

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 263 - L2 Version 4
Chandra X-Ray Center

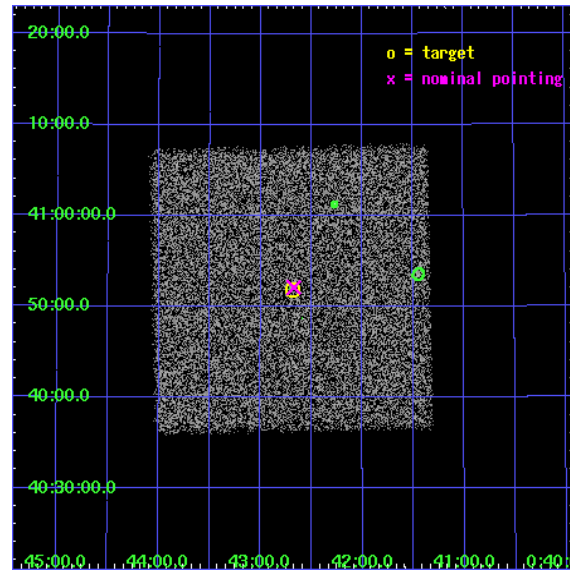
L2 Processing Date : Nov 20 2007

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1 Front

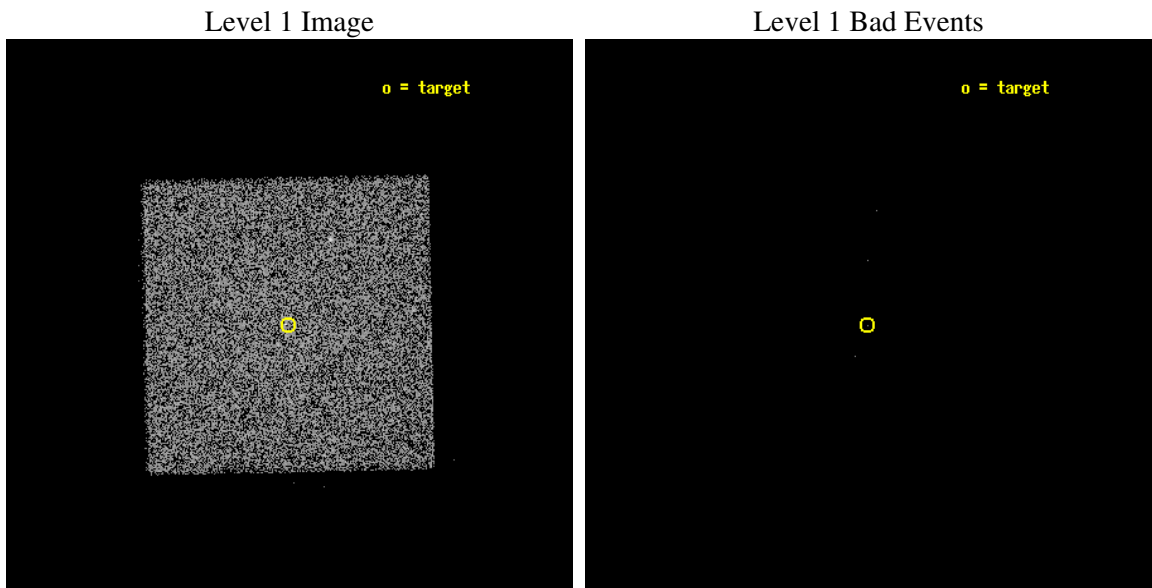
seq_num	600023
obs_id	263
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - South 1
ra_targ	10.67
dec_targ	40.865
ra_nom	10.667961954867
dec_nom	40.868747100472
roll_nom	133.88146060495
revision	4
ontime	1190.2812946141
livetime	1184.2200974109
l2events	35561



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	2007-11-20T13:39:05
revision	4

sched_exp_time	1000.000000
ontime	1190.2812946141
l1events	53237

2.1.3 Events

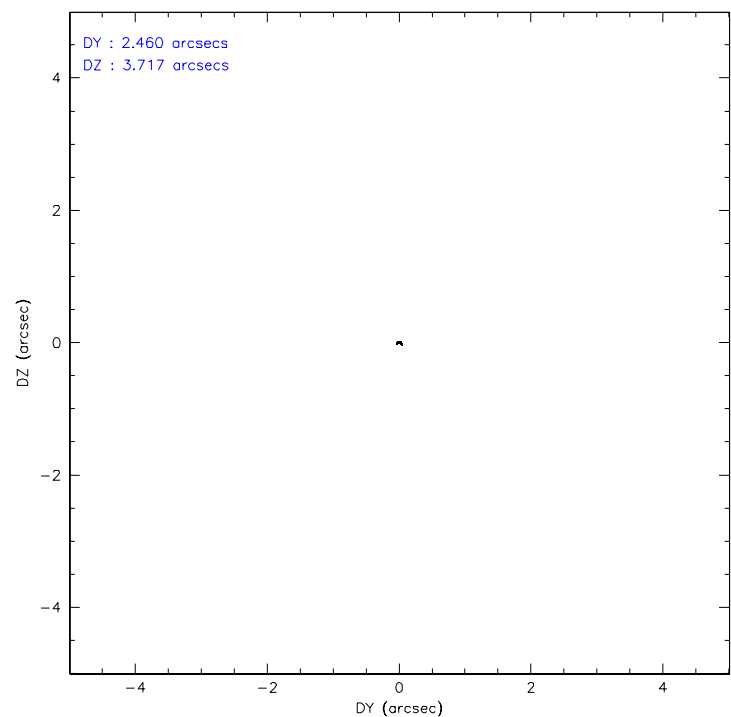
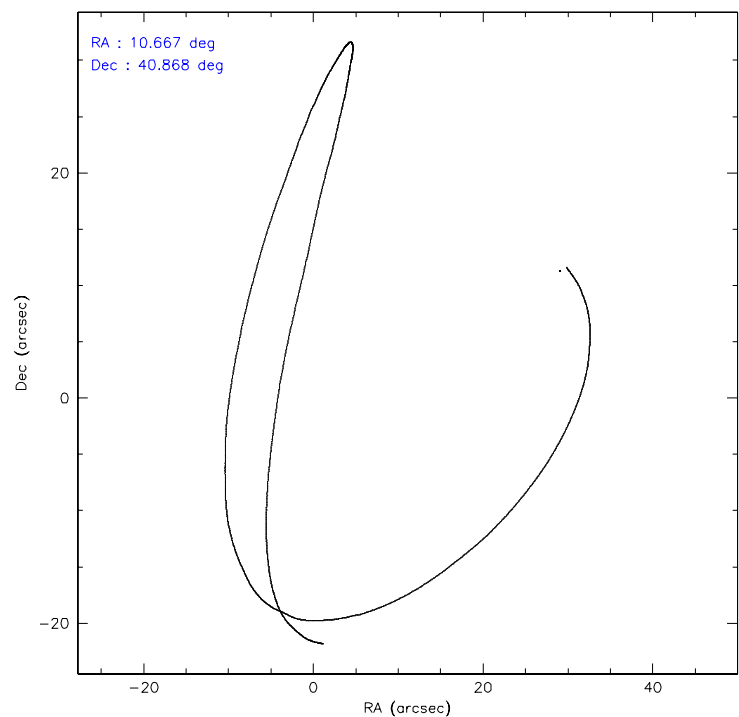
Level 1 Events

