

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 673 - L2 Version 5
Chandra X-Ray Center

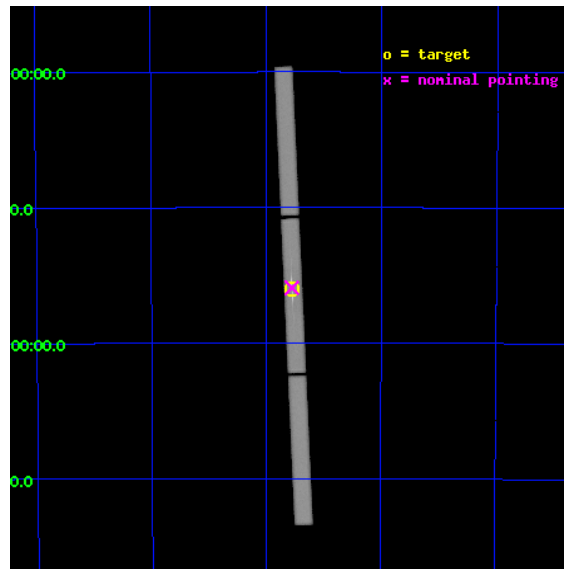
L2 Processing Date : Aug 24 2012

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1 Front

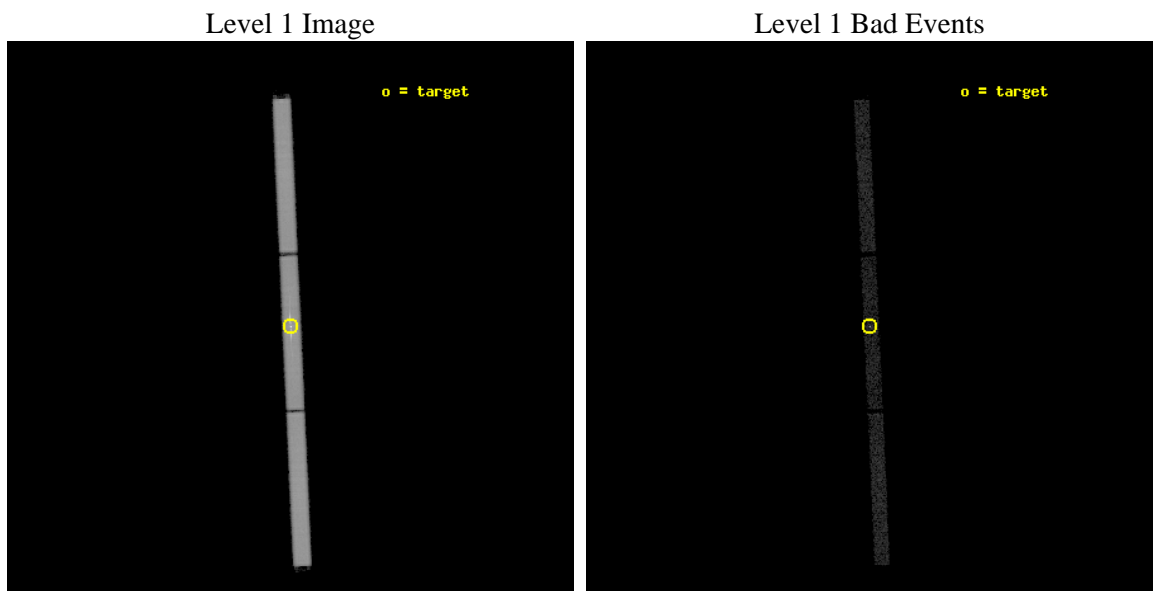
seq_num	400040	Sequence number
obs_id	673	Observation id
title	THE LUMINOUS BURSTING X-RAY SOURCES IN GLOBULAR CLUSTER CORES: LOCATION, LOCATION, AND LOCATION	Proposal title
observer	Dr. Bruce Margon	Principal investigator
object	TERZAN 2	Source name
ra_targ	261.888333	Observer's specified target RA [deg]
dec_targ	-30.802167	Observer's specified target Dec [deg]
ra_nom	261.88898144145	Nominal RA [deg]
dec_nom	-30.796975326442	Nominal Dec [deg]
roll_nom	87.341501142397	Nominal Roll [deg]
revision	5	Processing version of data
ontime	10194.650372371	[s]
livetime	10120.365787256	Ontime multiplied by DTCOR
l2events	616717	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	9700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10194.650372371	[s]
caldsver	4.5.1.1	 	l1events	886549	Number of level 1 events
date	2012-08-24T05:05:14	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

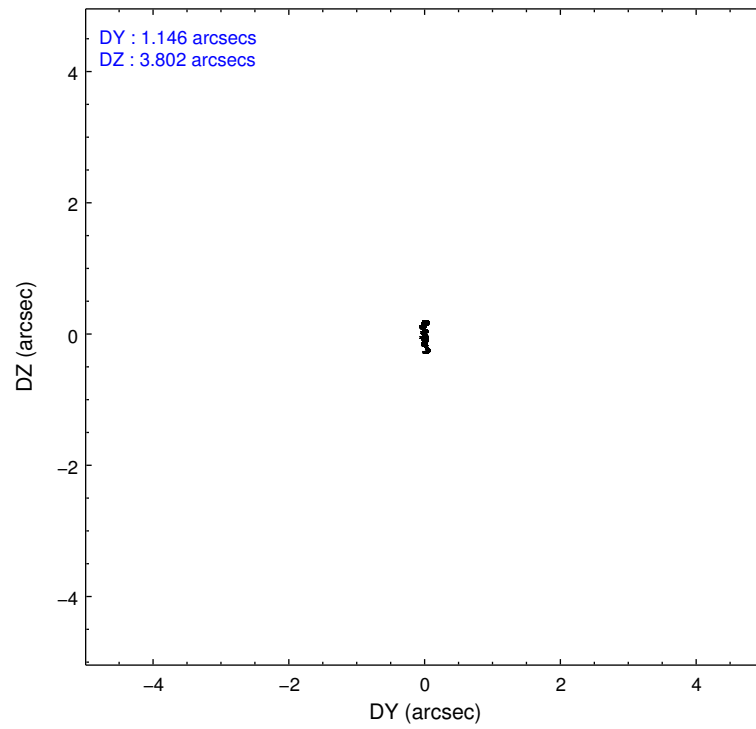
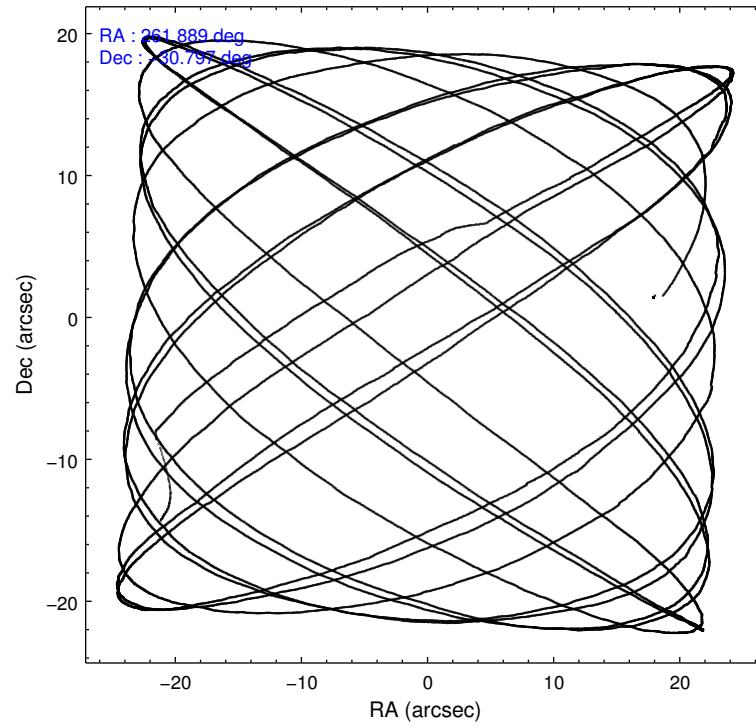
	segment 1	segment 2	segment 3
level 1 events	300355	298060	288134
rejected events	18537	17663	18148
rejected %	6%	5%	6%

