

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2446 - L2 Version 001
Chandra X-Ray Center

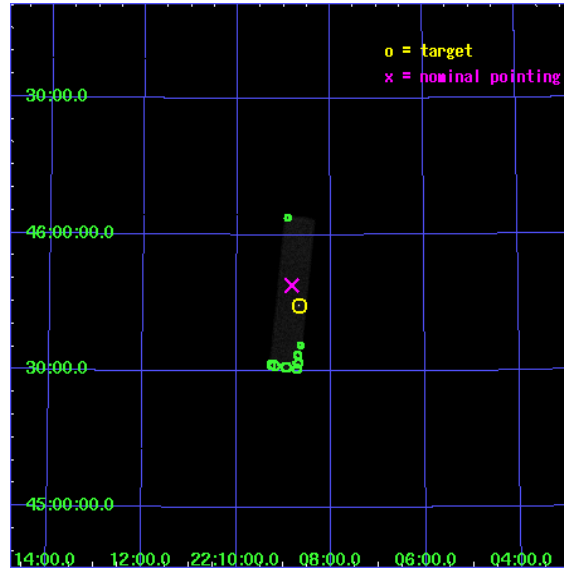
L2 Processing Date : Nov 21 2006

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1 Front

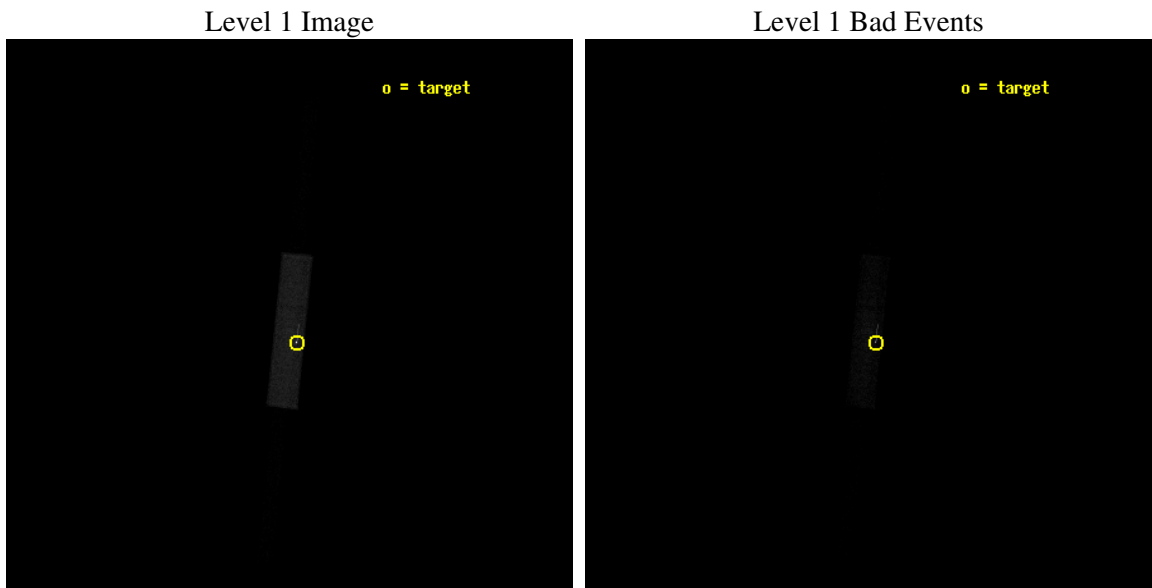
seq_num	290078
obs_id	2446
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.20706221877
dec_nom	45.815928833885
roll_nom	95.799480087851
revision	4
ontime	1376.8313034773
livetime	1368.4910683073
l2events	60464



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	2006-11-21T15:42:08
revision	3

sched_exp_time	1234.000000
ontime	1422.7000552565
l1events	96279

2.1.3 Events

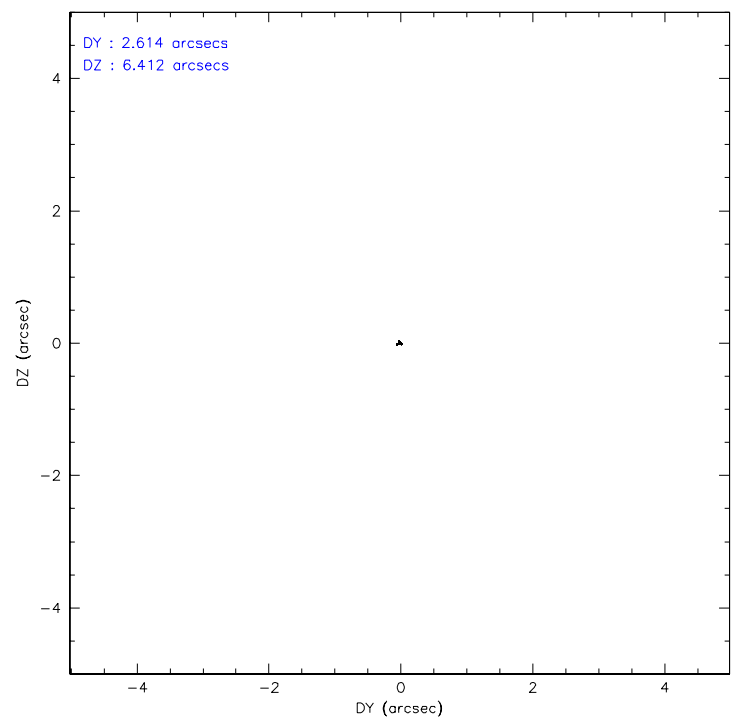
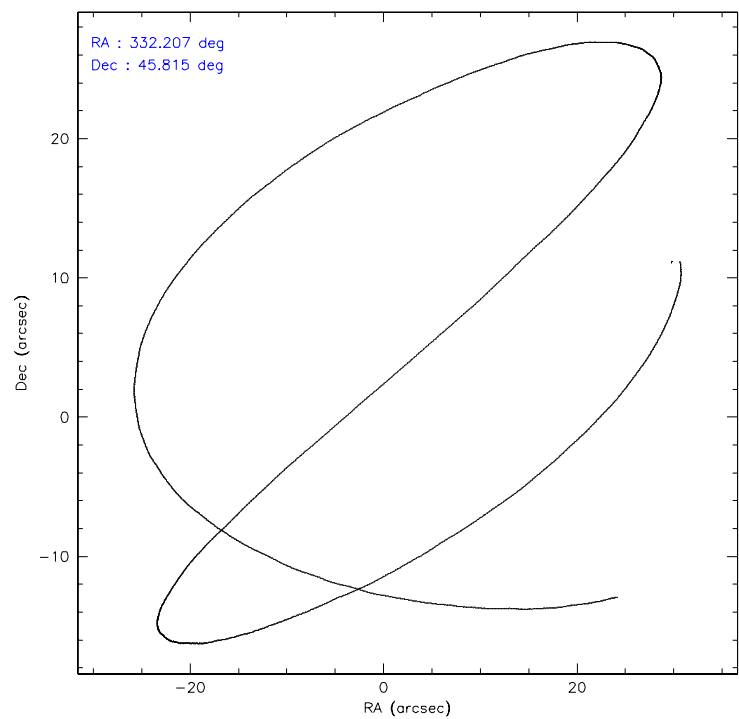
Level 1 Events

