

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1472 - L2 Version 4

Chandra X-Ray Center

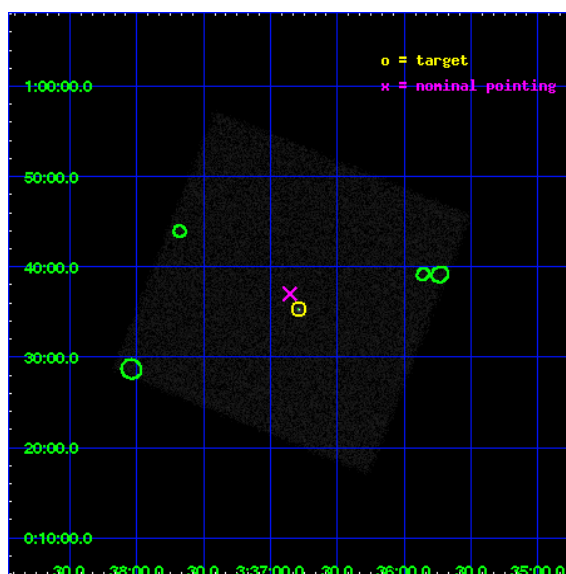
L2 Processing Date : Nov 24 2009

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1 Front

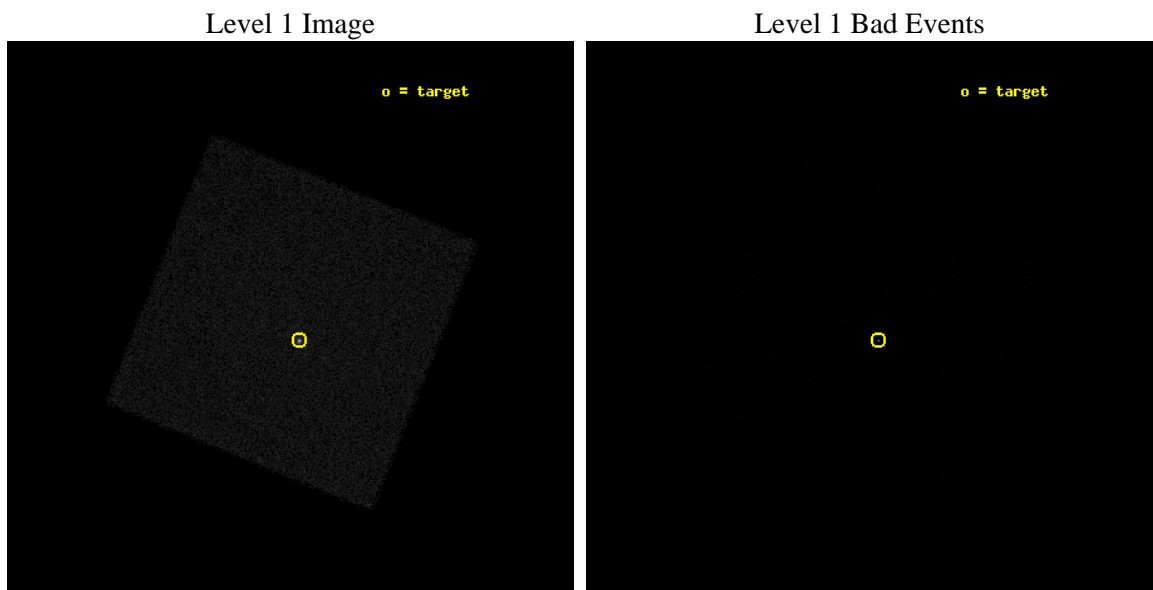
seq_num	290048	Sequence number
obs_id	1472	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.213709952523	Nominal RA
dec_nom	0.6168953073542	Nominal Dec
roll_nom	336.92739058999	Nominal Roll
revision	4	Processing version of data
ontime	2264.4813318253	[s]
livetime	2249.4386776014	Ontime multiplied by DTCOR
l2events	83855	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	2000.000000	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	2264.4813318253	[s]
caldbver	4.1.4	 	l1events	121701	Number of level 1 events
date	2009-11-24T15:15:29	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

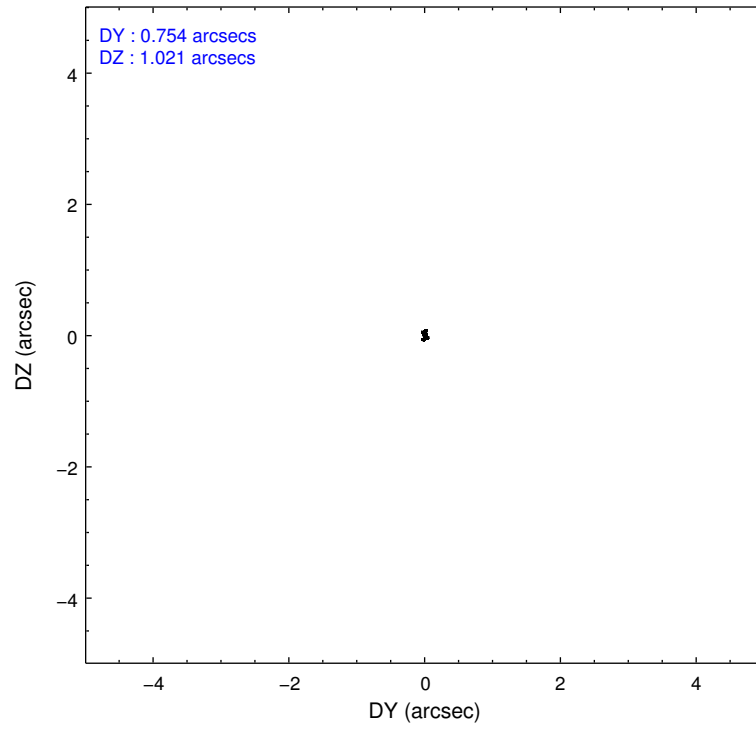
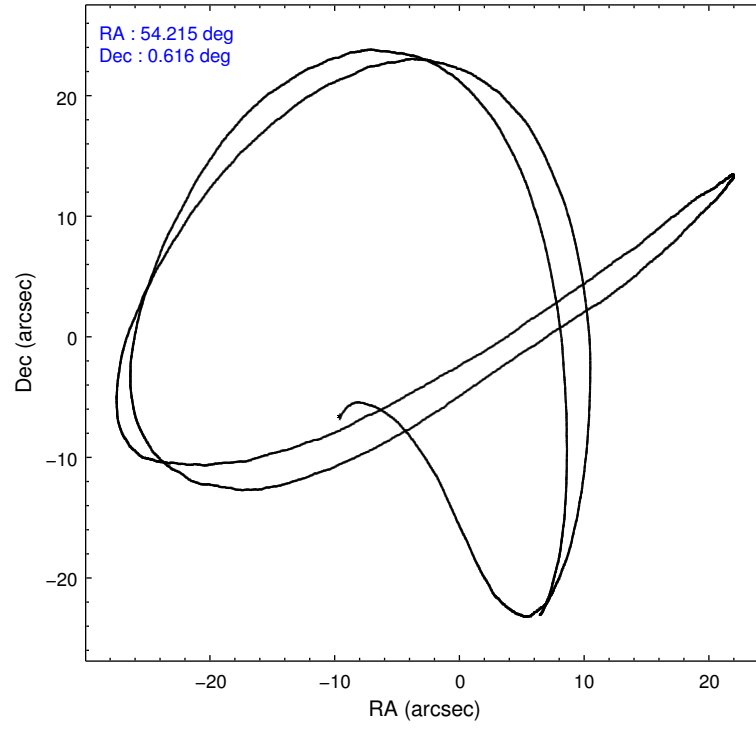
	segment 0
level 1 events	121701
rejected events	2676
rejected %	2%

