

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6515 - L2 Version 3
Chandra X-Ray Center

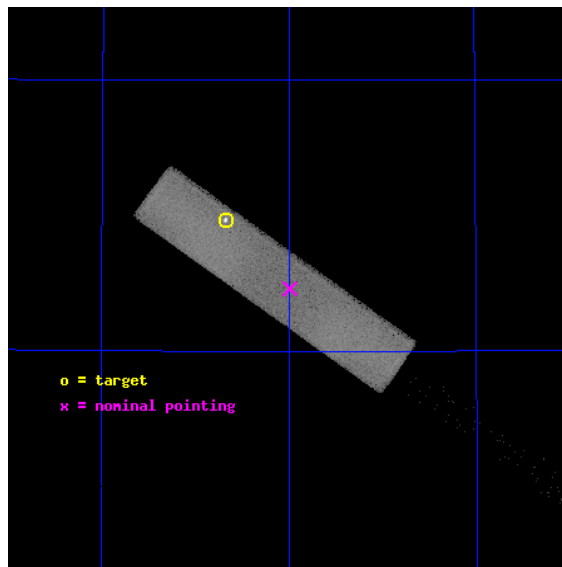
L2 Processing Date : Aug 11 2012

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1 Front

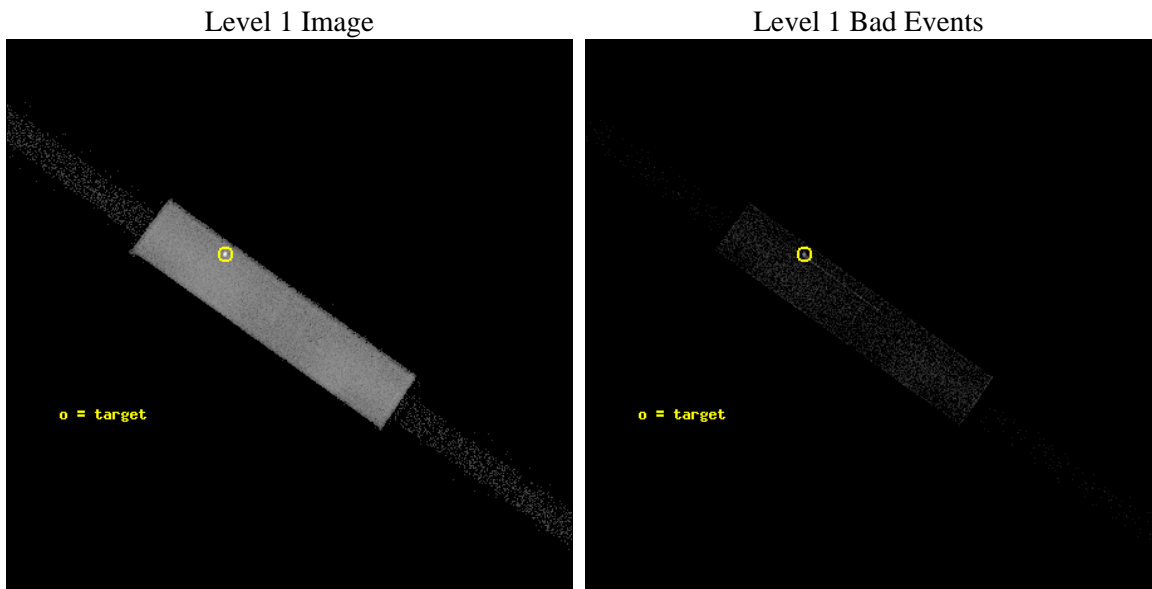
seq_num	290608	Sequence number
obs_id	6515	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.99769139045	Nominal RA [deg]
dec_nom	45.615576224708	Nominal Dec [deg]
roll_nom	215.2469818611	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.4813043475	[s]
livetime	1141.1776625189	Ontime multiplied by DTCOR
l2events	112879	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	1157.4813043475	[s]
caldsver	4.5.1.1	 	l1events	171316	Number of level 1 events
date	2012-08-11T15:02:15	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

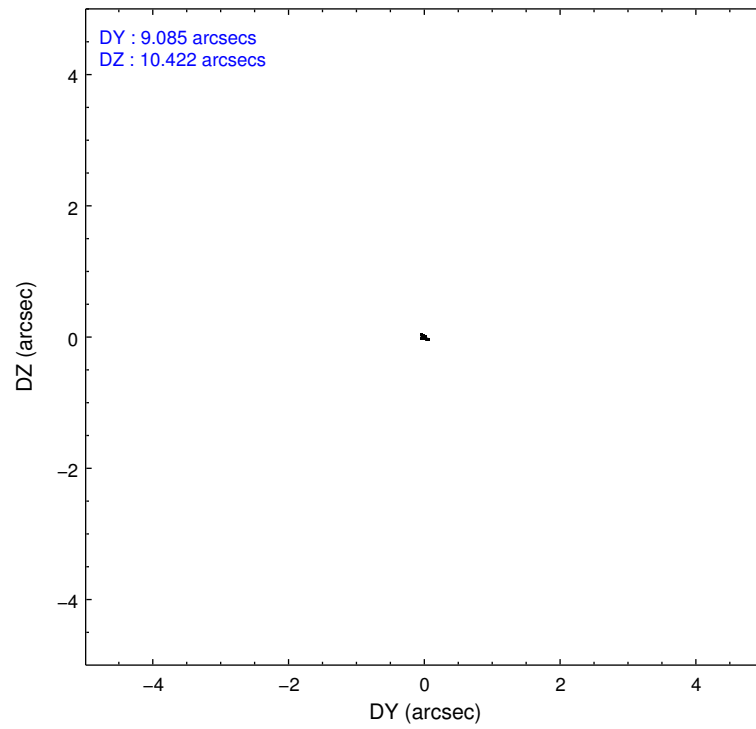
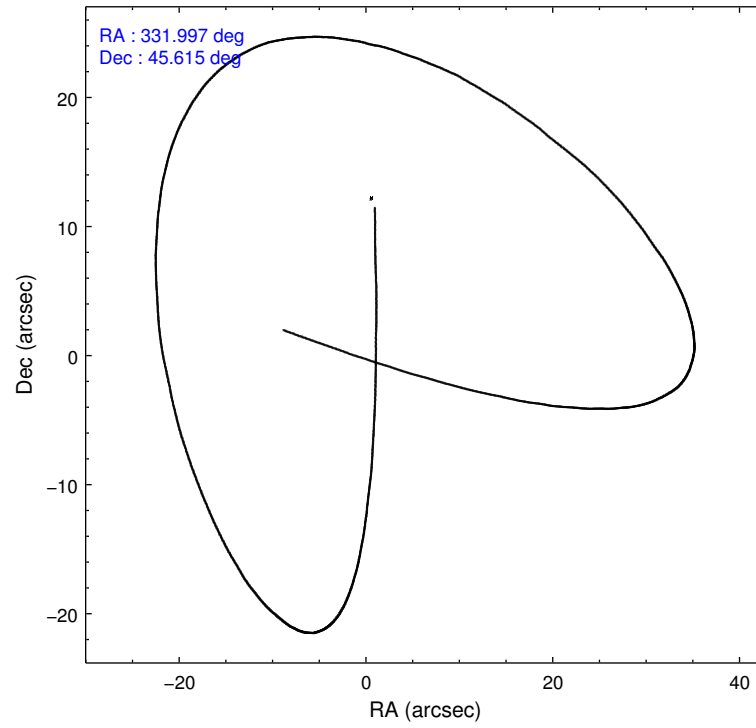
	segment 1	segment 2	segment 3
level 1 events	1861	167807	1648
rejected events	1861	40935	1550
rejected %	100%	24%	94%

