

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1870 - L2 Version 5
Chandra X-Ray Center

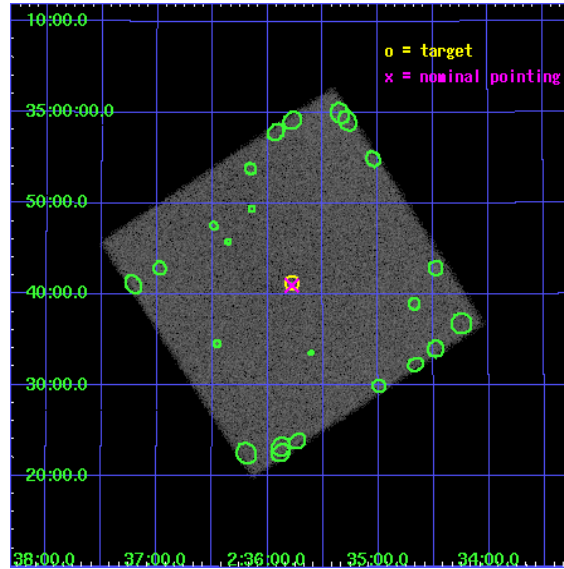
L2 Processing Date : Nov 21 2007

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1 Front

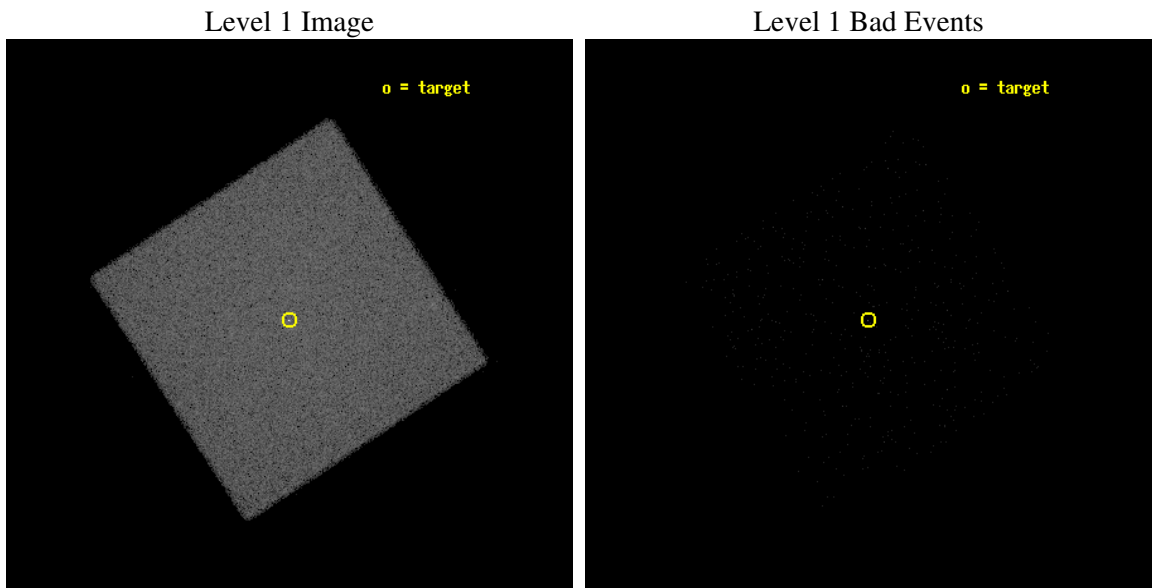
seq_num	200098
obs_id	1870
title	INTRINSIC X-RAY EMISSION FROM M-TYPE GIANTS
observer	Dr Matthias Huensch
object	HR 750
ra_targ	38.945833
dec_targ	34.687778
ra_nom	38.944827097907
dec_nom	34.68339076168
roll_nom	281.84021841727
revision	5
ontime	2893.8313611597
livetime	2867.5123309707
l2events	219929



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	2007-11-21T07:48:54
revision	4

sched_exp_time	3000.000000
ontime	2893.8313611597
l1events	347982

2.1.3 Events

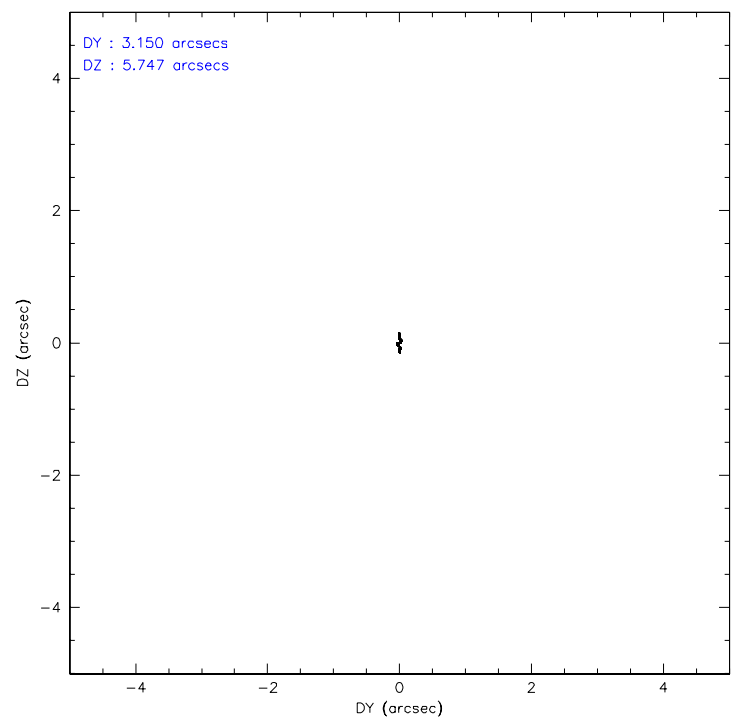
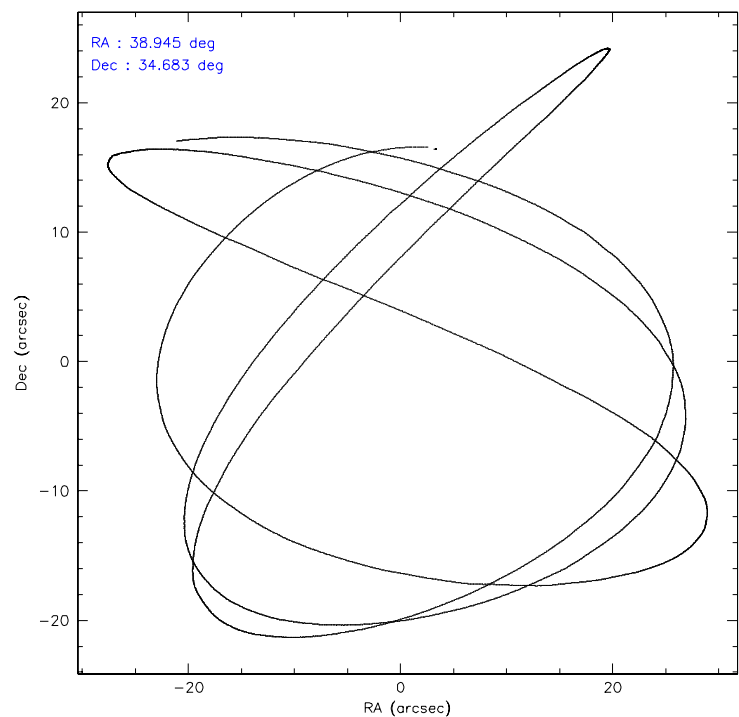
Level 1 Events

