

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9677 - L2 Version 3
Chandra X-Ray Center

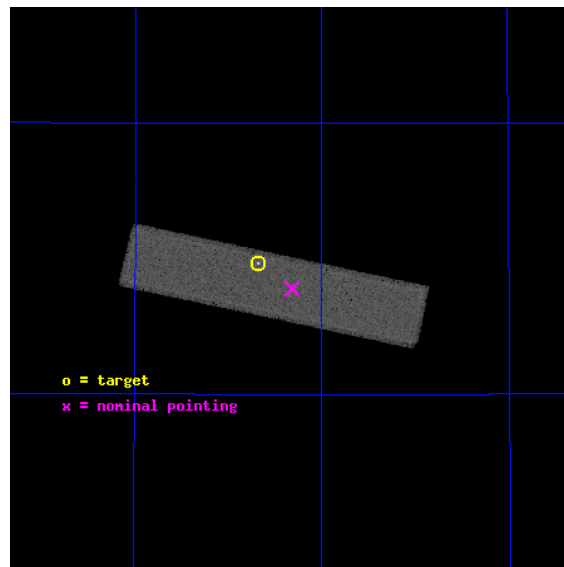
L2 Processing Date : Aug 12 2012

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1 Front

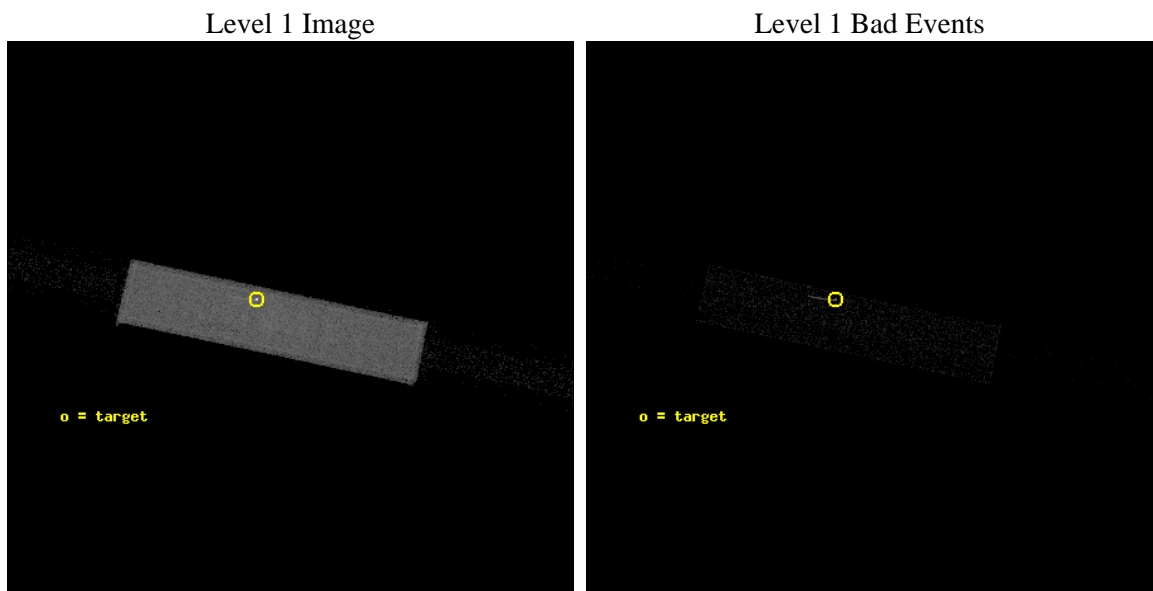
seq_num	290800	Sequence number
obs_id	9677	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.07955525942	Nominal RA [deg]
dec_nom	45.695319565589	Nominal Dec [deg]
roll_nom	191.85513147156	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1335.831315577	[s]
livetime	1323.9203425698	Ontime multiplied by DTCOR
l2events	85086	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1335.831315577	[s]
caldsver	4.5.1.1	 	l1events	129814	Number of level 1 events
date	2012-08-12T18:12:51	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

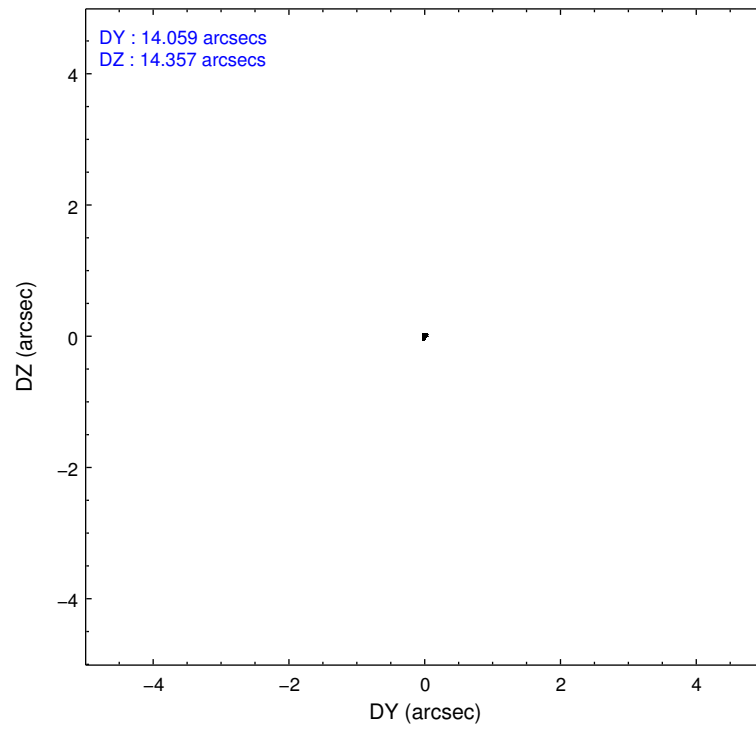
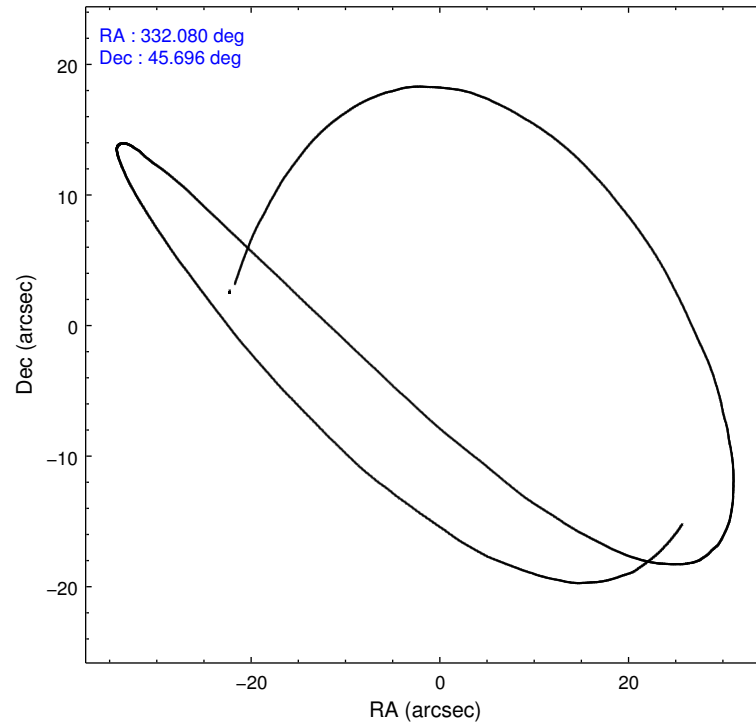
	segment 1	segment 2	segment 3
level 1 events	1056	127710	1048
rejected events	1056	25811	1048
rejected %	100%	20%	100%