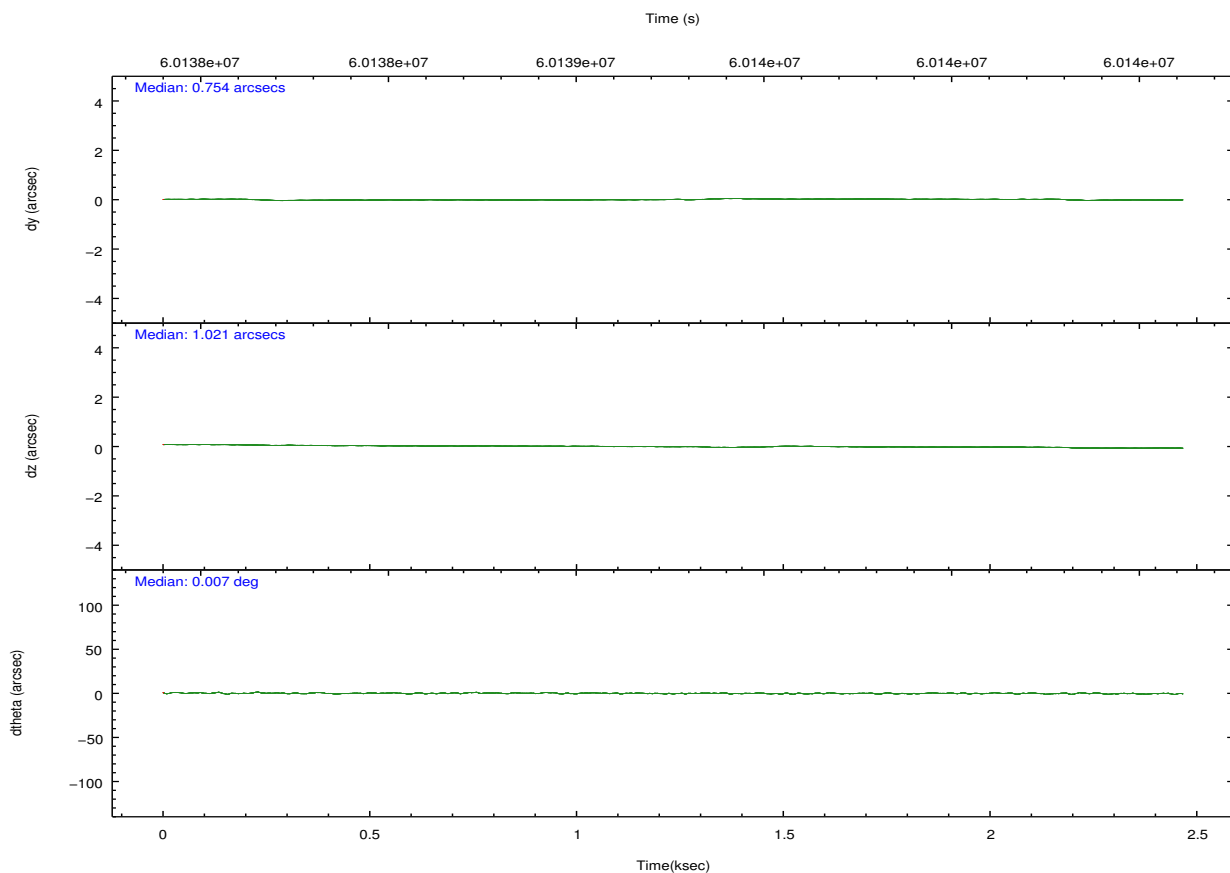
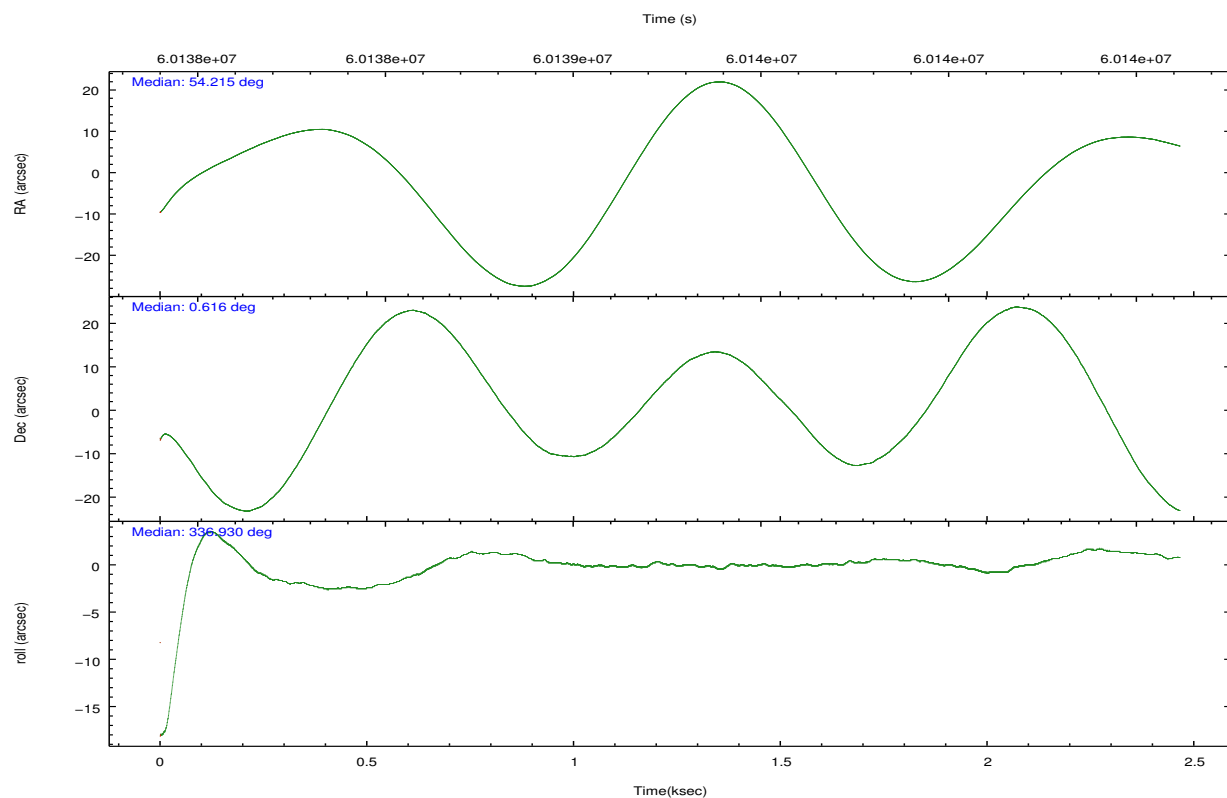
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.186182	54.21370995252272
Pointing Dec	0.613785	0.6168953073541996
Pointing Roll	337.023265	336.9273905899927
SIM focus pos (mm)	-1.040293	-1.038866356238299
SIM defocus (mm)	0	0.001426264420575141
SIM translation stage pos (mm)	126.985494	126.9854943052878
SIM translation stage offset (mm)	0	-5.413686238853188e-06
Observation start time	60138491.184000	60137234.20414
Observation start date	1999-11-28T01:07:07	1999-11-28T00:47:14
Observation end time	60140491.184000	60140624.904263
Observation end date	1999-11-28T01:40:27	1999-11-28T01:43:44

