

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3479 - L2 Version 001
Chandra X-Ray Center

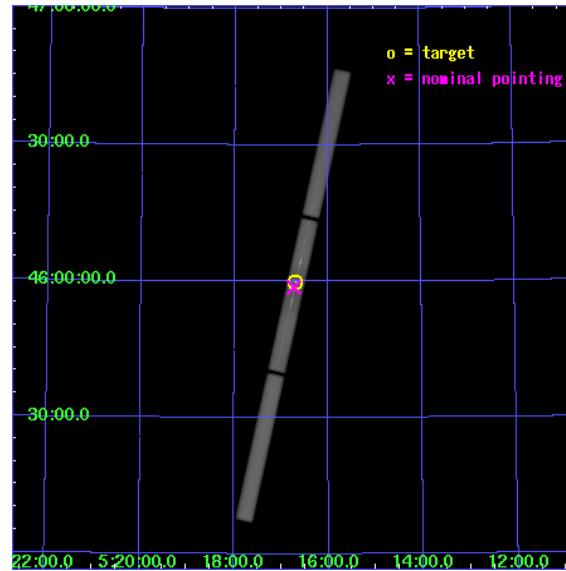
L2 Processing Date : Oct 5 2006

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1 Front

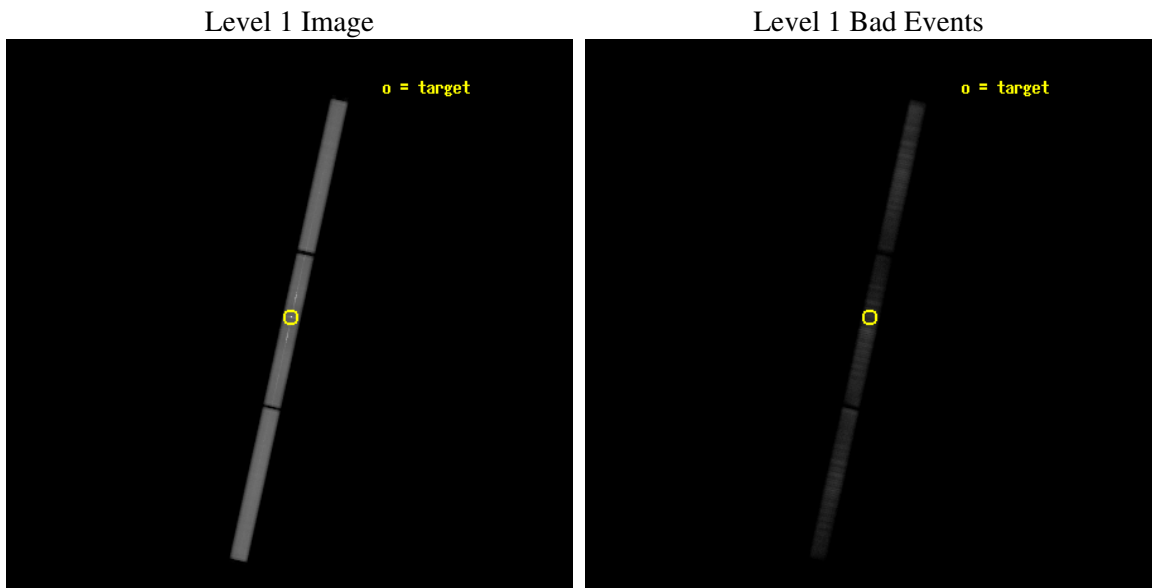
seq_num	290227
obs_id	3479
title	SUPPLEMENTAL CALIBRATION OBSERVATIONS OF CAPELLA
observer	Dr. CXC Calibration
object	CAPELLA
ra_targ	79.17625
dec_targ	45.997889
ra_nom	79.182742017832
dec_nom	45.978086963839
roll_nom	102.50906686284
revision	2
ontime	30379.207508355
livetime	29931.784481312
l2events	3308668



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	4
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-05T20:55:32
revision	2

sched_exp_time	30218.546000
ontime	30380.232508391
l1events	4101700

2.1.3 Events

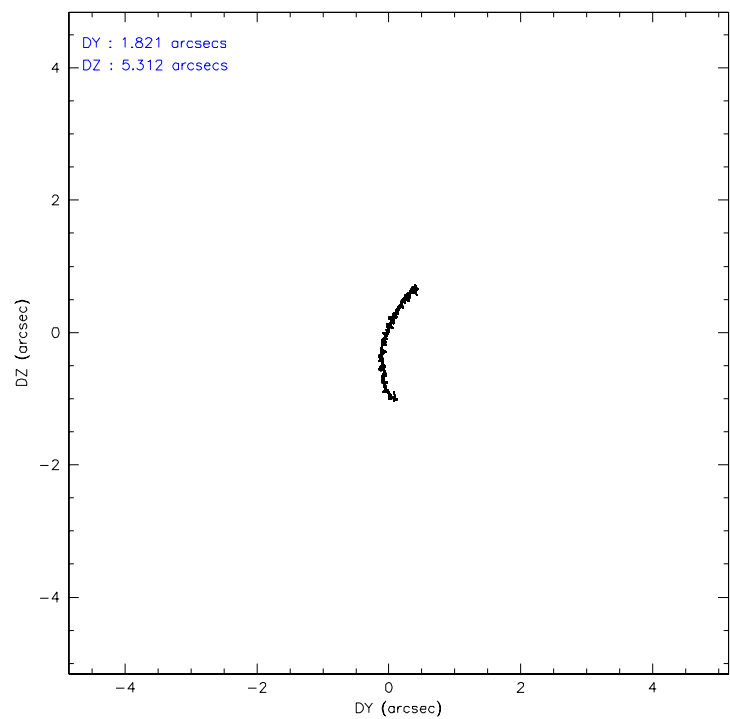
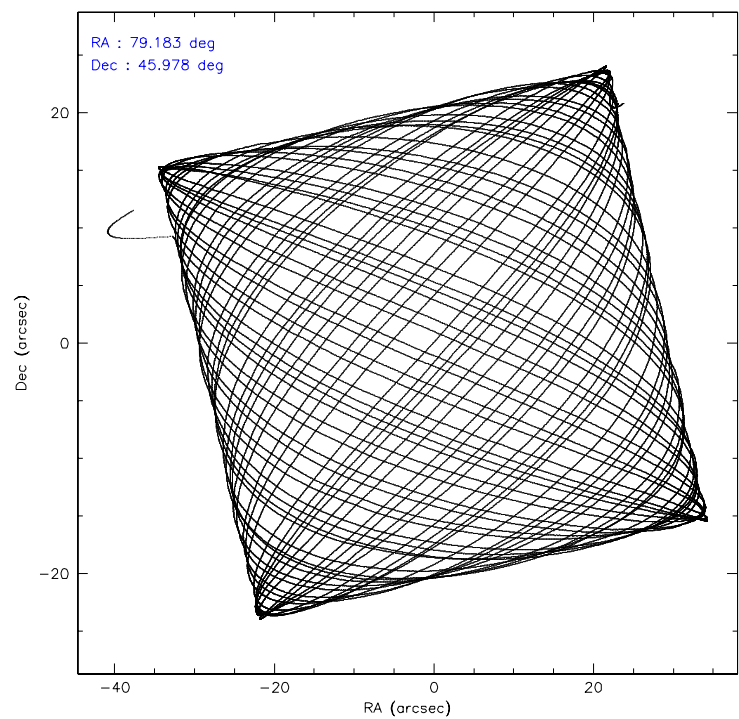
Level 1 Events