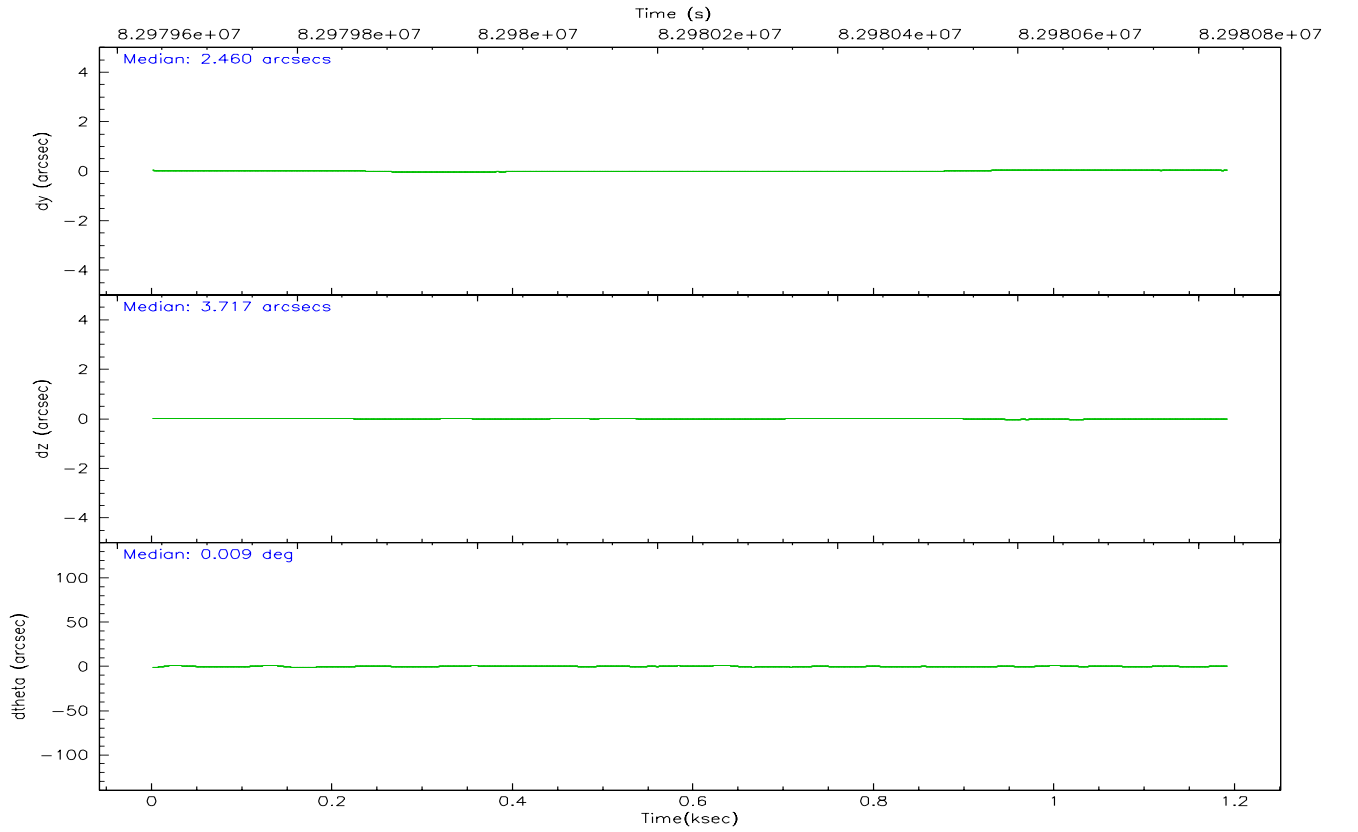
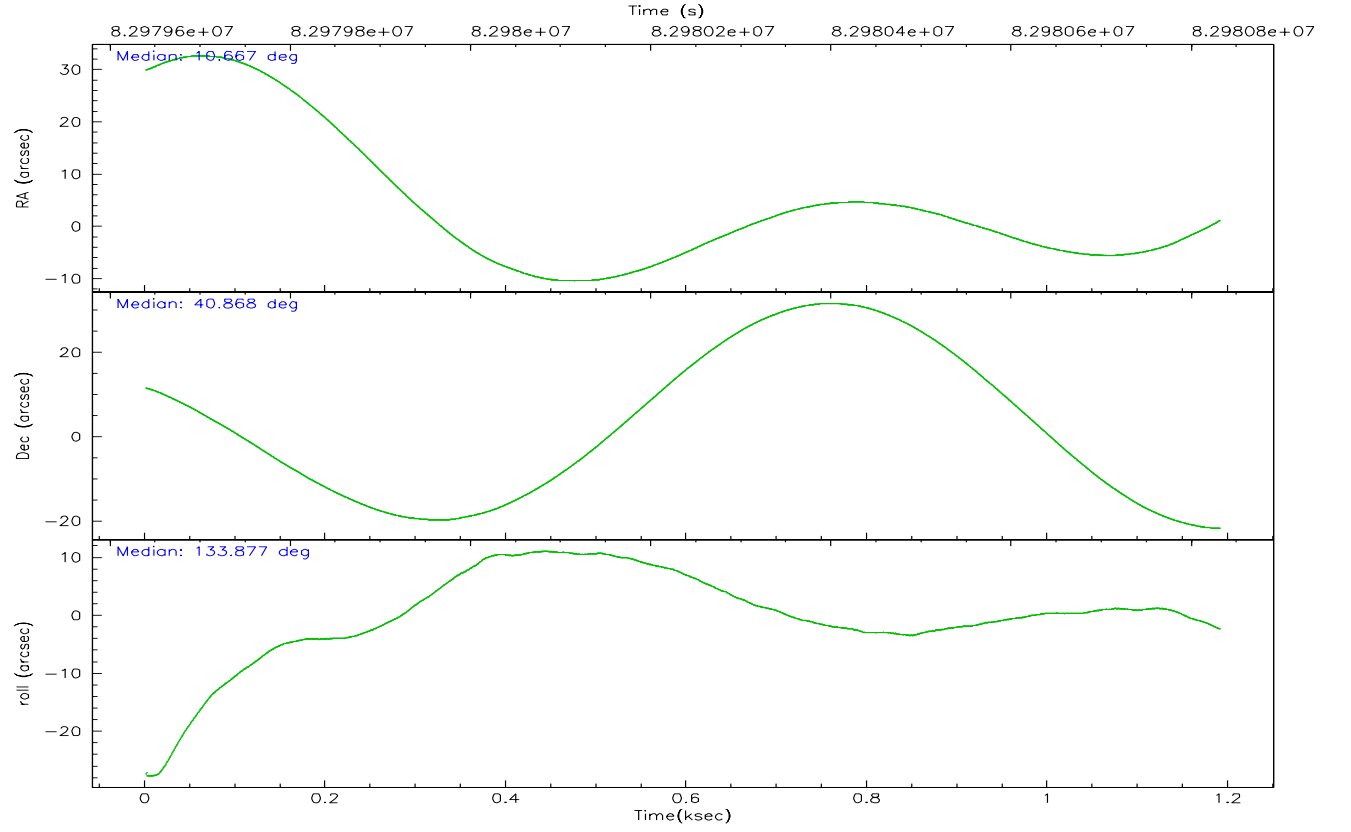
	segment 0
level 1 events	53237
rejected events	1770
rejected %	3%

