

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4453 - L2 Version 001
Chandra X-Ray Center

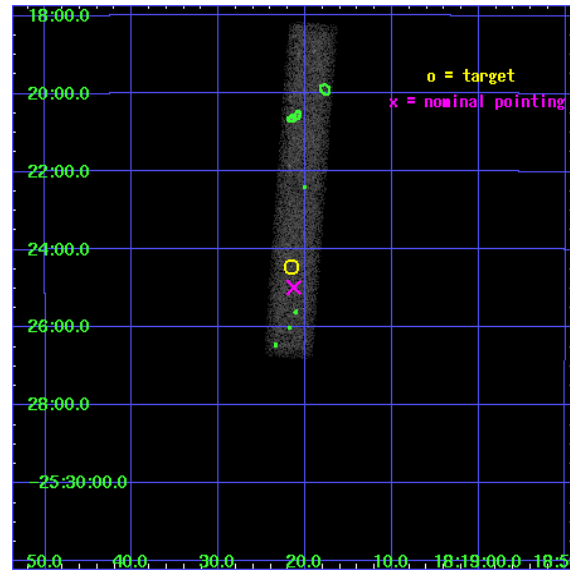
L2 Processing Date : Apr 26 2006

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

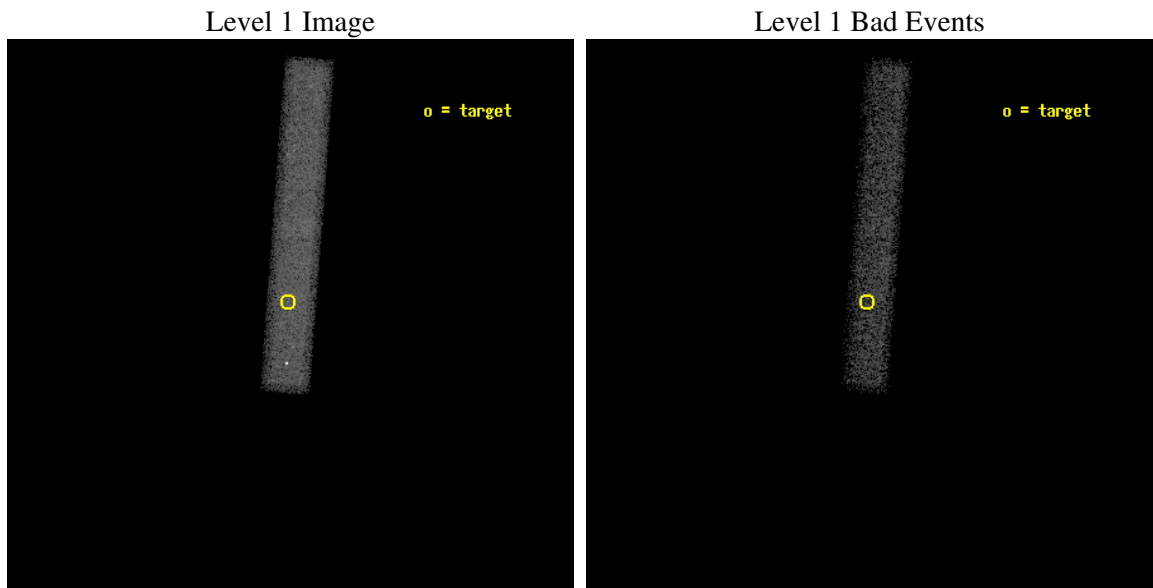
seq_num	400330
obs_id	4453
title	Following a black hole candidate soft X-ray transient returning to quiescence
observer	Dr Peter Jonker
object	V 4641 Sgr
dtcycle	0
cycle	P
ra_targ	274.84
dec_targ	-25.407167
ra_nom	274.83887383604
dec_nom	-25.416261234336
roll_nom	274.28468244063
revision	2
ontime	40185.200598806
livetime	36445.85579431
ontime7	40185.200598806
l2events	24955



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	3.2.1
date	2006-04-26T17:05:50
revision	2

sched_exp_time	40000.000000
ontime	41634.669681817
ontime7	41634.669681817
l1events	57336

2.1.4 Events

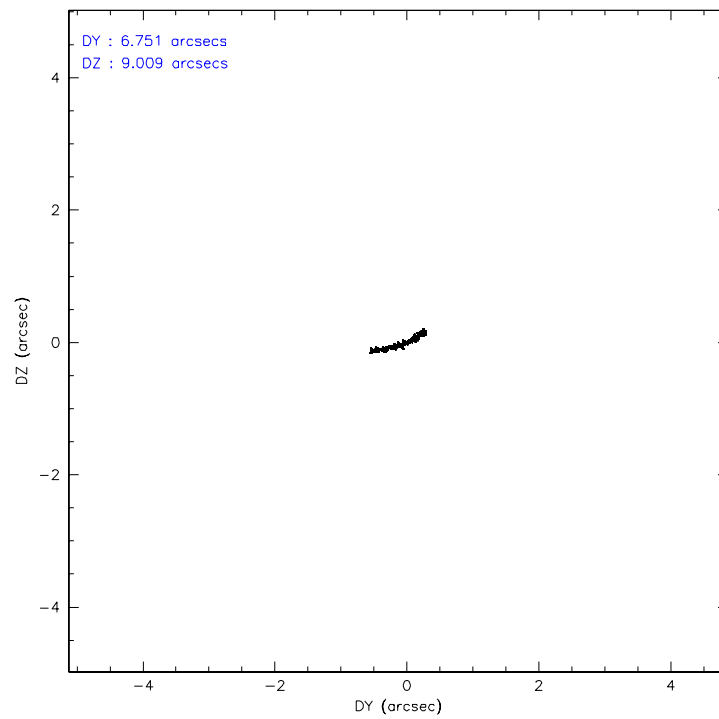
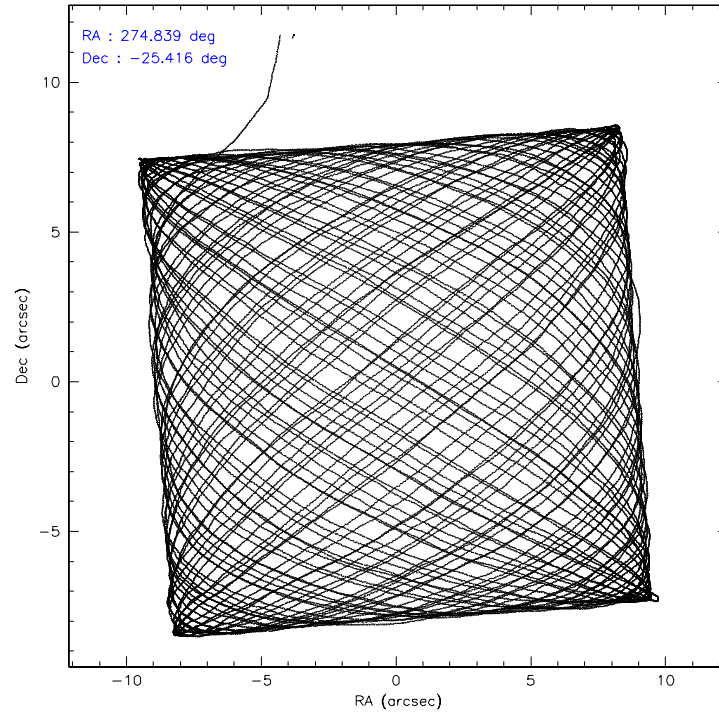
	ccd 7
level 1 events	57336
rejected events	31401
rejected %	54%

