

V&V Reference Report

L2 ASCDS Version : 10.5.1.1

Observation 18379 - L2 Version 1
Chandra X-Ray Center

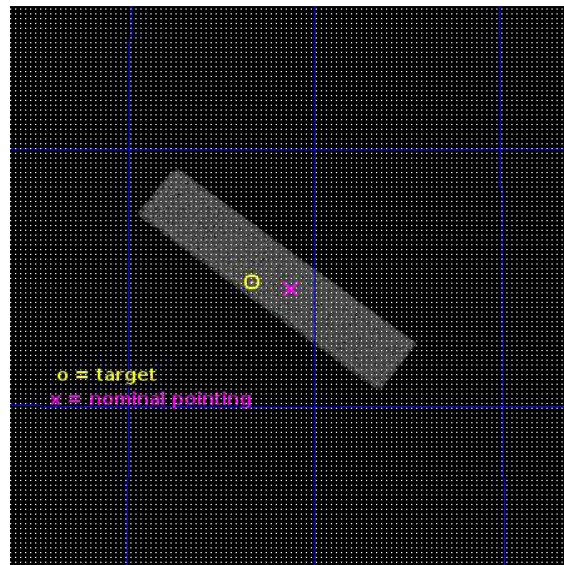
L2 Processing Date : Sep 23 2016

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1 Front

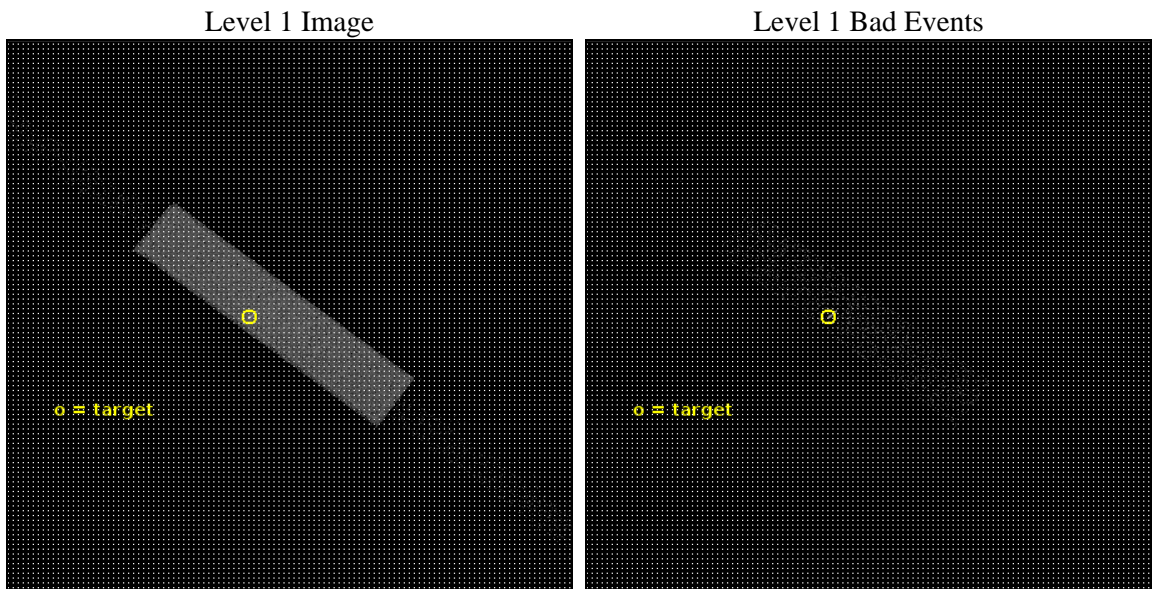
seq_num	291274	Sequence number
obs_id	18379	Observation id
title	AO-17 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.06269232069	Nominal RA [deg]
dec_nom	45.729660775484	Nominal Dec [deg]
roll_nom	217.22593920149	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1186.1813180447	[s]
livetime	1177.5122928681	Ontime multiplied by DTCOR
l2events	67067	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	10.5.1.1	Processing system revision	ontime	1186.1813180447	[s]
caldsver	4.7.2	 	l1events	99566	Number of level 1 events
date	2016-09-23T18:35:13	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

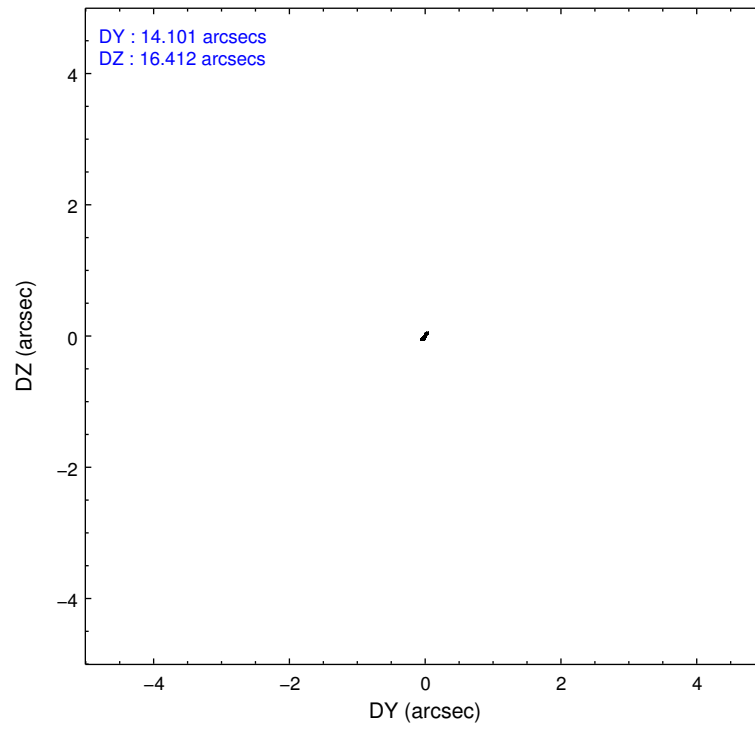
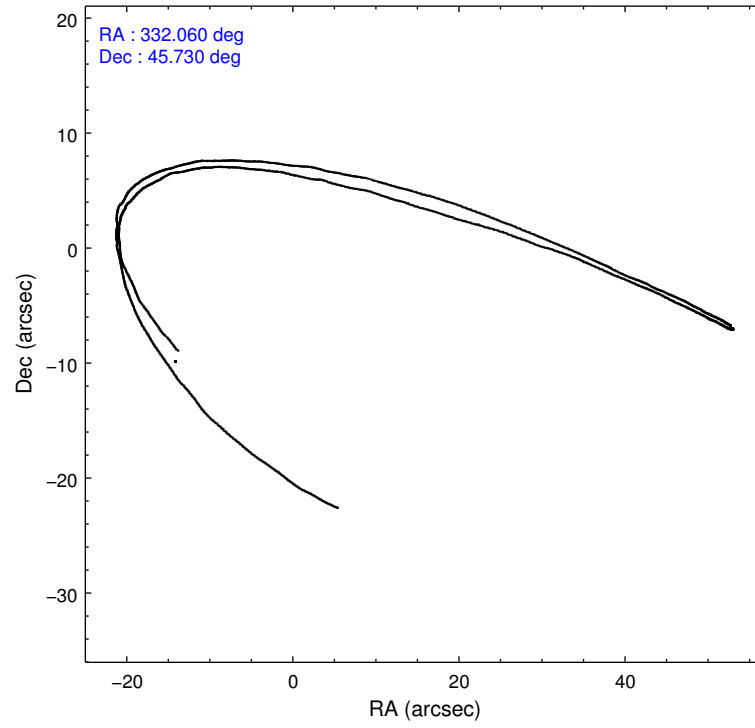
	segment 1	segment 2	segment 3
level 1 events	826	97959	781
rejected events	826	20205	781
rejected %	100%	20%	100%

