

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6010 - L2 Version 002
Chandra X-Ray Center

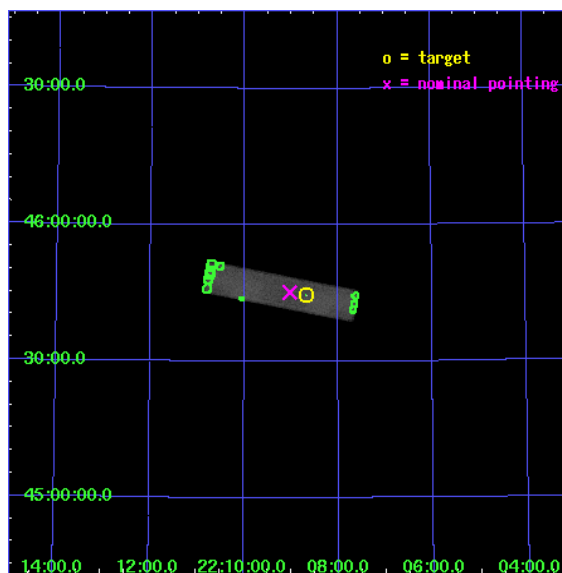
L2 Processing Date : Mar 23 2006

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

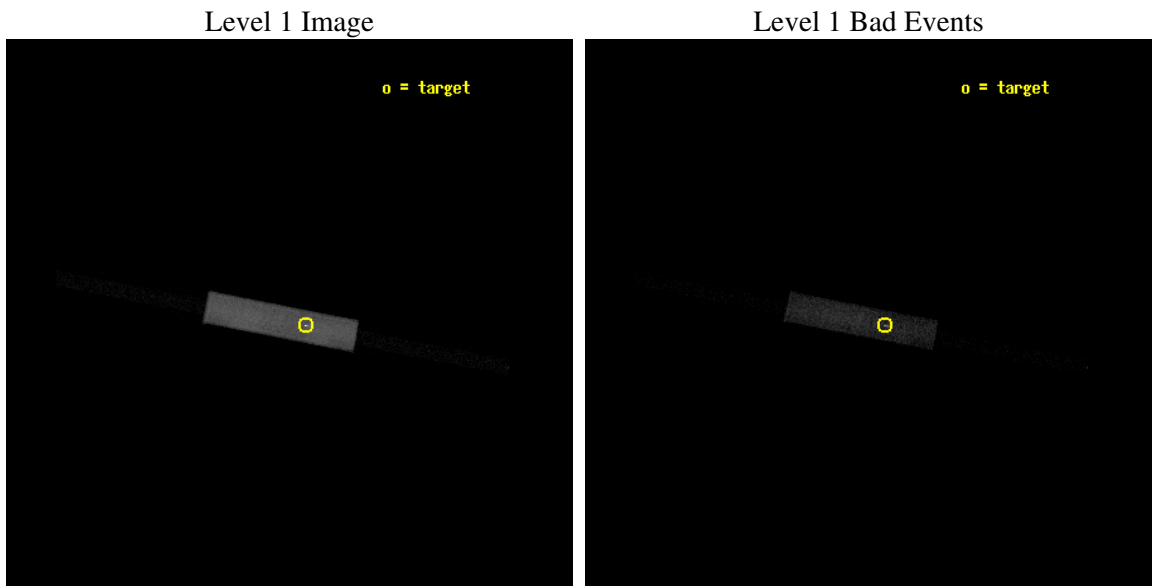
seq_num	290502
obs_id	6010
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.25684595818
dec_nom	45.753287463728
roll_nom	190.96384885512
revision	2
ontime	1155.4313030243
livetime	1143.1666980567
l2events	85742



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	2006-03-23T14:58:18
revision	2

sched_exp_time	1000.000000
ontime	1184.9000543952
l1events	137279

2.1.3 Events

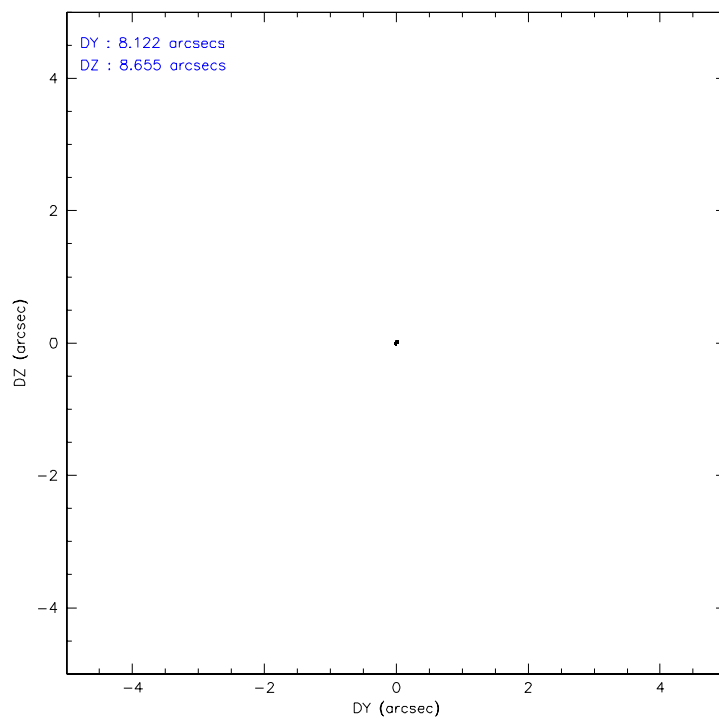
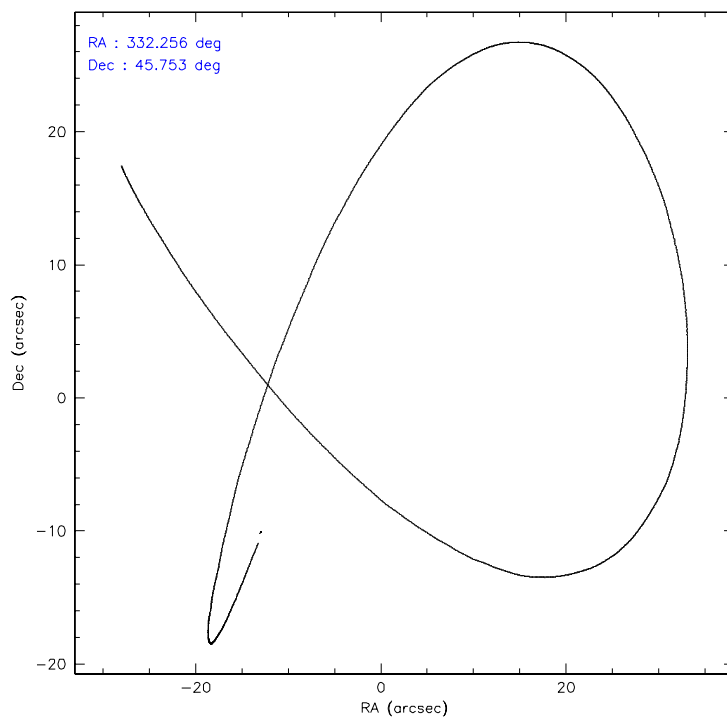
Level 1 Events

