

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5076 - L2 Version 3
Chandra X-Ray Center

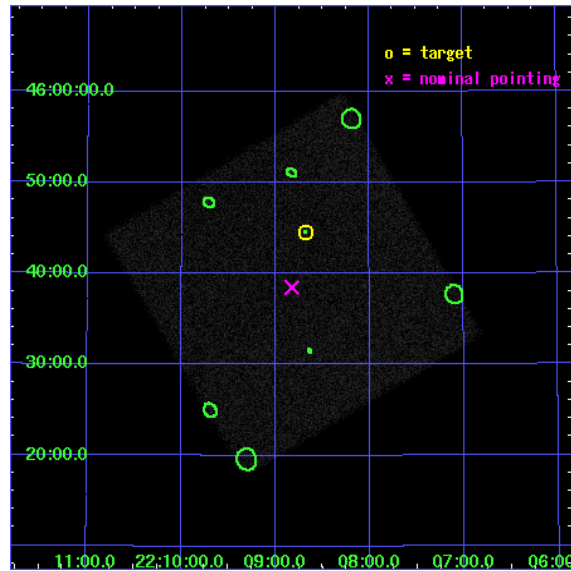
L2 Processing Date : Nov 23 2007

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1 Front

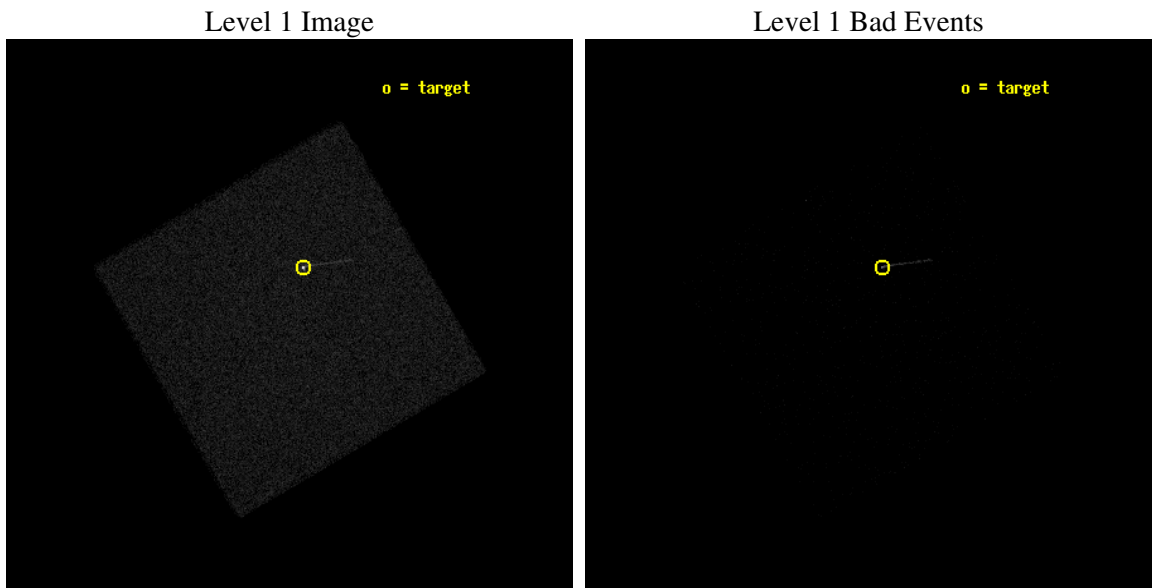
seq_num	290349
obs_id	5076
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.20637418986
dec_nom	45.641636354865
roll_nom	284.61711891928
revision	3
ontime	1083.4250486493
livetime	1063.0796639666
l2events	84709



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	2007-11-24T03:14:53
revision	3

sched_exp_time	900.000000
ontime	1083.4250486493
l1events	149584

2.1.3 Events

Level 1 Events

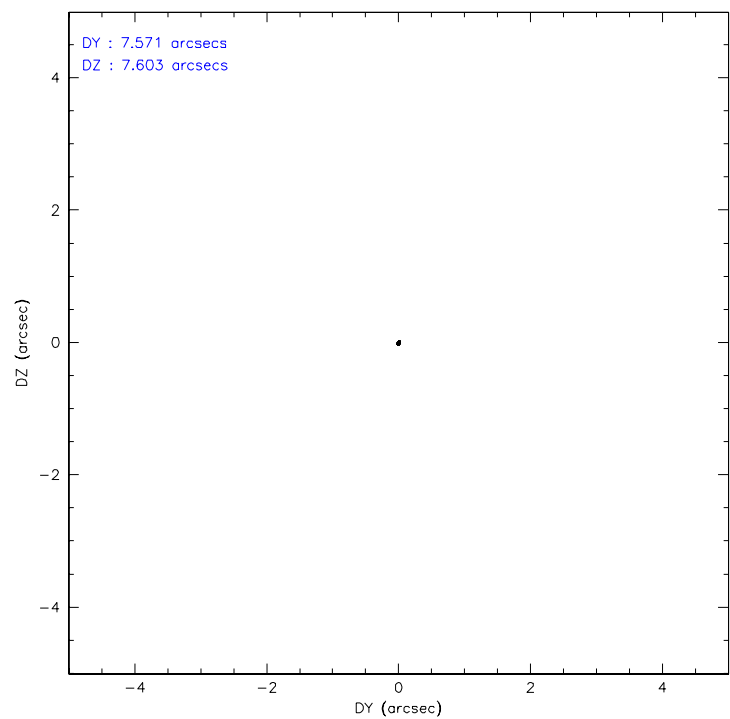
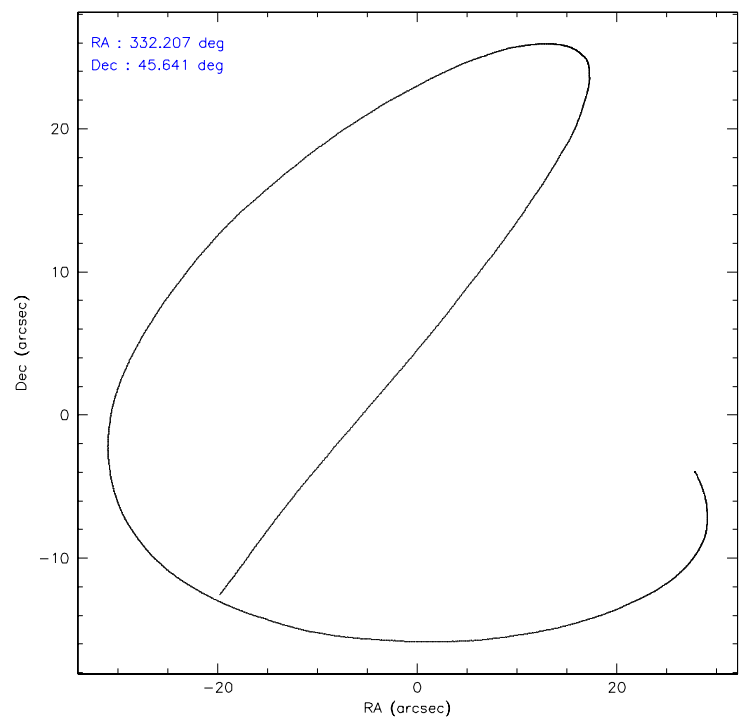
	segment 0
level 1 events	149584
rejected events	31083
rejected %	20%