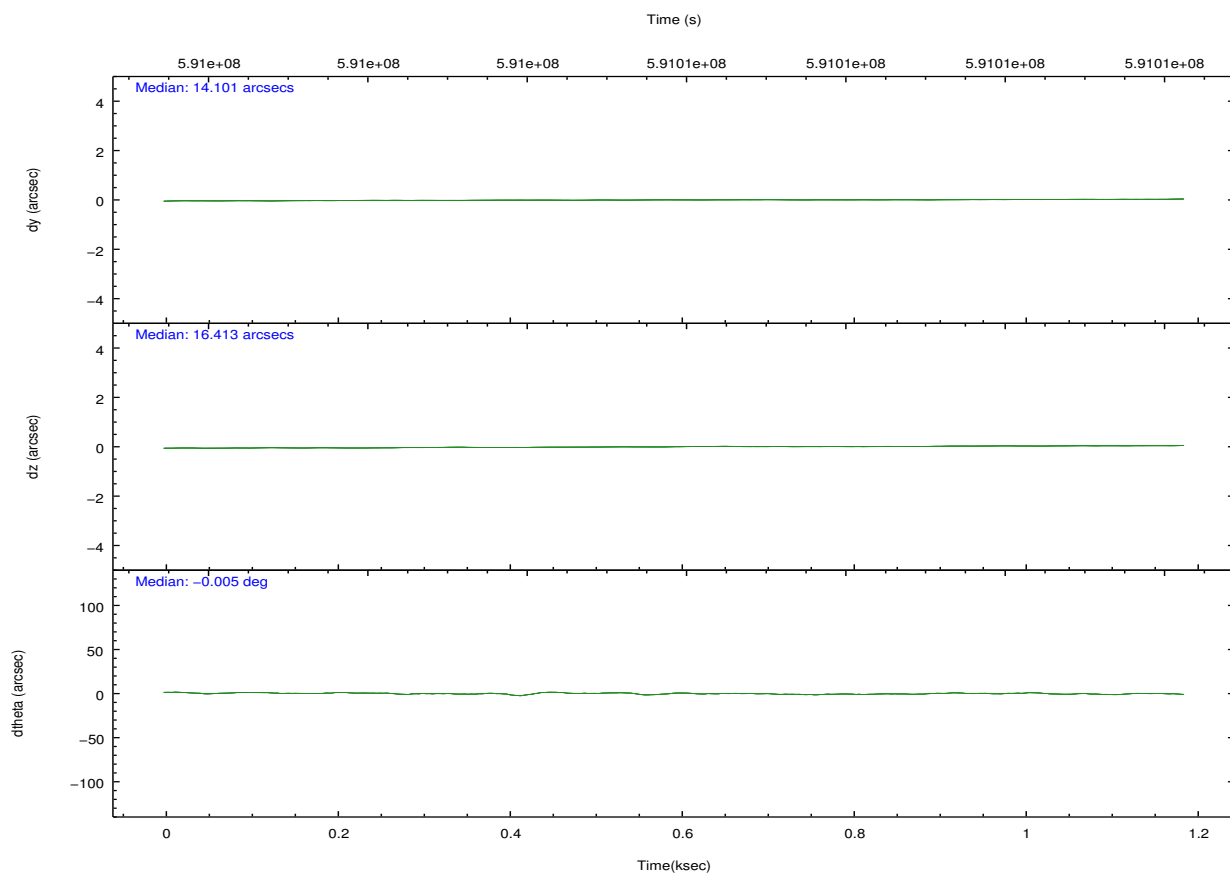
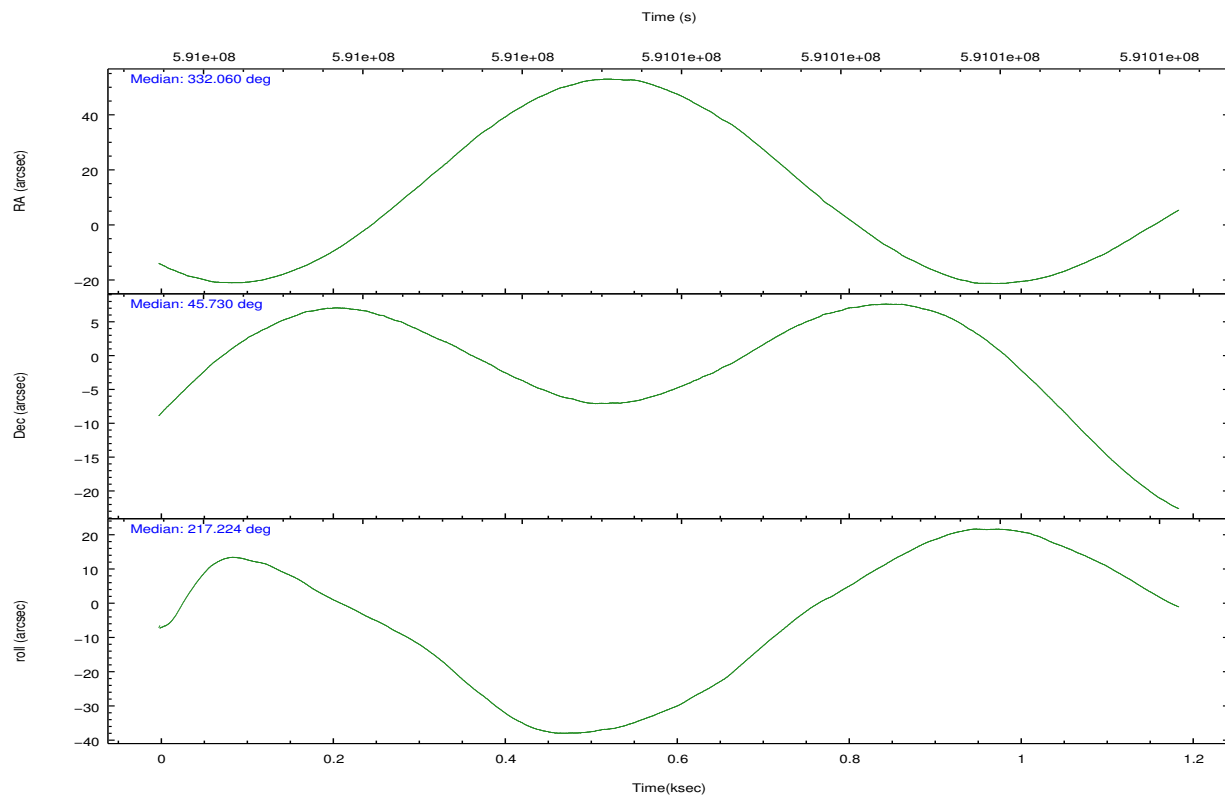
2.2 Compared Parameters

