

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2480 - L2 Version 001
Chandra X-Ray Center

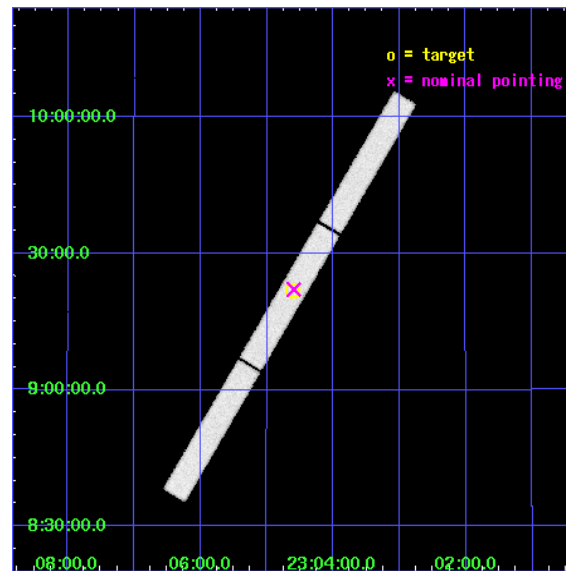
L2 Processing Date : Dec 11 2006

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1 Front

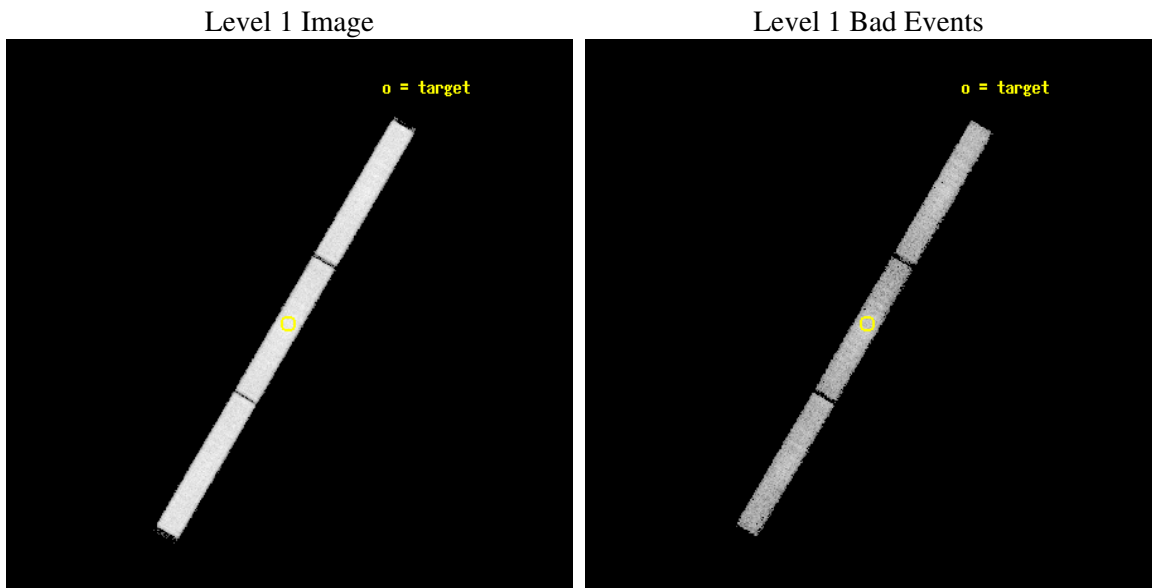
seq_num	100008
obs_id	2480
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	346.15039
dec_targ	9.36423
ra_nom	346.14804351537
dec_nom	9.3690198601735
roll_nom	120.46516832065
revision	2
ontime	2401.8313439488
livedtime	2385.1979253944
l2events	141289



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	2006-12-12T00:46:11
revision	2

sched_exp_time	2250.000000
ontime	2453.8500959724
l1events	244070

2.1.3 Events

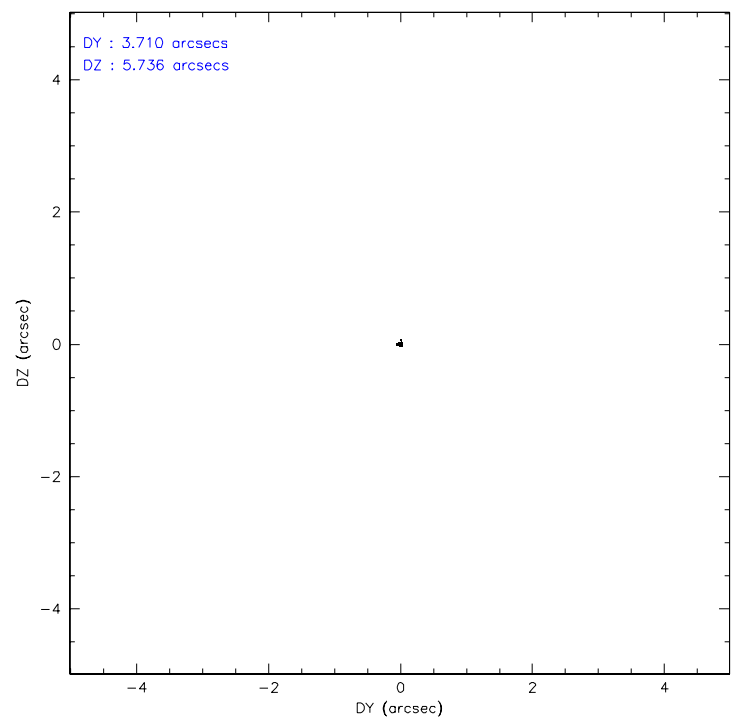
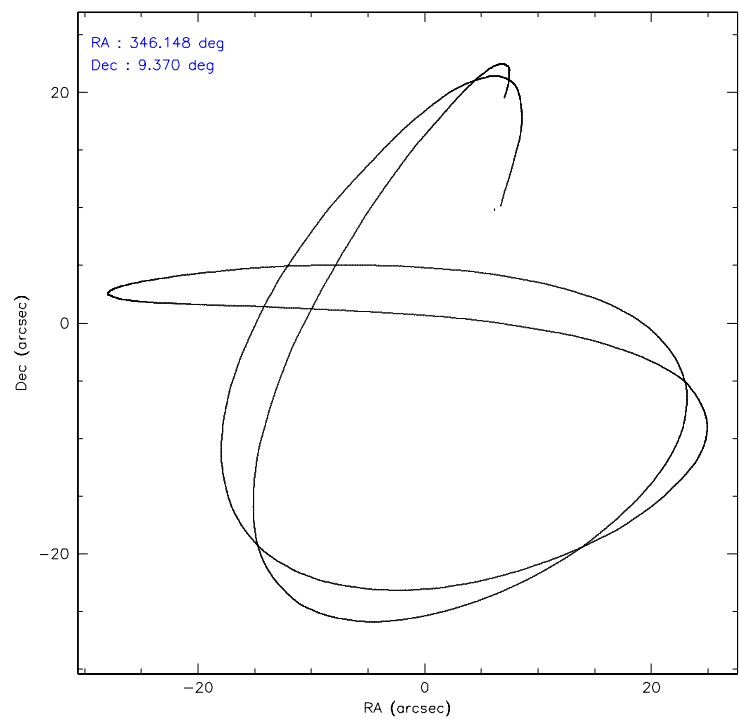
Level 1 Events

