

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4322 - L2 Version 001
Chandra X-Ray Center

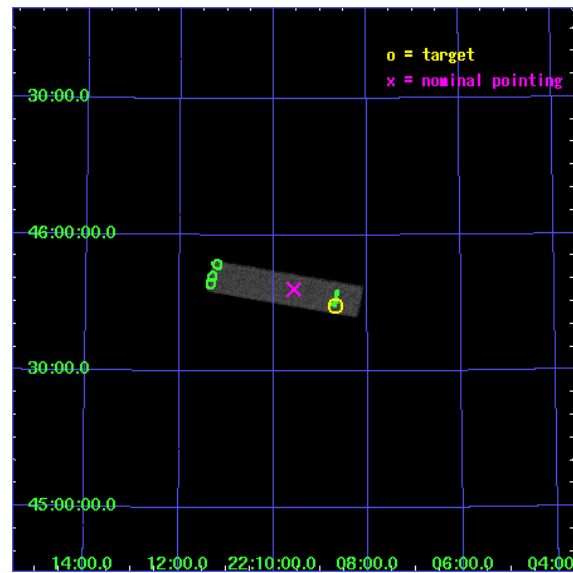
L2 Processing Date : Jul 7 2006

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1 Front

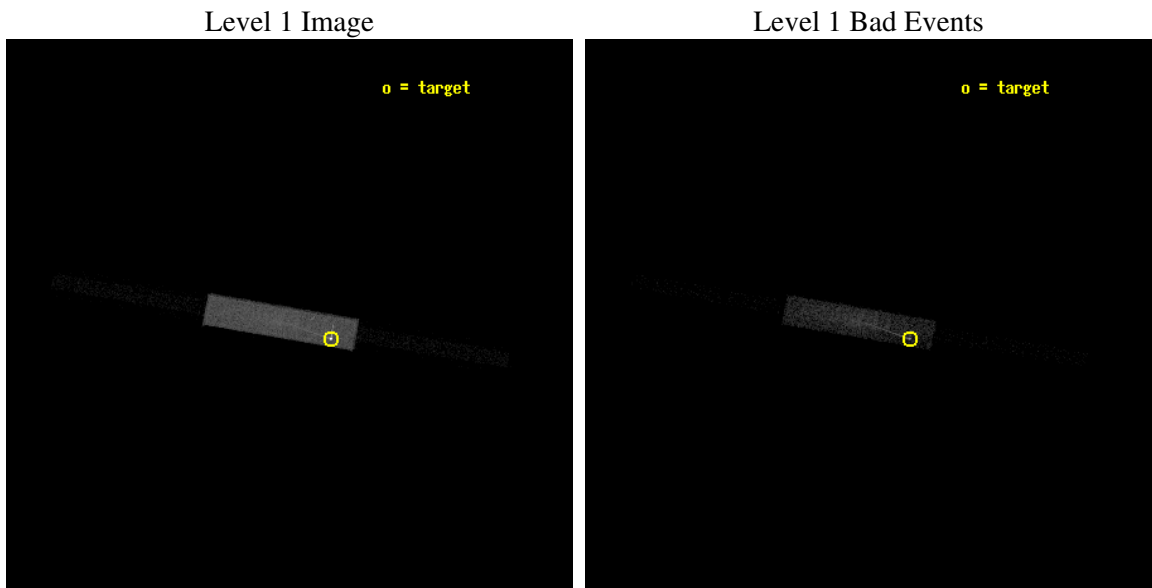
seq_num	290282
obs_id	4322
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.39171873597
dec_nom	45.801739521565
roll_nom	189.65385172604
revision	2
ontime	1141.0812988579
livetime	1135.3366118803
l2events	38208



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	2006-07-07T21:54:33
revision	2

sched_exp_time	1000.000000
ontime	1187.2063008249
l1events	66665

2.1.3 Events

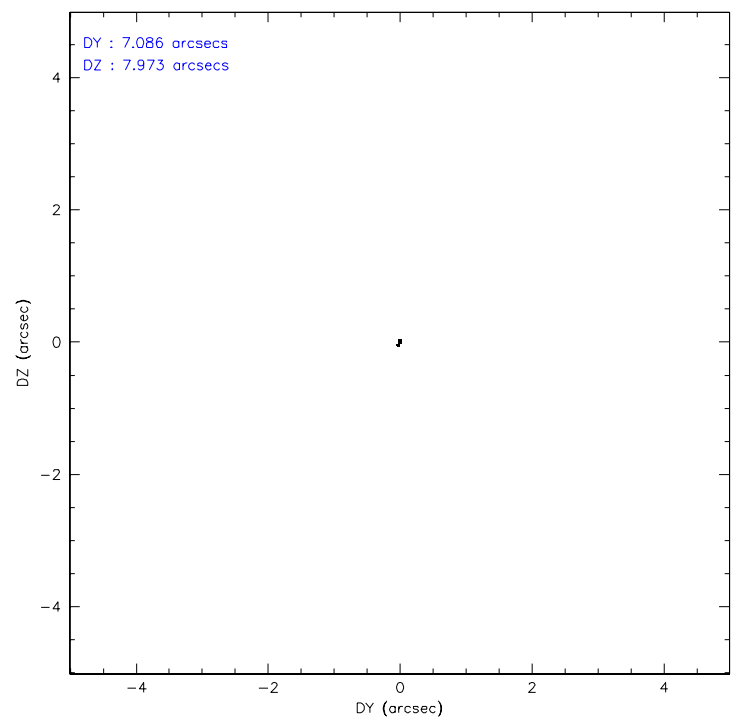
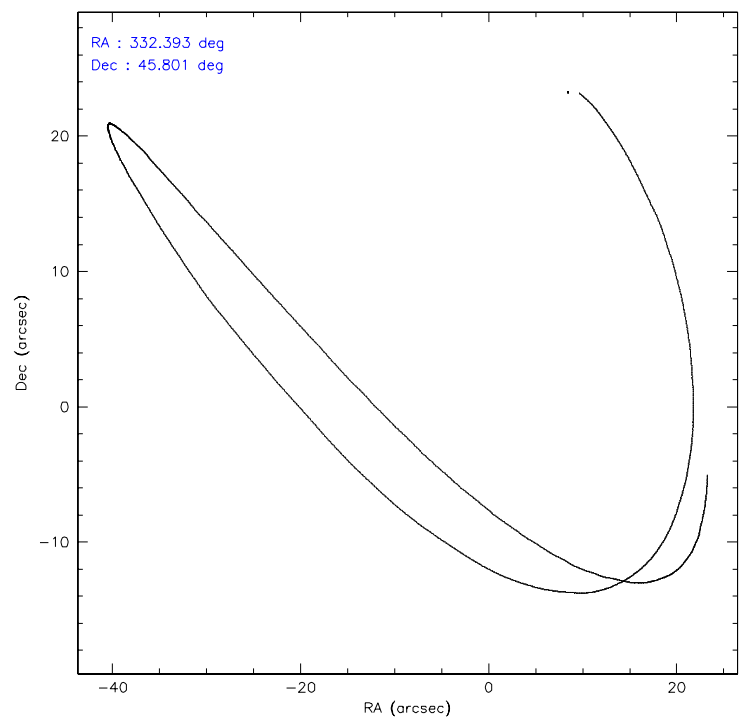
Level 1 Events