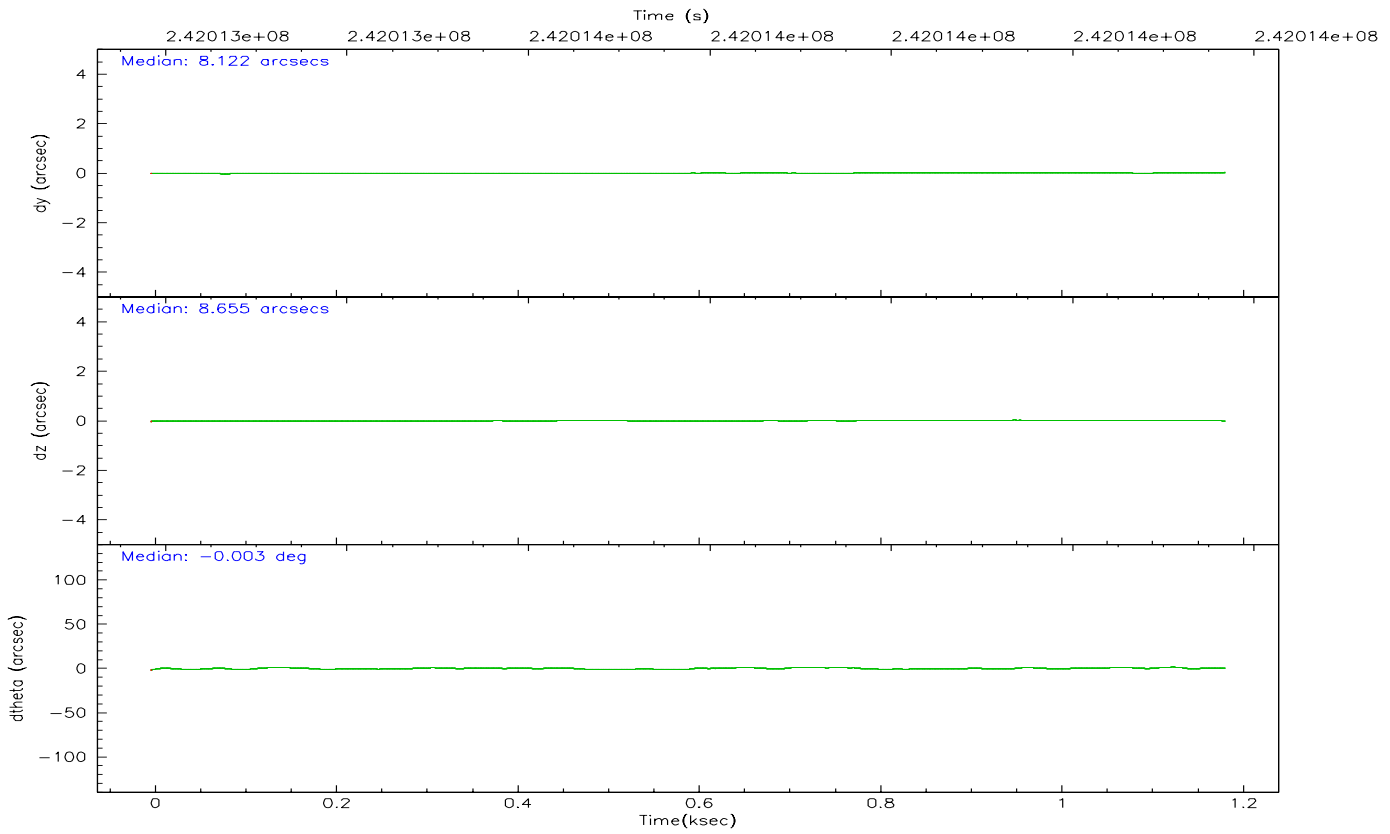
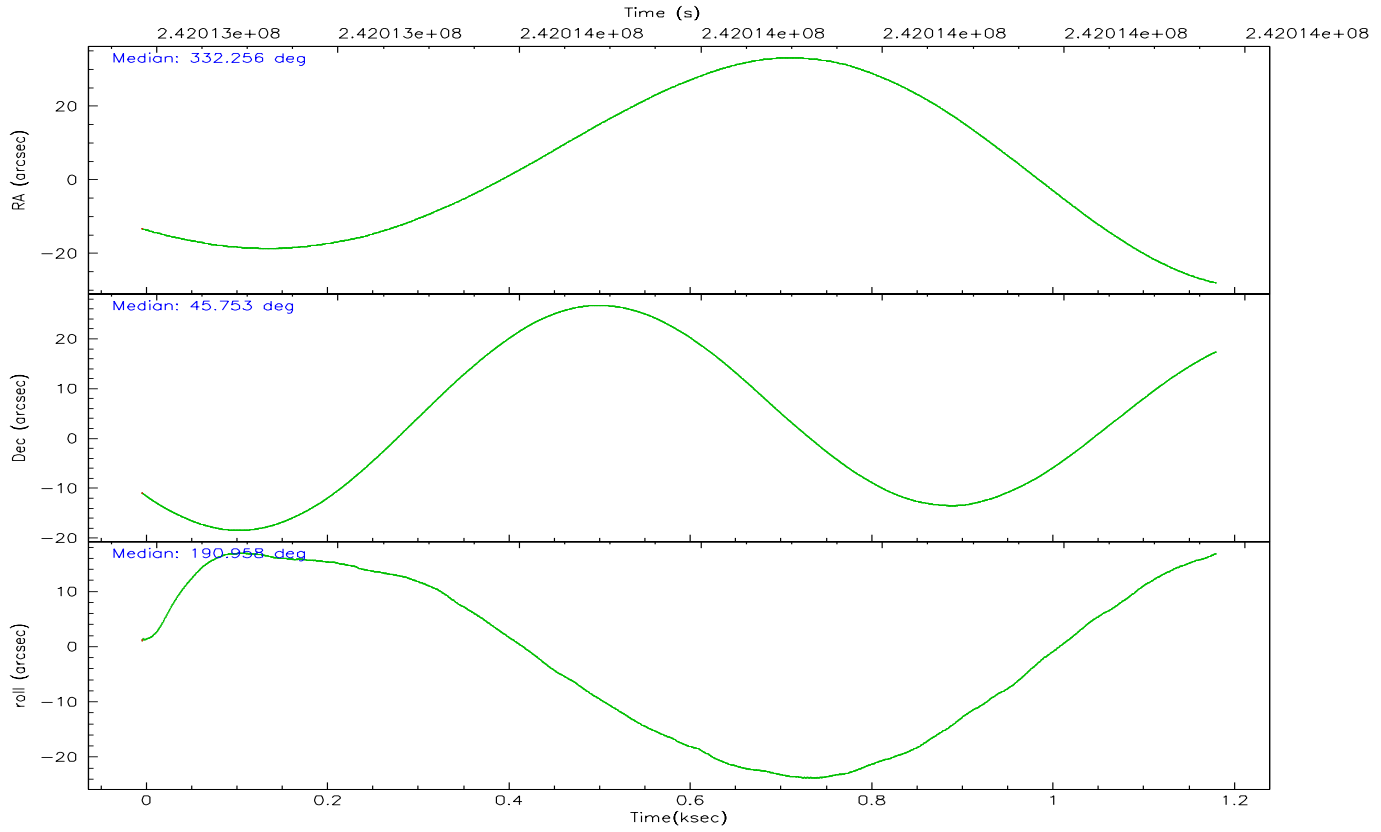
	segment 1	segment 2	segment 3
level 1 events	1335	134683	1261
rejected events	1335	44843	1261
rejected %	100%	33%	100%

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	332.286783	332.2568459581812			
Pointing Dec	45.773971	45.75328746372848			
Pointing Roll	190.875121	190.9638488551234			
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	242013364.184000	242012988.08413			
Observation start date	2005-09-02T01:55:00	2005-09-02T01:49:48			
Observation end time	242014364.184000	242014498.9342			
Observation end date	2005-09-02T02:11:40	2005-09-02T02:14:58			

