

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16395 - L2 Version 1
Chandra X-Ray Center

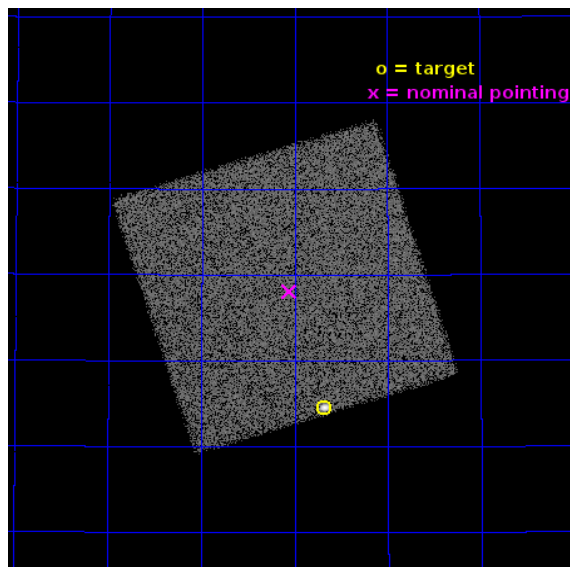
L2 Processing Date : Sep 16 2014

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1 Front

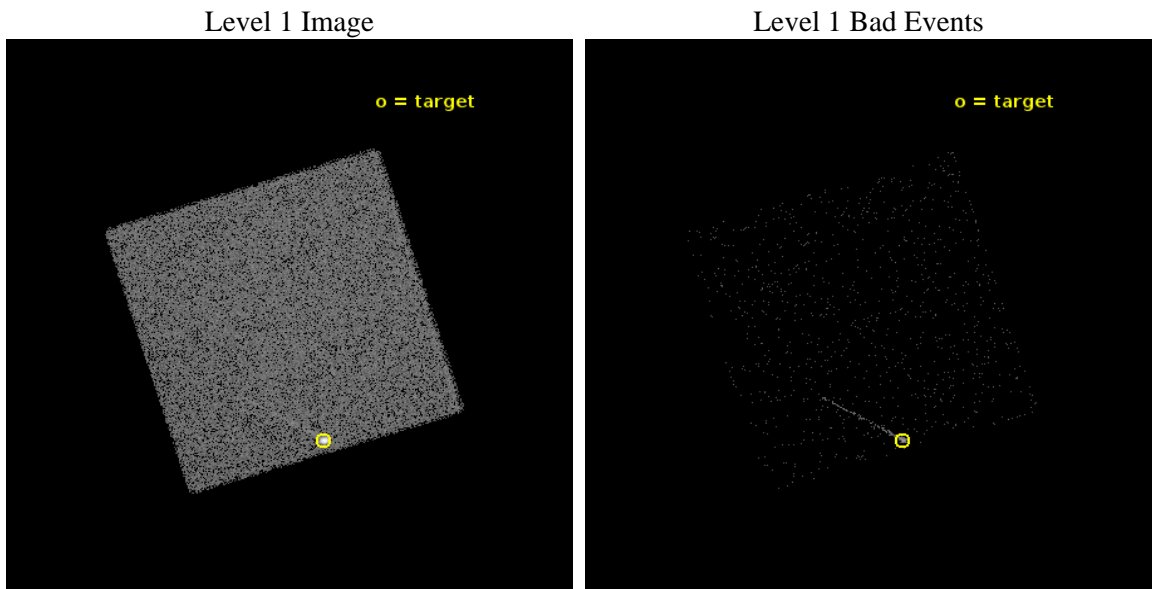
seq_num	291167	Sequence number
obs_id	16395	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.26372498888	Nominal RA [deg]
dec_nom	45.967819048836	Nominal Dec [deg]
roll_nom	207.61436924727	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1186.1813158989	[s]
livetime	1176.8650020454	Ontime multiplied by DTCOR
l2events	74551	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	10.2.4	Processing system revision	ontime	1186.1813158989	[s]
caldsver	4.6.3	 	l1events	126219	Number of level 1 events
date	2014-09-16T20:24:38	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

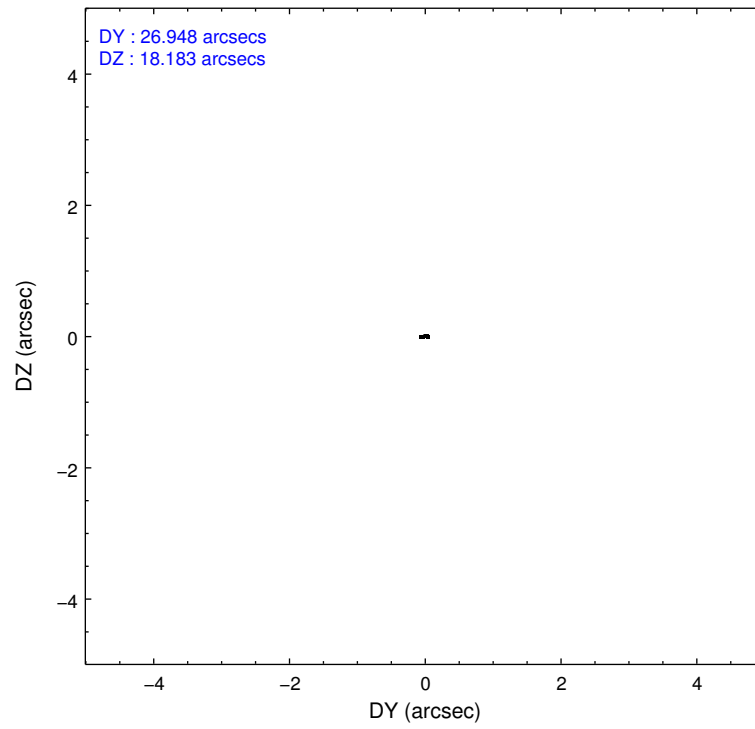
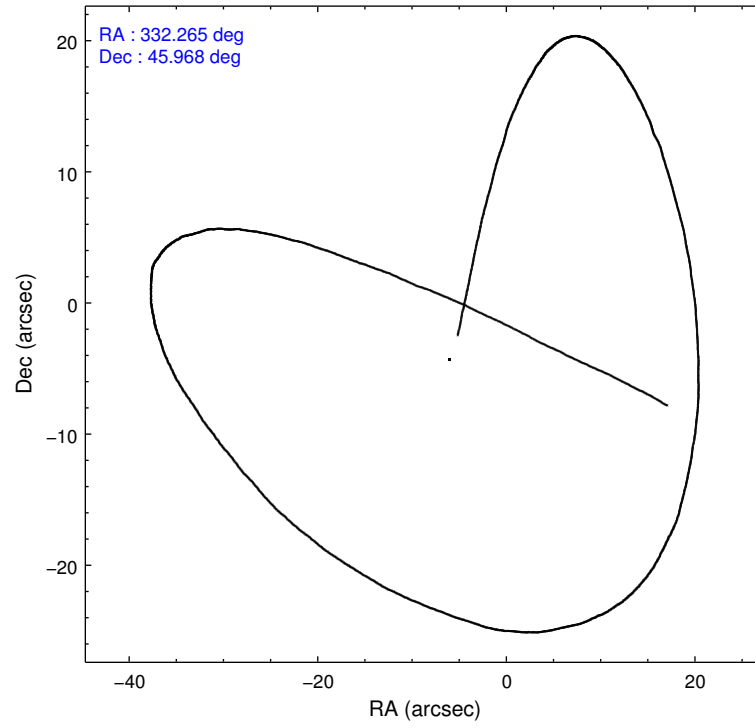
	segment 0
level 1 events	126219
rejected events	26965
rejected %	21%

