

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 5305 - L2 Version 3
Chandra X-Ray Center

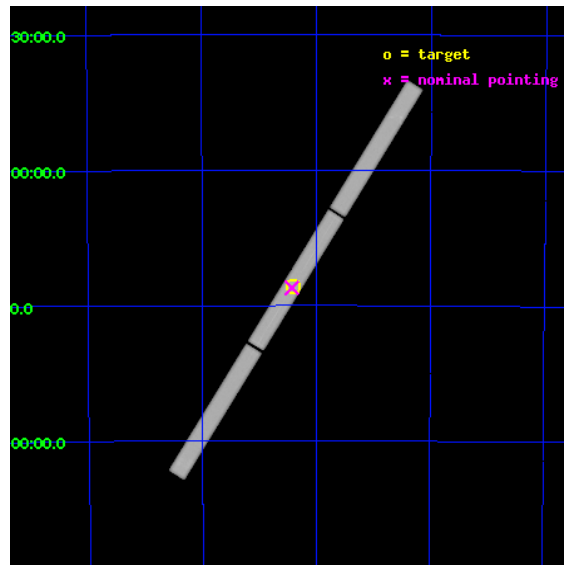
L2 Processing Date : Nov 12 2012

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1 Front

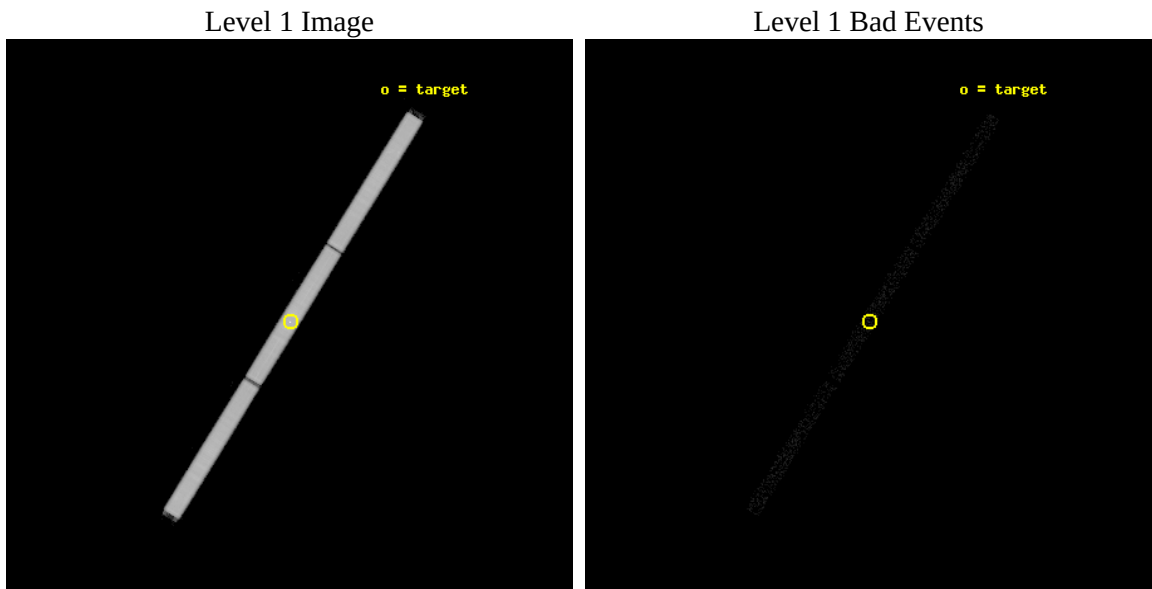
seq_num	500504	Sequence number
obs_id	5305	Observation id
title	Monitoring the spectral evolution of RXJ0720-3125 and determining its nature.	Proposal title
observer	Dr. Jacco Vink	Principal investigator
object	RX J0720-3125	Source name
ra_targ	110.104167	Observer's specified target RA [deg]
dec_targ	-31.430611	Observer's specified target Dec [deg]
ra_nom	110.10693655535	Nominal RA [deg]
dec_nom	-31.434639657821	Nominal Dec [deg]
roll_nom	301.72926177815	Nominal Roll [deg]
revision	3	Processing version of data
ontime	35705.107813507	[s]
livetime	35486.167286788	Ontime multiplied by DTCOR
l2events	1723777	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	35875.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	35705.107813507	[s]
caldbver	4.5.2	 	l1events	2388780	Number of level 1 events
date	2012-11-12T15:24:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

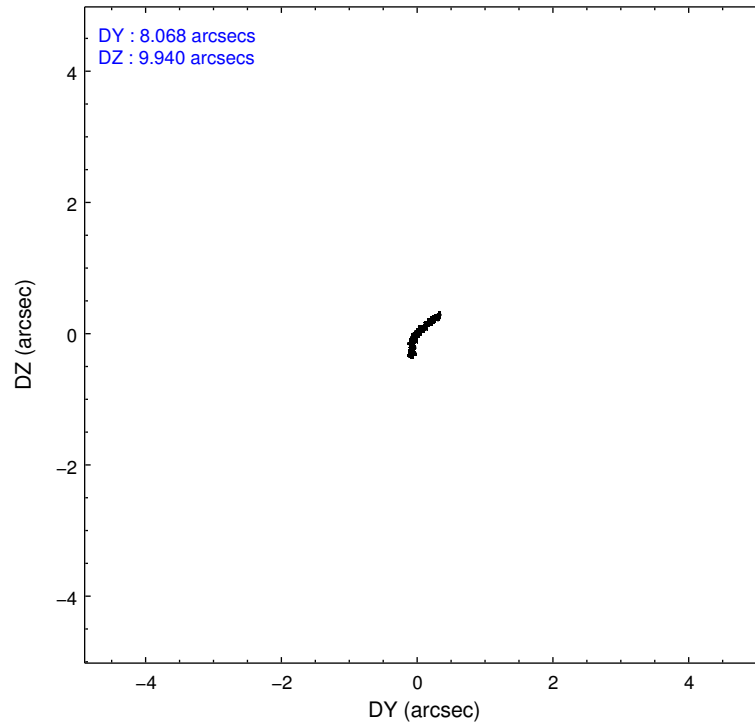
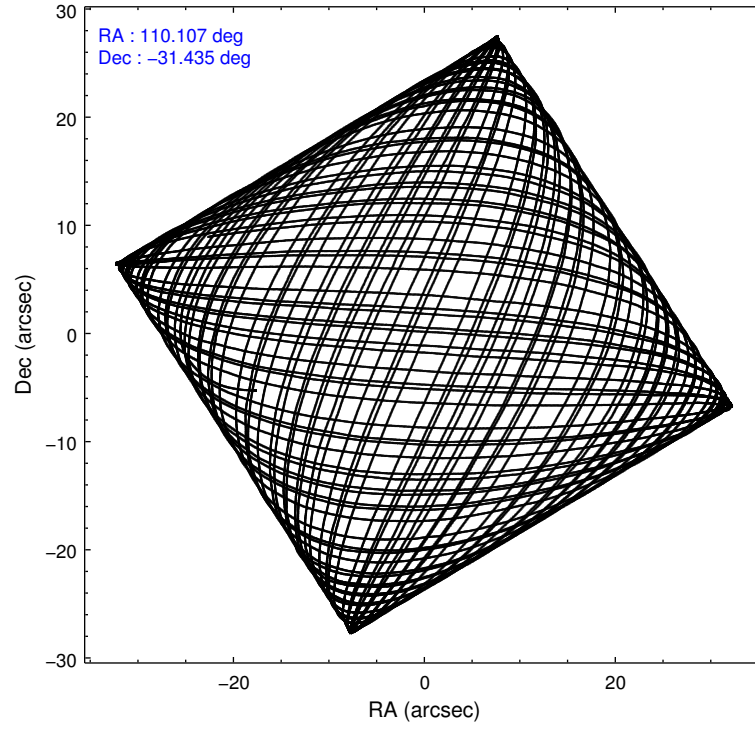
Level 1 Events

