

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8519 - L2 Version 4
Chandra X-Ray Center

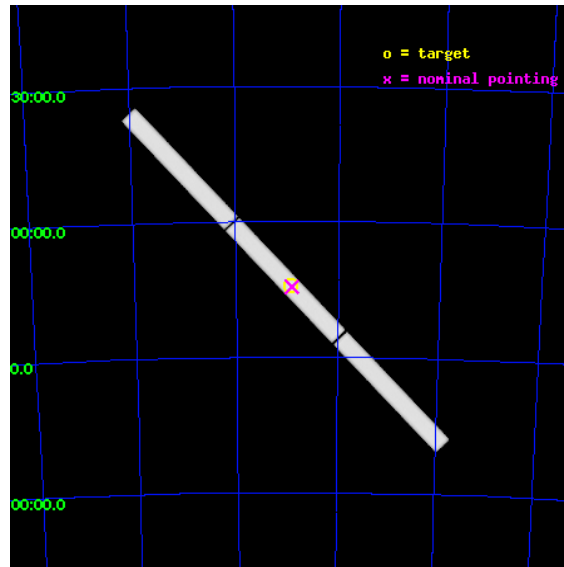
L2 Processing Date : Aug 12 2012

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1 Front

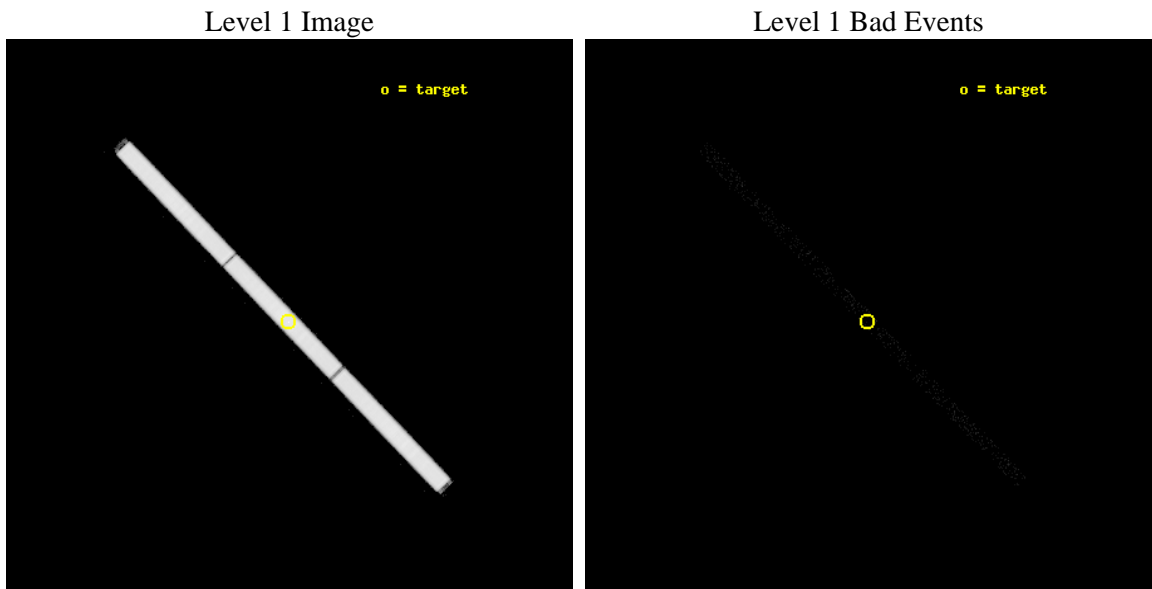
seq_num	300190	Sequence number
obs_id	8519	Observation id
title	Supersoft Sources at Low Metallicity: SMC 13	Proposal title
observer	Dr. Thierry Lanz	Principal investigator
object	SMC 13	Source name
ra_targ	9.329167	Observer's specified target RA [deg]
dec_targ	-72.237222	Observer's specified target Dec [deg]
ra_nom	9.318225979511	Nominal RA [deg]
dec_nom	-72.240611527579	Nominal Dec [deg]
roll_nom	226.05691032454	Nominal Roll [deg]
revision	4	Processing version of data
ontime	42665.498897374	[s]
livetime	42285.39169963	Ontime multiplied by DTCOR
l2events	3140629	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	42500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	42665.627027094	[s]
caldbver	4.5.1.1	 	l1events	4272559	Number of level 1 events
date	2012-08-11T19:21:54	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

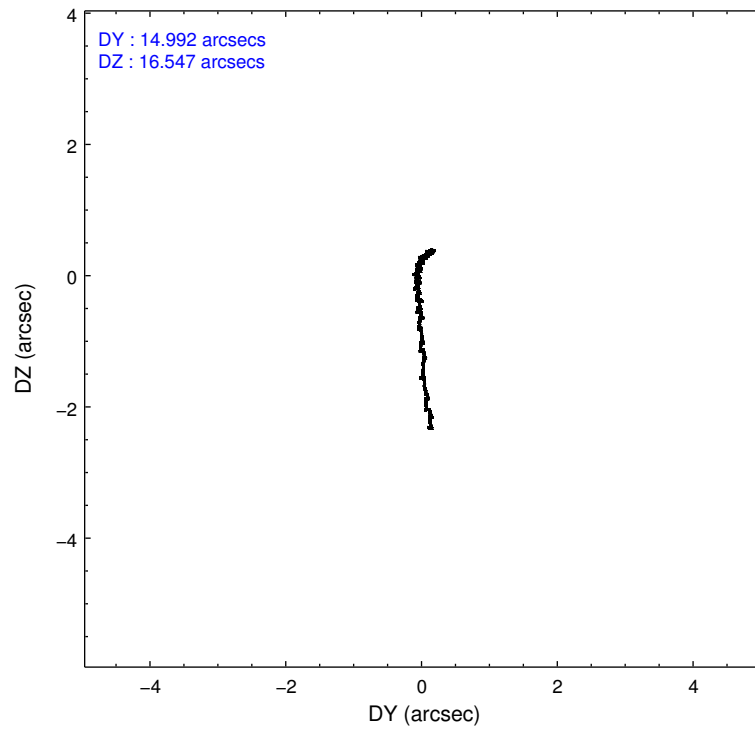
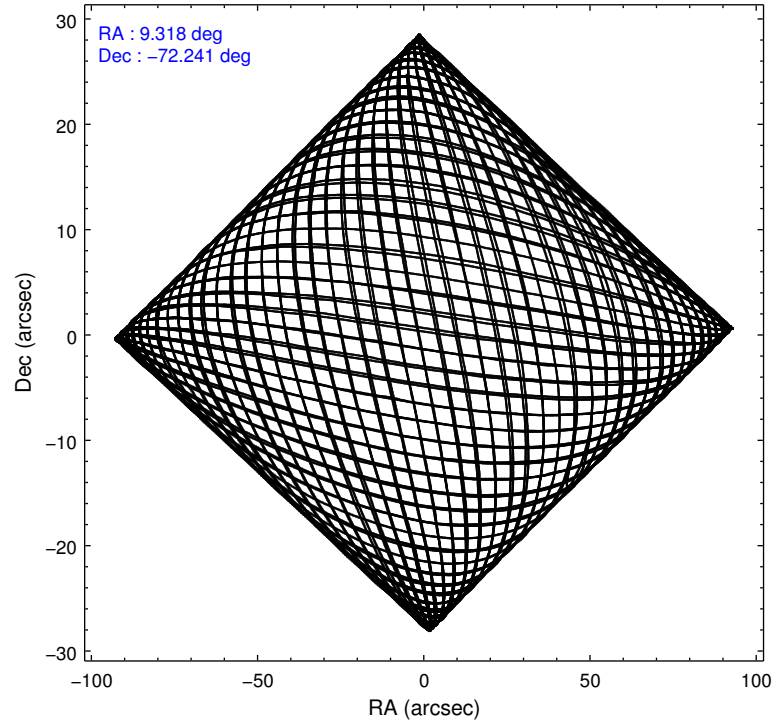
Level 1 Events