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	10.702654	10.66796195486656			
Pointing Dec	40.861955	40.86874710047231			
Pointing Roll	133.954235	133.881460604949			
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	82979833.184000	82979456.95755599			
Observation start date	2000-08-18T09:56:09	2000-08-18T09:50:56			
Observation end time	82980833.184000	82980966.782612			
Observation end date	2000-08-18T10:12:49	2000-08-18T10:16:06			

2.3 Aspect



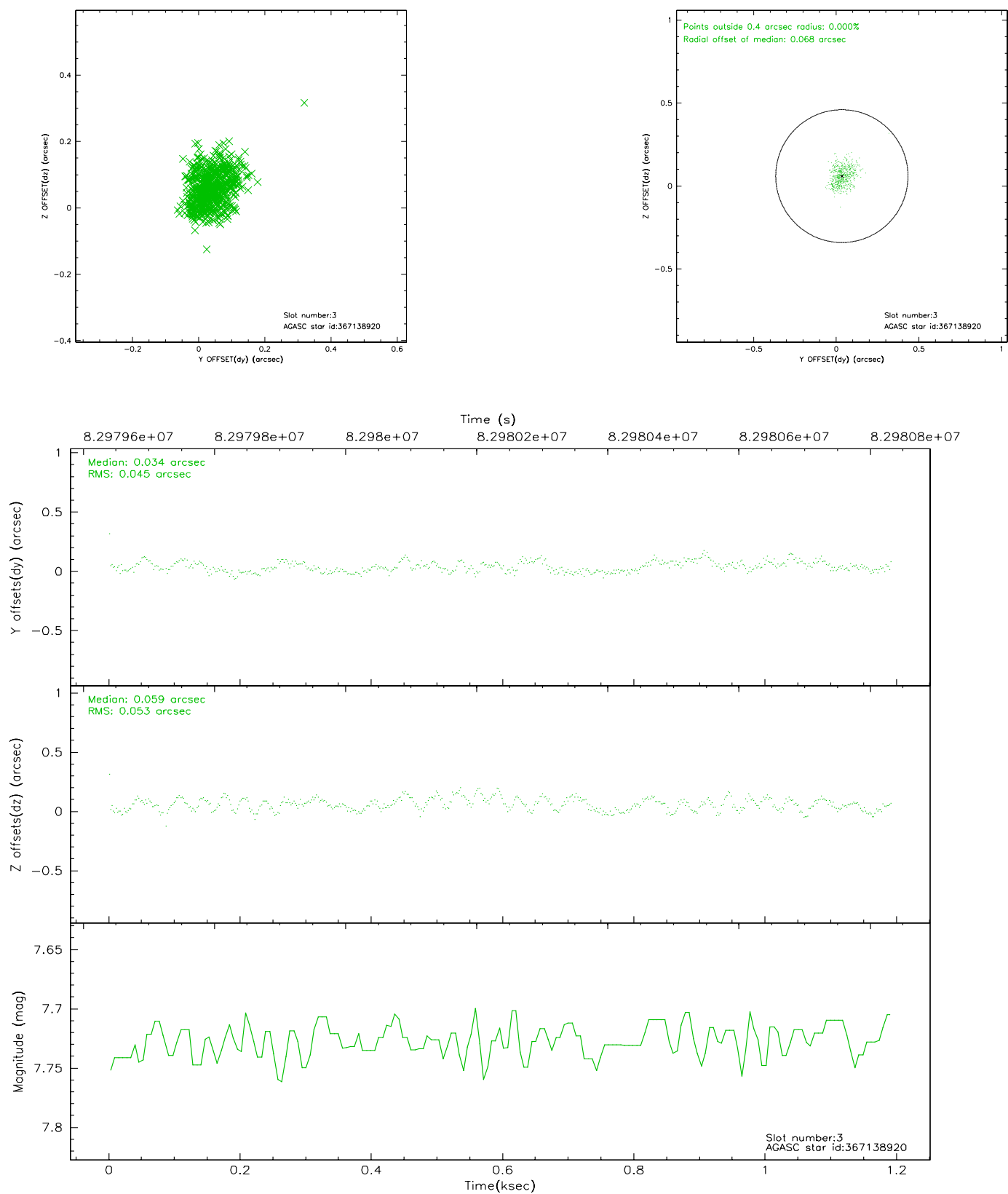


Slot Statistics

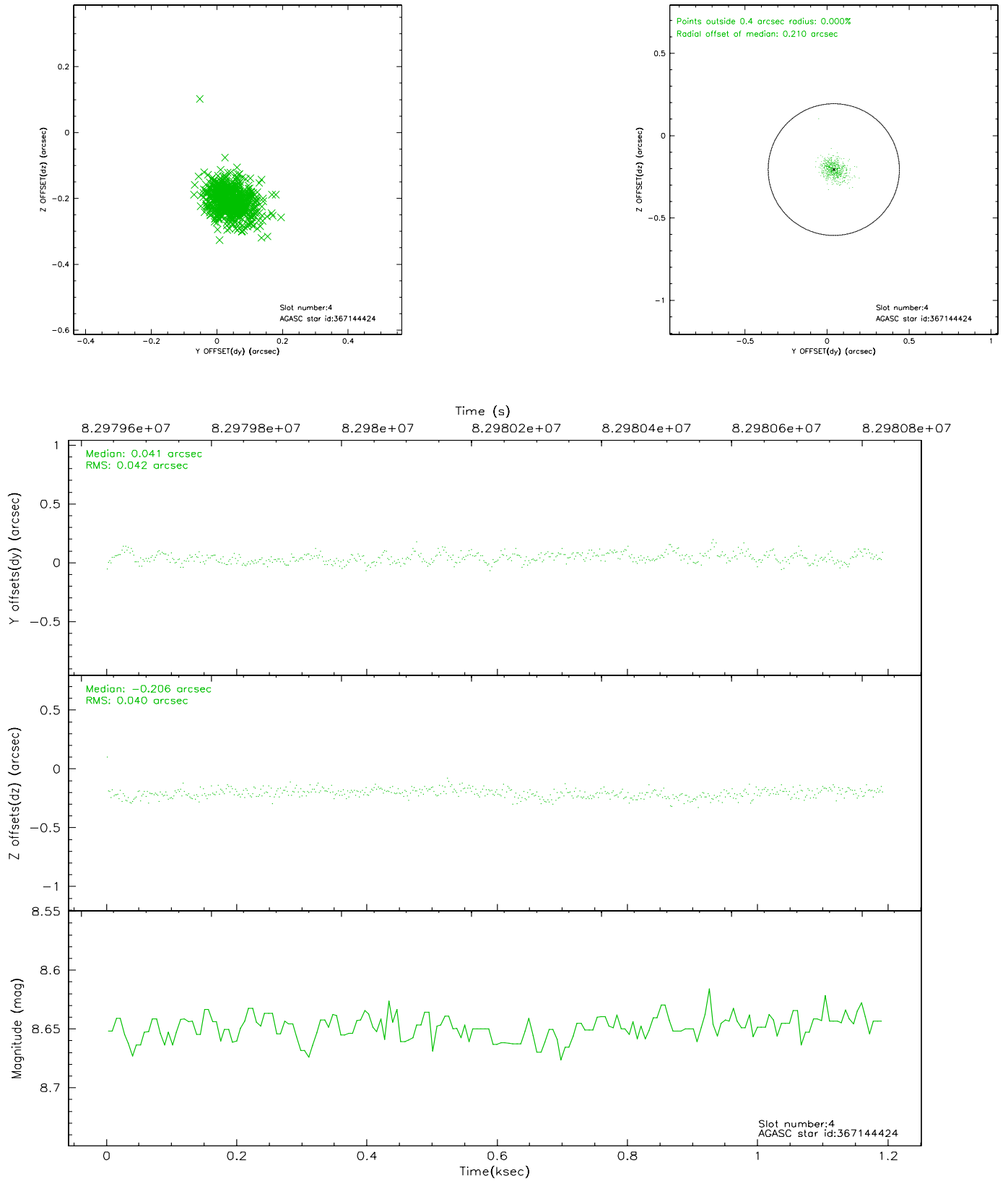
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	0.063	0.045	0.006	0.010	0.000000	0.000000	-757.88	-1291.46
1	FID	HRC-I-3	7.04	291	0.025	-0.066	0.007	0.011	0.000000	0.000000	-1188.98	1008.56
2	FID	HRC-I-4	6.98	291	0.026	-0.068	0.005	0.009	0.000000	0.000000	1280.81	1014.03
3	GUIDE	367138920	7.73	581	0.034	0.059	0.074	0.113	11.513485	40.808909	-1660.94	-1465.15
4	GUIDE	367144424	8.65	582	0.041	-0.206	0.059	0.100	10.464515	40.309136	-978.67	1848.59
5	GUIDE	367663272	9.31	582	-0.136	0.116	0.104	0.175	10.656279	41.699429	2257.99	-1999.41
6	GUIDE	367658664	9.60	582	-0.162	0.113	0.097	0.159	10.374070	41.369746	1939.74	-634.07
7	GUIDE	367141456	9.47	581	0.227	-0.098	0.110	0.167	10.733182	40.145955	-1907.94	1727.36