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



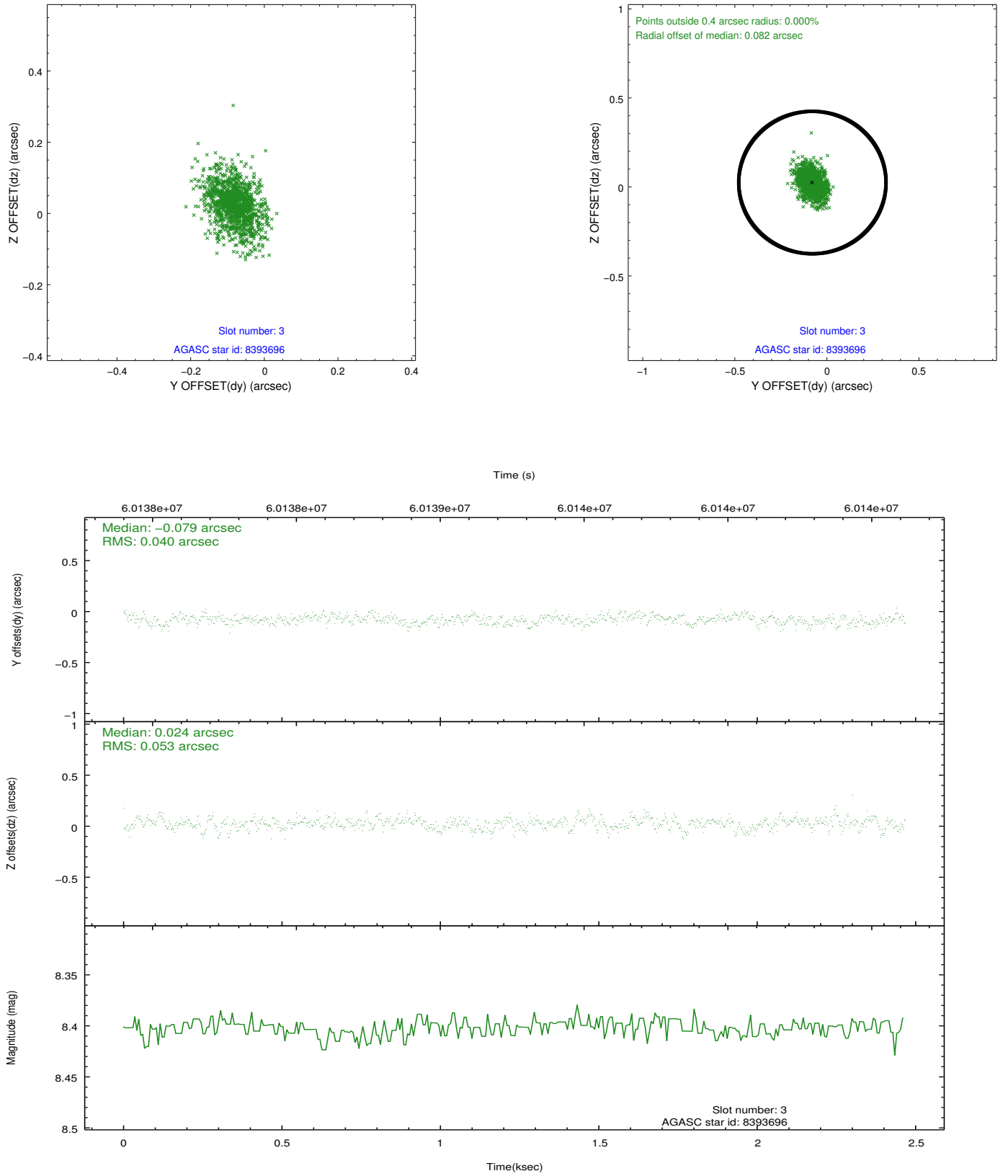


Slot Statistics

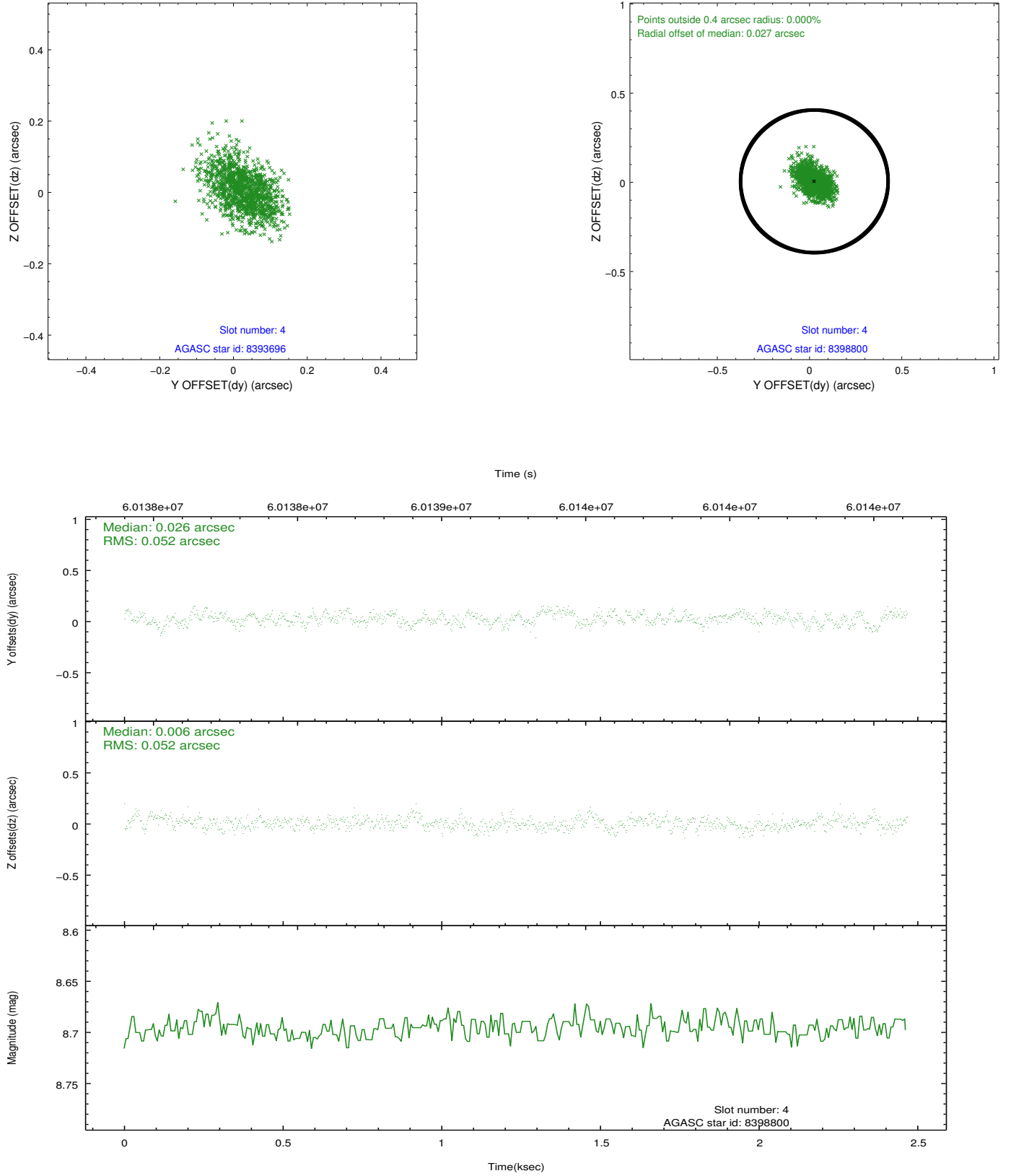
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	1204	-0.000	-0.070	0.006	0.010	0.000000	0.000000	-756.14	-1288.84
1	FID	HRC-I-3	7.05	1204	0.049	-0.031	0.006	0.011	0.000000	0.000000	-1185.27	1014.68
2	FID	HRC-I-4	7.00	1204	0.065	0.012	0.005	0.009	0.000000	0.000000	1285.67	1014.31
3	GUIDE	8393696	8.40	1204	-0.079	0.024	0.070	0.119	53.645666	0.680479	-1887.90	-537.37
4	GUIDE	8398800	8.70	1204	0.026	0.006	0.078	0.128	54.242352	0.922024	-251.19	1101.05
5	GUIDE	8390744	9.02	1204	-0.015	-0.087	0.073	0.124	53.677290	0.926294	-2128.55	322.67
6	GUIDE	8395104	8.66	1204	0.023	0.007	0.070	0.120	54.744893	0.796520	1590.43	1392.01
7	GUIDE	8395504	9.75	1202	0.043	0.050	0.122	0.215	54.466573	0.973564	422.37	1588.57