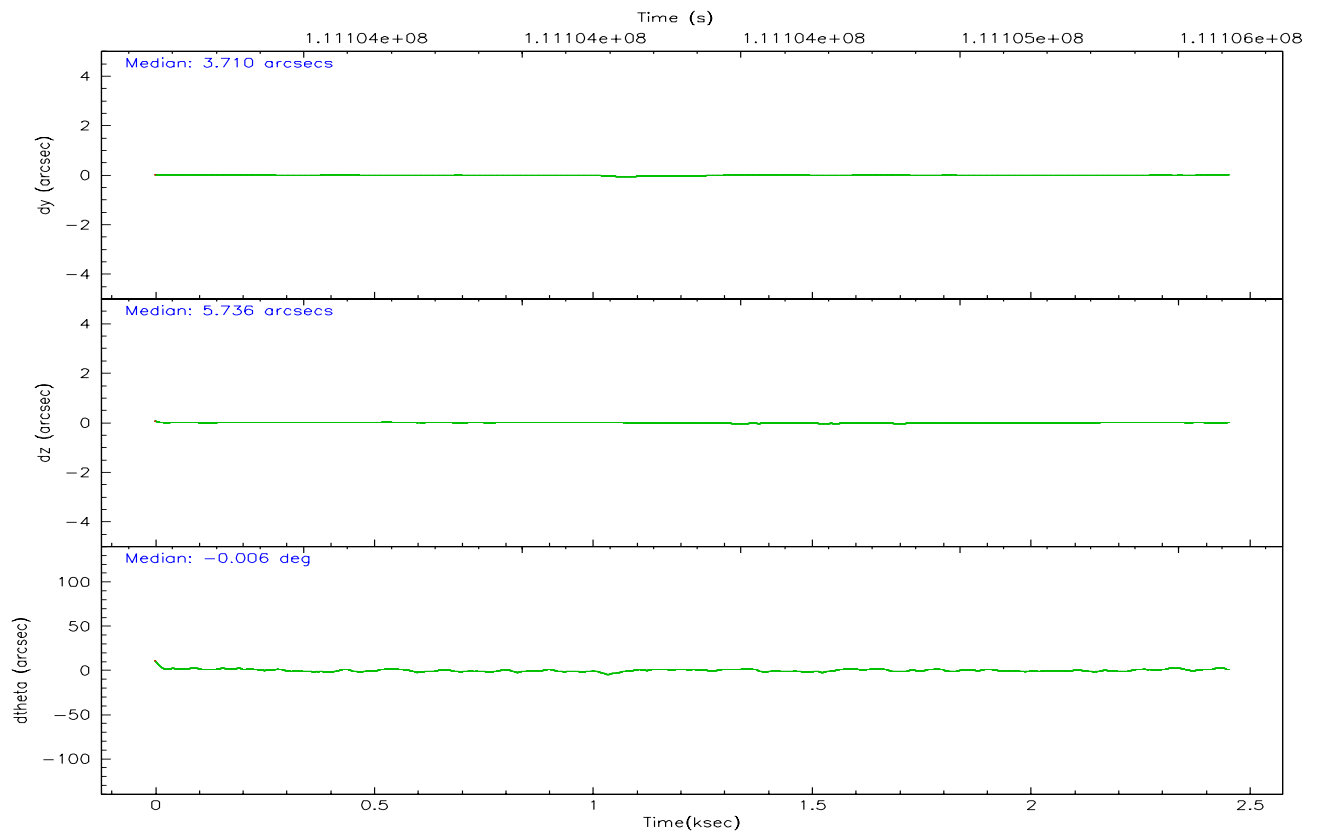
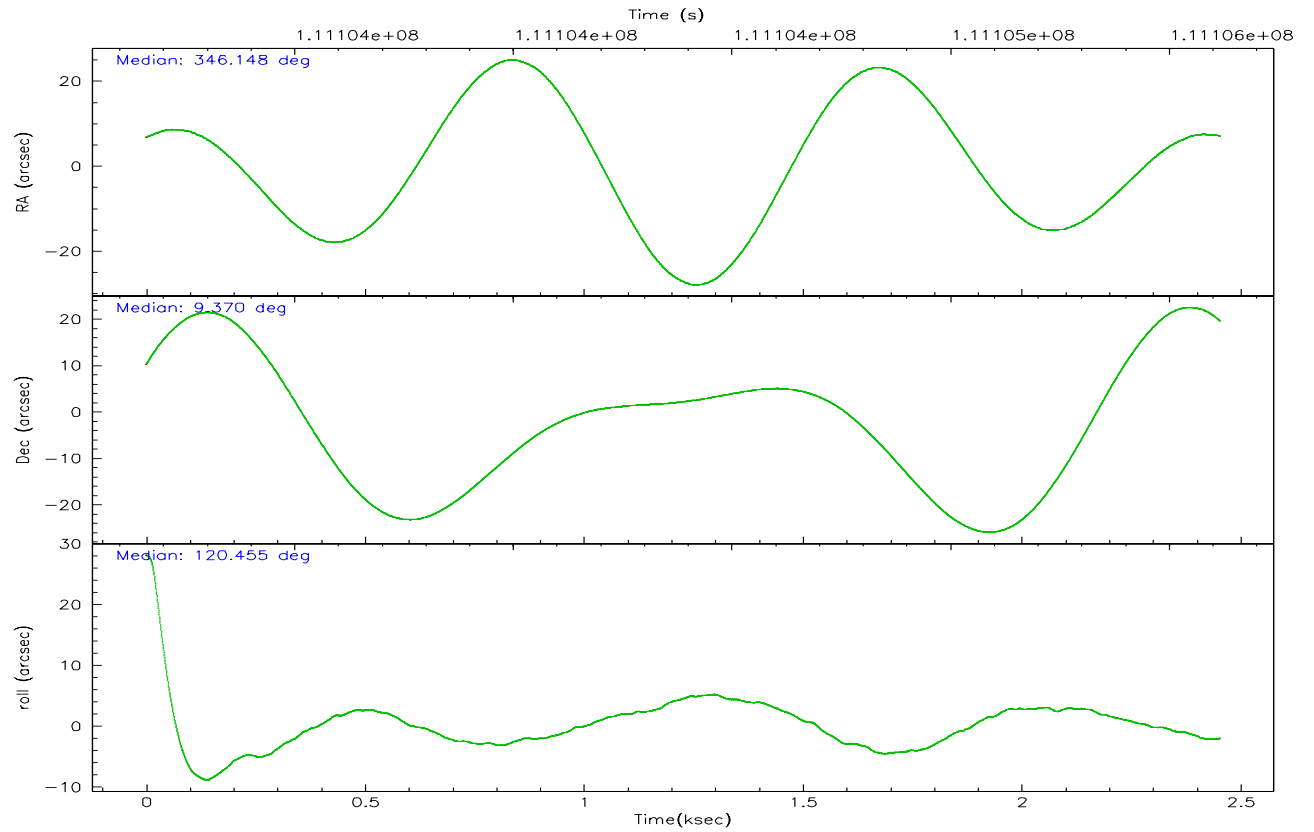
	segment 1	segment 2	segment 3
level 1 events	81634	79835	82601
rejected events	26612	27197	30384
rejected %	32%	34%	36%

