

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2641 - L2 Version 001
Chandra X-Ray Center

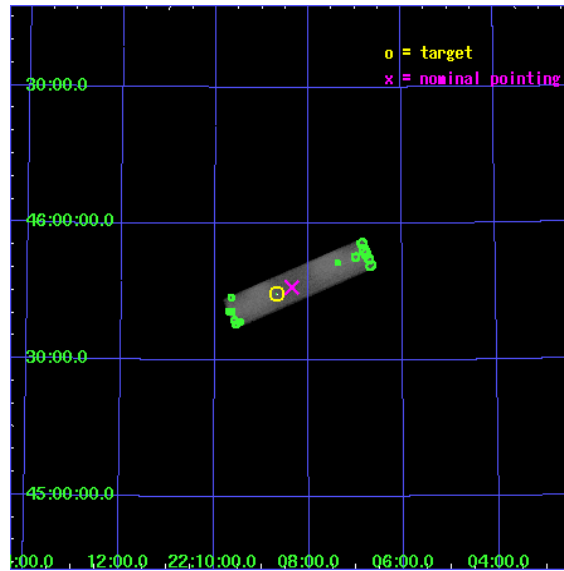
L2 Processing Date : Aug 29 2006

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1 Front

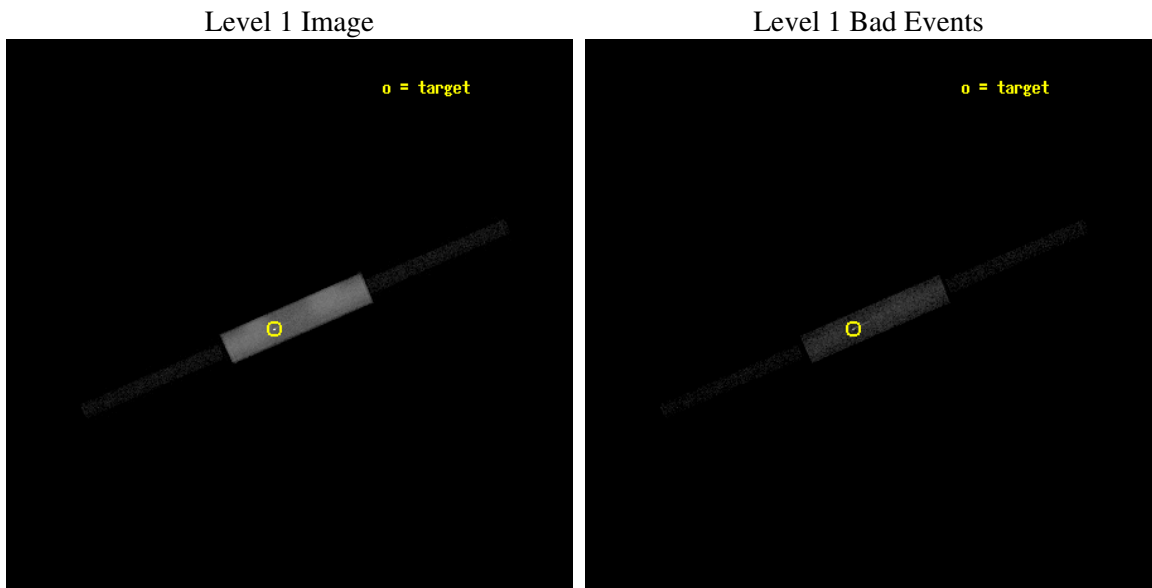
seq_num	290197
obs_id	2641
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.08960226404
dec_nom	45.767834690038
roll_nom	336.52651434093
revision	2
ontime	1142.1062960178
livetime	1123.3567493113
l2events	130651



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-29T03:16:57
revision	2

sched_exp_time	1000.000000
ontime	1192.3312980384
l1events	190400

2.1.3 Events

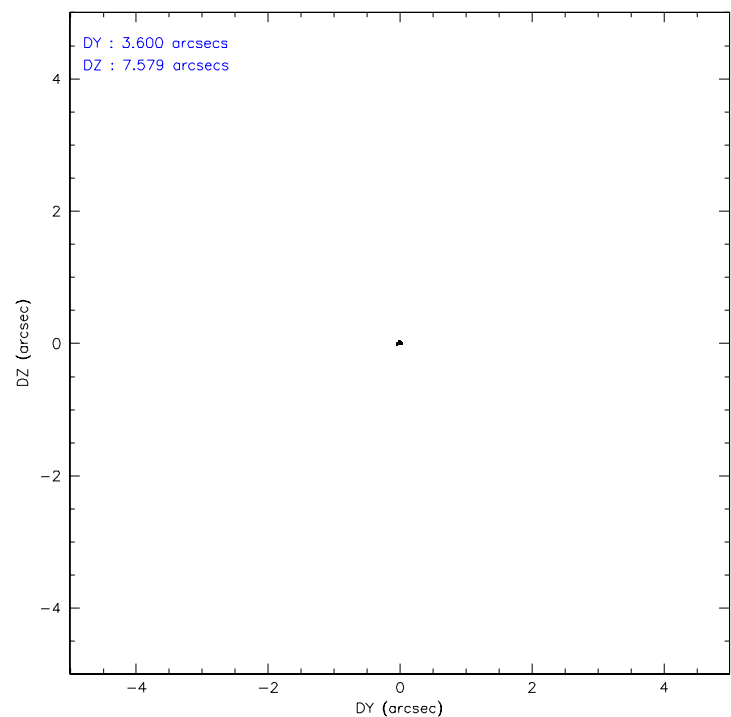
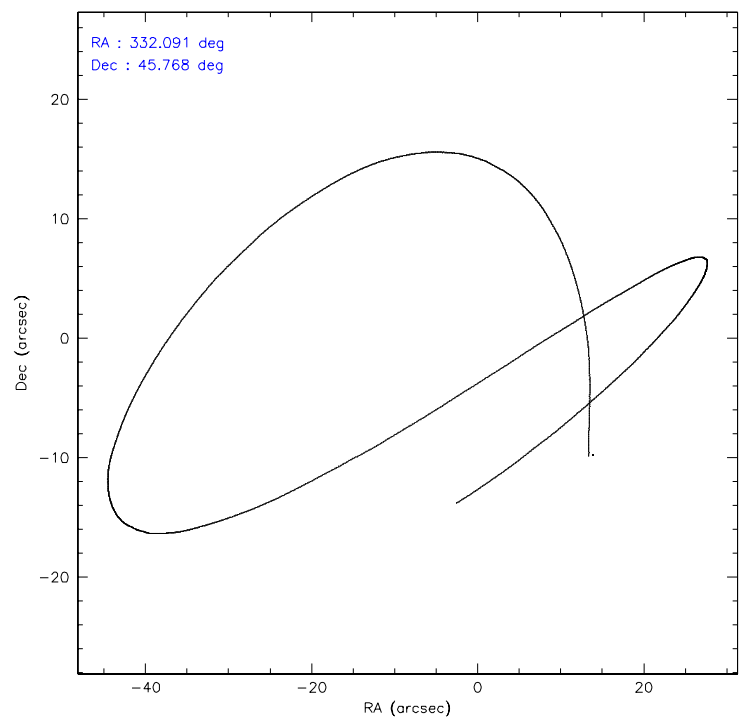
Level 1 Events