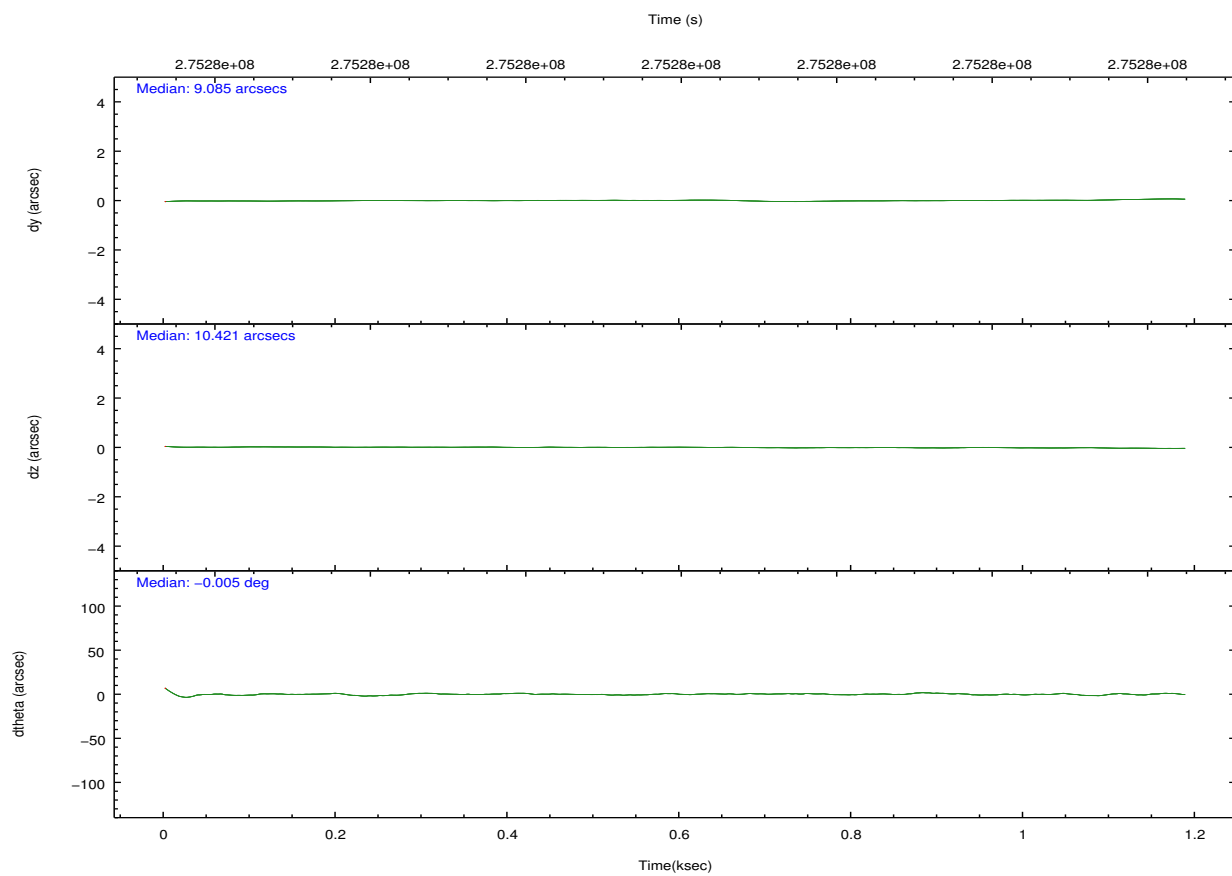
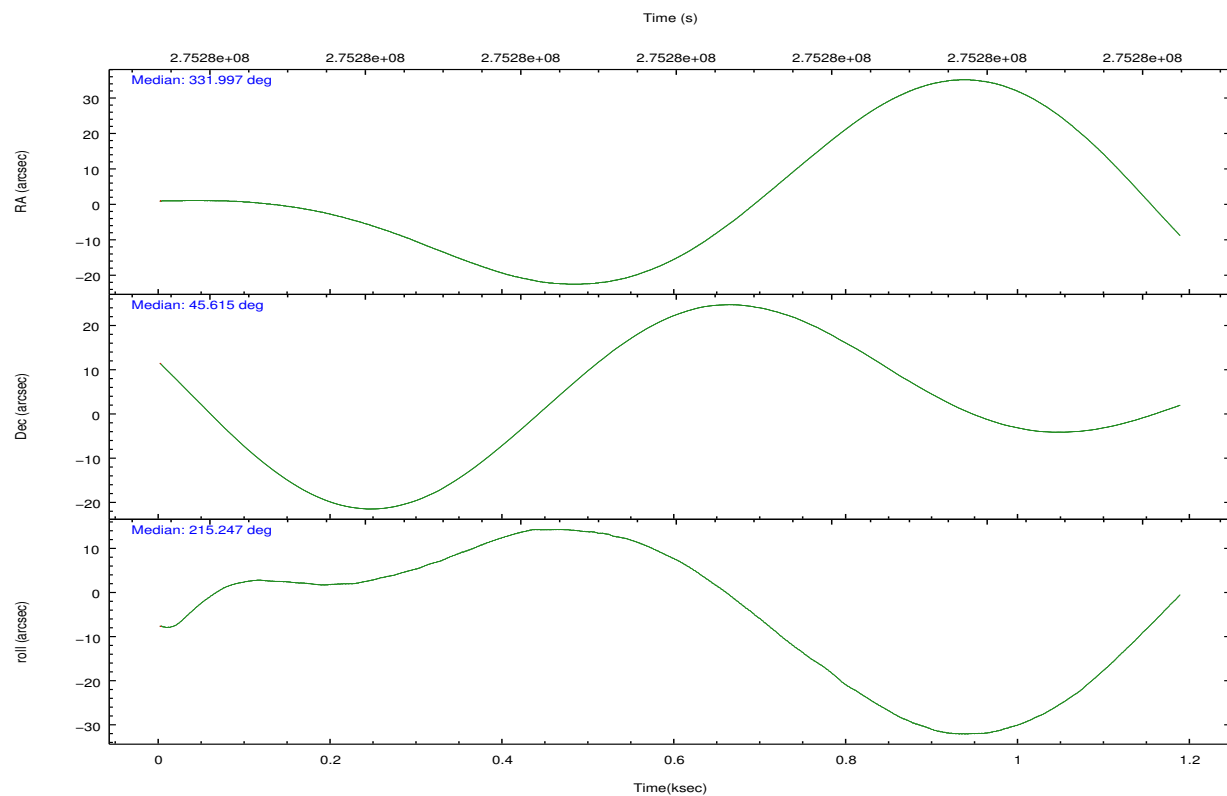
2.2 Compared Parameters

