

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8353 - L2 Version 5
Chandra X-Ray Center

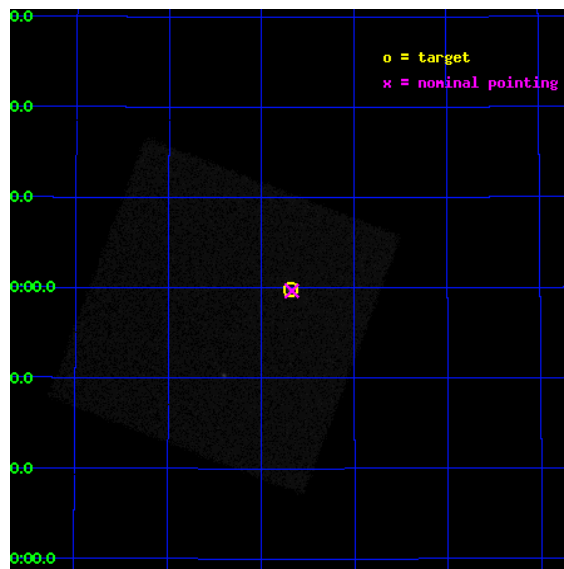
L2 Processing Date : Aug 11 2012

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1 Front

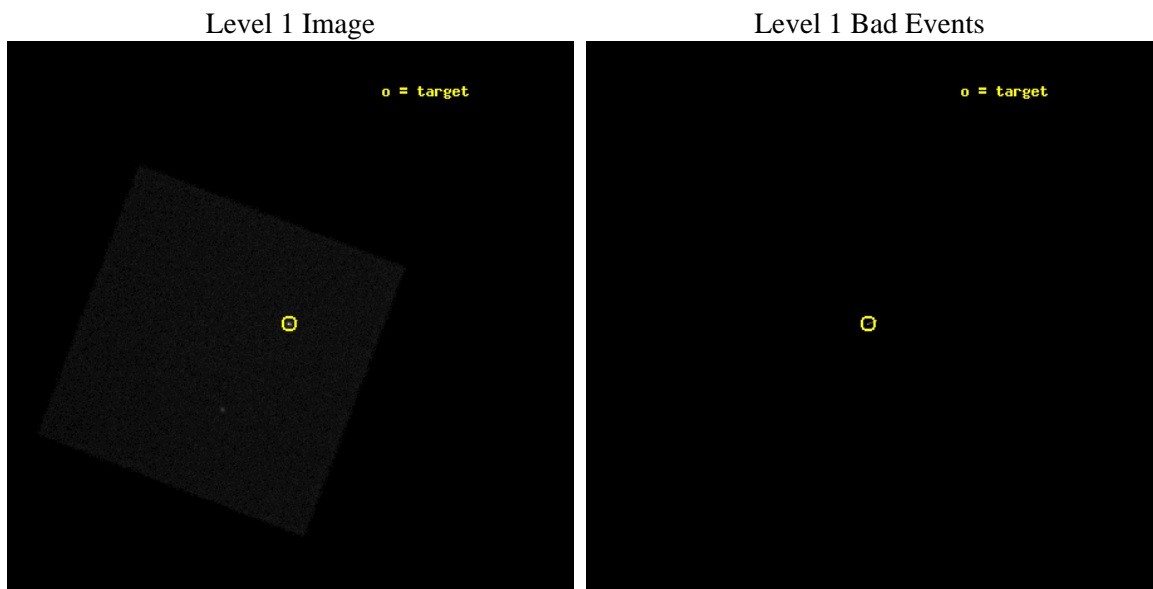
seq_num	290732	Sequence number
obs_id	8353	Observation id
title	Improving the De-Gap Corrections for the HRC-I	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
ra_targ	79.1725	Observer's specified target RA [deg]
dec_targ	45.998	Observer's specified target Dec [deg]
ra_nom	79.167905797374	Nominal RA [deg]
dec_nom	45.994848510364	Nominal Dec [deg]
roll_nom	245.90496632054	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5183.4252457023	[s]
livetime	5128.5131179888	Ontime multiplied by DTCOR
l2events	377097	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5183.4252457023	[s]
caldbver	4.5.1.1	 	l1events	539688	Number of level 1 events
date	2012-08-11T16:51:40	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

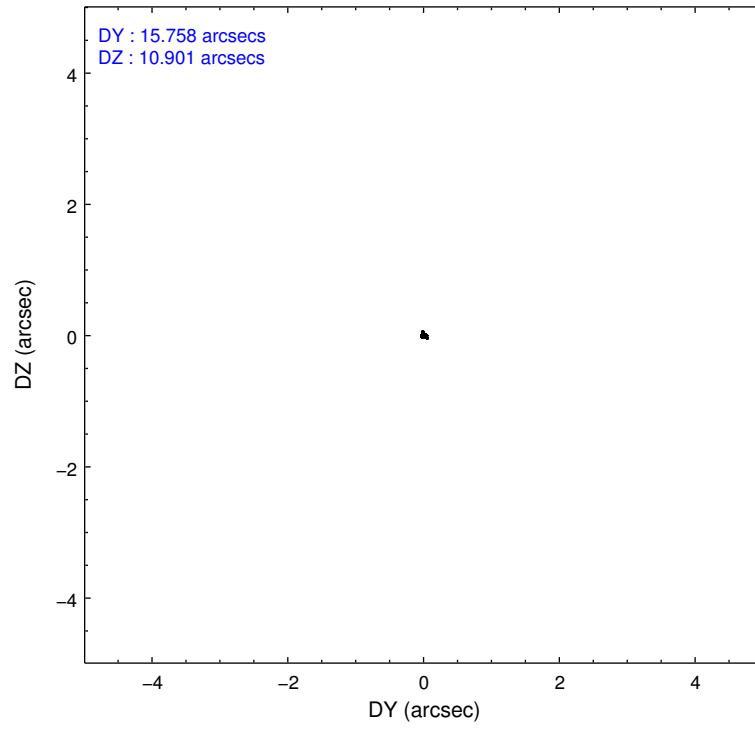
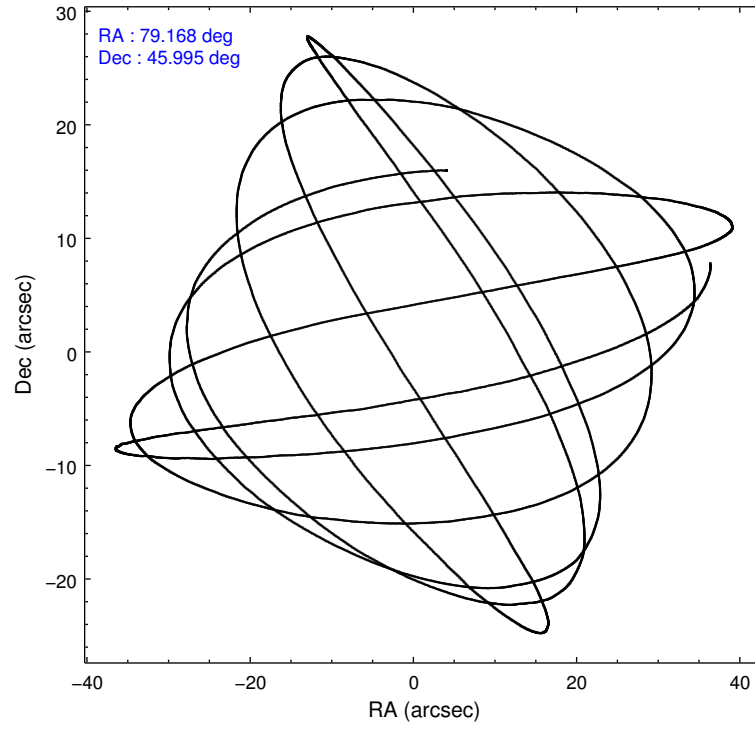
Level 1 Events

