

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2439 - L2 Version 001
Chandra X-Ray Center

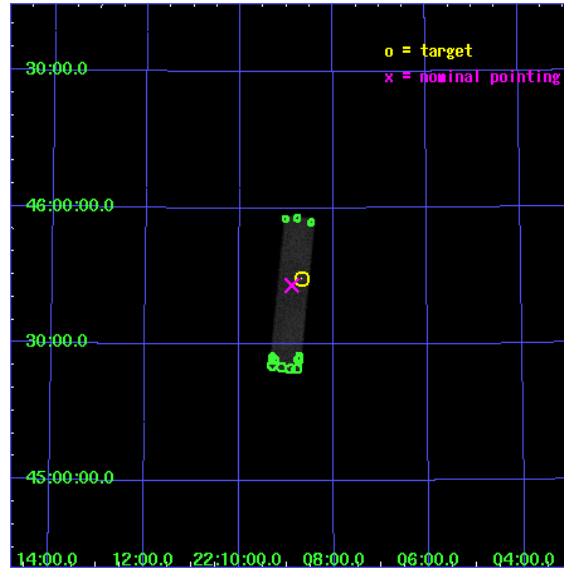
L2 Processing Date : Nov 21 2006

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1 Front

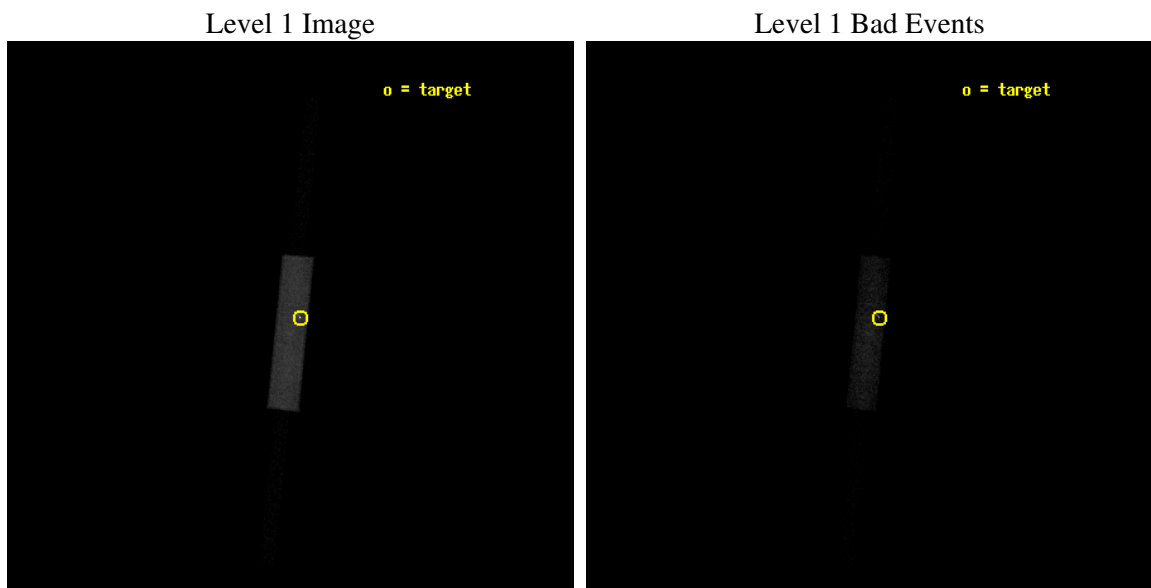
seq_num	290078
obs_id	2439
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.22108160584
dec_nom	45.717792015541
roll_nom	95.70229004587
revision	4
ontime	1375.8063034564
livetime	1367.4539968527
l2events	58253



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	2006-11-21T15:31:36
revision	3

sched_exp_time	1234.000000
ontime	1415.5250549912
l1events	99389

2.1.3 Events

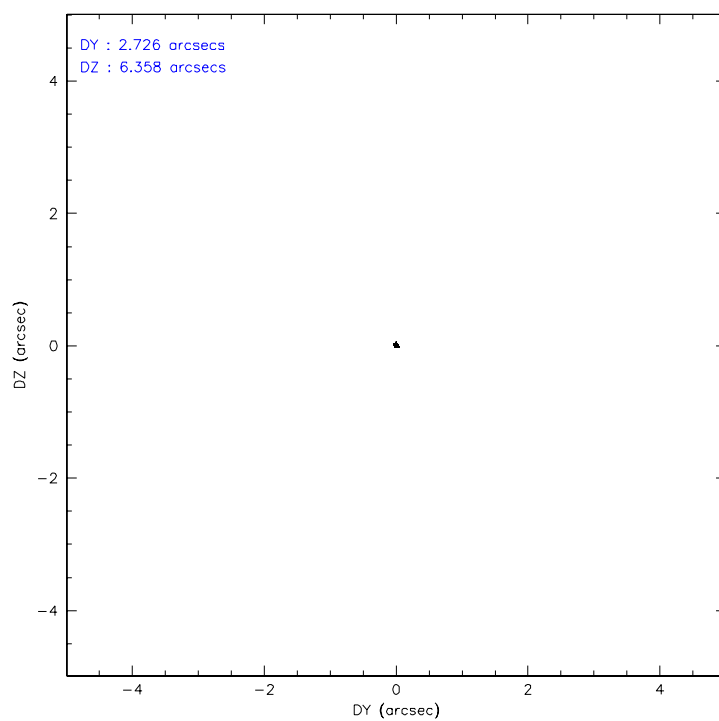
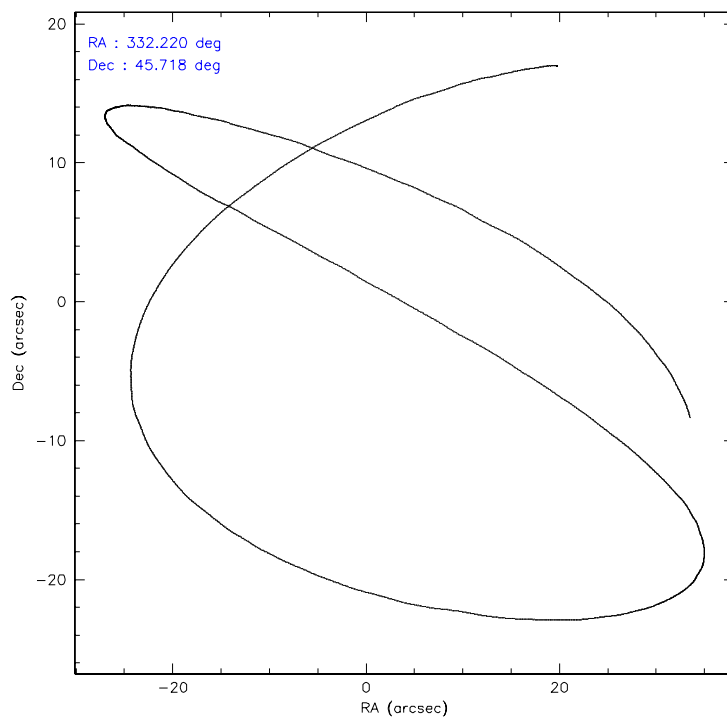
Level 1 Events