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	332.012008	331.9976913904546
[deg] Pointing Dec	45.643106	45.61557622470833
[deg] Pointing Roll	215.169406	215.2469818611044
[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)	275280990.184000	275280614.10605
Observation start date	2006-09-22T02:55:25	2006-09-22T02:50:14
[s] Observation end time (MET)	275281990.184000	275282124.44362
Observation end date	2006-09-22T03:12:05	2006-09-22T03:15:24

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

2.3 Aspect



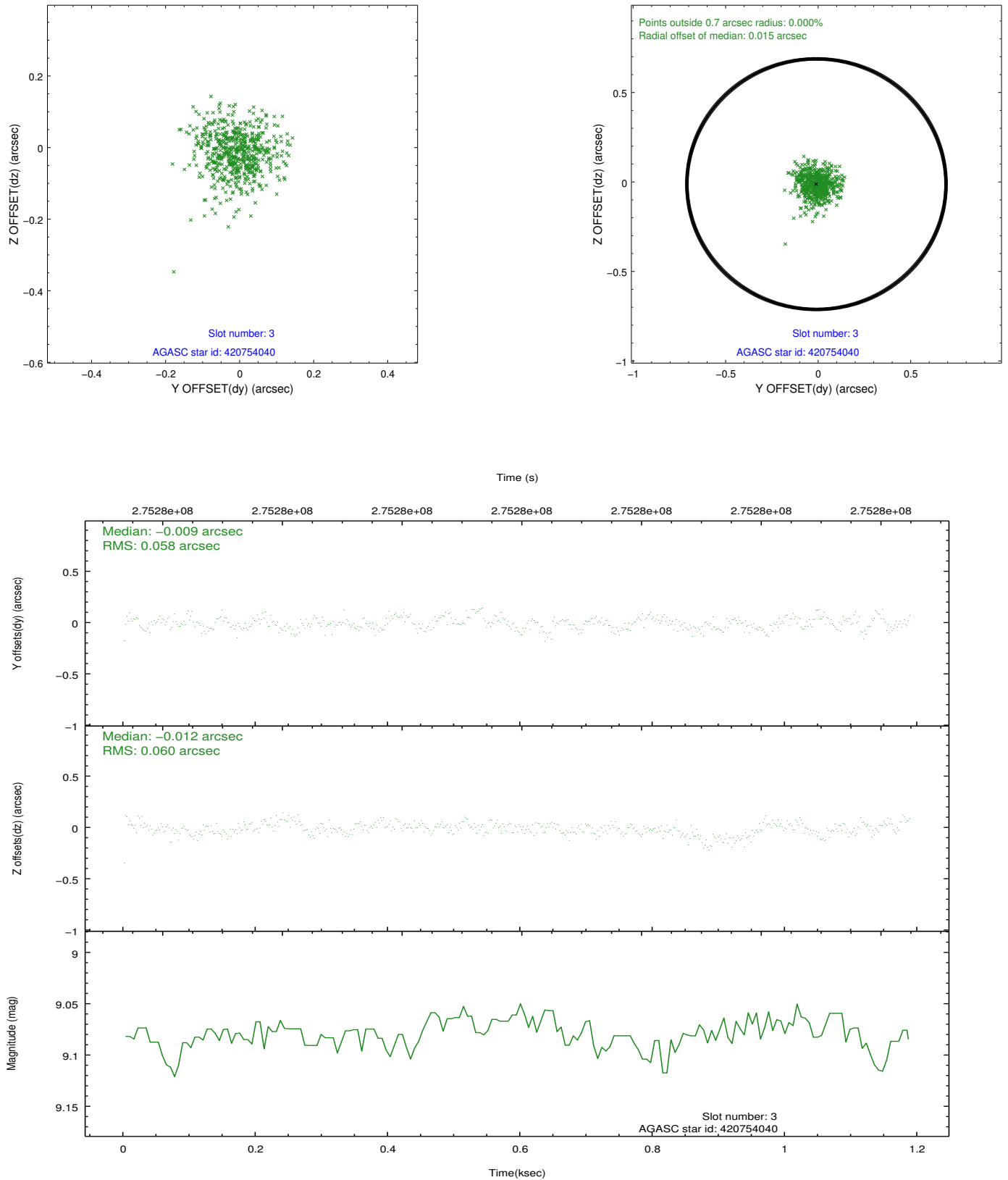


Slot Statistics

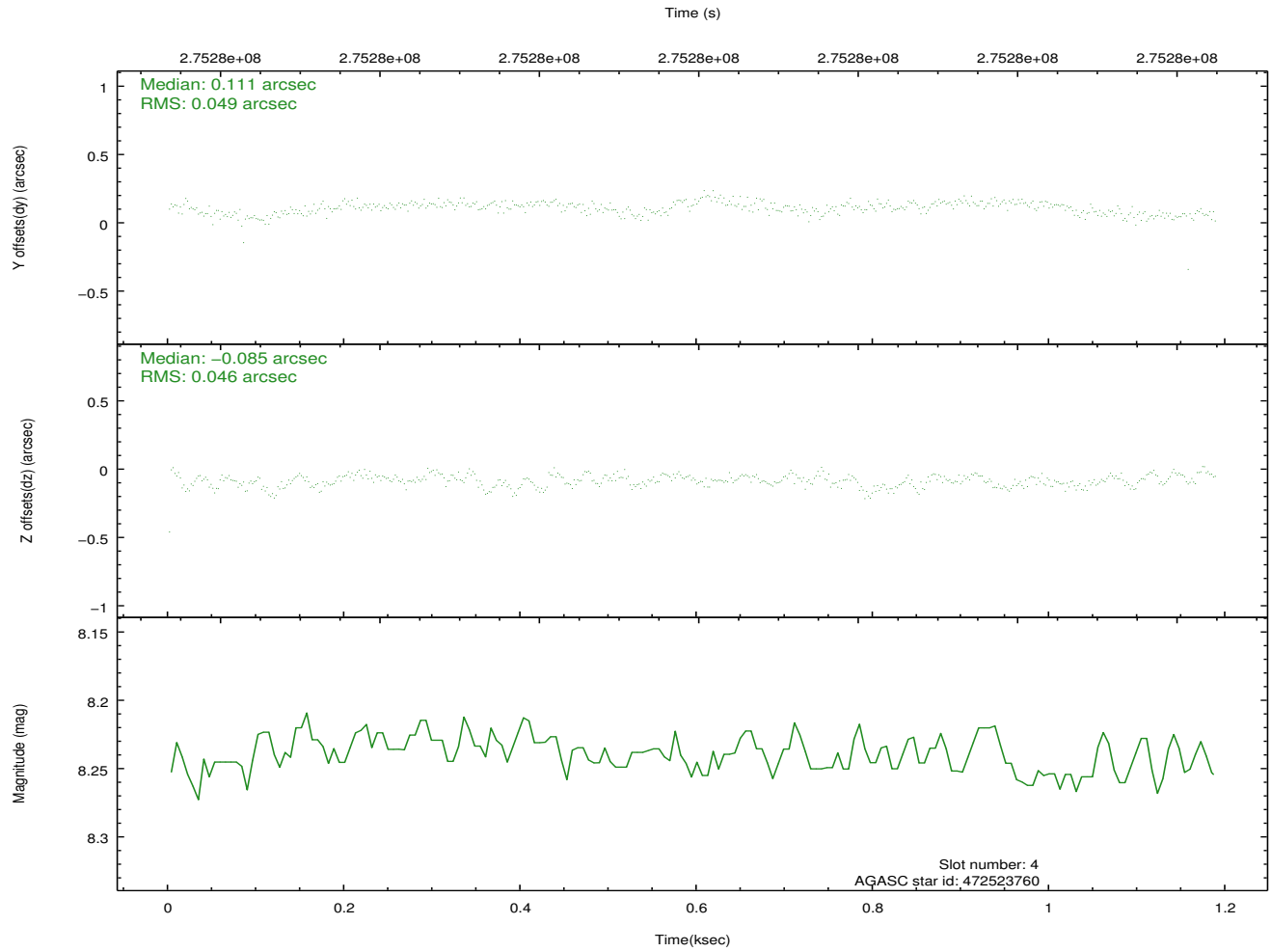
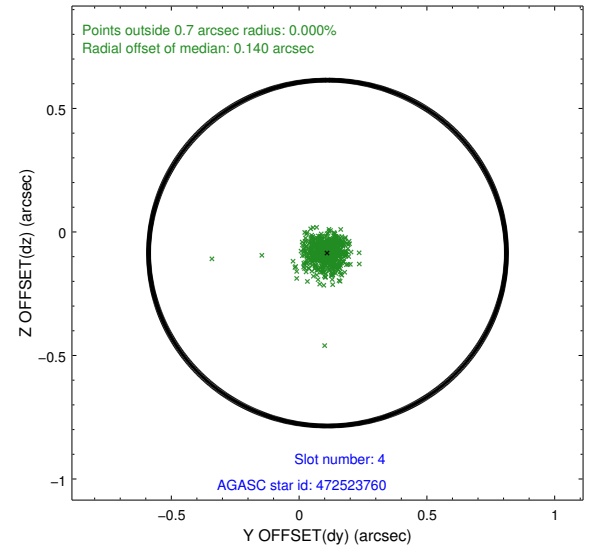
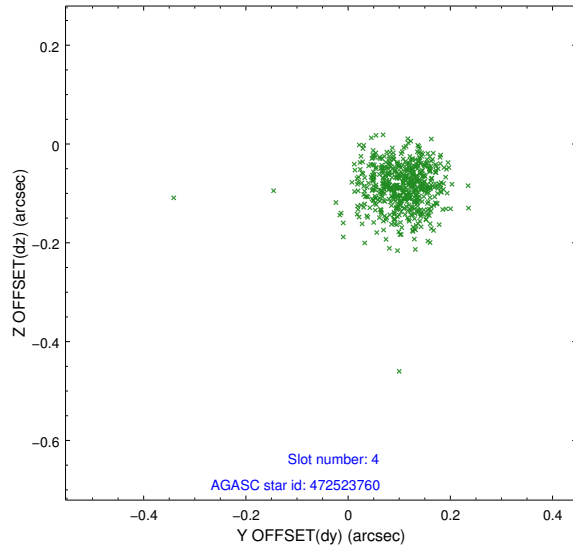
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.07	290	0.103	-0.135	0.005	0.012	0.000000	0.000000	-1163.29	-459.13
