

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5413 - L2 Version 3
Chandra X-Ray Center

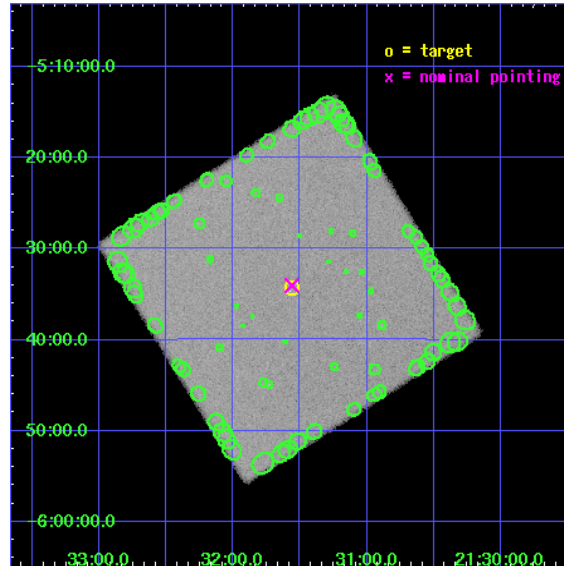
L2 Processing Date : Nov 24 2007

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1 Front

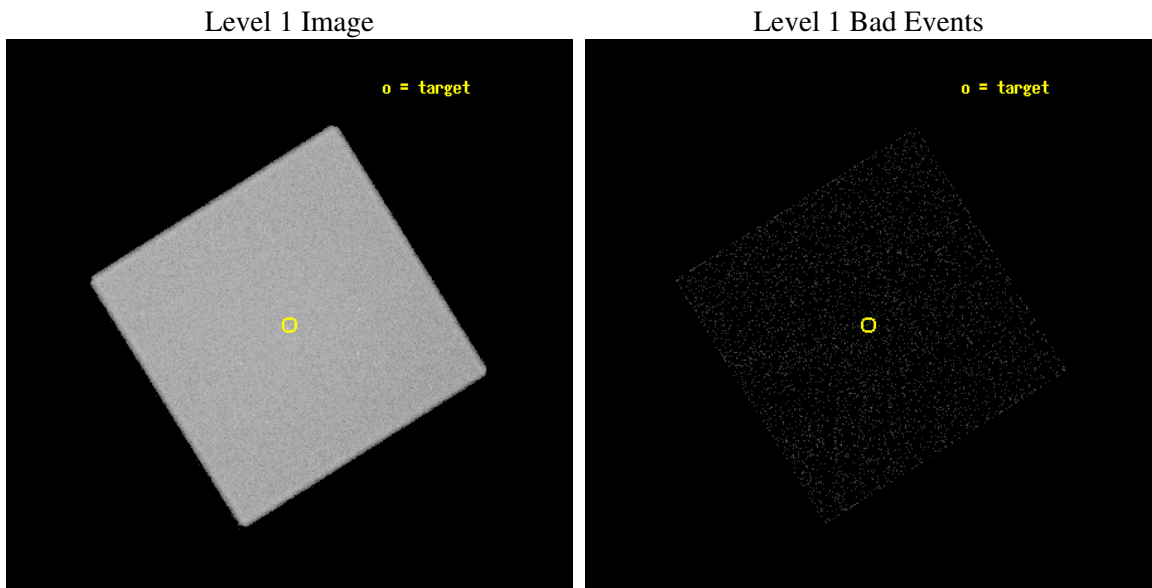
seq_num	200346
obs_id	5413
title	Resolving the Puzzle of Hybrid Star Coronal X-rays
observer	Dr. THOMAS AYRES
object	HD 204867
ra_targ	322.889583
dec_targ	-5.571167
ra_nom	322.89029253071
dec_nom	-5.5671667806434
roll_nom	102.96366967097
revision	3
ontime	20146.632165641
livetime	20007.499397727
l2events	734621



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-24T07:07:44
revision	3

sched_exp_time	20000.000000
ontime	20146.632165641
l1events	1186859

2.1.3 Events

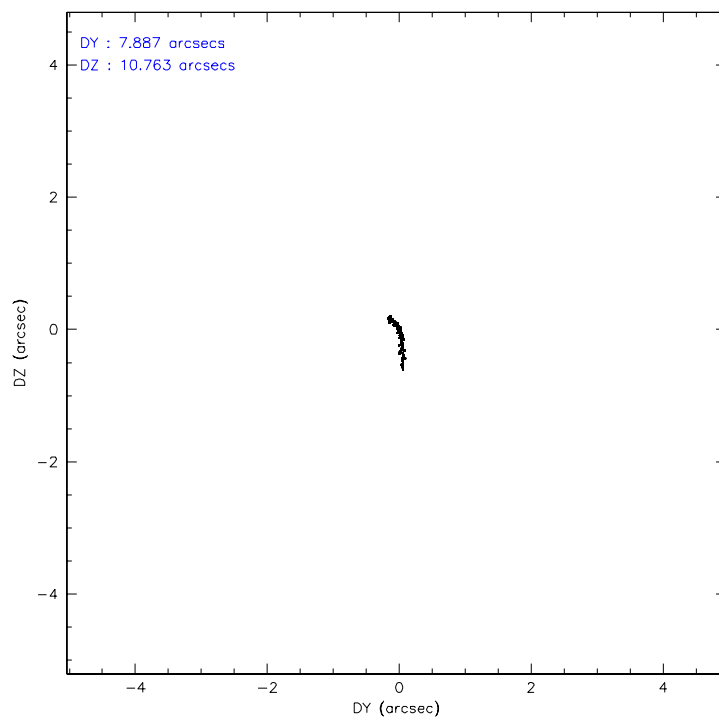
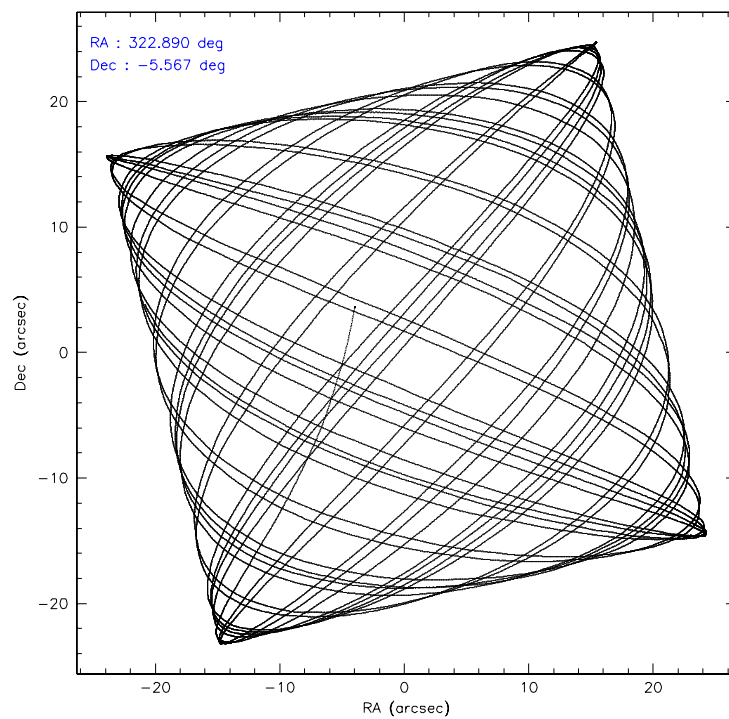
Level 1 Events

