

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4334 - L2 Version 001
Chandra X-Ray Center

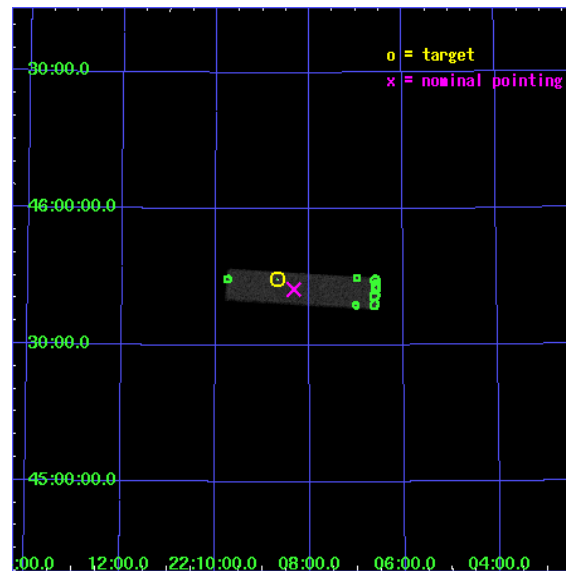
L2 Processing Date : Jul 27 2006

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1 Front

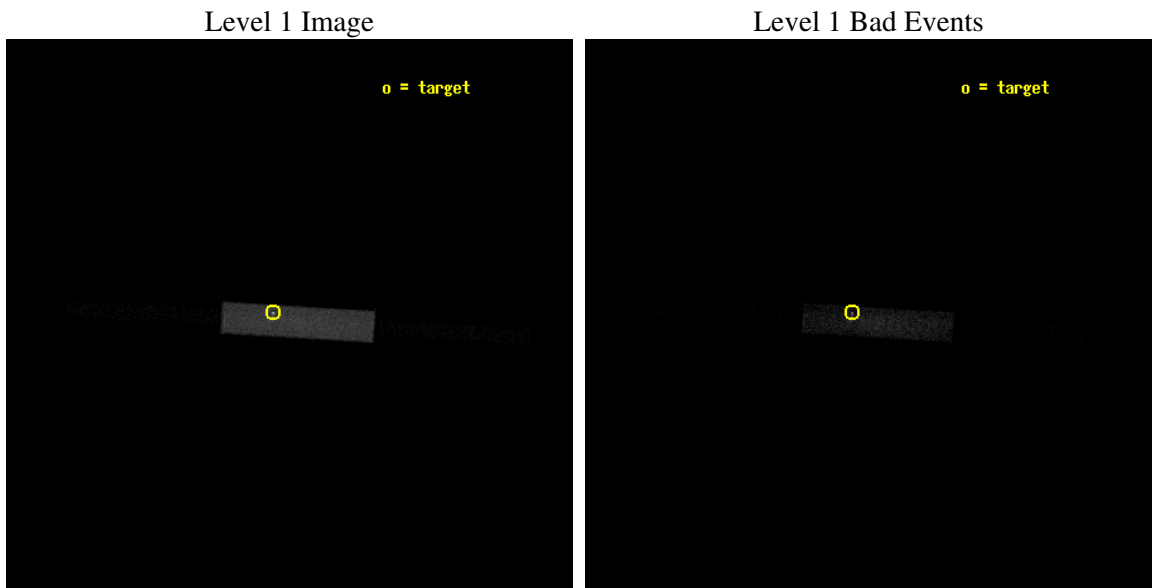
seq_num	290294
obs_id	4334
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.08344500168
dec_nom	45.706409908457
roll_nom	3.4438296330846
revision	2
ontime	1143.1312980354
livetime	1137.2587720195
l2events	38523



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	2006-07-27T19:54:58
revision	2

sched_exp_time	1000.000000
ontime	1191.05005005
l1events	67784

2.1.3 Events

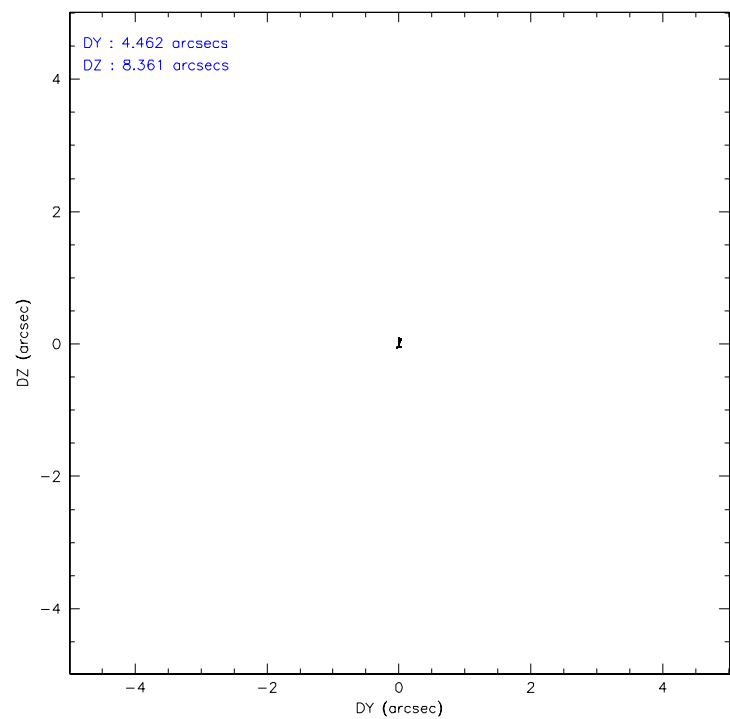
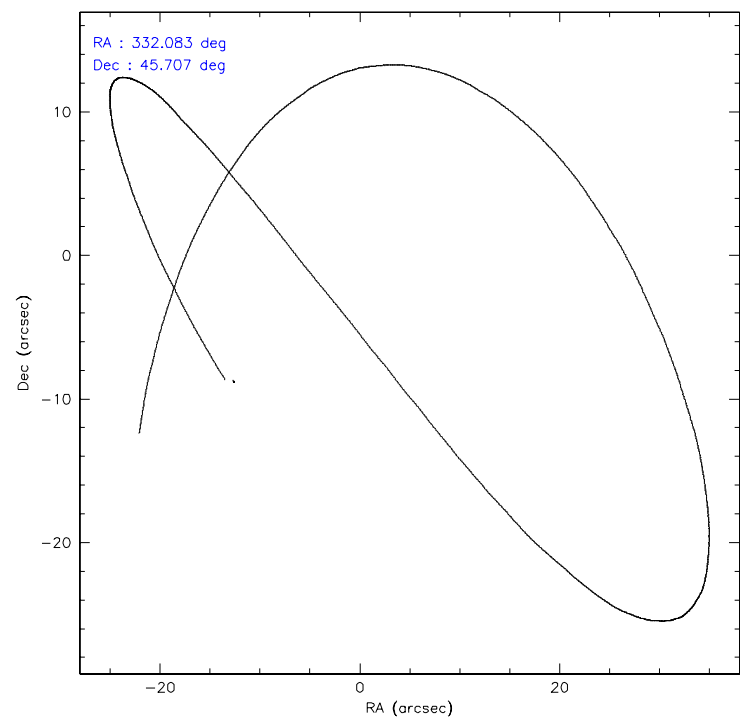
Level 1 Events

