

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3737 - L2 Version 3
Chandra X-Ray Center

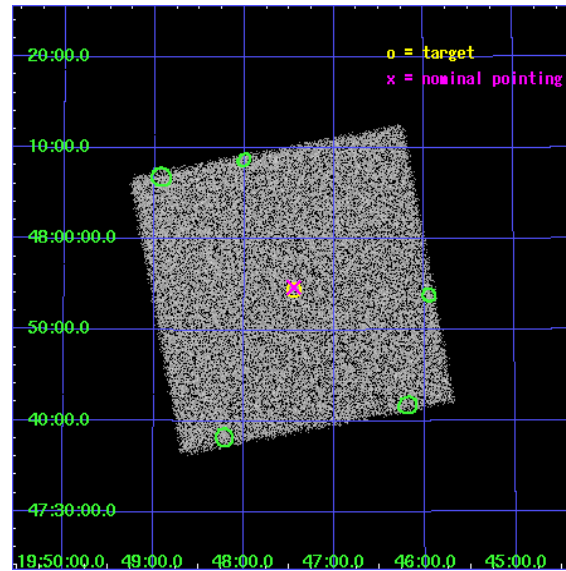
L2 Processing Date : Nov 23 2007

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1 Front

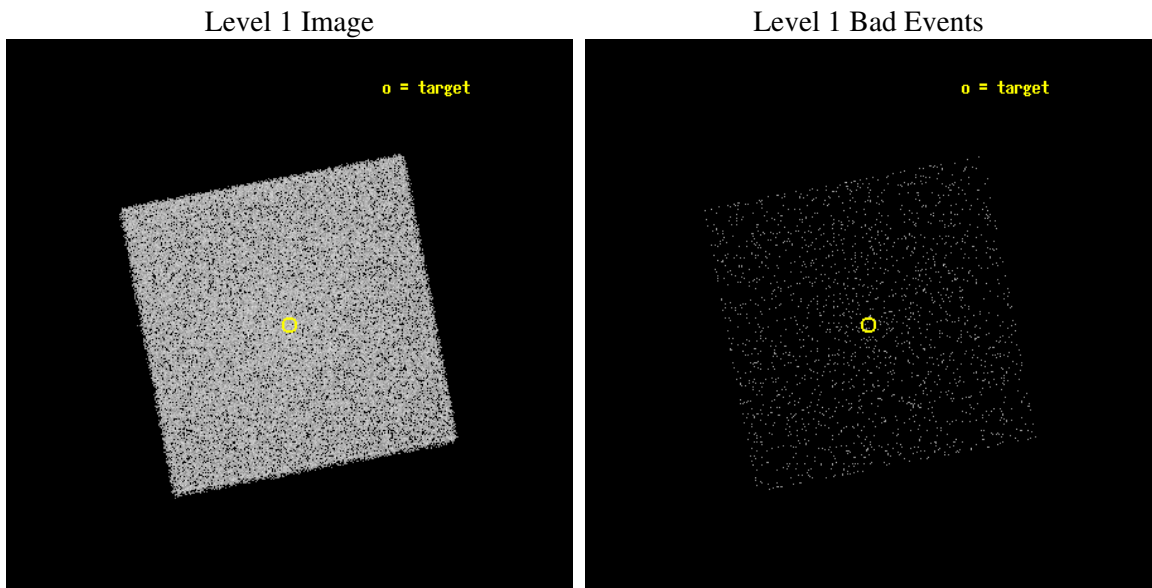
seq_num	200207
obs_id	3737
title	X-RAY ACTIVITY IN M-TYPE GIANTS
observer	Dr Matthias Huensch
object	HR 7547
ra_targ	296.8625
dec_targ	47.907778
ra_nom	296.86188820115
dec_nom	47.912086429286
roll_nom	124.20970250189
revision	3
ontime	2444.8813535869
livedtime	2431.8125861838
l2events	69241



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	2007-11-23T18:41:21
revision	3

sched_exp_time	2550.272000
ontime	2444.8813535869
l1events	137709

2.1.3 Events

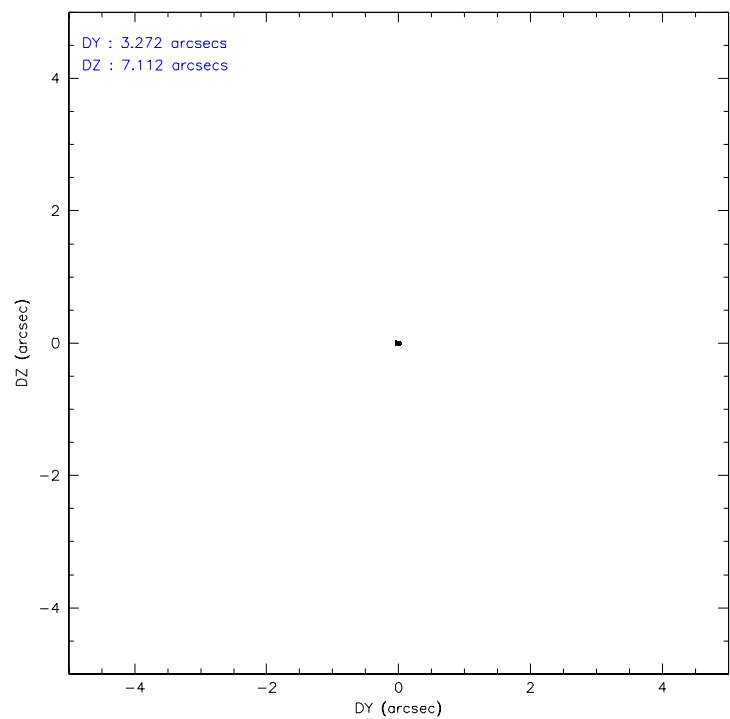
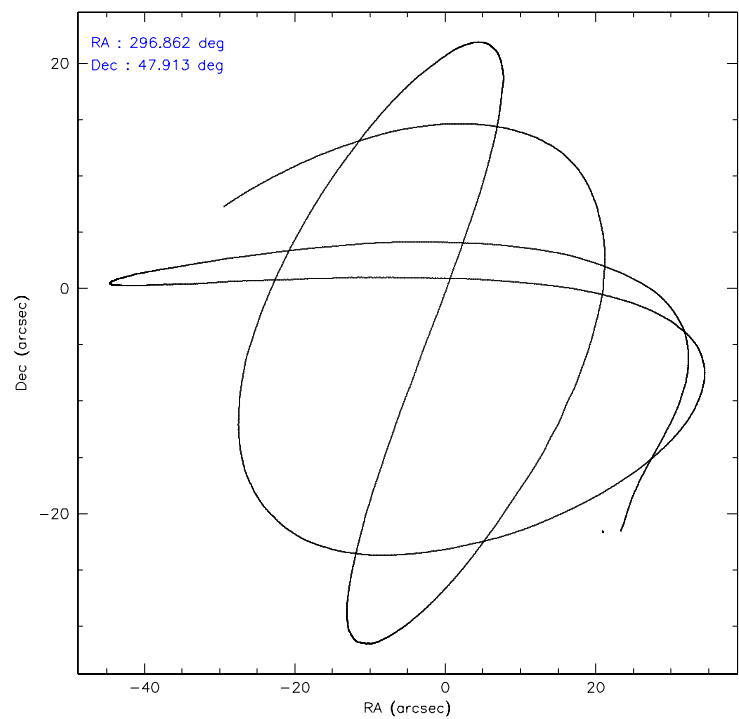
Level 1 Events

