

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6014 - L2 Version 002
Chandra X-Ray Center

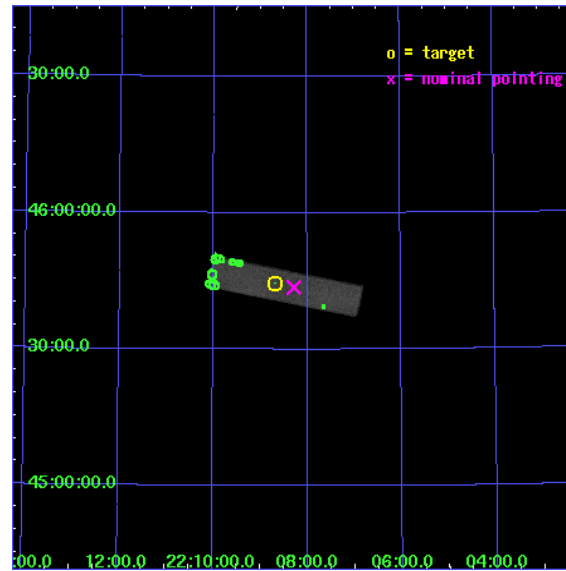
L2 Processing Date : Mar 23 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

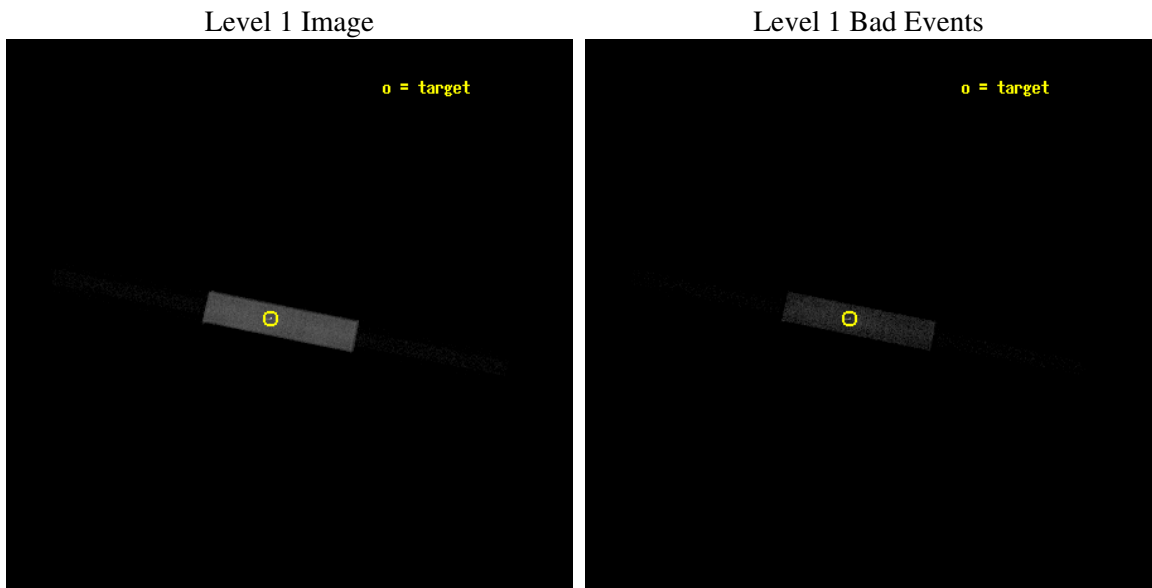
seq_num	290506
obs_id	6014
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.07069193875
dec_nom	45.727528648948
roll_nom	191.27035338308
revision	2
ontime	1153.3813029826
livetime	1142.9660408343
l2events	68223



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	2006-03-23T15:15:42
revision	2

sched_exp_time	1000.000000
ontime	1185.156304419
l1events	110779

2.1.3 Events

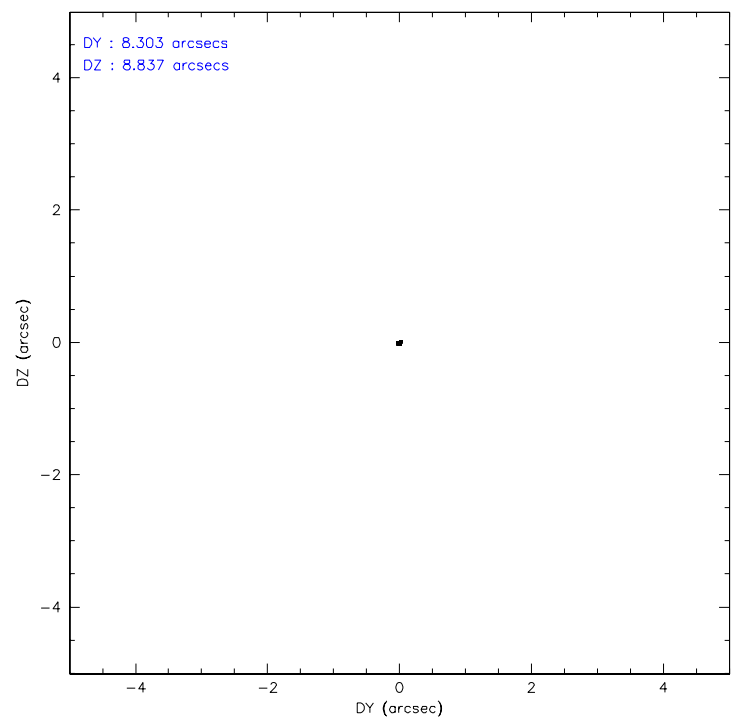
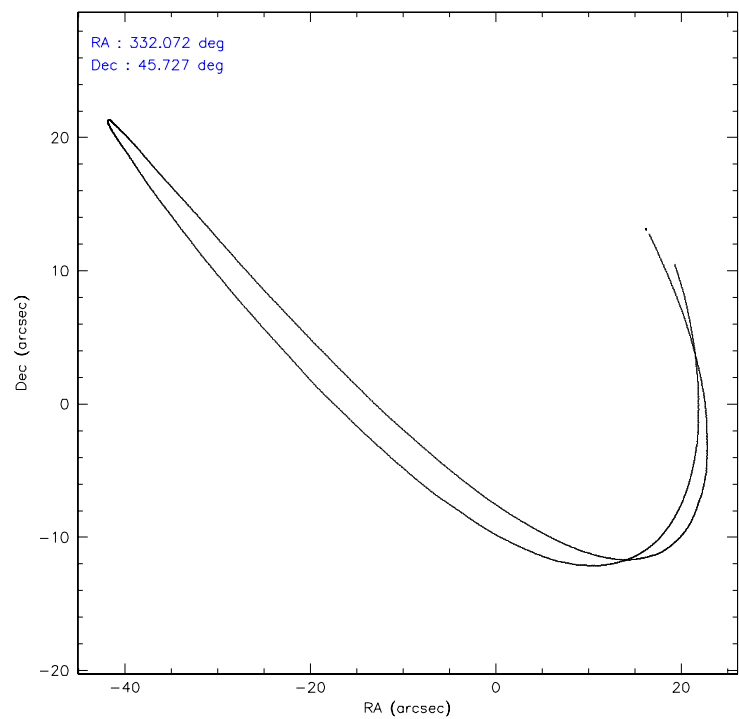
Level 1 Events

