

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5075 - L2 Version 4
Chandra X-Ray Center

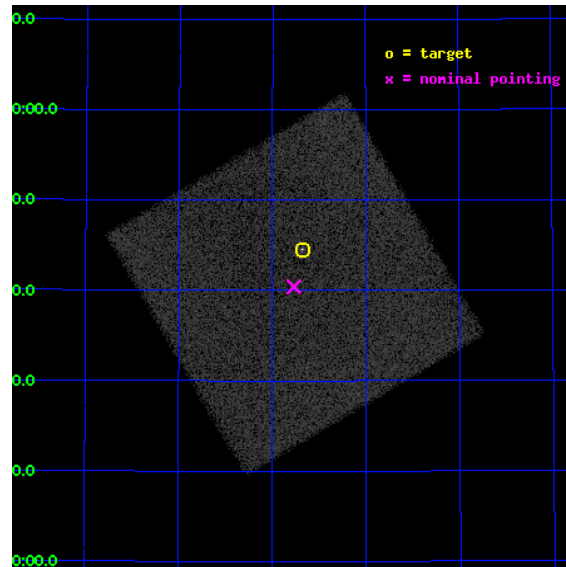
L2 Processing Date : Dec 11 2012

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1 Front

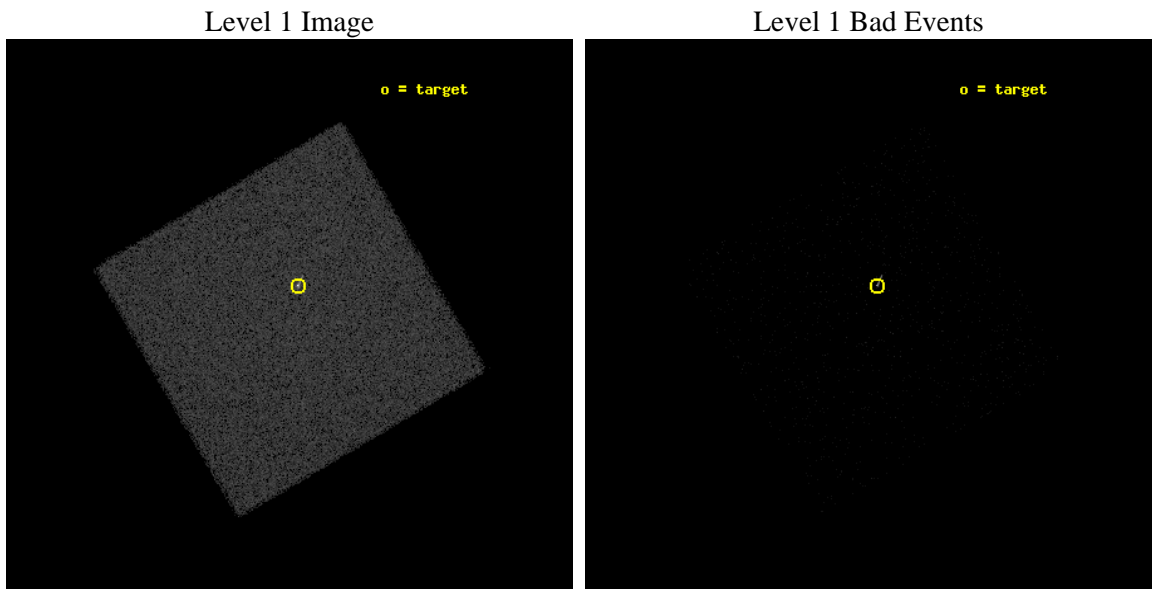
seq_num	290348	Sequence number
obs_id	5075	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1925783156	Nominal RA [deg]
dec_nom	45.673527705329	Nominal Dec [deg]
roll_nom	284.6035122001	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1081.6312986314	[s]
livetime	856.53889725119	Ontime multiplied by DTCOR
l2events	97504	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	900.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	1081.6312986314	[s]
caldbver	4.5.4	 	l1events	184838	Number of level 1 events
date	2012-12-11T23:50:40	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

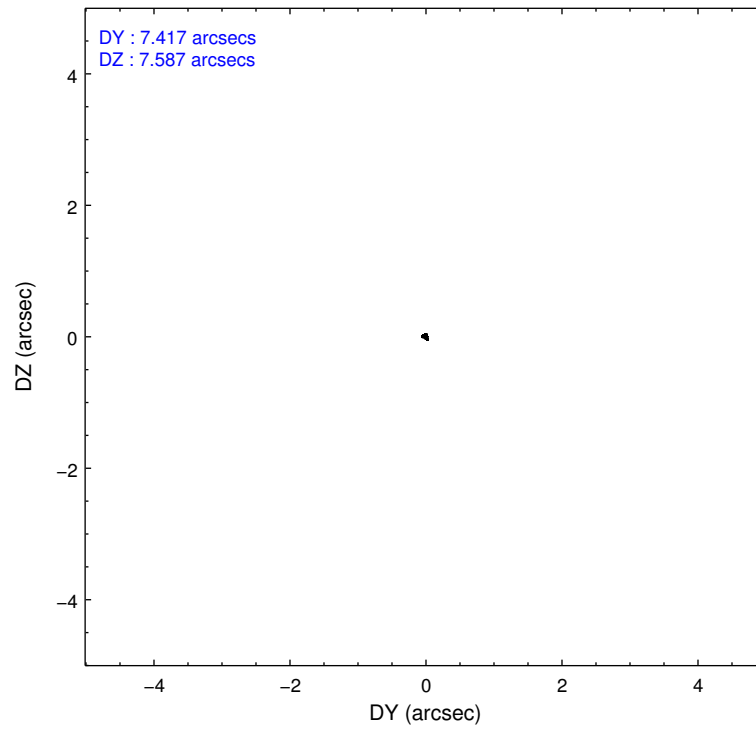
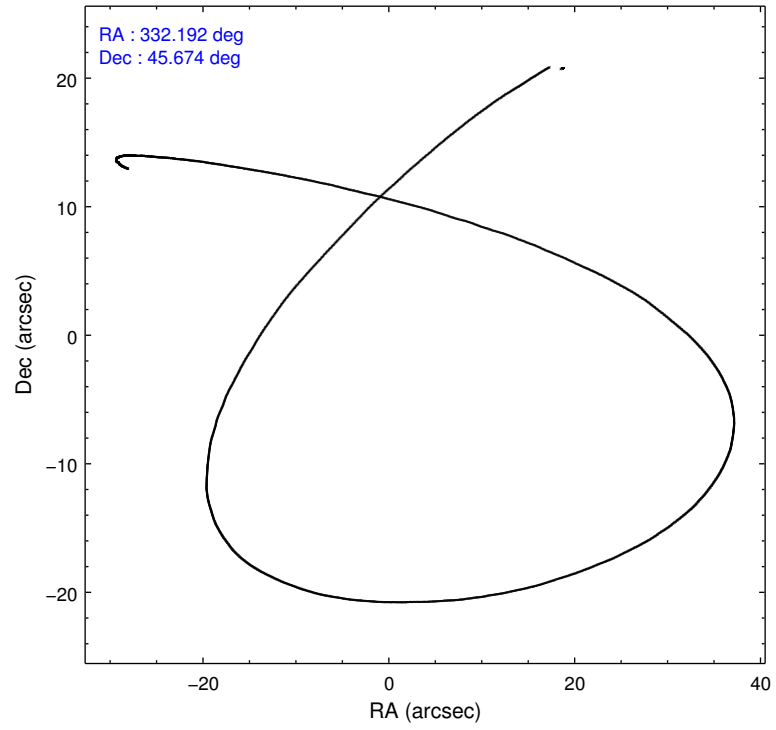
	segment 0
level 1 events	184838
rejected events	46373
rejected %	25%

