

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3096 - L2 Version 001
Chandra X-Ray Center

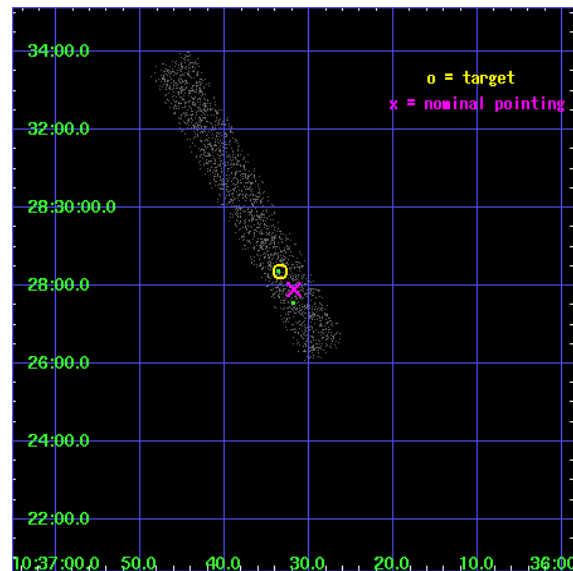
L2 Processing Date : Sep 14 2006

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

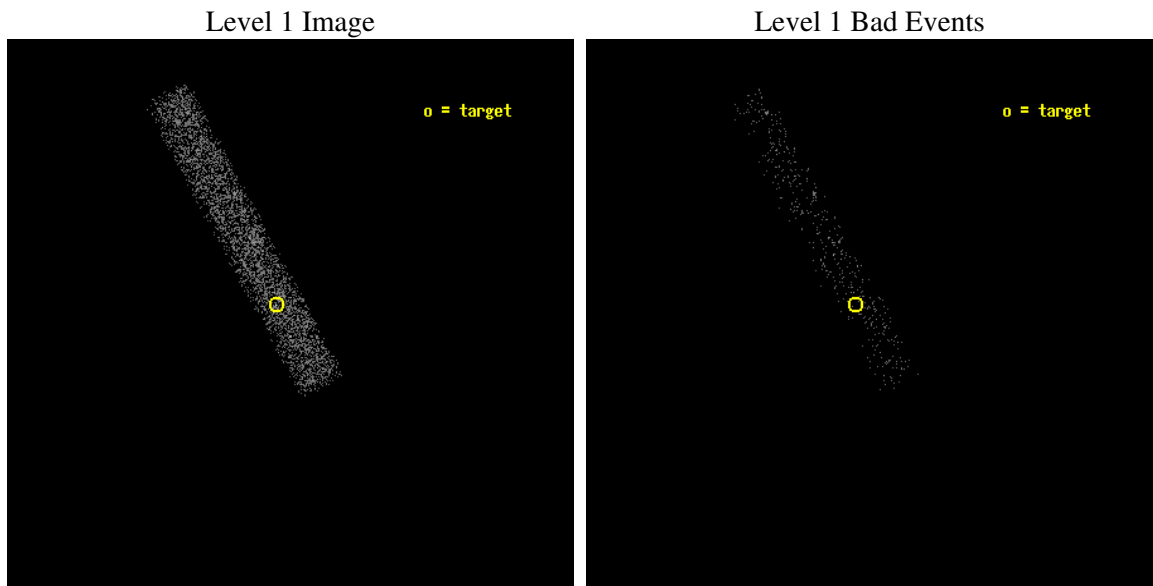
seq_num	700535
obs_id	3096
title	THE X-RAY SPECTRA OF RED QUASARS SELECTED FROM 2MASS AND FIRST
observer	Dr Mark Lacy
object	FTM1036+2828
dtcycle	0
cycle	P
ra_targ	159.139583
dec_targ	28.472667
ra_nom	159.13261764832
dec_nom	28.465044019576
roll_nom	241.55124576618
revision	2
ontime	4560.4000679553
livetime	4136.0421439826
ontime7	4560.4000679553
l2events	2183



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-15T00:05:02
revision	2

sched_exp_time	4000.000000
ontime	4860.6421181858
ontime7	4860.6421181858
l1events	5529

2.1.4 Events

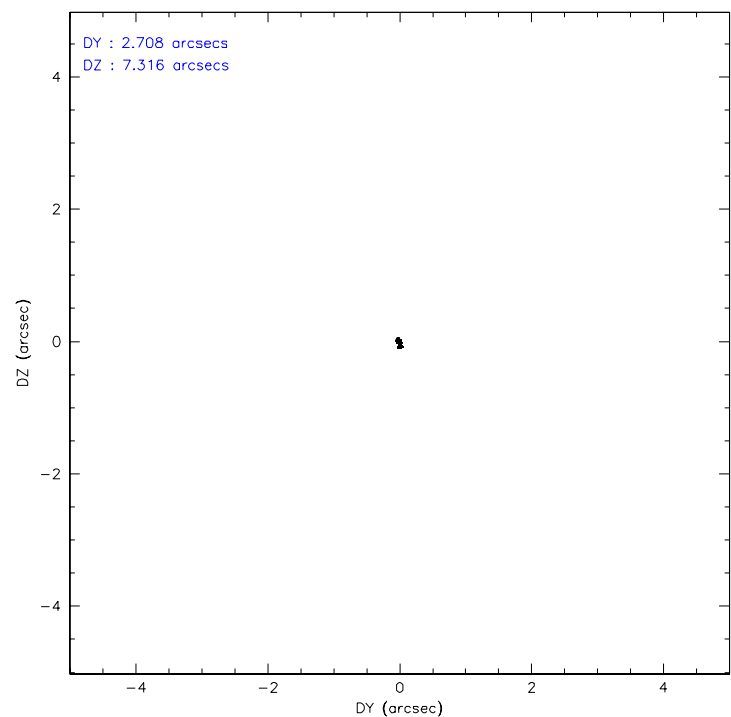
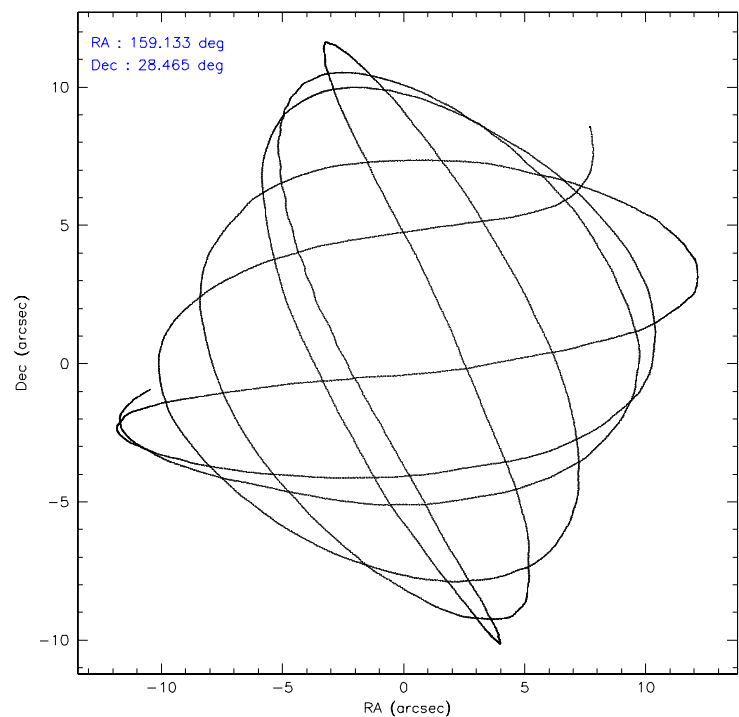
	ccd 7
level 1 events	5529
rejected events	3264
rejected %	59%

