

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5065 - L2 Version 4
Chandra X-Ray Center

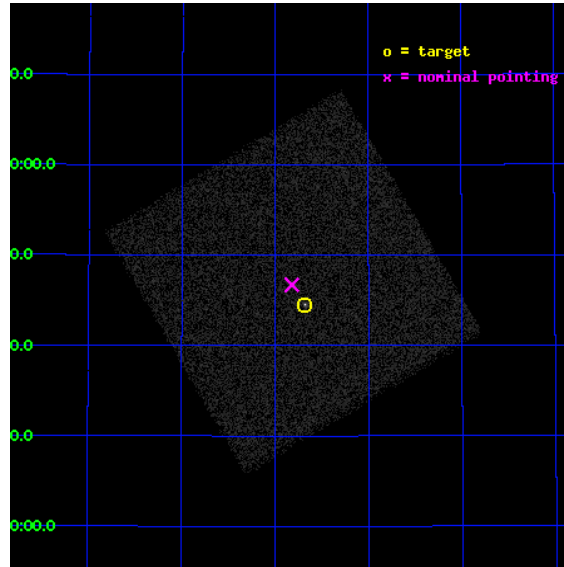
L2 Processing Date : Dec 11 2012

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1 Front

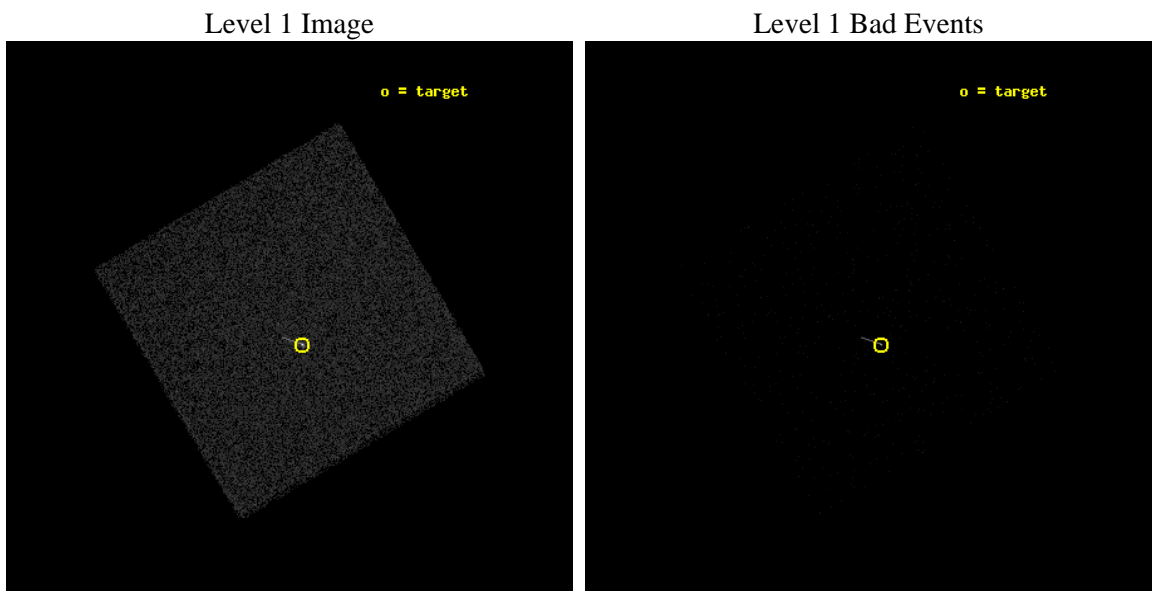
seq_num	290338	Sequence number
obs_id	5065	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.20512512004	Nominal RA [deg]
dec_nom	45.779139234948	Nominal Dec [deg]
roll_nom	284.42111468556	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1089.8312989771	[s]
livetime	1082.0452019113	Ontime multiplied by DTCOR
l2events	43334	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	1089.8312989771	[s]
caldbver	4.5.4	 	l1events	81641	Number of level 1 events
date	2012-12-11T23:42:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

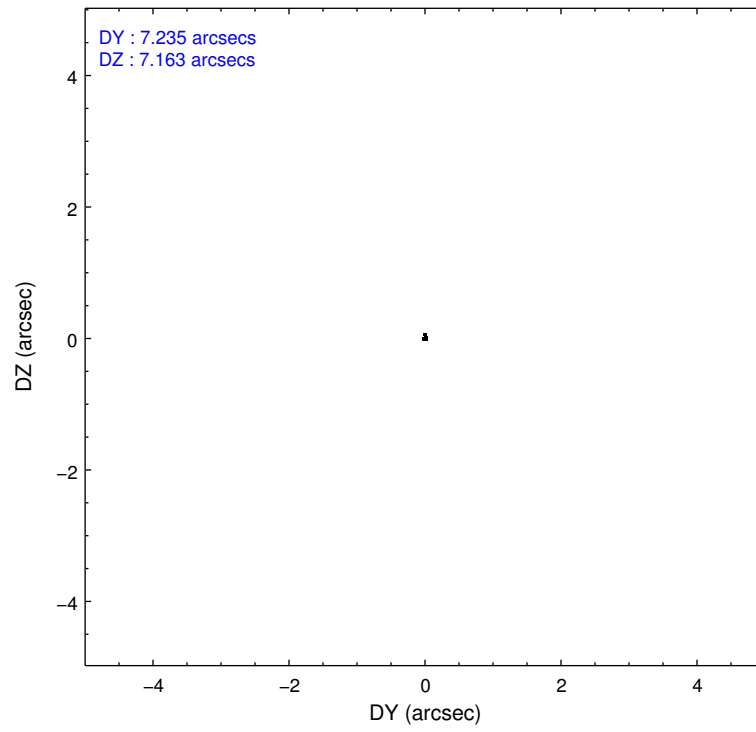
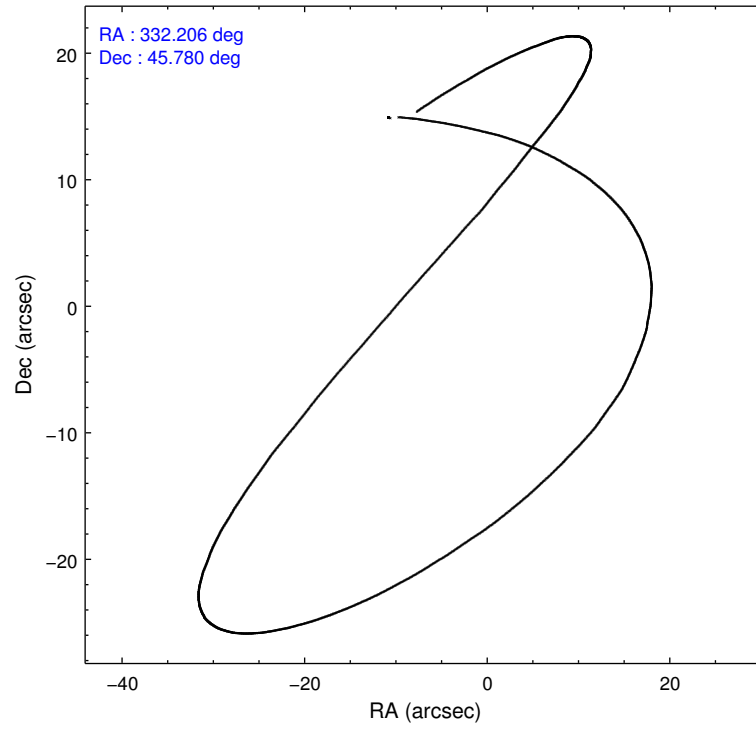
Level 1 Events