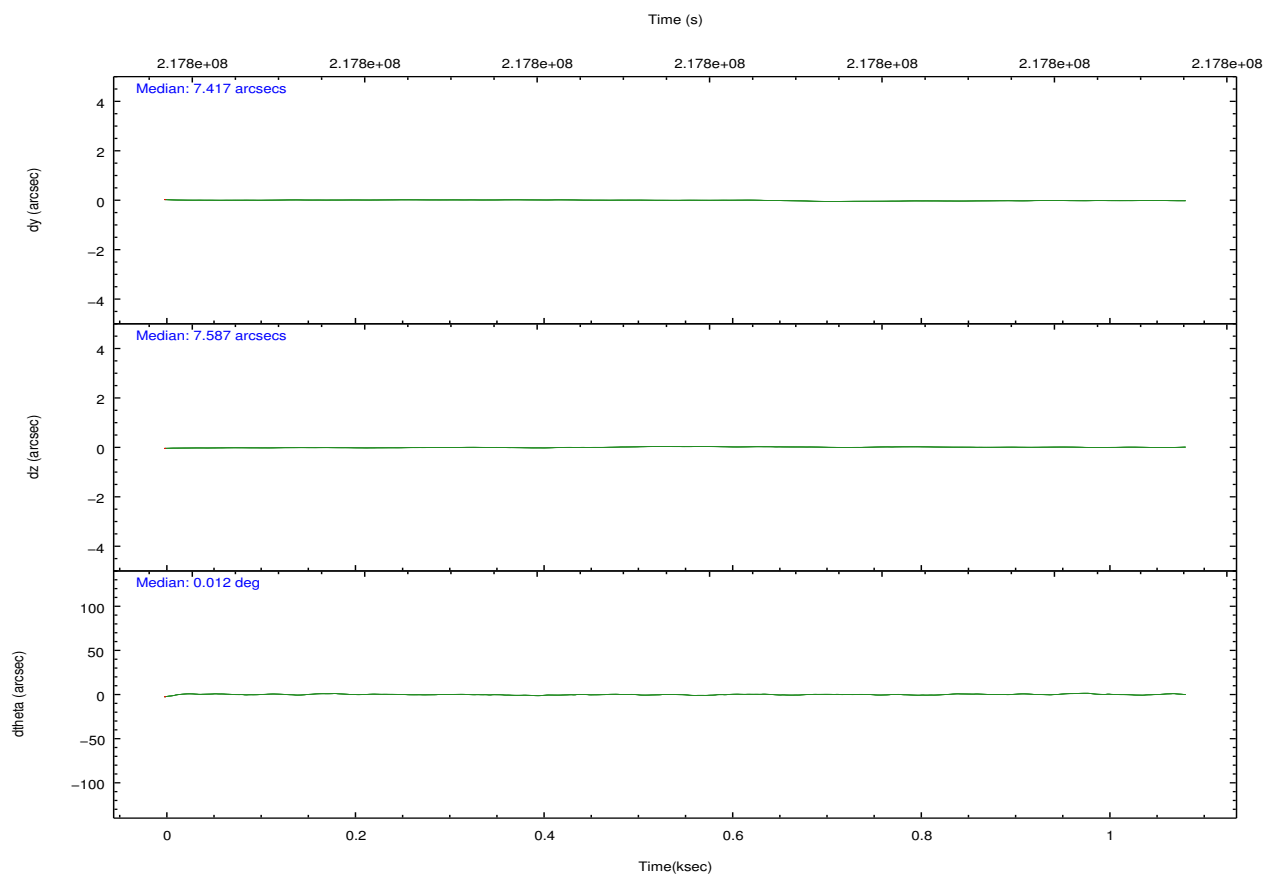
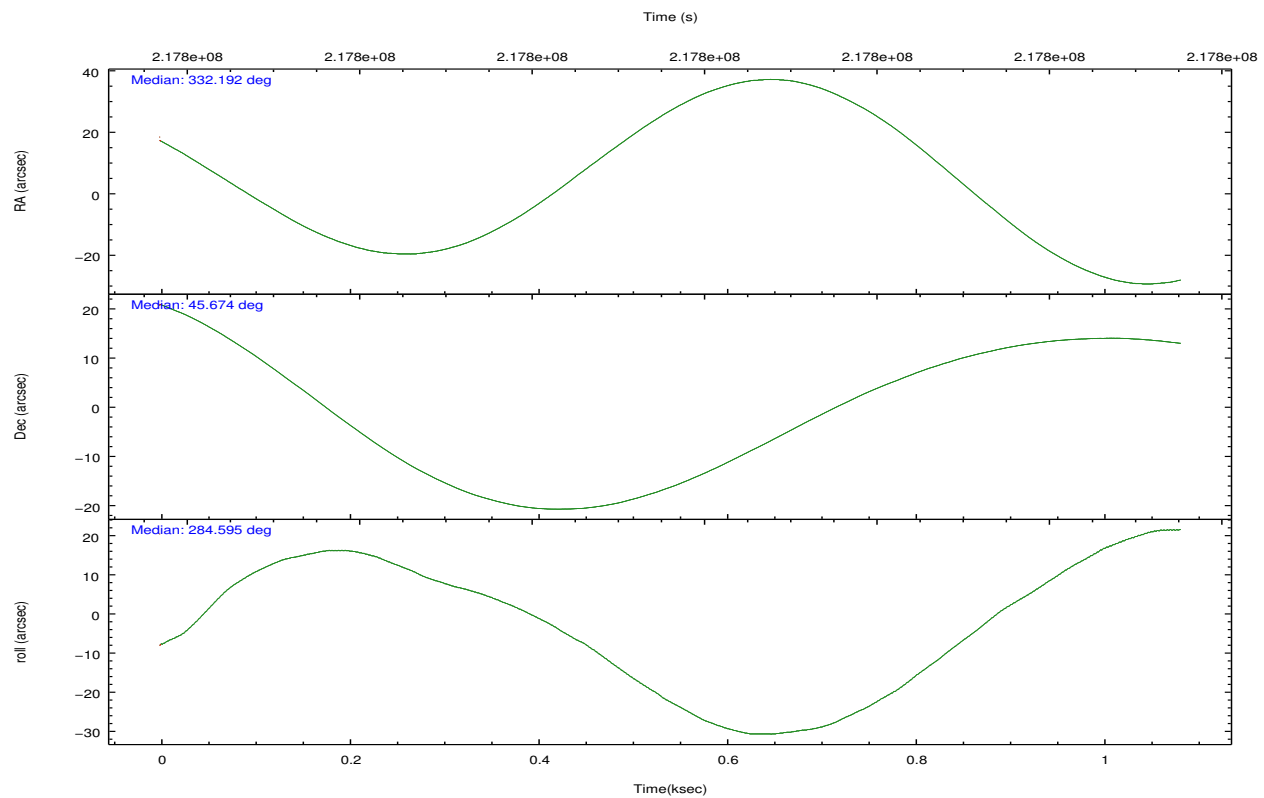
2.2 Compared Parameters

