

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2435 - L2 Version 001
Chandra X-Ray Center

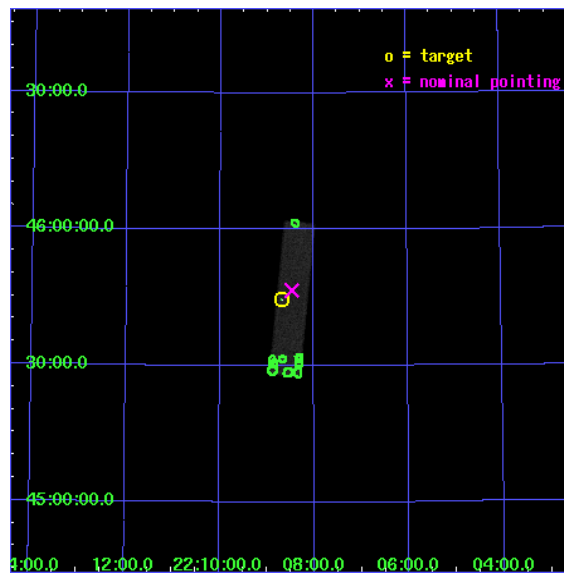
L2 Processing Date : Nov 21 2006

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

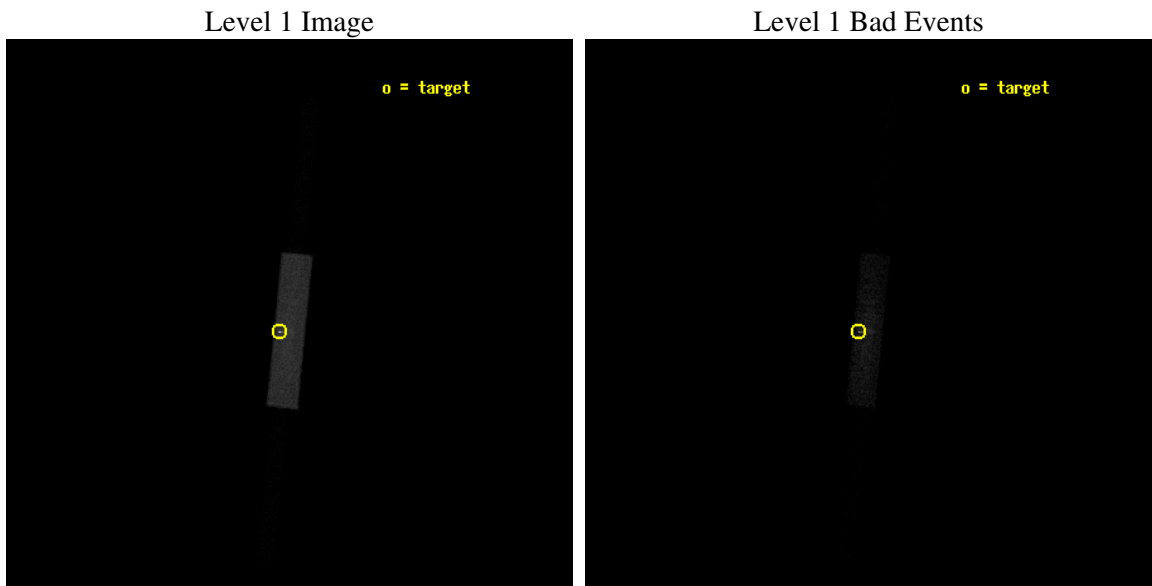
seq_num	290078
obs_id	2435
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.11672564527
dec_nom	45.776855826969
roll_nom	95.679734055756
revision	4
ontime	1375.8063034415
livetime	1368.5123661706
l2events	47962



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	2006-11-21T14:40:35
revision	3

sched_exp_time	1234.000000
ontime	1417.5750550628
l1events	80217

2.1.3 Events

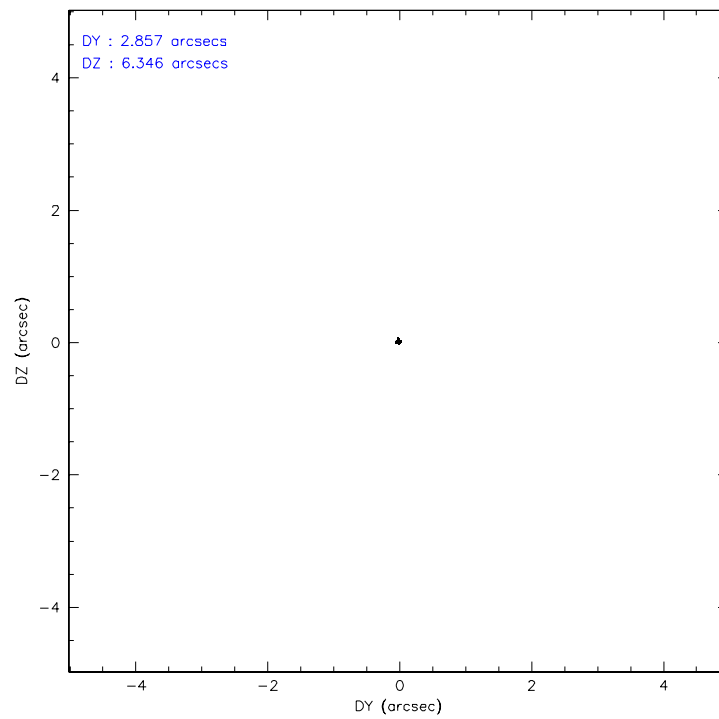
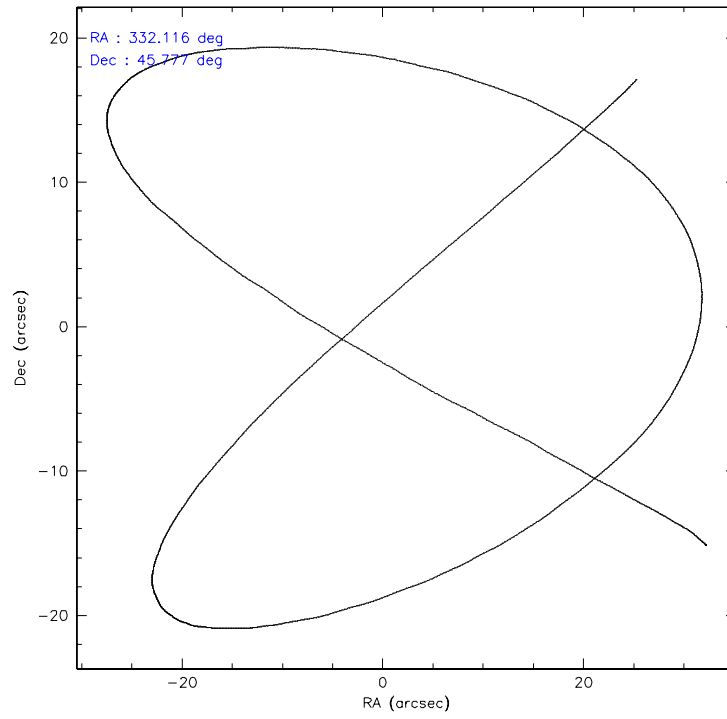
Level 1 Events