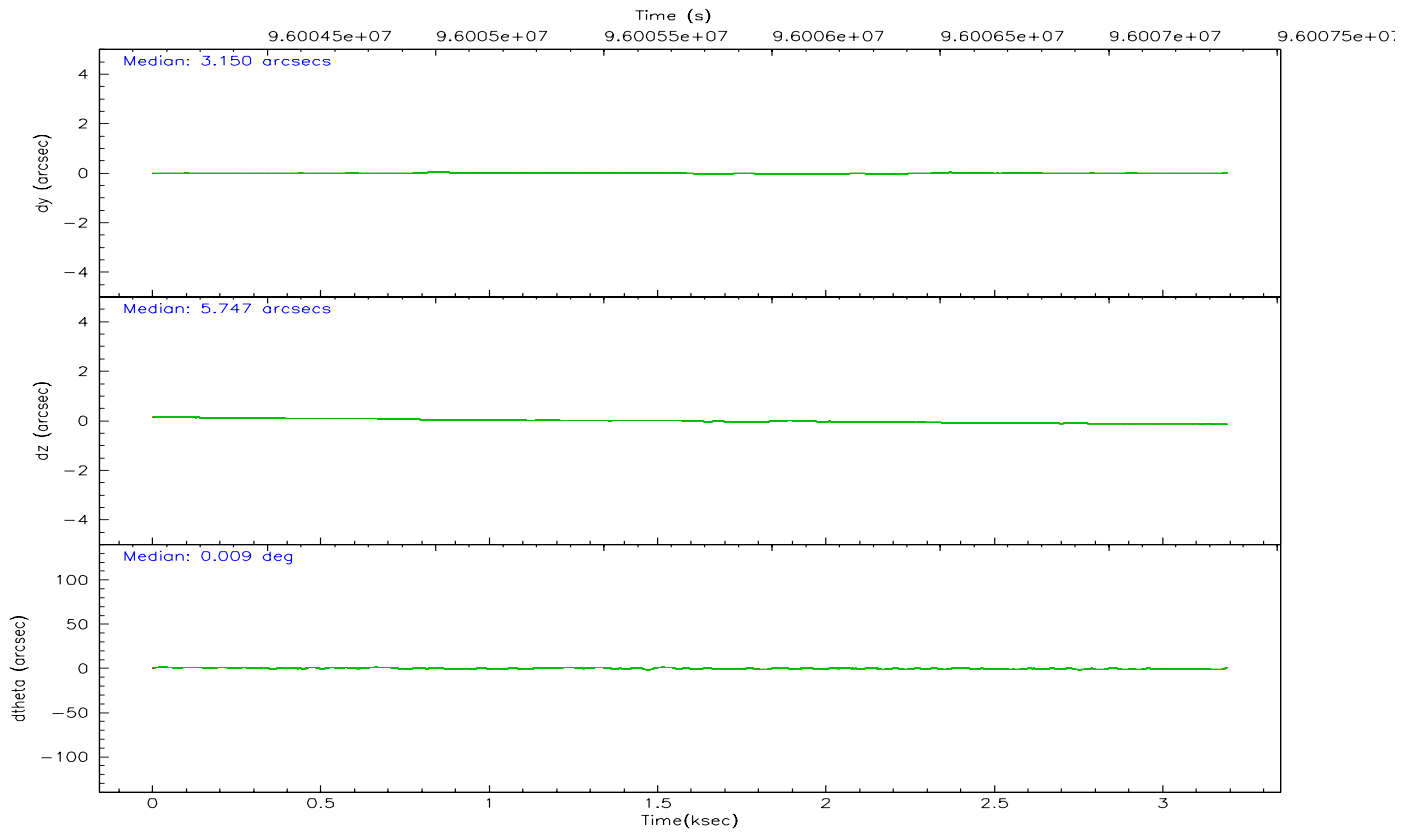
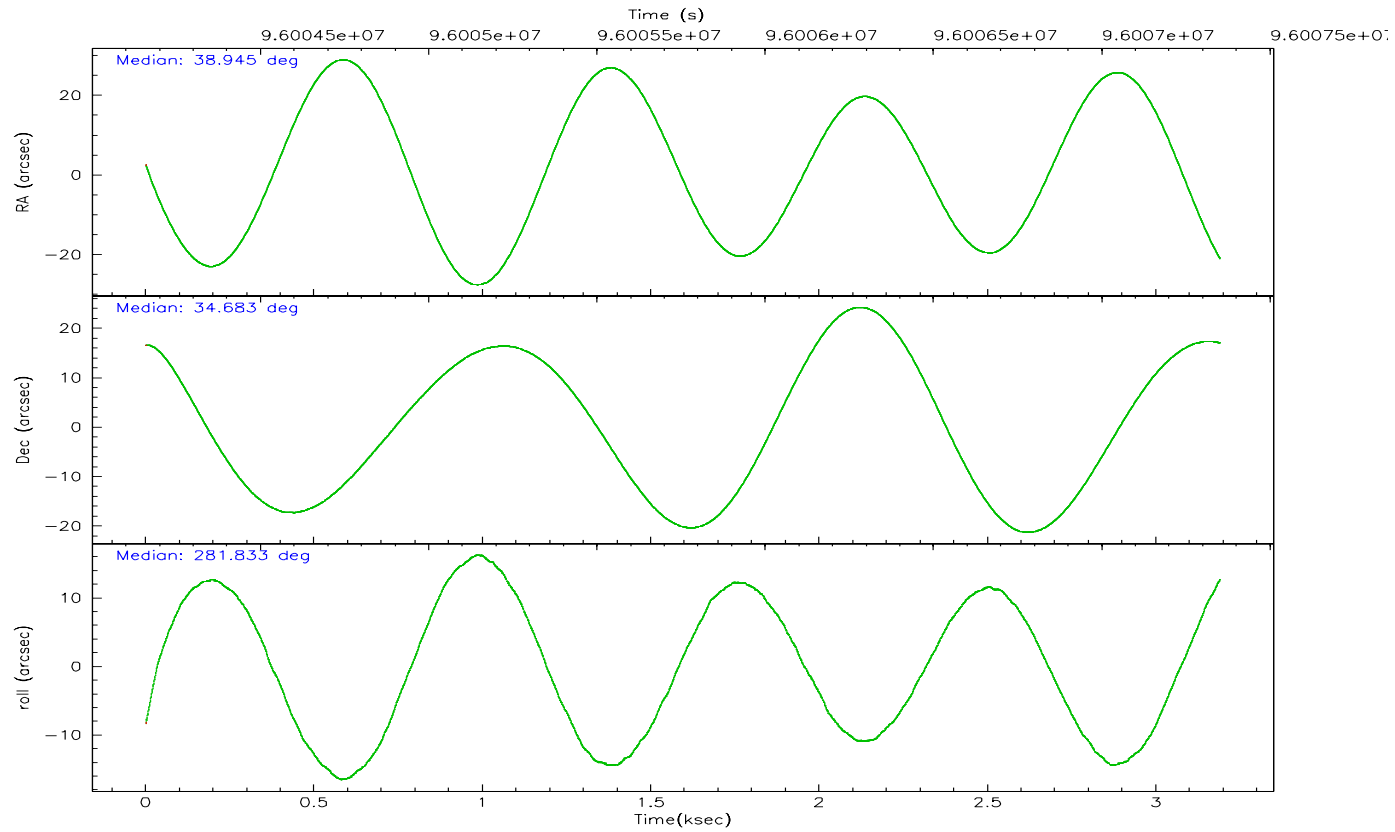
	segment 0
level 1 events	347982
rejected events	54634
rejected %	15%