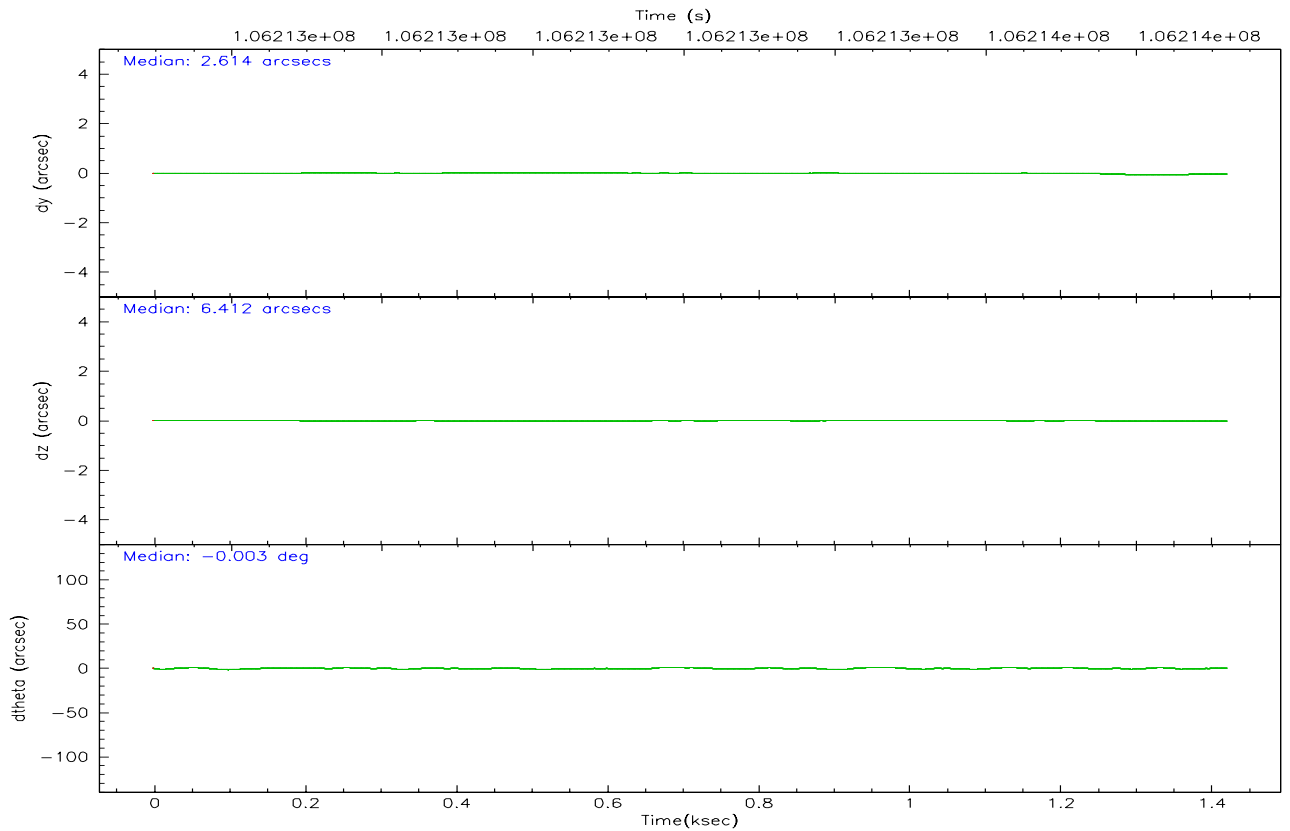
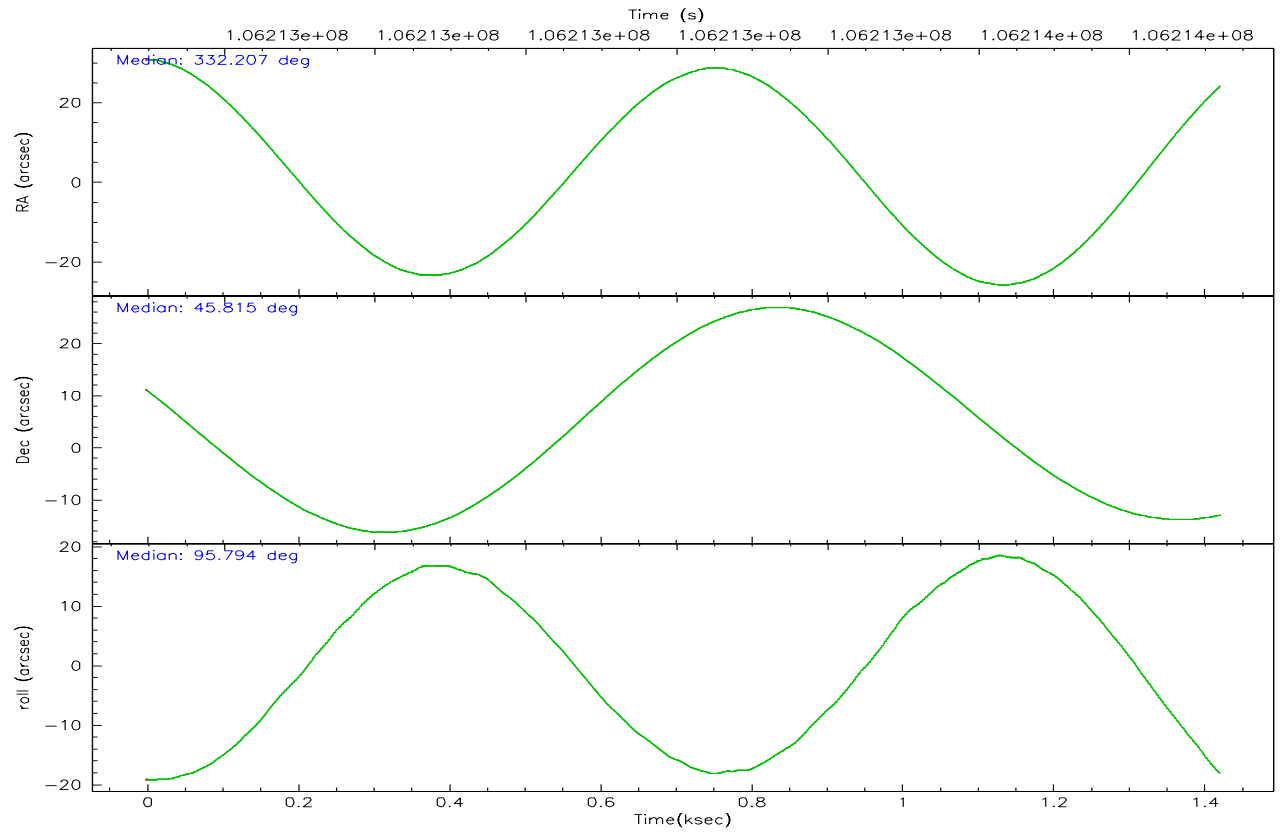
	segment 1	segment 2	segment 3
level 1 events	1532	93303	1444
rejected events	1532	29575	1444
rejected %	100%	31%	100%