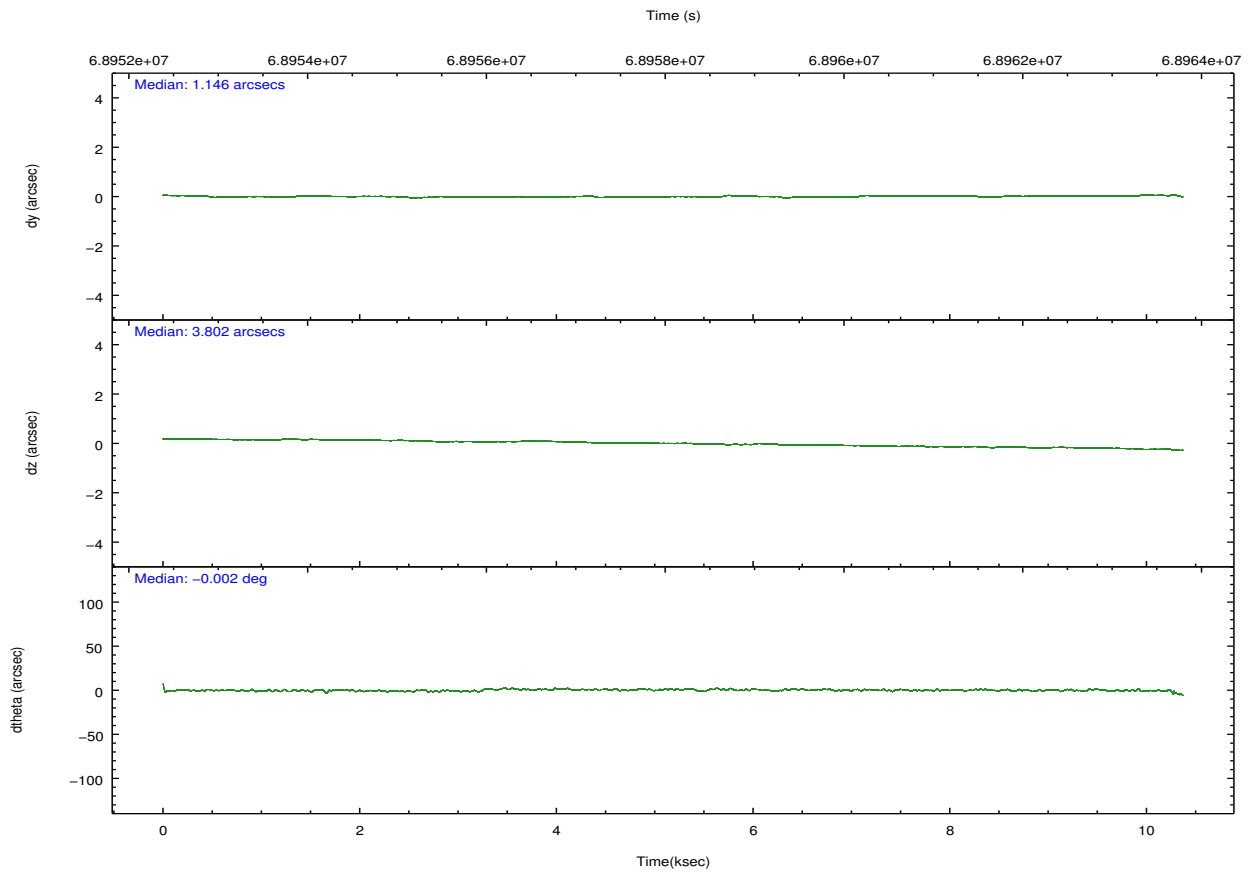
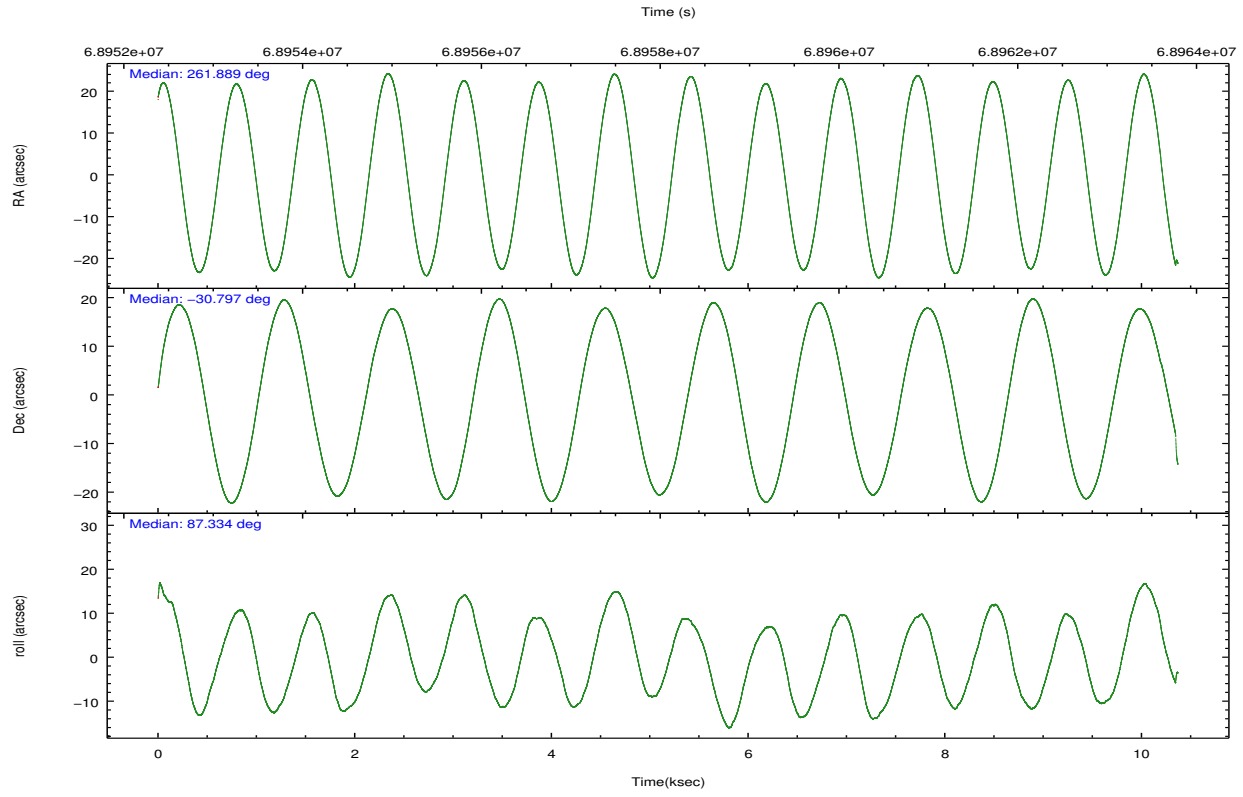
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	LETG	LETG
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	261.905487	261.8889814414548
[deg] Pointing Dec	-30.822224	-30.79697532644182
[deg] Pointing Roll	87.282614	87.34150114239682
[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)	68953394.184000	68952413.95334899
Observation start date	2000-03-09T01:42:10	2000-03-09T01:26:53
[s] Observation end time (MET)	68963094.184000	68963275.878746
Observation end date	2000-03-09T04:23:50	2000-03-09T04:27:55

