

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2451 - L2 Version 001
Chandra X-Ray Center

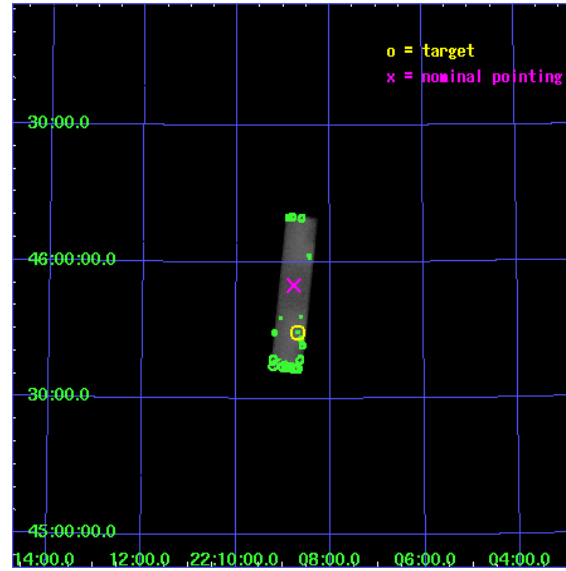
L2 Processing Date : Nov 21 2006

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1 Front

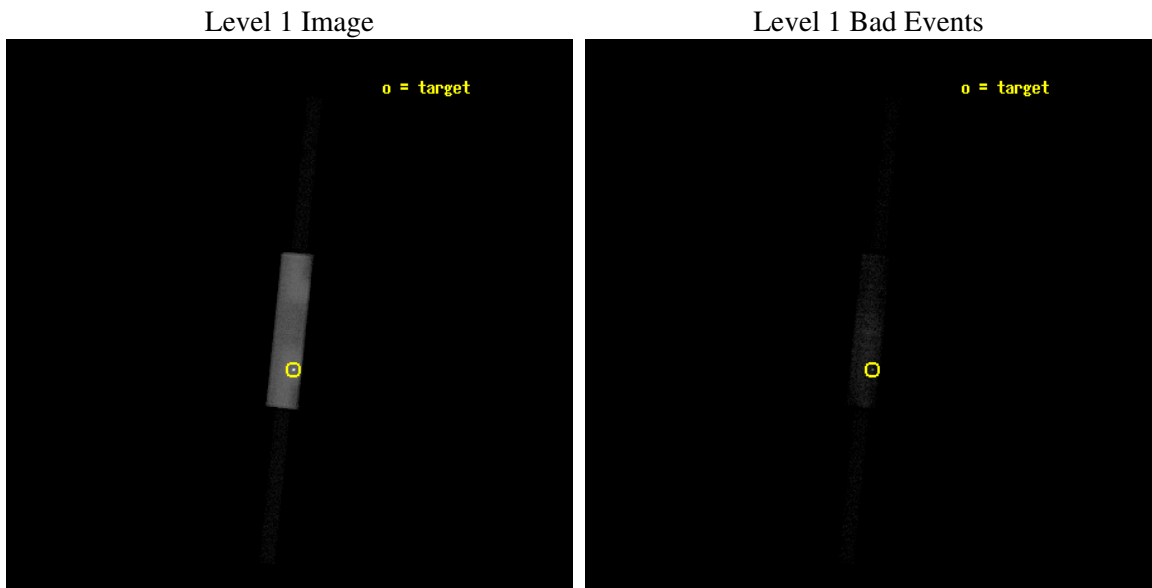
seq_num	290078
obs_id	2451
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.19307525323
dec_nom	45.915132185176
roll_nom	95.860360622661
revision	4
ontime	1369.656303212
livetime	1345.0804363041
l2events	177818



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	2006-11-21T15:50:23
revision	3

sched_exp_time	1225.360000
ontime	1411.4250548333
l1events	228267

2.1.3 Events

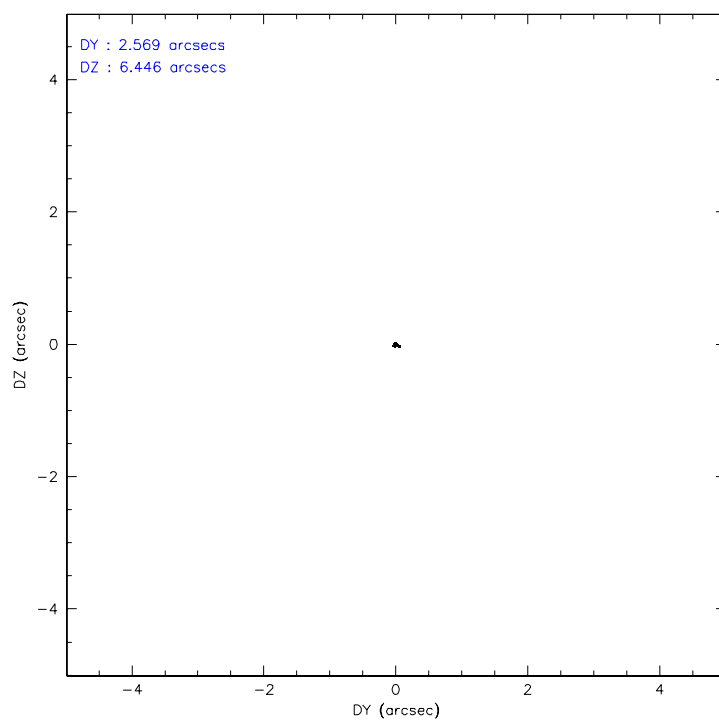
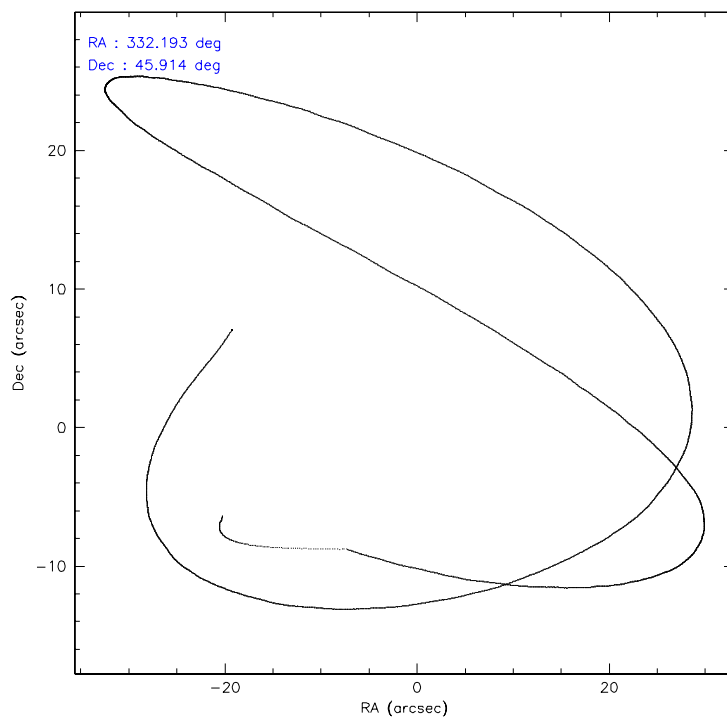
Level 1 Events

