

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5061 - L2 Version 3
Chandra X-Ray Center

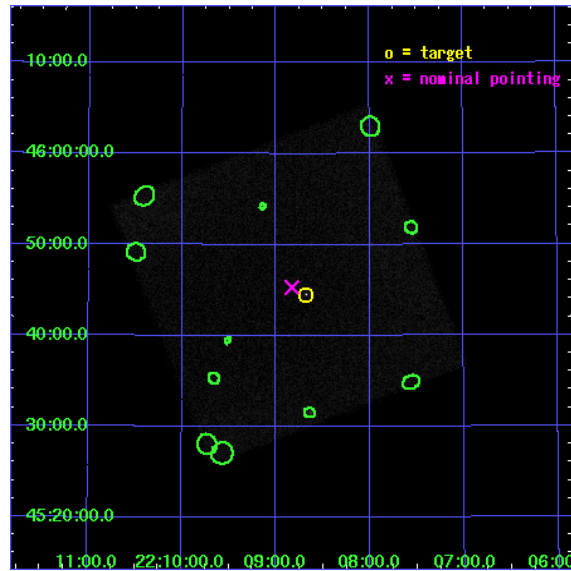
L2 Processing Date : Nov 23 2007

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1 Front

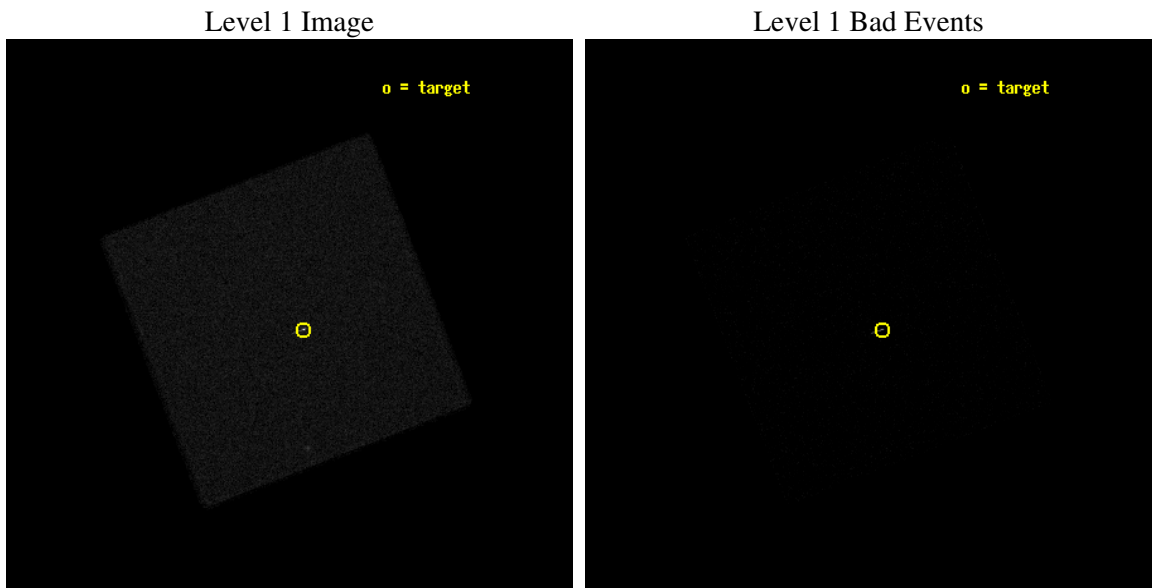
seq_num	290334
obs_id	5061
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.20756564971
dec_nom	45.755144511037
roll_nom	203.87762812878
revision	3
ontime	1177.7250525355
livetime	1150.6497504335
l2events	122390



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	2007-11-24T01:02:36
revision	3

sched_exp_time	1000.000000
ontime	1177.7250525355
l1events	240903

2.1.3 Events

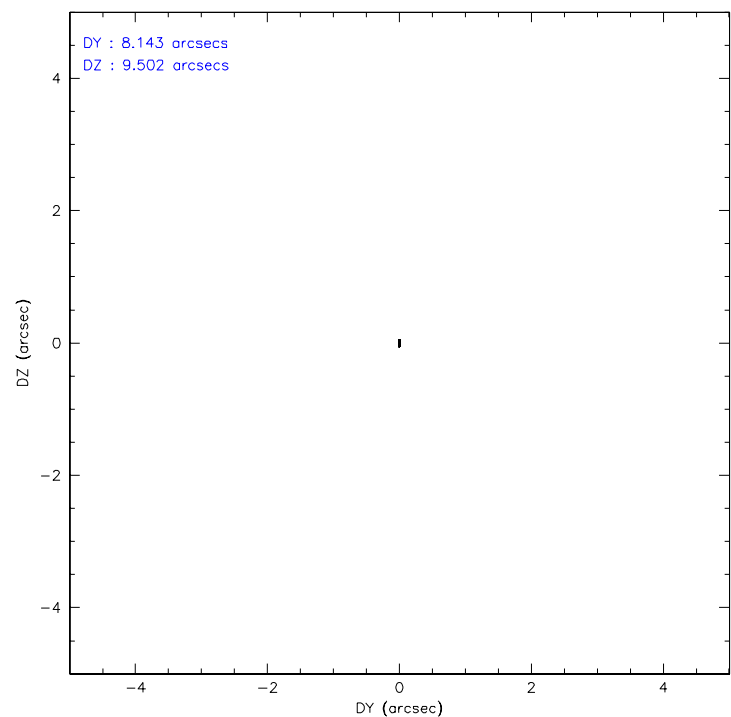
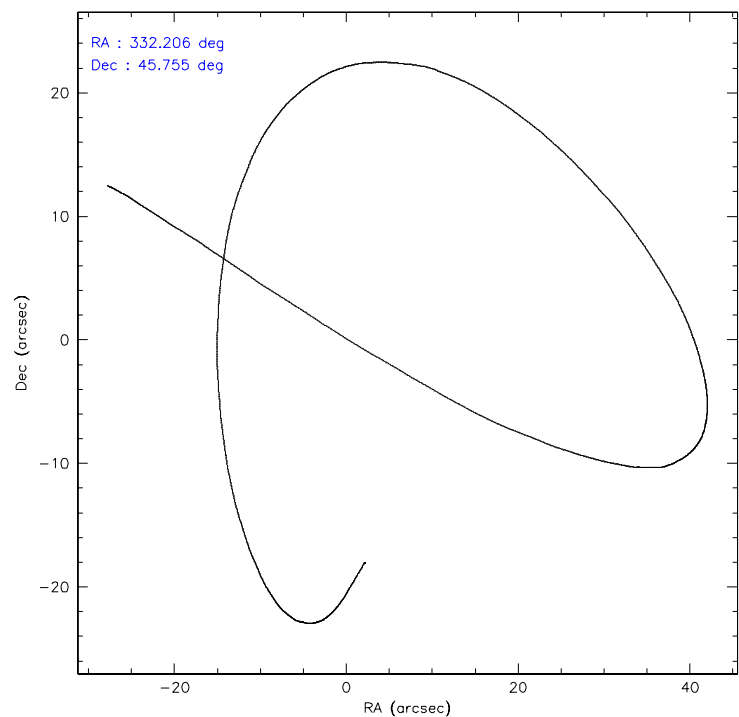
Level 1 Events

