

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8334 - L2 Version 3
Chandra X-Ray Center

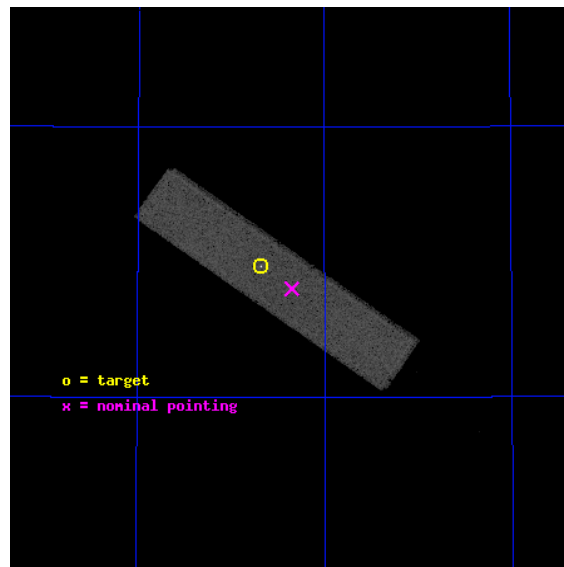
L2 Processing Date : Aug 12 2012

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1 Front

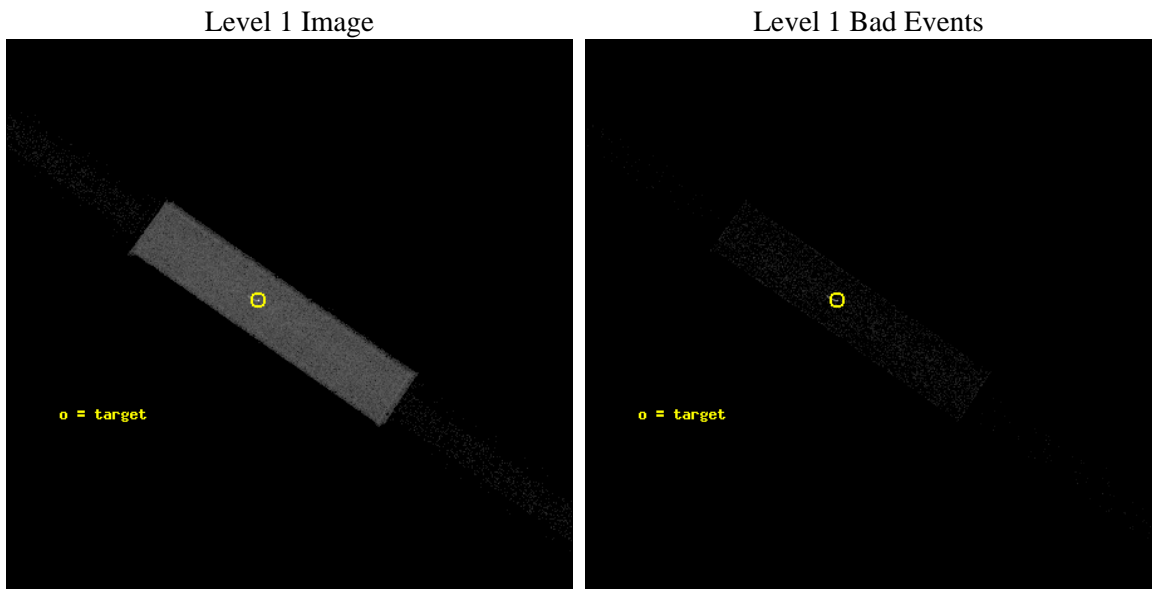
seq_num	290713	Sequence number
obs_id	8334	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.08715291182	Nominal RA [deg]
dec_nom	45.701116259824	Nominal Dec [deg]
roll_nom	214.63257812104	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1155.4313056469	[s]
livetime	1144.4080308336	Ontime multiplied by DTCOR
l2events	79567	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	1155.4313056469	[s]
caldbver	4.5.1.1	 	l1events	123975	Number of level 1 events
date	2012-08-12T04:30:14	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

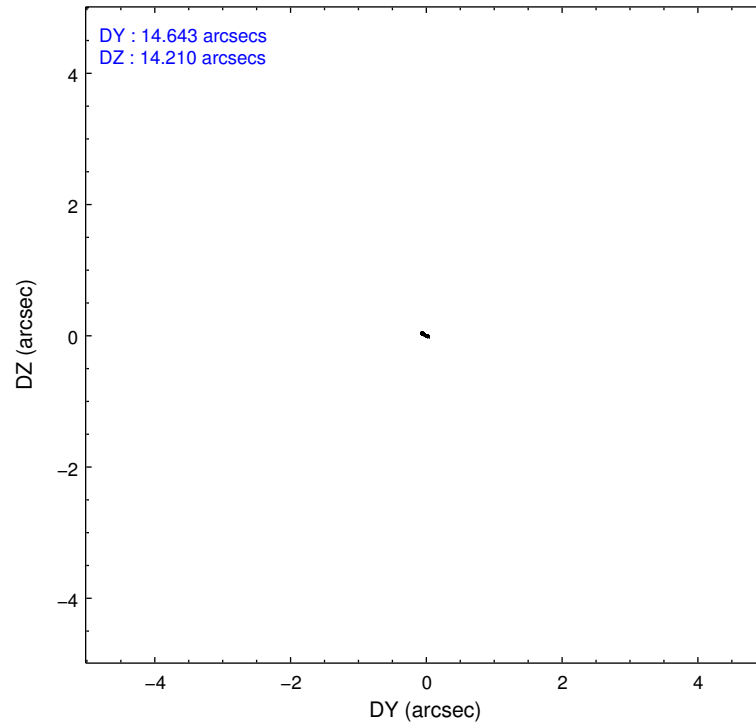
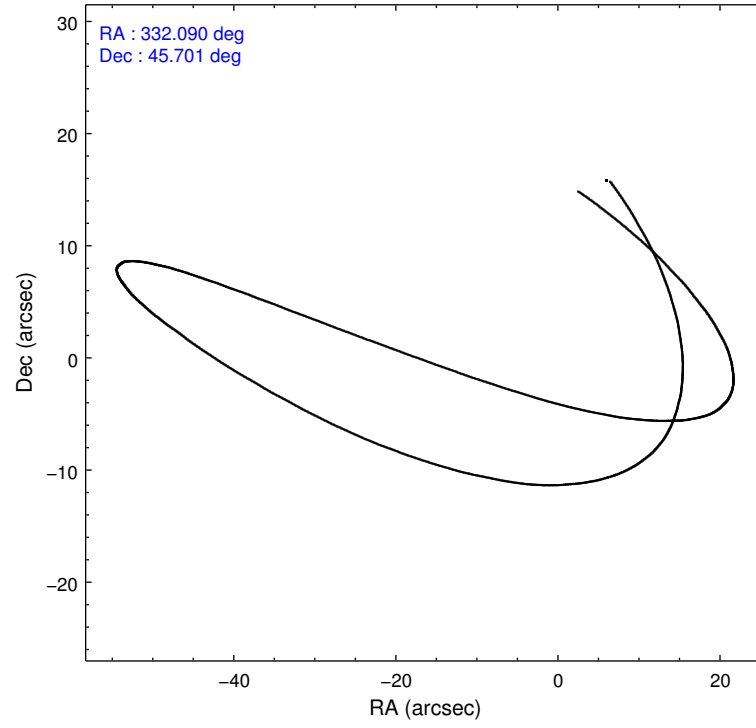
	segment 1	segment 2	segment 3
level 1 events	1213	121593	1169
rejected events	1213	27723	1162
rejected %	100%	22%	99%

