

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10619 - L2 Version 3
Chandra X-Ray Center

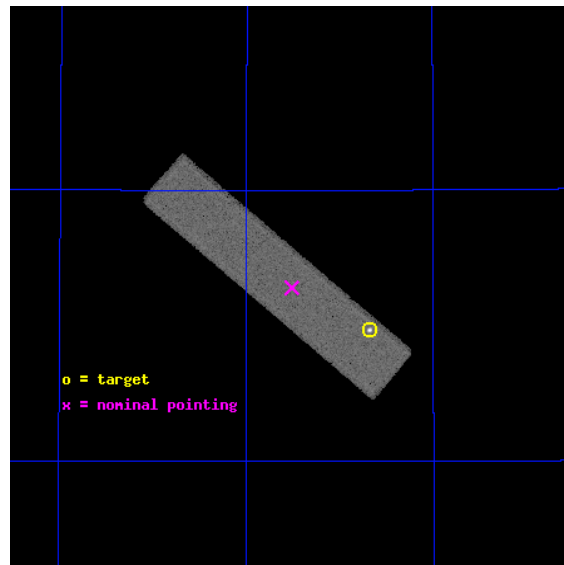
L2 Processing Date : Aug 13 2012

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1 Front

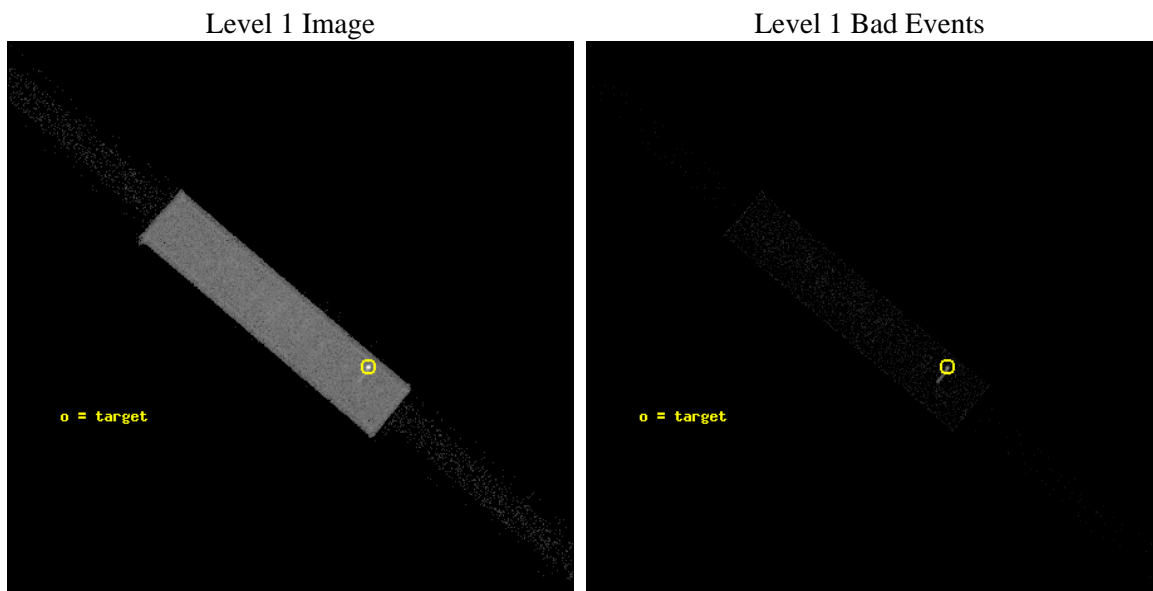
seq_num	290855	Sequence number
obs_id	10619	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.37832789097	Nominal RA [deg]
dec_nom	45.82057015861	Nominal Dec [deg]
roll_nom	220.17668115496	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1284.5813146234	[s]
livetime	1272.1293035882	Ontime multiplied by DTCOR
l2events	89669	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	1100.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1284.5813146234	[s]
caldbver	4.5.1.1	 	l1events	134996	Number of level 1 events
date	2012-08-13T17:34:00	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

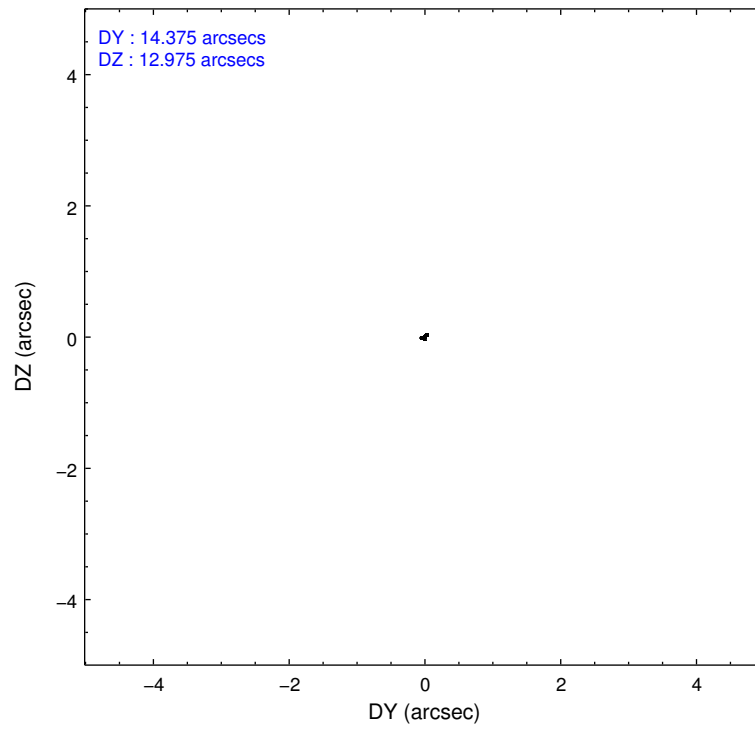
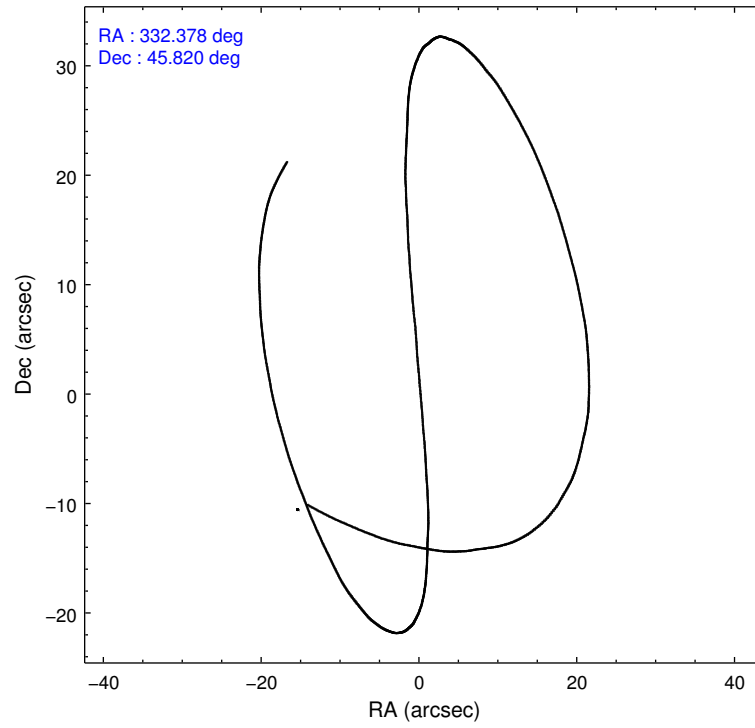
	segment 1	segment 2	segment 3
level 1 events	1077	132783	1136
rejected events	1077	26121	1136
rejected %	100%	19%	100%