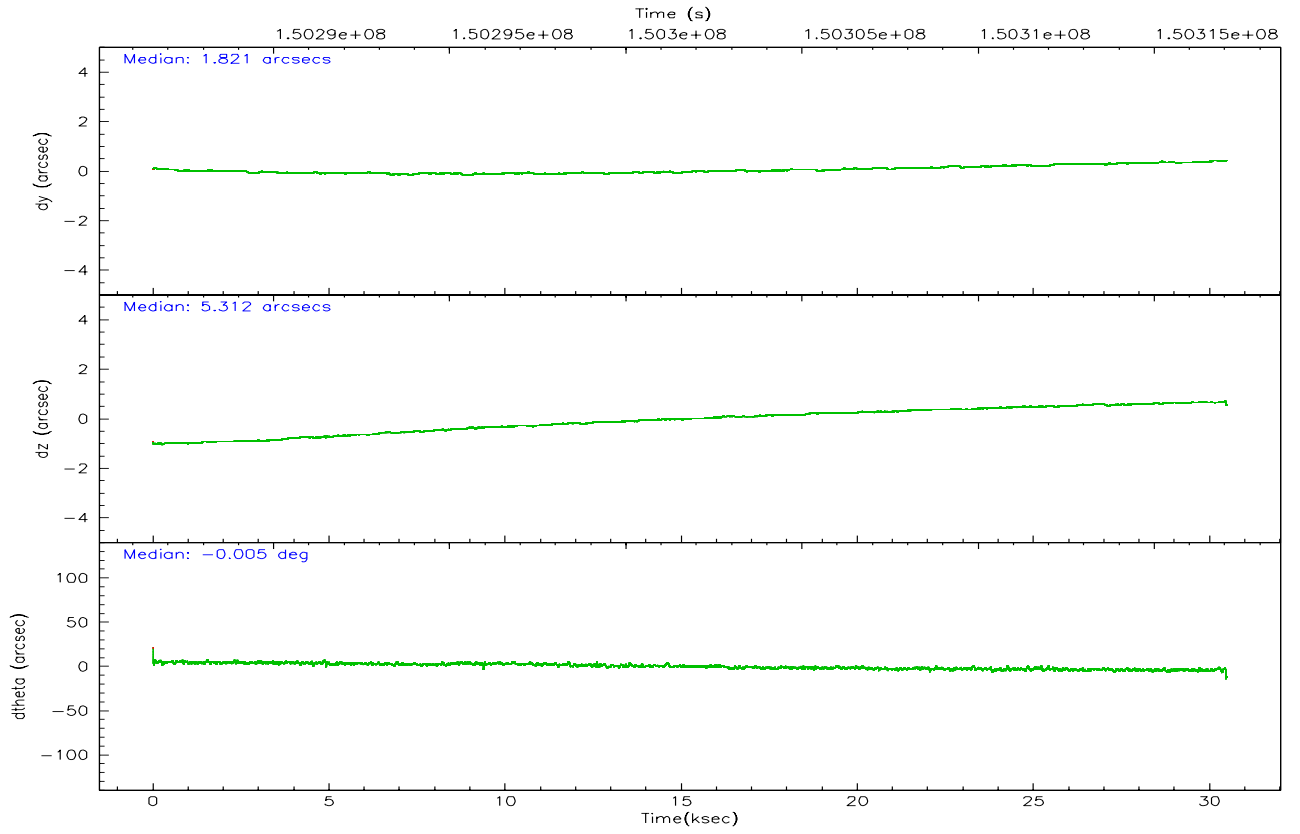
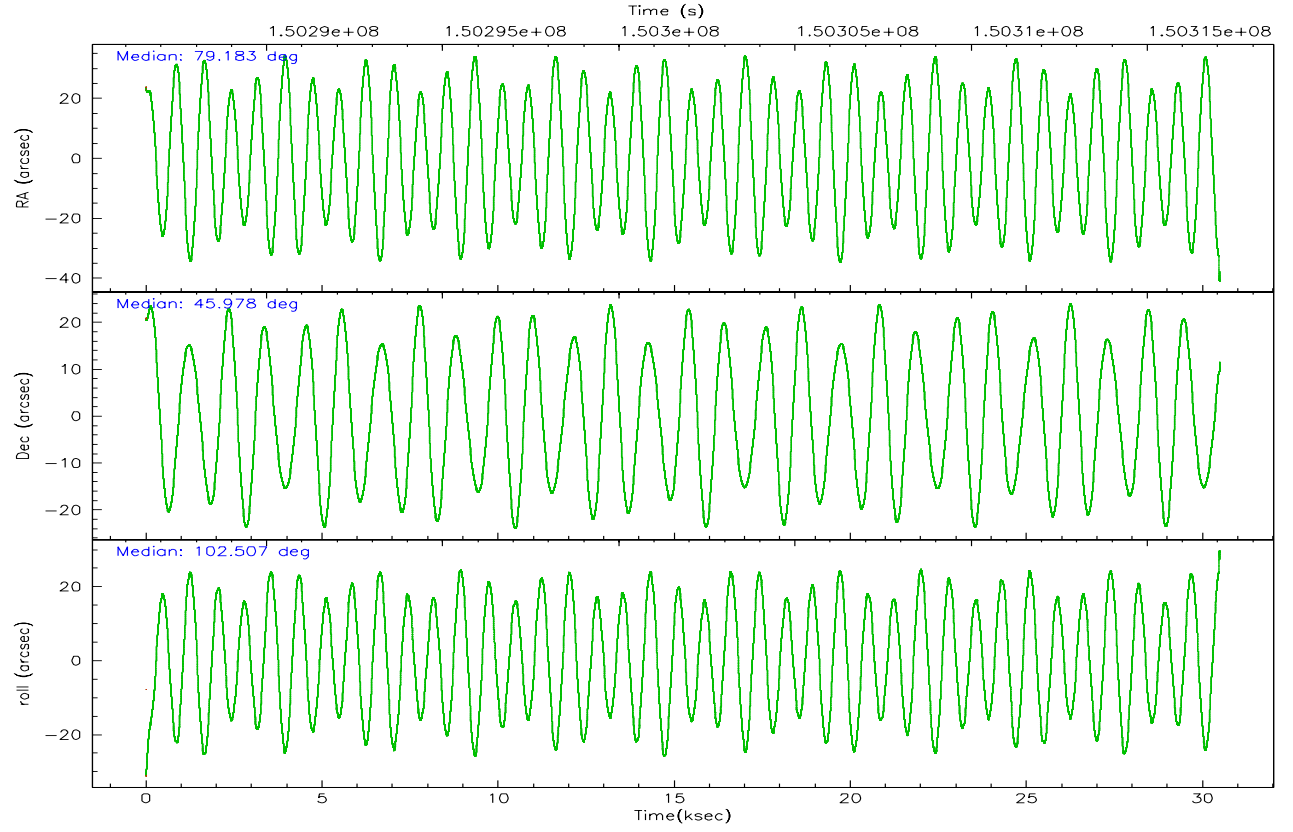
	segment 1	segment 2	segment 3
level 1 events	1456847	1366857	1277996
rejected events	165400	175756	207194
rejected %	11%	12%	16%