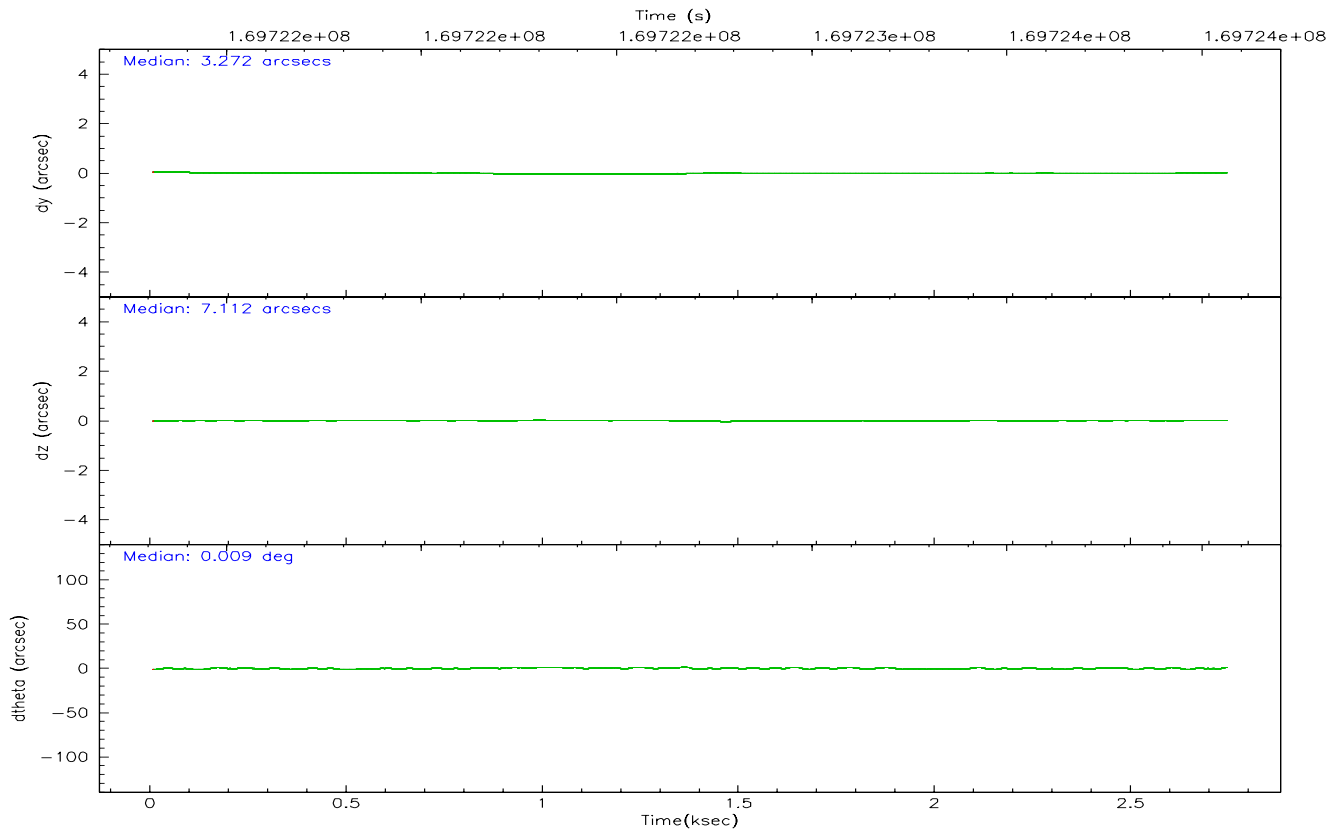
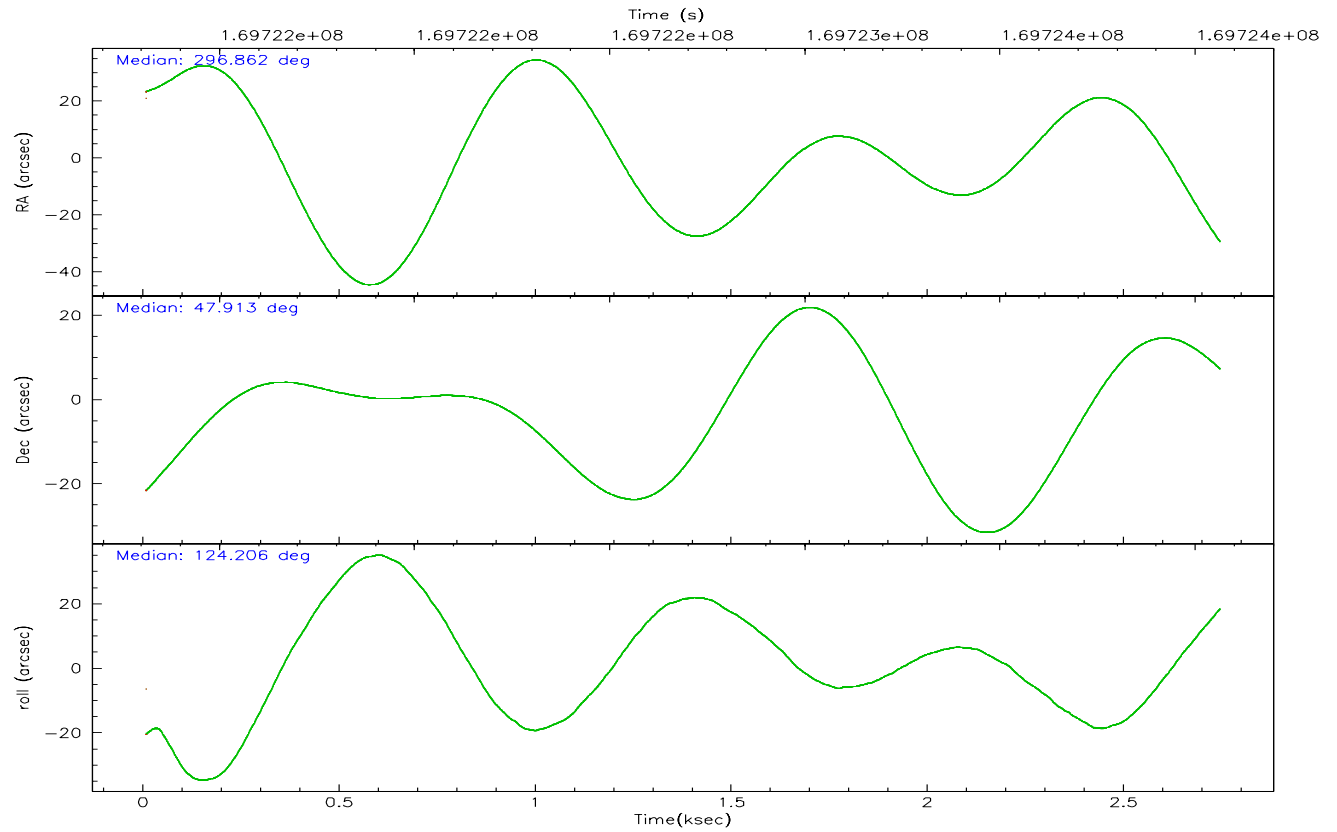
	segment 0
level 1 events	137709
rejected events	35338
rejected %	25%

