

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2596 - L2 Version 001
Chandra X-Ray Center

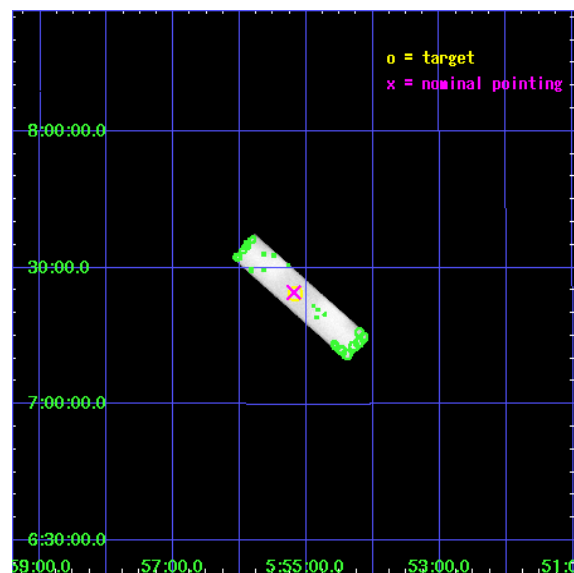
L2 Processing Date : Jan 20 2007

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1 Front

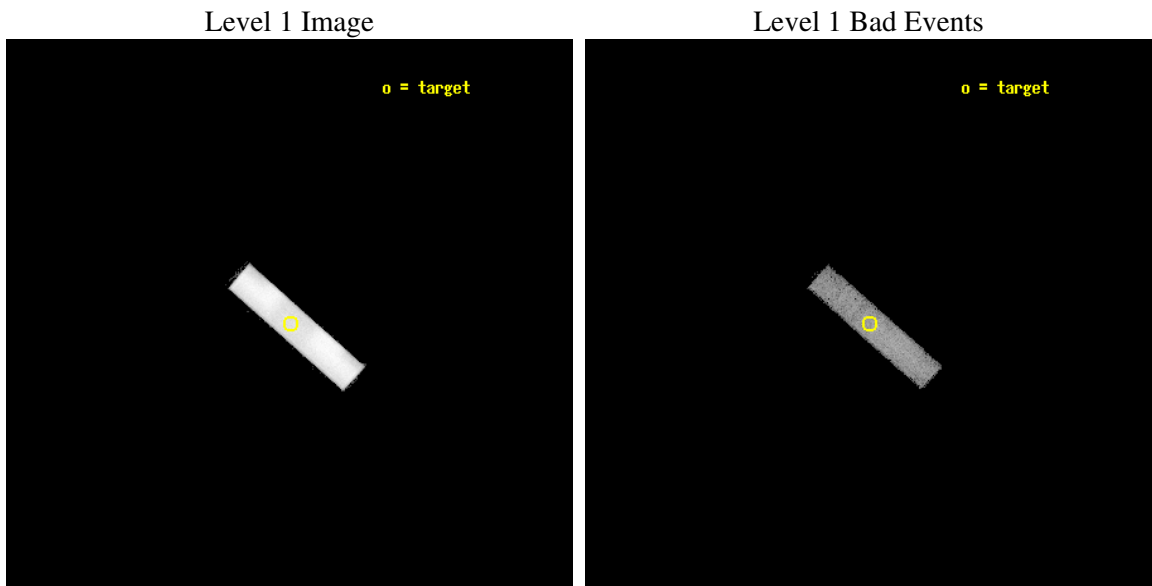
seq_num	290152
obs_id	2596
title	AO3 CALIBRATION OBSERVATIONS OF BETELGEUSE
observer	Dr. CXC Calibration
object	BETELGEUSE
ra_targ	88.792917
dec_targ	7.407056
ra_nom	88.796549069591
dec_nom	7.4100784759373
roll_nom	41.377154313689
revision	2
ontime	1972.3563289344
livetime	1906.429908224
l2events	272190



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-20T14:07:54
revision	2

sched_exp_time	2000.000000
ontime	1972.3563289344
l1events	311994

2.1.3 Events

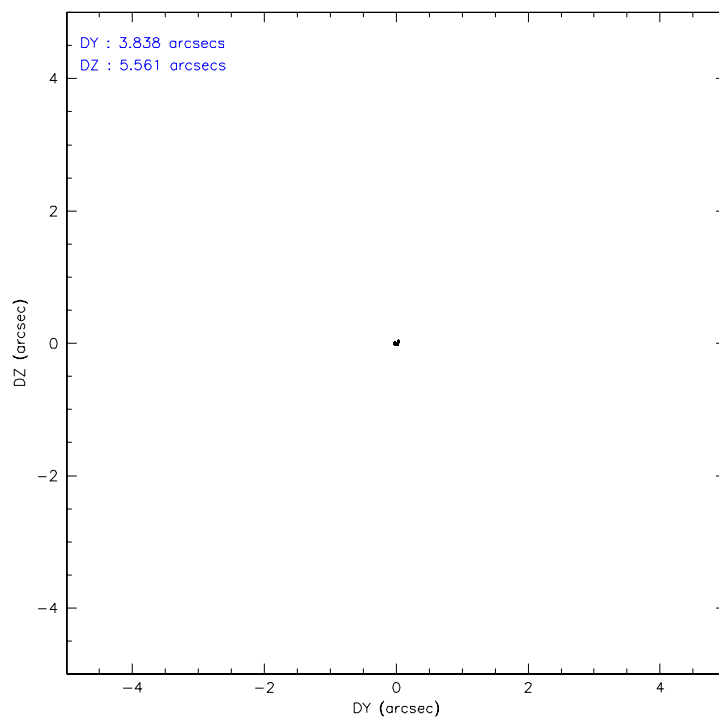
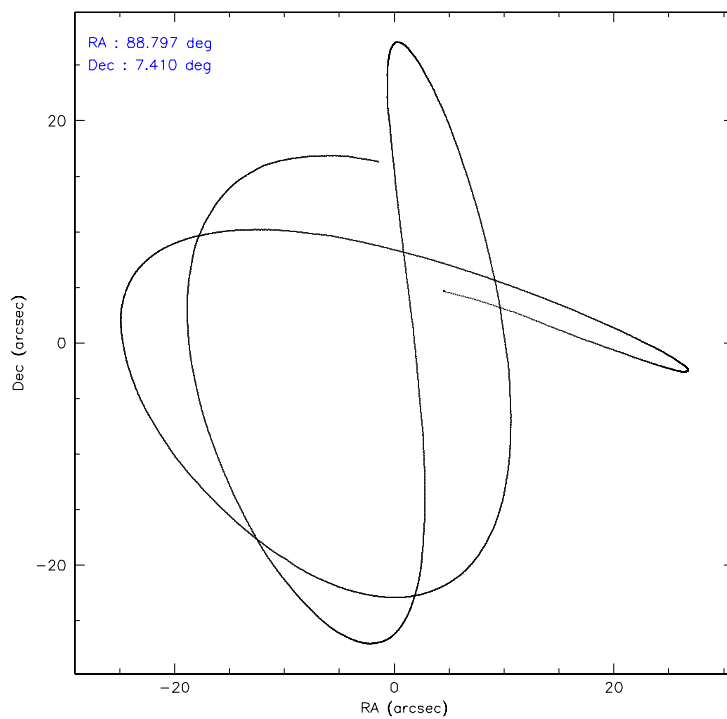
Level 1 Events

