

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4922 - L2 Version 001
Chandra X-Ray Center

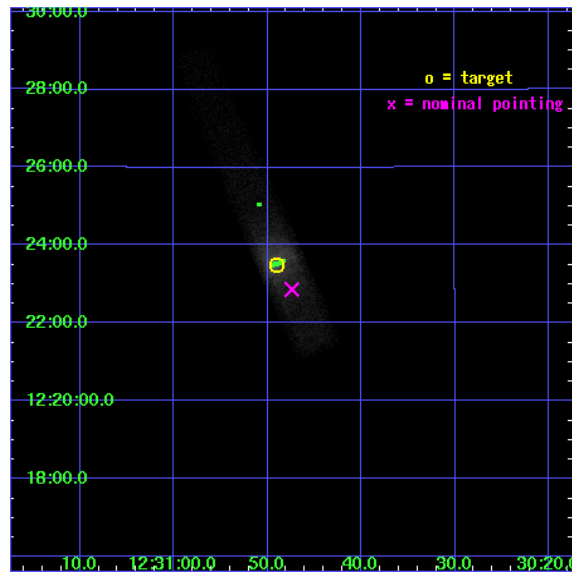
L2 Processing Date : May 23 2006

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1 Front

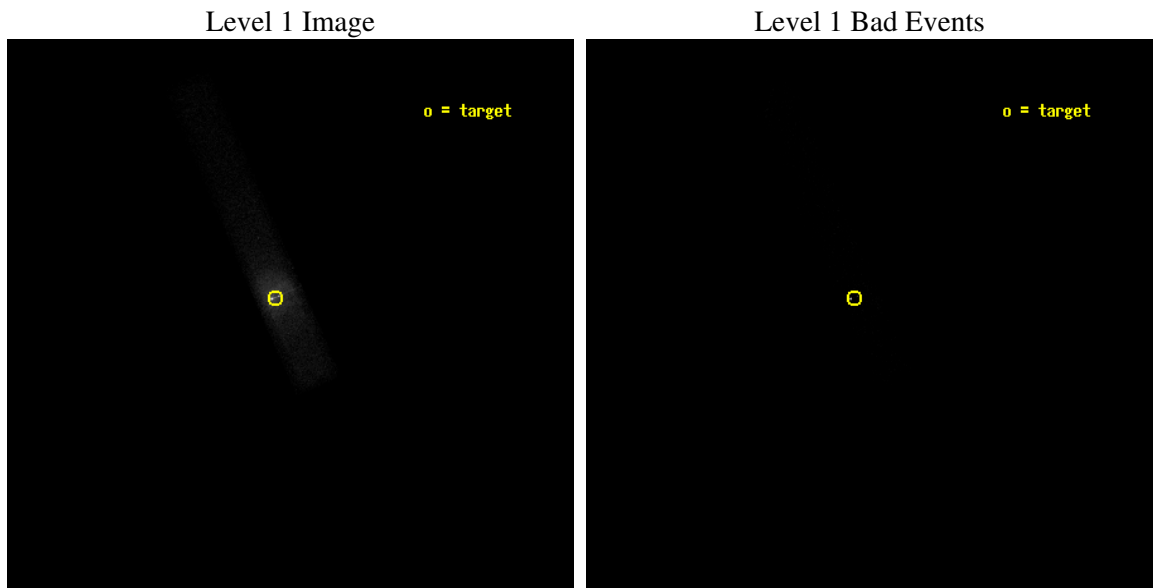
seq_num	701003
obs_id	4922
title	HST/Chandra Monitoring of a Dramatic Flare in the M87 Jet
observer	Dr. John Biretta
object	M87
dtcycle	0
cycle	P
ra_targ	187.704167
dec_targ	12.391667
ra_nom	187.6975427158
dec_nom	12.381065937515
roll_nom	246.30037678797
revision	2
ontime	5009.6000746489
livetime	4543.4428393333
ontime7	5009.6000746489
l2events	57500



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-23T17:30:53
revision	2

sched_exp_time	5000.000000
ontime	5010.1541618705
ontime7	5010.1541618705
l1events	66529

2.1.4 Events

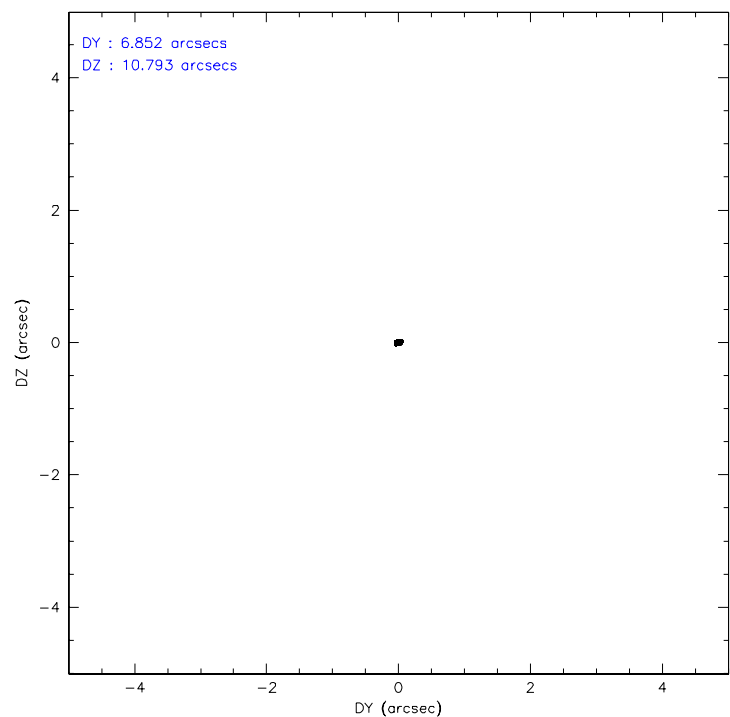
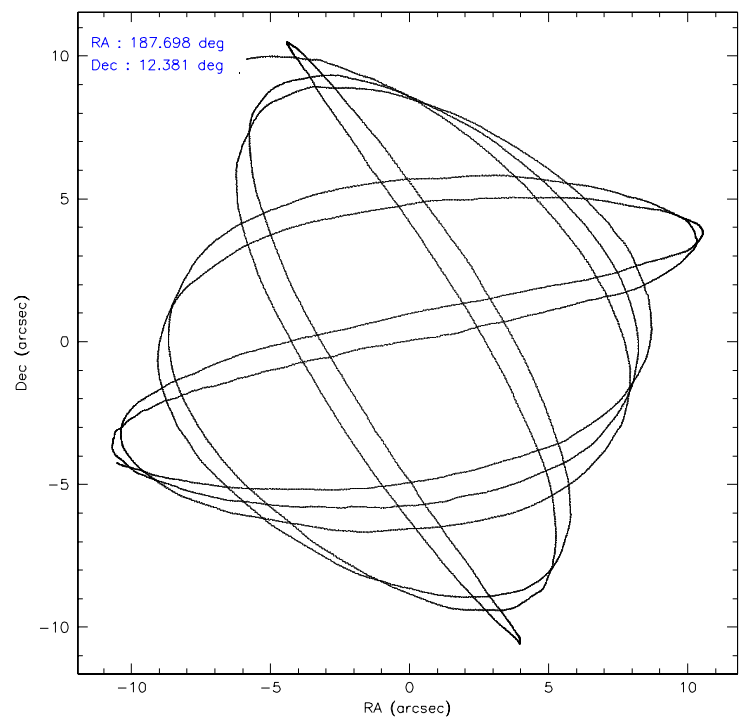
	ccd 7
level 1 events	66529
rejected events	8497
rejected %	12%

