

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6476 - L2 Version 4
Chandra X-Ray Center

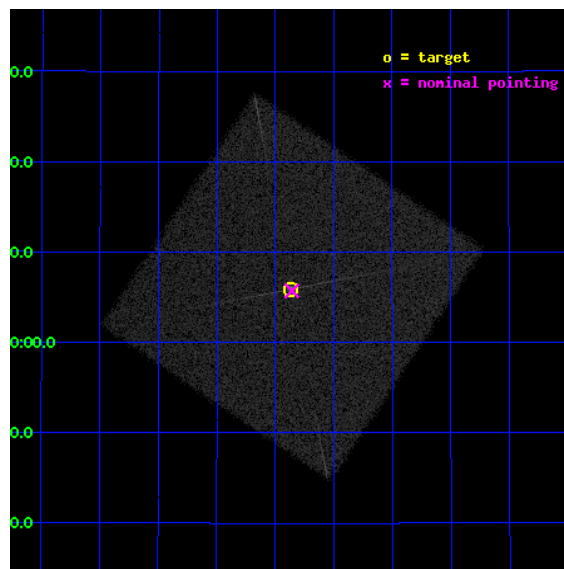
L2 Processing Date : Aug 11 2012

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1 Front

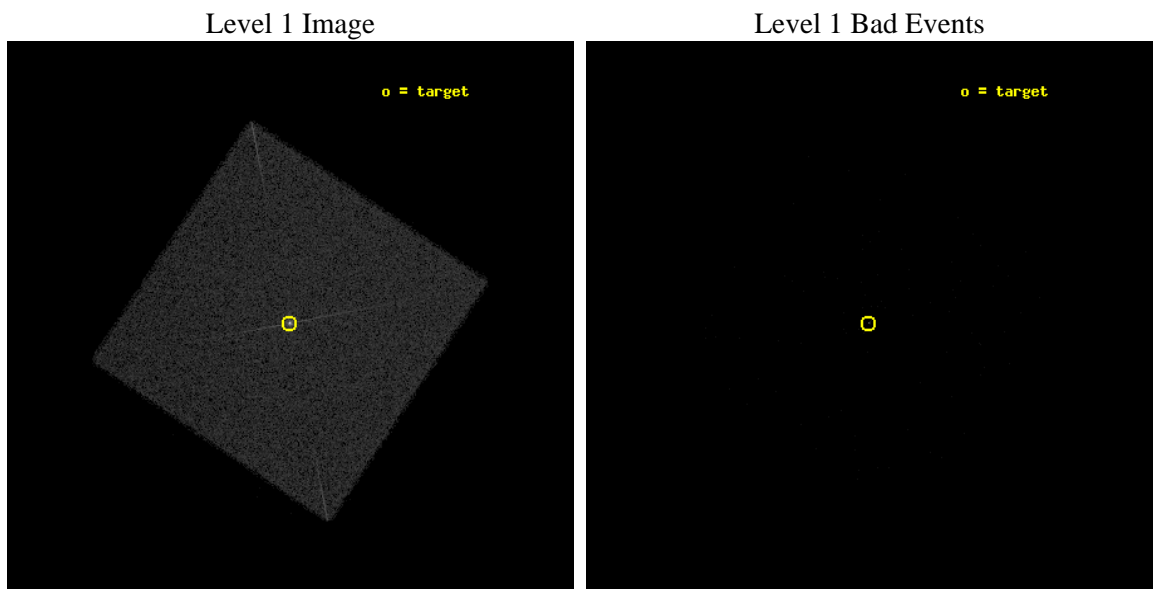
seq_num	290569	Sequence number
obs_id	6476	Observation id
title	AO7 Calibration Observations of HZ43	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HZ43	Source name
ra_targ	199.092083	Observer's specified target RA [deg]
dec_targ	29.099	Observer's specified target Dec [deg]
ra_nom	199.08954420638	Nominal RA [deg]
dec_nom	29.095538587559	Nominal Dec [deg]
roll_nom	258.87370448926	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2188.6313525438	[s]
livetime	2168.541833285	Ontime multiplied by DTCOR
l2events	116357	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2188.6313525438	[s]
caldbver	4.5.1.1	 	l1events	207226	Number of level 1 events
date	2012-08-11T10:21:58	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

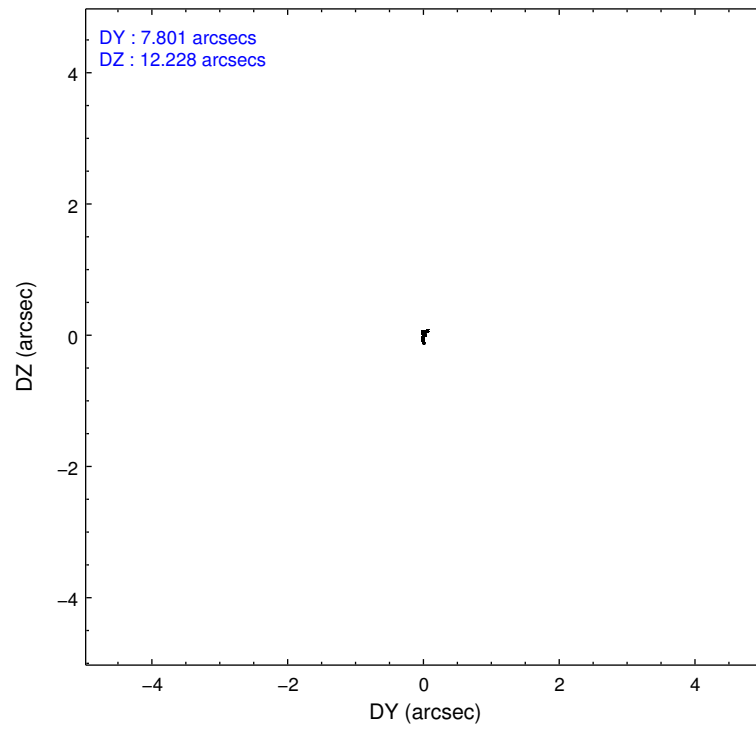
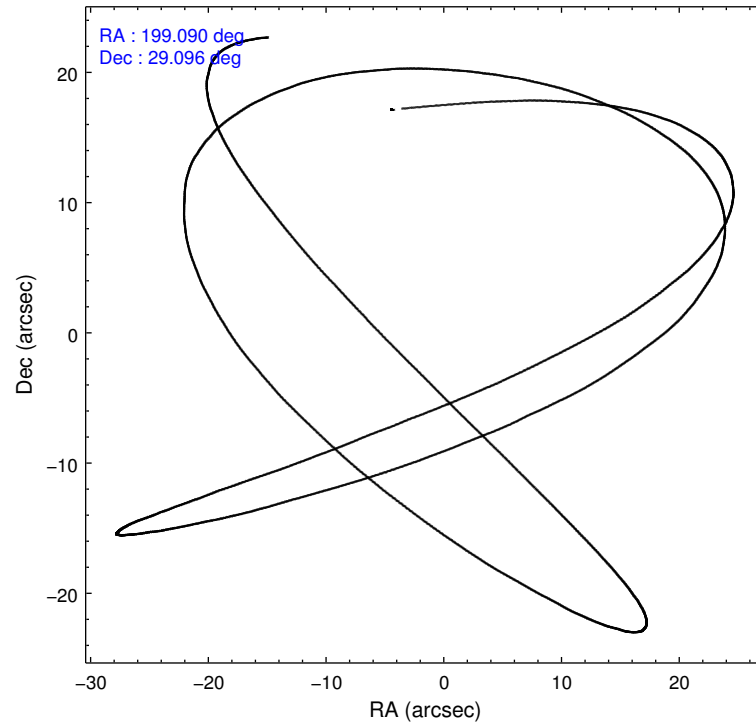
Level 1 Events