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



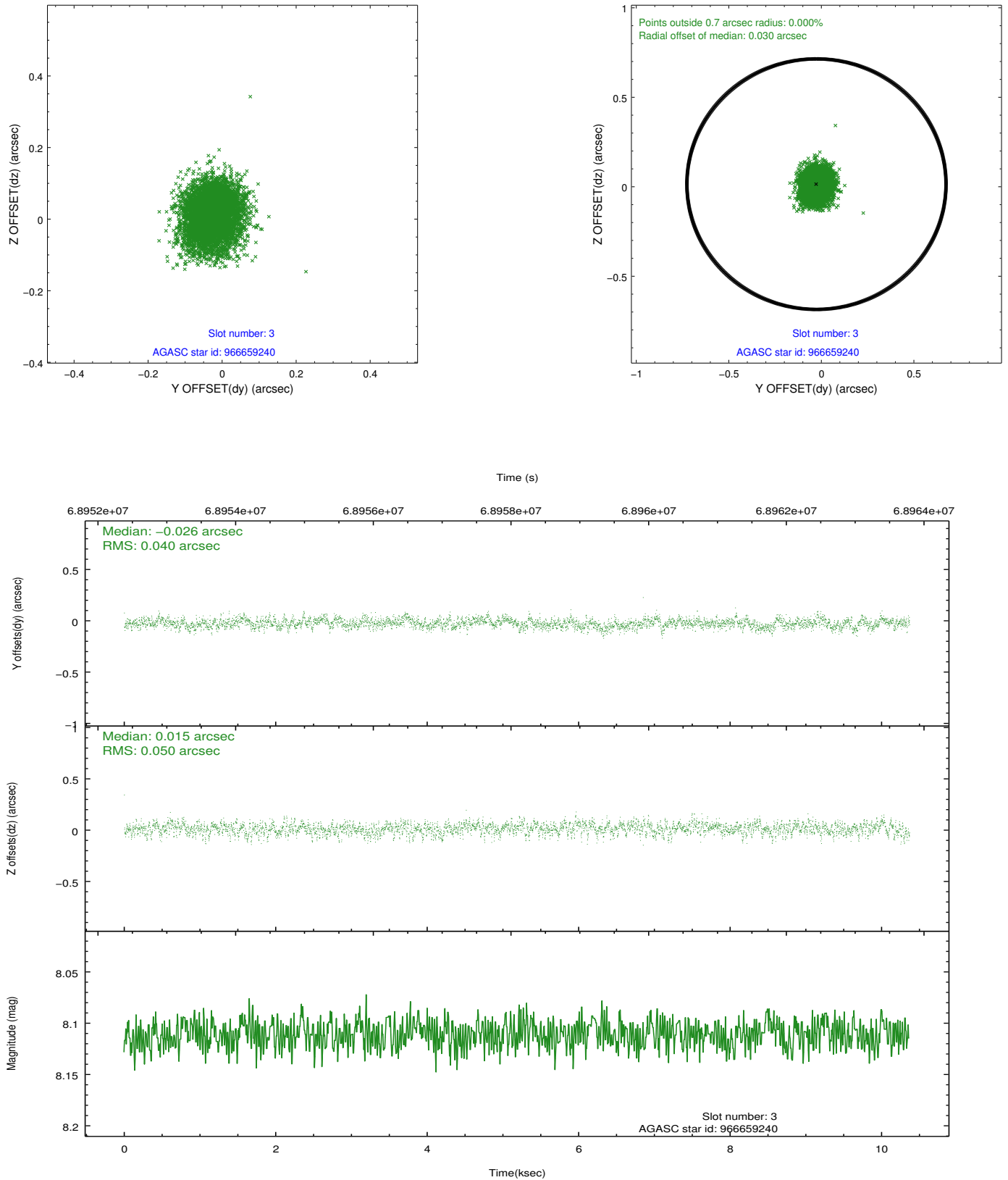


Slot Statistics

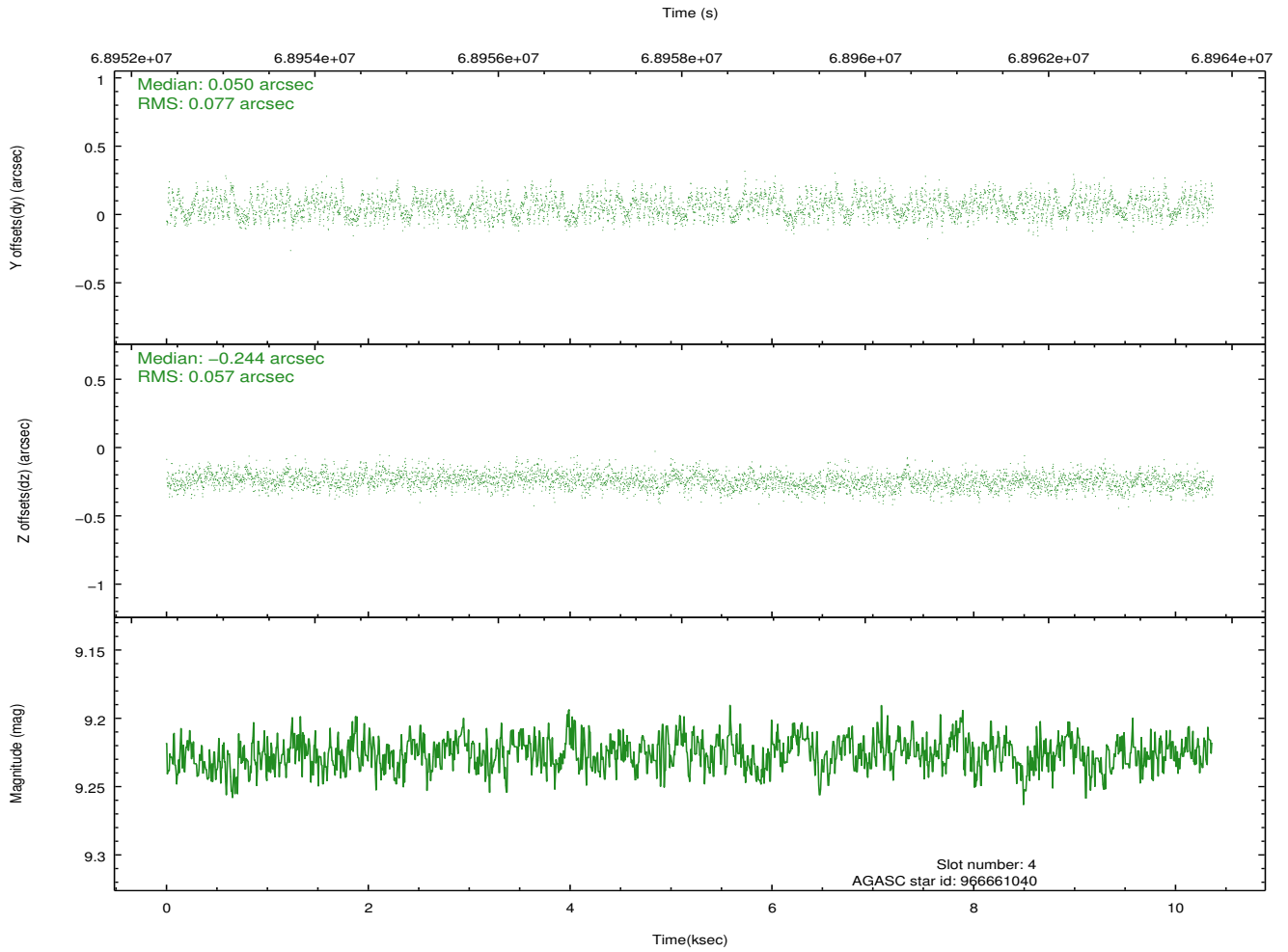
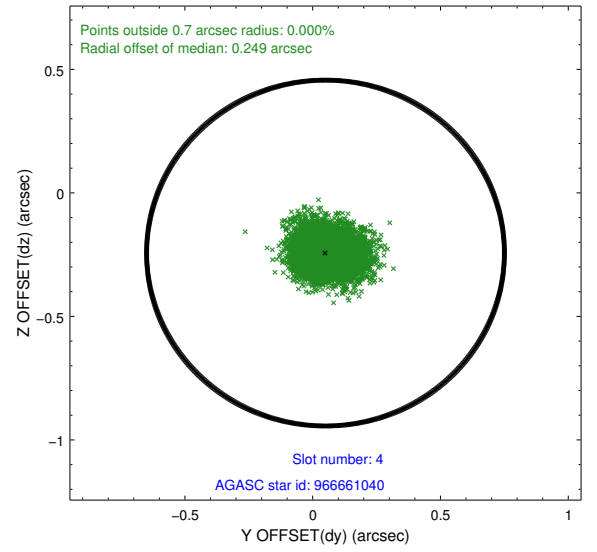
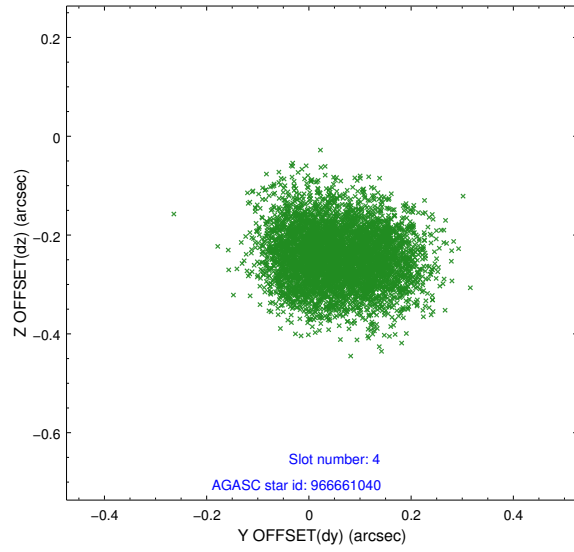
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.97	2522	0.134	-0.080	0.018	0.033	0.000000	0.000000	1244.52	-444.87
1	FID	HRC-S-3	6.99	2521	0.160	-0.099	0.009	0.017	0.000000	0.000000	-1157.34	577.16
2	FID	HRC-S-4	6.94	2521	0.112	-0.116	0.015	0.029	0.000000	0.000000	1242.64	580.06
3	GUIDE	966659240	8.11	5054	-0.026	0.015	0.067	0.112	262.189777	-30.931568	-353.89	-895.46
4	GUIDE	966661040	9.23	5053	0.050	-0.244	0.104	0.162	261.216702	-31.373334	-2090.34	2019.92
5	GUIDE	966659224	9.11	5055	0.025	0.225	0.087	0.141	262.580513	-31.452173	-2174.74	-2178.13
6	GUIDE	966663304	9.48	5013	-0.133	-0.127	0.099	0.157	261.419967	-30.722285	282.72	1517.44
7	GUIDE	966658920	9.56	5050	0.080	0.130	0.099	0.163	262.388325	-31.303244	-1663.52	-1565.39