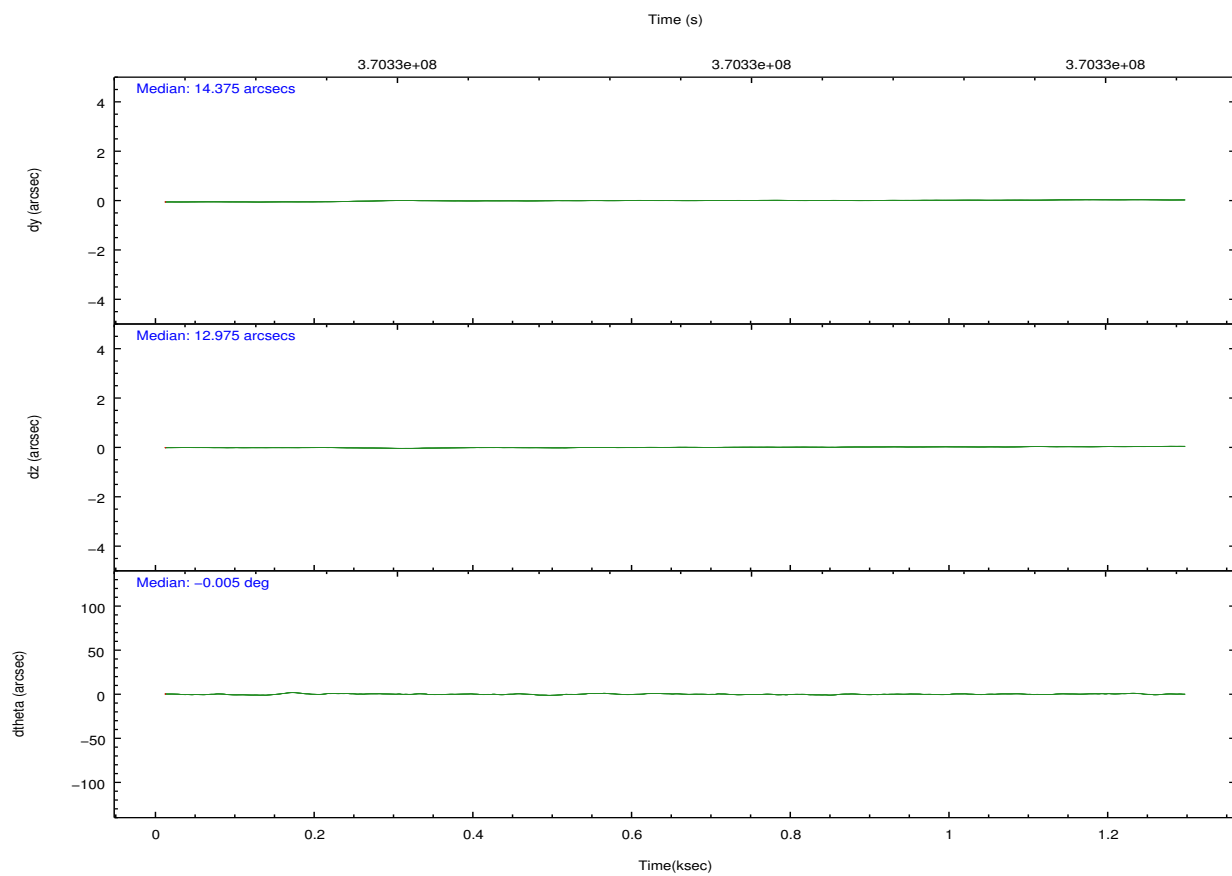
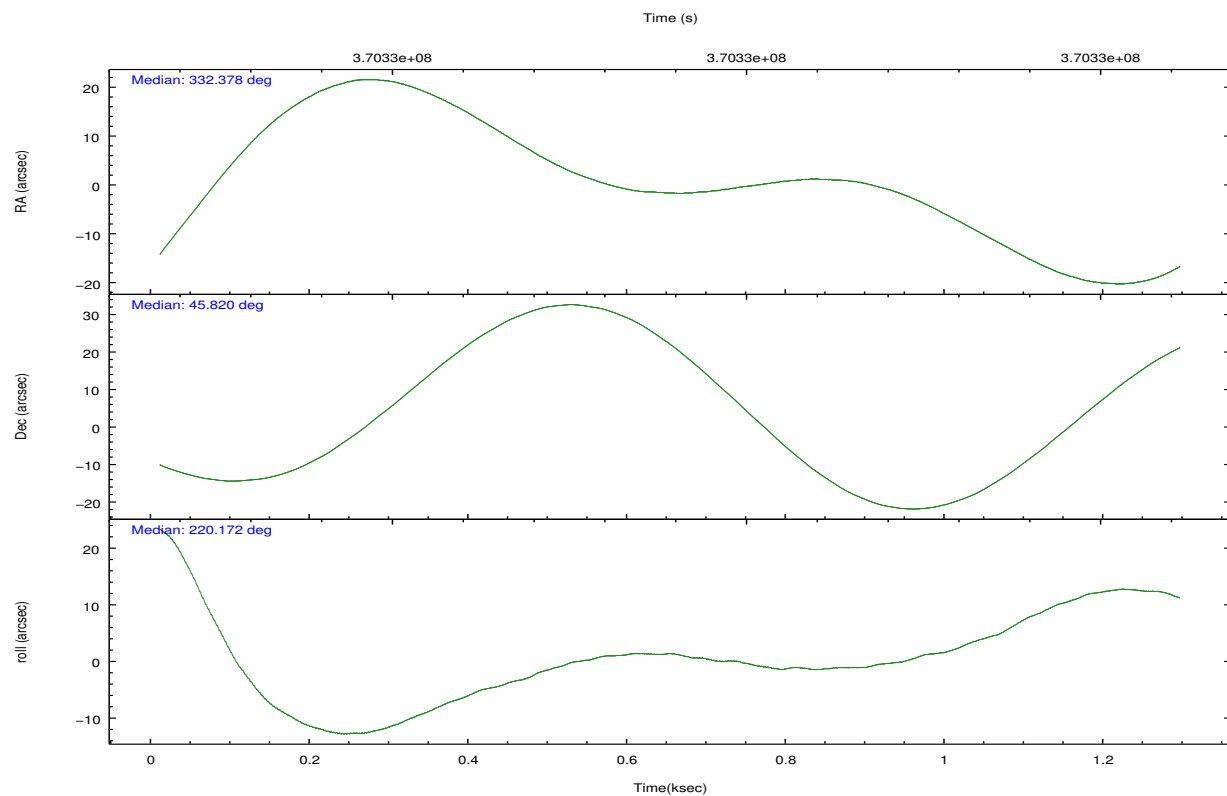
2.2 Compared Parameters