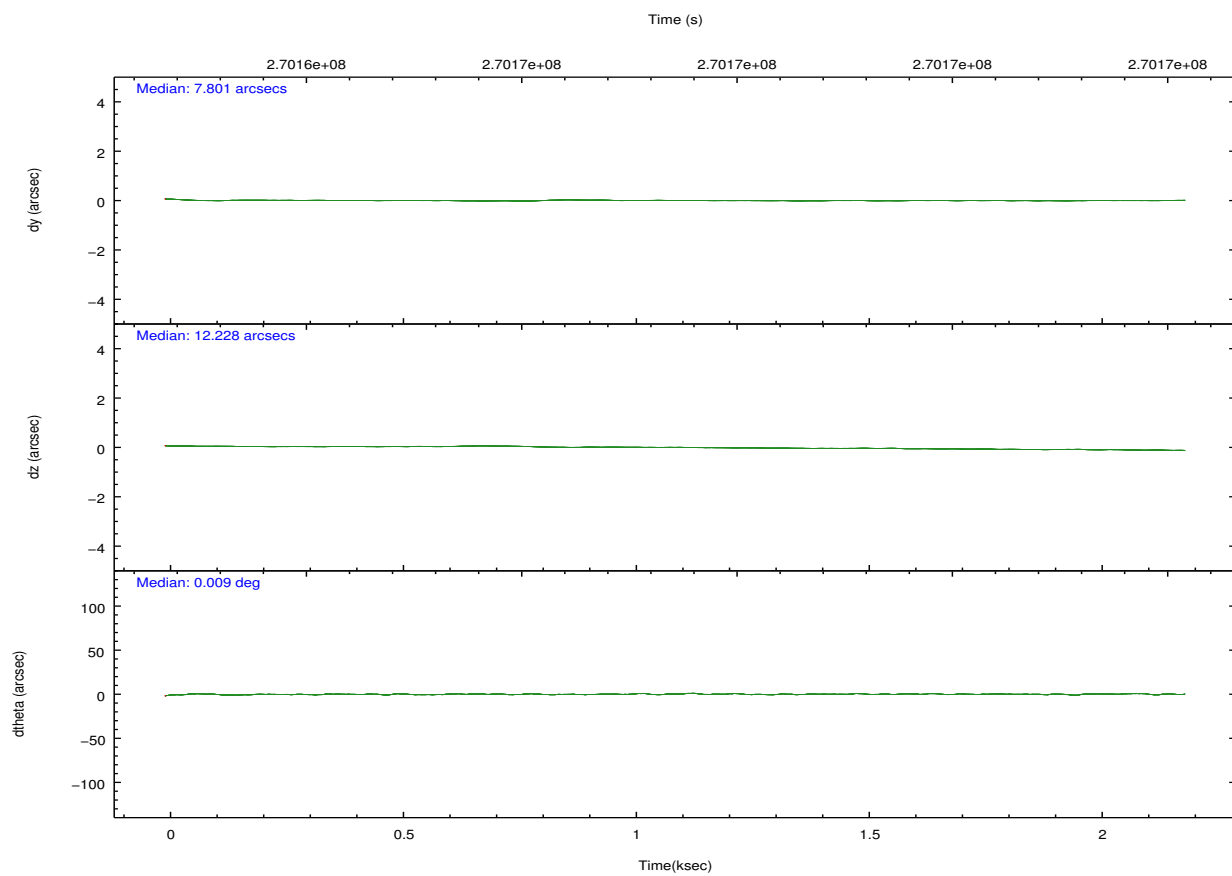
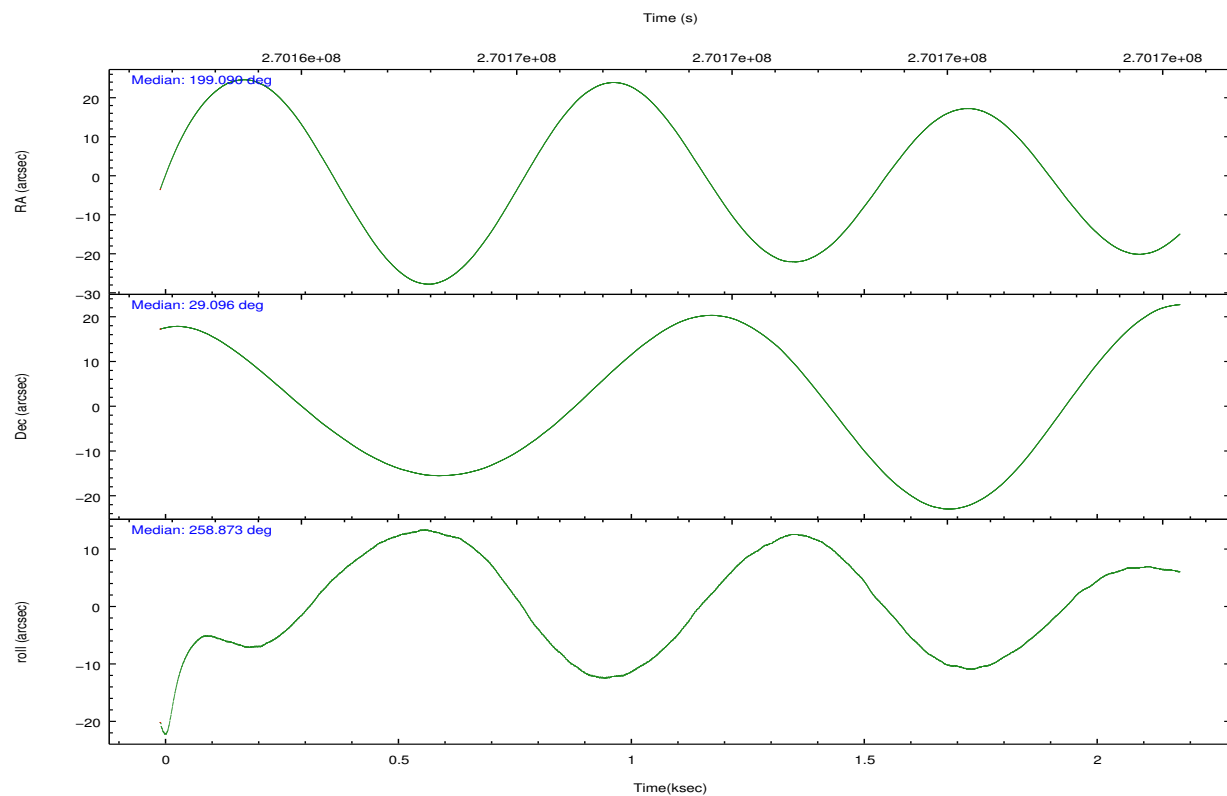
	segment 0
level 1 events	207226
rejected events	38591
rejected %	18%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	LETG	LETG	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	199.078713	199.0895442063789			
[deg] Pointing Dec	29.120967	29.09553858755916			
[deg] Pointing Roll	258.974649	258.8737044892599			
[s] Window start time (MET)	265507265.184000	265507265.184000			
[s] Window stop time (MET)	270691265.184000	270691265.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	270164947.184000	270164100.35327			
Observation start date	2006-07-24T21:48:02	2006-07-24T21:35:00			
[s] Observation end time (MET)	270166947.184000	270167471.57842			
Observation end date	2006-07-24T22:21:22	2006-07-24T22:31:11			