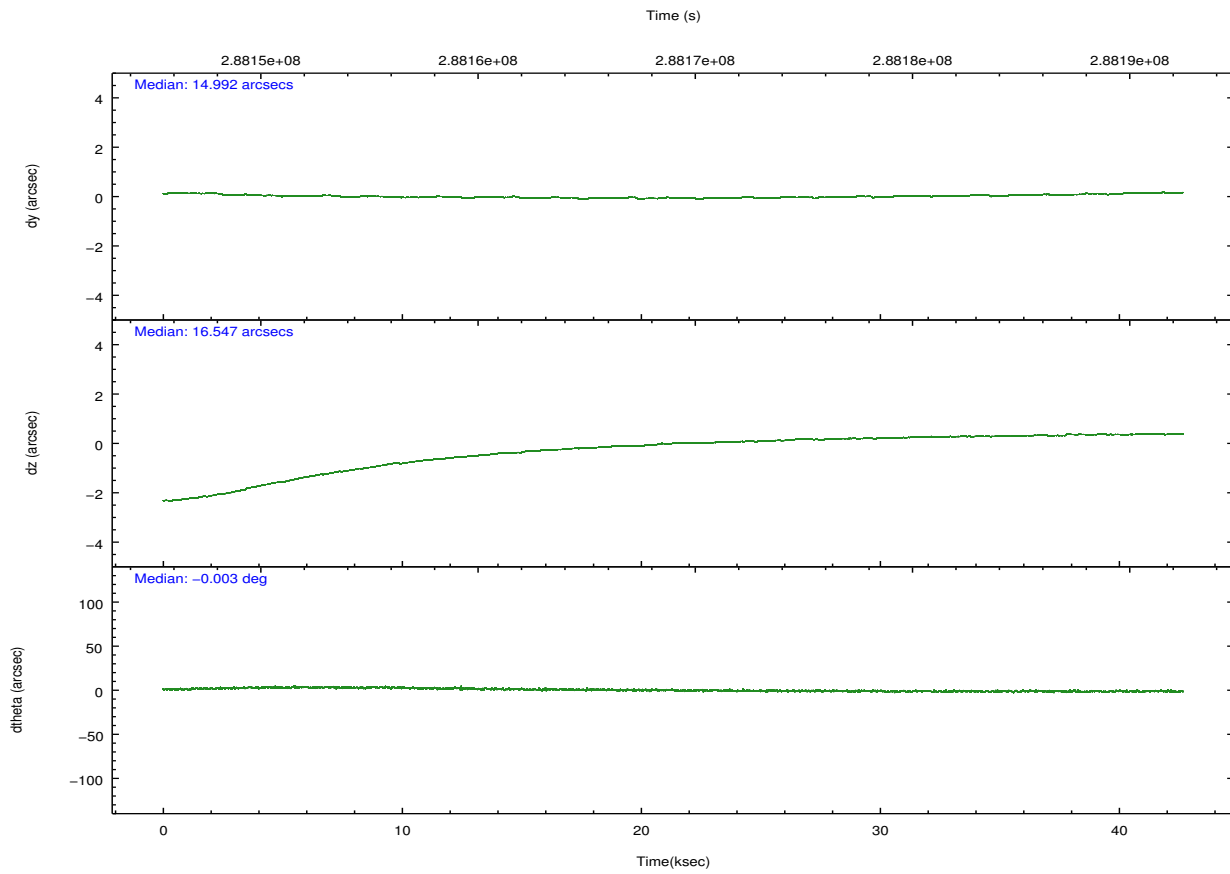
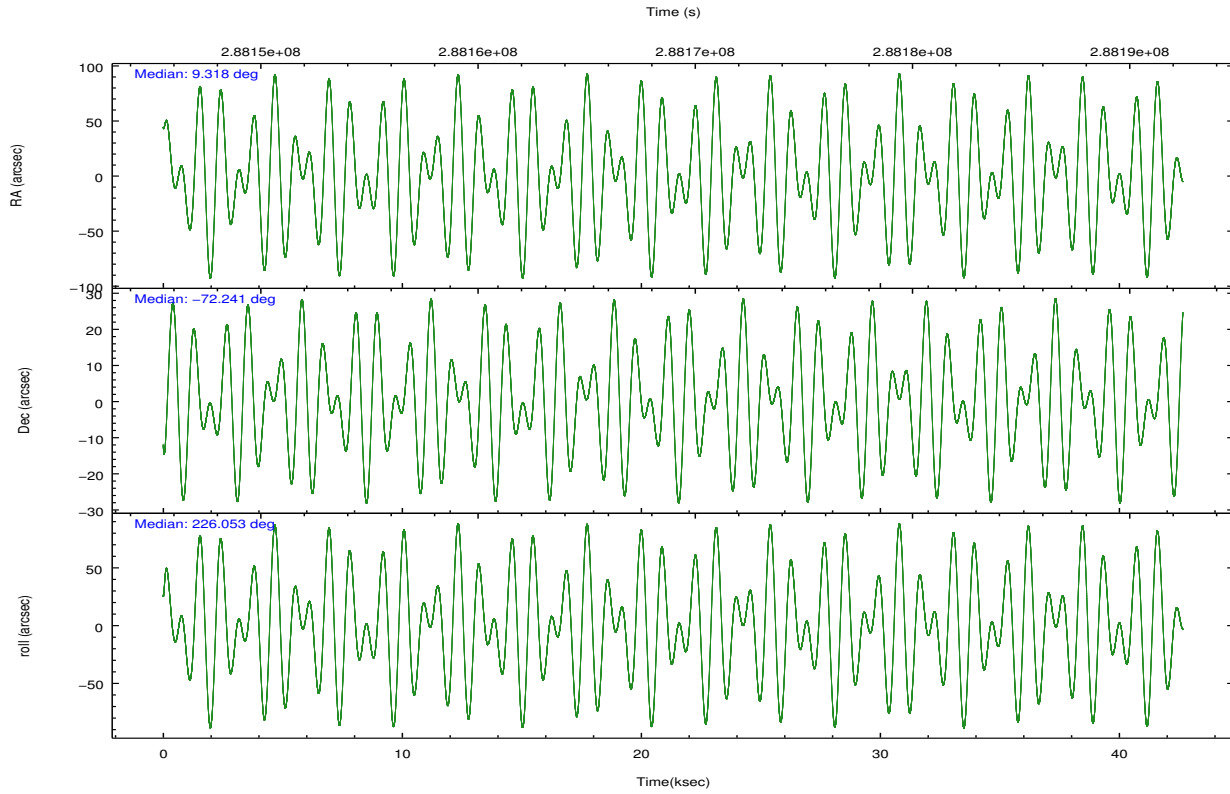
	segment 1	segment 2	segment 3
level 1 events	1427349	1408469	1436741
rejected events	35282	34720	35411
rejected %	2%	2%	2%

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	9.336226	9.318225979510956			
[deg] Pointing Dec	-72.212431	-72.24061152757851			
[deg] Pointing Roll	226.006723	226.0569103245384			
[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)	288147805.184000	288146593.0644			
Observation start date	2007-02-18T01:02:20	2007-02-18T00:43:13			
[s] Observation end time (MET)	288190305.184000	288191221.56652			
Observation end date	2007-02-18T12:50:40	2007-02-18T13:07:01			

