

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2441 - L2 Version 001
Chandra X-Ray Center

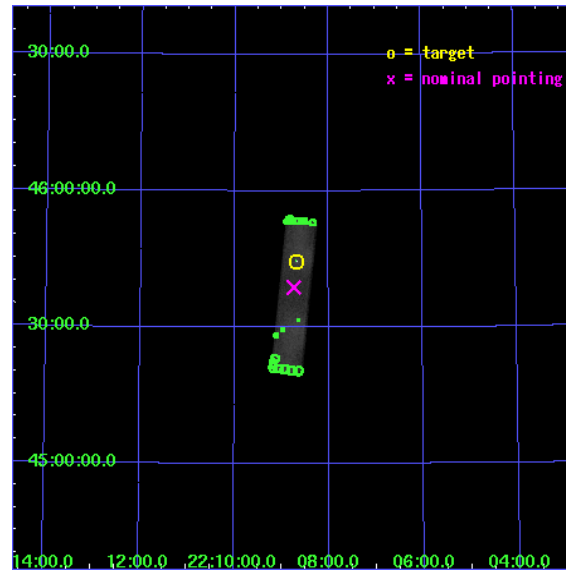
L2 Processing Date : Nov 21 2006

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1 Front

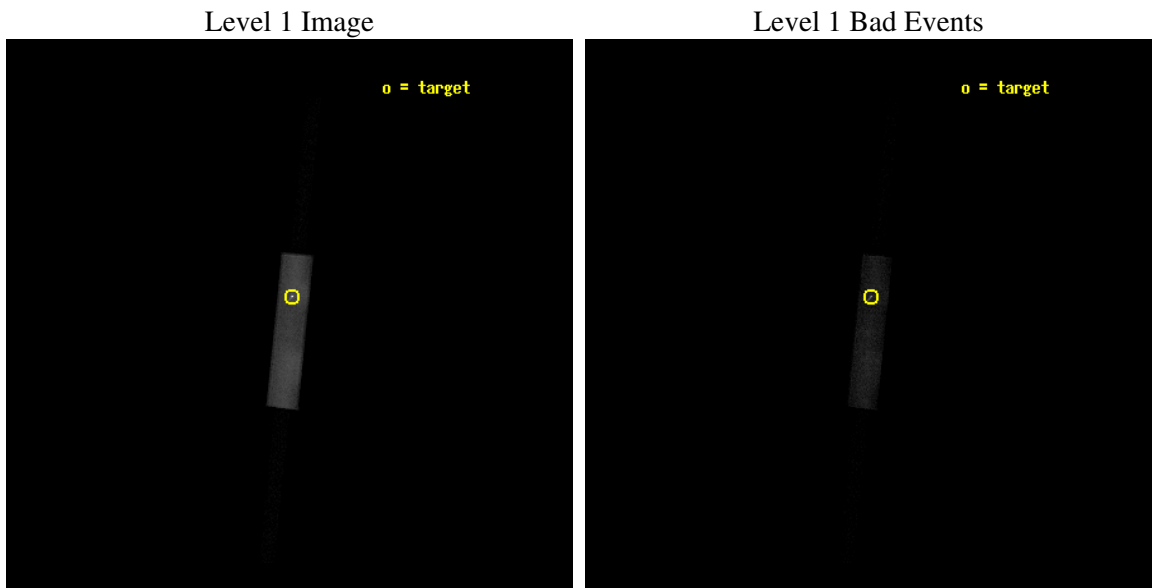
seq_num	290078
obs_id	2441
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.18443752249
dec_nom	45.646922587952
roll_nom	95.789698664108
revision	4
ontime	1375.8063034415
livetime	1356.2904260135
l2events	109528



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-21T15:33:20
revision	3

sched_exp_time	1234.000000
ontime	1415.5250549912
l1events	168660

2.1.3 Events

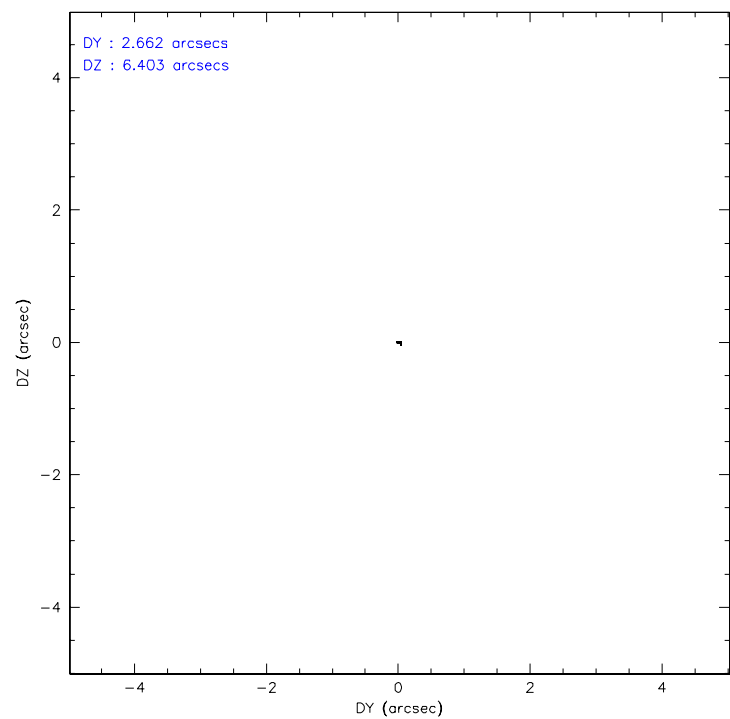
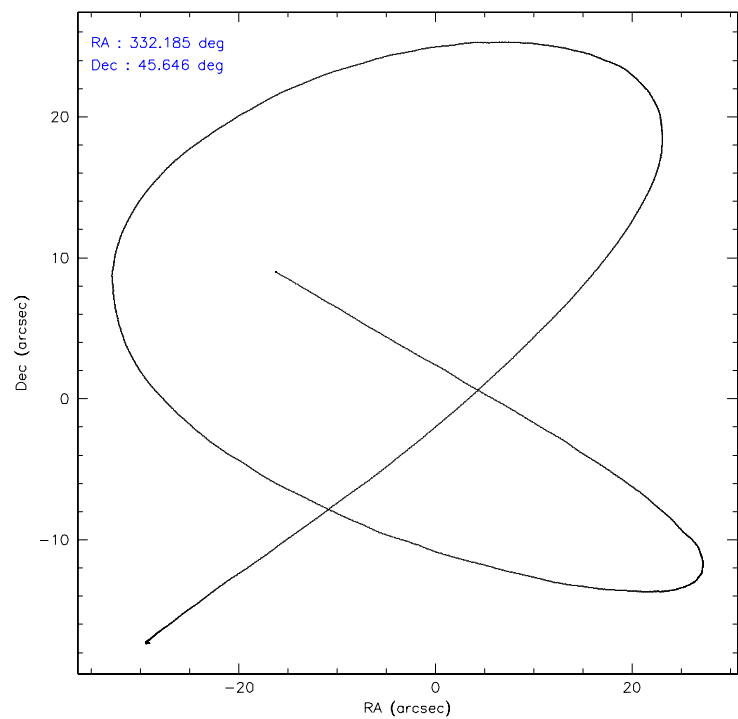
Level 1 Events

