

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2442 - L2 Version 001
Chandra X-Ray Center

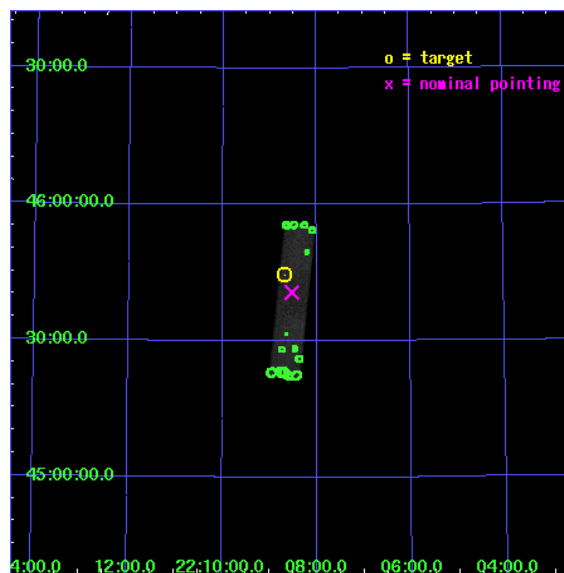
L2 Processing Date : Nov 21 2006

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

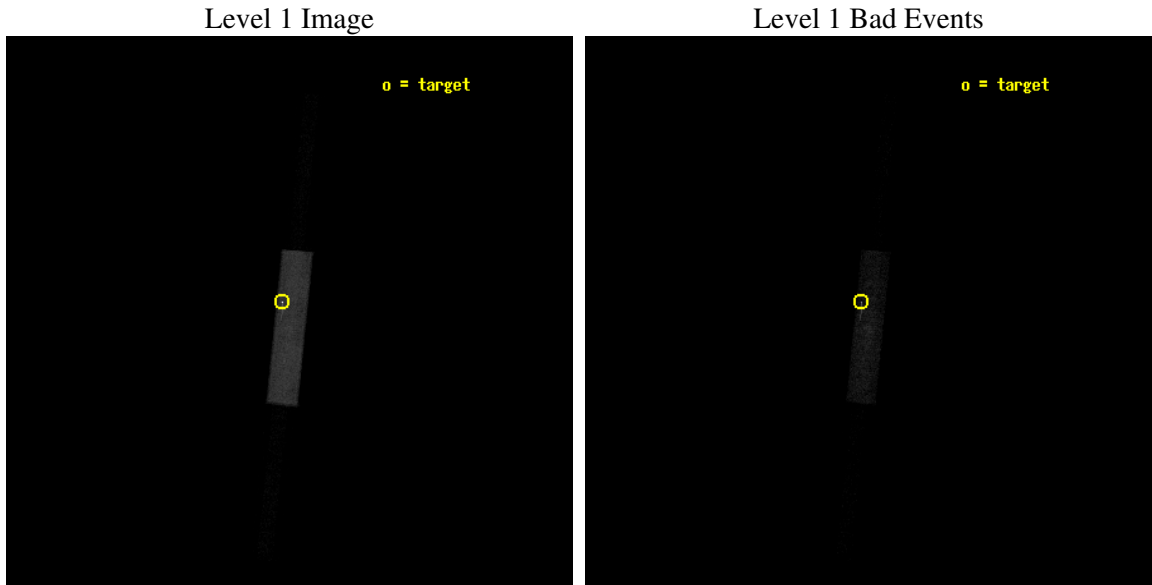
seq_num	290078
obs_id	2442
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.1310604254
dec_nom	45.678448519756
roll_nom	95.833096964465
revision	4
ontime	1376.8313034922
livetime	1367.9496117404
l2events	61870



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	2006-11-21T15:33:21
revision	3

sched_exp_time	1234.000000
ontime	1424.7500553429
l1events	102643

2.1.3 Events

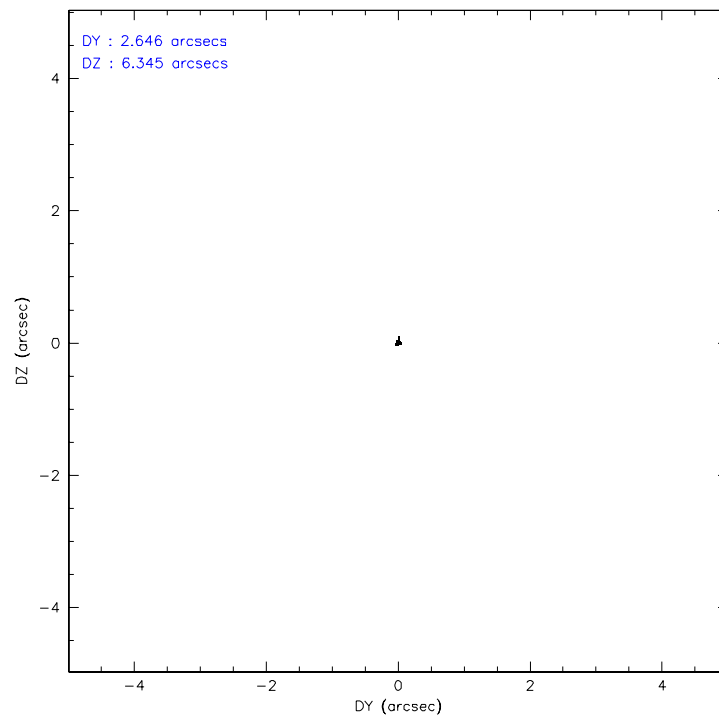
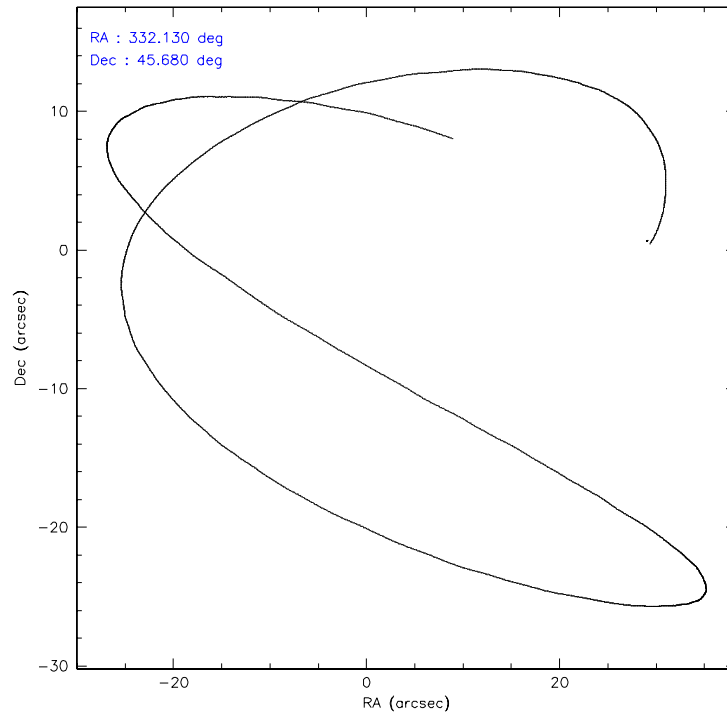
Level 1 Events