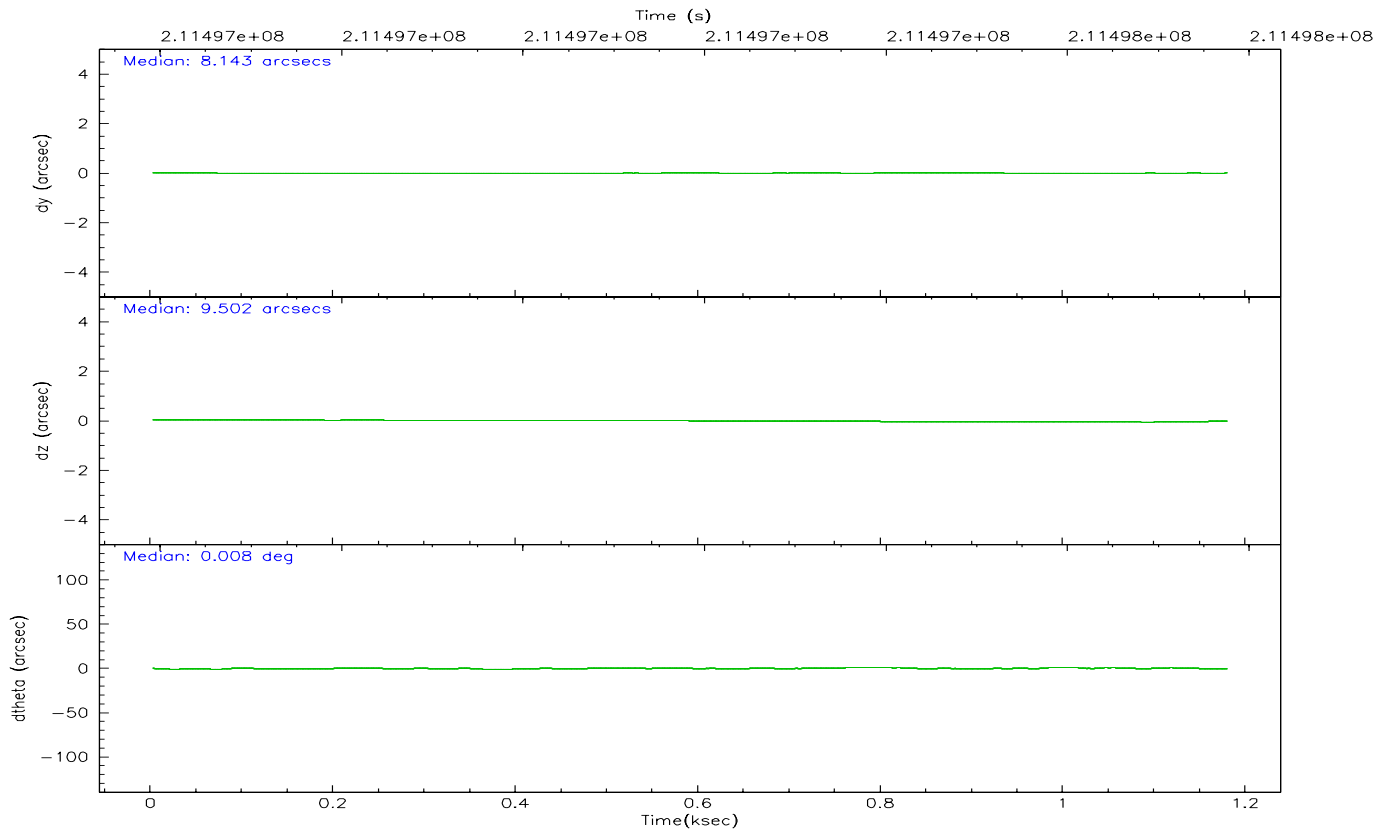
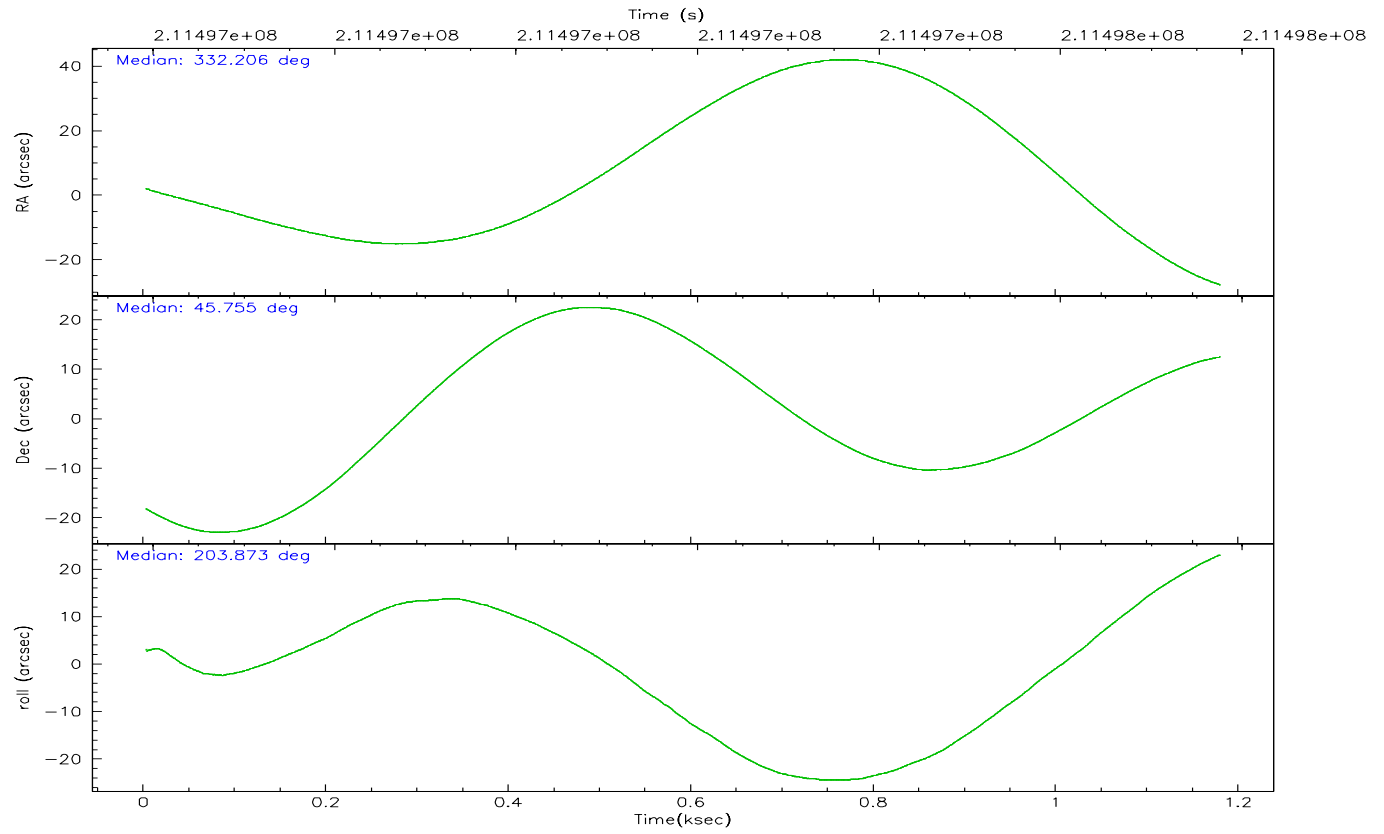
	segment 0
level 1 events	240903
rejected events	49868
rejected %	20%

