

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11889 - L2 Version 2
Chandra X-Ray Center

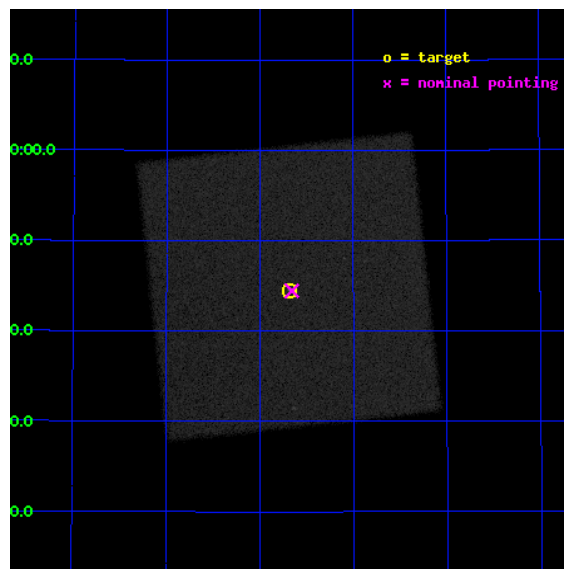
L2 Processing Date : Jul 3 2012

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1 Front

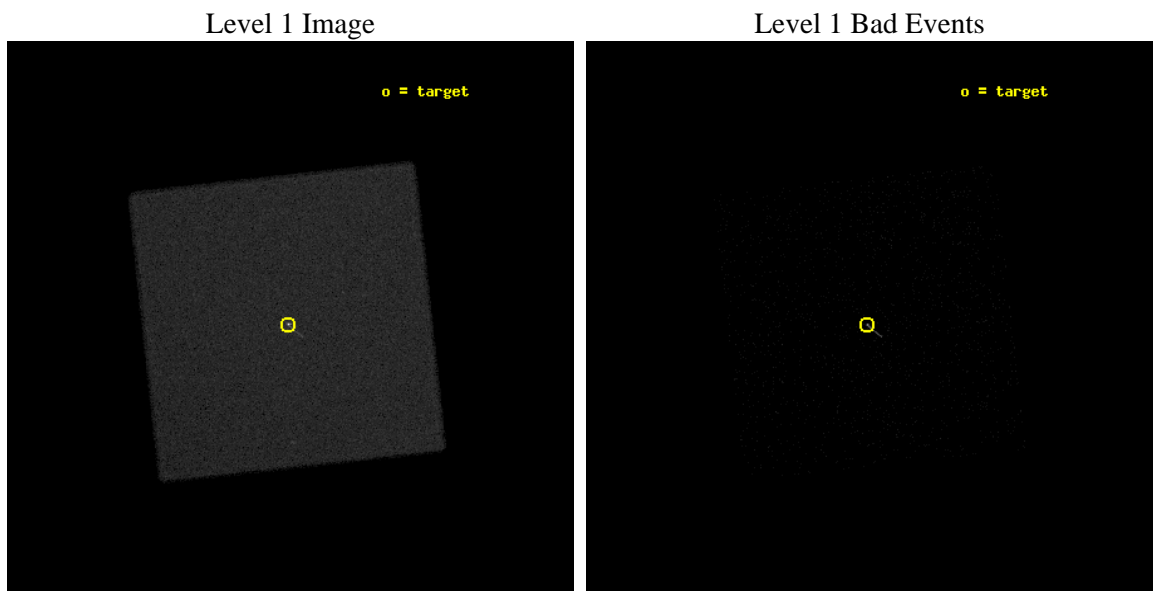
seq_num	290878	Sequence number
obs_id	11889	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16433090904	Nominal RA [deg]
dec_nom	45.741150614882	Nominal Dec [deg]
roll_nom	218.7556464712	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3184.9314133525	[s]
livetime	3150.023137732	Ontime multiplied by DTCOR
l2events	245453	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	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3184.9314133525	[s]
caldbver	4.5.0	 	l1events	374826	Number of level 1 events
date	2012-07-03T23:53:41	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

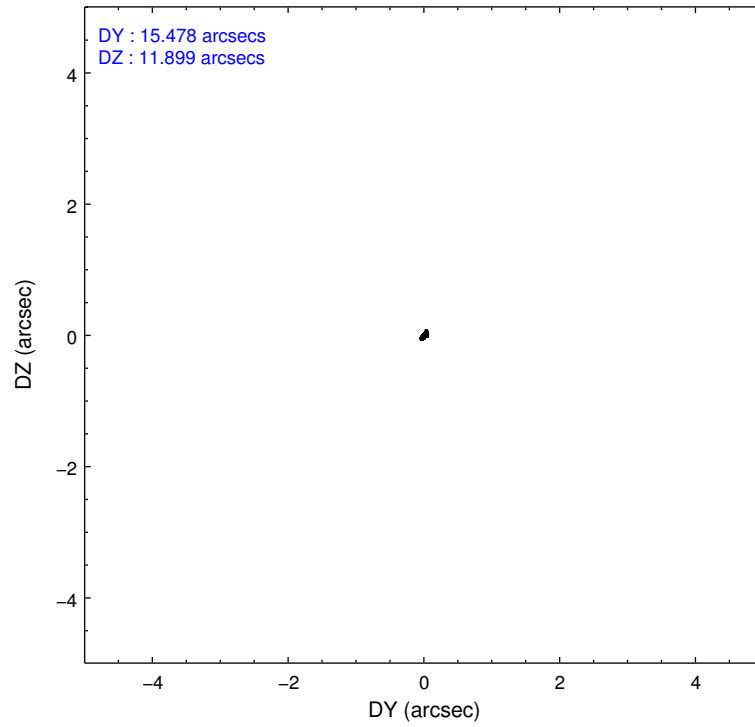
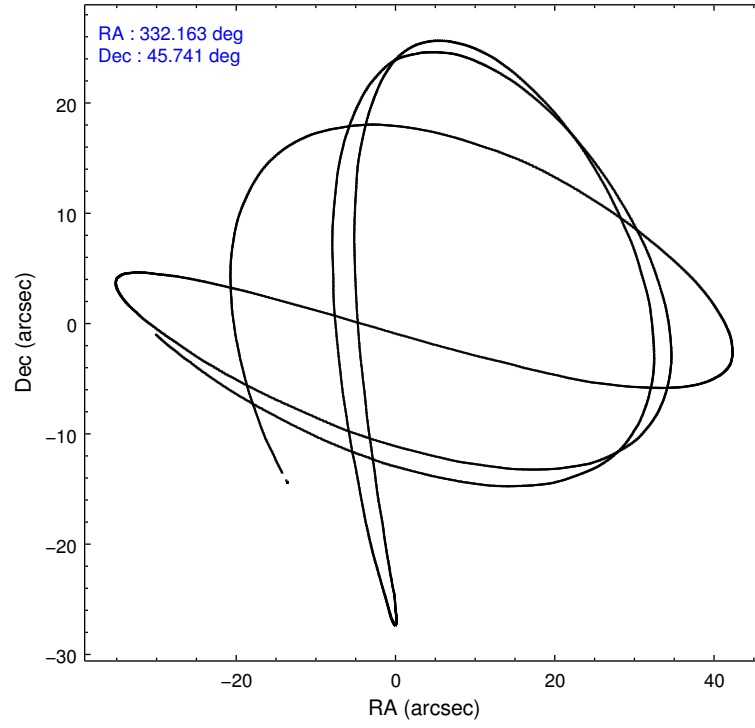
Level 1 Events