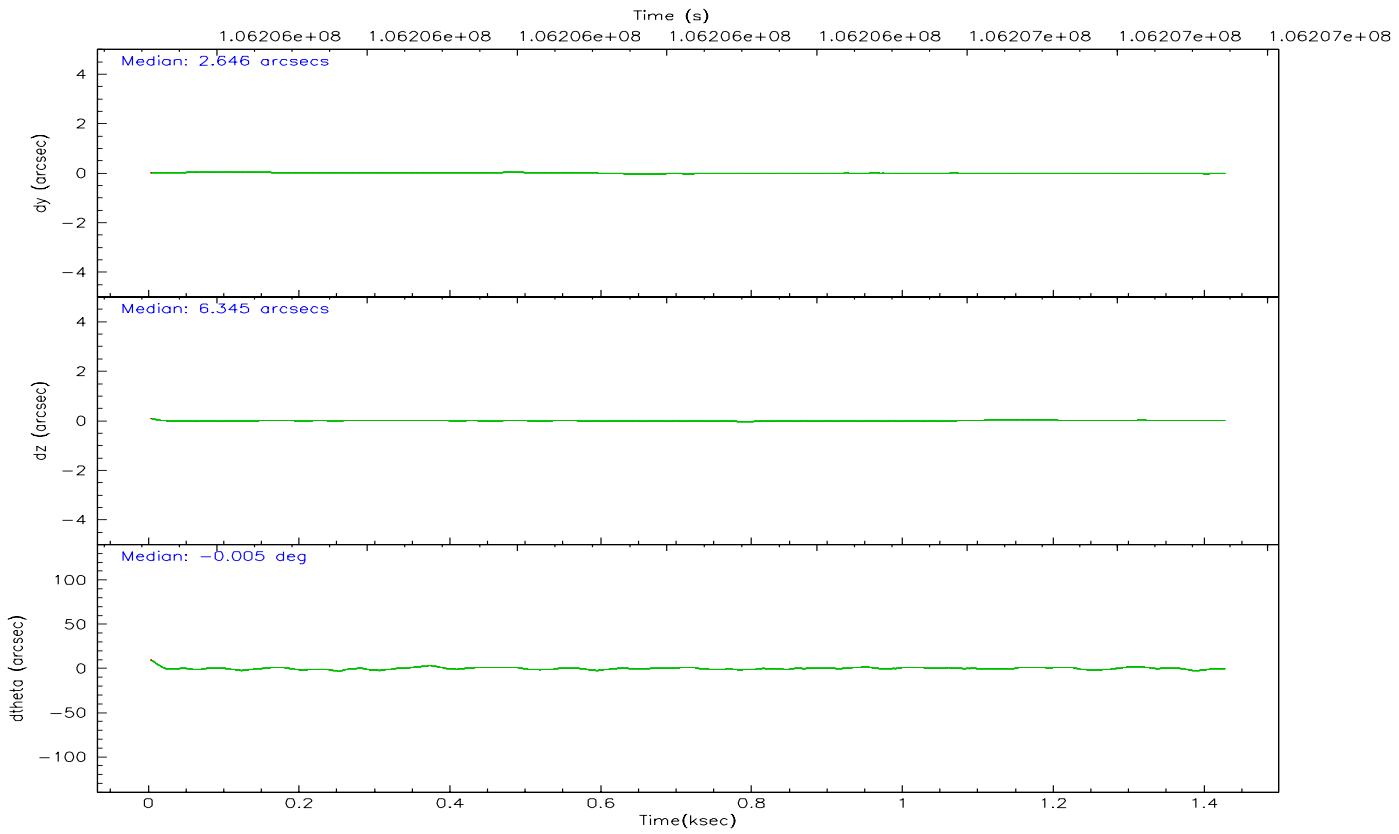
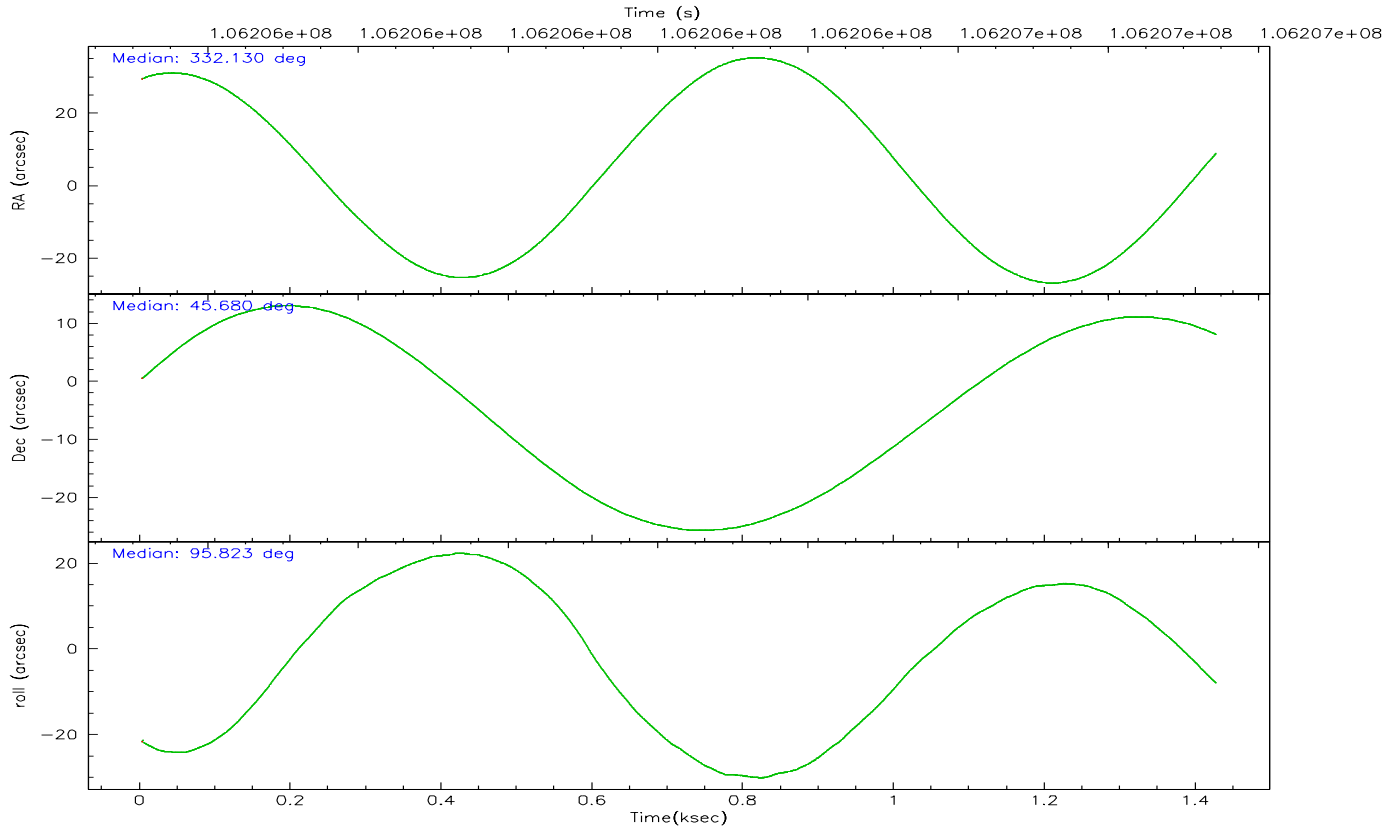
	segment 1	segment 2	segment 3
level 1 events	1328	100100	1215
rejected events	1328	34883	1215
rejected %	100%	34%	100%

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	332.157154	332.131060425404			
Pointing Dec	45.654969	45.67844851975605			
Pointing Roll	95.747142	95.83309696446481			
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	106205707.184000	106205330.54586			
Observation start date	2001-05-14T05:34:03	2001-05-14T05:28:50			
Observation end time	106206941.184000	106207075.09593			
Observation end date	2001-05-14T05:54:37	2001-05-14T05:57:55			