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	332.390170	332.3783278909737
[deg] Pointing Dec	45.848808	45.8205701586101
[deg] Pointing Roll	220.100818	220.1766811549594
[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)	370332933.184000	370332556.96535
Observation start date	2009-09-26T06:14:27	2009-09-26T06:09:16
[s] Observation end time (MET)	370334033.184000	370334167.24043
Observation end date	2009-09-26T06:32:47	2009-09-26T06:36:07

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

2.3 Aspect



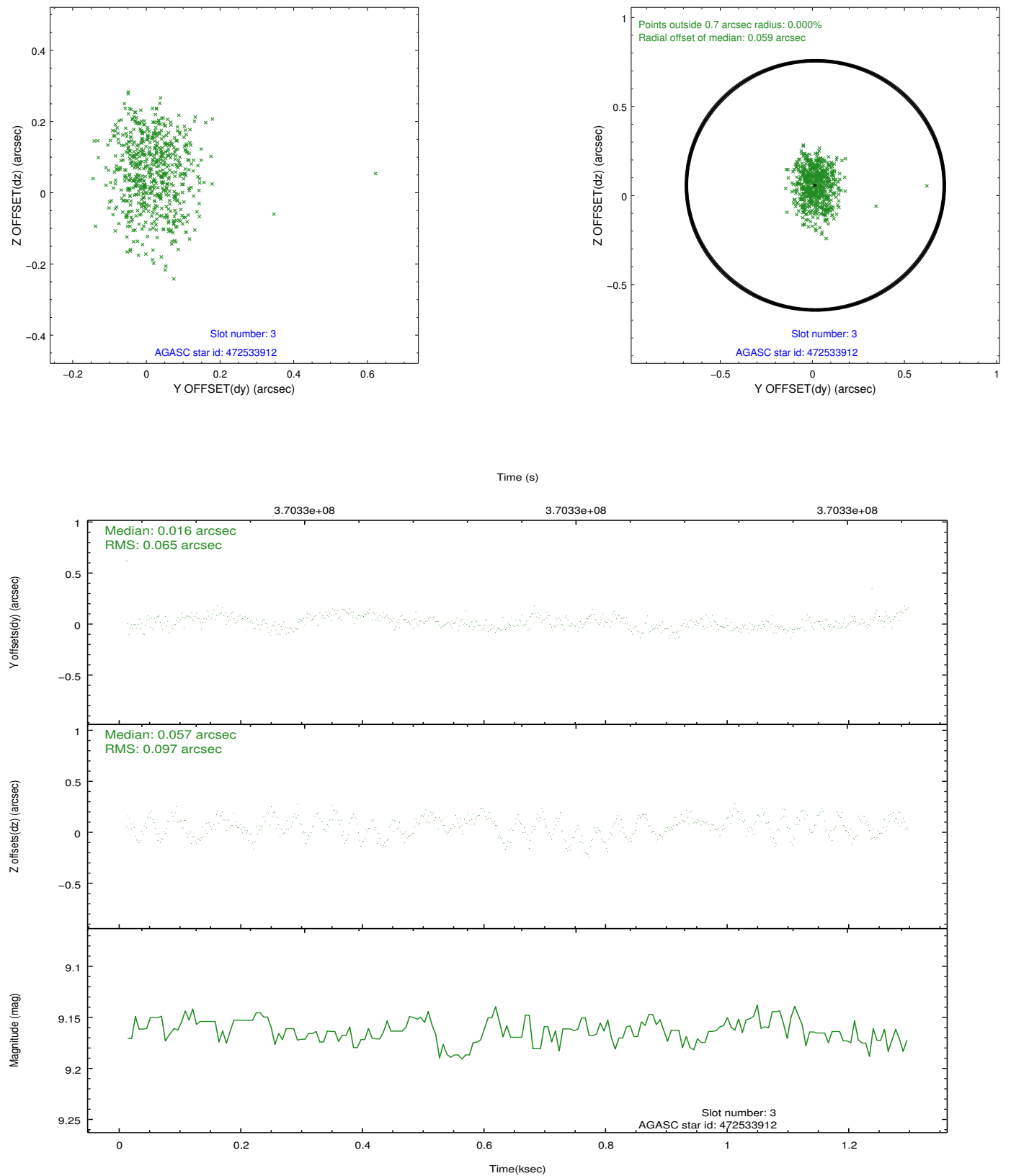


Slot Statistics

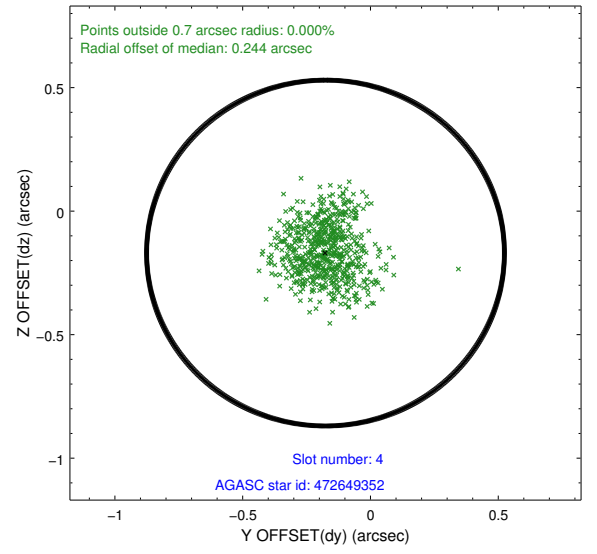
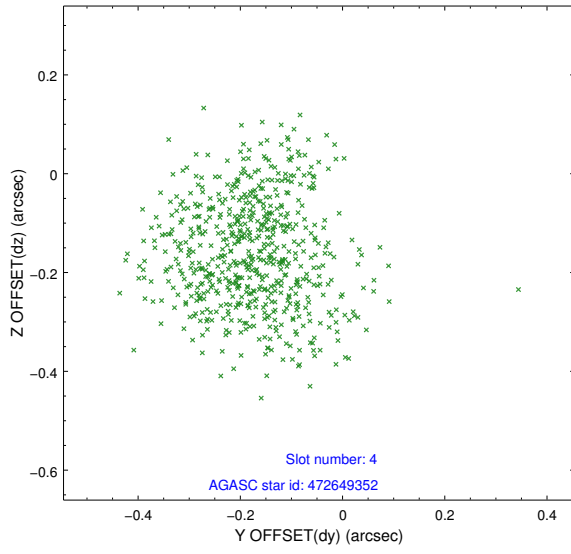
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	314	0.065	-0.150	0.007	0.012	0.000000	0.000000	-1168.75	-461.78
1	FID	HRC-S-2	6.97	313	0.214	-0.109	0.005	0.008	0.000000	0.000000	1227.32	-455.81
2	FID	HRC-S-3	6.99	314	0.109	-0.043	0.008	0.012	0.000000	0.000000	-1167.54	566.39
3	GUIDE	472533912	9.16	627	0.016	0.057	0.124	0.195	331.791136	46.368695	-71.76	-2396.46
4	GUIDE	472649352	9.76	628	-0.176	-0.170	0.159	0.241	332.034169	45.325407	1900.27	853.39
5	GUIDE	472654568	9.43	628	0.081	0.190	0.133	0.232	332.194449	45.063576	2203.12	1840.89
6	GUIDE	472655152	9.42	626	0.081	-0.204	0.133	0.245	332.504239	45.862991	-249.24	145.68
7	GUIDE	472665256	9.03	627	0.022	0.127	0.098	0.163	332.808125	46.195041	-1602.71	-286.58