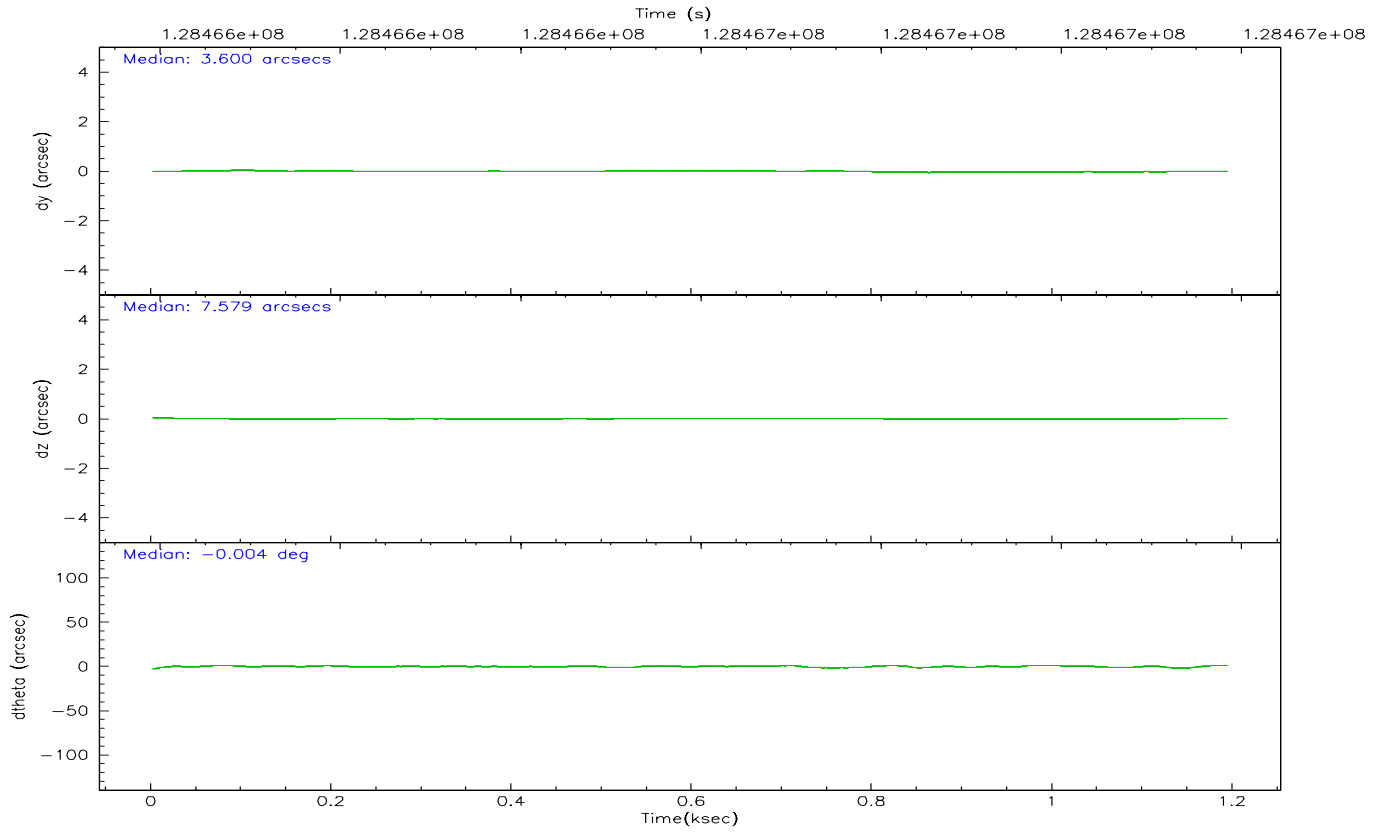
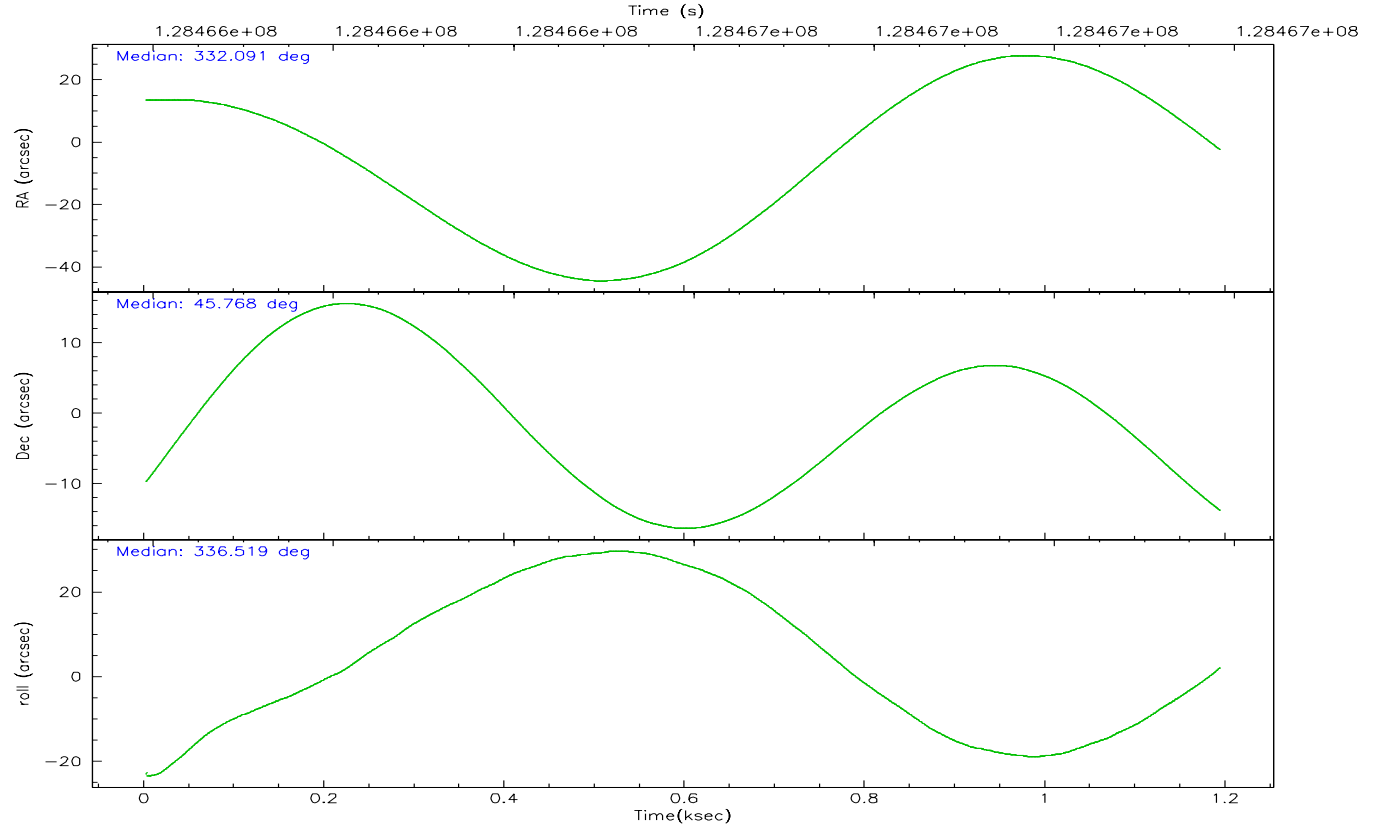
	segment 1	segment 2	segment 3
level 1 events	3766	183413	3221
rejected events	3766	49271	3221
rejected %	100%	26%	100%