2.3 Aspect



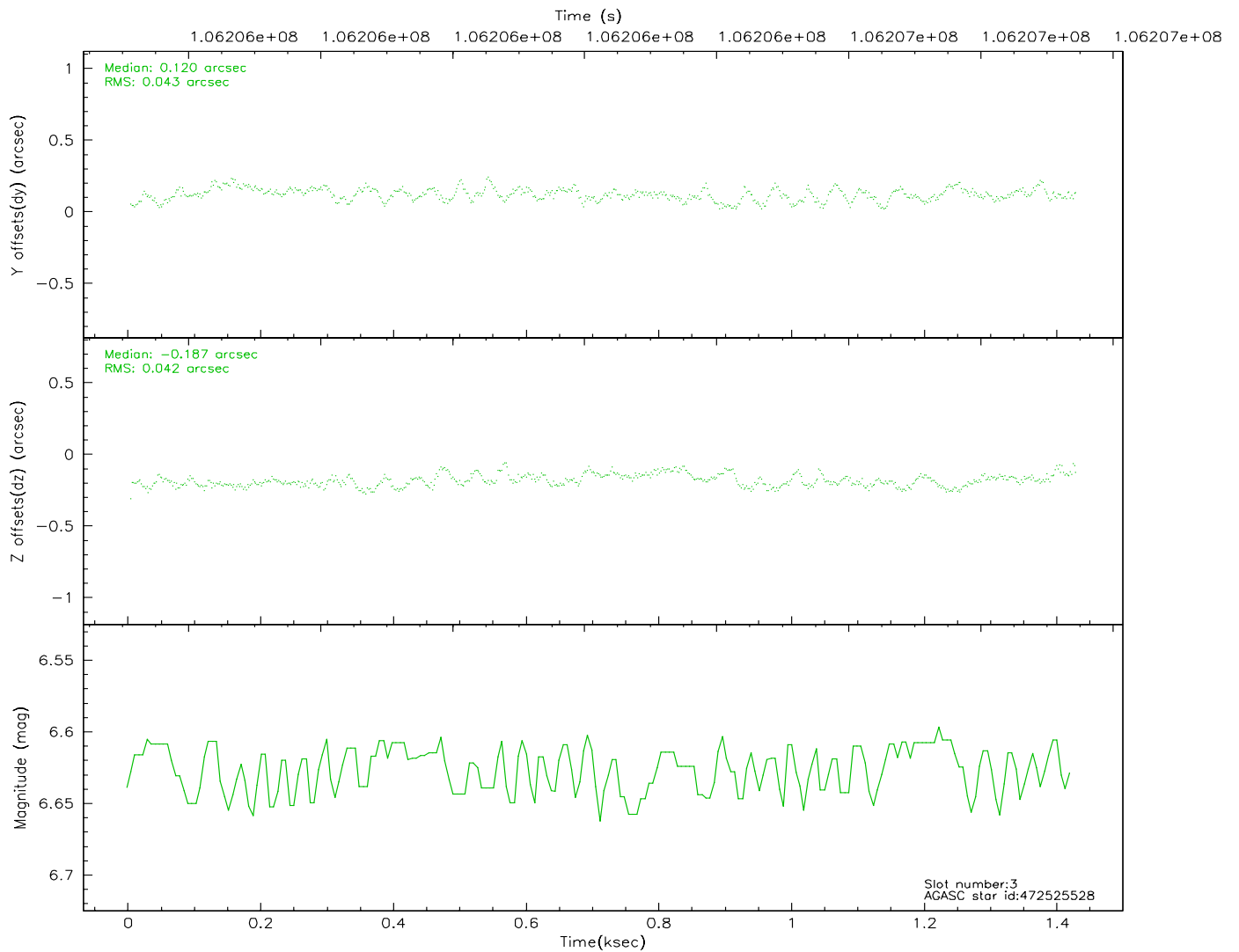
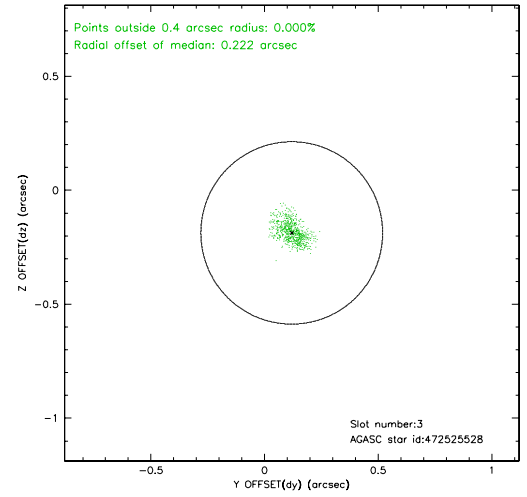
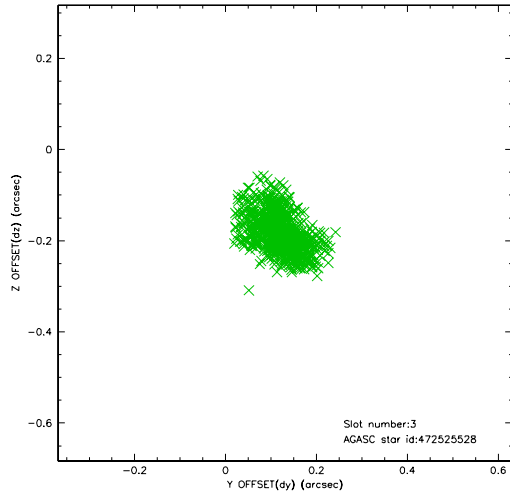