2.4 Star Slots

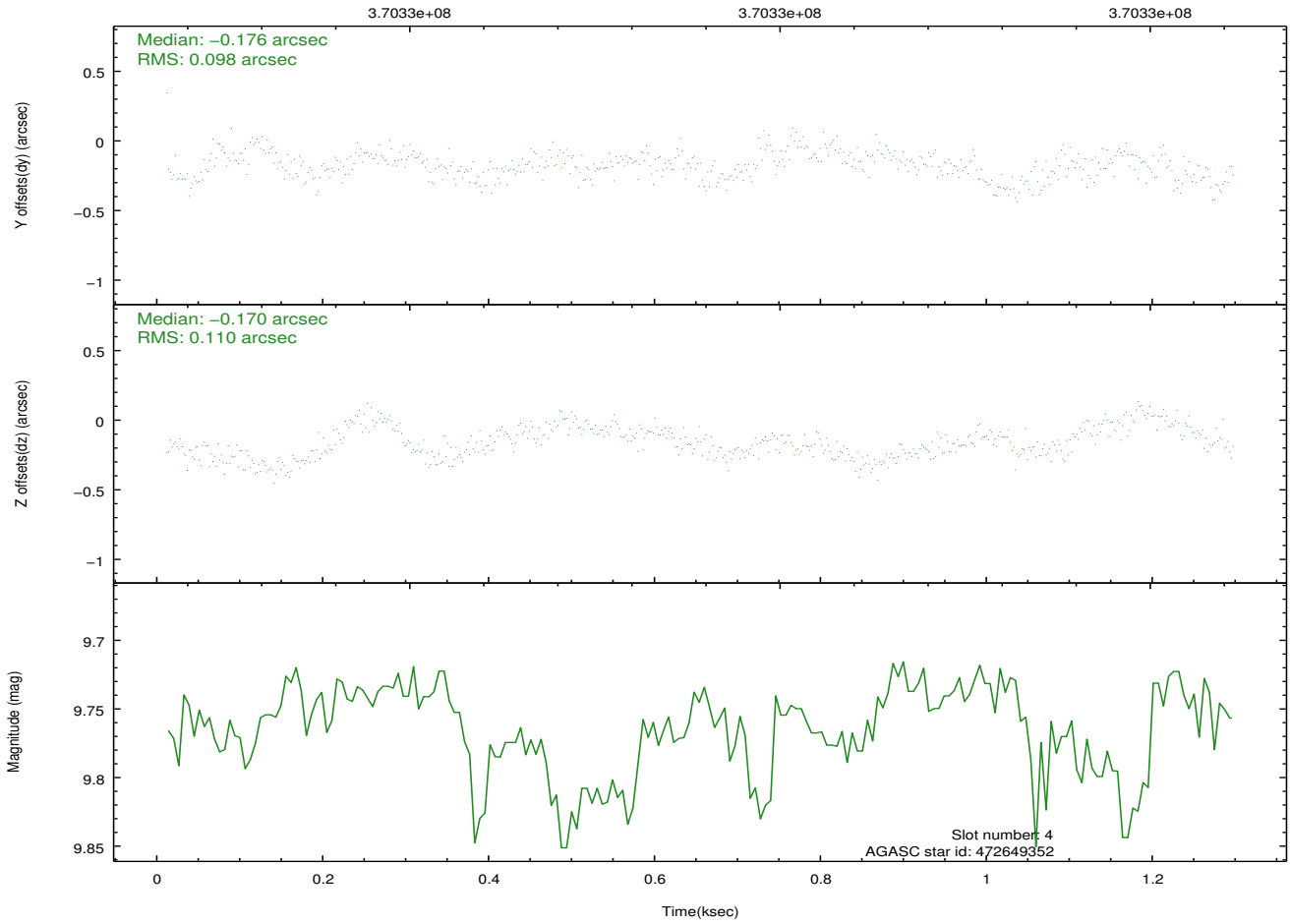
2.4.1 Slot 3



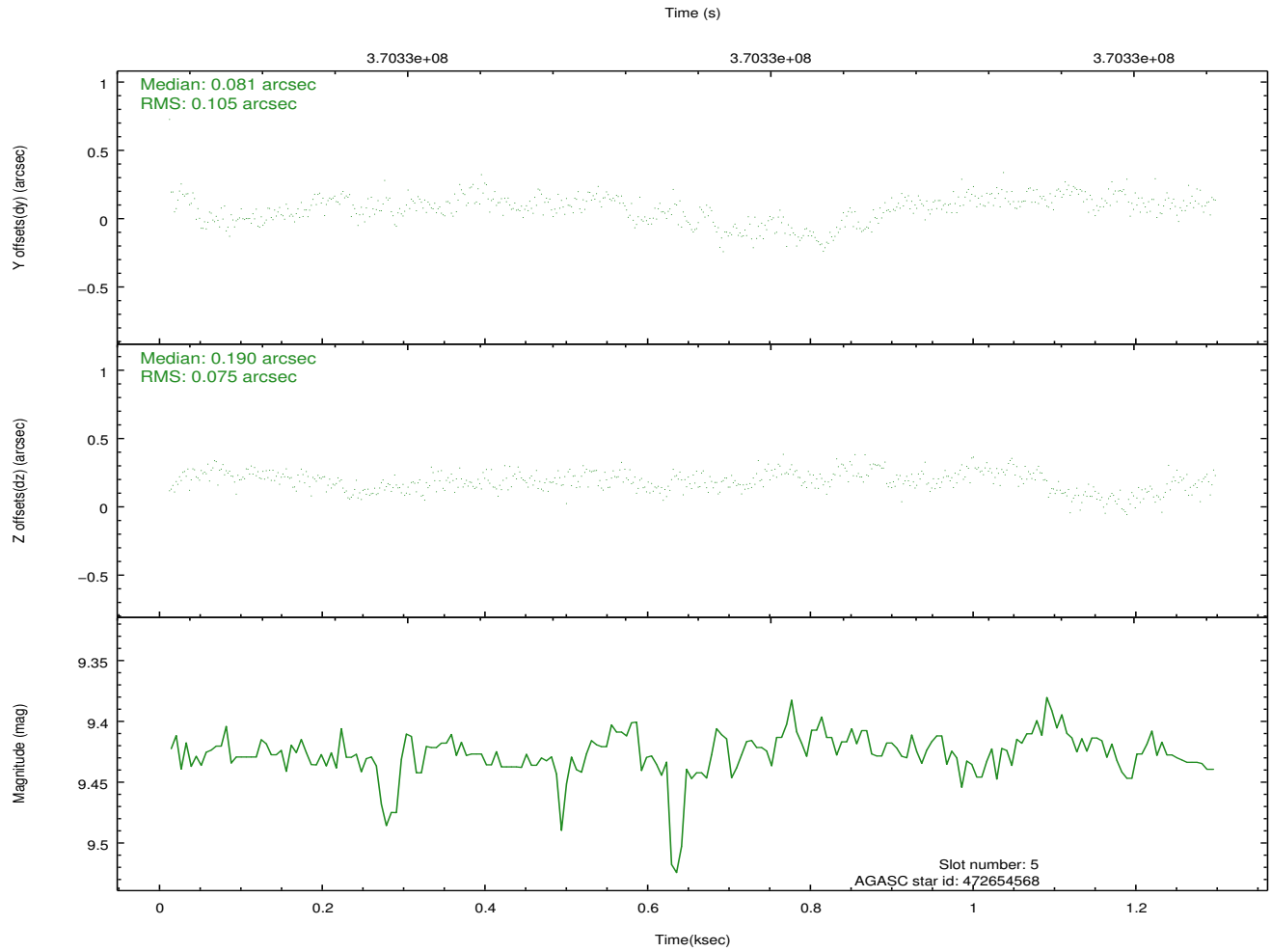
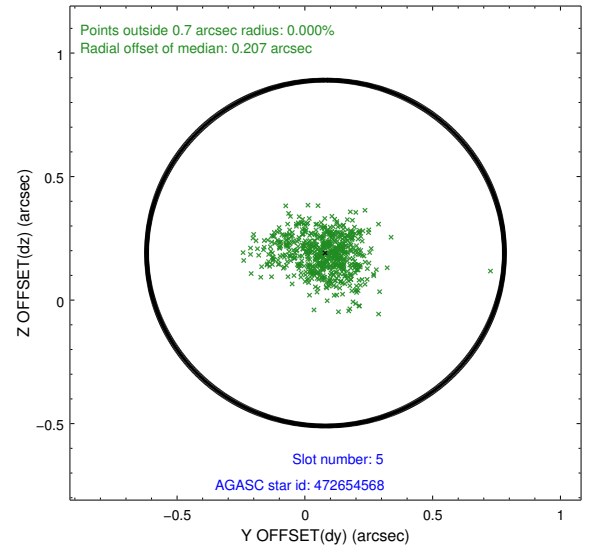
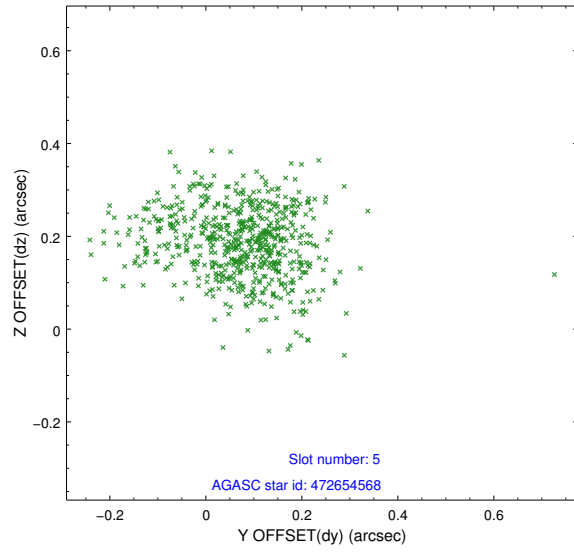
2.4.2 Slot 4