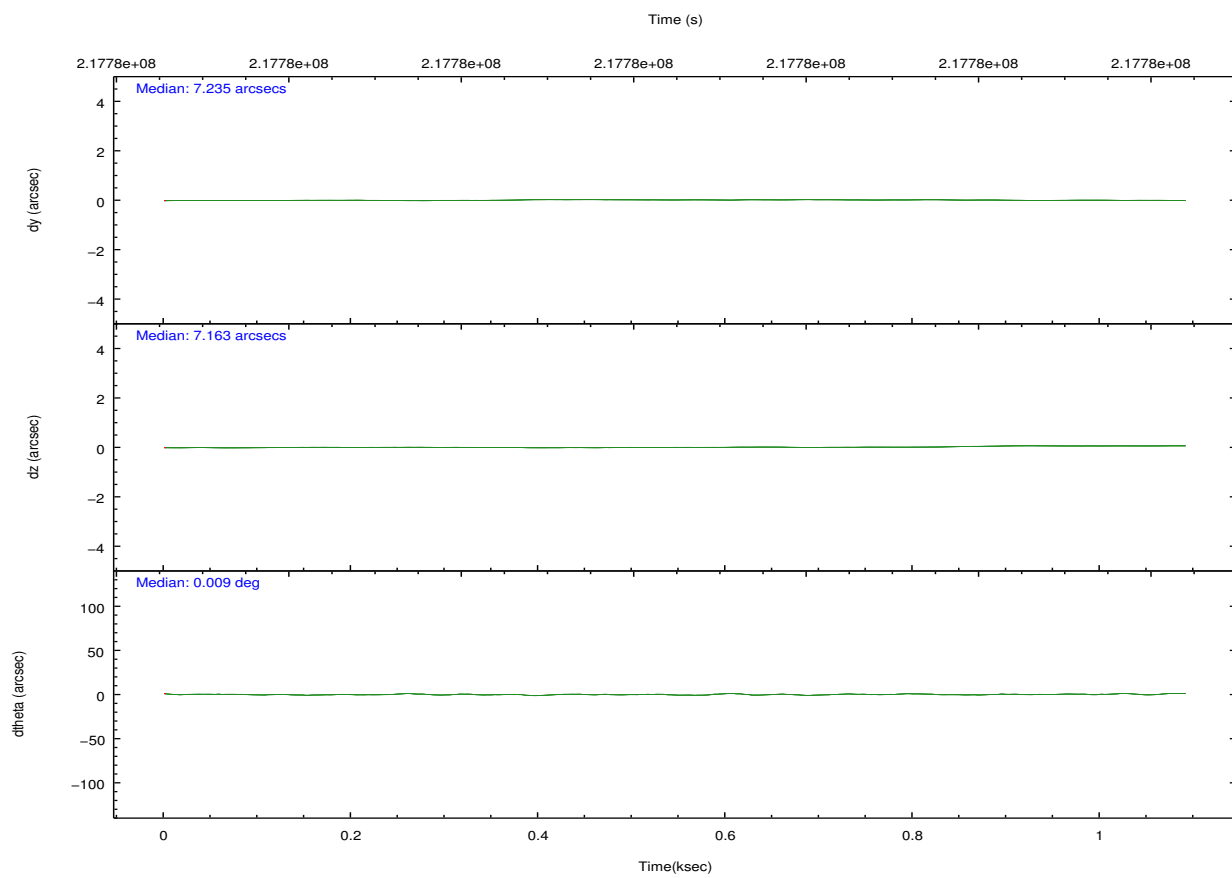
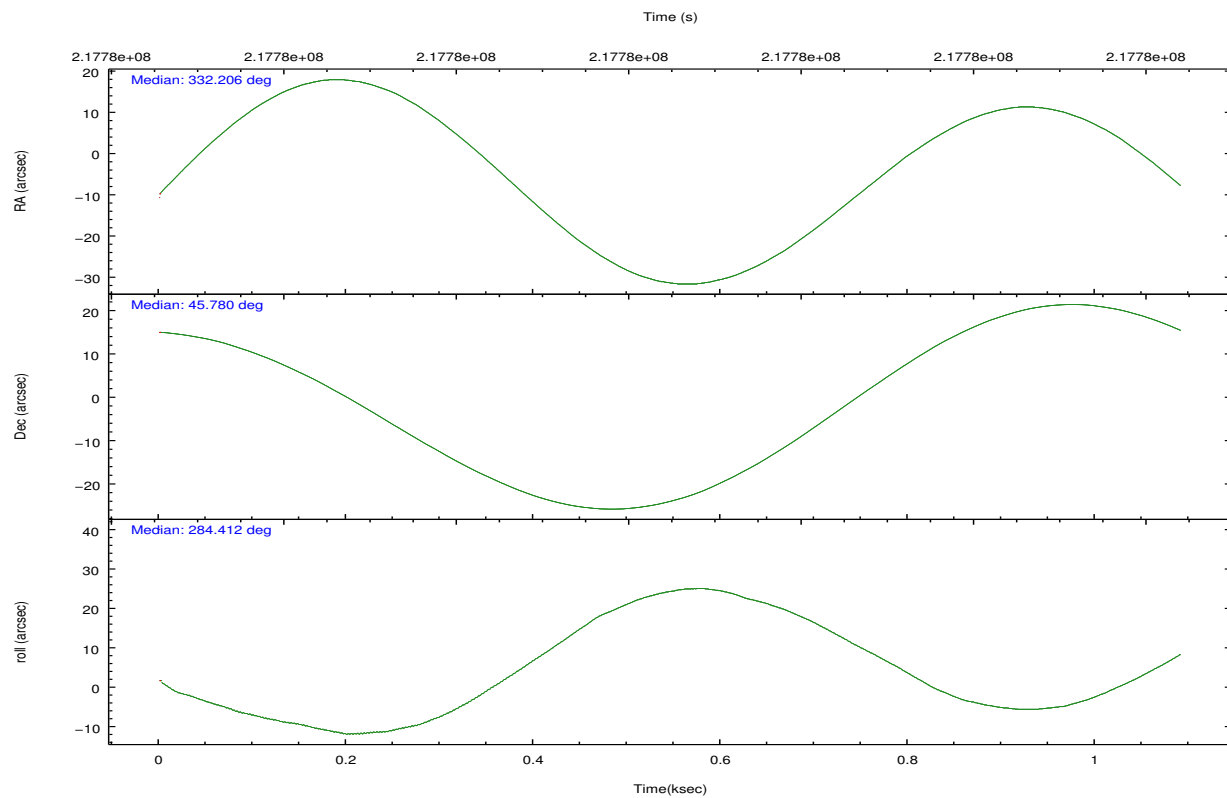
	segment 0
level 1 events	81641
rejected events	18697
rejected %	22%

