

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3795 - L2 Version 001
Chandra X-Ray Center

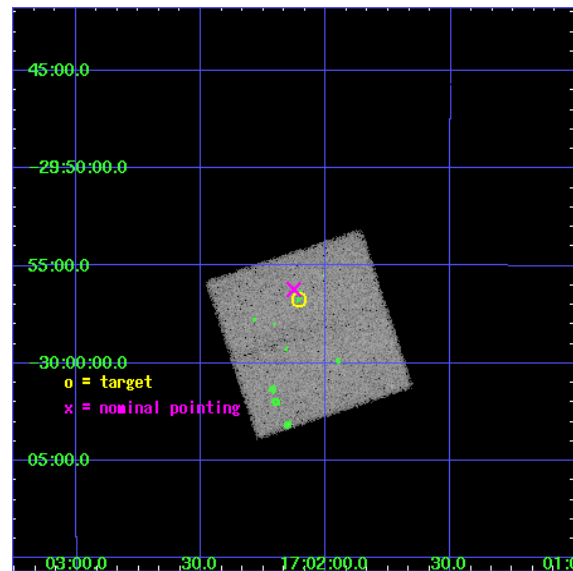
L2 Processing Date : Aug 11 2006

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

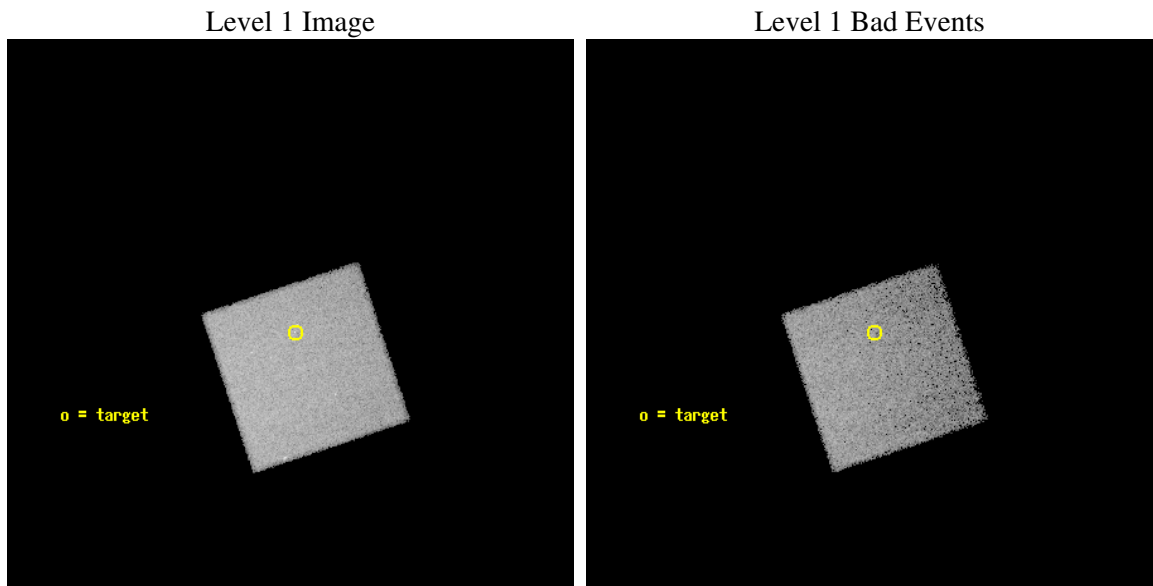
seq_num	400282
obs_id	3795
title	MONITORING TWO QUASI-PERSISTENT X-RAY BINARIES IN QUIESCENCE
observer	Dr. Rudy Wijnands
object	MXB 1659-298
dtcycle	0
cycle	P
ra_targ	255.526667
dec_targ	-29.945639
ra_nom	255.53196544473
dec_nom	-29.937173209147
roll_nom	71.611005875326
revision	2
ontime	27509.959029764
livetime	27138.701591986
ontime7	27509.959029764
l2events	88486



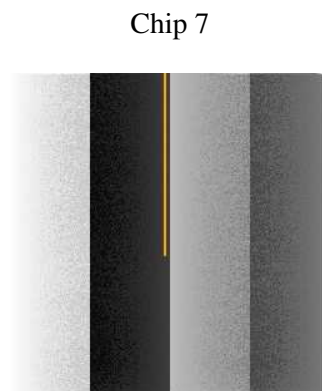
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-11T17:44:58
revision	2

sched_exp_time	27000.000000
ontime	27560.657715052
ontime7	27560.657715052
l1events	223989

2.1.4 Events

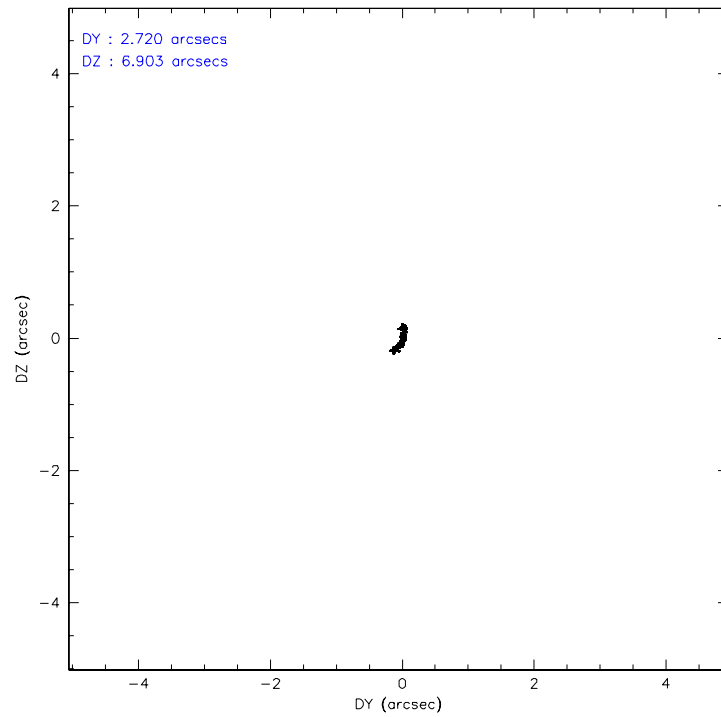
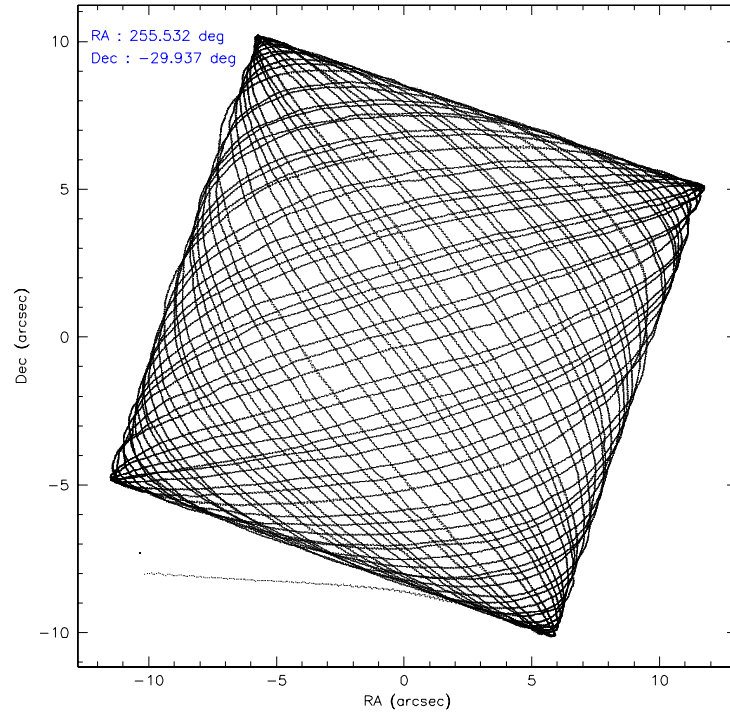
	ccd 7
level 1 events	223989
rejected events	133269
rejected %	59%