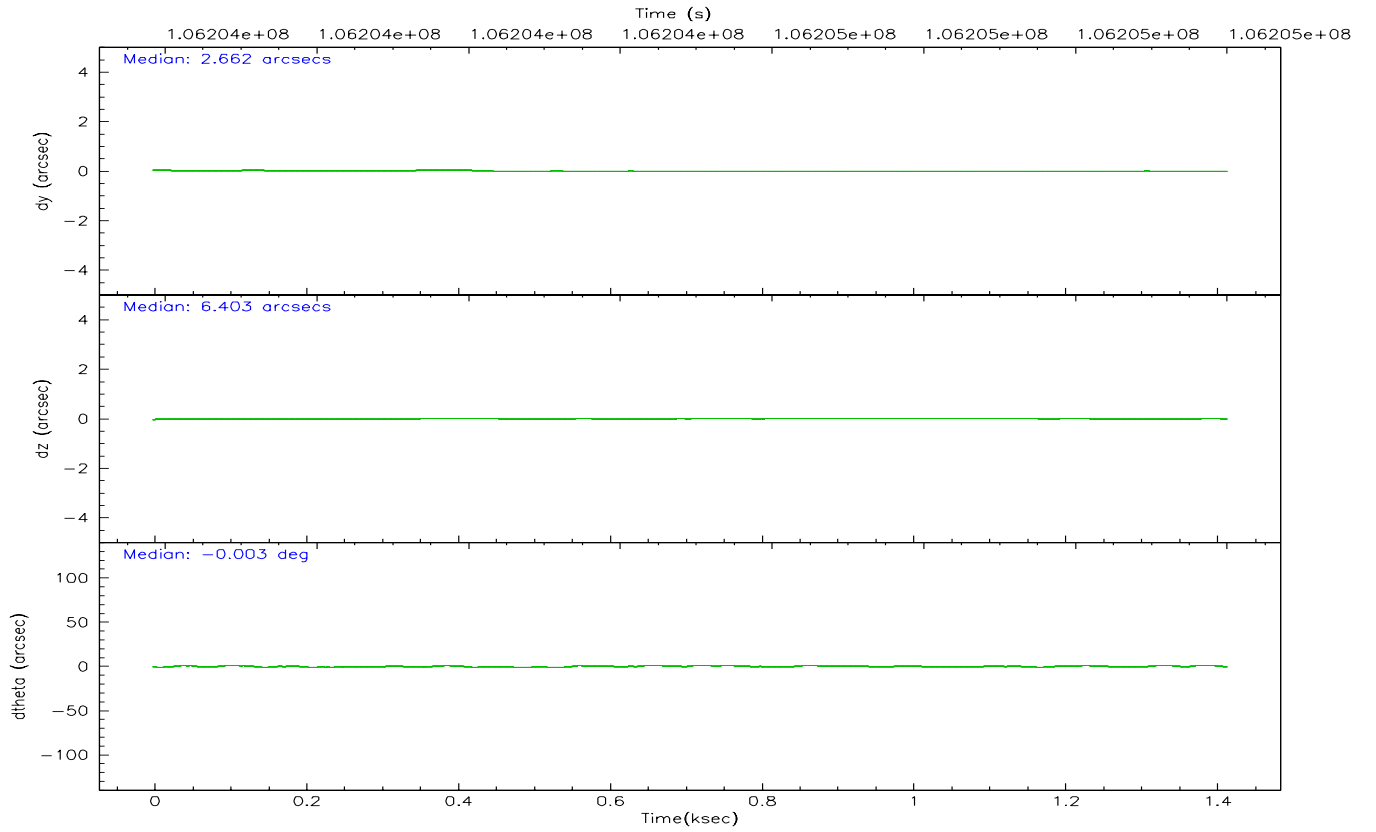
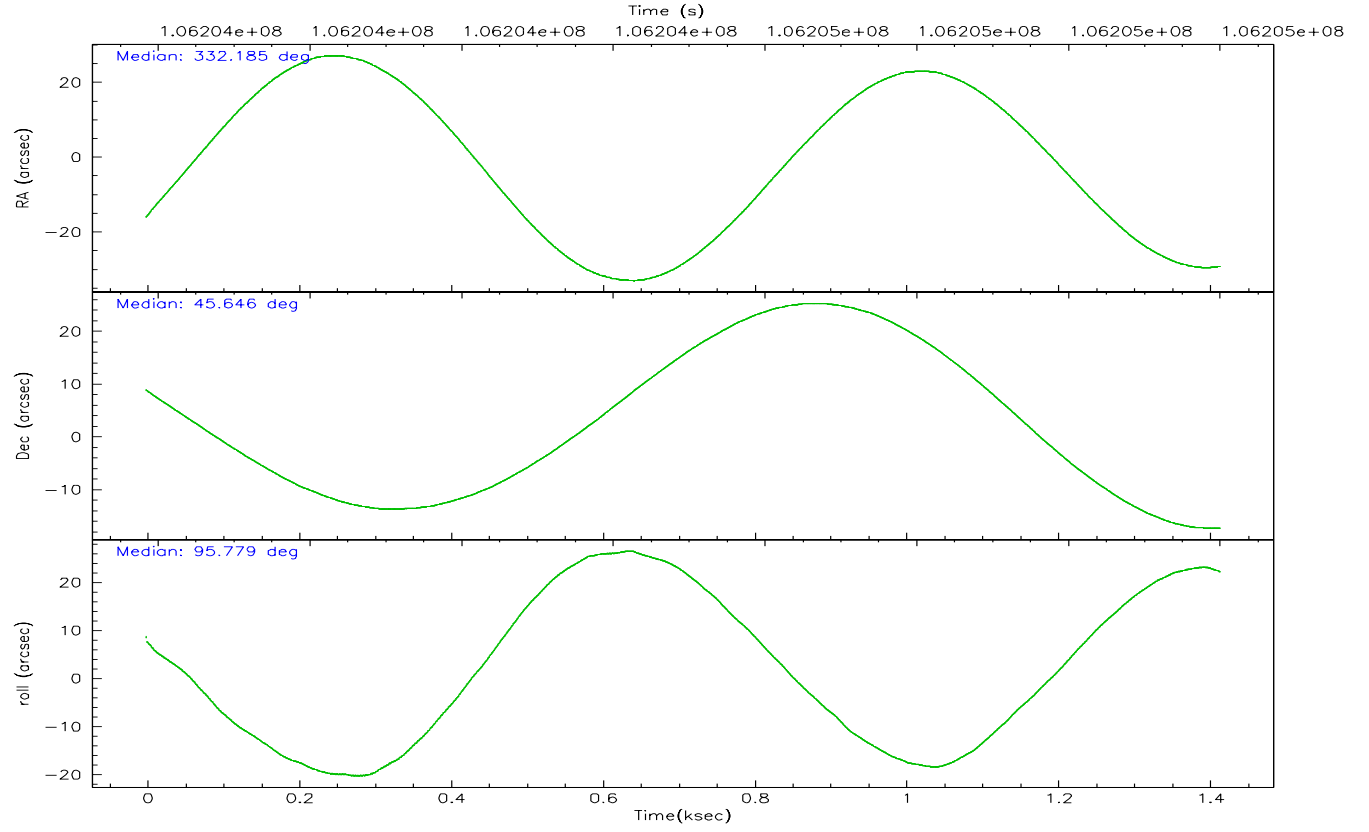
	segment 1	segment 2	segment 3
level 1 events	2502	163929	2229
rejected events	2502	50748	2229
rejected %	100%	30%	100%

