

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5092 - L2 Version 001
Chandra X-Ray Center

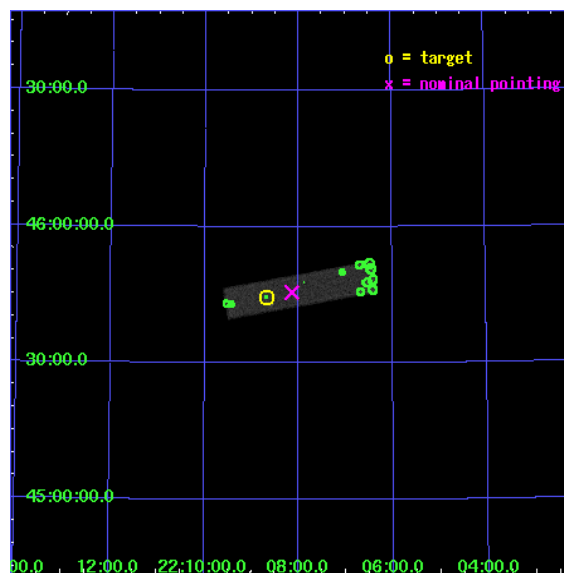
L2 Processing Date : Jun 4 2006

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1 Front

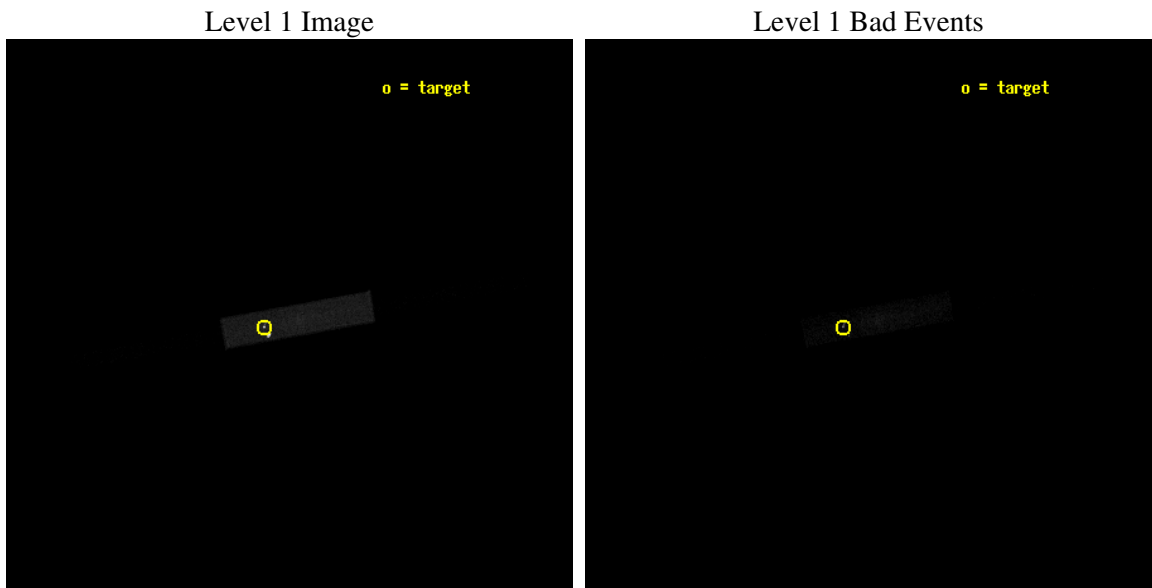
seq_num	290365
obs_id	5092
title	AO5A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.03562853529
dec_nom	45.759957877659
roll_nom	349.75576557566
revision	2
ontime	1088.8062976003
livetime	1077.1053111112
l2events	40206



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T17:15:59
revision	2

sched_exp_time	946.000000
ontime	1126.4750492275
l1events	112370

2.1.3 Events

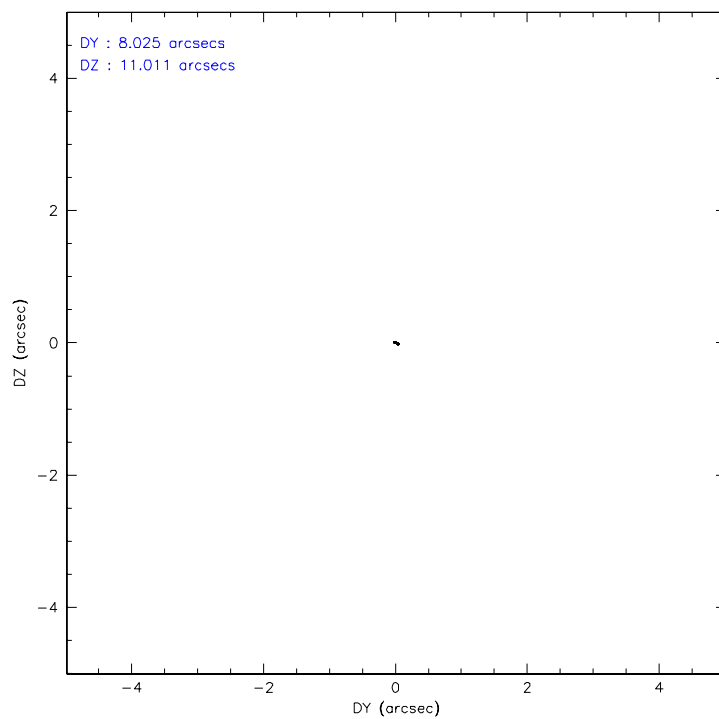
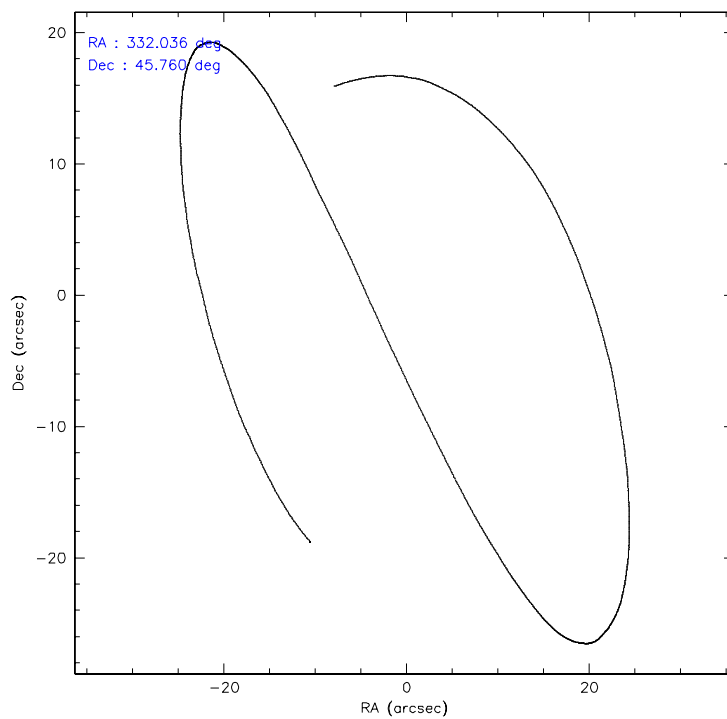
Level 1 Events