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	296.898056	296.8618882011453			
Pointing Dec	47.900639	47.91208642928604			
Pointing Roll	124.278319	124.2097025018917			
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	169721508.184000	169720616.89545			
Observation start date	2003-05-19T08:50:44	2003-05-19T08:36:56			
Observation end time	169724058.184000	169724373.00811			
Observation end date	2003-05-19T09:33:14	2003-05-19T09:39:33			

2.3 Aspect



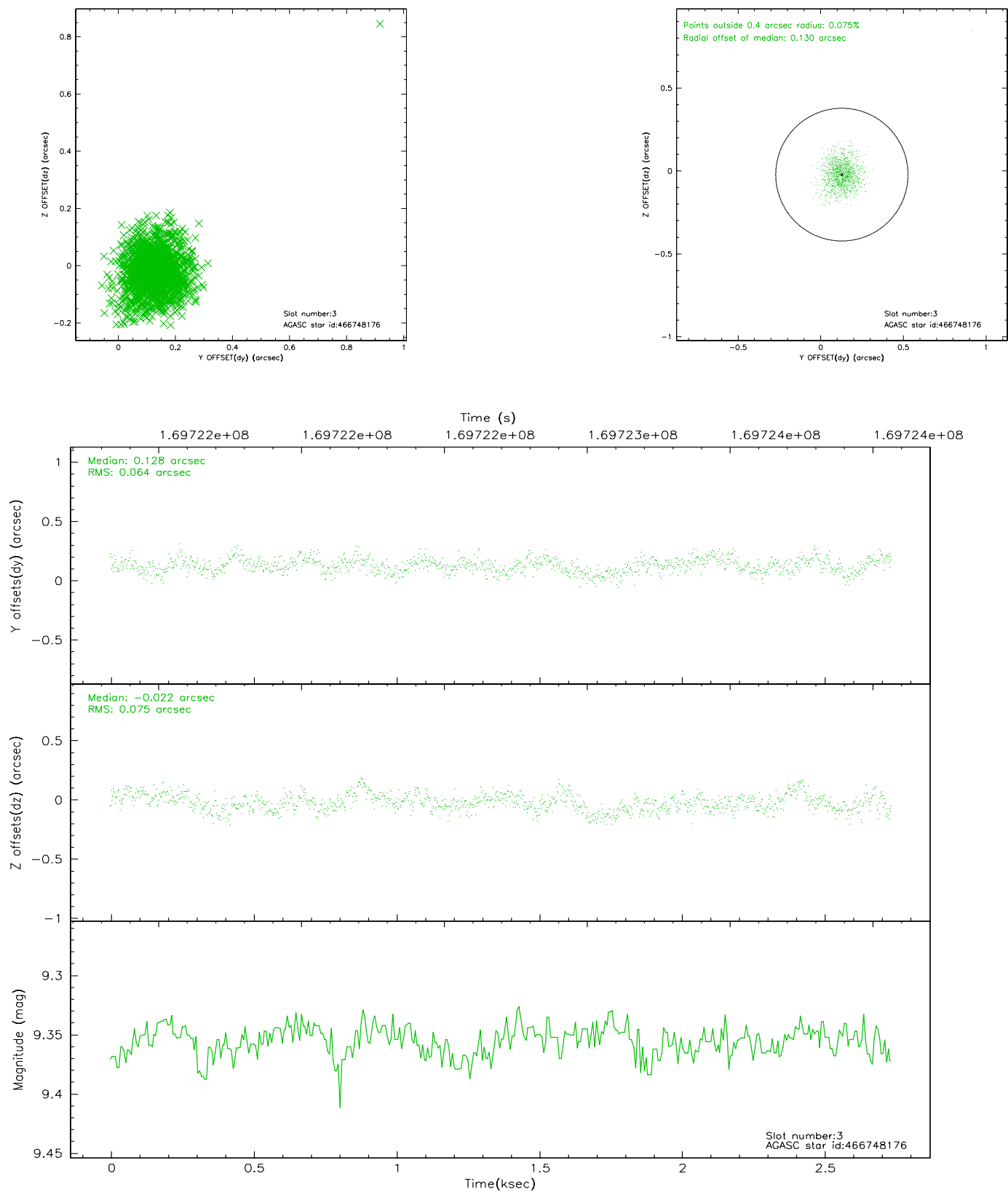


Slot Statistics

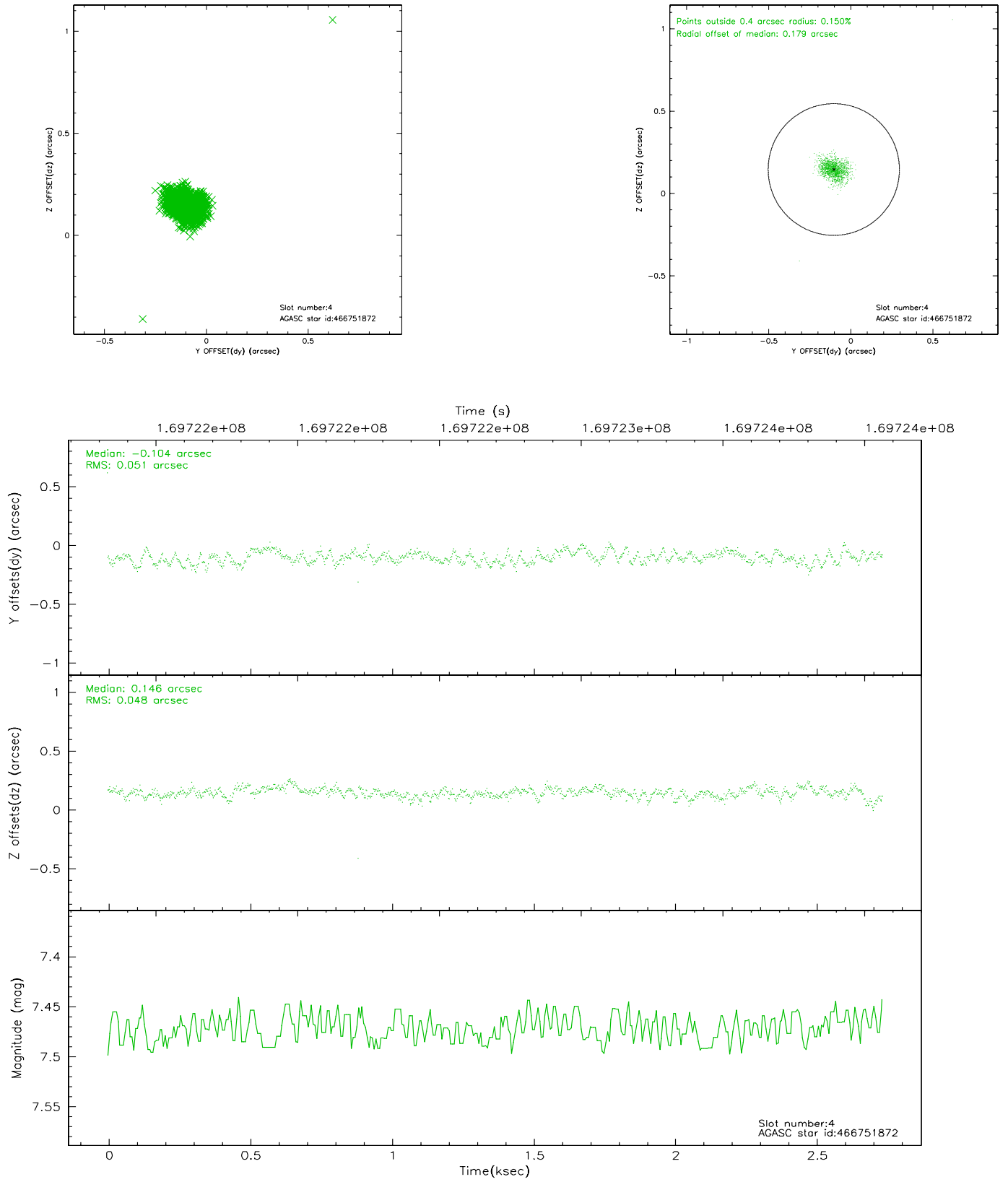
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.99	669	0.088	-0.016	0.006	0.010	0.000000	0.000000	853.96	-1296.60
1	FID	HRC-I-3	7.05	669	-0.035	0.014	0.006	0.009	0.000000	0.000000	-1185.99	1007.63
2	FID	HRC-I-4	6.99	669	0.066	-0.084	0.006	0.010	0.000000	0.000000	1282.34	1008.58
3	GUIDE	466748176	9.35	1336	0.128	-0.022	0.101	0.161	297.278339	47.857059	-644.48	-670.08
4	GUIDE	466751872	7.47	1337	-0.104	0.146	0.065	0.105	297.554889	48.391583	581.66	-2295.04
5	GUIDE	466755080	8.12	1337	-0.123	0.054	0.061	0.098	296.626318	48.453649	2012.24	-585.41
6	GUIDE	466761064	8.82	1337	0.118	-0.217	0.076	0.116	296.930524	47.552995	-1076.51	640.90
7	GUIDE	466879136	9.59	1336	-0.025	0.040	0.104	0.187	298.147389	47.749491	-2132.84	-2203.76