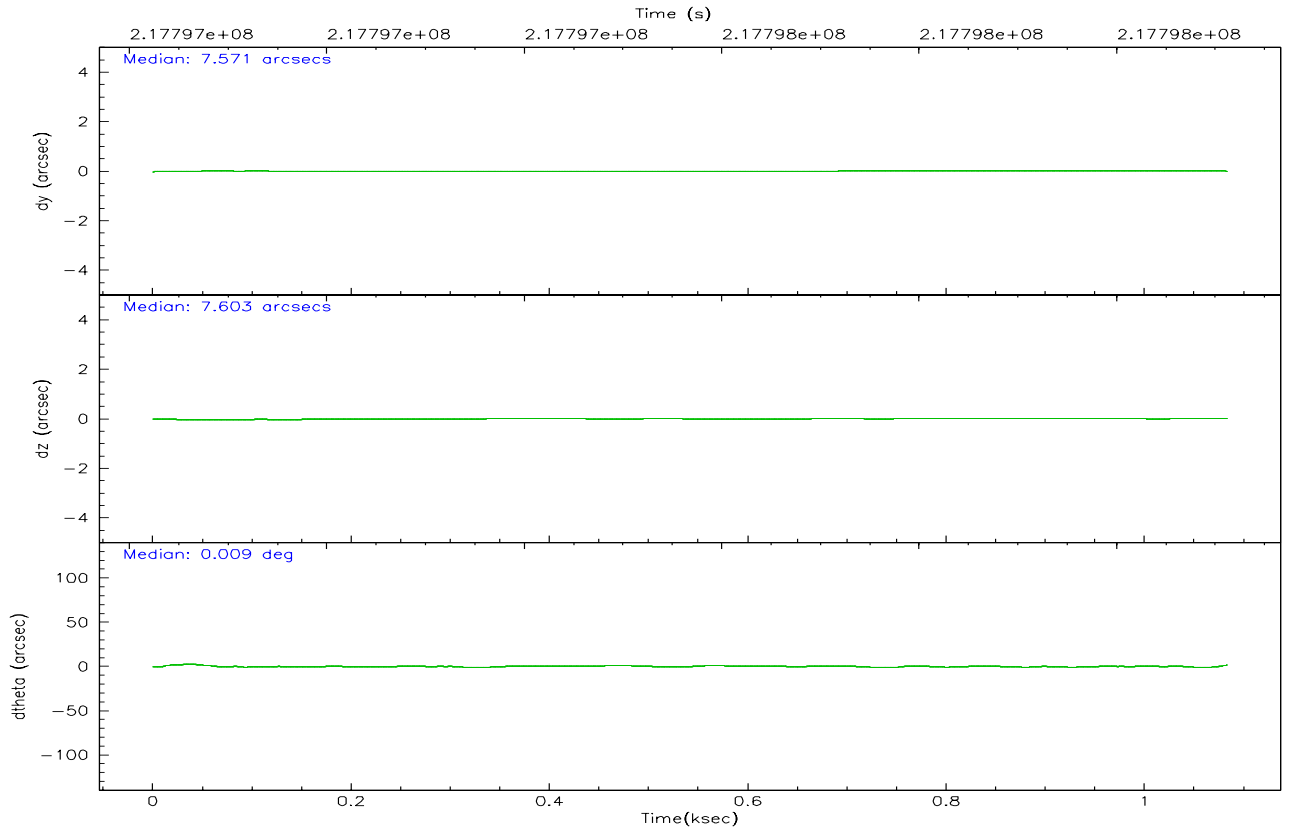
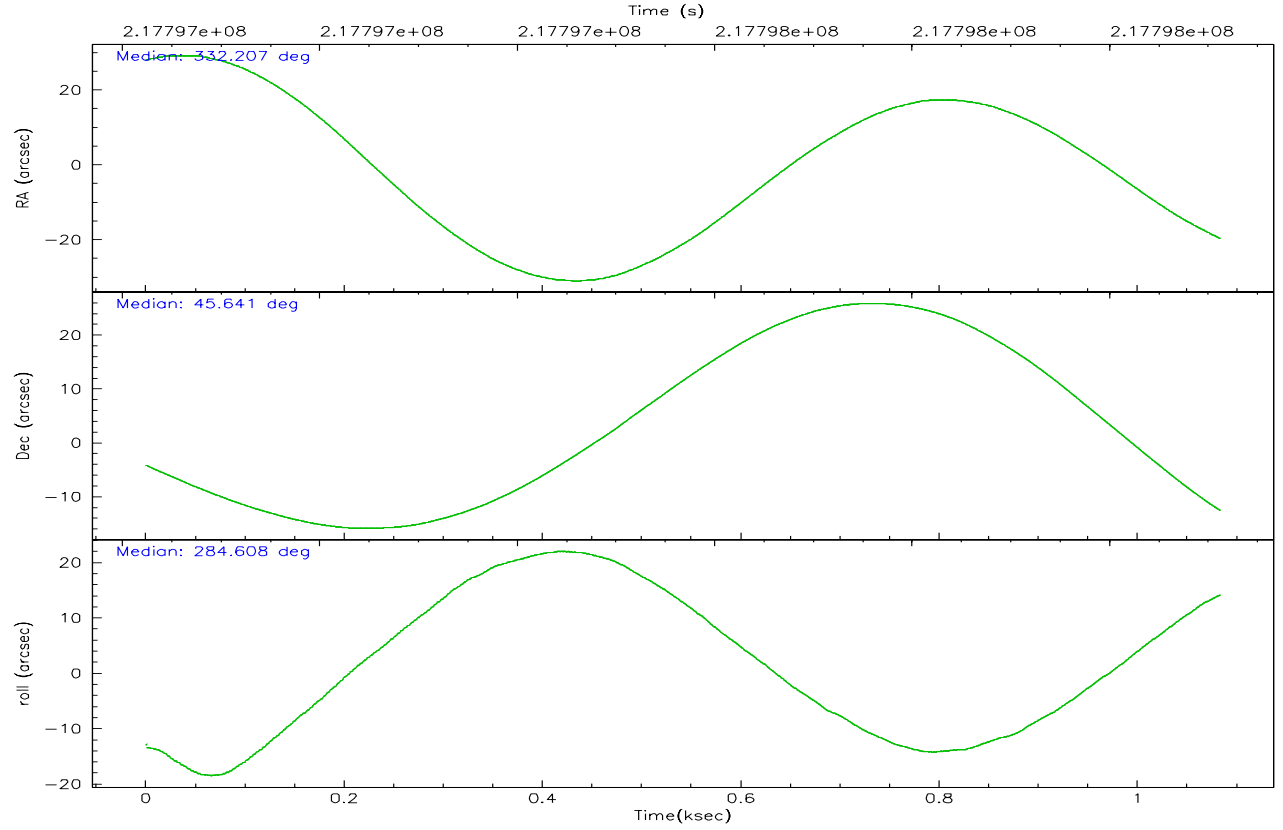
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	332.177682	332.206374189864
Pointing Dec	45.660309	45.64163635486456
Pointing Roll	284.733096	284.6171189192784
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	217797207.184000	217796831.03372
Observation start date	2004-11-25T19:12:23	2004-11-25T19:07:11
Observation end time	217798107.184000	217798241.43378
Observation end date	2004-11-25T19:27:23	2004-11-25T19:30:41