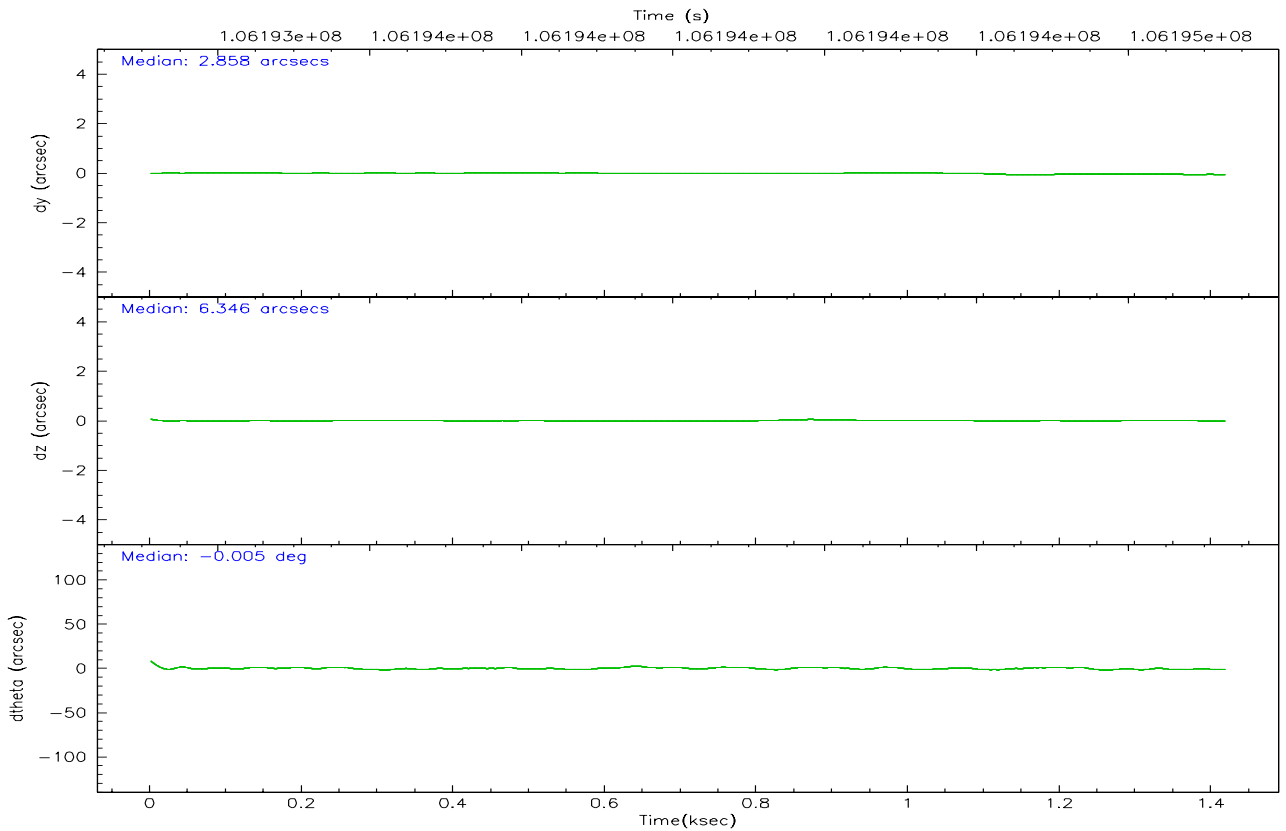
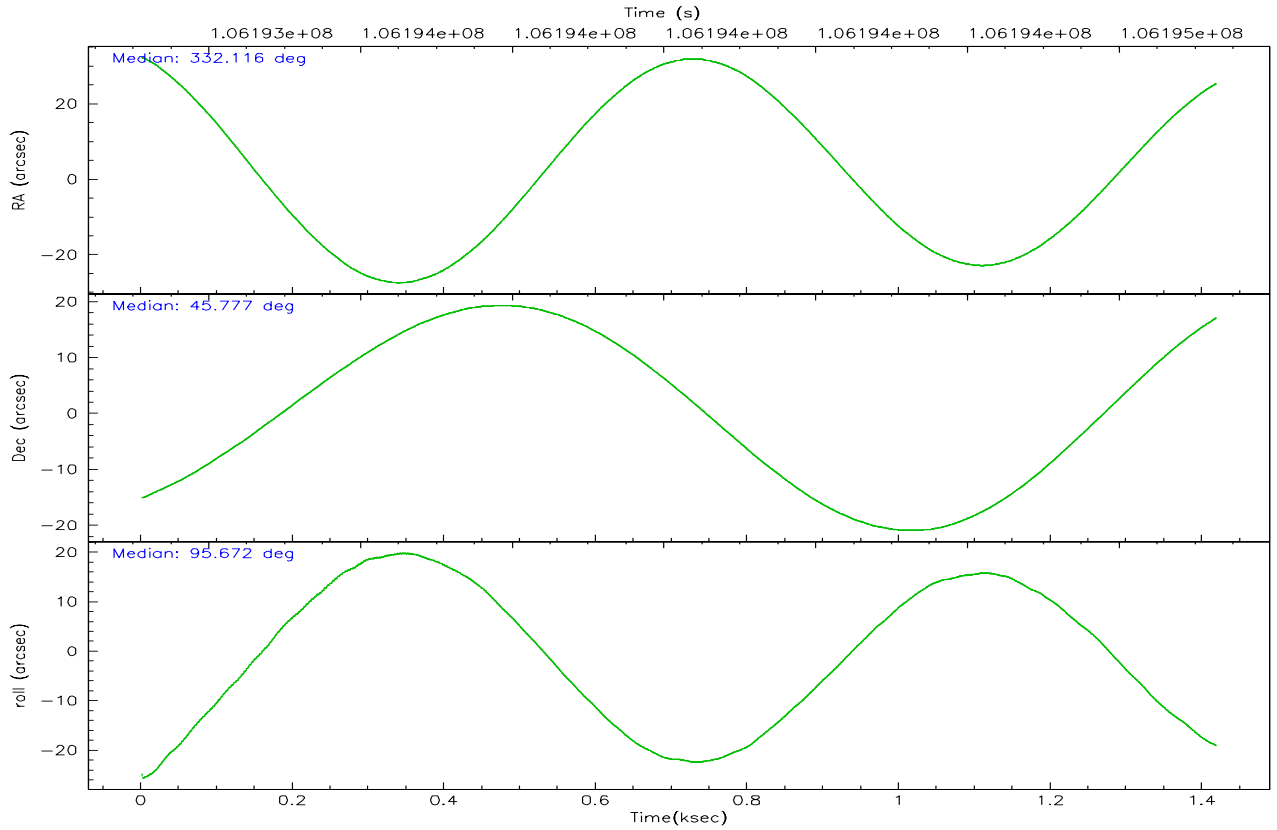
	segment 1	segment 2	segment 3
level 1 events	1106	78055	1056
rejected events	1106	26831	1056
rejected %	100%	34%	100%

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	332.142857	332.1167256452659			
Pointing Dec	45.754519	45.77685582696851			
Pointing Roll	95.593683	95.67973405575611			
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	106193499.184000	106193122.79539			
Observation start date	2001-05-14T02:10:35	2001-05-14T02:05:22			
Observation end time	106194733.184000	106194866.83296			
Observation end date	2001-05-14T02:31:09	2001-05-14T02:34:26			