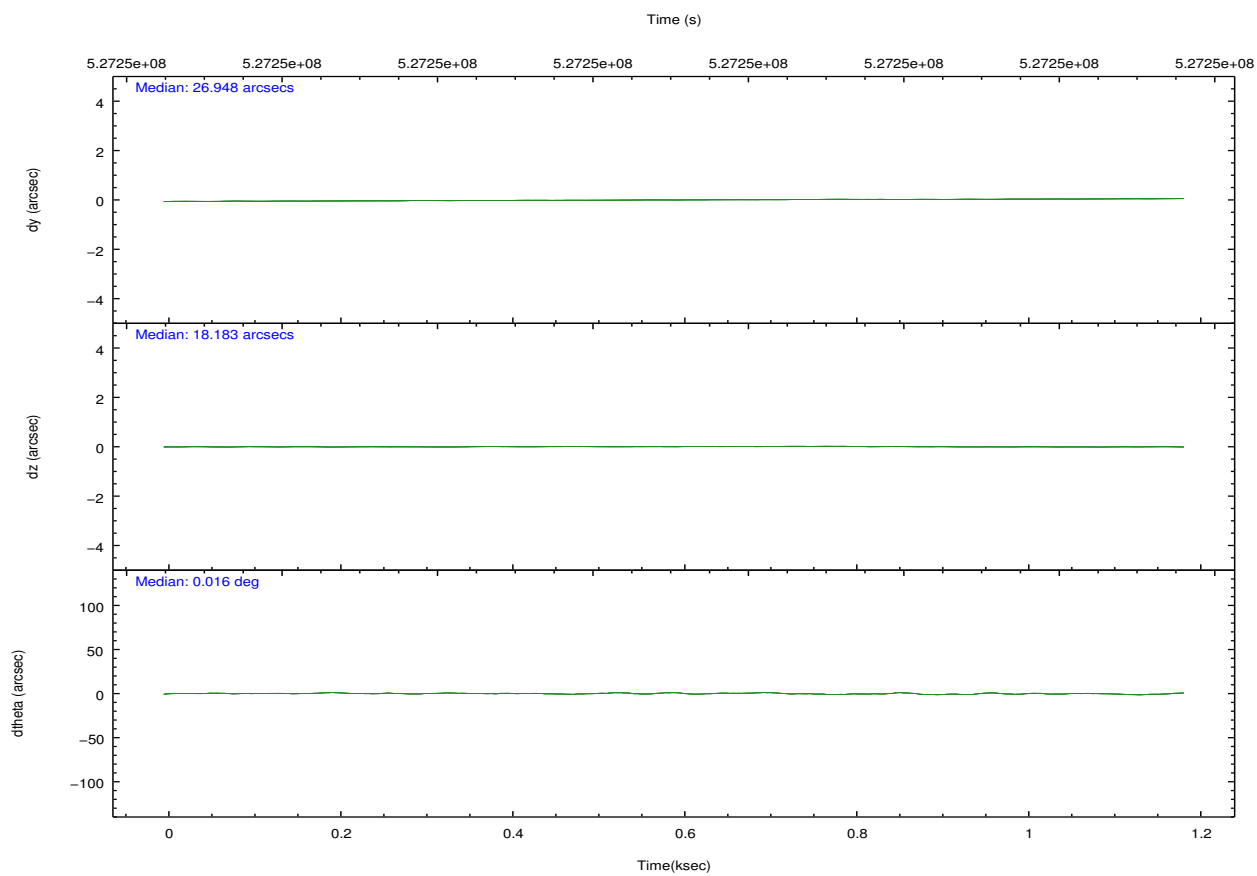
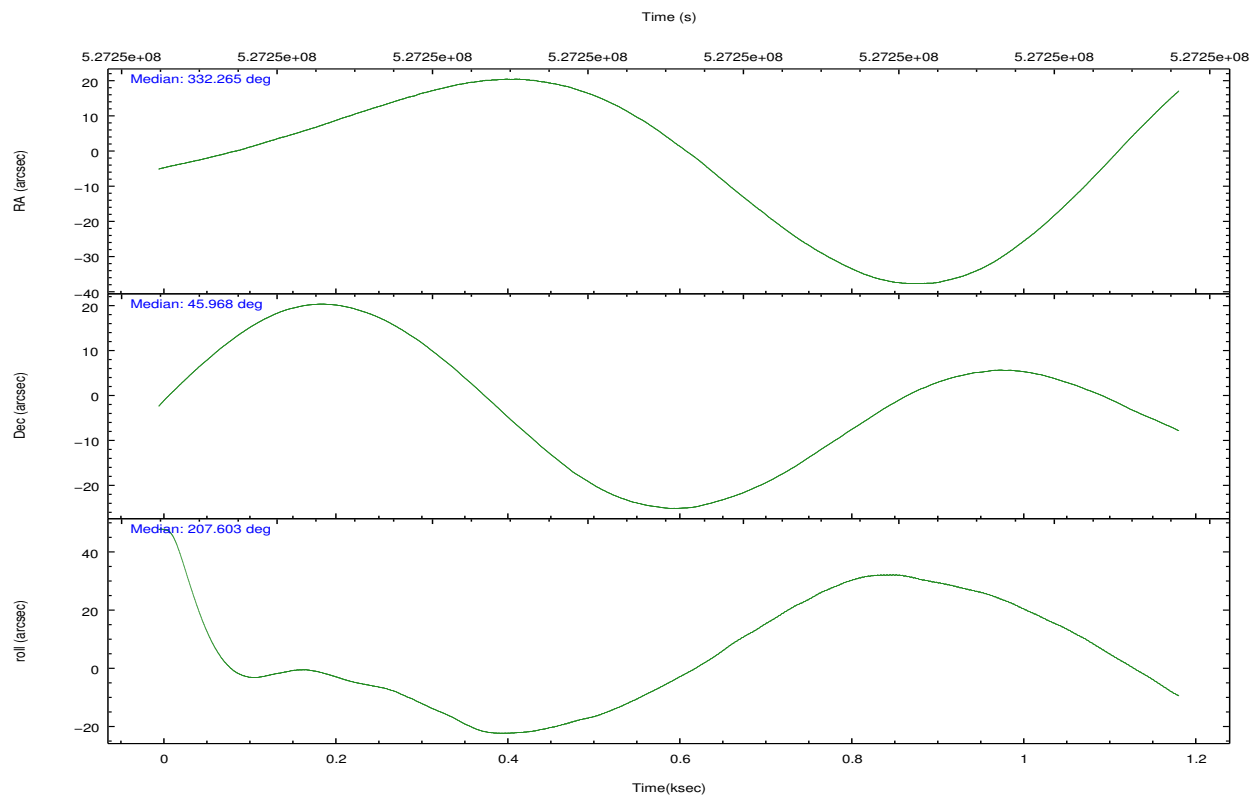
2.2 Compared Parameters

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	332.284558	332.2637249888764
[deg] Pointing Dec	45.990256	45.96781904883588
[deg] Pointing Roll	207.694642	207.6143692472658
[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)	527251891.184000	527251515.16474
Observation start date	2014-09-16T10:50:24	2014-09-16T10:45:15
[s] Observation end time (MET)	527252891.184000	527253026.01482
Observation end date	2014-09-16T11:07:04	2014-09-16T11:10:26