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



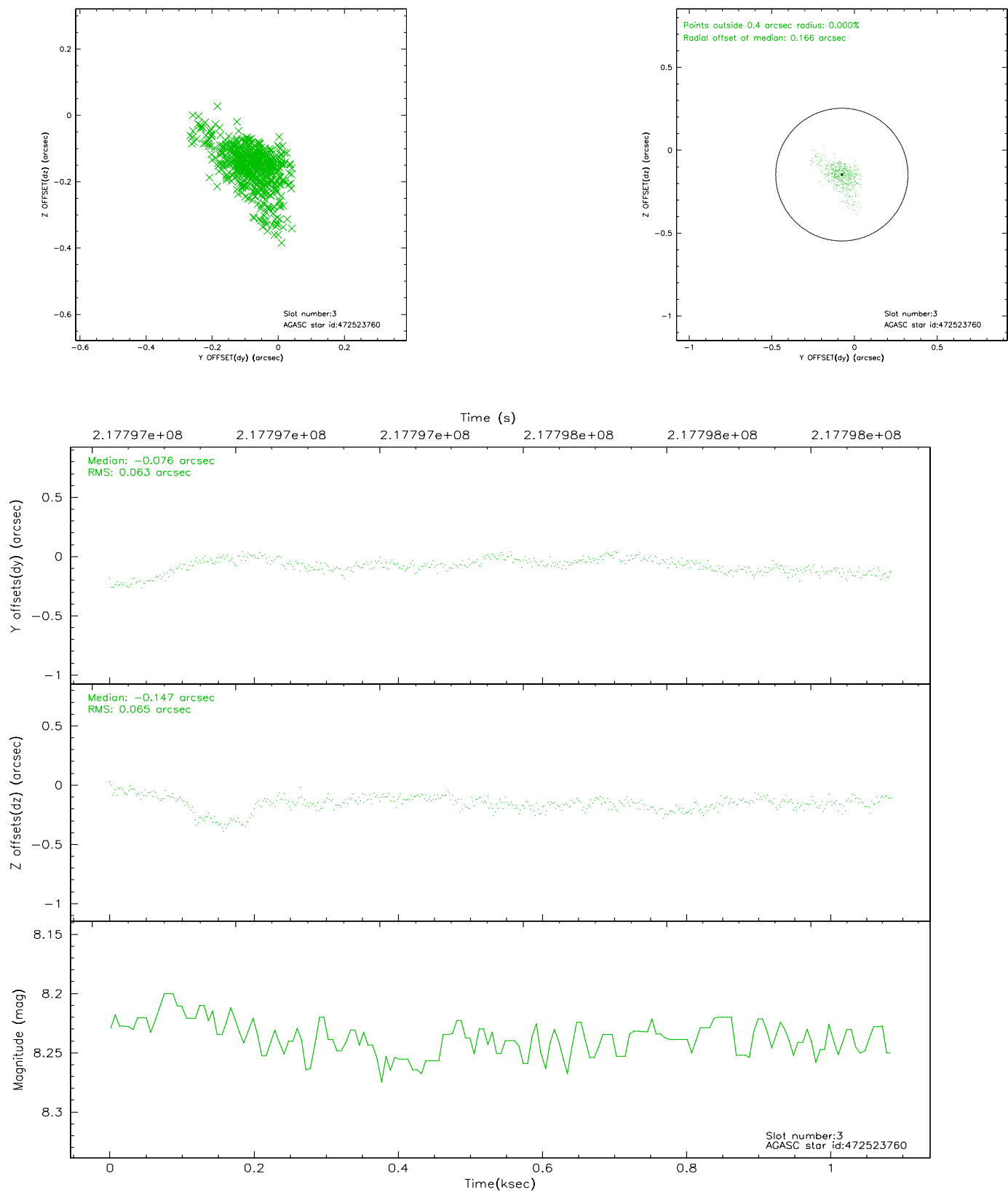


Slot Statistics

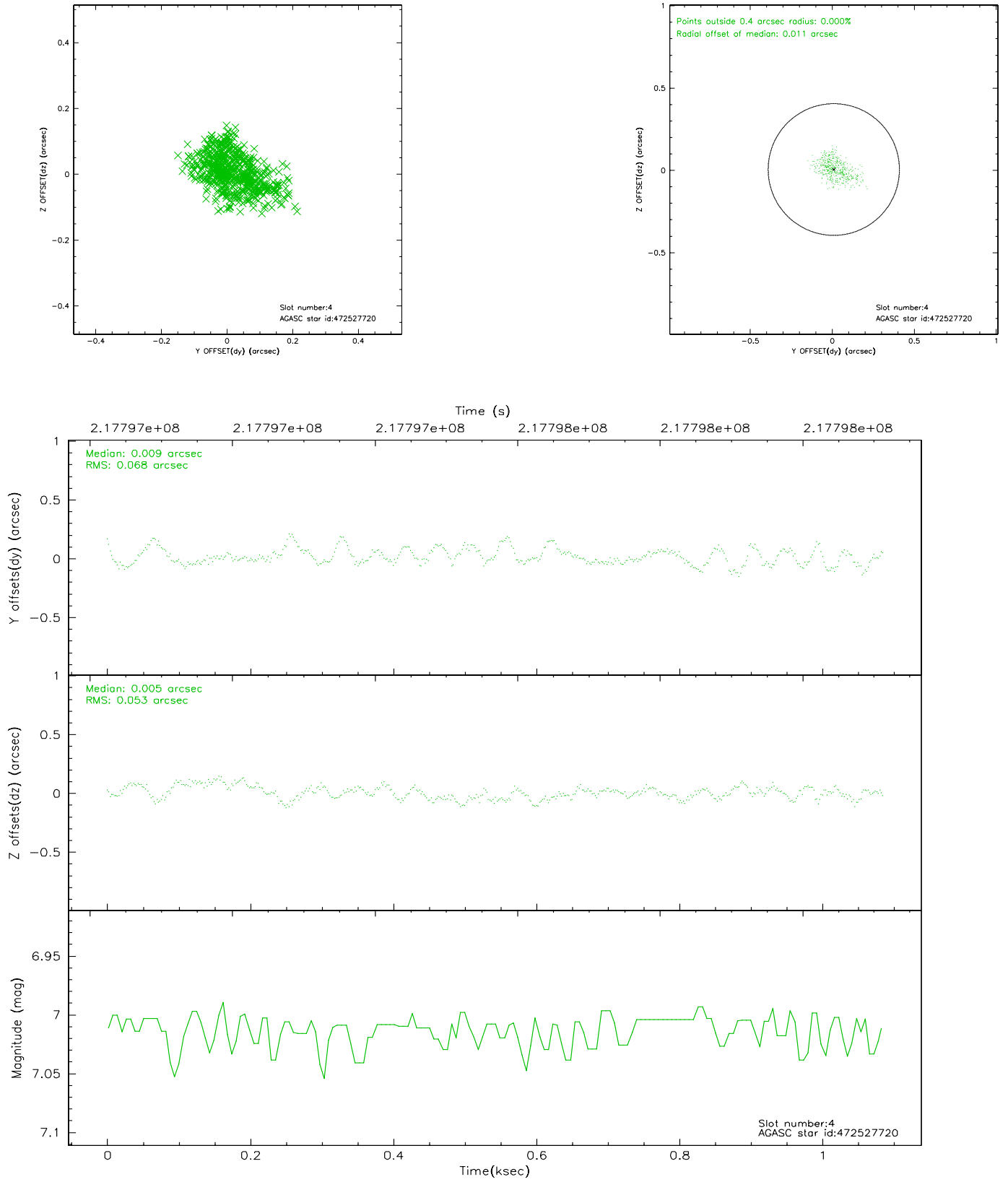
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	265	0.002	0.035	0.006	0.011	0.000000	0.000000	-763.19	-1295.47
1	FID	HRC-I-2	7.05	265	0.143	-0.118	0.006	0.010	0.000000	0.000000	846.71	-1302.10
2	FID	HRC-I-3	7.10	265	-0.026	-0.007	0.006	0.010	0.000000	0.000000	-1188.48	1004.14
3	GUIDE	472523760	8.24	530	-0.076	-0.147	0.087	0.187	331.645363	45.403260	549.04	-1537.64
4	GUIDE	472527720	7.01	530	0.009	0.005	0.092	0.150	331.460205	45.112509	1437.67	-2267.12
5	GUIDE	472654568	9.43	529	0.160	0.019	0.132	0.232	332.194449	45.063576	2091.84	-511.15
6	GUIDE	472655152	9.43	530	-0.002	0.083	0.097	0.183	332.504239	45.862991	-494.81	974.74
7	GUIDE	472659832	9.46	529	-0.086	0.061	0.120	0.204	332.780399	46.098139	-1148.10	1857.07

