

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13074 - L2 Version 4
Chandra X-Ray Center

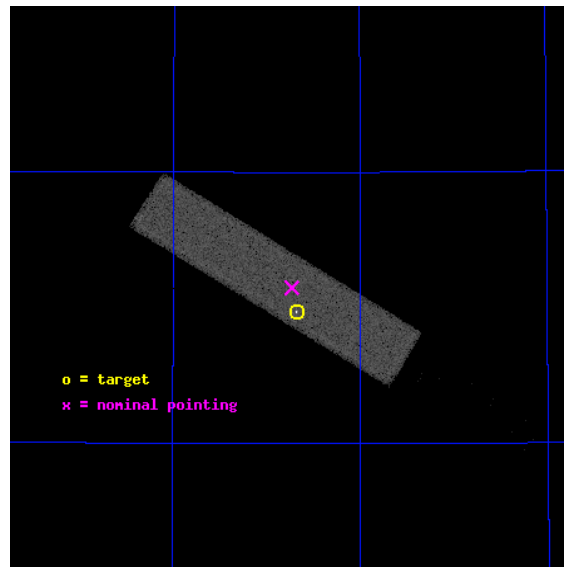
L2 Processing Date : Aug 9 2012

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1 Front

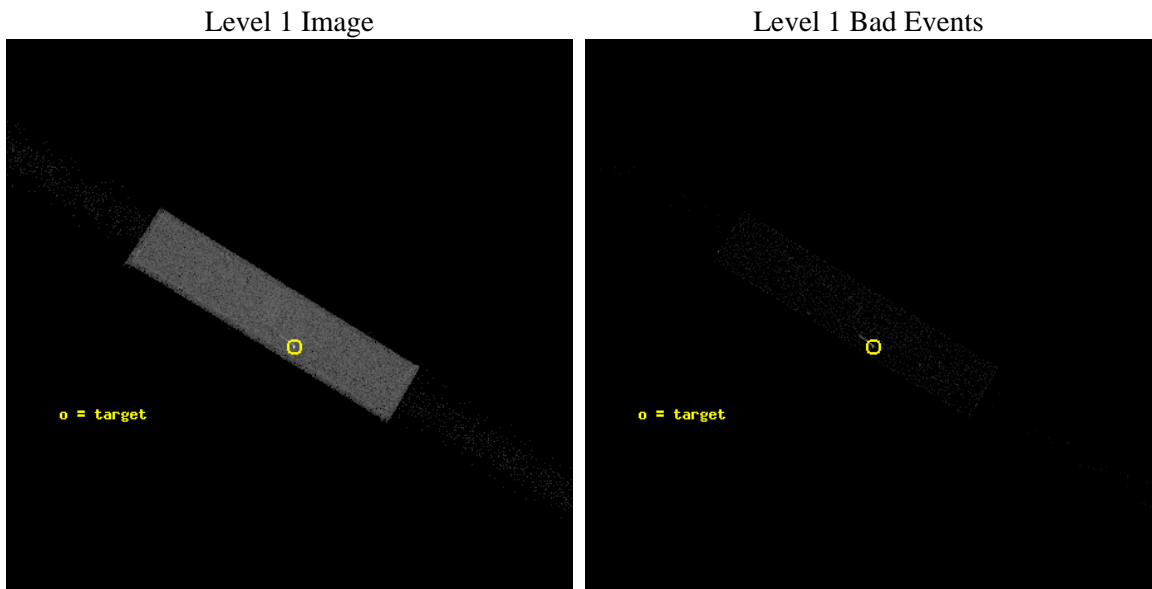
seq_num	290993	Sequence number
obs_id	13074	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.18241992228	Nominal RA [deg]
dec_nom	45.787091958947	Nominal Dec [deg]
roll_nom	211.27839600058	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1151.3313103914	[s]
livetime	1143.2665587551	Ontime multiplied by DTCOR
l2events	59910	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1151.3313103914	[s]
caldsver	4.5.1.1	 	l1events	93550	Number of level 1 events
date	2012-08-10T01:49:42	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

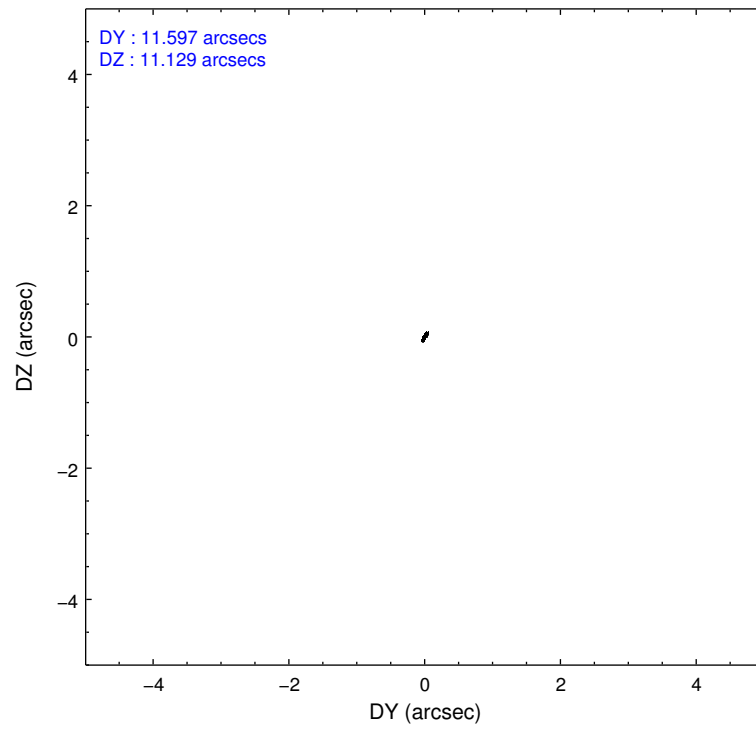
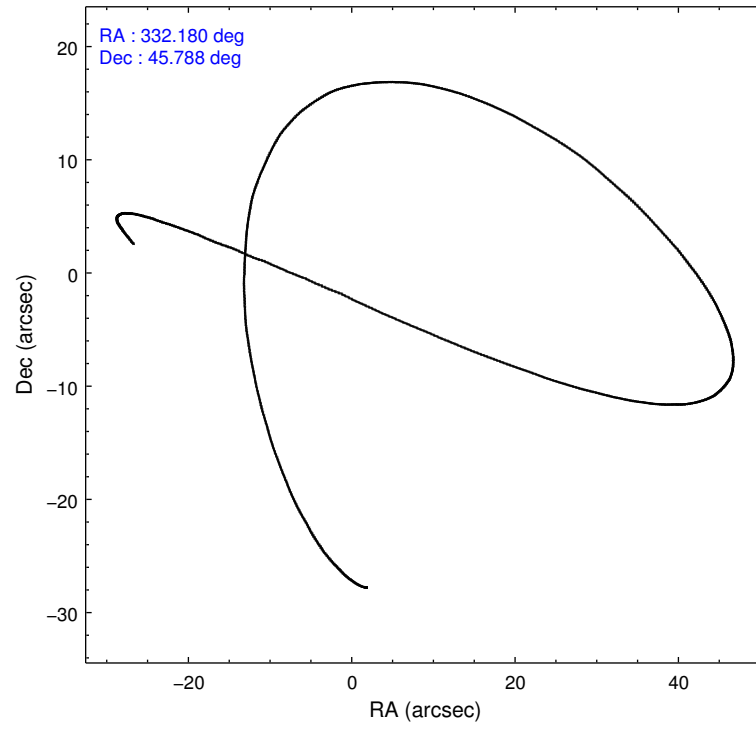
	segment 1	segment 2	segment 3
level 1 events	761	92014	775
rejected events	761	21305	752
rejected %	100%	23%	97%