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	332.165517	332.1925783156038
[deg] Pointing Dec	45.692548	45.67352770532857
[deg] Pointing Roll	284.718435	284.603512200104
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	217795797.184000	217795421.14616
Observation start date	2004-11-25T18:48:53	2004-11-25T18:43:41
[s] Observation end time (MET)	217796697.184000	217796831.03372
Observation end date	2004-11-25T19:03:53	2004-11-25T19:07:11

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

2.3 Aspect



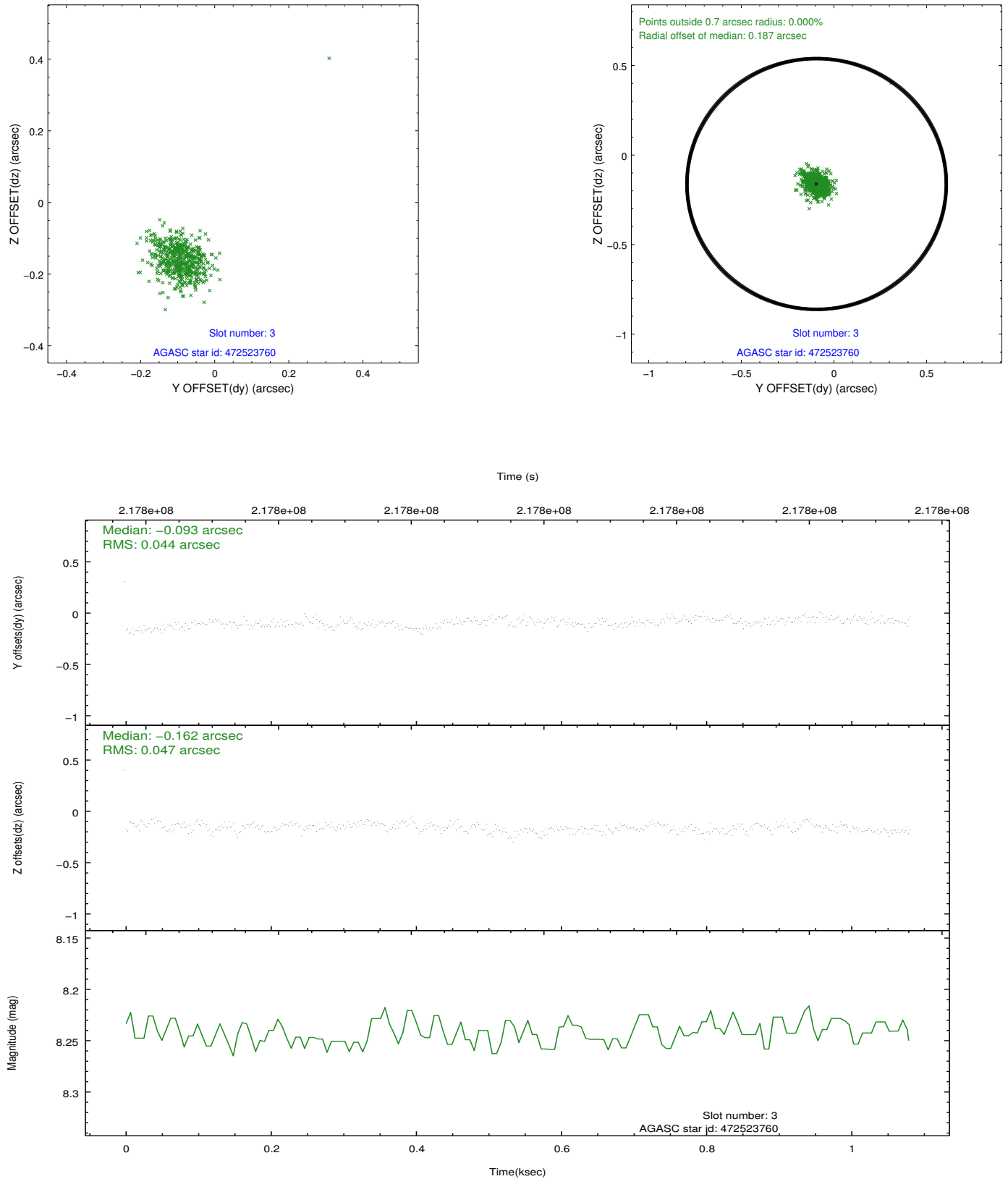


Slot Statistics

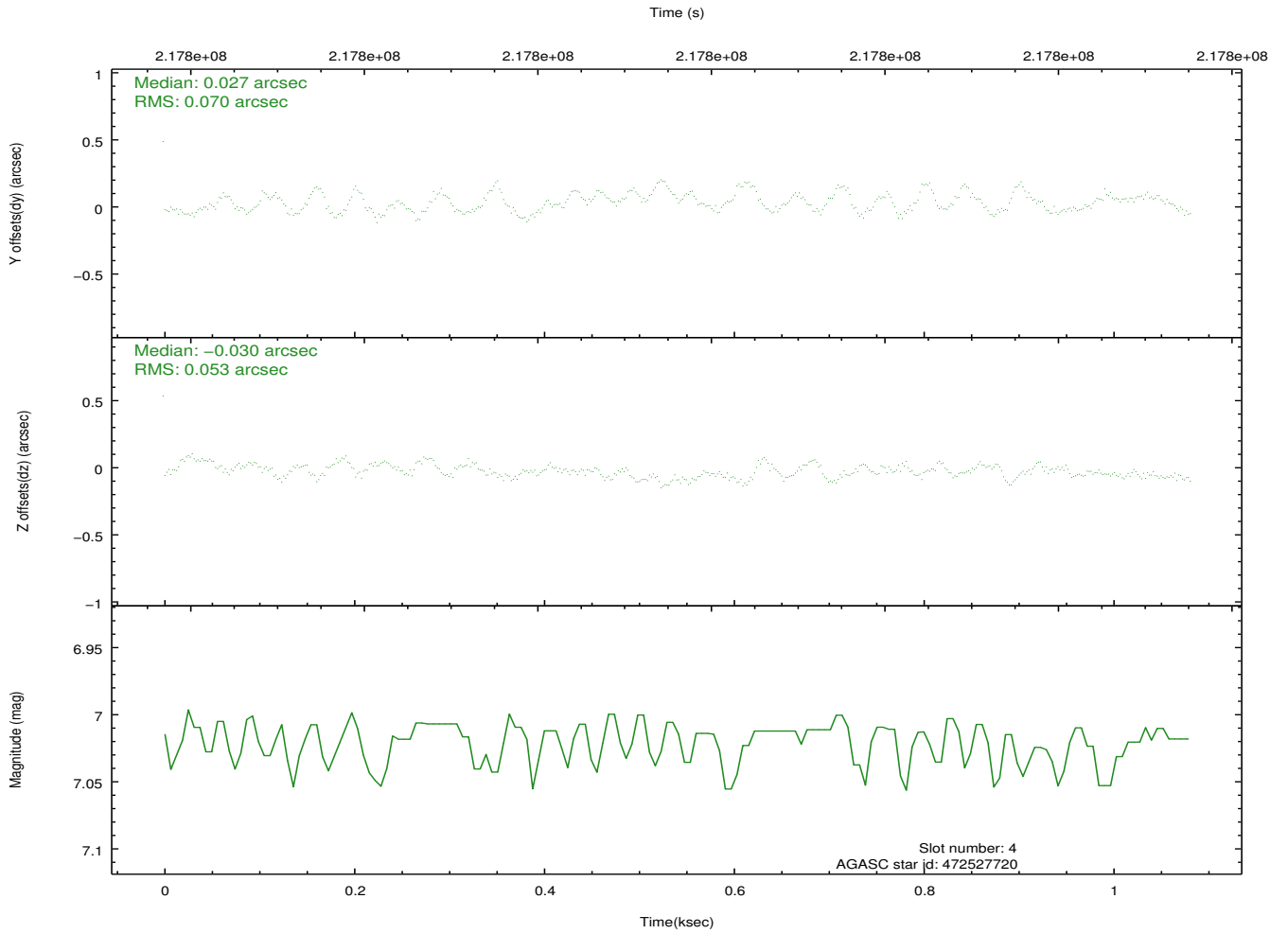
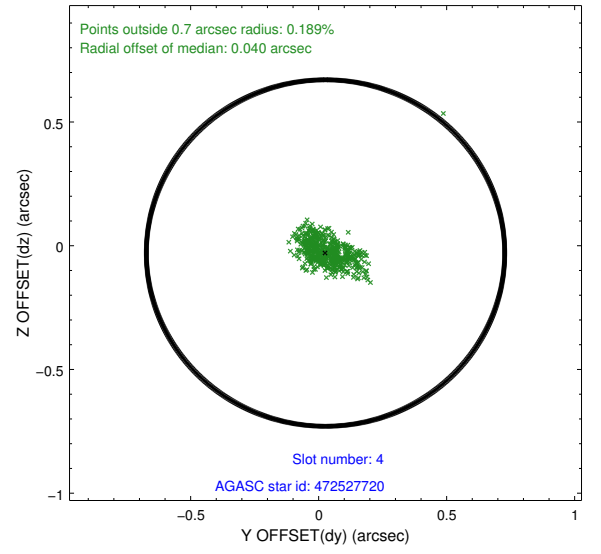
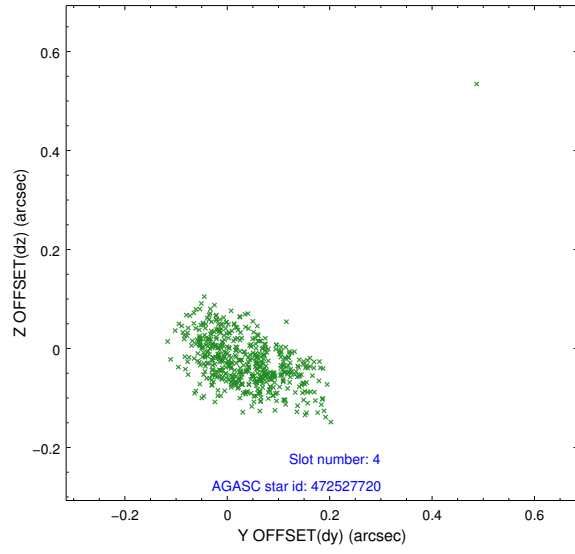
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	265	-0.020	-0.010	0.006	0.011	0.000000	0.000000	-763.12	-1295.46
1	FID	HRC-I-2	7.05	265	0.111	-0.074	0.008	0.012	0.000000	0.000000	846.77	-1302.09
2	FID	HRC-I-4	7.05	265	0.025	-0.009	0.005	0.009	0.000000	0.000000	1283.07	1001.66
3	GUIDE	472523760	8.24	529	-0.093	-0.162	0.060	0.101	331.645363	45.403260	669.61	-1532.99
4	GUIDE	472527720	7.02	529	0.027	-0.030	0.087	0.143	331.460205	45.112509	1558.80	-2262.12
5	GUIDE	472654568	9.44	526	0.116	0.070	0.115	0.183	332.194449	45.063576	2212.20	-505.88
6	GUIDE	472655152	9.44	529	0.001	0.067	0.103	0.191	332.504239	45.862991	-375.06	978.94
7	GUIDE	472659832	9.46	527	-0.060	0.068	0.103	0.171	332.780399	46.098139	-1028.80	1861.02