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	332.048043	332.0896022640385			
Pointing Dec	45.762313	45.7678346900385			
Pointing Roll	336.489023	336.5265143409272			
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	128466187.184000	128465810.95177			
Observation start date	2002-01-26T21:02:03	2002-01-26T20:56:50			
Observation end time	128467187.184000	128467321.28933			
Observation end date	2002-01-26T21:18:43	2002-01-26T21:22:01			

2.3 Aspect



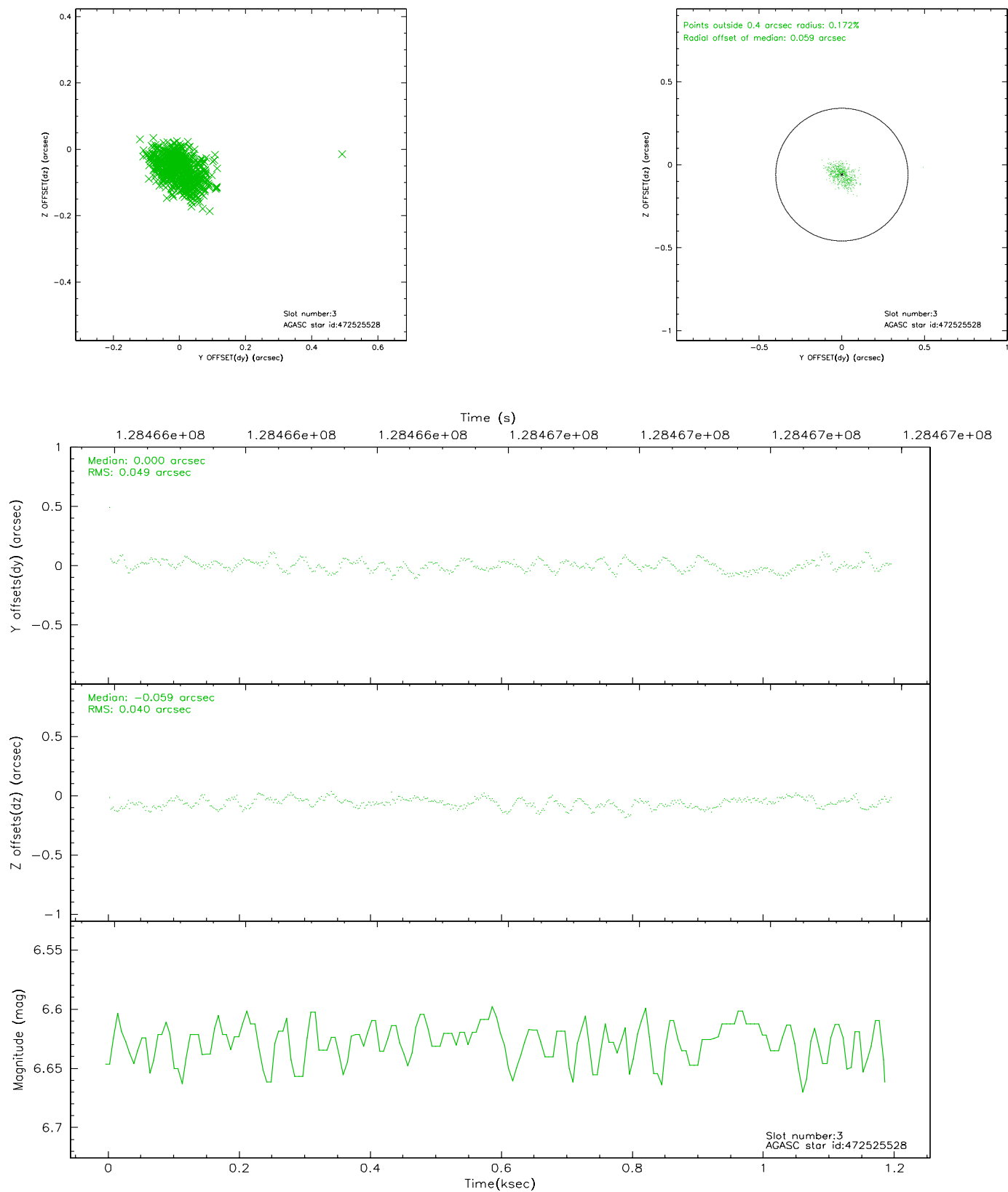


Slot Statistics

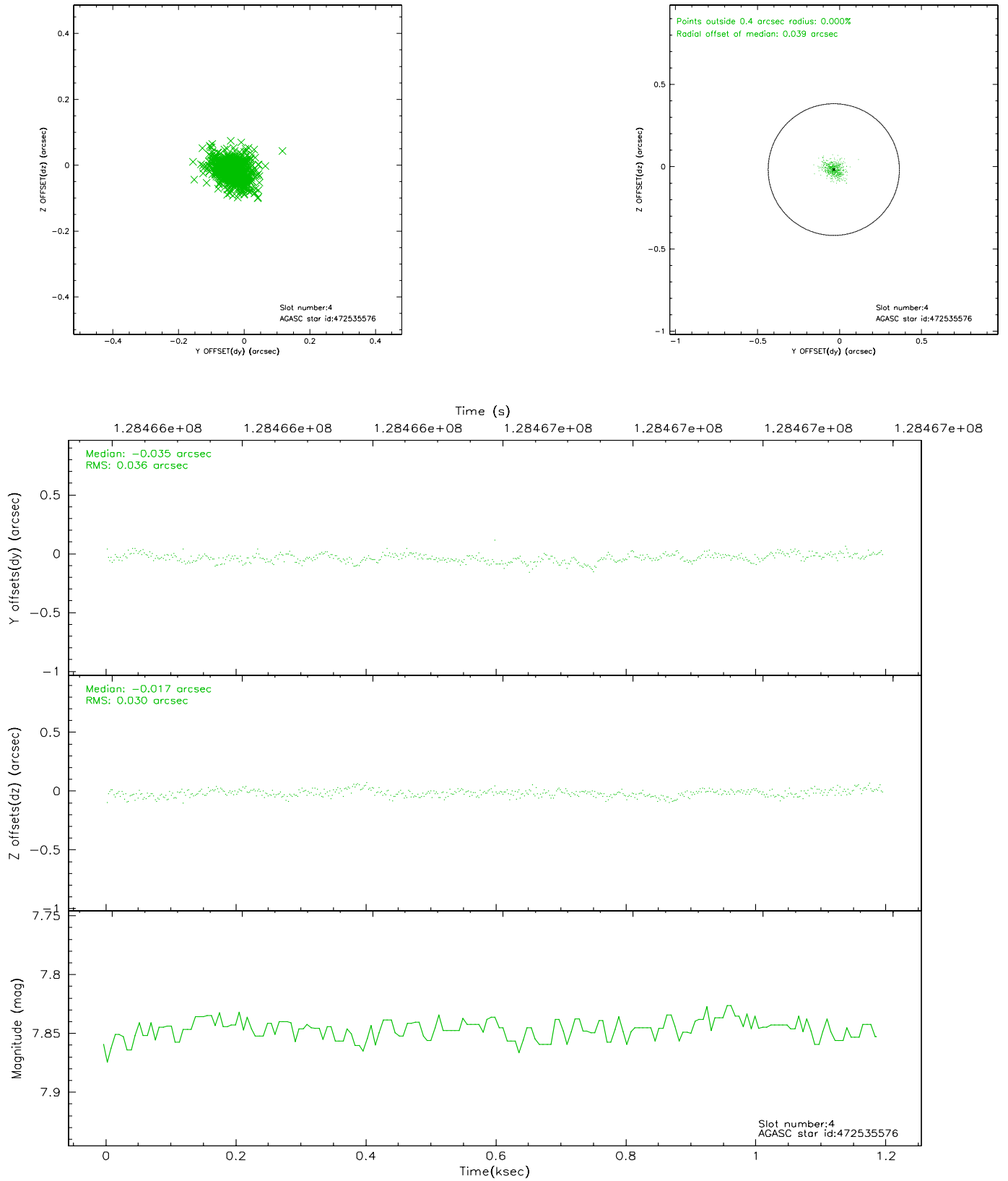
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	291	0.153	-0.084	0.008	0.018	0.000000	0.000000	-1157.62	-456.12
1	FID	HRC-S-2	6.99	291	0.077	-0.088	0.005	0.010	0.000000	0.000000	1238.00	-450.31
2	FID	HRC-S-3	7.01	291	0.160	-0.129	0.008	0.015	0.000000	0.000000	-1156.10	571.81
3	GUIDE	472525528	6.63	583	0.000	-0.059	0.066	0.102	331.551102	45.248694	-420.29	-2198.93
4	GUIDE	472535576	7.85	583	-0.035	-0.017	0.048	0.083	331.438373	46.291802	-2155.98	1139.81
5	GUIDE	472536328	8.13	583	-0.079	0.071	0.058	0.094	331.496671	46.454831	-2256.10	1742.33
6	GUIDE	472659832	9.47	583	0.092	0.050	0.099	0.153	332.780399	46.098139	1185.16	1844.40
7	GUIDE	472654568	9.43	582	0.033	-0.037	0.106	0.168	332.194449	45.063576	1345.46	-2158.97

