

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5414 - L2 Version 3
Chandra X-Ray Center

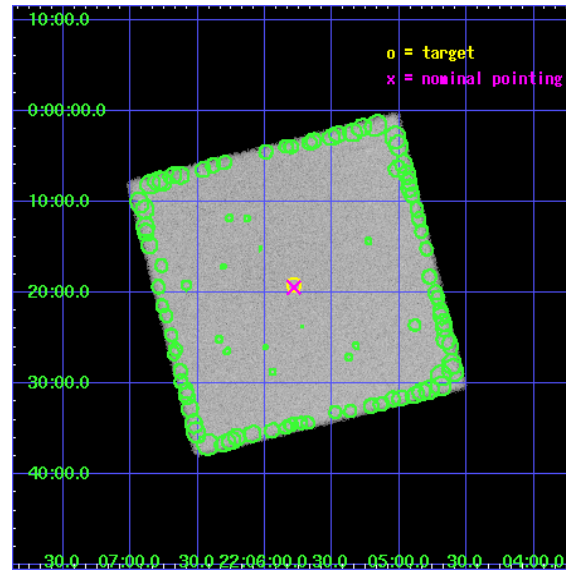
L2 Processing Date : Nov 24 2007

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1 Front

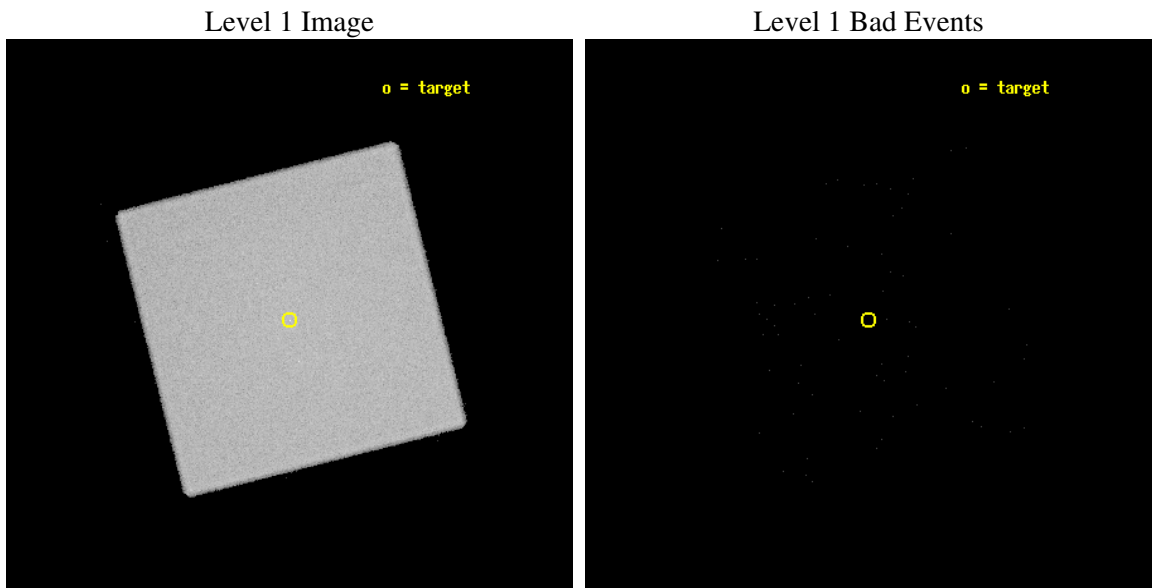
seq_num	200347
obs_id	5414
title	Resolving the Puzzle of Hybrid Star Coronal X-rays
observer	Dr. THOMAS AYRES
object	HD 209750
ra_targ	331.445833
dec_targ	-0.319861
ra_nom	331.44639895139
dec_nom	-0.32399935001287
roll_nom	300.91542331555
revision	3
ontime	20148.682158172
livetime	20008.699852112
l2events	747790



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-24T05:06:41
revision	3

sched_exp_time	20000.000000
ontime	20148.682158172
l1events	1149778

2.1.3 Events

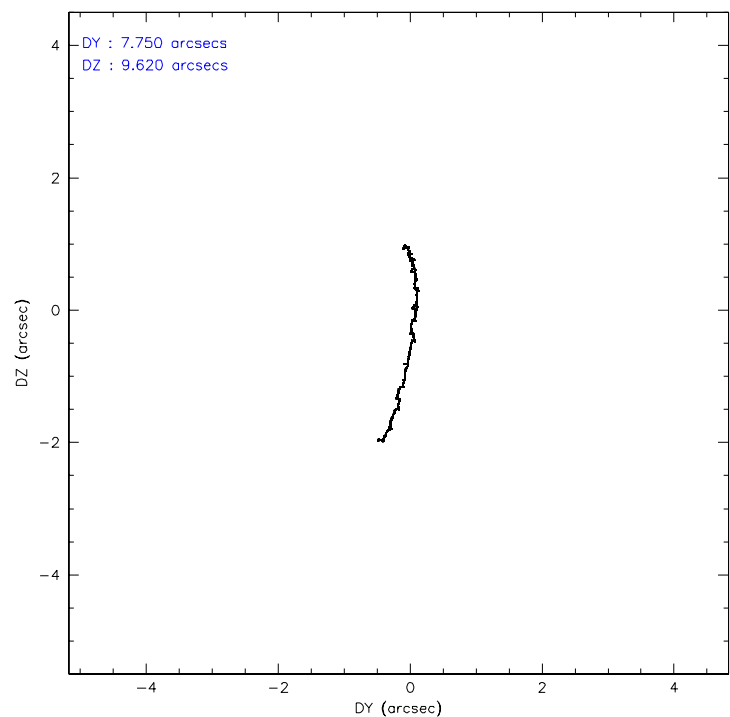
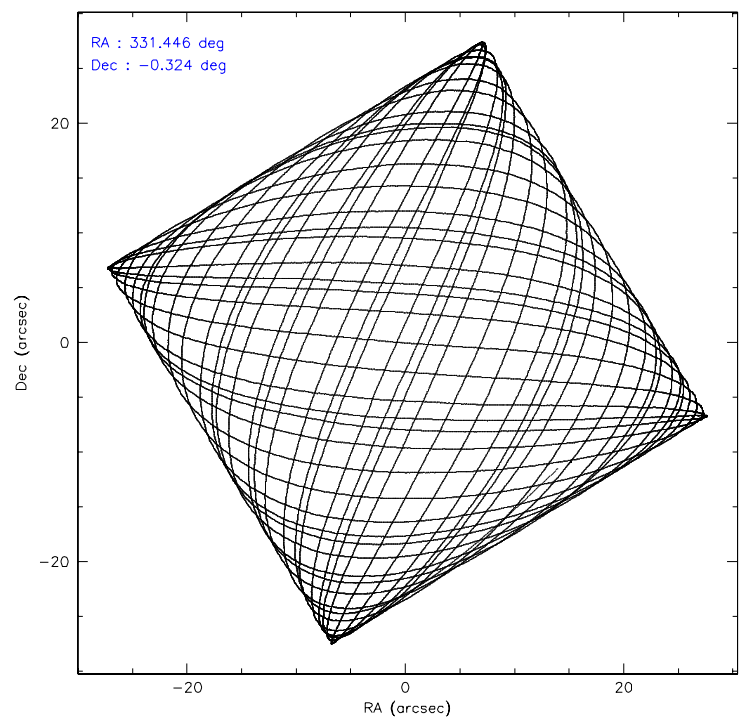
Level 1 Events