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	346.173998	346.1480435153653			
Pointing Dec	9.355476	9.369019860173546			
Pointing Roll	120.393405	120.4651683206529			
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	111103362.184000	111102985.73678			
Observation start date	2001-07-09T22:01:38	2001-07-09T21:56:25			
Observation end time	111105612.184000	111105746.06188			
Observation end date	2001-07-09T22:39:08	2001-07-09T22:42:26			

2.3 Aspect



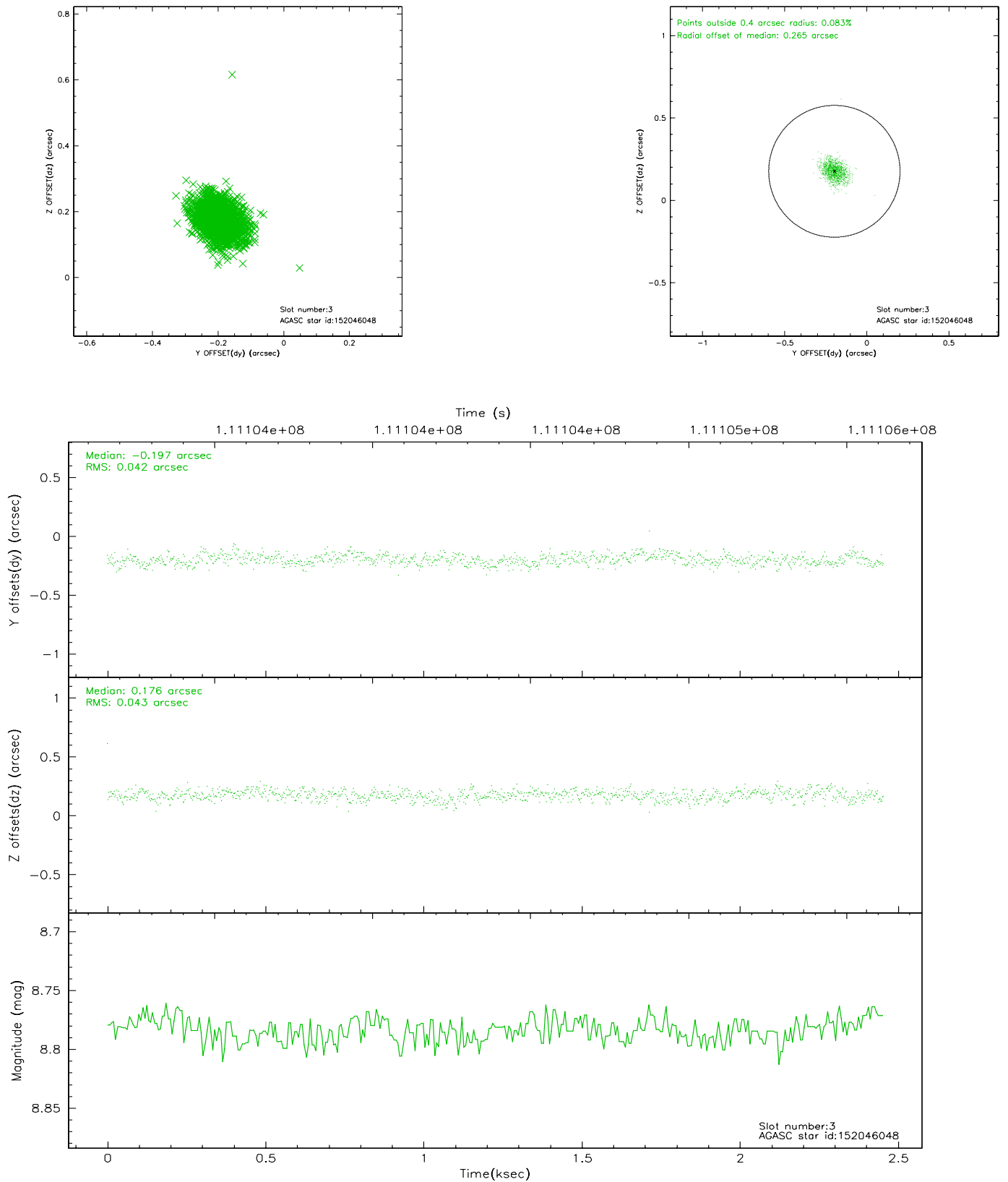


Slot Statistics

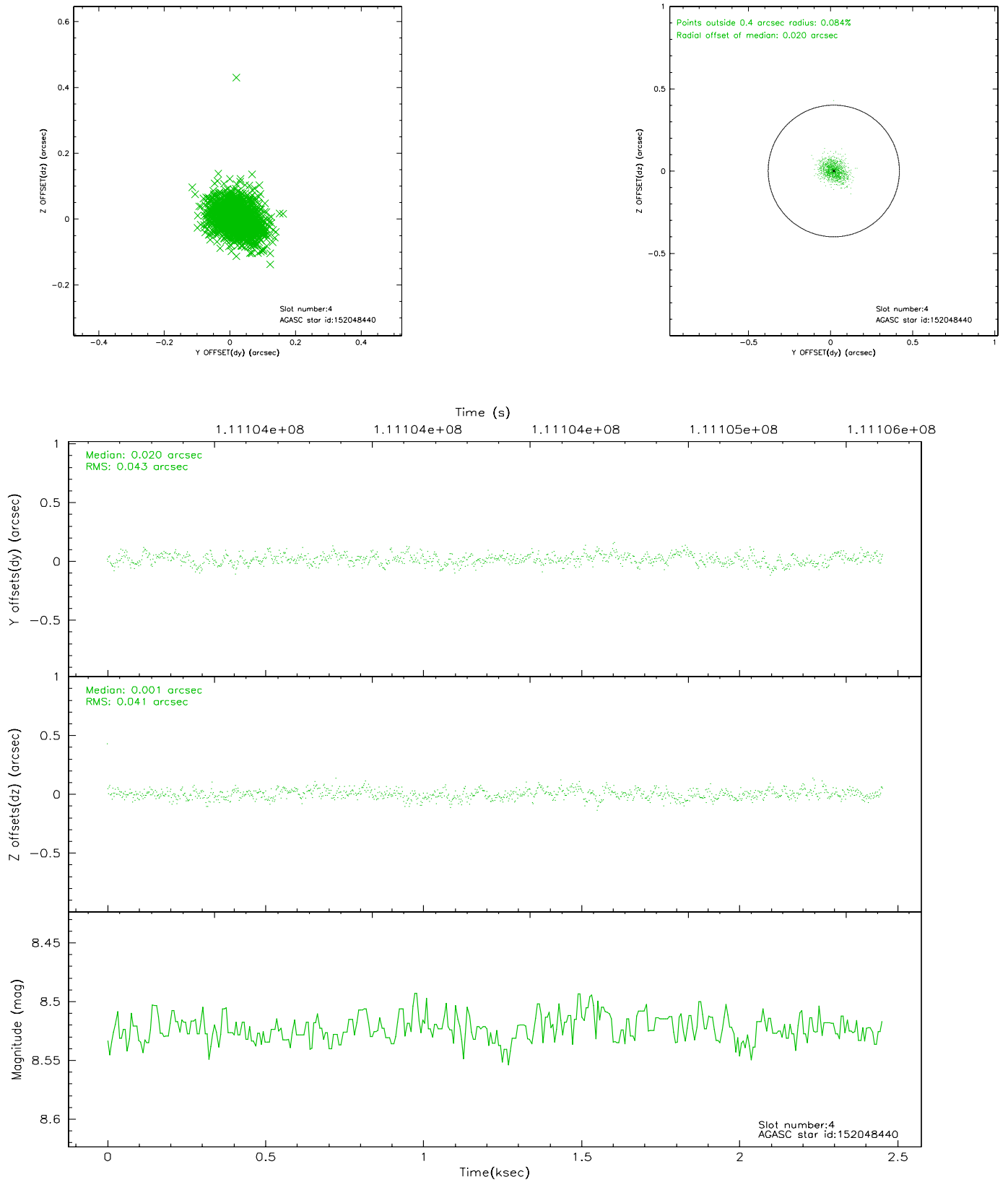
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	599	0.123	-0.149	0.010	0.022	0.000000	0.000000	-1157.76	-454.32
1	FID	HRC-S-3	7.00	599	0.172	-0.050	0.009	0.022	0.000000	0.000000	-1162.41	574.55
2	FID	HRC-S-4	6.92	599	0.092	-0.097	0.007	0.014	0.000000	0.000000	1238.49	578.87
3	GUIDE	152046048	8.78	1198	-0.197	0.176	0.063	0.100	346.265854	9.604114	605.93	-731.94
4	GUIDE	152048440	8.52	1197	0.020	0.001	0.062	0.100	346.200519	9.070077	-934.65	439.61
5	GUIDE	152051496	8.89	1198	0.060	-0.137	0.099	0.158	345.877098	8.806843	-1171.19	1912.06
6	GUIDE	152055208	9.18	1198	0.092	-0.311	0.116	0.181	345.804159	8.661169	-1492.08	2402.57
7	GUIDE	152046384	9.41	1195	0.014	0.274	0.082	0.133	346.457953	9.242143	-864.31	-660.06