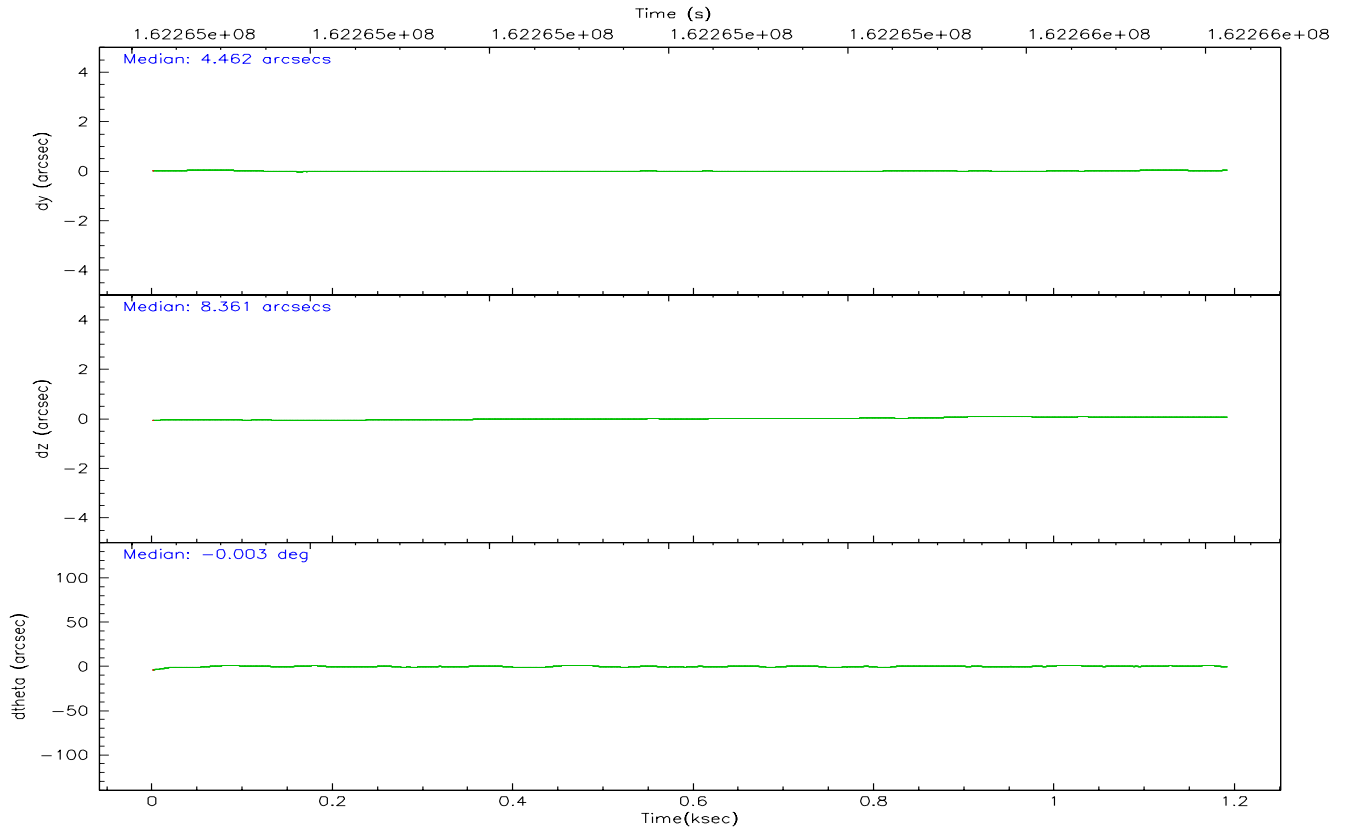
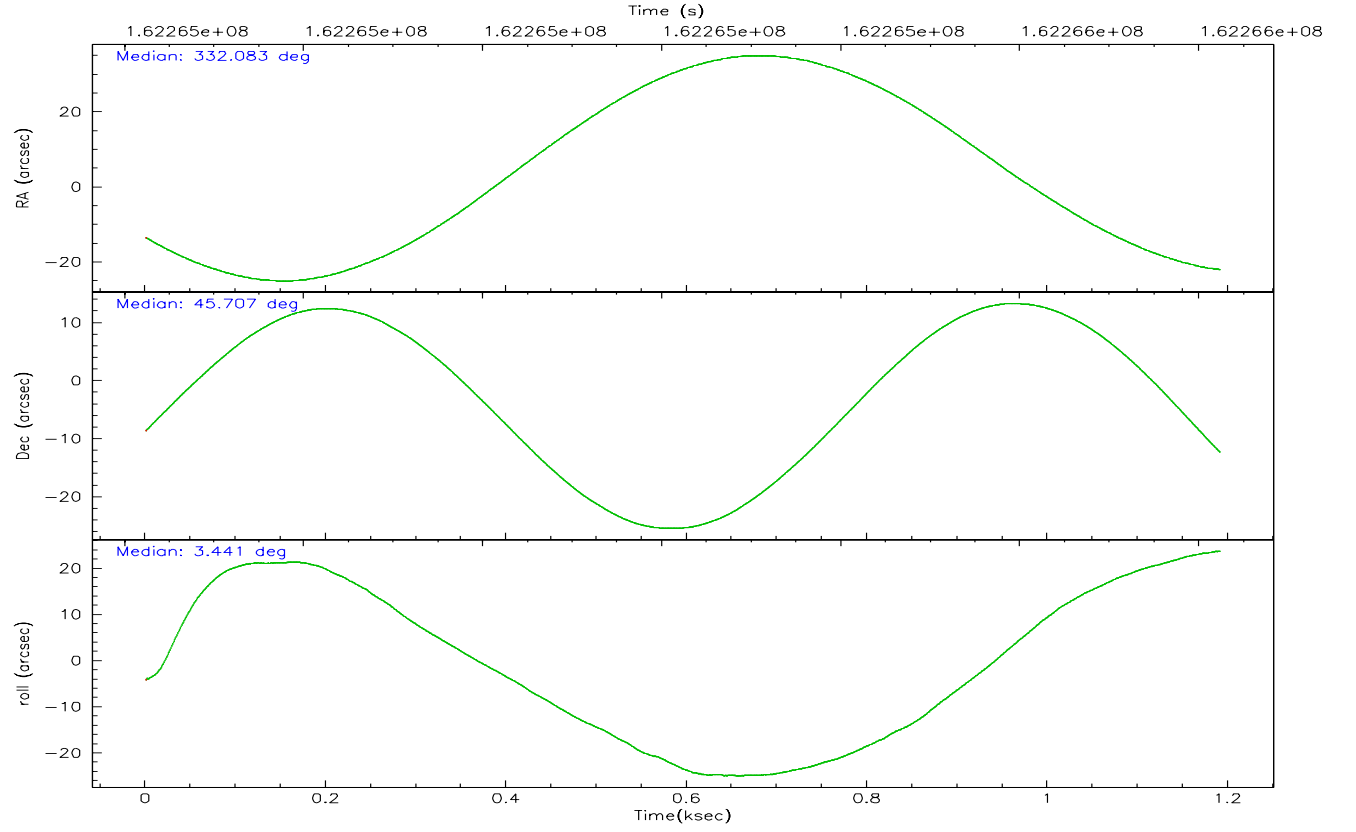
	segment 1	segment 2	segment 3
level 1 events	1100	65629	1055
rejected events	1100	24184	1055
rejected %	100%	36%	100%