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	332.175554	332.2051251200378			
[deg] Pointing Dec	45.797718	45.77913923494798			
[deg] Pointing Roll	284.537824	284.4211146855599			
[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)	217781697.184000	217781320.73302			
Observation start date	2004-11-25T14:53:53	2004-11-25T14:48:40			
[s] Observation end time (MET)	217782597.184000	217782731.13309			
Observation end date	2004-11-25T15:08:53	2004-11-25T15:12:11			

2.3 Aspect



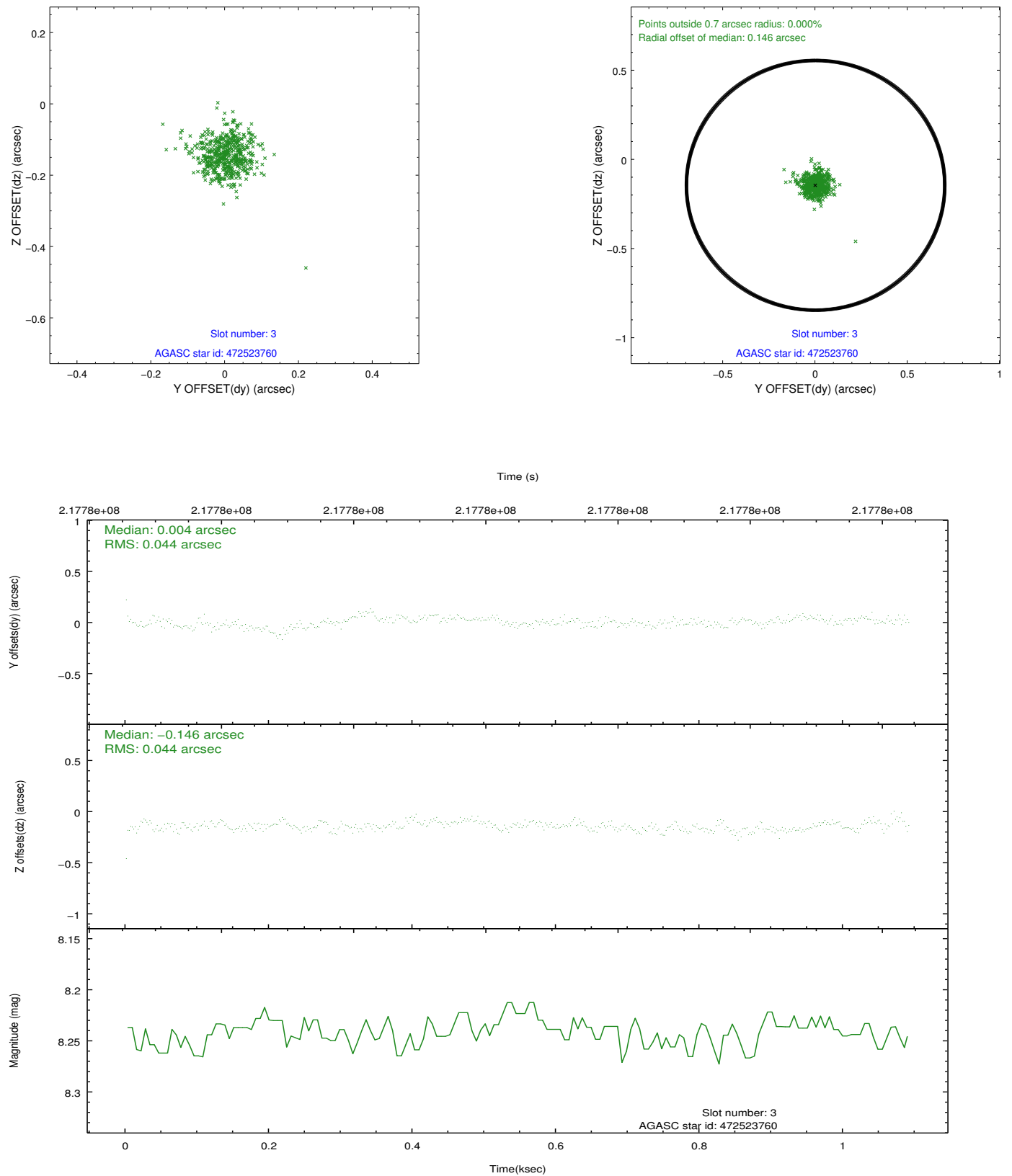


Slot Statistics

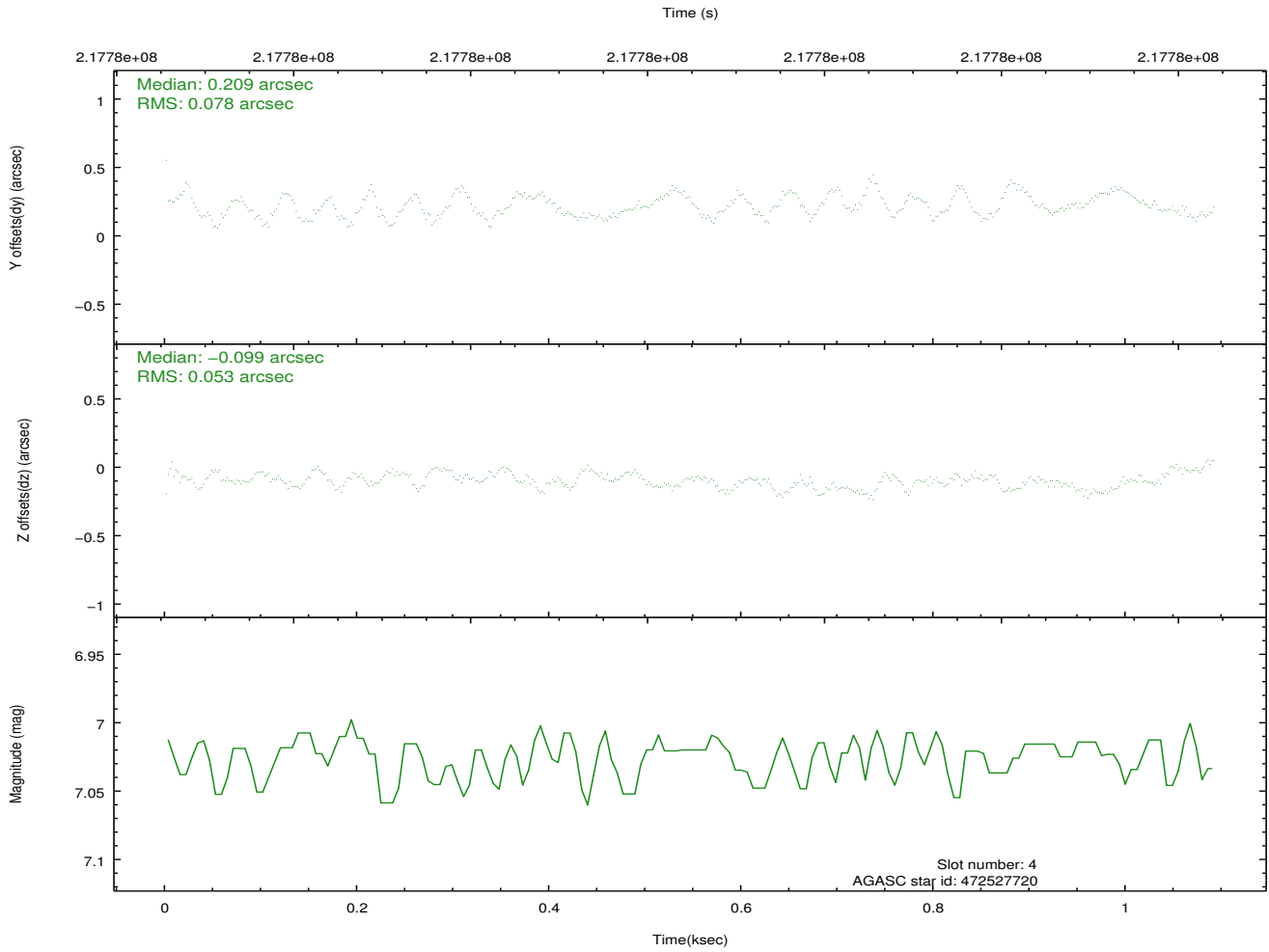
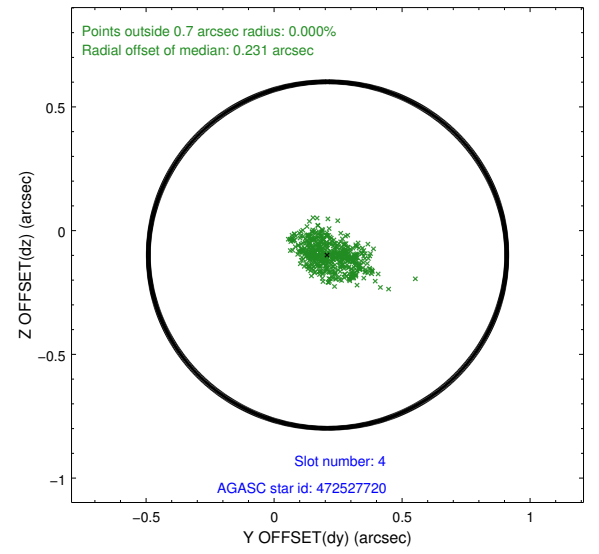
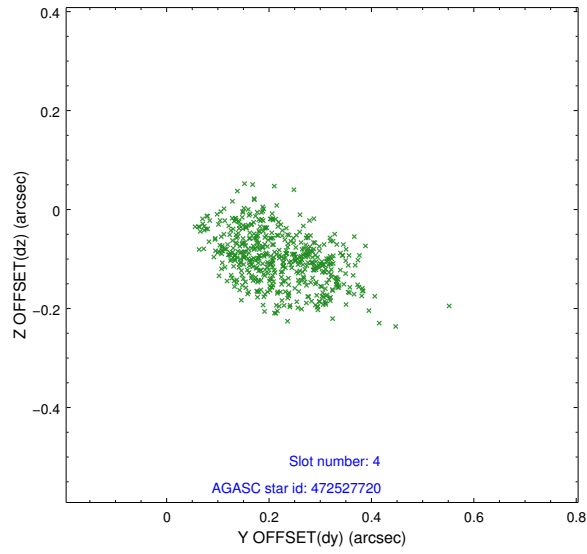
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	267	0.008	0.011	0.007	0.010	0.000000	0.000000	-762.82	-1295.07
1	FID	HRC-I-2	7.05	267	0.121	-0.095	0.005	0.009	0.000000	0.000000	847.06	-1301.59
2	FID	HRC-I-3	7.10	267	-0.009	-0.006	0.005	0.009	0.000000	0.000000	-1188.15	1004.61
3	GUIDE	472523760	8.24	533	0.004	-0.146	0.063	0.102	331.645363	45.403260	1034.52	-1656.75
4	GUIDE	472527720	7.02	533	0.209	-0.099	0.102	0.159	331.460205	45.112509	1926.66	-2383.53
5	GUIDE	472533912	9.15	532	-0.095	0.112	0.090	0.152	331.791136	46.368695	-2227.72	-416.69
6	GUIDE	472659832	9.46	532	0.036	0.059	0.098	0.157	332.780399	46.098139	-677.53	1729.52
7	GUIDE	472659736	9.39	532	-0.172	0.077	0.117	0.209	332.848312	46.590160	-2352.05	2327.92