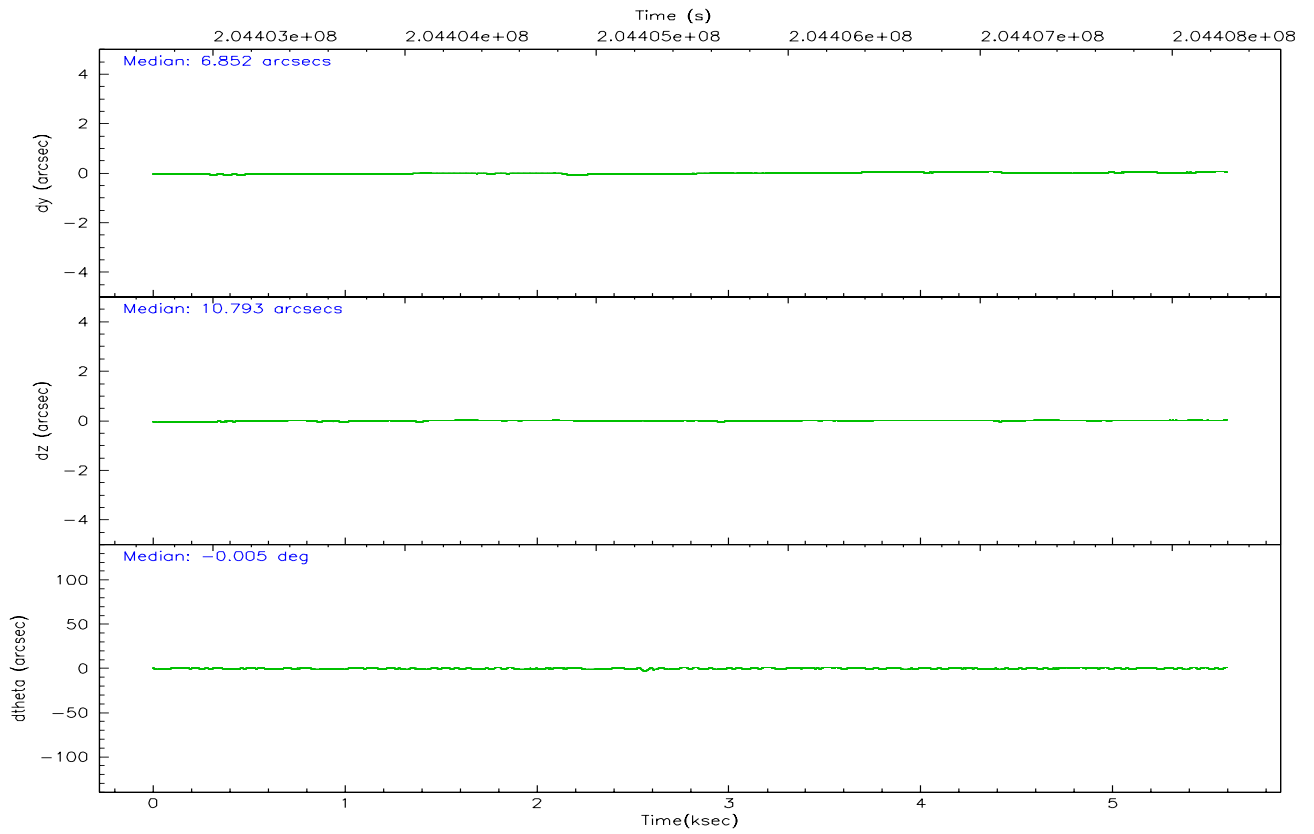
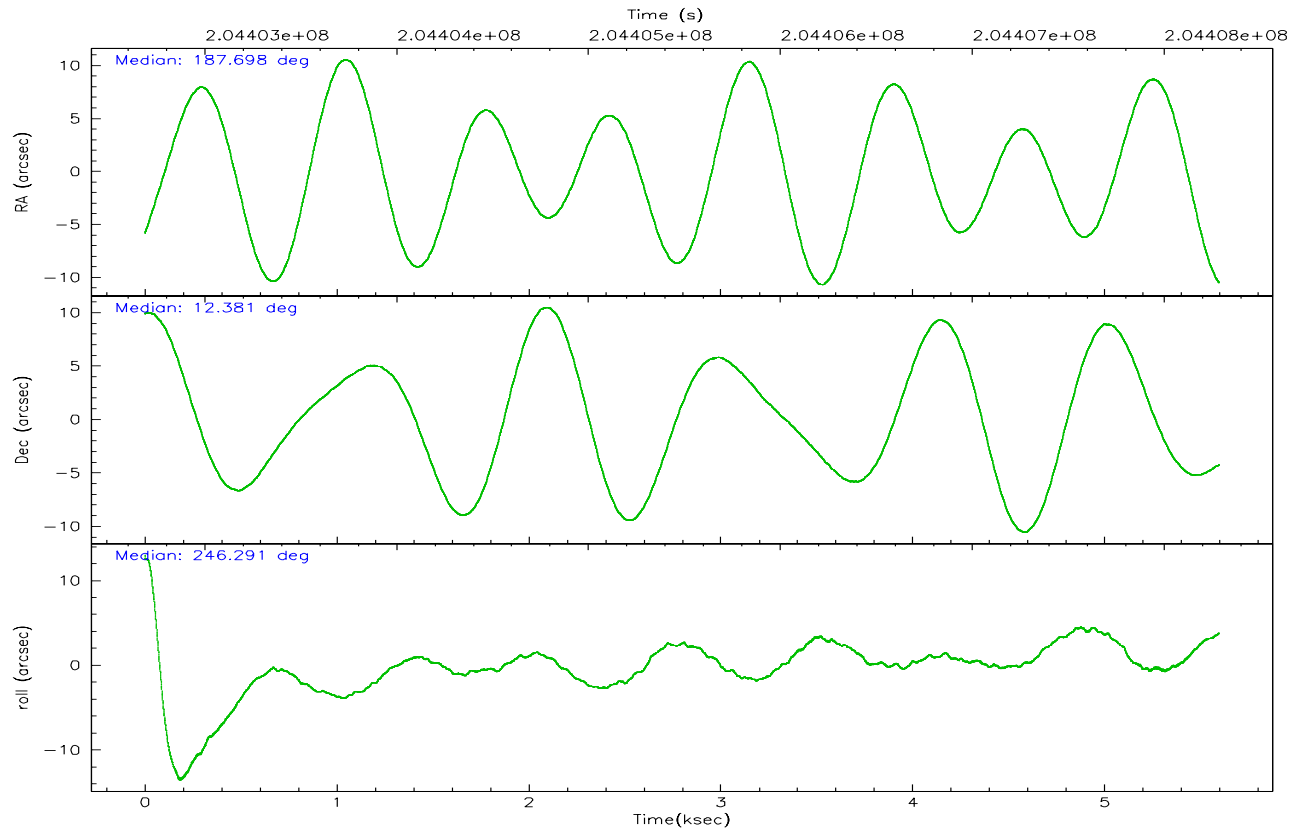
	ccd 7
grade 0 events	16899
	25%
grade 1 events	384
	0%
grade 2 events	15201
	22%
grade 3 events	6589
	9%
grade 4 events	6240
	9%
grade 5 events	2224
	3%
grade 6 events	13108
	19%
grade 7 events	5884
	8%

