

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 2519 - L2 Version 3
Chandra X-Ray Center

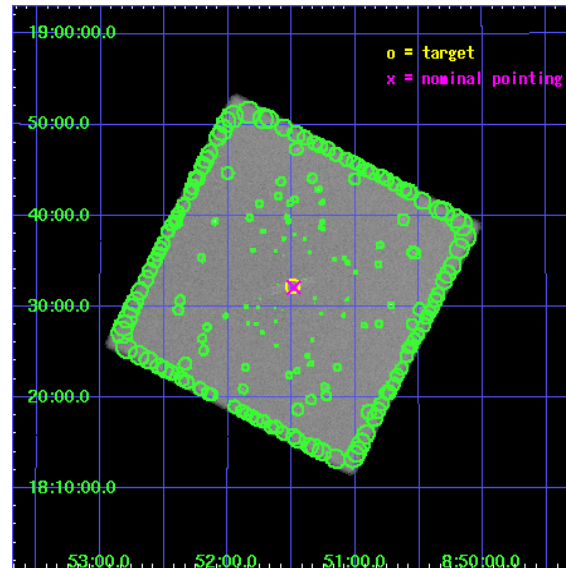
L2 Processing Date : Nov 22 2007

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1 Front

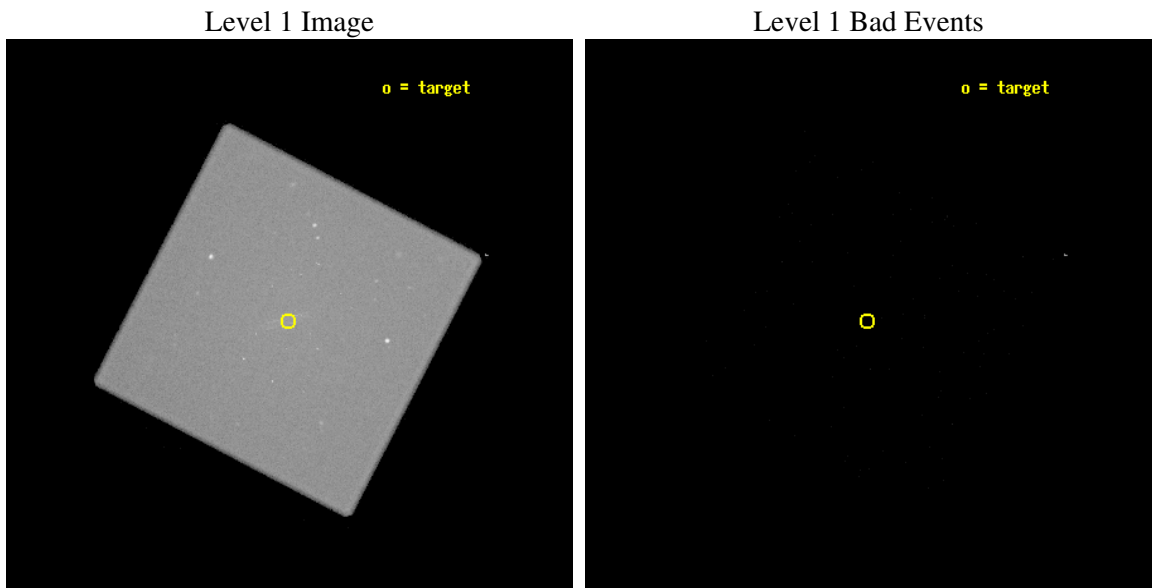
seq_num	100029
obs_id	2519
title	X-RAY OBSERVATIONS OF JUPITER
observer	DR. J WAITE
object	JUPITER
ra_targ	132.87339
dec_targ	18.53853
ra_nom	132.87055174172
dec_nom	18.535346785934
roll_nom	252.42774575719
revision	3
ontime	71087.852988511
livetime	70701.645579698
l2events	2056157



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	2007-11-22T04:49:52
revision	3

sched_exp_time	71107.000000
ontime	71087.852988511
l1events	3041919

2.1.3 Events

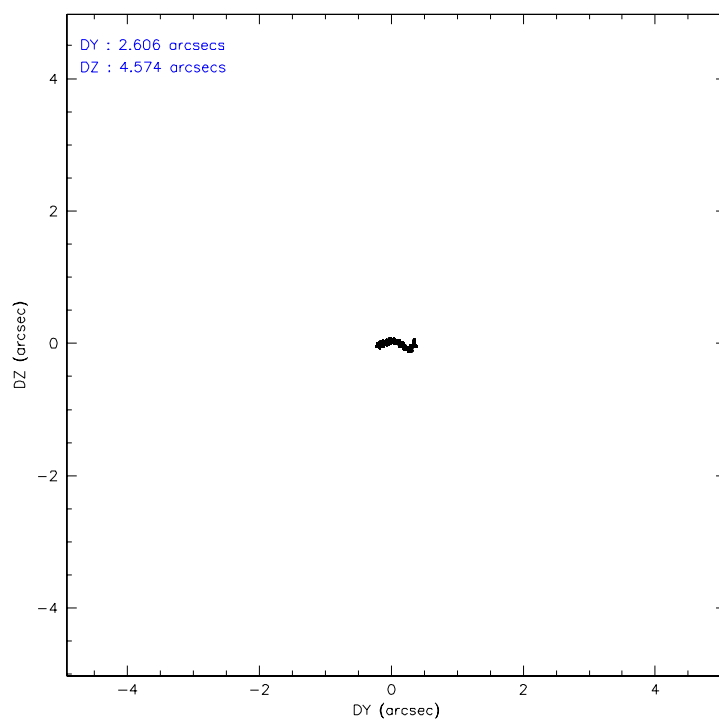
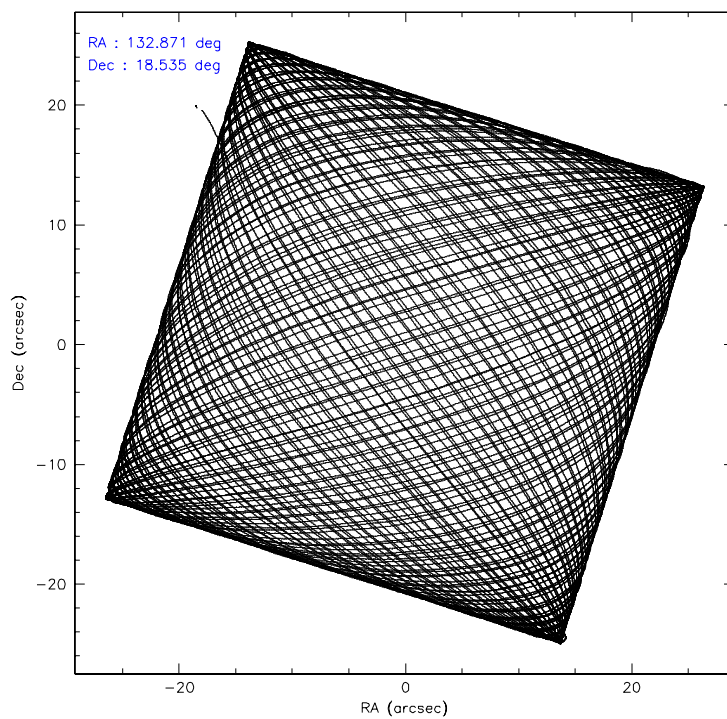
Level 1 Events