2.4 Star Slots

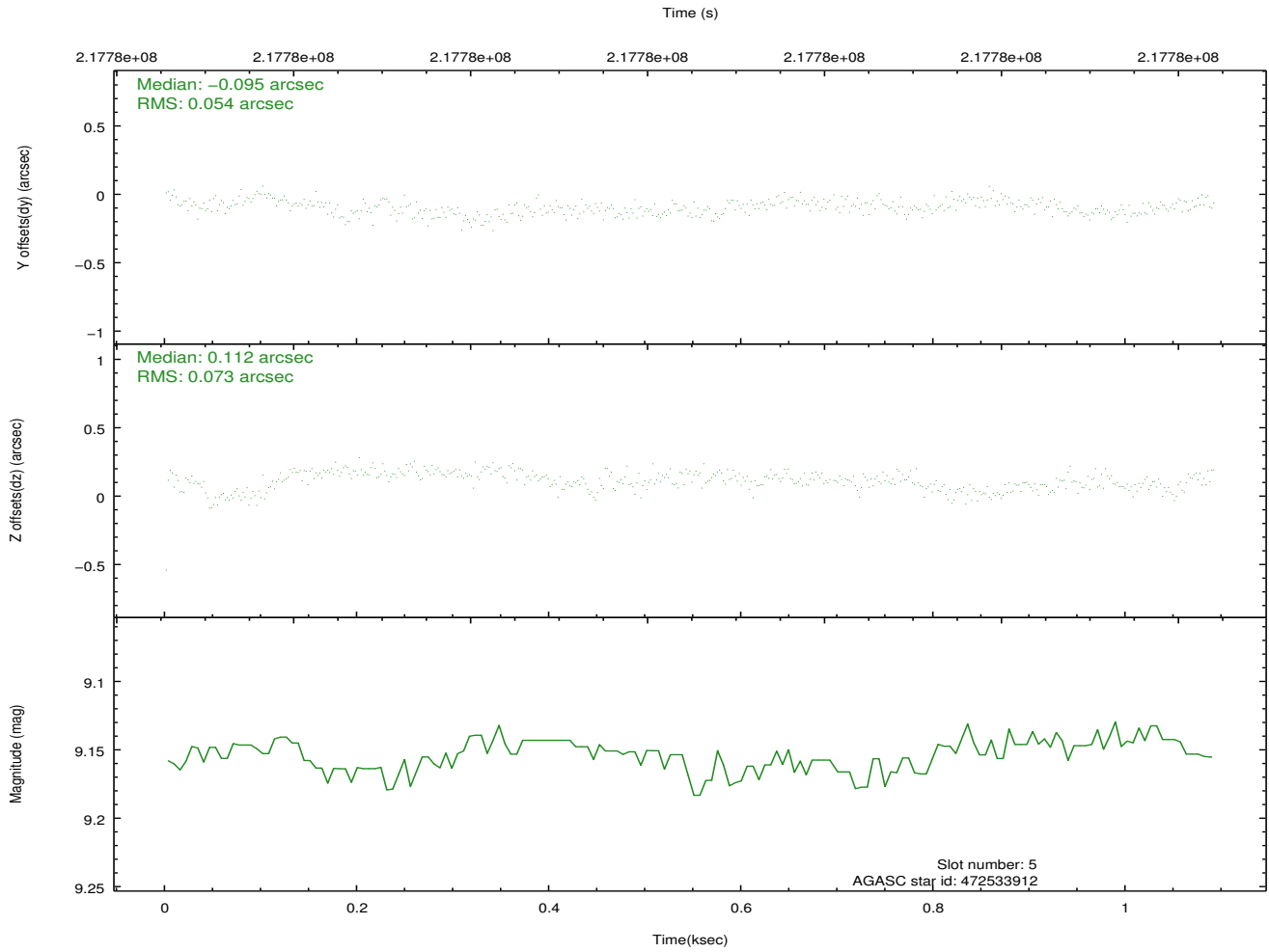
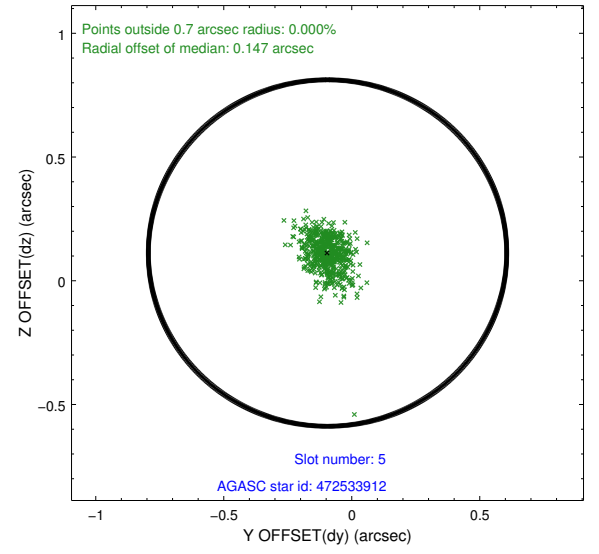
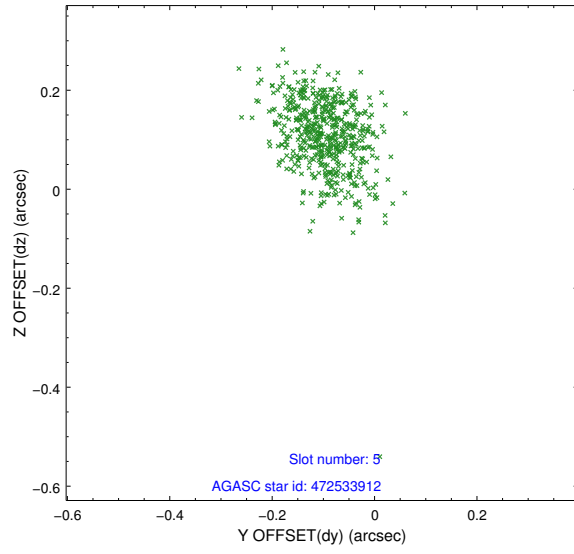
2.4.1 Slot 3