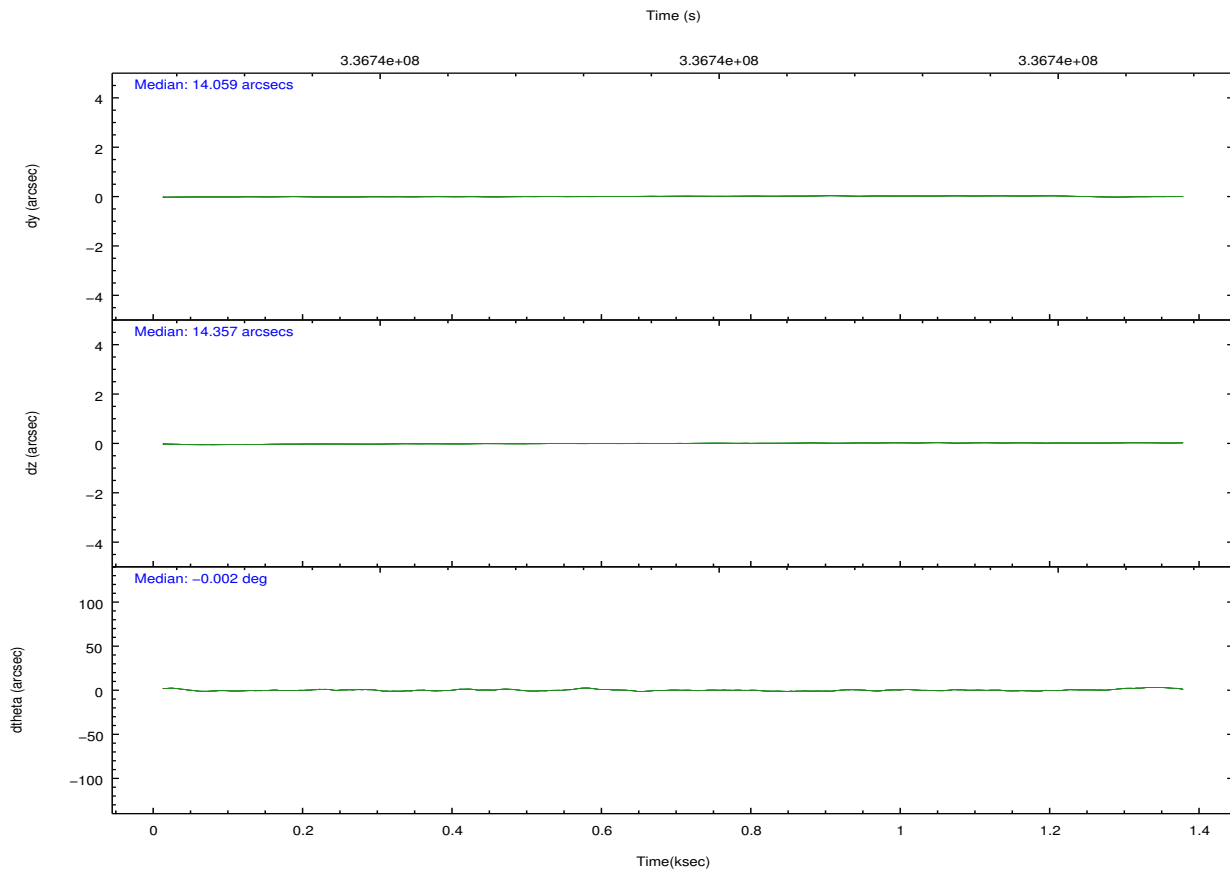
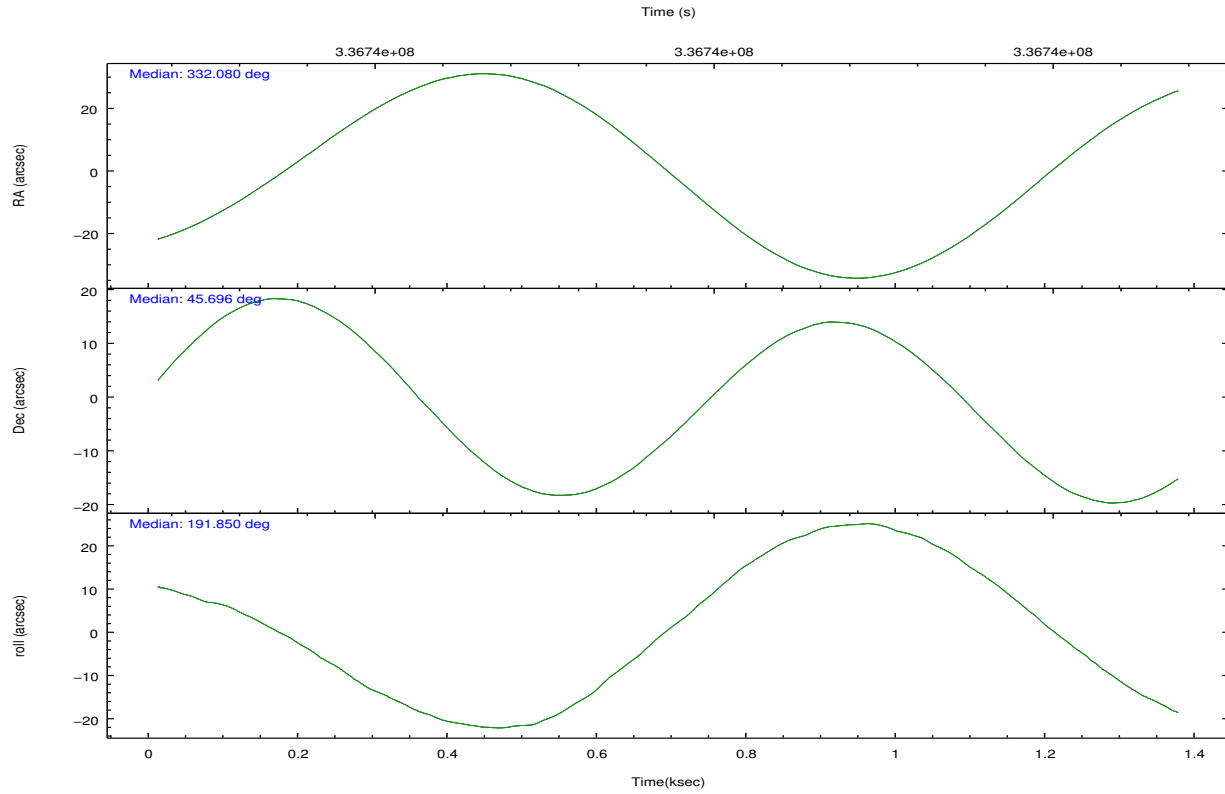
2.2 Compared Parameters