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	38.922323	38.94482709790705			
Pointing Dec	34.703452	34.68339076167991			
Pointing Roll	281.948513	281.8402184172677			
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	96004351.184000	96003793.176498			
Observation start date	2001-01-16T03:51:27	2001-01-16T03:43:13			
Observation end time	96007351.184000	96007949.039157			
Observation end date	2001-01-16T04:41:27	2001-01-16T04:52:29			

2.3 Aspect



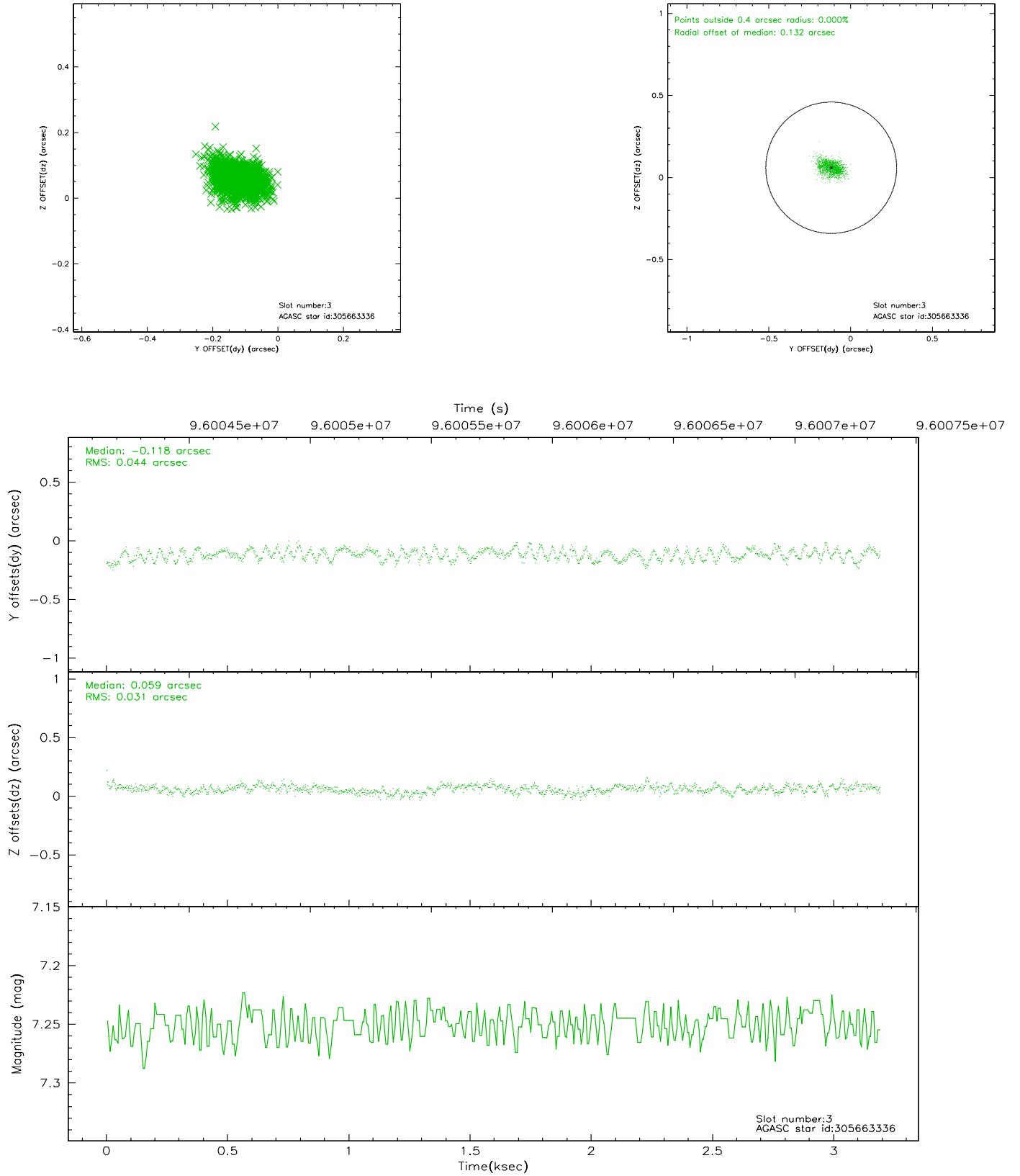


Slot Statistics

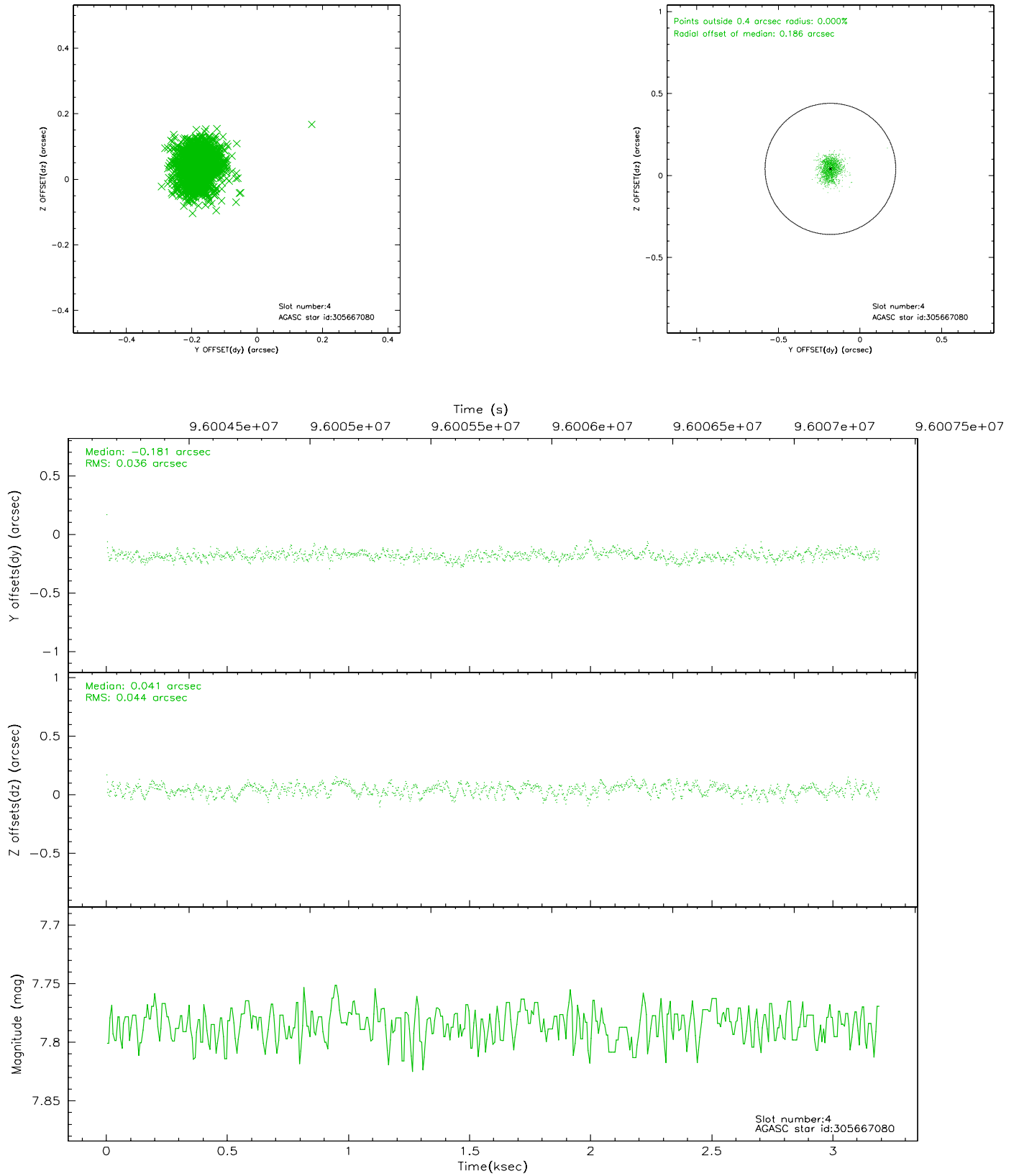
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.94	779	0.045	0.048	0.006	0.010	0.000000	0.000000	-758.58	-1293.55
1	FID	HRC-I-3	7.03	779	0.036	-0.087	0.007	0.012	0.000000	0.000000	-1188.05	1009.22
2	FID	HRC-I-4	6.98	779	0.034	-0.051	0.005	0.009	0.000000	0.000000	1282.67	1009.81
3	GUIDE	305663336	7.25	1557	-0.118	0.059	0.057	0.091	39.460811	35.160789	-1288.50	1891.34
4	GUIDE	305667080	7.78	1557	-0.181	0.041	0.061	0.095	38.573646	35.150111	-1789.64	-670.64
5	GUIDE	305674744	7.82	1557	0.158	-0.063	0.064	0.105	38.679832	34.084194	2028.28	-1169.77
6	GUIDE	305668336	8.12	1557	0.063	-0.127	0.061	0.101	38.428089	34.341356	967.88	-1708.01
7	GUIDE	305661824	8.18	1556	0.084	0.096	0.066	0.101	39.662786	34.343107	1716.03	1884.79