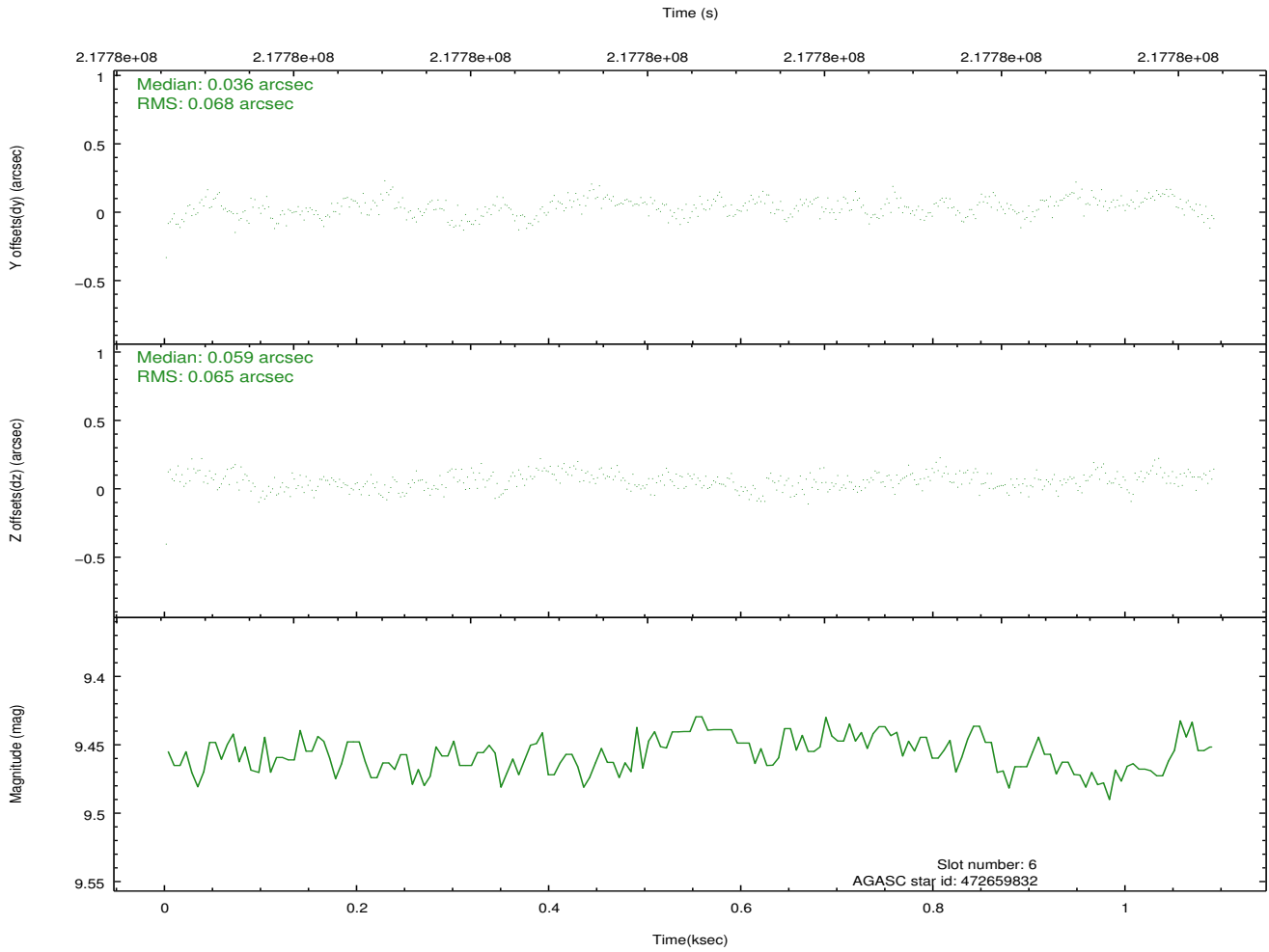
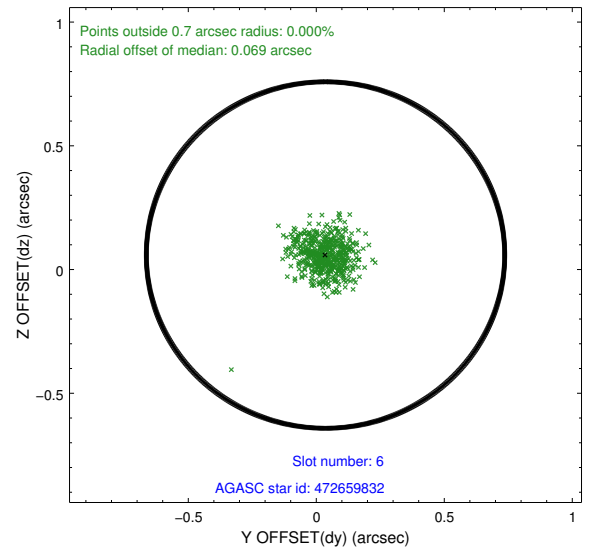
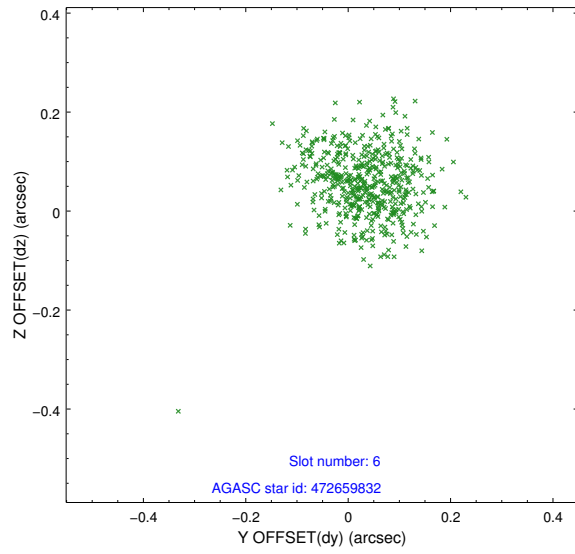
2.4.2 Slot 4



