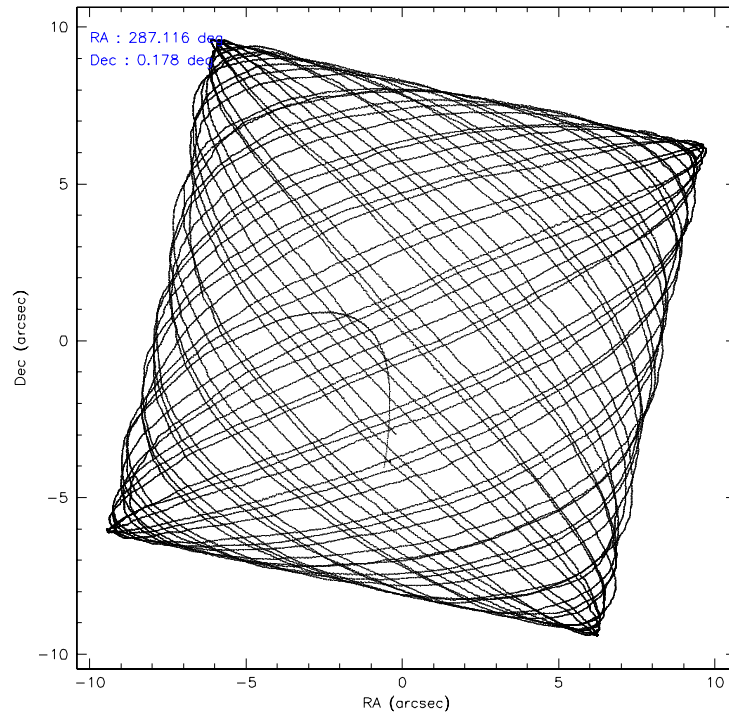
	ccd 3	ccd 6	ccd 7
level 1 events	189970	205747	272892
rejected events	167787	182094	174487
rejected %	88%	88%	63%