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	187.694052	187.697542715804	Subarray start row	0	449
Pointing Dec	12.408061	12.38106593751461	Subarray row count	1024	128
Pointing Roll	246.144500	246.300376787966	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	204403284.184000	204402395.39876			
Observation start date	2004-06-23T18:40:20	2004-06-23T18:26:35			
Observation end time	204408284.184000	204409155.78656			
Observation end date	2004-06-23T20:03:40	2004-06-23T20:19:15			
Read mode	TIMED	TIMED			

2.3 Aspect



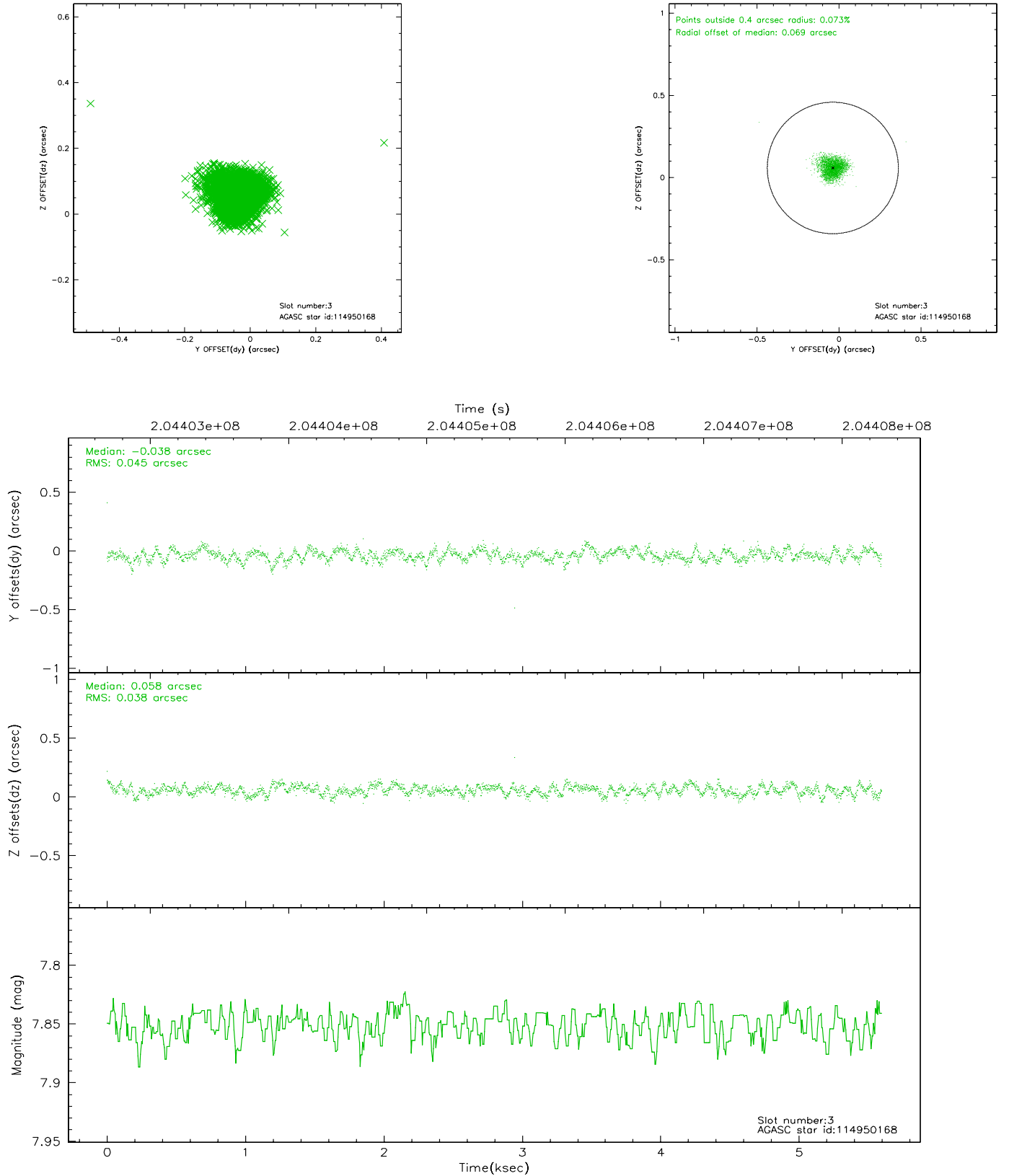


Slot Statistics

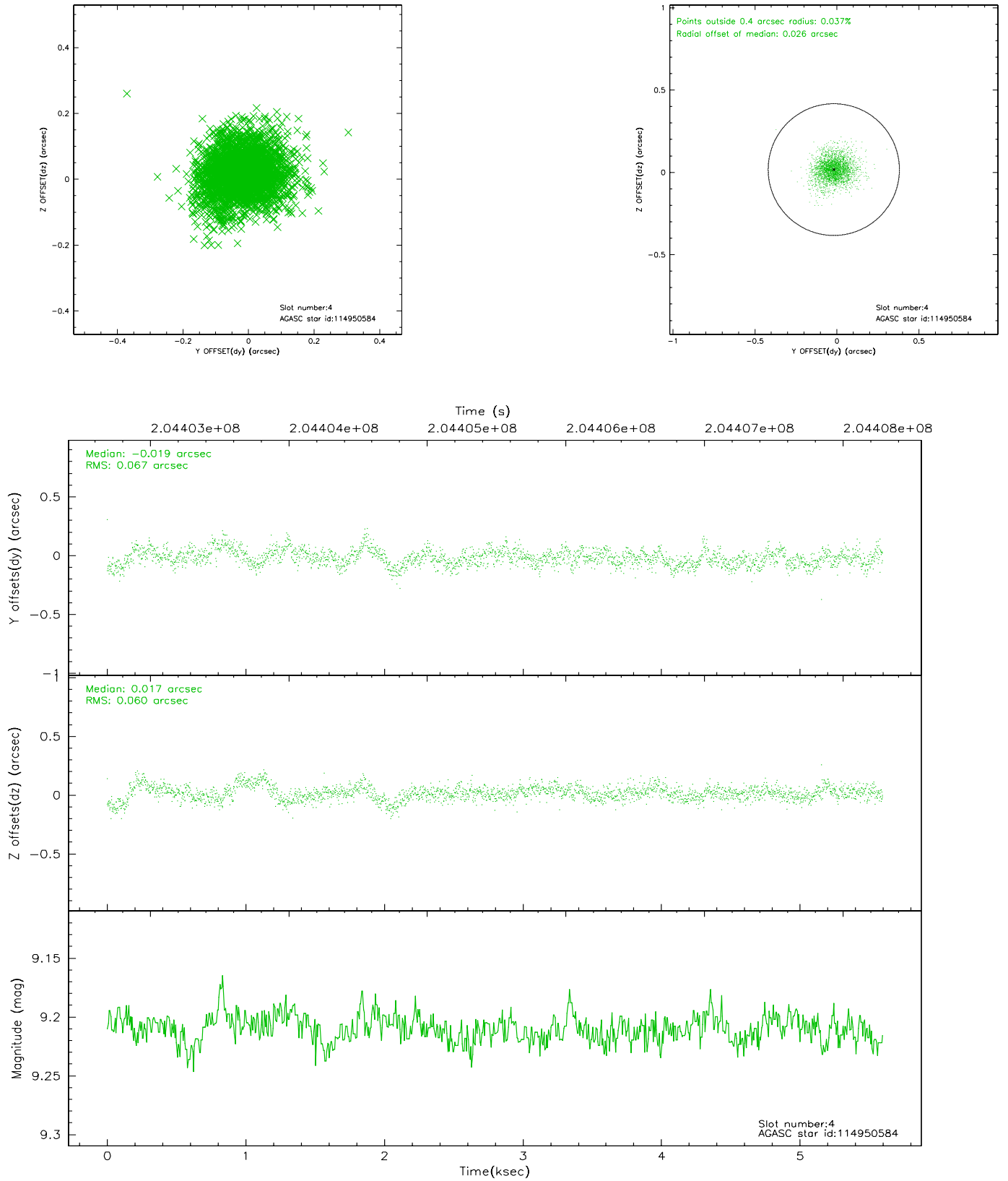
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1365	-0.025	0.018	0.006	0.011	0.000000	0.000000	-759.58	-1732.06
1	FID	ACIS-S-5	7.24	1365	0.001	-0.020	0.007	0.010	0.000000	0.000000	-1813.20	168.75
2	FID	ACIS-S-6	7.34	1365	-0.002	0.009	0.005	0.009	0.000000	0.000000	400.84	813.94
3	GUIDE	114950168	7.85	2730	-0.038	0.058	0.062	0.096	187.143398	12.117441	1739.64	-1350.02
4	GUIDE	114950584	9.21	2730	-0.019	0.017	0.093	0.160	187.487323	11.827248	2207.77	178.99
5	GUIDE	114952824	8.58	2730	-0.044	0.142	0.062	0.098	187.703904	12.486727	-271.69	-82.95
6	GUIDE	114955056	8.31	2731	-0.033	-0.074	0.069	0.110	187.914001	12.127854	609.34	1115.69
7	GUIDE	114957008	8.26	2730	0.138	-0.142	0.077	0.140	186.894794	12.099160	2152.45	-2124.80