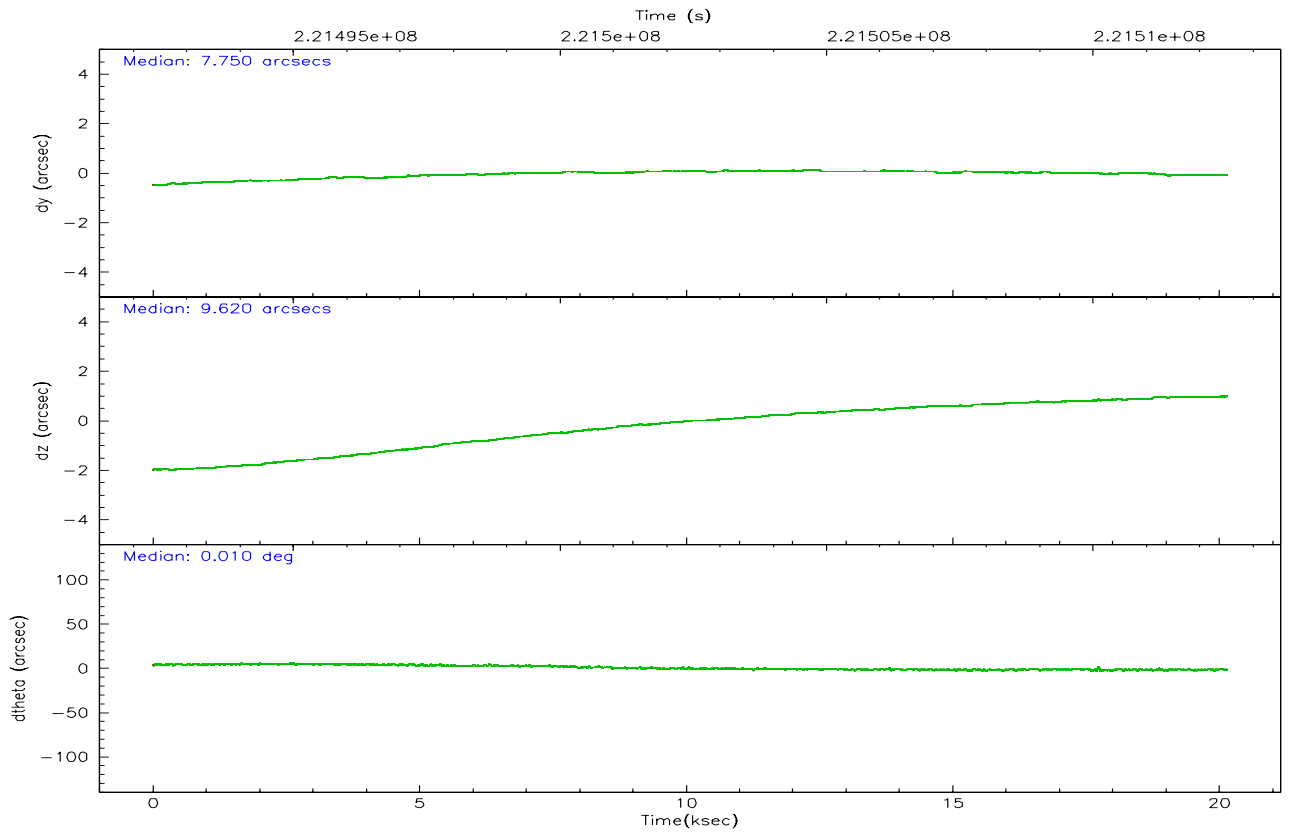
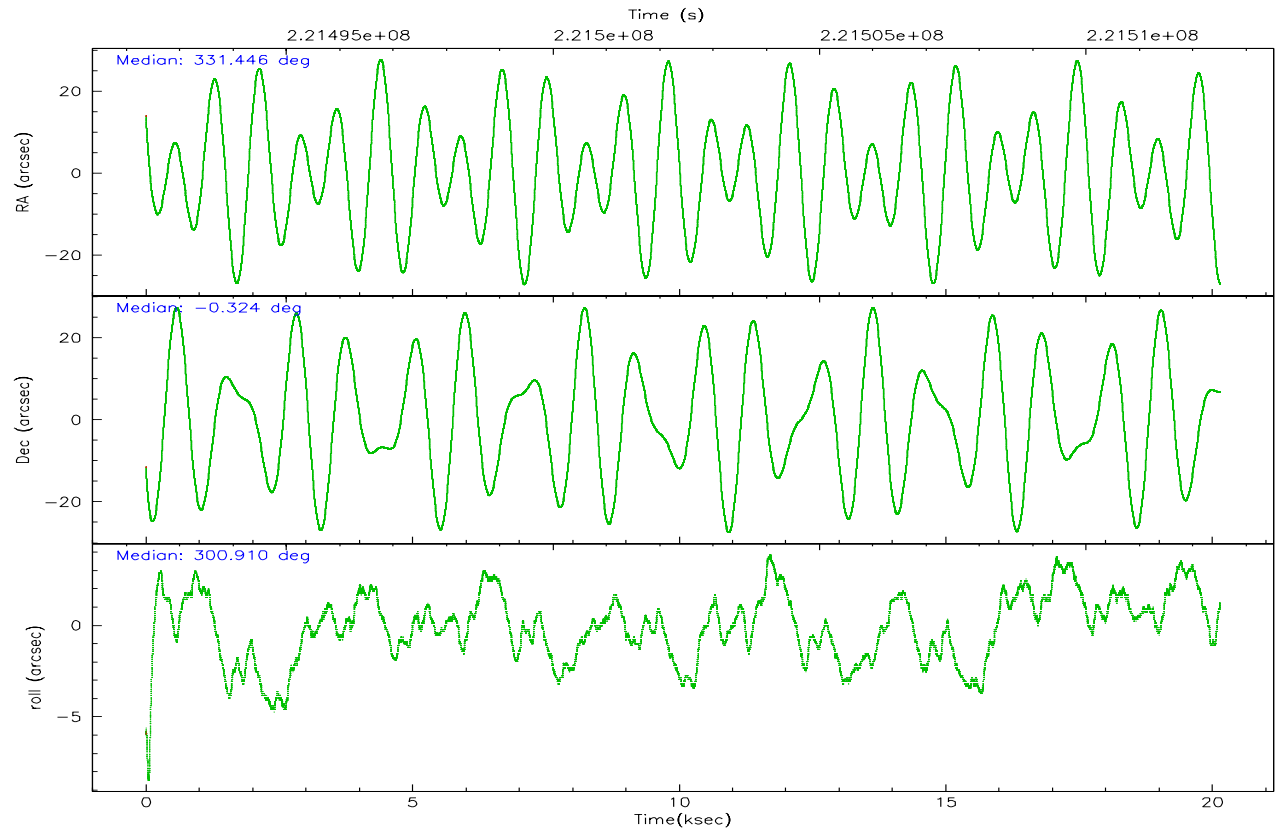
	segment 0
level 1 events	1149778
rejected events	42906
rejected %	3%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	331.422439	331.4463989513873			
Pointing Dec	-0.311364	-0.3239993500128727			
Pointing Roll	301.010777	300.9154233155515			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	221492516.184000	221491538.00005			
Observation start date	2005-01-07T13:40:52	2005-01-07T13:25:38			
Observation end time	221512516.184000	221513028.15102			
Observation end date	2005-01-07T19:14:12	2005-01-07T19:23:48			