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

2.3 Aspect



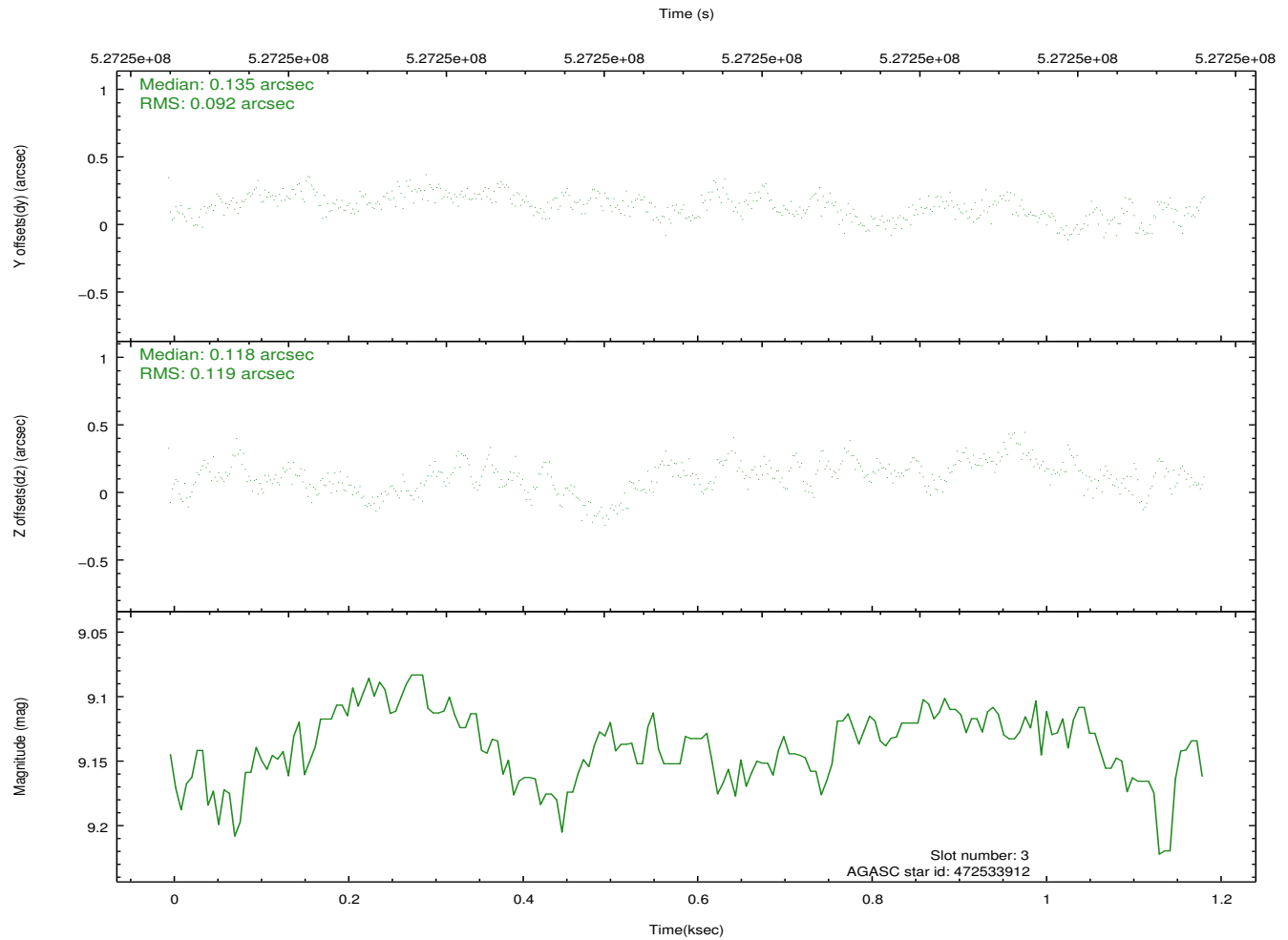
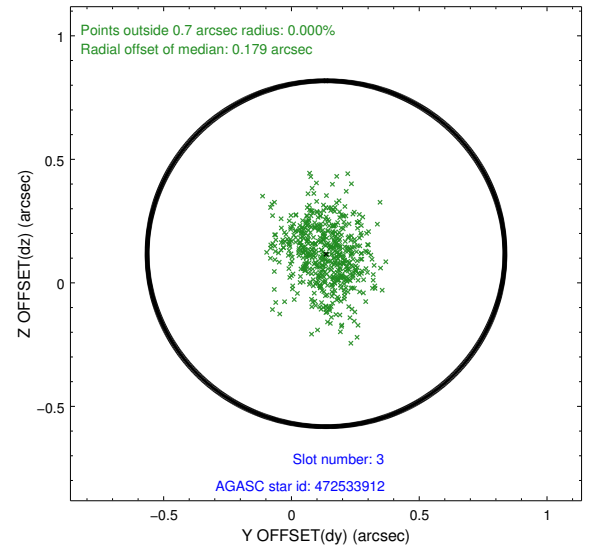
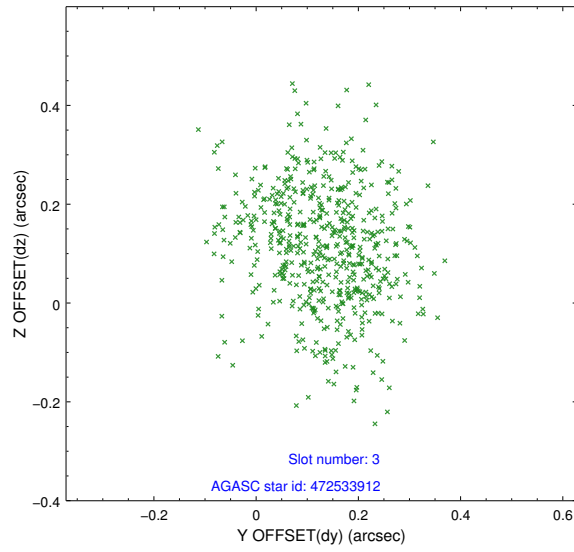