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	332.229854	332.2075656497109			
Pointing Dec	45.778019	45.75514451103693			
Pointing Roll	203.957121	203.8776281287797			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	211496773.184000	211496380.22666			
Observation start date	2004-09-13T21:05:09	2004-09-13T20:59:40			
Observation end time	211497773.184000	211497925.92673			
Observation end date	2004-09-13T21:21:49	2004-09-13T21:25:25			

2.3 Aspect



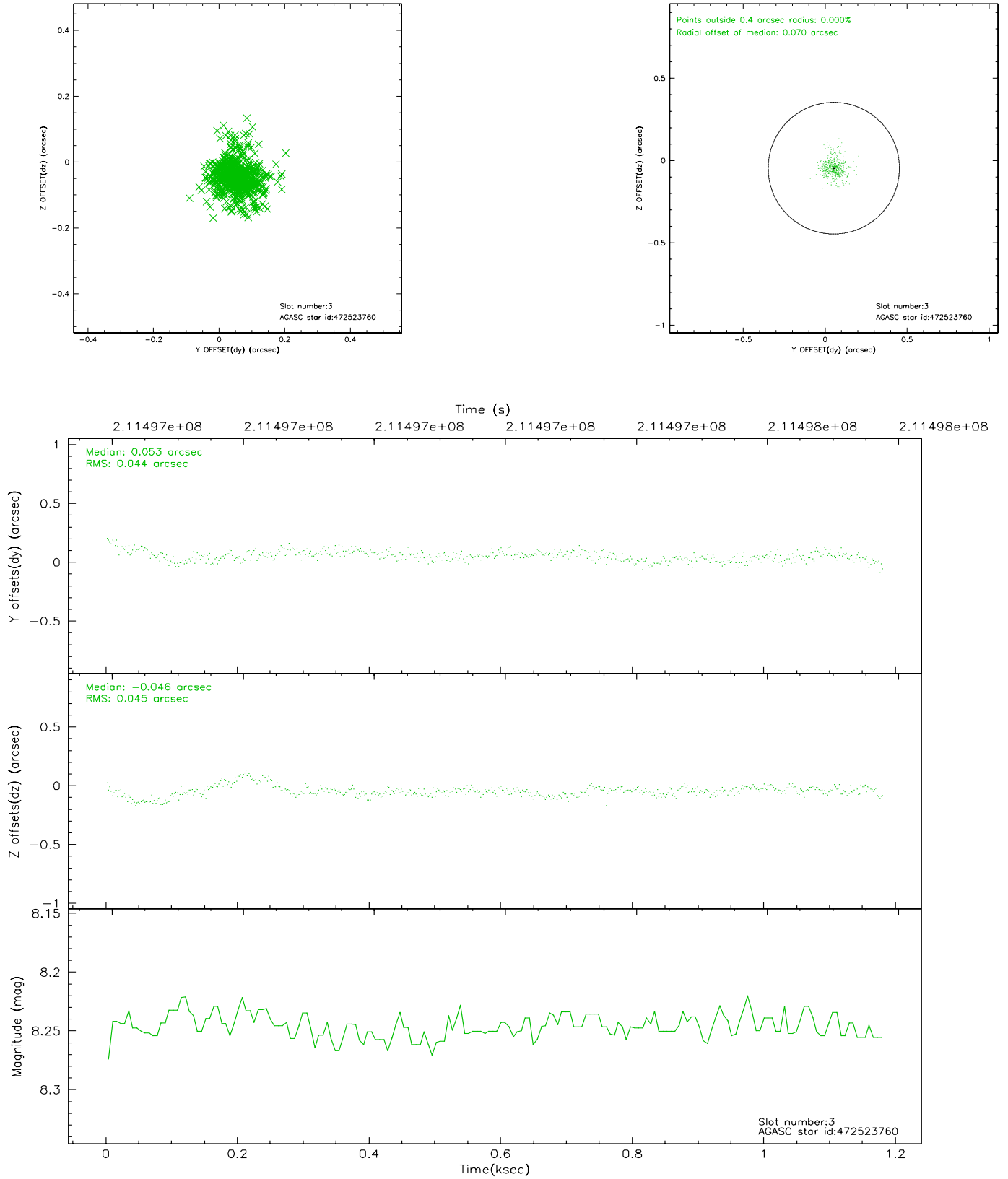


Slot Statistics

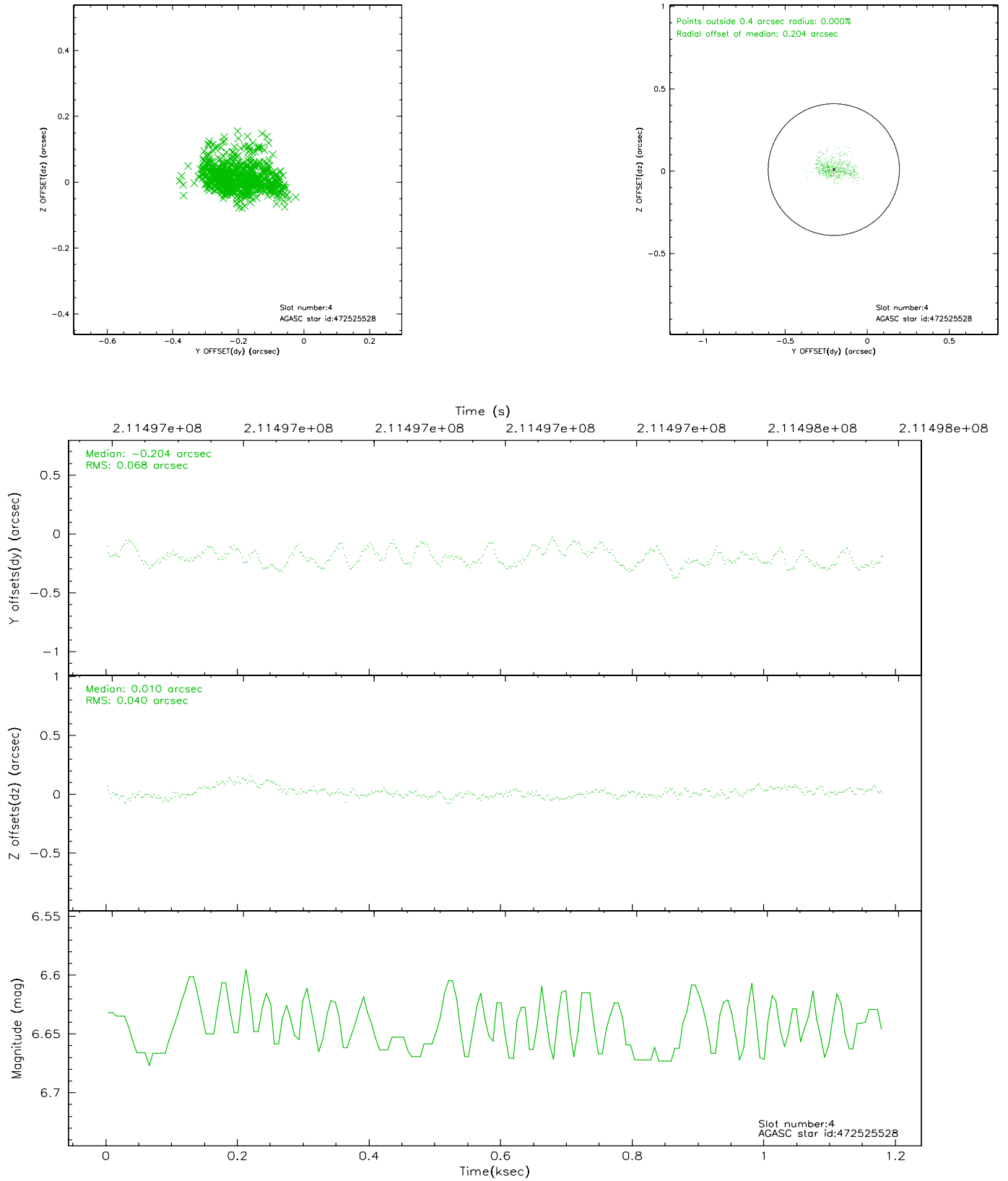
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.04	288	-0.035	0.038	0.008	0.013	0.000000	0.000000	-763.79	-1297.38
1	FID	HRC-I-2	7.08	288	0.160	-0.098	0.007	0.012	0.000000	0.000000	846.38	-1303.59
2	FID	HRC-I-3	7.13	288	-0.007	-0.029	0.006	0.011	0.000000	0.000000	-1189.31	1002.59
3	GUIDE	472523760	8.25	576	0.053	-0.046	0.064	0.117	331.645363	45.403260	1894.79	626.42
4	GUIDE	472525528	6.65	576	-0.204	0.010	0.084	0.136	331.551102	45.248694	2344.94	1035.75
5	GUIDE	472659832	9.46	576	0.120	0.095	0.106	0.201	332.780399	46.098139	-1722.56	-499.54
6	GUIDE	472533912	9.15	576	0.015	-0.011	0.134	0.212	331.791136	46.368695	127.53	-2391.20
7	GUIDE	472654568	9.42	575	0.009	-0.030	0.143	0.234	332.194449	45.063576	1125.74	2307.92

