

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7390 - L2 Version 3
Chandra X-Ray Center

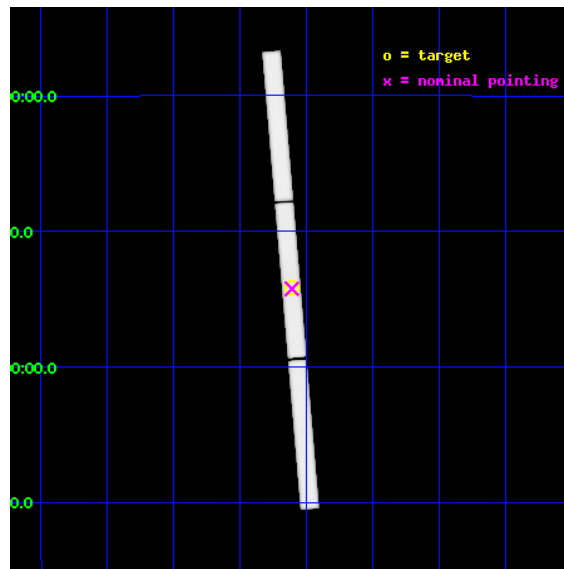
L2 Processing Date : Aug 11 2012

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1 Front

seq_num	300184	Sequence number
obs_id	7390	Observation id
title	RS Oph: Exploring the Site of a Recurrent Symbiotic Nova Explosion	
observer	Regents' Professor Sumner Starrfield	Principal investigator
object	RS Oph	Source name
ra_targ	267.555	Observer's specified target RA [deg]
dec_targ	-6.707917	Observer's specified target Dec [deg]
ra_nom	267.55446061904	Nominal RA [deg]
dec_nom	-6.7125744846908	Nominal Dec [deg]
roll_nom	265.06726697605	Nominal Roll [deg]
revision	3	Processing version of data
ontime	40184.870638549	[s]
livetime	39484.304261149	Ontime multiplied by DTCOR
l2events	3537711	Number of level 2 events

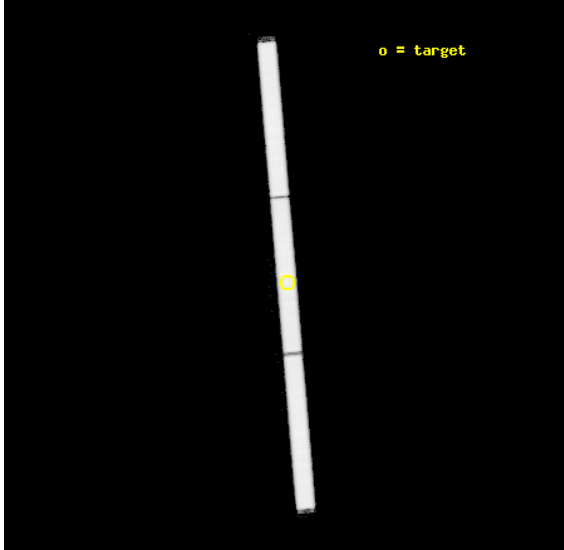


2 OBI

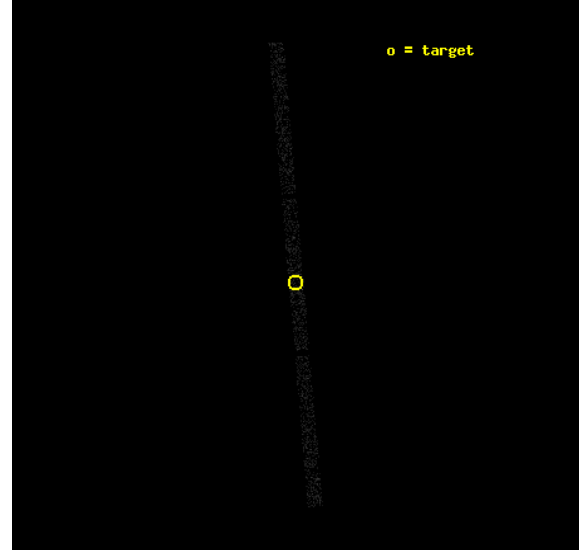
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	40000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	40184.870638549	[s]
caldsver	4.5.1.1	 	l1events	4605359	Number of level 1 events
date	2012-08-11T10:31:24	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

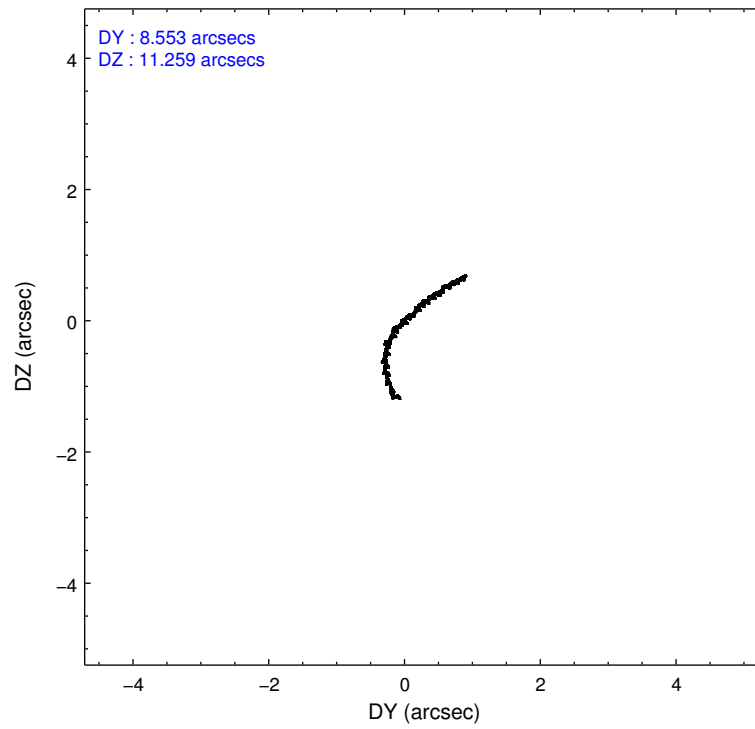
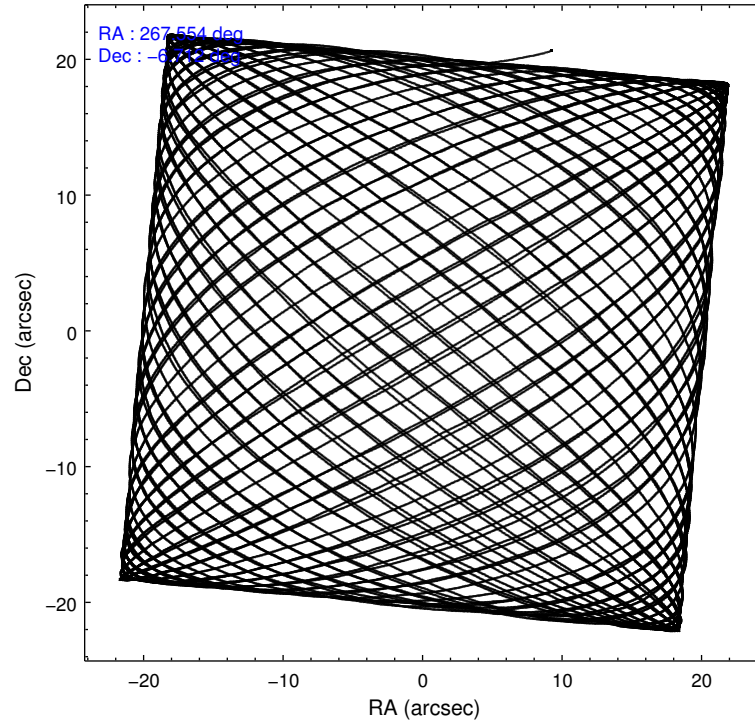
Level 1 Events

