

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2582 - L2 Version 001
Chandra X-Ray Center

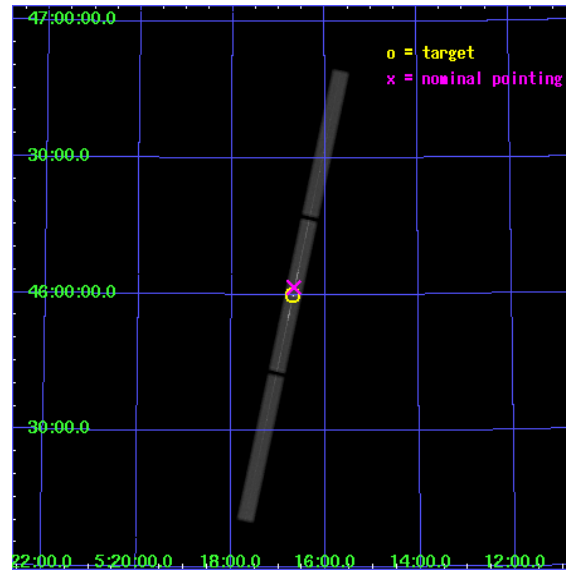
L2 Processing Date : Oct 5 2006

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1 Front

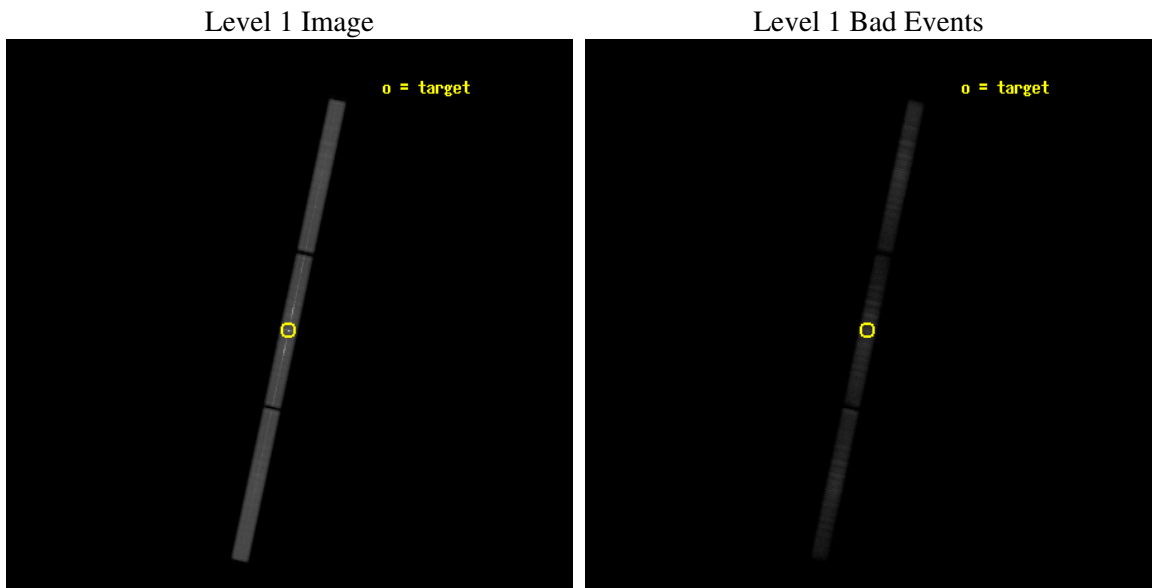
seq_num	290138
obs_id	2582
title	AO3 CALIBRATION OBSERVATIONS OF CAPELLA
observer	Dr. CXC Calibration
object	CAPELLA
ra_targ	79.17625
dec_targ	45.997889
ra_nom	79.167485494445
dec_nom	46.026977563699
roll_nom	102.12018046346
revision	3
ontime	28832.482444137
livetime	28658.991386707
l2events	1344126



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	3
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-05T20:08:18
revision	3

sched_exp_time	29000.000000
ontime	29161.507457763
l1events	1955020

2.1.3 Events

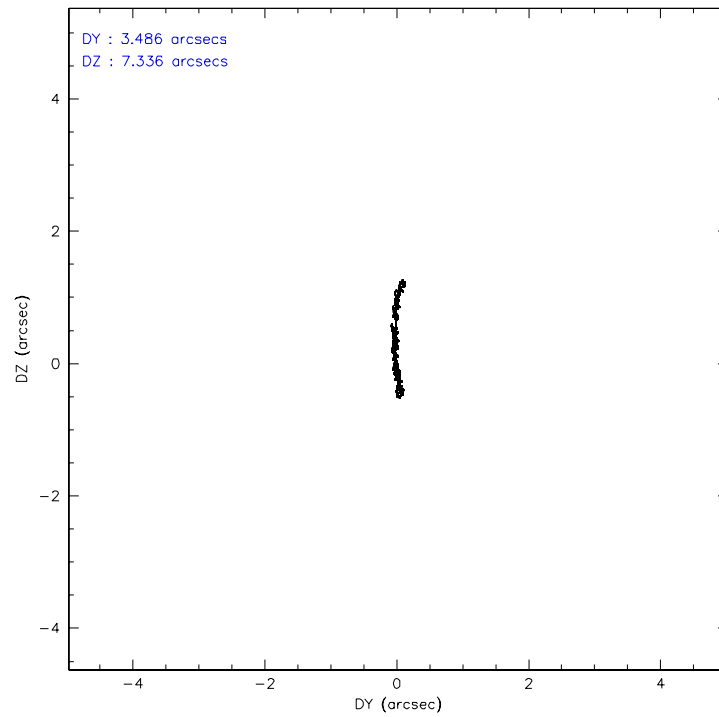
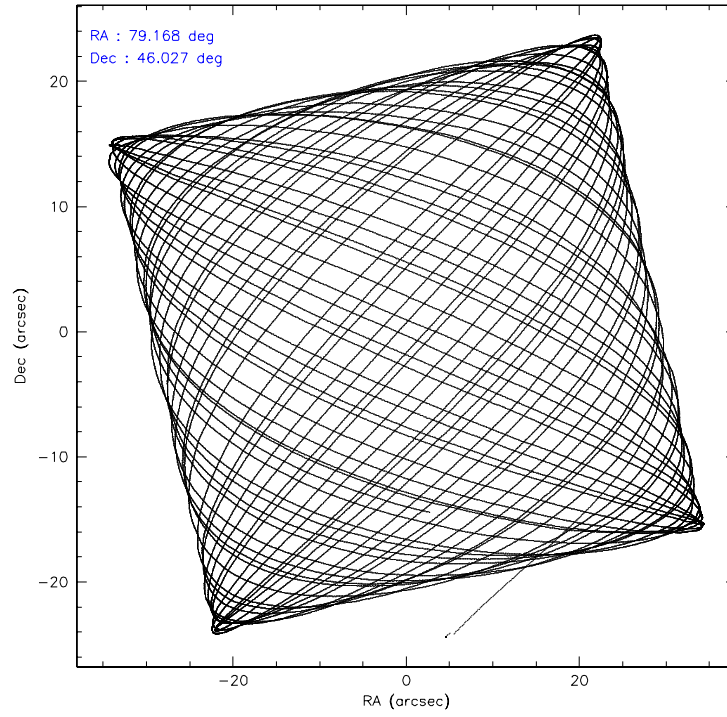
Level 1 Events