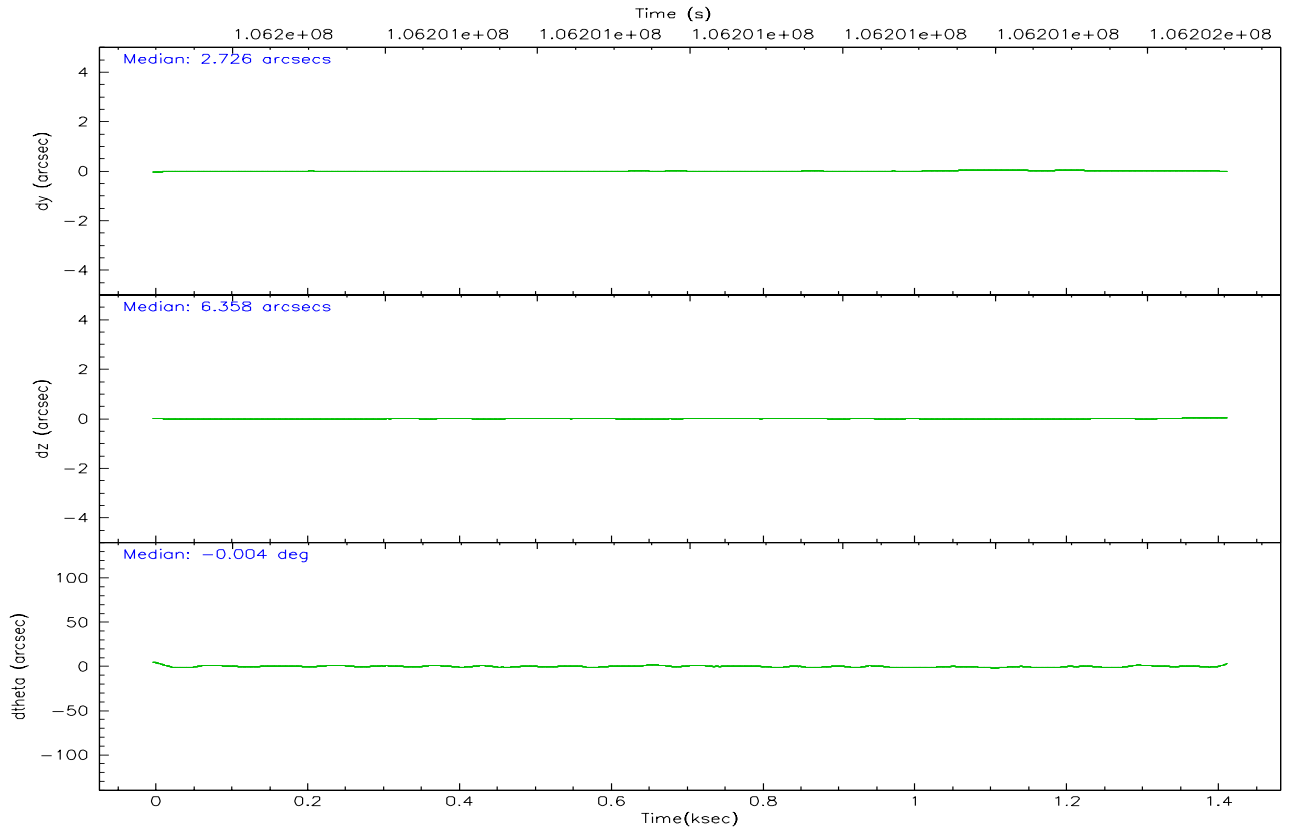
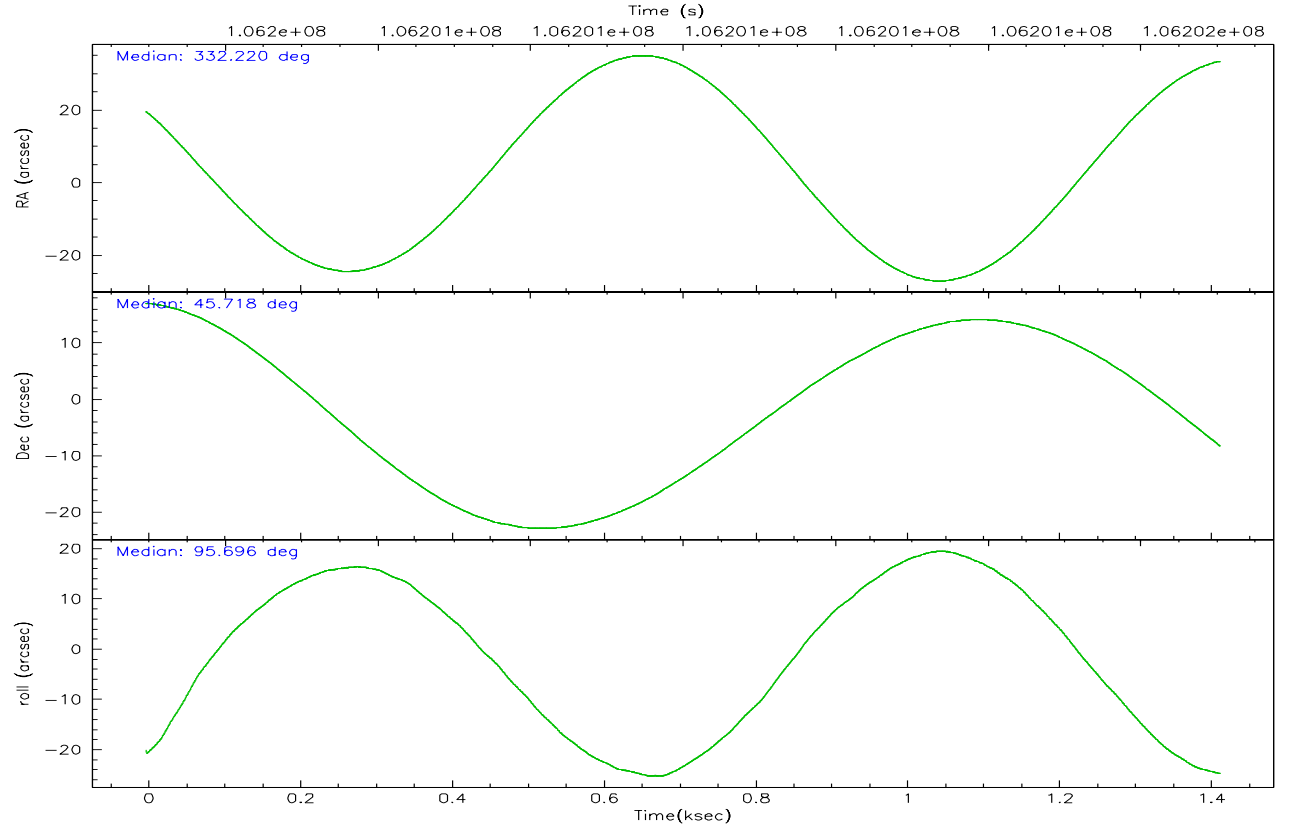
	segment 1	segment 2	segment 3
level 1 events	1533	96427	1429
rejected events	1533	34830	1429
rejected %	100%	36%	100%