2.3 Aspect



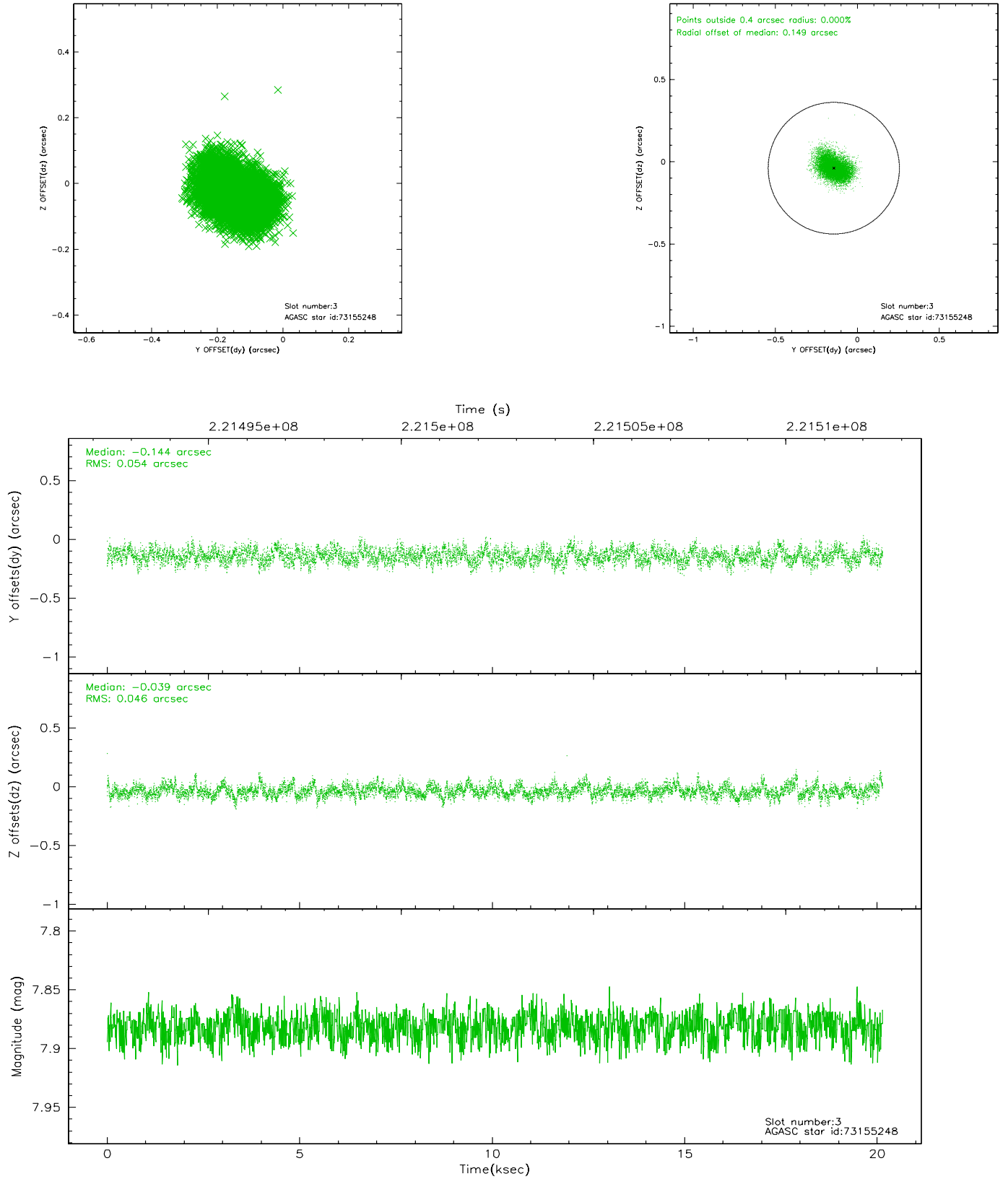


Slot Statistics

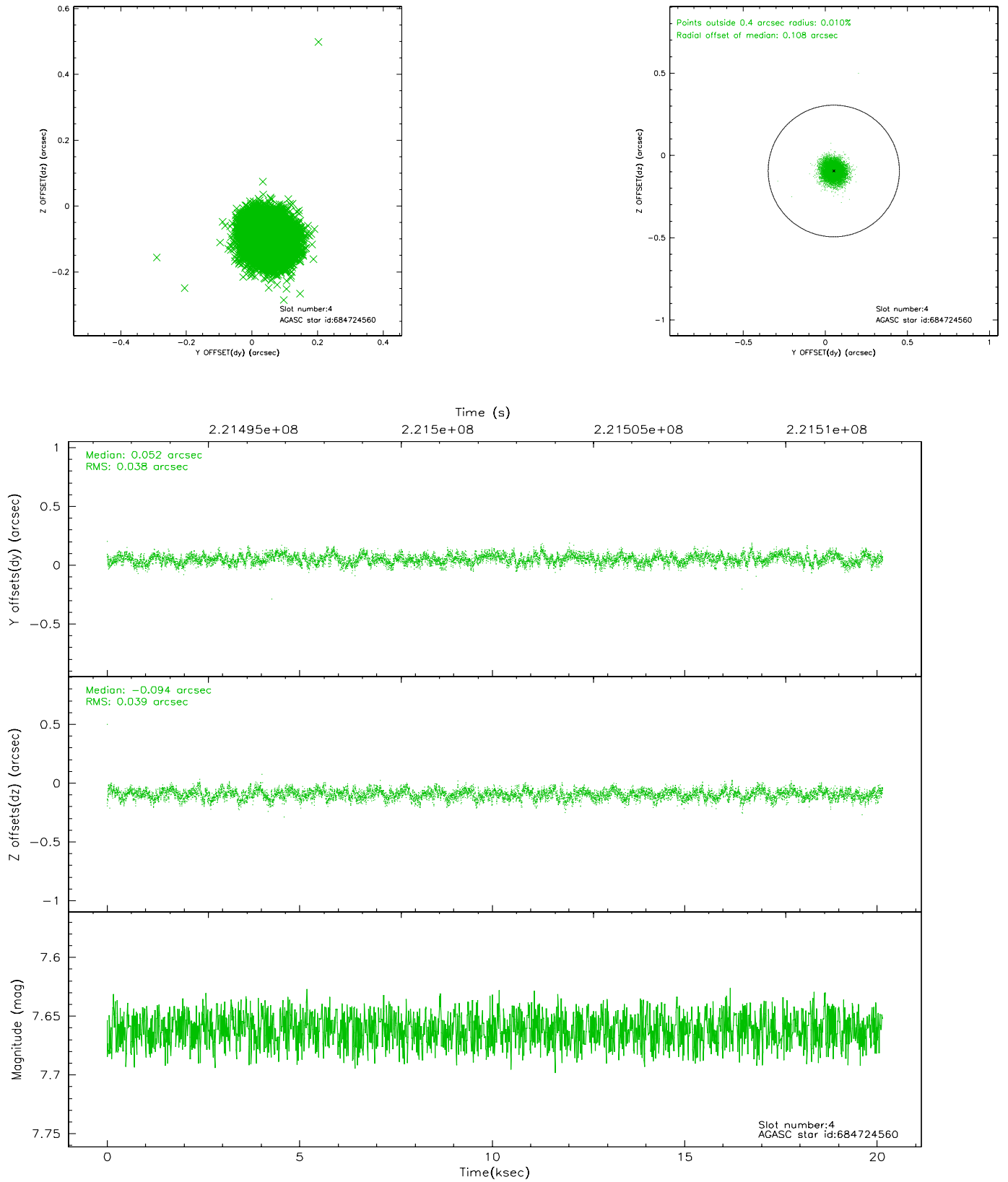
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	4914	0.015	0.034	0.027	0.038	0.000000	0.000000	-763.32	-1297.23
1	FID	HRC-I-3	7.05	4914	-0.024	-0.100	0.014	0.042	0.000000	0.000000	-1191.94	1006.95
2	FID	HRC-I-4	6.99	4914	0.121	-0.022	0.021	0.038	0.000000	0.000000	1279.40	1005.01
3	GUIDE	73155248	7.88	9830	-0.144	-0.039	0.076	0.123	331.348846	0.261149	-1902.91	834.87
4	GUIDE	684724560	7.66	9829	0.052	-0.094	0.058	0.093	331.712195	-0.748932	1887.64	82.49
5	GUIDE	684725424	9.54	9826	0.100	0.006	0.104	0.182	331.313843	-0.700069	998.78	-1055.38
6	GUIDE	684726104	9.13	9826	0.072	-0.023	0.086	0.140	331.127859	-0.834413	1068.21	-1878.72
7	GUIDE	684731584	10.00	9812	-0.075	0.150	0.138	0.229	331.170044	-0.028510	-1340.51	-254.02