2.4 Star Slots

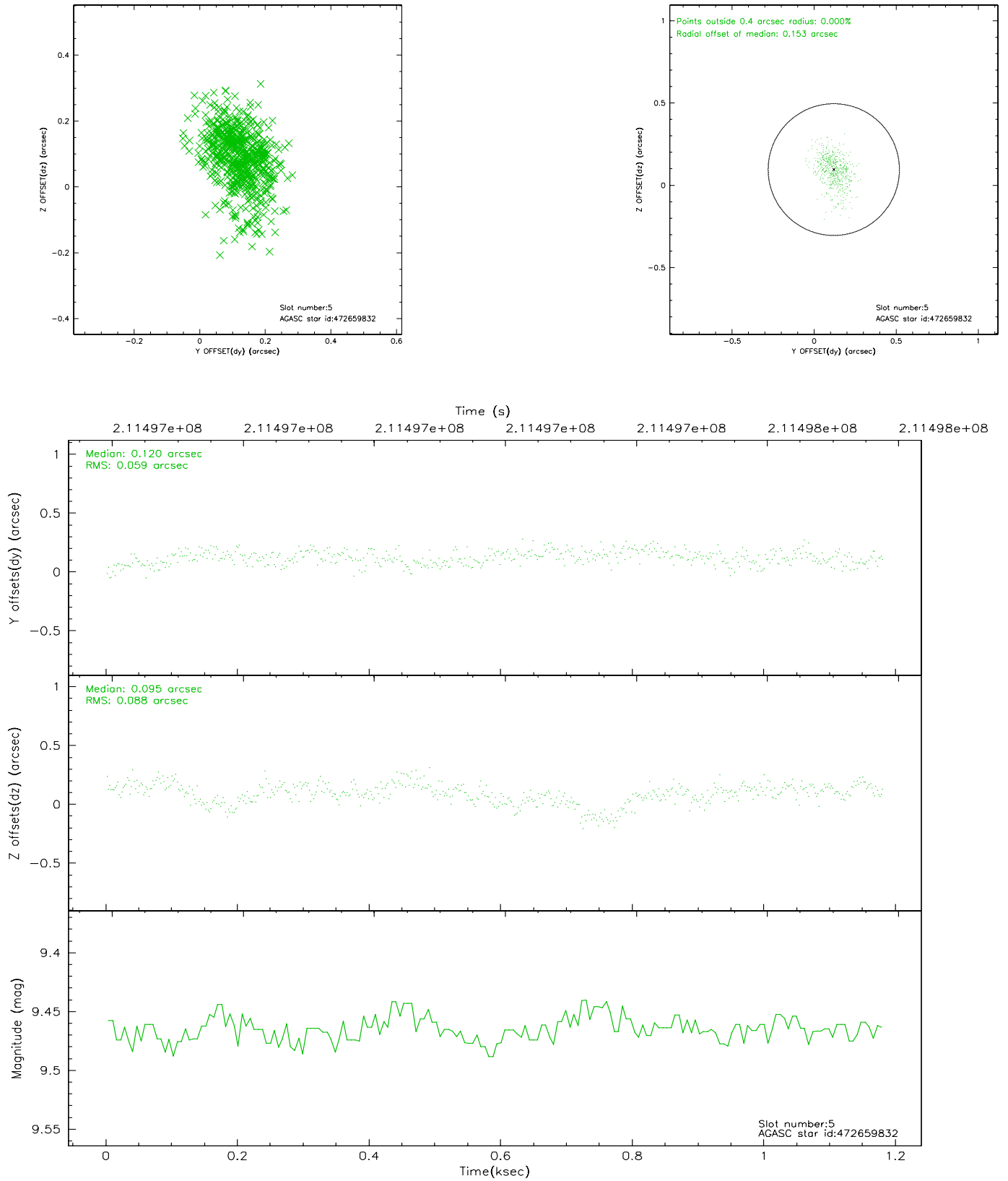
2.4.1 Slot 3



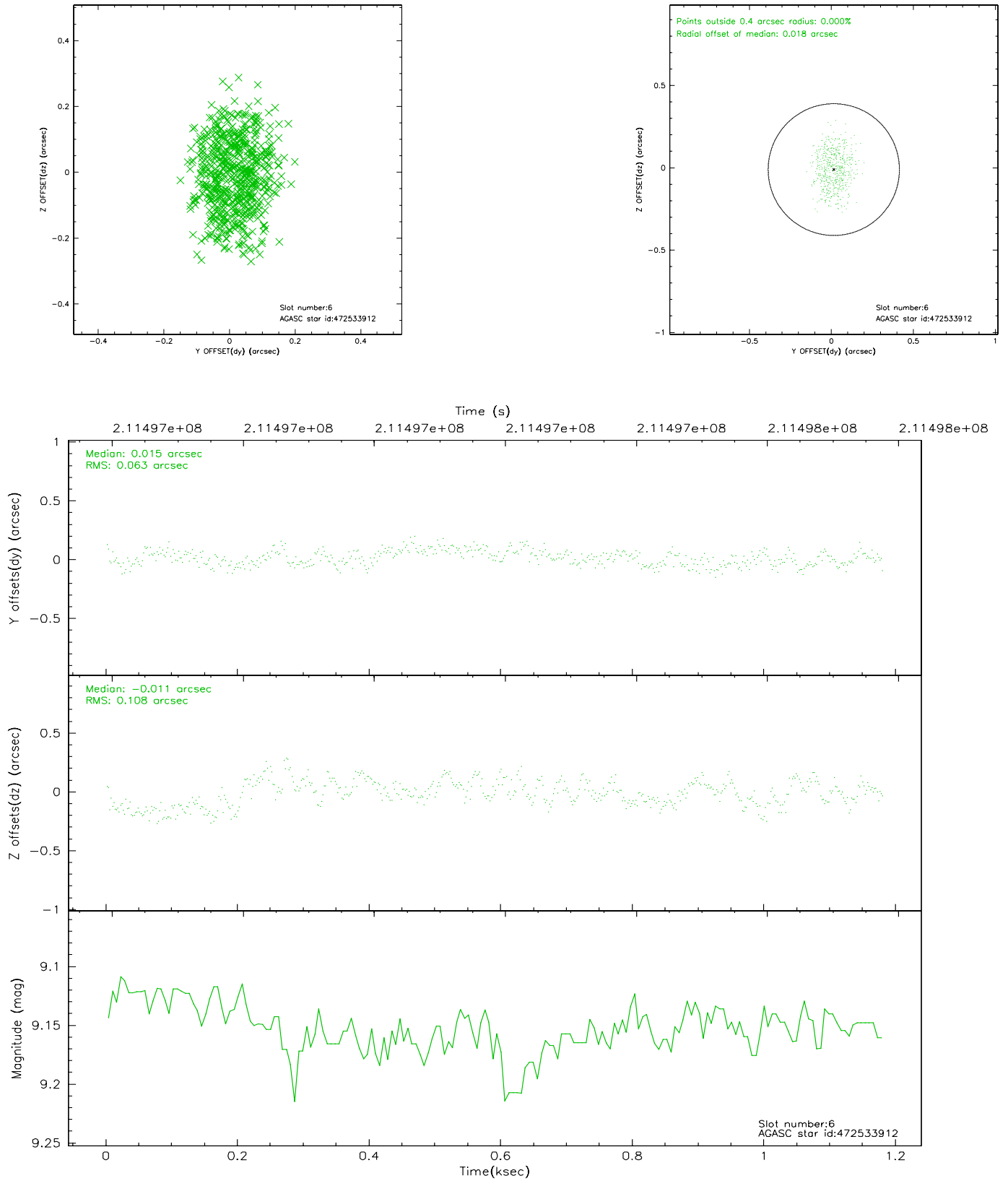
