

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5738 - L2 Version 002
Chandra X-Ray Center

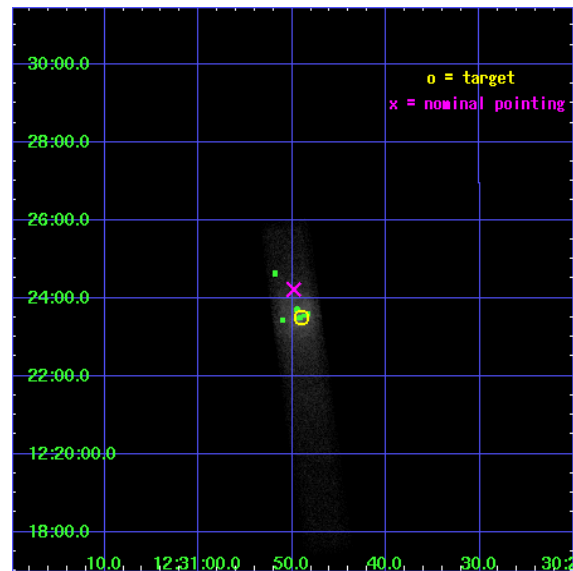
L2 Processing Date: Feb 18 2006

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1 Front

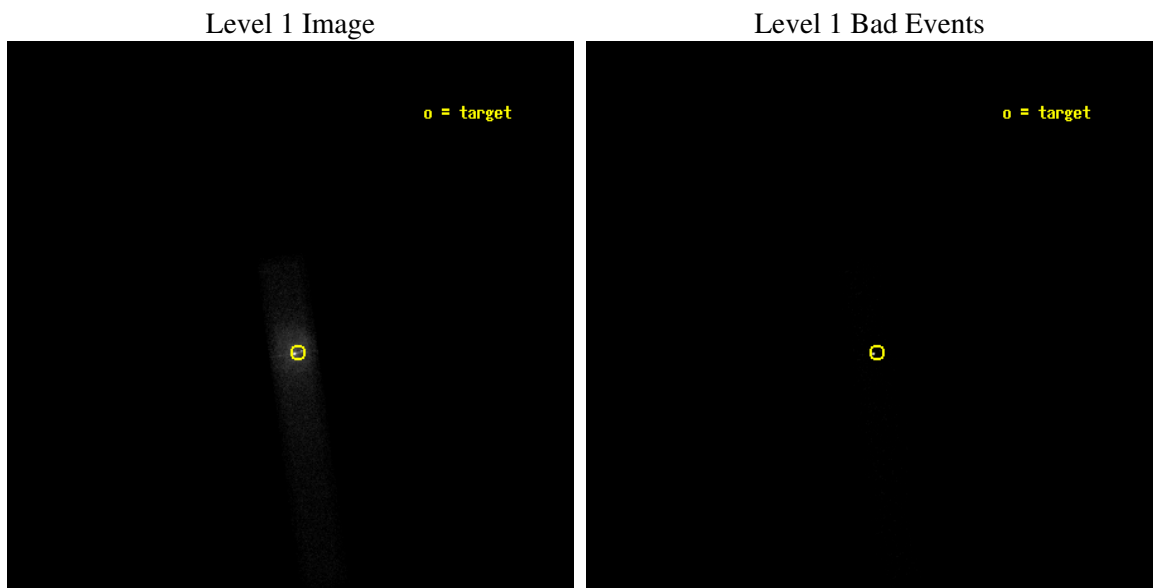
seq_num	701160
obs_id	5738
title	The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)
observer	Dr. John Biretta
object	M87
dtcycle	0
cycle	P
ra_targ	187.704167
dec_targ	12.391667
ra_nom	187.70763744135
dec_nom	12.40362722914
roll_nom	82.155921868499
revision	2
ontime	5144.8000766635
livetime	4666.0621047193
ontime7	5144.8000766635
l2events	60021



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-18T08:21:21
revision	2

sched_exp_time	5000.000000
ontime	6347.8328965902
ontime7	6347.8328965902
l1events	75809

2.1.4 Events

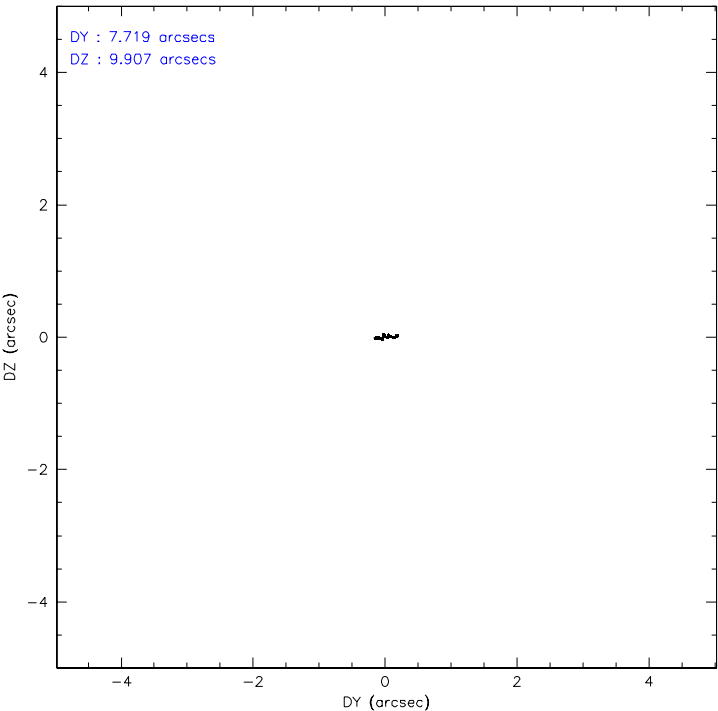
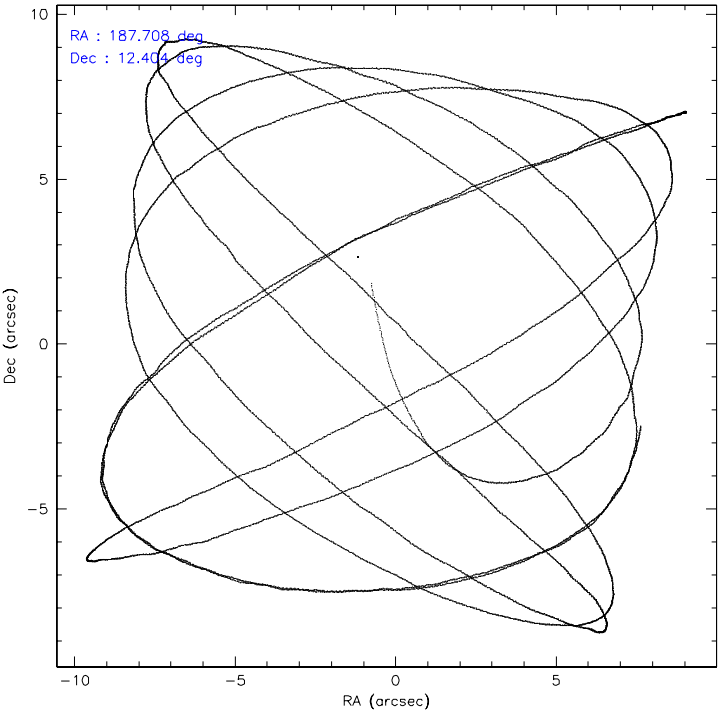
	ccd 7
level 1 events	75809
rejected events	15064
rejected %	19%

