

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4345 - L2 Version 001
Chandra X-Ray Center

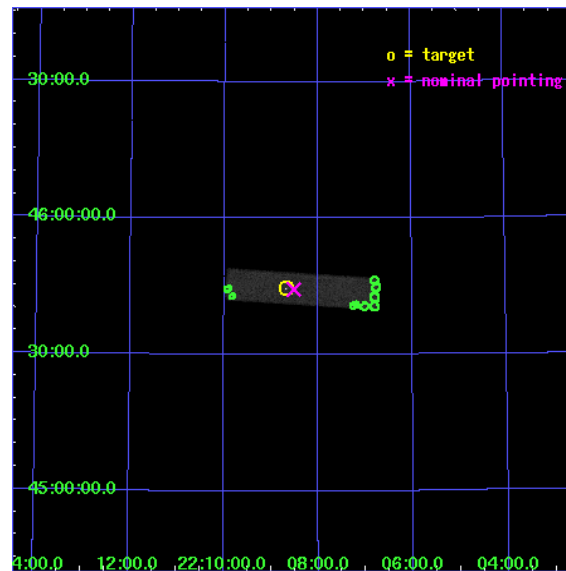
L2 Processing Date : Jul 27 2006

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1 Front

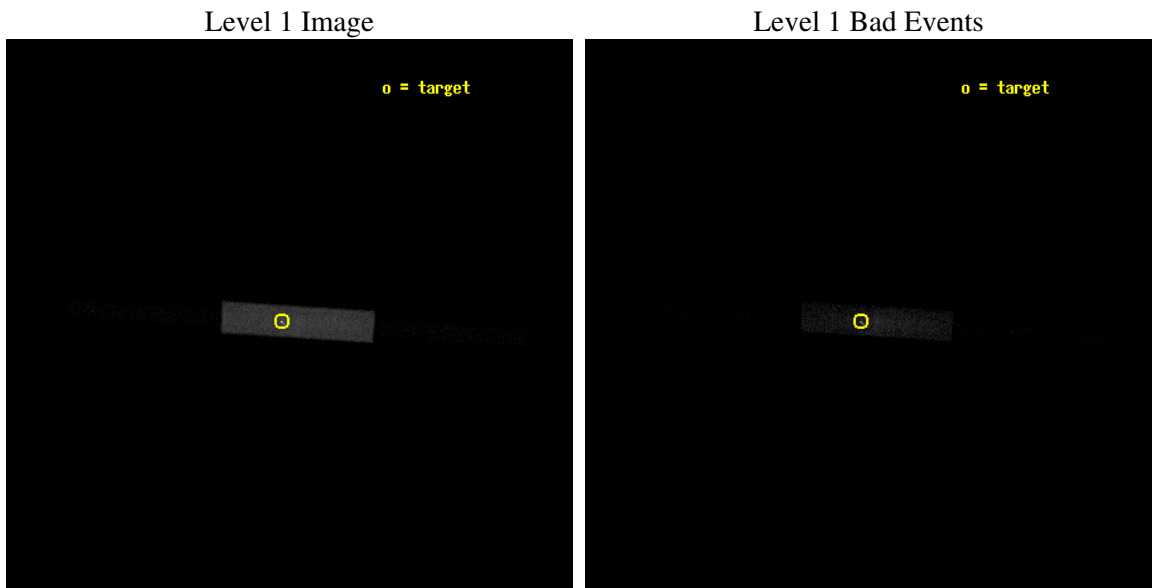
seq_num	290305
obs_id	4345
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.12882227499
dec_nom	45.739611912848
roll_nom	3.6218735964982
revision	2
ontime	1142.1062980592
livetime	1135.6684582025
l2events	43572



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	2006-07-27T21:43:50
revision	2

sched_exp_time	1000.000000
ontime	1181.8250497282
l1events	73963

2.1.3 Events

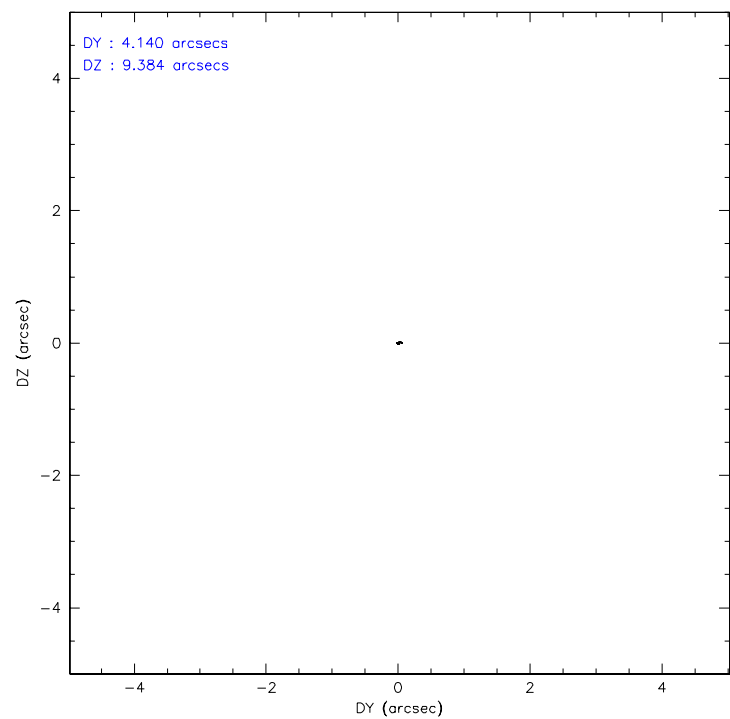
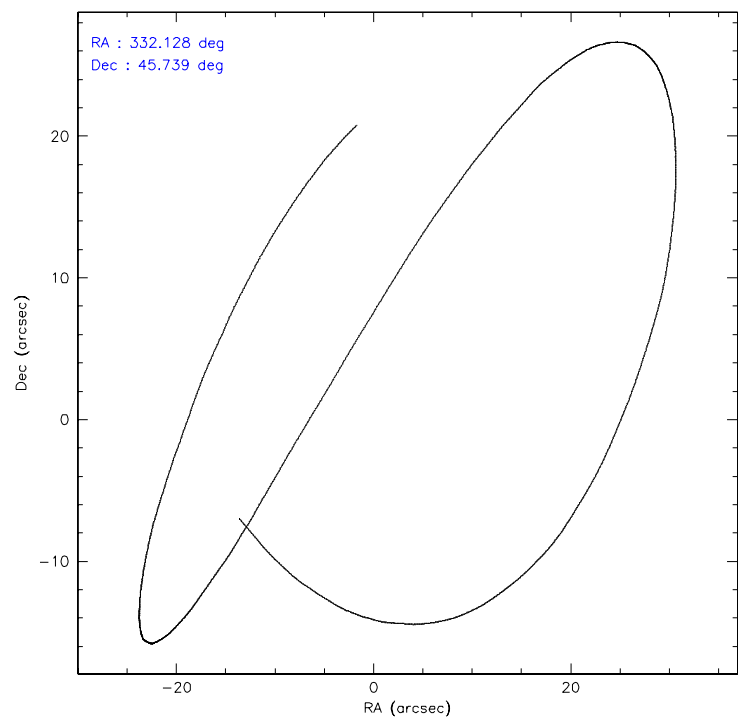
Level 1 Events