Slot Statistics

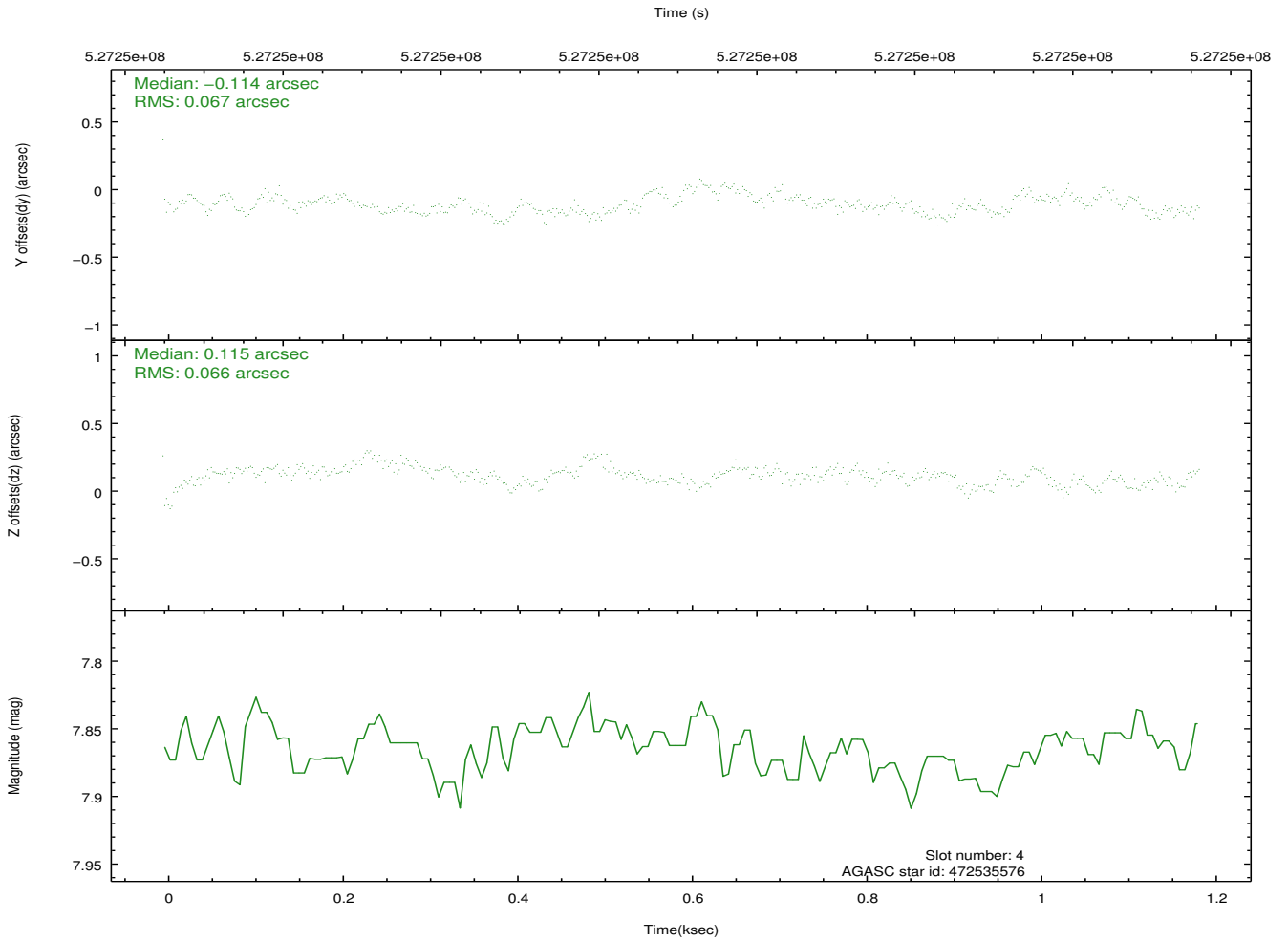
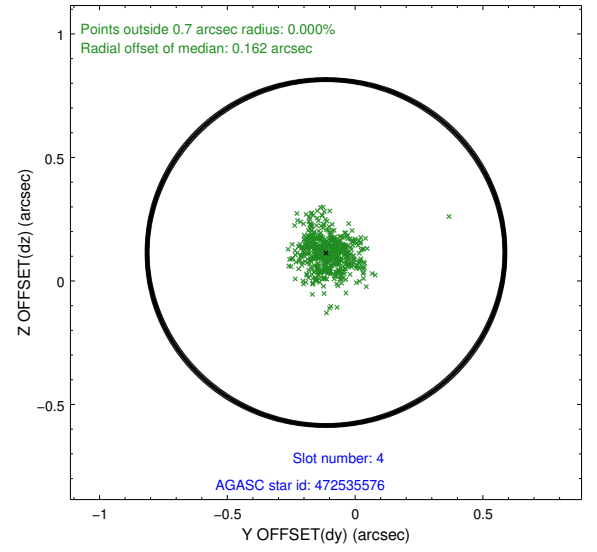
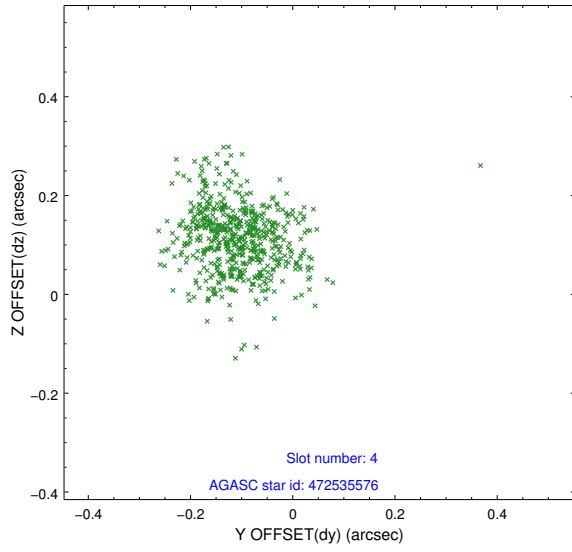
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	290	-0.209	-0.153	0.005	0.008	0.000000	0.000000	-783.46	-1306.41
1	FID	HRC-I-2	7.06	290	0.184	-0.019	0.008	0.012	0.000000	0.000000	826.86	-1312.56
2	FID	HRC-I-4	7.05	290	0.141	0.078	0.005	0.009	0.000000	0.000000	1262.83	991.19
3	GUIDE	472533912	9.14	579	0.135	0.118	0.157	0.265	331.791136	46.368695	451.61	-1775.34
4	GUIDE	472535576	7.86	580	-0.114	0.115	0.097	0.162	331.438373	46.291802	1355.89	-1948.36
5	GUIDE	472536328	8.13	580	0.017	0.286	0.097	0.166	331.496671	46.454831	952.02	-2396.77
6	GUIDE	472655152	9.43	580	0.198	-0.209	0.142	0.237	332.504239	45.862991	-272.55	660.50
7	GUIDE	472523760	8.24	579	-0.228	-0.295	0.083	0.145	331.645363	45.403260	2409.76	1119.60

