

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3449 - L2 Version 001
Chandra X-Ray Center

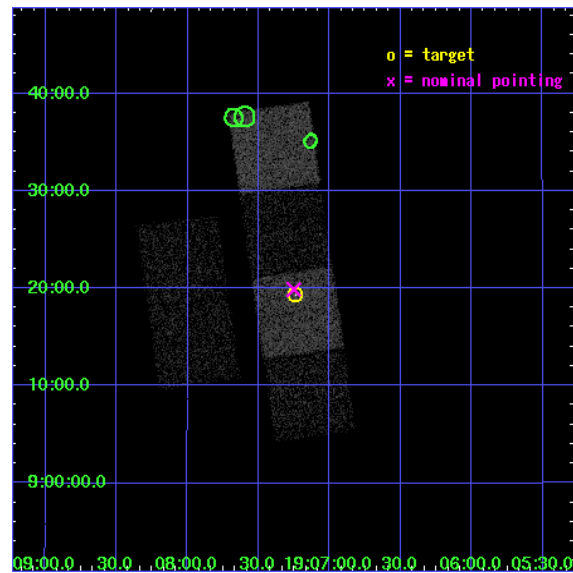
L2 Processing Date : Sep 6 2006

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1 Front

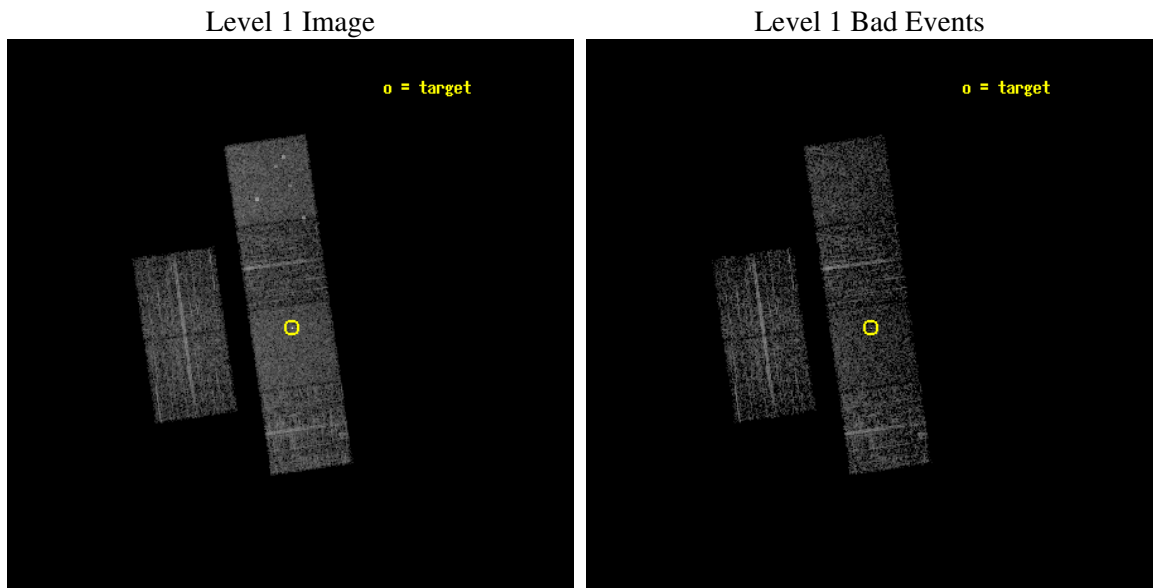
seq_num	500292
obs_id	3449
title	TOO OBSERVATIONS OF SGR 1900+14 IN AN UNUSUAL ACTIVE STATE
observer	Dr. Peter Woods
object	SGR 1900+14
dtcycle	0
cycle	P
ra_targ	286.809708
dec_targ	9.32225
ra_nom	286.81292140783
dec_nom	9.331404491063
roll_nom	81.75490695142
revision	2
ontime	2662.4000024796
livetime	2628.6870905433
ontime2	2662.4000024796
ontime3	2662.4000024796
ontime5	2662.4000024796
ontime6	2662.4000024796
ontime7	2662.4000024796
ontime8	2659.1591219604
l2events	28120



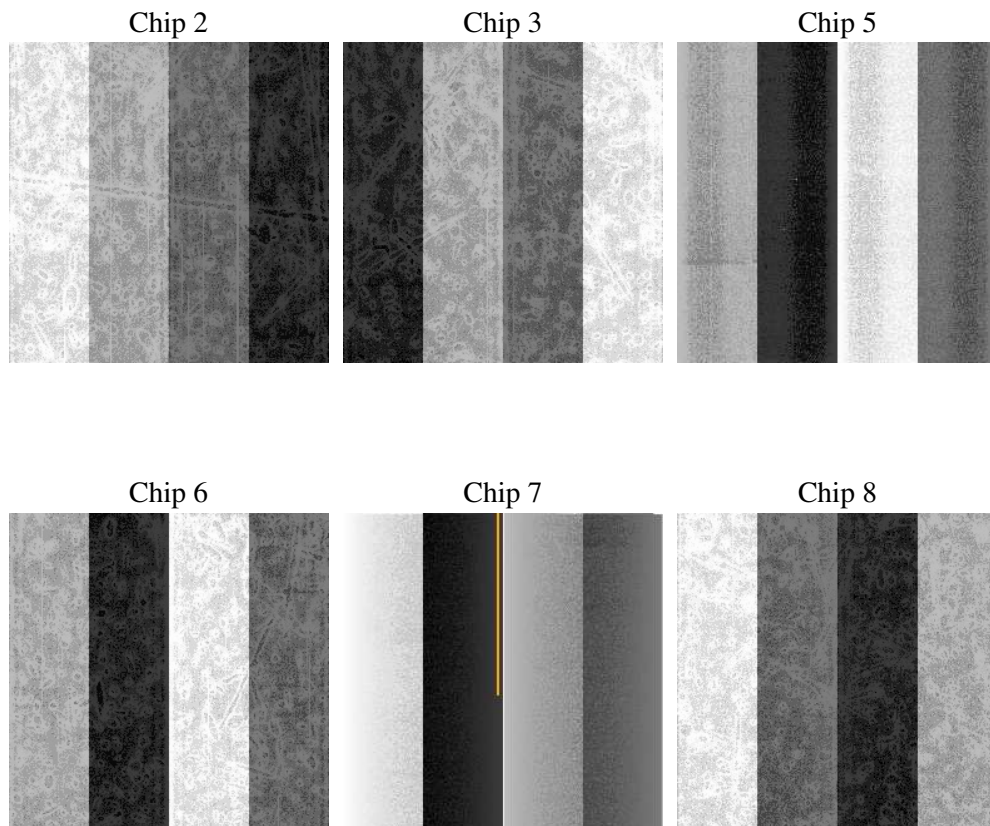
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-06T15:08:49
revision	2

sched_exp_time	2700.000000
ontime	2667.3428281099
ontime2	2667.3428281099
ontime3	2667.3428281099
ontime5	2667.3428281099
ontime6	2667.3428281099
ontime7	2667.3428281099
ontime8	2664.1019475907
l1events	127581