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	332.209333	332.1844375224924			
Pointing Dec	45.625129	45.64692258795233			
Pointing Roll	95.704621	95.78969866410822			
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	106203963.184000	106203587.02079			
Observation start date	2001-05-14T05:04:59	2001-05-14T04:59:47			
Observation end time	106205197.184000	106205330.54586			
Observation end date	2001-05-14T05:25:33	2001-05-14T05:28:50			

2.3 Aspect



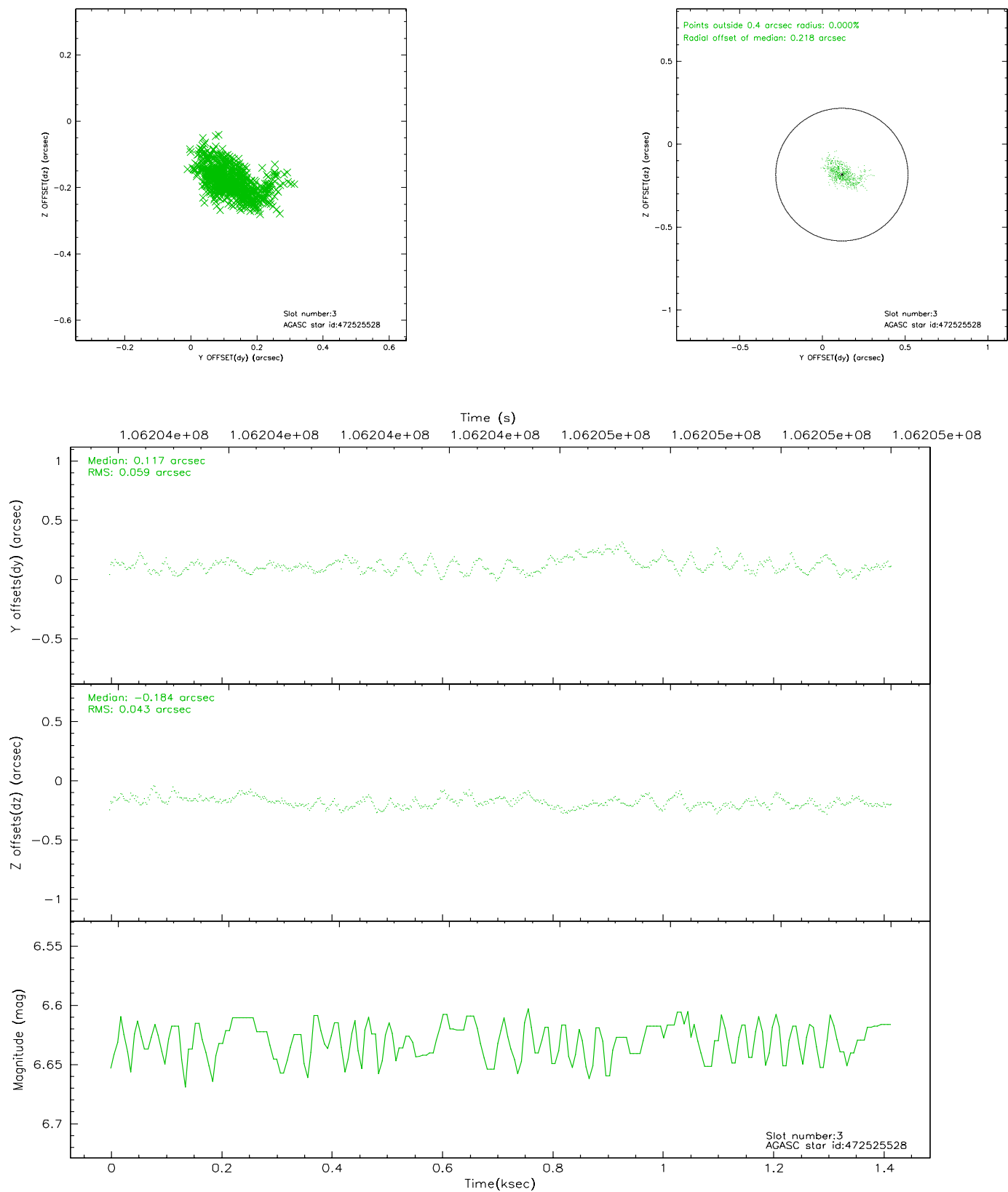


Slot Statistics

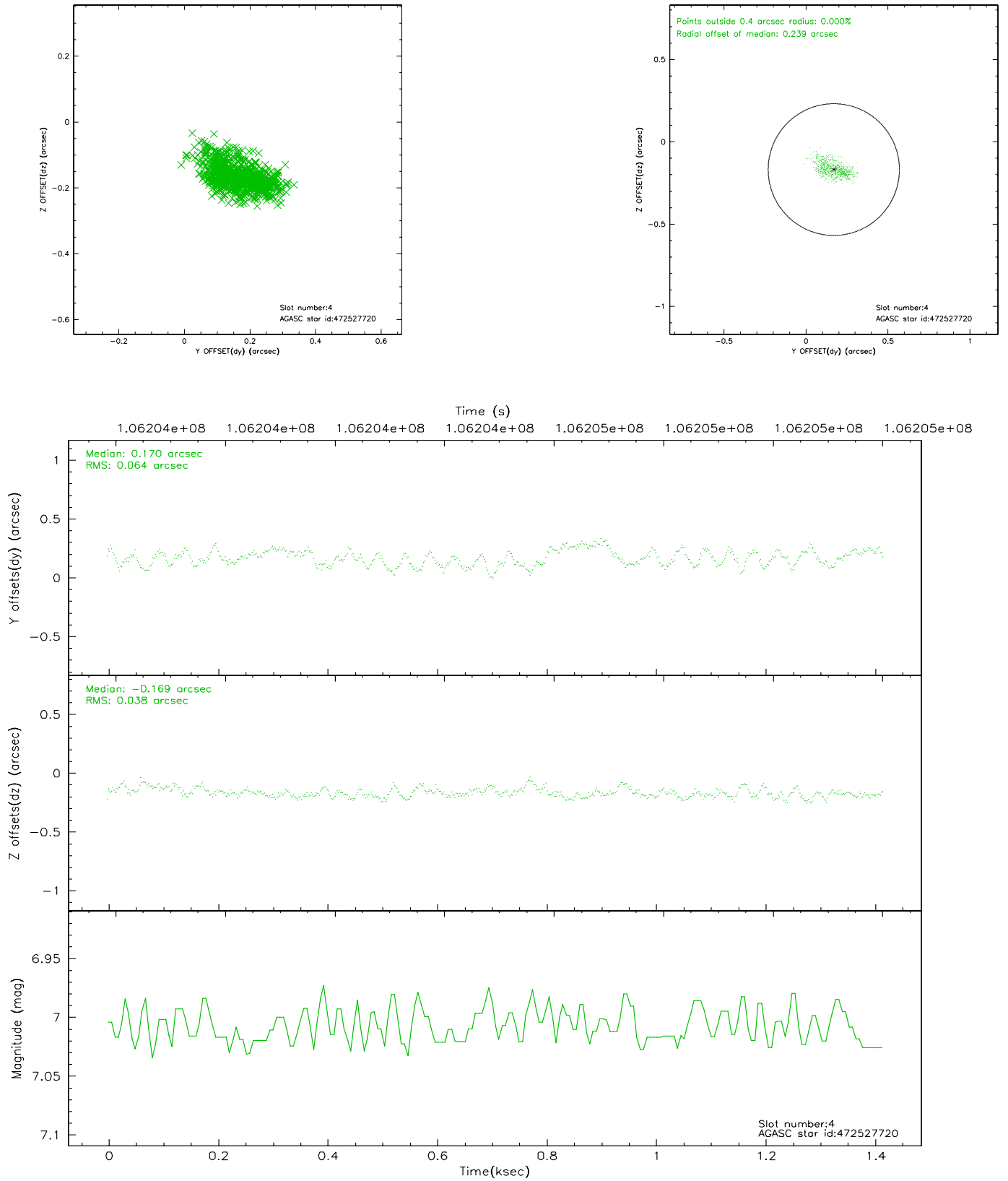
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	346	0.138	-0.110	0.007	0.012	0.000000	0.000000	-1156.70	-454.91
1	FID	HRC-S-2	6.98	346	0.119	-0.099	0.005	0.011	0.000000	0.000000	1239.62	-448.87
2	FID	HRC-S-3	7.00	346	0.133	-0.093	0.008	0.015	0.000000	0.000000	-1155.84	573.34
3	GUIDE	472525528	6.63	692	0.117	-0.184	0.075	0.133	331.551102	45.248694	-1173.86	1794.29
4	GUIDE	472527720	7.01	692	0.170	-0.169	0.079	0.130	331.460205	45.112509	-1638.05	2079.13
5	GUIDE	472523760	8.23	692	0.023	0.001	0.063	0.109	331.645363	45.403260	-648.53	1500.84
6	GUIDE	472665256	9.01	692	-0.152	0.221	0.080	0.141	332.808125	46.195041	1900.25	-1685.96
7	GUIDE	472659832	9.46	691	-0.135	0.110	0.105	0.416	332.780399	46.098139	1562.87	-1589.69