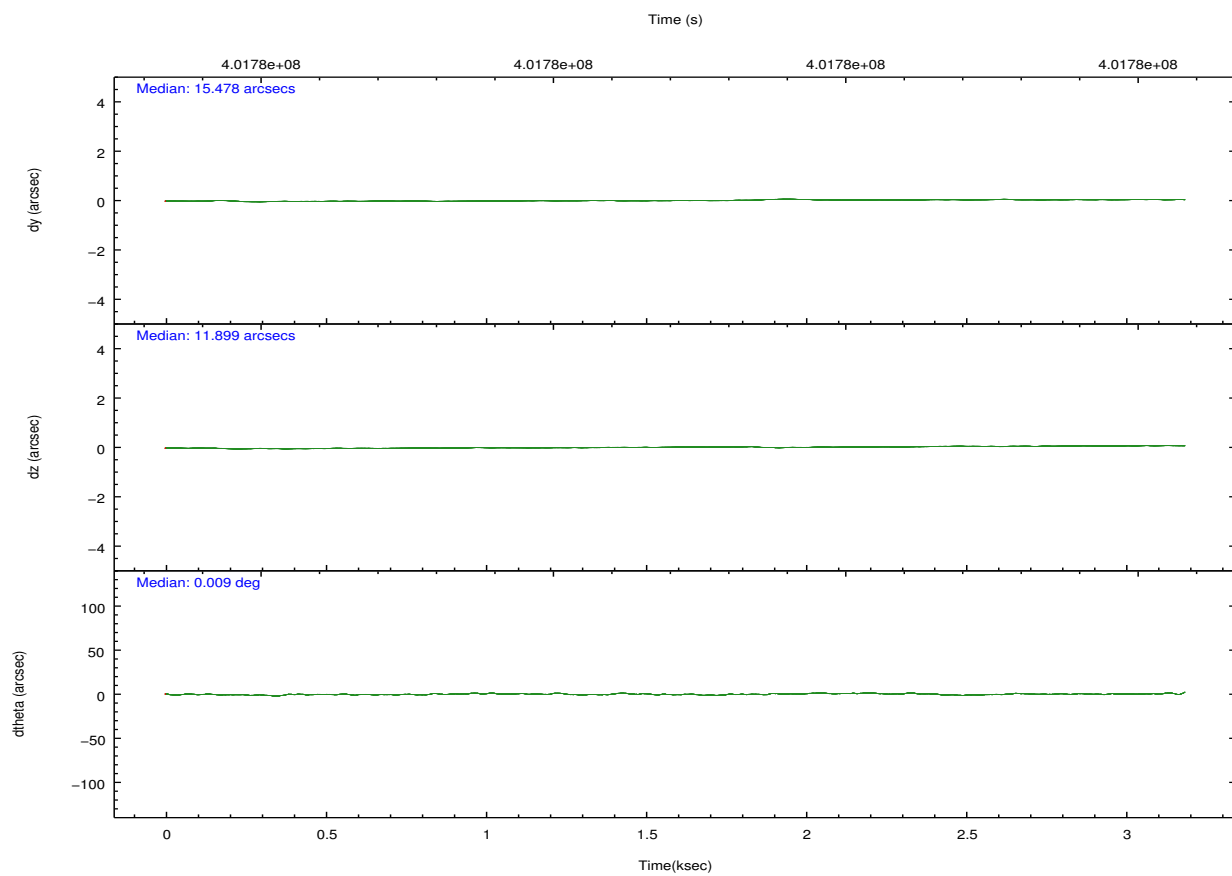
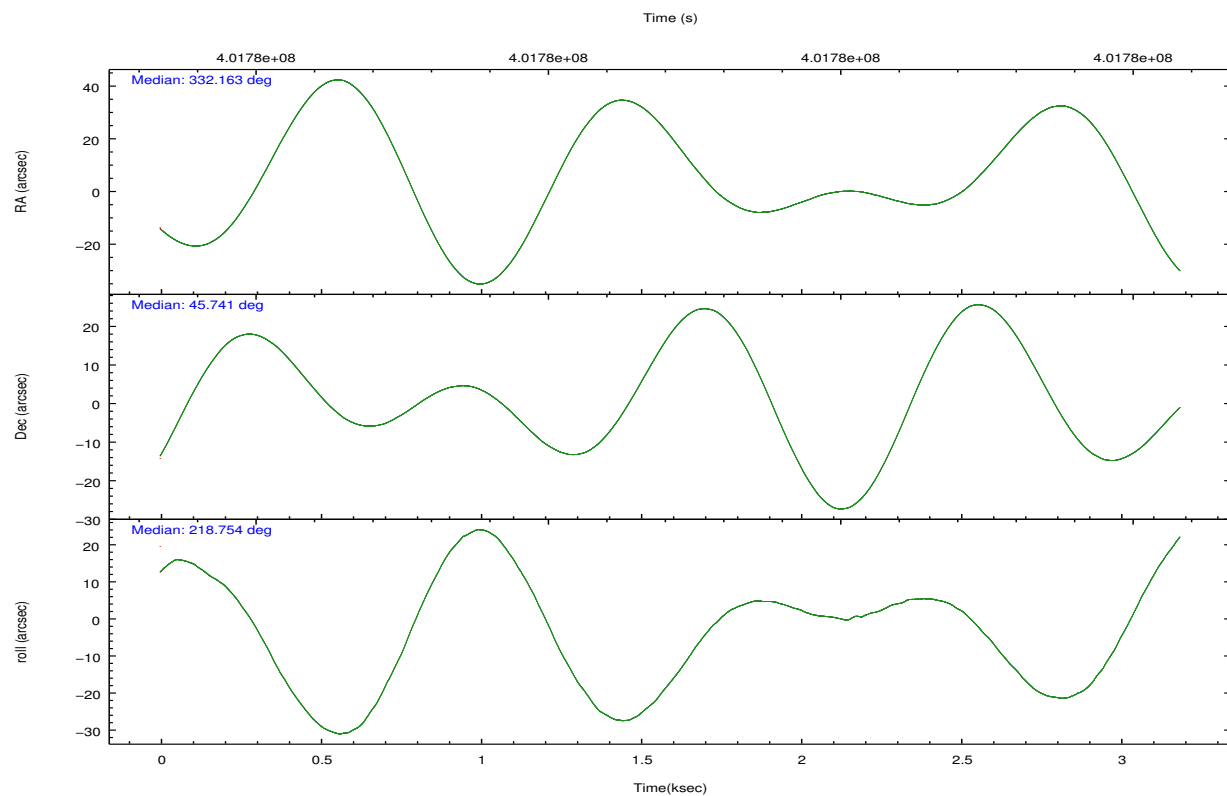
	segment 0
level 1 events	374826
rejected events	34758
rejected %	9%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.177499	332.1643309090379			
[deg] Pointing Dec	45.766642	45.74115061488155			
[deg] Pointing Roll	218.841697	218.755646471197			
[s] Window start time (MET)	397008066.184000	397008066.184000			
[s] Window stop time (MET)	404870466.184000	404870466.184000			
[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)	401781013.184000	401780636.86255			
Observation start date	2010-09-25T05:49:07	2010-09-25T05:43:56			
[s] Observation end time (MET)	401784013.184000	401784147.48773			
Observation end date	2010-09-25T06:39:07	2010-09-25T06:42:27			

