

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5098 - L2 Version 001
Chandra X-Ray Center

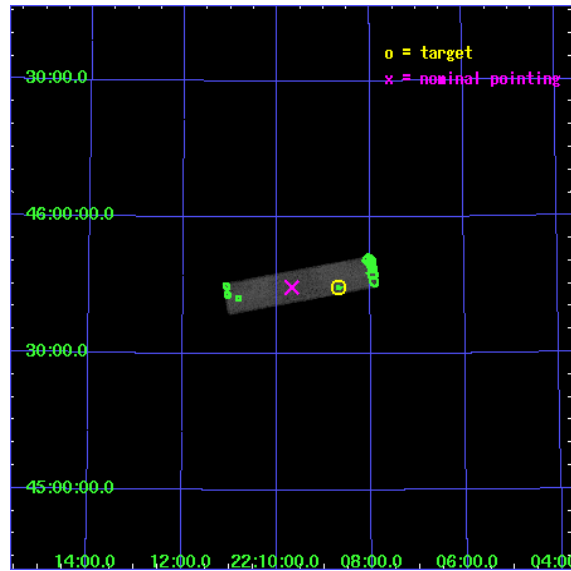
L2 Processing Date : Jun 4 2006

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

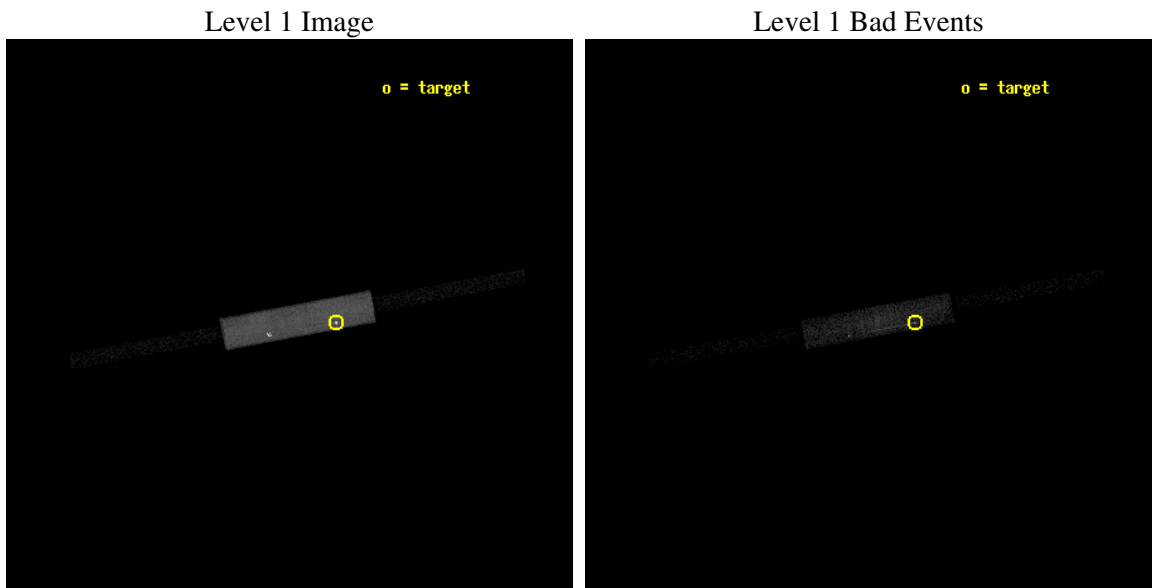
seq_num	290371
obs_id	5098
title	AO5A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.42001594562
dec_nom	45.744043890028
roll_nom	349.43796057707
revision	2
ontime	1088.8062976003
livetime	1079.0243588161
l2events	55561



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T19:40:02
revision	2

sched_exp_time	946.000000
ontime	1126.4750492275
l1events	98176

2.1.3 Events

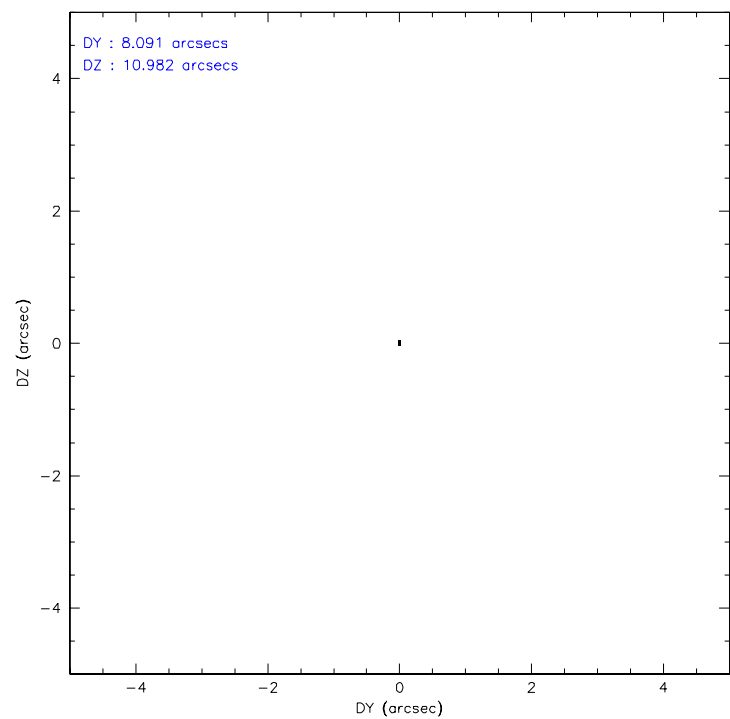
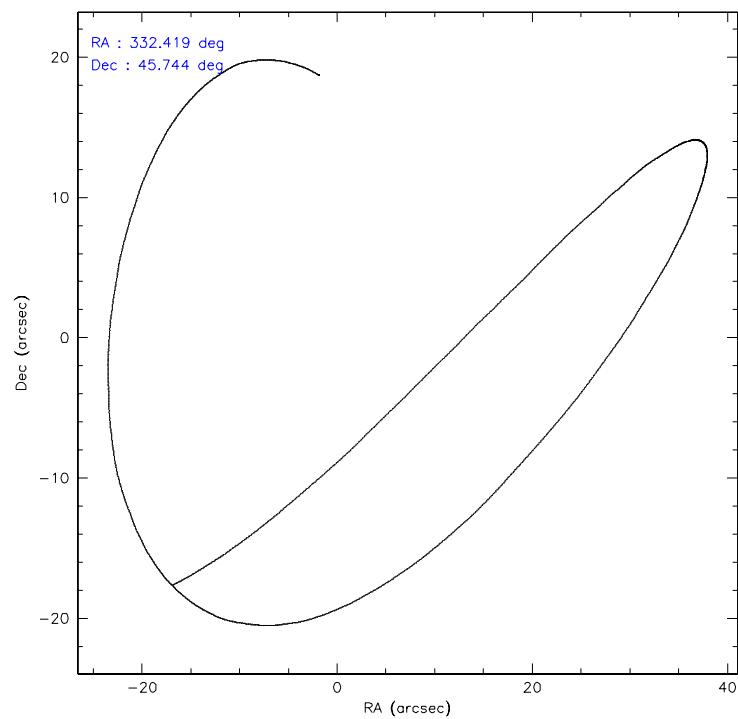
Level 1 Events