2.4 Star Slots

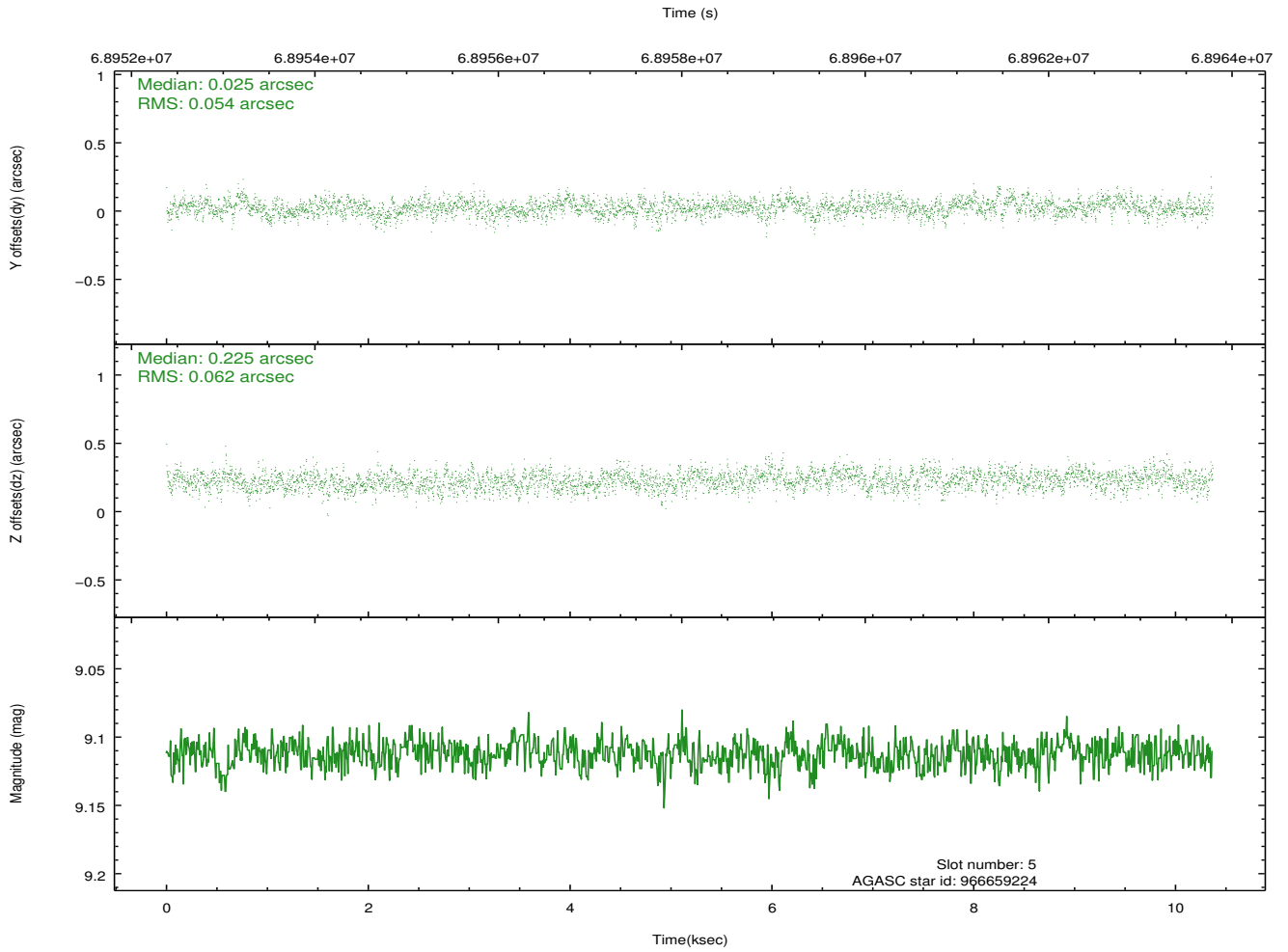
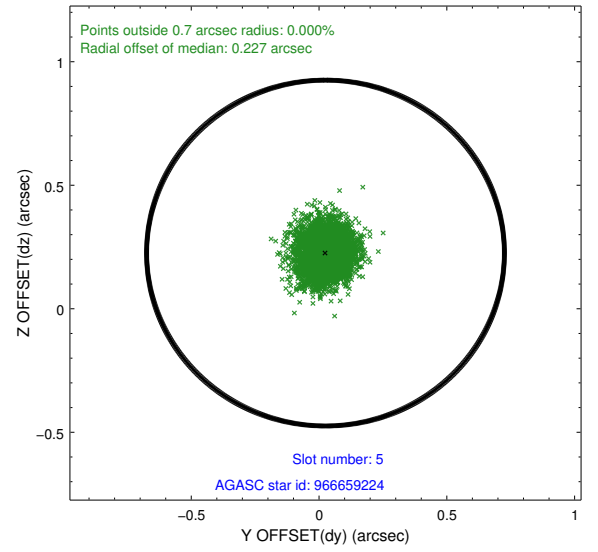
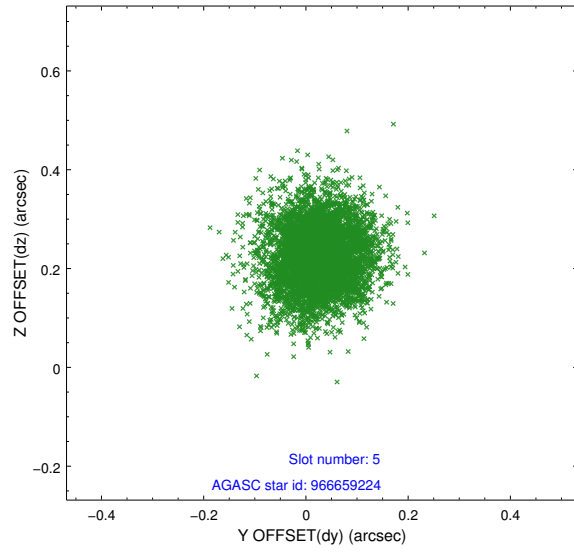
2.4.1 Slot 3