2.3 Aspect



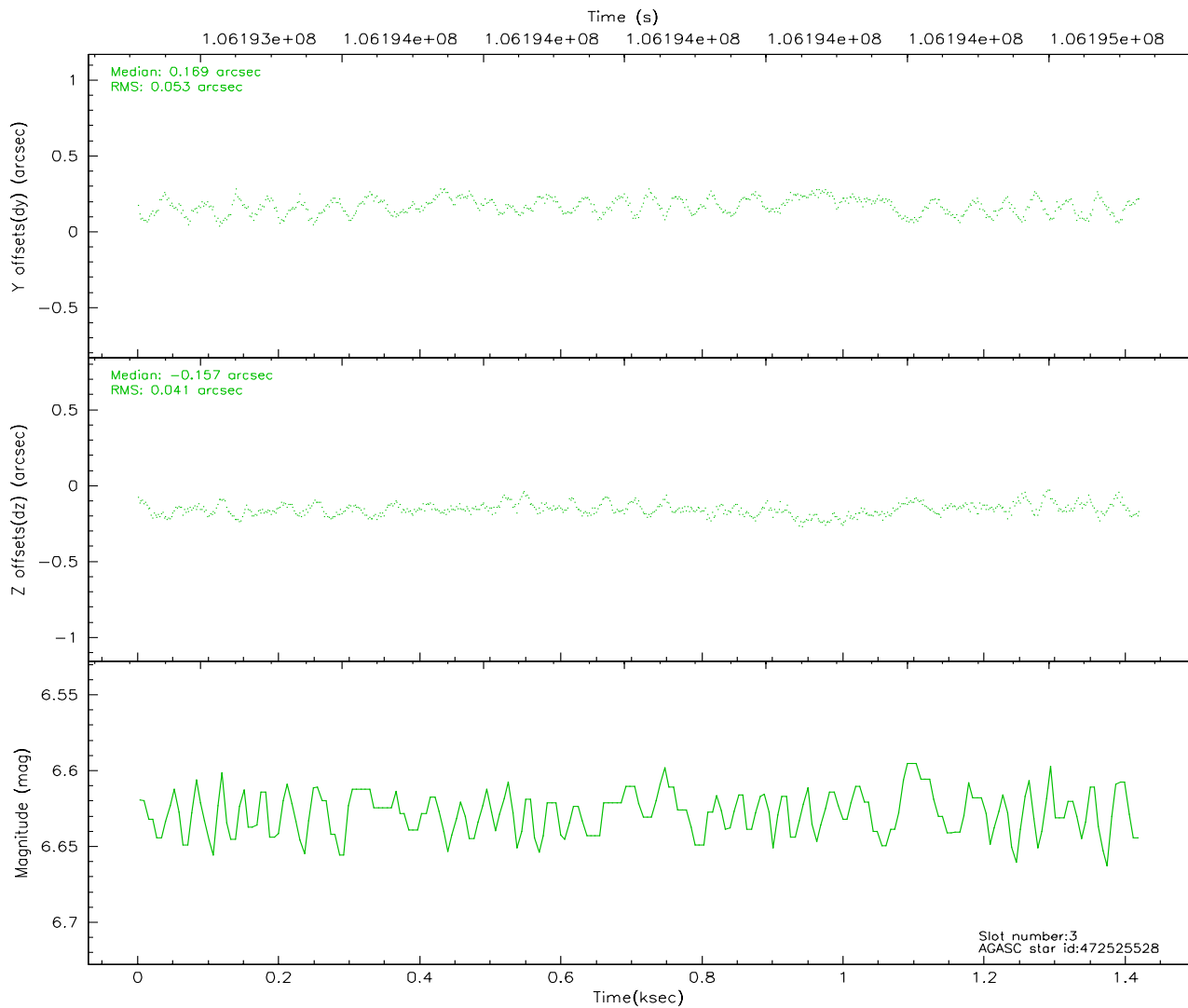
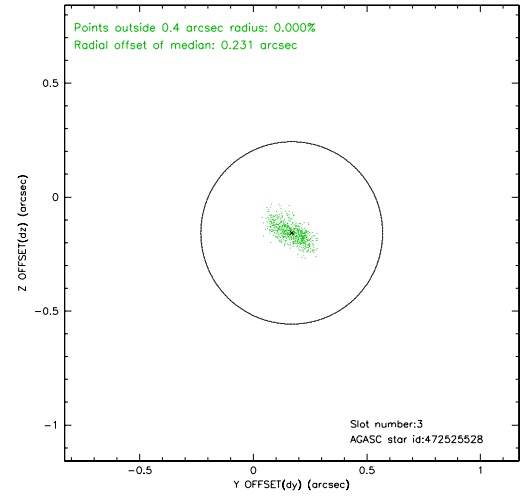
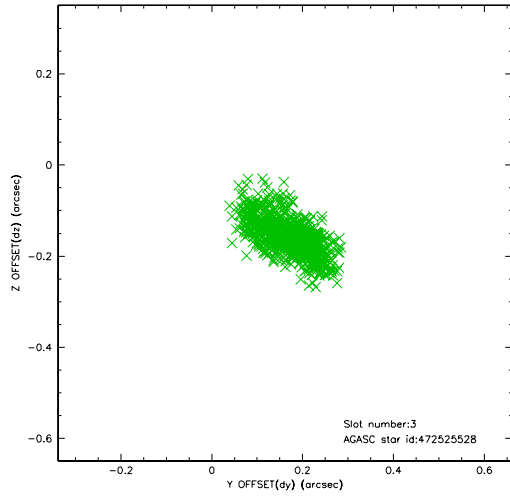