2.3 Aspect



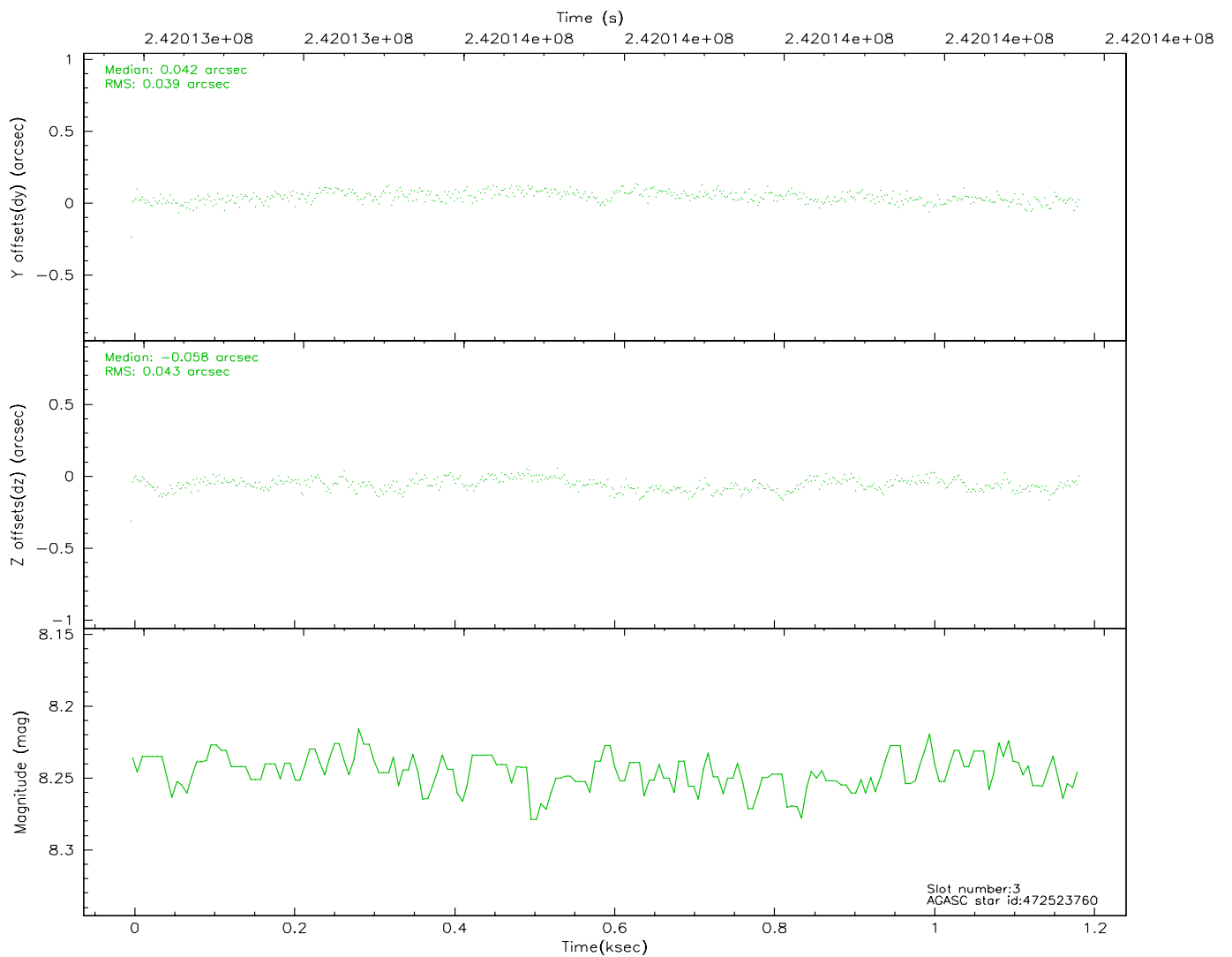
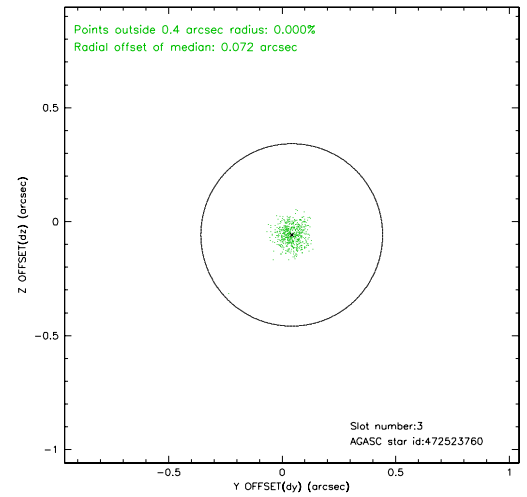
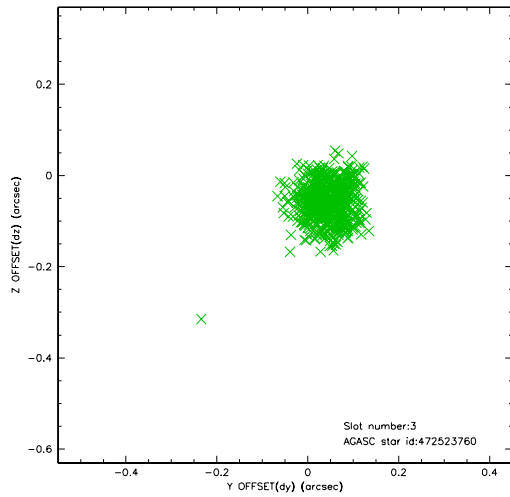