2.4 Star Slots

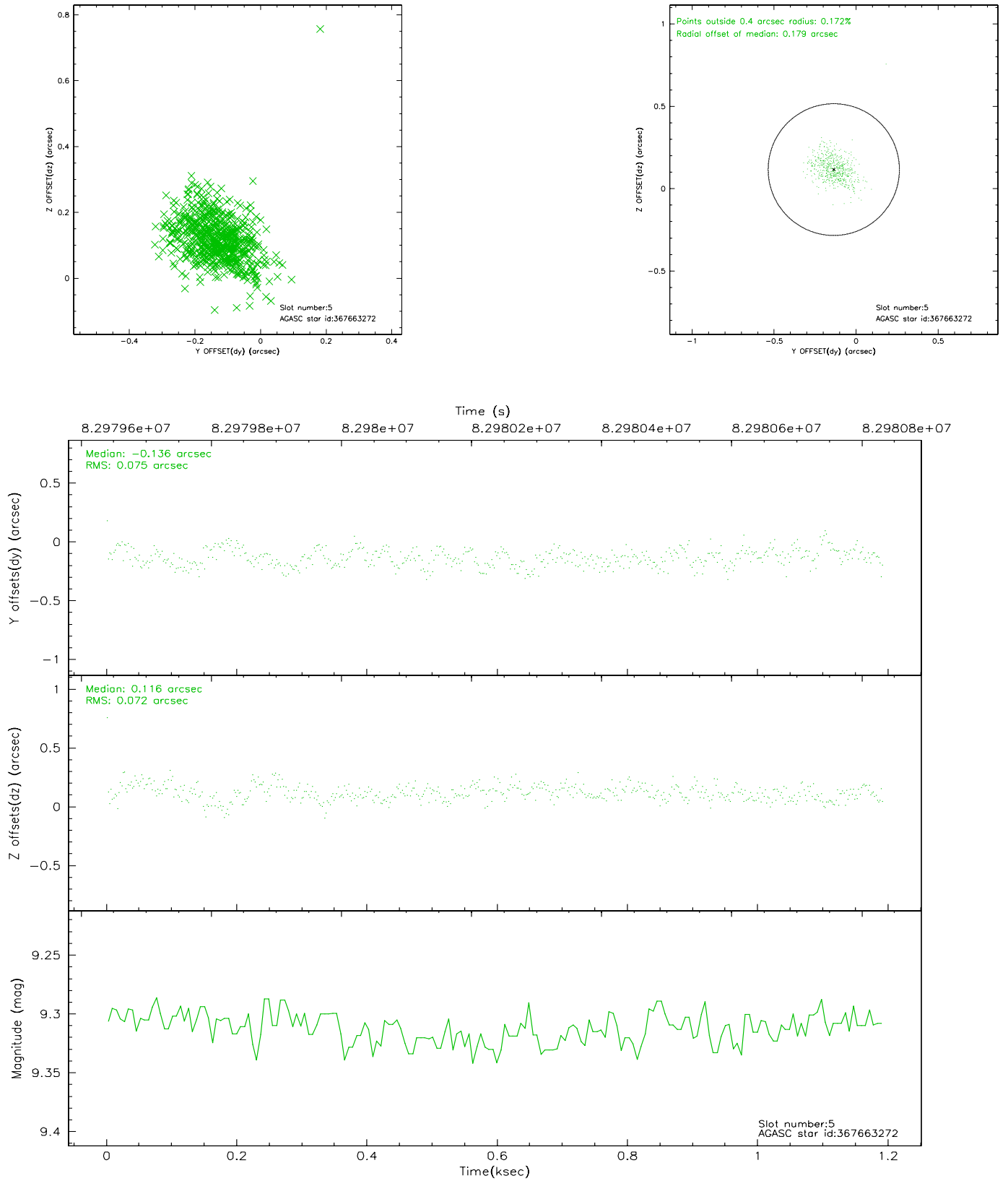
2.4.1 Slot 3



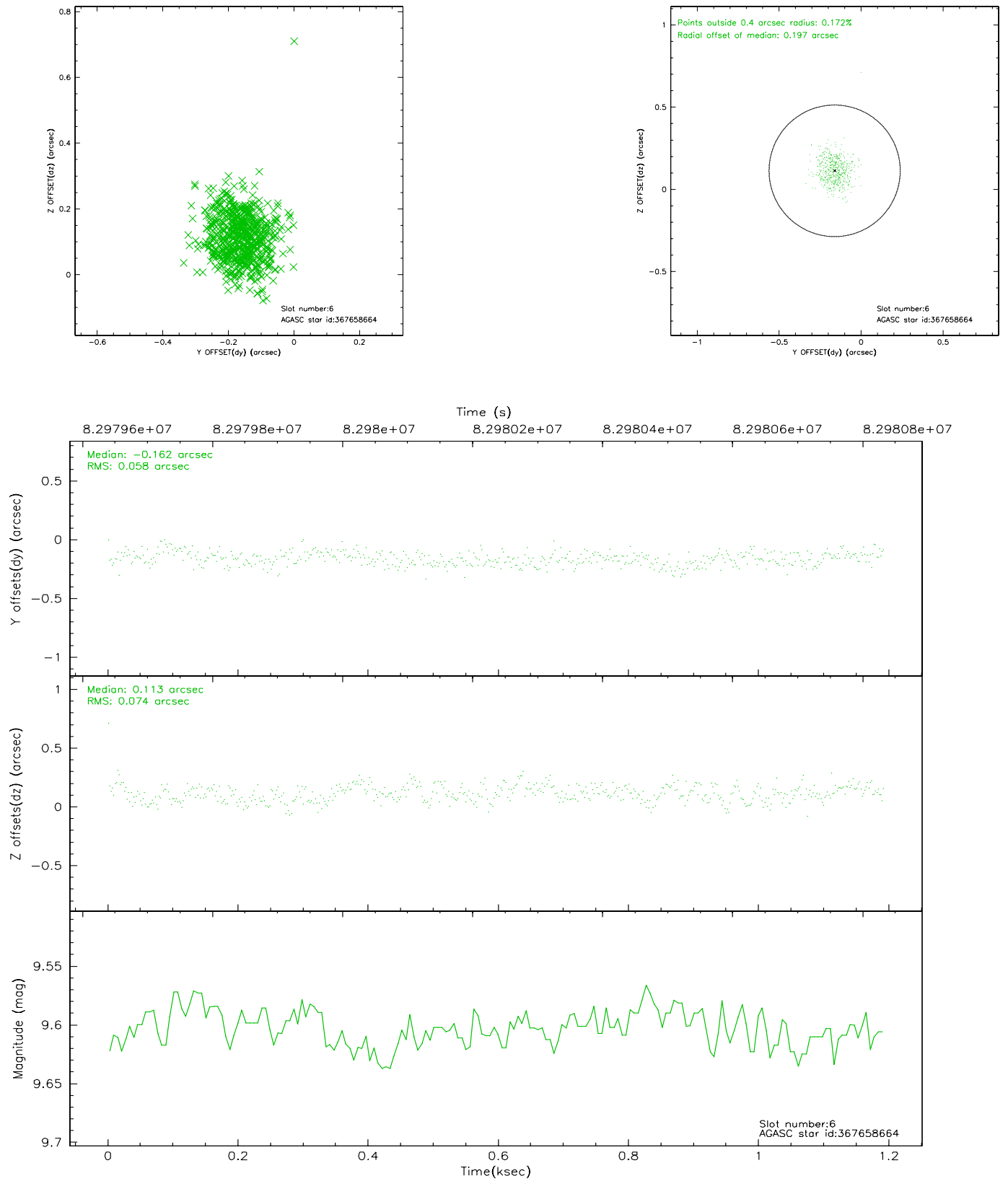
2.4.2 Slot 4