Slot Statistics

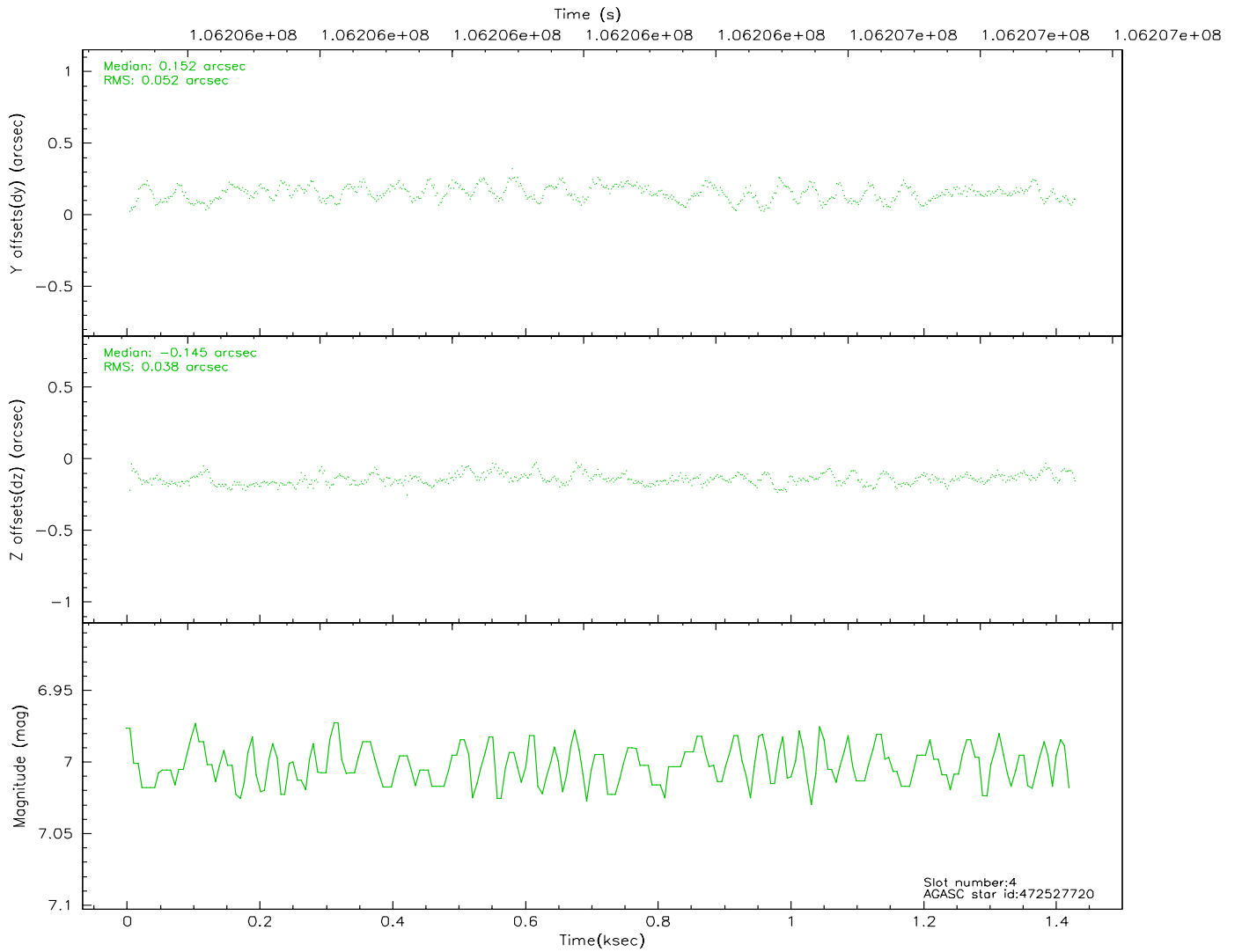
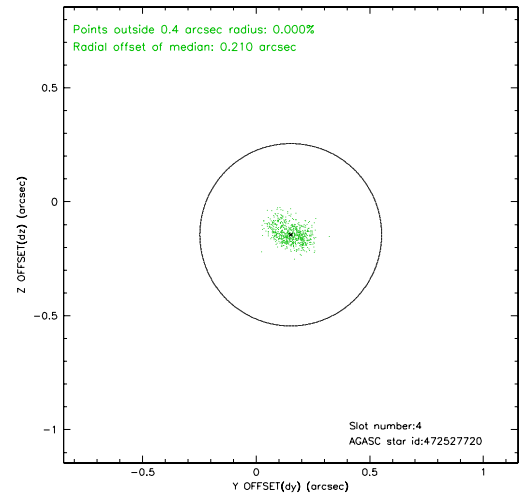
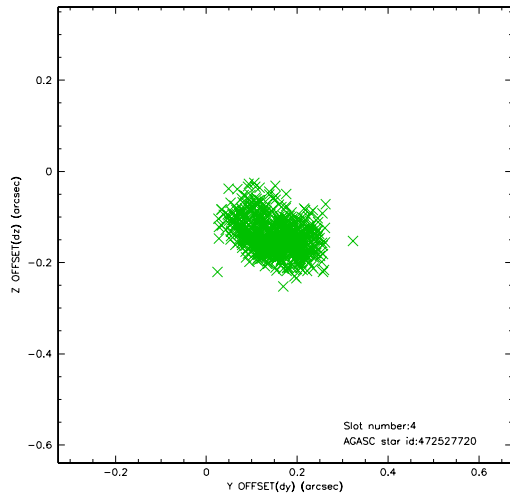
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	348	0.109	-0.110	0.007	0.012	0.000000	0.000000	-1156.69	-454.90
1	FID	HRC-S-3	7.00	348	0.150	-0.095	0.008	0.013	0.000000	0.000000	-1162.73	573.34
2	FID	HRC-S-4	6.93	348	0.129	-0.091	0.004	0.009	0.000000	0.000000	1238.21	578.94
3	GUIDE	472525528	6.63	696	0.120	-0.187	0.065	0.104	331.551102	45.248694	-1300.00	1672.21
4	GUIDE	472527720	7.00	696	0.152	-0.145	0.070	0.110	331.460205	45.112509	-1764.35	1956.94
5	GUIDE	472523760	8.23	696	0.001	0.005	0.063	0.111	331.645363	45.403260	-774.88	1378.54
6	GUIDE	472665256	9.01	696	-0.180	0.219	0.072	0.121	332.808125	46.195041	1773.62	-1808.46
7	GUIDE	472659832	9.45	692	-0.102	0.092	0.102	0.166	332.780399	46.098139	1436.35	-1712.15

2.4 Star Slots

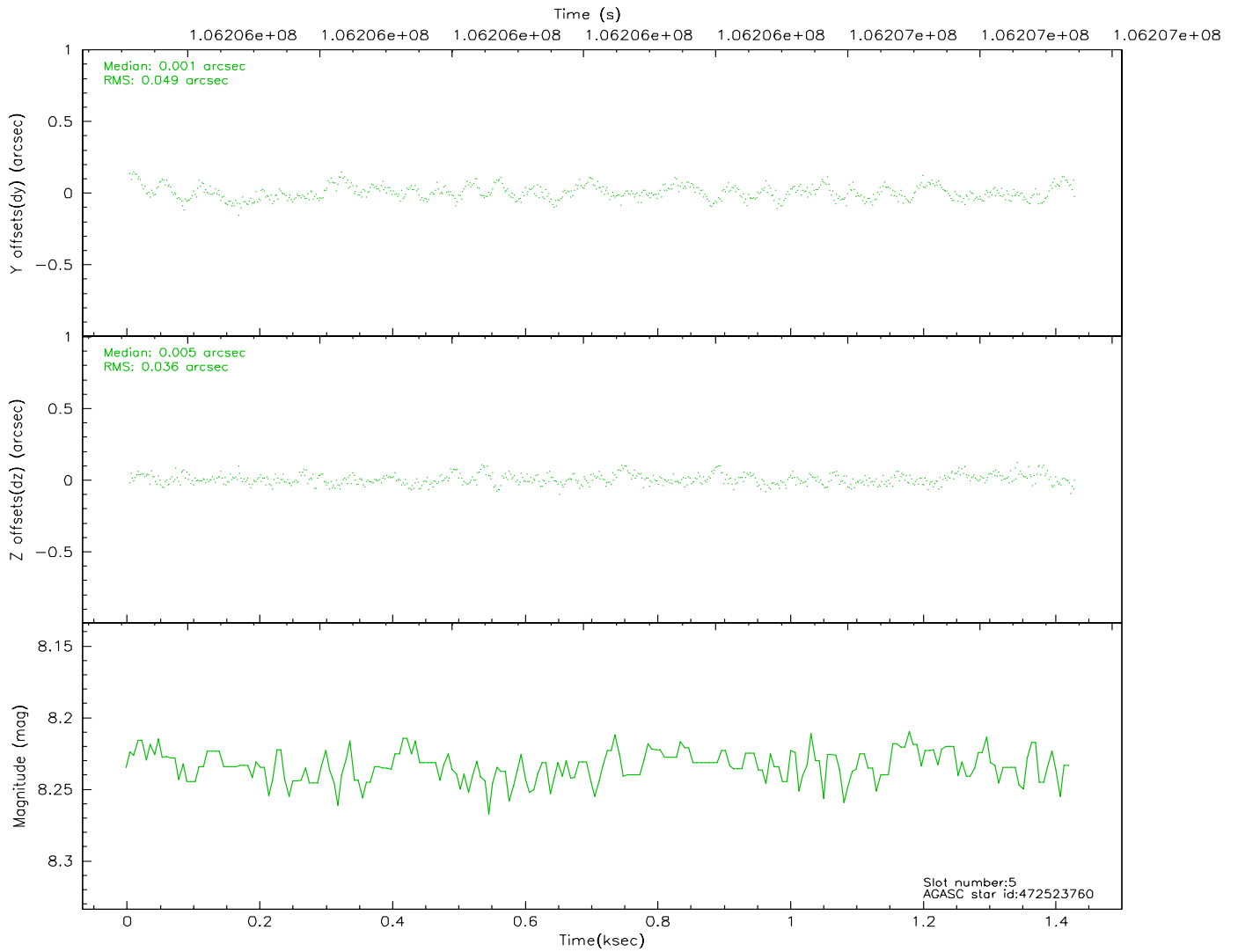
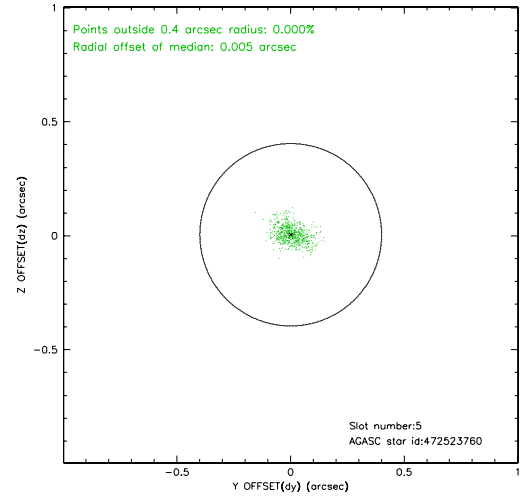
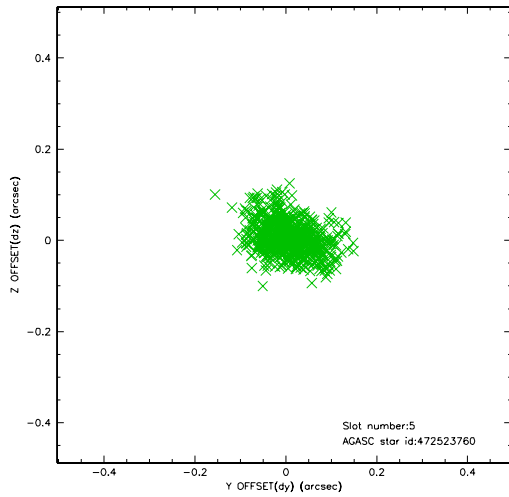
2.4.1 Slot 3