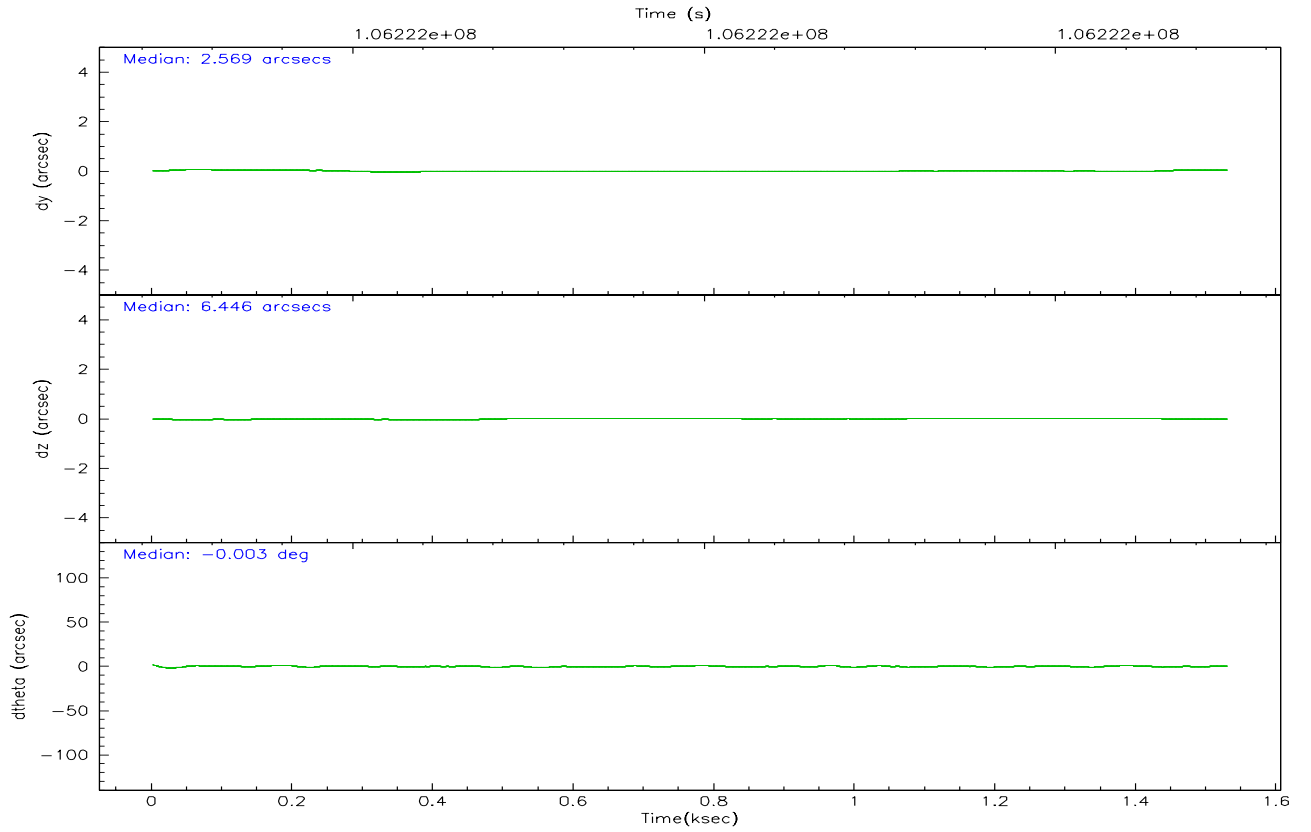
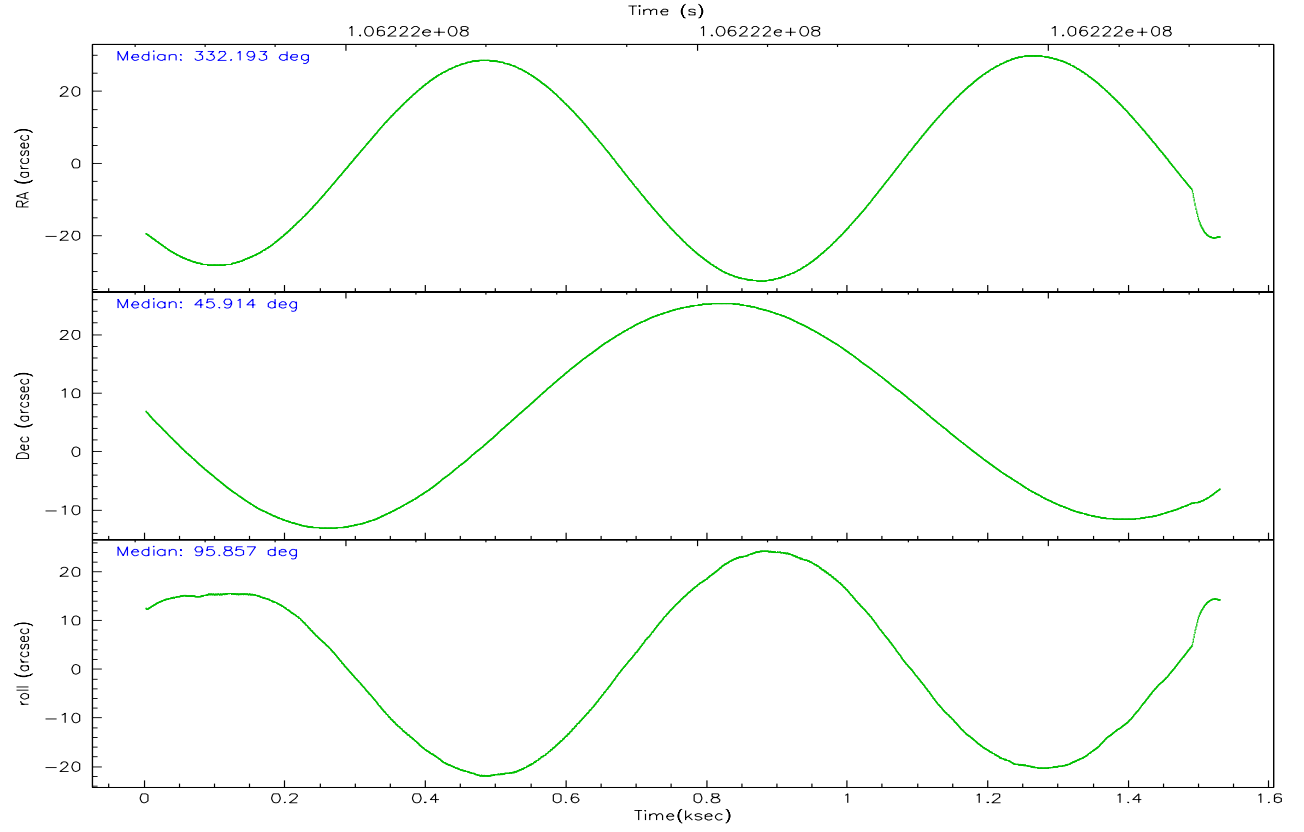
	segment 1	segment 2	segment 3
level 1 events	3692	221403	3172
rejected events	3692	39227	3172
rejected %	100%	17%	100%