2.4 Star Slots

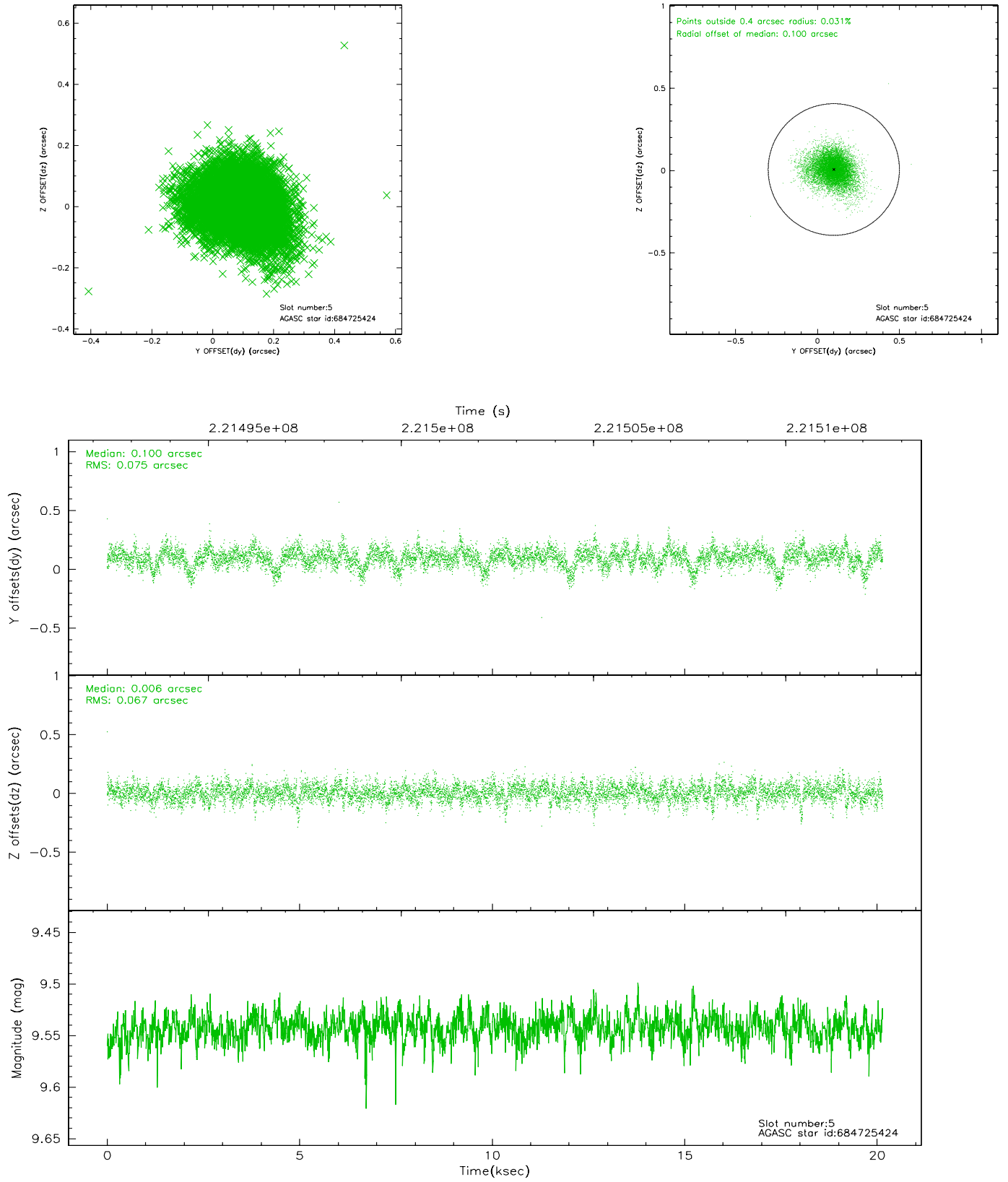
2.4.1 Slot 3



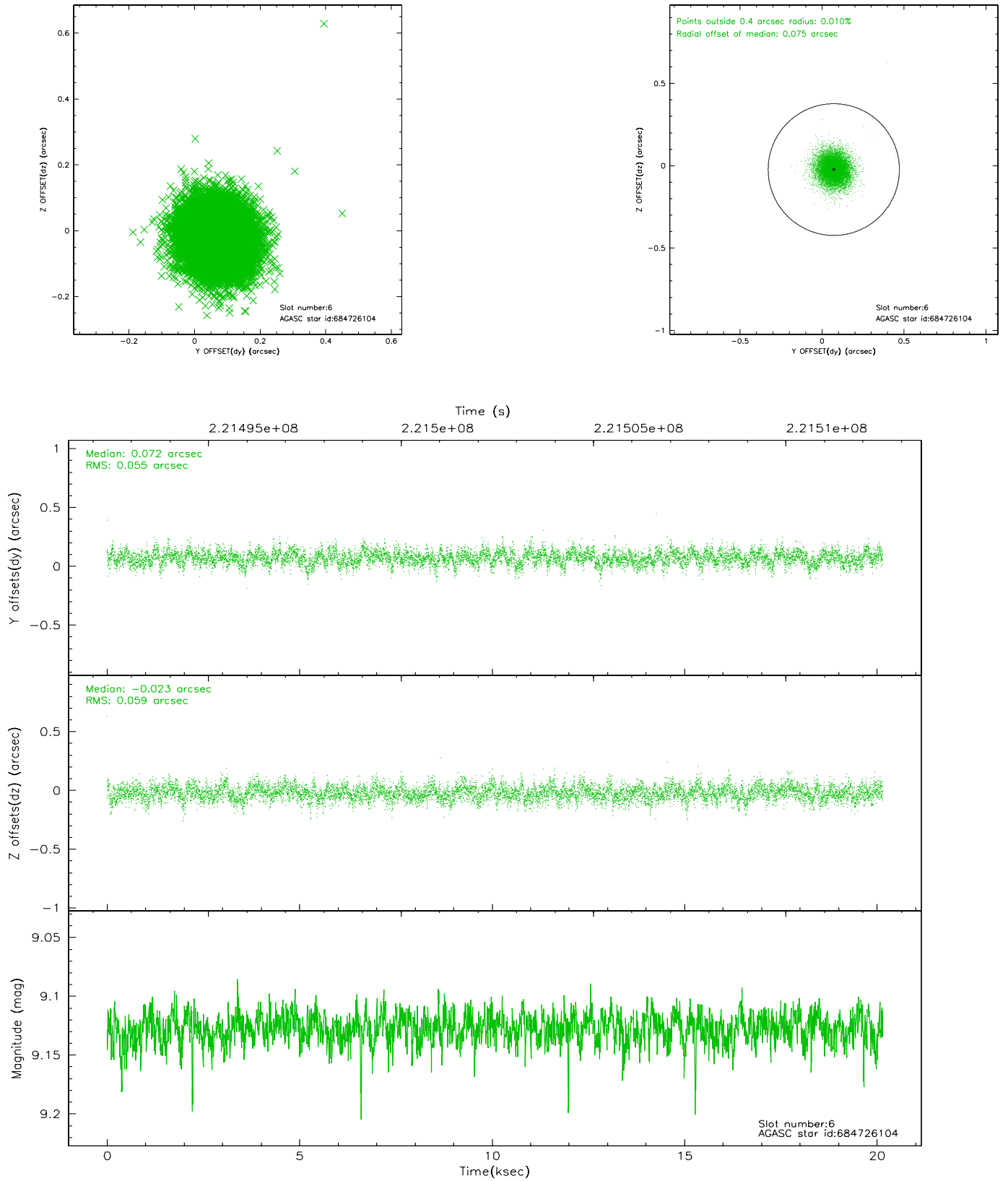
2.4.2 Slot 4



