

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6178 - L2 Version 002
Chandra X-Ray Center

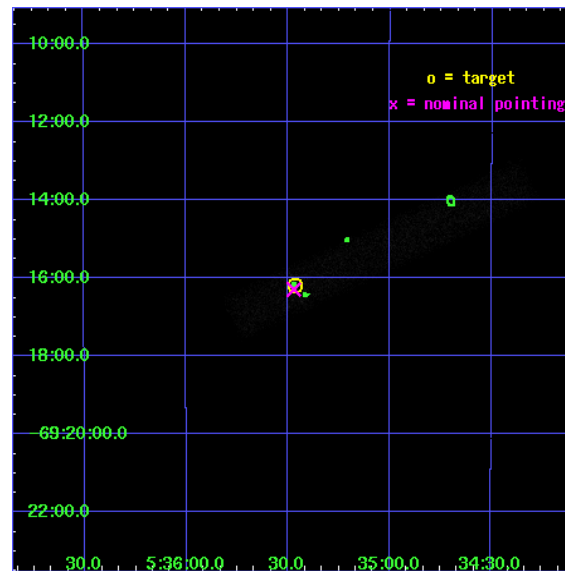
L2 Processing Date: Feb 17 2006

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

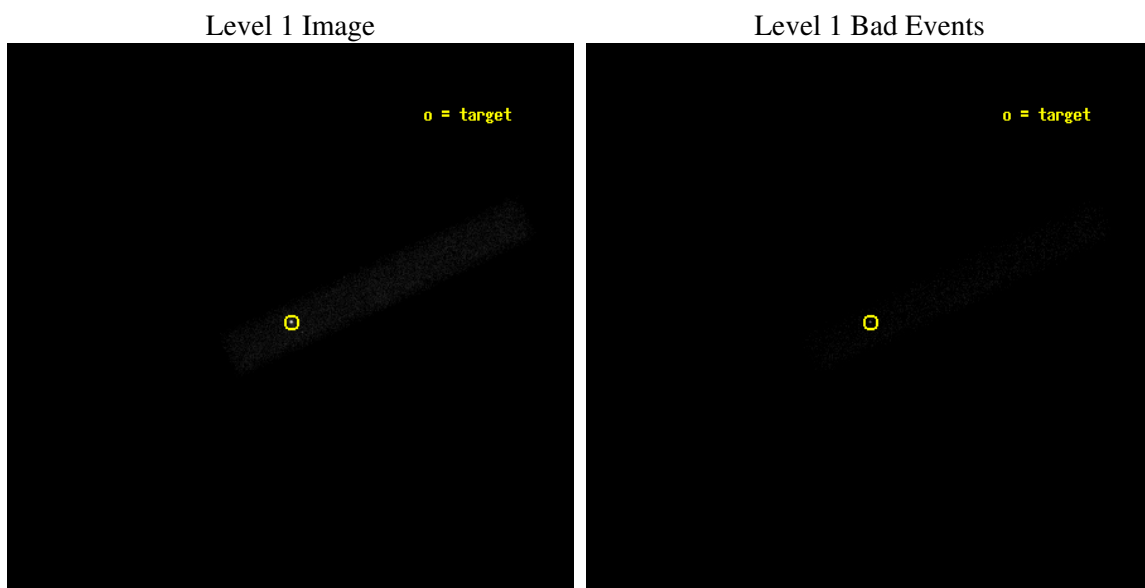
seq_num	500568
obs_id	6178
title	Chandra AO6 Monitoring Images of SNR1987A
observer	Dr. David Burrows
object	SNR1987A
dtcycle	0
cycle	P
ra_targ	83.866667
dec_targ	-69.26975
ra_nom	83.867835265716
dec_nom	-69.271804127171
roll_nom	335.1391195762
revision	2
ontime	18166.4002707
livetime	16475.966144296
ontime7	18166.4002707
l2events	19886



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-17T03:56:41
revision	2

sched_exp_time	18000.000000
ontime	19126.37864244
ontime7	19126.37864244
l1events	35479

2.1.4 Events

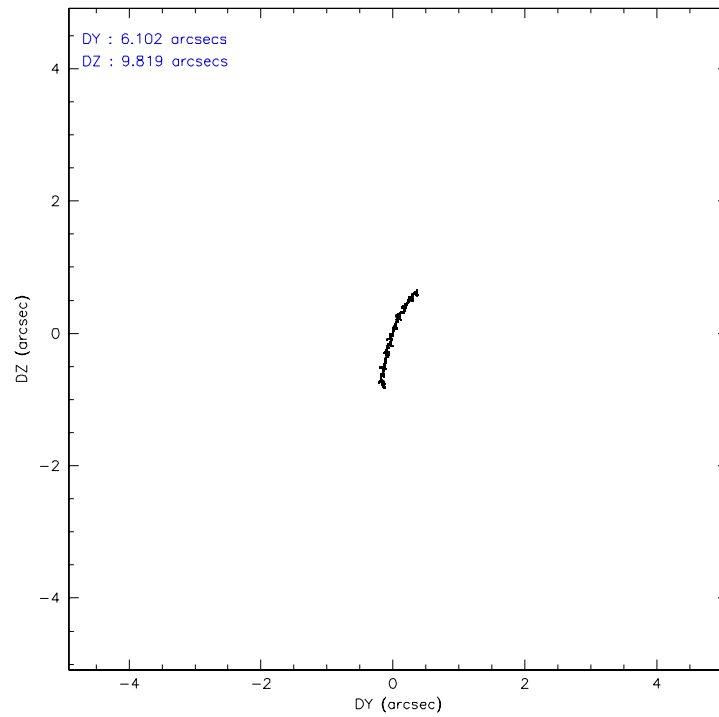
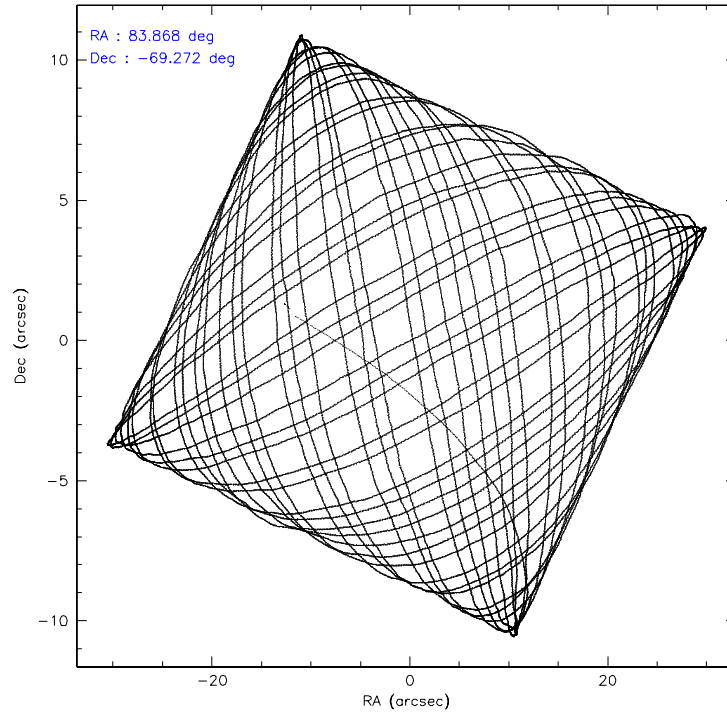
	ccd 7
level 1 events	35479
rejected events	15133
rejected %	42%

