

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1852 - L2 Version 001
Chandra X-Ray Center

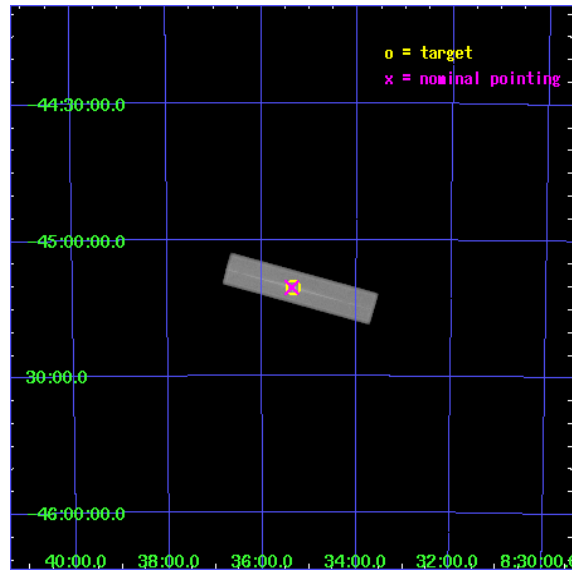
L2 Processing Date : Jun 29 2007

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1 Front

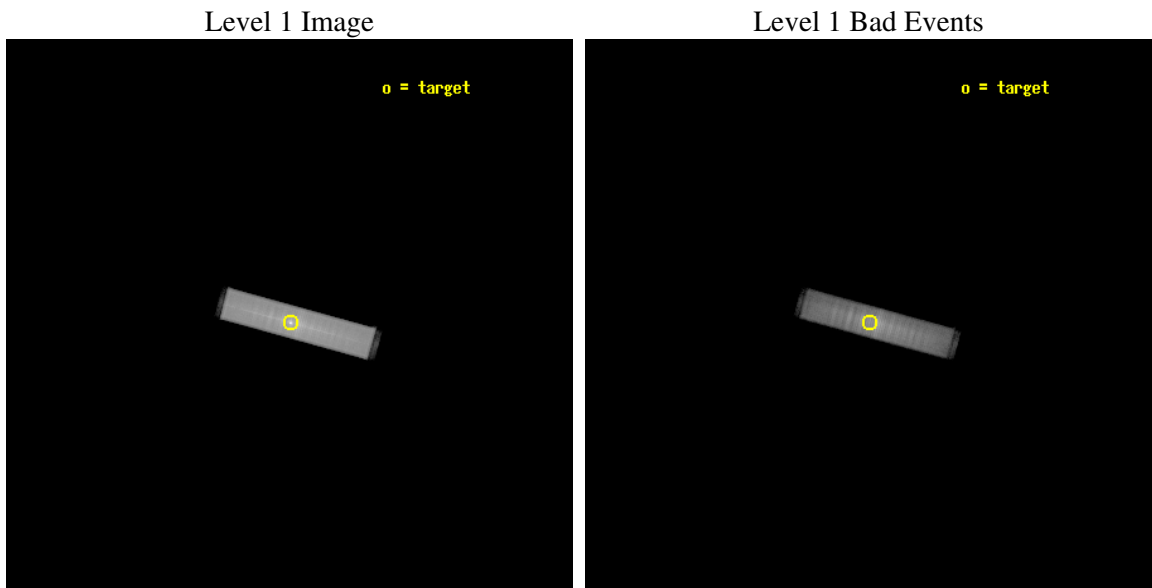
seq_num	500123
obs_id	1852
title	THE VELA PULSAR
observer	Prof. Gordon Garmire
object	VELA PULSAR
ra_targ	128.835833
dec_targ	-45.176389
ra_nom	128.84245566108
dec_nom	-45.175306972941
roll_nom	15.210313495698
revision	3
ontime	25162.982214808
livetime	25088.737579546
l2events	664267



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-29T17:33:43
revision	4

sched_exp_time	25000.000000
ontime	25162.982215807
l1events	1195111

2.1.3 Events

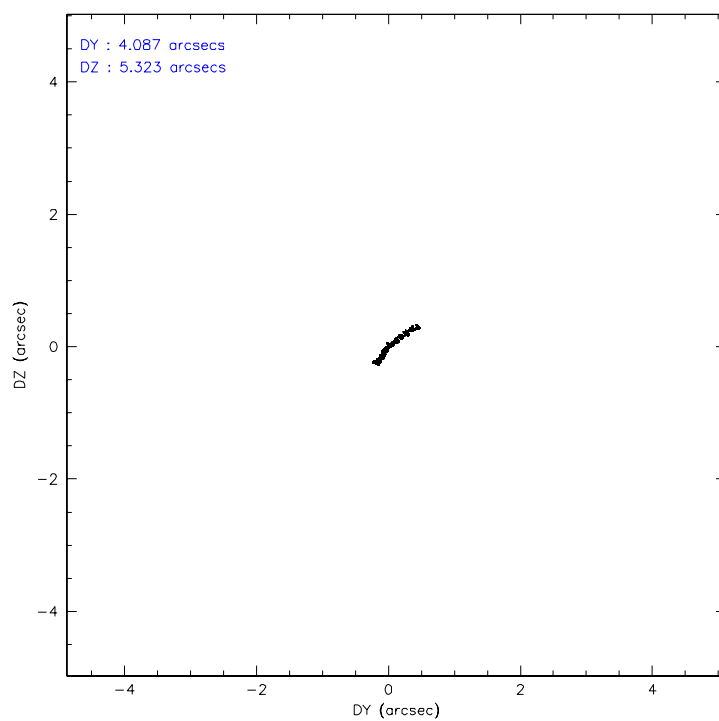
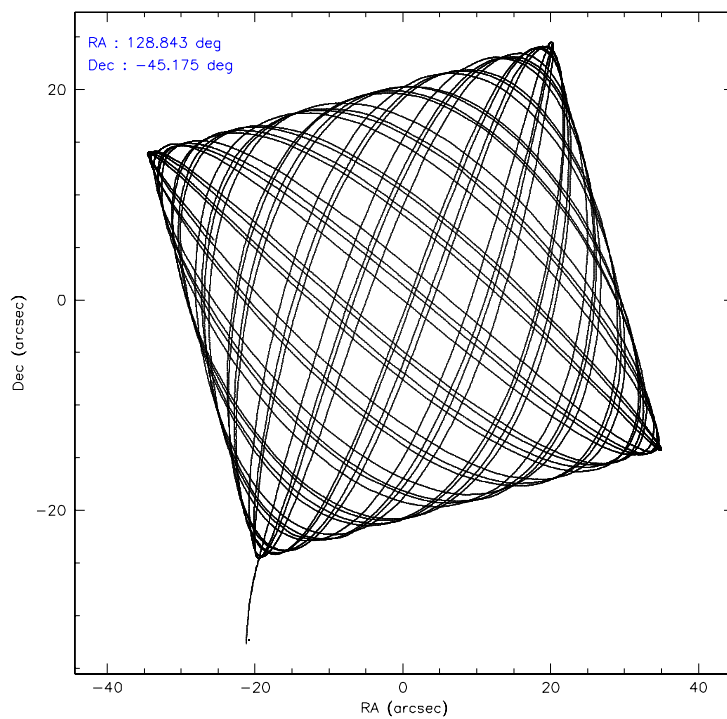
Level 1 Events