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	332.108768	332.0795552594199
[deg] Pointing Dec	45.715375	45.69531956558921
[deg] Pointing Roll	191.766892	191.8551314715636
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	336739943.184000	336739567.12157
Observation start date	2008-09-02T10:51:18	2008-09-02T10:46:07
[s] Observation end time (MET)	336741123.184000	336741256.32165
Observation end date	2008-09-02T11:10:58	2008-09-02T11:14:16

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

2.3 Aspect



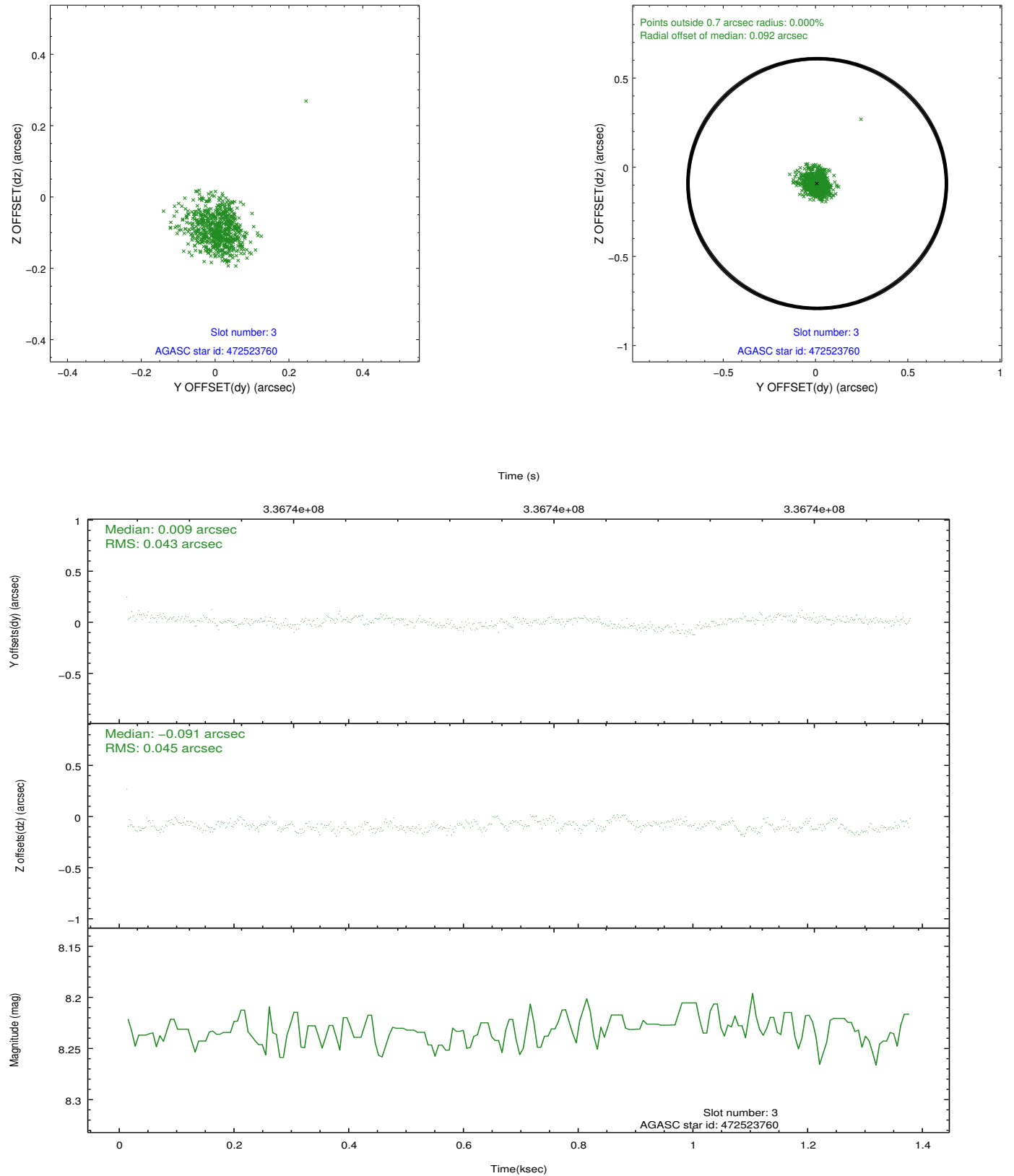


Slot Statistics

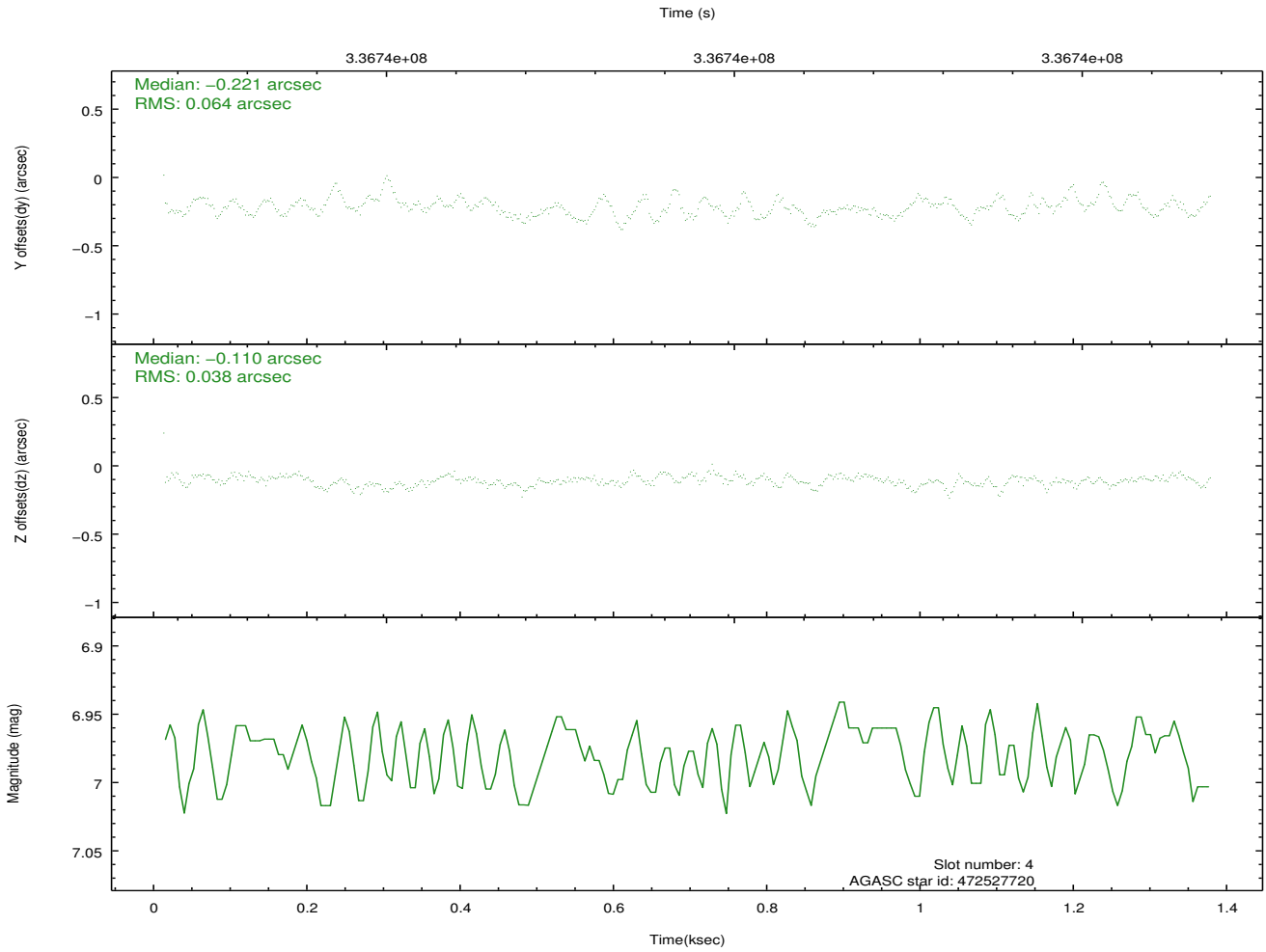
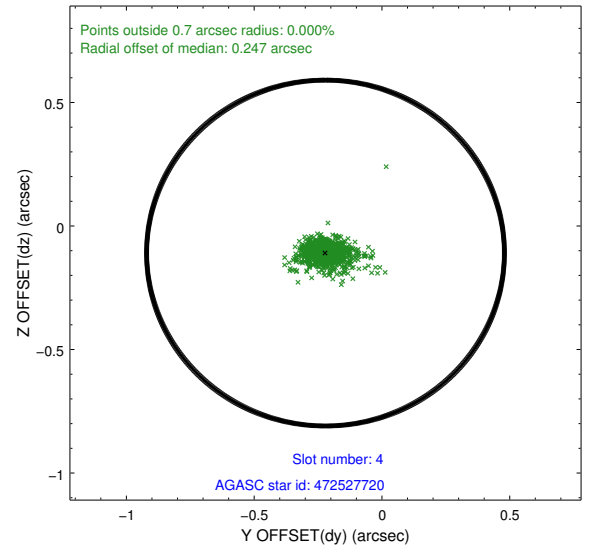
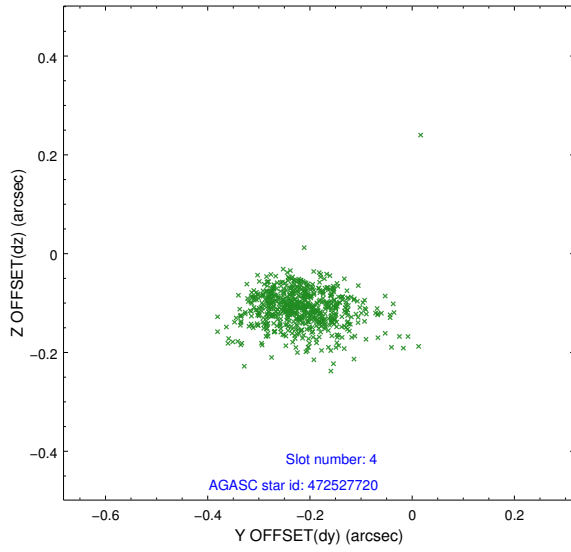
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.00	334	0.174	-0.156	0.008	0.017	0.000000	0.000000	1231.31	-455.85
1	FID	HRC-S-3	7.01	334	0.060	-0.082	0.005	0.010	0.000000	0.000000	-1167.47	565.08
2	FID	HRC-S-4	6.95	334	0.171	-0.058	0.008	0.019	0.000000	0.000000	1226.41	570.66
3	GUIDE	472523760	8.23	667	0.009	-0.091	0.062	0.105	331.645363	45.403260	1375.56	858.53
4	GUIDE	472527720	6.98	667	-0.221	-0.110	0.073	0.131	331.460205	45.112509	2056.47	1784.22
5	GUIDE	472535576	7.88	667	-0.115	0.082	0.074	0.109	331.438373	46.291802	1211.61	-2375.01
6	GUIDE	472655152	9.44	667	0.128	0.066	0.128	0.205	332.504239	45.862991	-1077.15	-323.35
7	GUIDE	472665256	9.01	666	0.217	0.055	0.077	0.128	332.808125	46.195041	-2060.78	-1342.59

