

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4325 - L2 Version 001
Chandra X-Ray Center

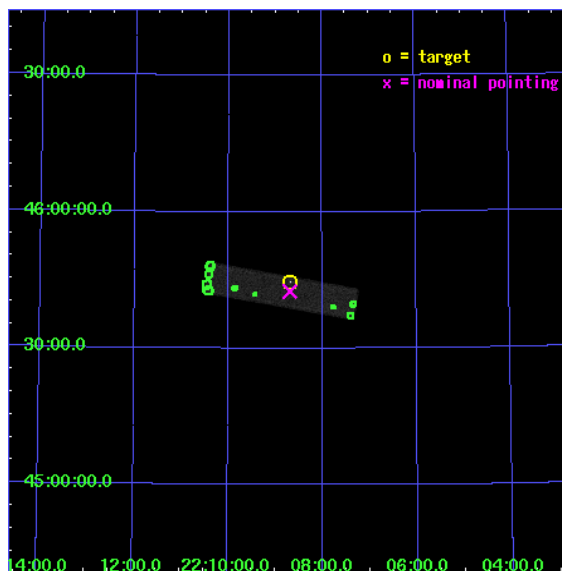
L2 Processing Date : Jul 7 2006

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1 Front

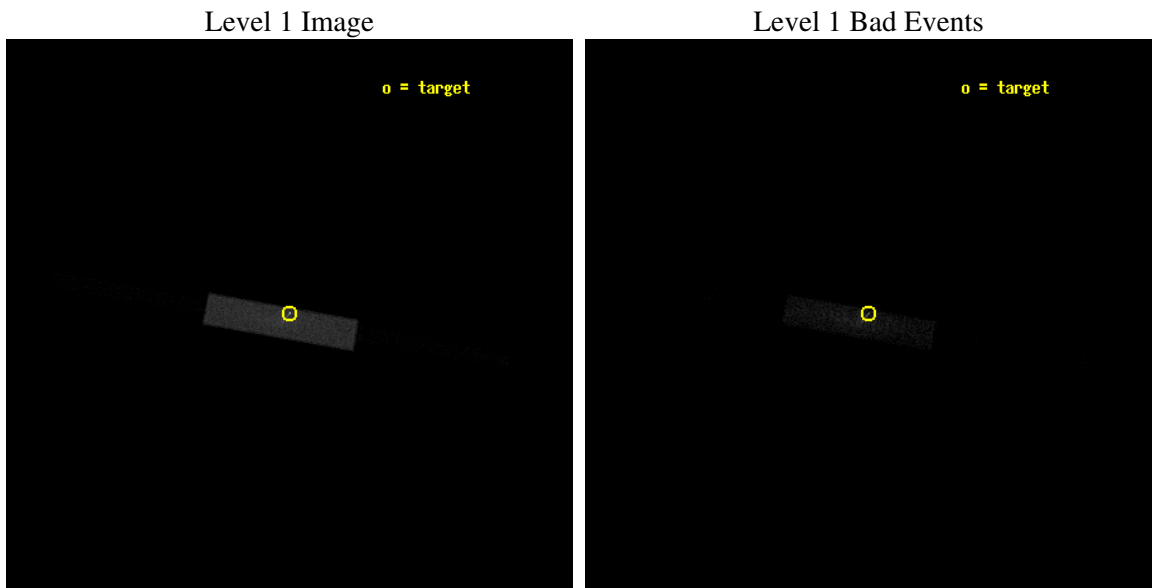
seq_num	290285
obs_id	4325
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.17218899812
dec_nom	45.708704525471
roll_nom	189.99024473489
revision	2
ontime	1142.1062988937
livetime	1136.3282224824
l2events	38443



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-07T22:15:36
revision	2

sched_exp_time	1000.000000
ontime	1182.0813006163
l1events	67100

2.1.3 Events

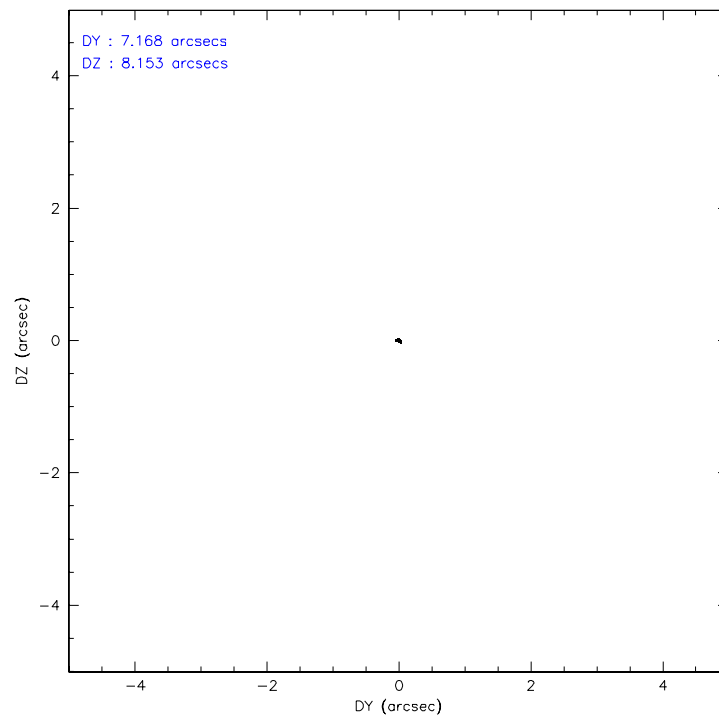
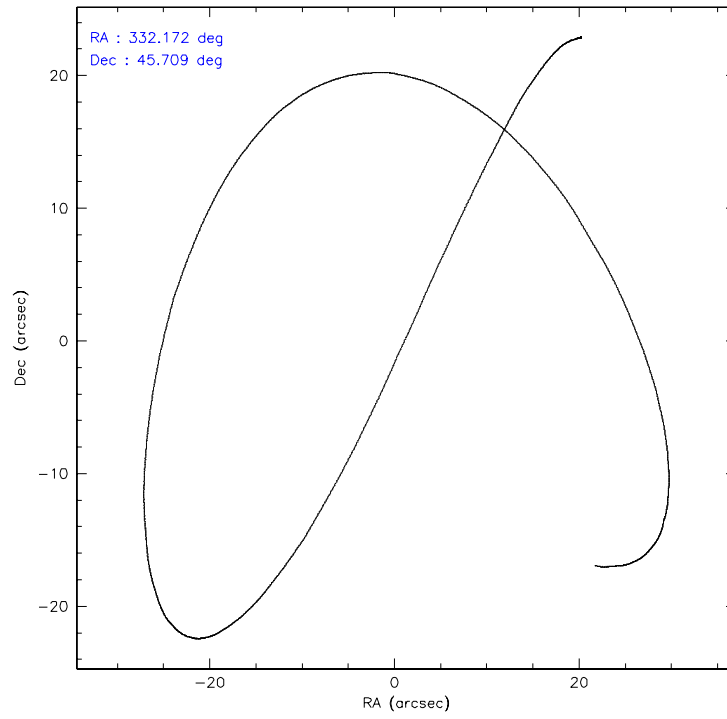
Level 1 Events