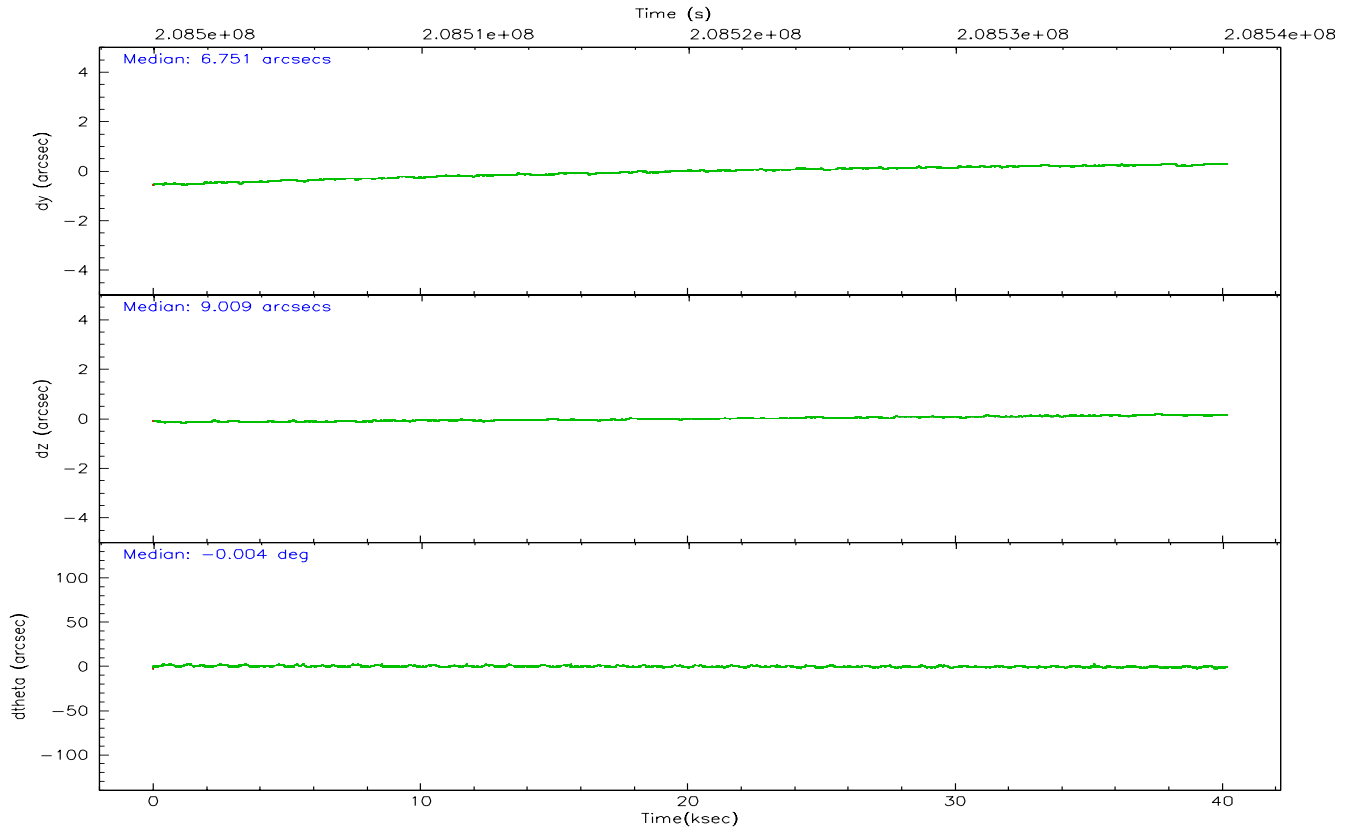
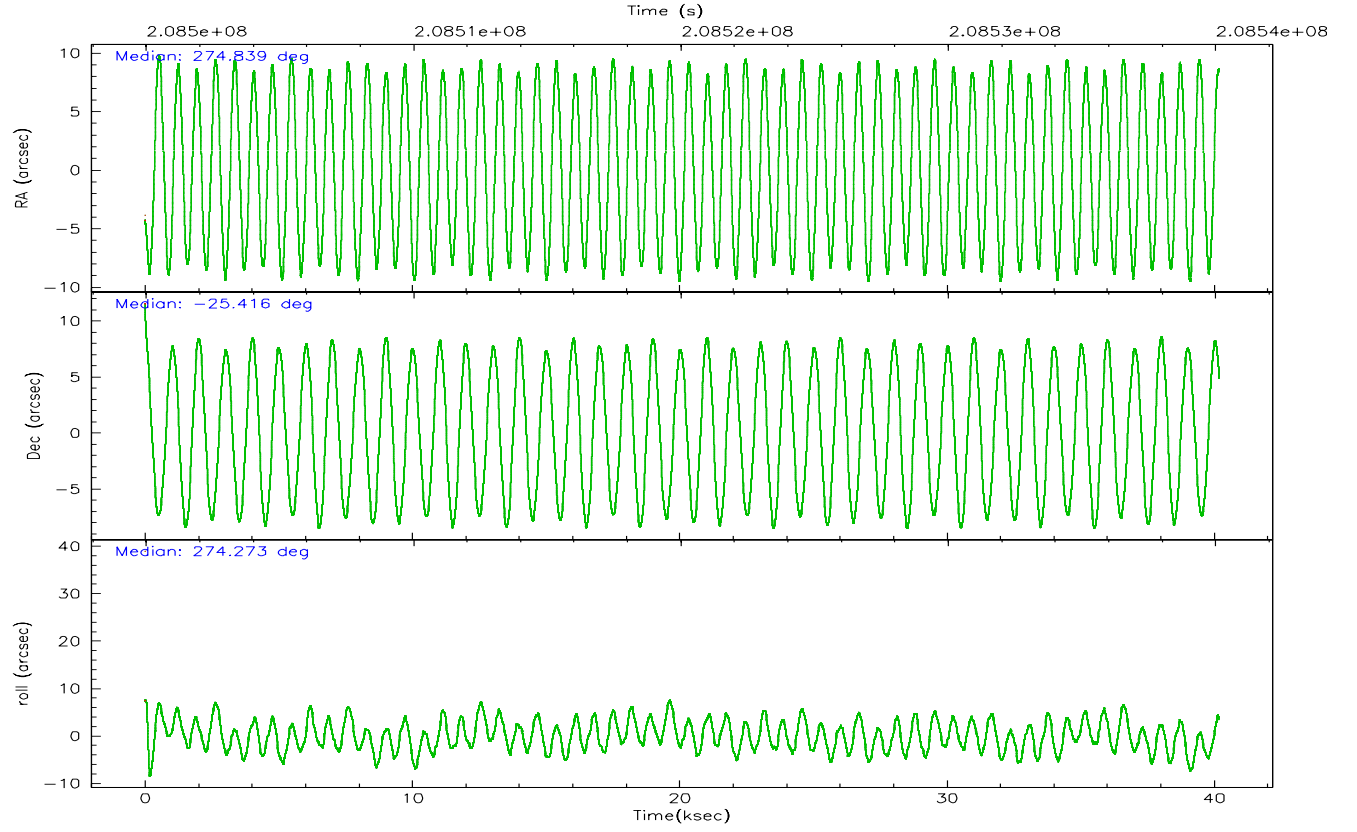
	ccd 7
grade 0 events	2419
	4%
grade 1 events	37
	0%
grade 2 events	6171
	10%
grade 3 events	2805
	4%
grade 4 events	2571
	4%
grade 5 events	3882
	6%
grade 6 events	12837
	22%
grade 7 events	26614
	46%

