

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3462 - L2 Version 001
Chandra X-Ray Center

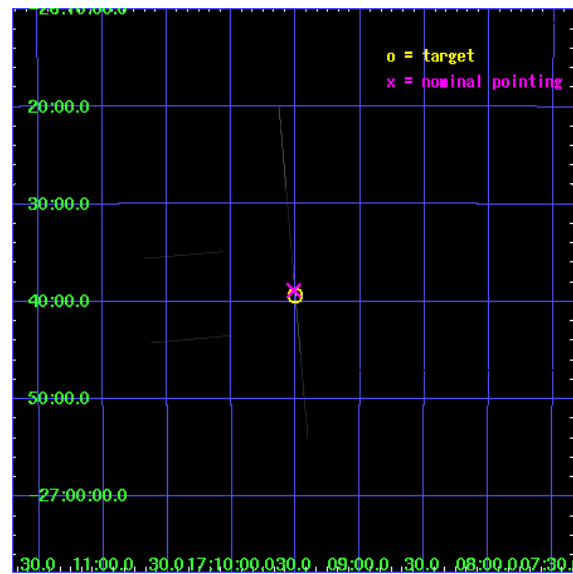
L2 Processing Date : Sep 6 2006

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1 Front

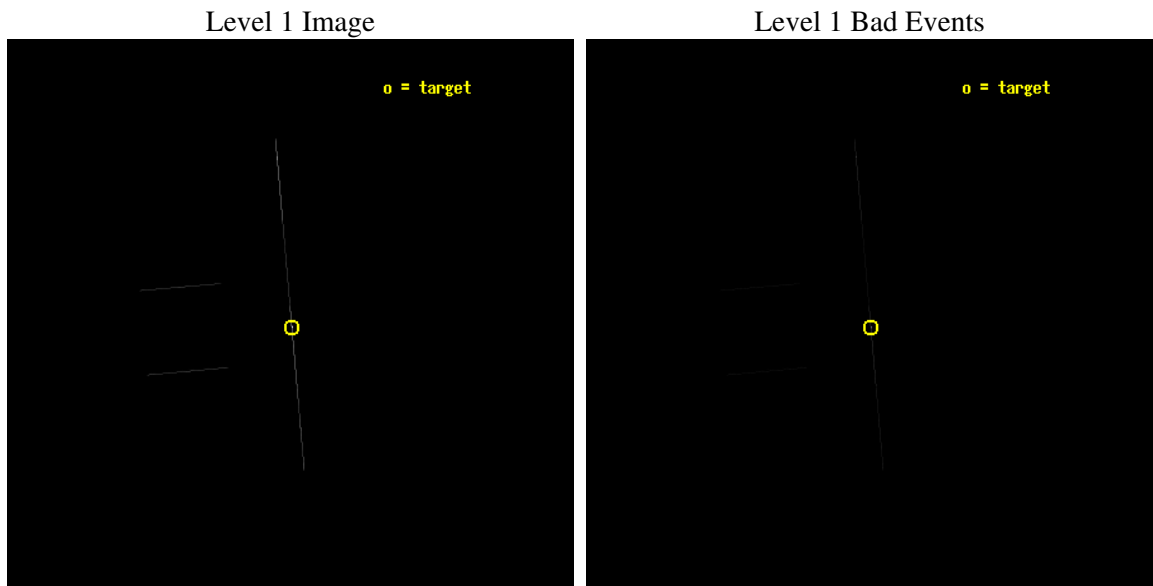
seq_num	400237
obs_id	3462
title	A FAINT NEUTRON STAR SOFT X-RAY TRANSIENT RETURNING TO QUIESCENCE
observer	Dr Peter Jonker
object	RX J170930.2-263927
ra_targ	257.375833
dec_targ	-26.6575
ra_nom	257.37869846918
dec_nom	-26.648150813088
roll_nom	84.940963889949
revision	2
ontime	14206.792031586
livetime	14151.296750213
ontime2	14208.25
ontime3	14208.25
ontime5	14208.25
ontime6	14208.25
ontime7	14206.792031586
ontime8	14208.25
l2events	325744



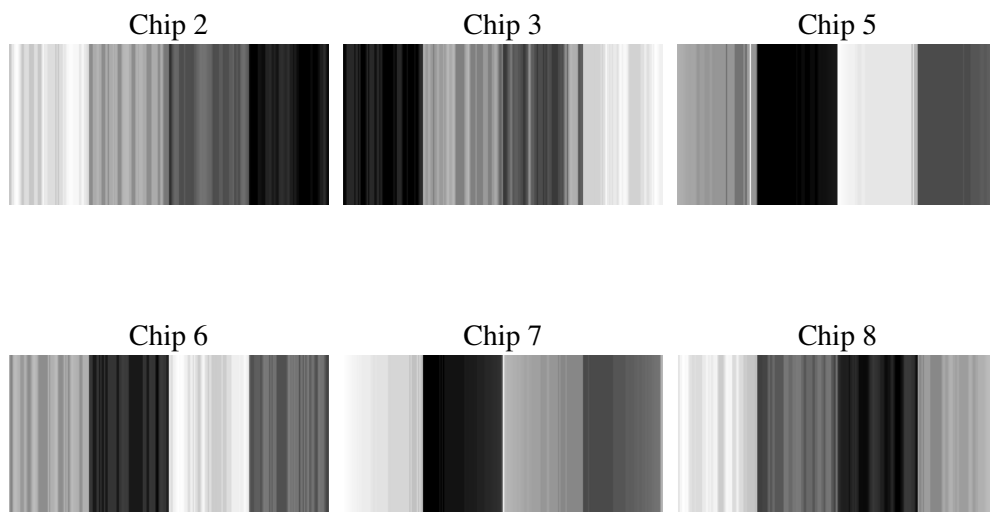
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-06T17:24:28
revision	2

sched_exp_time	13700.000000
ontime	14765.500969619
ontime2	14766.974935919
ontime3	14766.870403454
ontime5	14766.959687859
ontime6	14766.959305748
ontime7	14765.500969619
ontime8	14766.958557457
l1events	420579

