

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2505 - L2 Version 3
Chandra X-Ray Center

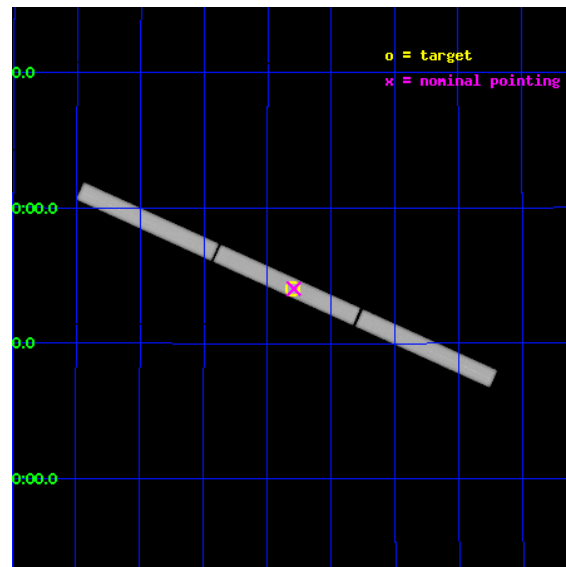
L2 Processing Date : Sep 21 2012

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1 Front

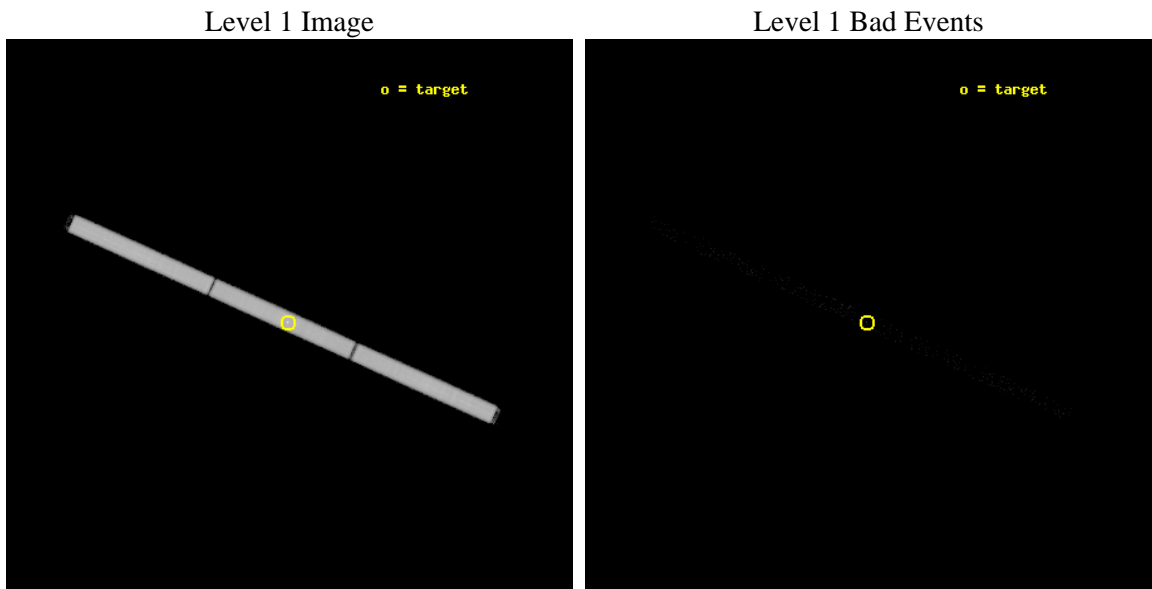
seq_num	300058	Sequence number
obs_id	2505	Observation id
title	WZ SGE IN OUTBURST TEN YEARS EARLY: I THE EUV EMISSION	Proposal ti
observer	Dr Peter Wheatley	Principal investigator
object	WZ SGE	Source name
ra_targ	301.900833	Observer's specified target RA [deg]
dec_targ	17.704167	Observer's specified target Dec [deg]
ra_nom	301.89625606277	Nominal RA [deg]
dec_nom	17.702364607773	Nominal Dec [deg]
roll_nom	204.12502422591	Nominal Roll [deg]
revision	3	Processing version of data
ontime	18759.550738618	[s]
livetime	18596.258785509	Ontime multiplied by DTCOR
l2events	1097454	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	18923.721000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	18759.550738618	[s]
caldsver	4.5.1.1	 	l1events	1458022	Number of level 1 events
date	2012-09-21T11:31:49	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

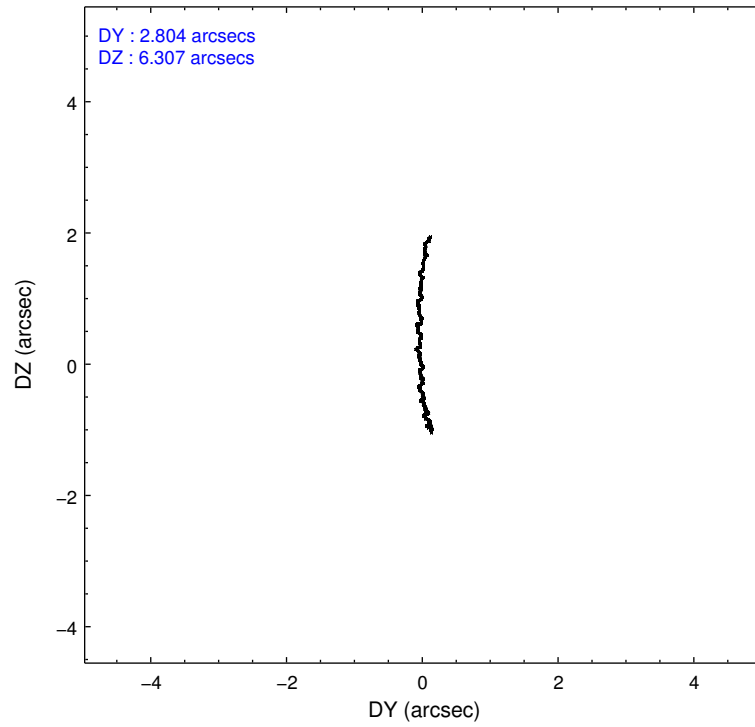
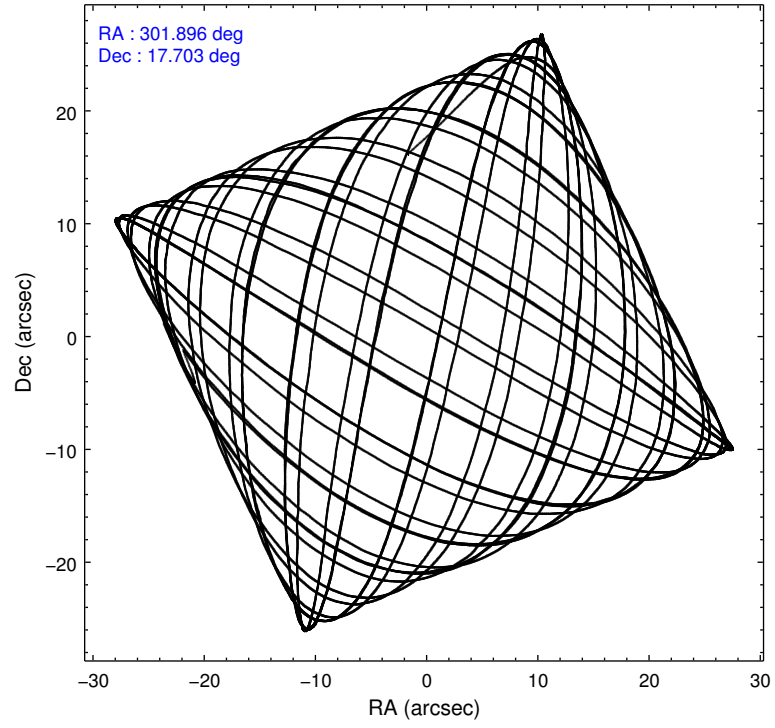
Level 1 Events