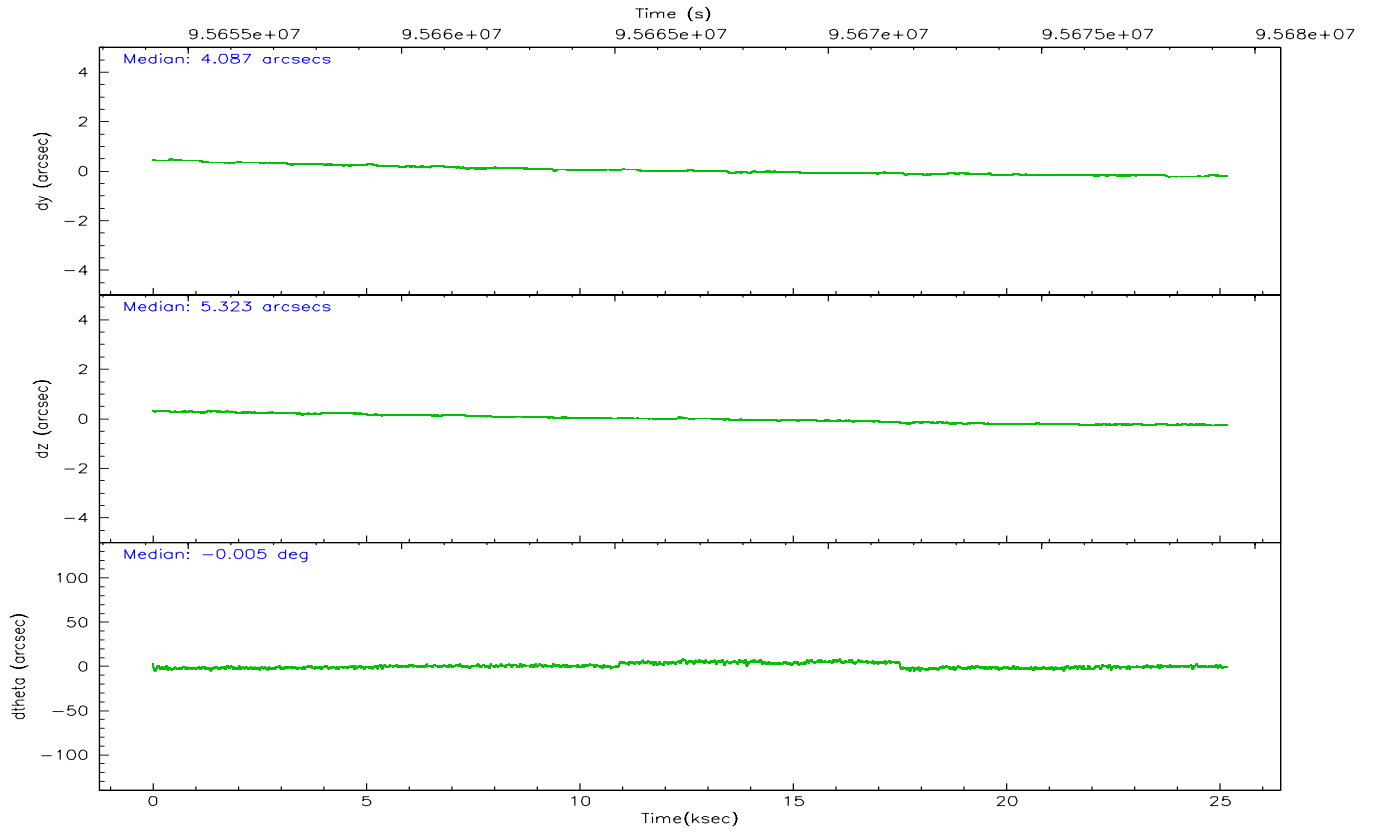
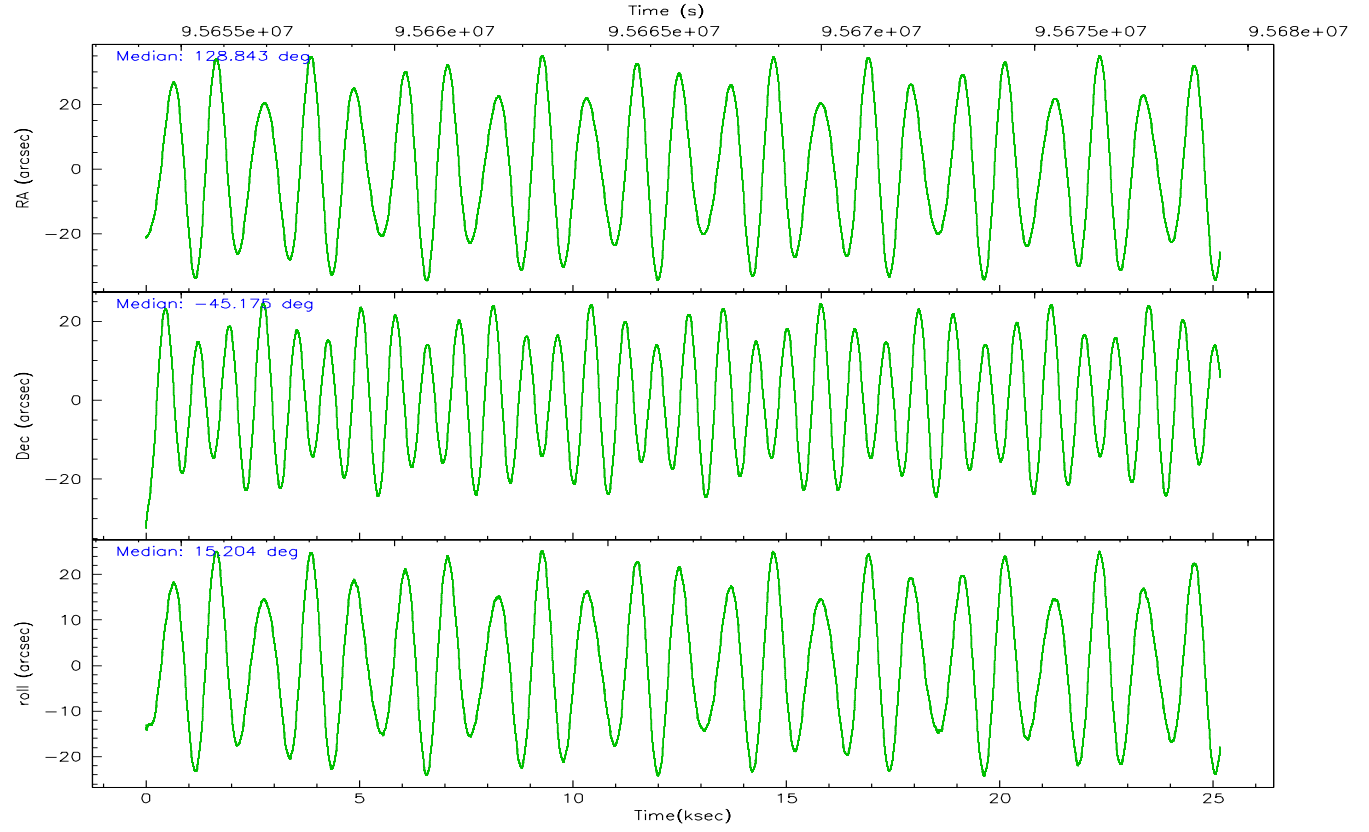
	segment 1	segment 2	segment 3
level 1 events	20126	1156547	18438
rejected events	20018	441988	18438
rejected %	99%	38%	100%