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	332.233109	332.2070622187669			
Pointing Dec	45.794295	45.81592883388458			
Pointing Roll	95.713481	95.79948008785071			
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	106212683.184000	106212306.69613			
Observation start date	2001-05-14T07:30:19	2001-05-14T07:25:06			
Observation end time	106213917.184000	106214050.7337			
Observation end date	2001-05-14T07:50:53	2001-05-14T07:54:10			

2.3 Aspect



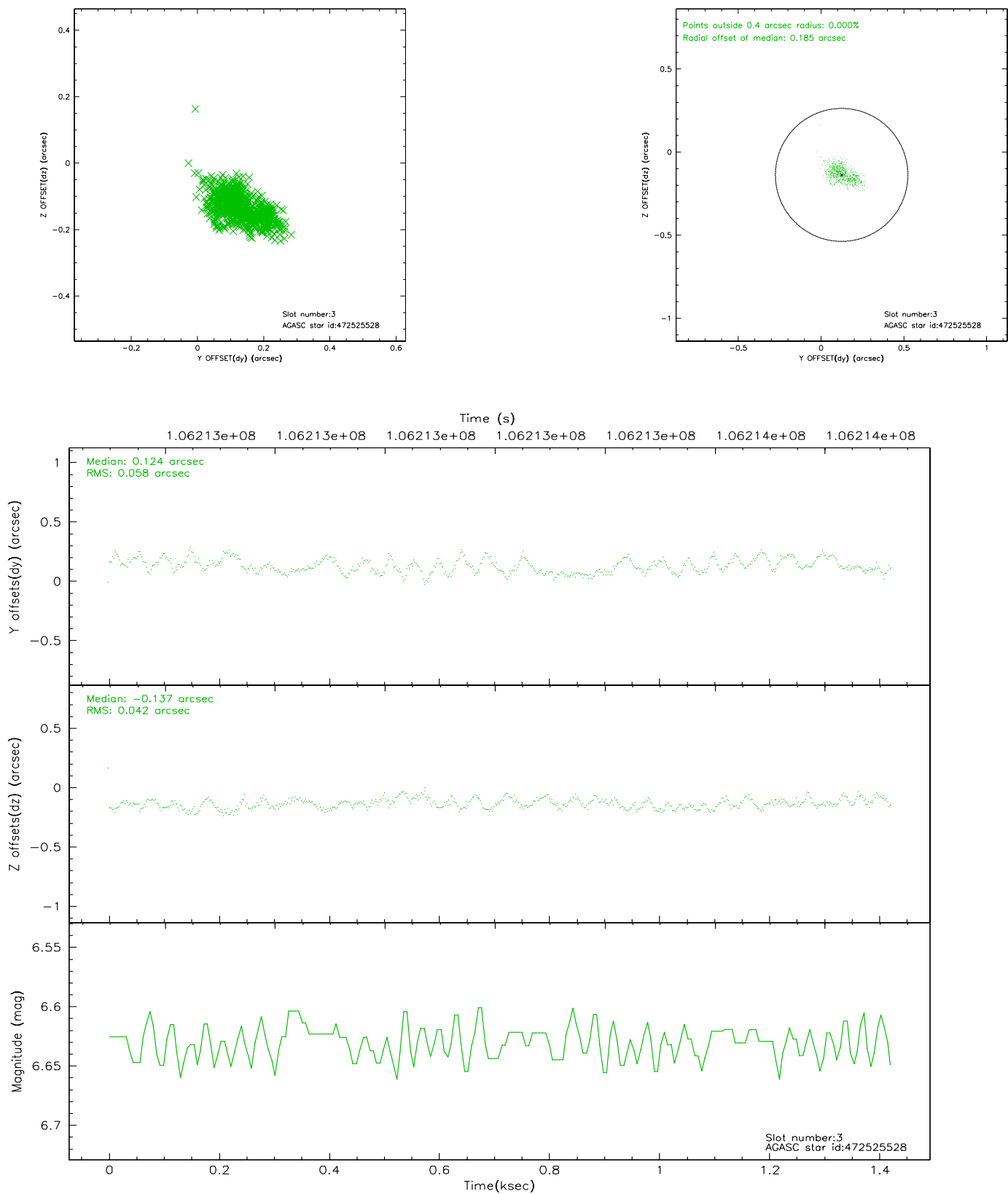


Slot Statistics

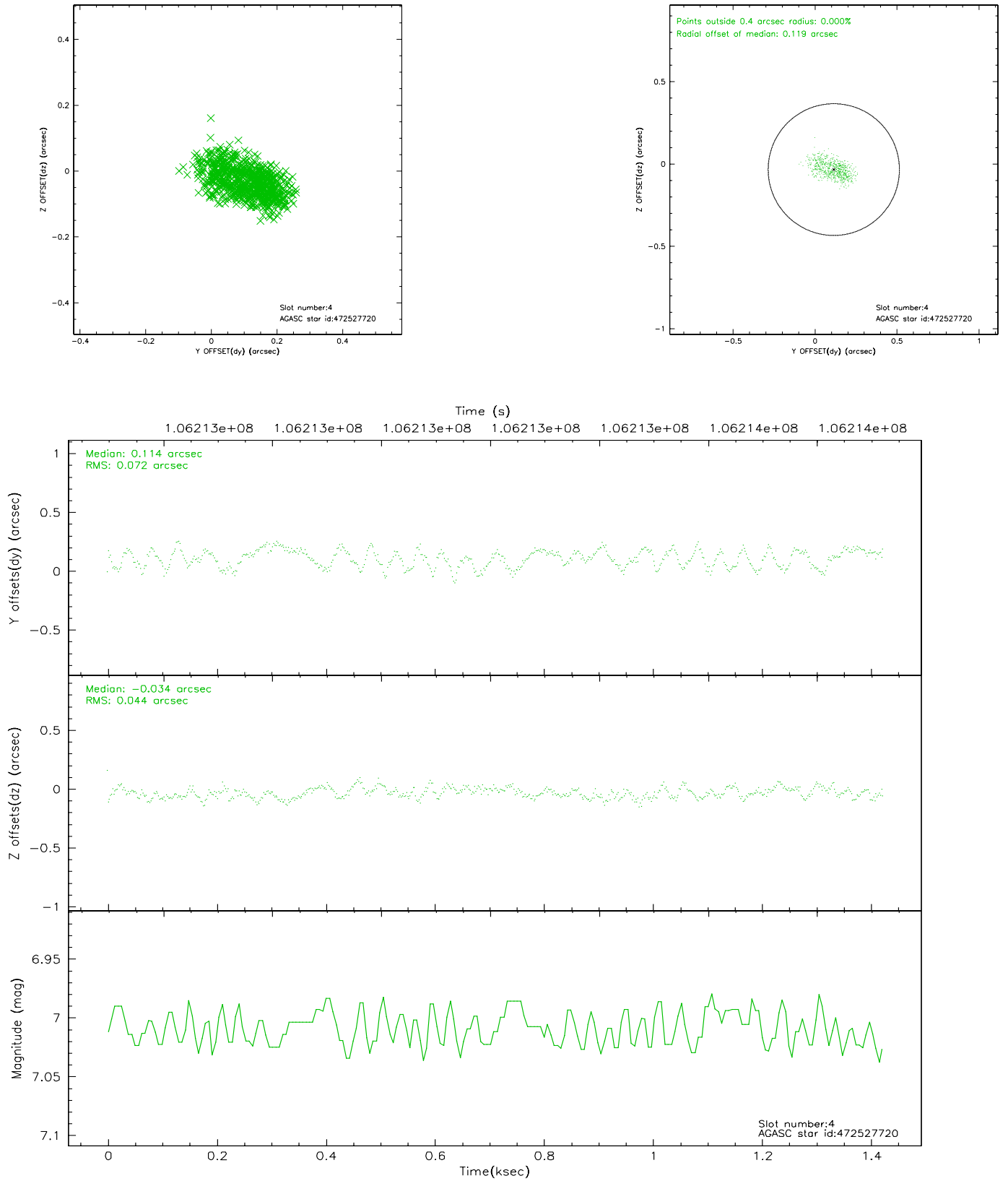
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	348	0.136	-0.109	0.005	0.009	0.000000	0.000000	-1156.64	-454.92
1	FID	HRC-S-2	6.98	348	0.120	-0.099	0.004	0.008	0.000000	0.000000	1239.70	-448.87
2	FID	HRC-S-3	7.00	348	0.134	-0.094	0.006	0.009	0.000000	0.000000	-1155.79	573.34
3	GUIDE	472525528	6.63	695	0.124	-0.137	0.076	0.125	331.551102	45.248694	-1772.70	1912.35
4	GUIDE	472527720	7.01	695	0.114	-0.034	0.092	0.143	331.460205	45.112509	-2237.67	2197.71
5	GUIDE	472535576	7.85	695	-0.185	-0.094	0.045	0.078	331.438373	46.291802	1987.63	1789.01
6	GUIDE	472523760	8.24	695	0.072	0.002	0.054	0.094	331.645363	45.403260	-1242.25	1618.14
7	GUIDE	472665256	9.00	694	-0.119	0.257	0.074	0.118	332.808125	46.195041	1298.70	-1569.39