2.4 Star Slots

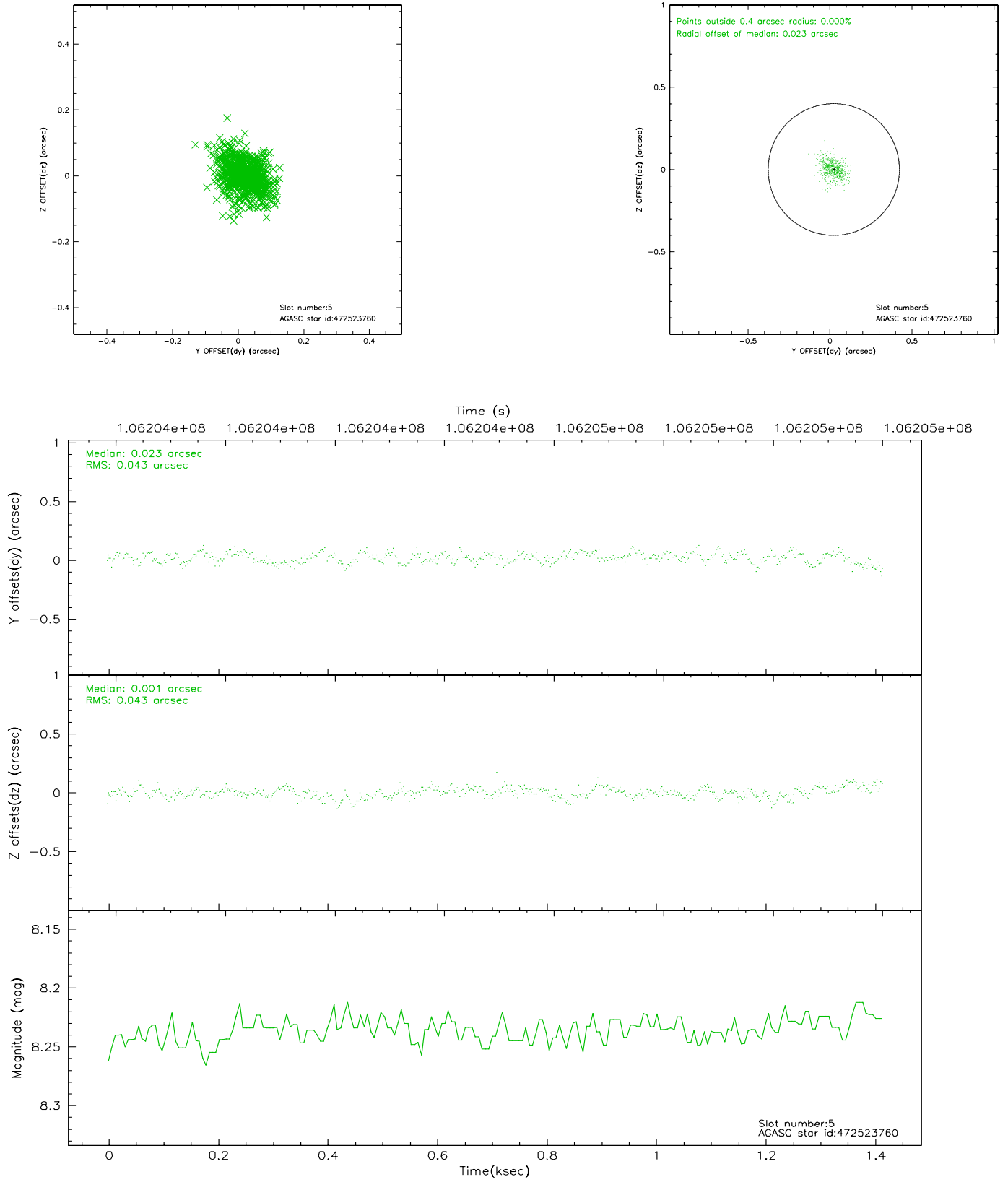
2.4.1 Slot 3



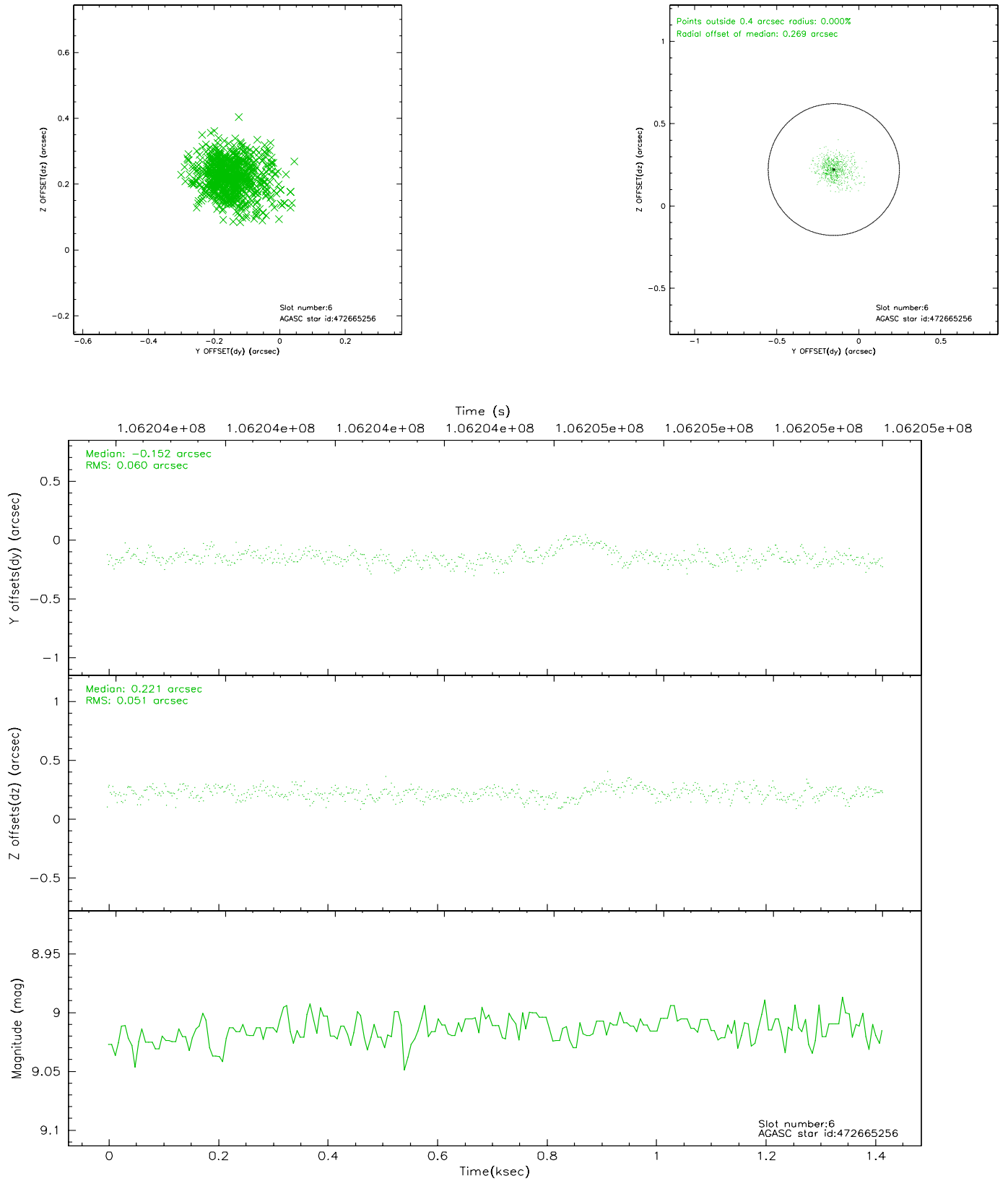
2.4.2 Slot 4



