

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2618 - L2 Version 3
Chandra X-Ray Center

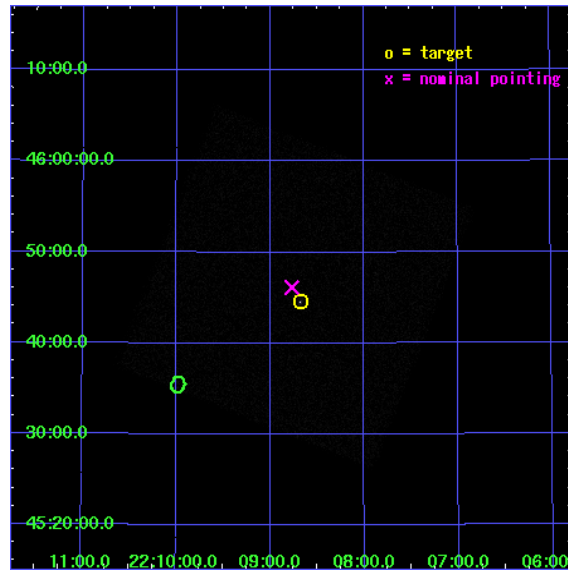
L2 Processing Date : Nov 21 2007

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1 Front

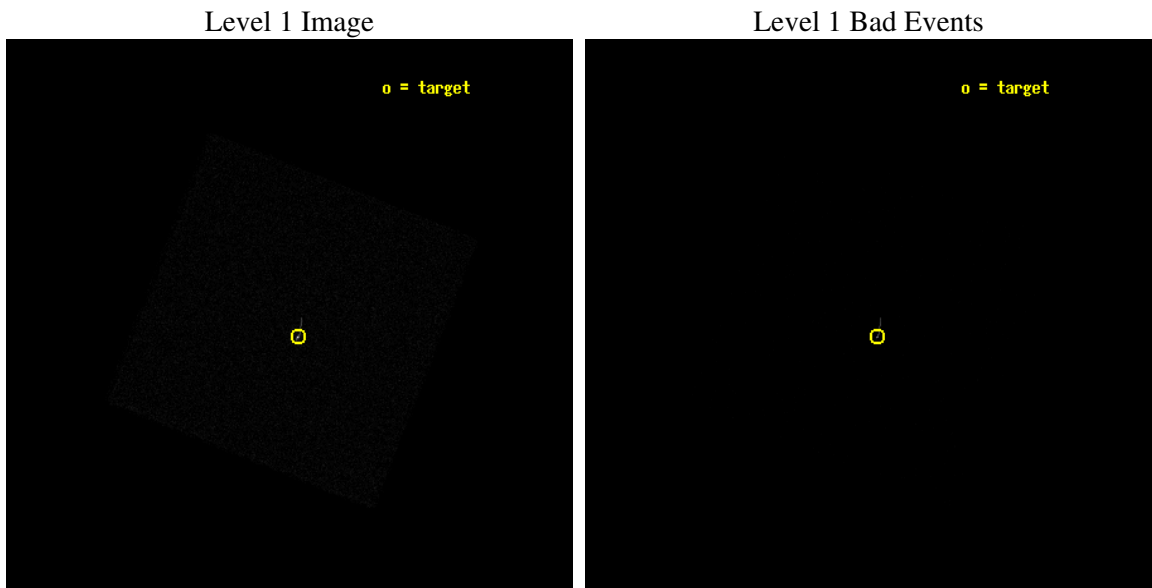
seq_num	290174
obs_id	2618
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.19191157118
dec_nom	45.769101260745
roll_nom	336.58025316501
revision	3
ontime	1196.4312981963
livetime	1189.7500403621
l2events	37381



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	2007-11-21T18:23:03
revision	3

sched_exp_time	1000.000000
ontime	1196.4312981963
l1events	67903

2.1.3 Events

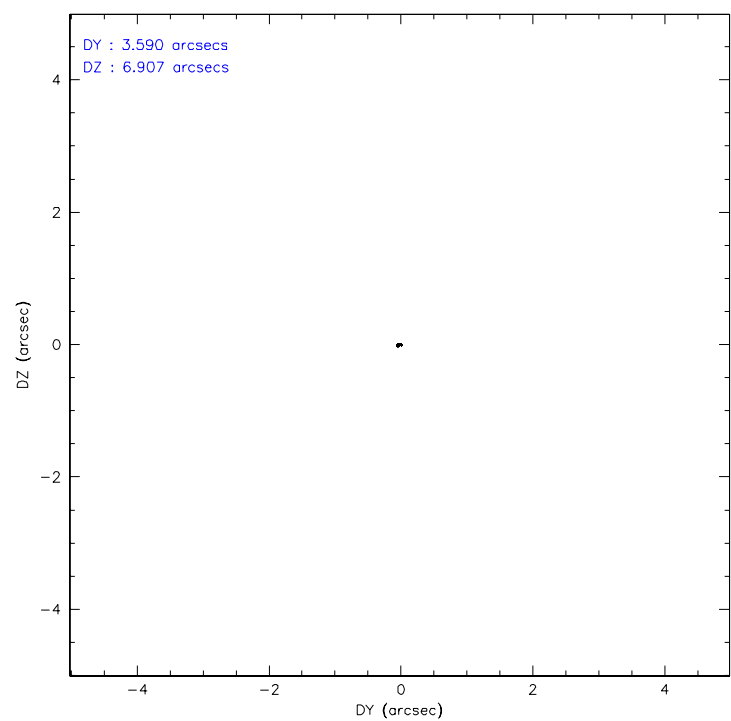
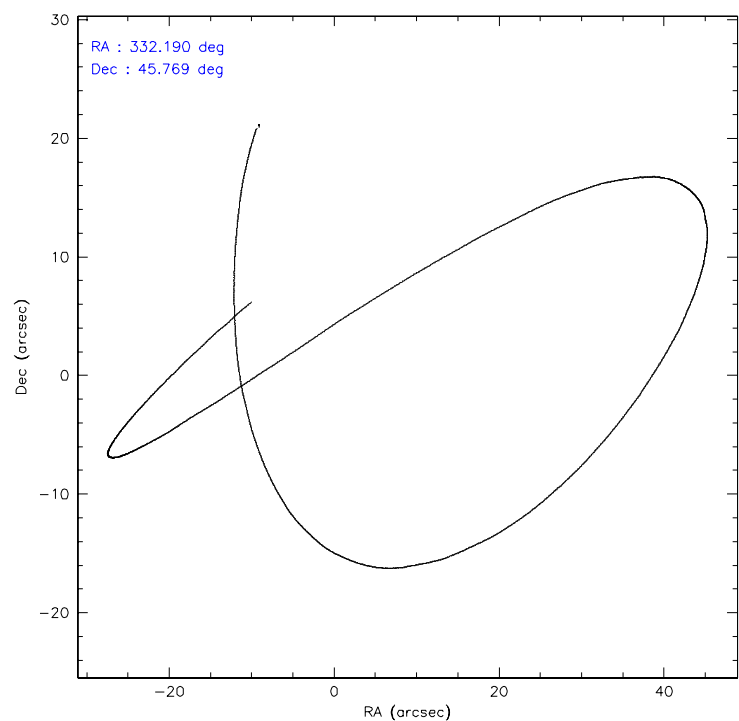
Level 1 Events