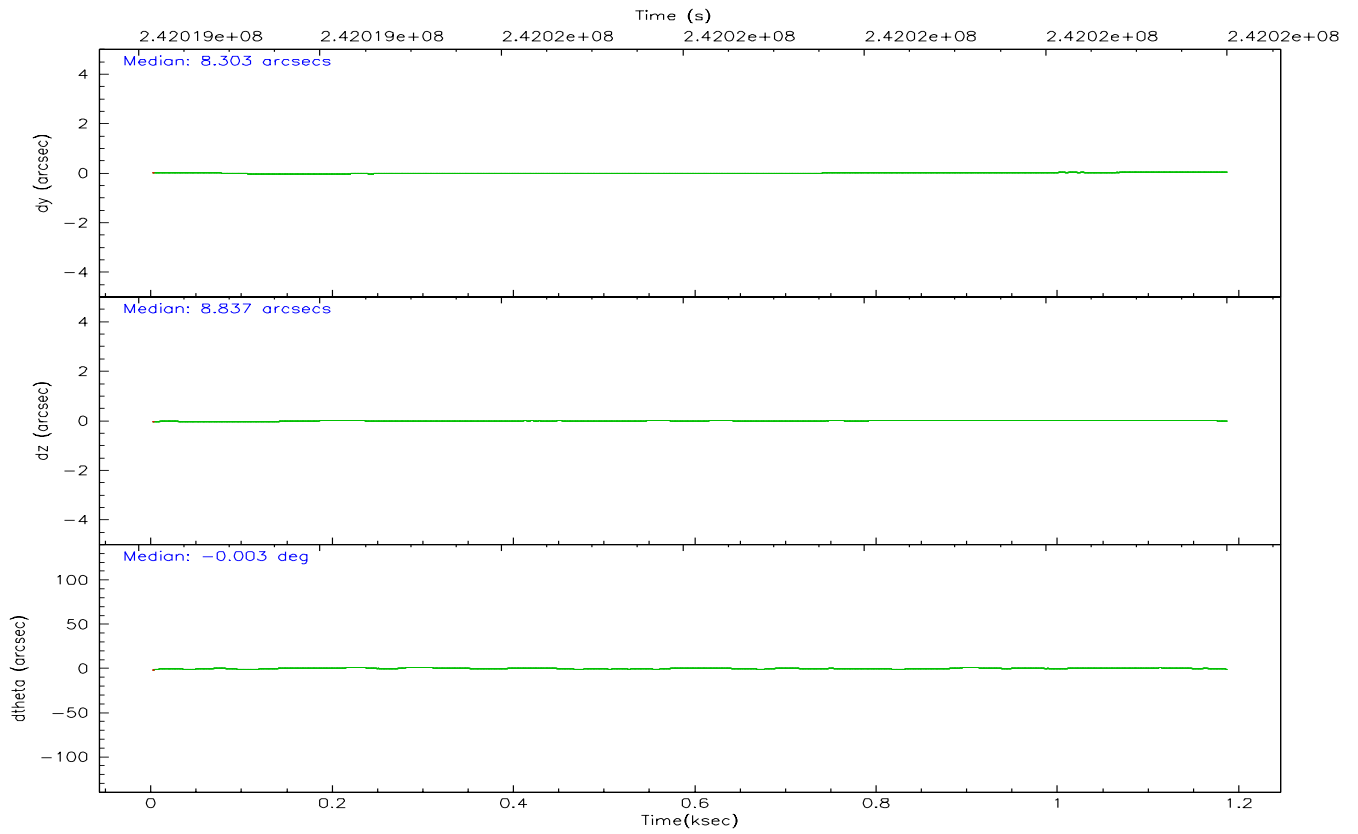
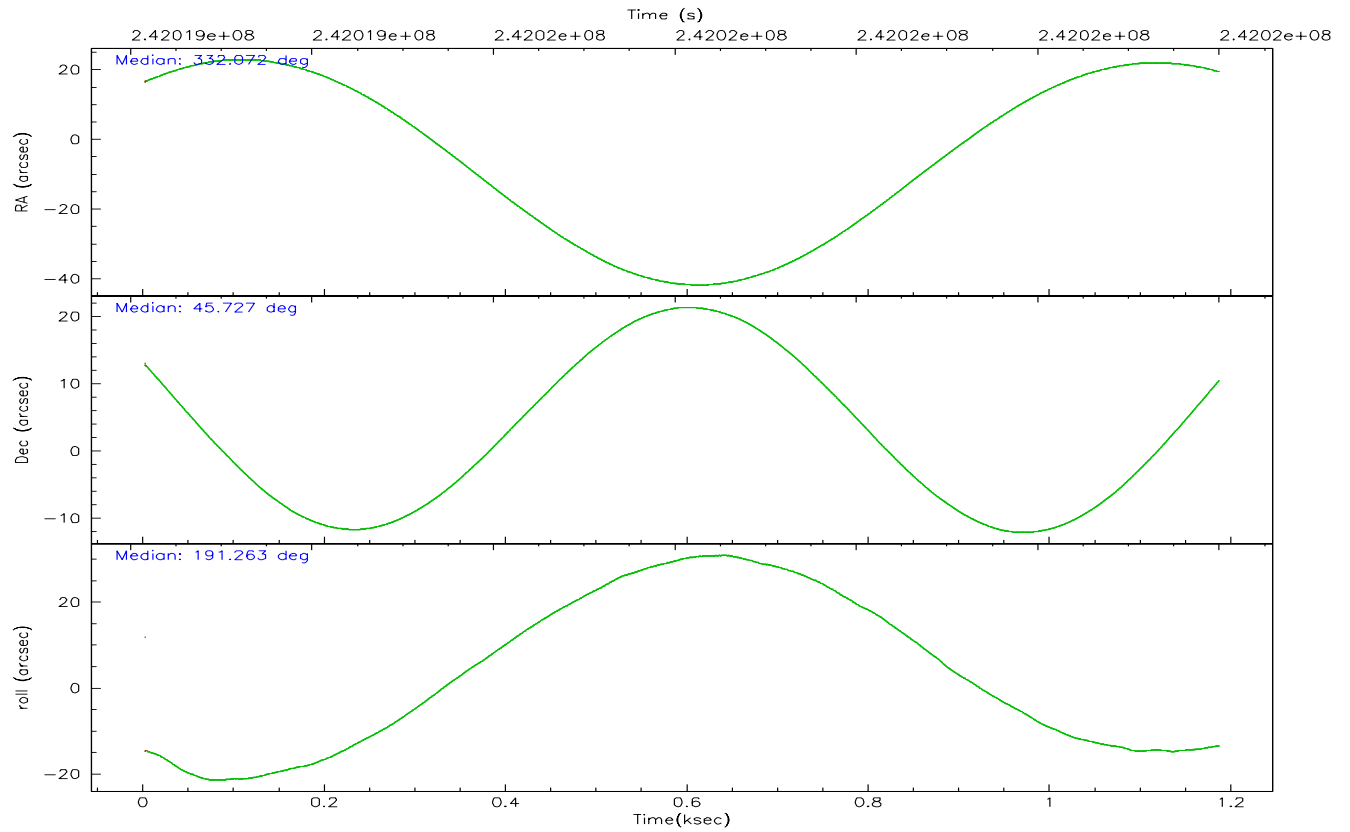
	segment 1	segment 2	segment 3
level 1 events	1158	108476	1145
rejected events	1158	36291	1145
rejected %	100%	33%	100%