2.1.4 Events

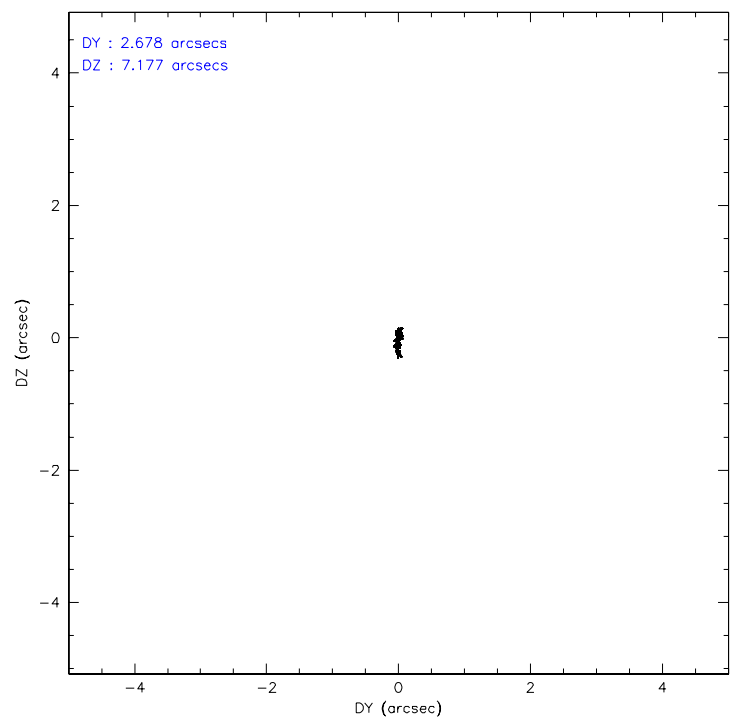
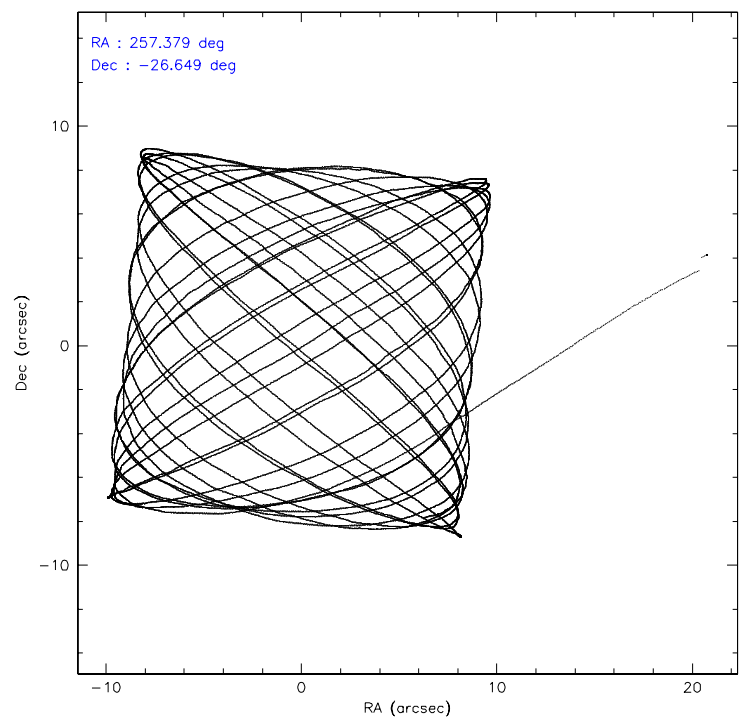
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	19529	21345	87354	22031	230100	40220
rejected events	3757	4346	10645	4395	16626	6753
rejected %	19%	20%	12%	19%	7%	16%