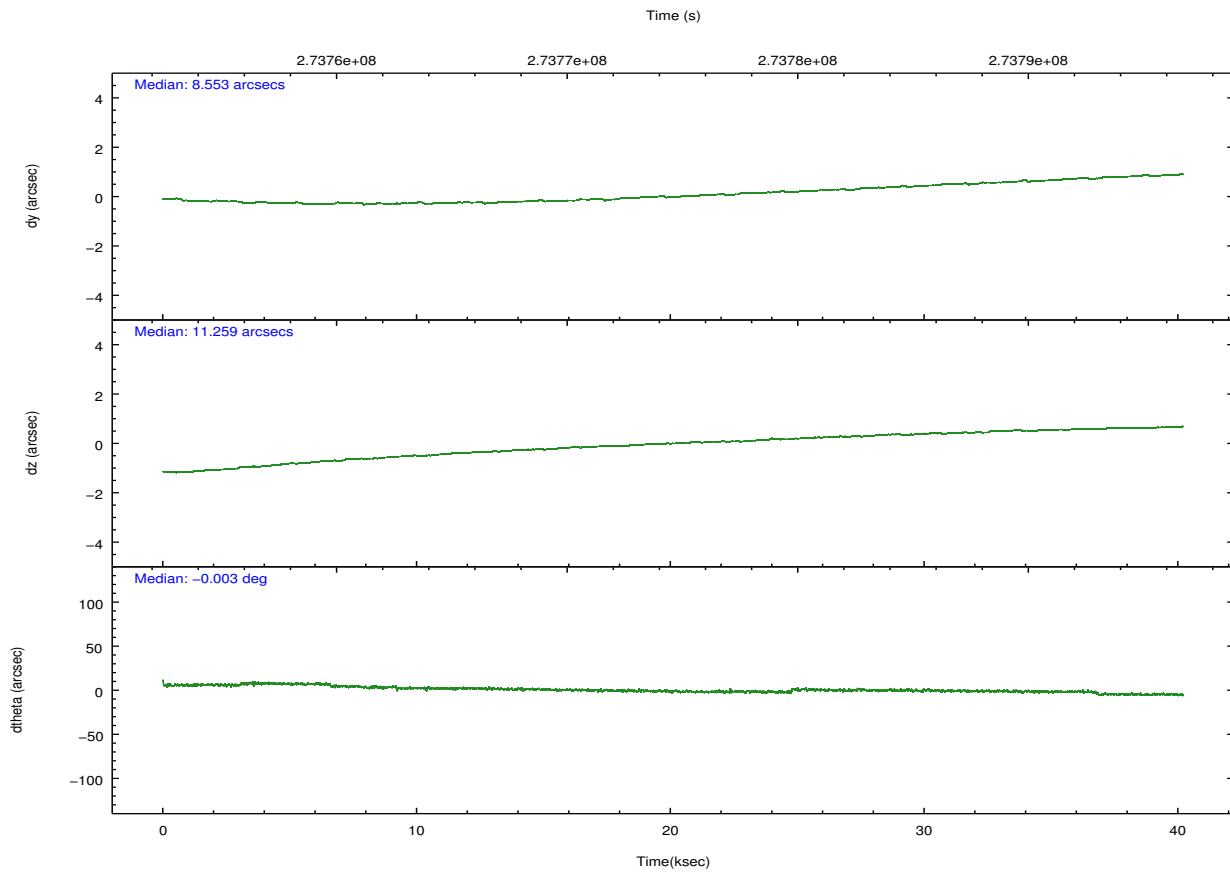
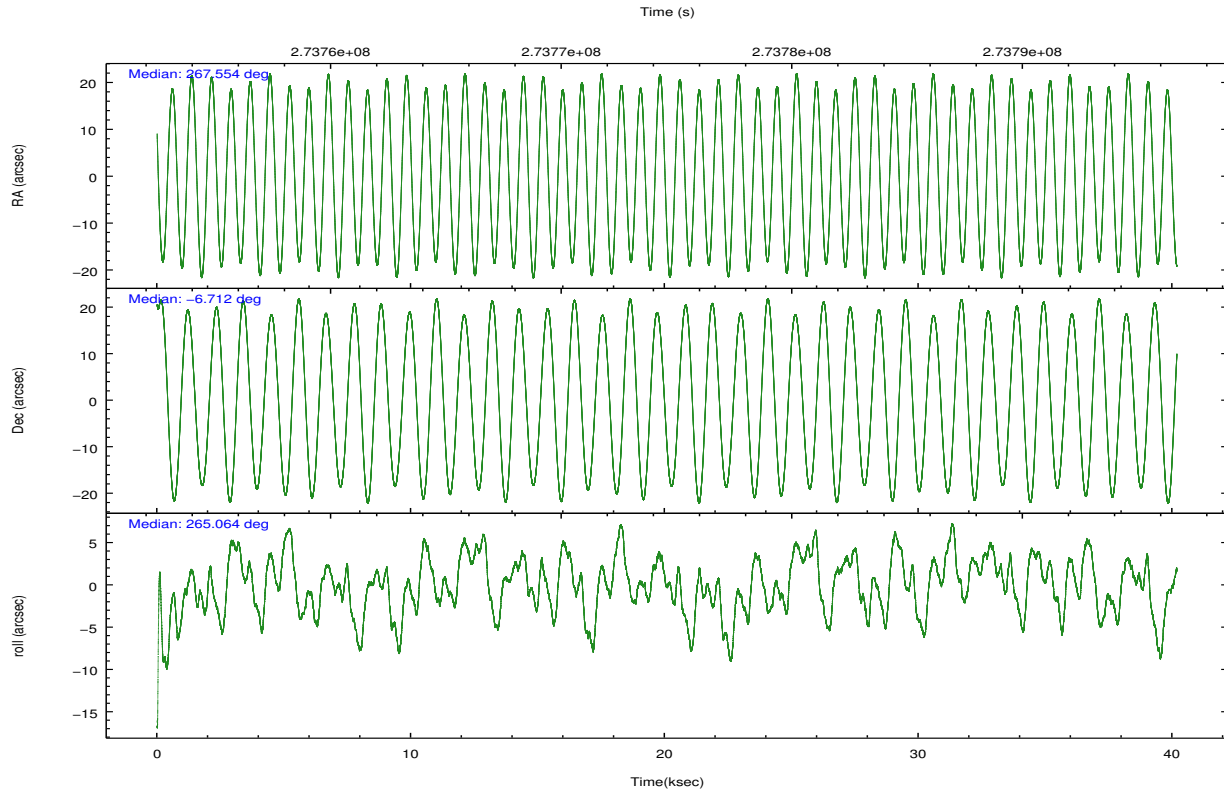
	segment 1	segment 2	segment 3
level 1 events	1587964	1495159	1522236
rejected events	44761	39490	40429
rejected %	2%	2%	2%

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	267.540980	267.5544606190363			
[deg] Pointing Dec	-6.687290	-6.712574484690788			
[deg] Pointing Roll	264.998369	265.0672669760453			
[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)	273754697.184000	273753799.65926			
Observation start date	2006-09-04T10:57:12	2006-09-04T10:43:19			
[s] Observation end time (MET)	273794697.184000	273795969.69874			
Observation end date	2006-09-04T22:03:52	2006-09-04T22:26:09			