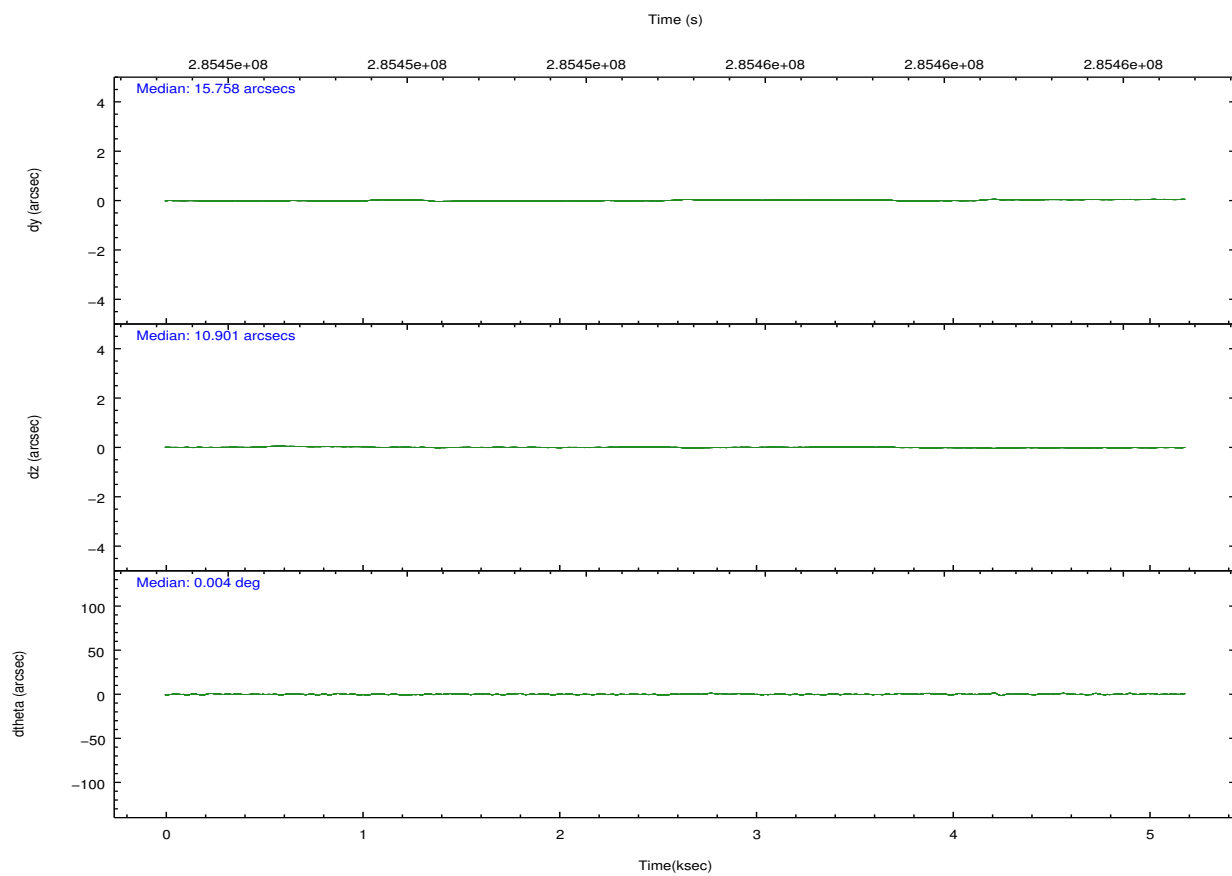
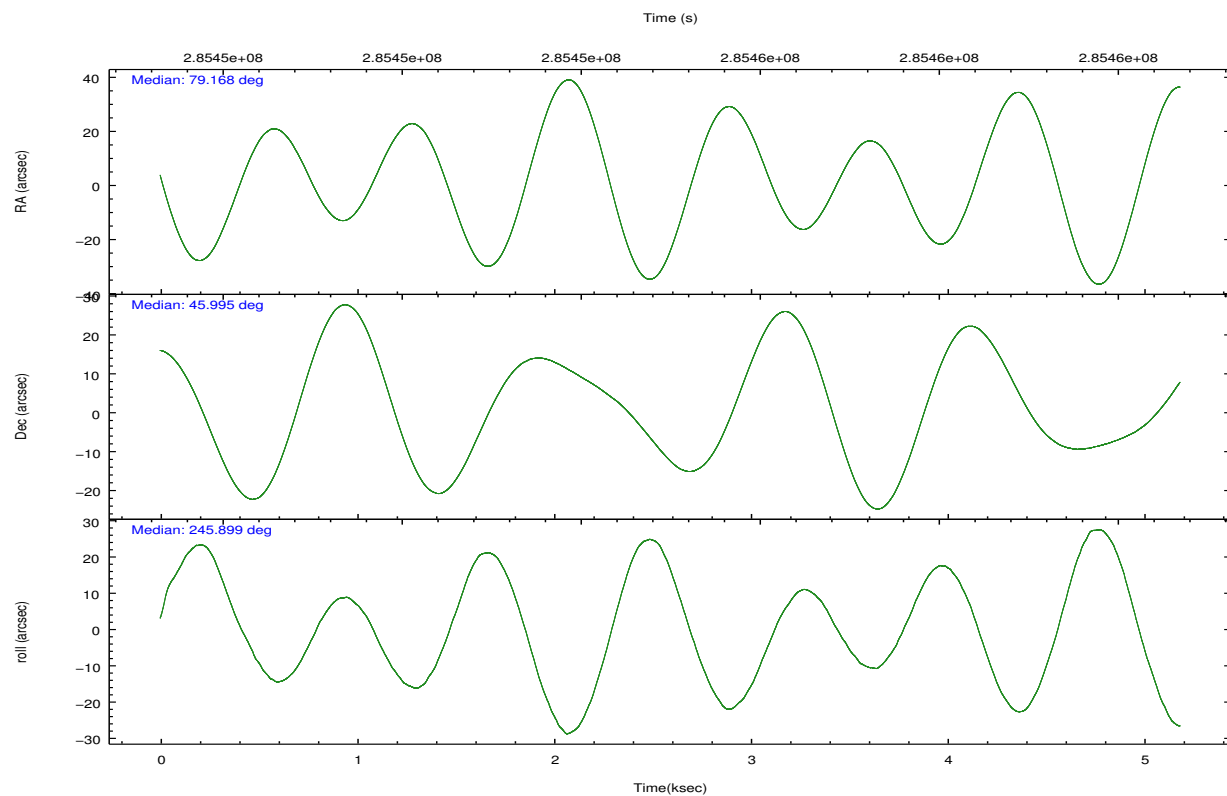
	segment 0
level 1 events	539688
rejected events	31291
rejected %	5%