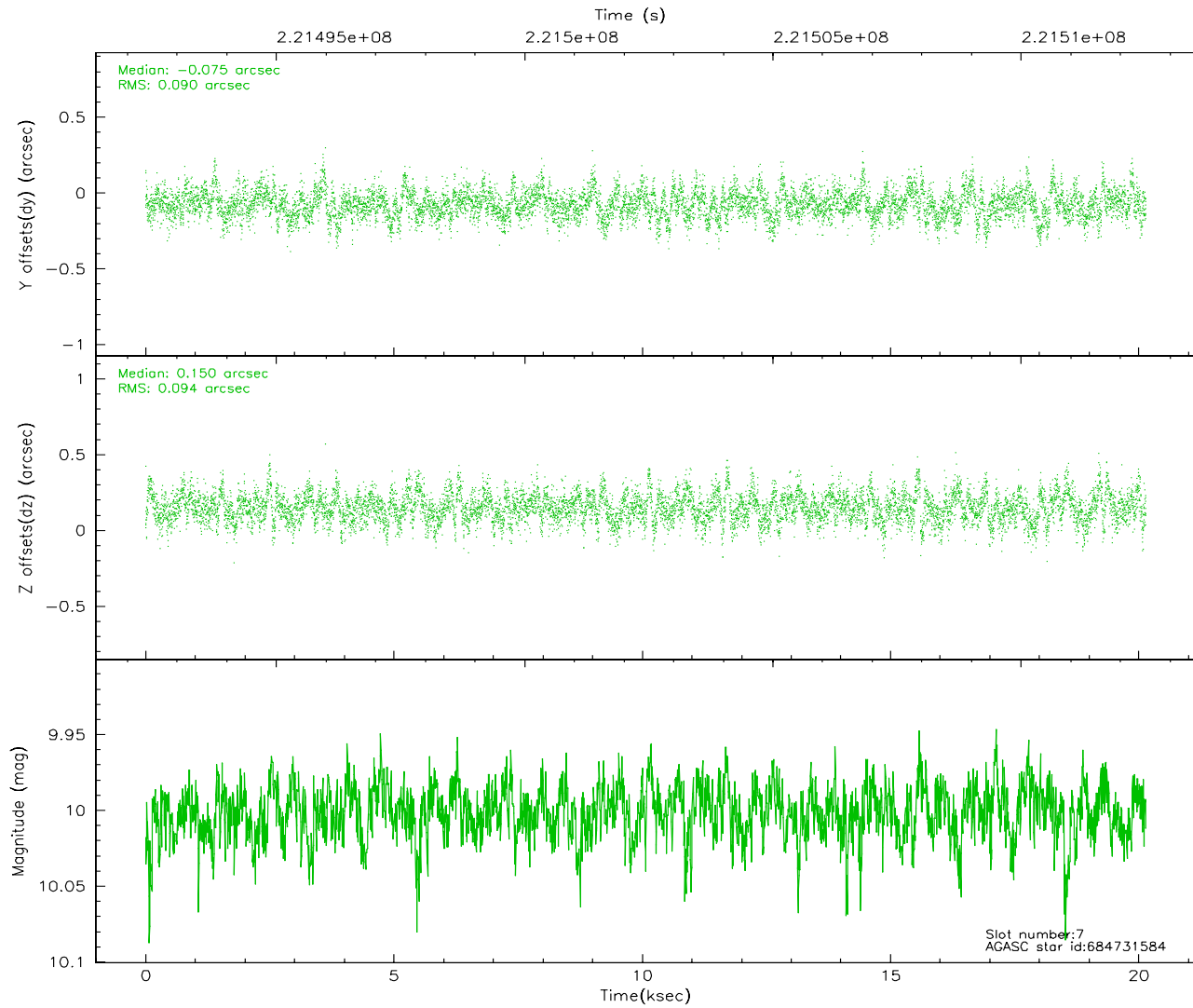
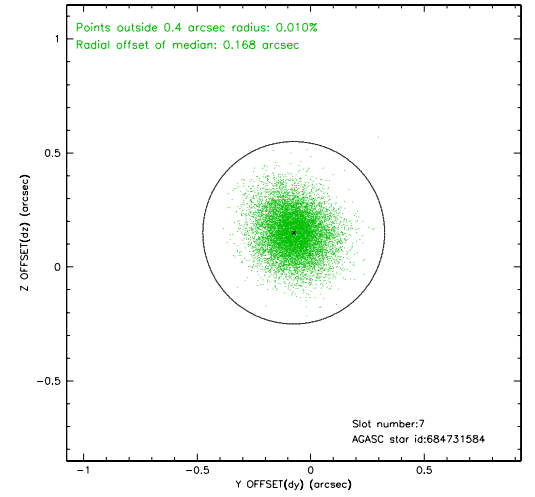
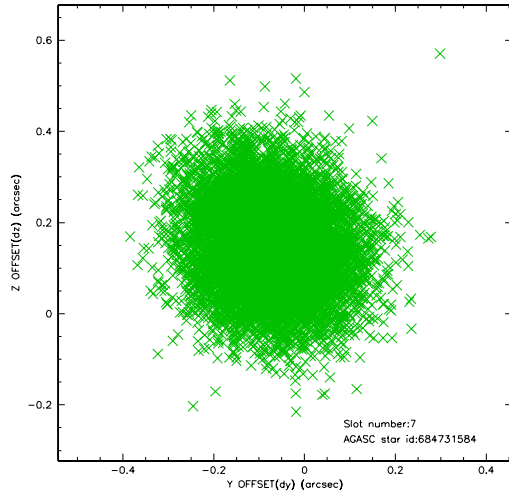
2.4.3 Slot 5



