

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3511 - L2 Version 001
Chandra X-Ray Center

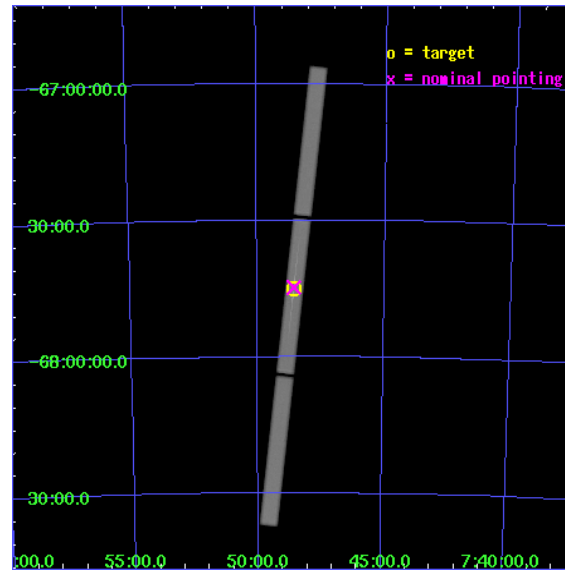
L2 Processing Date : Jul 1 2006

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1 Front

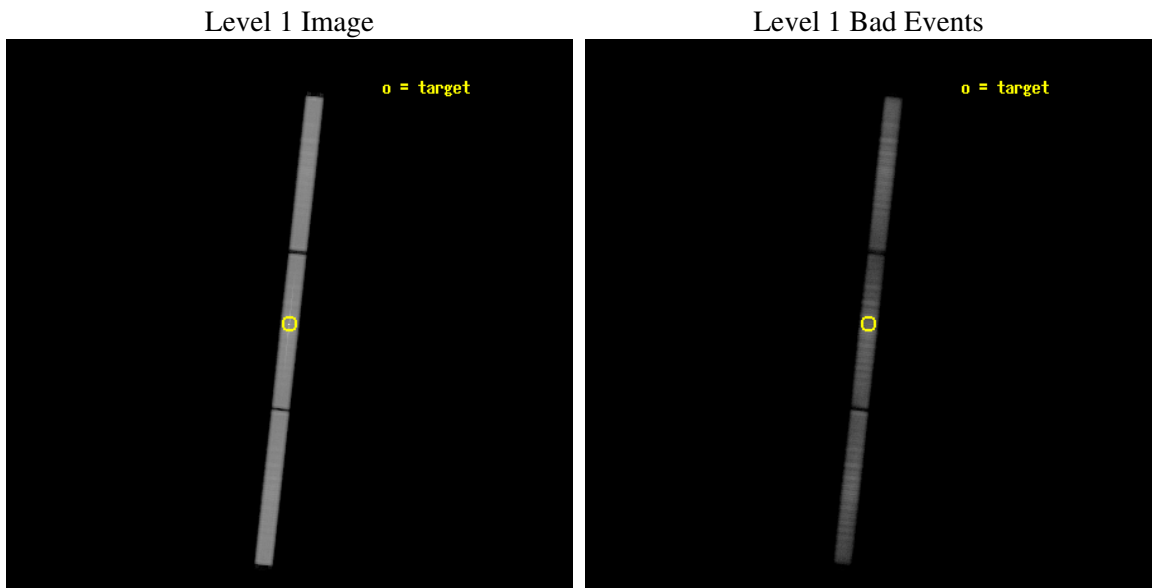
seq_num	400264
obs_id	3511
title	SOFT X-RAY EMISSION FROM X-RAY BINARIES
observer	Dr Mariano Mendez
object	EXO 0748-676
ra_targ	117.13875
dec_targ	-67.75
ra_nom	117.13776633926
dec_nom	-67.745370051684
roll_nom	96.260495352963
revision	2
ontime	39982.432969421
livetime	39745.671072754
l2events	1759301



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-01T22:43:33
revision	2

sched_exp_time	40000.000000
ontime	40072.376723289
l1events	2623813

2.1.3 Events

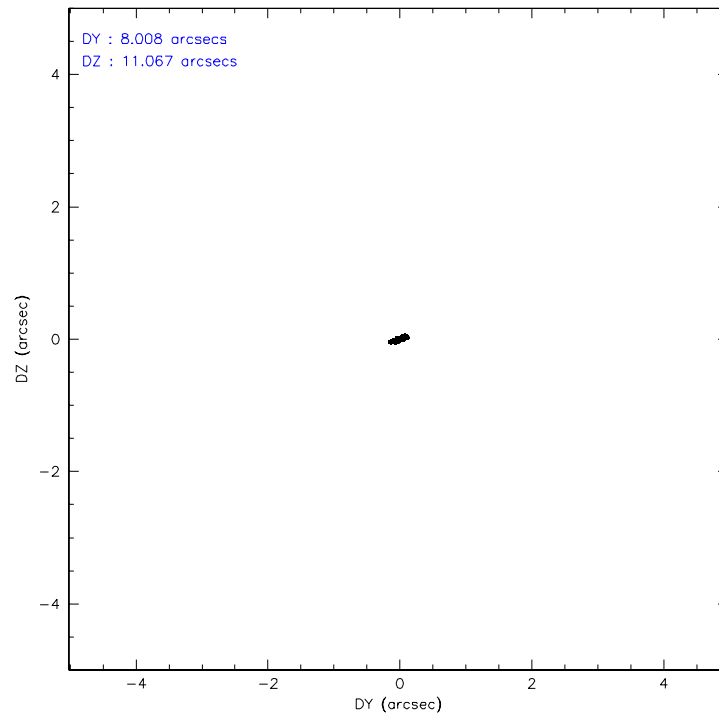
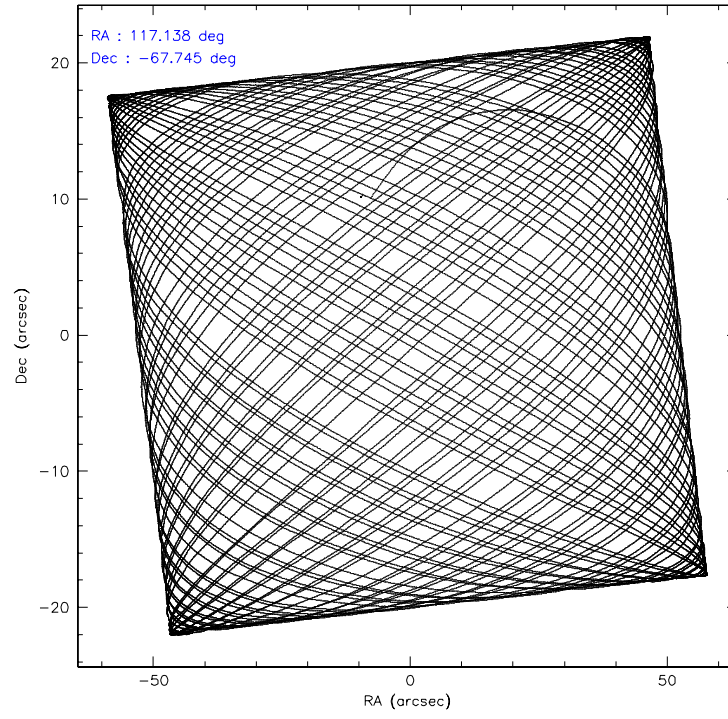
Level 1 Events