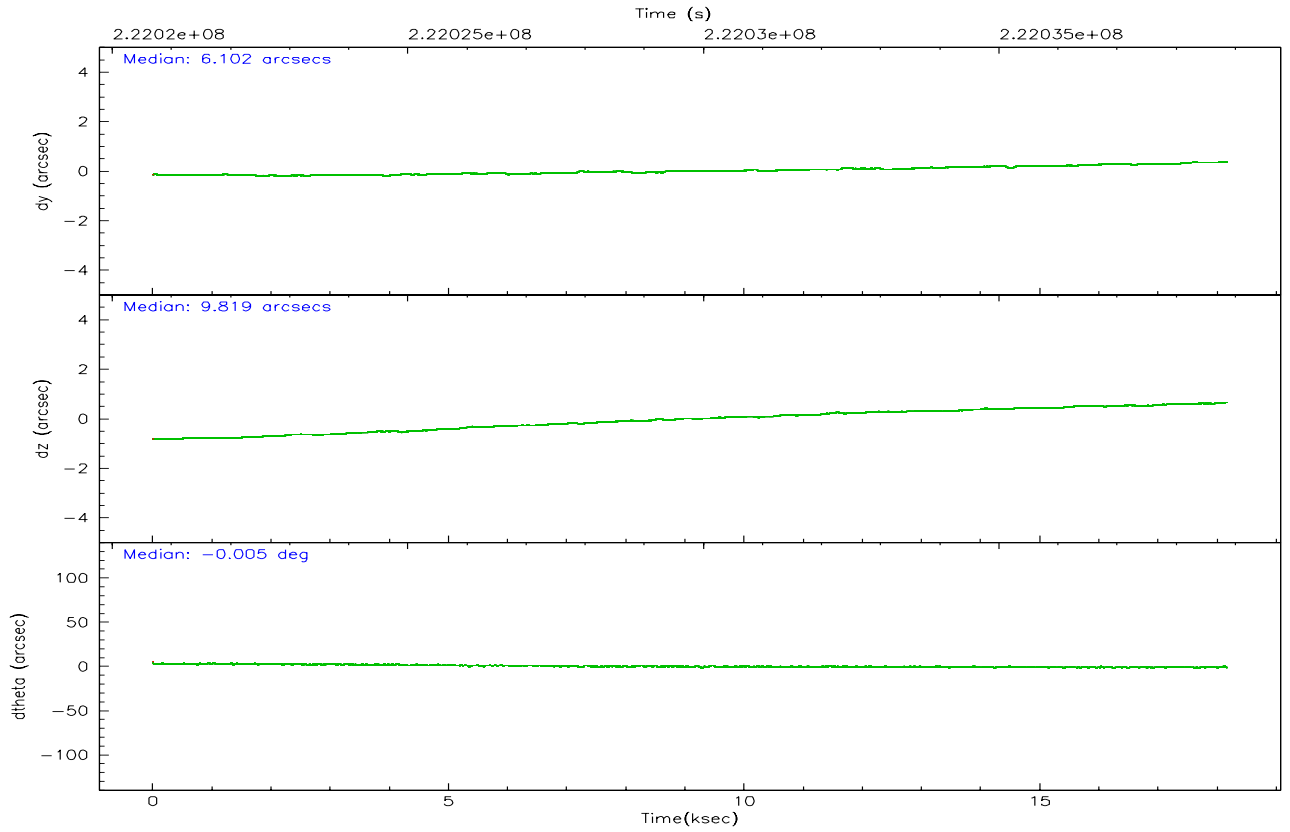
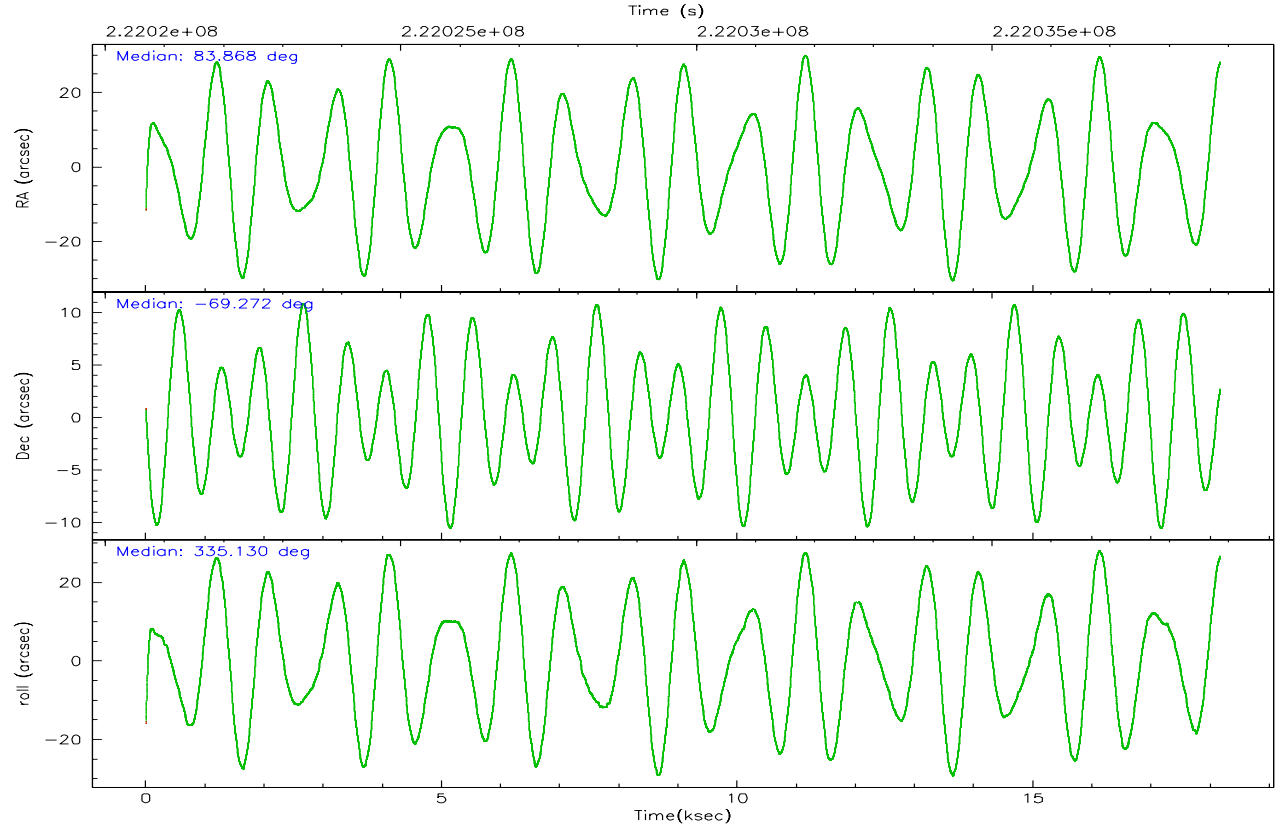
	ccd 7
grade 0 events	3679
	10%
grade 1 events	59
	0%
grade 2 events	5383
	15%
grade 3 events	2263
	6%
grade 4 events	2266
	6%
grade 5 events	1921
	5%
grade 6 events	7381
	20%
grade 7 events	12527
	35%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	83.791351	83.8678352657161	Subarray start row	0	449
Pointing Dec	-69.274583	-69.27180412717125	Subarray row count	1024	128
Pointing Roll	334.910961	335.1391195761988	Alternating exposures requested	N	N
Window start time	221616064.184000	221616064.184000	Primary exposure time	0.000000	0.4
Window stop time	223171264.184000	223171264.184000			
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	222020861.184000	222019735.38636			
Observation start date	2005-01-13T16:26:37	2005-01-13T16:08:55			
Observation end time	222038861.184000	222039648.06226			
Observation end date	2005-01-13T21:26:37	2005-01-13T21:40:48			
Read mode	TIMED	TIMED			

