

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5441 - L2 Version 002
Chandra X-Ray Center

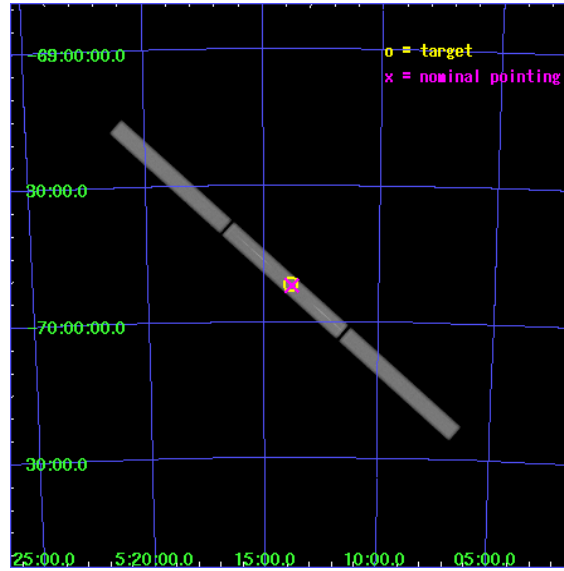
L2 Processing Date: Mar 2 2006

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1 Front

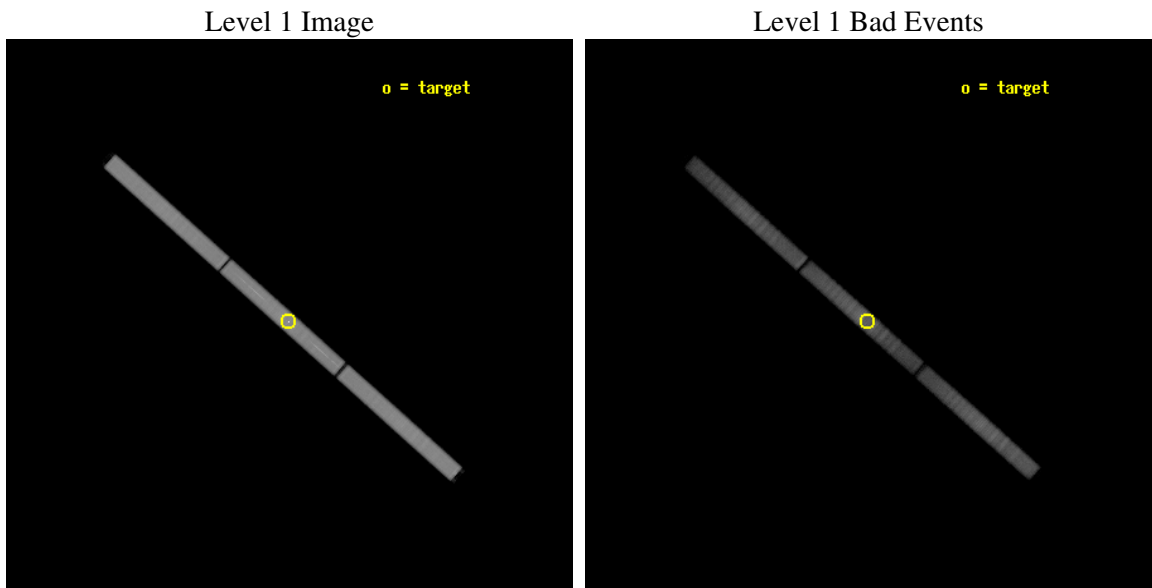
seq_num	300157
obs_id	5441
title	Testing Accretion Scenarios at the Eddington Limit
observer	Dr. Vadim Burwitz
object	RXJ0513.9-6951
ra_targ	78.461667
dec_targ	-69.863056
ra_nom	78.451216381089
dec_nom	-69.866066591049
roll_nom	221.63782468352
revision	2
ontime	25185.532386154
livetime	25011.260143061
l2events	1391667



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-03-02T09:19:39
revision	2

sched_exp_time	25000.000000
ontime	25186.301146179
l1events	2103237

2.1.3 Events

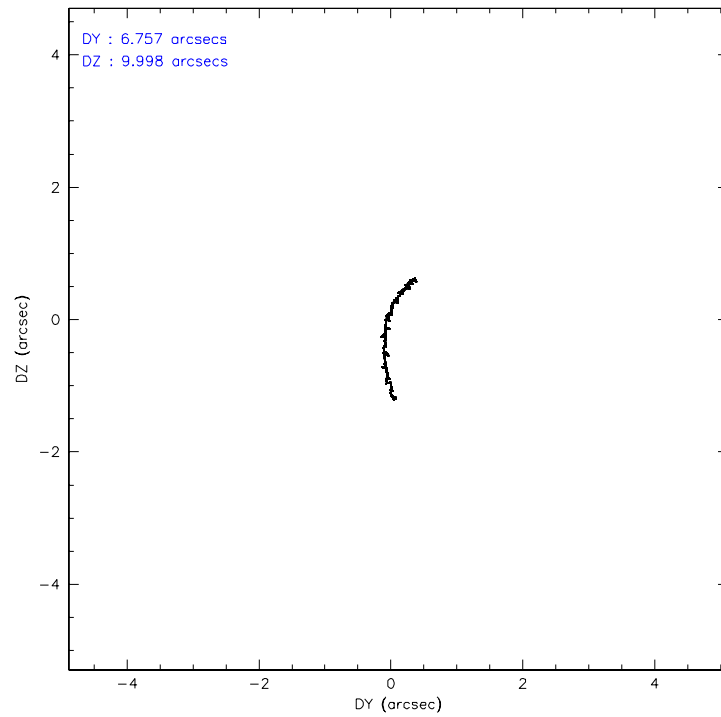
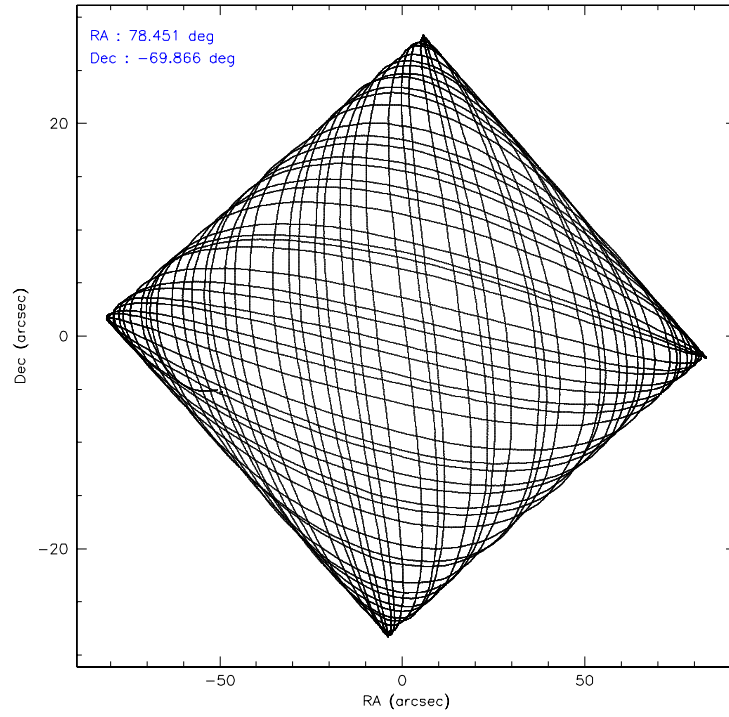
Level 1 Events