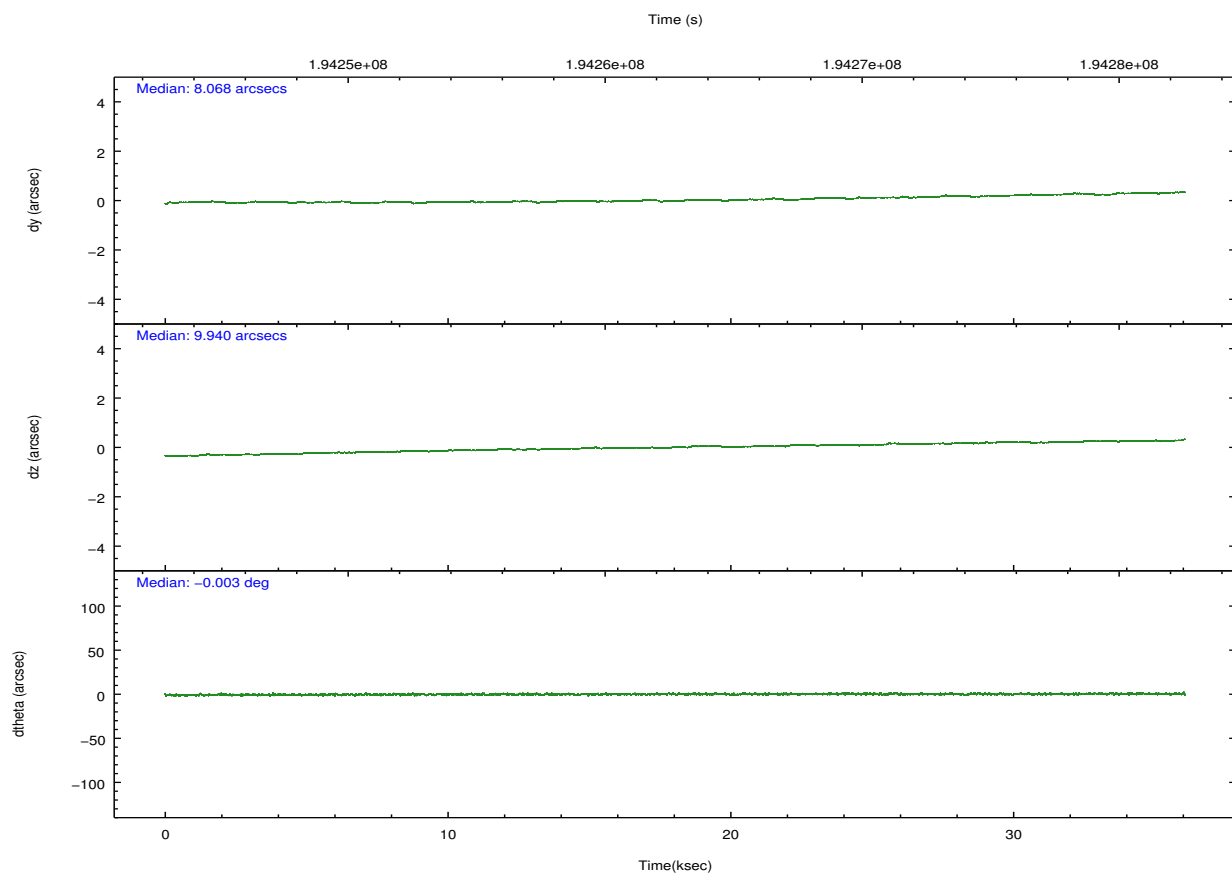
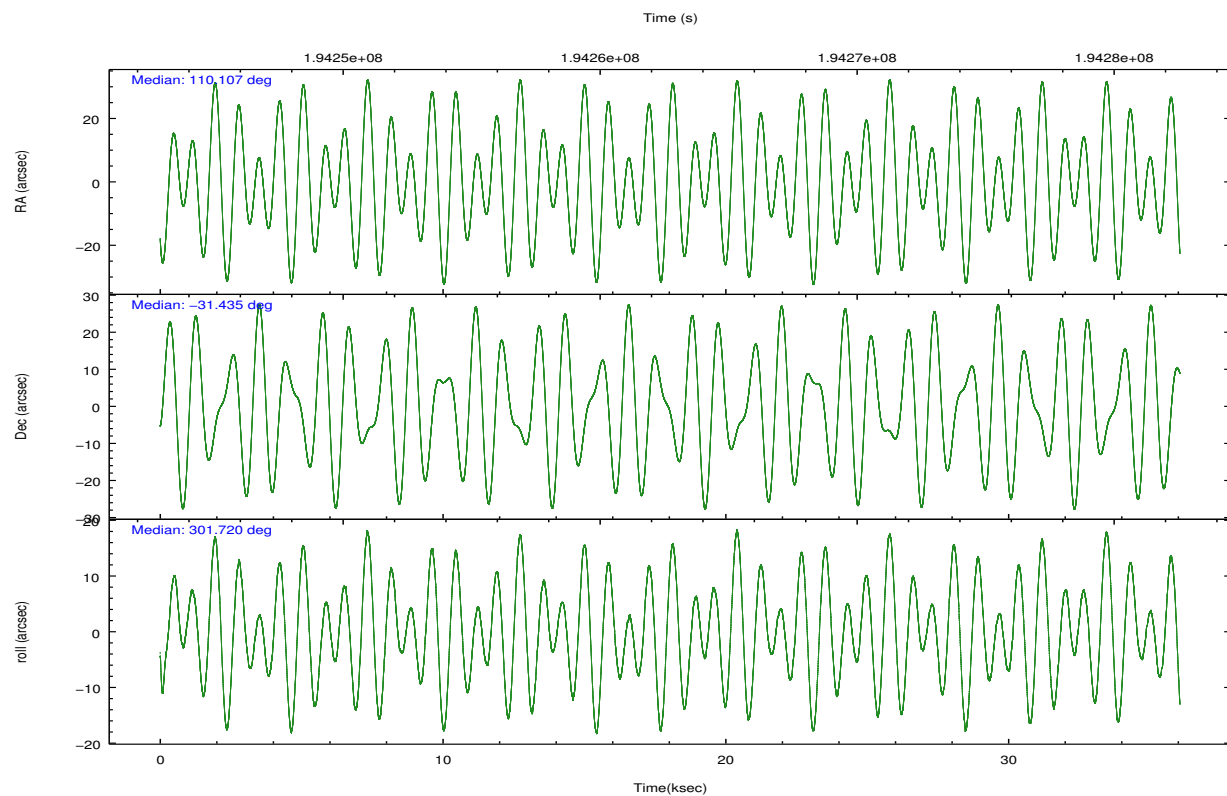
	segment 1	segment 2	segment 3
level 1 events	797485	788812	802483
rejected events	1778	1836	1826
rejected %	0%	0%	0%

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	110.076643	110.1069365553504			
[deg] Pointing Dec	-31.422377	-31.43463965782076			
[deg] Pointing Roll	301.646126	301.7292617781537			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	194244870.184000	194244158.07621			
Observation start date	2004-02-27T04:53:26	2004-02-27T04:42:38			
[s] Observation end time (MET)	194280745.184000	194281499.34035			
Observation end date	2004-02-27T14:51:21	2004-02-27T15:04:59			