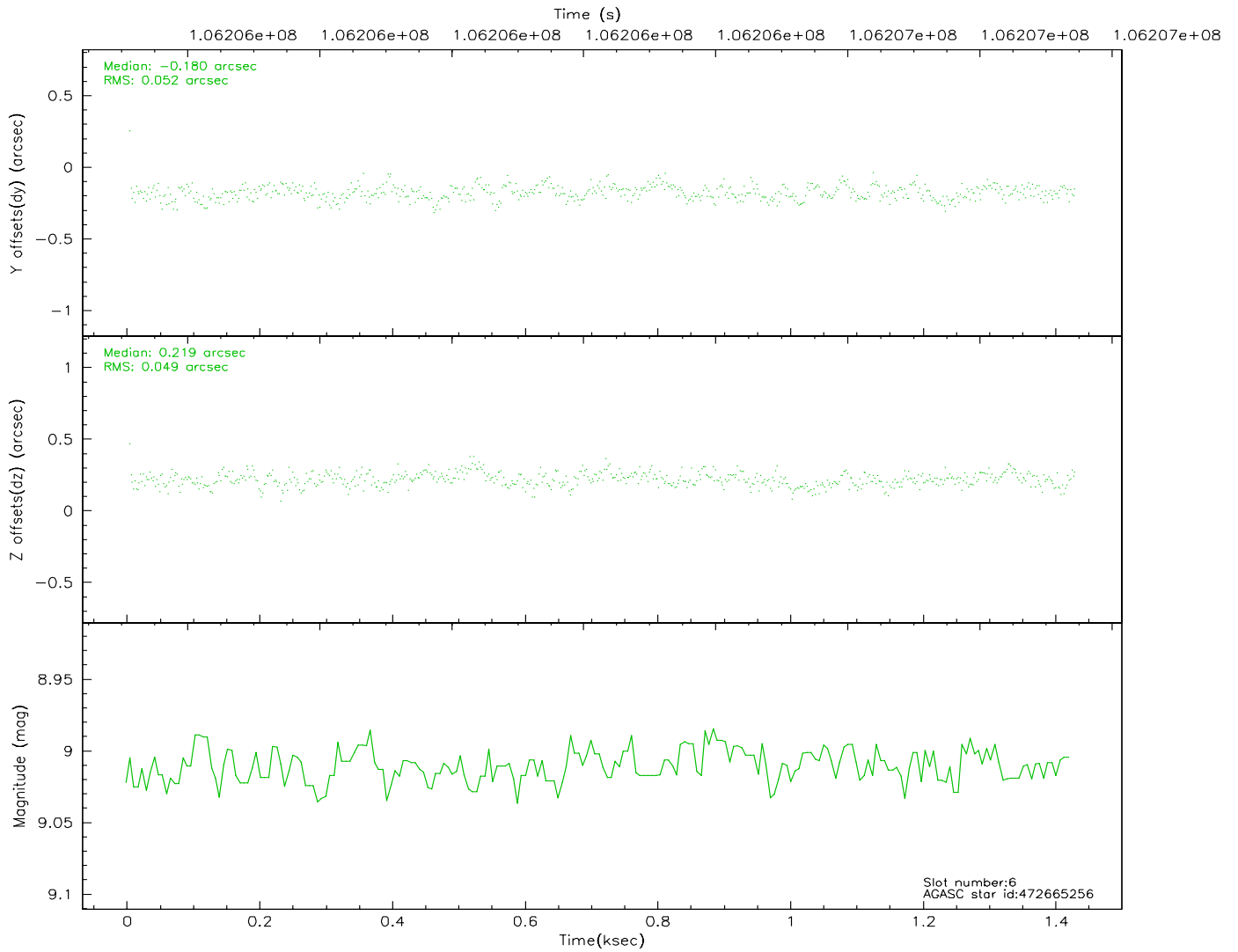
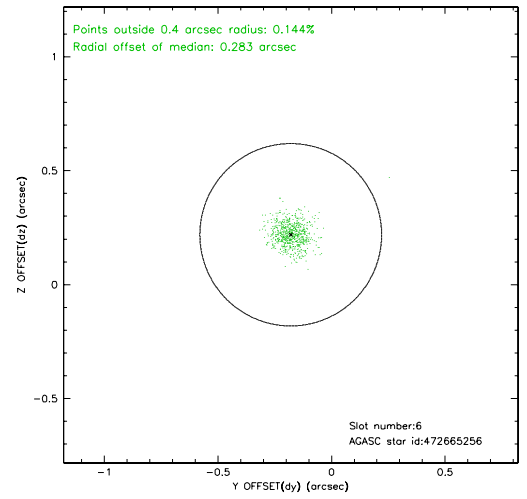
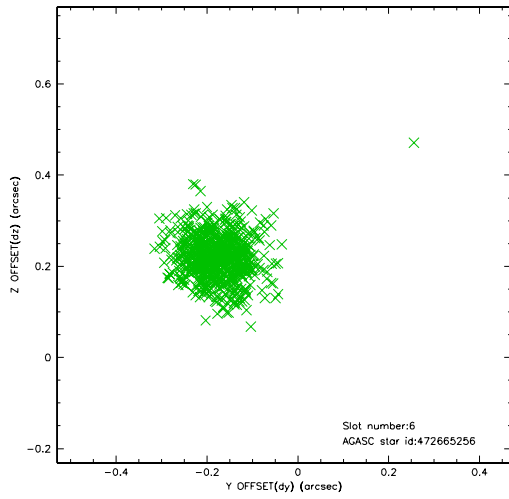
2.4.2 Slot 4