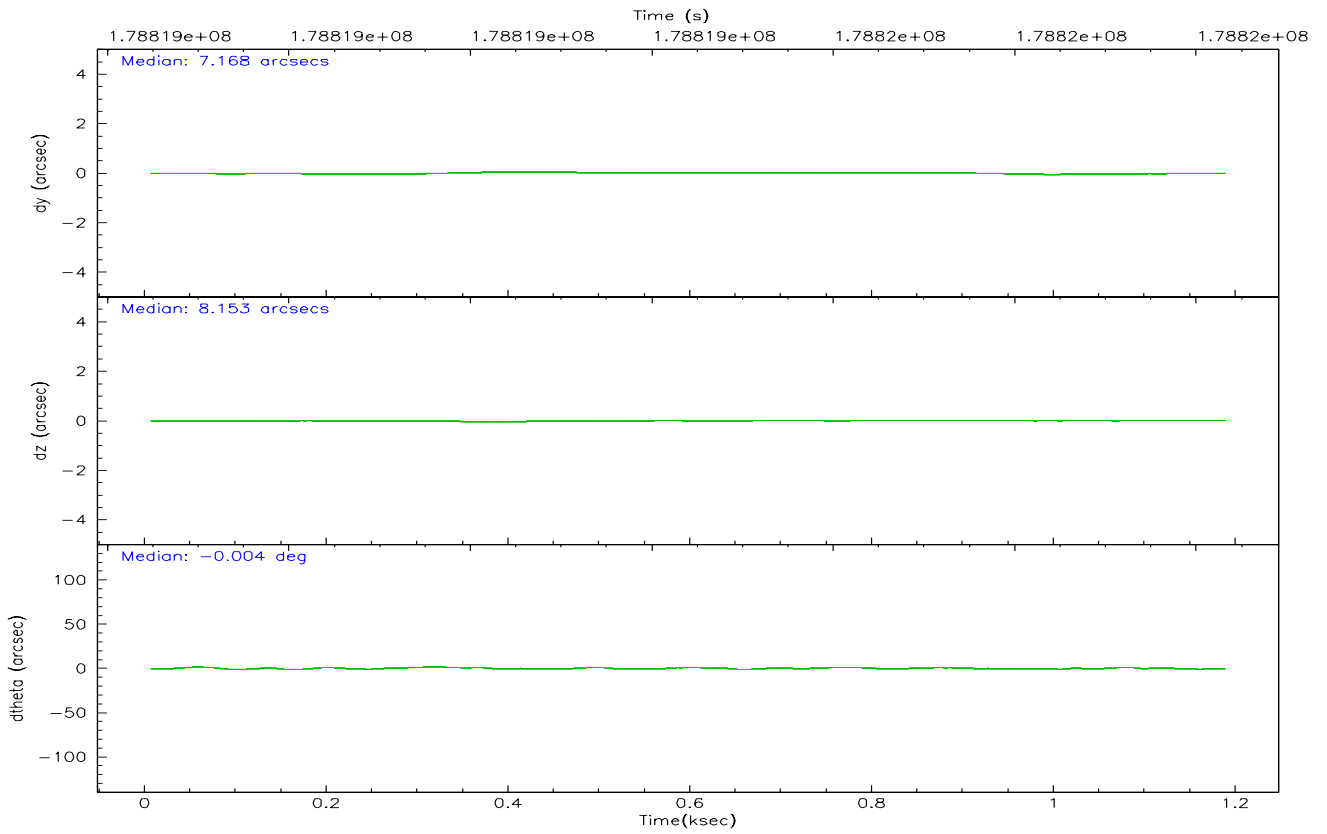
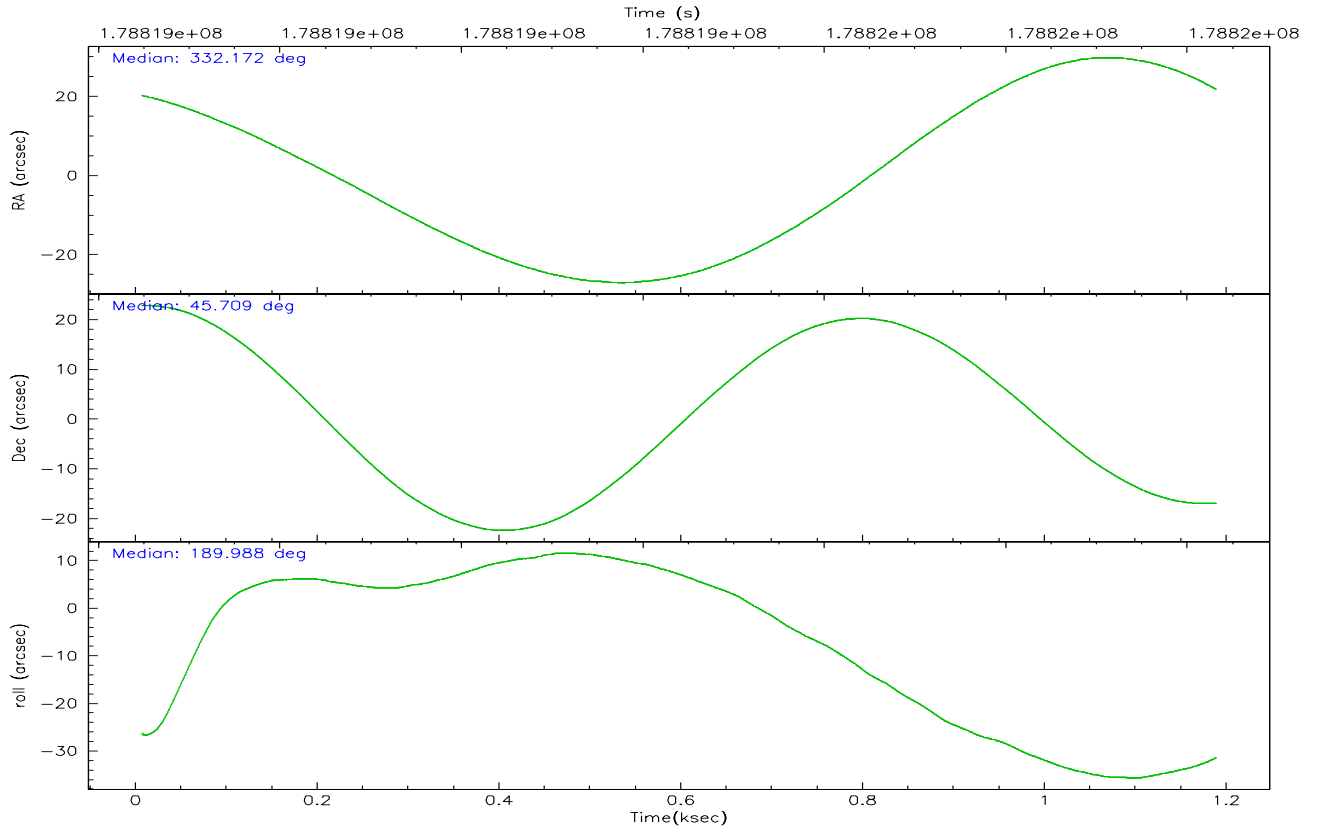
	segment 1	segment 2	segment 3
level 1 events	1036	65059	1005
rejected events	1036	23728	1005
rejected %	100%	36%	100%

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	332.201641	332.1721889981175			
Pointing Dec	45.728232	45.70870452547089			
Pointing Roll	189.901769	189.9902447348873			
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	178819038.184000	178818662.32043			
Observation start date	2003-09-01T15:56:14	2003-09-01T15:51:02			
Observation end time	178820038.184000	178820172.658			
Observation end date	2003-09-01T16:12:54	2003-09-01T16:16:12			