2.3 Aspect



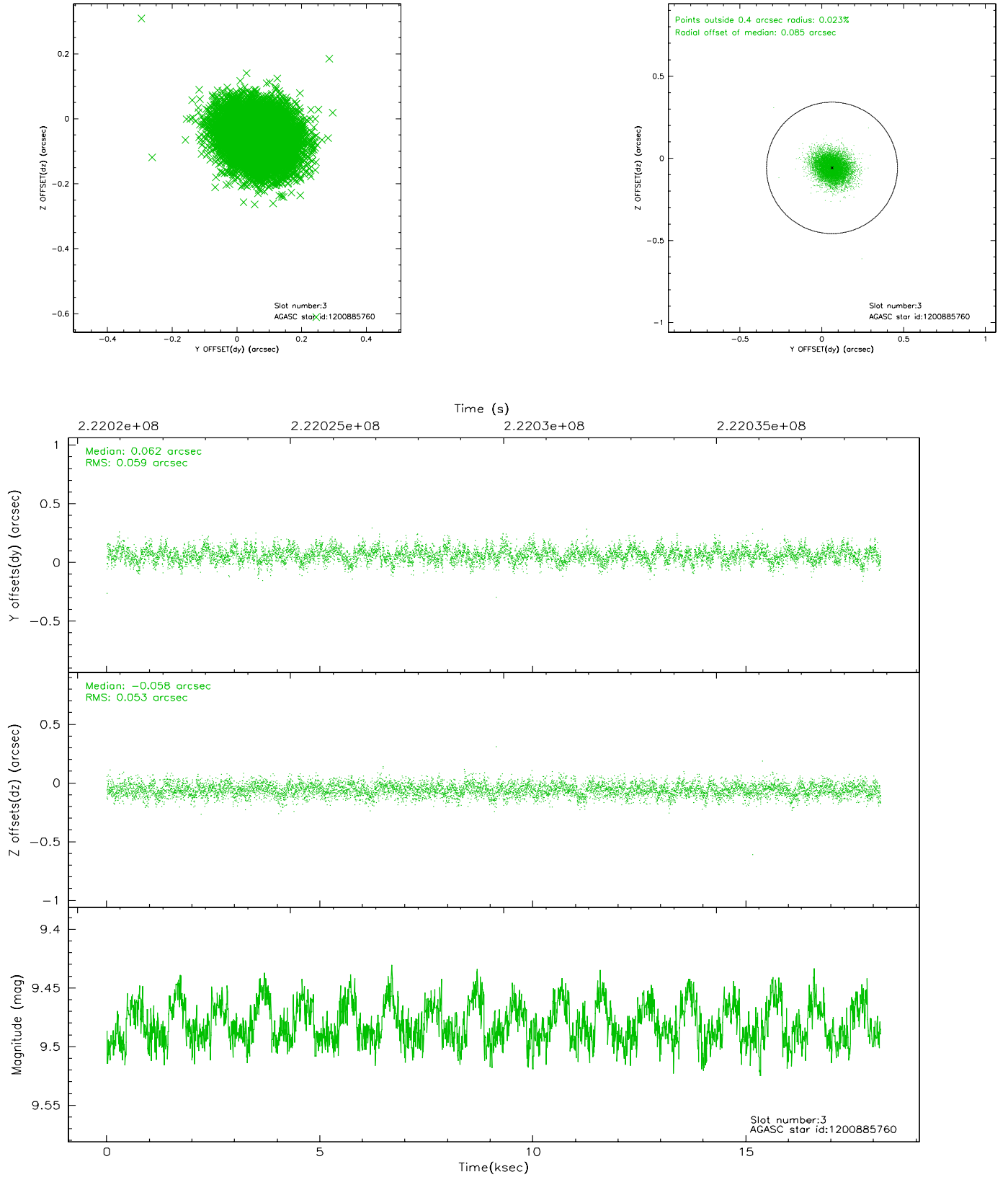


Slot Statistics

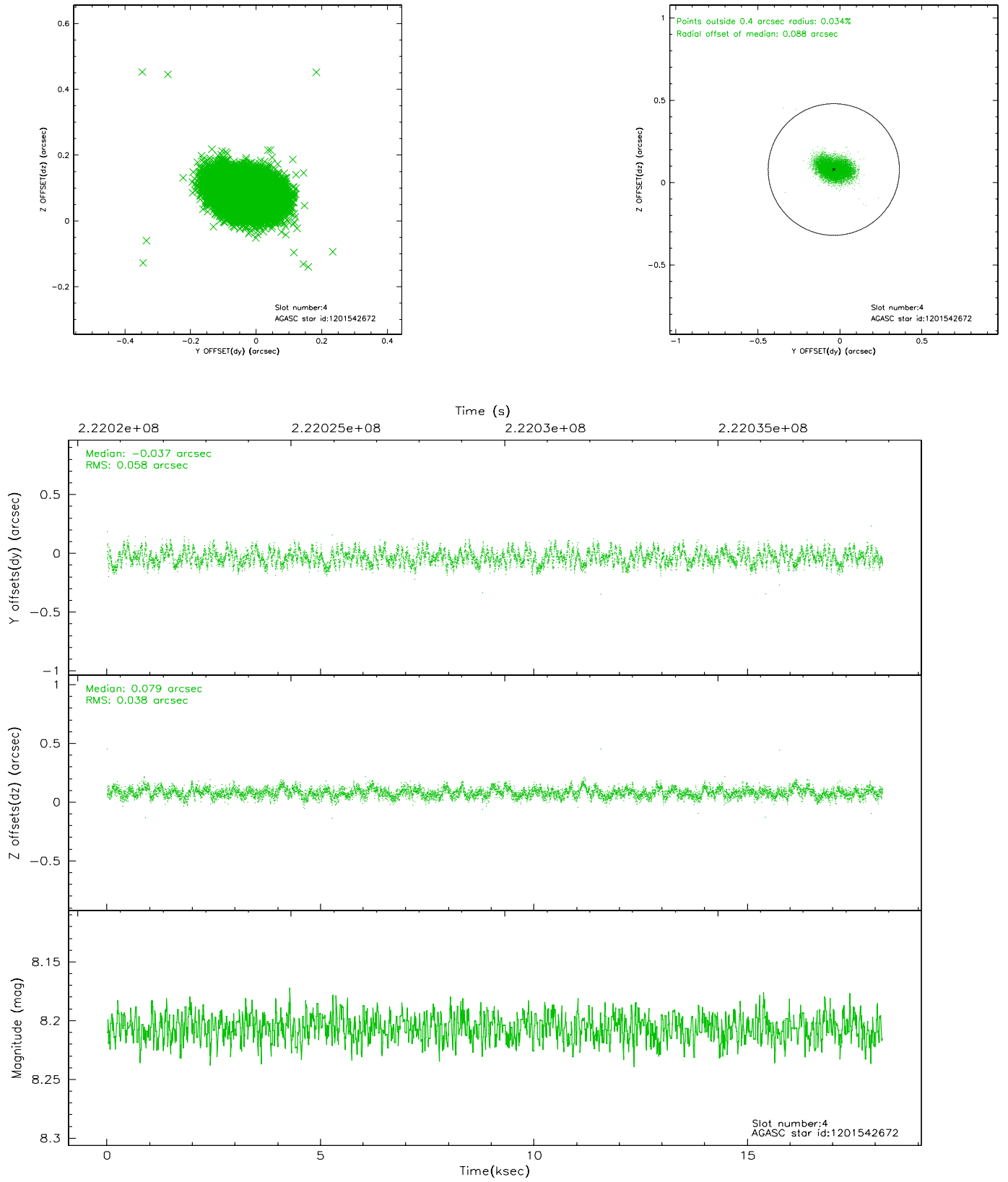
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	4432	0.004	0.002	0.018	0.031	0.000000	0.000000	937.17	-1726.59
1	FID	ACIS-S-5	7.24	4430	-0.052	0.001	0.014	0.024	0.000000	0.000000	-1811.74	170.76
2	FID	ACIS-S-6	7.35	4432	0.027	0.009	0.025	0.035	0.000000	0.000000	402.53	814.96
3	GUIDE	1200885760	9.48	8852	0.062	-0.058	0.084	0.138	83.723637	-68.777667	-838.39	1582.81
4	GUIDE	1201542672	8.21	8862	-0.037	0.079	0.074	0.118	84.492488	-69.957531	1828.35	-1862.57
5	GUIDE	1200884248	9.48	8855	-0.004	-0.211	0.127	0.204	83.880915	-68.565170	-976.12	2362.78
6	GUIDE	1201411288	9.25	8858	-0.103	0.058	0.096	0.156	81.410076	-69.595403	-2191.70	-2365.20
7	GUIDE	1201410616	9.33	8856	0.080	0.125	0.112	0.181	82.516808	-69.784406	-650.24	-2349.29