2.4 Star Slots

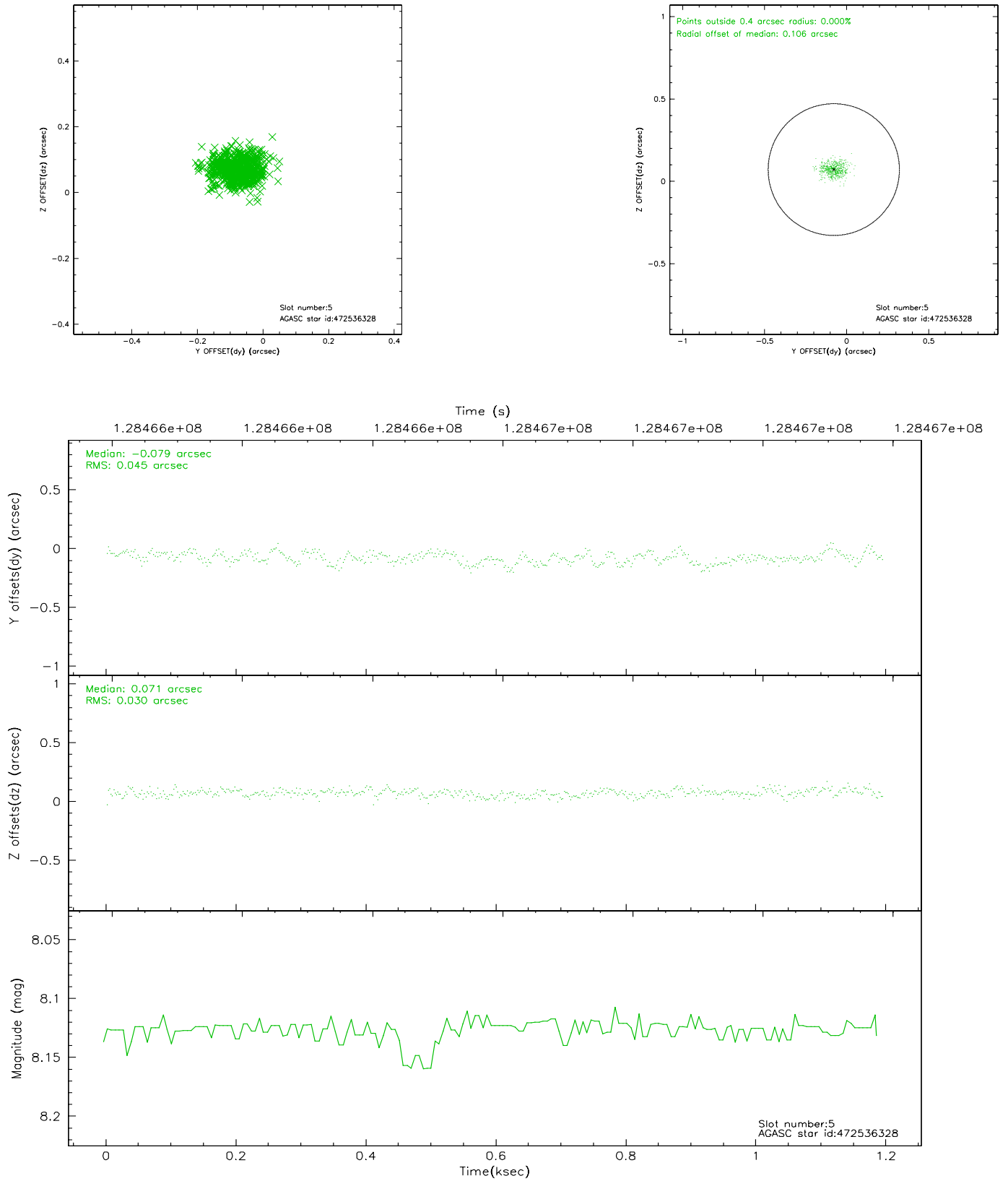
2.4.1 Slot 3



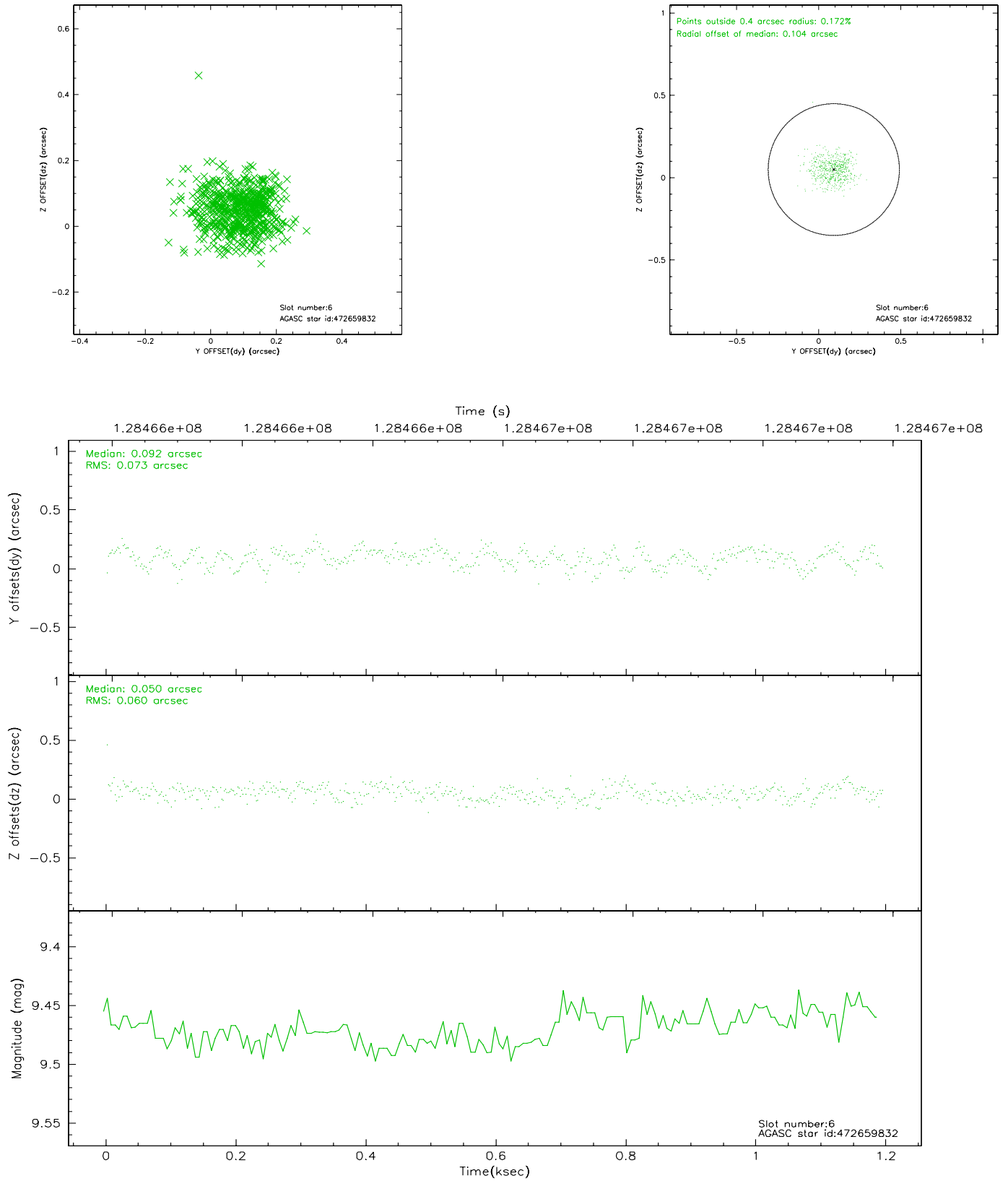
2.4.2 Slot 4