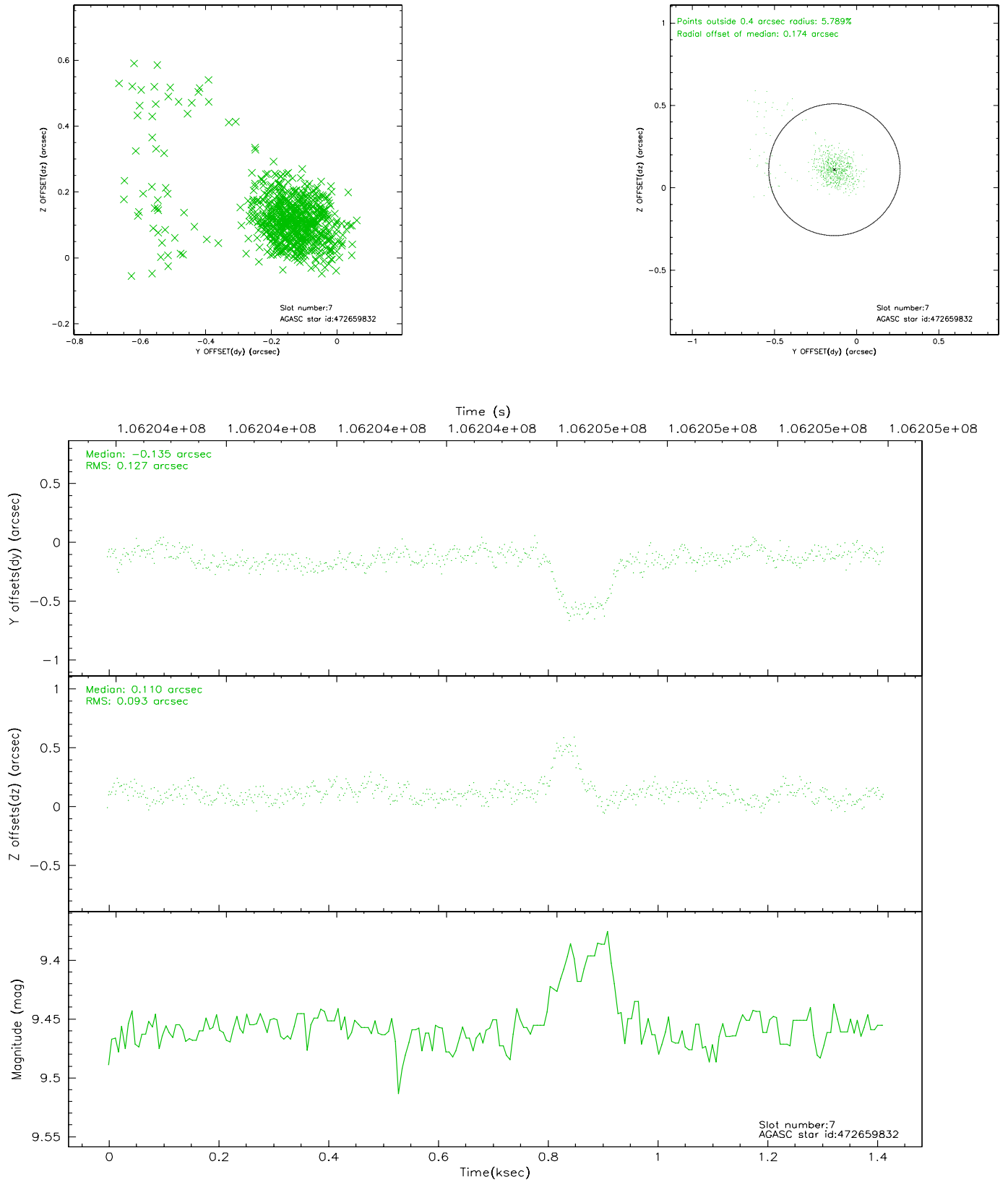
2.4.3 Slot 5



2.4.4 Slot 6

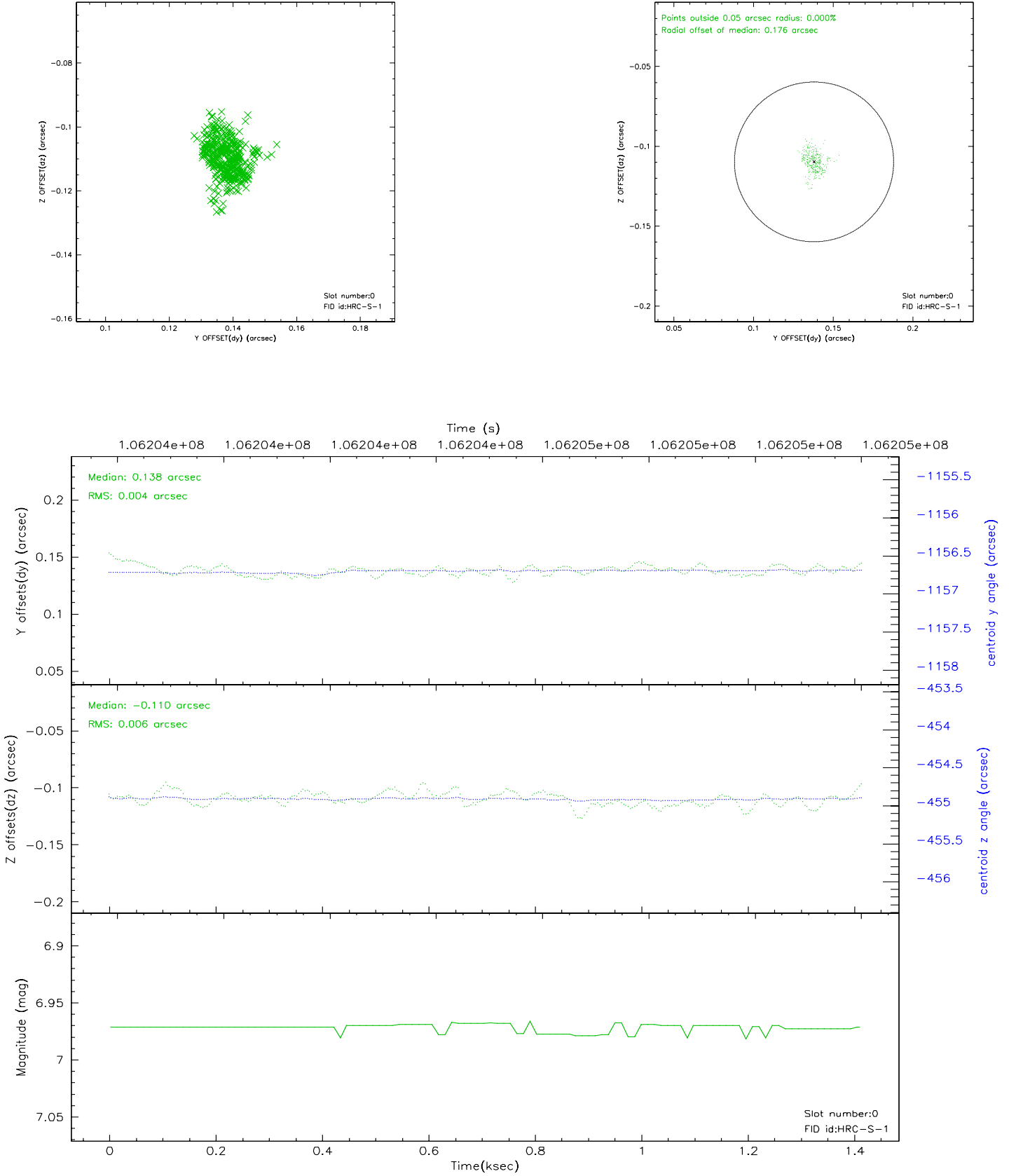


2.4.5 Slot 7