2.3 Aspect



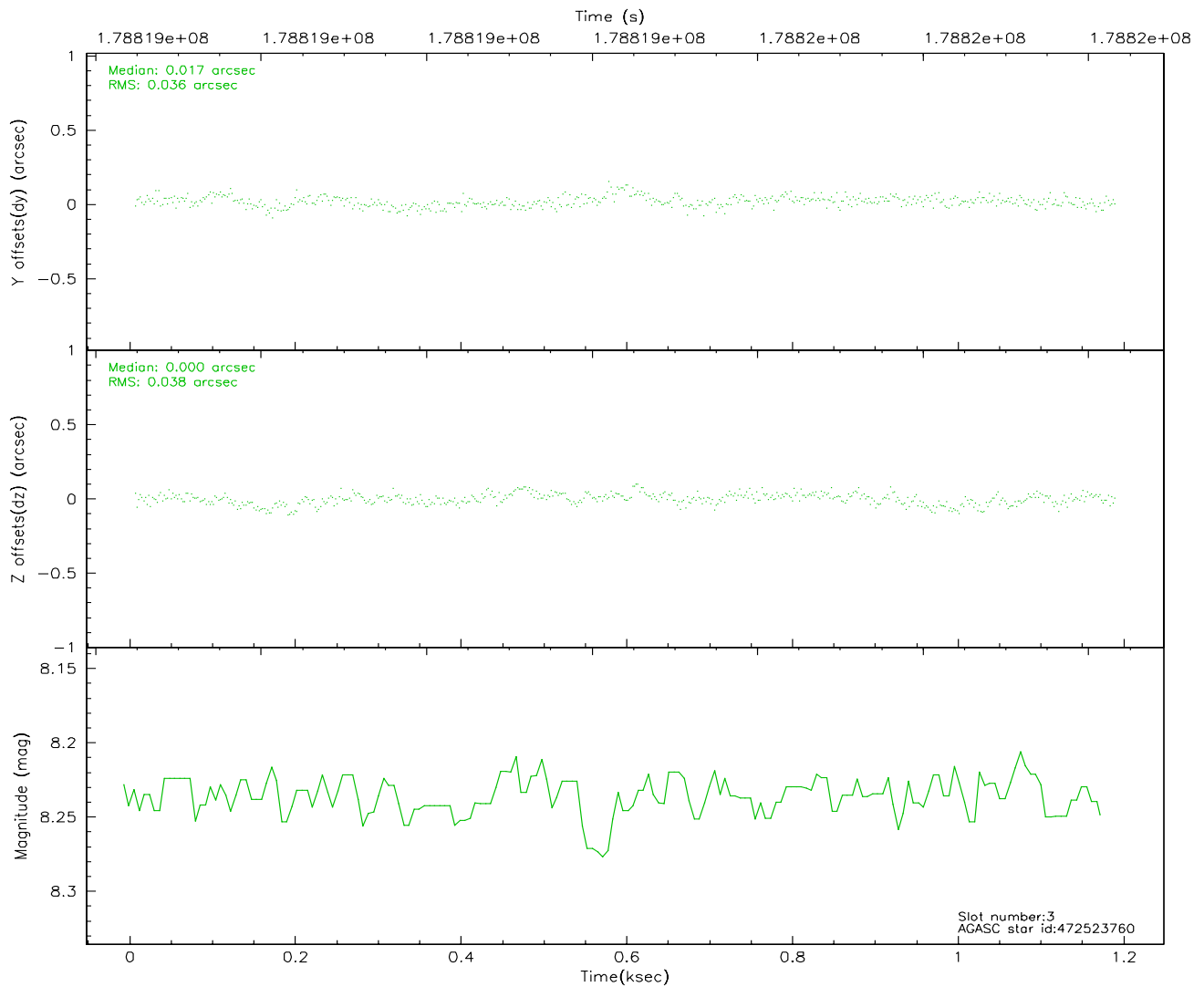
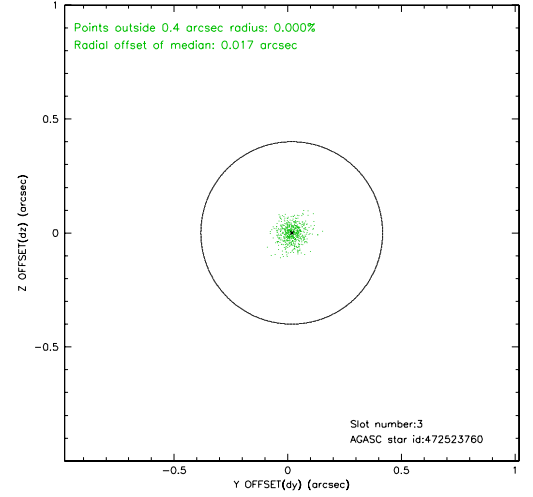
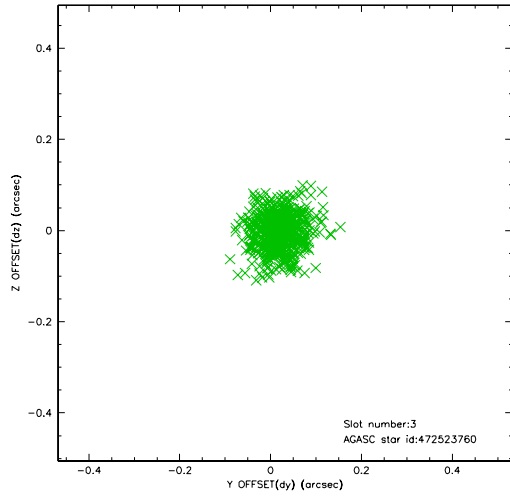