Slot Statistics

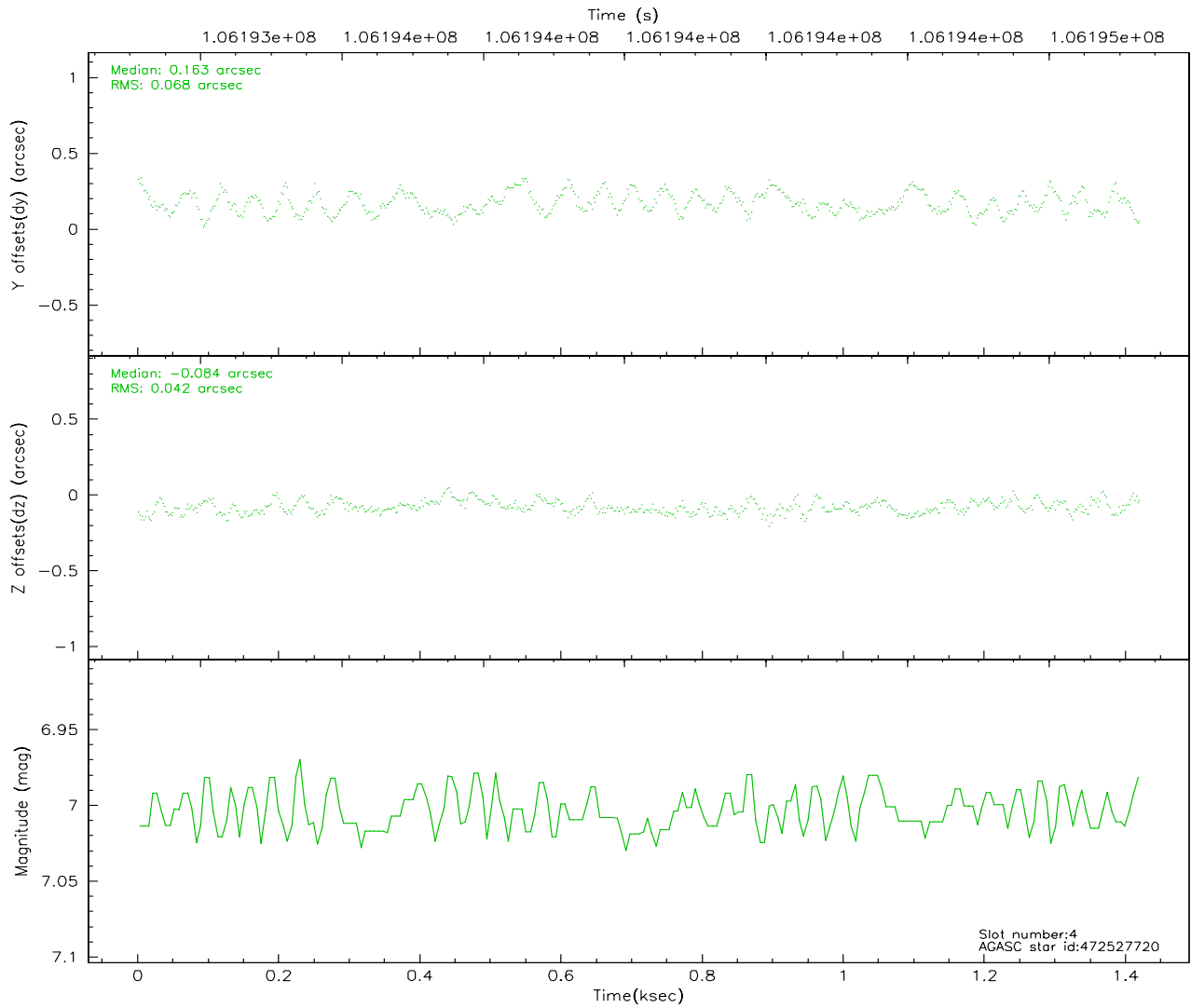
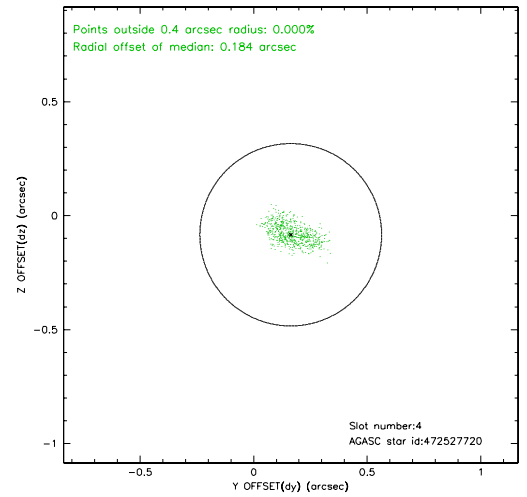
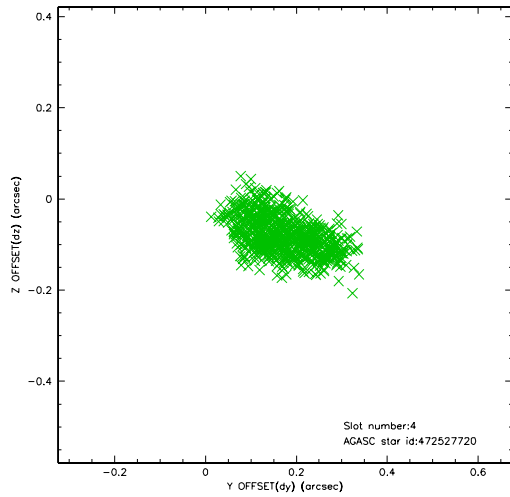
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	346	0.139	-0.107	0.005	0.009	0.000000	0.000000	-1156.87	-454.89
1	FID	HRC-S-2	6.98	346	0.119	-0.154	0.008	0.014	0.000000	0.000000	1239.45	-448.84
2	FID	HRC-S-4	6.93	346	0.145	-0.043	0.009	0.013	0.000000	0.000000	1244.96	576.02
3	GUIDE	472525528	6.63	693	0.169	-0.157	0.071	0.117	331.551102	45.248694	-1660.65	1667.14
4	GUIDE	472527720	7.00	693	0.163	-0.084	0.087	0.138	331.460205	45.112509	-2126.35	1950.62
5	GUIDE	472535576	7.85	693	-0.175	-0.113	0.048	0.077	331.438373	46.291802	2100.15	1555.70
6	GUIDE	472665256	9.01	693	-0.100	0.247	0.072	0.114	332.808125	46.195041	1426.86	-1804.66
7	GUIDE	472659832	9.46	690	-0.075	0.101	0.088	0.144	332.780399	46.098139	1084.69	-1709.72

2.4 Star Slots

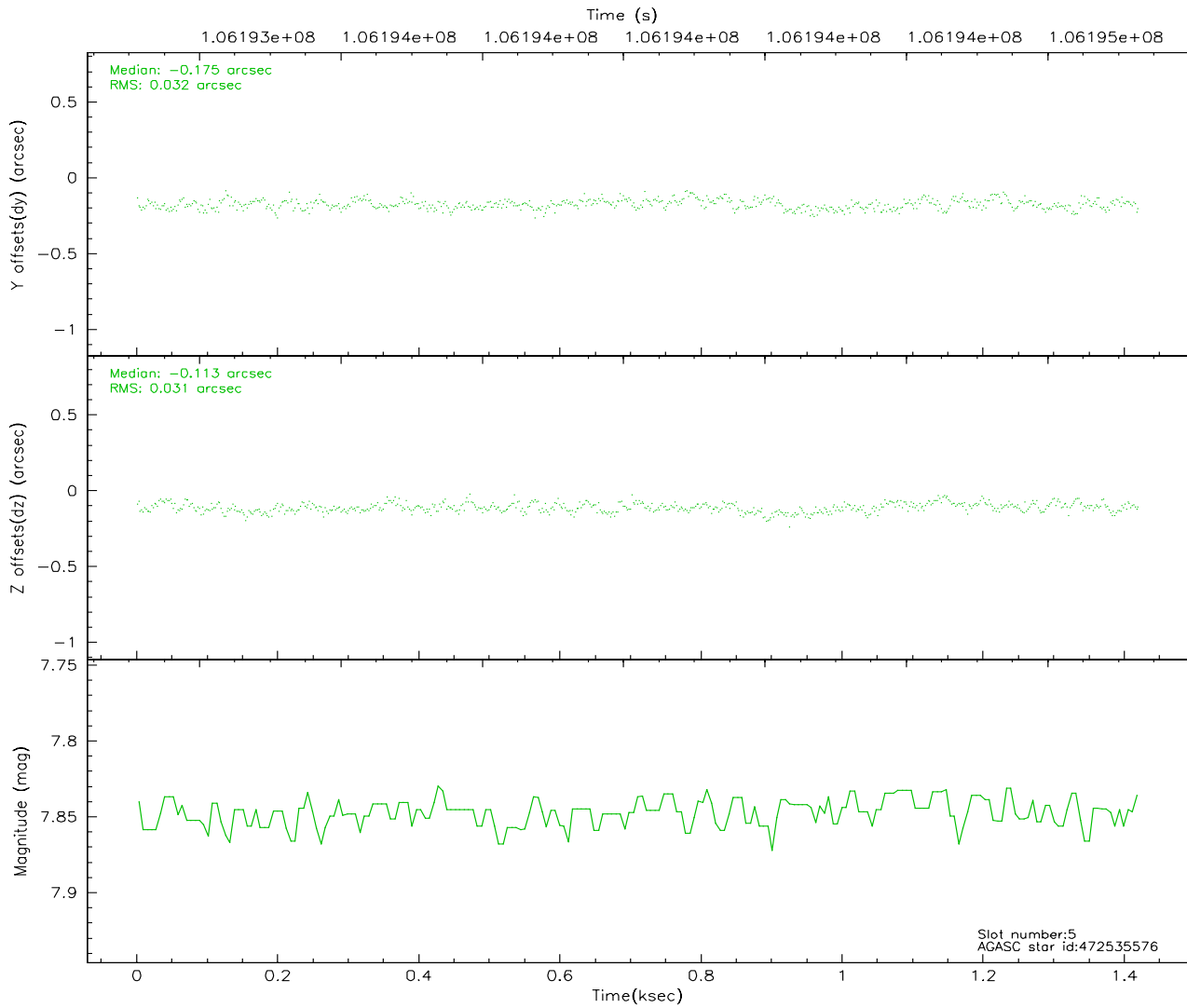
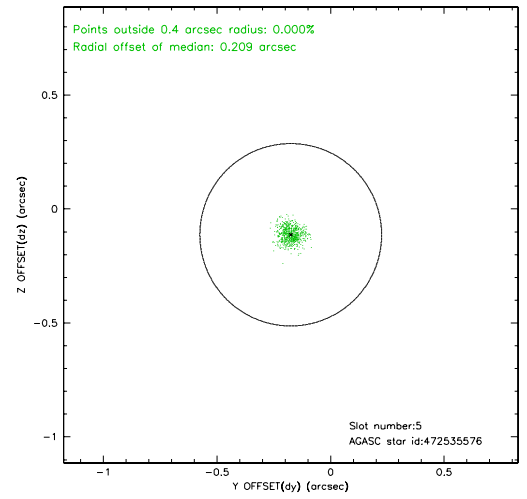
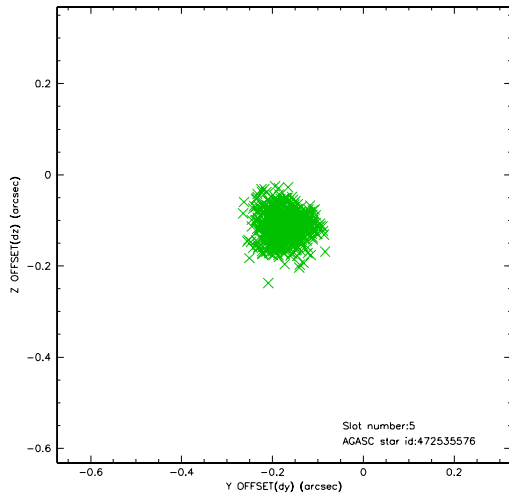
2.4.1 Slot 3