2.3 Aspect



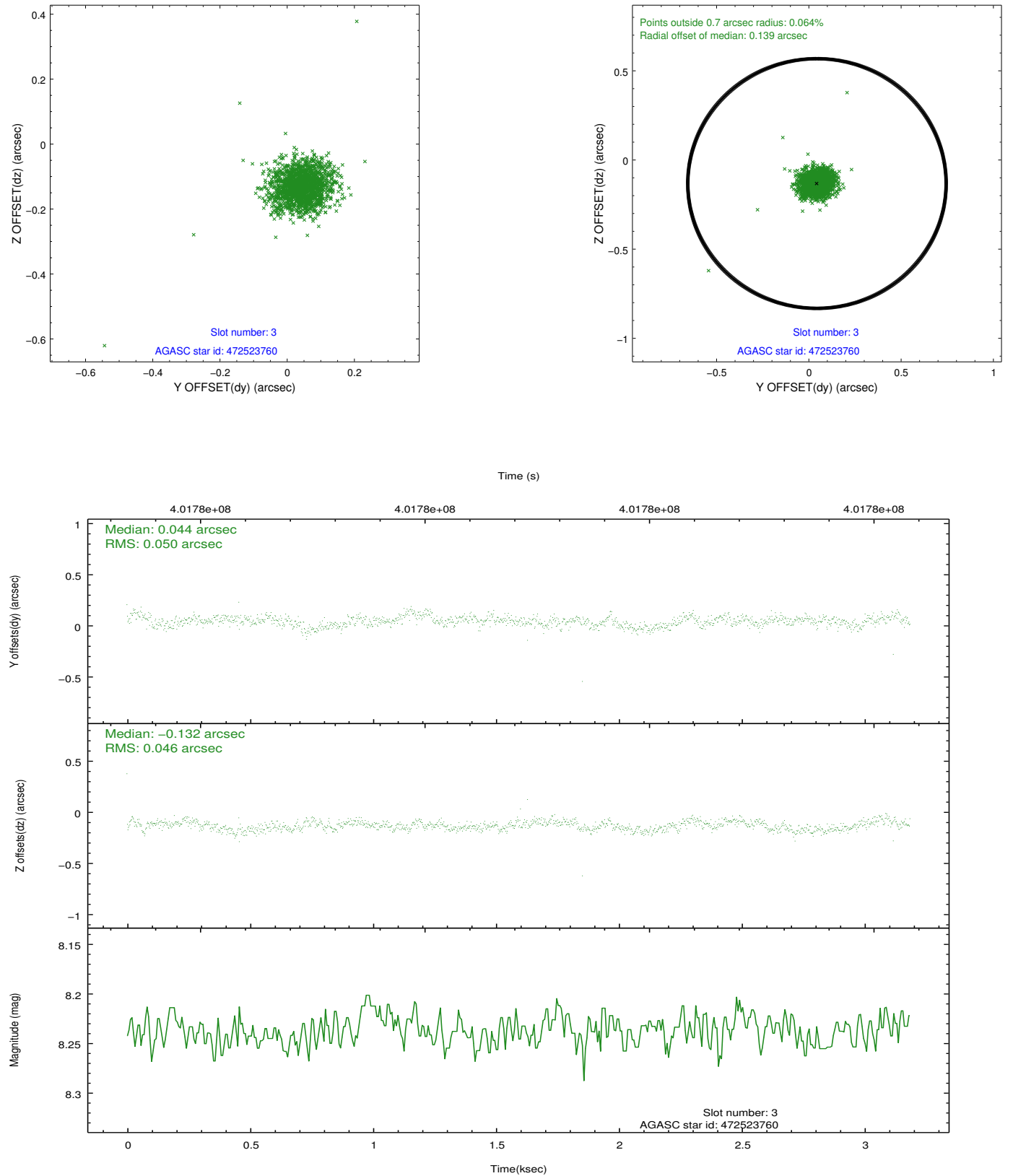


Slot Statistics

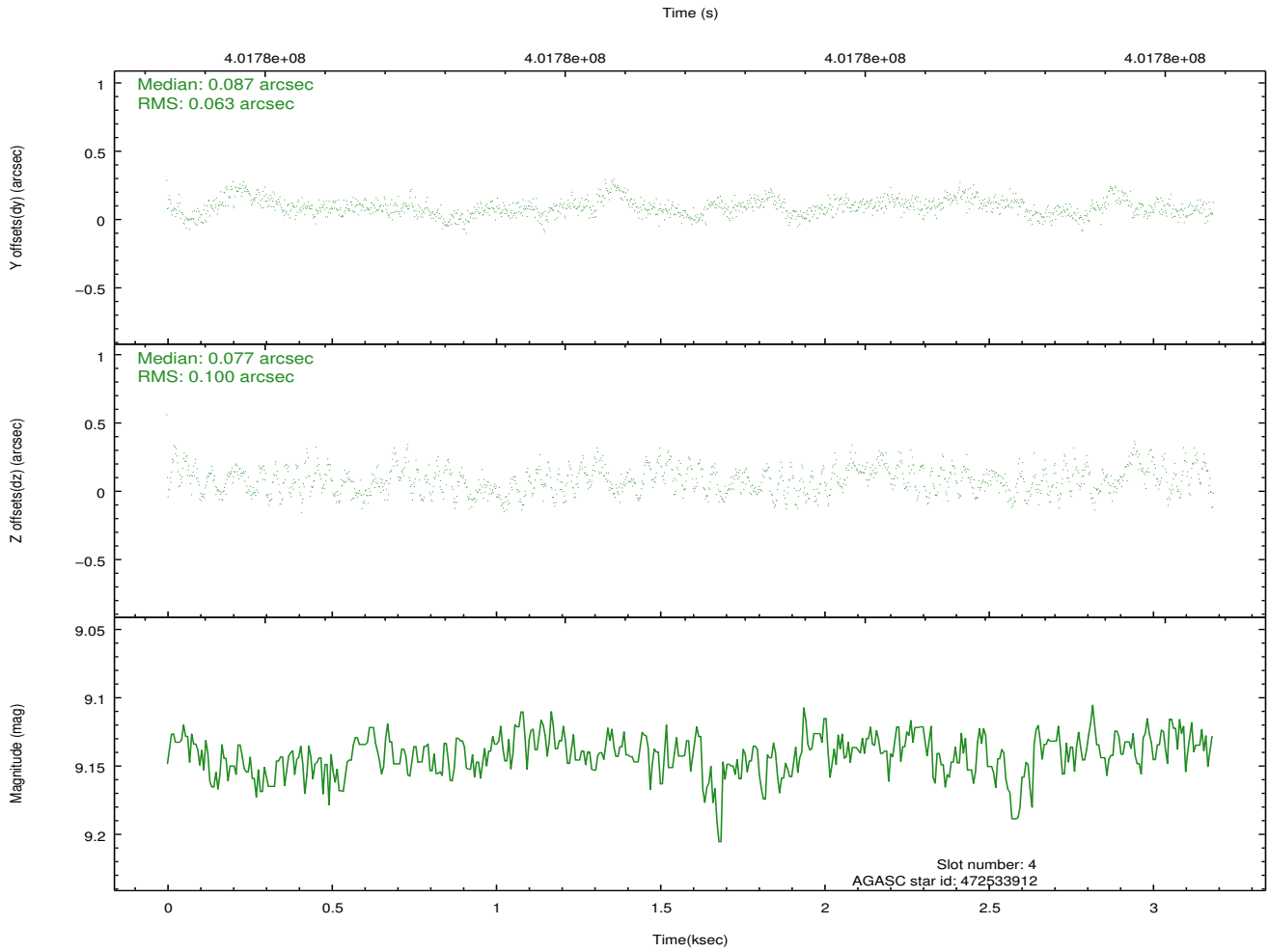
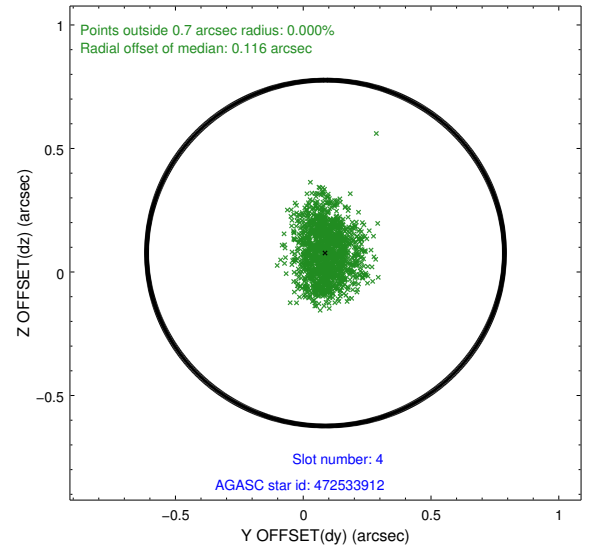
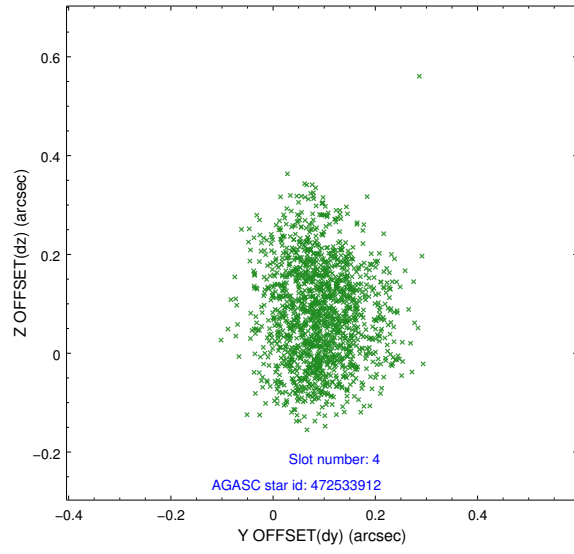
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	778	-0.066	0.016	0.009	0.021	0.000000	0.000000	-771.38	-1299.87
1	FID	HRC-I-2	6.99	778	0.220	-0.124	0.007	0.013	0.000000	0.000000	840.55	-1303.27
2	FID	HRC-I-3	7.05	778	-0.035	0.019	0.007	0.014	0.000000	0.000000	-1198.73	1003.02
3	GUIDE	472523760	8.24	1555	0.044	-0.132	0.067	0.109	331.645363	45.403260	1866.21	172.17