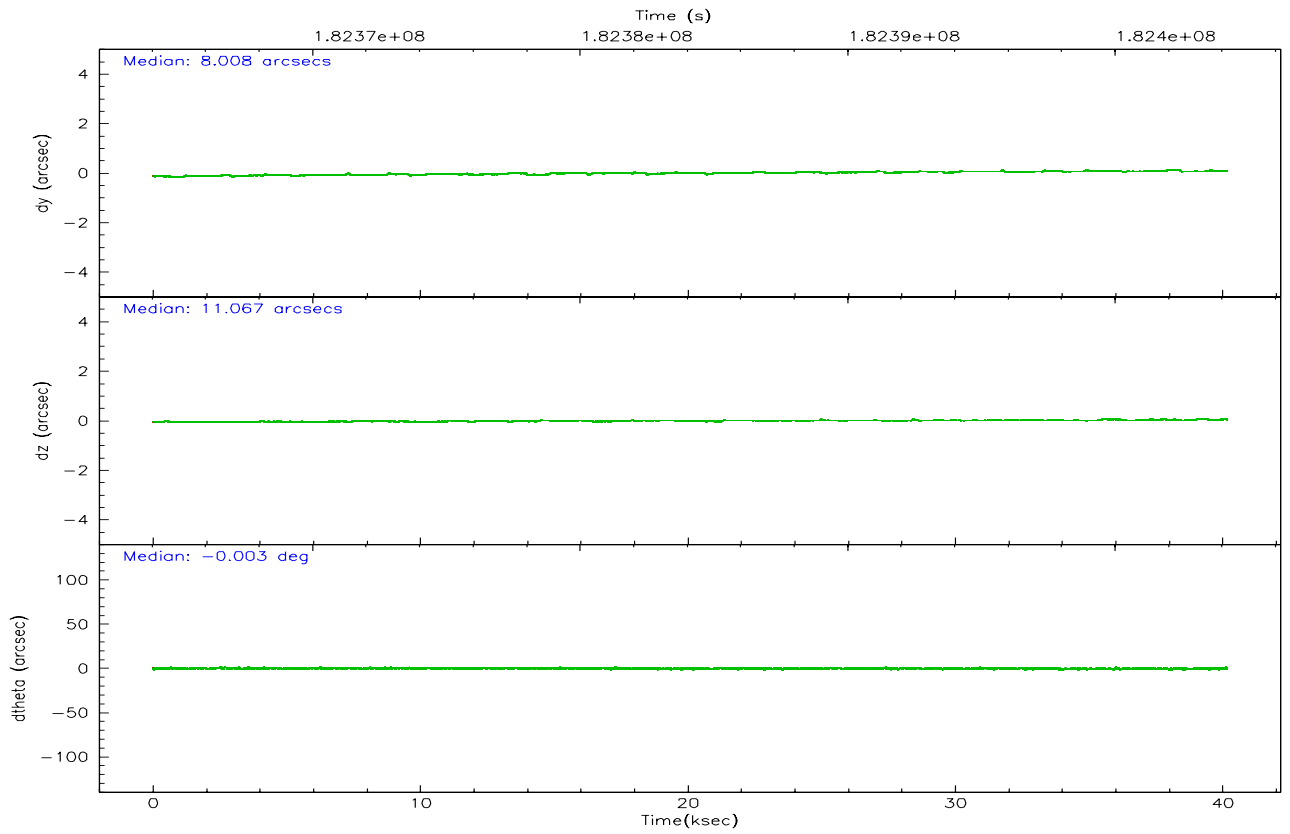
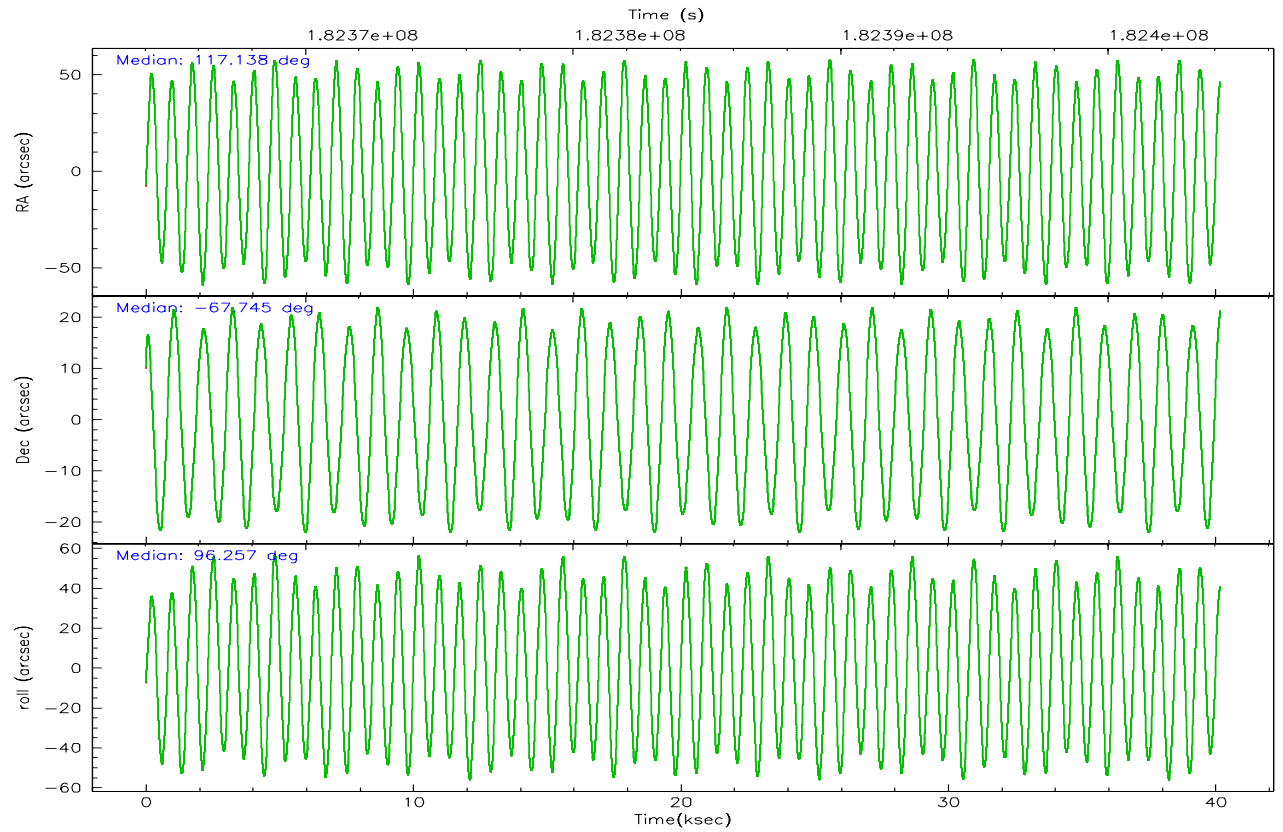
	segment 1	segment 2	segment 3
level 1 events	870376	881097	872340
rejected events	185080	202292	226016
rejected %	21%	22%	25%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	117.185425	117.1377663392587			
Pointing Dec	-67.767517	-67.74537005168405			
Pointing Roll	96.237268	96.26049535296343			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	182364193.184000	182363100.68501			
Observation start date	2003-10-12T16:42:09	2003-10-12T16:25:00			
Observation end time	182404193.184000	182404715.6868			
Observation end date	2003-10-13T03:48:49	2003-10-13T03:58:35			