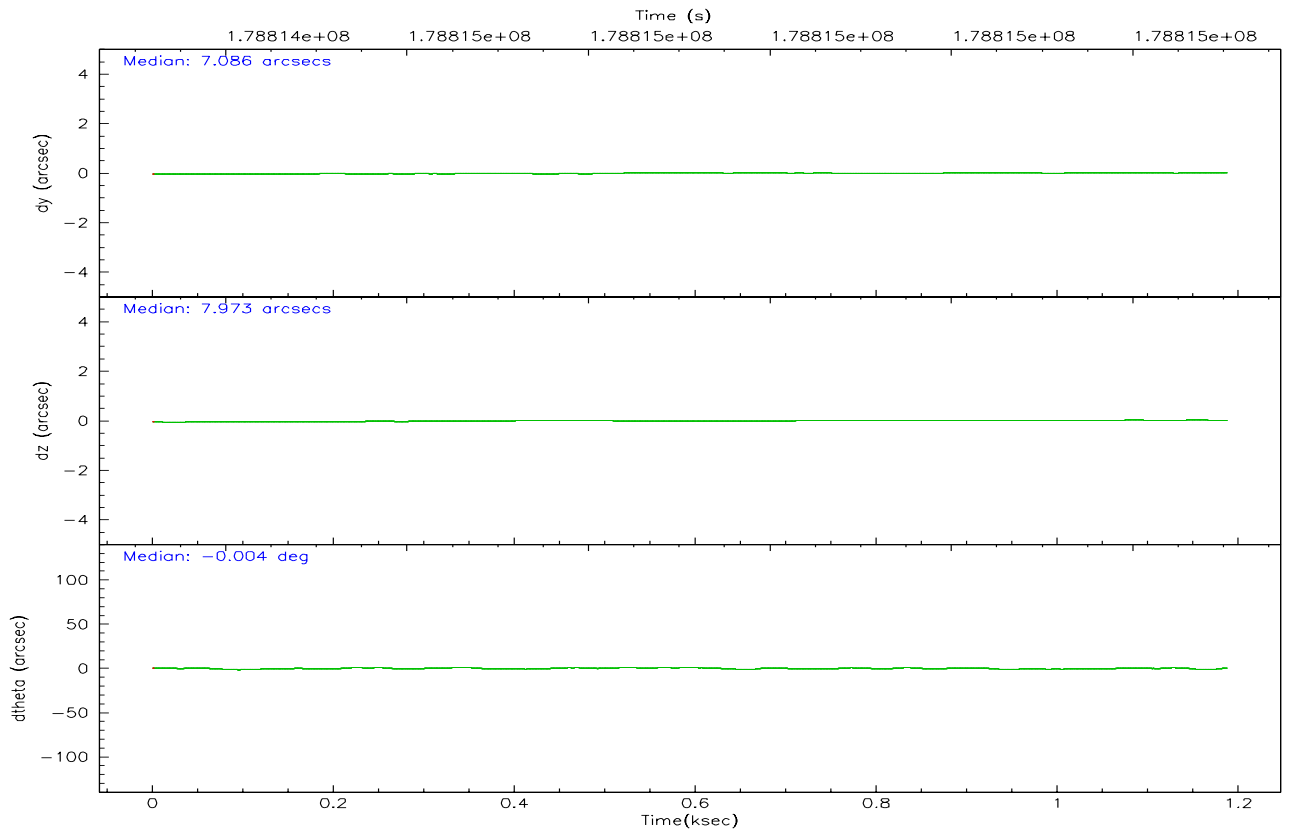
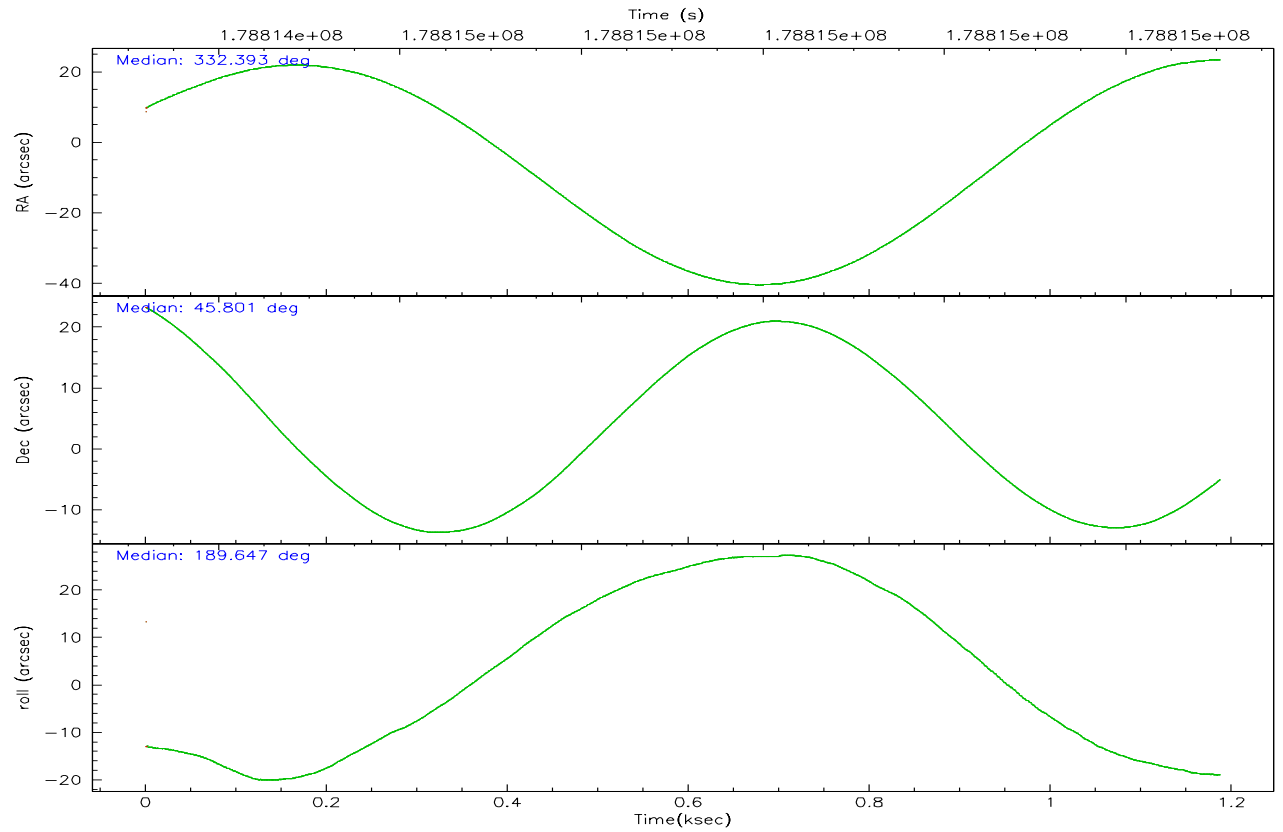
	segment 1	segment 2	segment 3
level 1 events	1045	64590	1030
rejected events	1045	23470	1030
rejected %	100%	36%	100%