2.4 Star Slots

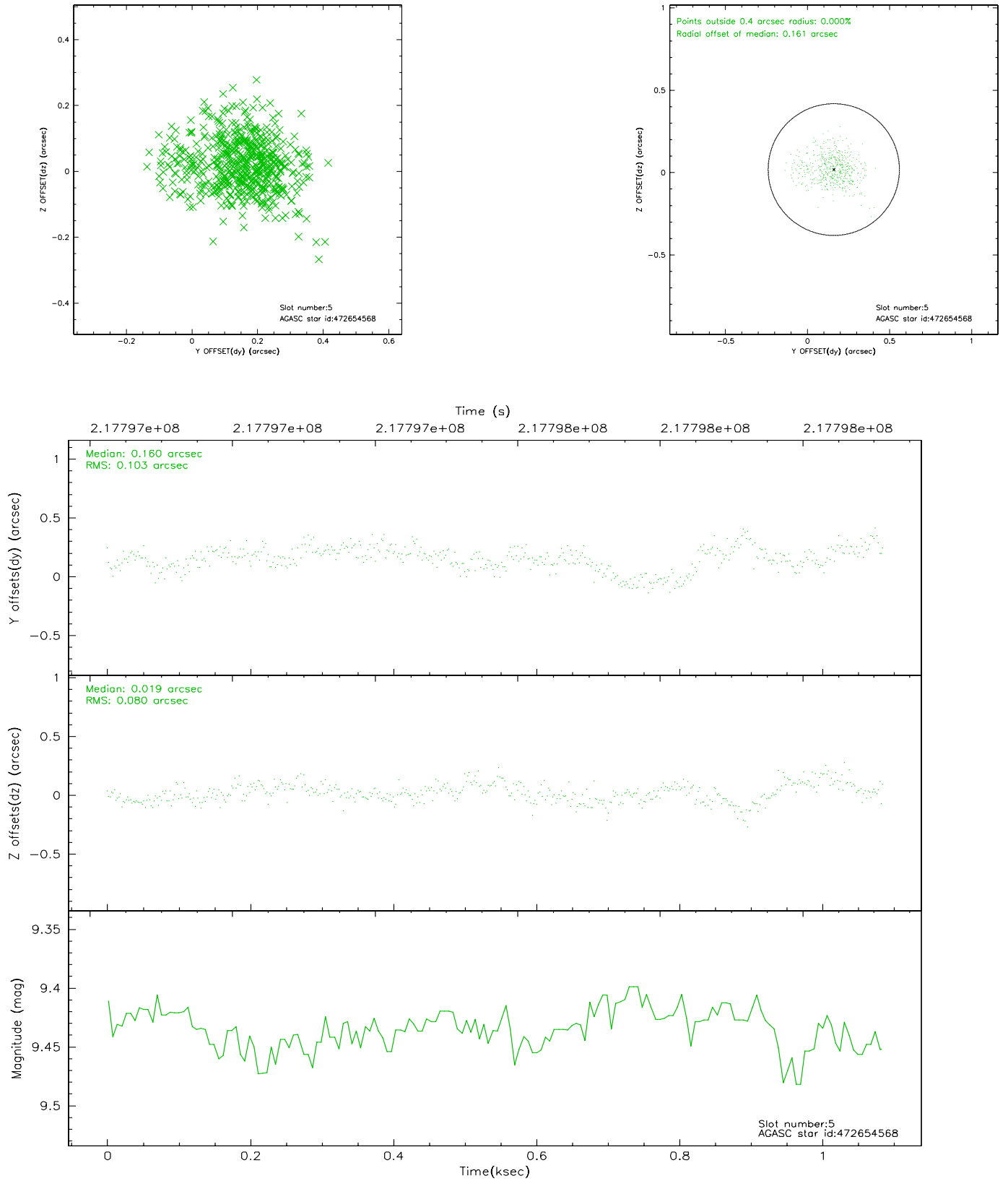
2.4.1 Slot 3



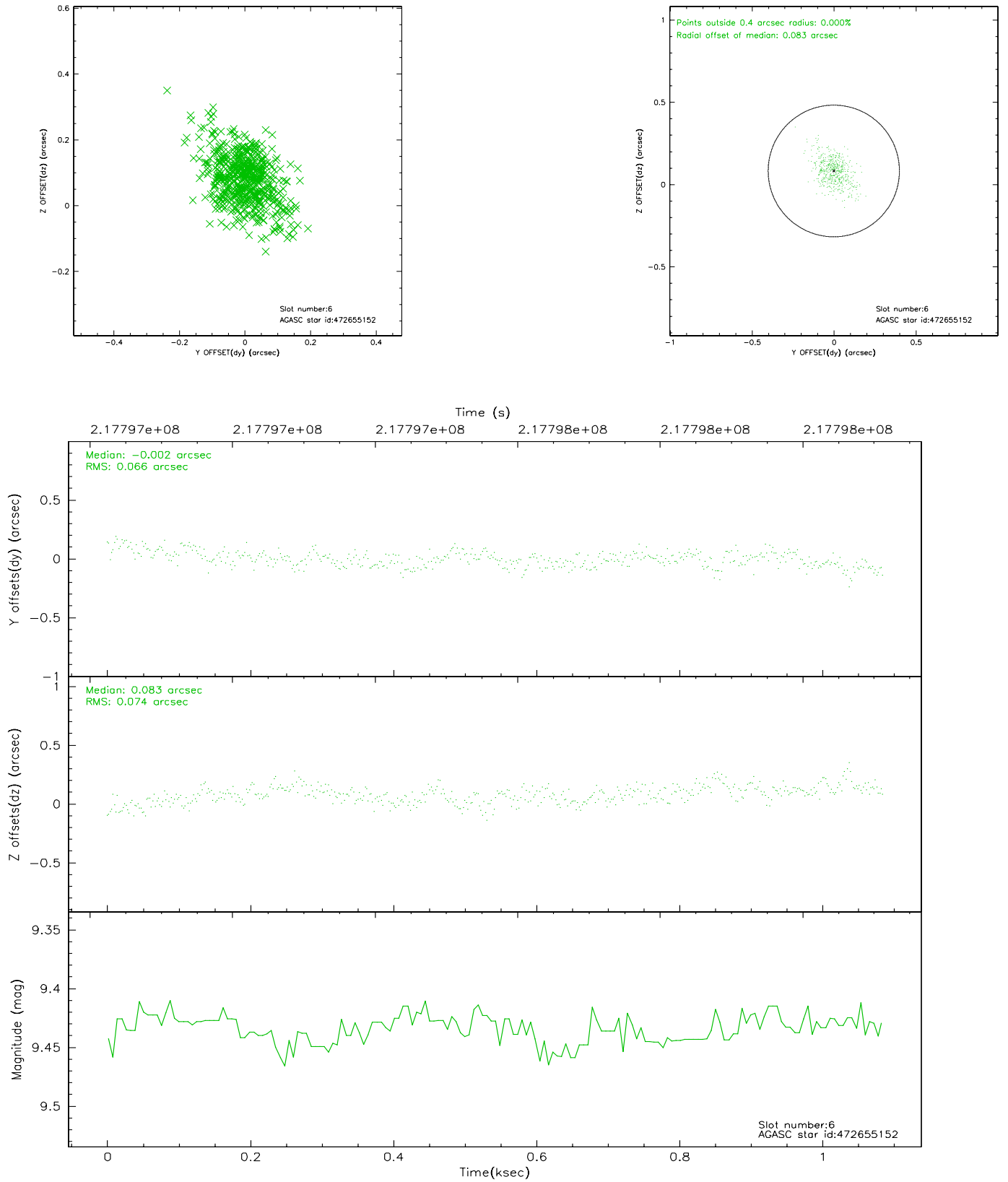