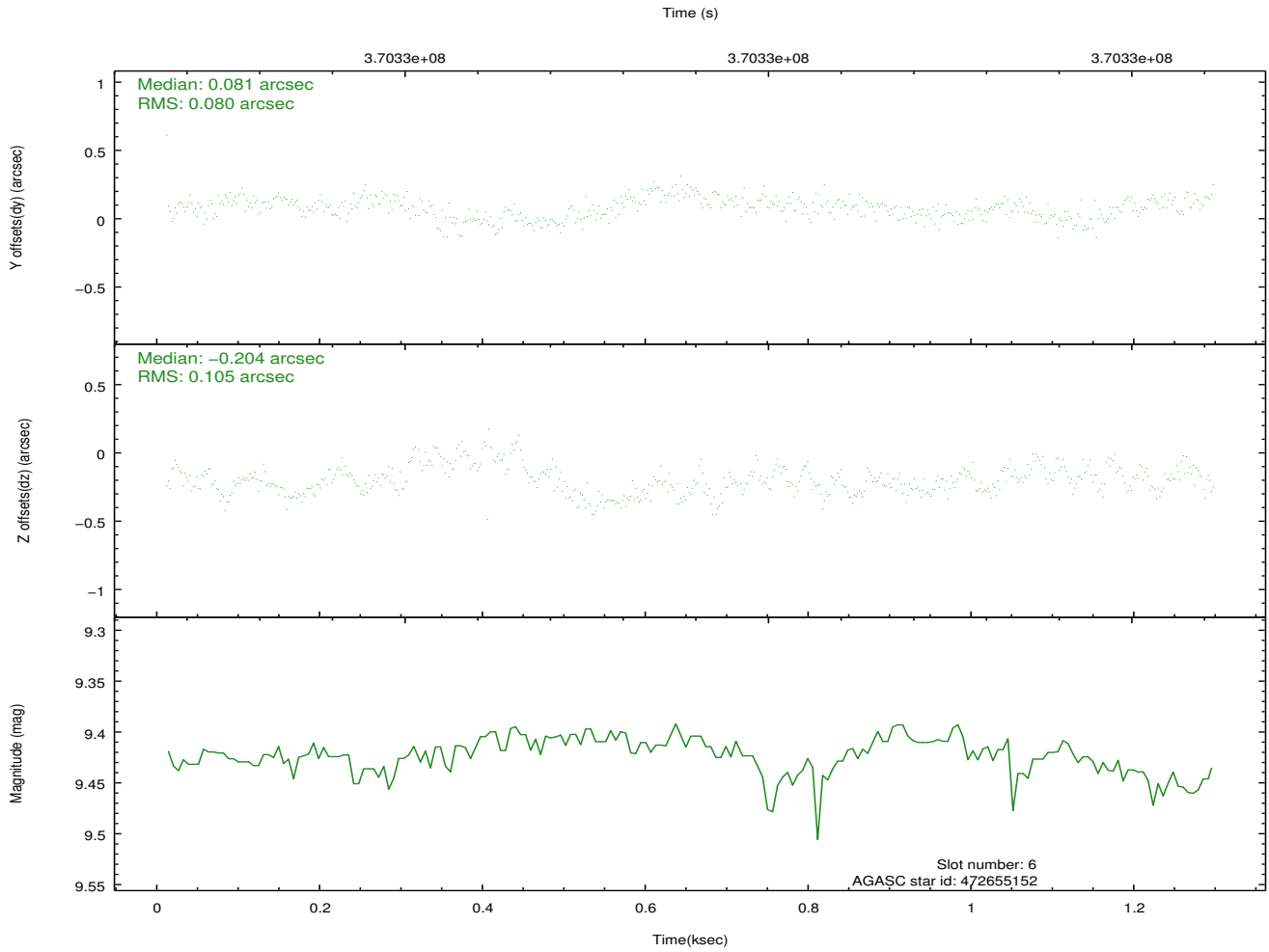
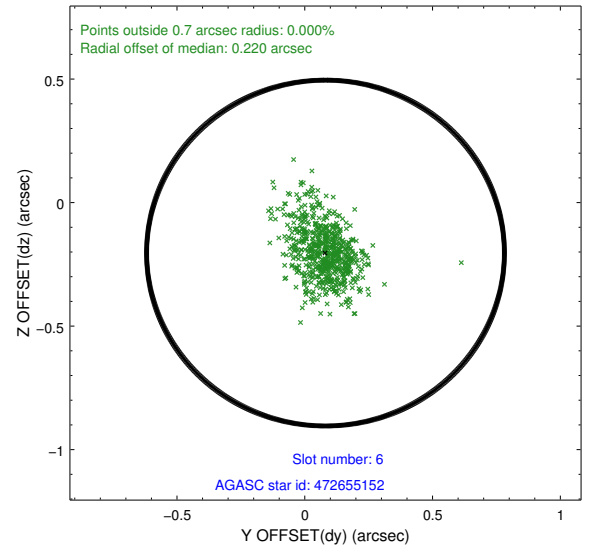
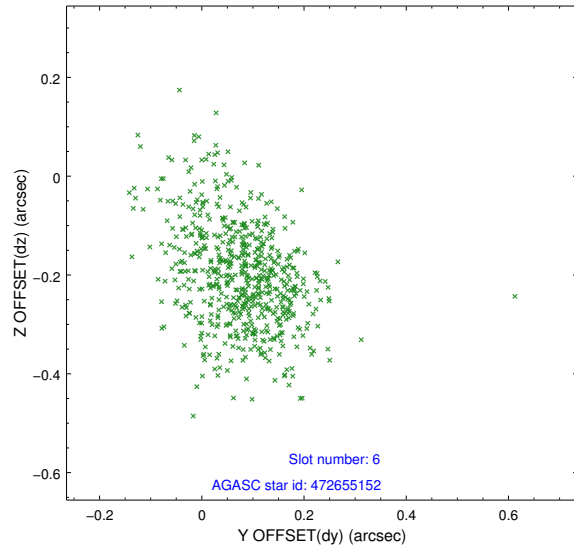
Time (s)