2.4 Star Slots

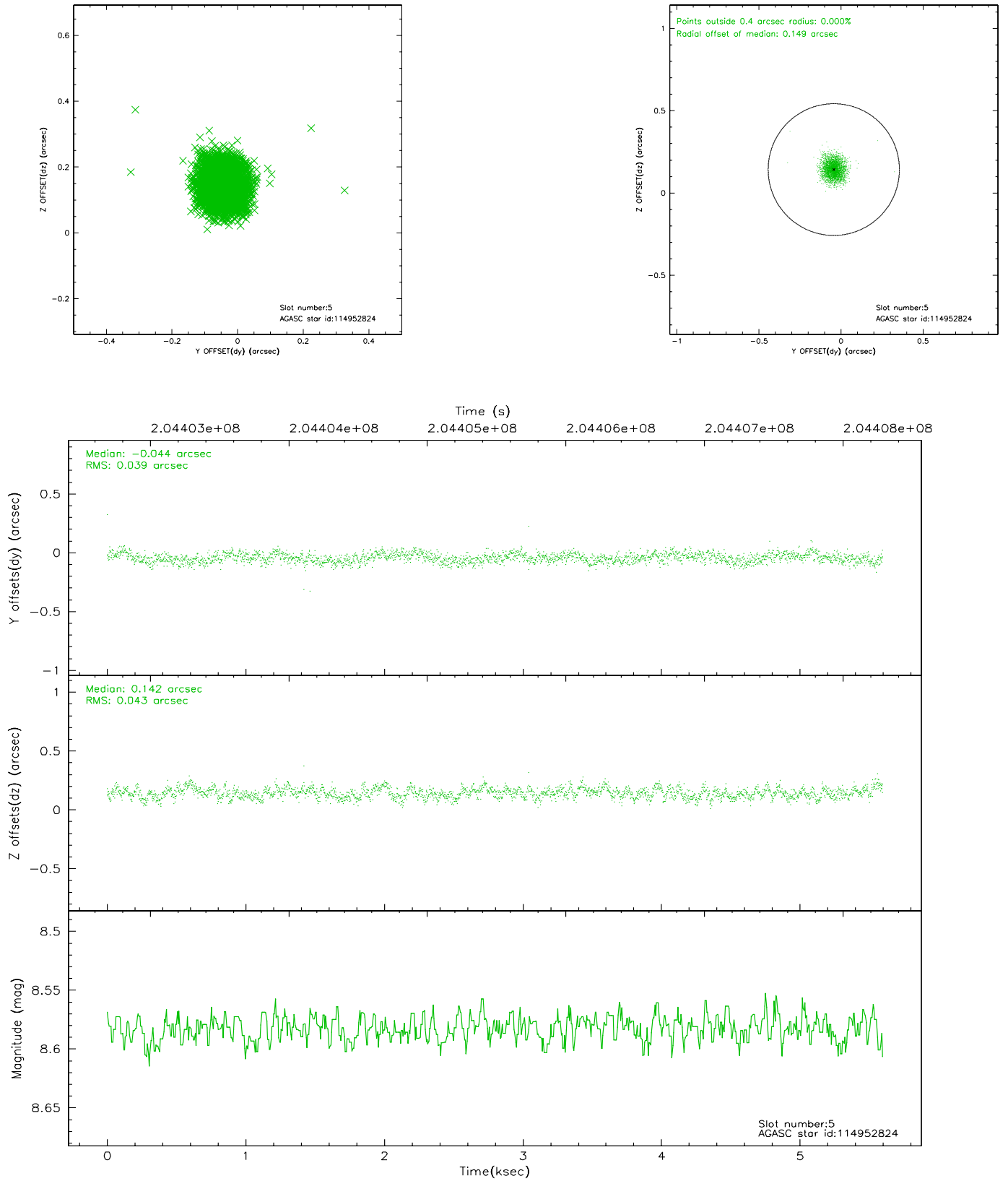
2.4.1 Slot 3



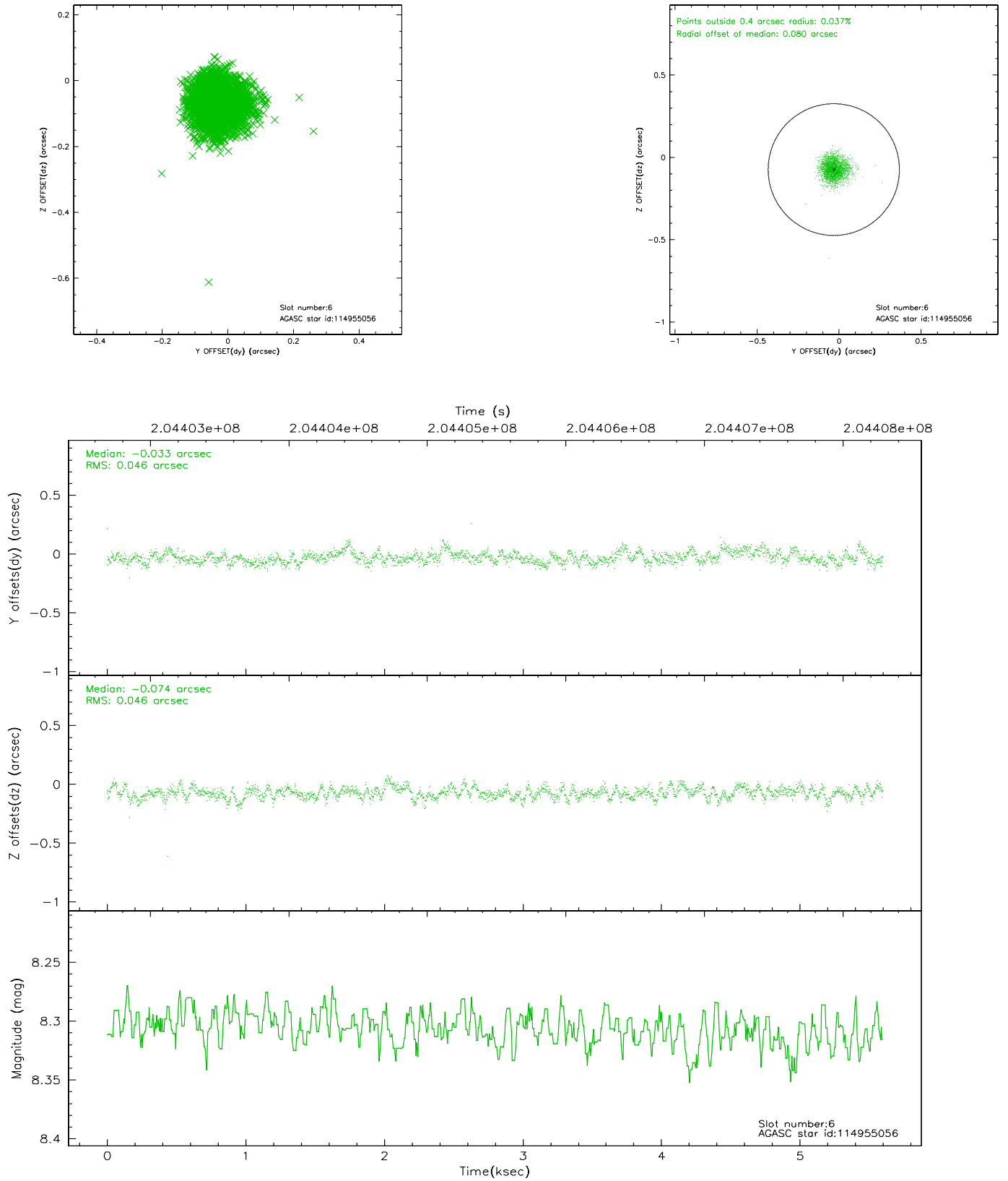
