

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5396 - L2 Version 3
Chandra X-Ray Center

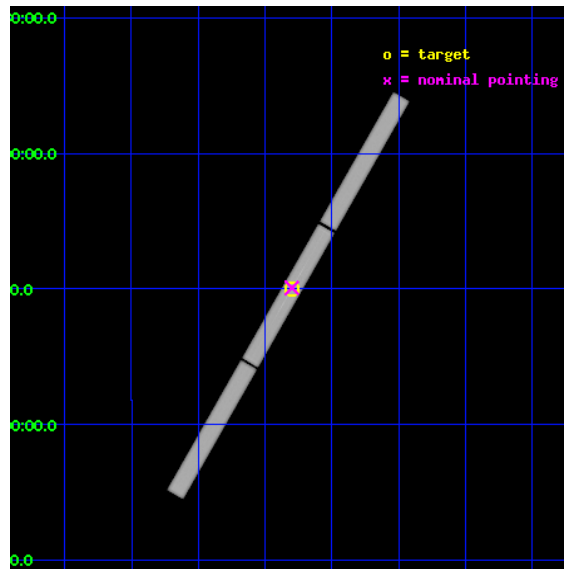
L2 Processing Date : Dec 23 2012

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1 Front

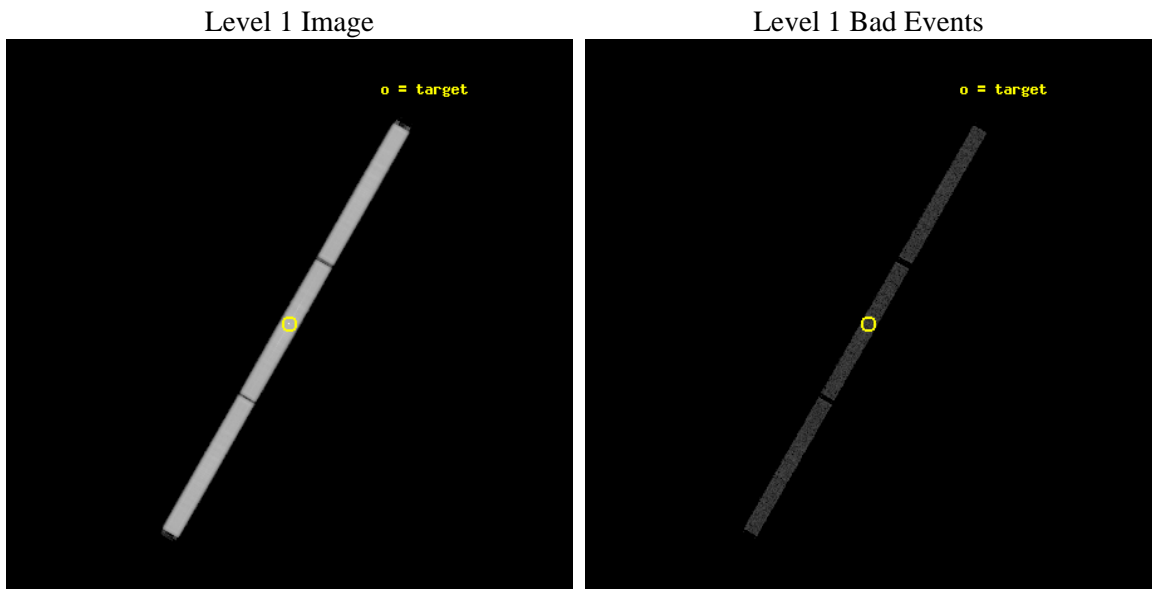
seq_num	200331	Sequence number
obs_id	5396	Observation id
title	The issue of coronal abundances: observation of two active stars with well determined photospheric abundances	Proposal title
observer	Dr. Jorge Sanz-Forcada	Principal investigator
object	AY Cet	Source name
ra_targ	19.151667	Observer's specified target RA [deg]
dec_targ	-2.500361	Observer's specified target Dec [deg]
ra_nom	19.149422655844	Nominal RA [deg]
dec_nom	-2.4962117534888	Nominal Dec [deg]
roll_nom	119.88660599108	Nominal Roll [deg]
revision	3	Processing version of data
ontime	43186.583219588	[s]
liveltime	42889.722055513	Ontime multiplied by DTCOR
l2events	2414020	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	43000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	43186.583219588	[s]
caldbver	4.5.5	 	l1events	3328046	Number of level 1 events
date	2012-12-23T19:30:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

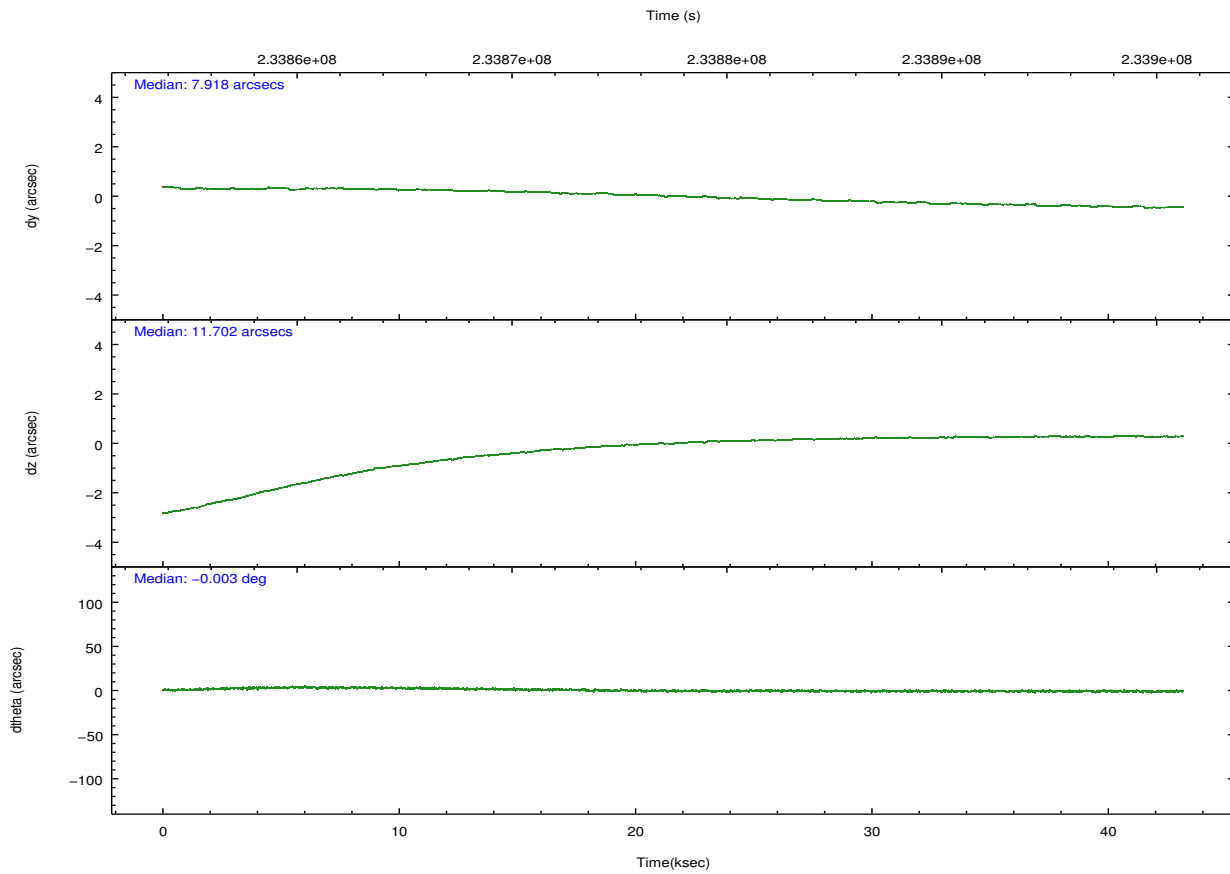
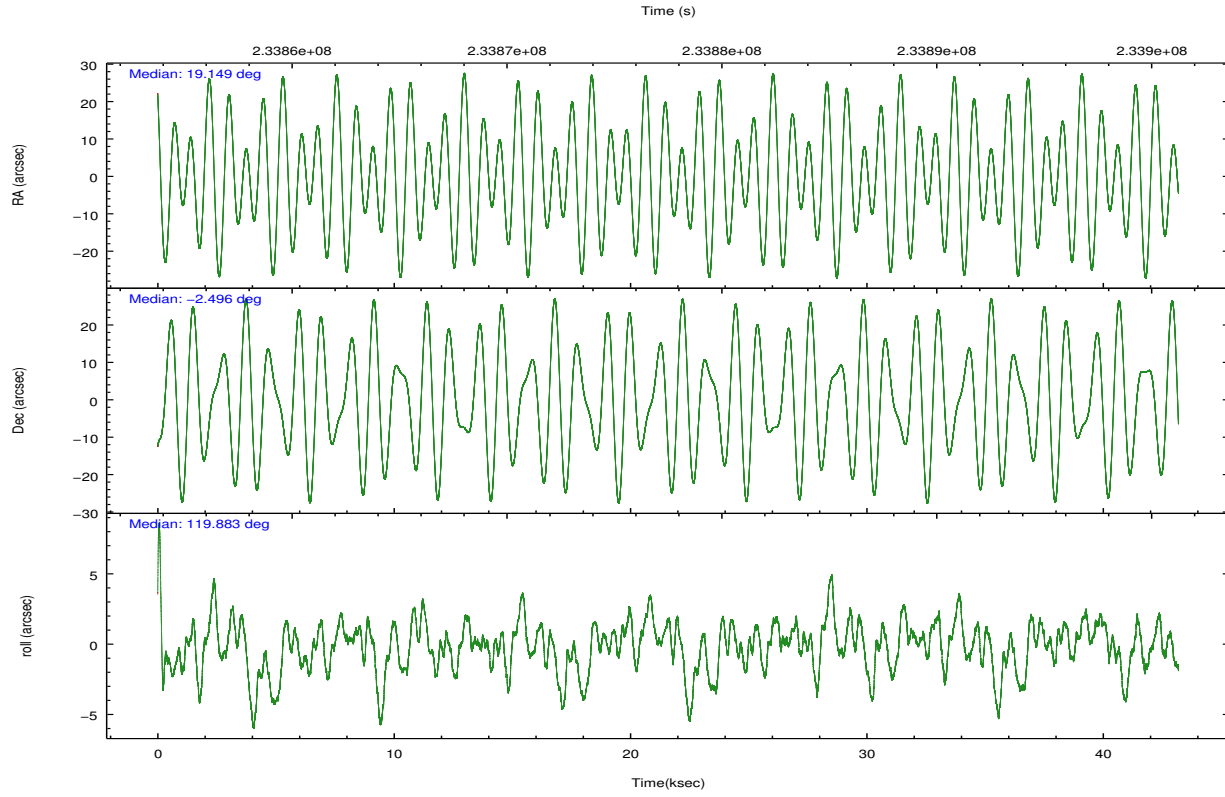
Level 1 Events