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	79.163211	79.1679057973742			
[deg] Pointing Dec	46.022026	45.99484851036375			
[deg] Pointing Roll	246.003819	245.9049663205386			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	102.985494	102.9888690671992			
[mm] SIM translation stage offset	24	23.9966198244024			
[s] Observation start time (MET)	285452082.184000	285451705.98652			
Observation start date	2007-01-17T20:13:37	2007-01-17T20:08:25			
[s] Observation end time (MET)	285457082.184000	285457215.87429			
Observation end date	2007-01-17T21:36:57	2007-01-17T21:40:15			

2.3 Aspect



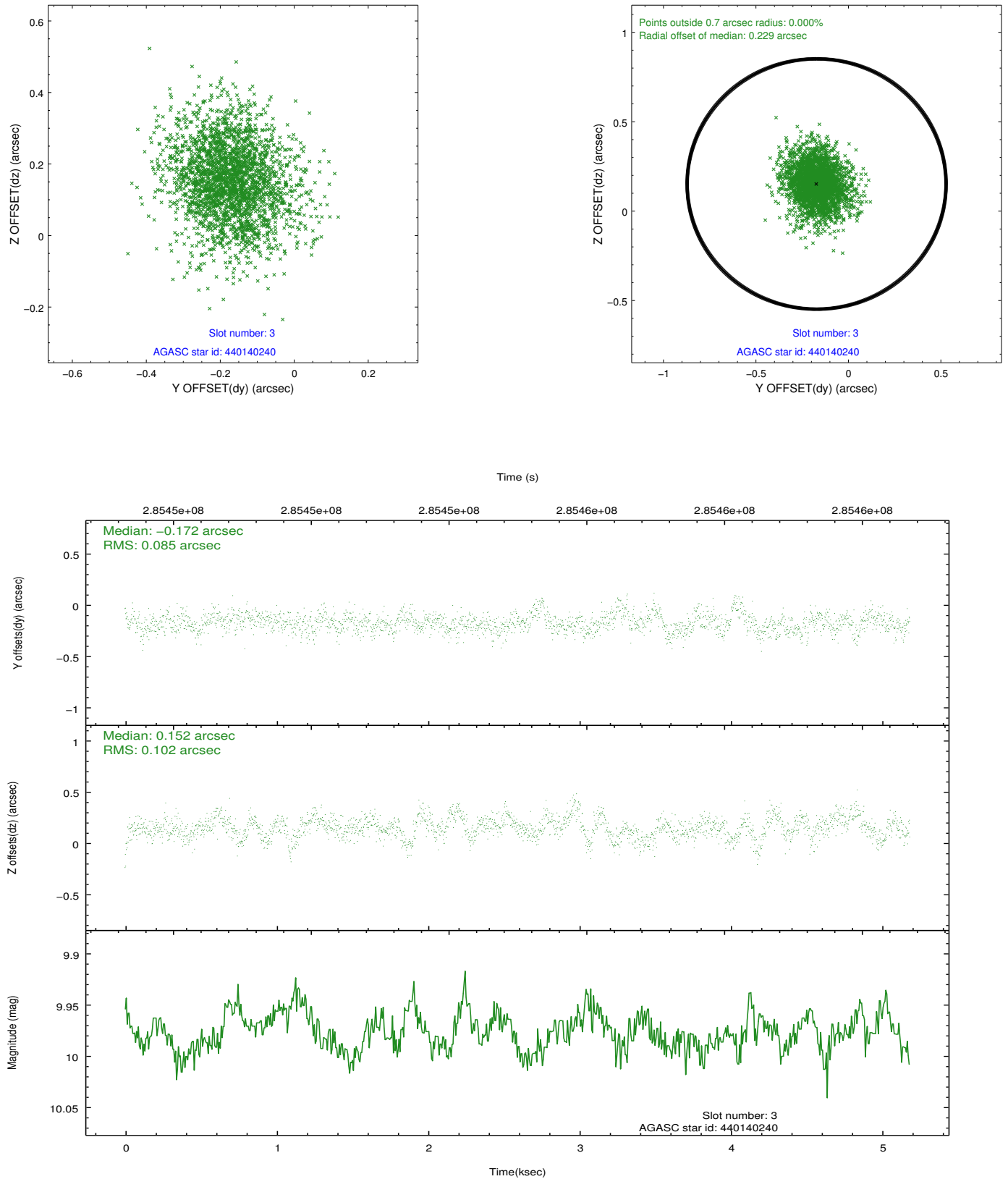


Slot Statistics

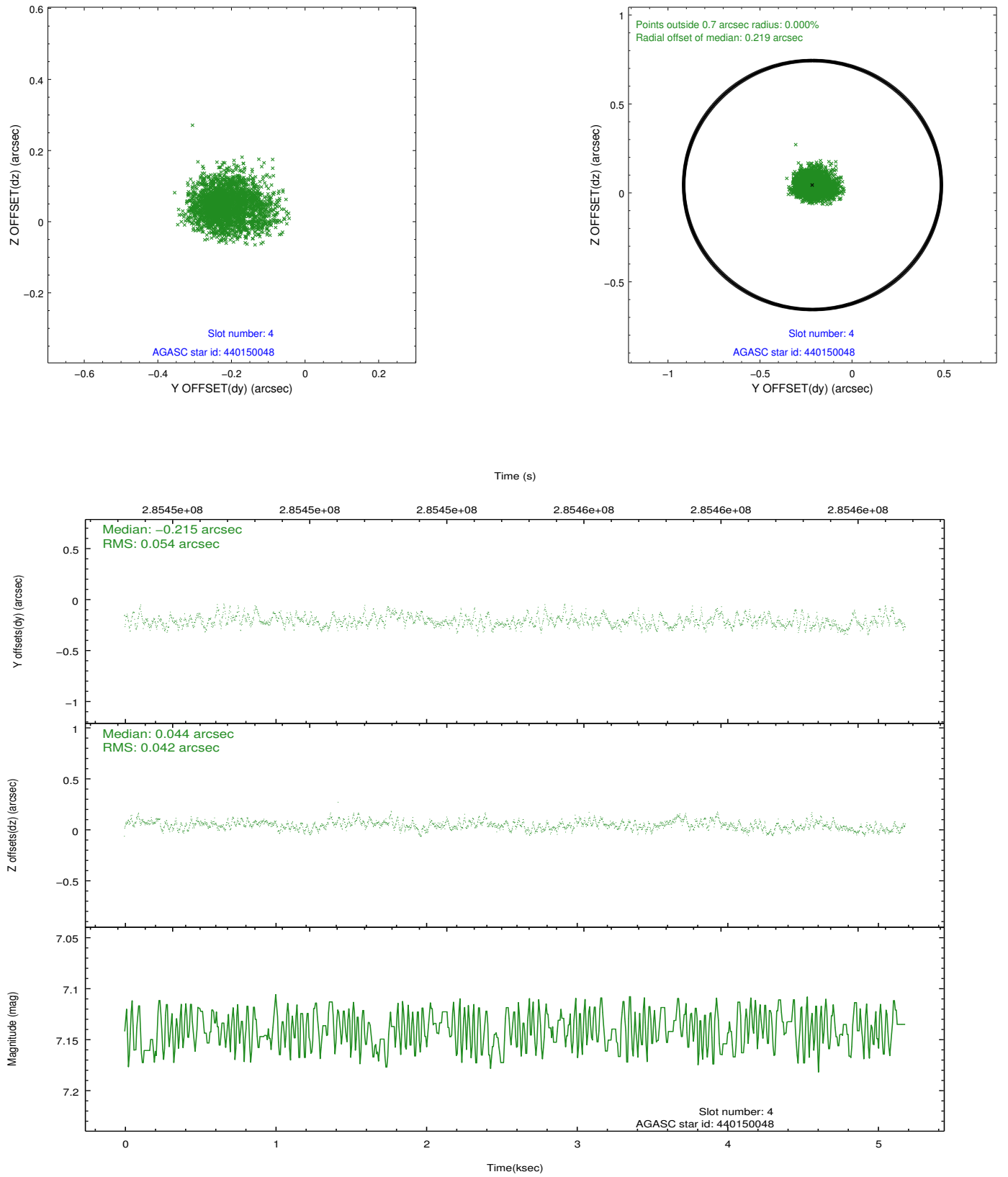
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.09	1265	-0.217	0.040	0.006	0.010	0.000000	0.000000	840.43	-807.02