2.3 Aspect



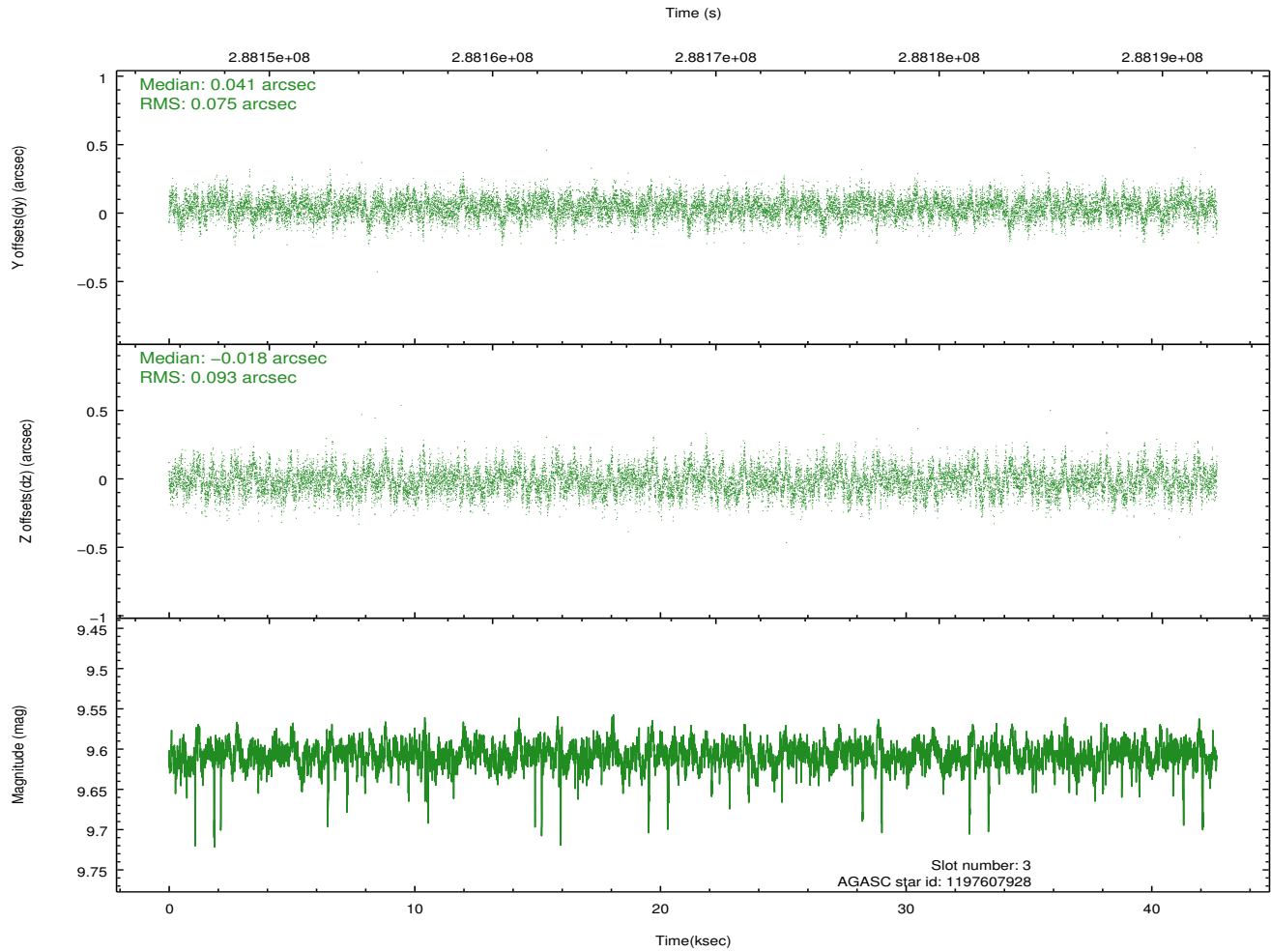
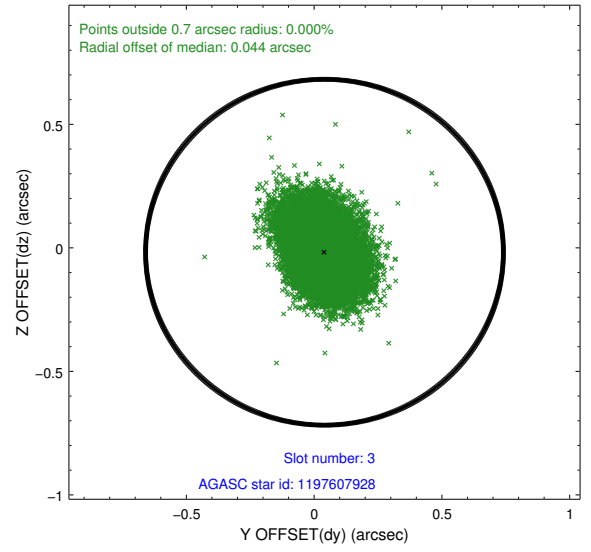
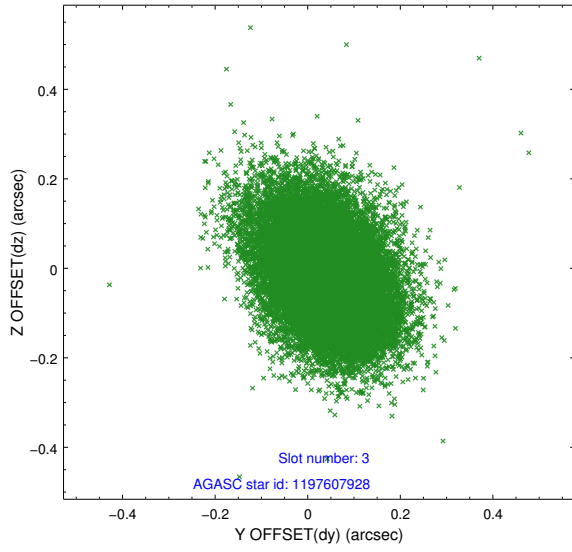


Slot Statistics

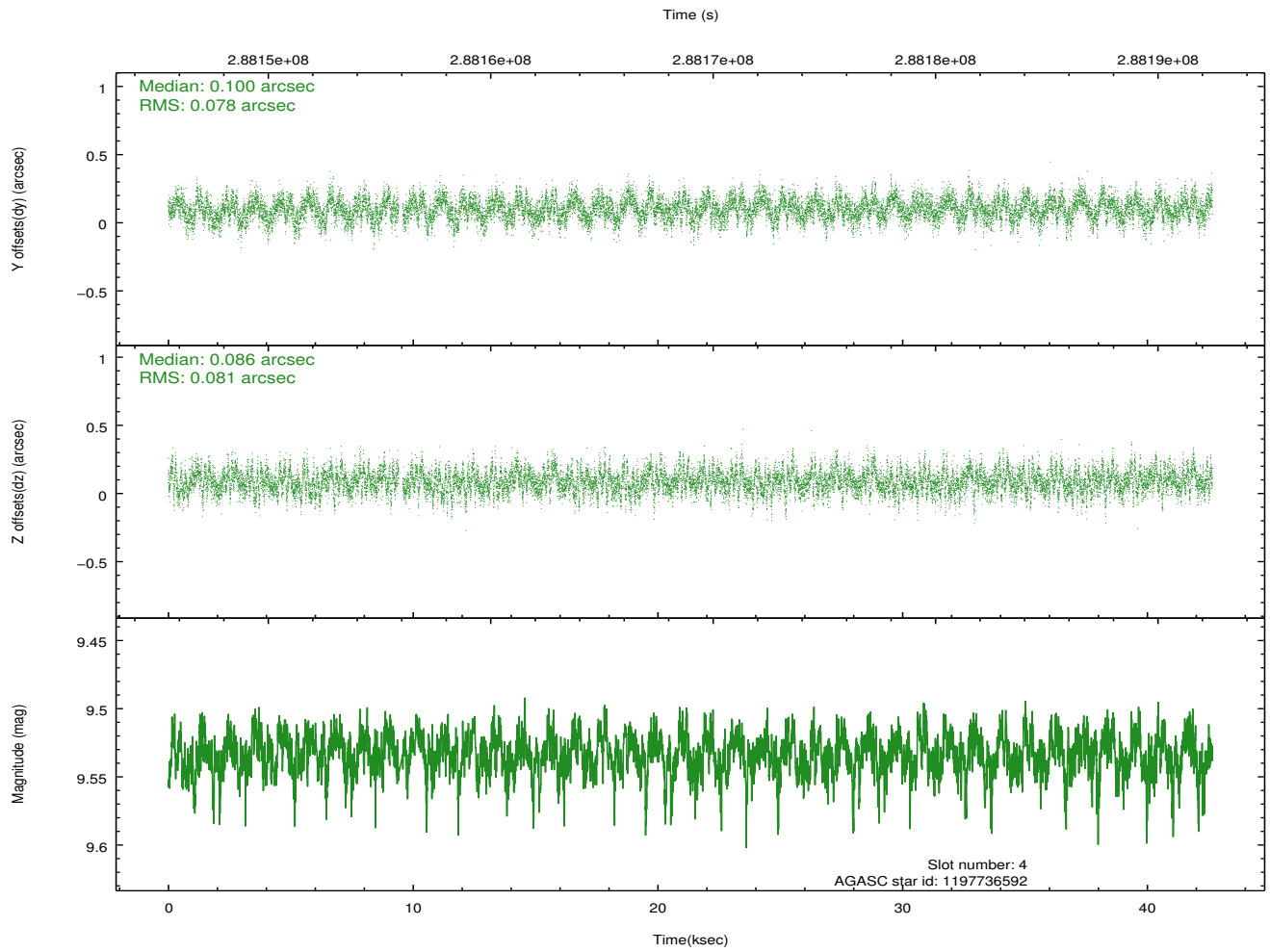
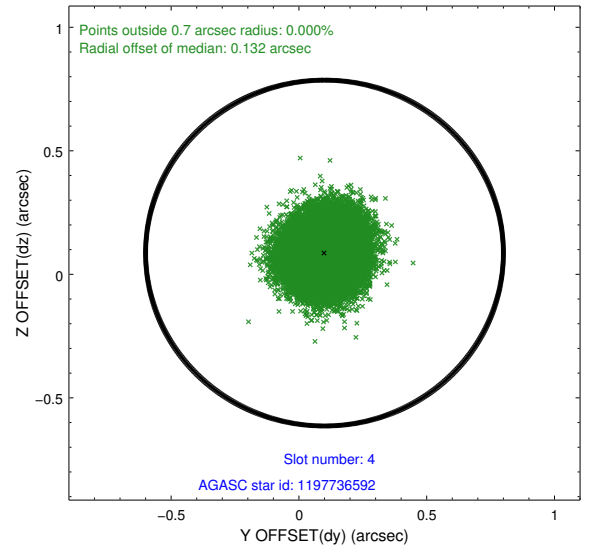
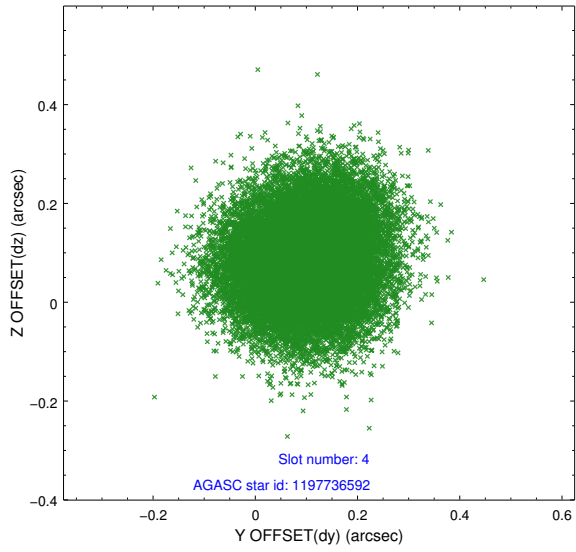
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	10406	0.072	-0.150	0.023	0.063	0.000000	0.000000	-1169.42	-465.09
1	FID	HRC-S-2	6.99	10407	0.181	-0.097	0.007	0.014	0.000000	0.000000	1230.26	-457.72
2	FID	HRC-S-3	7.01	10407	0.139	-0.057	0.025	0.072	0.000000	0.000000	-1171.95	564.52
3	GUIDE	1197607928	9.61	20754	0.041	-0.018	0.126	0.211	7.837743	-72.165759	1041.79	-1290.60
4	GUIDE	1197736592	9.53	20713	0.100	0.086	0.122	0.193	9.930334	-71.623113	-1991.46	-986.17
5	GUIDE	1197739496	9.79	20720	0.097	0.102	0.153	0.245	8.930155	-71.541204	-1415.42	-2010.14
6	GUIDE	1198135560	9.43	20761	-0.006	-0.082	0.112	0.184	8.700395	-72.843436	2105.97	1094.76
7	GUIDE	1198150512	8.38	20806	-0.230	-0.087	0.069	0.112	9.044301	-72.846944	1859.46	1364.41