2.4.2 Slot 4



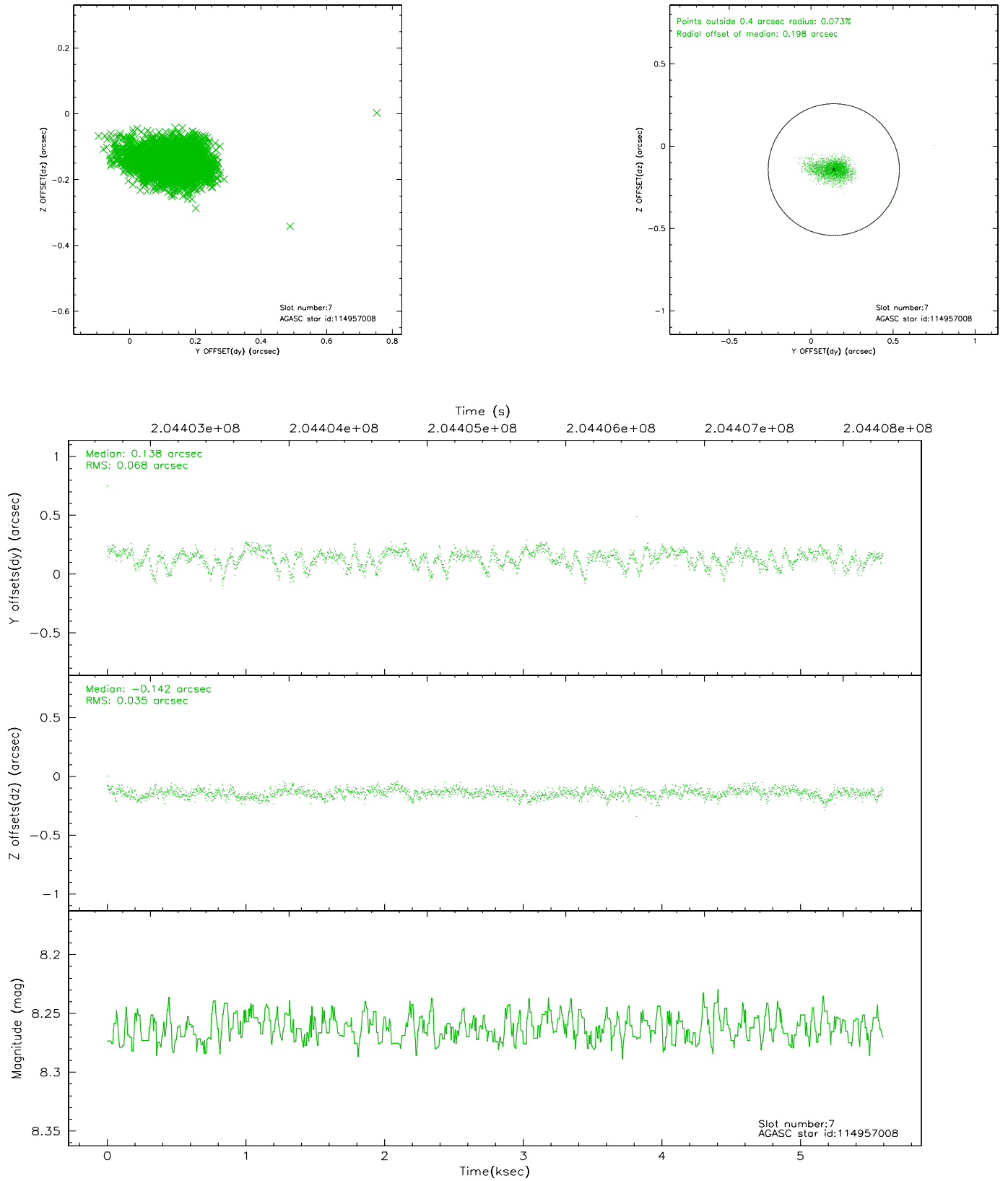
2.4.3 Slot 5



2.4.4 Slot 6