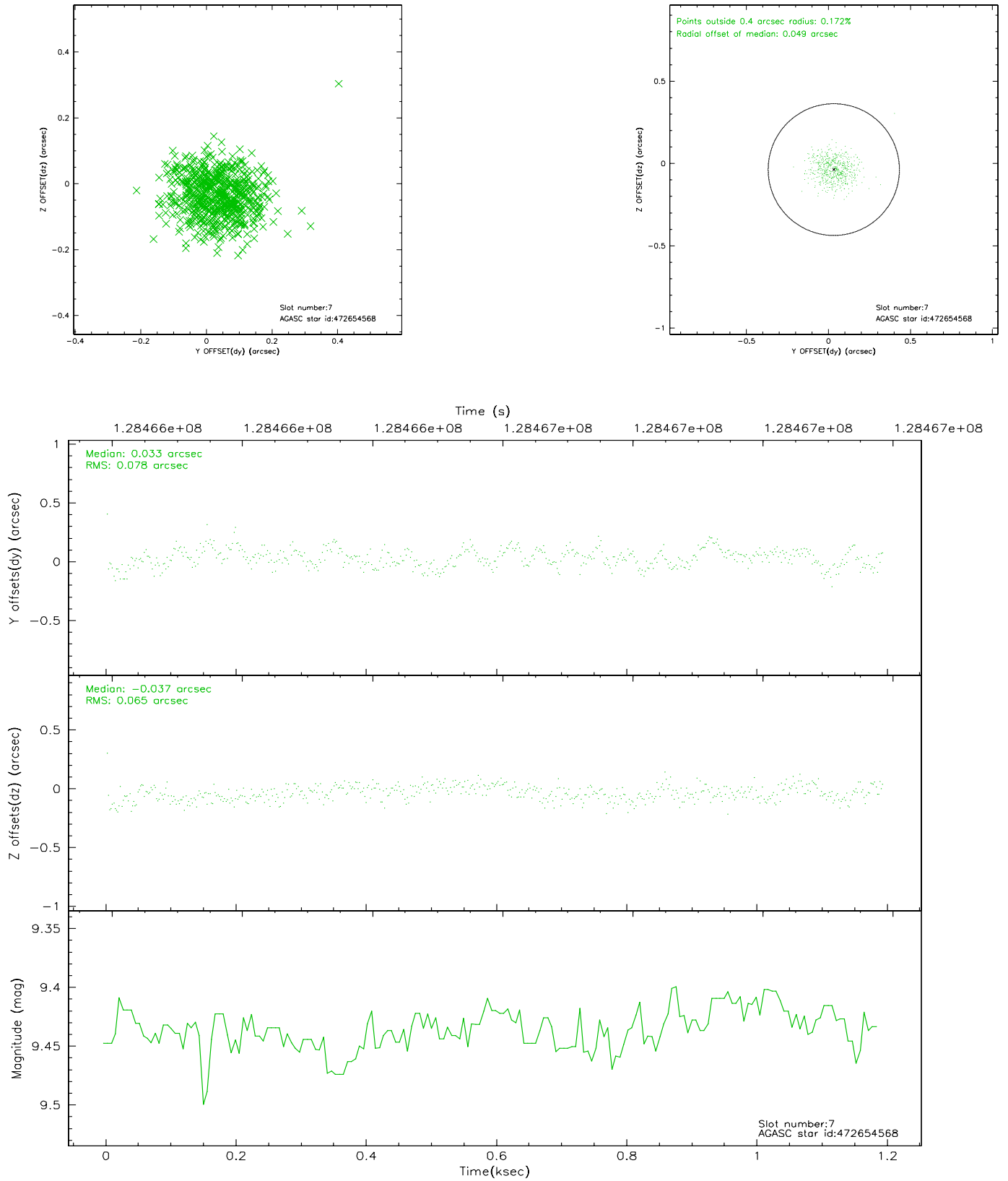
2.4.3 Slot 5



2.4.4 Slot 6

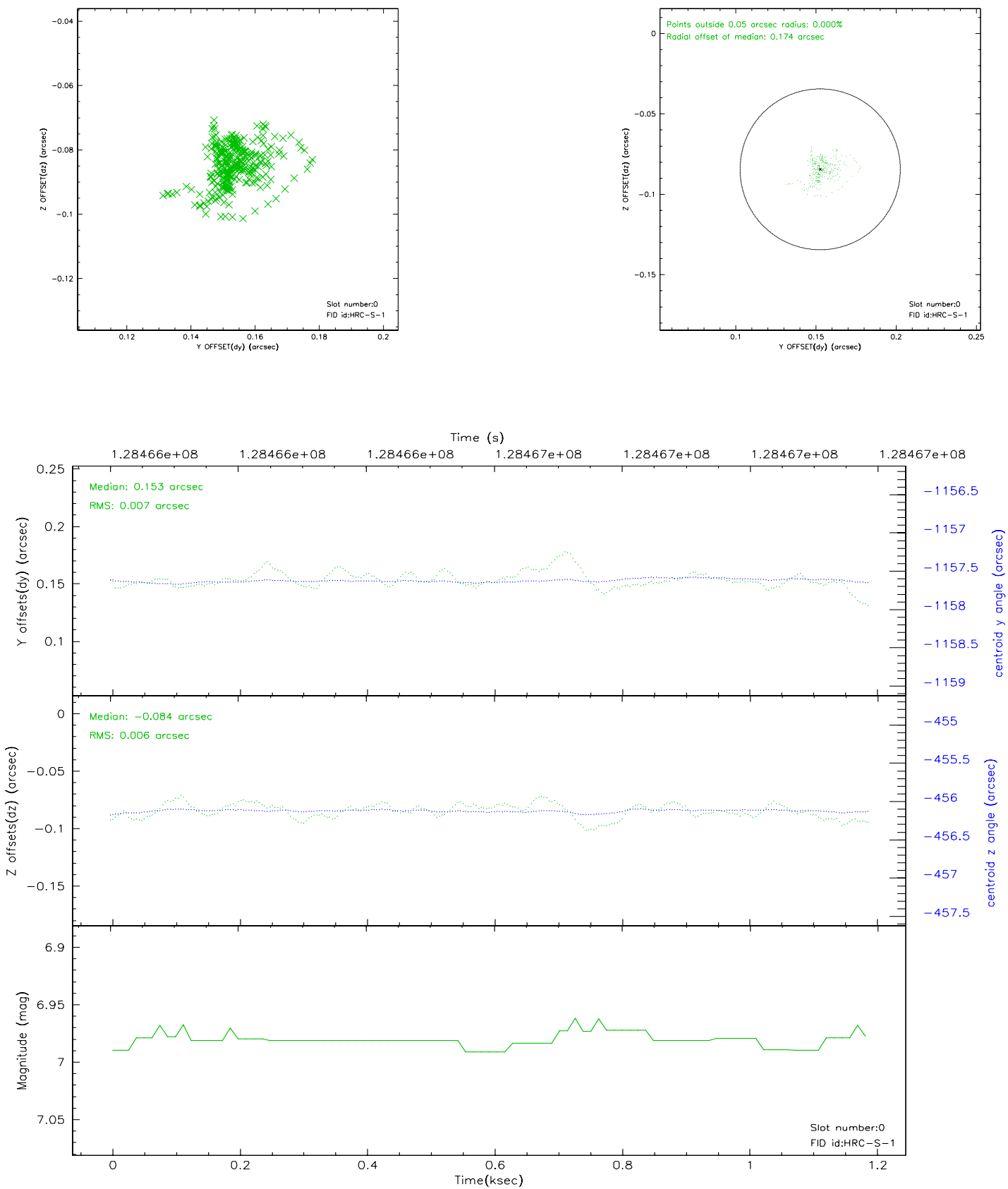