2.3 Aspect



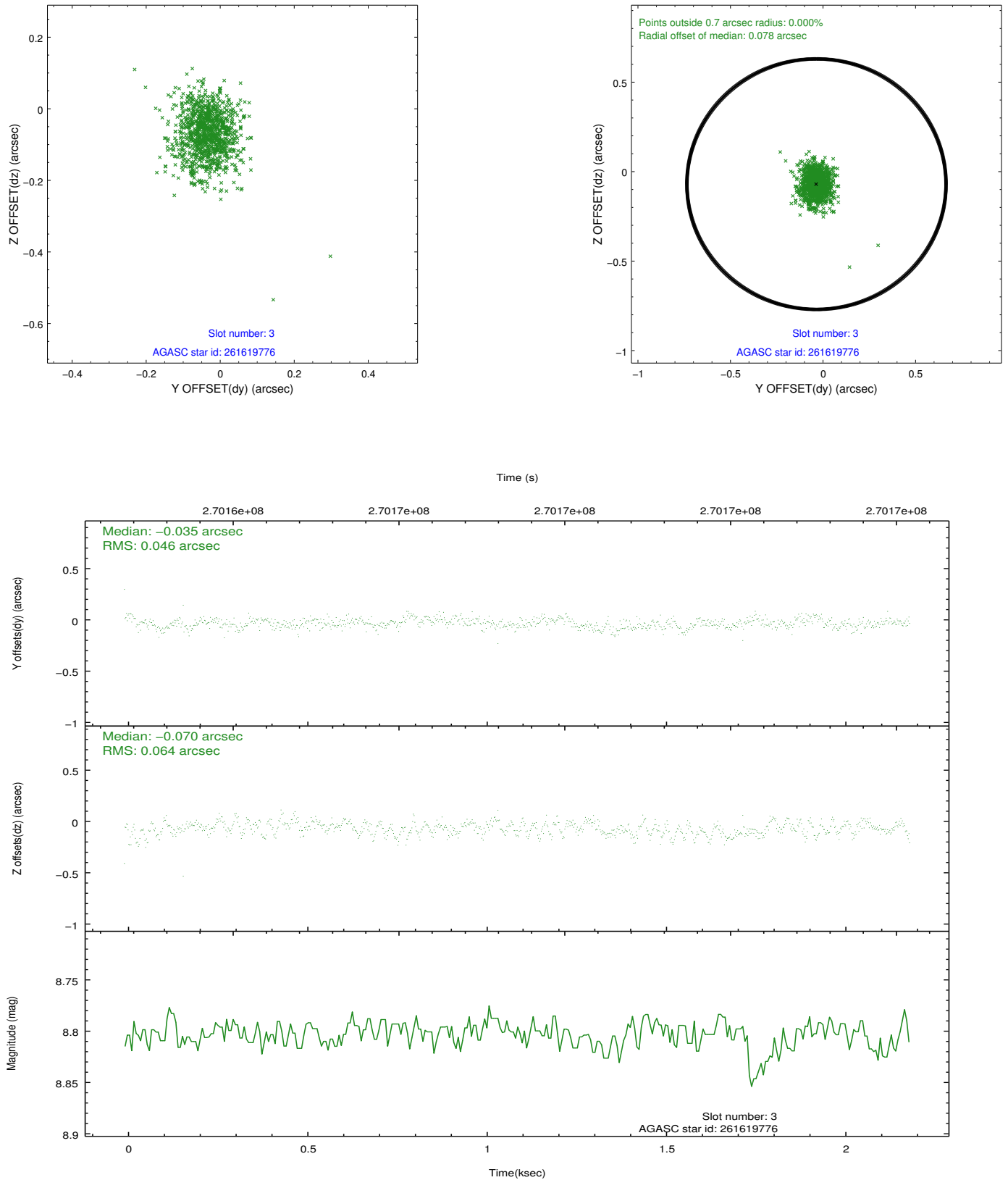


Slot Statistics

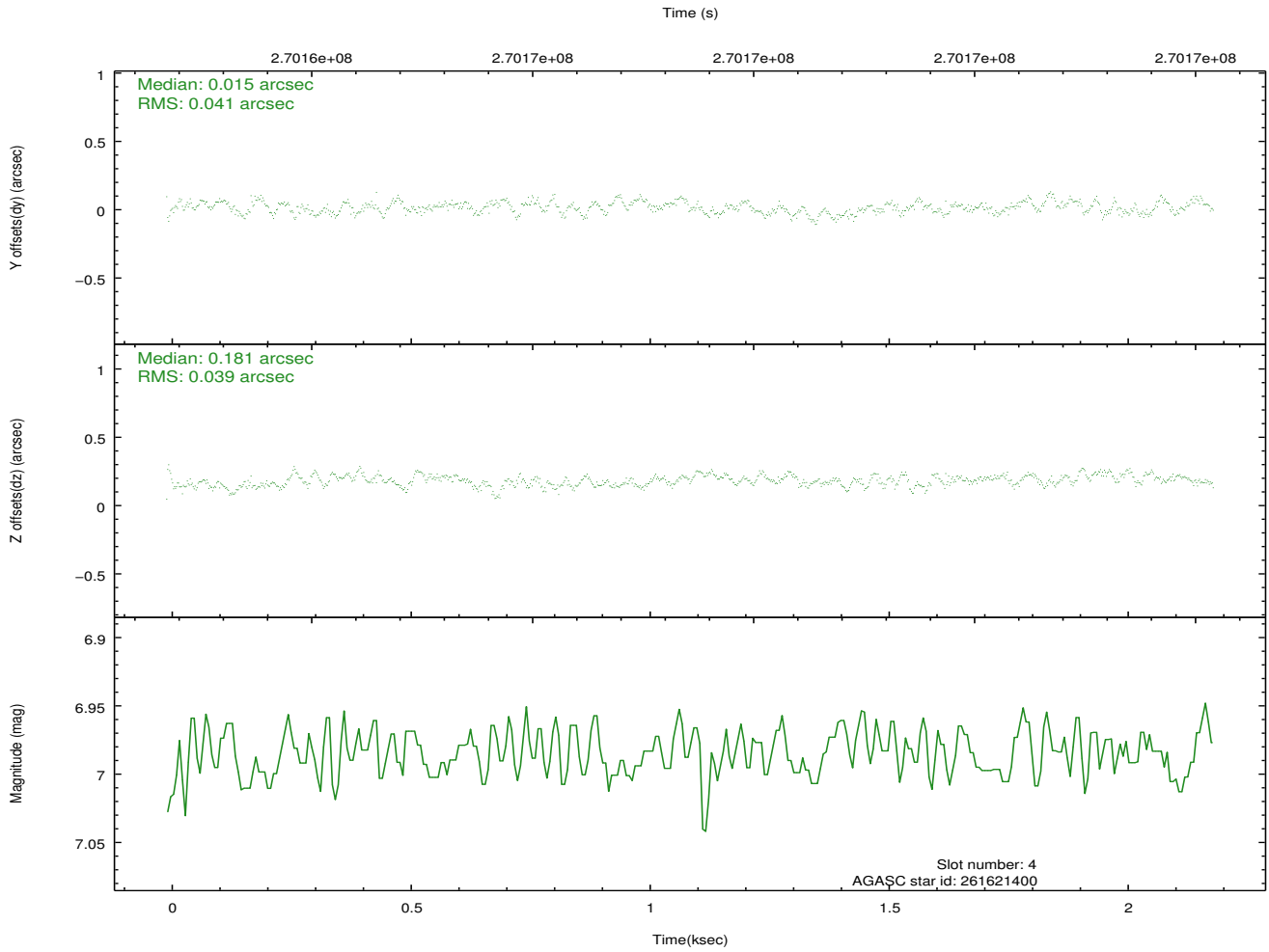
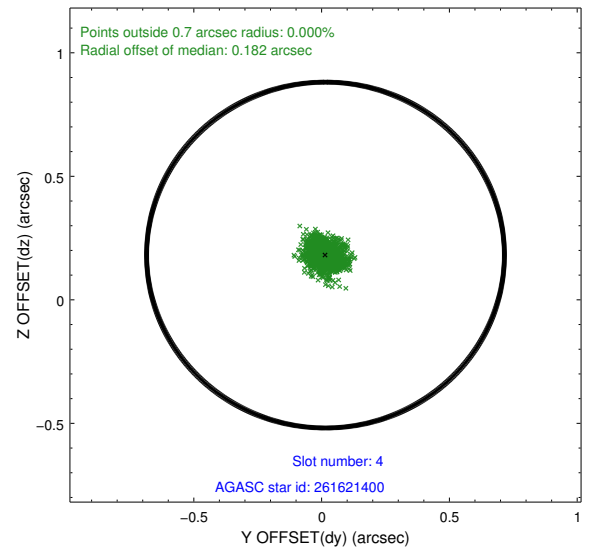
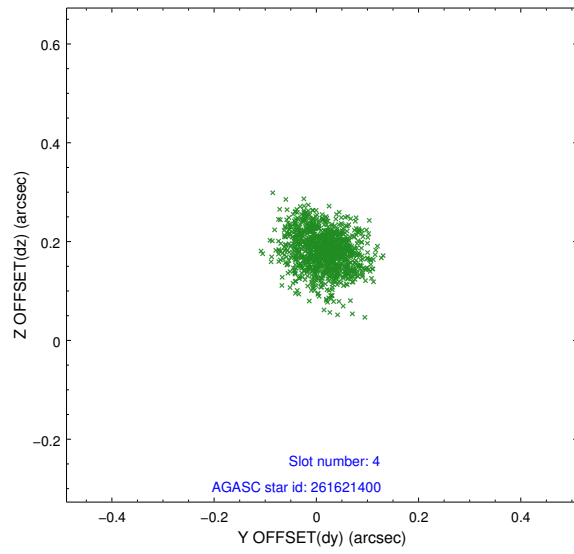
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.05	535	0.097	-0.088	0.006	0.010	0.000000	0.000000	849.31	-1301.87
1	FID	HRC-I-3	7.11	535	-0.101	0.034	0.005	0.009	0.000000	0.000000	-1190.40	1001.97
2	FID	HRC-I-4	7.06	535	0.123	-0.033	0.006	0.009	0.000000	0.000000	1277.29	1003.79
3	GUIDE	261619776	8.80	1068	-0.035	-0.070	0.080	0.137	198.654383	29.401174	-737.31	-1499.68
4	GUIDE	261621400	6.99	1069	0.015	0.181	0.062	0.096	198.901600	28.741982	1445.48	-289.67
5	GUIDE	261623040	9.12	1069	-0.013	0.007	0.094	0.151	198.792686	29.757643	-2078.03	-1316.66
6	GUIDE	261623624	9.12	1069	0.119	-0.009	0.093	0.160	199.611555	28.454113	2028.79	2112.31
7	GUIDE	261629720	8.10	1068	-0.080	-0.102	0.064	0.104	199.236176	29.044452	177.54	540.57