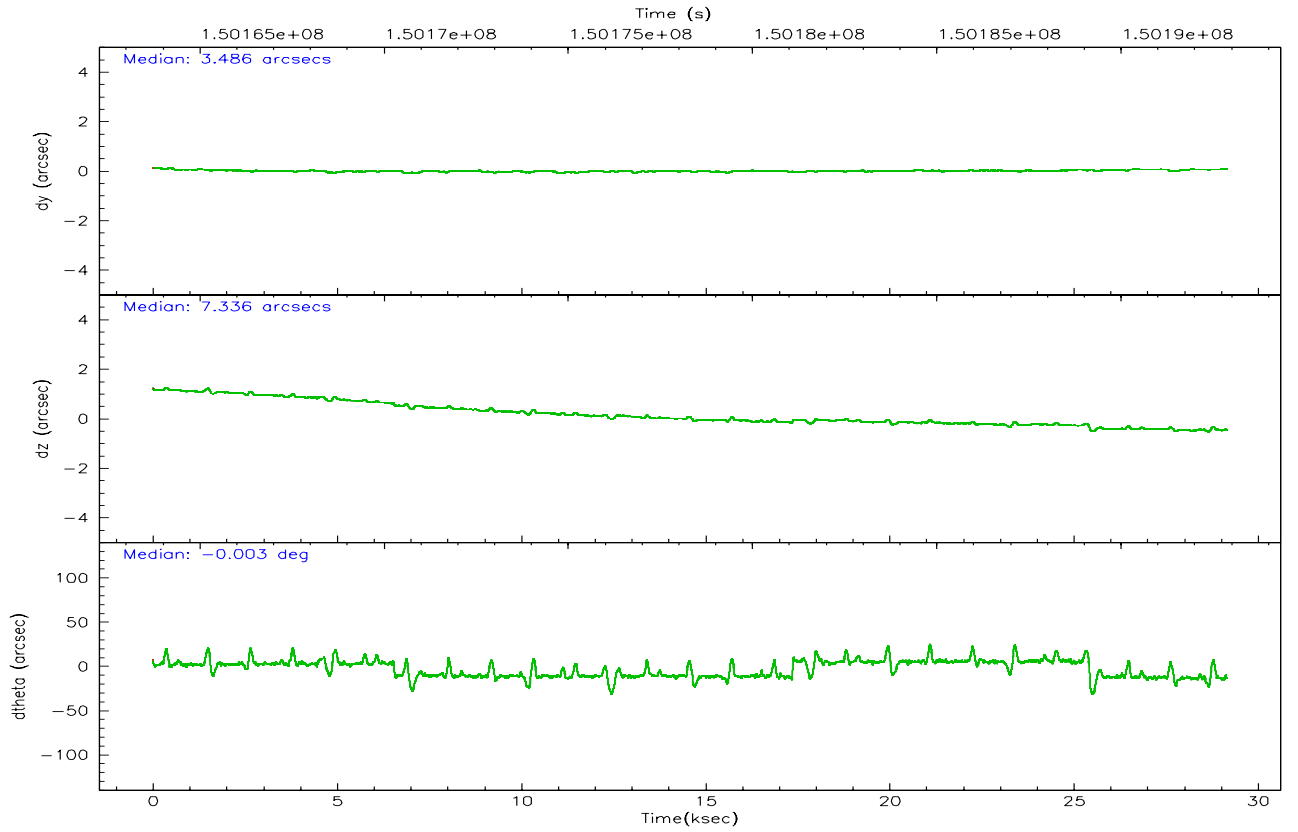
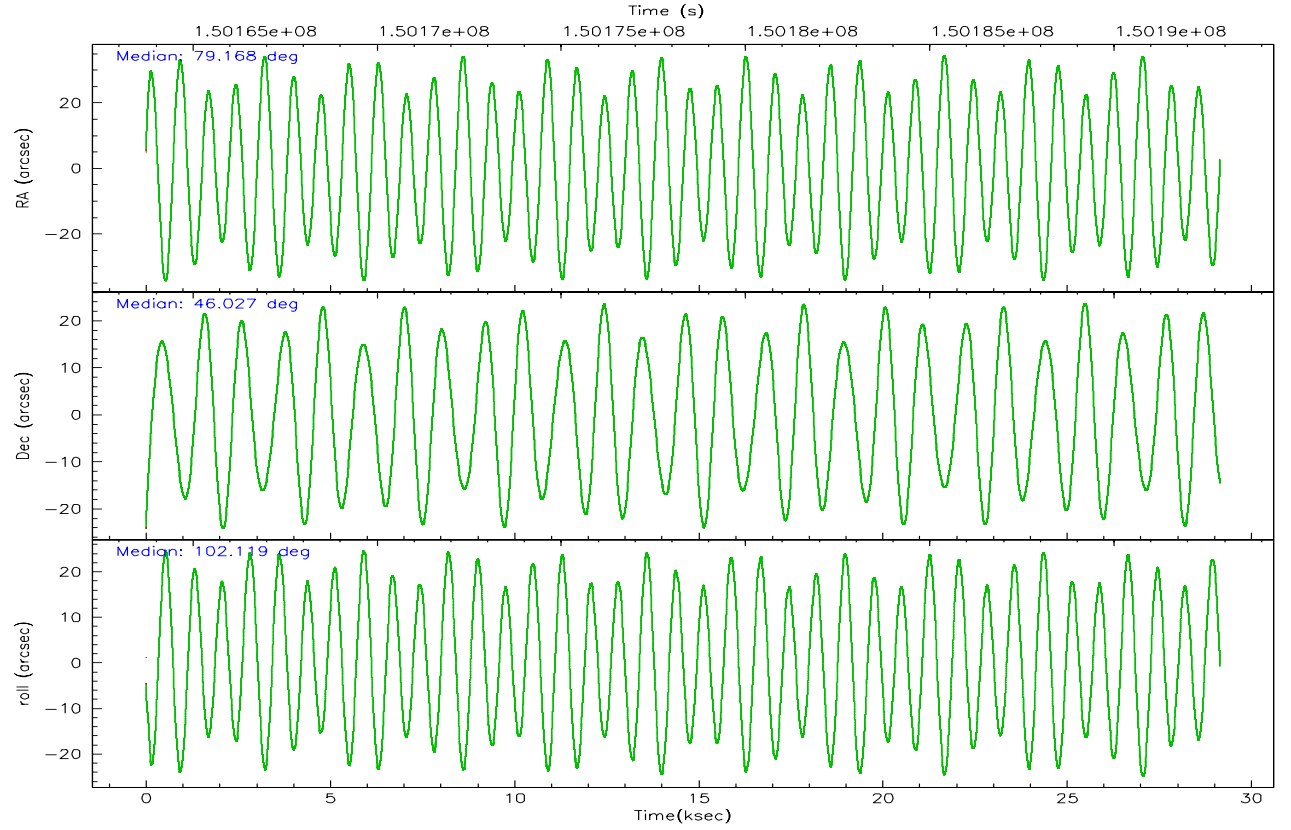
	segment 1	segment 2	segment 3
level 1 events	613658	725229	616133
rejected events	133078	144007	162058
rejected %	21%	19%	26%