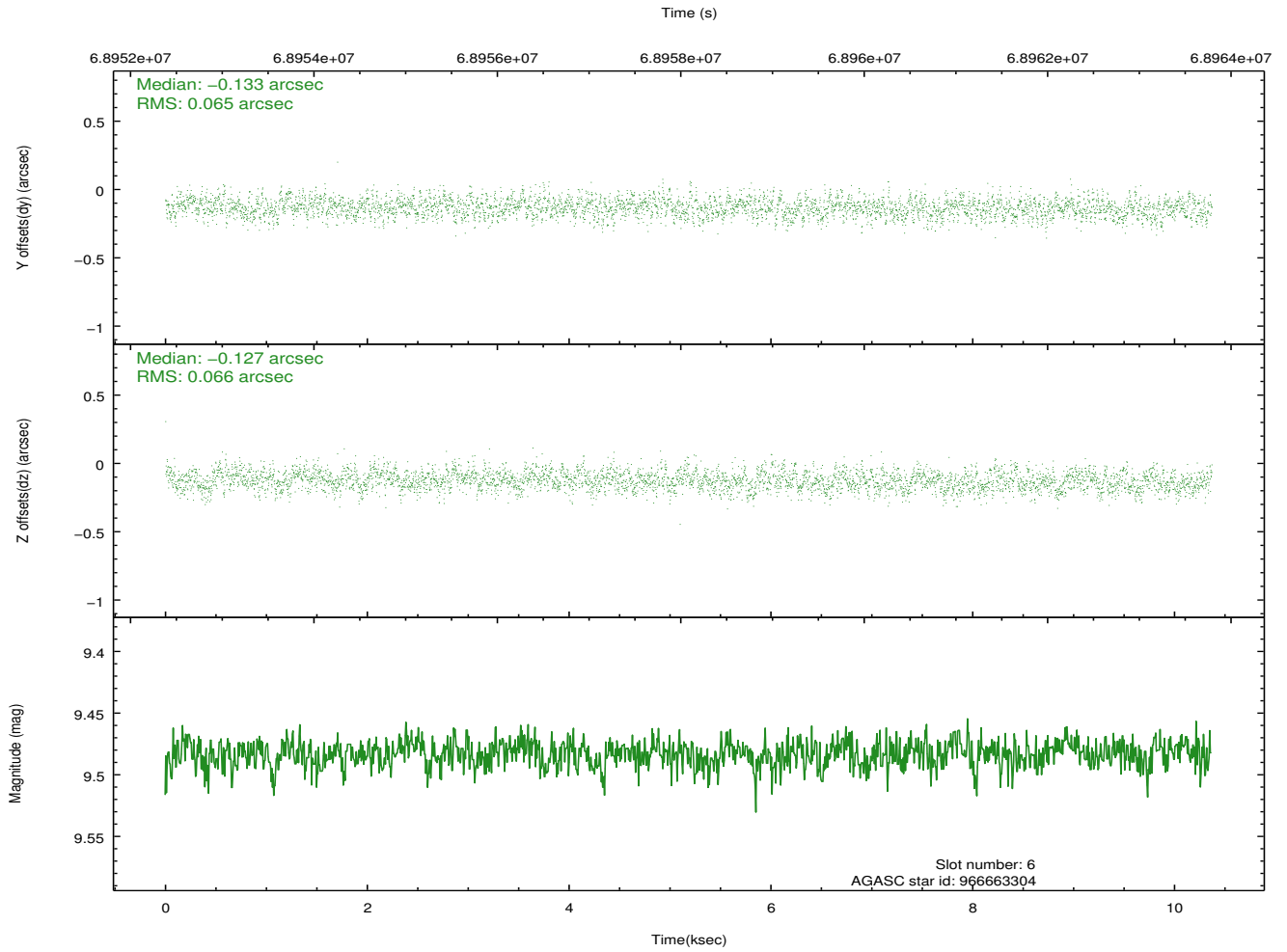
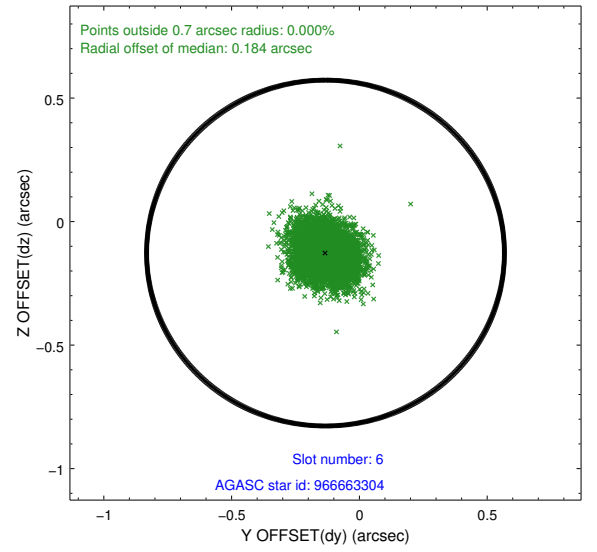
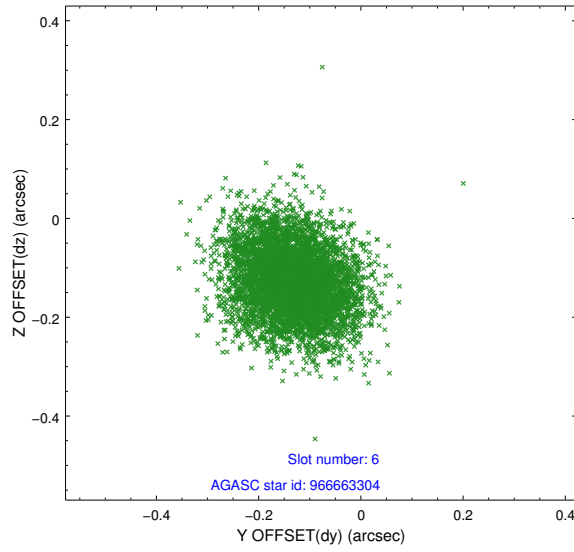
2.4.2 Slot 4