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	79.212006	79.1827420178322			
Pointing Dec	45.957965	45.97808696383886			
Pointing Roll	102.420695	102.5090668628389			
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	150286740.184000	150285782.24339			
Observation start date	2002-10-06T10:17:56	2002-10-06T10:03:02			
Observation end time	150316959.184000	150318609.91975			
Observation end date	2002-10-06T18:41:35	2002-10-06T19:10:09			

2.3 Aspect



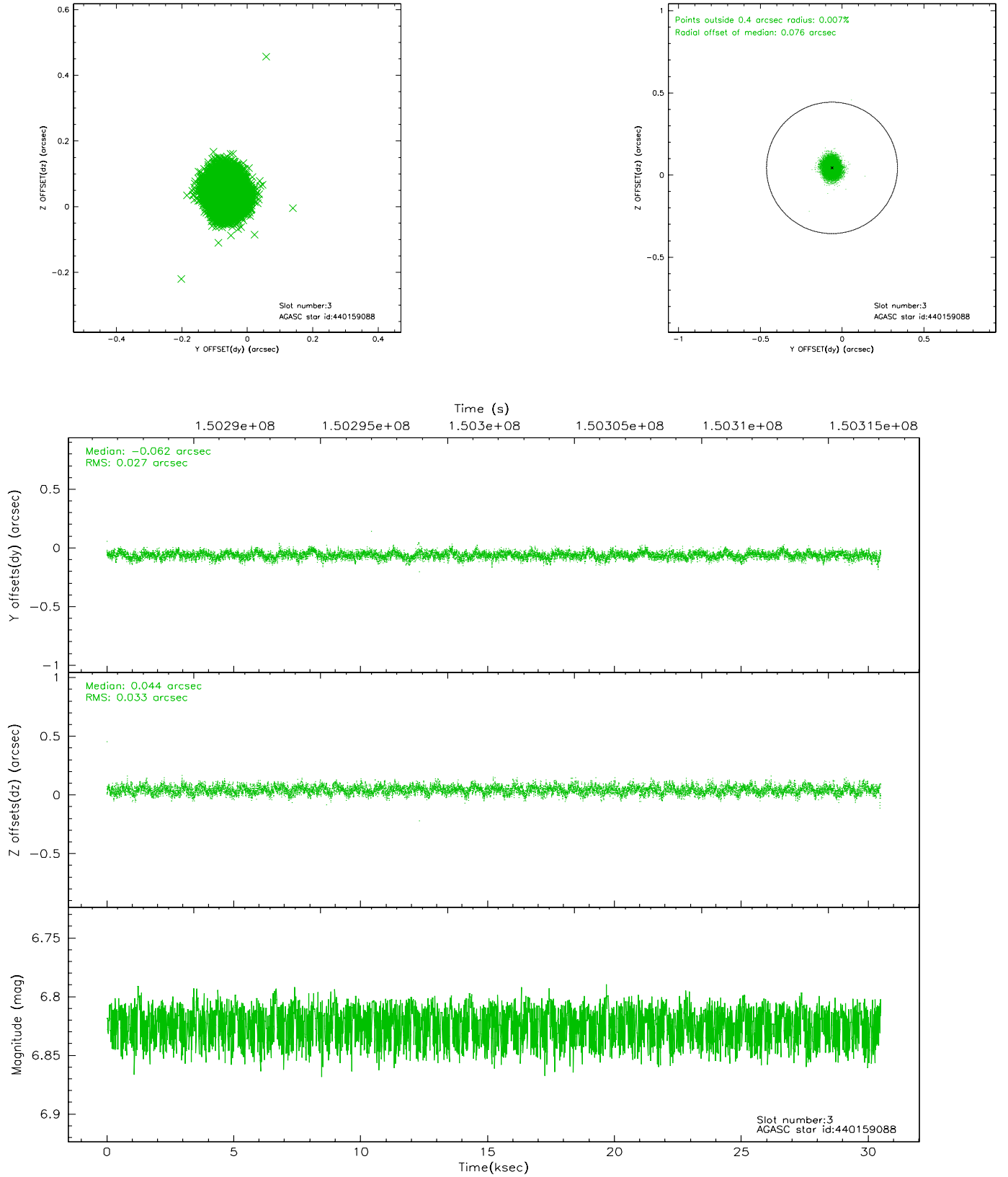


Slot Statistics

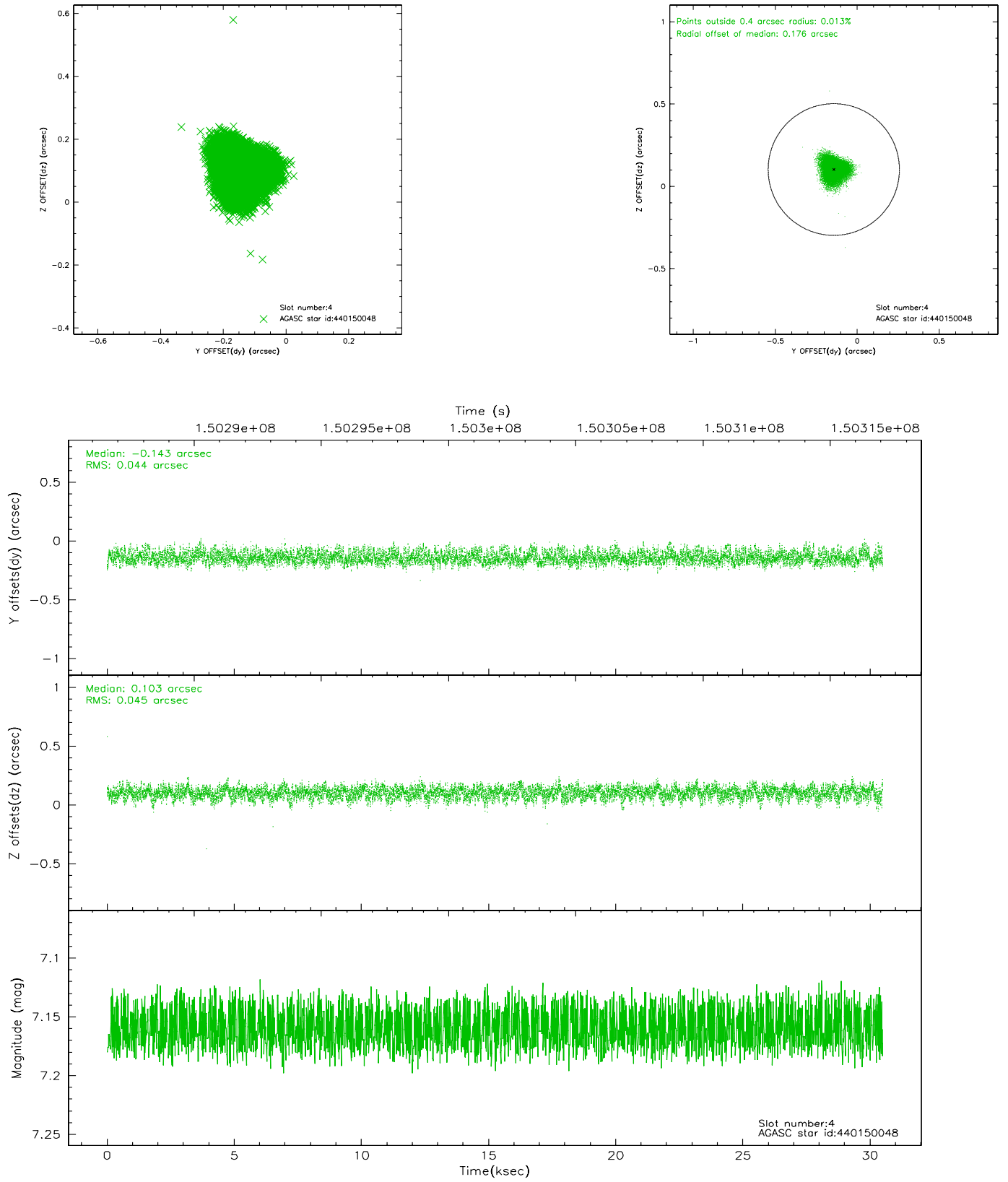
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	7434	0.108	-0.163	0.018	0.027	0.000000	0.000000	-1155.91	-453.80
1	FID	HRC-S-3	7.01	7430	0.143	-0.043	0.015	0.026	0.000000	0.000000	-1158.77	575.78
2	FID	HRC-S-4	6.94	7429	0.136	-0.091	0.013	0.027	0.000000	0.000000	1242.21	578.48
3	GUIDE	440159088	6.82	14876	-0.062	0.044	0.045	0.073	79.453034	46.128063	468.59	-718.71
4	GUIDE	440150048	7.16	14876	-0.143	0.103	0.068	0.105	79.112838	46.416060	1662.59	-113.84
5	GUIDE	440158344	7.92	14876	0.140	-0.154	0.058	0.092	79.344888	45.394991	-2052.13	107.93
6	GUIDE	438437960	8.52	14874	-0.045	-0.153	0.057	0.092	78.069023	46.438843	2319.44	2392.95
7	GUIDE	440145944	9.09	14872	0.112	0.161	0.077	0.126	80.083717	45.428844	-2322.87	-1743.09