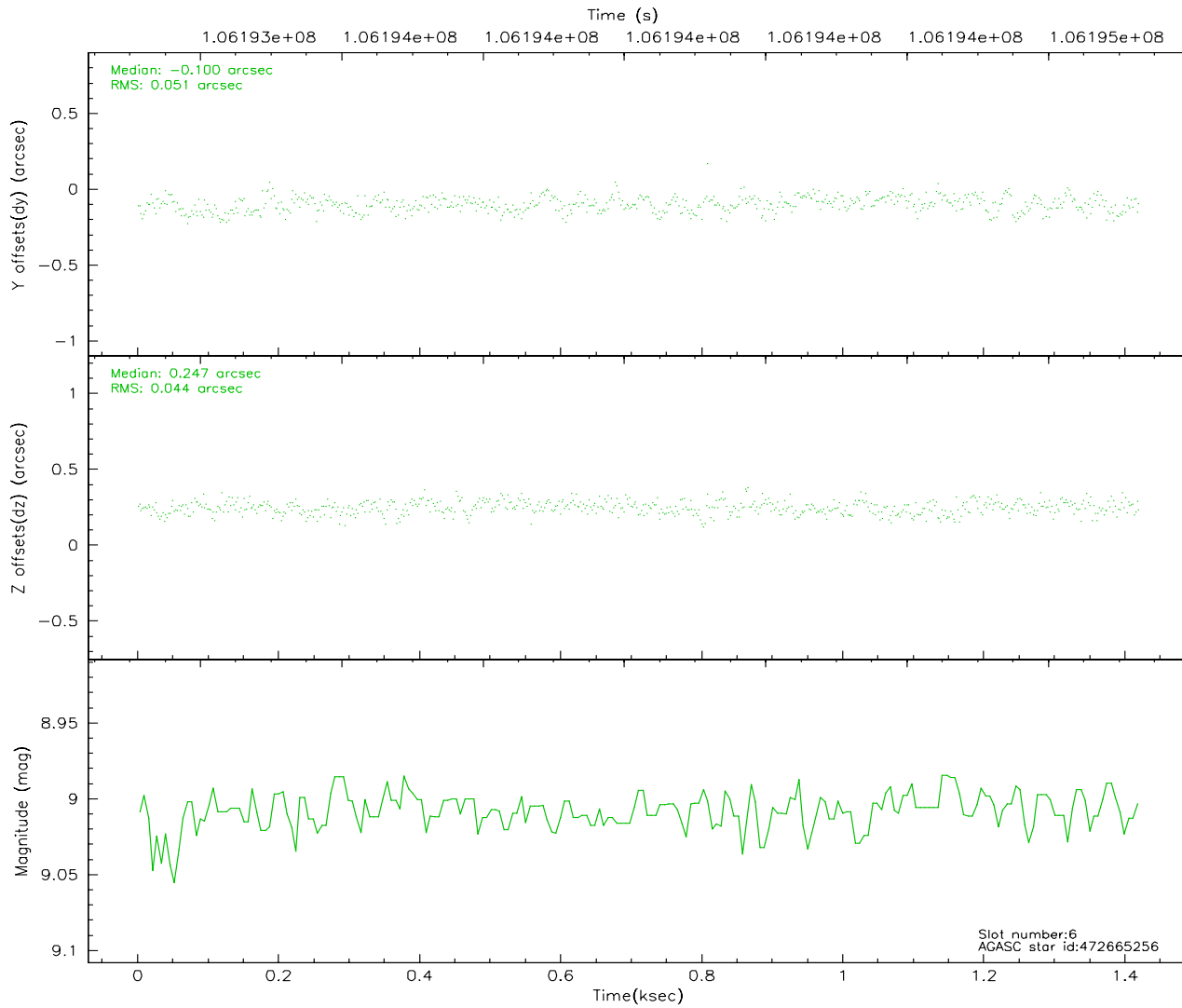
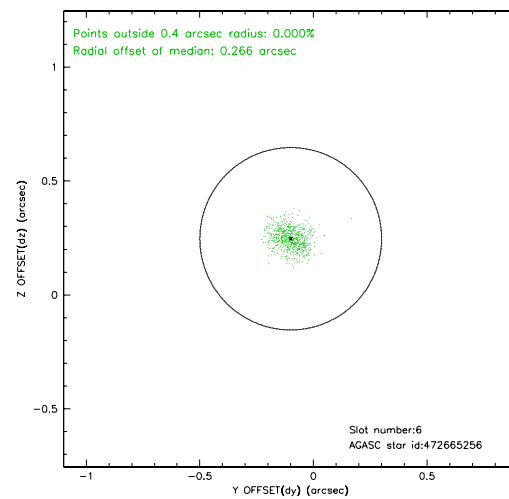
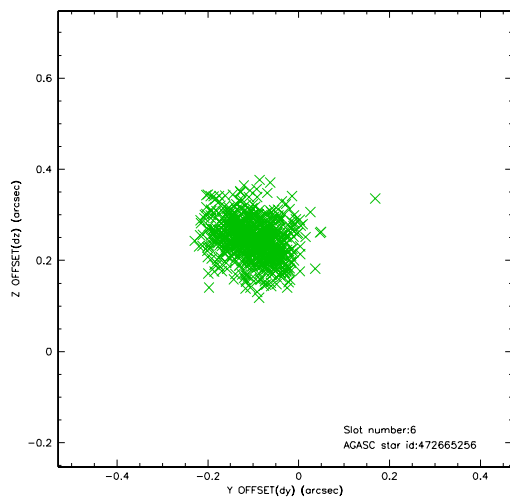
2.4.2 Slot 4



