

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6197 - L2 Version 3
Chandra X-Ray Center

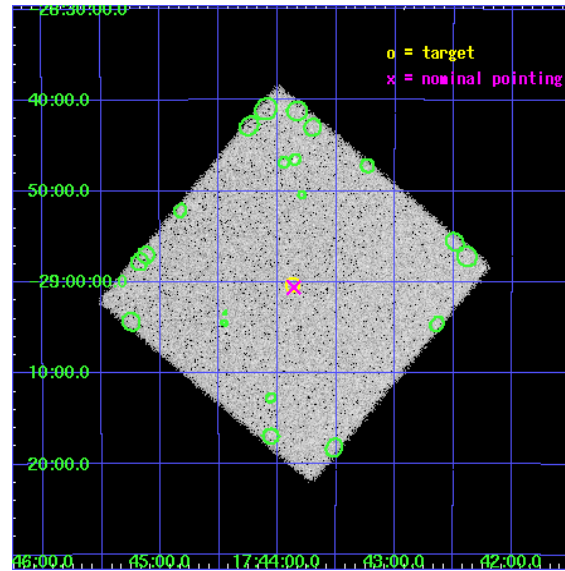
L2 Processing Date : Nov 24 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	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

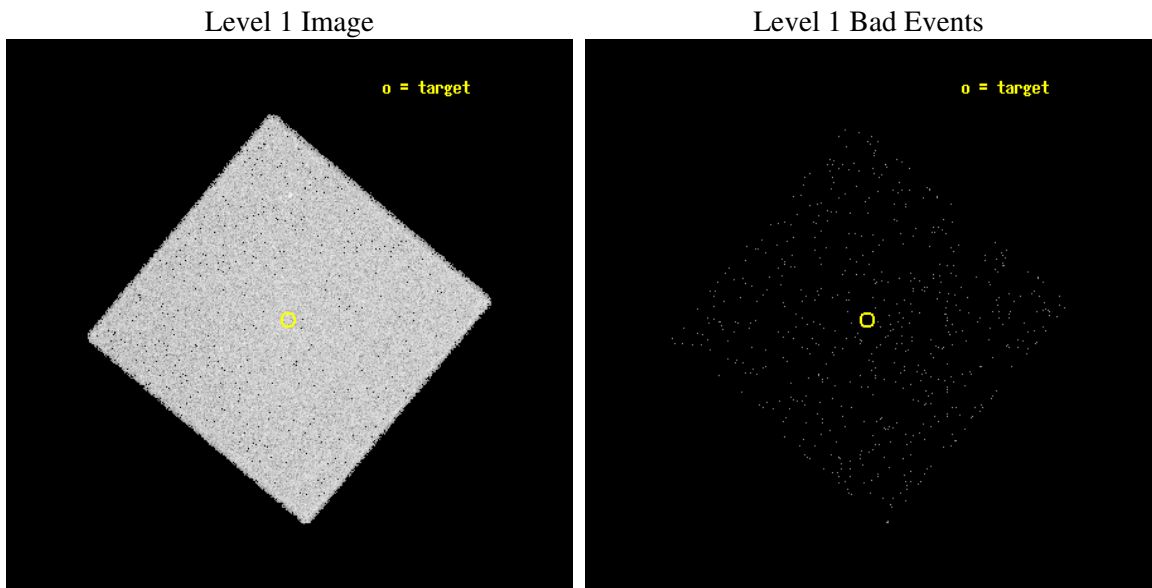
seq_num	400457
obs_id	6197
title	Monitoring observations of the Galactic Center region
observer	Dr. Rudy Wijnands
object	GC-8
ra_targ	265.967083
dec_targ	-29.006389
ra_nom	265.96512756468
dec_nom	-29.010124031339
roll_nom	264.9688766765
revision	3
ontime	4381.8752018809
livetime	4349.5151351756
l2events	175086



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-24T20:01:56
revision	3

sched_exp_time	4200.000000
ontime	4381.8752018809
l1events	280437

2.1.3 Events

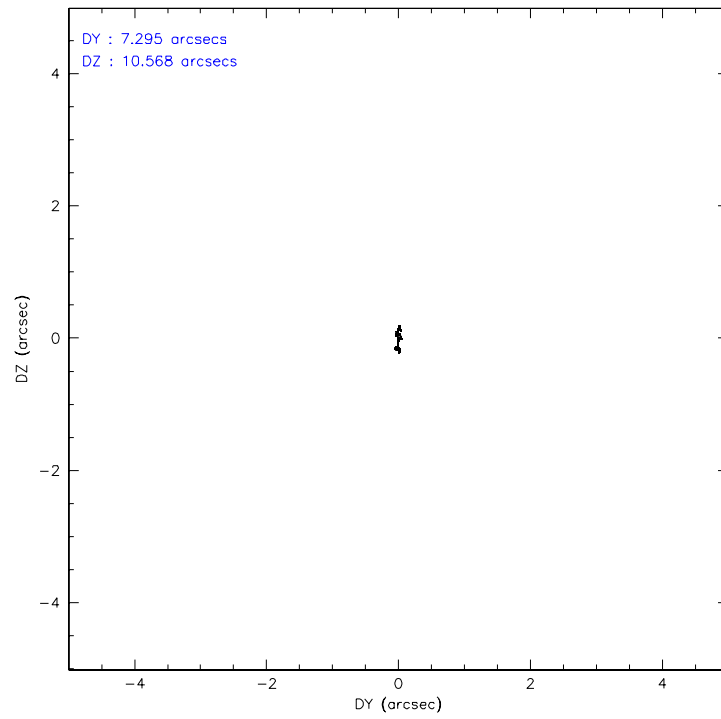
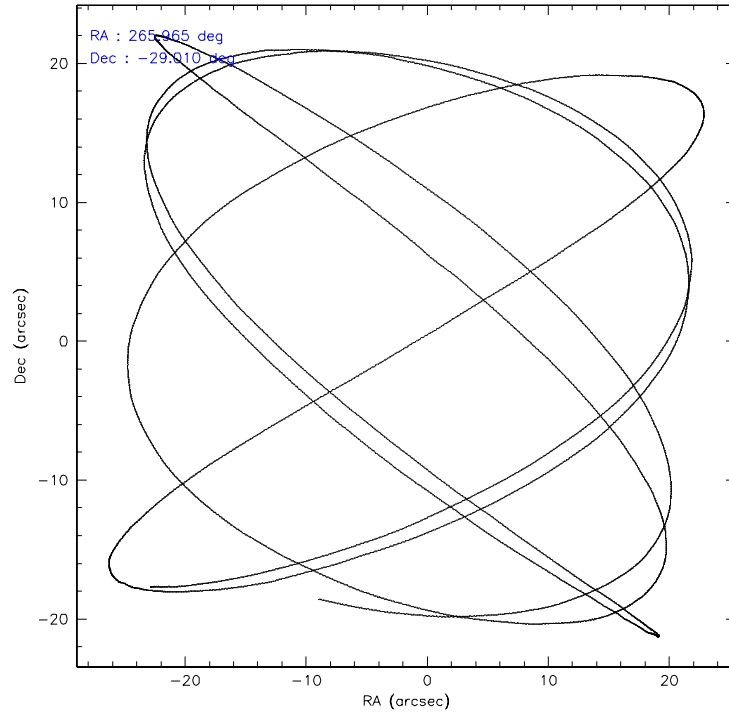
Level 1 Events