2.4 Star Slots

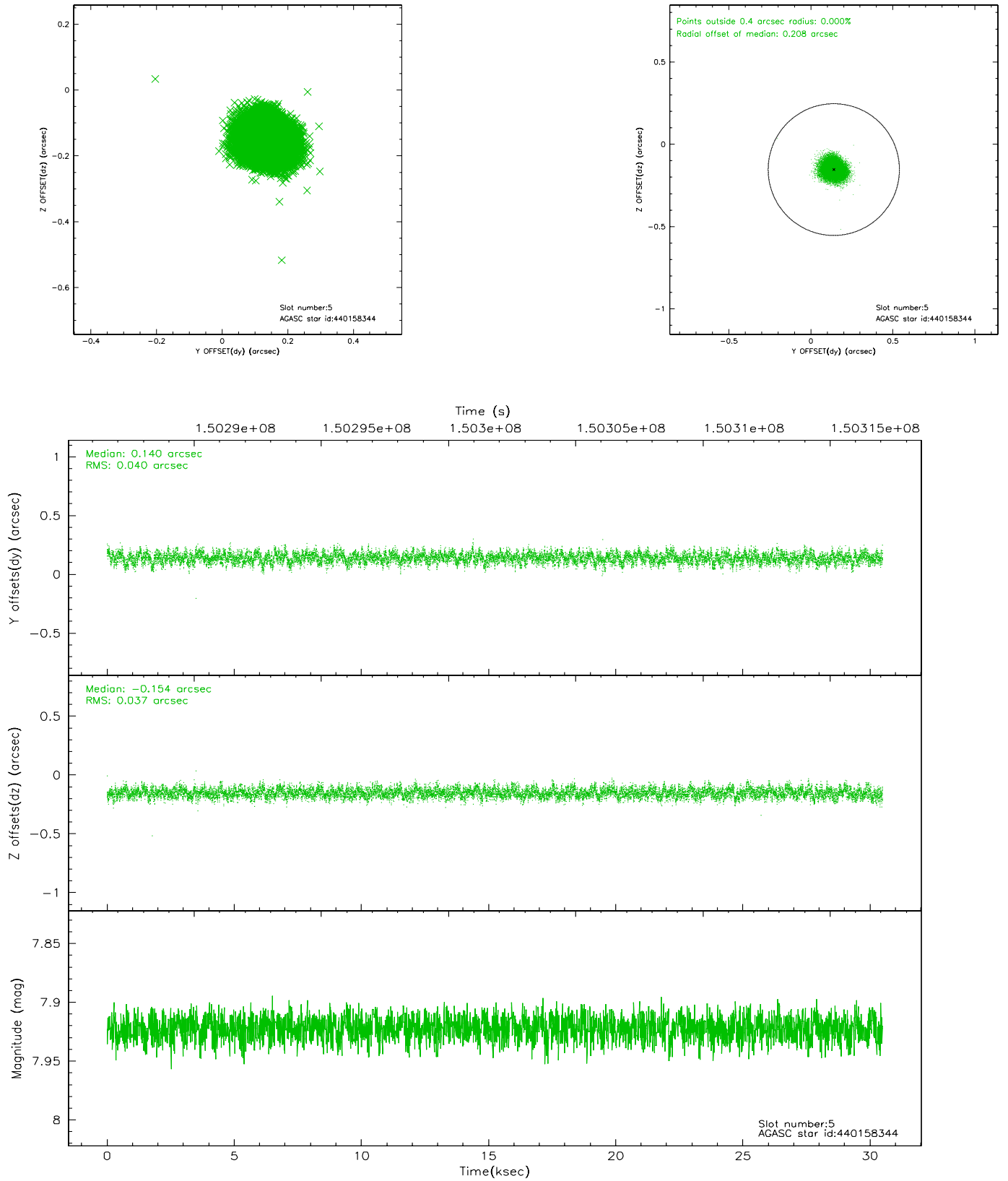
2.4.1 Slot 3



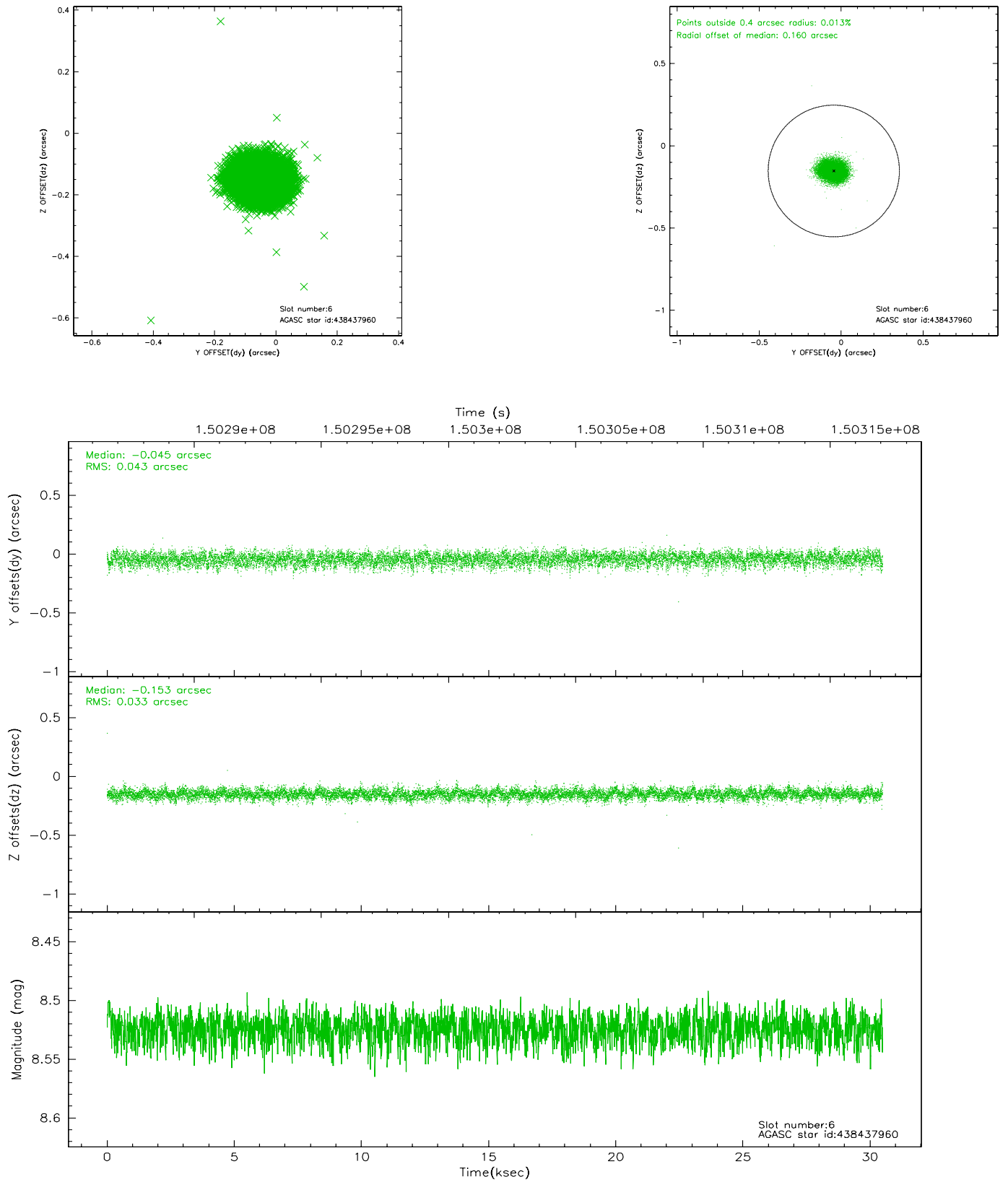
2.4.2 Slot 4