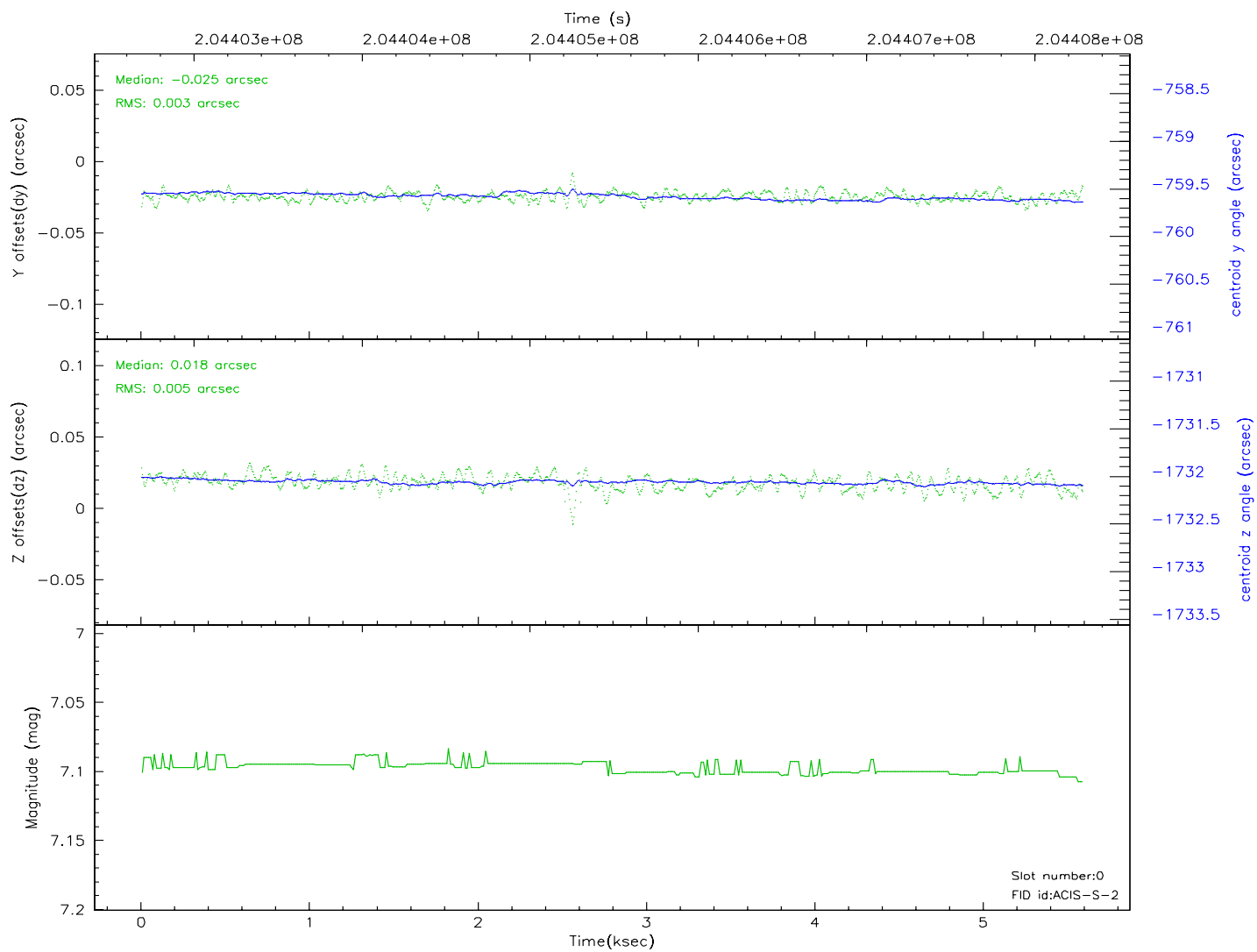
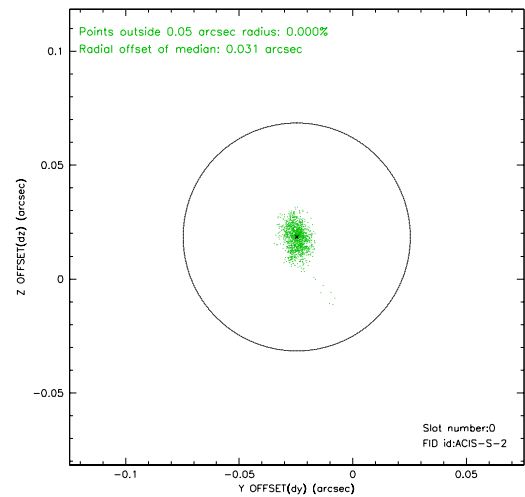
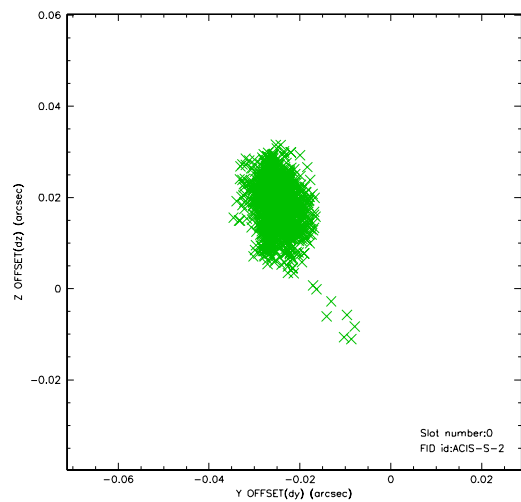