2.4 Star Slots

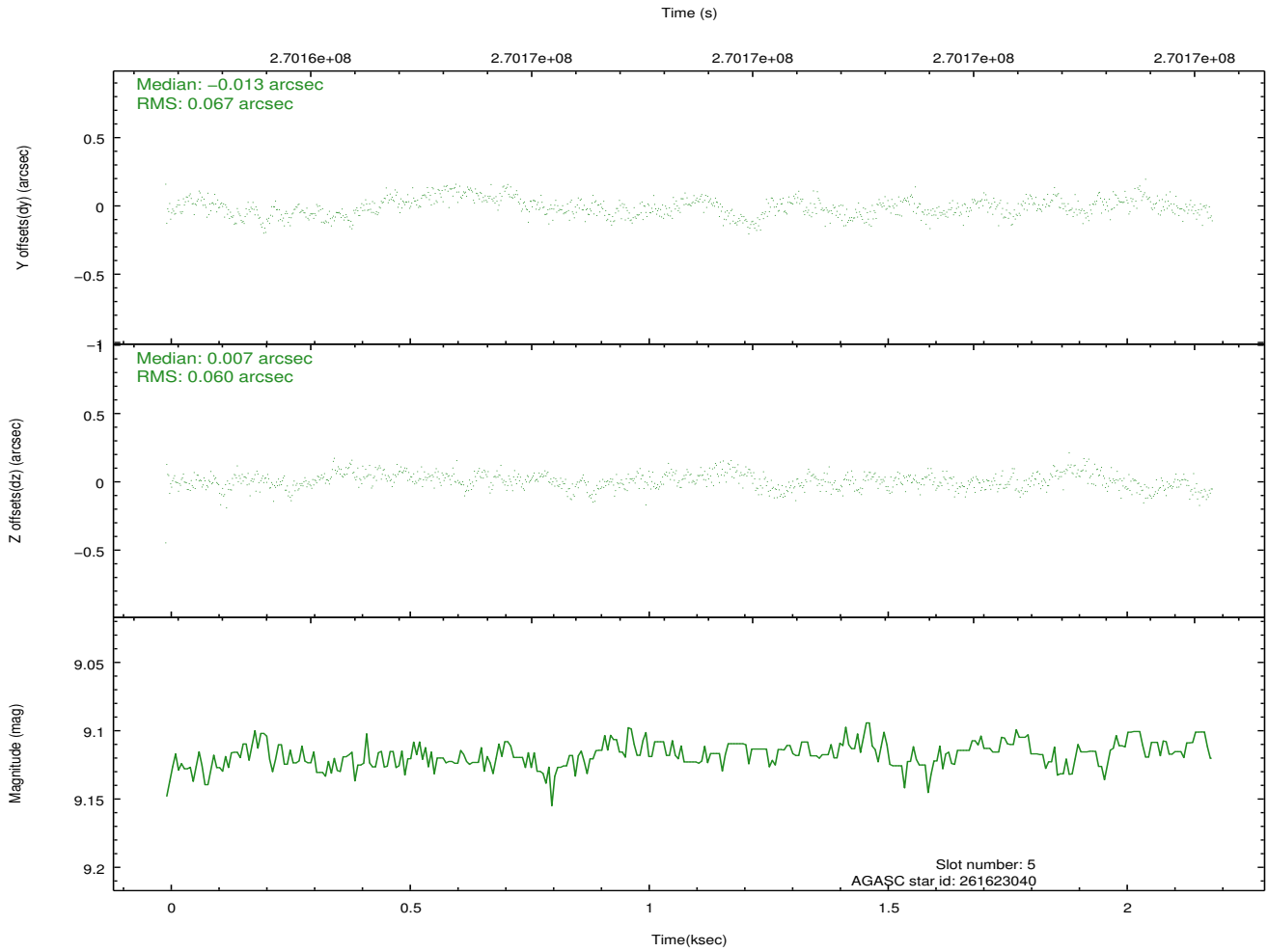
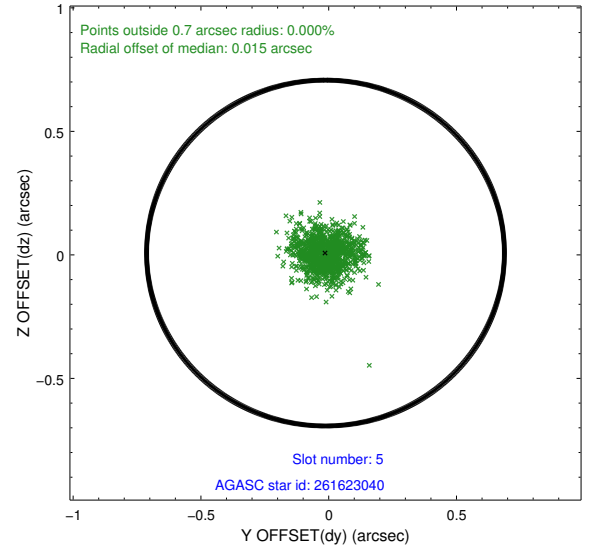
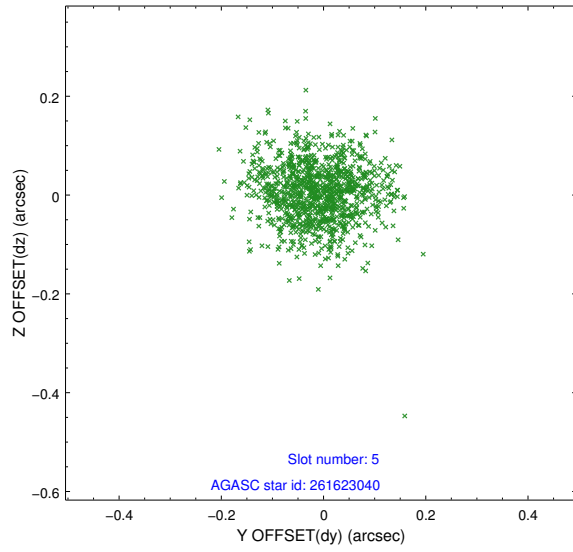
2.4.1 Slot 3