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	332.421153	332.3917187359698			
Pointing Dec	45.821805	45.80173952156477			
Pointing Roll	189.565405	189.6538517260448			
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	178814508.184000	178814132.84524			
Observation start date	2003-09-01T14:40:44	2003-09-01T14:35:32			
Observation end time	178815508.184000	178815642.6703			
Observation end date	2003-09-01T14:57:24	2003-09-01T15:00:42			

2.3 Aspect



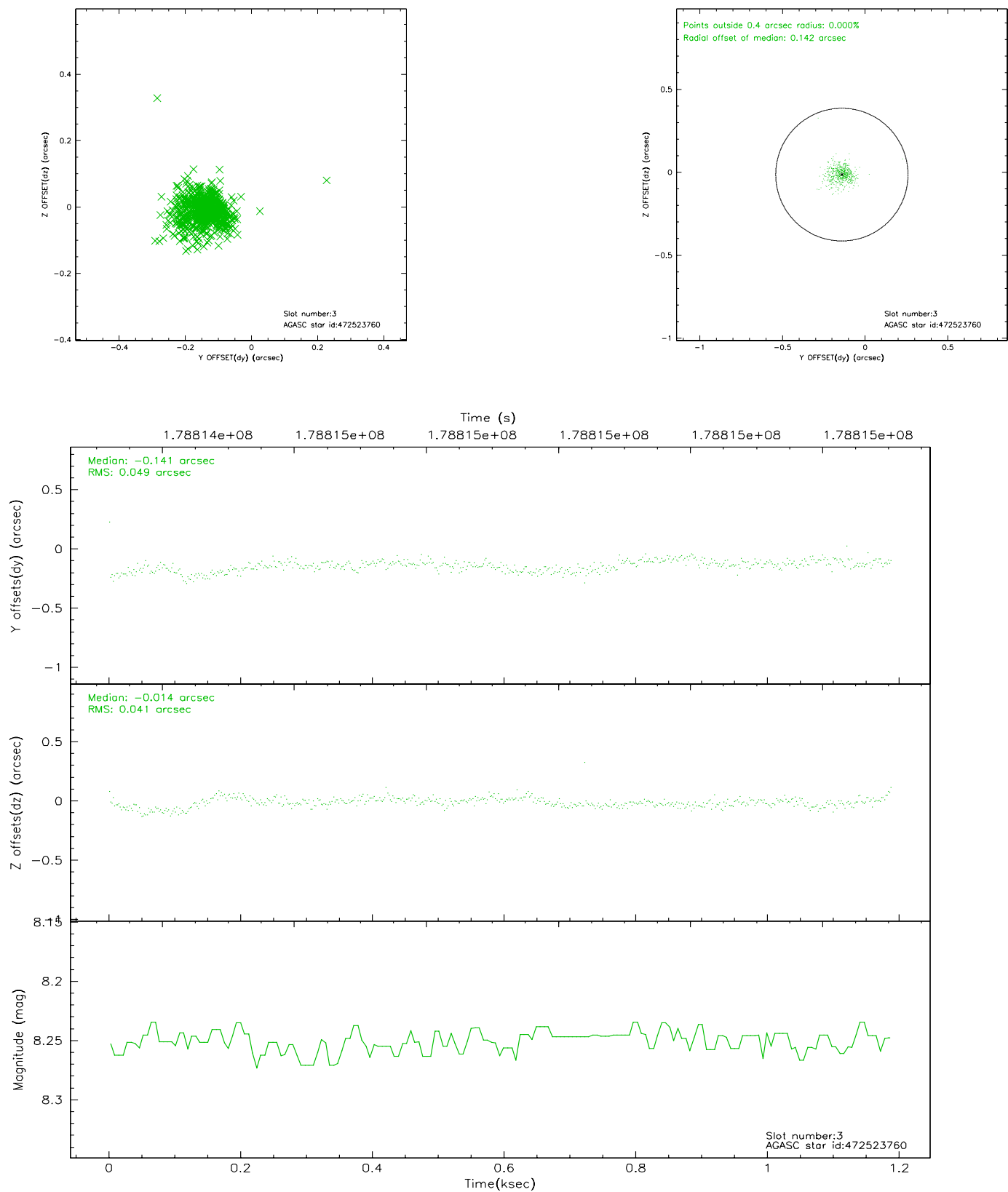


Slot Statistics

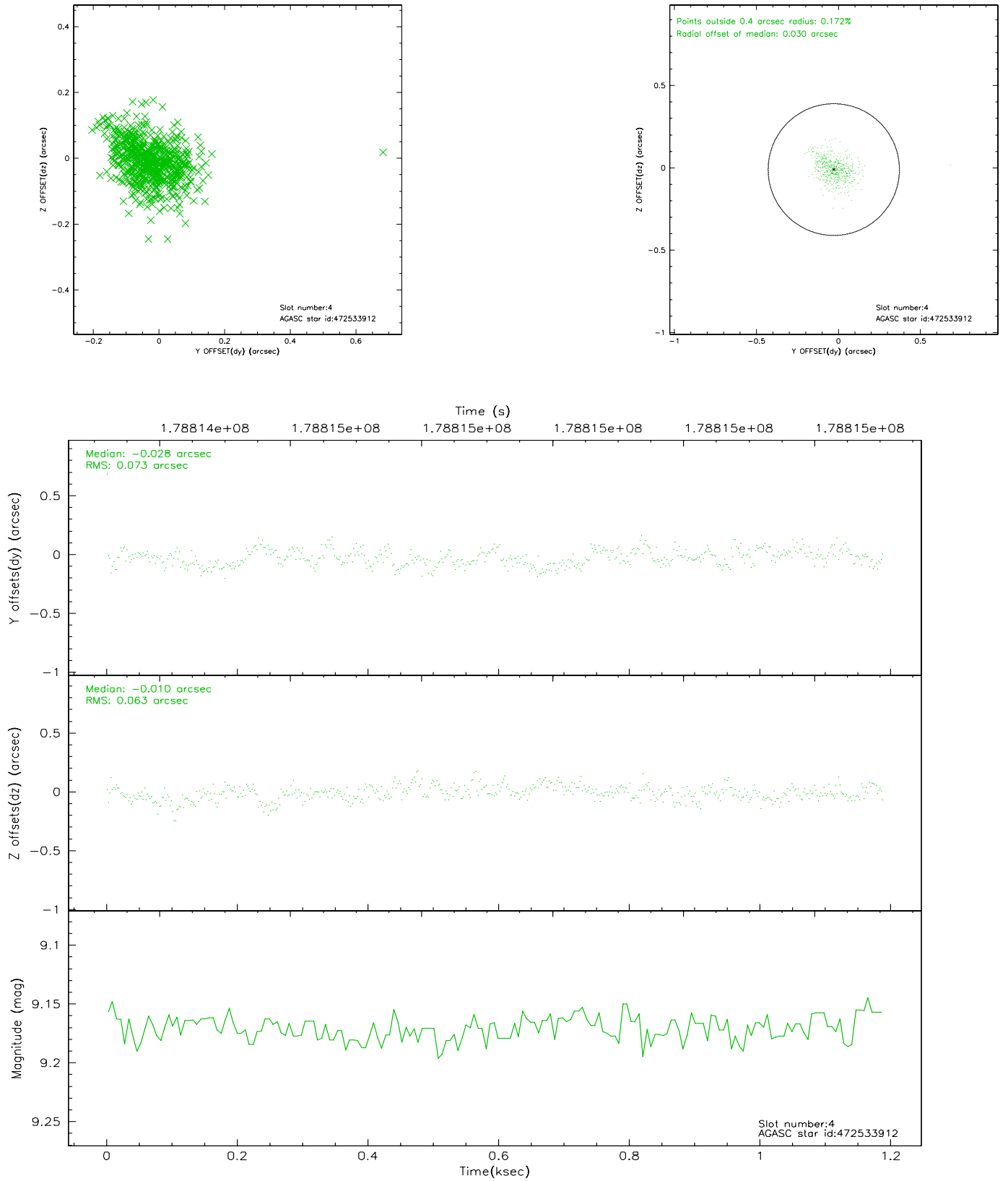
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	290	0.120	-0.116	0.007	0.015	0.000000	0.000000	-1161.24	-456.56
1	FID	HRC-S-2	7.02	290	0.157	-0.108	0.005	0.010	0.000000	0.000000	1234.47	-450.75
2	FID	HRC-S-3	7.03	290	0.113	-0.078	0.008	0.015	0.000000	0.000000	-1159.72	571.46
3	GUIDE	472523760	8.25	580	-0.141	-0.014	0.063	0.109	331.645363	45.403260	2184.01	1148.08
4	GUIDE	472533912	9.17	580	-0.028	-0.010	0.098	0.170	331.791136	46.368695	1220.88	-2208.32
5	GUIDE	472655152	9.45	579	0.131	0.049	0.116	0.206	332.504239	45.862991	-226.05	-118.22
6	GUIDE	472655704	9.47	580	-0.000	-0.079	0.110	0.204	332.167195	45.285228	956.38	1793.96
7	GUIDE	472659832	9.48	579	0.019	0.050	0.142	0.292	332.780399	46.098139	-1046.42	-833.70