2.4 Star Slots

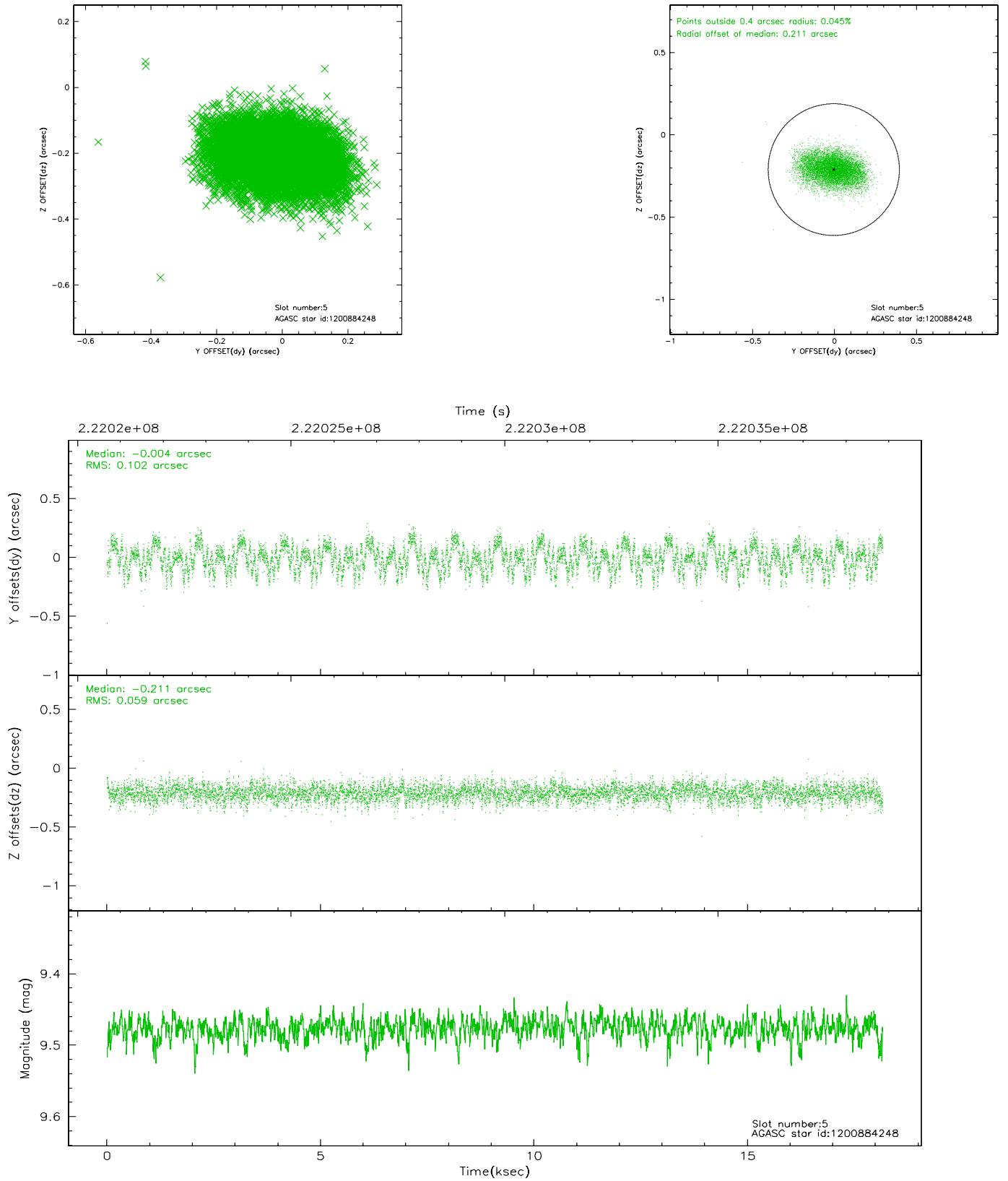
2.4.1 Slot 3



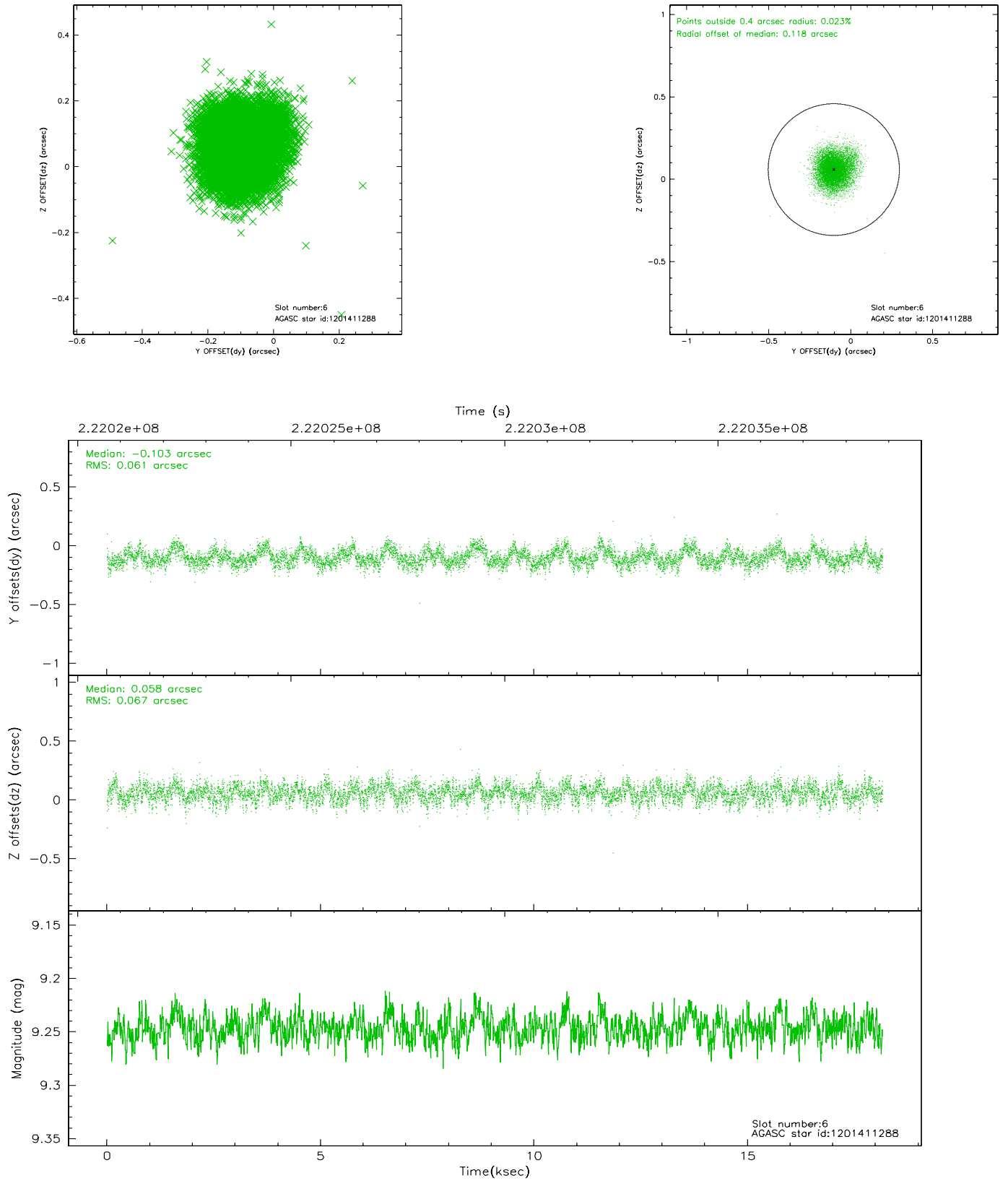