2.3 Aspect



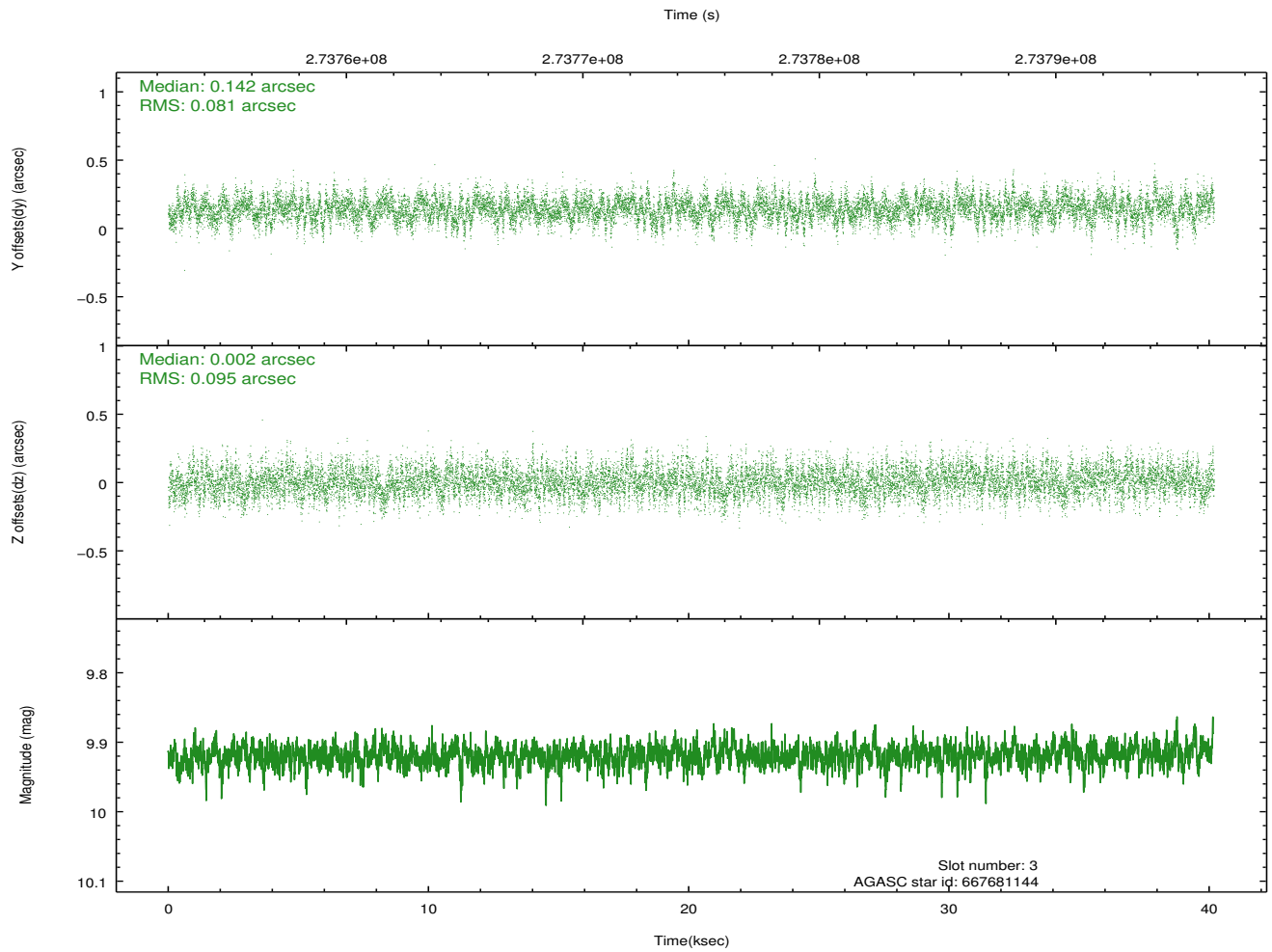
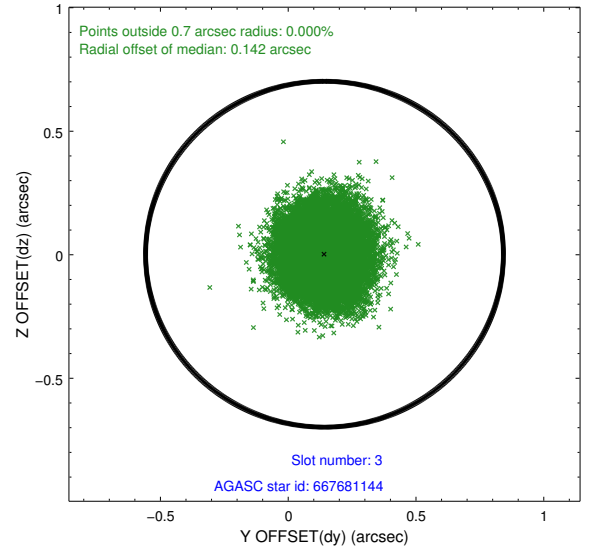
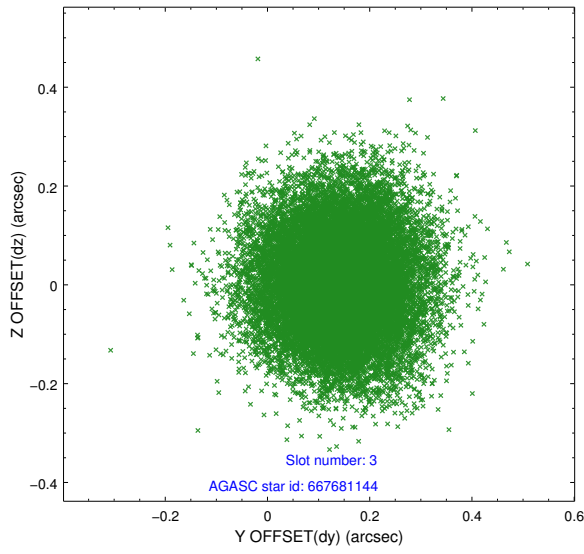


Slot Statistics

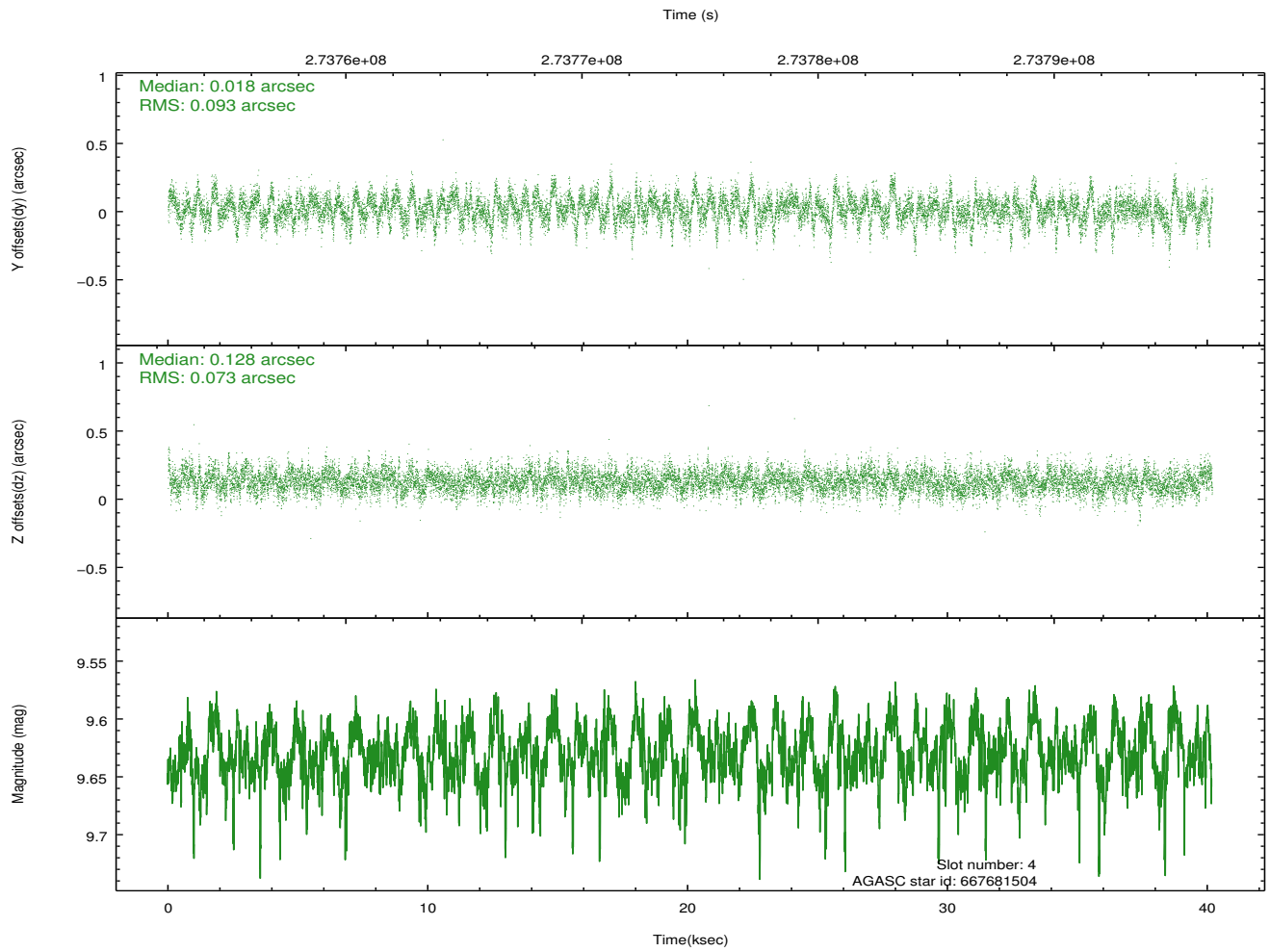
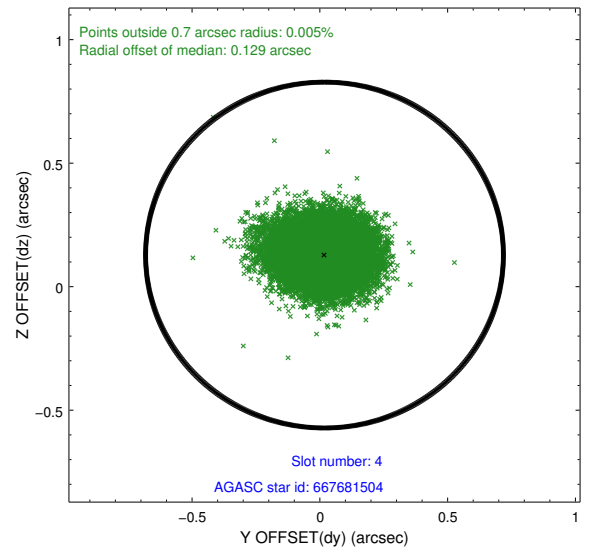
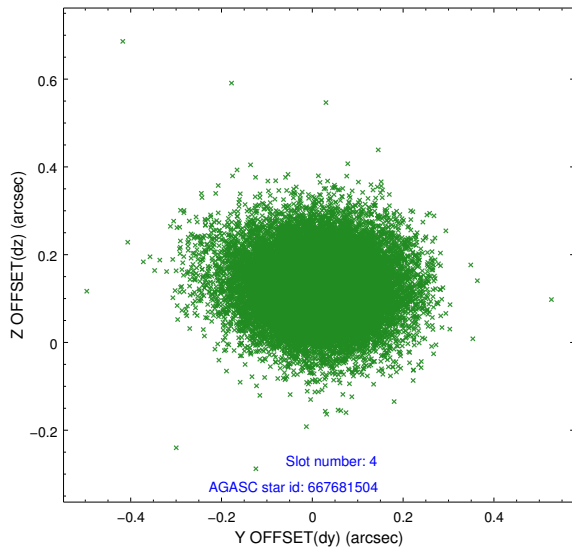
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.00	9802	0.127	-0.145	0.025	0.040	0.000000	0.000000	1236.81	-452.54
1	FID	HRC-S-3	7.02	9801	0.053	-0.102	0.019	0.037	0.000000	0.000000	-1165.53	569.66
2	FID	HRC-S-4	6.97	9801	0.221	-0.053	0.022	0.038	0.000000	0.000000	1235.37	572.34
3	GUIDE	667681144	9.92	19577	0.142	0.002	0.132	0.216	267.013326	-6.291734	-1252.35	-2004.77
4	GUIDE	667681504	9.63	19573	0.018	0.128	0.124	0.206	267.752861	-6.895149	680.23	820.48
5	GUIDE	667683168	9.37	19561	0.197	0.020	0.103	0.172	267.624316	-7.281951	2107.51	483.59
6	GUIDE	667683800	8.86	19534	-0.157	-0.154	0.095	0.152	266.906535	-6.565778	-236.03	-2298.17
7	GUIDE	667681872	9.46	19557	-0.197	0.005	0.100	0.167	267.641810	-6.050285	-2314.83	159.67