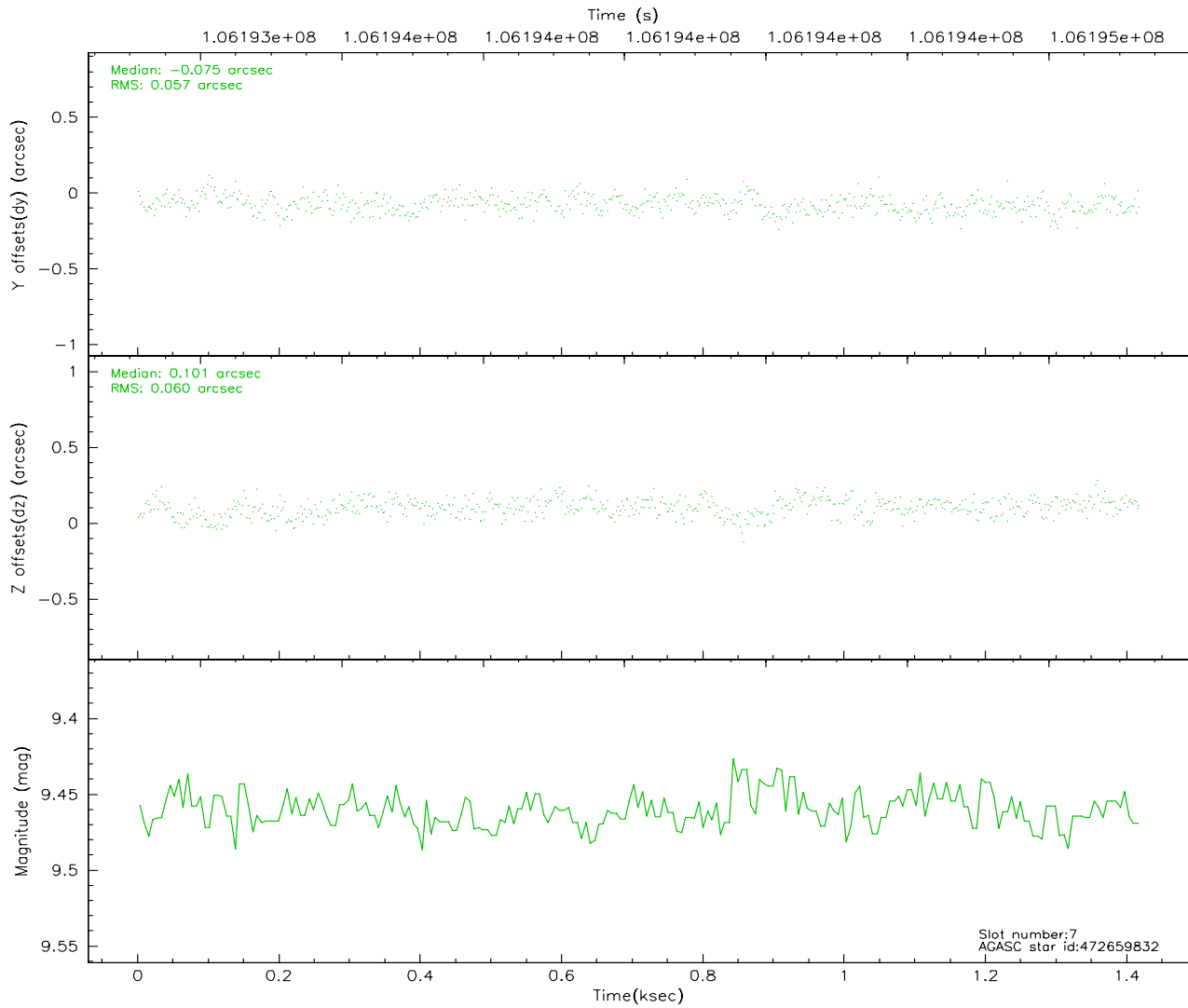
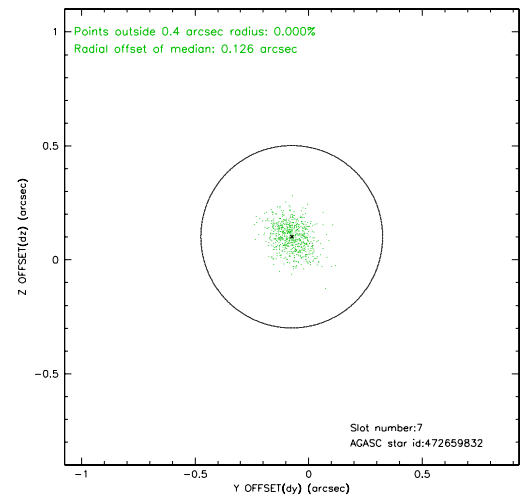
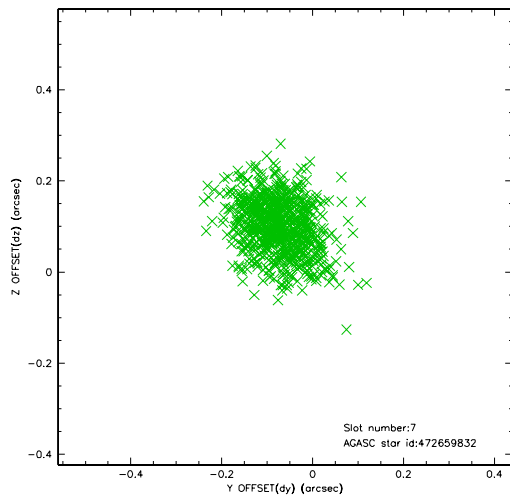
2.4.3 Slot 5