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	332.051153	332.0834450016783			
Pointing Dec	45.688355	45.70640990845723			
Pointing Roll	3.399835	3.443829633084619			
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	162264815.184000	162264439.60583			
Observation start date	2003-02-22T01:32:31	2003-02-22T01:27:19			
Observation end time	162265815.184000	162265949.94339			
Observation end date	2003-02-22T01:49:11	2003-02-22T01:52:29			

2.3 Aspect



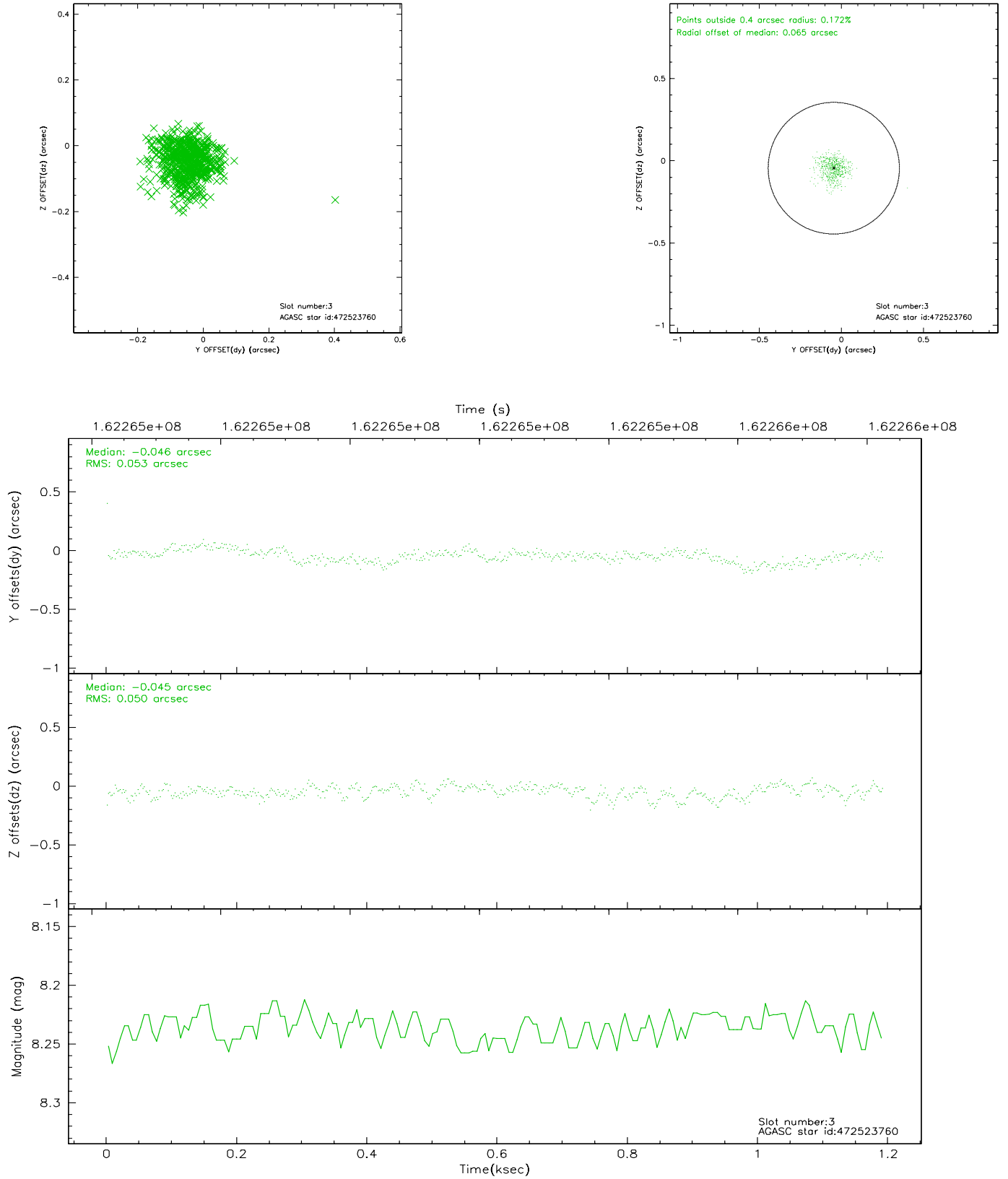


Slot Statistics

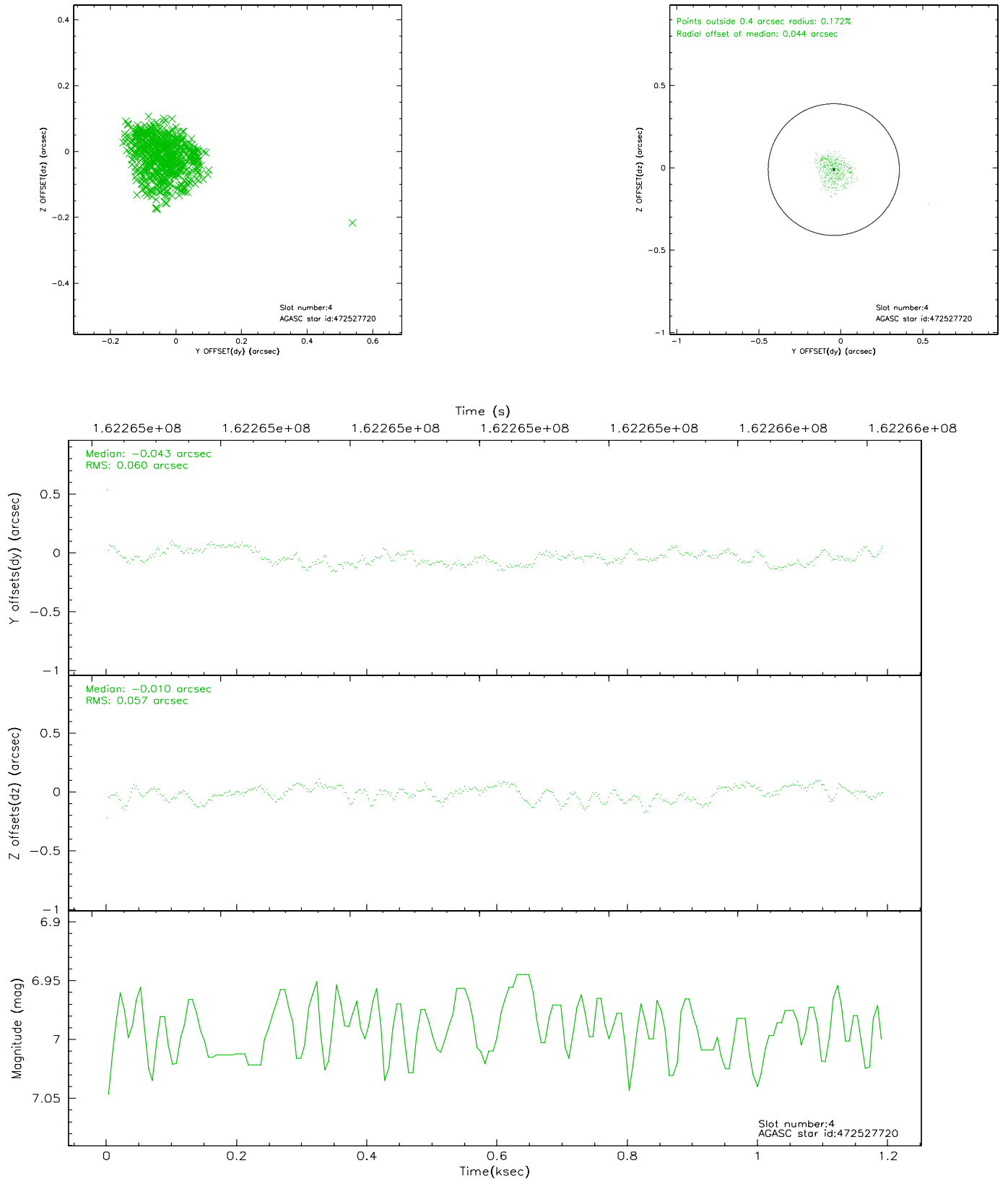
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	291	0.156	-0.139	0.007	0.012	0.000000	0.000000	-1158.52	-456.97
1	FID	HRC-S-2	7.01	291	0.065	-0.084	0.005	0.011	0.000000	0.000000	1237.09	-451.13
2	FID	HRC-S-3	7.03	291	0.169	-0.079	0.007	0.012	0.000000	0.000000	-1156.98	571.07
3	GUIDE	472523760	8.23	582	-0.046	-0.045	0.074	0.121	331.645363	45.403260	-1082.89	-965.12
4	GUIDE	472527720	6.99	582	-0.043	-0.010	0.088	0.127	331.460205	45.112509	-1621.45	-1980.52
5	GUIDE	472654568	9.43	581	-0.041	0.025	0.105	0.167	332.194449	45.063576	229.36	-2273.74
6	GUIDE	472659832	9.46	582	0.009	0.088	0.096	0.163	332.780399	46.098139	1907.29	1365.42
7	GUIDE	472518056	10.13	581	0.126	-0.045	0.159	0.253	331.135255	45.897207	-2240.20	898.08