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	332.099104	332.070691938746			
Pointing Dec	45.748528	45.72752864894802			
Pointing Roll	191.182656	191.2703533830822			
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	242019404.184000	242019028.40941			
Observation start date	2005-09-02T03:35:40	2005-09-02T03:30:28			
Observation end time	242020404.184000	242020538.23448			
Observation end date	2005-09-02T03:52:20	2005-09-02T03:55:38			

2.3 Aspect



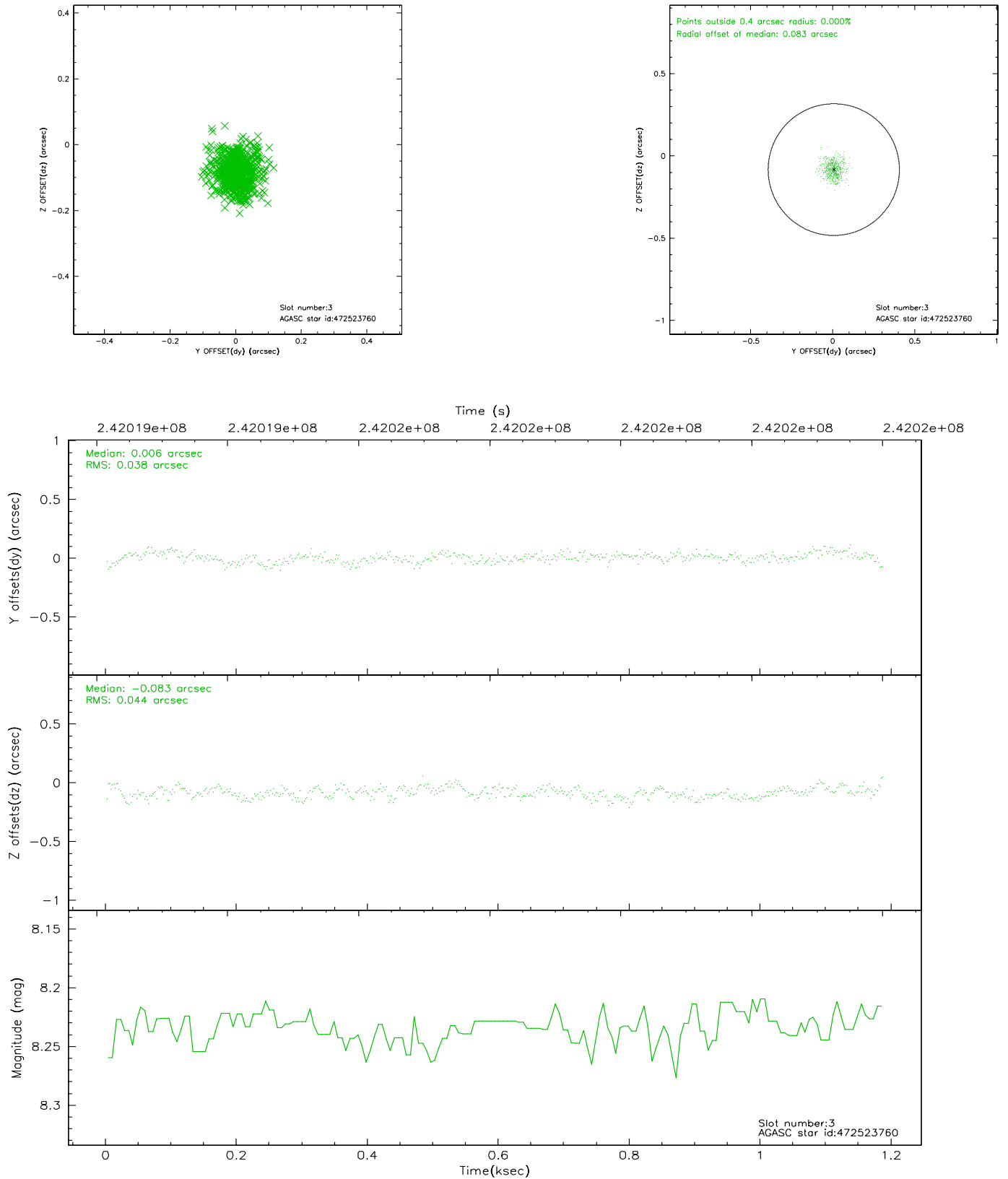


Slot Statistics

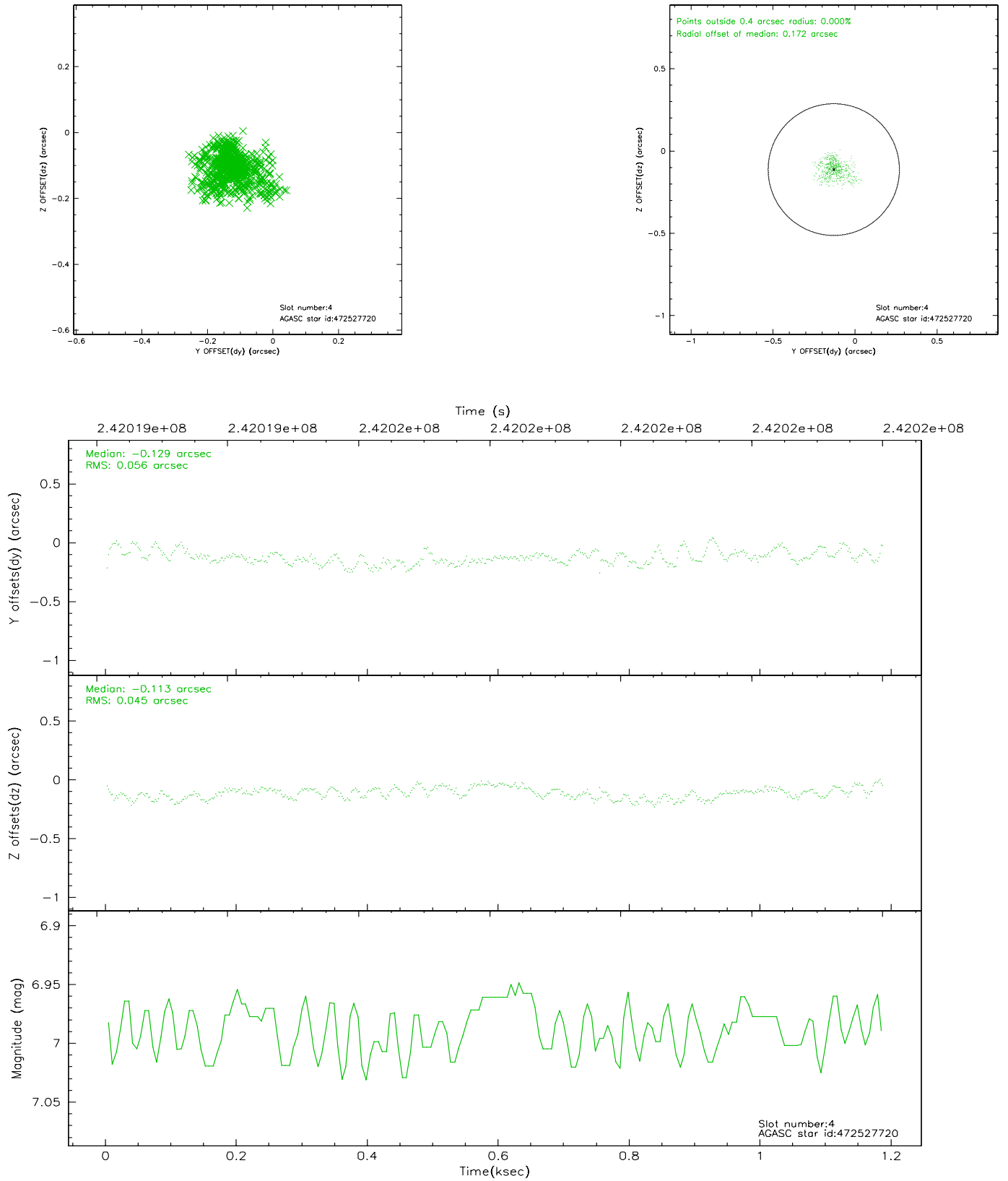
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	289	0.160	-0.167	0.007	0.013	0.000000	0.000000	-1162.46	-457.49
1	FID	HRC-S-2	7.03	290	0.134	-0.115	0.004	0.010	0.000000	0.000000	1233.18	-451.67
2	FID	HRC-S-3	7.04	289	0.096	-0.019	0.007	0.014	0.000000	0.000000	-1160.98	570.62
3	GUIDE	472523760	8.23	579	0.006	-0.083	0.061	0.099	331.645363	45.403260	1367.37	989.69
4	GUIDE	472527720	6.99	579	-0.129	-0.113	0.077	0.130	331.460205	45.112509	2039.13	1922.78
5	GUIDE	472535576	7.86	579	-0.110	0.111	0.056	0.093	331.438373	46.291802	1237.38	-2244.72
6	GUIDE	472665256	9.00	576	0.244	0.032	0.075	0.122	332.808125	46.195041	-2042.14	-1250.28
7	GUIDE	472533912	9.15	578	-0.005	0.052	0.125	0.191	331.791136	46.368695	315.82	-2346.30