4	GUIDE	472533912	9.14	1555	0.087	0.077	0.127	0.200	331.791136	46.368695	-611.08	-2291.39
5	GUIDE	472655152	9.41	1551	0.057	-0.173	0.135	0.218	332.504239	45.862991	-856.17	241.03
6	GUIDE	472665256	9.02	1555	0.161	0.171	0.082	0.133	332.808125	46.195041	-2194.73	-219.91
7	GUIDE	472525528	6.65	1554	-0.346	0.058	0.076	0.125	331.551102	45.248694	2401.13	452.17

2.4 Star Slots

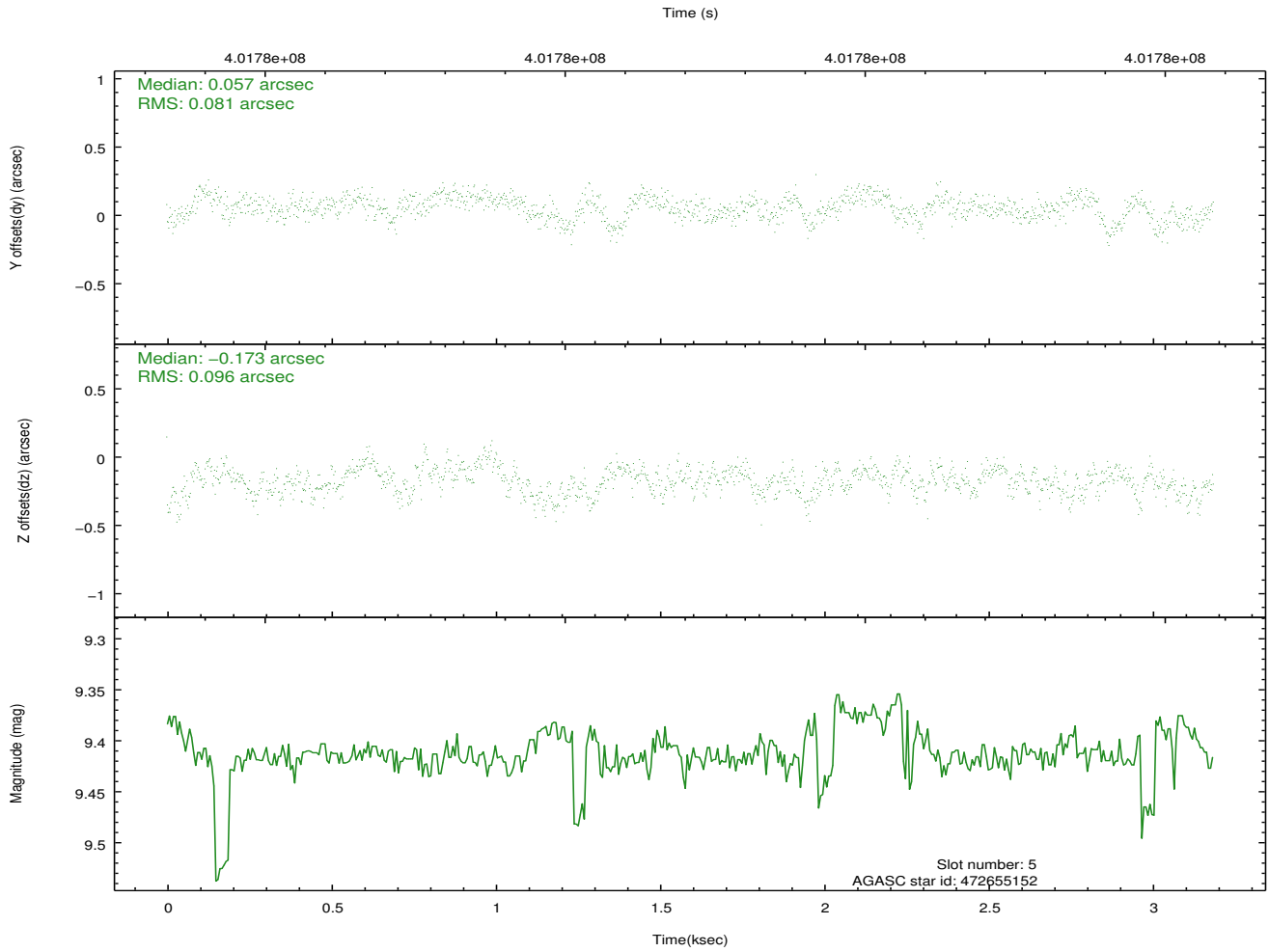
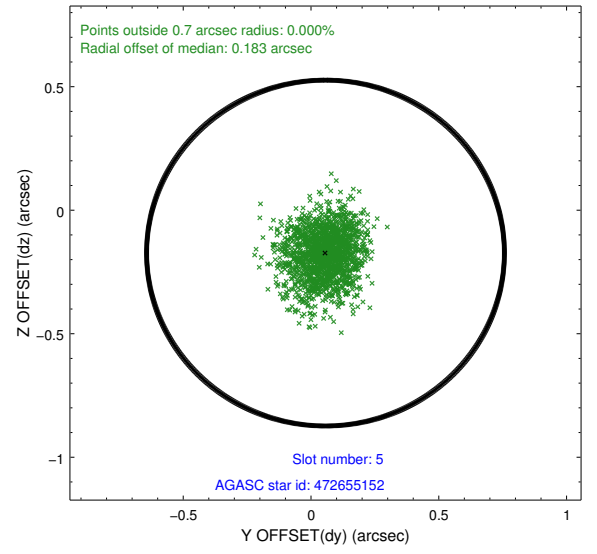
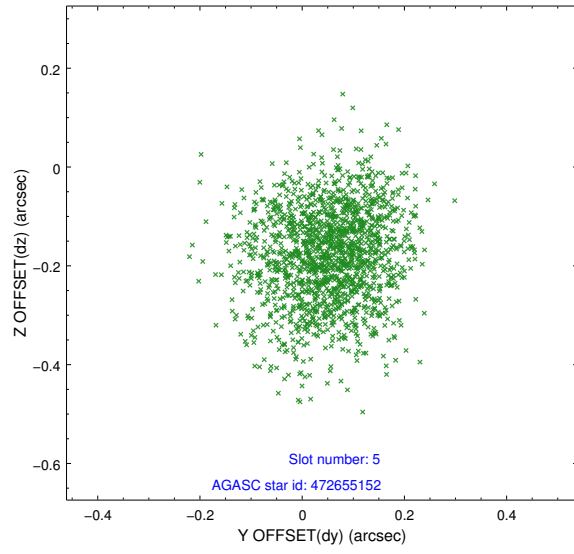
2.4.1 Slot 3