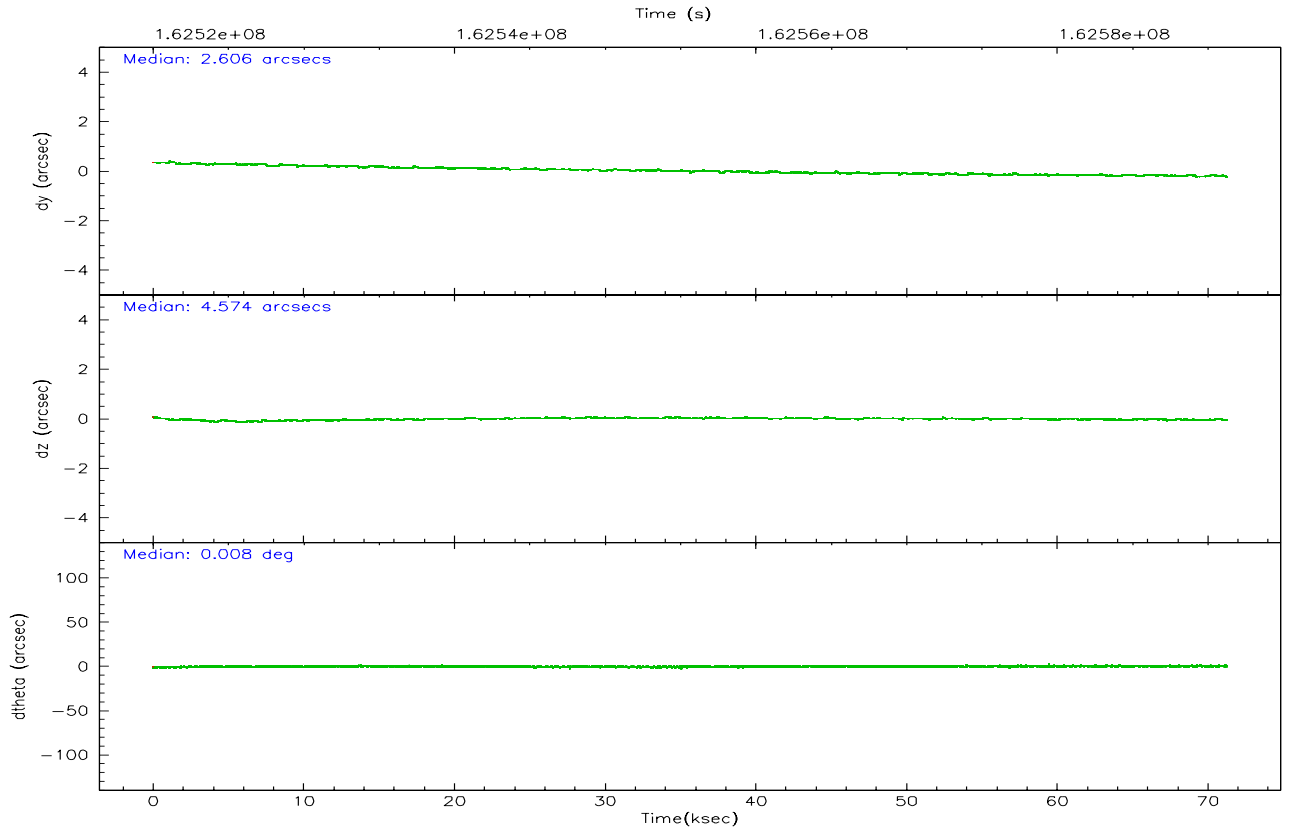
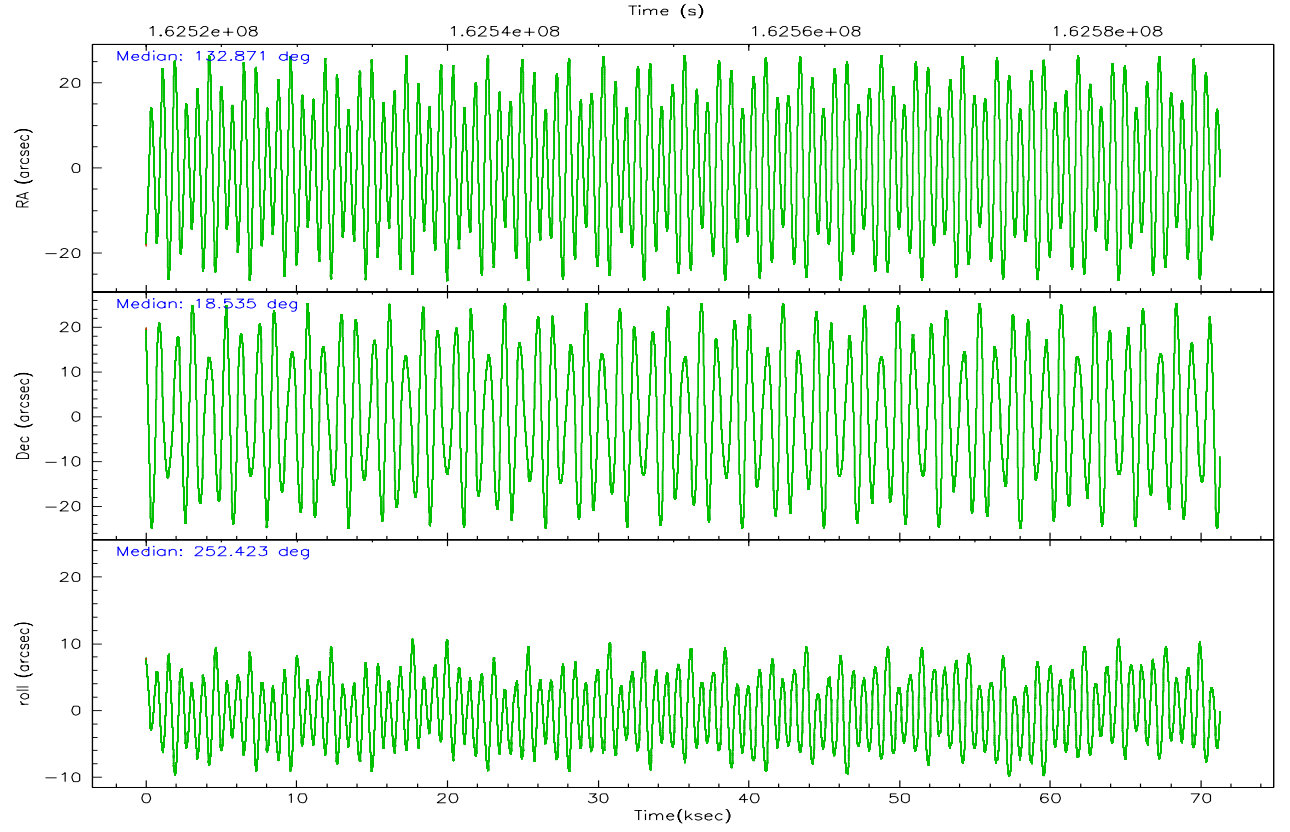
	segment 0
level 1 events	3041919
rejected events	3383
rejected %	0%