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	79.196602	79.16748549444517			
Pointing Dec	46.006699	46.02697756369947			
Pointing Roll	102.031888	102.1201804634586			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	150163882.184000	150163136.88831			
Observation start date	2002-10-05T00:10:18	2002-10-04T23:58:56			
Observation end time	150192882.184000	150194101.62709			
Observation end date	2002-10-05T08:13:38	2002-10-05T08:35:01			

2.3 Aspect



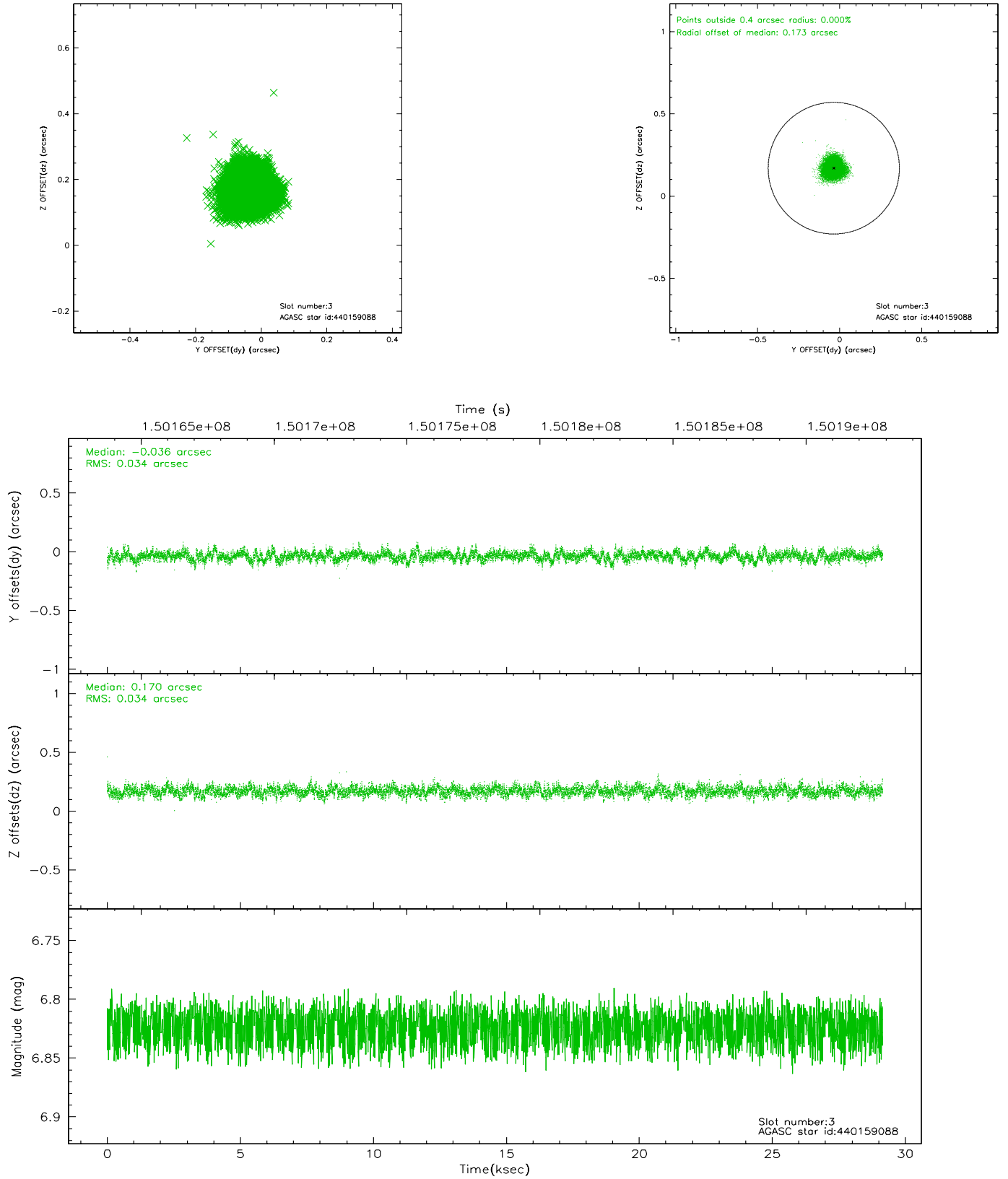


Slot Statistics

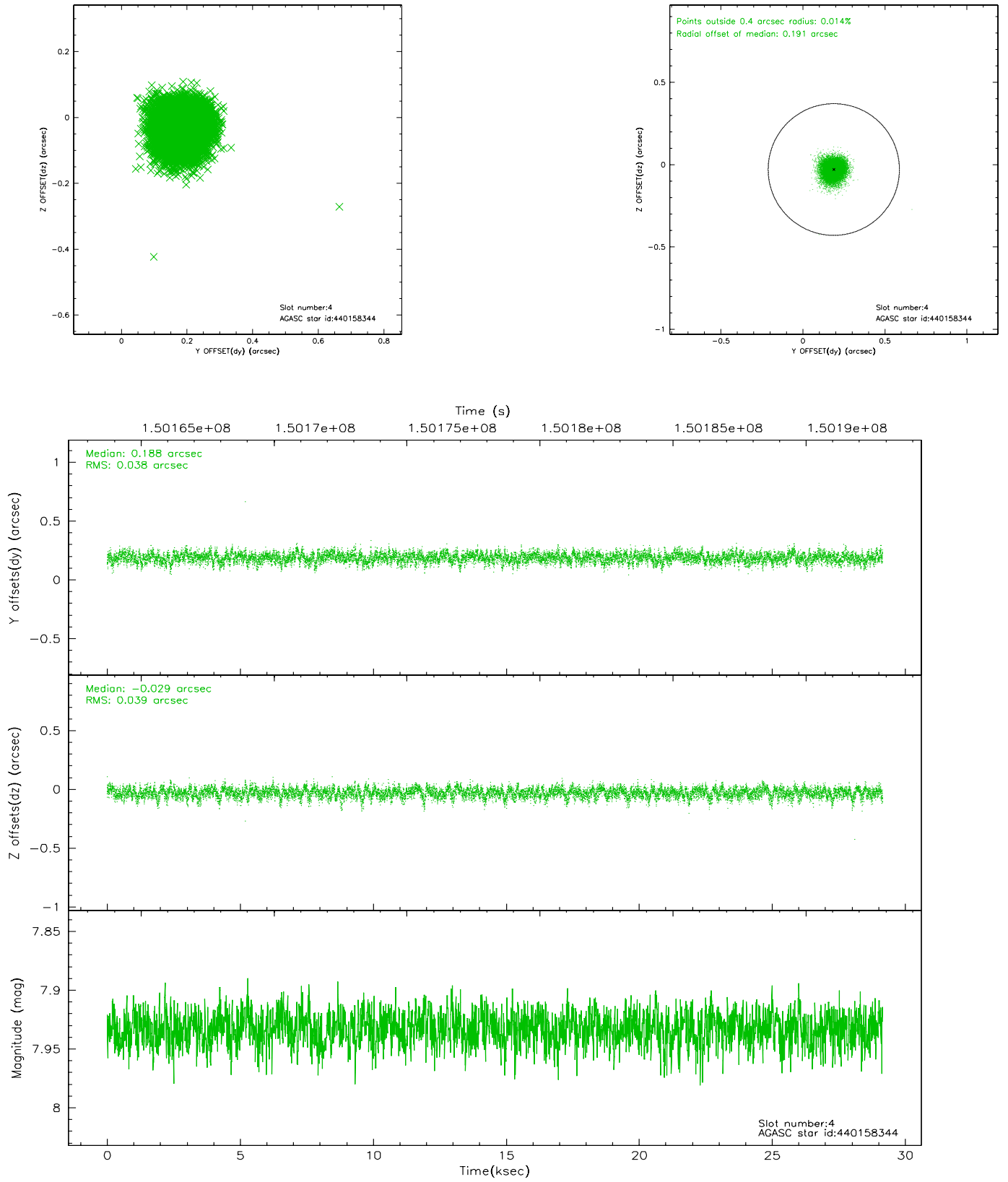
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	7110	0.113	-0.099	0.021	0.045	0.000000	0.000000	-1157.56	-456.06
1	FID	HRC-S-3	7.03	7113	0.105	-0.103	0.036	0.053	0.000000	0.000000	-1160.46	573.40
2	FID	HRC-S-4	6.97	7112	0.159	-0.093	0.019	0.048	0.000000	0.000000	1240.58	576.14
3	GUIDE	440159088	6.82	14225	-0.036	0.170	0.051	0.082	79.453034	46.128063	296.03	-716.66
4	GUIDE	440158344	7.93	14225	0.188	-0.029	0.057	0.094	79.344888	45.394991	-2230.46	92.36
5	GUIDE	440149808	8.44	14226	-0.027	-0.019	0.061	0.100	78.873930	46.405955	1575.21	483.65
6	GUIDE	438437960	8.52	14224	-0.038	-0.090	0.064	0.101	78.069023	46.438843	2125.40	2407.74
7	GUIDE	438450792	8.81	14215	-0.085	-0.030	0.069	0.112	78.654240	46.382628	1609.65	1034.63