1	FID	HRC-I-3	7.06	1265	0.042	-0.281	0.005	0.010	0.000000	0.000000	-1199.93	1498.01
2	FID	HRC-I-4	6.96	1265	0.293	0.152	0.006	0.010	0.000000	0.000000	1269.99	1498.04
3	GUIDE	440140240	9.98	2530	-0.172	0.152	0.140	0.237	78.889349	46.726437	-2043.43	-1648.76
4	GUIDE	440150048	7.14	2530	-0.215	0.044	0.074	0.119	79.112838	46.416060	-1246.52	-691.33
5	GUIDE	438448496	8.03	2530	0.434	-0.099	0.089	0.153	77.967952	45.656964	2402.93	-2221.94
6	GUIDE	440163960	8.88	2530	-0.050	-0.017	0.091	0.145	79.298370	45.827072	503.28	594.80
7	GUIDE	440163560	9.55	2524	-0.001	-0.081	0.118	0.196	79.359509	46.135242	-572.34	282.03

2.4 Star Slots

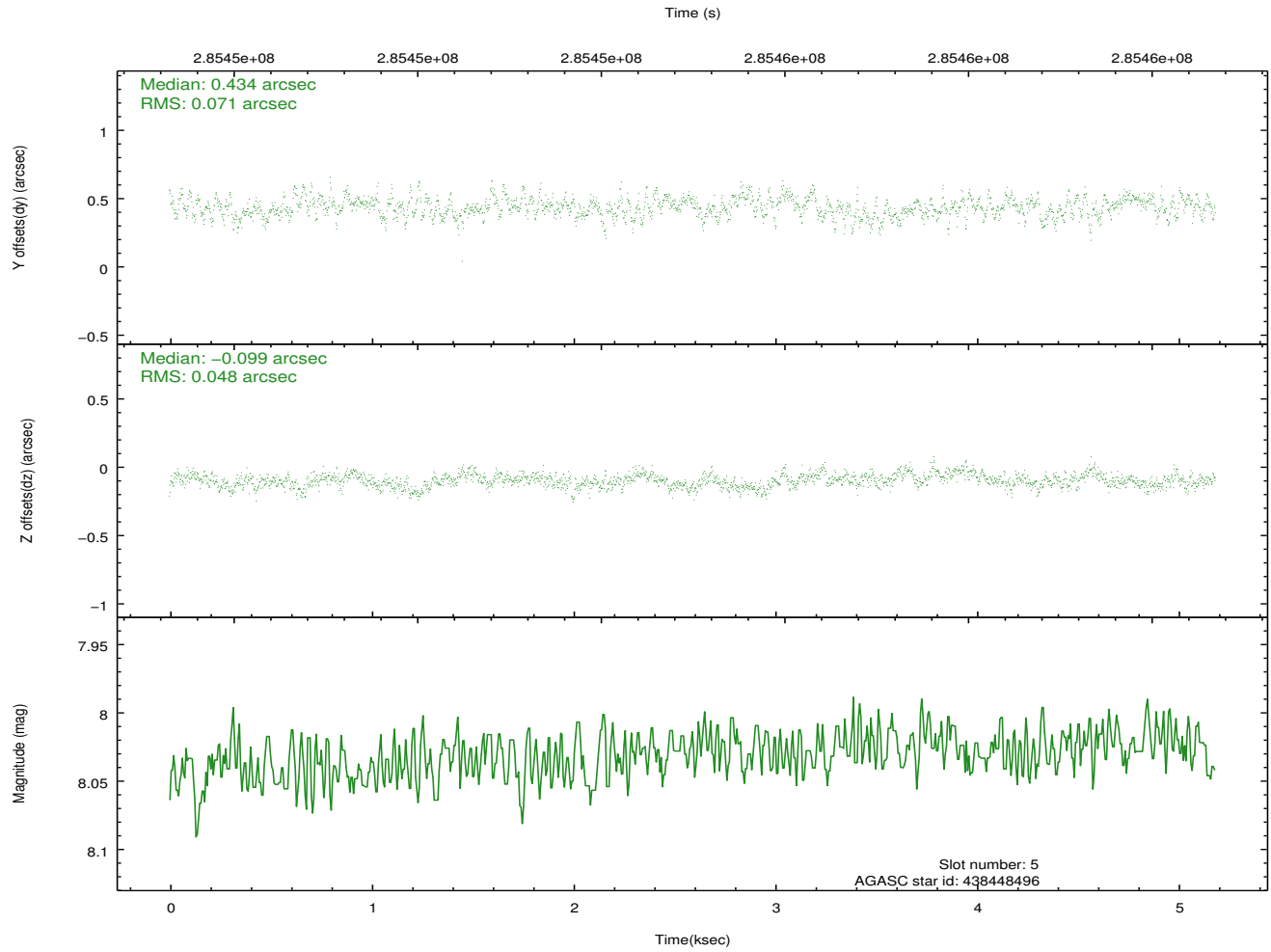
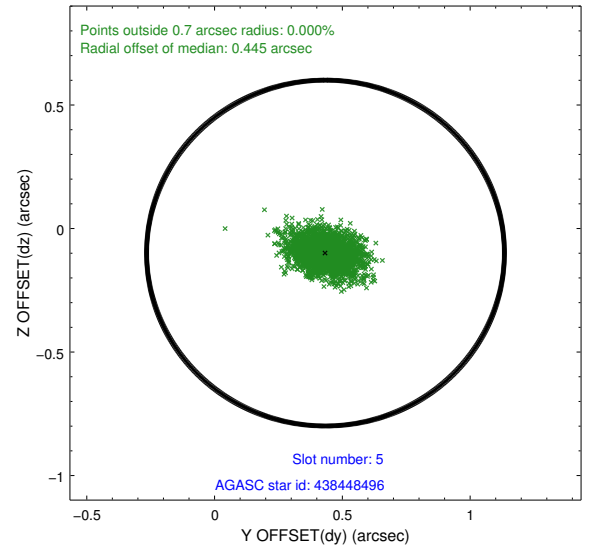
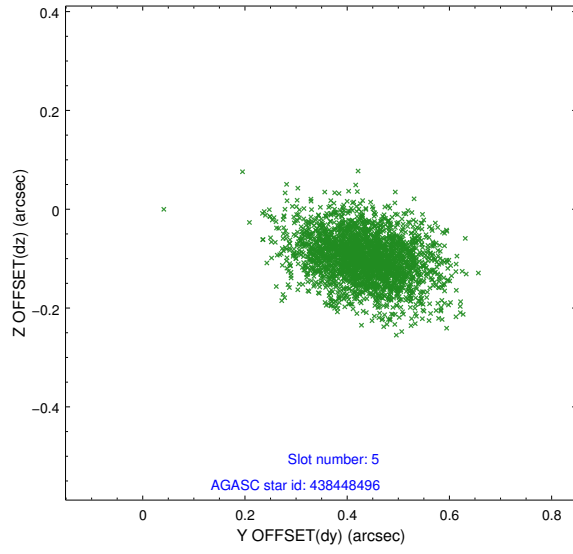
2.4.1 Slot 3