2.4.2 Slot 4



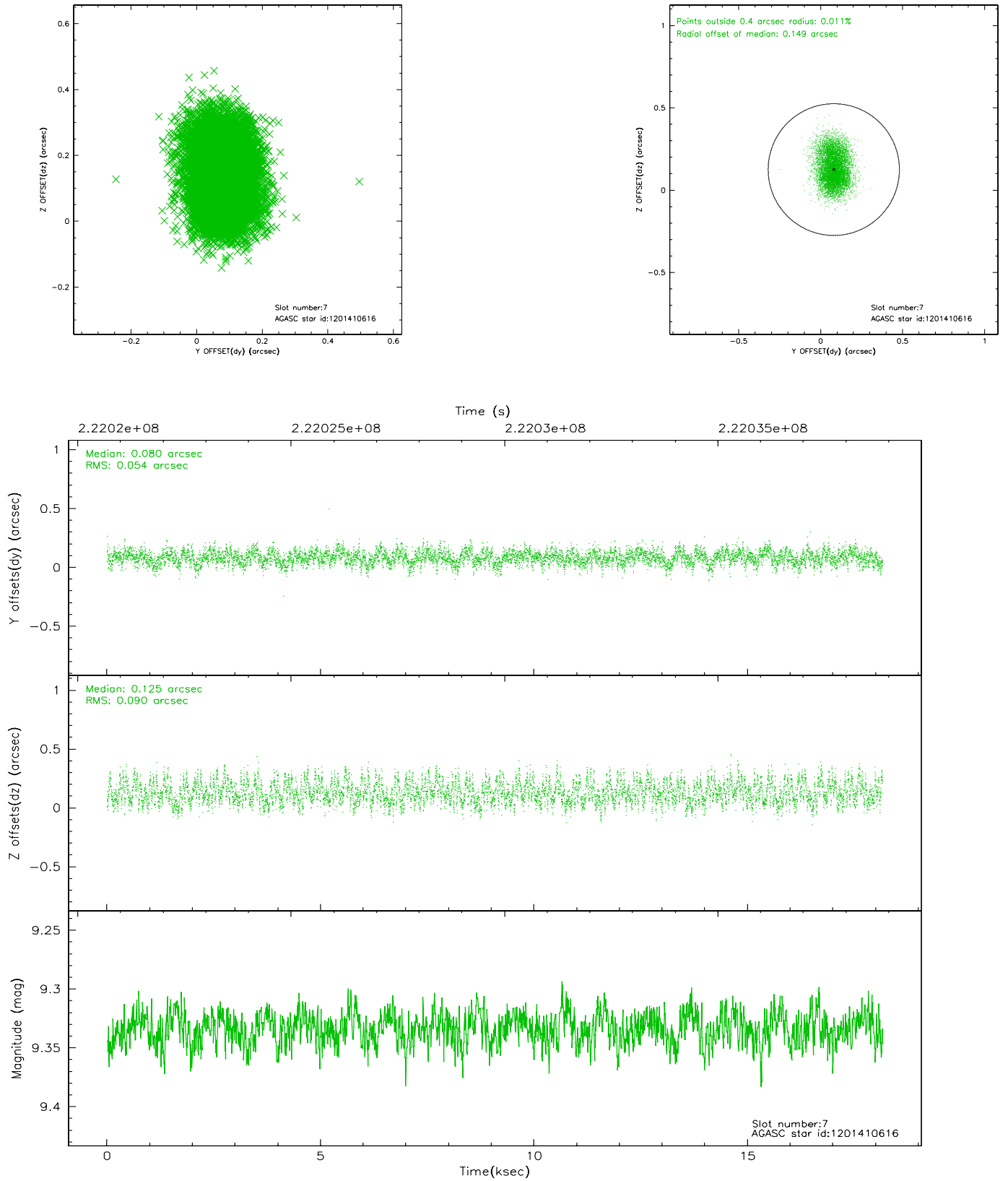
2.4.3 Slot 5



2.4.4 Slot 6