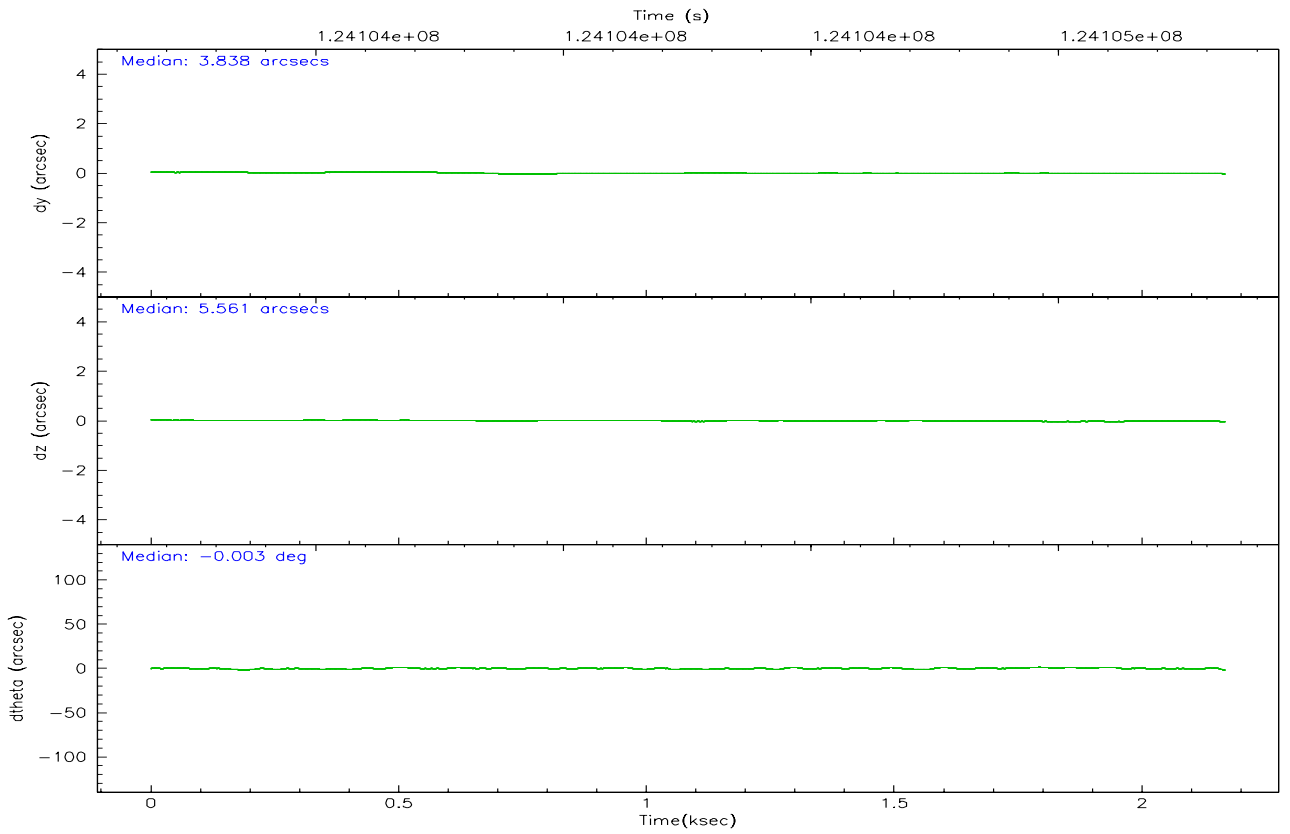
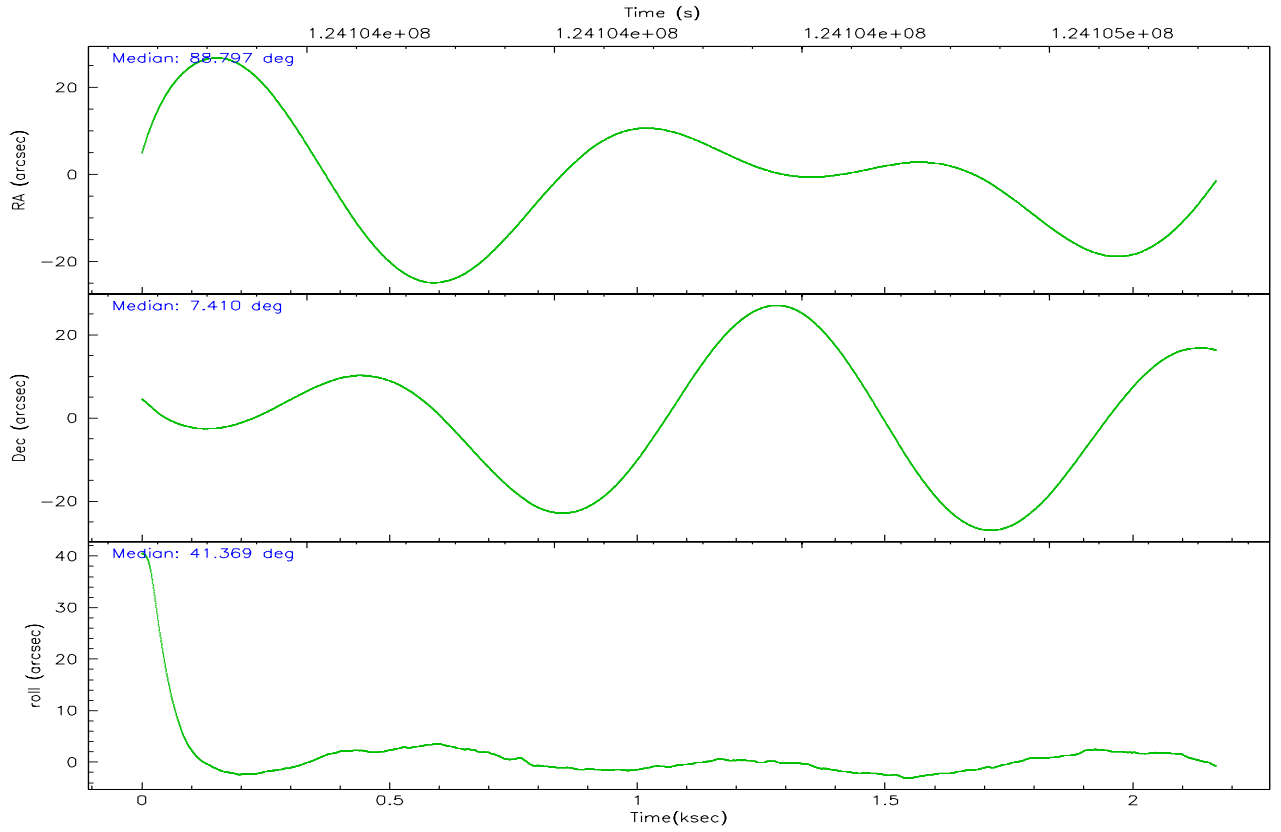
	segment 1	segment 2	segment 3
level 1 events	0	311994	0
rejected events	0	33354	0
rejected %	0%	10%	0%

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	88.788708	88.79654906959095			
Pointing Dec	7.382528	7.410078475937328			
Pointing Roll	41.310590	41.37715431368853			
Window start time	123552064.184000	123552064.184000			
Window stop time	126144064.184000	126144064.184000			
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	124103335.184000	124102459.57656			
Observation start date	2001-12-07T09:07:51	2001-12-07T08:54:19			
Observation end time	124105335.184000	124105470.00168			
Observation end date	2001-12-07T09:41:11	2001-12-07T09:44:30			

