

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3382 - L2 Version 001
Chandra X-Ray Center

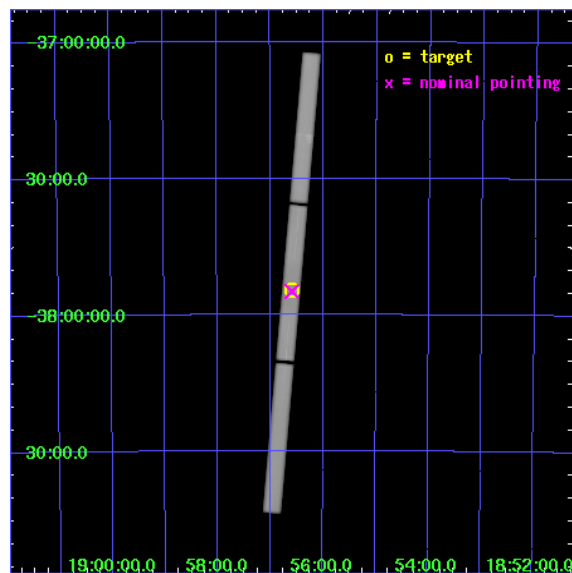
L2 Processing Date : Jan 5 2007

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1 Front

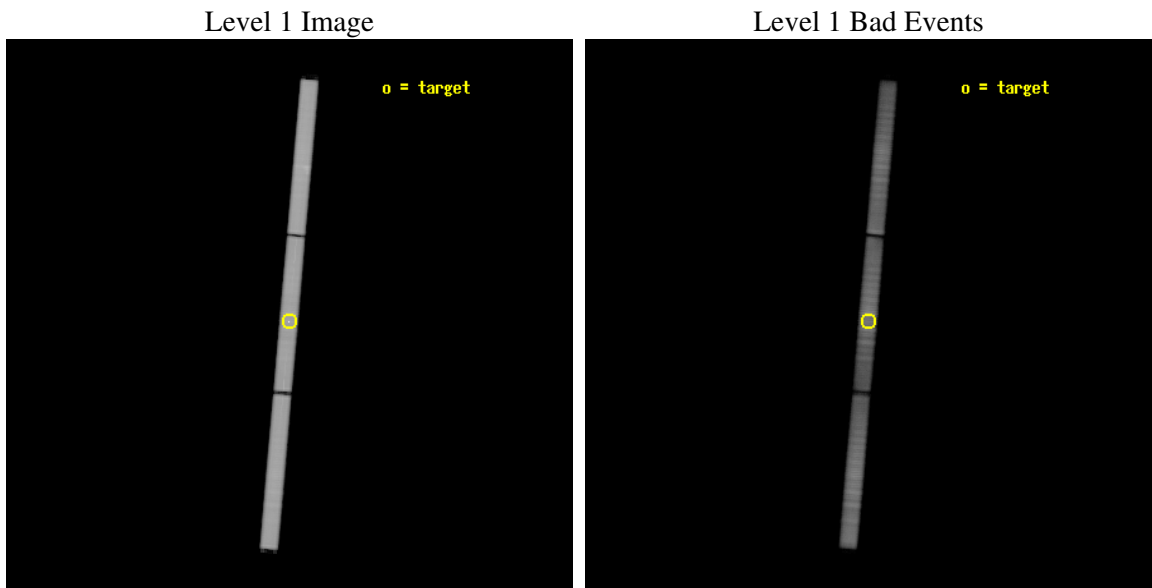
seq_num	500285
obs_id	3382
title	ARCHIVAL RESEARCH FOR ISOLATED NEUTRON STAR RXJ185635-3754
observer	DR. HARVEY TANANBAUM
object	RXJ1856.5-3754
ra_targ	284.147083
dec_targ	-37.909556
ra_nom	284.14740749096
dec_nom	-37.914287252525
roll_nom	274.96544506039
revision	2
ontime	101963.16029458
livetime	101109.12892691
l2events	6204182



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2007-01-05T16:33:53
revision	2

sched_exp_time	101981.313000
ontime	102046.95404792
l1events	8399703

2.1.3 Events

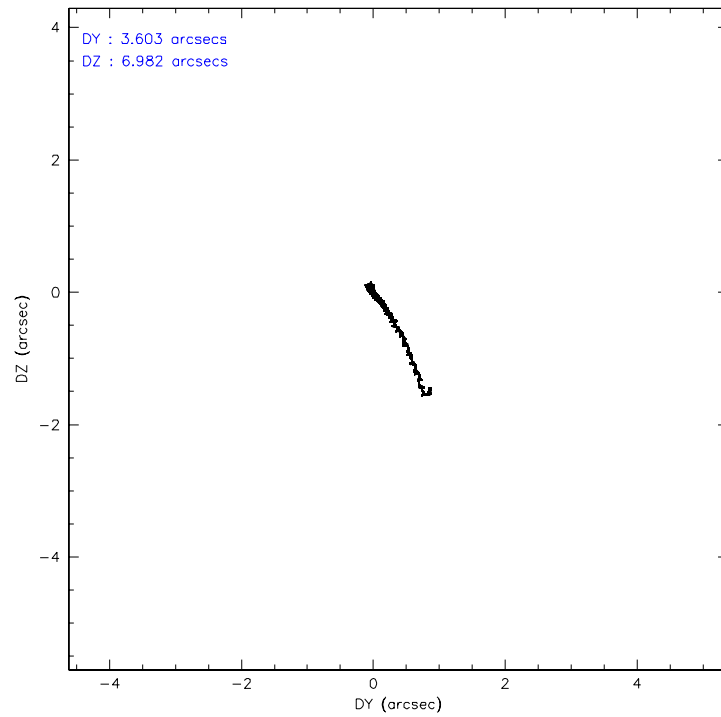
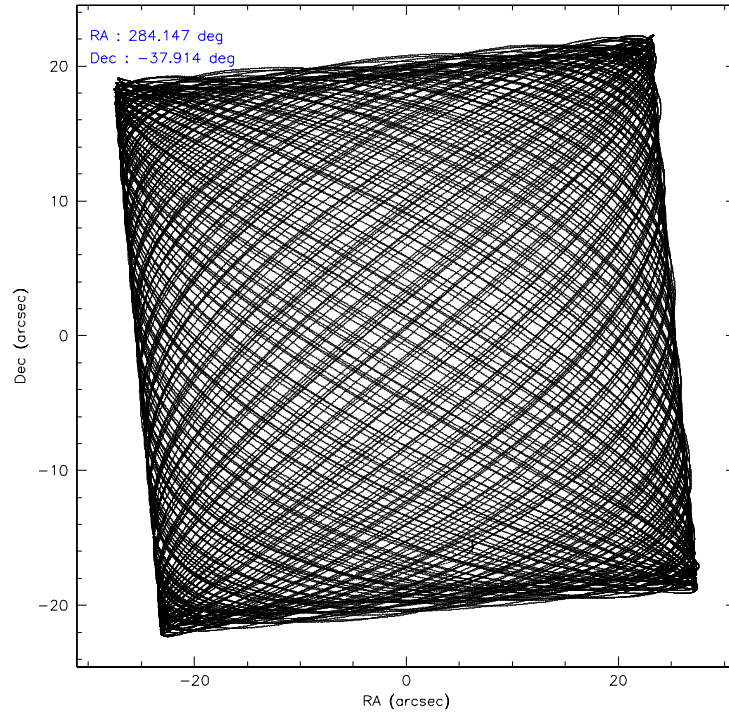
Level 1 Events