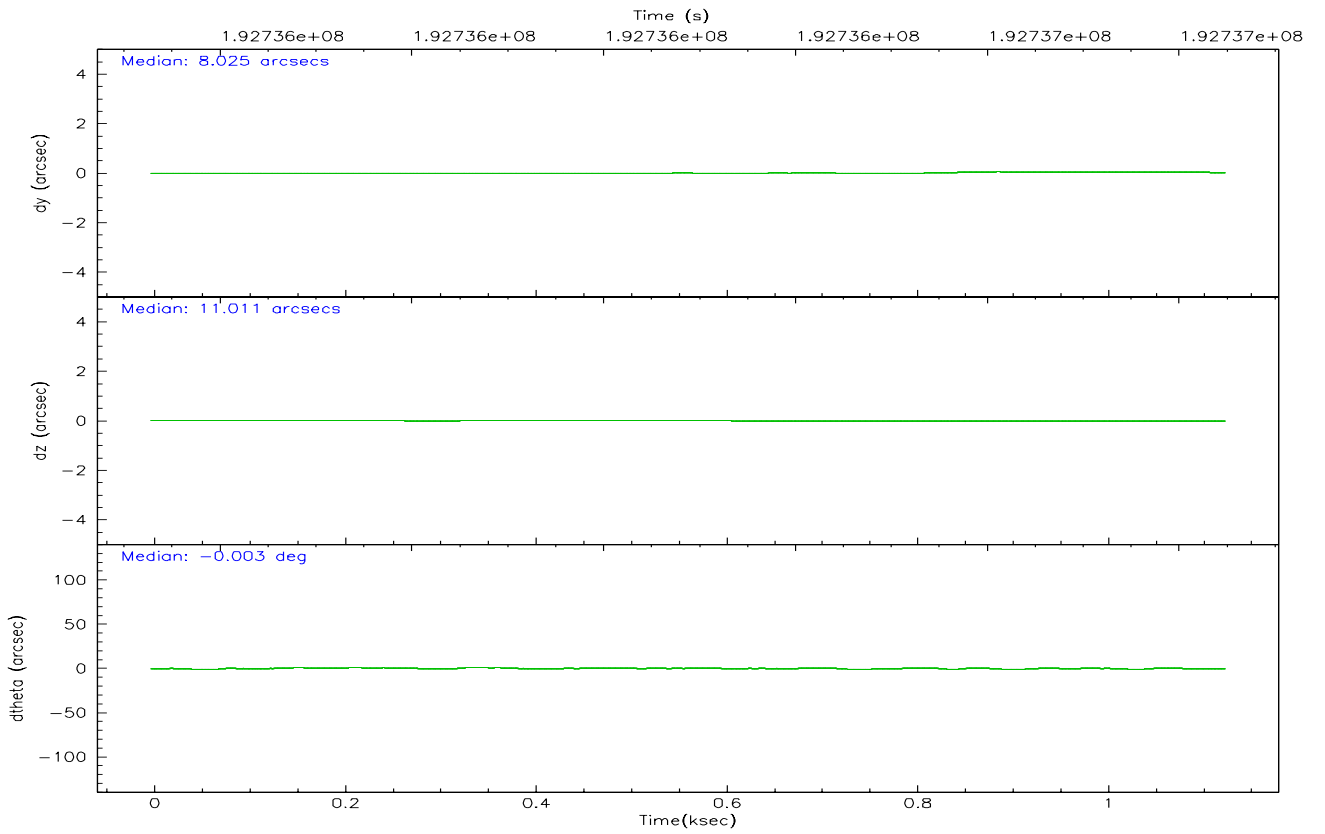
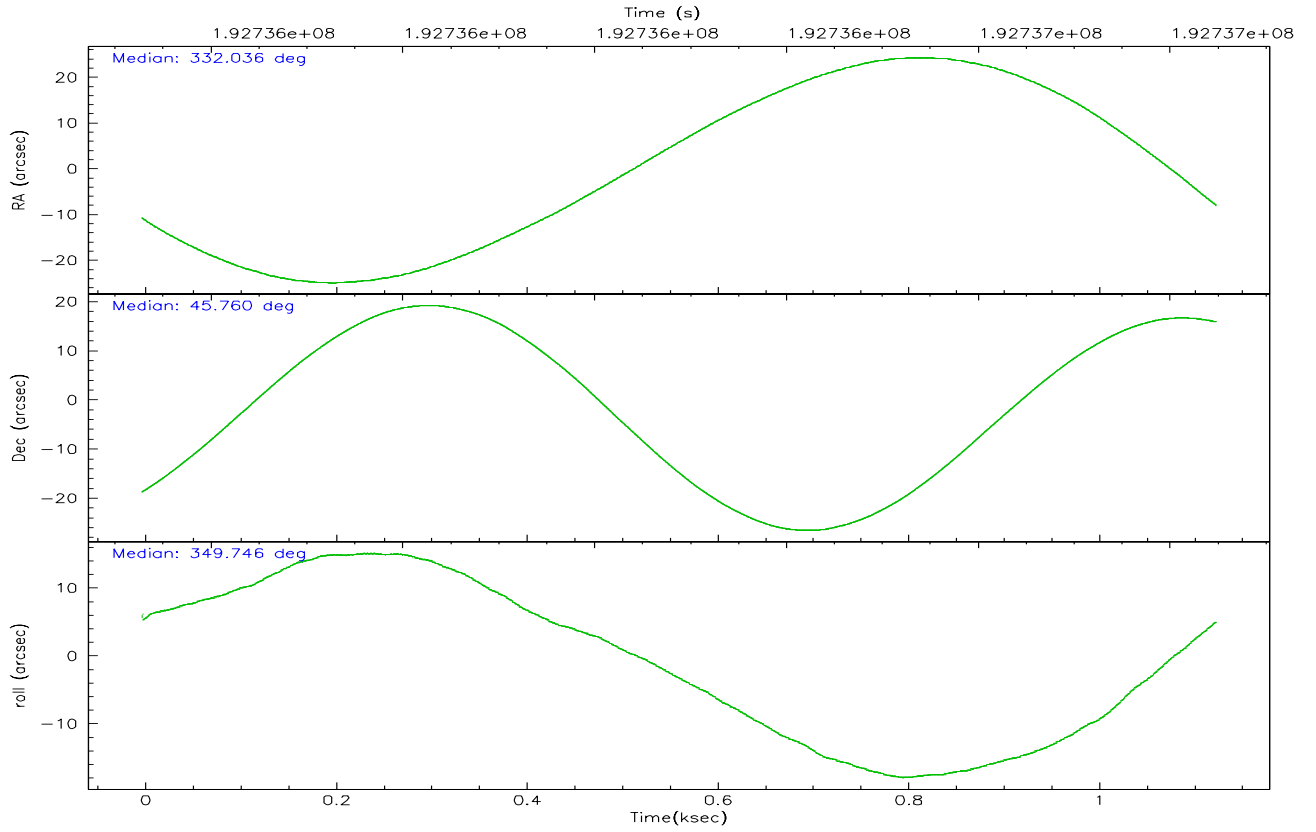
	segment 1	segment 2	segment 3
level 1 events	1158	110040	1172
rejected events	1158	30376	1172
rejected %	100%	27%	100%

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	331.997745	332.0356285352919			
Pointing Dec	45.748334	45.75995787765876			
Pointing Roll	349.715625	349.7557655756556			
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	192735905.184000	192735528.6727			
Observation start date	2004-02-09T17:44:01	2004-02-09T17:38:48			
Observation end time	192736851.184000	192736985.19776			
Observation end date	2004-02-09T17:59:47	2004-02-09T18:03:05			