2.4 Star Slots

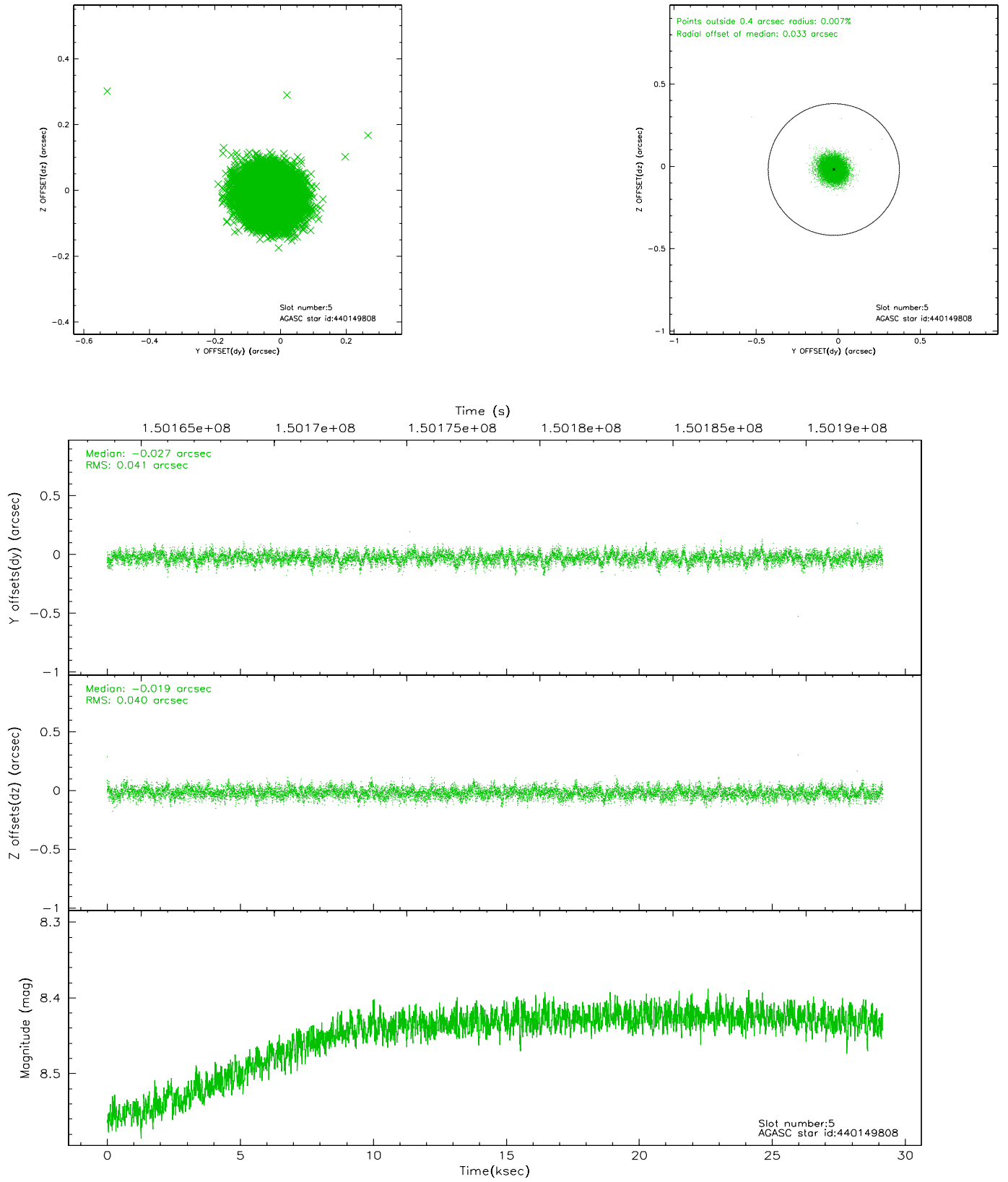
2.4.1 Slot 3



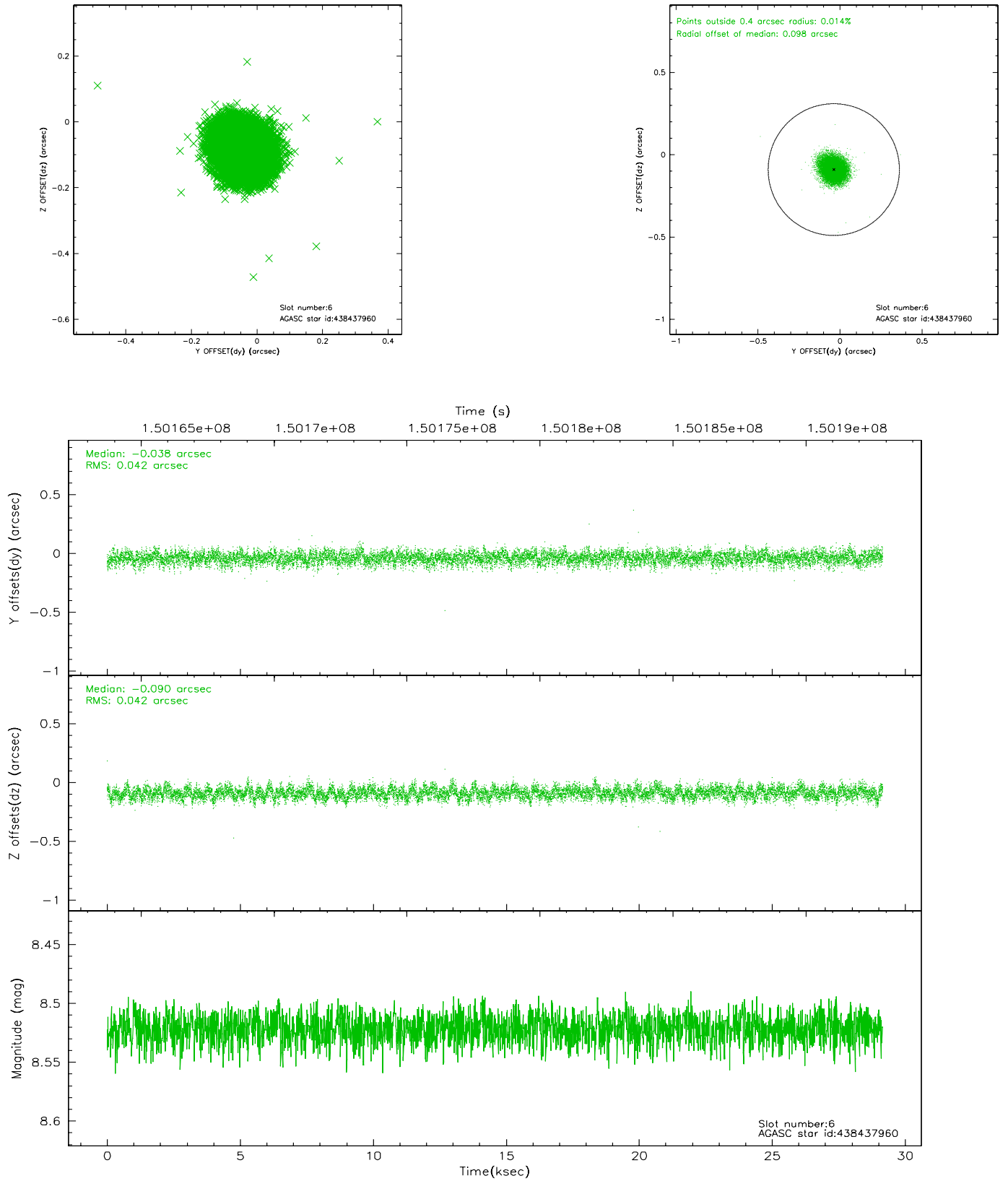
2.4.2 Slot 4