2.4 Star Slots

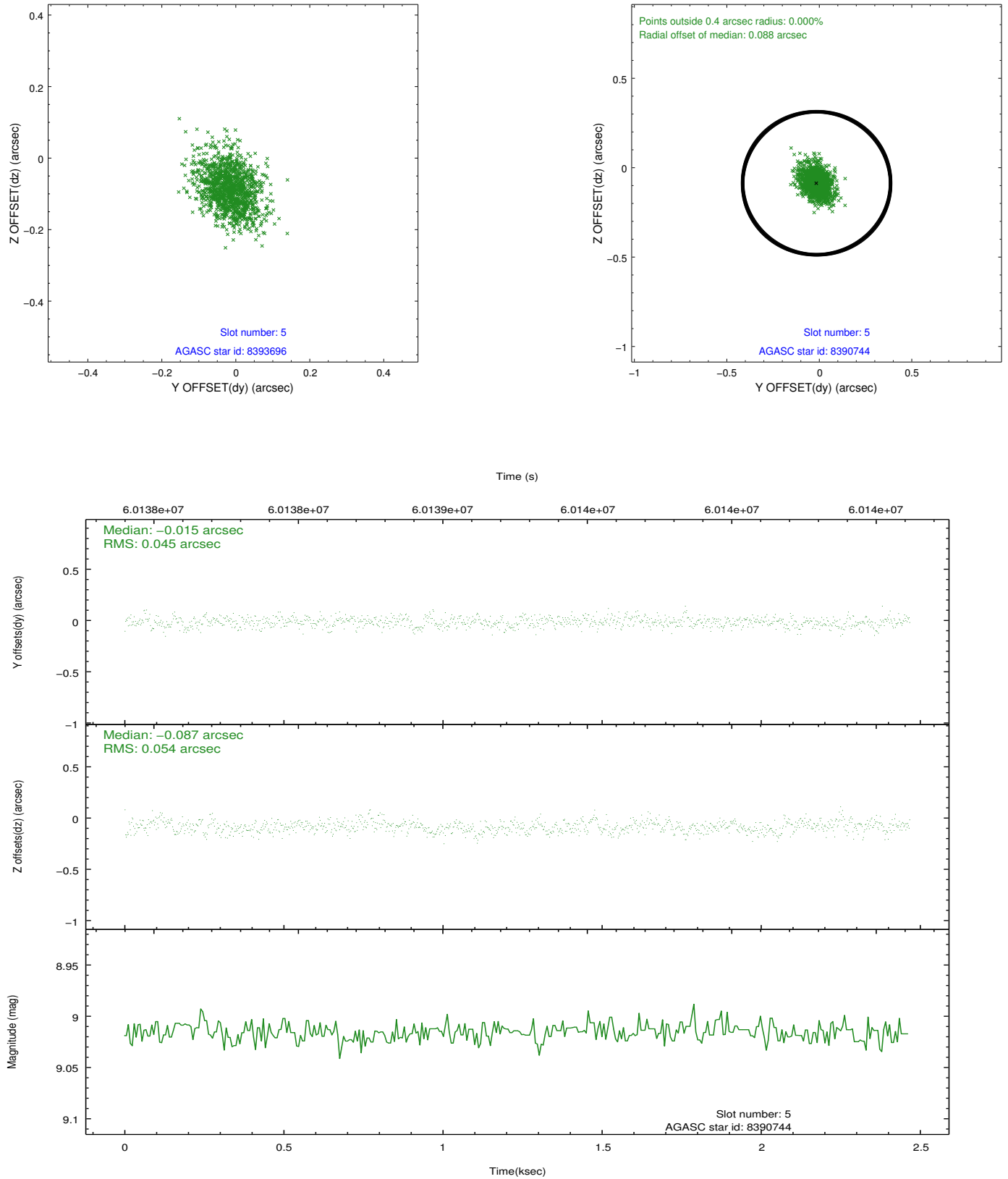
2.4.1 Slot 3



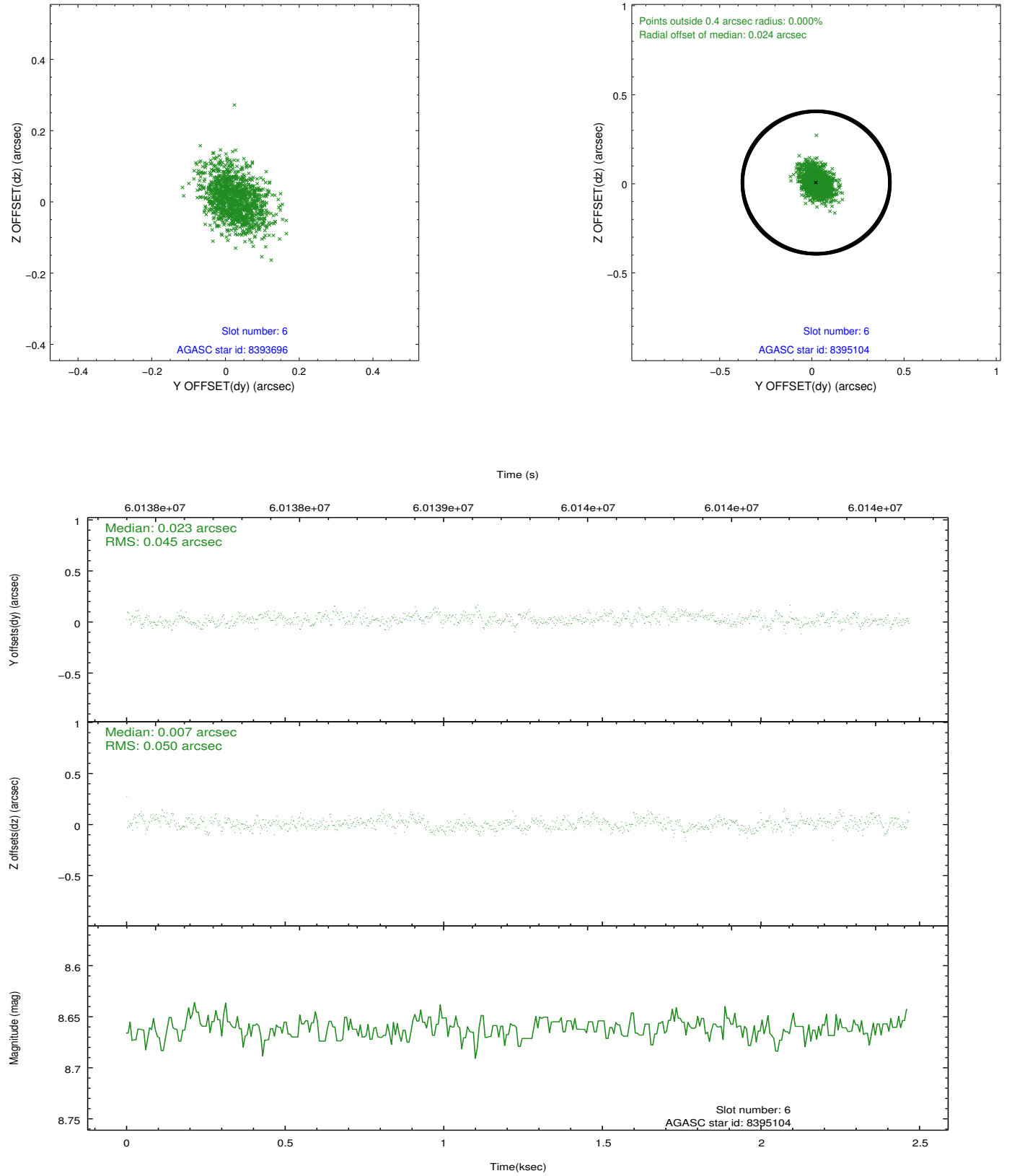
2.4.2 Slot 4