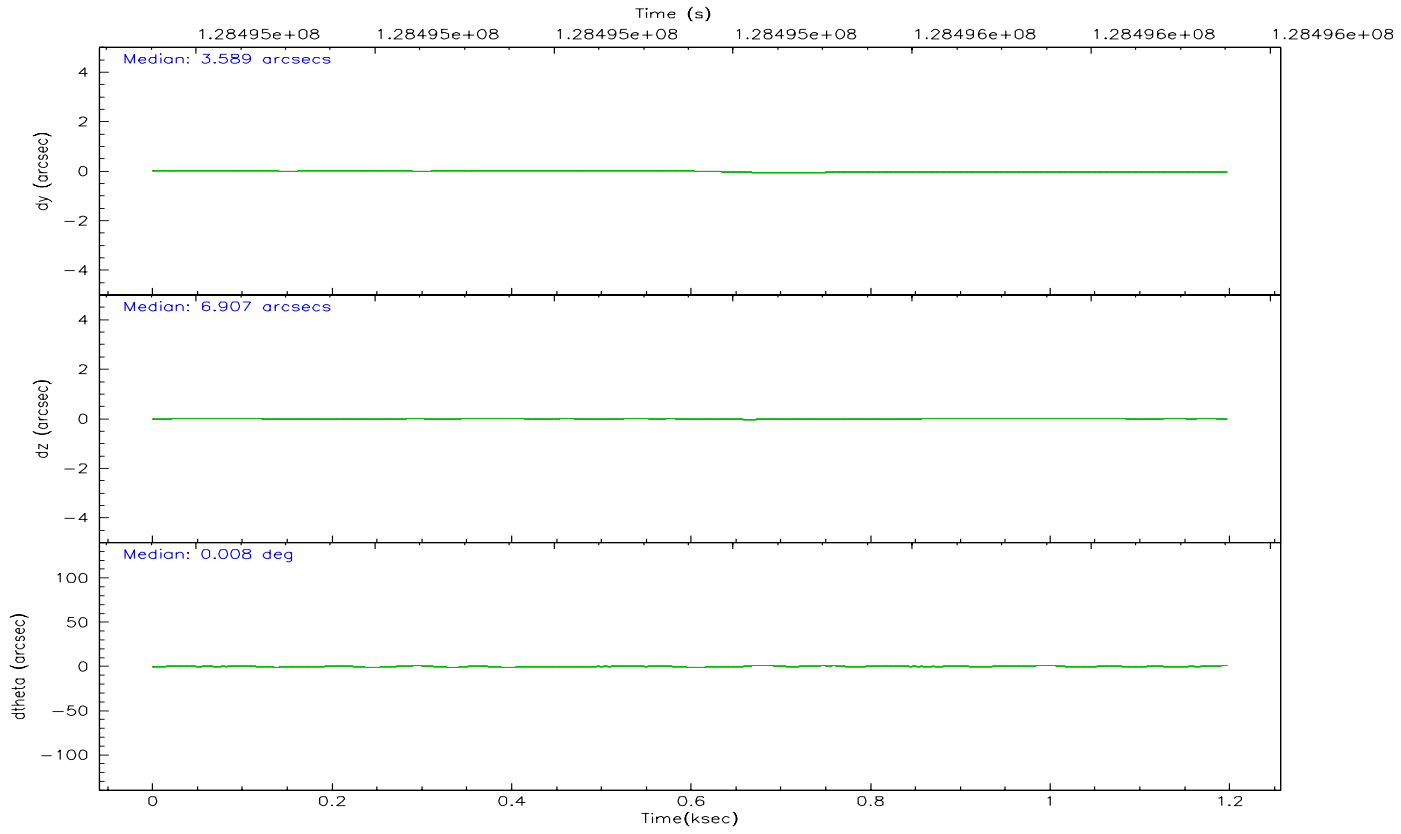
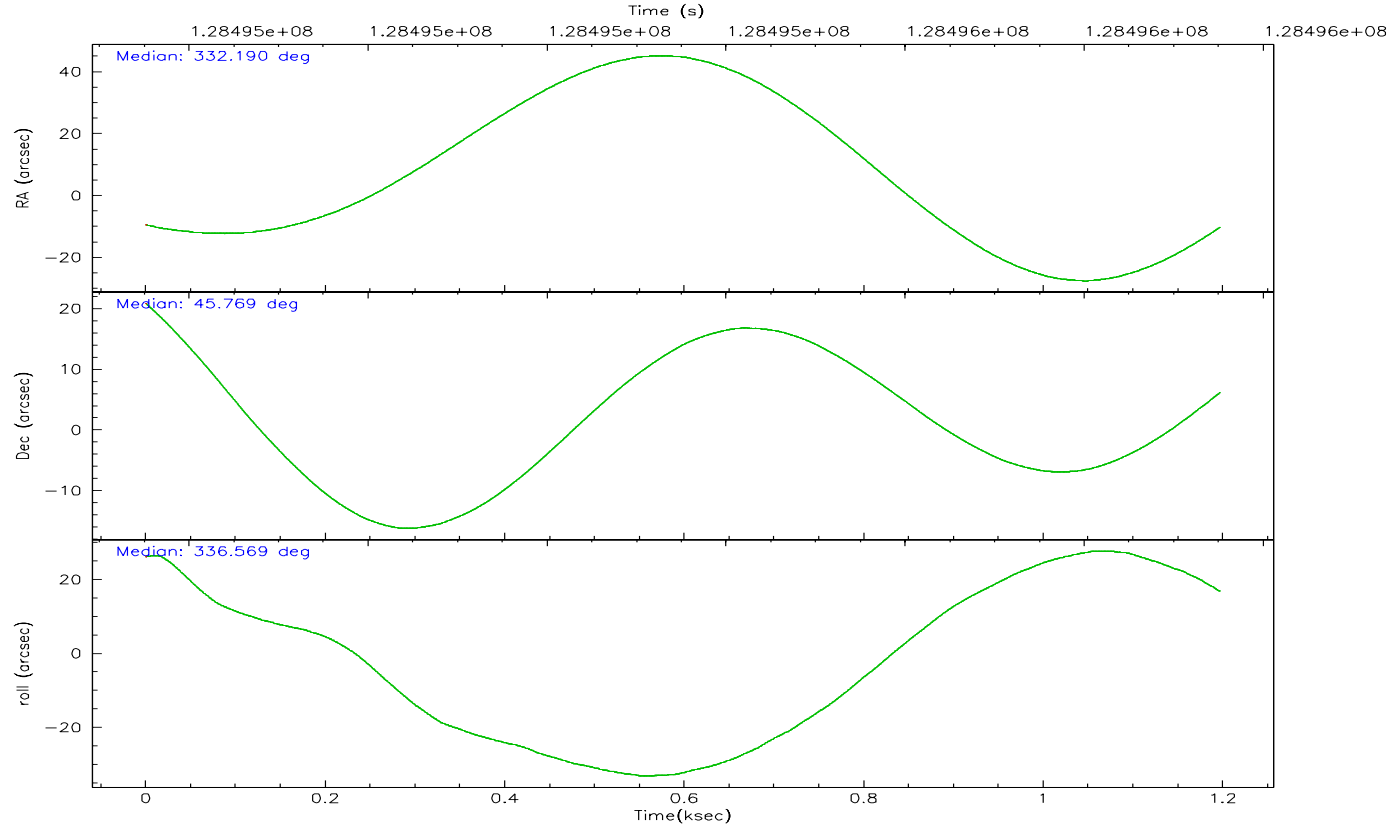
	segment 0
level 1 events	67903
rejected events	14024
rejected %	20%