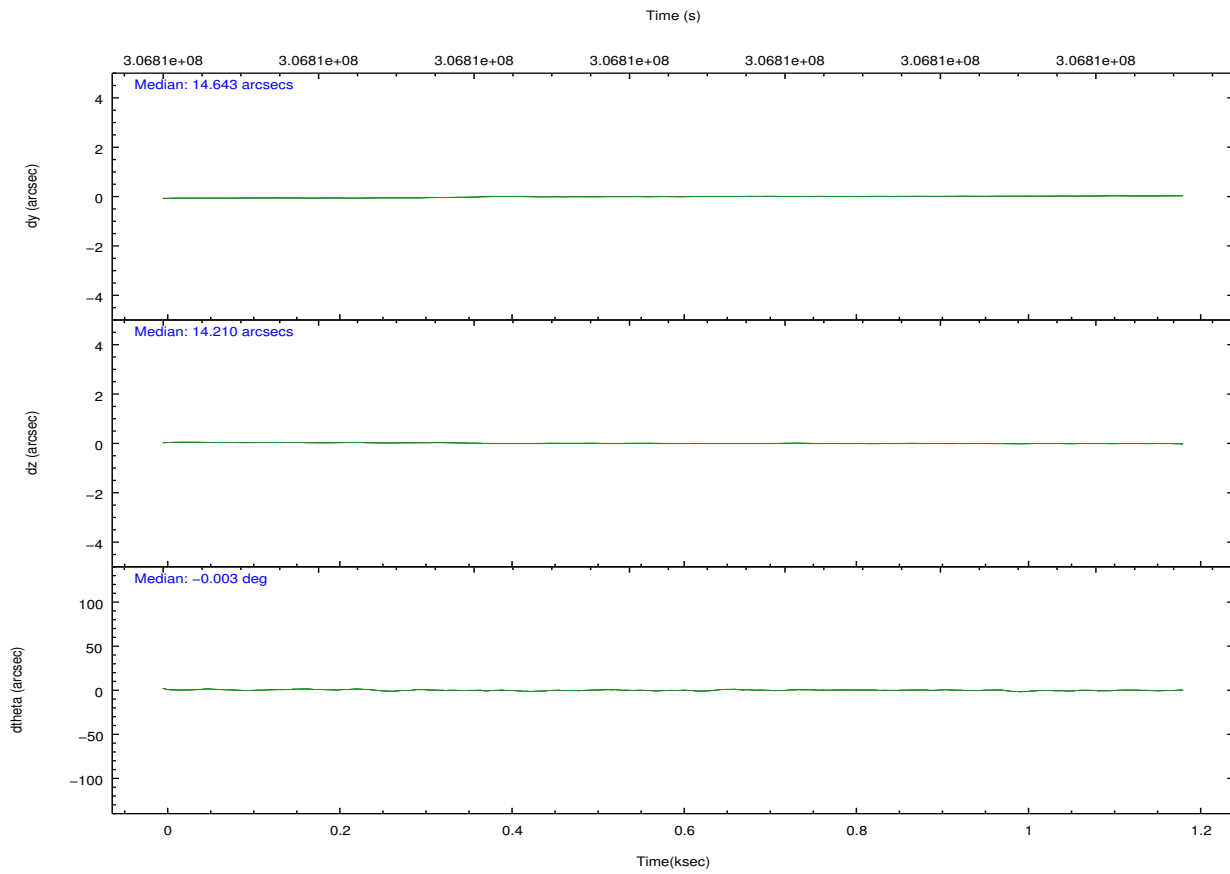
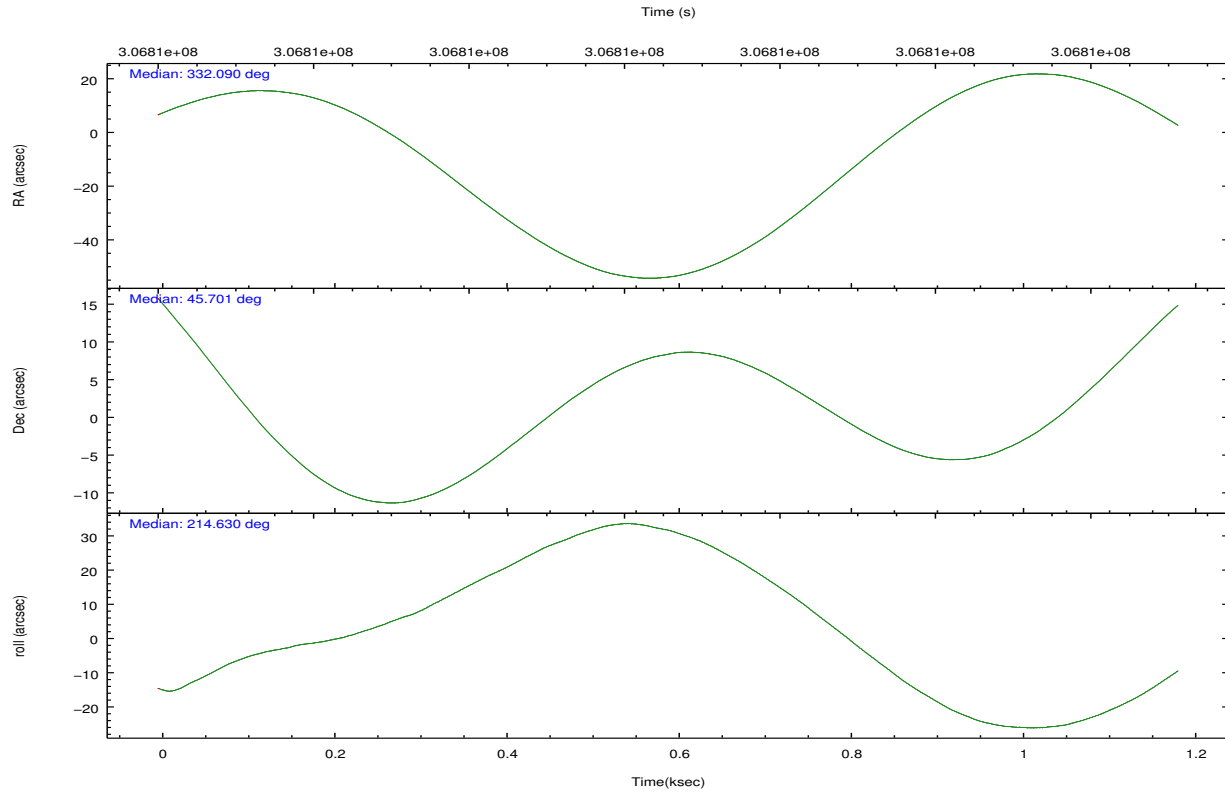
2.2 Compared Parameters