2.4 Star Slots

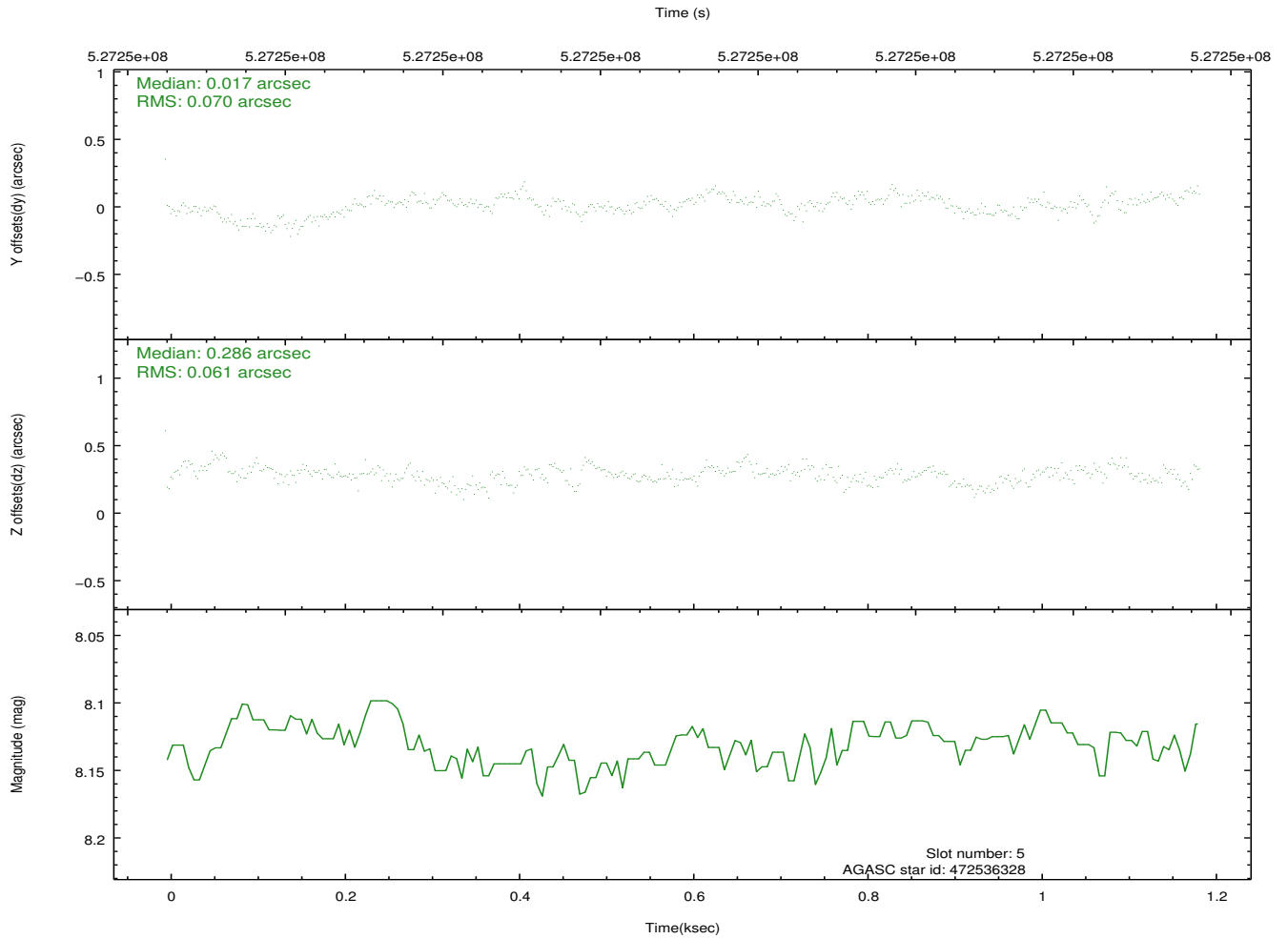
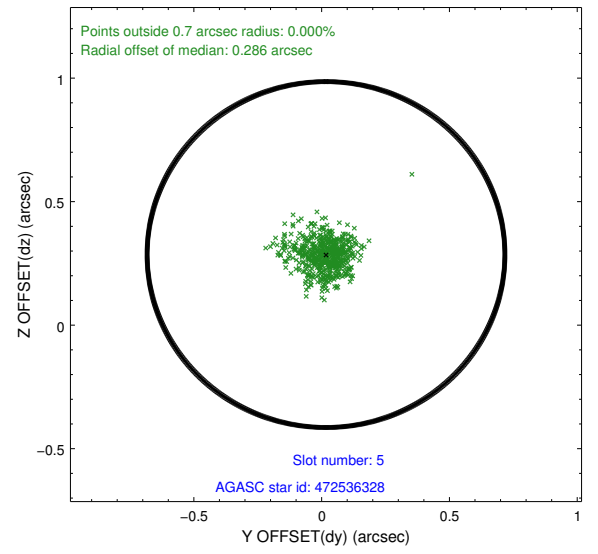
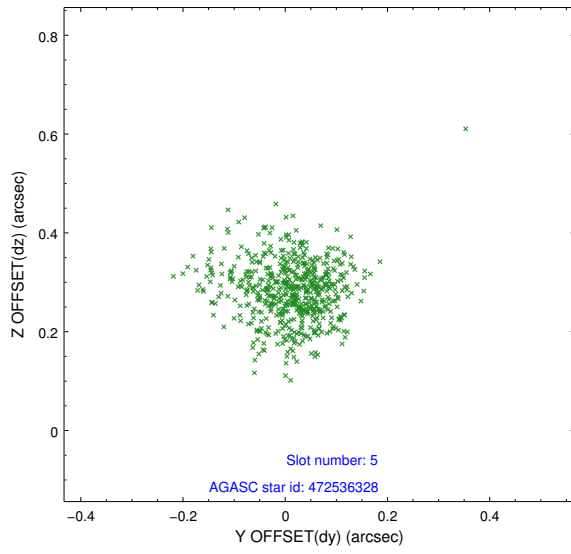
2.4.1 Slot 3



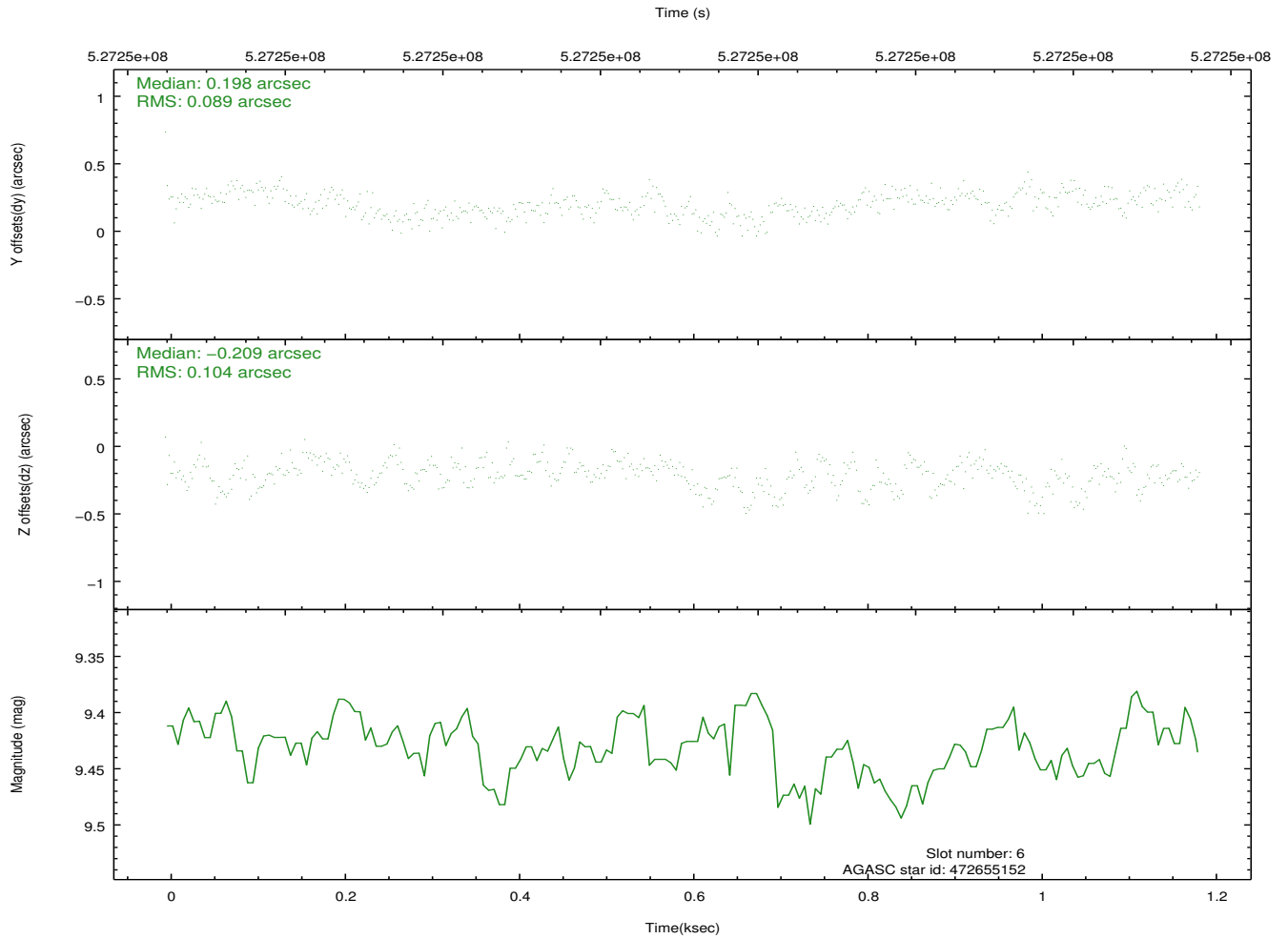
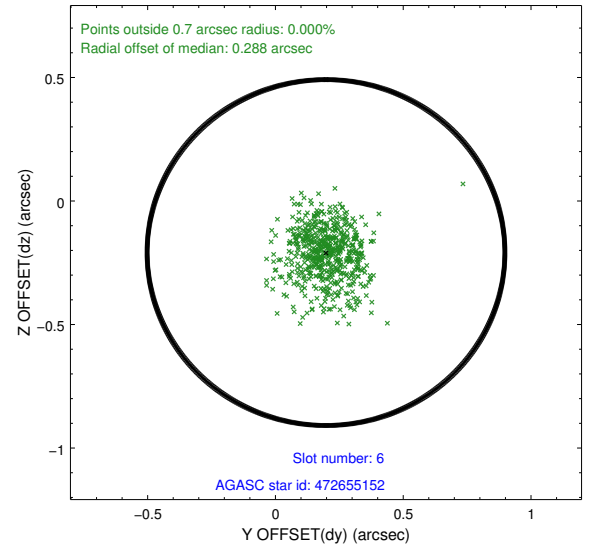
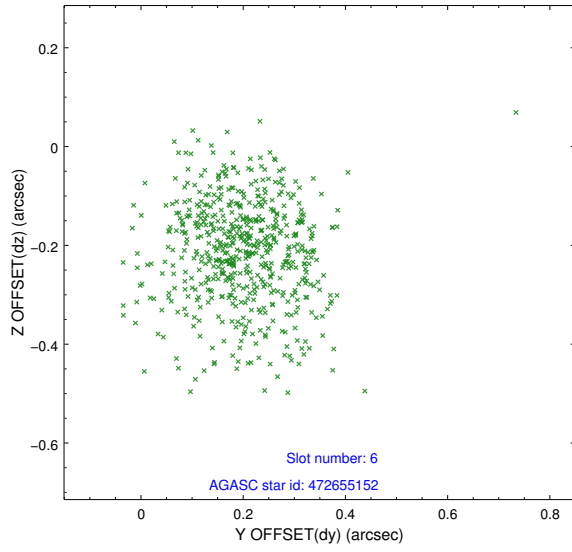
2.4.2 Slot 4