2.4 Star Slots

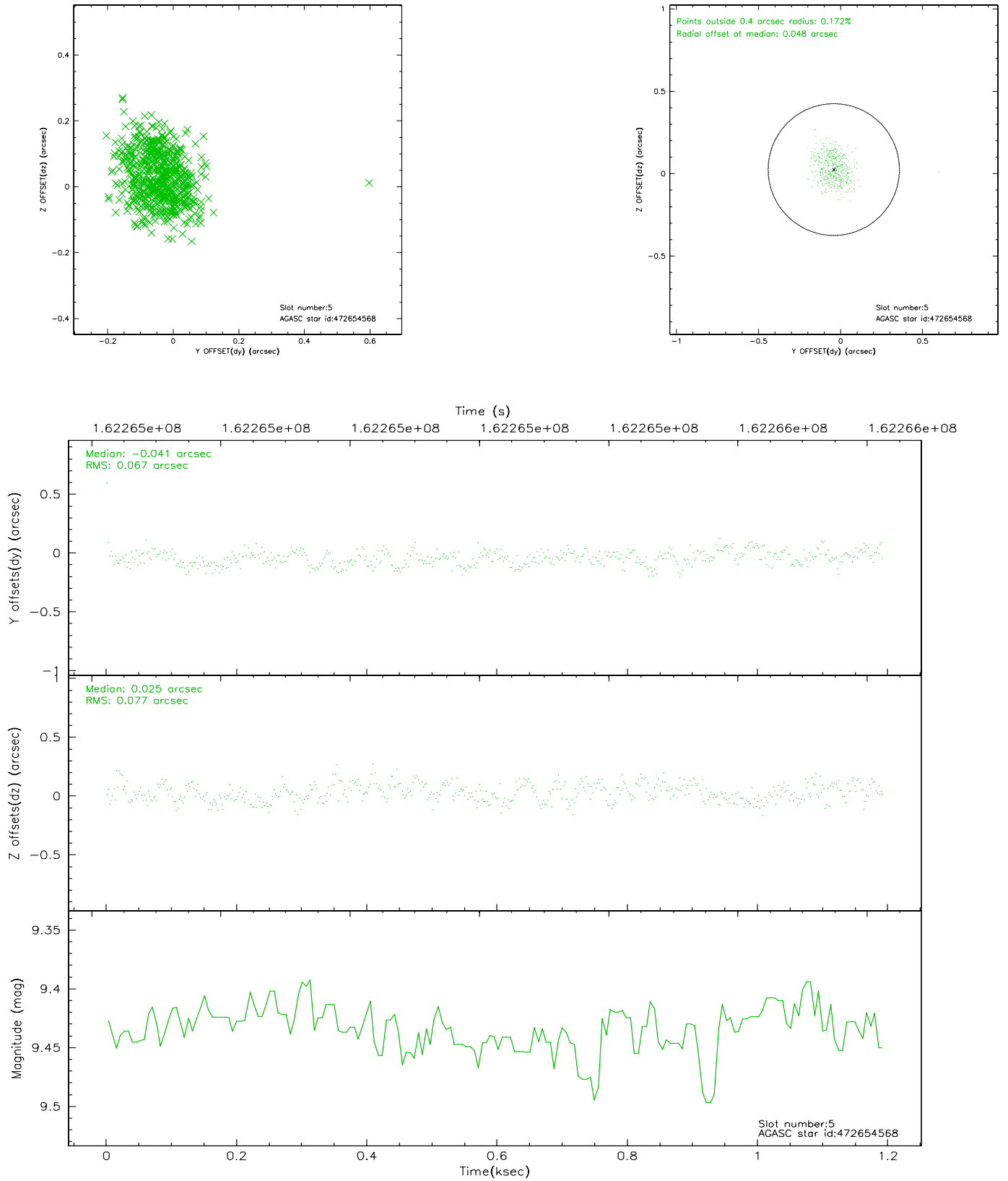
2.4.1 Slot 3



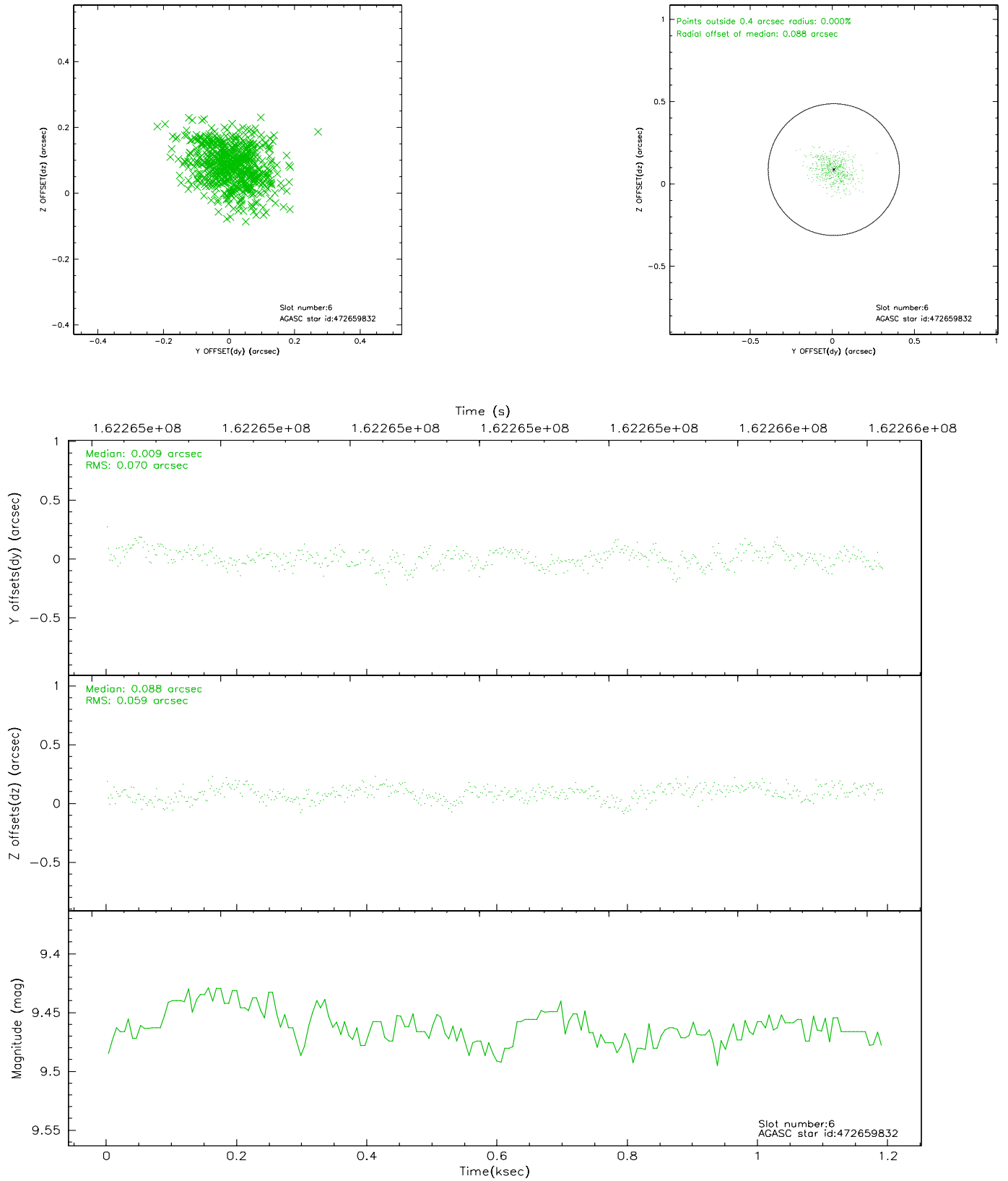
2.4.2 Slot 4