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	332.101413	332.0871529118243
[deg] Pointing Dec	45.728384	45.7011162598239
[deg] Pointing Roll	214.555049	214.6325781210438
[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)	306805843.184000	306805467.43154
Observation start date	2007-09-21T23:49:38	2007-09-21T23:44:27
[s] Observation end time (MET)	306806843.184000	306806977.25662
Observation end date	2007-09-22T00:06:18	2007-09-22T00:09:37

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

2.3 Aspect



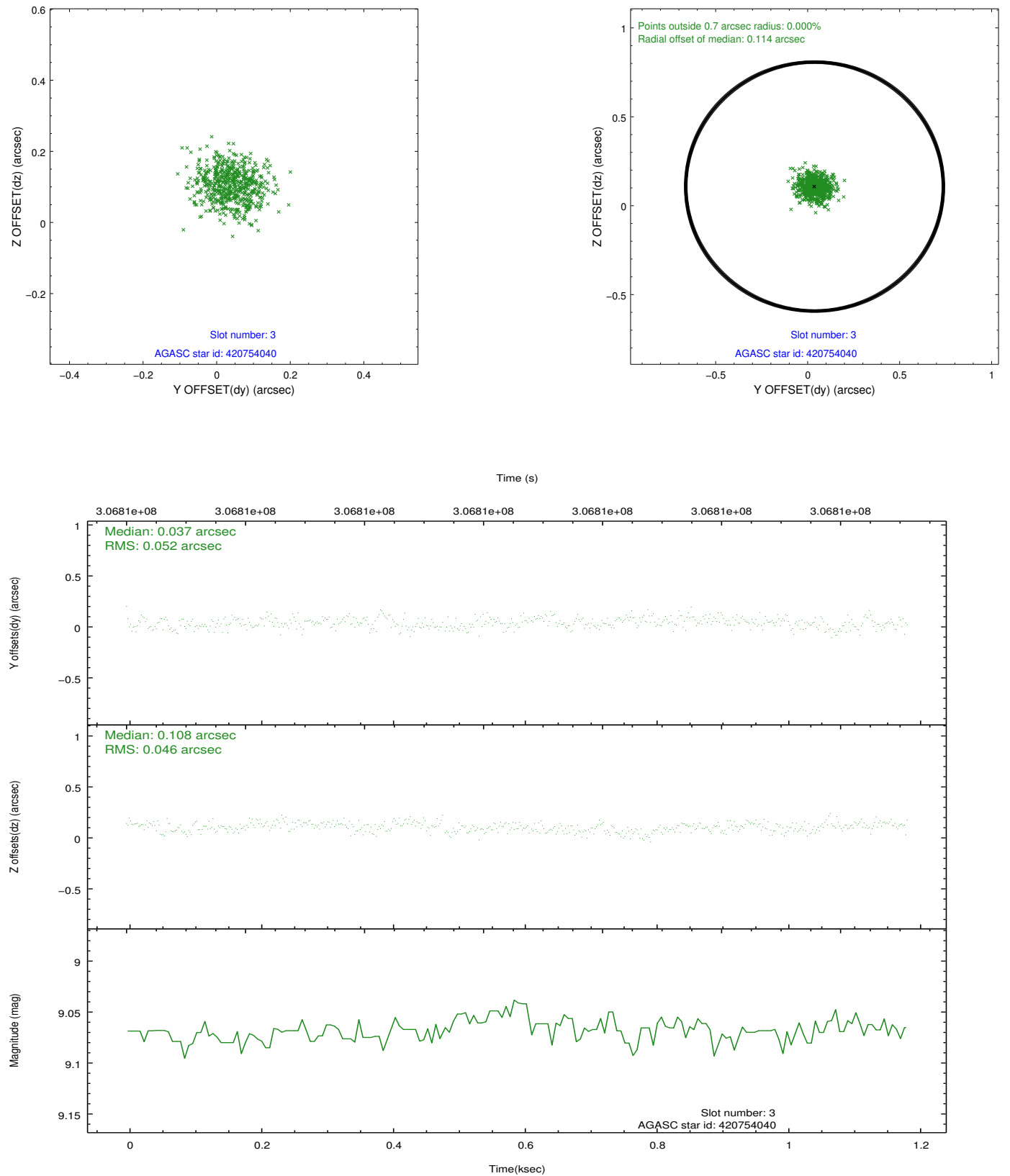


Slot Statistics

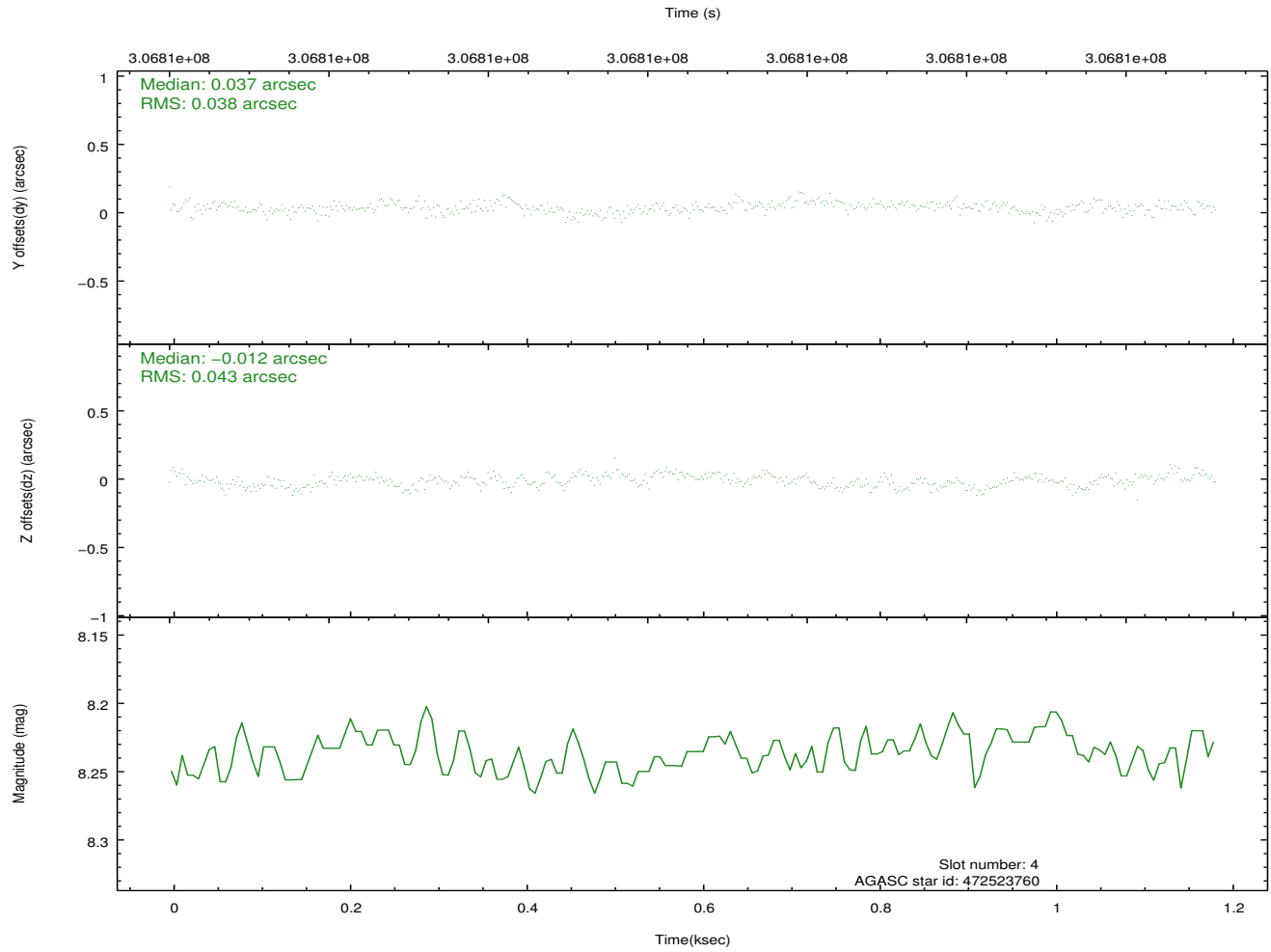
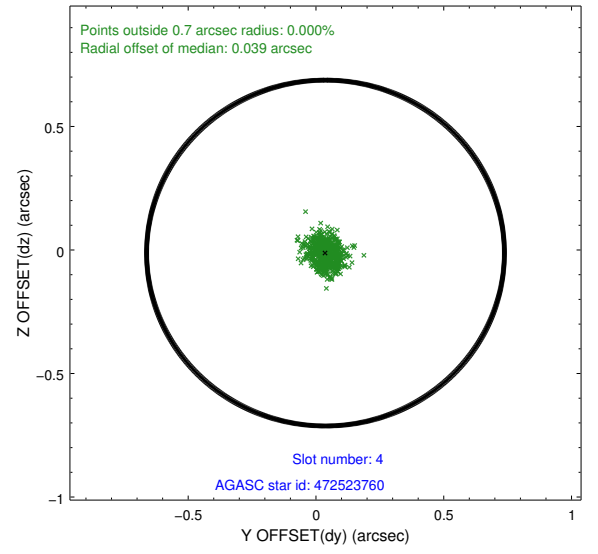
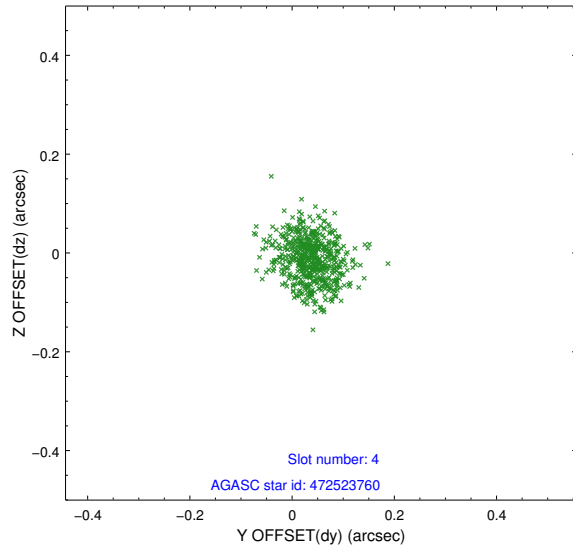
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.07	290	0.099	-0.226	0.007	0.012	0.000000	0.000000	-1169.00	-463.10
1	FID	HRC-S-2	7.05	290	0.178	-0.108	0.005	0.008	0.000000	0.000000	1226.70	-457.24
2	FID	HRC-S-3	7.06	290	0.113	0.032	0.008	0.012	0.000000	0.000000	-1167.47	565.10
3	GUIDE	420754040	9.07	577	0.037	0.108	0.074	0.120	331.917939	44.882543	2113.43	2238.24
4	GUIDE	472523760	8.24	579	0.037	-0.012	0.063	0.099	331.645363	45.403260	1617.05	307.21
5	GUIDE	472533912	9.15	577	-0.020	0.129	0.130	0.202	331.791136	46.368695	-668.81	-2340.29
6	GUIDE	472651904	6.28	579	-0.115	-0.215	0.083	0.141	332.170077	45.742257	-169.69	47.73
7	GUIDE	472655152	9.40	578	0.059	-0.016	0.105	0.176	332.504239	45.862991	-1106.36	167.60