2.3 Aspect



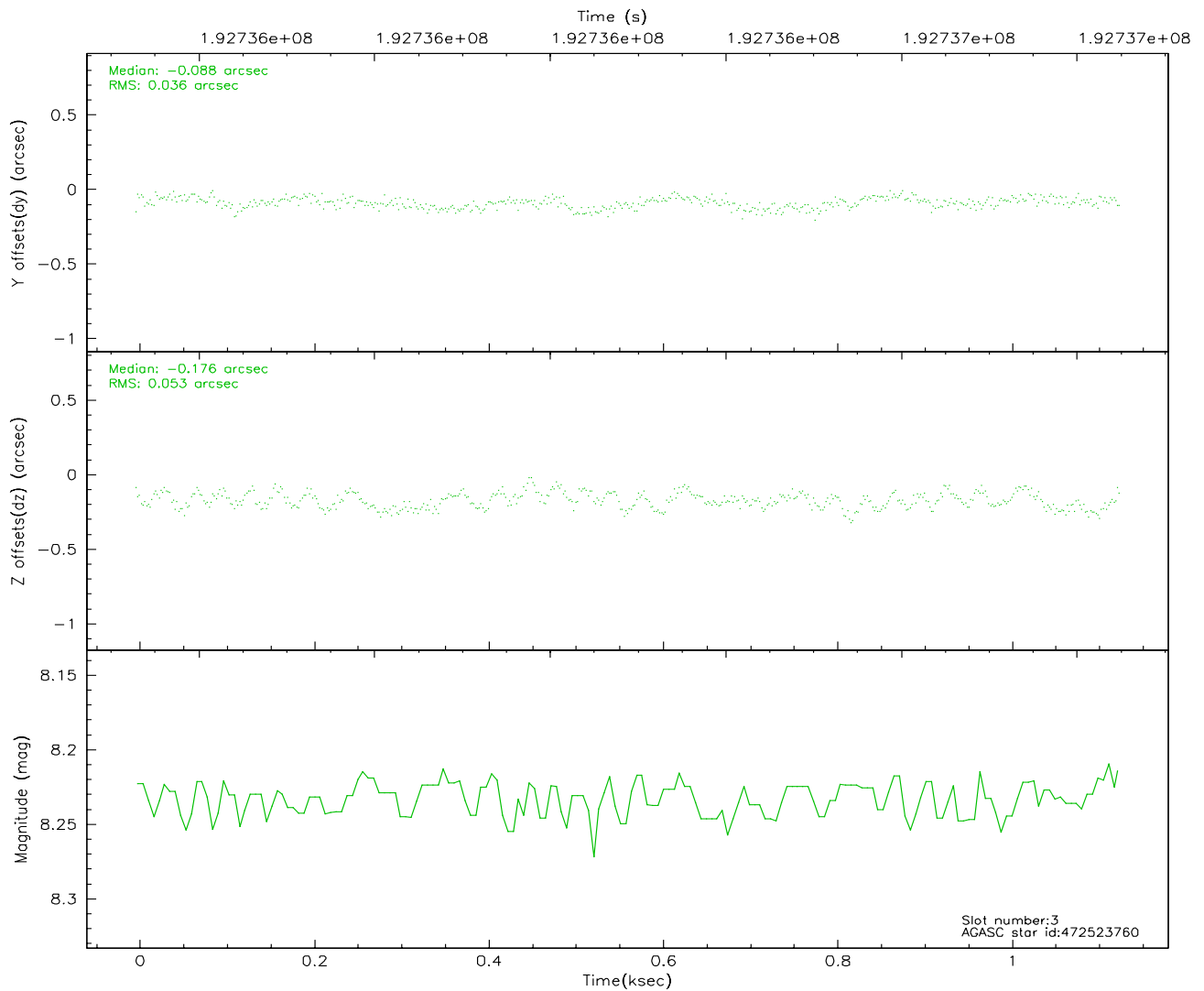
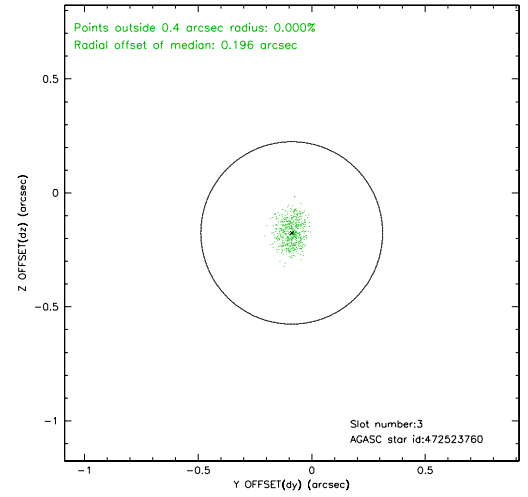
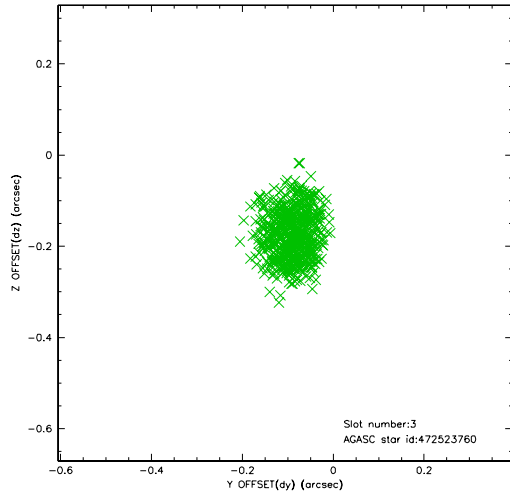


