

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2462 - L2 Version 001
Chandra X-Ray Center

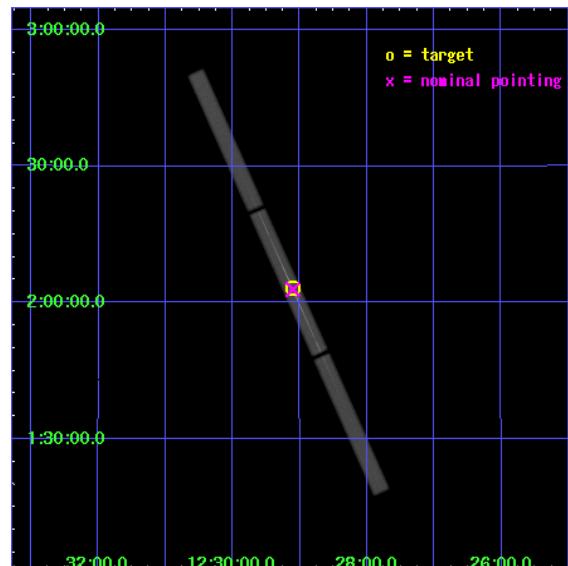
L2 Processing Date : Dec 8 2006

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1 Front

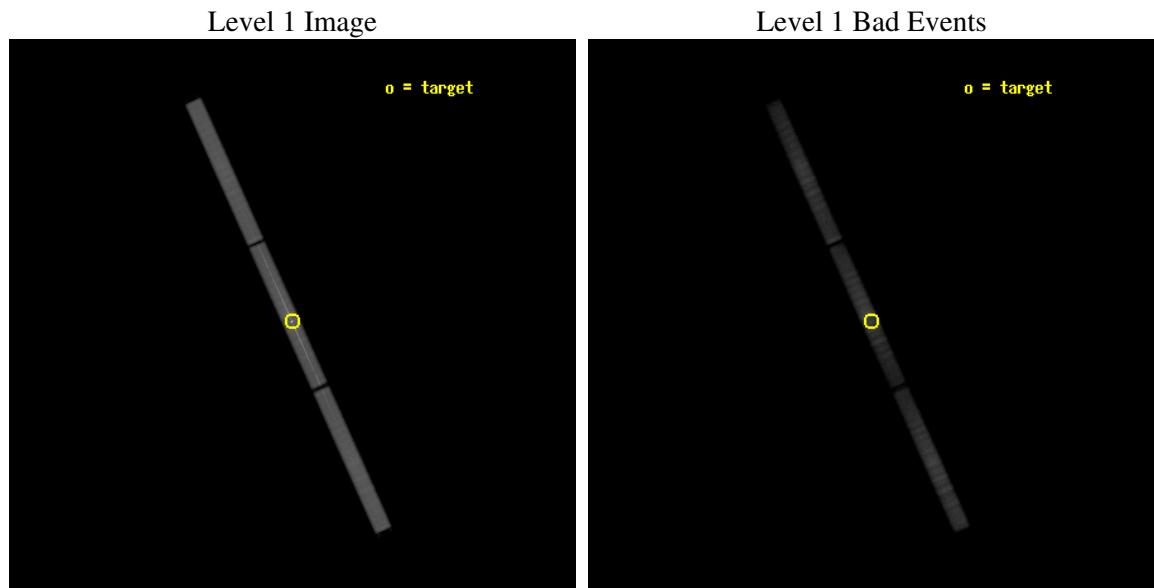
seq_num	790056
obs_id	2462
title	AO3 CALIBRATION OBSERVATIONS OF 3C273
observer	Dr. CXC Calibration
object	3C273
ra_targ	187.277917
dec_targ	2.052389
ra_nom	187.27579265435
dec_nom	2.048148071338
roll_nom	245.69526114169
revision	3
ontime	29854.40741381
livetime	29680.520630451
l2events	1281398



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-08T05:49:50
revision	3

sched_exp_time	30000.000000
ontime	30162.676175818
l1events	1957517

2.1.3 Events

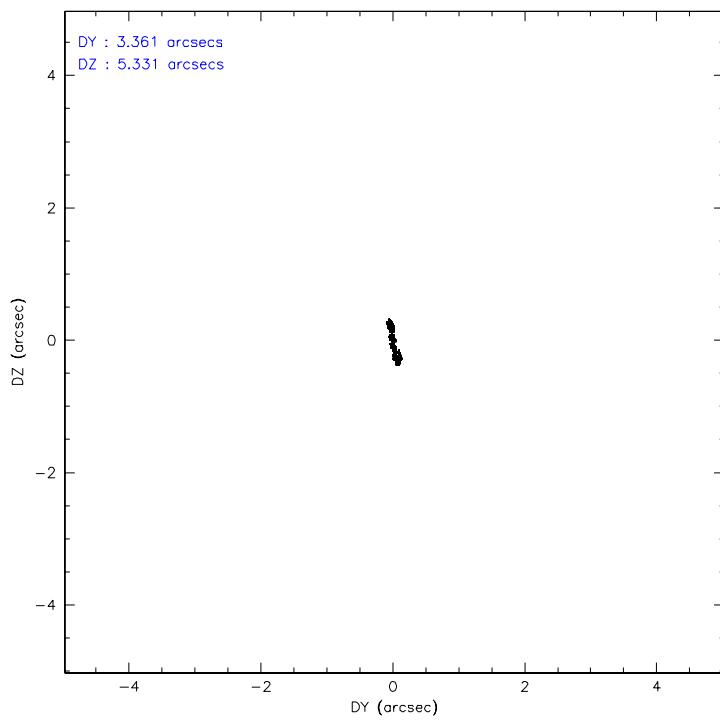
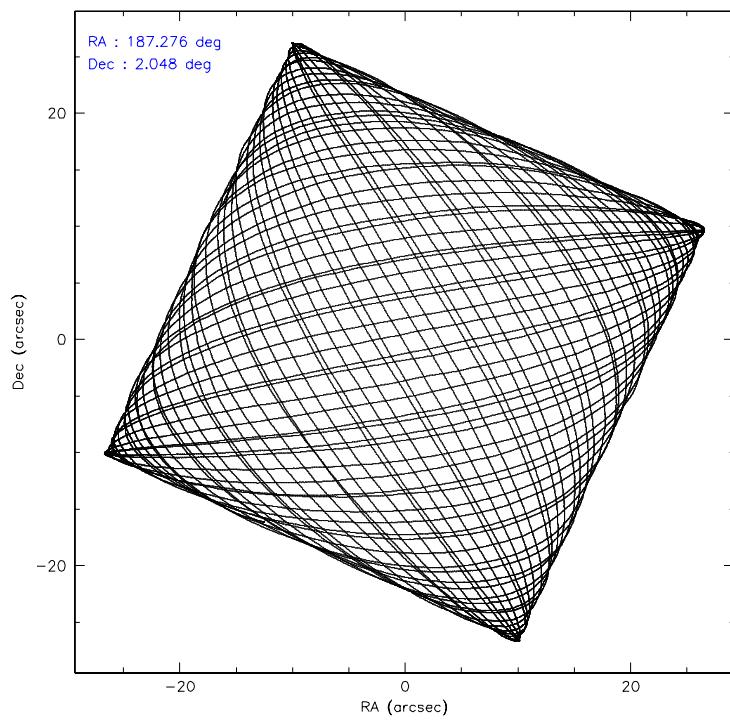
Level 1 Events