2.4 Star Slots

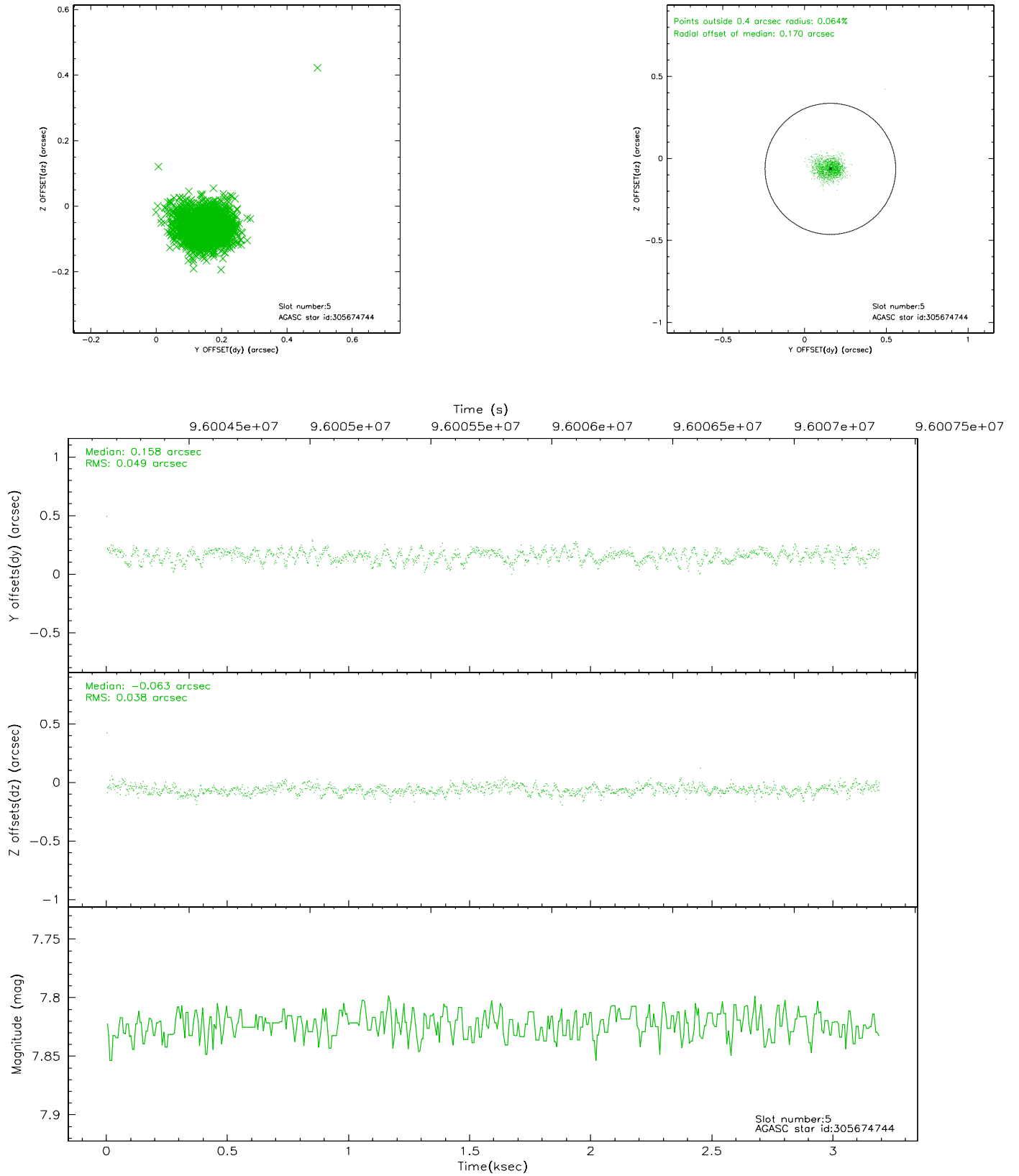
2.4.1 Slot 3



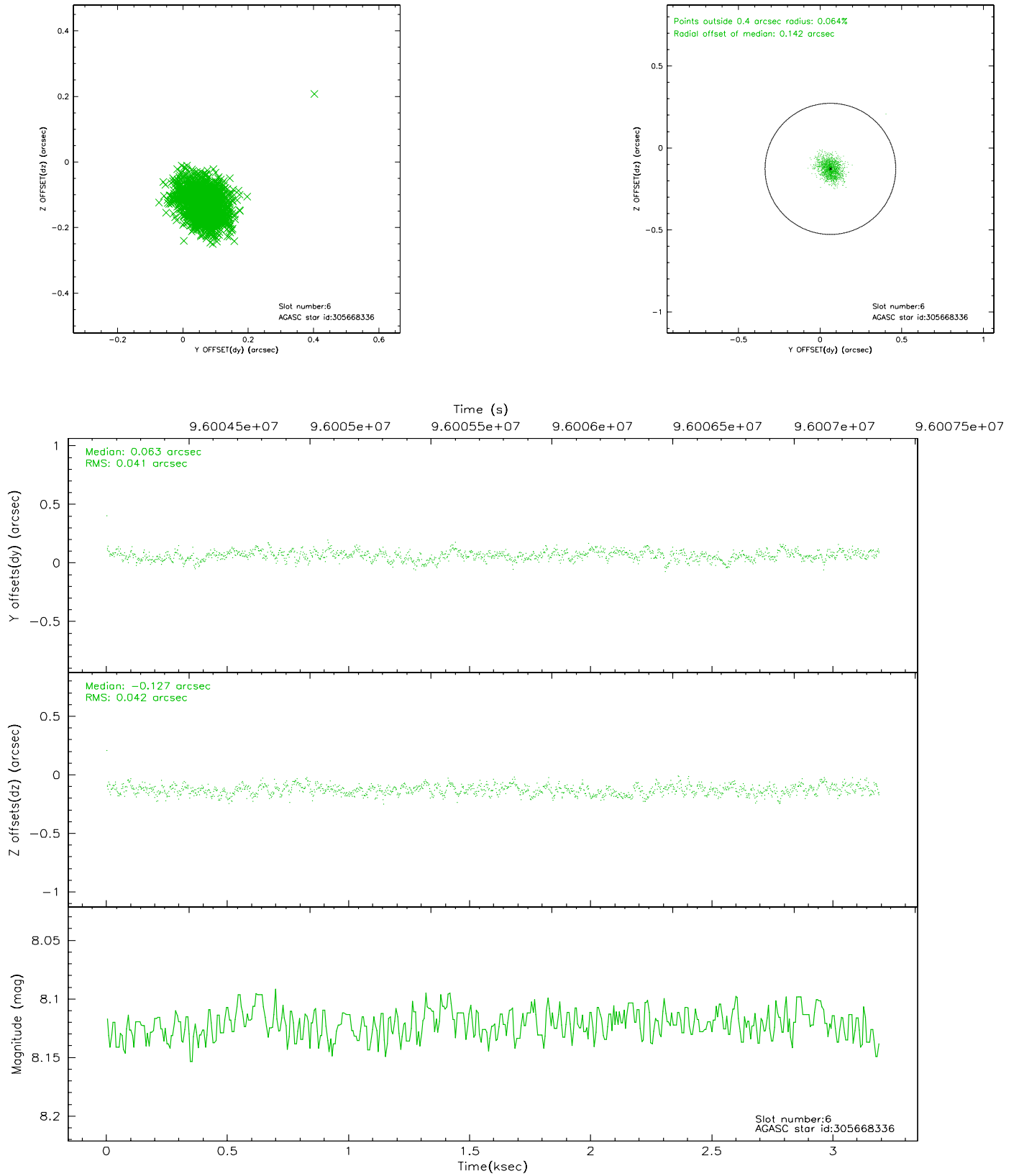