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	332.247260	332.221081605836			
Pointing Dec	45.694712	45.71779201554132			
Pointing Roll	95.616249	95.70229004586976			
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	106200475.184000	106200098.94566			
Observation start date	2001-05-14T04:06:51	2001-05-14T04:01:38			
Observation end time	106201709.184000	106201842.47073			
Observation end date	2001-05-14T04:27:25	2001-05-14T04:30:42			

2.3 Aspect



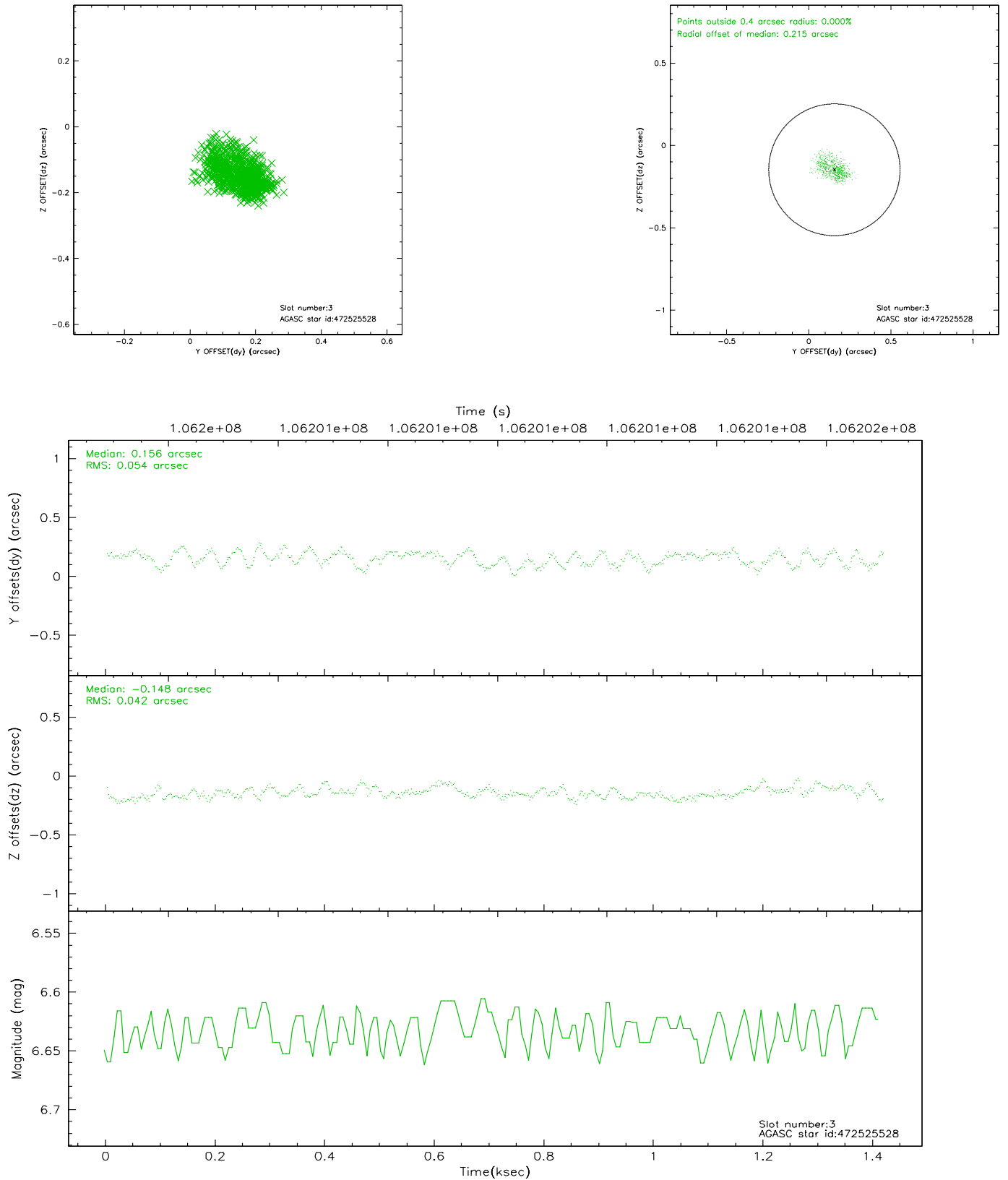


Slot Statistics

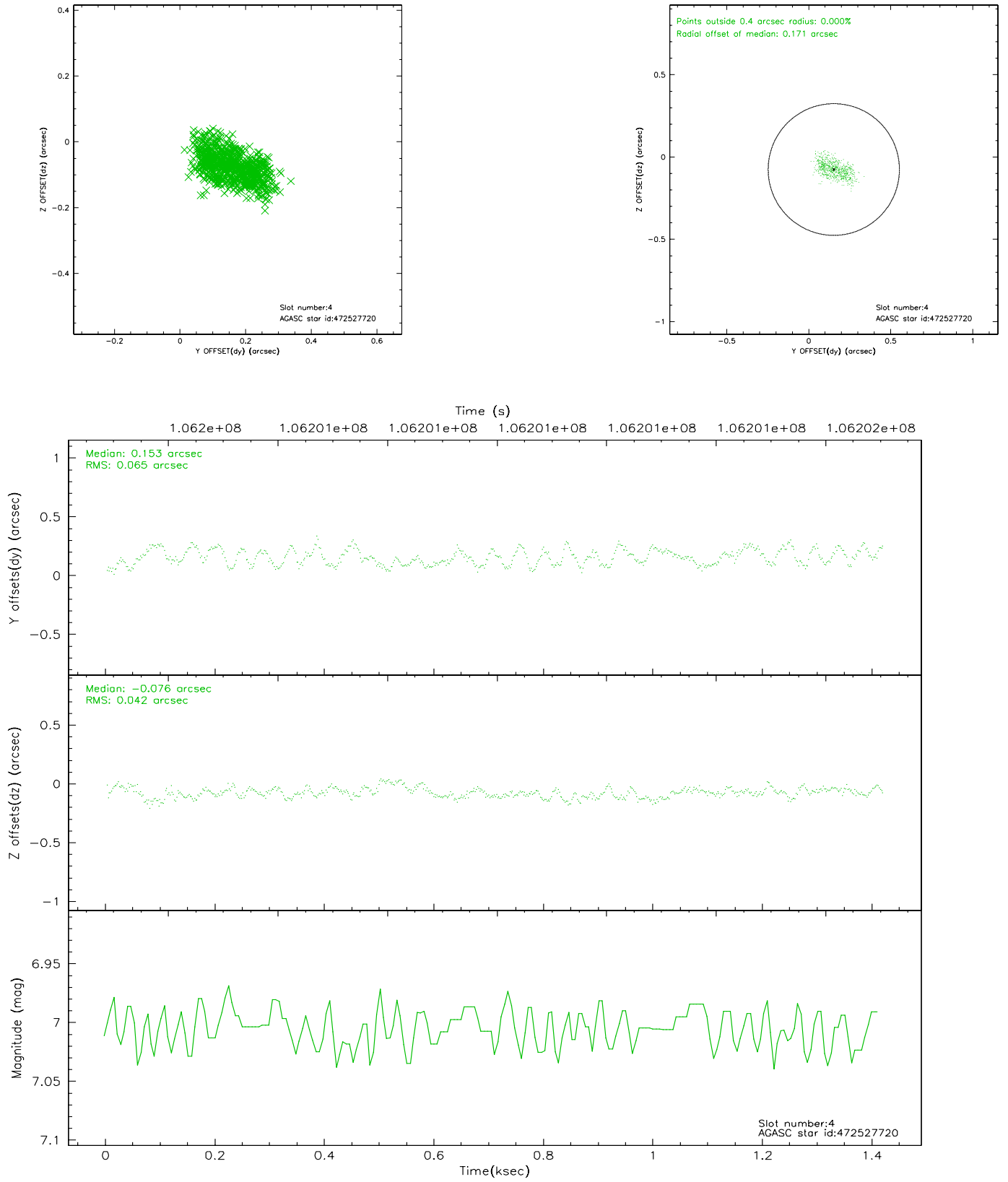
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	346	0.138	-0.105	0.004	0.009	0.000000	0.000000	-1156.75	-454.89
1	FID	HRC-S-2	6.98	346	0.124	-0.154	0.008	0.014	0.000000	0.000000	1239.57	-448.85
2	FID	HRC-S-4	6.93	346	0.141	-0.044	0.008	0.013	0.000000	0.000000	1245.08	576.01
3	GUIDE	472525528	6.63	692	0.156	-0.148	0.073	0.115	331.551102	45.248694	-1420.53	1909.87
4	GUIDE	472527720	7.00	692	0.153	-0.076	0.083	0.129	331.460205	45.112509	-1885.41	2194.48
5	GUIDE	472535576	7.85	692	-0.197	-0.058	0.048	0.075	331.438373	46.291802	2340.45	1792.41
6	GUIDE	472523760	8.24	692	0.051	0.034	0.051	0.085	331.645363	45.403260	-889.15	1616.53
7	GUIDE	472665256	9.00	691	-0.153	0.247	0.071	0.118	332.808125	46.195041	1656.66	-1567.16