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	332.078121	332.0626923206921
[deg] Pointing Dec	45.756329	45.72966077548381
[deg] Pointing Roll	217.147596	217.2259392014936
[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)	591004792.184000	591004416.19135
Observation start date	2016-09-23T07:58:44	2016-09-23T07:53:36
[s] Observation end time (MET)	591005792.184000	591005926.01643
Observation end date	2016-09-23T08:15:24	2016-09-23T08:18:46

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

2.3 Aspect



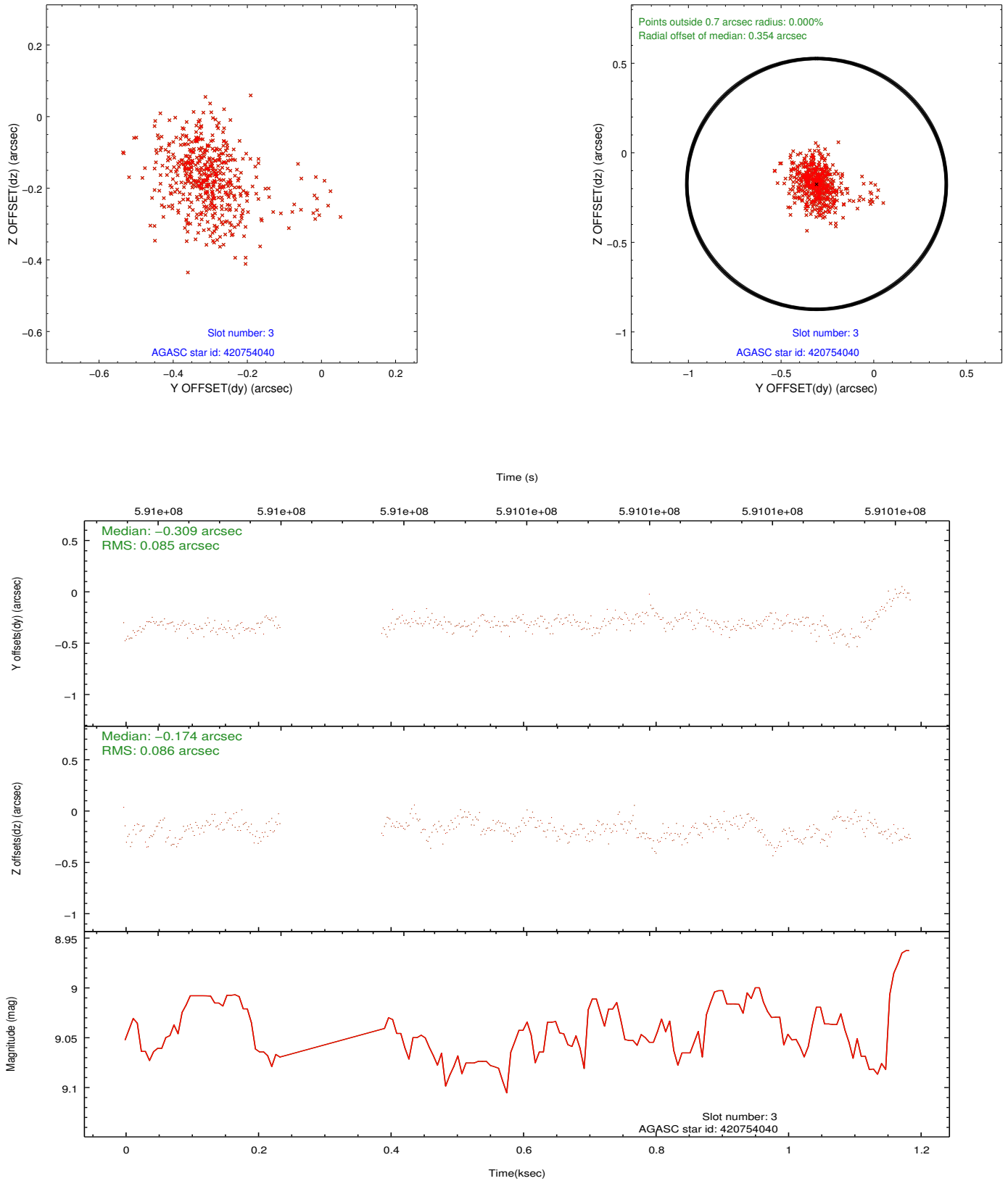


Slot Statistics

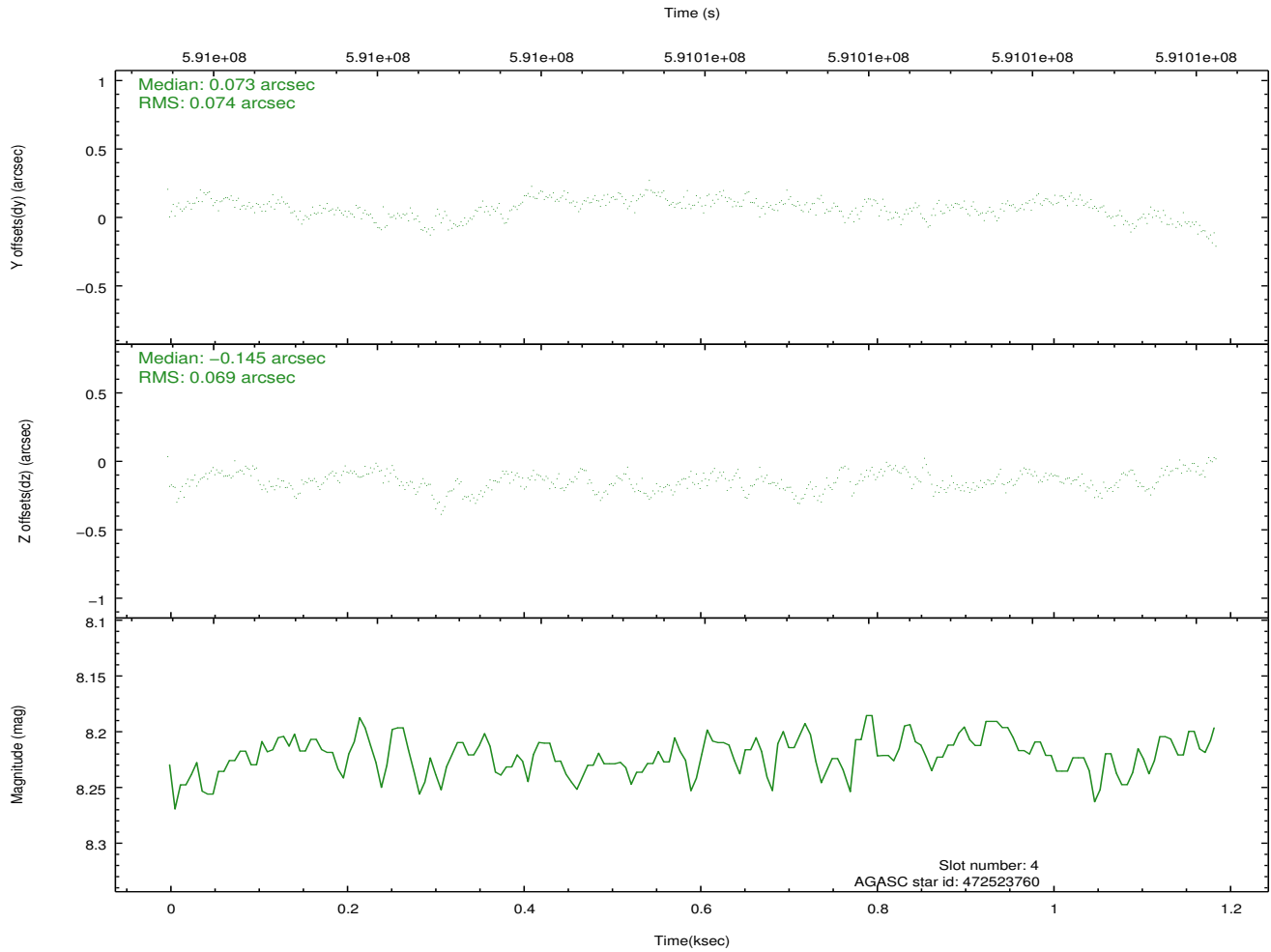
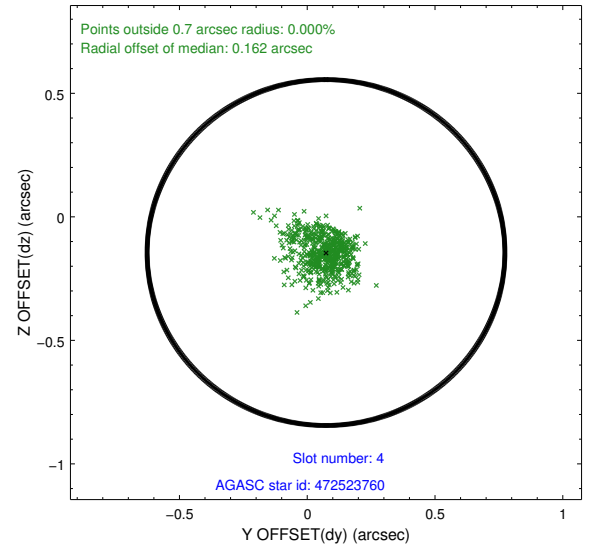
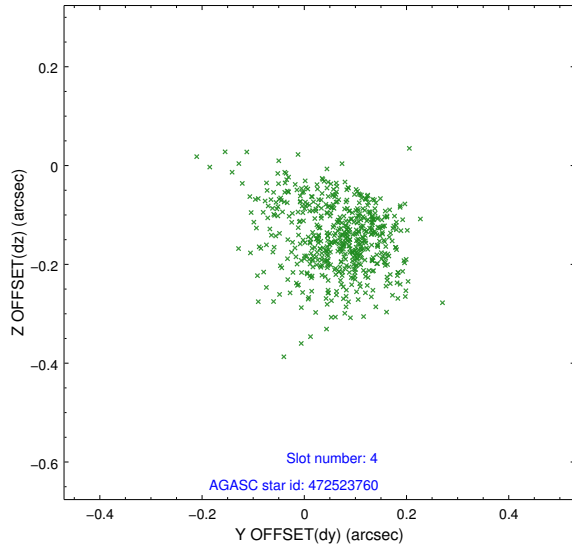
lot	status	used	id	mag	n_pts	med_dy	med_dz	drl	dr2	ra	dec	mean_y	mean_x
0	FID		HRC-S-1	7.08	290	-0.031	-0.213	0.008	0.012	0.000000	0.000000	-1168.55	-465.33
1	FID		HRC-S-2	7.05	290	0.356	-0.128	0.005	0.010	0.000000	0.000000	1227.46	-459.42
2	FID		HRC-S-3	7.05	290	0.063	0.038	0.008	0.014	0.000000	0.000000	-1166.98	562.86
3	BAD	used	420754040	9.05	506	-0.309	-0.174	0.122	0.229	331.917939	44.882543	2220.74	2264.35
4	GUIDE	used	472523760	8.22	578	0.073	-0.145	0.101	0.175	331.645363	45.403260	1640.56	357.50
5	GUIDE	used	472533912	9.13	580	0.189	0.424	0.160	0.313	331.791136	46.368695	-761.85	-2184.33
6	GUIDE	used	472651904	6.13	580	-0.061	-0.205	0.121	0.198	332.170077	45.742257	-156.02	178.02
7	GUIDE	used	472655152	9.38	579	0.079	0.098	0.158	0.298	332.504239	45.862991	-1086.44	340.72