2.4.2 Slot 4



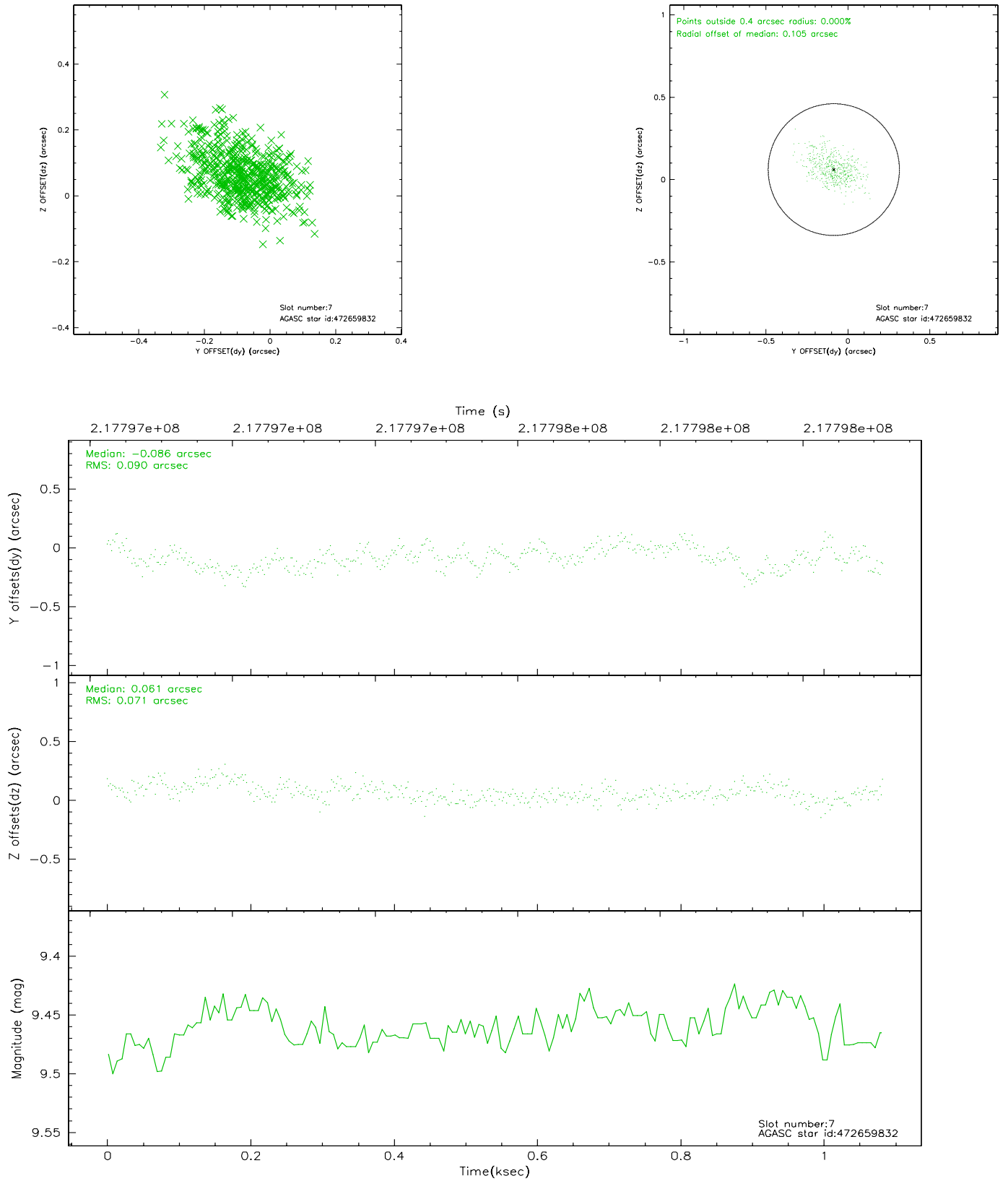
2.4.3 Slot 5



2.4.4 Slot 6