2.4 Star Slots

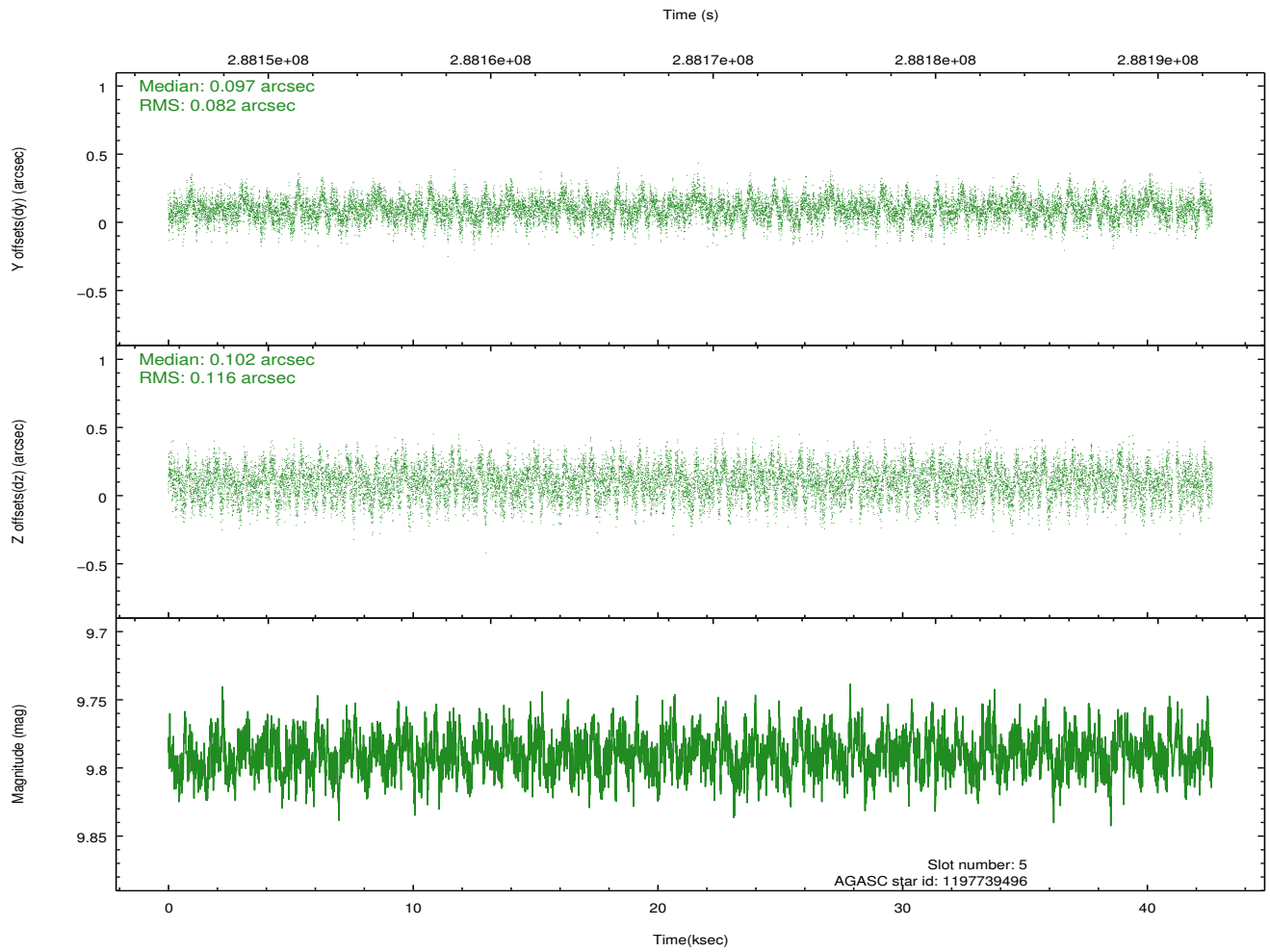
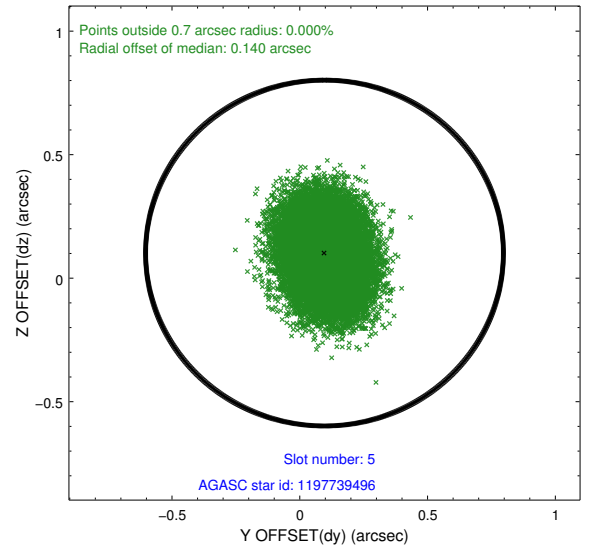
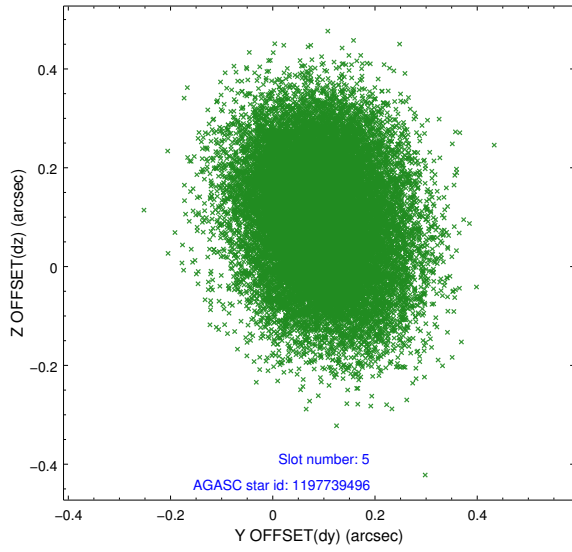
2.4.1 Slot 3