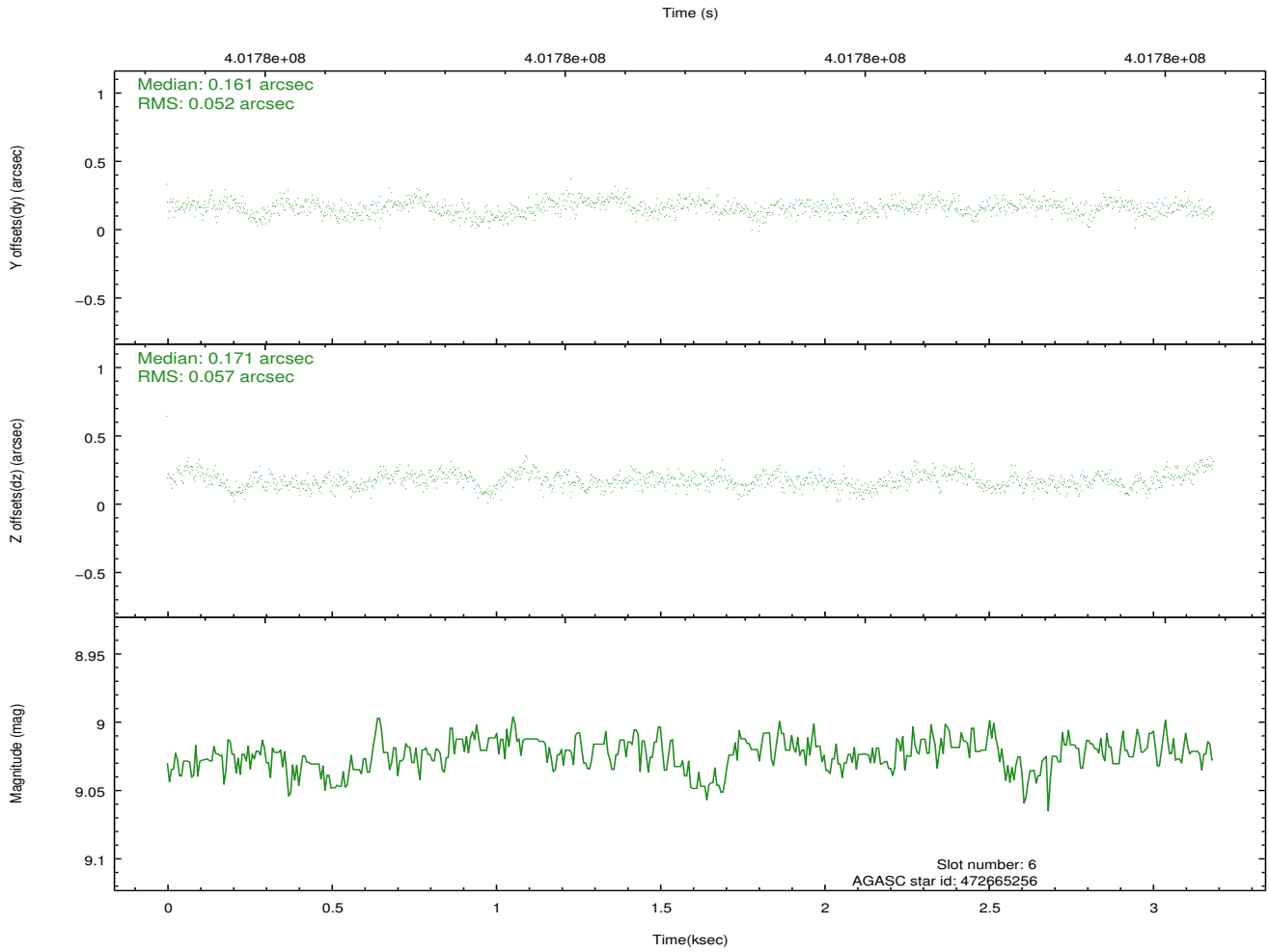
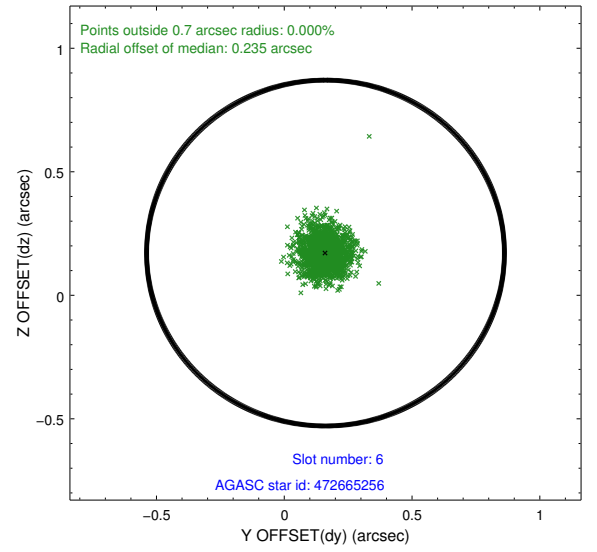
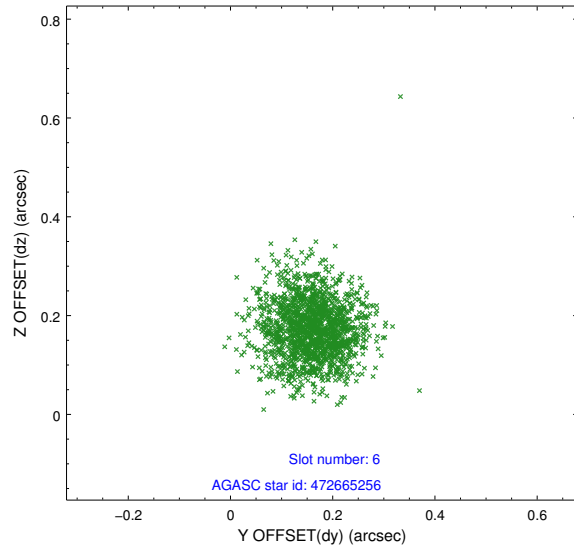
2.4.2 Slot 4