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	332.218616	332.1930752532316			
Pointing Dec	45.893834	45.91513218517601			
Pointing Roll	95.774699	95.86036062266068			
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	106221403.184000	106221026.88397			
Observation start date	2001-05-14T09:55:39	2001-05-14T09:50:26			
Observation end time	106222628.184000	106223409.49657			
Observation end date	2001-05-14T10:16:04	2001-05-14T10:30:09			

2.3 Aspect



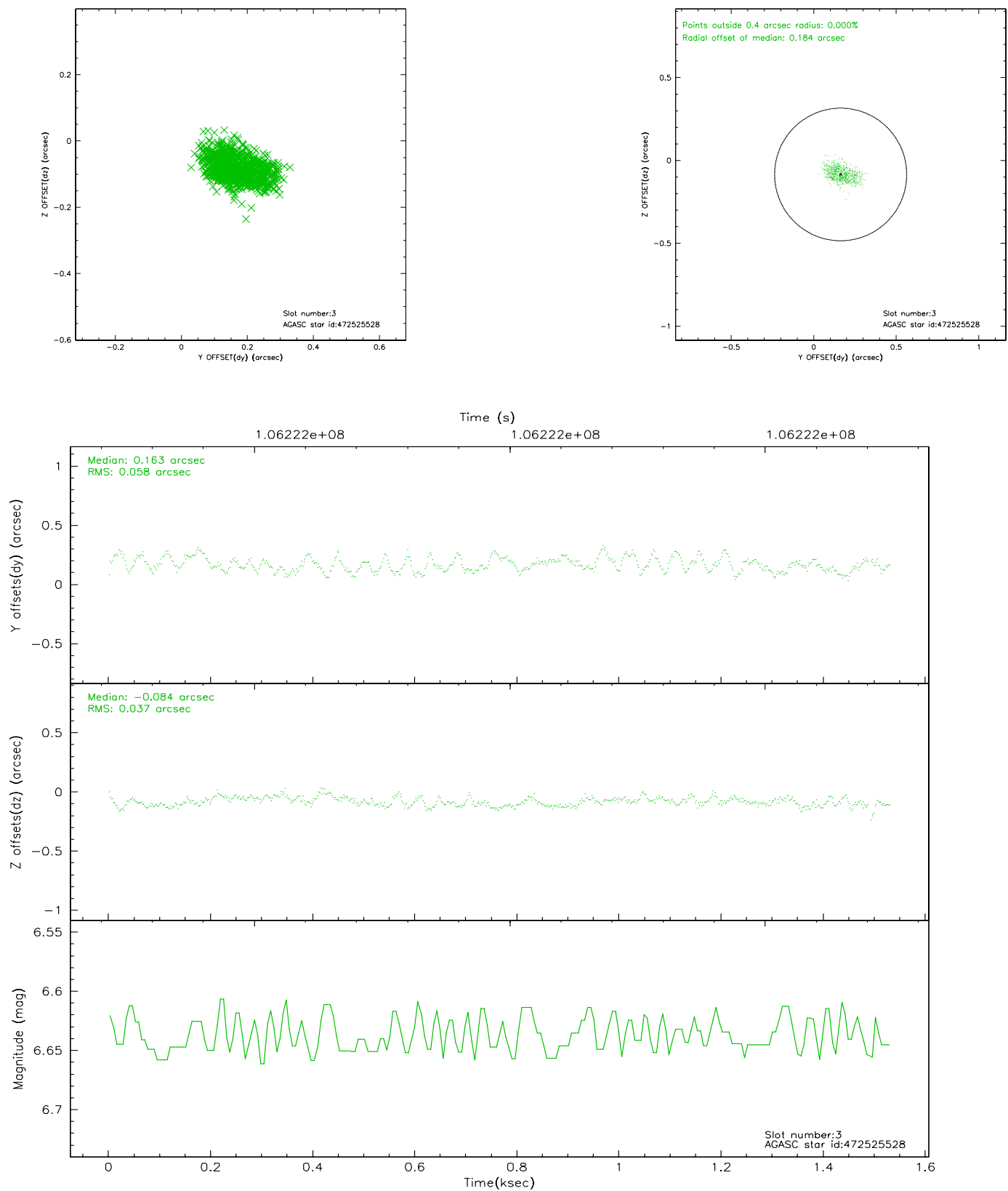


Slot Statistics

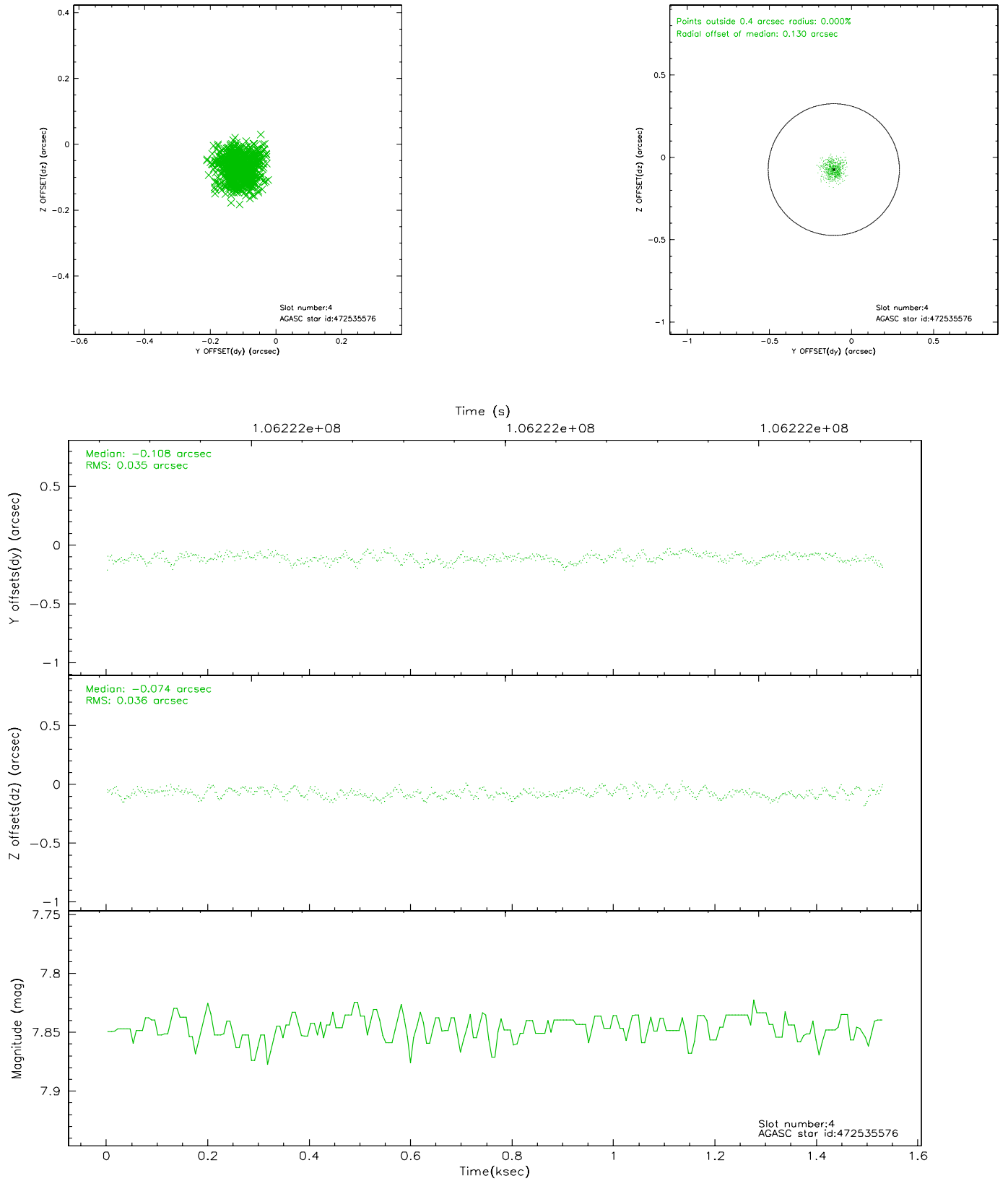
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	368	0.135	-0.104	0.006	0.009	0.000000	0.000000	-1156.61	-454.95
1	FID	HRC-S-2	6.98	368	0.120	-0.098	0.005	0.008	0.000000	0.000000	1239.92	-448.83
2	FID	HRC-S-3	7.00	366	0.135	-0.099	0.006	0.011	0.000000	0.000000	-1155.93	573.36
3	GUIDE	472525528	6.64	745	0.163	-0.084	0.073	0.119	331.551102	45.248694	-2129.67	1915.05
4	GUIDE	472535576	7.85	745	-0.108	-0.074	0.054	0.086	331.438373	46.291802	1630.93	1787.52
5	GUIDE	472536328	8.12	745	-0.143	-0.019	0.050	0.079	331.496671	46.454831	2203.38	1578.96
6	GUIDE	472523760	8.24	745	0.138	0.048	0.071	0.114	331.645363	45.403260	-1599.38	1619.87
7	GUIDE	472663088	9.02	744	-0.055	0.127	0.094	0.151	332.931735	46.600119	2361.91	-2010.25