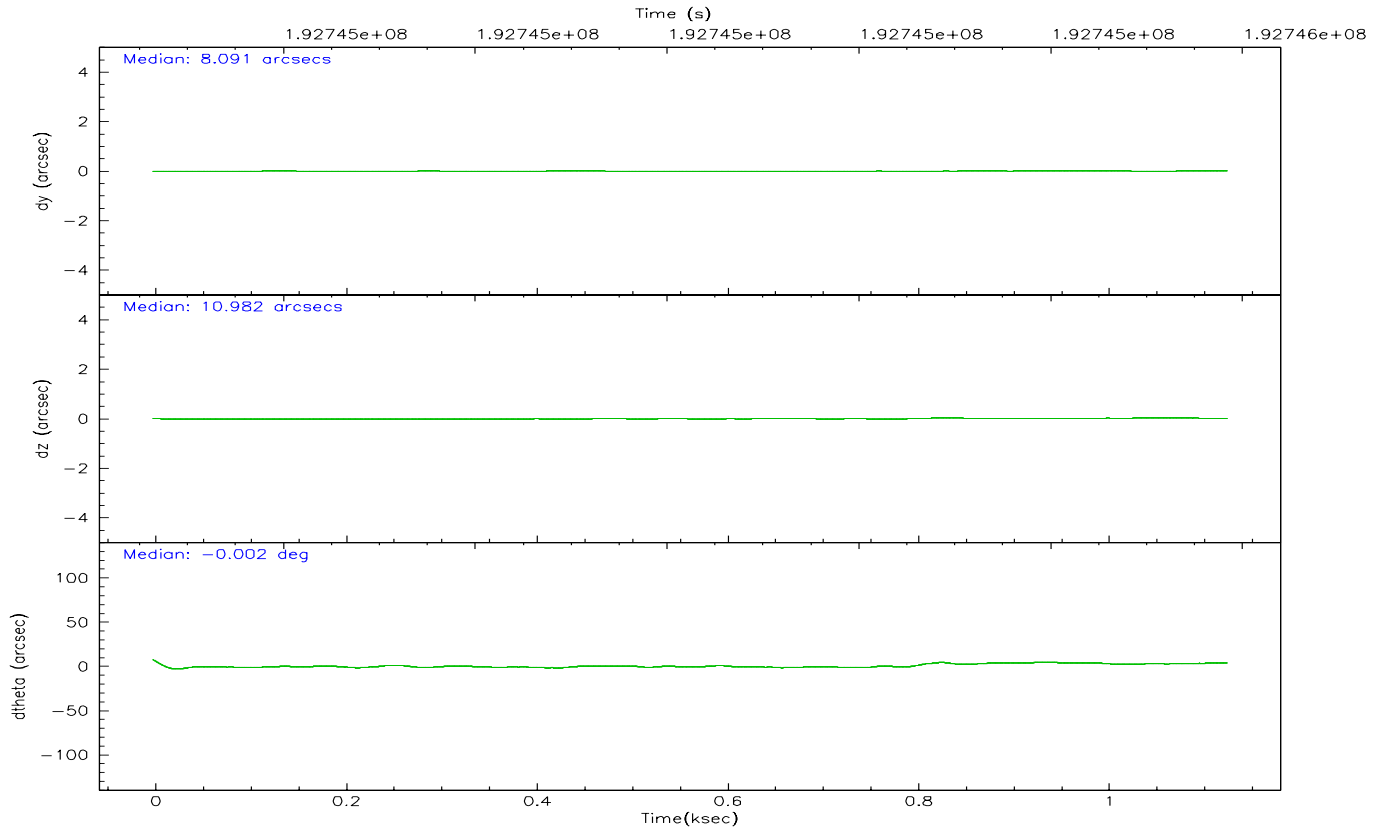
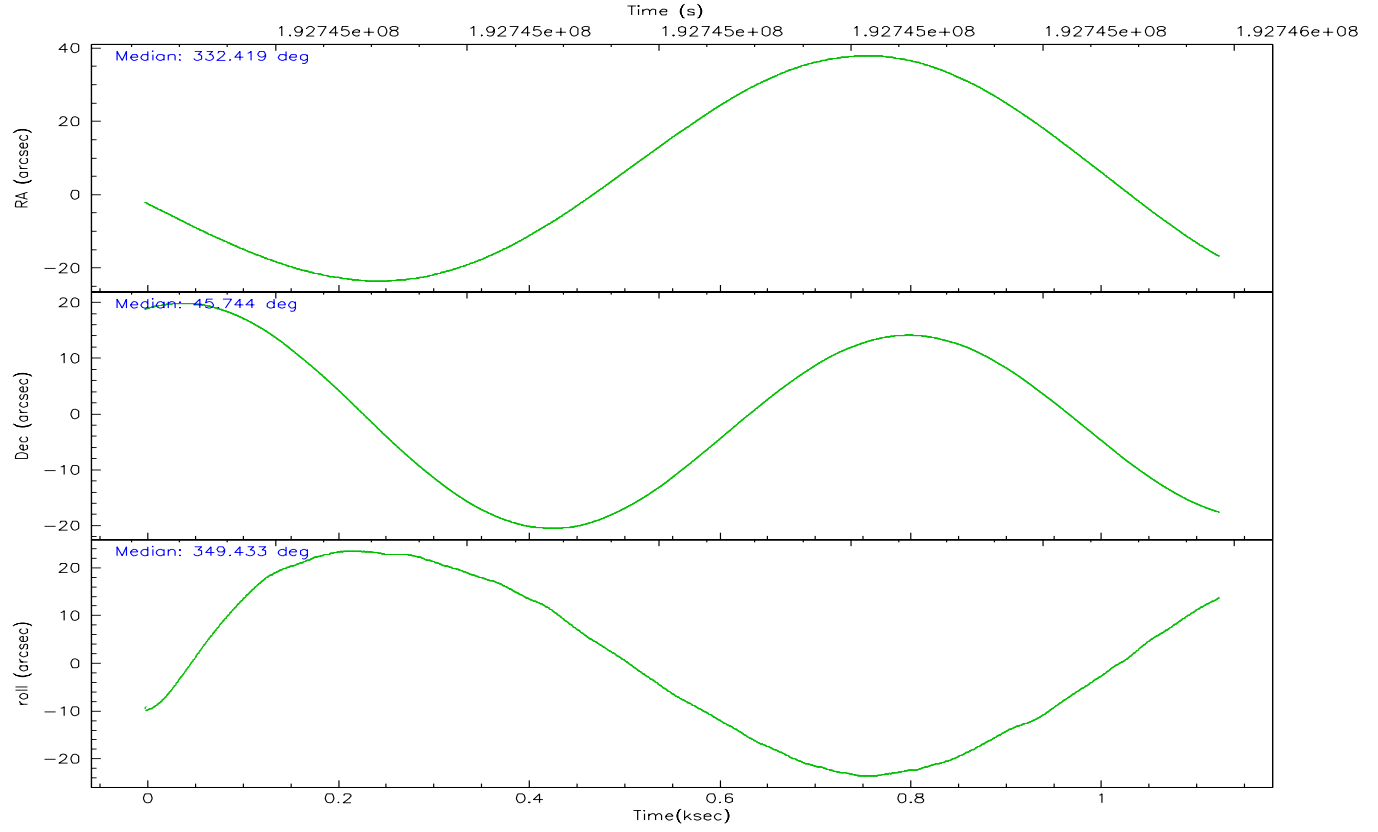
	segment 1	segment 2	segment 3
level 1 events	2984	92502	2690
rejected events	2984	30168	2690
rejected %	100%	32%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.382177	332.4200159456162			
Pointing Dec	45.732761	45.74404389002799			
Pointing Roll	349.397785	349.4379605770652			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	192744641.184000	192744264.74808			
Observation start date	2004-02-09T20:09:37	2004-02-09T20:04:24			
Observation end time	192745587.184000	192745721.27315			
Observation end date	2004-02-09T20:25:23	2004-02-09T20:28:41			