2.4 Star Slots

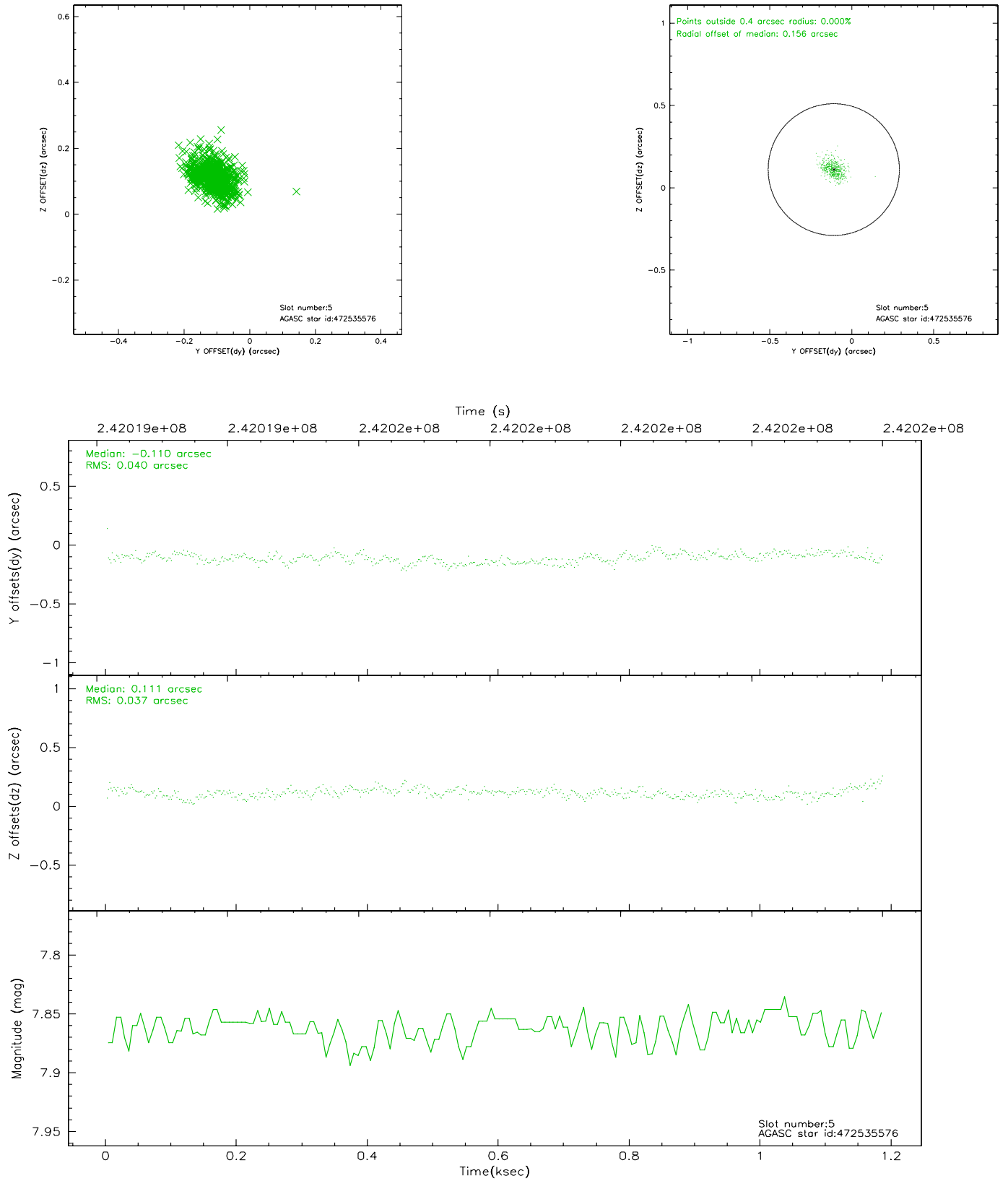
2.4.1 Slot 3



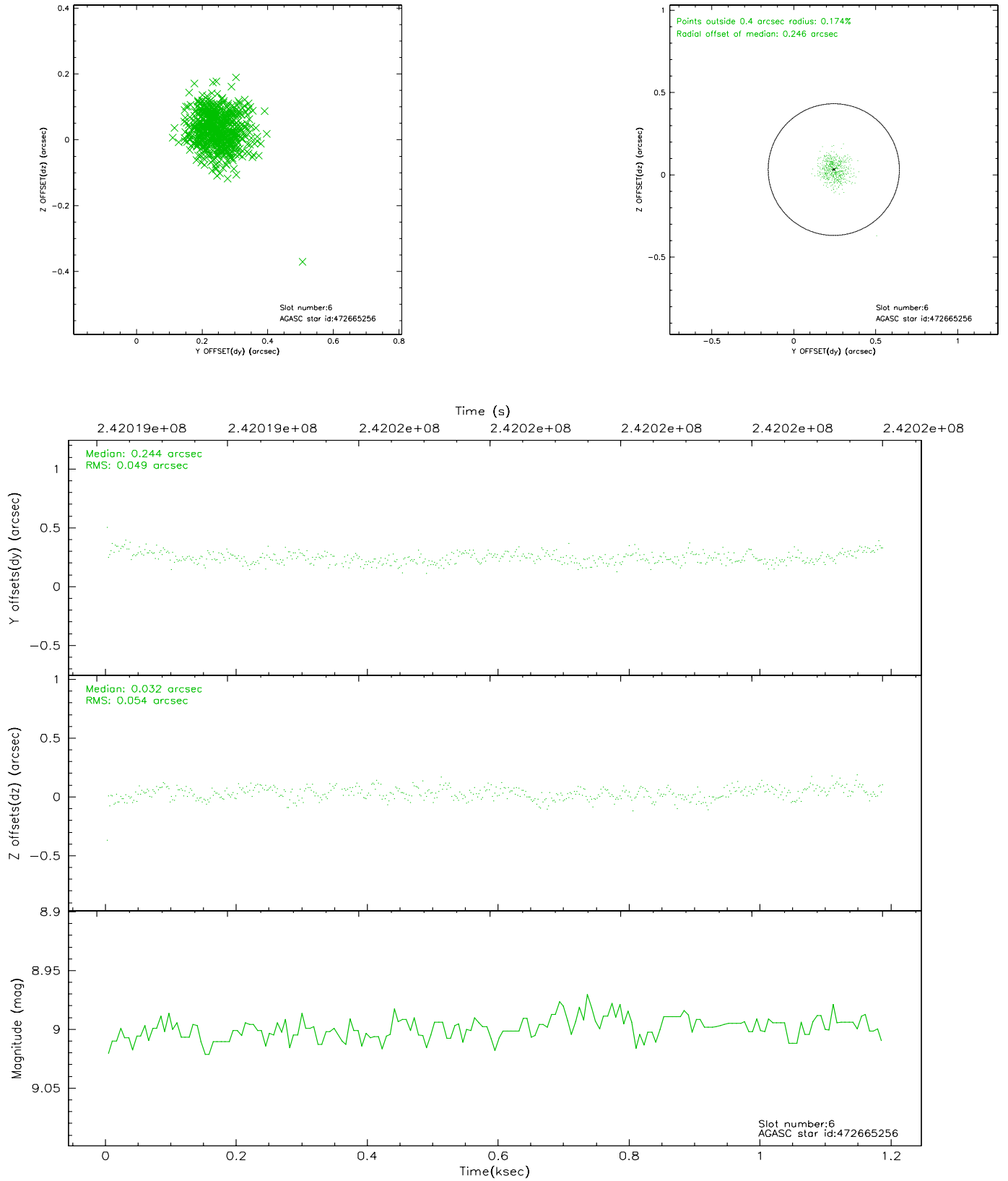
2.4.2 Slot 4