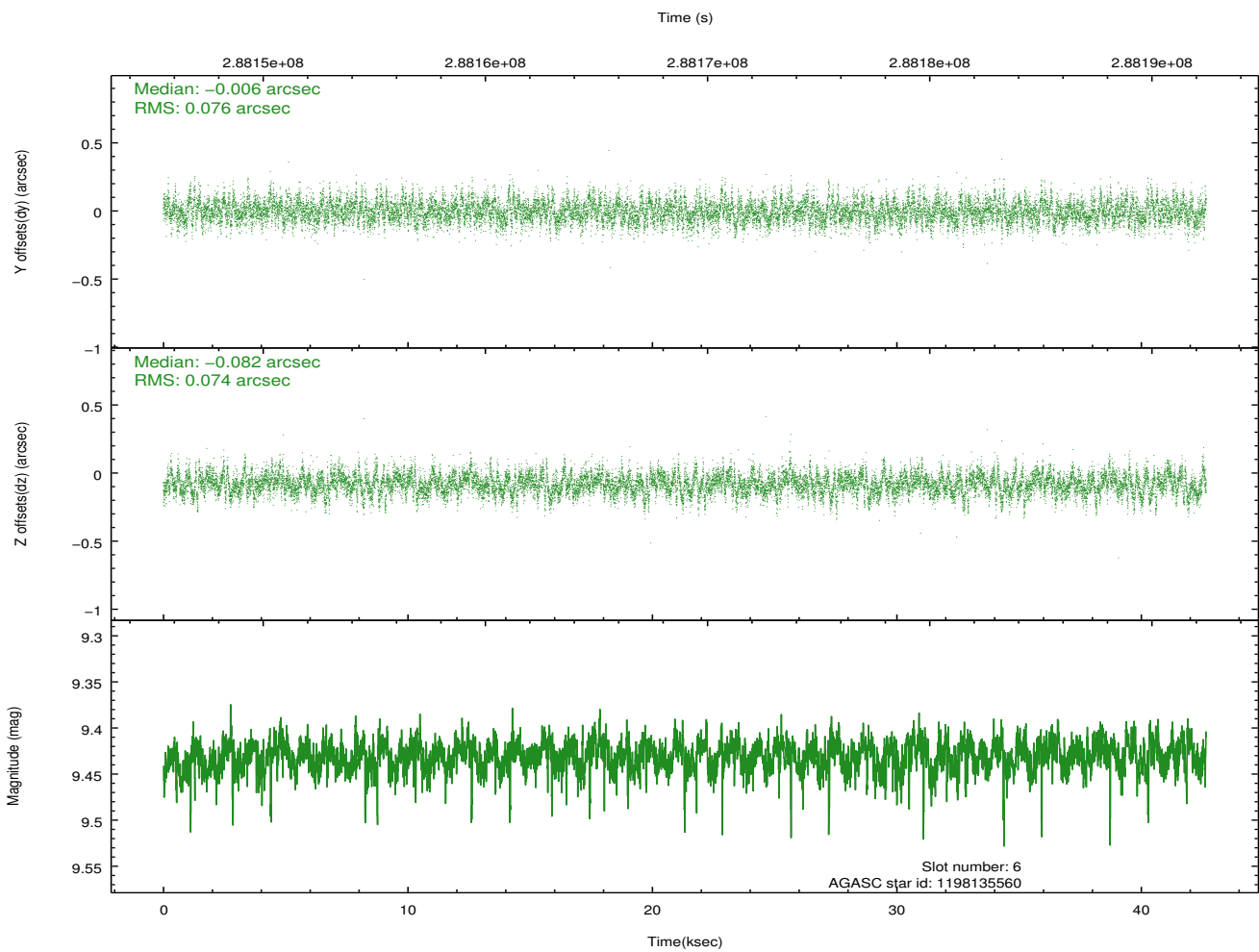
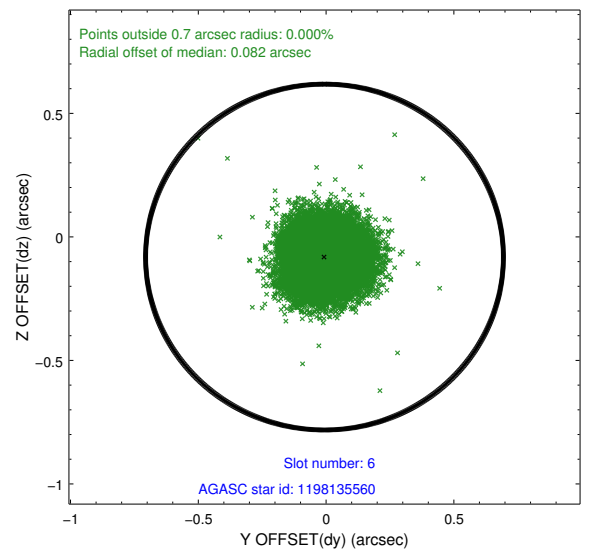
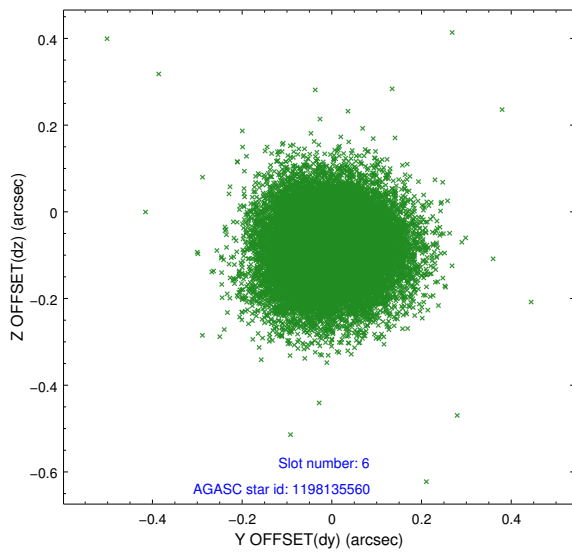
2.4.2 Slot 4



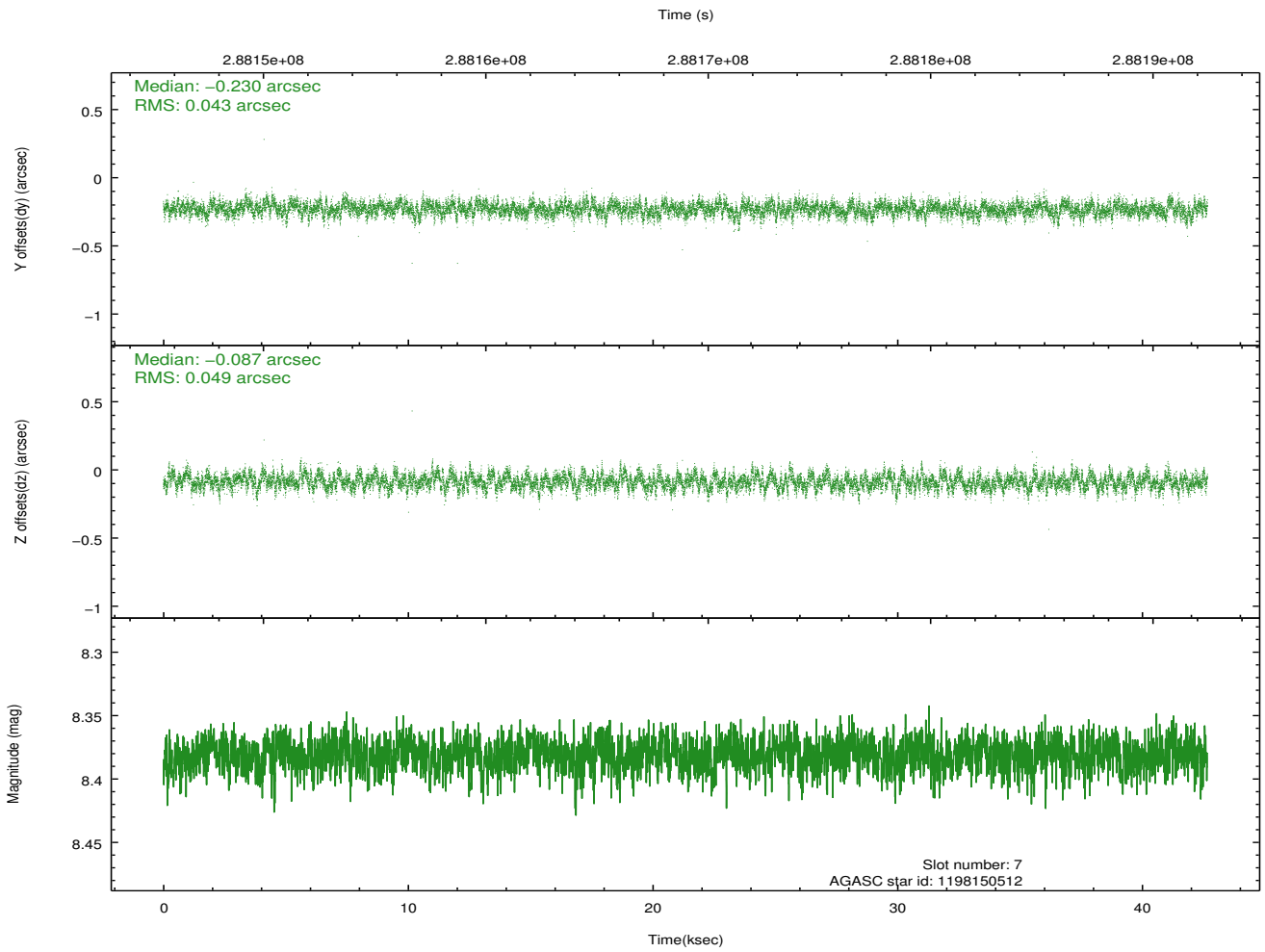
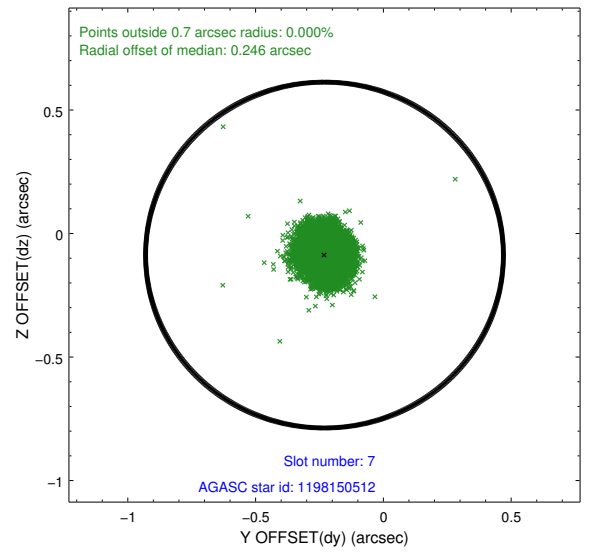
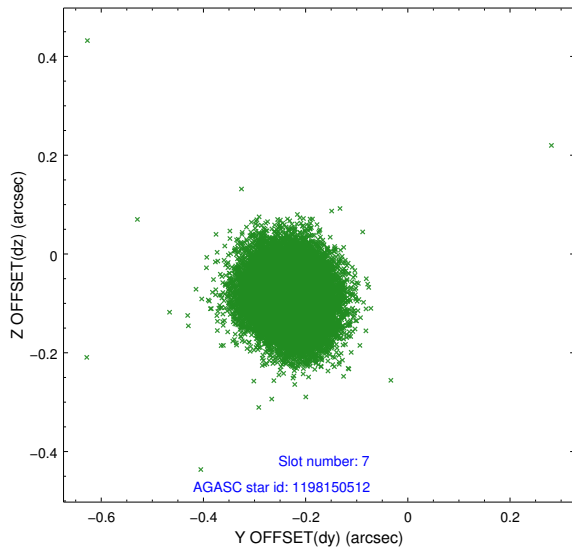
2.4.3 Slot 5