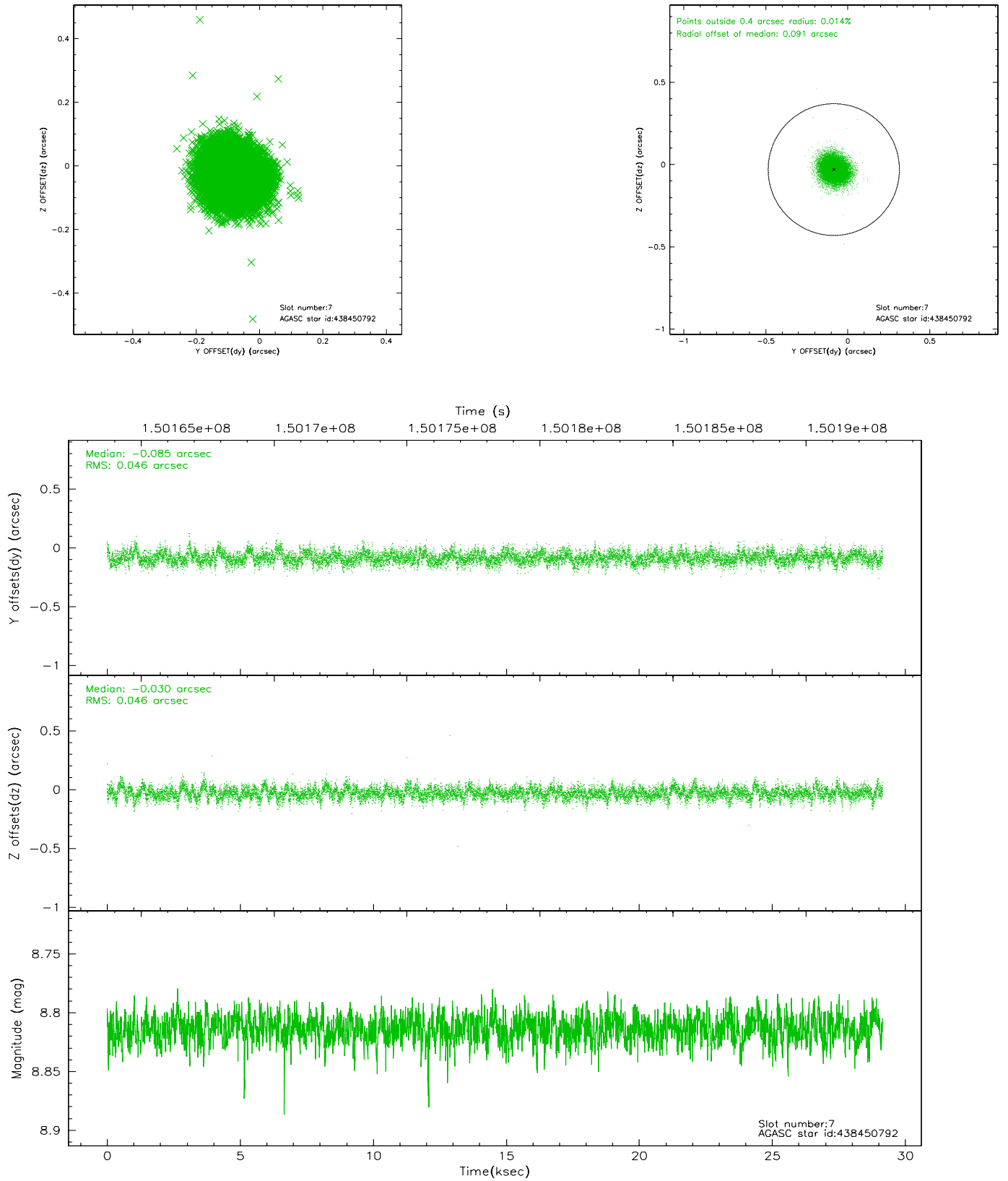
2.4.3 Slot 5



2.4.4 Slot 6

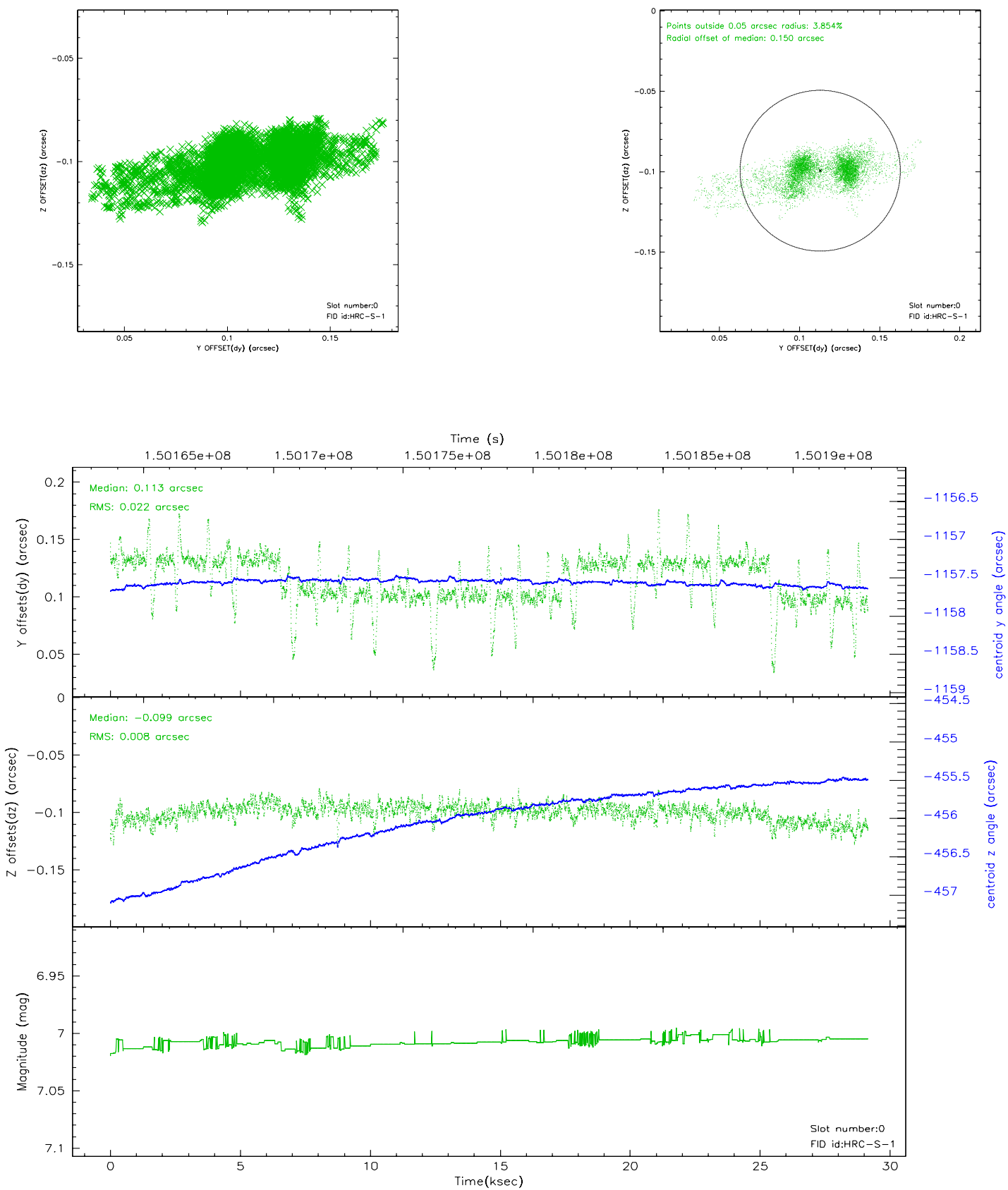


2.4.5 Slot 7