2.3 Aspect



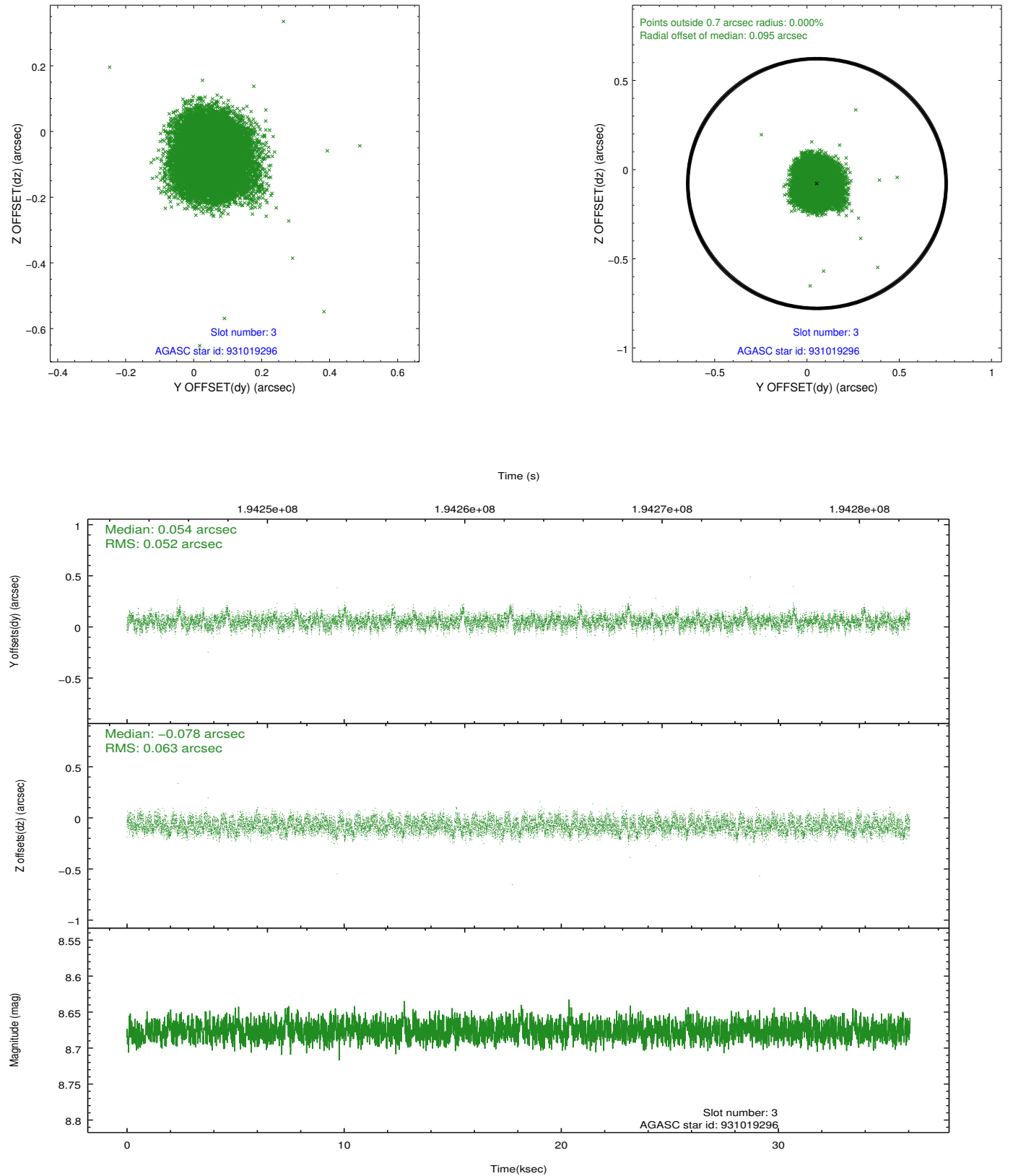


Slot Statistics

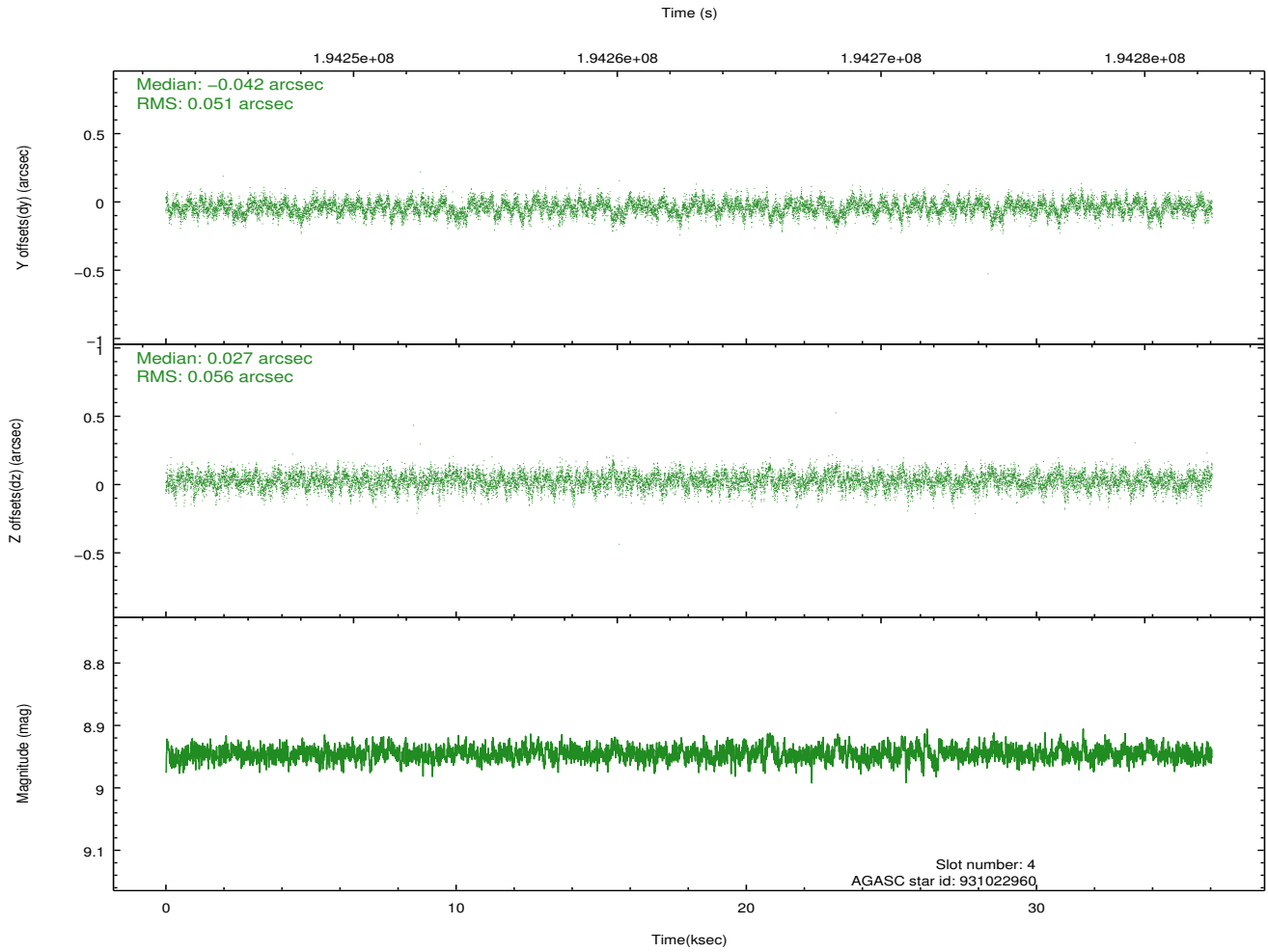
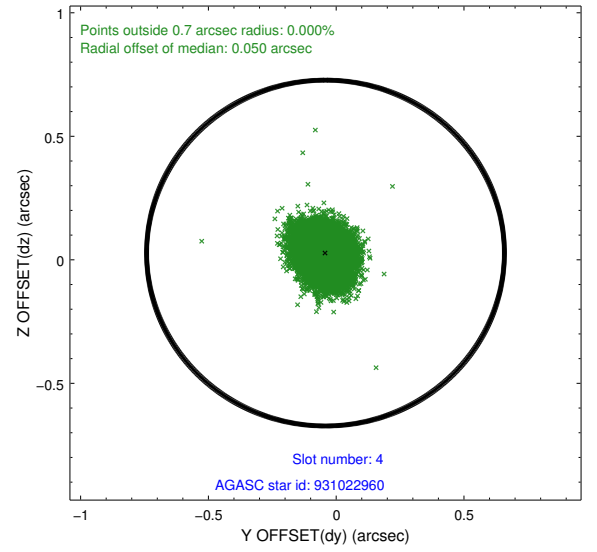
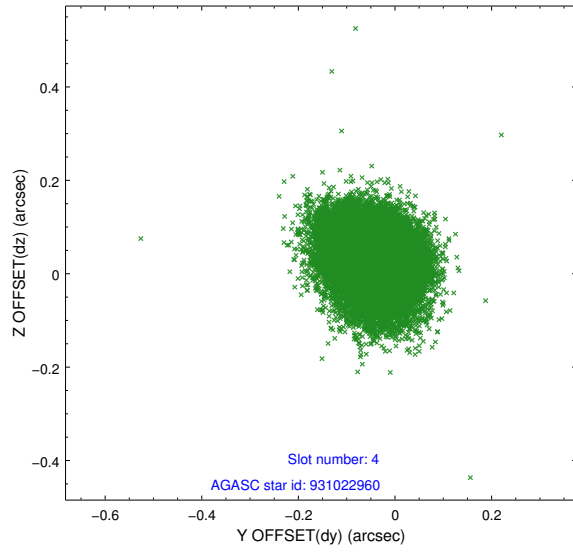
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	8793	0.151	-0.187	0.008	0.013	0.000000	0.000000	-1162.28	-458.58
1	FID	HRC-S-2	6.98	8794	0.129	-0.109	0.005	0.010	0.000000	0.000000	1237.25	-451.22
2	FID	HRC-S-3	7.00	8795	0.110	-0.006	0.008	0.014	0.000000	0.000000	-1164.89	571.08
3	GUIDE	931019296	8.68	17586	0.054	-0.078	0.088	0.136	109.471771	-31.694370	-133.30	-2093.86
4	GUIDE	931022960	8.95	17555	-0.042	0.027	0.081	0.133	109.733092	-31.864448	805.69	-1729.87
5	GUIDE	931160352	8.63	17583	-0.065	0.022	0.070	0.118	110.268138	-30.864891	-1397.66	1556.40
6	GUIDE	931018016	8.48	17497	-0.013	0.004	0.077	0.123	109.684535	-31.226562	-1231.27	-658.87
7	GUIDE	931163512	8.46	17583	0.065	0.026	0.090	0.139	110.894384	-31.299941	952.50	2368.08