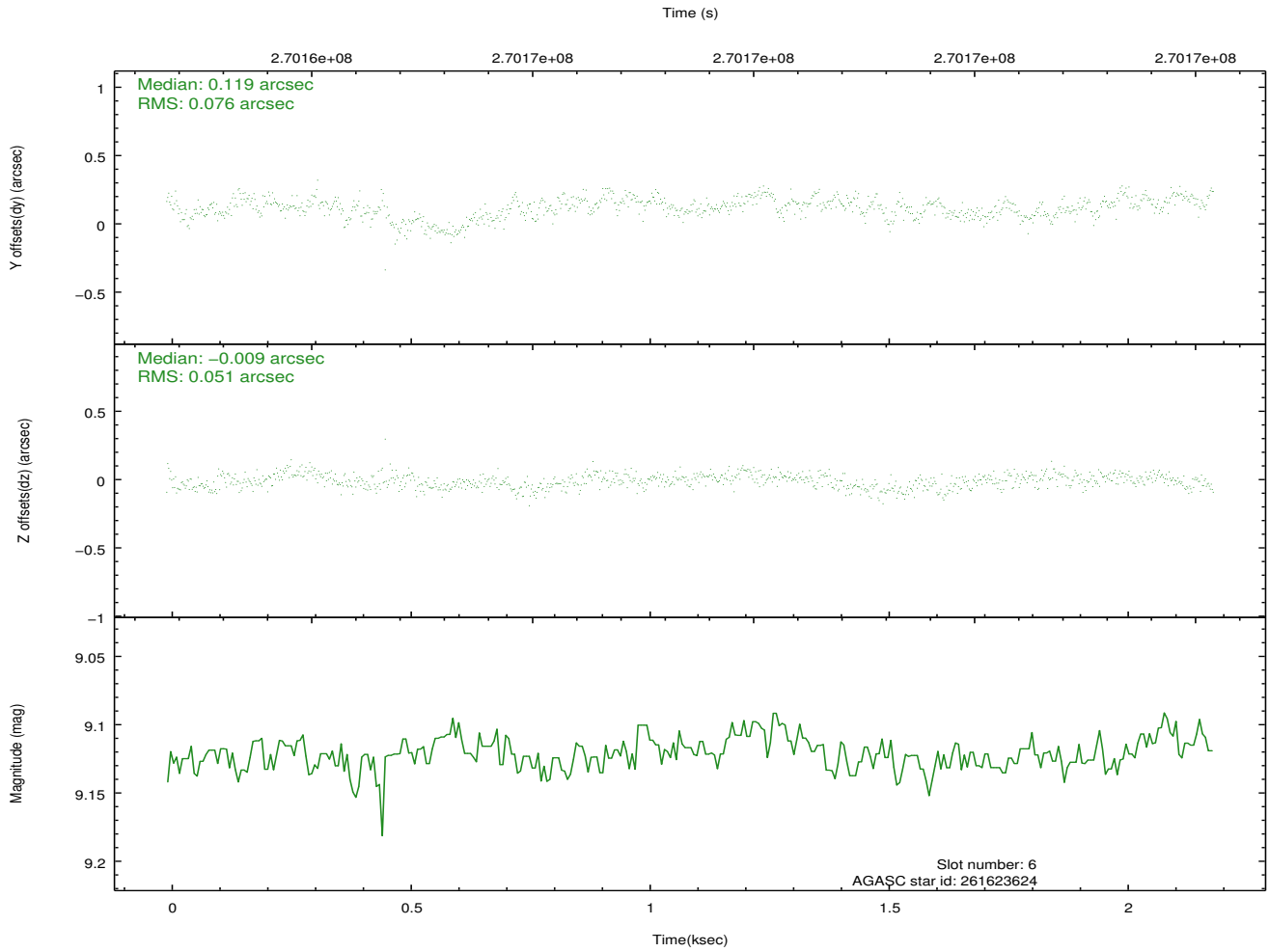
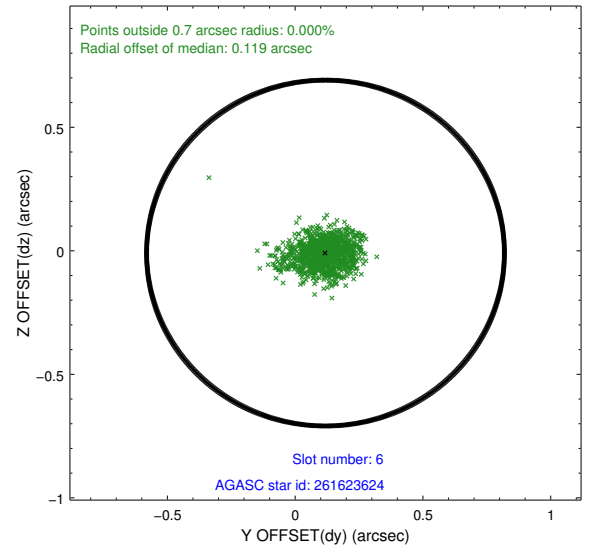
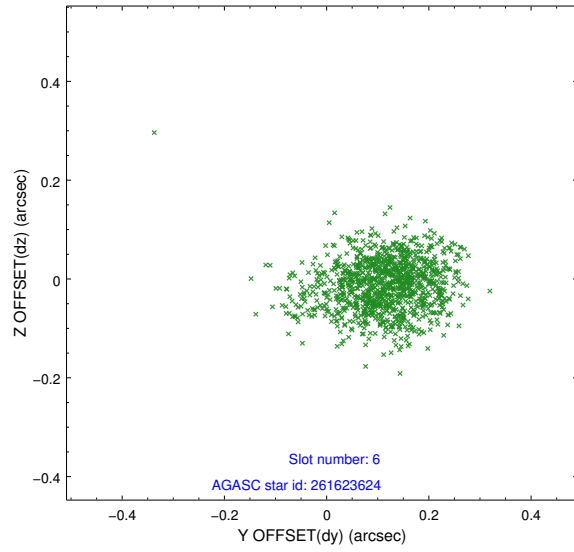
2.4.2 Slot 4