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	132.863748	132.8705517417188			
Pointing Dec	18.561678	18.53534678593413			
Pointing Roll	252.525398	252.4277457571874			
Window start time	162495364.184000	162495364.184000			
Window stop time	162651844.184000	162651844.184000			
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	162520155.184000	162519744.56657			
Observation start date	2003-02-25T00:28:11	2003-02-25T00:22:24			
Observation end time	162591262.184000	162591476.11958			
Observation end date	2003-02-25T20:13:18	2003-02-25T20:17:56			

2.3 Aspect



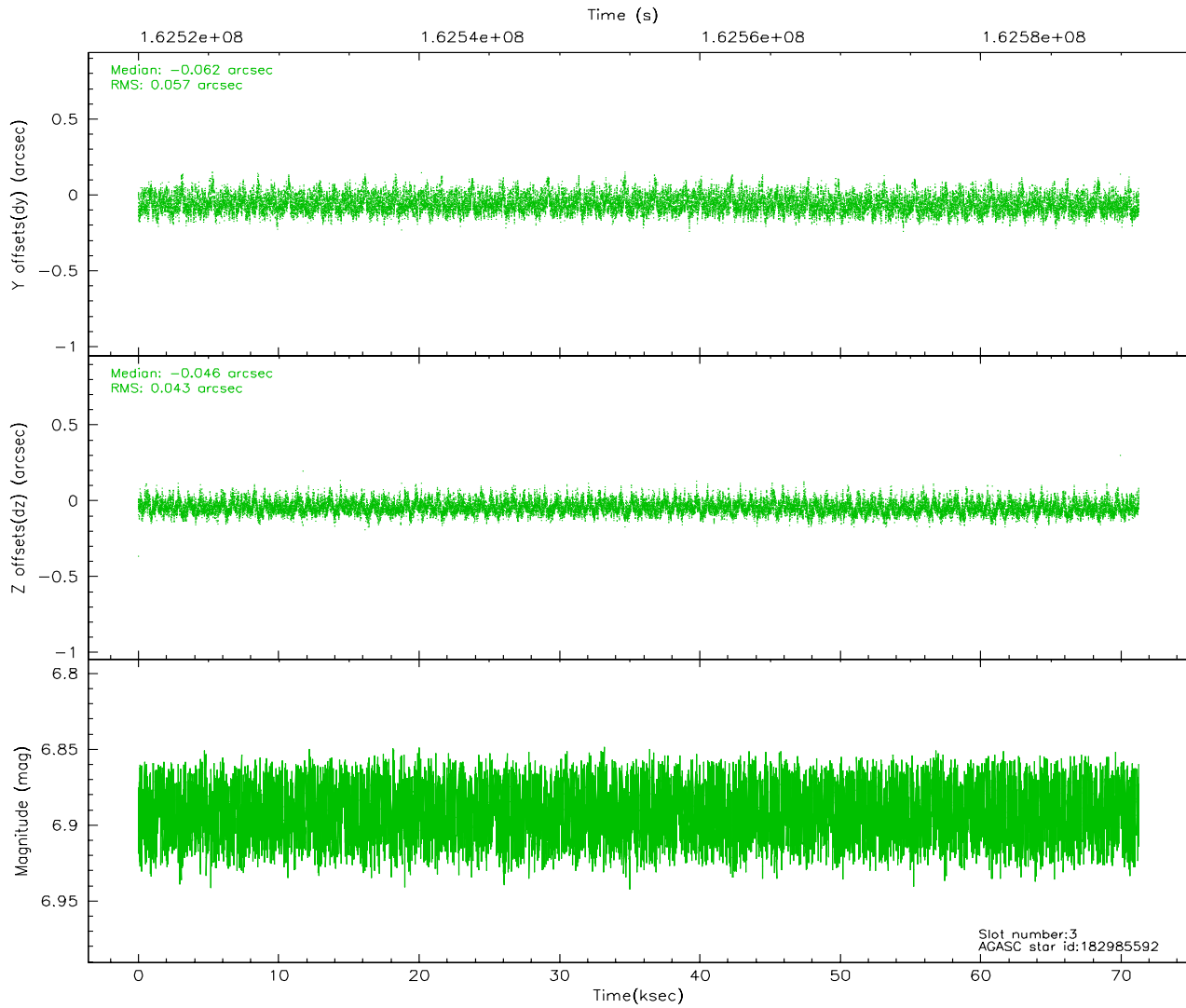
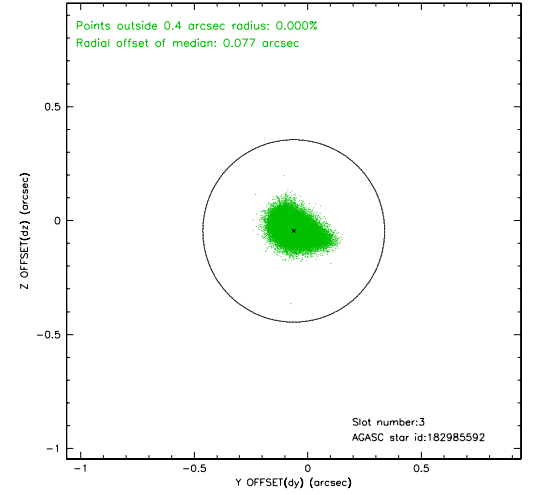
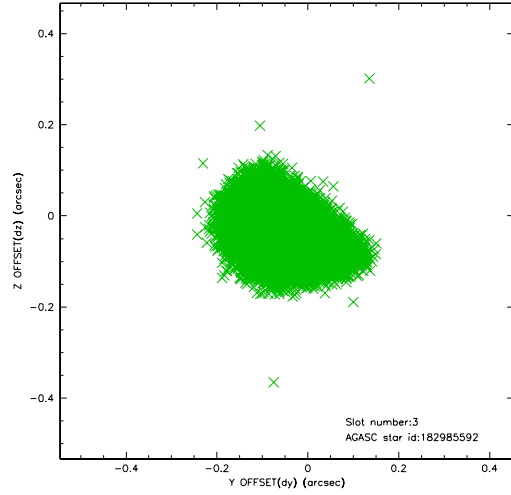