2.4 Star Slots

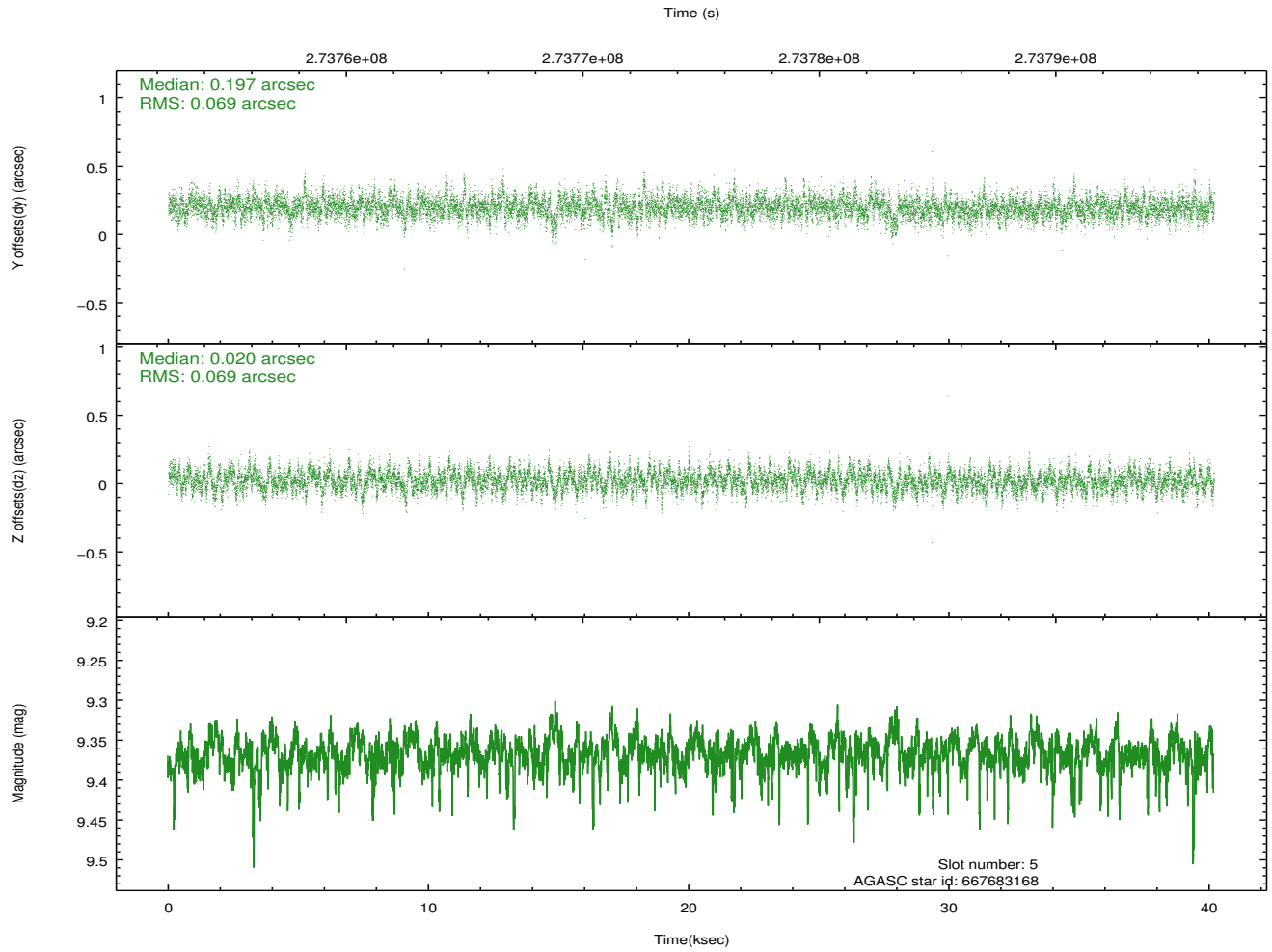
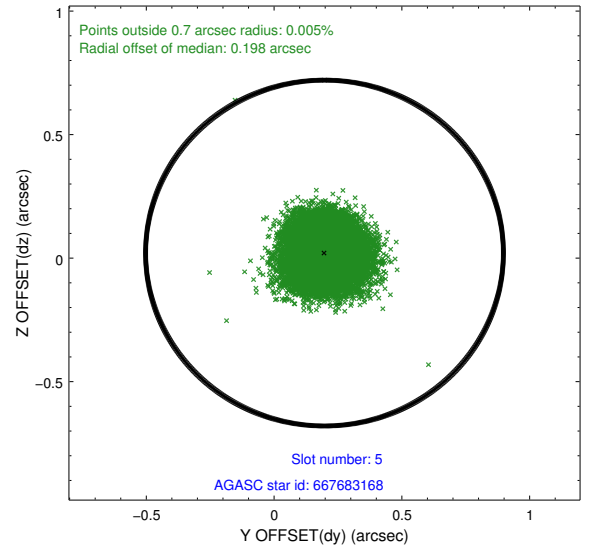
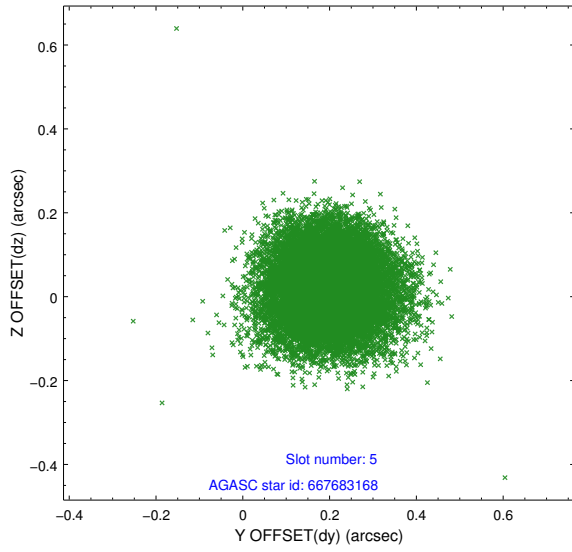
2.4.1 Slot 3