2.4 Star Slots

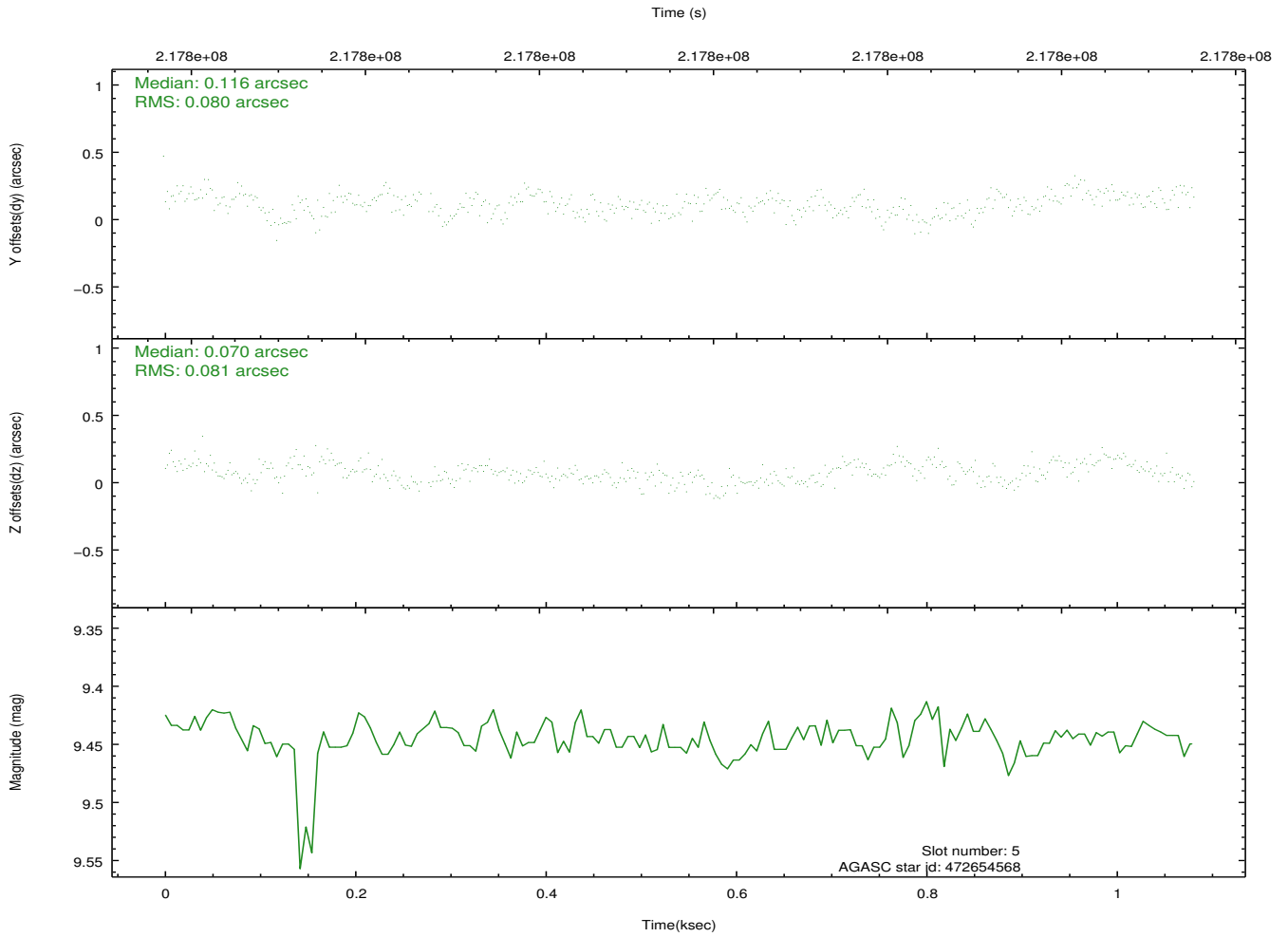
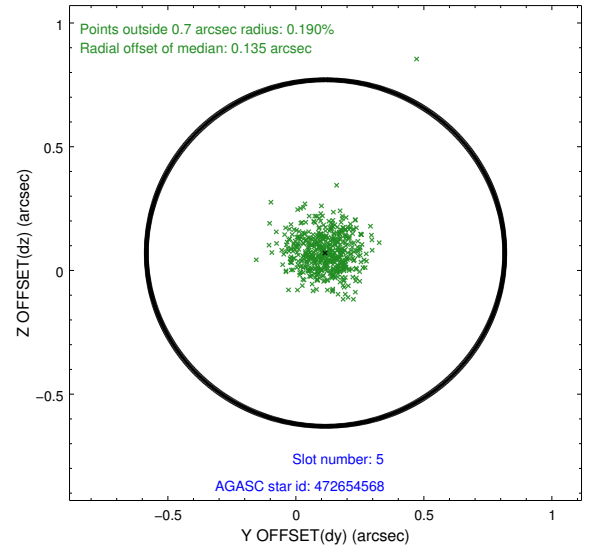
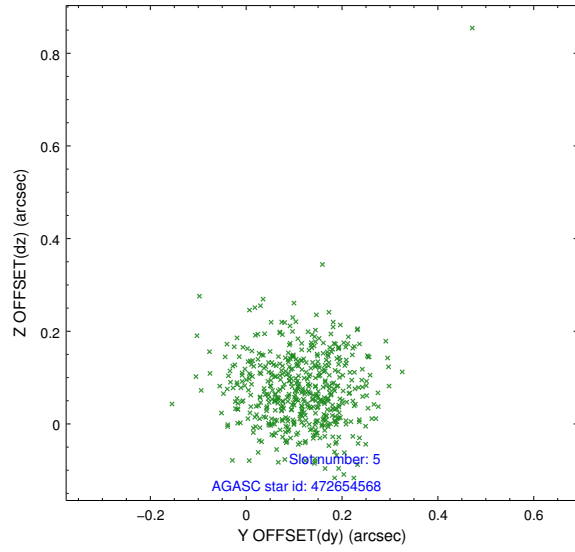
2.4.1 Slot 3