2.4 Star Slots

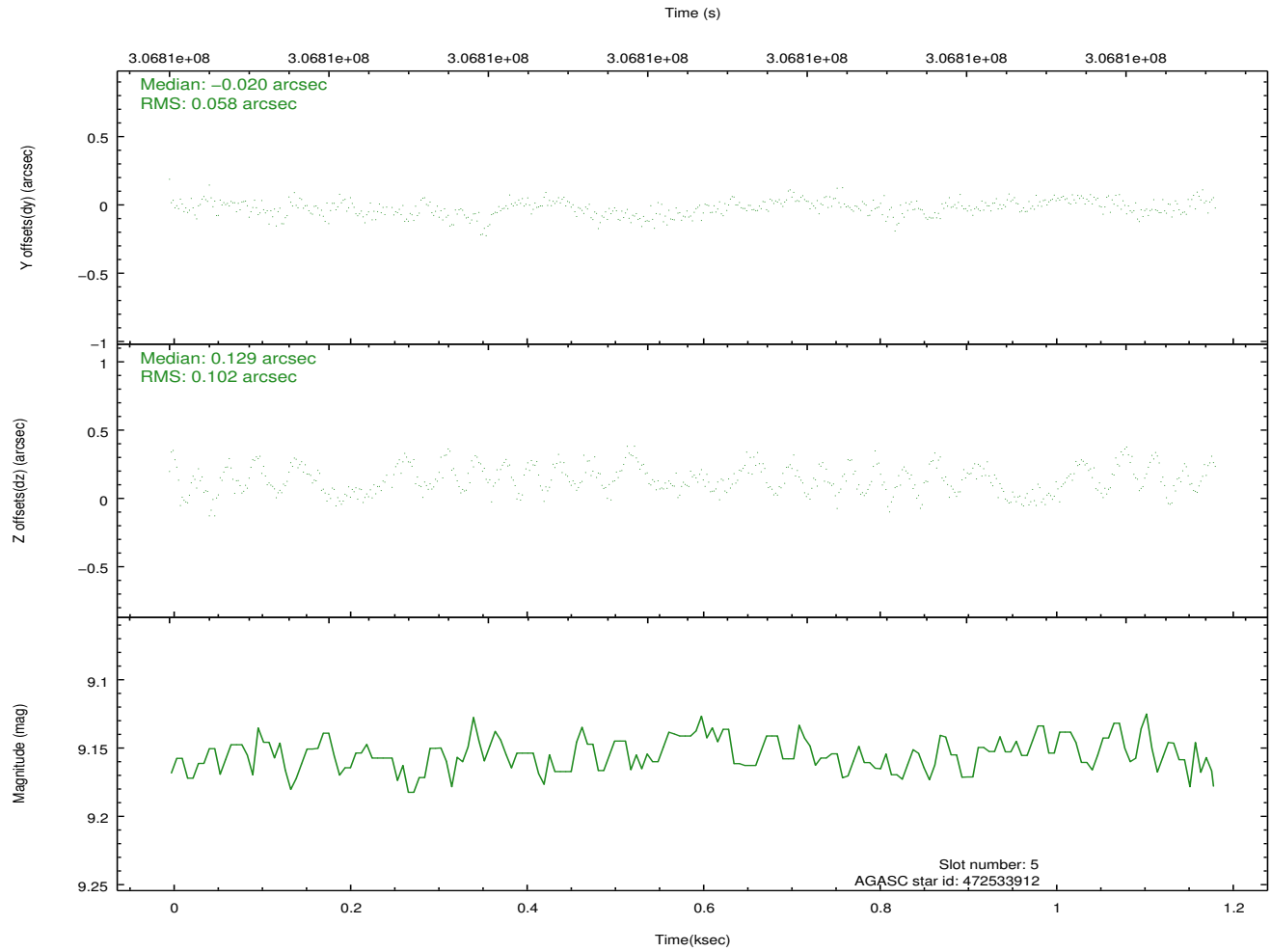
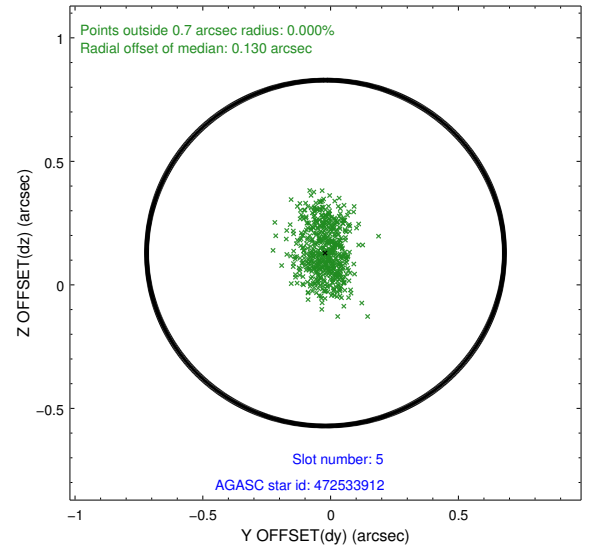
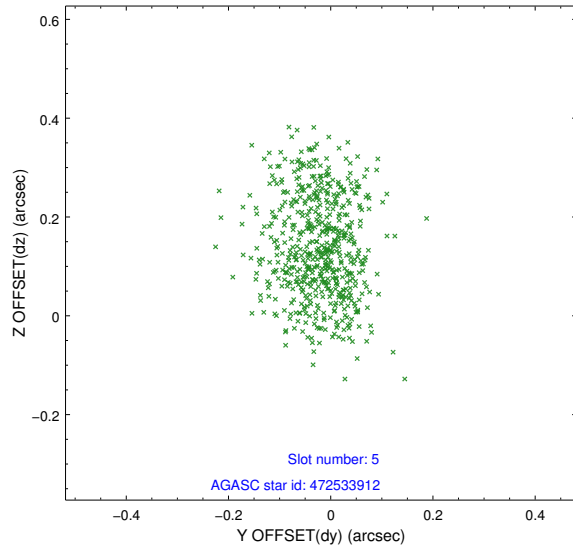
2.4.1 Slot 3