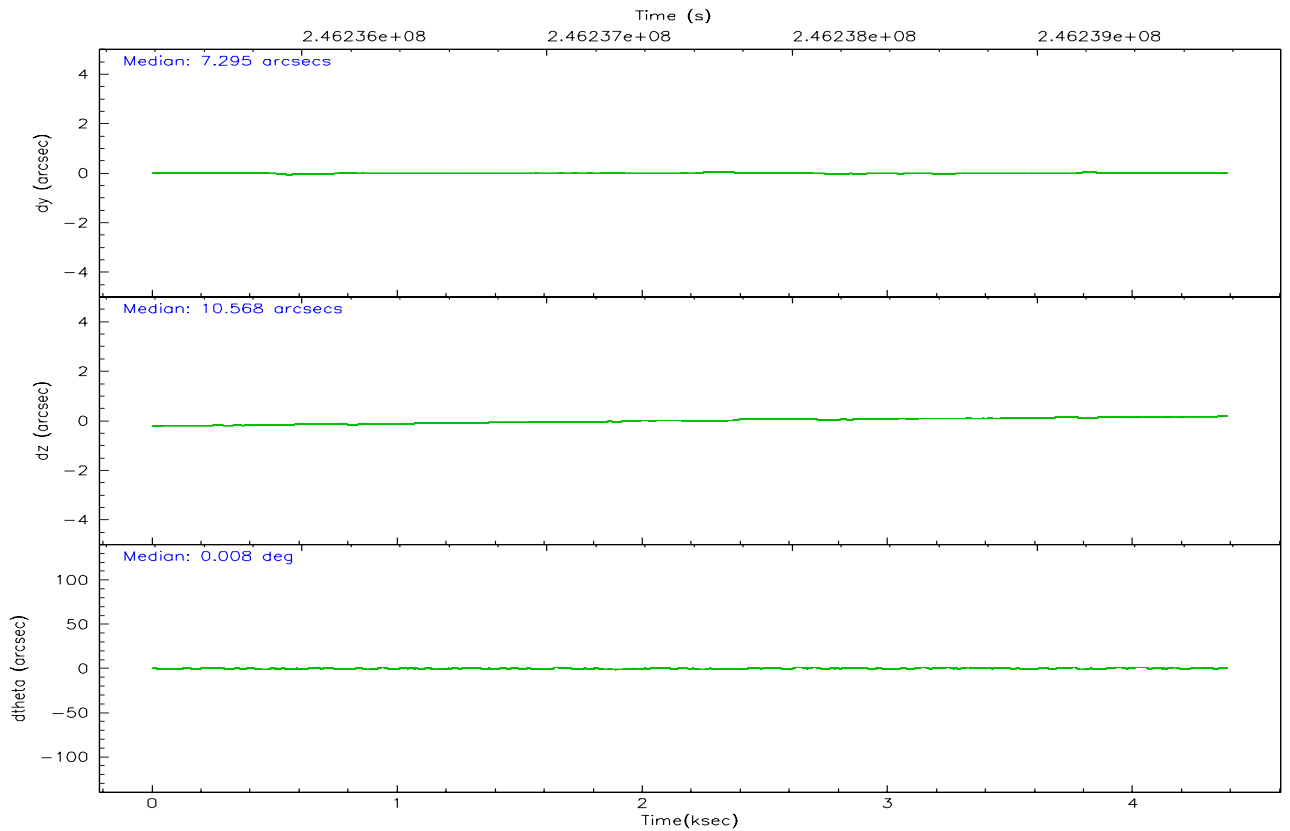
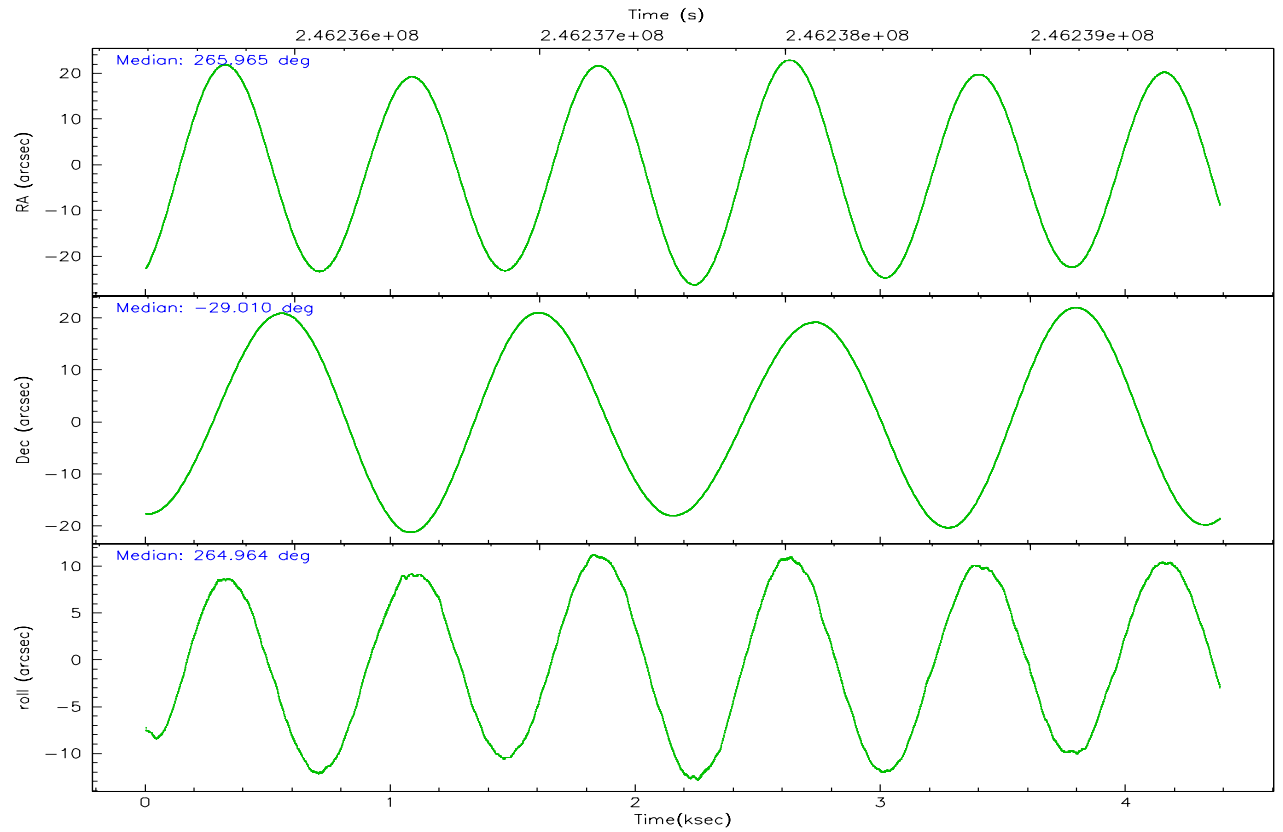
	segment 0
level 1 events	280437
rejected events	19461
rejected %	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	265.951137	265.965127564677			
Pointing Dec	-28.985780	-29.01012403133899			
Pointing Roll	265.057598	264.9688766764974			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	246235578.184000	246235202.10333			
Observation start date	2005-10-20T22:45:14	2005-10-20T22:40:02			
Observation end time	246239778.184000	246239911.97854			
Observation end date	2005-10-20T23:55:14	2005-10-20T23:58:31			