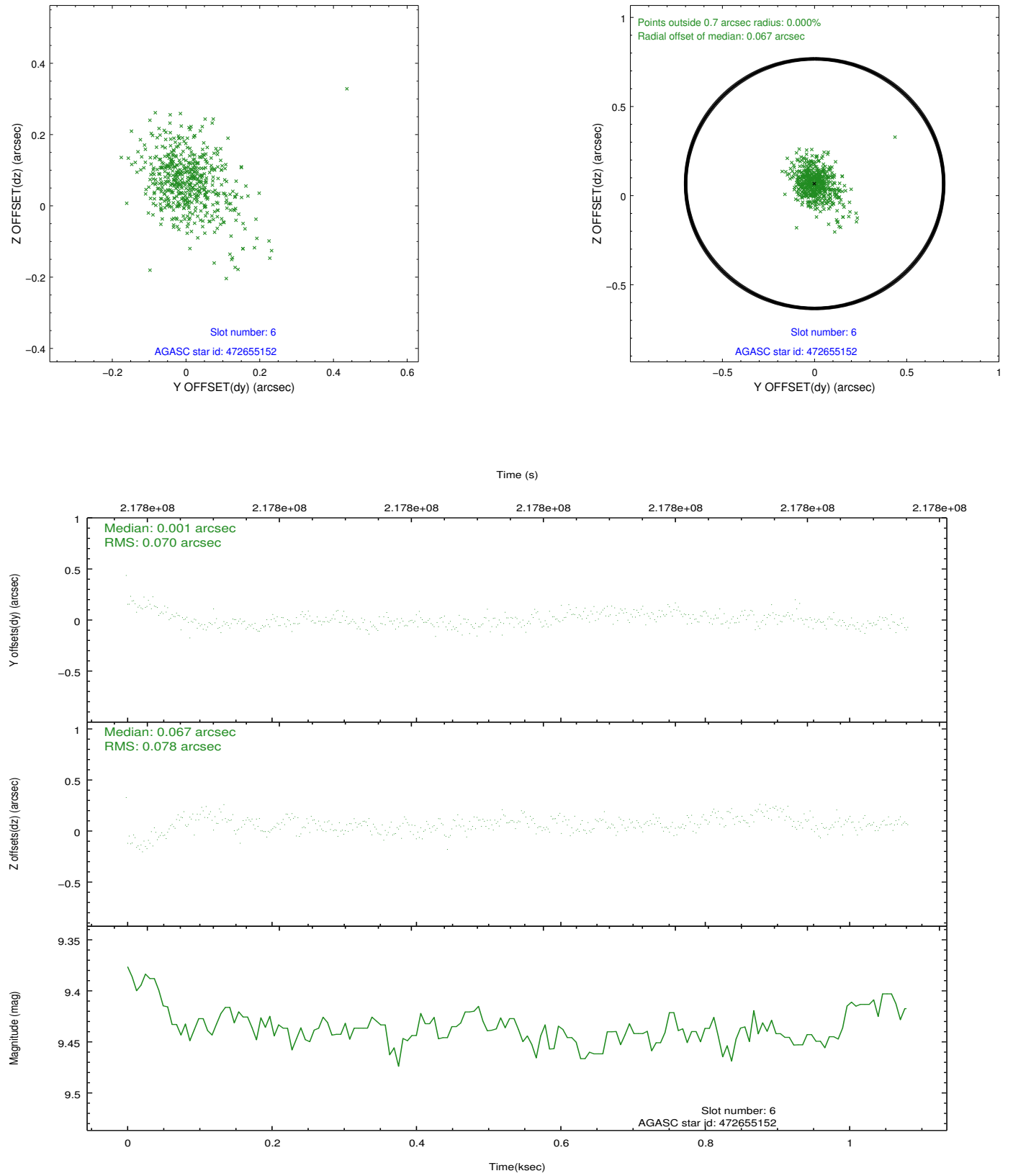
2.4.2 Slot 4



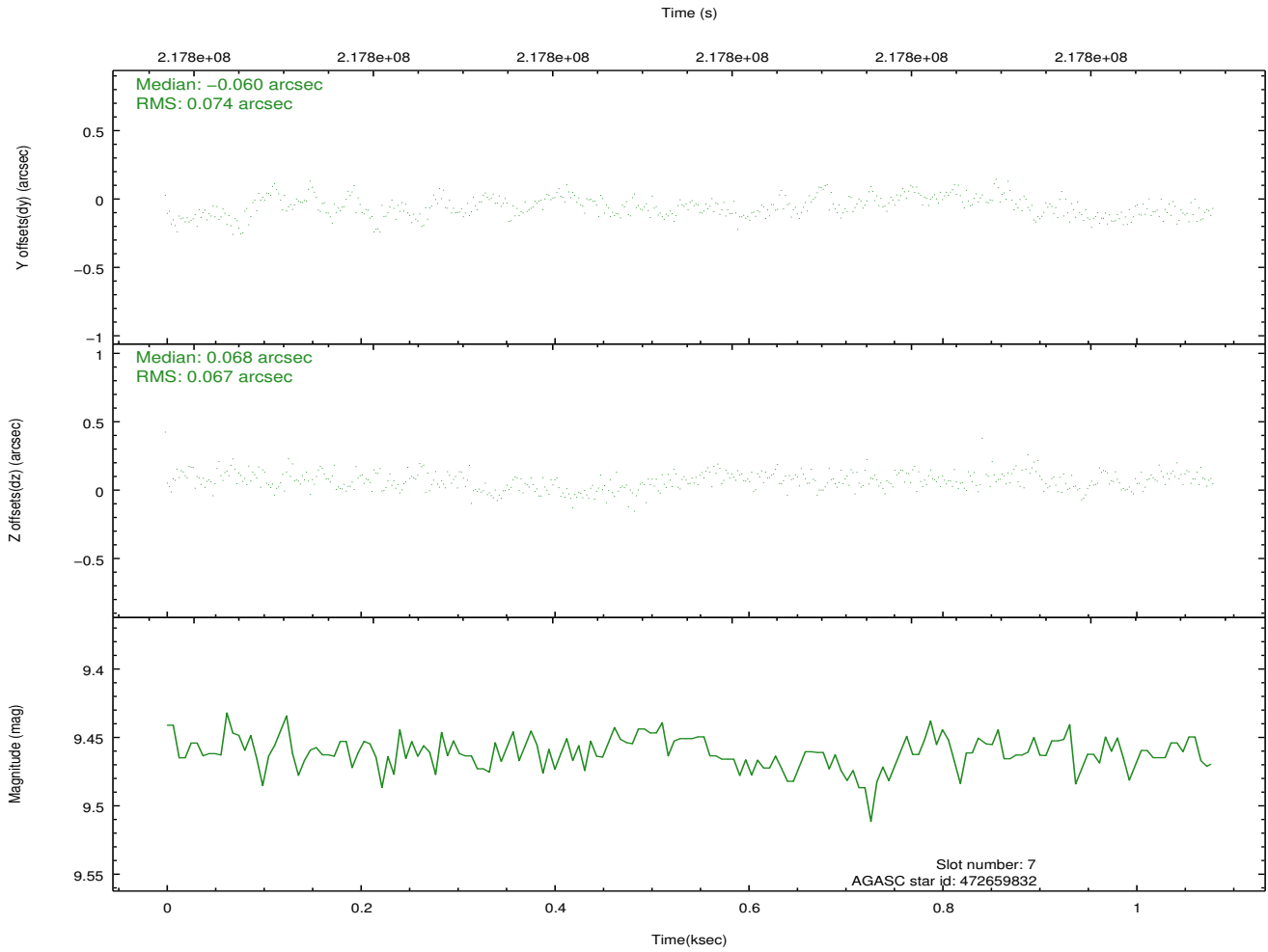
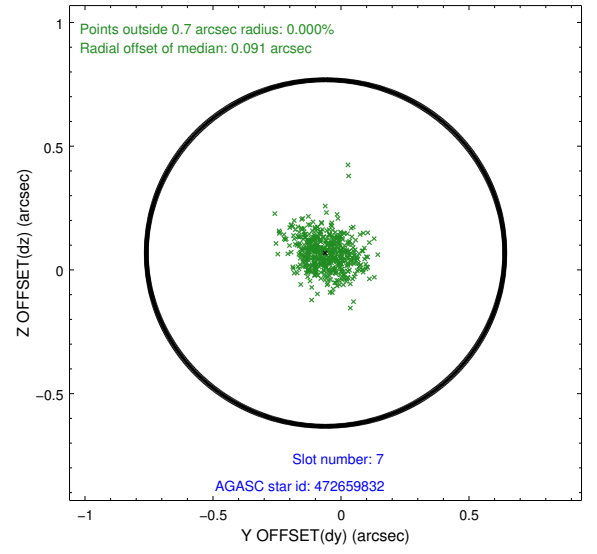
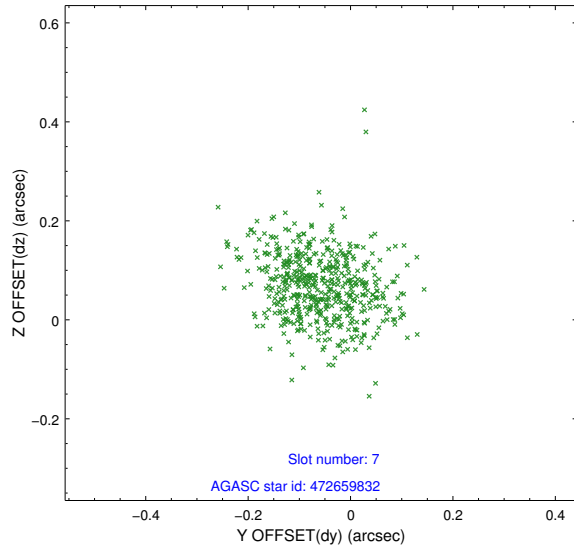
2.4.3 Slot 5