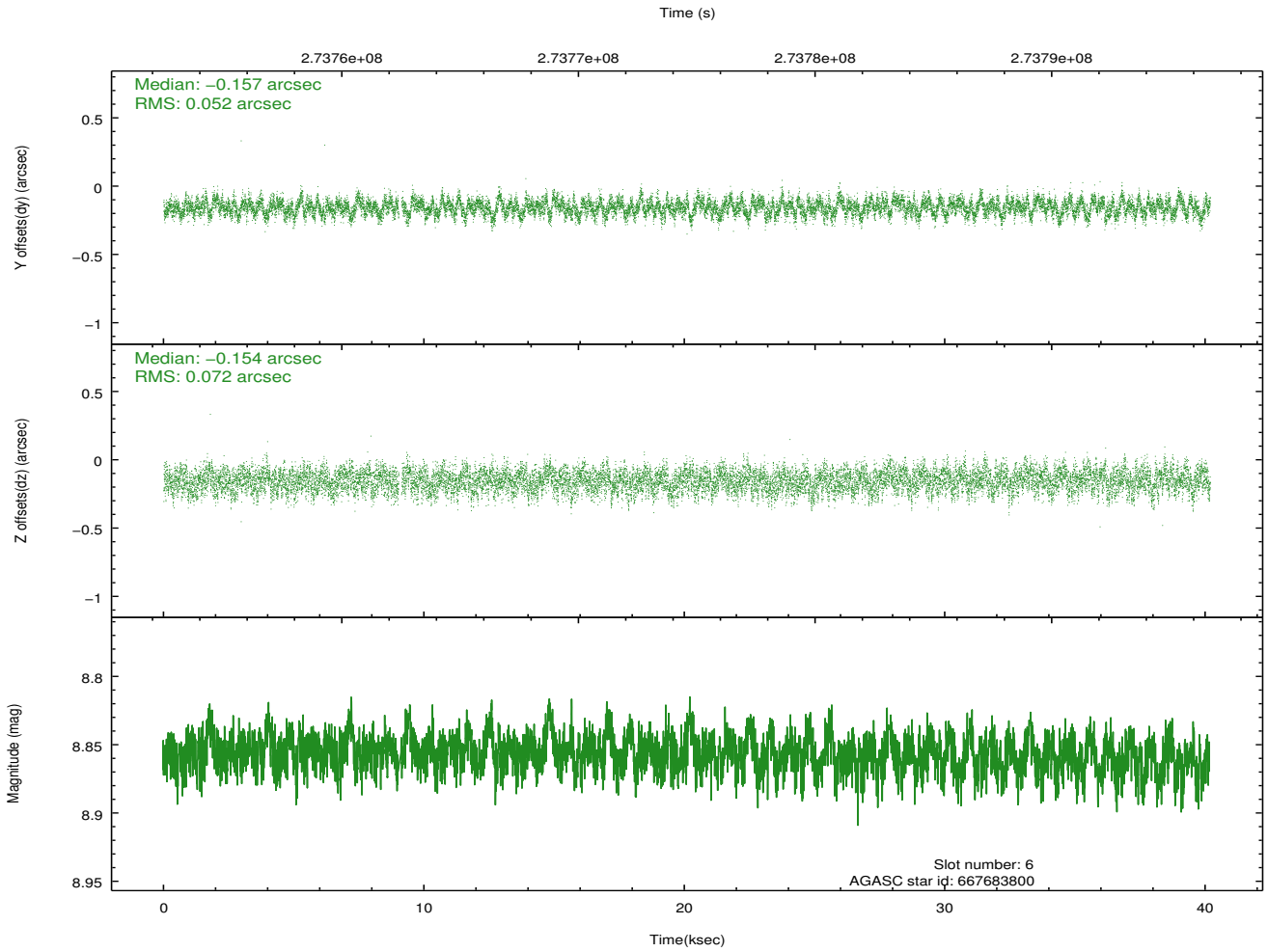
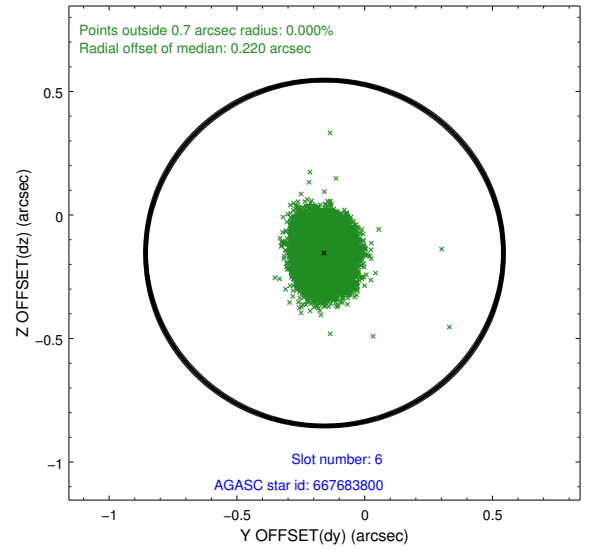
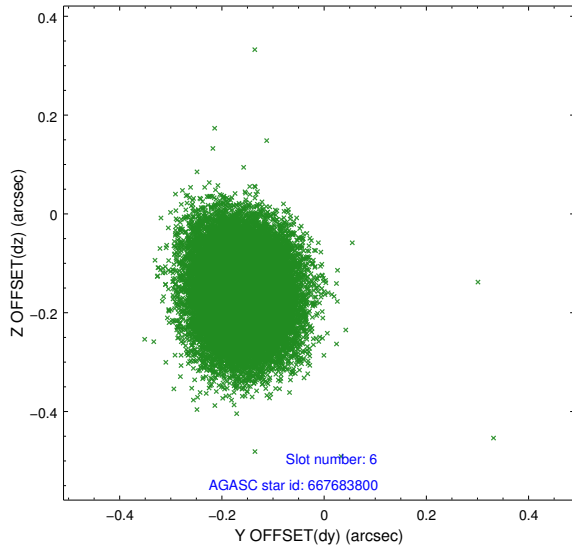
2.4.2 Slot 4



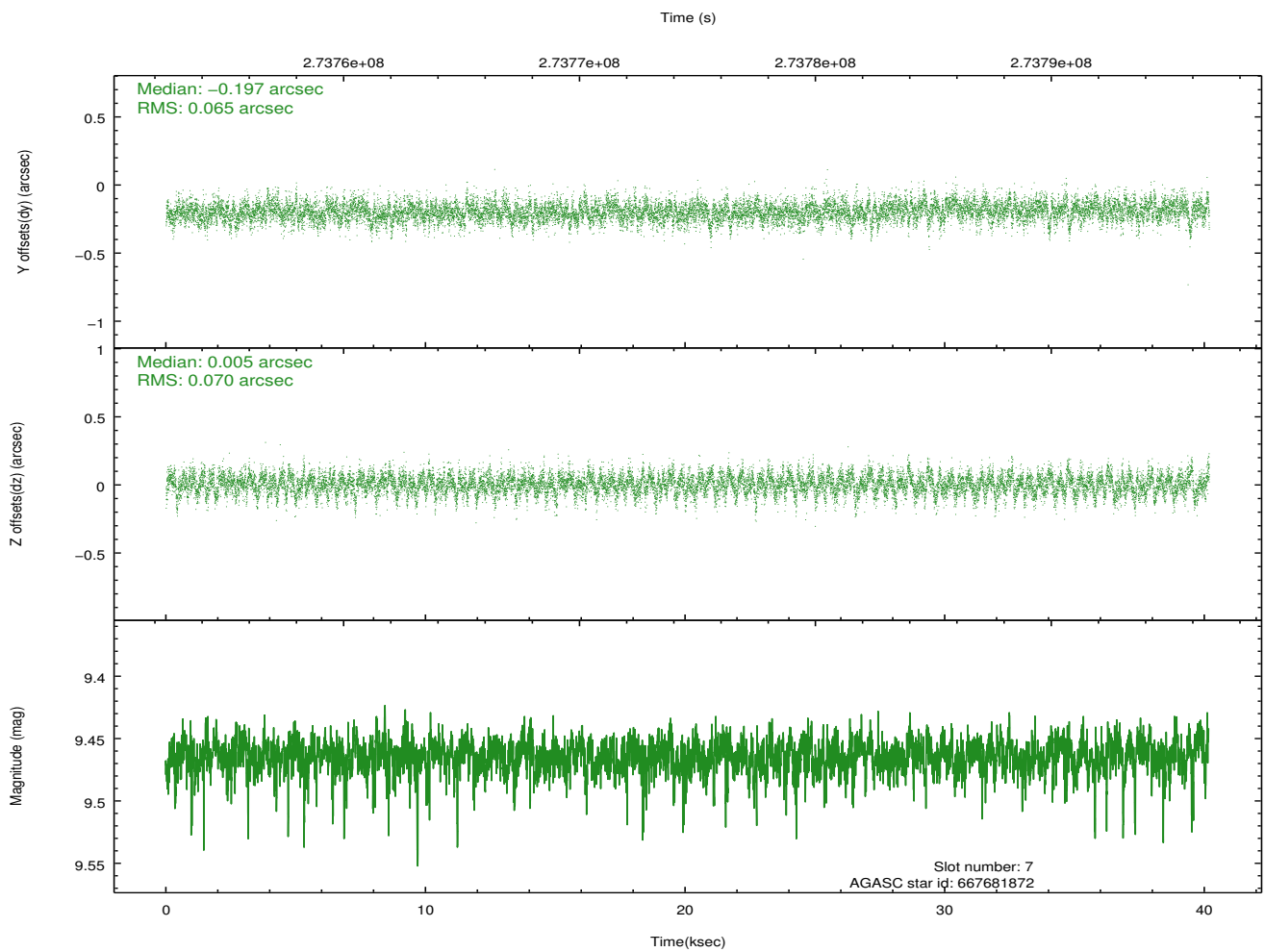
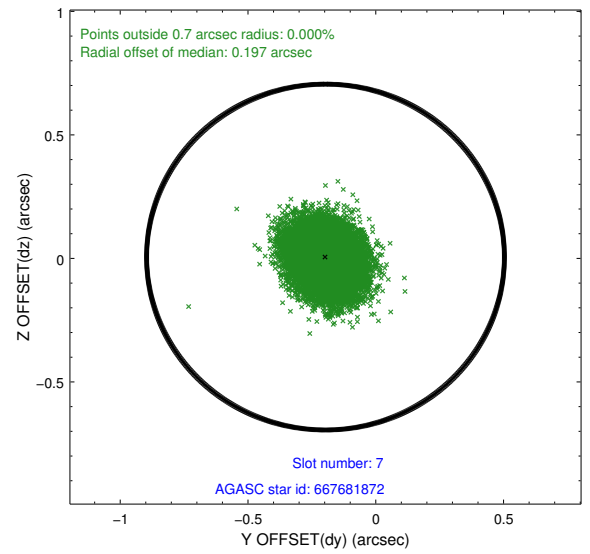
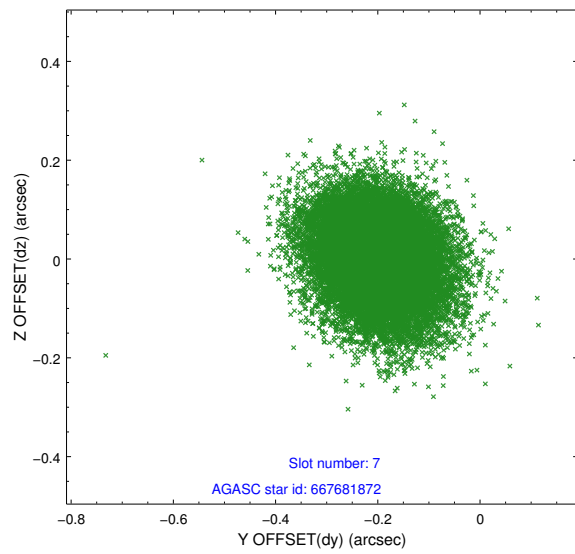
2.4.3 Slot 5