2.4 Star Slots

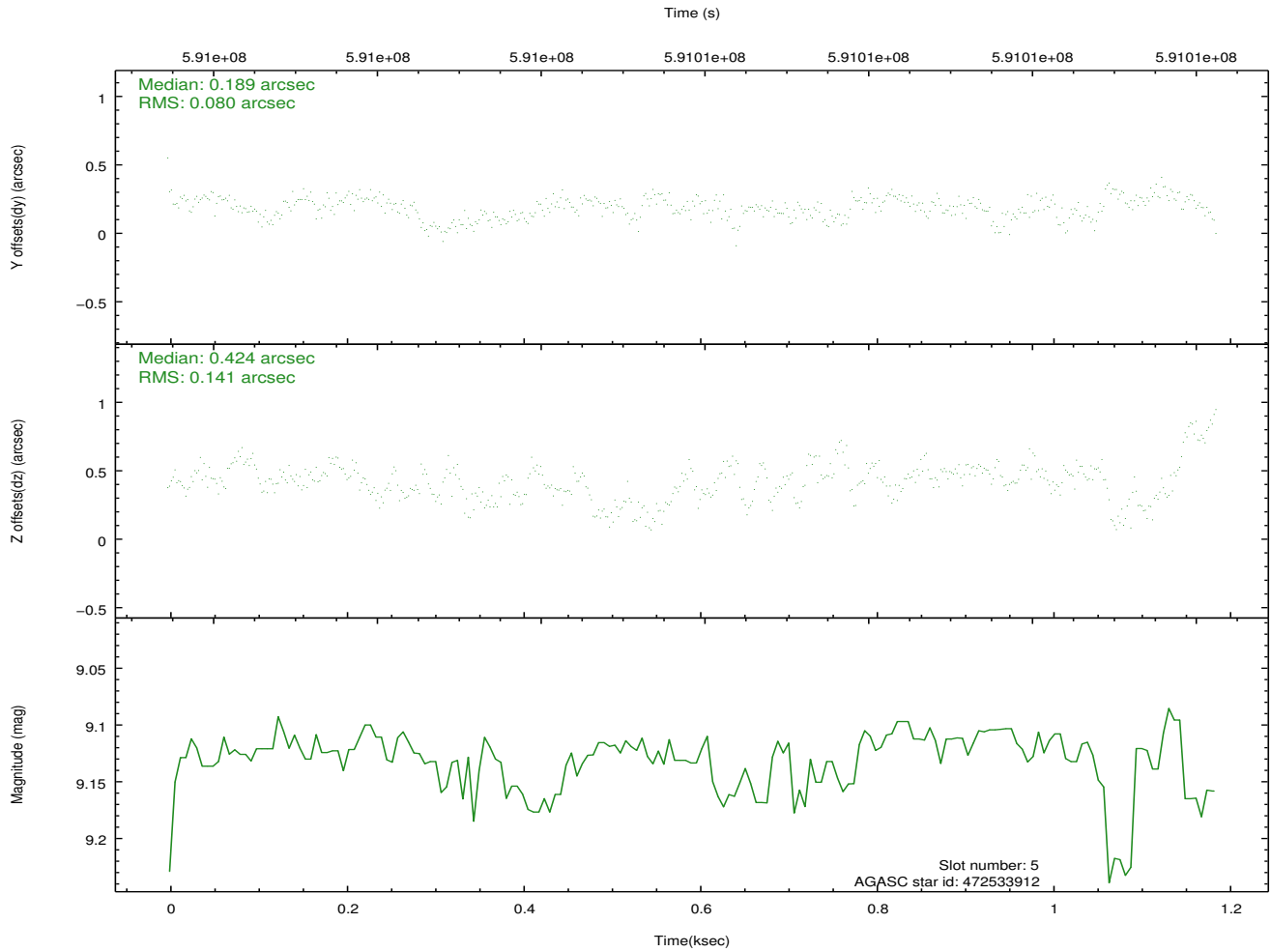
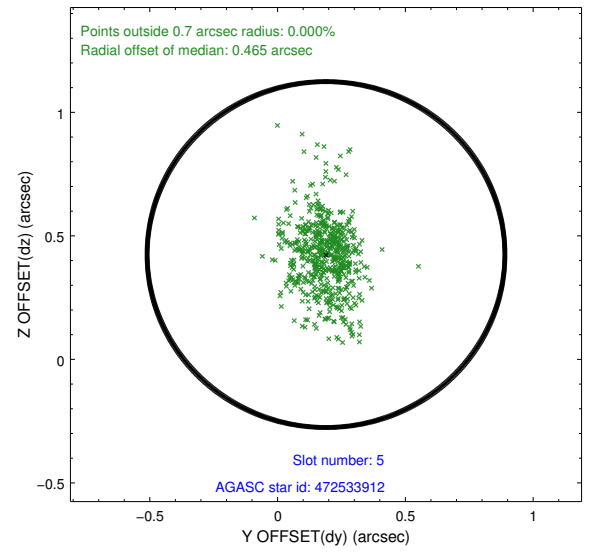
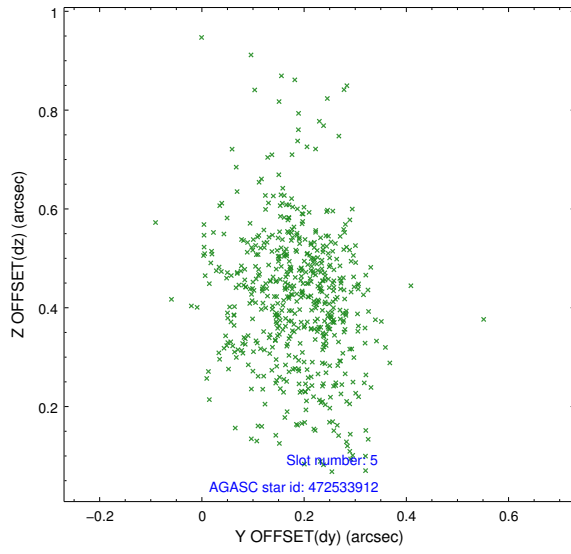