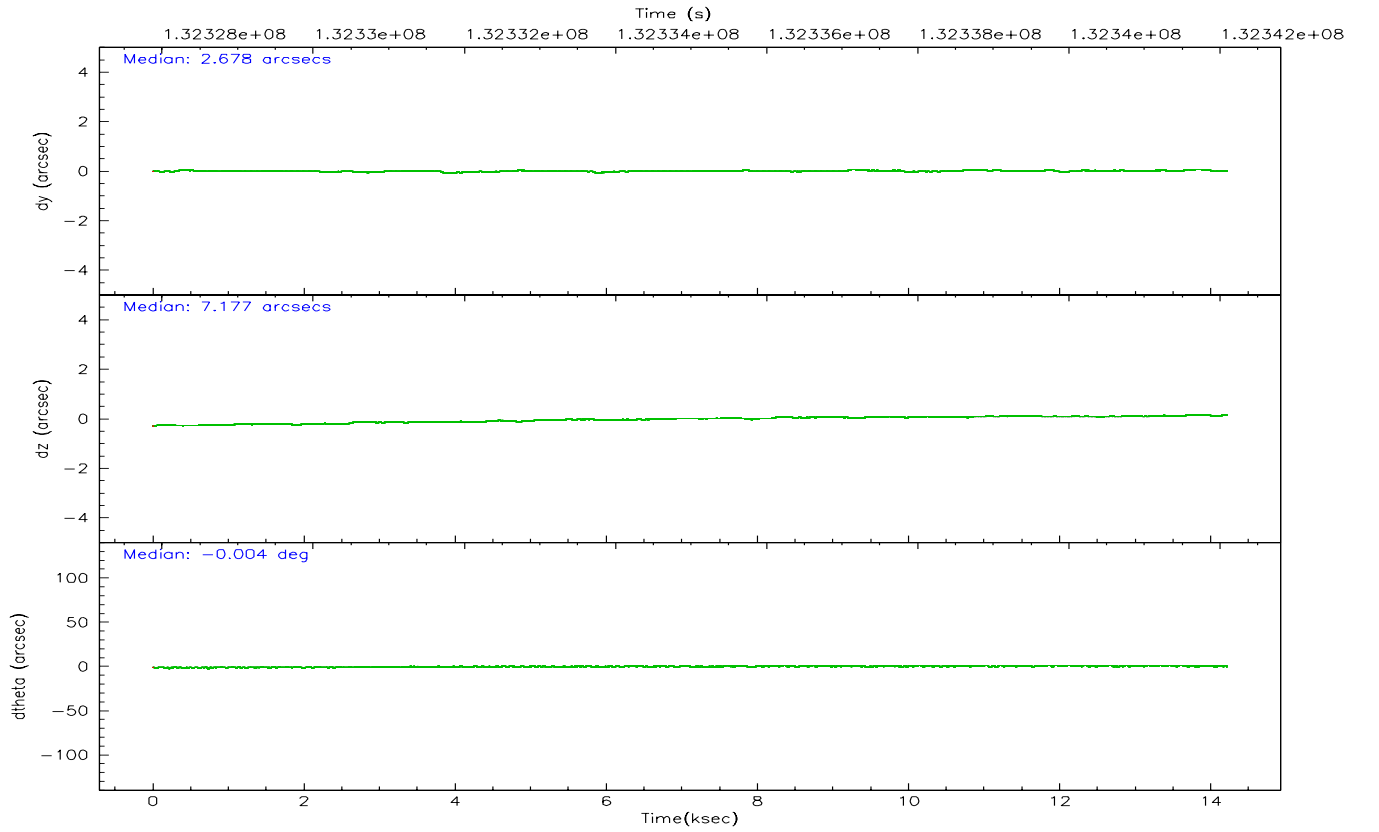
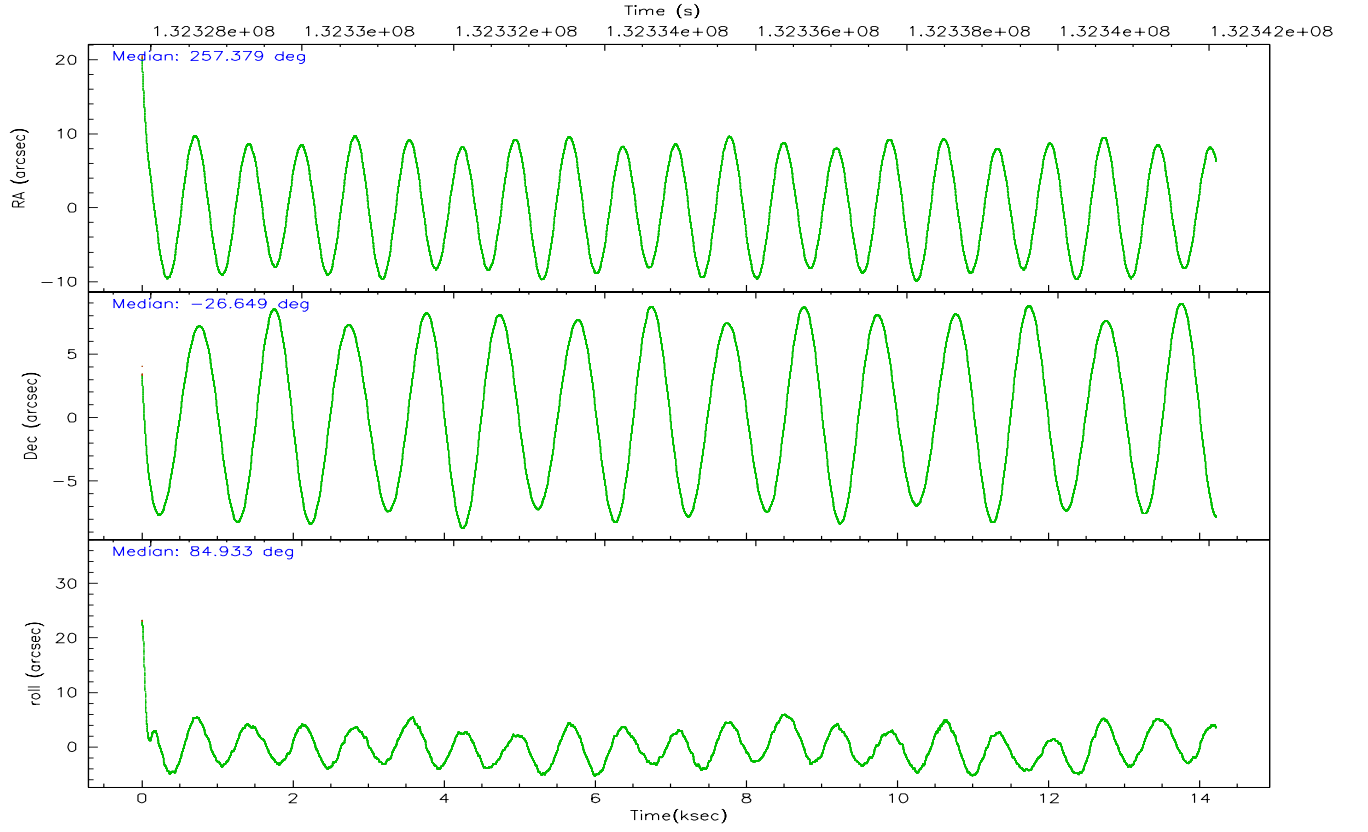
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2267	2355	14934	2421	44022	7094
	11%	11%	17%	10%	19%	17%
grade 1 events	64	69	93	63	698	153
	0%	0%	0%	0%	0%	0%
grade 2 events	6649	6894	21917	7411	61088	11106
	34%	32%	25%	33%	26%	27%
grade 3 events	2025	2639	1662	2264	20133	3910
	10%	12%	1%	10%	8%	9%
grade 4 events	2053	2290	1560	2254	18981	3847
	10%	10%	1%	10%	8%	9%
grade 5 events	3132	3552	7500	3716	12325	5301
	16%	16%	8%	16%	5%	13%
grade 6 events	3339	3546	39688	3902	72853	8809
	17%	16%	45%	17%	31%	21%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	257.391882	257.3786984691824	Alternating exposures requested	N	N
Pointing Dec	-26.672695	-26.64815081308789	Primary exposure time	0.000000	0
Pointing Roll	84.790239	84.94096388994859			
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	132328398.184000	132327271.57021			
Observation start date	2002-03-12T13:52:14	2002-03-12T13:34:31			
Observation end time	132342098.184000	132342388.27082			
Observation end date	2002-03-12T17:40:34	2002-03-12T17:46:28			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