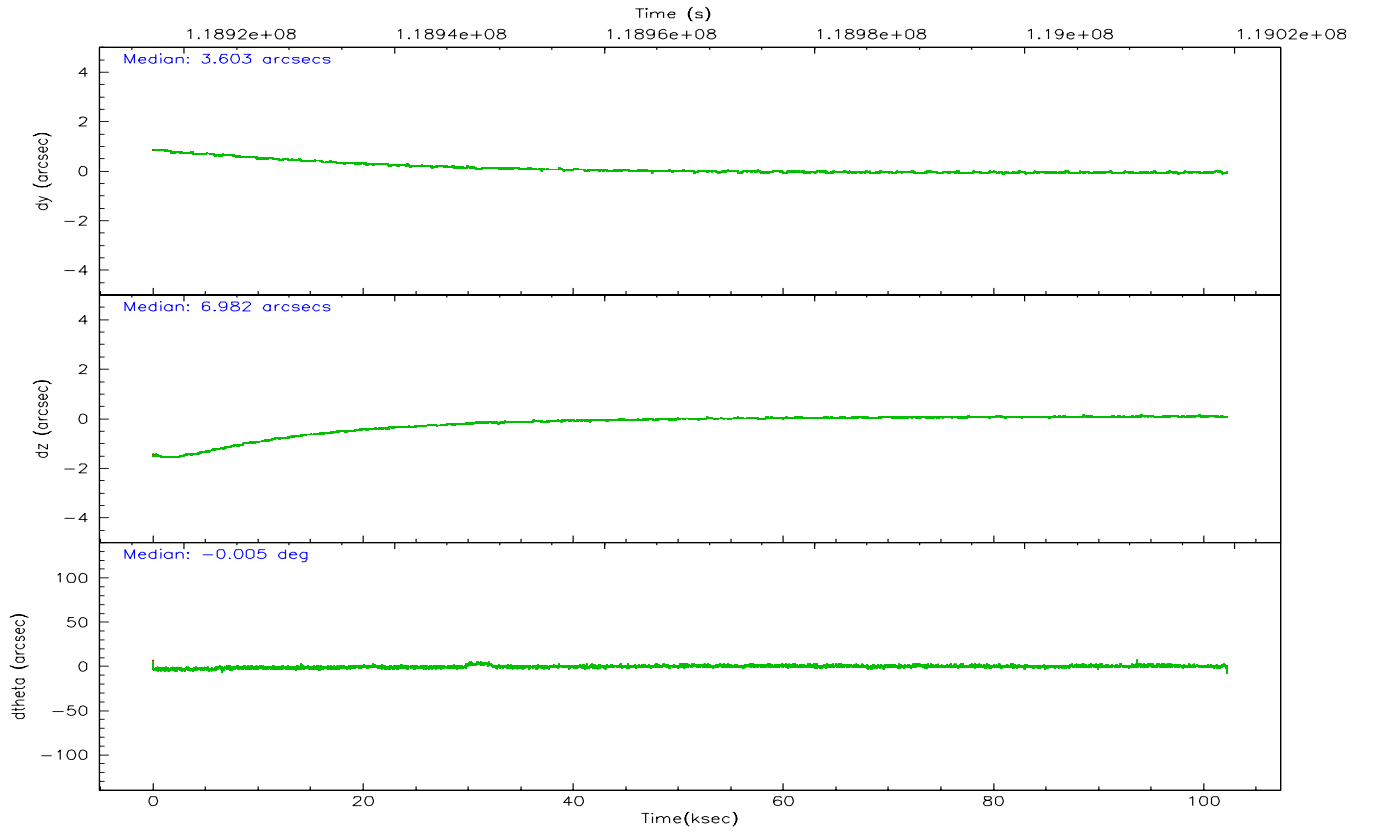
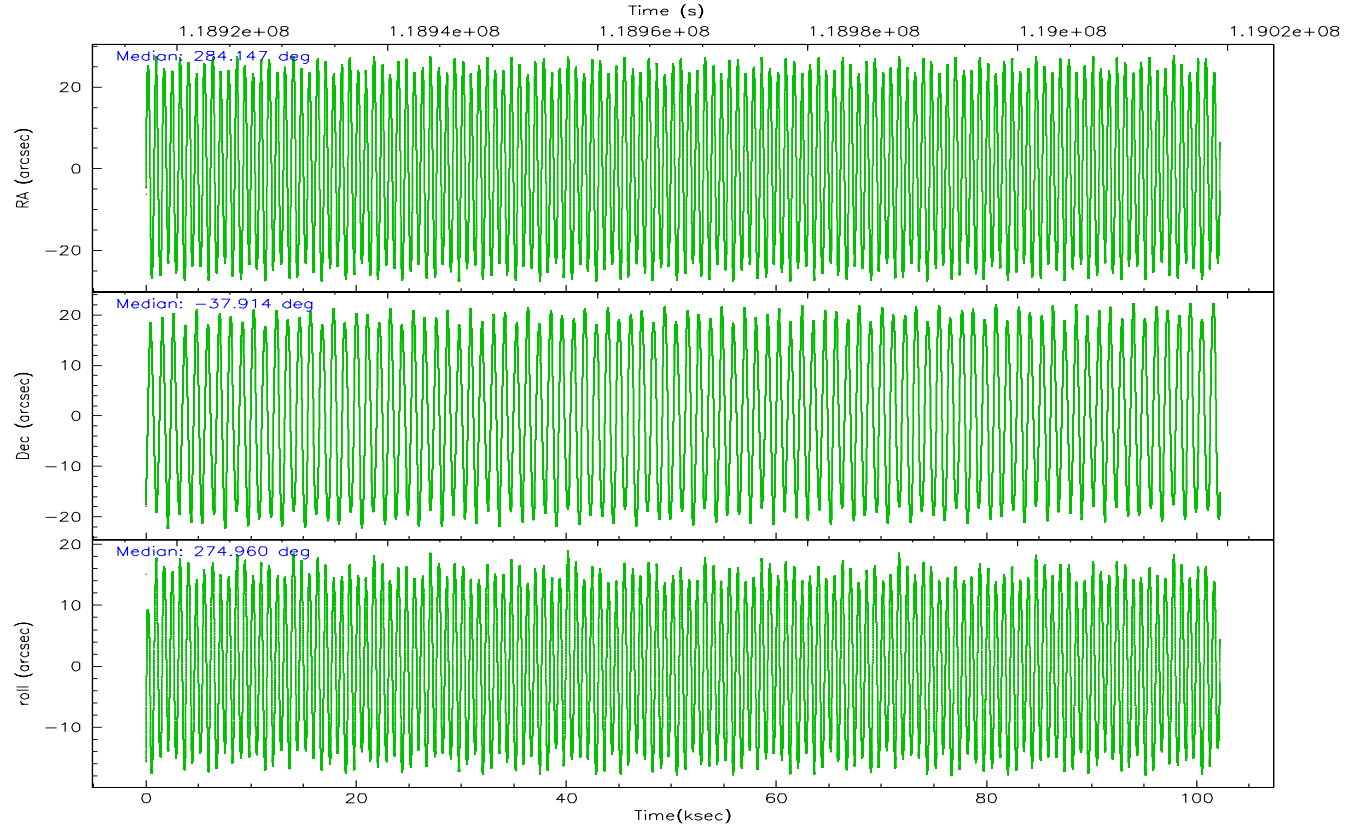
	segment 1	segment 2	segment 3
level 1 events	2973638	2705576	2720489
rejected events	463119	496569	588566
rejected %	15%	18%	21%