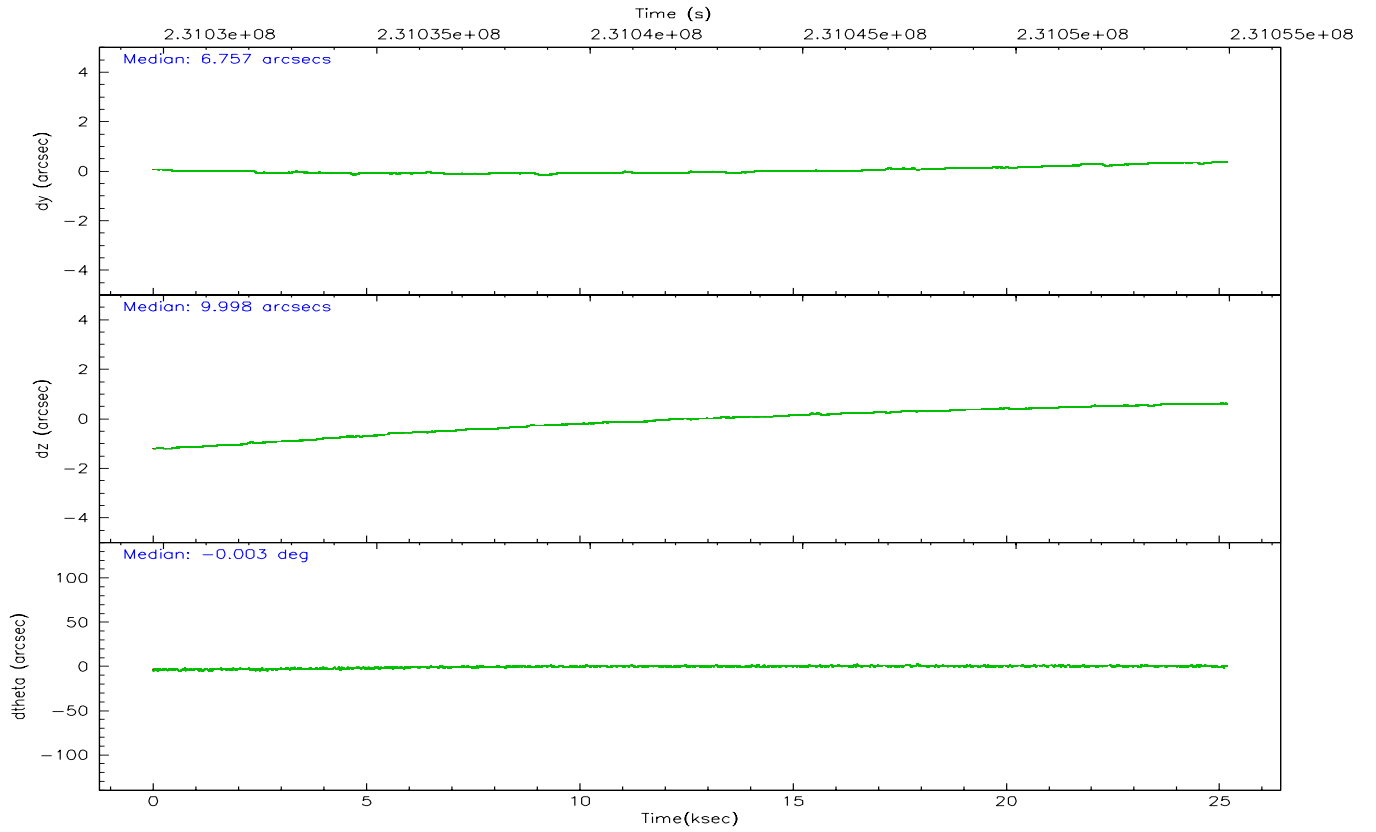
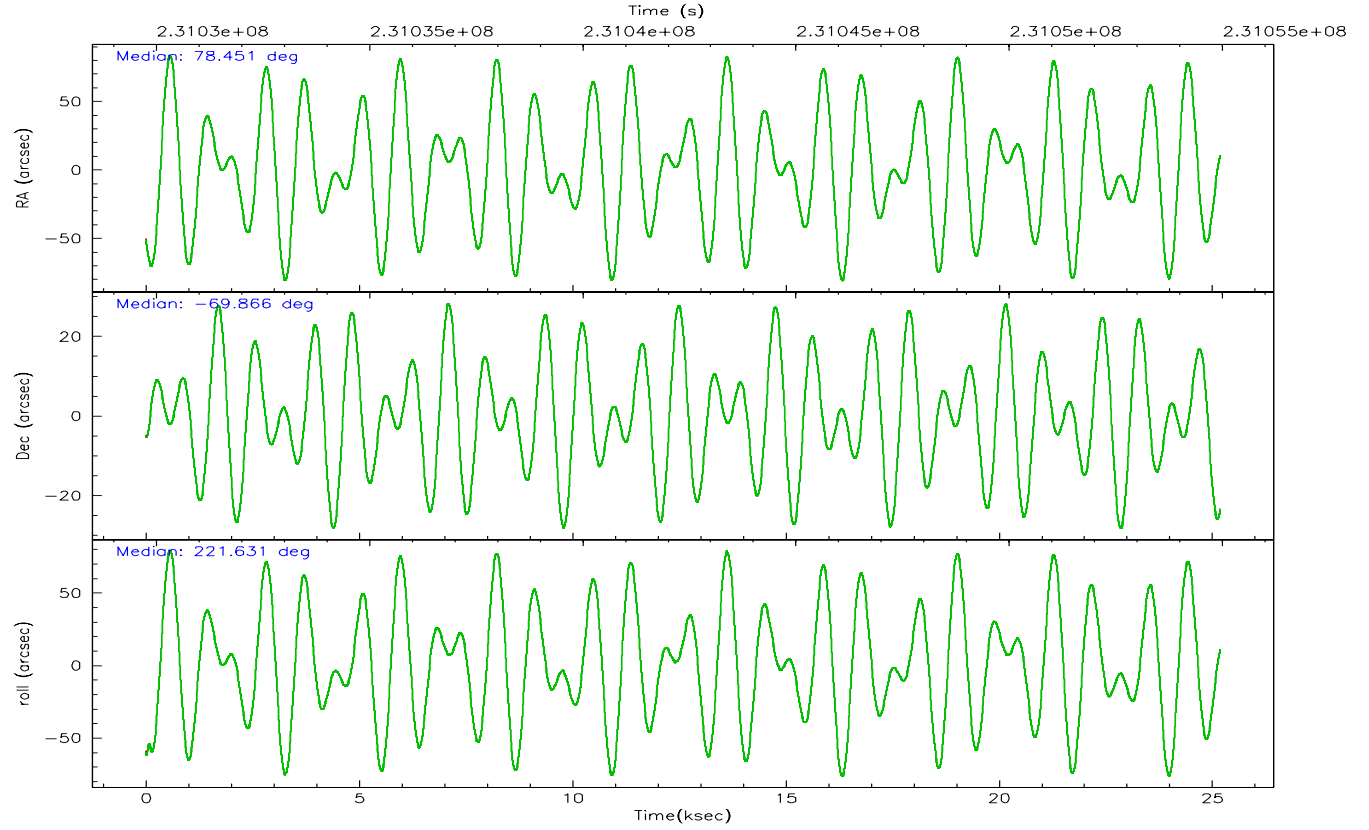
	segment 1	segment 2	segment 3
level 1 events	697845	706529	698863
rejected events	158876	170884	188141
rejected %	22%	24%	26%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	LETG	LETG	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	78.473445	78.45121638108949			
Pointing Dec	-69.838503	-69.86606659104903			
Pointing Roll	221.591371	221.637824683516			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	231029942.184000	231028923.0696			
Observation start date	2005-04-27T22:57:58	2005-04-27T22:42:03			
Observation end time	231054942.184000	231055416.7583			
Observation end date	2005-04-28T05:54:38	2005-04-28T06:03:36			