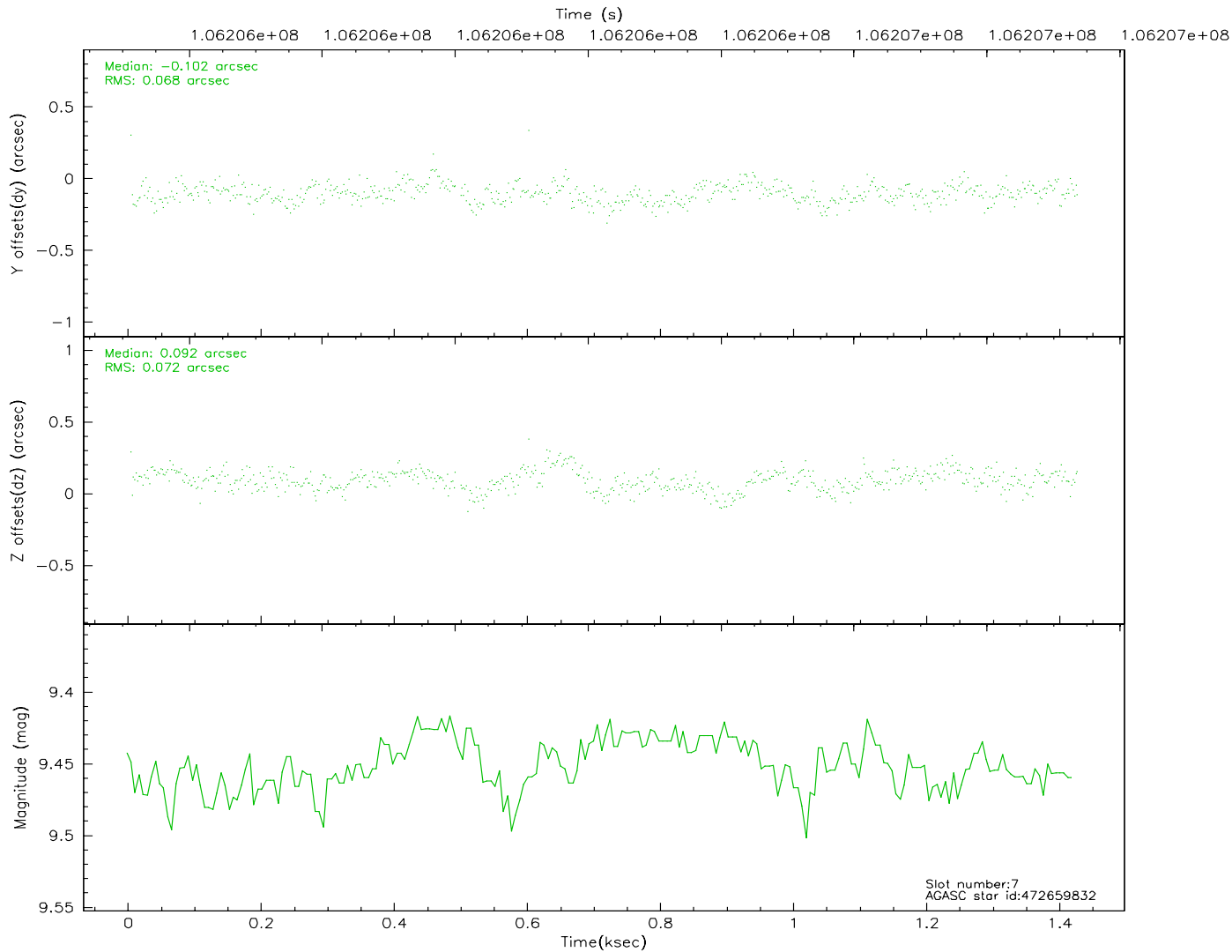
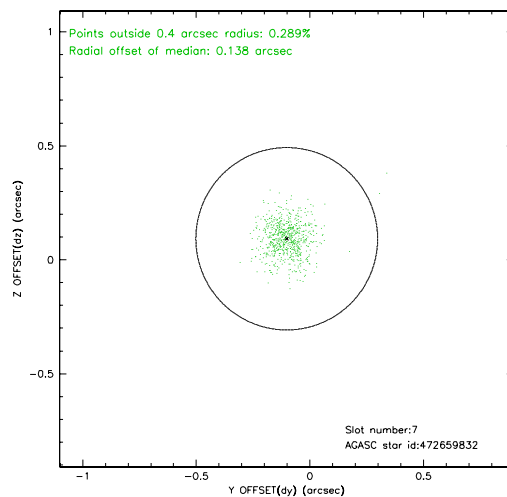
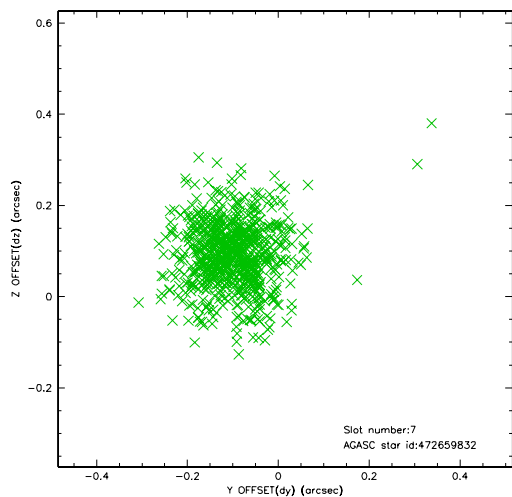
2.4.3 Slot 5