2.4.2 Slot 4



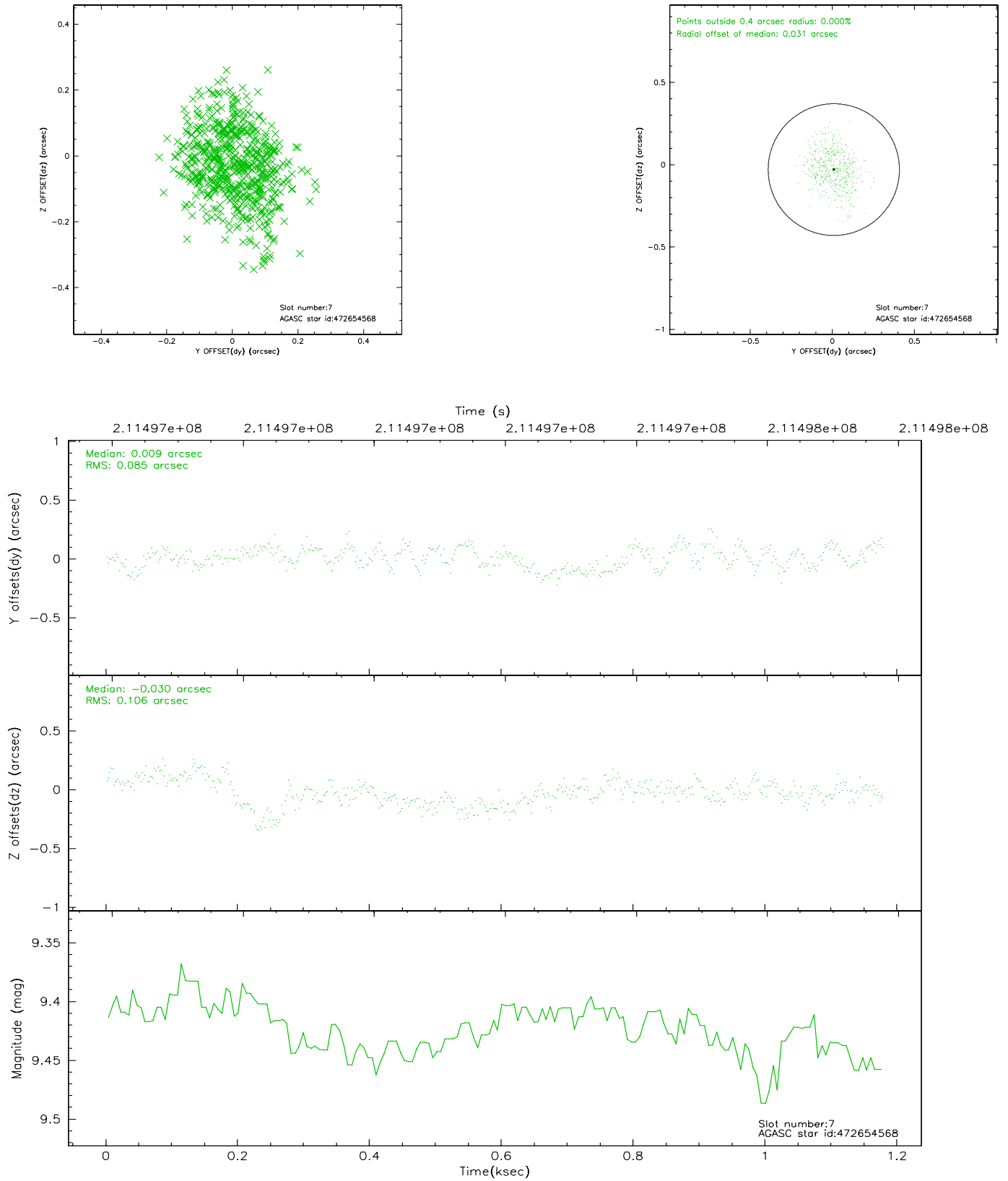
2.4.3 Slot 5



2.4.4 Slot 6