Slot Statistics

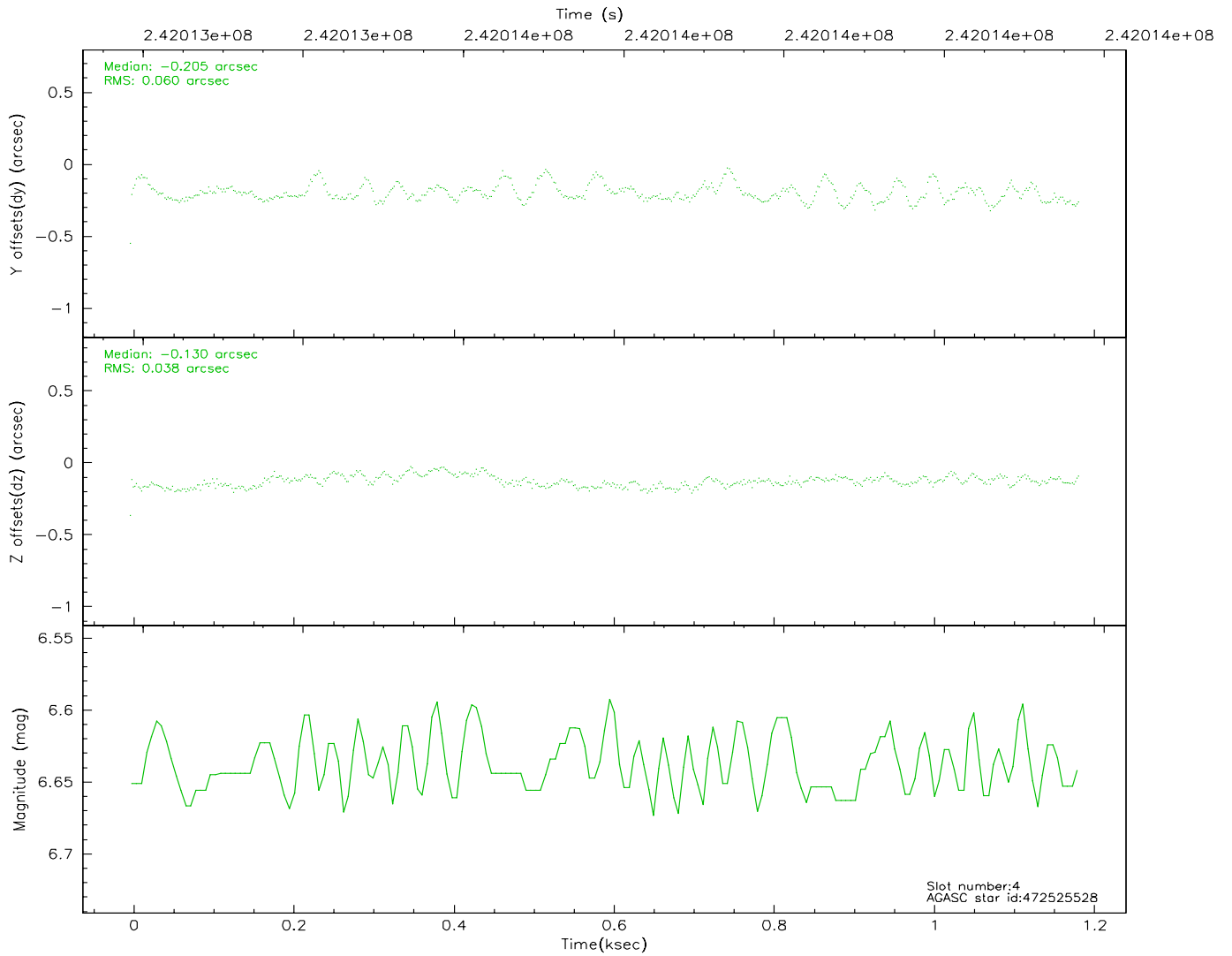
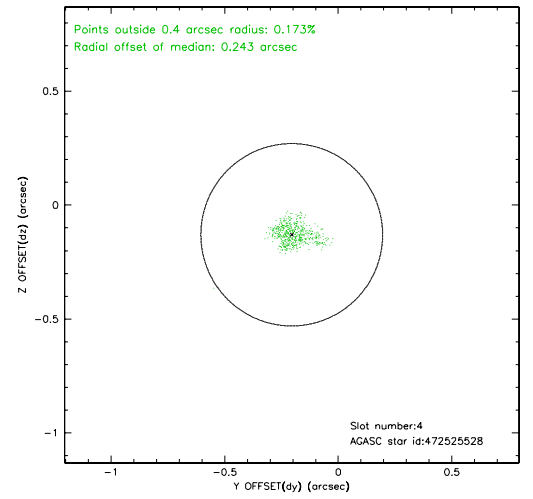
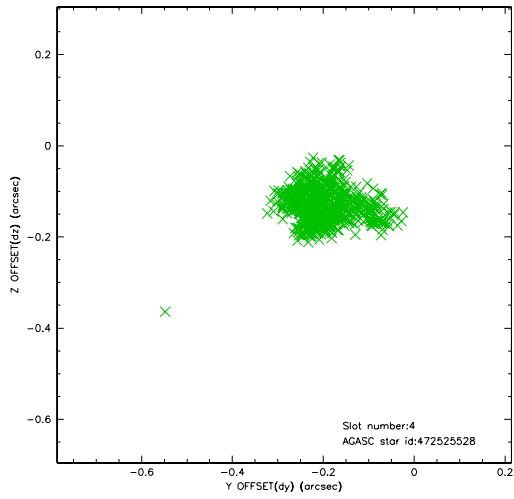
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	290	0.155	-0.155	0.008	0.013	0.000000	0.000000	-1162.28	-457.30
1	FID	HRC-S-2	7.03	290	0.137	-0.114	0.005	0.008	0.000000	0.000000	1233.38	-451.48
2	FID	HRC-S-3	7.04	290	0.098	-0.033	0.008	0.012	0.000000	0.000000	-1160.80	570.79
3	GUIDE	472523760	8.25	579	0.042	-0.058	0.061	0.095	331.645363	45.403260	1841.48	995.70
4	GUIDE	472525528	6.64	579	-0.205	-0.130	0.071	0.127	331.551102	45.248694	2187.89	1495.90
5	GUIDE	472533912	9.16	579	0.031	0.027	0.109	0.178	331.791136	46.368695	807.31	-2338.75
6	GUIDE	472535576	7.87	579	-0.128	0.091	0.066	0.110	331.438373	46.291802	1719.04	-2246.56
7	GUIDE	472665256	9.00	578	0.246	0.075	0.077	0.120	332.808125	46.195041	-1560.49	-1254.54

2.4 Star Slots

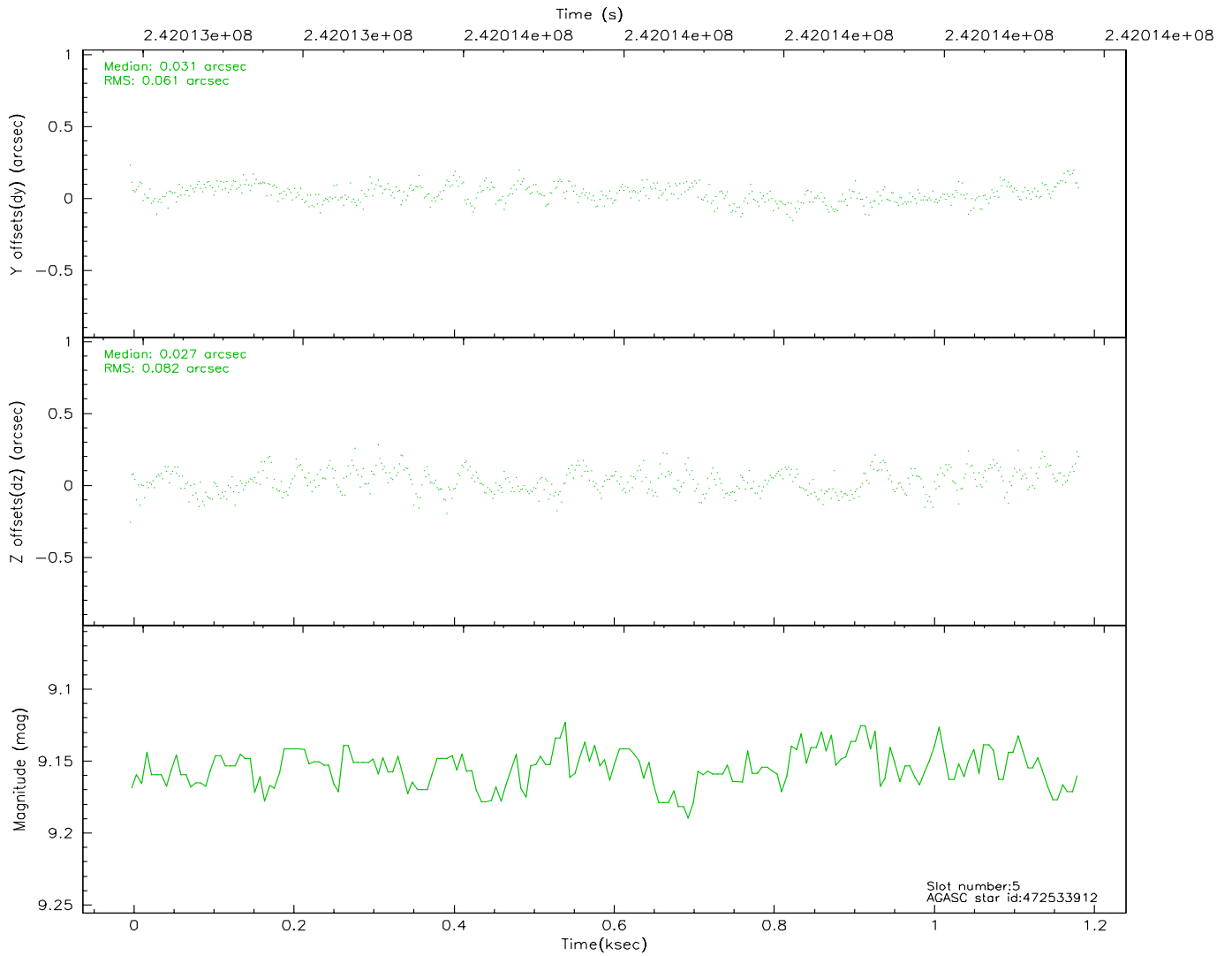
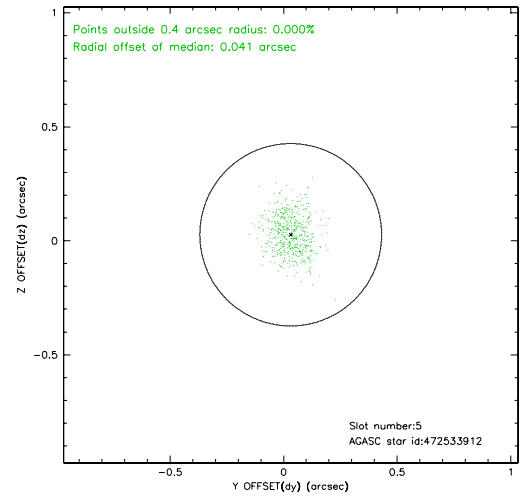
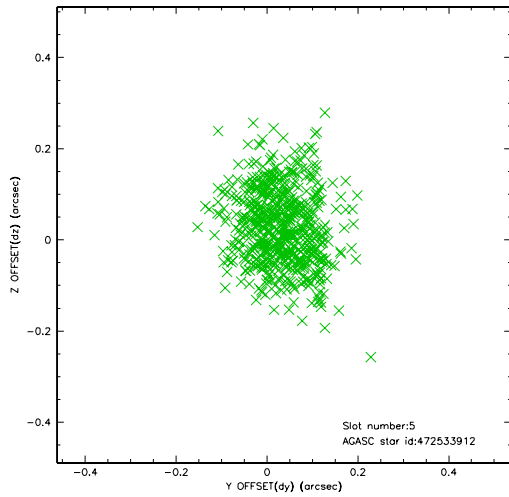
2.4.1 Slot 3