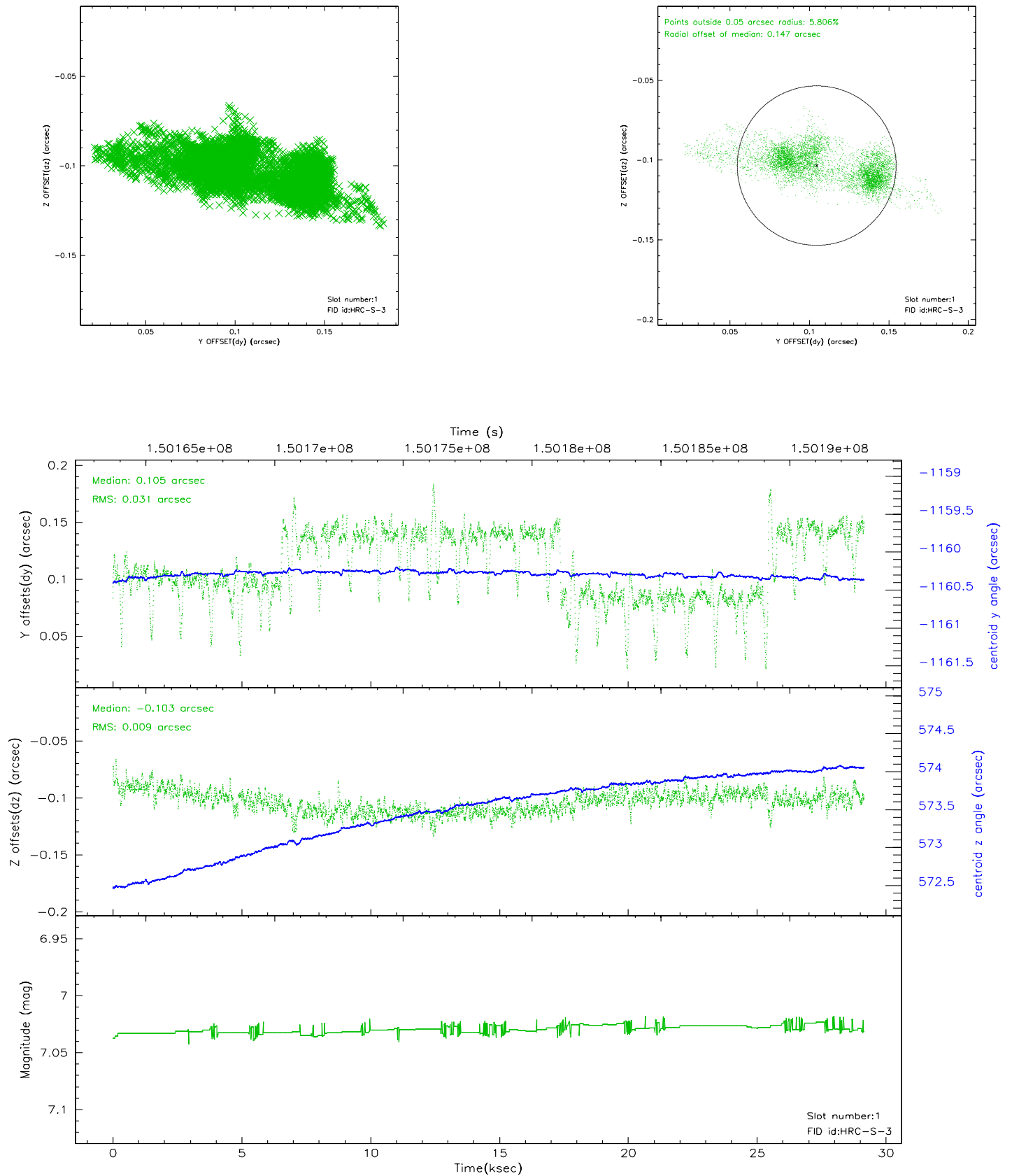


2.5 FID Slots

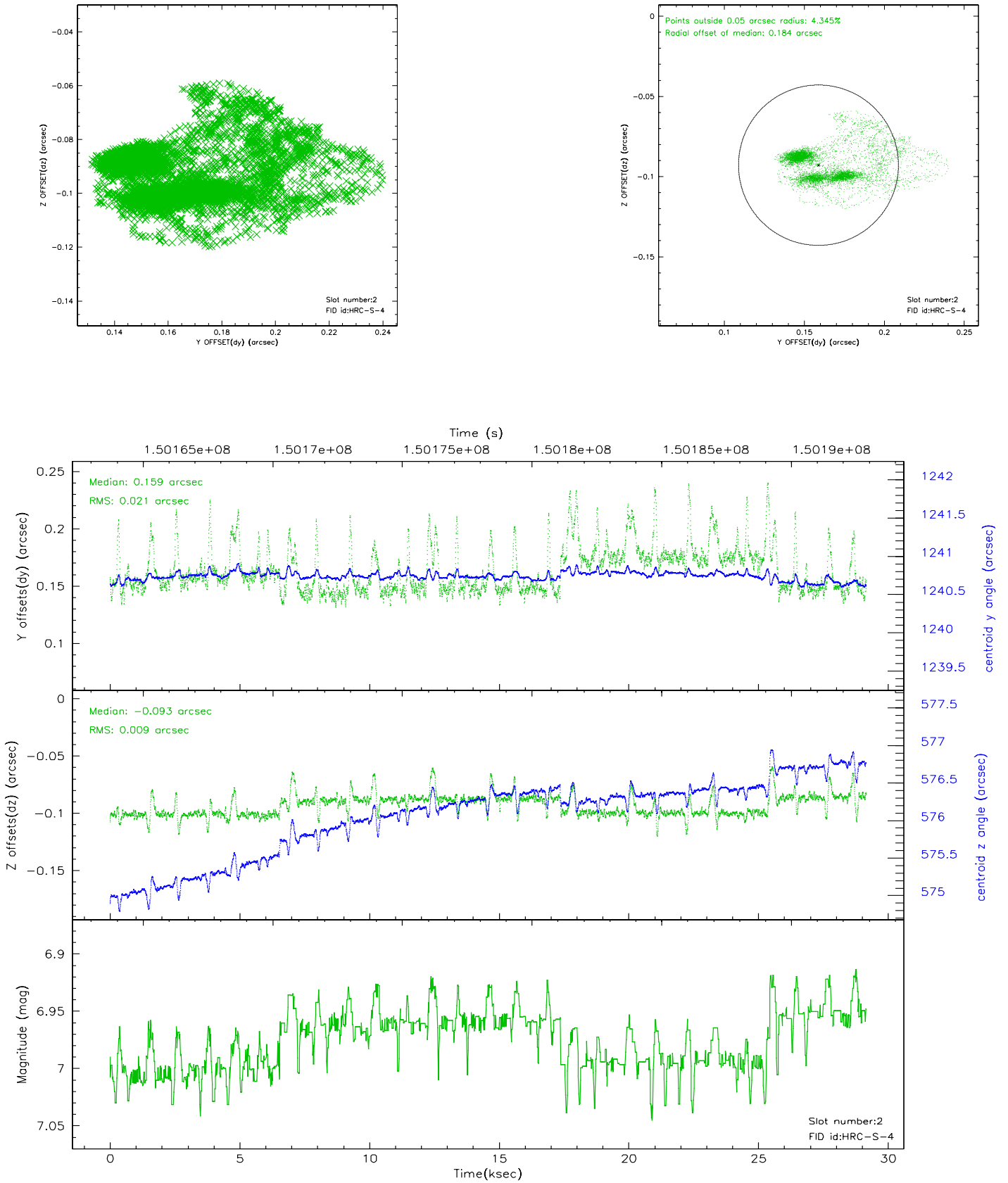
2.5.1 Slot 0



2.5.2 Slot 1