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	332.154571	332.1919115711773			
Pointing Dec	45.766175	45.76910126074469			
Pointing Roll	336.702382	336.5802531650122			
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	128494949.184000	128494573.47793			
Observation start date	2002-01-27T05:01:25	2002-01-27T04:56:13			
Observation end time	128495949.184000	128496083.30299			
Observation end date	2002-01-27T05:18:05	2002-01-27T05:21:23			

2.3 Aspect



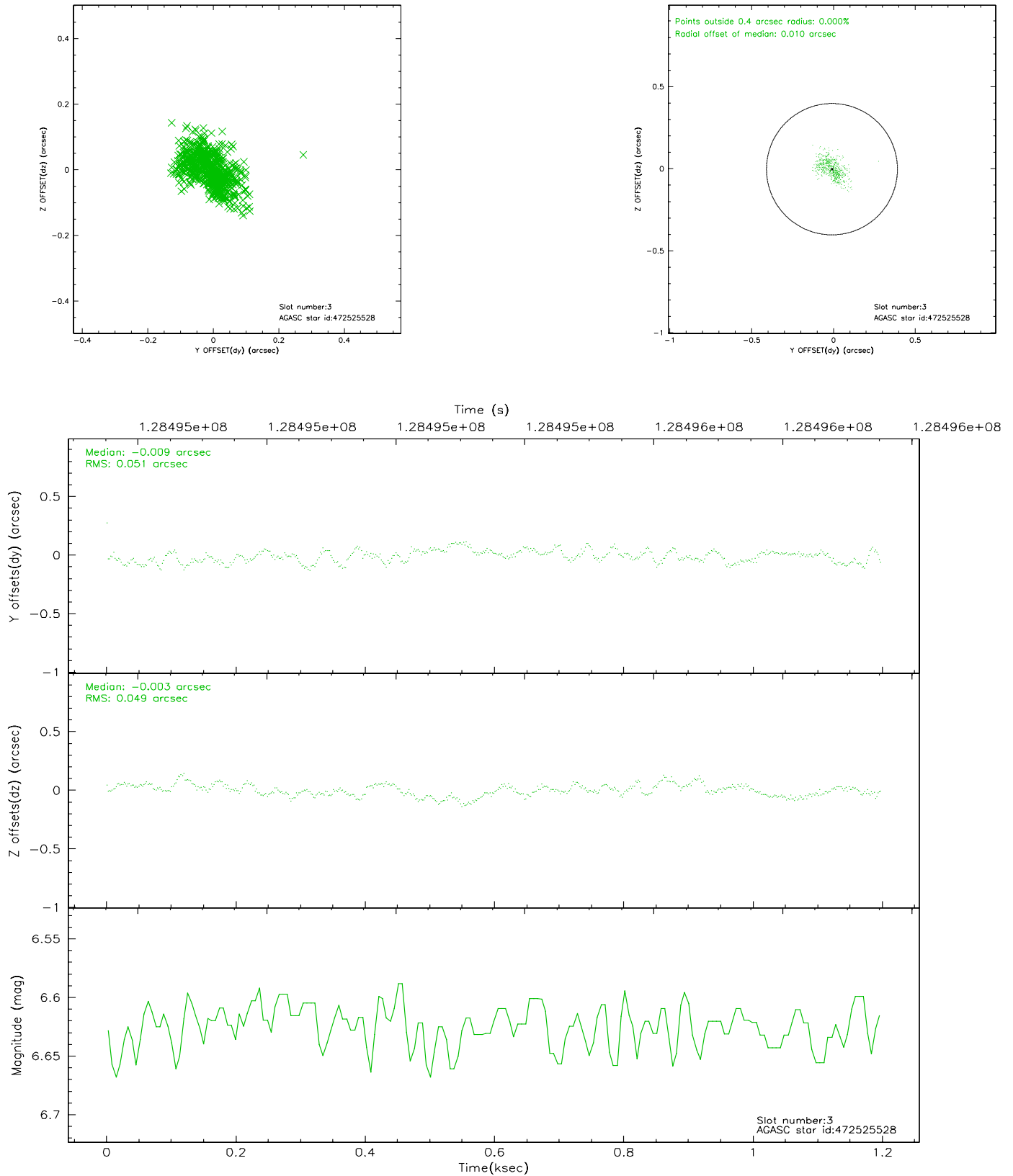


Slot Statistics

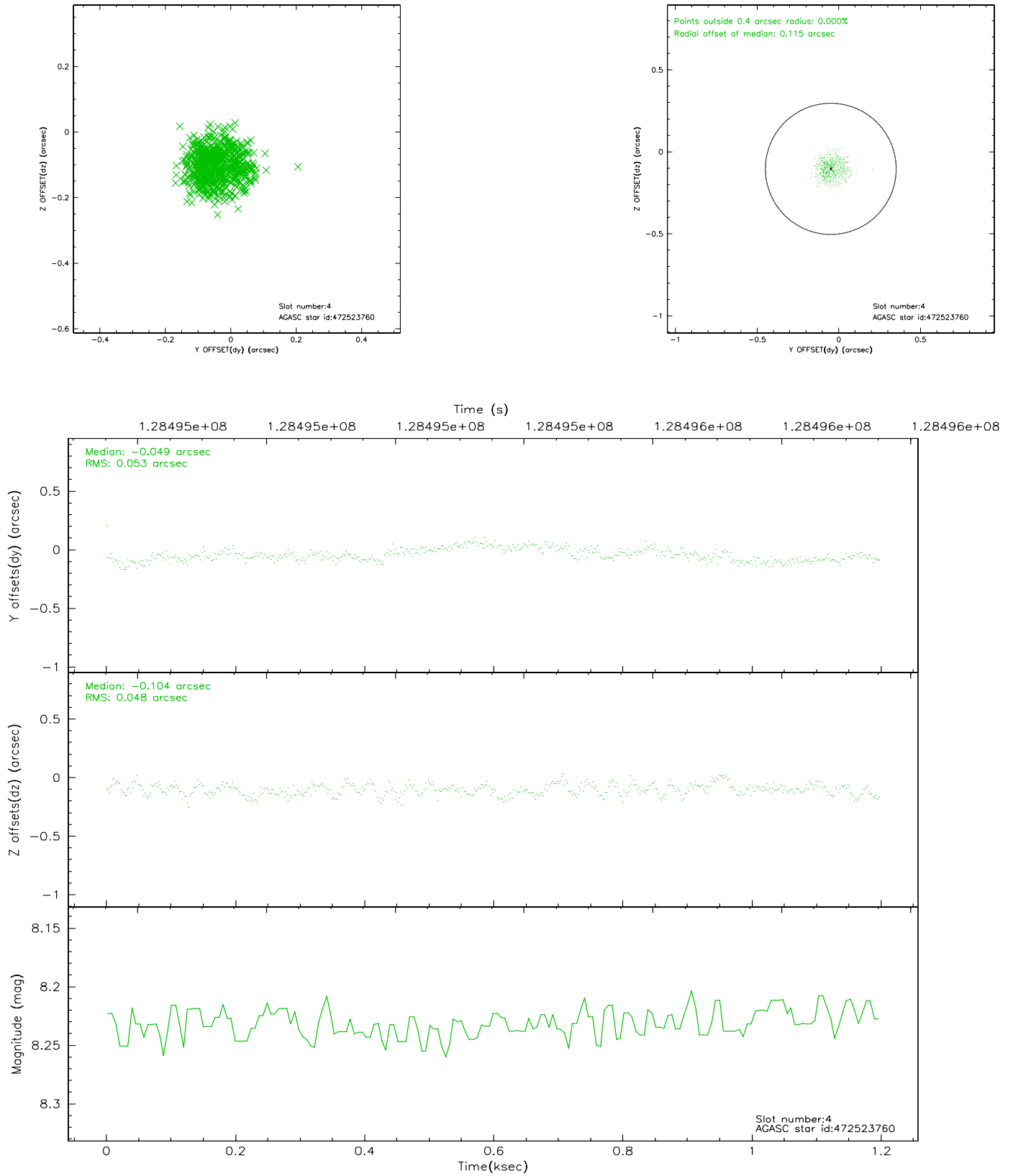
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	293	0.027	0.029	0.008	0.012	0.000000	0.000000	-759.02	-1294.78
1	FID	HRC-I-2	7.00	293	0.077	-0.070	0.007	0.011	0.000000	0.000000	851.07	-1300.85
2	FID	HRC-I-3	7.05	293	0.016	-0.049	0.005	0.011	0.000000	0.000000	-1184.64	1005.26
3	GUIDE	472525528	6.62	585	-0.009	-0.003	0.075	0.120	331.551102	45.248694	-668.04	-2307.64
4	GUIDE	472523760	8.23	585	-0.049	-0.104	0.079	0.119	331.645363	45.403260	-666.09	-1706.29
5	GUIDE	472665256	9.01	578	-0.035	-0.013	0.090	0.147	332.808125	46.195041	882.68	2068.60
6	GUIDE	472659832	9.46	585	0.090	0.132	0.122	0.198	332.780399	46.098139	962.90	1728.18
7	GUIDE	472654568	9.44	584	0.000	-0.005	0.108	0.176	332.194449	45.063576	1097.44	-2276.67