2.4 Star Slots

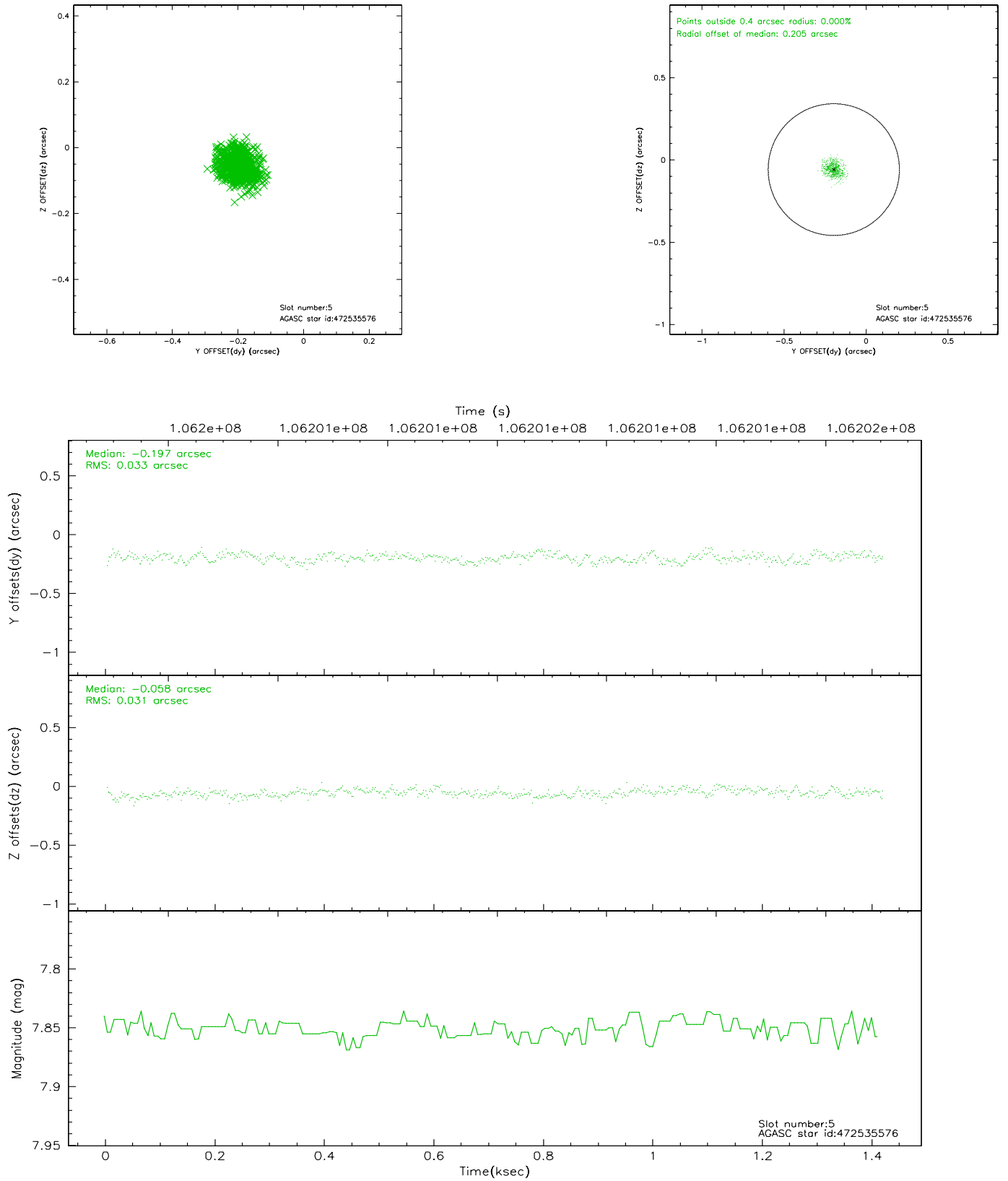
2.4.1 Slot 3



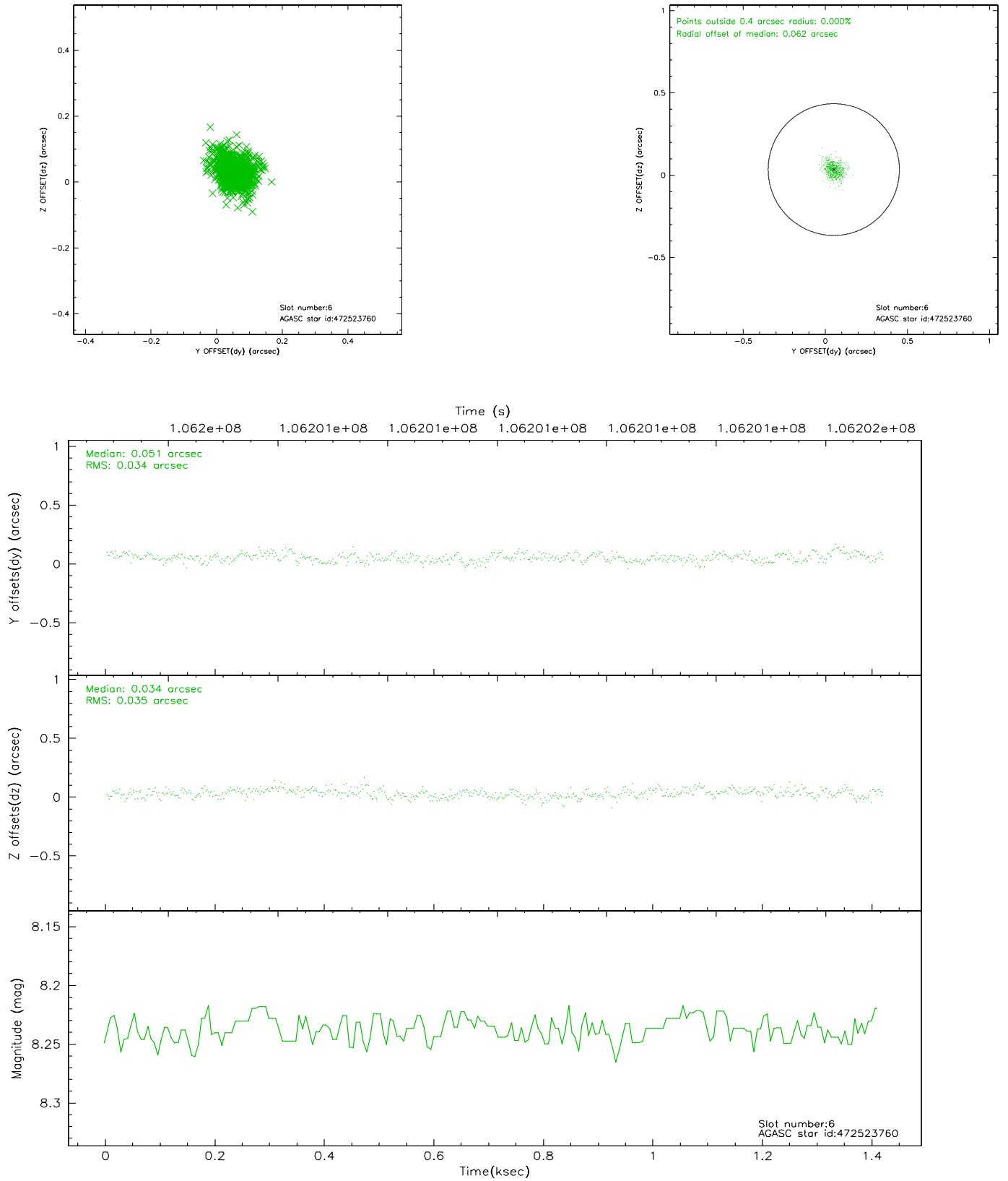
2.4.2 Slot 4