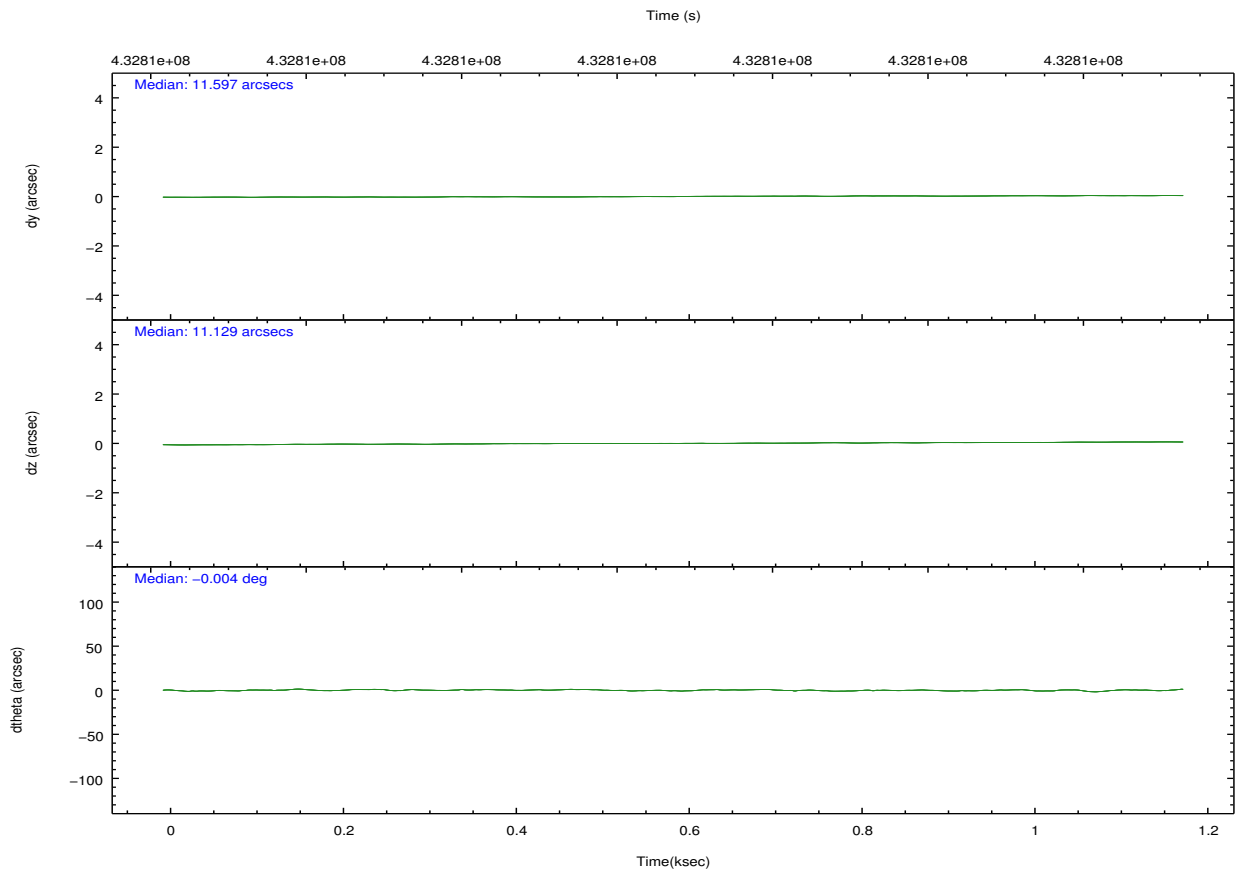
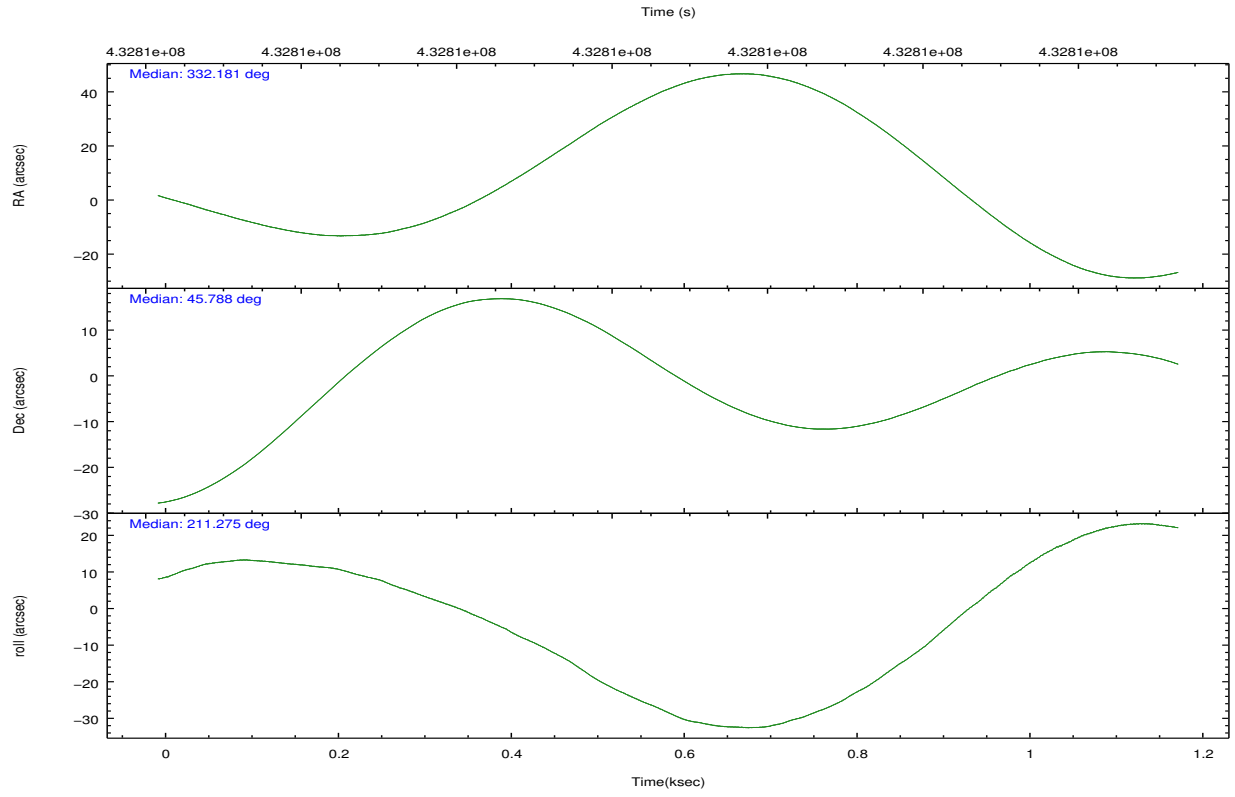
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.201249	332.1824199222763
[deg] Pointing Dec	45.812797	45.78709195894674
[deg] Pointing Roll	211.197515	211.2783960005803
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	432811052.184000	432810675.78732
Observation start date	2011-09-19T09:16:26	2011-09-19T09:11:15
[s] Observation end time (MET)	432812052.184000	432812186.1249
Observation end date	2011-09-19T09:33:06	2011-09-19T09:36:26