2.3 Aspect



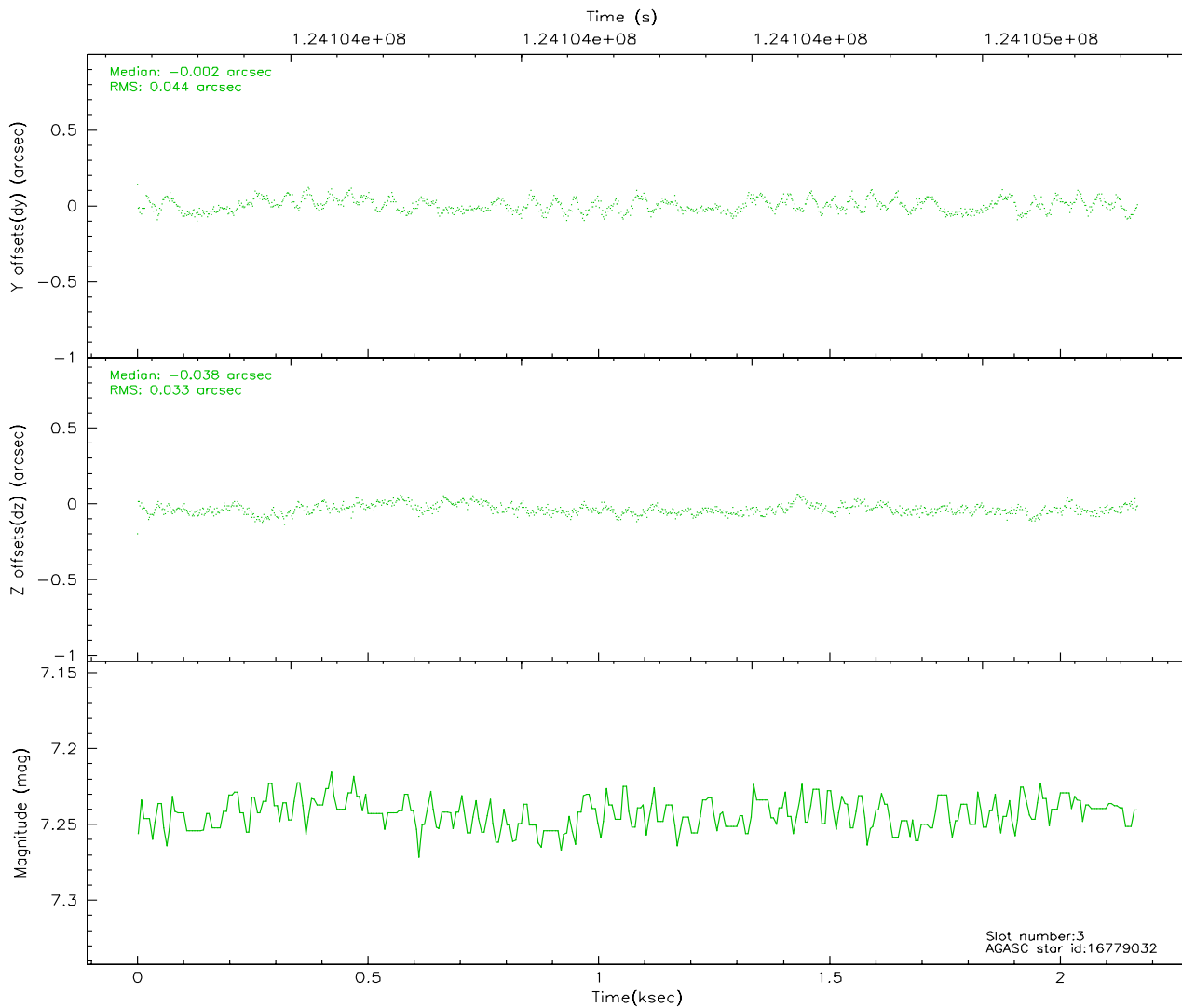
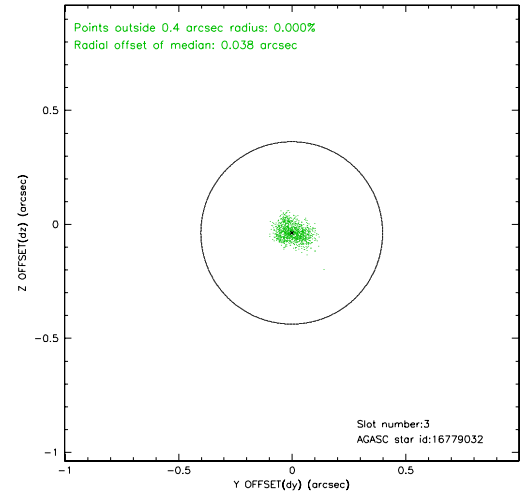
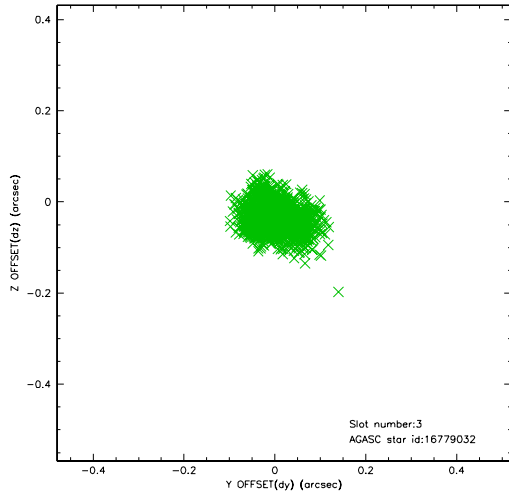