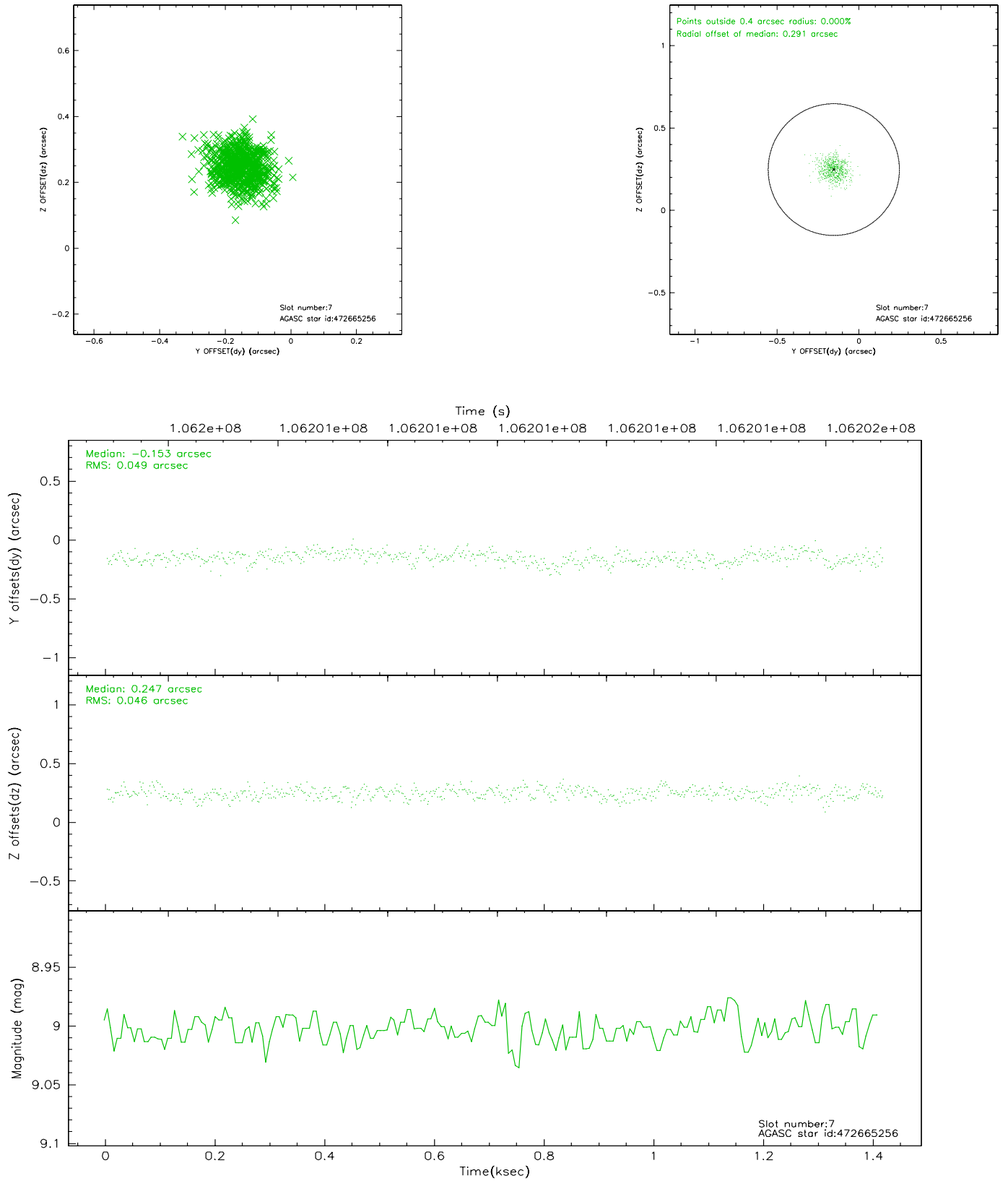
2.4.3 Slot 5



2.4.4 Slot 6

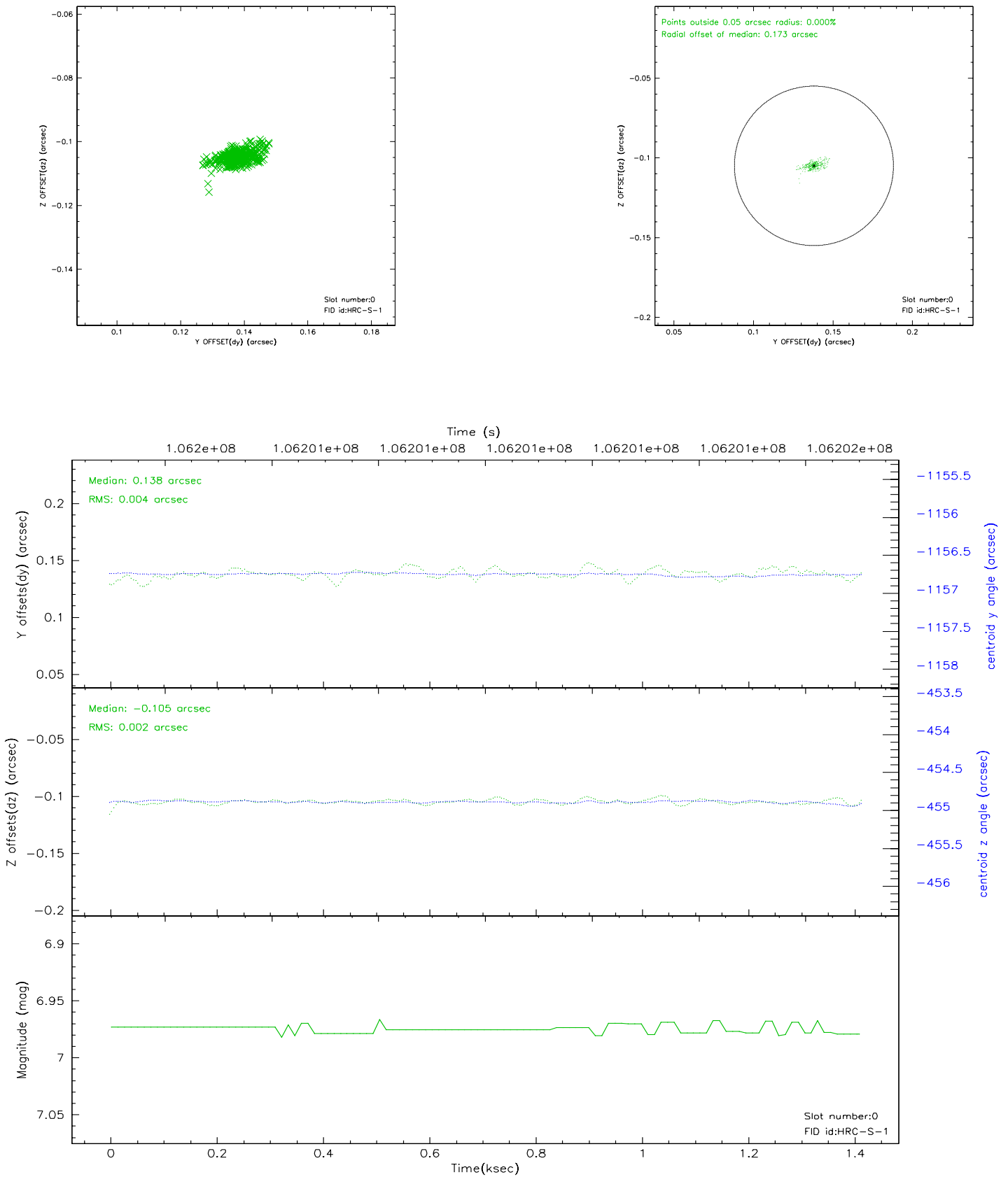


2.4.5 Slot 7

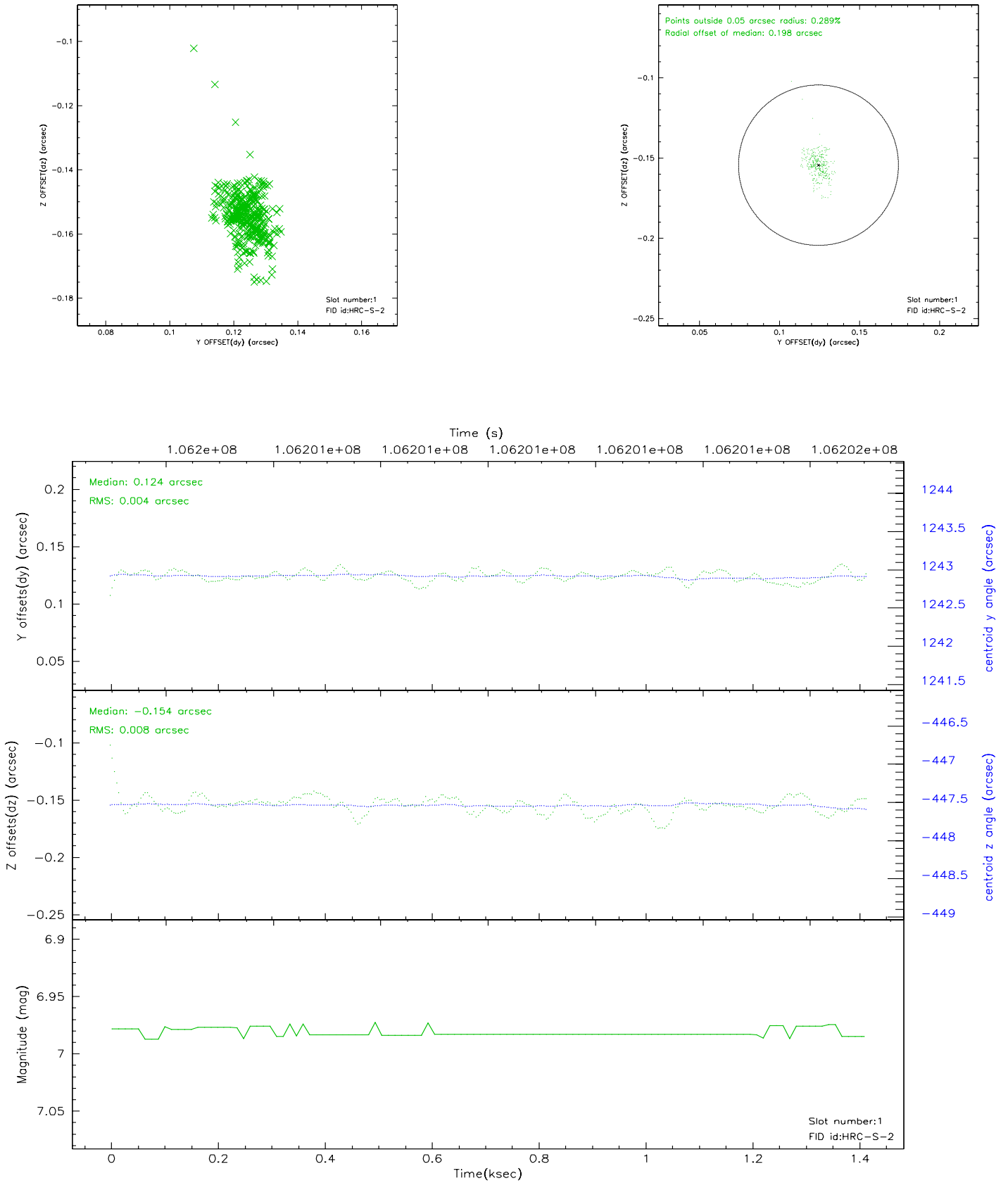