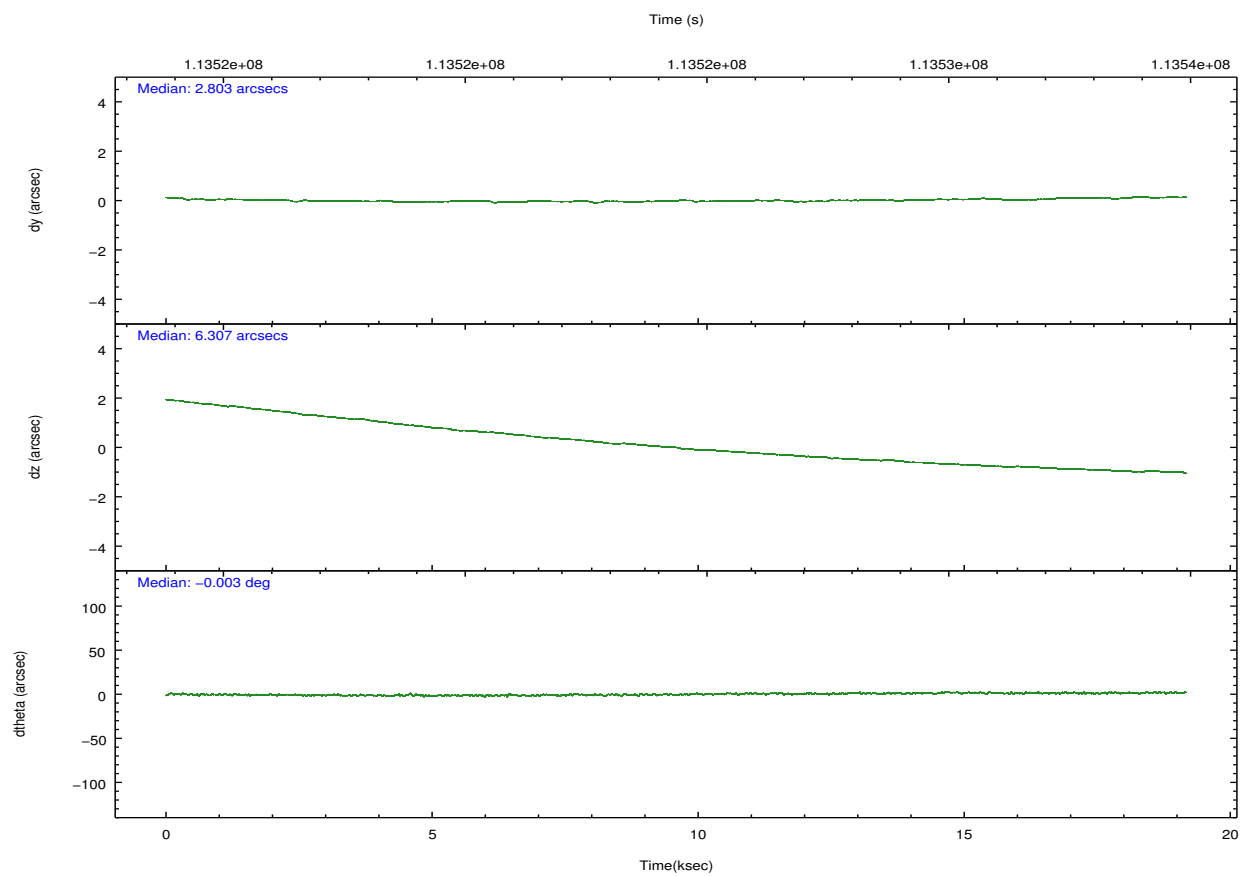
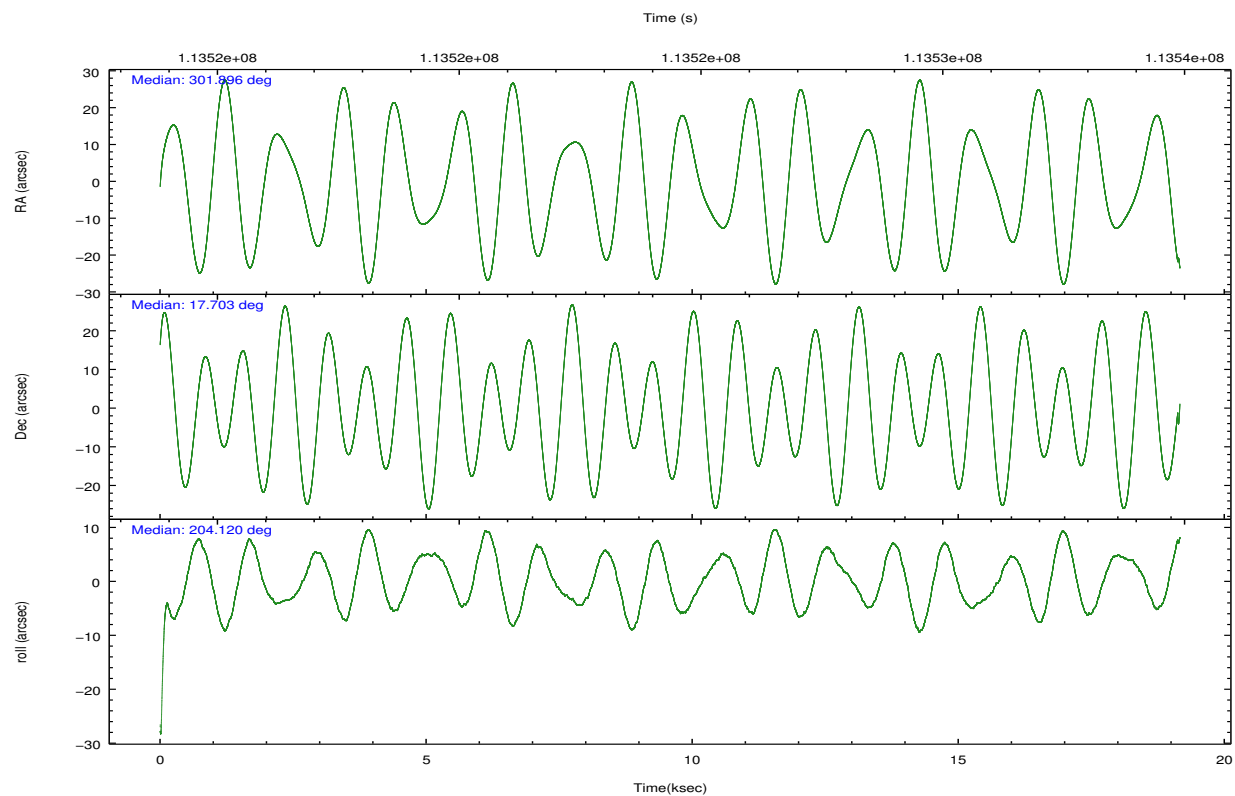
	segment 1	segment 2	segment 3
level 1 events	505560	471690	480772
rejected events	669	778	748
rejected %	0%	0%	0%

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	301.912662	301.8962560627712			
[deg] Pointing Dec	17.726352	17.70236460777318			
[deg] Pointing Roll	204.052716	204.1250242259073			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	251.455976	251.4516446784125			
[mm] SIM translation stage offset	-1	-0.9956662848578048			
[s] Observation start time (MET)	113514900.184000	113513715.61884			
Observation start date	2001-08-06T19:53:56	2001-08-06T19:35:15			
[s] Observation end time (MET)	113533823.184000	113534770.14467			
Observation end date	2001-08-07T01:09:19	2001-08-07T01:26:10			