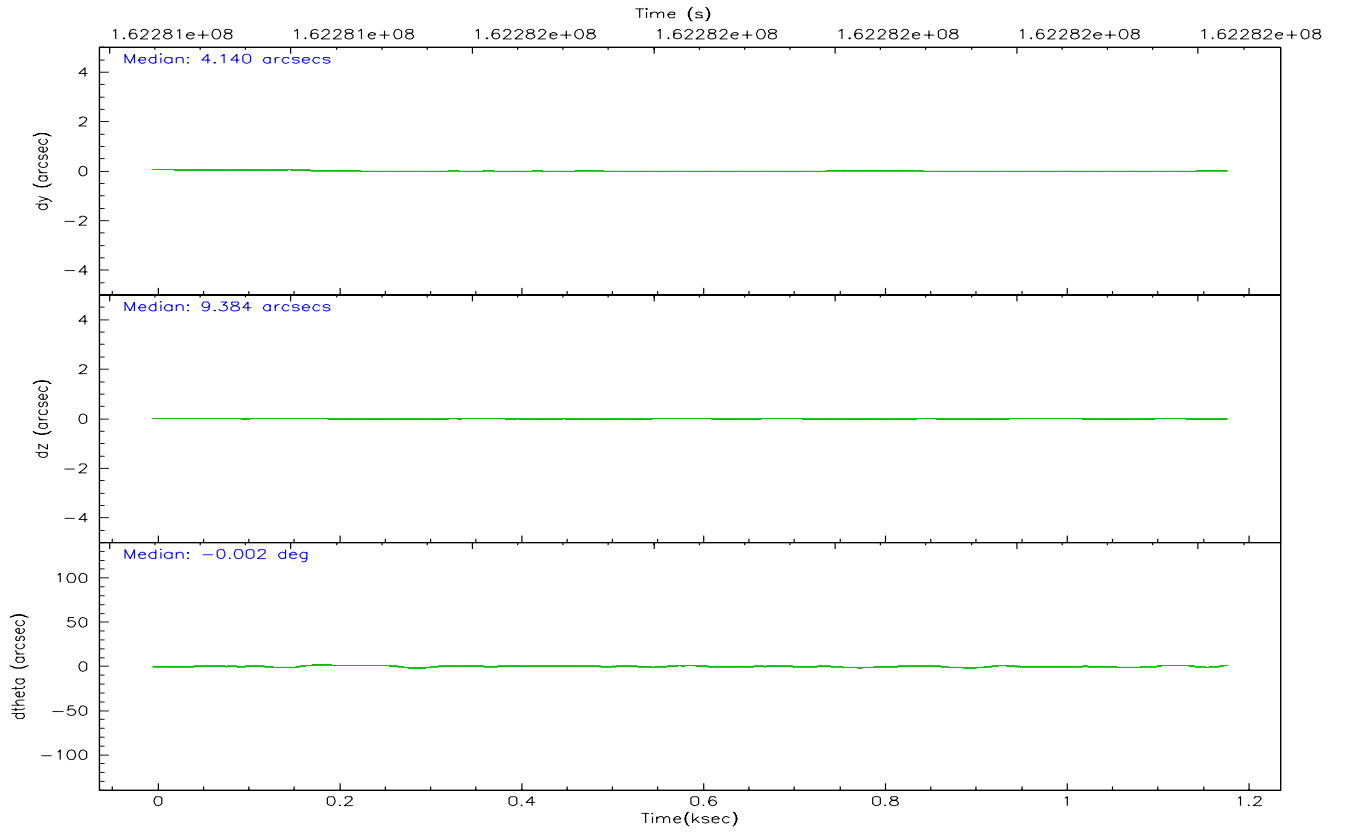
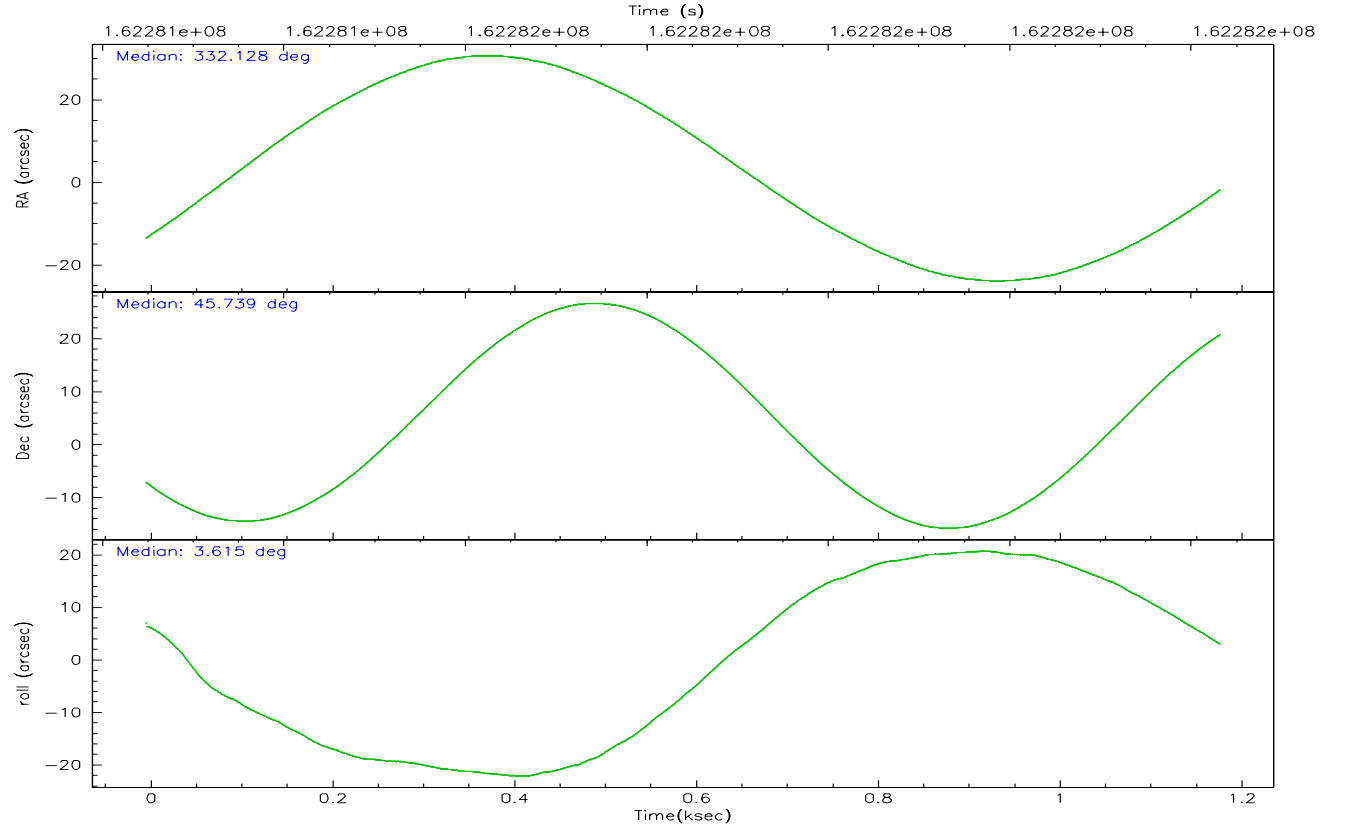
	segment 1	segment 2	segment 3
level 1 events	1203	71596	1164
rejected events	1203	25261	1164
rejected %	100%	35%	100%