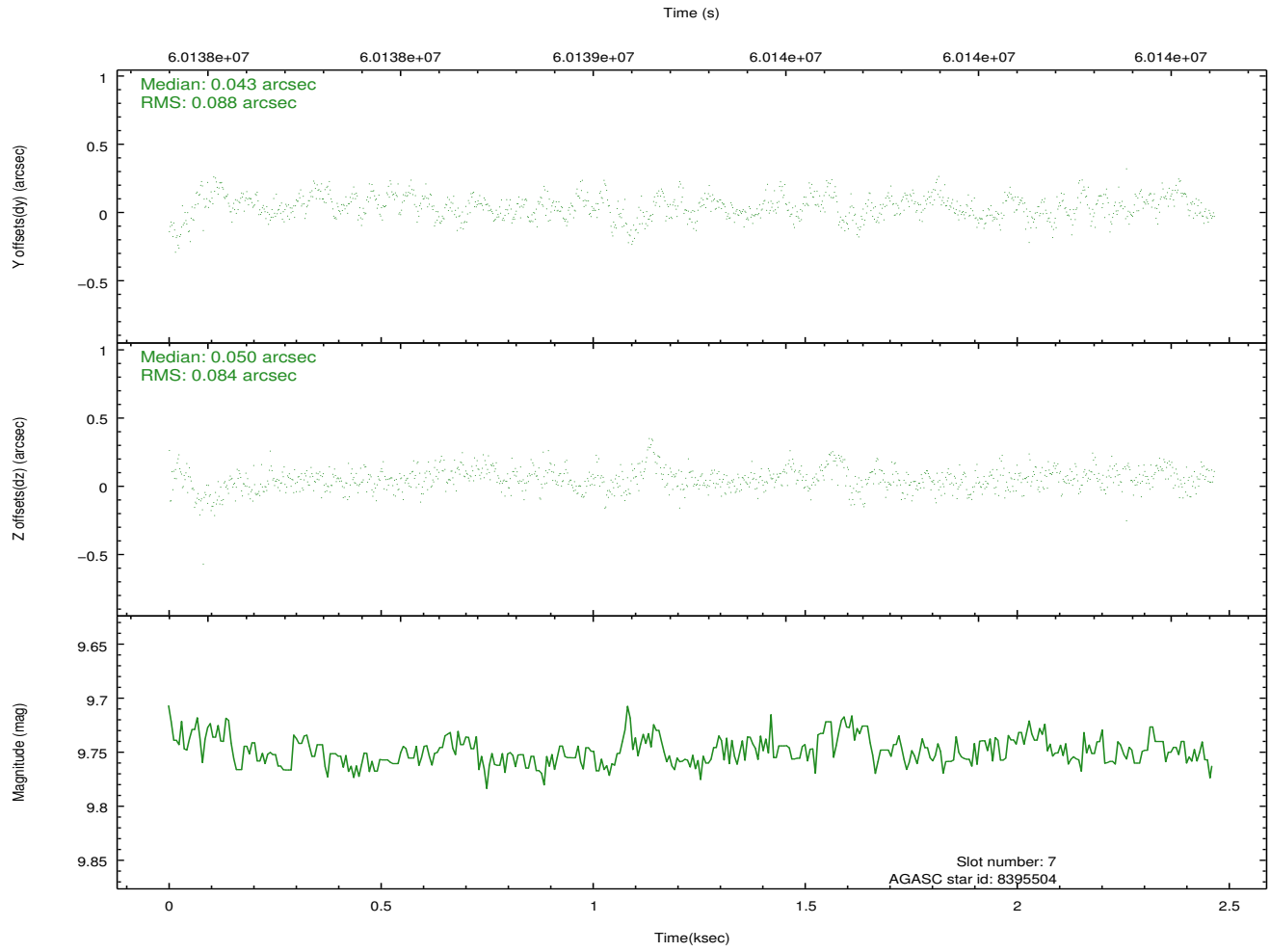
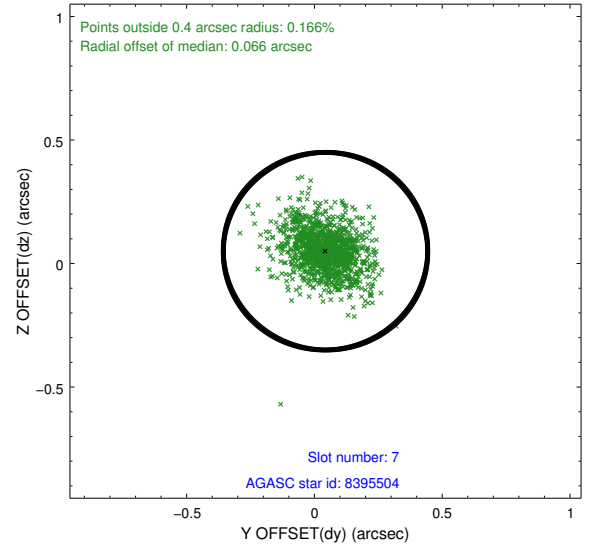
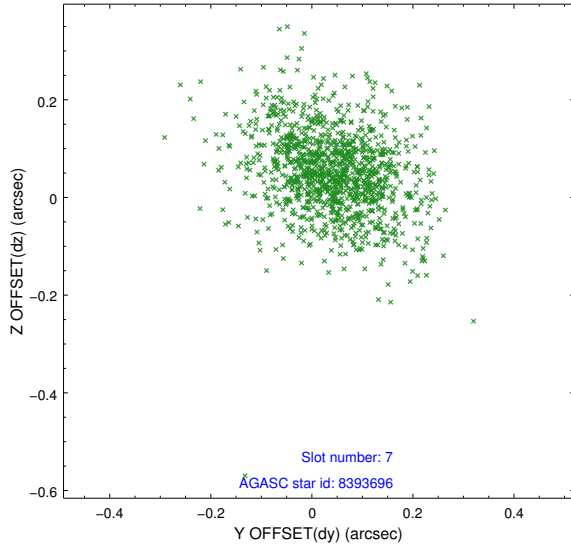
2.4.3 Slot 5