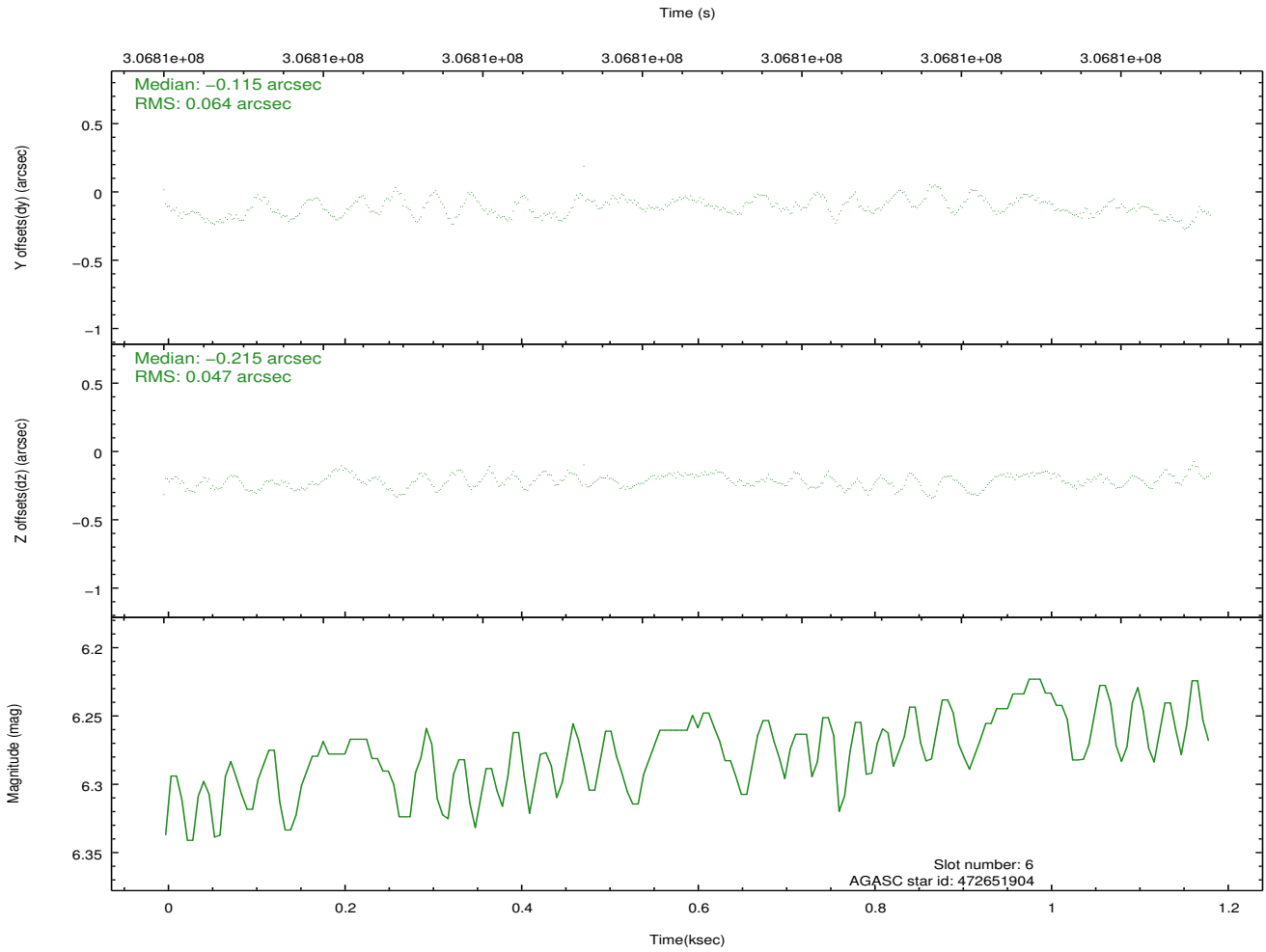
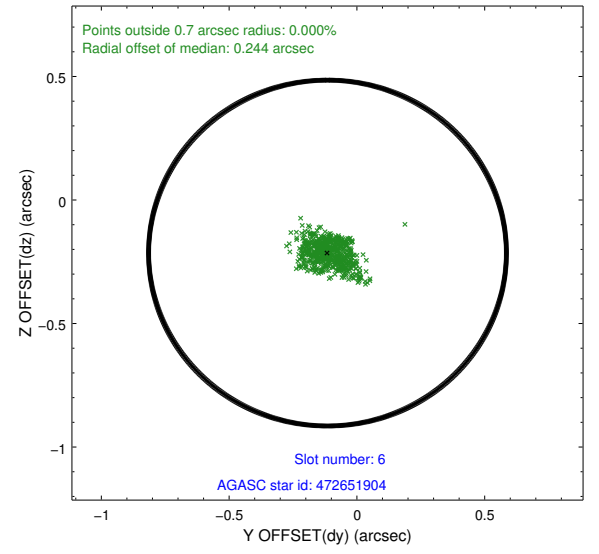
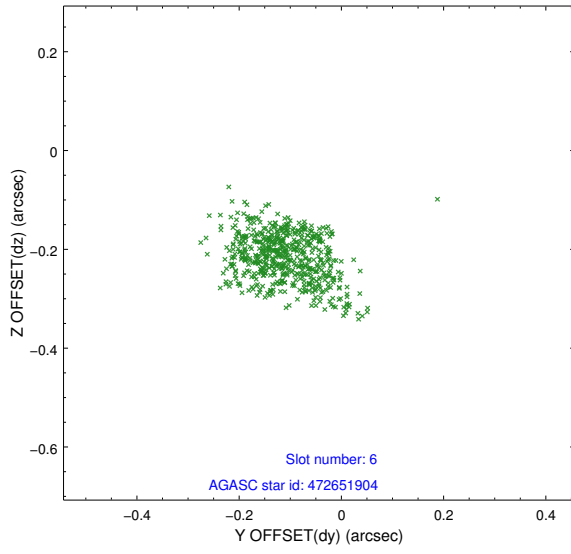
2.4.2 Slot 4