Slot Statistics

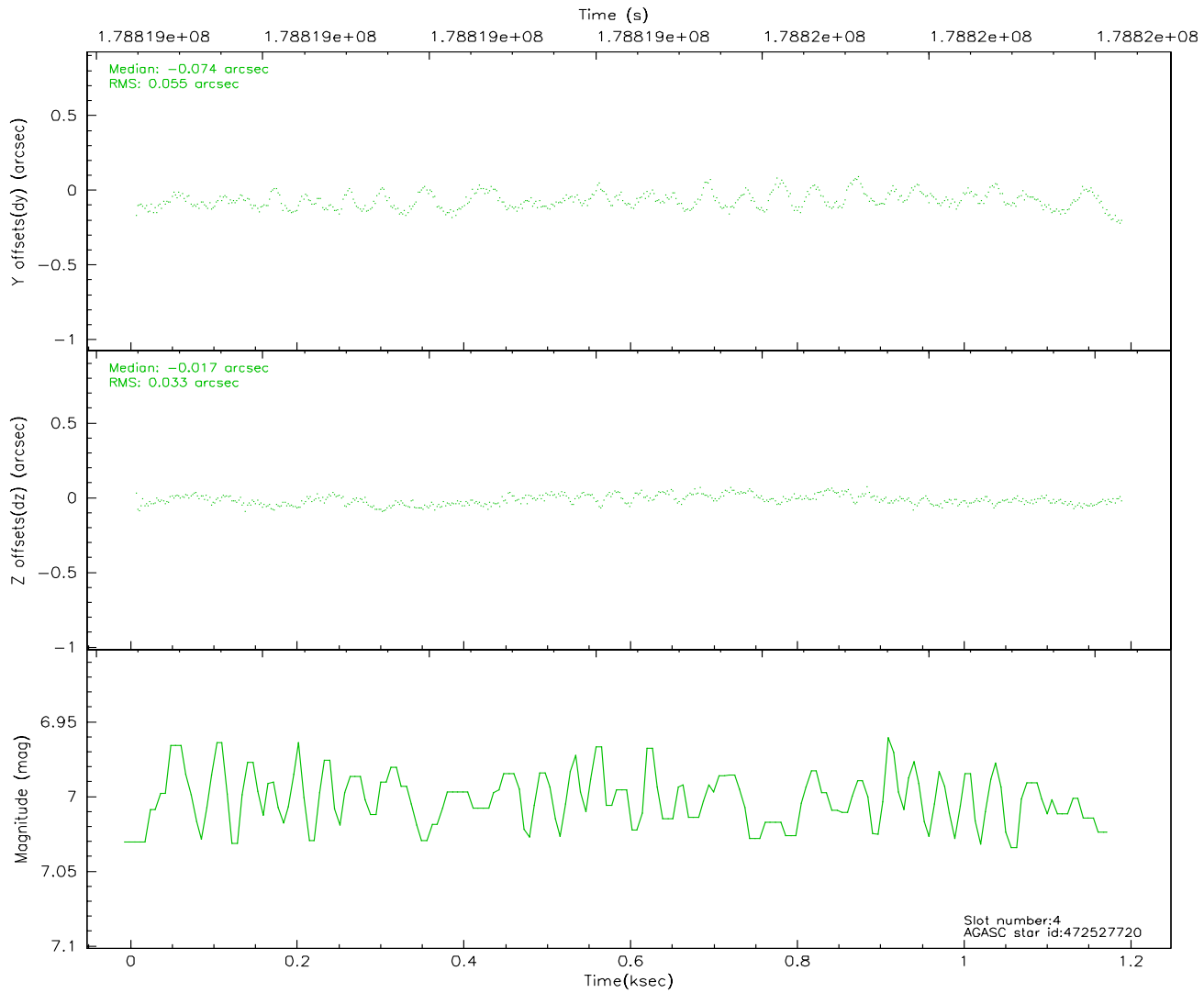
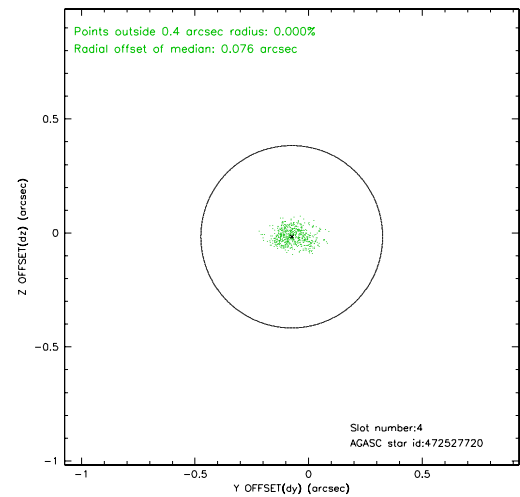
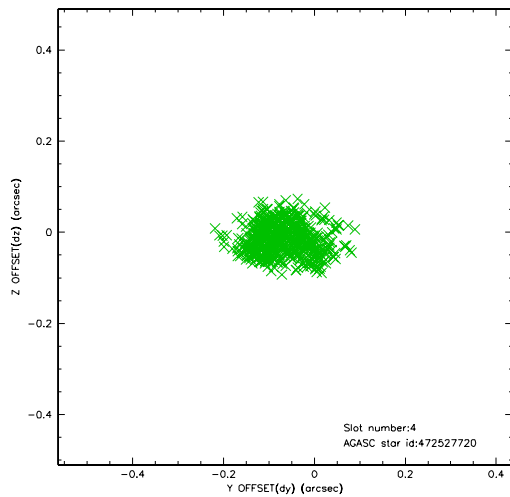
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	289	0.125	-0.122	0.008	0.014	0.000000	0.000000	-1161.33	-456.75
1	FID	HRC-S-2	7.02	289	0.157	-0.110	0.005	0.008	0.000000	0.000000	1234.37	-450.95
2	FID	HRC-S-3	7.03	289	0.108	-0.071	0.008	0.015	0.000000	0.000000	-1159.80	571.27
3	GUIDE	472523760	8.24	578	0.017	0.000	0.055	0.094	331.645363	45.403260	1586.94	905.68
4	GUIDE	472527720	7.00	578	-0.074	-0.017	0.066	0.113	331.460205	45.112509	2239.39	1852.54
5	GUIDE	472654568	9.44	578	-0.005	-0.135	0.130	0.200	332.194449	45.063576	434.67	2356.71
6	GUIDE	472659832	9.46	578	0.074	0.072	0.101	0.168	332.780399	46.098139	-1650.74	-1064.91
7	GUIDE	472533912	9.16	574	-0.023	0.074	0.109	0.179	331.791136	46.368695	606.36	-2451.42

2.4 Star Slots

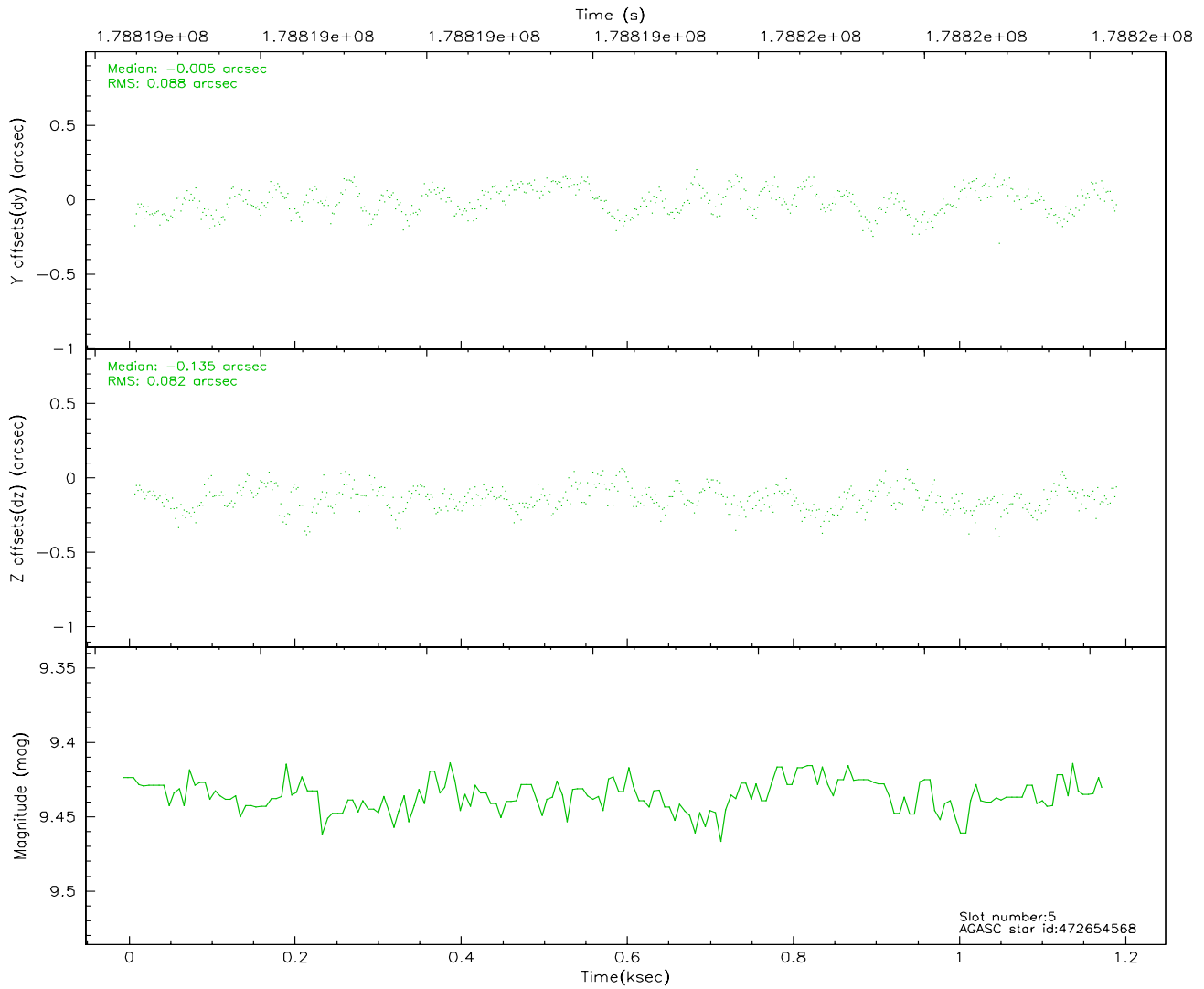
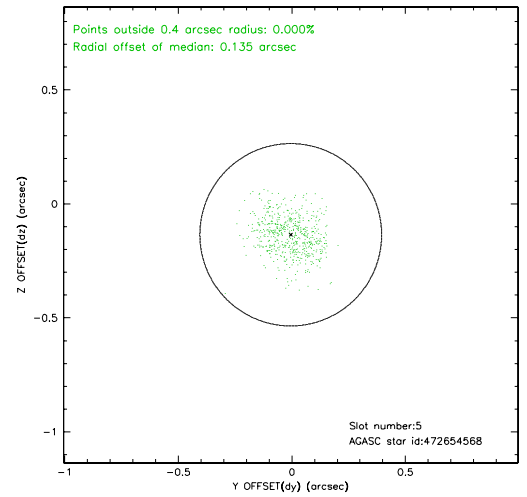
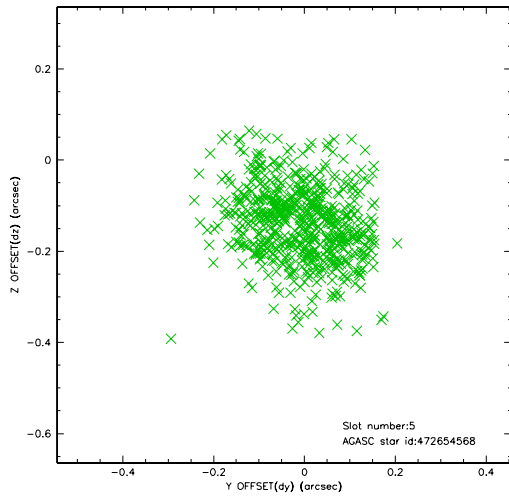
2.4.1 Slot 3