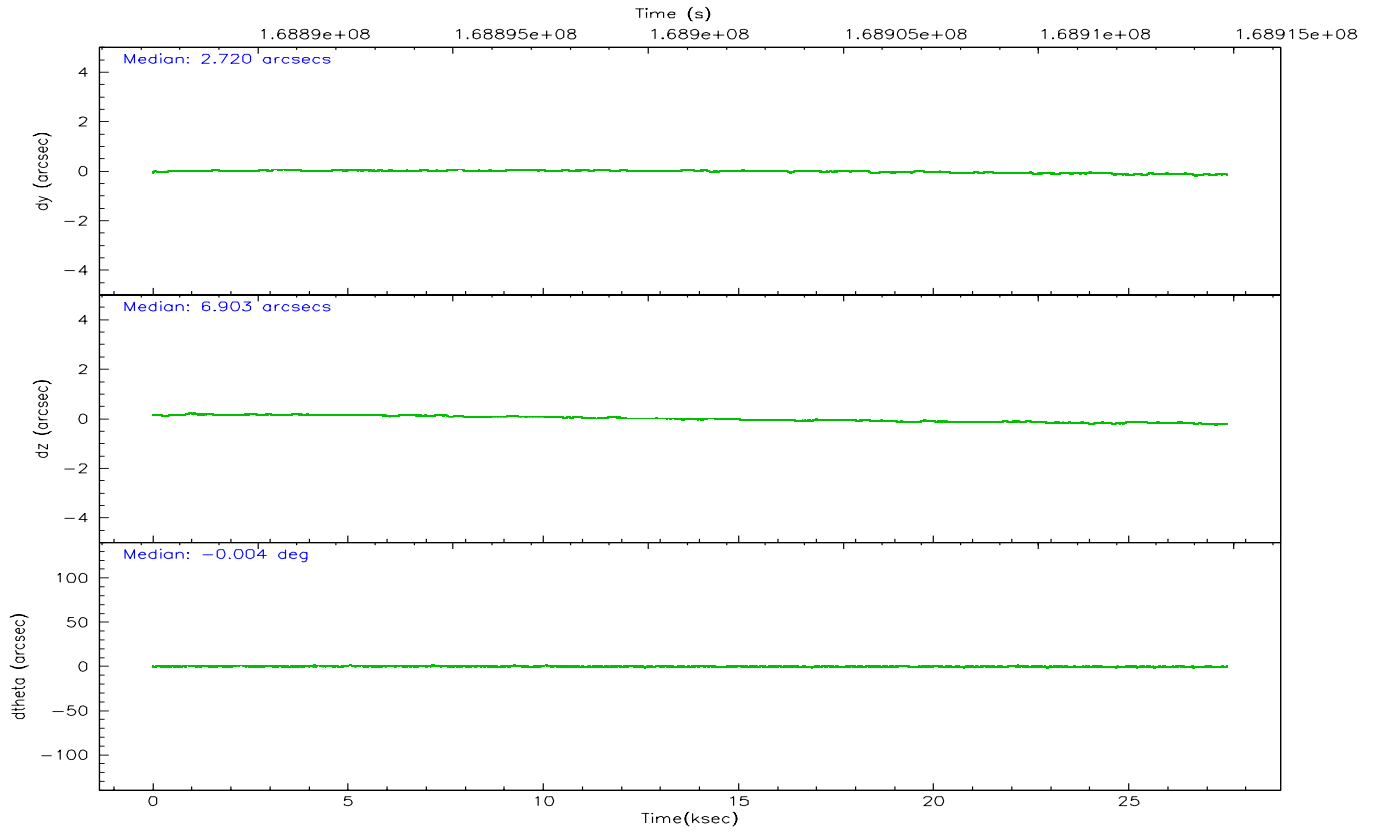
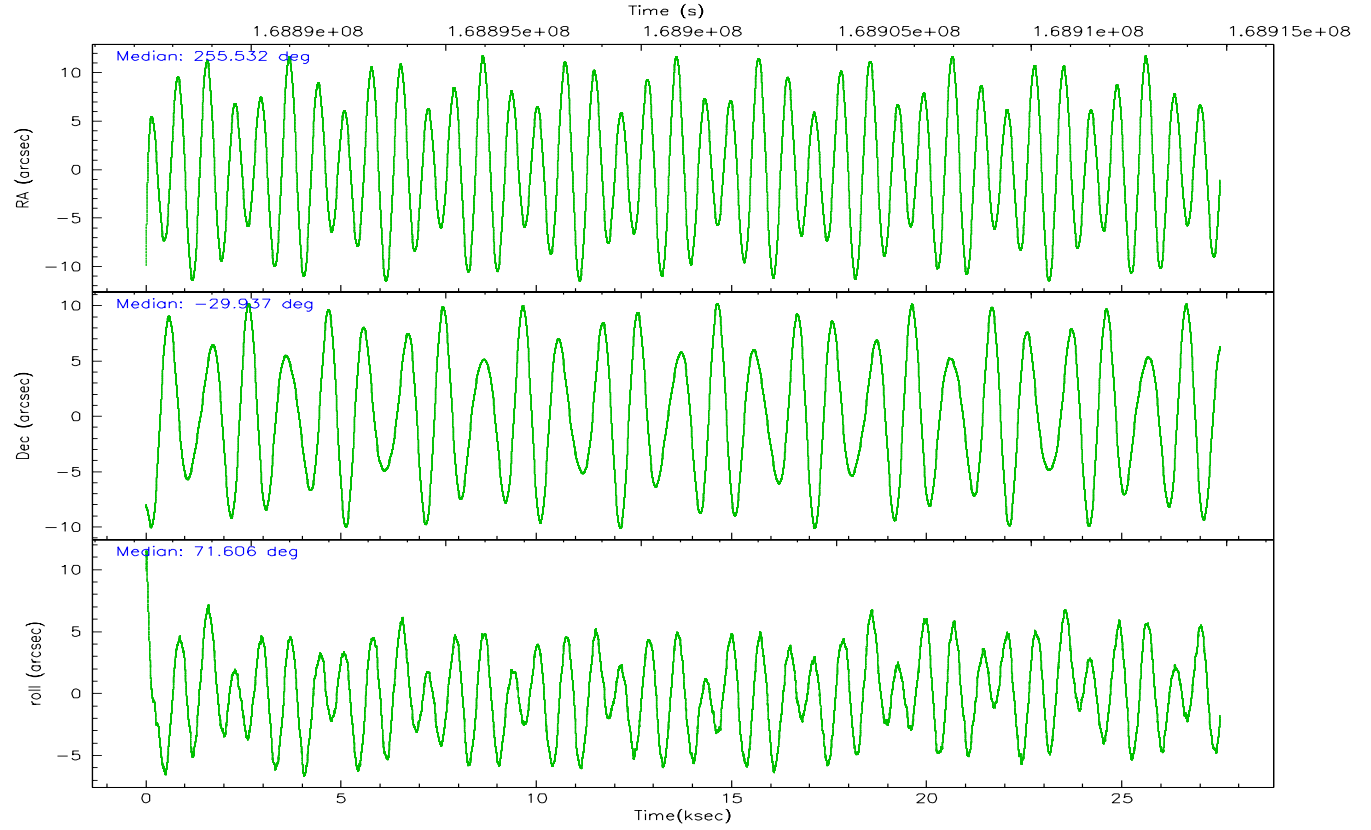
	ccd 7
grade 0 events	6632
	2%
grade 1 events	97
	0%
grade 2 events	22505
	10%
grade 3 events	5161
	2%
grade 4 events	4943
	2%
grade 5 events	14586
	6%
grade 6 events	51669
	23%
grade 7 events	118396
	52%