Slot Statistics

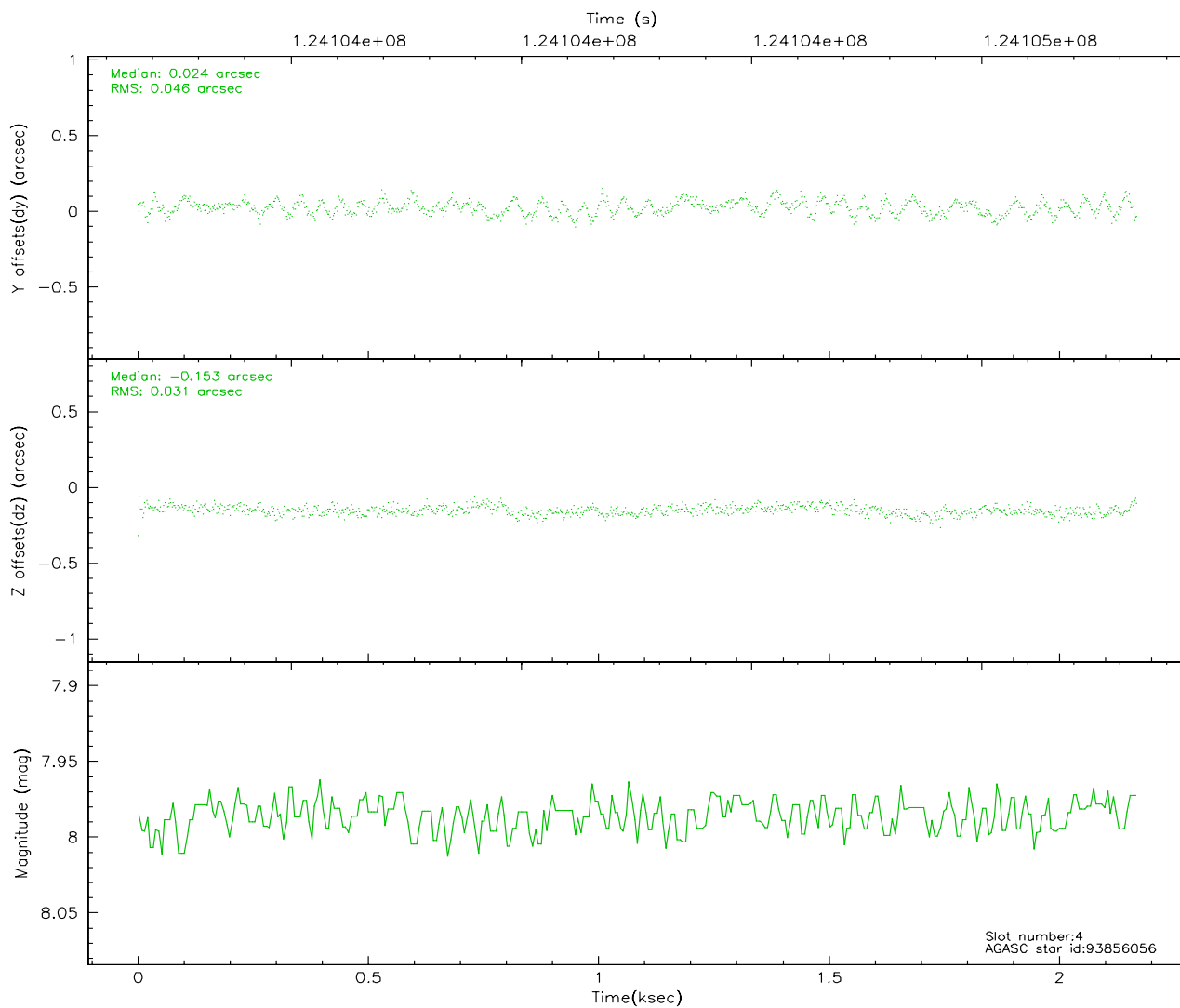
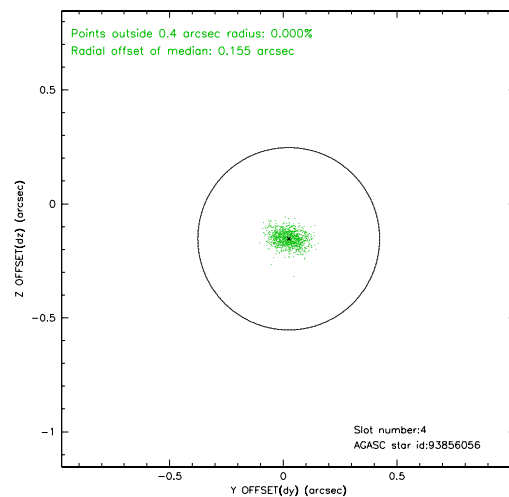
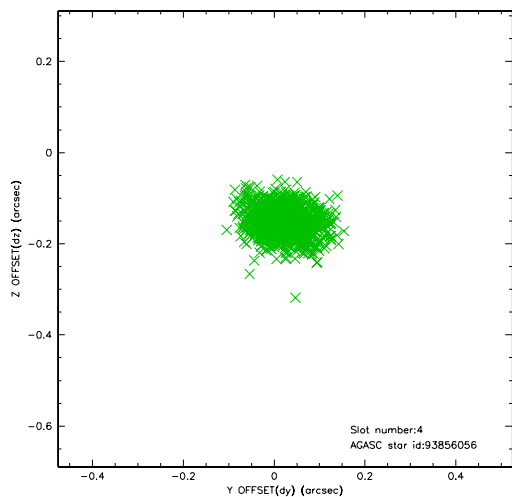
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	529	0.161	-0.161	0.006	0.012	0.000000	0.000000	-1157.89	-454.10
1	FID	HRC-S-2	6.99	529	0.081	-0.093	0.005	0.009	0.000000	0.000000	1239.52	-447.55
2	FID	HRC-S-3	7.01	529	0.147	-0.048	0.006	0.011	0.000000	0.000000	-1158.27	574.70
3	GUIDE	16779032	7.24	1059	-0.002	-0.038	0.060	0.092	88.070651	7.329382	-2050.00	1550.94
4	GUIDE	93856056	7.98	1059	0.024	-0.153	0.059	0.097	88.147460	7.547925	-1326.02	1961.31
5	GUIDE	16913360	8.34	1059	-0.057	0.065	0.060	0.097	89.178373	7.247125	723.80	-1281.39
6	GUIDE	16918912	8.66	1058	-0.045	0.158	0.087	0.135	89.257075	6.922287	166.09	-2348.97
7	GUIDE	93855168	9.06	1058	0.076	-0.036	0.074	0.118	89.021483	7.846508	1727.54	705.75

2.4 Star Slots

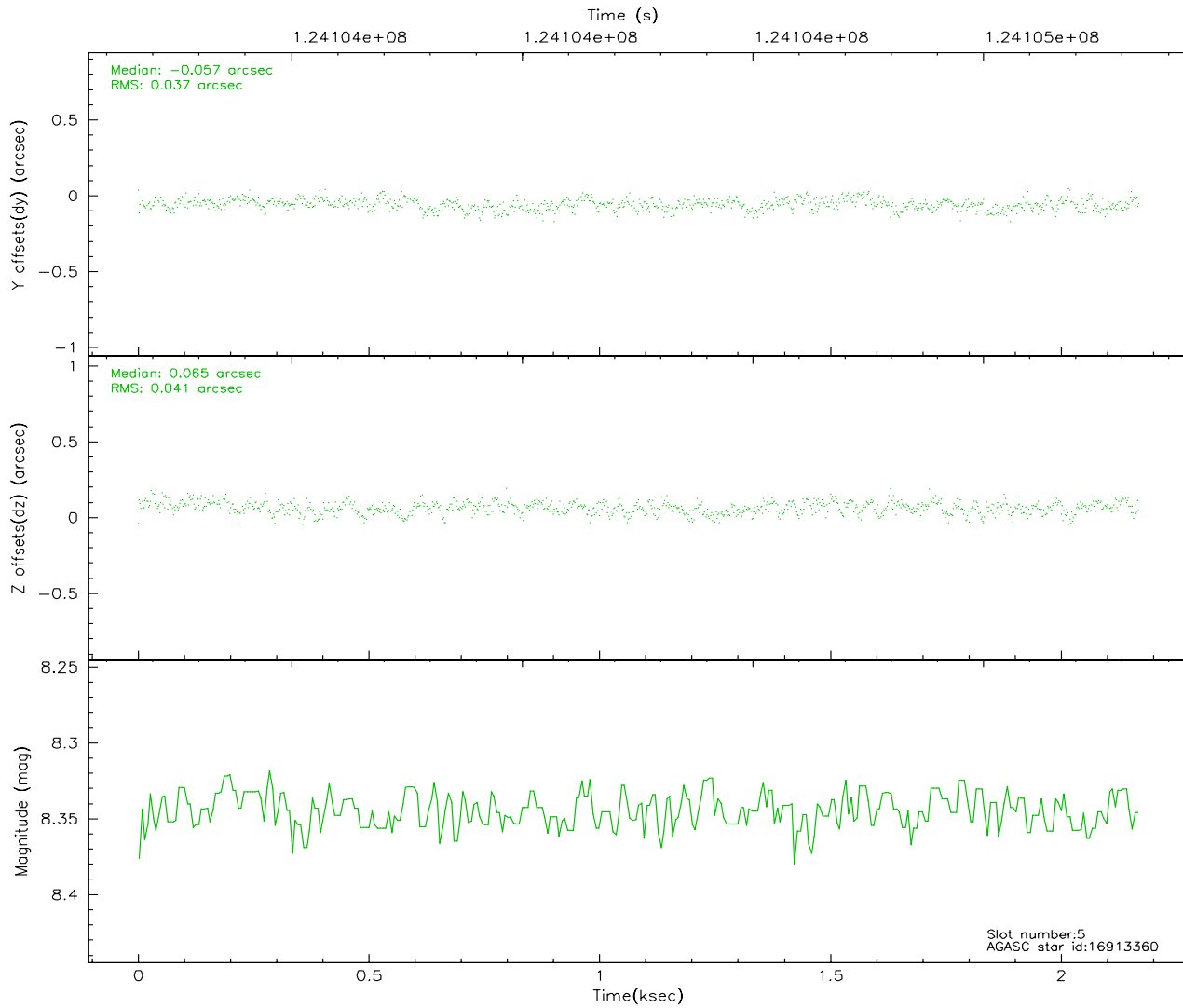
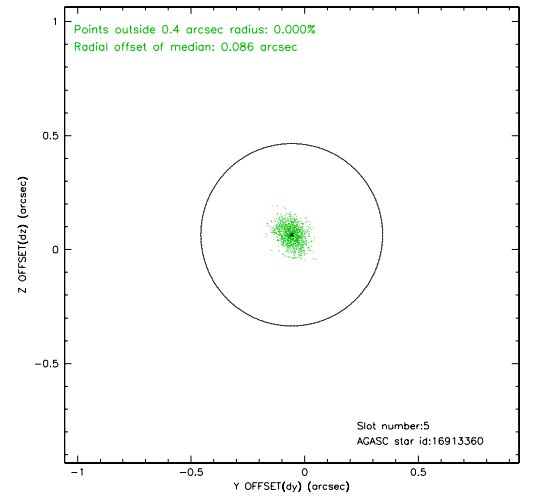
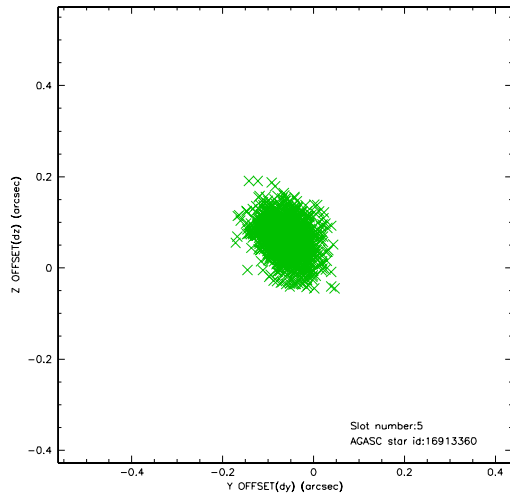
2.4.1 Slot 3