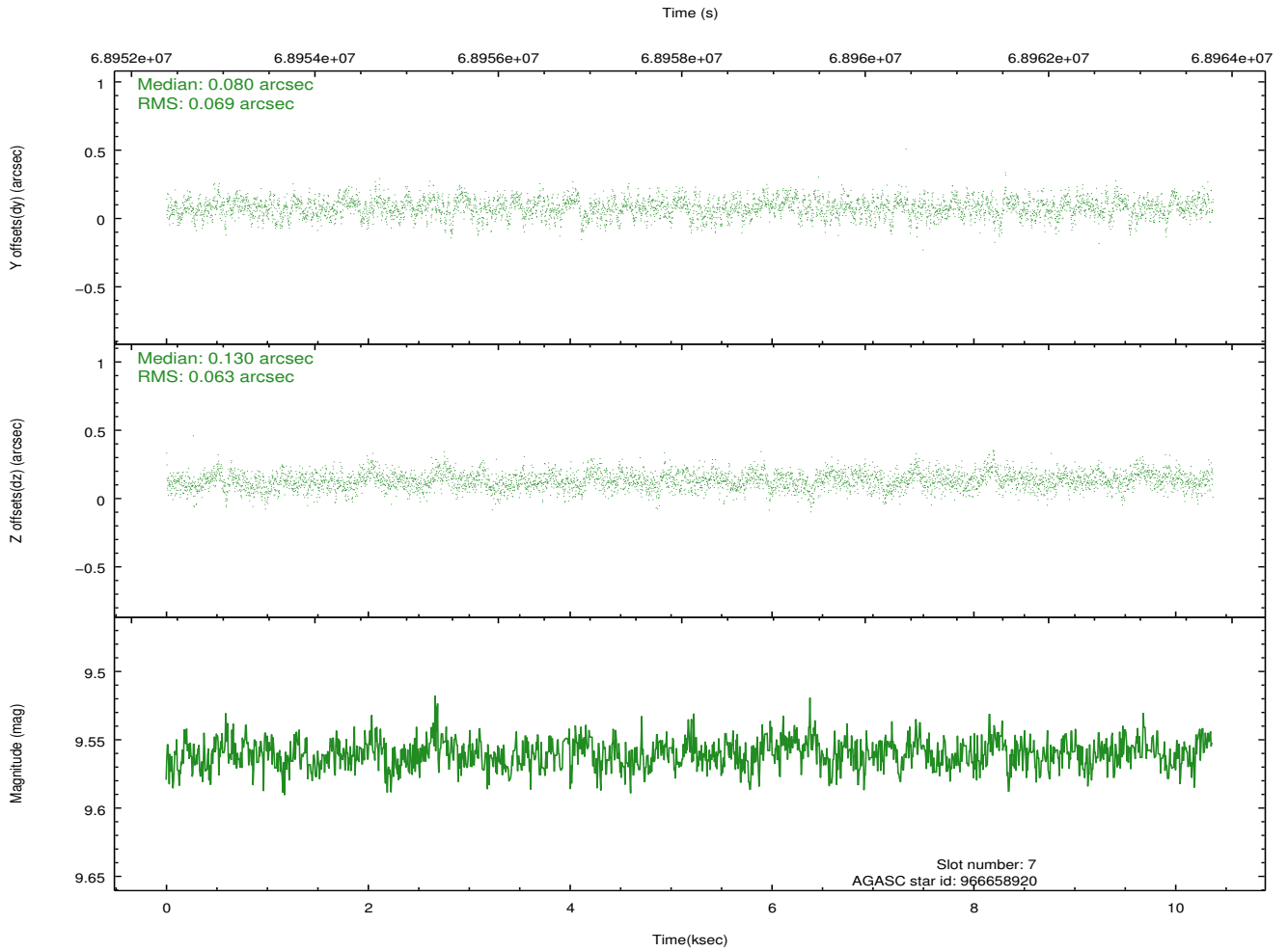
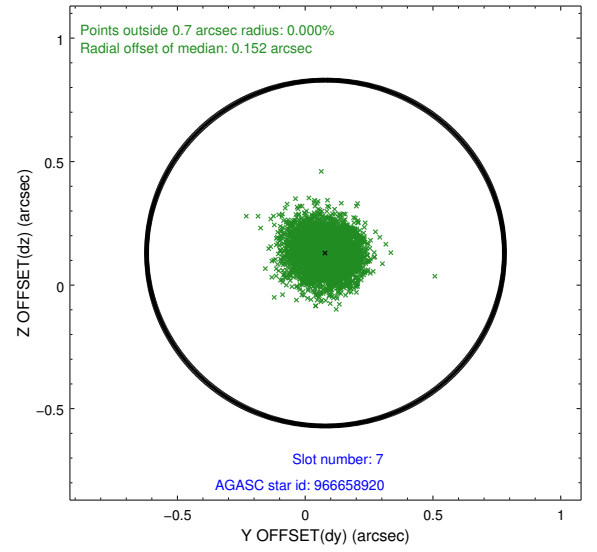
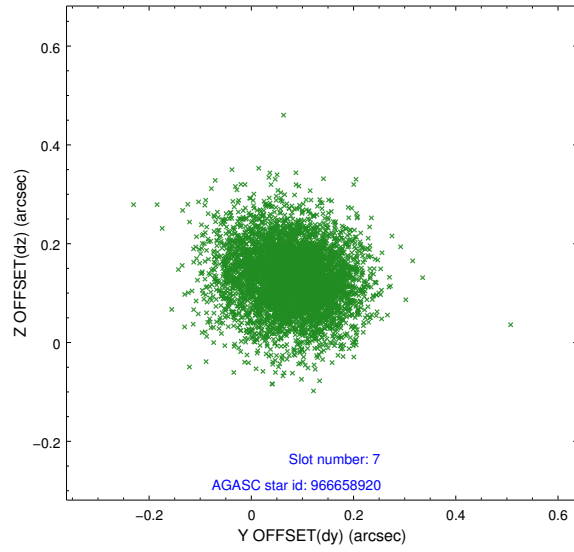
2.4.3 Slot 5