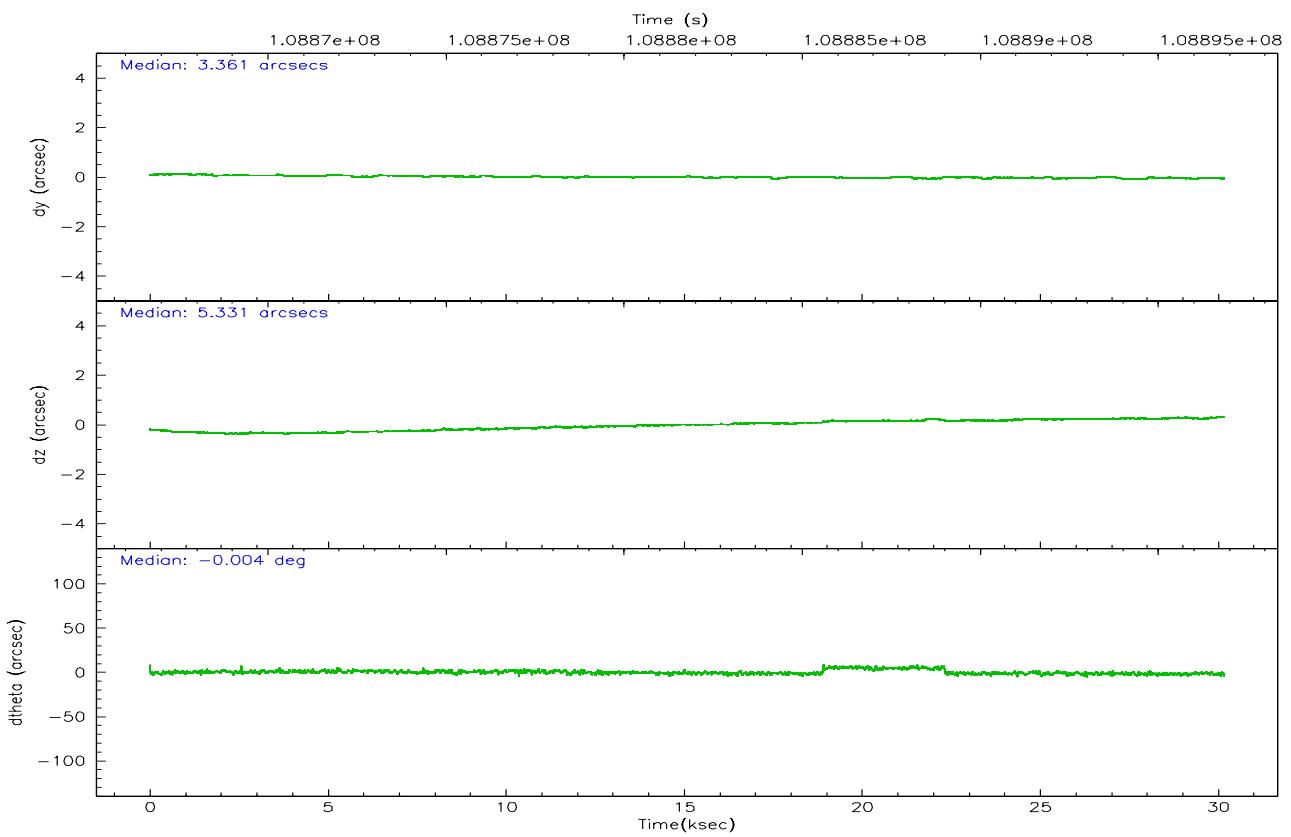
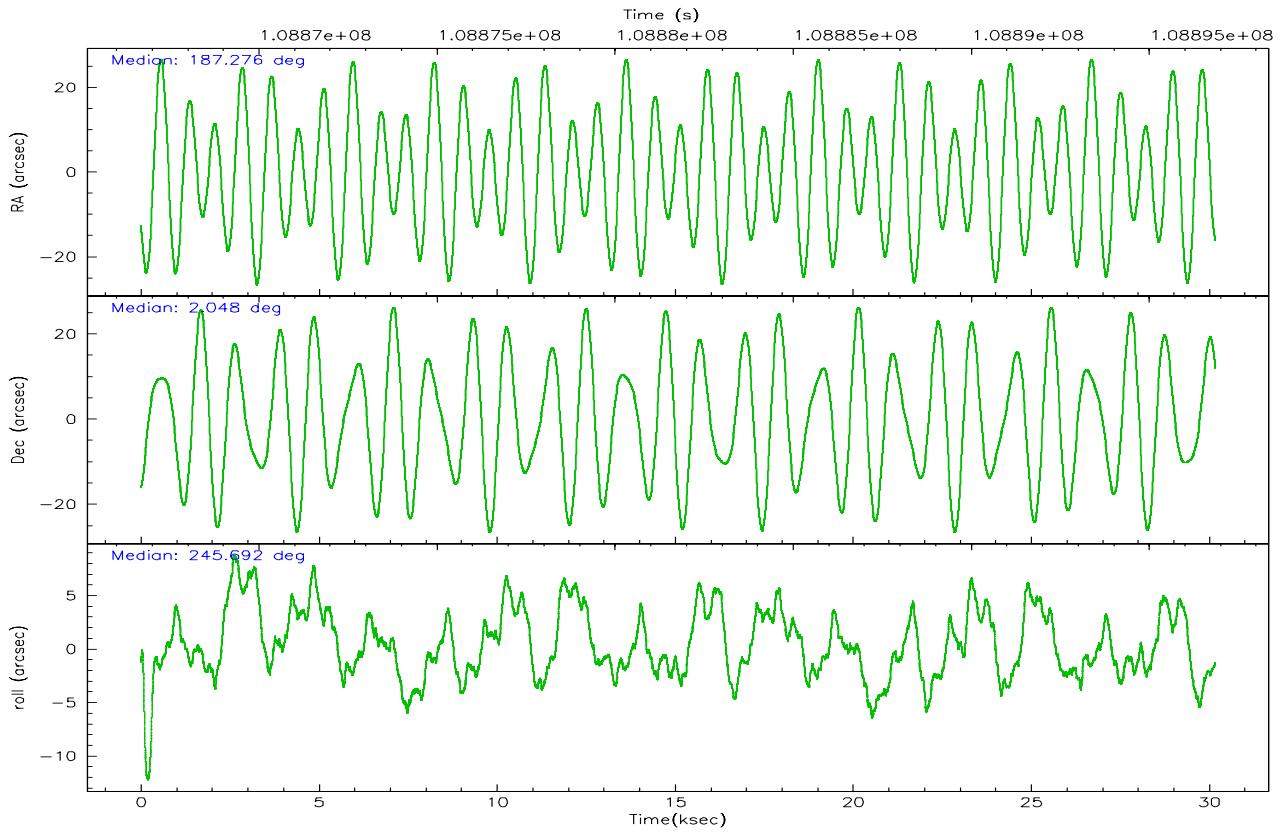
	segment 1	segment 2	segment 3
level 1 events	617971	715244	624302
rejected events	152998	165196	183761
rejected %	24%	23%	29%