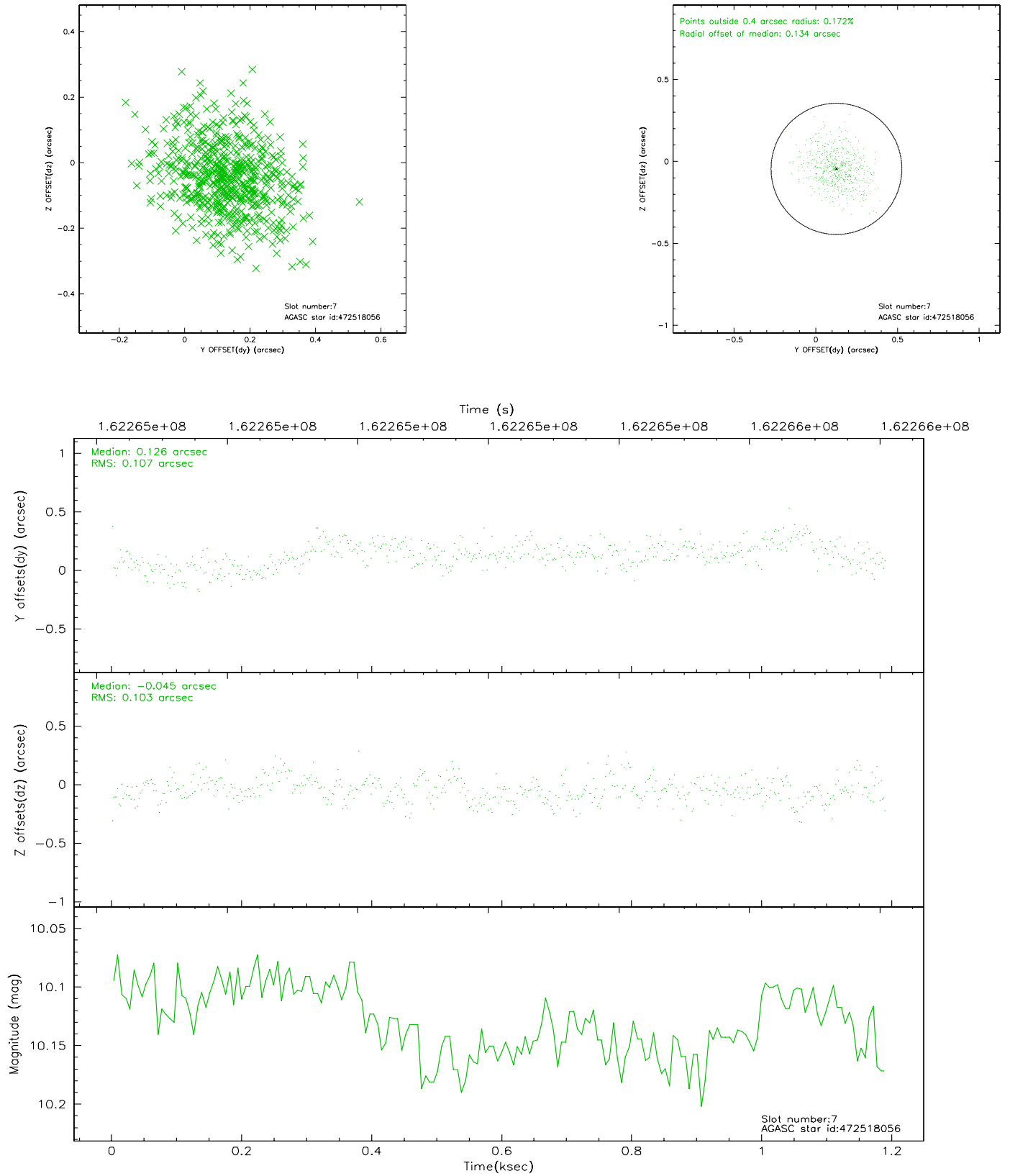
2.4.3 Slot 5



2.4.4 Slot 6

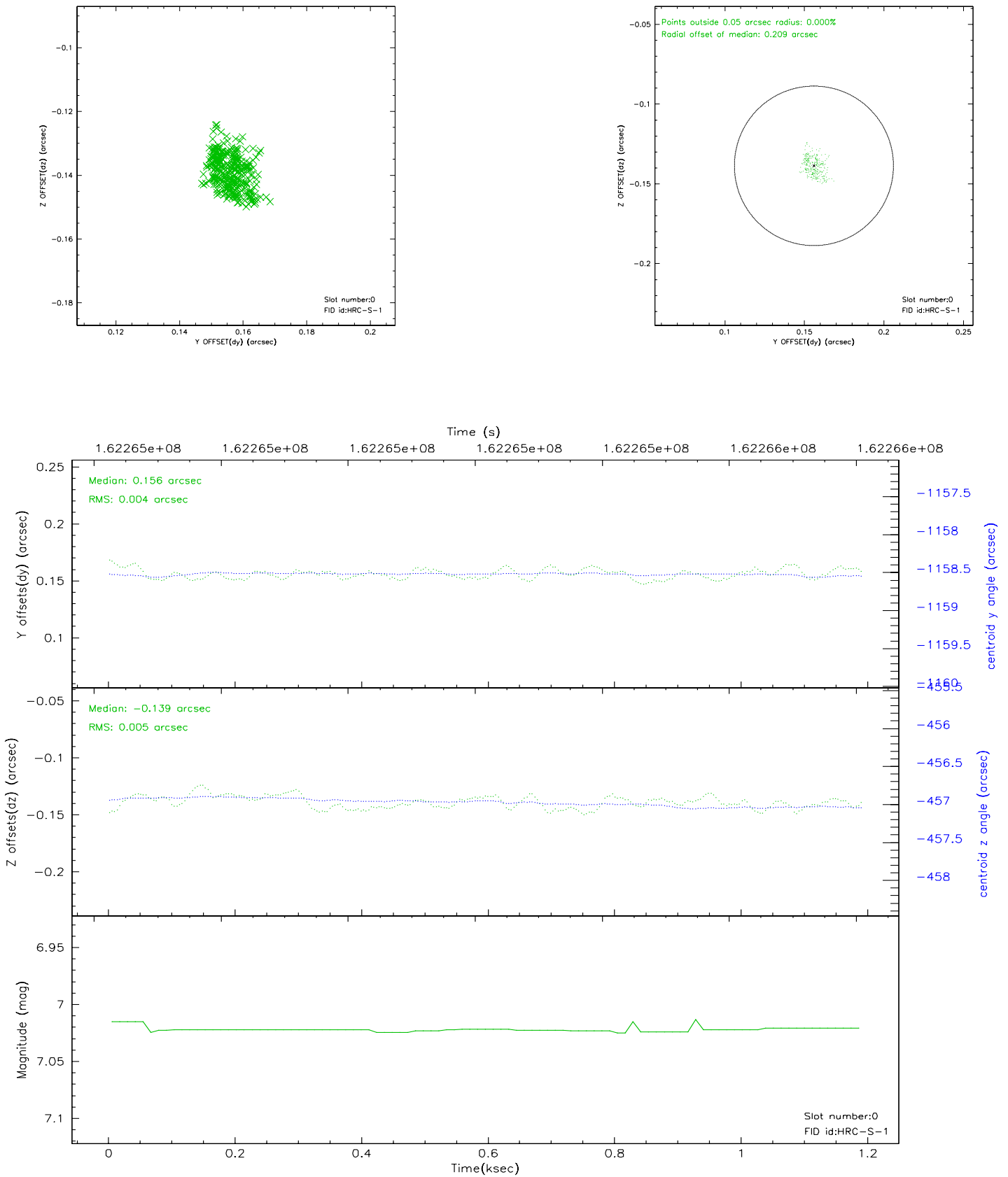


2.4.5 Slot 7