2.3 Aspect



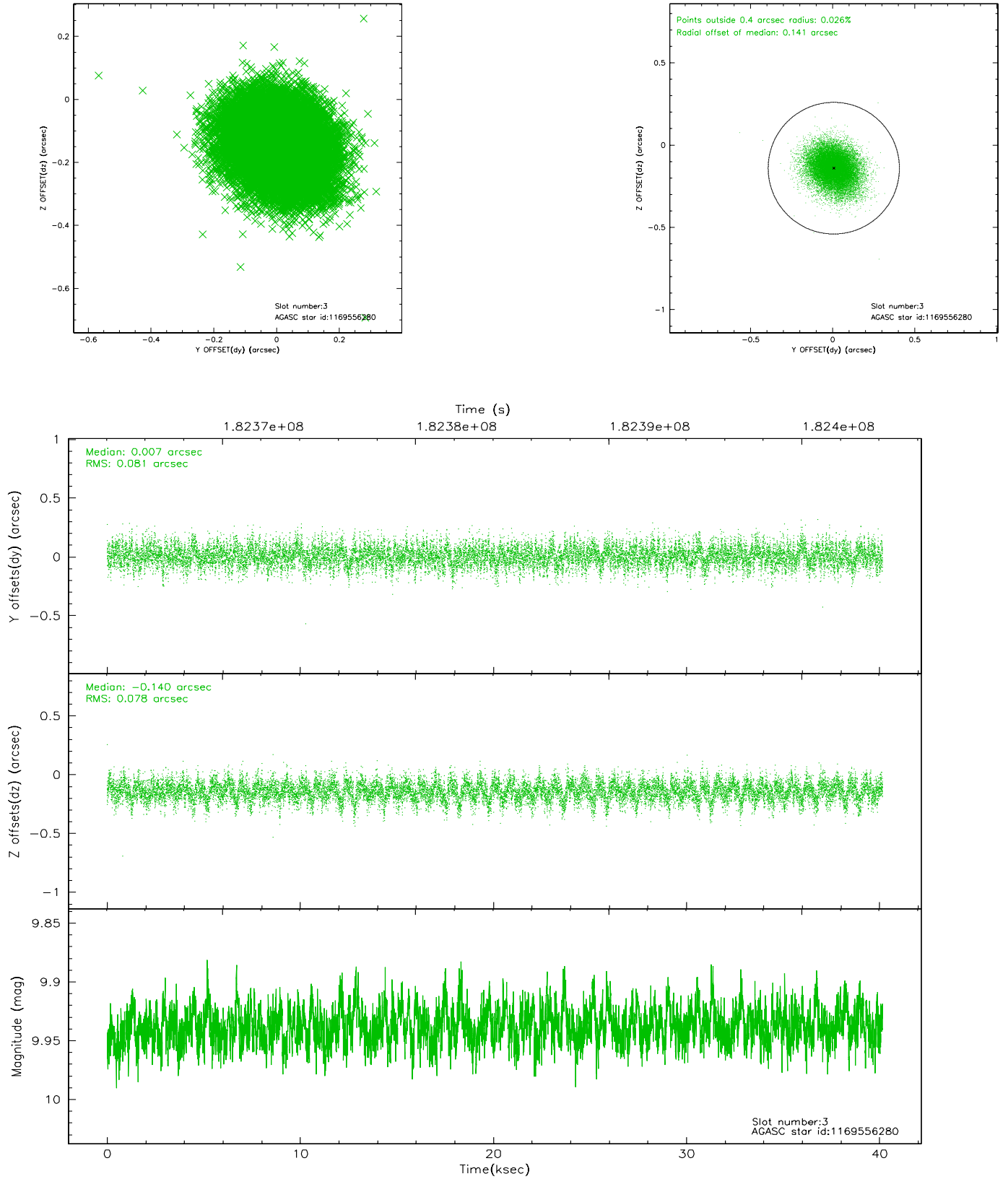


Slot Statistics

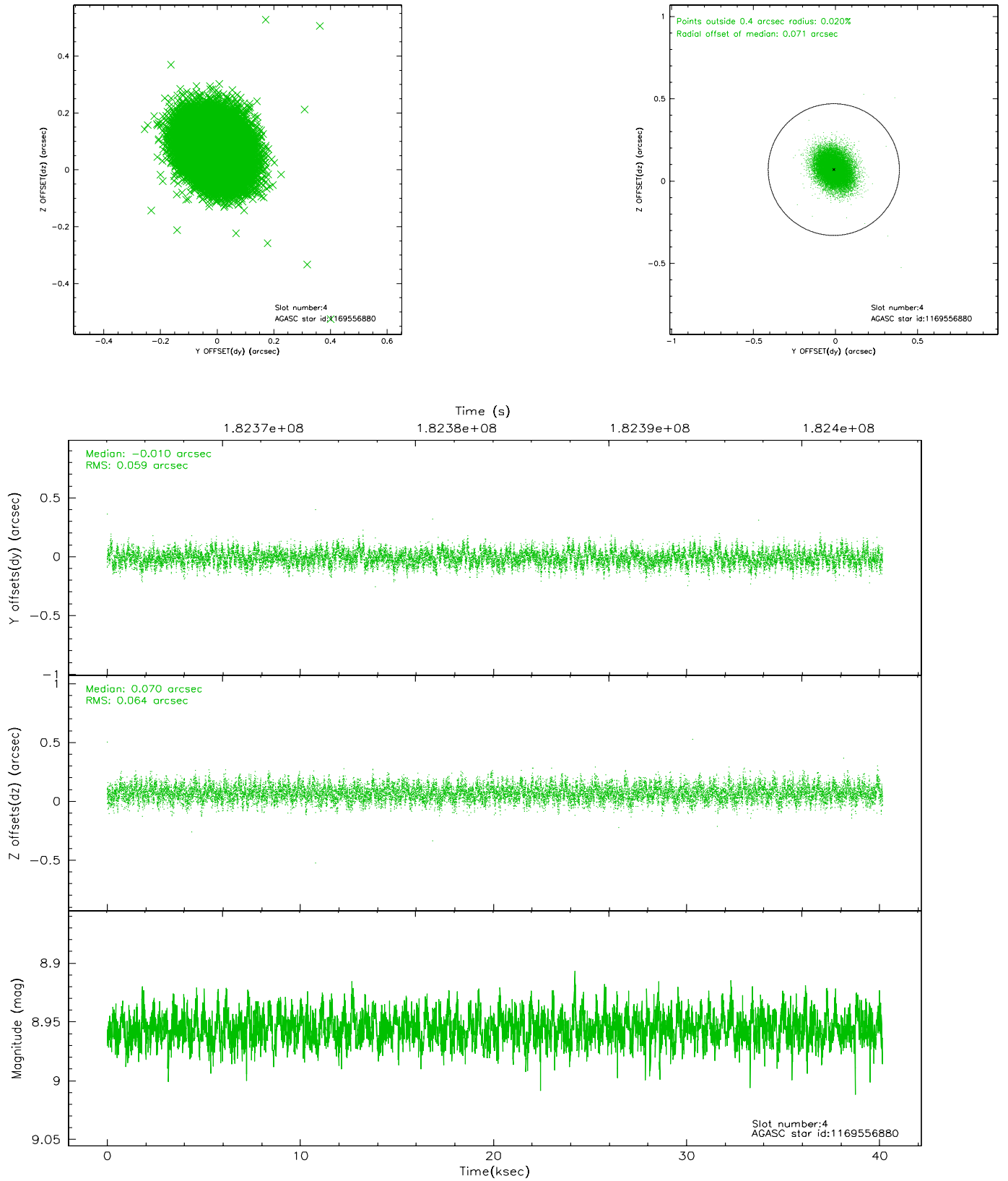
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	9795	0.148	-0.157	0.007	0.011	0.000000	0.000000	-1162.17	-459.77
1	FID	HRC-S-2	6.98	9797	0.128	-0.107	0.005	0.009	0.000000	0.000000	1237.38	-452.43
2	FID	HRC-S-3	7.00	9797	0.115	-0.038	0.007	0.011	0.000000	0.000000	-1164.78	569.84
3	GUIDE	1169556280	9.94	19572	0.007	-0.140	0.119	0.197	116.863935	-67.303617	1708.11	262.97
4	GUIDE	1169556880	8.96	19582	-0.010	0.070	0.093	0.148	118.476472	-67.455164	906.47	-1891.10
5	GUIDE	1203245384	8.54	19592	-0.009	-0.032	0.059	0.097	117.096059	-68.354351	-2086.81	347.57
6	GUIDE	1203258824	9.89	19576	-0.041	0.158	0.126	0.213	118.613315	-67.511932	679.01	-2051.32
7	GUIDE	1203248984	9.70	19580	0.051	-0.051	0.100	0.179	117.212023	-68.341440	-2057.18	189.18