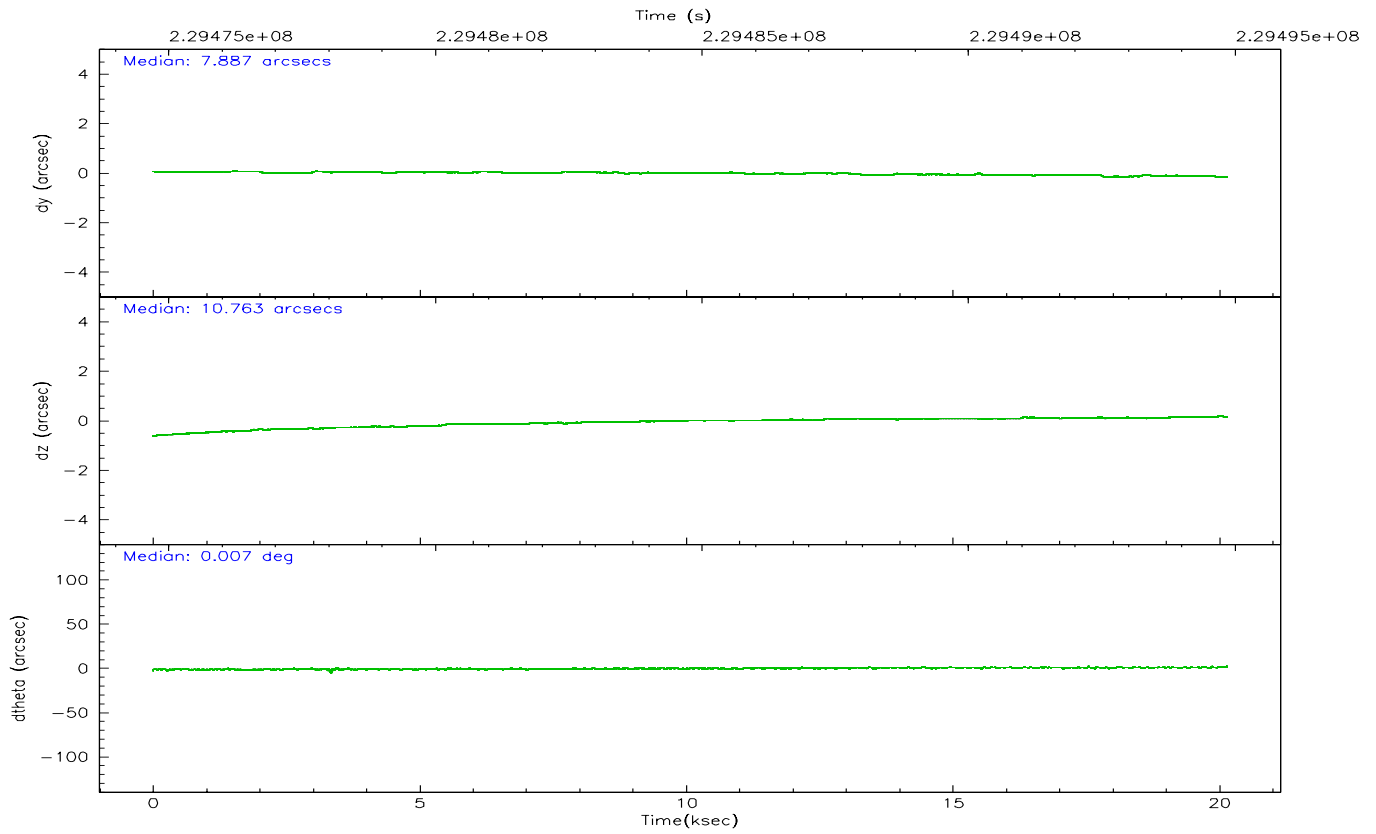
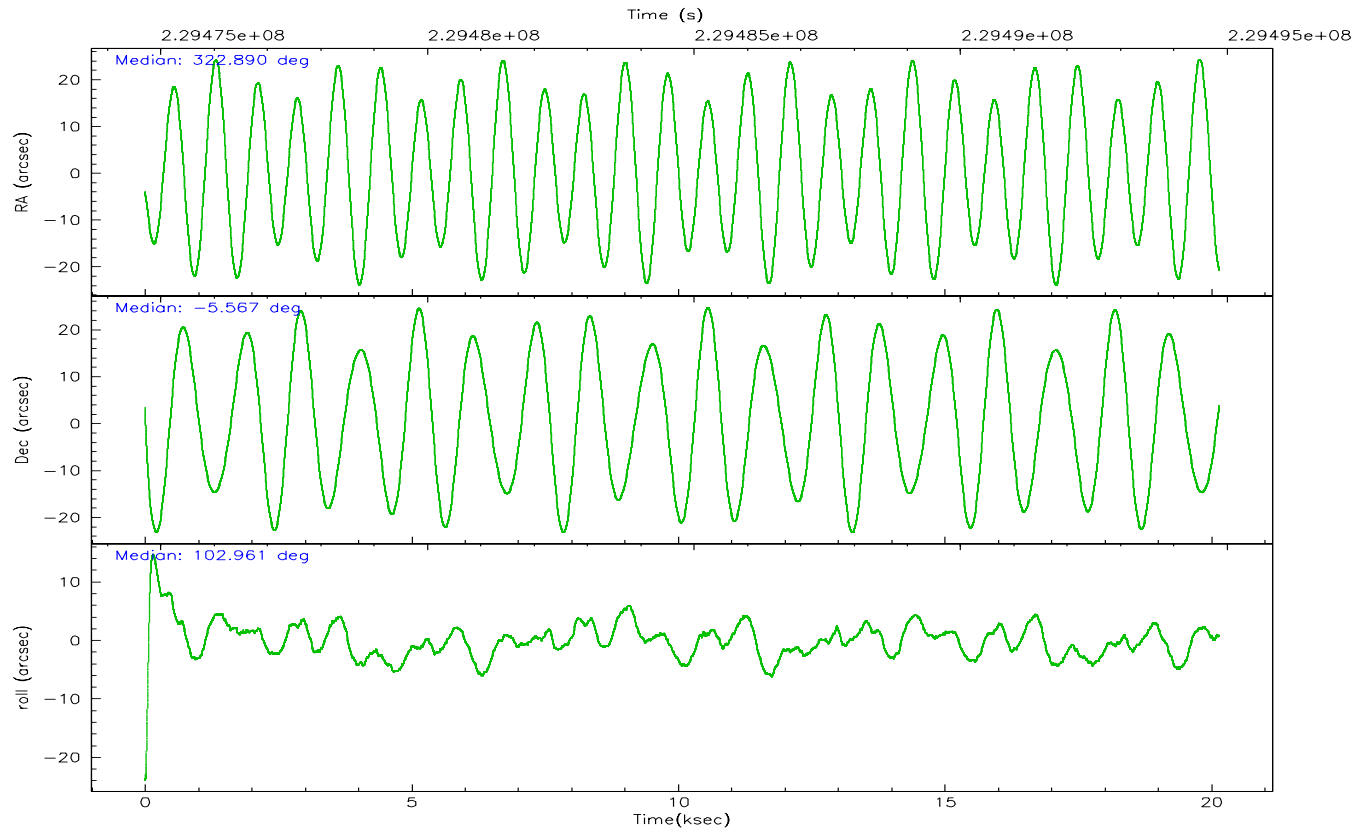
	segment 0
level 1 events	1186859
rejected events	86523
rejected %	7%