Slot Statistics

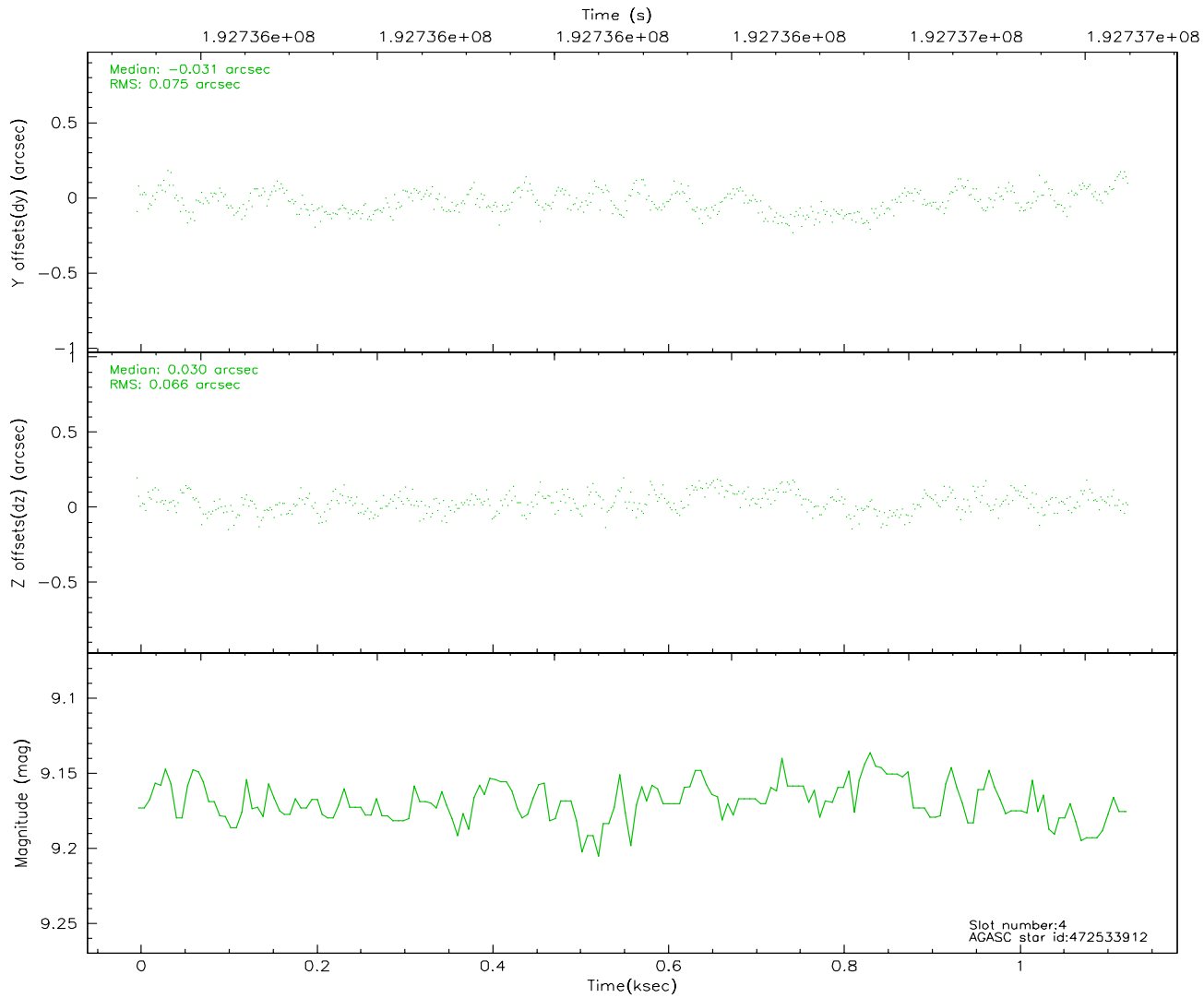
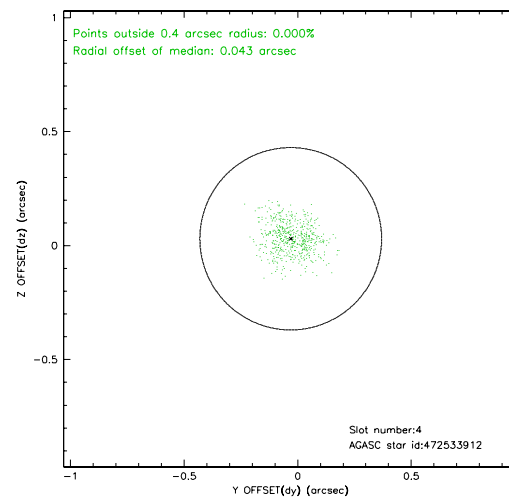
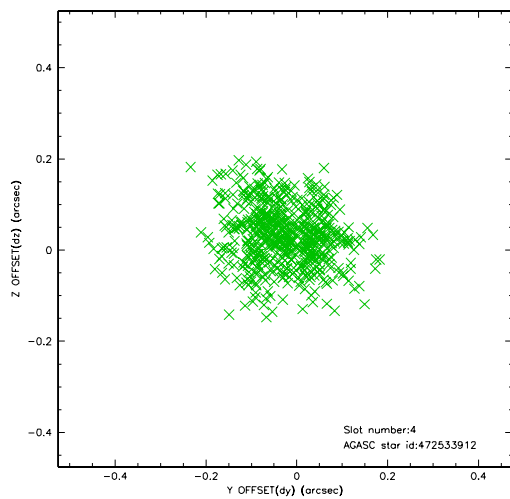
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	275	0.151	-0.167	0.007	0.012	0.000000	0.000000	-1162.19	-459.72
1	FID	HRC-S-2	7.03	275	0.130	-0.109	0.005	0.009	0.000000	0.000000	1233.24	-454.00
2	FID	HRC-S-3	7.04	275	0.110	-0.025	0.008	0.014	0.000000	0.000000	-1160.45	568.30
3	GUIDE	472523760	8.23	551	-0.088	-0.176	0.070	0.106	331.645363	45.403260	-654.32	-1381.86
4	GUIDE	472533912	9.17	550	-0.031	0.030	0.108	0.169	331.791136	46.368695	-904.88	2101.65
5	GUIDE	472654568	9.43	551	-0.031	0.005	0.116	0.189	332.194449	45.063576	931.43	-2333.80
6	GUIDE	472655152	9.43	551	0.105	0.031	0.093	0.151	332.504239	45.862991	1177.19	630.62
7	GUIDE	472659832	9.46	550	0.050	0.090	0.096	0.162	332.780399	46.098139	1698.27	1596.76

2.4 Star Slots

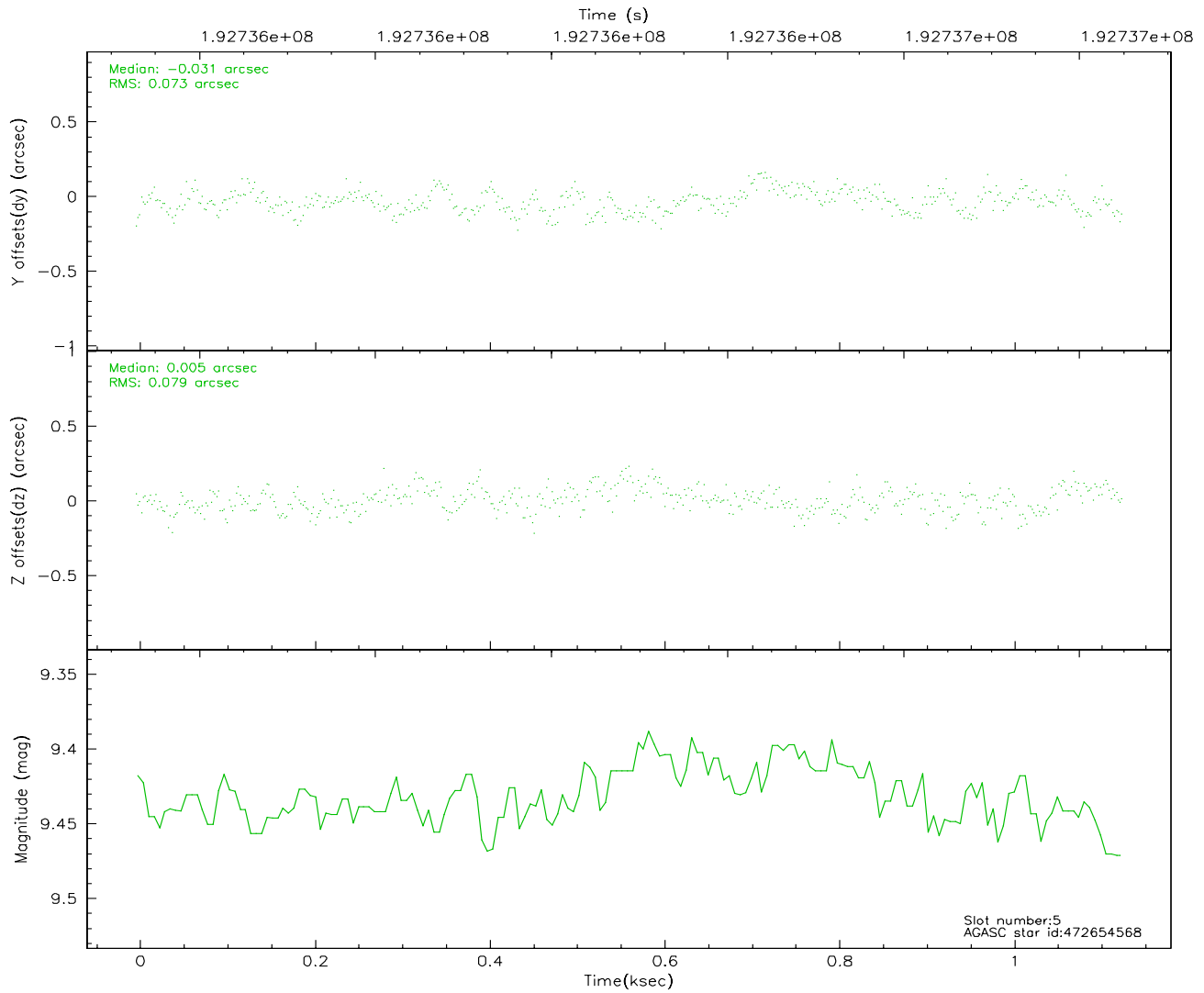
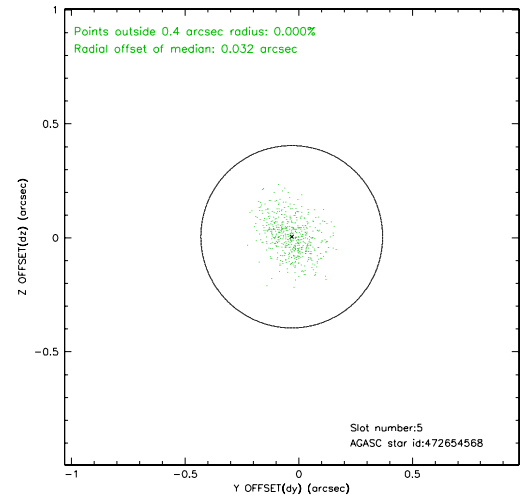
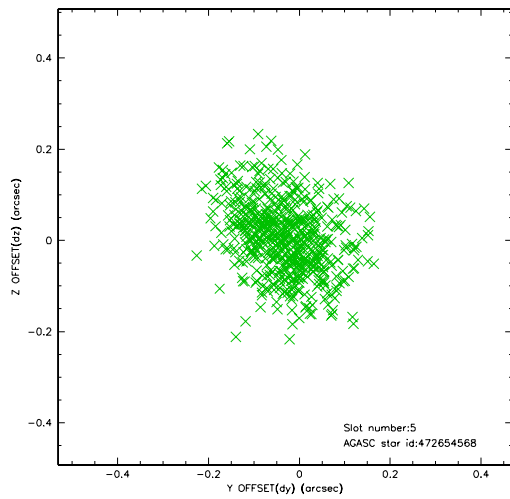
2.4.1 Slot 3