	segment 1	segment 2	segment 3
level 1 events	1109412	1106986	1111648
rejected events	19308	19019	19361
rejected %	1%	1%	1%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
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			
[deg] Pointing RA	19.174893	19.14942265584412			
[deg] Pointing Dec	-2.509342	-2.496211753488818			
[deg] Pointing Roll	119.820384	119.8866059910788			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	233856085.184000	233855494.97334			
Observation start date	2005-05-30T16:00:21	2005-05-30T15:51:34			
[s] Observation end time (MET)	233899085.184000	233899537.68785			
Observation end date	2005-05-31T03:57:01	2005-05-31T04:05:37			

2.3 Aspect

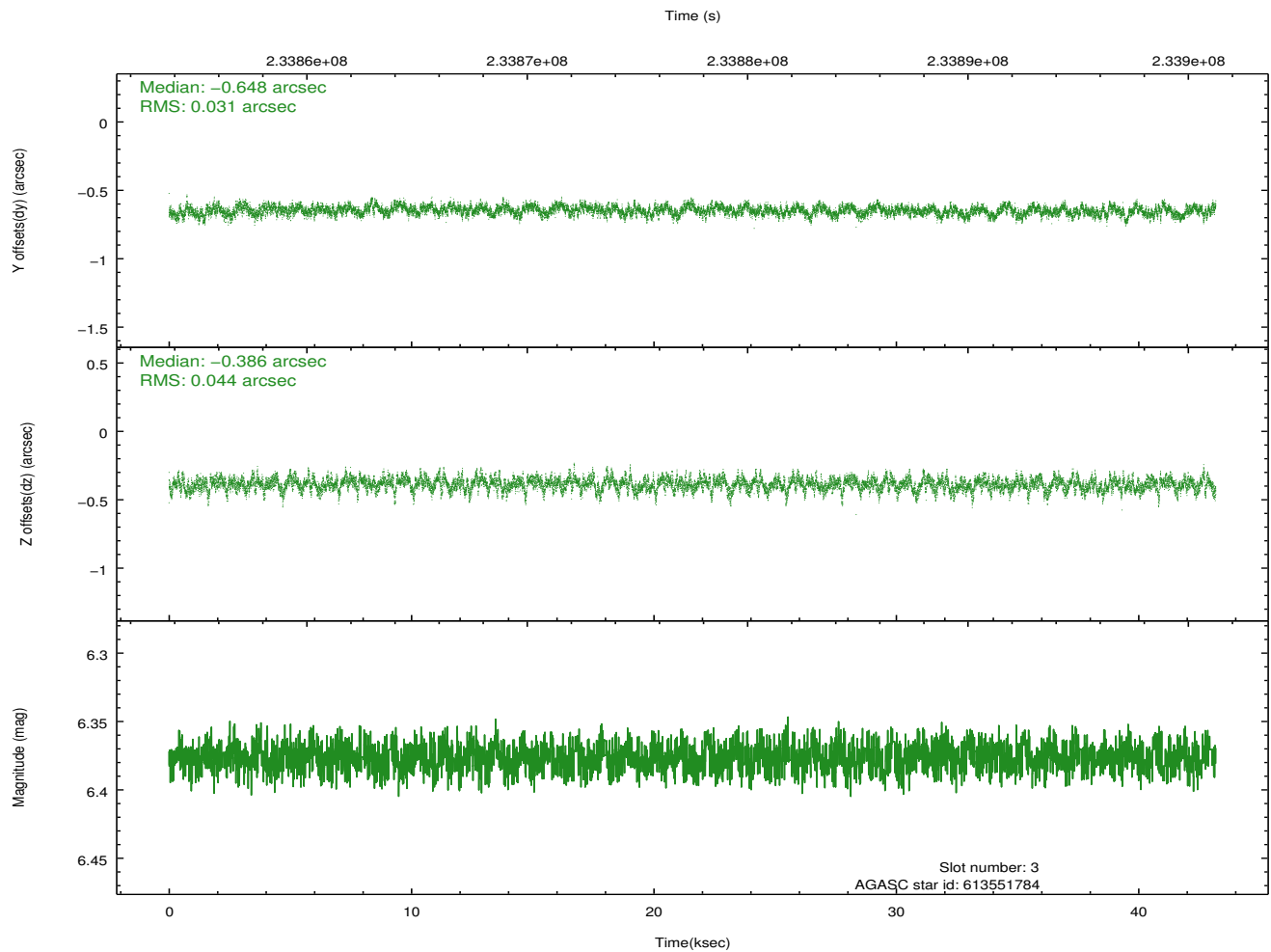
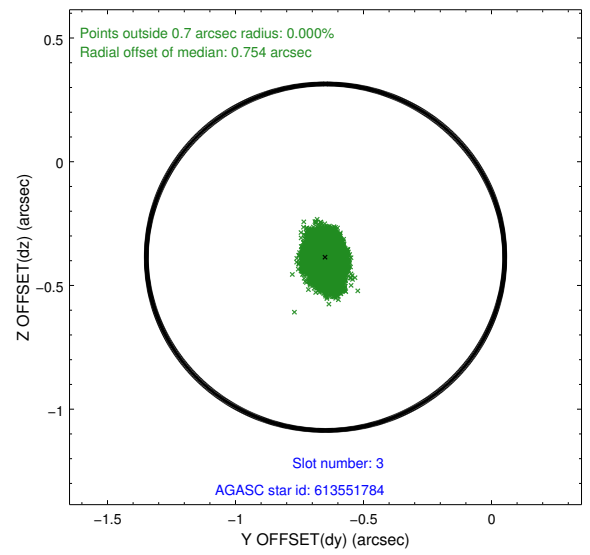
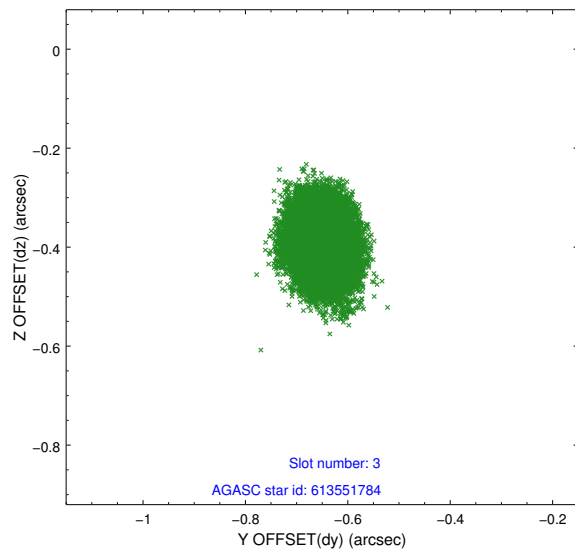


