

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4336 - L2 Version 001
Chandra X-Ray Center

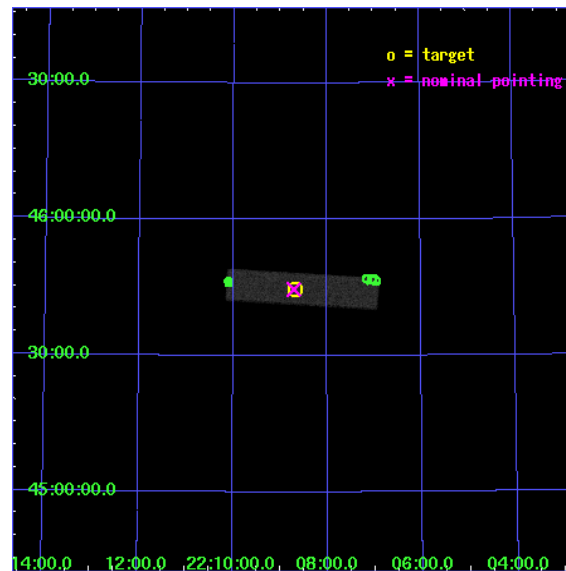
L2 Processing Date : Jul 27 2006

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

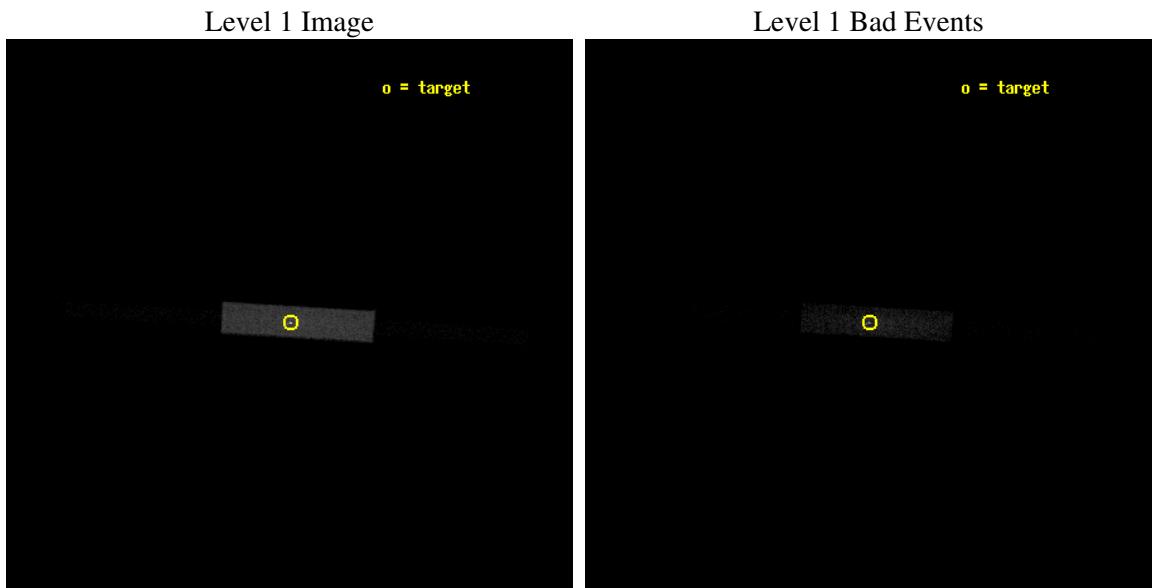
seq_num	290296
obs_id	4336
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.1768100112
dec_nom	45.743552102305
roll_nom	3.3750603702882
revision	2
ontime	1143.131298095
livetime	1137.4734721894
l2events	36618



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-27T20:23:45
revision	2

sched_exp_time	1000.000000
ontime	1184.9000498652
l1events	65002

2.1.3 Events

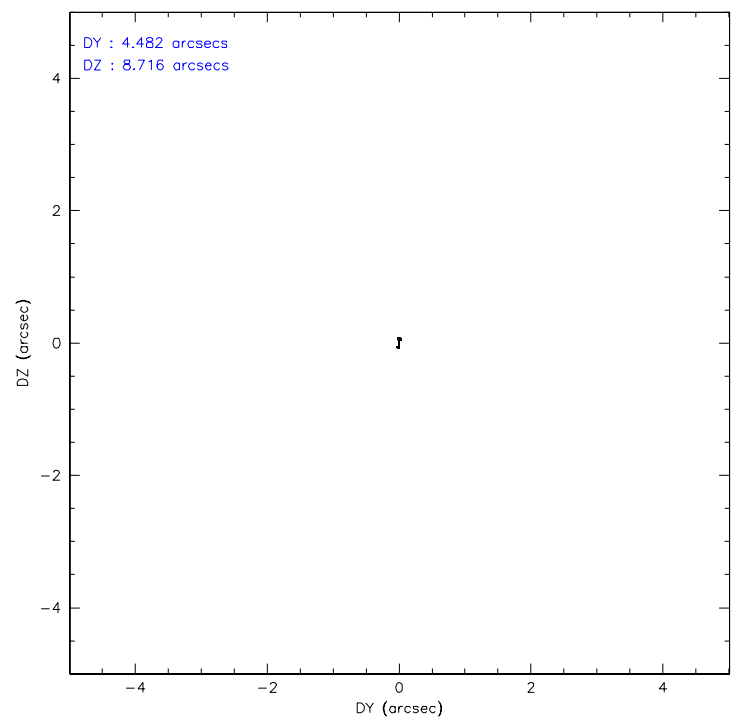
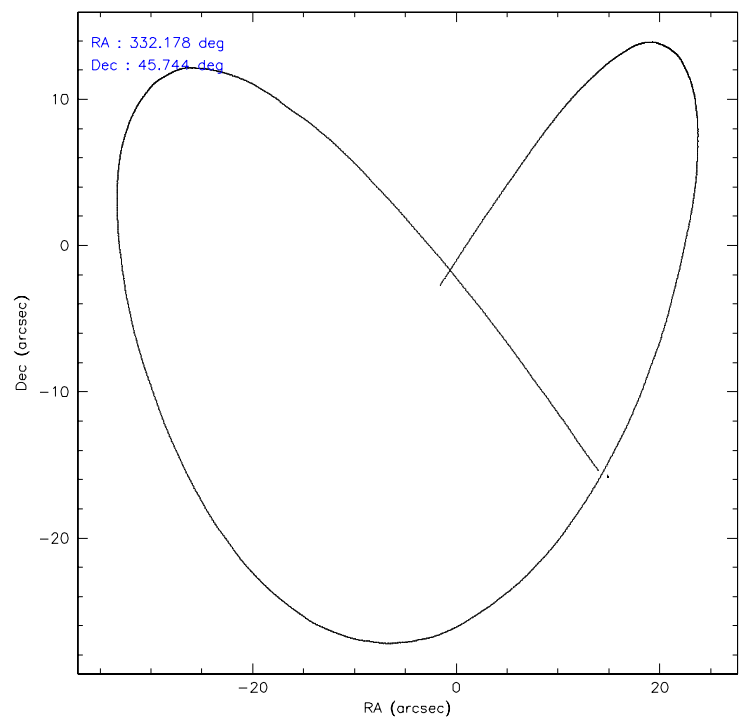
Level 1 Events