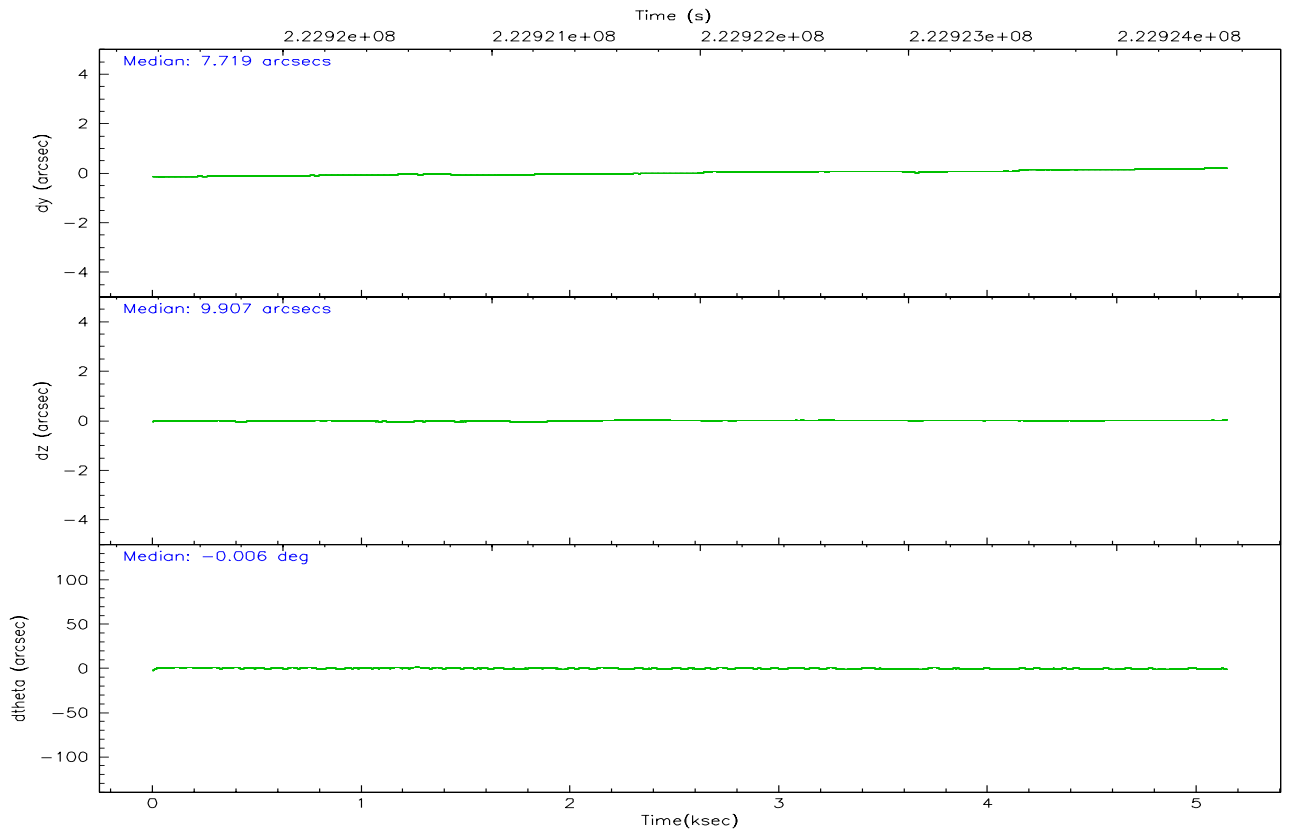
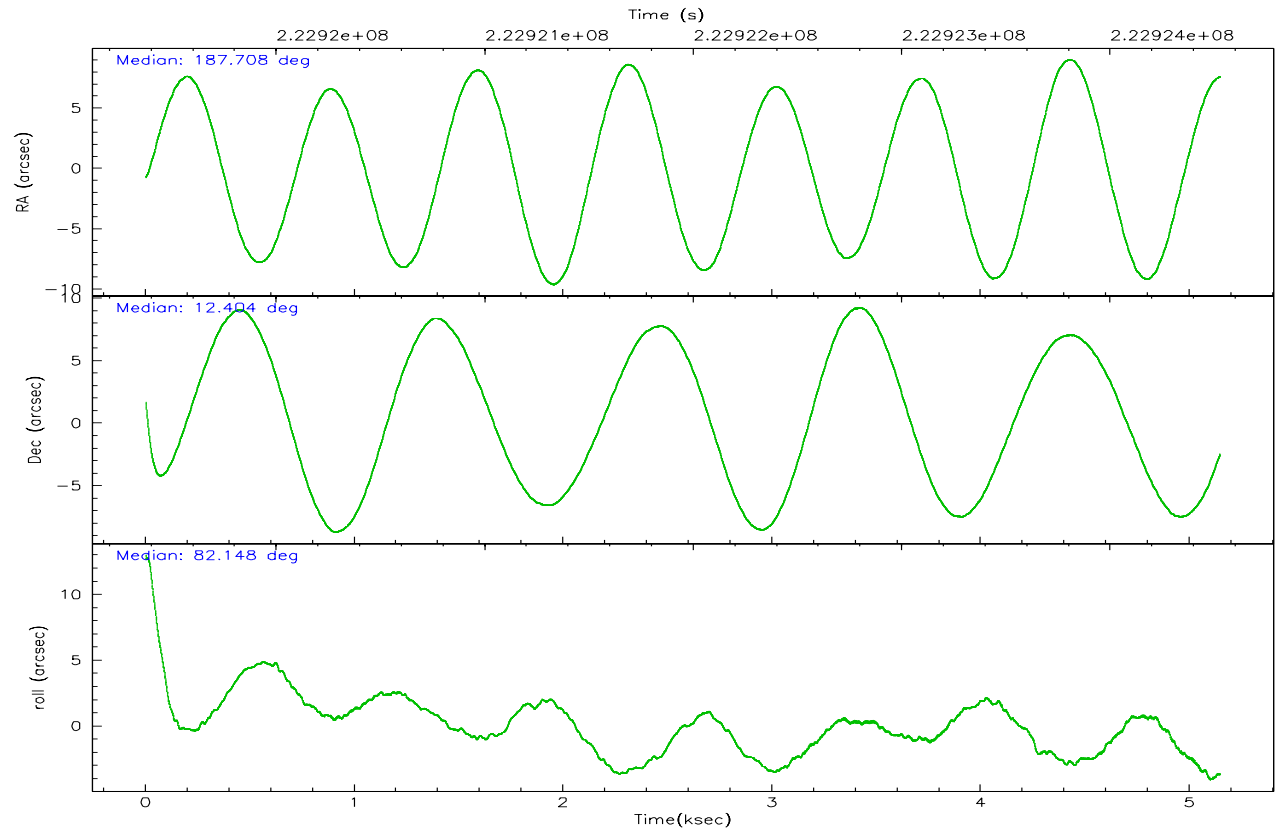
	ccd 7
grade 0 events	17862
	23%
grade 1 events	382
	0%
grade 2 events	16575
	21%
grade 3 events	7054
	9%
grade 4 events	6765
	8%
grade 5 events	2718
	3%
grade 6 events	15187
	20%
grade 7 events	9266
	12%