2.3 Aspect



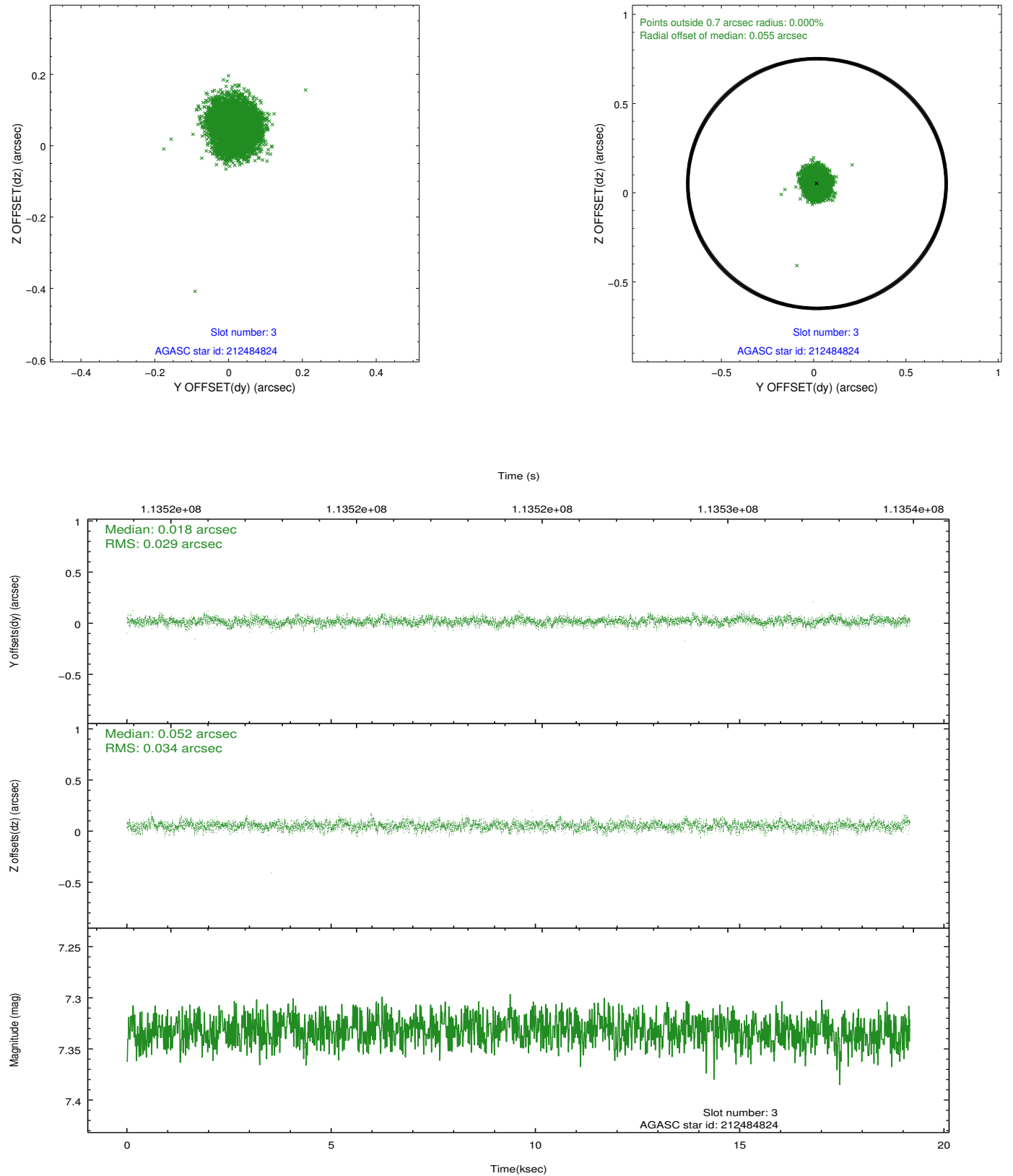


Slot Statistics

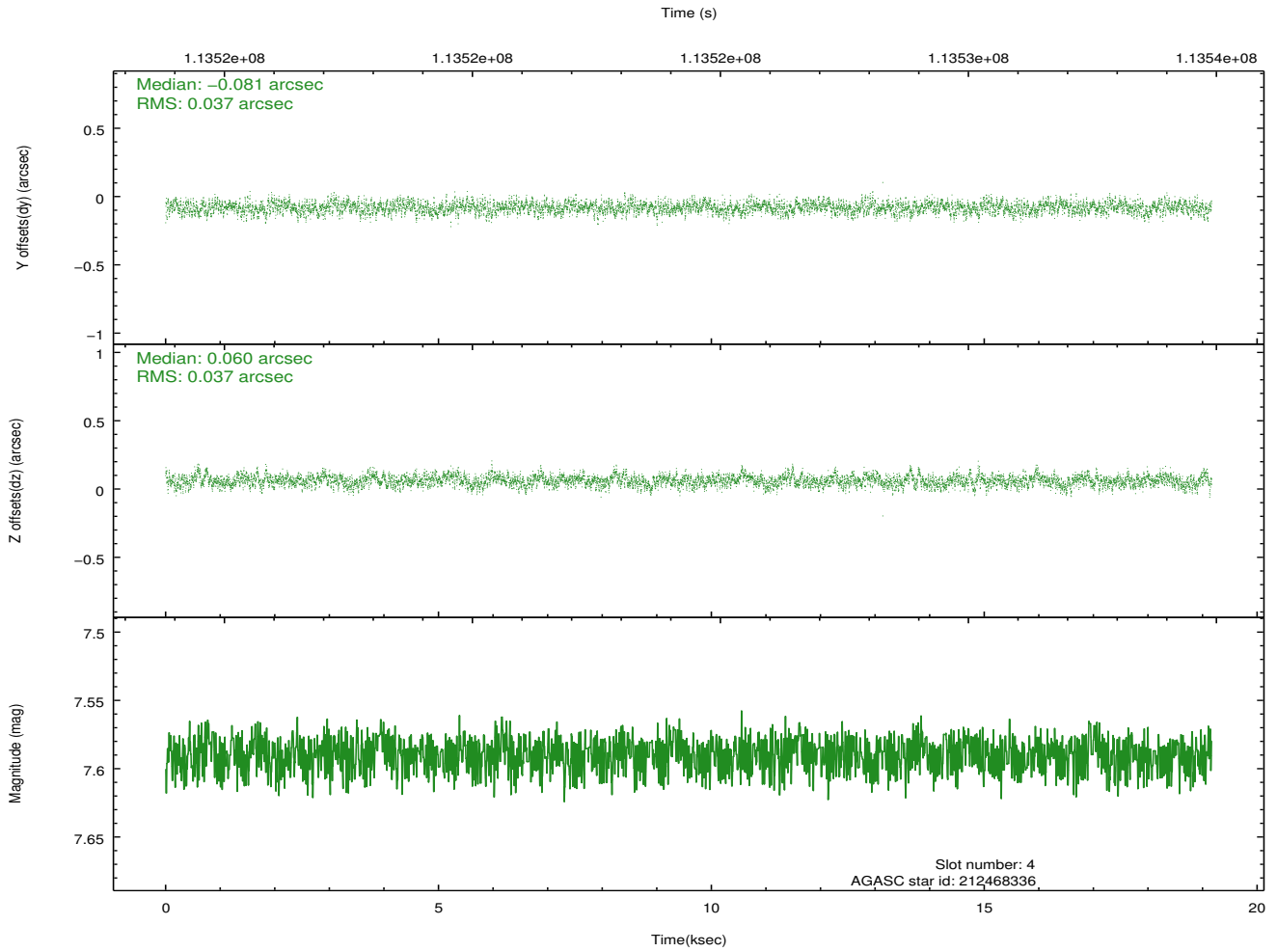
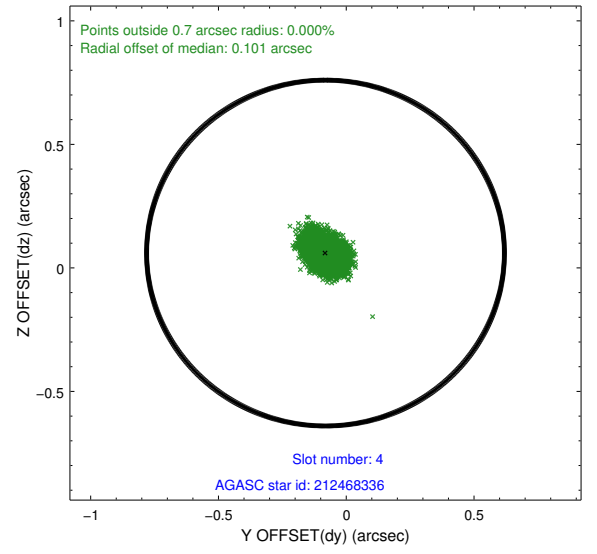
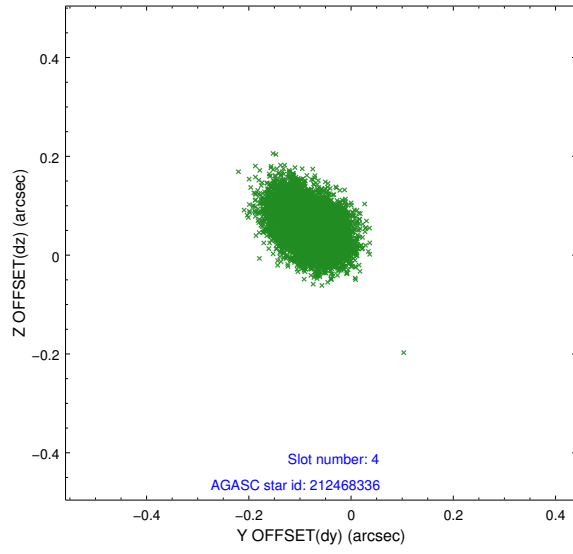
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	4668	0.132	-0.118	0.029	0.045	0.000000	0.000000	-1156.78	-475.25
1	FID	HRC-S-2	7.04	4669	0.124	-0.098	0.011	0.020	0.000000	0.000000	1242.64	-467.98
2	FID	HRC-S-3	7.06	4665	0.136	-0.086	0.035	0.051	0.000000	0.000000	-1159.23	554.21
3	GUIDE	212484824	7.33	9346	0.018	0.052	0.048	0.078	301.436883	17.597881	1678.70	-244.00
4	GUIDE	212468336	7.59	9345	-0.081	0.060	0.055	0.091	301.479163	18.244435	593.04	-2307.95
5	GUIDE	212477672	7.62	9346	-0.030	-0.102	0.070	0.111	301.870505	17.020545	1168.08	2261.64
6	GUIDE	212600320	8.67	9343	0.053	0.018	0.062	0.100	302.393008	18.138679	-2106.19	-686.84
7	GUIDE	212603624	8.92	9342	0.042	-0.026	0.069	0.108	302.163000	18.336944	-1677.32	-1658.66