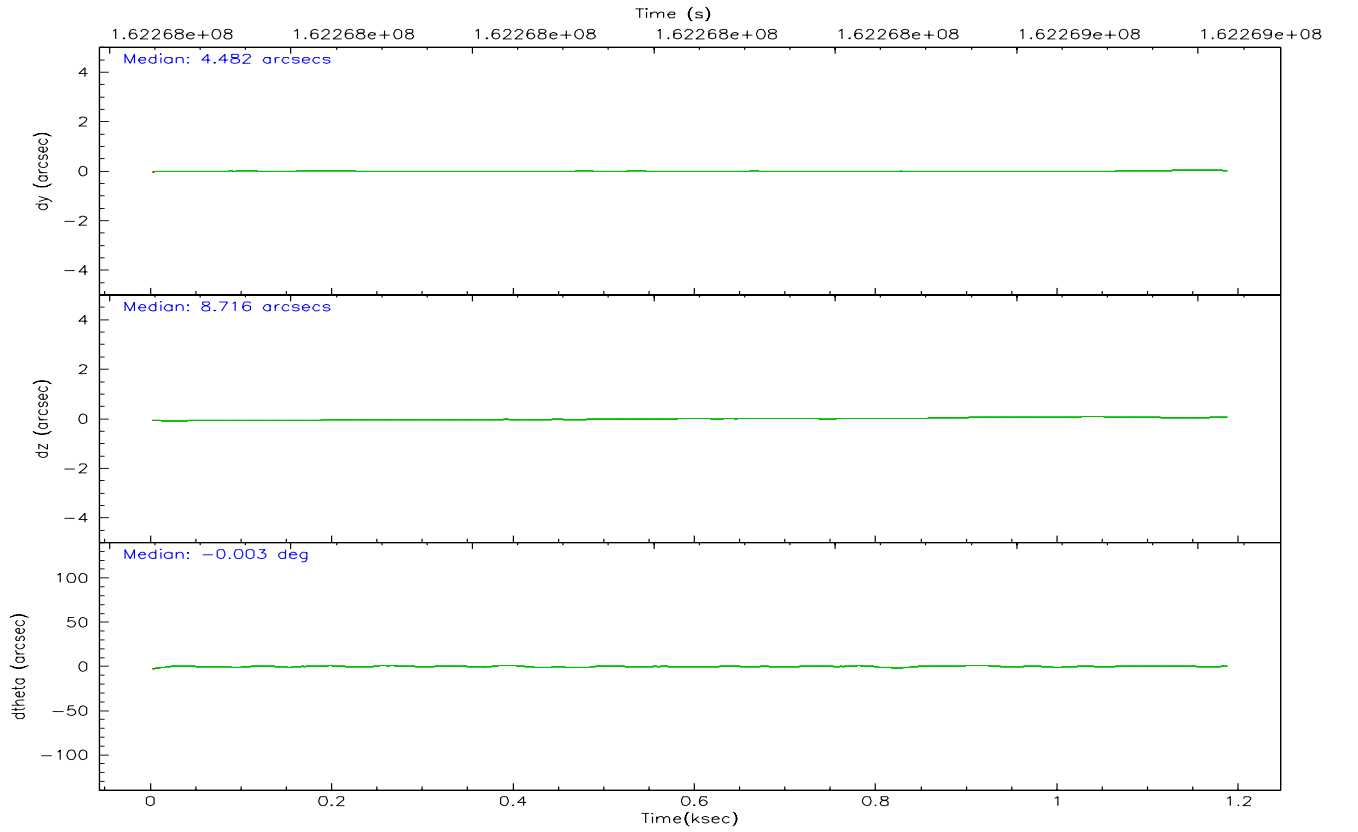
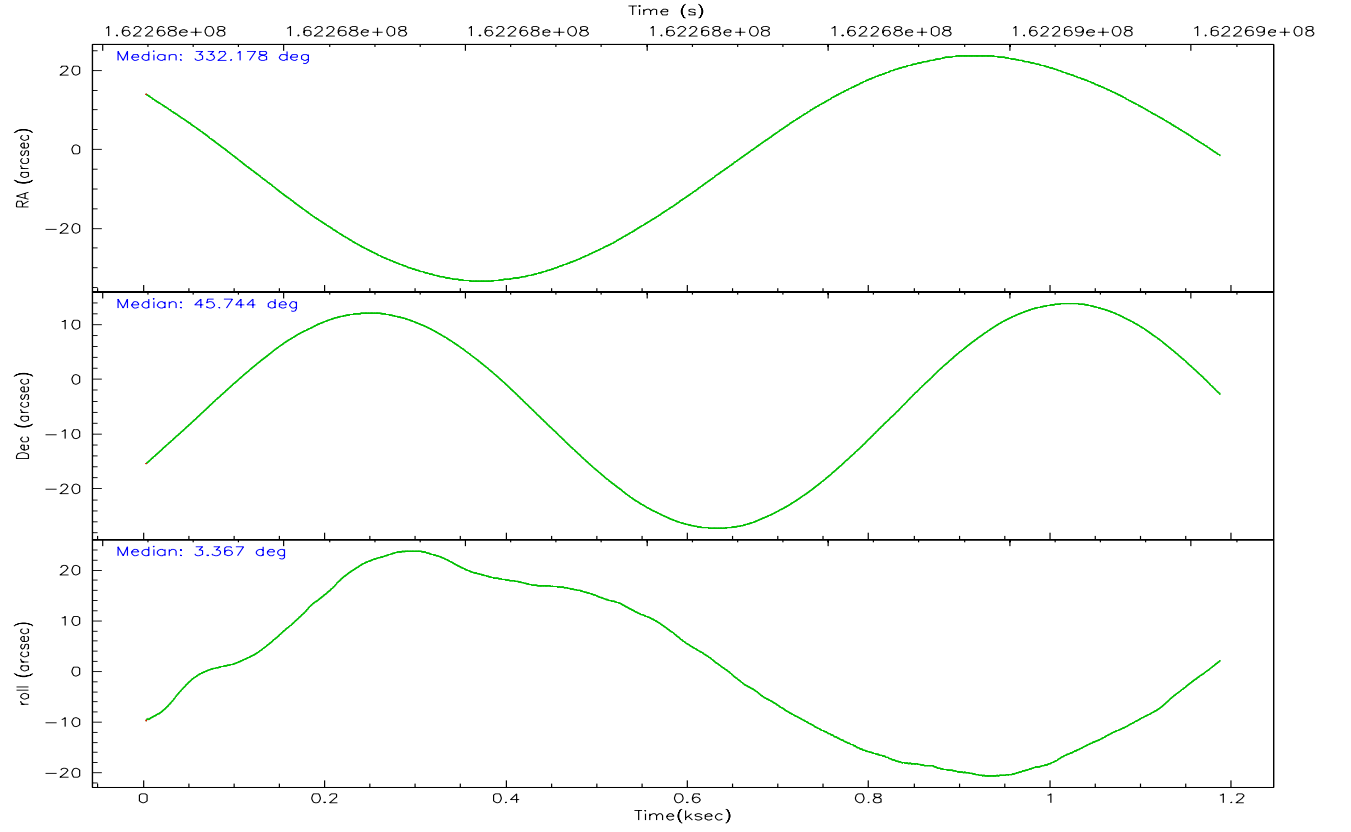
	segment 1	segment 2	segment 3
level 1 events	1018	62998	986
rejected events	1018	23529	986
rejected %	100%	37%	100%