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	187.271616	187.2757926543538			
Pointing Dec	2.076461	2.048148071338003			
Pointing Roll	245.628075	245.6952611416858			
Window start time	108792064.184000	108792064.184000			
Window stop time	108936064.184000	108936064.184000			
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	108866849.184000	108866414.12447			
Observation start date	2001-06-14T00:46:25	2001-06-14T00:40:14			
Observation end time	108896849.184000	108897199.48817			
Observation end date	2001-06-14T09:06:25	2001-06-14T09:13:19			

2.3 Aspect





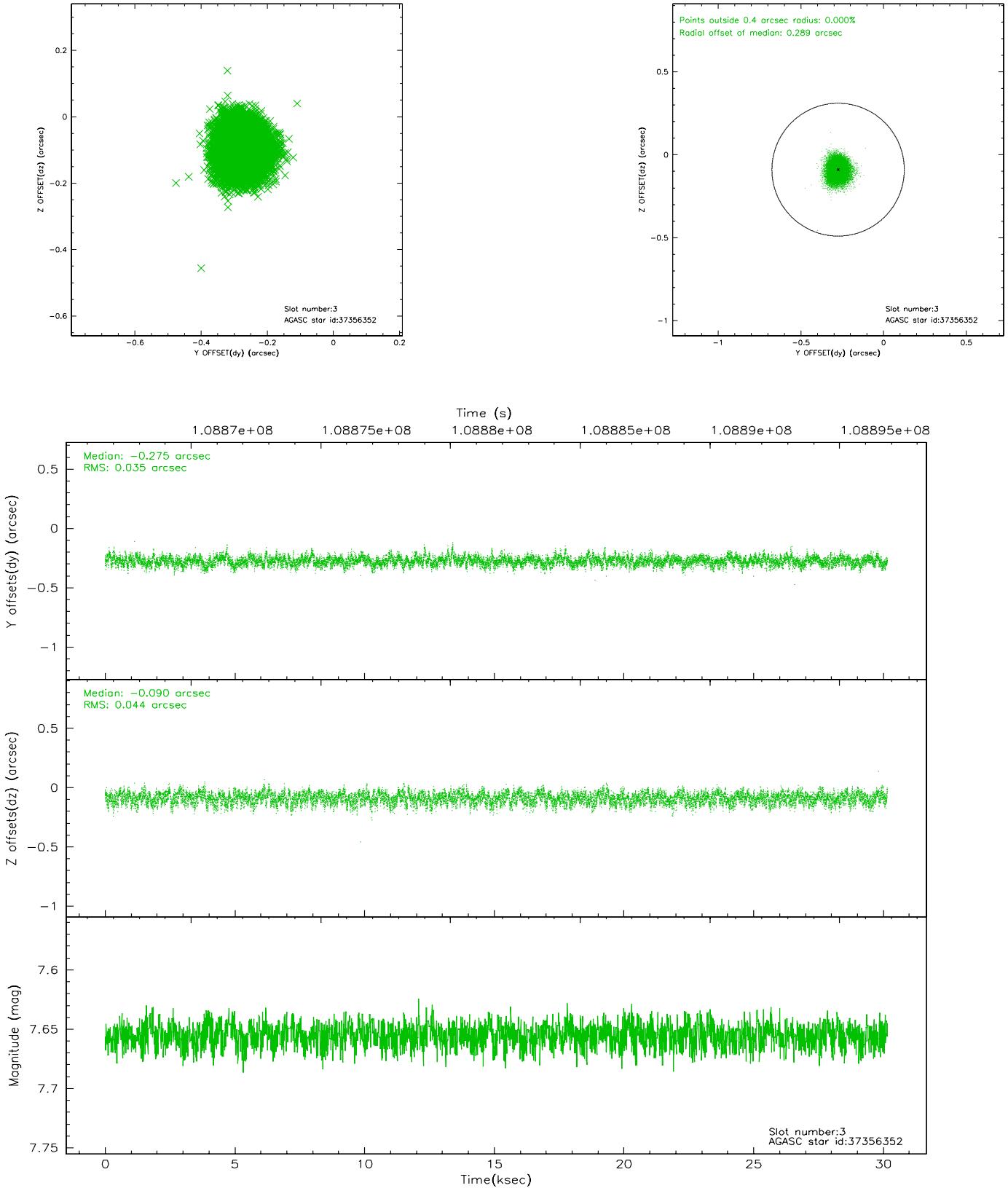
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.96	7356	0.133	-0.150	0.008	0.016	0.000000	0.000000	-1157.42	-453.80
1	FID	HRC-S-3	6.99	7357	0.153	-0.045	0.009	0.016	0.000000	0.000000	-1160.29	575.77
2	FID	HRC-S-4	6.91	7355	0.102	-0.101	0.005	0.009	0.000000	0.000000	1240.64	578.44
3	GUIDE	37356352	7.66	14711	-0.275	-0.090	0.060	0.095	187.433784	2.618460	-2017.81	-273.68
4	GUIDE	36965816	9.27	14707	0.070	-0.038	0.084	0.139	186.823353	1.771455	1666.05	-1015.70
5	GUIDE	36965296	9.09	14713	0.088	-0.064	0.072	0.119	186.926292	1.837429	1297.17	-776.35
6	GUIDE	37880408	10.08	14643	-0.209	0.023	0.147	0.240	187.758191	2.290324	-1423.50	1276.84
7	GUIDE	37883040	10.04	14701	0.321	0.170	0.139	0.226	187.575516	1.280402	2159.64	2179.86