2.4 Star Slots

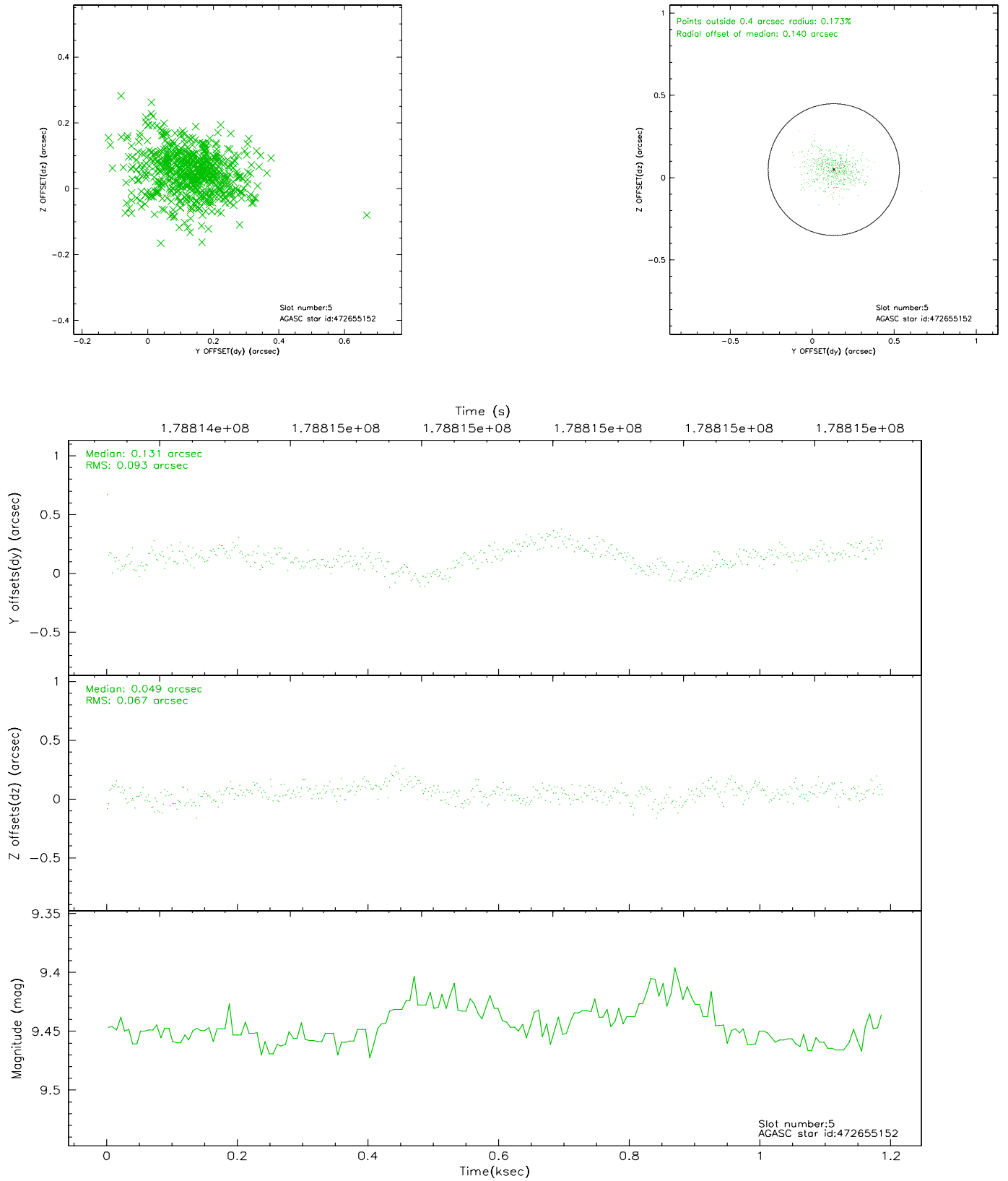
2.4.1 Slot 3



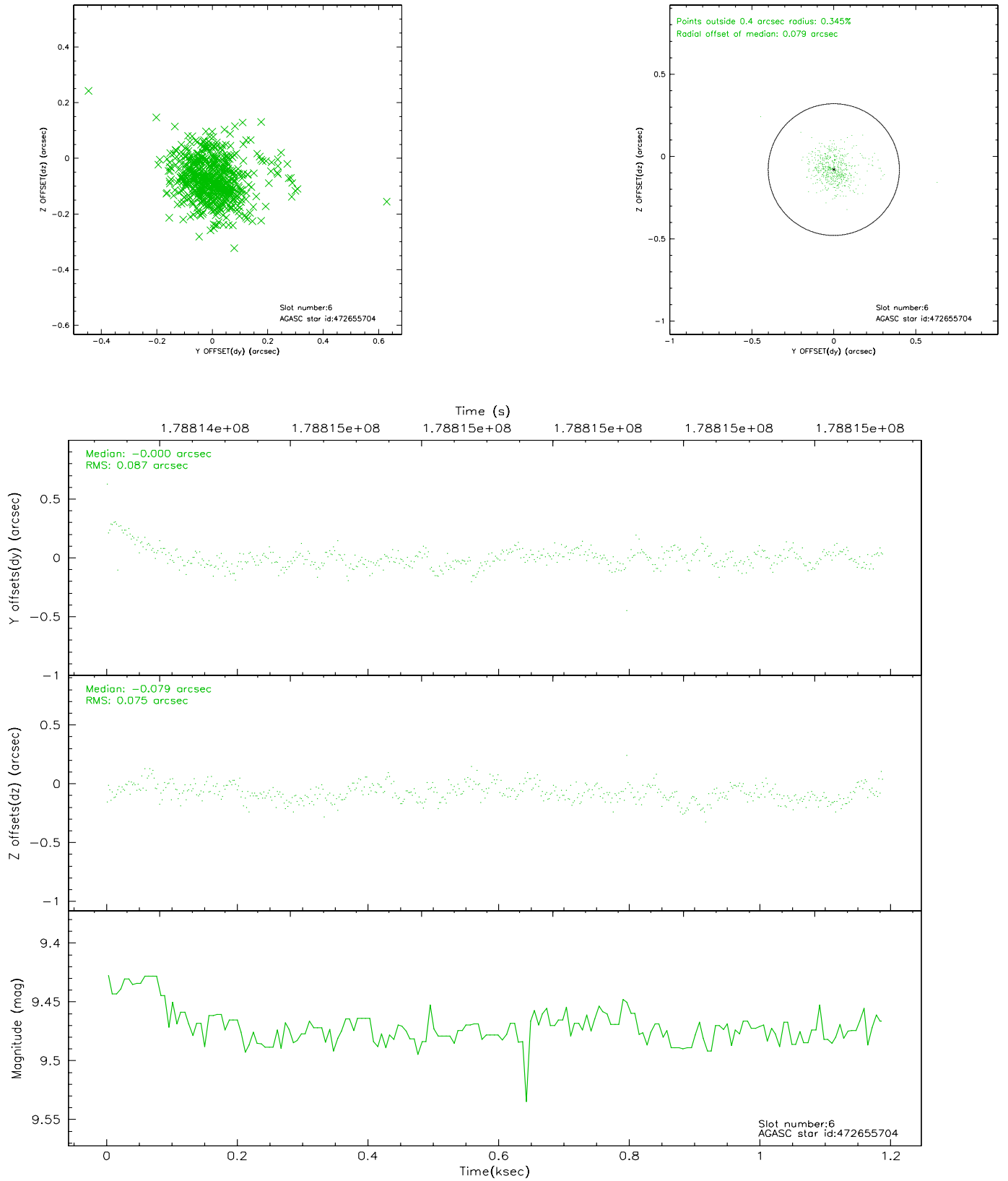