2.3 Aspect



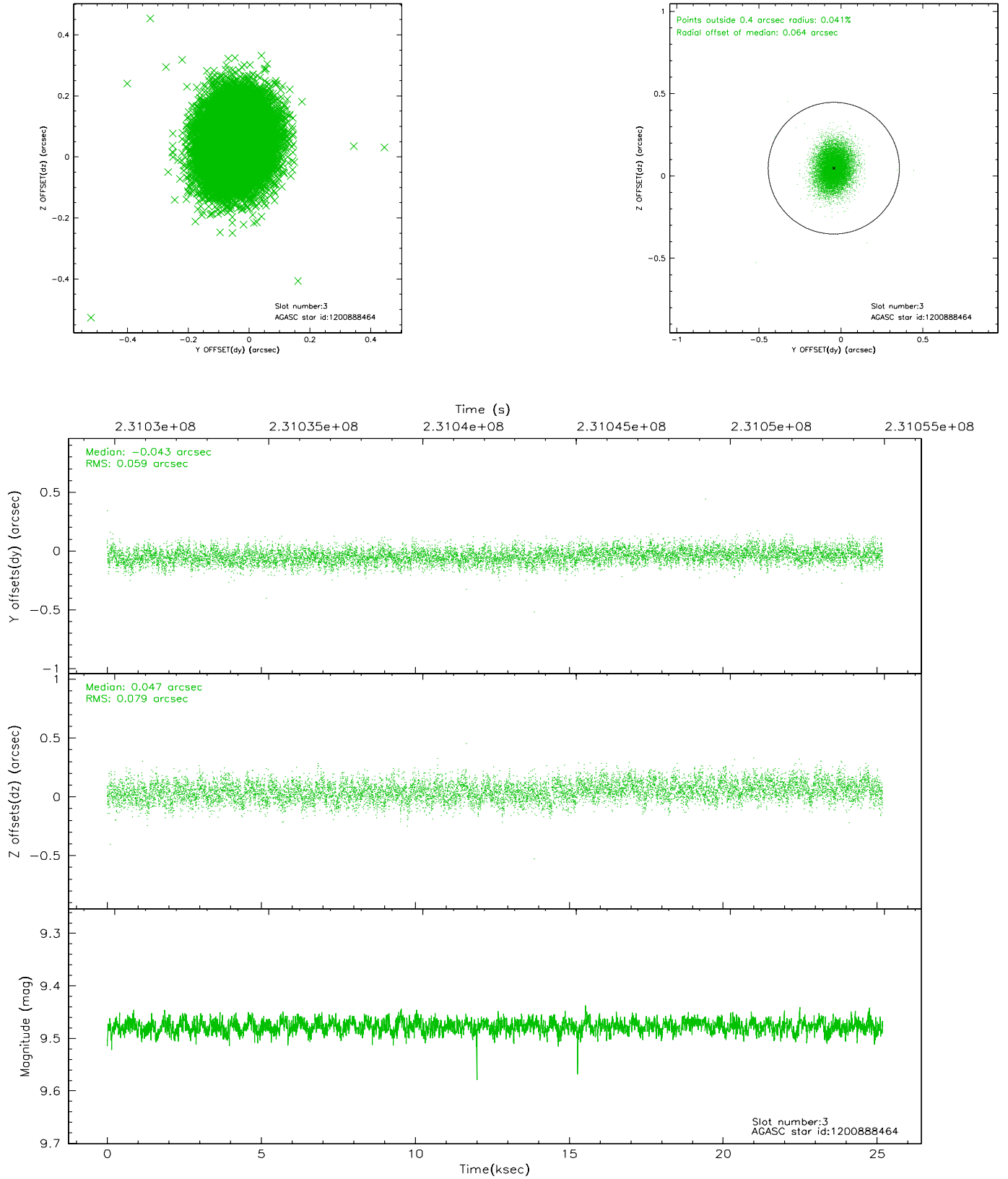


Slot Statistics

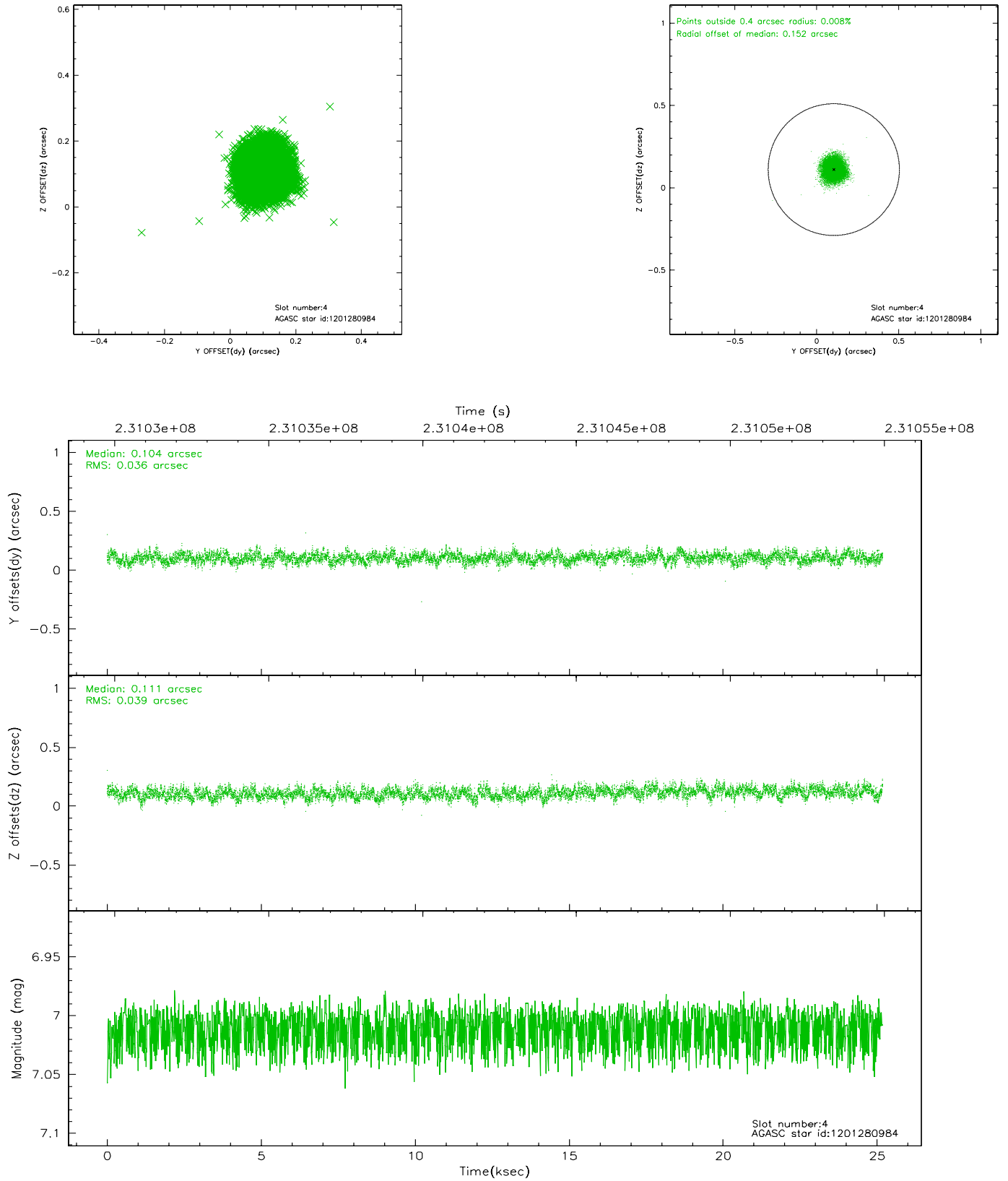
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	6143	0.110	-0.184	0.012	0.032	0.000000	0.000000	-1160.96	-458.51
1	FID	HRC-S-2	7.00	6144	0.178	-0.112	0.007	0.013	0.000000	0.000000	1238.60	-451.19
2	FID	HRC-S-3	7.02	6144	0.102	-0.005	0.011	0.033	0.000000	0.000000	-1163.48	571.12
3	GUIDE	1200888464	9.48	12283	-0.043	0.047	0.105	0.169	78.430687	-69.005633	-1948.83	-2279.19
4	GUIDE	1201280984	7.01	12287	0.104	0.111	0.058	0.090	77.867422	-69.546090	-125.89	-1290.55
5	GUIDE	1201407648	9.15	12265	0.096	0.041	0.096	0.157	78.636737	-70.585025	1638.05	2140.06
6	GUIDE	1201409432	9.03	12283	-0.180	-0.168	0.090	0.142	79.317334	-70.259796	243.94	1820.87
7	GUIDE	1201411776	8.86	12275	0.024	-0.031	0.095	0.148	79.010603	-70.456328	994.28	2095.23