2.3 Aspect



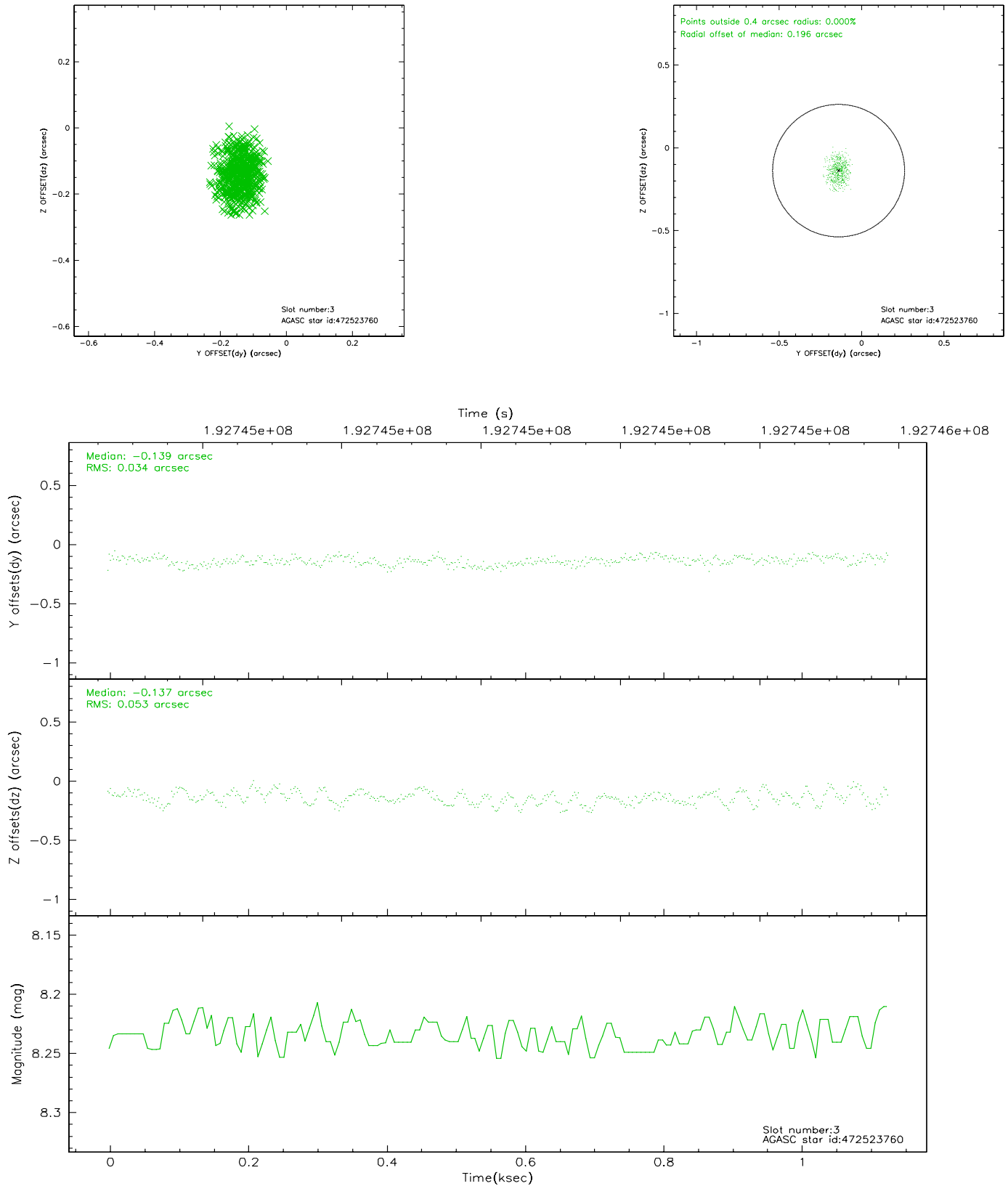


Slot Statistics

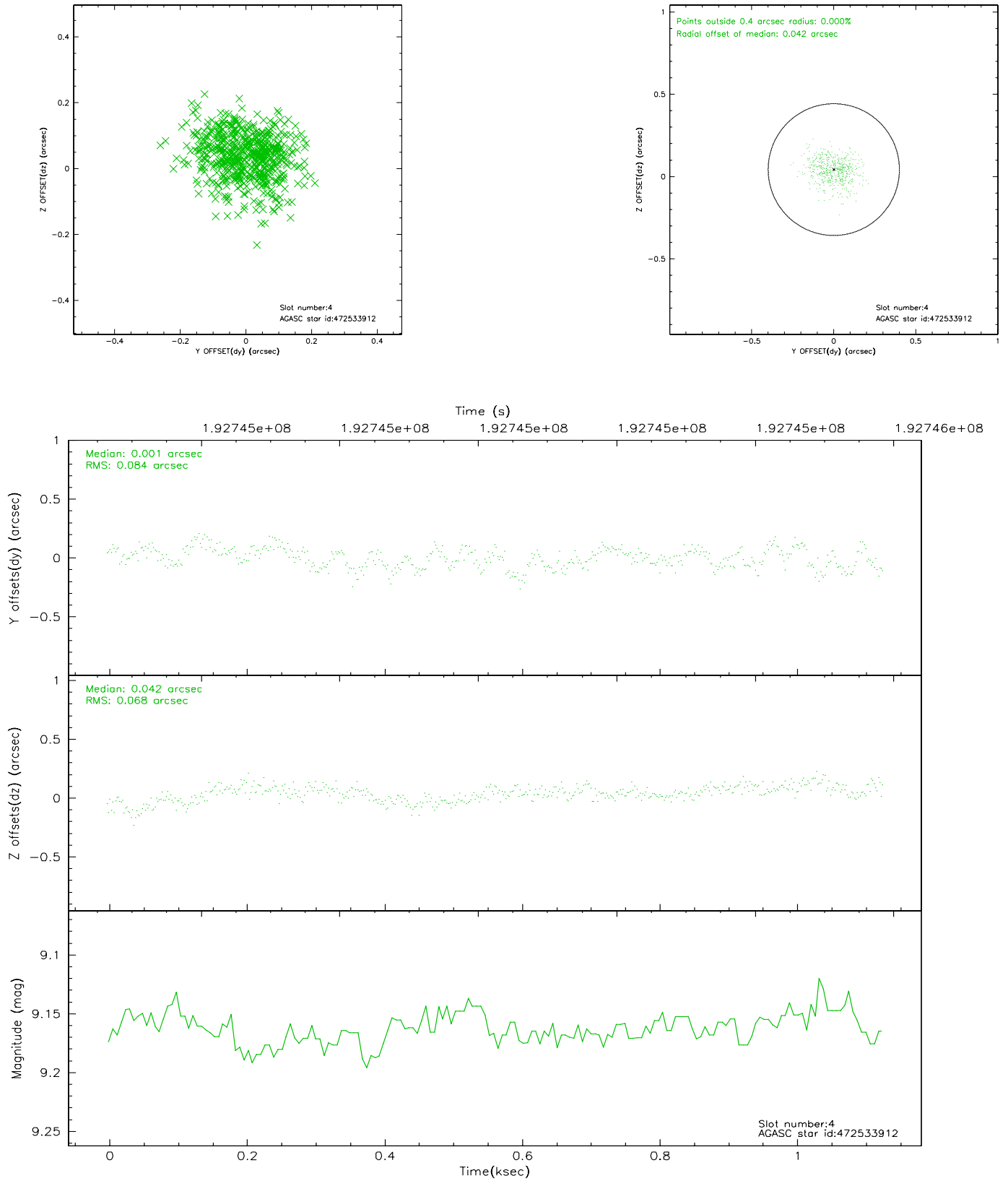
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.02	275	0.124	-0.150	0.020	0.049	0.000000	0.000000	1237.40	-452.36
1	FID	HRC-S-3	7.04	276	0.088	-0.103	0.008	0.013	0.000000	0.000000	-1160.53	568.28
2	FID	HRC-S-4	7.00	275	0.193	-0.041	0.021	0.053	0.000000	0.000000	1231.85	574.53
3	GUIDE	472523760	8.23	551	-0.139	-0.137	0.070	0.109	331.645363	45.403260	-1613.35	-1501.88
4	GUIDE	472533912	9.16	551	0.001	0.042	0.114	0.187	331.791136	46.368695	-1867.92	1981.36
5	GUIDE	472659832	9.46	551	0.019	0.040	0.097	0.151	332.780399	46.098139	731.77	1480.62
6	GUIDE	472660976	8.61	551	0.137	0.162	0.064	0.107	333.433329	46.196713	2266.07	2142.51
7	GUIDE	472654568	9.44	549	-0.014	-0.079	0.113	0.187	332.194449	45.063576	-21.14	-2452.78