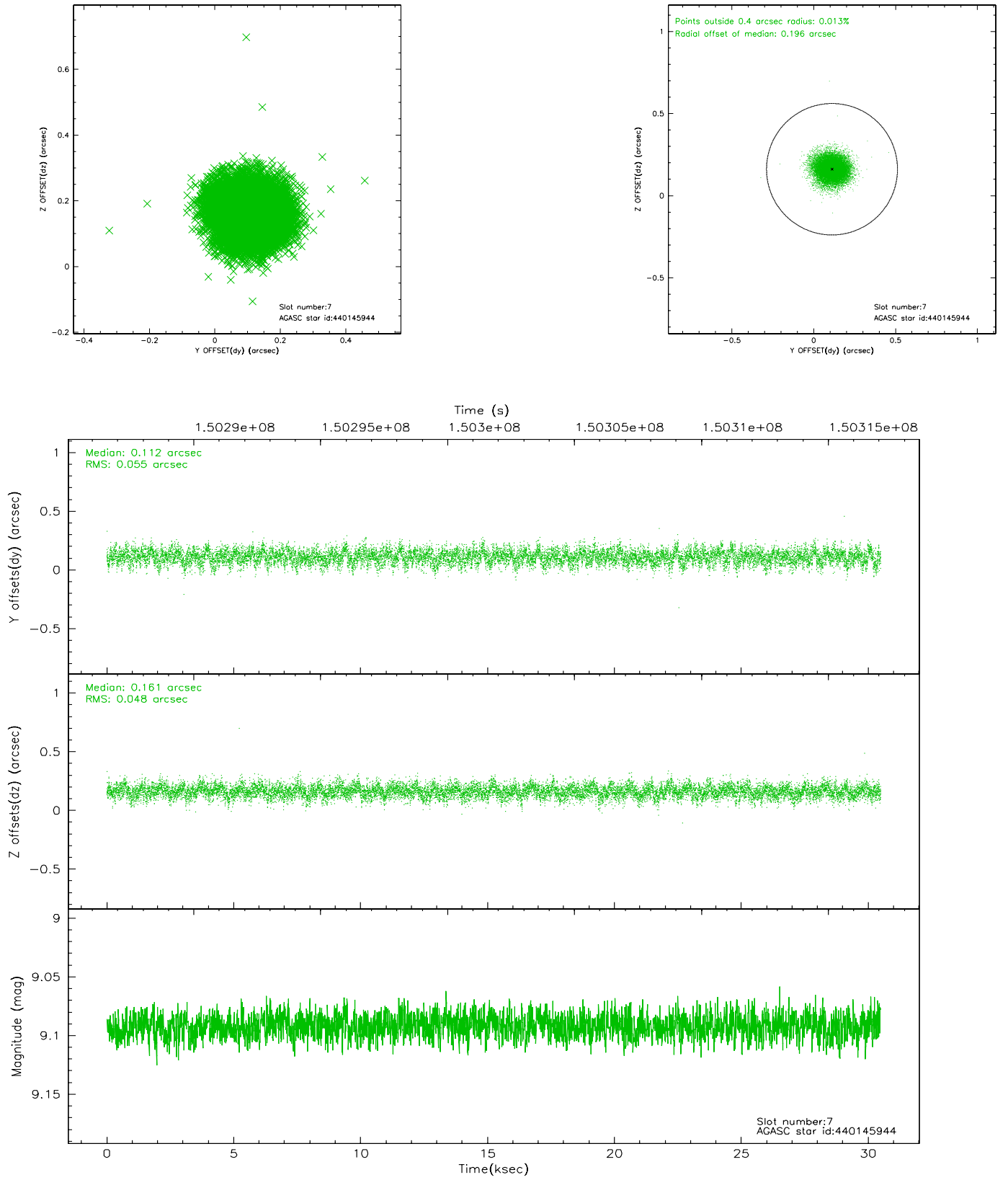
2.4.3 Slot 5



2.4.4 Slot 6

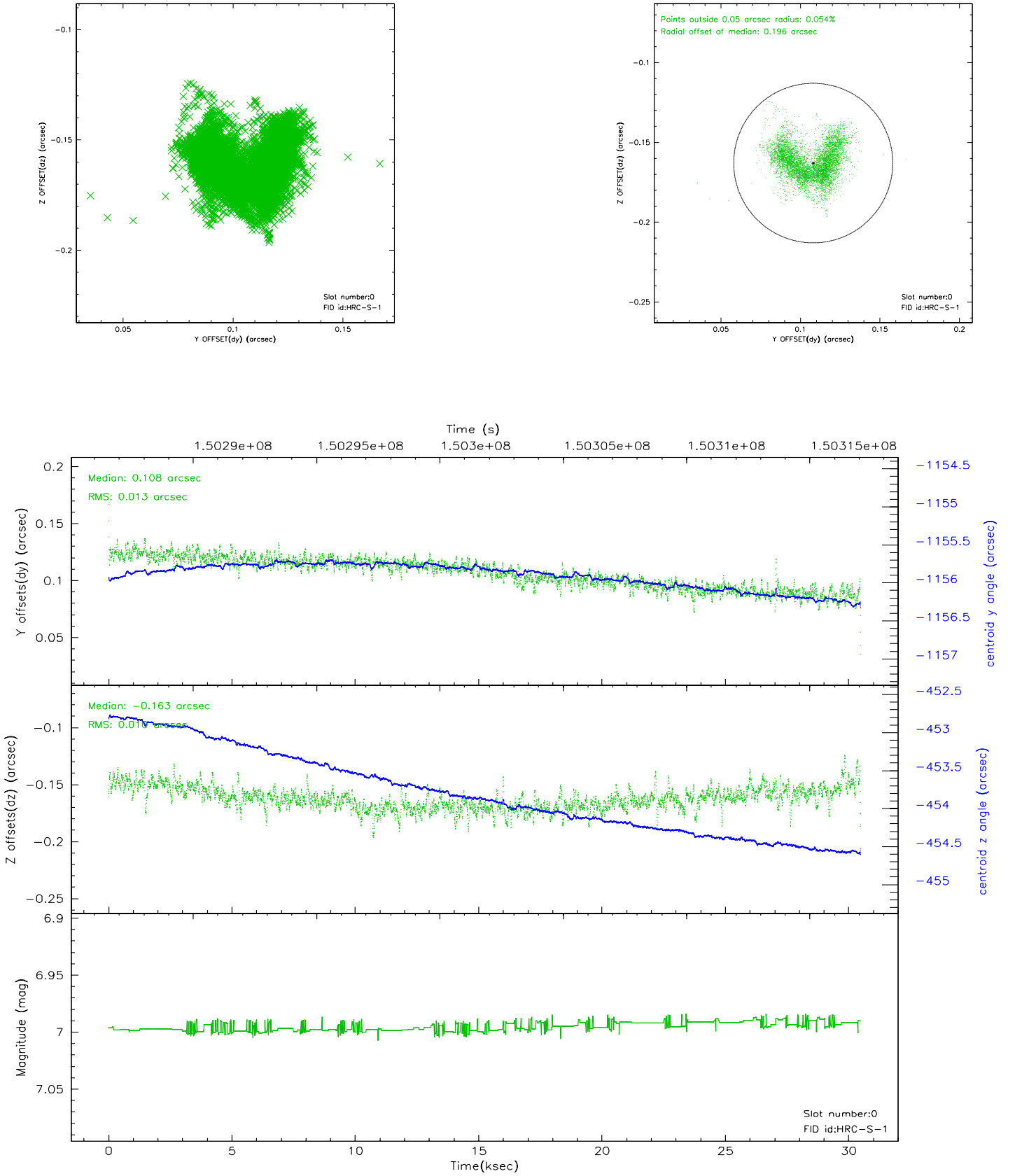


2.4.5 Slot 7