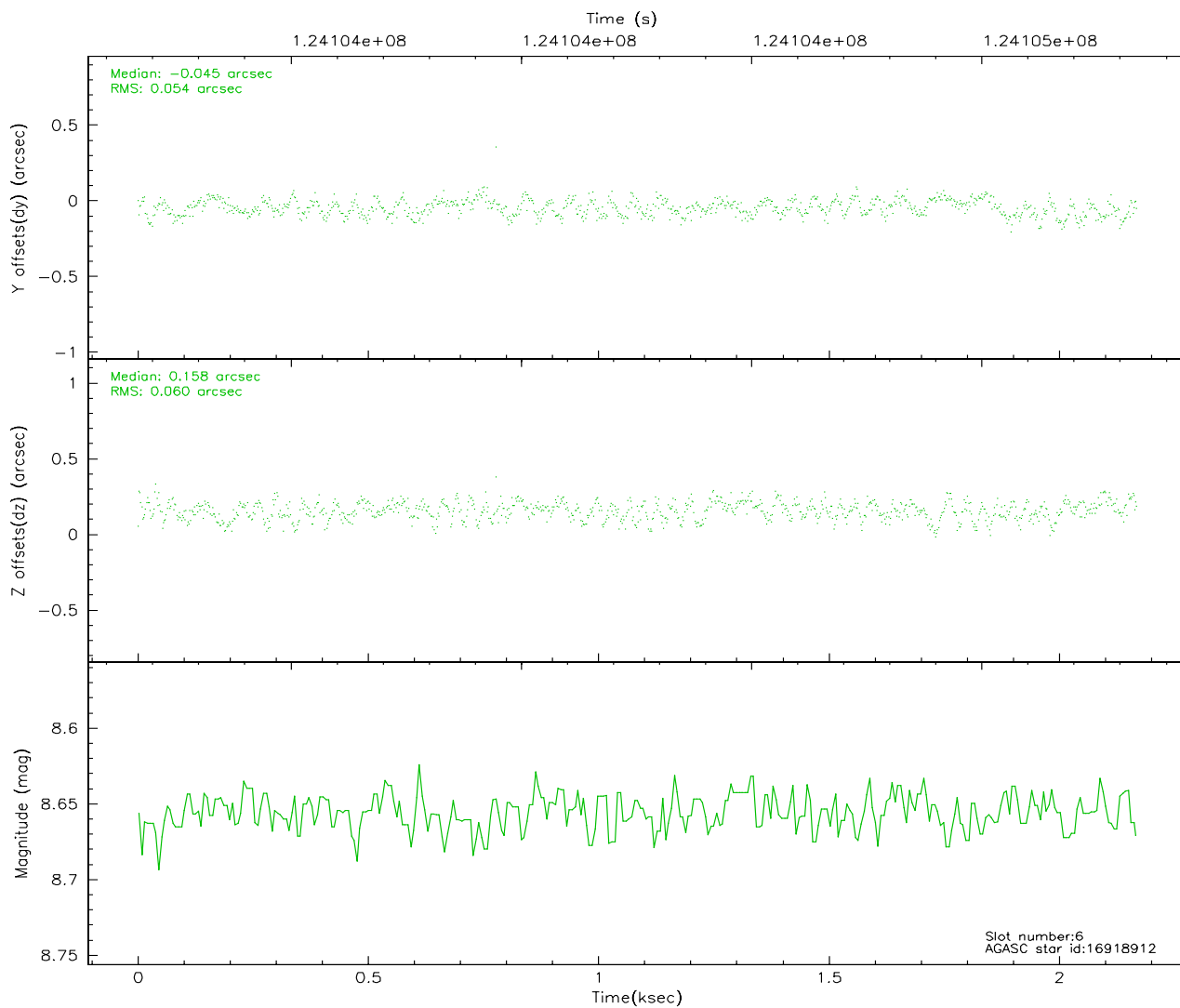
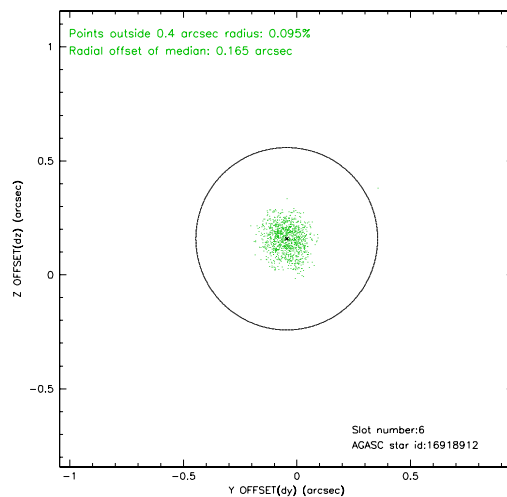
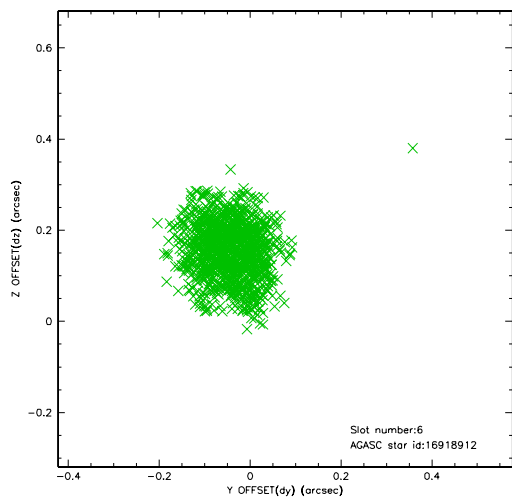
2.4.2 Slot 4