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	NONE	NONE
Pointing RA	255.538739	255.5319654447343	Alternating exposures requested	N	N
Pointing Dec	-29.963736	-29.93717320914666	Primary exposure time	0.000000	3
Pointing Roll	71.457757	71.61100587532636			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
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	168887832.184000	168886700.94766			
Observation start date	2003-05-09T17:16:08	2003-05-09T16:58:20			
Observation end time	168914832.184000	168915324.58637			
Observation end date	2003-05-10T00:46:08	2003-05-10T00:55:24			
Read mode	TIMED	TIMED			

2.3 Aspect



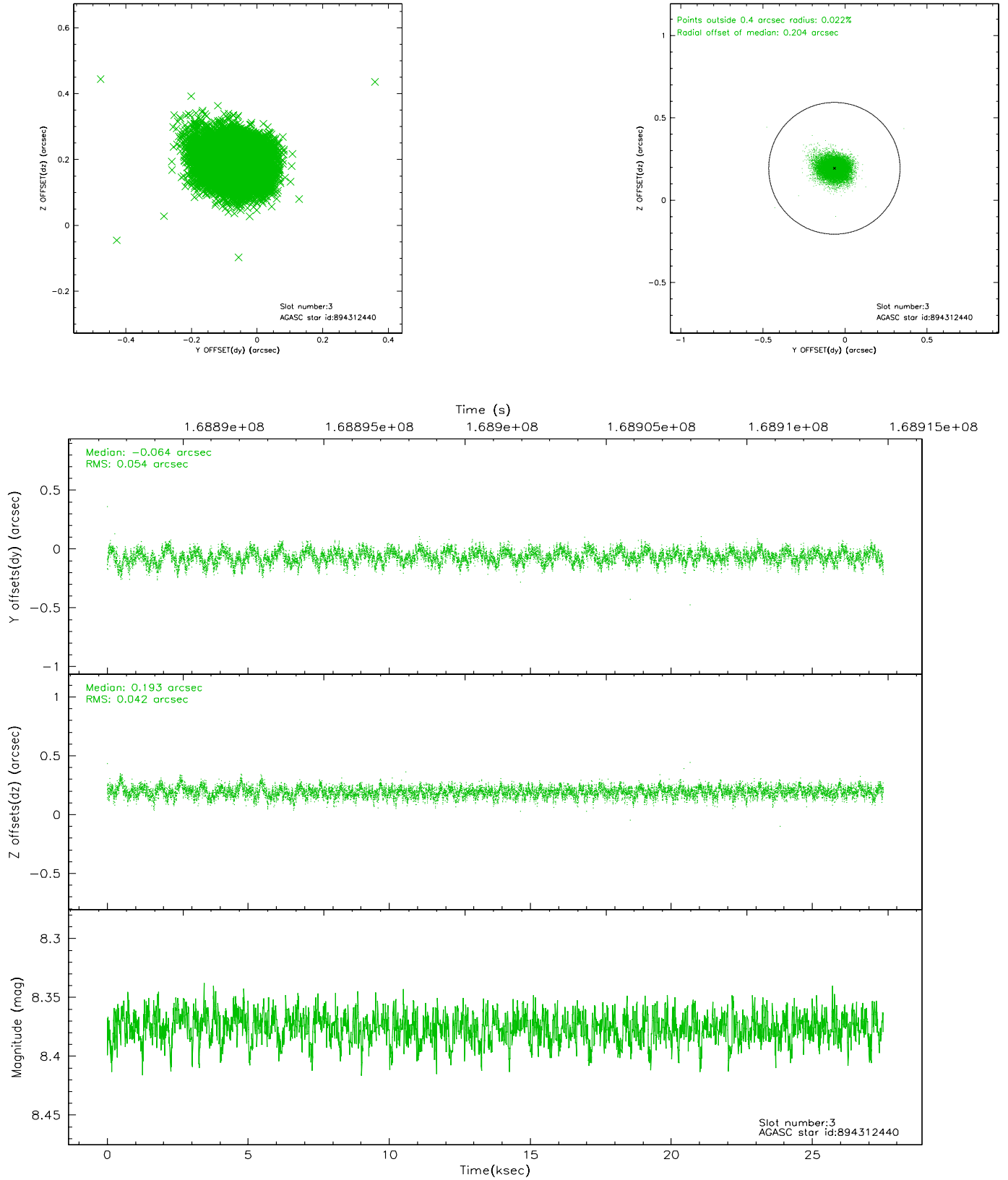


Slot Statistics

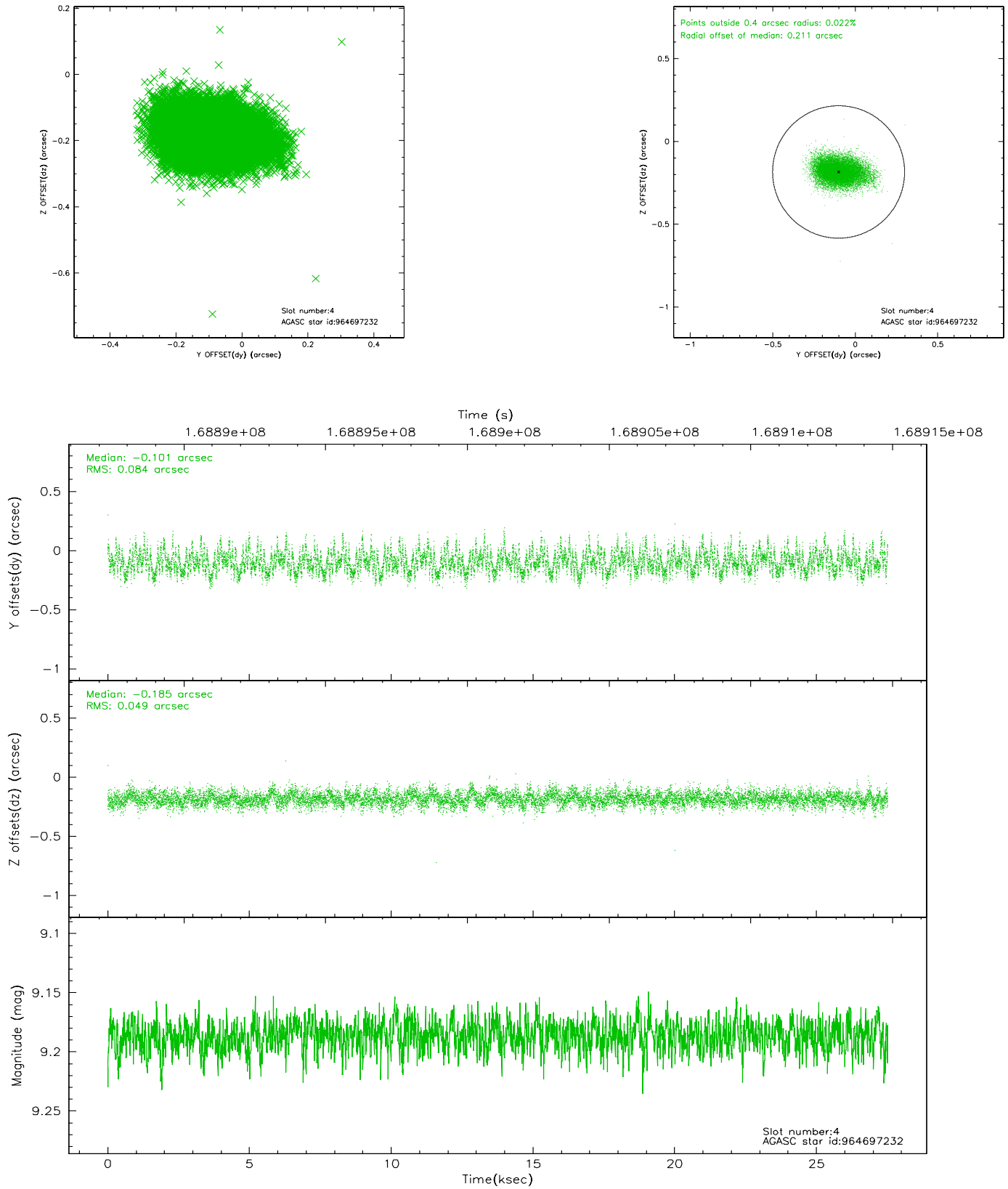
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6711	-0.006	0.007	0.007	0.014	0.000000	0.000000	-755.33	-1728.07
1	FID	ACIS-S-4	7.20	6711	-0.013	0.006	0.007	0.011	0.000000	0.000000	2157.88	180.34
2	FID	ACIS-S-6	7.35	6710	-0.009	-0.006	0.008	0.013	0.000000	0.000000	406.75	817.82
3	GUIDE	894312440	8.38	13418	-0.064	0.193	0.073	0.118	256.267206	-29.720309	1548.61	-1882.53
4	GUIDE	964697232	9.19	13421	-0.101	-0.185	0.102	0.173	254.697519	-30.172036	-1552.70	2240.28
5	GUIDE	894191616	9.48	13418	0.096	-0.162	0.110	0.175	254.985496	-29.335021	1589.79	2364.87
6	GUIDE	964691944	9.43	13417	0.078	0.065	0.106	0.163	255.940849	-30.671472	-2021.20	-1991.36
7	GUIDE	964690104	8.90	13420	-0.003	0.090	0.079	0.134	256.020184	-30.783001	-2325.63	-2350.97