2.4 Star Slots

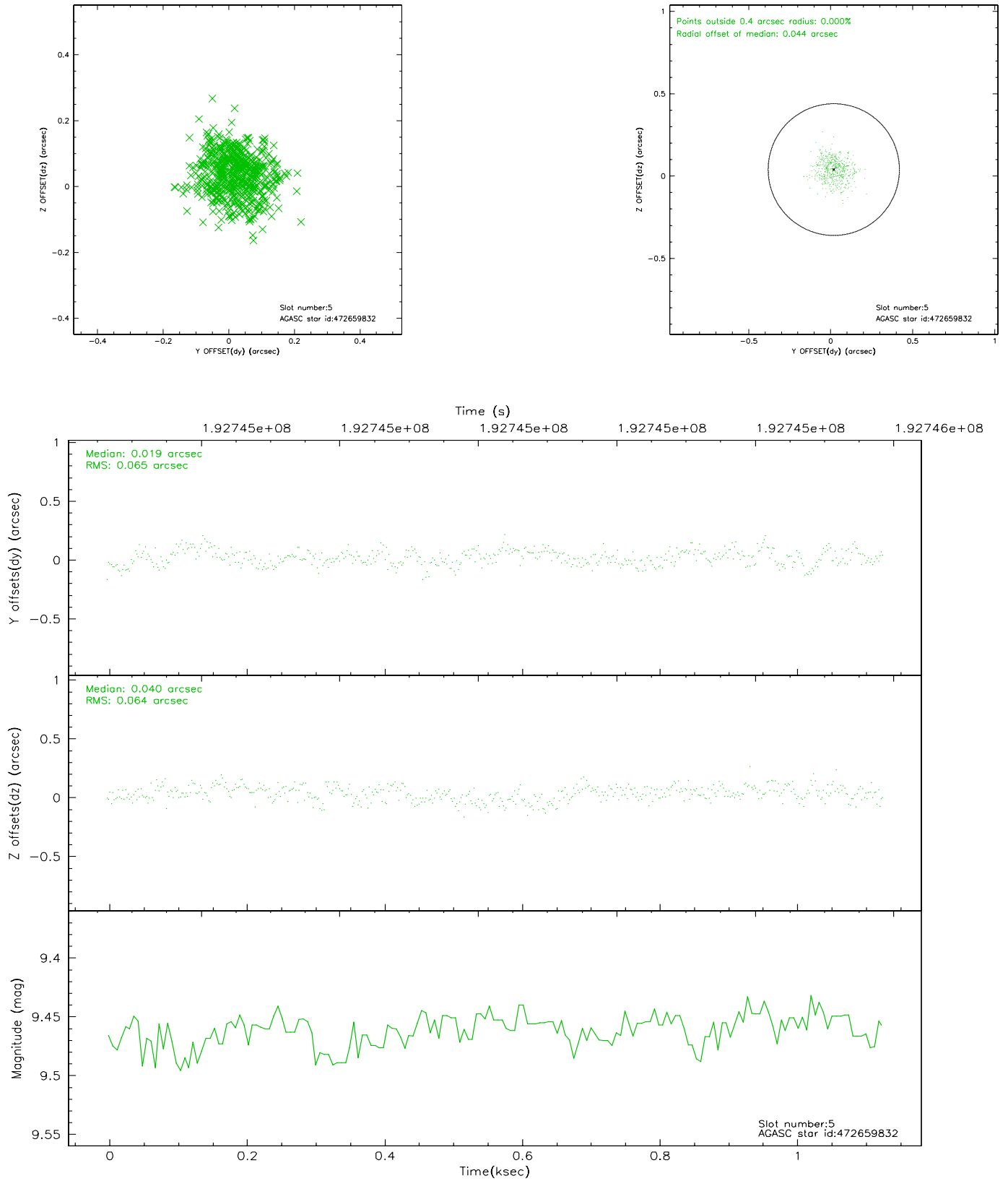
2.4.1 Slot 3



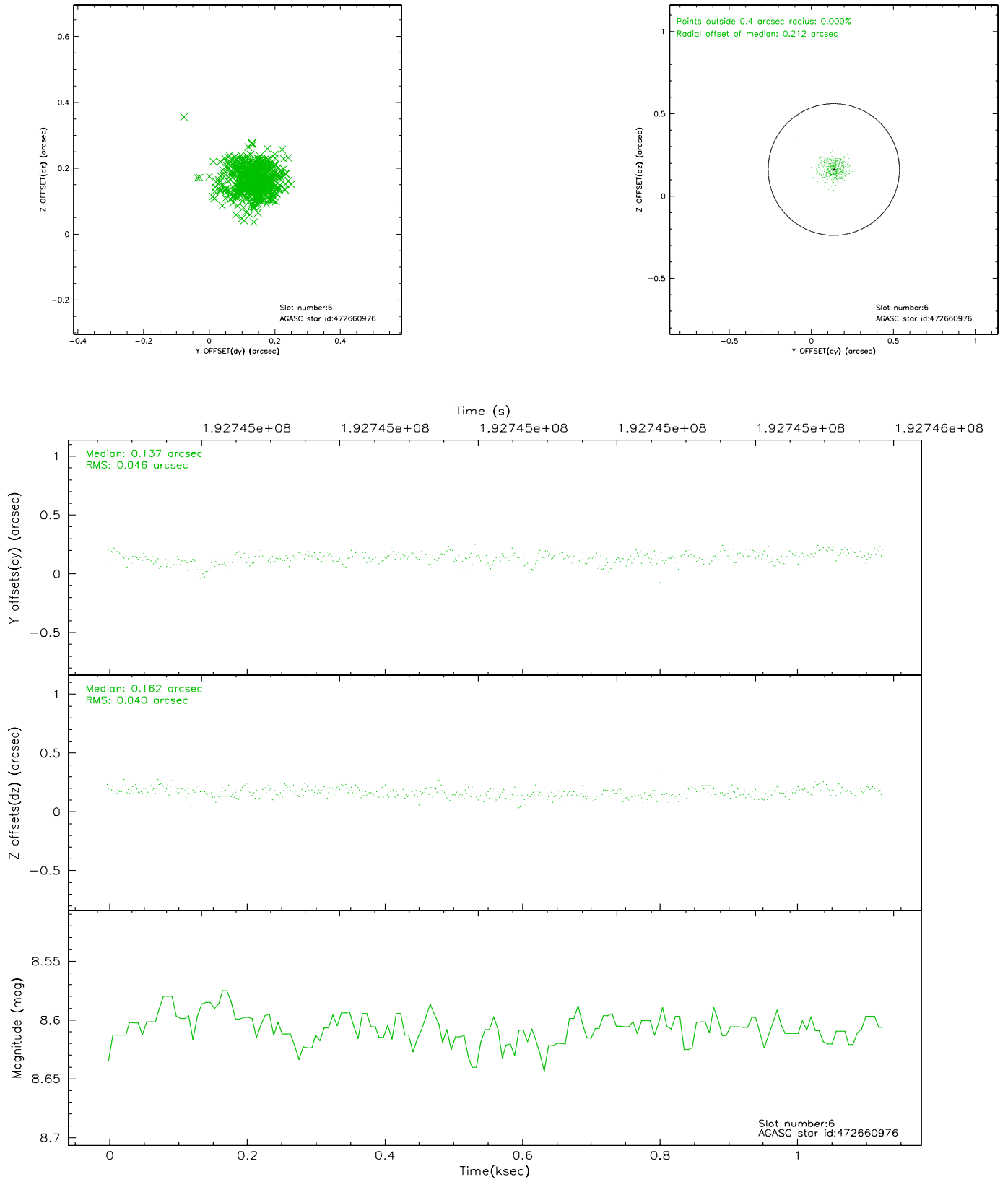