2.4.4 Slot 6

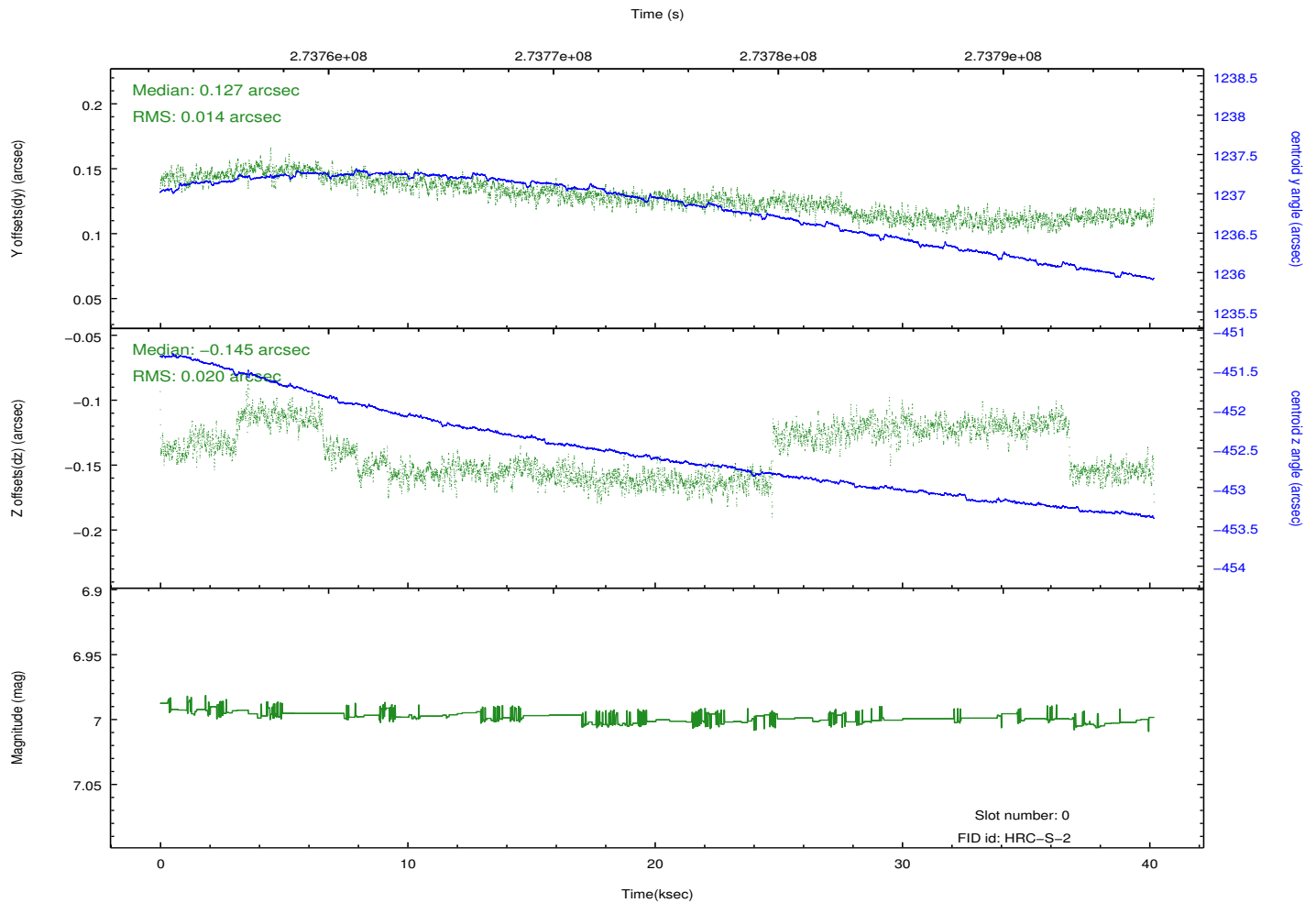
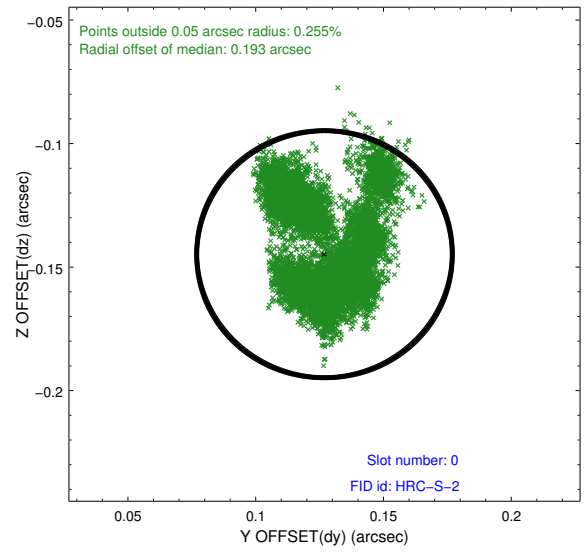
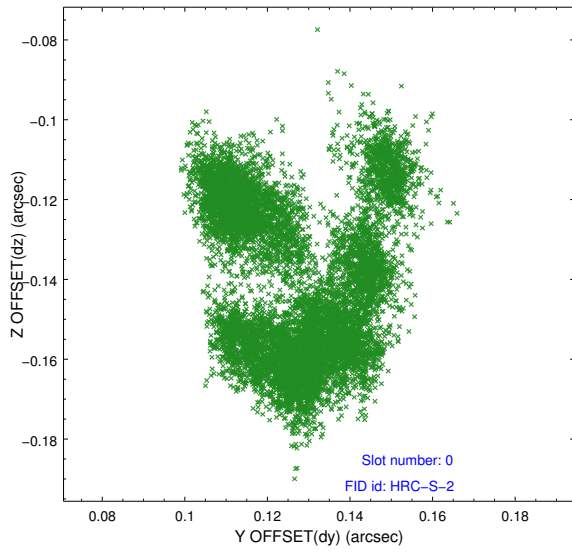