2.4 Star Slots

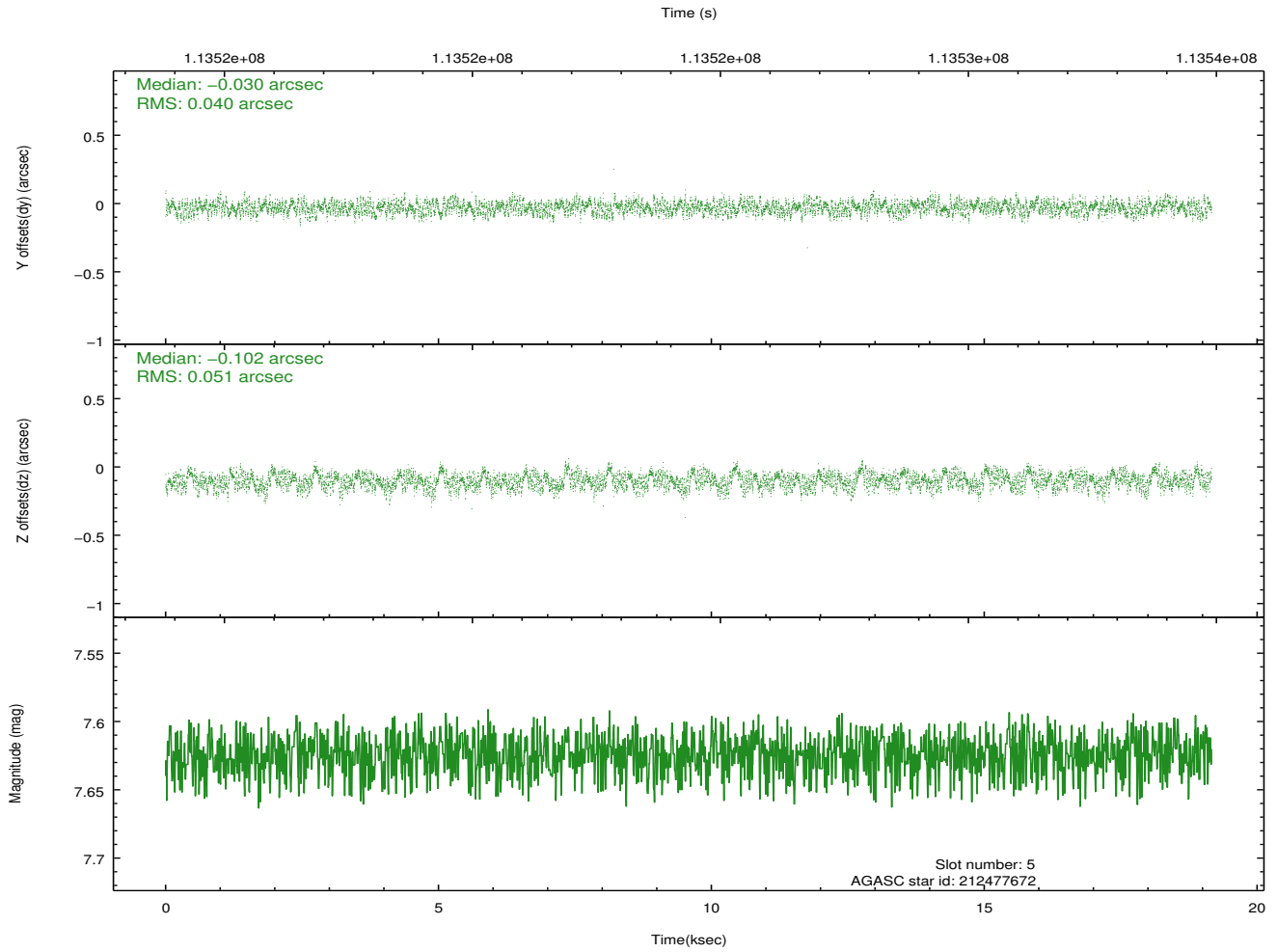
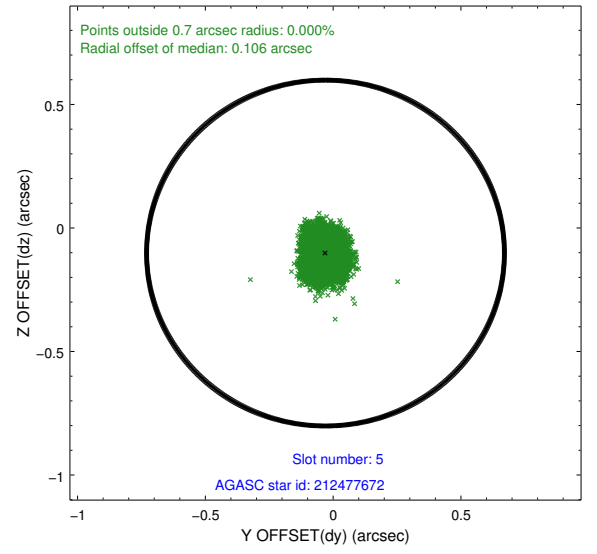
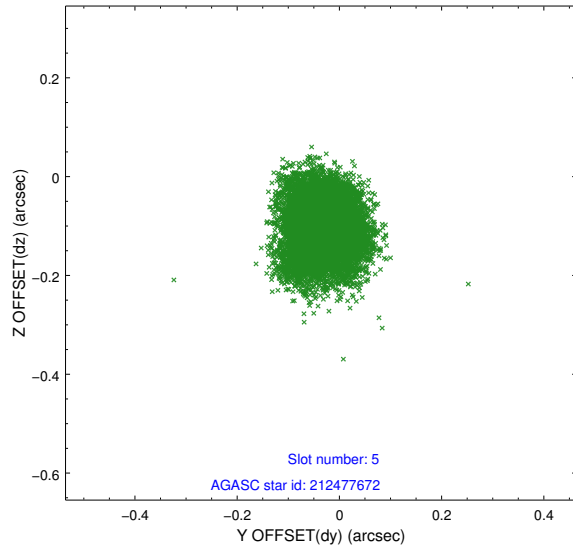
2.4.1 Slot 3