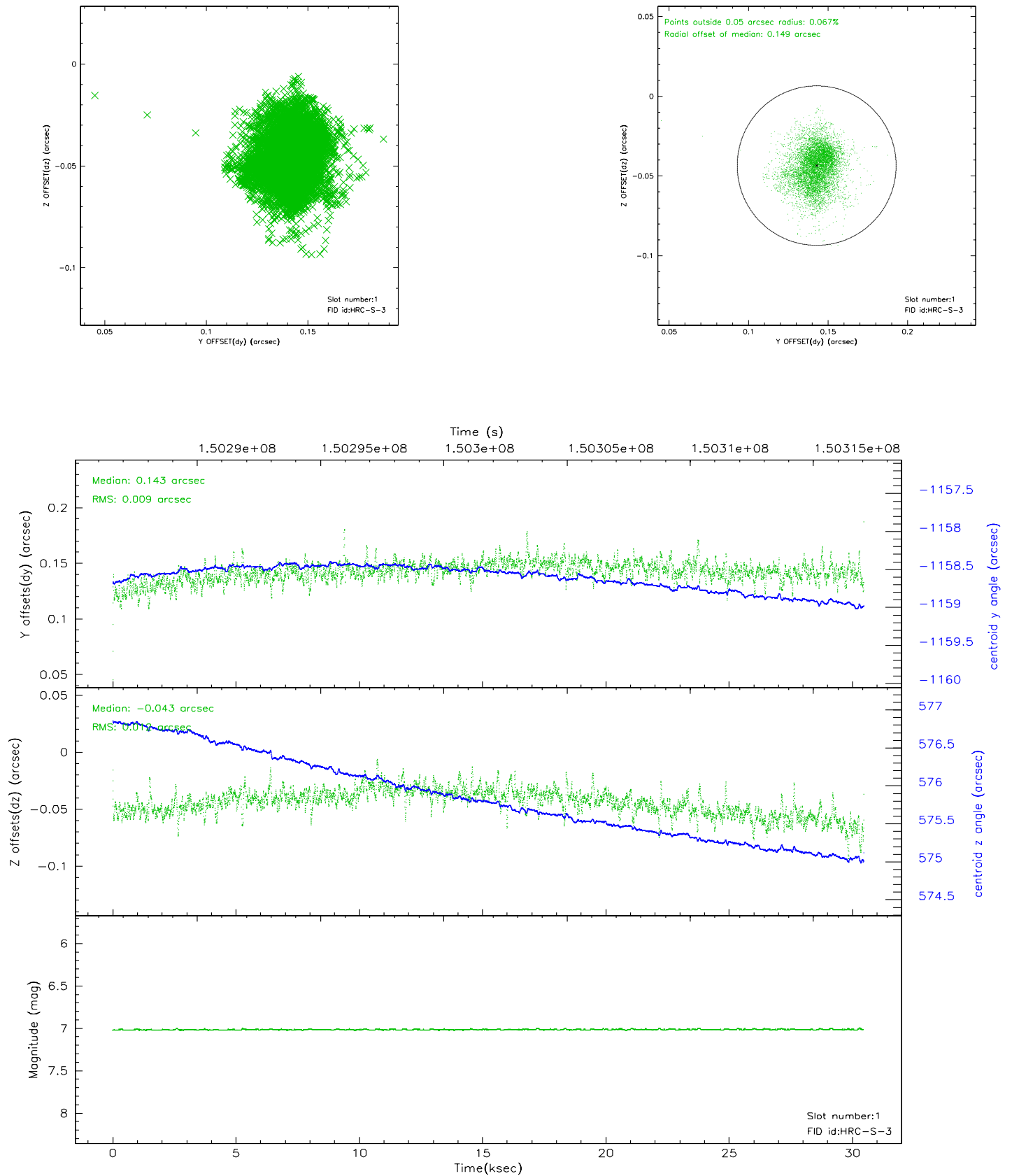


2.5 FID Slots

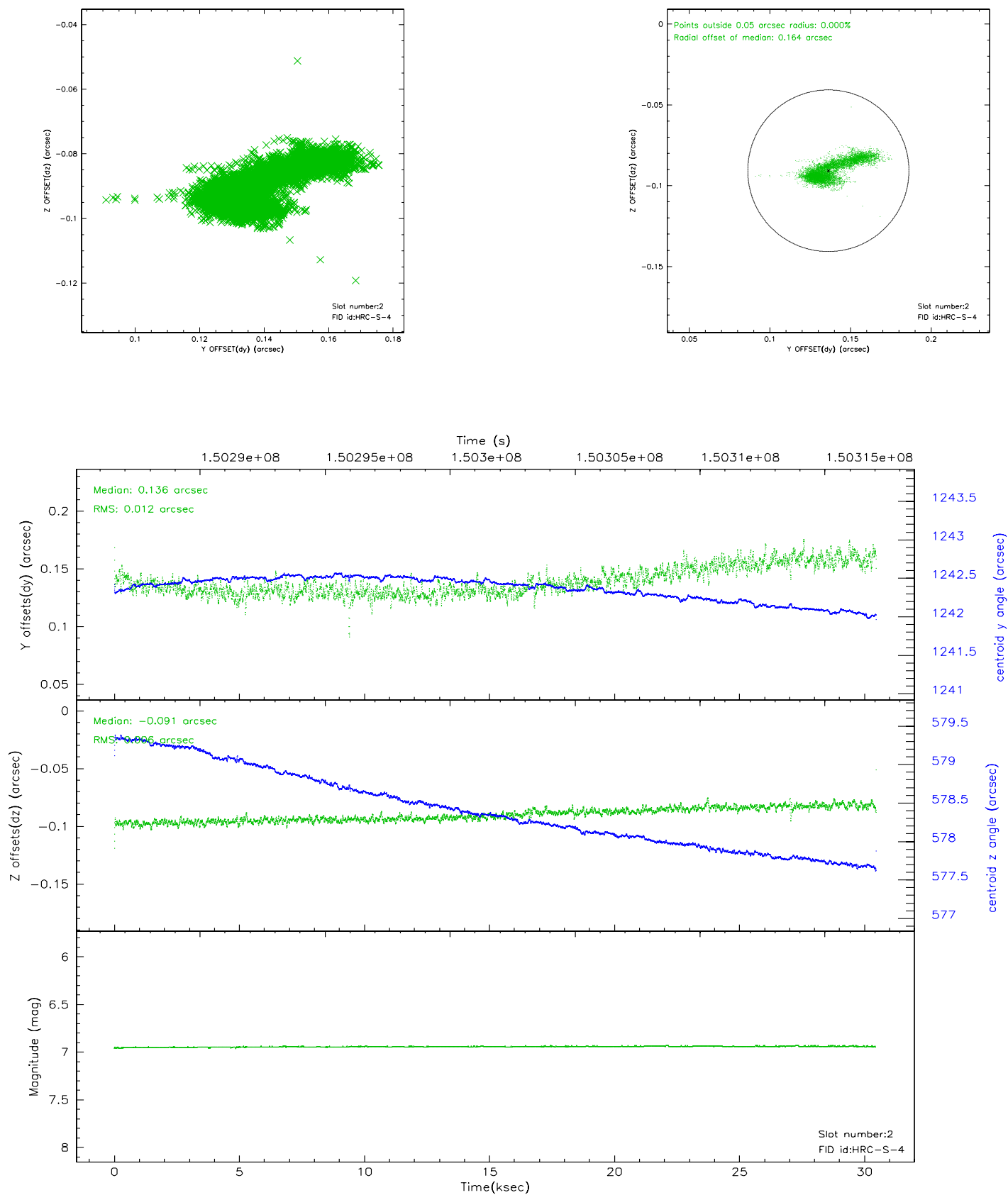
2.5.1 Slot 0



2.5.2 Slot 1