2.4 Star Slots

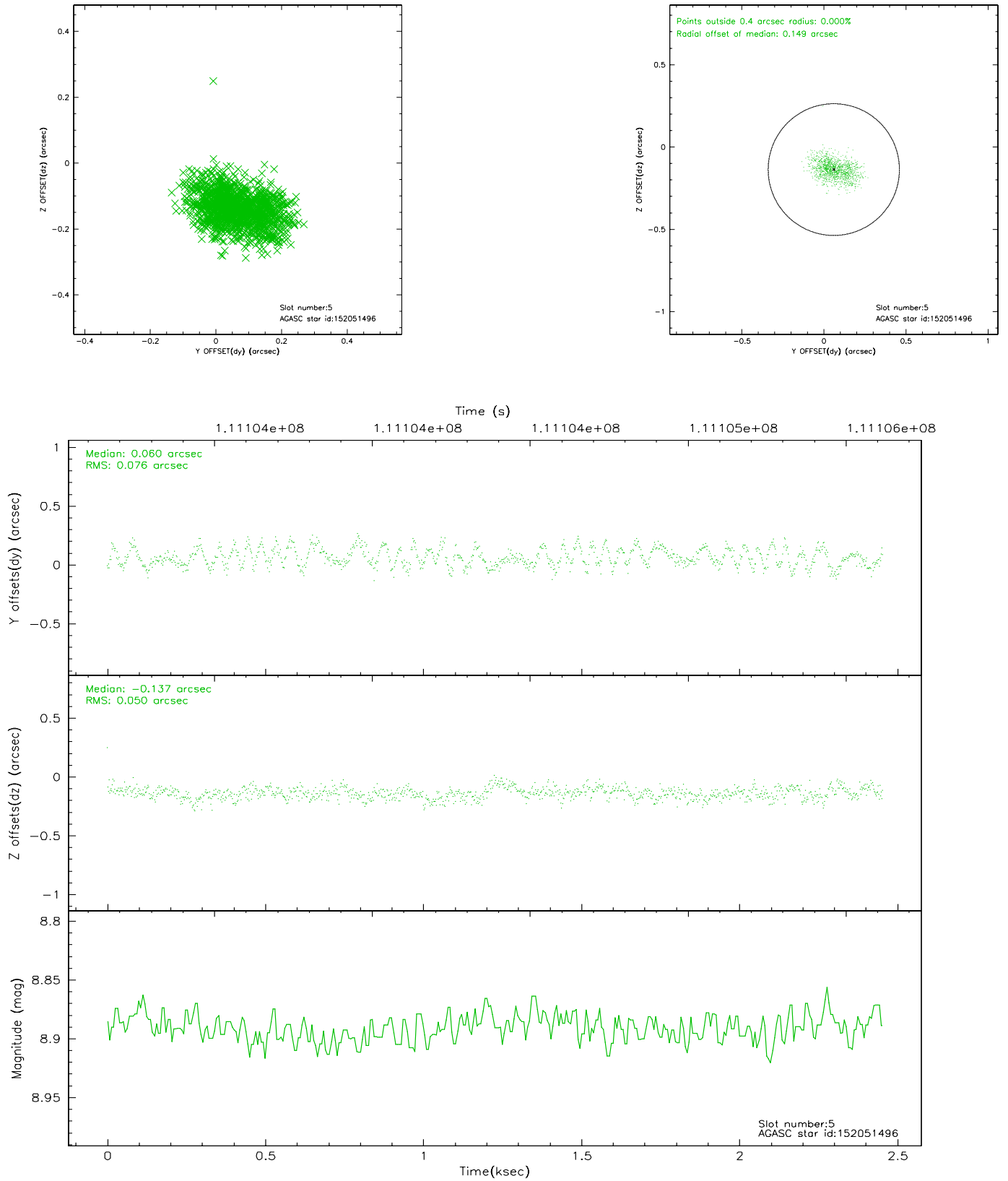
2.4.1 Slot 3



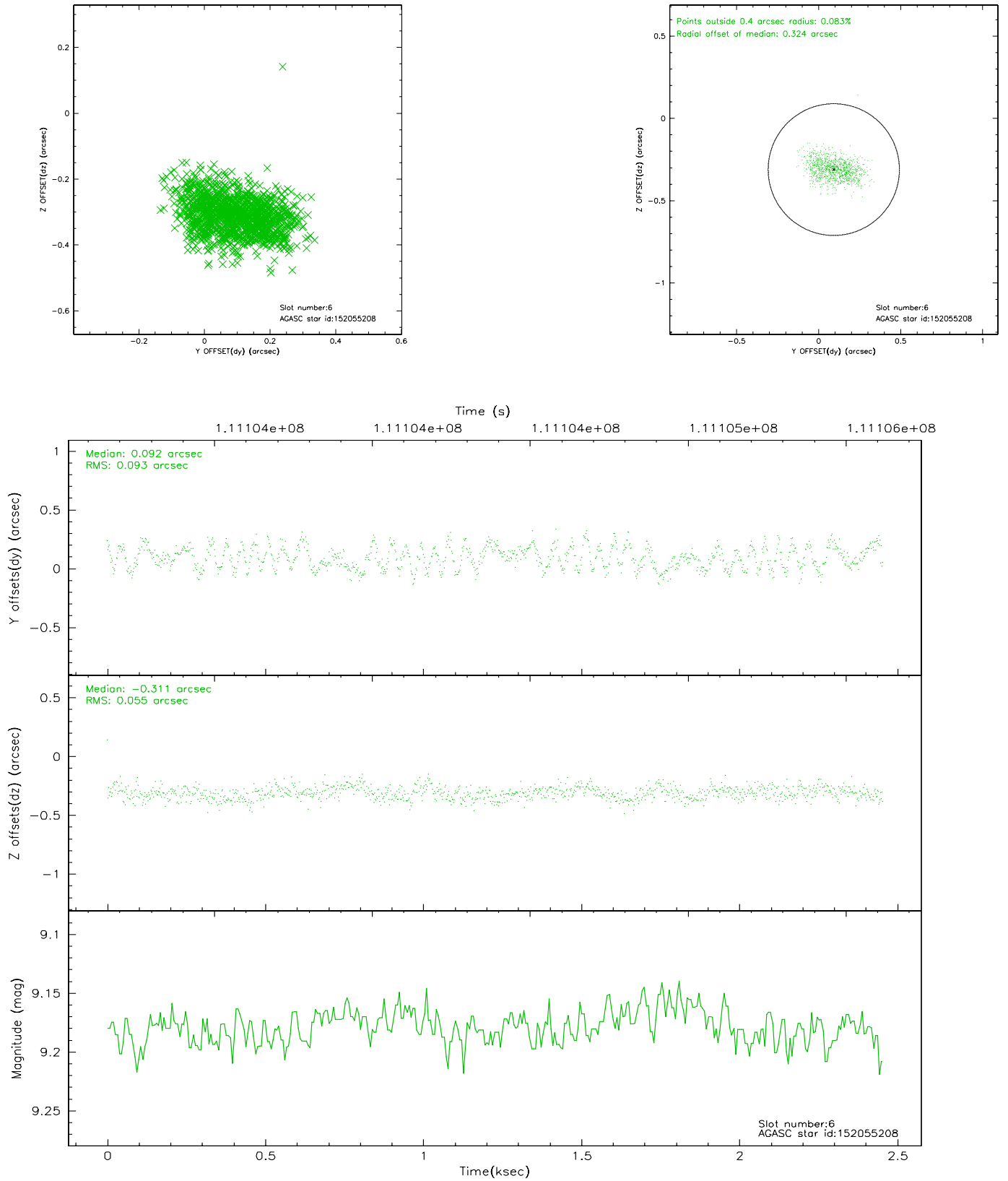
2.4.2 Slot 4



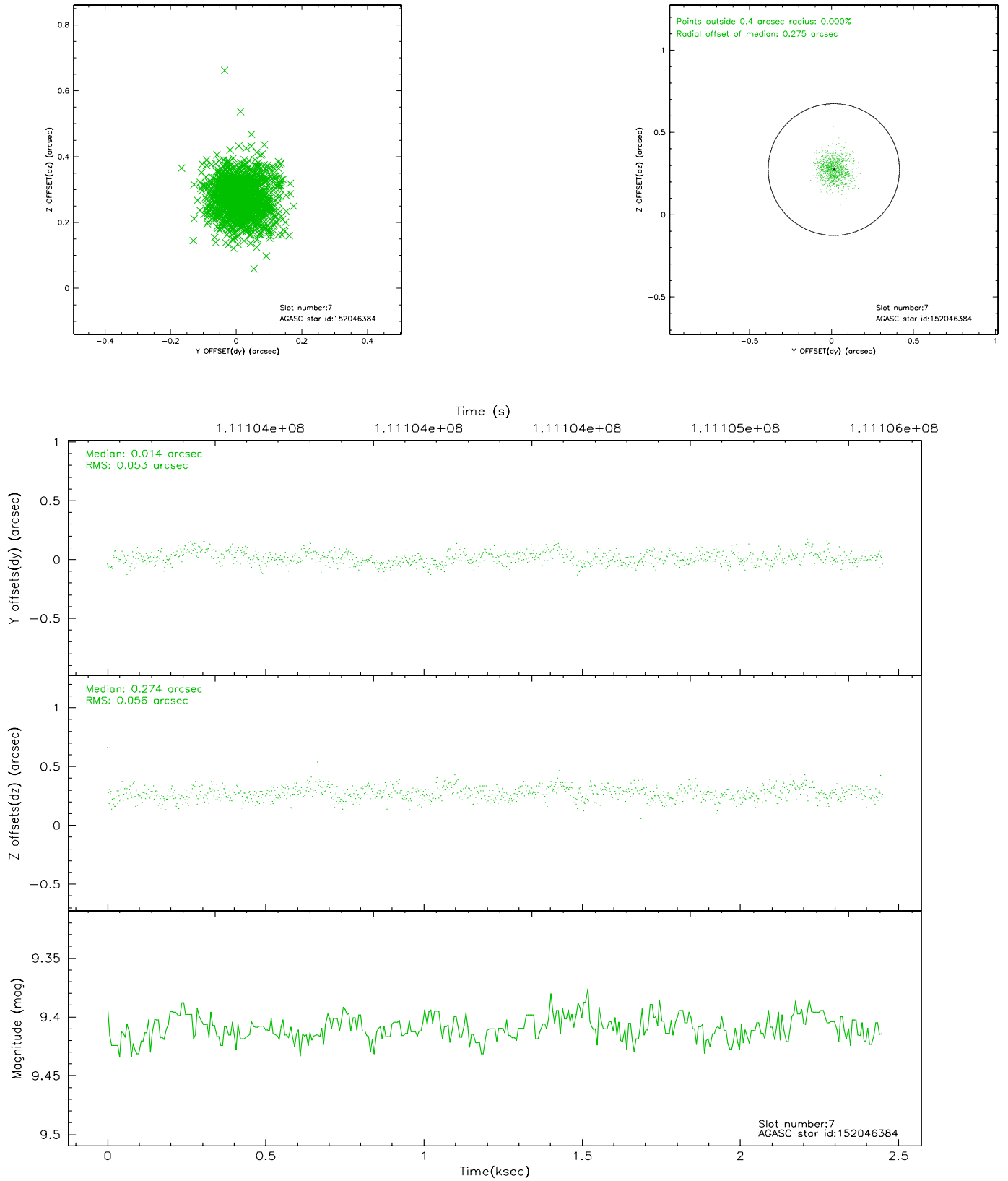