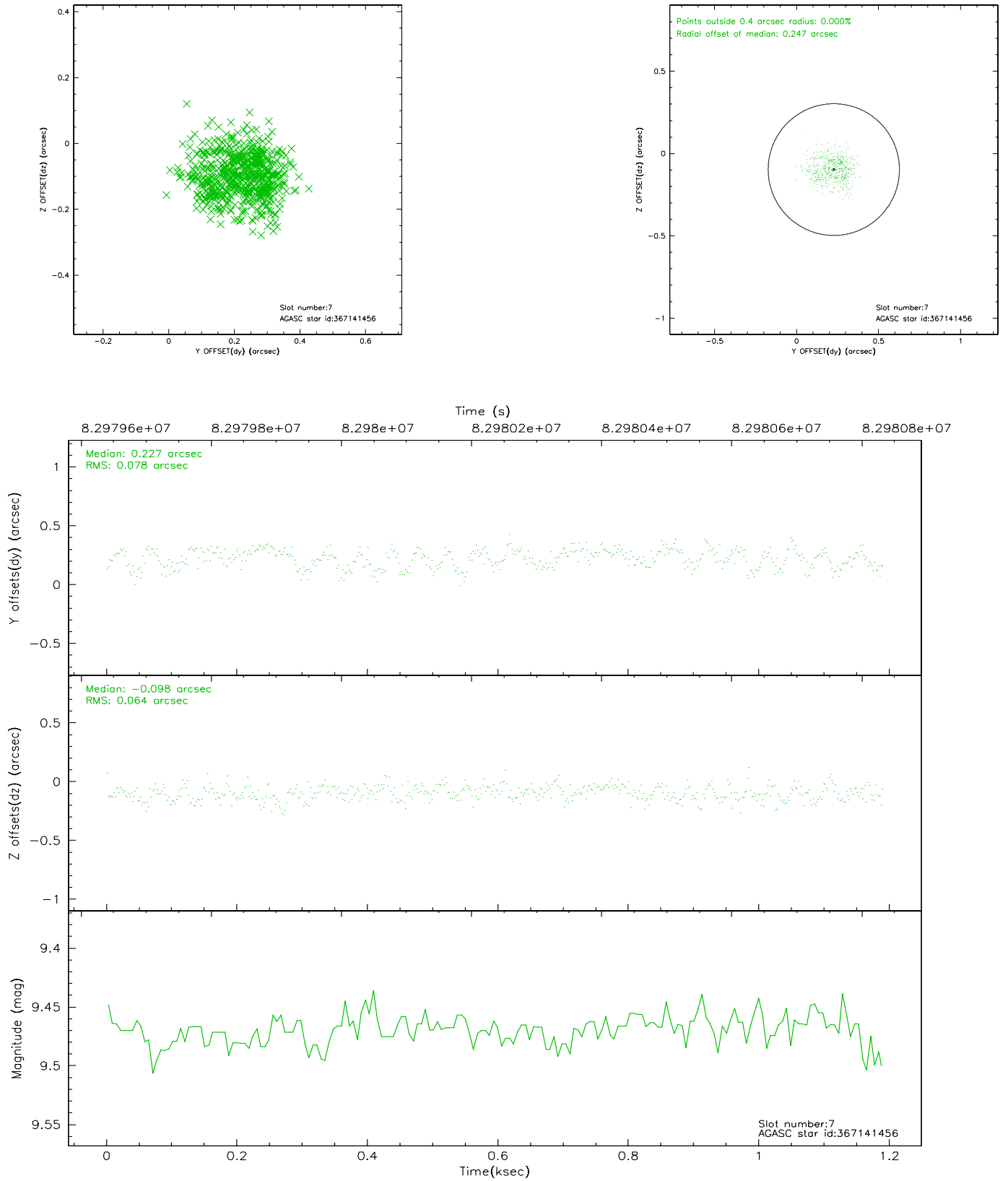
2.4.3 Slot 5



2.4.4 Slot 6

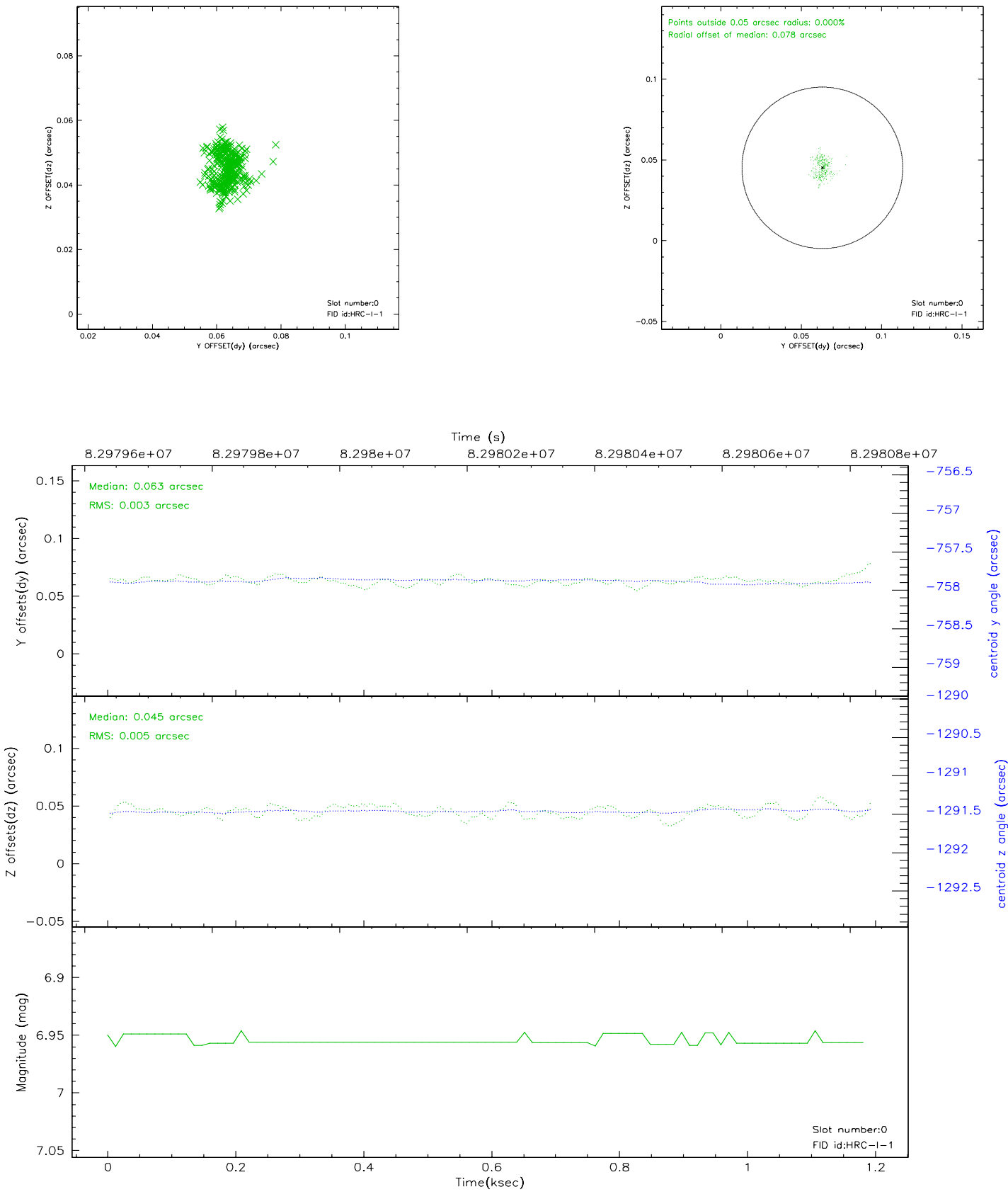


2.4.5 Slot 7

