

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4920 - L2 Version 3
Chandra X-Ray Center

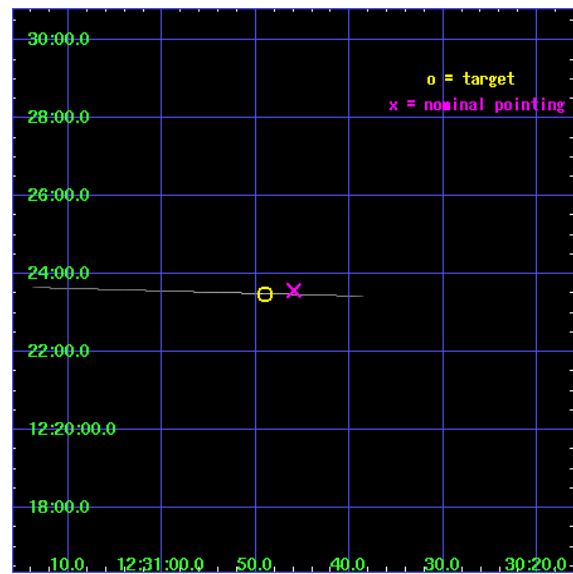
L2 Processing Date : Apr 11 2008

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1 Front

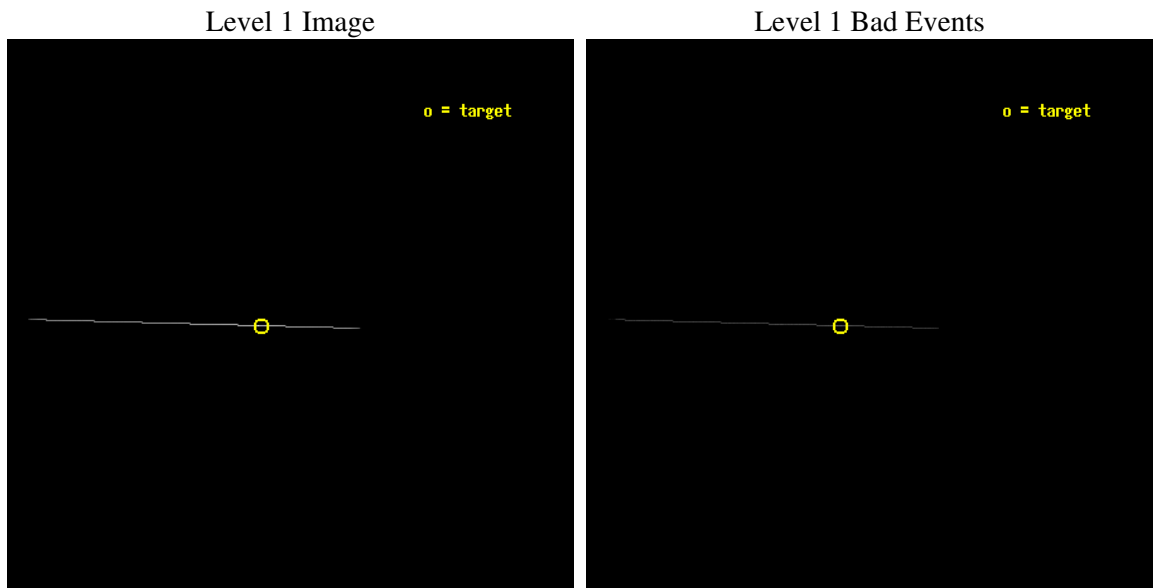
seq_num	701001
obs_id	4920
title	HST/Chandra Monitoring of a Dramatic Flare in the M87 Jet
observer	Dr. John Biretta
object	M87
ra_targ	187.704167
dec_targ	12.391667
ra_nom	187.69154549911
dec_nom	12.392969551232
roll_nom	181.4780192817
revision	3
ontime	5232.5
livetime	5212.060546875
ontime7	5232.5
l2events	212515



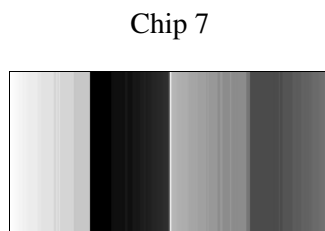
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.6
caldbver	3.4.4
date	2008-04-11T17:53:23
revision	3

sched_exp_time	5045.985000
ontime	5232.5
ontime7	5232.5
l1events	234986

2.1.4 Events

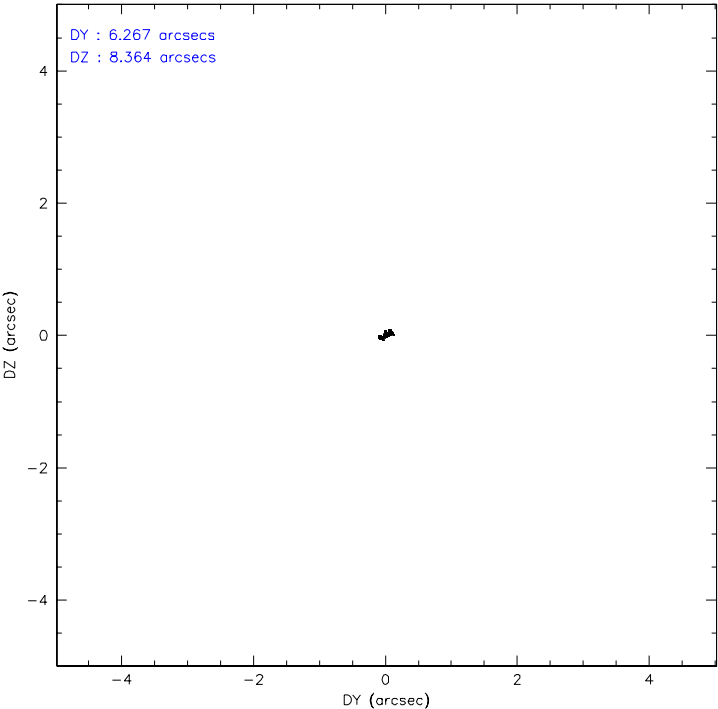
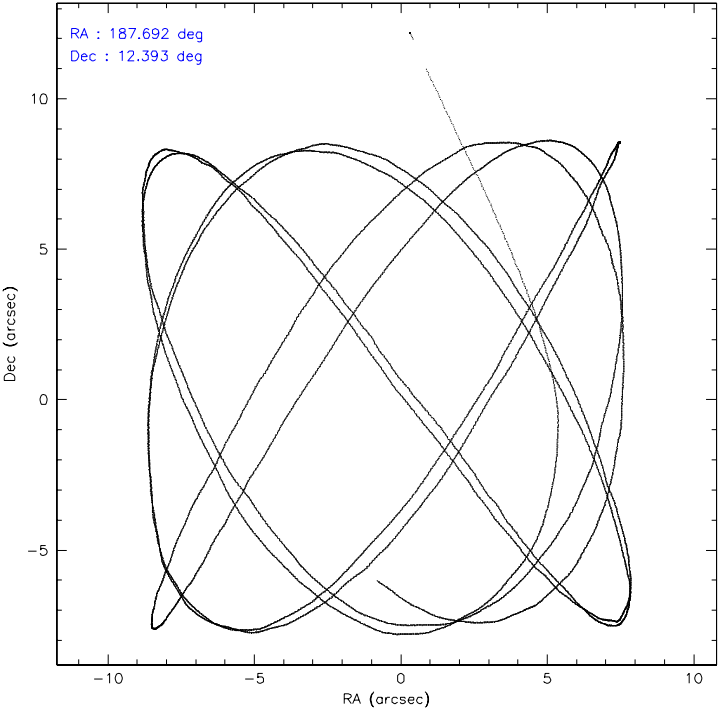
	ccd 7
level 1 events	234986
rejected events	17921
rejected %	7%