2.4.2 Slot 4



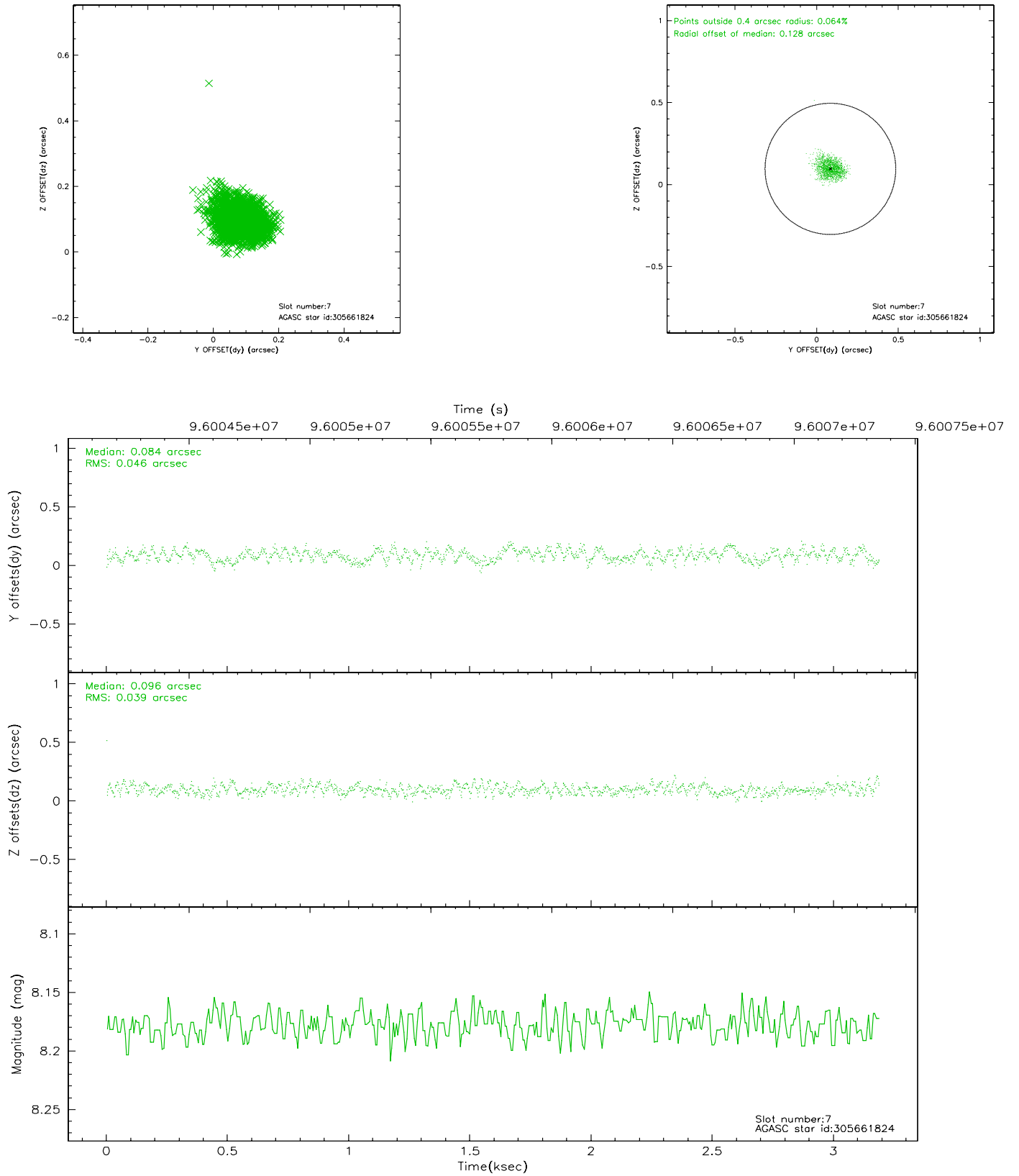
2.4.3 Slot 5



2.4.4 Slot 6