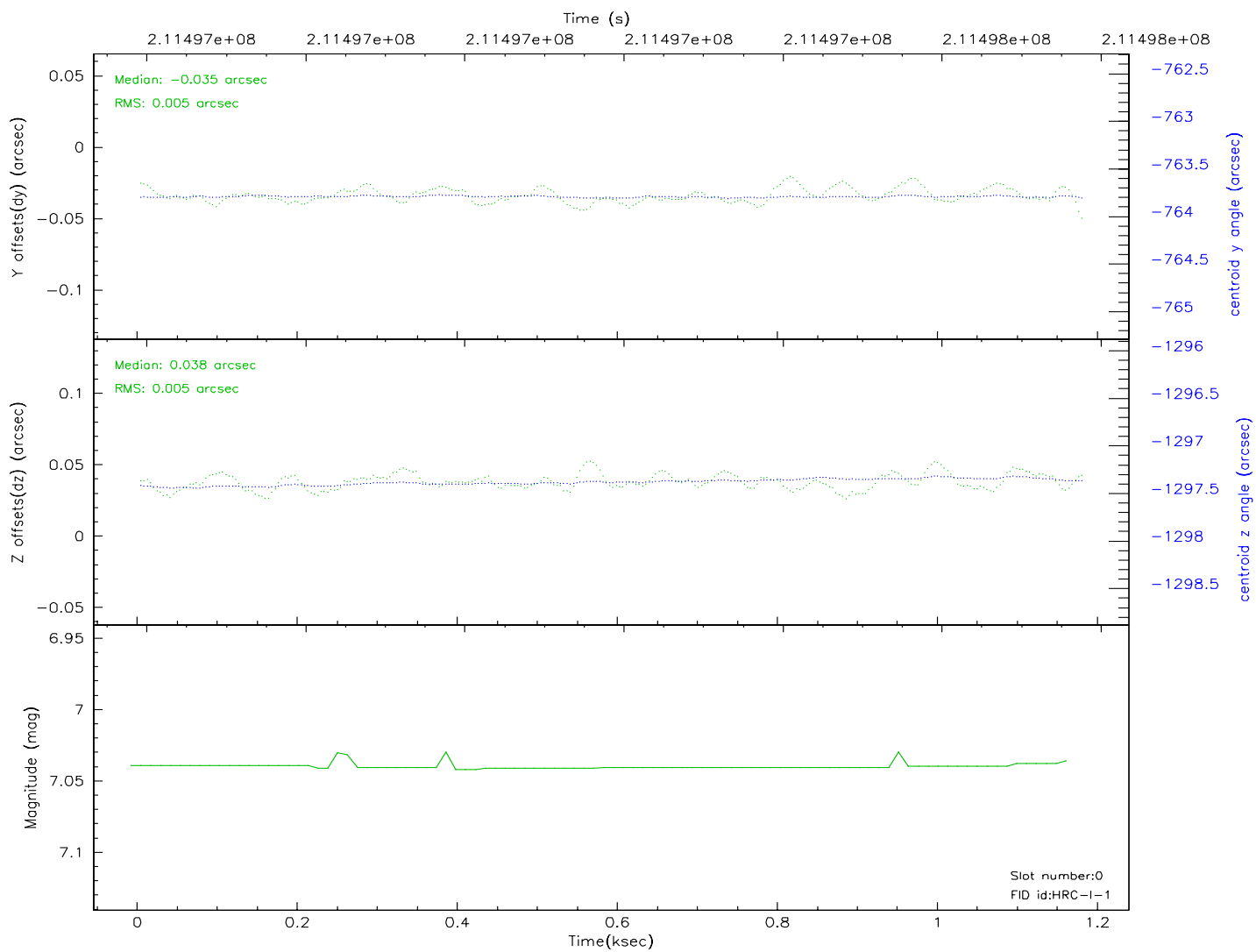
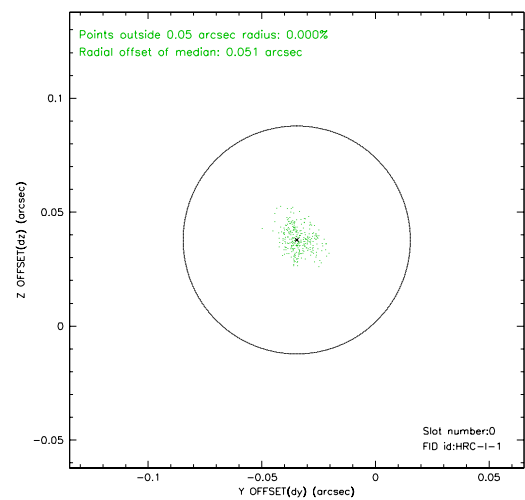
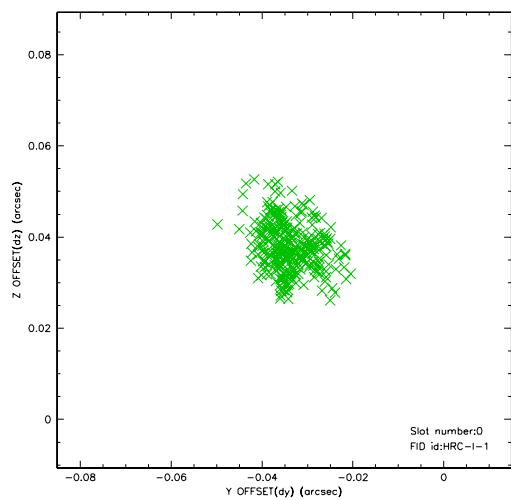