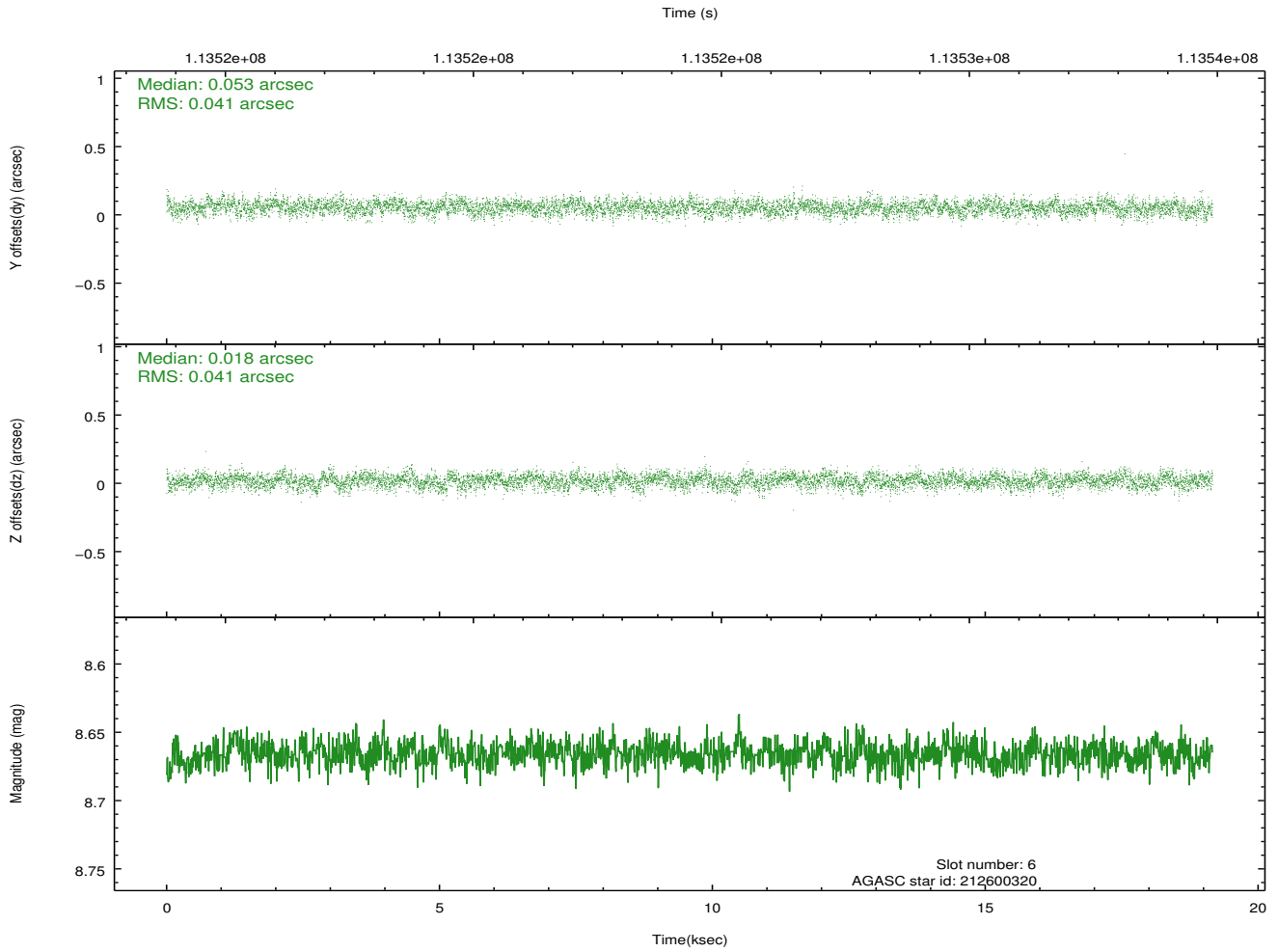
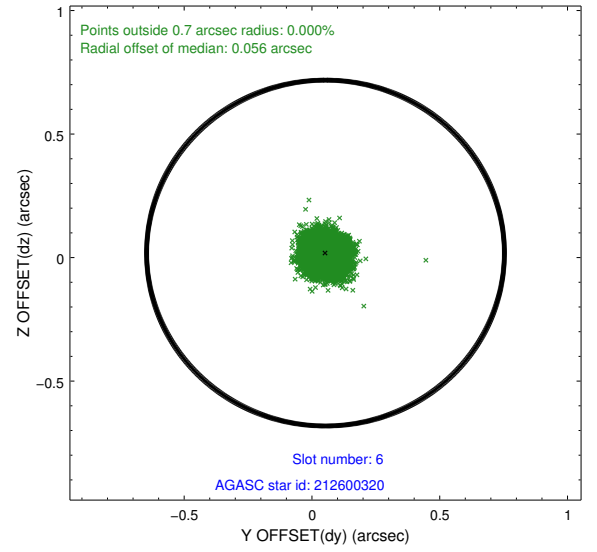
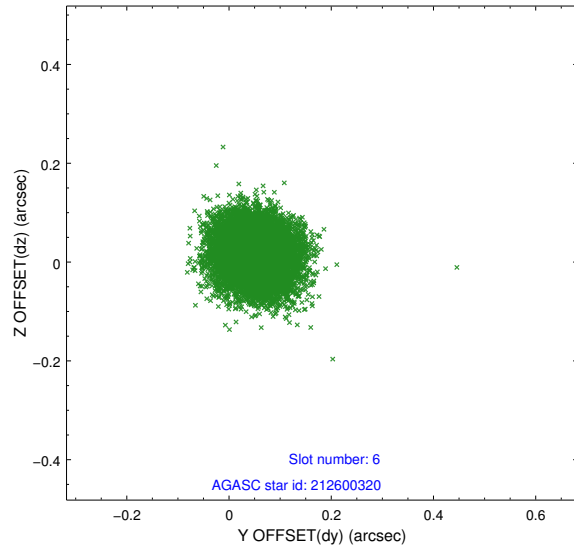
2.4.2 Slot 4