2.4 Star Slots

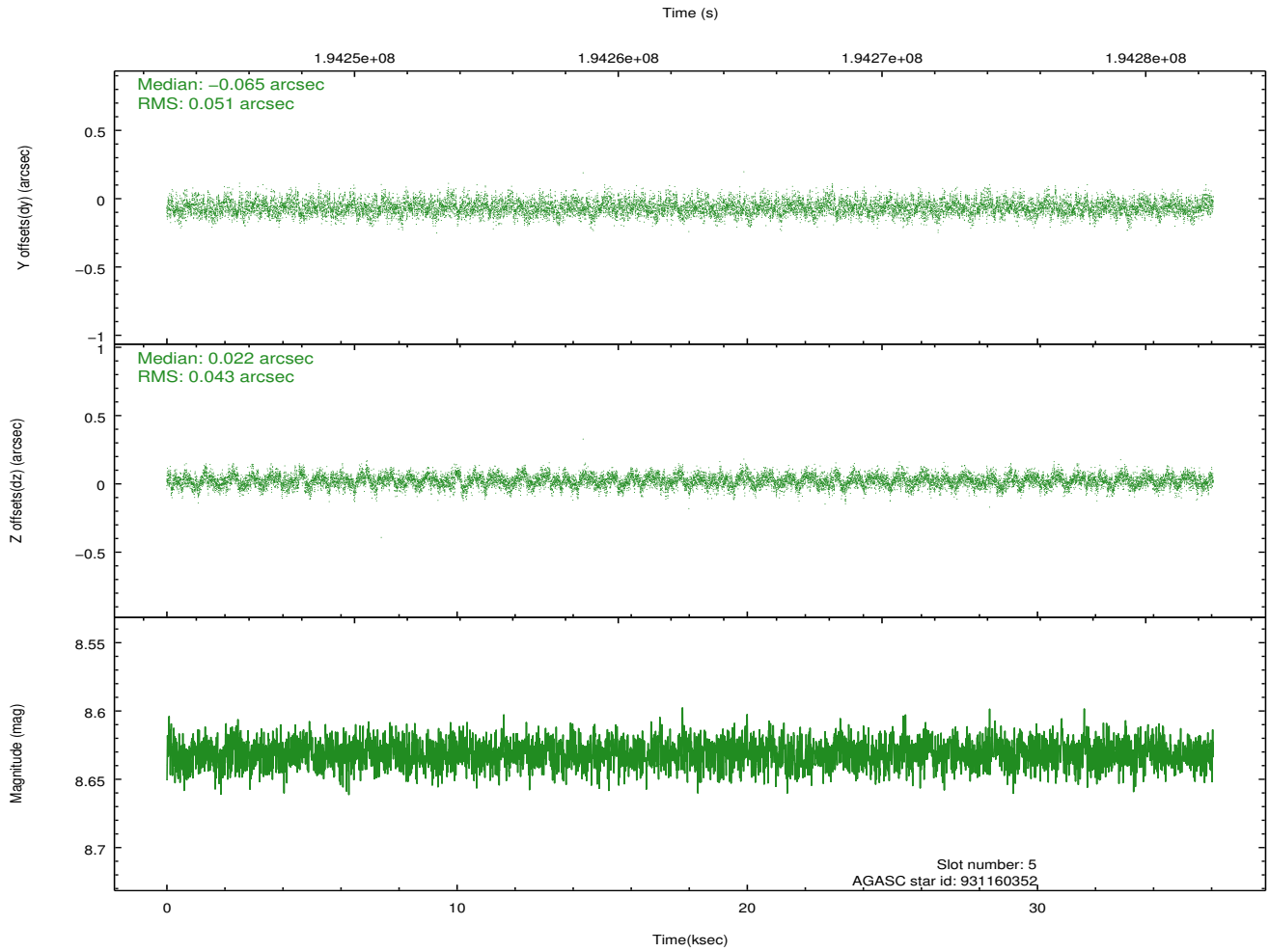
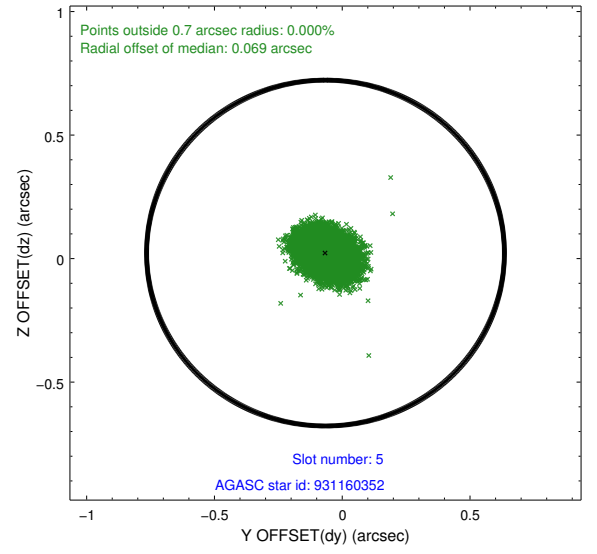
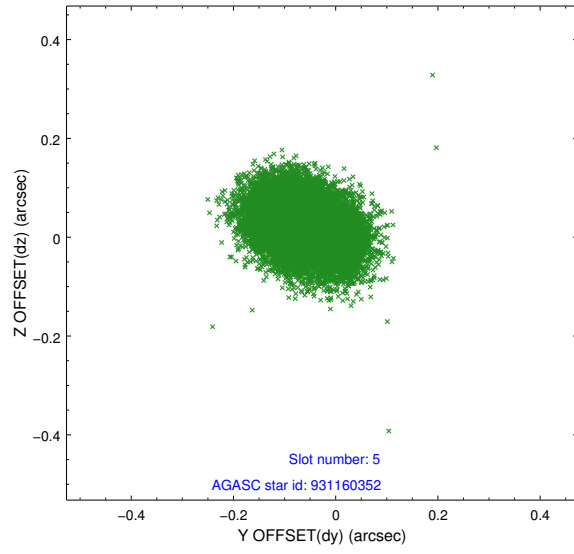
2.4.1 Slot 3