2.4 Star Slots

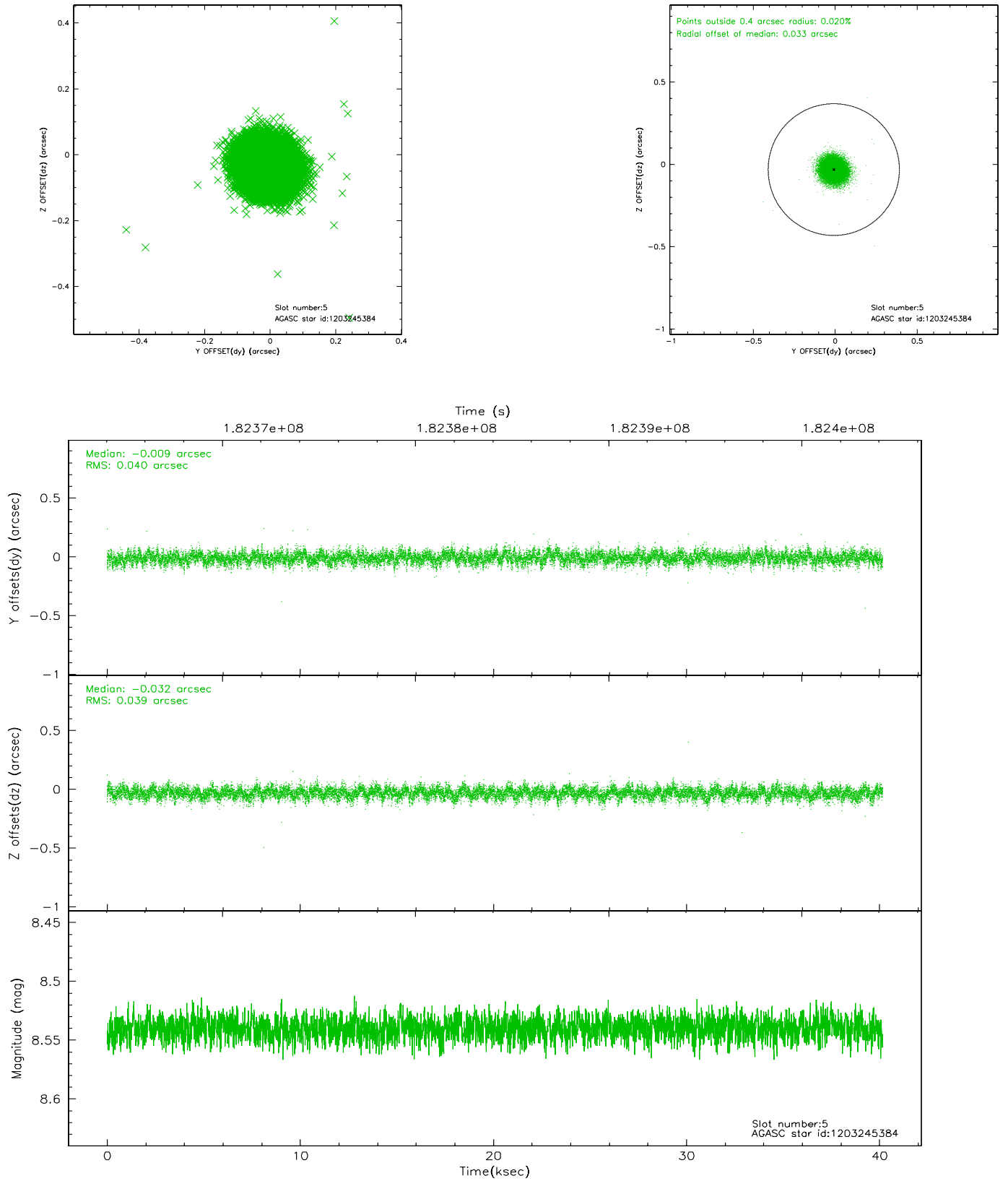
2.4.1 Slot 3



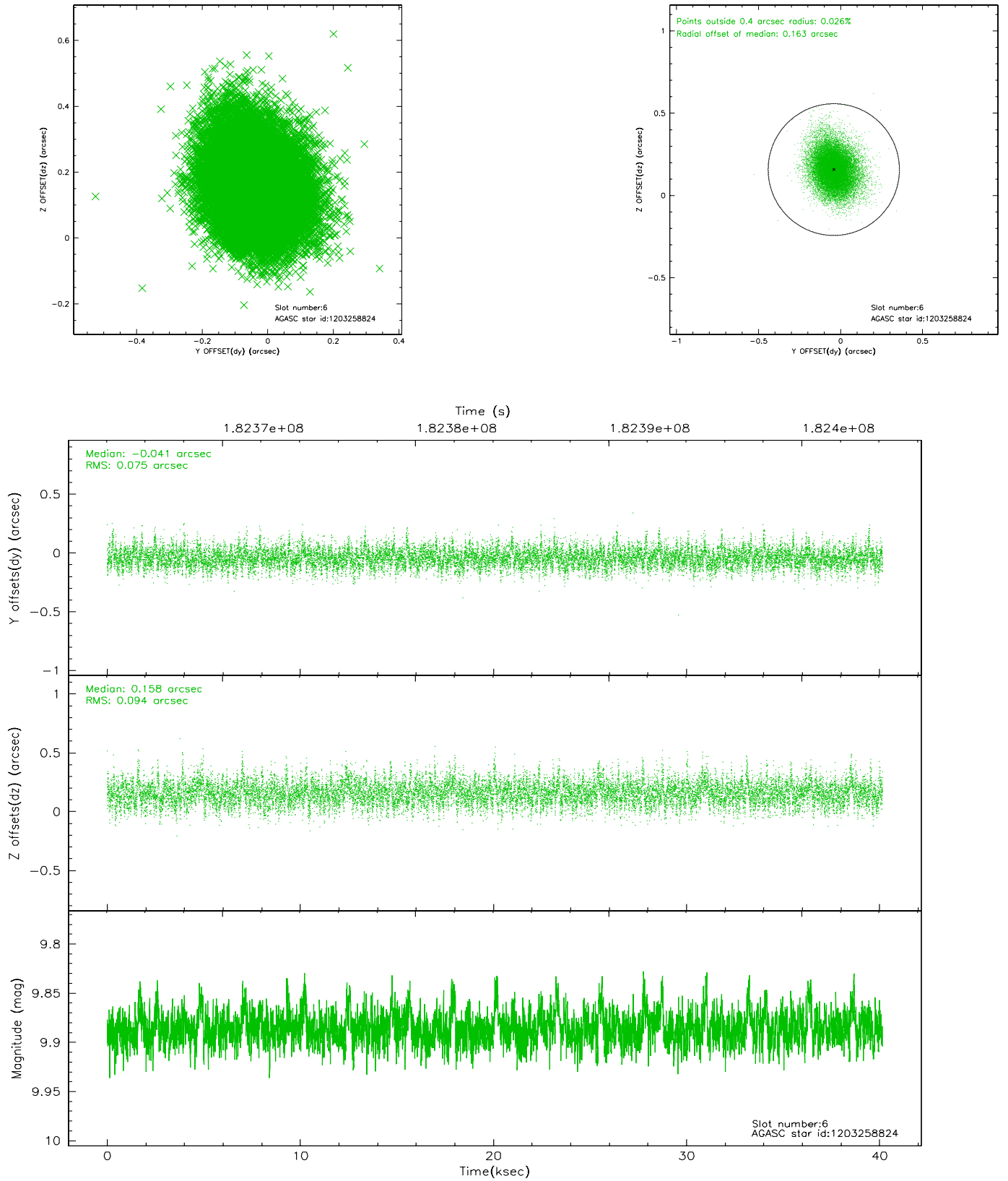
2.4.2 Slot 4