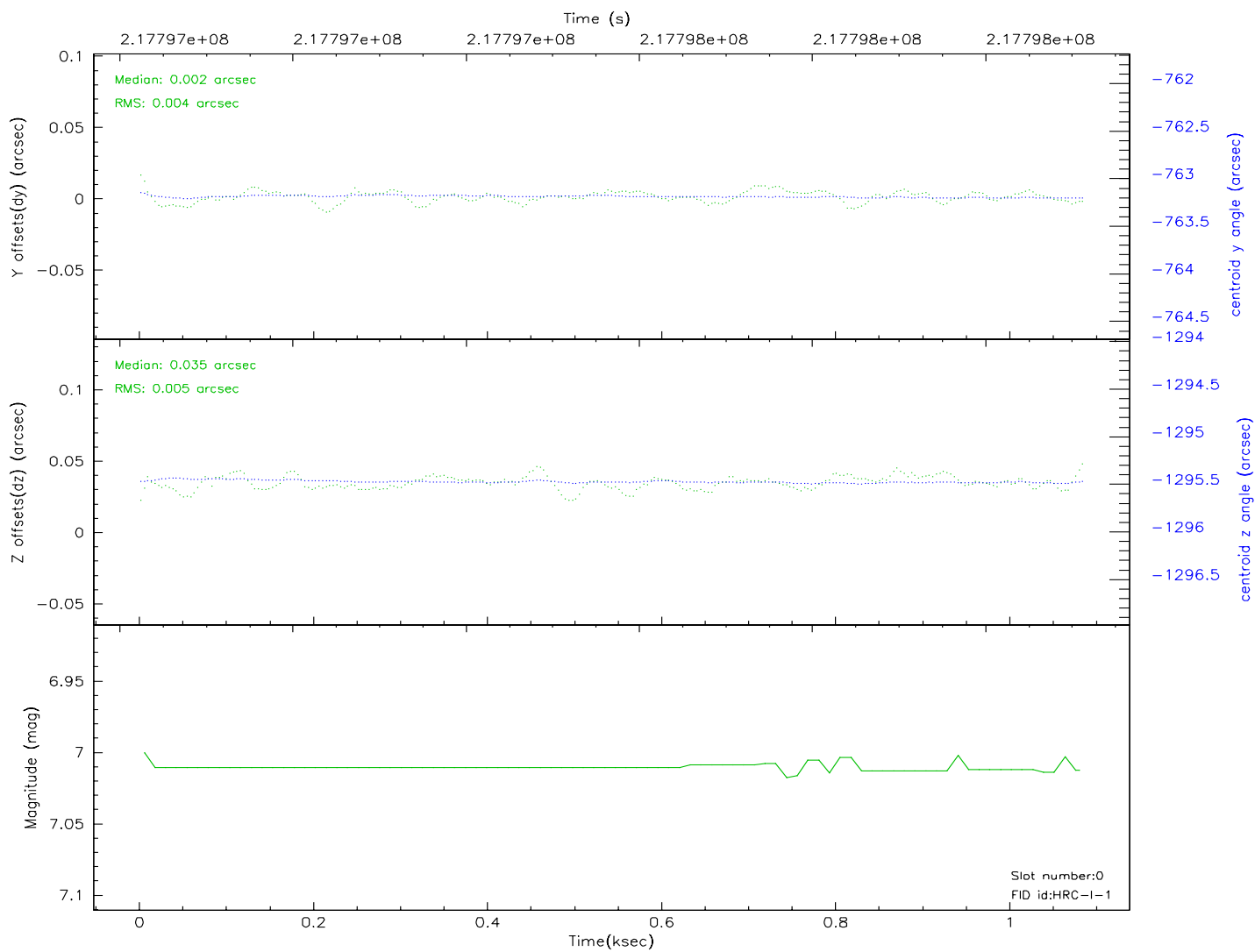
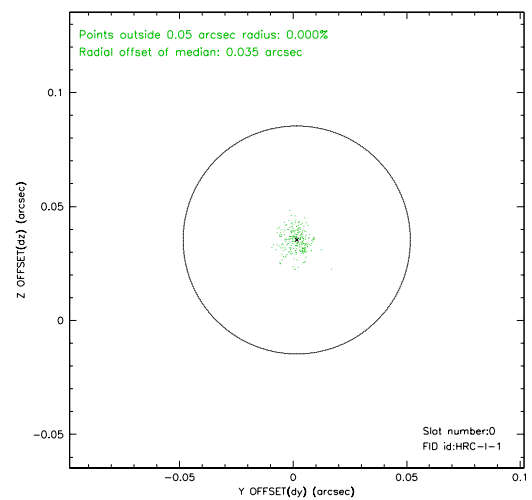
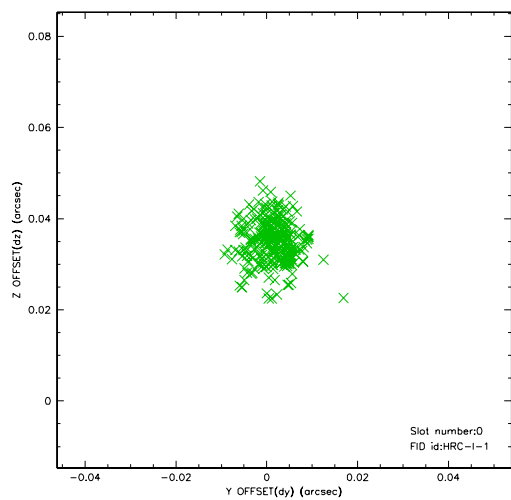