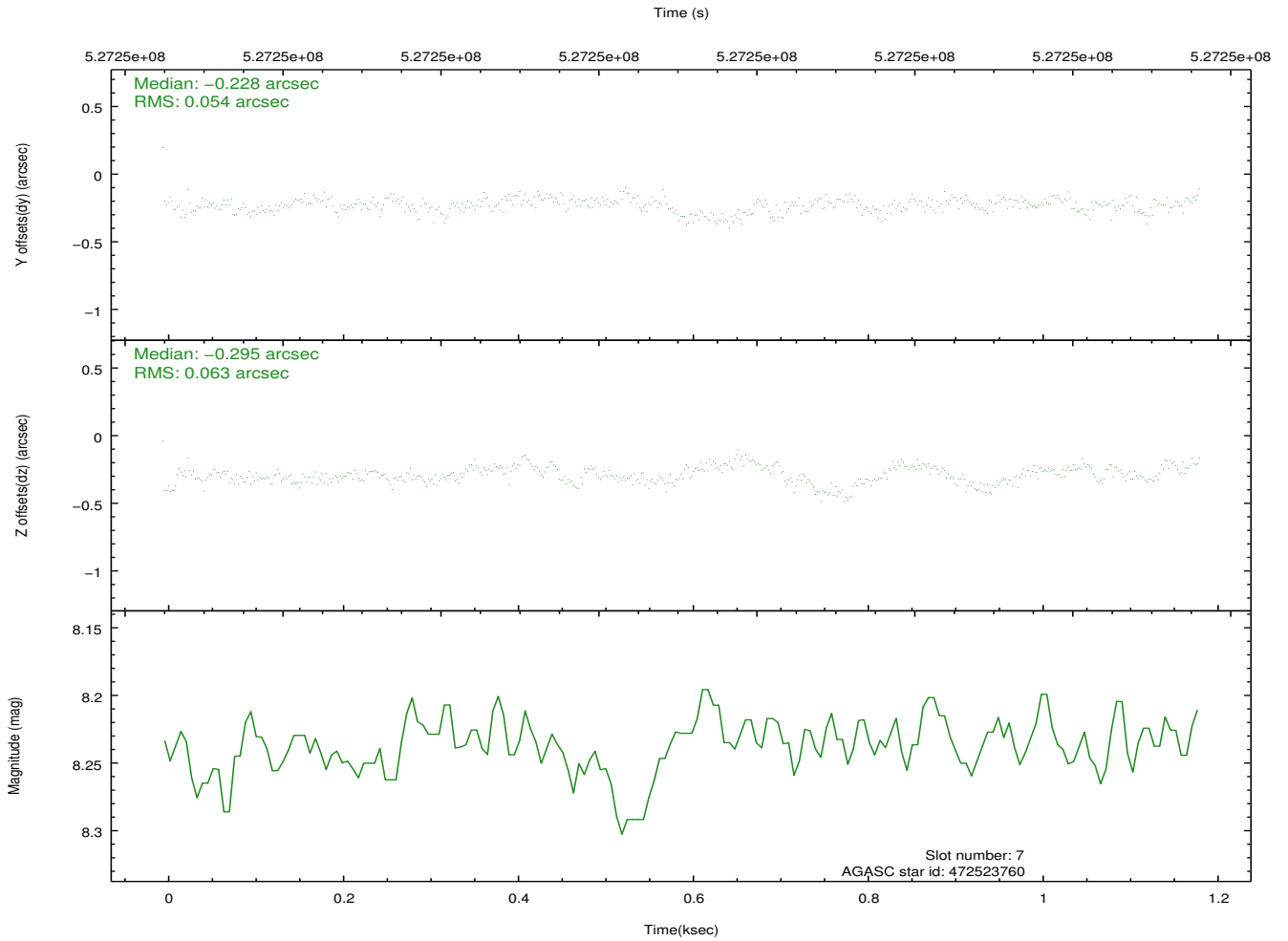
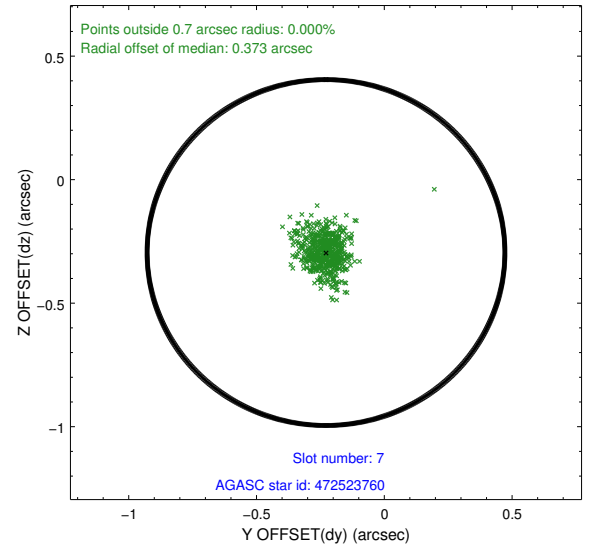
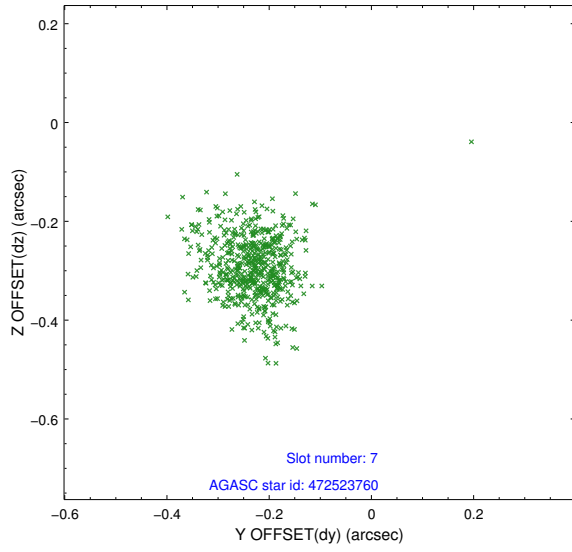
2.4.3 Slot 5