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	332.143647	332.1768100112015			
Pointing Dec	45.725544	45.7435521023052			
Pointing Roll	3.331528	3.375060370288228			
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	162267835.184000	162267459.76846			
Observation start date	2003-02-22T02:22:51	2003-02-22T02:17:39			
Observation end time	162268835.184000	162268969.59352			
Observation end date	2003-02-22T02:39:31	2003-02-22T02:42:49			

2.3 Aspect



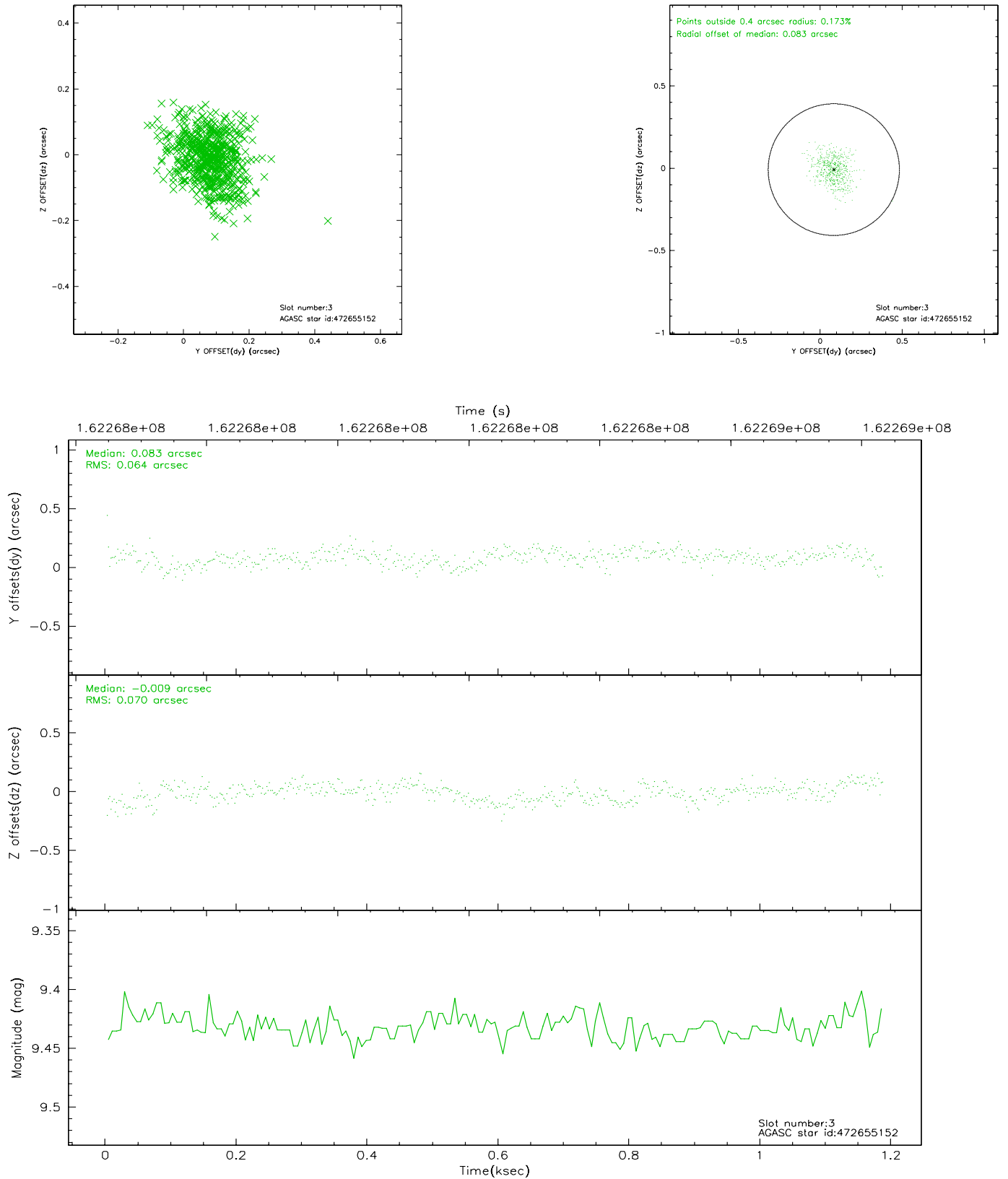


Slot Statistics

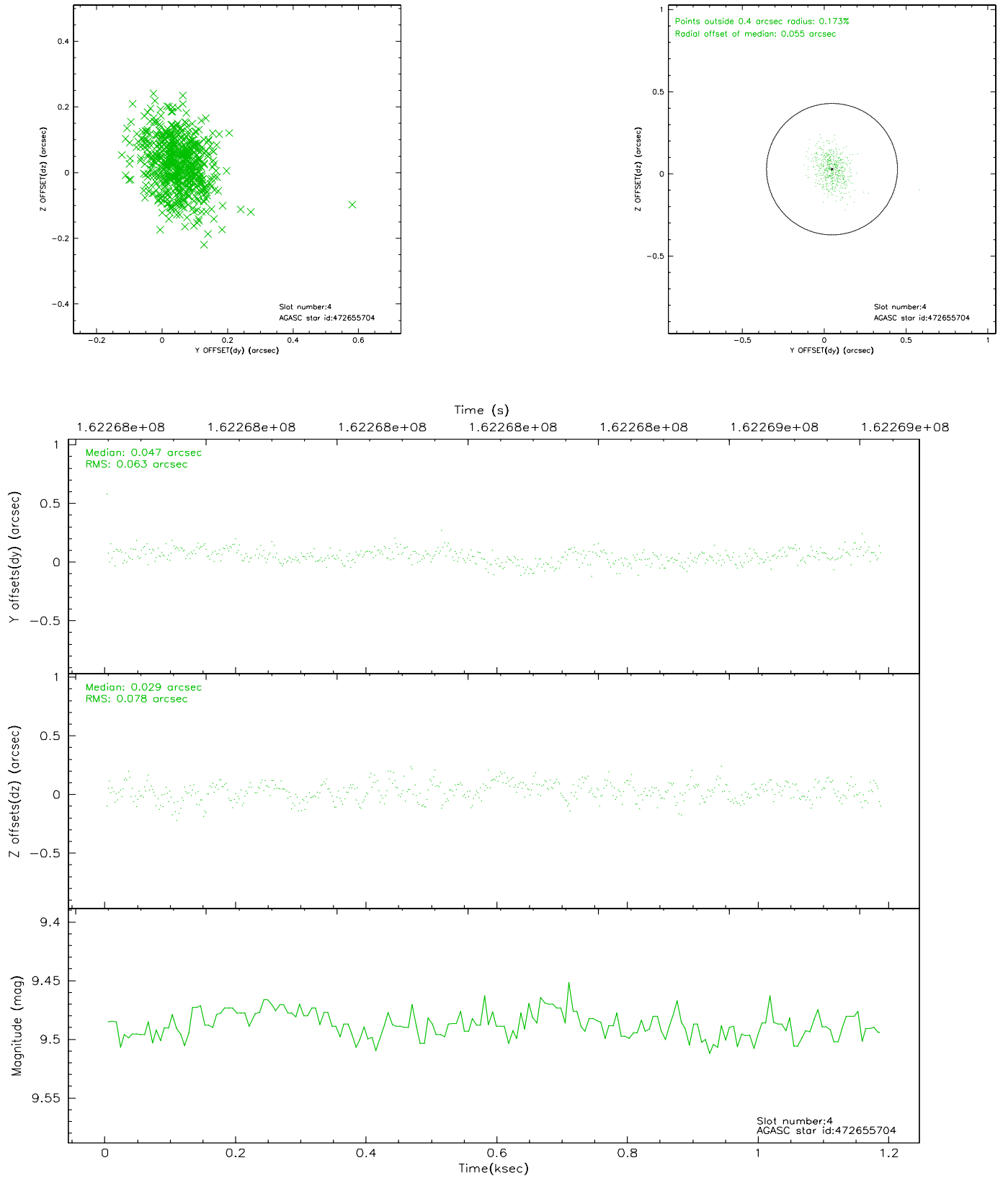
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	290	0.157	-0.156	0.006	0.013	0.000000	0.000000	-1158.54	-457.34
1	FID	HRC-S-2	7.00	290	0.064	-0.084	0.004	0.008	0.000000	0.000000	1237.05	-451.50
2	FID	HRC-S-3	7.03	290	0.169	-0.062	0.006	0.011	0.000000	0.000000	-1156.97	570.73
3	GUIDE	472655152	9.43	579	0.083	-0.009	0.102	0.163	332.504239	45.862991	930.99	439.81
4	GUIDE	472655704	9.49	577	0.047	0.029	0.104	0.174	332.167195	45.285228	-31.11	-1588.83
5	GUIDE	472659832	9.46	578	0.023	0.042	0.093	0.153	332.780399	46.098139	1664.58	1246.80
6	GUIDE	472523760	8.23	579	-0.138	-0.021	0.065	0.107	331.645363	45.403260	-1322.07	-1083.01
7	GUIDE	472533912	9.18	578	-0.014	-0.045	0.111	0.162	331.791136	46.368695	-742.58	2358.49