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	284.125212	284.1474074909646			
Pointing Dec	-37.891623	-37.91428725252487			
Pointing Roll	274.884477	274.9654450603923			
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	118917178.184000	118916329.39489			
Observation start date	2001-10-08T08:31:54	2001-10-08T08:18:49			
Observation end time	119019159.184000	119019710.38649			
Observation end date	2001-10-09T12:51:35	2001-10-09T13:01:50			

2.3 Aspect



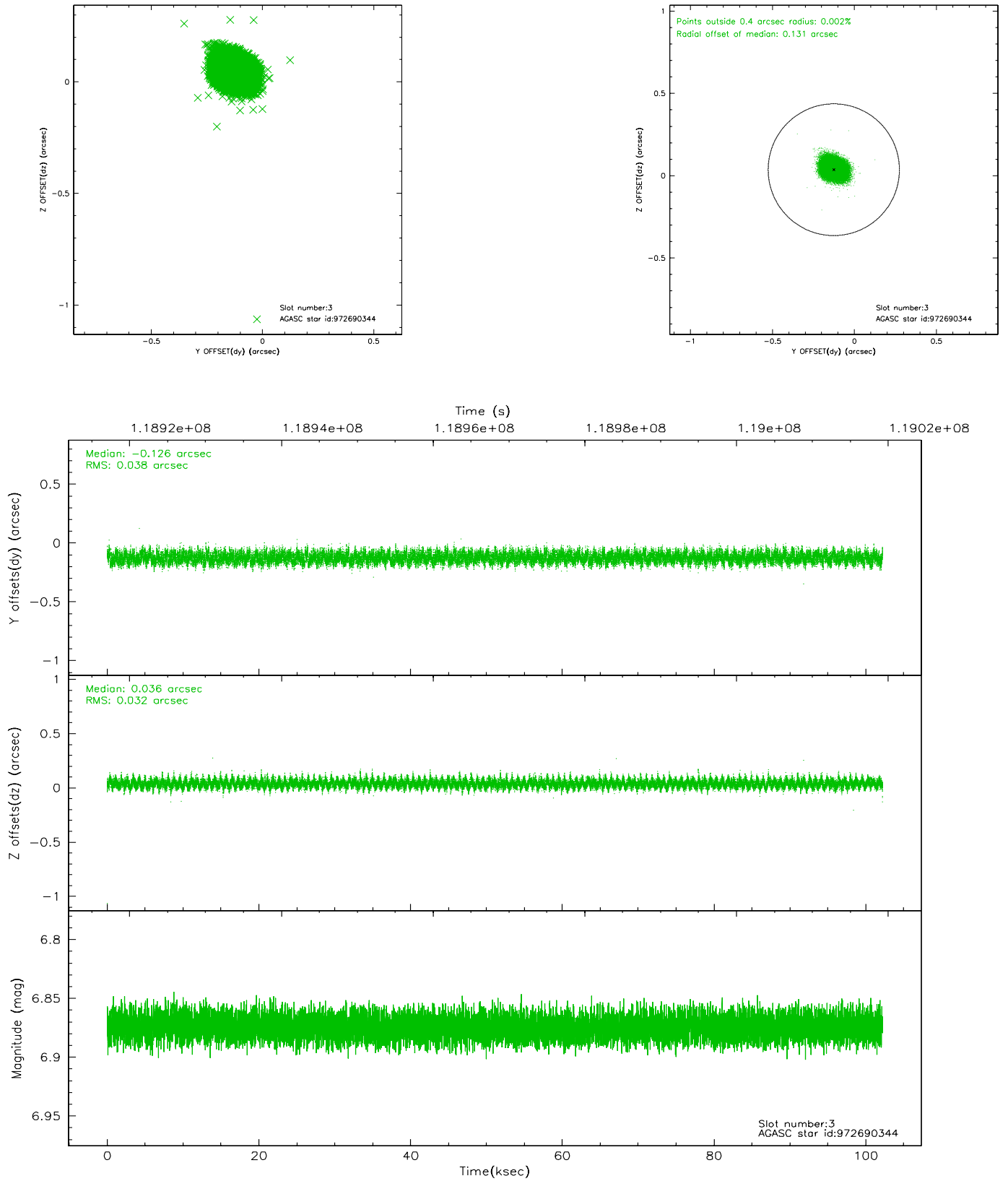


Slot Statistics

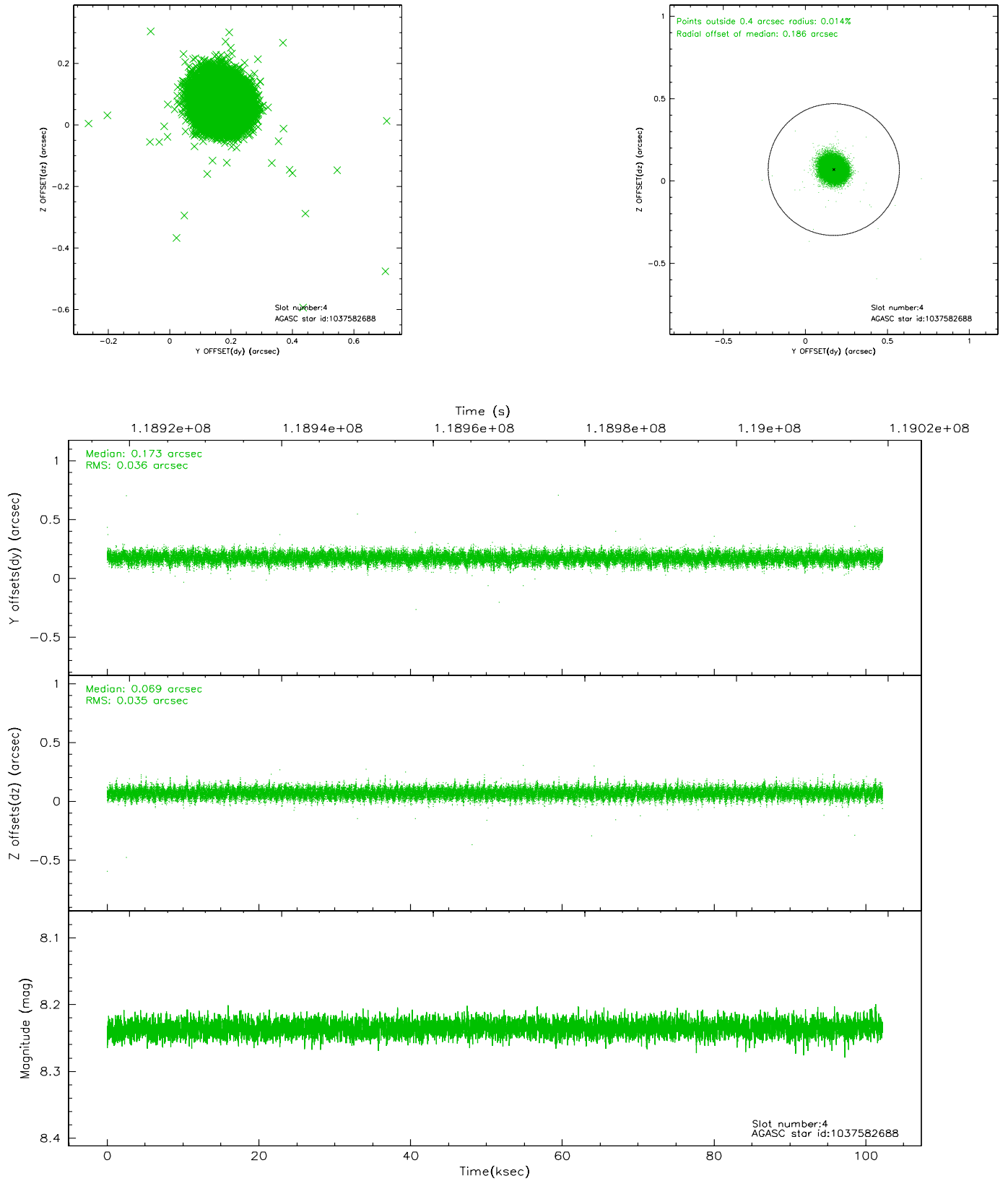
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	24931	0.167	-0.106	0.005	0.010	0.000000	0.000000	-1157.74	-455.33
1	FID	HRC-S-2	6.98	24930	0.093	-0.158	0.010	0.019	0.000000	0.000000	1241.82	-447.99
2	FID	HRC-S-4	6.92	24929	0.143	-0.040	0.010	0.019	0.000000	0.000000	1240.52	576.86
3	GUIDE	972690344	6.88	49874	-0.126	0.036	0.053	0.085	284.562162	-37.316991	-1951.13	1422.75
4	GUIDE	1037582688	8.24	49870	0.173	0.069	0.052	0.087	284.131110	-38.409051	1858.40	-141.23
5	GUIDE	1037567312	8.46	49867	-0.068	-0.153	0.064	0.104	283.456056	-37.976515	150.62	-1918.20
6	GUIDE	1037568192	8.67	49865	0.075	0.007	0.058	0.094	284.446060	-38.037443	602.93	862.15
7	GUIDE	1037567328	8.84	49858	-0.054	0.040	0.063	0.103	284.052016	-37.647288	-893.26	-132.49