2.4.2 Slot 4



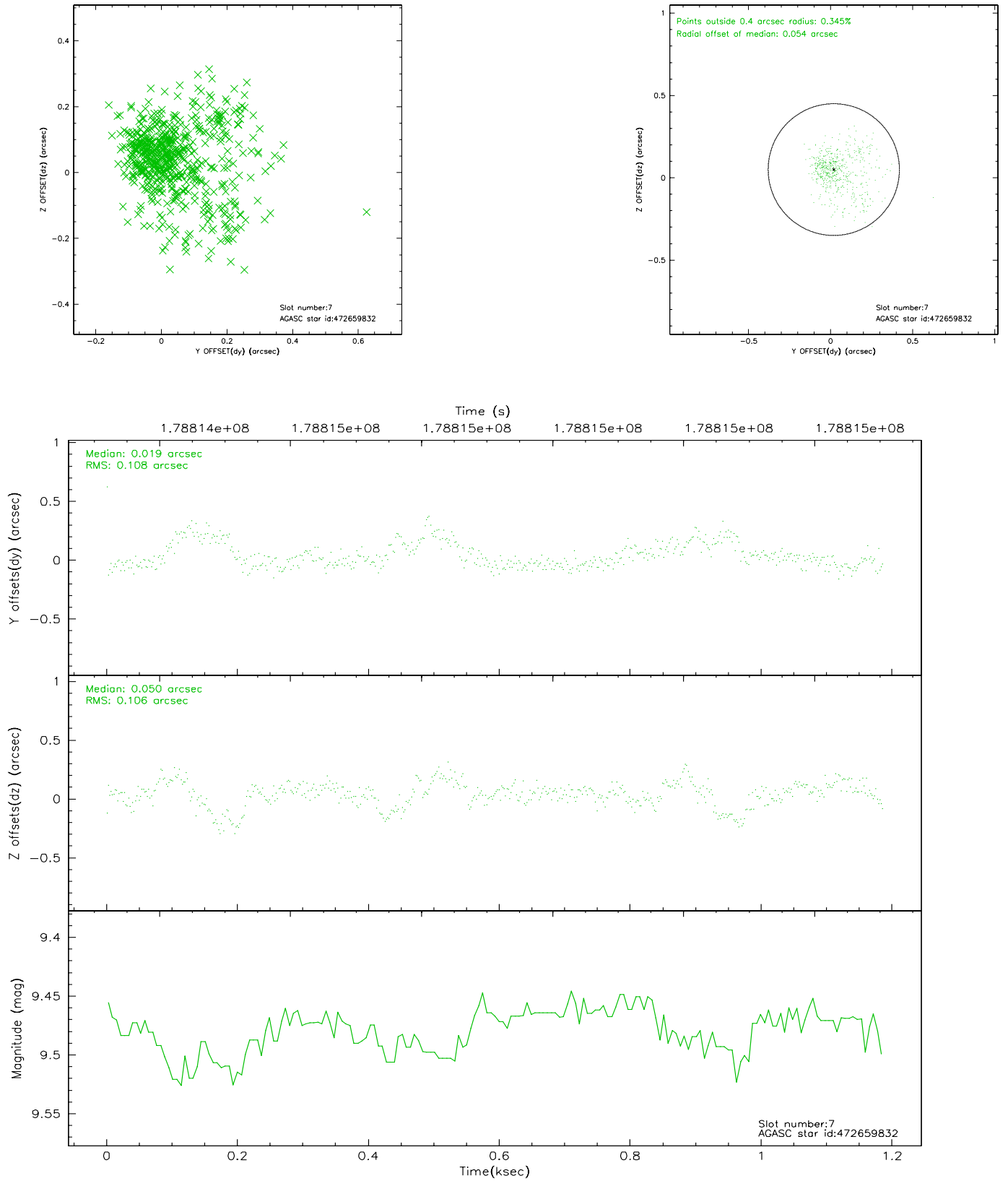
2.4.3 Slot 5



2.4.4 Slot 6

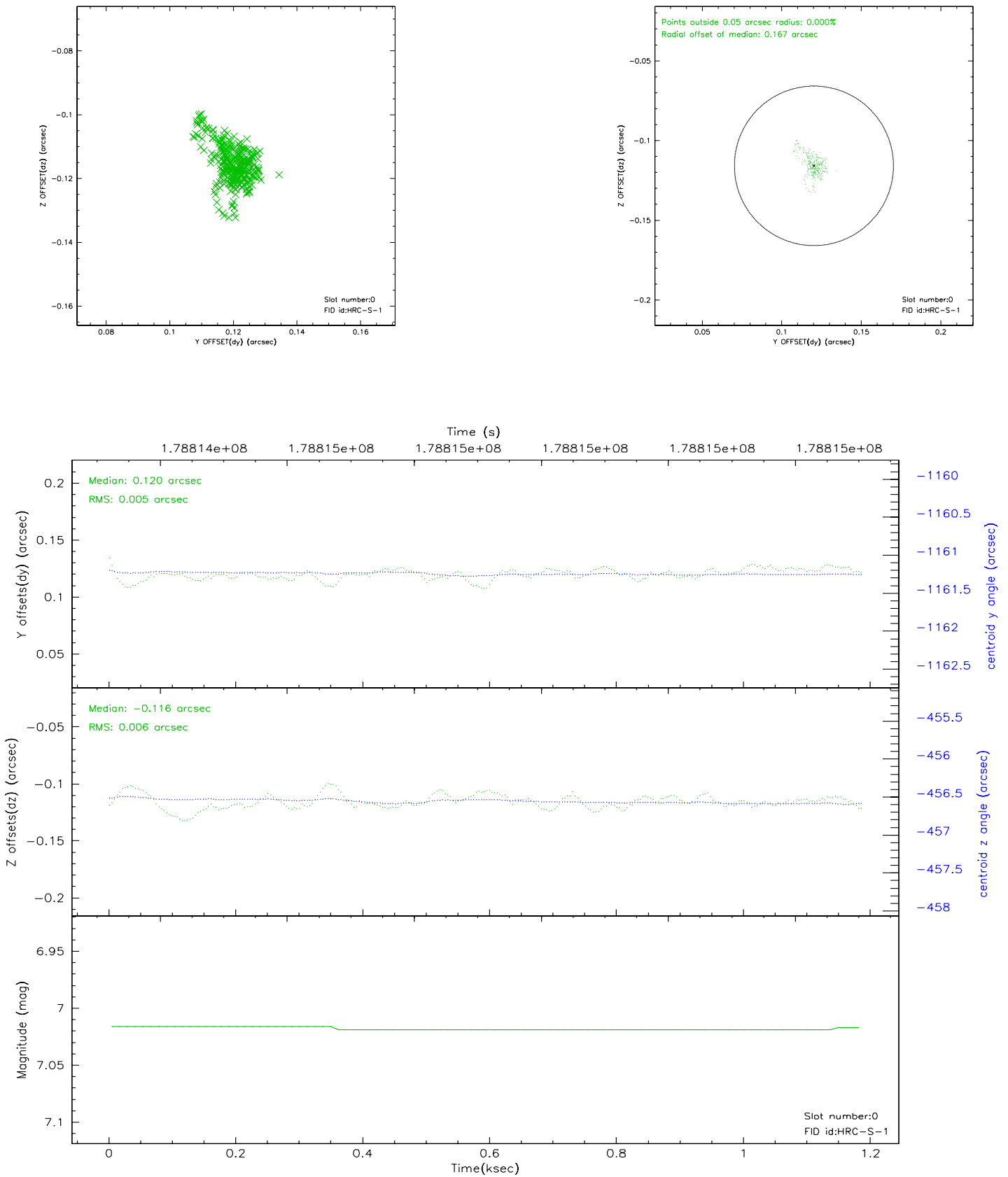