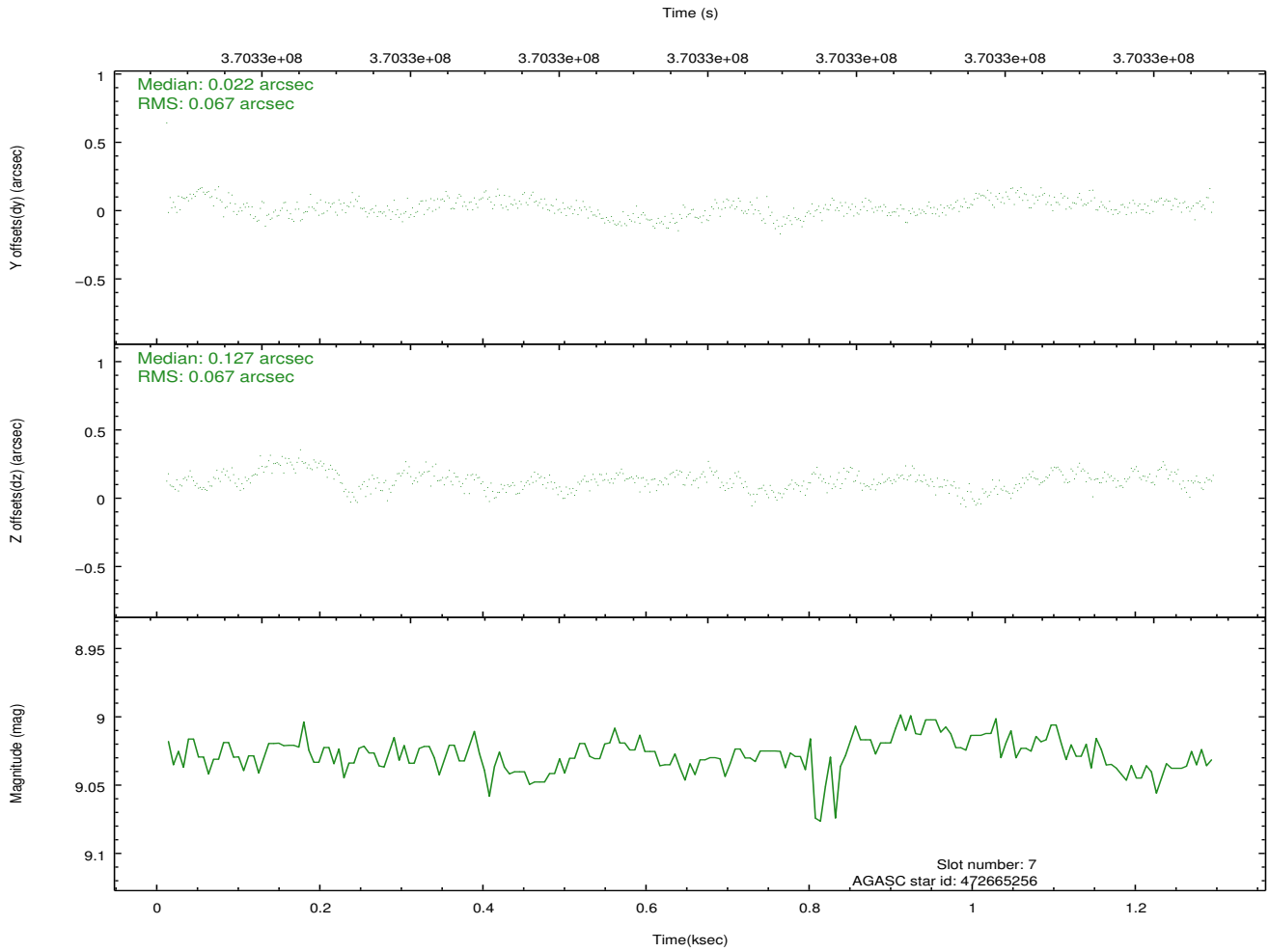
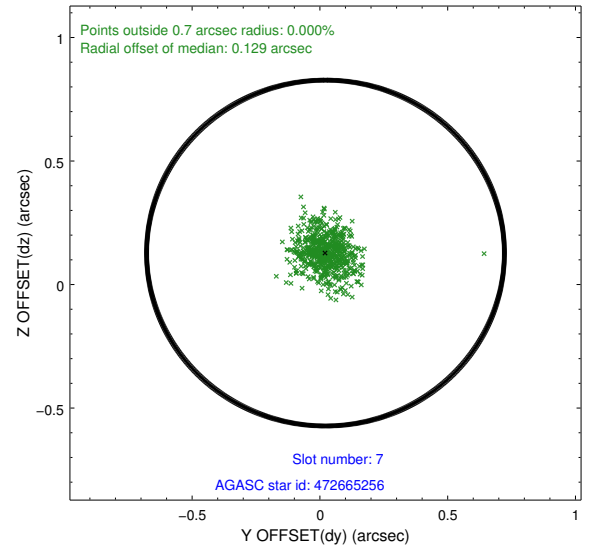
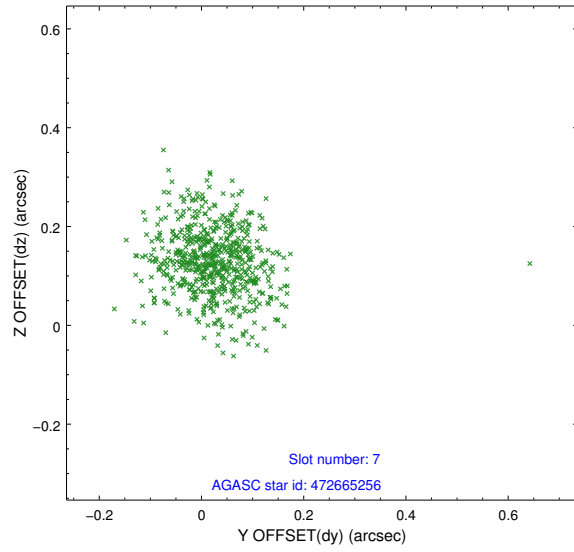
2.4.3 Slot 5