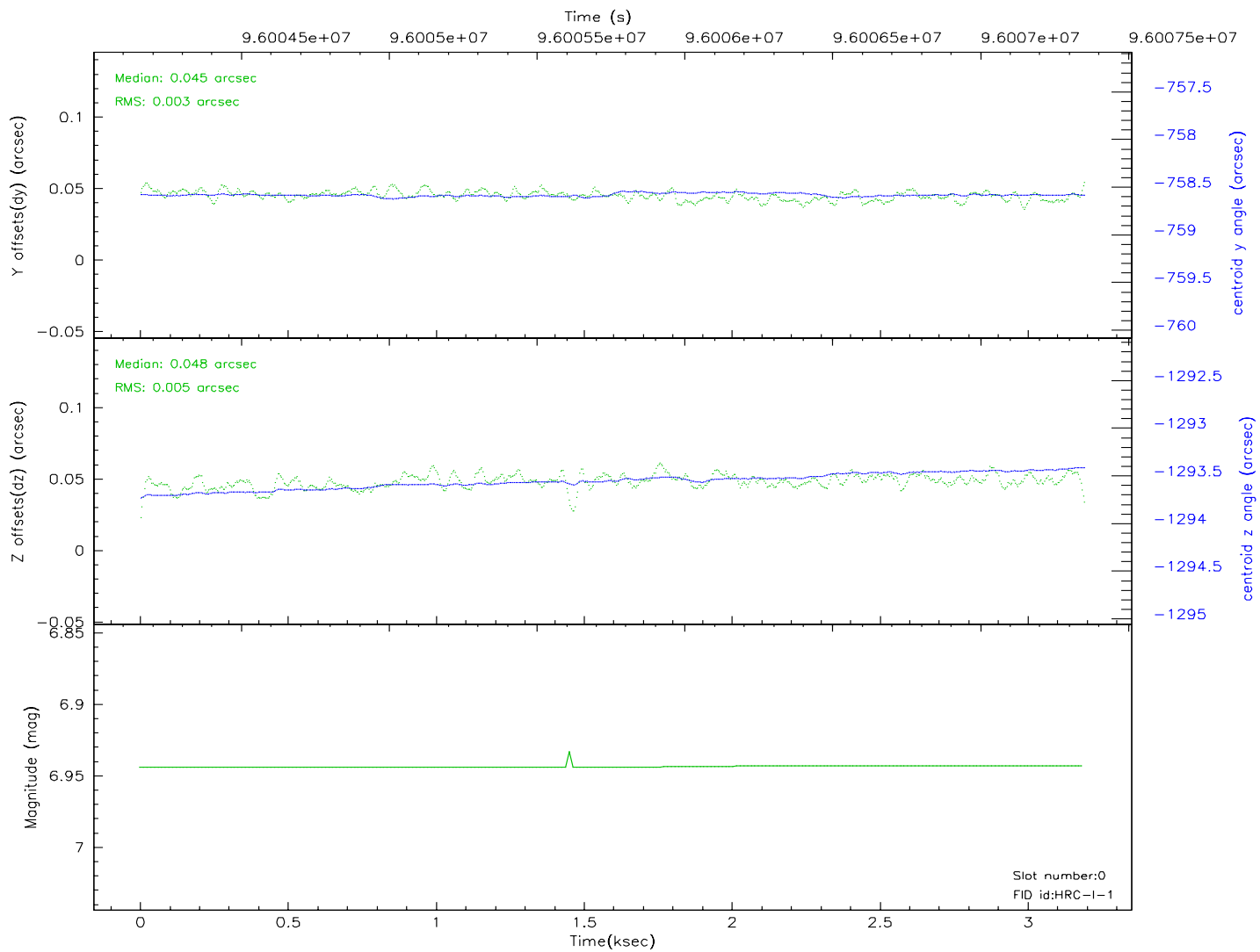
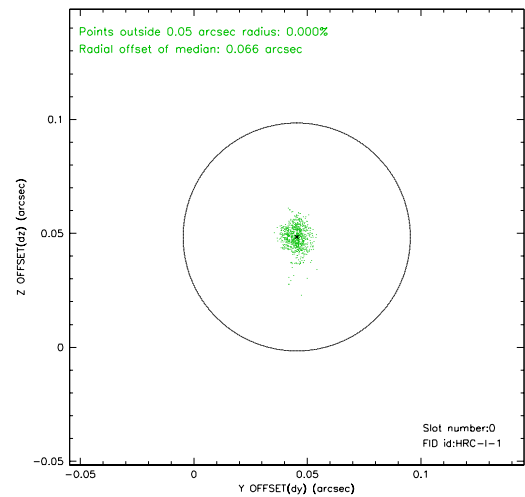
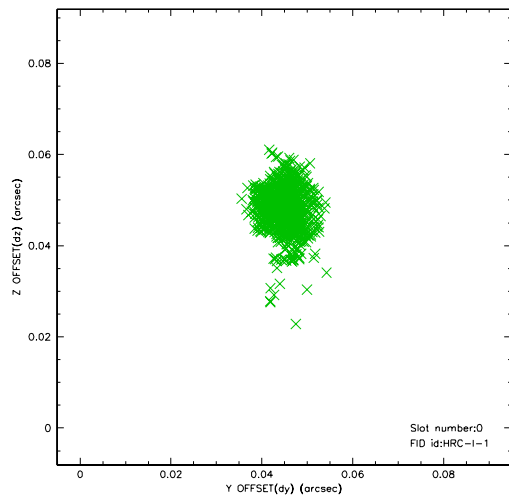