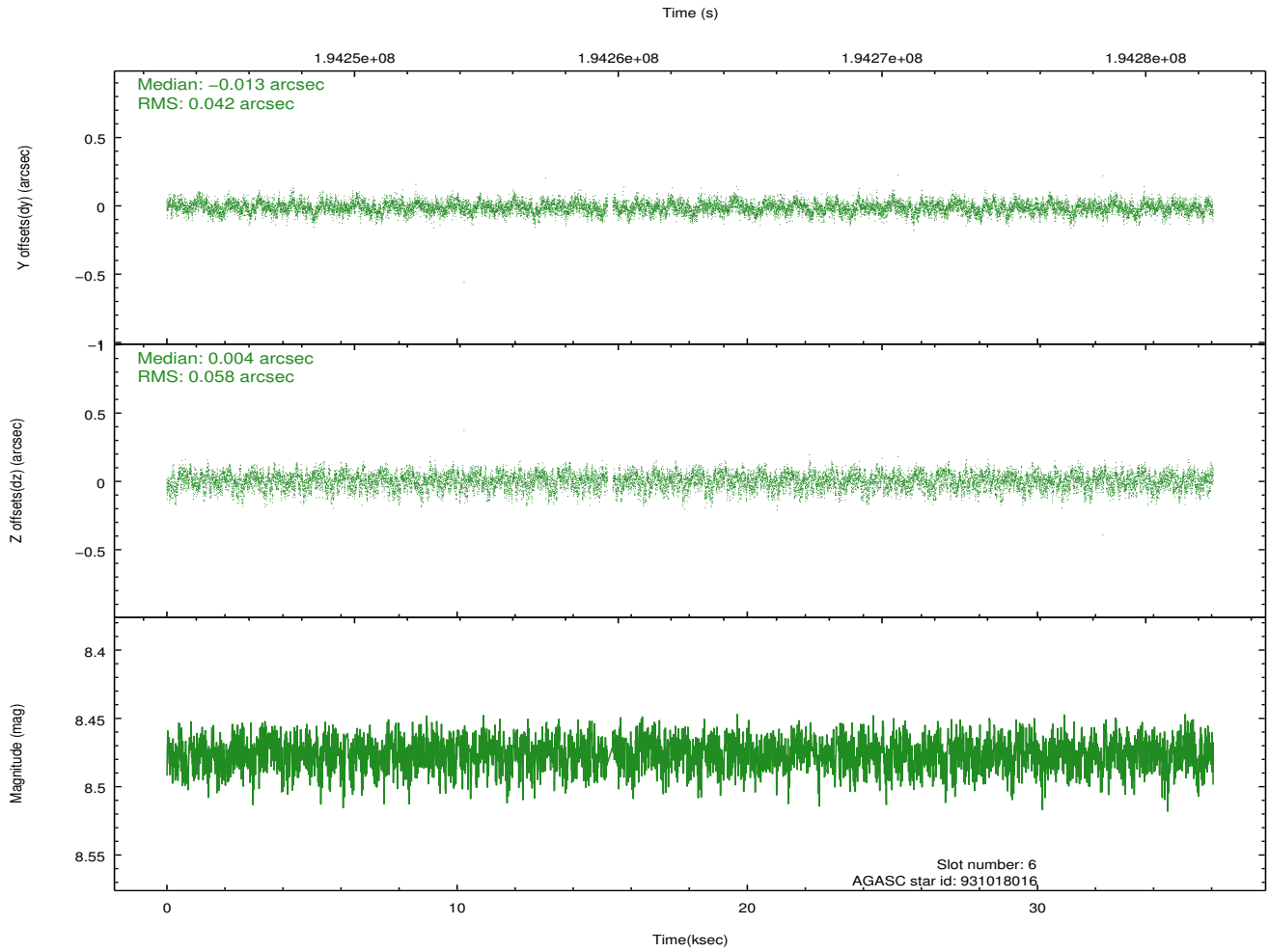
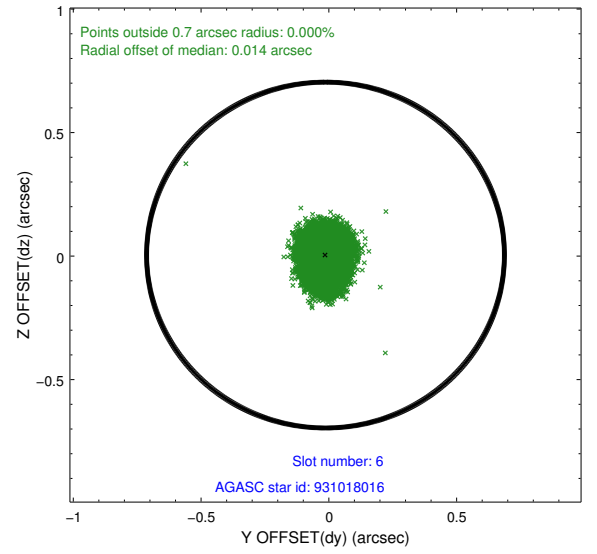
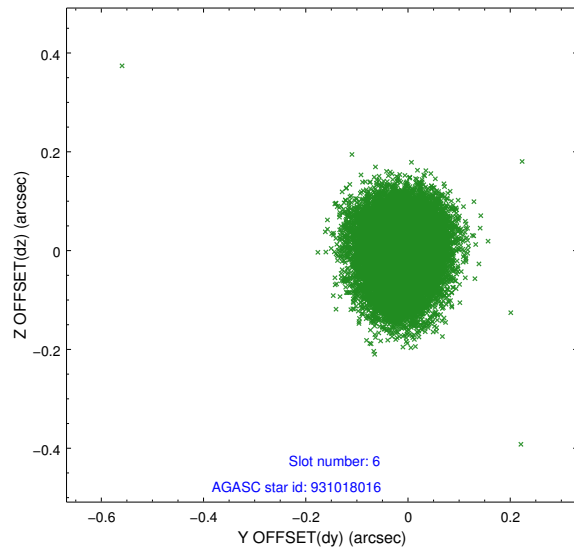
2.4.2 Slot 4