2.4 Star Slots

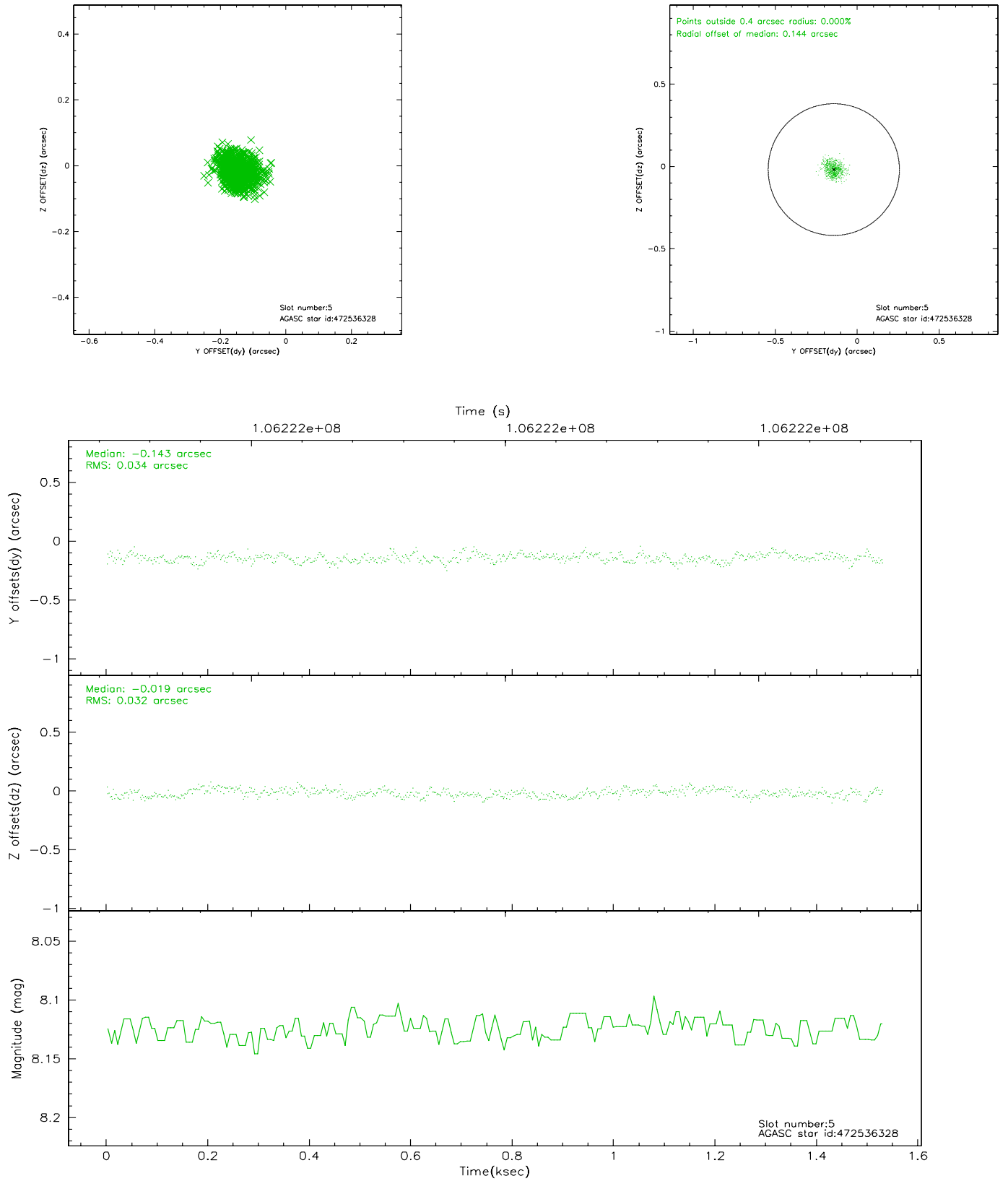
2.4.1 Slot 3



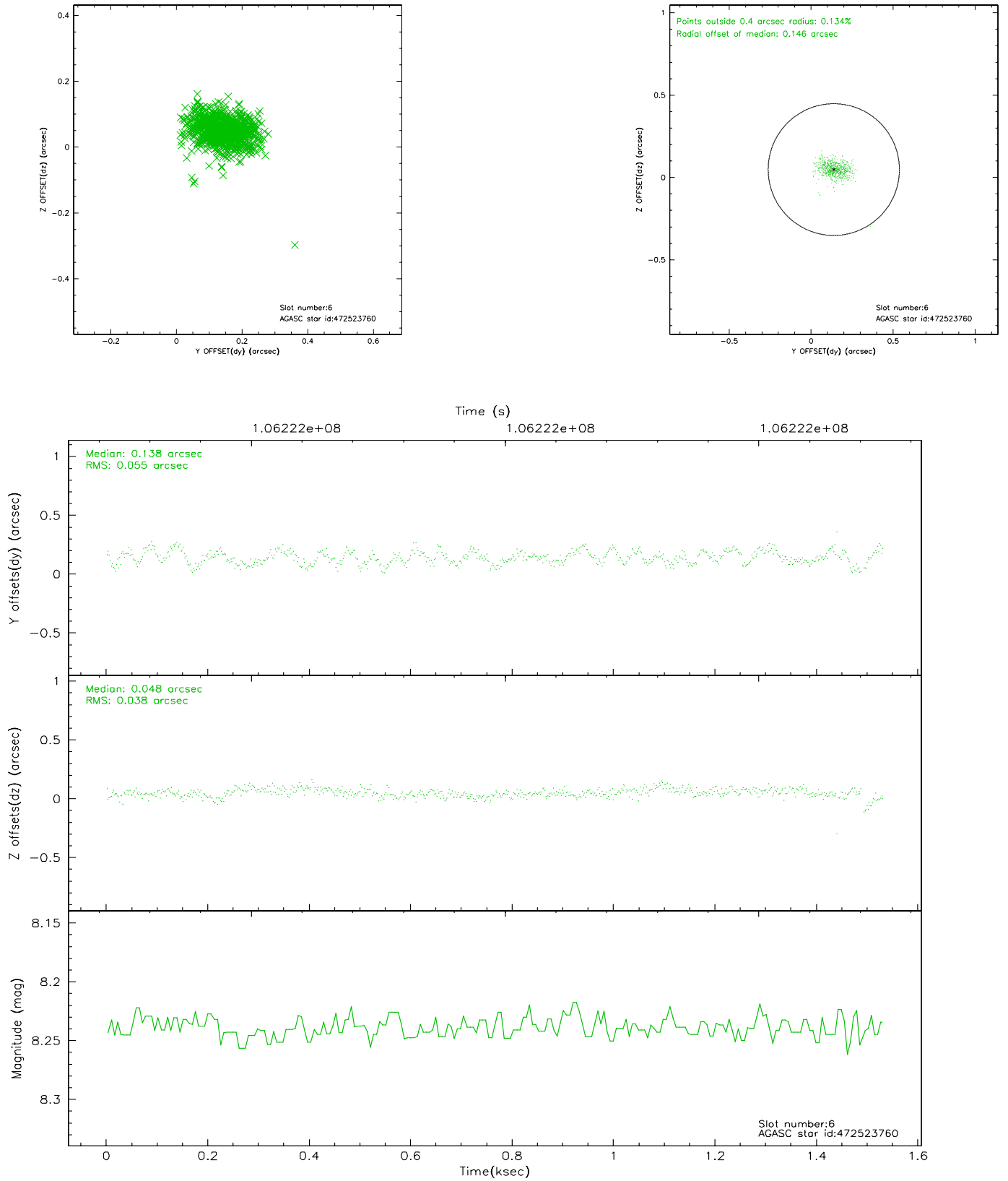
2.4.2 Slot 4