2.4 Star Slots

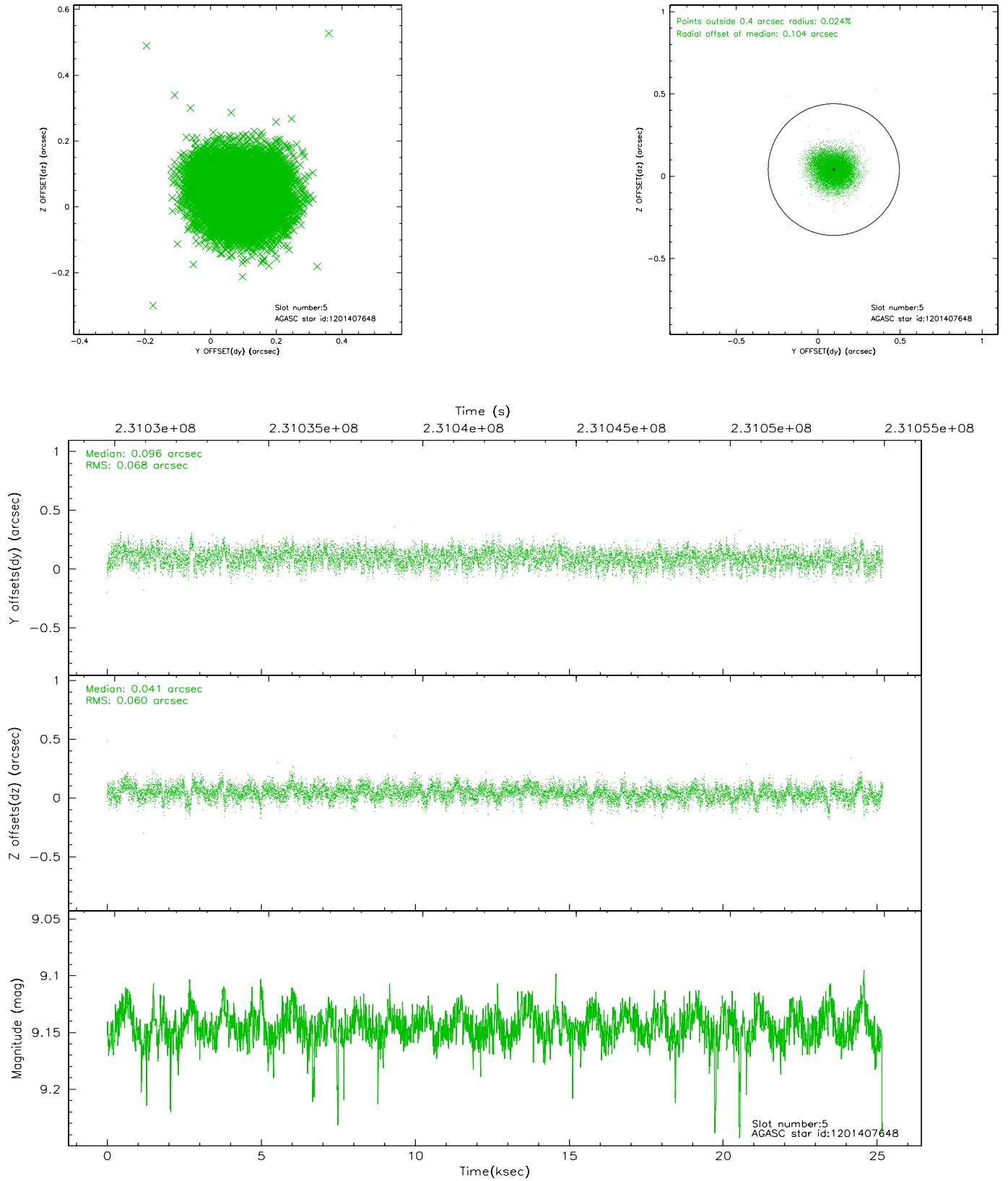
2.4.1 Slot 3



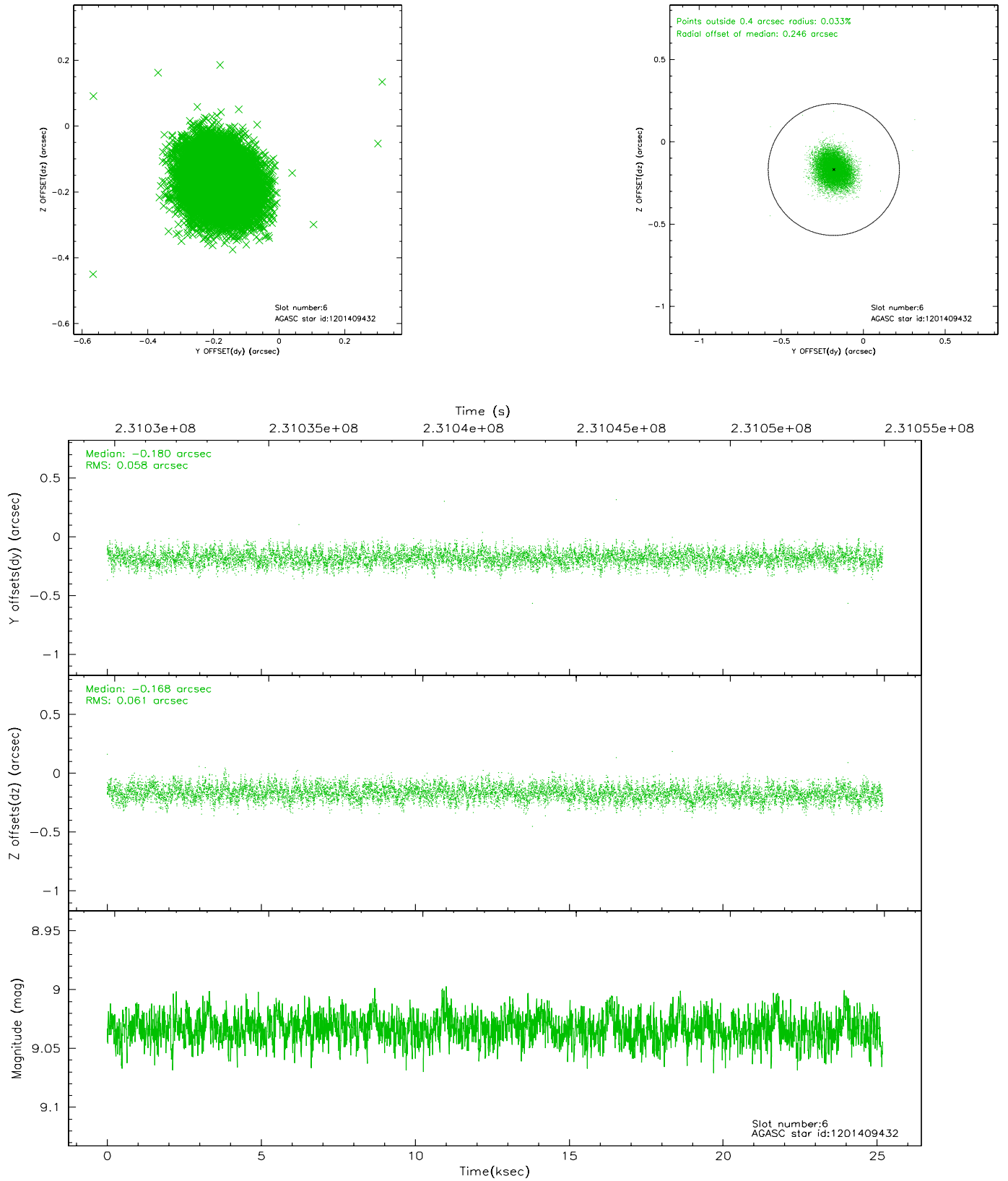