Slot Statistics

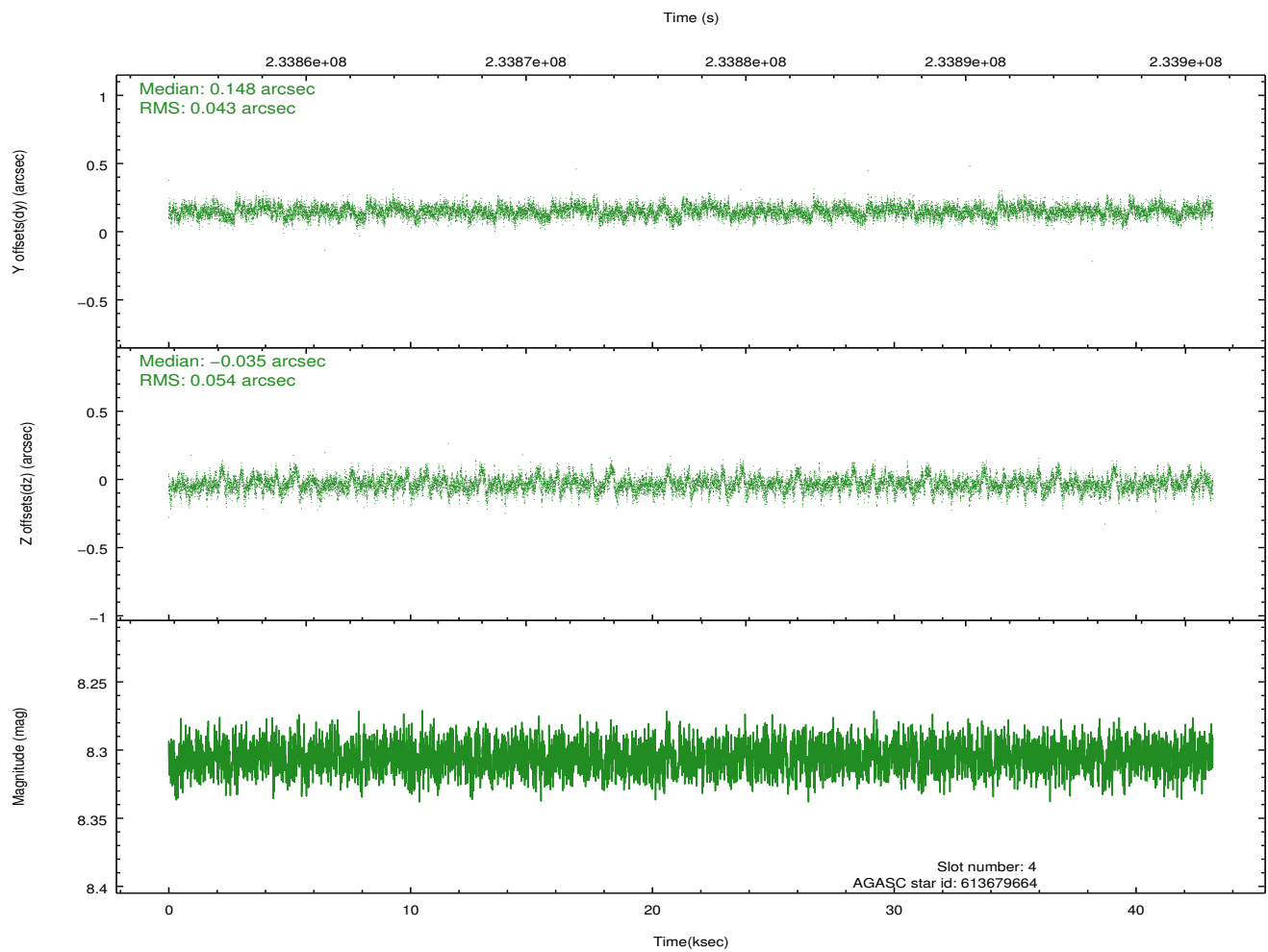
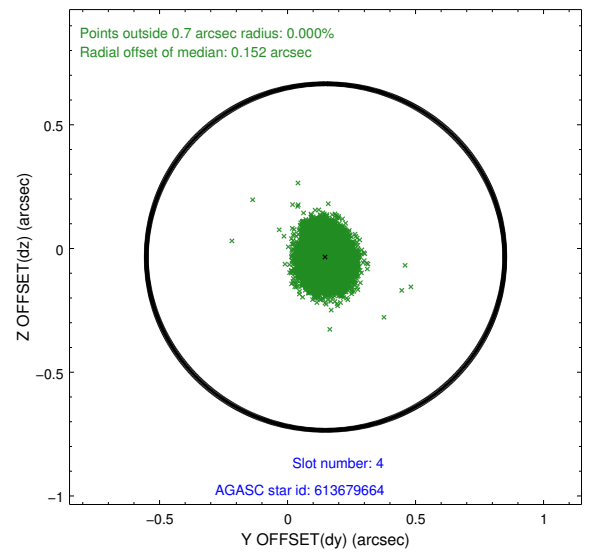
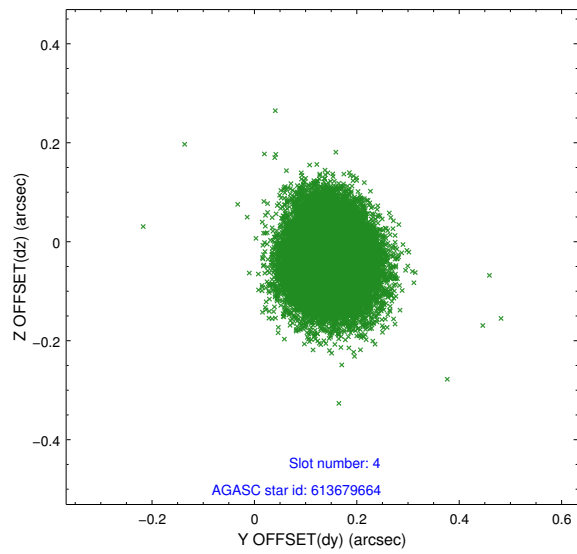
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	10533	0.134	-0.133	0.031	0.067	0.000000	0.000000	-1162.07	-459.99
1	FID	HRC-S-2	7.00	10534	0.152	-0.112	0.008	0.018	0.000000	0.000000	1237.52	-452.65
2	FID	HRC-S-3	7.02	10534	0.104	-0.057	0.031	0.069	0.000000	0.000000	-1164.70	569.60
3	GUIDE	613551784	6.38	21068	-0.648	-0.386	0.056	0.095	18.561752	-2.179492	2125.96	1323.40
4	GUIDE	613679664	8.30	21064	0.148	-0.035	0.073	0.121	19.163439	-2.686363	-532.18	352.82
5	GUIDE	613696072	6.67	21068	0.093	0.192	0.082	0.129	19.245859	-2.279163	590.73	-633.94
6	GUIDE	613699032	9.75	21019	0.210	-0.205	0.153	0.261	18.926193	-3.372435	-2251.41	2320.69
7	GUIDE	613682992	10.05	21052	0.199	0.437	0.168	0.282	19.958054	-2.523725	-1446.13	-2417.21