2.1.4 Events

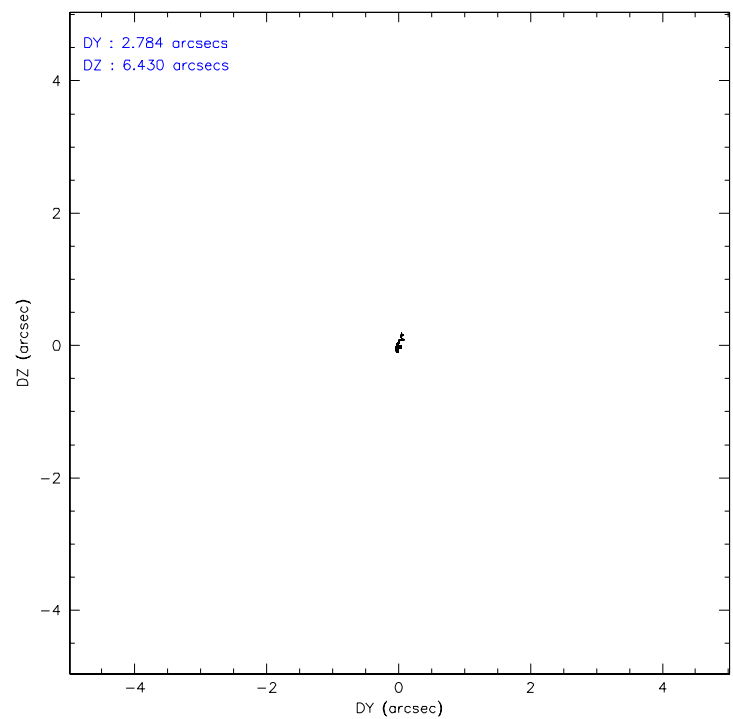
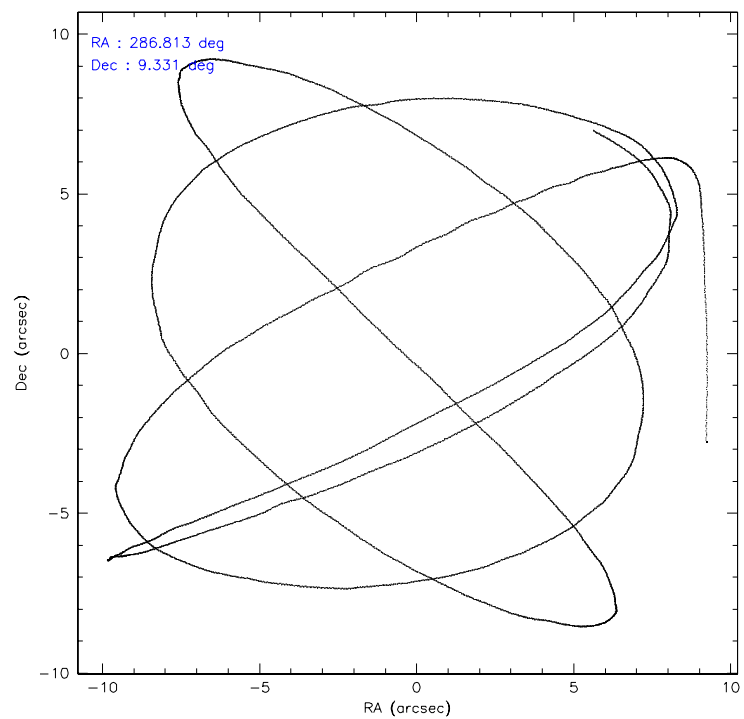
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	18655	18601	25984	17443	23896	23002
rejected events	16304	16473	14276	15182	14000	17824
rejected %	87%	88%	54%	87%	58%	77%