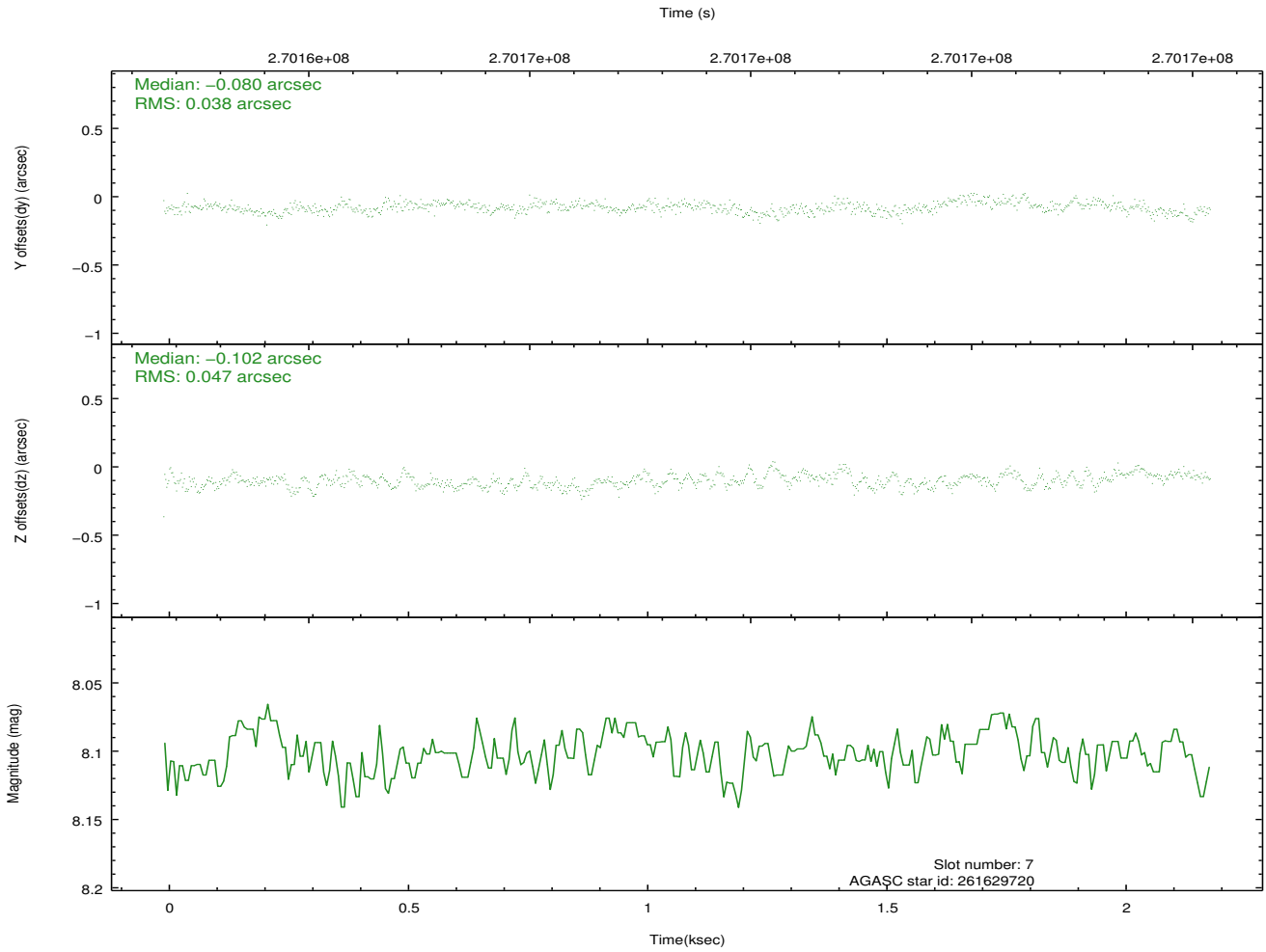
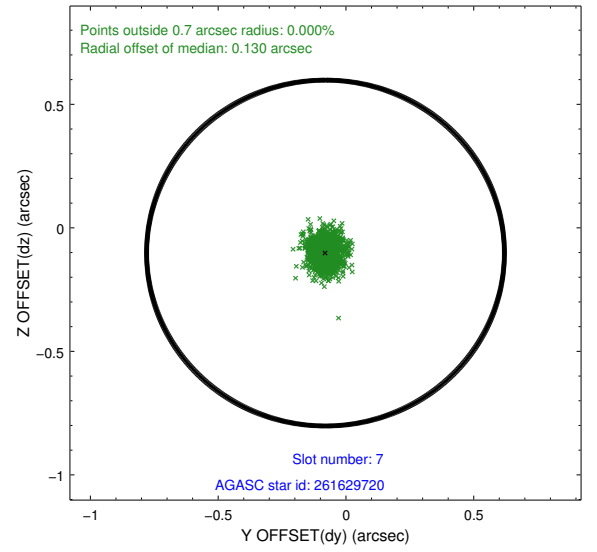
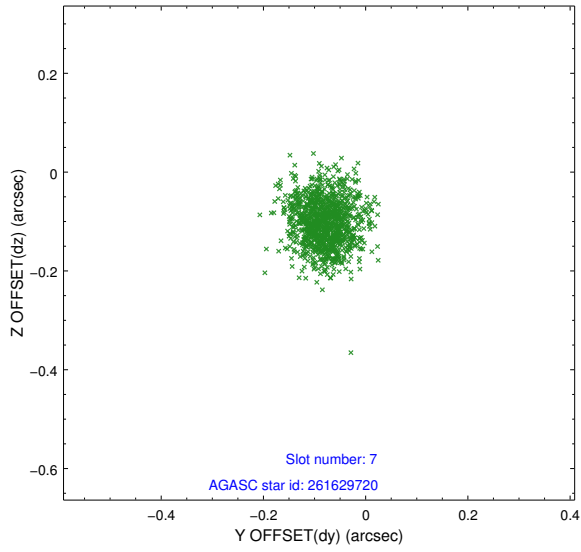
2.4.3 Slot 5