2.4 Star Slots

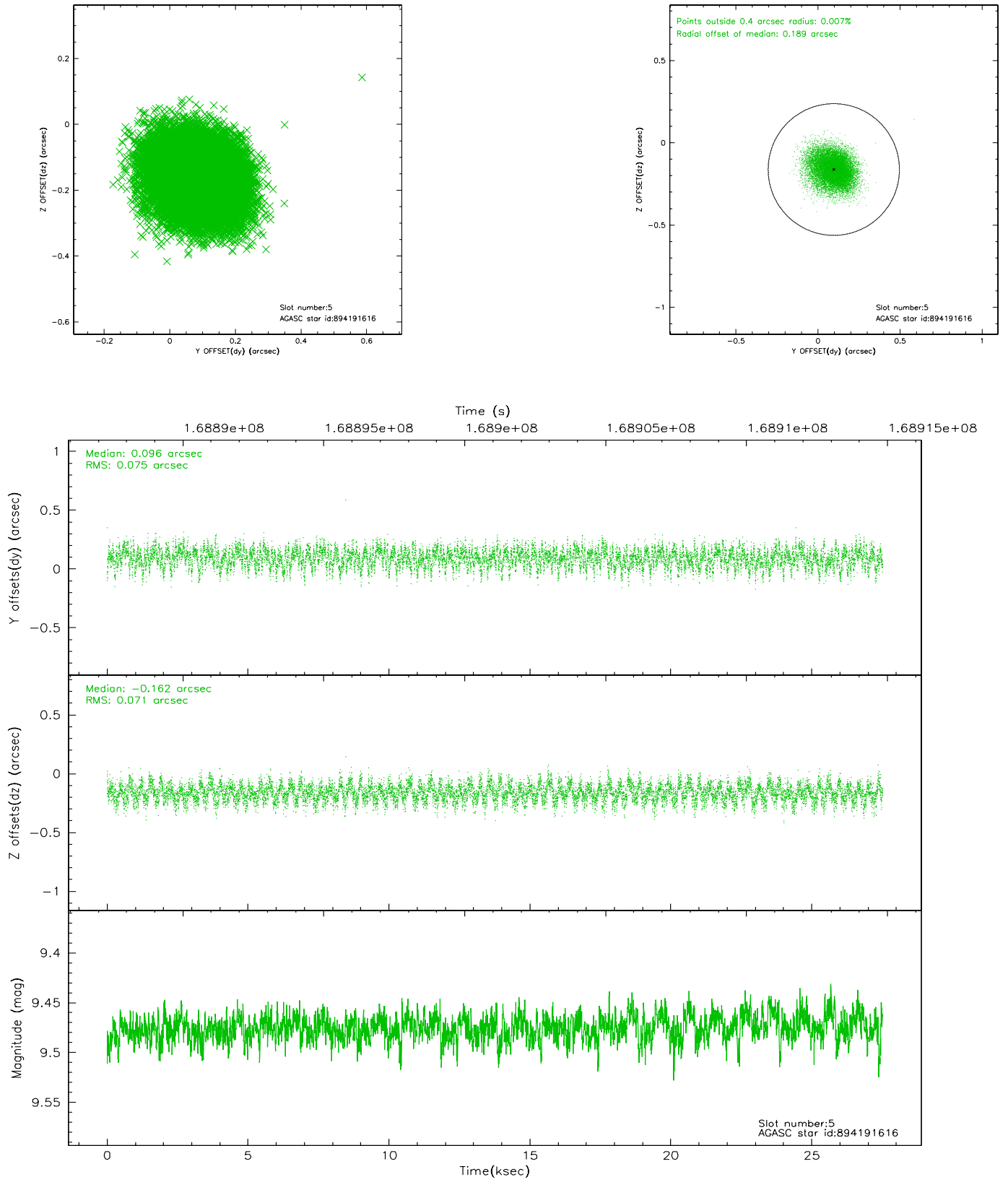
2.4.1 Slot 3



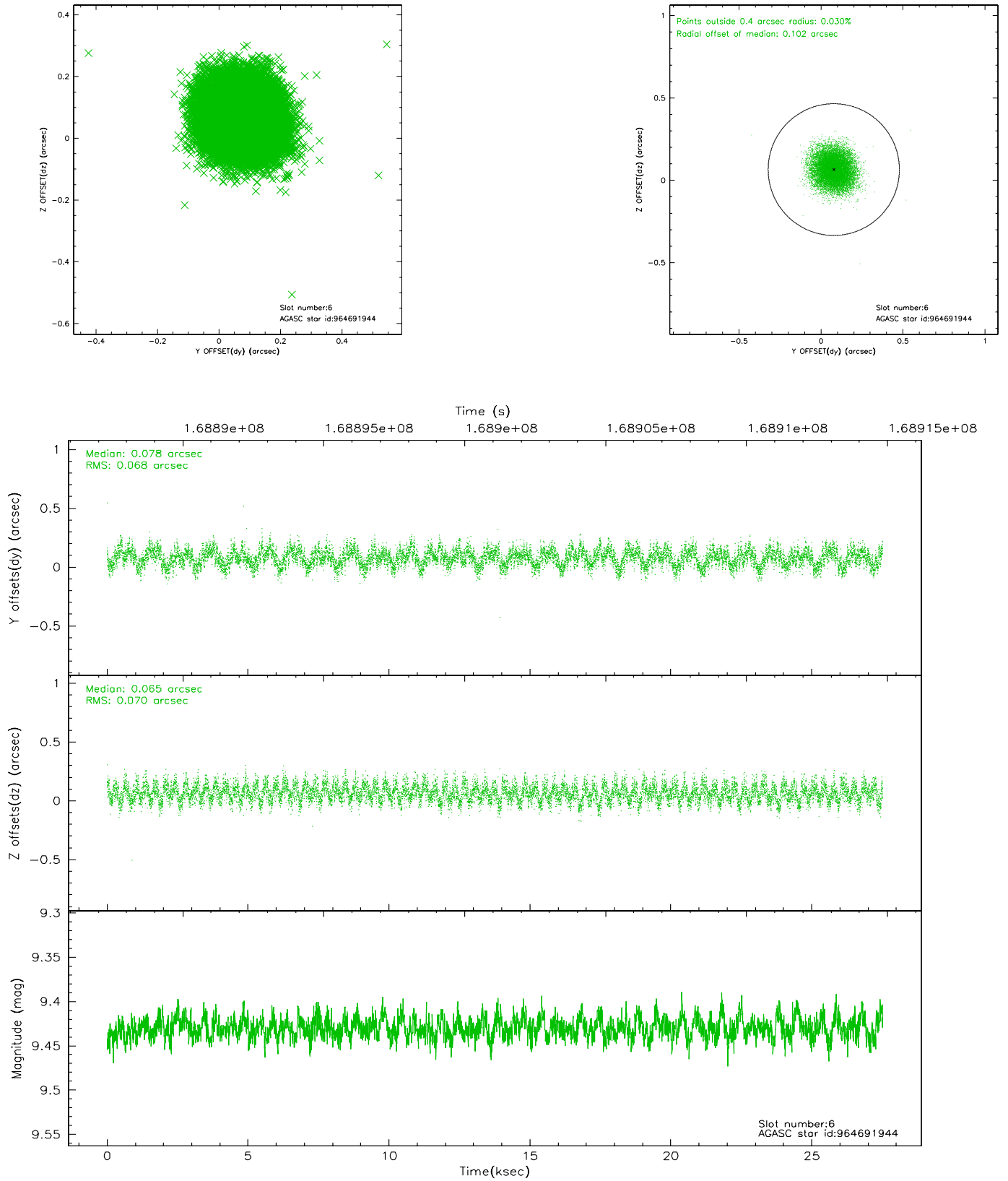
