

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6020 - L2 Version 002
Chandra X-Ray Center

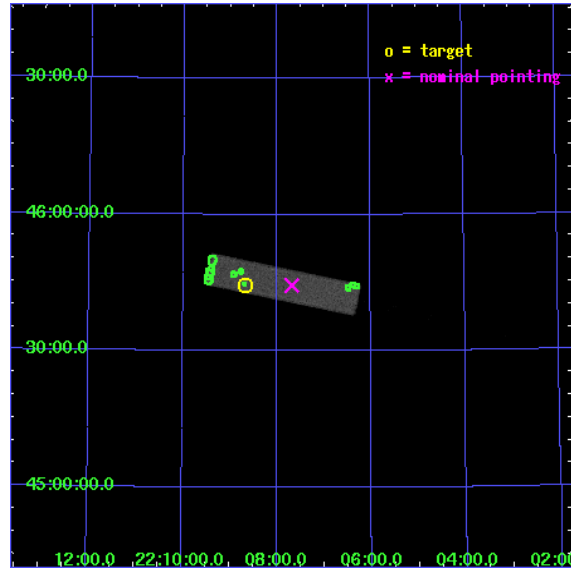
L2 Processing Date : Mar 23 2006

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1 Front

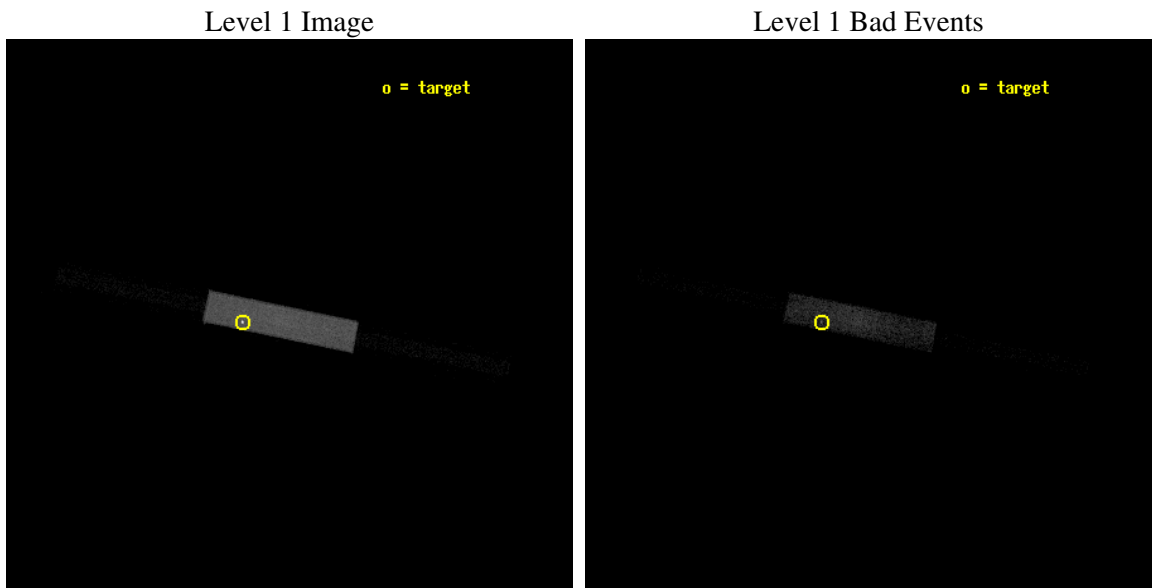
seq_num	290512
obs_id	6020
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.91969439633
dec_nom	45.740959931169
roll_nom	191.56652143799
revision	2
ontime	1159.5313032866
livetime	1157.1258656047
l2events	54750



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-23T16:58:25
revision	2

sched_exp_time	1000.000000
ontime	1189.2563046515
l1events	88661

2.1.3 Events

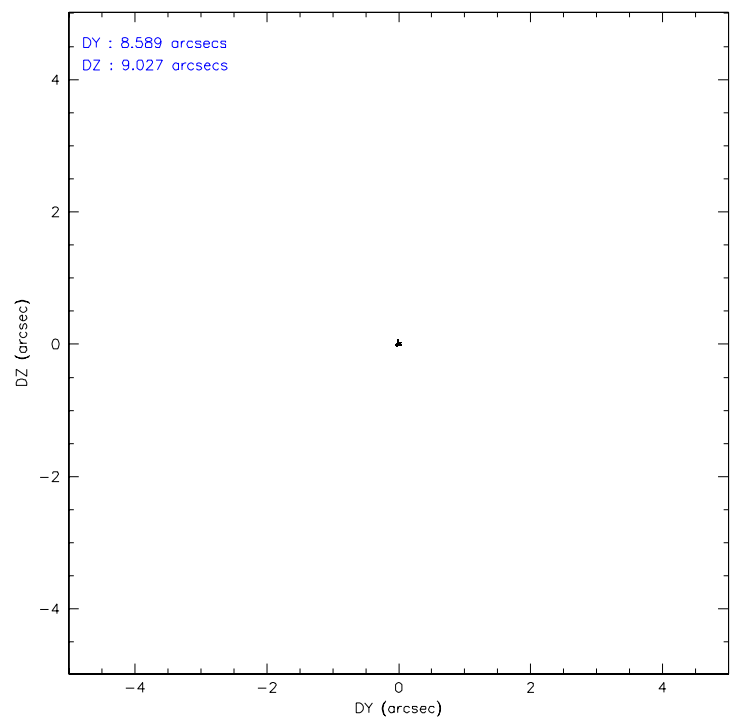
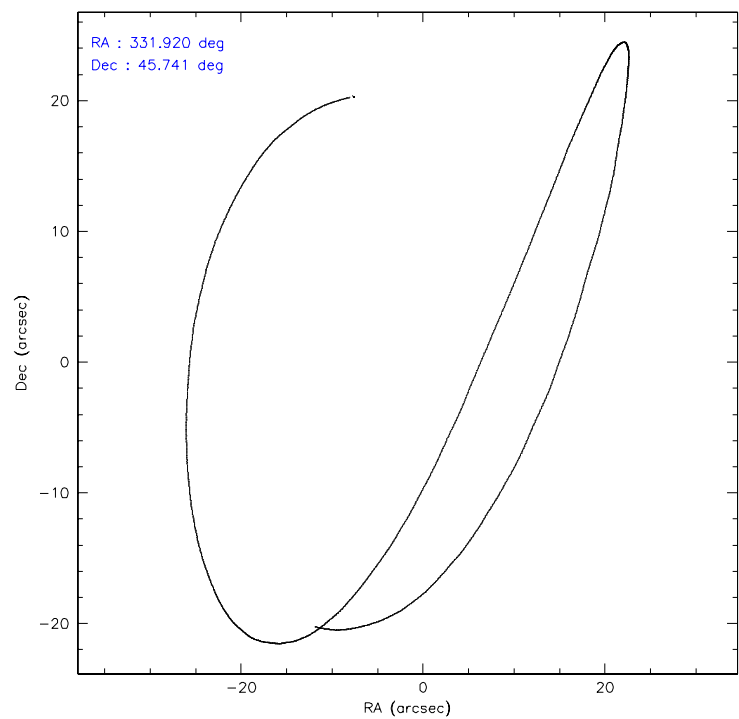
Level 1 Events