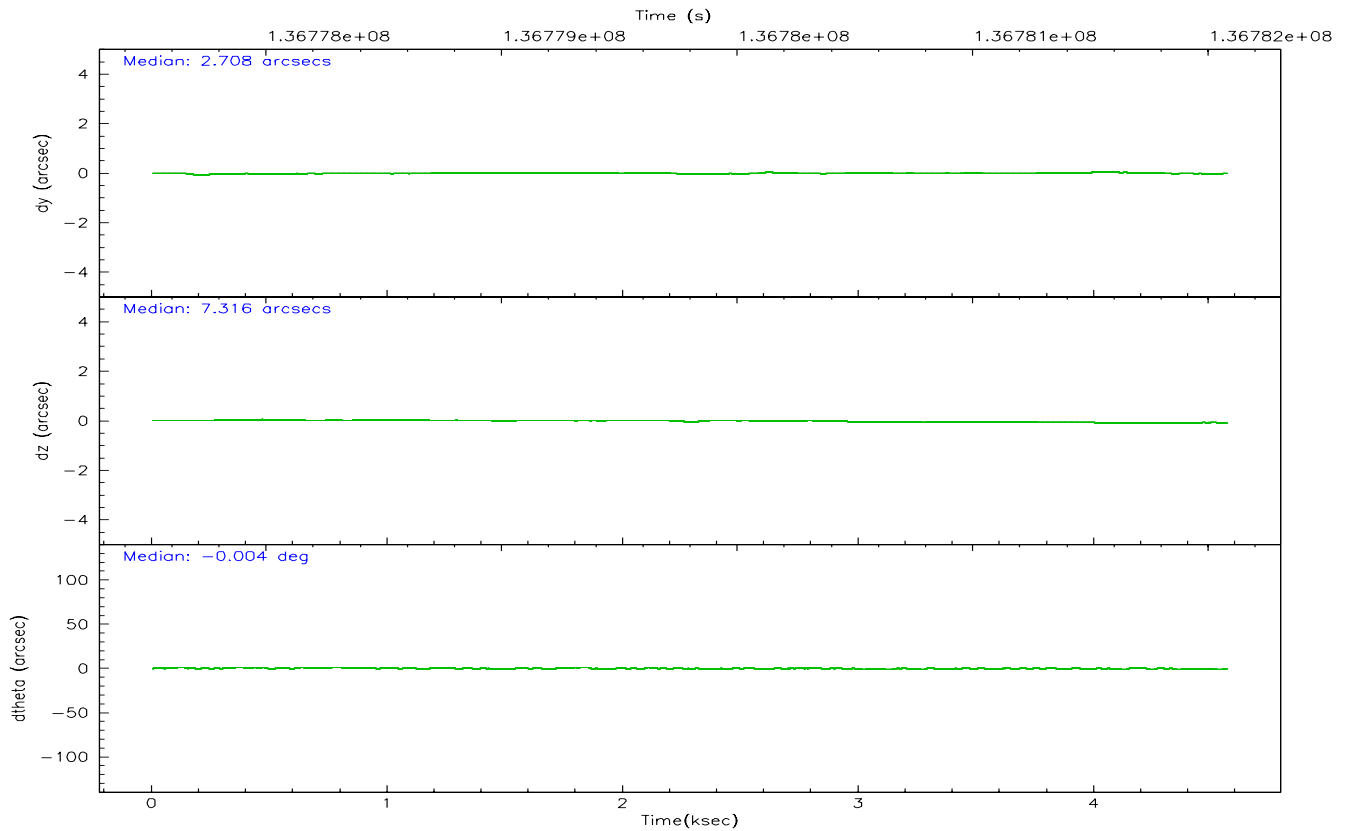
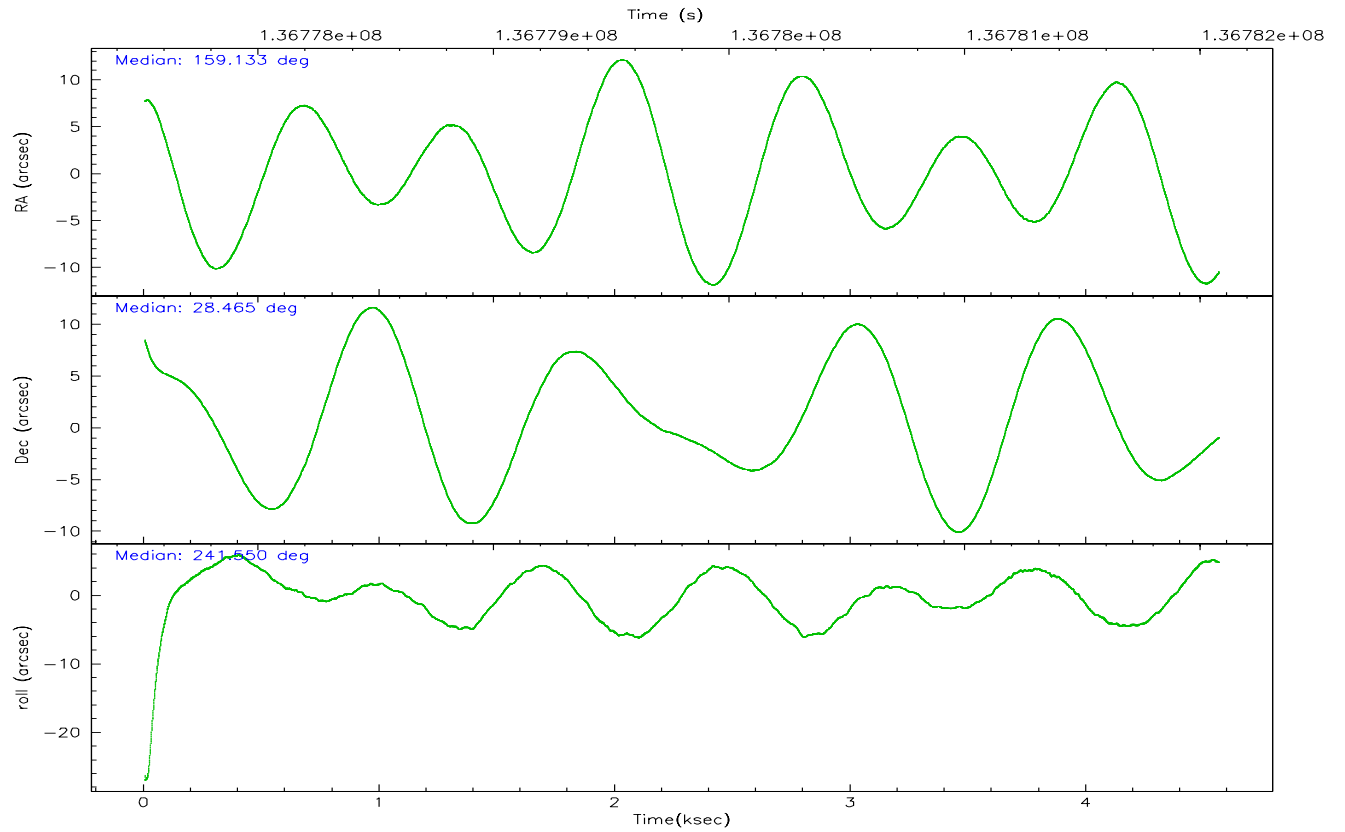
	ccd 7
grade 0 events	206
	3%
grade 1 events	8
	0%
grade 2 events	576
	10%
grade 3 events	254
	4%
grade 4 events	238
	4%
grade 5 events	389
	7%
grade 6 events	1151
	20%
grade 7 events	2707
	48%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	159.131470	159.1326176483237	Subarray requested	1/8	1/8
Pointing Dec	28.492321	28.46504401957557	Subarray start row	0	449
Pointing Roll	241.395219	241.5512457661782	Subarray row count	1024	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	136778088.184000	136776941.27593			
Observation start date	2002-05-03T01:53:44	2002-05-03T01:35:41			
Observation end time	136782088.184000	136782490.62616			
Observation end date	2002-05-03T03:00:24	2002-05-03T03:08:10			
Read mode	TIMED	TIMED			