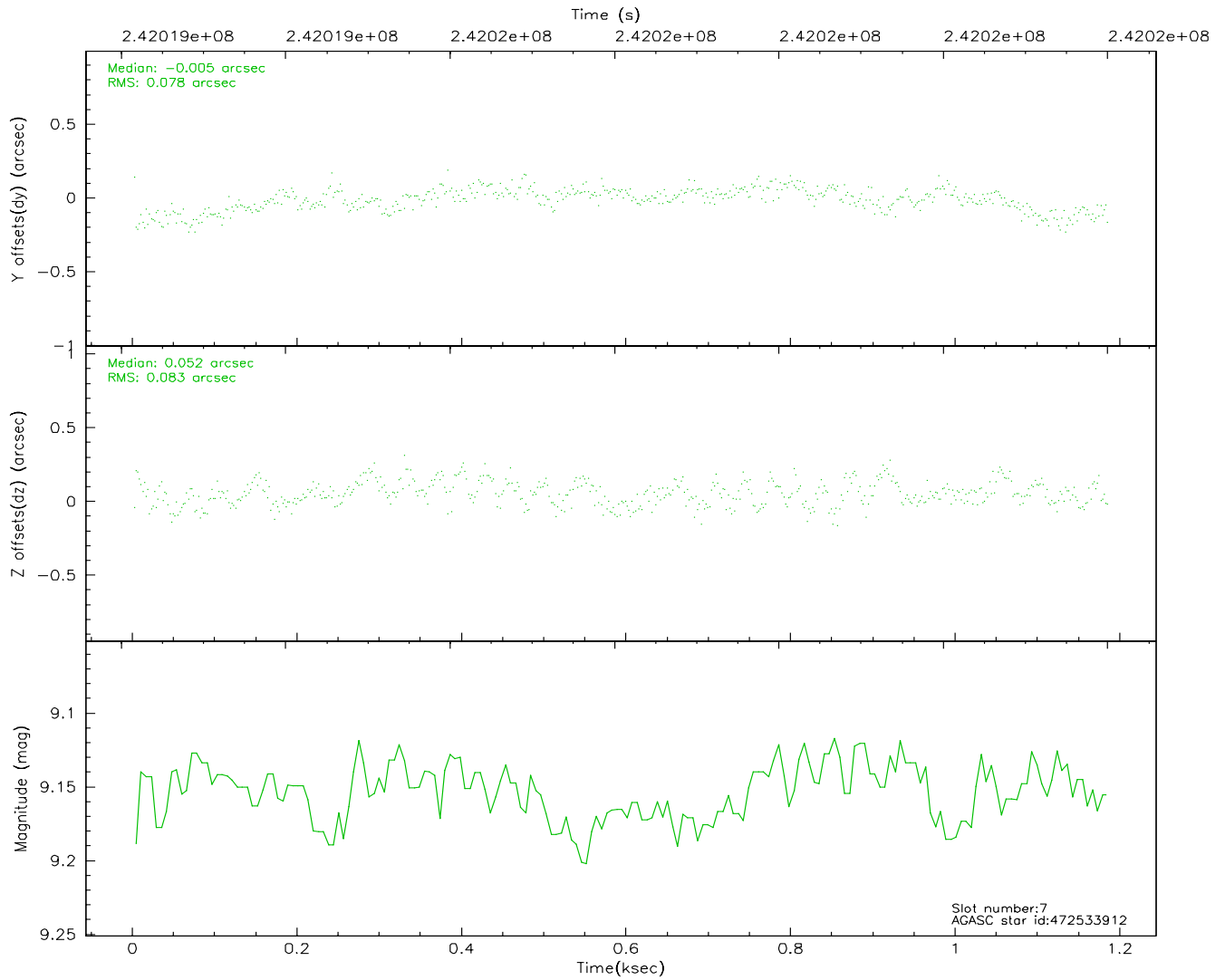
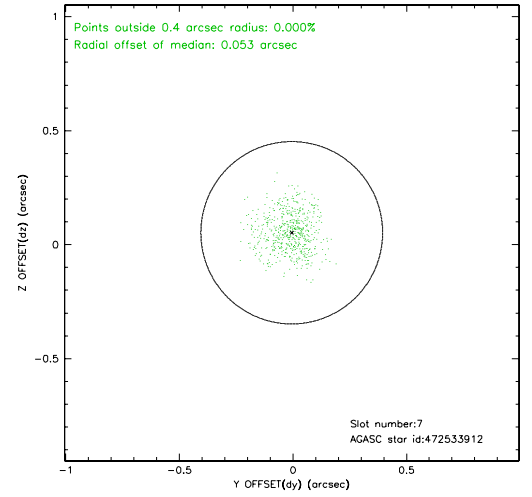
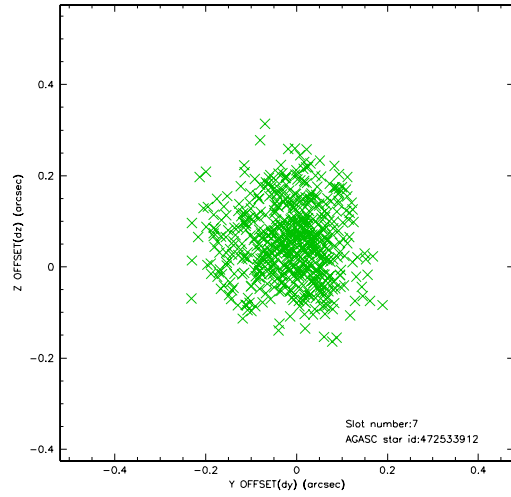
2.4.3 Slot 5