2.4.2 Slot 4



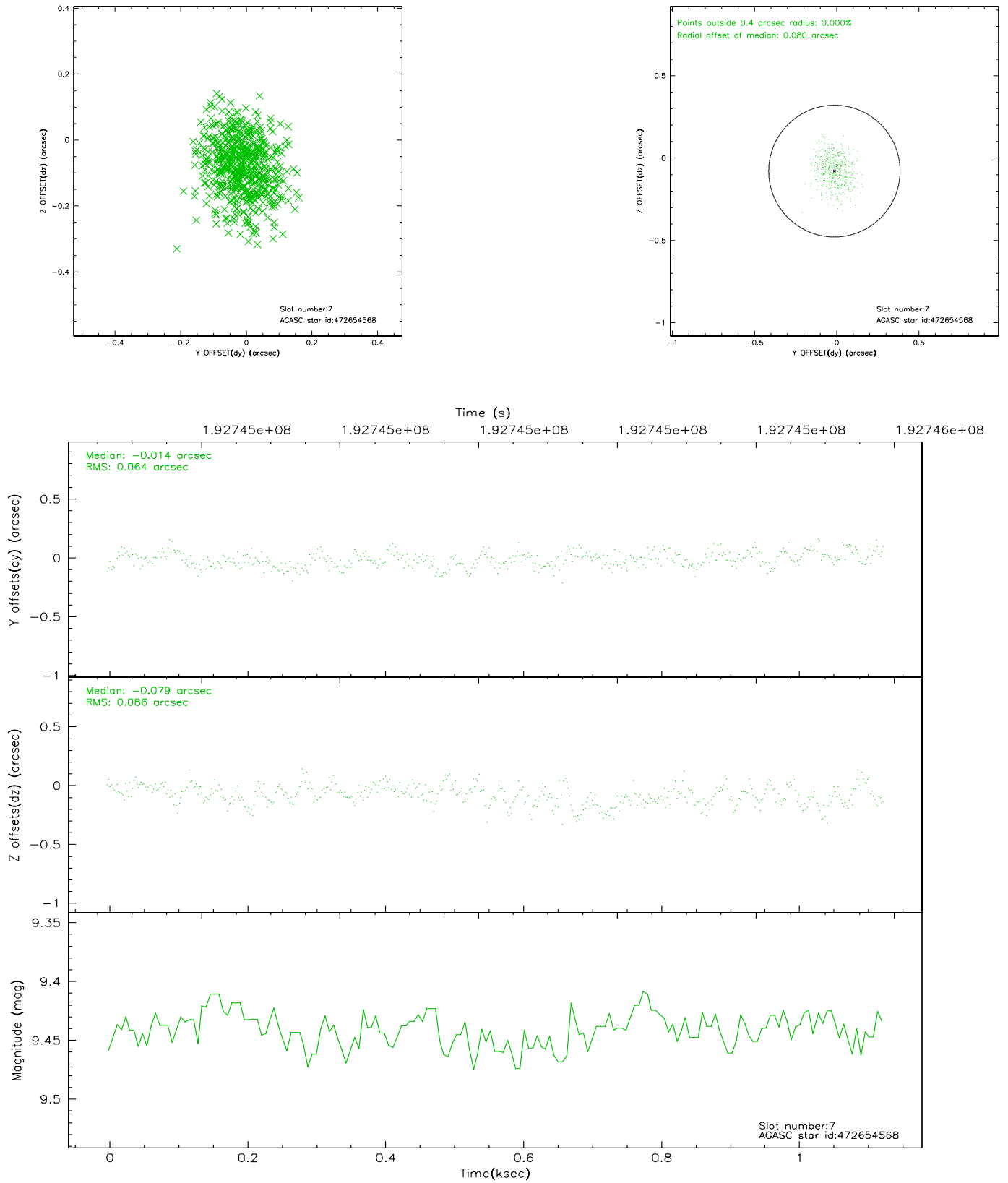
2.4.3 Slot 5



2.4.4 Slot 6

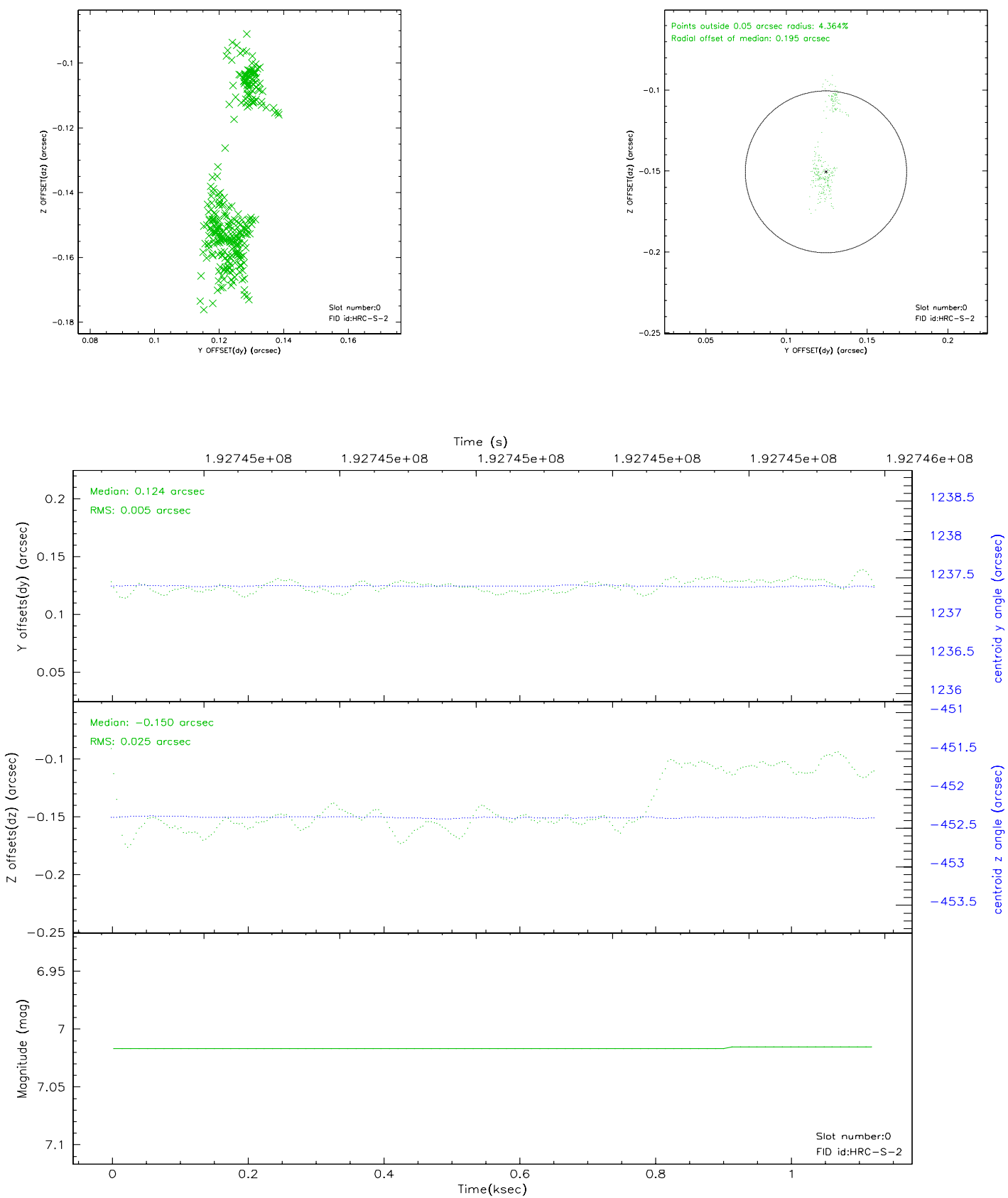