2.4 Star Slots

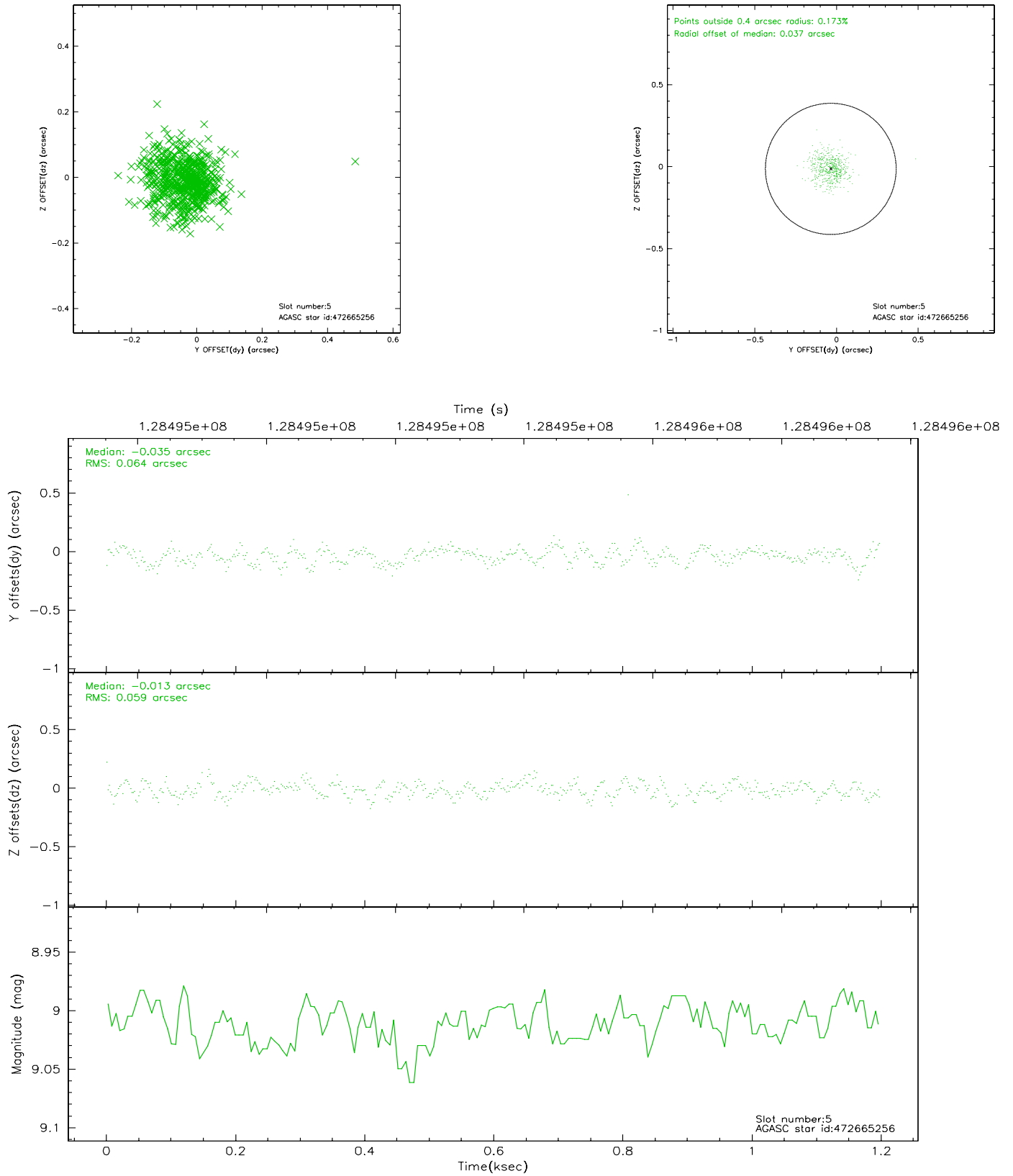
2.4.1 Slot 3



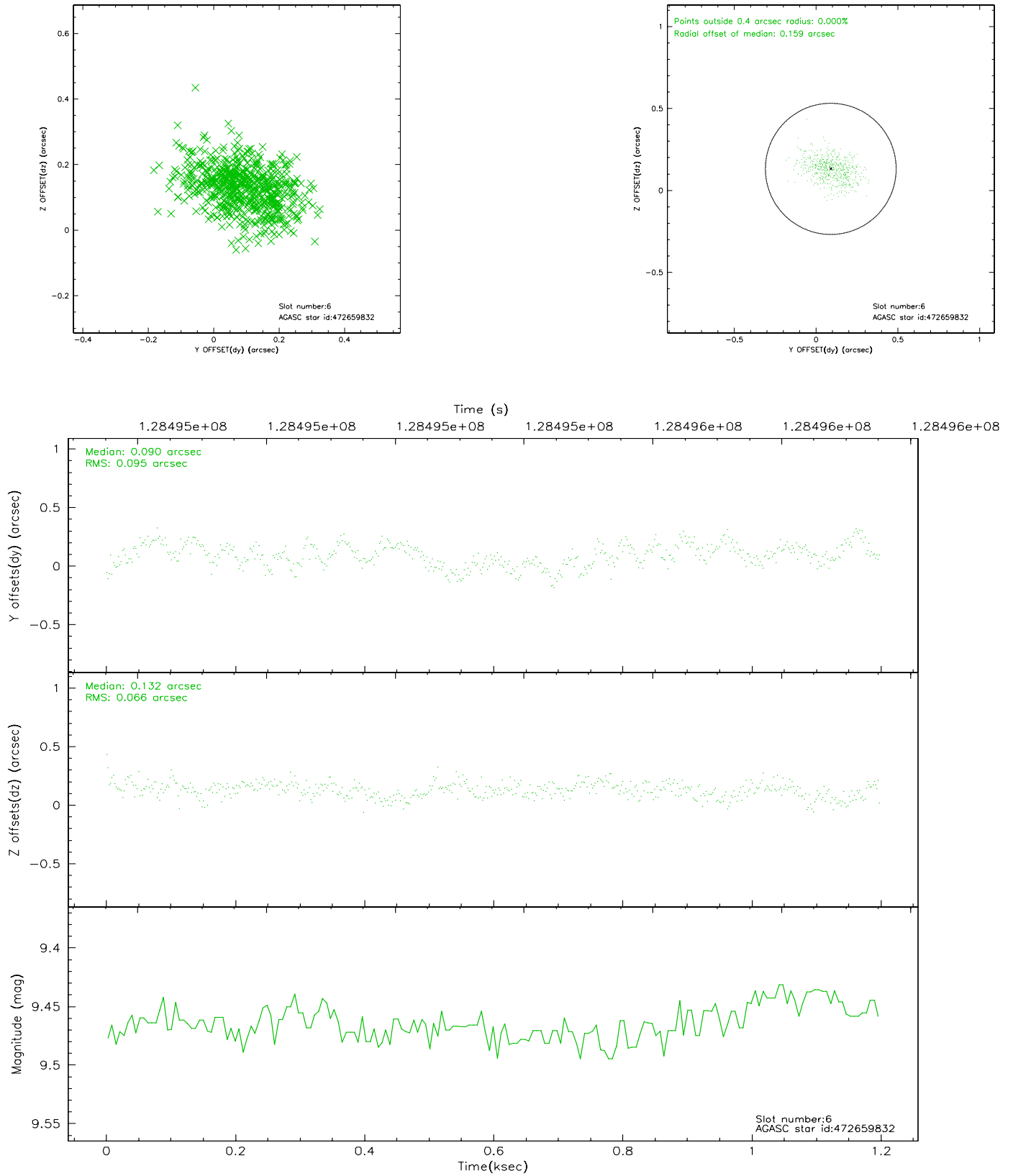
2.4.2 Slot 4