2.3 Aspect



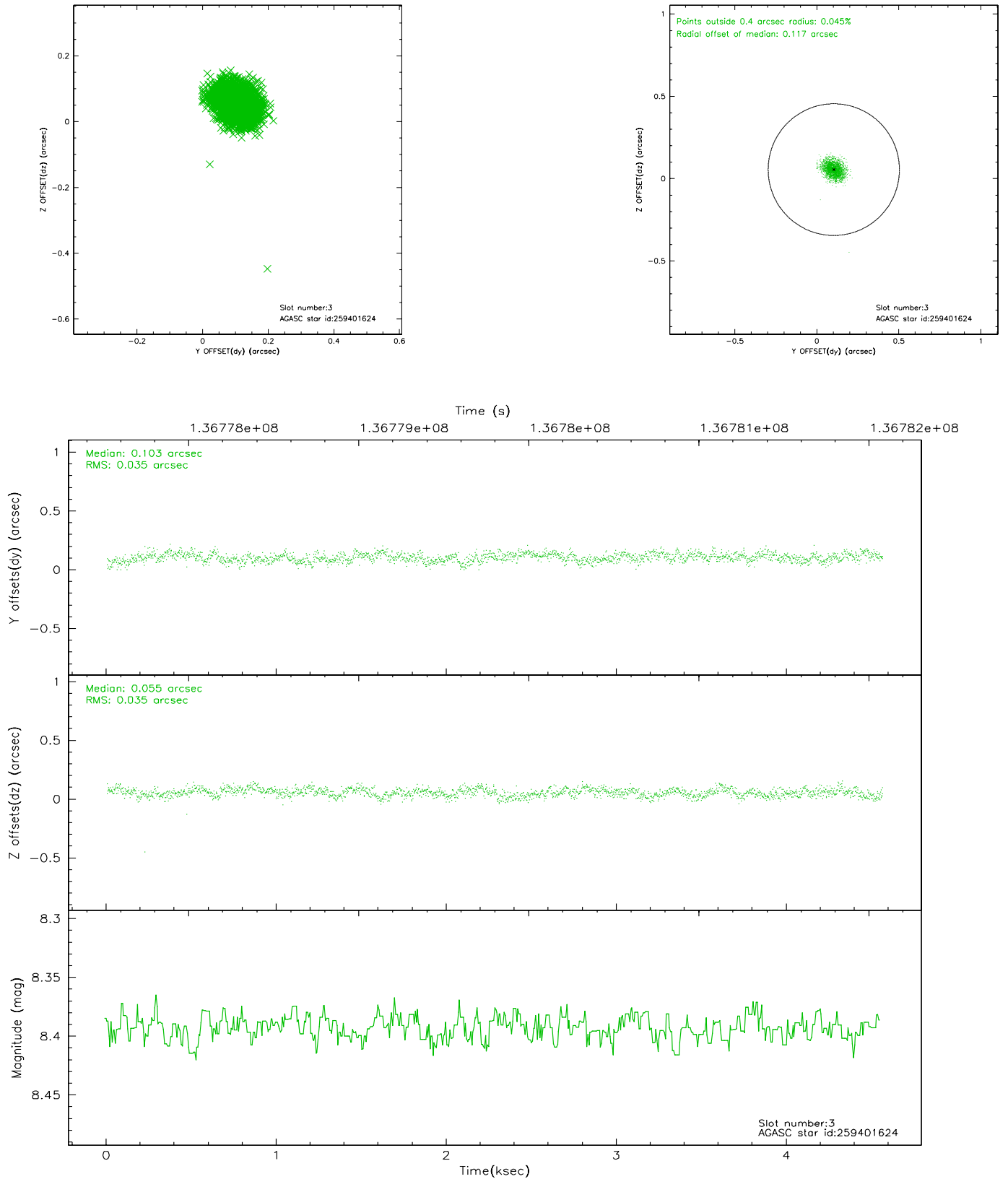


Slot Statistics

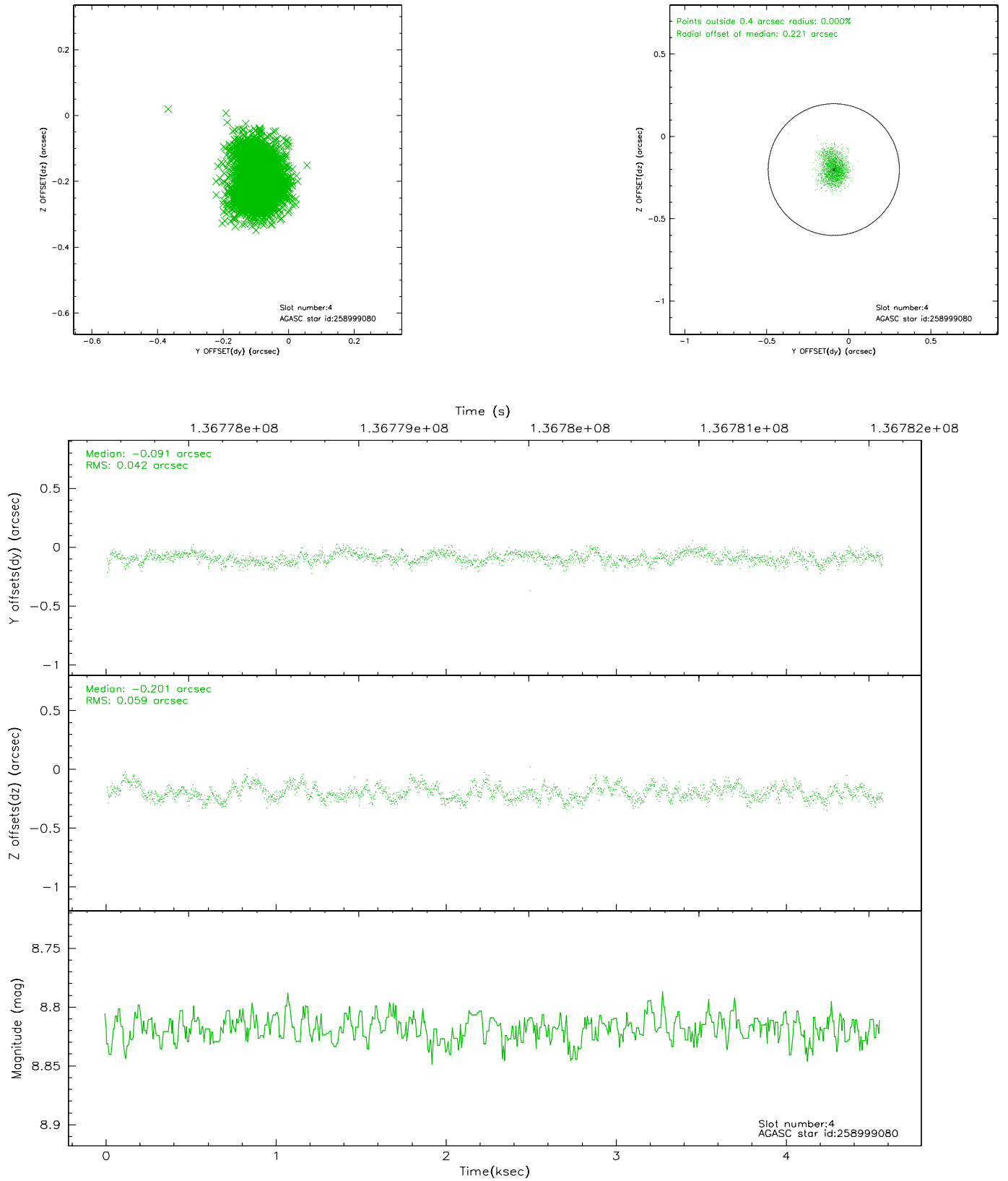
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1113	0.001	0.030	0.006	0.010	0.000000	0.000000	-755.34	-1728.39
1	FID	ACIS-S-4	7.20	1113	-0.083	-0.008	0.005	0.008	0.000000	0.000000	2157.25	178.65
2	FID	ACIS-S-5	7.24	1113	0.051	-0.013	0.006	0.010	0.000000	0.000000	-1806.39	173.86
3	GUIDE	259401624	8.39	2226	0.103	0.055	0.051	0.083	159.195650	27.776207	2165.63	1414.11
4	GUIDE	258999080	8.82	2223	-0.091	-0.201	0.076	0.127	158.930276	29.104129	-1630.21	-1609.81
5	GUIDE	259004208	6.72	2226	0.031	0.100	0.075	0.111	158.708432	27.961574	2318.75	-267.41
6	GUIDE	259400528	9.91	2225	0.075	-0.030	0.131	0.224	159.840803	28.311636	-509.91	2281.88
7	GUIDE	259402688	9.07	2224	-0.121	0.082	0.068	0.111	159.410713	29.115742	-2392.10	-302.77

