

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3796 - L2 Version 001
Chandra X-Ray Center

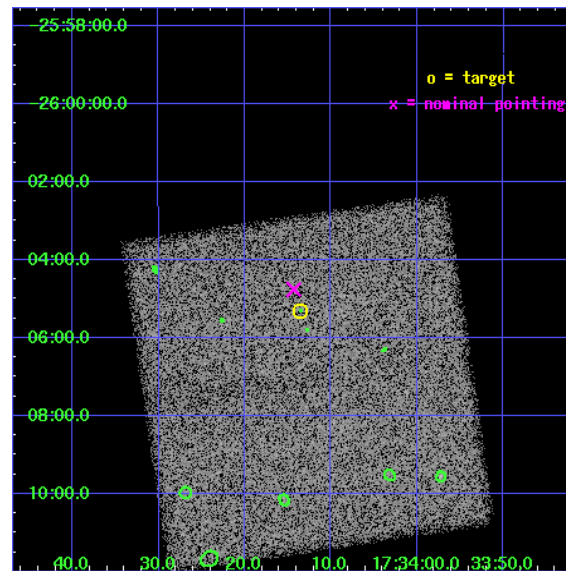
L2 Processing Date : Jul 20 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

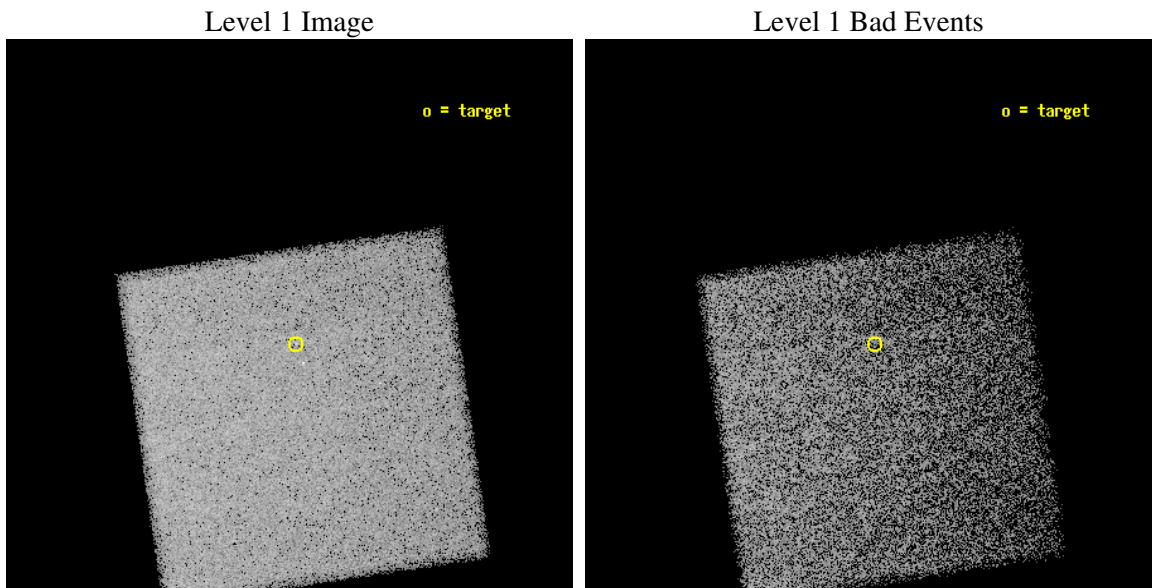
seq_num	400283
obs_id	3796
title	MONITORING TWO QUASI-PERSISTENT X-RAY BINARIES IN QUIESCENCE
observer	Dr. Rudy Wijnands
object	KS 1731-260
dtcycle	0
cycle	P
ra_targ	263.55625
dec_targ	-26.088556
ra_nom	263.55966325495
dec_nom	-26.079393325928
roll_nom	81.658140675278
revision	3
ontime	30063.0
livetime	29657.288296109
ontime7	30063.0
l2events	97417



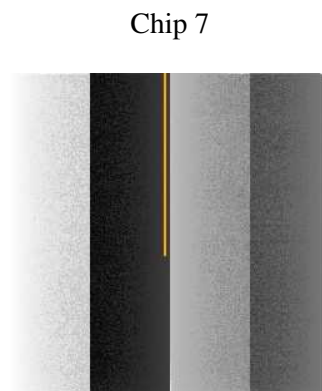
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-21T02:04:33
revision	3

sched_exp_time	29600.000000
ontime	30245.793080449
ontime7	30245.793080449
l1events	258210

2.1.4 Events

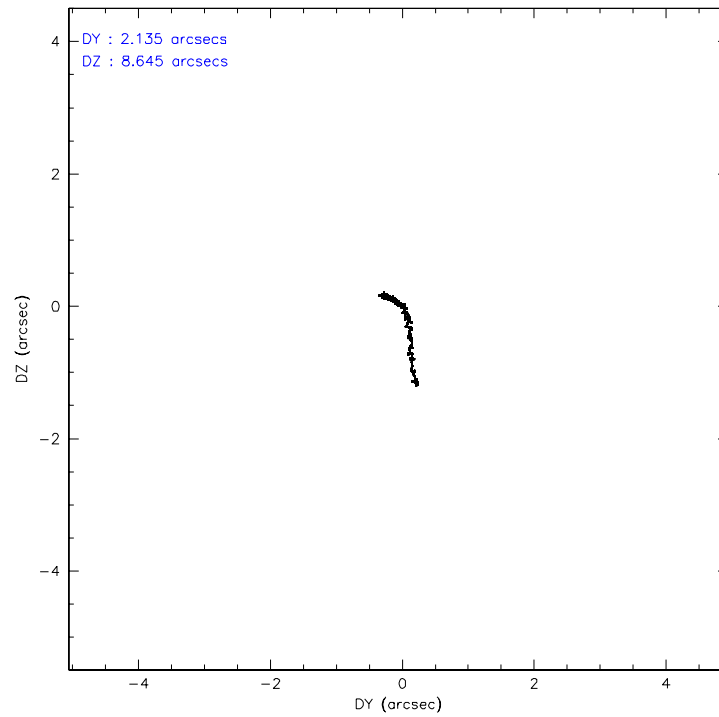
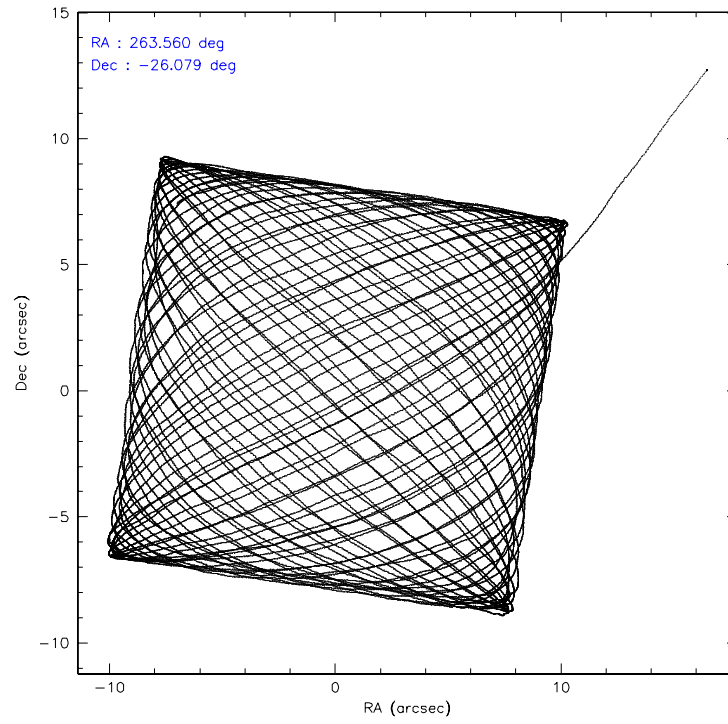
	ccd 7
level 1 events	258210
rejected events	158130
rejected %	61%

