

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1594 - L2 Version 001
Chandra X-Ray Center

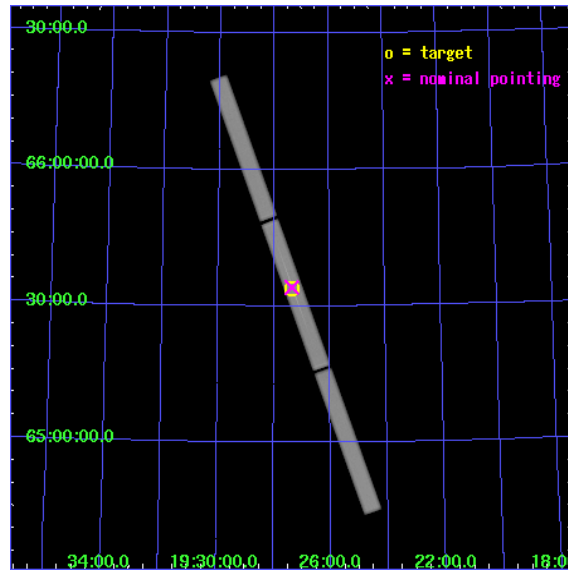
L2 Processing Date : Nov 16 2006

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1 Front

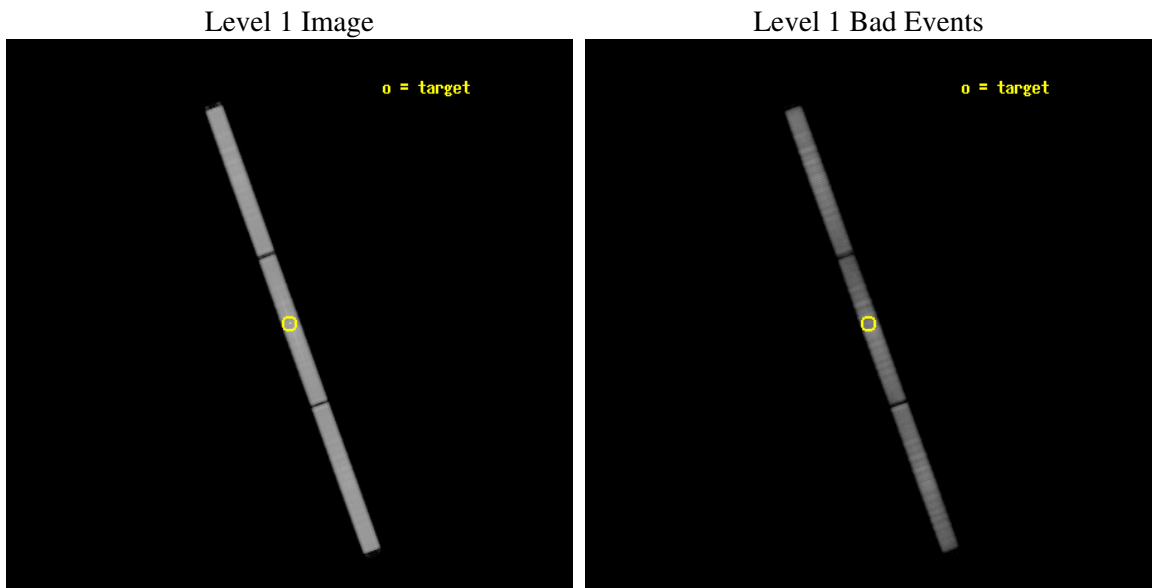
seq_num	700210
obs_id	1594
title	SEARCH FOR AN IONIZED ACCRETION DISK IN THE AGN 1ES1927+654
observer	Dr. Peter Predehl
object	1ES1927+654
ra_targ	291.834167
dec_targ	65.564222
ra_nom	291.83852755264
dec_nom	65.56865189905
roll_nom	70.006716703655
revision	3
ontime	63483.633707374
livetime	63135.423181559
l2events	2439950



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	2006-11-15T22:59:19
revision	3