2.4 Star Slots

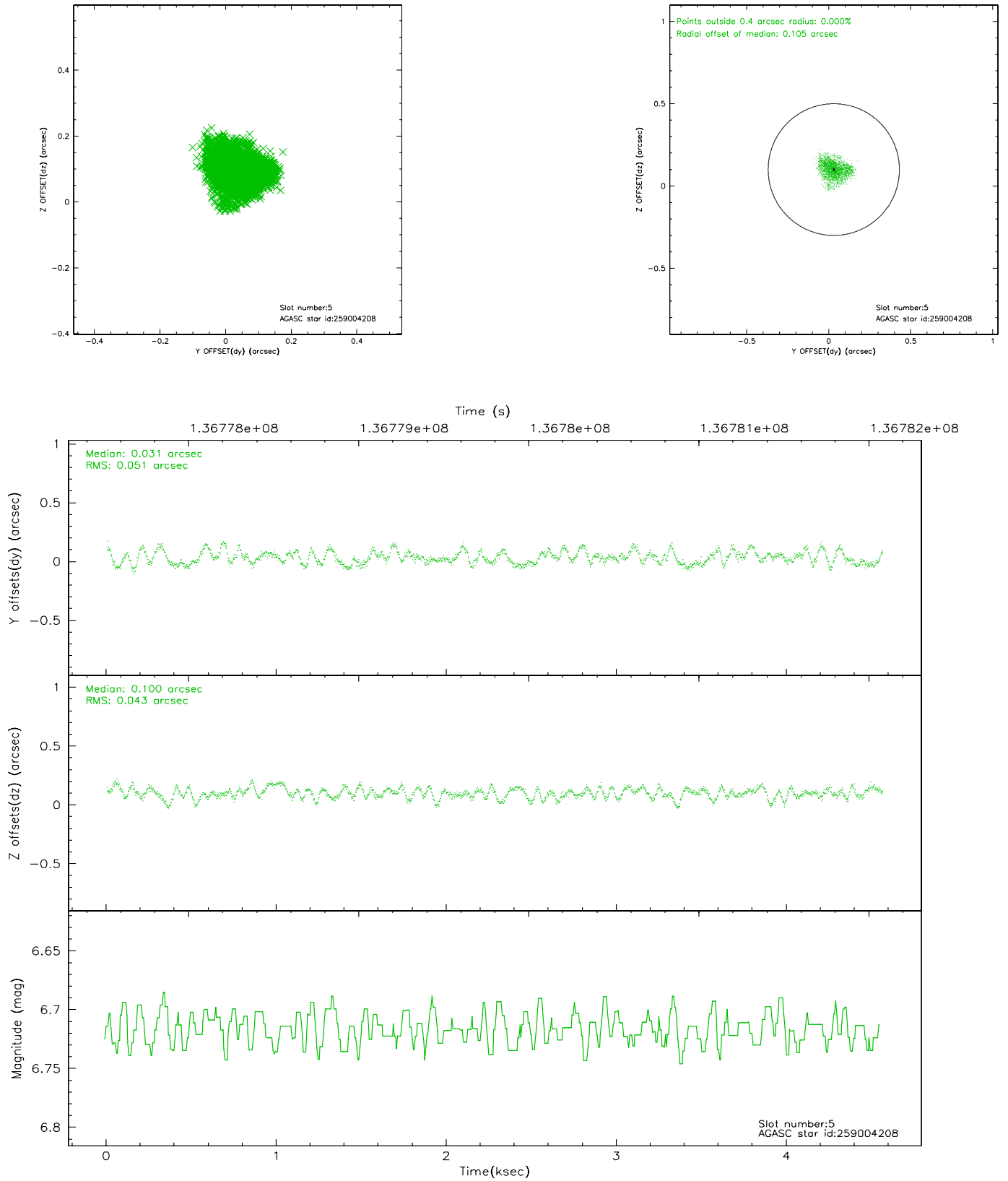
2.4.1 Slot 3



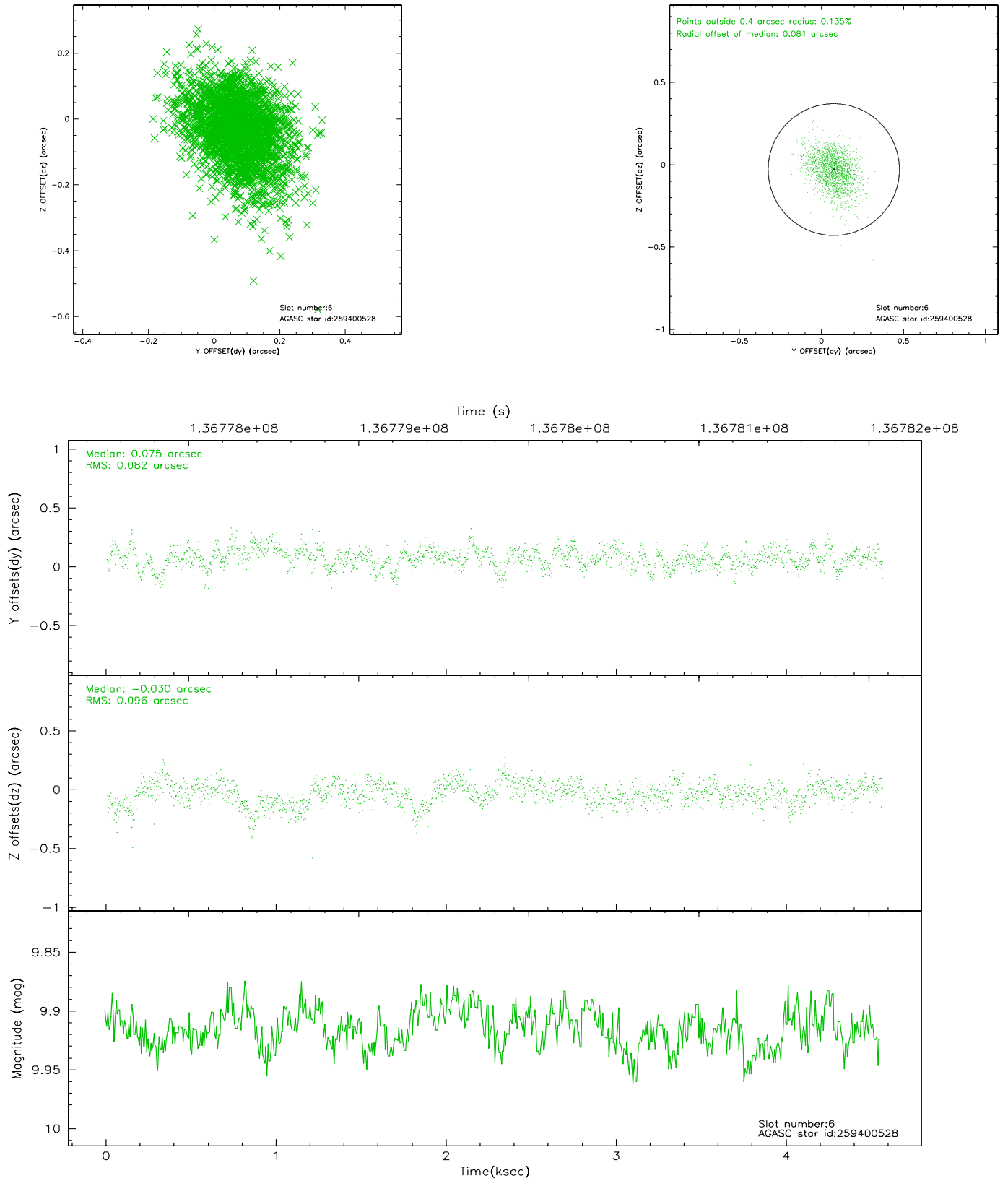