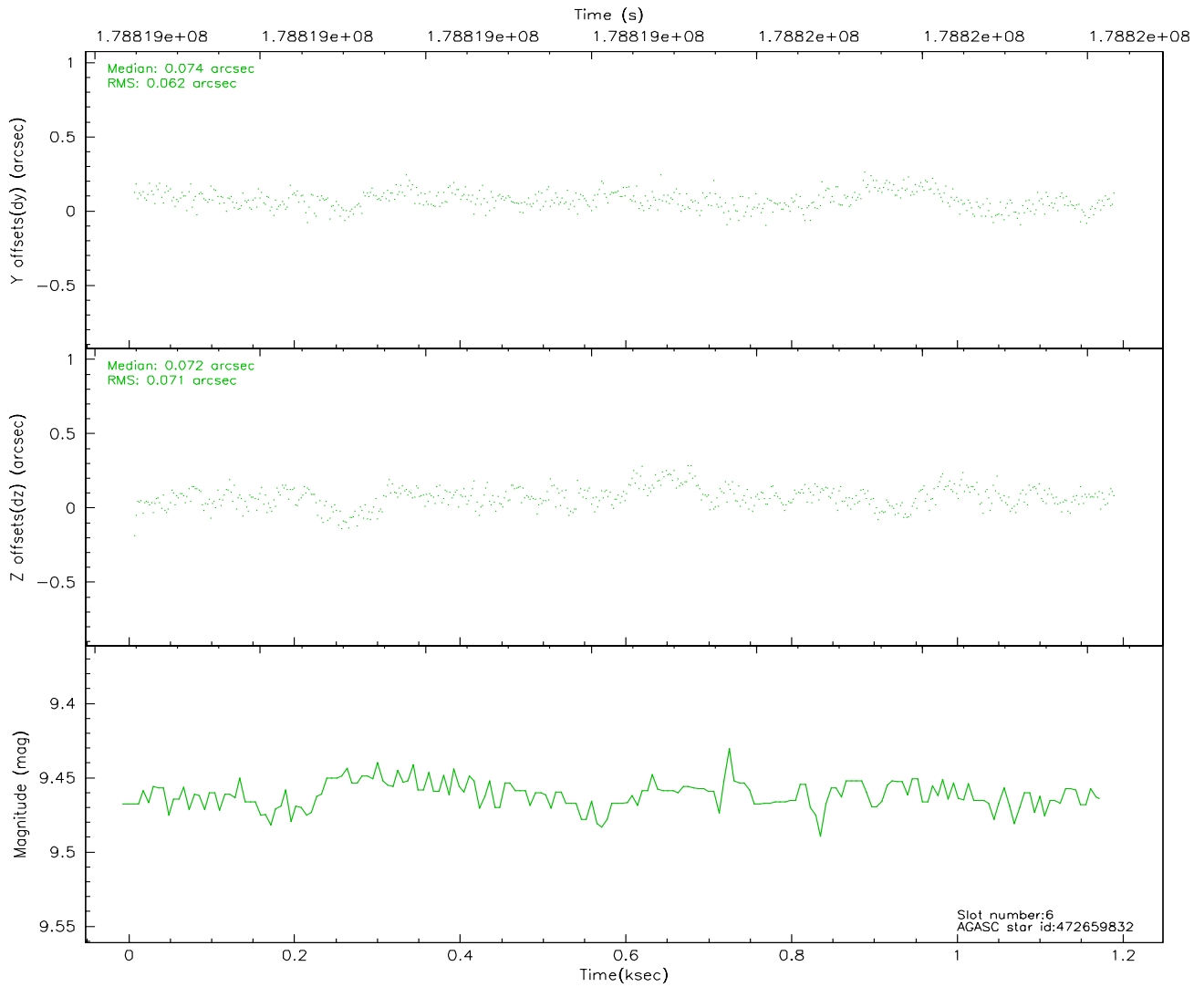
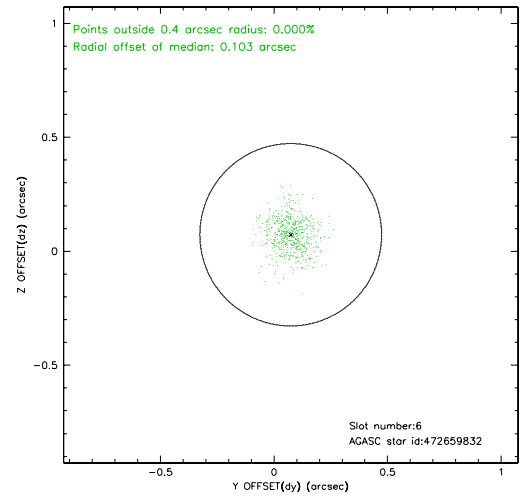
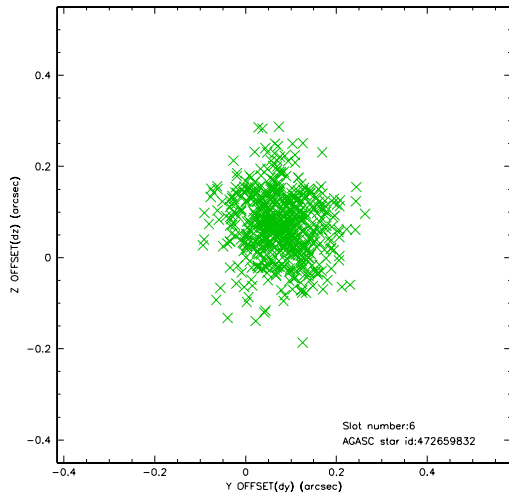
2.4.2 Slot 4