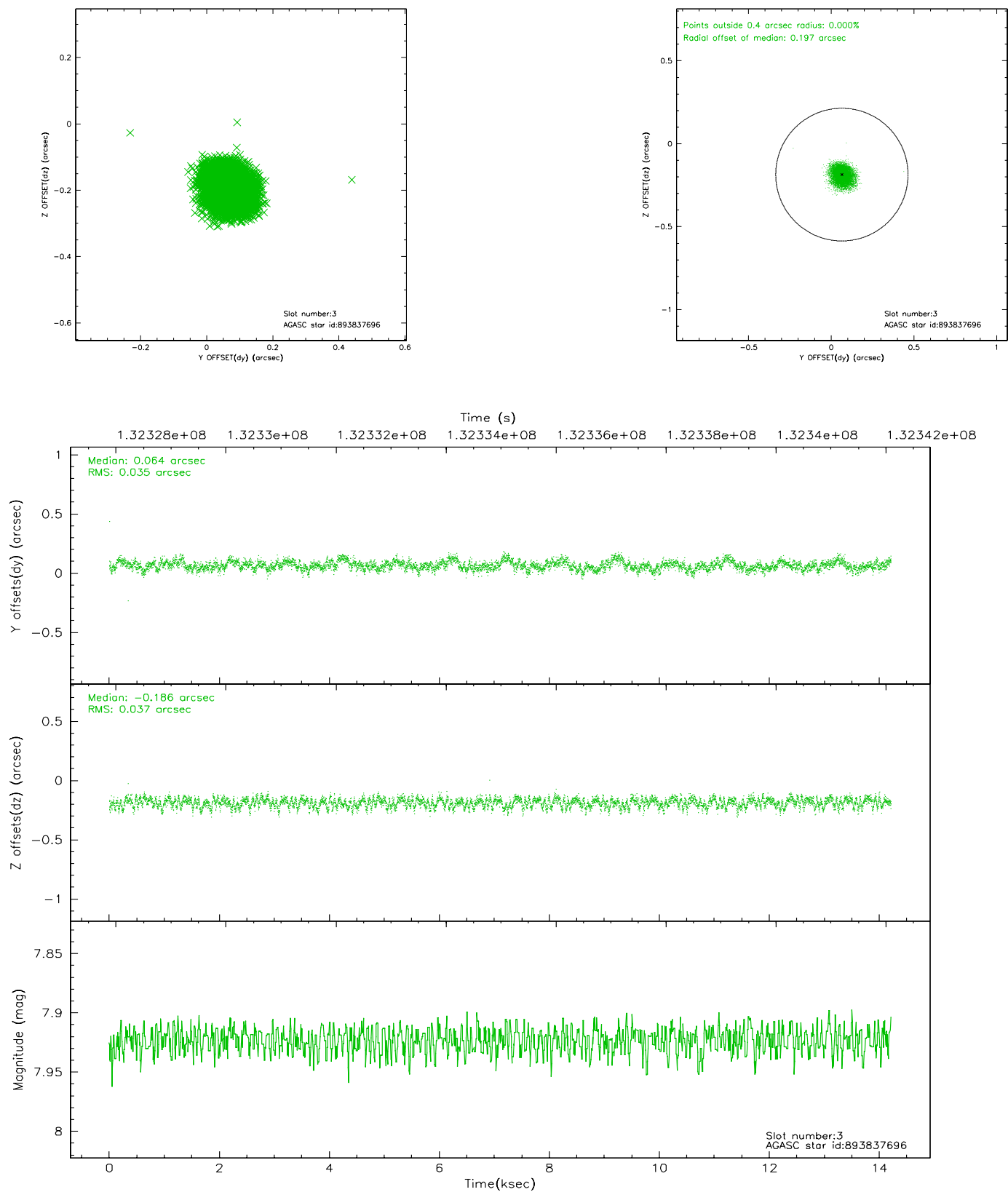


Slot Statistics

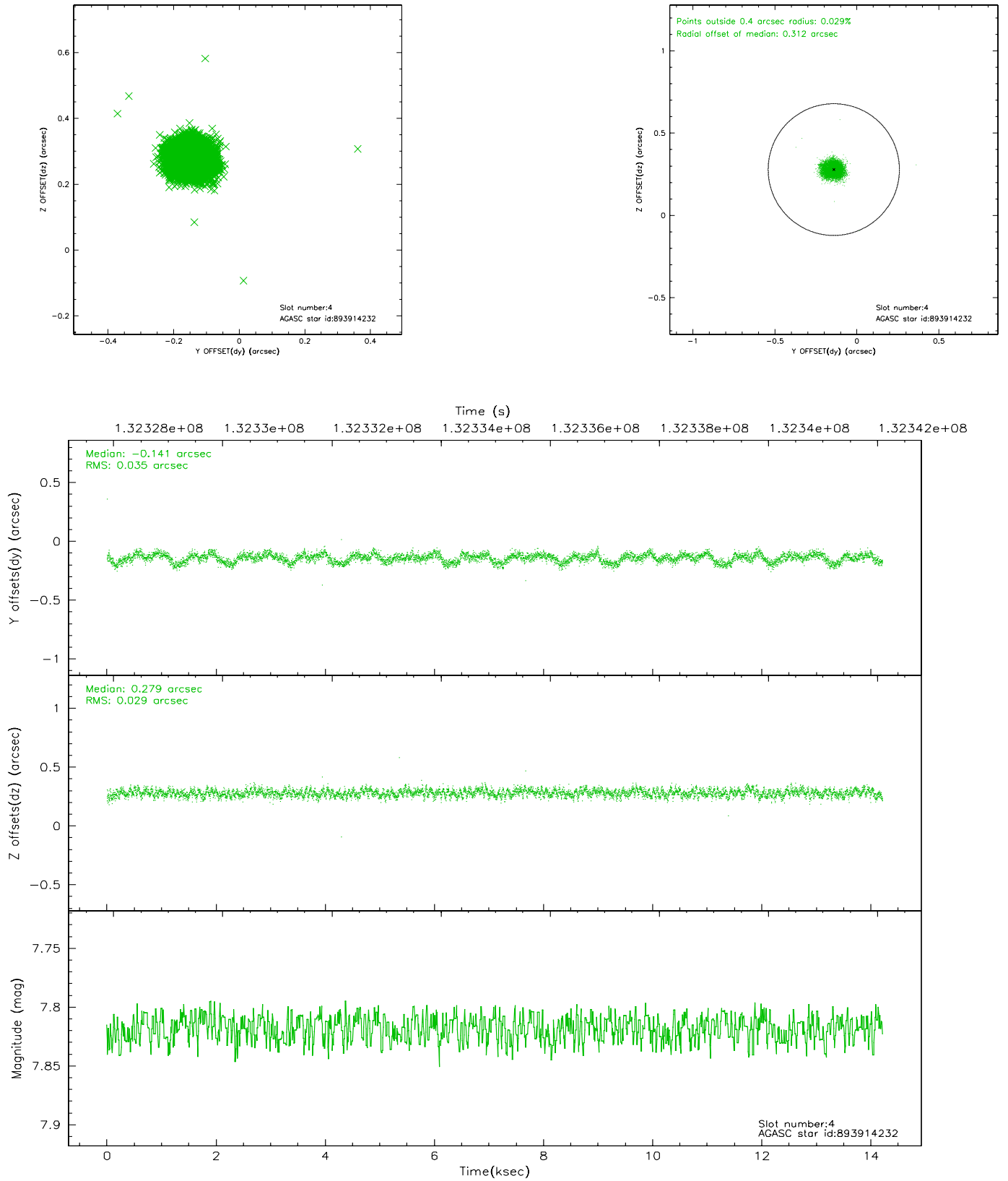
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3468	-0.003	0.030	0.007	0.012	0.000000	0.000000	-755.31	-1728.29
1	FID	ACIS-S-4	7.20	3465	-0.086	-0.007	0.005	0.009	0.000000	0.000000	2157.73	179.82
2	FID	ACIS-S-5	7.24	3466	0.058	-0.015	0.007	0.012	0.000000	0.000000	-1807.67	173.85
3	GUIDE	893837696	7.92	6930	0.064	-0.186	0.054	0.087	257.277958	-26.423720	860.75	446.94
4	GUIDE	893914232	7.82	6935	-0.141	0.279	0.049	0.077	257.948003	-26.439334	997.40	-1708.96
5	GUIDE	893913752	8.69	6931	0.180	0.084	0.064	0.104	257.717246	-26.451689	888.34	-972.40
6	GUIDE	893837592	9.30	6933	-0.082	-0.192	0.083	0.131	256.924631	-26.316123	1140.22	1617.58
7	GUIDE	893835576	8.92	6931	-0.022	0.019	0.072	0.119	257.152526	-26.836742	-656.97	712.06