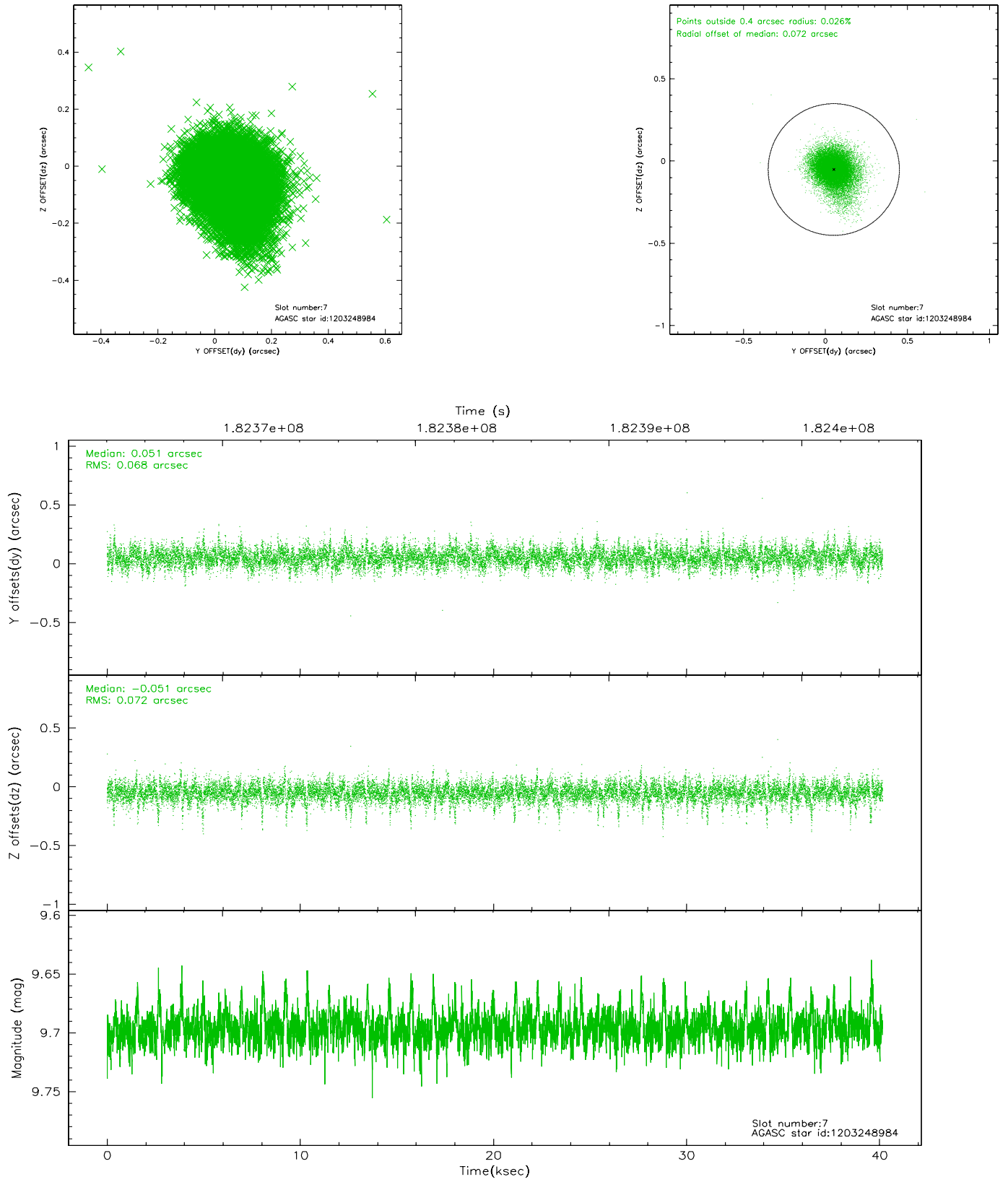
2.4.3 Slot 5



2.4.4 Slot 6

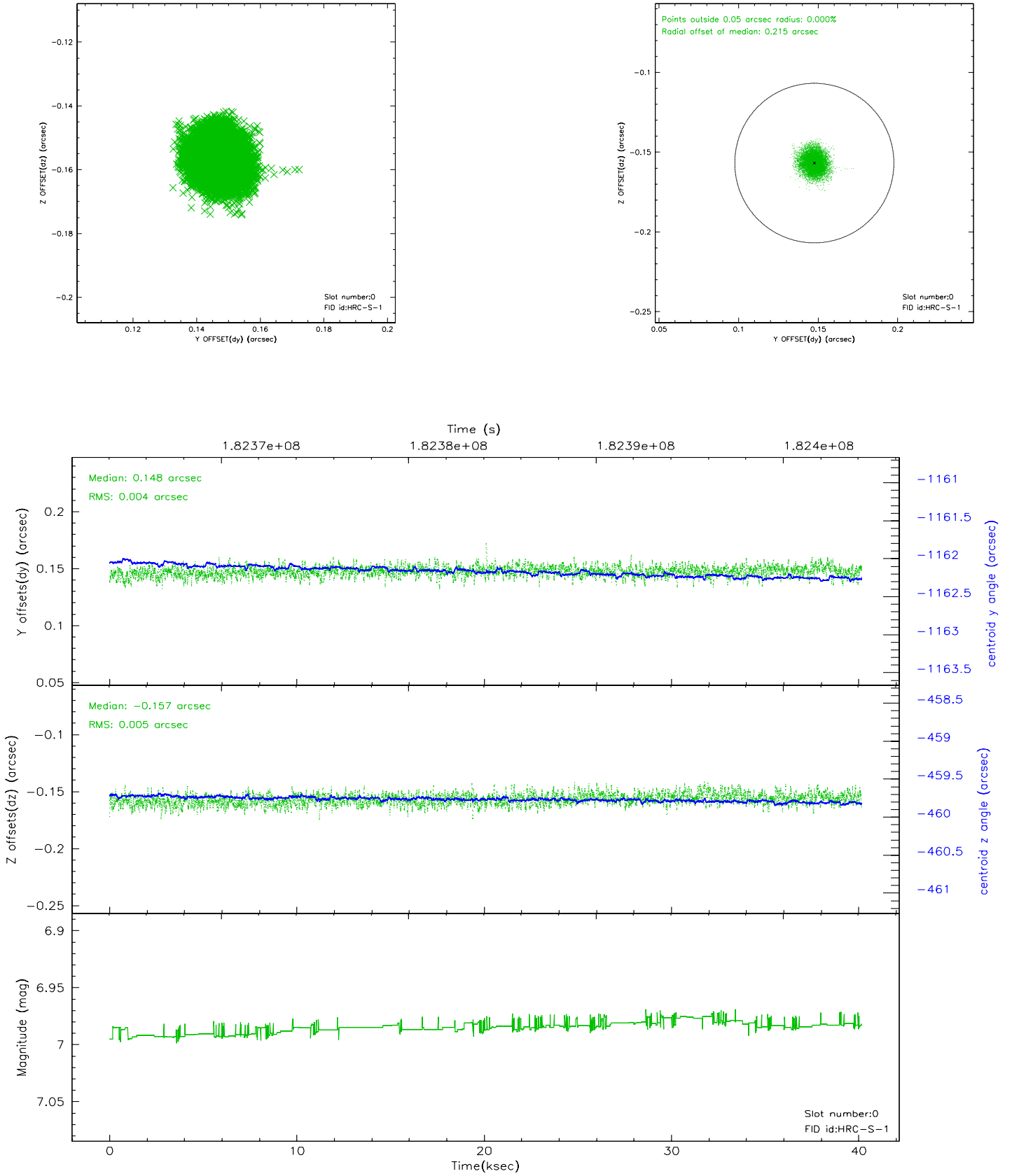


2.4.5 Slot 7