2.3 Aspect



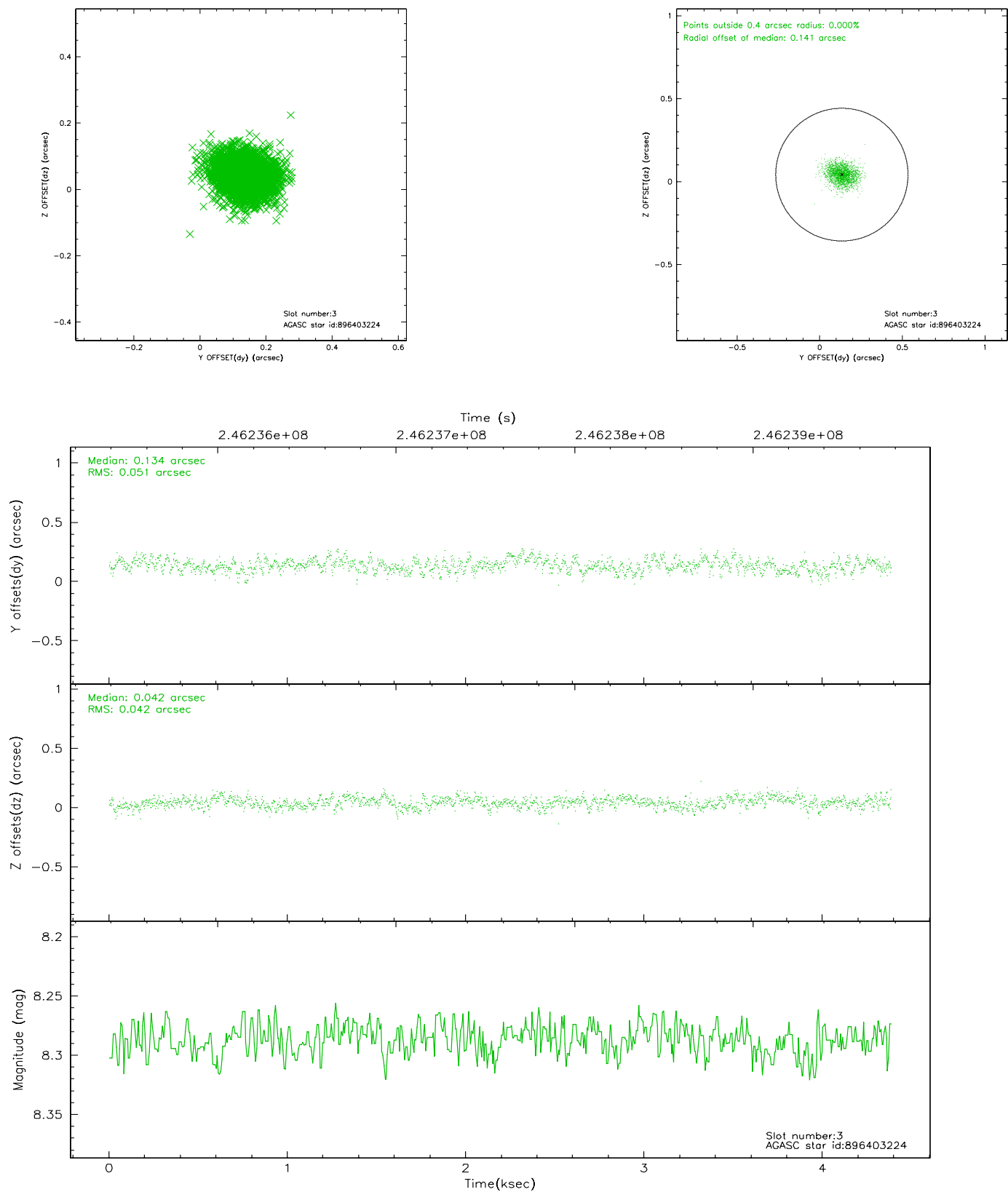


Slot Statistics

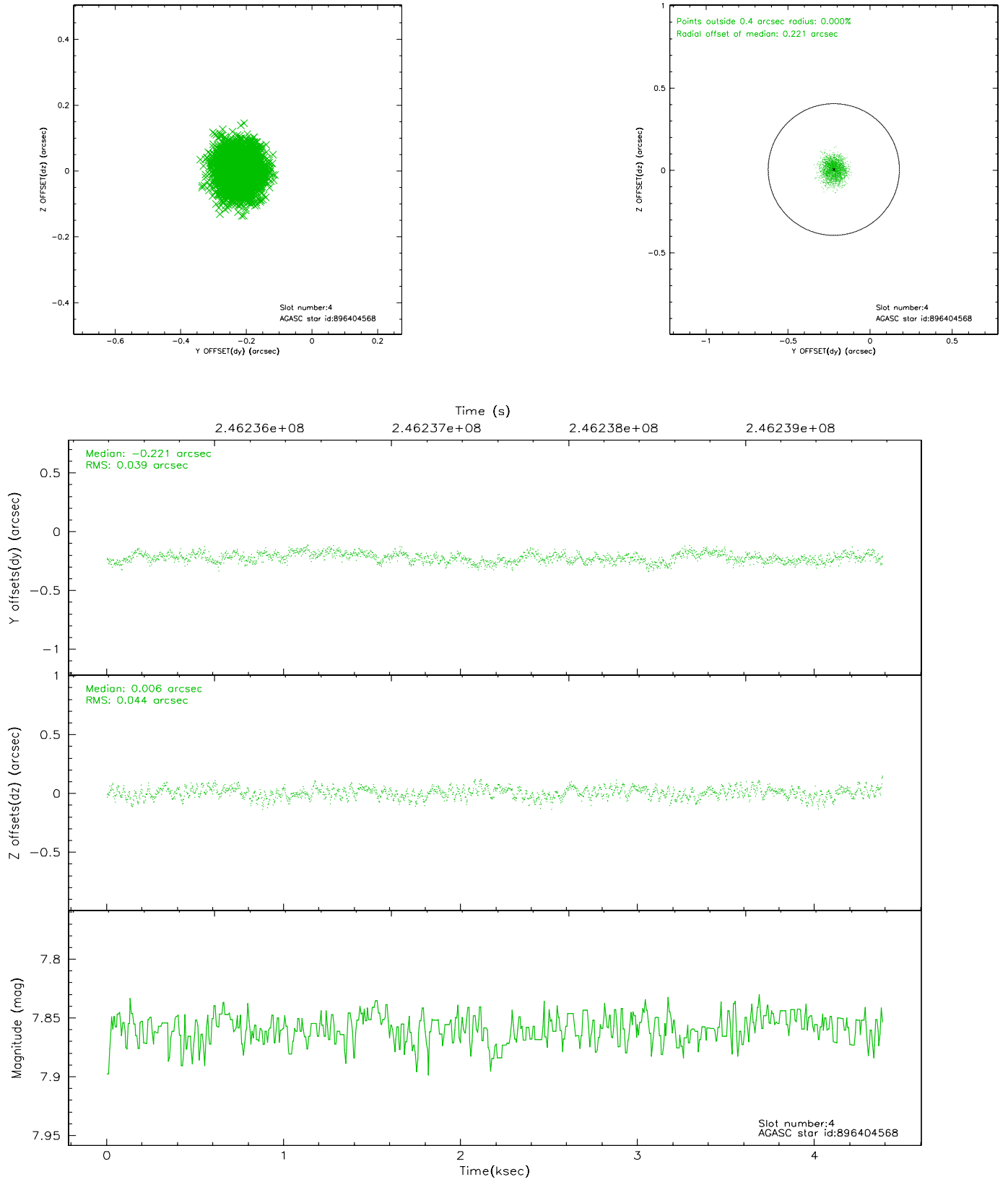
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1069	-0.024	0.009	0.007	0.012	0.000000	0.000000	-762.90	-1298.51
1	FID	HRC-I-2	7.04	1069	0.119	-0.057	0.006	0.010	0.000000	0.000000	849.16	-1301.35
2	FID	HRC-I-3	7.08	1070	0.024	-0.042	0.007	0.013	0.000000	0.000000	-1190.56	1004.78
3	GUIDE	896403224	8.29	2139	0.134	0.042	0.071	0.113	265.612825	-29.438915	1718.61	-916.56
4	GUIDE	896404568	7.86	2139	-0.221	0.006	0.064	0.098	265.687293	-28.431080	-1915.82	-1005.47
5	GUIDE	896534664	8.19	2139	0.042	0.091	0.071	0.123	266.405570	-28.407461	-2196.29	1253.28
6	GUIDE	896405480	8.28	2139	0.151	-0.077	0.078	0.130	265.220460	-29.599691	2405.51	-2087.77
7	GUIDE	896533888	7.02	2138	-0.101	-0.066	0.070	0.110	266.666434	-29.392757	1274.21	2360.45