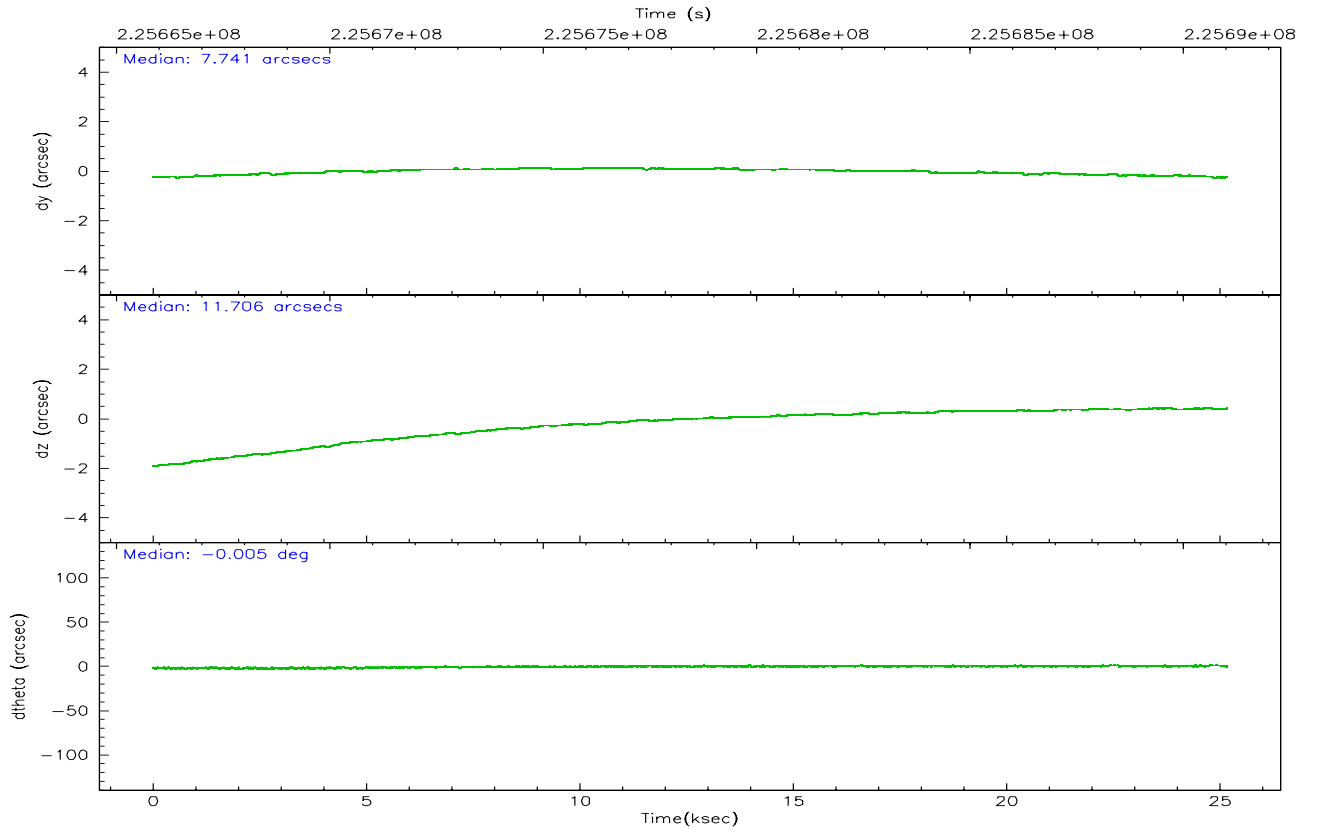
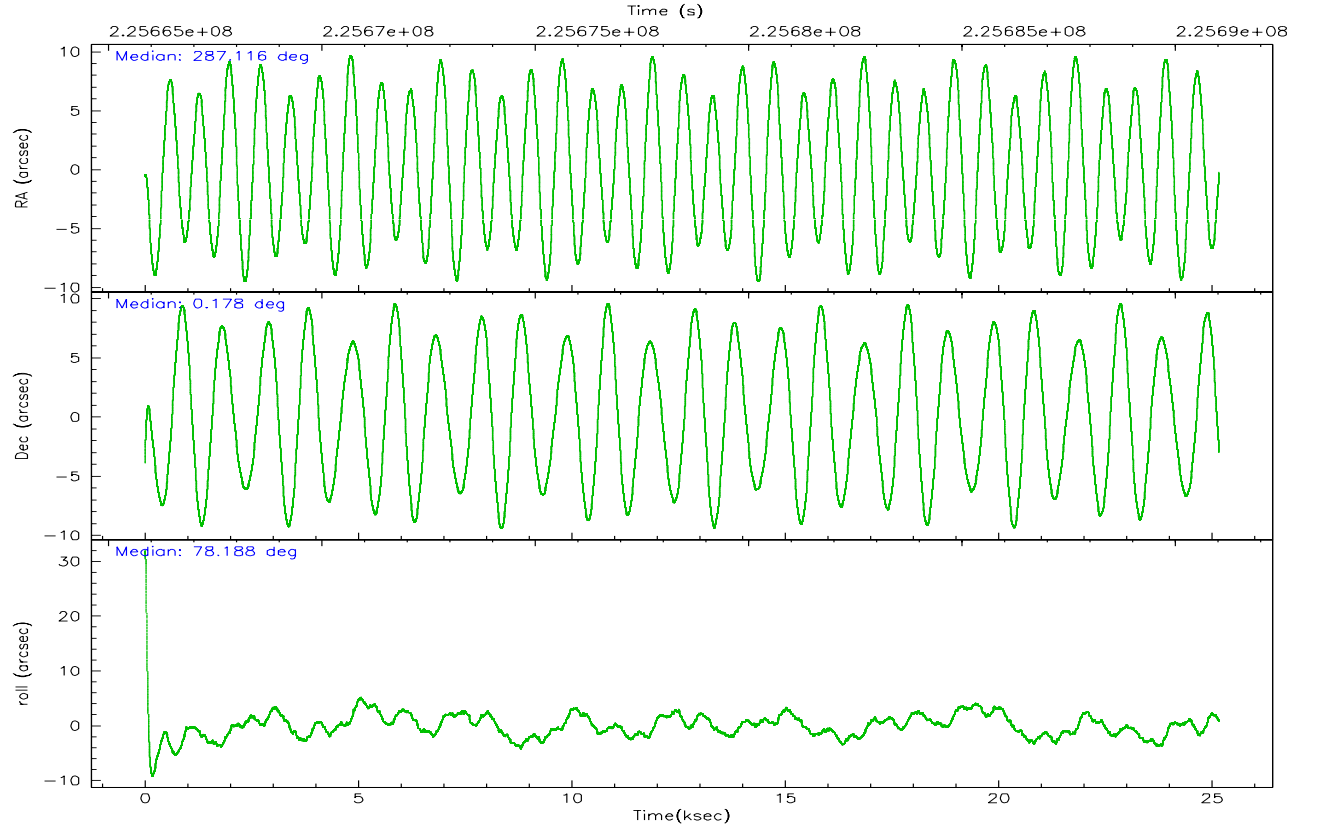
	ccd 3	ccd 6	ccd 7
grade 0 events	10758	10710	6439
	5%	5%	2%
grade 1 events	115	104	156
	0%	0%	0%
grade 2 events	4361	4987	26333
	2%	2%	9%
grade 3 events	2301	2404	5362
	1%	1%	1%
grade 4 events	2269	2424	5096
	1%	1%	1%
grade 5 events	8806	9468	17596
	4%	4%	6%
grade 6 events	4054	4781	62262
	2%	2%	22%
grade 7 events	157306	170869	149648
	82%	83%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-367	ACIS-367	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	287.124956	287.1160806030414	Alternating exposures requested	N	N
Pointing Dec	0.152115	0.1778470995597973	Primary exposure time	0.000000	3.1
Pointing Roll	78.038975	78.19564226335447			
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	225666024.184000	225664070.26359			
Observation start date	2005-02-24T20:59:20	2005-02-24T20:27:50			
Observation end time	225691024.184000	225691670.43984			
Observation end date	2005-02-25T03:56:00	2005-02-25T04:07:50			
Read mode	TIMED	TIMED			