2.4.4 Slot 6

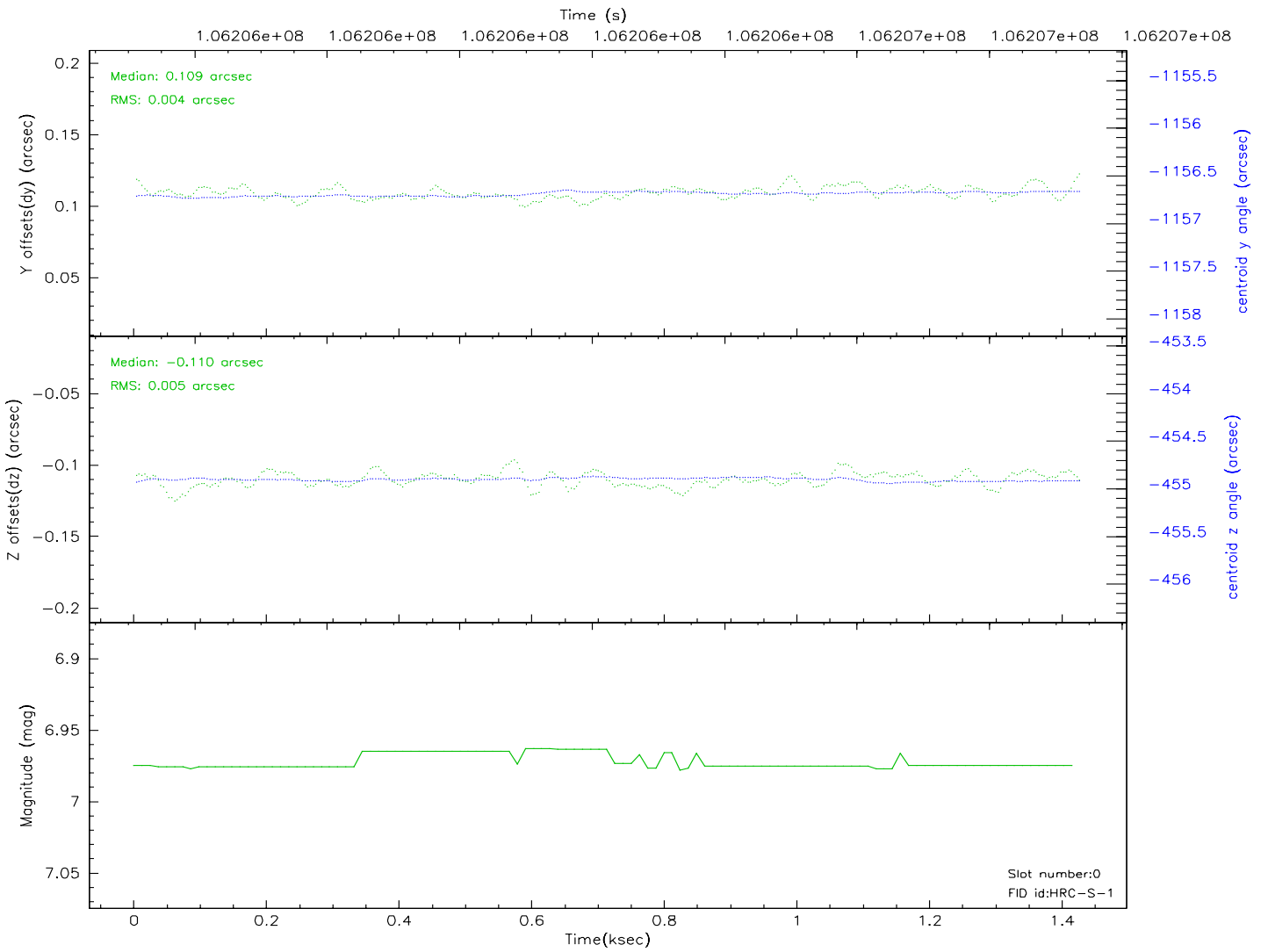
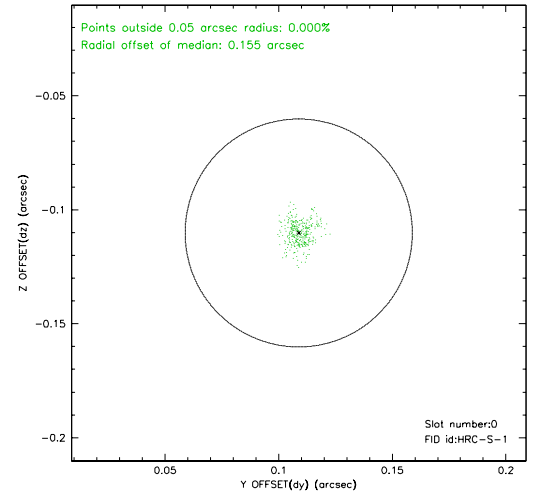
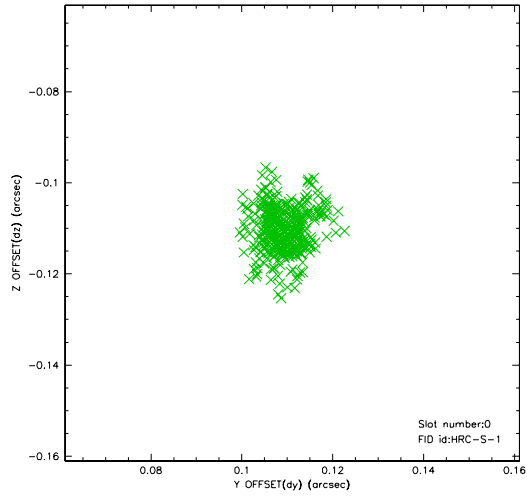


2.4.5 Slot 7

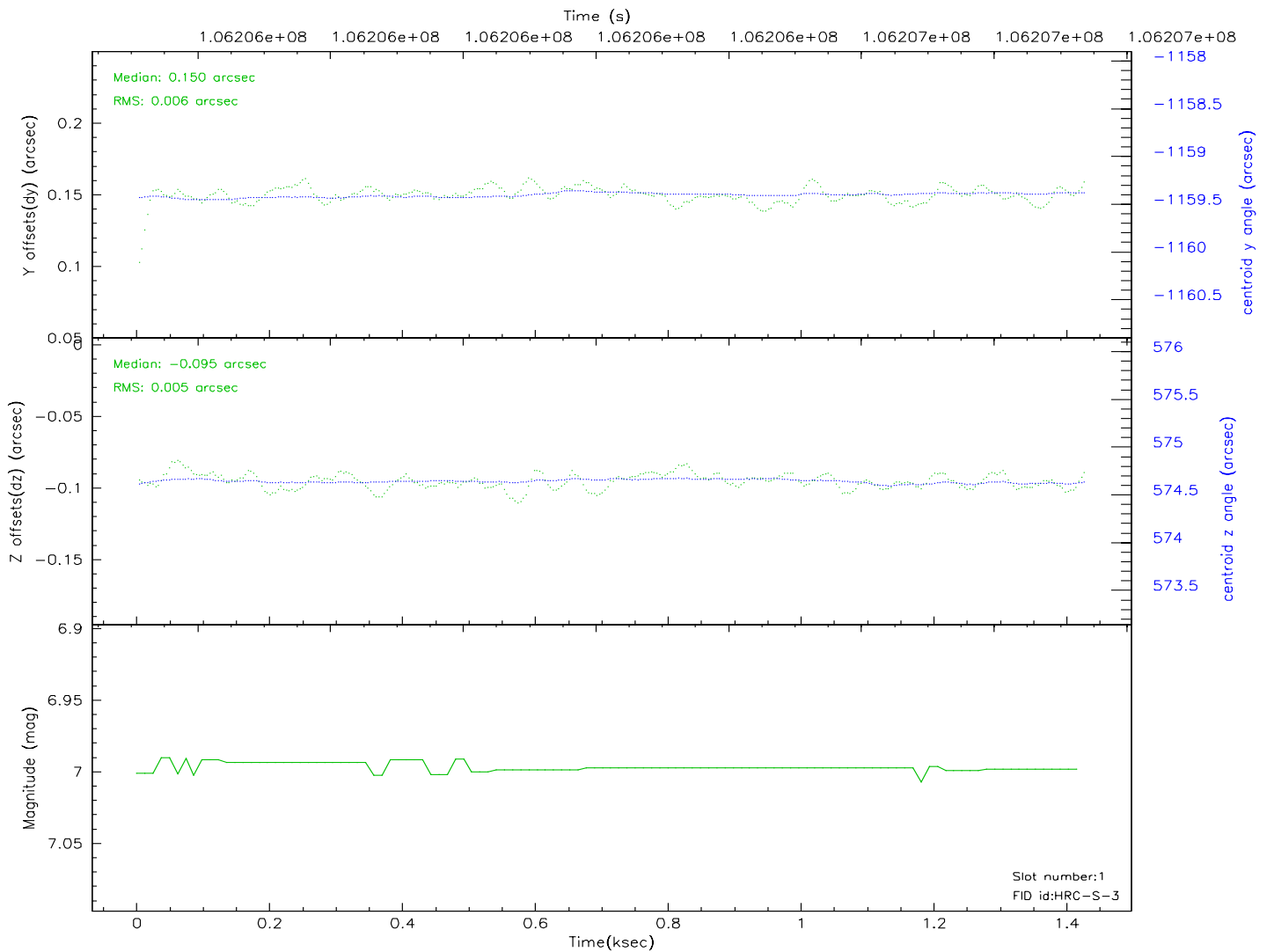
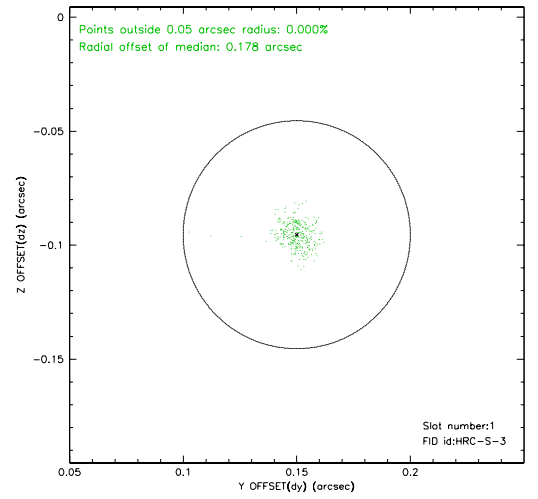
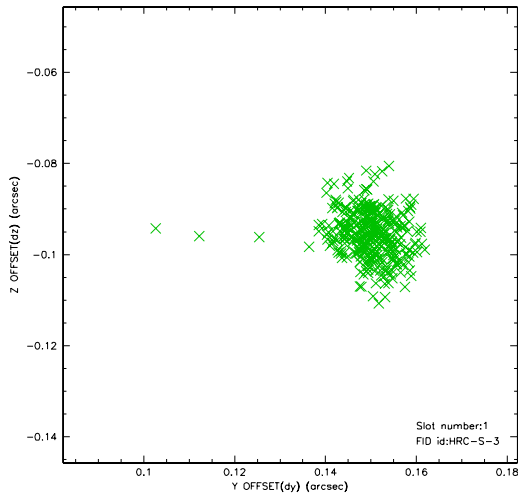