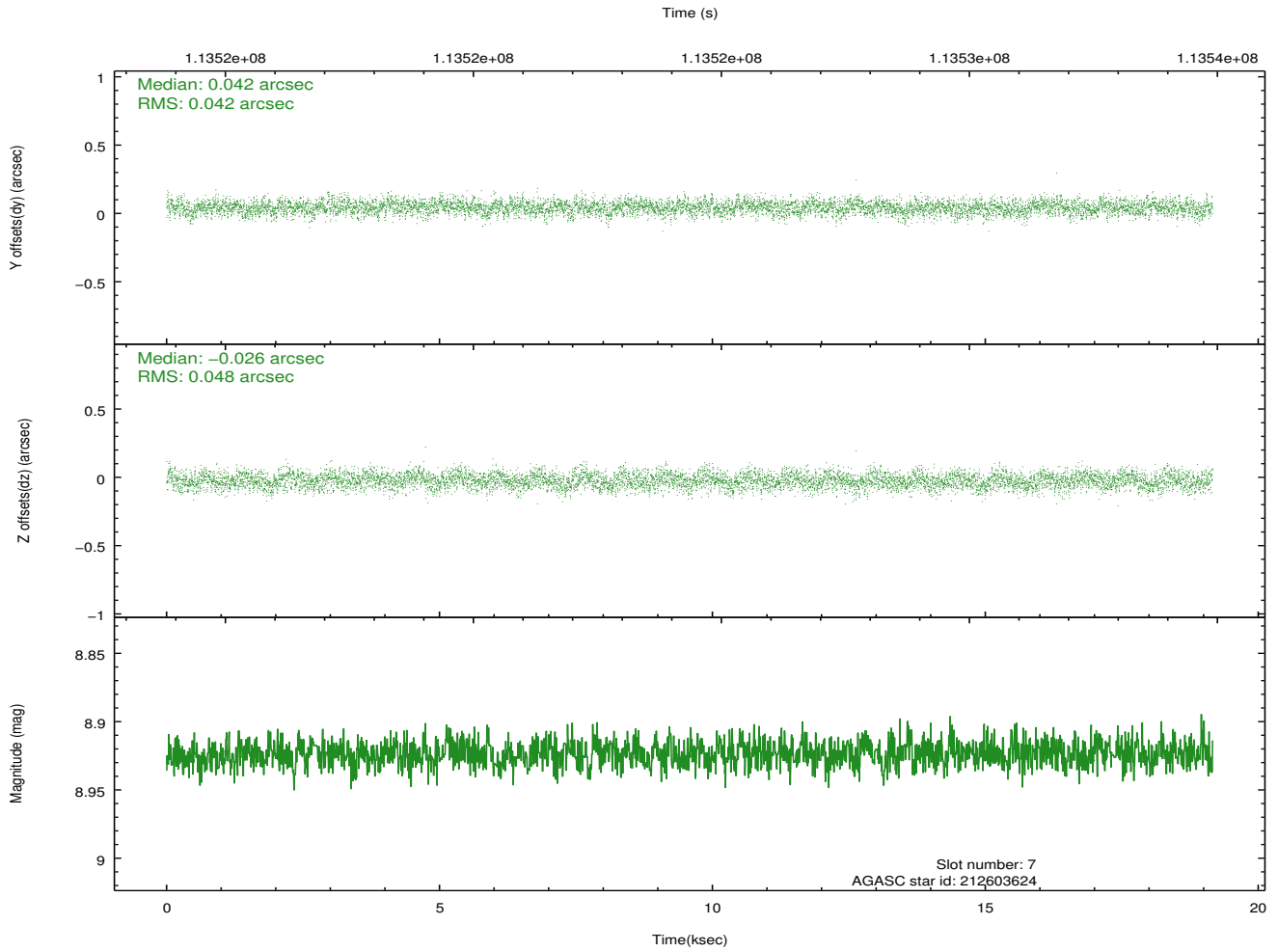
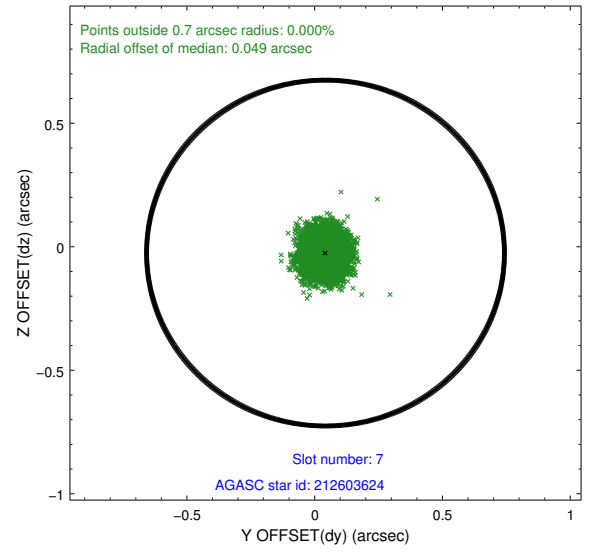
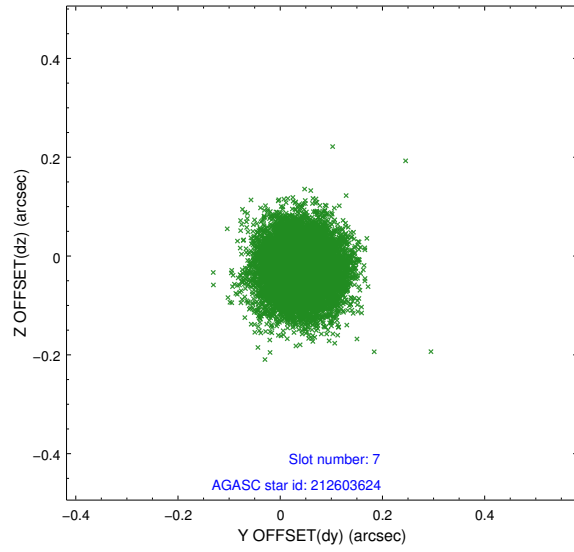
2.4.3 Slot 5