2.4 Star Slots

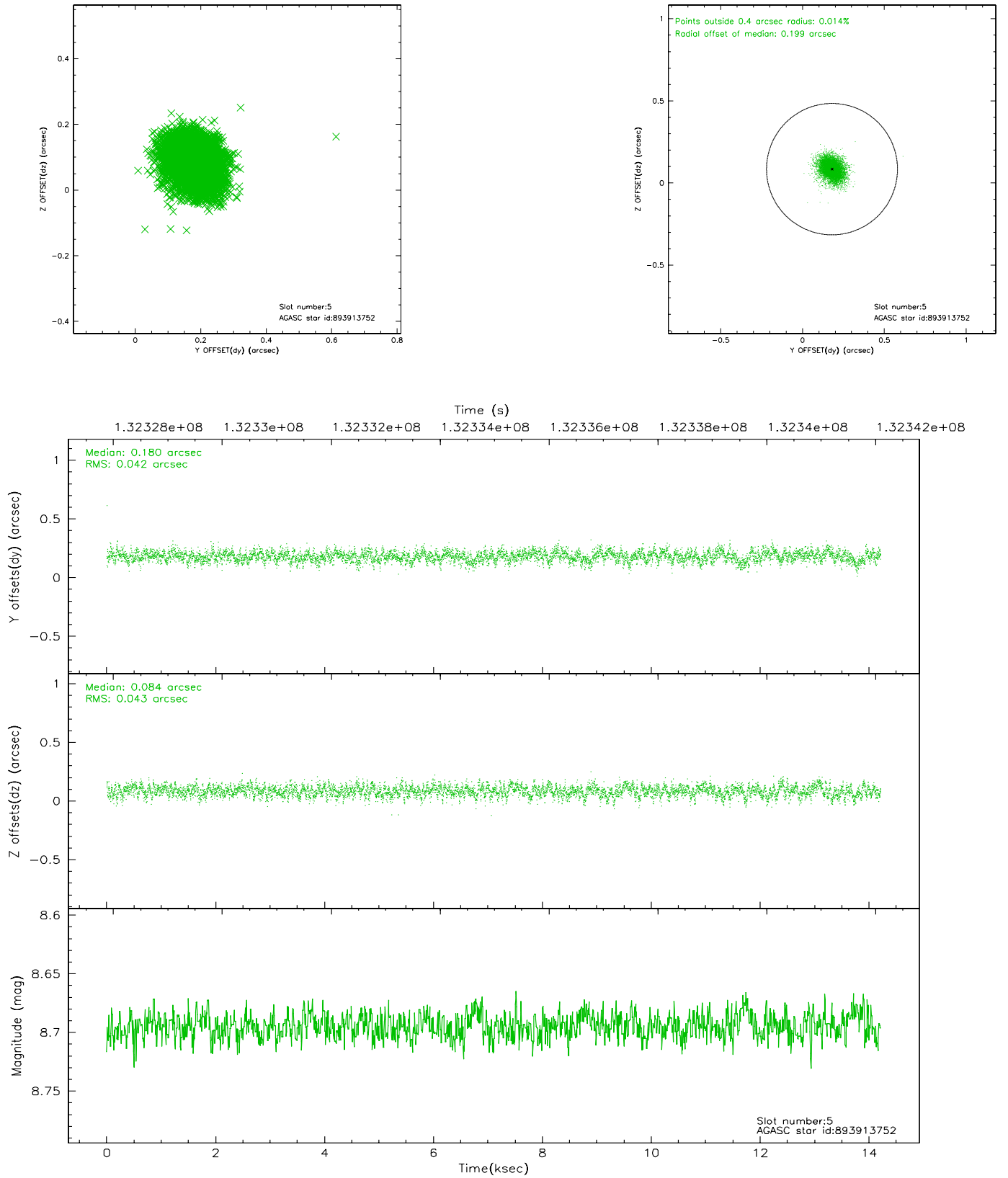
2.4.1 Slot 3



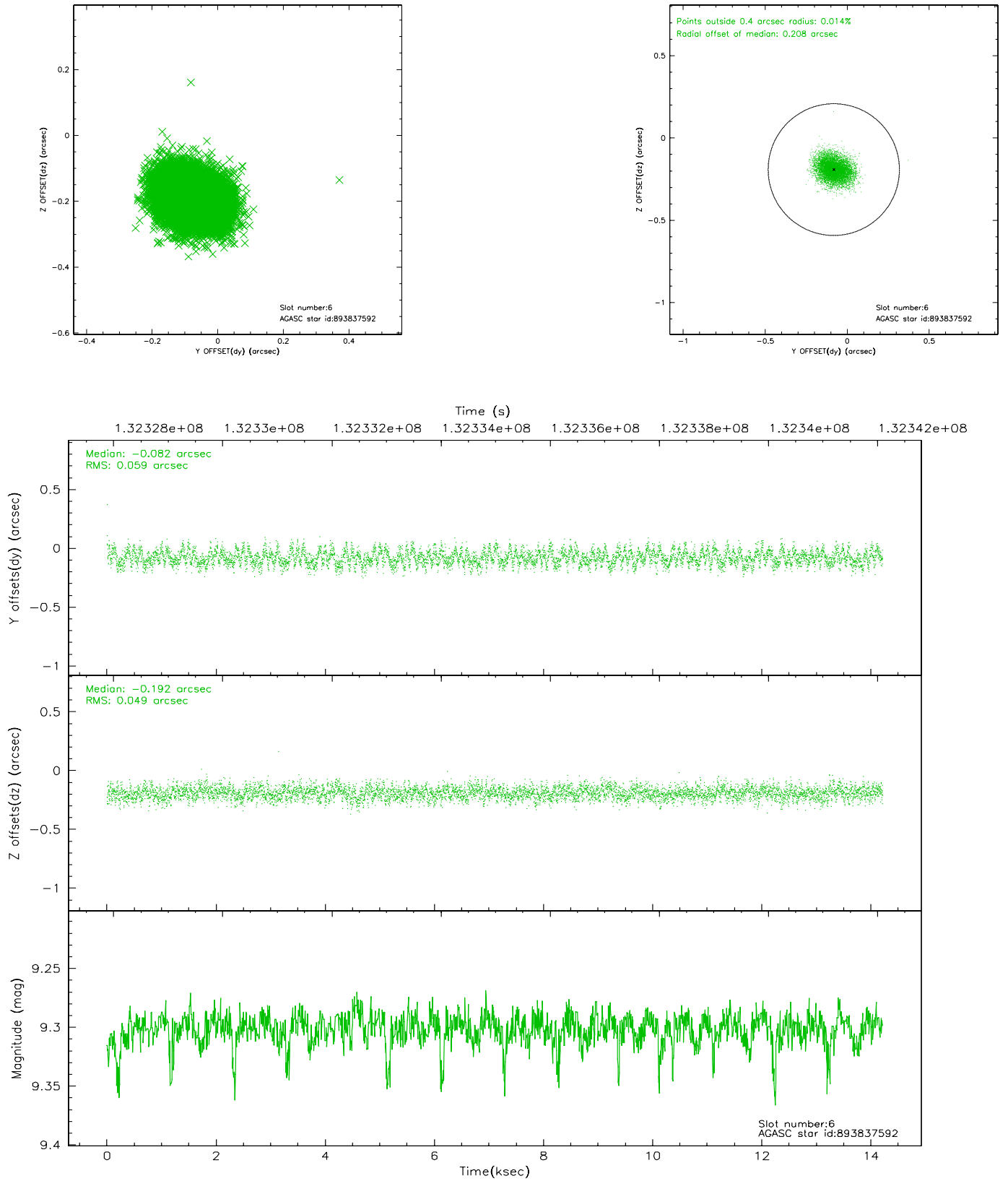