2.4.5 Slot 7

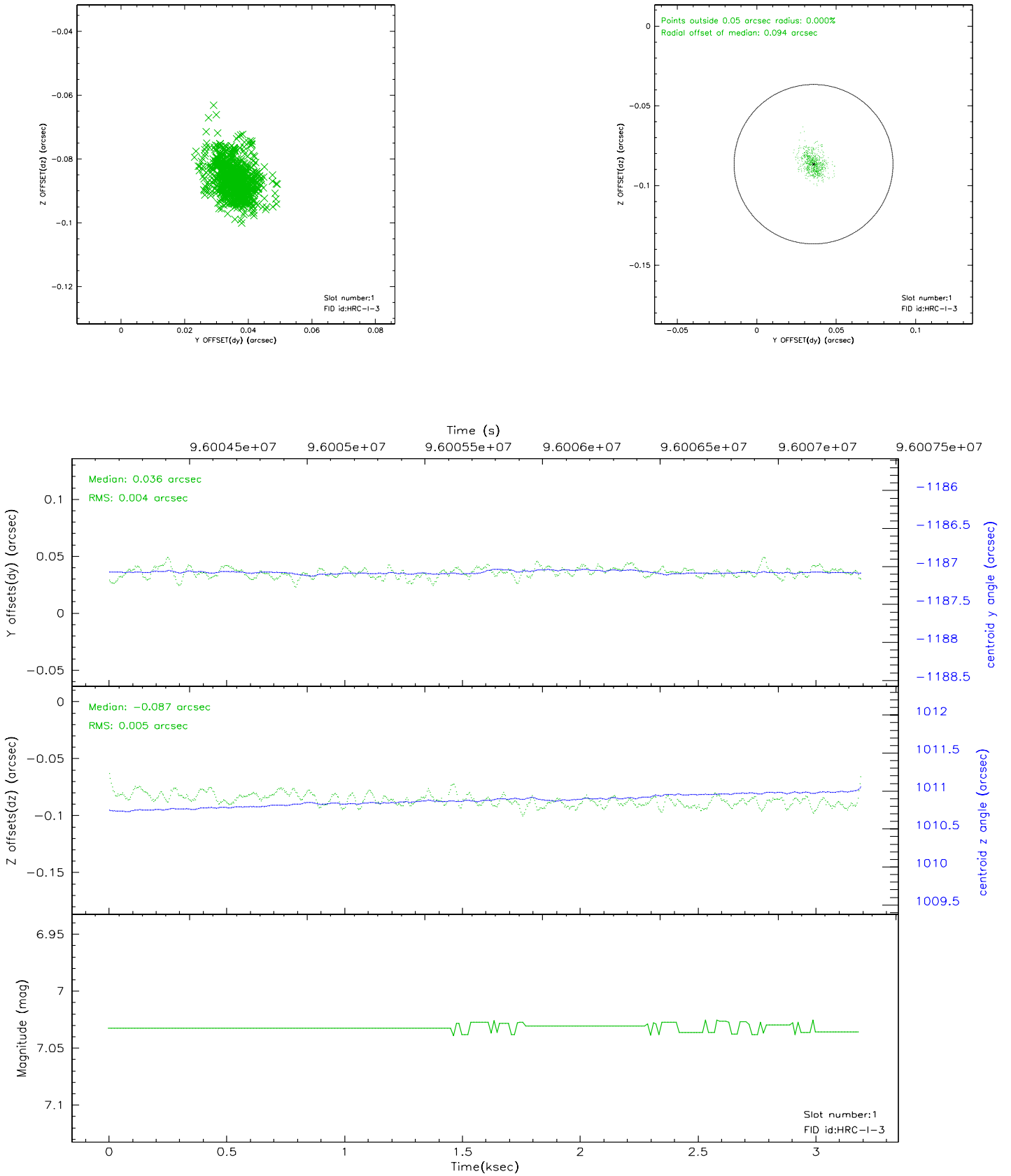


2.5 FID Slots

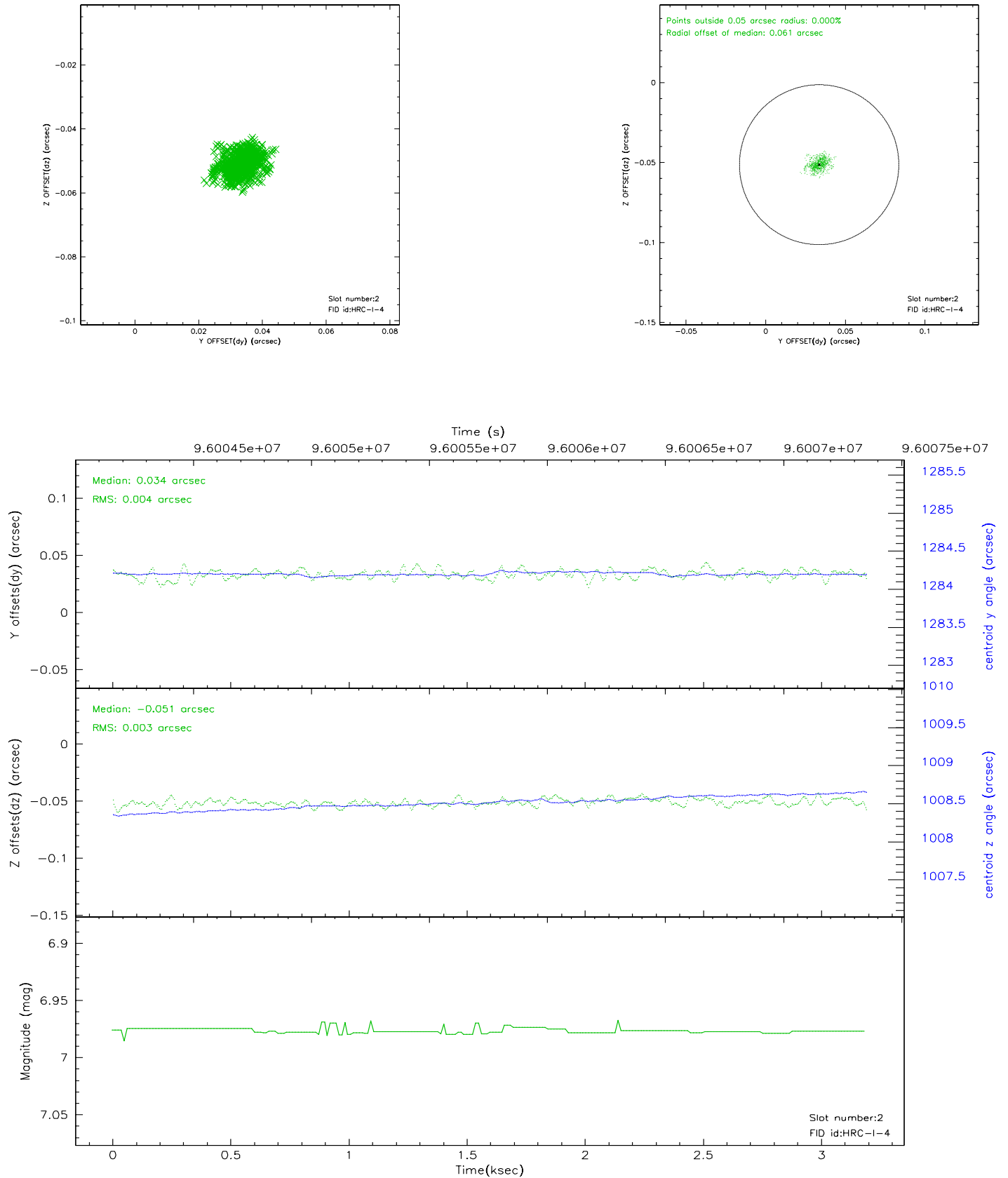
2.5.1 Slot 0



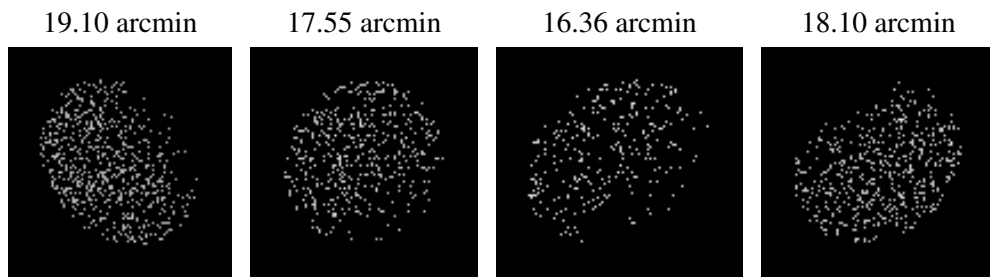
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.893

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.