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	322.909312	322.8902925307066			
Pointing Dec	-5.586460	-5.567166780643441			
Pointing Roll	103.061045	102.963669670965			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9804656746847			
SIM translation stage offset (mm)	0	0.005023216916882234			
Observation start time	229474844.184000	229473585.43639			
Observation start date	2005-04-09T22:59:40	2005-04-09T22:39:45			
Observation end time	229494844.184000	229495295.44988			
Observation end date	2005-04-10T04:33:00	2005-04-10T04:41:35			

2.3 Aspect



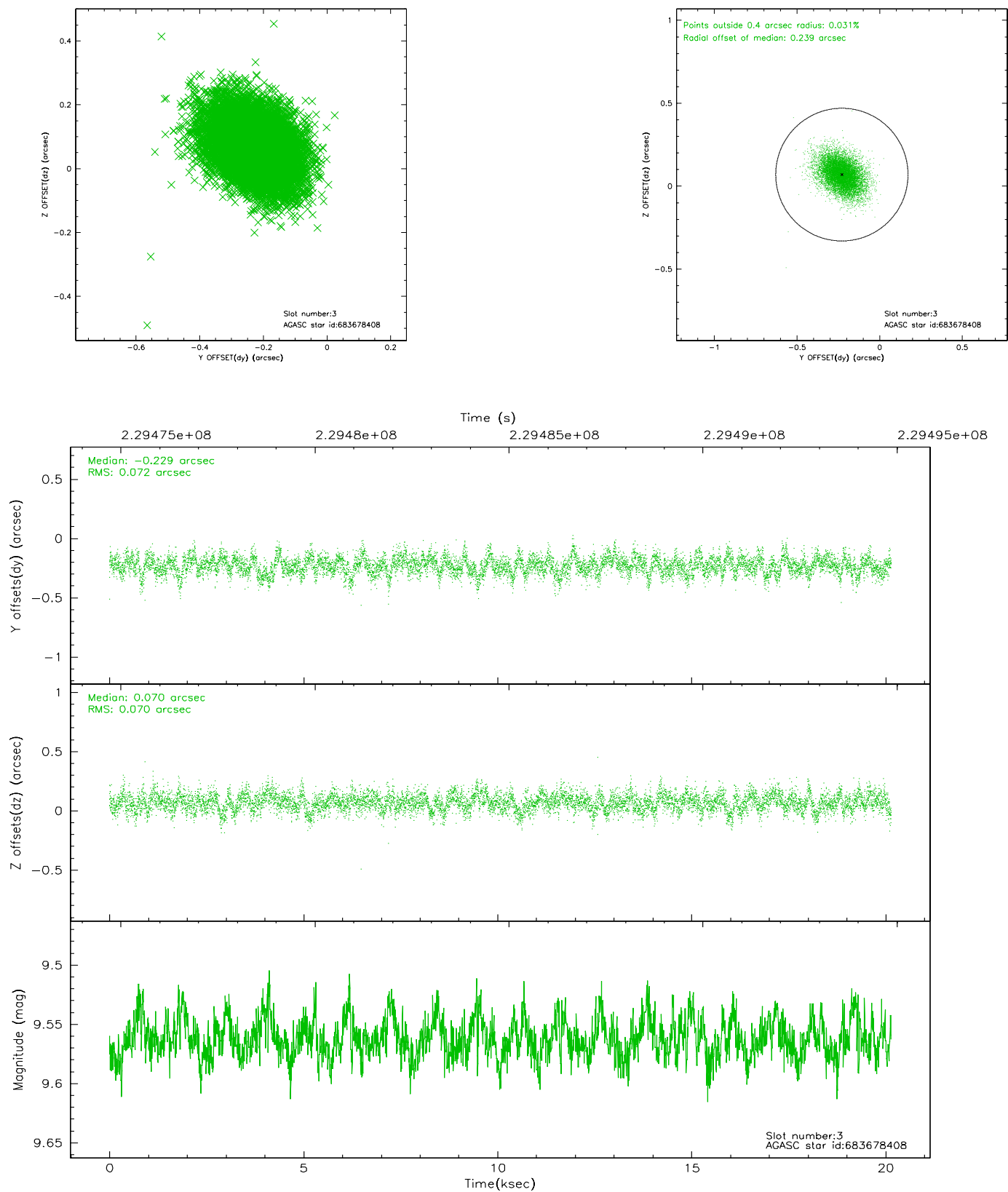


Slot Statistics

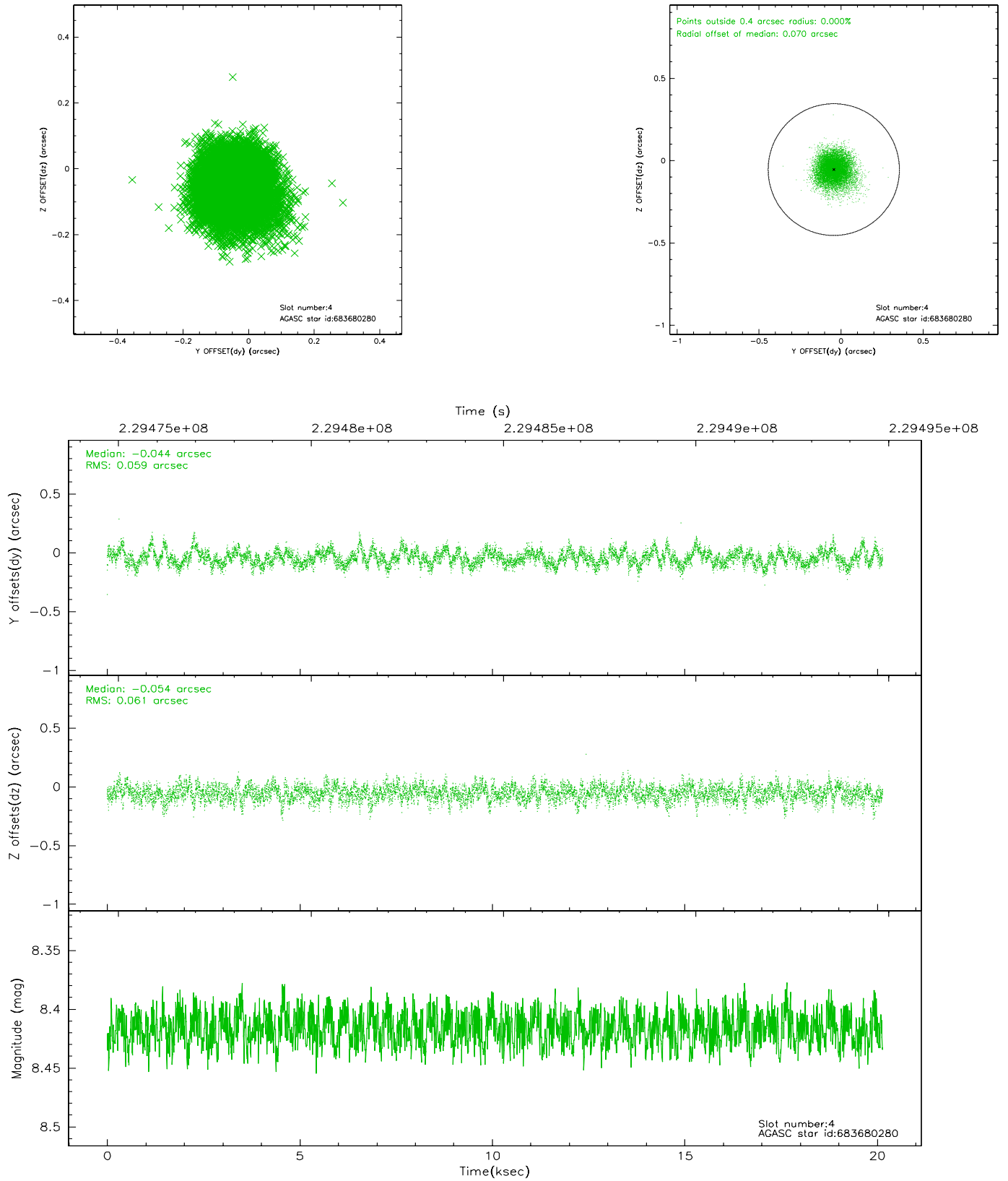
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	4914	0.045	-0.031	0.006	0.011	0.000000	0.000000	849.23	-1300.18
1	FID	HRC-I-3	7.06	4914	-0.049	-0.023	0.006	0.011	0.000000	0.000000	-1191.86	1005.66
2	FID	HRC-I-4	7.00	4914	0.122	-0.032	0.006	0.011	0.000000	0.000000	1279.17	1003.77
3	GUIDE	683678408	9.56	9824	-0.229	0.070	0.105	0.179	323.151188	-5.184055	1215.65	-1171.80
4	GUIDE	683680280	8.42	9826	-0.044	-0.054	0.089	0.146	323.474661	-5.479200	-81.68	-2060.58
5	GUIDE	683683296	8.08	9829	-0.066	0.099	0.076	0.122	323.442990	-5.418620	156.04	-1999.43
6	GUIDE	684200944	9.66	9821	0.196	-0.166	0.111	0.192	323.003491	-6.195563	-2211.27	166.75
7	GUIDE	684204648	9.29	9820	0.151	0.055	0.096	0.166	323.288806	-5.982190	-1694.60	-1001.49