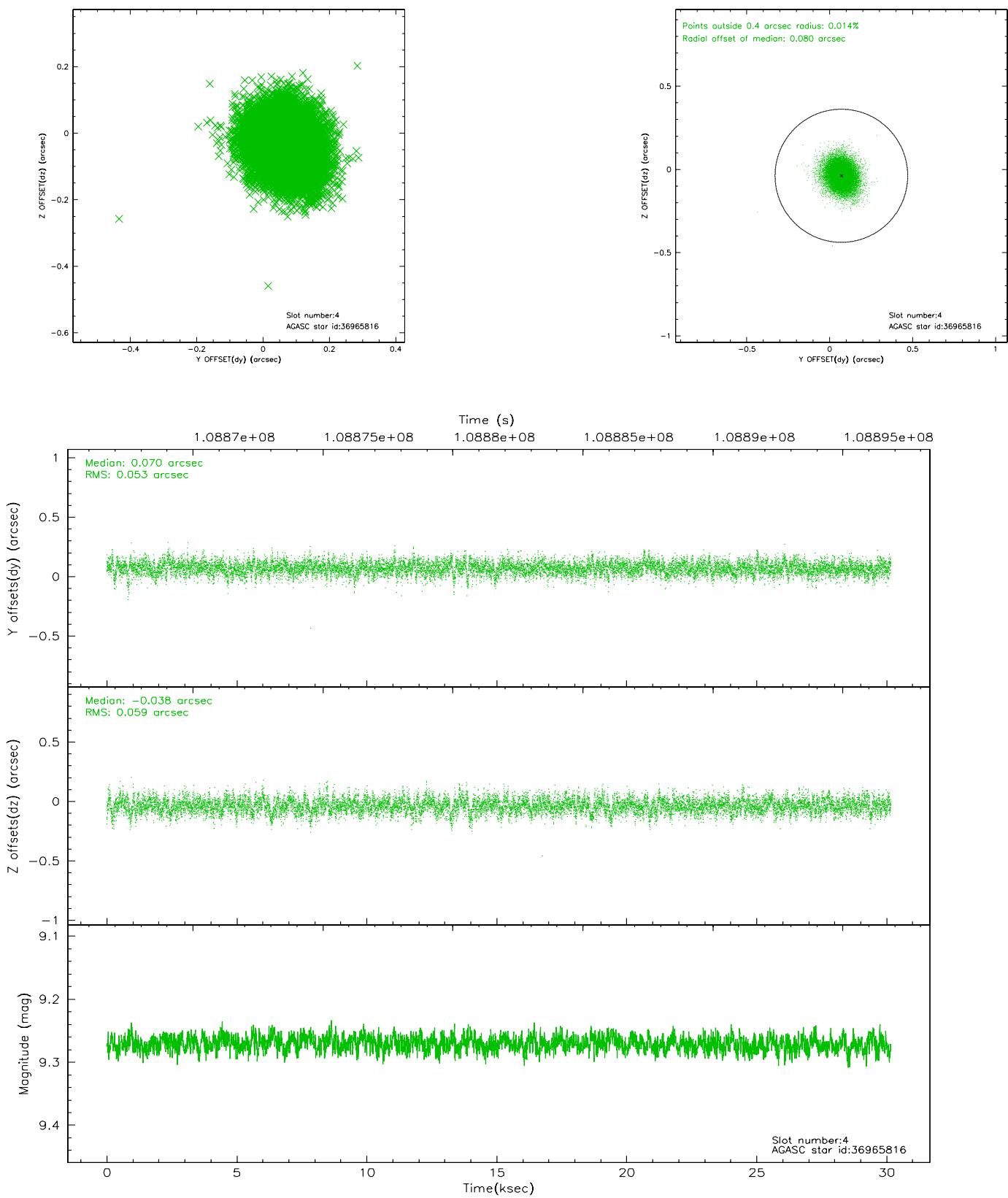
∞

2.4 Star Slots

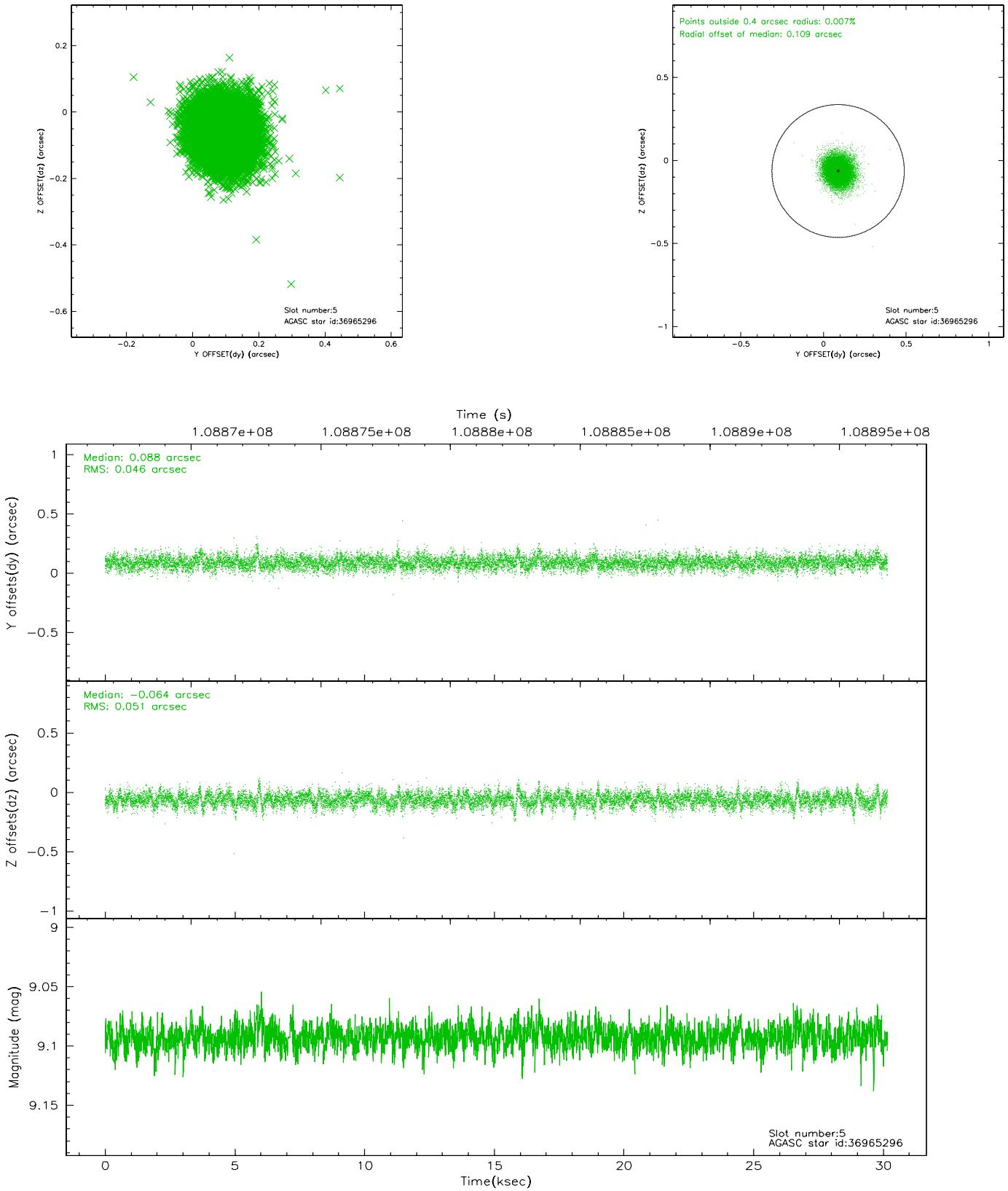
2.4.1 Slot 3



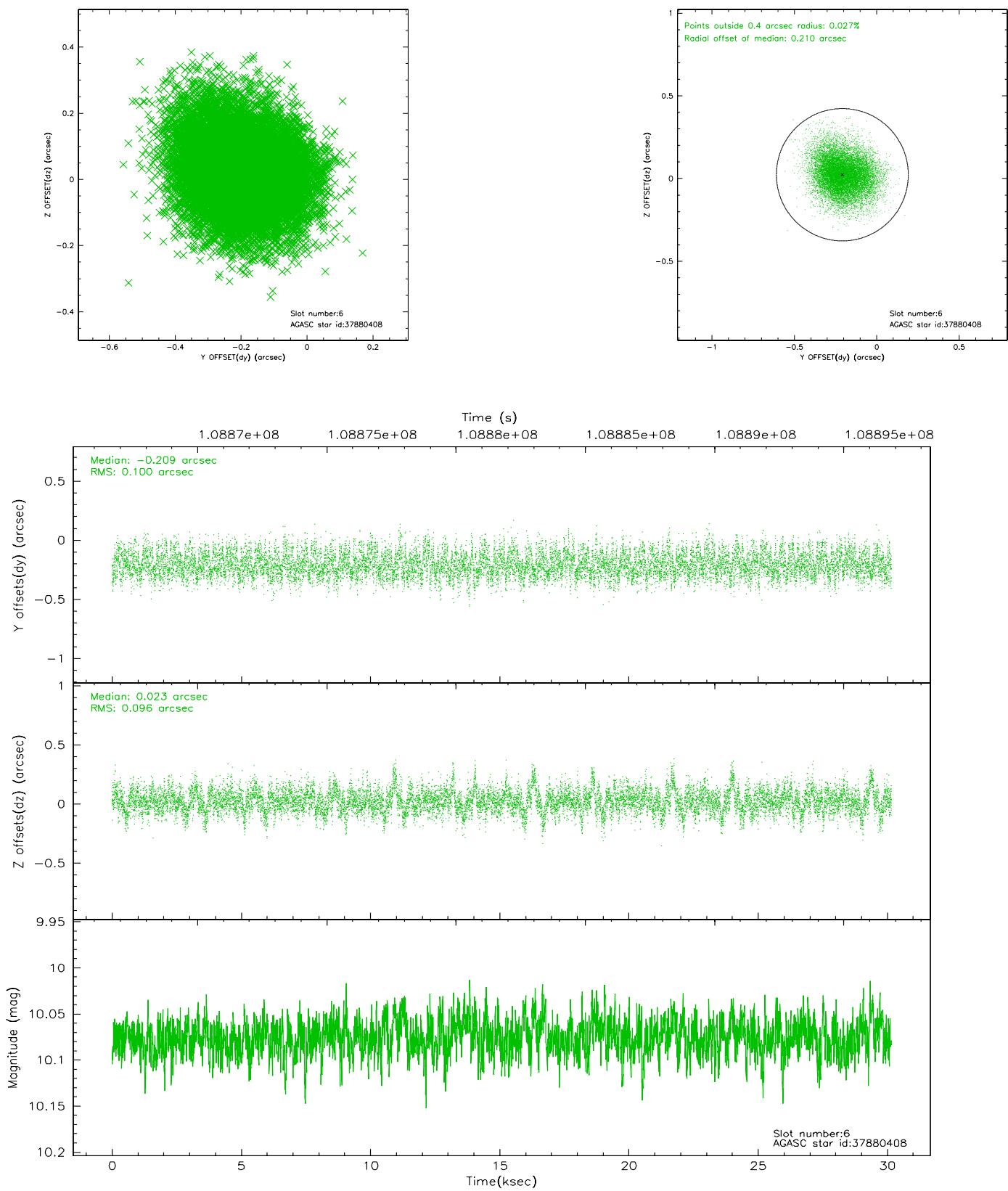