2.4.4 Slot 6

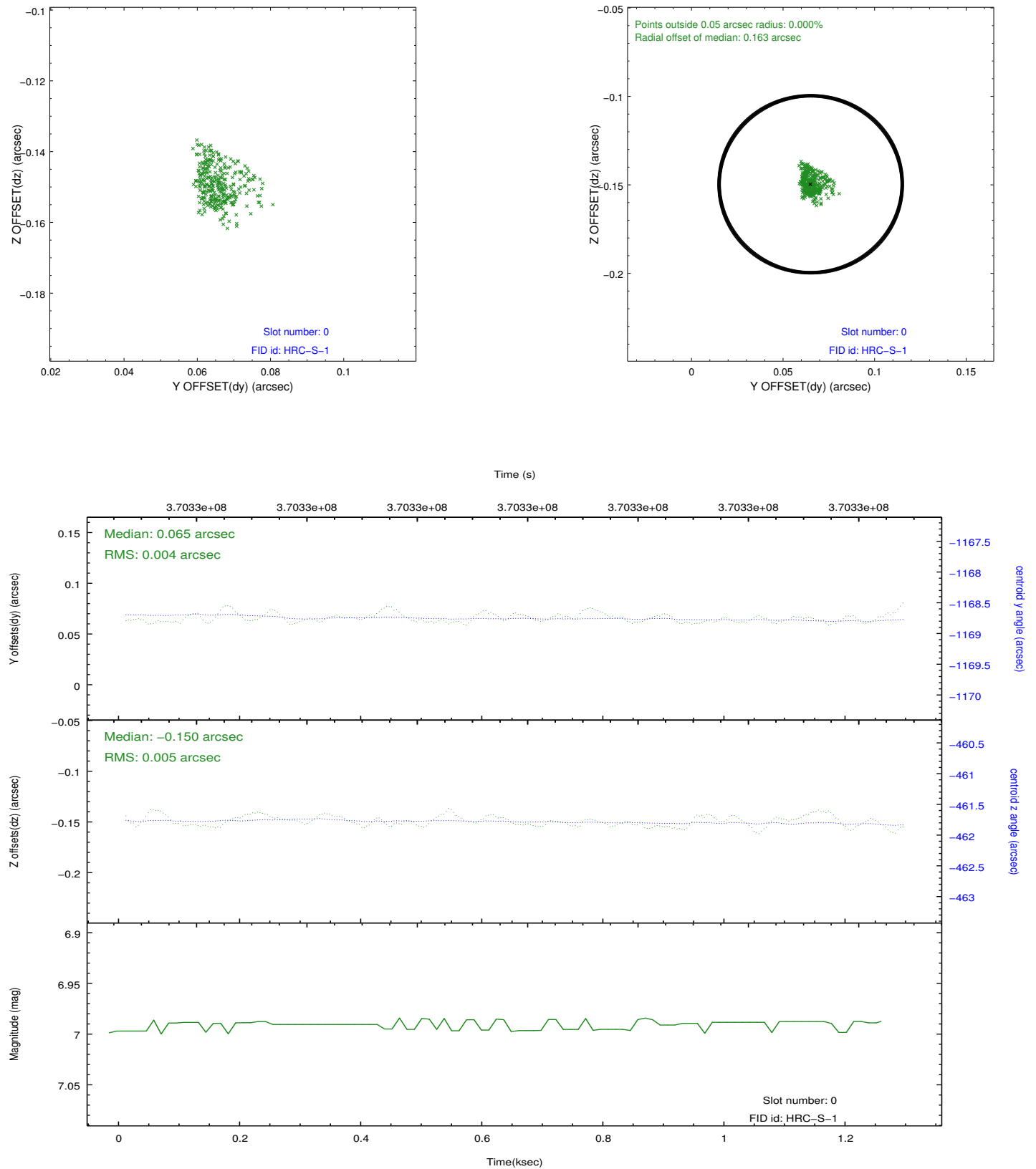


2.4.5 Slot 7

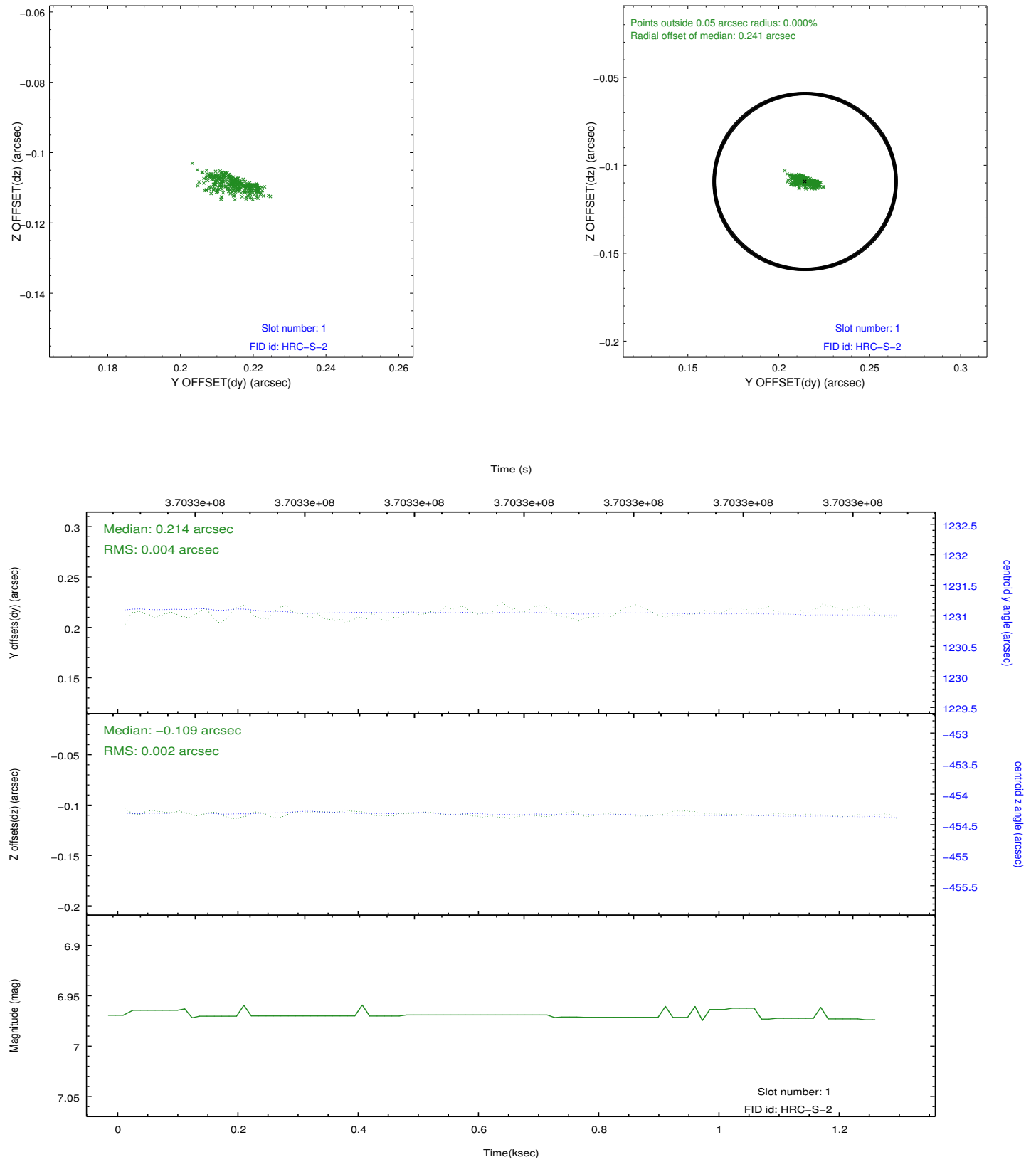


2.5 FID Slots

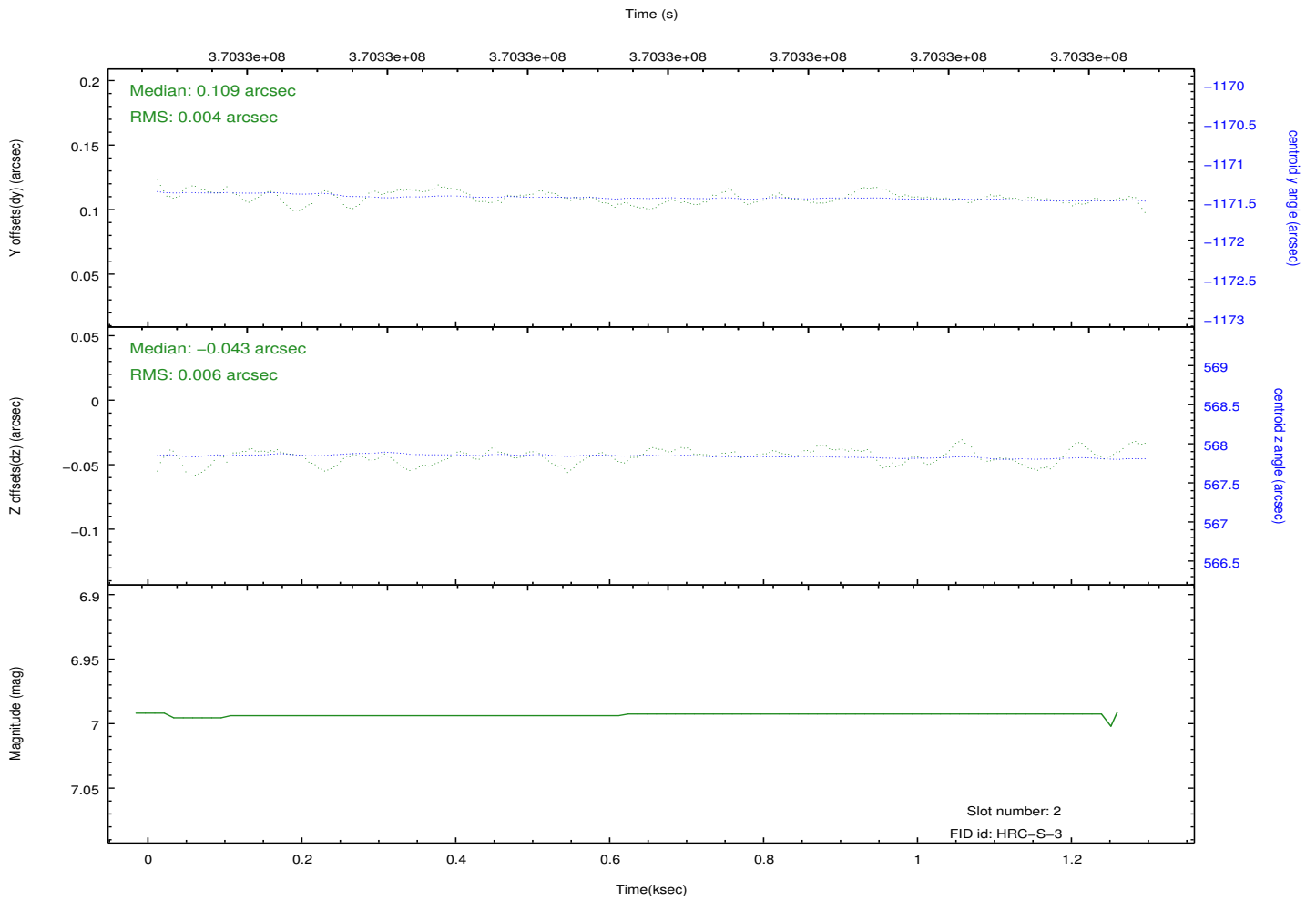