2.4 Star Slots

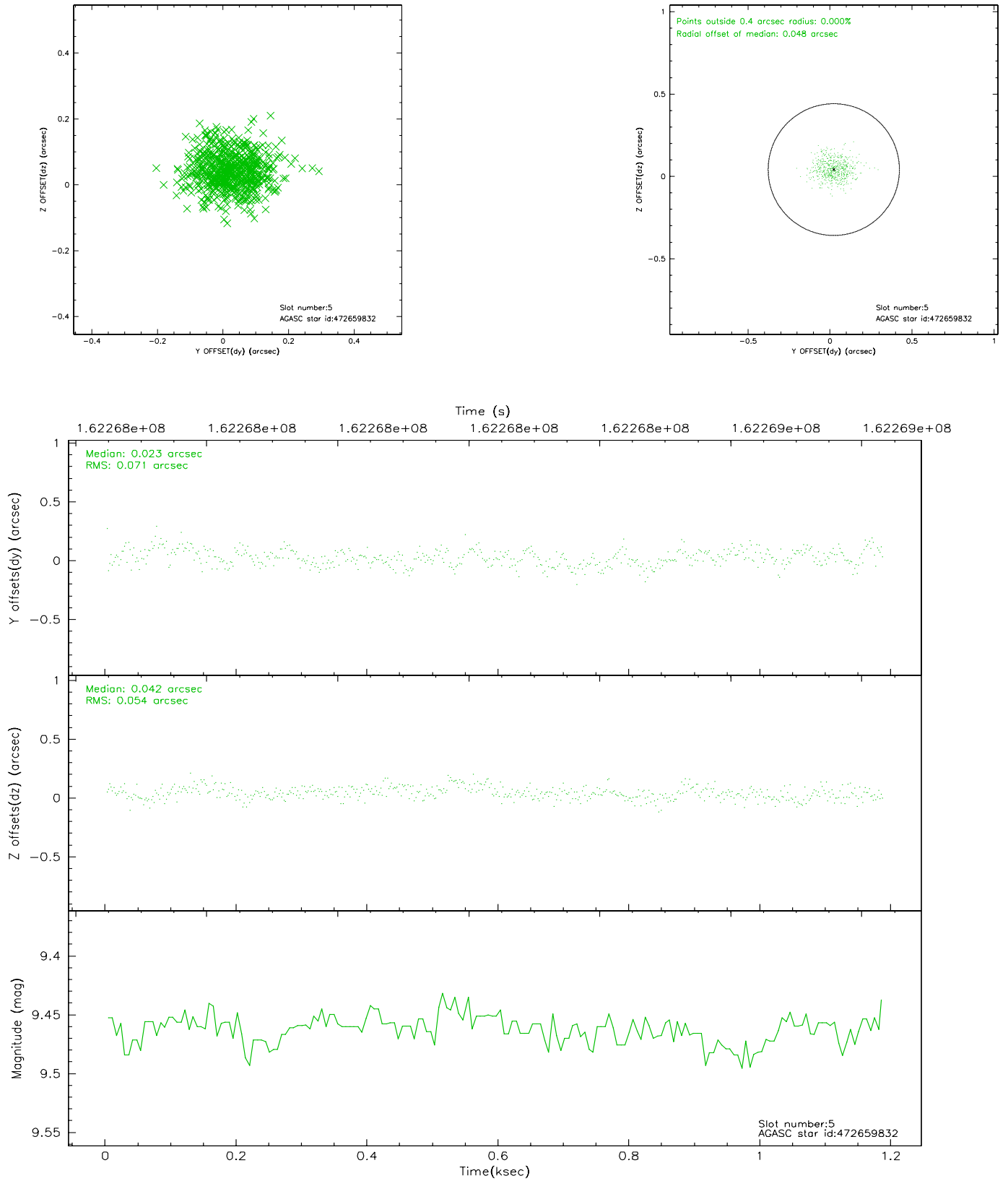
2.4.1 Slot 3



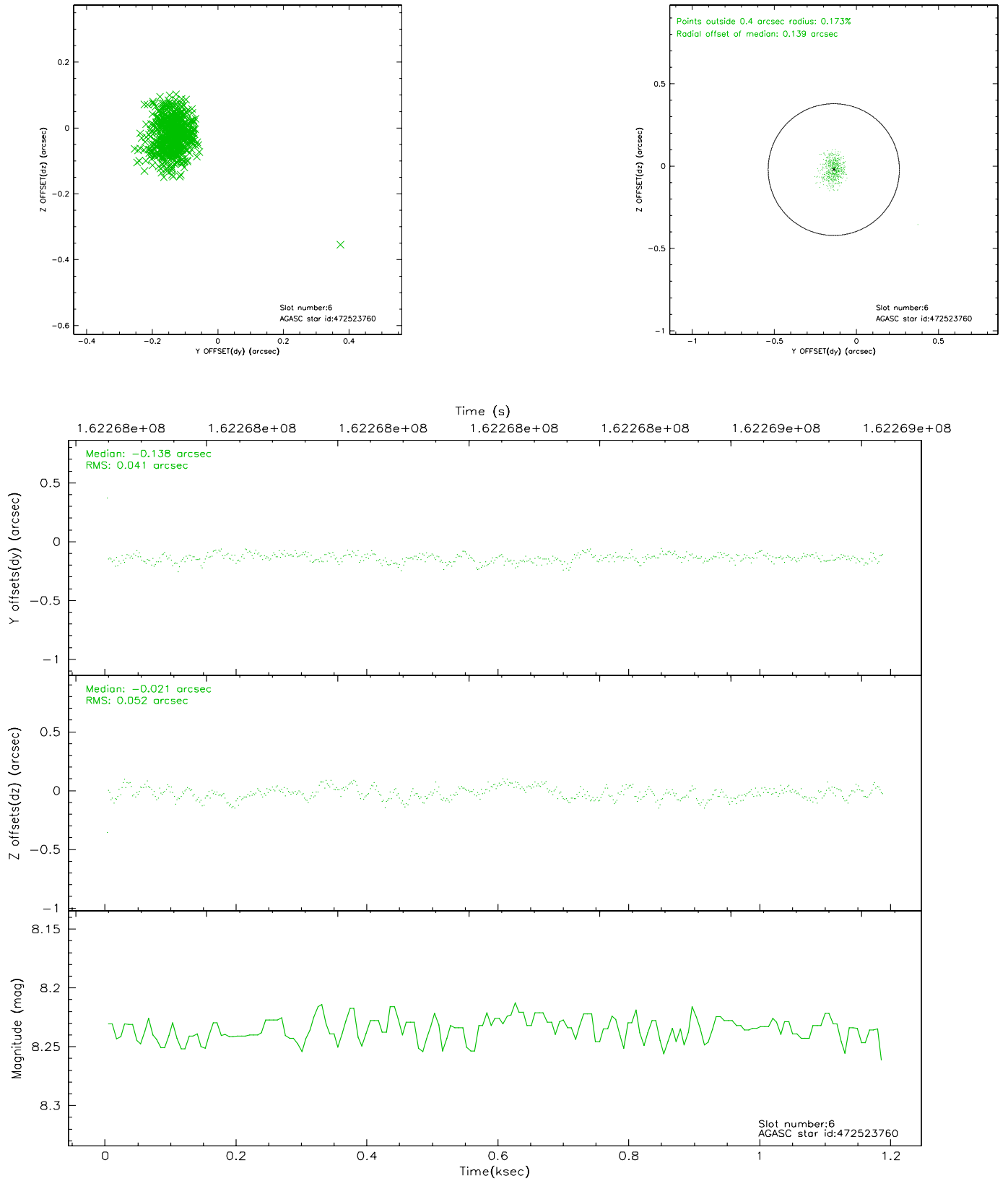
2.4.2 Slot 4