2.4.2 Slot 4



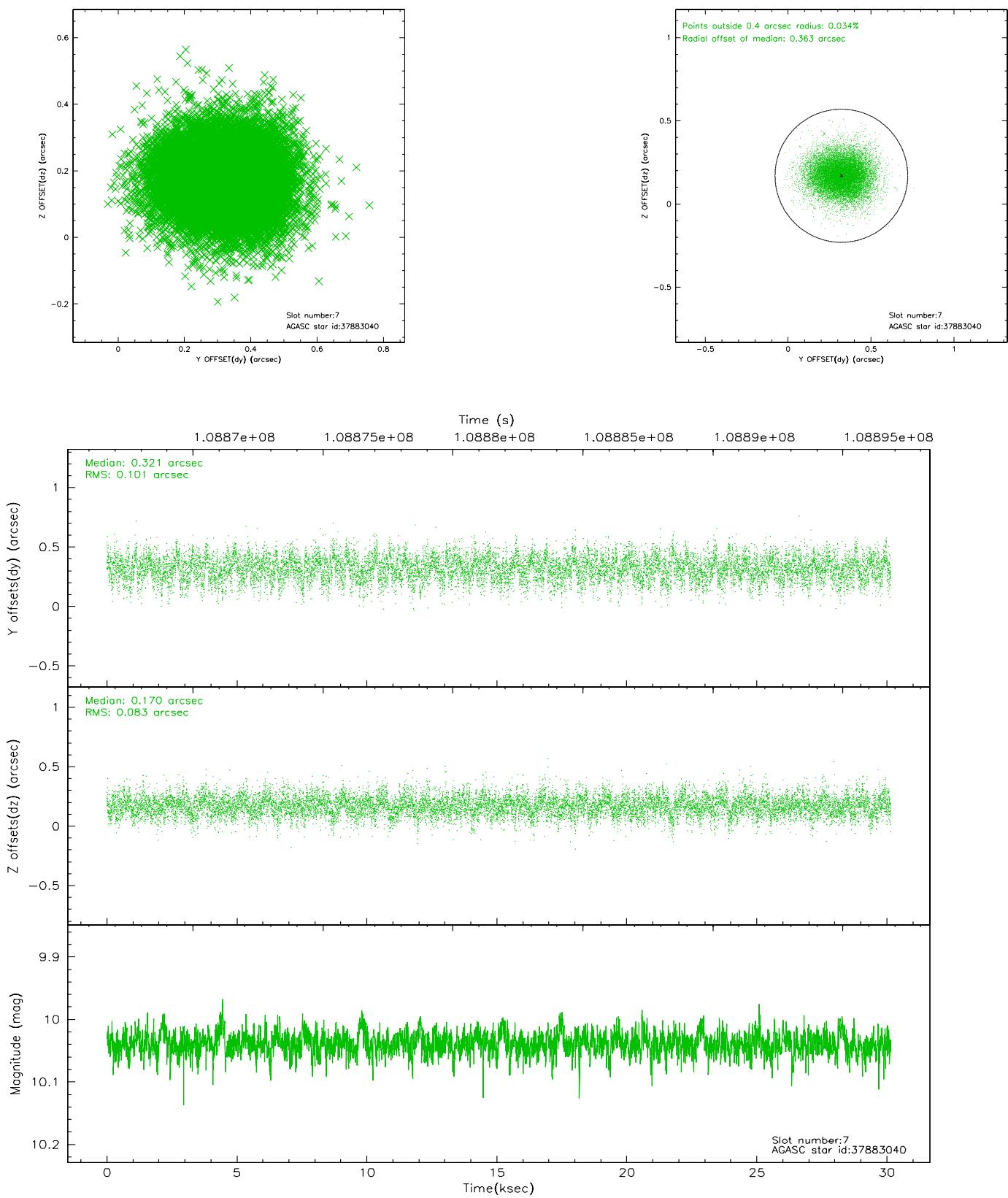
2.4.3 Slot 5



2.4.4 Slot 6

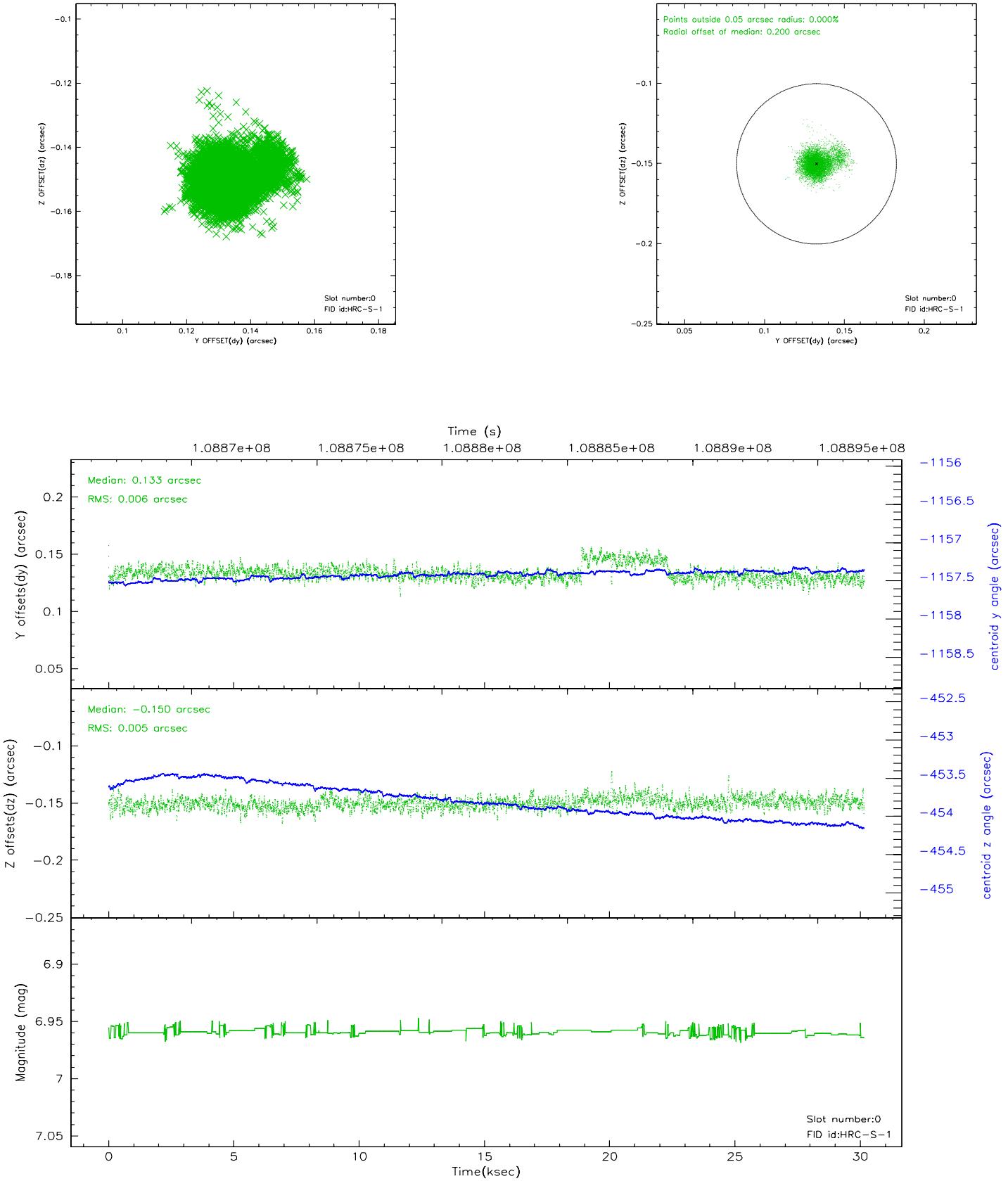


2.4.5 Slot 7