2.4.2 Slot 4



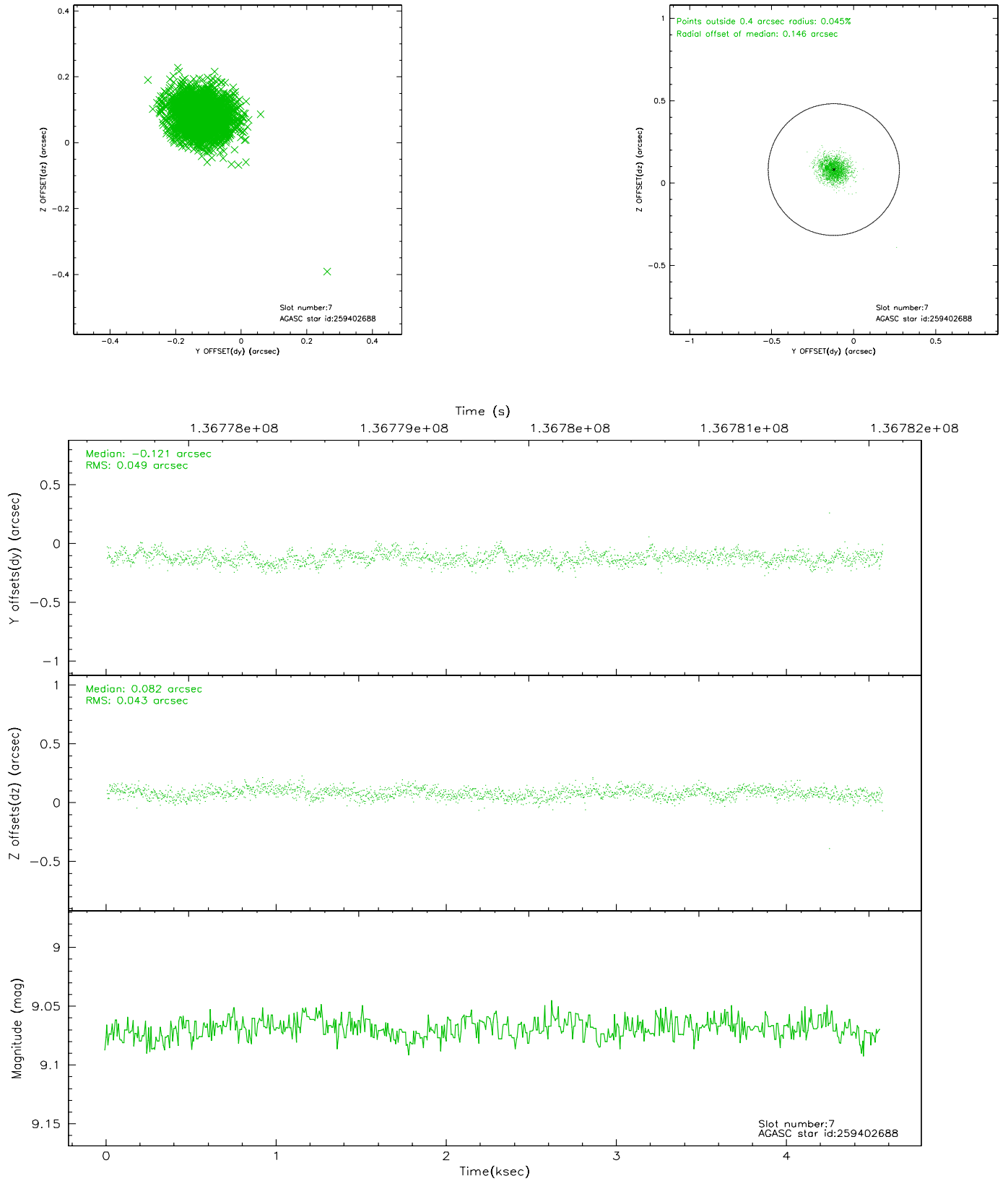
2.4.3 Slot 5



2.4.4 Slot 6