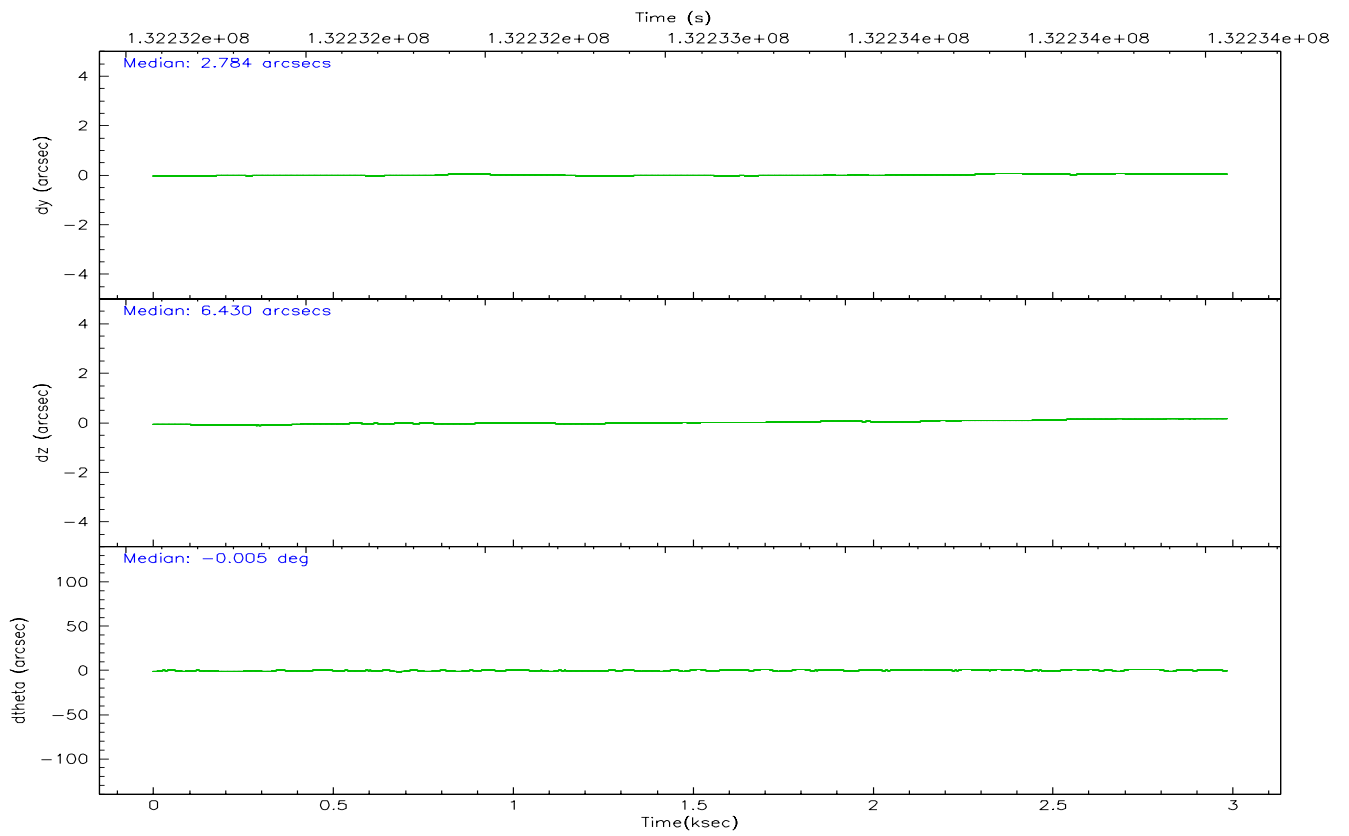
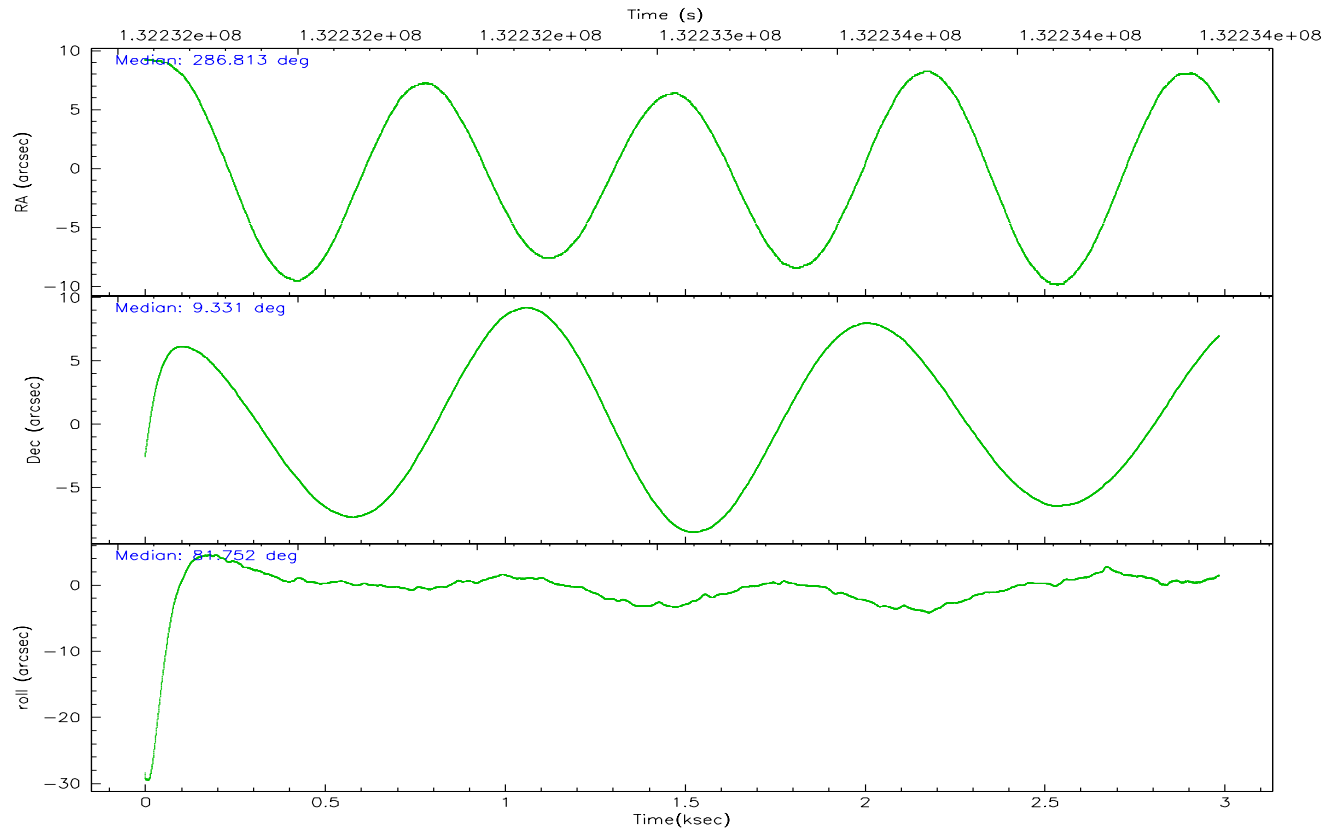
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1046	915	1301	931	683	1618
	5%	4%	5%	5%	2%	7%
grade 1 events	13	8	32	7	25	15
	0%	0%	0%	0%	0%	0%
grade 2 events	525	408	3523	450	2473	1094
	2%	2%	13%	2%	10%	4%
grade 3 events	191	195	268	204	566	620
	1%	1%	1%	1%	2%	2%
grade 4 events	211	227	232	237	519	544
	1%	1%	0%	1%	2%	2%
grade 5 events	637	758	1247	741	1587	984
	3%	4%	4%	4%	6%	4%
grade 6 events	379	385	6402	440	5673	1307
	2%	2%	24%	2%	23%	5%
grade 7 events	15653	15705	12979	14433	12370	16820
	83%	84%	49%	82%	51%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	286.823359	286.812921407825	Alternating exposures requested	N	N
Pointing Dec	9.306275	9.331404491062992	Primary exposure time	0.000000	3.2
Pointing Roll	81.596754	81.7549069514196			
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	132231860.184000	132230831.8788			
Observation start date	2002-03-11T11:03:16	2002-03-11T10:47:11			
Observation end time	132234560.184000	132235348.02898			
Observation end date	2002-03-11T11:48:16	2002-03-11T12:02:28			
Read mode	TIMED	TIMED			