2.4 Star Slots

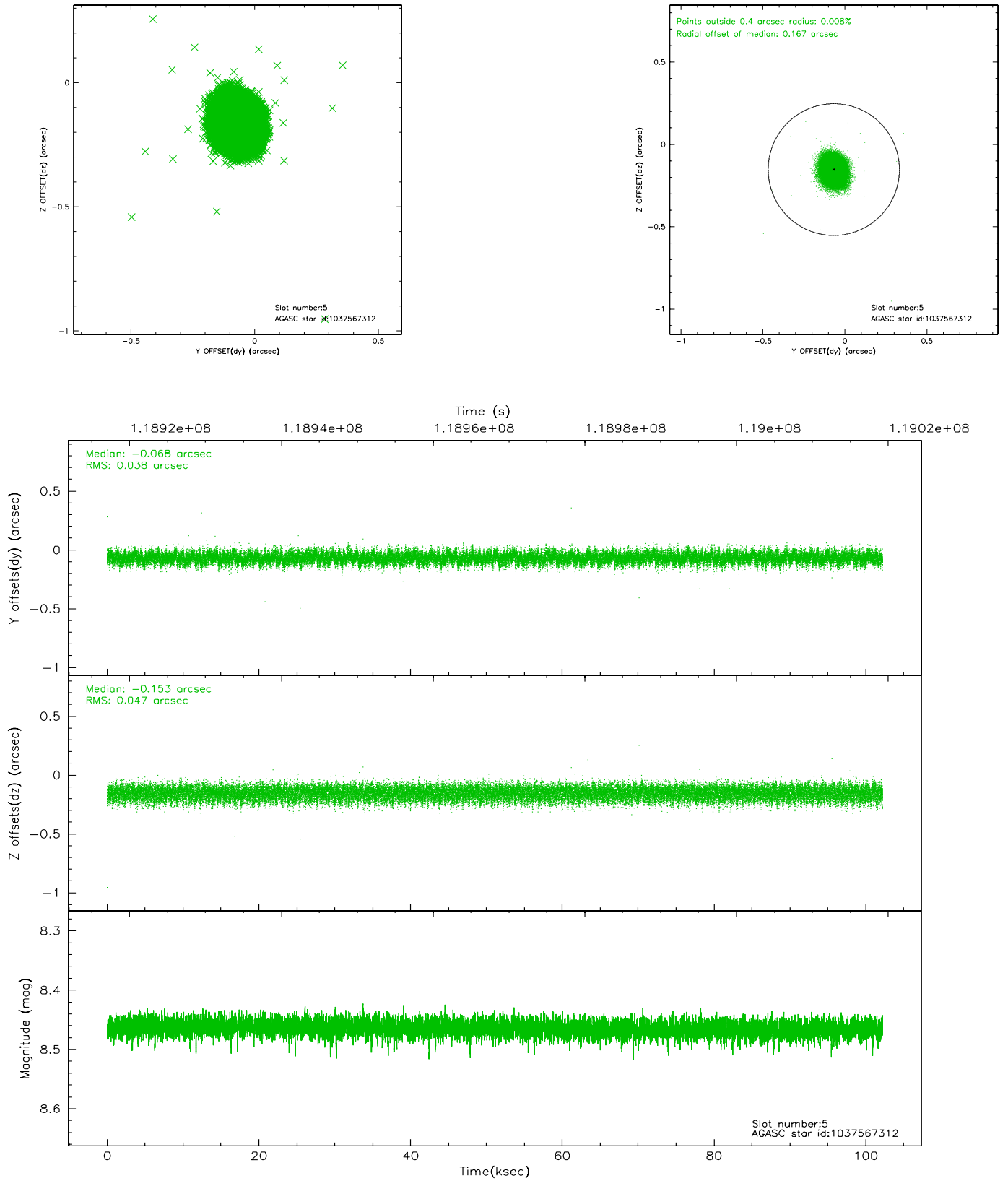
2.4.1 Slot 3



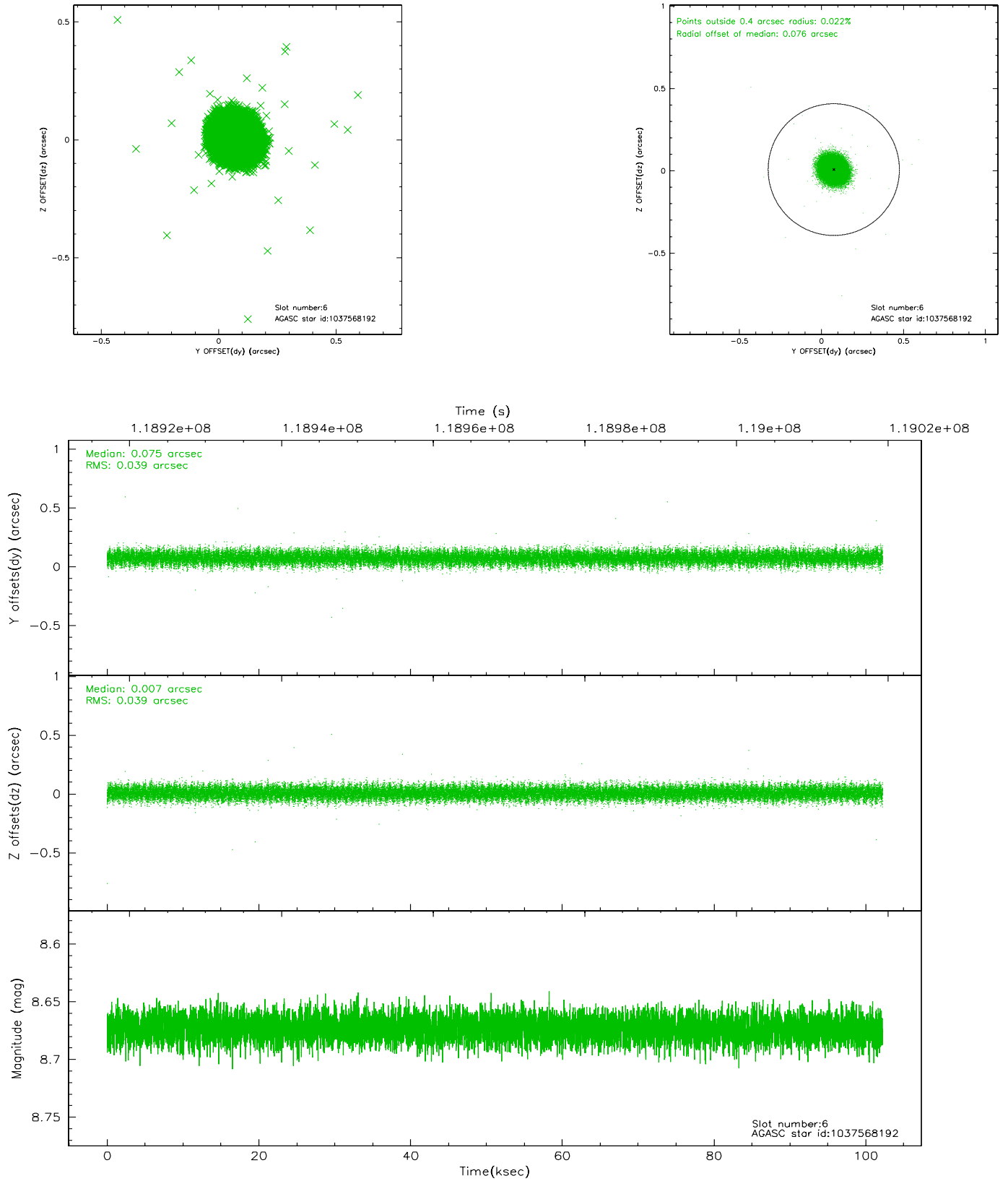
2.4.2 Slot 4



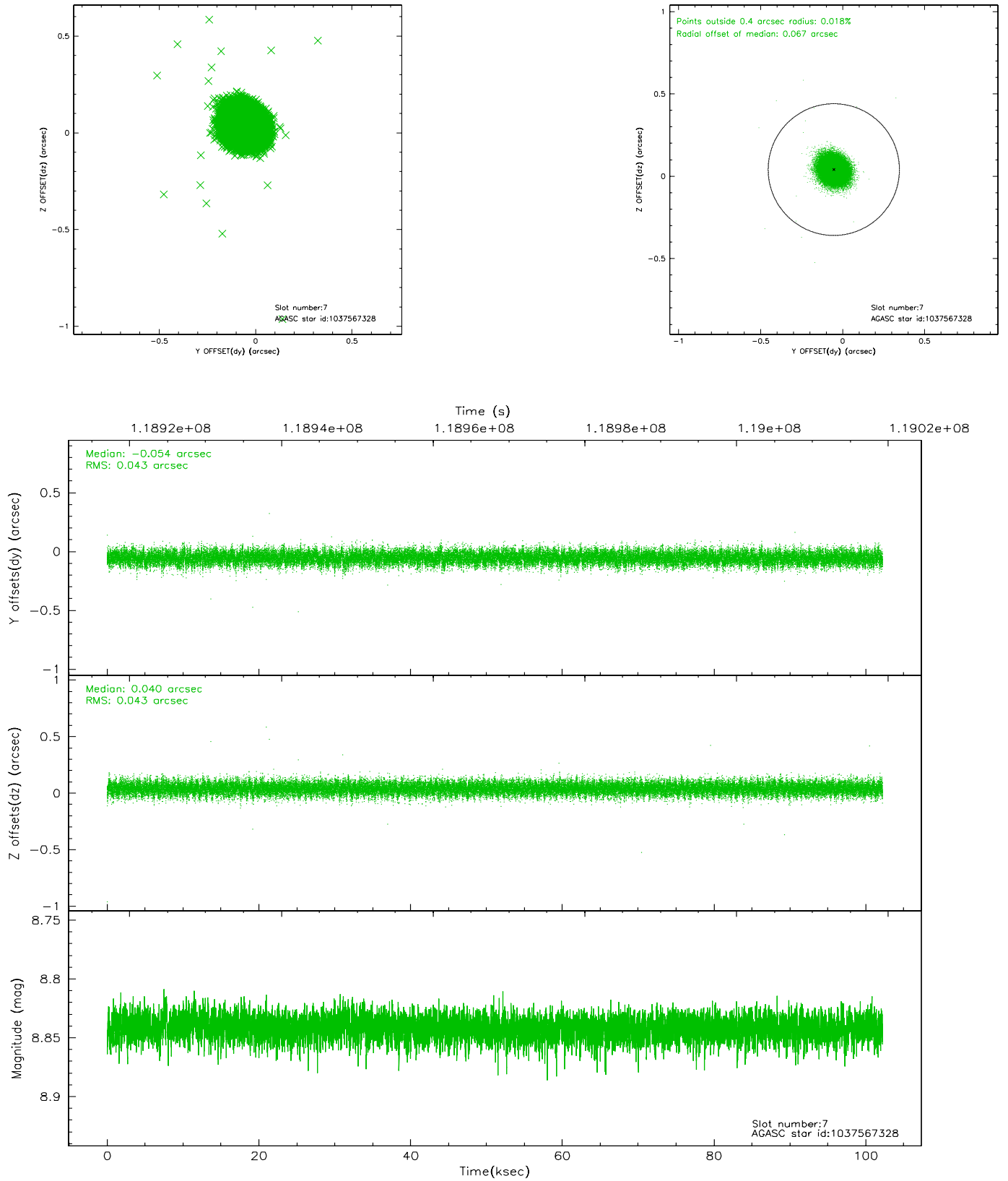