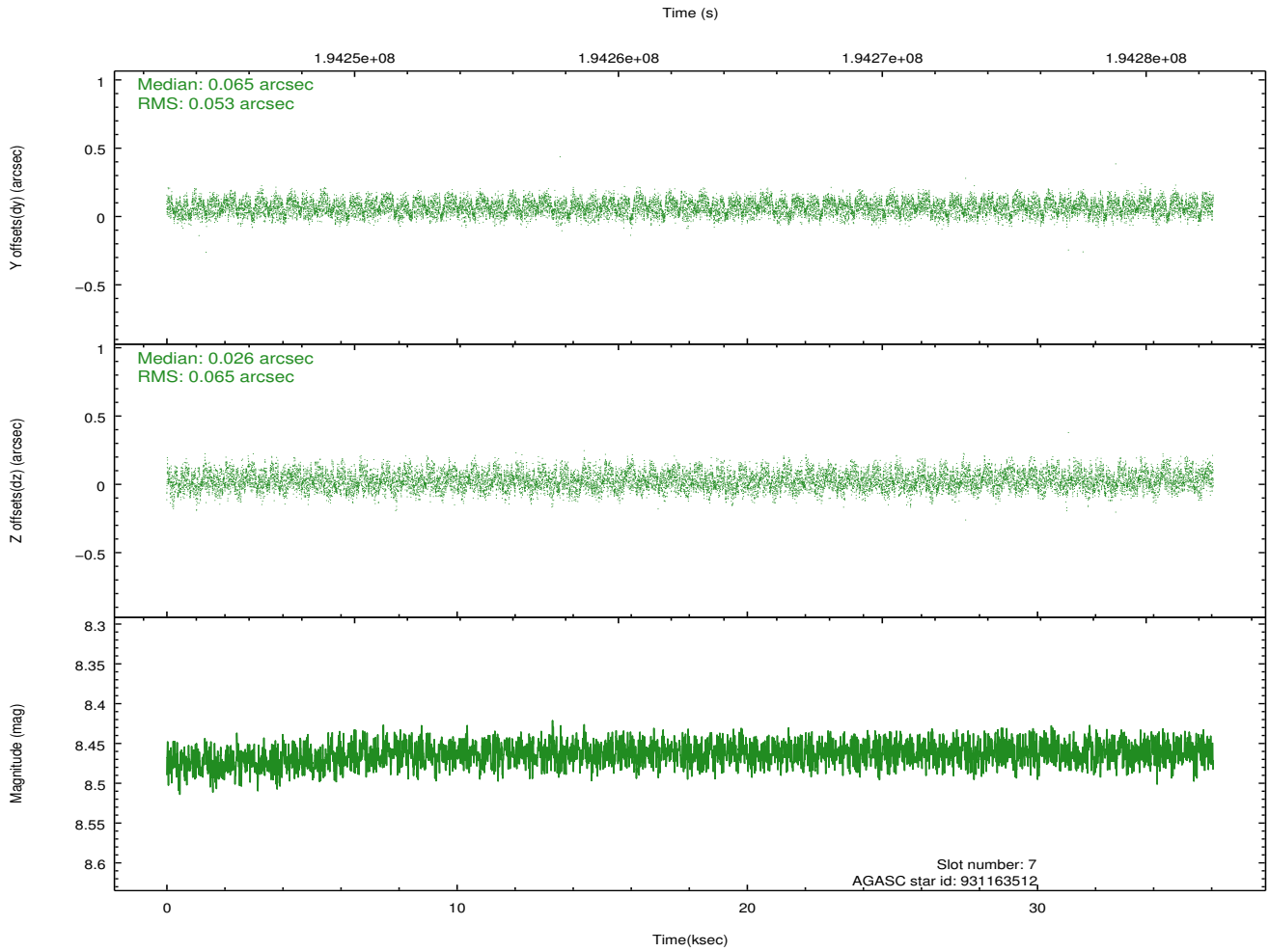
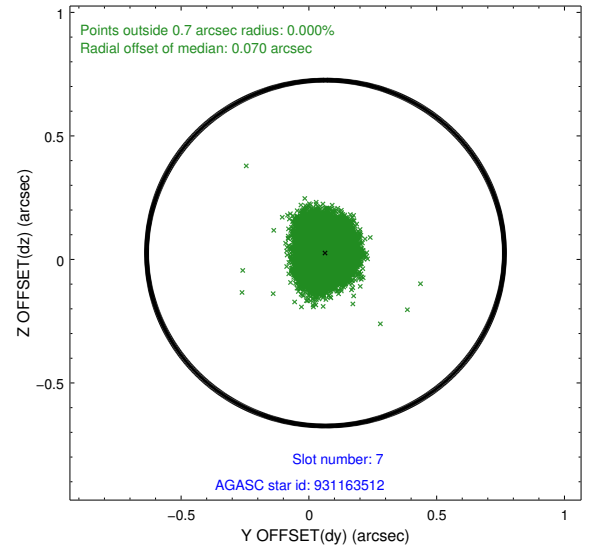
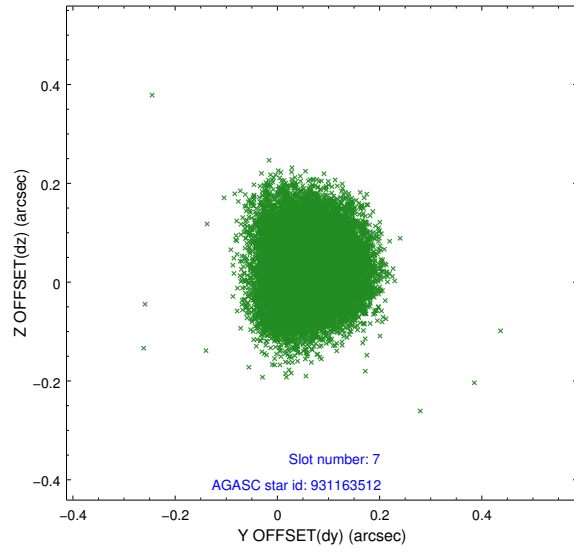
2.4.3 Slot 5