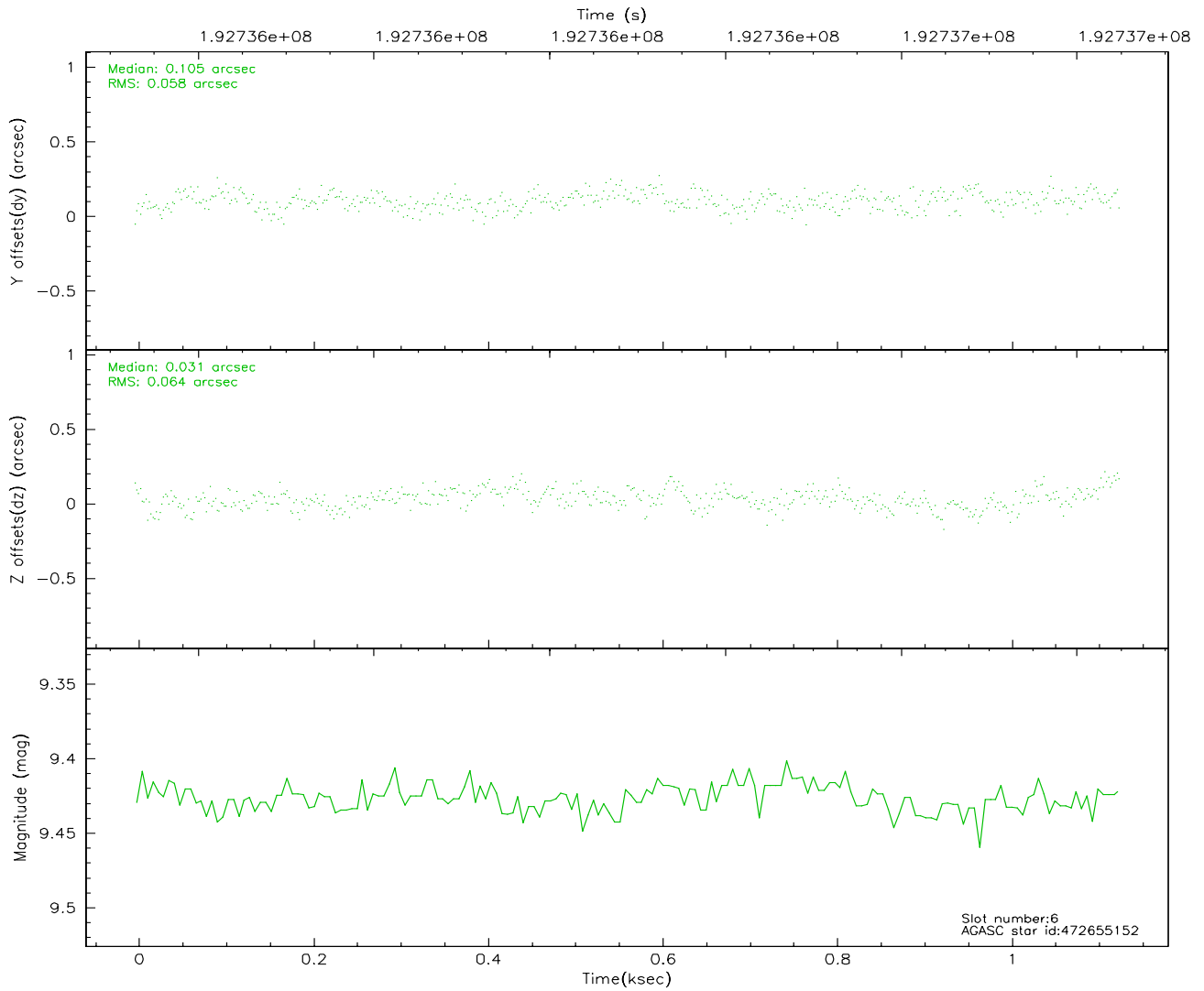
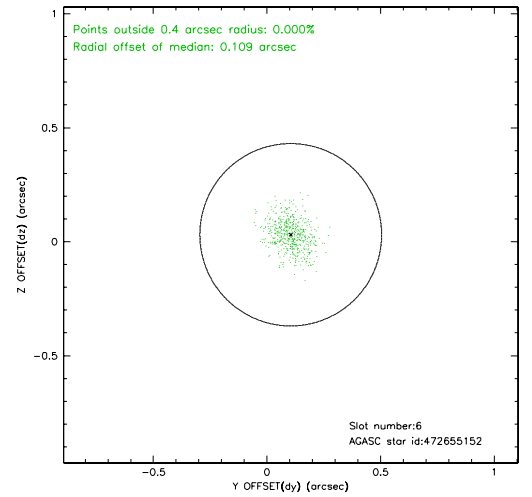
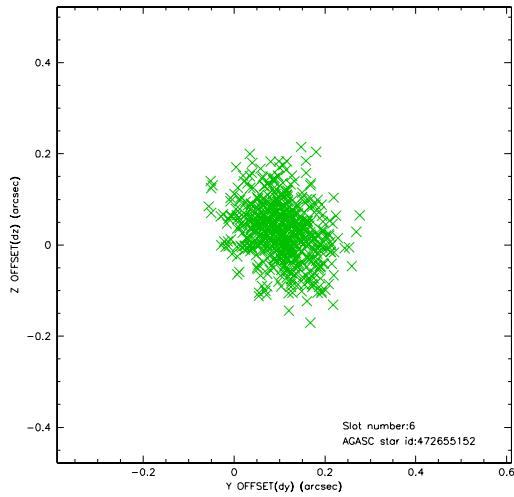
2.4.2 Slot 4