2.4.2 Slot 4



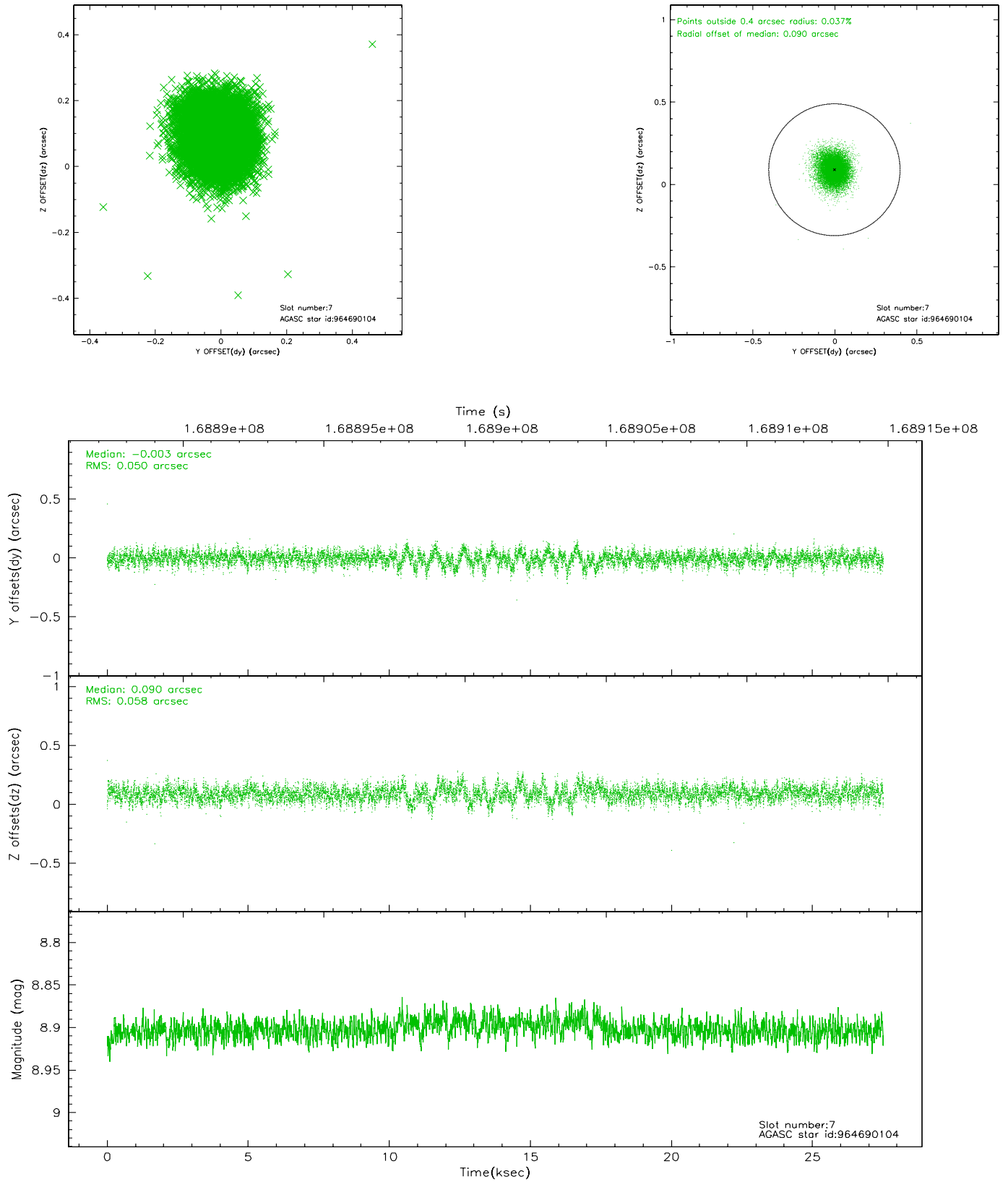
2.4.3 Slot 5



2.4.4 Slot 6