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



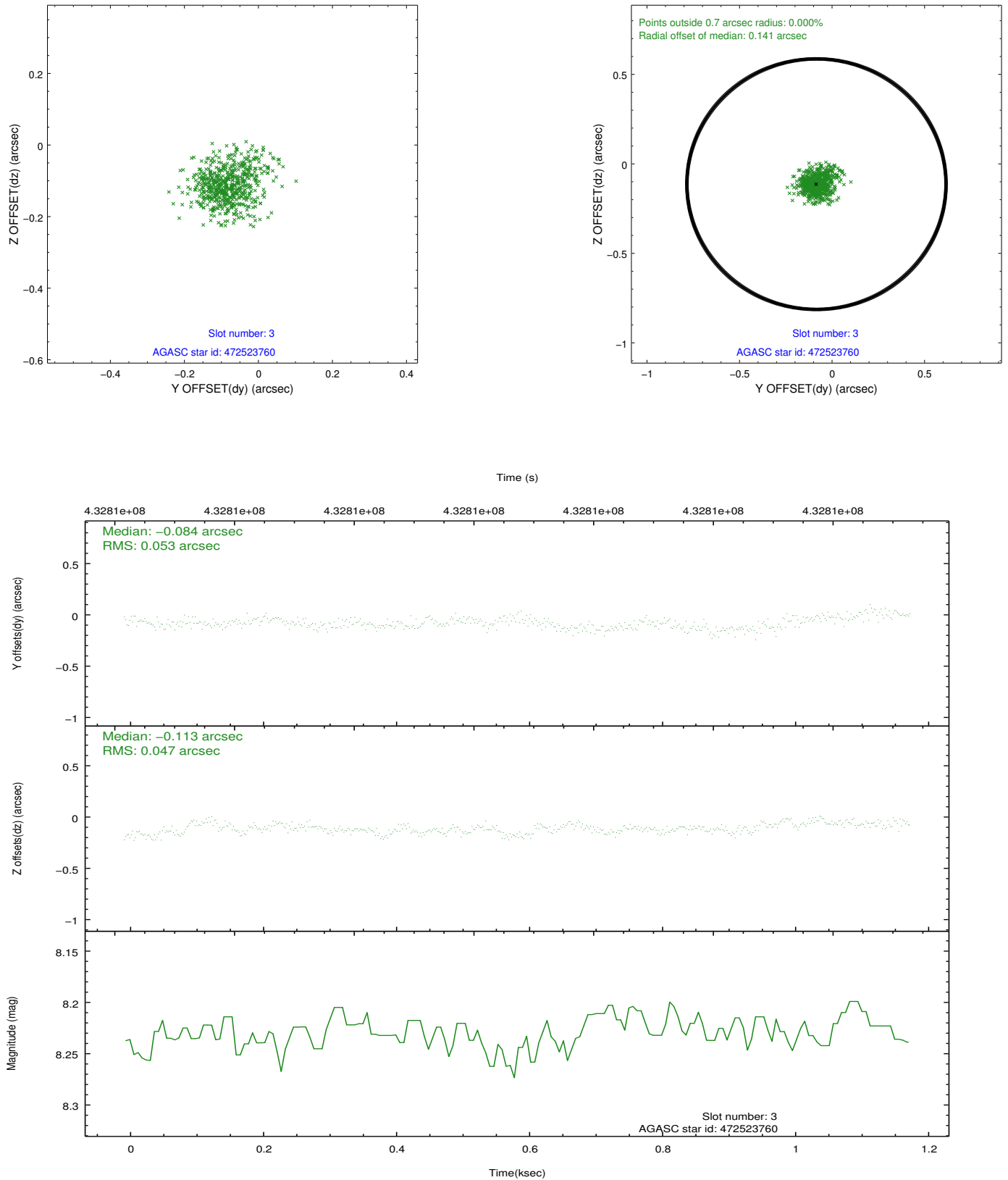


Slot Statistics

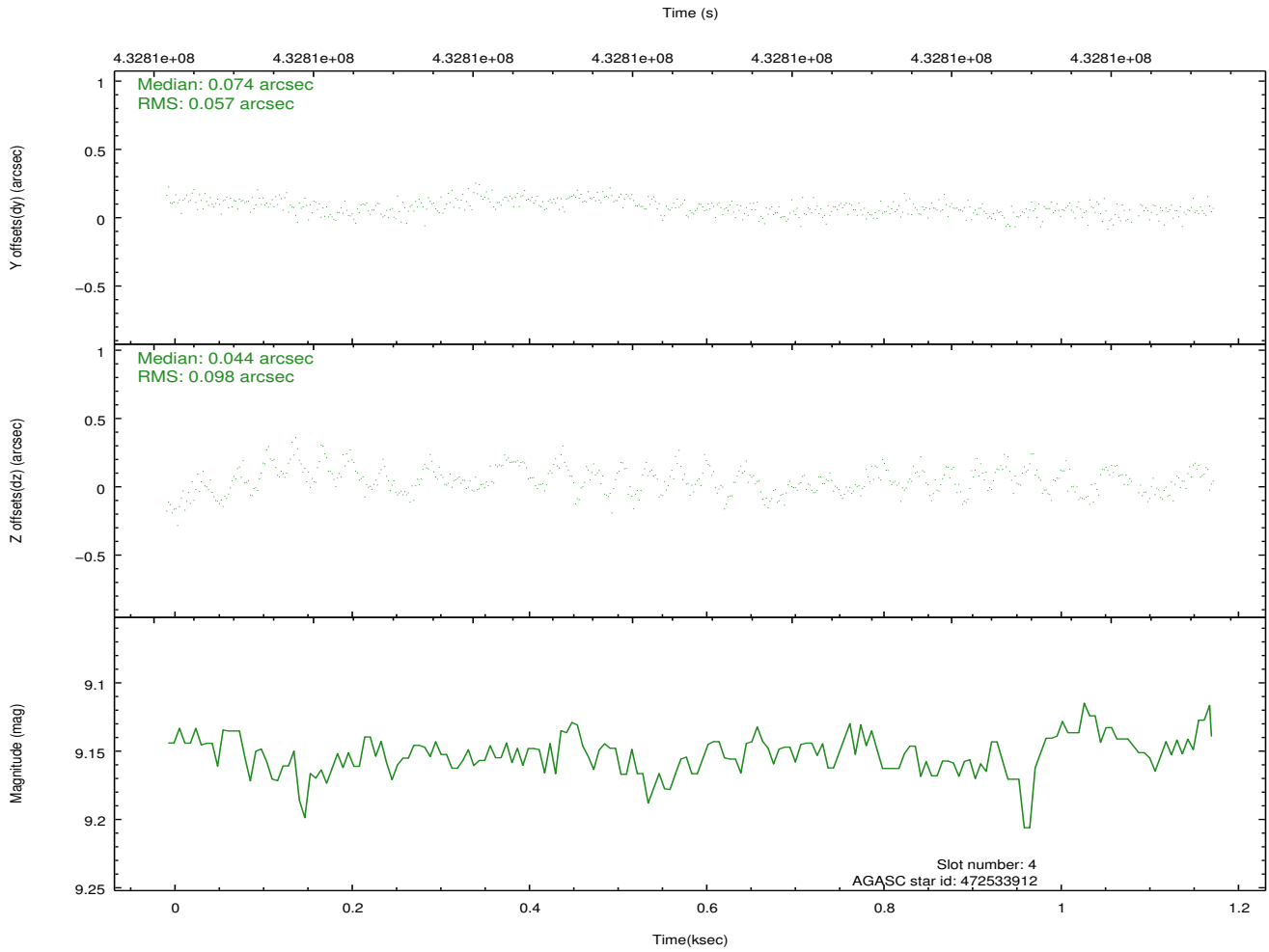
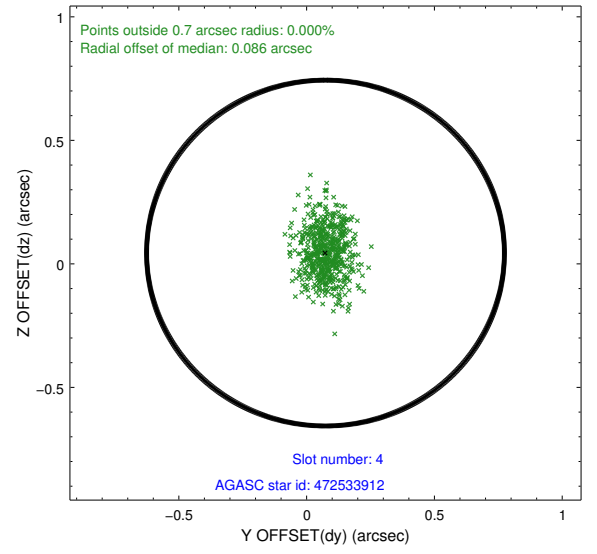
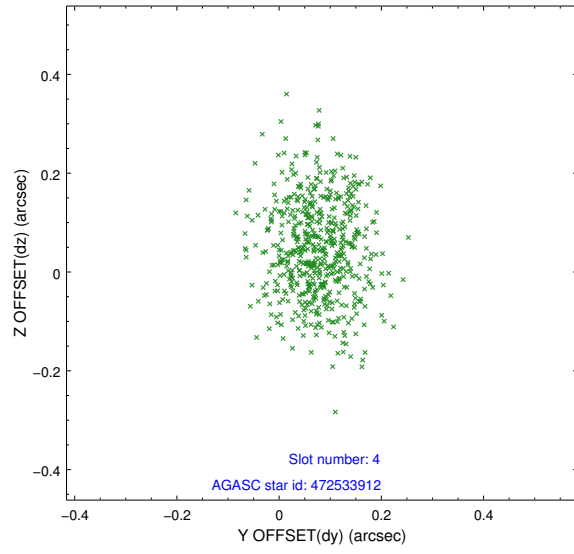
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	288	0.040	-0.148	0.007	0.012	0.000000	0.000000	-1165.95	-459.80
1	FID	HRC-S-2	6.97	288	0.300	-0.134	0.005	0.010	0.000000	0.000000	1229.92	-454.01
2	FID	HRC-S-3	6.99	288	0.051	-0.020	0.006	0.010	0.000000	0.000000	-1164.39	568.27
3	GUIDE	472523760	8.23	577	-0.084	-0.113	0.076	0.126	331.645363	45.403260	1961.80	531.00
4	GUIDE	472533912	9.15	574	0.074	0.044	0.120	0.199	331.791136	46.368695	-164.04	-2239.13
5	GUIDE	472655152	9.41	572	-0.003	-0.182	0.134	0.206	332.504239	45.862991	-745.65	235.32
6	GUIDE	472665256	9.00	574	0.062	0.186	0.086	0.137	332.808125	46.195041	-2011.93	-396.45
7	GUIDE	472654568	9.41	576	-0.046	0.076	0.134	0.197	332.194449	45.063576	1407.02	2299.49