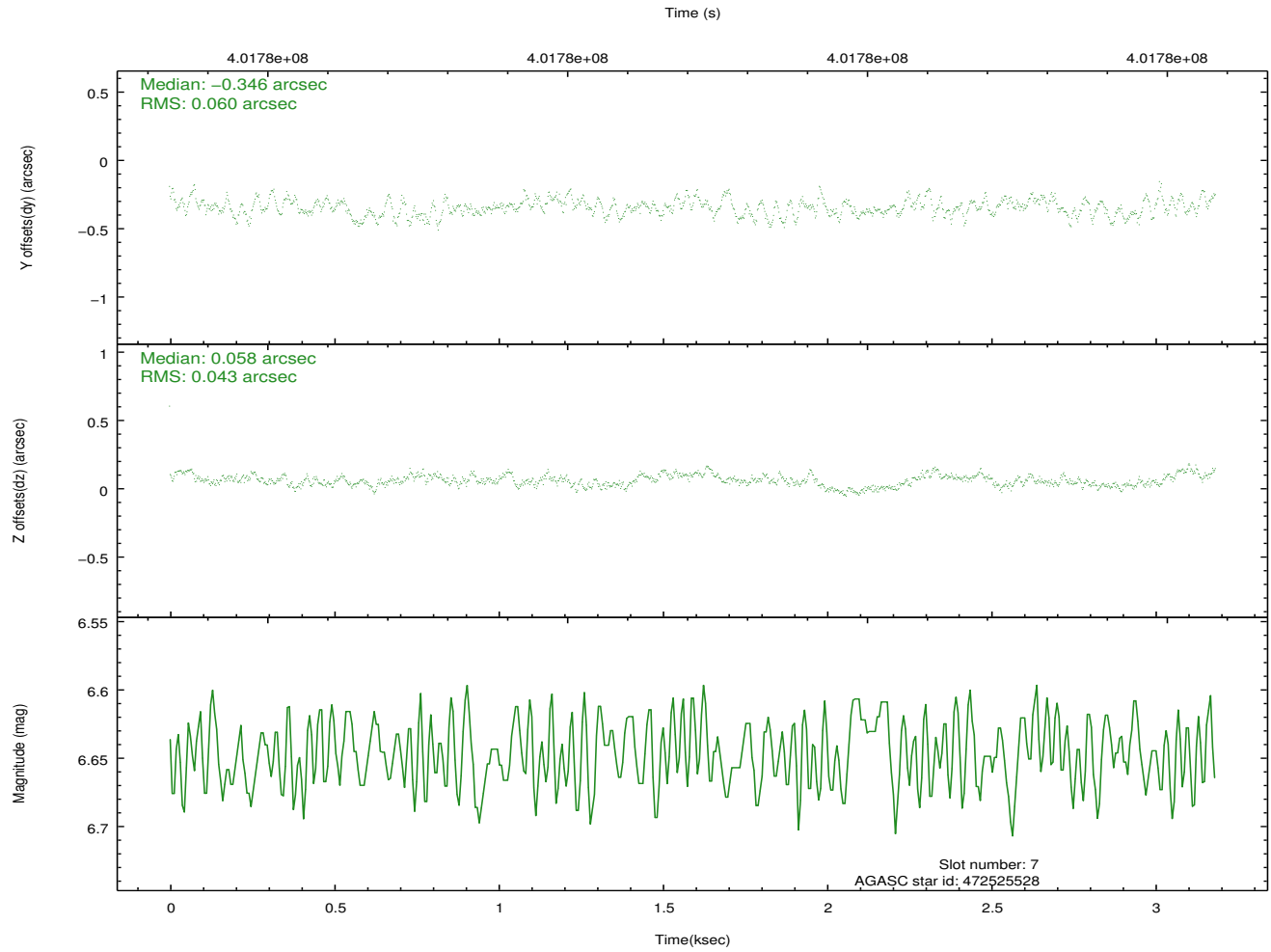
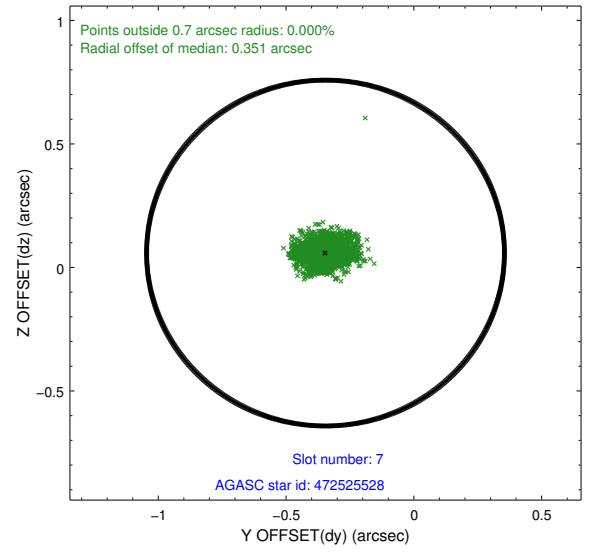
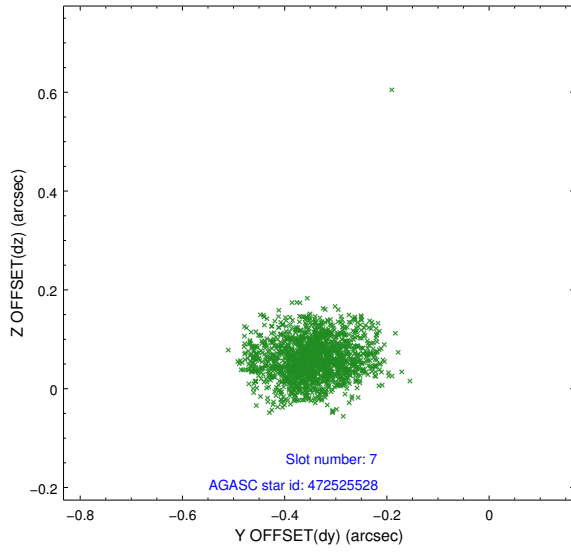
2.4.3 Slot 5