2.4.1 Slot 3



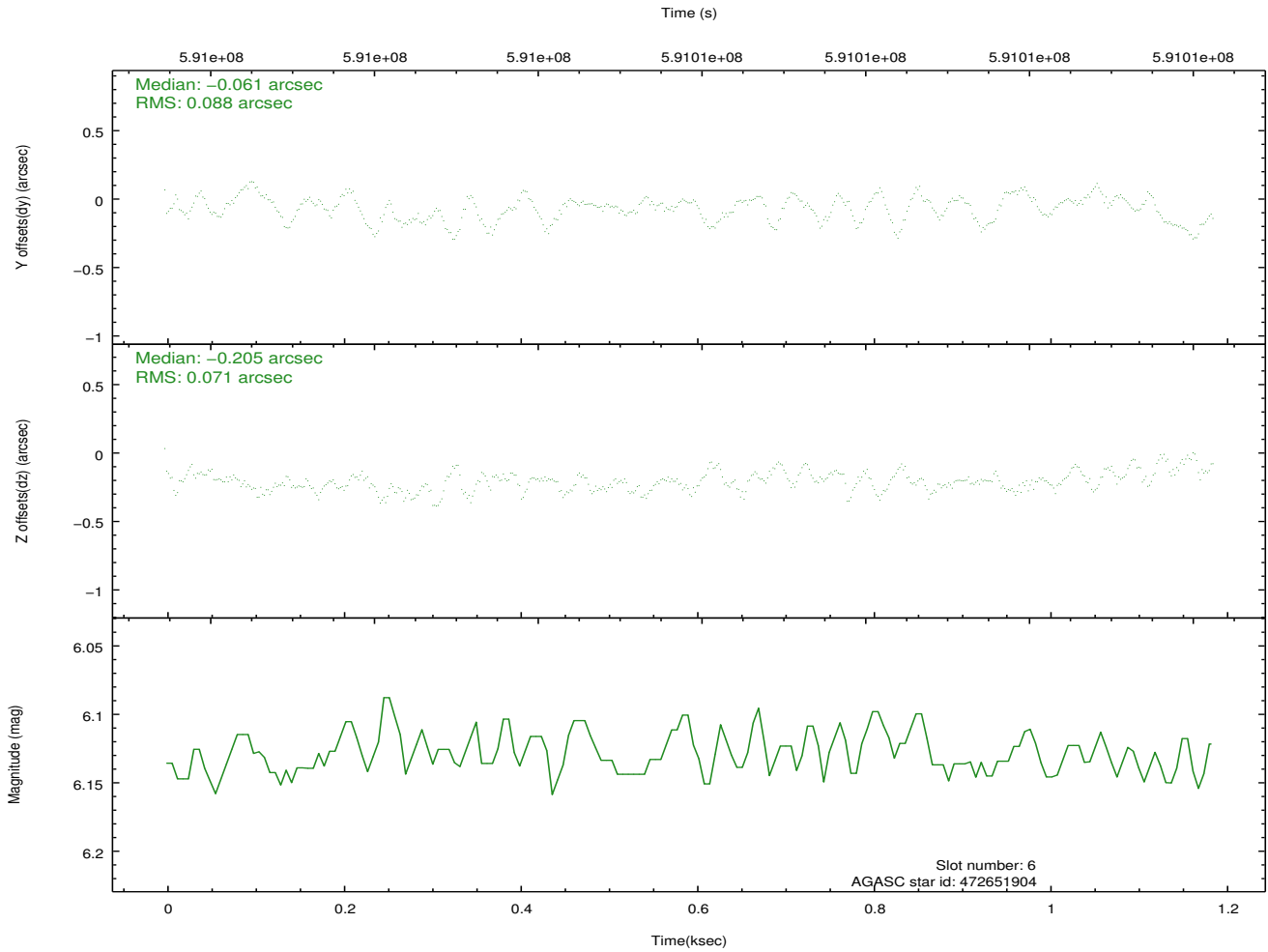
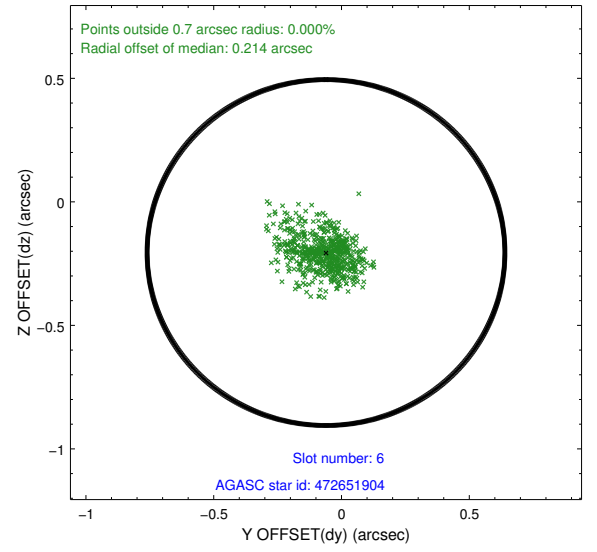
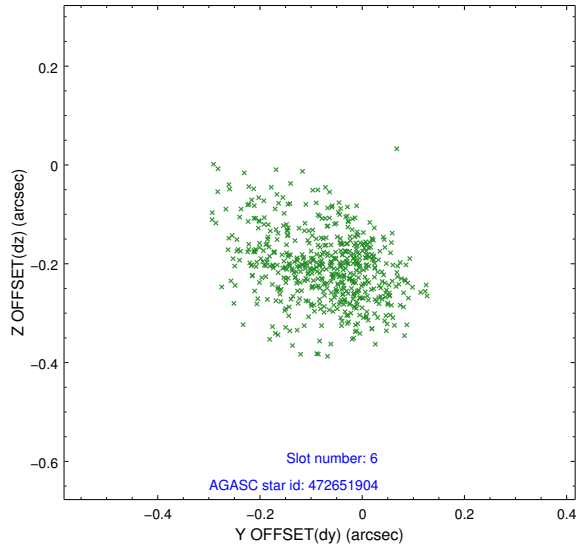
2.4.2 Slot 4