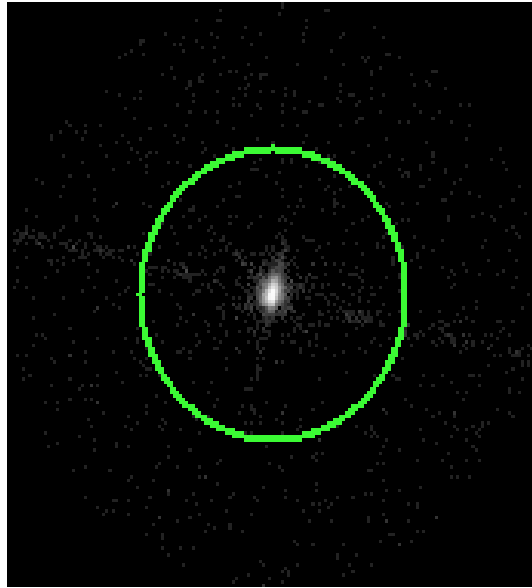


2.5.3 Slot 2



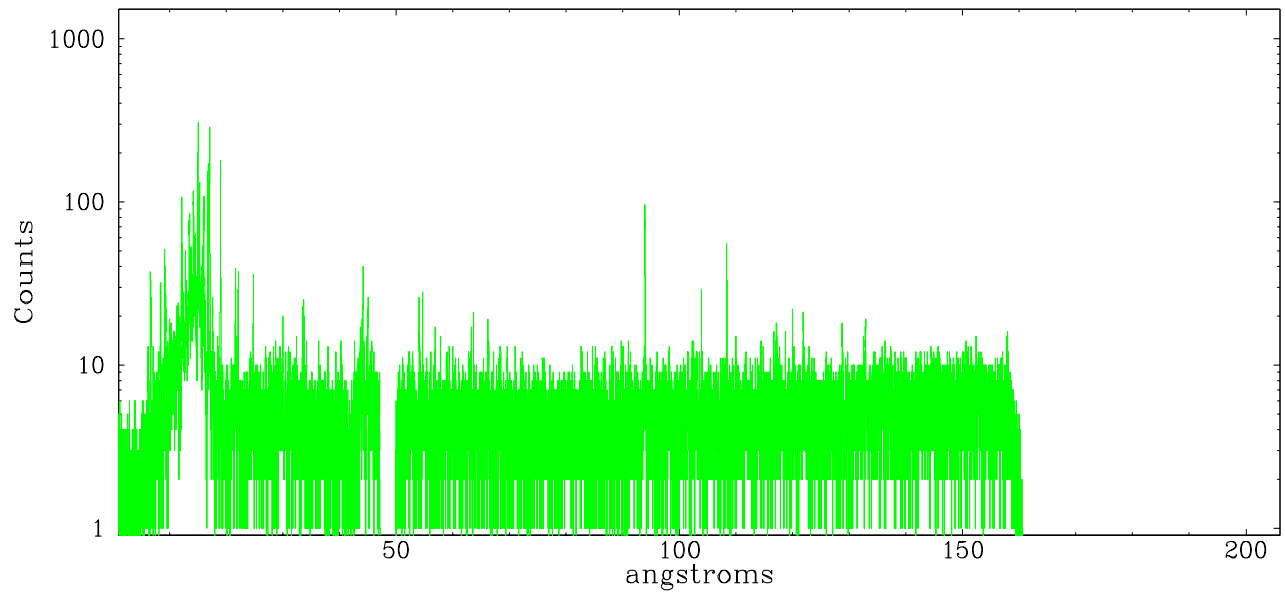
3 Gratings

3.1 LETG Arm