2.4.5 Slot 7

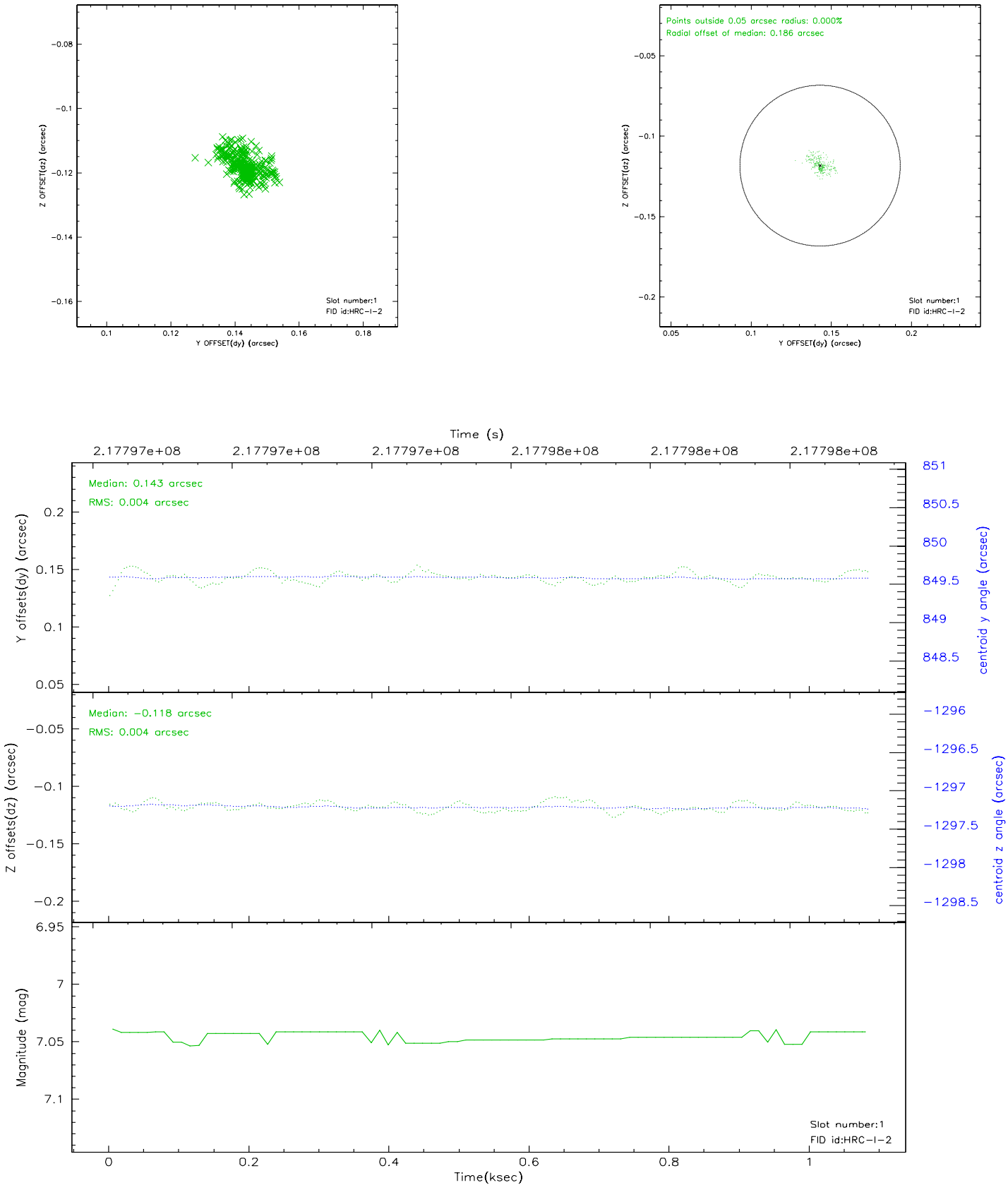


2.5 FID Slots

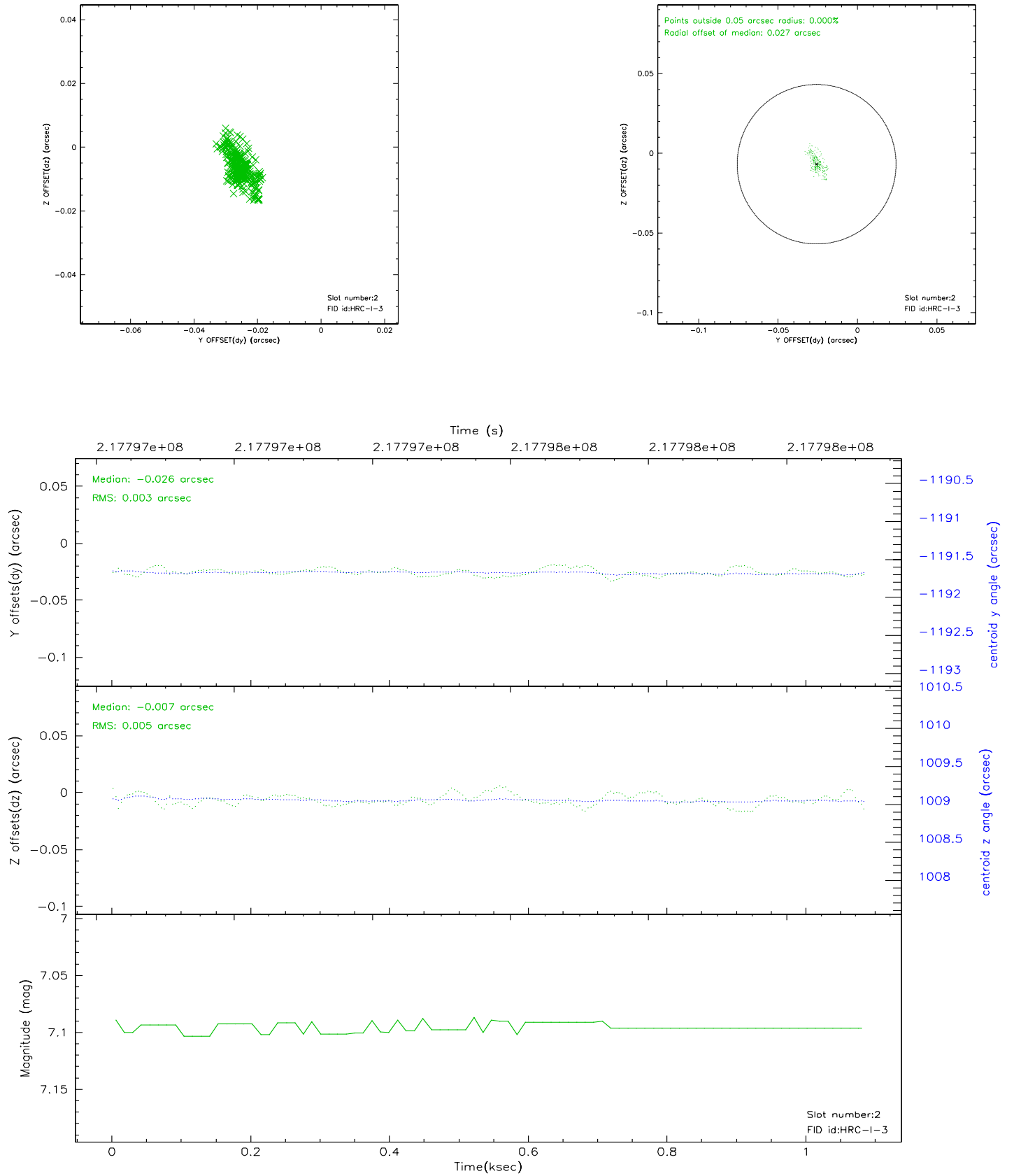
2.5.1 Slot 0



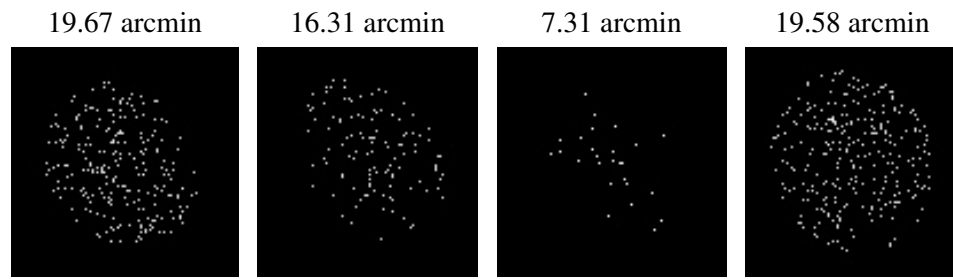
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.083425

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.