2.4 Star Slots

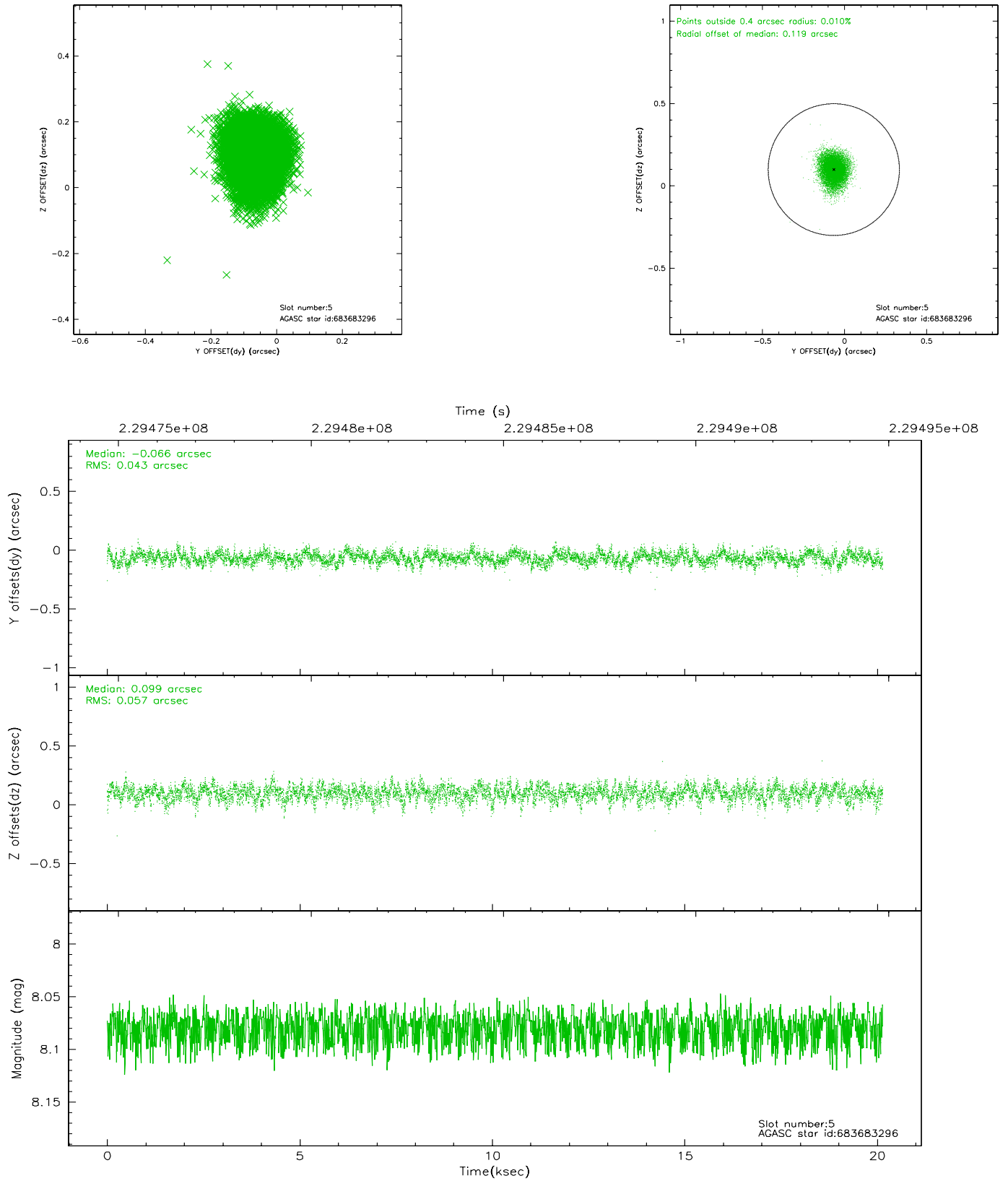
2.4.1 Slot 3



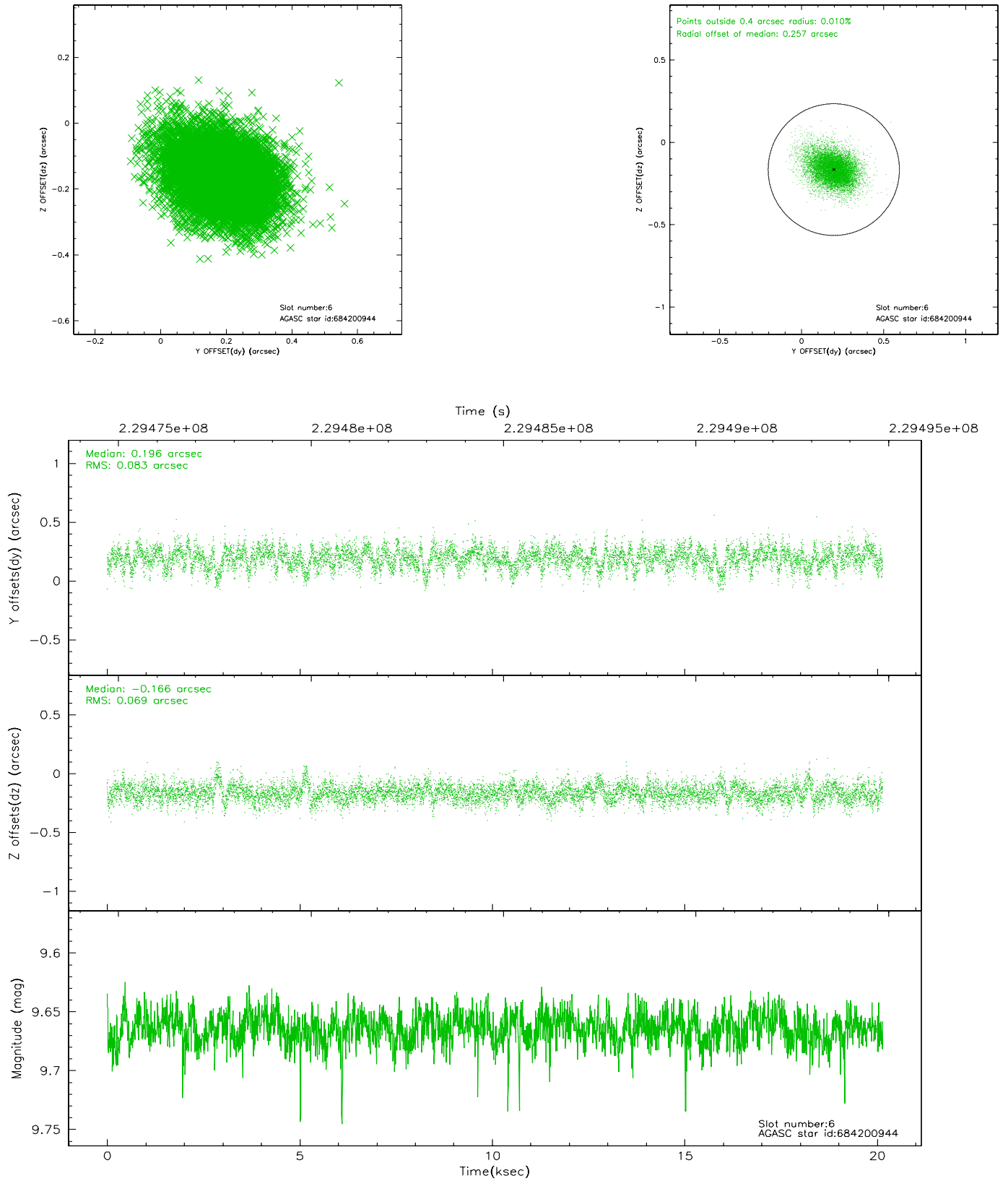
2.4.2 Slot 4