2.4 Star Slots

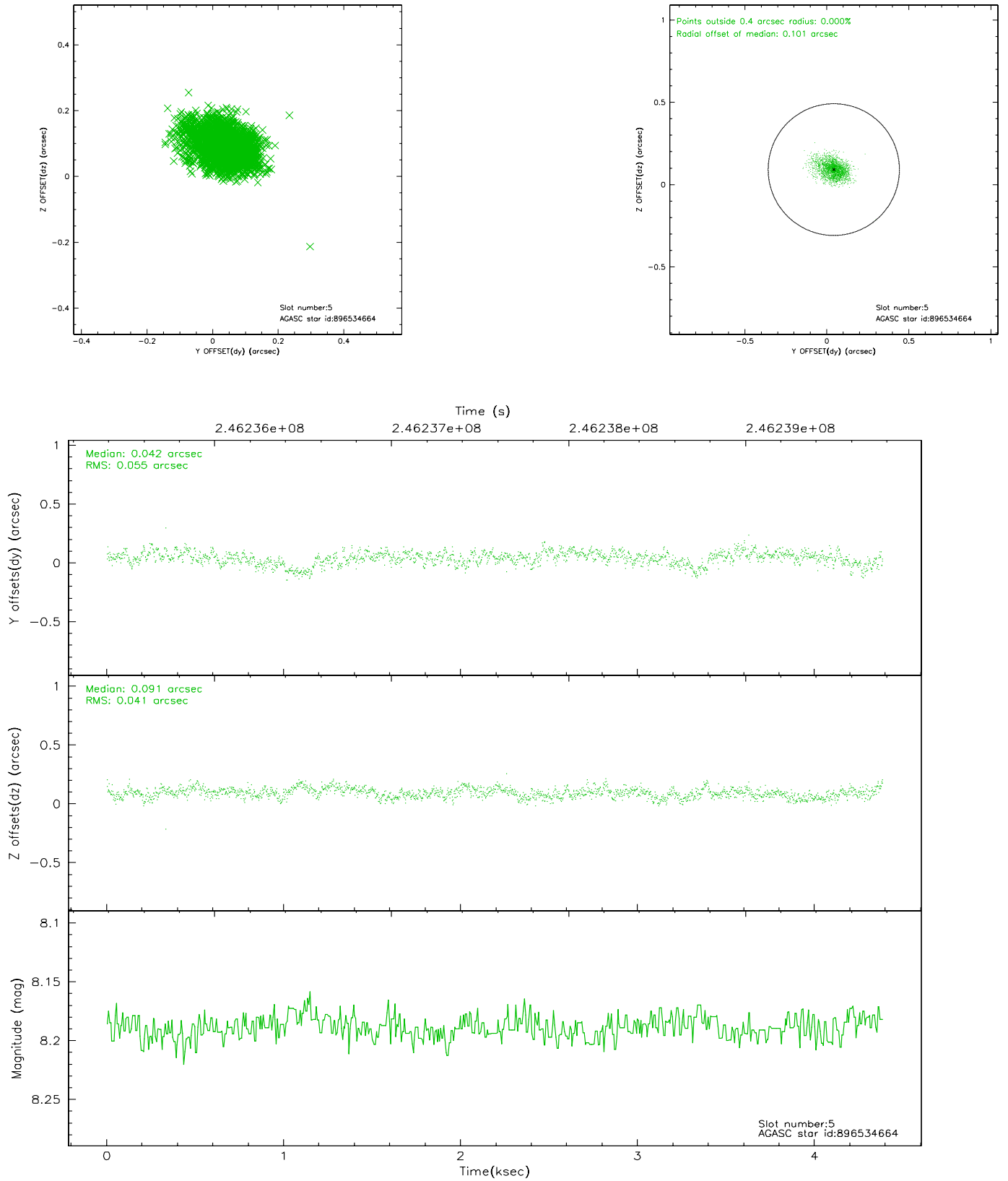
2.4.1 Slot 3



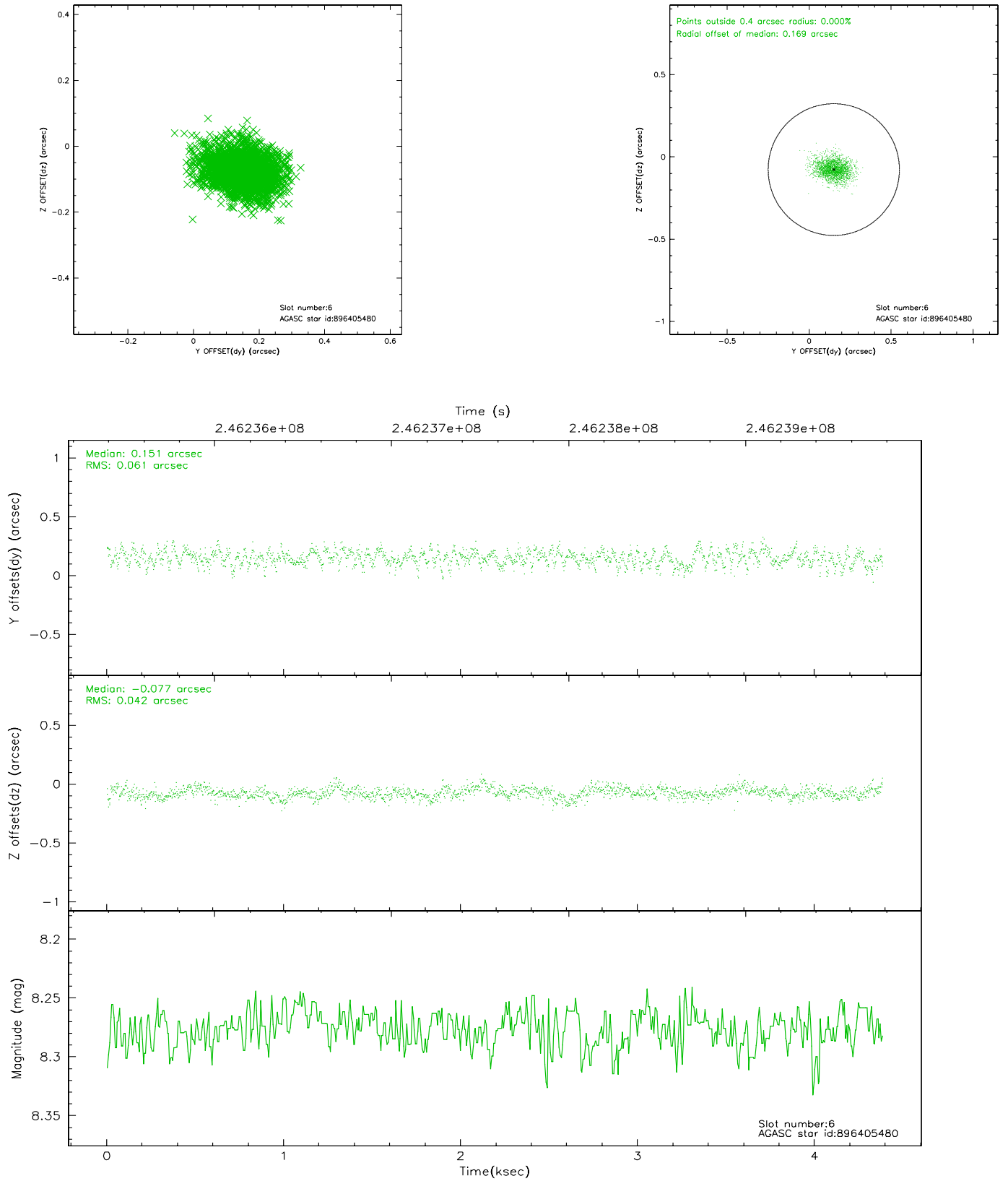