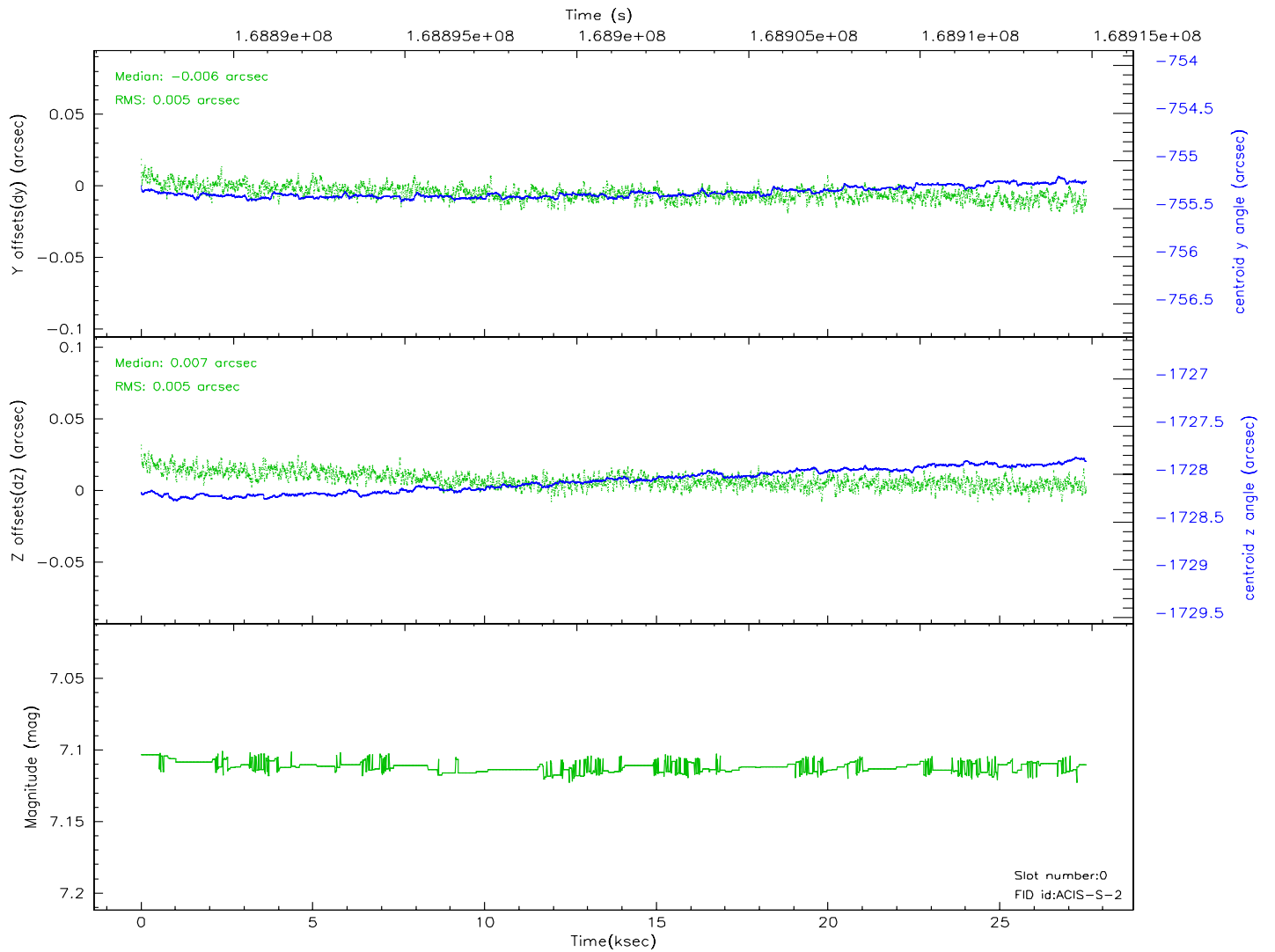
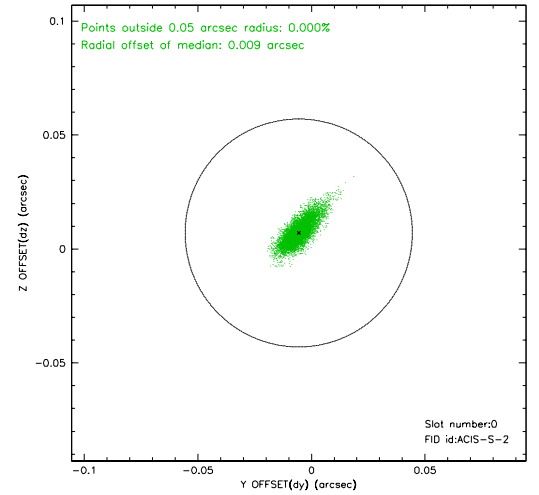
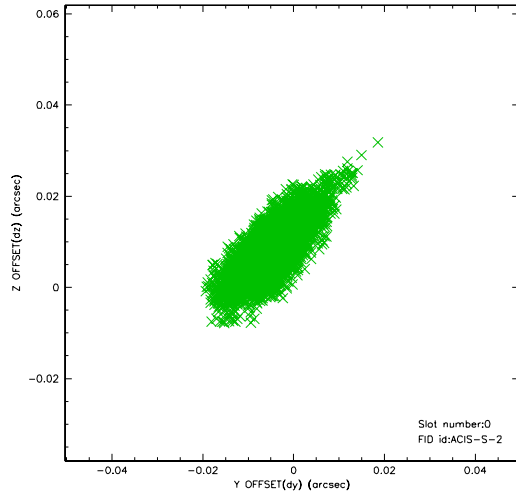