2.4.4 Slot 6

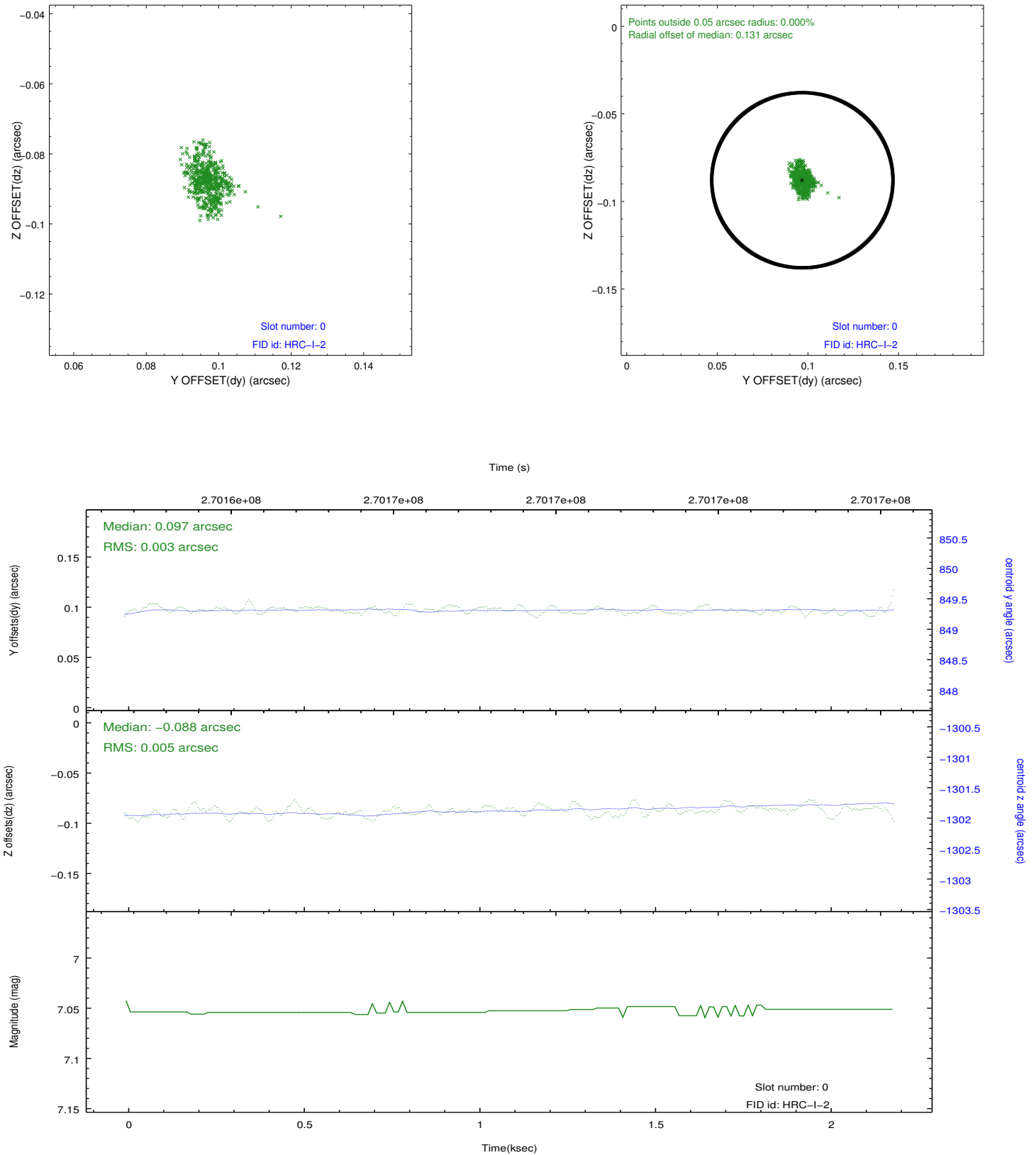


2.4.5 Slot 7

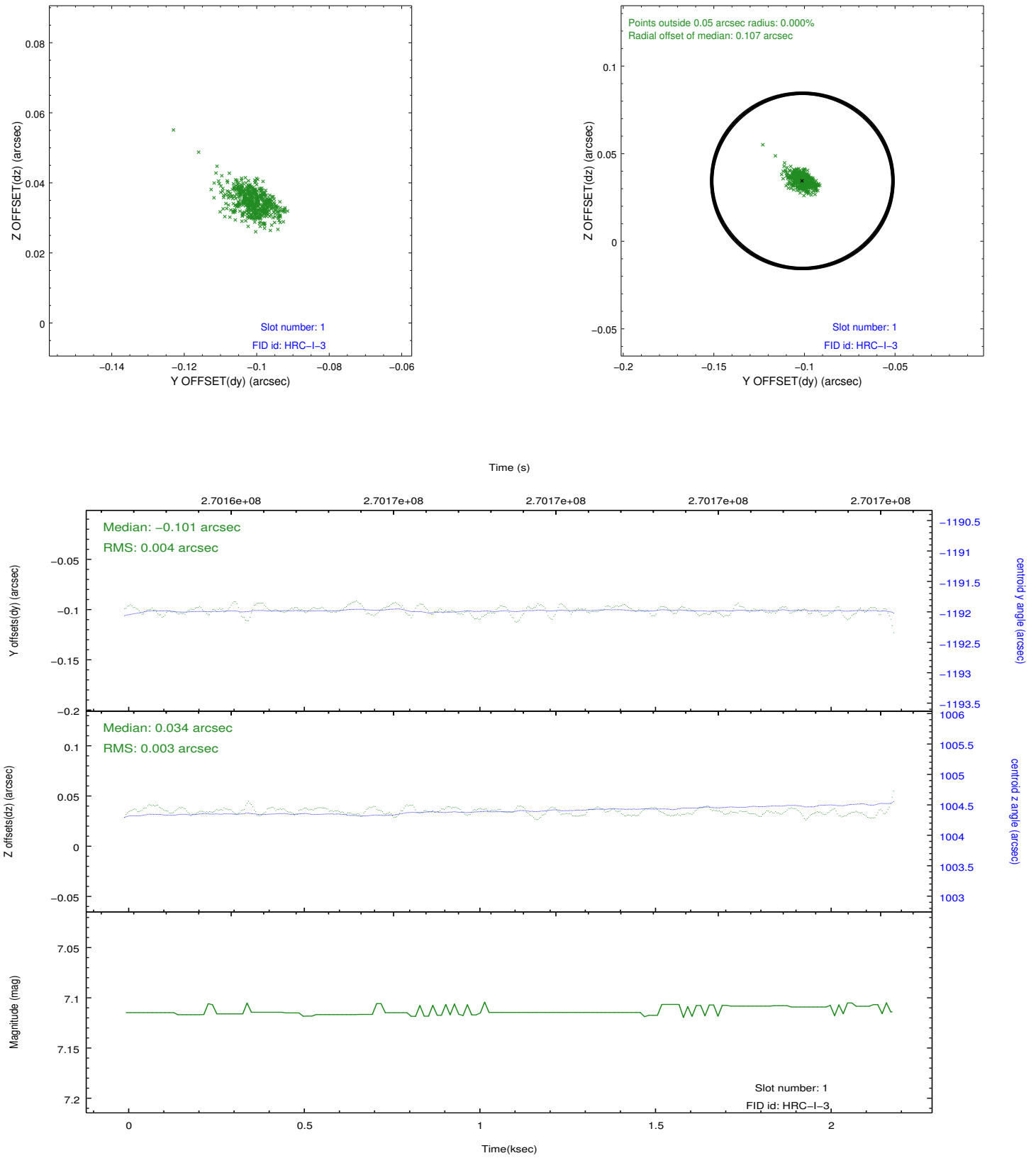


2.5 FID Slots

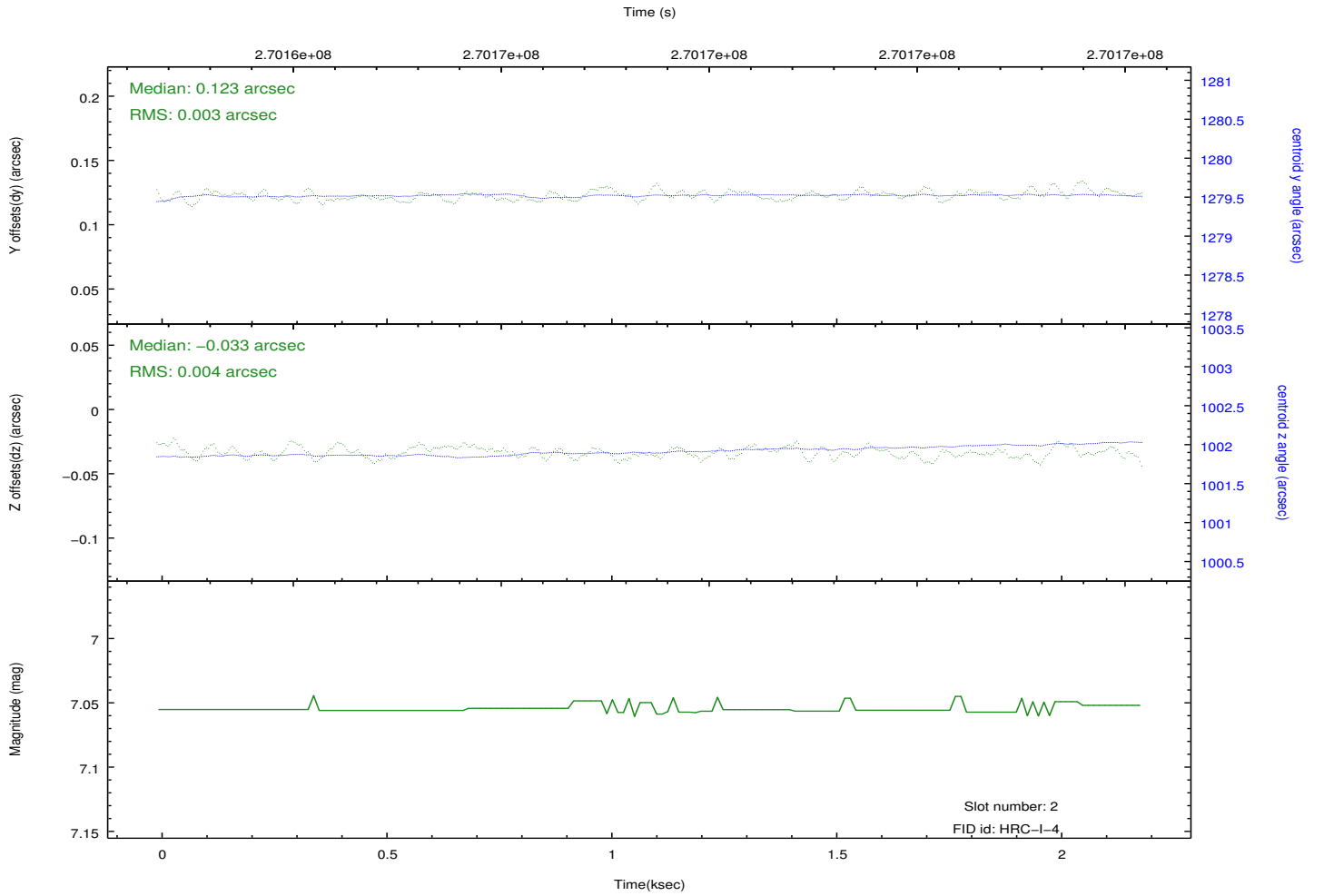
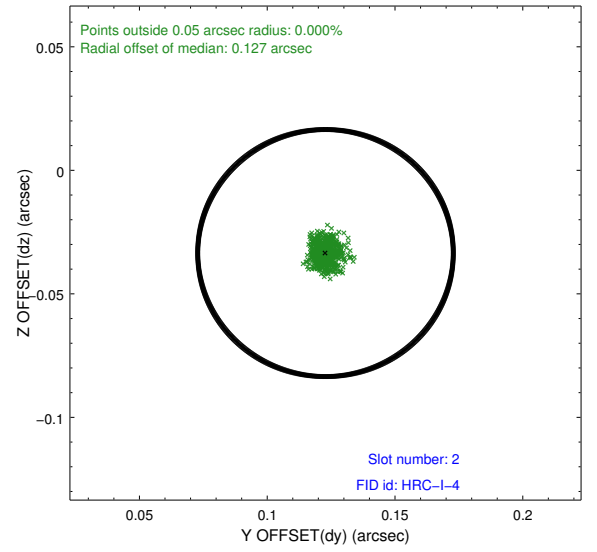
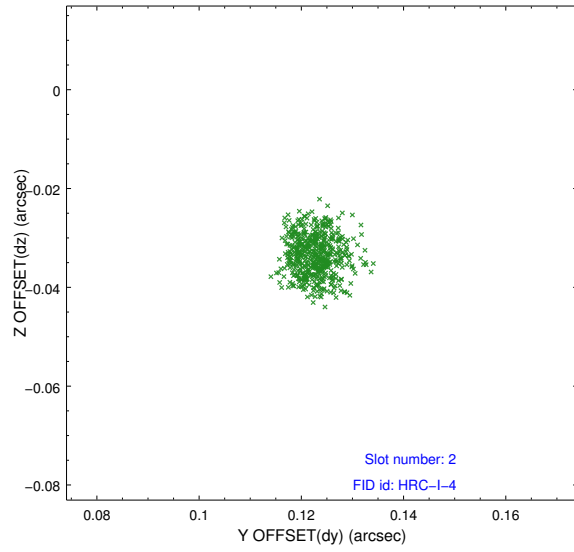
2.5.1 Slot 0