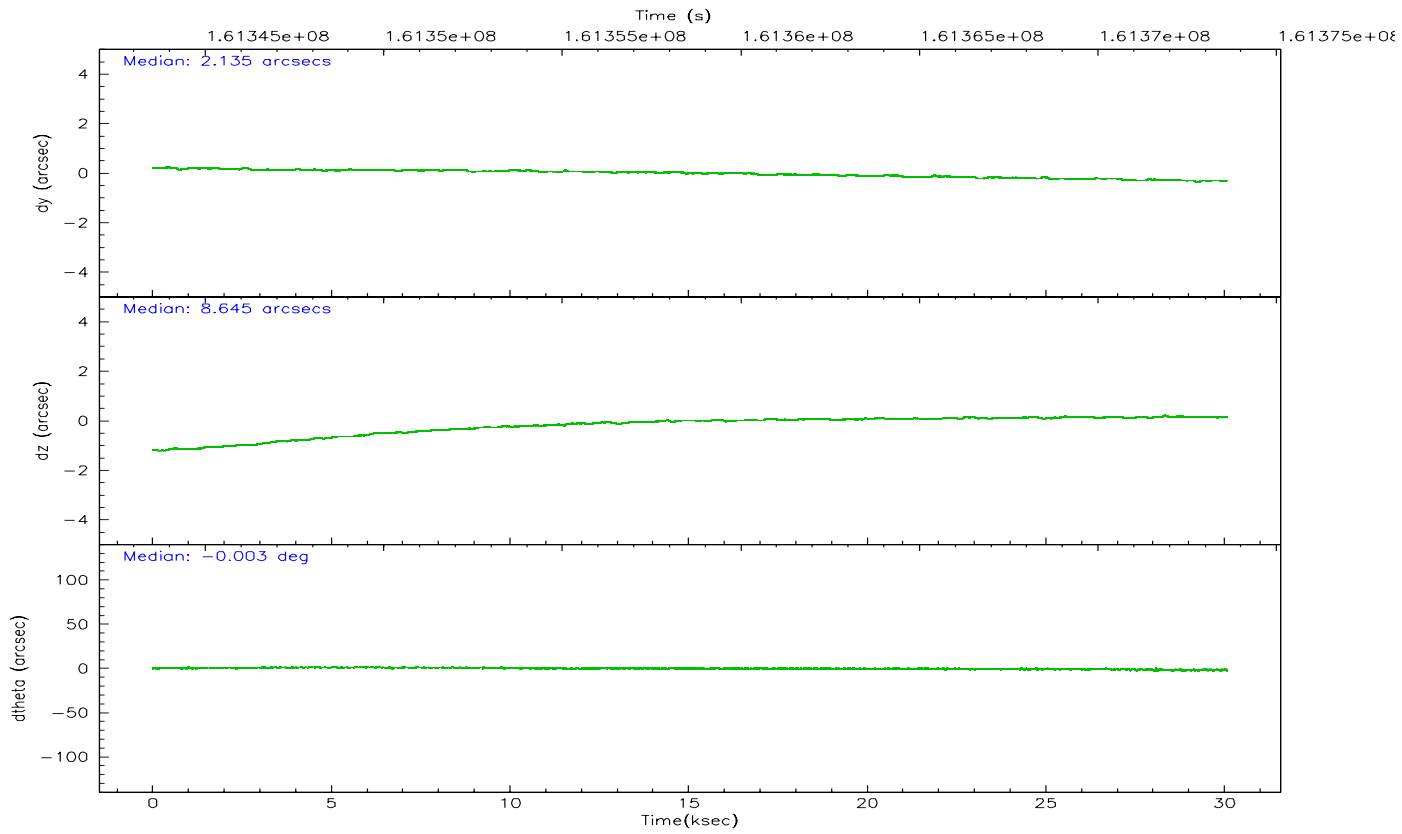
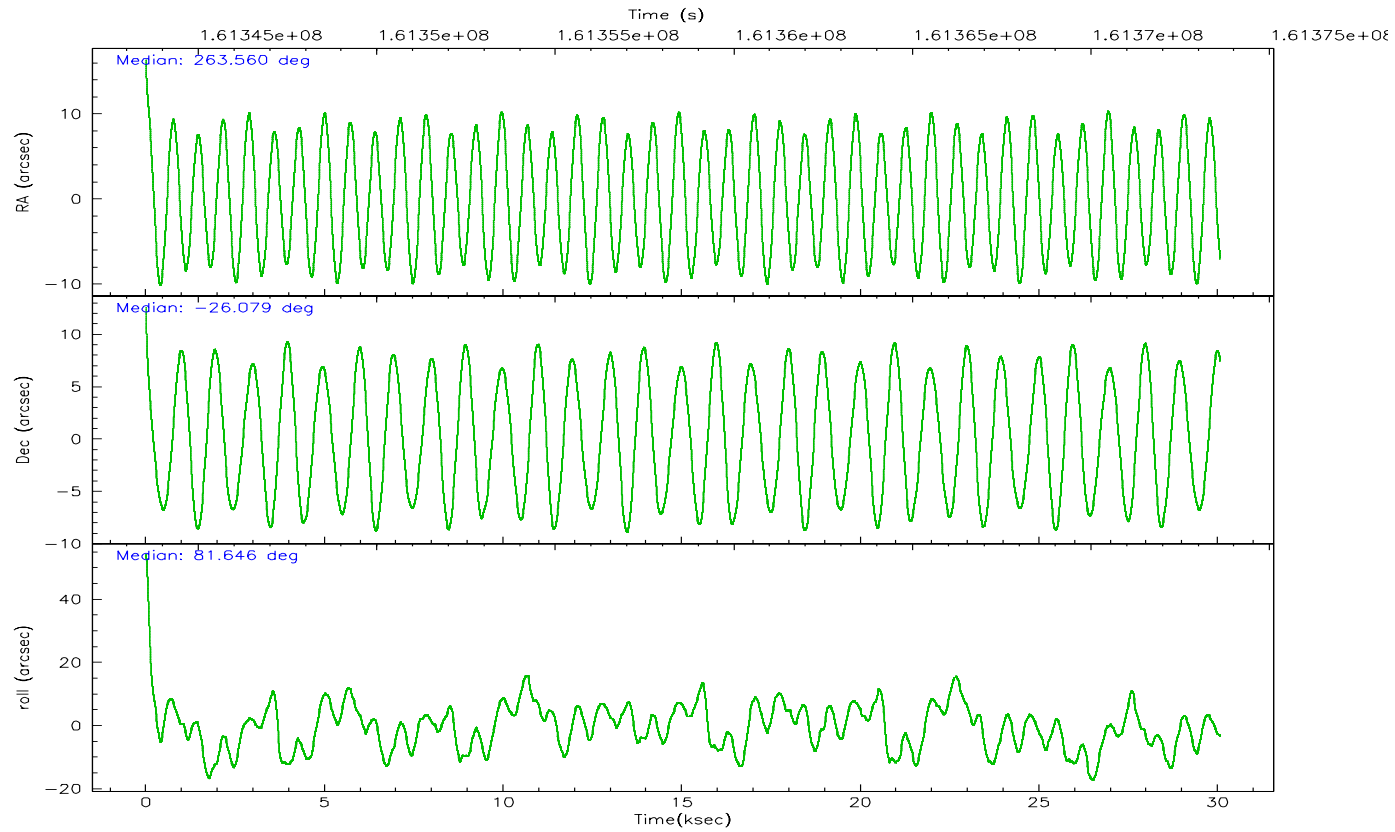
	ccd 7
grade 0 events	6130
	2%
grade 1 events	134
	0%
grade 2 events	24571
	9%
grade 3 events	5369
	2%
grade 4 events	5218
	2%
grade 5 events	17181
	6%
grade 6 events	59394
	23%
grade 7 events	140213
	54%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	263.571237	263.5596632549475	Alternating exposures requested	N	N
Pointing Dec	-26.104551	-26.07939332592841	Primary exposure time	0.000000	3
Pointing Roll	81.506594	81.65814067527791			
Window start time	160617664.184000	160617664.184000			
Window stop time	163036864.184000	163036864.184000			
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	161344011.184000	161342890.76711			
Observation start date	2003-02-11T09:45:47	2003-02-11T09:28:10			
Observation end time	161373611.184000	161374633.48094			
Observation end date	2003-02-11T17:59:07	2003-02-11T18:17:13			
Read mode	TIMED	TIMED			