2.4.4 Slot 6

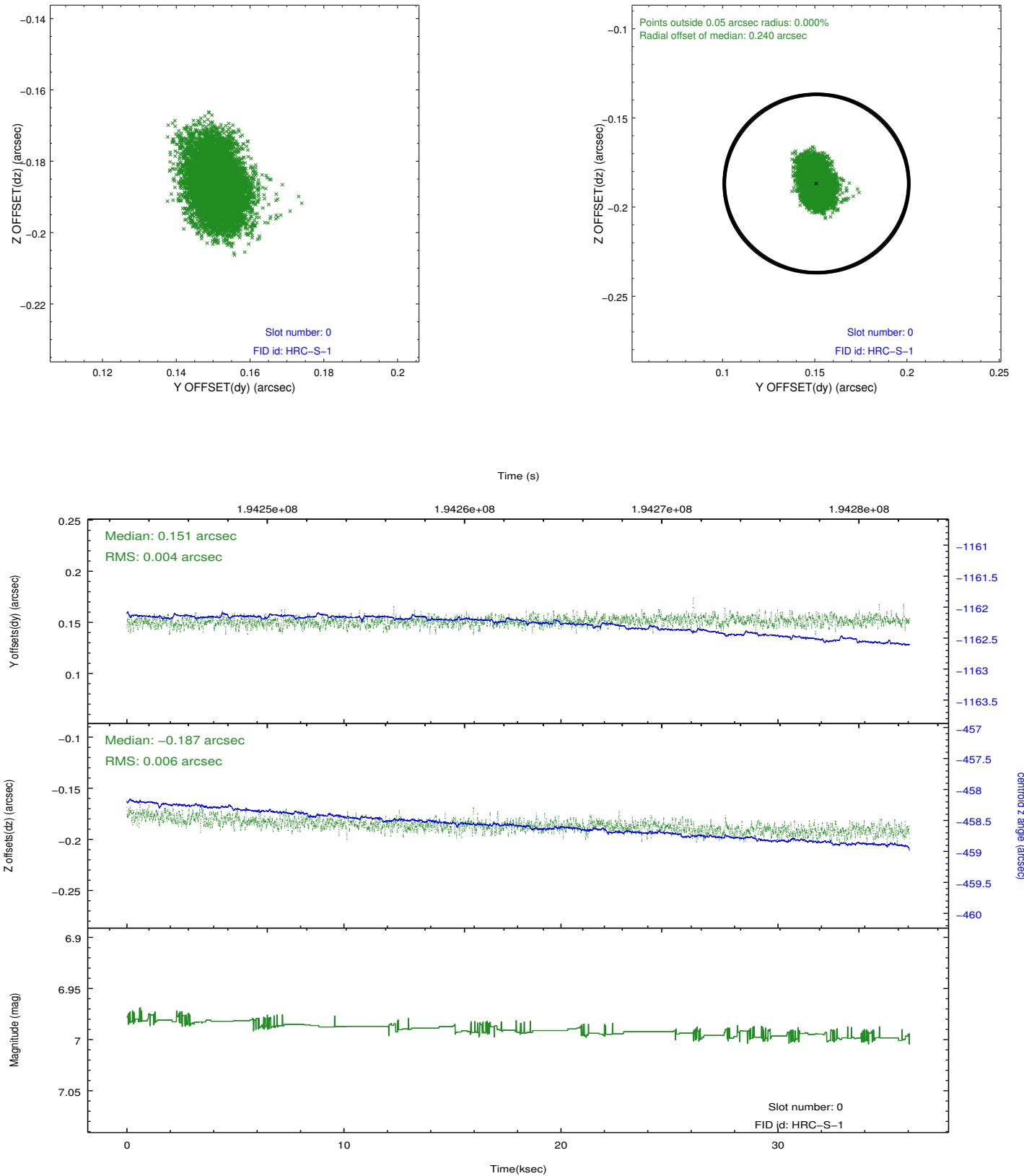


2.4.5 Slot 7

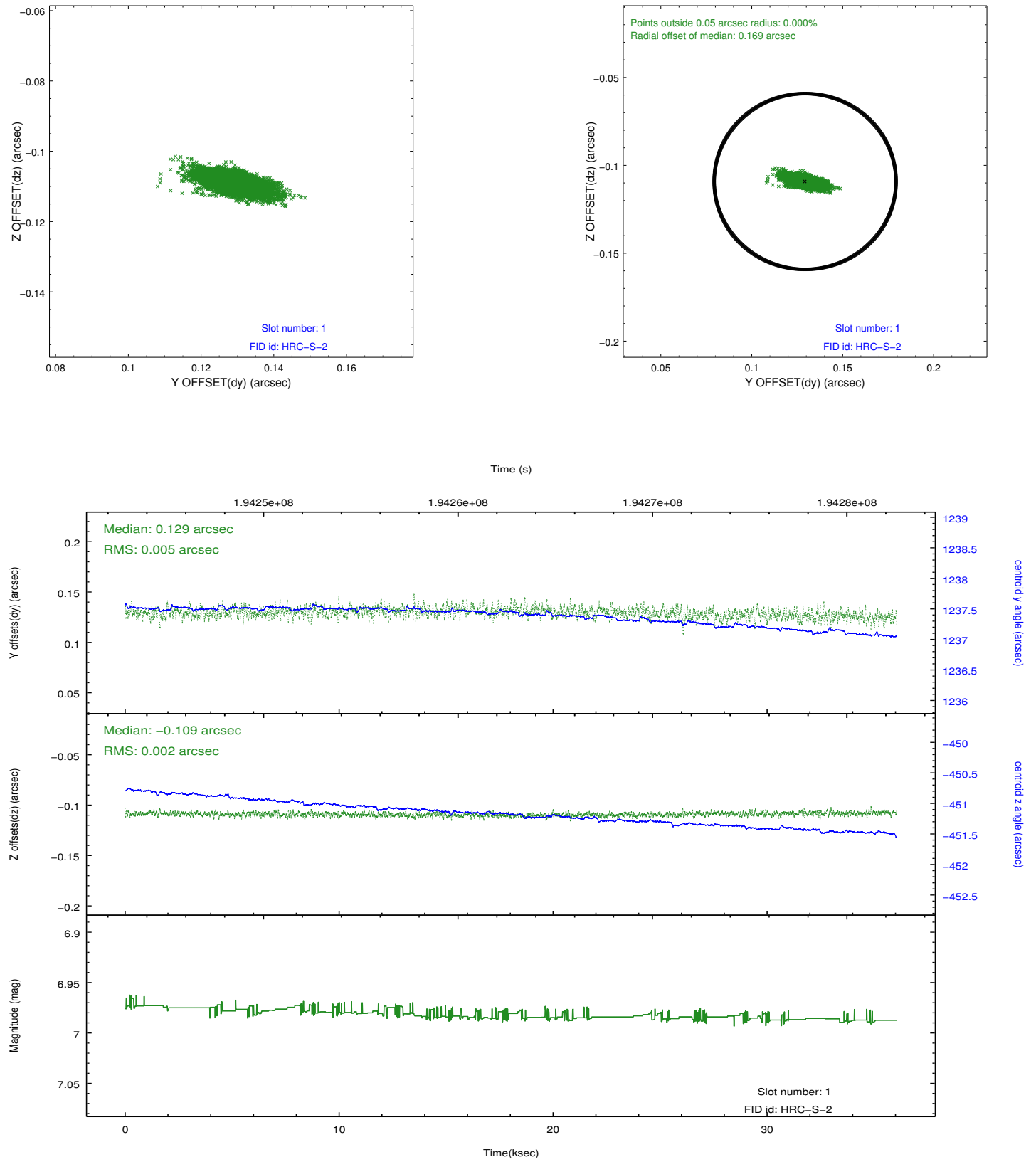


2.5 FID Slots

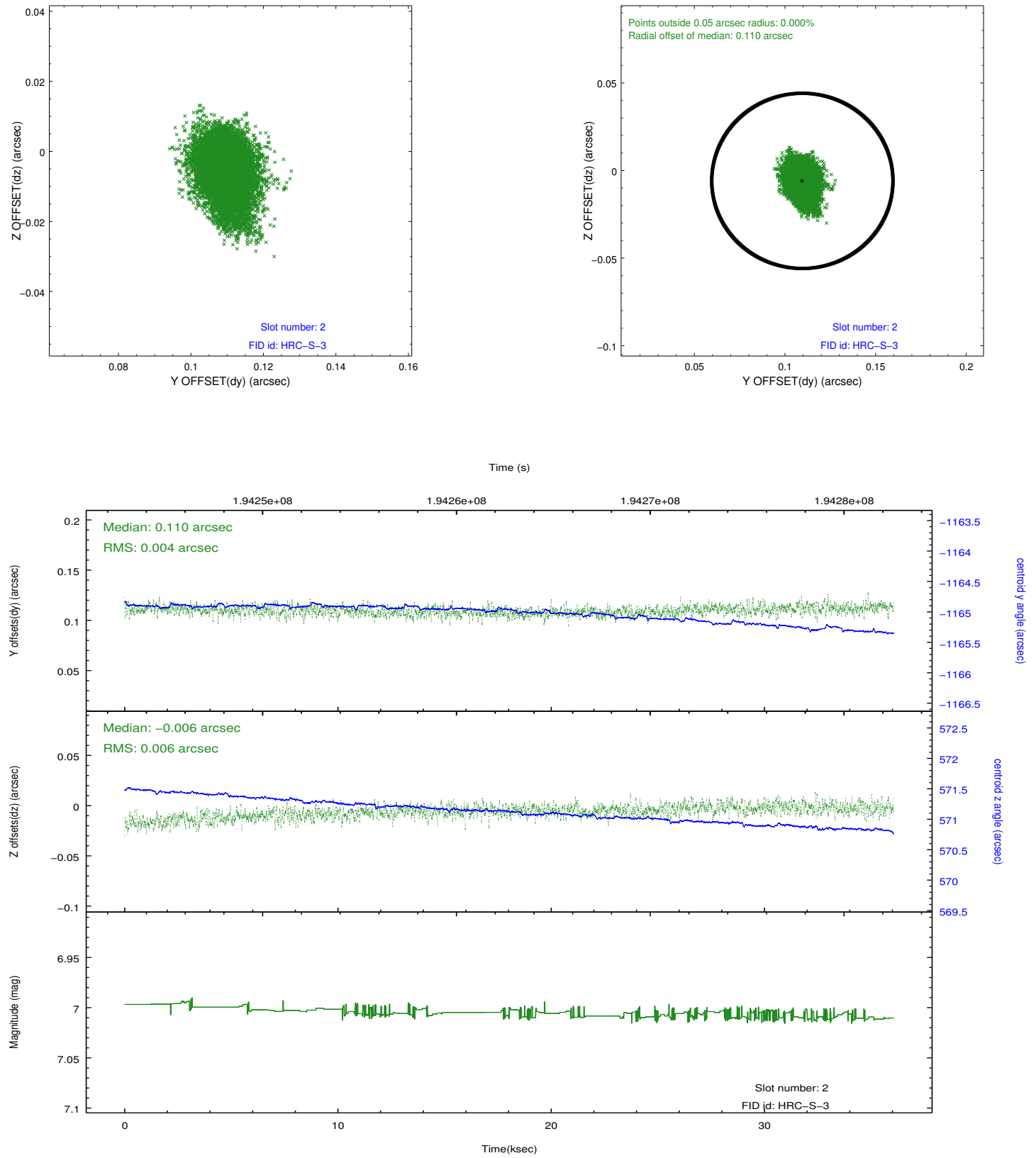
2.5.1 Slot 0



2.5.2 Slot 1