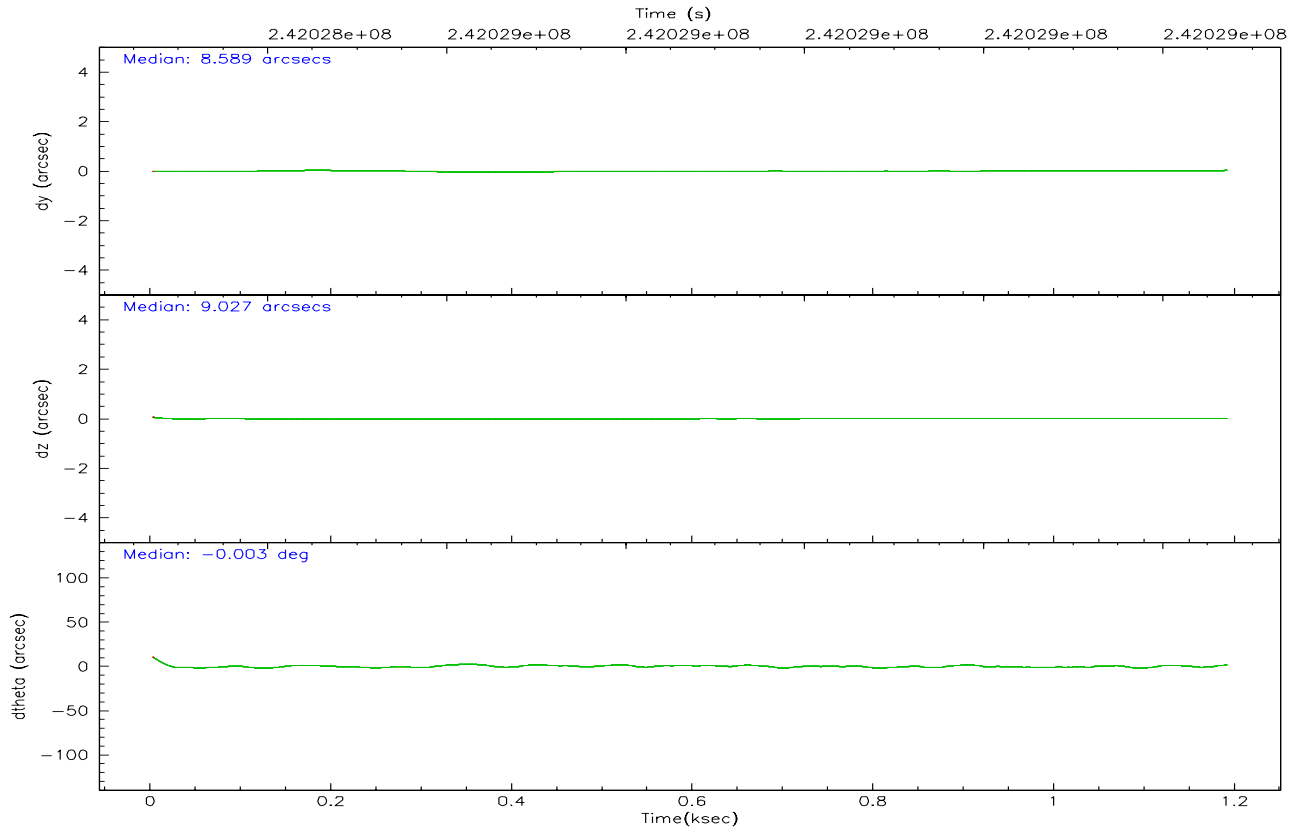
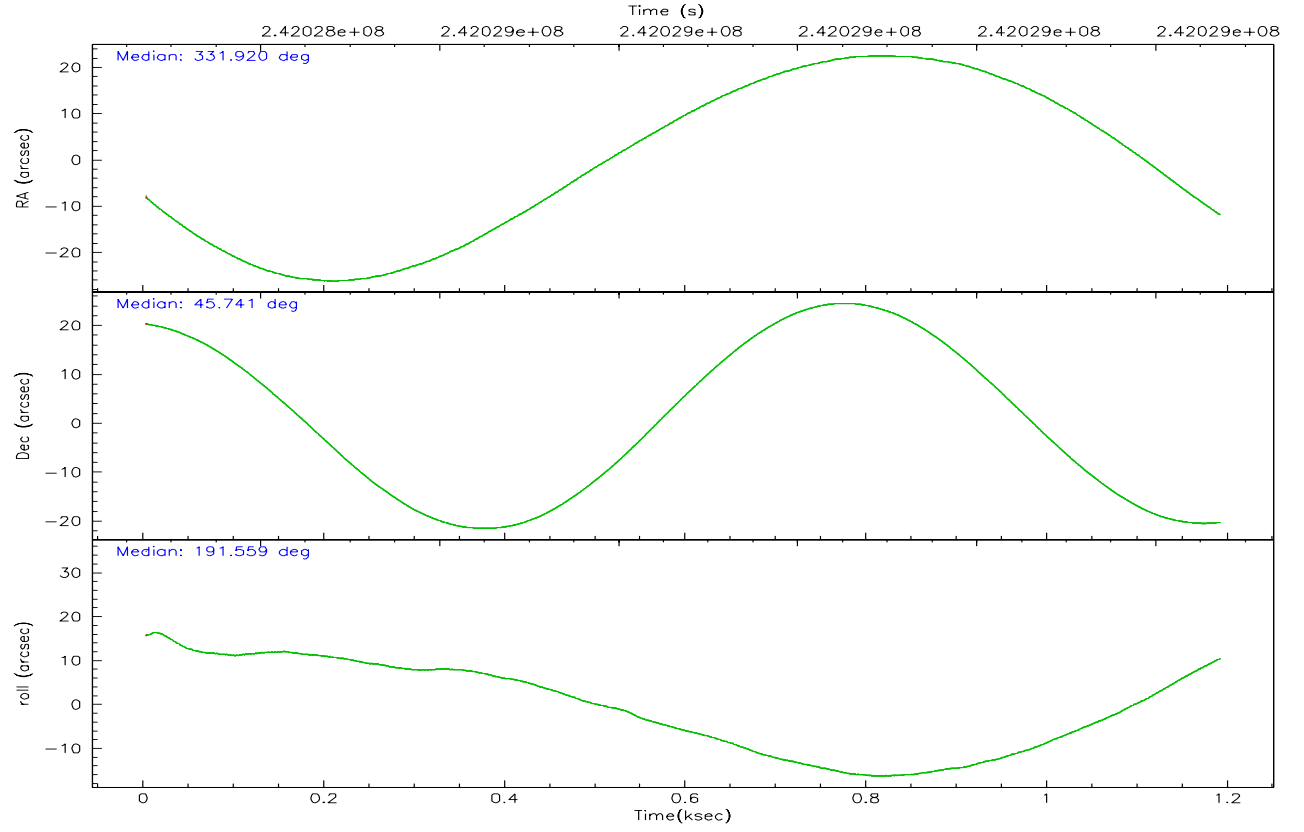
	segment 1	segment 2	segment 3
level 1 events	893	86931	837
rejected events	893	28383	830
rejected %	100%	32%	99%