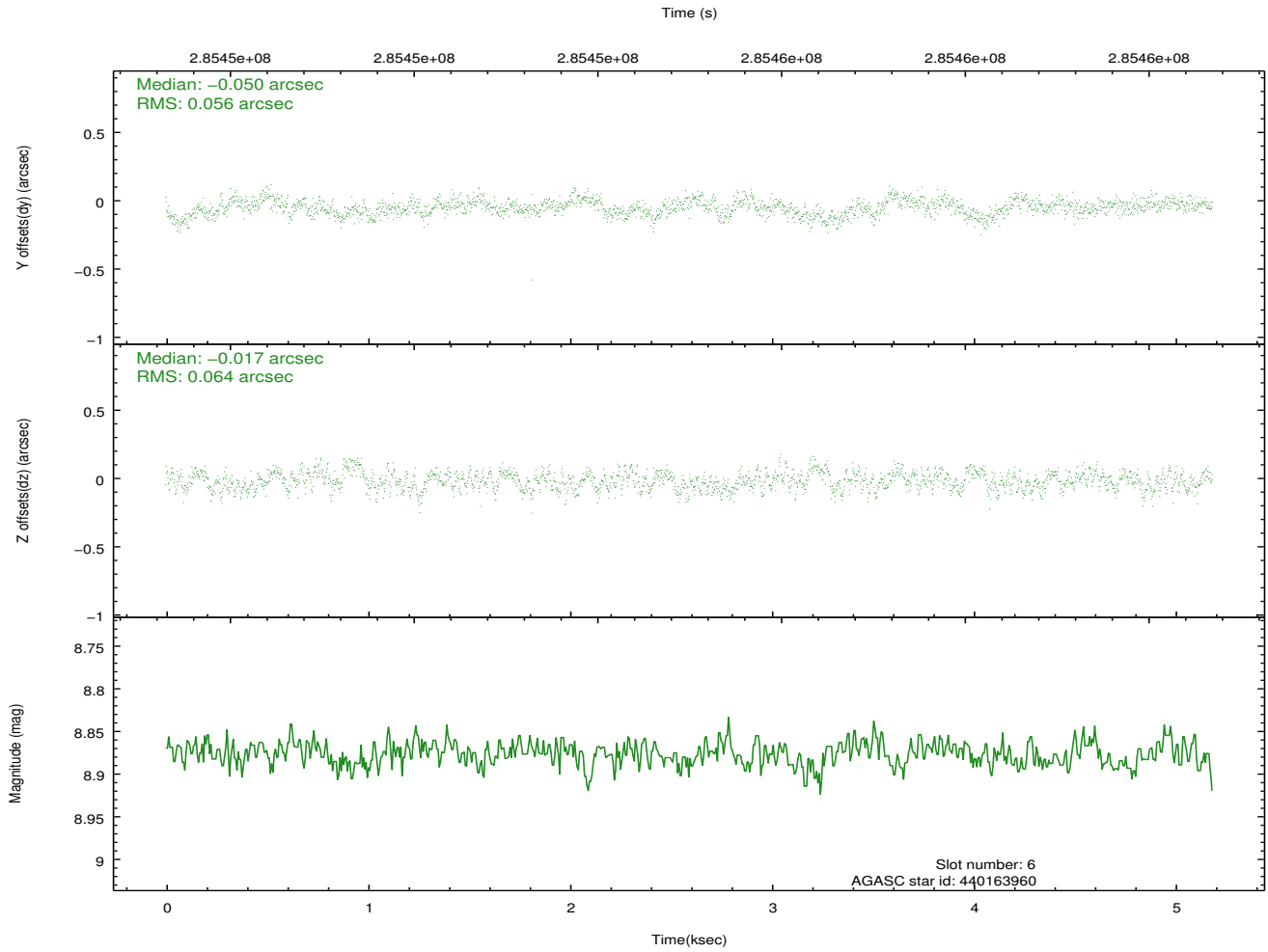
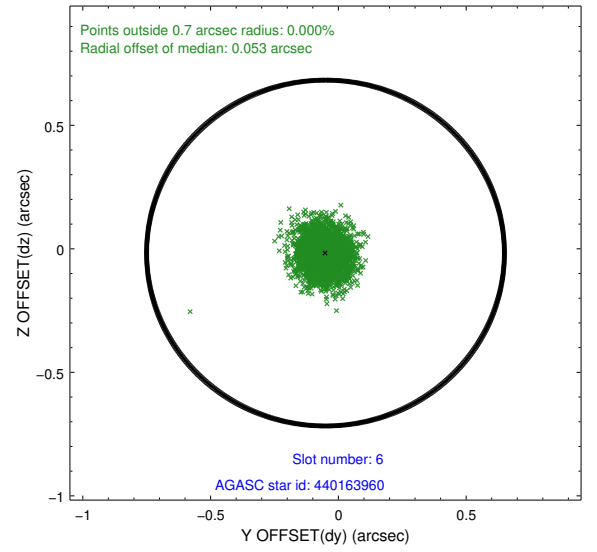
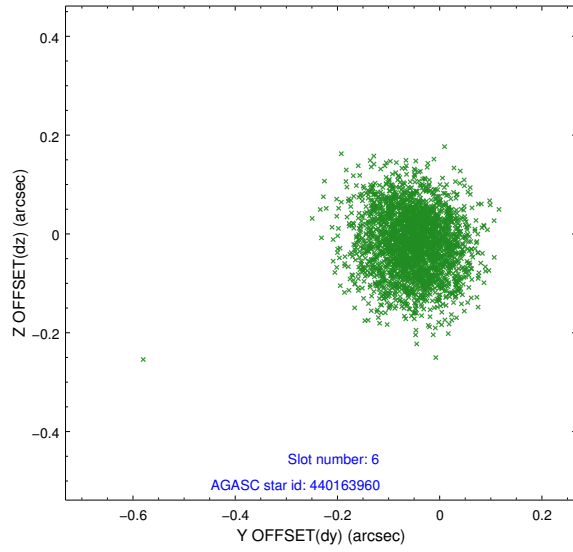
2.4.2 Slot 4