Slot Statistics

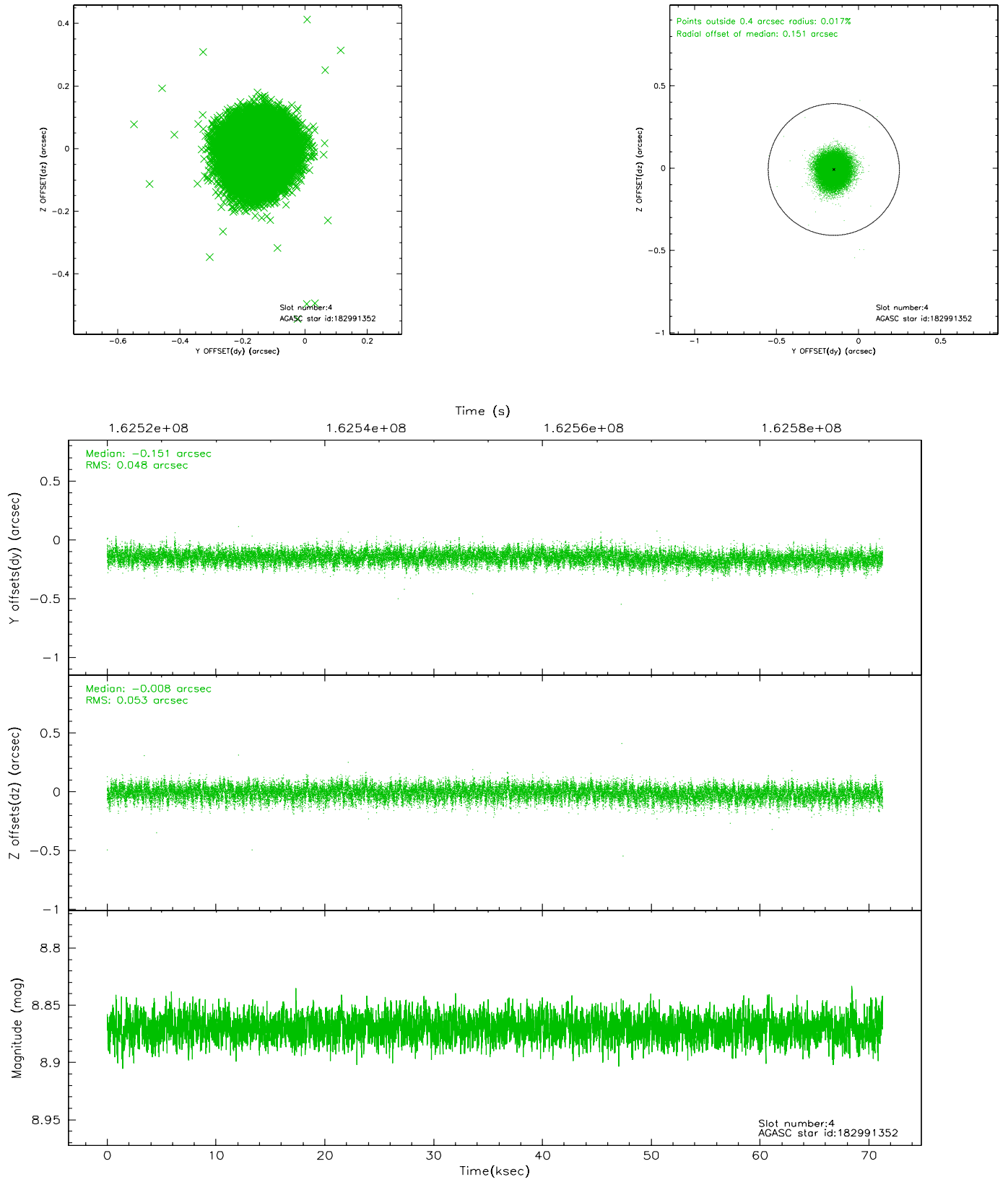
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	17383	0.009	0.013	0.009	0.015	0.000000	0.000000	-758.08	-1292.33
1	FID	HRC-I-2	7.03	17384	0.082	-0.052	0.011	0.018	0.000000	0.000000	854.58	-1294.03
2	FID	HRC-I-3	7.08	17383	0.028	-0.050	0.011	0.018	0.000000	0.000000	-1186.51	1012.09
3	GUIDE	182985592	6.89	34770	-0.062	-0.046	0.076	0.125	132.688010	18.832182	-749.07	-863.71
4	GUIDE	182991352	8.87	34765	-0.151	-0.008	0.076	0.123	132.561076	19.276214	-2145.42	-1754.11
5	GUIDE	182992528	9.49	34620	0.180	0.021	0.096	0.164	132.603309	18.193633	1530.96	-451.80
6	GUIDE	182989392	9.27	34751	0.061	0.047	0.096	0.158	132.825117	17.883707	2368.03	606.97
7	GUIDE	183112280	7.88	34764	-0.035	-0.019	0.085	0.124	133.483665	18.233589	486.80	2375.67