2.4 Star Slots

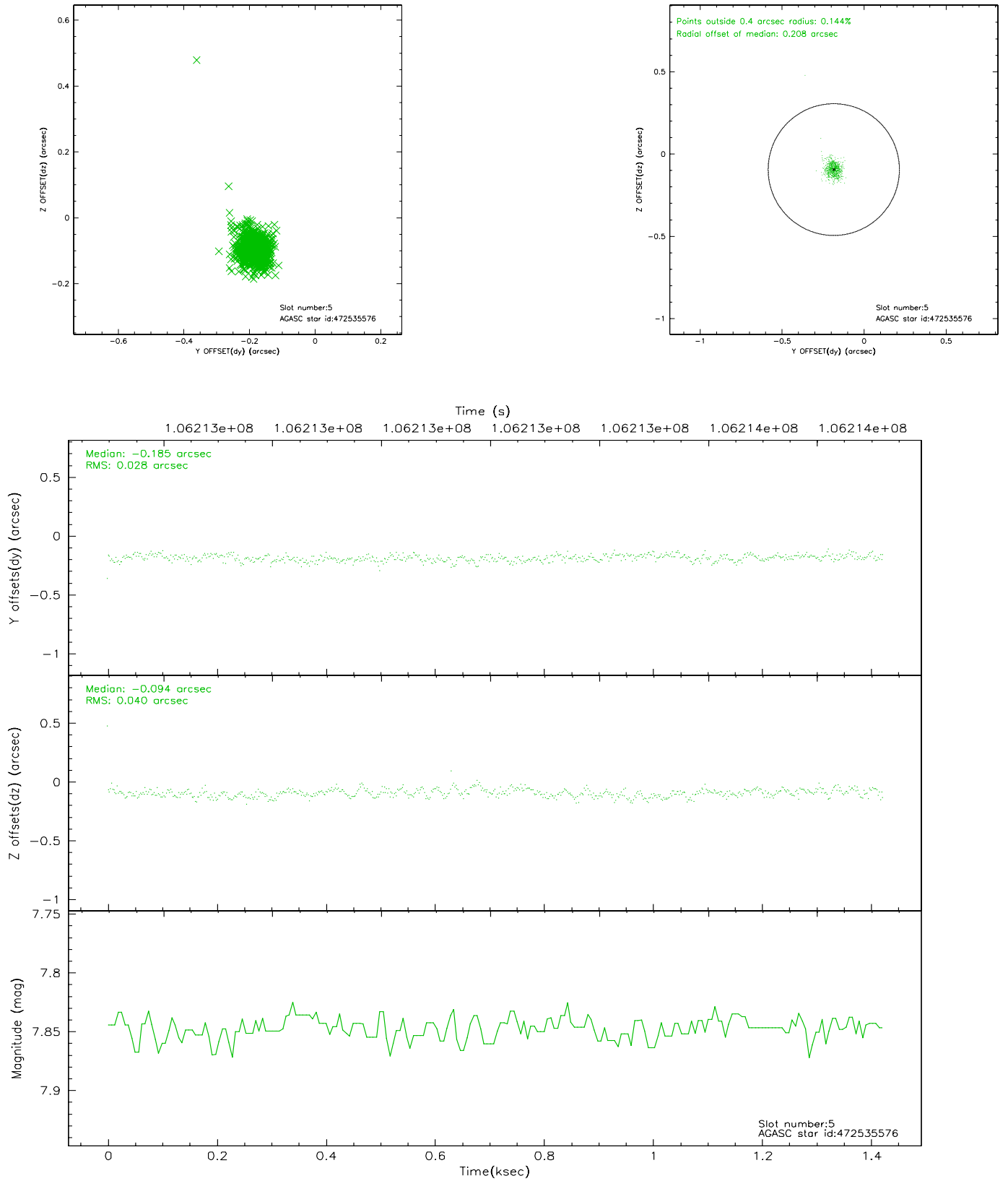
2.4.1 Slot 3



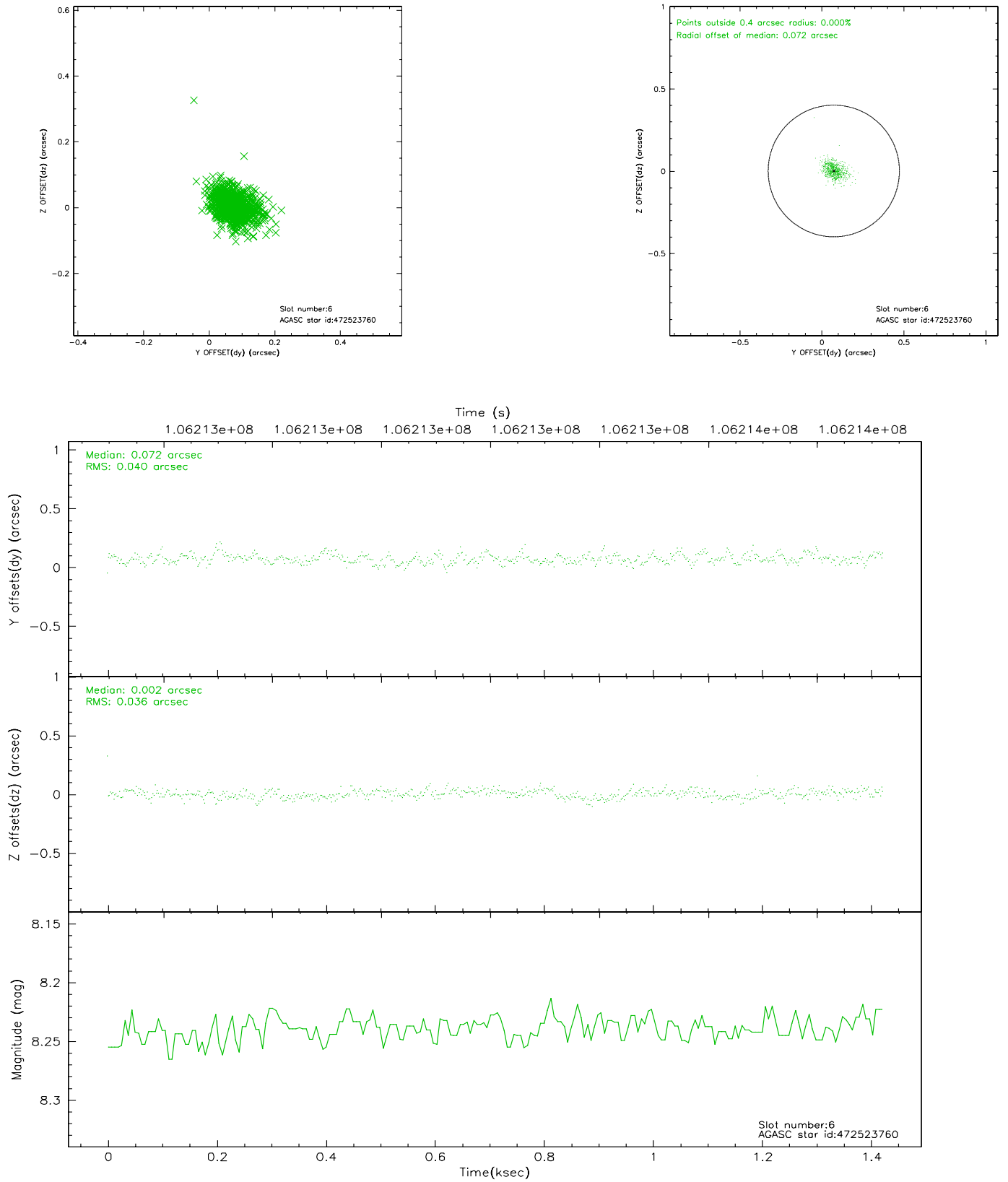
2.4.2 Slot 4