2.4.4 Slot 6

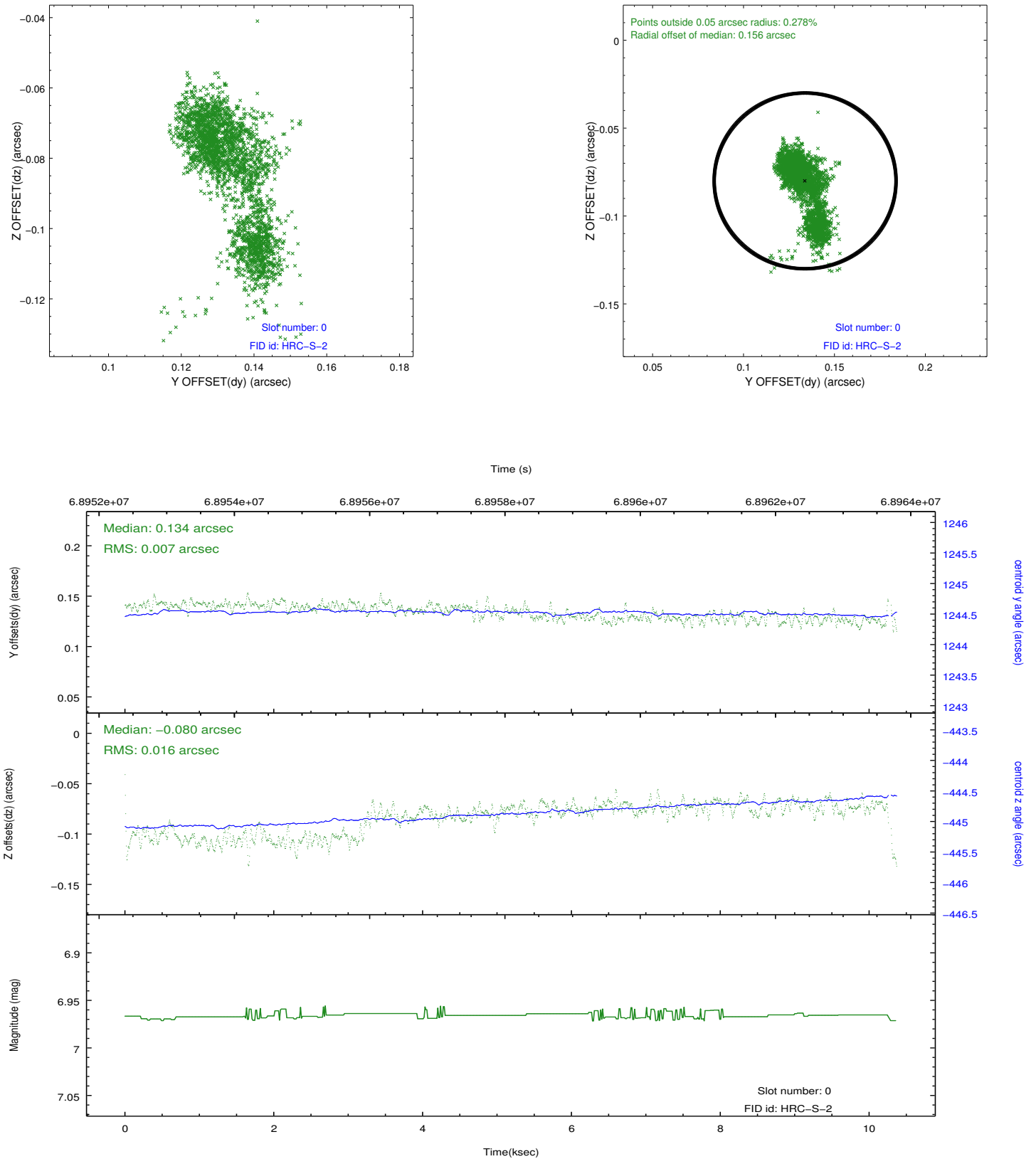


2.4.5 Slot 7

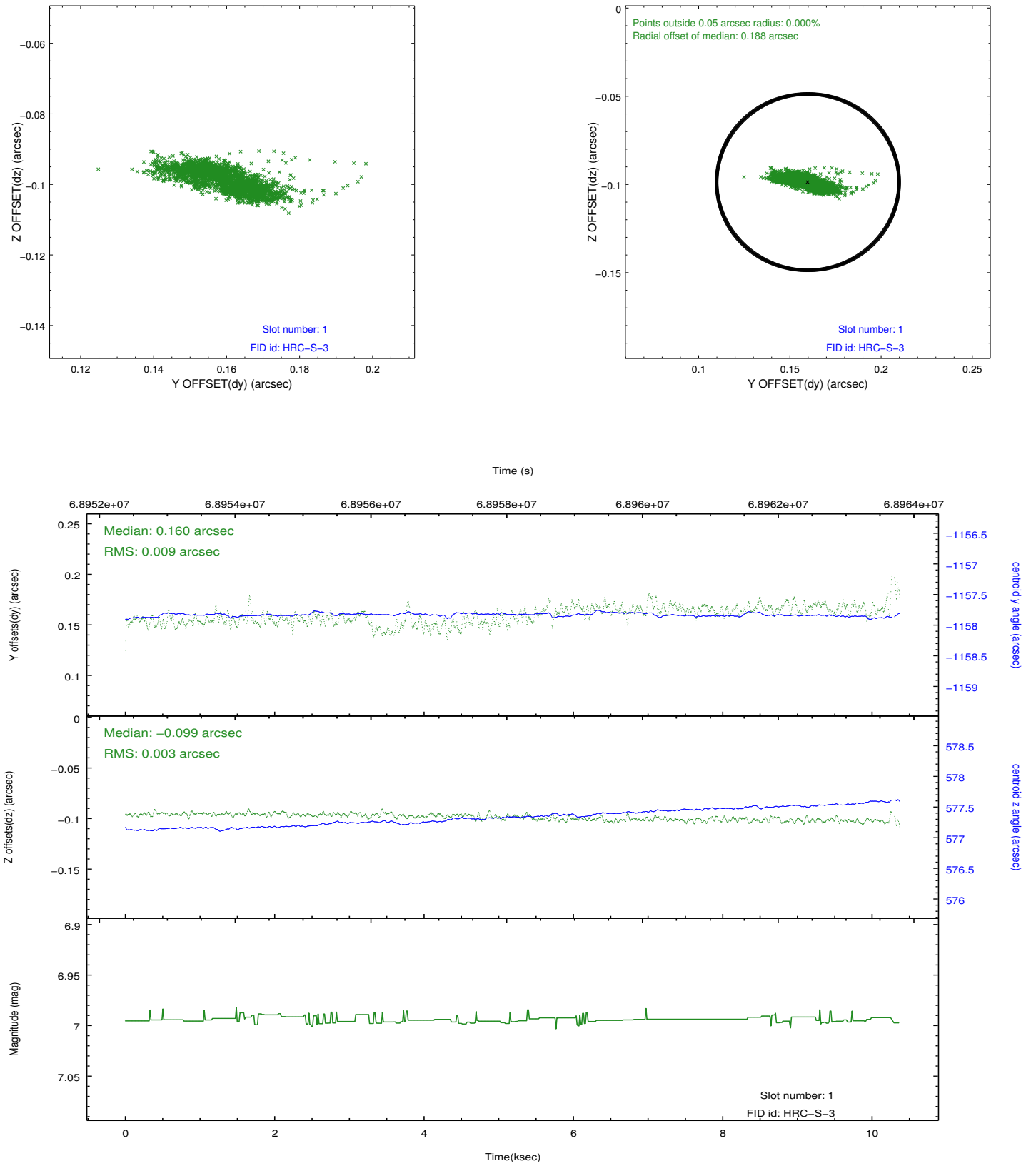


2.5 FID Slots

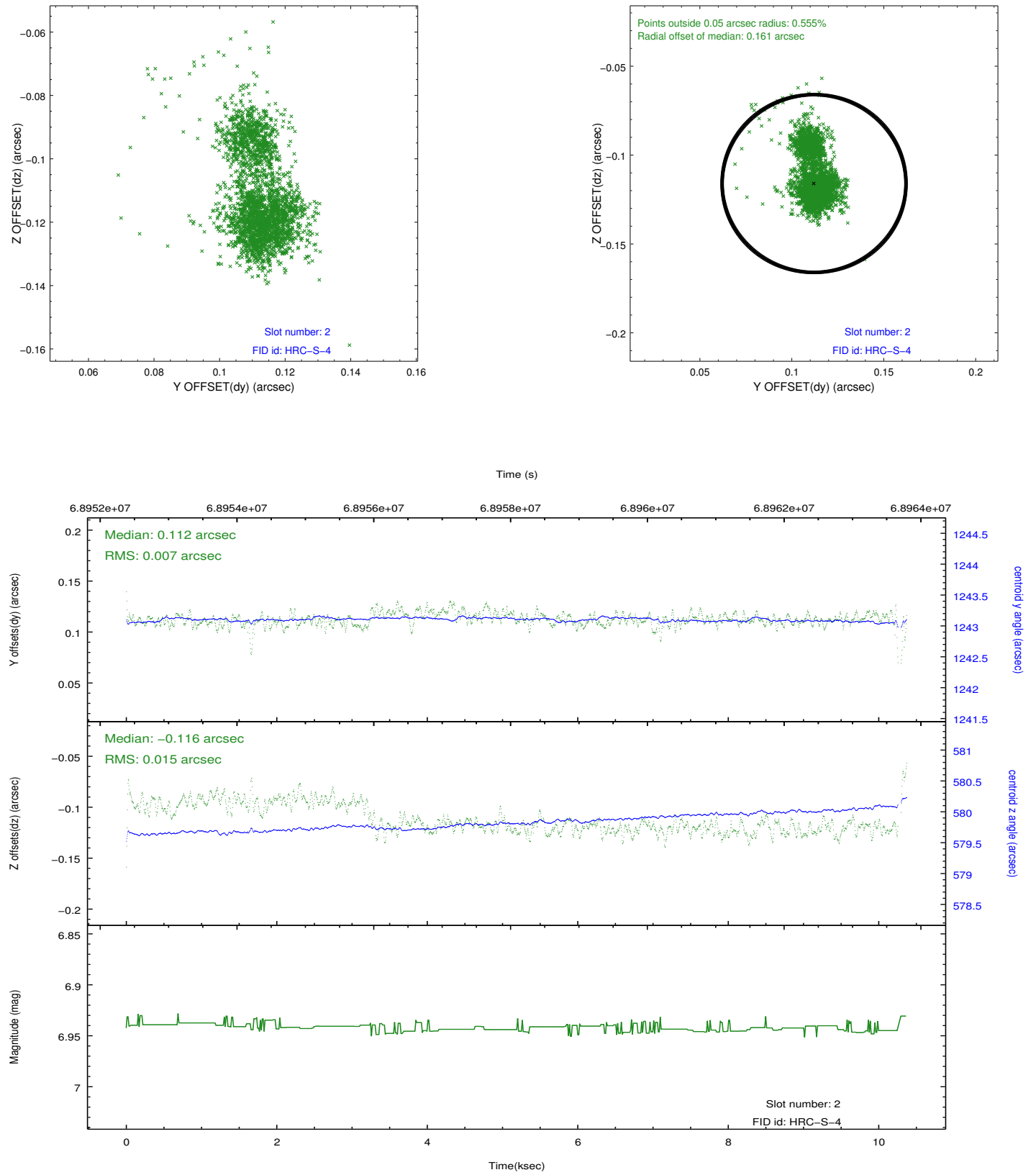
2.5.1 Slot 0



2.5.2 Slot 1