2.4 Star Slots

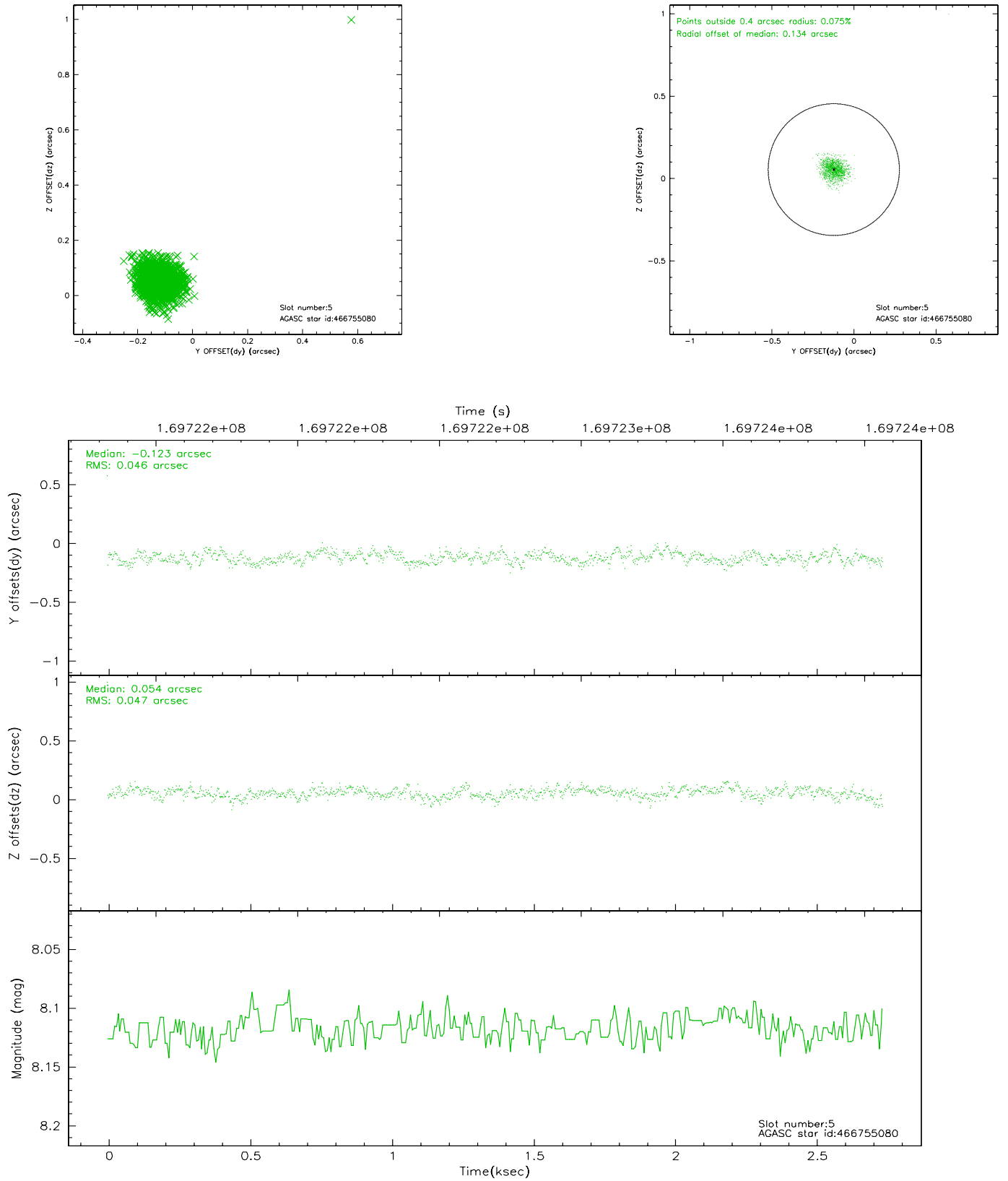
2.4.1 Slot 3



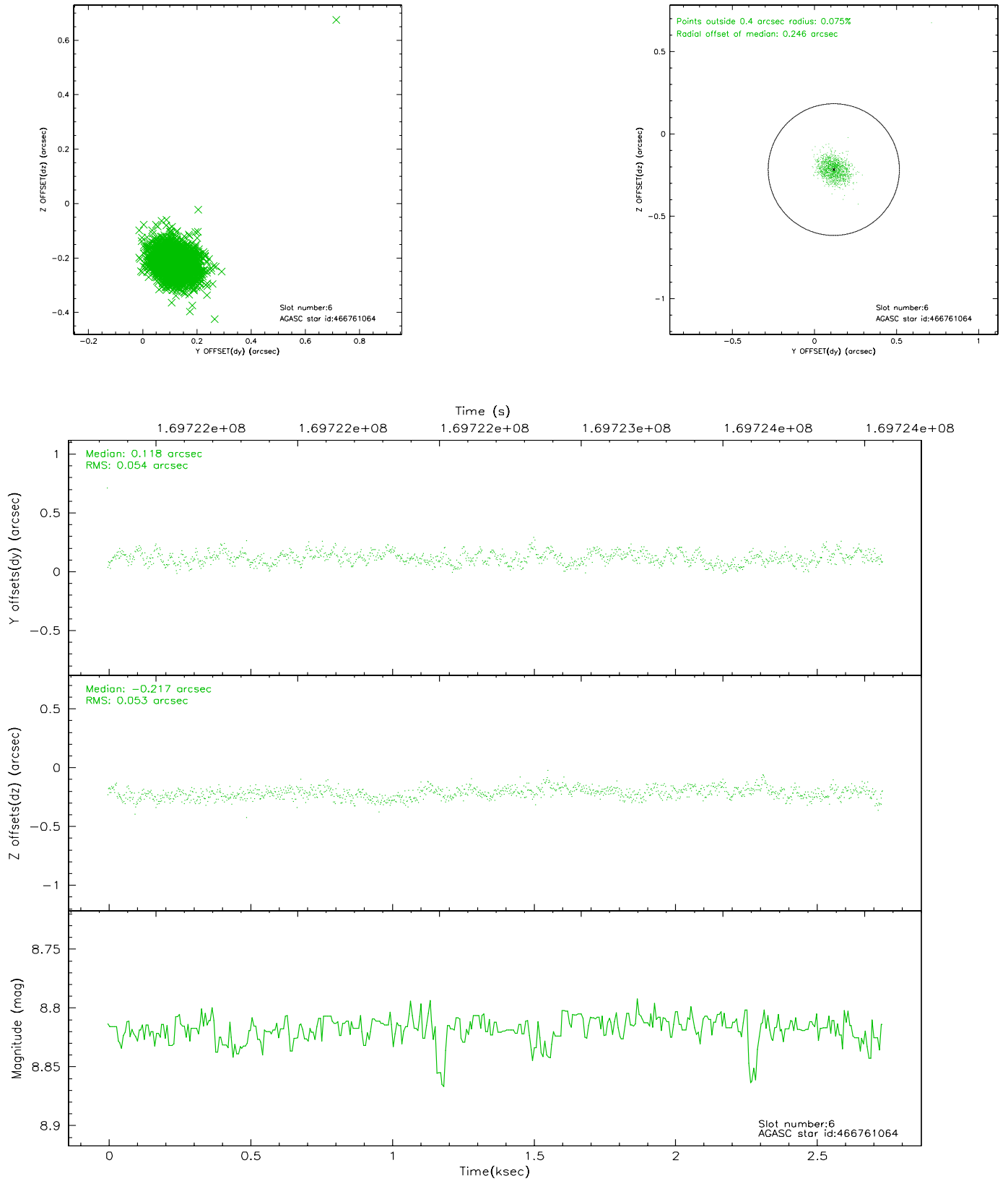
2.4.2 Slot 4