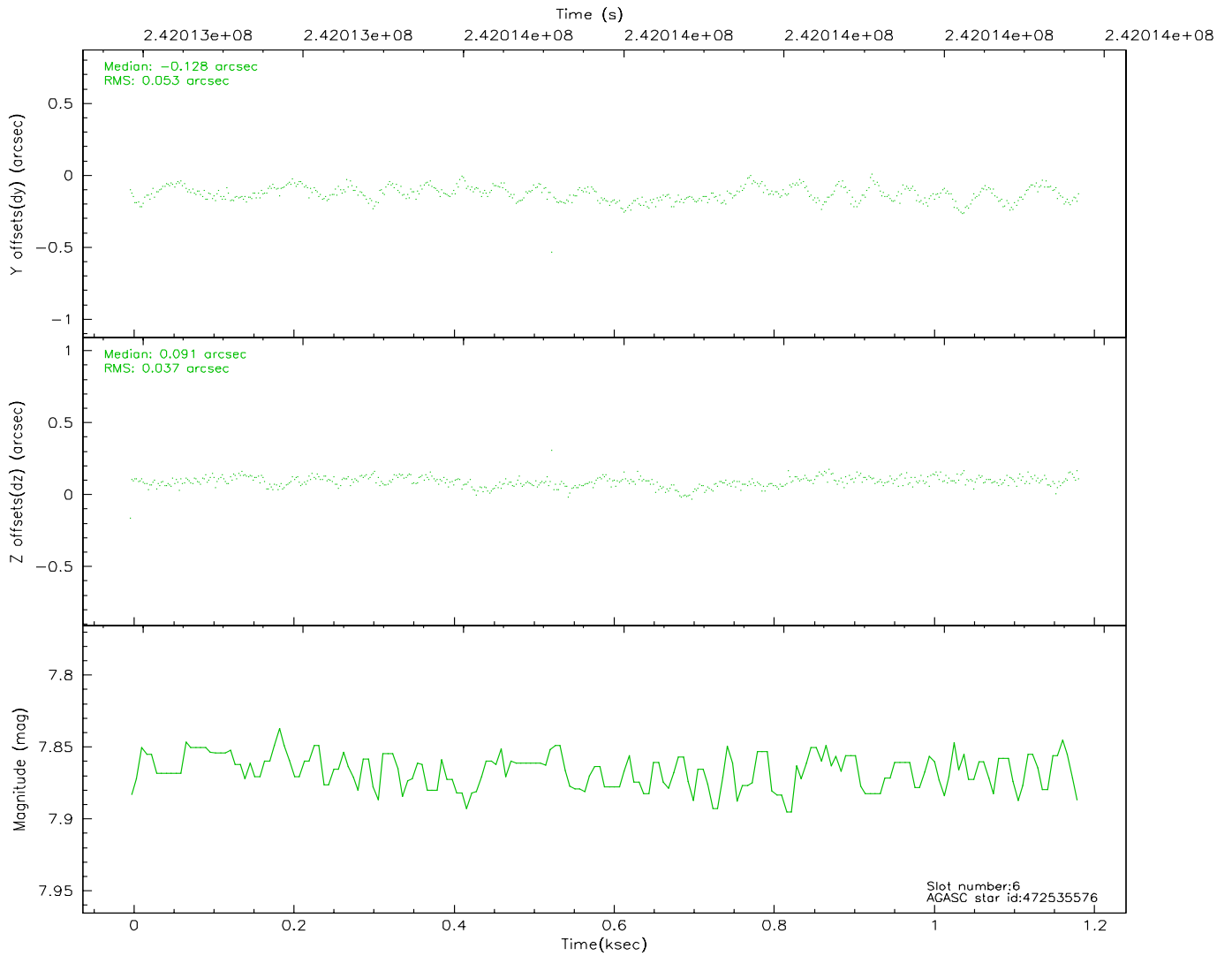
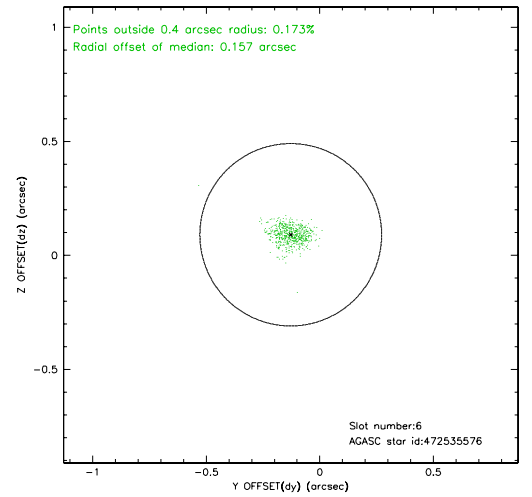
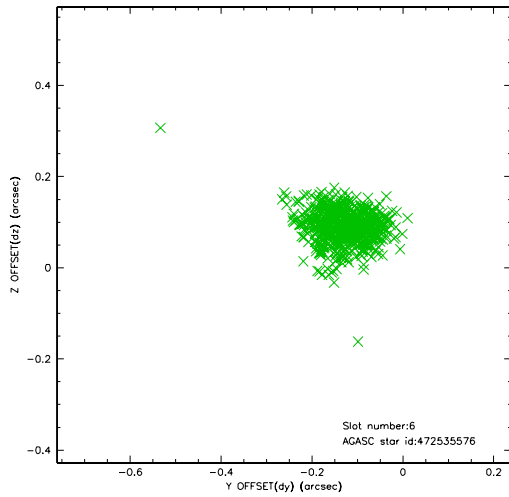
2.4.2 Slot 4