2.4 Star Slots

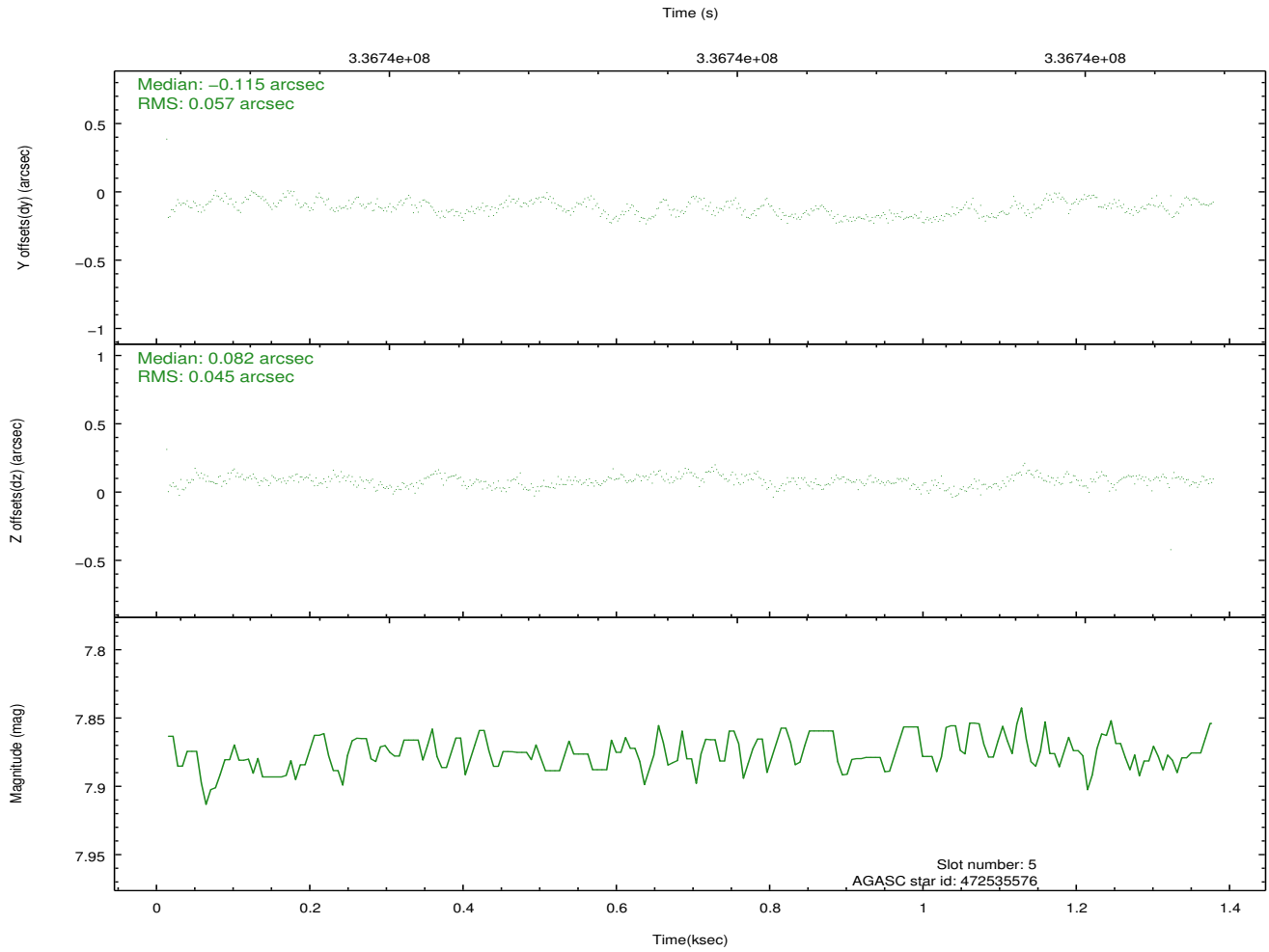
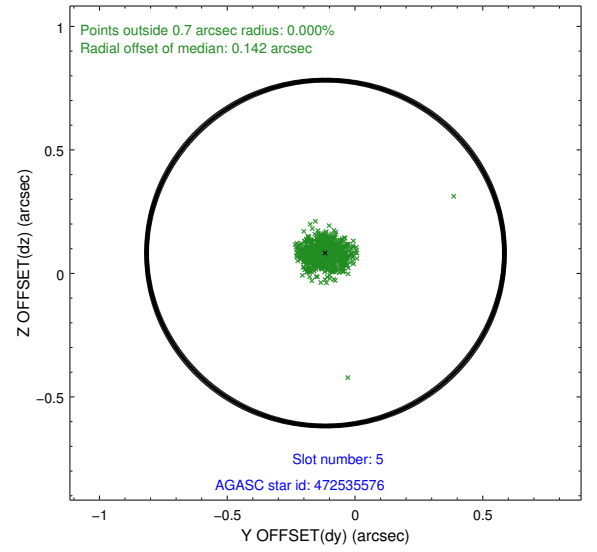
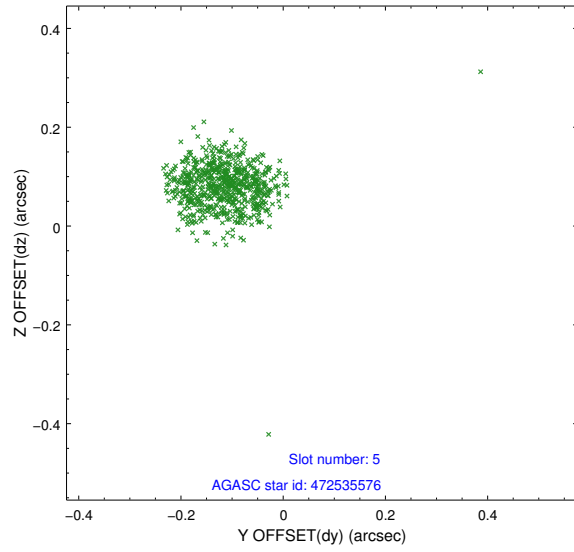
2.4.1 Slot 3