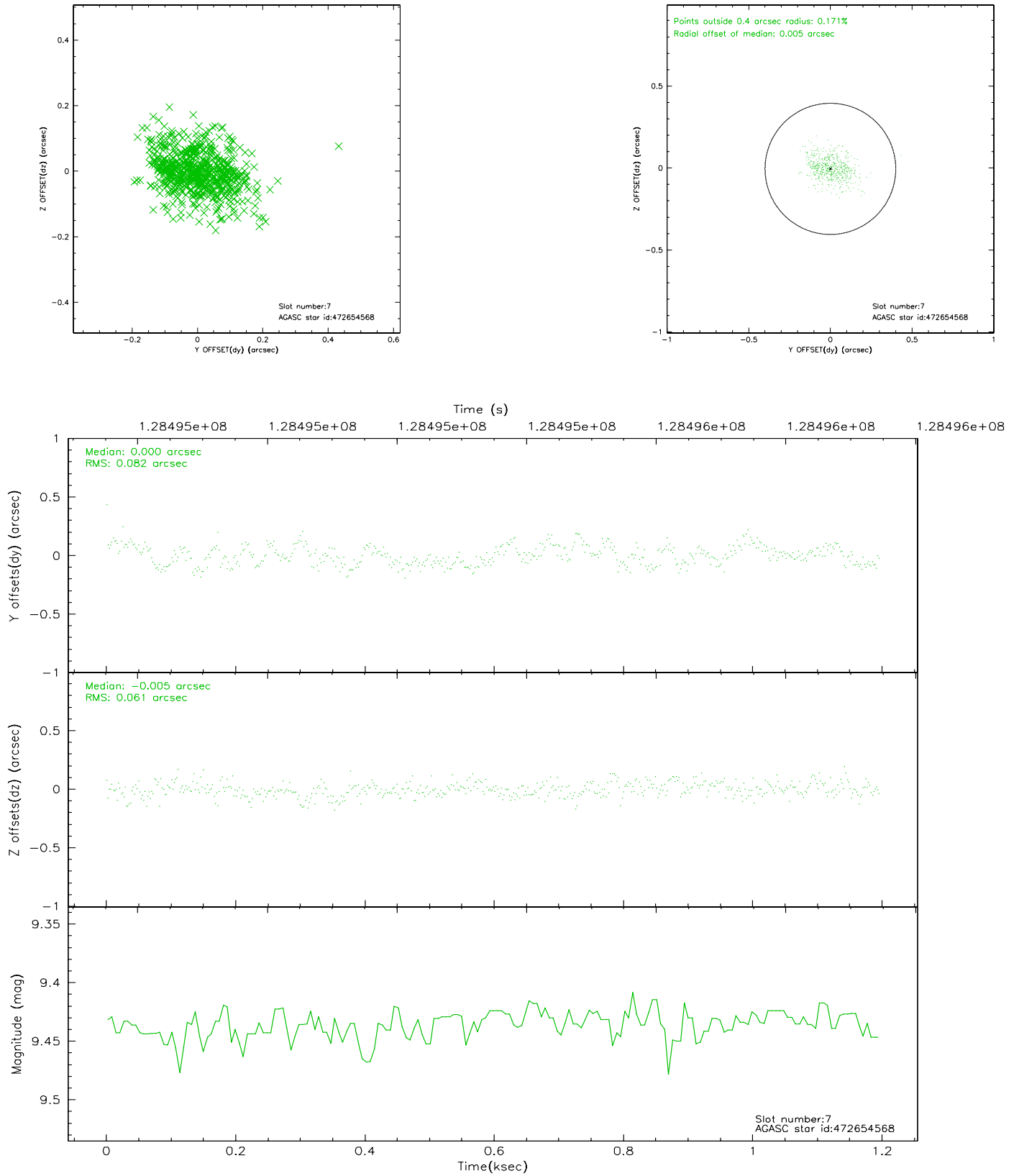
2.4.3 Slot 5



2.4.4 Slot 6

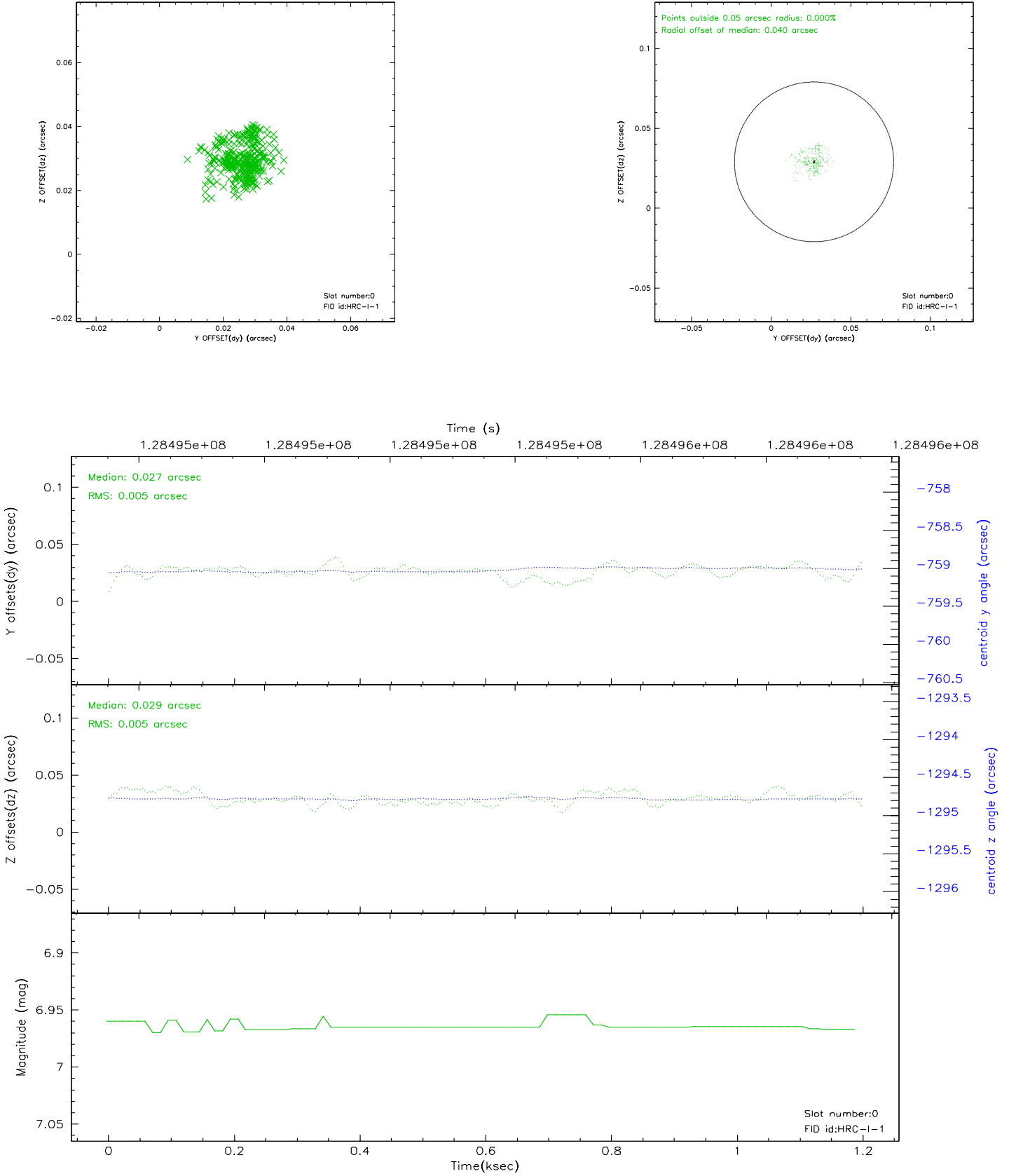


2.4.5 Slot 7