2.4.4 Slot 6

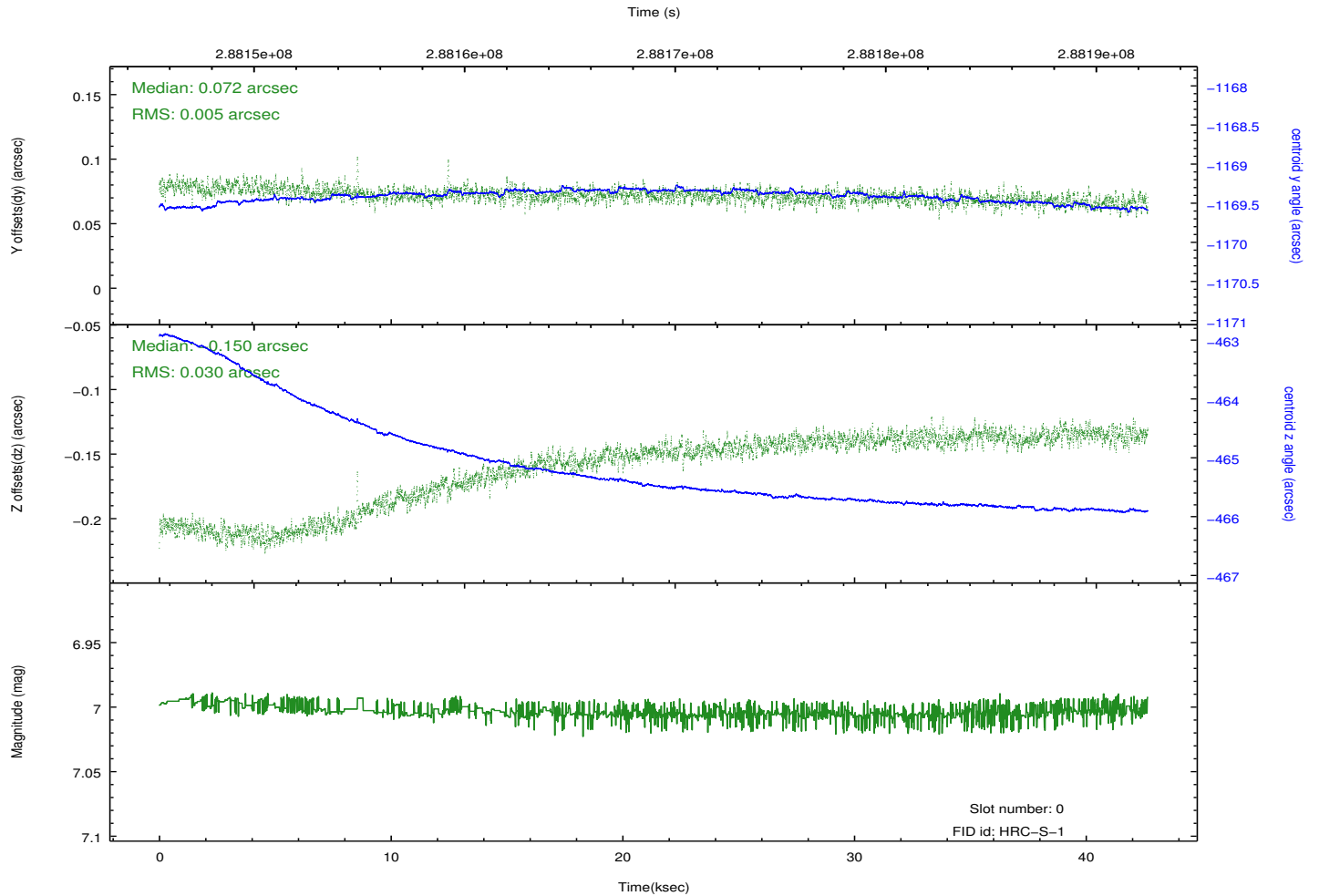
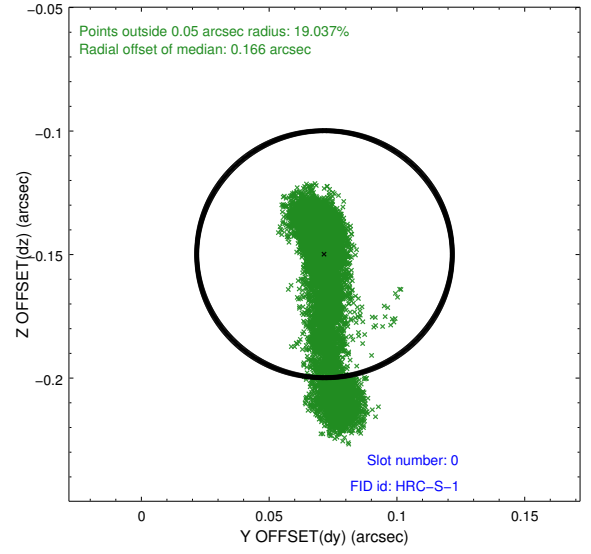
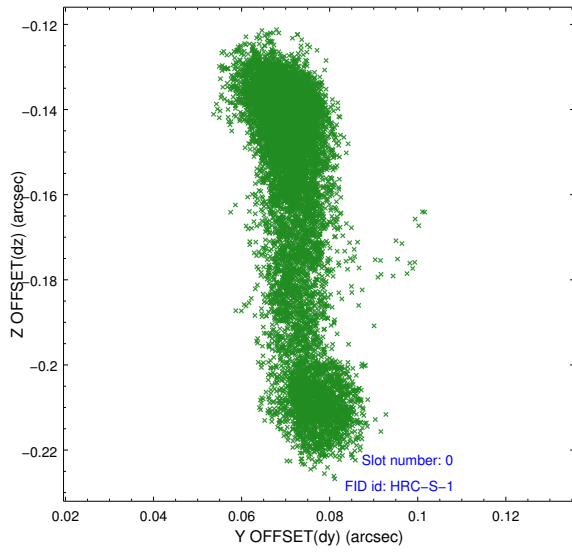