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	331.949136	331.9196943963279			
Pointing Dec	45.761223	45.74095993116909			
Pointing Roll	191.477998	191.566521437995			
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	242028464.184000	242028088.38482			
Observation start date	2005-09-02T06:06:40	2005-09-02T06:01:28			
Observation end time	242029464.184000	242030412.05993			
Observation end date	2005-09-02T06:23:20	2005-09-02T06:40:12			

2.3 Aspect



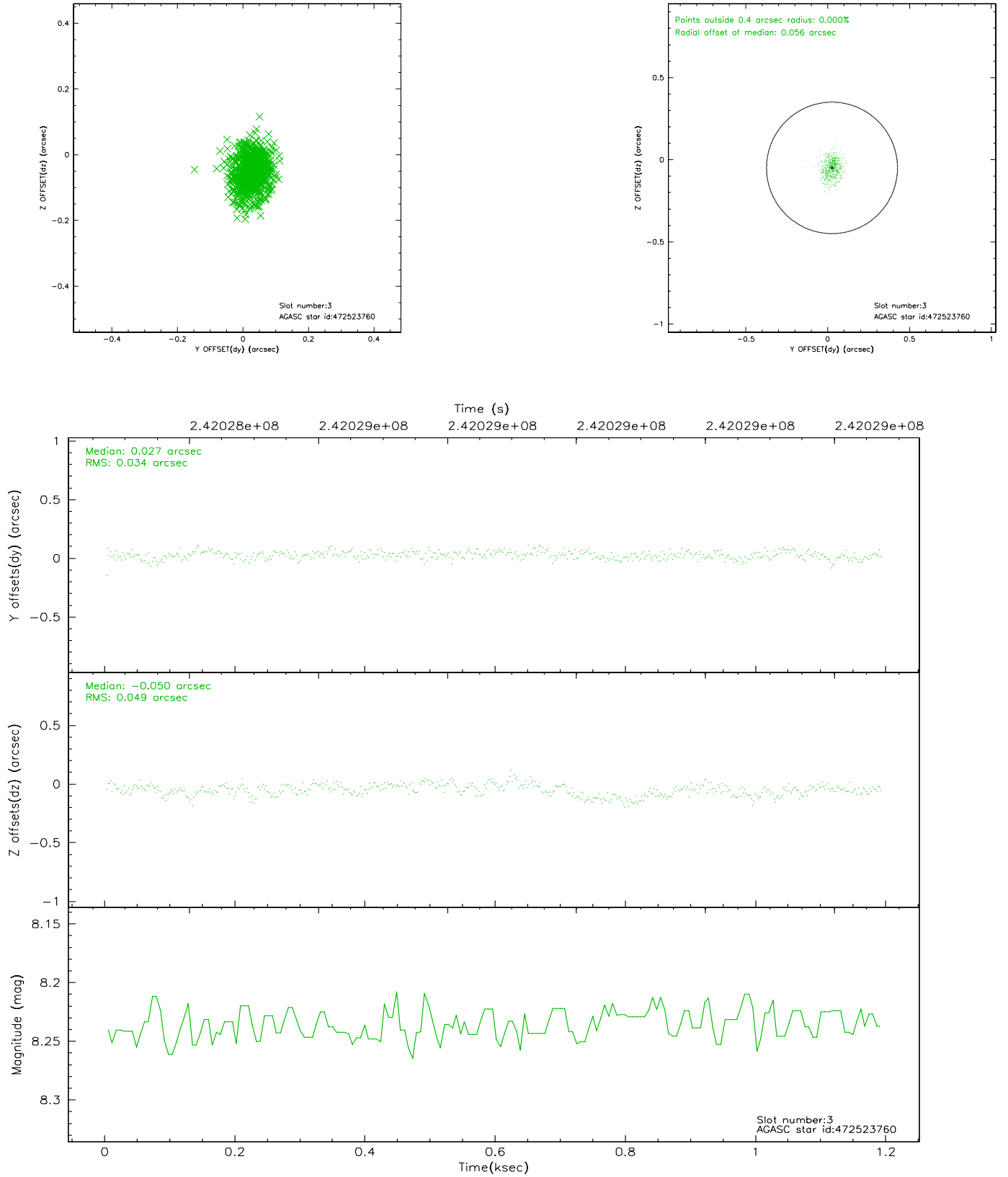


Slot Statistics

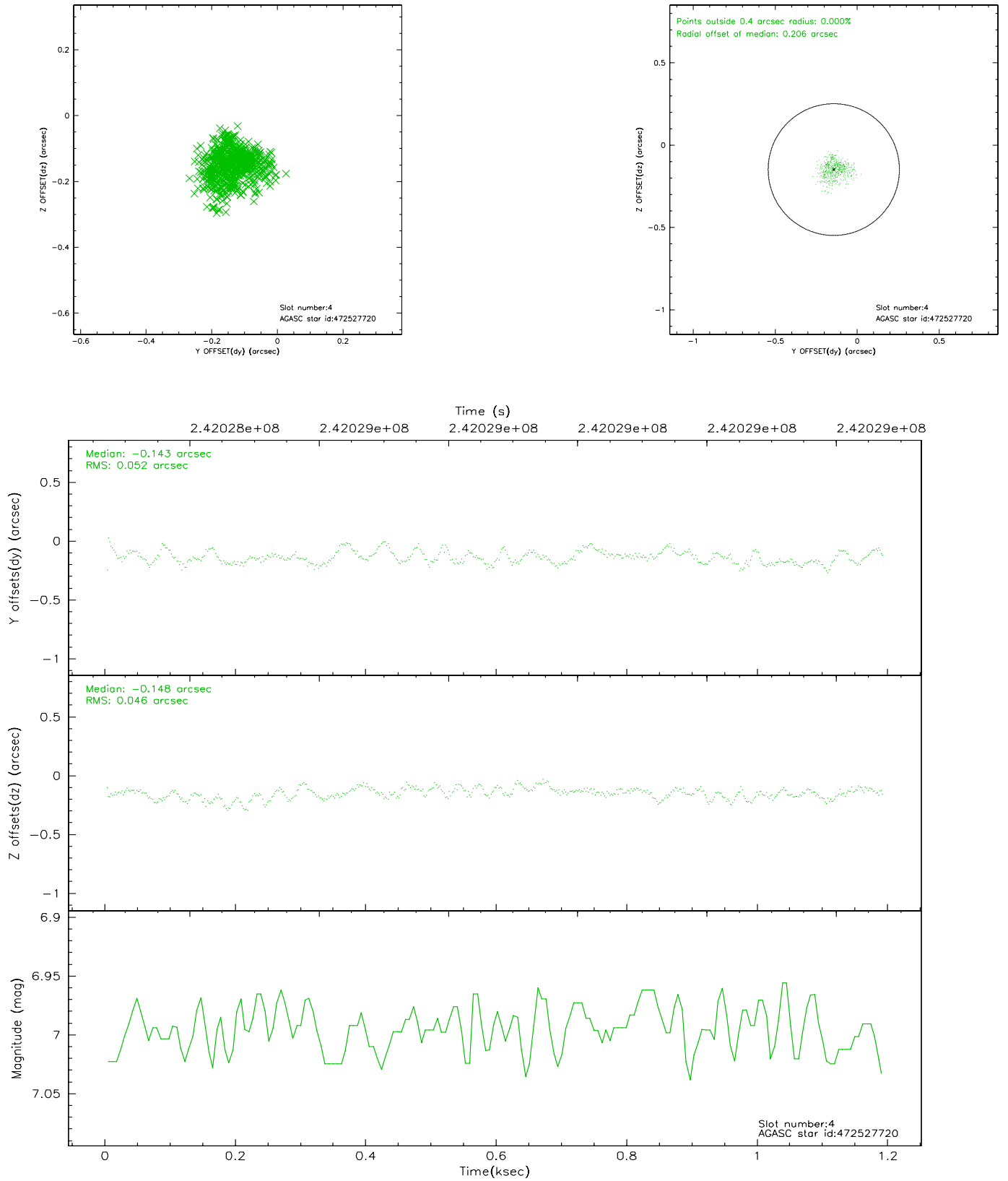
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	291	0.113	-0.189	0.007	0.012	0.000000	0.000000	-1162.80	-457.72
1	FID	HRC-S-3	7.05	291	0.064	-0.014	0.009	0.013	0.000000	0.000000	-1169.57	570.41
2	FID	HRC-S-4	7.01	291	0.210	-0.093	0.005	0.010	0.000000	0.000000	1231.54	576.42
3	GUIDE	472523760	8.24	581	0.027	-0.050	0.062	0.107	331.645363	45.403260	1008.14	1108.13
4	GUIDE	472527720	6.99	581	-0.143	-0.148	0.074	0.122	331.460205	45.112509	1682.27	2039.14
5	GUIDE	472533912	9.16	578	0.162	0.003	0.113	0.197	331.791136	46.368695	-47.75	-2218.89
6	GUIDE	472535576	7.86	581	-0.158	0.130	0.060	0.105	331.438373	46.291802	863.92	-2132.95
7	GUIDE	472655152	9.44	579	0.105	0.060	0.107	0.163	332.504239	45.862991	-1436.42	-91.26