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	128.815164	128.8424556610782			
Pointing Dec	-45.196555	-45.17530697294092			
Pointing Roll	15.123618	15.2103134956983			
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	95654349.184000	95653181.66303401			
Observation start date	2001-01-12T02:38:05	2001-01-12T02:19:41			
Observation end time	95679349.184000	95680392.33907799			
Observation end date	2001-01-12T09:34:45	2001-01-12T09:53:12			

2.3 Aspect



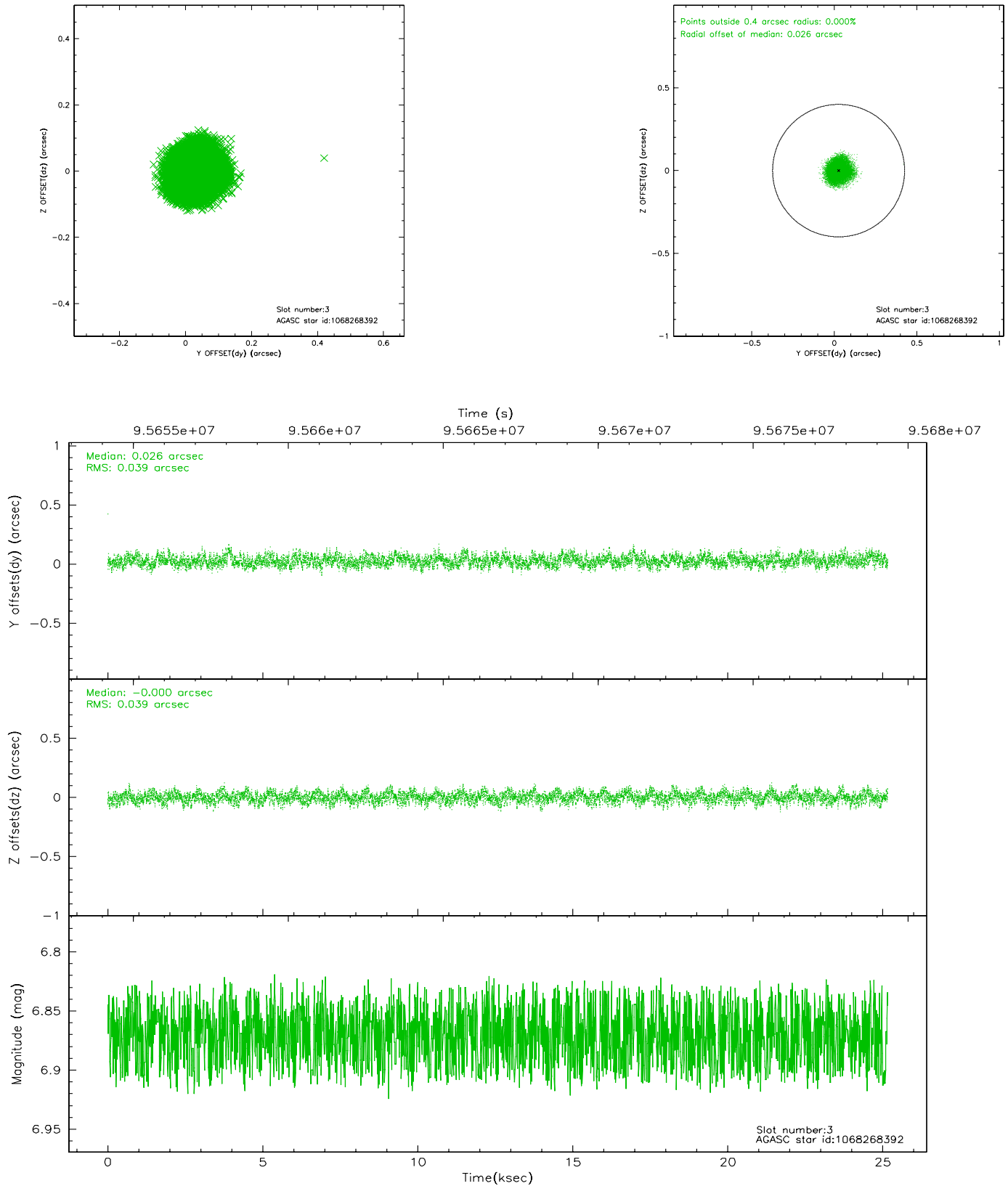


Slot Statistics

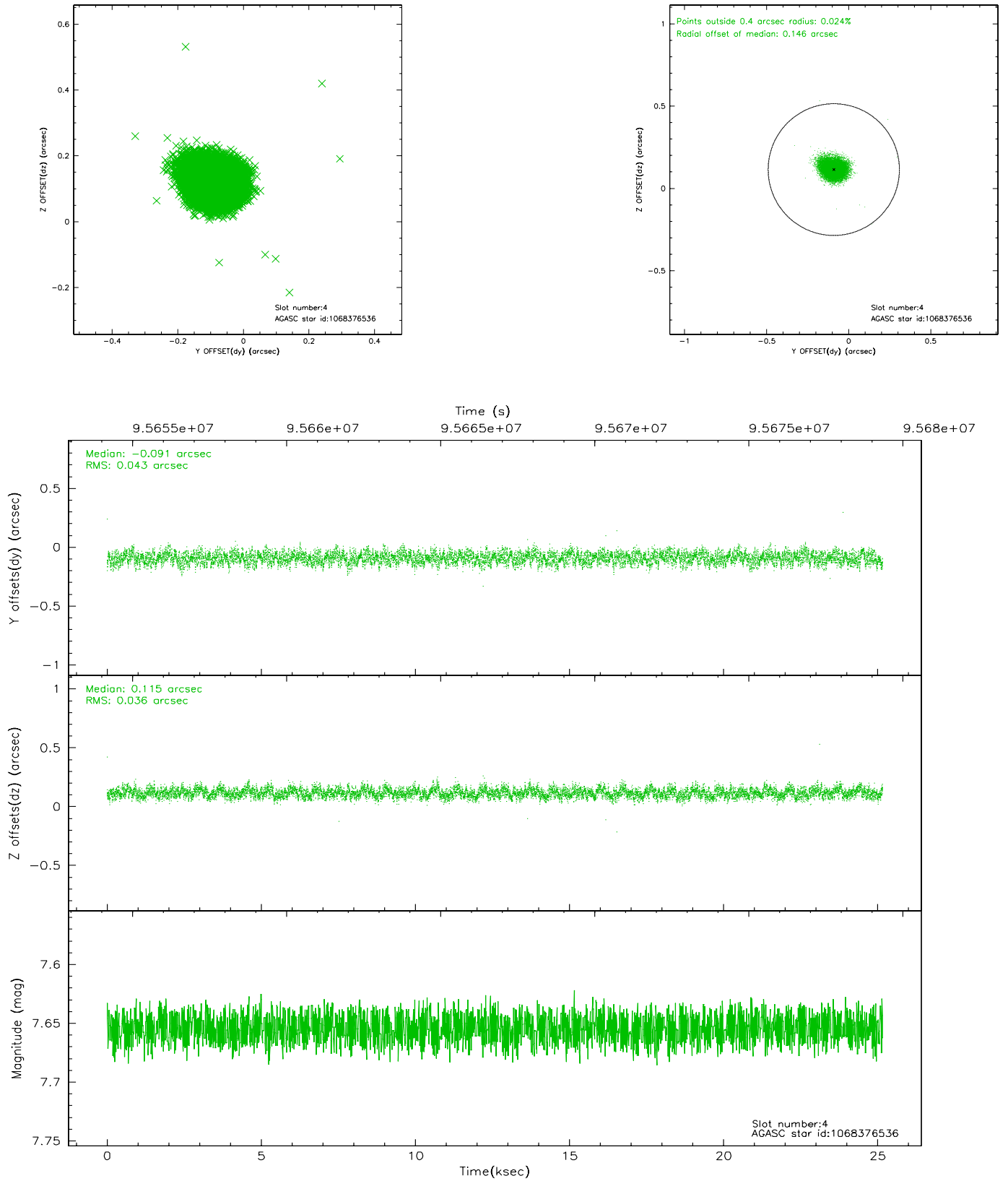
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	6136	0.128	-0.167	0.010	0.016	0.000000	0.000000	-1158.20	-453.90
1	FID	HRC-S-3	7.03	6138	0.171	-0.030	0.014	0.023	0.000000	0.000000	-1161.09	575.70
2	FID	HRC-S-4	6.96	6136	0.088	-0.099	0.007	0.013	0.000000	0.000000	1239.81	578.41
3	GUIDE	1068268392	6.87	12275	0.026	-0.000	0.060	0.091	128.257754	-45.752904	-1875.46	-1573.27
4	GUIDE	1068376536	7.65	12275	-0.091	0.115	0.059	0.094	129.556408	-45.593502	1427.37	-1874.98
5	GUIDE	1005855016	8.33	12273	-0.052	-0.062	0.051	0.084	129.483009	-44.485796	2321.36	2015.77
6	GUIDE	1068239704	8.57	12269	0.106	0.033	0.058	0.096	129.331182	-45.207211	1252.59	-382.36
7	GUIDE	1005868872	9.14	12270	0.011	-0.085	0.088	0.141	128.945114	-44.744416	745.18	1484.21