2.4 Star Slots

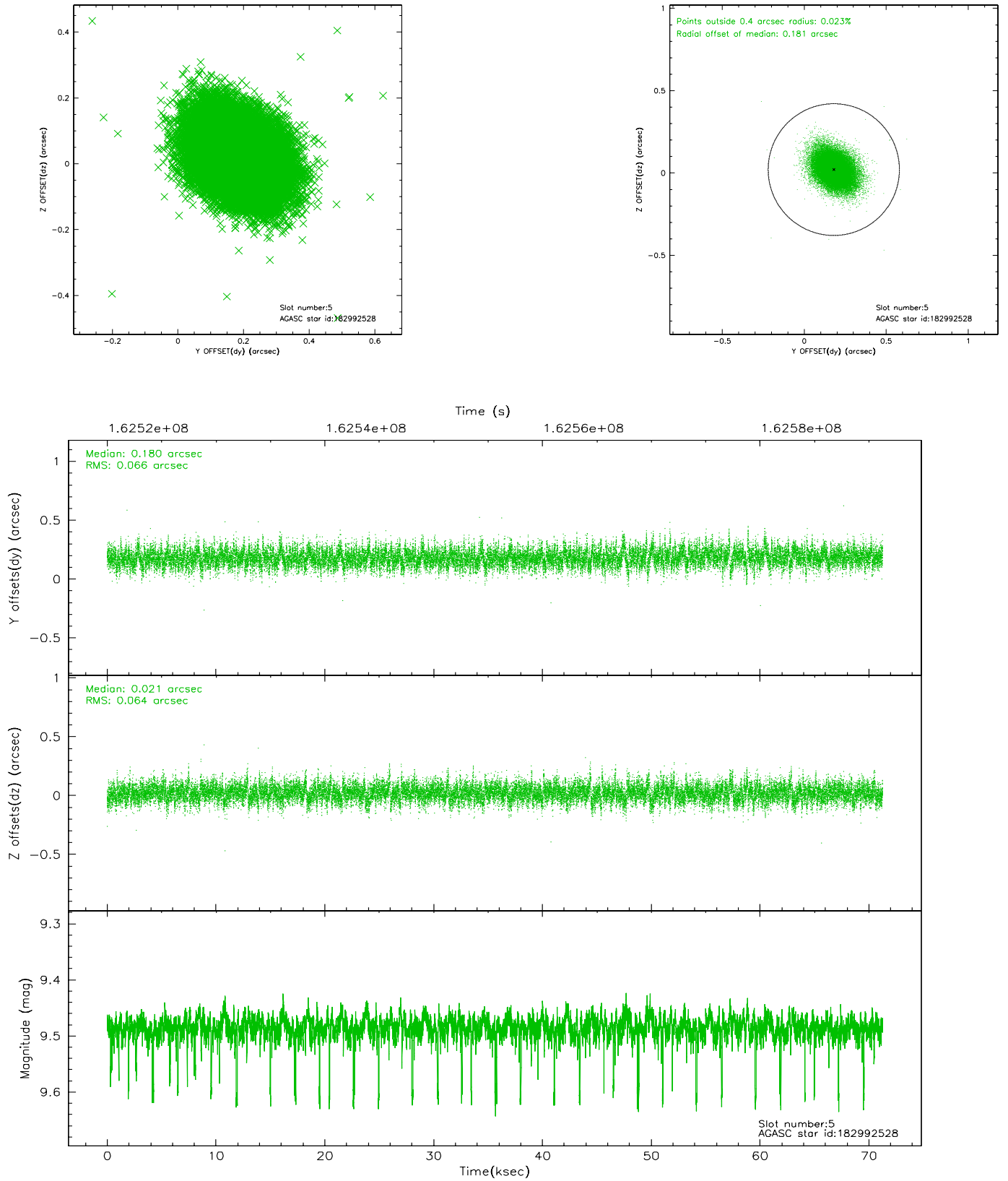
2.4.1 Slot 3



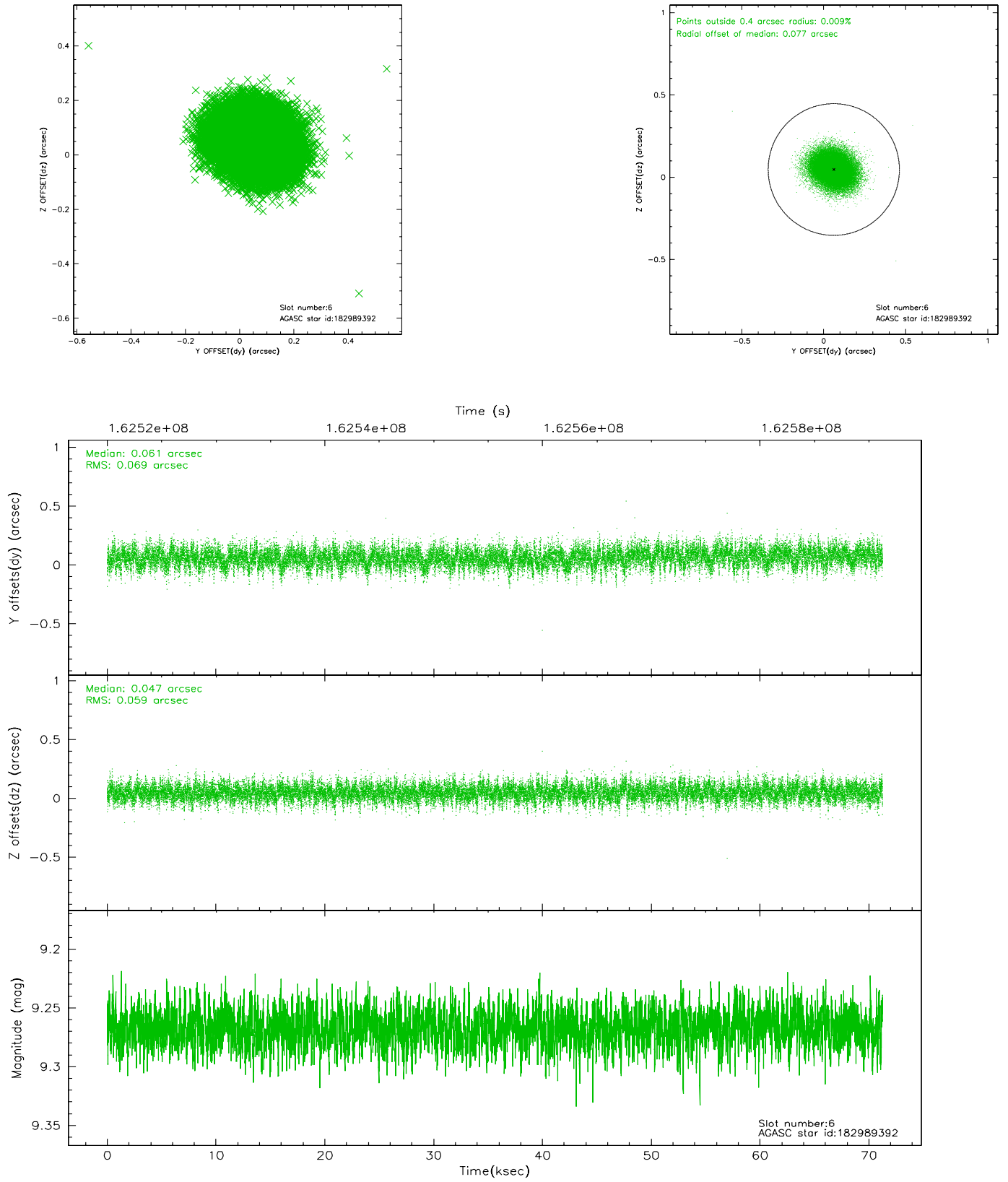
2.4.2 Slot 4



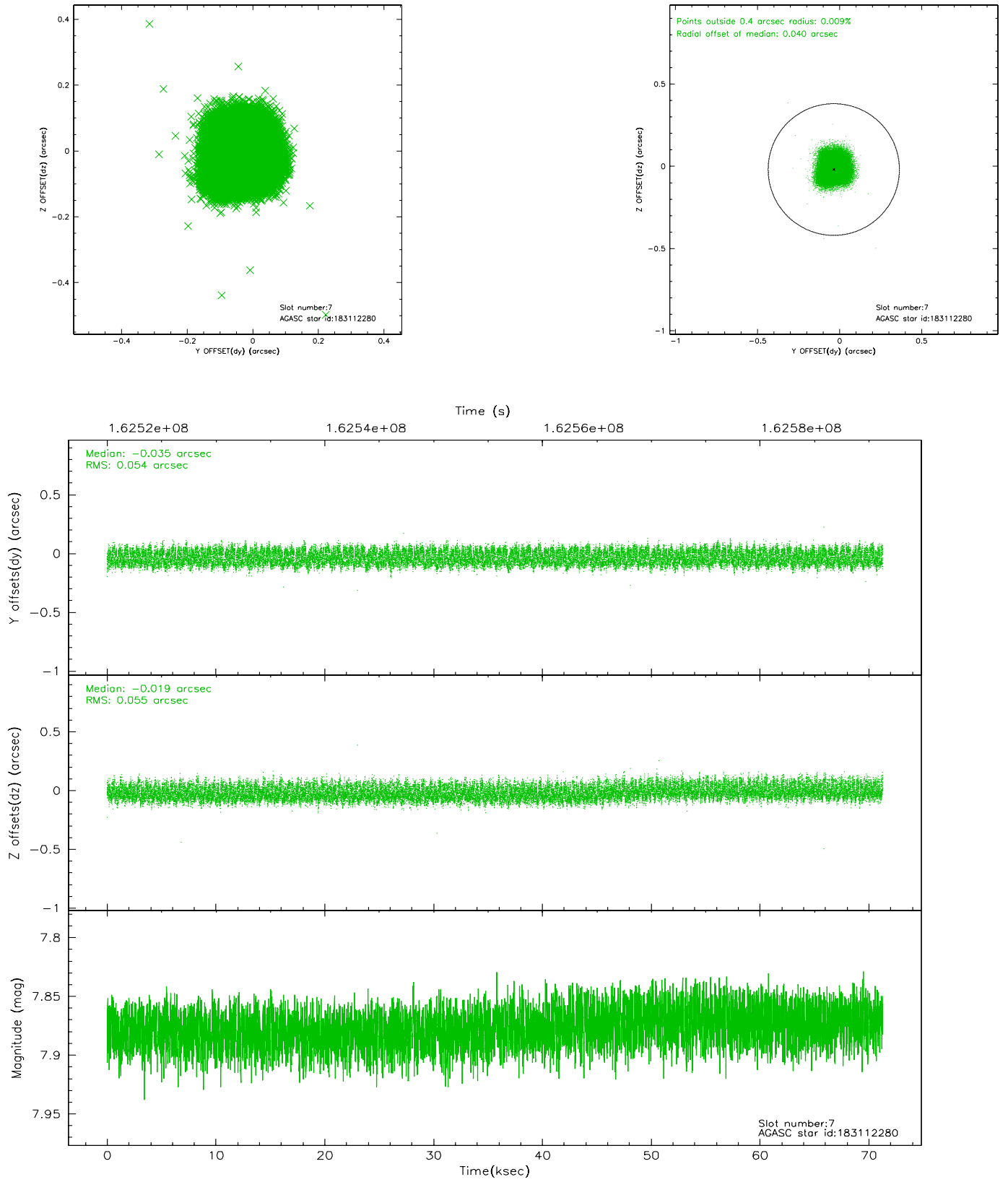