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	274.821558	274.8388738360398	Subarray start row	0	449
Pointing Dec	-25.394000	-25.41626123433624	Subarray row count	1024	128
Pointing Roll	274.120626	274.2846824406266	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	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	208500132.184000	208498498.01812			
Observation start date	2004-08-10T04:41:08	2004-08-10T04:14:58			
Observation end time	208540132.184000	208541800.68254			
Observation end date	2004-08-10T15:47:48	2004-08-10T16:16:40			
Read mode	TIMED	TIMED			

2.3 Aspect



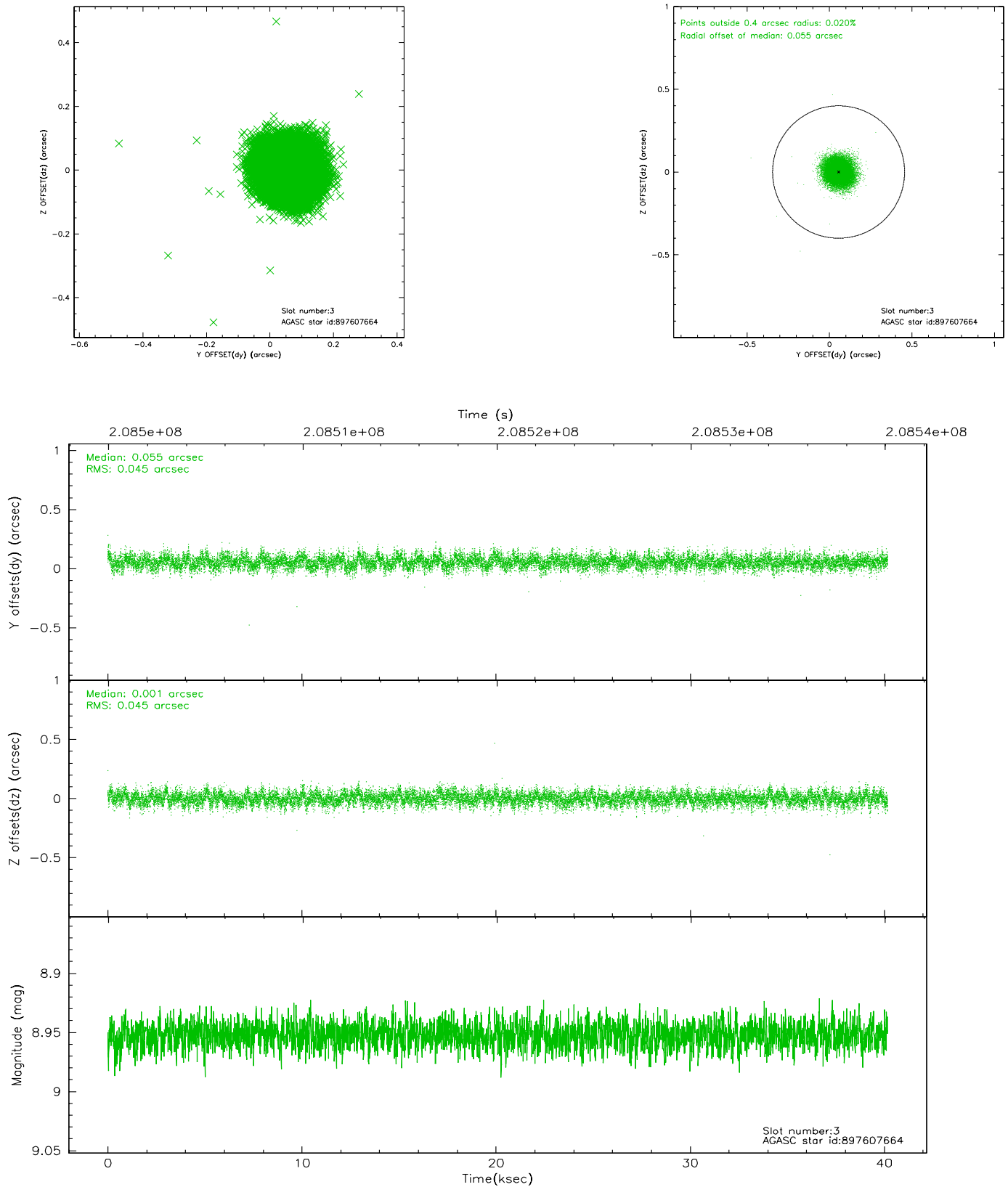


Slot Statistics

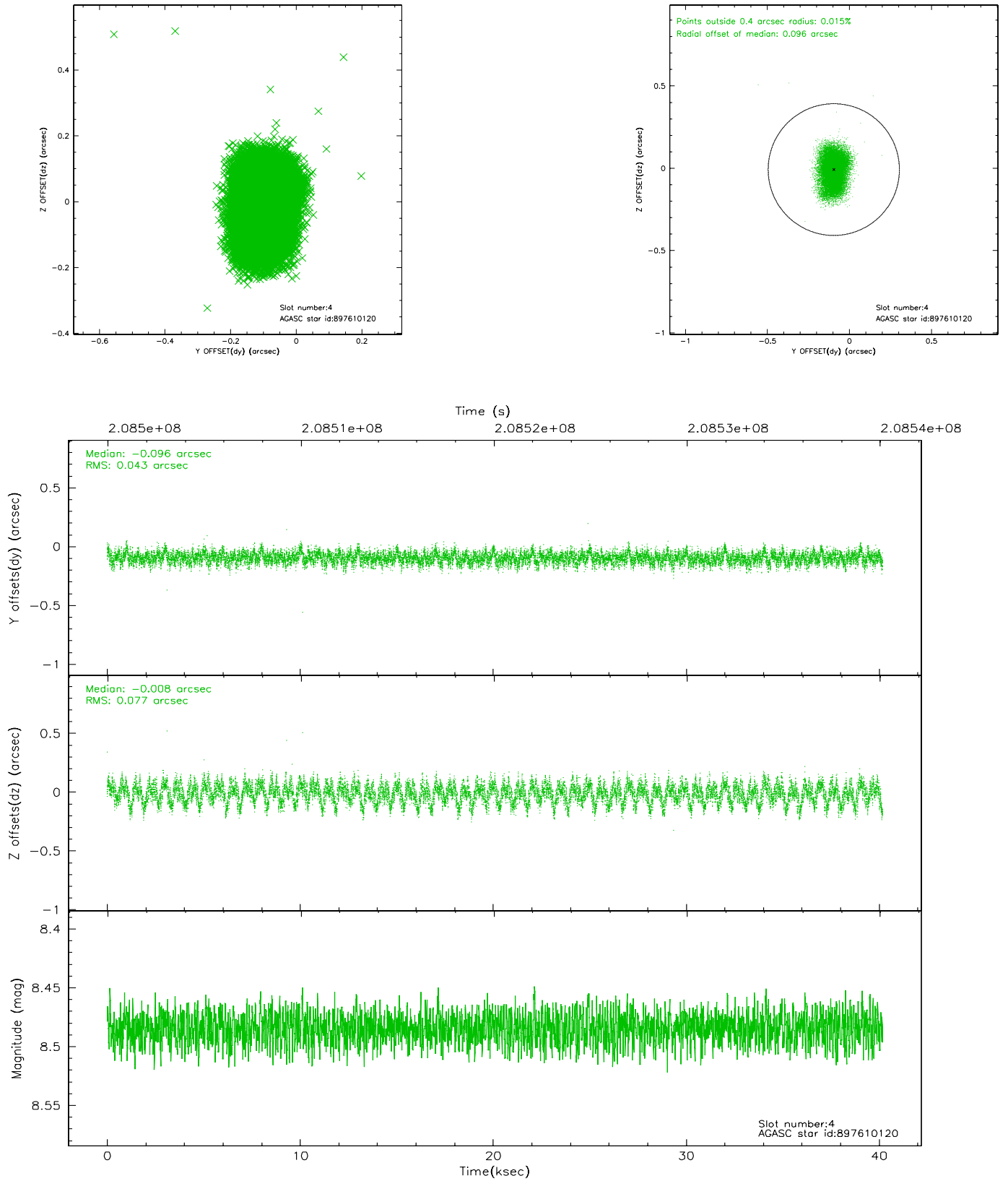
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9801	-0.027	-0.028	0.016	0.024	0.000000	0.000000	-759.47	-1730.21
1	FID	ACIS-S-4	7.21	9802	0.027	0.020	0.013	0.023	0.000000	0.000000	2153.85	178.31
2	FID	ACIS-S-5	7.23	9802	-0.033	0.015	0.015	0.026	0.000000	0.000000	-1812.30	171.99
3	GUIDE	897607664	8.95	19593	0.055	0.001	0.067	0.109	274.763984	-25.327976	-249.75	-169.78
4	GUIDE	897610120	8.48	19592	-0.096	-0.008	0.094	0.155	275.375820	-25.427247	252.42	1788.57
5	GUIDE	897614272	8.74	19554	0.018	0.080	0.087	0.140	275.179042	-25.471578	363.71	1138.88
6	GUIDE	897607632	8.99	19599	0.062	-0.047	0.091	0.141	275.528210	-25.239953	-381.79	2334.40
7	GUIDE	897601280	9.68	19587	-0.045	-0.017	0.144	0.235	274.221964	-25.156854	-987.00	-1887.80