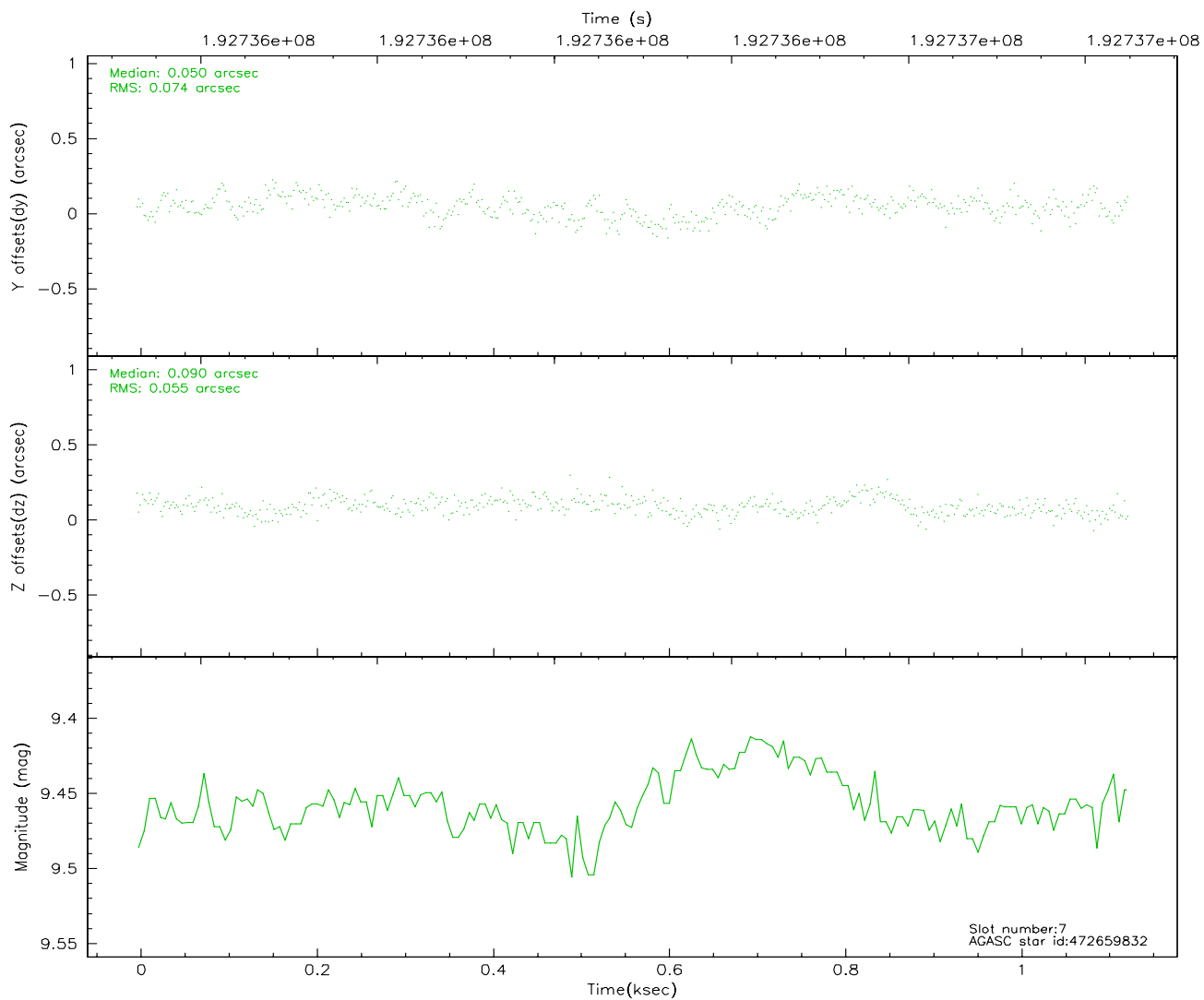
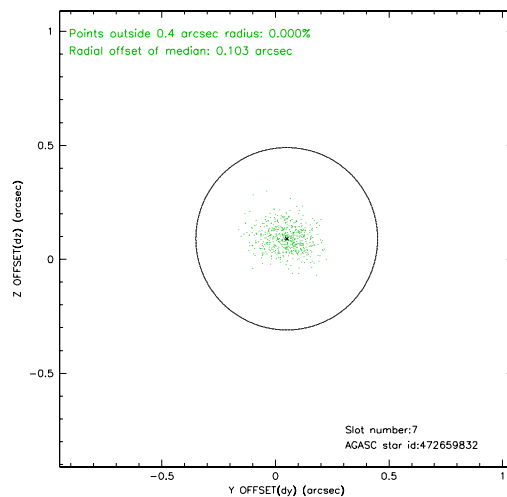
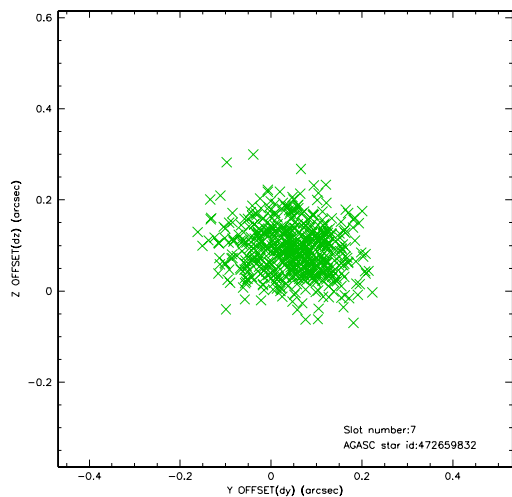
2.4.3 Slot 5