2.4.5 Slot 7

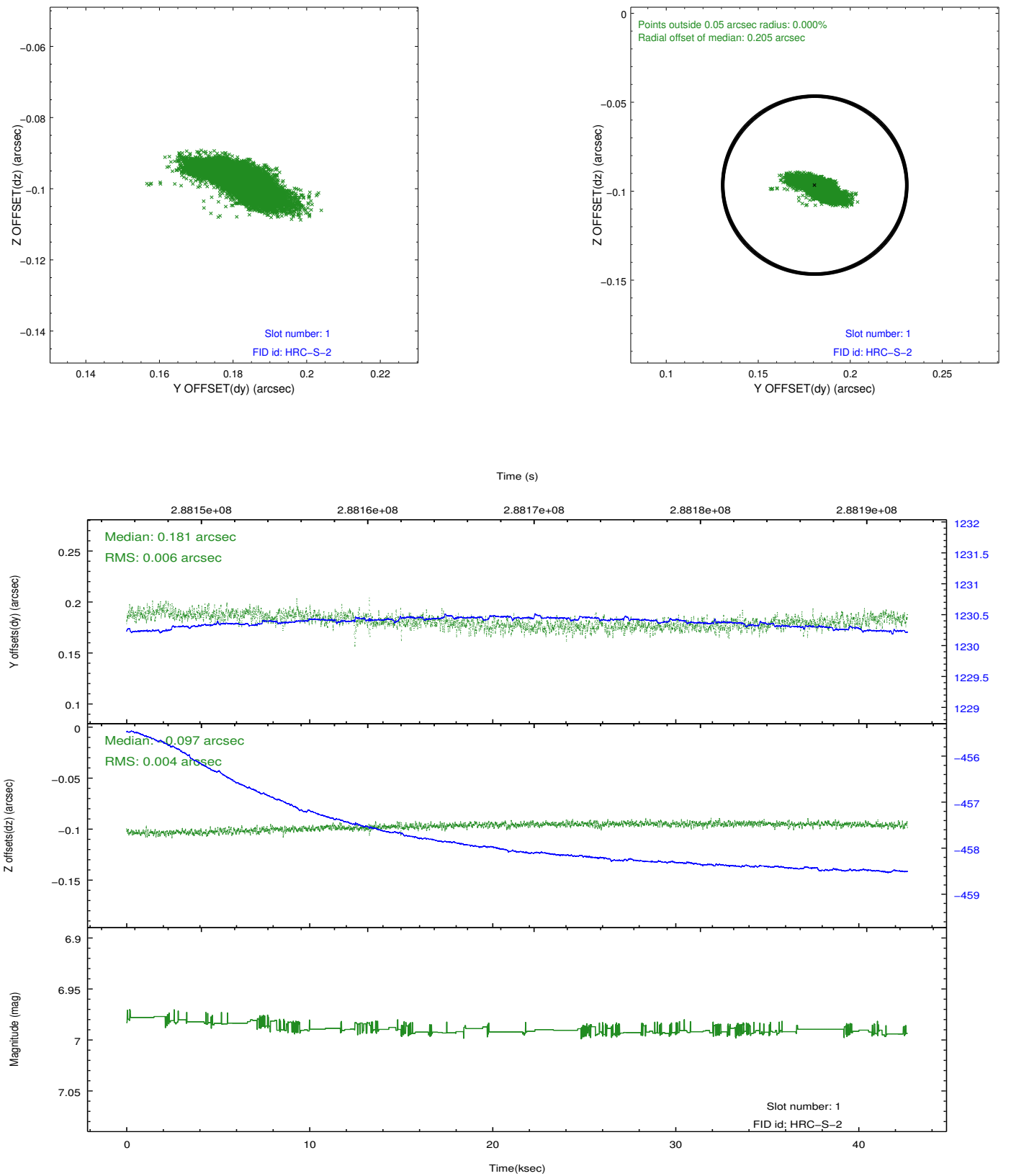


2.5 FID Slots

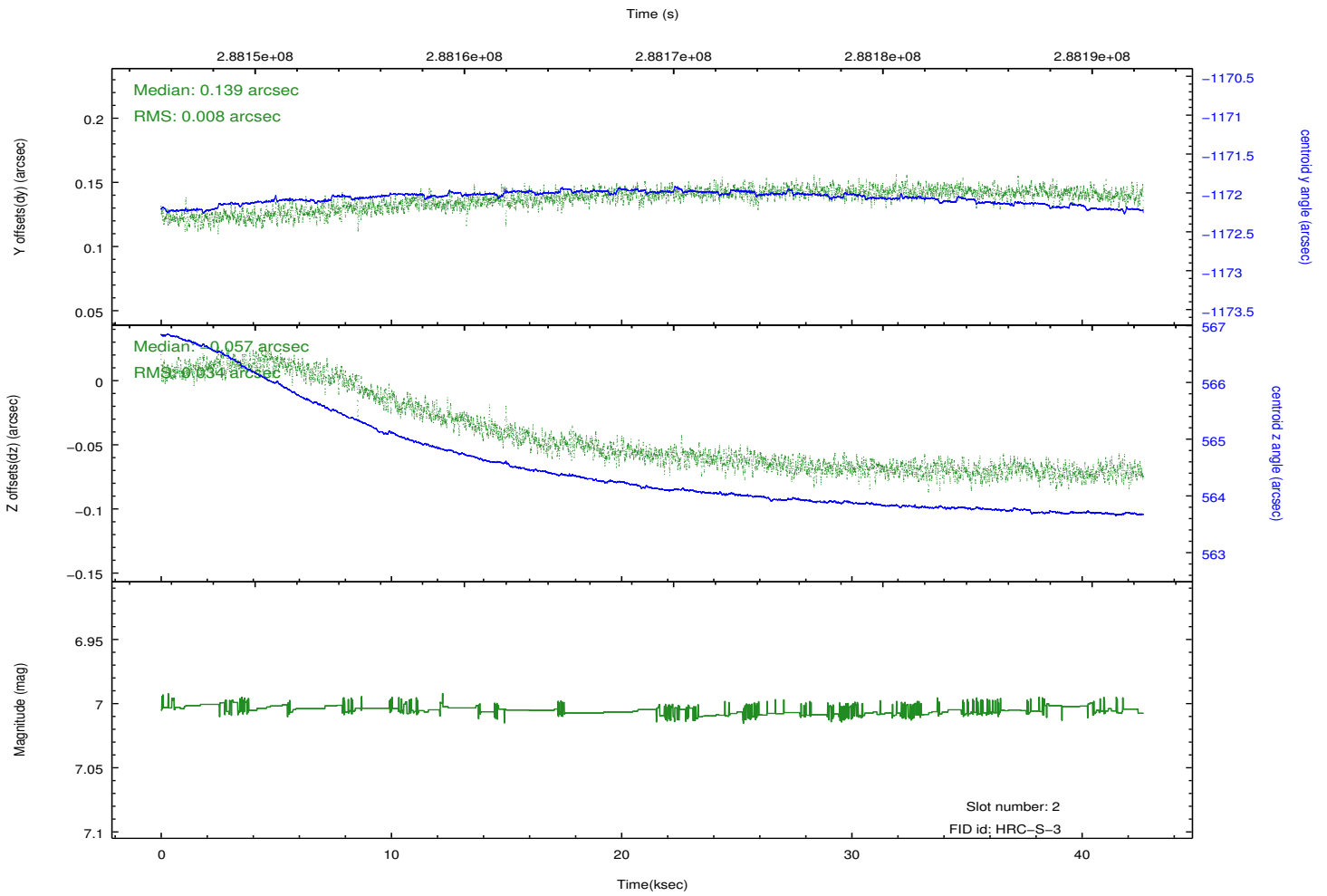
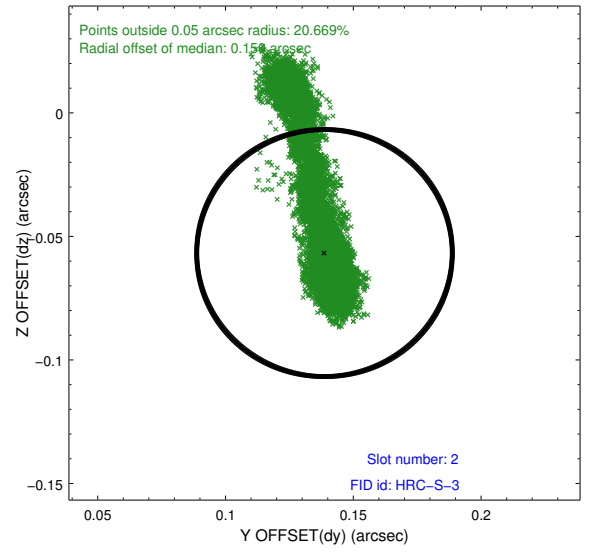
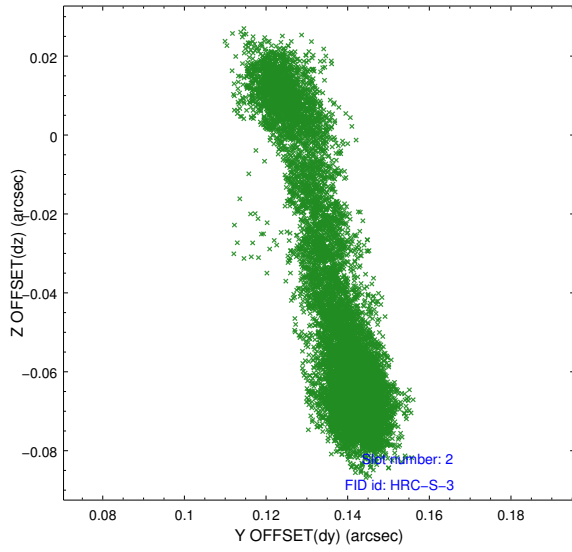
2.5.1 Slot 0