2.4.2 Slot 4



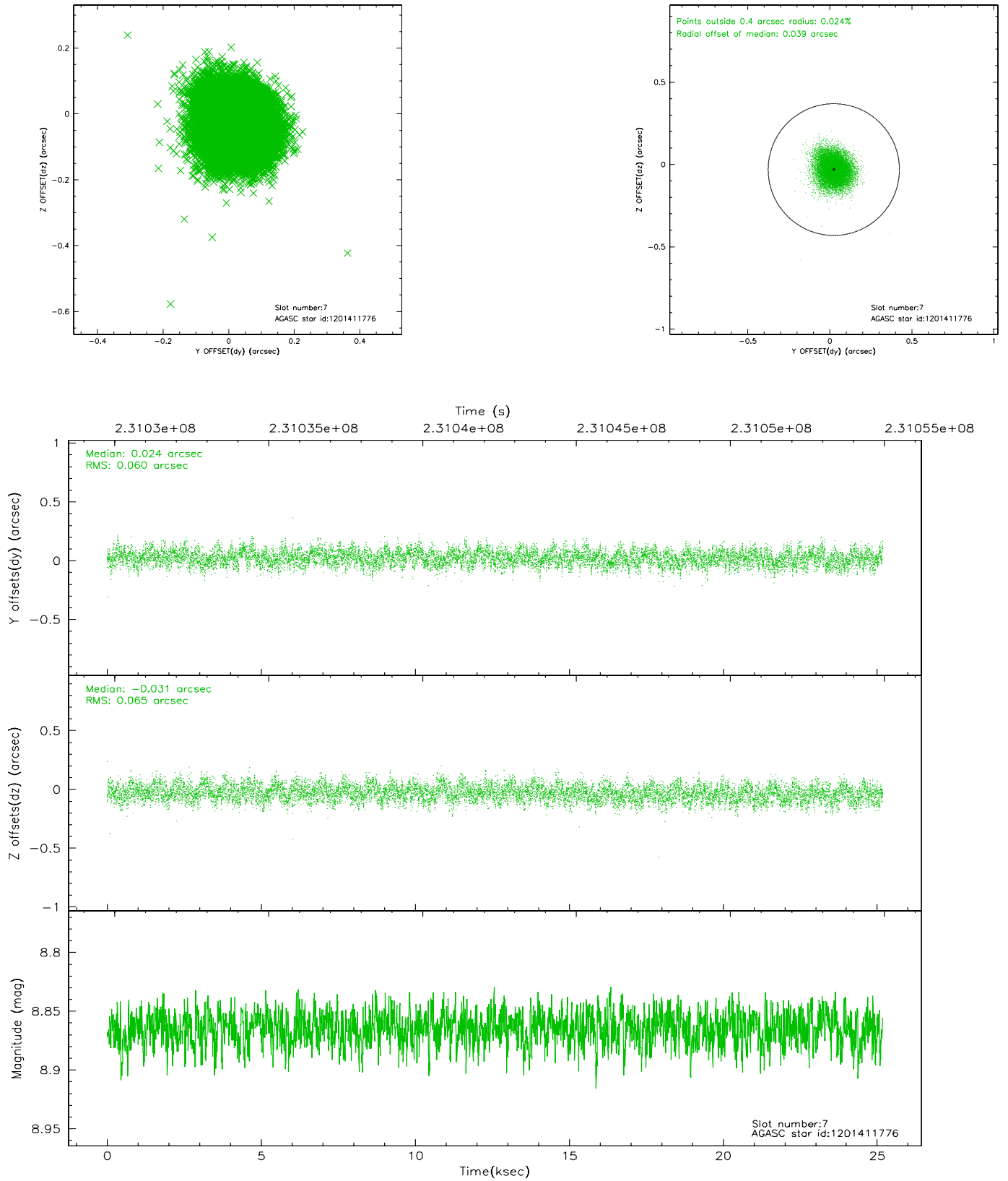
2.4.3 Slot 5



2.4.4 Slot 6

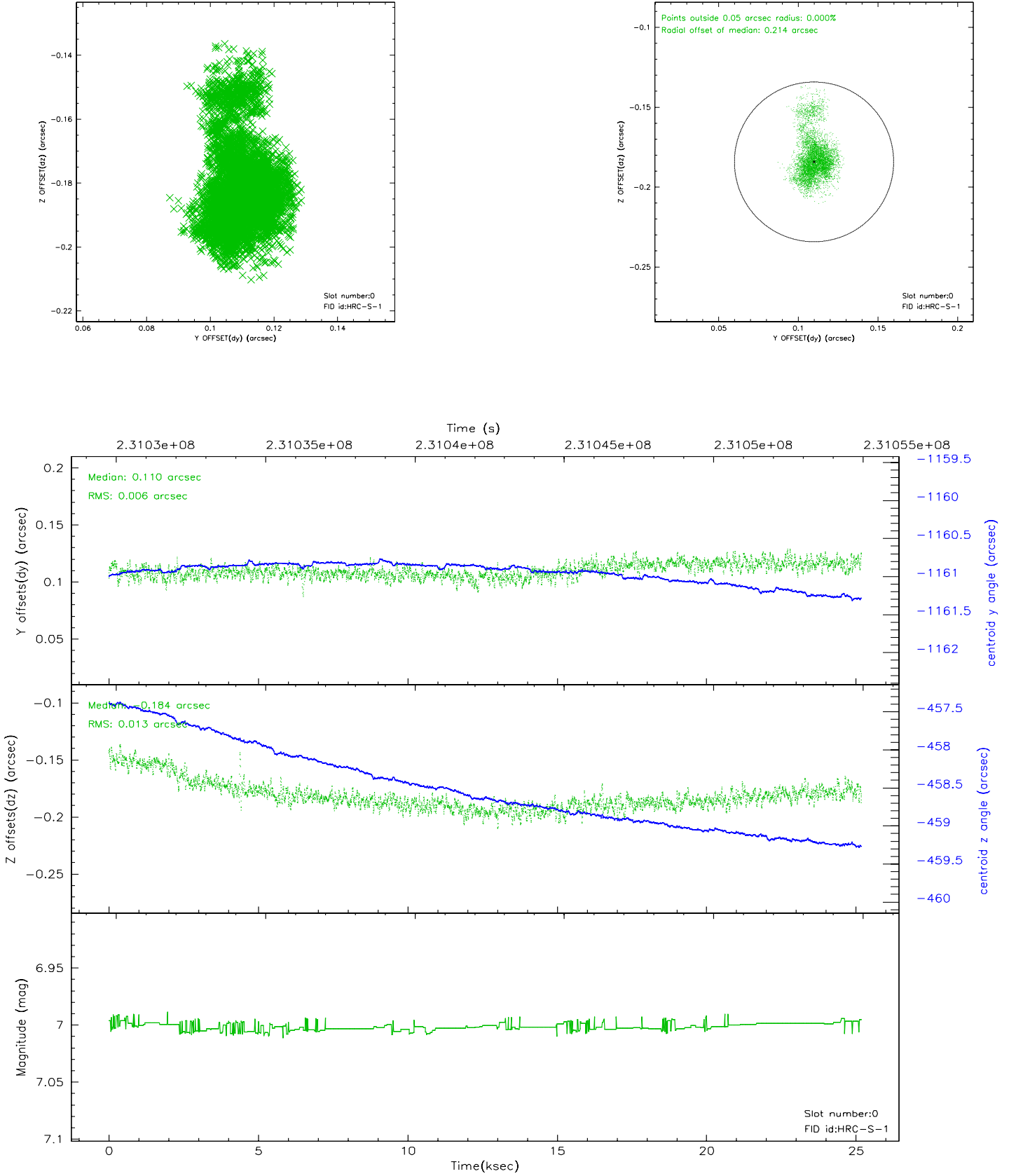