2.4 Star Slots

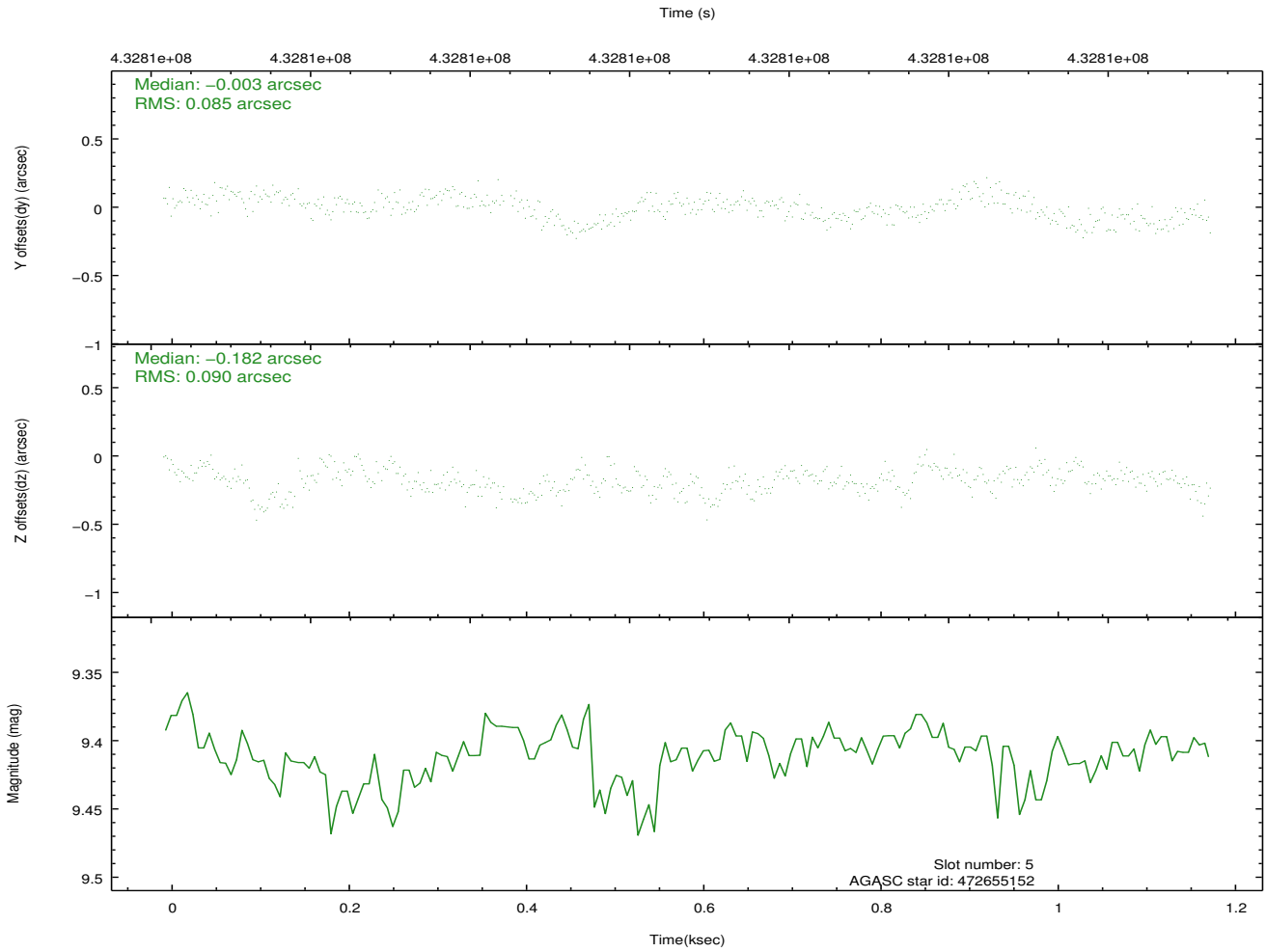
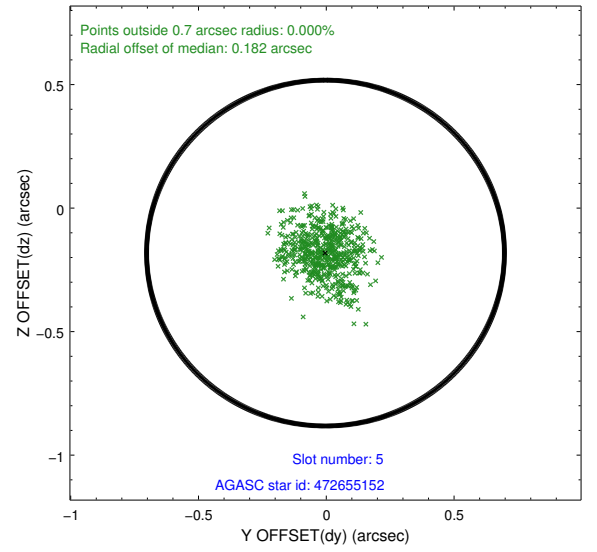
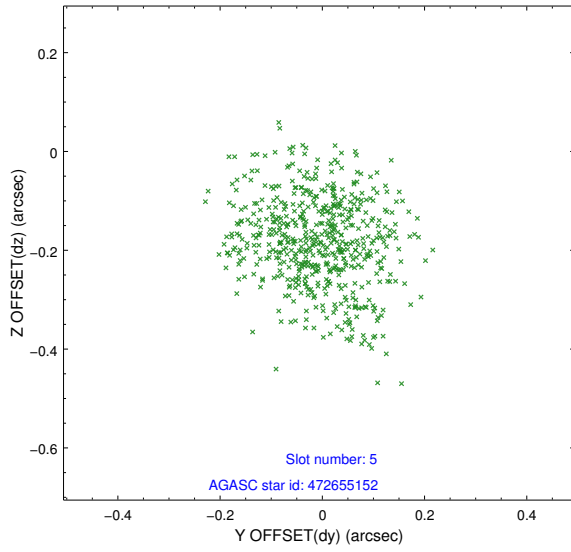
2.4.1 Slot 3