2.3 Aspect



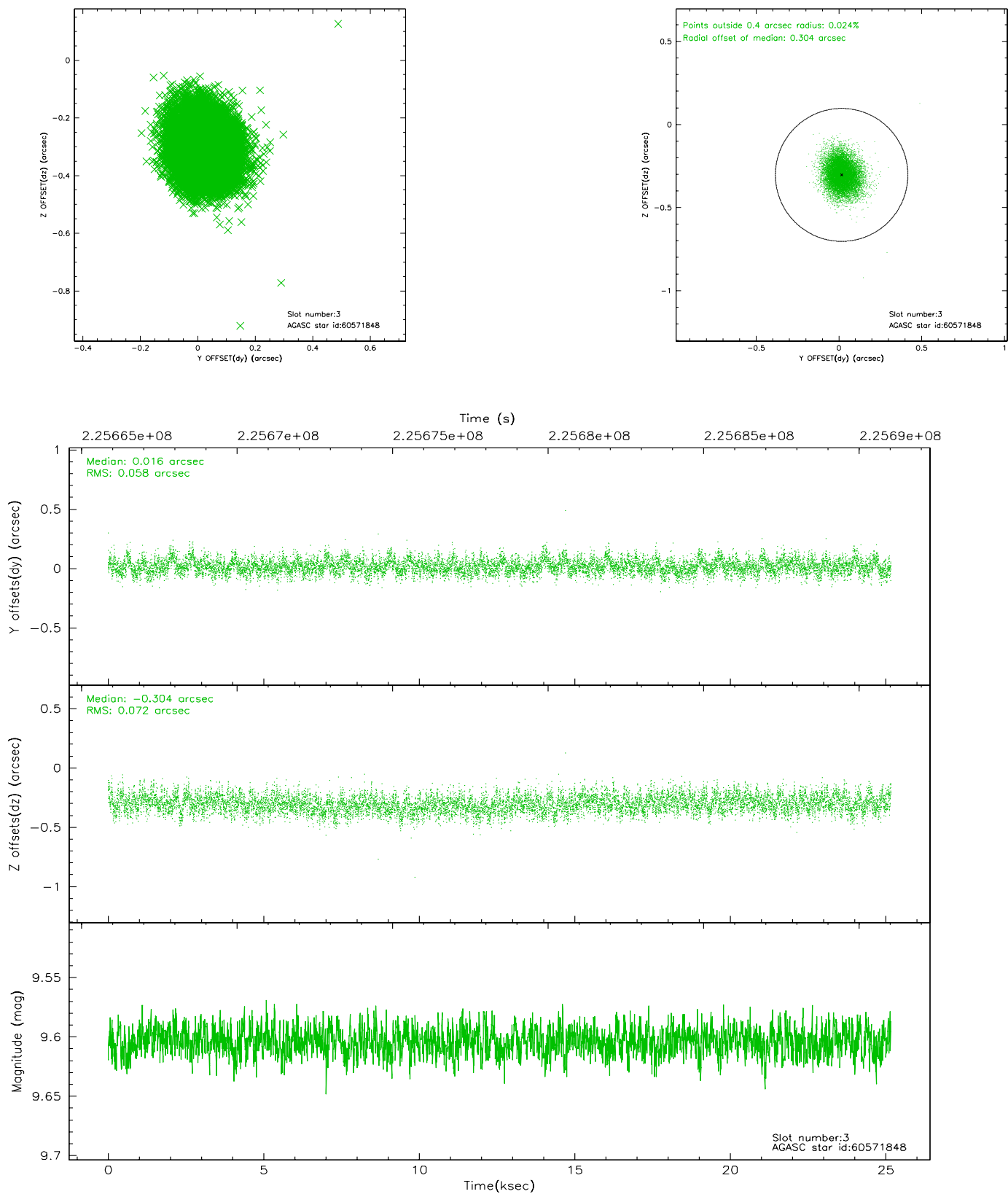


Slot Statistics

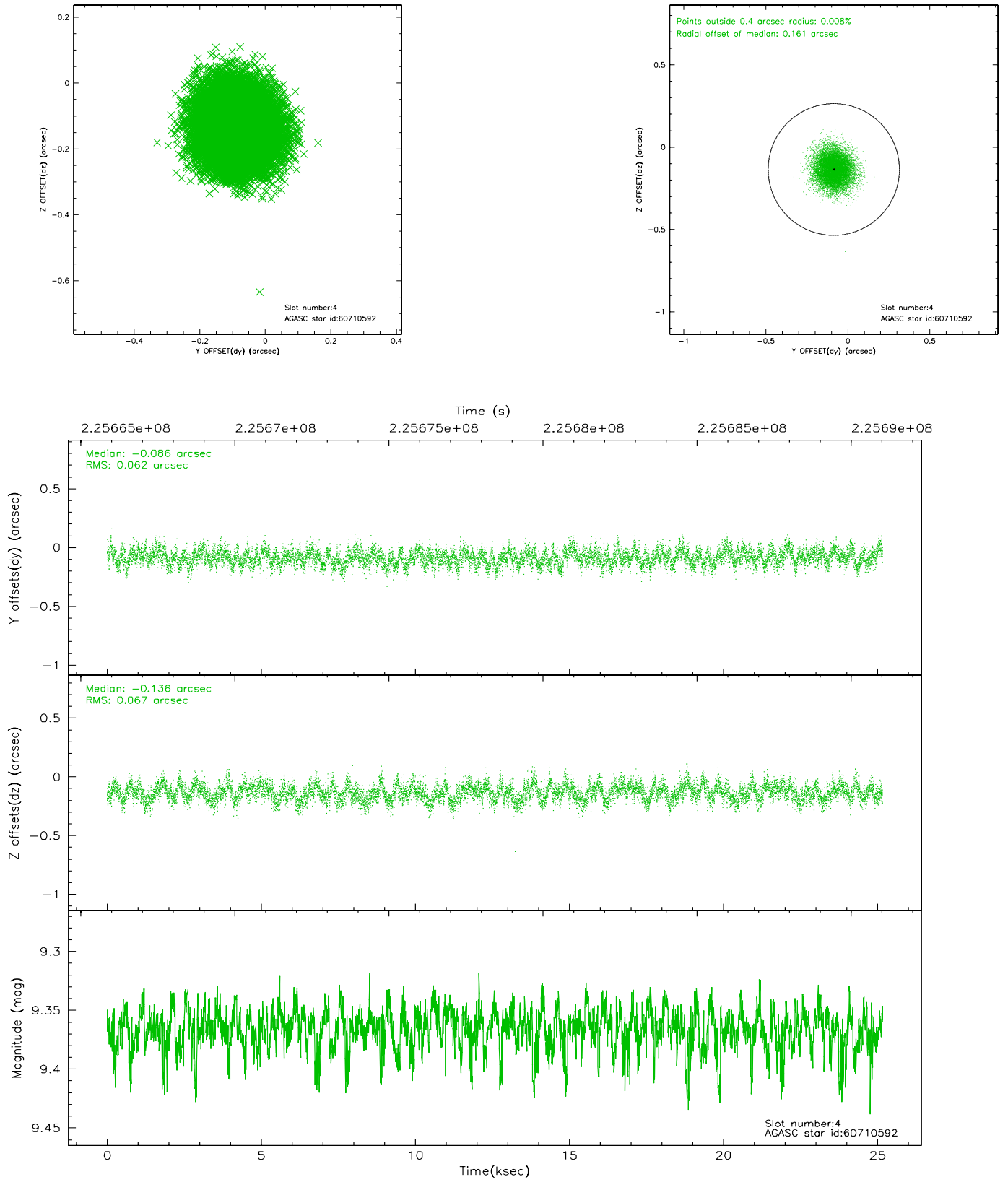
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6139	-0.020	-0.001	0.014	0.038	0.000000	0.000000	-760.49	-1732.68
1	FID	ACIS-S-4	7.20	6139	0.038	0.004	0.012	0.026	0.000000	0.000000	2152.77	175.72
2	FID	ACIS-S-6	7.34	6138	-0.043	0.004	0.010	0.017	0.000000	0.000000	401.60	813.23
3	GUIDE	60571848	9.60	12274	0.016	-0.304	0.098	0.159	286.580175	0.131372	-479.51	1902.97
4	GUIDE	60710592	9.36	12270	-0.086	-0.136	0.098	0.157	287.035703	0.265770	333.65	399.30
5	GUIDE	60718872	9.38	12274	-0.108	0.284	0.085	0.138	287.679270	0.108754	261.27	-1984.03
6	GUIDE	672270944	6.81	12279	0.056	-0.026	0.052	0.082	287.464983	-0.428115	-1789.36	-1630.73
7	GUIDE	672276928	8.46	12278	0.118	0.183	0.067	0.107	287.532809	-0.439826	-1780.06	-1878.07