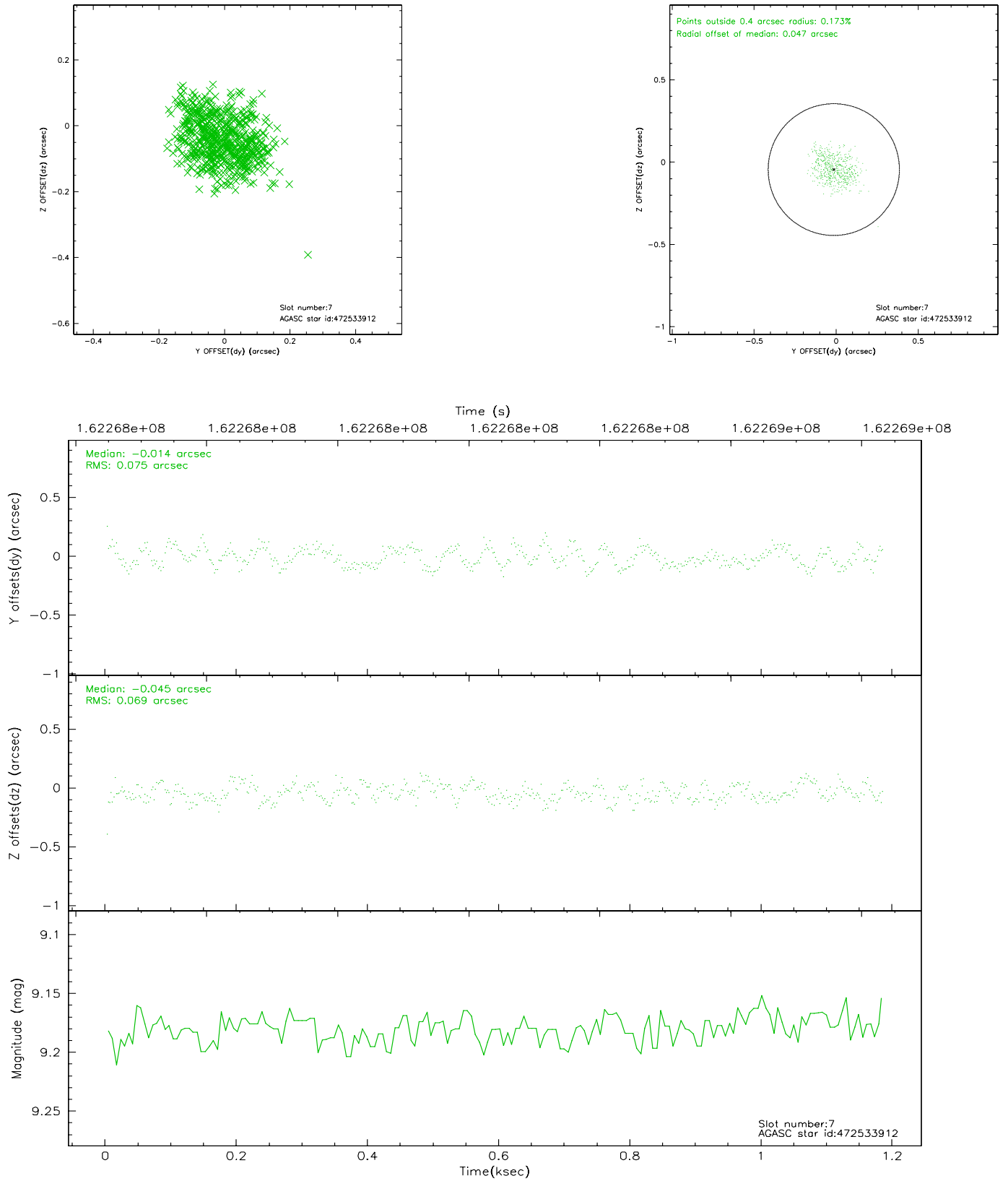
2.4.3 Slot 5



2.4.4 Slot 6

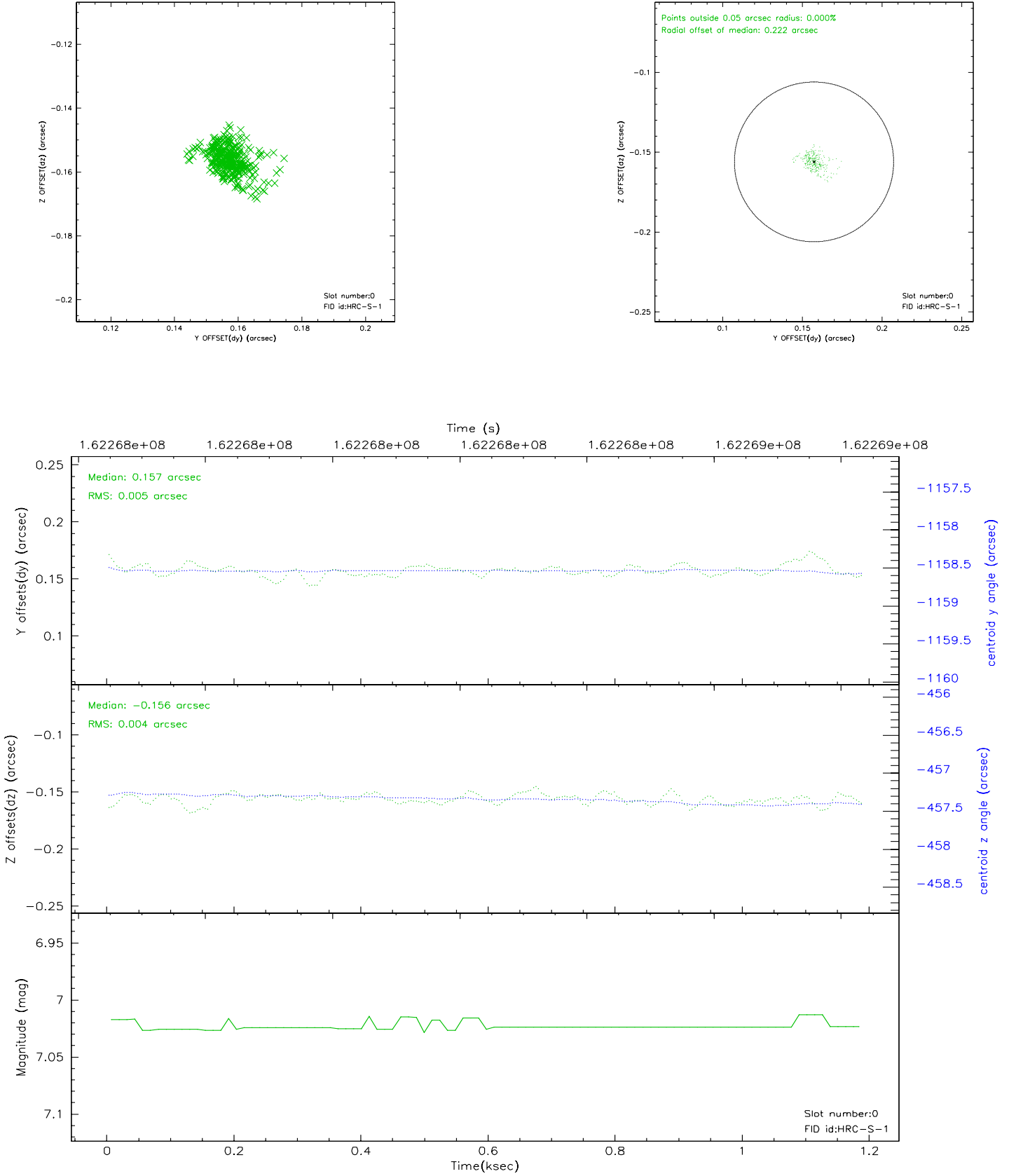


2.4.5 Slot 7