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	1/8	1/8
Pointing RA	187.718484	187.7076374413469	Subarray start row	0	449
Pointing Dec	12.378596	12.40362722913957	Subarray row count	1024	128
Pointing Roll	81.996927	82.15592186849932	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
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	222919525.184000	222918178.67687			
Observation start date	2005-01-24T02:04:21	2005-01-24T01:42:58			
Observation end time	222924525.184000	222925086.66469			
Observation end date	2005-01-24T03:27:41	2005-01-24T03:38:06			
Read mode	TIMED	TIMED			

2.3 Aspect



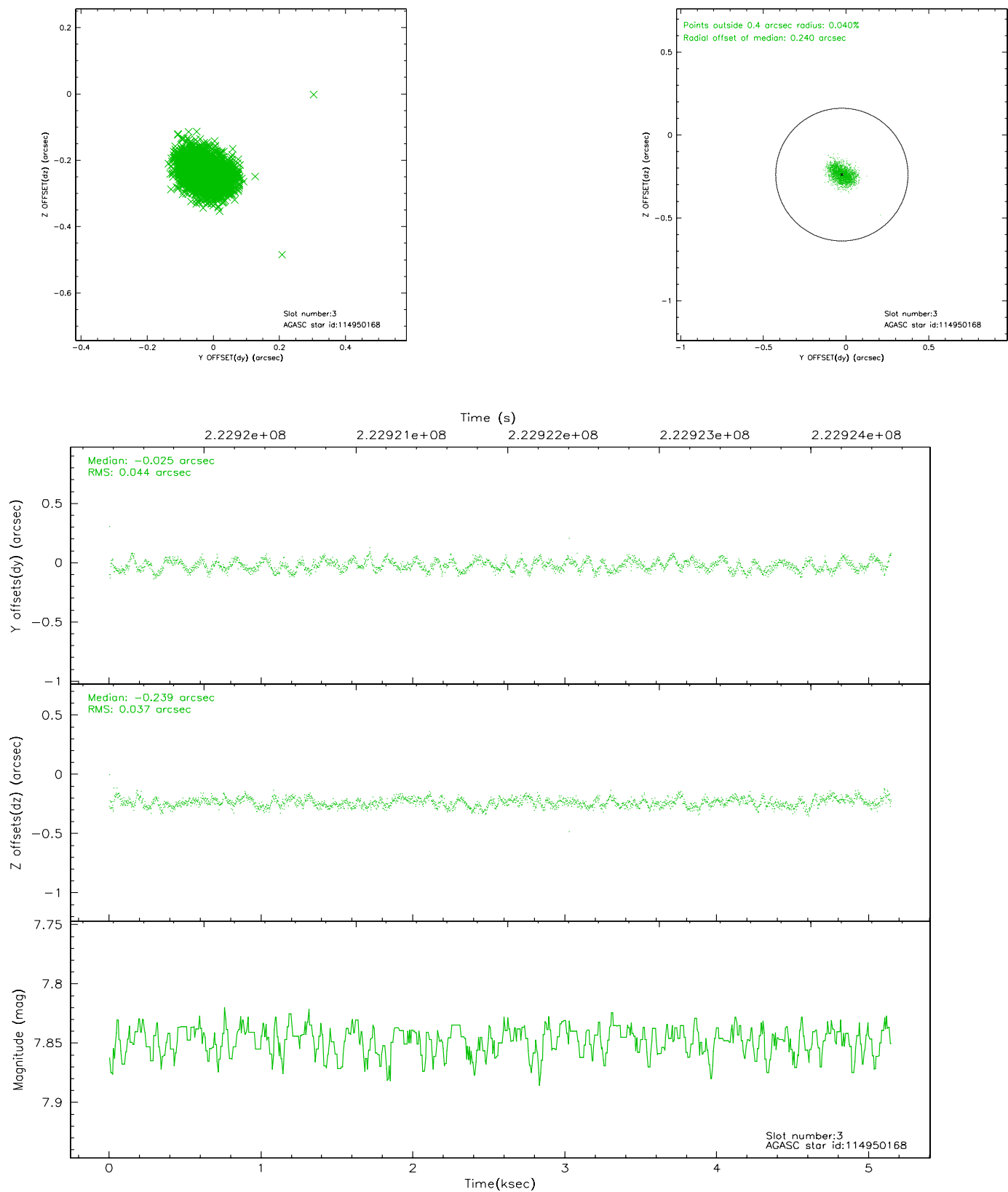


Slot Statistics

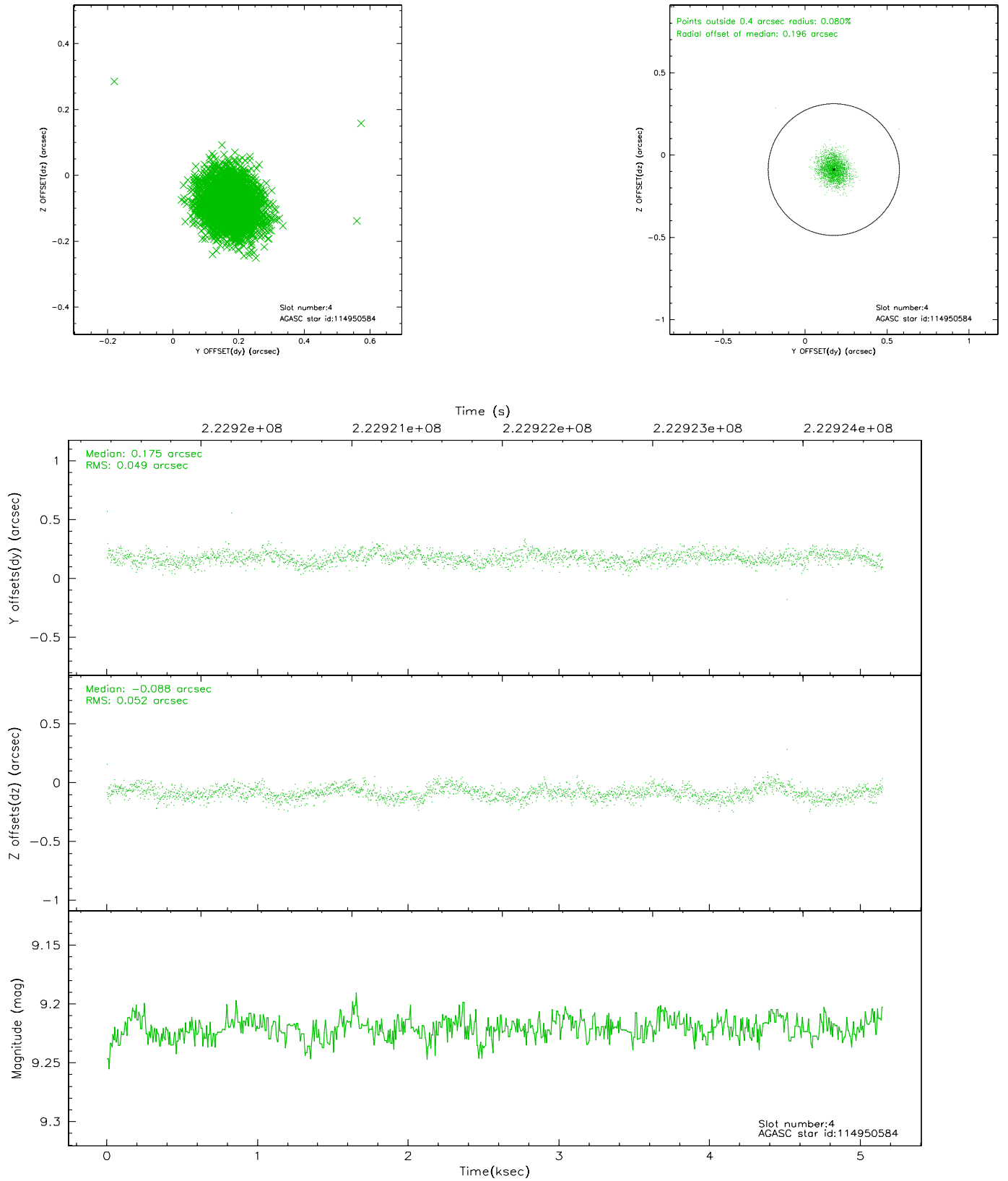
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1255	-0.031	-0.008	0.007	0.010	0.000000	0.000000	-760.48	-1731.18
1	FID	ACIS-S-4	7.21	1255	0.068	0.017	0.006	0.011	0.000000	0.000000	2152.31	176.19
2	FID	ACIS-S-5	7.23	1255	-0.069	-0.000	0.008	0.013	0.000000	0.000000	-1811.90	171.08
3	GUIDE	114950168	7.85	2510	-0.025	-0.239	0.062	0.094	187.143398	12.117441	-1210.94	1873.96
4	GUIDE	114950584	9.22	2506	0.175	-0.088	0.075	0.121	187.487323	11.827248	-2078.88	531.35
5	GUIDE	114952824	8.56	2510	-0.131	-0.115	0.070	0.112	187.703904	12.486727	377.46	105.77
6	GUIDE	114955056	8.35	2511	0.021	0.348	0.064	0.105	187.914001	12.127854	-797.41	-806.26
7	GUIDE	114955568	7.52	2510	-0.041	0.095	0.063	0.104	187.061916	11.826551	-2287.88	2014.78