2.4.4 Slot 6

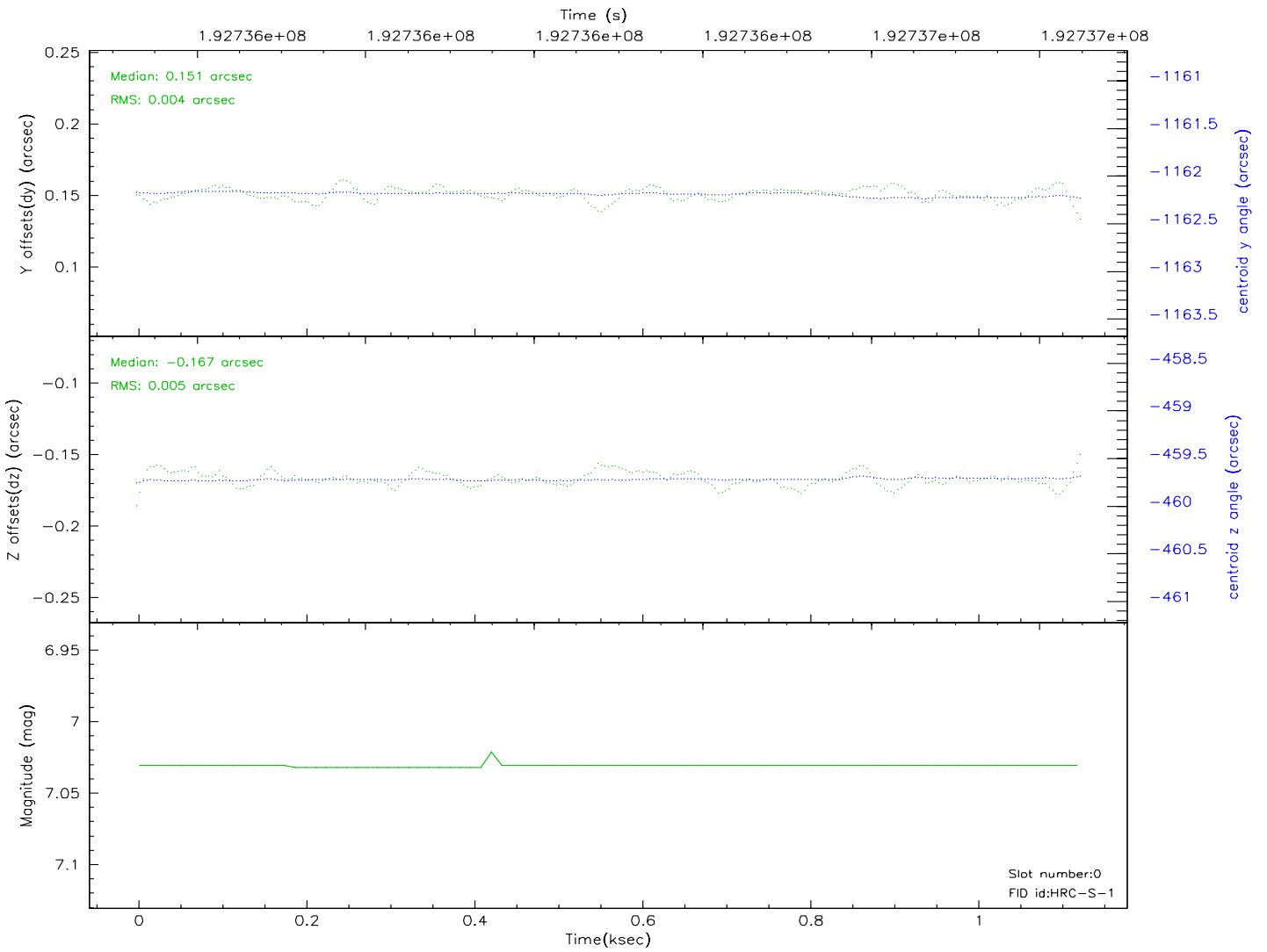
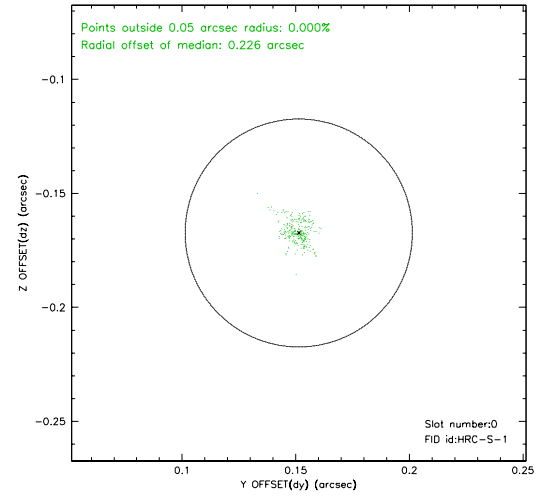
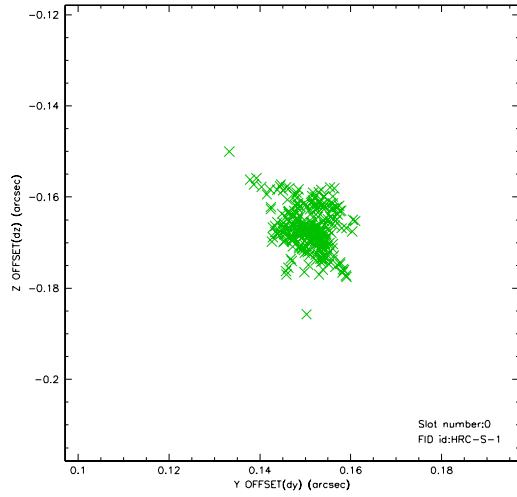


2.4.5 Slot 7

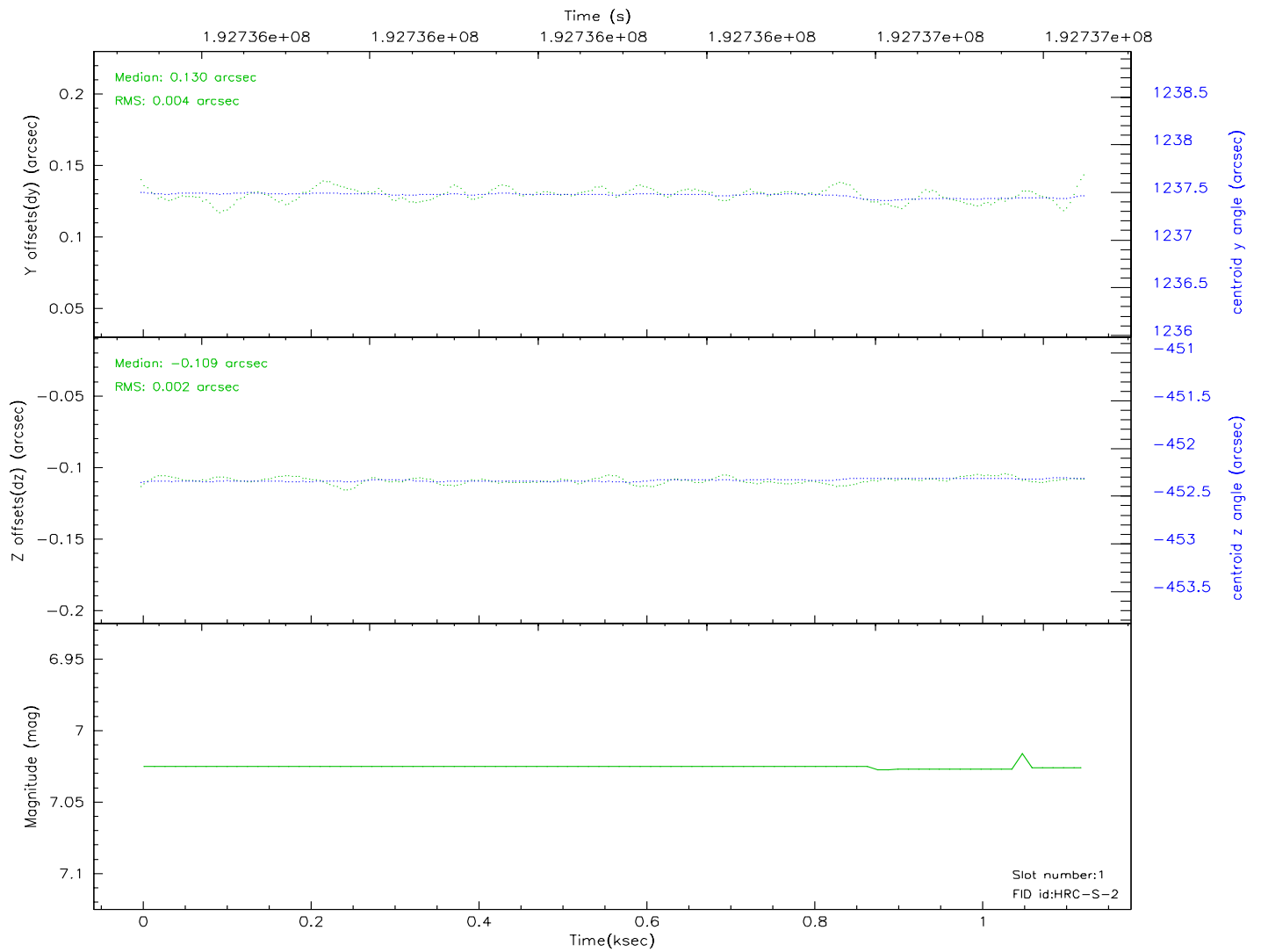
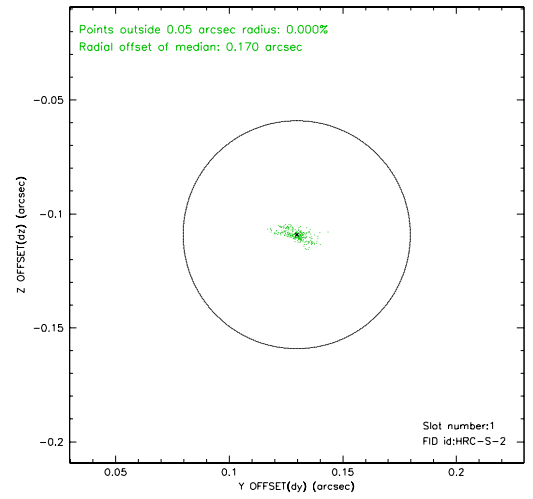
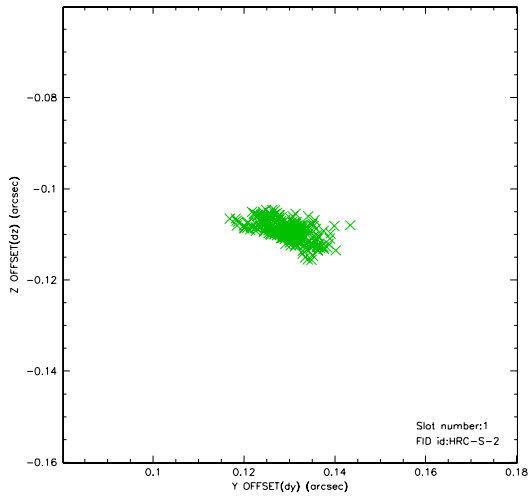