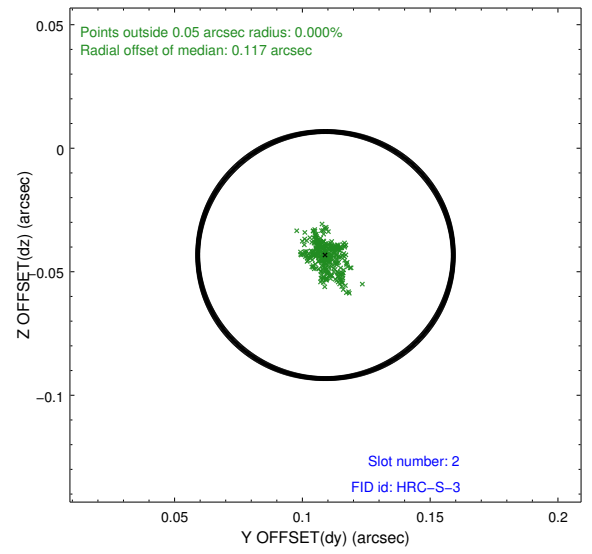
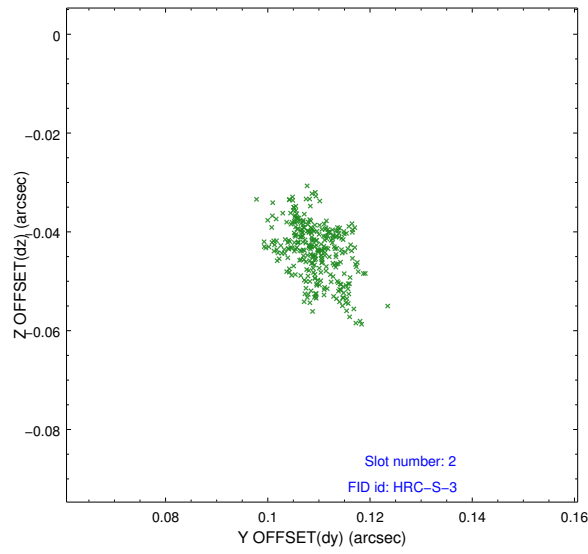
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.2845813145041

A.2 Comments