2.4 Star Slots

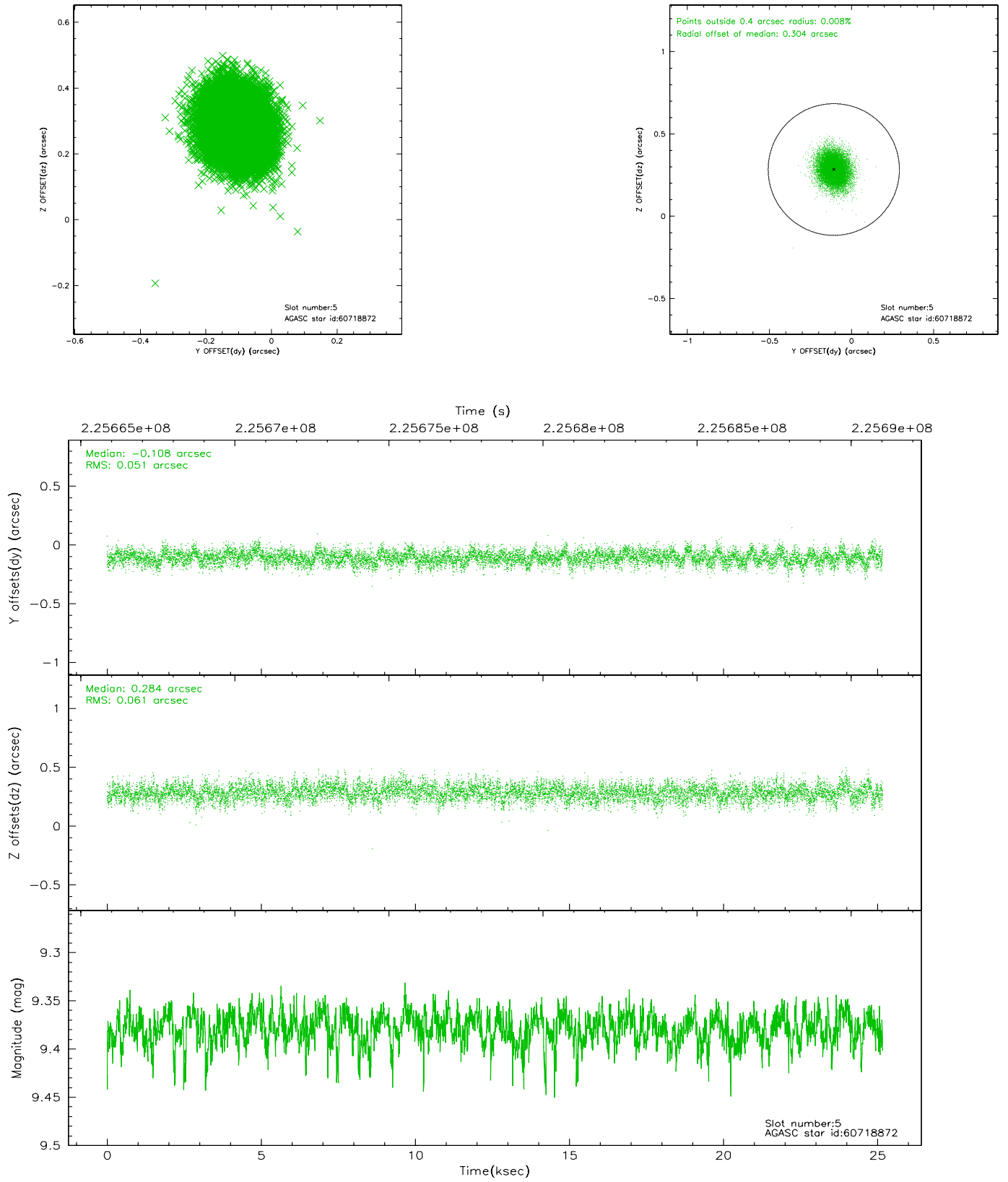
2.4.1 Slot 3



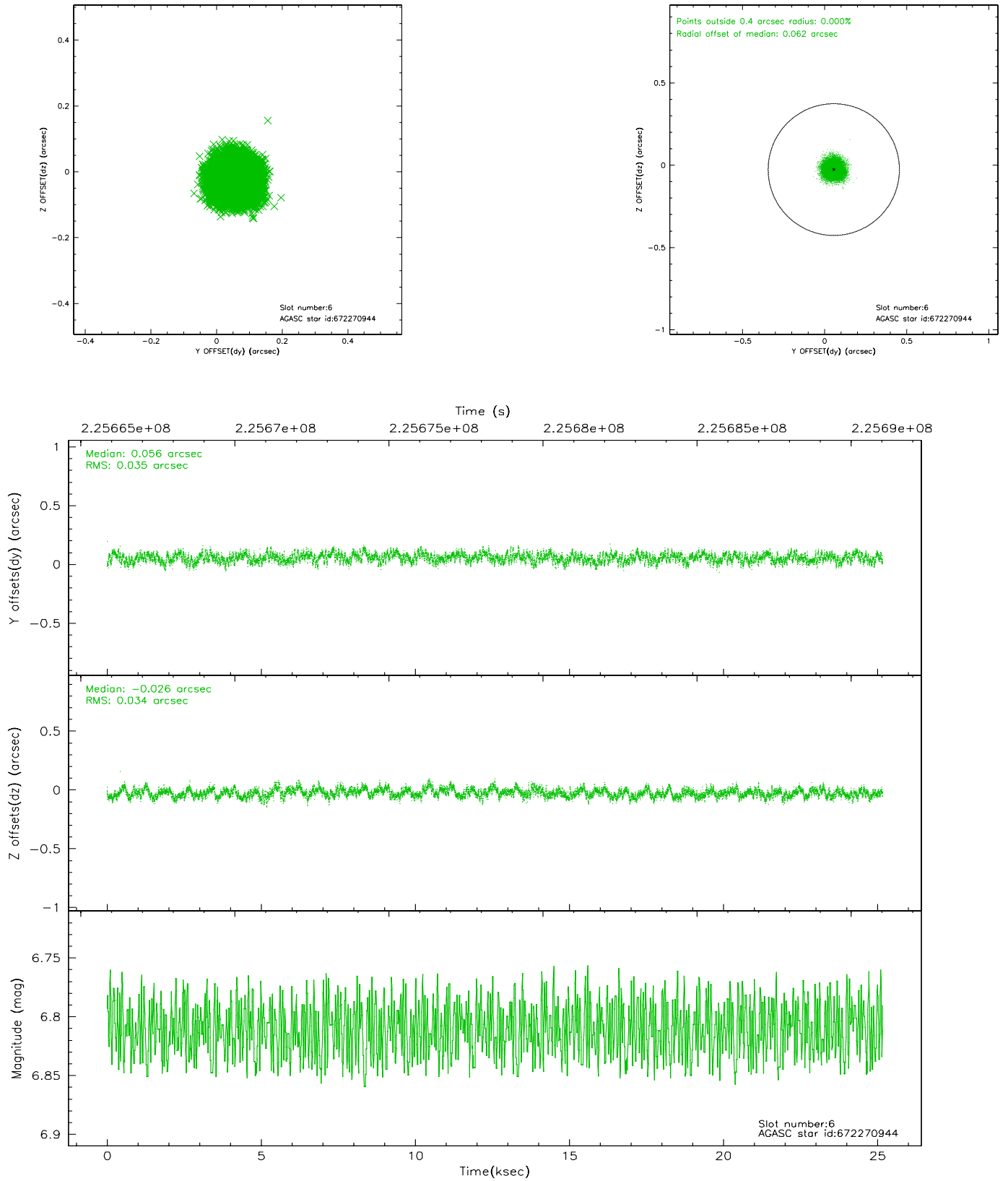