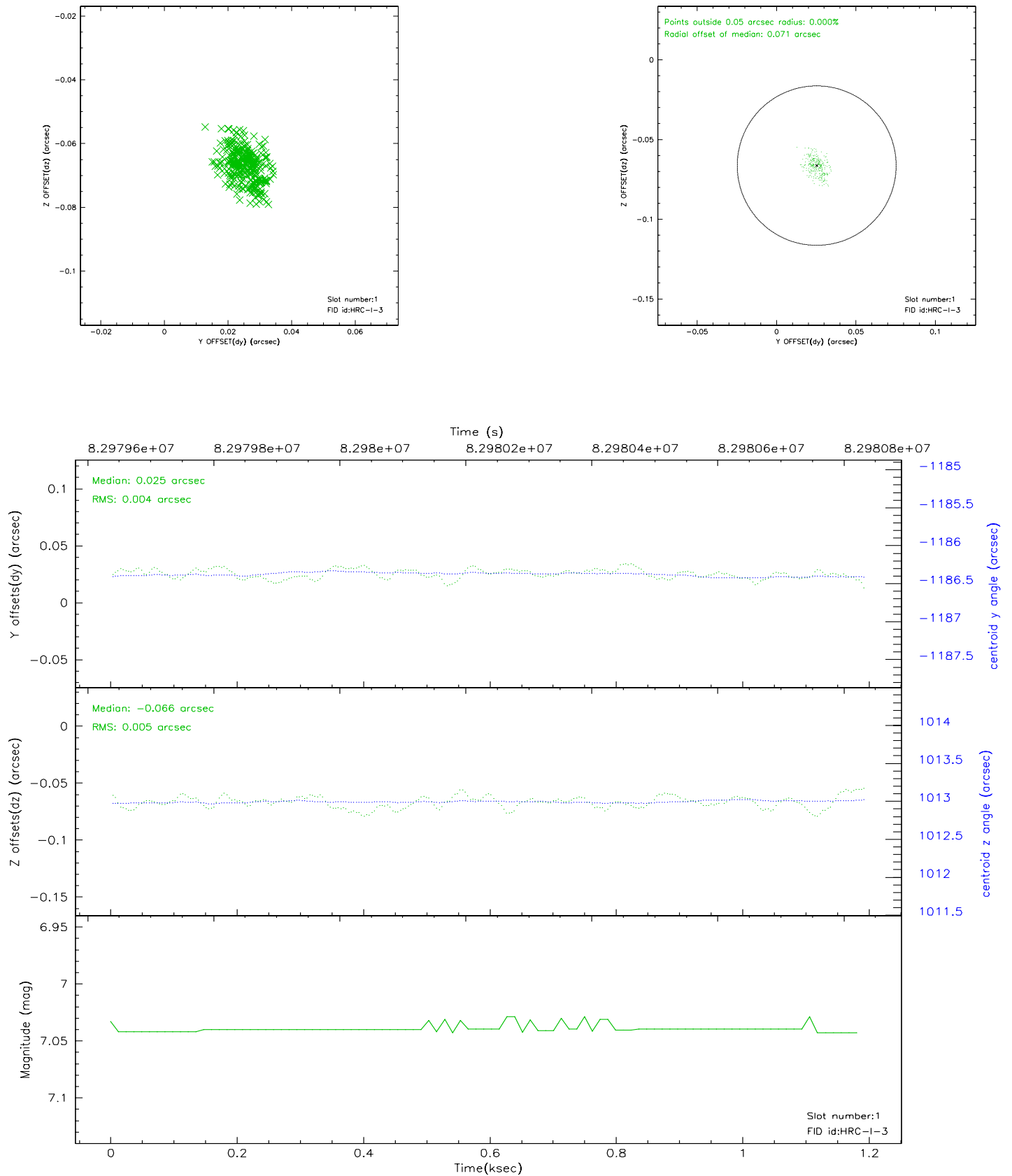


2.5 FID Slots

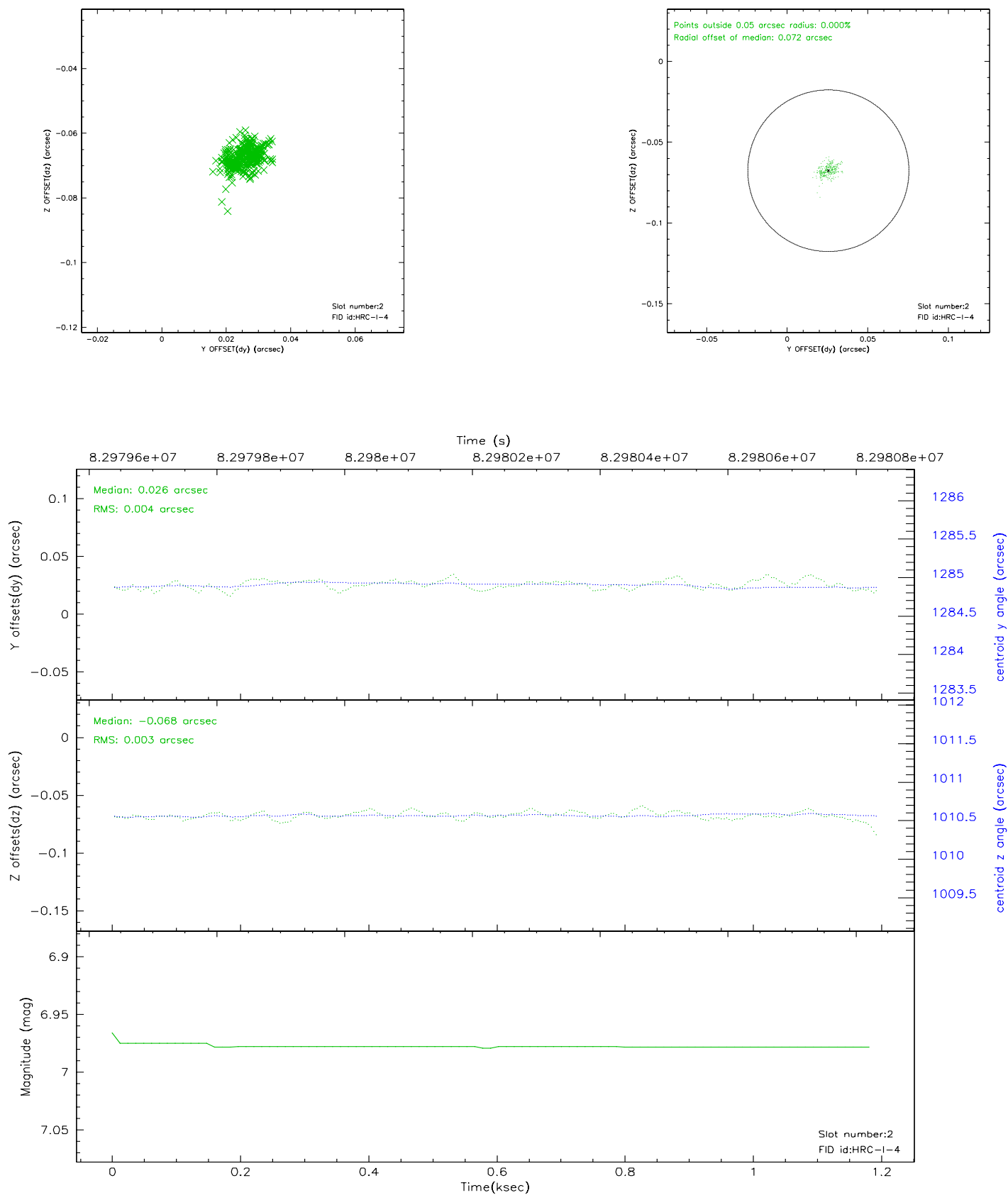
2.5.1 Slot 0



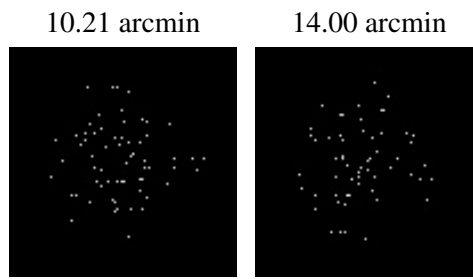
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

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.