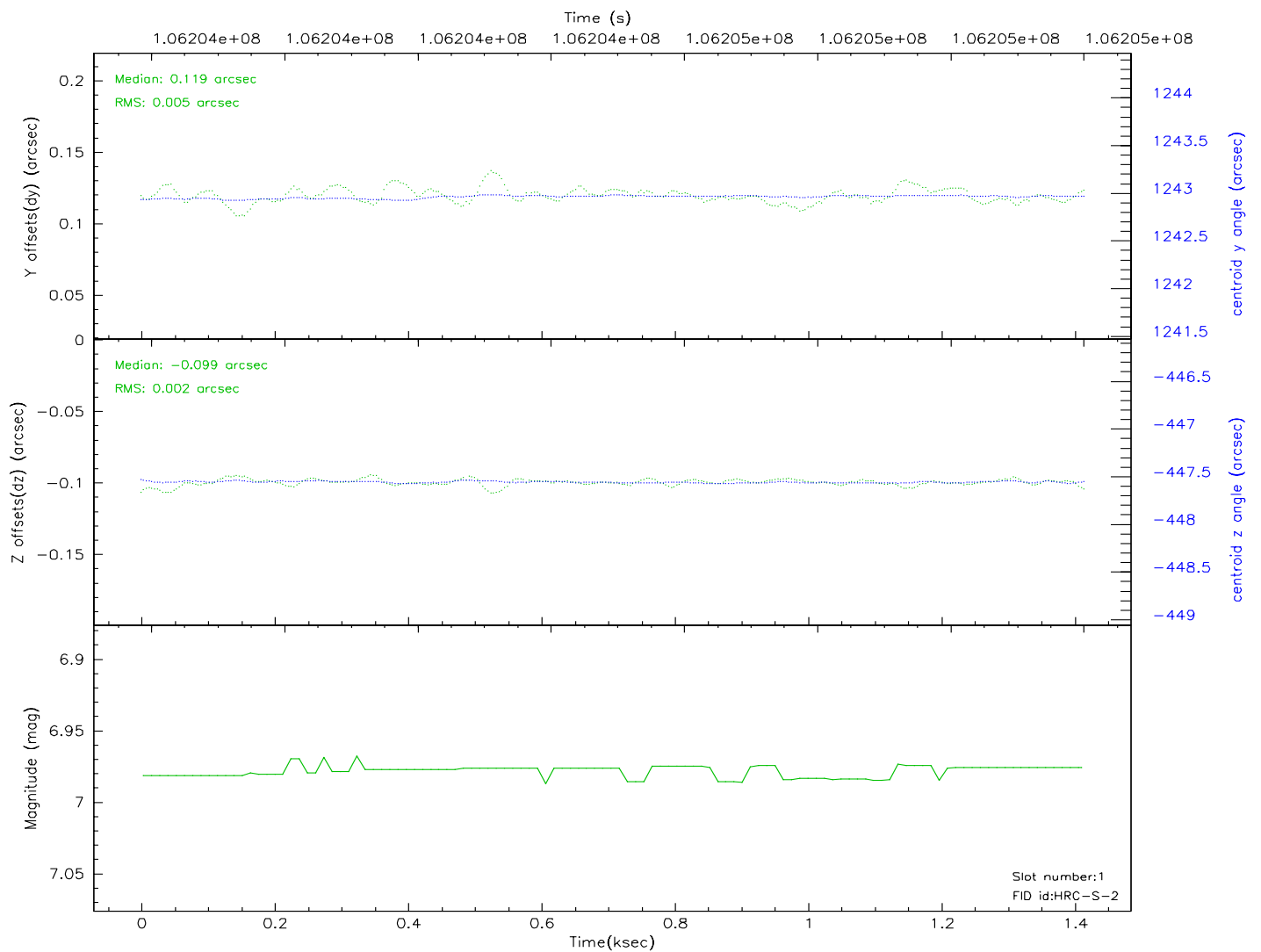
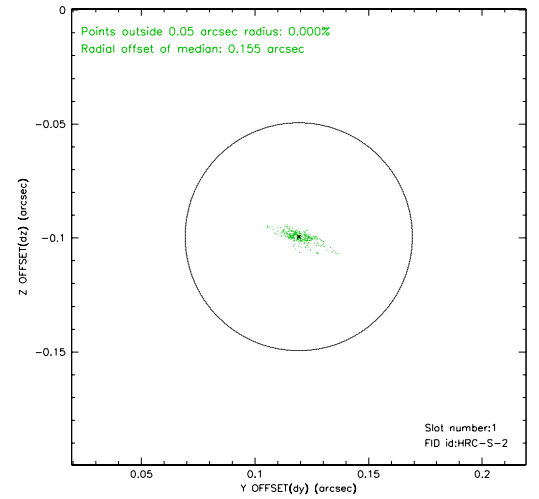
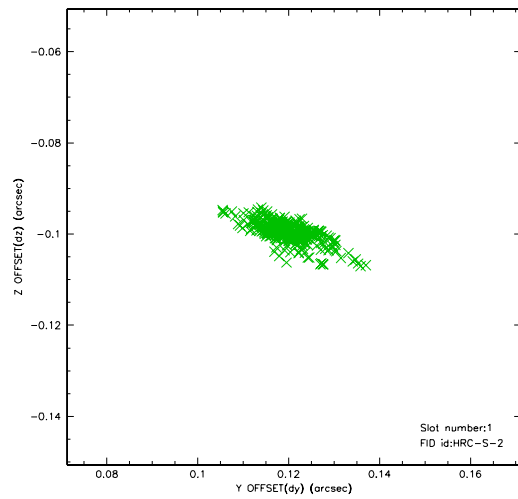