2.4.3 Slot 5



2.4.4 Slot 6

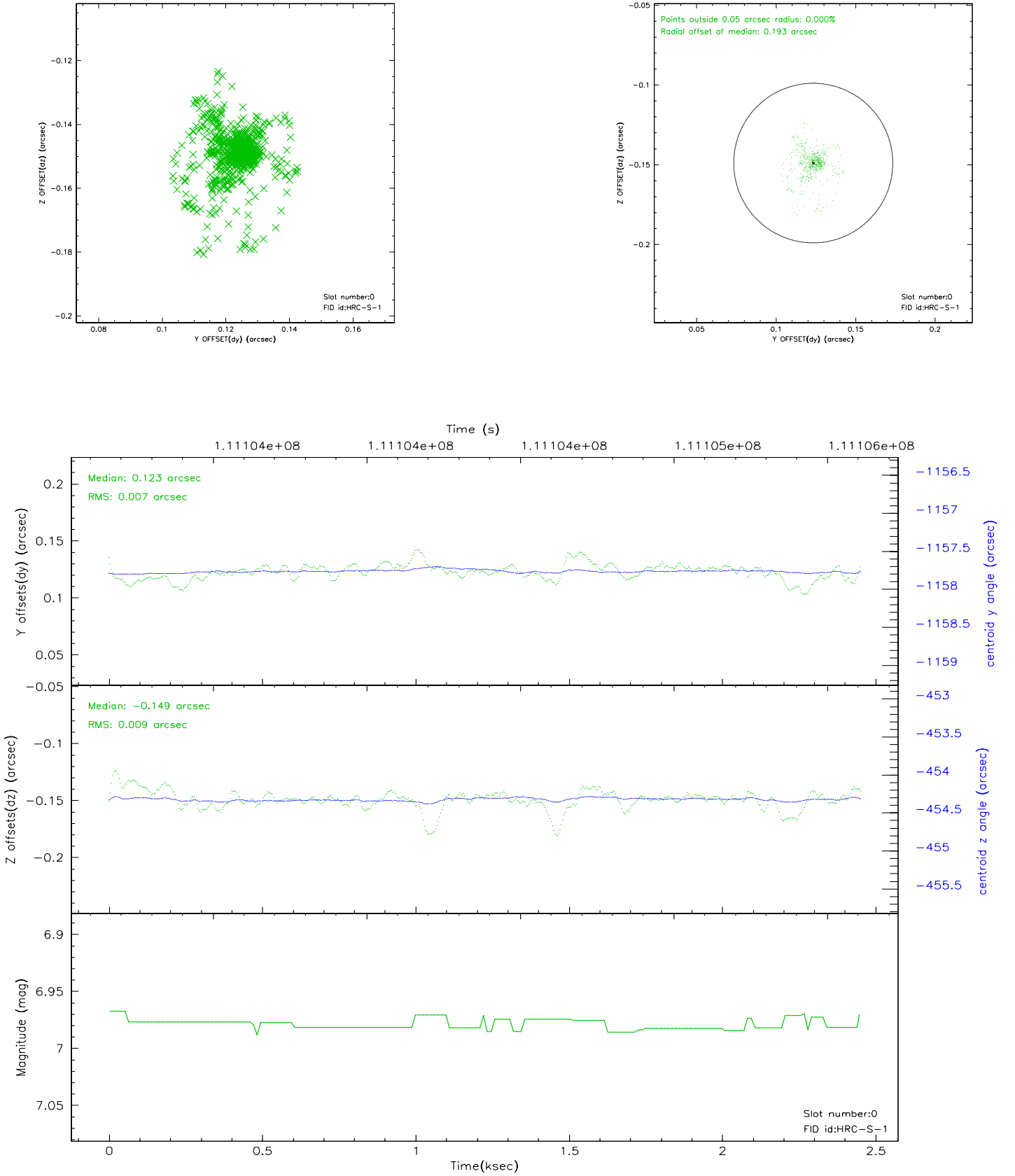


2.4.5 Slot 7

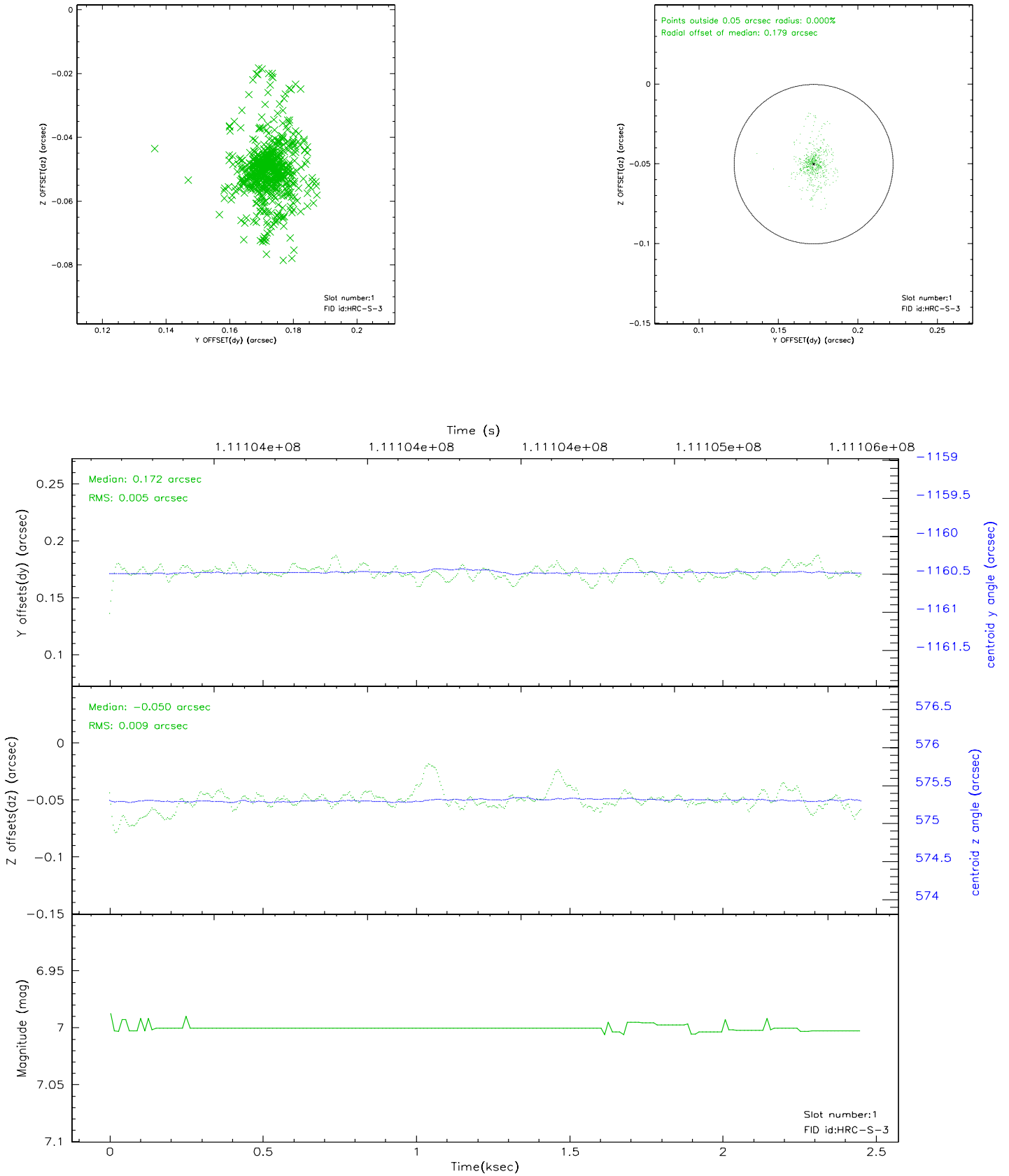


2.5 FID Slots