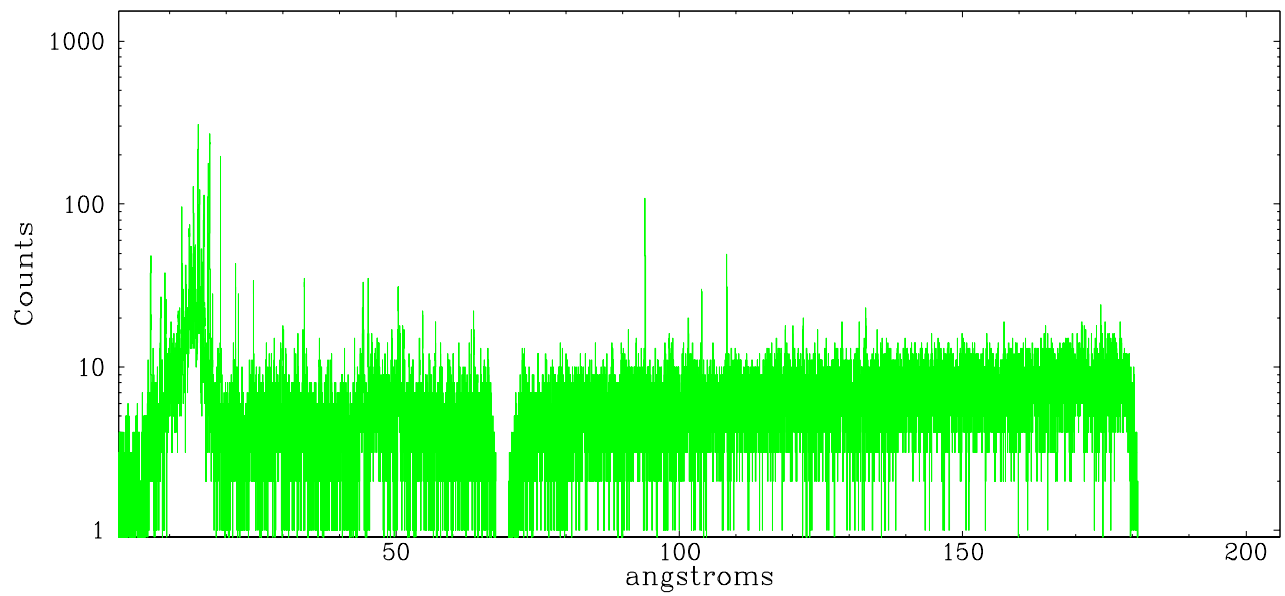


LETG Zero Order

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	30.379

A.2 Comments