2.3 Aspect



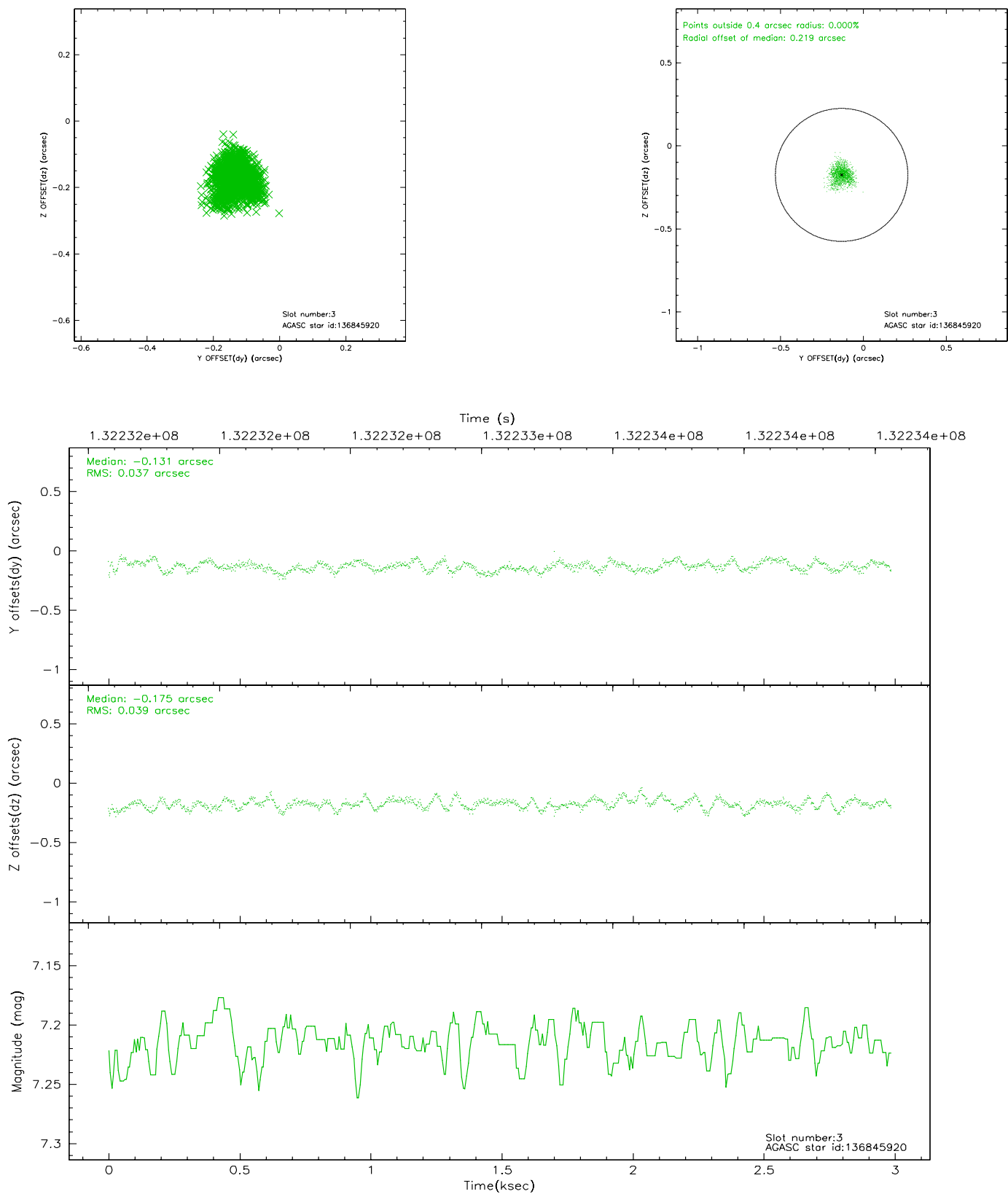


Slot Statistics

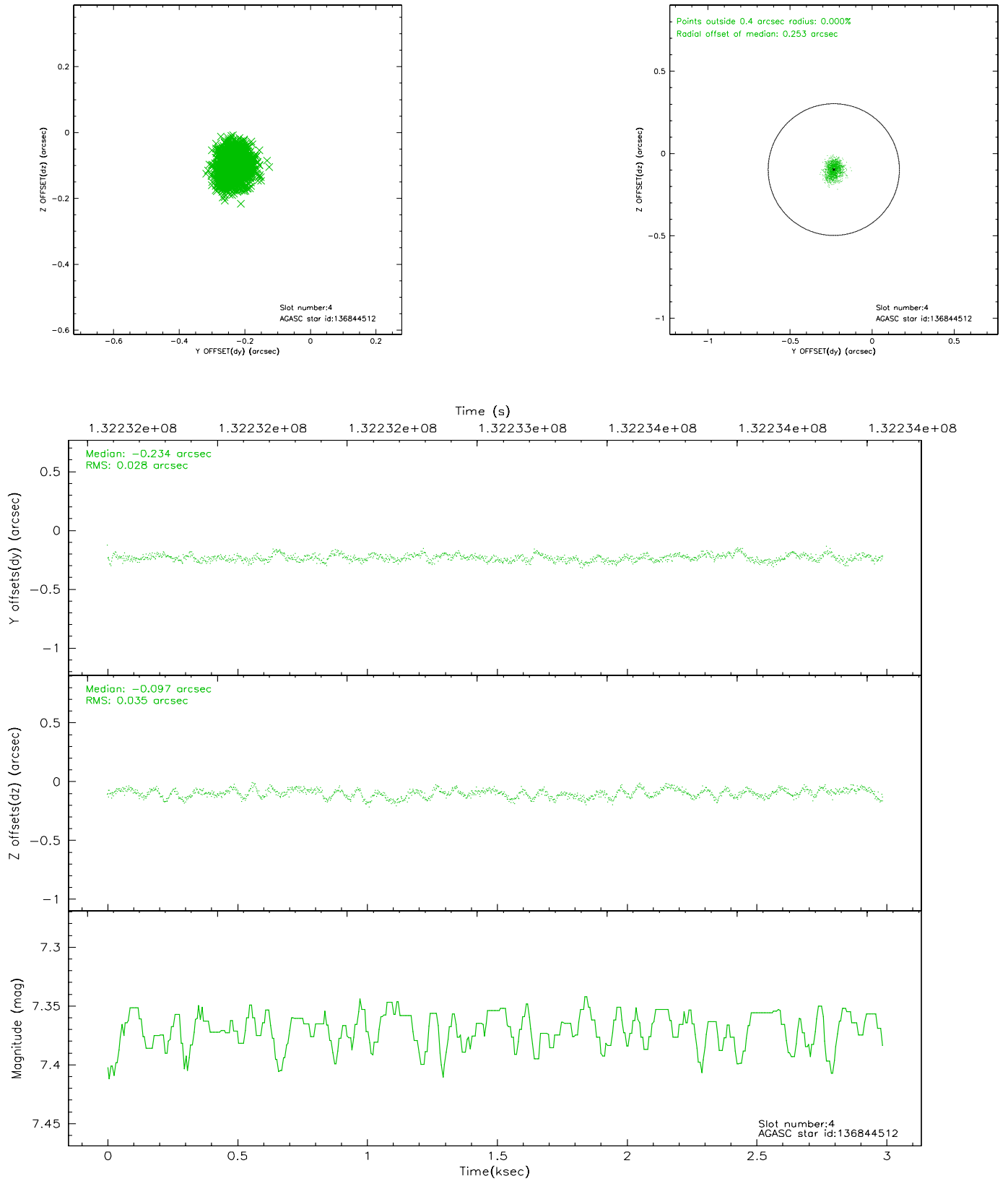
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	729	0.017	0.022	0.005	0.008	0.000000	0.000000	-755.38	-1727.54
1	FID	ACIS-S-4	7.20	729	-0.044	-0.006	0.006	0.010	0.000000	0.000000	2156.84	178.74
2	FID	ACIS-S-6	7.36	729	-0.001	-0.009	0.007	0.013	0.000000	0.000000	409.31	818.55
3	GUIDE	136845920	7.21	1458	-0.131	-0.175	0.058	0.092	286.285607	9.642131	918.18	2064.80
4	GUIDE	136844512	7.37	1458	-0.234	-0.097	0.049	0.076	286.436543	9.770401	1453.17	1603.30
5	GUIDE	136316696	7.90	1458	-0.032	0.162	0.046	0.076	287.190166	9.367792	411.00	-1255.14
6	GUIDE	136323720	8.86	1458	0.253	-0.021	0.081	0.127	286.331708	8.774626	-2147.75	1449.94
7	GUIDE	136317344	9.25	1457	0.139	0.134	0.094	0.150	287.032148	8.921467	-1263.22	-936.04