2.5 FID Slots

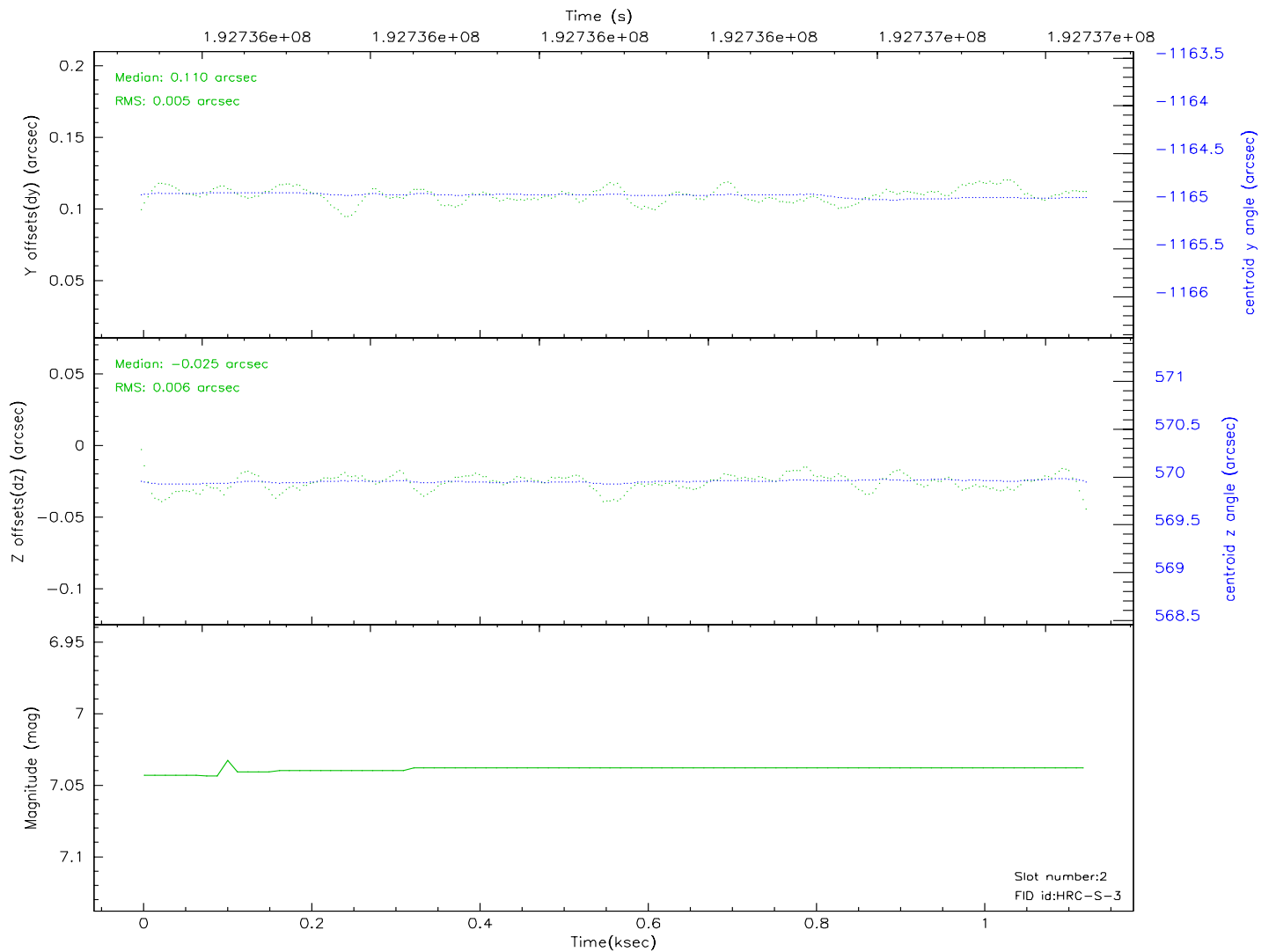
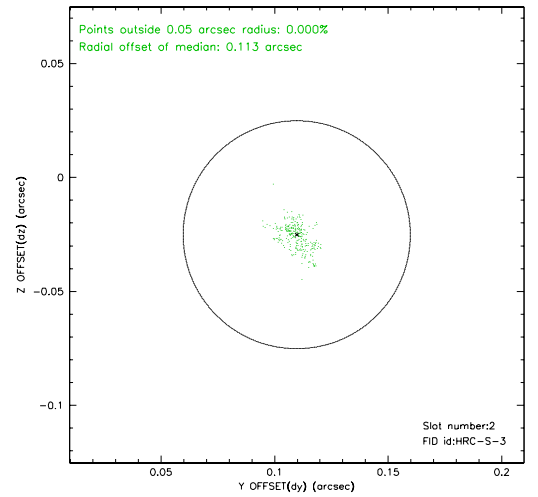
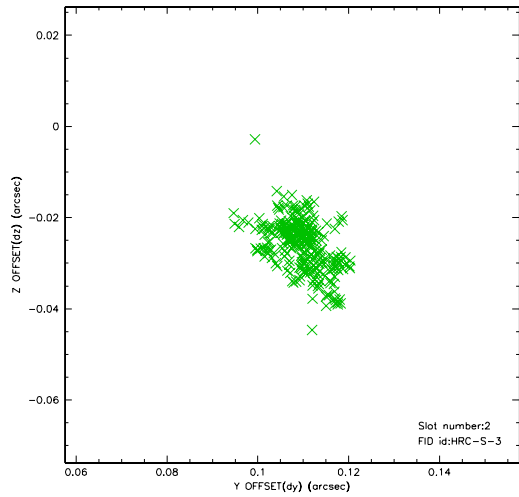
2.5.1 Slot 0



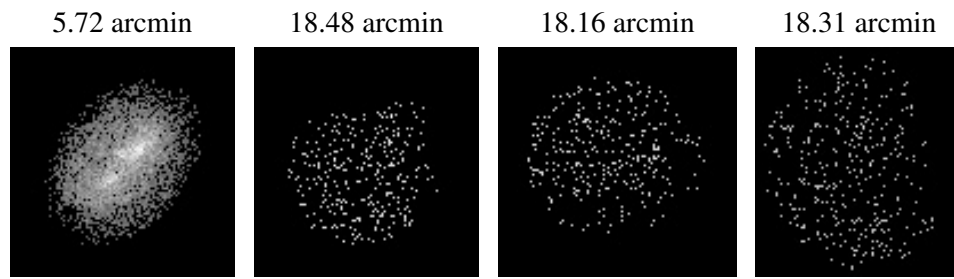
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.088

A.2 Comments