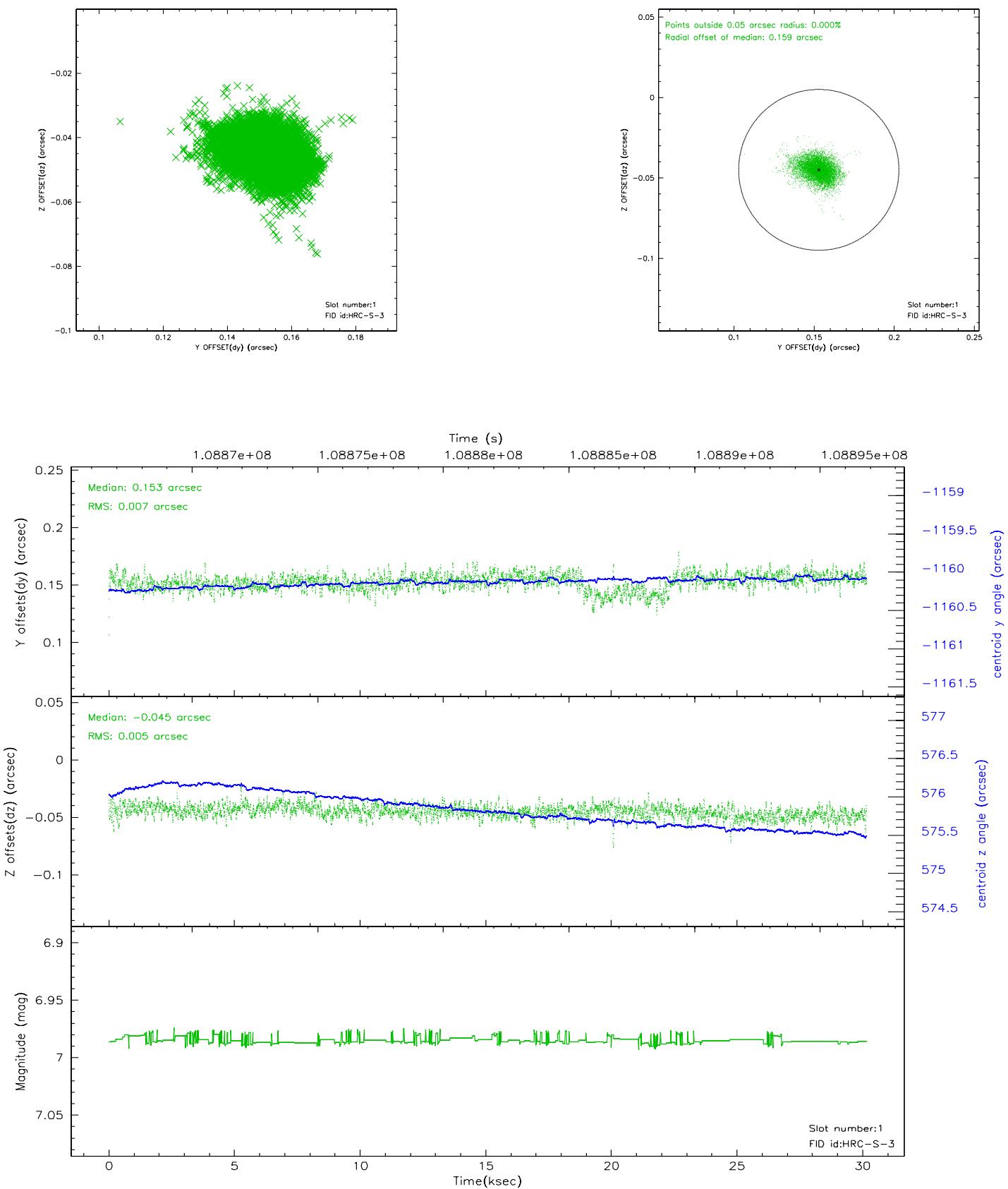


2.5 FID Slots

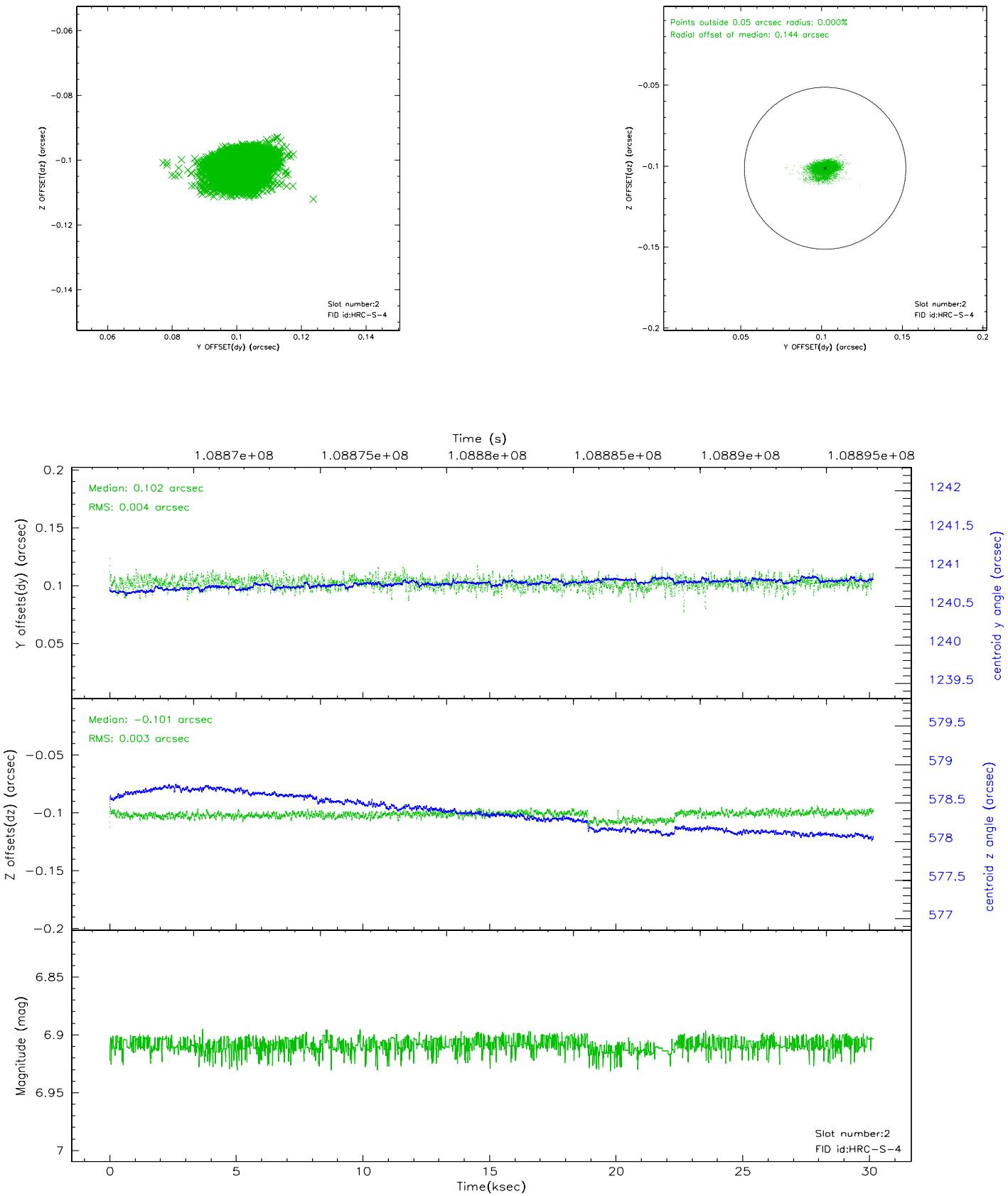
2.5.1 Slot 0



2.5.2 Slot 1