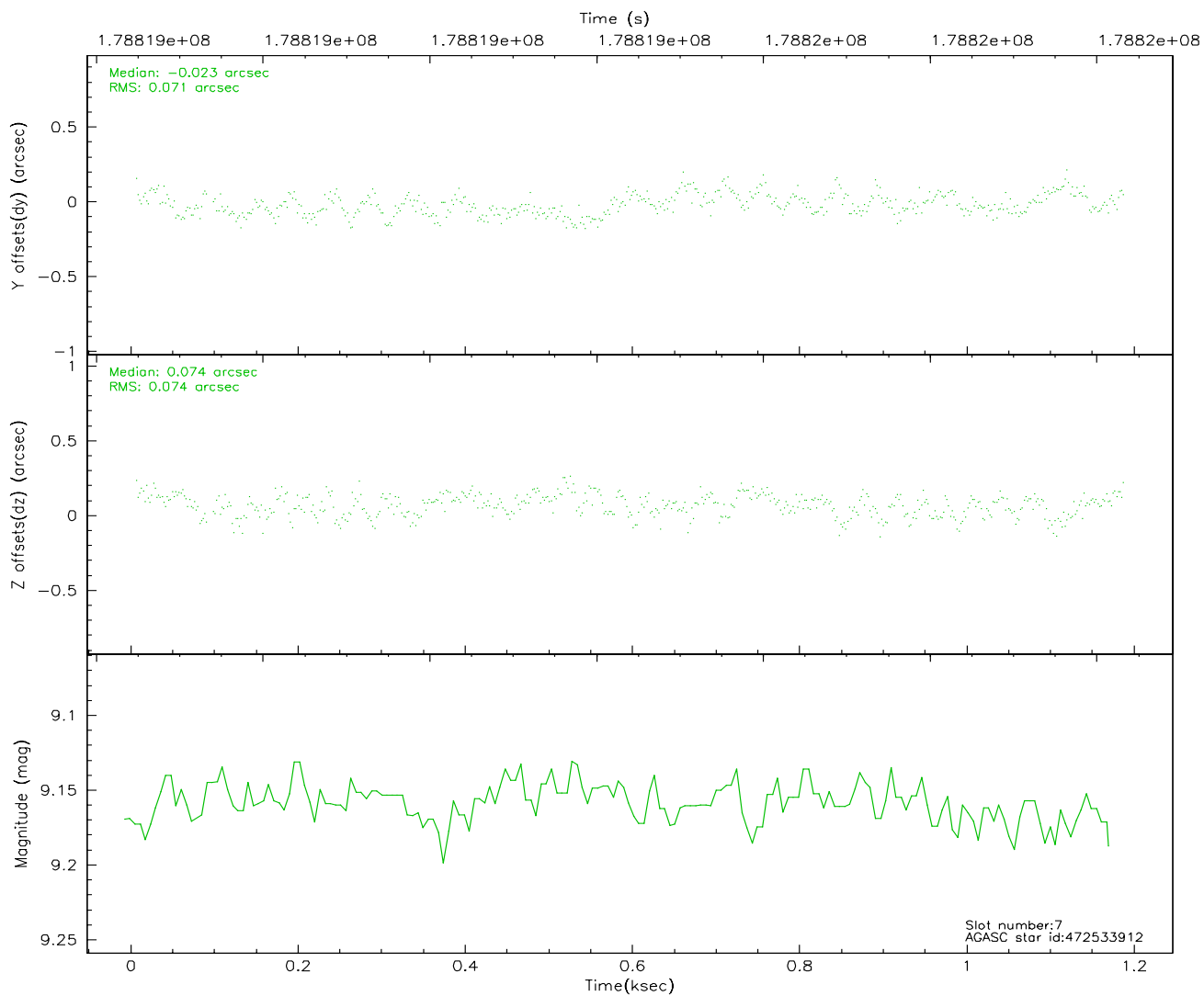
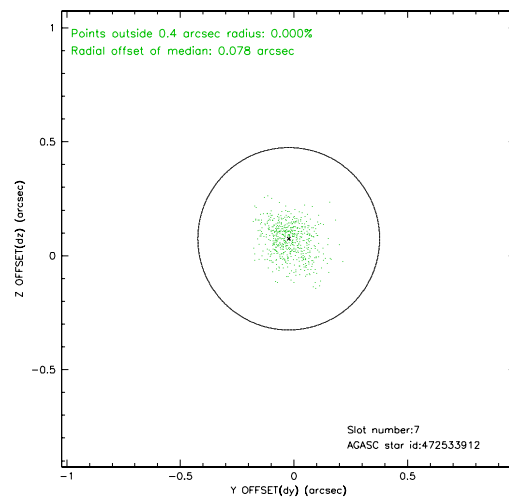
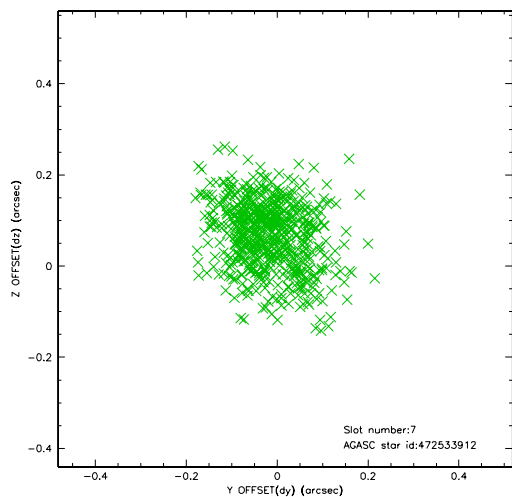
2.4.3 Slot 5