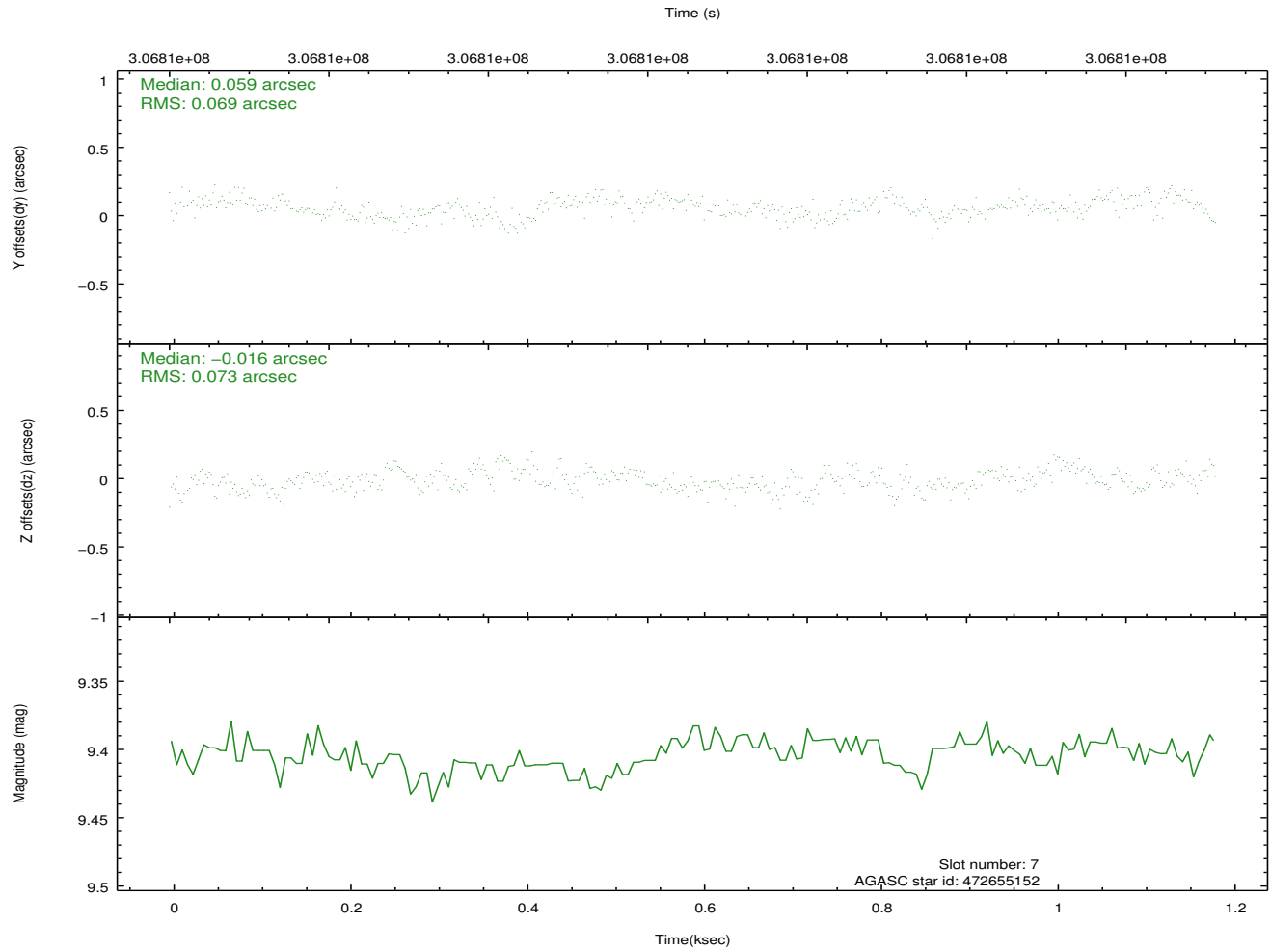
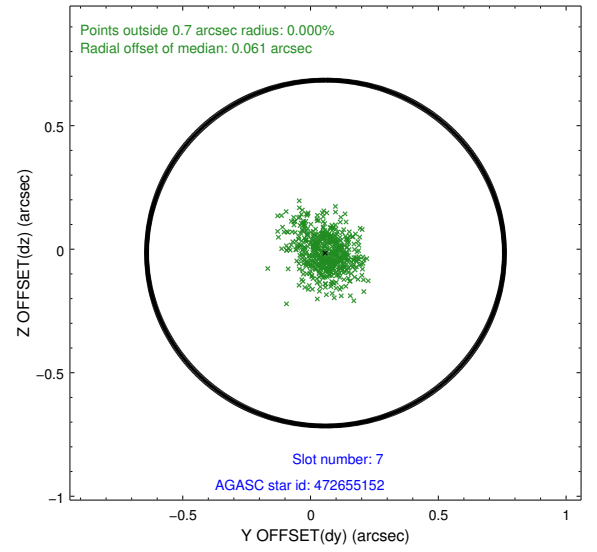
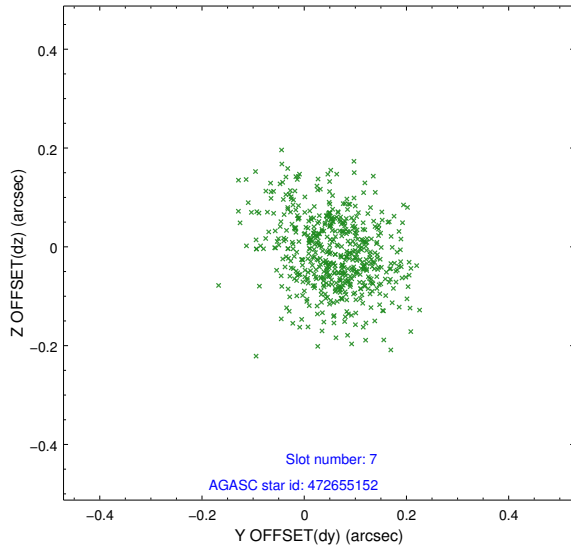
2.4.3 Slot 5