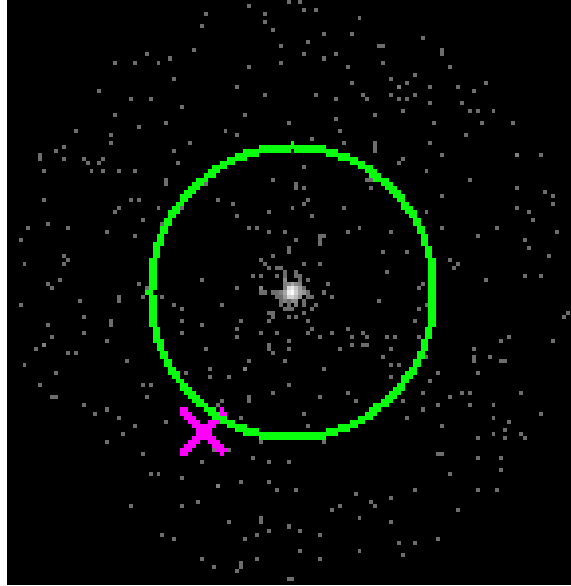


2.5.3 Slot 2

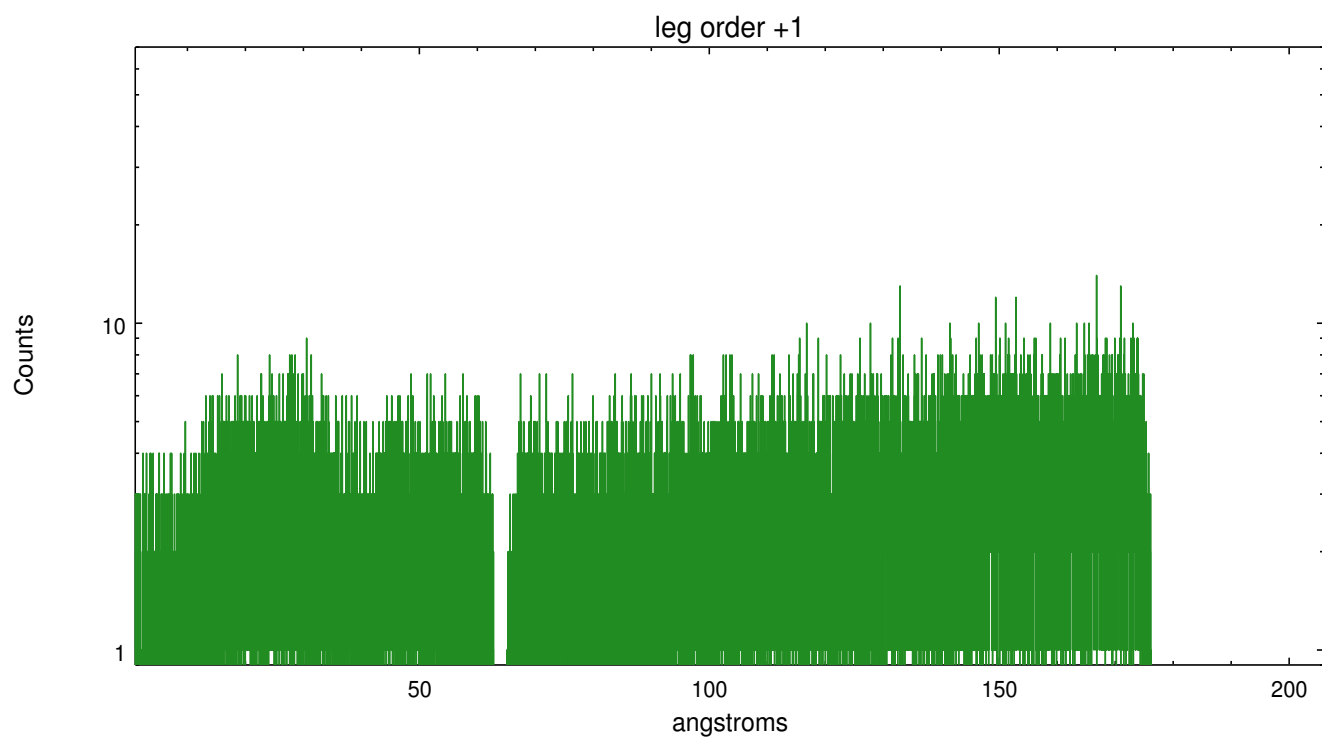
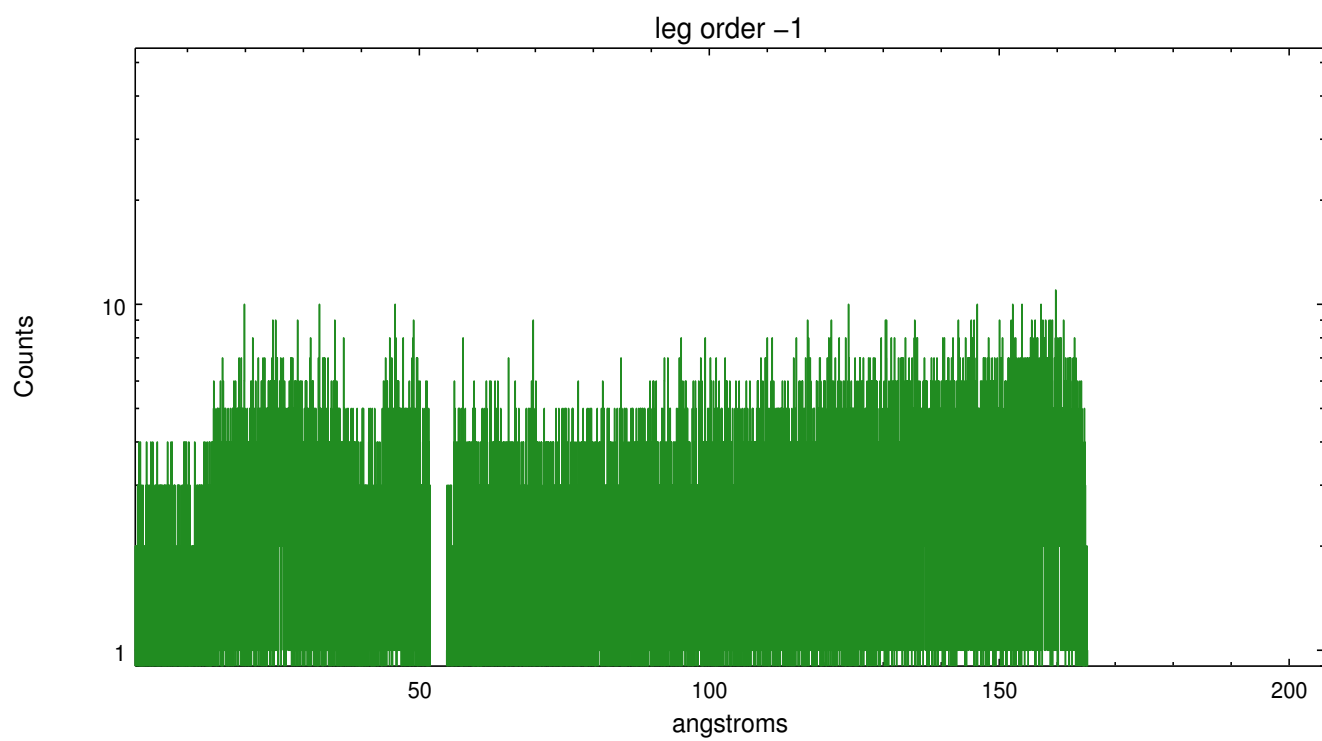


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.705

A.2 Comments