2.4 Star Slots

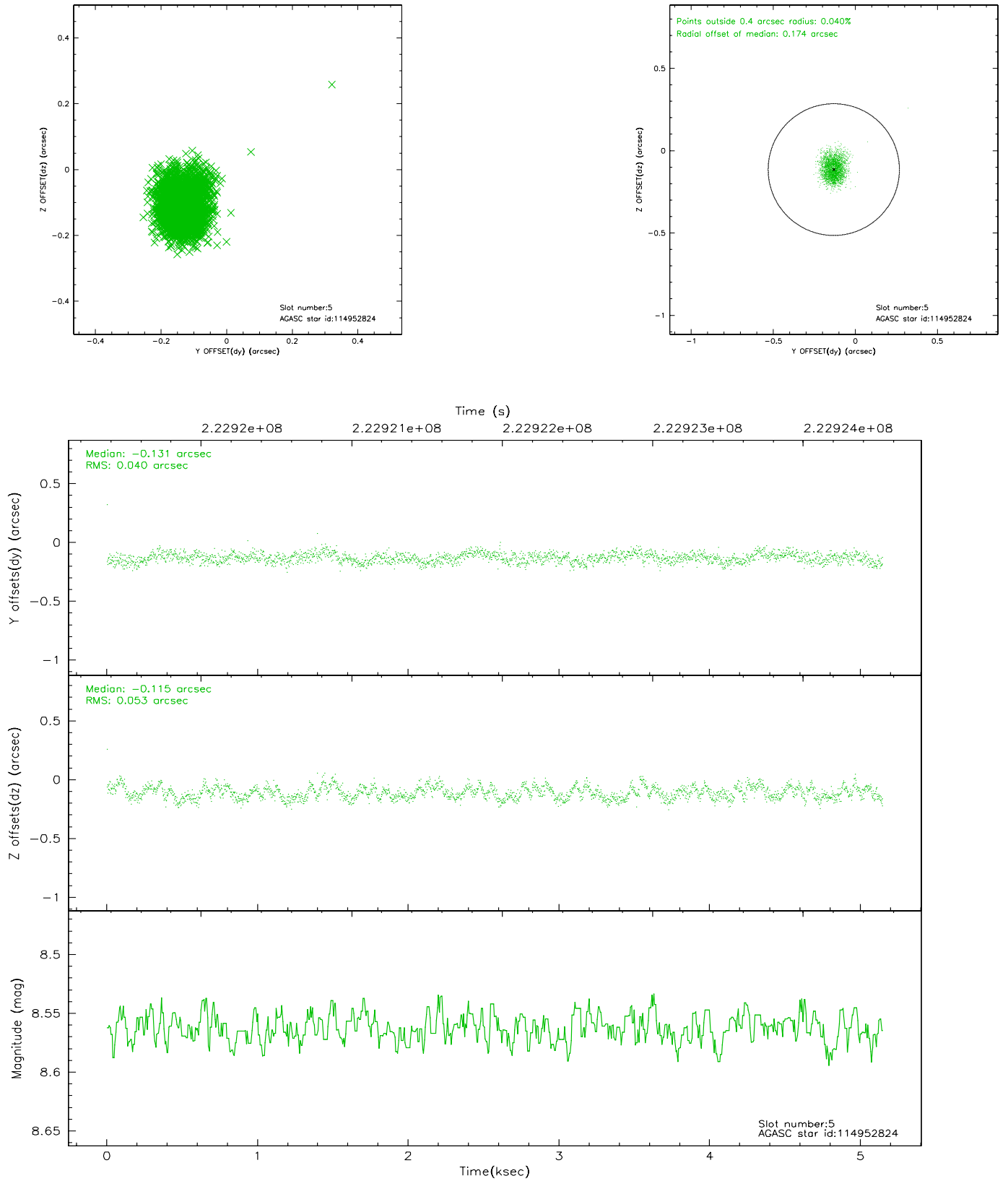
2.4.1 Slot 3



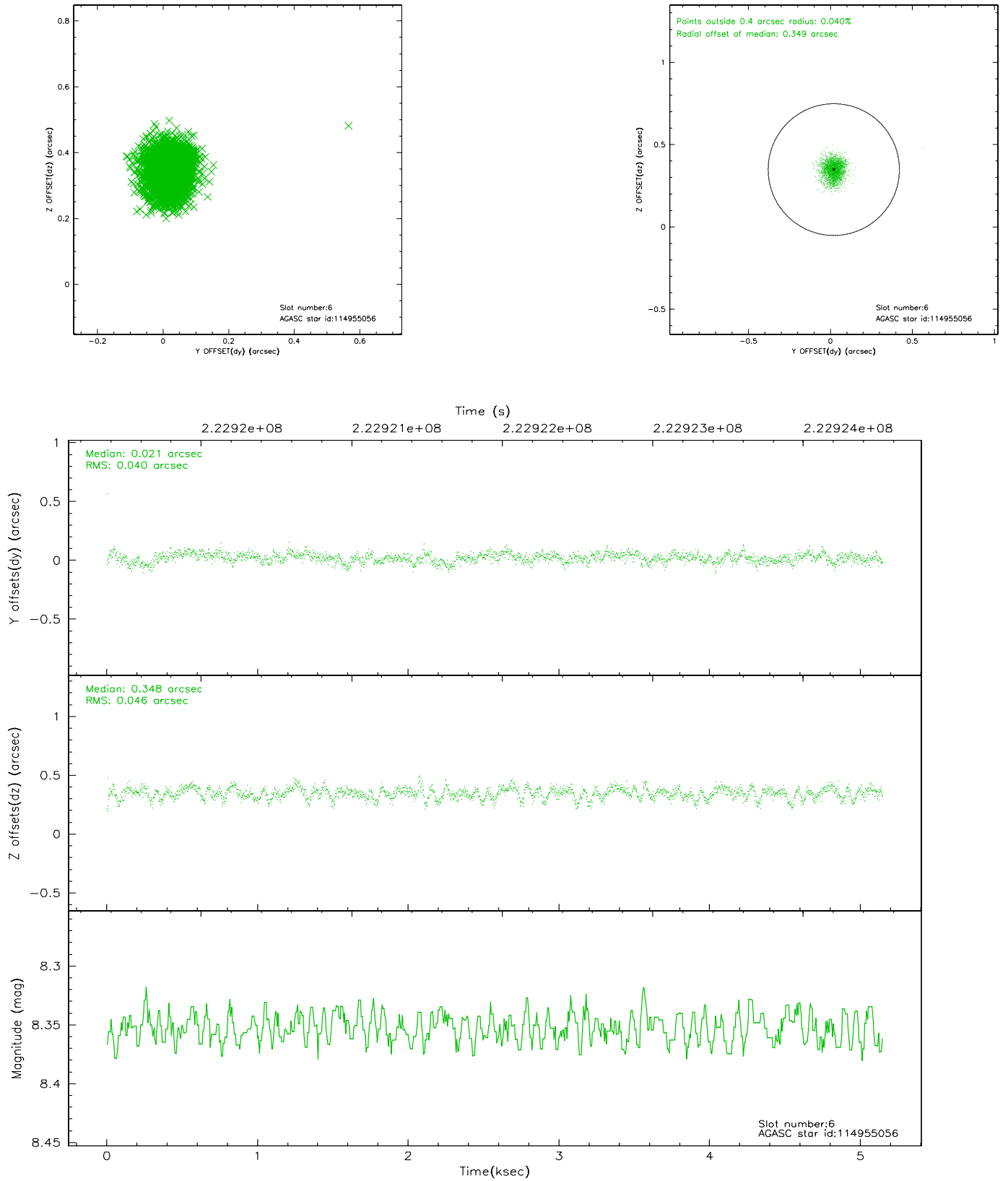