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	332.096089	332.1288222749864			
Pointing Dec	45.723399	45.73961191284847			
Pointing Roll	3.578014	3.62187359649823			
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	162281425.184000	162281050.24403			
Observation start date	2003-02-22T06:09:21	2003-02-22T06:04:10			
Observation end time	162282425.184000	162282559.55659			
Observation end date	2003-02-22T06:26:01	2003-02-22T06:29:19			

2.3 Aspect



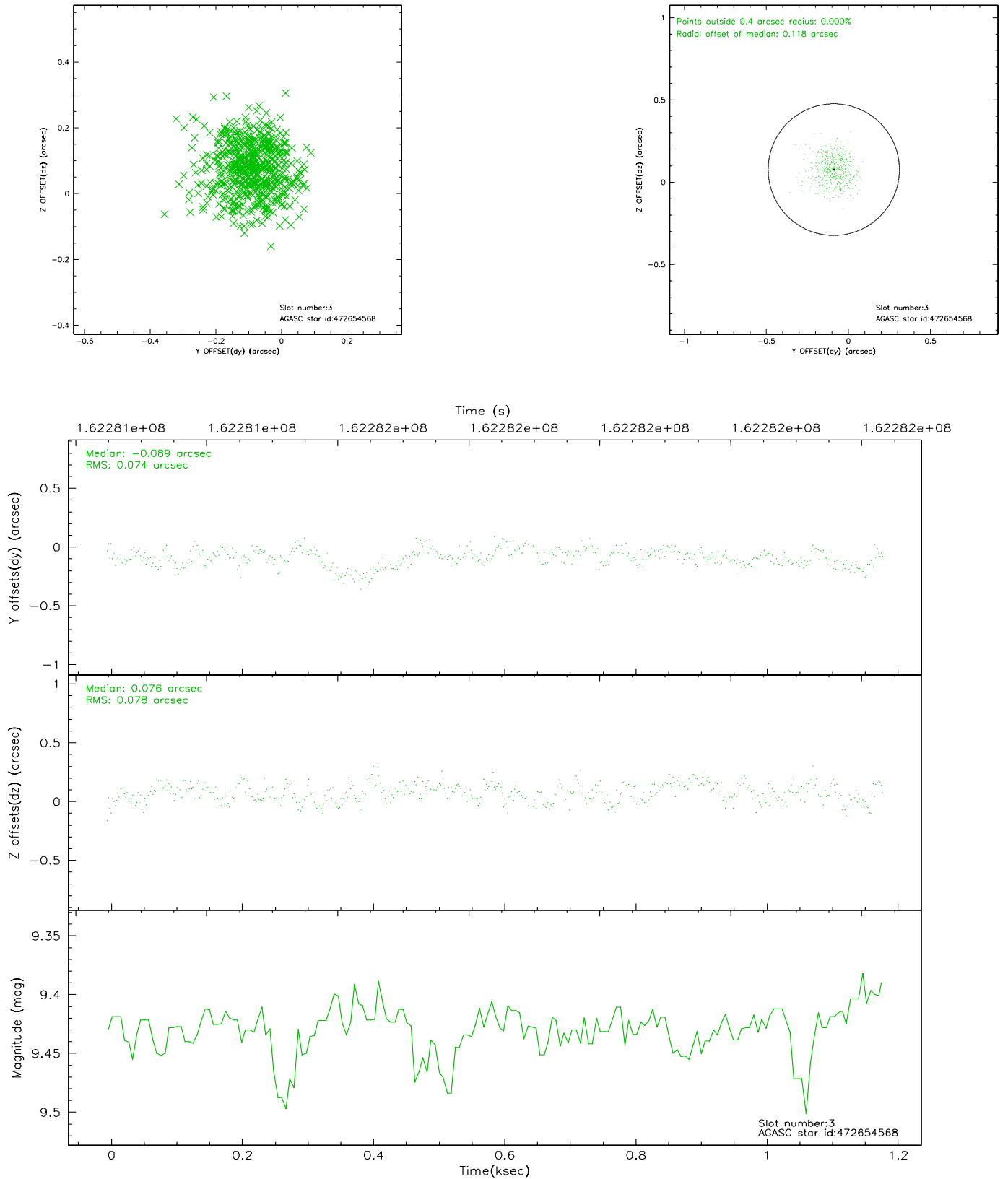


Slot Statistics

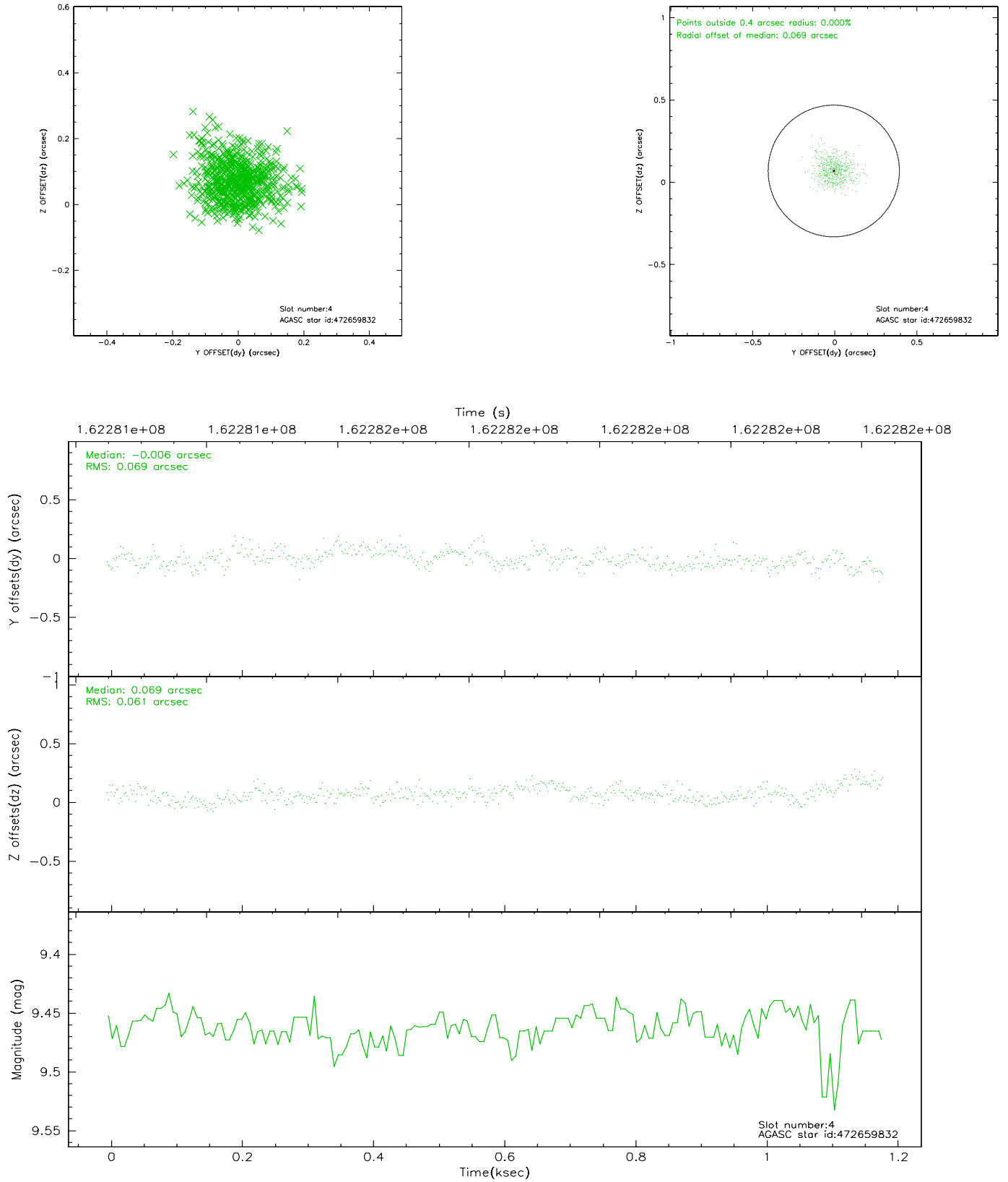
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	289	0.165	-0.179	0.006	0.011	0.000000	0.000000	-1158.19	-458.04
1	FID	HRC-S-2	7.00	289	0.060	-0.086	0.004	0.008	0.000000	0.000000	1237.38	-452.21
2	FID	HRC-S-3	7.02	289	0.165	-0.038	0.006	0.014	0.000000	0.000000	-1156.61	570.07
3	GUIDE	472654568	9.43	575	-0.089	0.076	0.116	0.183	332.194449	45.063576	102.41	-2383.06
4	GUIDE	472659832	9.46	578	-0.006	0.069	0.094	0.163	332.780399	46.098139	1790.42	1246.32
5	GUIDE	472527720	6.98	578	-0.034	-0.058	0.062	0.104	331.460205	45.112509	-1745.16	-2082.89
6	GUIDE	472533912	9.18	578	-0.025	-0.087	0.107	0.179	331.791136	46.368695	-613.54	2366.49
7	GUIDE	472655152	9.42	577	0.153	-0.008	0.094	0.167	332.504239	45.862991	1052.60	447.52