2.4 Star Slots

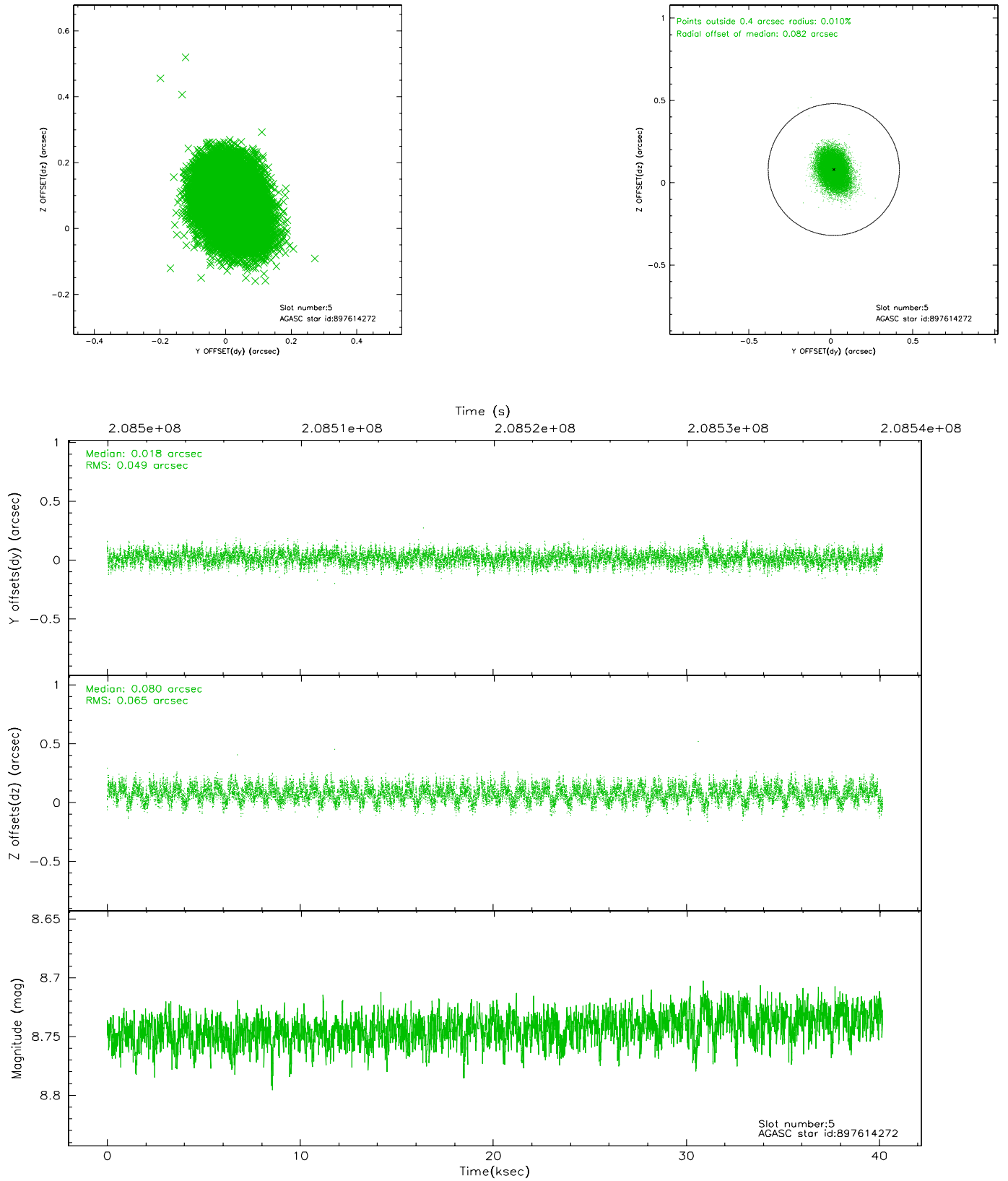
2.4.1 Slot 3



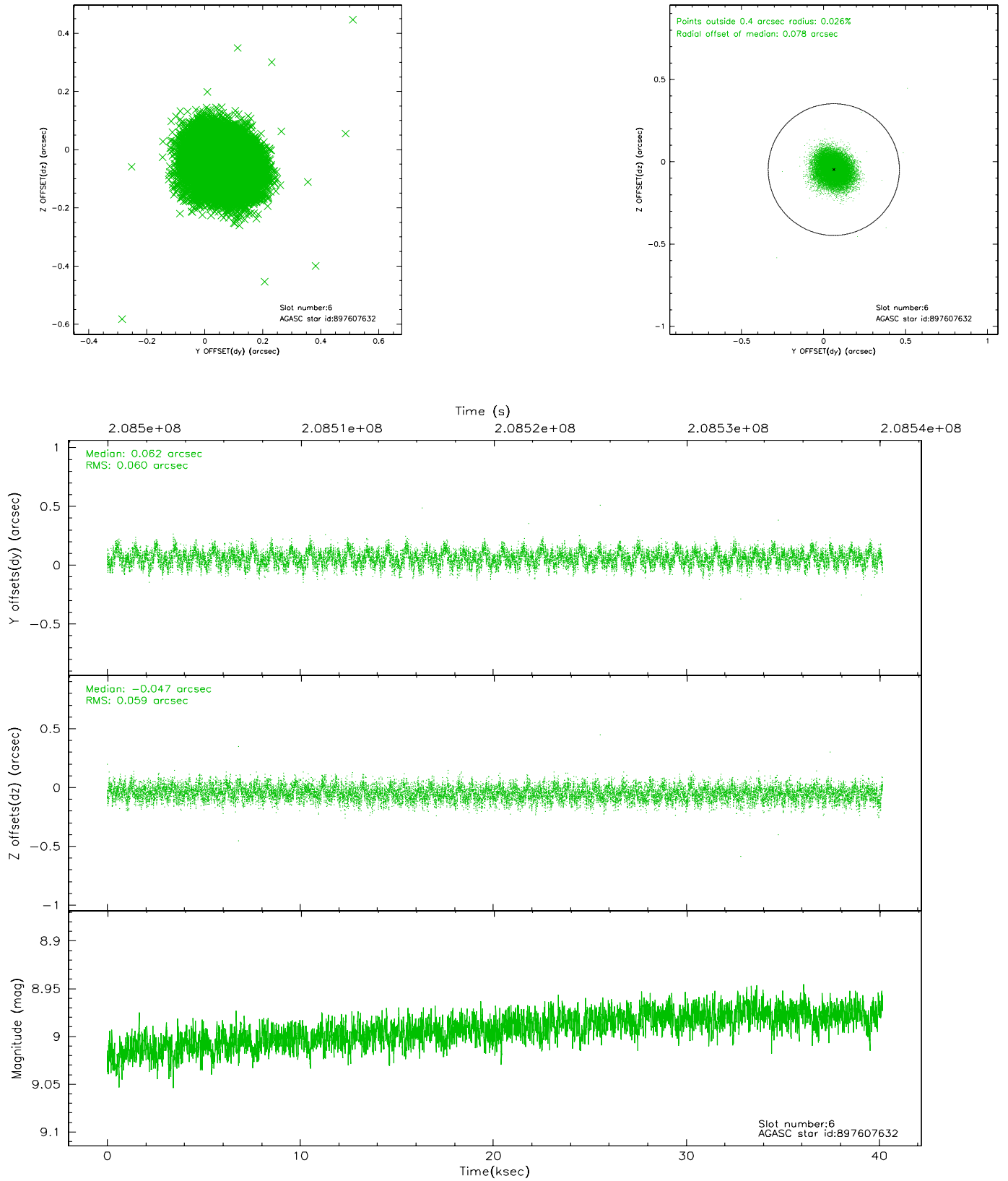