2.4.2 Slot 4



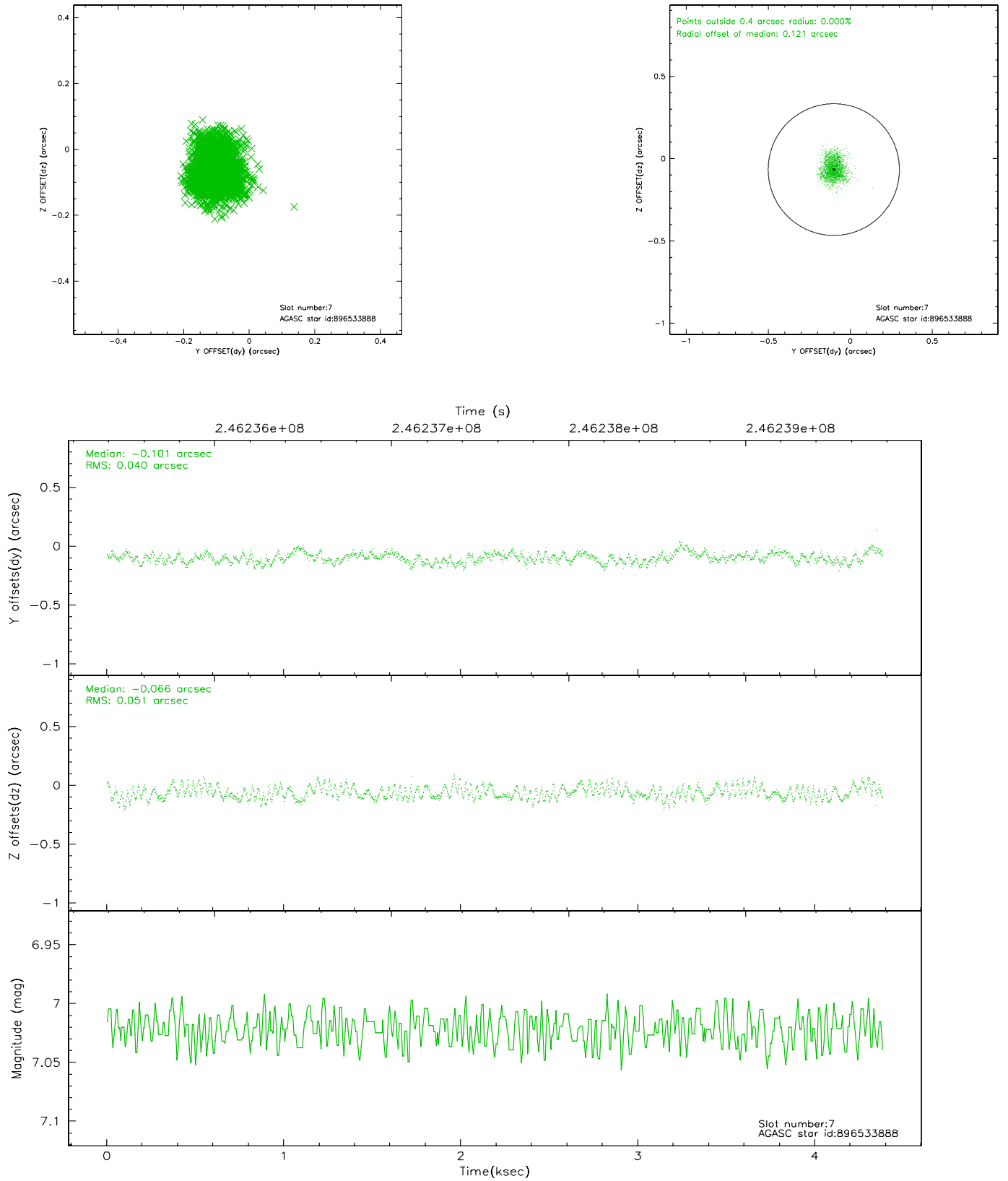
2.4.3 Slot 5



2.4.4 Slot 6