2.4.5 Slot 7

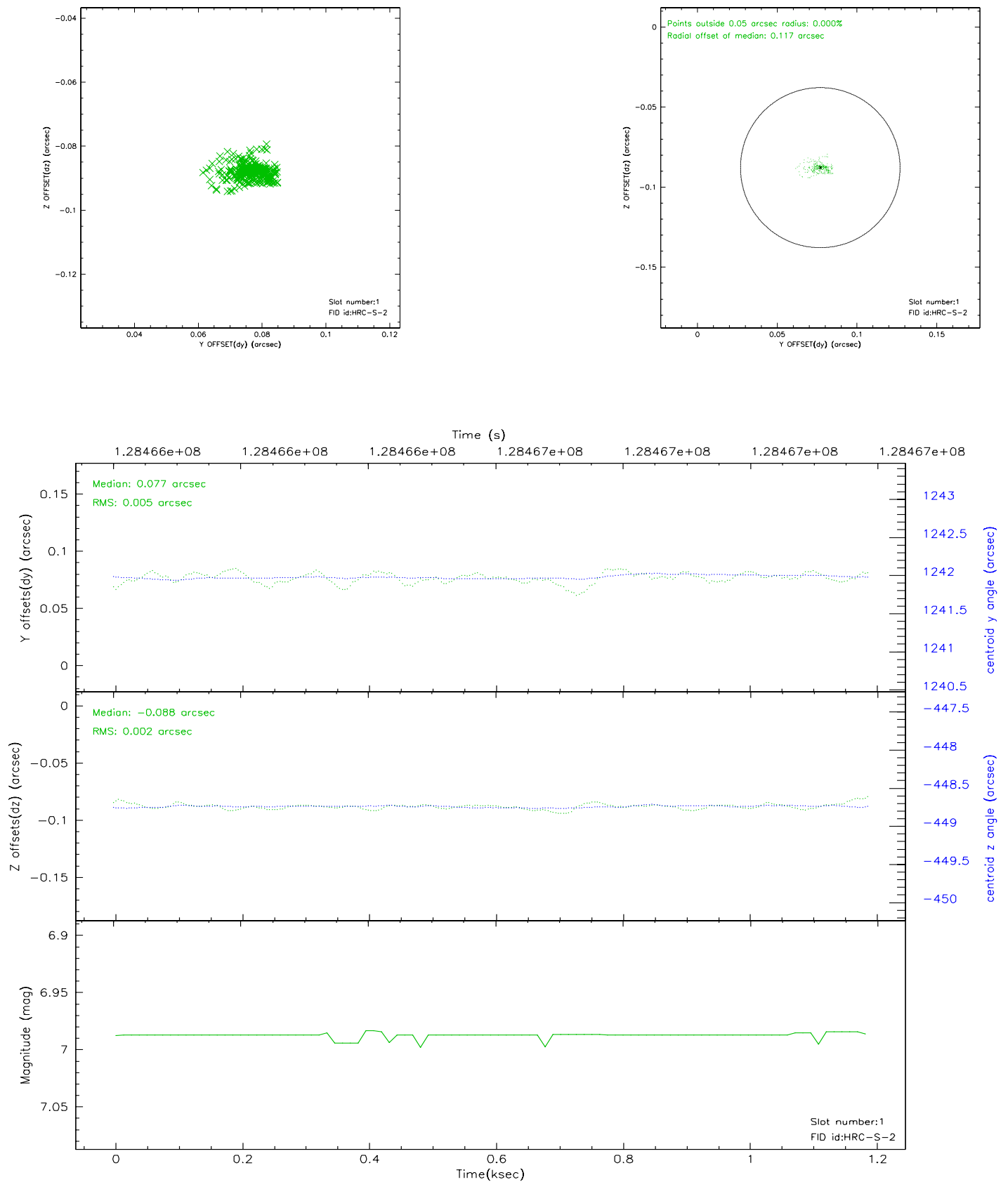


2.5 FID Slots

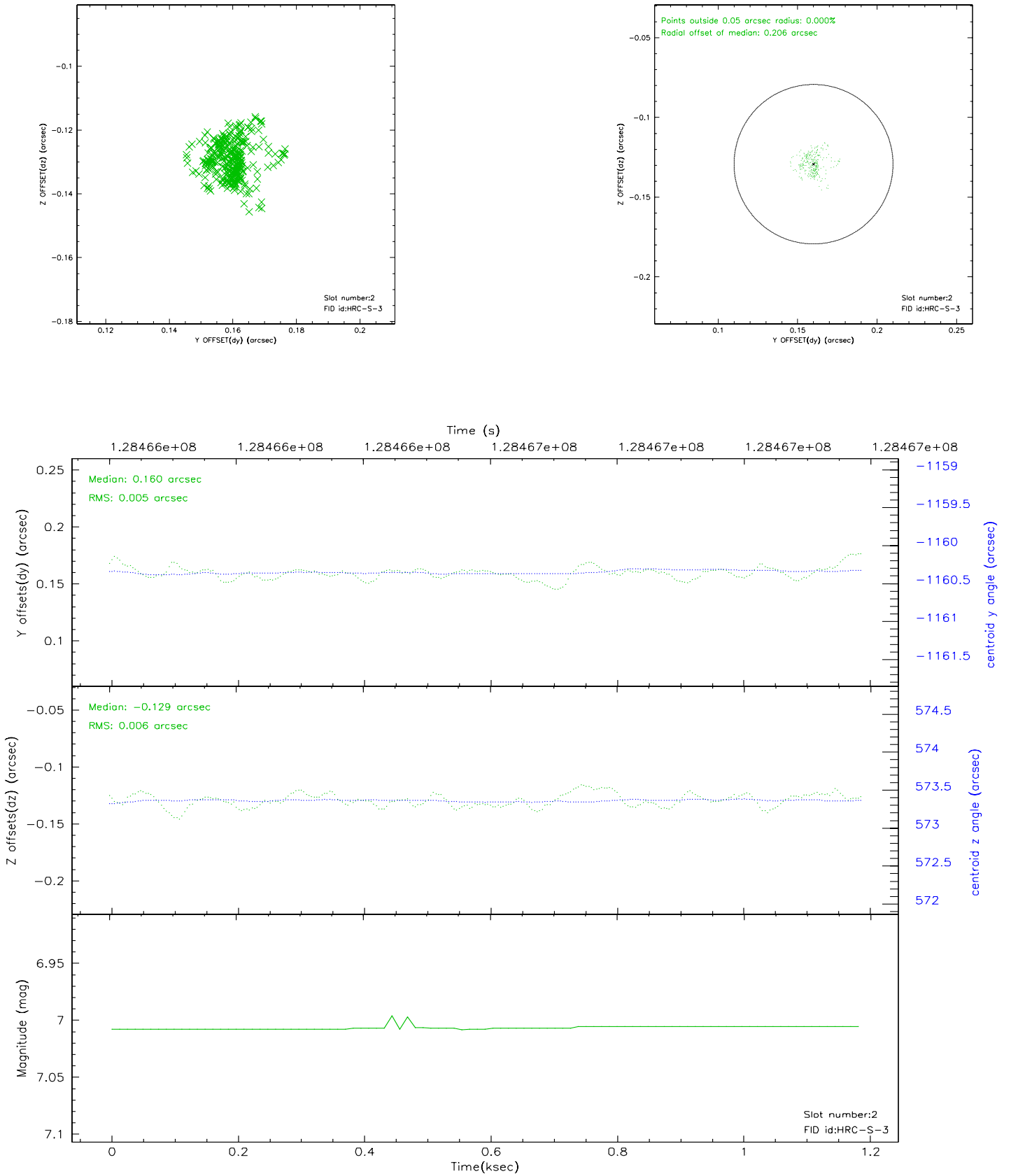
2.5.1 Slot 0



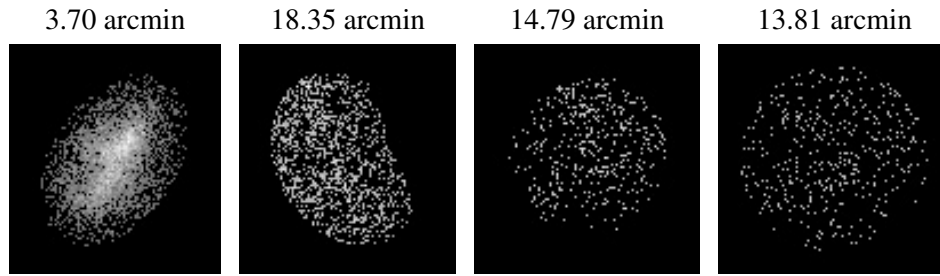
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments

Monitor constraint met.