2.4.5 Slot 7

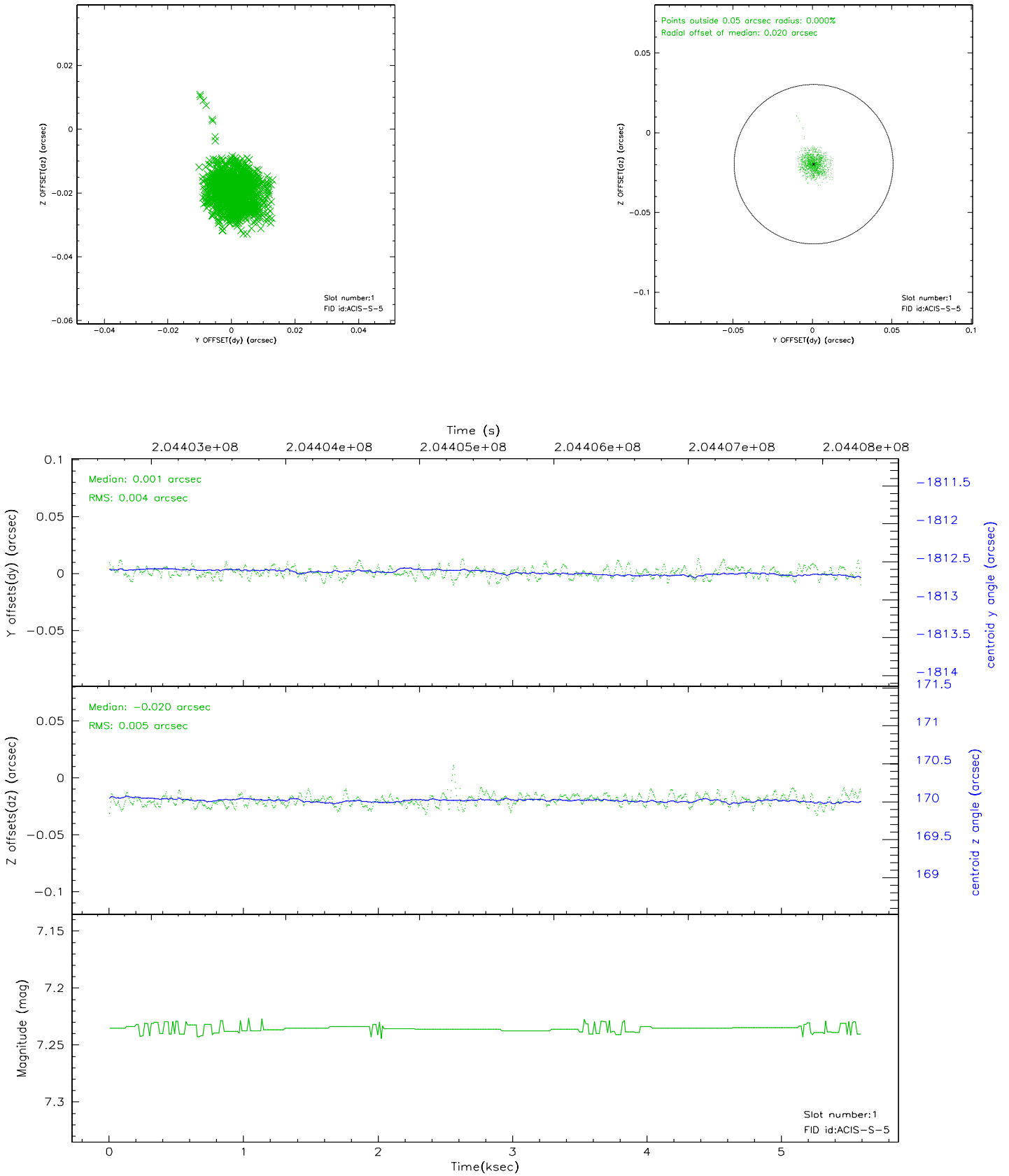


2.5 FID Slots

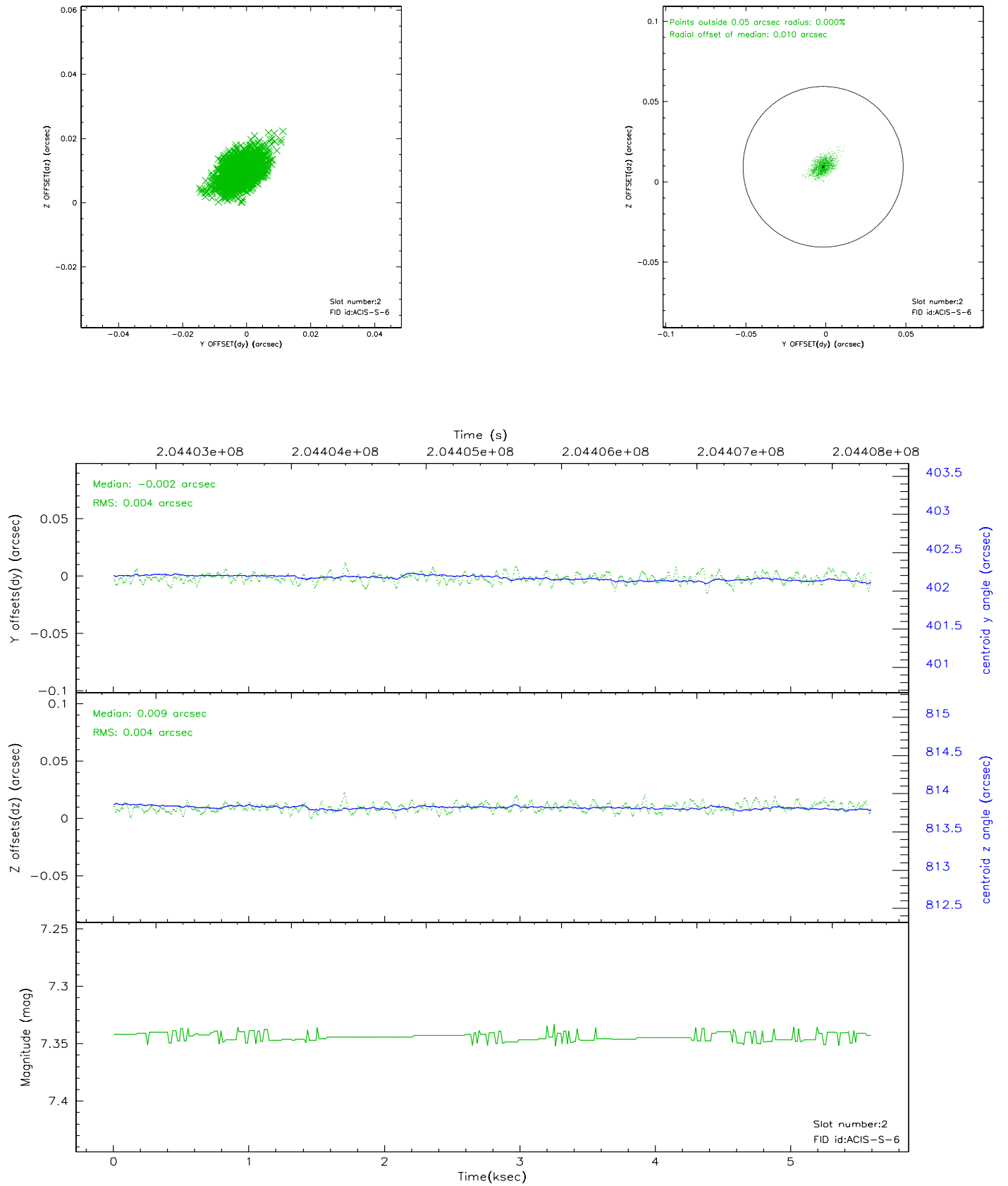
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

2.32 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.009

A.2 Comments