2.4 Star Slots

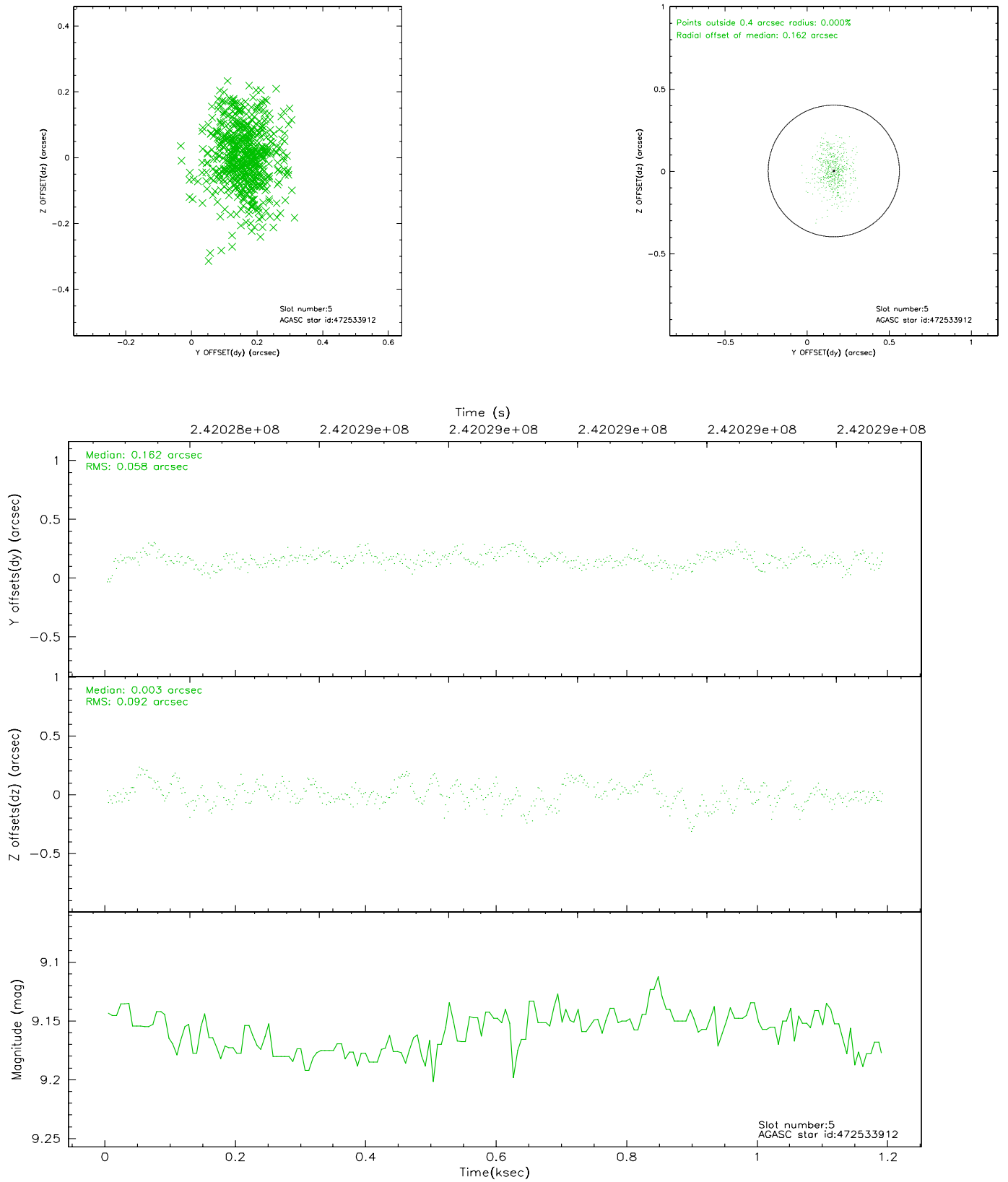
2.4.1 Slot 3



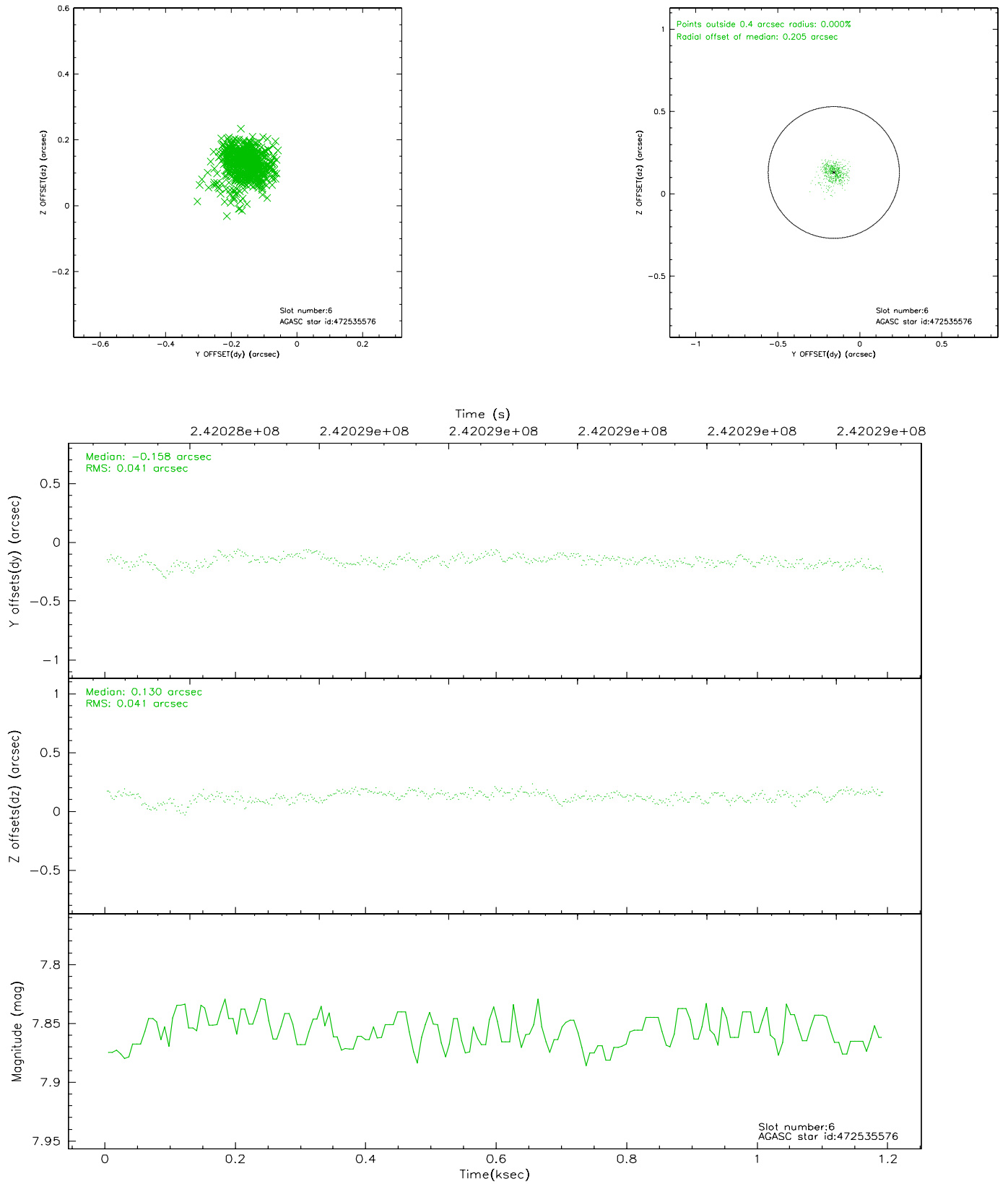