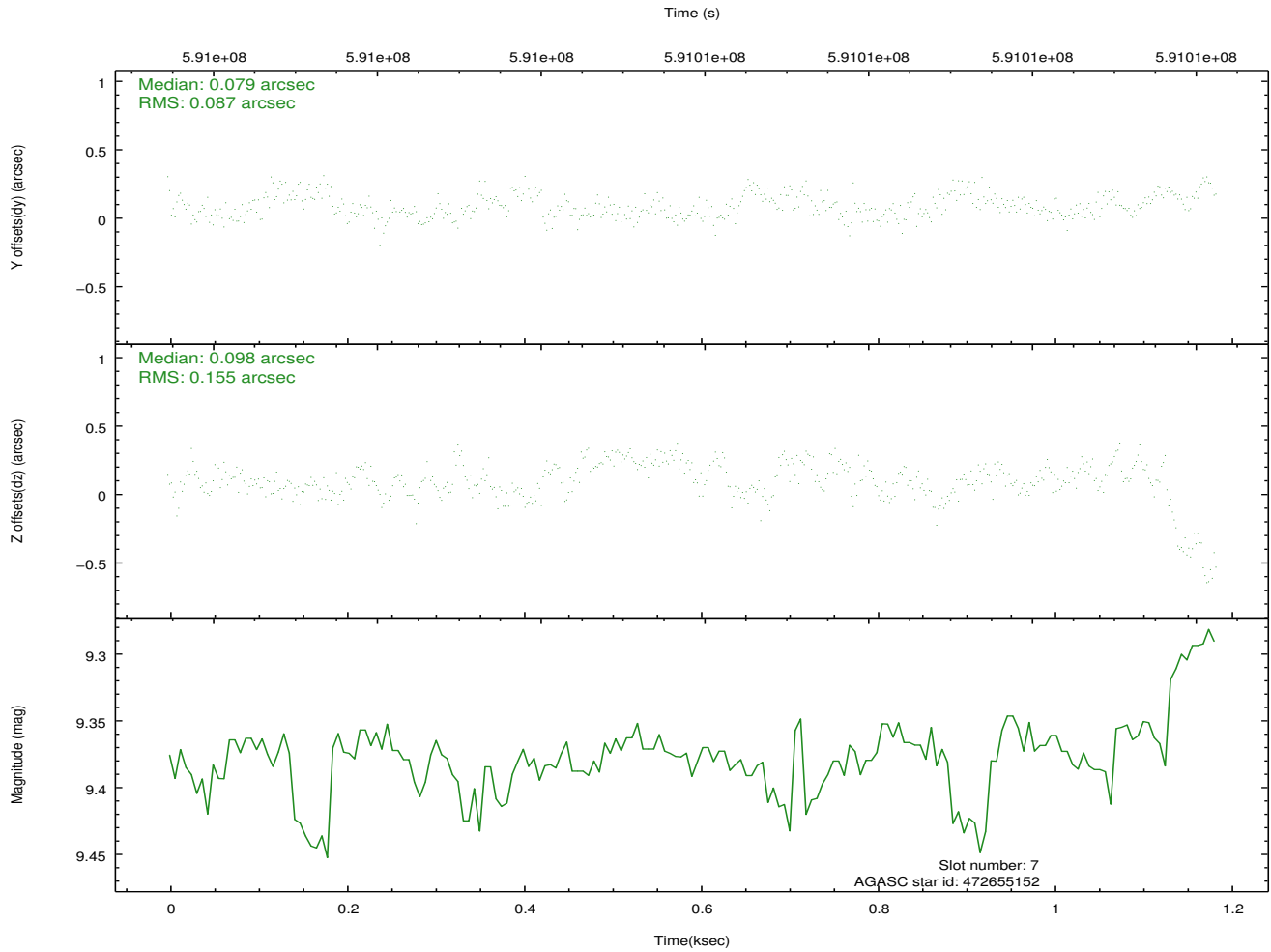
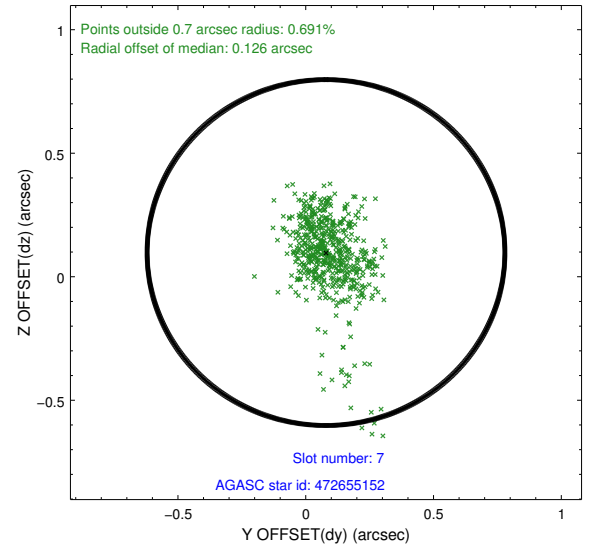
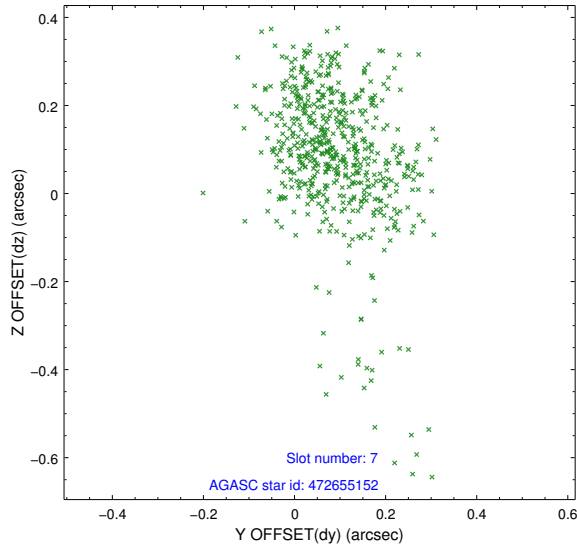
2.4.3 Slot 5



2.4.4 Slot 6

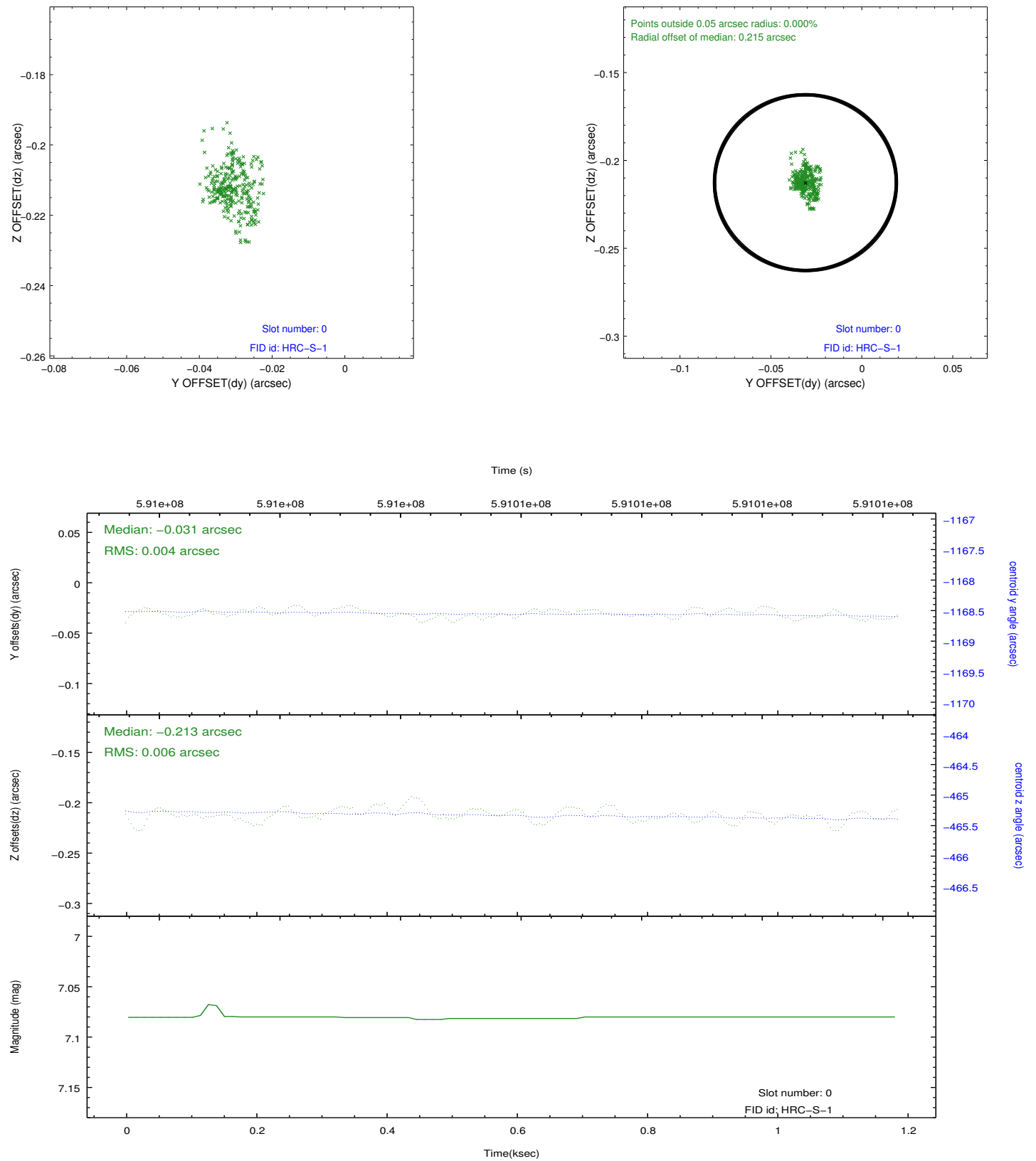


2.4.5 Slot 7

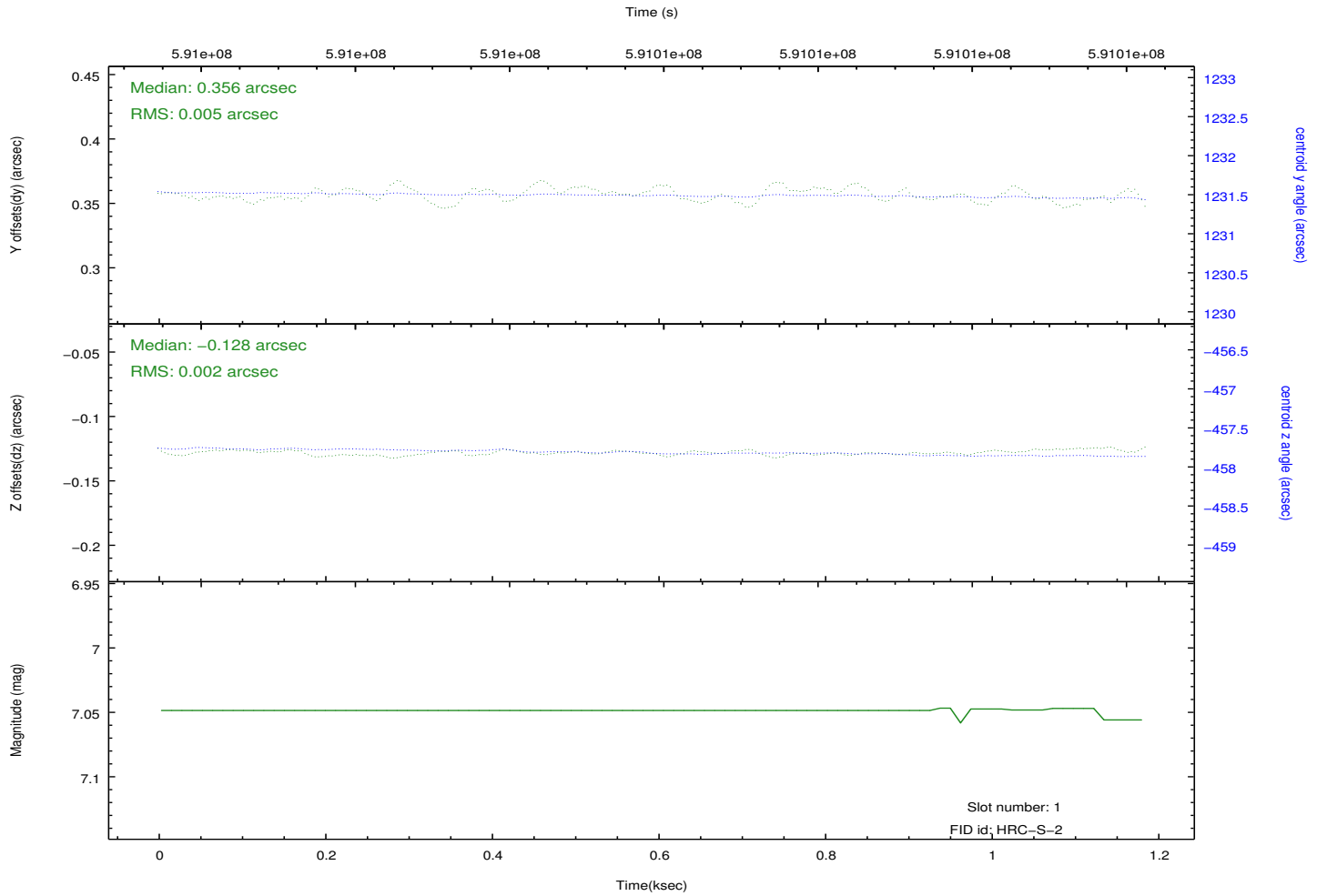
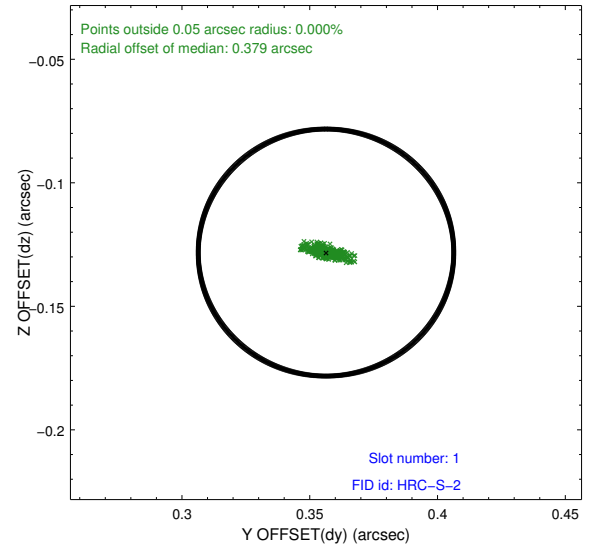
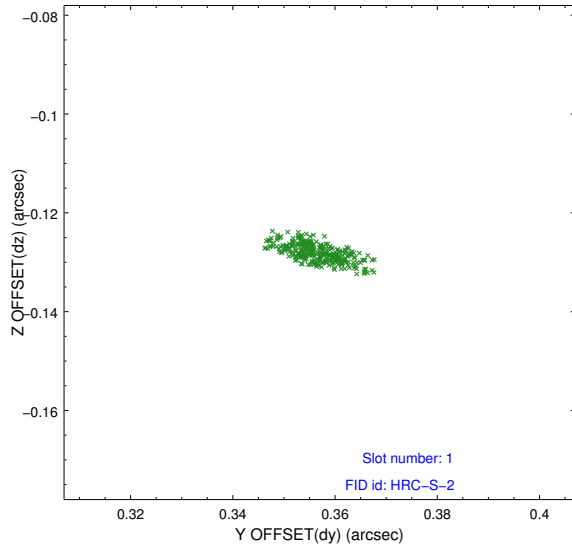


2.5 FID Slots

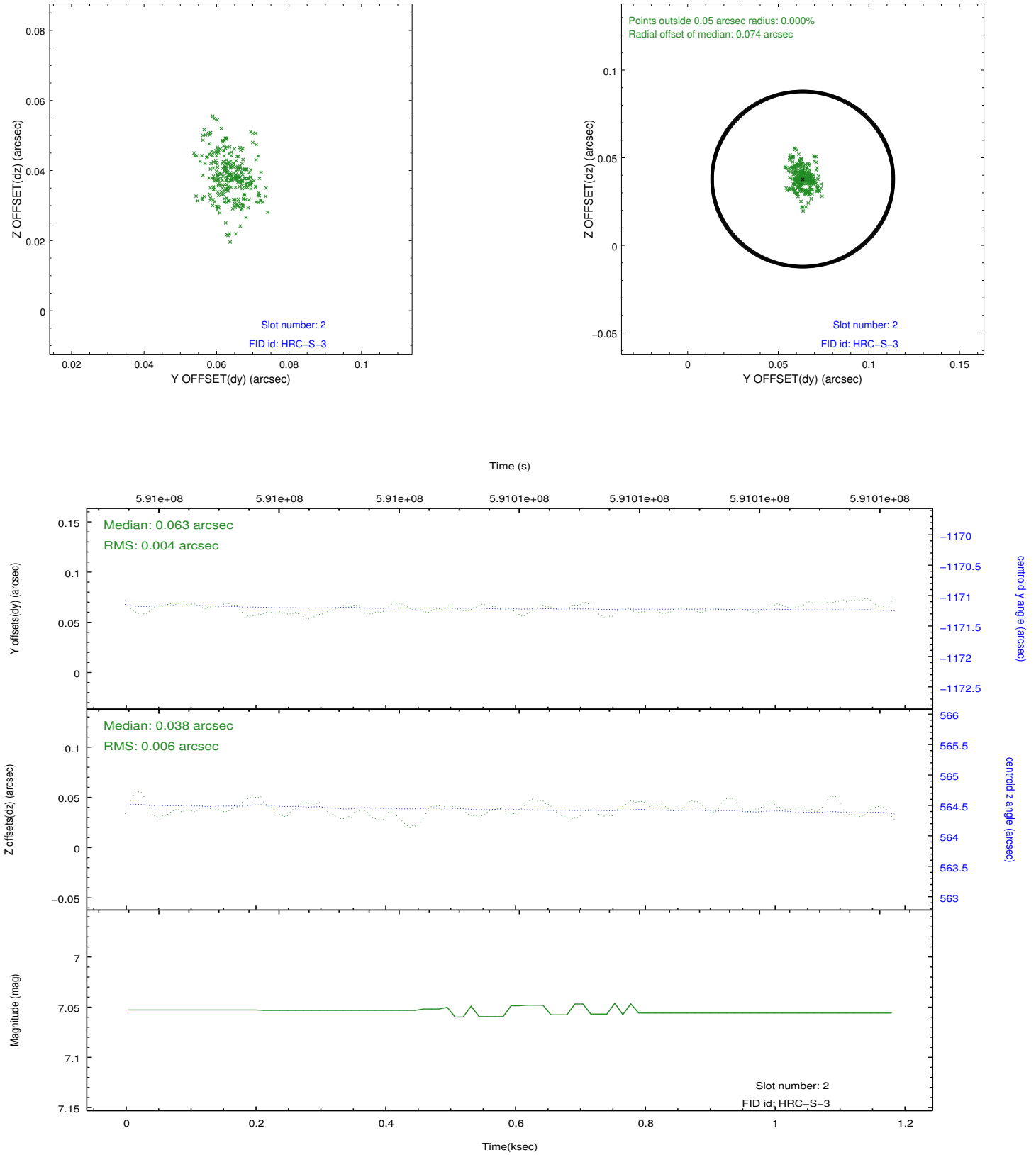
2.5.1 Slot 0



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)	2016.09.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813180447

A.2 Comments