2.4.3 Slot 5



2.4.4 Slot 6

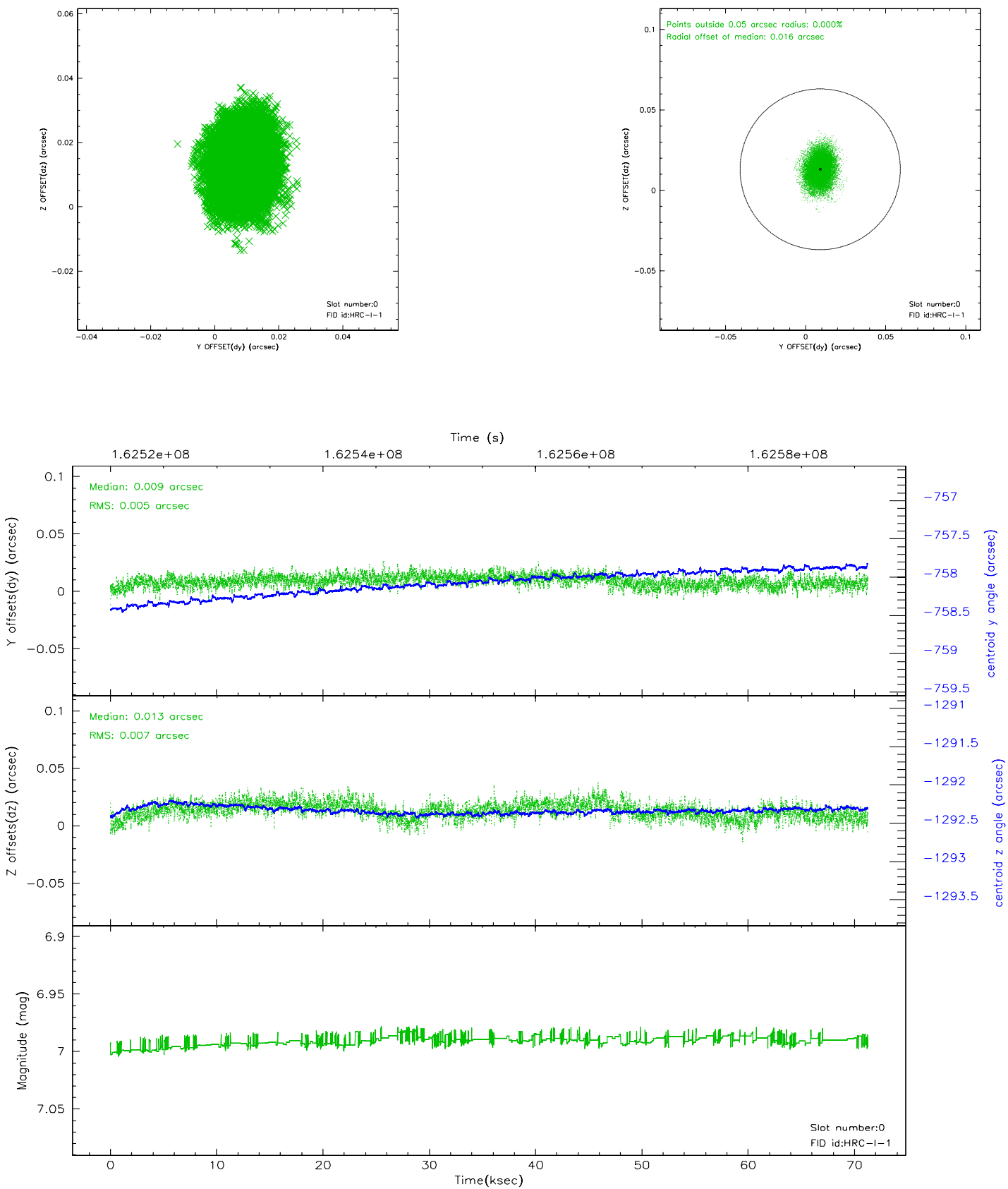


2.4.5 Slot 7

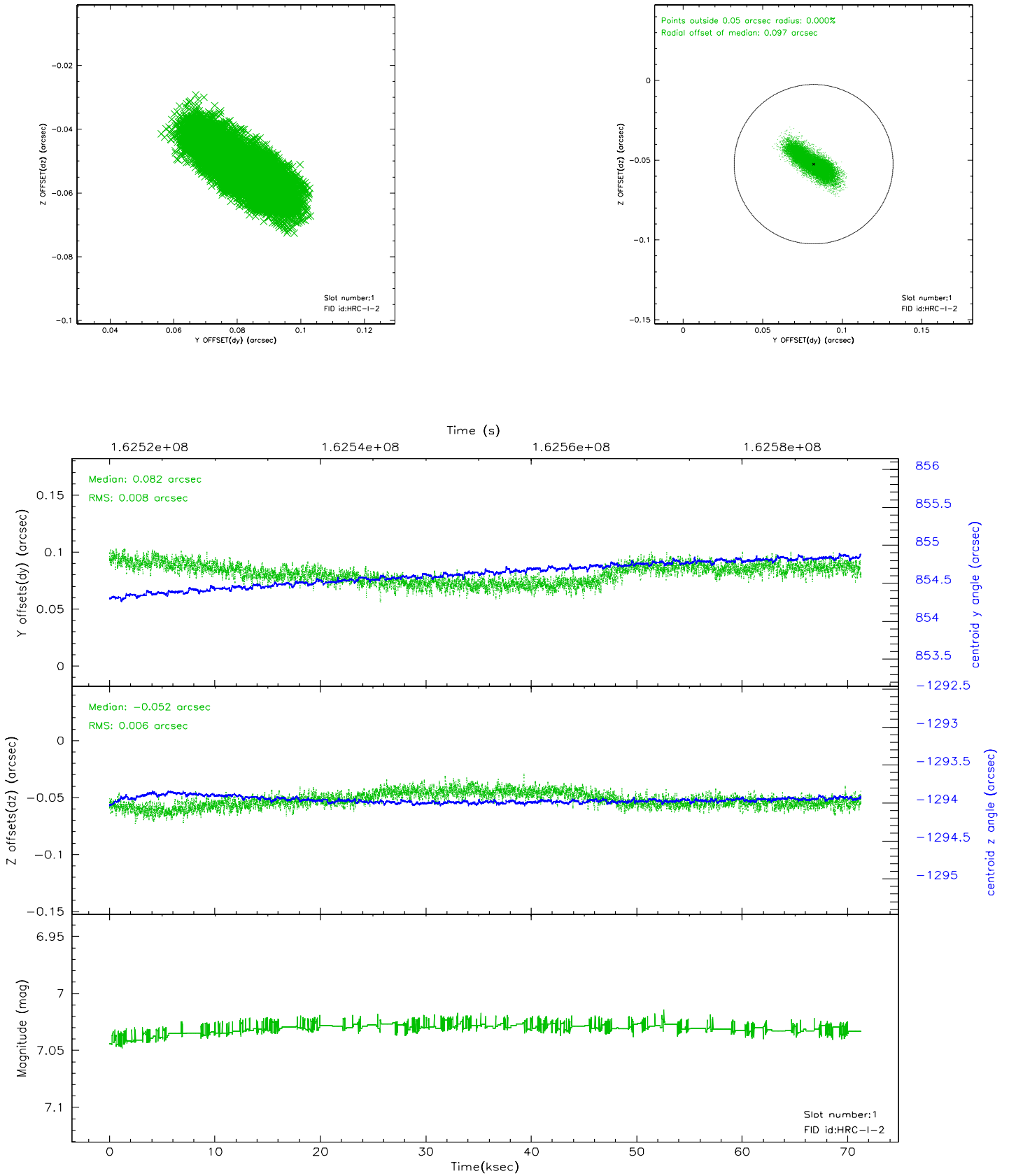


2.5 FID Slots