2.3 Aspect



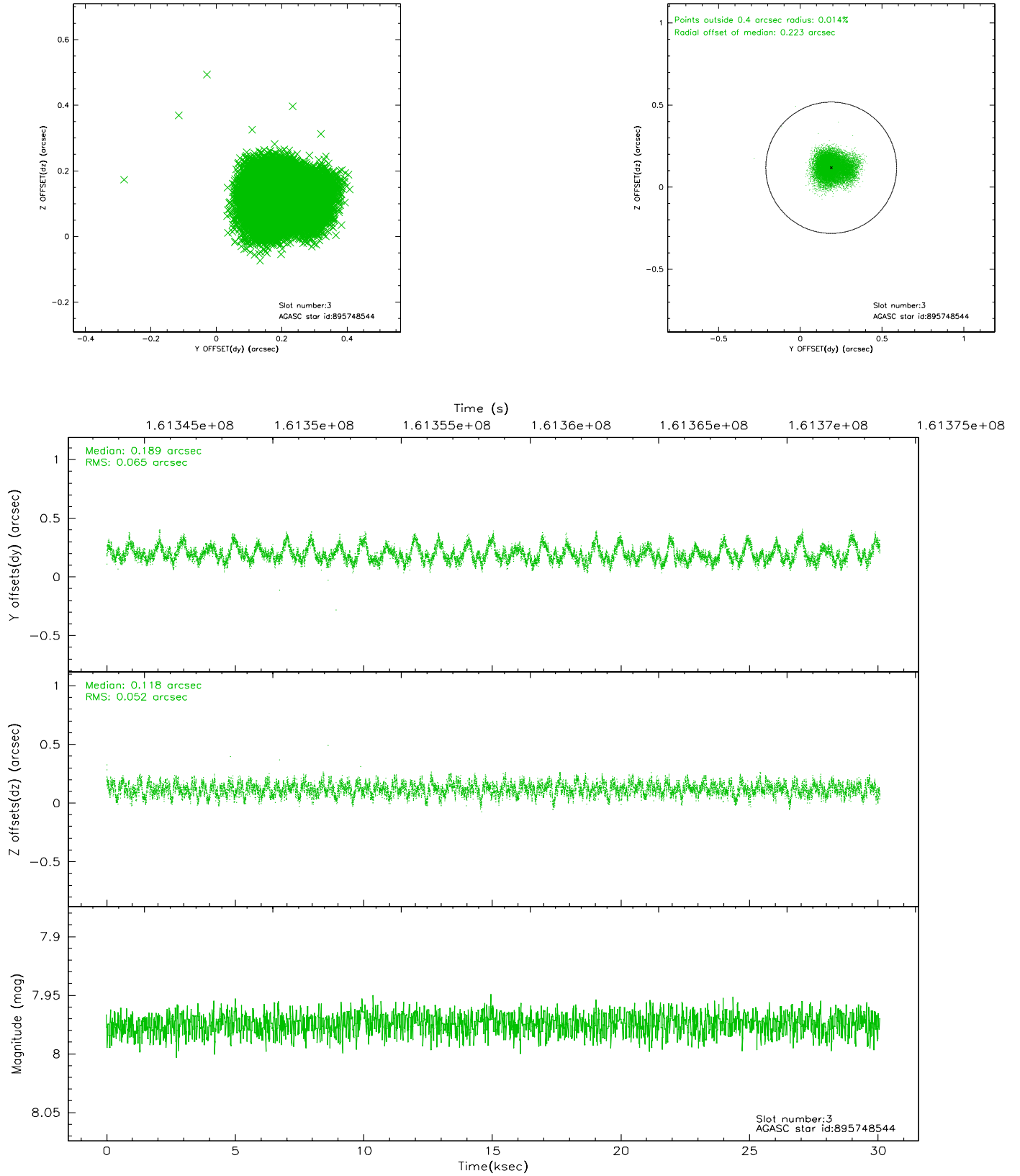


Slot Statistics

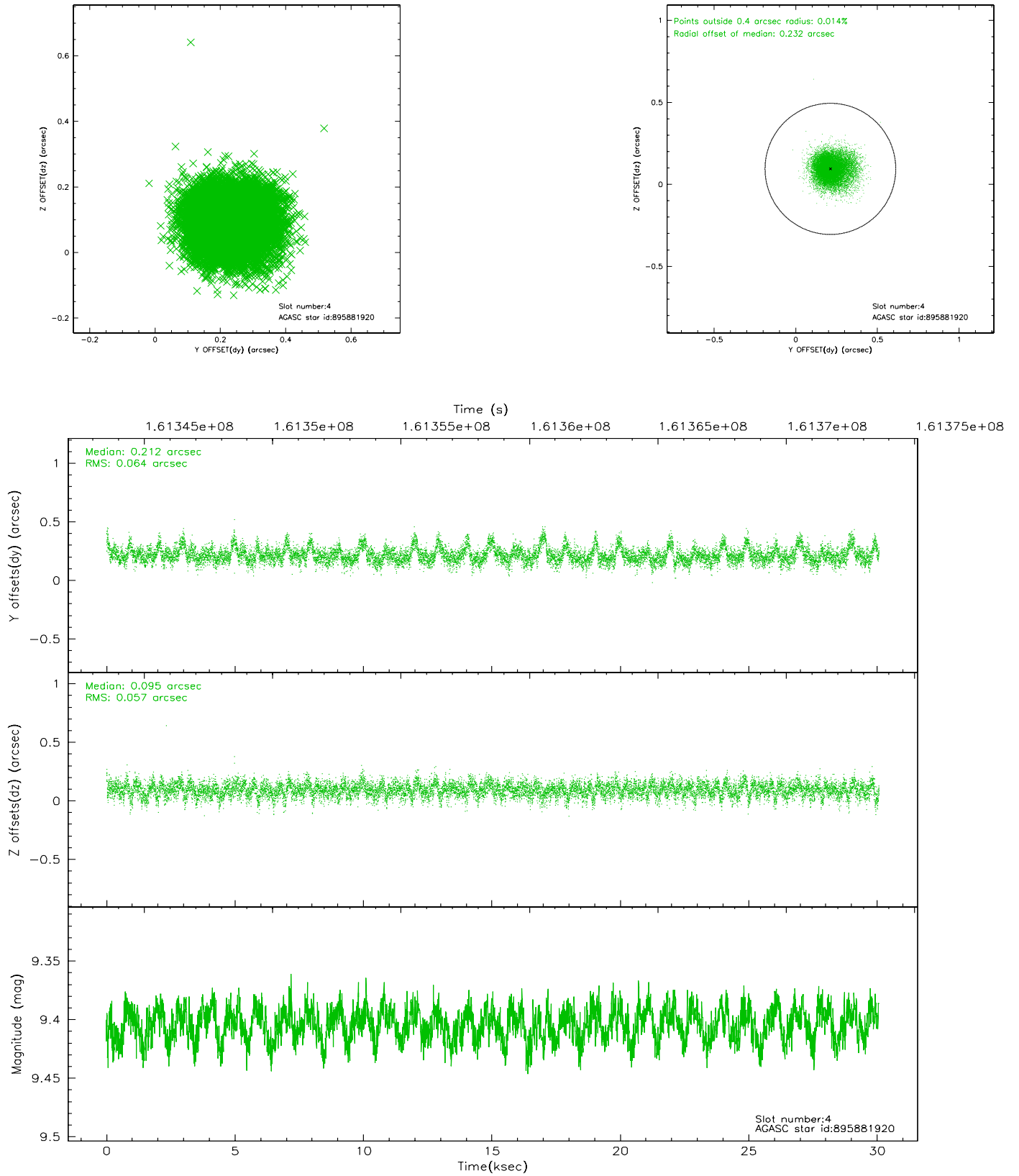
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.35	7333	-0.065	0.003	0.017	0.047	0.000000	0.000000	58.38	-1858.72
1	FID	ACIS-S-4	7.20	7334	-0.032	0.033	0.013	0.027	0.000000	0.000000	2158.59	178.75
2	FID	ACIS-S-5	7.23	7332	0.070	-0.026	0.012	0.025	0.000000	0.000000	-1807.41	172.51
3	GUIDE	895748544	7.97	14668	0.189	0.118	0.089	0.142	263.692859	-26.739685	-2203.33	-724.59
4	GUIDE	895881920	9.40	14631	0.212	0.095	0.088	0.153	263.913988	-26.630022	-1708.98	-1370.66
5	GUIDE	895882536	9.59	14657	0.248	0.230	0.096	0.155	264.066482	-26.424198	-904.67	-1749.34
6	BAD	895882448	10.26	14016	-0.493	-0.152	0.142	0.240	264.180279	-26.834668	-2314.77	-2324.08
7	GUIDE	895223200	10.45	14603	-0.186	-0.299	0.184	0.310	262.834279	-26.055766	-185.82	2381.74