2.4 Star Slots

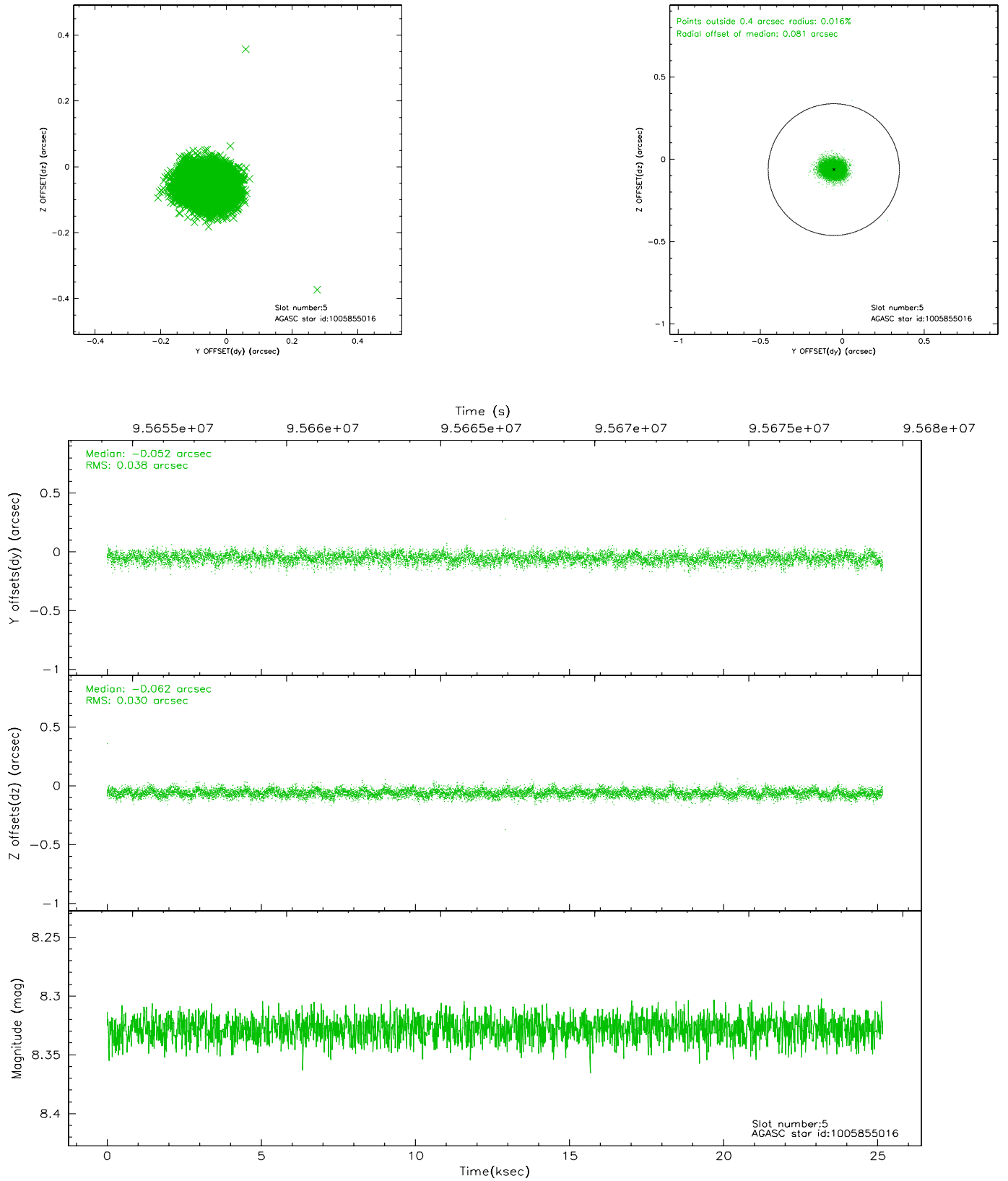
2.4.1 Slot 3



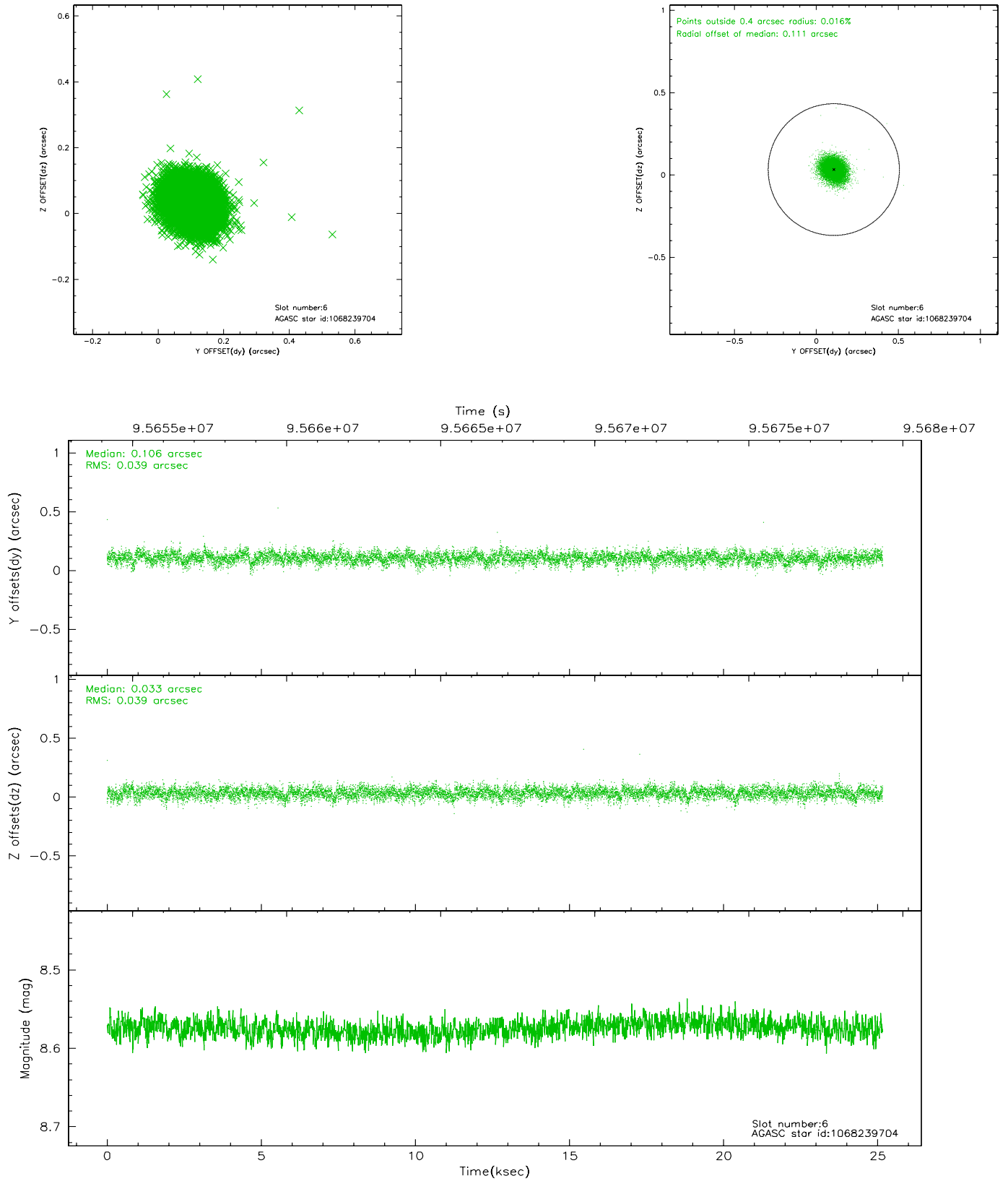