2.4.2 Slot 4



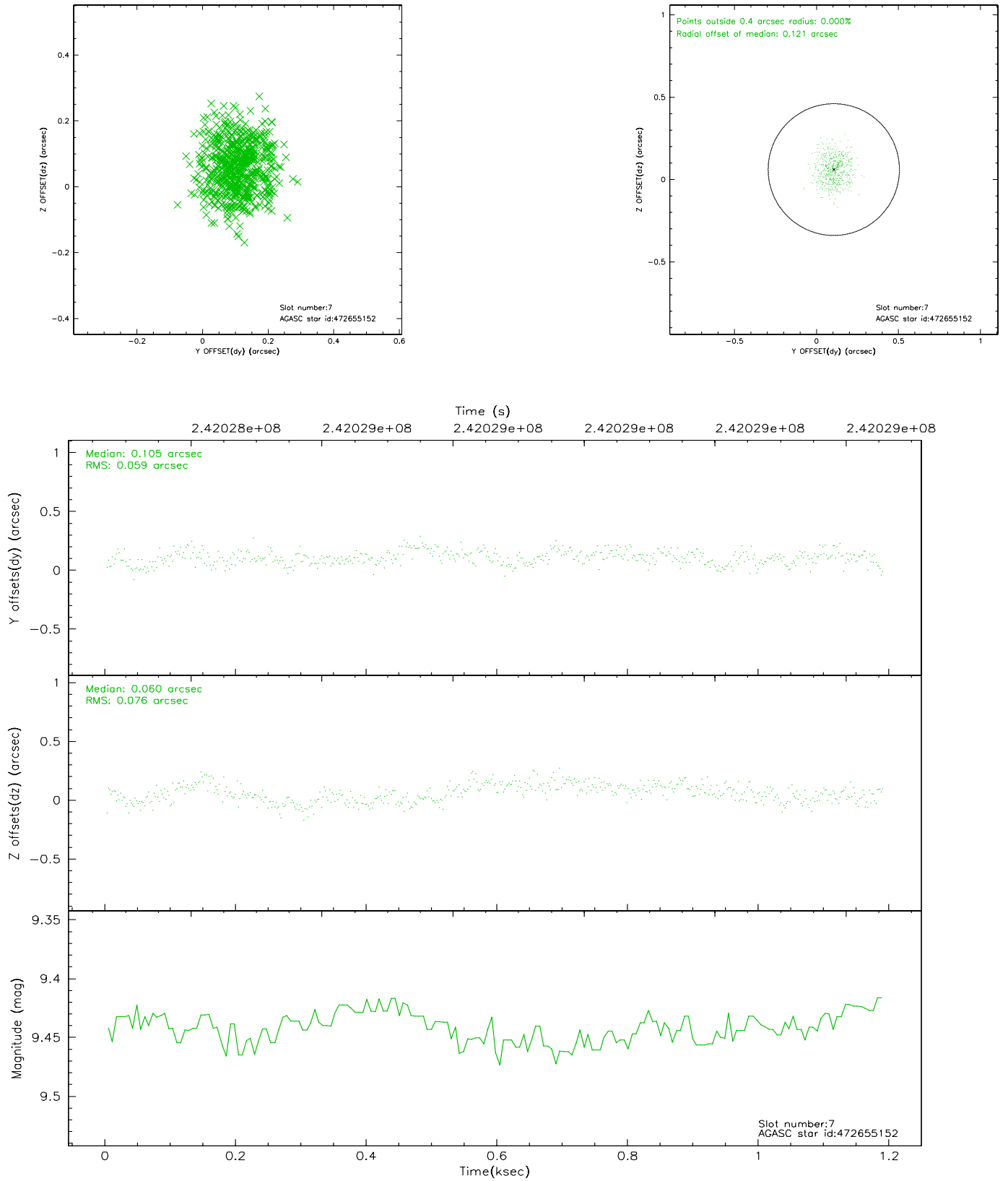
2.4.3 Slot 5



2.4.4 Slot 6

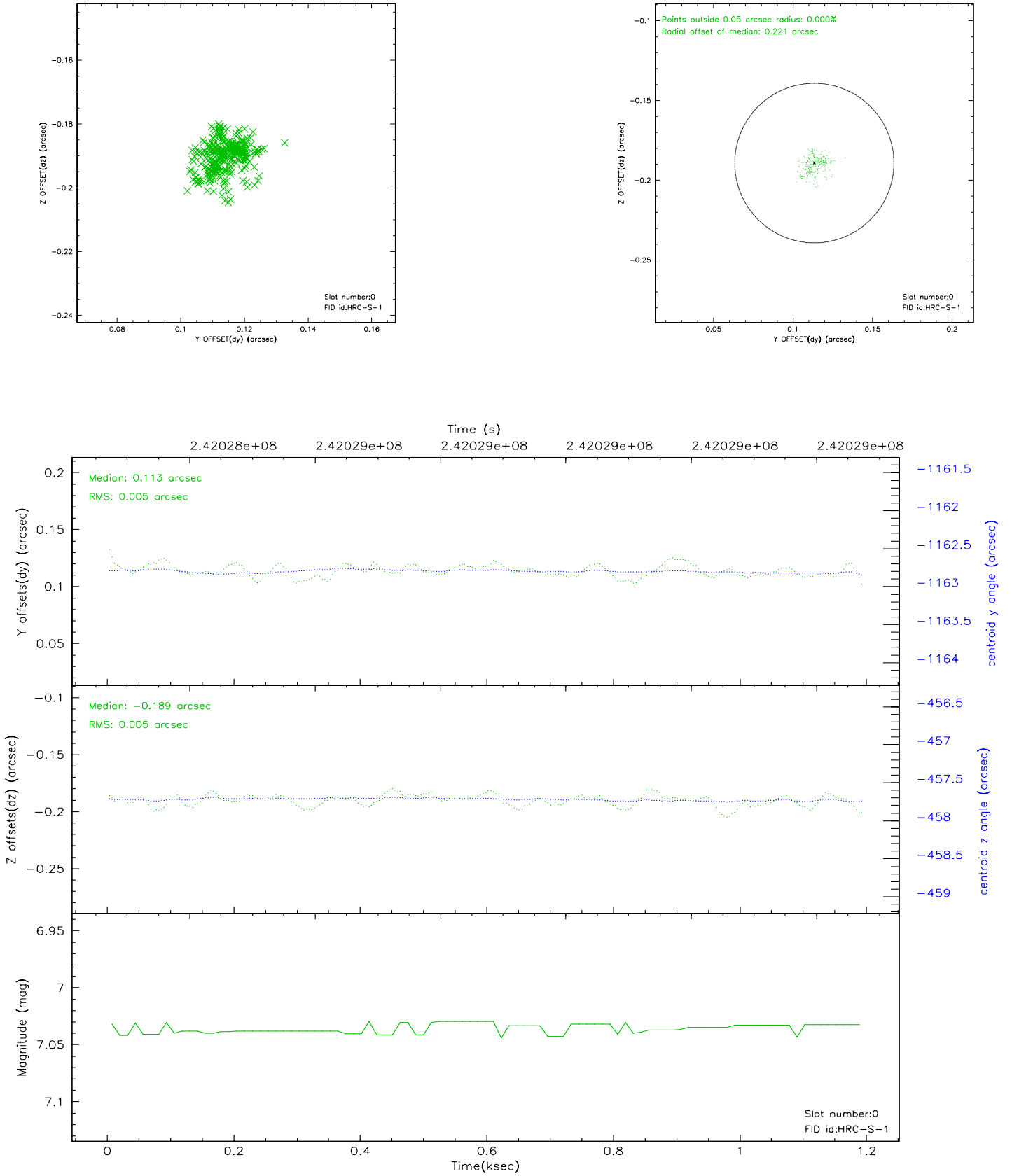