2.4.5 Slot 7

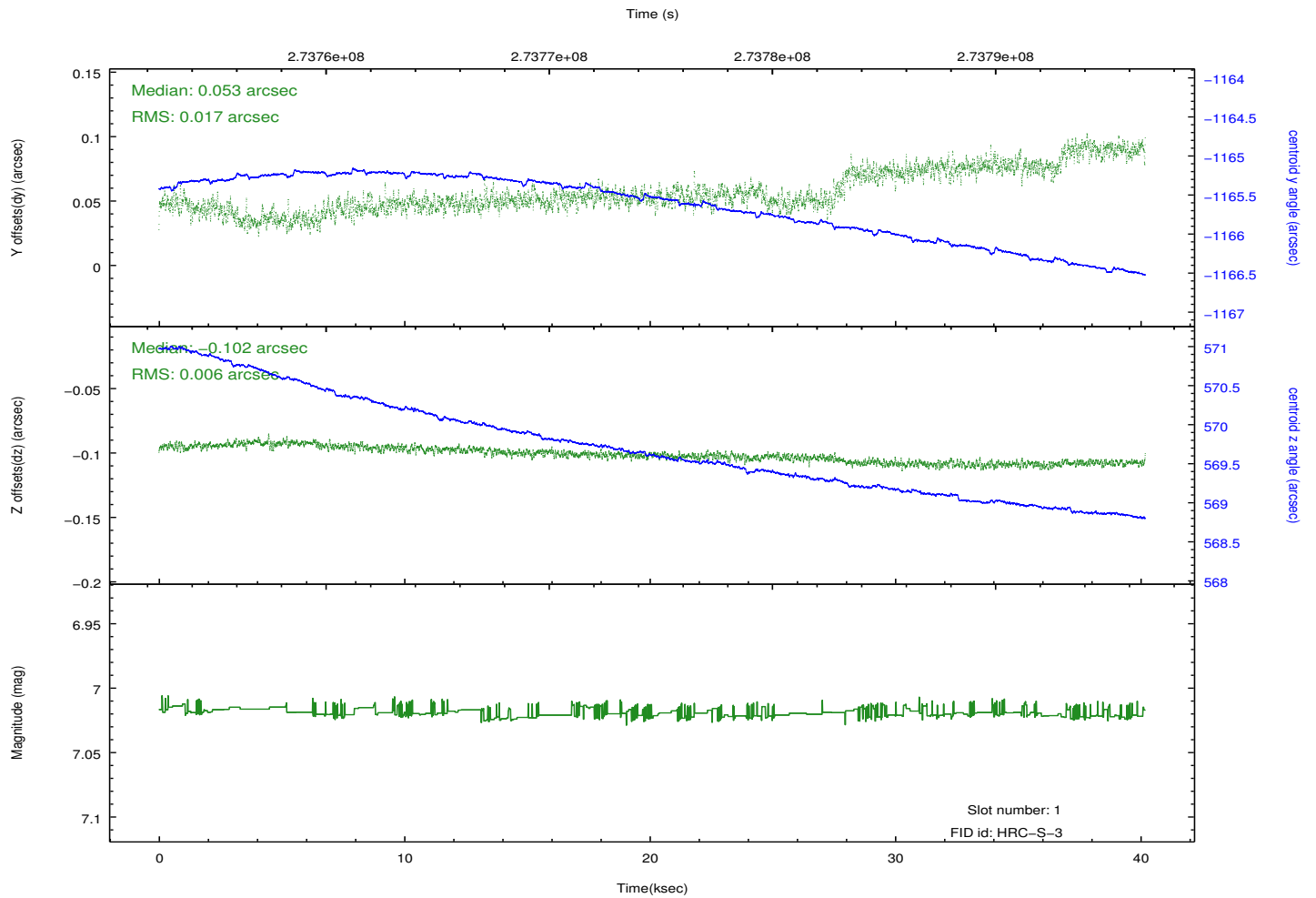
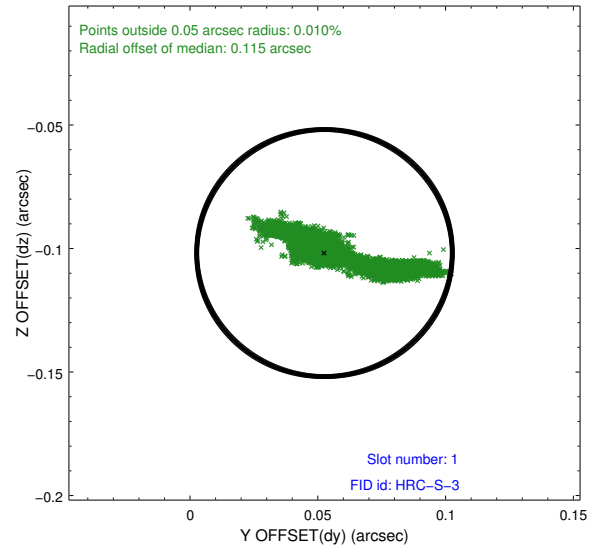
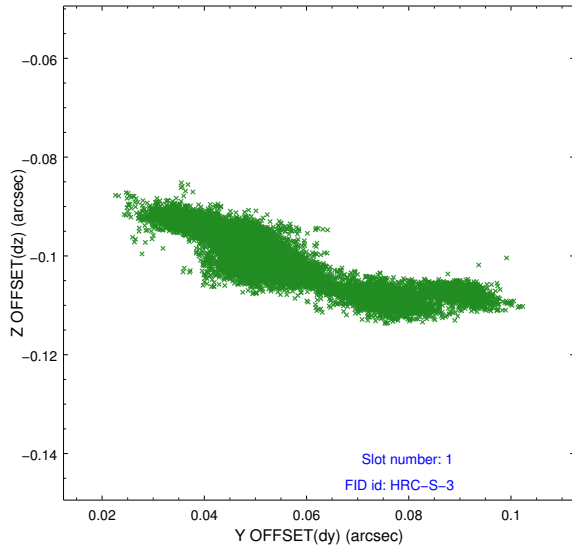


2.5 FID Slots

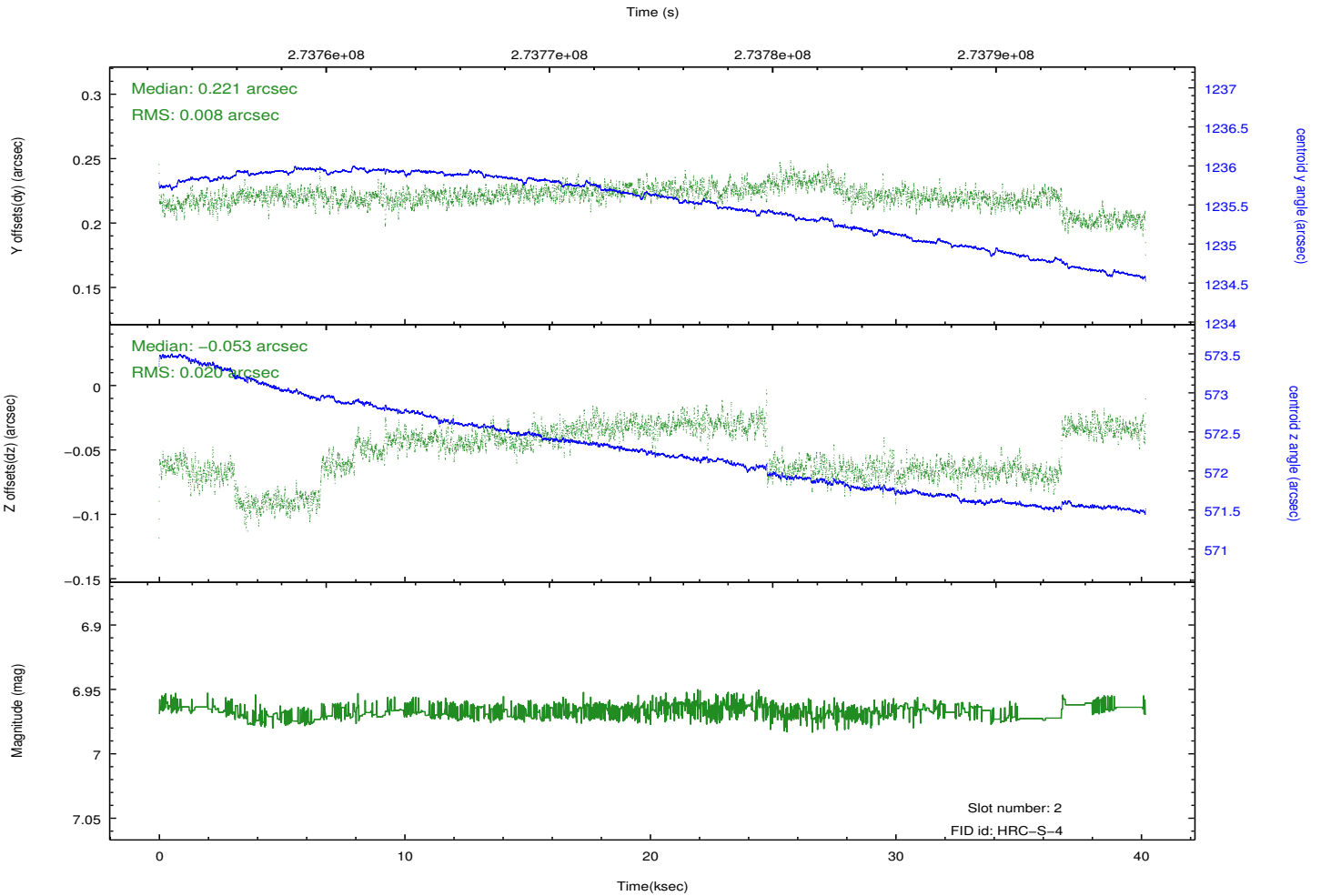
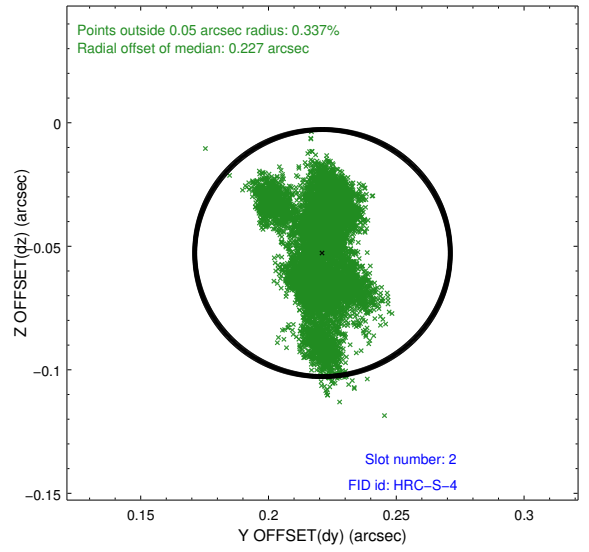
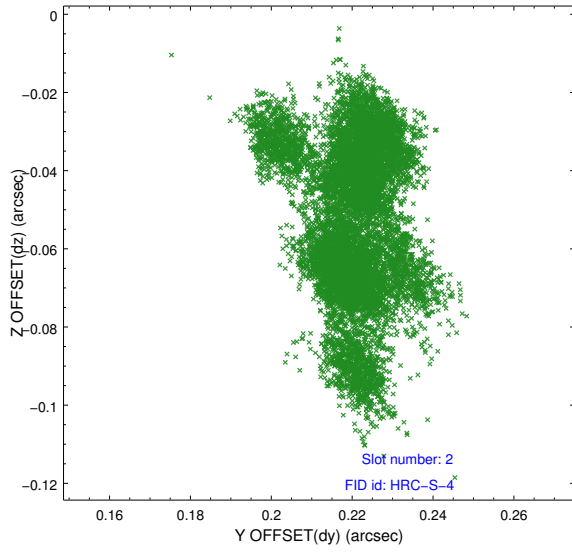
2.5.1 Slot 0