1	FID	HRC-S-2	7.05	290	0.090	-0.131	0.008	0.015	0.000000	0.000000	1232.34	-453.28
2	FID	HRC-S-4	7.02	290	0.211	-0.039	0.009	0.014	0.000000	0.000000	1239.27	571.56
3	GUIDE	420754040	9.08	580	-0.009	-0.012	0.087	0.145	331.917939	44.882543	1772.62	2096.11
4	GUIDE	472523760	8.24	580	0.111	-0.085	0.067	0.109	331.645363	45.403260	1257.15	169.77
5	GUIDE	472527720	7.01	580	-0.148	0.046	0.078	0.139	331.460205	45.112509	2245.71	746.37
6	GUIDE	472655152	9.43	579	0.054	-0.079	0.109	0.169	332.504239	45.862991	-1462.68	57.76
7	GUIDE	472533912	9.15	579	-0.014	0.130	0.128	0.198	331.791136	46.368695	-1058.79	-2455.85

2.4 Star Slots

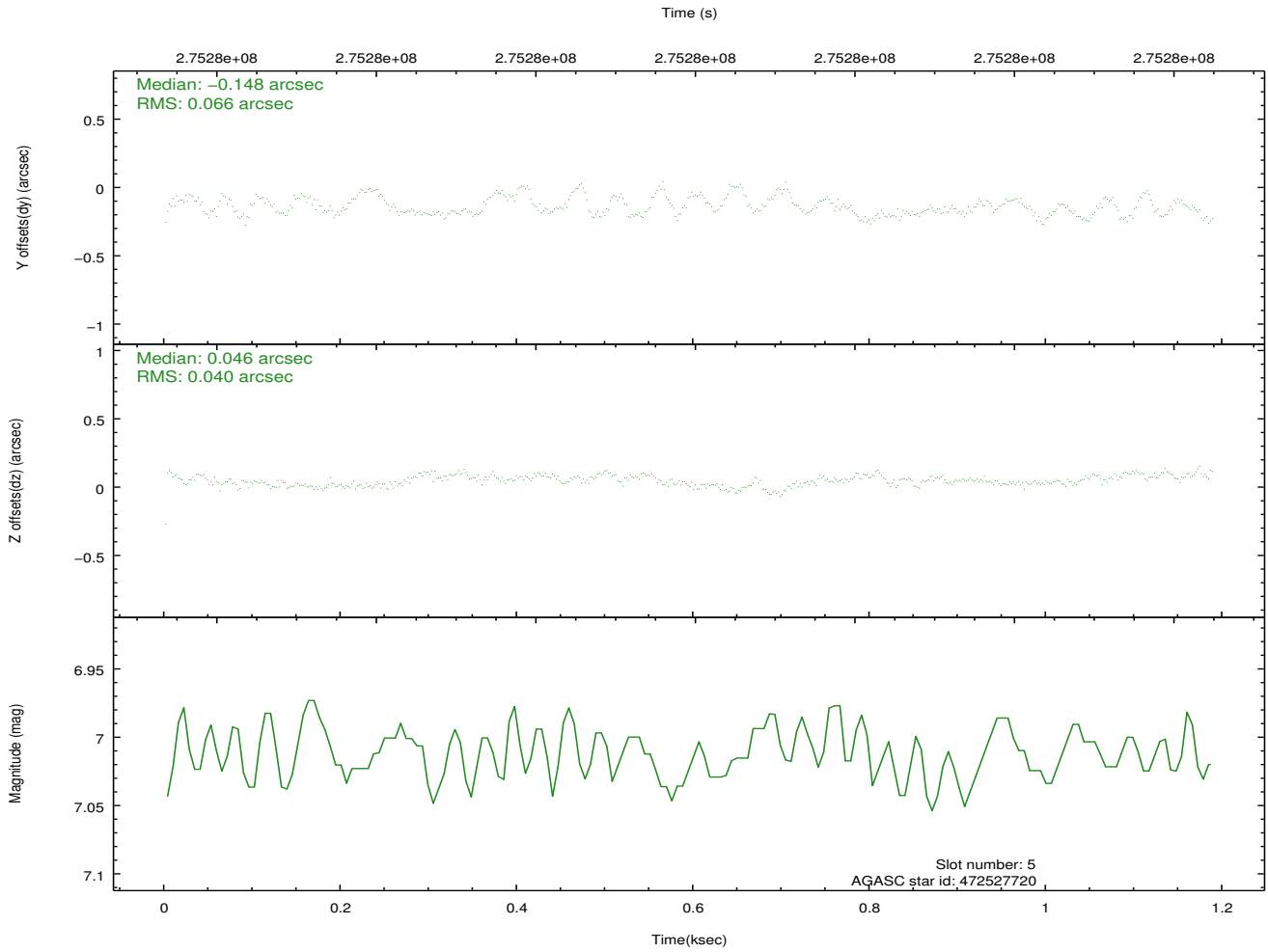
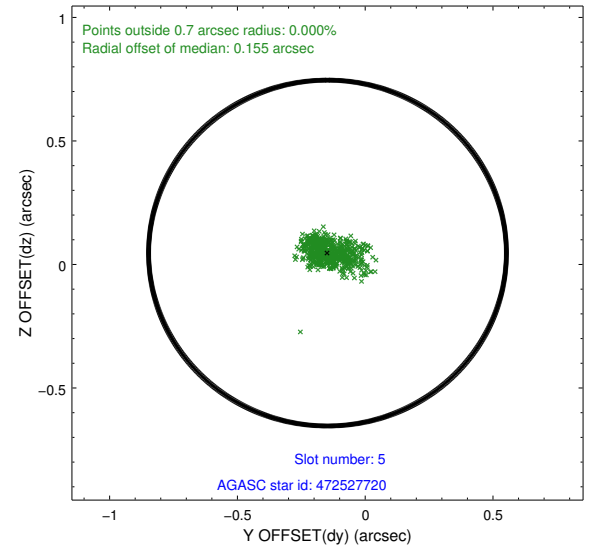
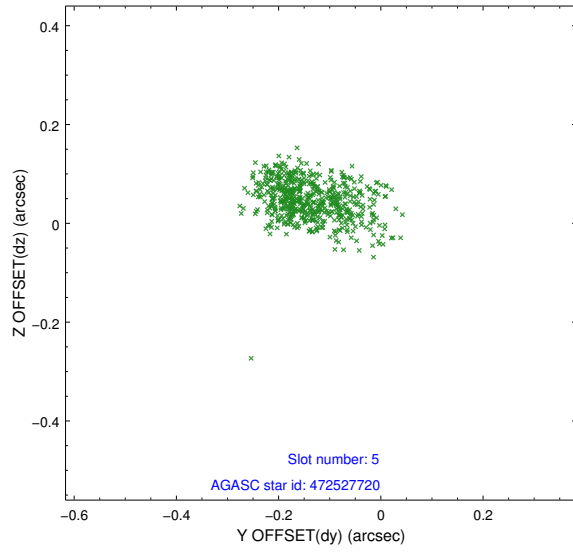
2.4.1 Slot 3