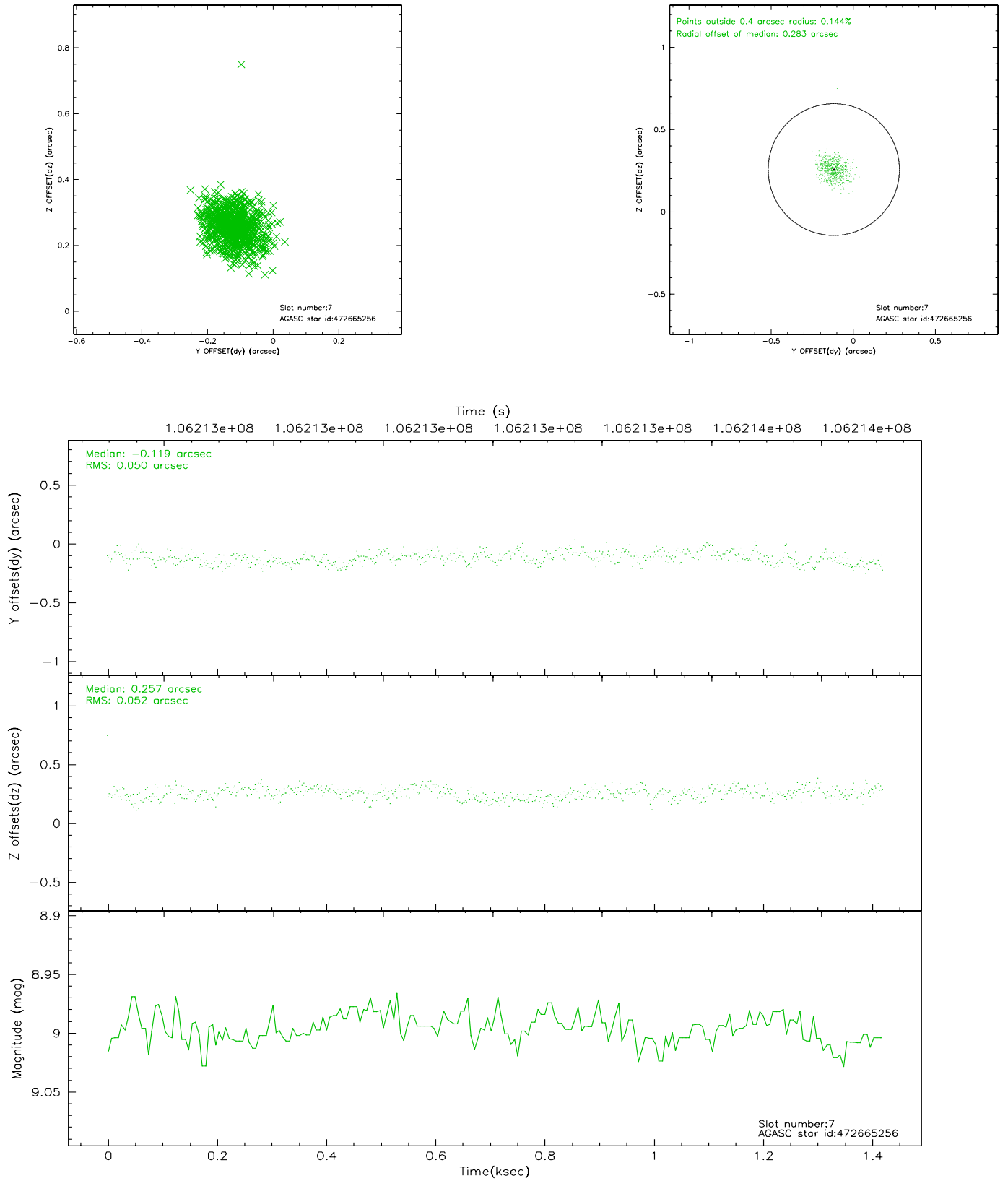
2.4.3 Slot 5



2.4.4 Slot 6

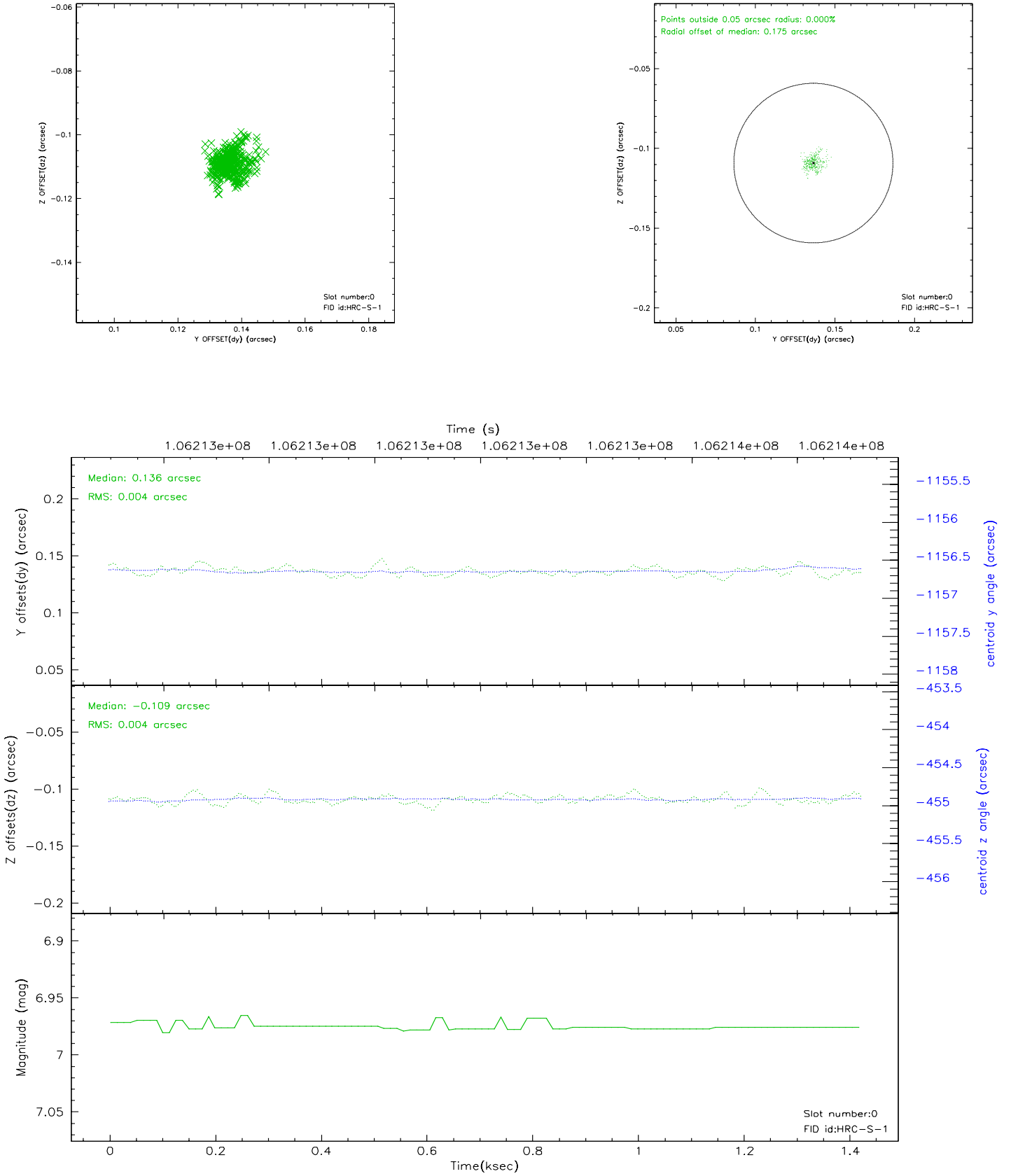


2.4.5 Slot 7