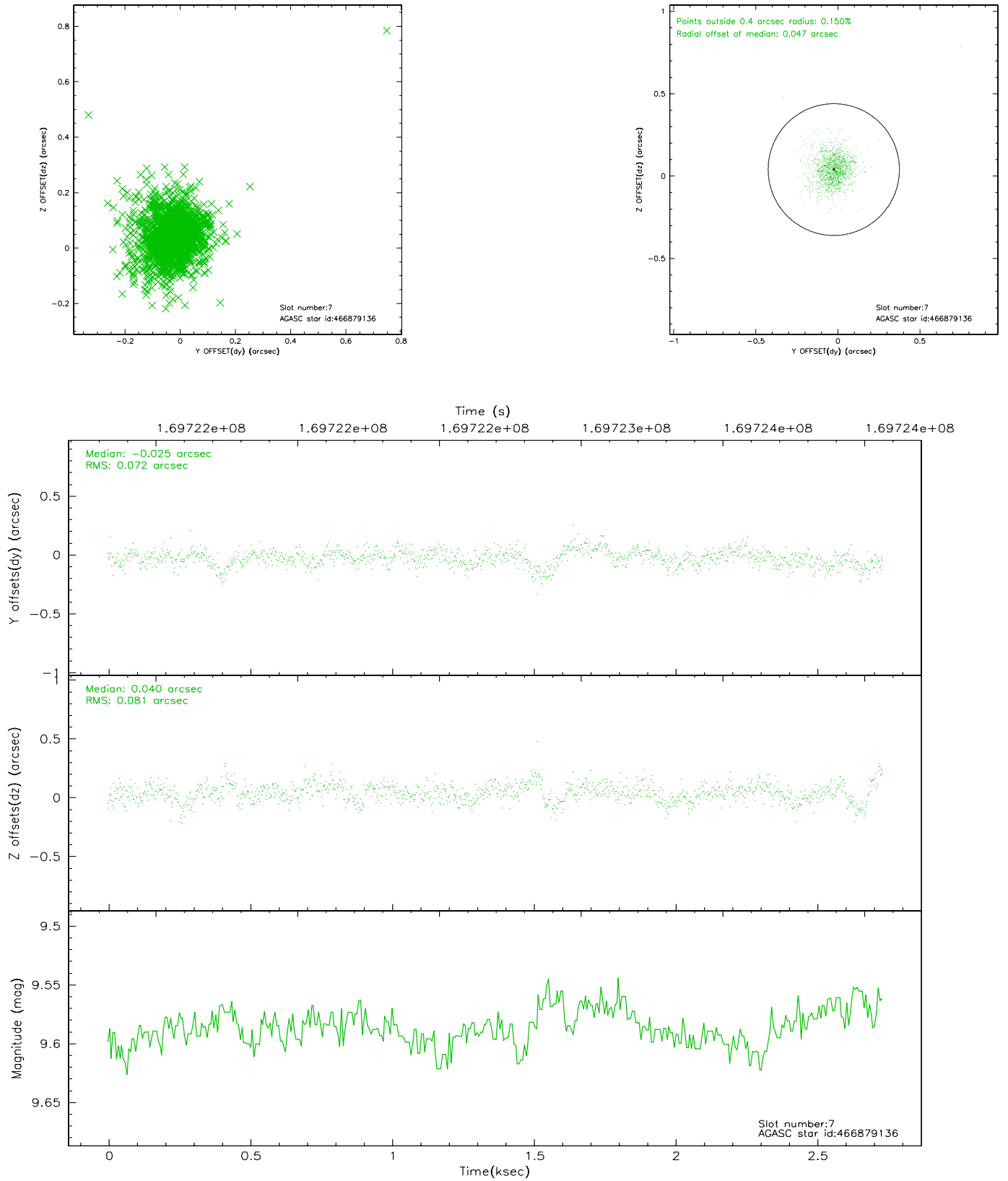
2.4.3 Slot 5



2.4.4 Slot 6

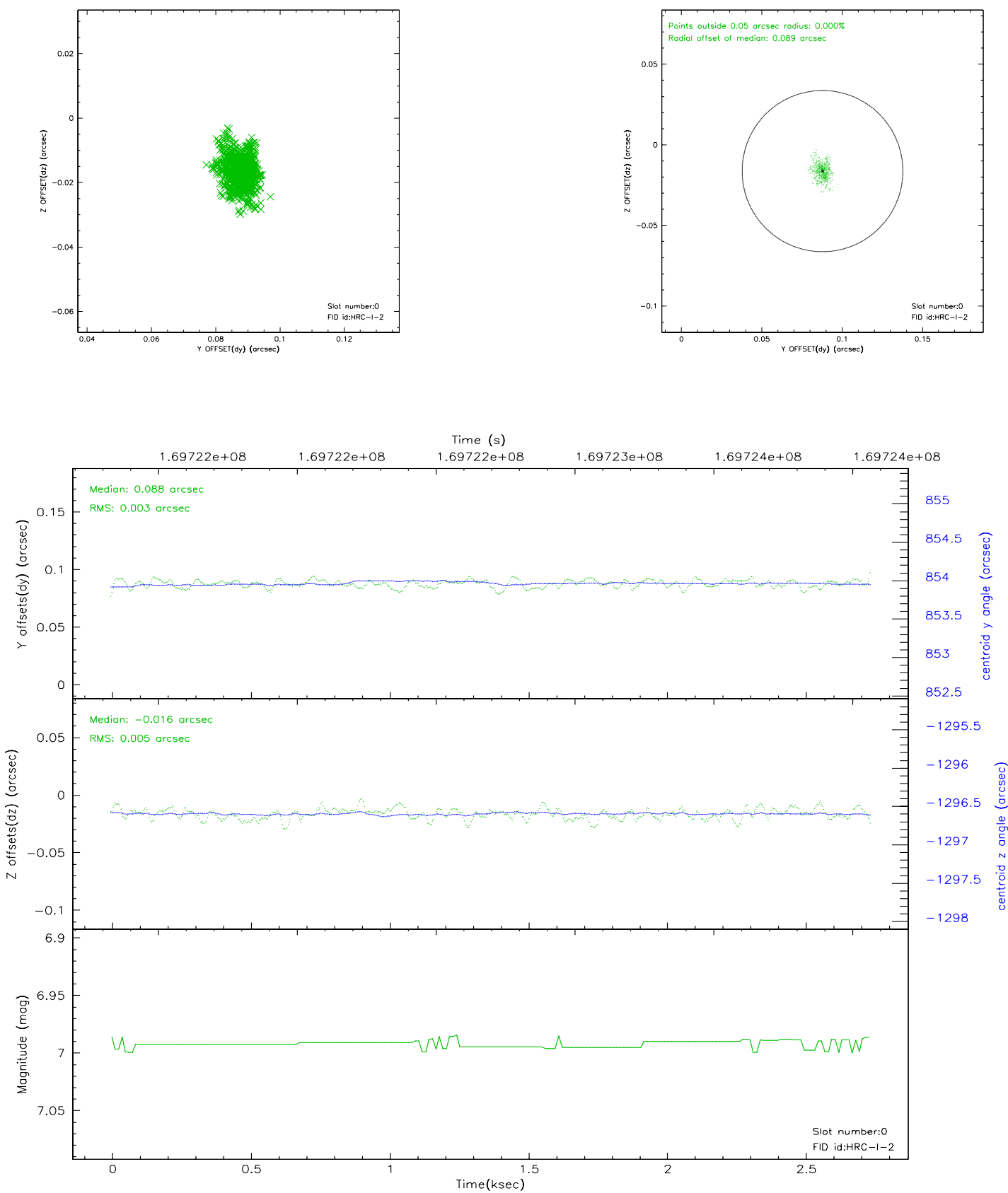


2.4.5 Slot 7