2.4 Star Slots

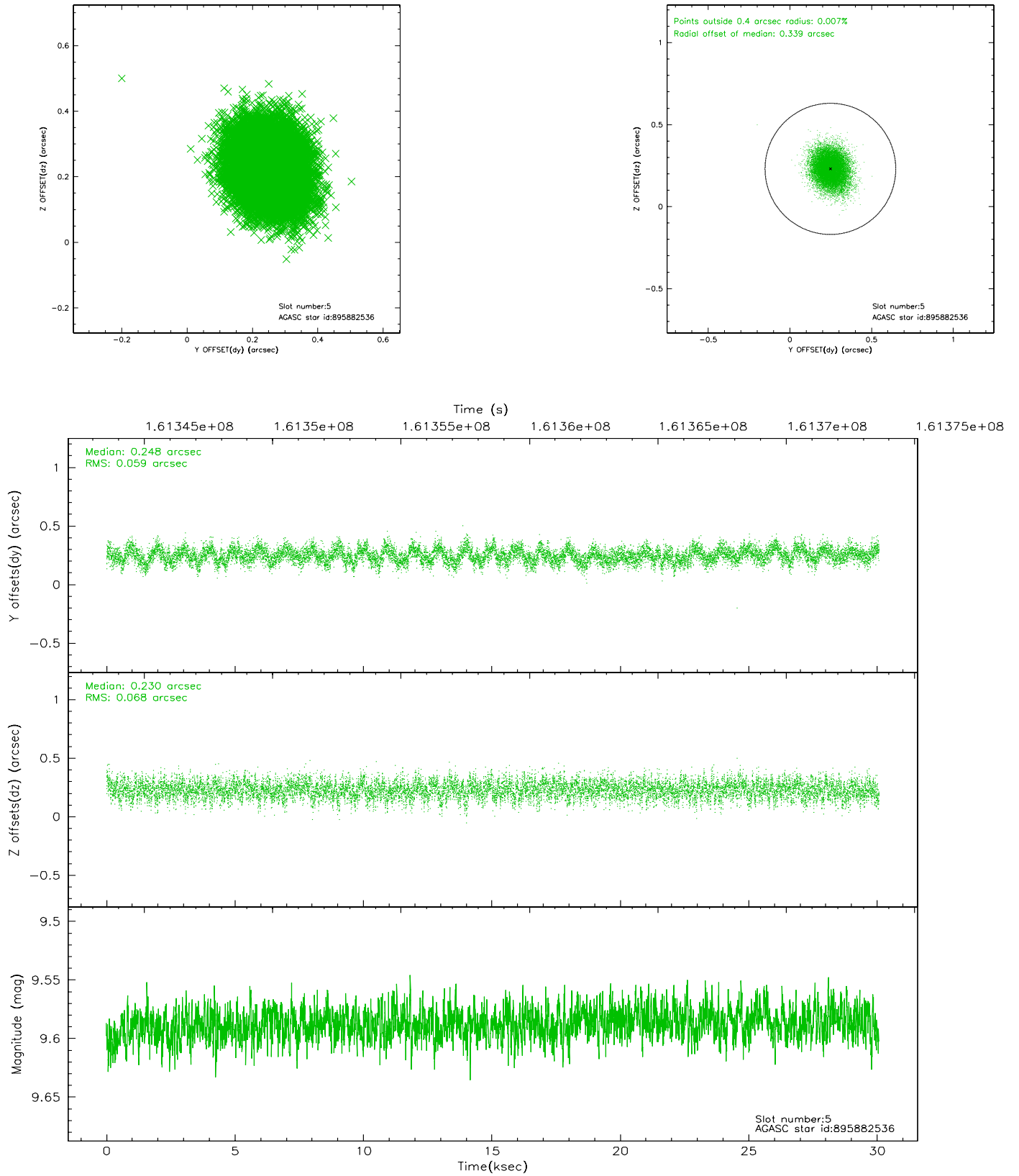
2.4.1 Slot 3



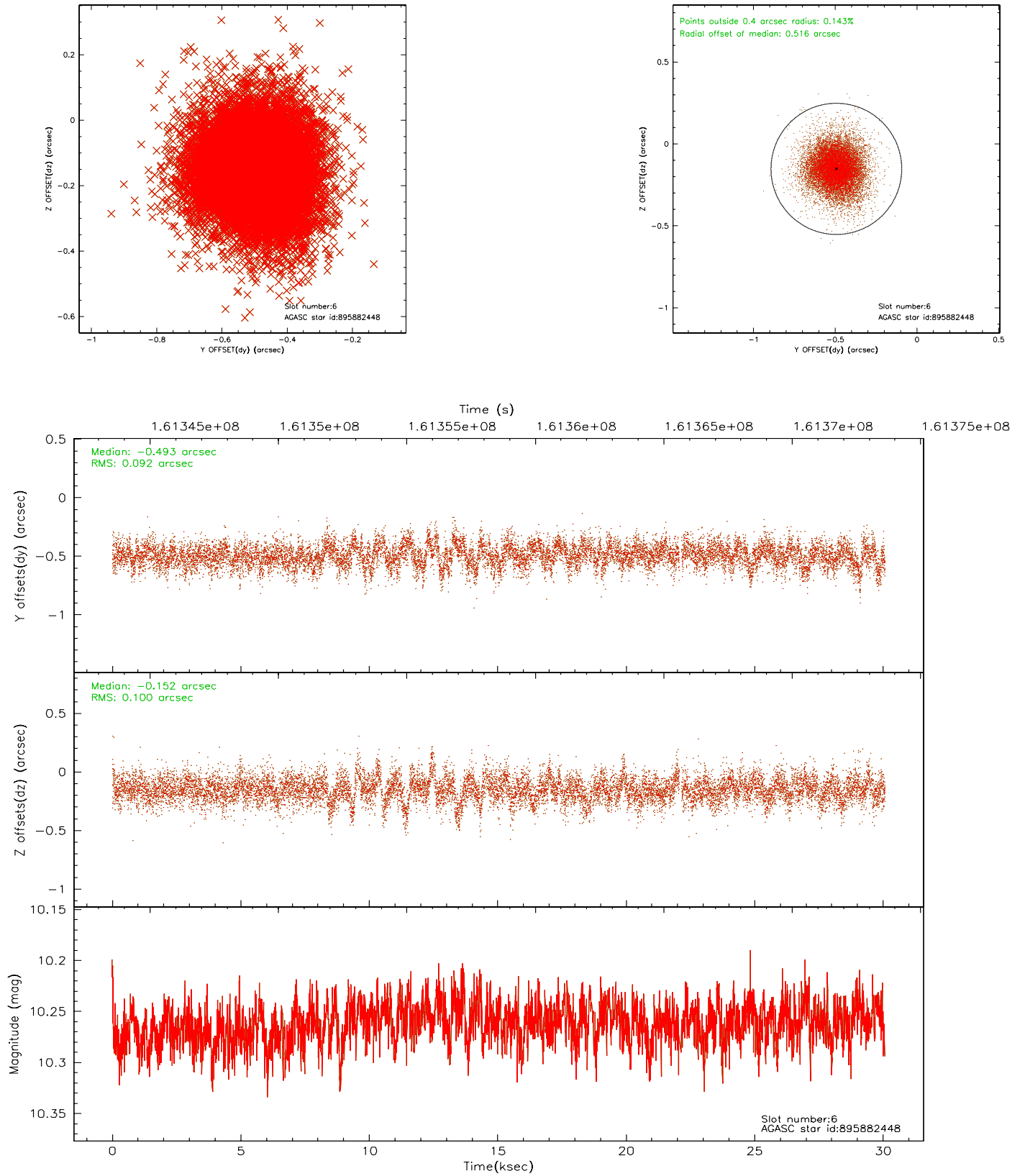