2.4 Star Slots

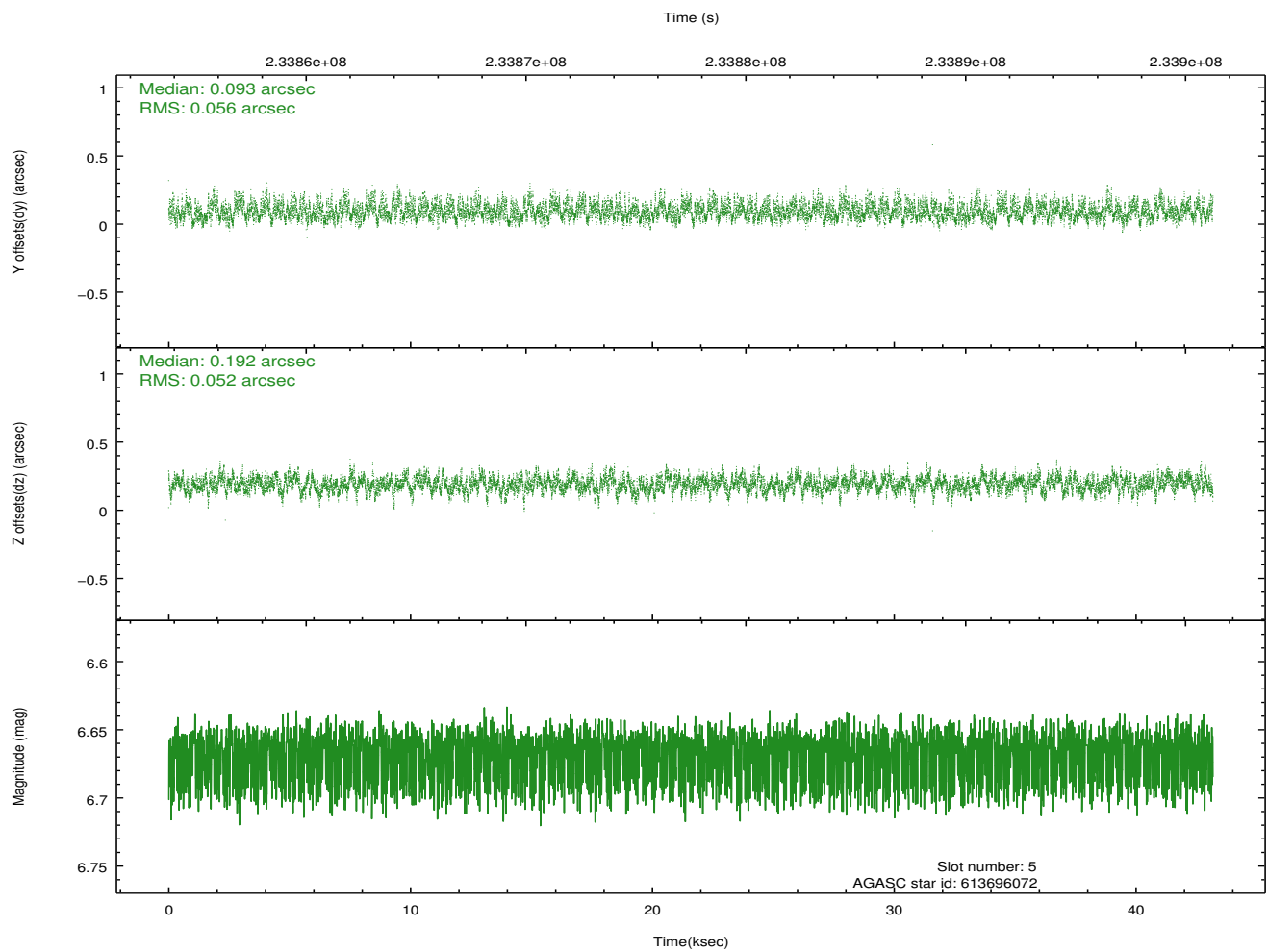
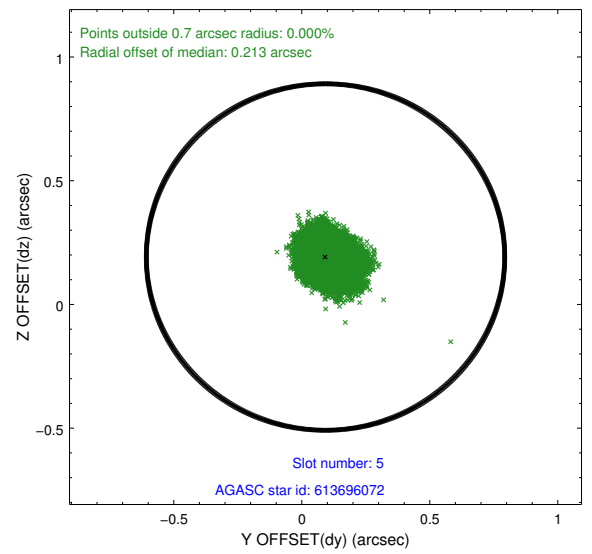
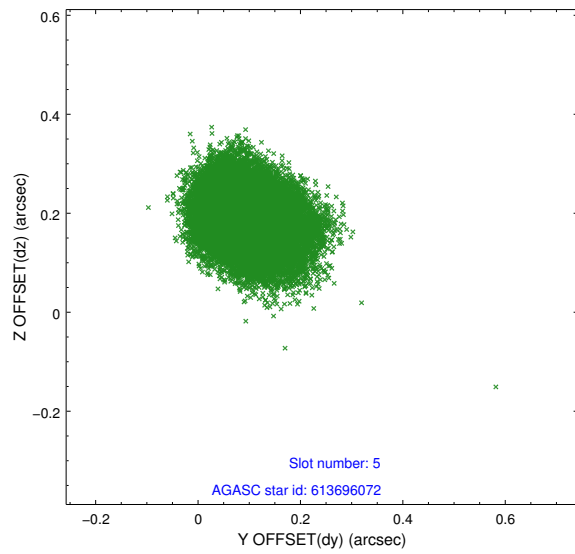
2.4.1 Slot 3



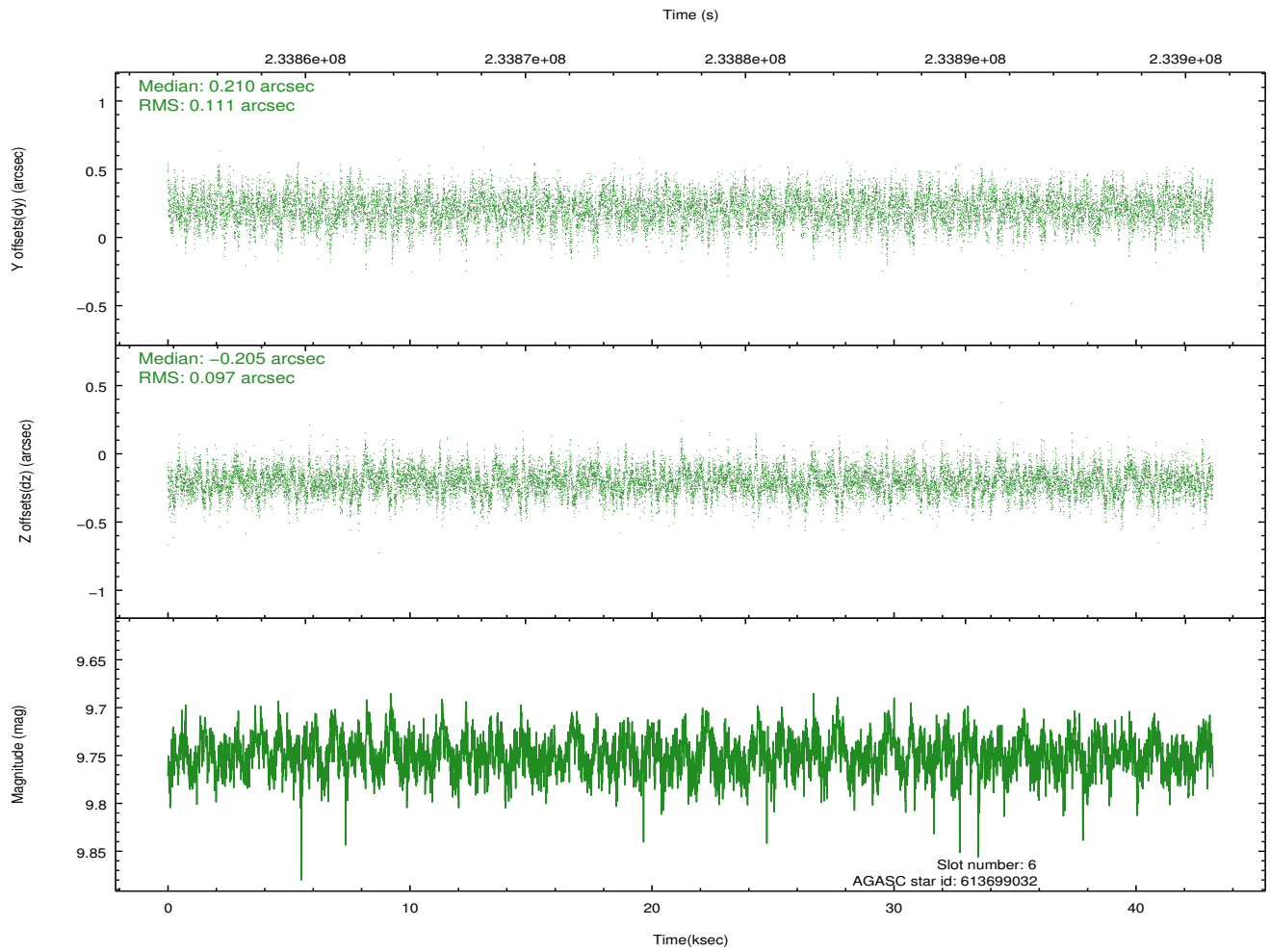
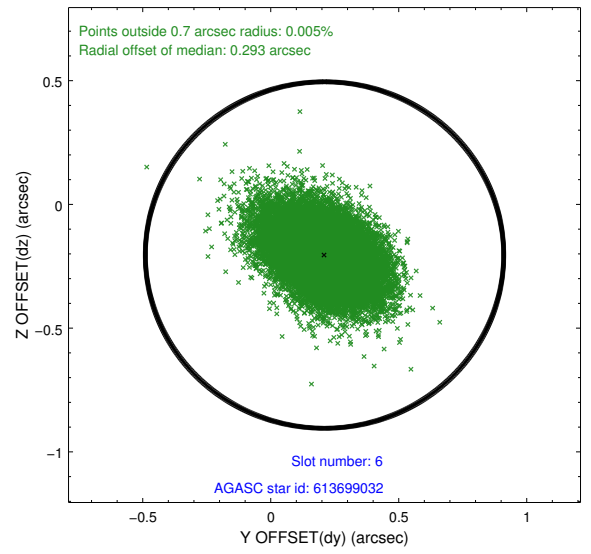
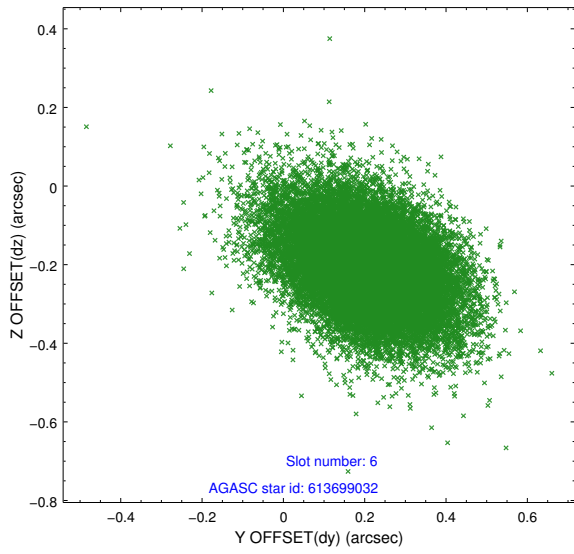
2.4.2 Slot 4