2.4.4 Slot 6

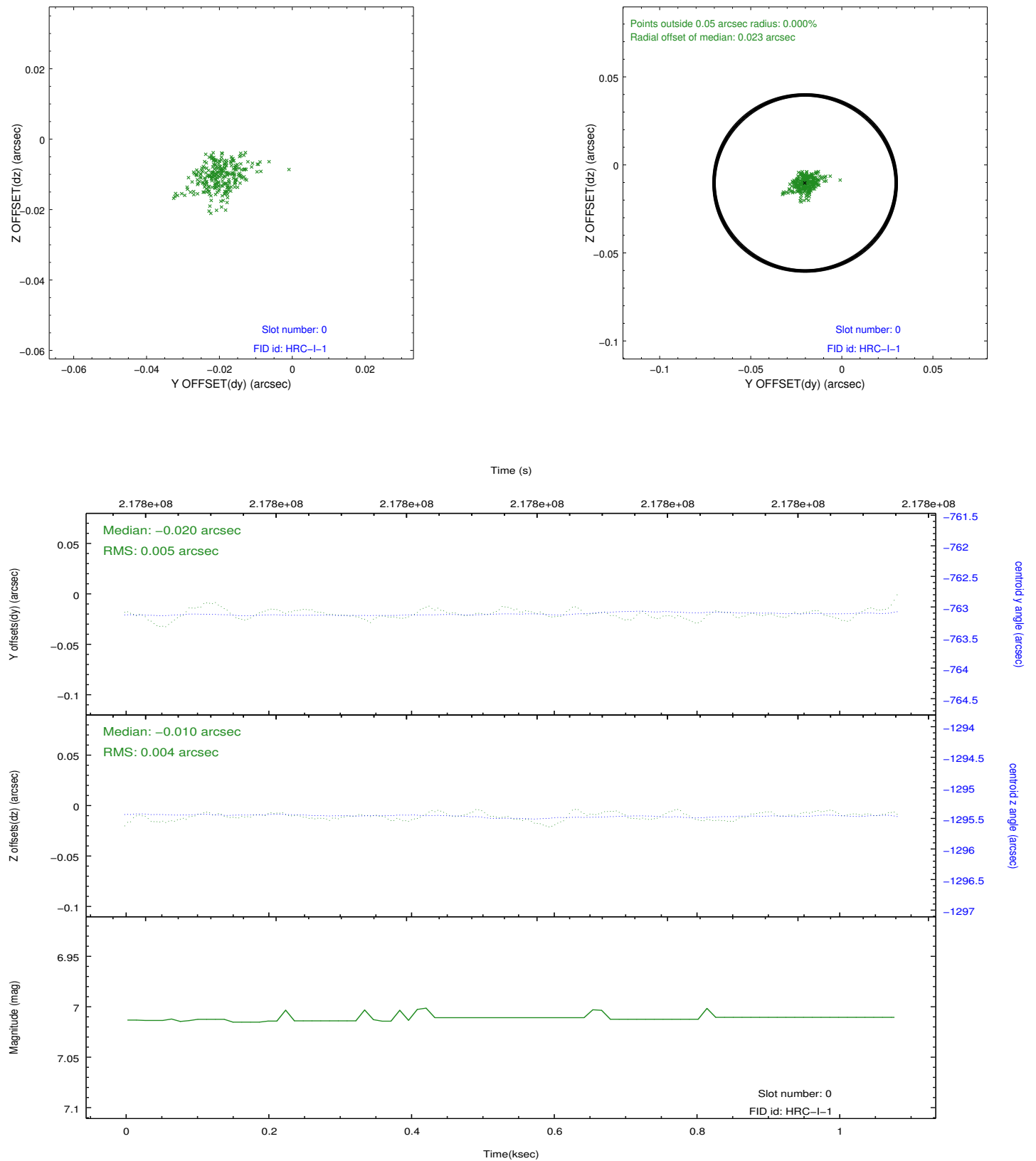


2.4.5 Slot 7

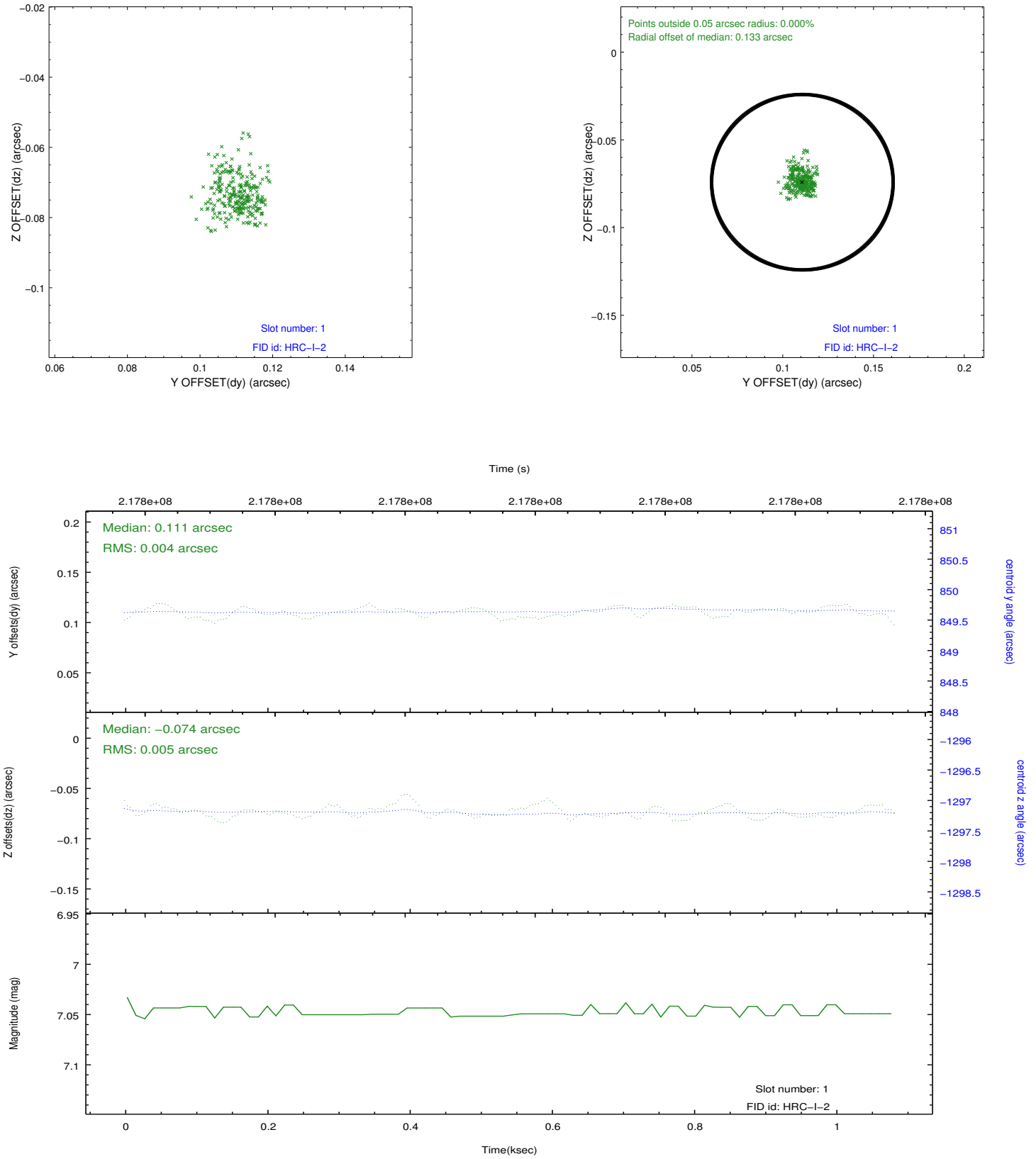


2.5 FID Slots

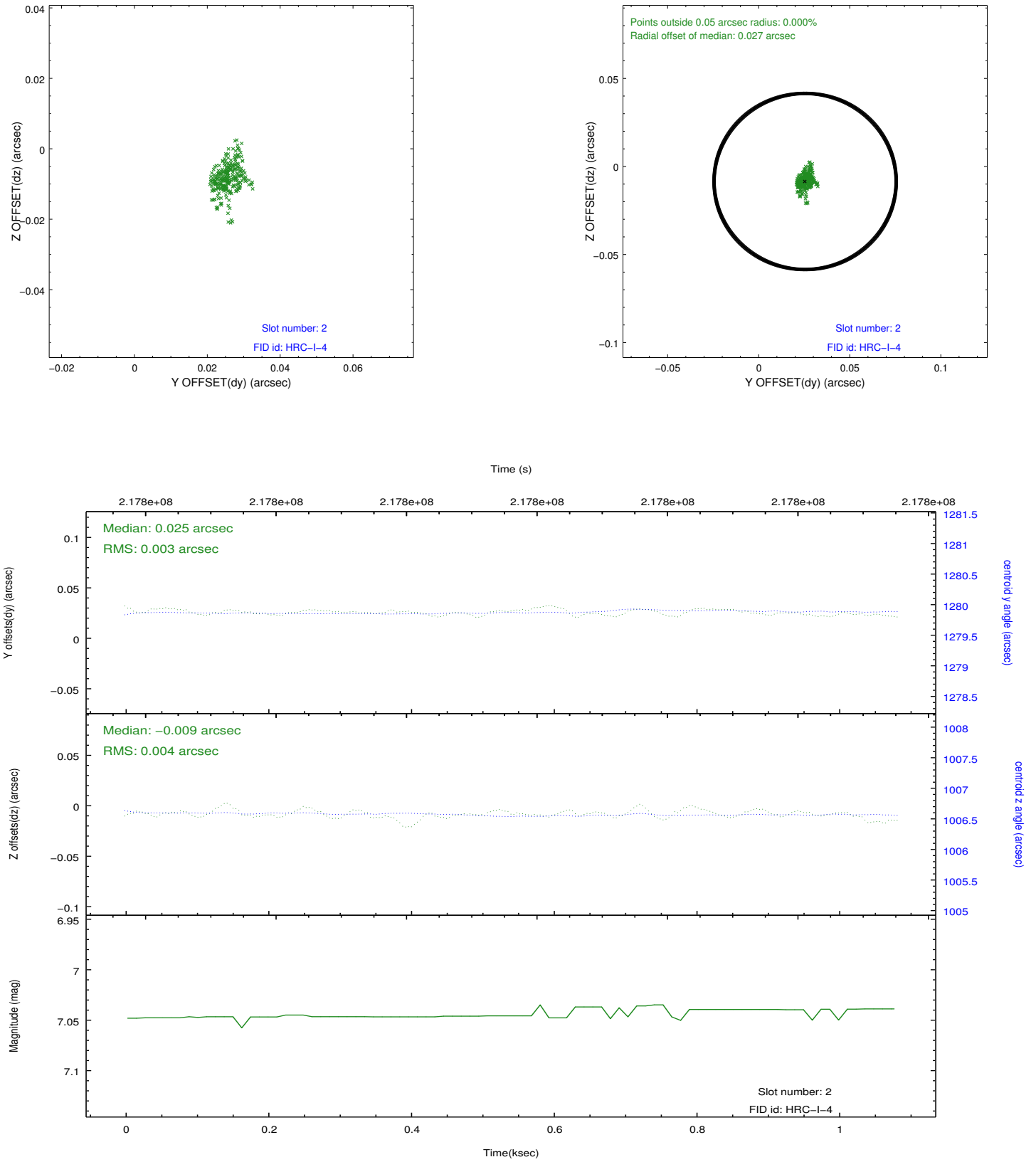
2.5.1 Slot 0



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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.081631

A.2 Comments