2.4.2 Slot 4



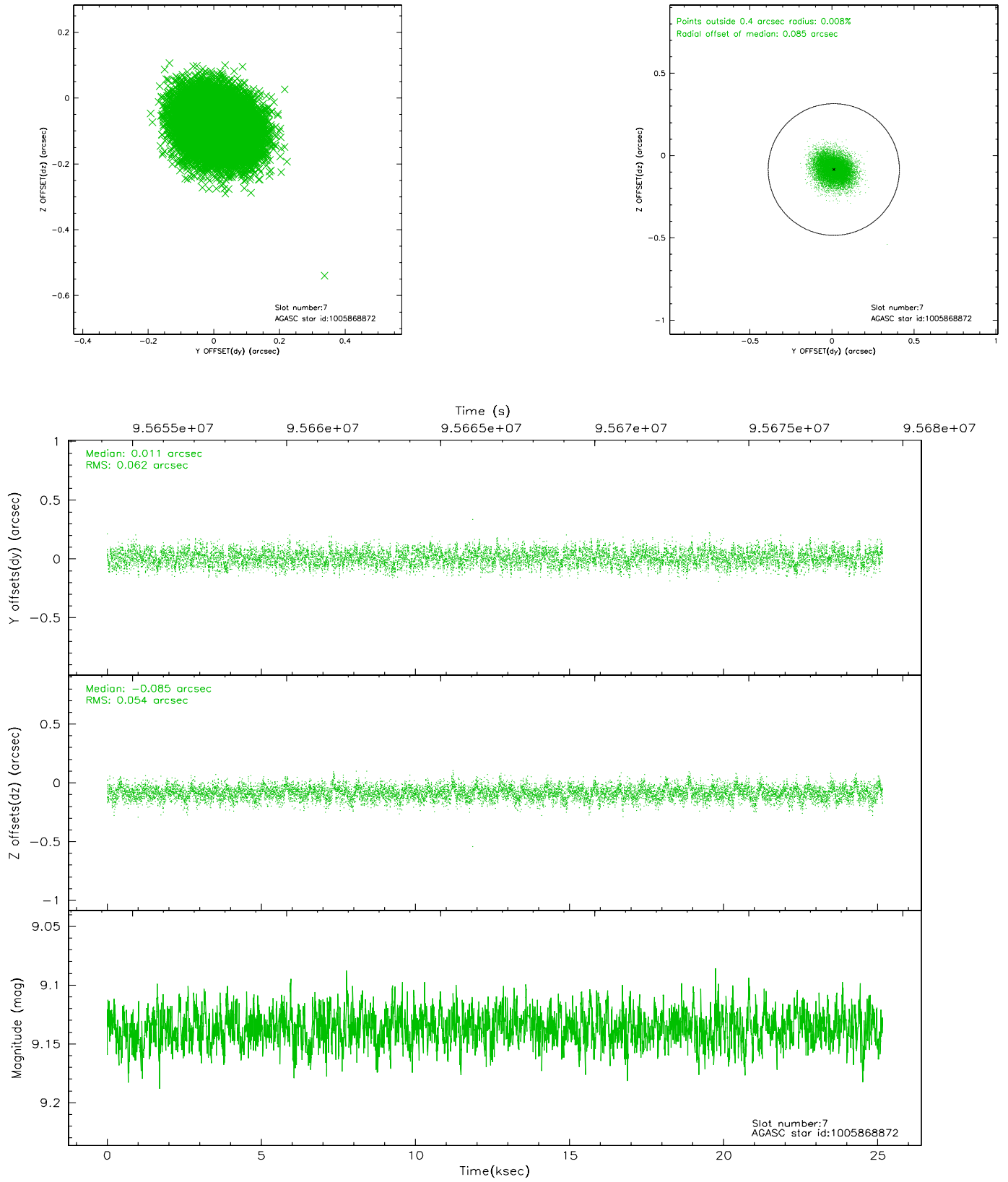
2.4.3 Slot 5



2.4.4 Slot 6

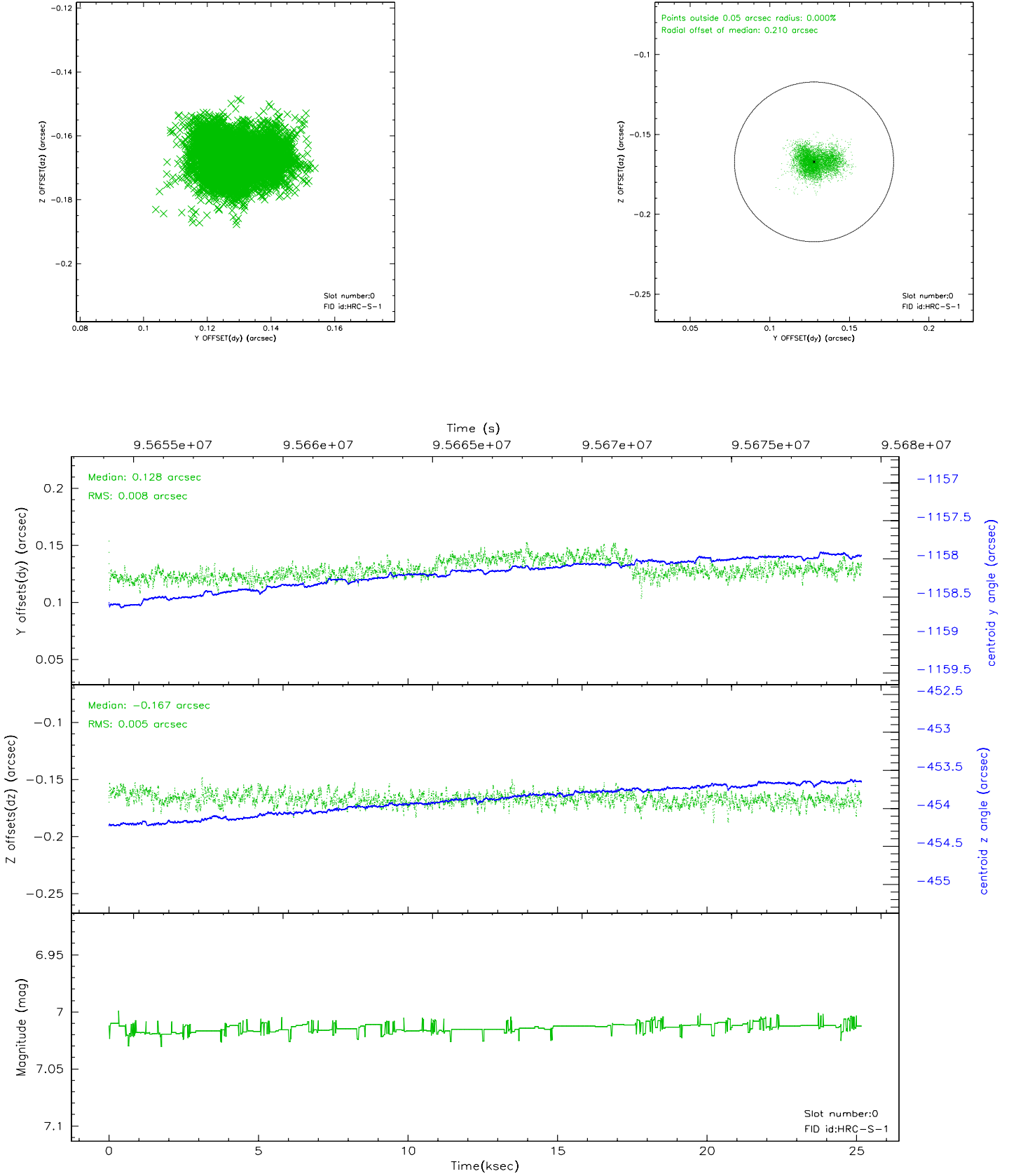