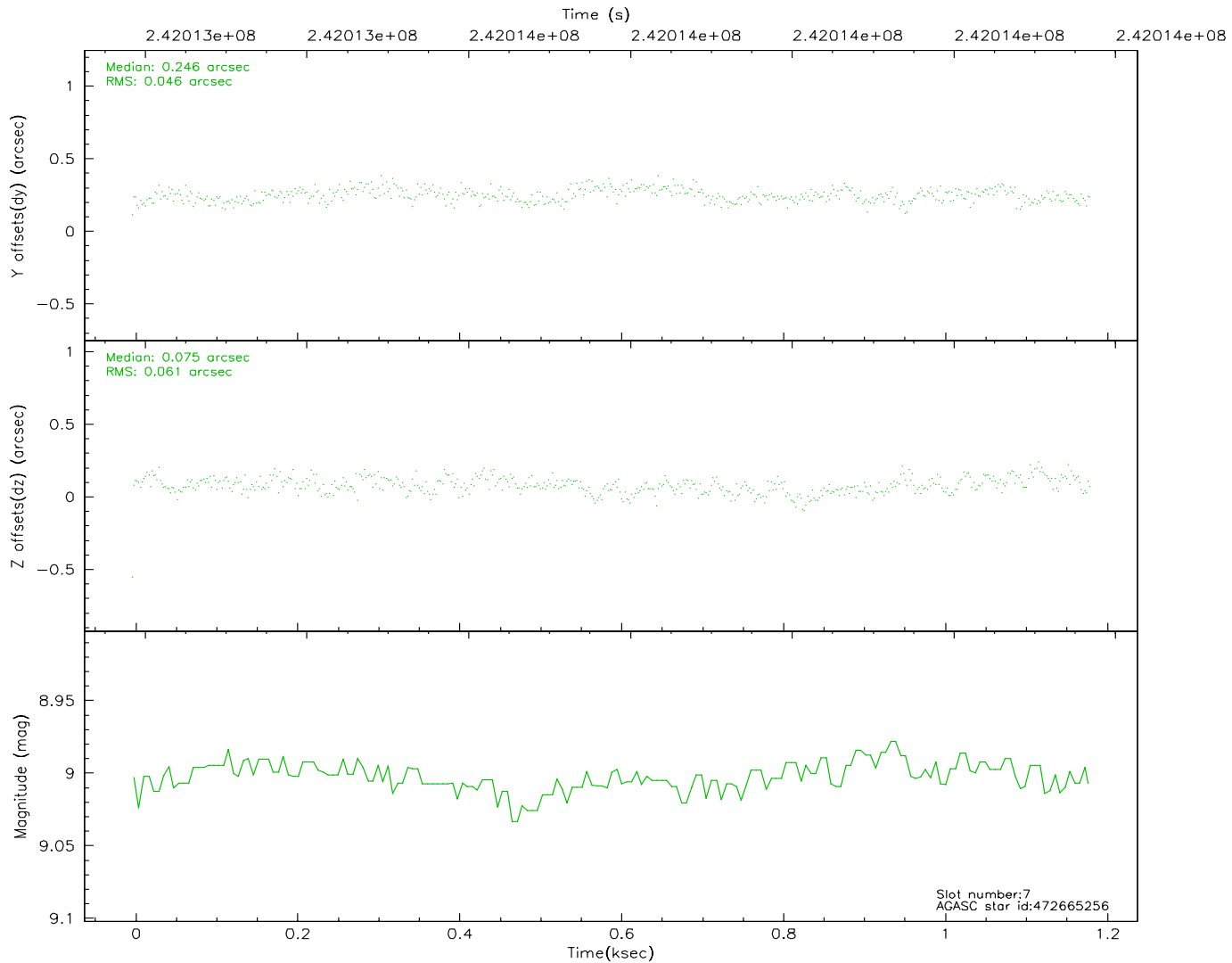
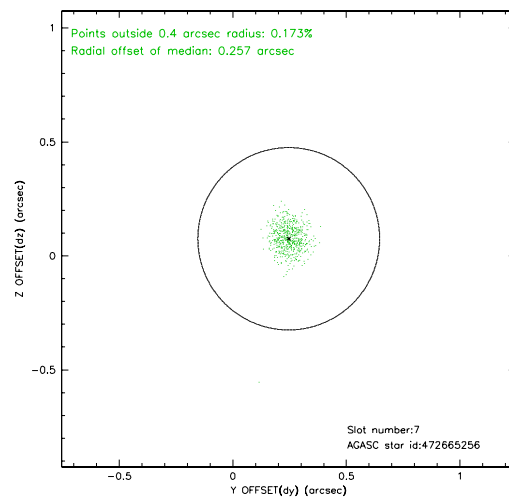
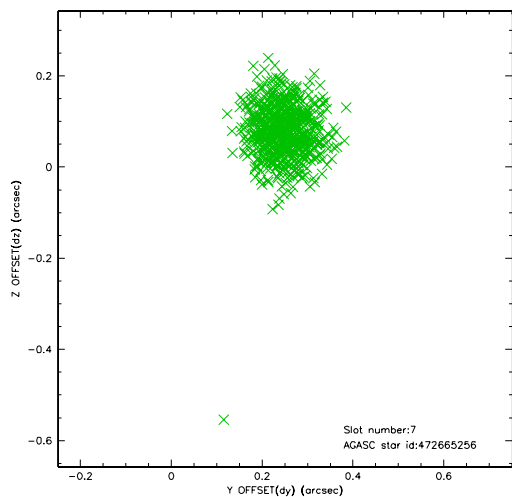
2.4.3 Slot 5