2.4.4 Slot 6

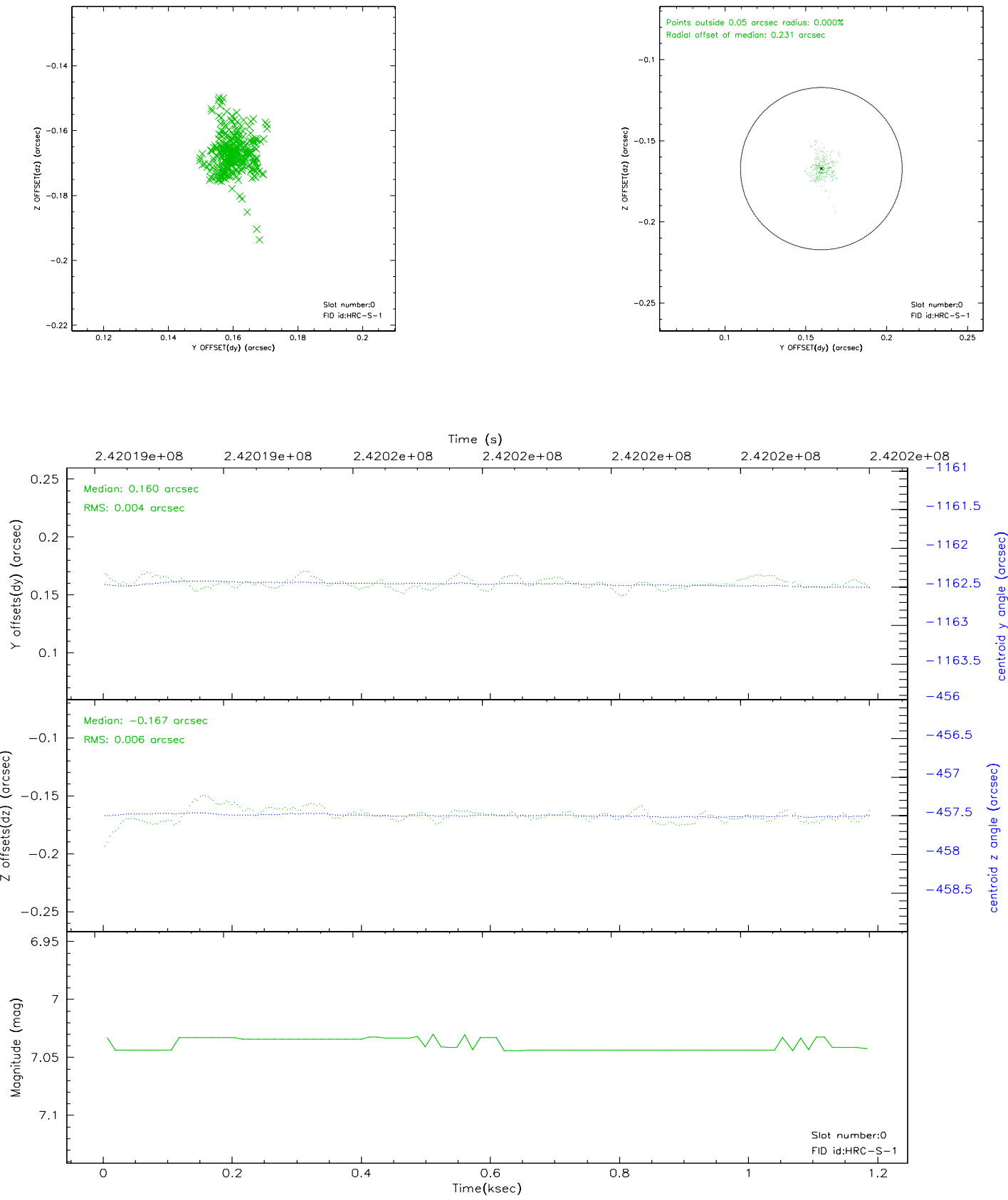


2.4.5 Slot 7

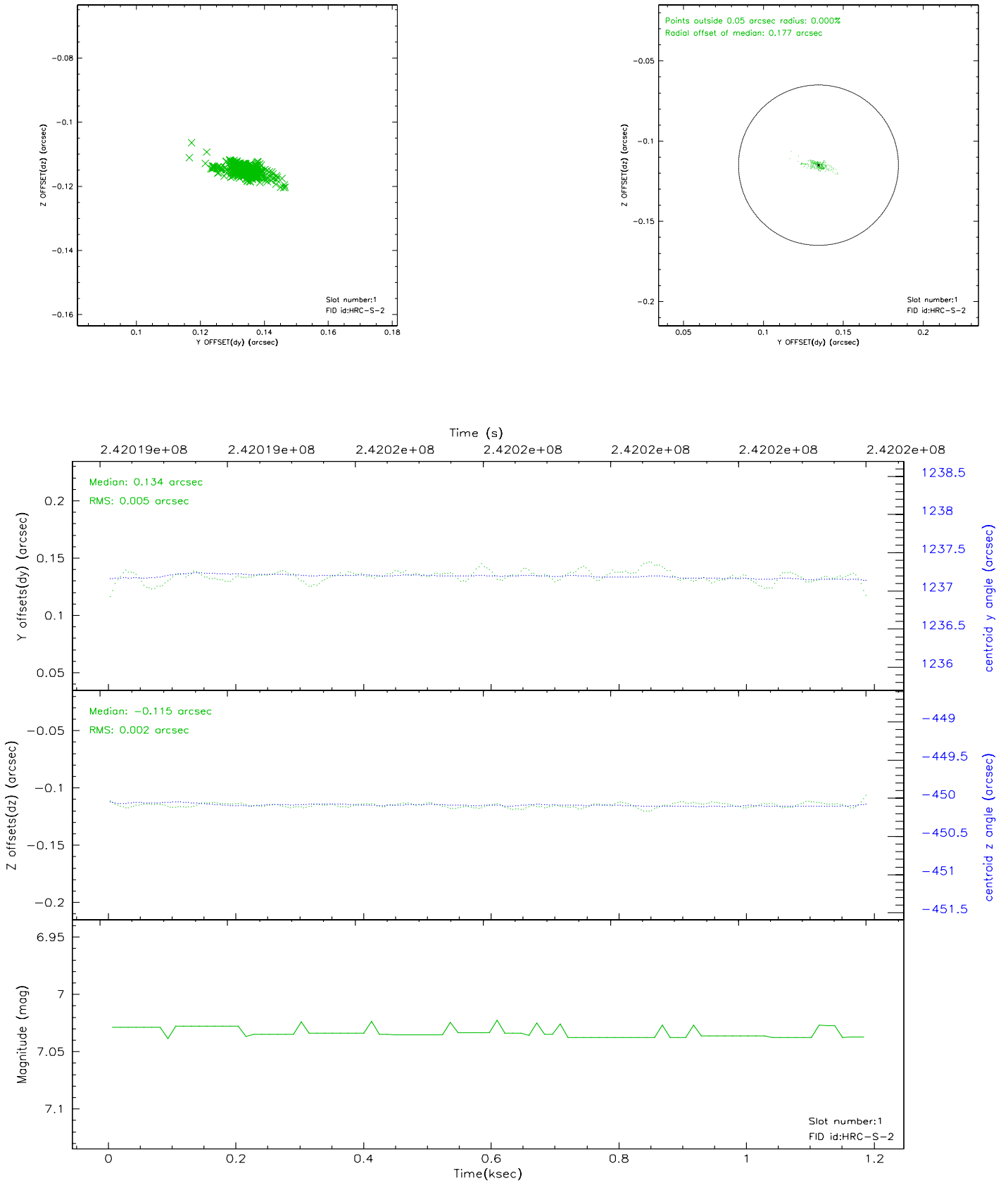


2.5 FID Slots

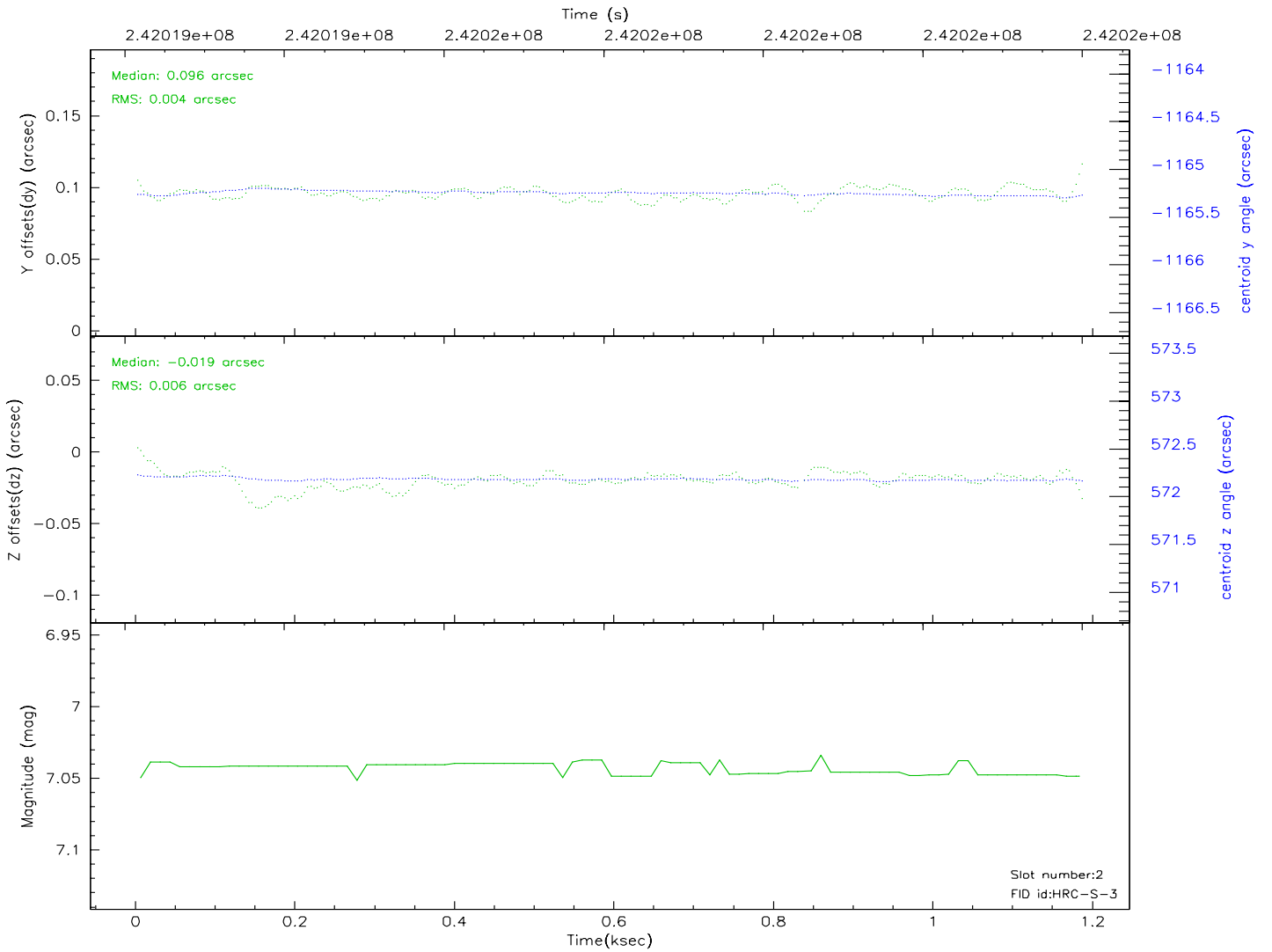
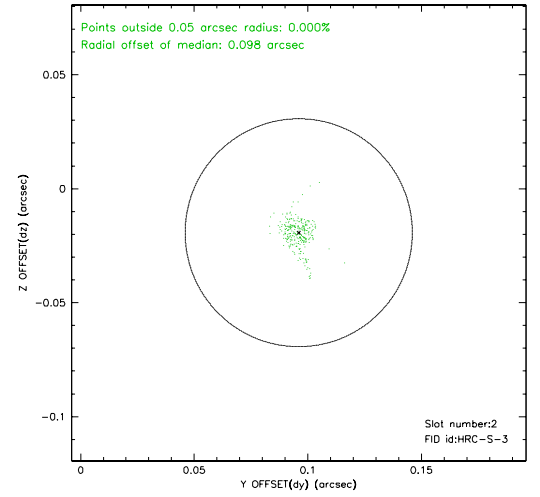