2.4.2 Slot 4



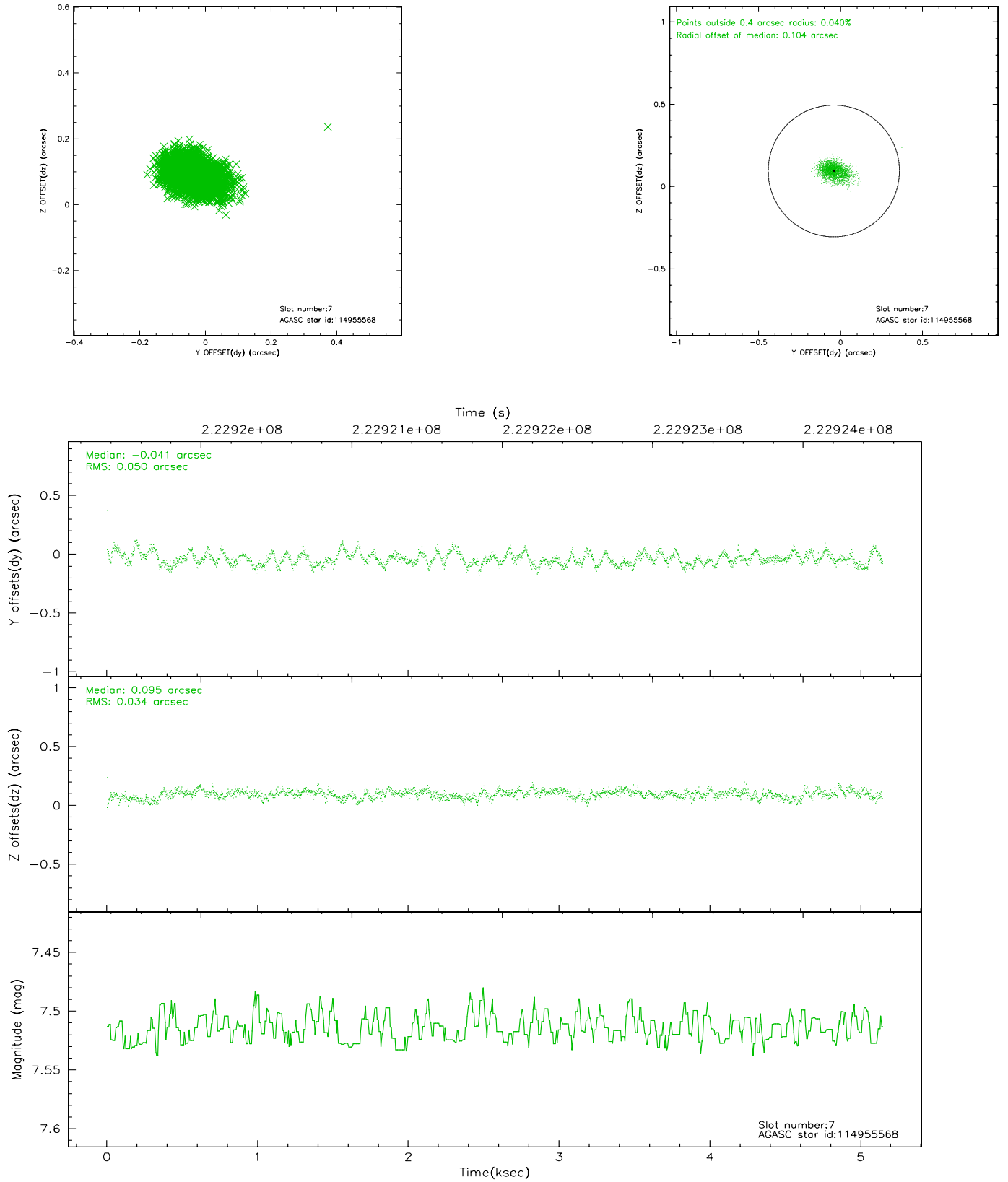
2.4.3 Slot 5



2.4.4 Slot 6