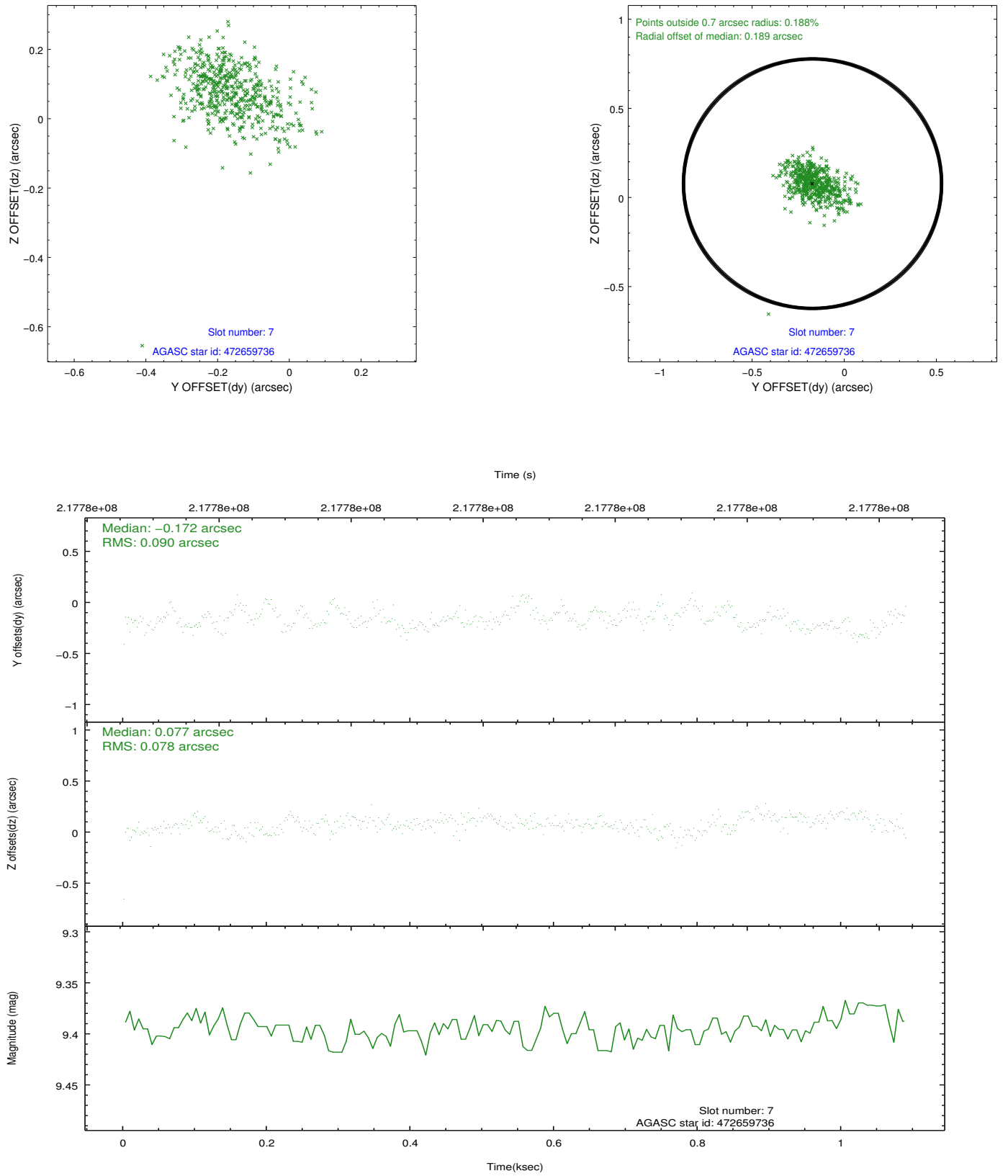
2.4.3 Slot 5



2.4.4 Slot 6

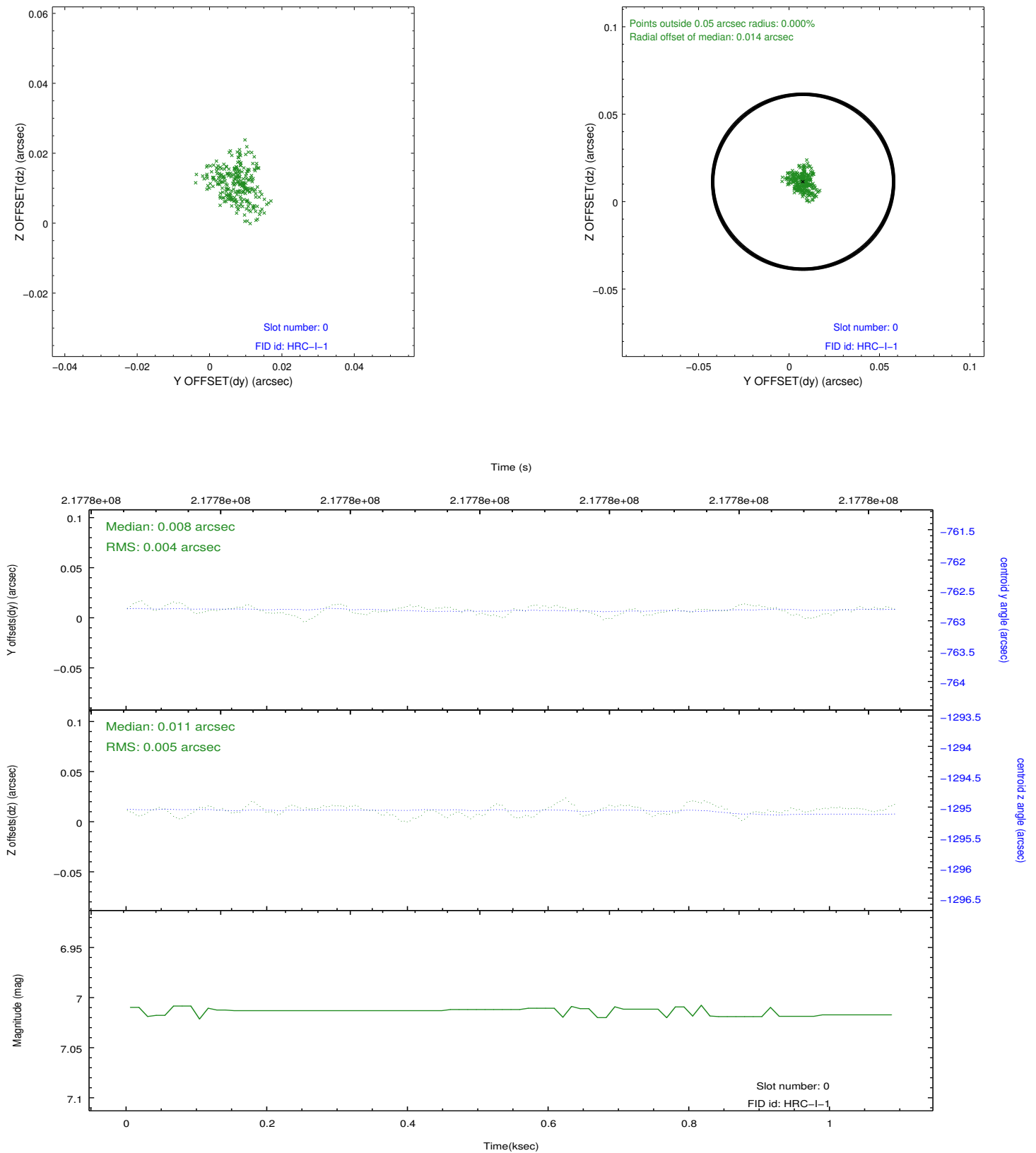


2.4.5 Slot 7

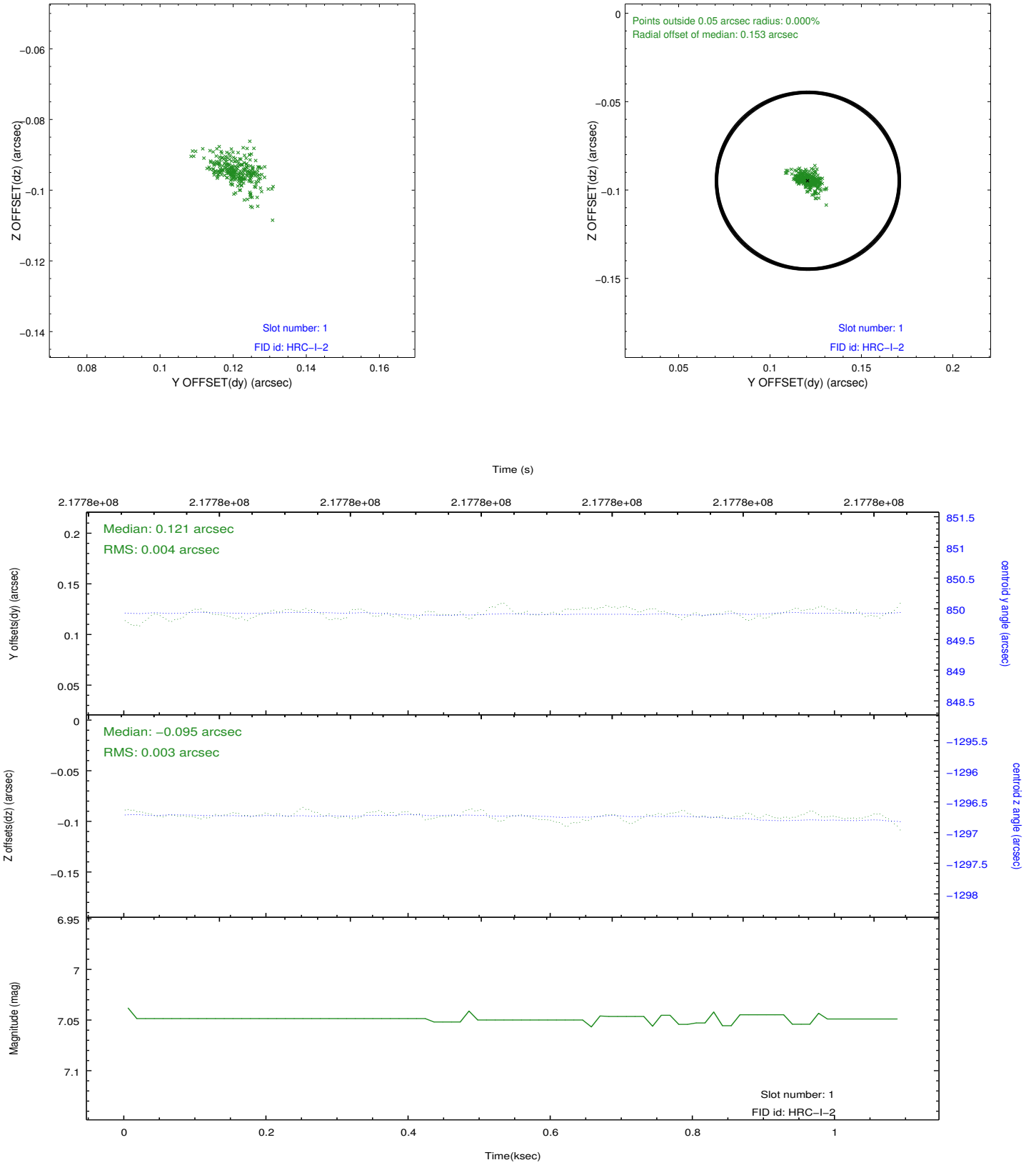


2.5 FID Slots

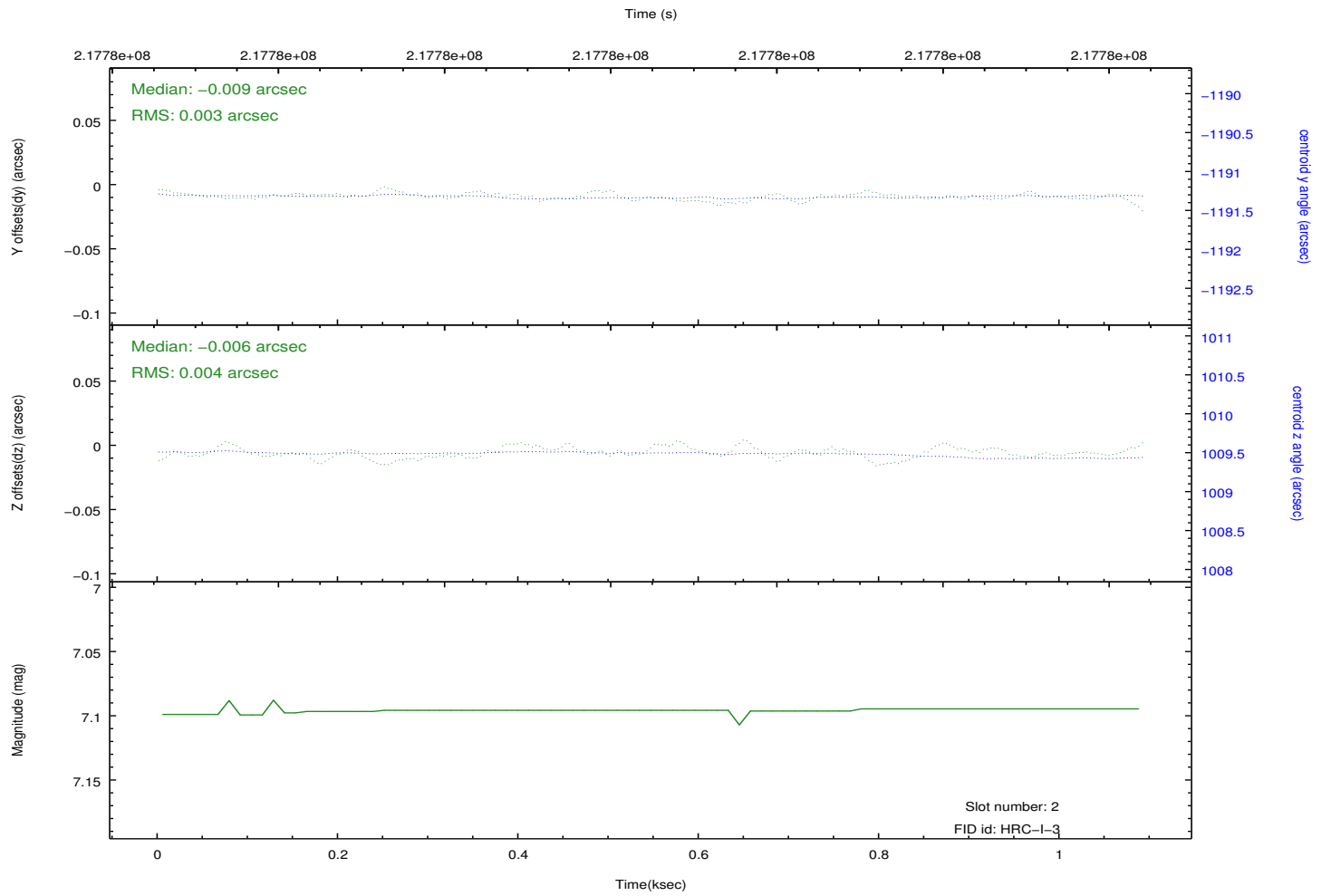