2.4.5 Slot 7

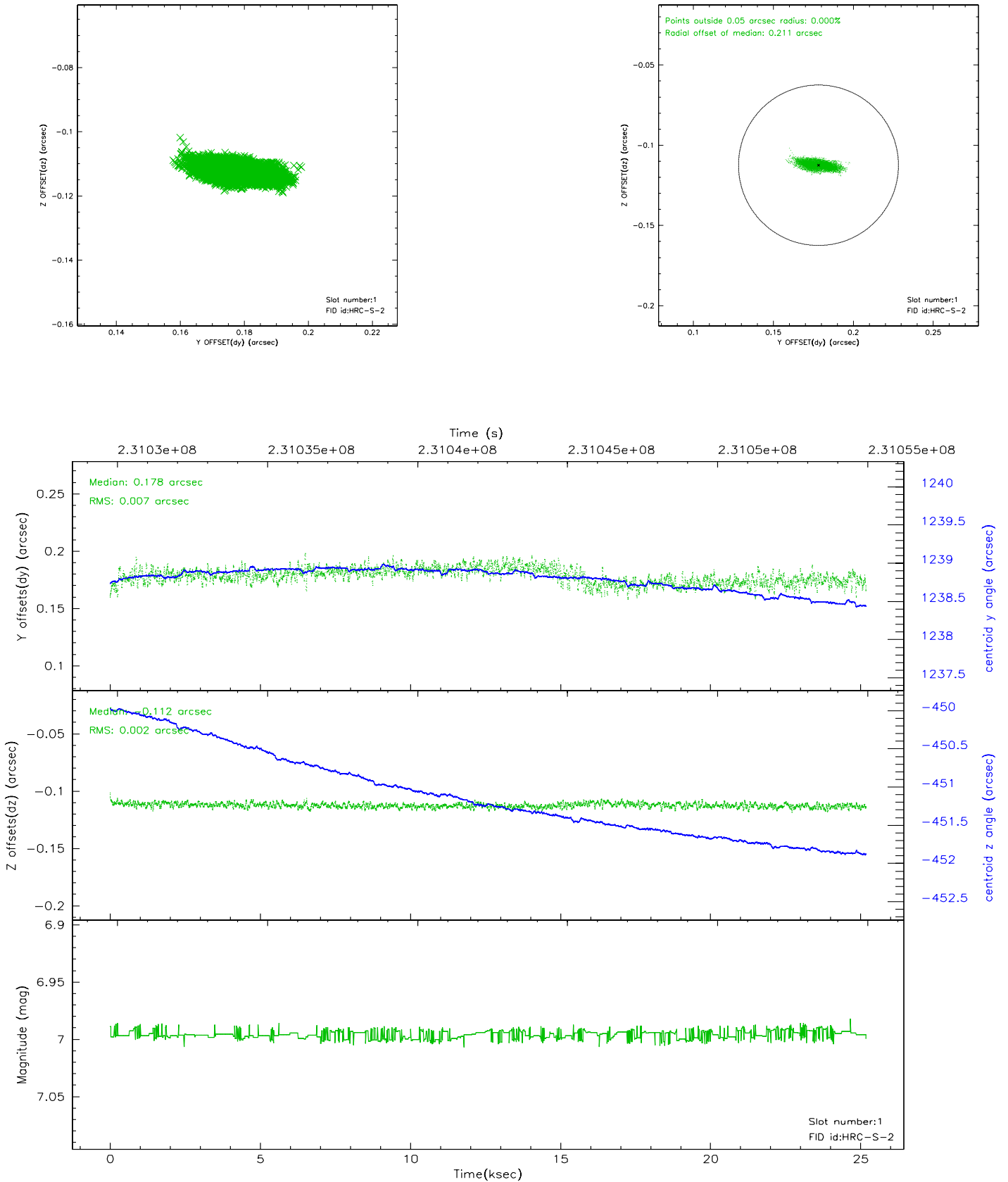


2.5 FID Slots

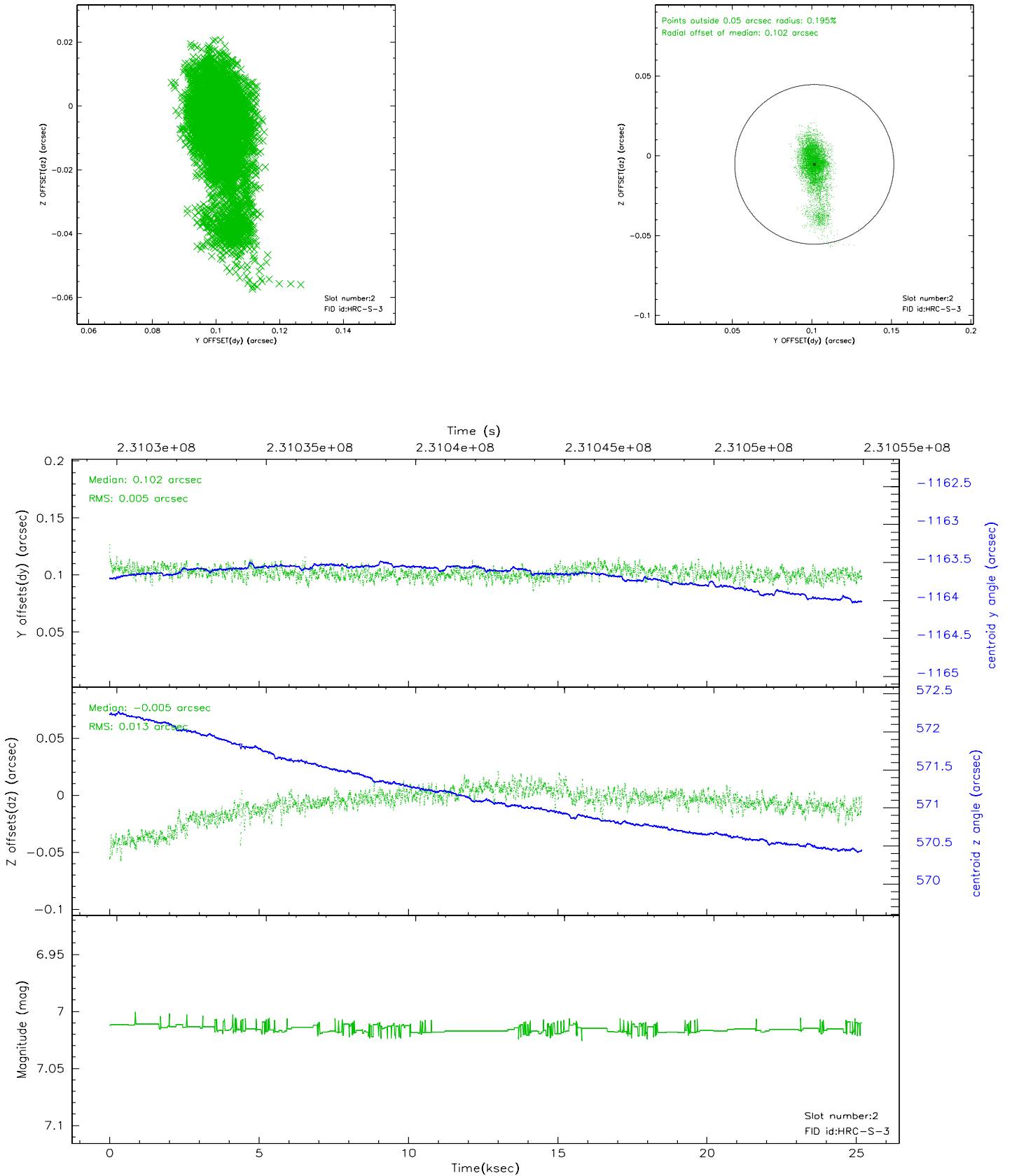