2.5 FID Slots

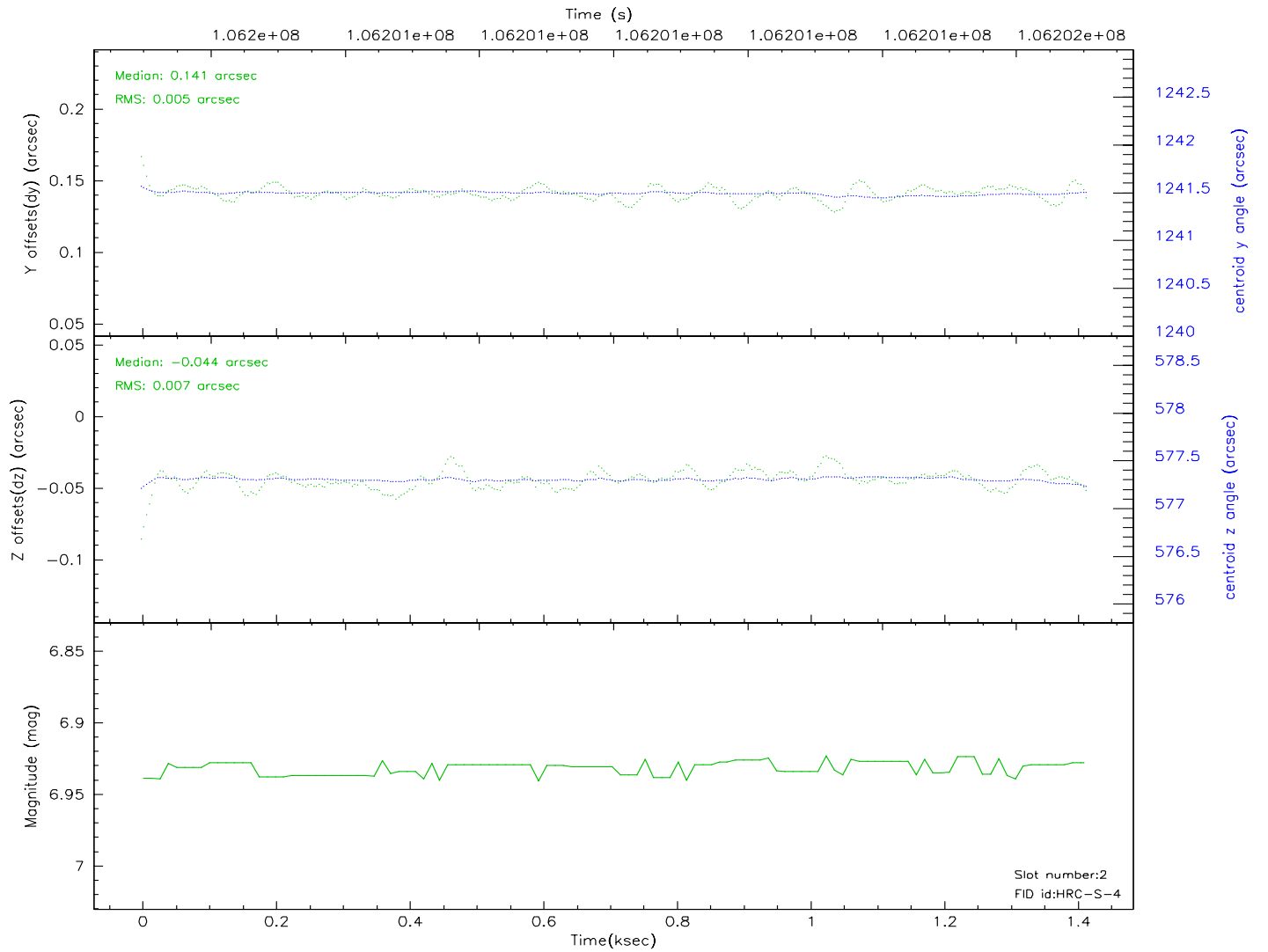
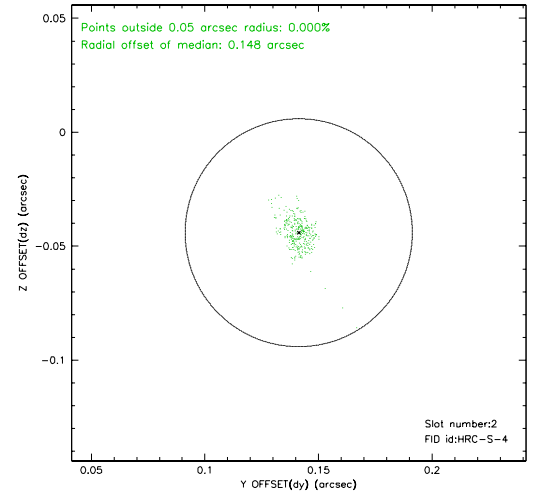
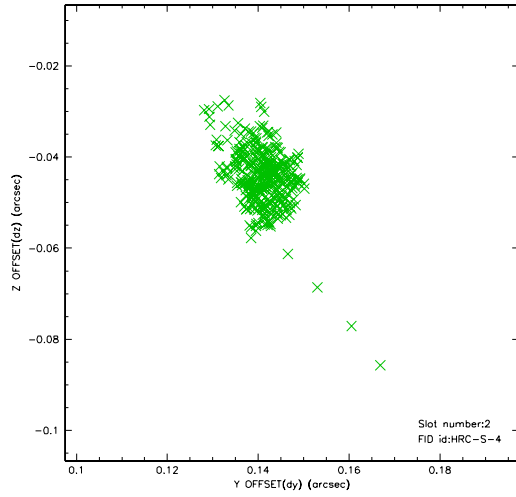
2.5.1 Slot 0



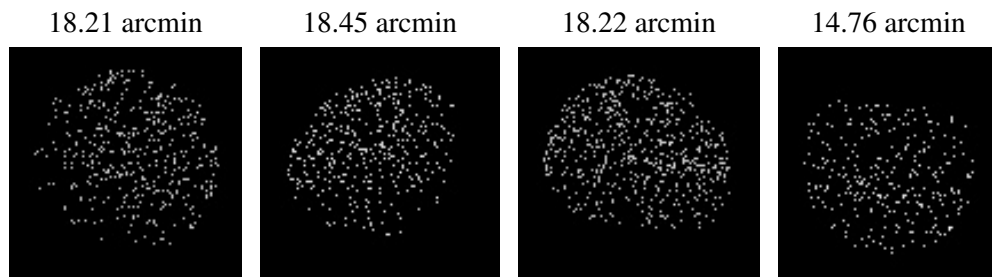
2.5.2 Slot 1



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