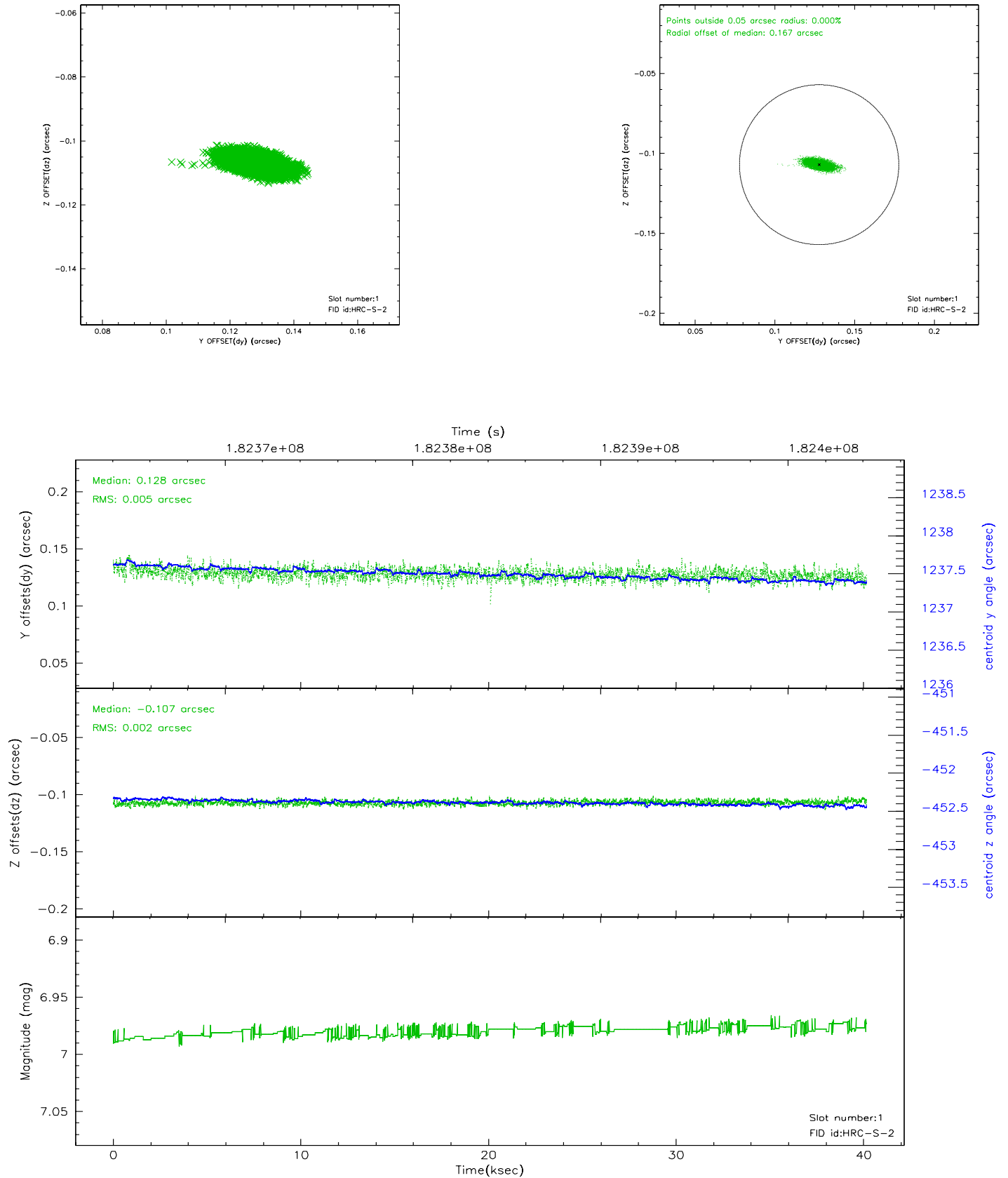


2.5 FID Slots

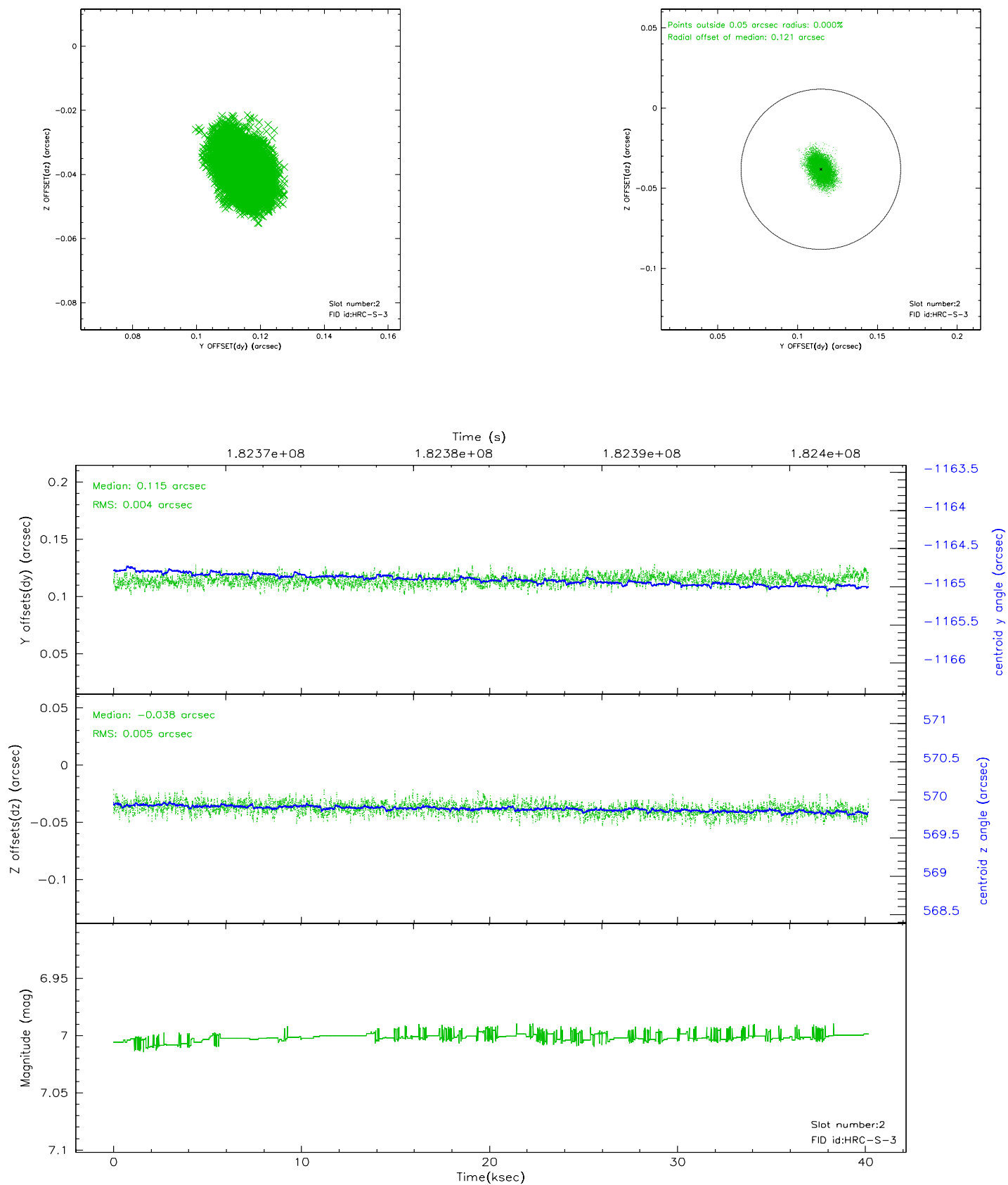
2.5.1 Slot 0



2.5.2 Slot 1