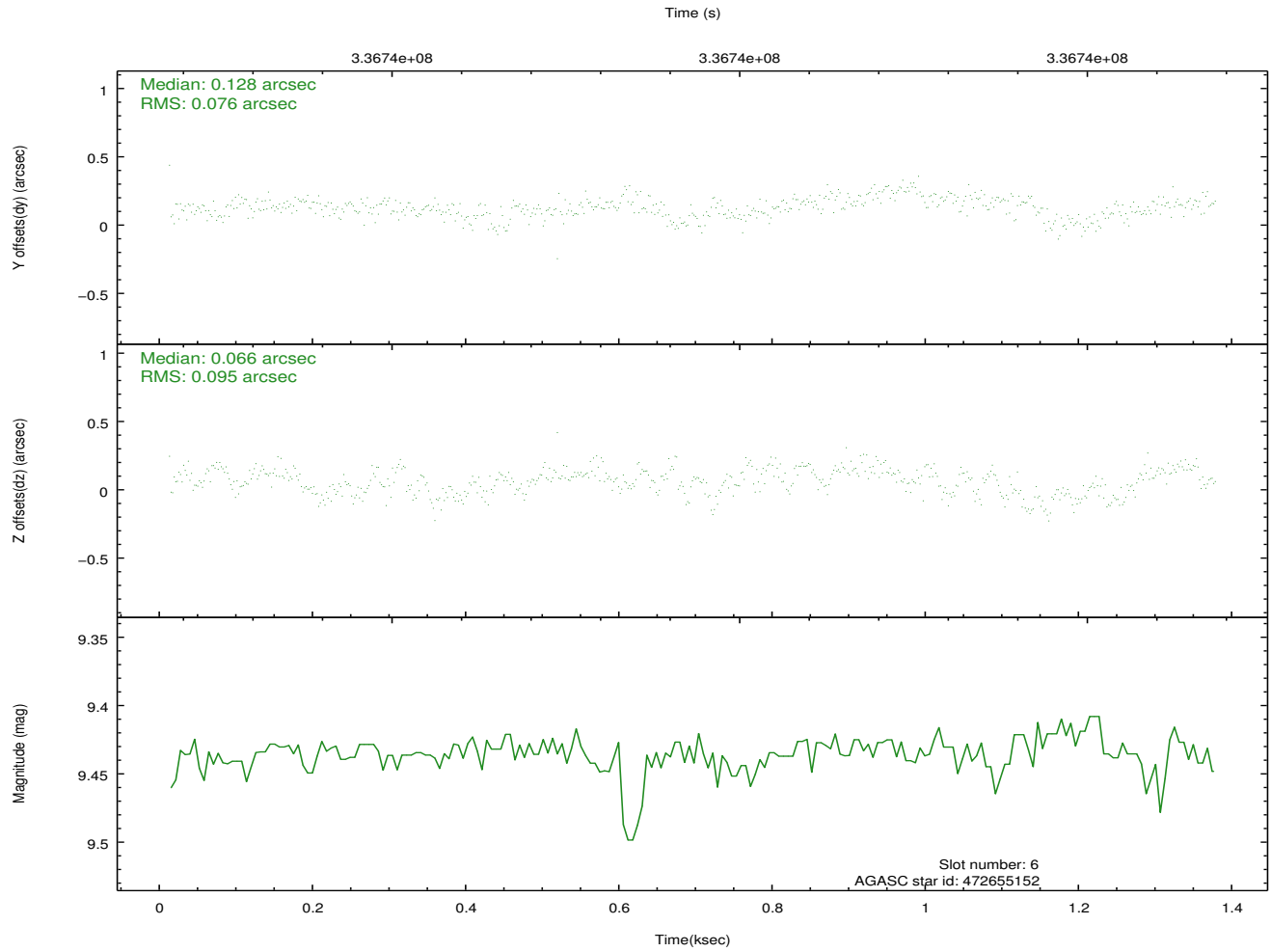
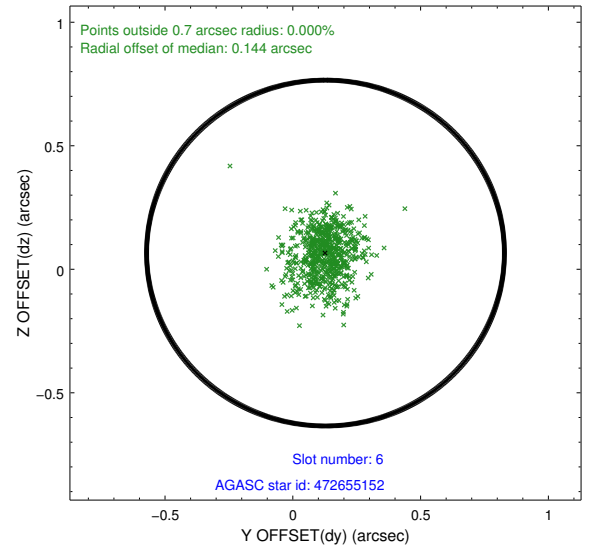
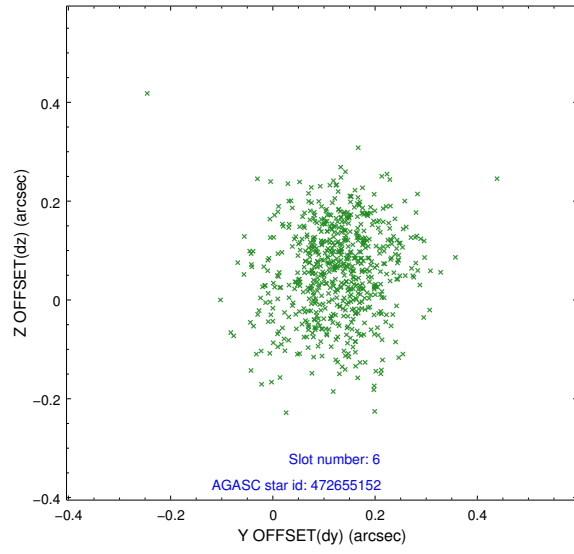
2.4.2 Slot 4