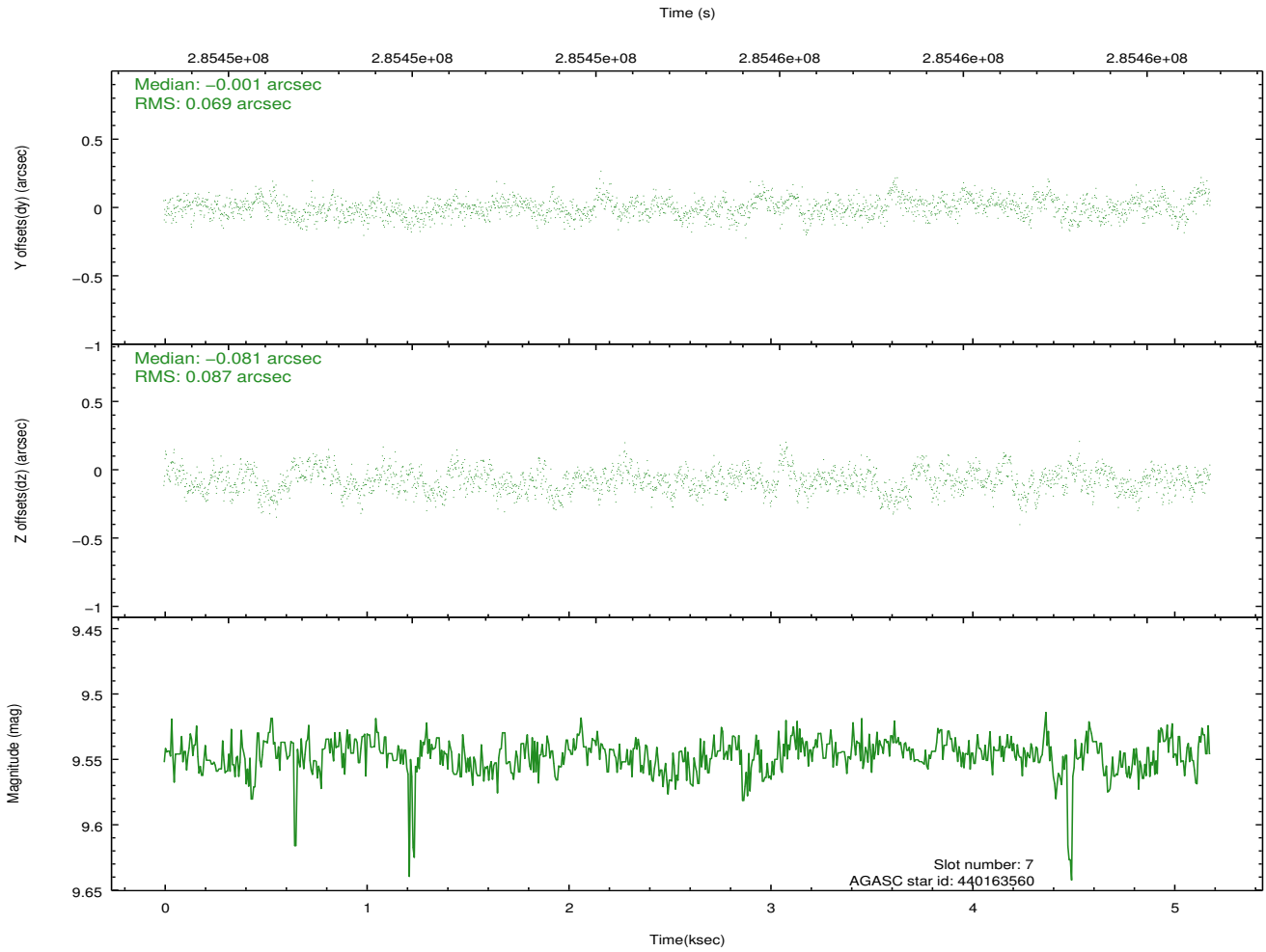
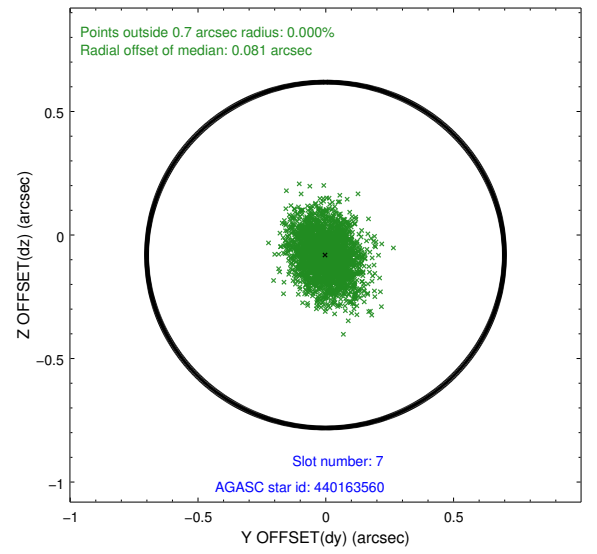
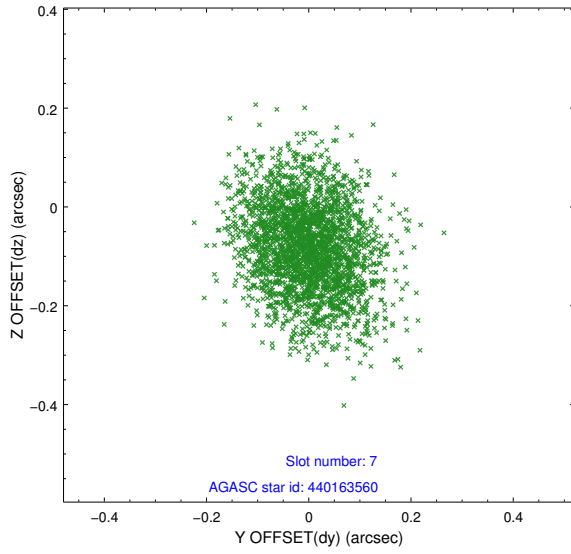
2.4.3 Slot 5