2.4.2 Slot 4



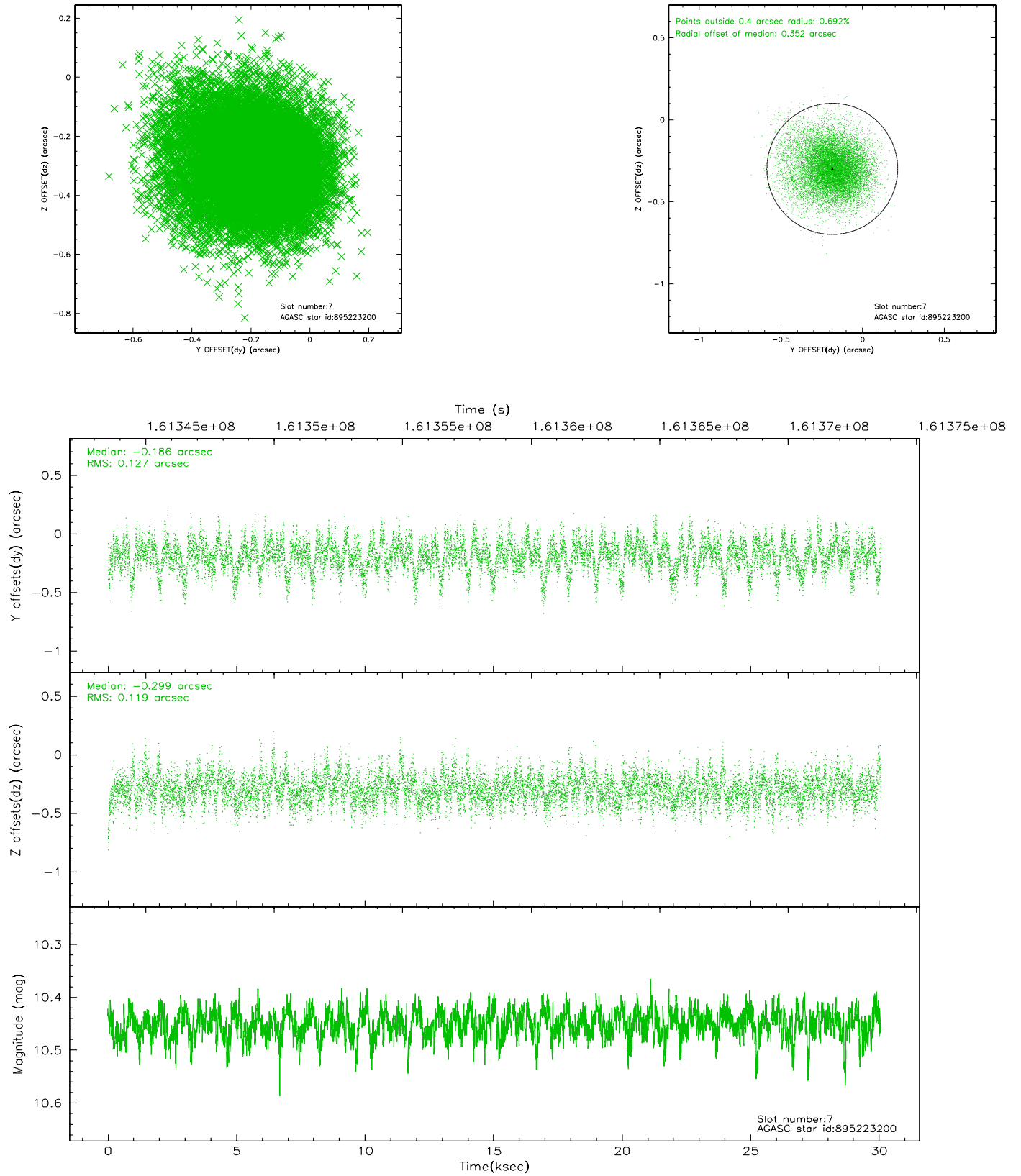
2.4.3 Slot 5



2.4.4 Slot 6