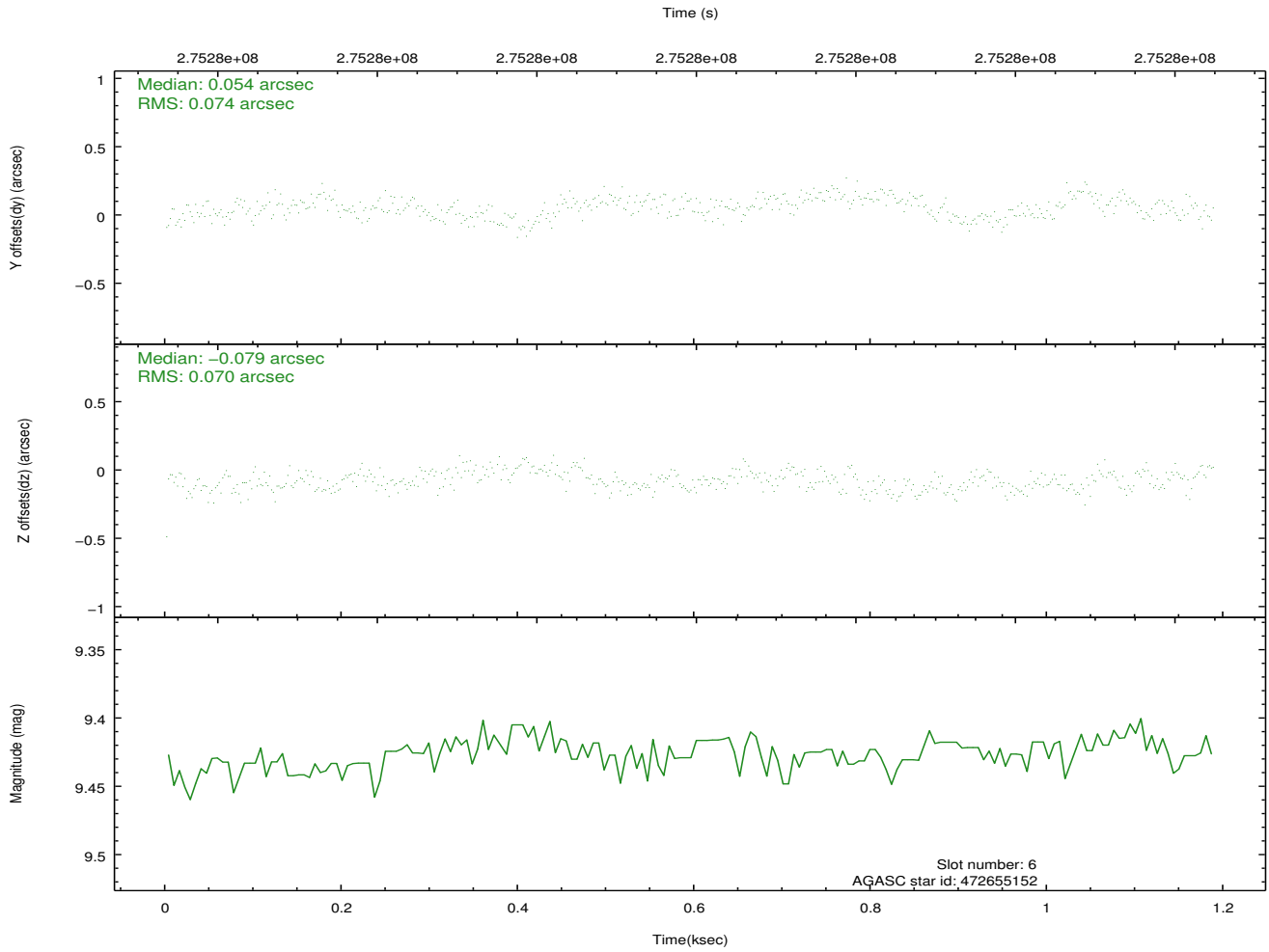
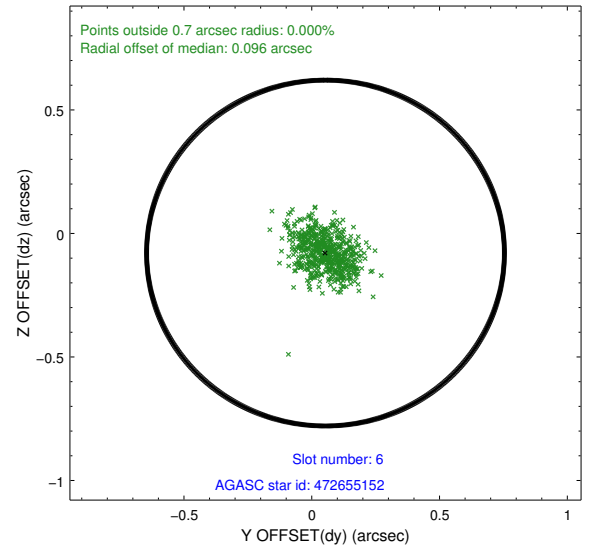
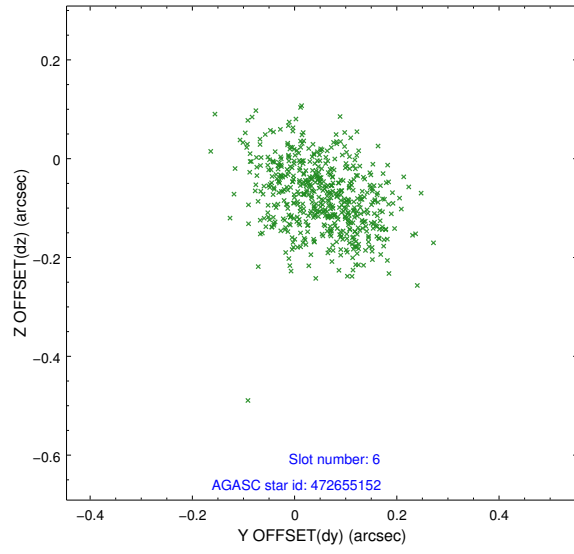
2.4.2 Slot 4