2.4.2 Slot 4



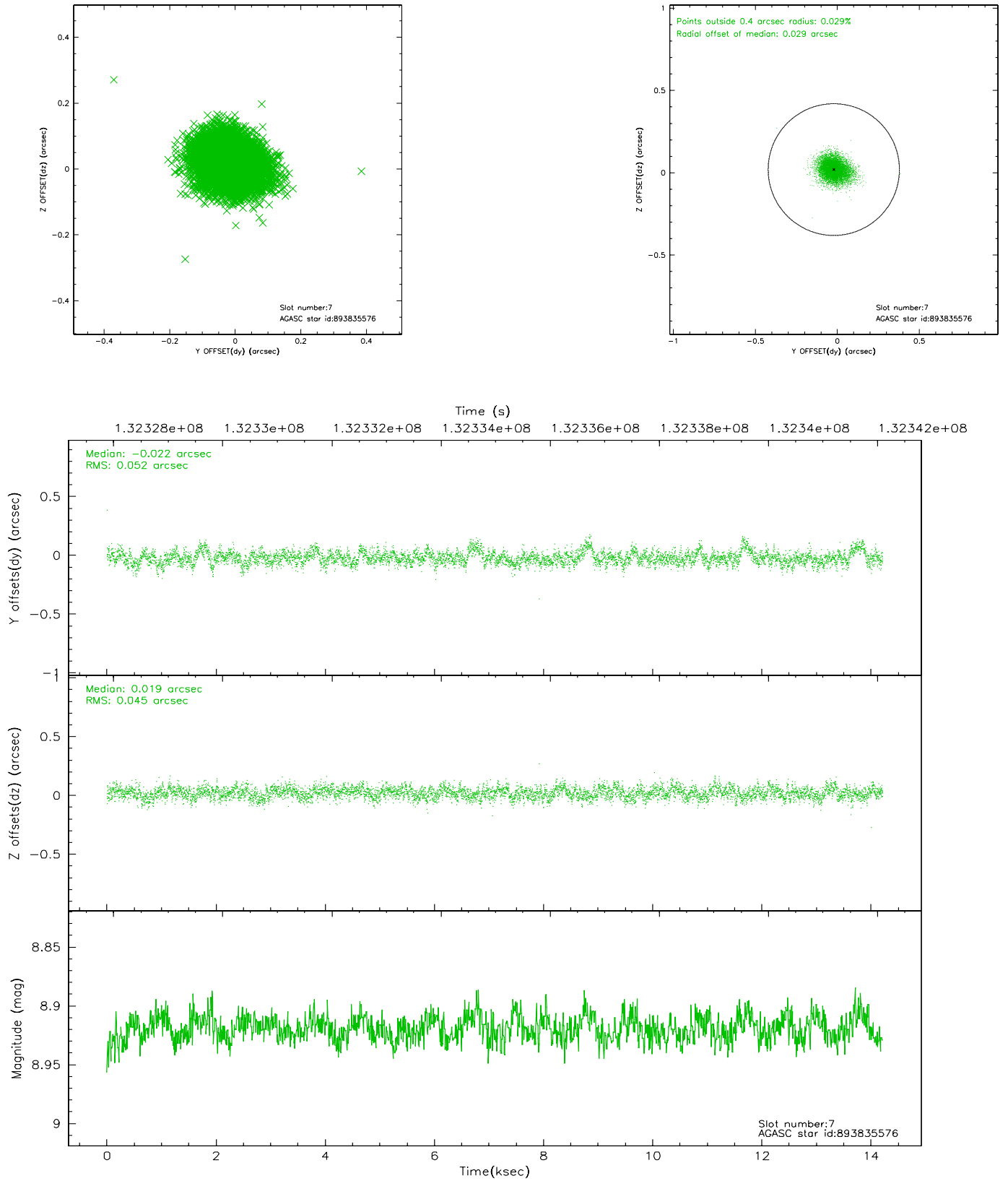
2.4.3 Slot 5



2.4.4 Slot 6

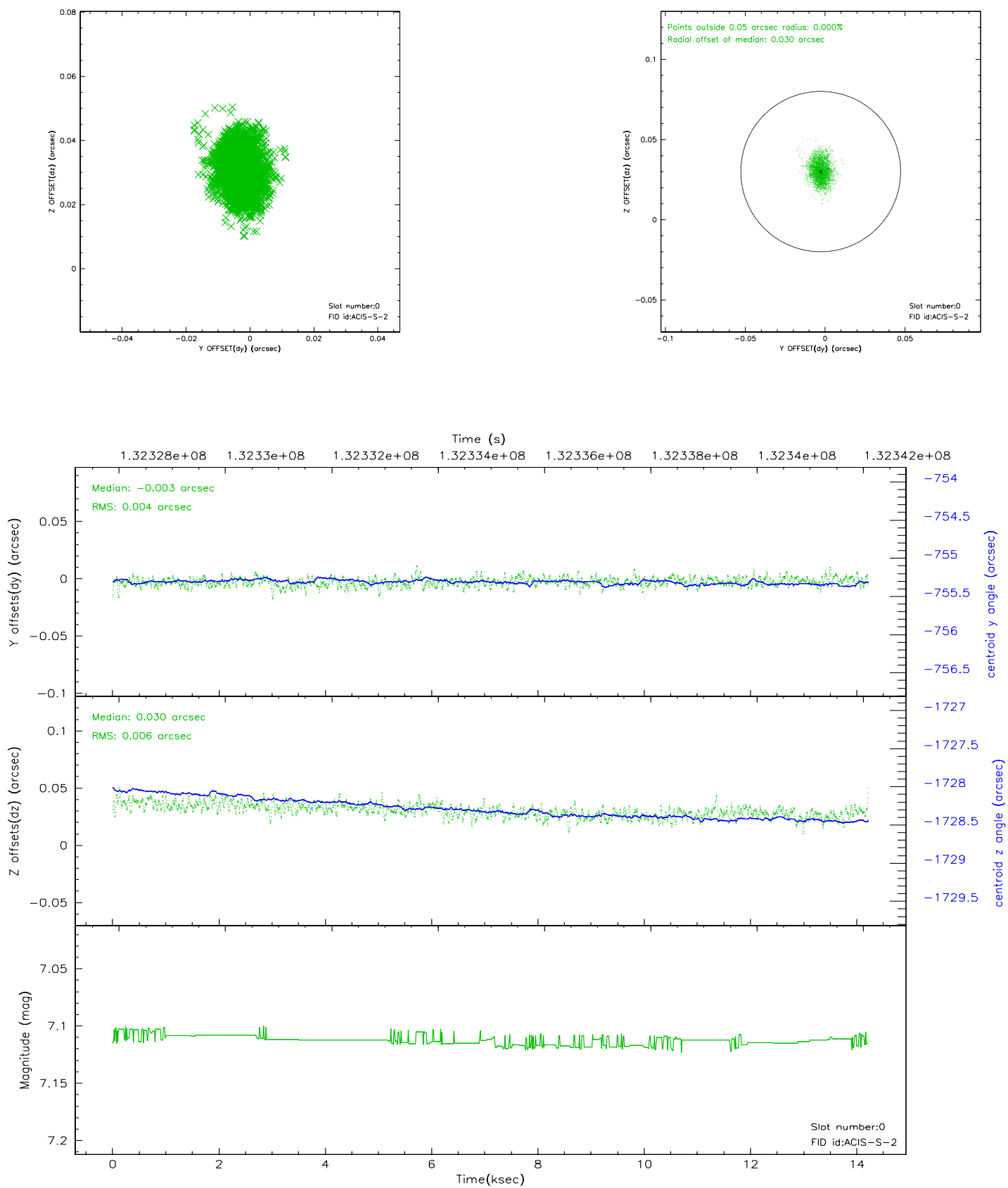