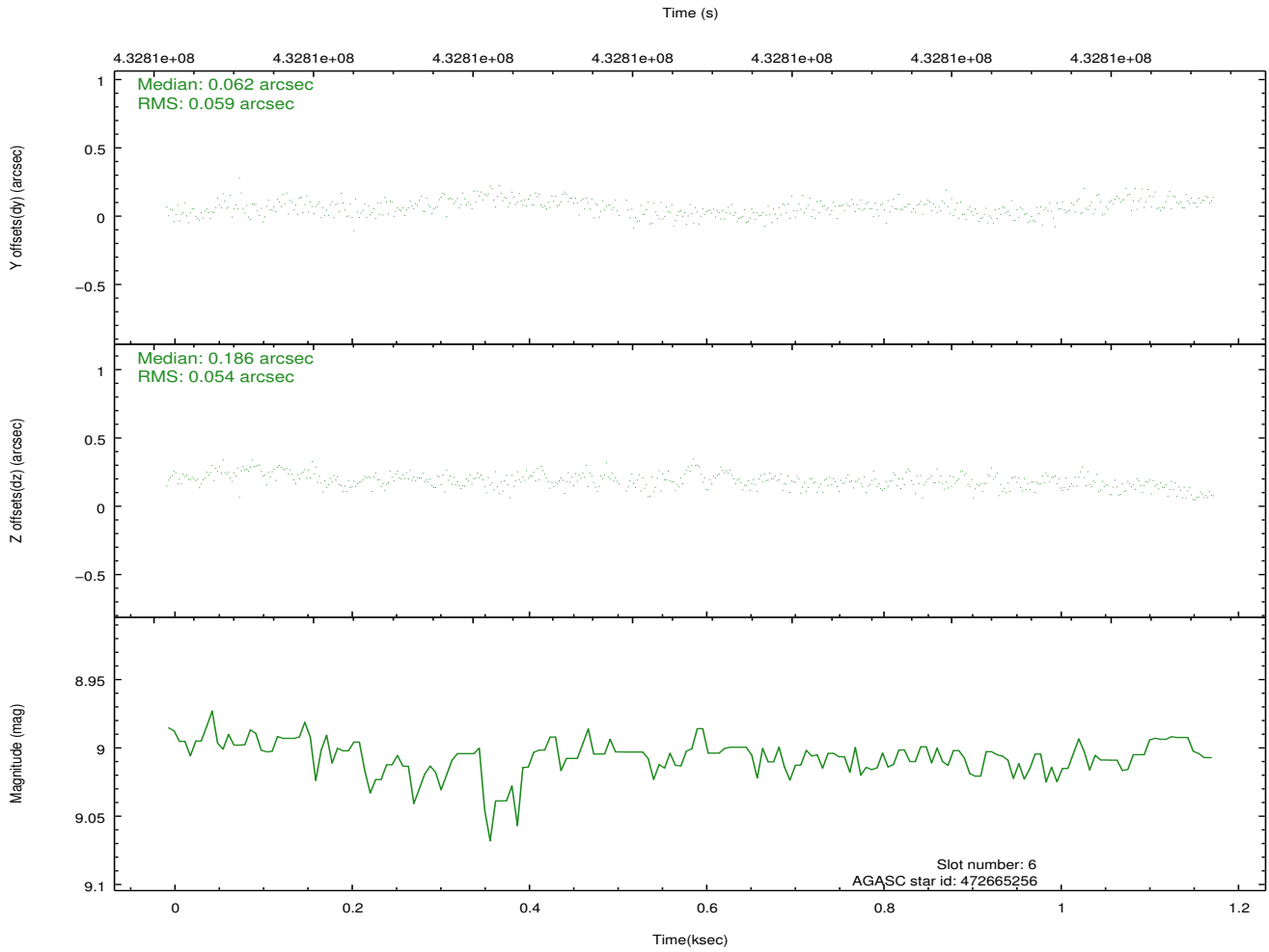
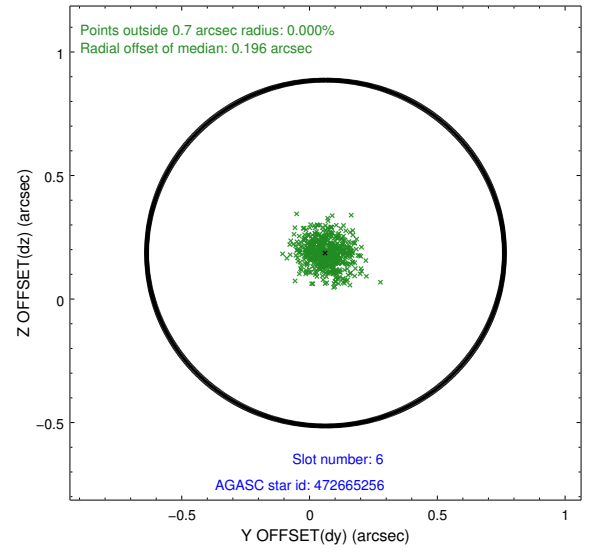
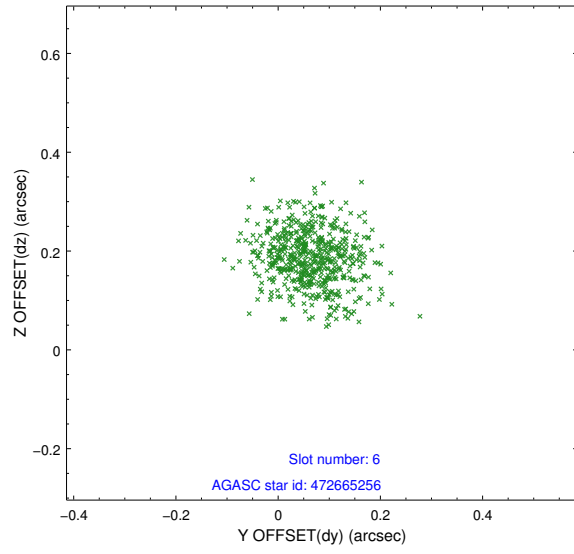
2.4.2 Slot 4