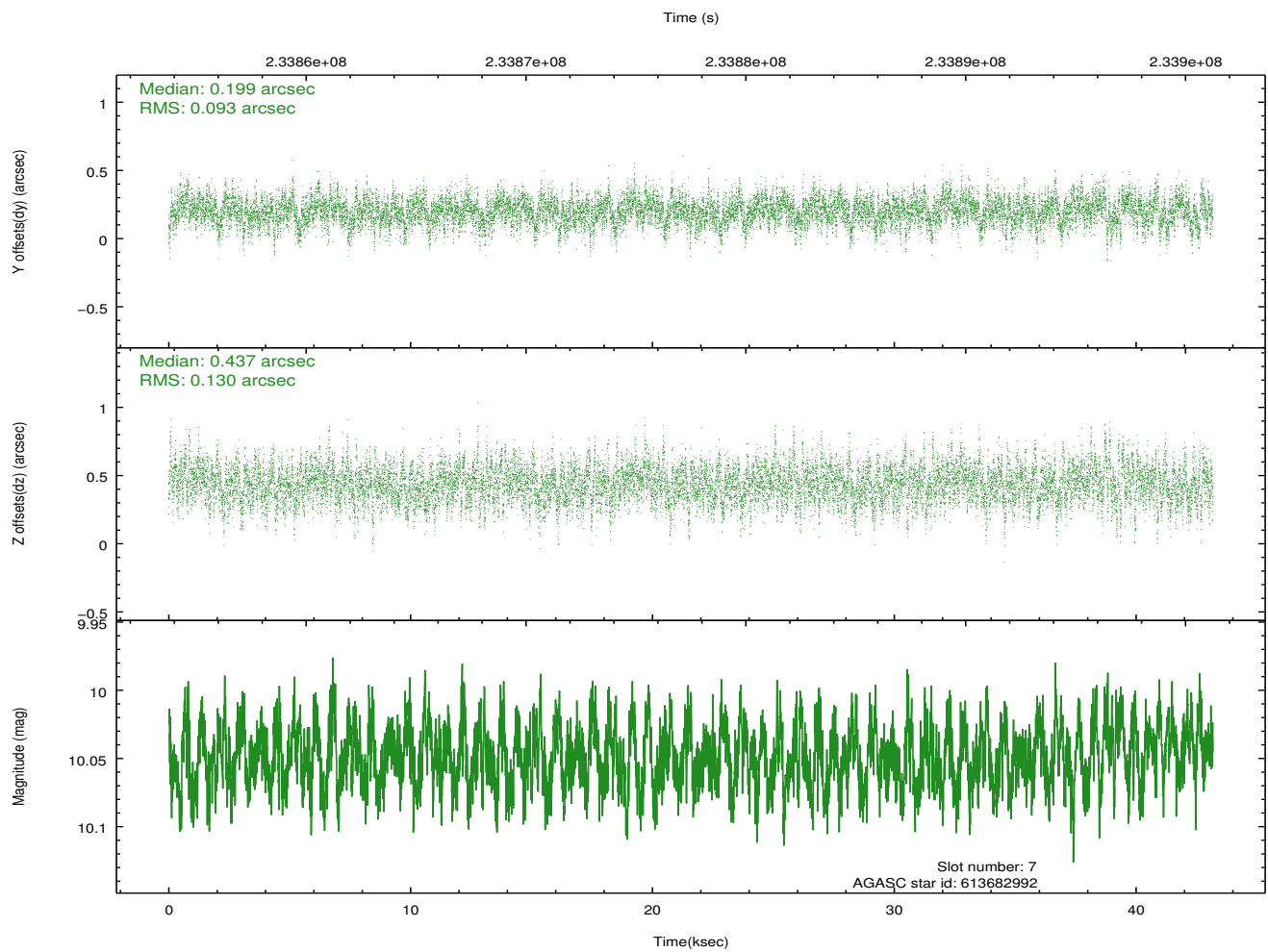
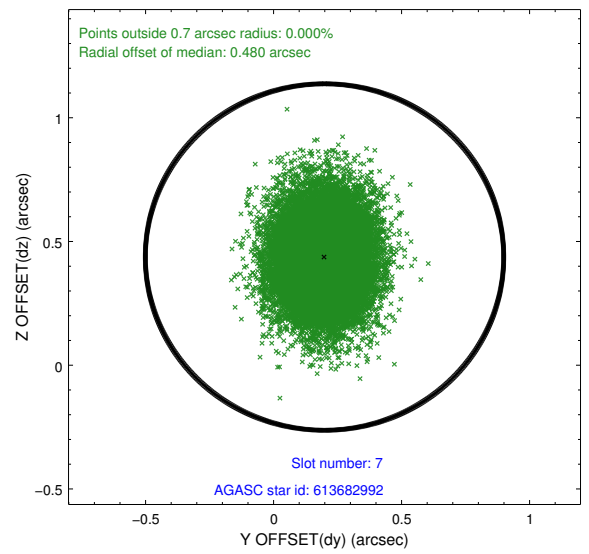
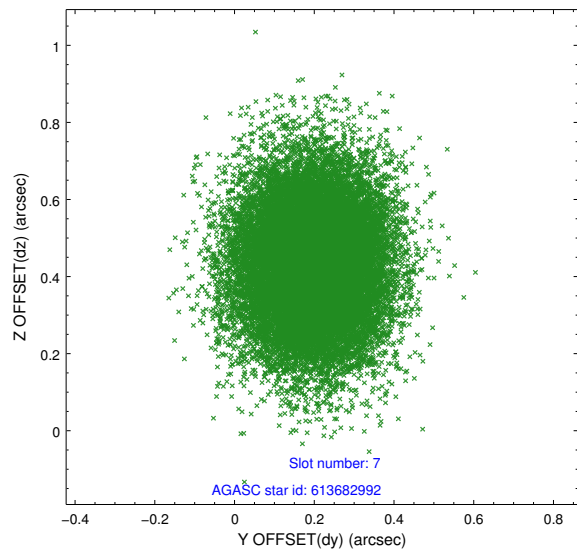
2.4.3 Slot 5