2.4.2 Slot 4



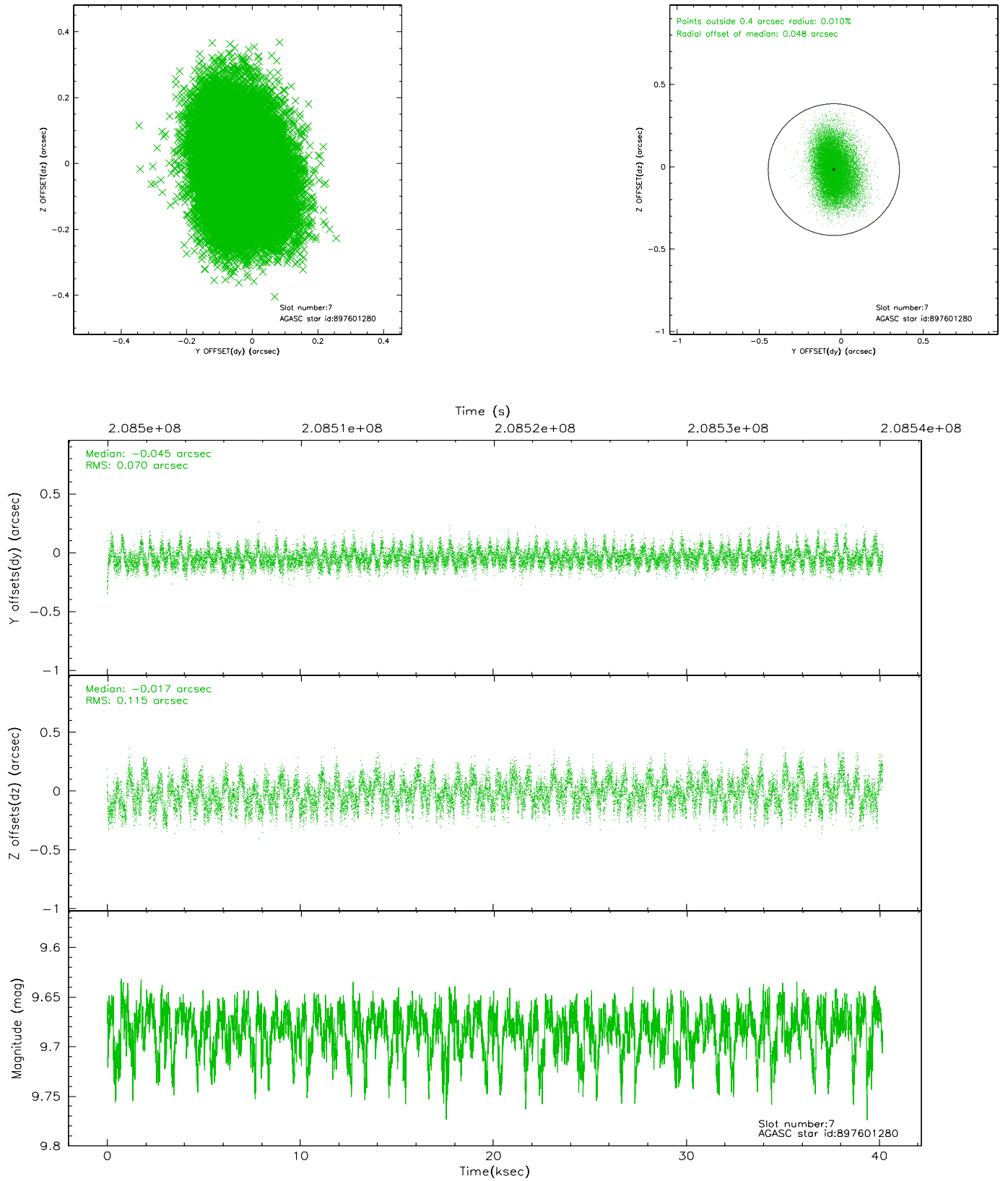
2.4.3 Slot 5



2.4.4 Slot 6