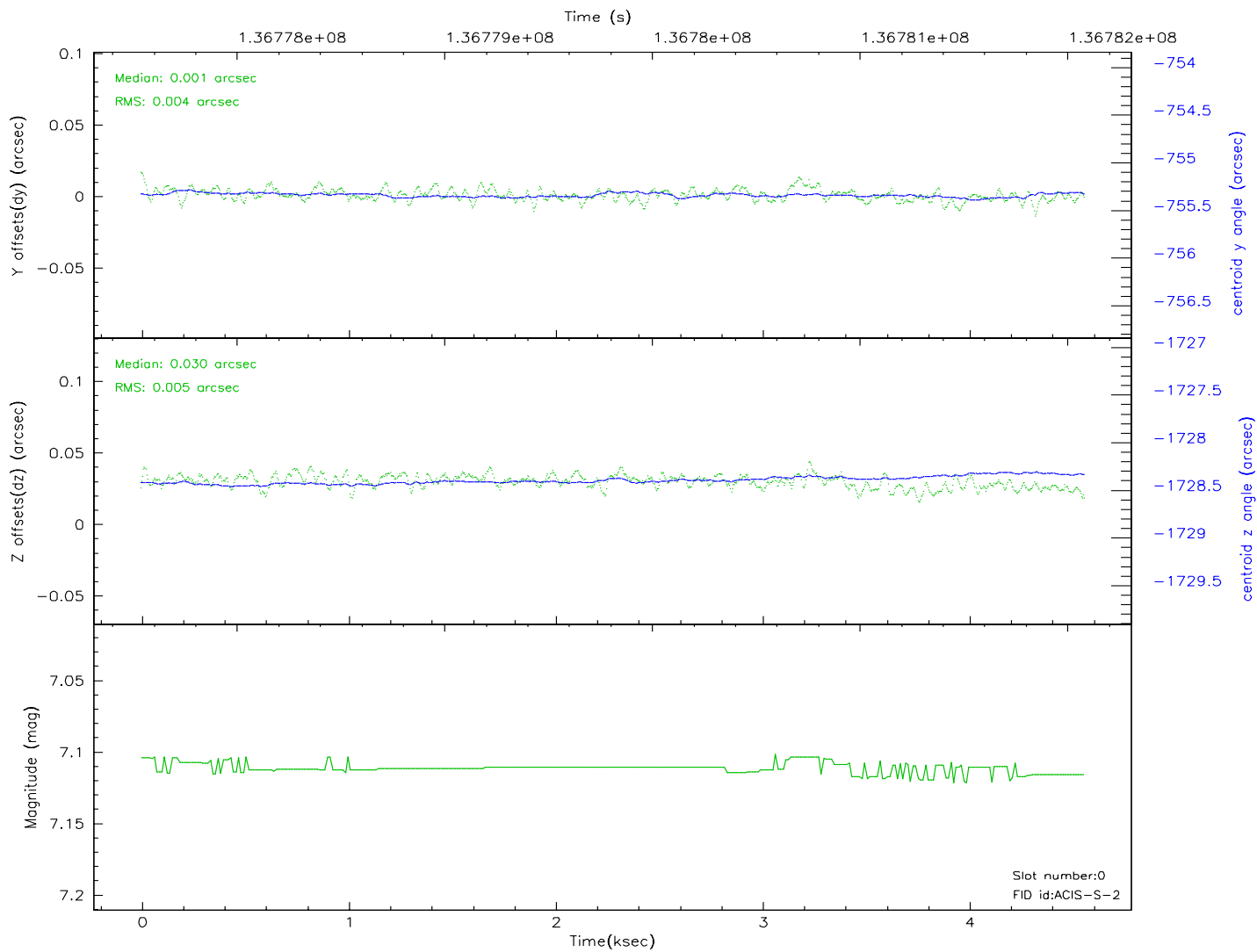
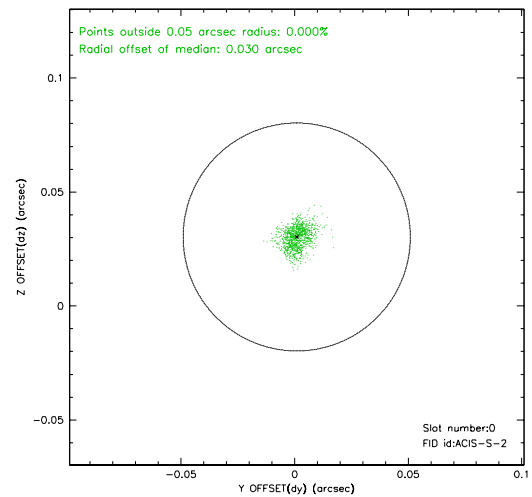
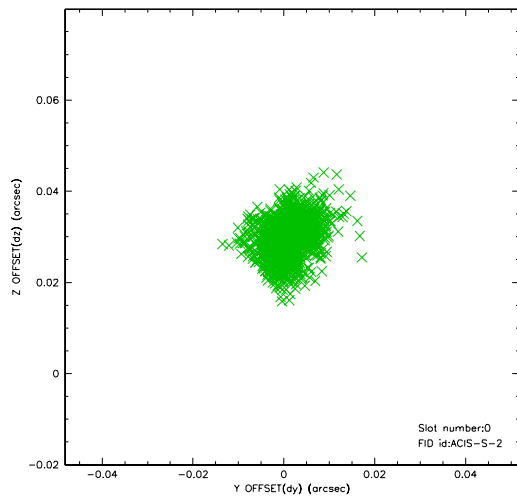