2.4.5 Slot 7

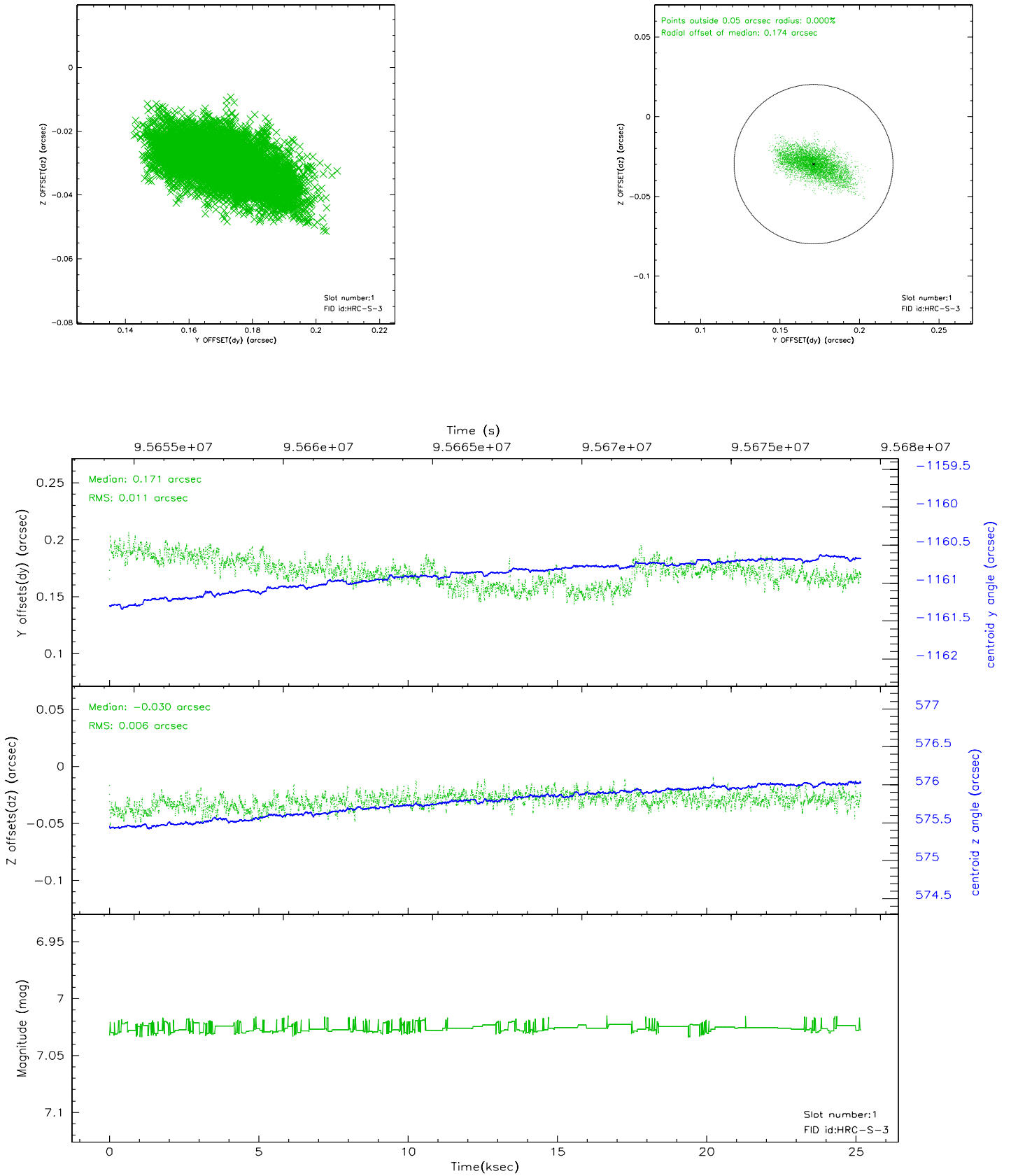


2.5 FID Slots

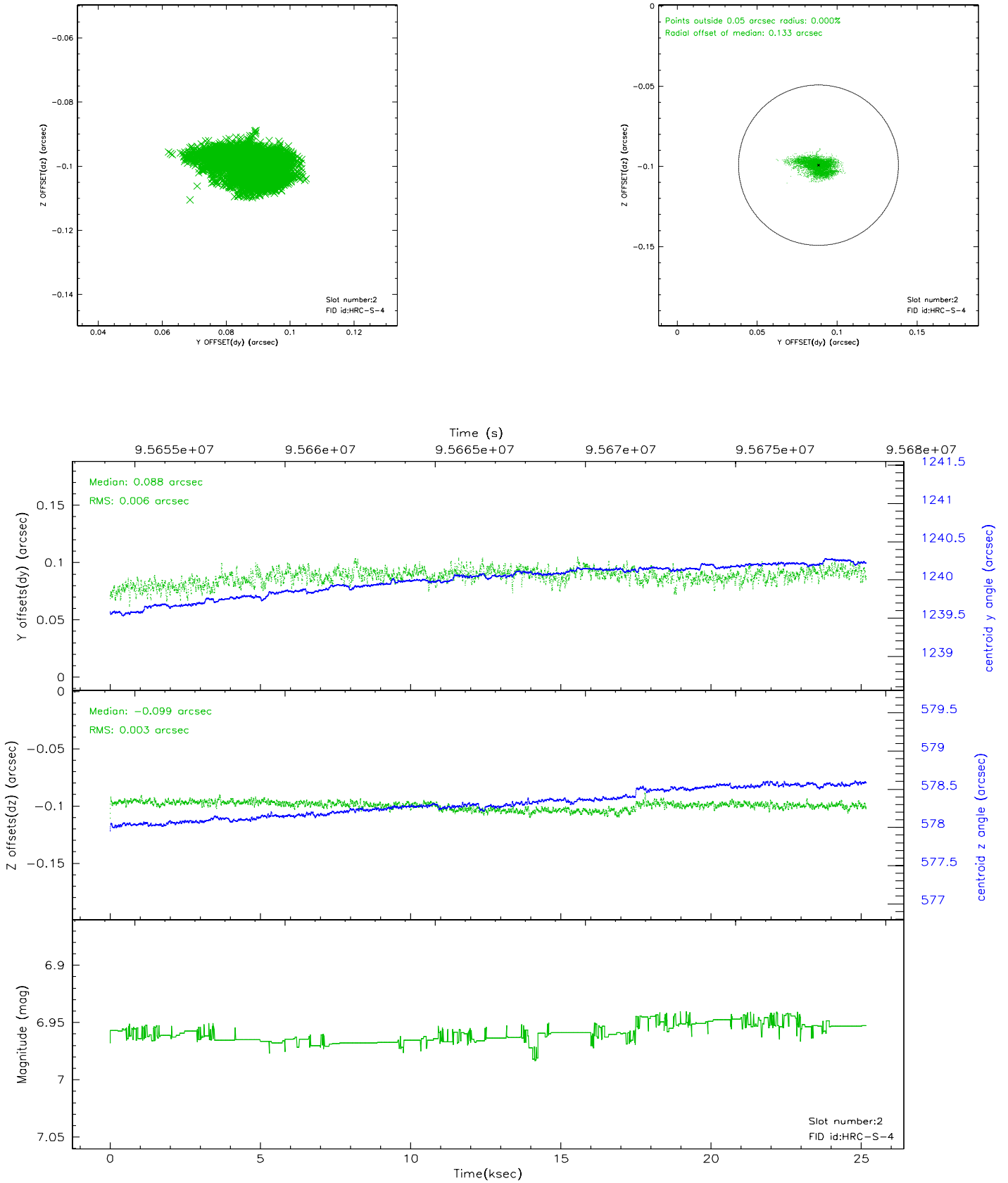