2.5 FID Slots

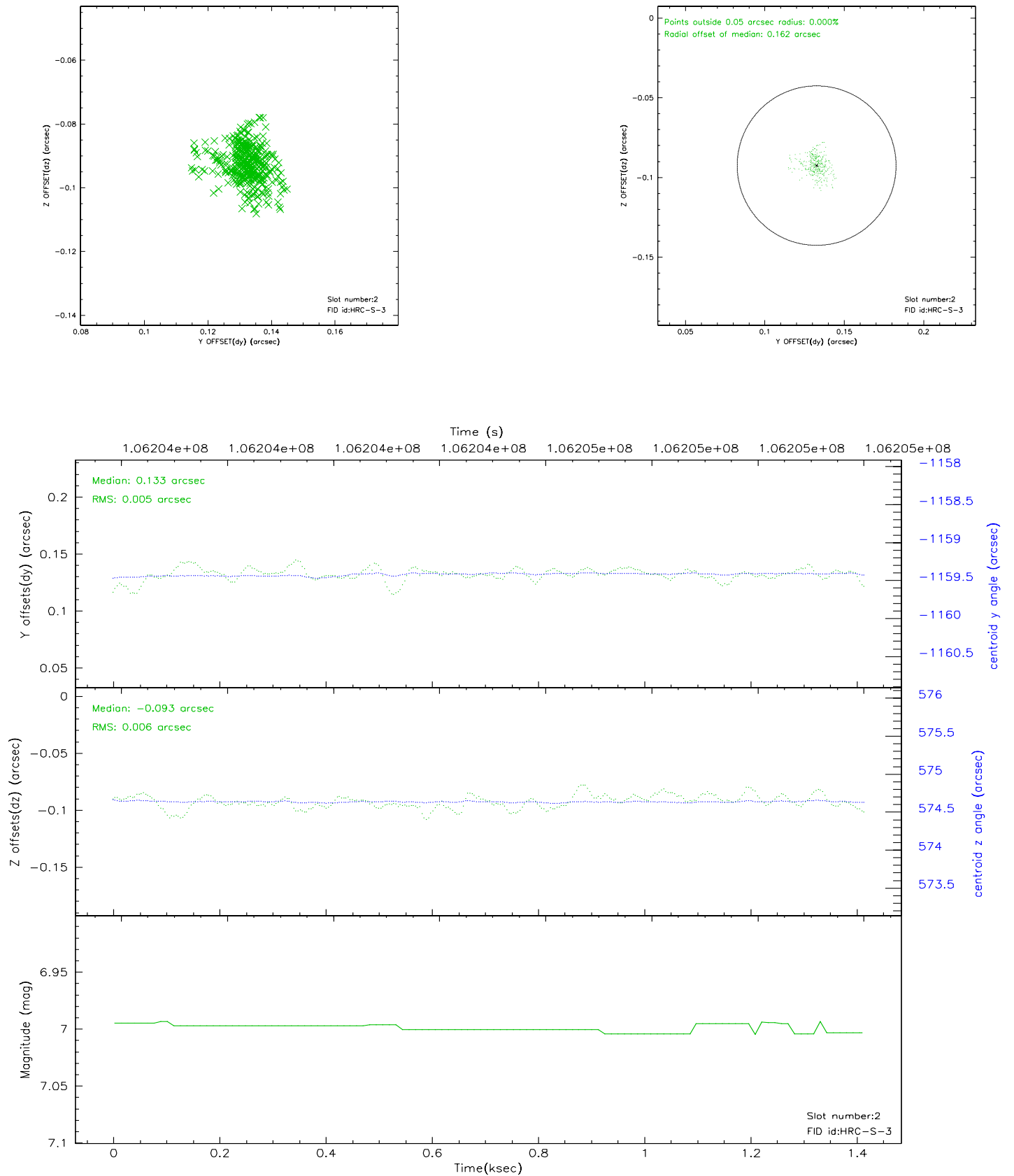
2.5.1 Slot 0



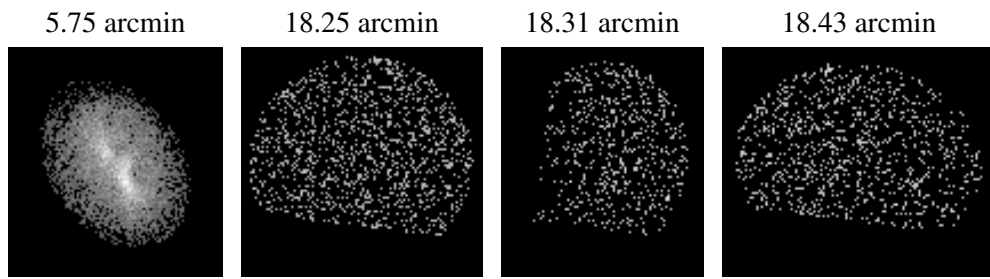
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.415

A.2 Comments