2.4 Star Slots

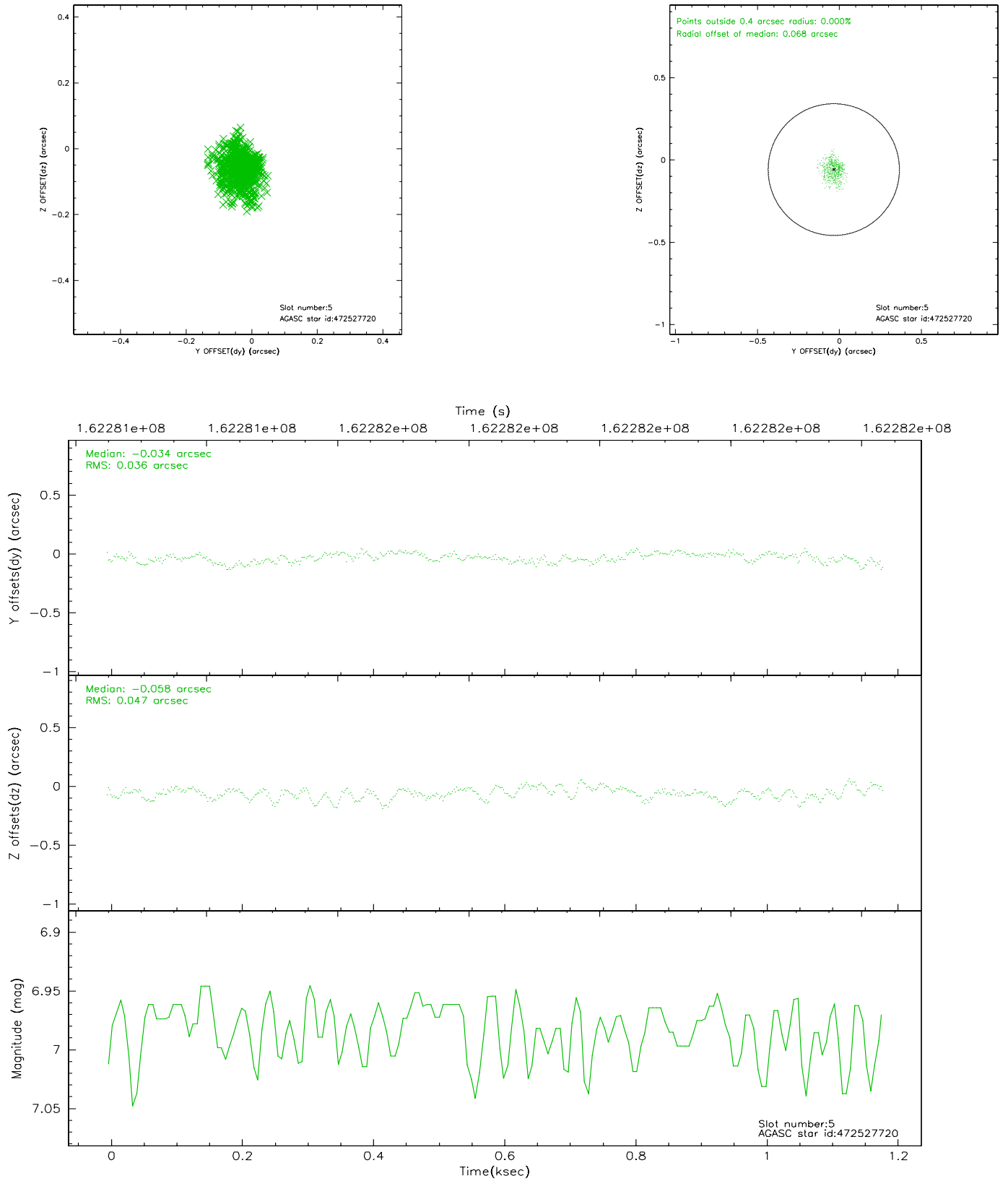
2.4.1 Slot 3



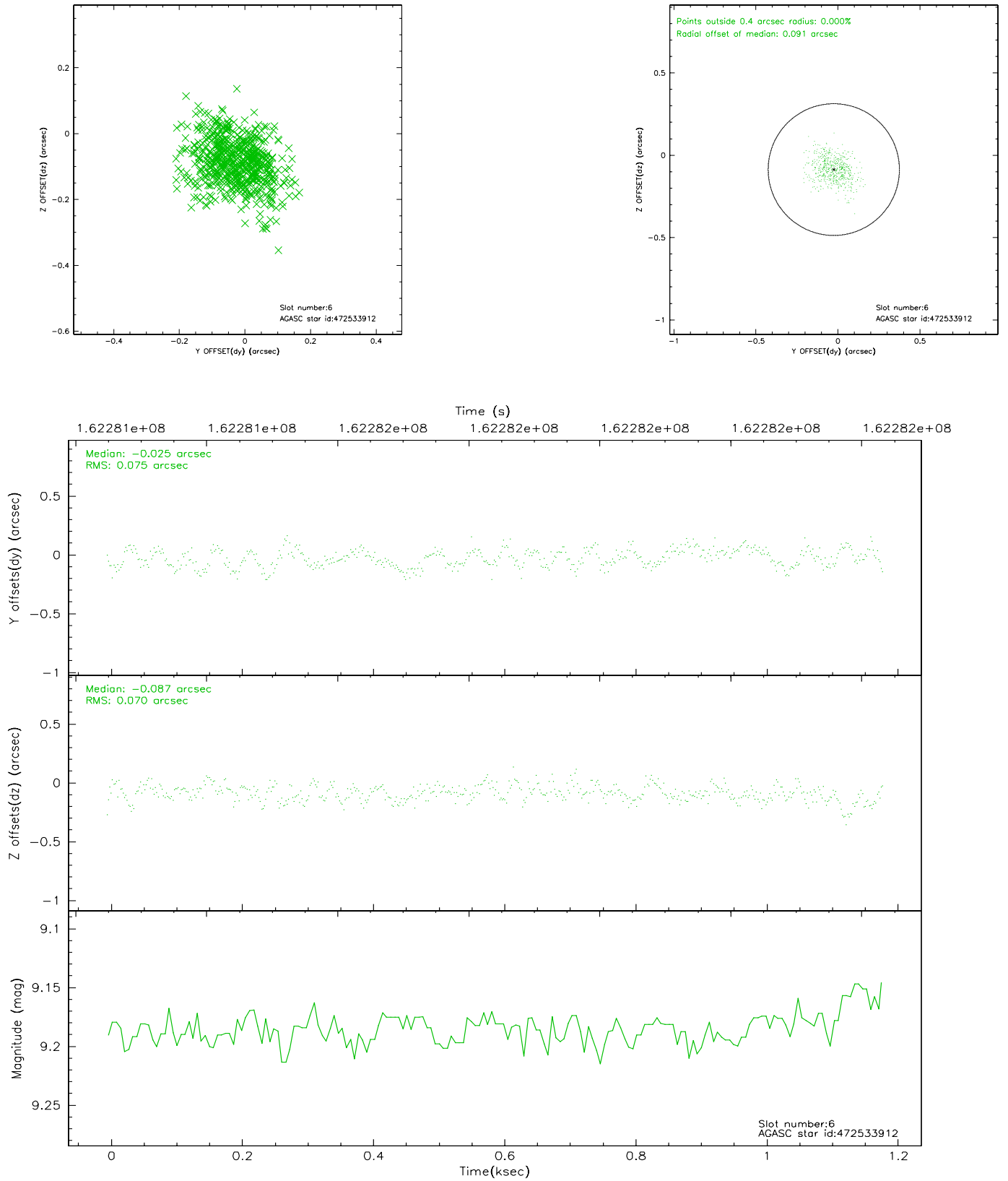
2.4.2 Slot 4