2.5.2 Slot 1

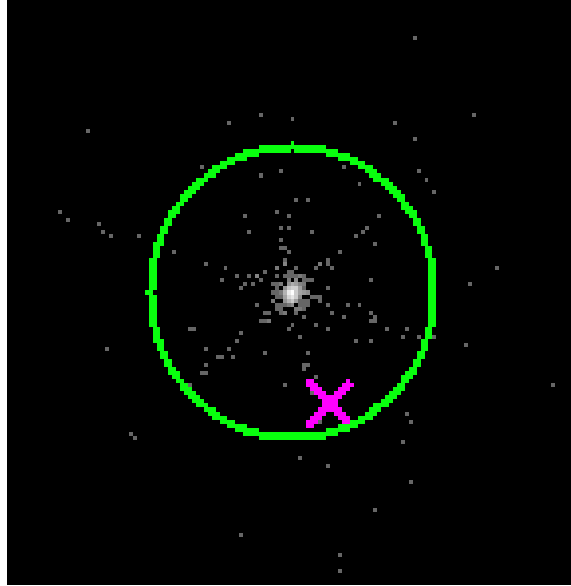


2.5.3 Slot 2

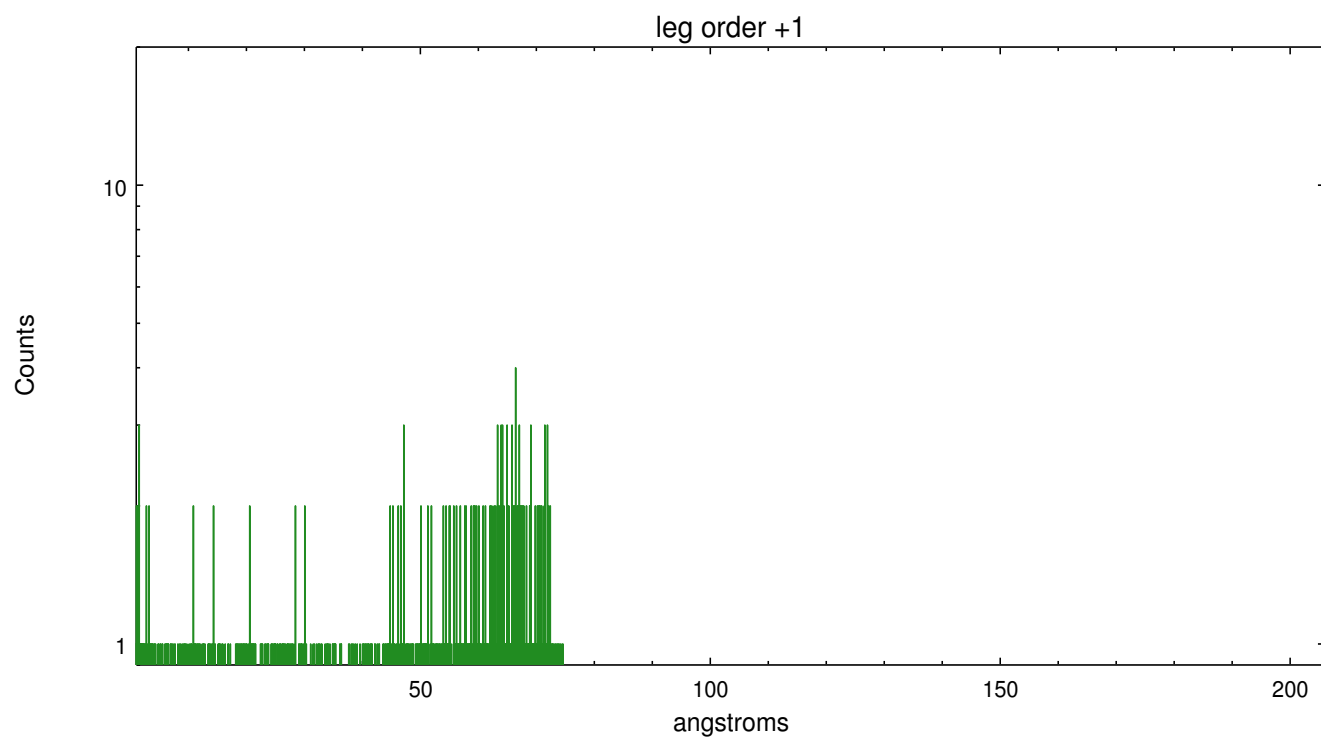
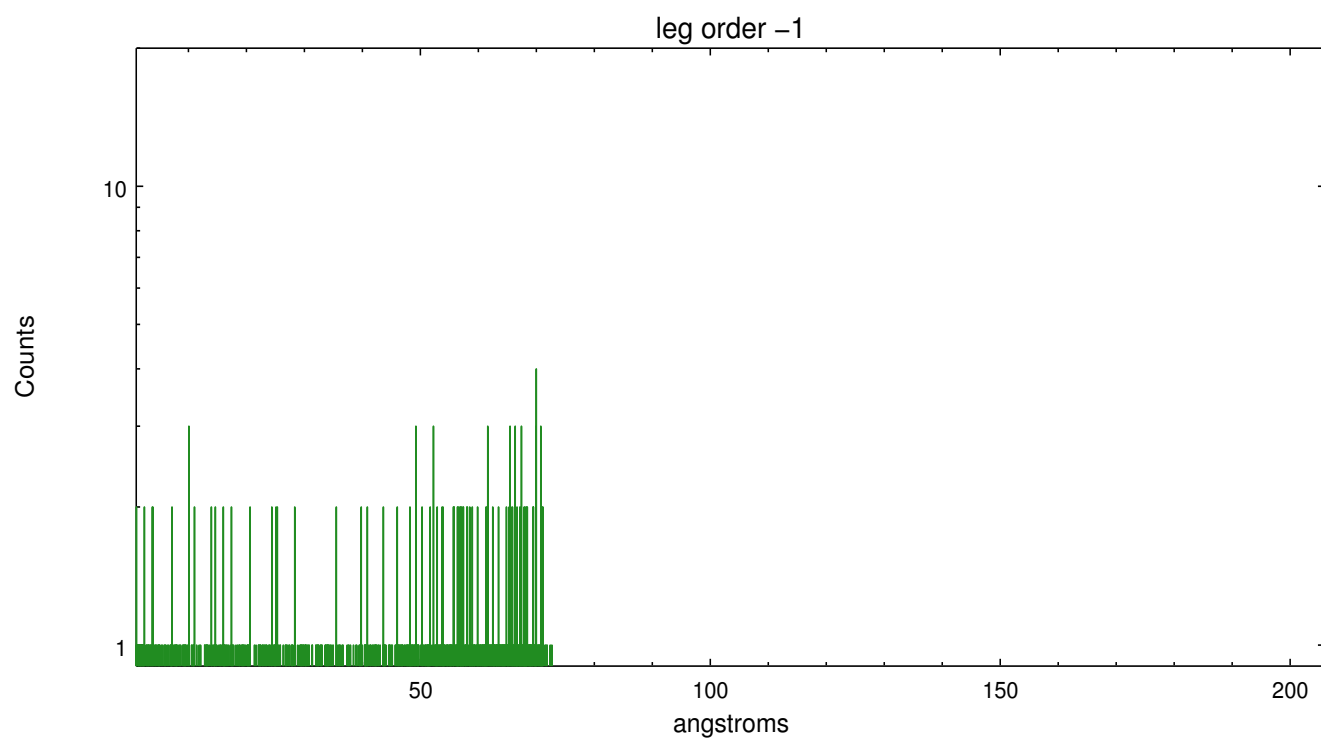


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18863135

A.2 Comments