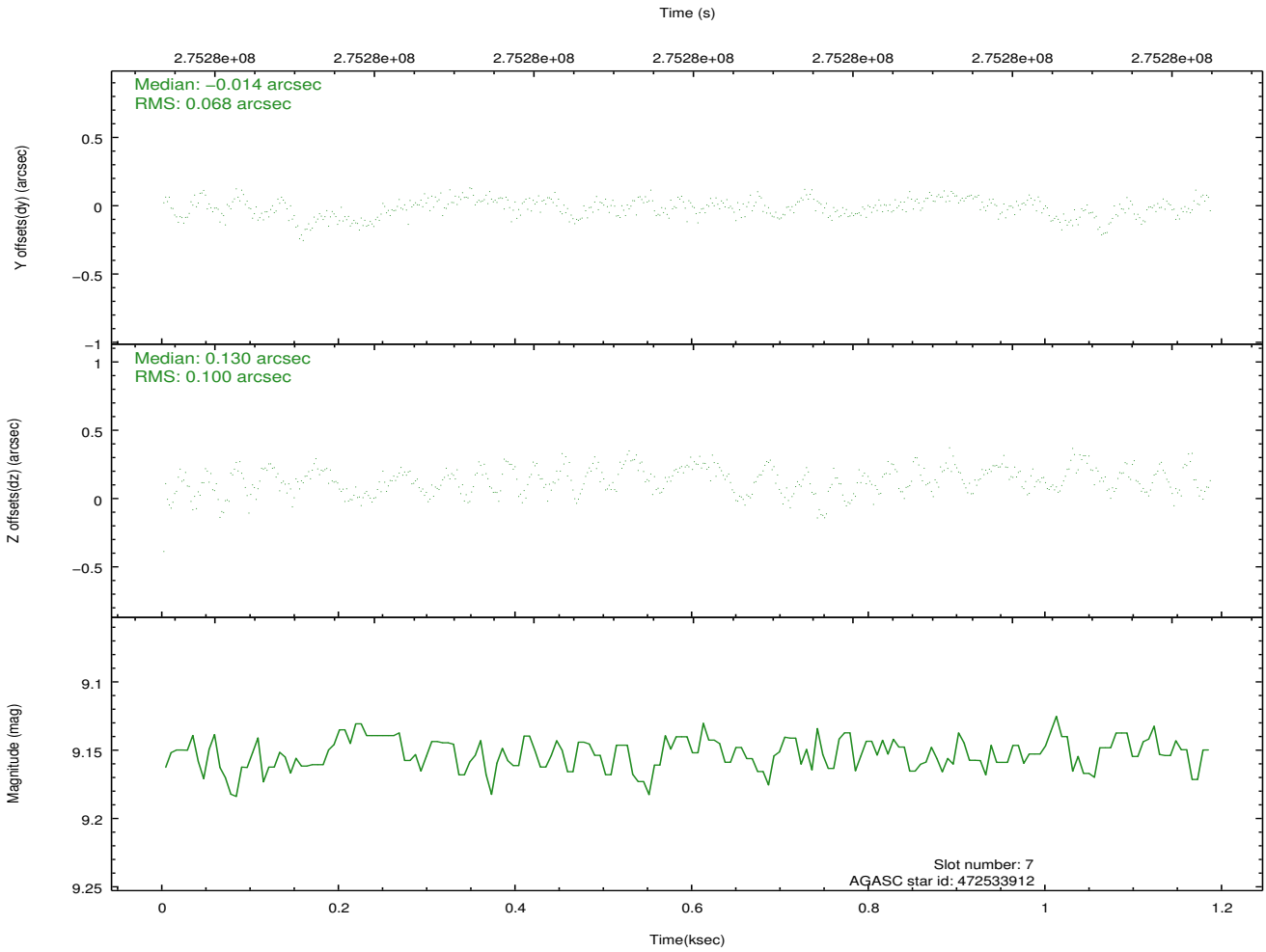
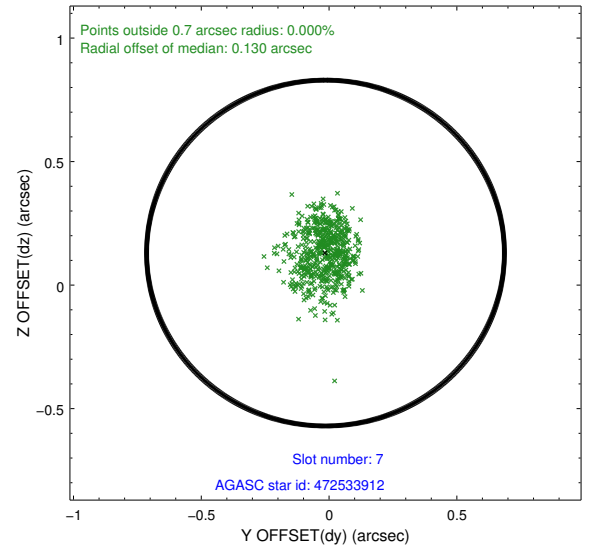
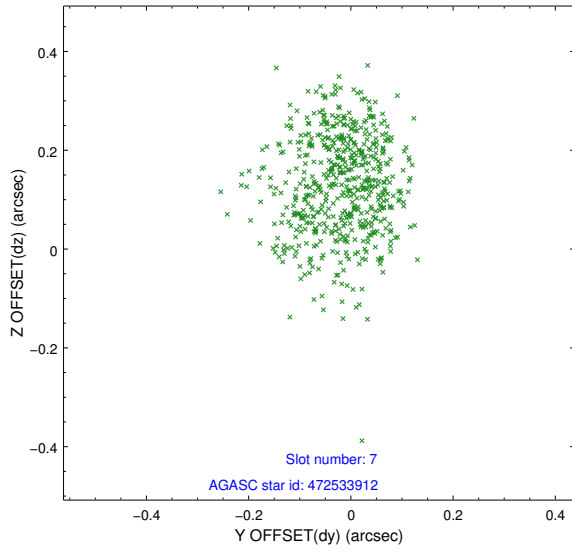
2.4.3 Slot 5