2.4.4 Slot 6

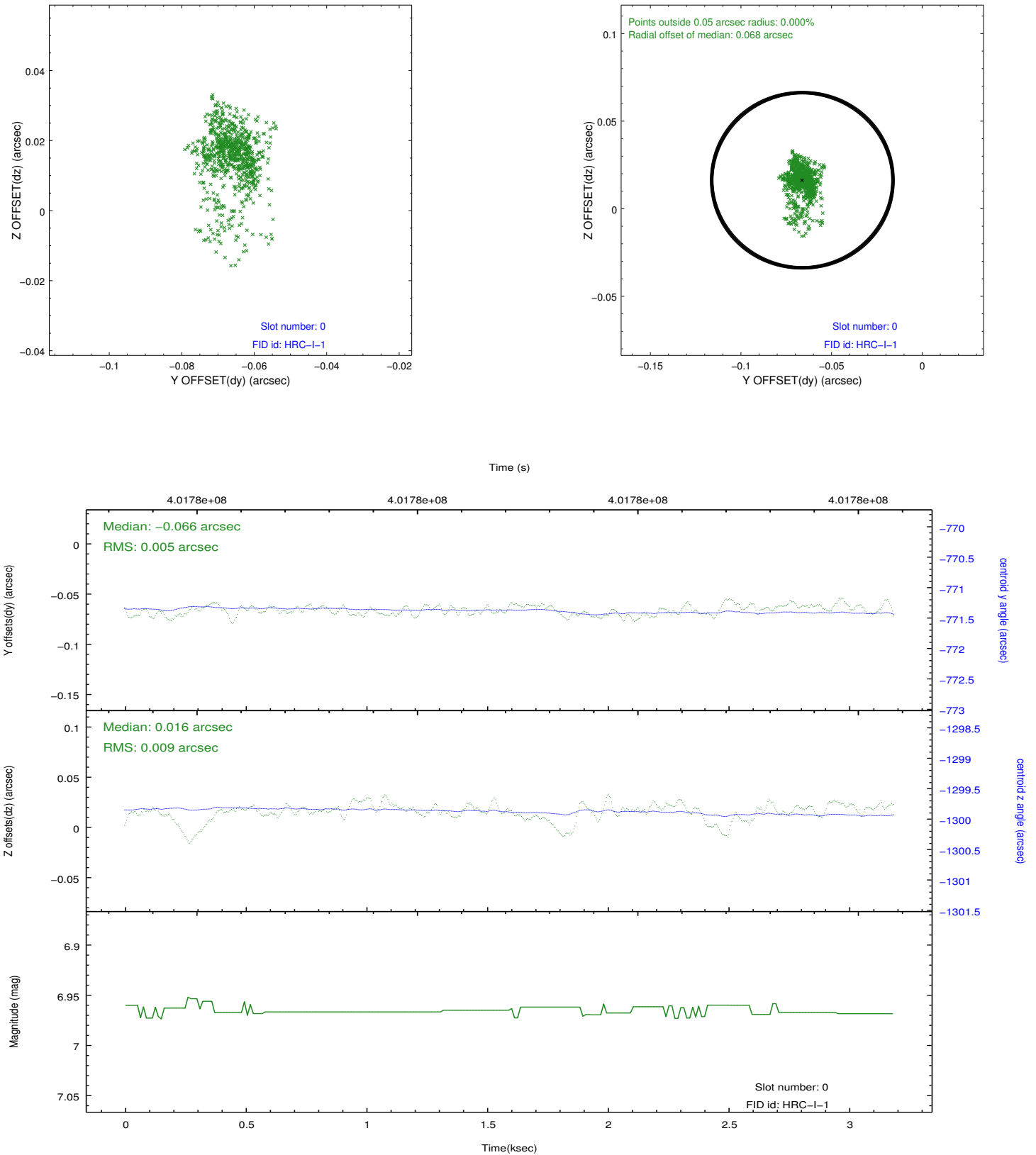


2.4.5 Slot 7

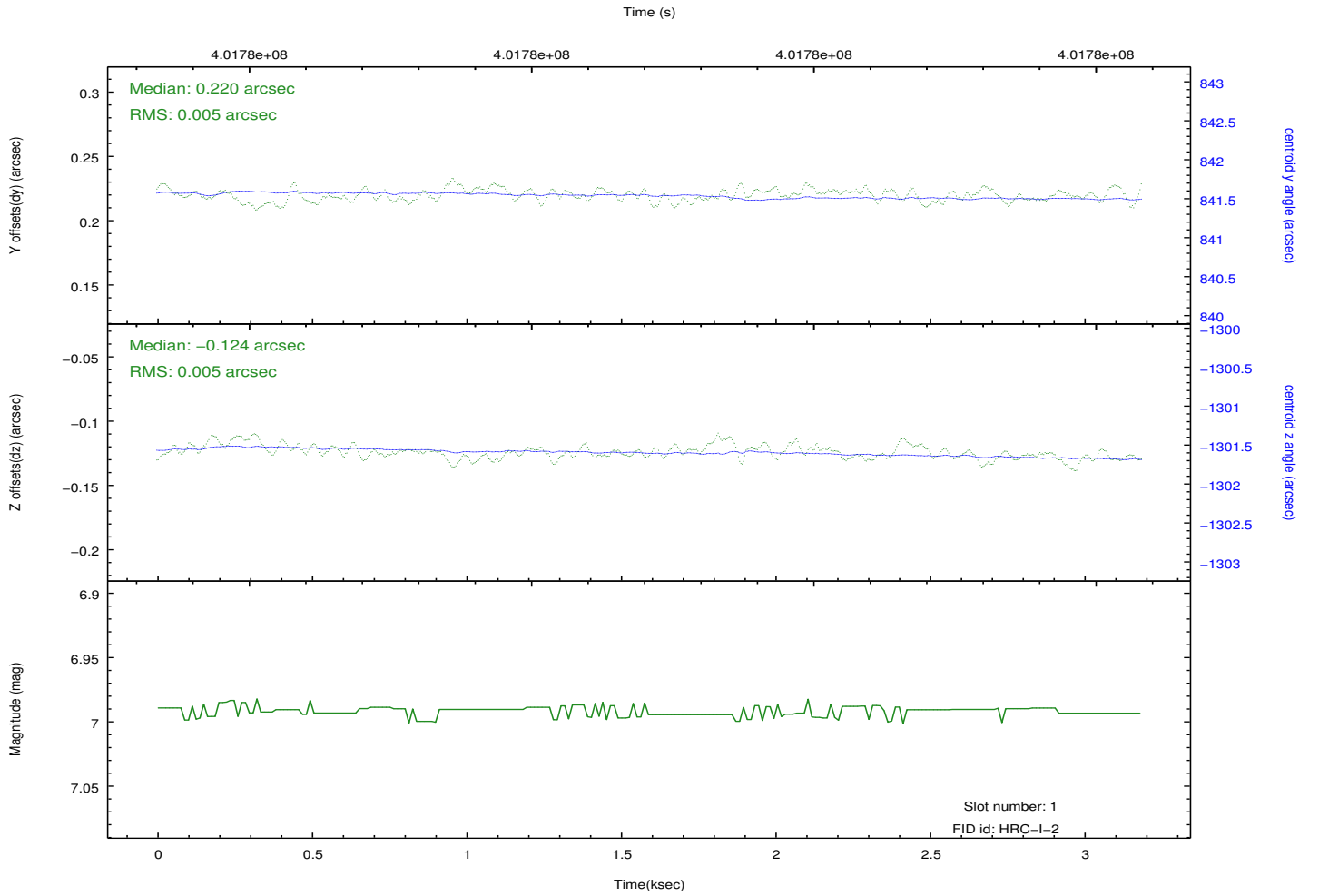
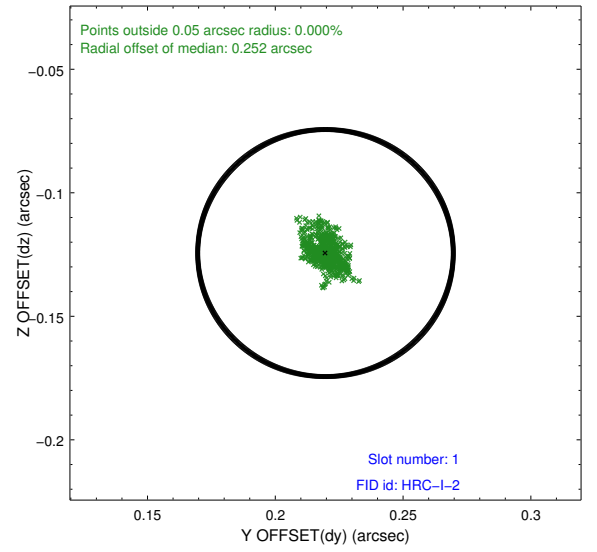
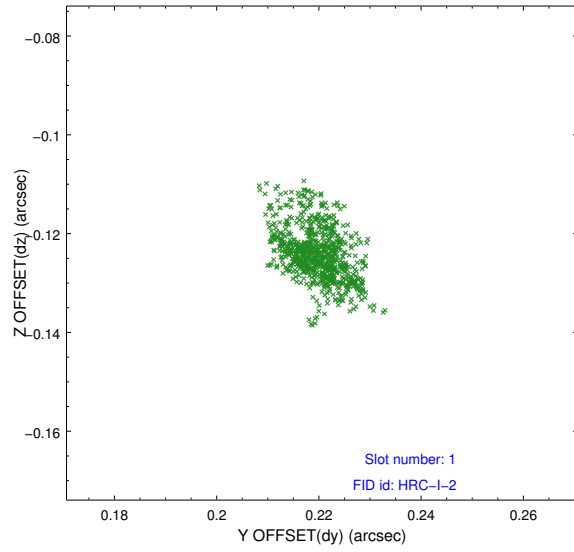