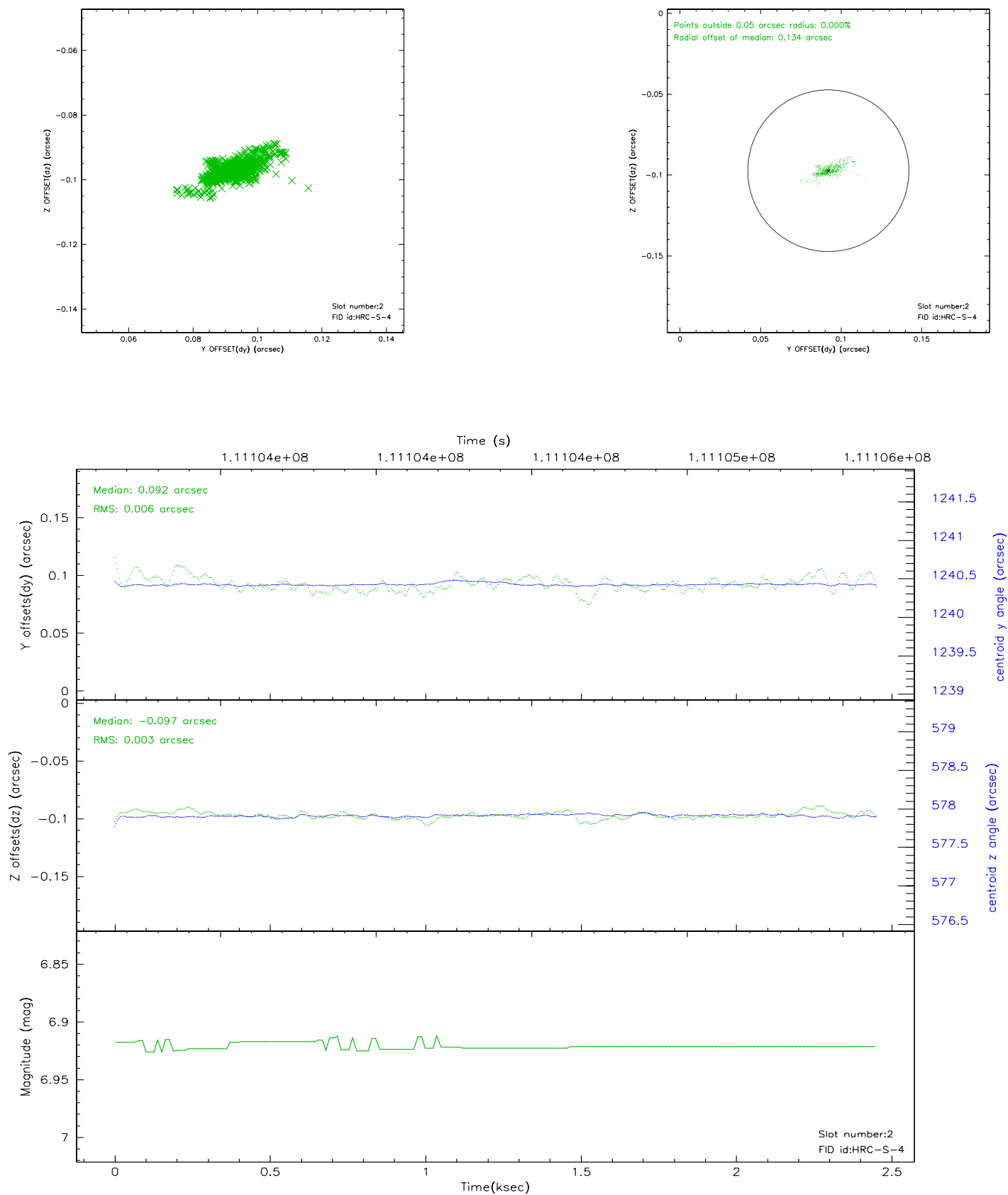
2.5.1 Slot 0



2.5.2 Slot 1

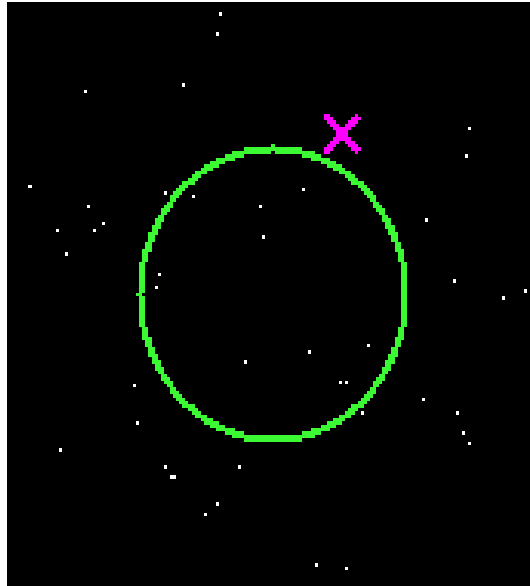


2.5.3 Slot 2

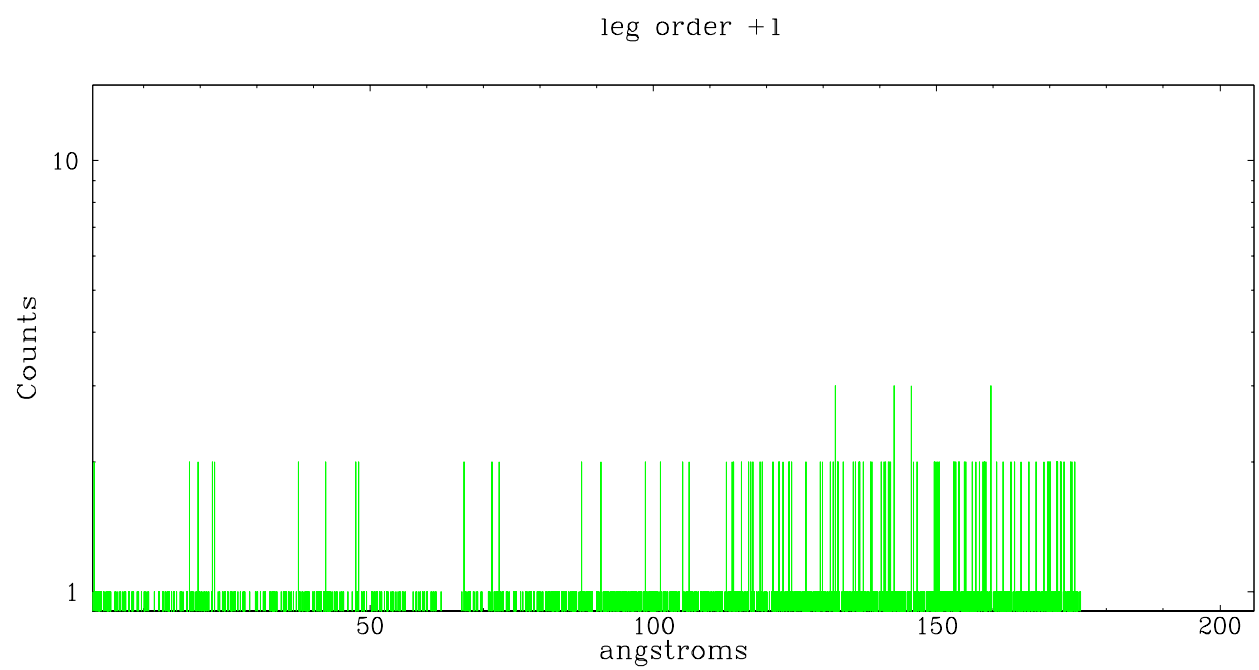