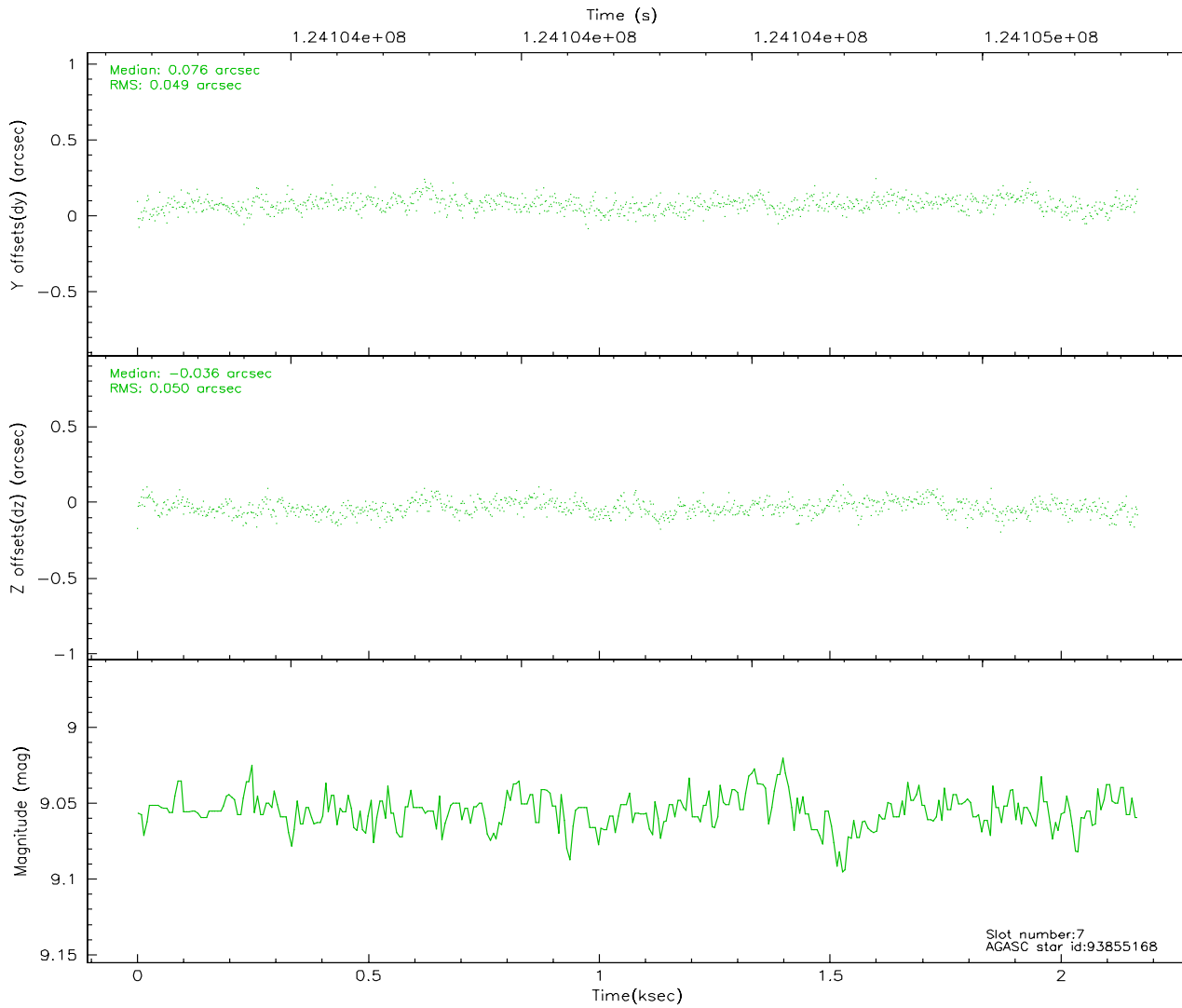
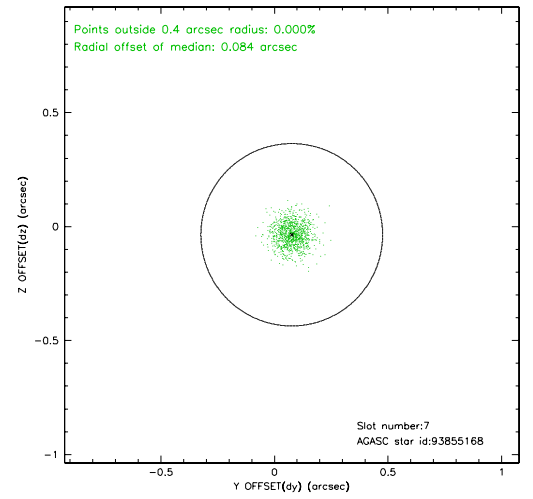
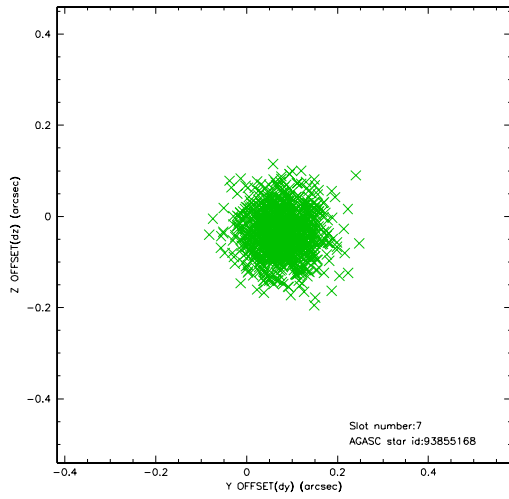
2.4.3 Slot 5