2.4.4 Slot 6

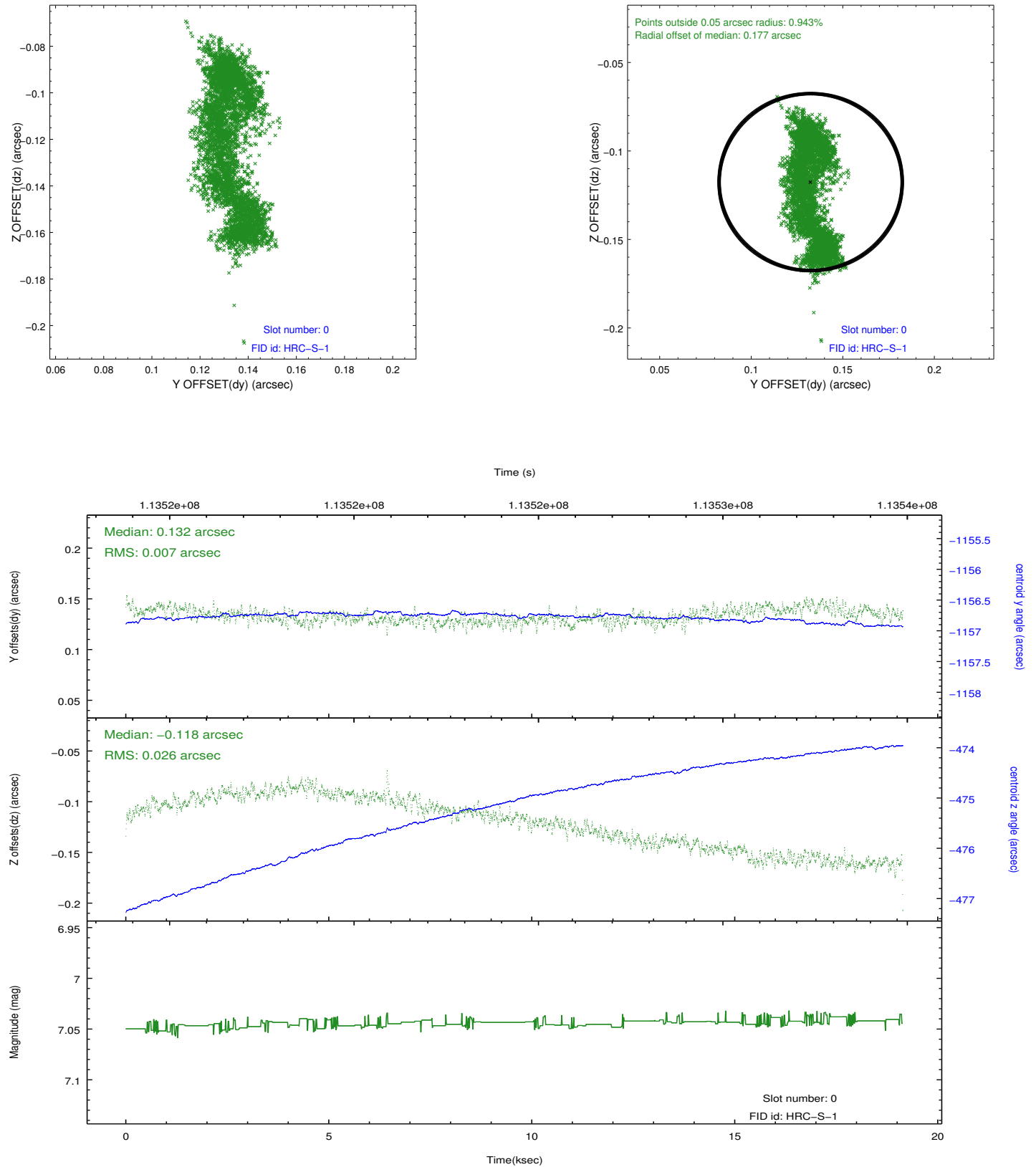


2.4.5 Slot 7

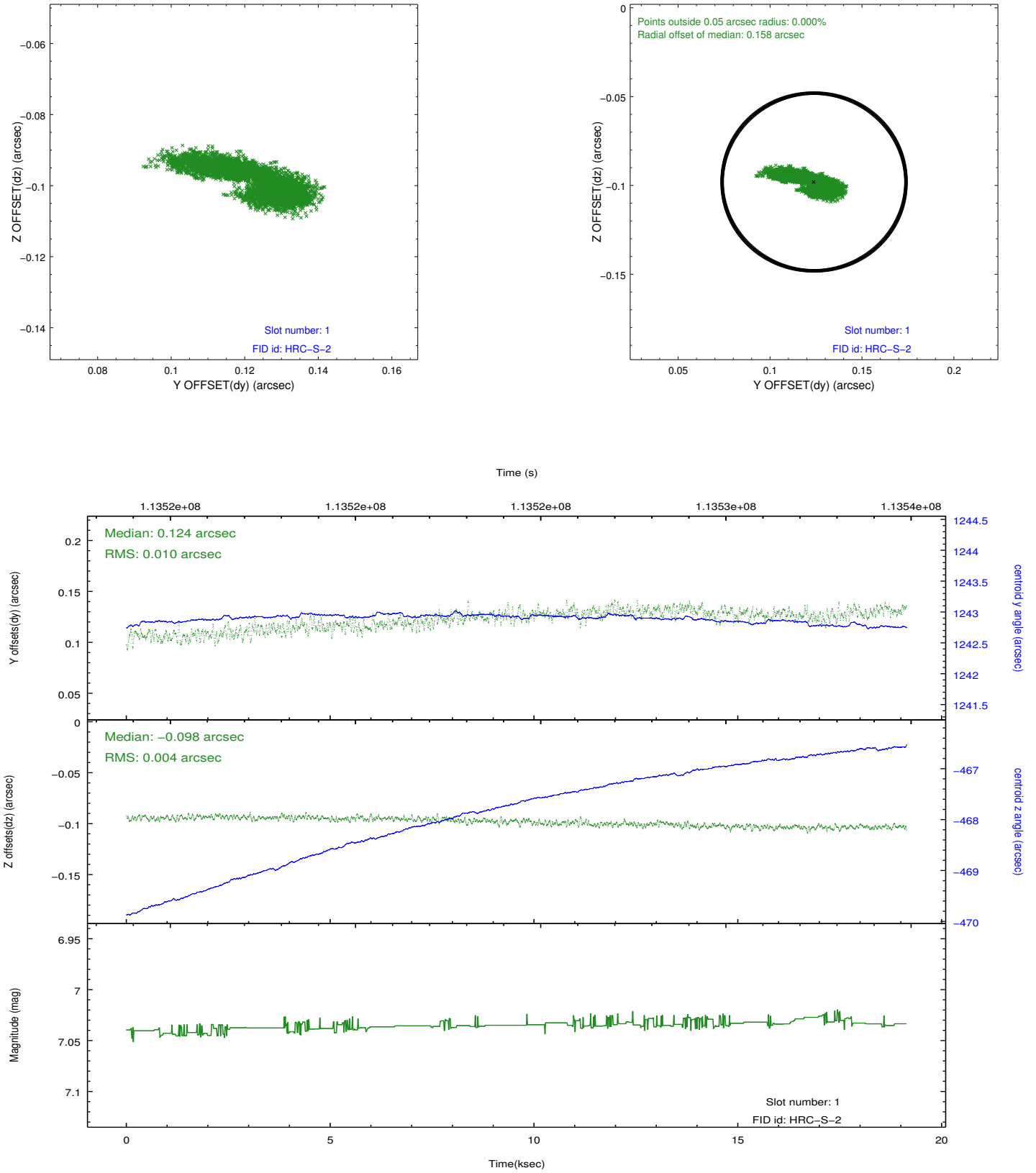


2.5 FID Slots

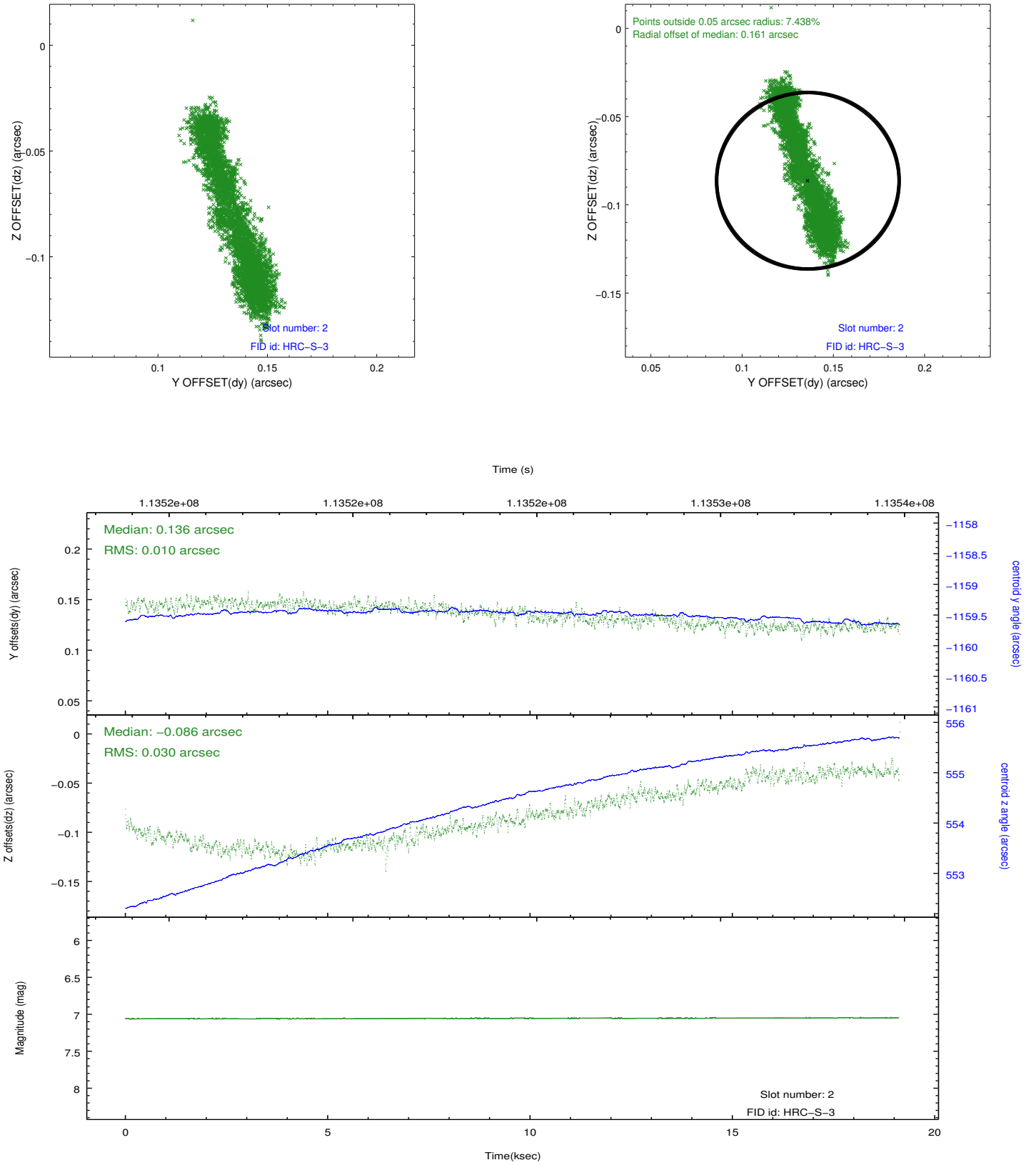
2.5.1 Slot 0



2.5.2 Slot 1