2.4.5 Slot 7

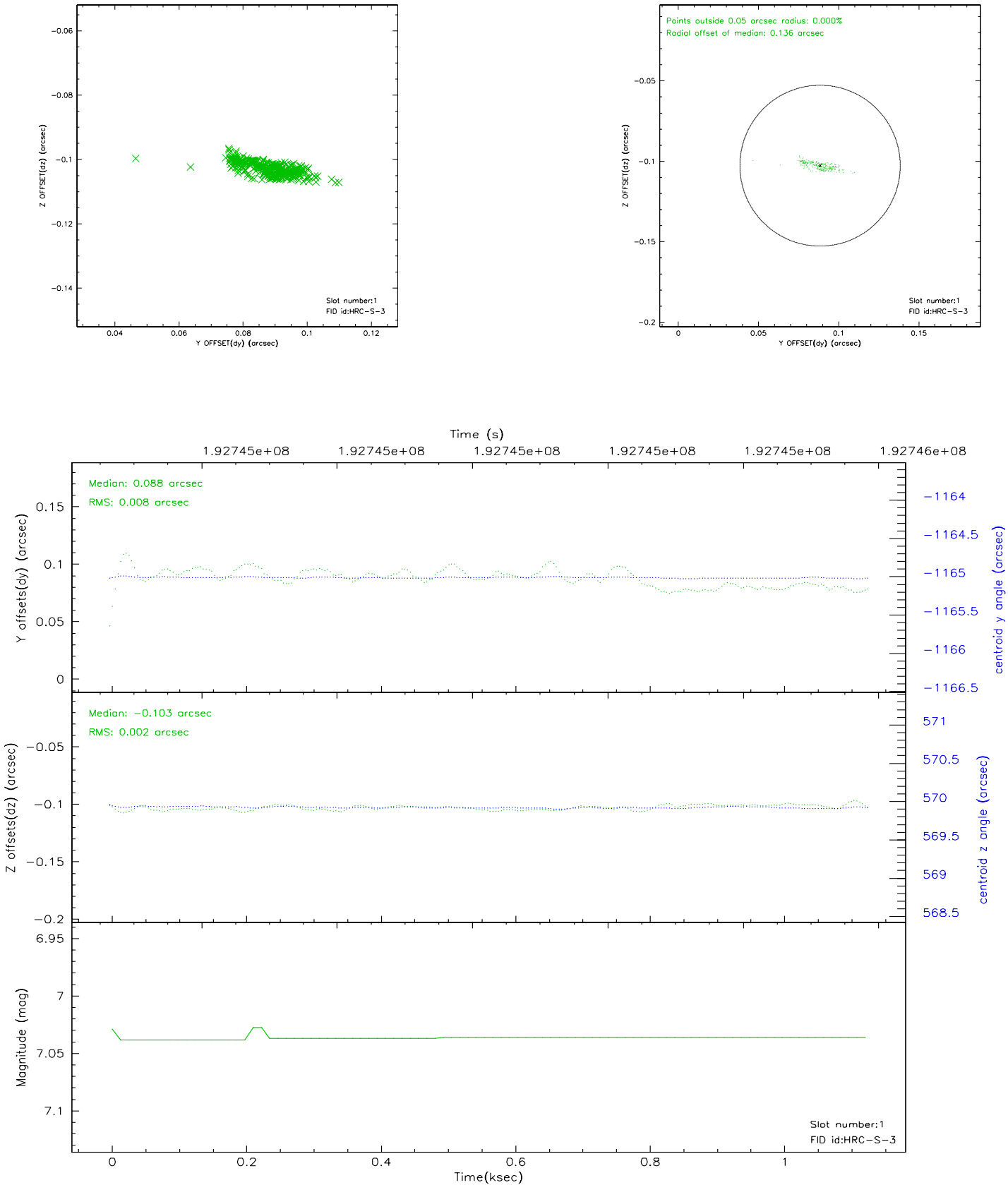


2.5 FID Slots

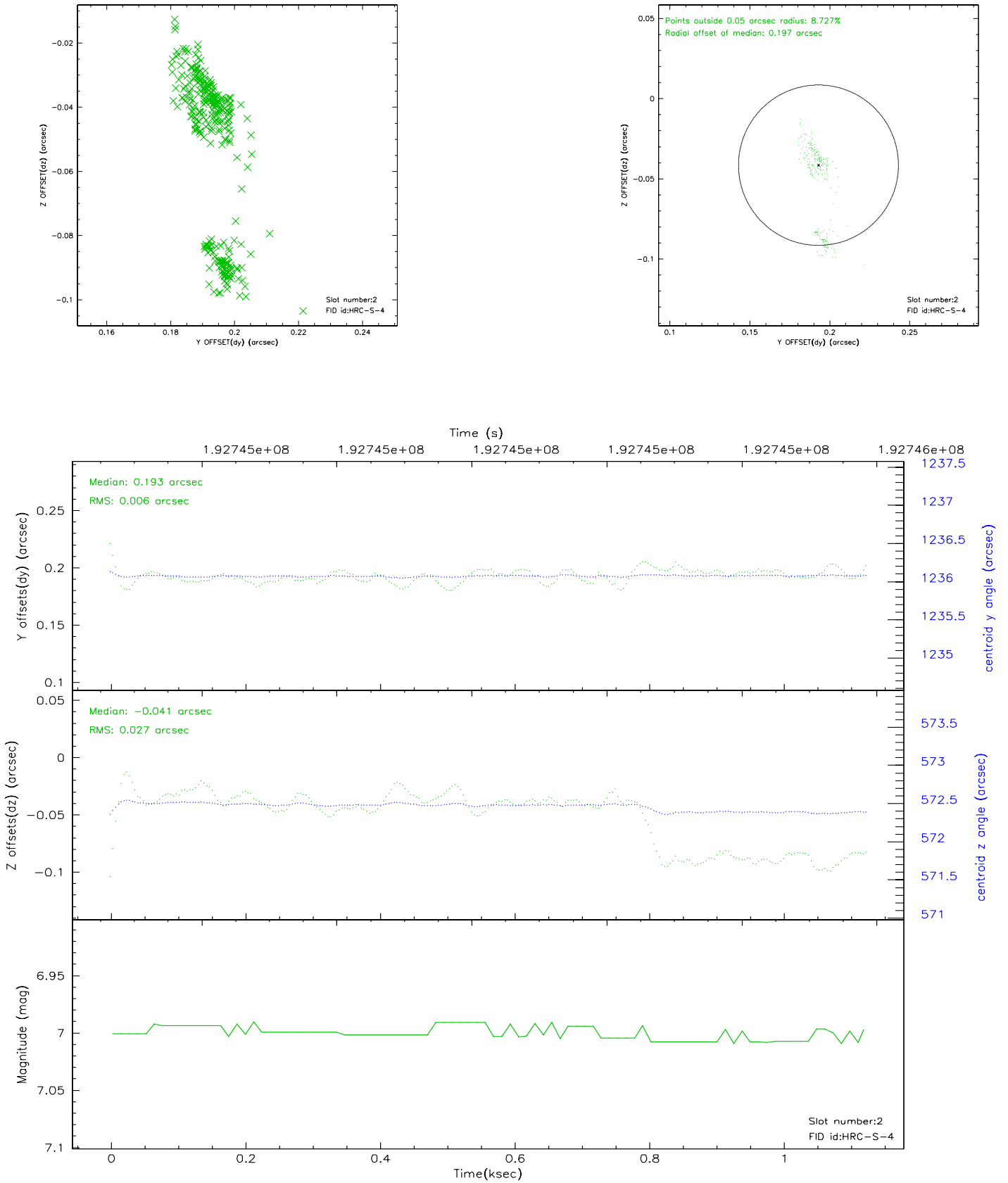
2.5.1 Slot 0



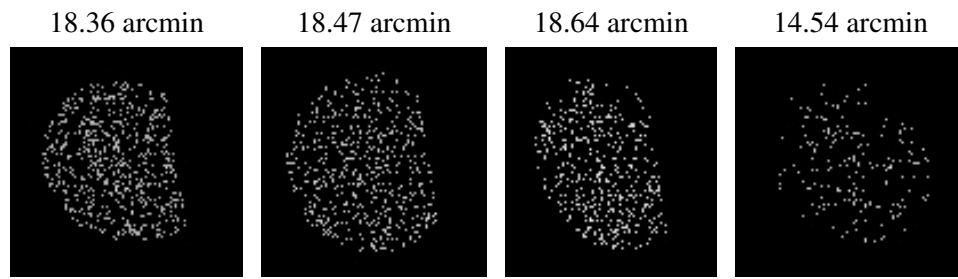
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.088

A.2 Comments