2.4.4 Slot 6

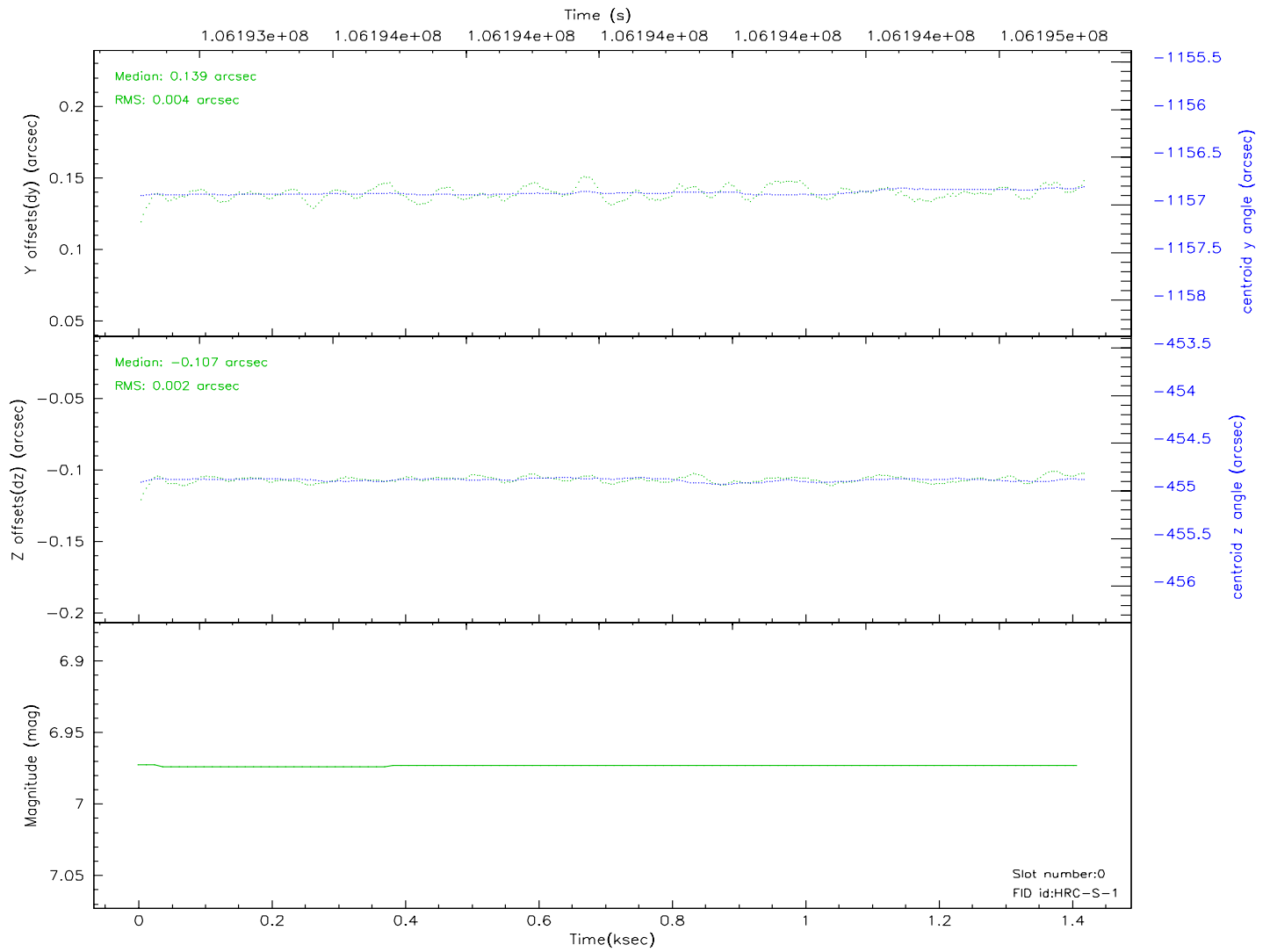
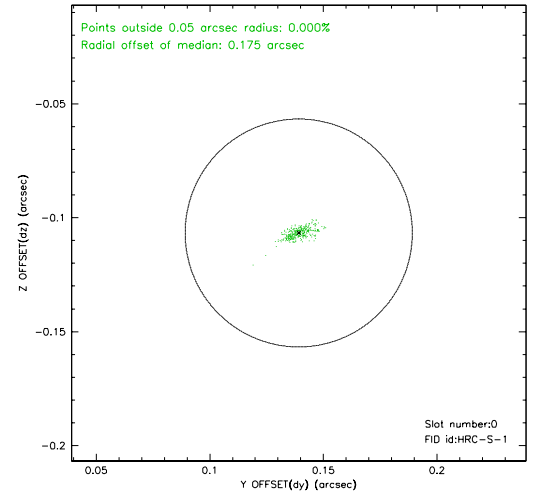
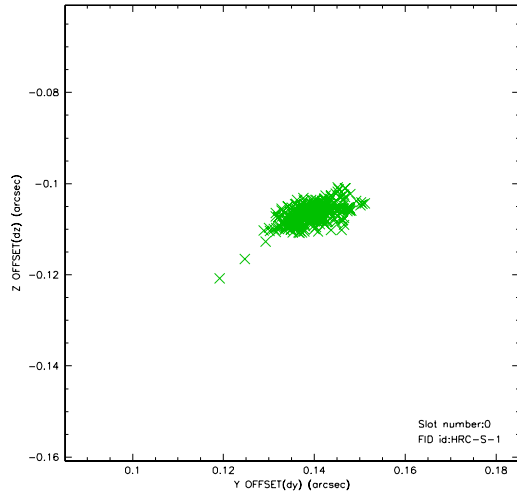


2.4.5 Slot 7

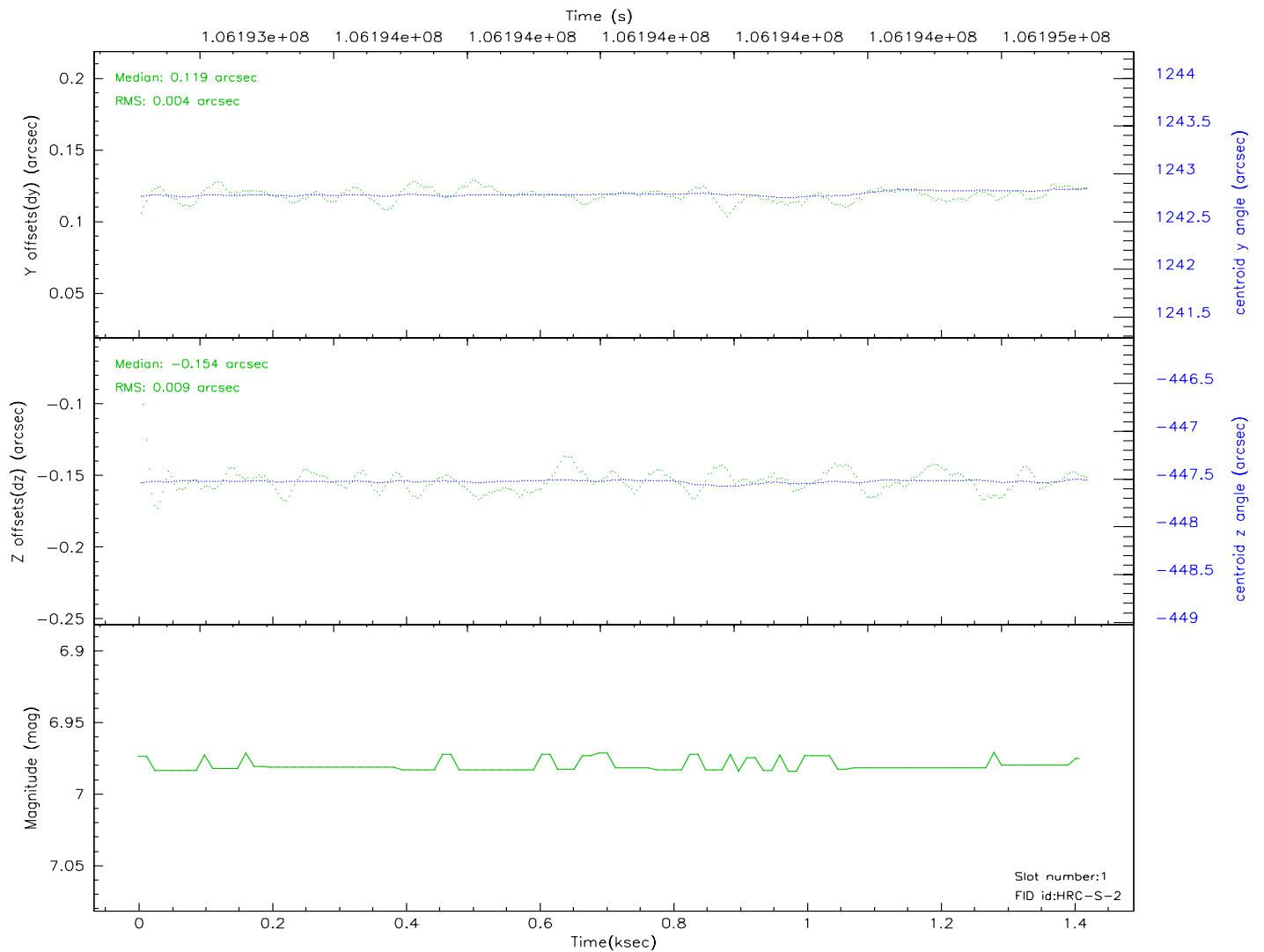
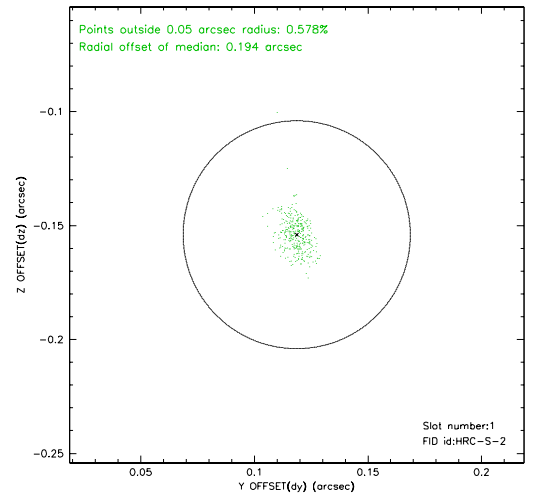
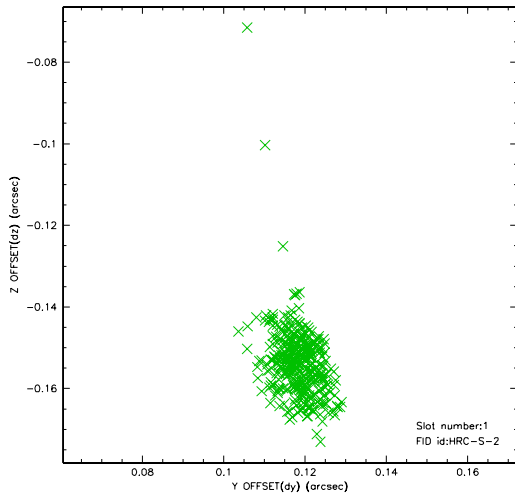