2.4.4 Slot 6

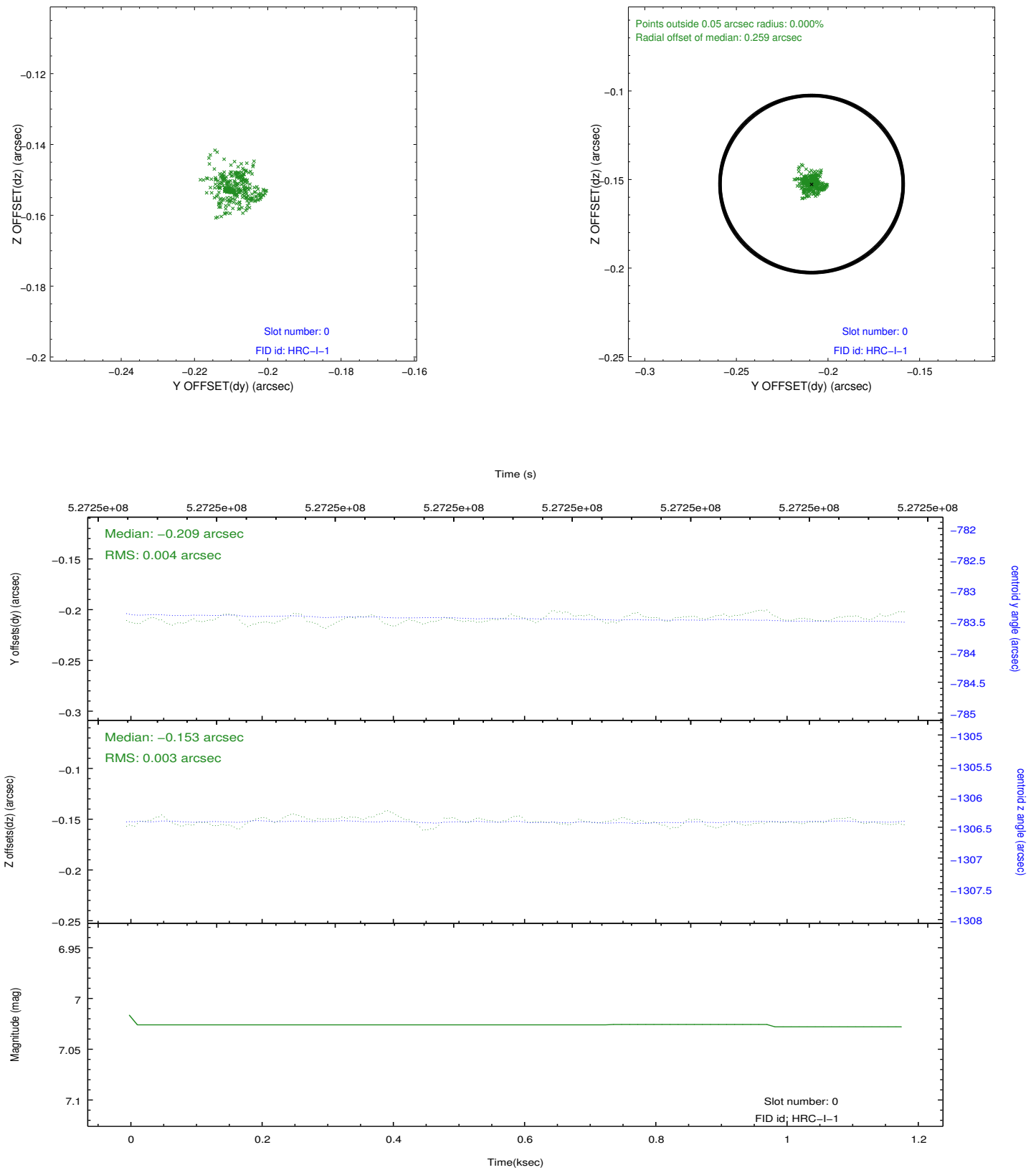


2.4.5 Slot 7

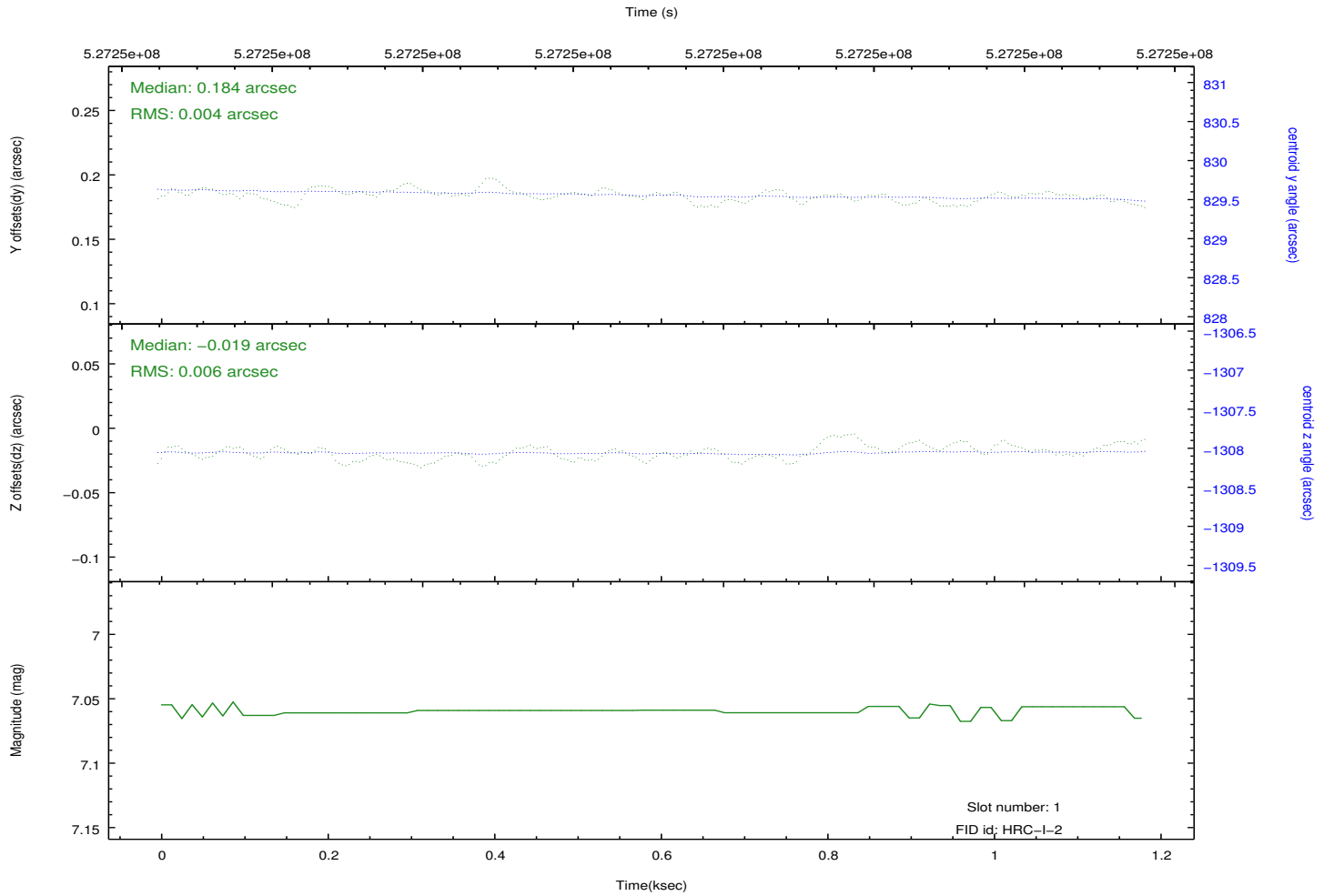
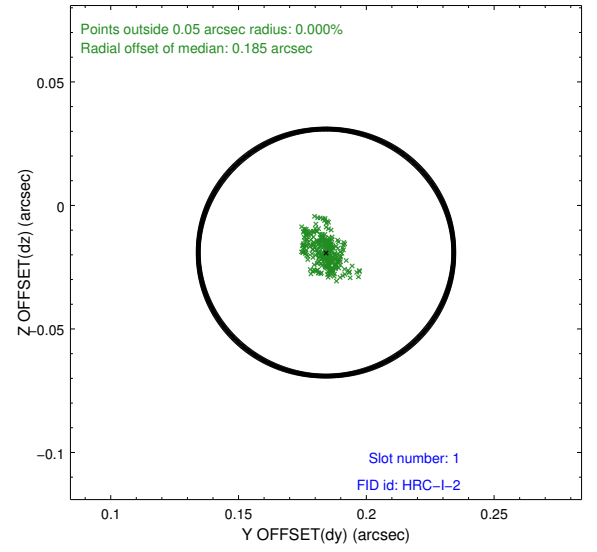
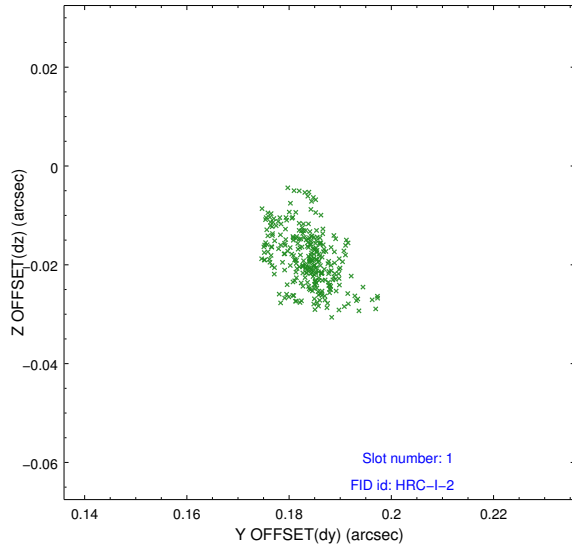