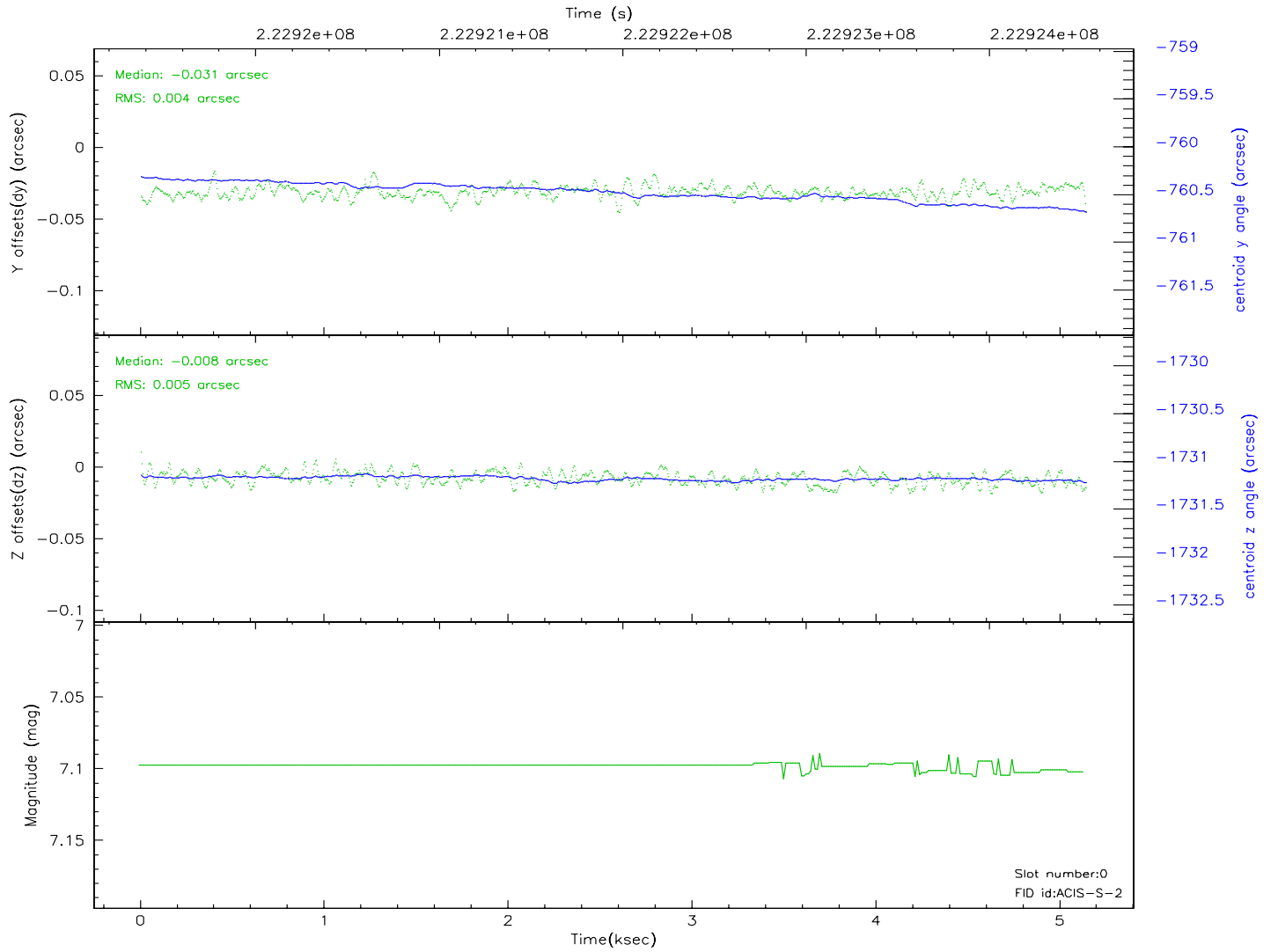
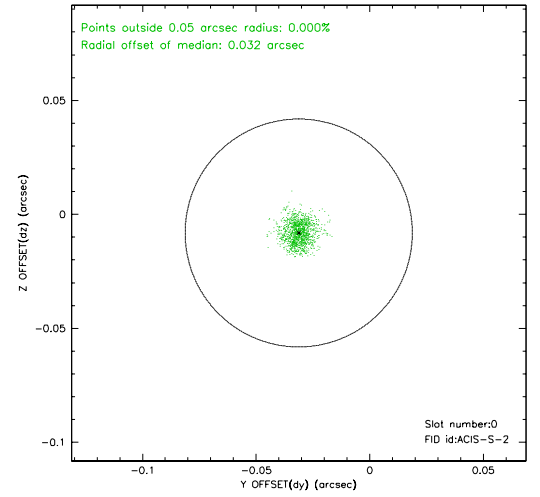
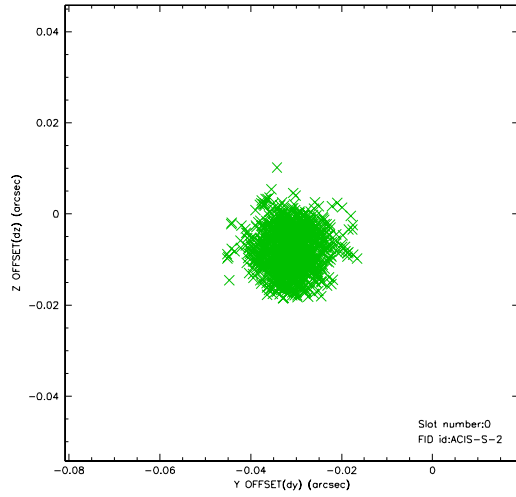