2.4.3 Slot 5



2.4.4 Slot 6

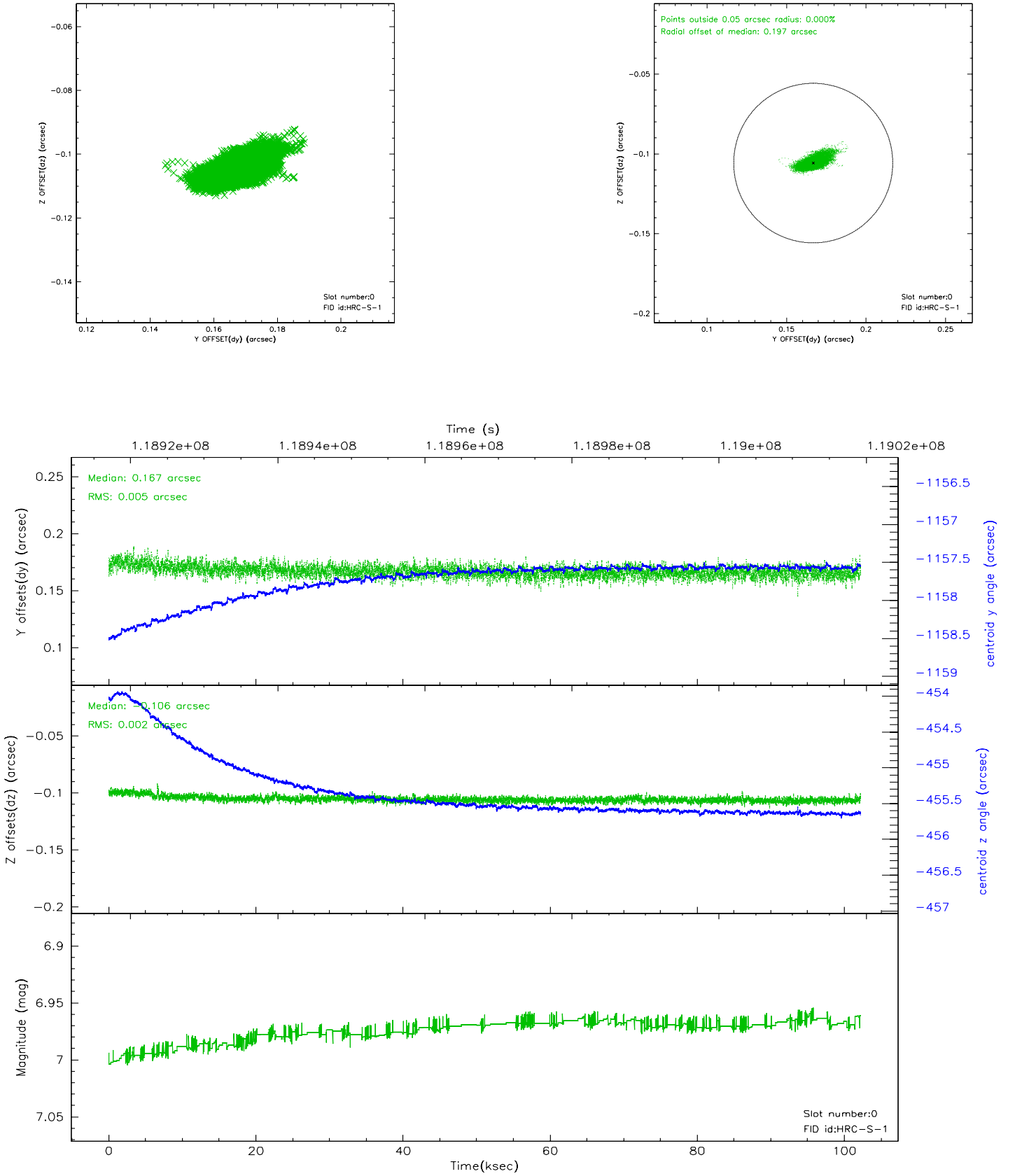


2.4.5 Slot 7

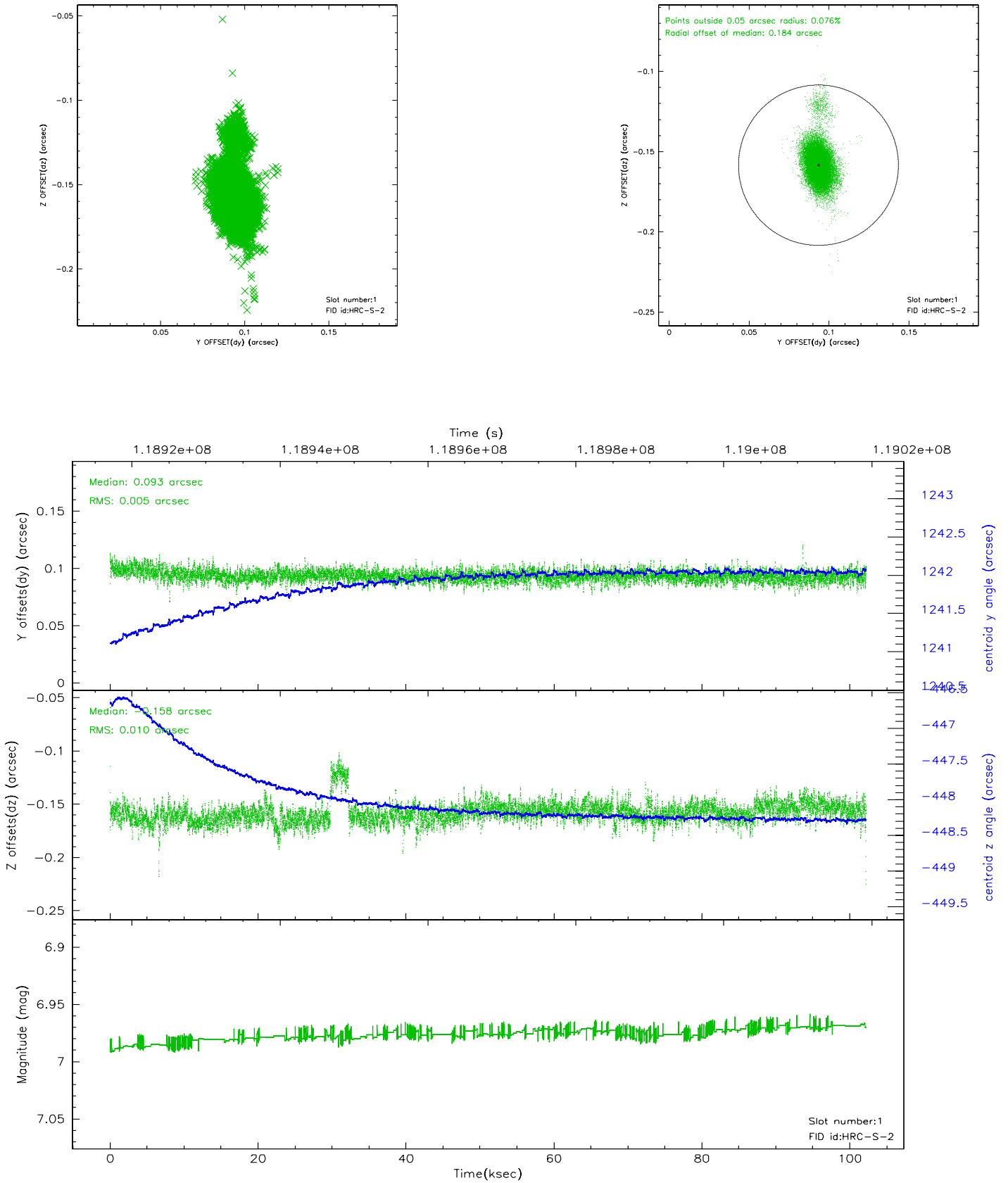