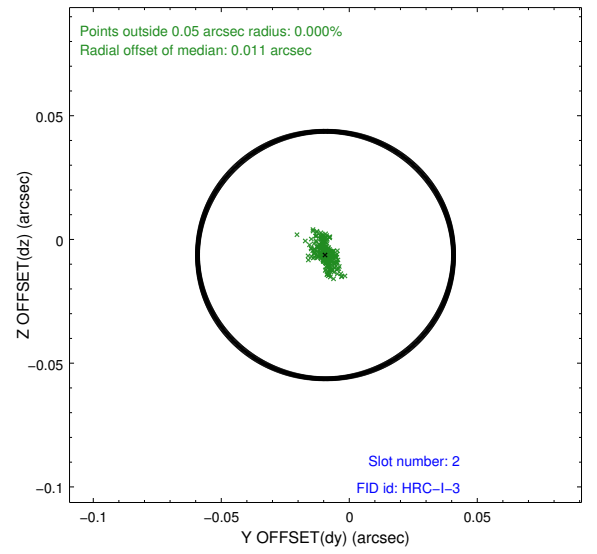
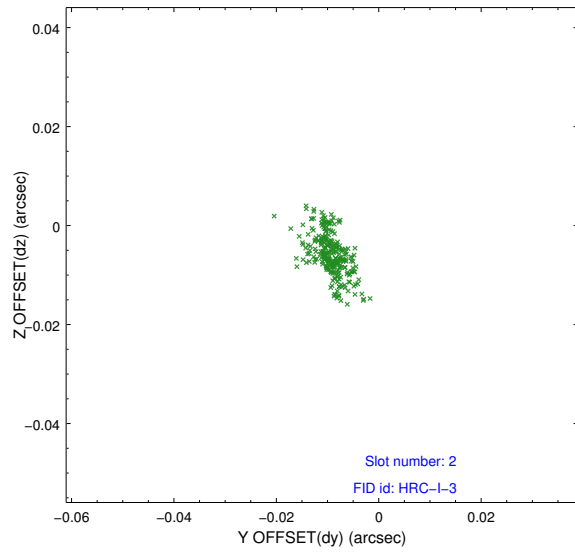
2.5.1 Slot 0



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)	2012.12.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.089831

A.2 Comments