2.5 FID Slots

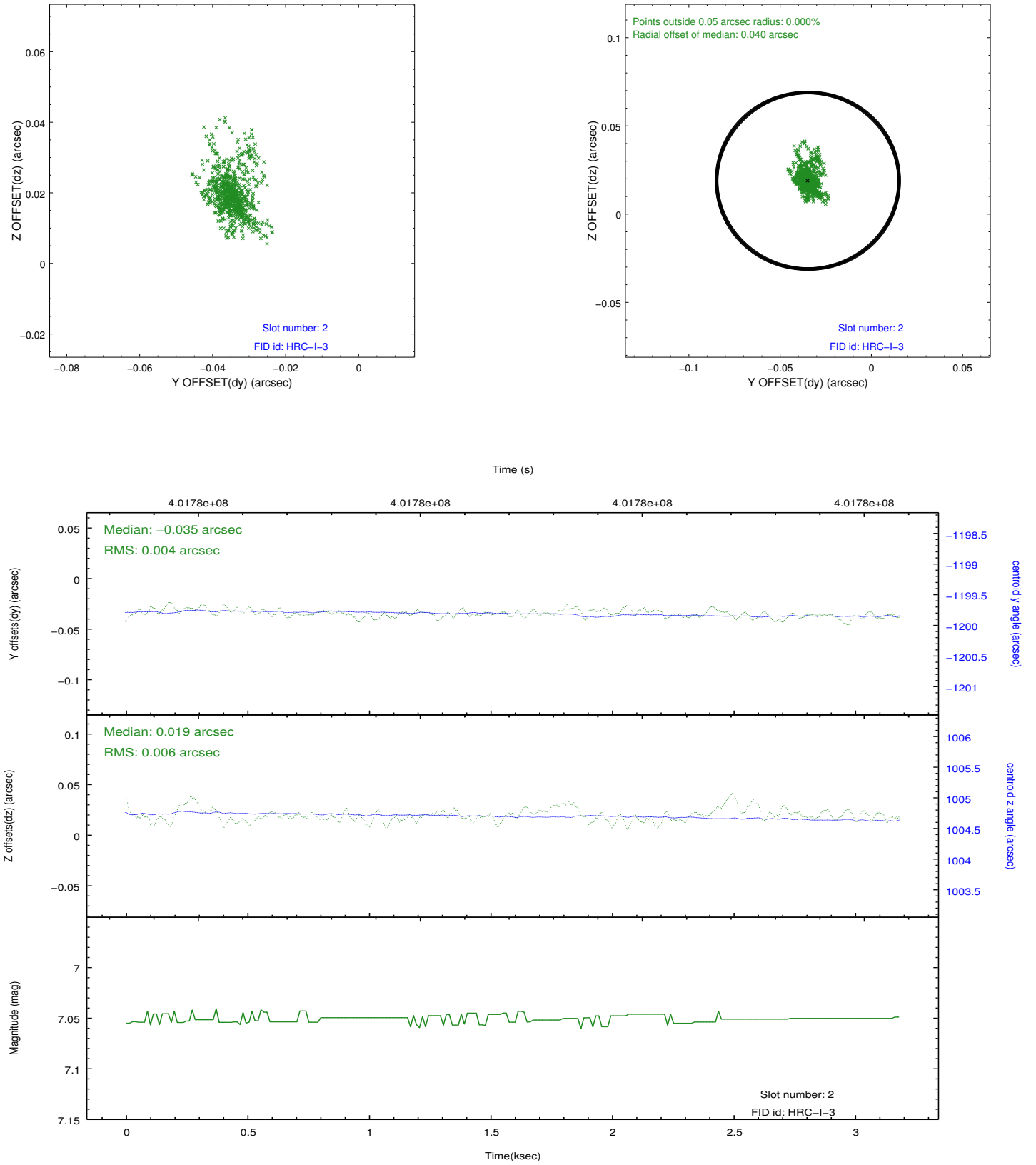
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1849314132929

A.2 Comments

Window preference met.