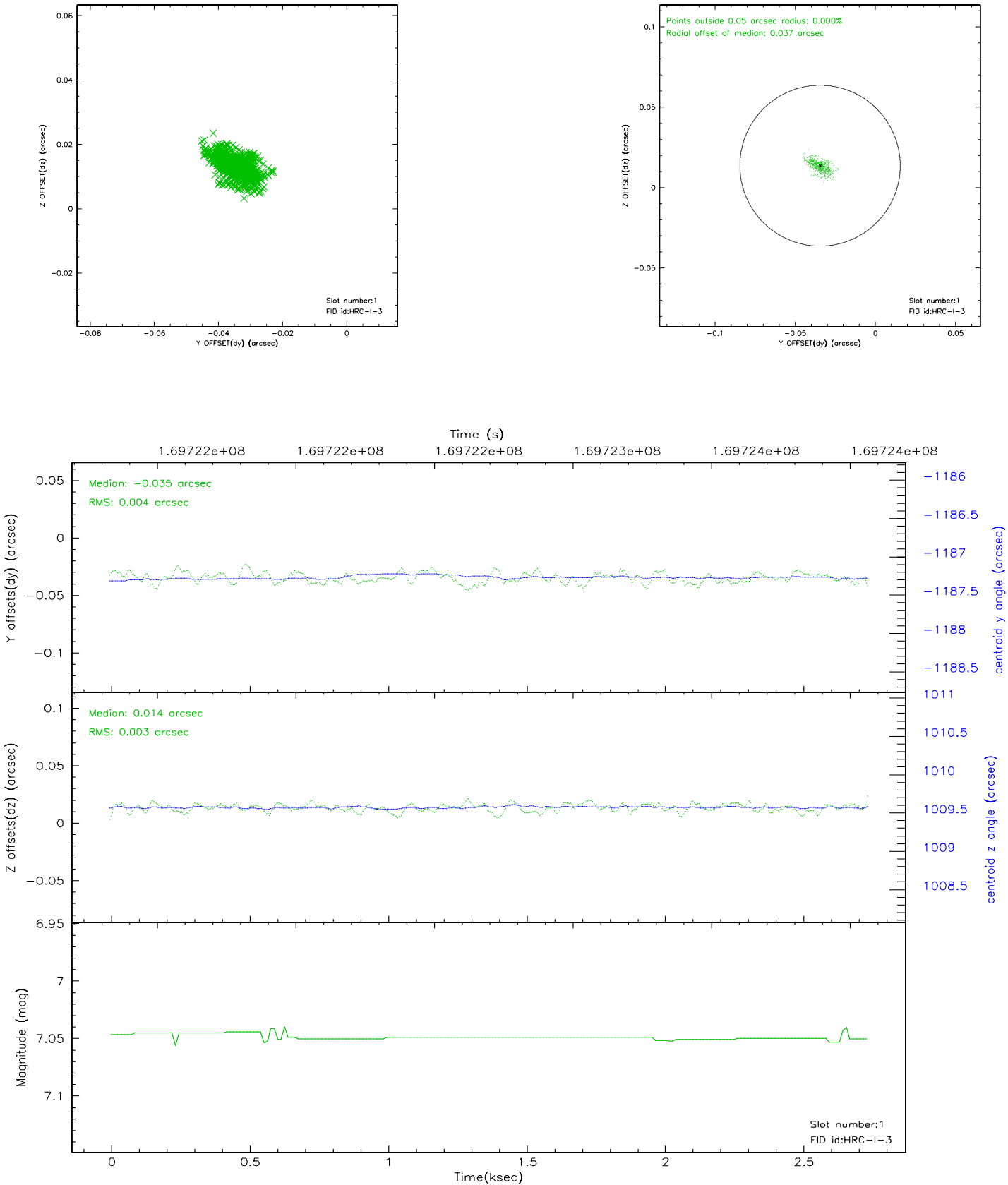


2.5 FID Slots

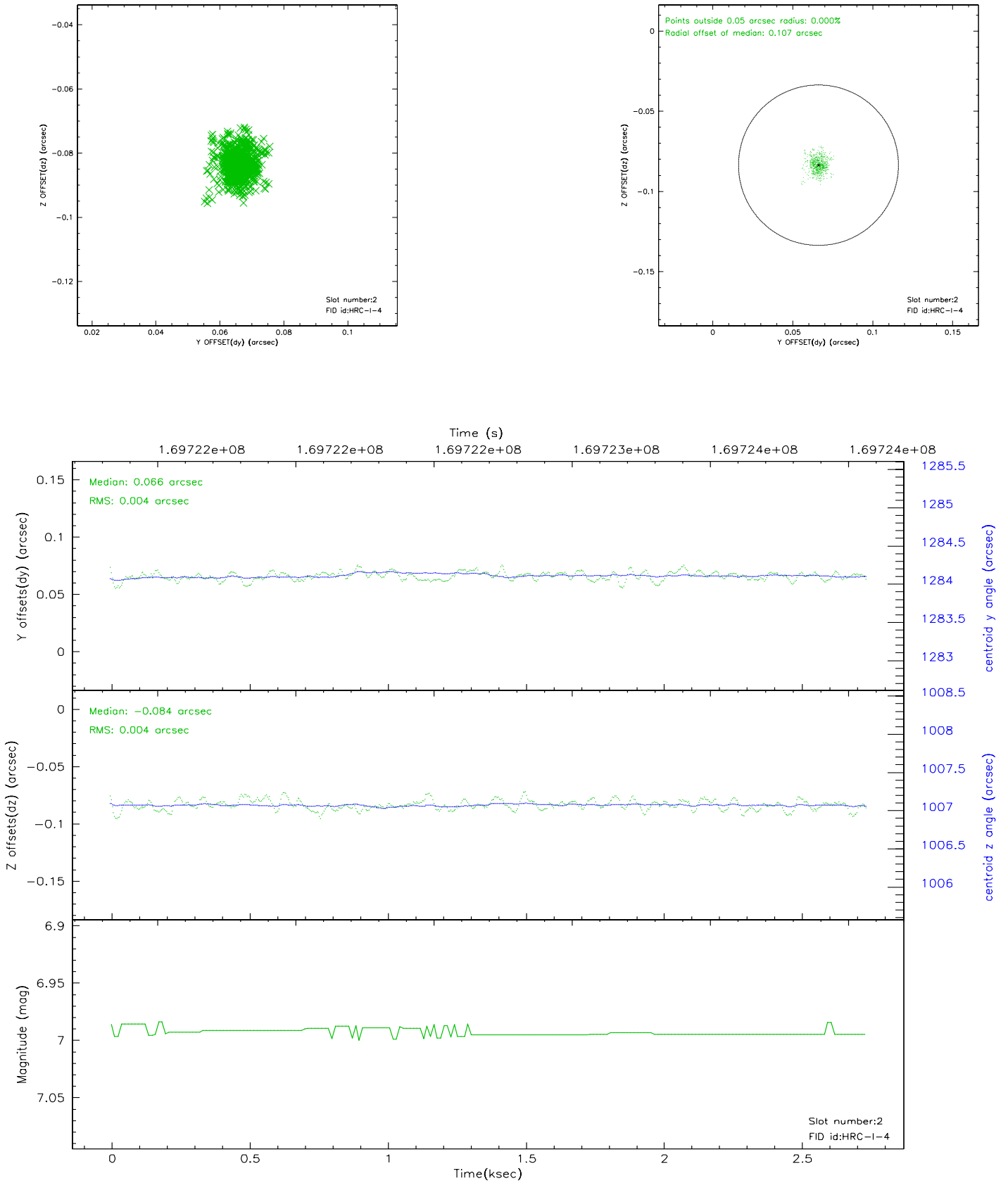
2.5.1 Slot 0



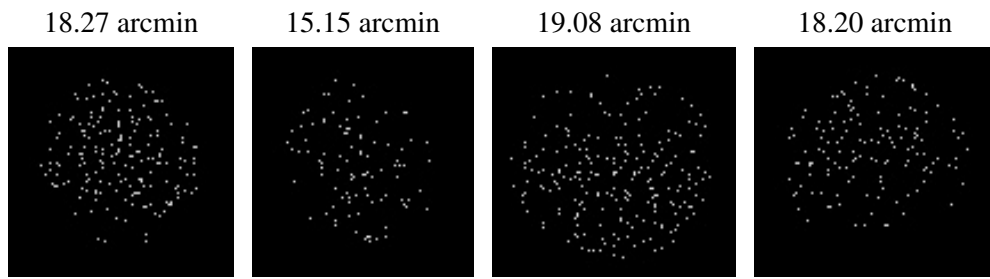
2.5.2 Slot 1



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	2.444

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.