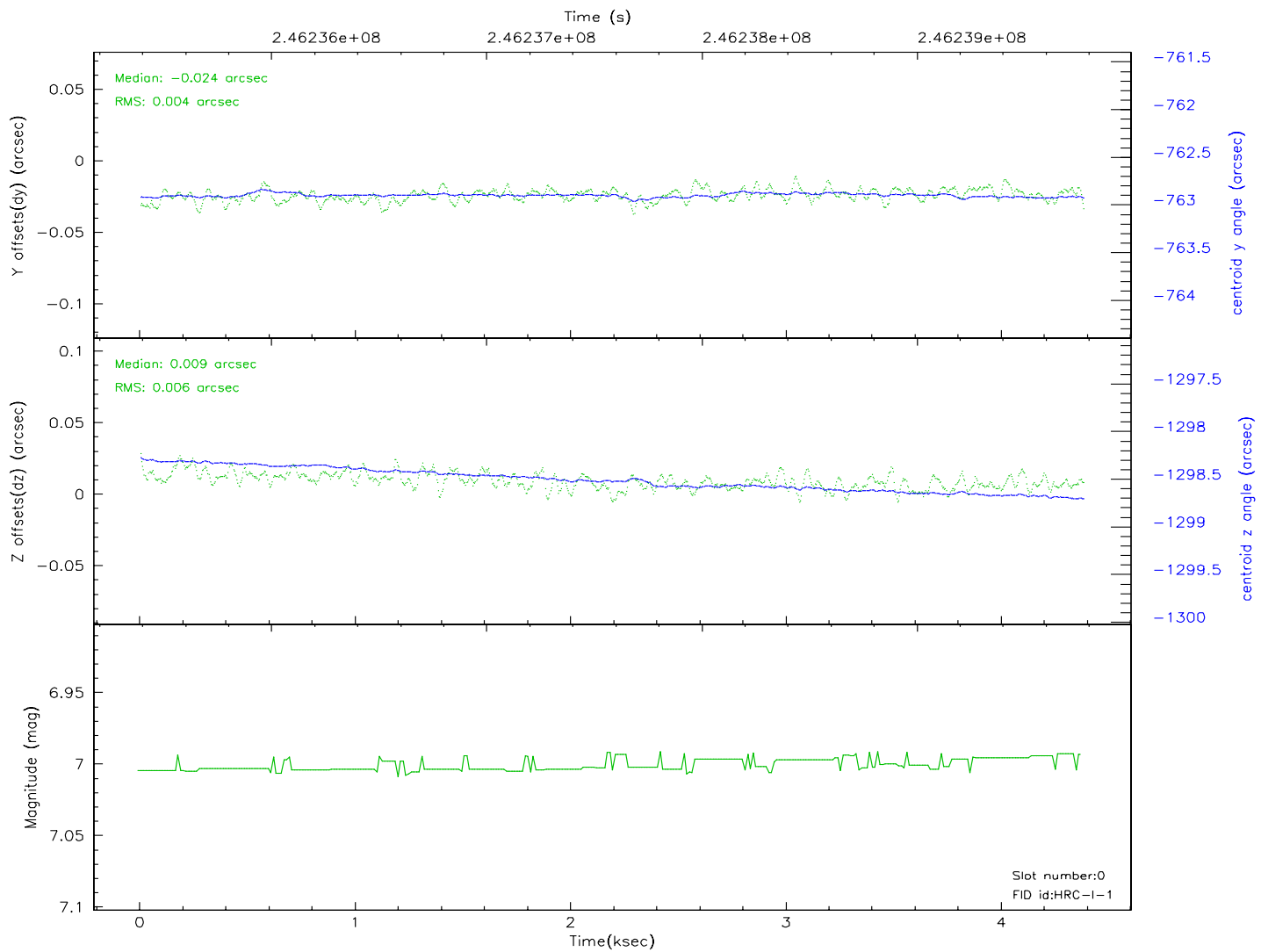
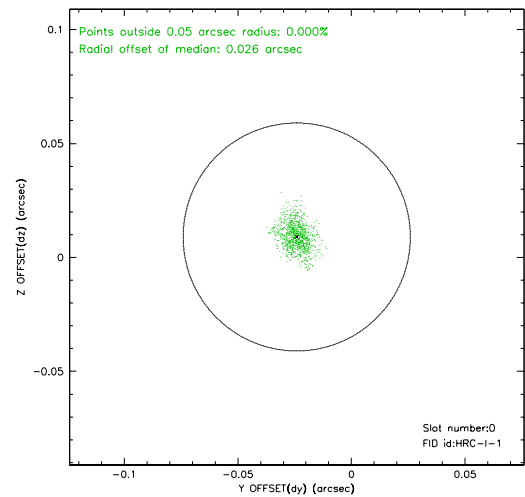
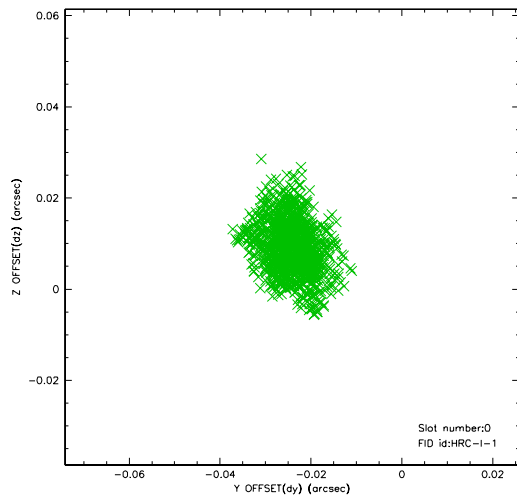