2.4.5 Slot 7

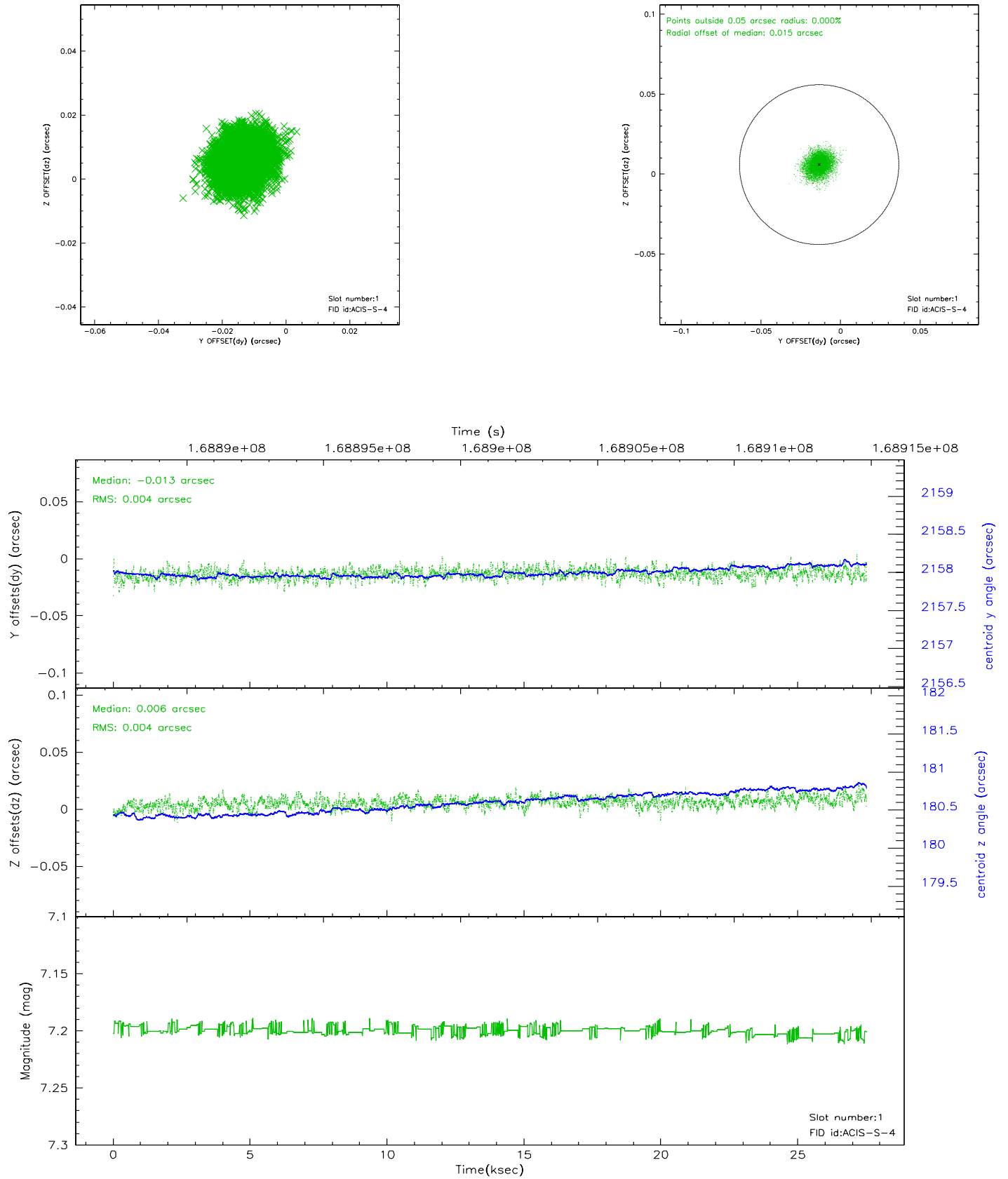


2.5 FID Slots

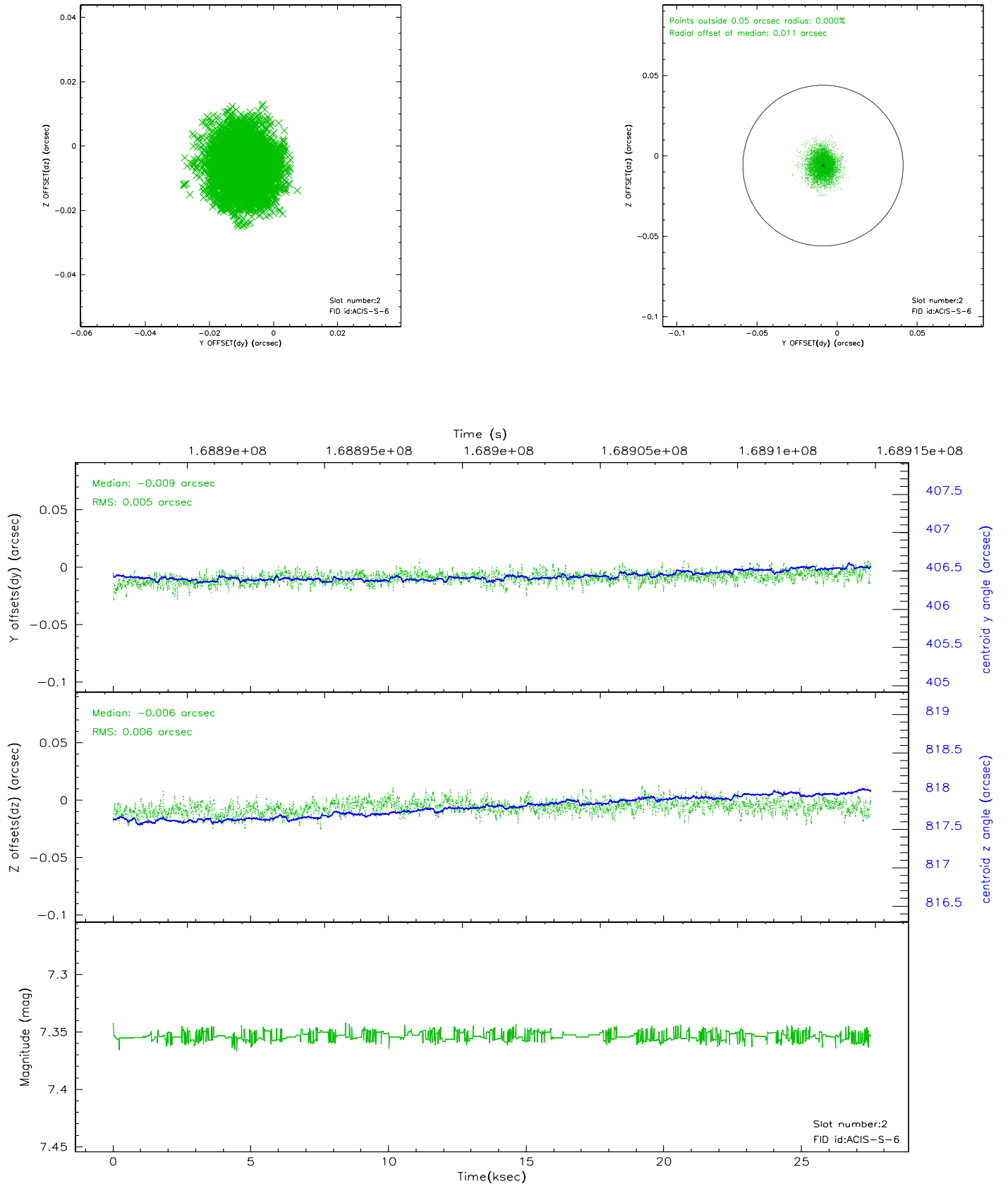
2.5.1 Slot 0



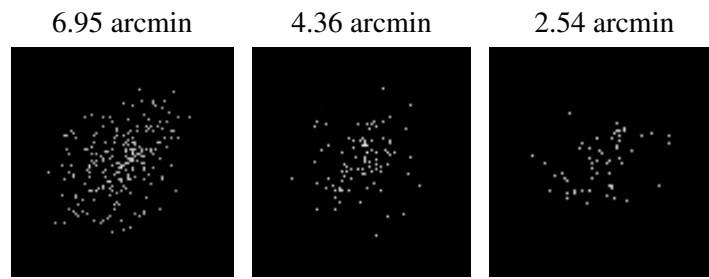
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.509

A.2 Comments

Monitor constraint met.