2.4.4 Slot 6

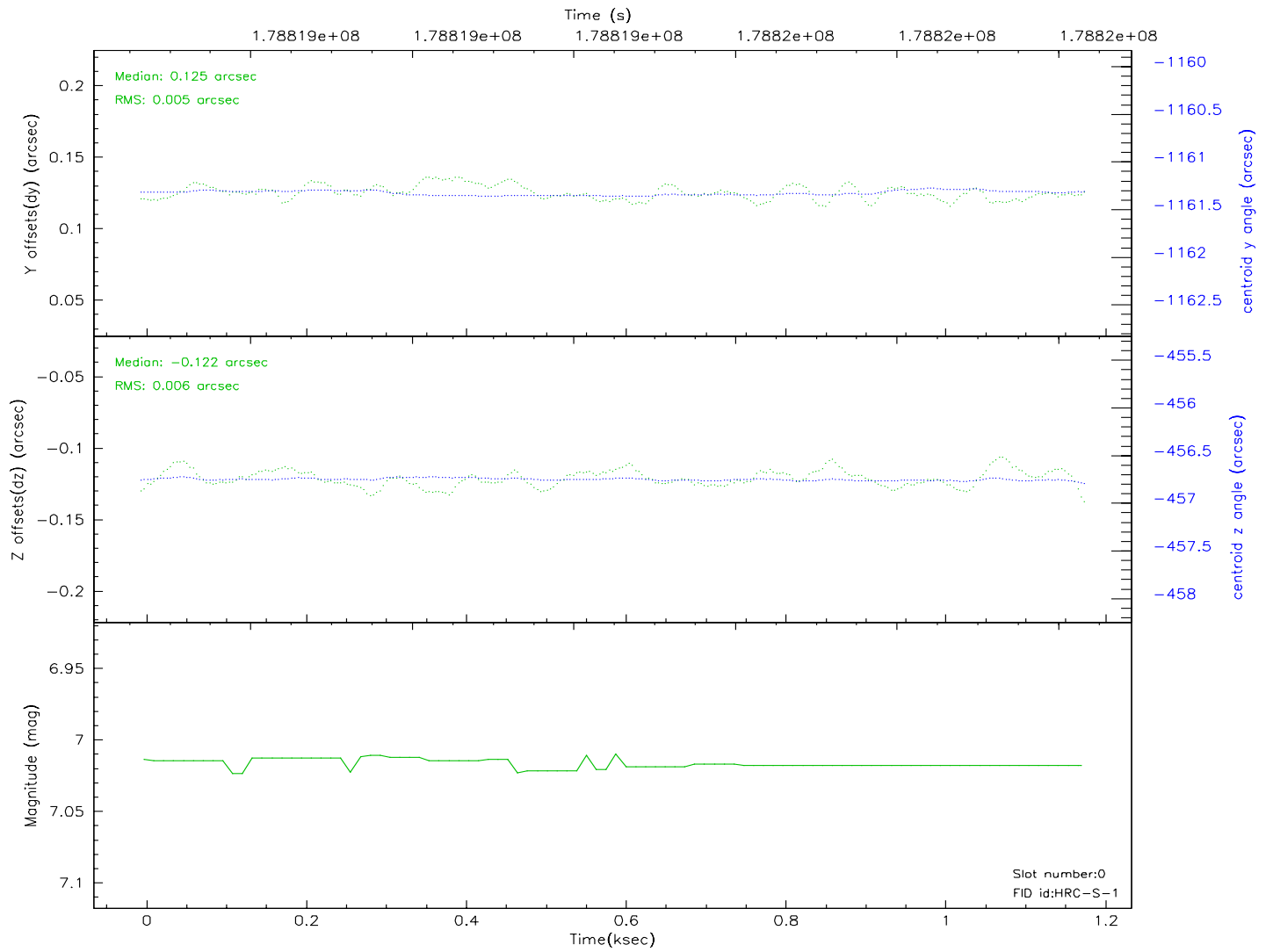
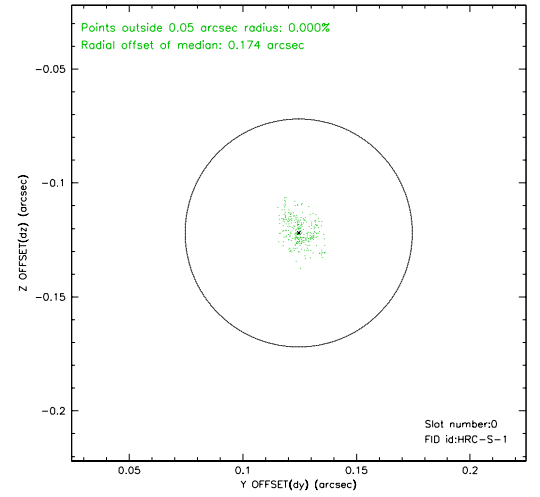
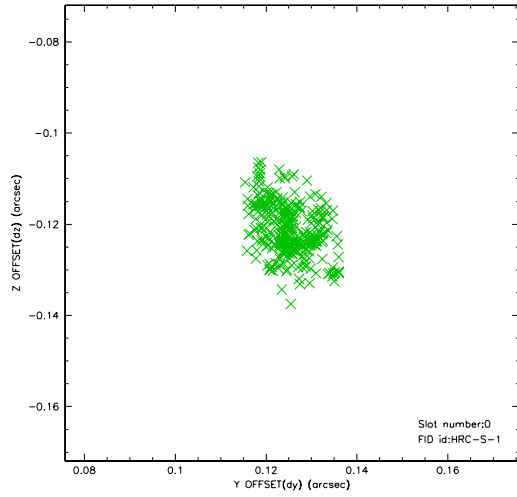


2.4.5 Slot 7

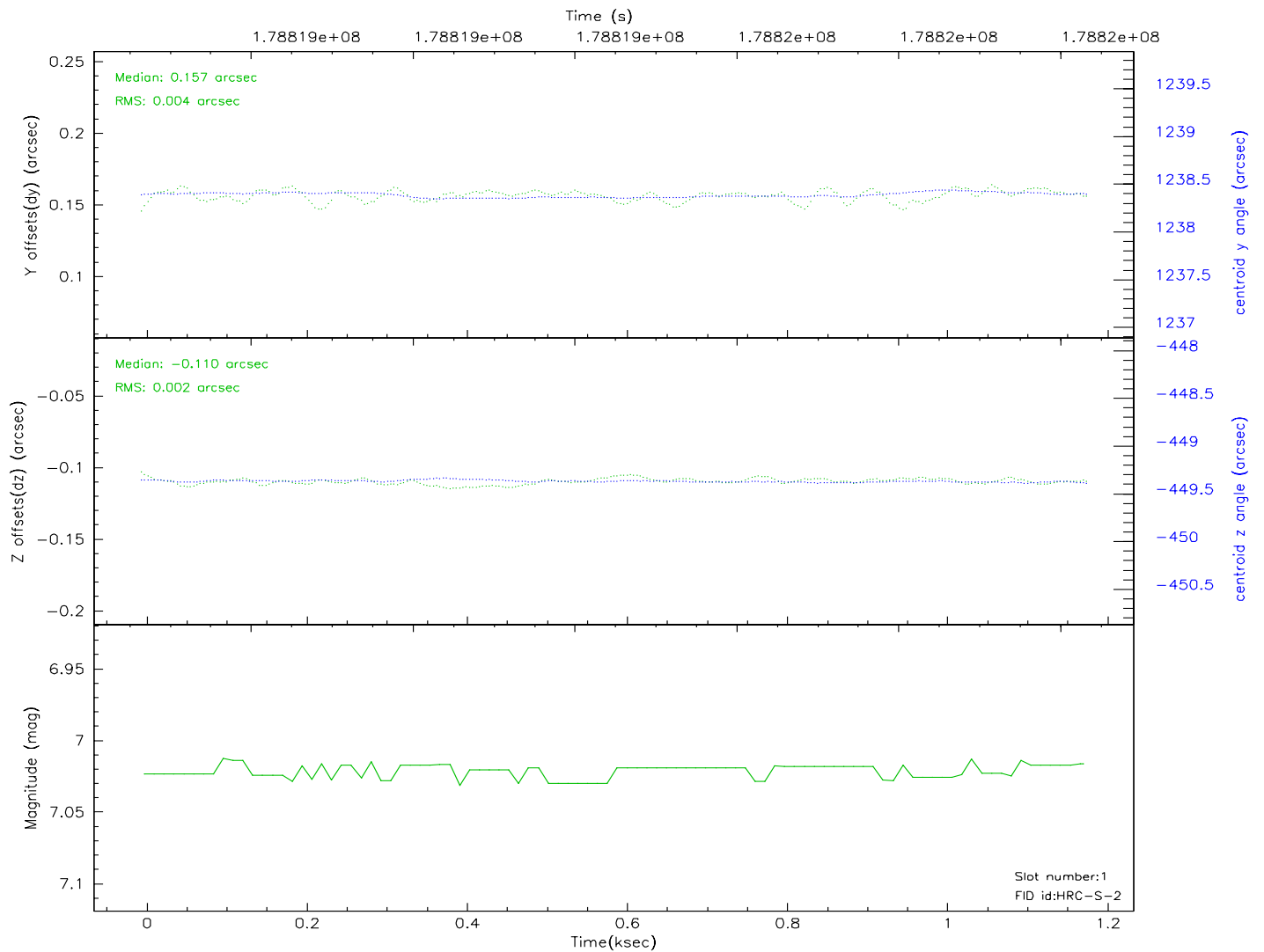
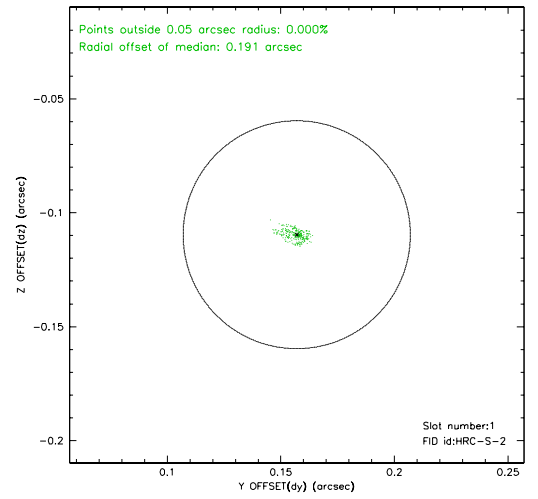
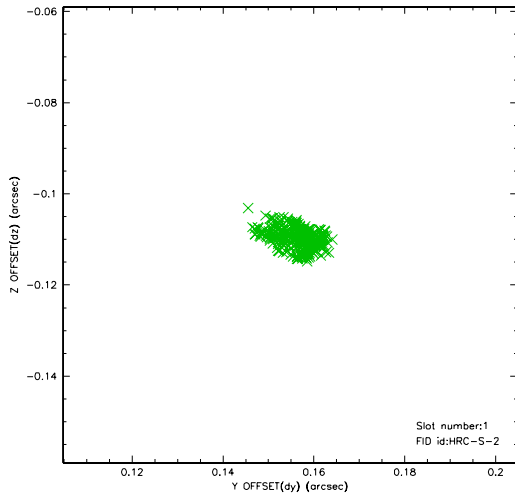