2.4.5 Slot 7

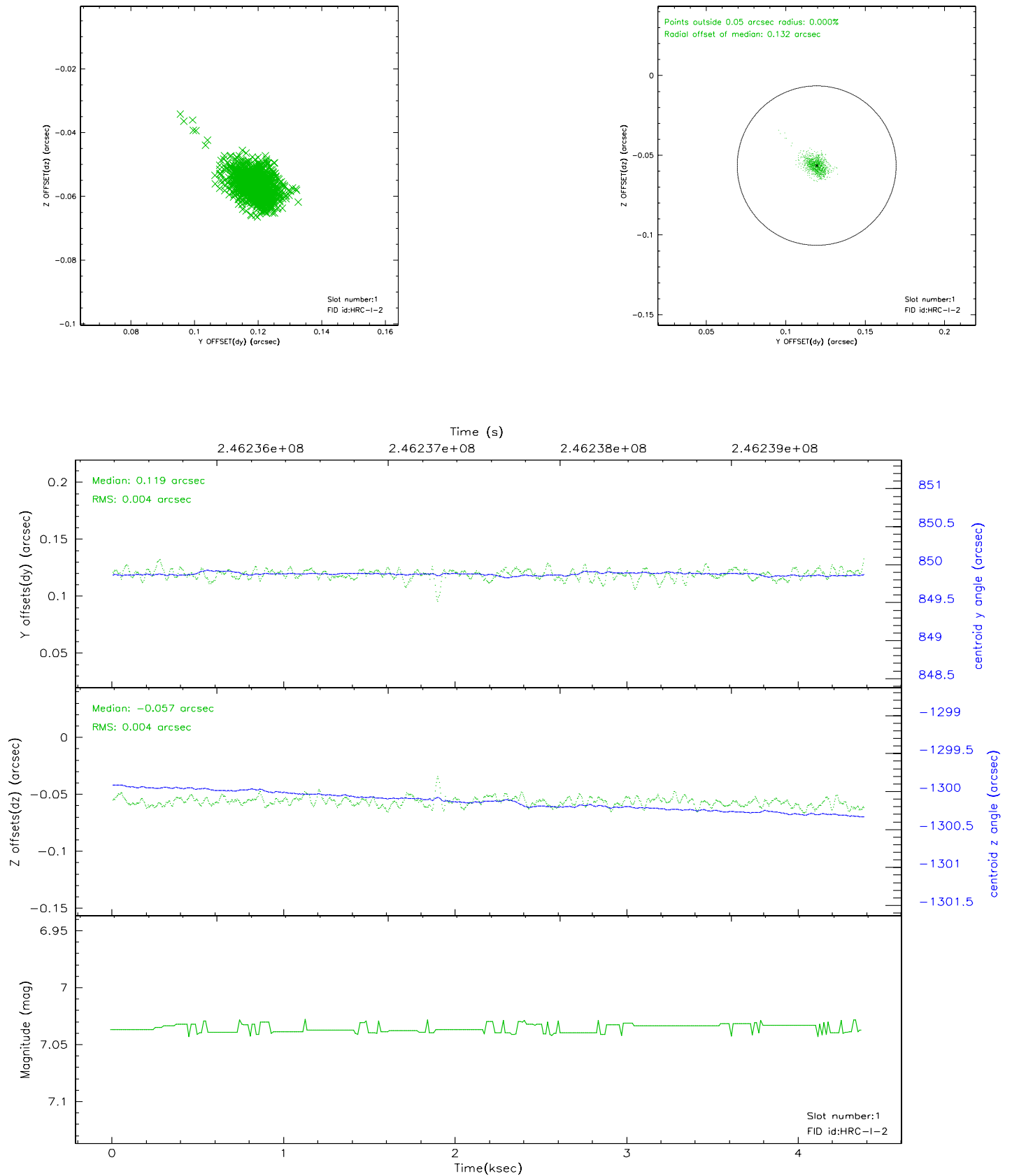


2.5 FID Slots

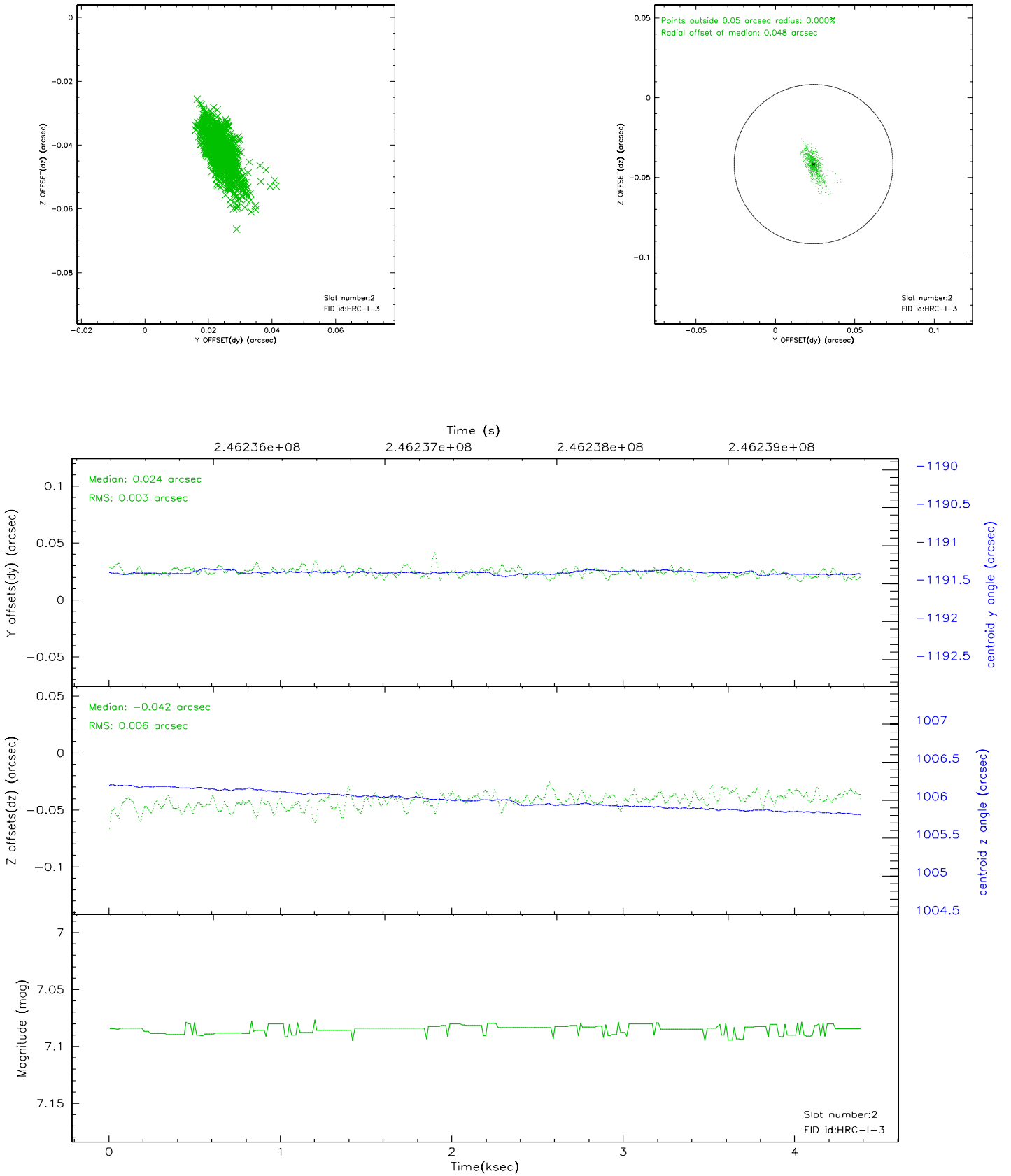
2.5.1 Slot 0



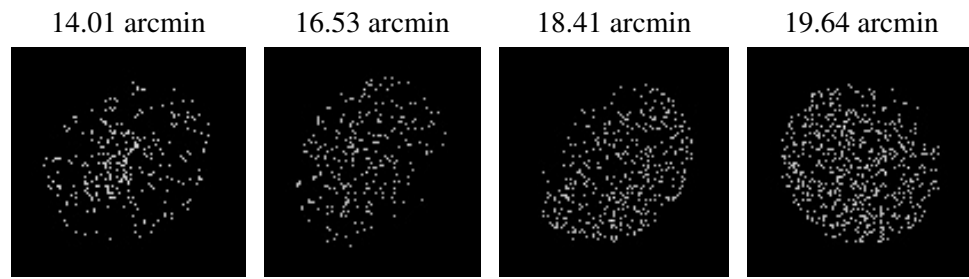
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.381875

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.