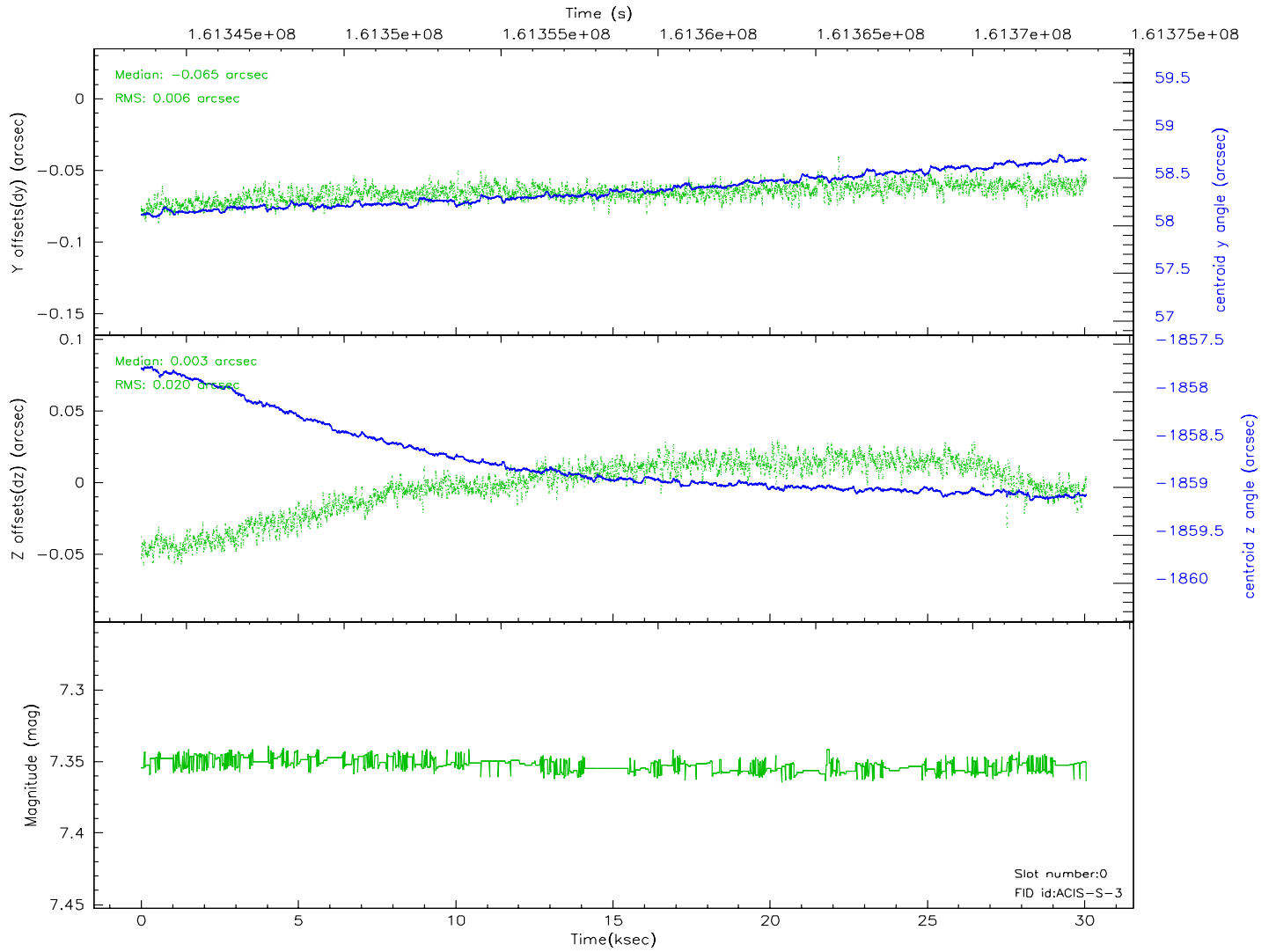
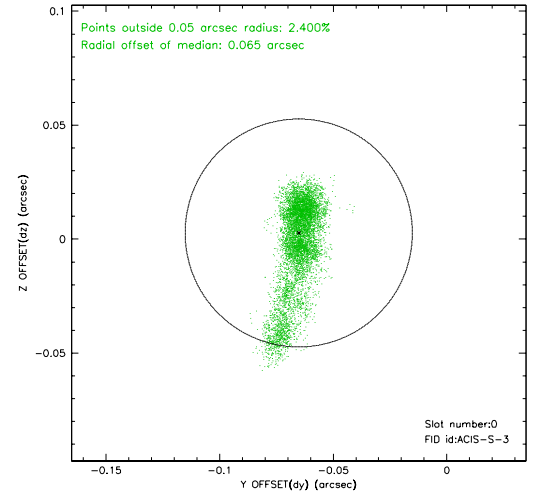
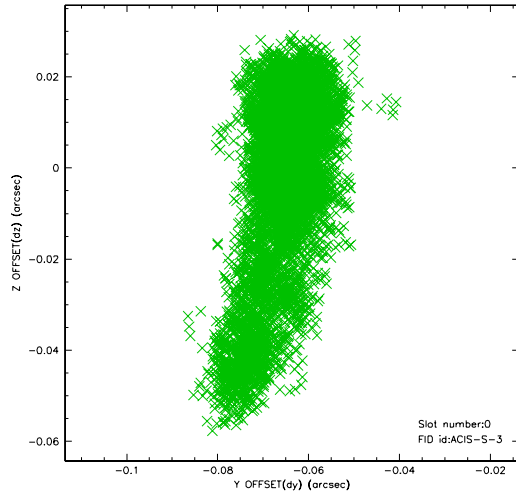