2.5 FID Slots

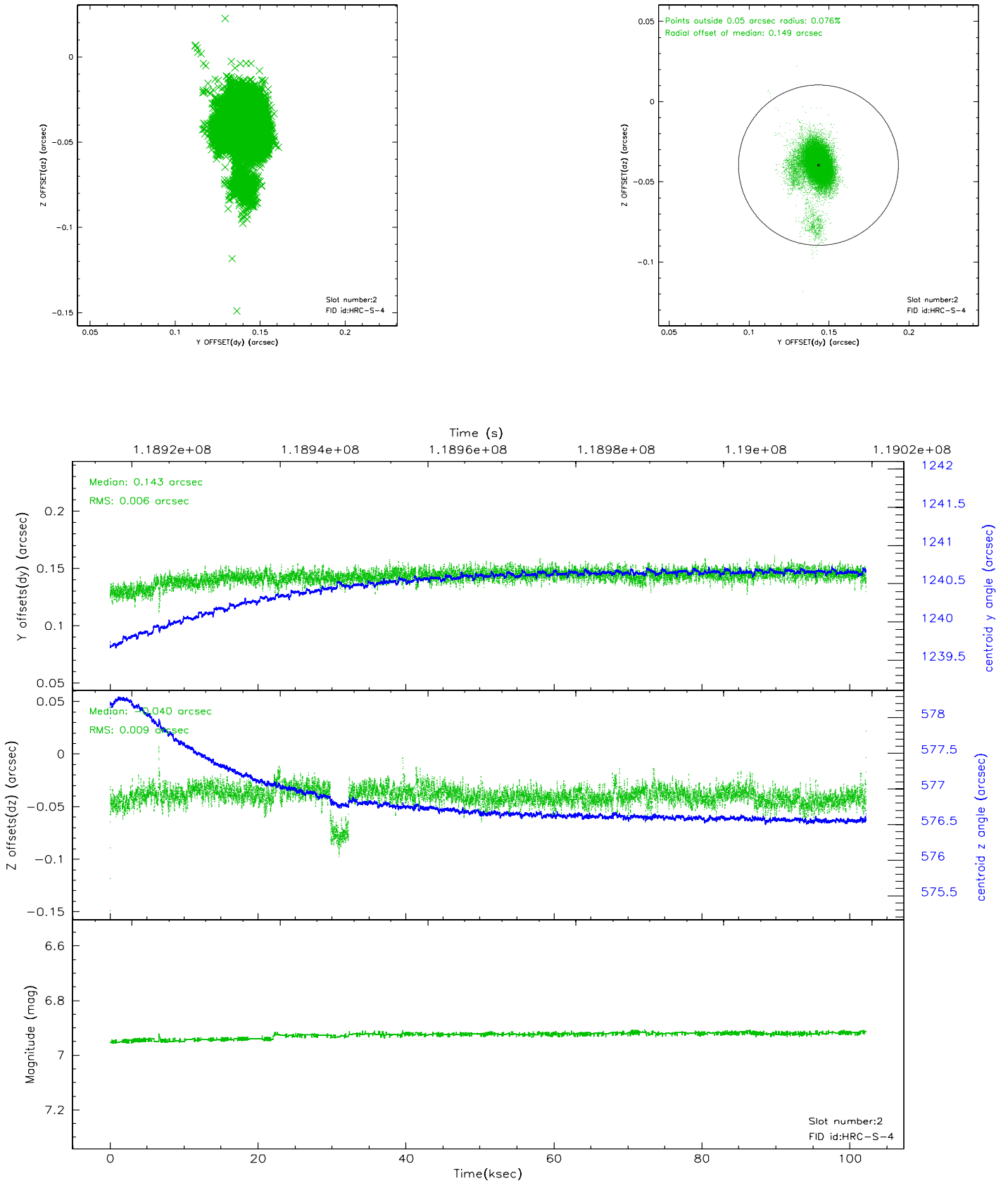
2.5.1 Slot 0



2.5.2 Slot 1

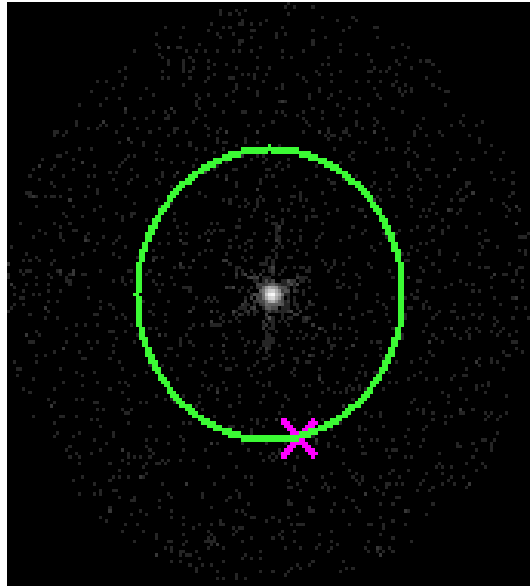


2.5.3 Slot 2