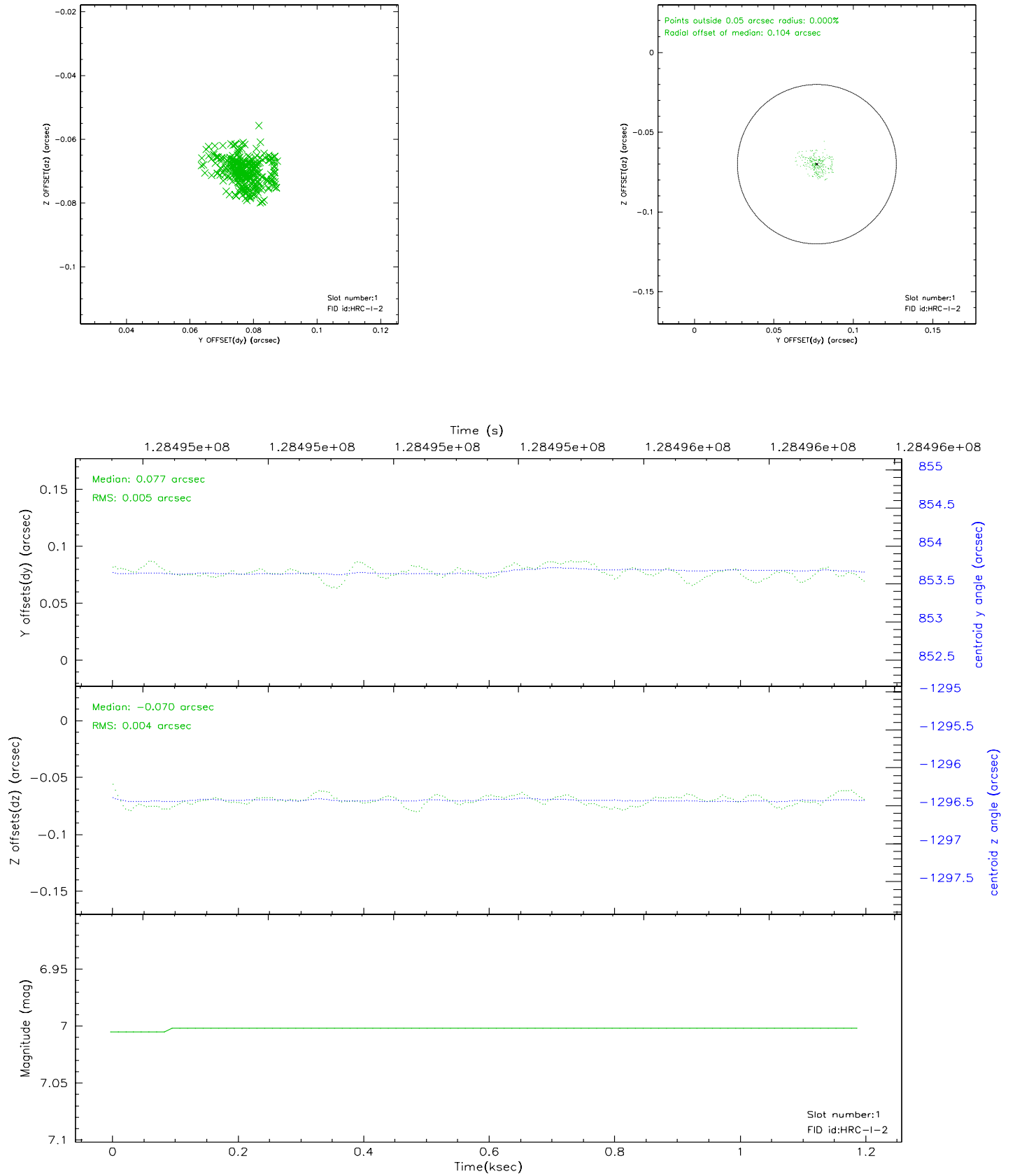


2.5 FID Slots

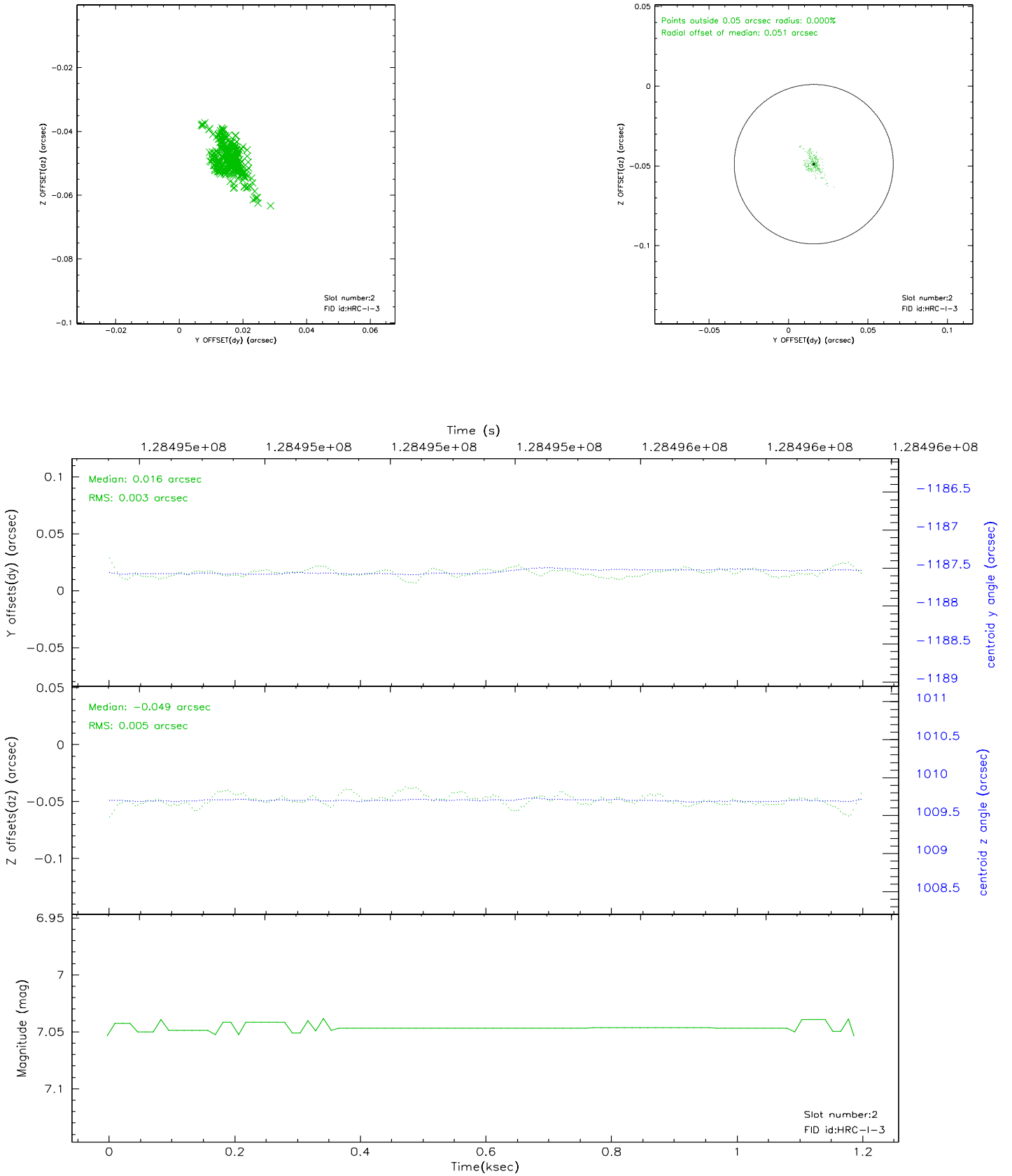
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

16.60 arcmin



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	1.196

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.