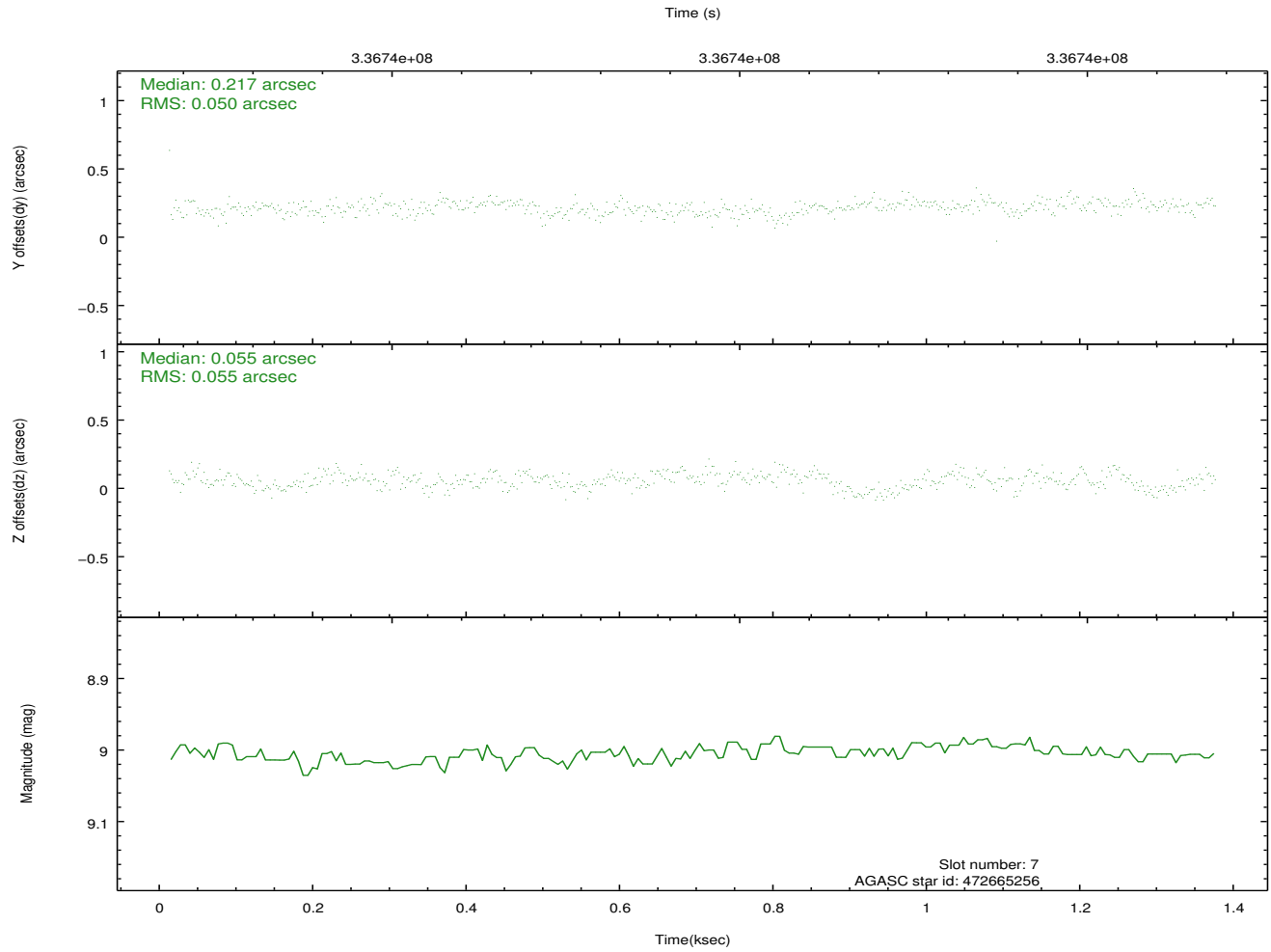
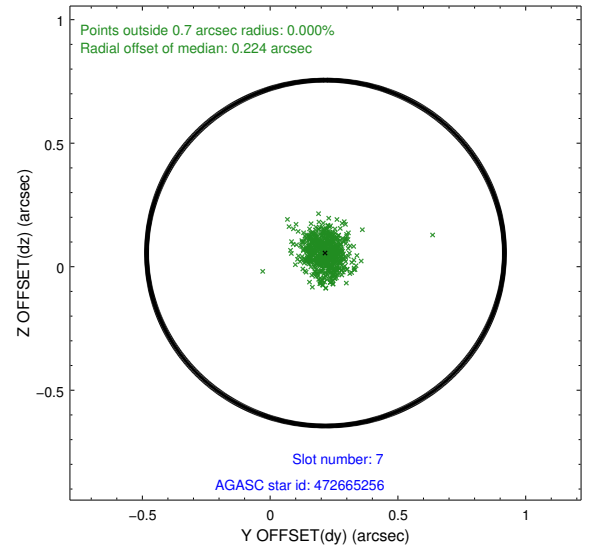
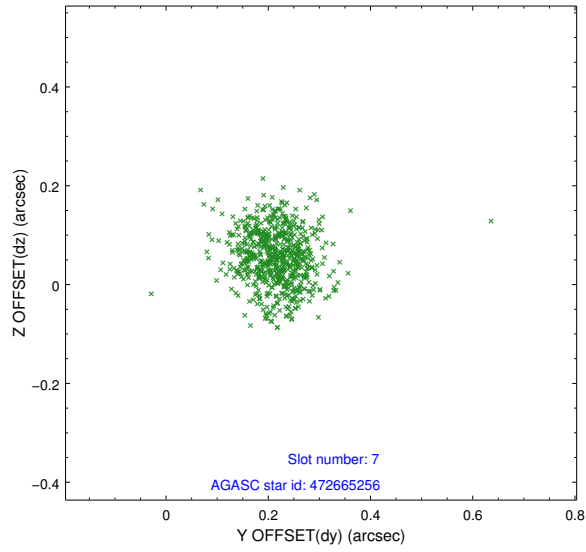
2.4.3 Slot 5