2.4.2 Slot 4



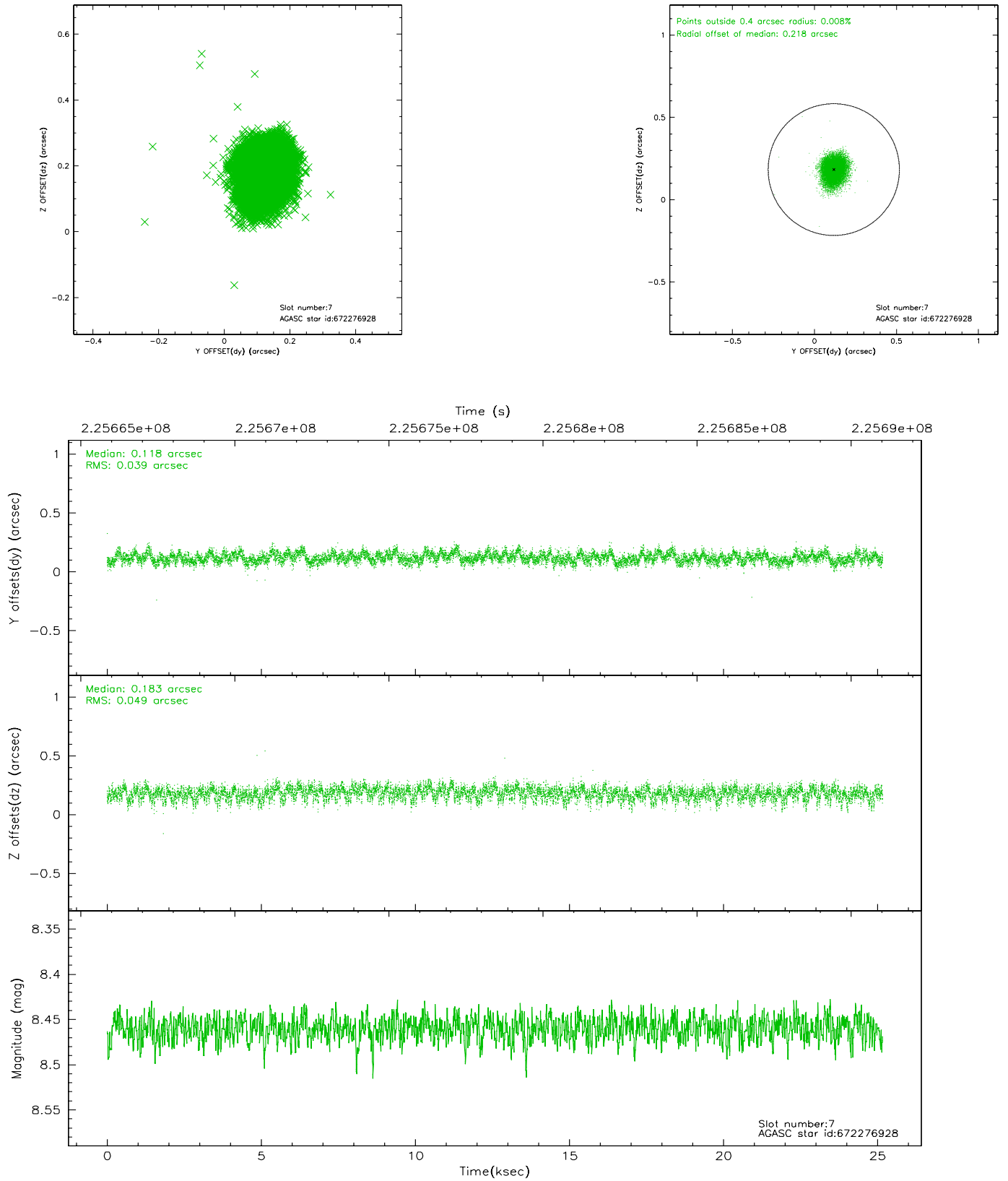
2.4.3 Slot 5



2.4.4 Slot 6

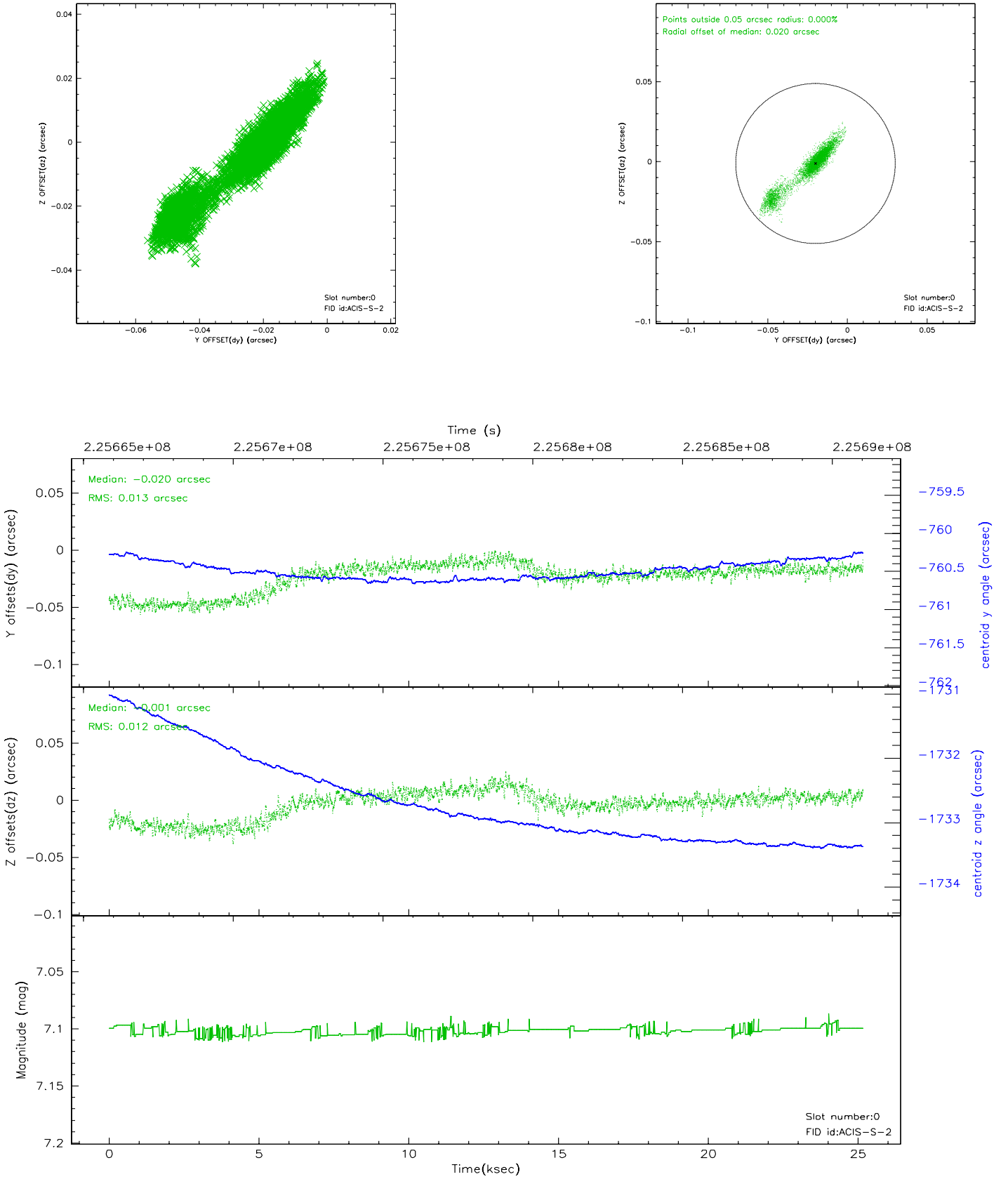