2.4.4 Slot 6

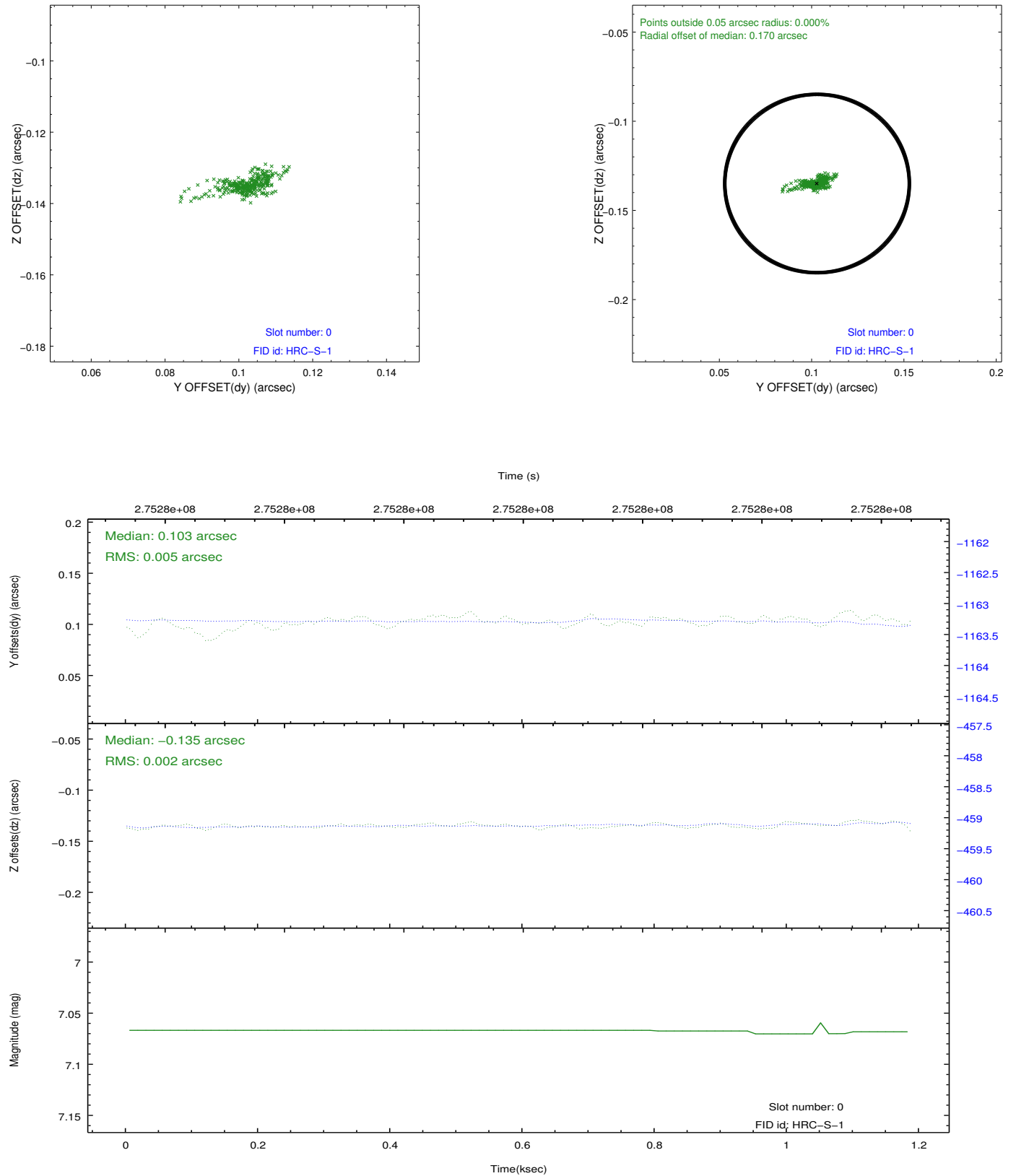


2.4.5 Slot 7

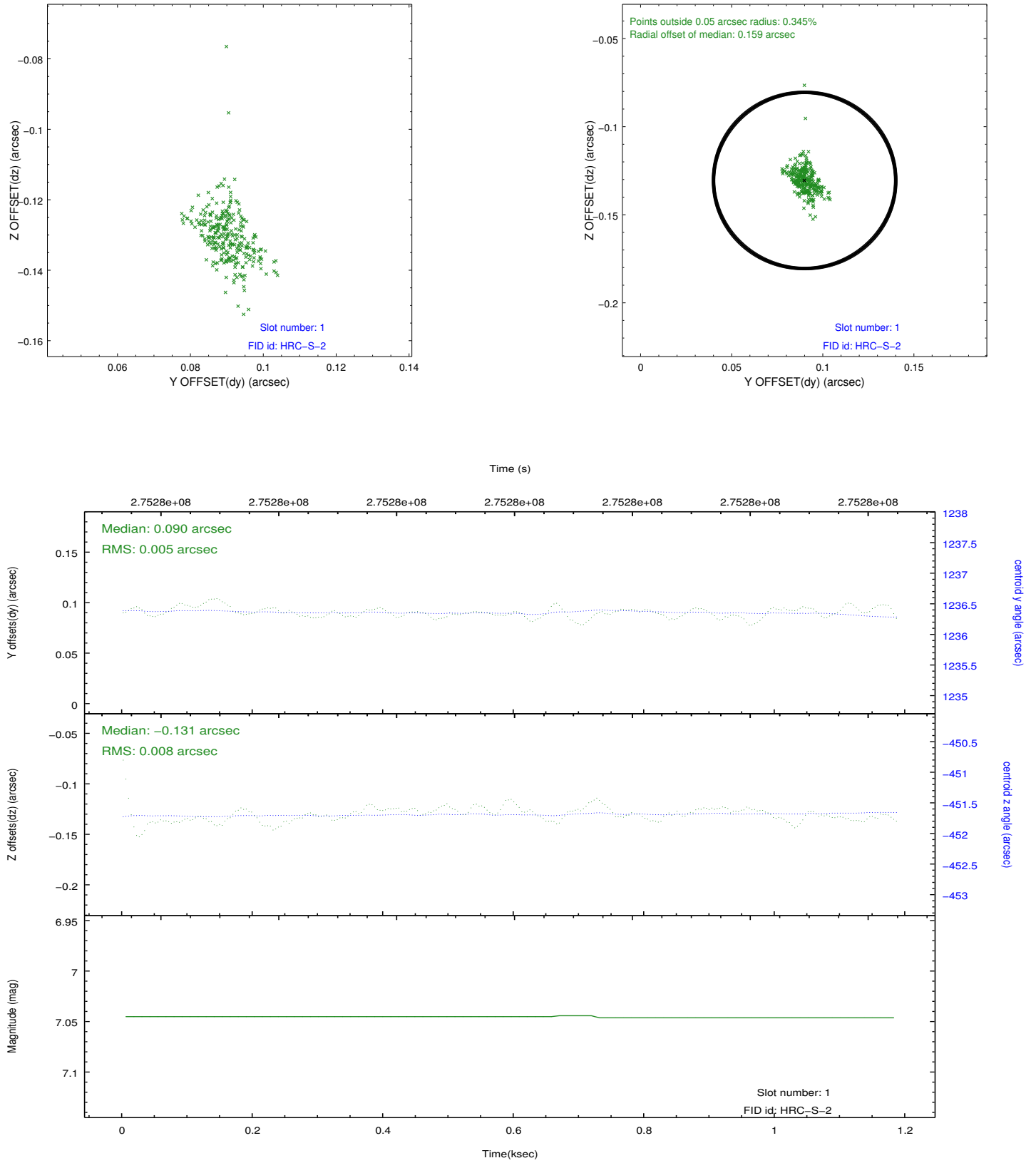


2.5 FID Slots

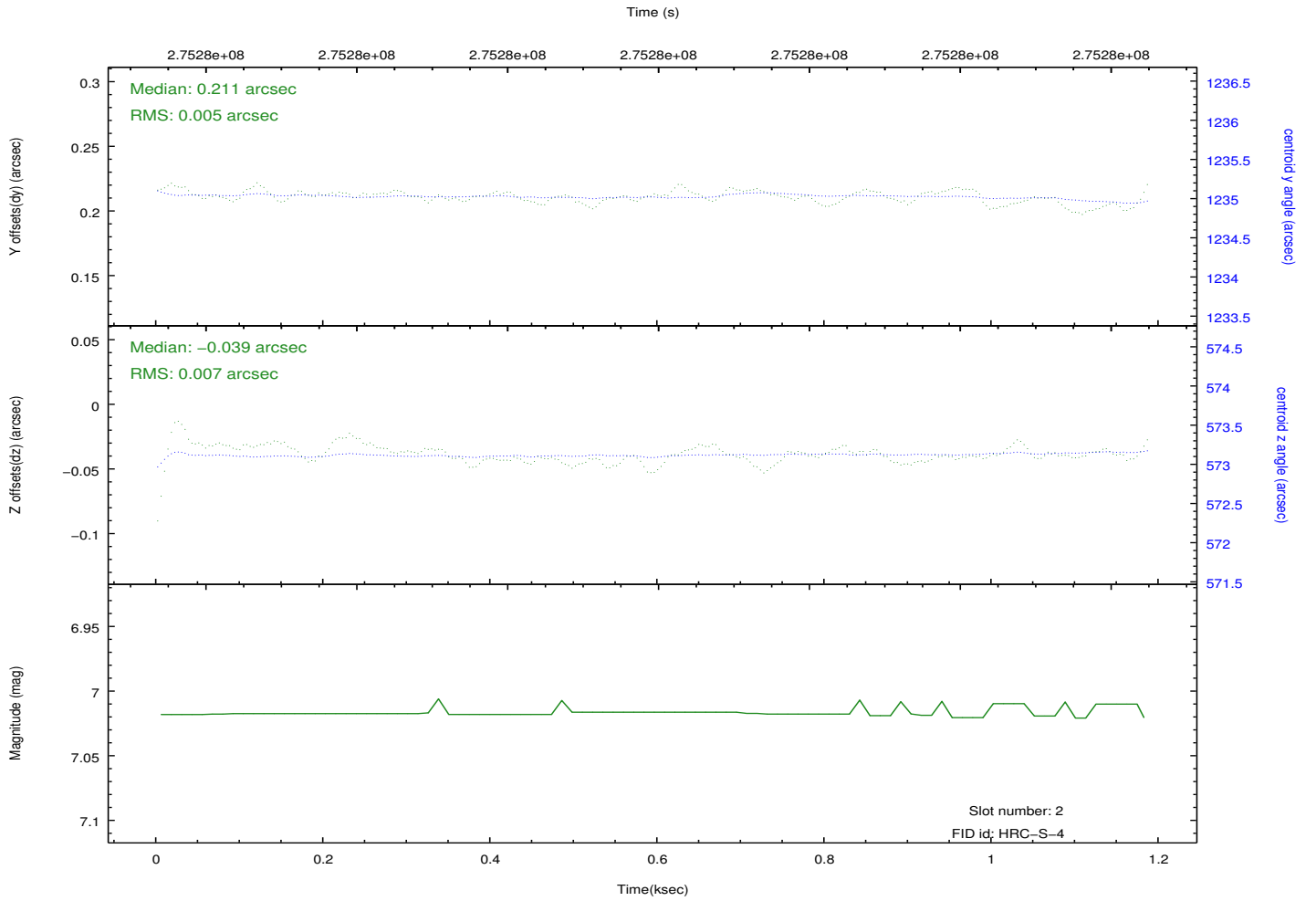