2.5.2 Slot 1

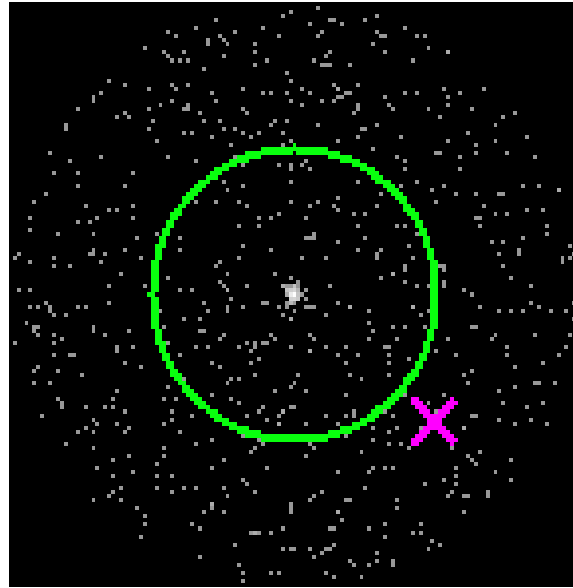


2.5.3 Slot 2

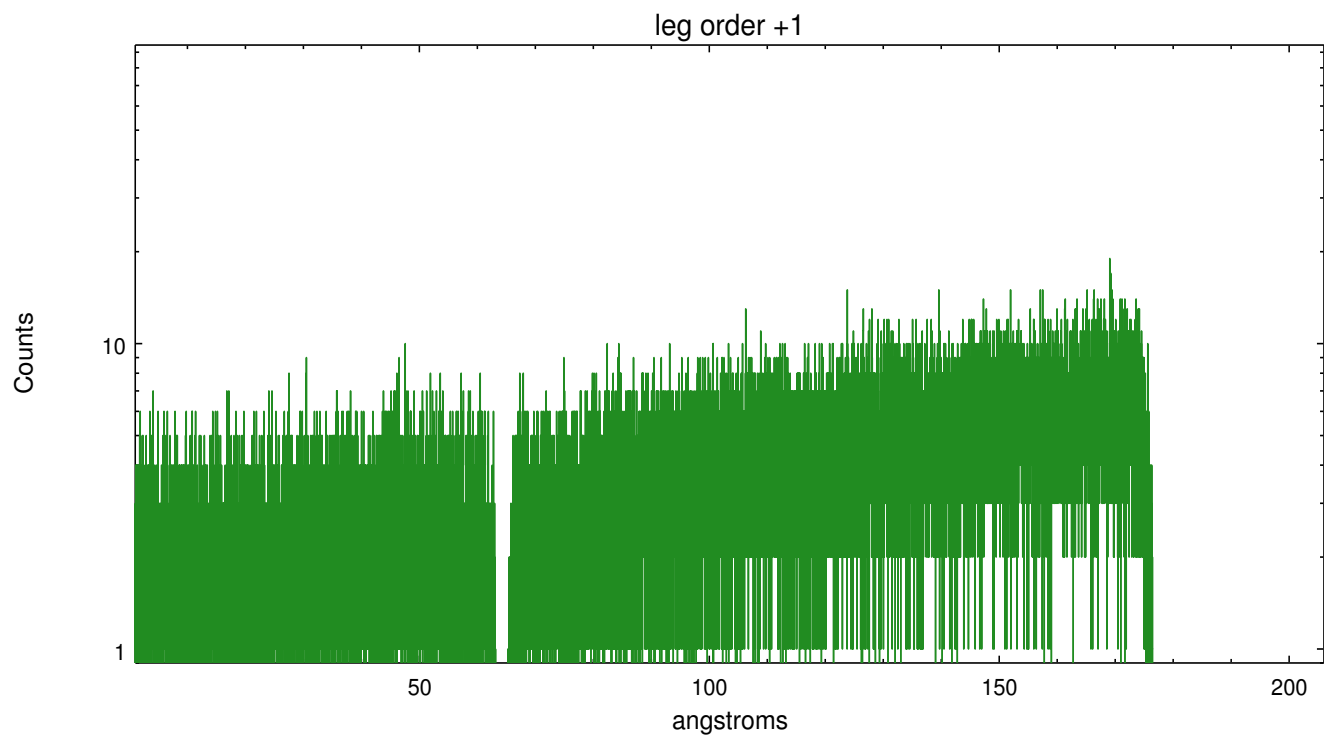
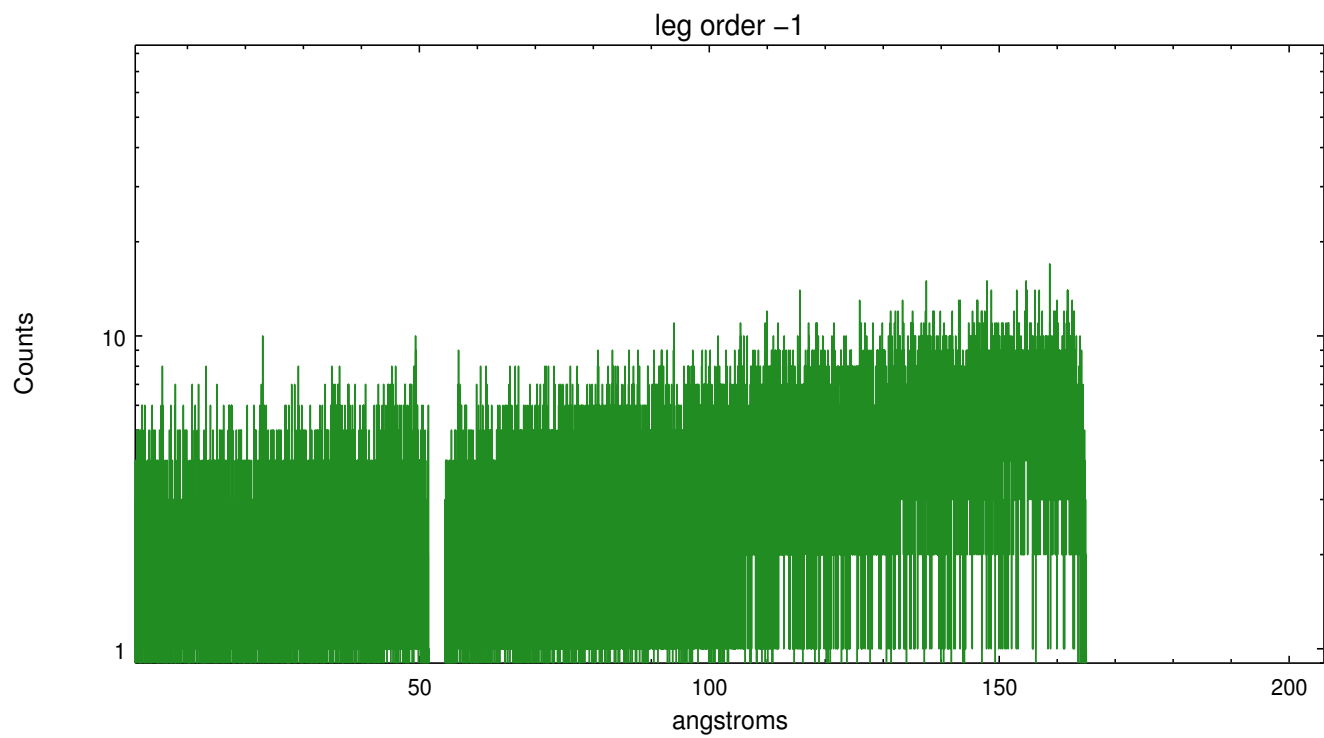


3 Gratings

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	42.665627

A.2 Comments