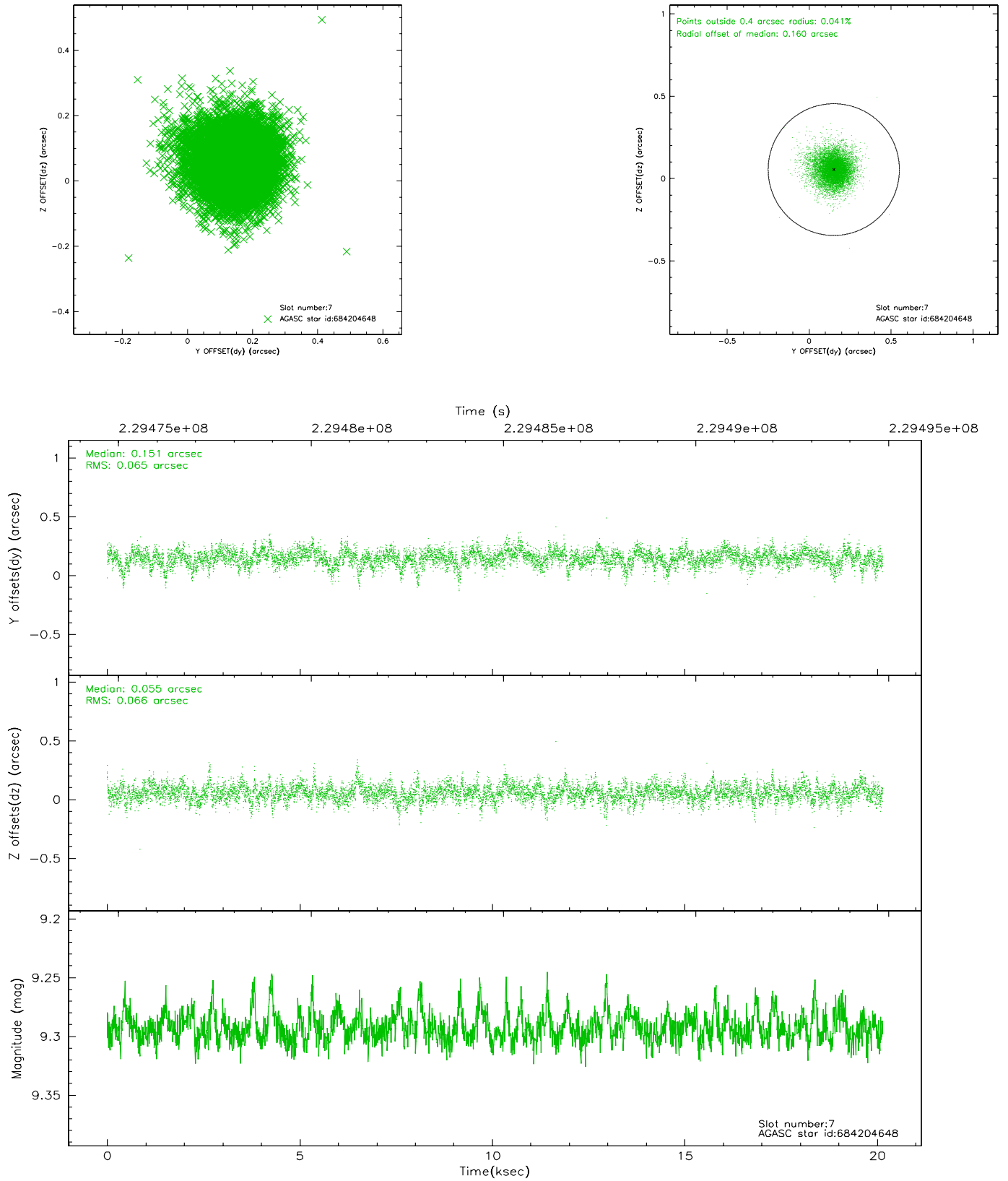
2.4.3 Slot 5



2.4.4 Slot 6

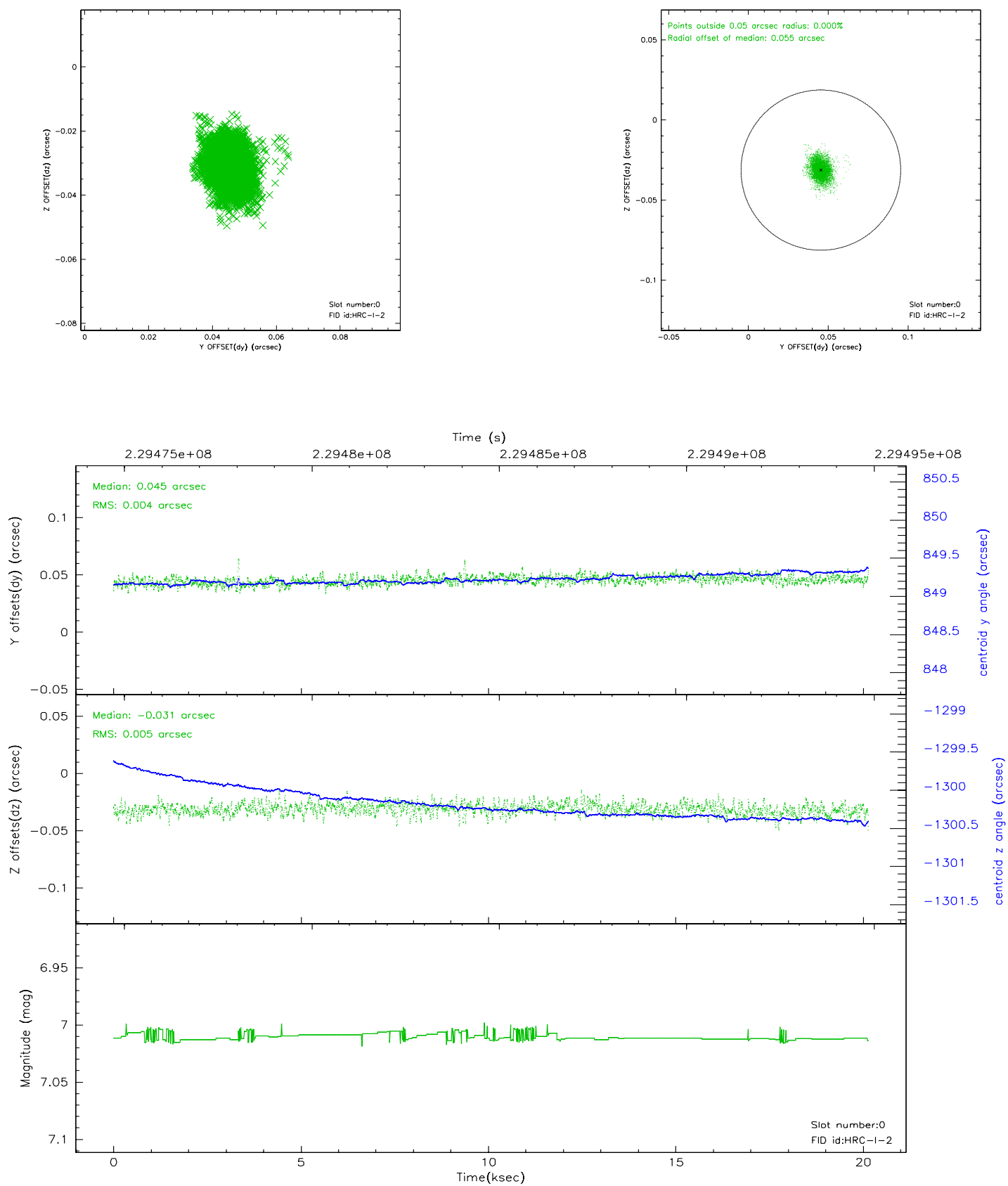


2.4.5 Slot 7