2.5.1 Slot 0



2.5.2 Slot 1

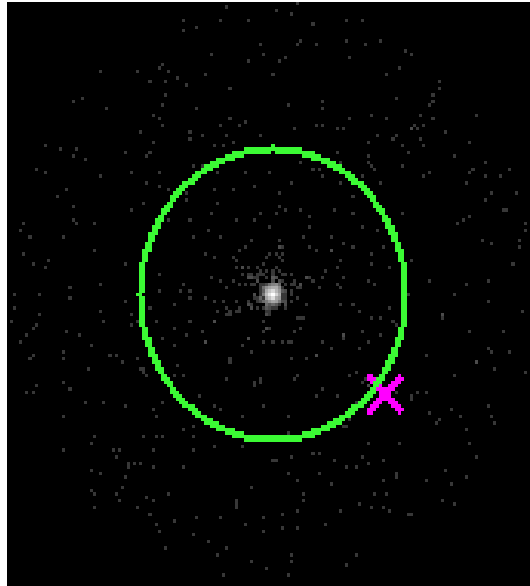


2.5.3 Slot 2

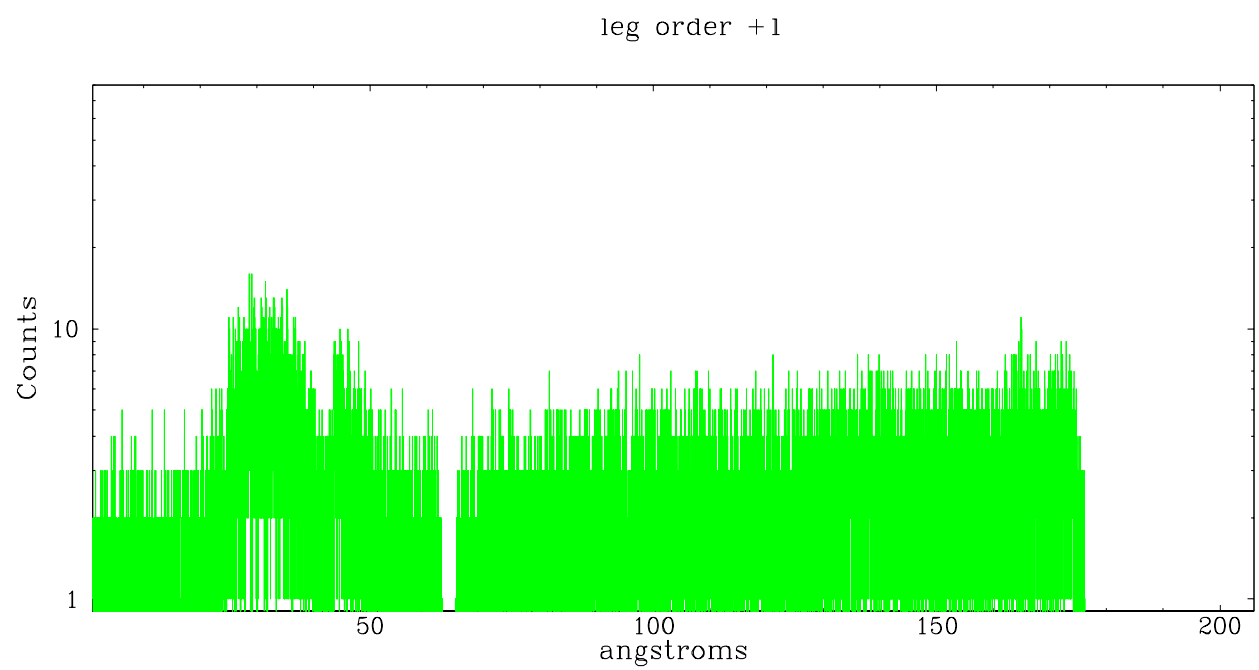