2.4.4 Slot 6

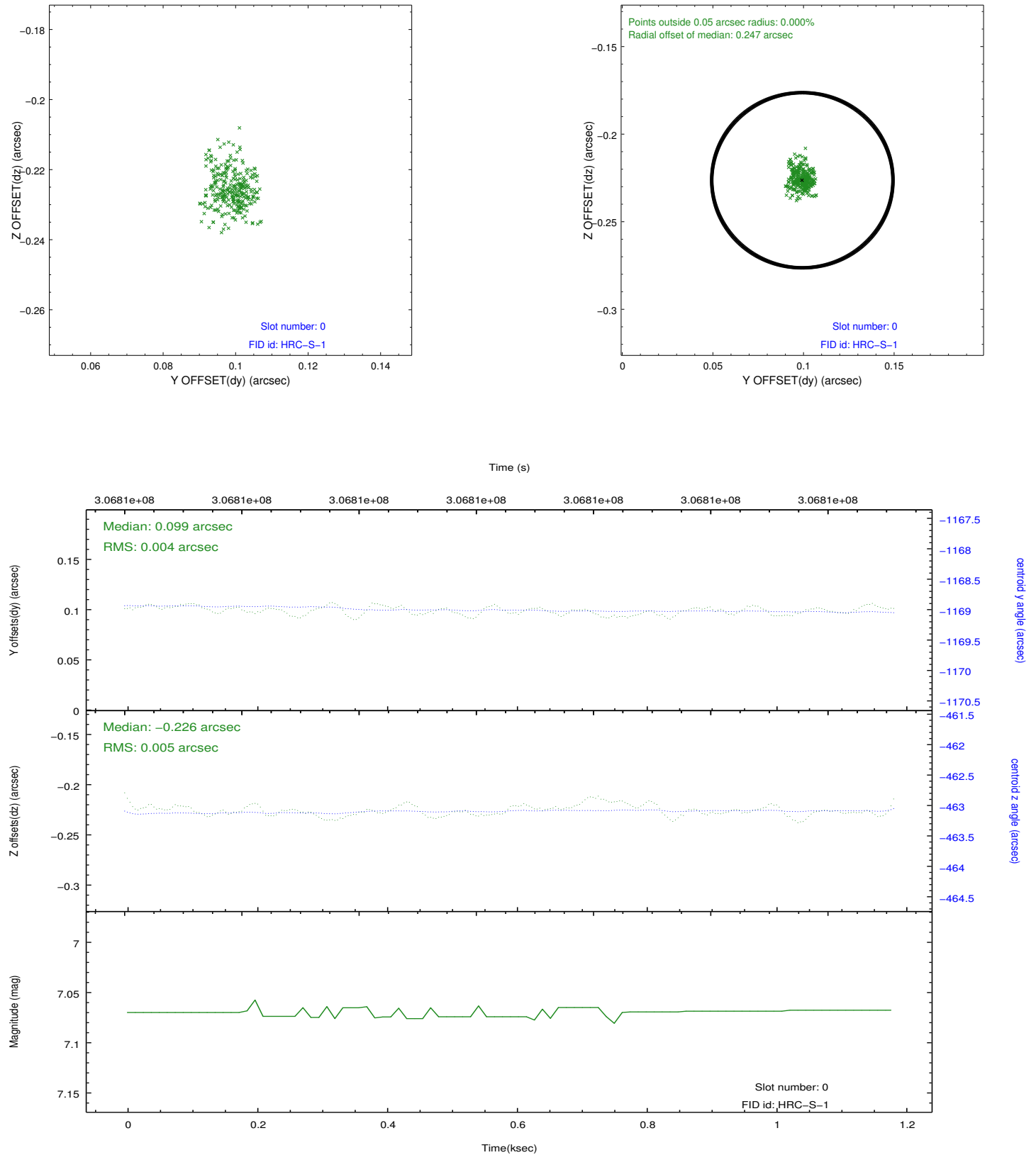


2.4.5 Slot 7

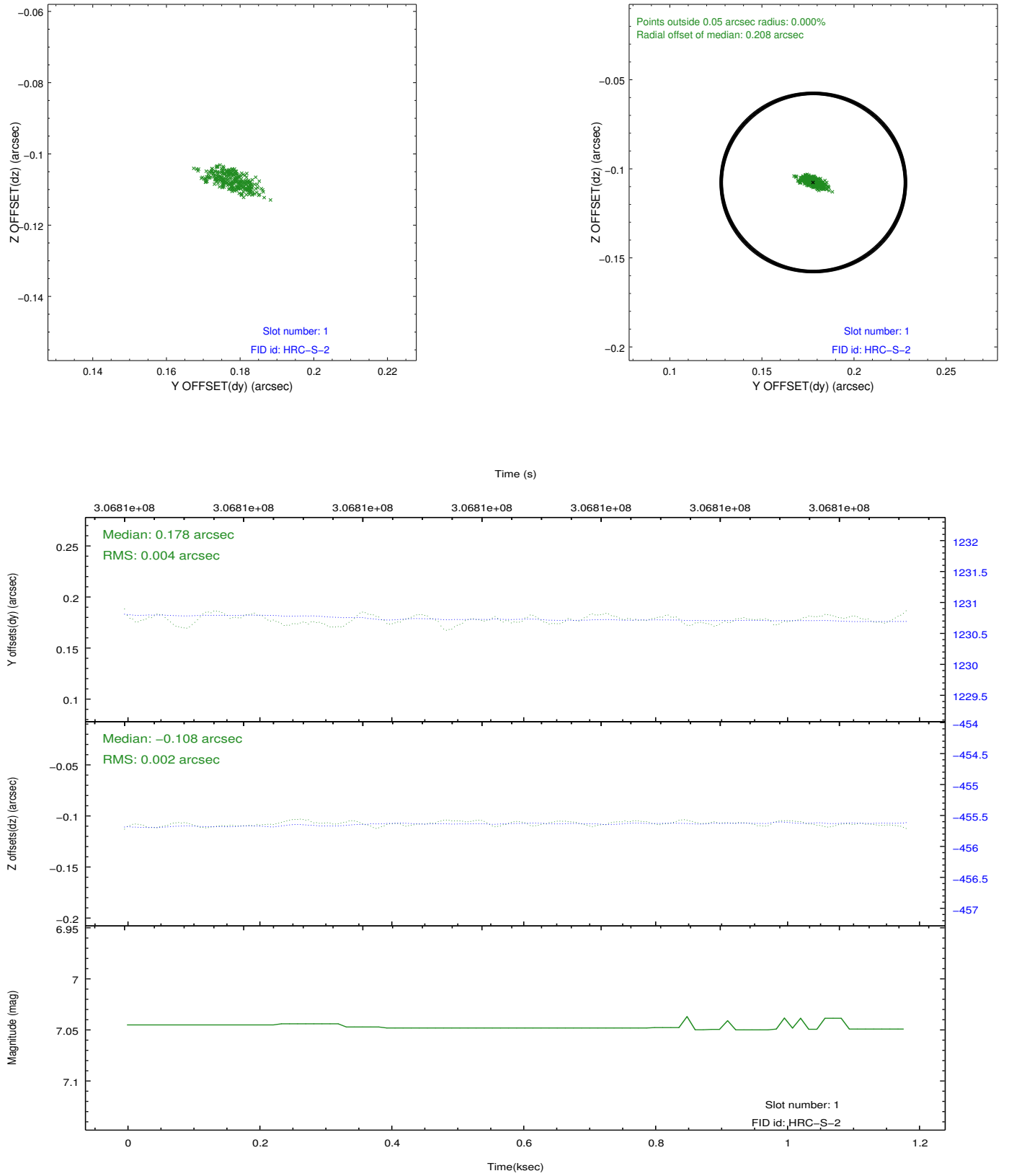


2.5 FID Slots