2.4.5 Slot 7

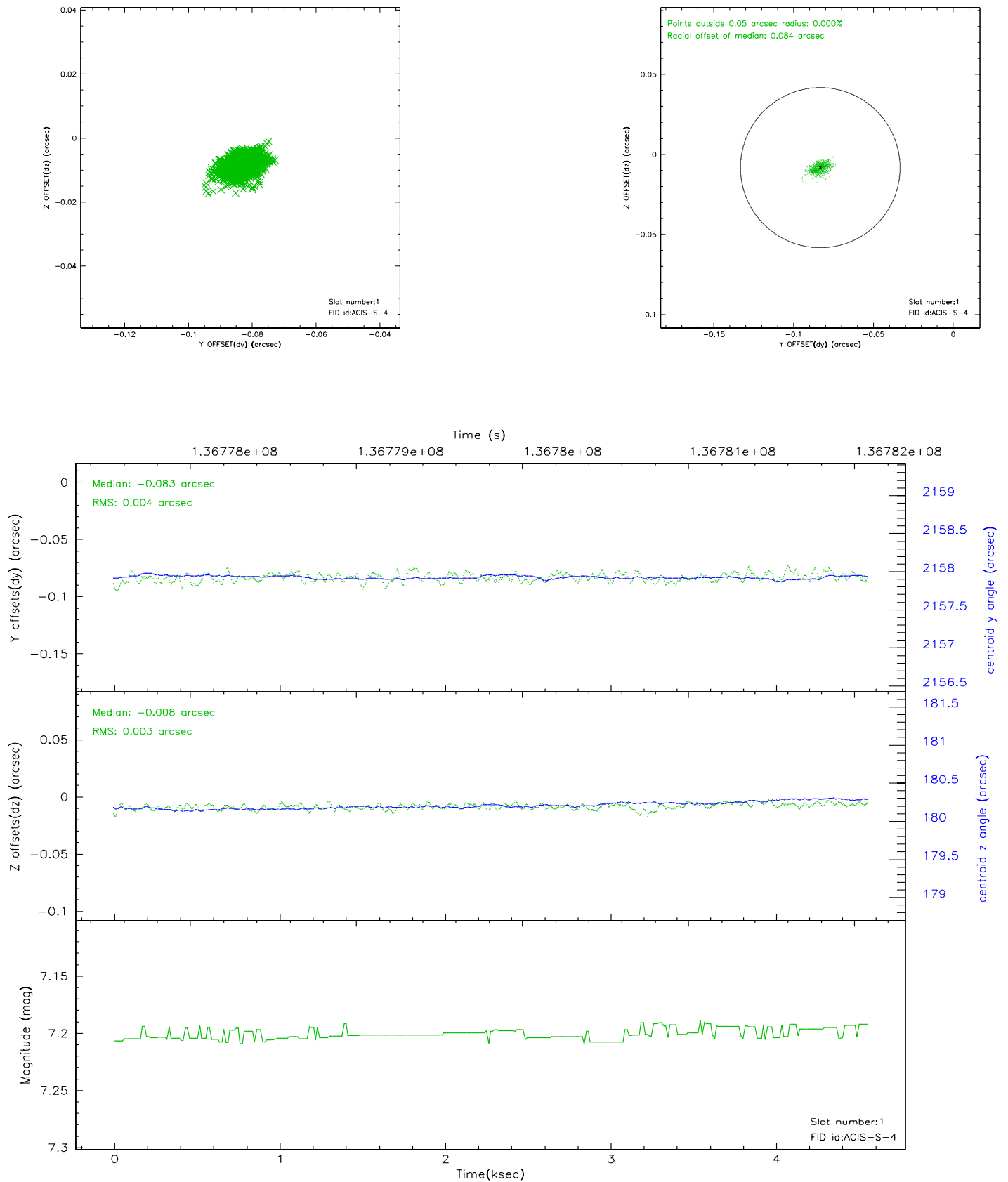


2.5 FID Slots

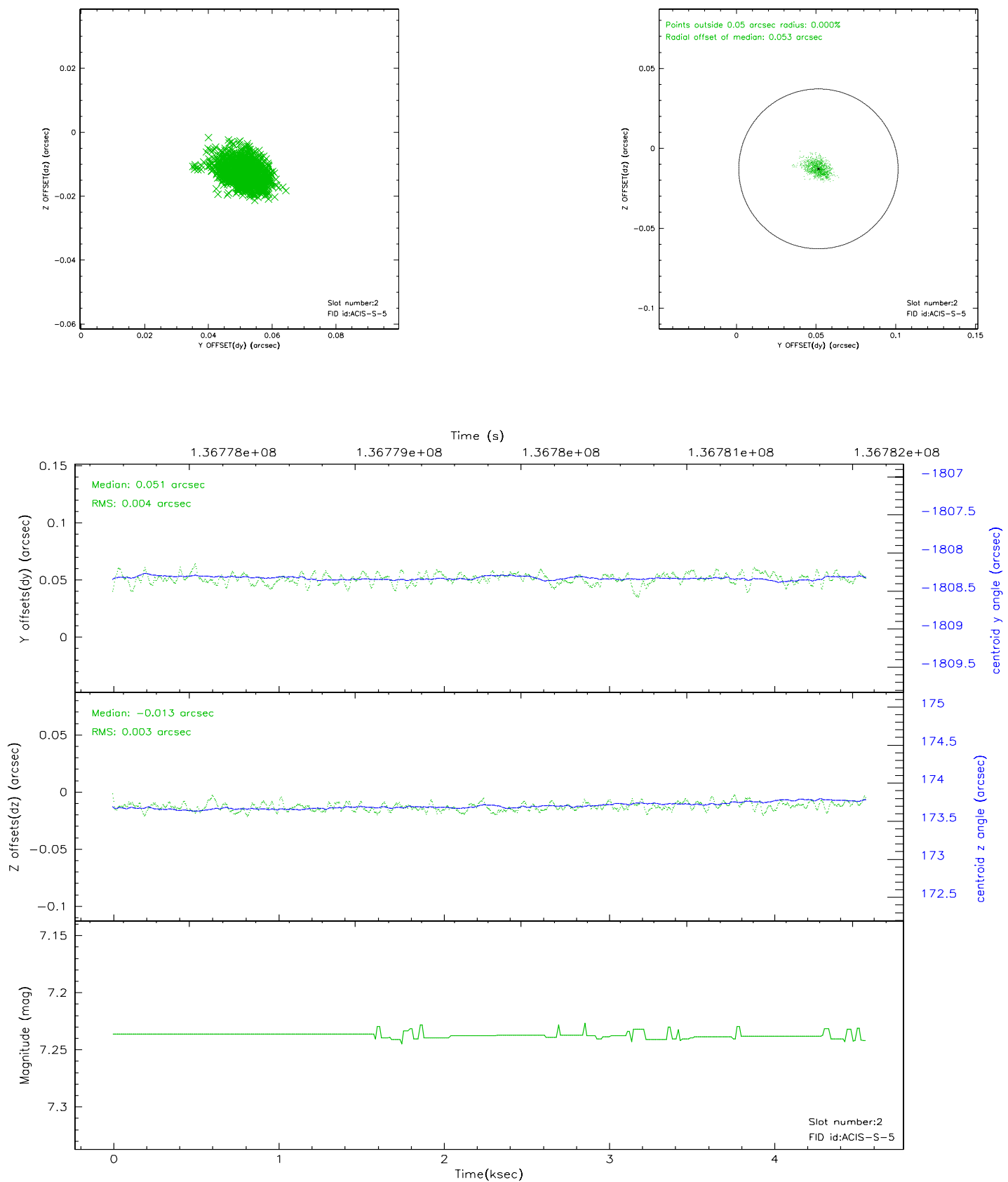
2.5.1 Slot 0



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)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.559

A.2 Comments