2.4.4 Slot 6

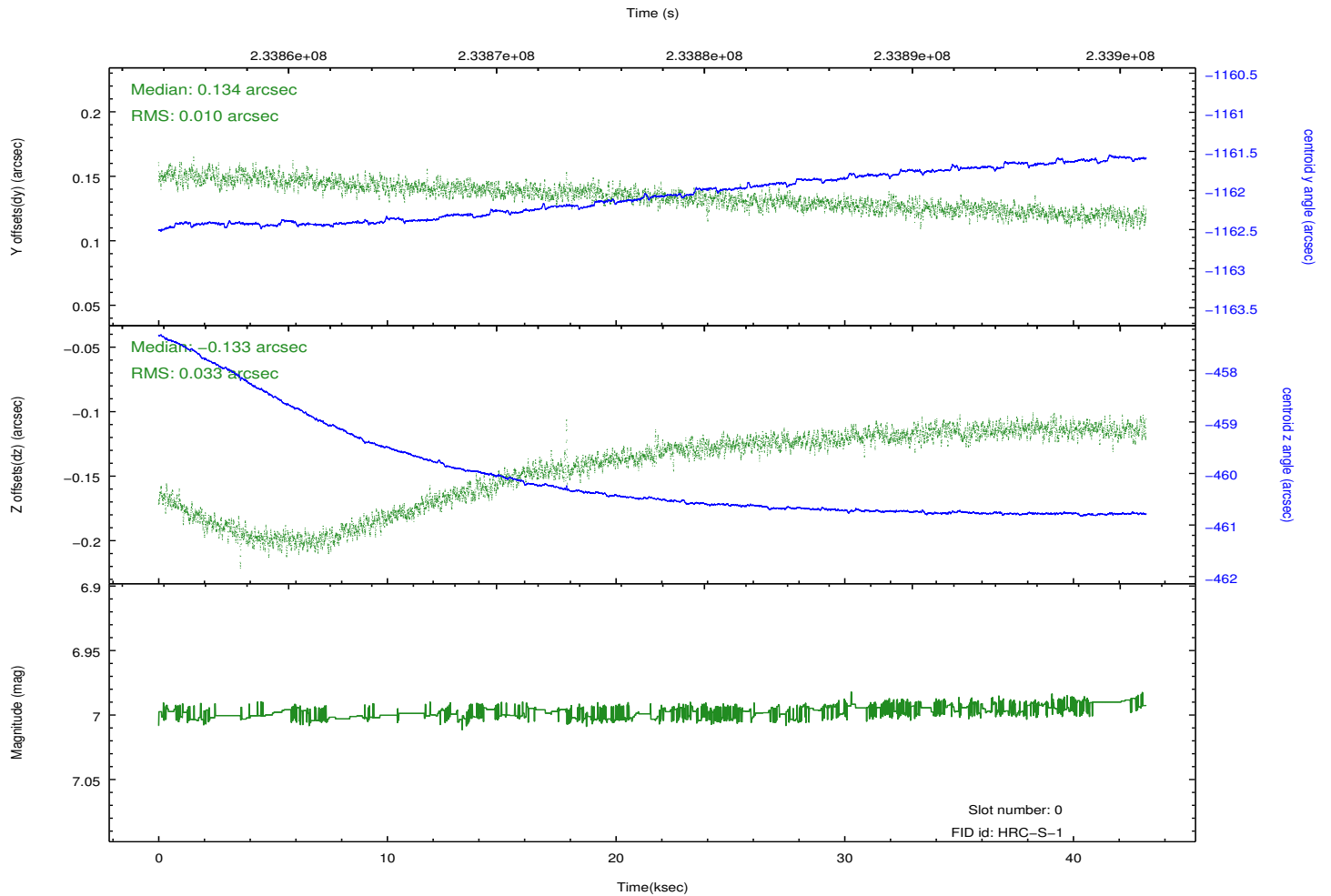
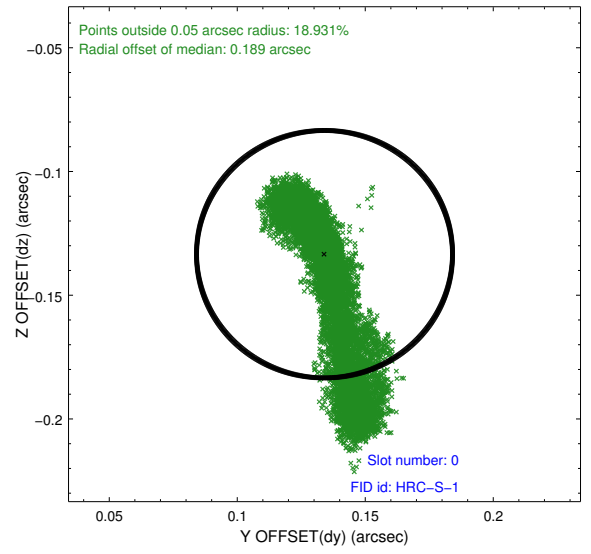
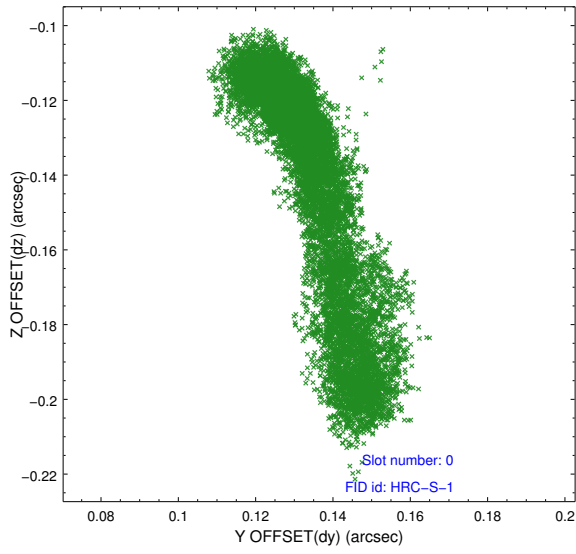