2.5 FID Slots

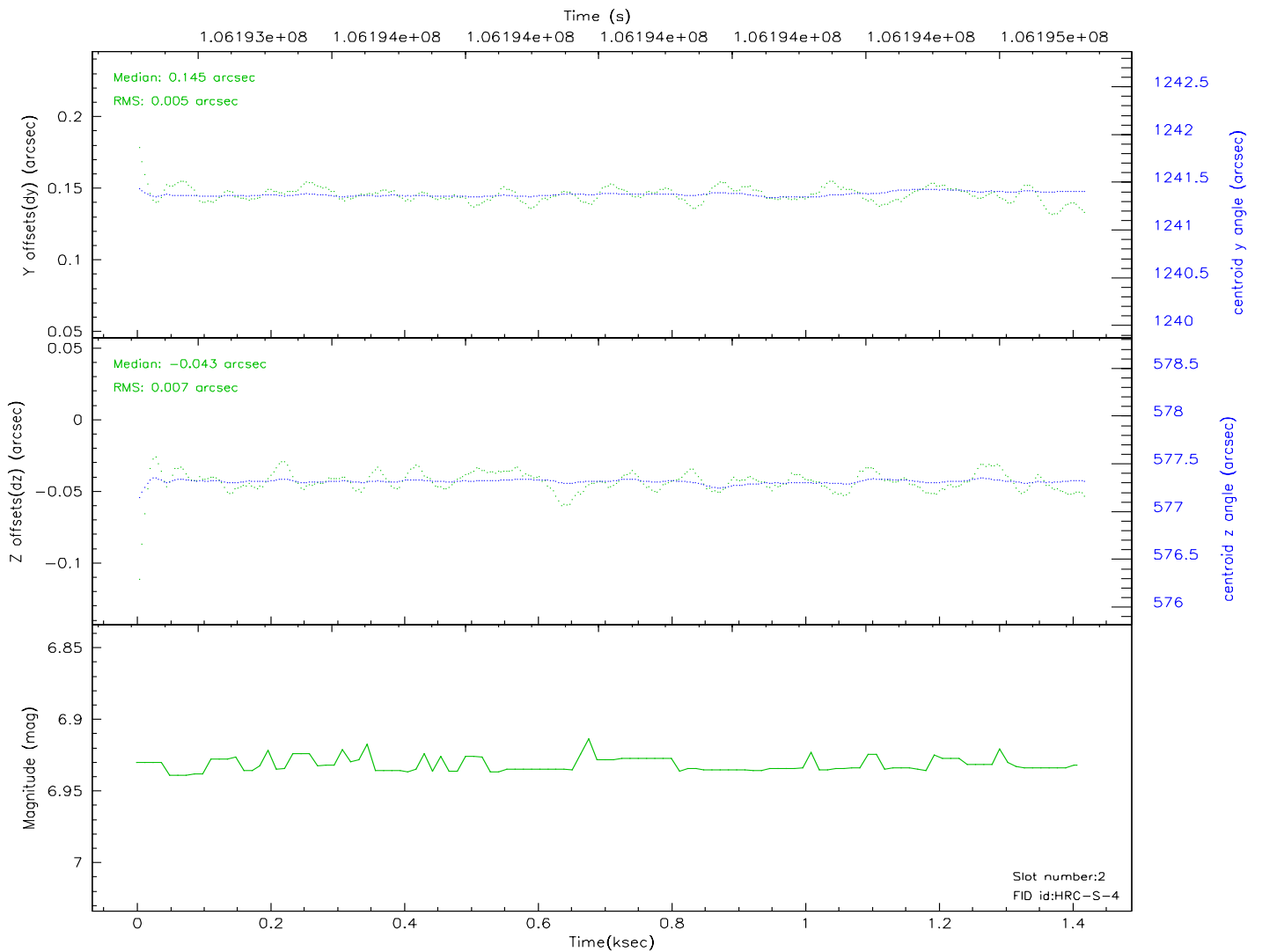
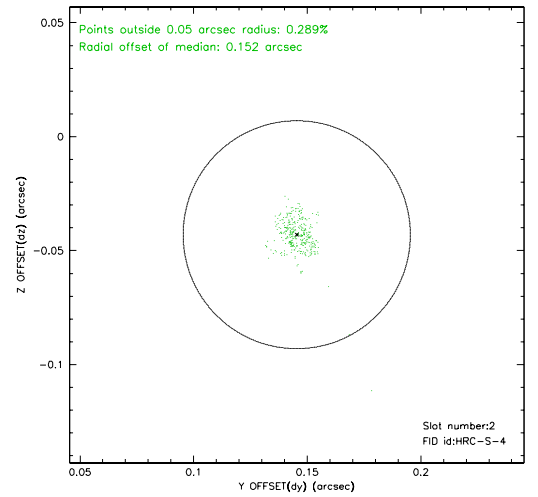
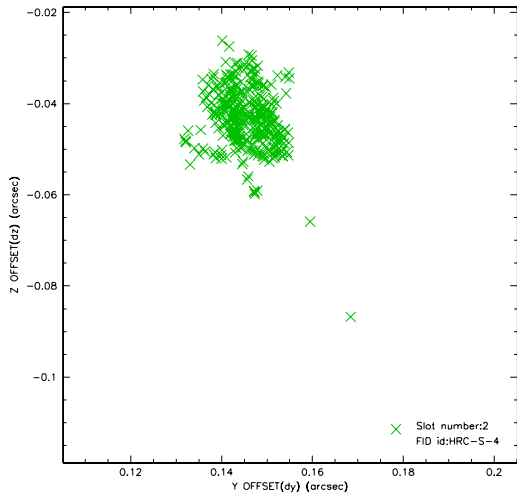
2.5.1 Slot 0



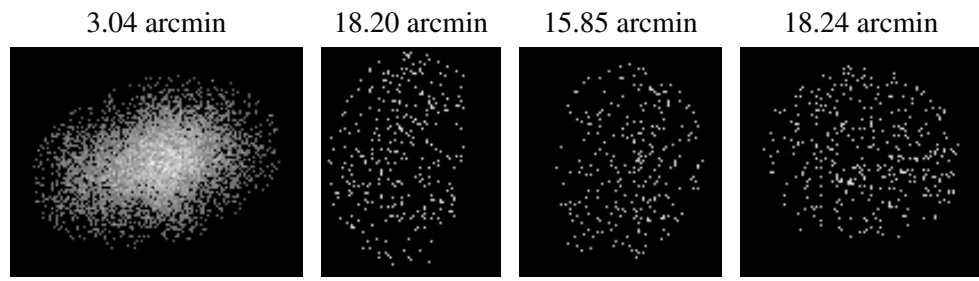
2.5.2 Slot 1



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	1.411

A.2 Comments