2.4.5 Slot 7

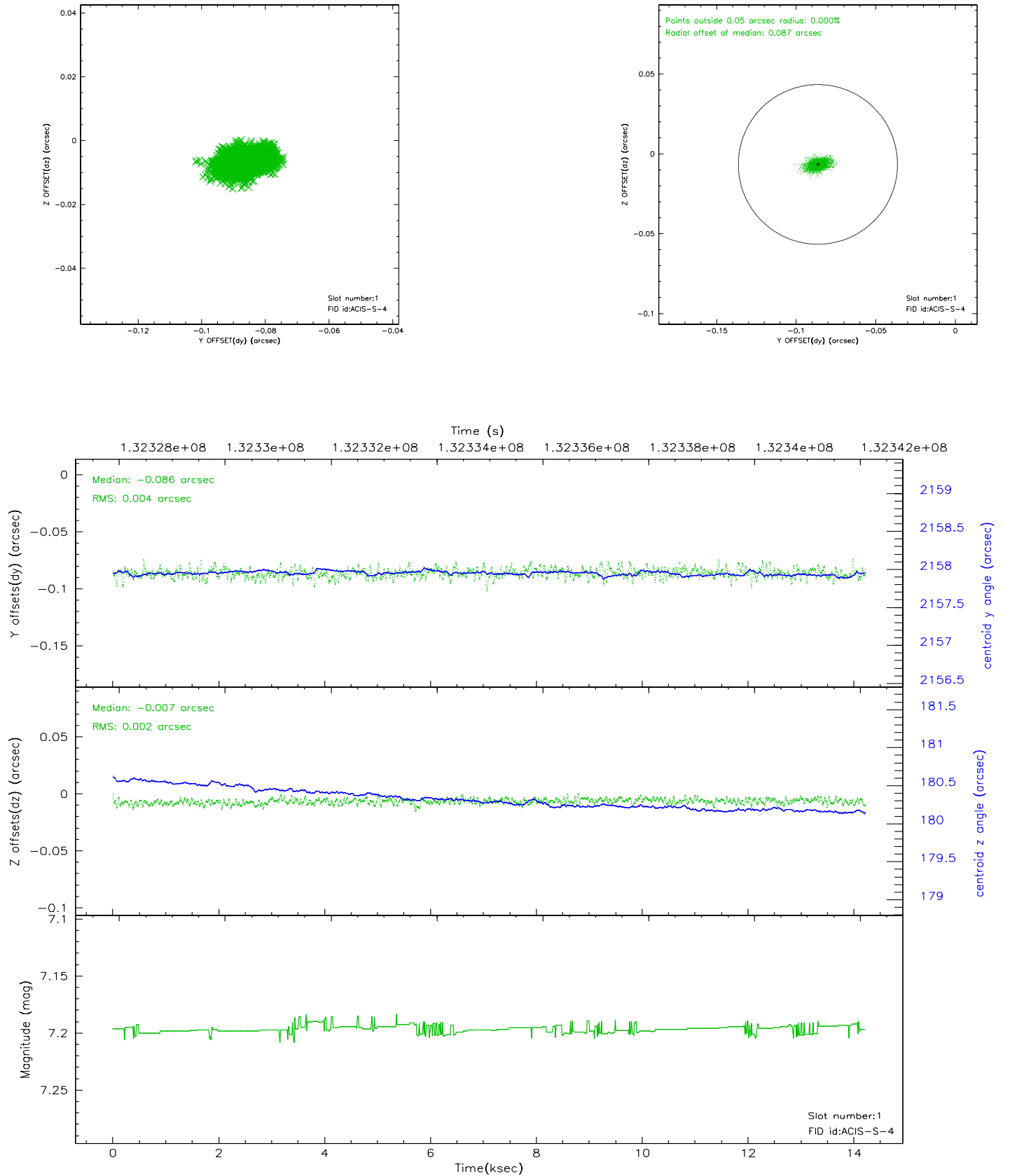


2.5 FID Slots

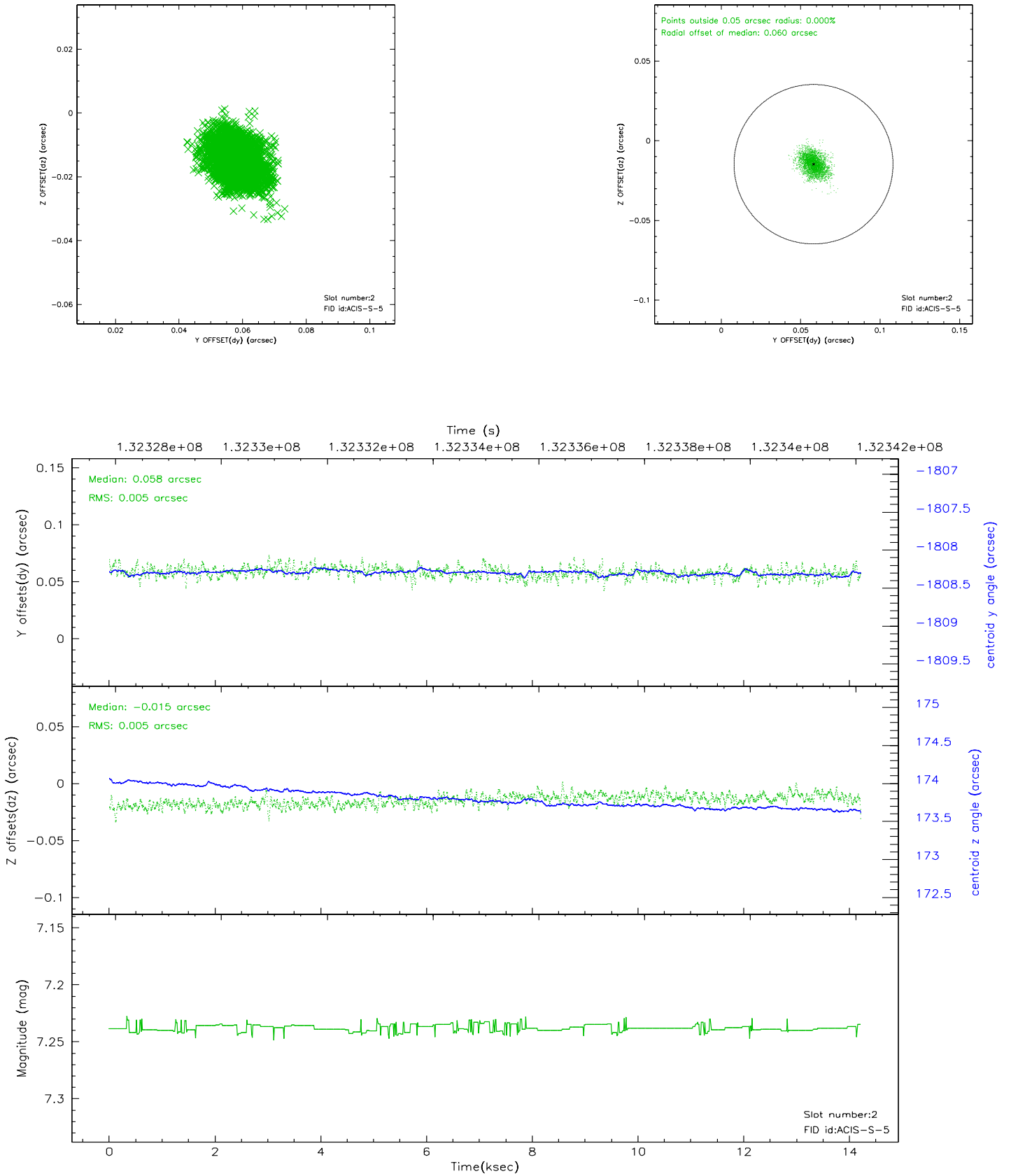
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2006.09.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.21

A.2 Comments