2.5 FID Slots

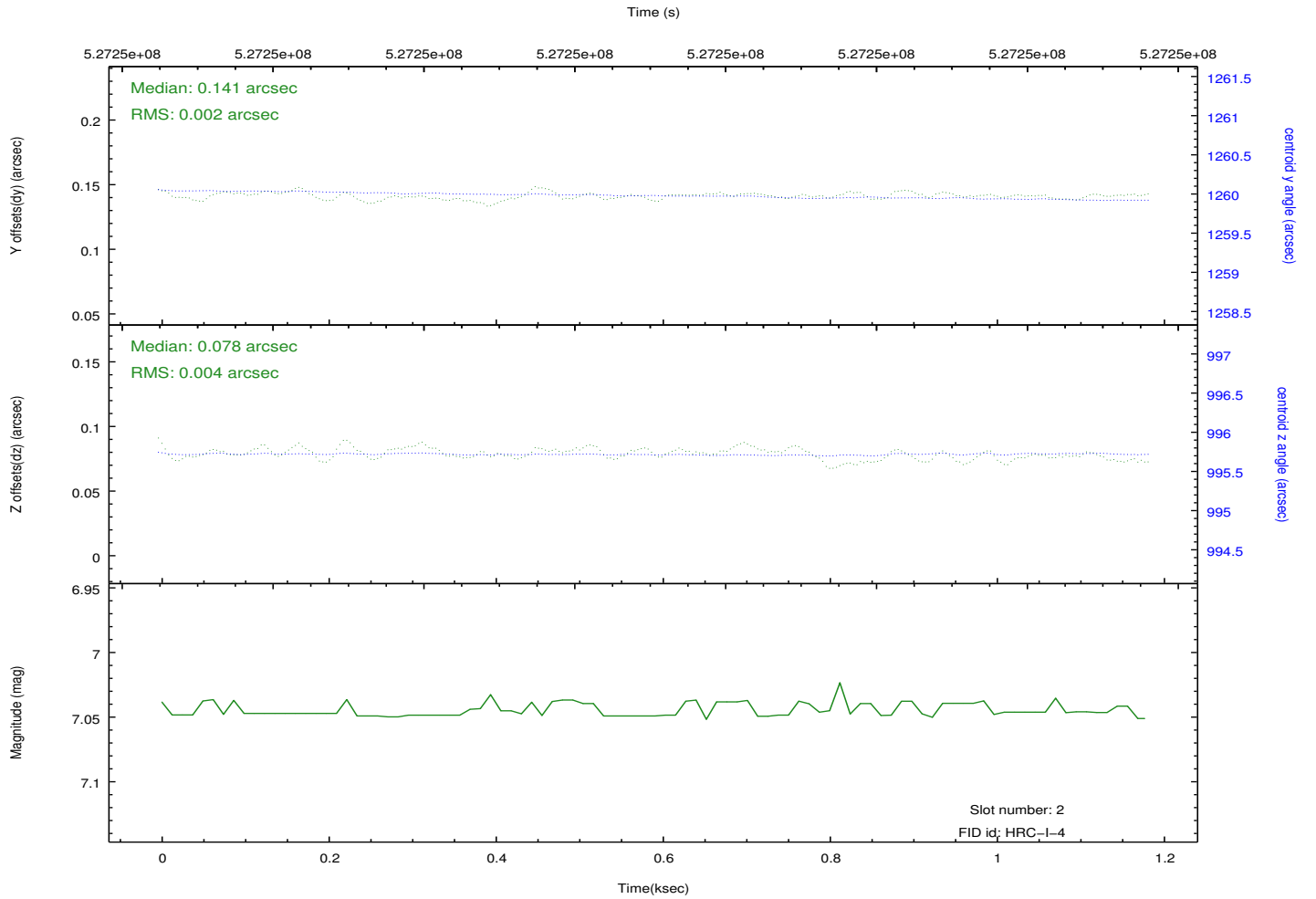
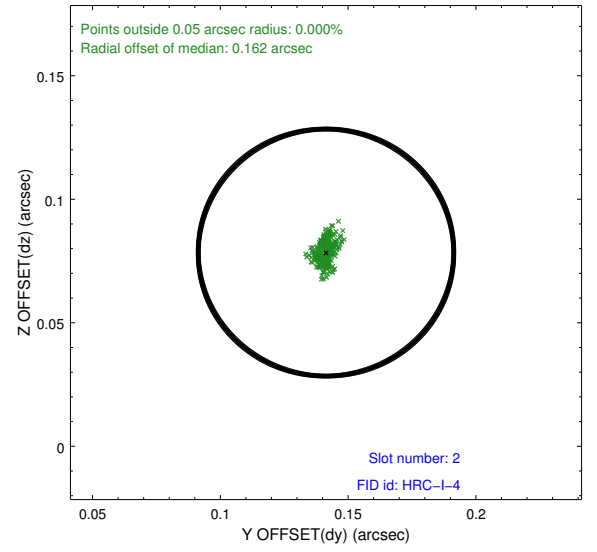
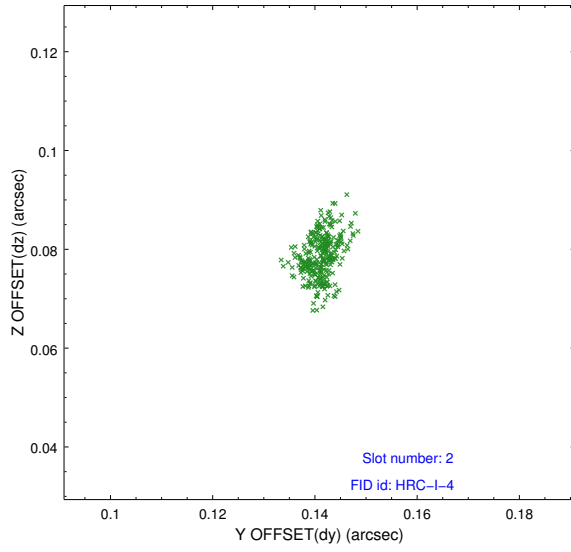
2.5.1 Slot 0



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)	2014.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813158989

A.2 Comments