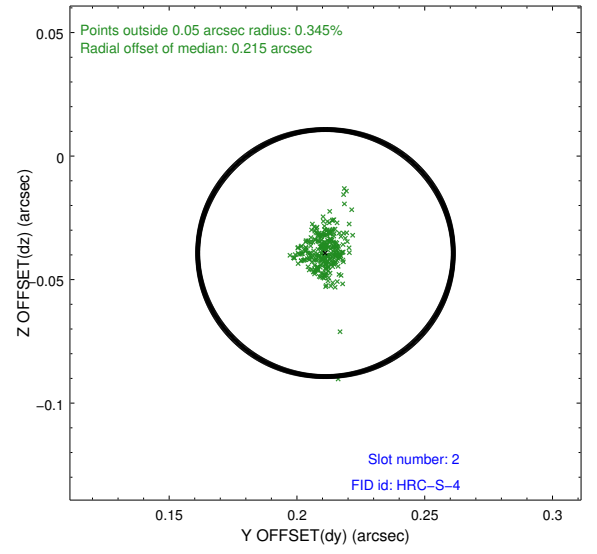
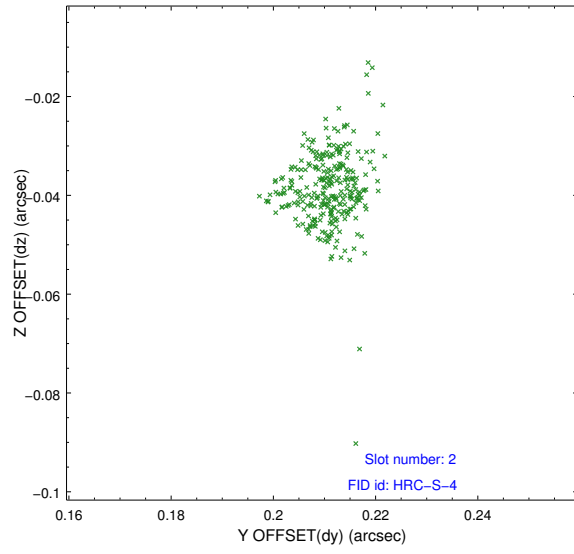
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1574813

A.2 Comments