2.4.5 Slot 7

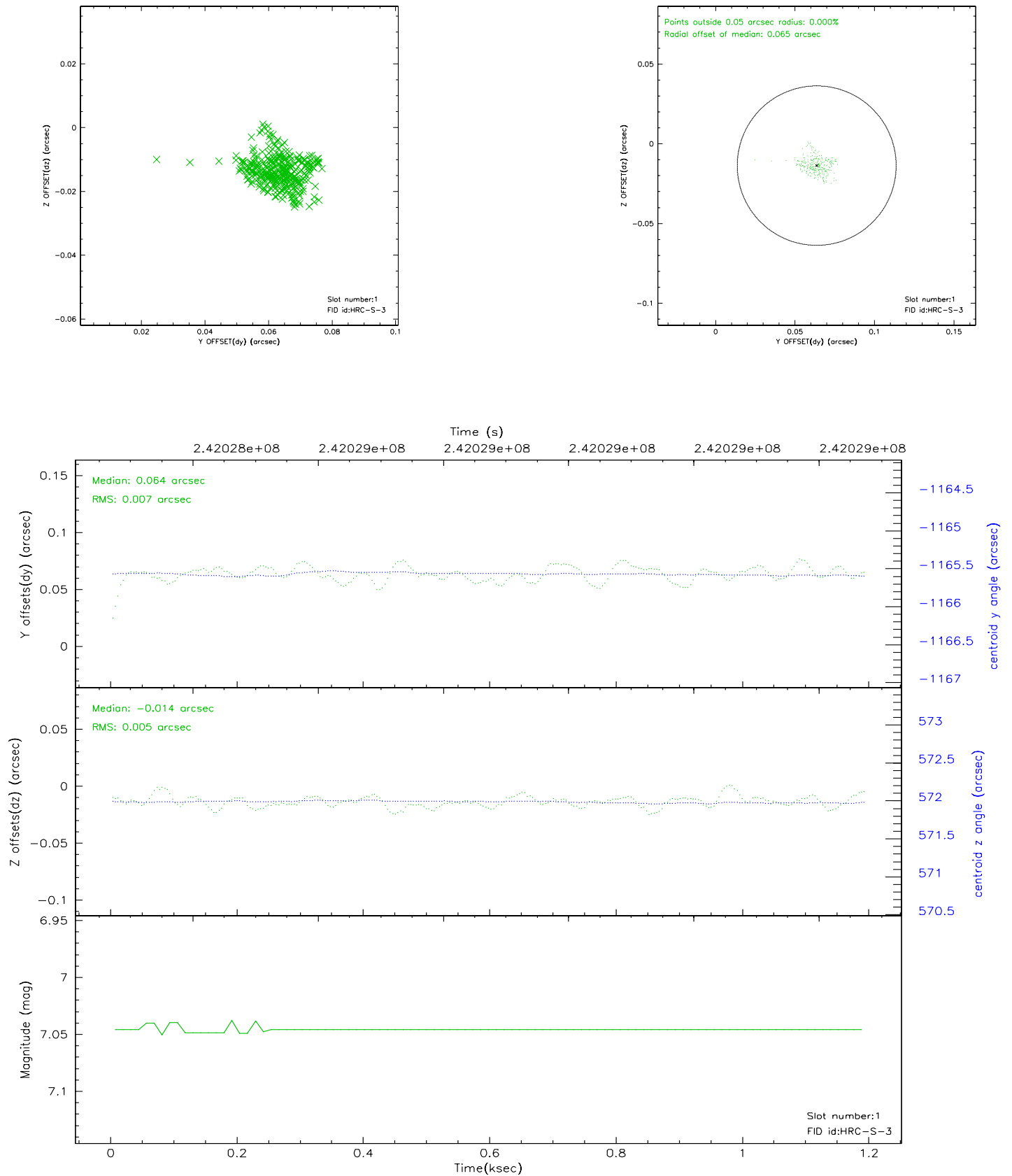


2.5 FID Slots

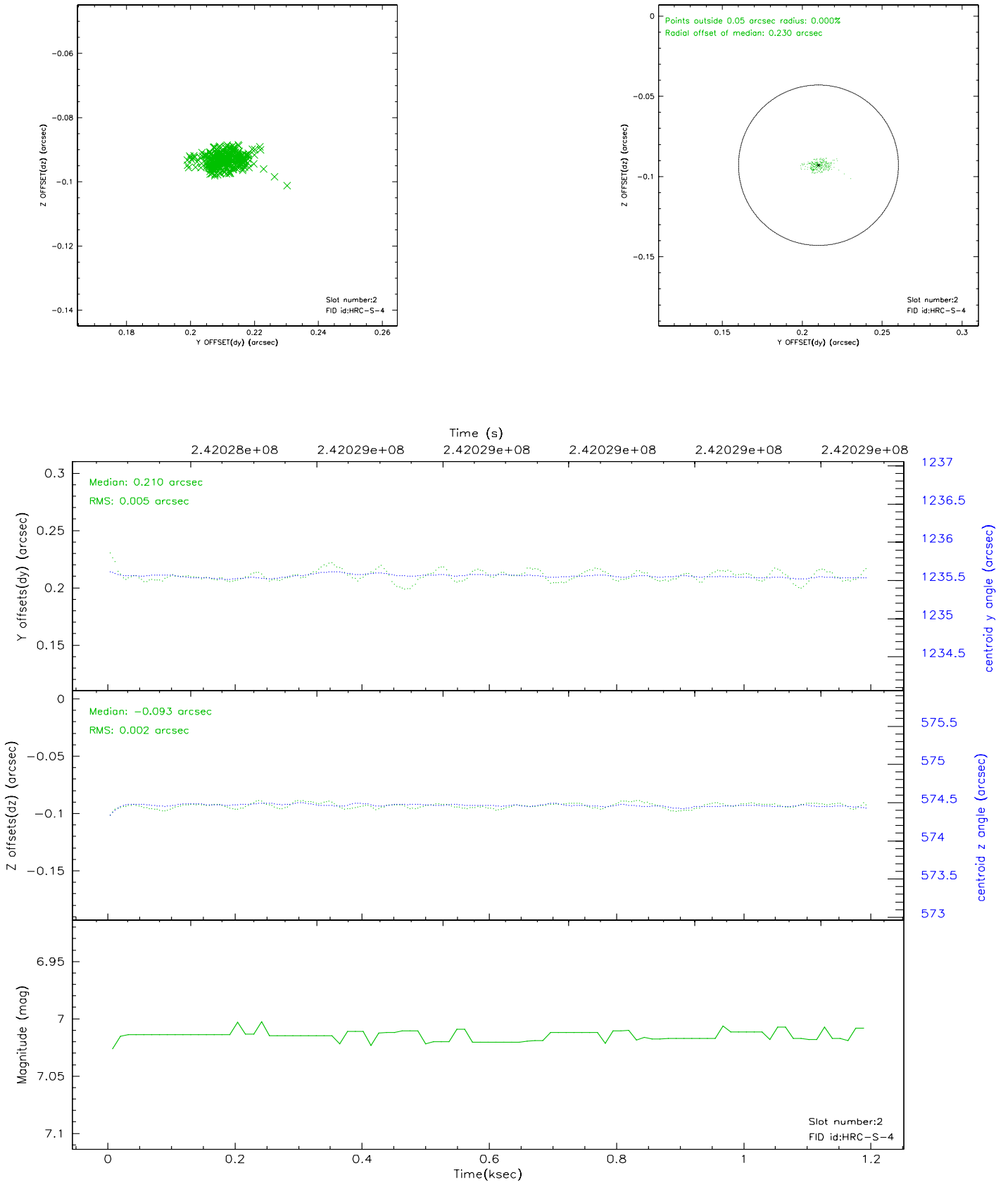
2.5.1 Slot 0



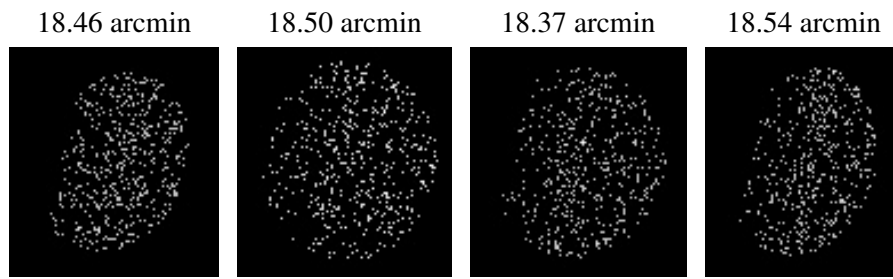
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.159531

A.2 Comments