2.4.5 Slot 7

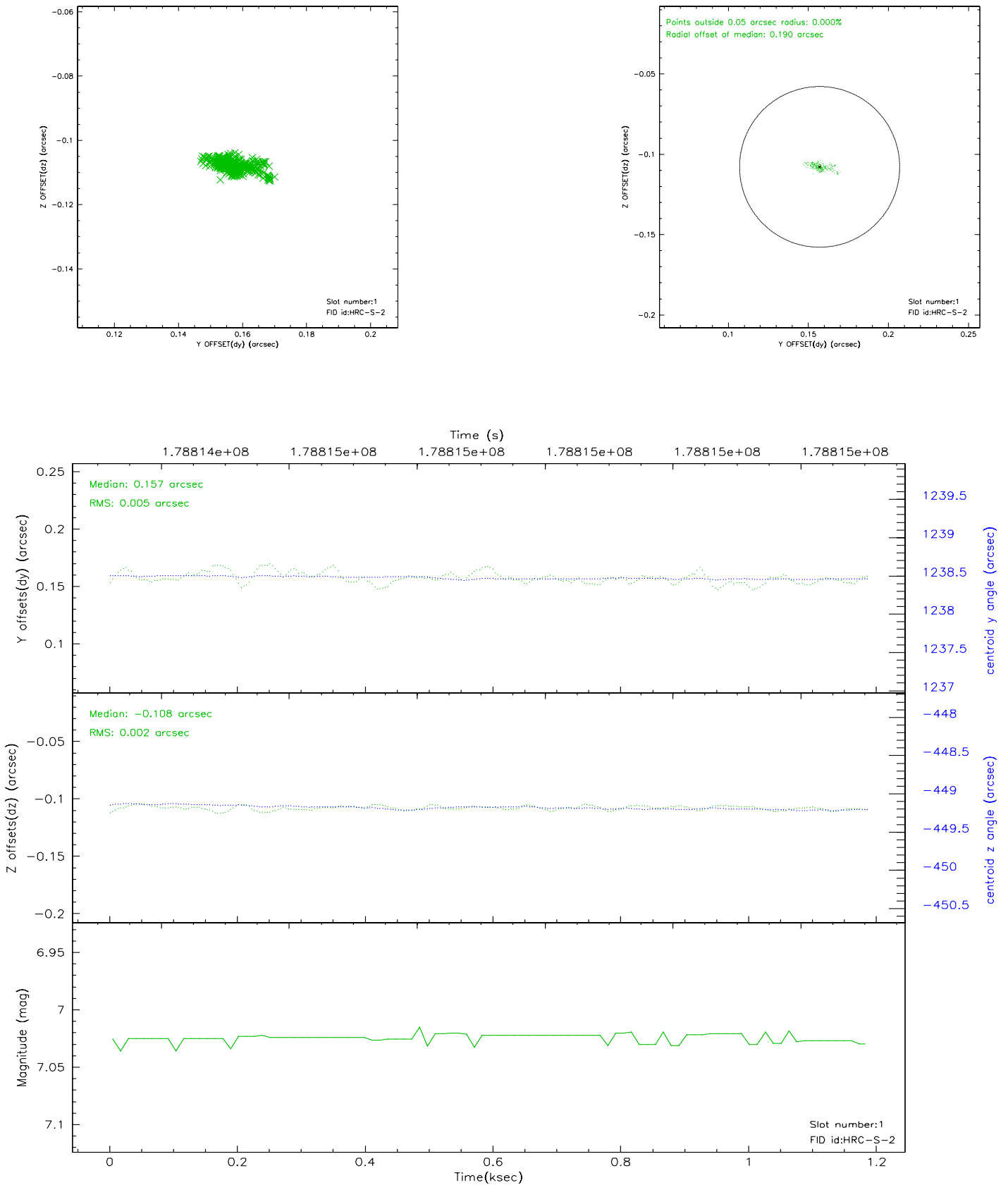


2.5 FID Slots

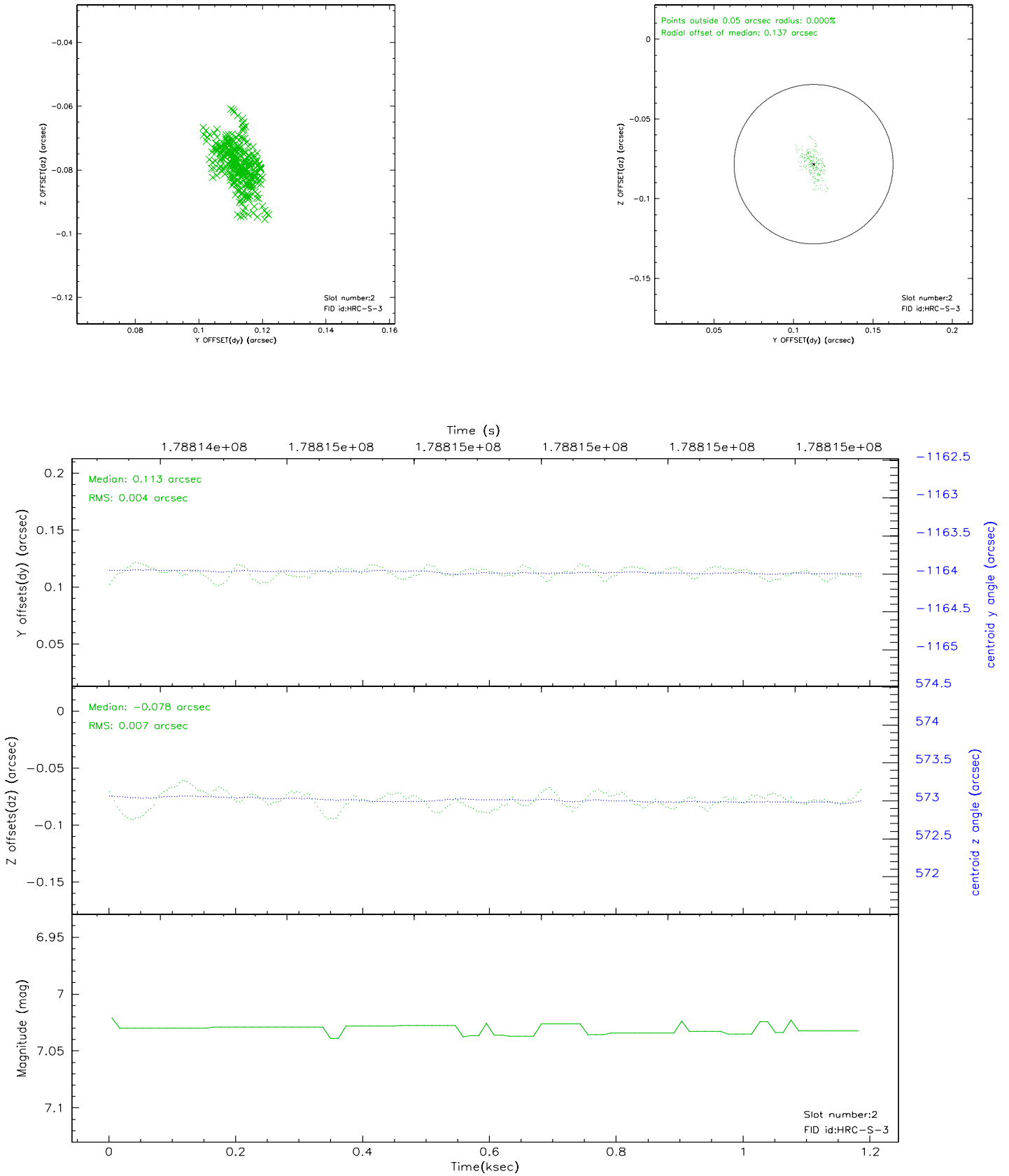
2.5.1 Slot 0



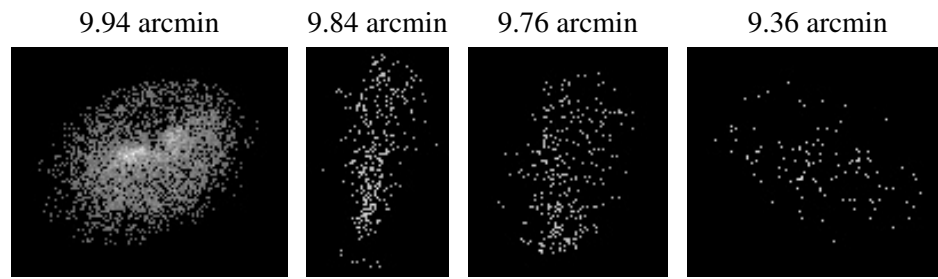
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.141

A.2 Comments