2.4.4 Slot 6

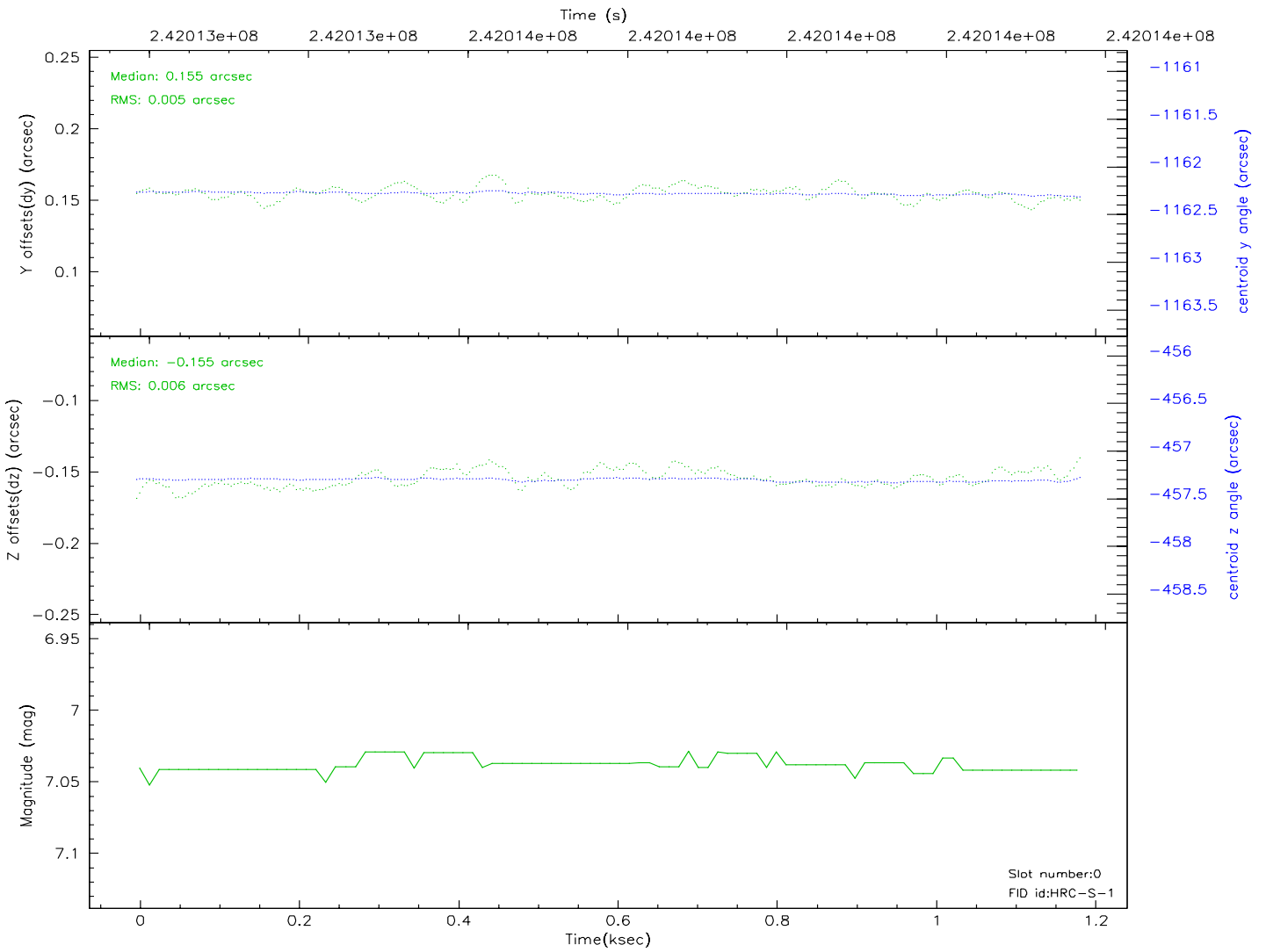
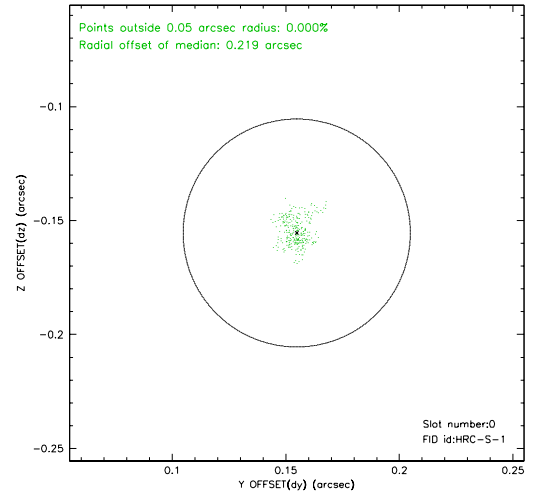
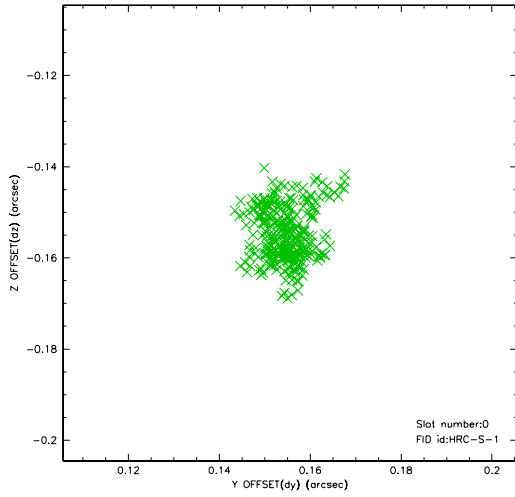


2.4.5 Slot 7

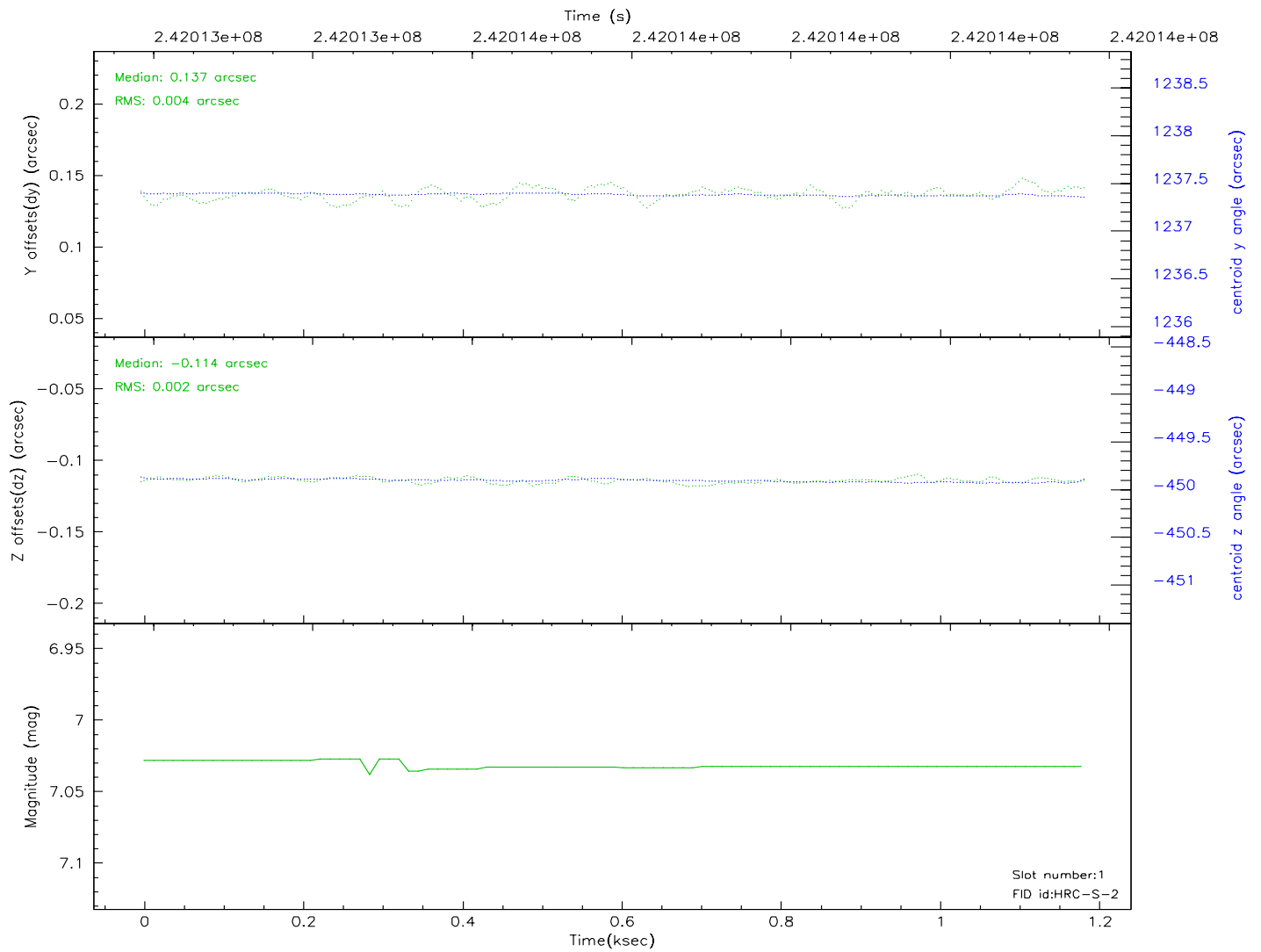
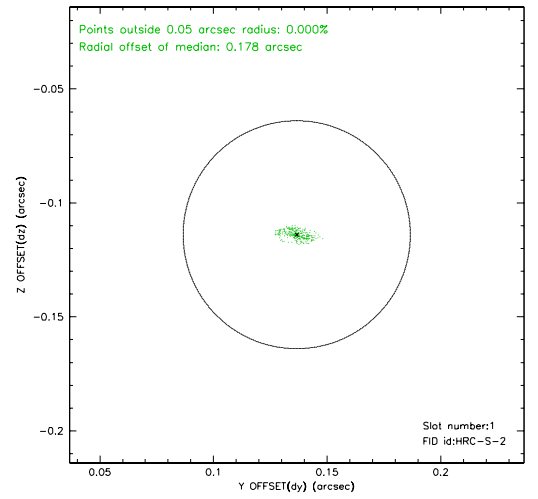
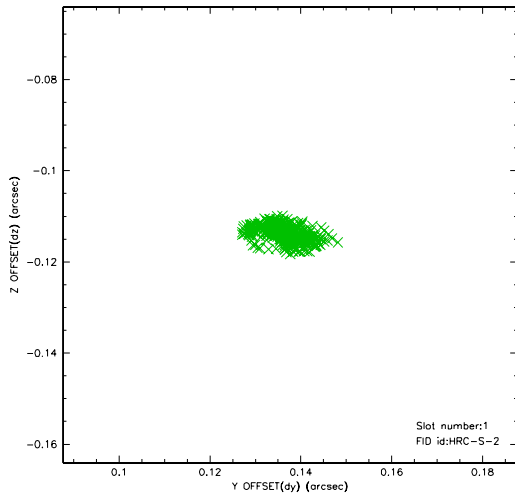