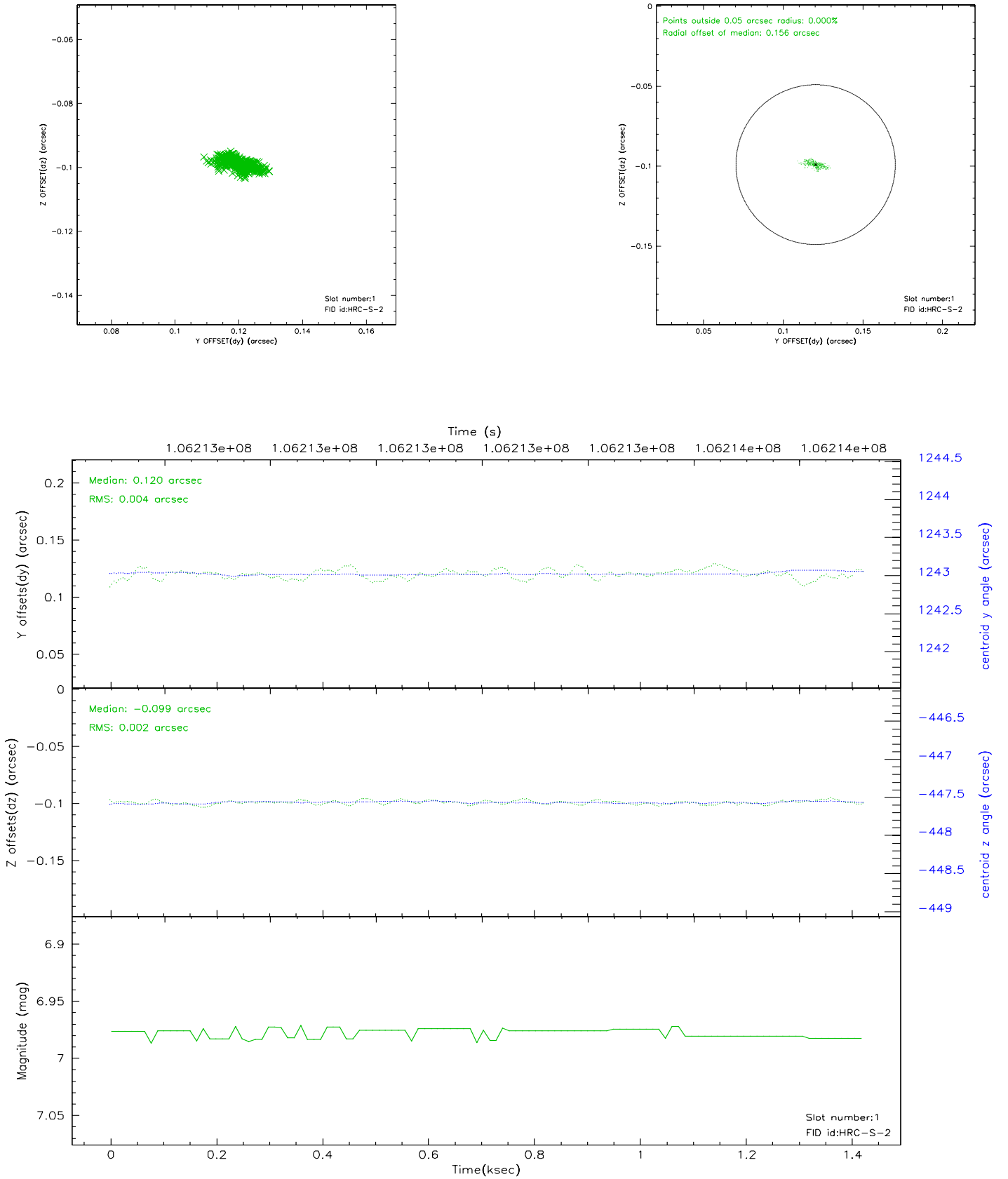


2.5 FID Slots

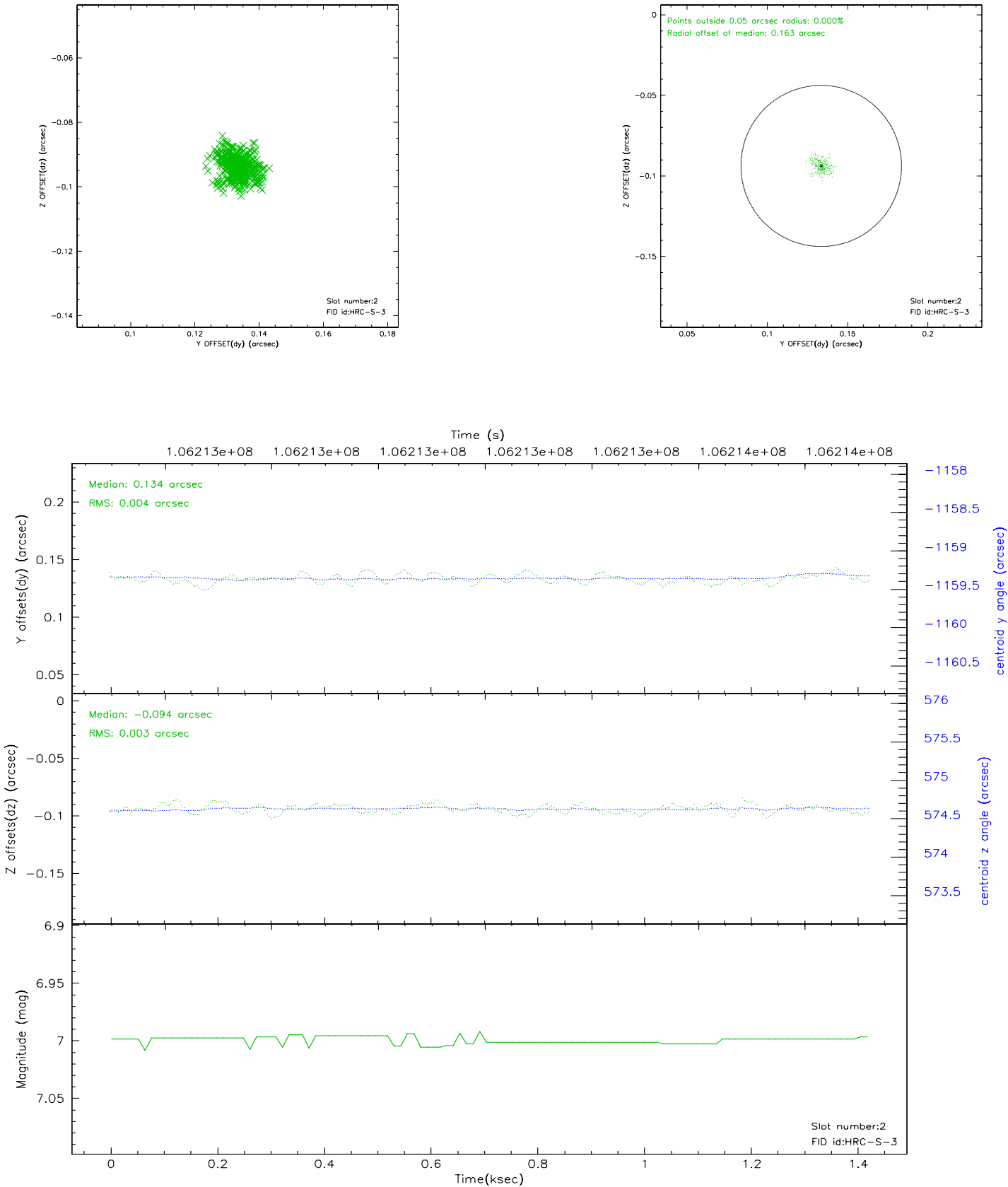
2.5.1 Slot 0



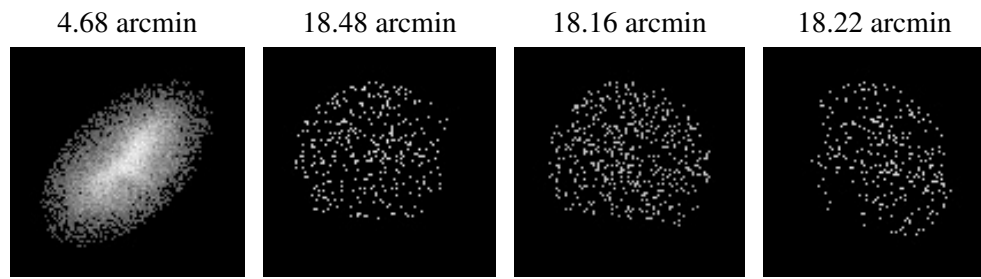
2.5.2 Slot 1



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	1.415

A.2 Comments