2.5.2 Slot 1

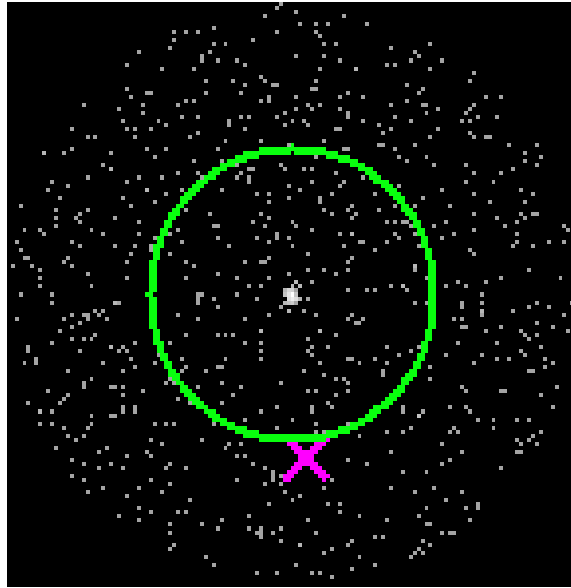


2.5.3 Slot 2

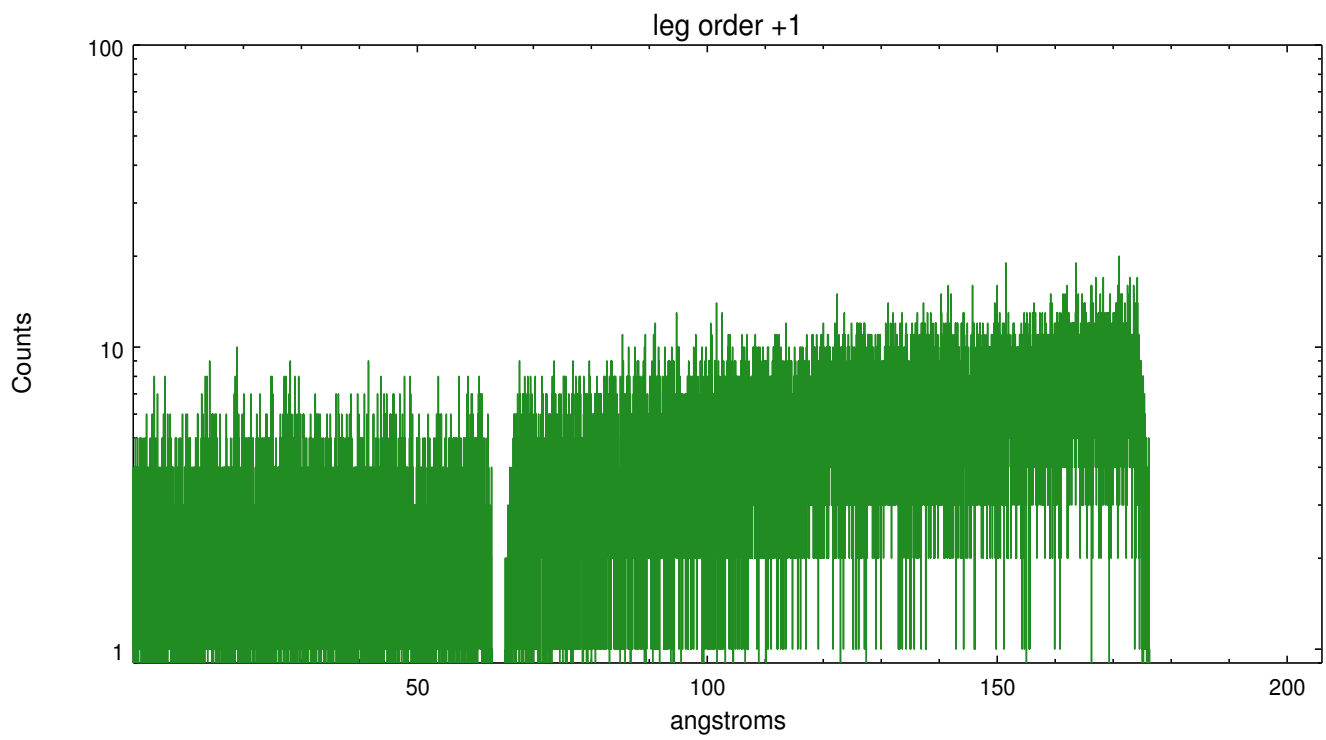
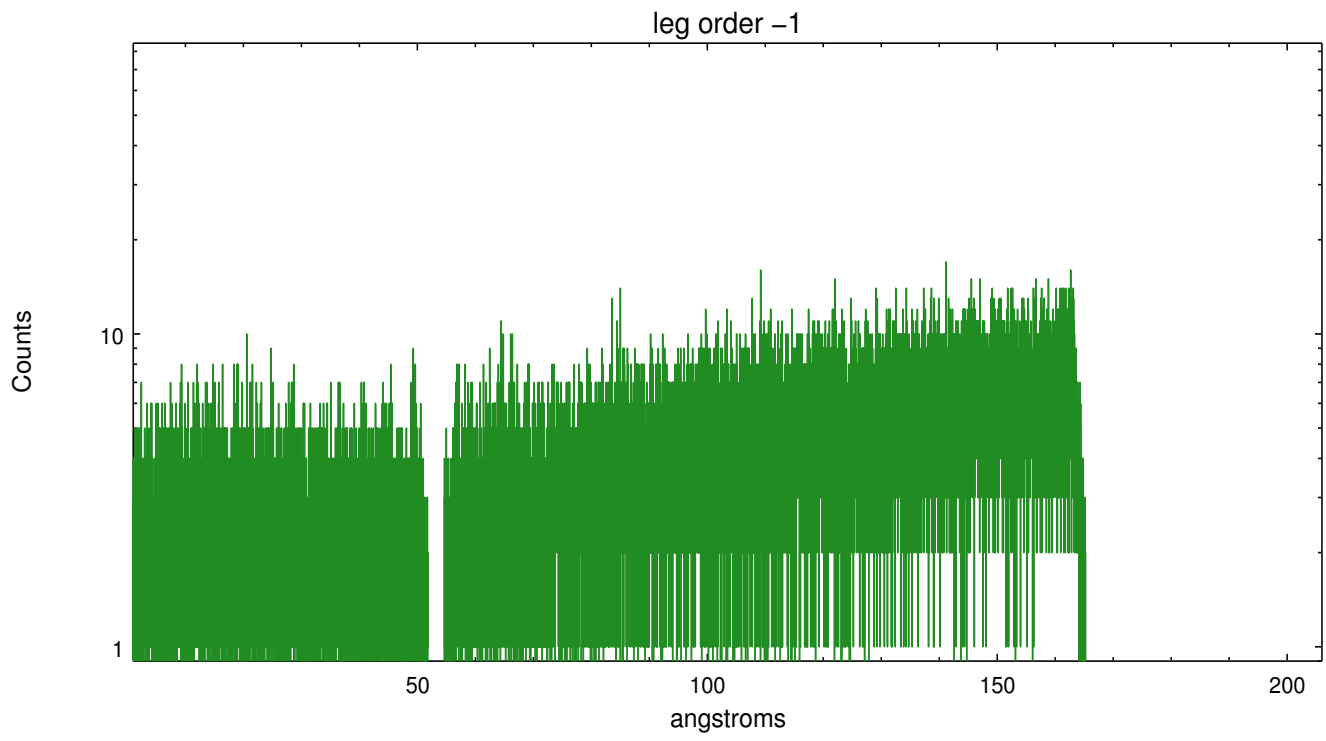


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.1848706

A.2 Comments