2.4 Star Slots

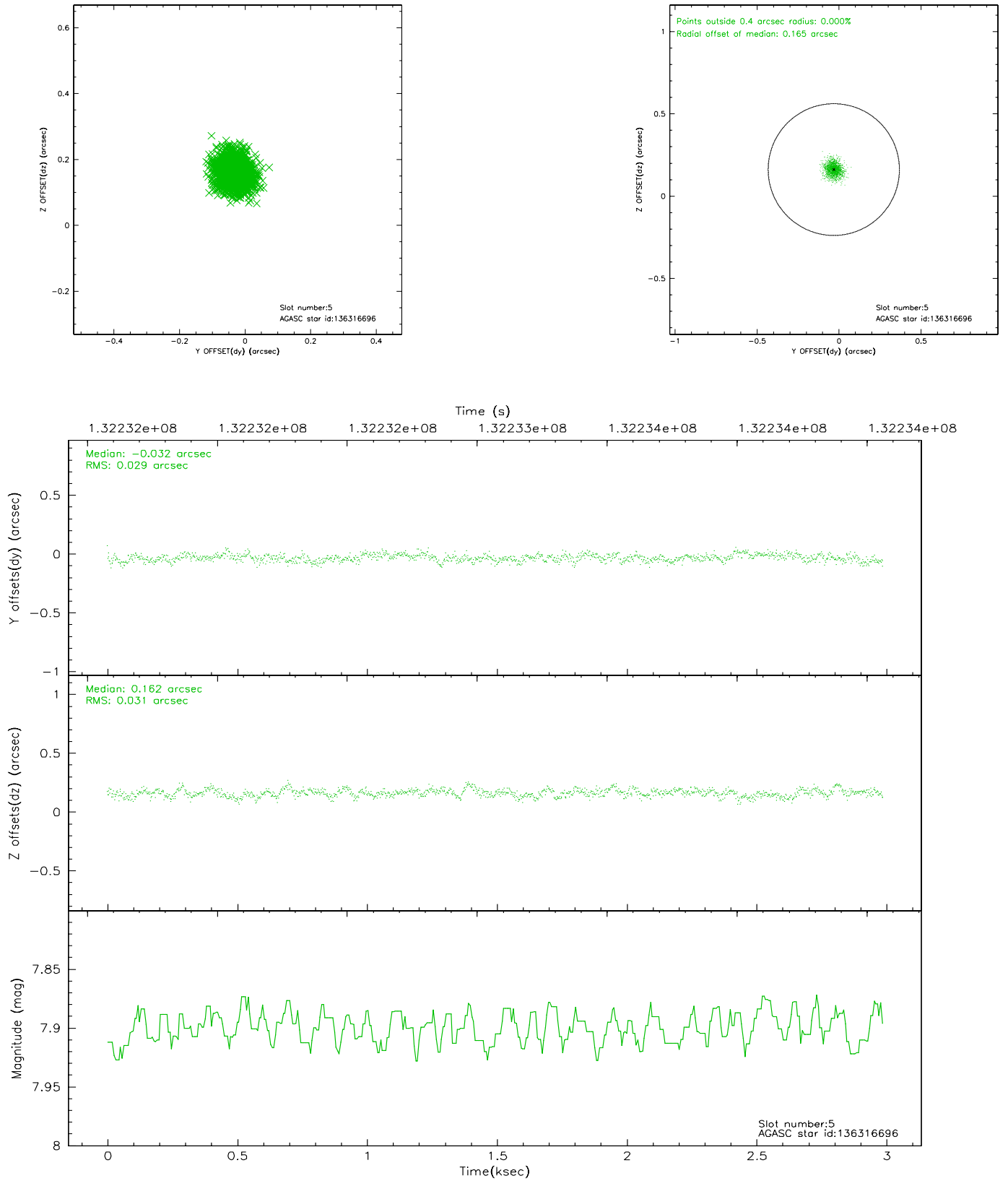
2.4.1 Slot 3



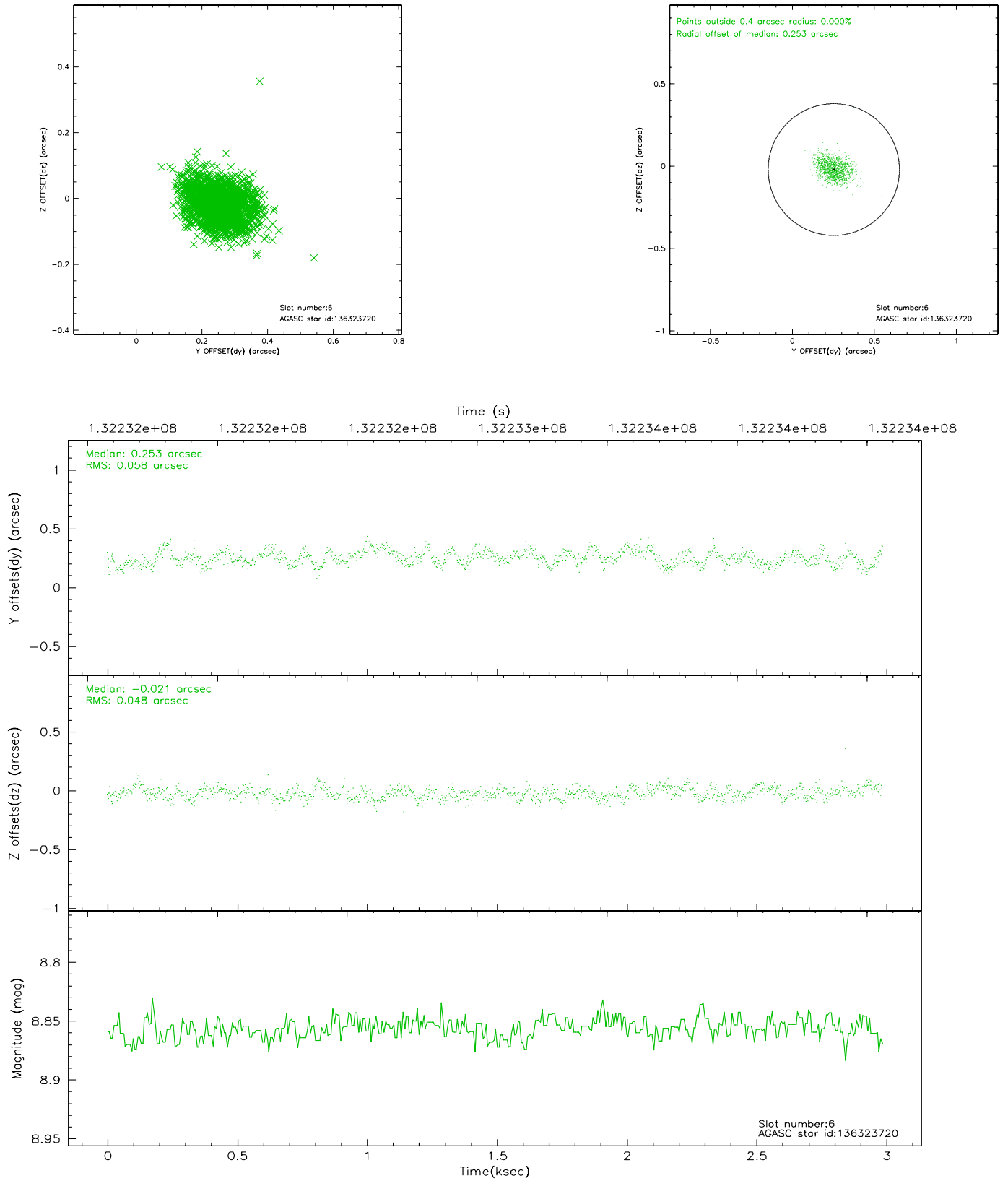