2.5 FID Slots

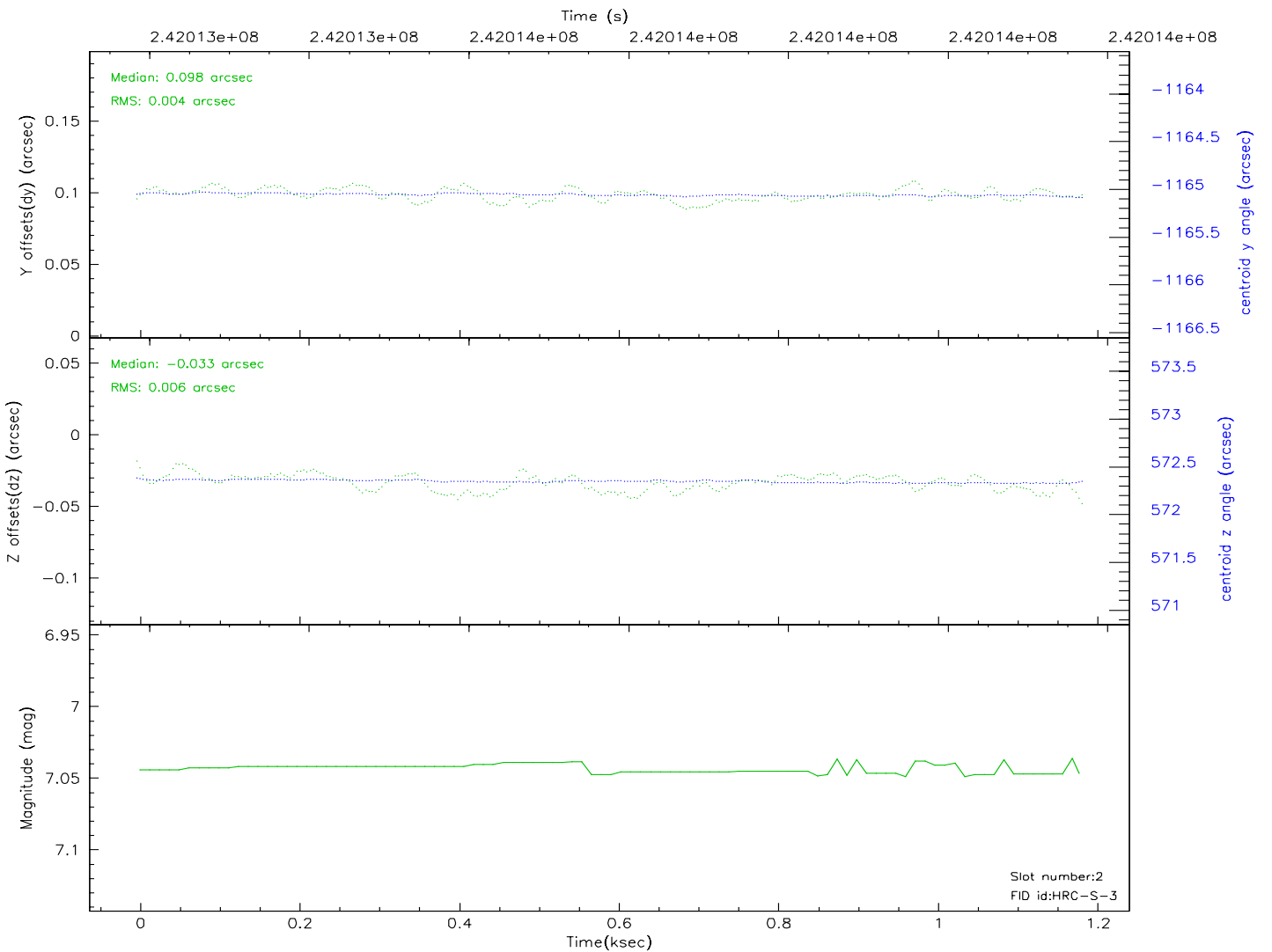
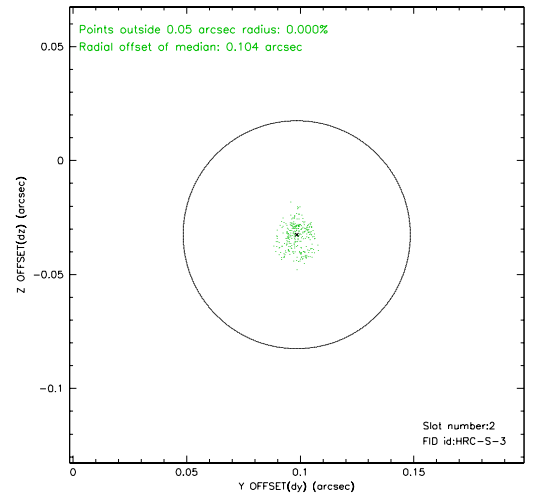
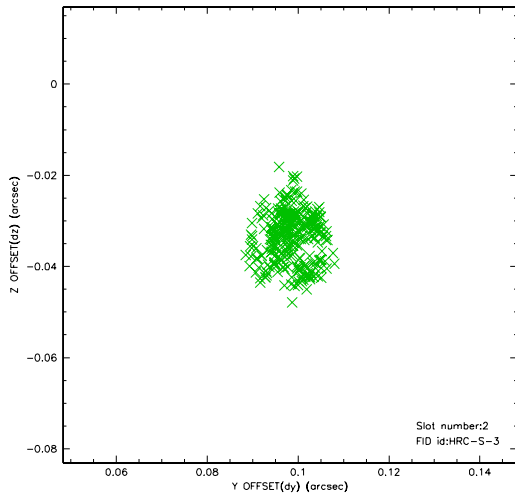
2.5.1 Slot 0



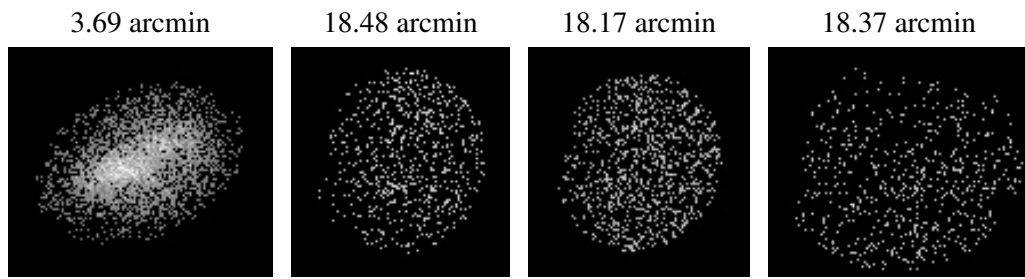
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.155431

A.2 Comments