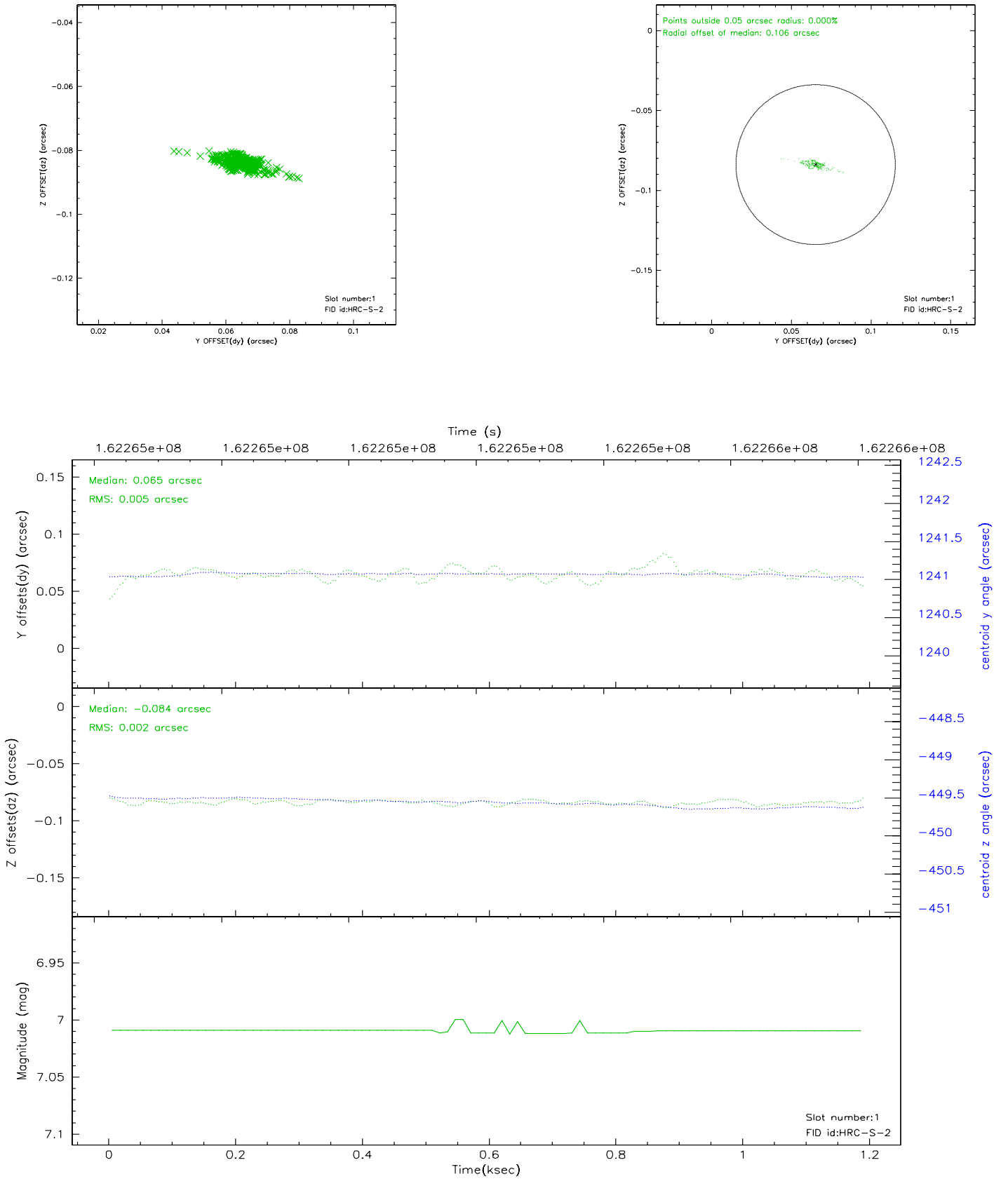


2.5 FID Slots

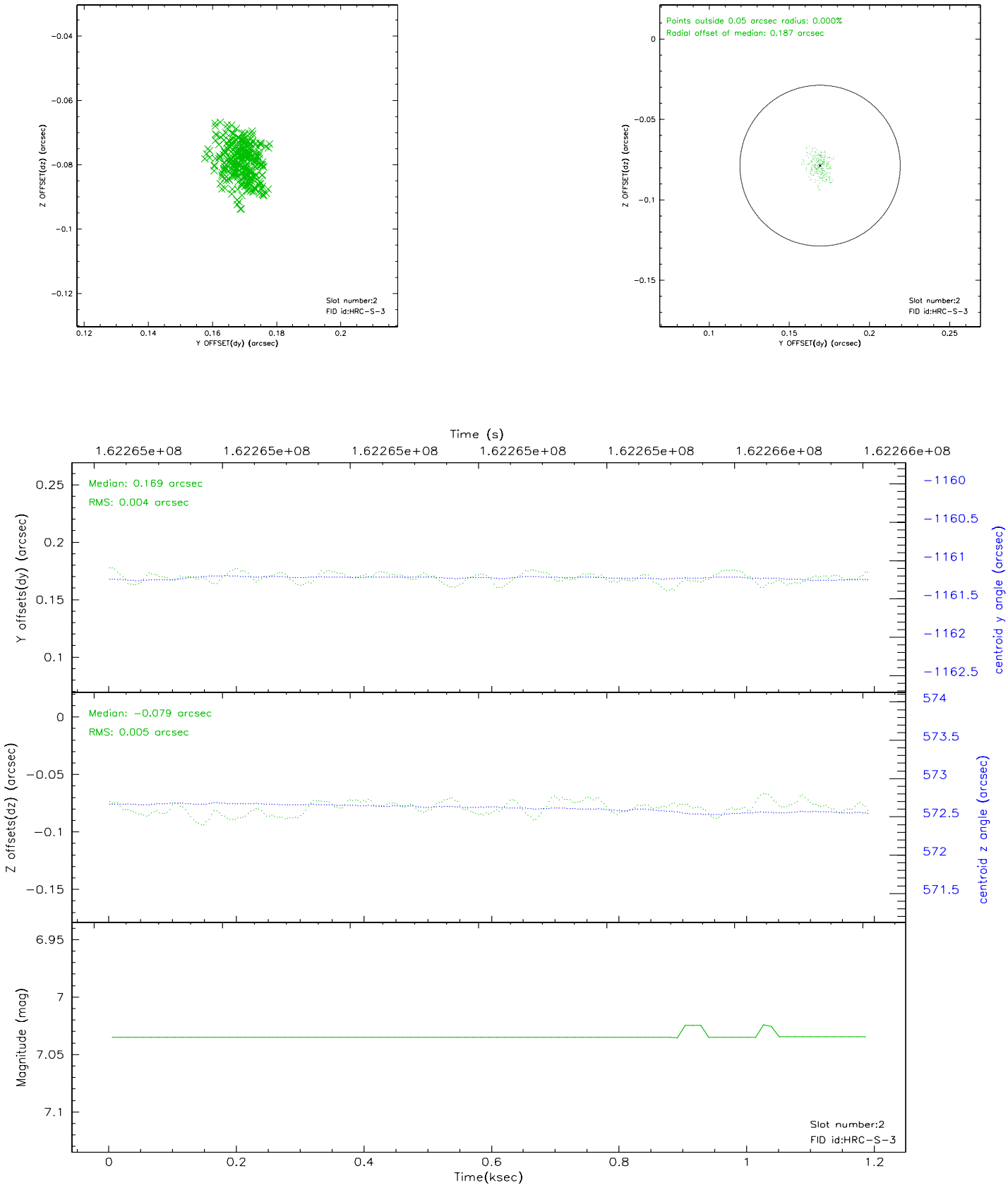
2.5.1 Slot 0



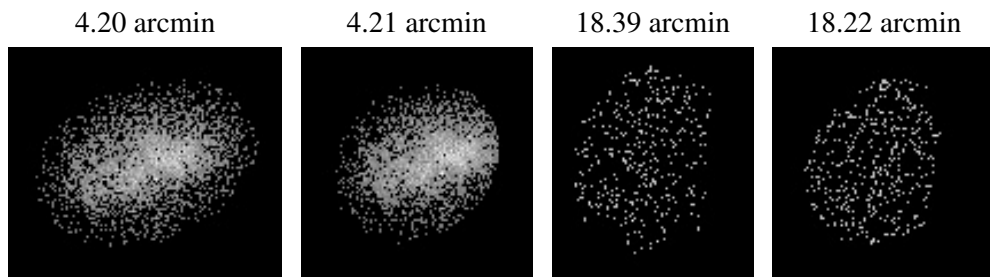
2.5.2 Slot 1



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 obs4348 rather than succeeds it.