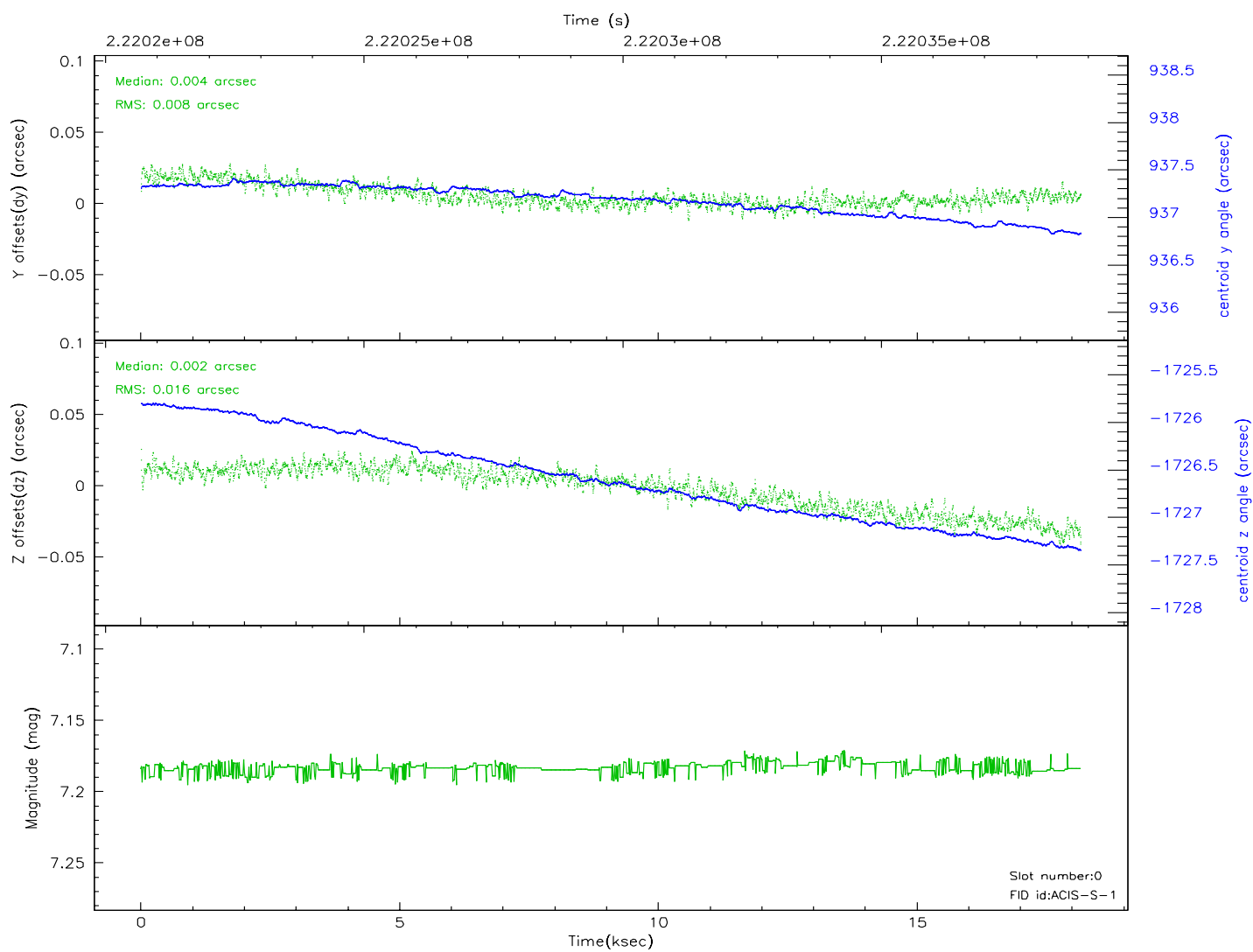
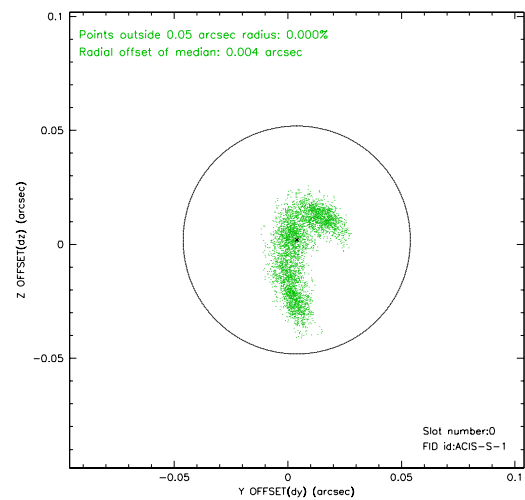
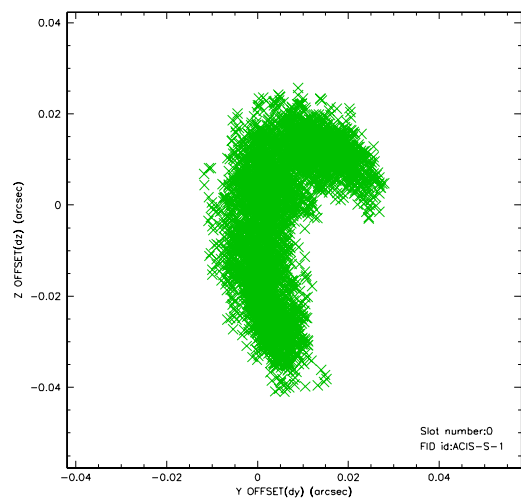