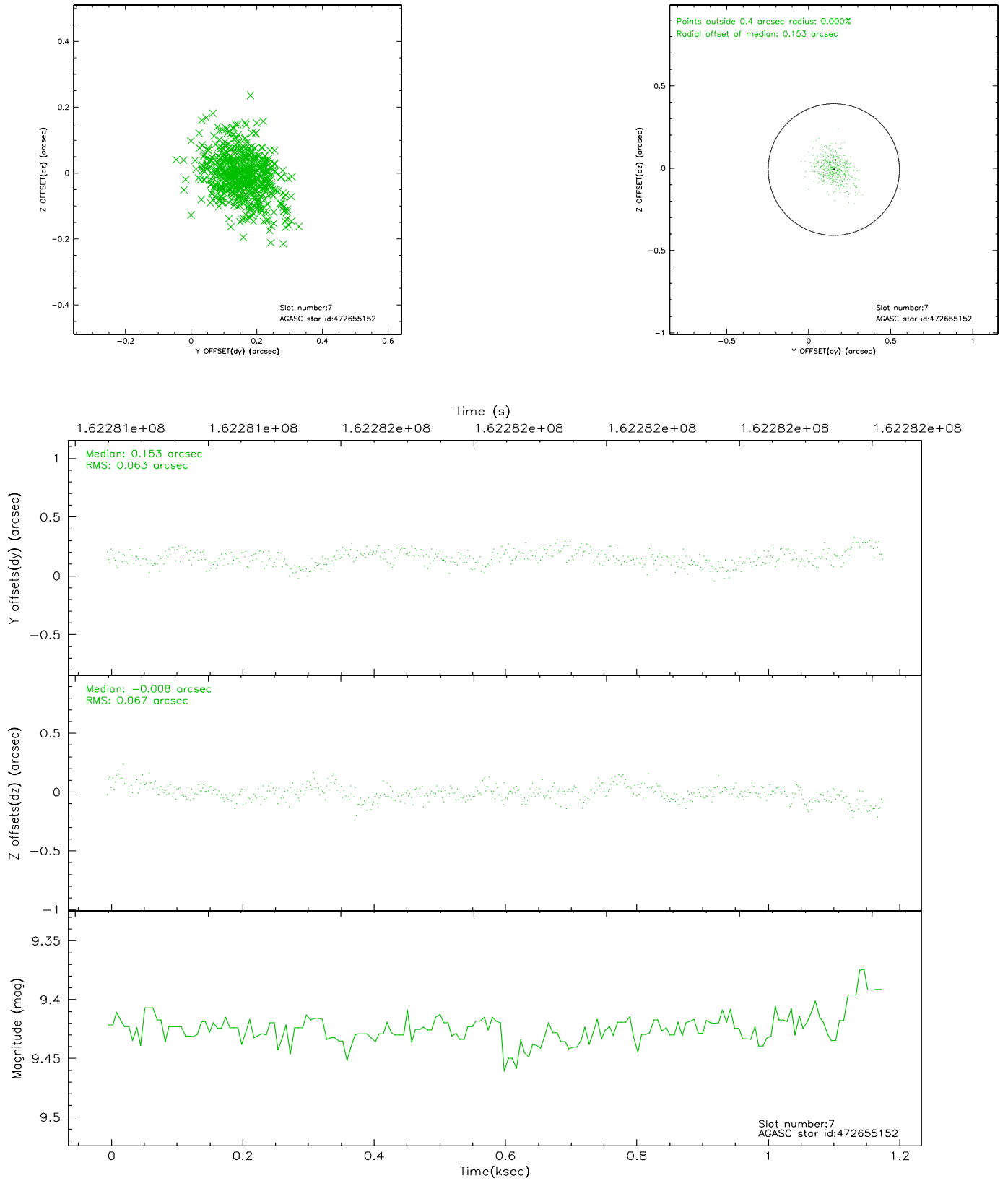
2.4.3 Slot 5



2.4.4 Slot 6

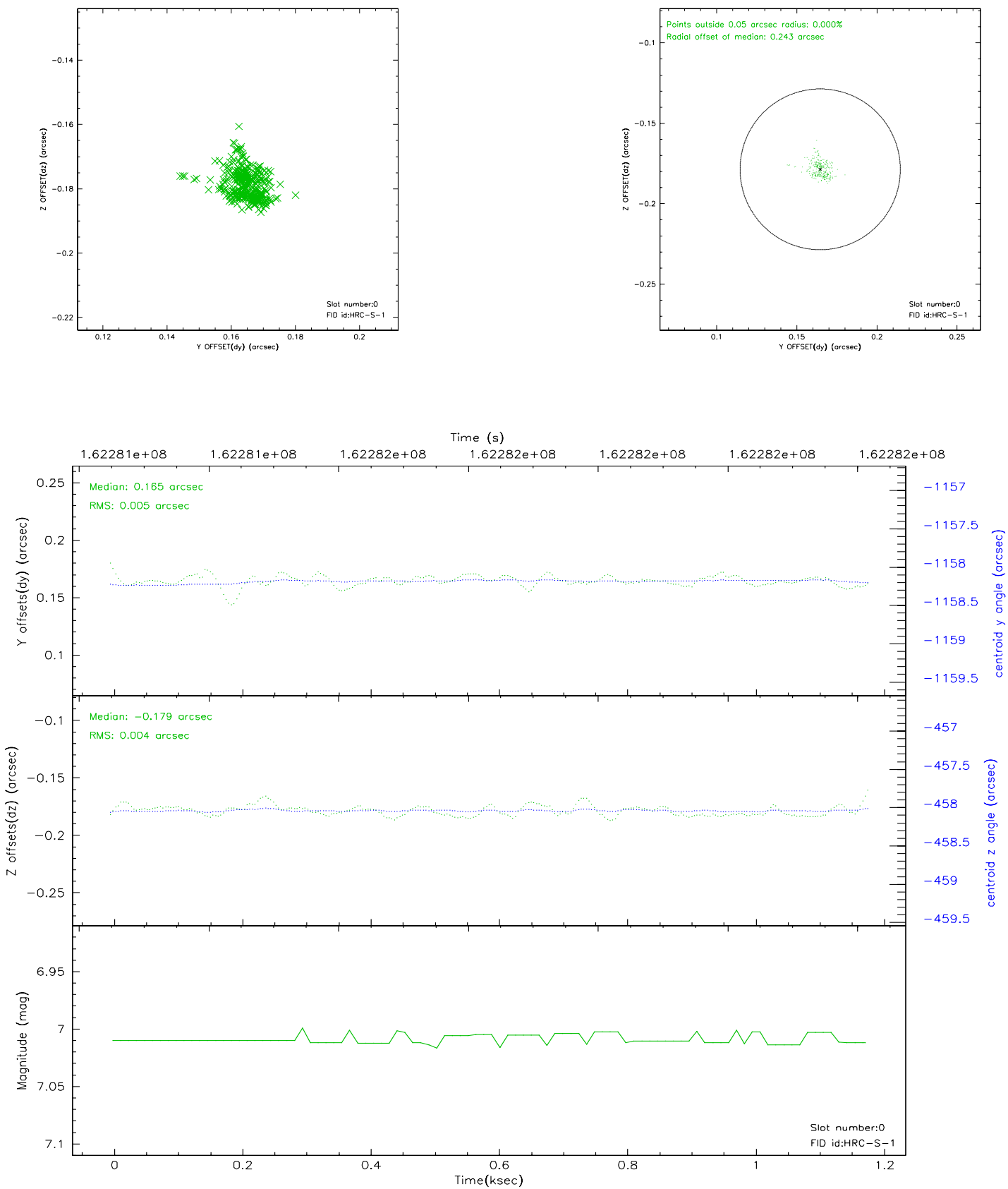


2.4.5 Slot 7