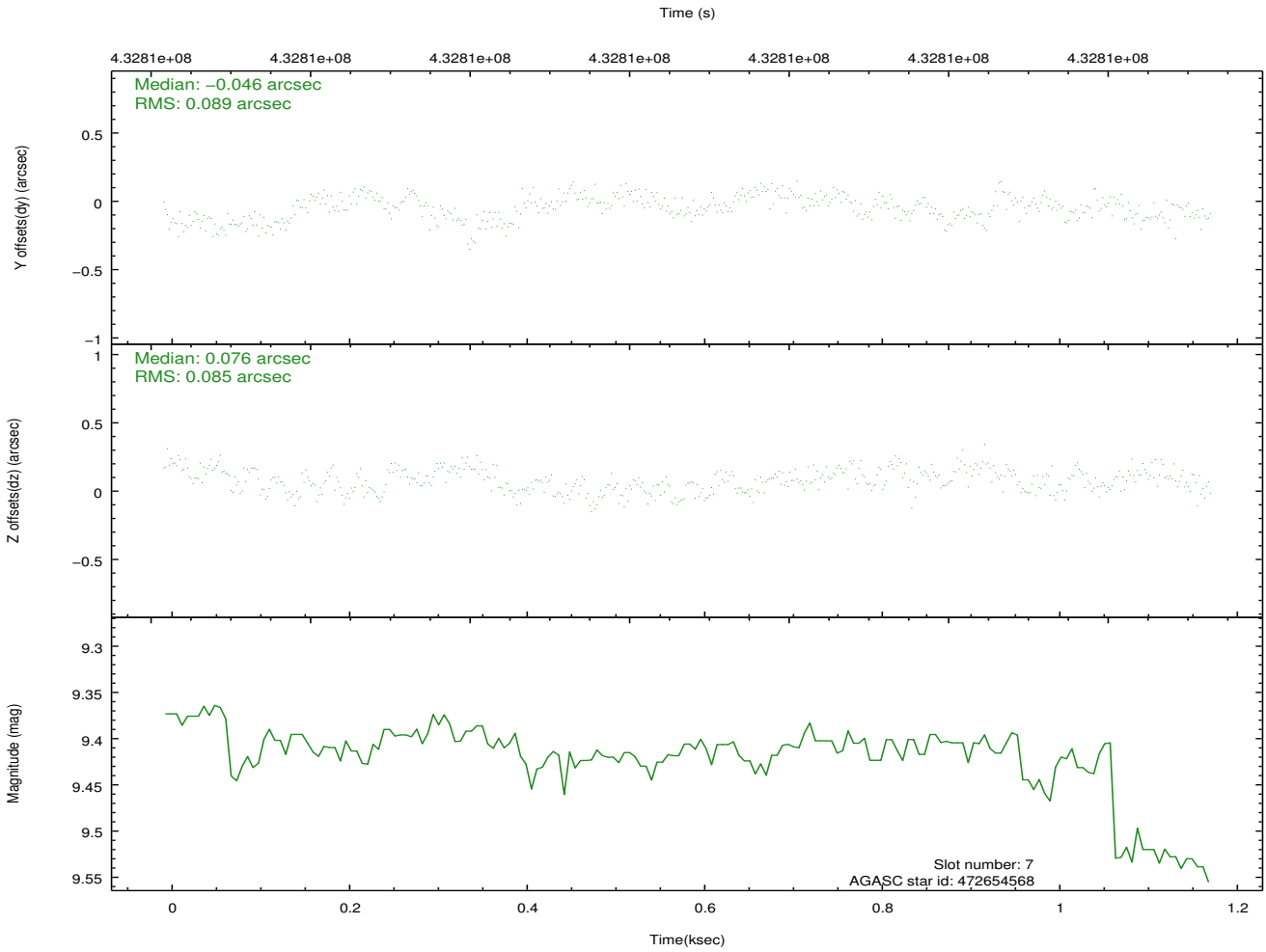
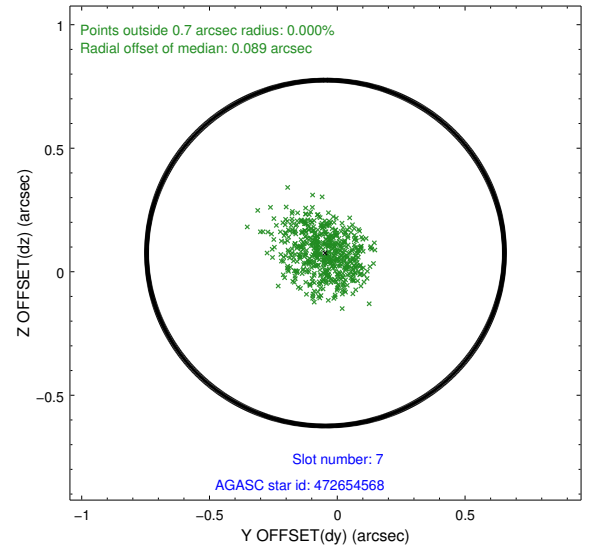
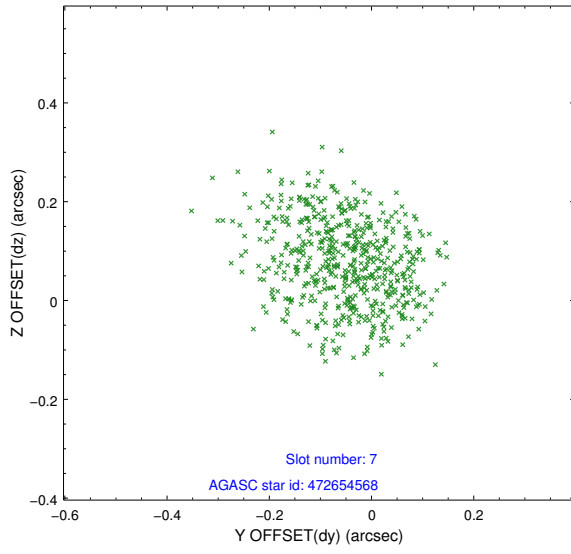
2.4.3 Slot 5