2.4.5 Slot 7

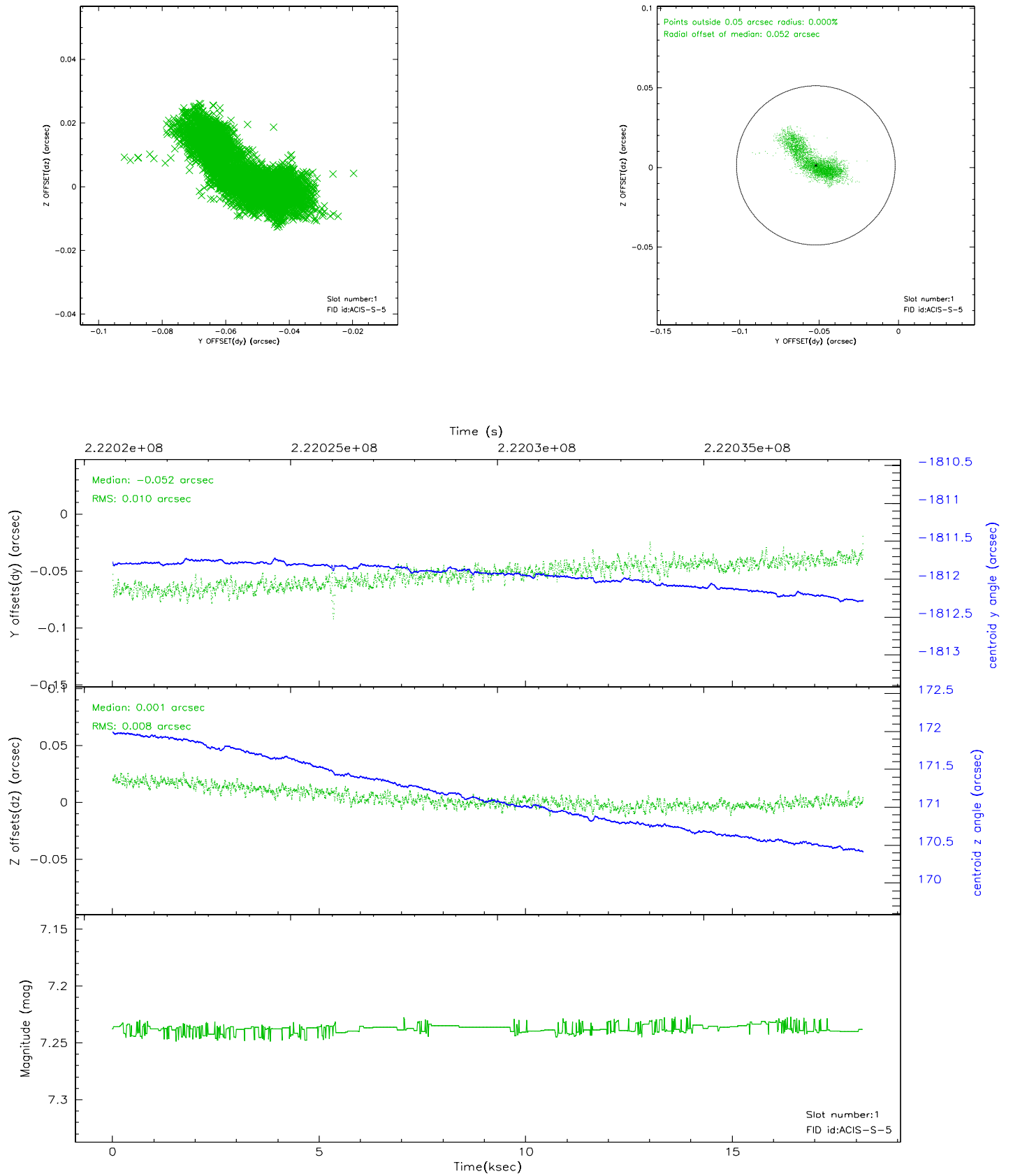


2.5 FID Slots

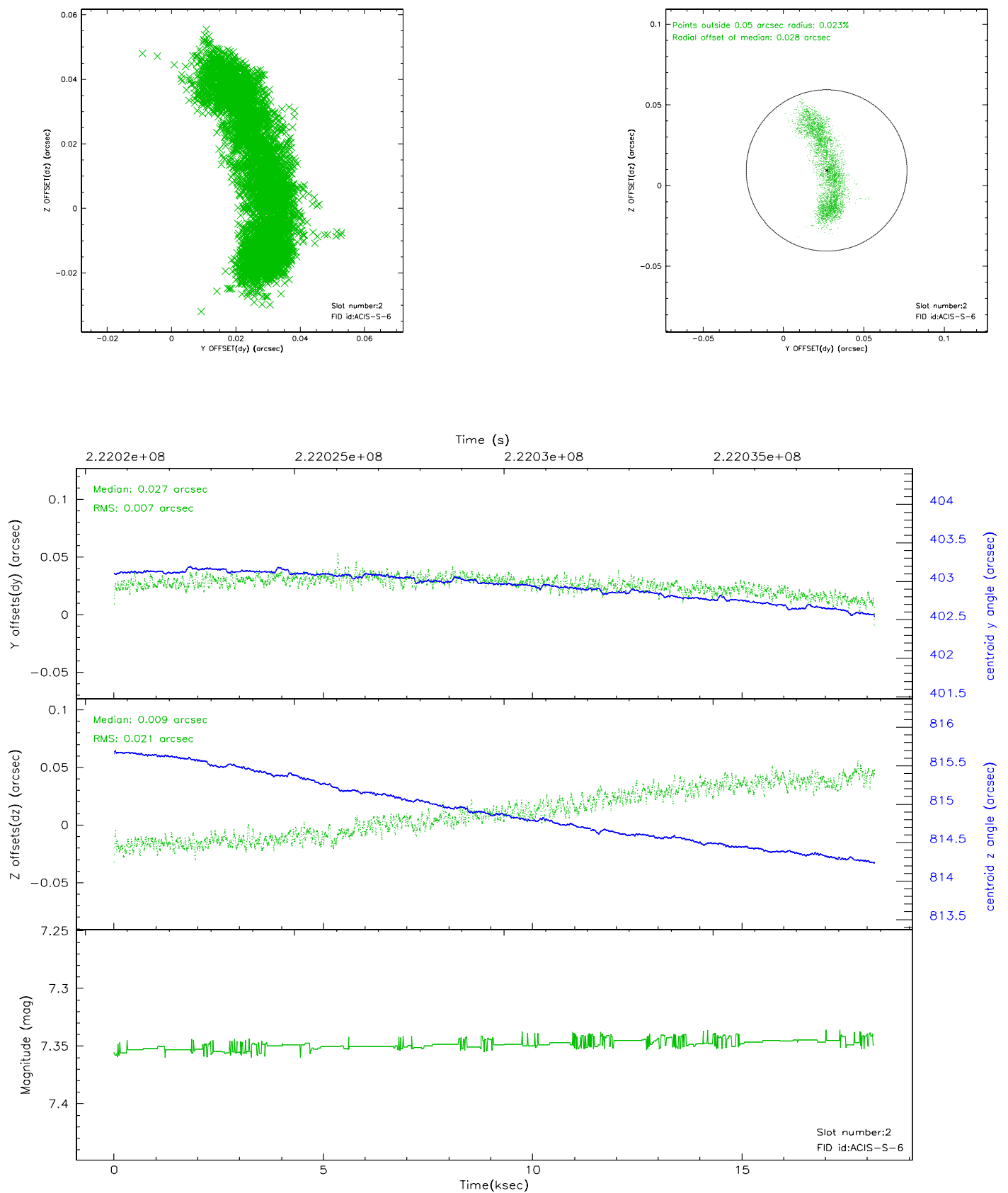
2.5.1 Slot 0



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)	2006.02.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.1664

A.2 Comments

Charge time:

Using existing charge time of 18.1664.

Window constraint met