2.4.2 Slot 4



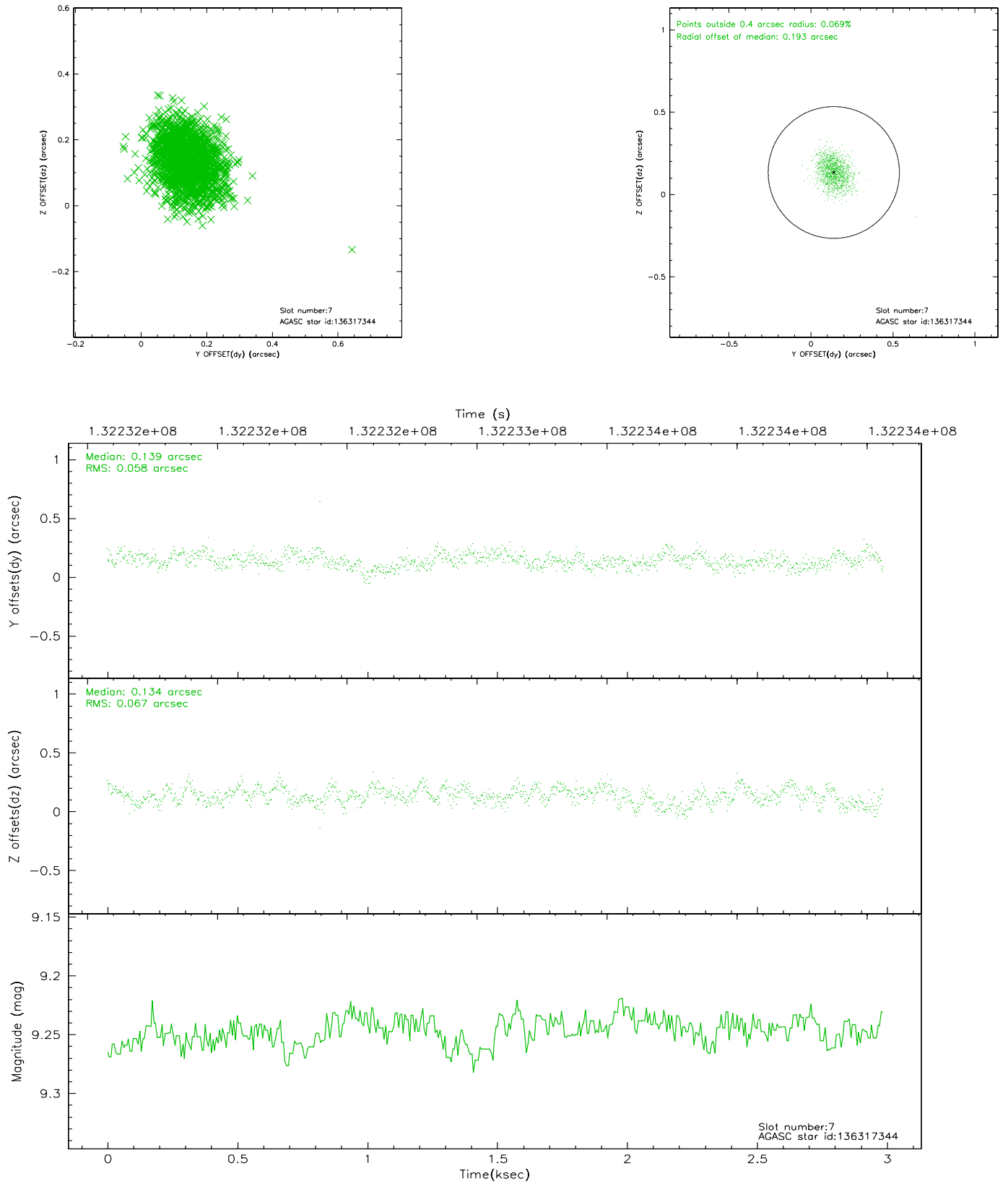
2.4.3 Slot 5



2.4.4 Slot 6