2.4.4 Slot 6

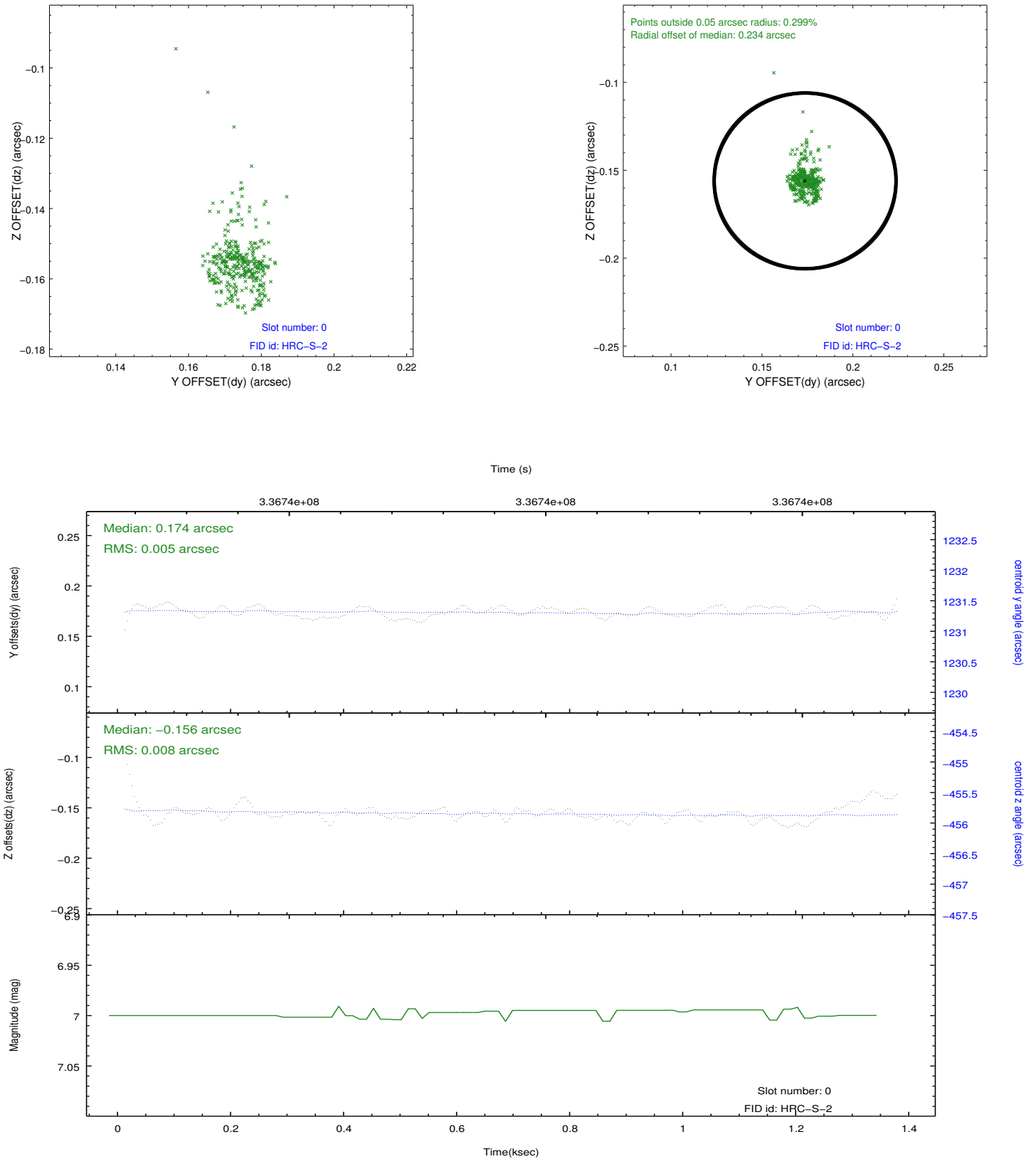


2.4.5 Slot 7

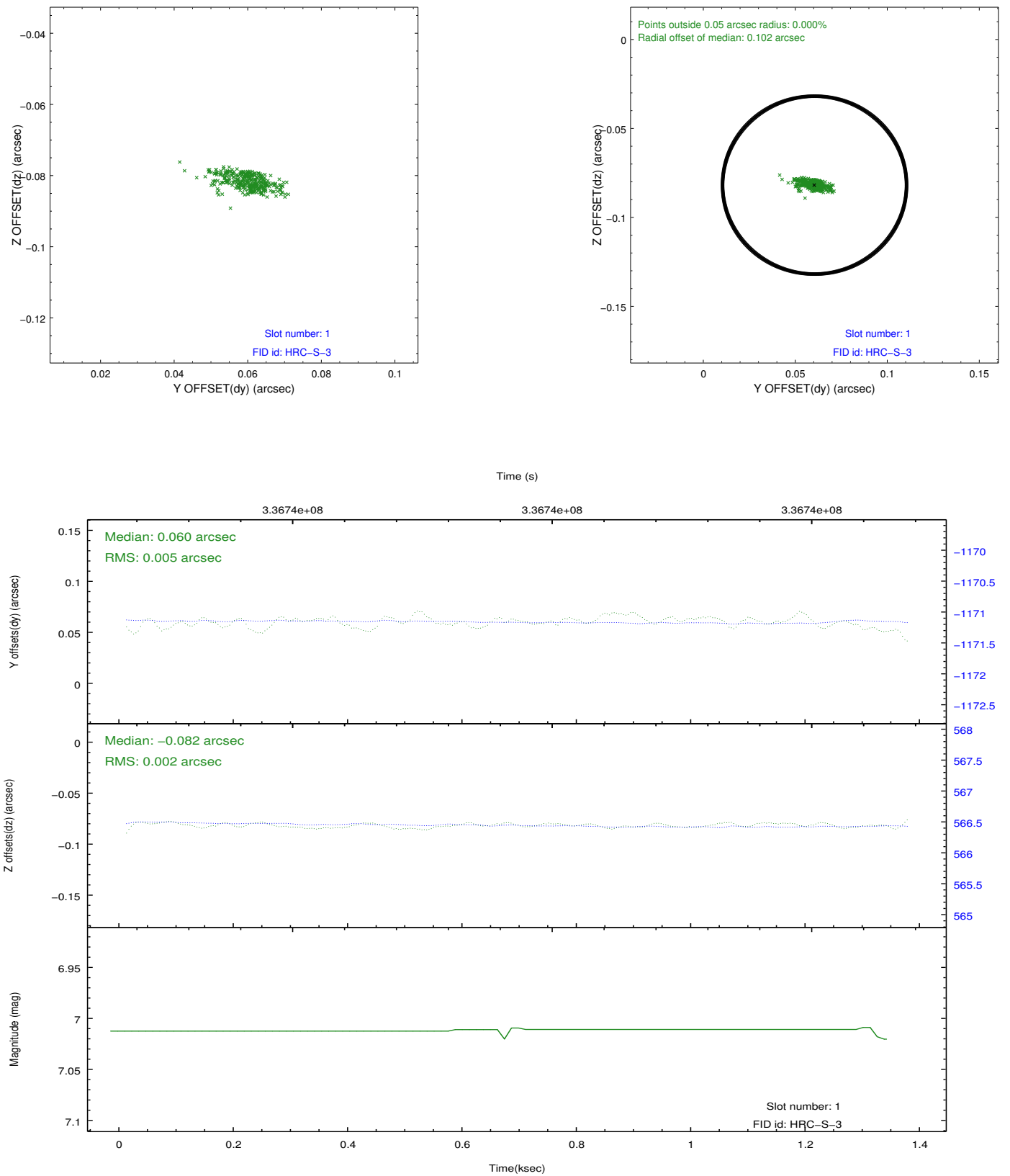


2.5 FID Slots