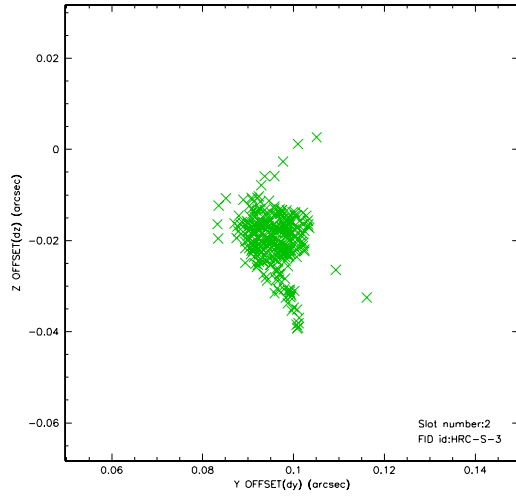
2.5.1 Slot 0



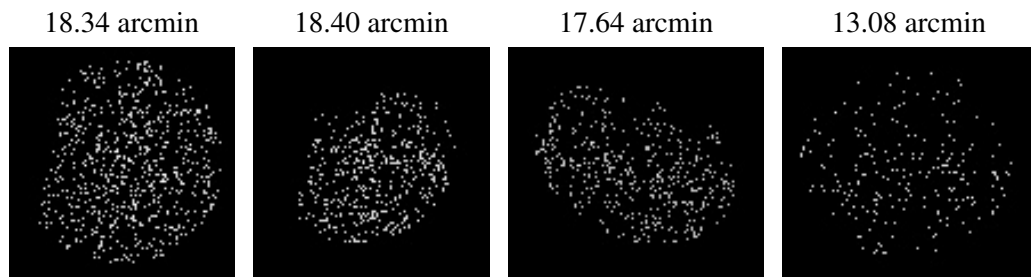
2.5.2 Slot 1



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	1.153381

A.2 Comments