2.5 FID Slots

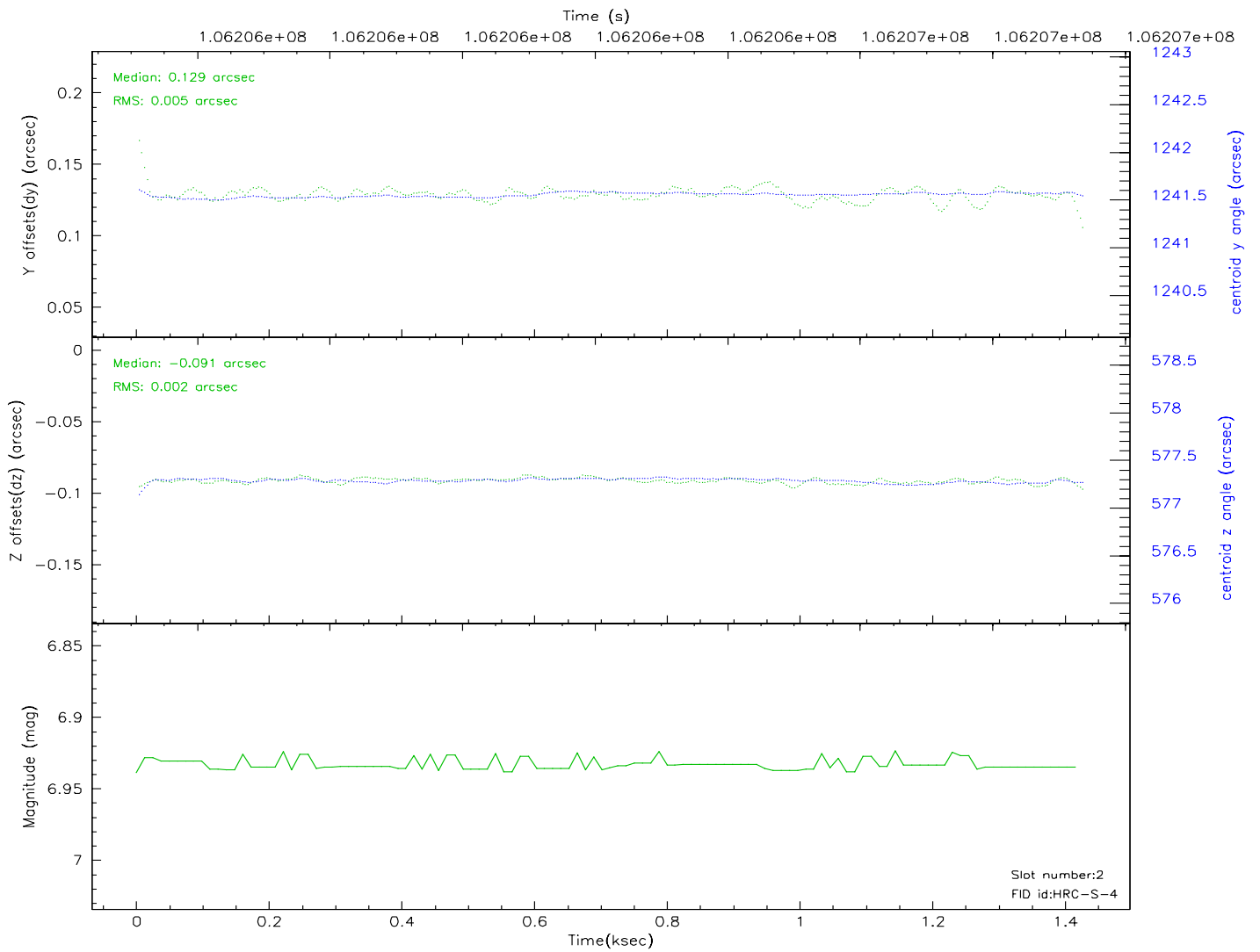
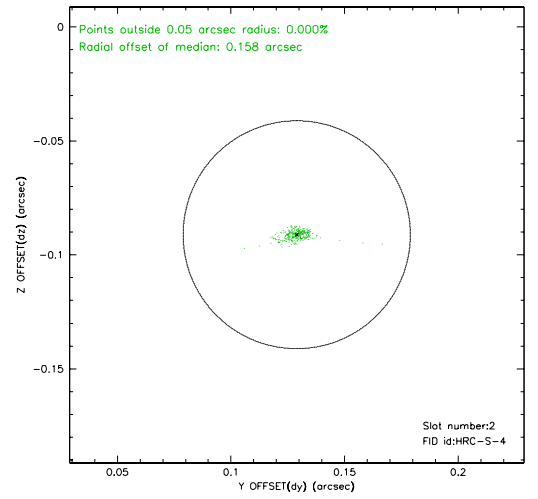
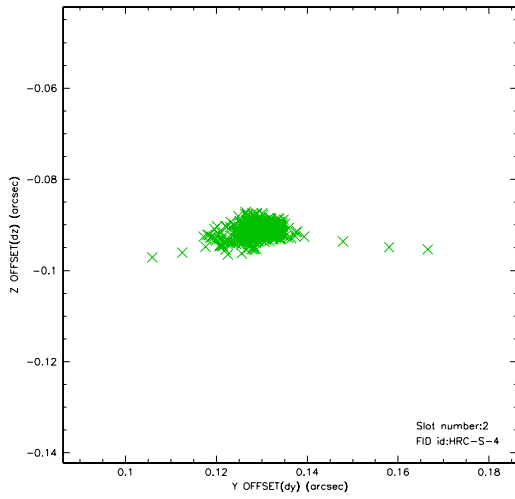
2.5.1 Slot 0



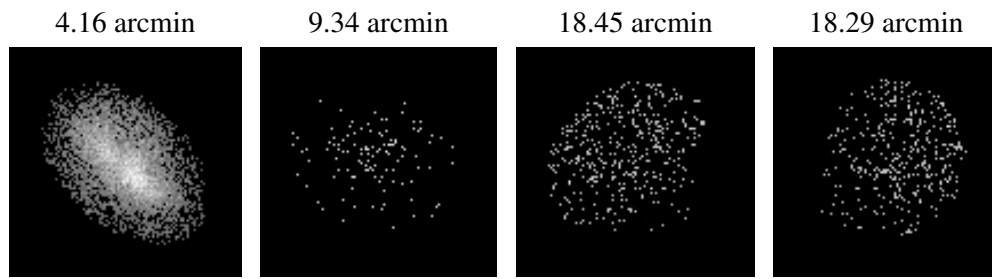
2.5.2 Slot 1



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