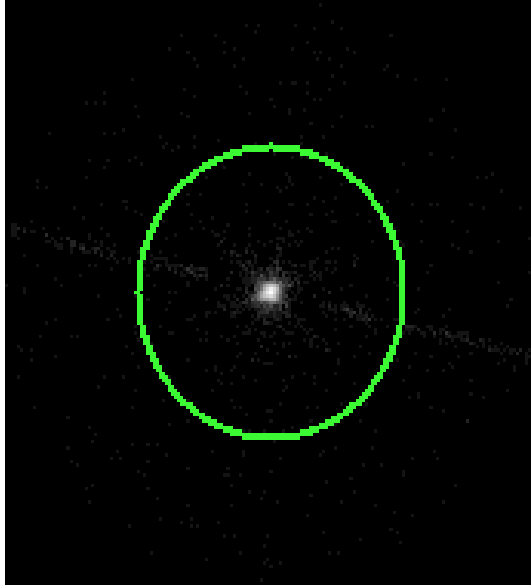


2.5.3 Slot 2



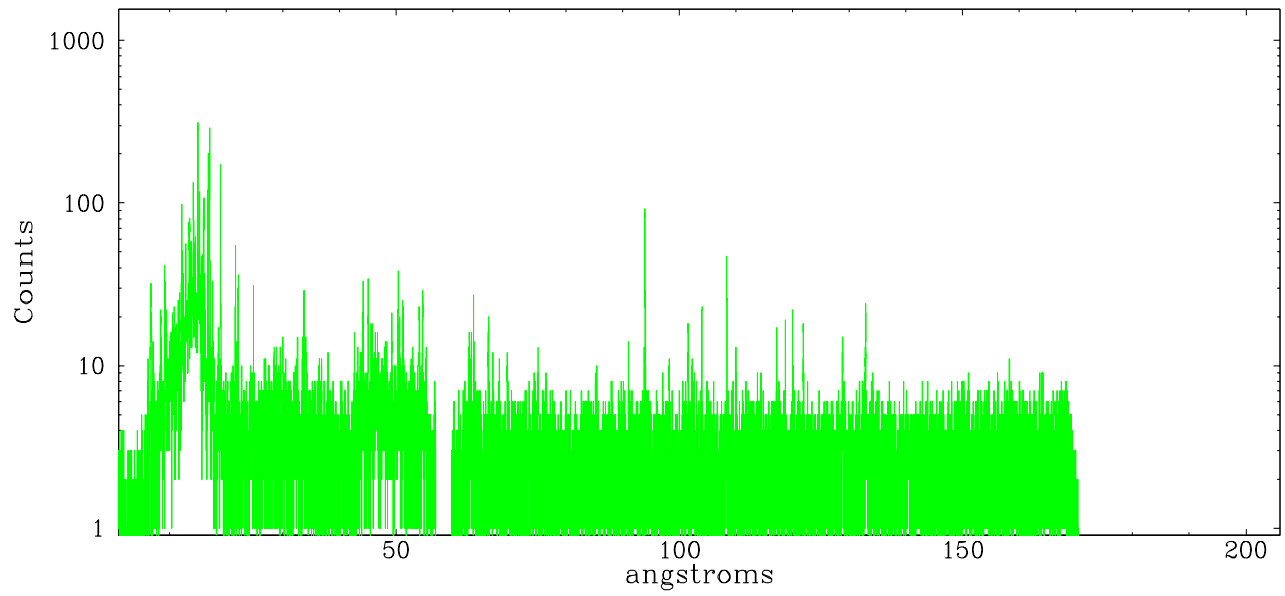
3 Gratings

3.1 LETG Arm

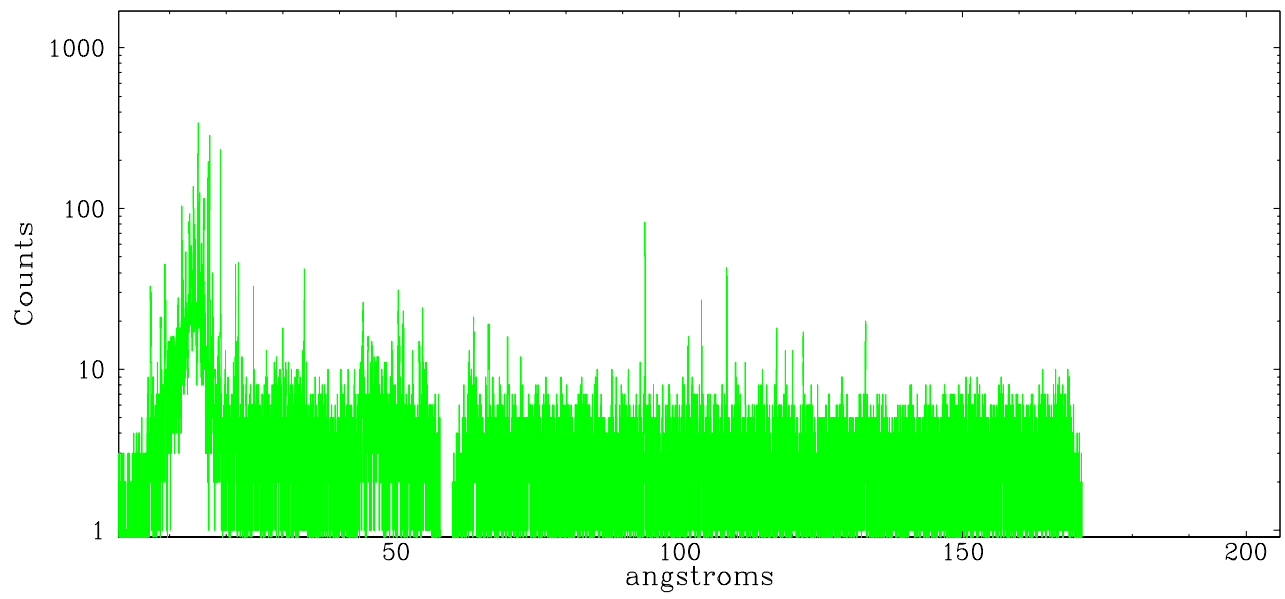


LETG Zero Order

leg order -1



leg order +1



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.832

A.2 Comments