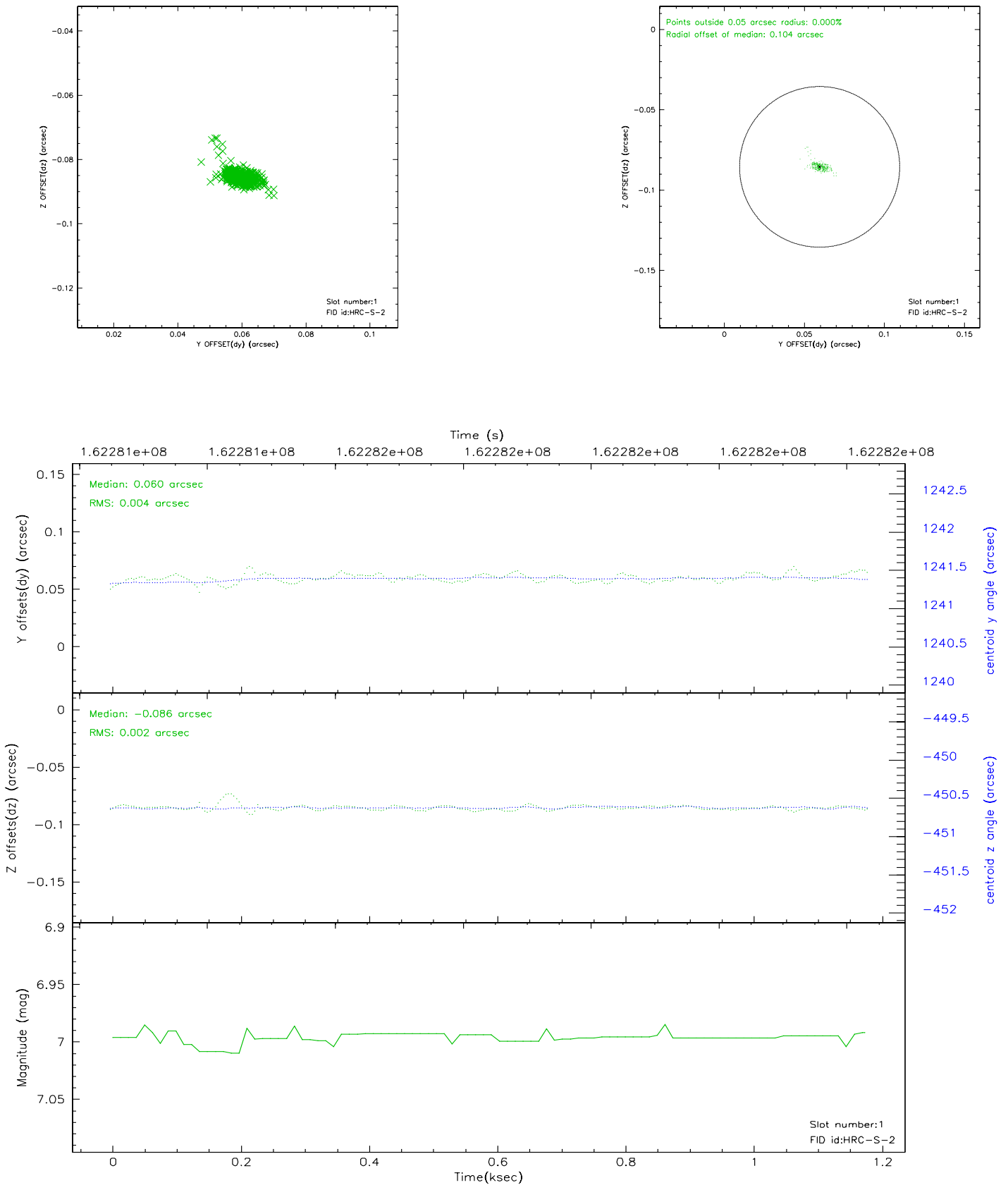


2.5 FID Slots

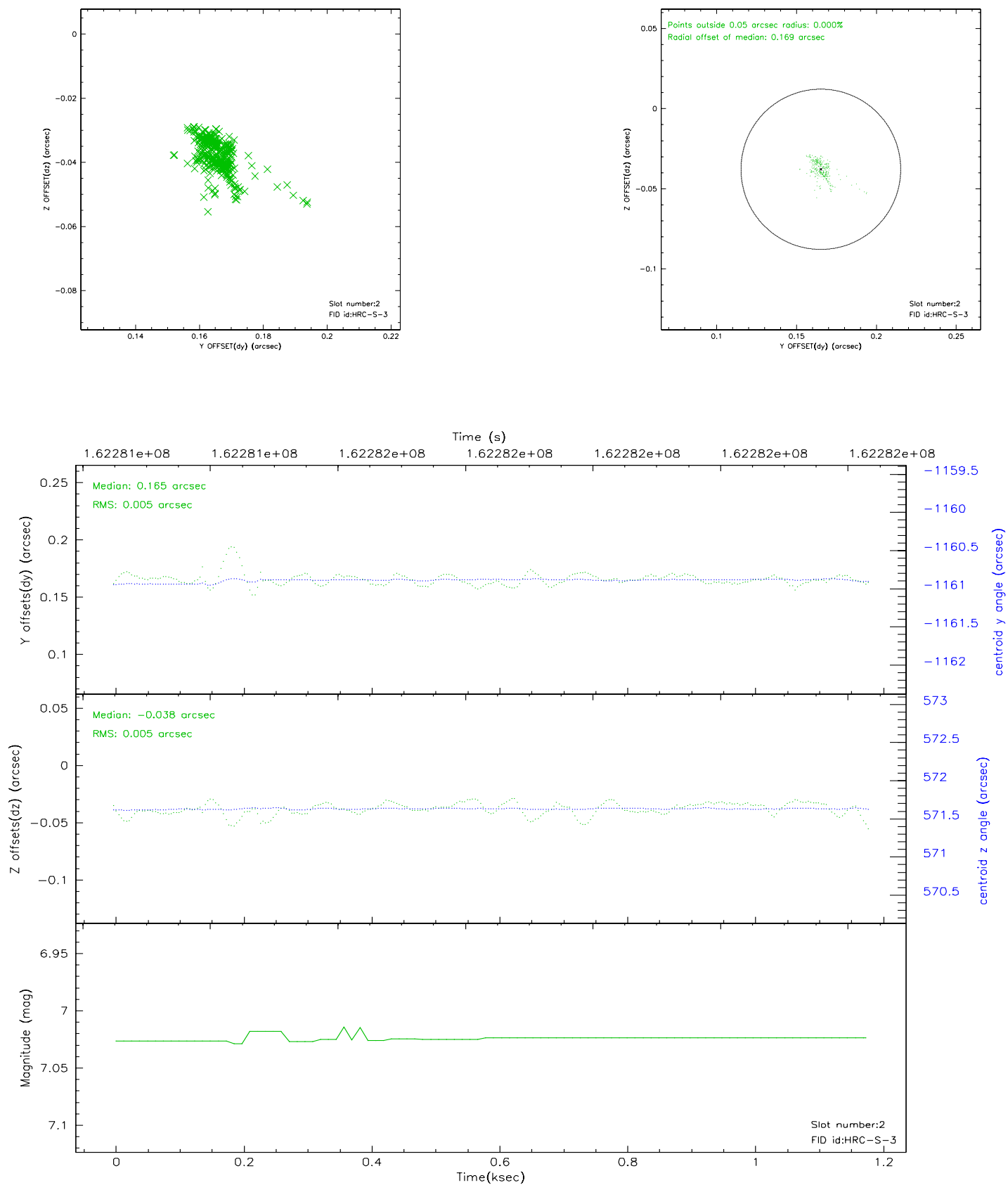
2.5.1 Slot 0



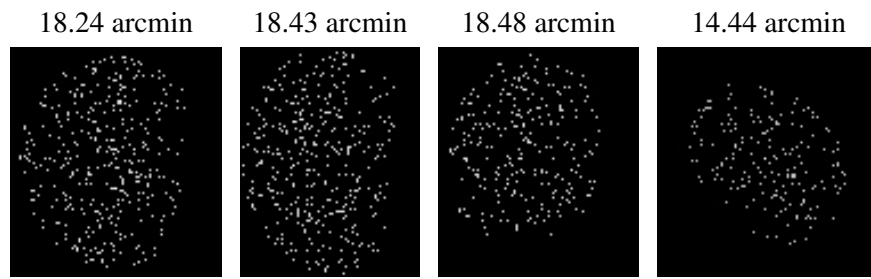
2.5.2 Slot 1



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	1.142

A.2 Comments

Monitor constraint not met.