2.4.5 Slot 7

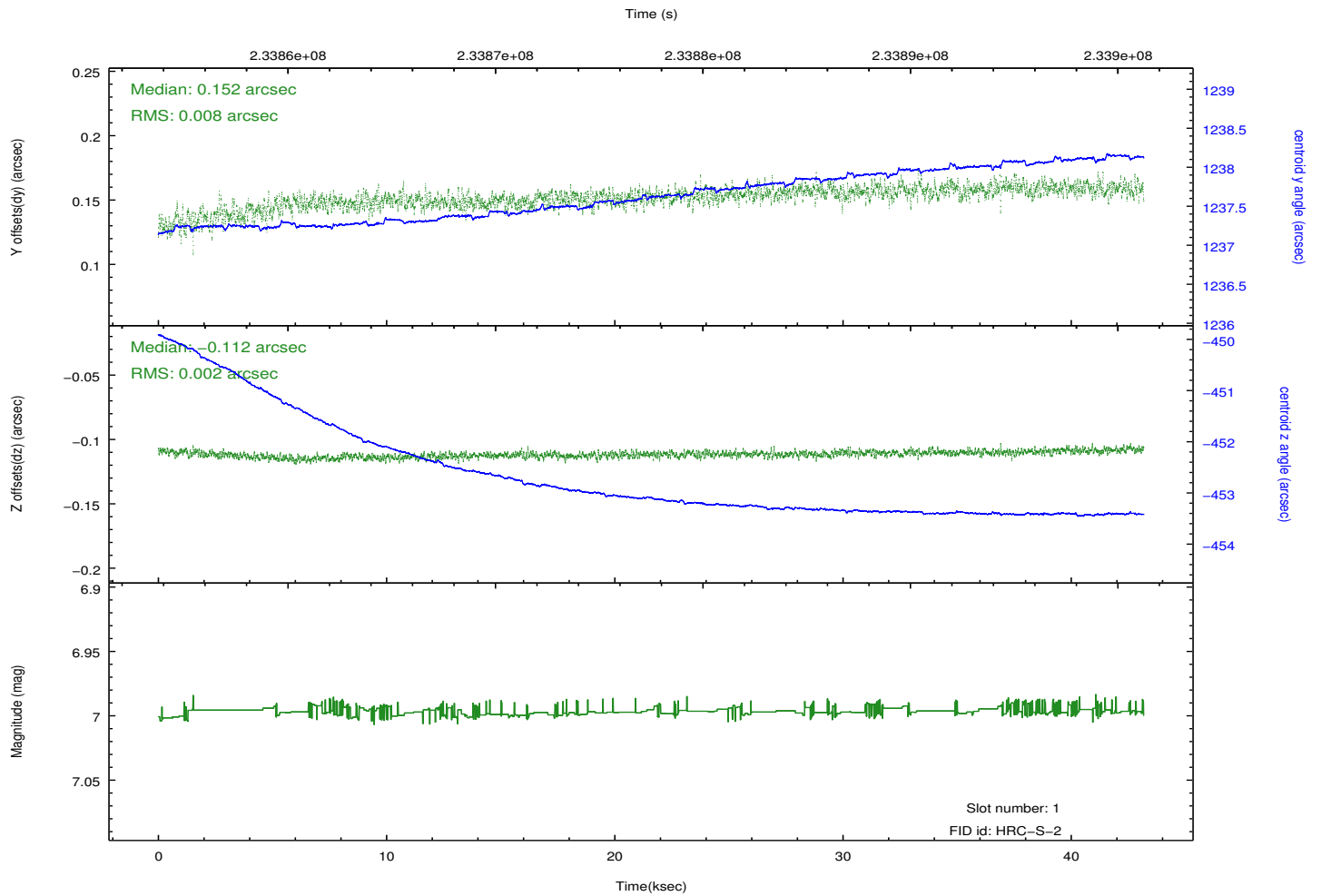
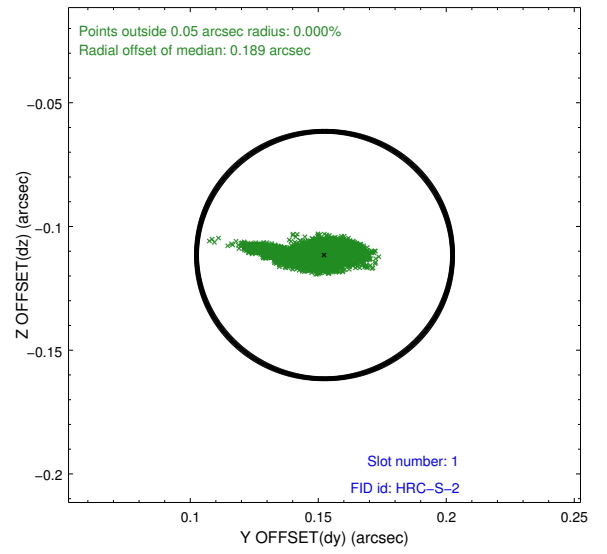
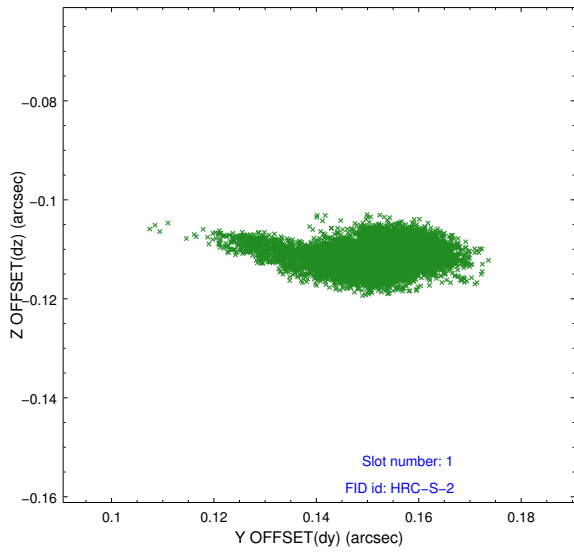


2.5 FID Slots

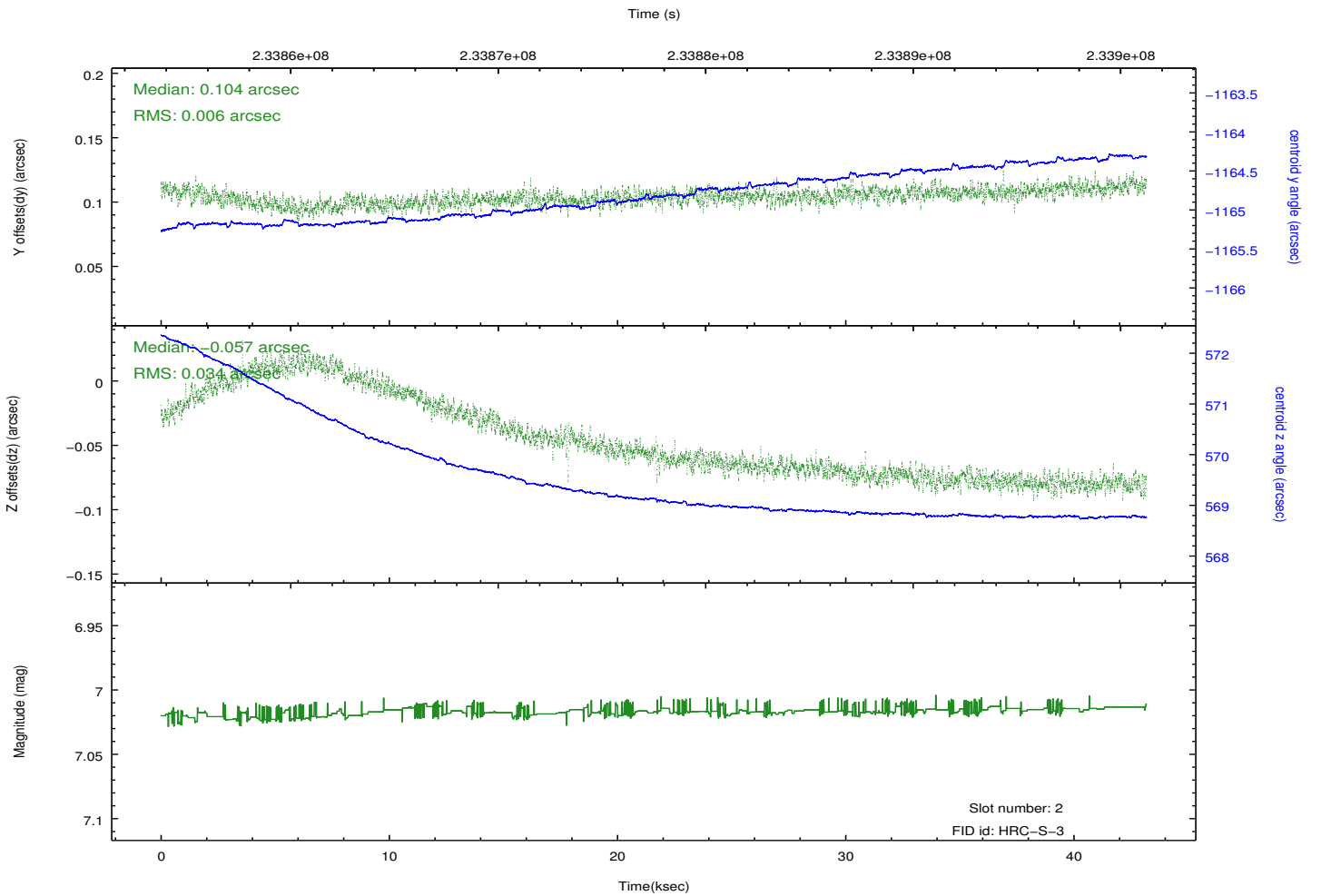
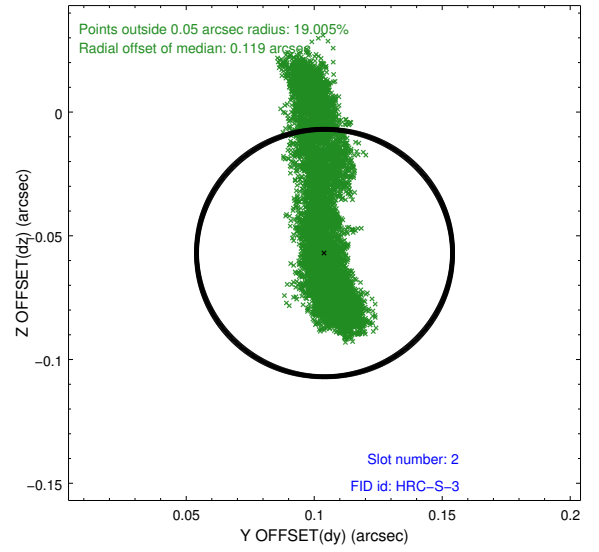
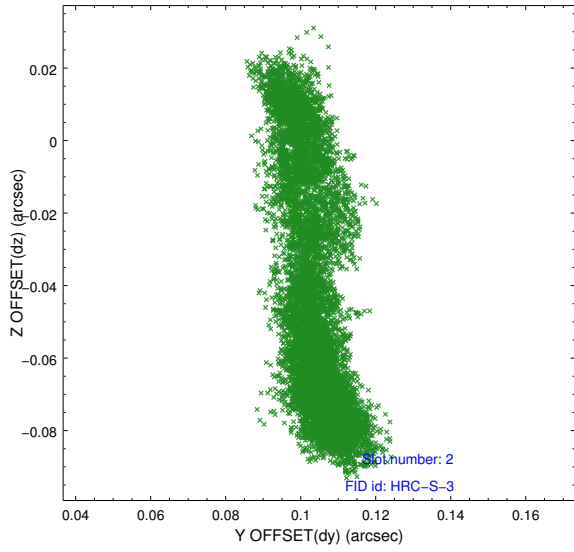
2.5.1 Slot 0