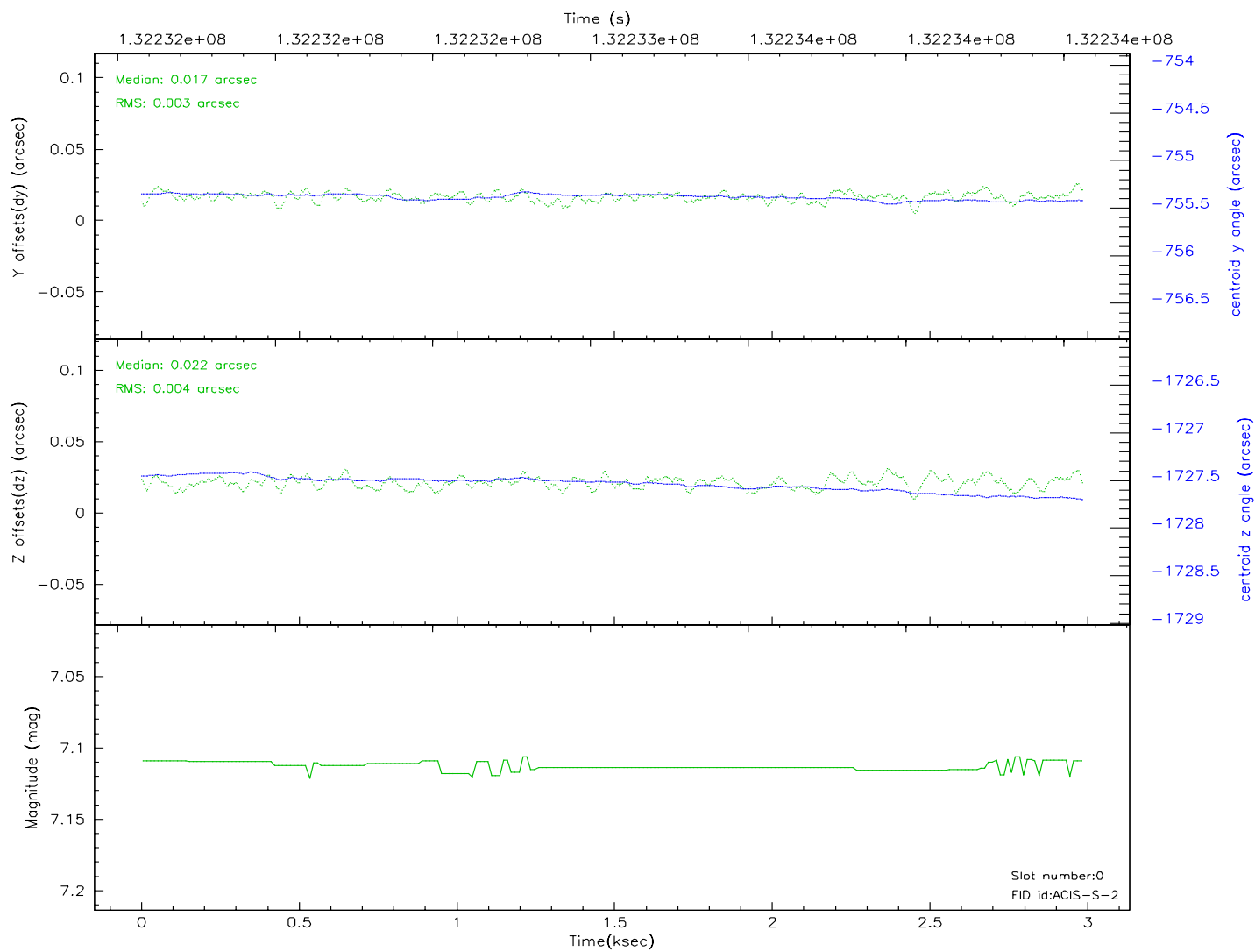
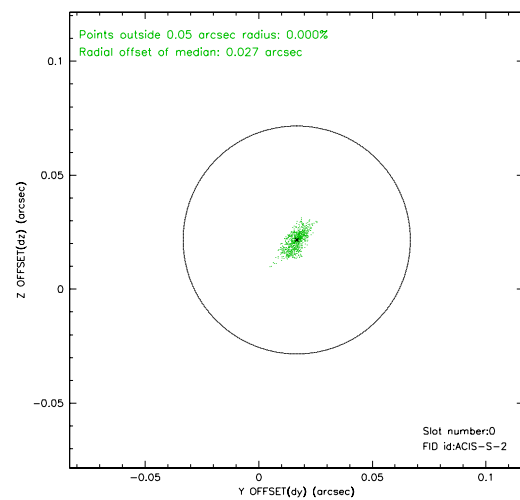
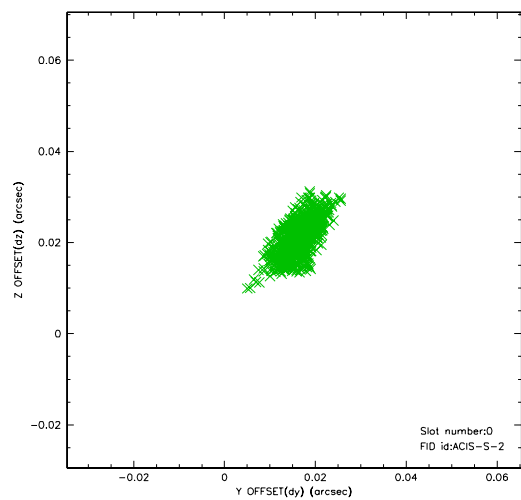