2.4.4 Slot 6

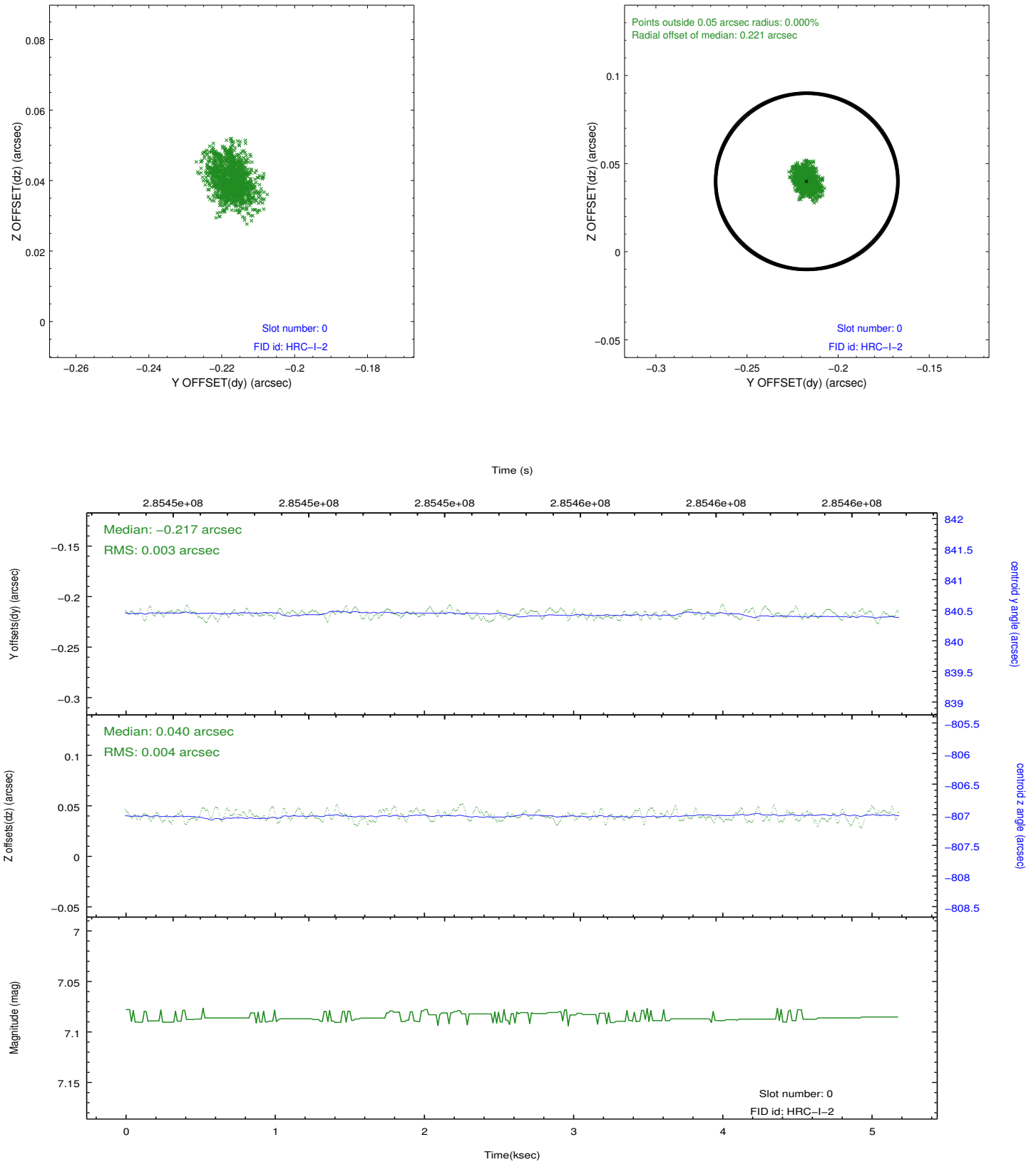


2.4.5 Slot 7

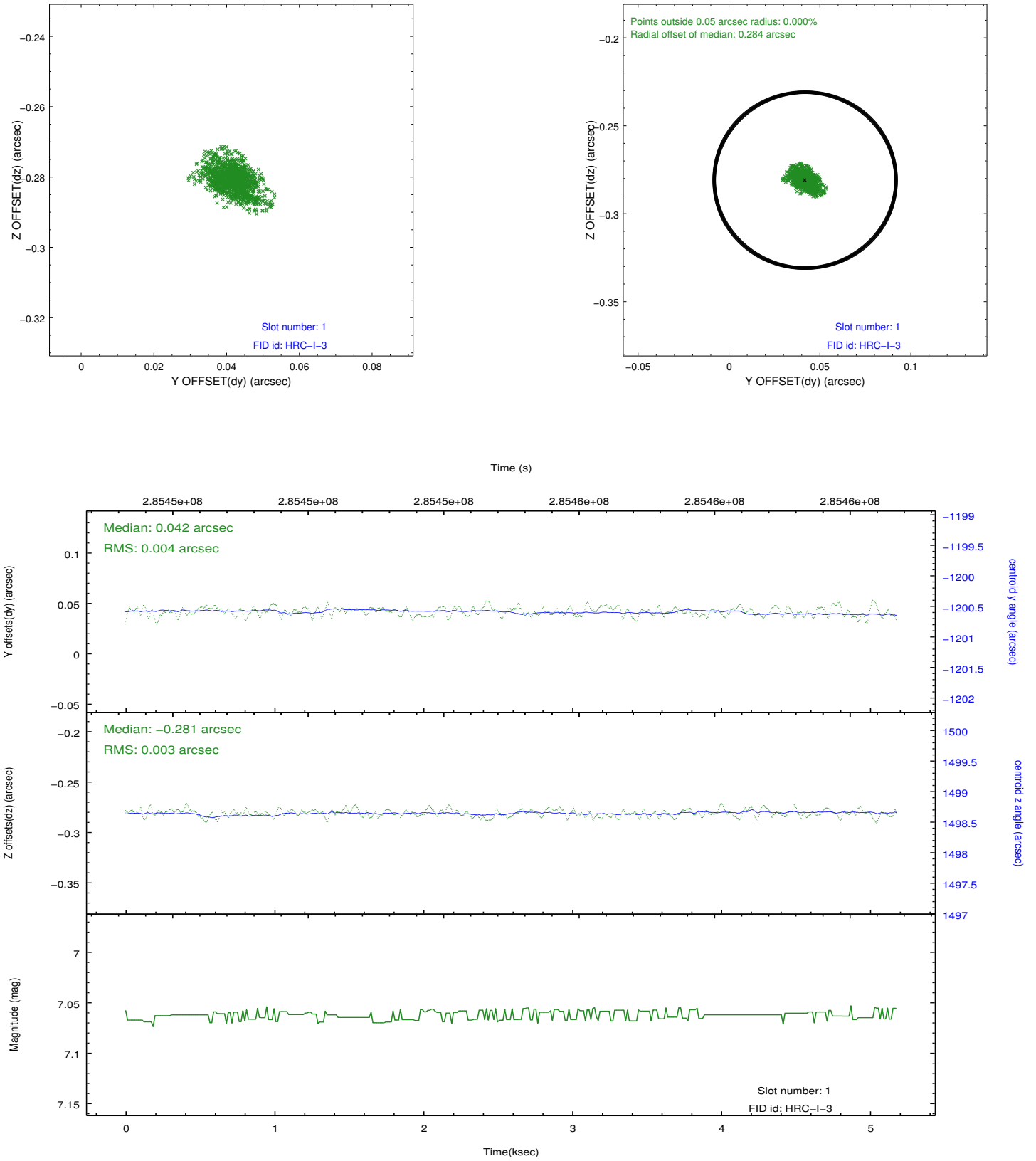


2.5 FID Slots

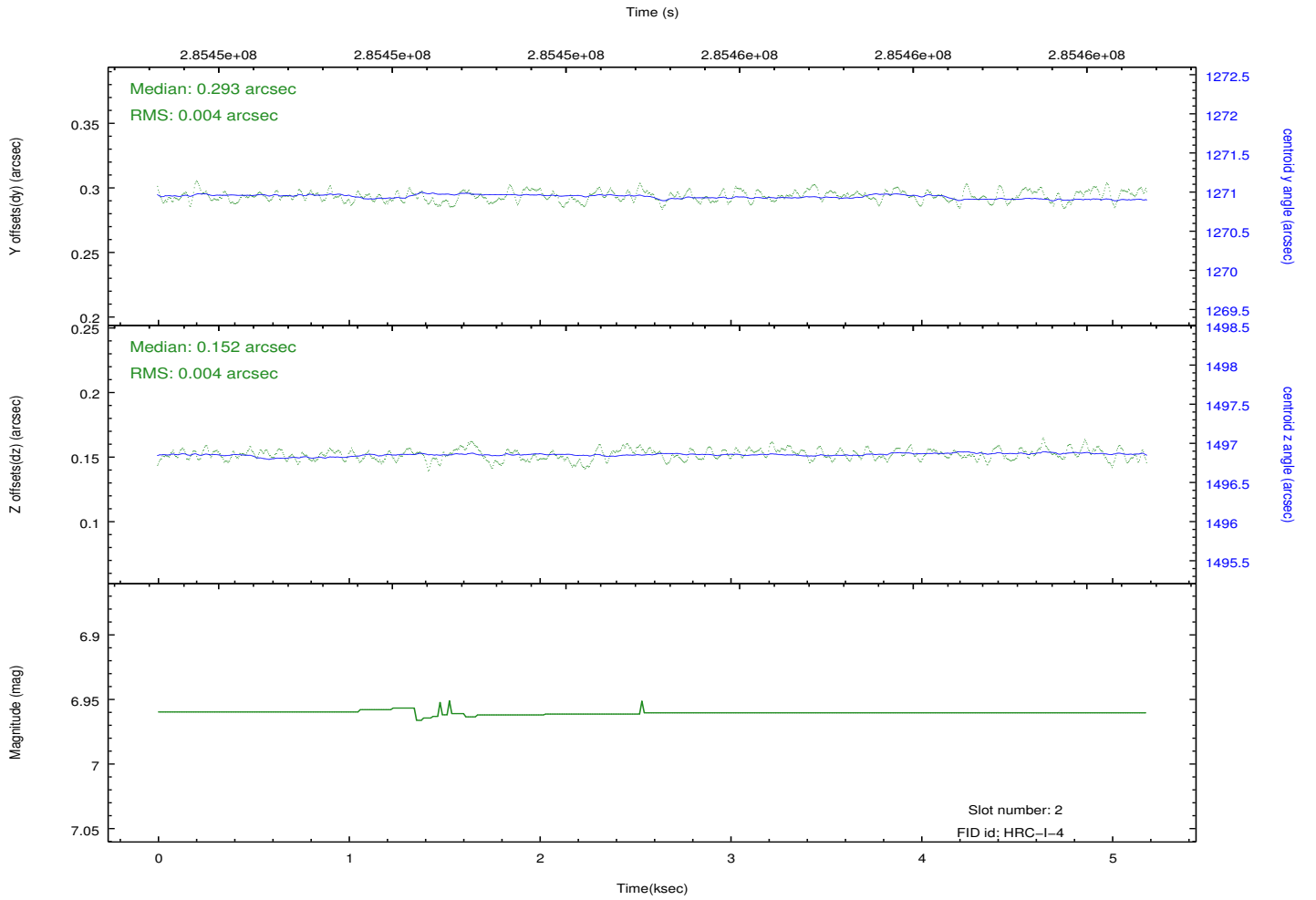