2.4.4 Slot 6

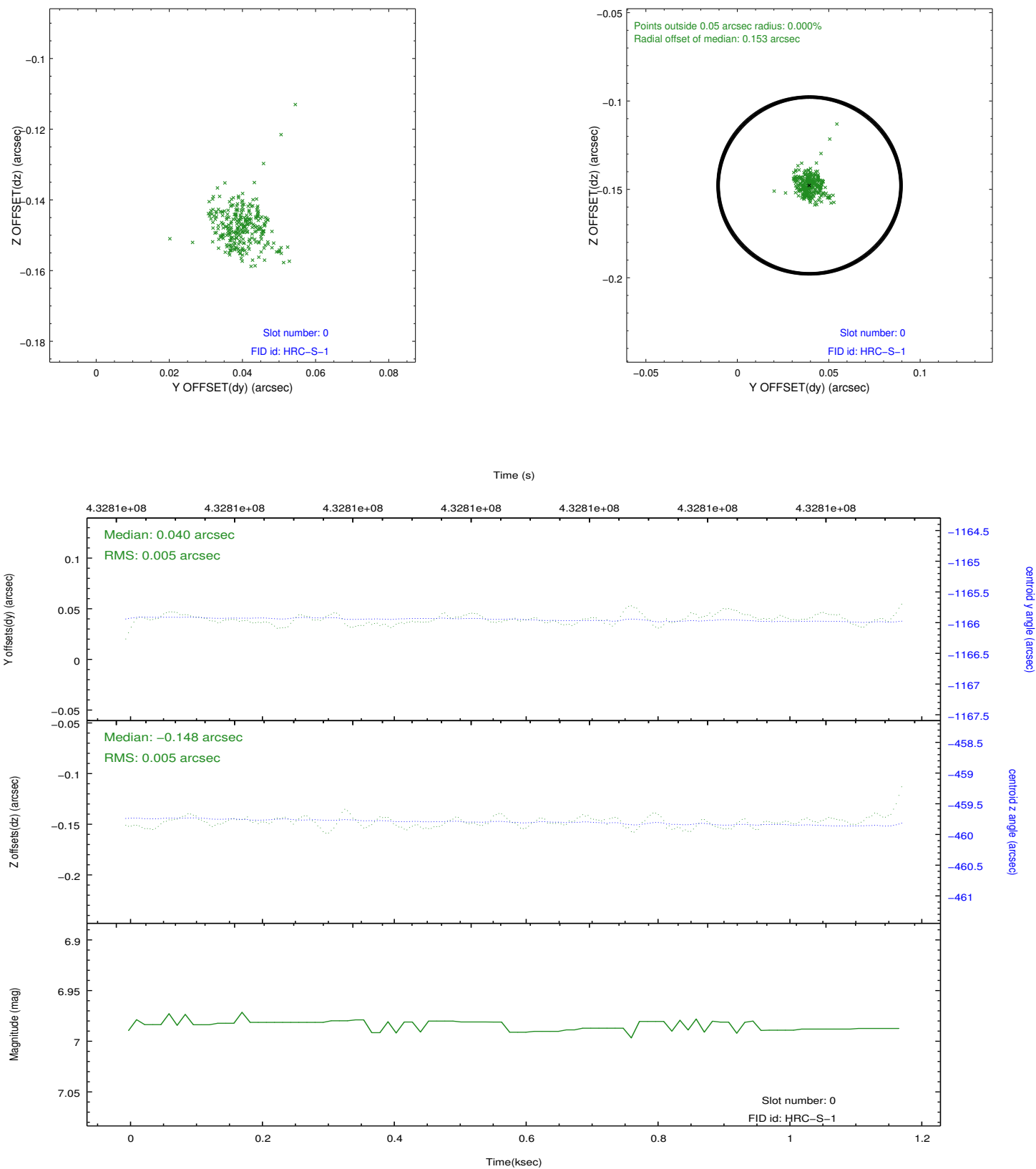


2.4.5 Slot 7

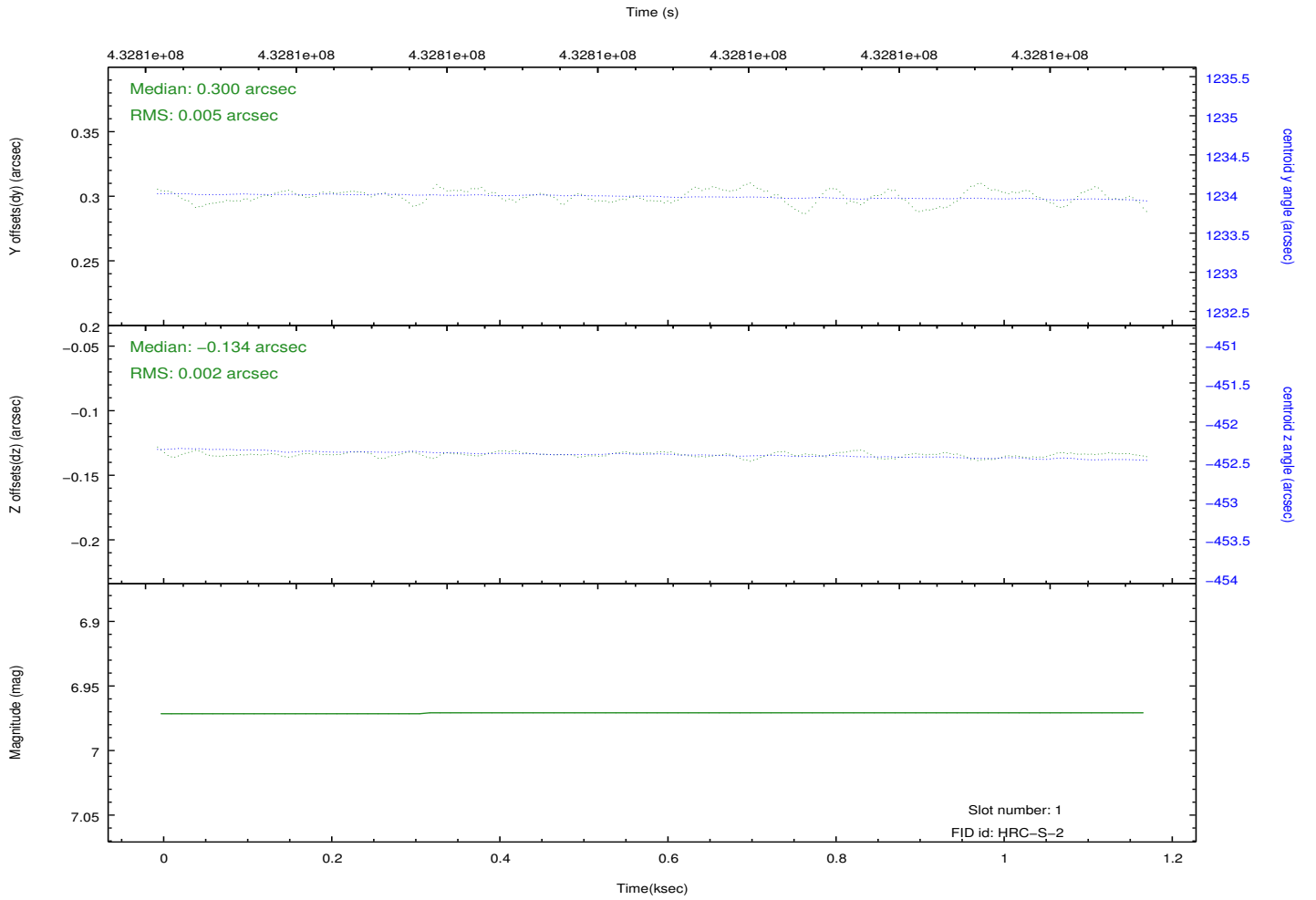
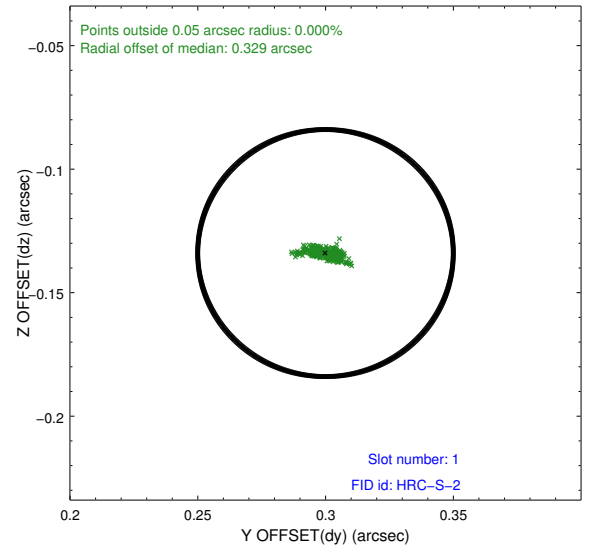
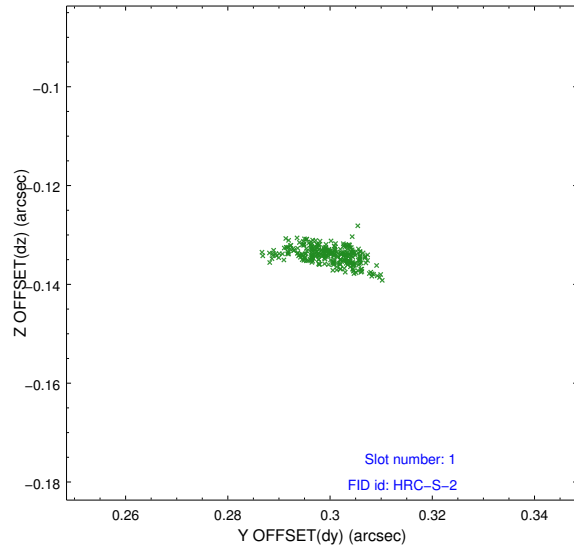