2.4.5 Slot 7

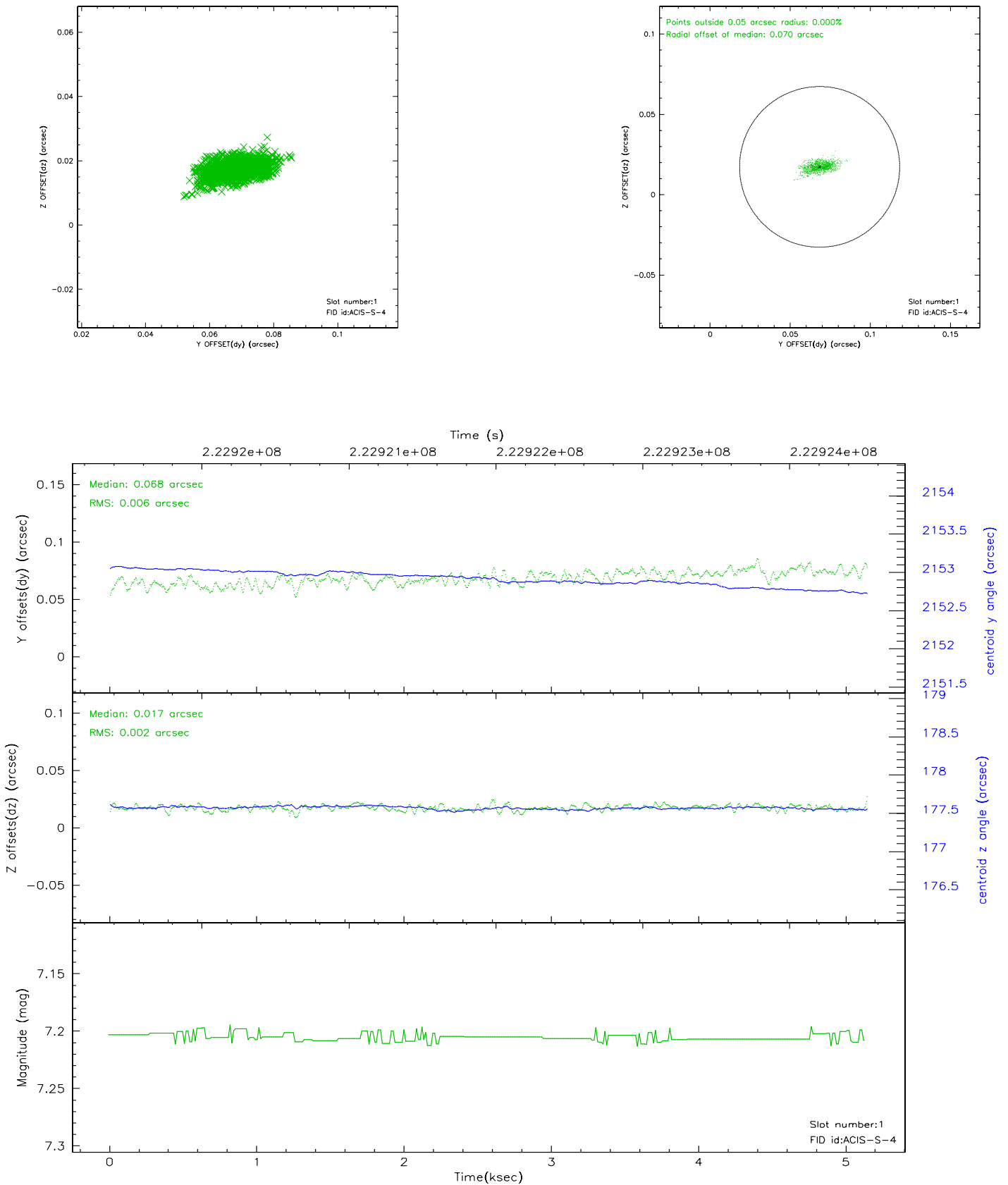


2.5 FID Slots

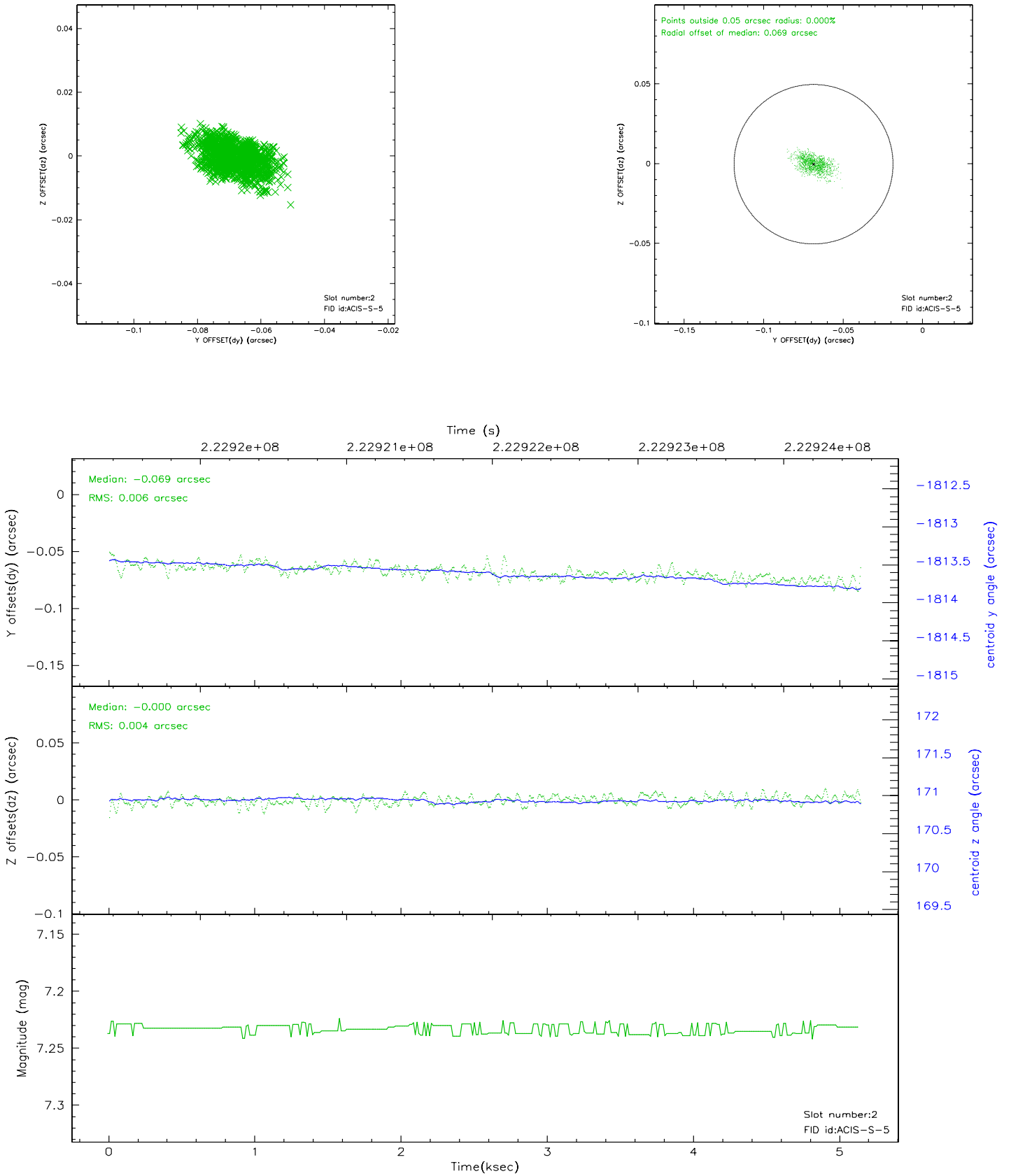
2.5.1 Slot 0



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)	2006.02.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1448

A.2 Comments