2.4.5 Slot 7

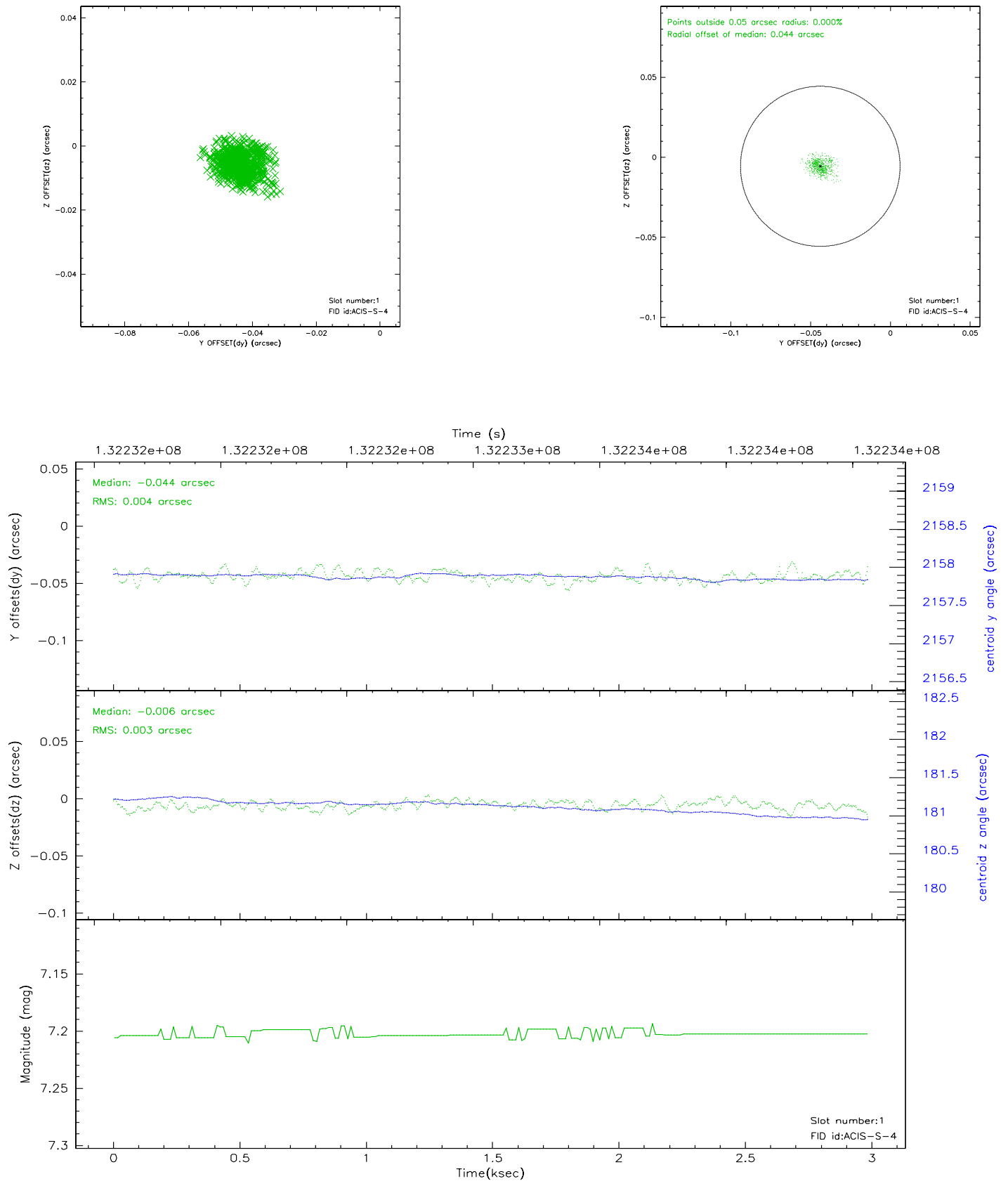


2.5 FID Slots

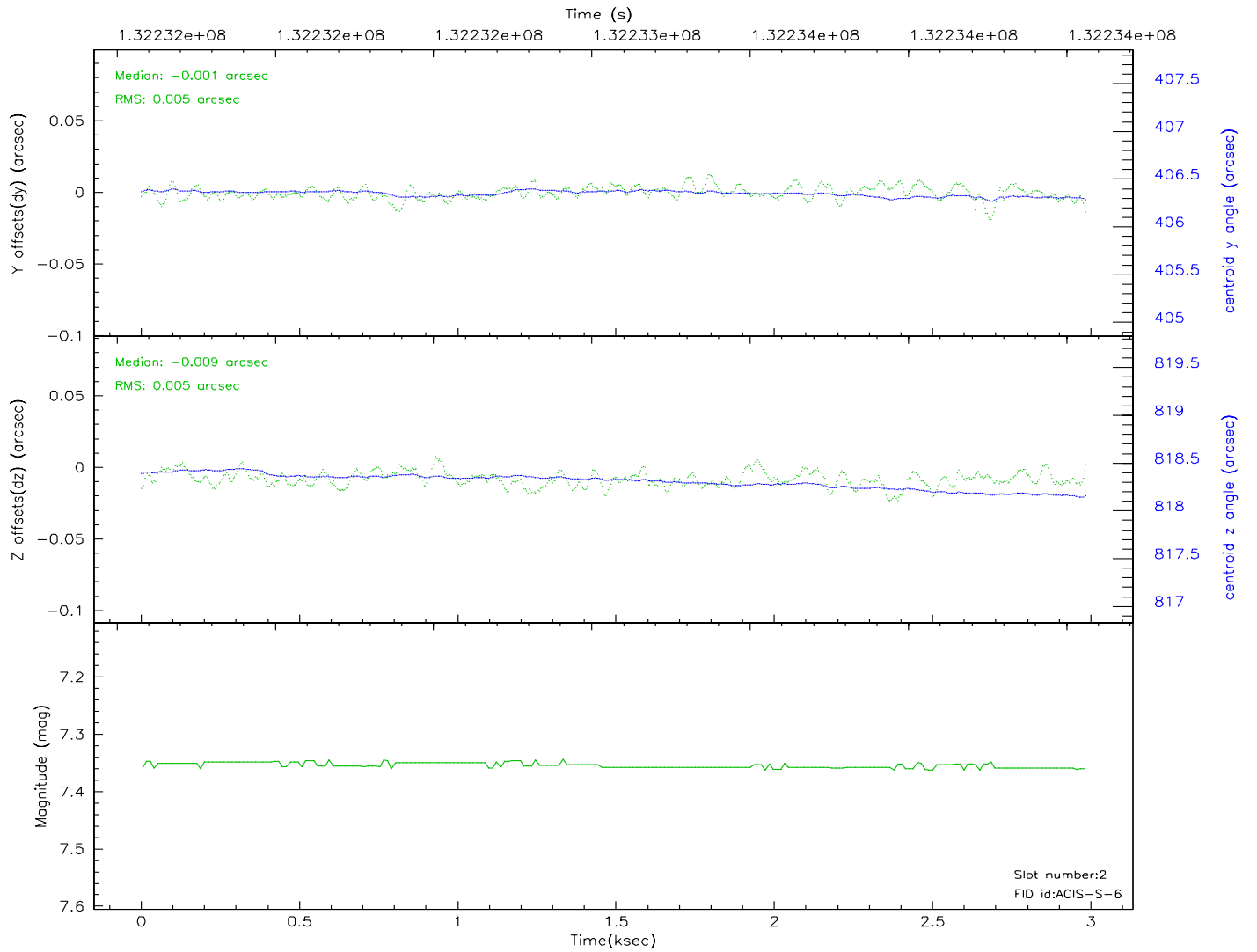
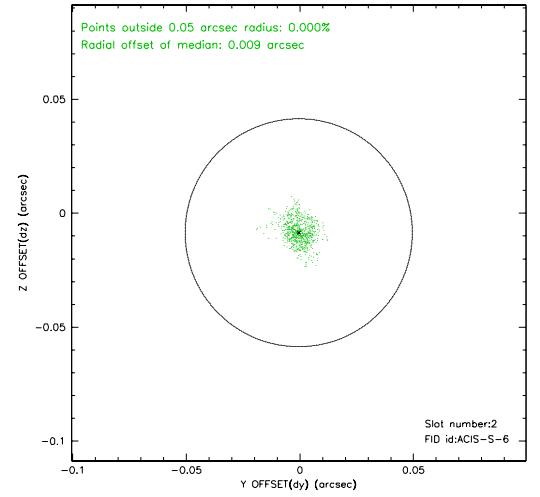
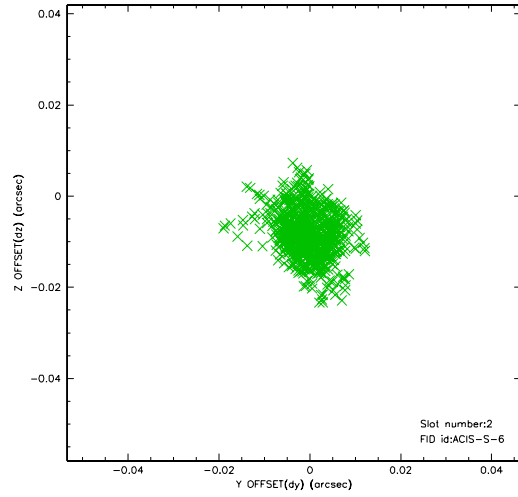
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.67 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.662

A.2 Comments