2.5.2 Slot 1

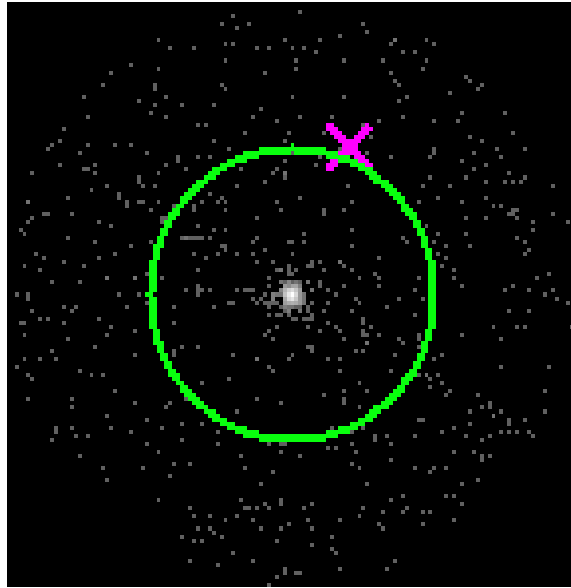


2.5.3 Slot 2

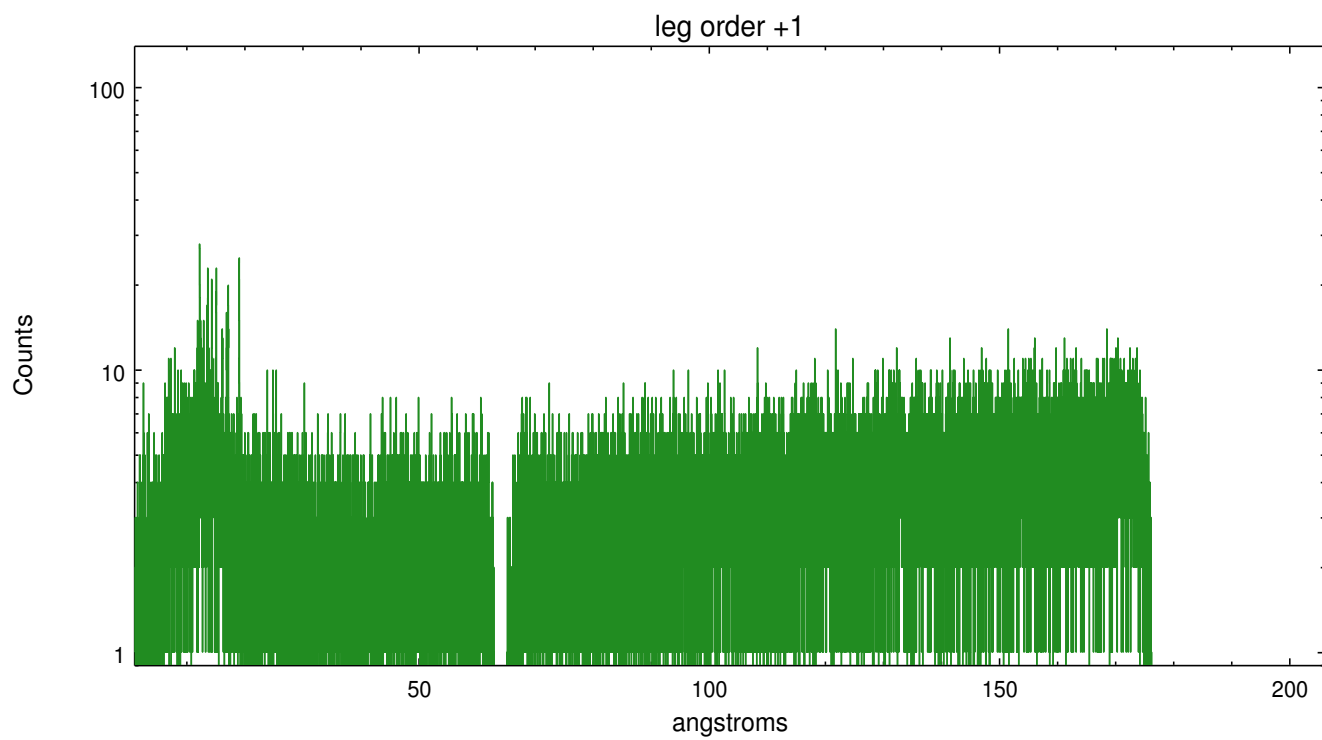
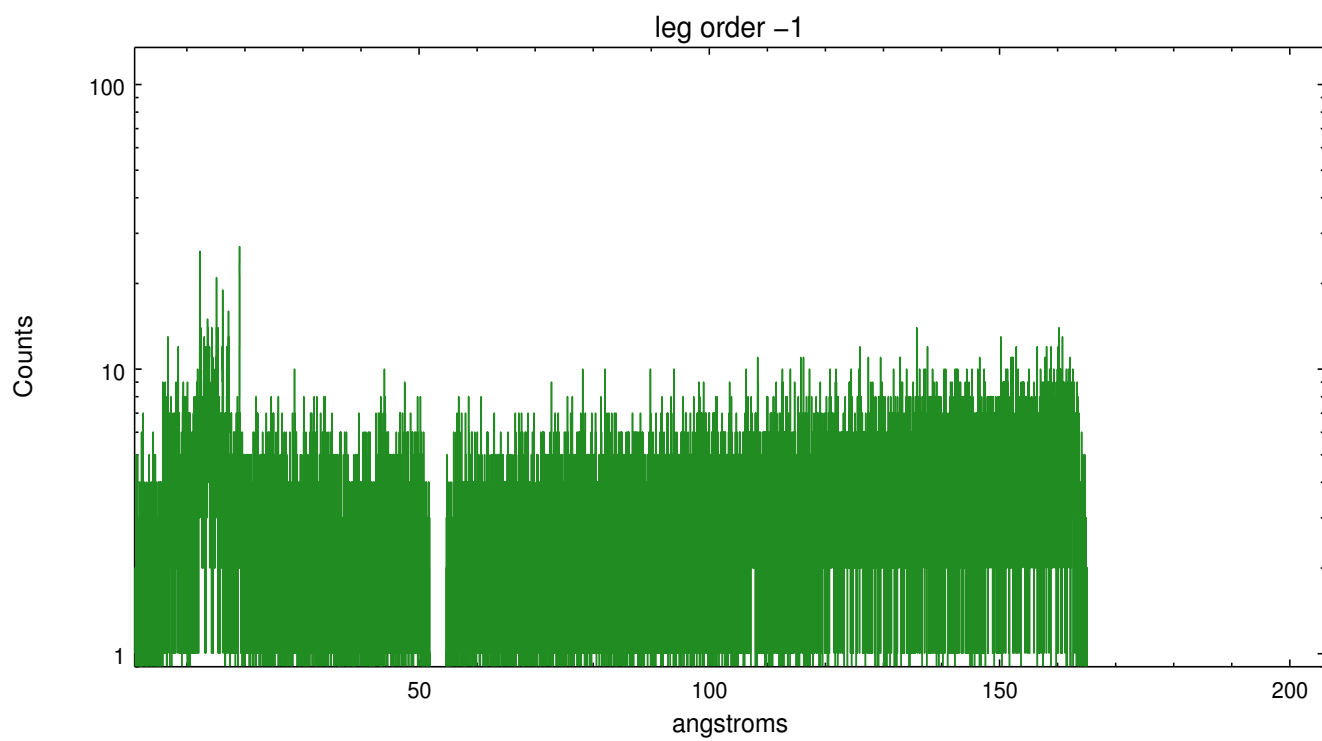


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	43.18658

A.2 Comments