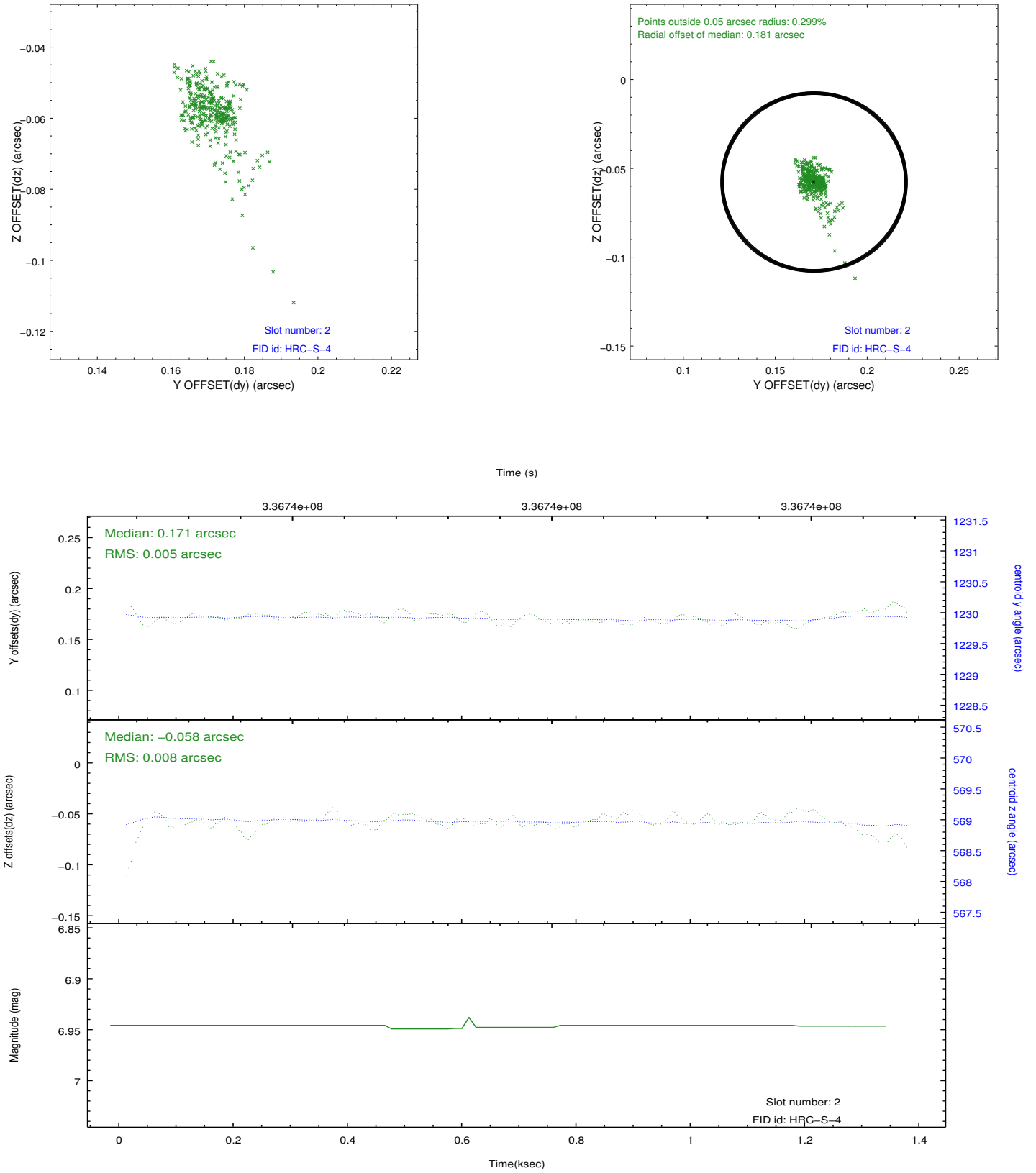
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.33583131

A.2 Comments