2.4.4 Slot 6

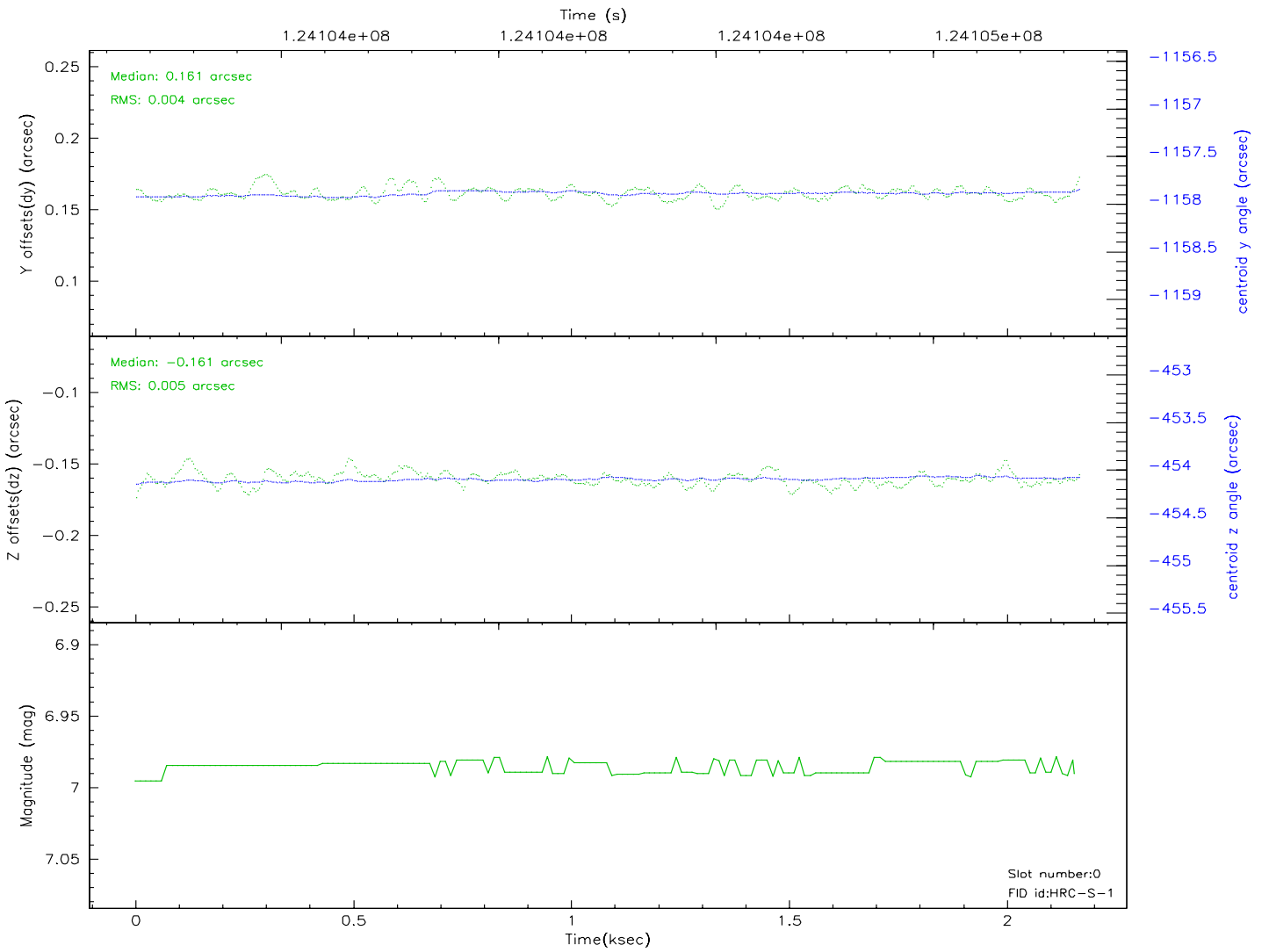
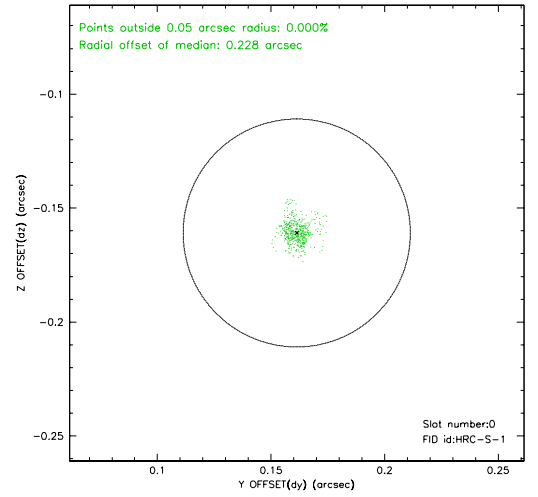
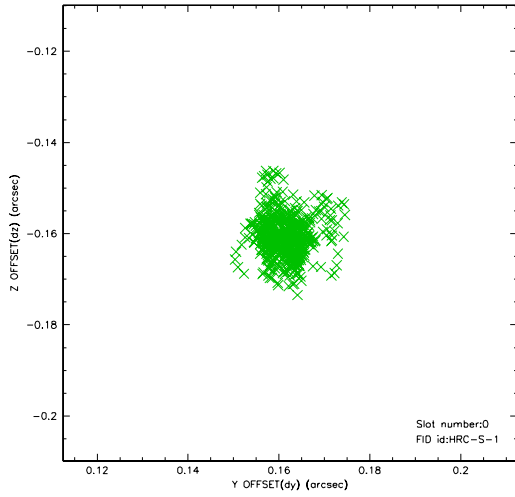


2.4.5 Slot 7

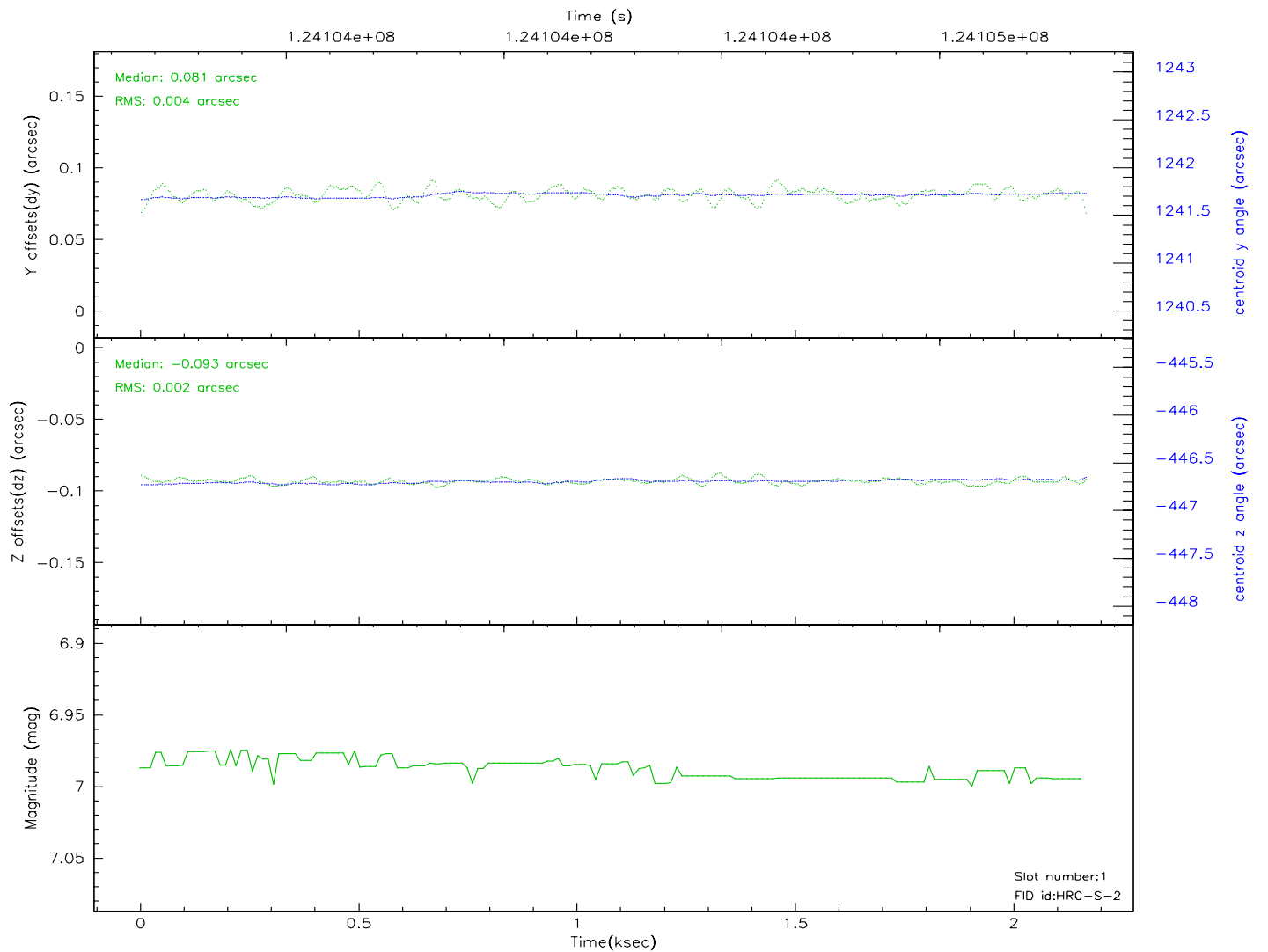
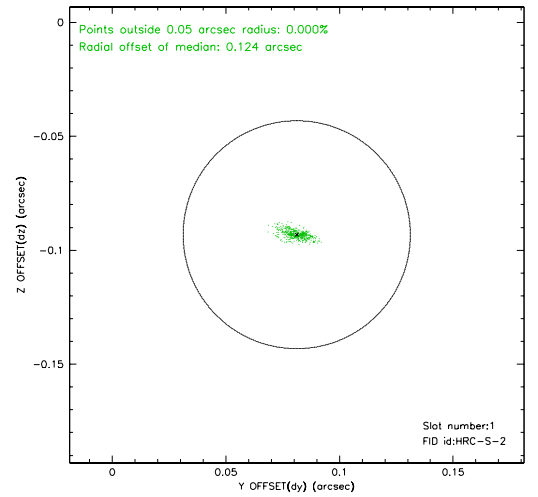
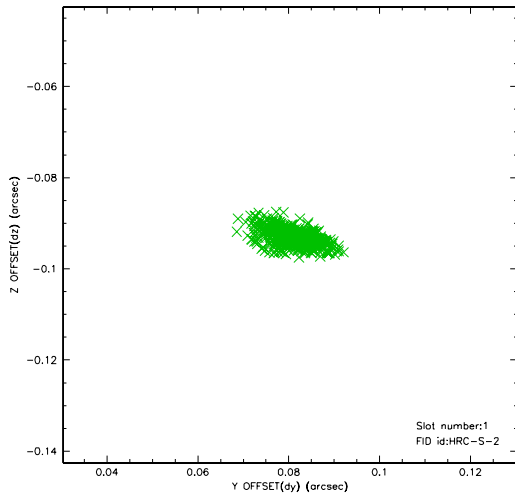