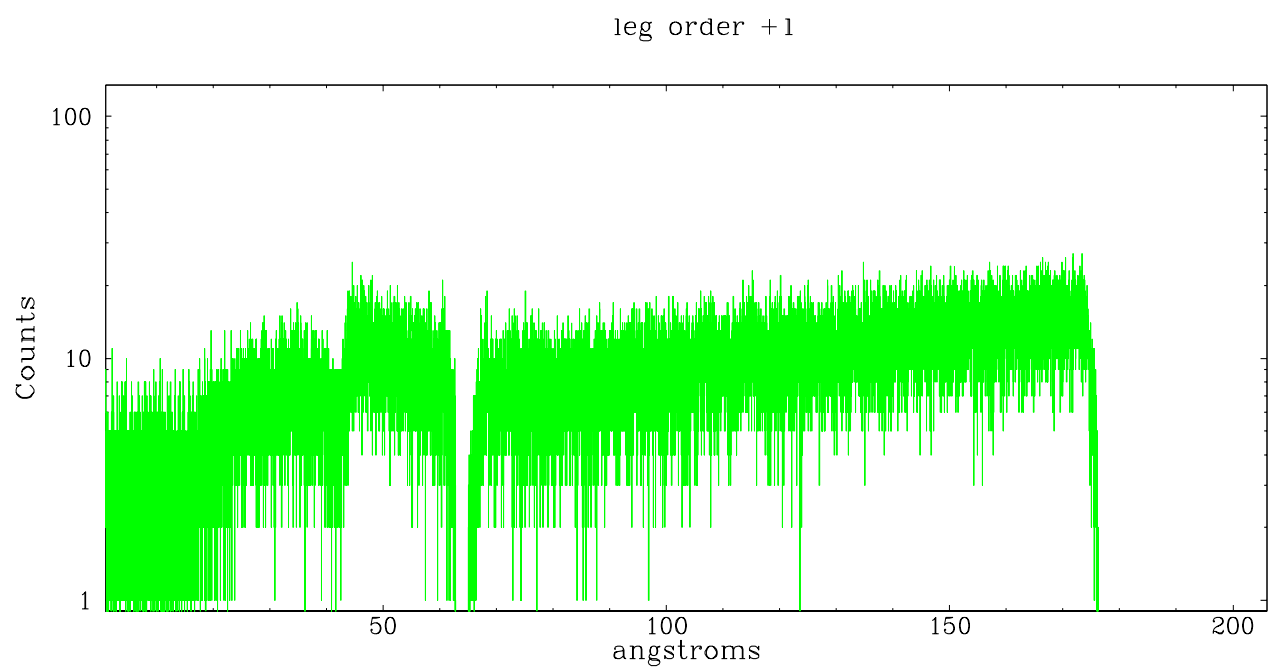
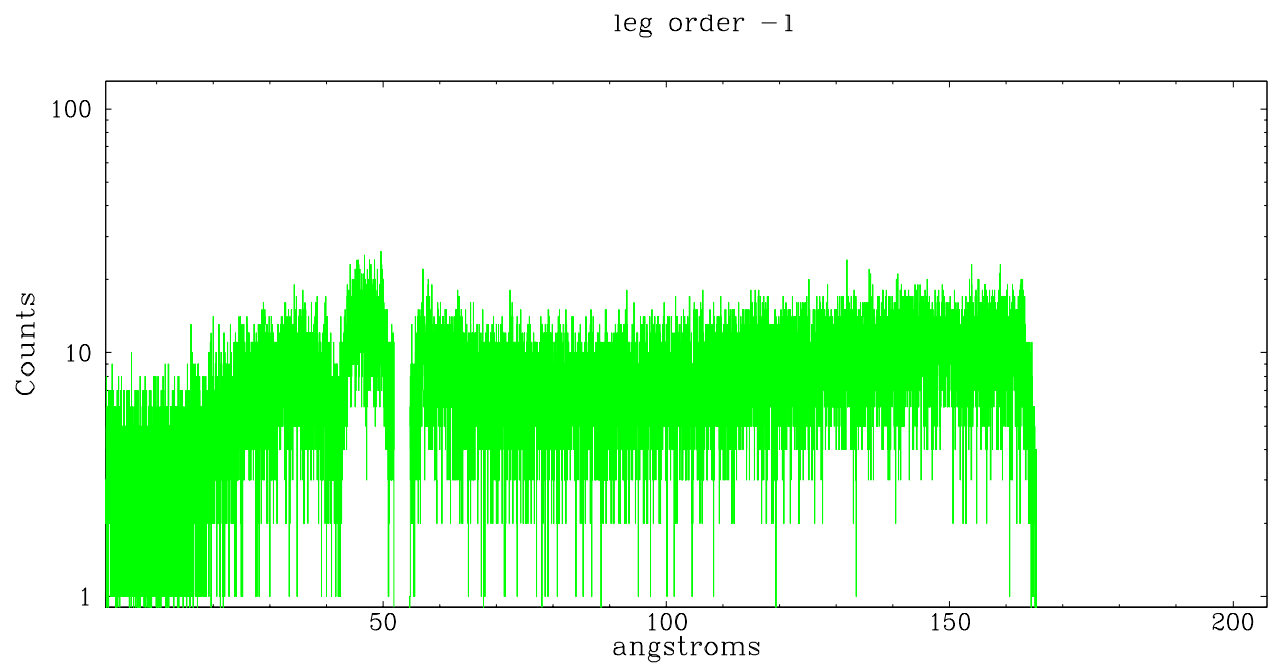


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	101.926

A.2 Comments

Large variations in count rate during this observation are likely the result of a high radiation environment. Target centered at
ra=18:56:35.6,
dec=-37:54:36.3.