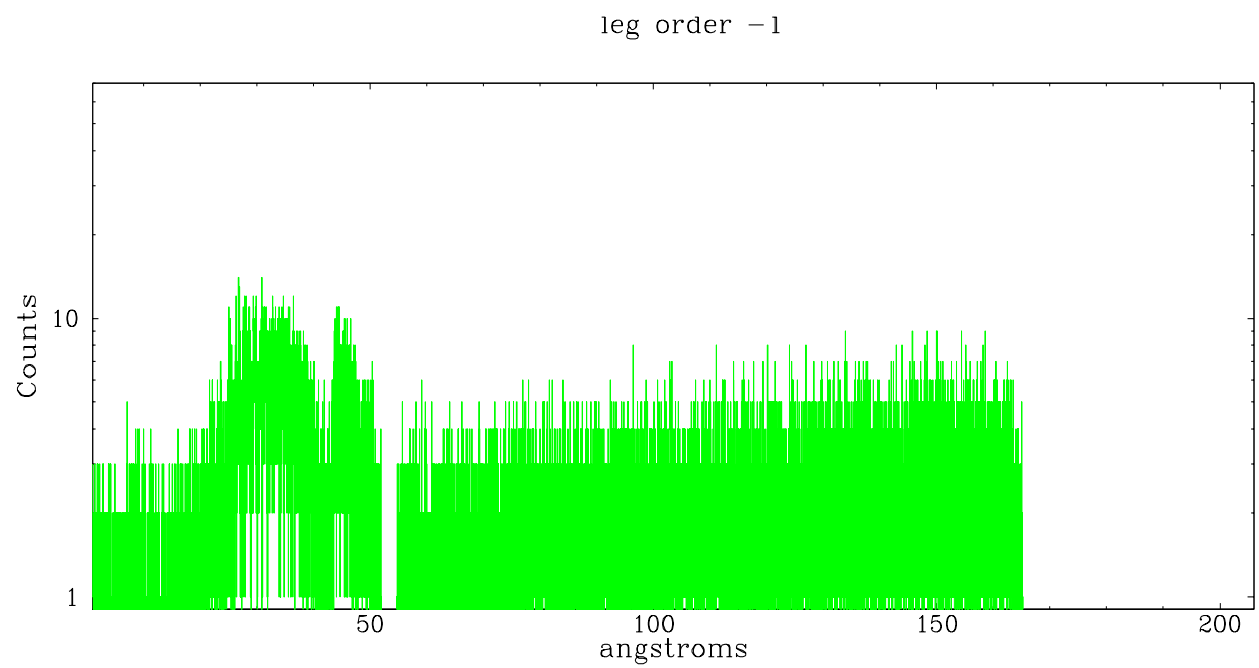


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.18553

A.2 Comments