2.4.4 Slot 6

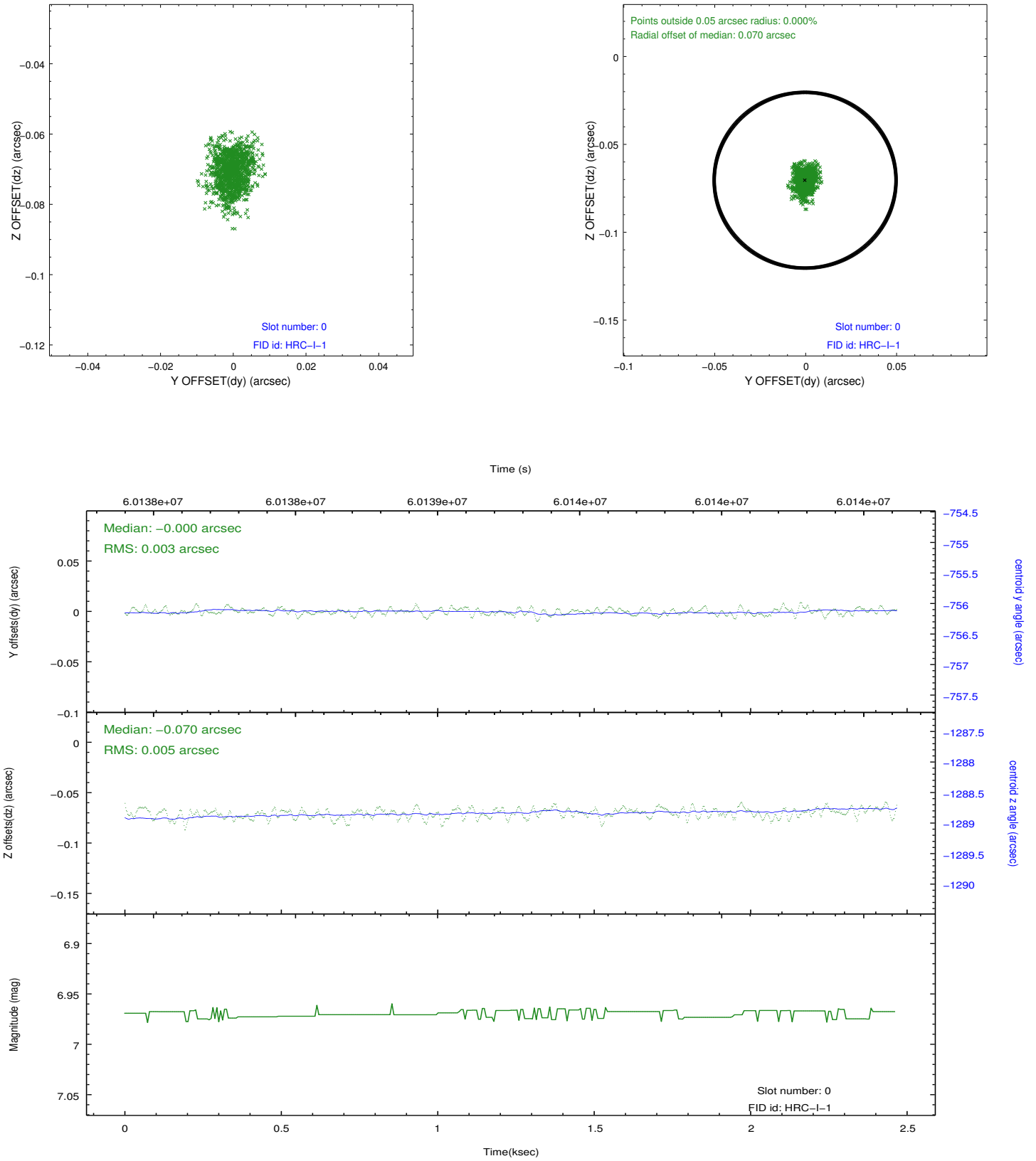


2.4.5 Slot 7

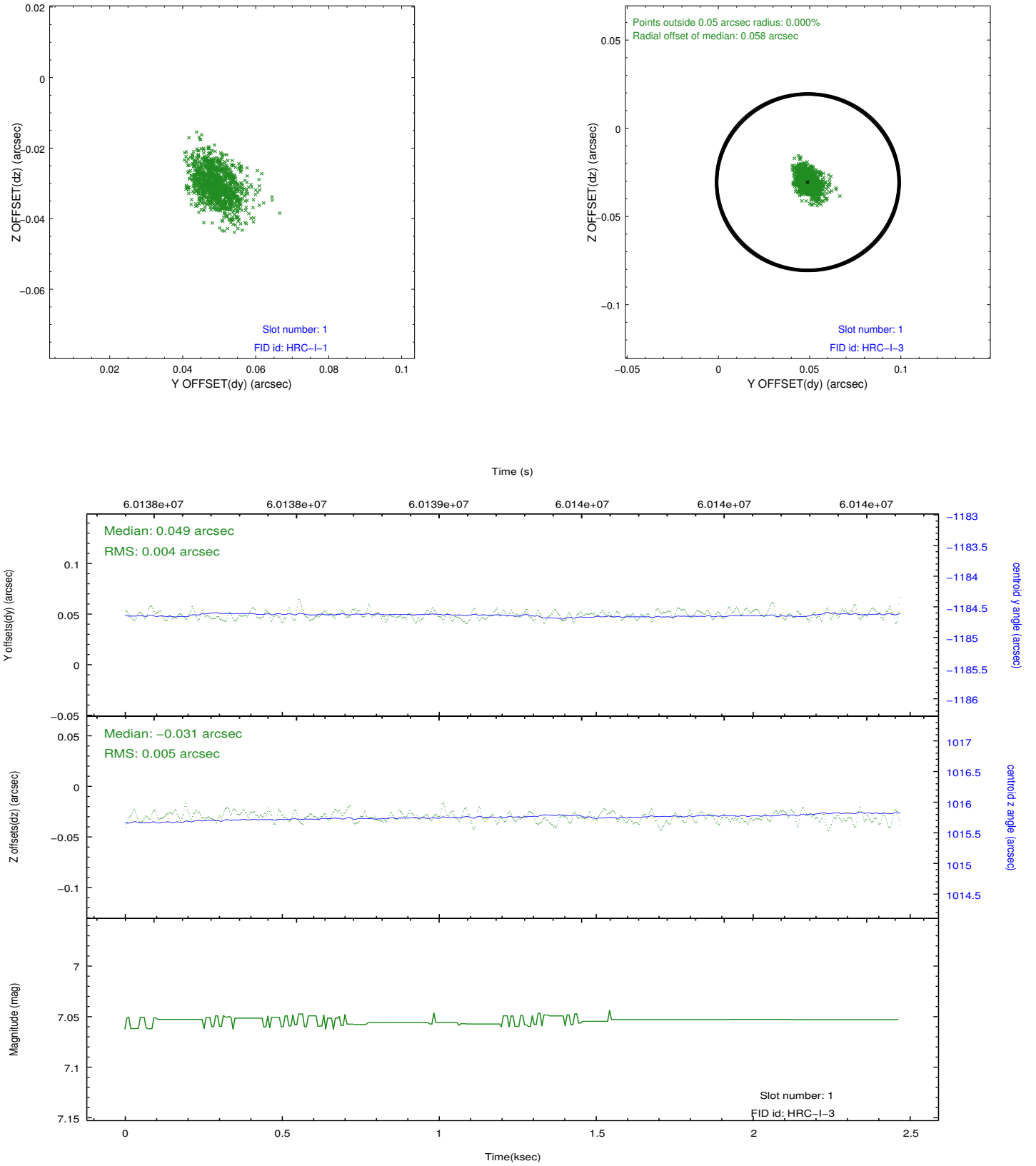


2.5 FID Slots

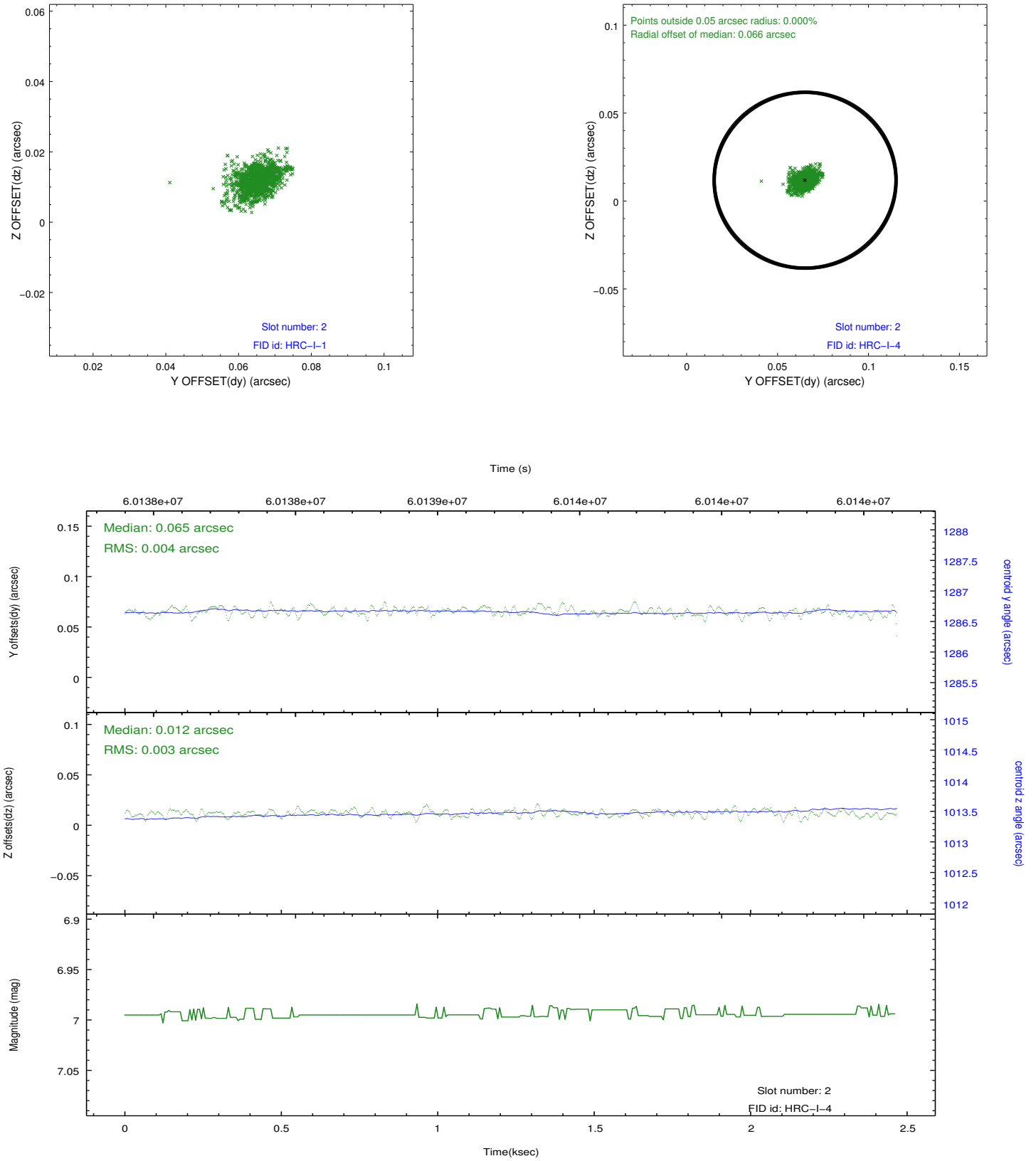
2.5.1 Slot 0



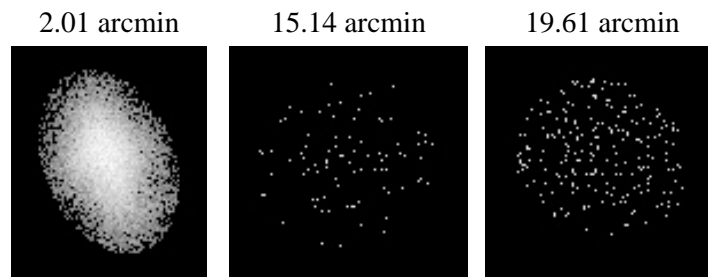
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.264

A.2 Comments

HRC-I point spread function calibration