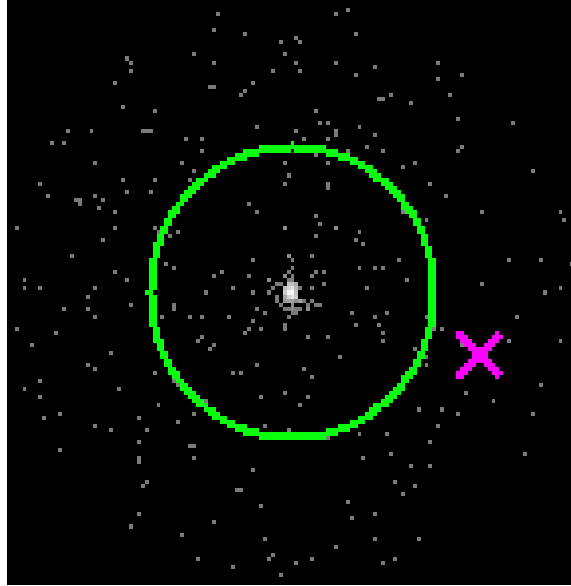


2.5.3 Slot 2

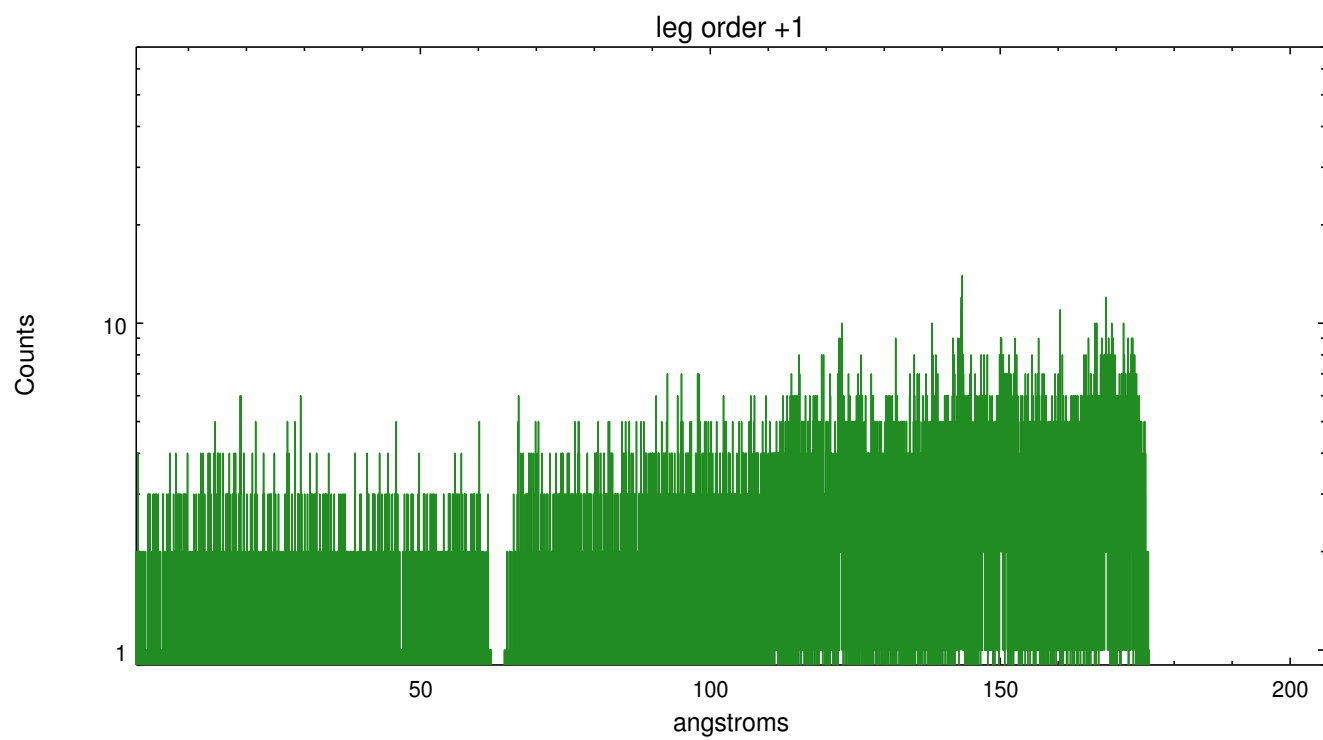
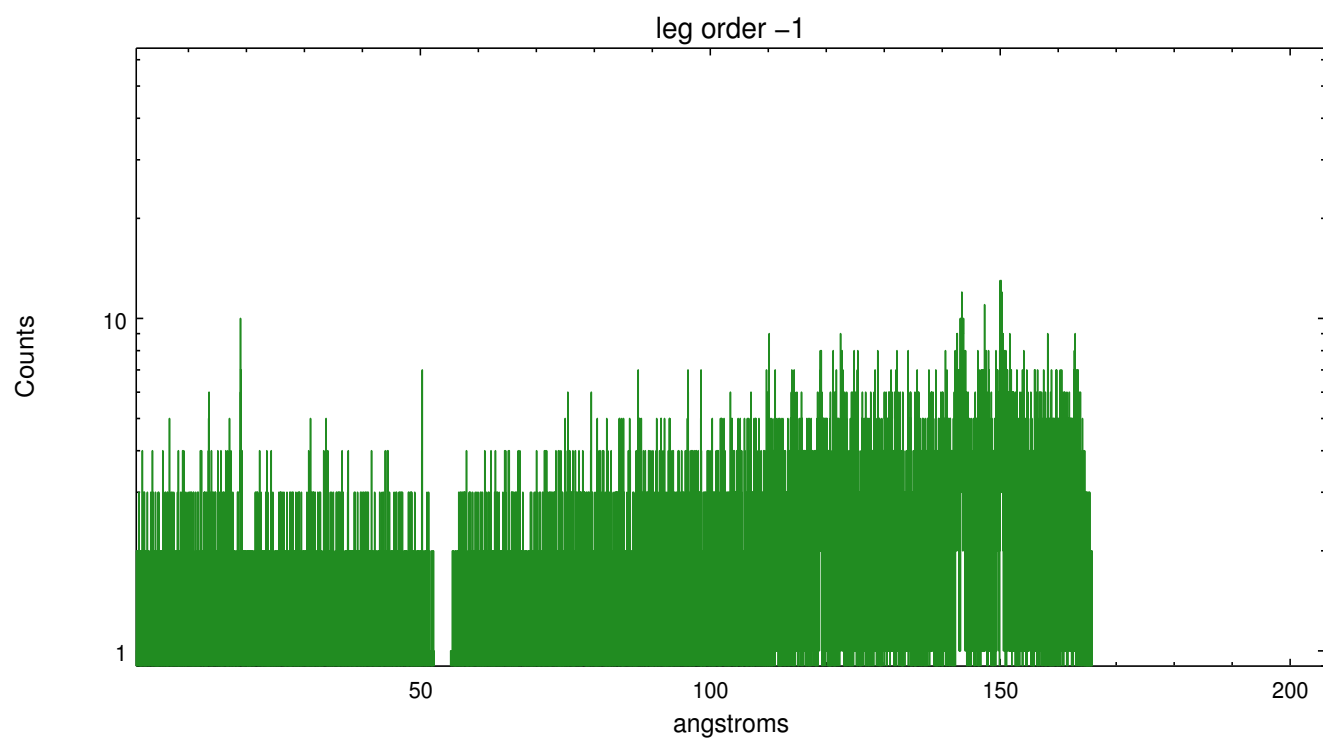


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.76

A.2 Comments