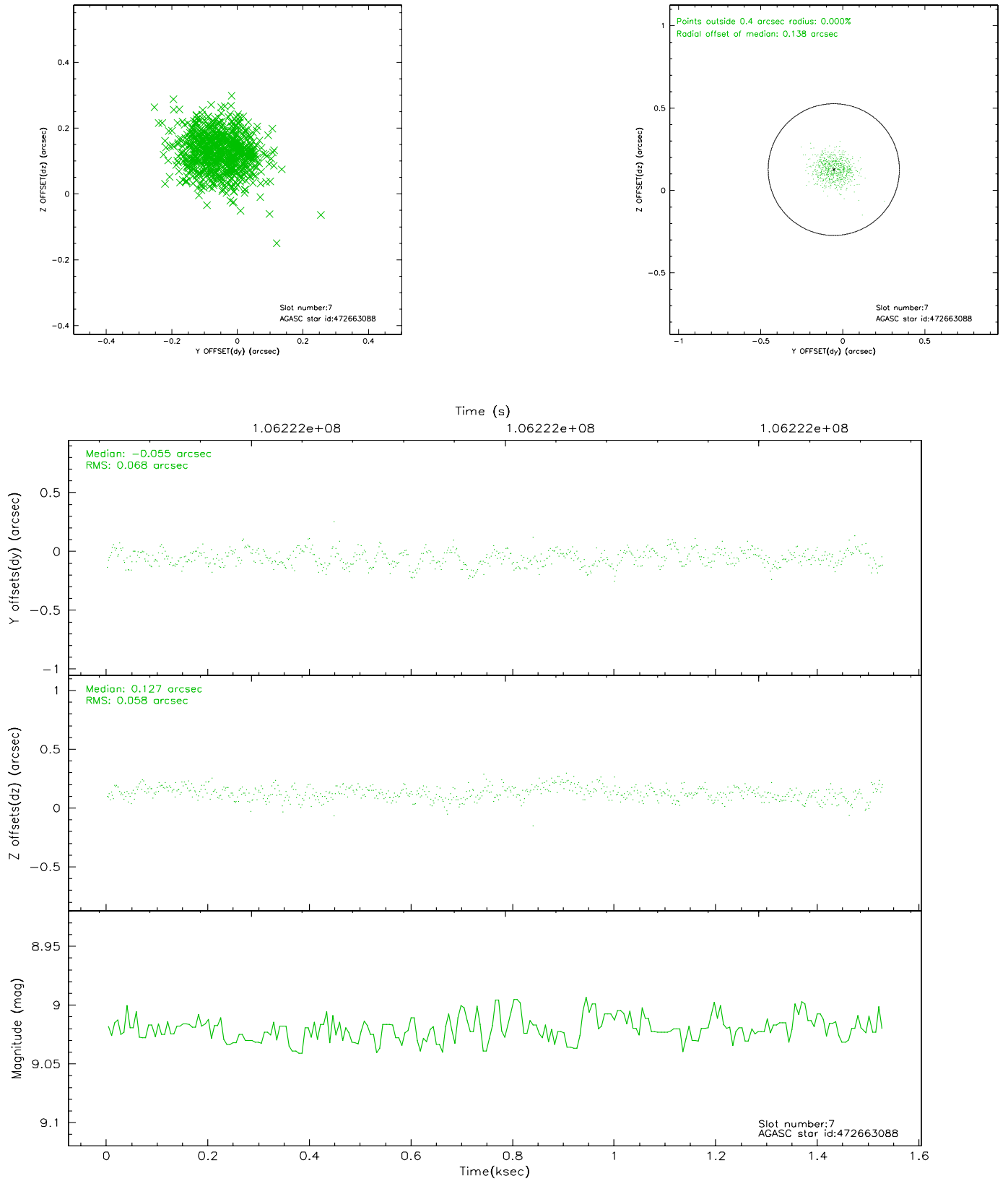
2.4.3 Slot 5



2.4.4 Slot 6

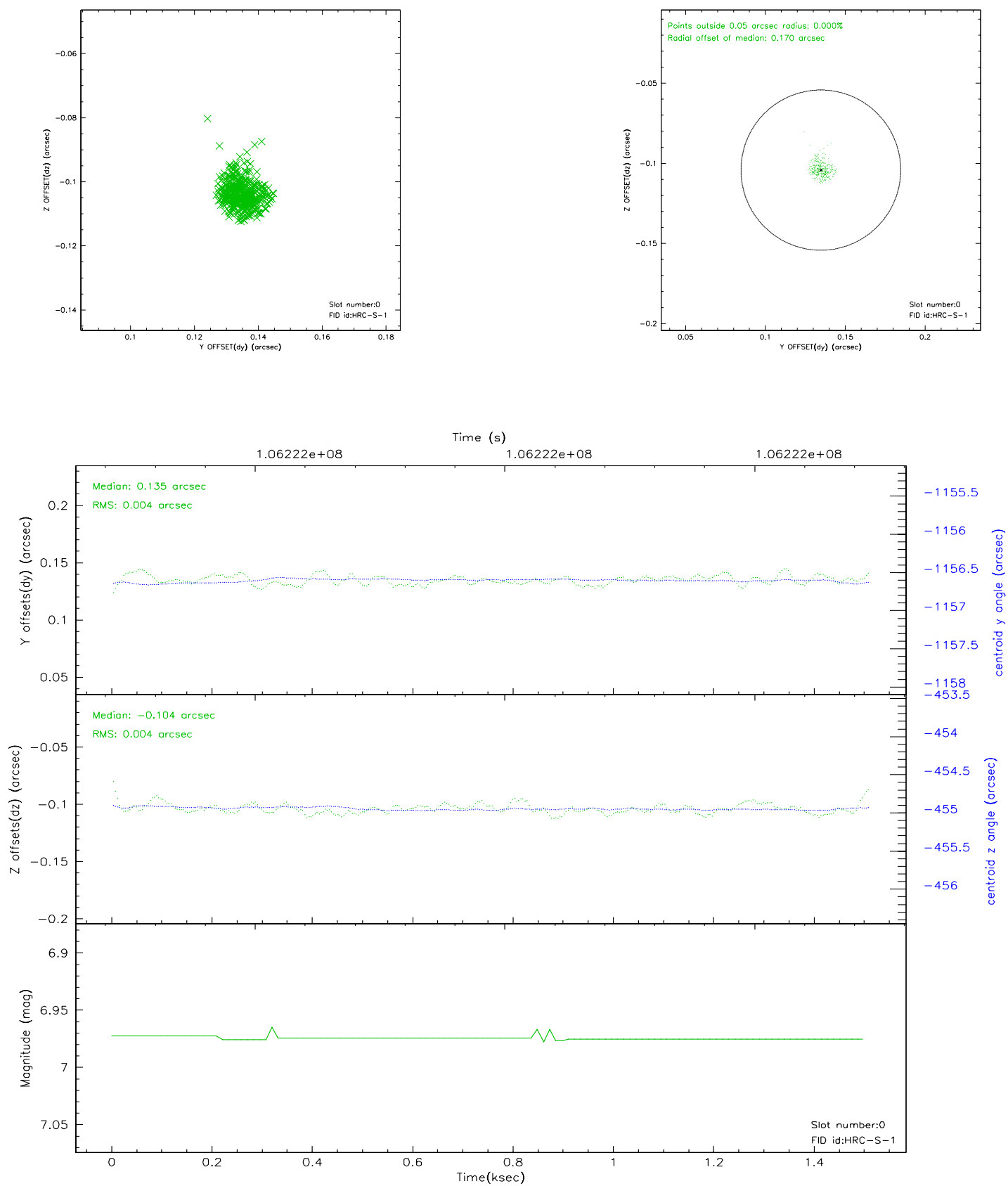