2.4.4 Slot 6

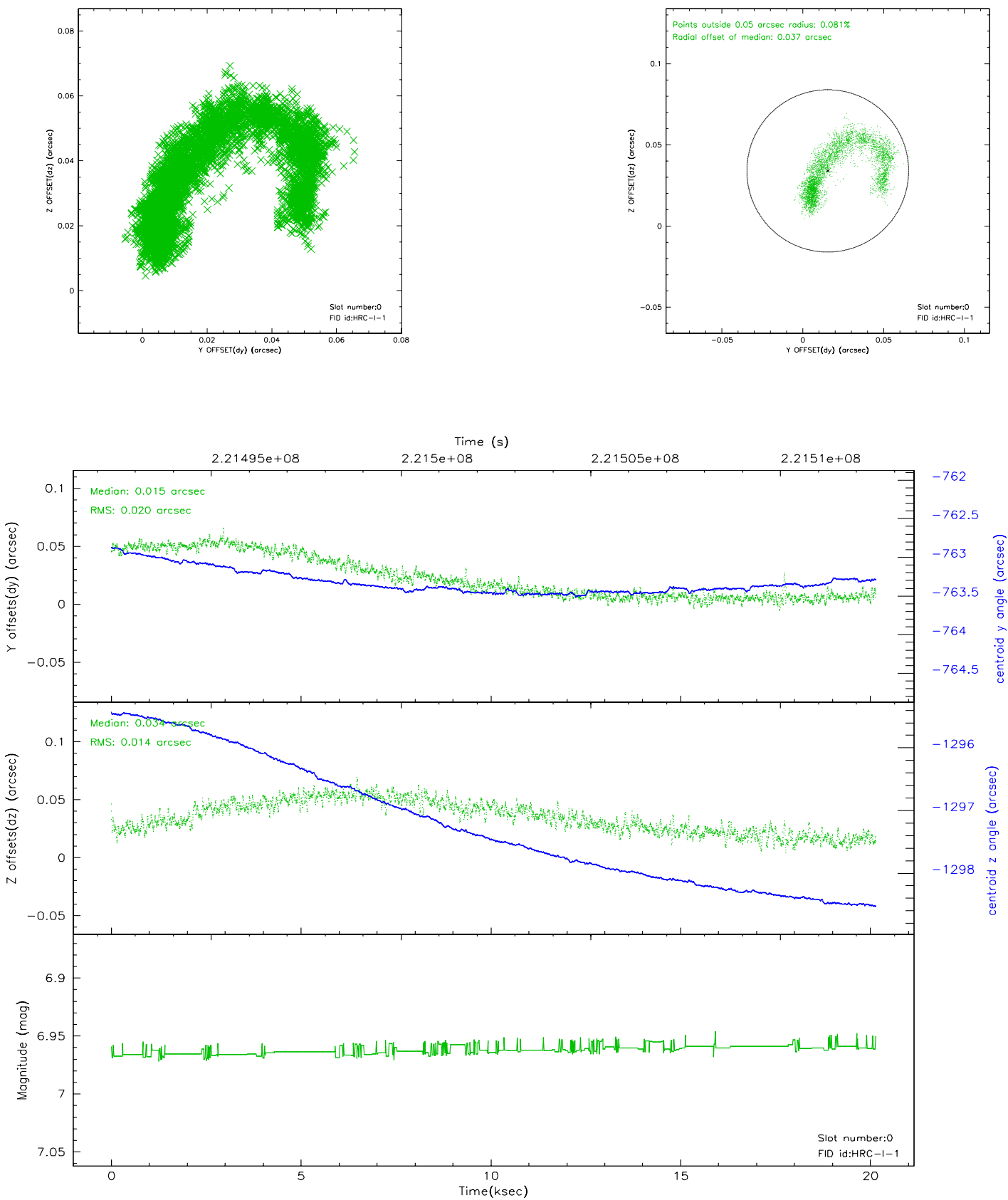


2.4.5 Slot 7

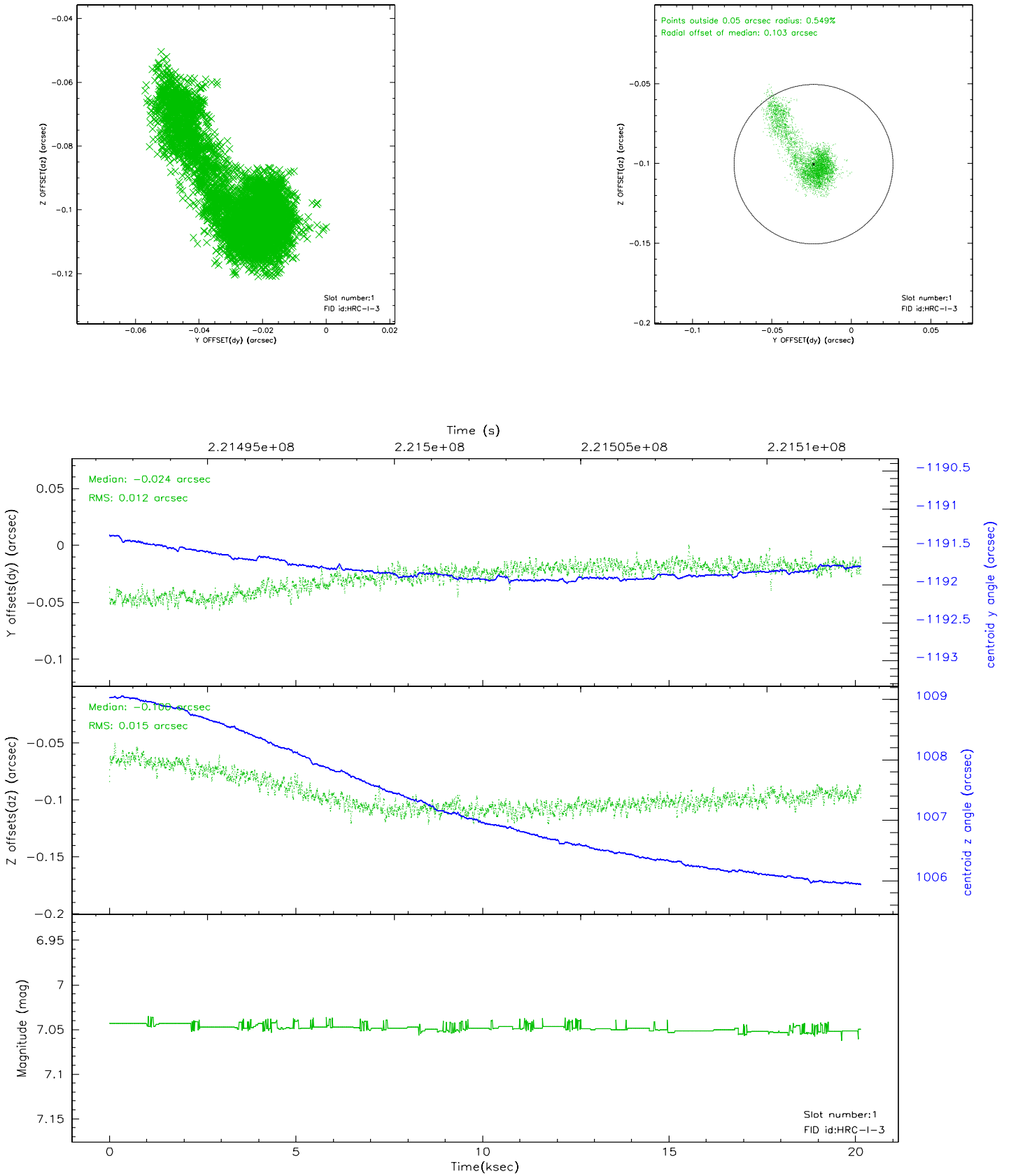


2.5 FID Slots

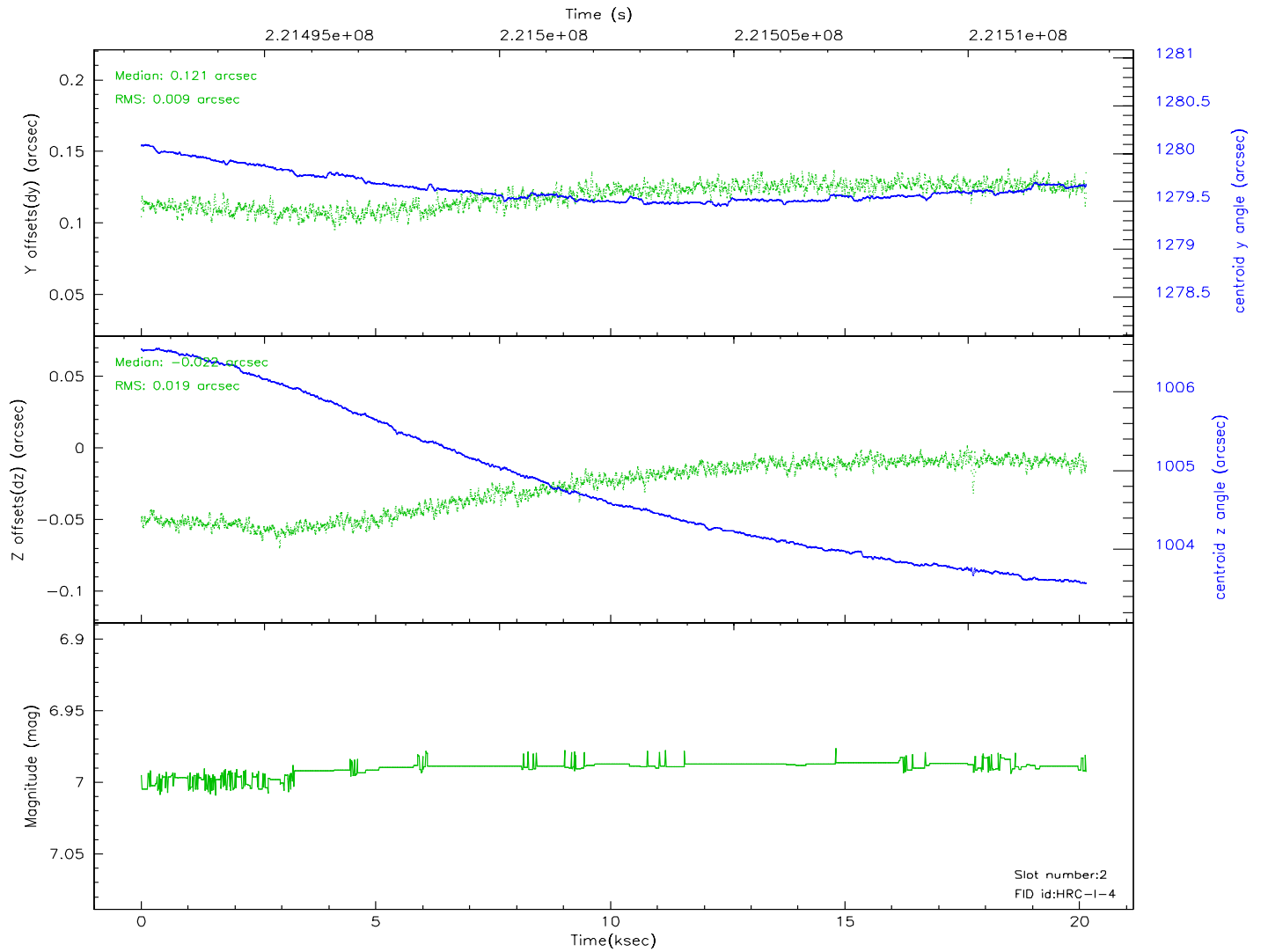
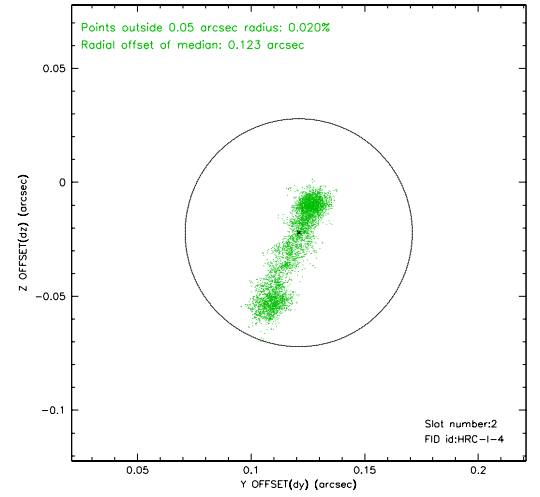
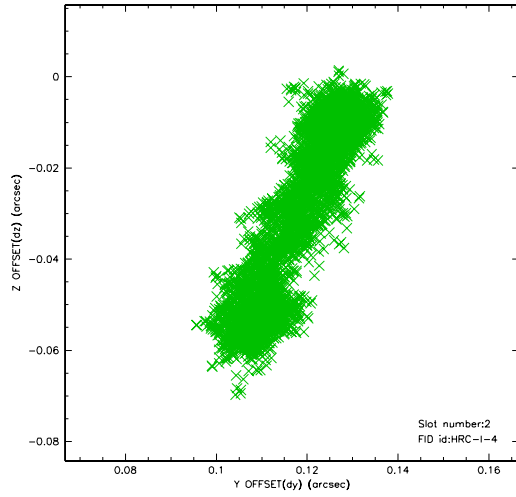
2.5.1 Slot 0



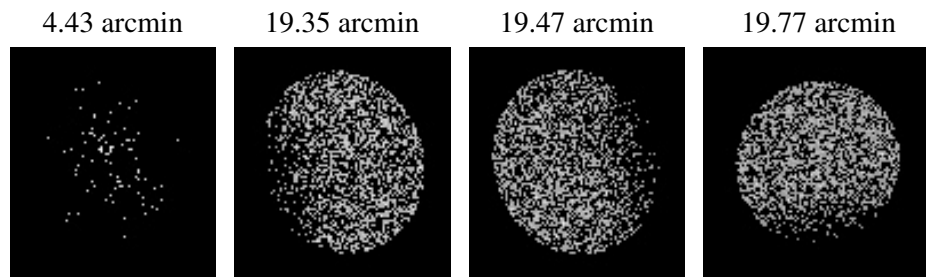
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.14868

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at:

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.