2.4.5 Slot 7

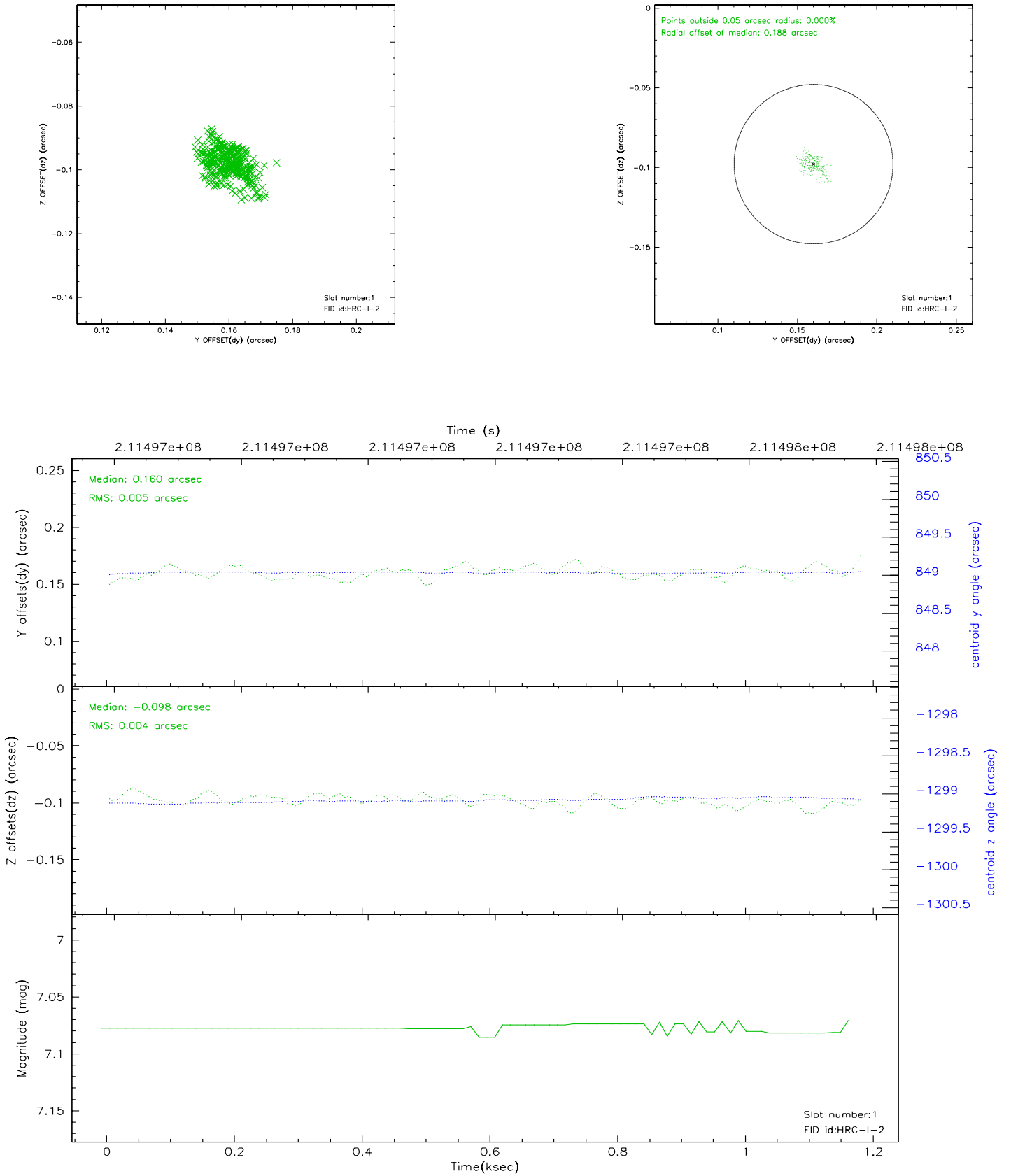


2.5 FID Slots

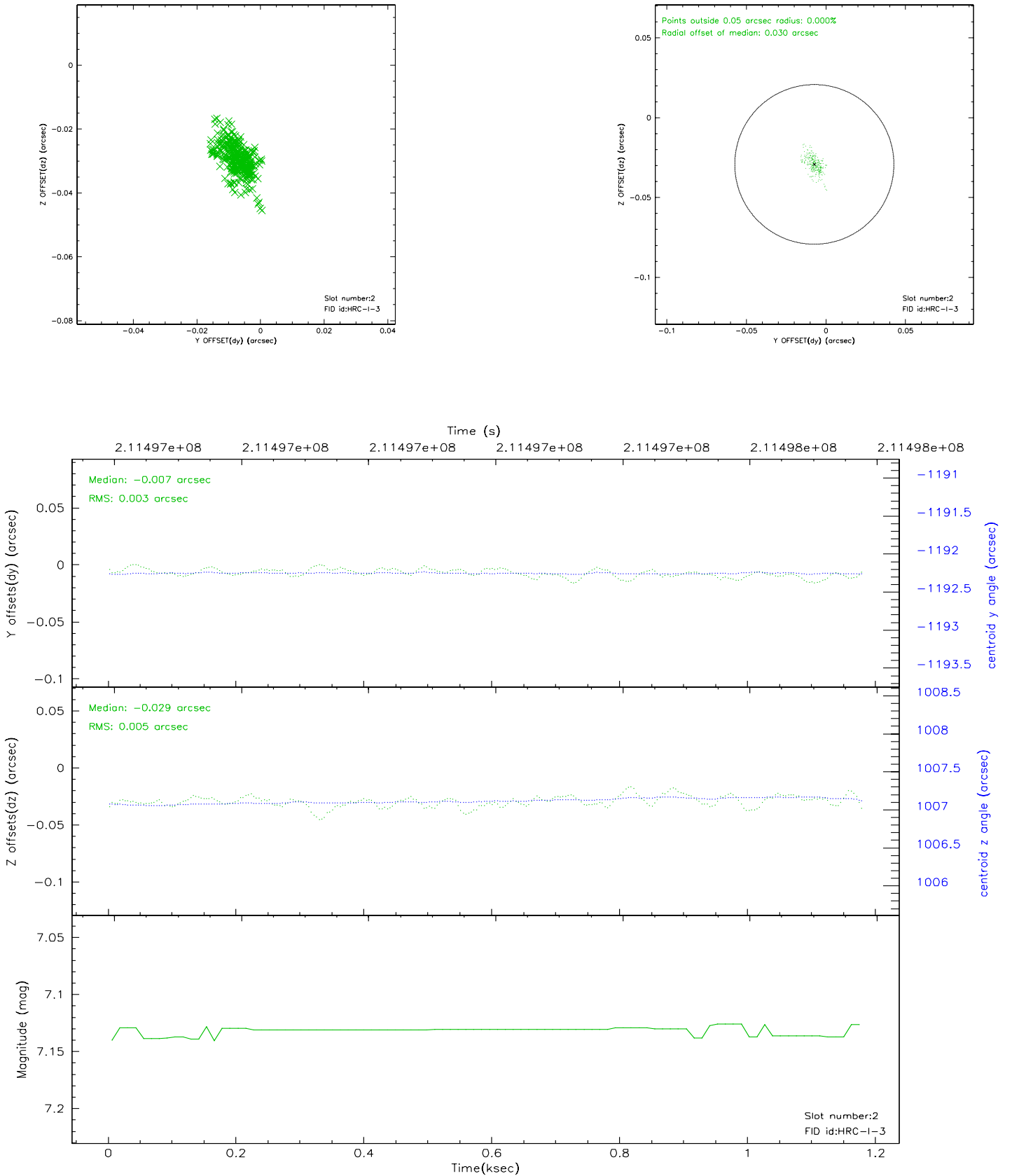
2.5.1 Slot 0



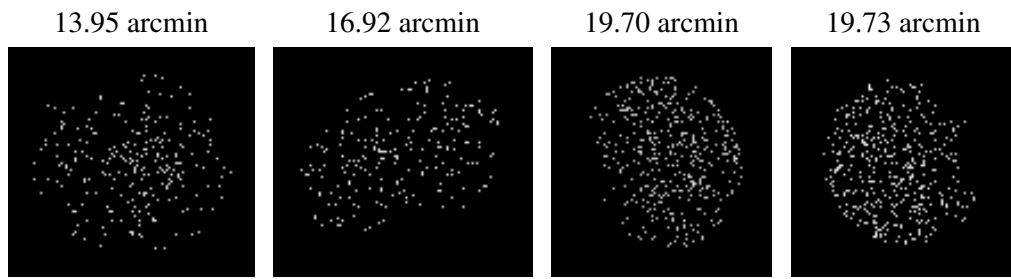
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.177

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.