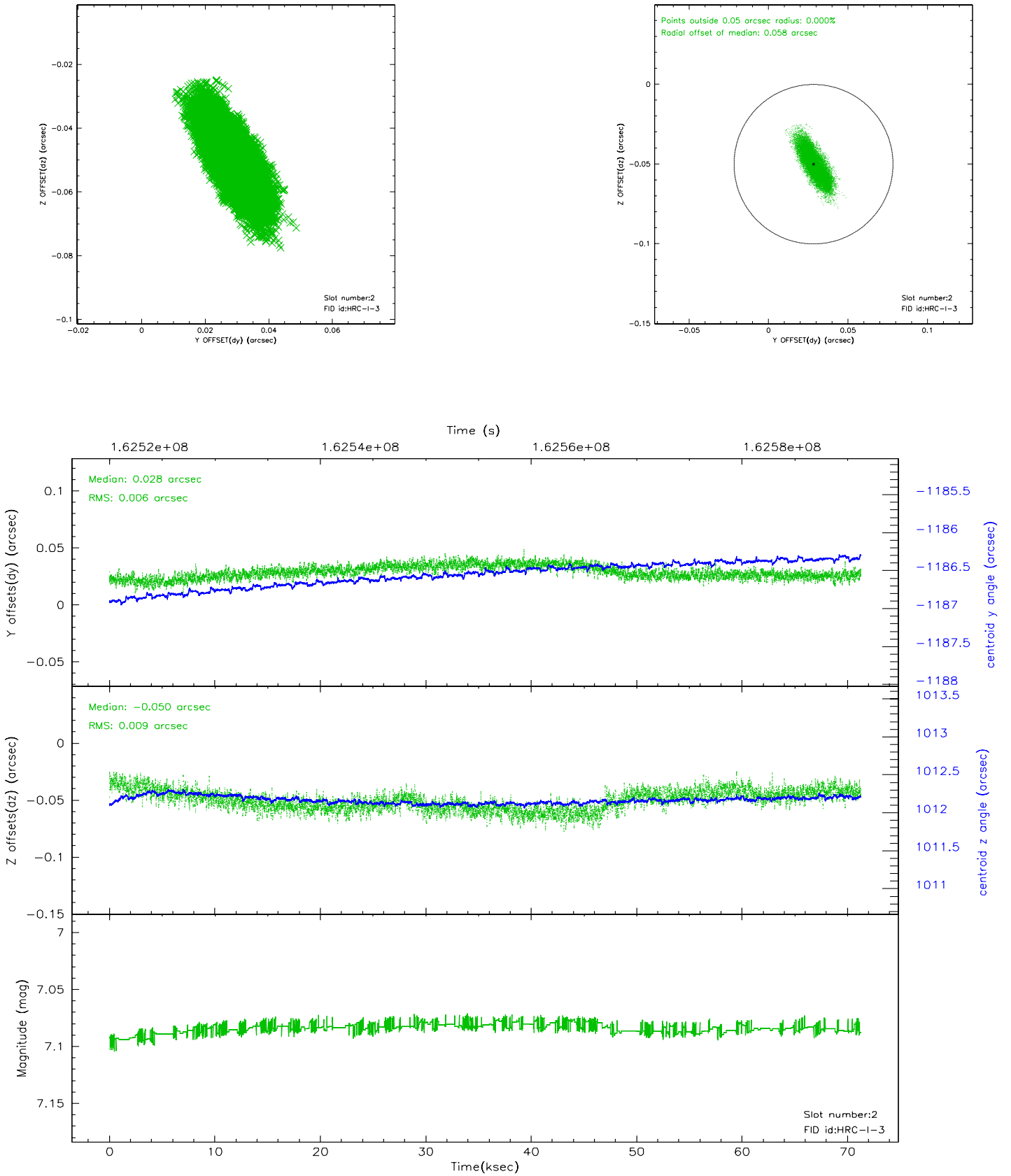
2.5.1 Slot 0



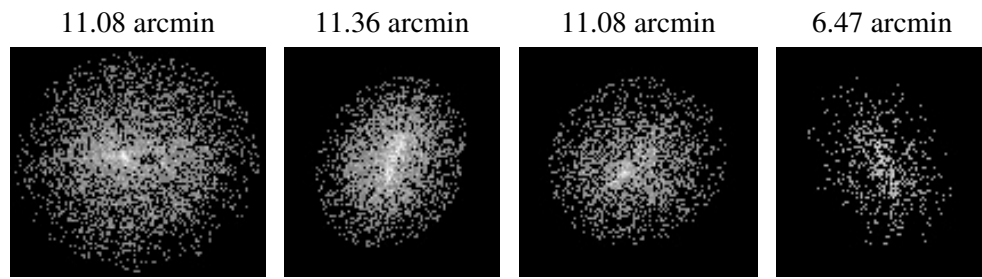
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



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	71.089

A.2 Comments

Window constraint met.

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.