2.4.5 Slot 7

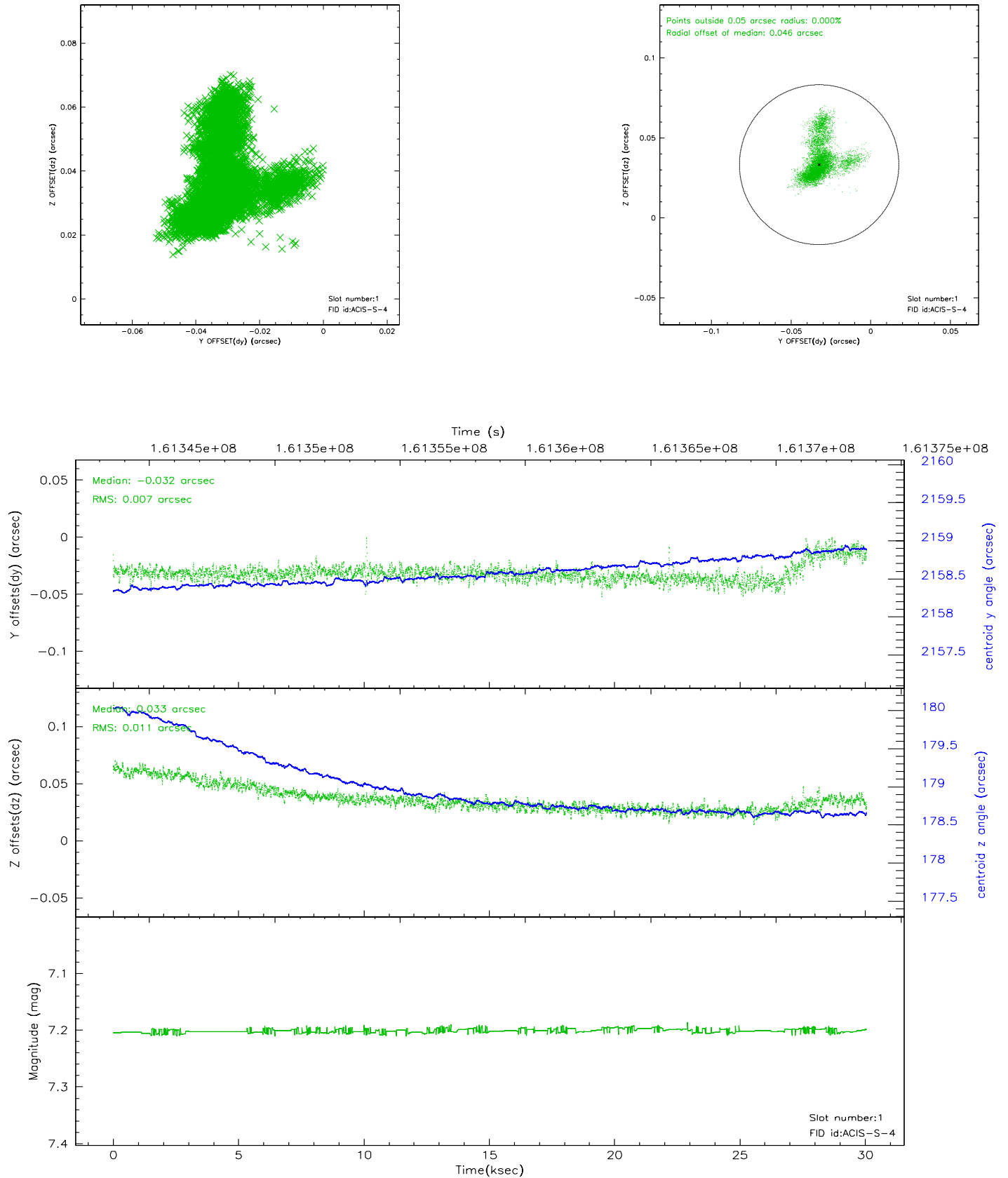


2.5 FID Slots

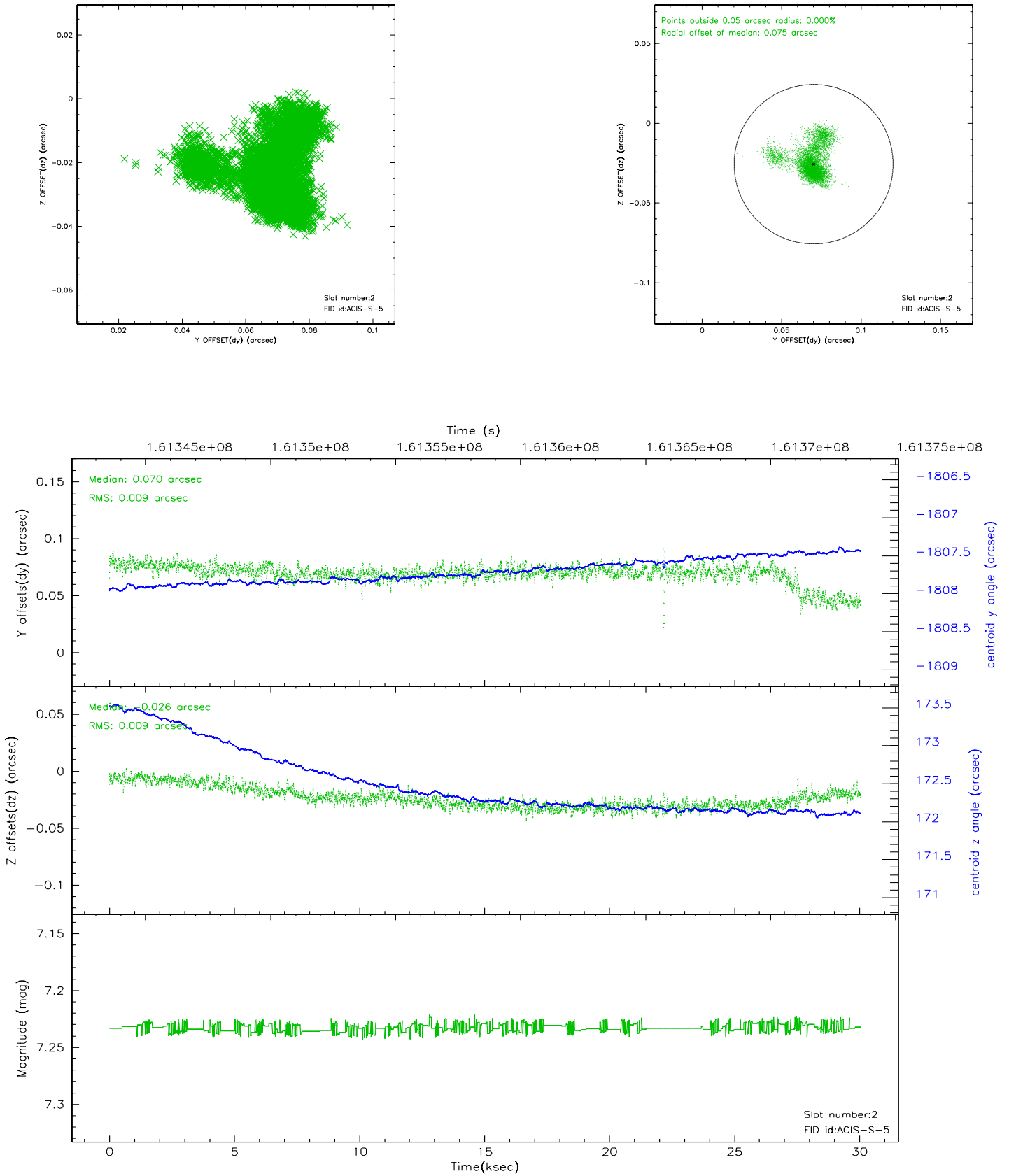
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

6.15 arcmin



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.057

A.2 Comments

Guide star in slot 6 was eliminated from the aspect solution because the tracking of this star was not adequate. Removing this star from the solution does not affect the quality of the aspect solution.