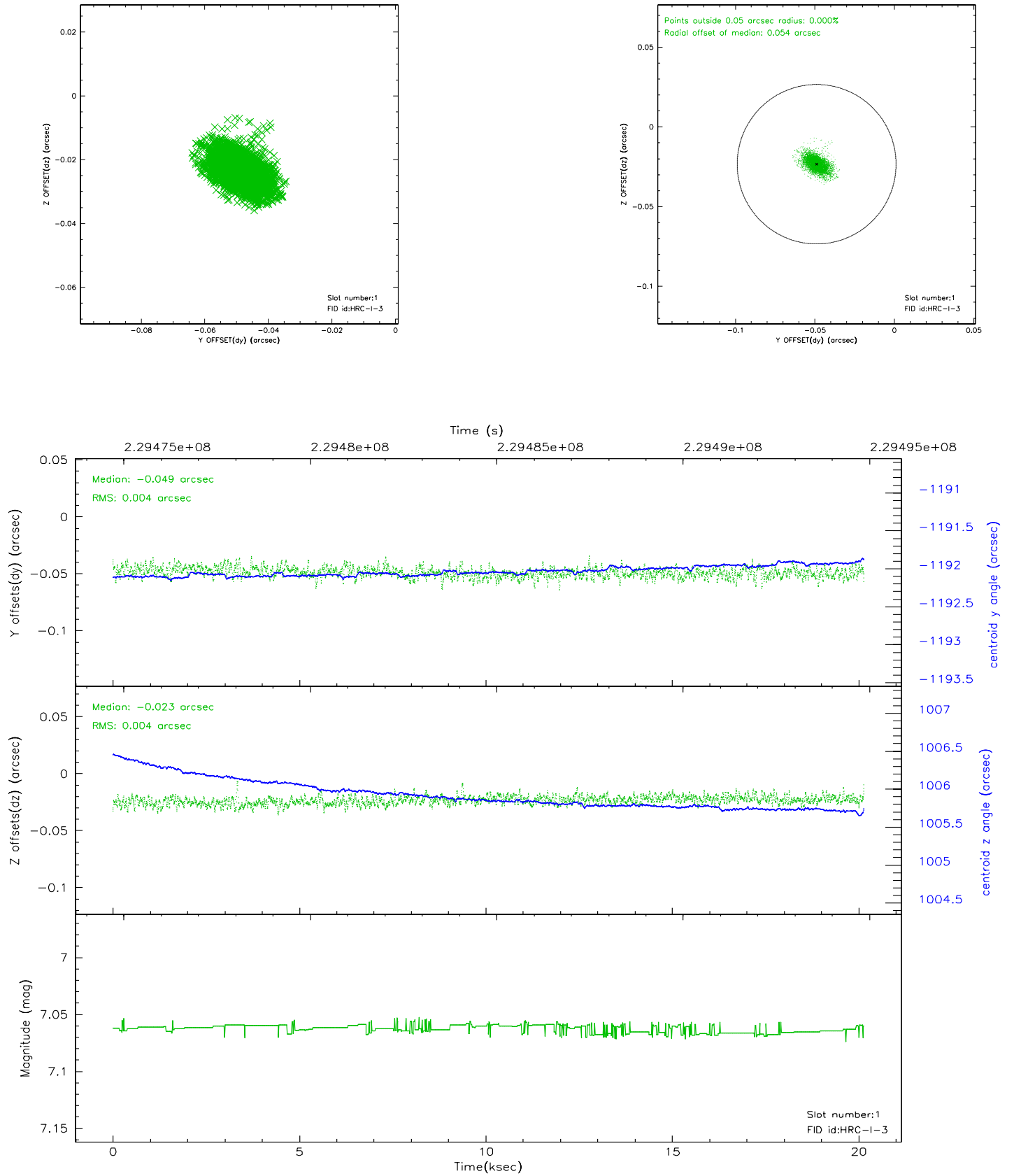


2.5 FID Slots

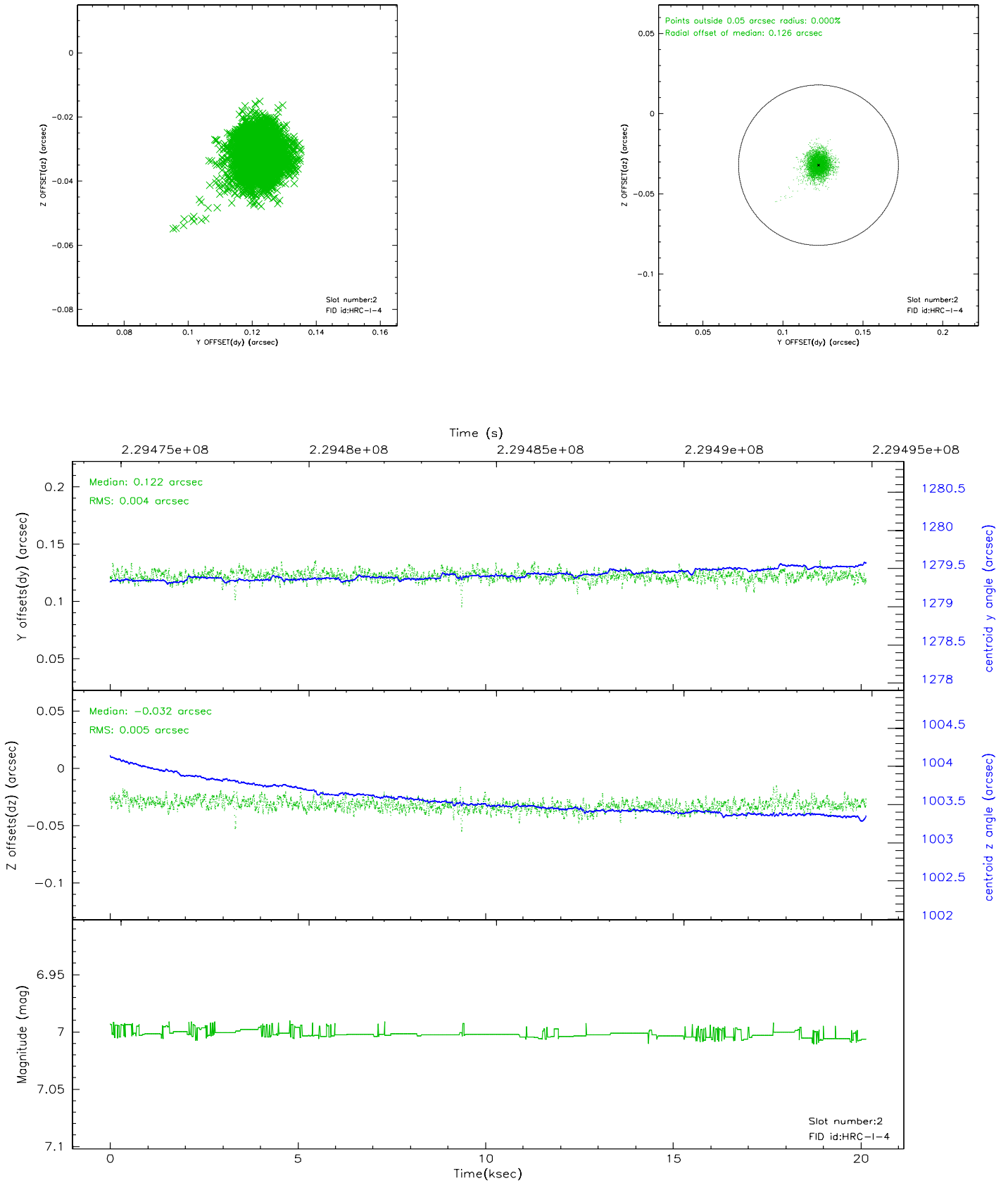
2.5.1 Slot 0



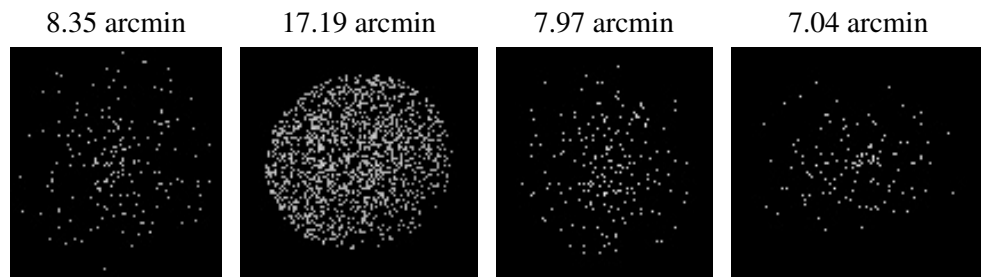
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.14637

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.