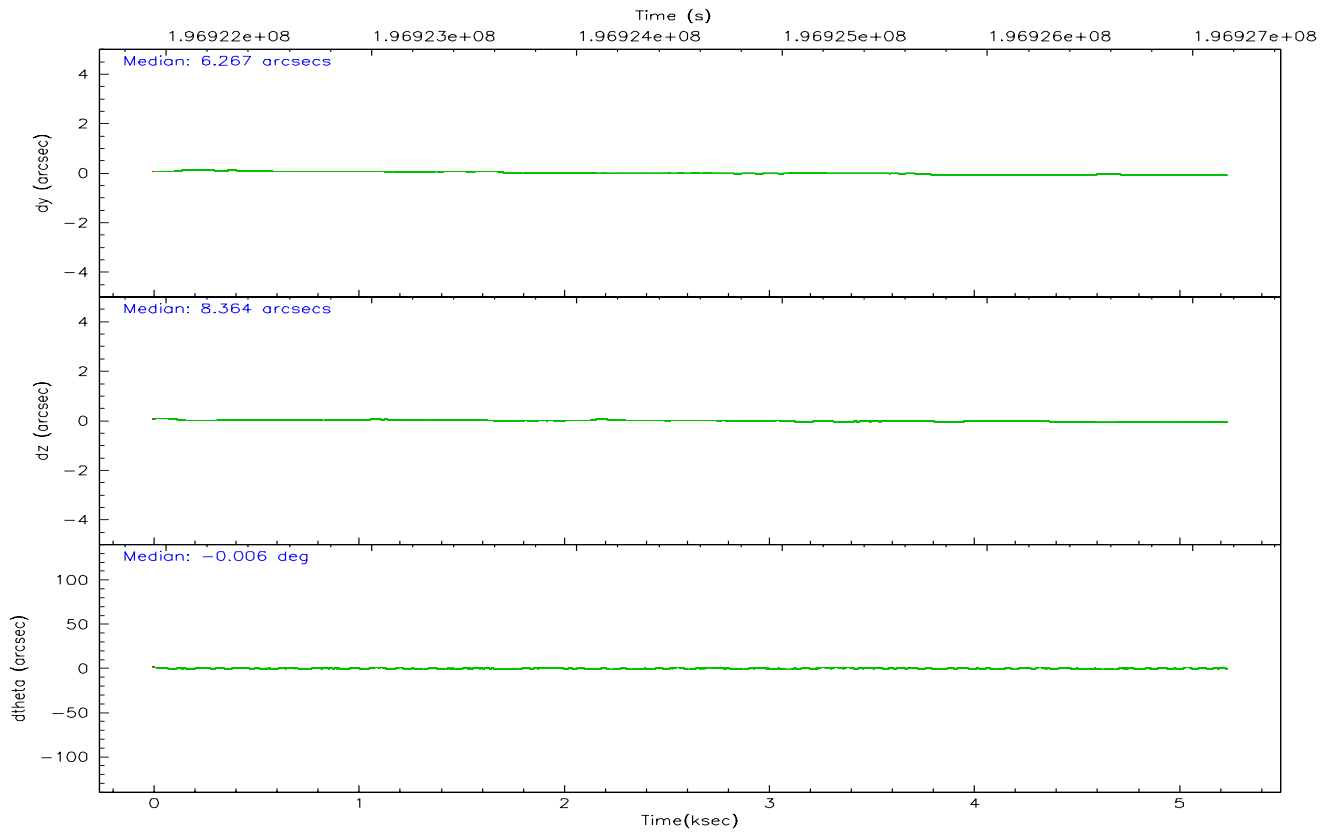
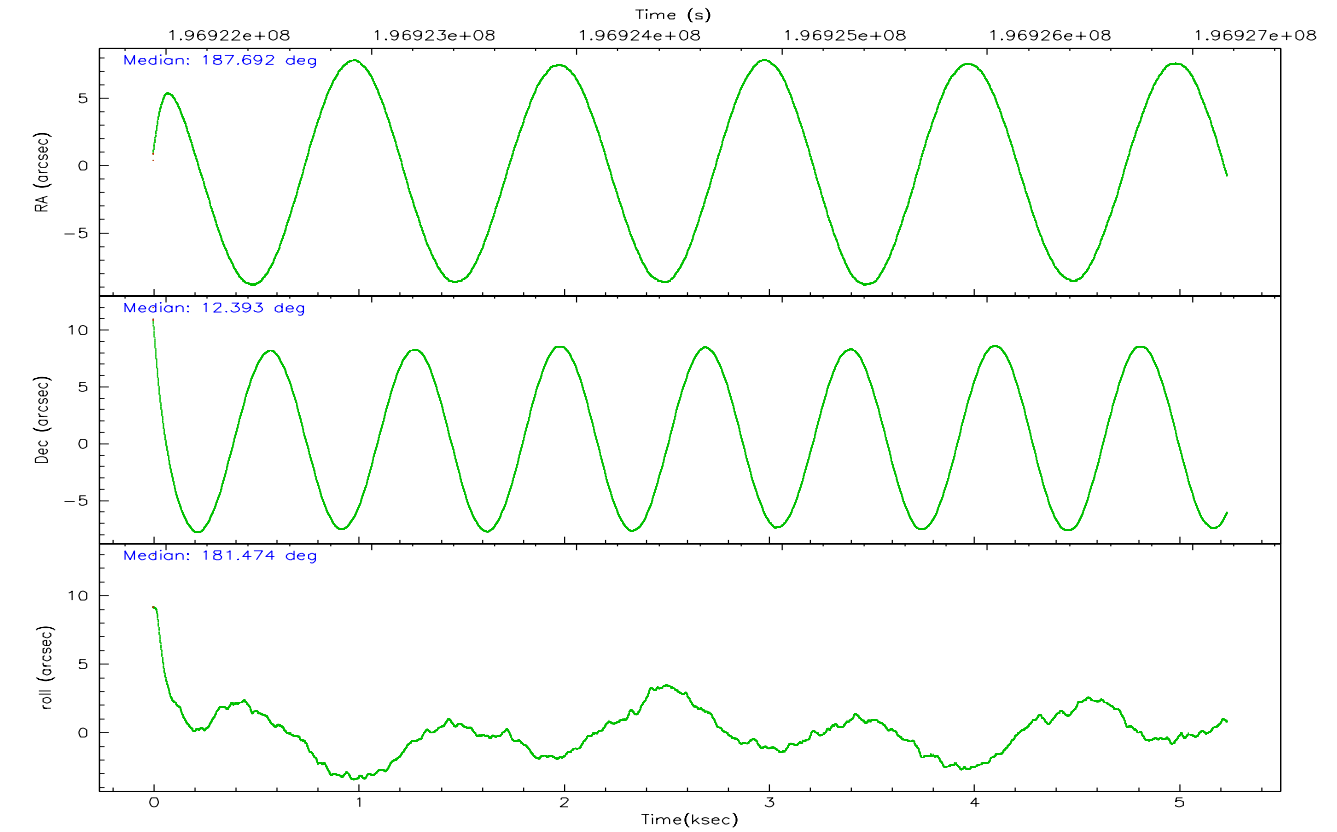
	ccd 7
grade 0 events	61327
	26%
grade 1 events	116
	0%
grade 2 events	59279
	25%
grade 3 events	22601
	9%
grade 4 events	22540
	9%
grade 5 events	5790
	2%
grade 6 events	63333
	26%
grade 7 events	0
	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	187.715053	187.691545499108	Alternating exposures requested	N	N
Pointing Dec	12.407578	12.39296955123169	Primary exposure time	0.000000	0
Pointing Roll	181.316315	181.4780192817023			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-182.132523	-182.1370004450064			
SIM translation stage offset (mm)	-8	-7.995522138001405			
Observation start time	196922122.184000	196921055.36867			
Observation start date	2004-03-29T04:34:18	2004-03-29T04:17:35			
Observation end time	196927168.184000	196927482.63145			
Observation end date	2004-03-29T05:58:24	2004-03-29T06:04:42			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