2.5.1 Slot 0



2.5.2 Slot 1

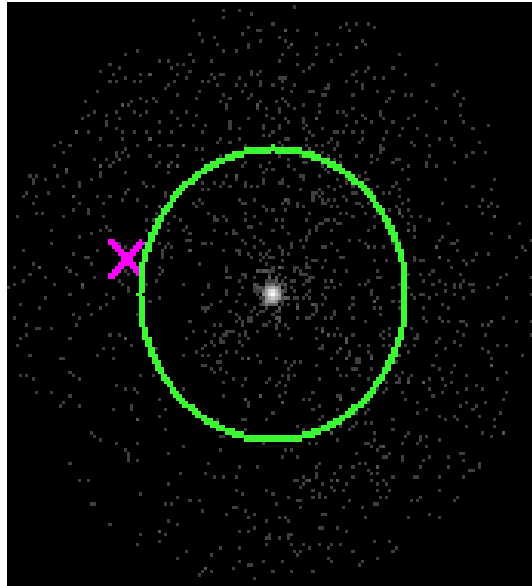


2.5.3 Slot 2

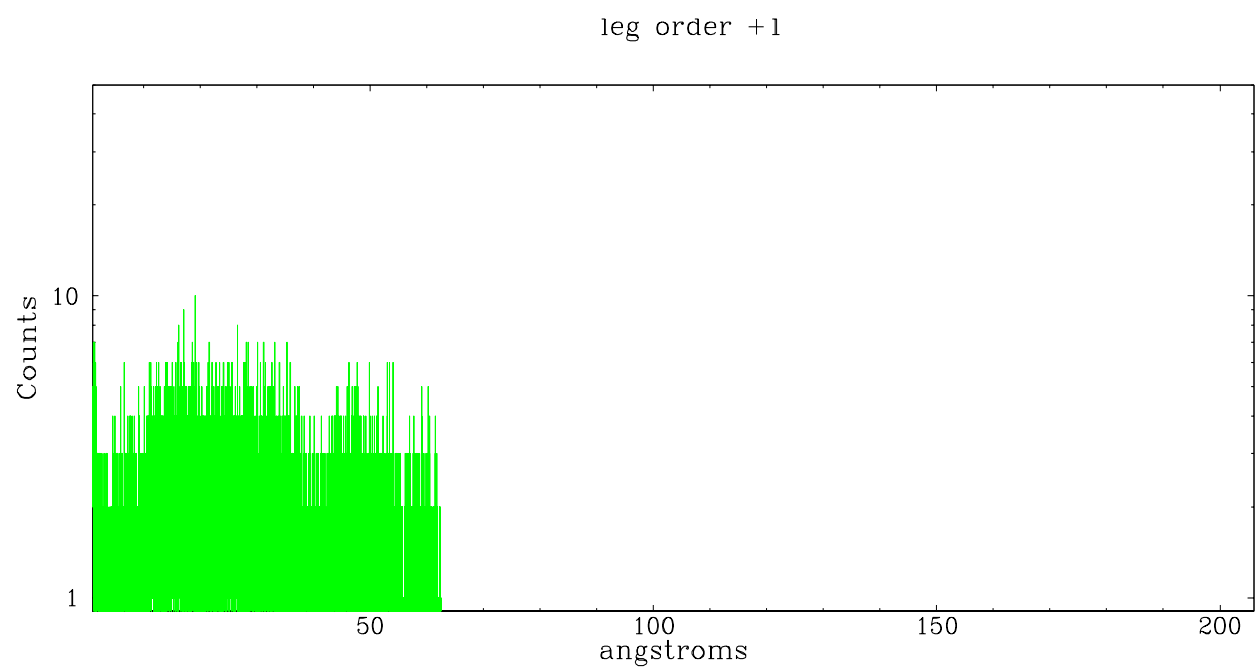