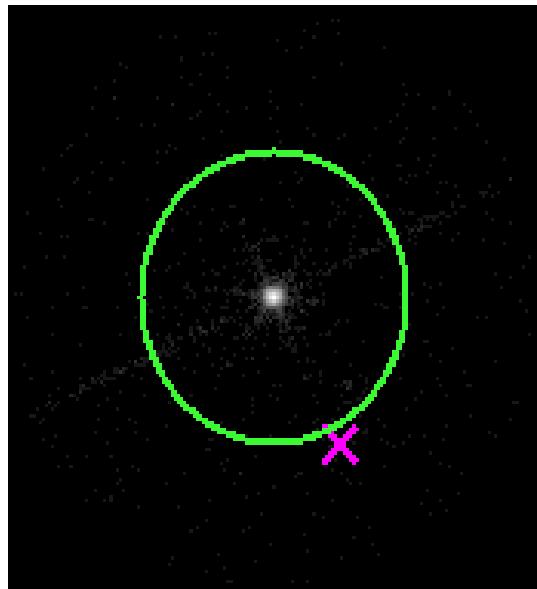


2.5.3 Slot 2



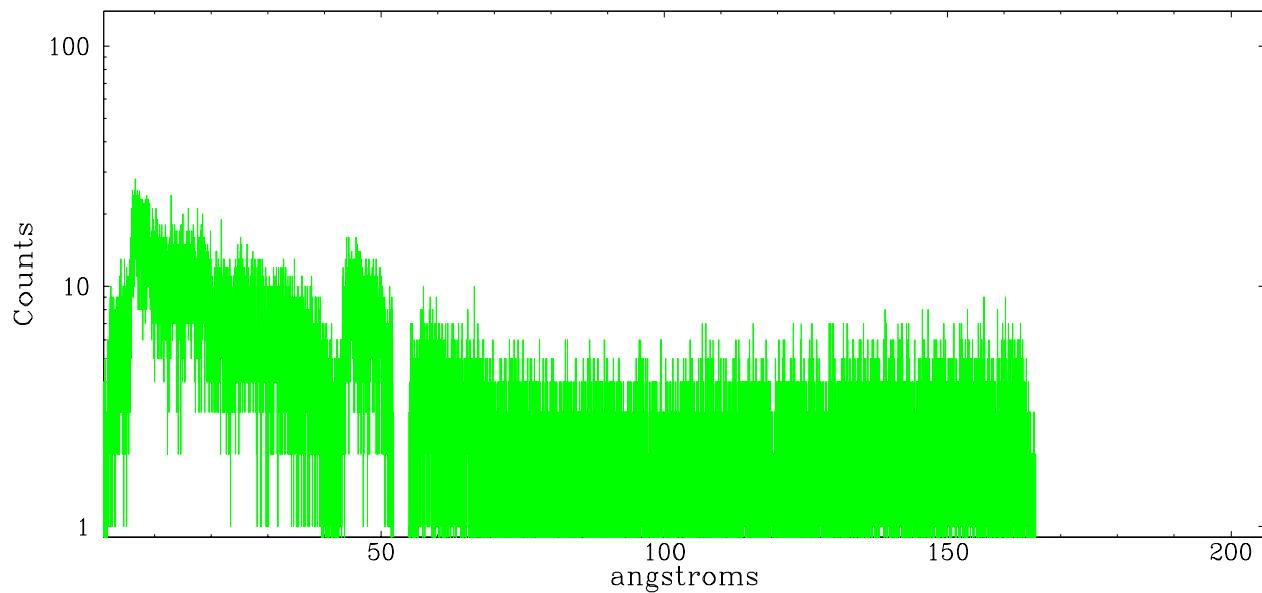
3 Gratings

3.1 LETG Arm

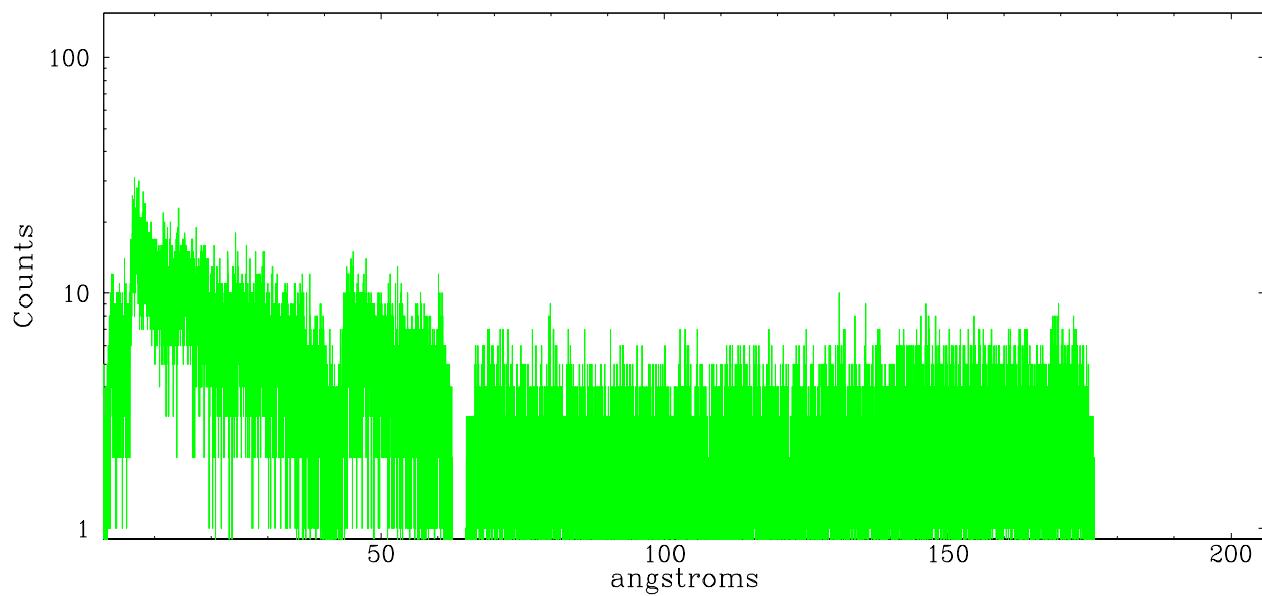


LETG Zero Order

leg order -1



leg order +1



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.844

A.2 Comments

Window constraint met.