2.5 FID Slots

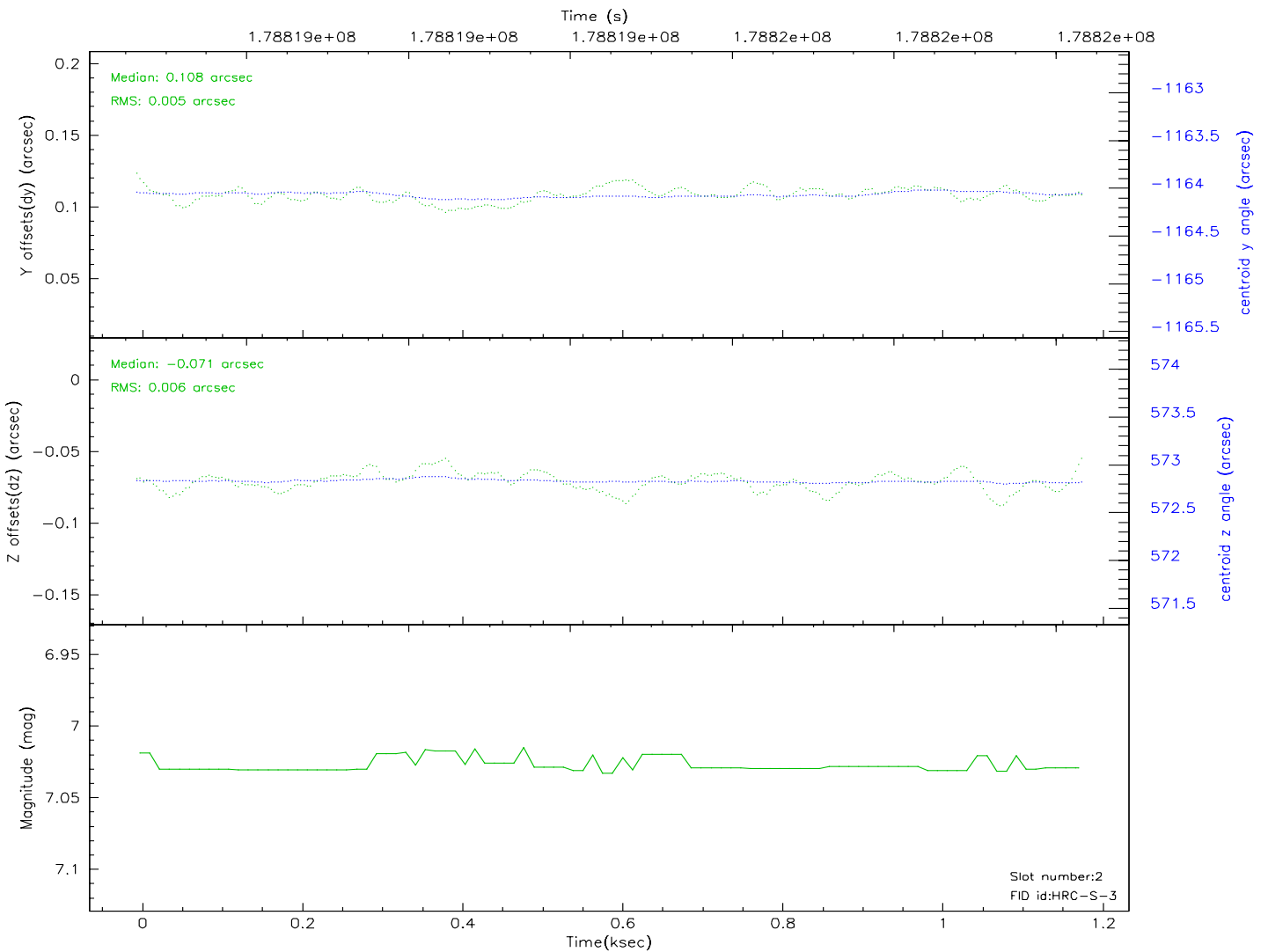
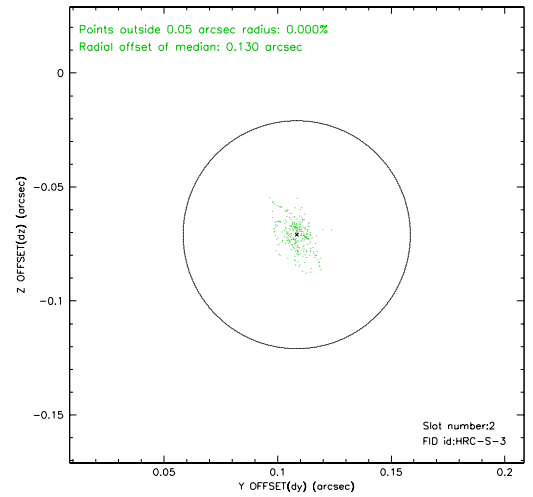
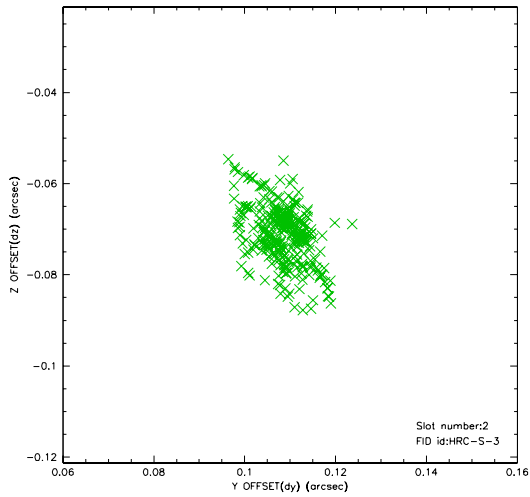
2.5.1 Slot 0



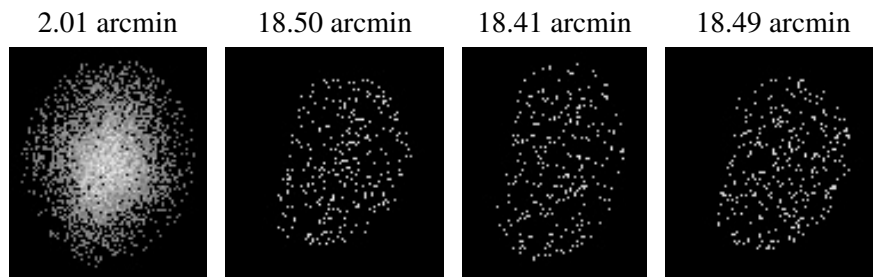
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments