

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 17359 - L2 Version 1
Chandra X-Ray Center

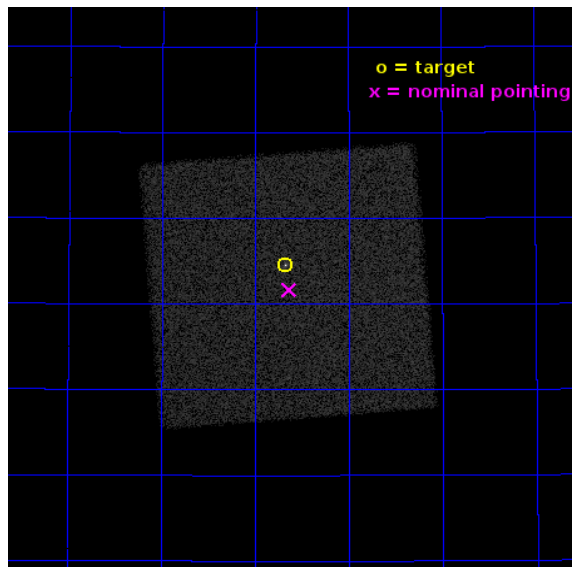
L2 Processing Date : Sep 27 2015

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1 Front

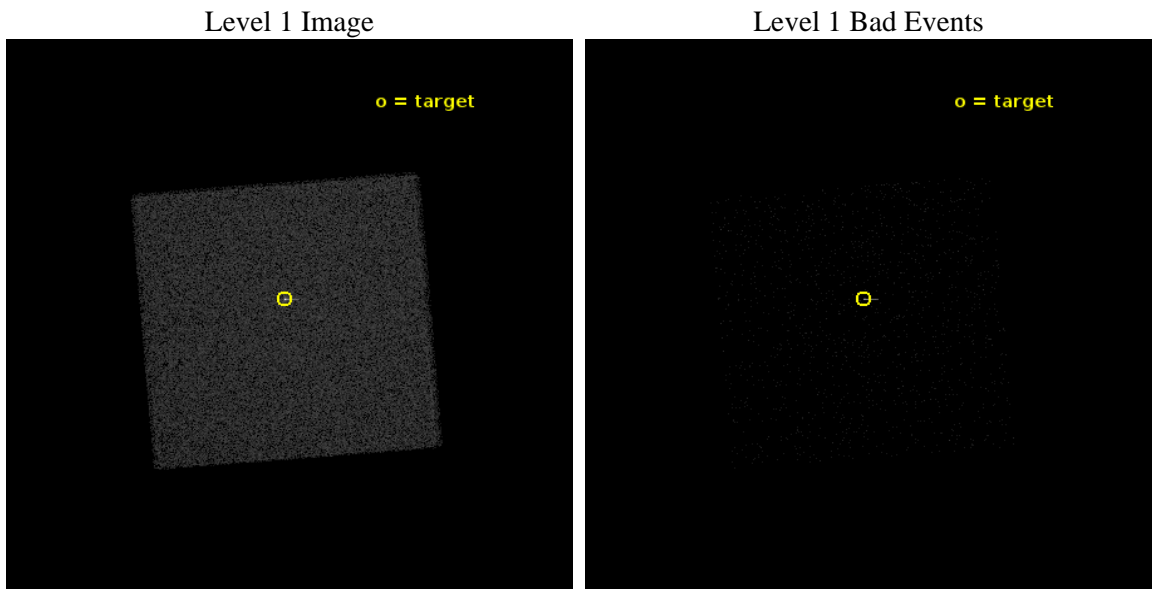
seq_num	291232	Sequence number
obs_id	17359	Observation id
title	AO-16 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1585968321	Nominal RA [deg]
dec_nom	45.694352605845	Nominal Dec [deg]
roll_nom	220.3513496559	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1180.0313167572	[s]
livetime	1169.380304794	Ontime multiplied by DTCOR
l2events	87892	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.1	Processing system revision	ontime	1180.0313167572	[s]
caldbver	4.6.8	 	l1events	148404	Number of level 1 events
date	2015-09-27T05:23:13	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

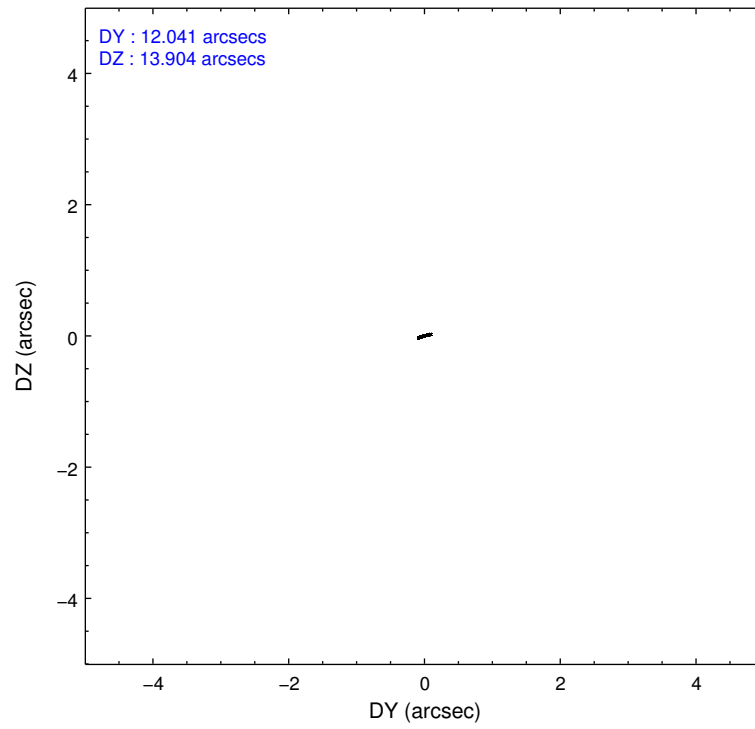
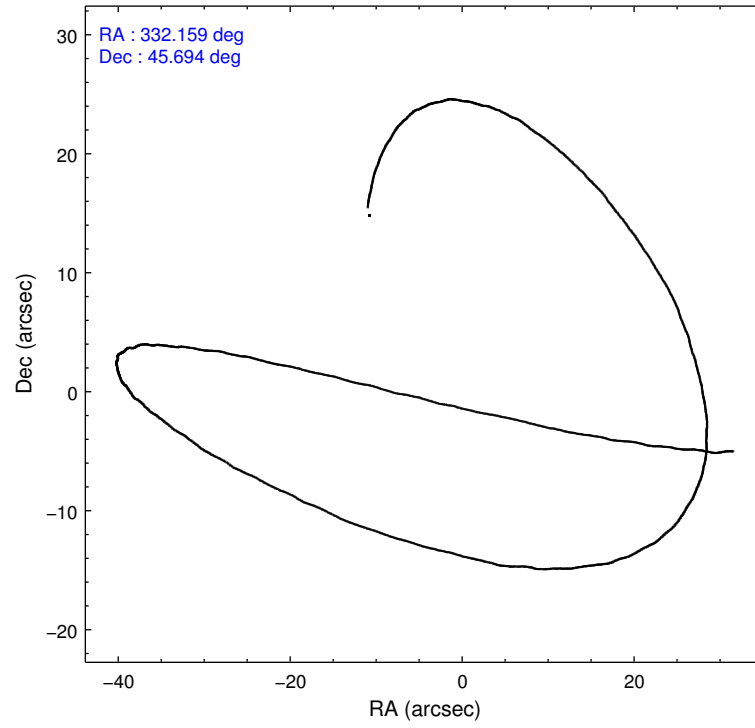
	segment 0
level 1 events	148404
rejected events	32294
rejected %	21%

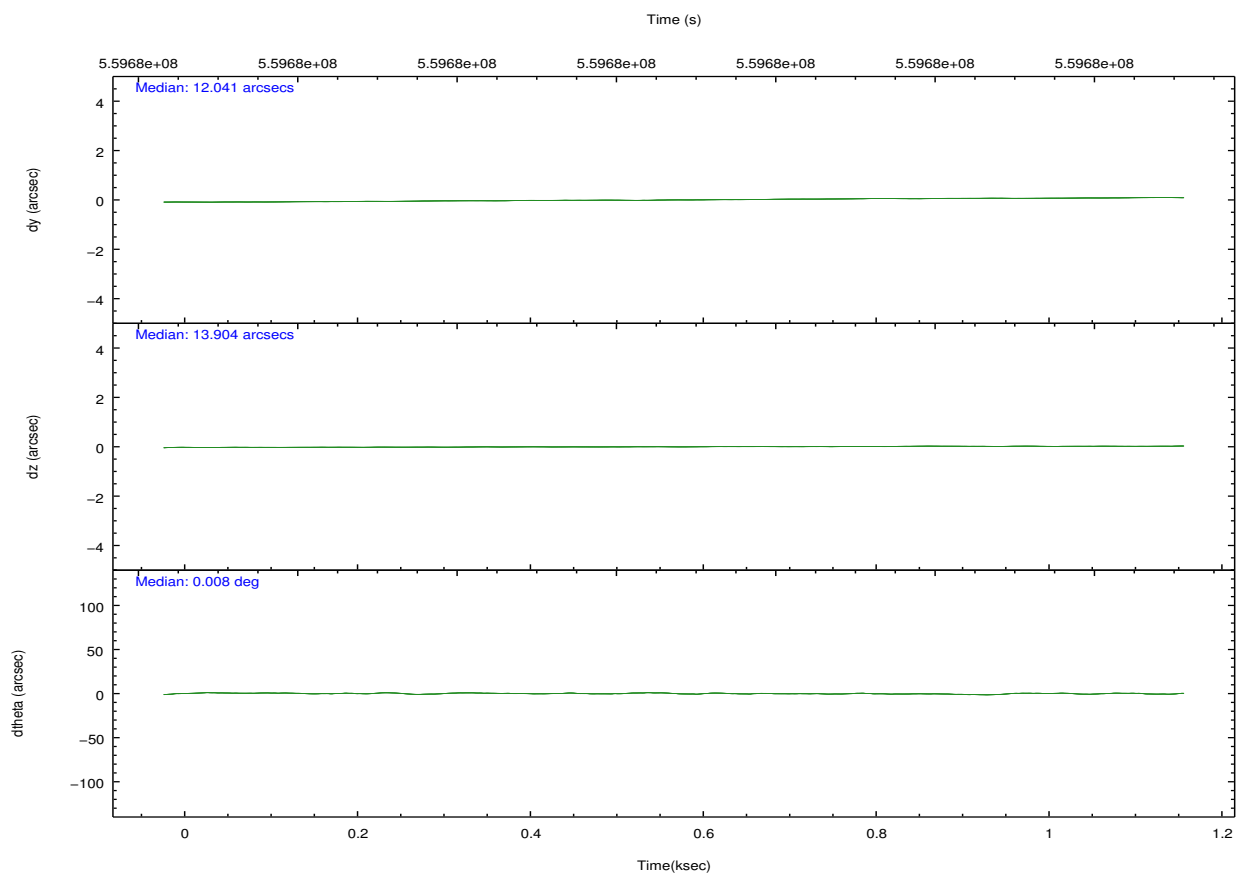
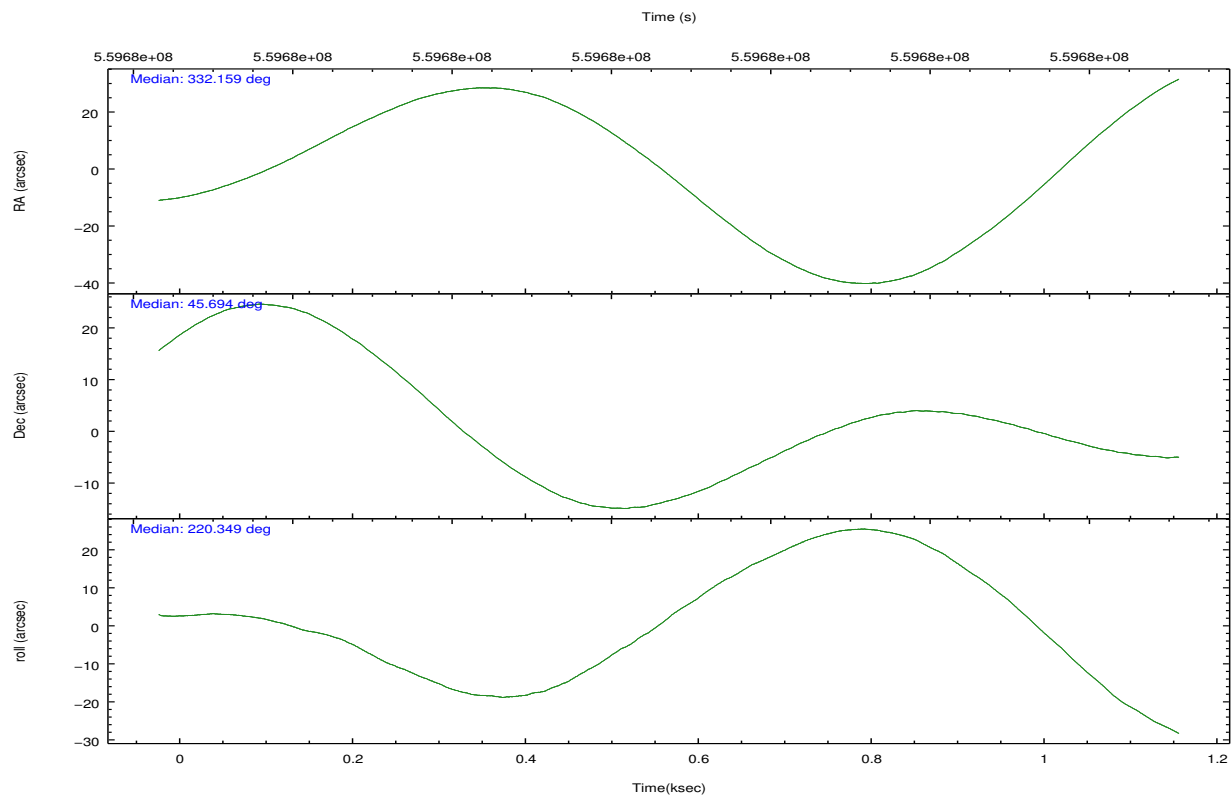
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.171163	332.1585968321045
[deg] Pointing Dec	45.719780	45.69435260584495
[deg] Pointing Roll	220.437851	220.351349655901
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	559681052.184000	559680676.86911
Observation start date	2015-09-26T18:56:24	2015-09-26T18:51:16
[s] Observation end time (MET)	559682052.184000	559682186.6942
Observation end date	2015-09-26T19:13:04	2015-09-26T19:16:26

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

2.3 Aspect



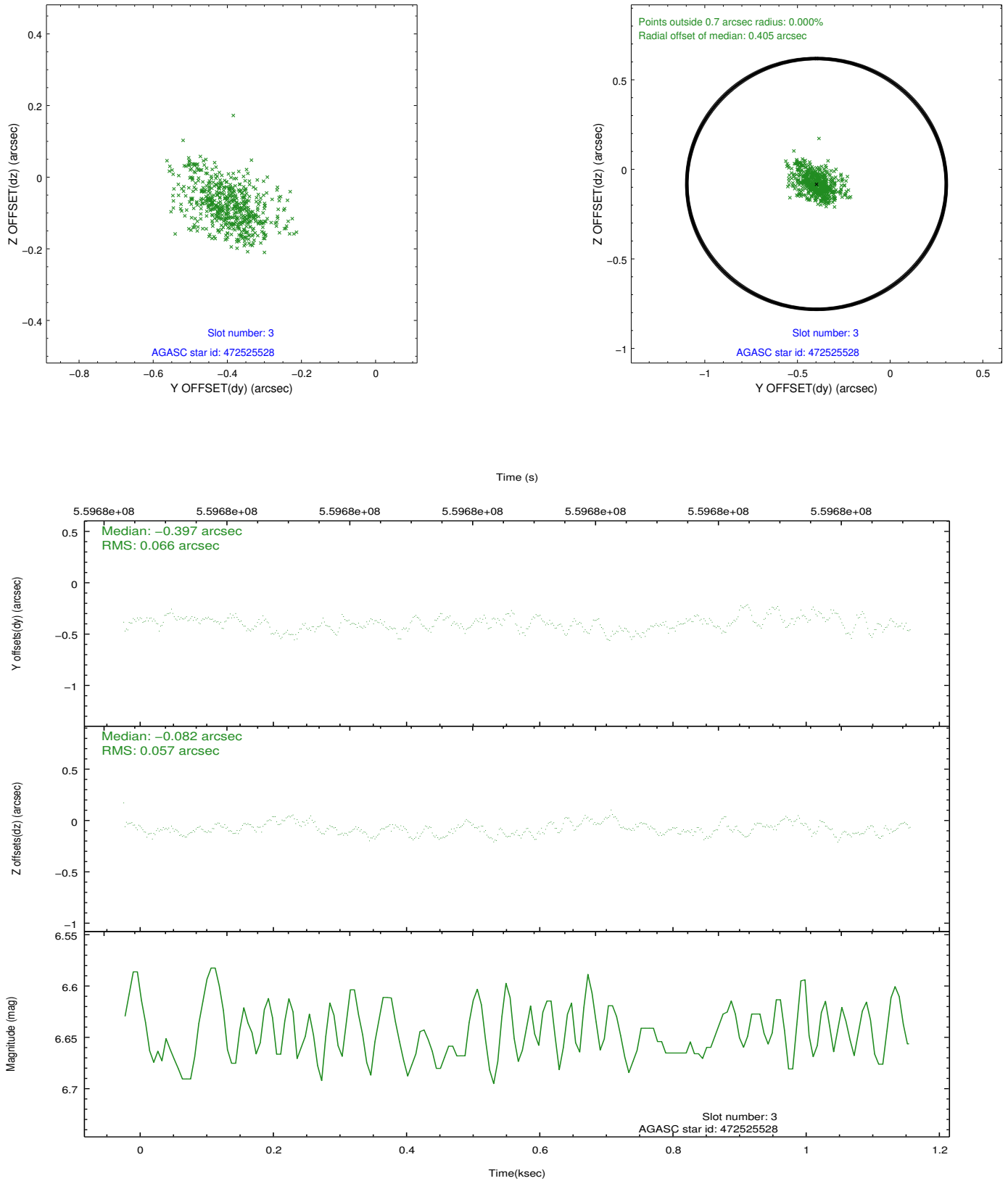


Slot Statistics

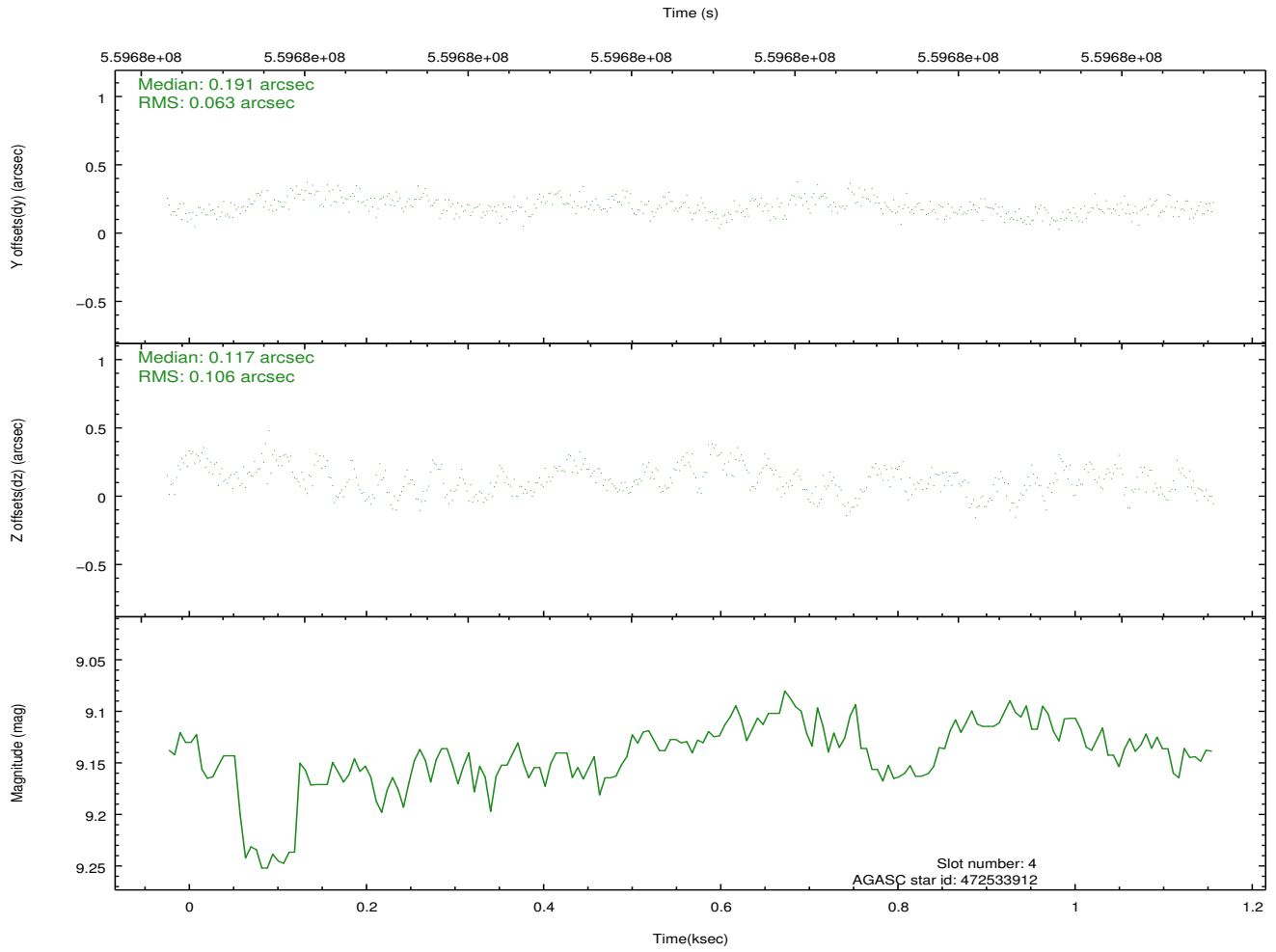
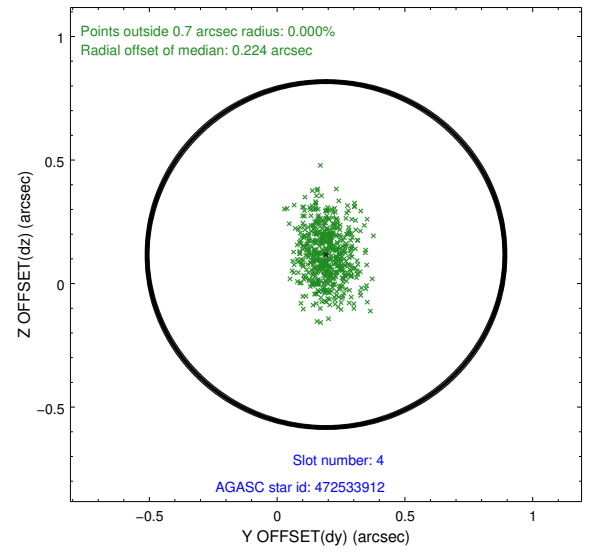
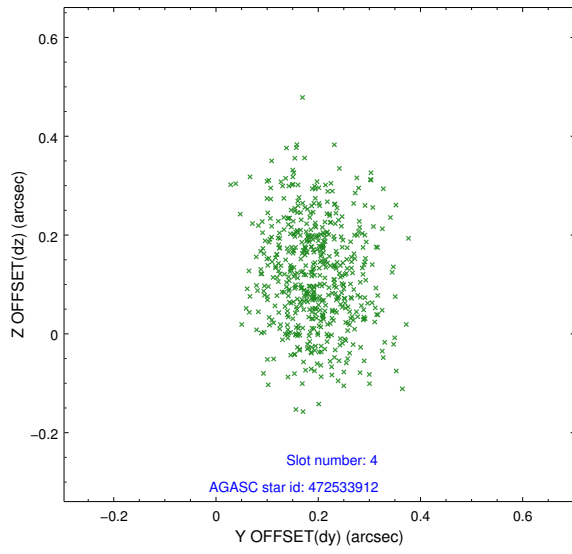
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	7.00	288	-0.154	-0.002	0.008	0.013	0.000000	0.000000	-767.91	-1301.96
1	FID		HRC-I-2	7.03	288	0.326	-0.141	0.006	0.010	0.000000	0.000000	842.54	-1308.17
2	FID		HRC-I-3	7.09	288	-0.053	0.054	0.006	0.013	0.000000	0.000000	-1193.38	998.12
3	GUIDE	used	472525528	6.65	577	-0.397	-0.082	0.093	0.156	331.551102	45.248694	2292.78	268.93
4	GUIDE	used	472533912	9.14	576	0.191	0.117	0.129	0.218	331.791136	46.368695	-792.94	-2389.44
5	GUIDE	used	472655152	9.41	577	0.033	-0.228	0.162	0.260	332.504239	45.862991	-971.40	145.77
6	GUIDE	used	472665256	8.99	576	0.174	0.231	0.112	0.198	332.808125	46.195041	-2322.49	-275.04
7	GUIDE	used	472654568	9.39	576	-0.002	-0.027	0.142	0.242	332.194449	45.063576	1484.10	1838.11

2.4 Star Slots

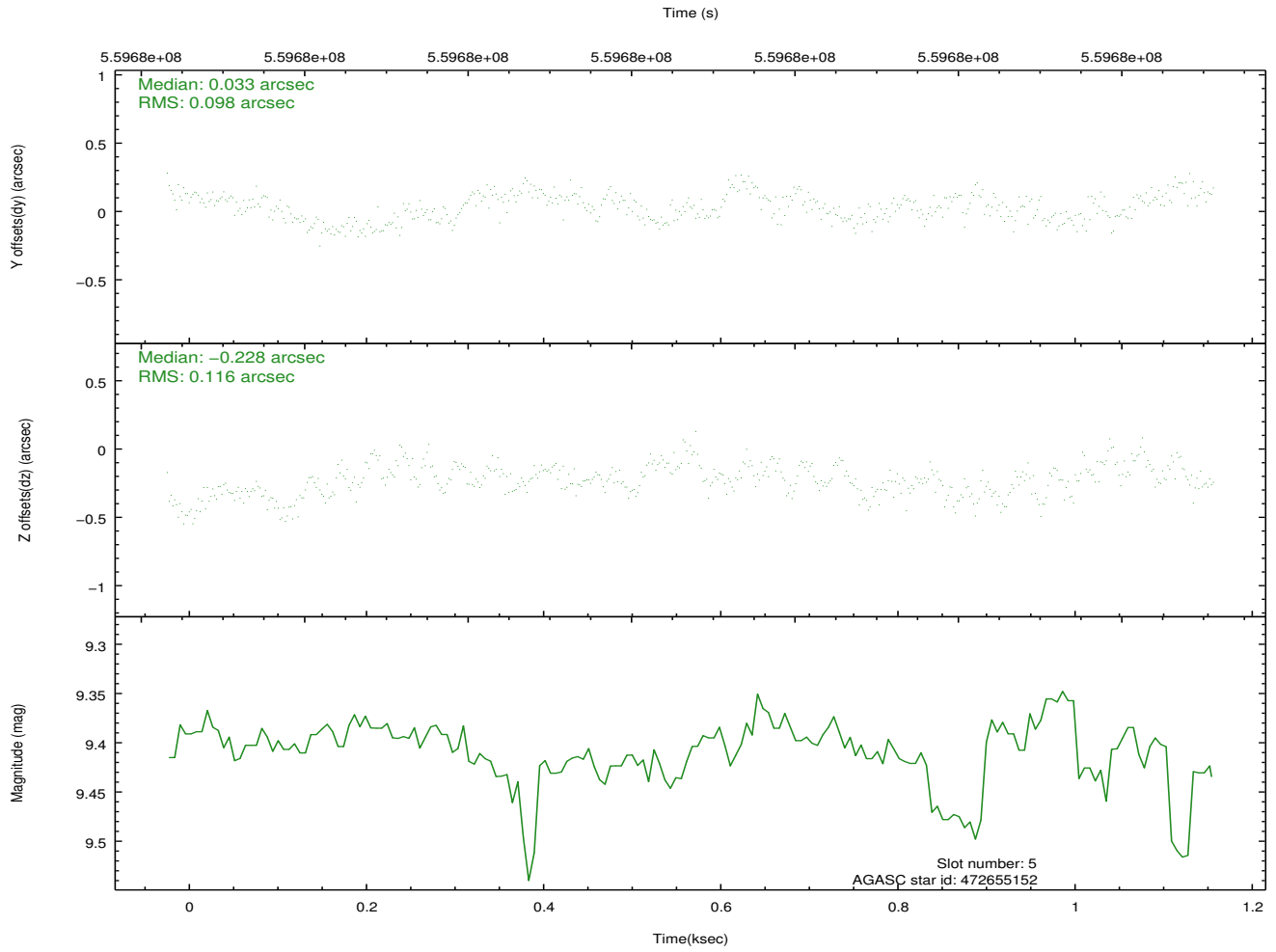
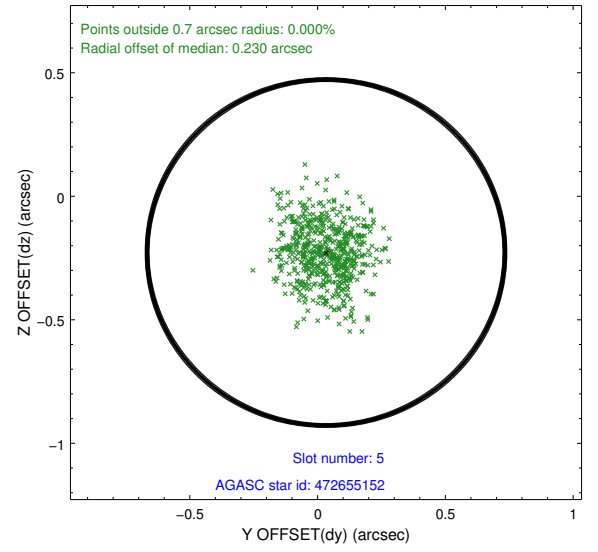
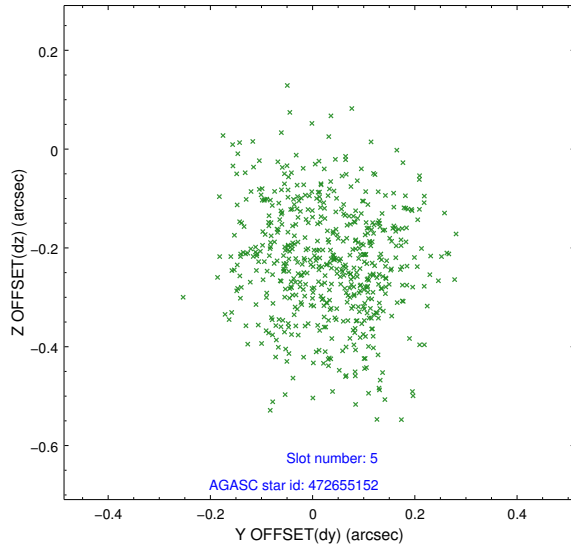
2.4.1 Slot 3



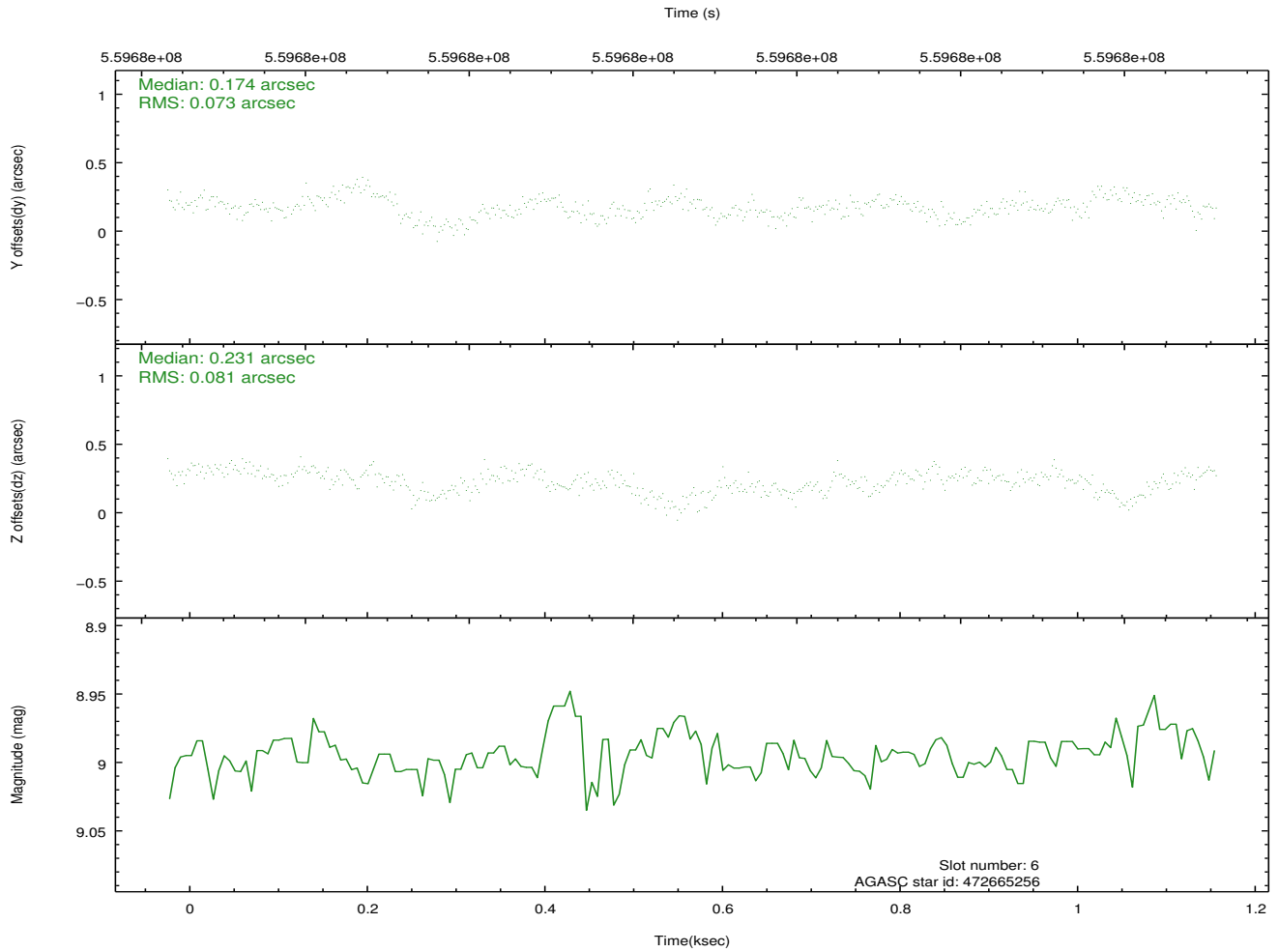
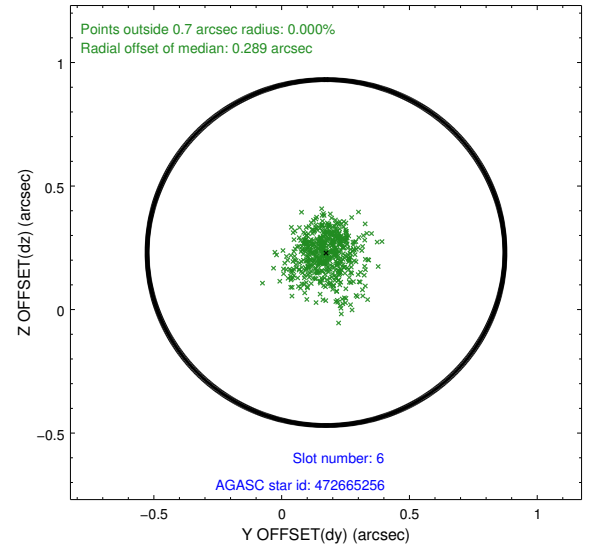
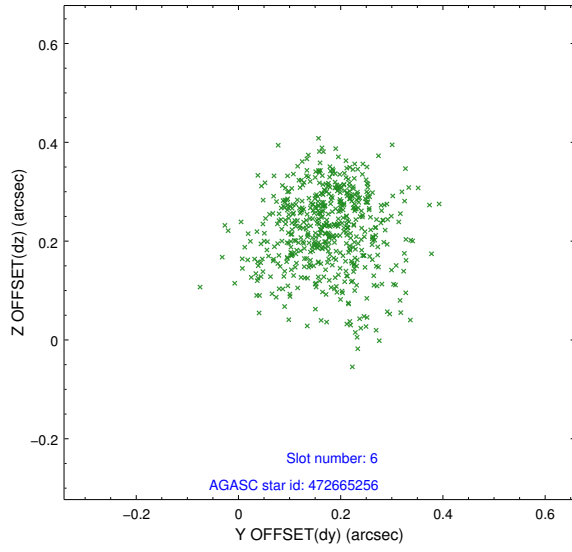
2.4.2 Slot 4



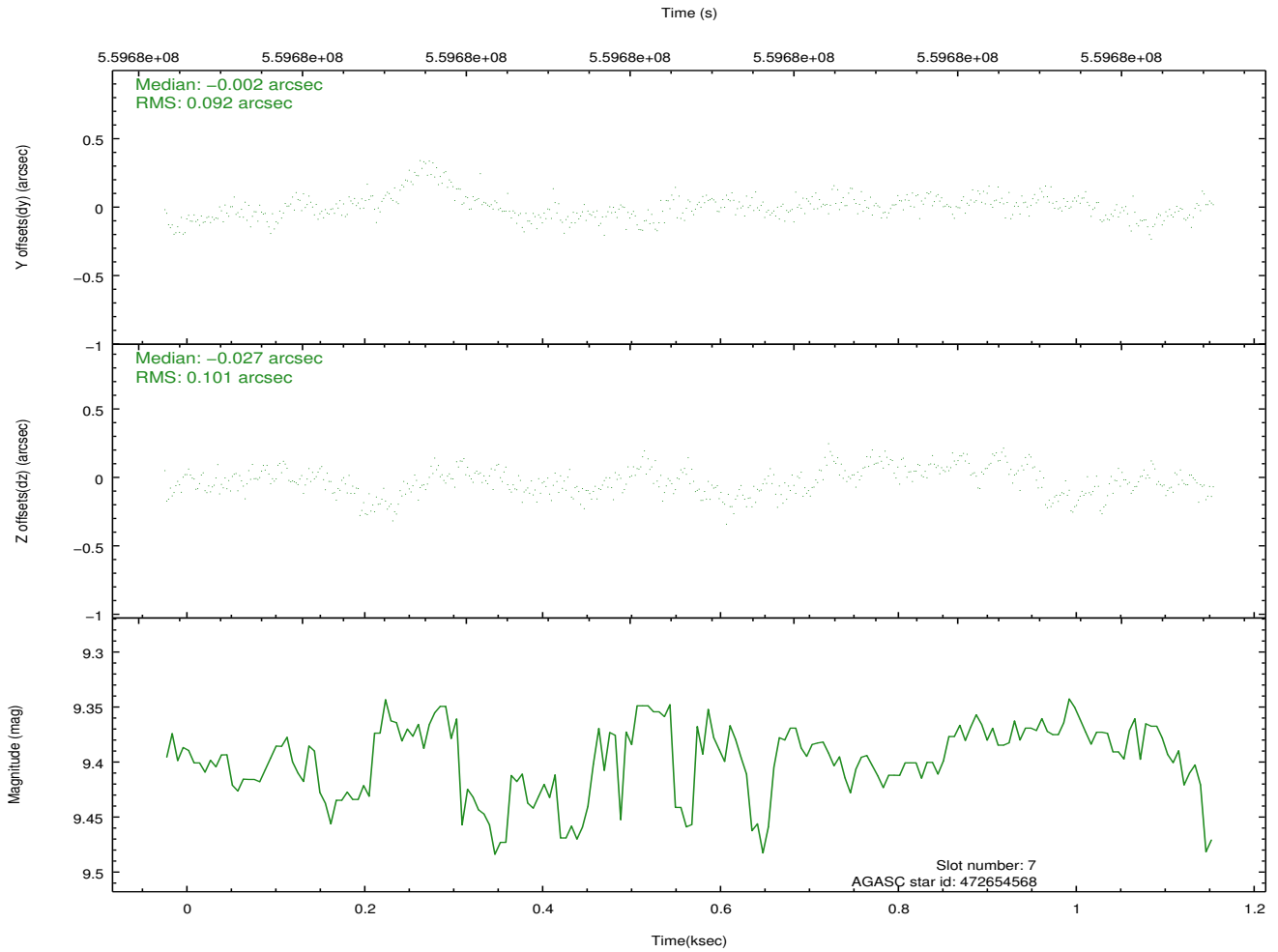
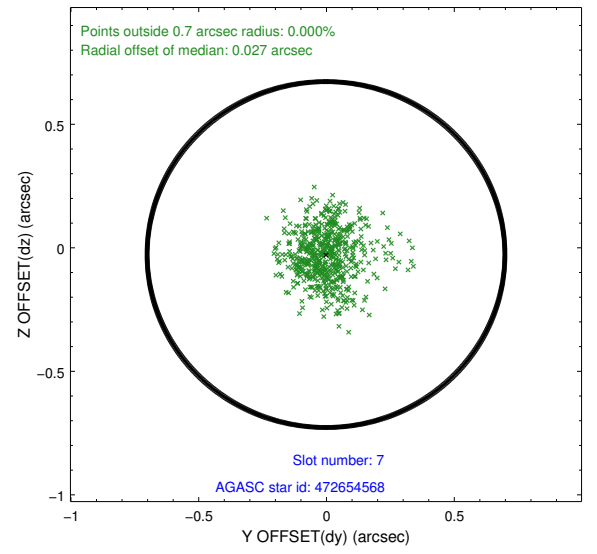
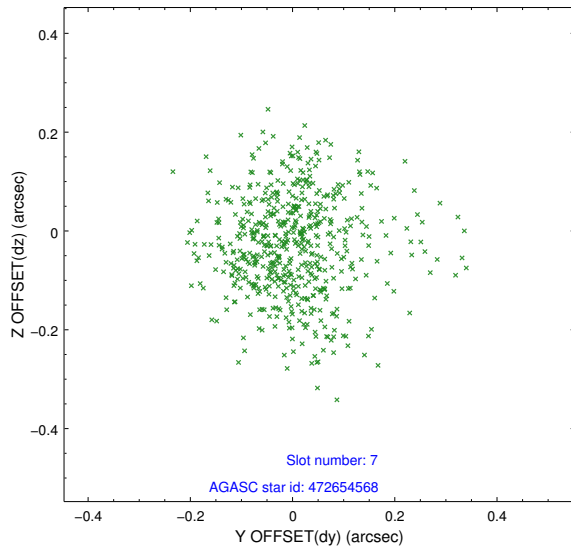
2.4.3 Slot 5



2.4.4 Slot 6

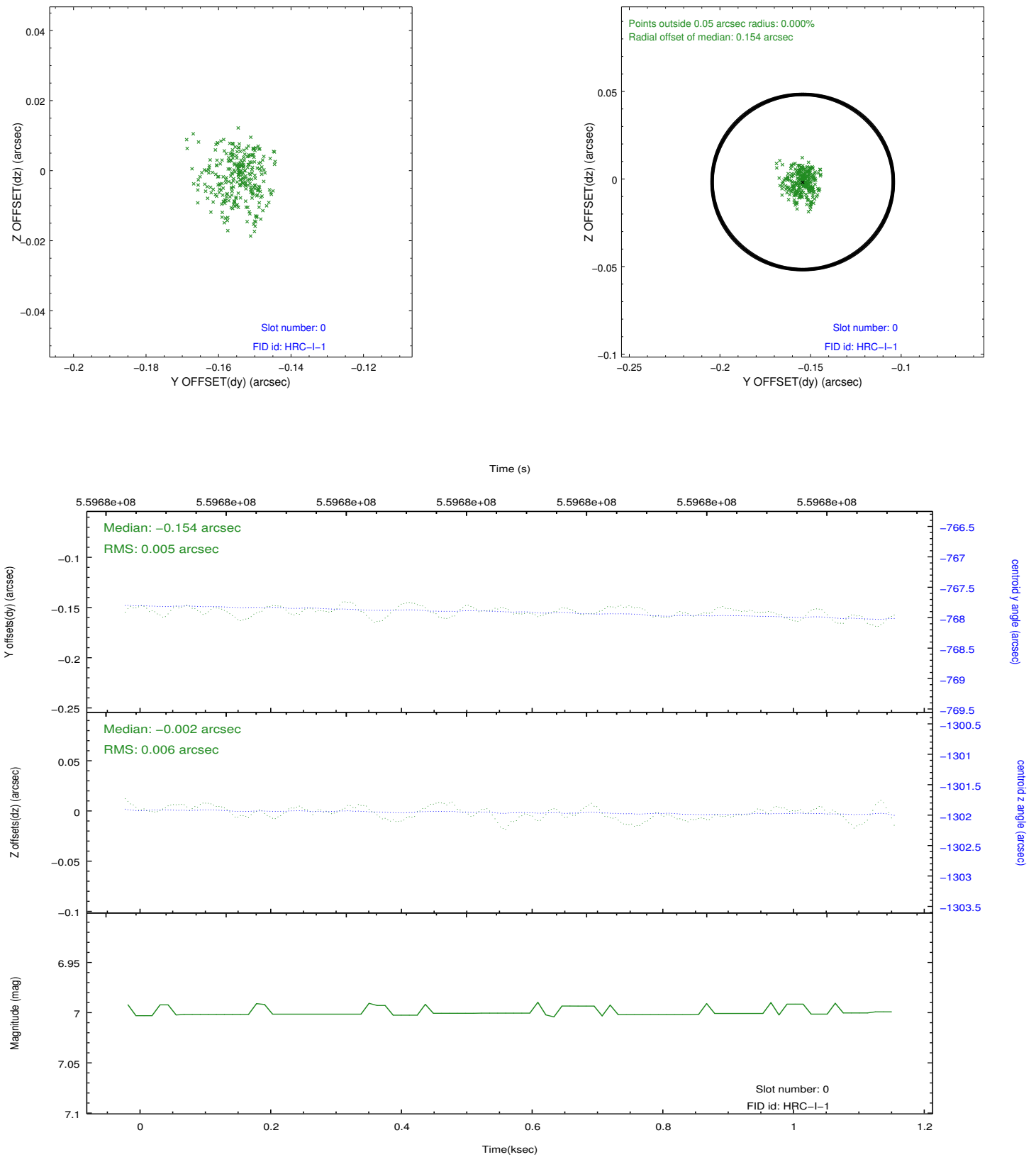


2.4.5 Slot 7

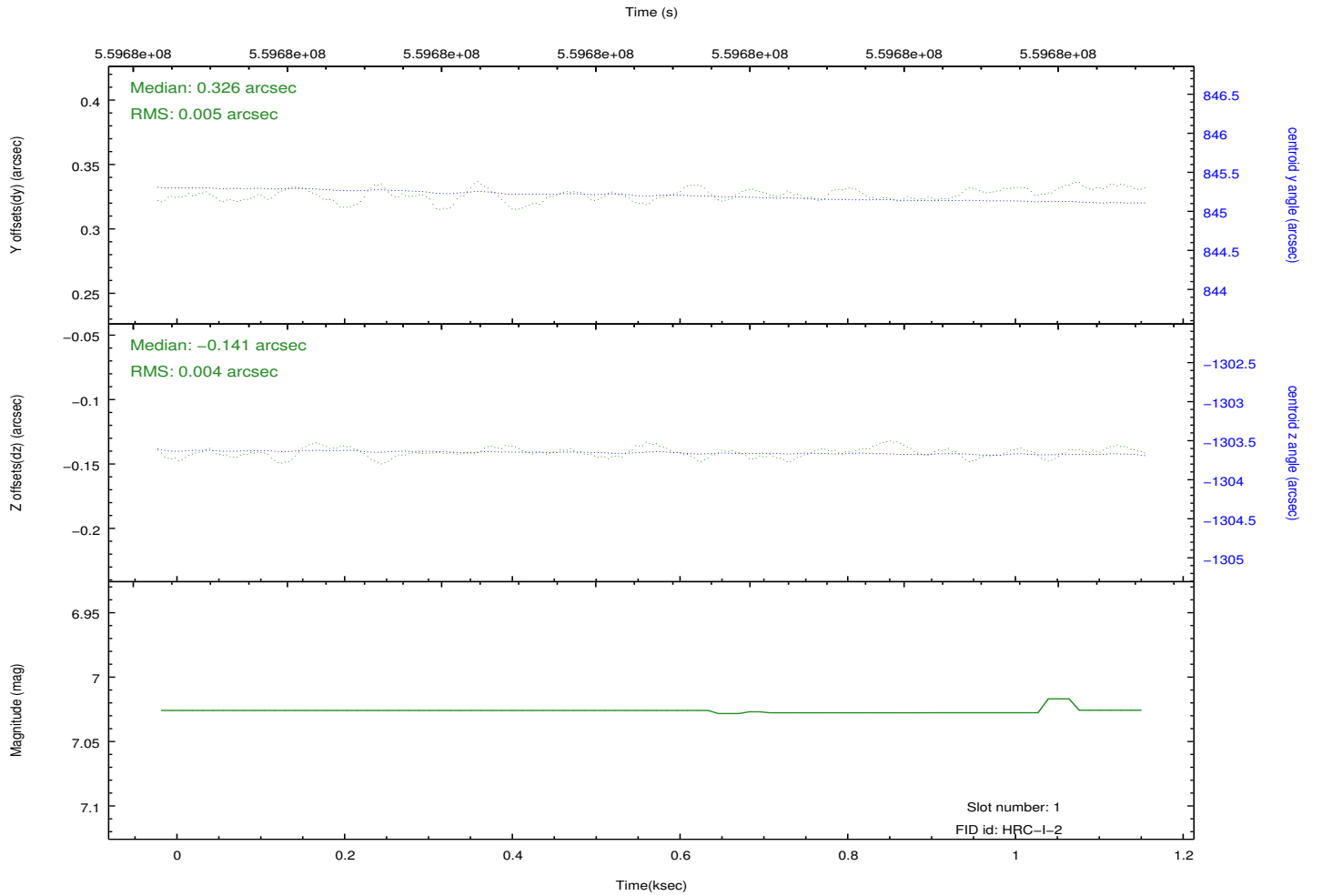
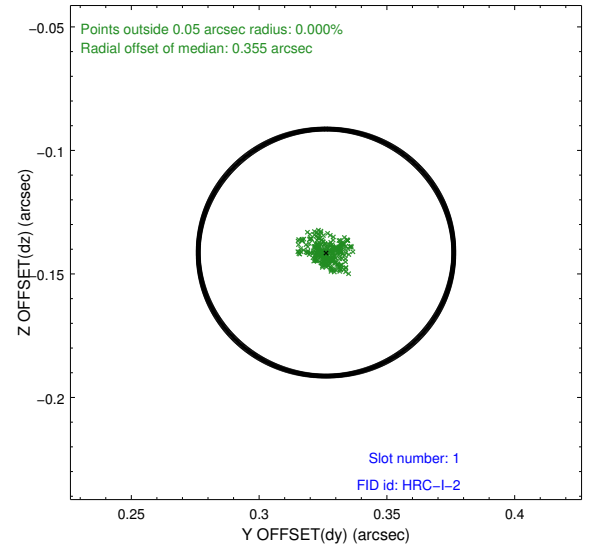
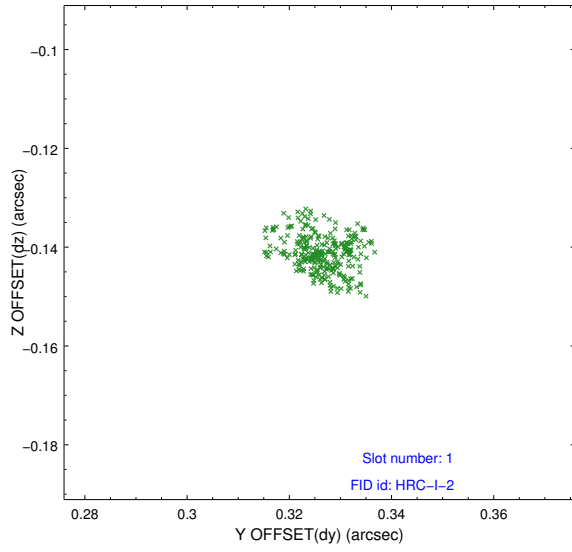


2.5 FID Slots

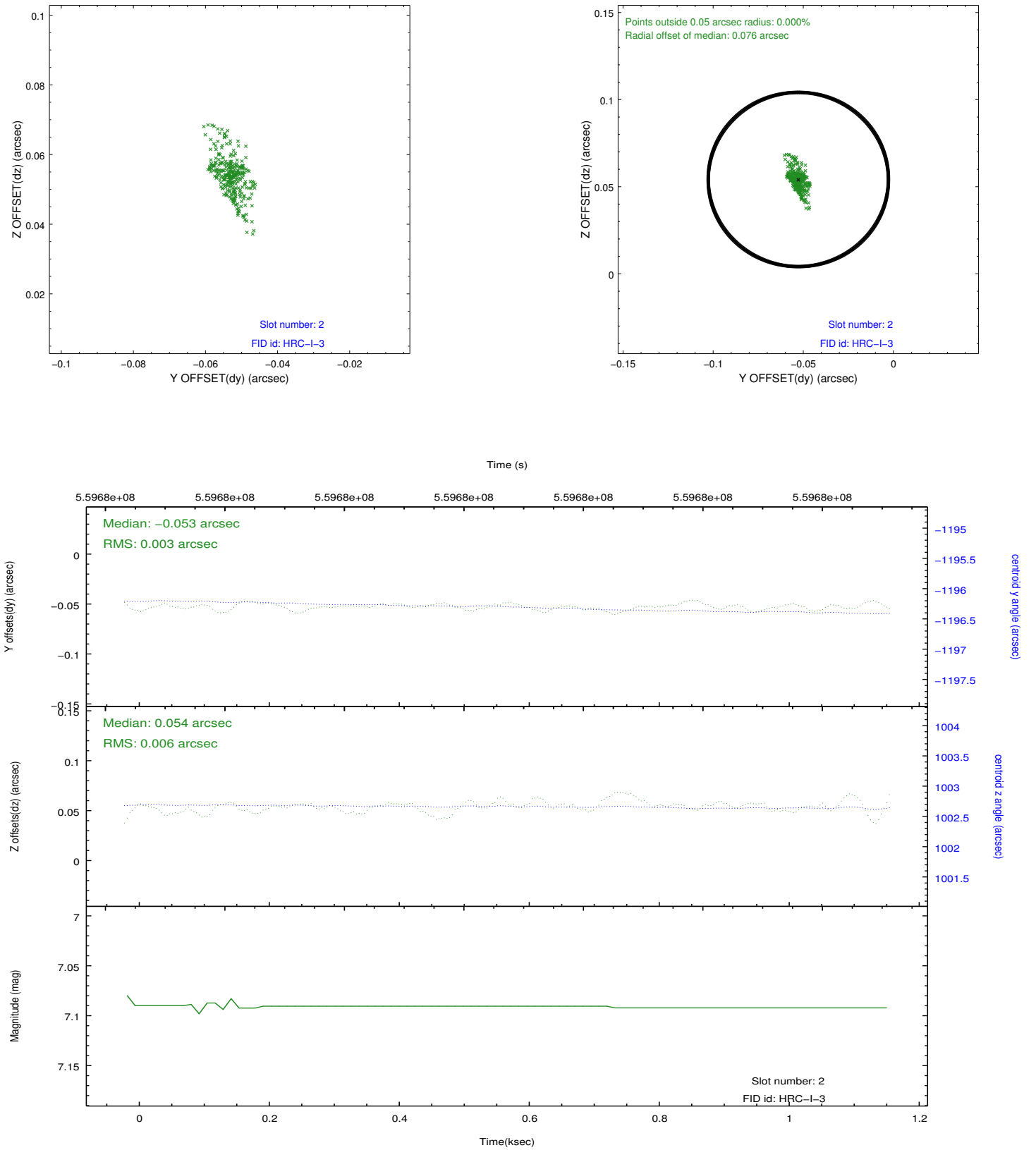
2.5.1 Slot 0



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)	2015.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313167572

A.2 Comments