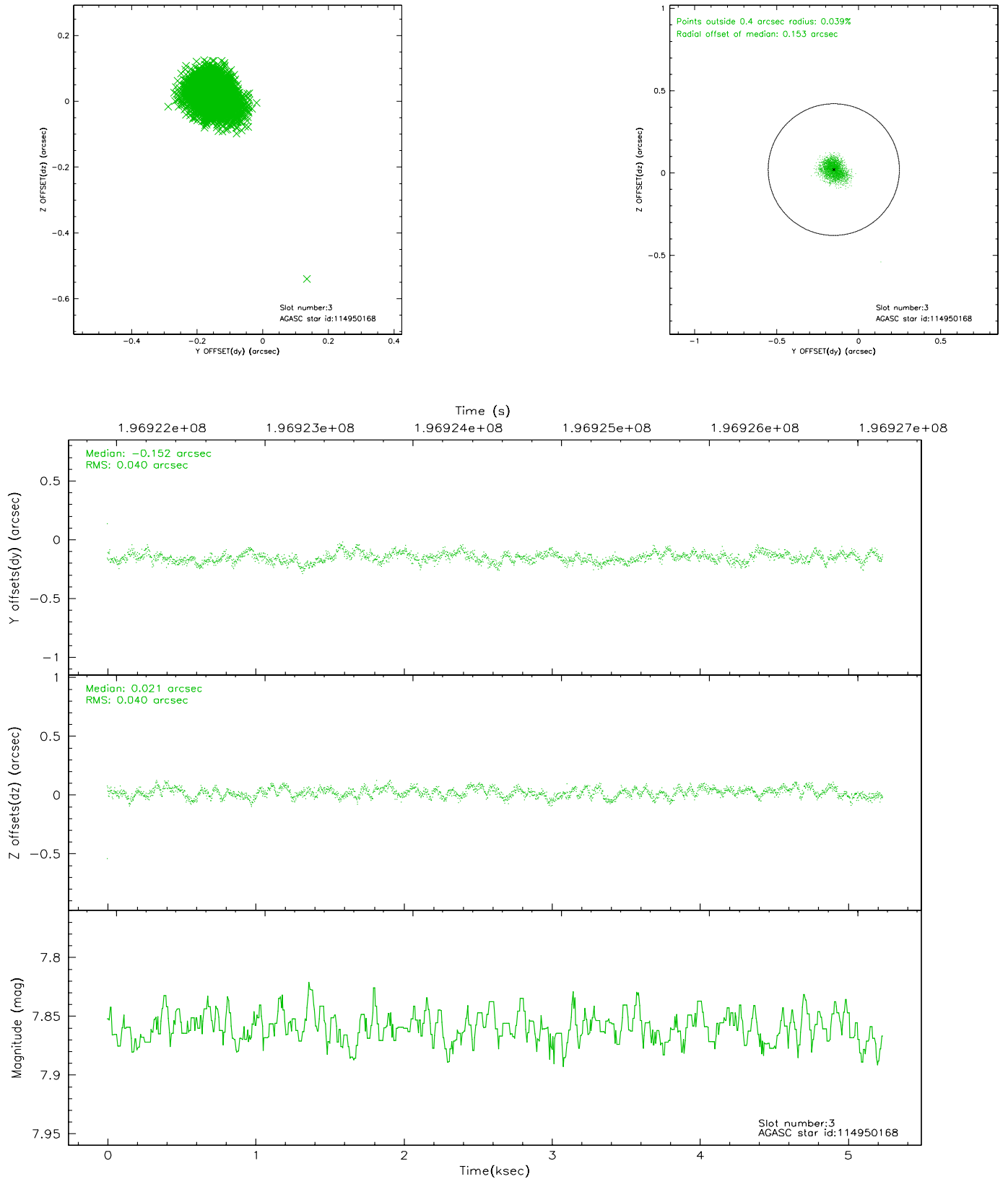


Slot Statistics

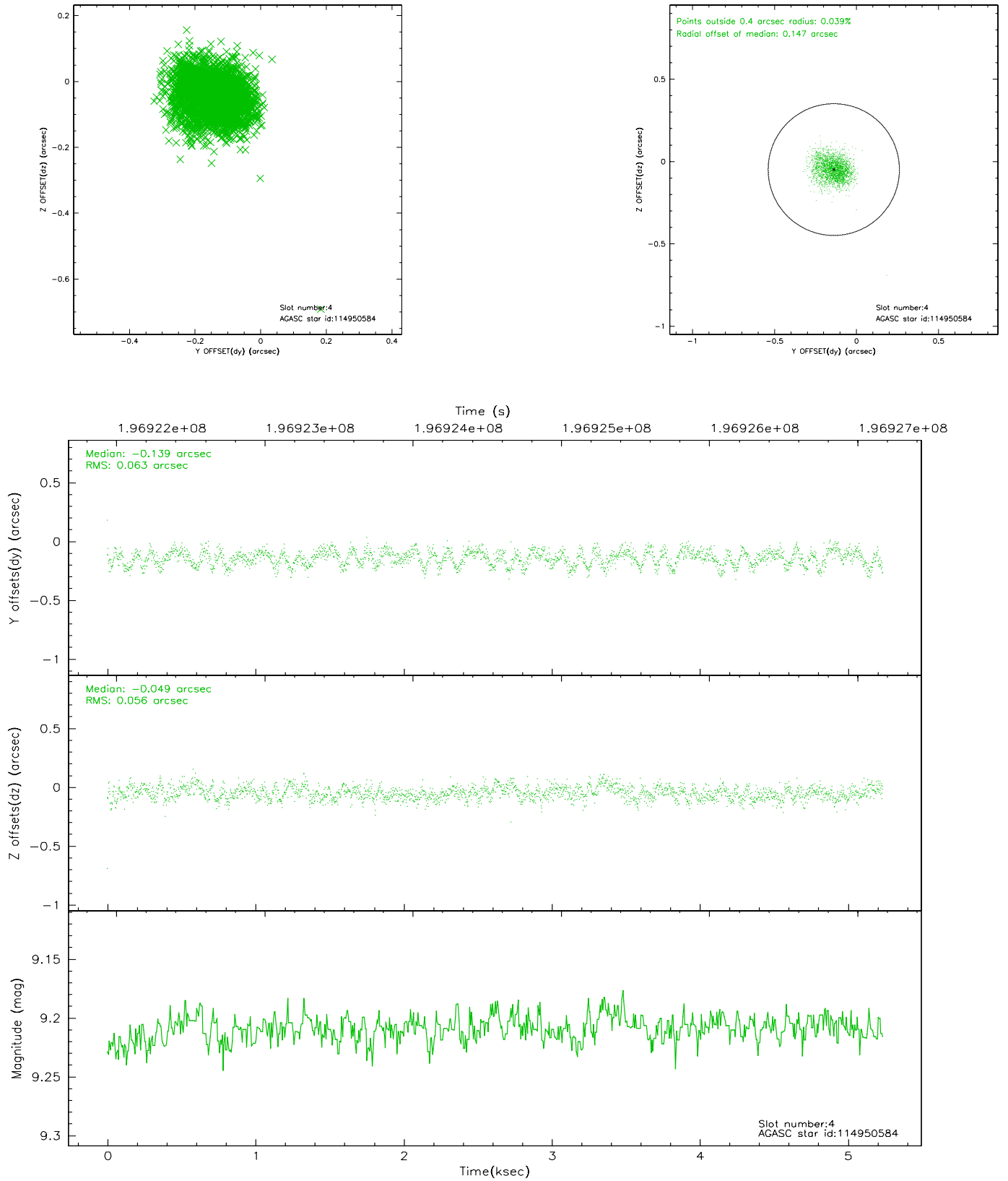
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1278	0.008	0.145	0.006	0.011	0.000000	0.000000	937.62	-1889.76
1	FID	ACIS-S-5	7.23	1278	-0.079	0.034	0.006	0.010	0.000000	0.000000	-1810.81	6.35
2	FID	ACIS-S-6	7.42	1278	0.049	-0.168	0.007	0.011	0.000000	0.000000	401.97	651.42
3	GUIDE	114950168	7.86	2555	-0.152	0.021	0.060	0.094	187.143398	12.117441	2035.63	995.84
4	GUIDE	114950584	9.21	2555	-0.139	-0.049	0.090	0.141	187.487323	11.827248	851.21	2070.01
5	GUIDE	114952792	9.52	2553	-0.009	-0.071	0.090	0.142	187.070263	12.344747	2273.14	172.09
6	GUIDE	114955056	8.33	2555	0.163	0.026	0.054	0.087	187.914001	12.127854	-675.57	1022.31
7	GUIDE	114955568	7.52	2555	0.133	0.074	0.048	0.077	187.061916	11.826551	2348.98	2035.93