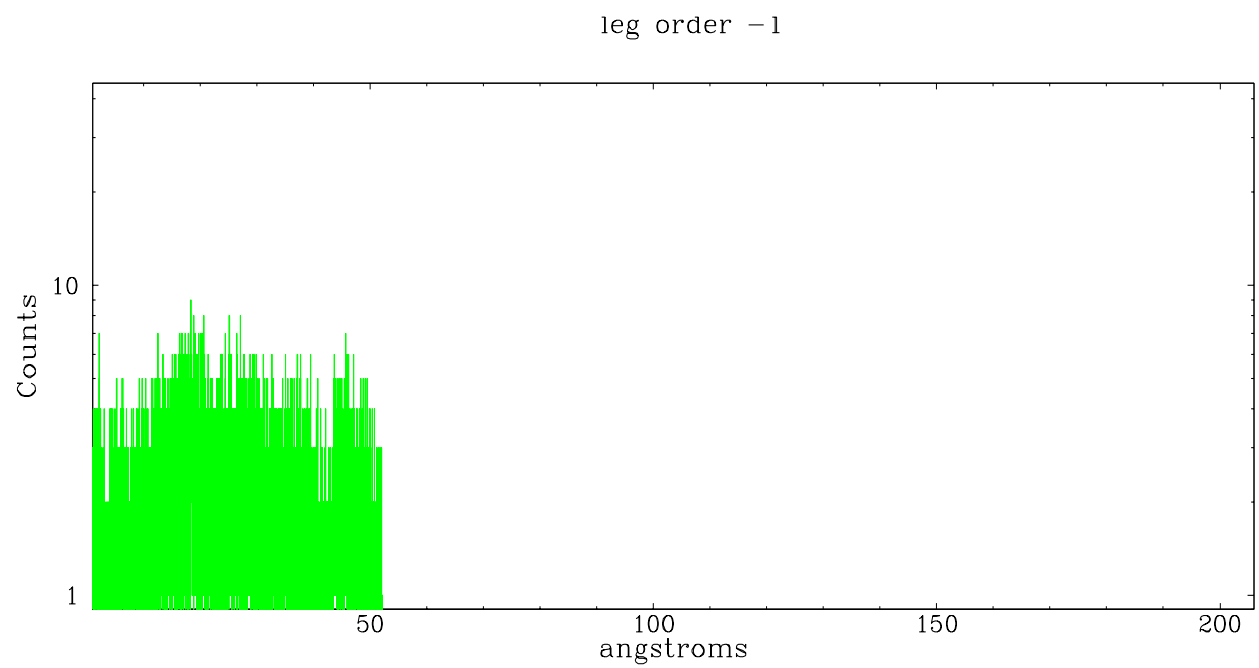


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.148

A.2 Comments