2.5 FID Slots

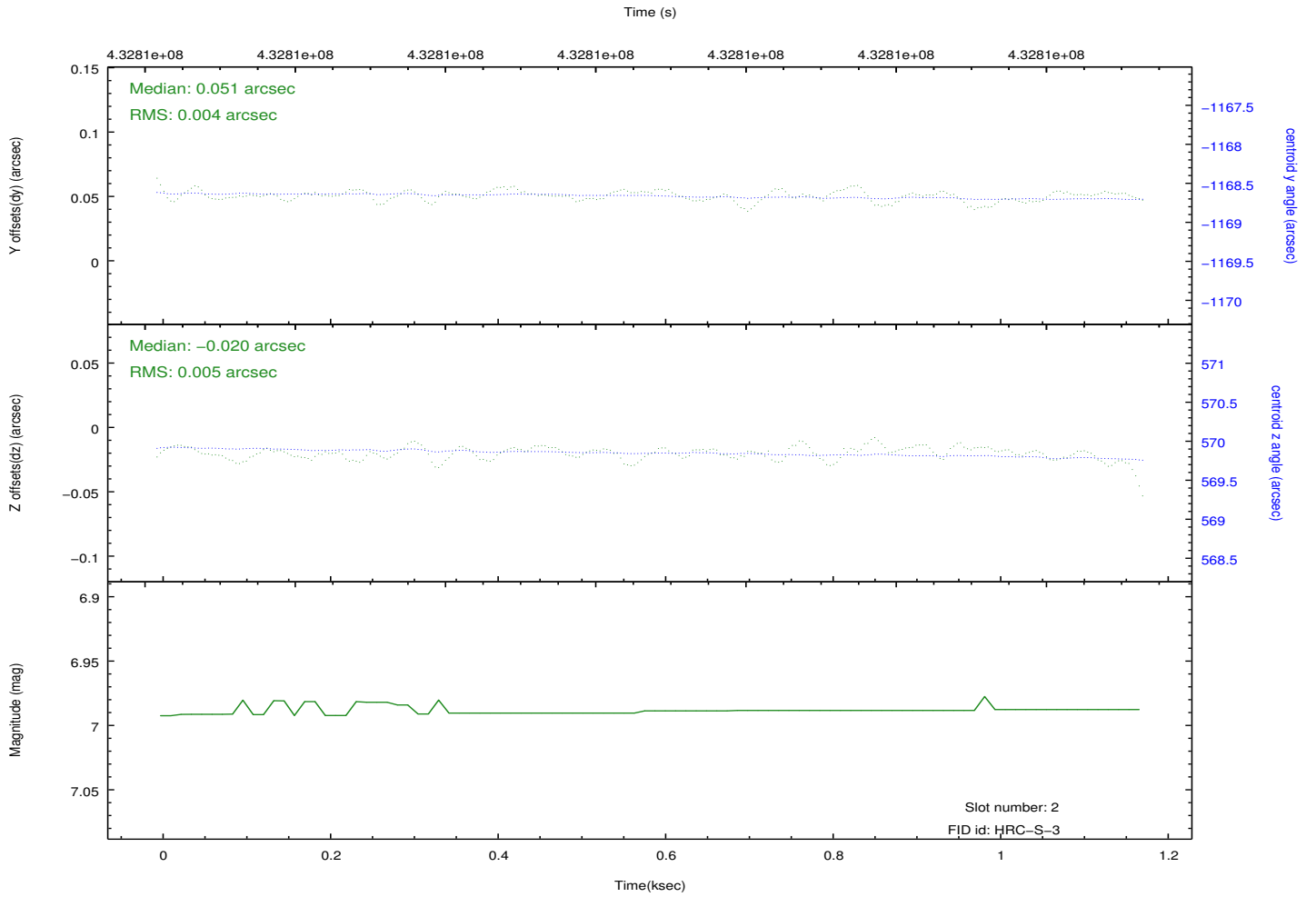
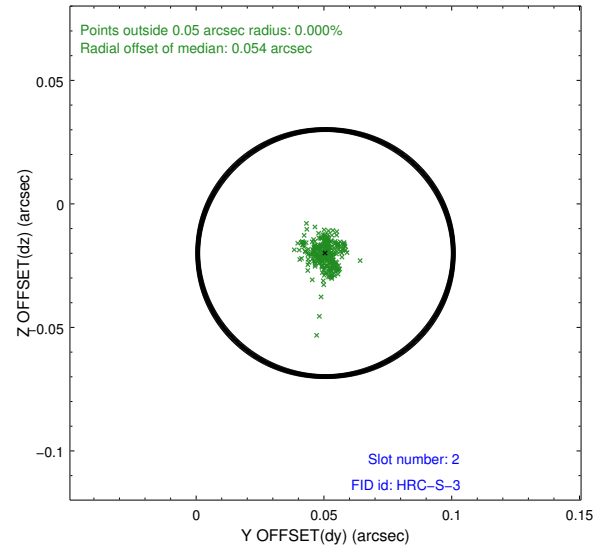
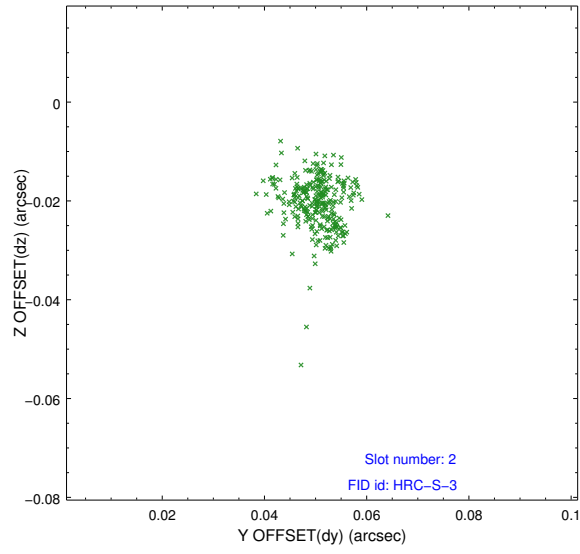
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1510750603676

A.2 Comments