2.4 Star Slots

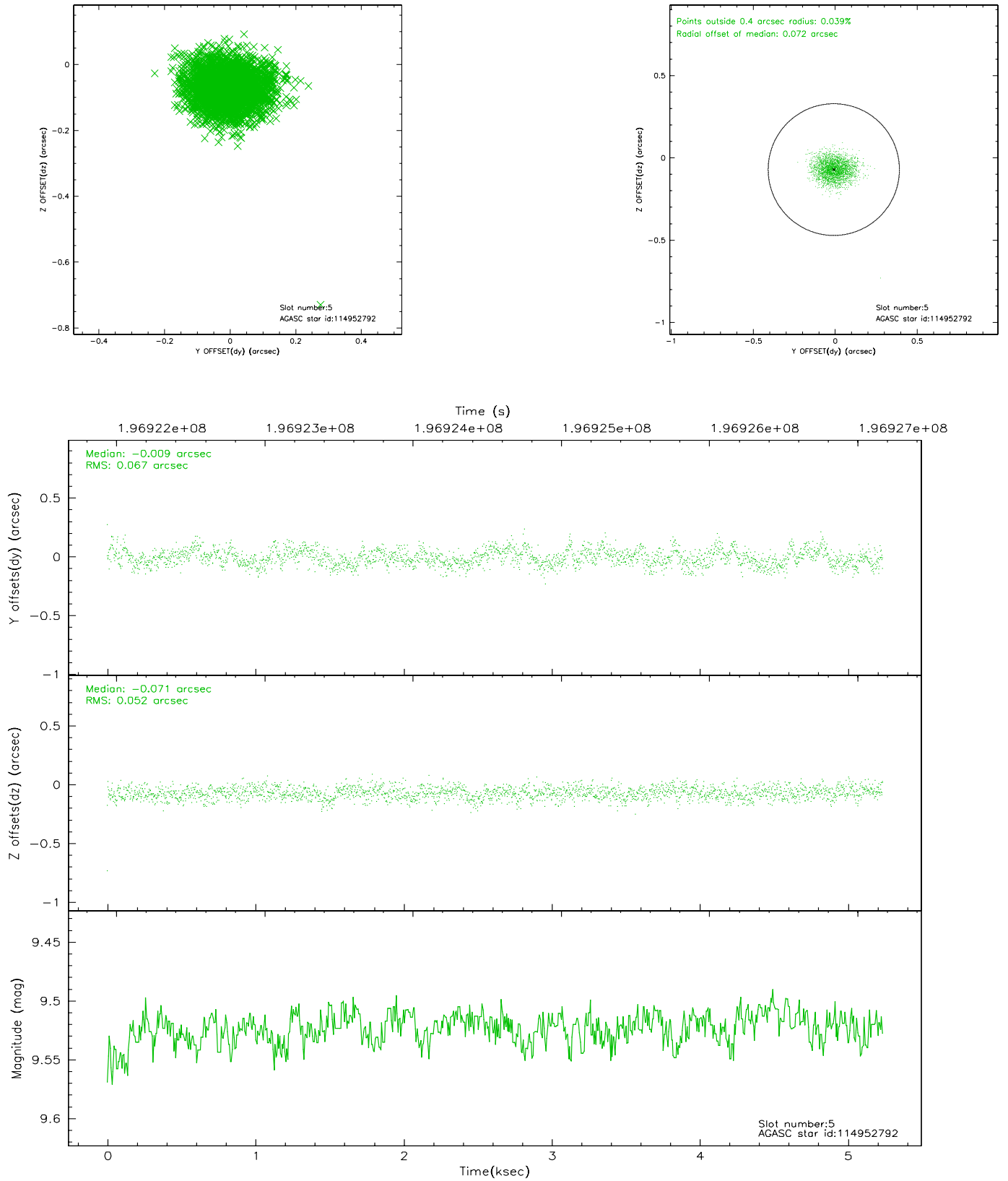
2.4.1 Slot 3



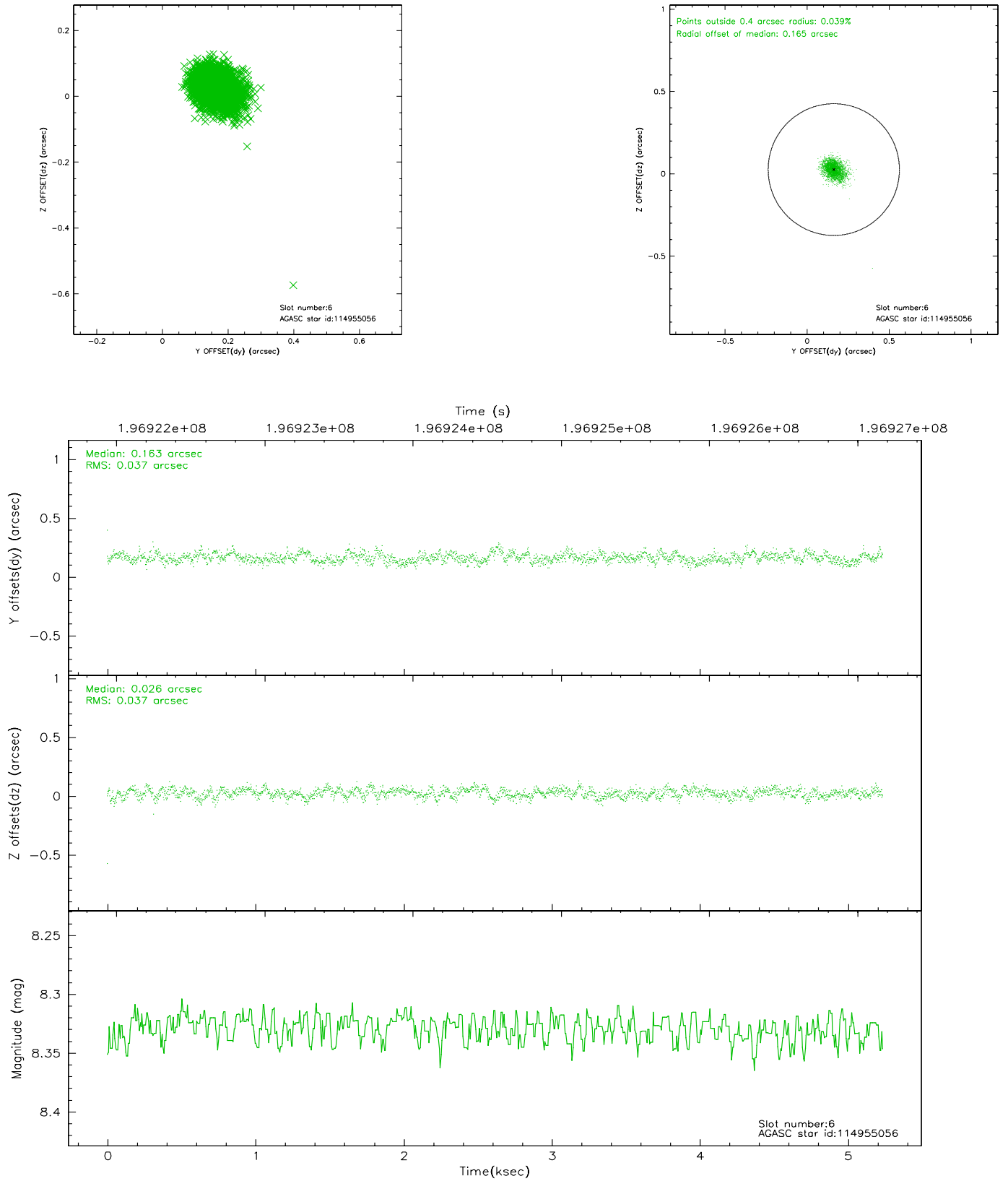
2.4.2 Slot 4



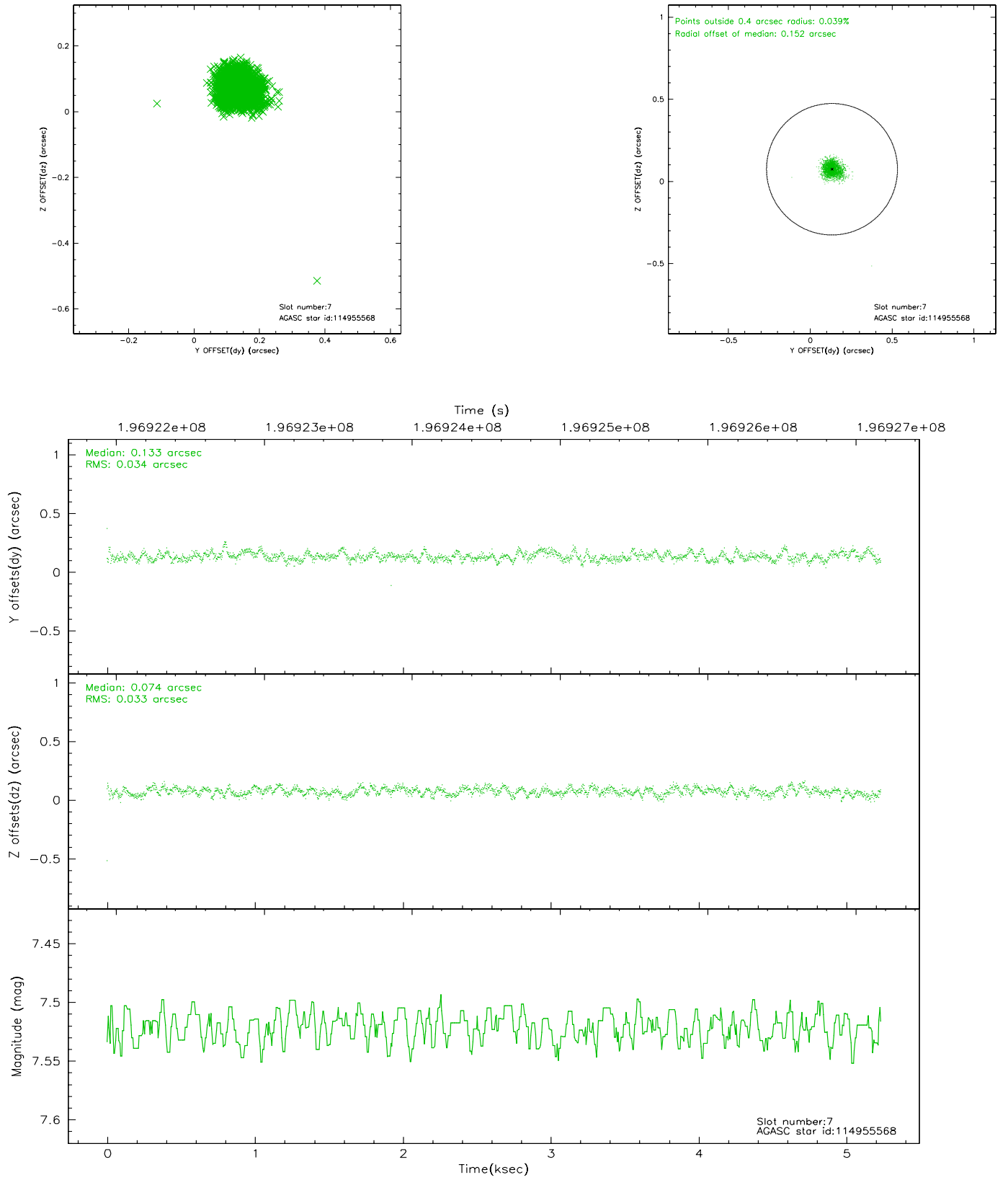
2.4.3 Slot 5



2.4.4 Slot 6

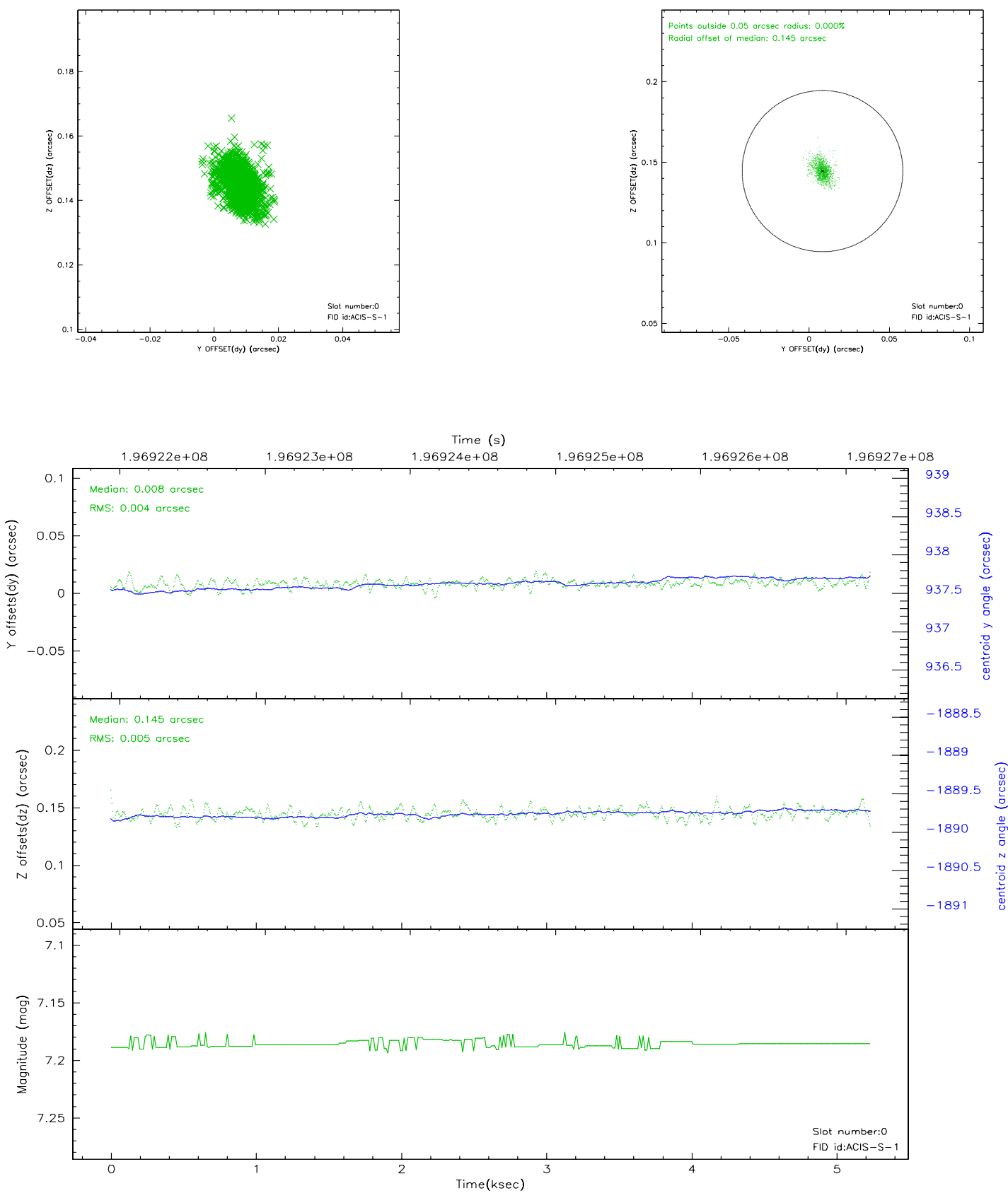


2.4.5 Slot 7

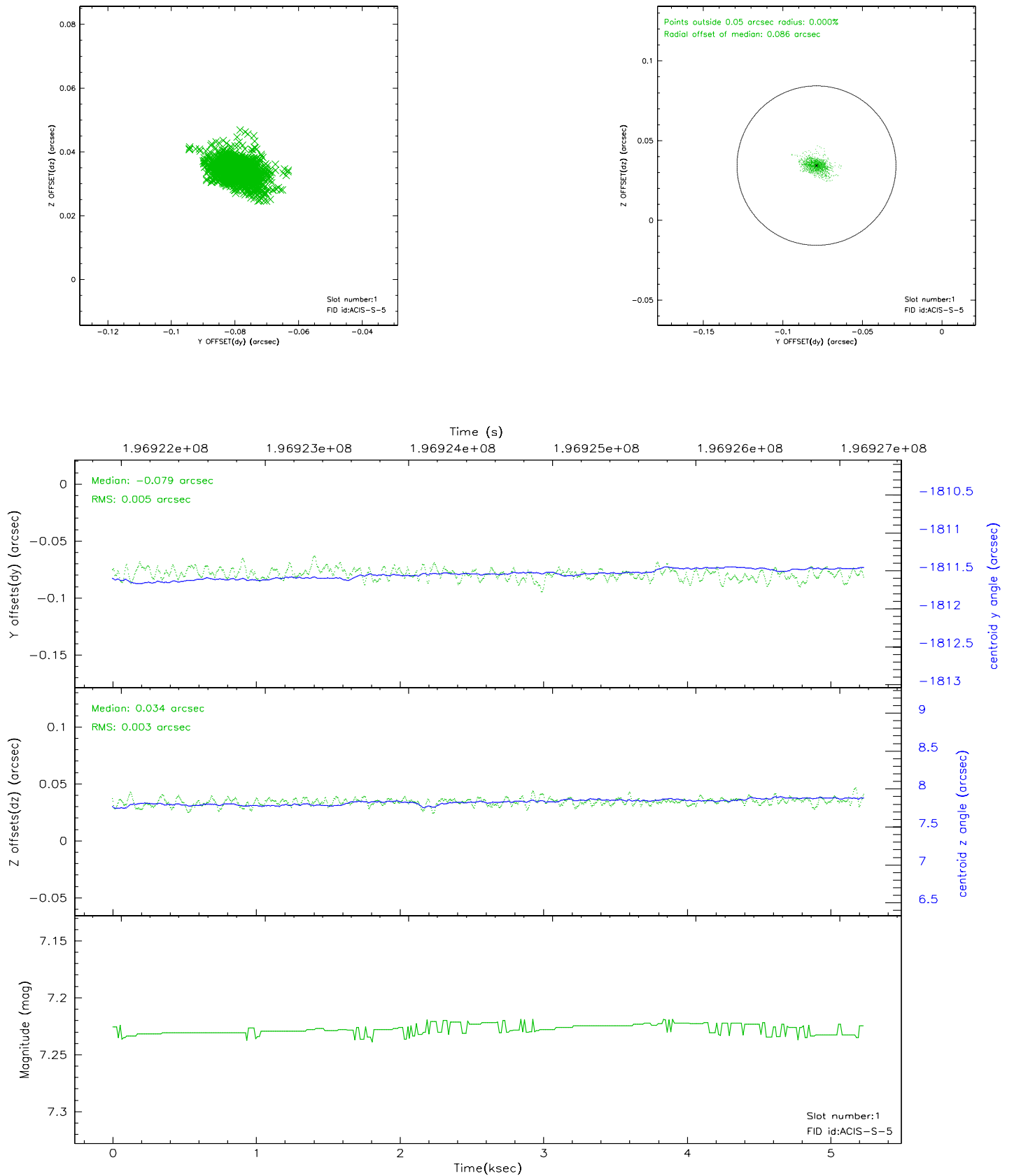


2.5 FID Slots

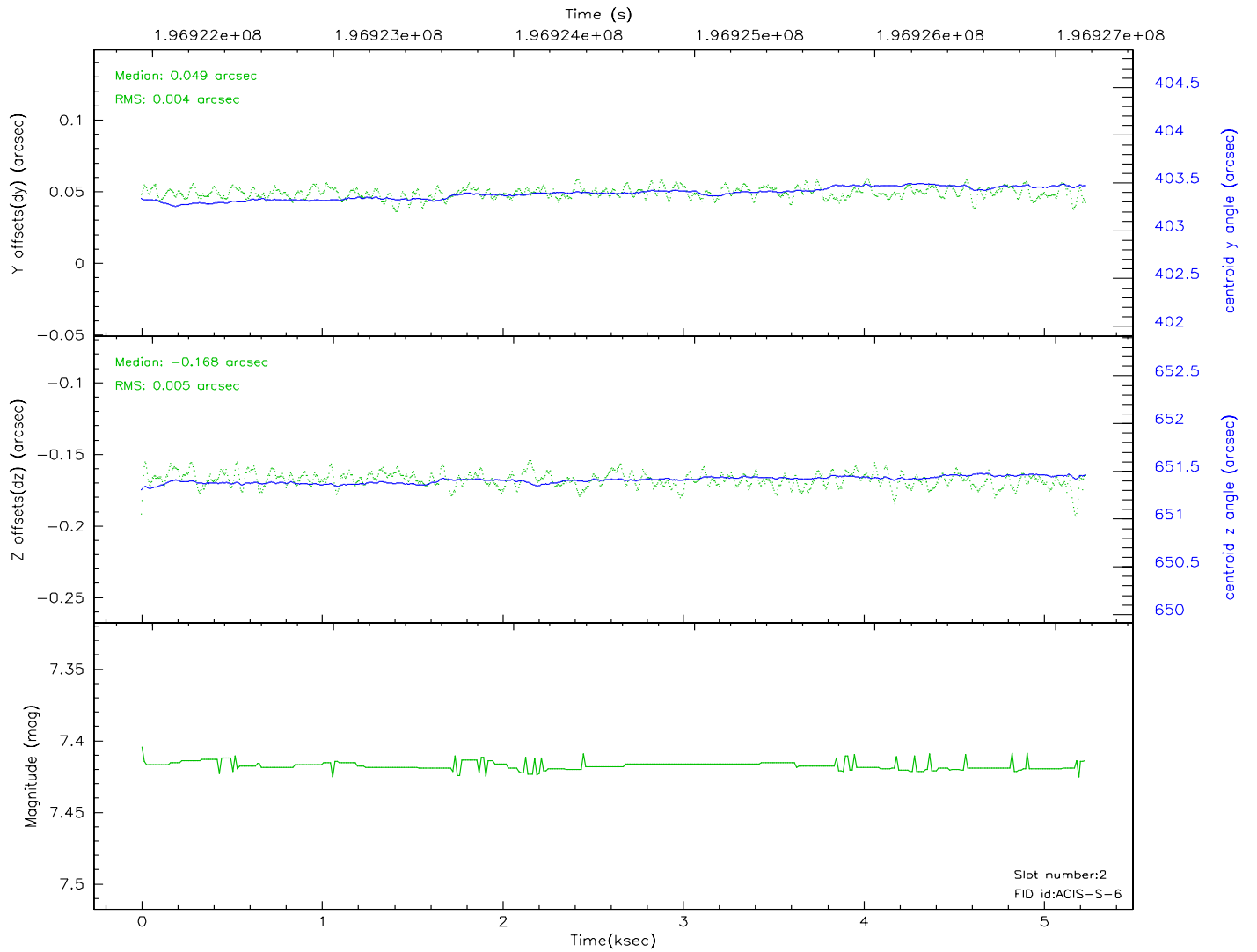
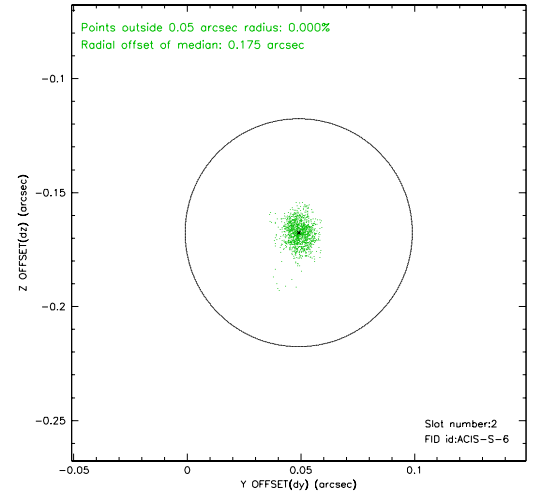
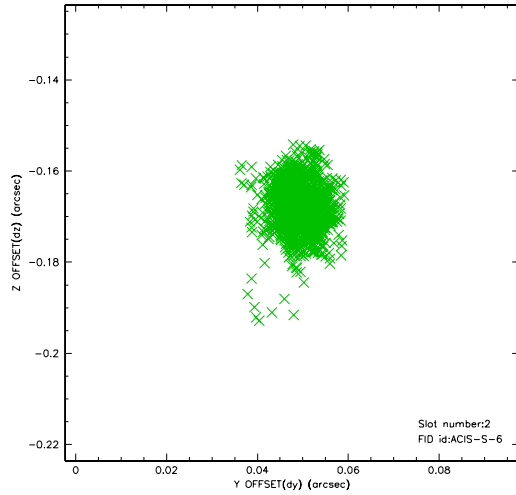
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2008.04.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.235

A.2 Comments