2.4.5 Slot 7

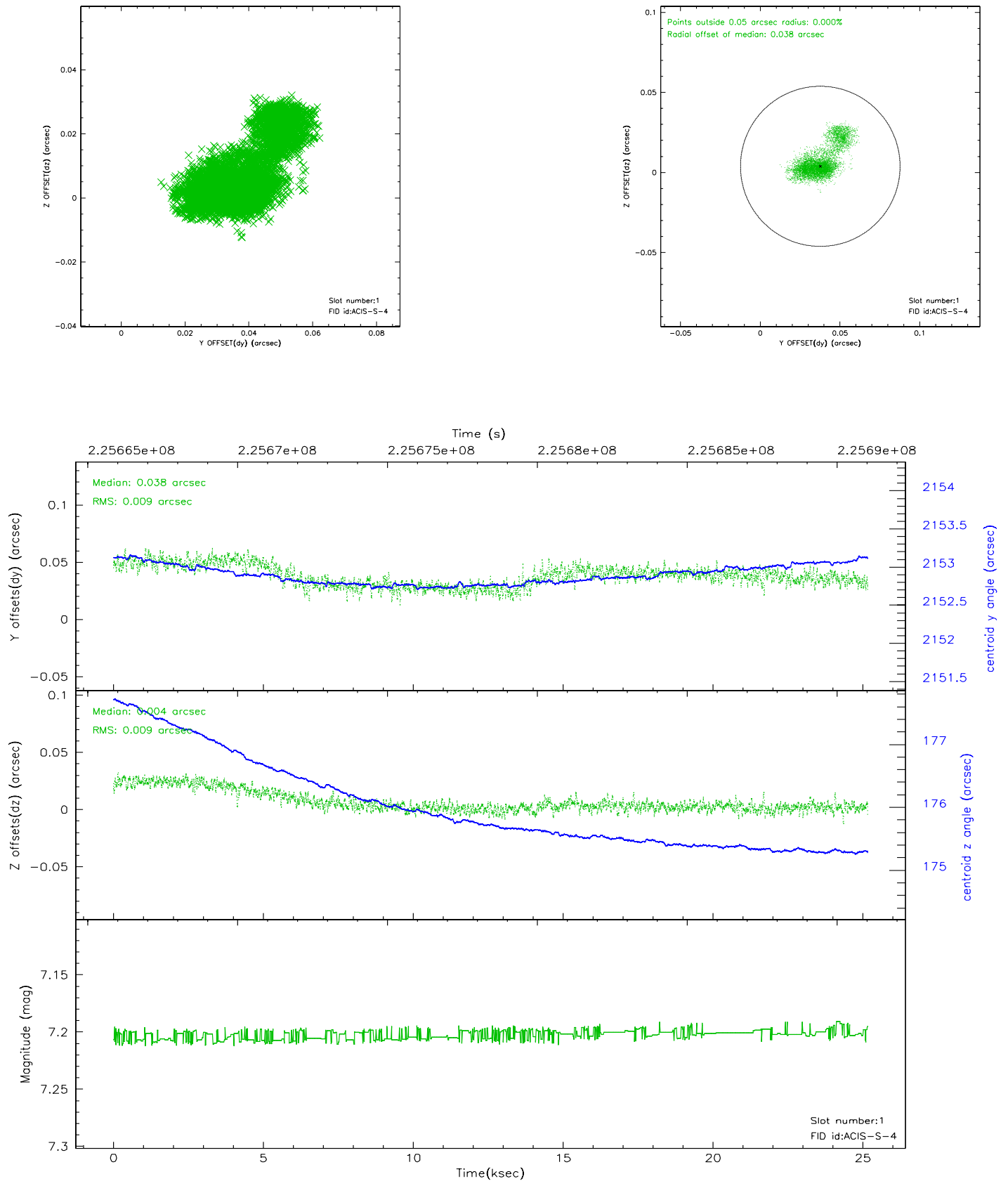


2.5 FID Slots

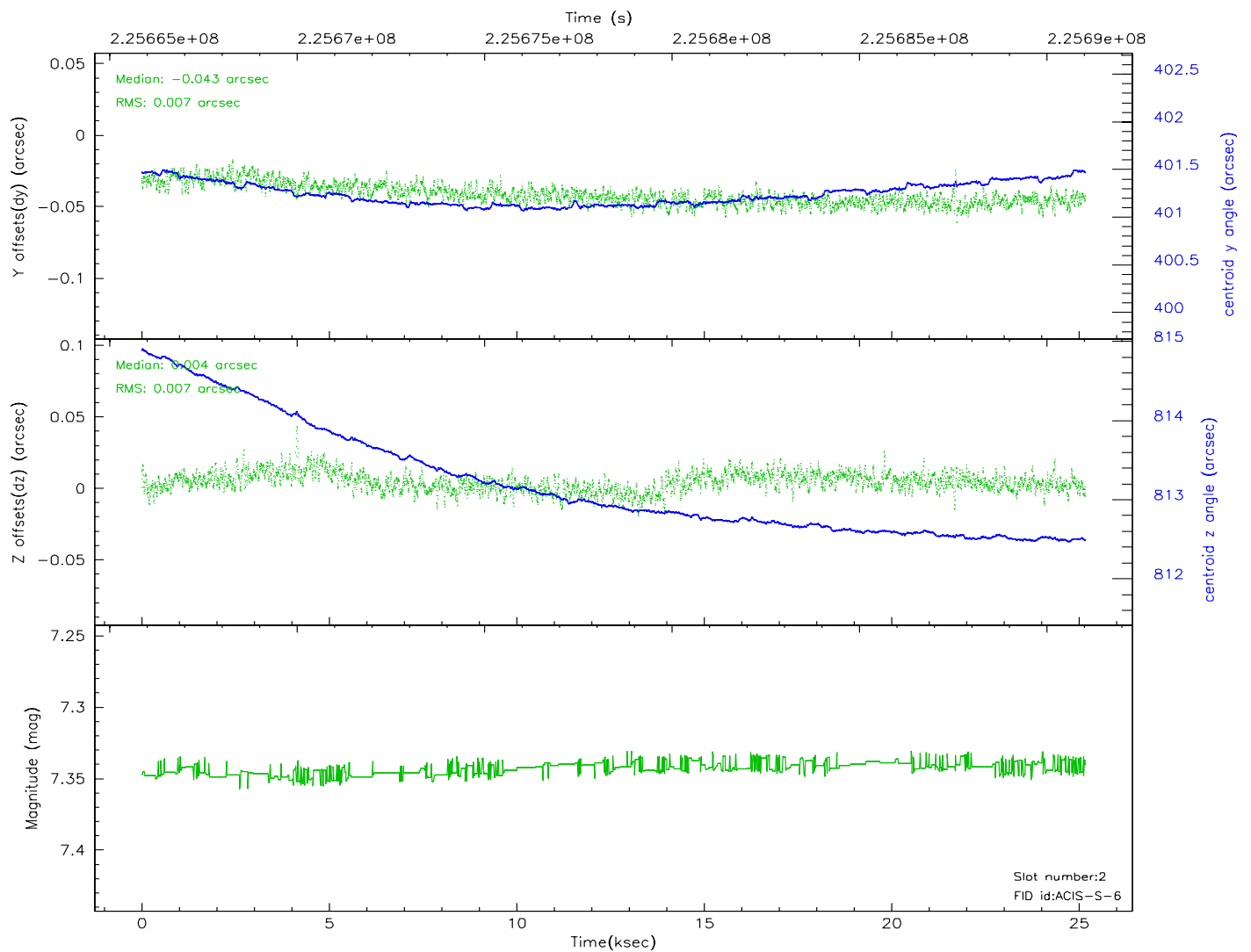