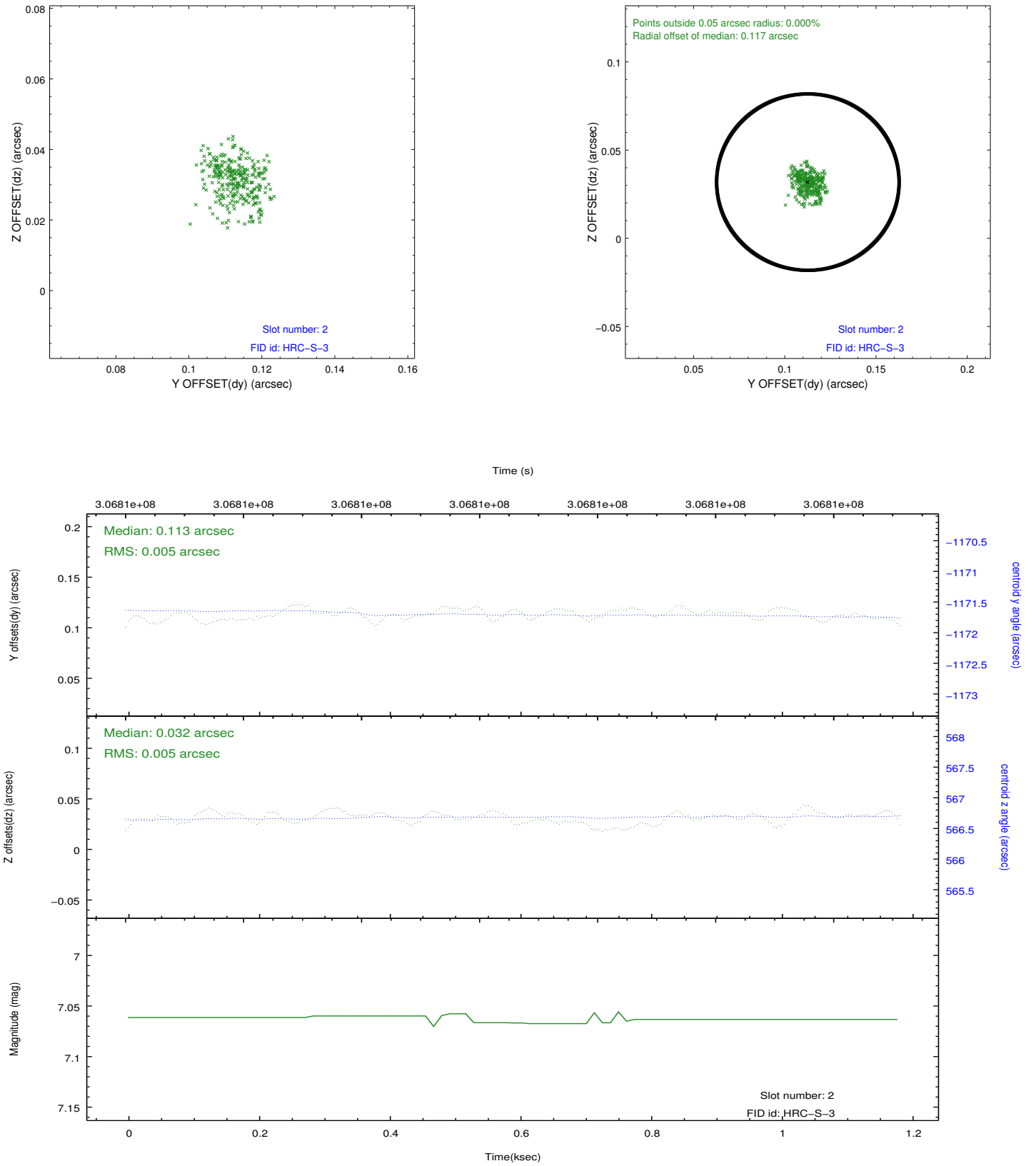
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1554313

A.2 Comments