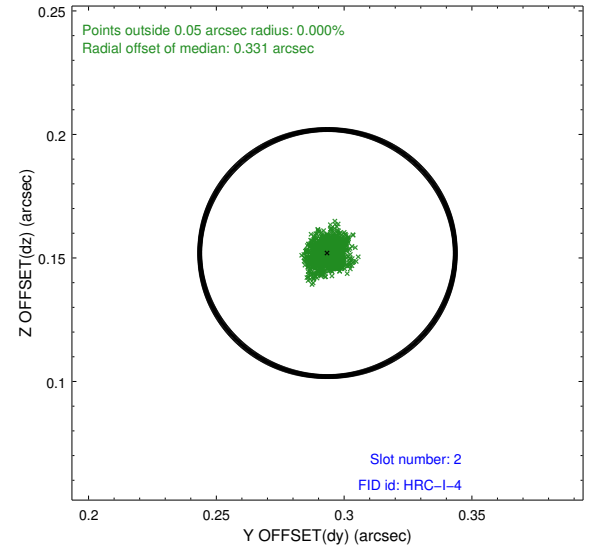
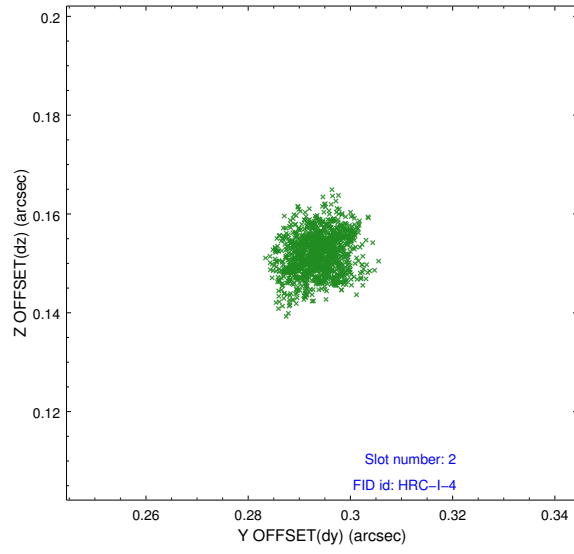
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18368149

A.2 Comments