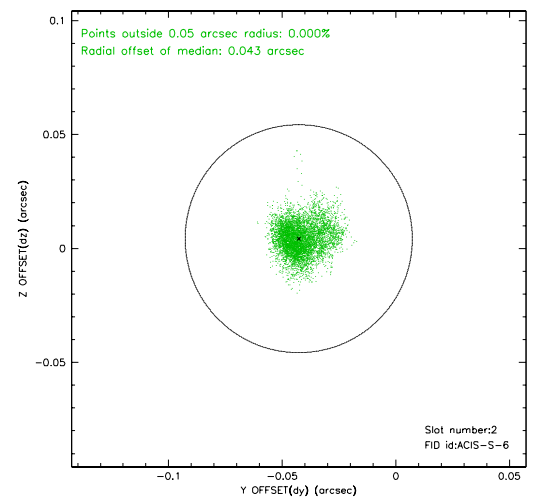
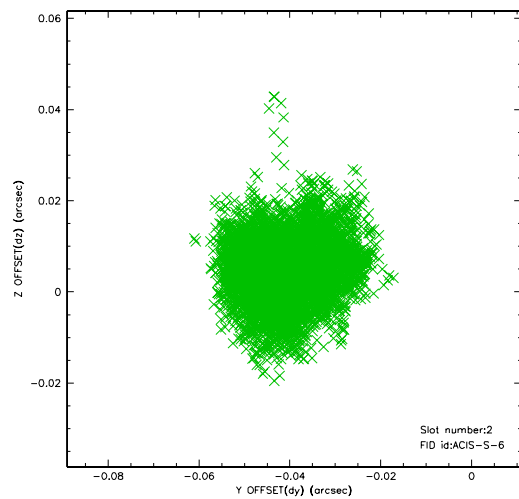
2.5.1 Slot 0



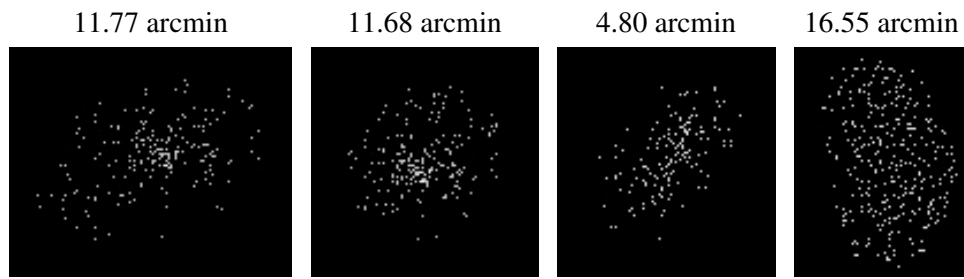
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.16579

A.2 Comments