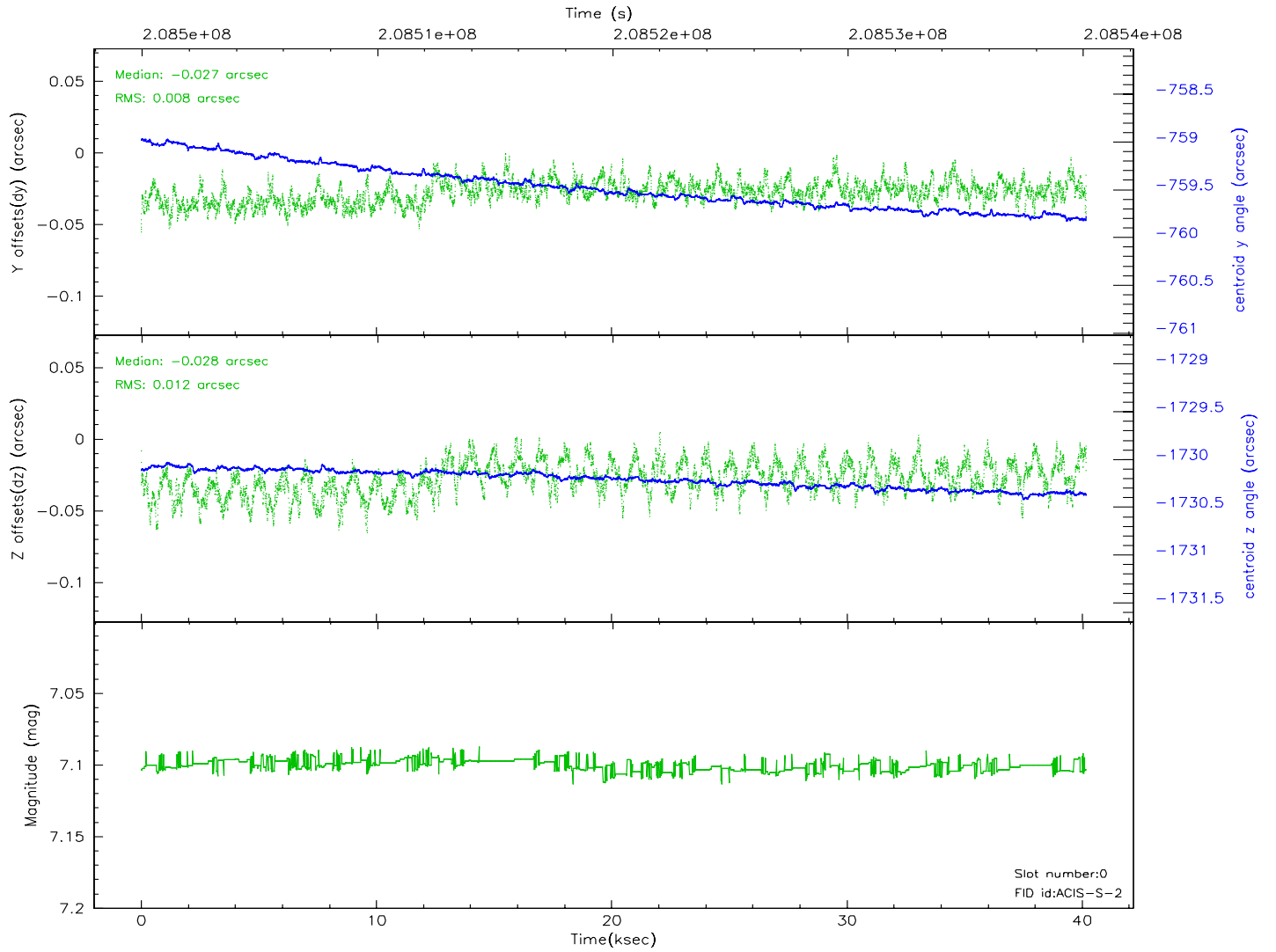
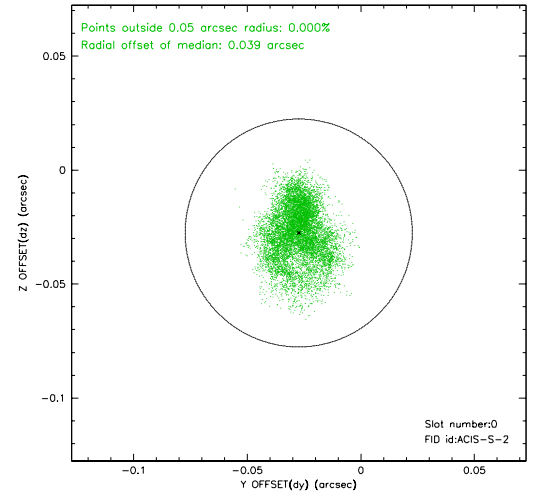
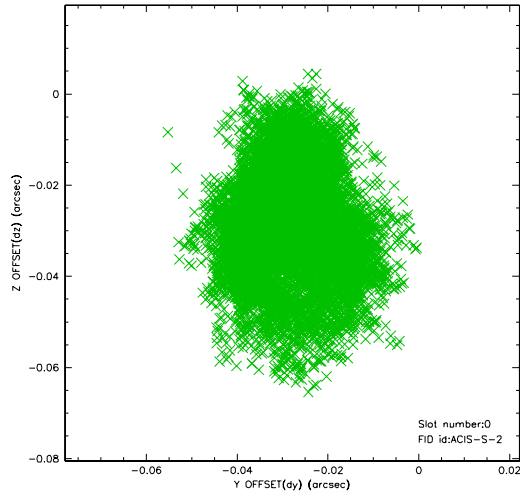