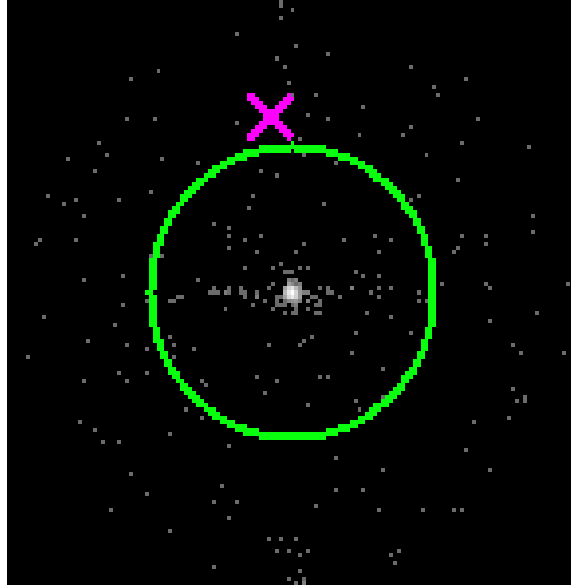


2.5.3 Slot 2

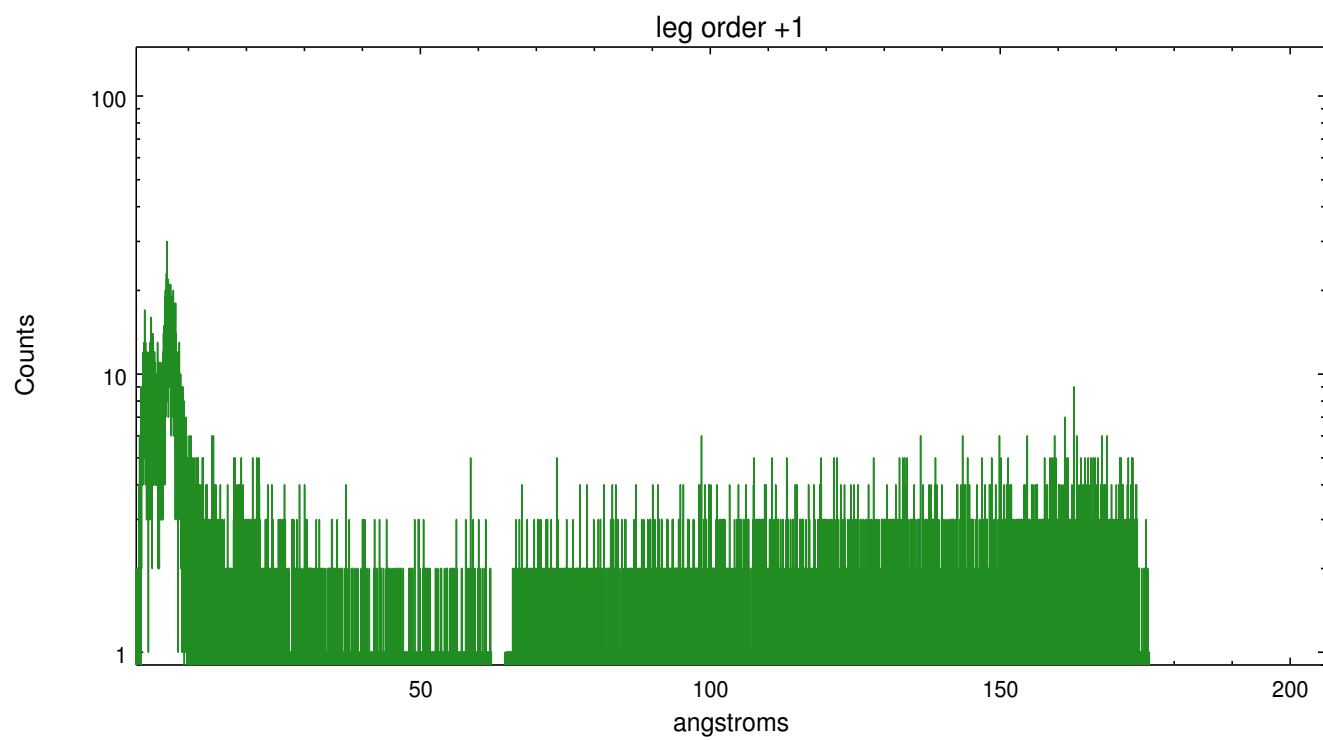
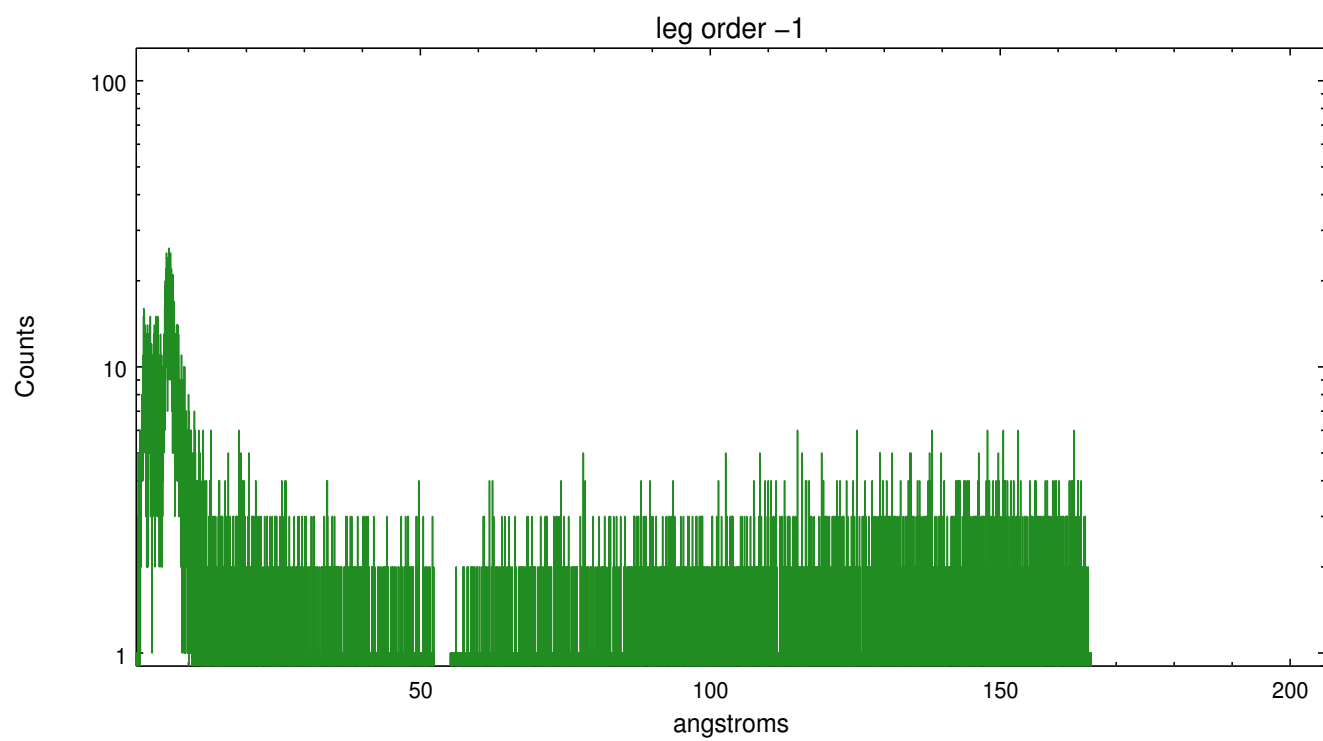


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.19

A.2 Comments