2.5 FID Slots

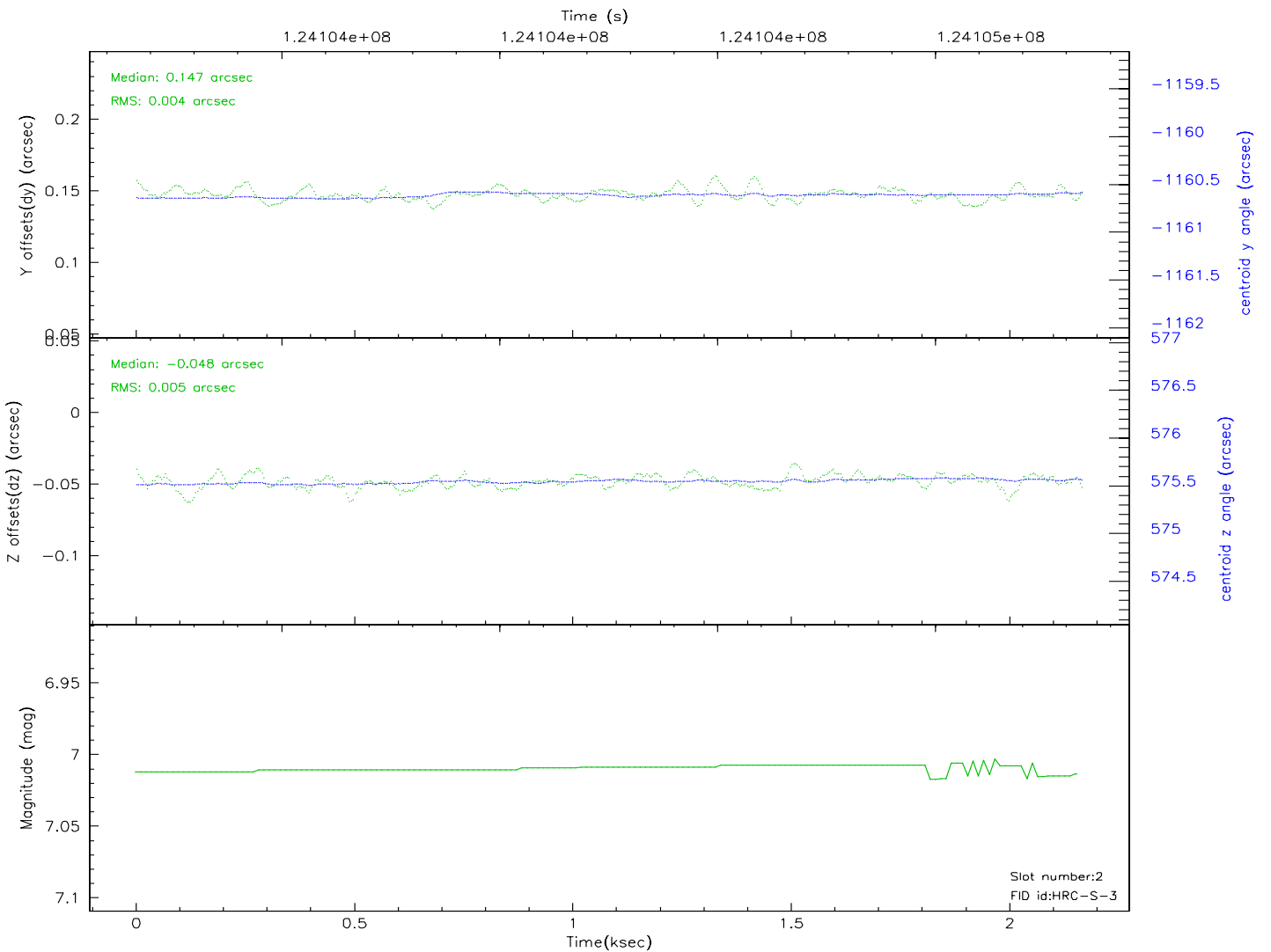
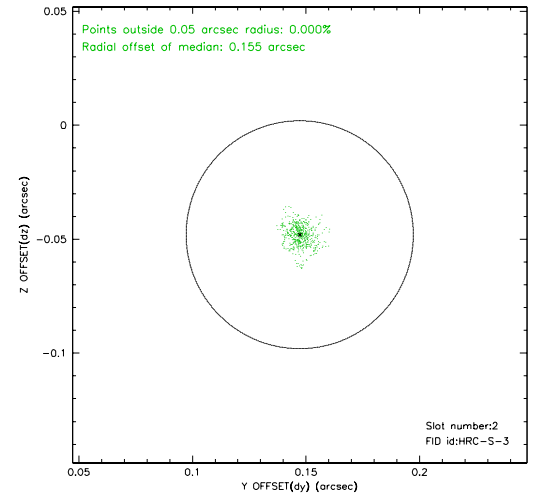
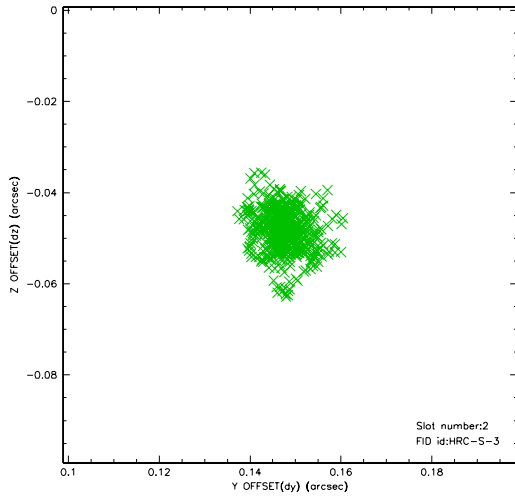
2.5.1 Slot 0



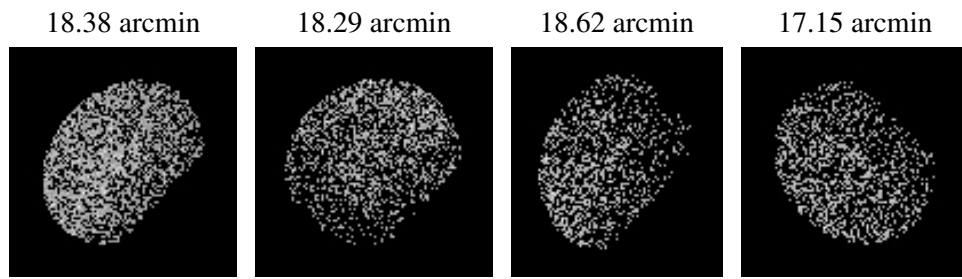
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.972

A.2 Comments