2.4.5 Slot 7

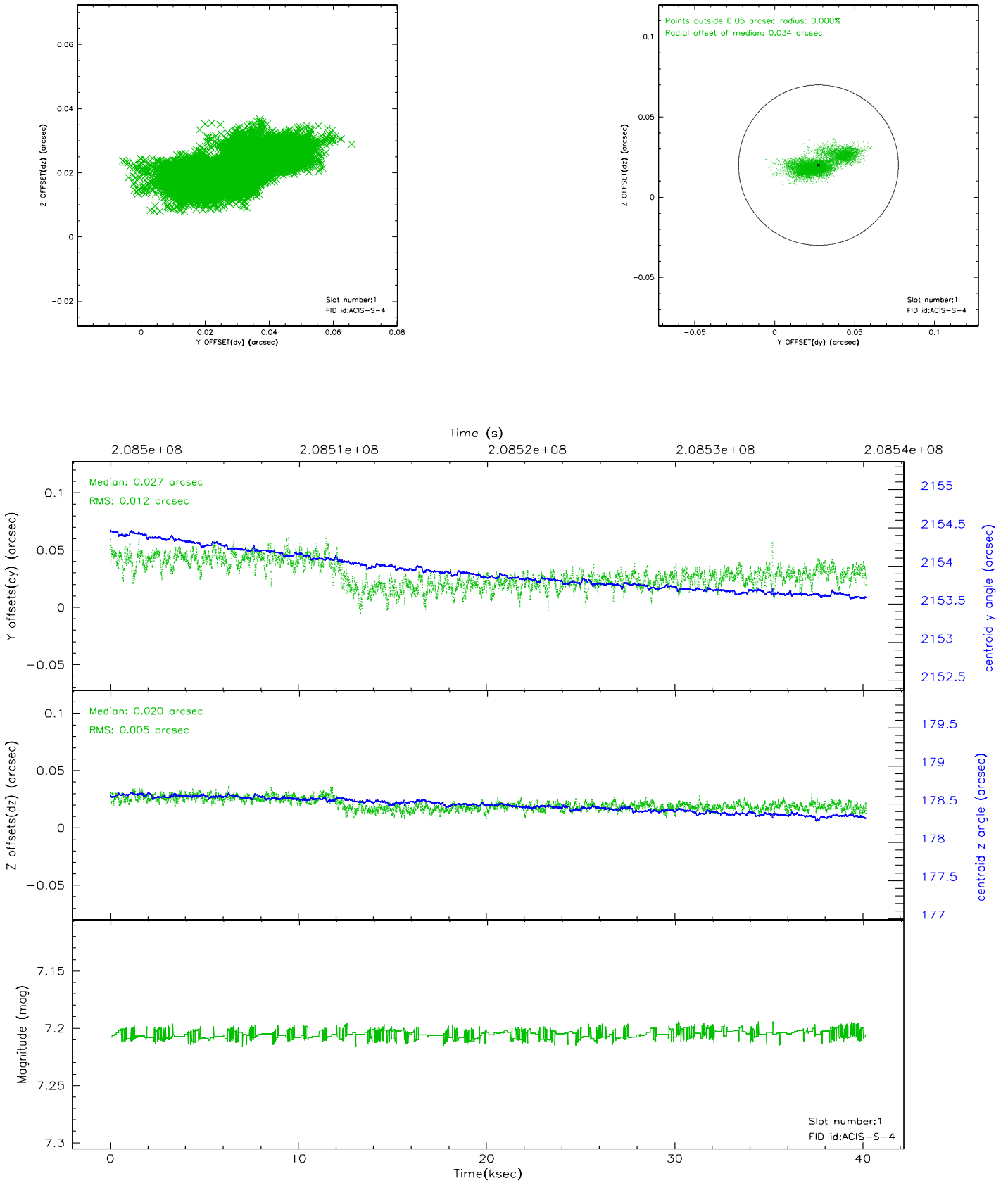


2.5 FID Slots

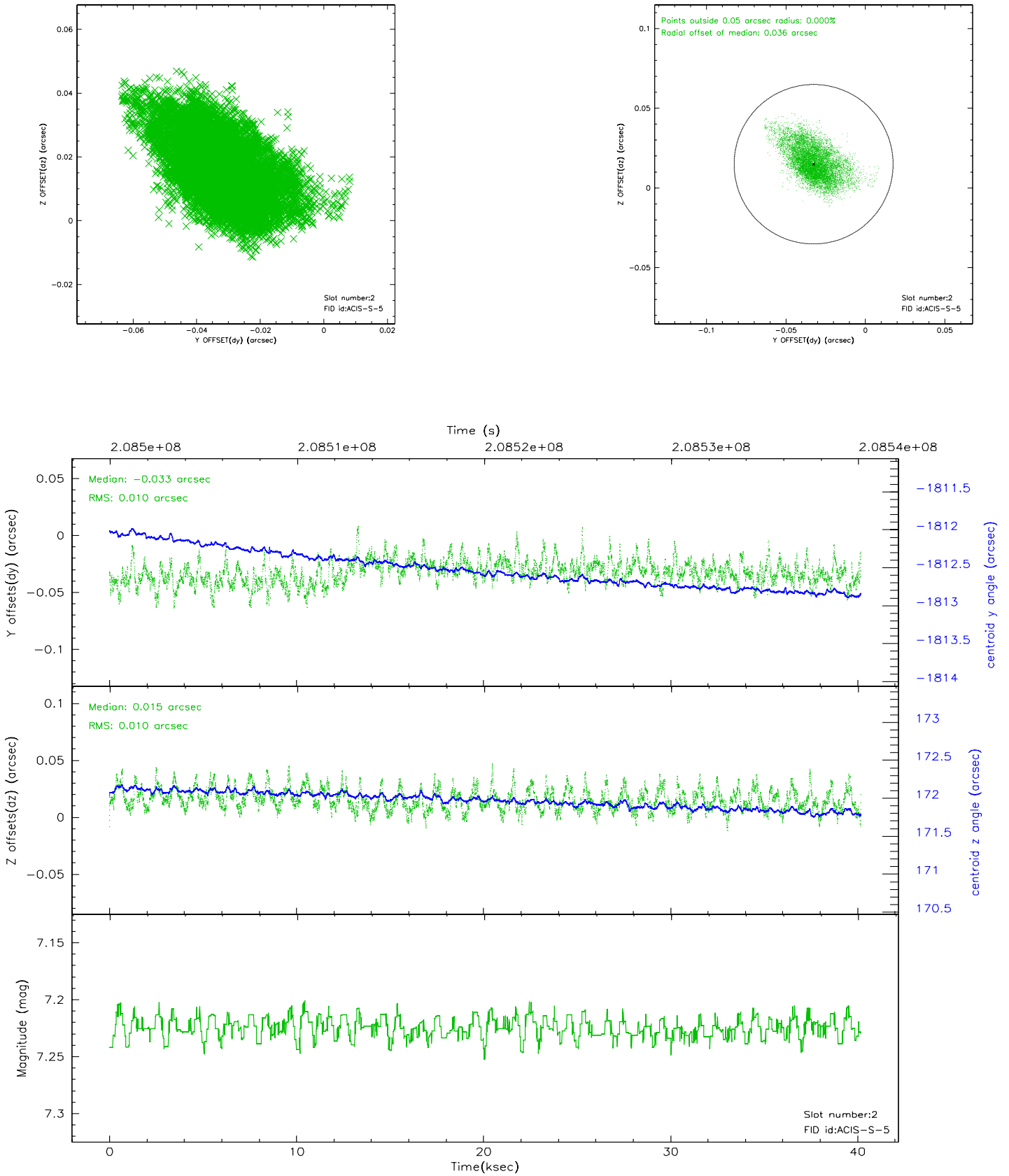
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

2.58 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.185

A.2 Comments