2.4.5 Slot 7

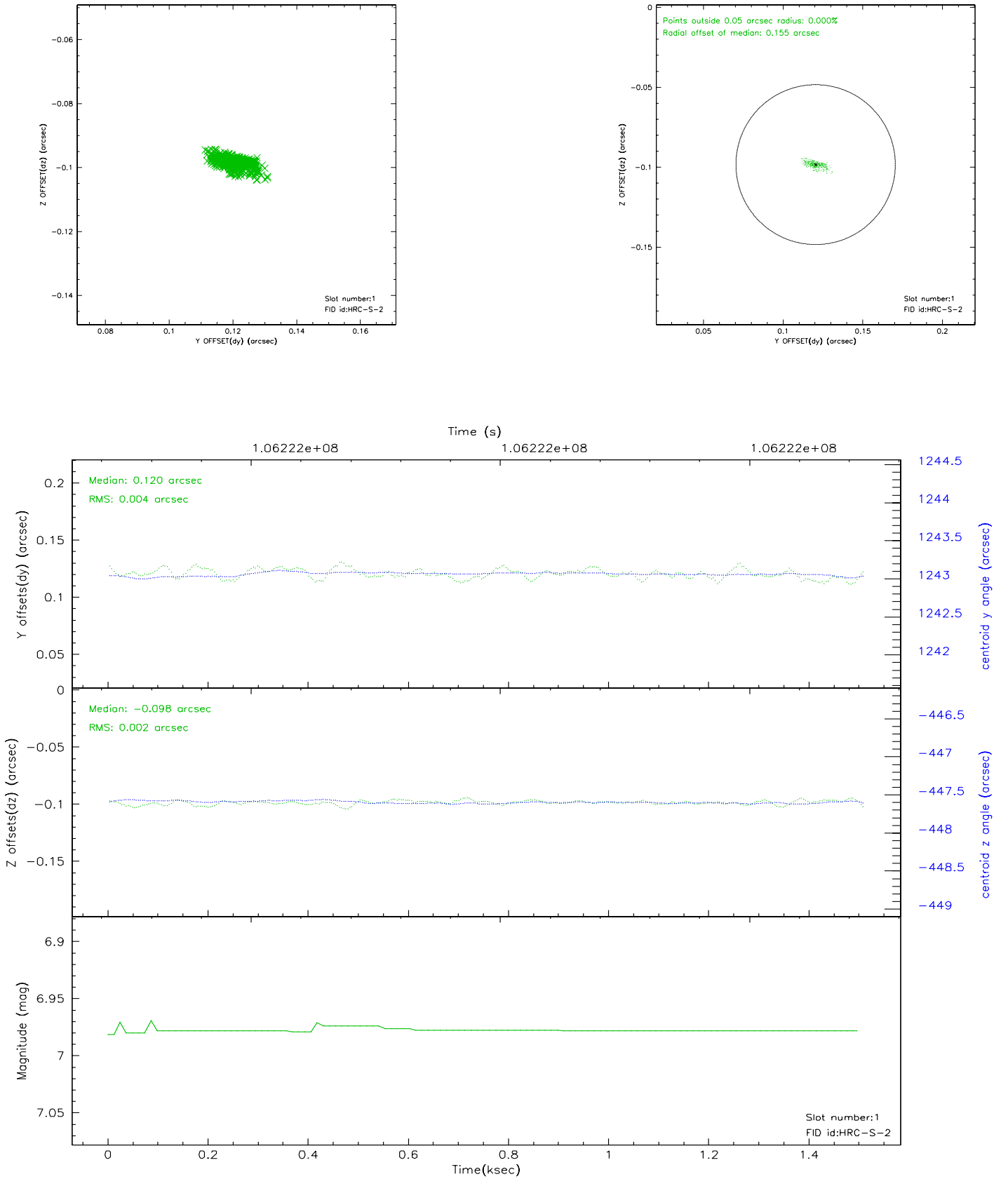


2.5 FID Slots

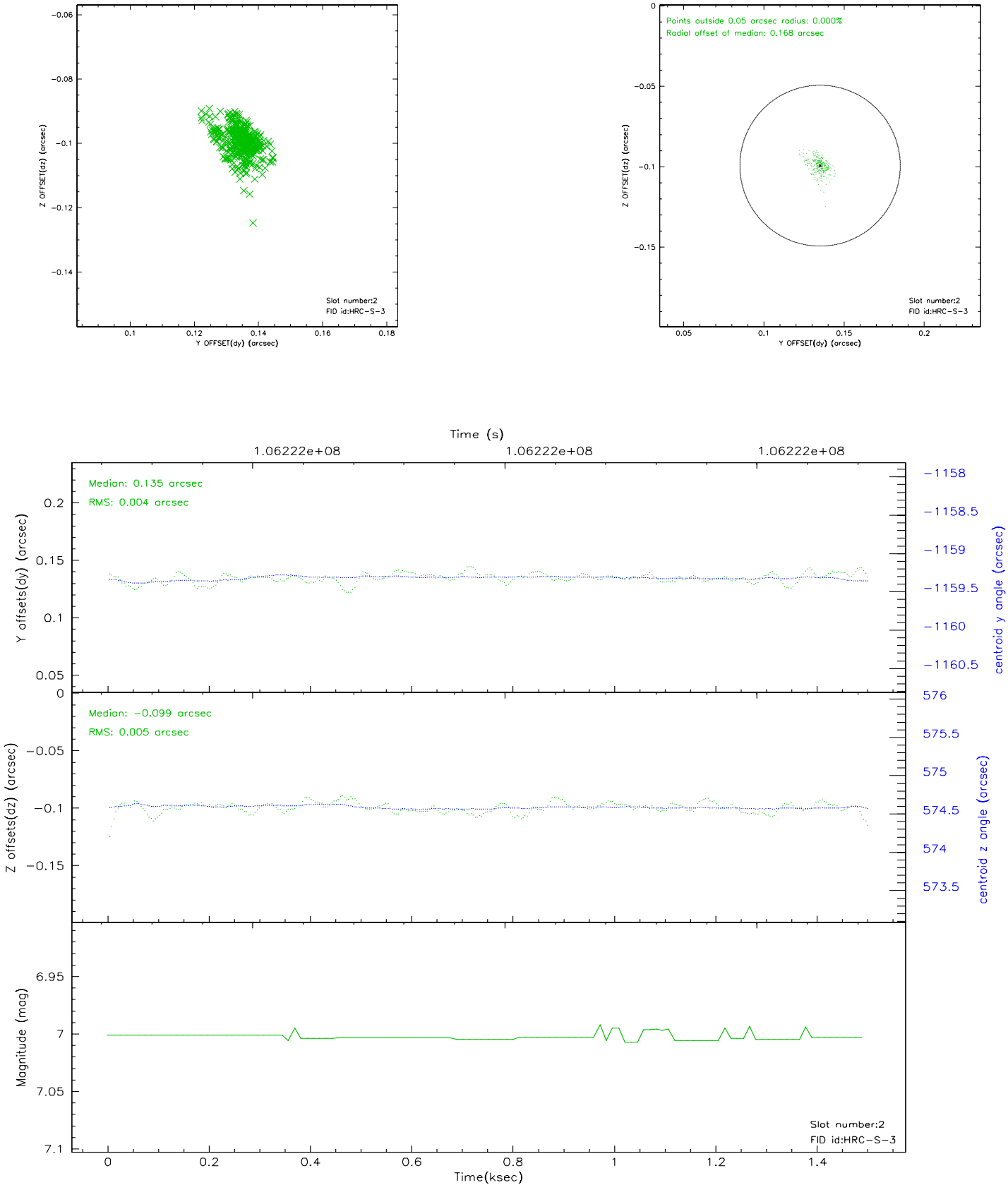
2.5.1 Slot 0



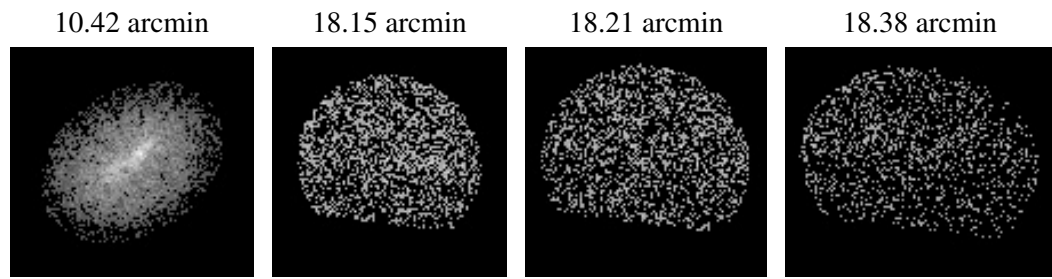
2.5.2 Slot 1



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	1.41

A.2 Comments