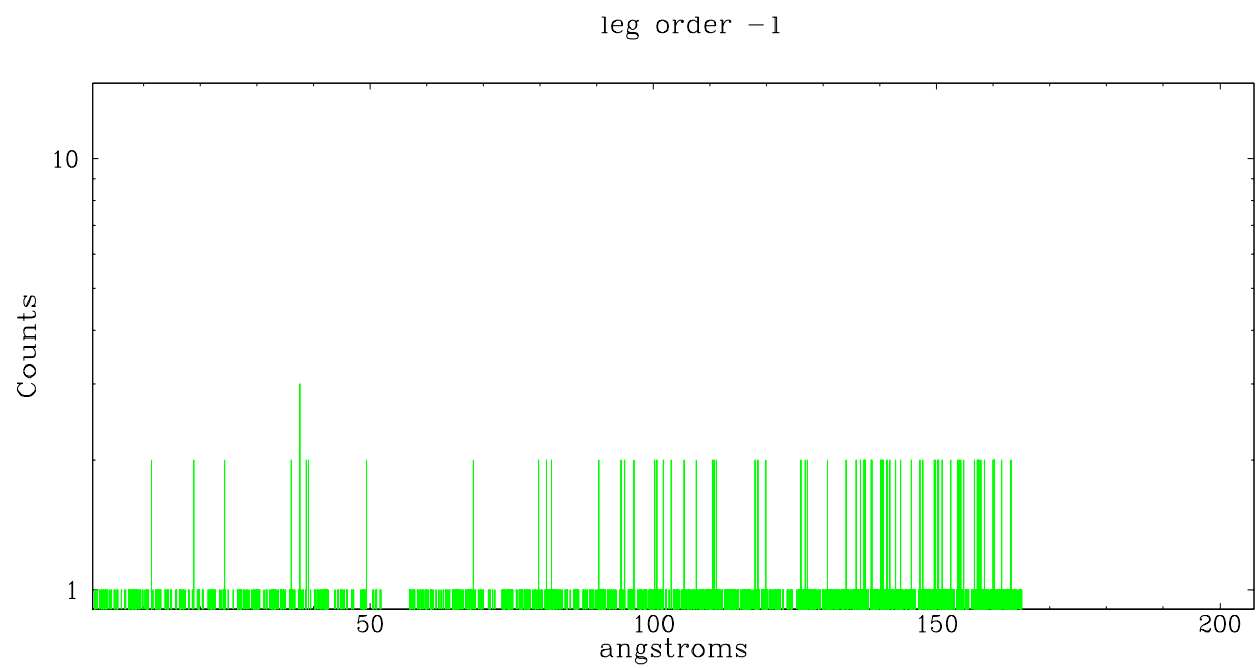


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.446

A.2 Comments

Monitor constraint met.

Tgdetect found no sources, 0th order position defaulted to ra_targ, dec_targ.

Users should run sso_freeze or the equivalent on the suite of comet observations before rerunning tgdetect.