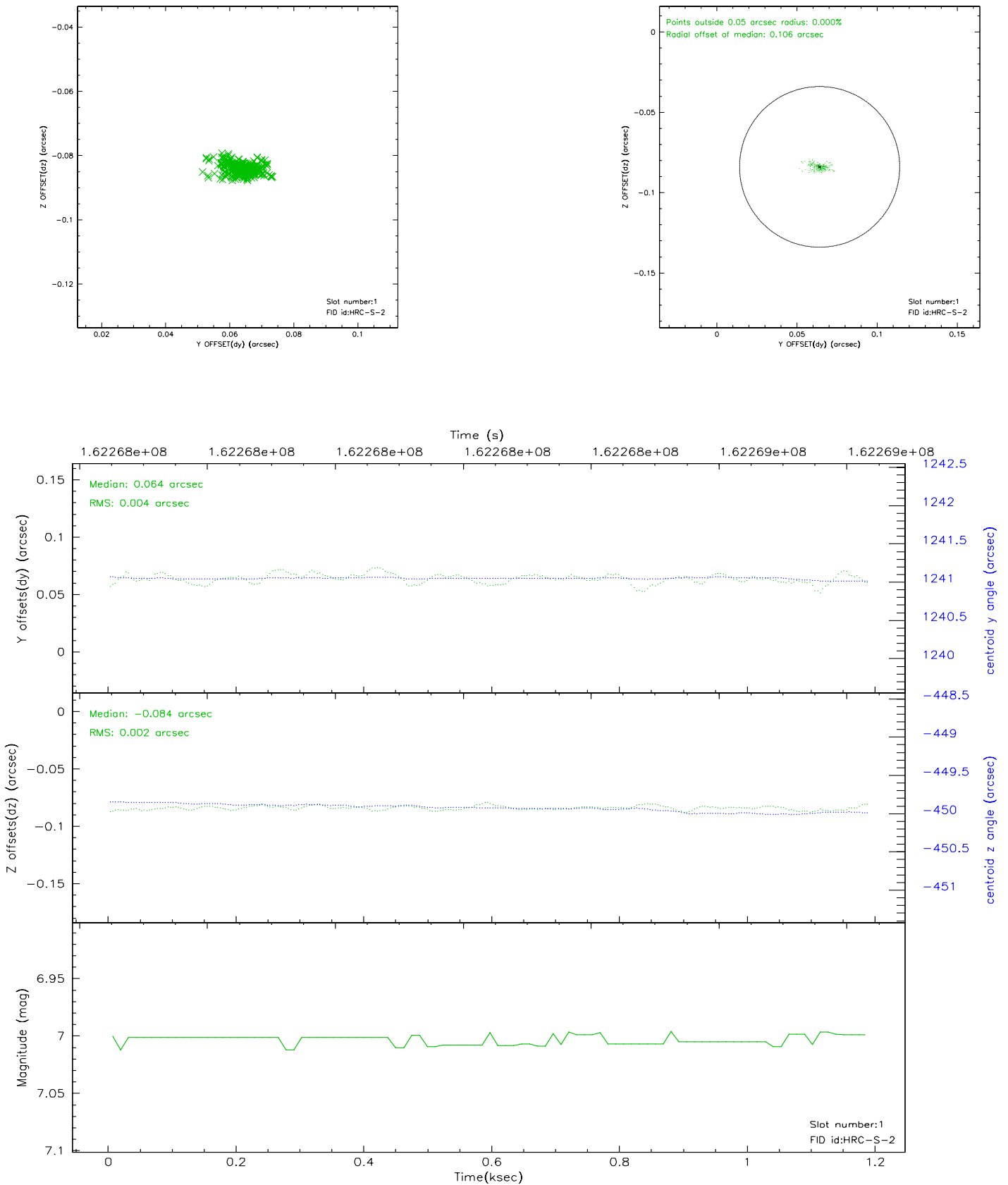


2.5 FID Slots

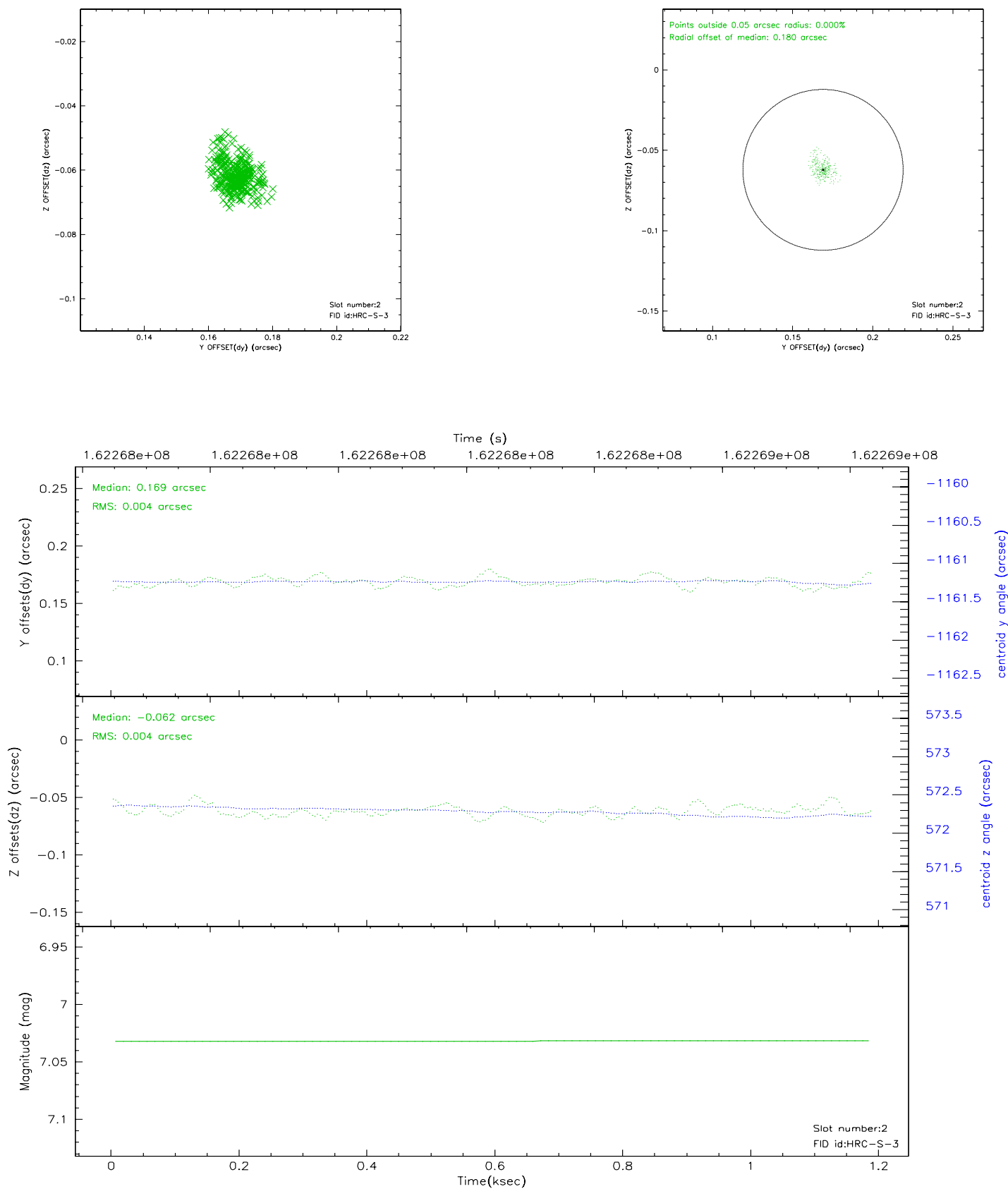
2.5.1 Slot 0



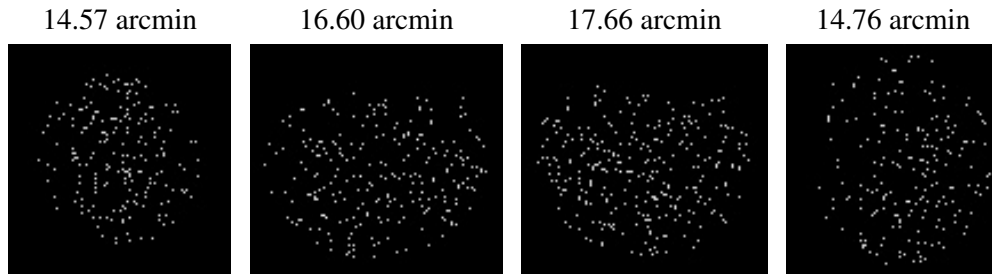
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.143

A.2 Comments

Monitor constraint not met: preceeds obs4346.