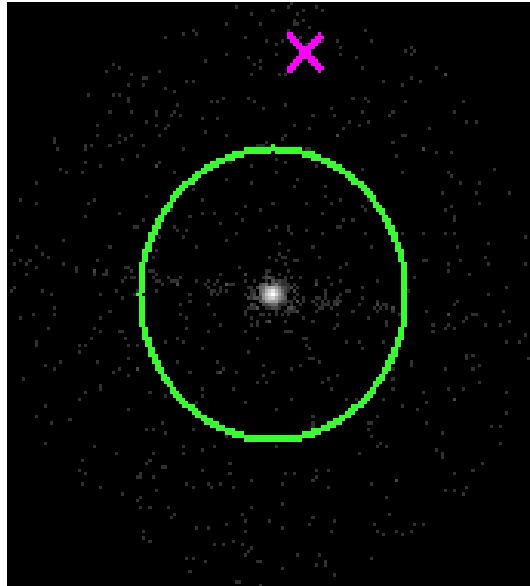


2.5.3 Slot 2



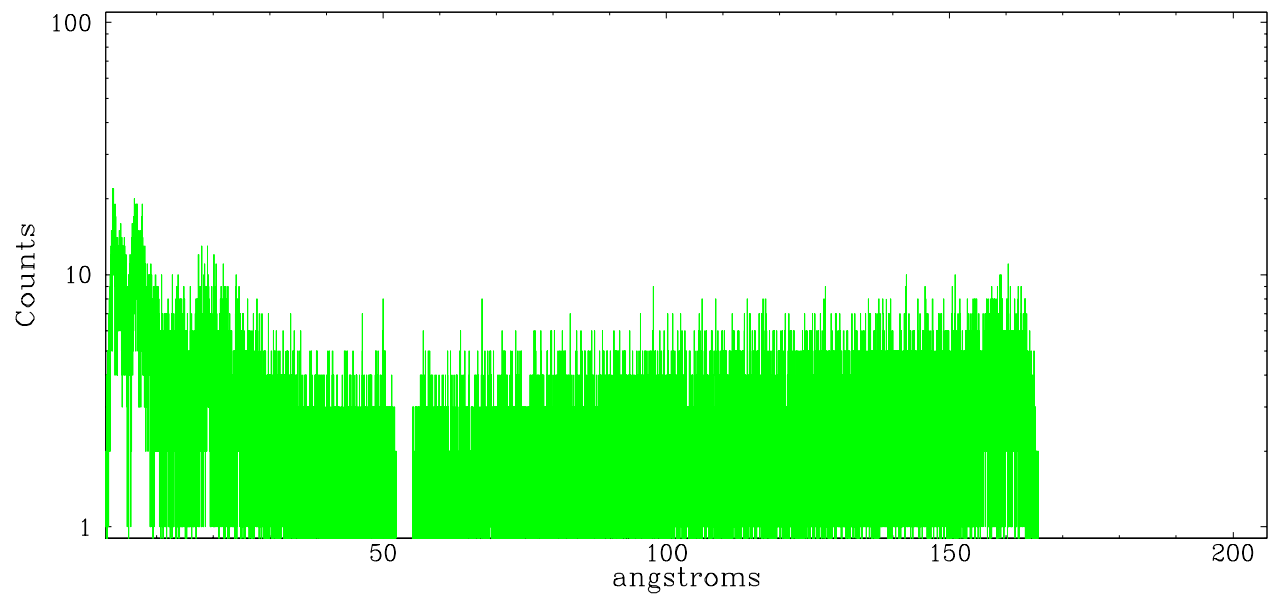
3 Gratings

3.1 LETG Arm

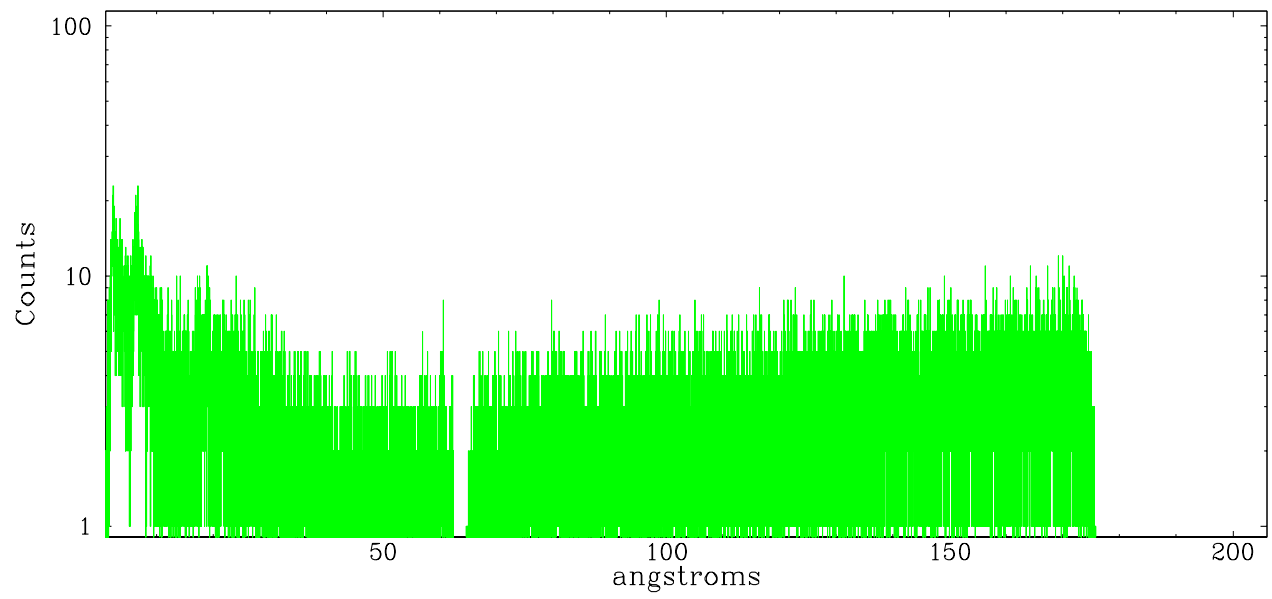


LETG Zero Order

leg order -1



leg order $+1$



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.982

A.2 Comments