sched_exp_time	63500.000000
ontime	63563.327460453
l1events	3896083

2.1.3 Events

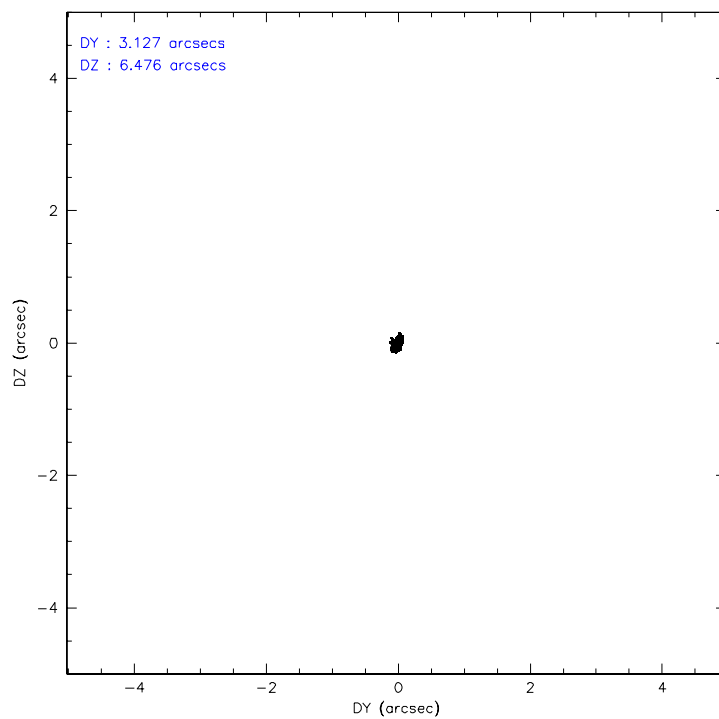
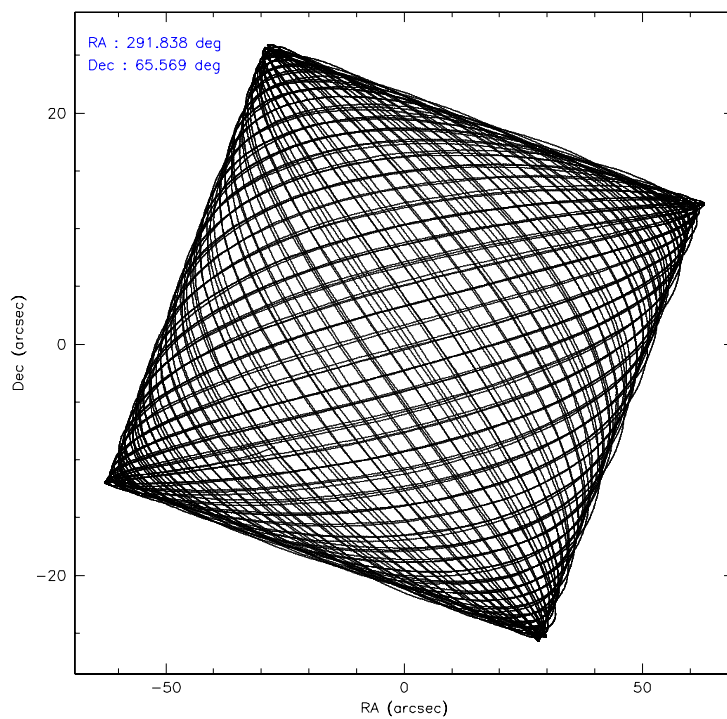
Level 1 Events

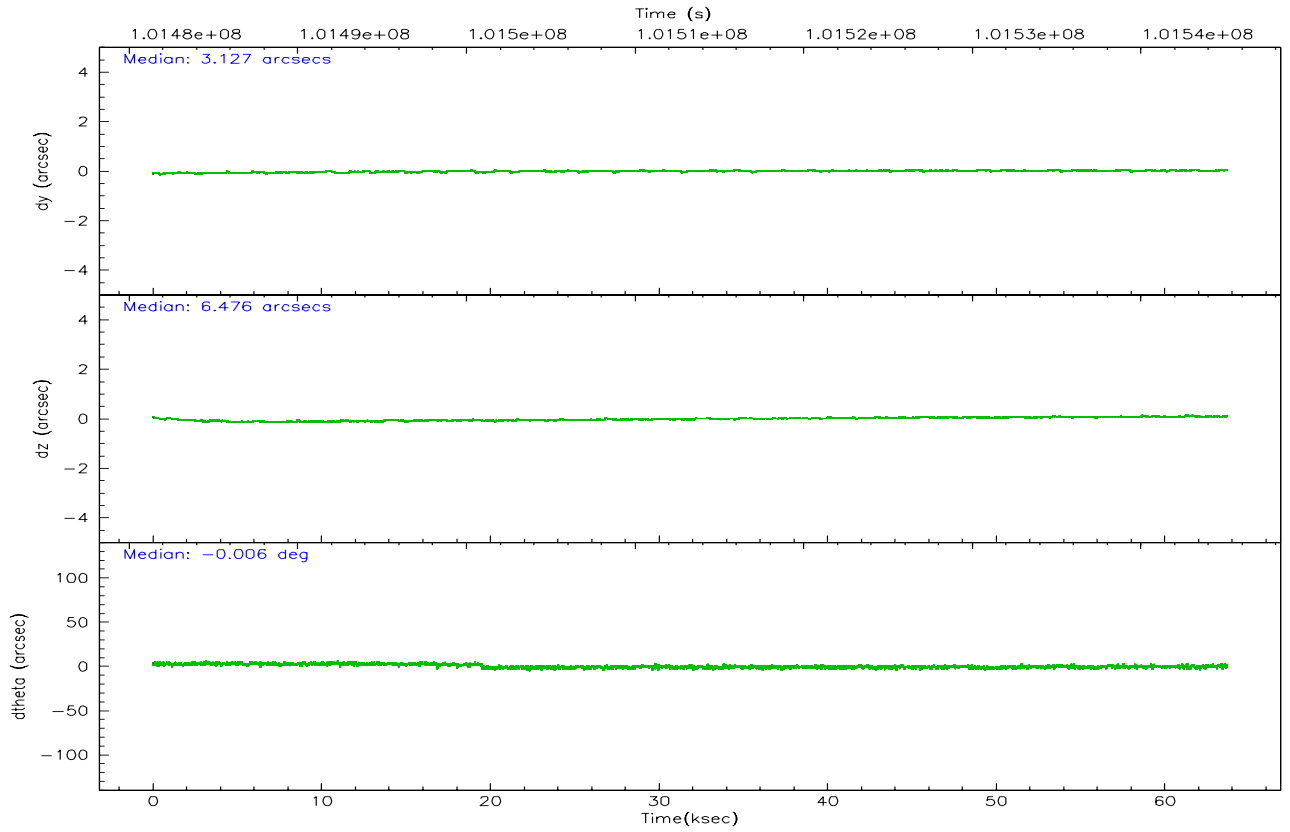
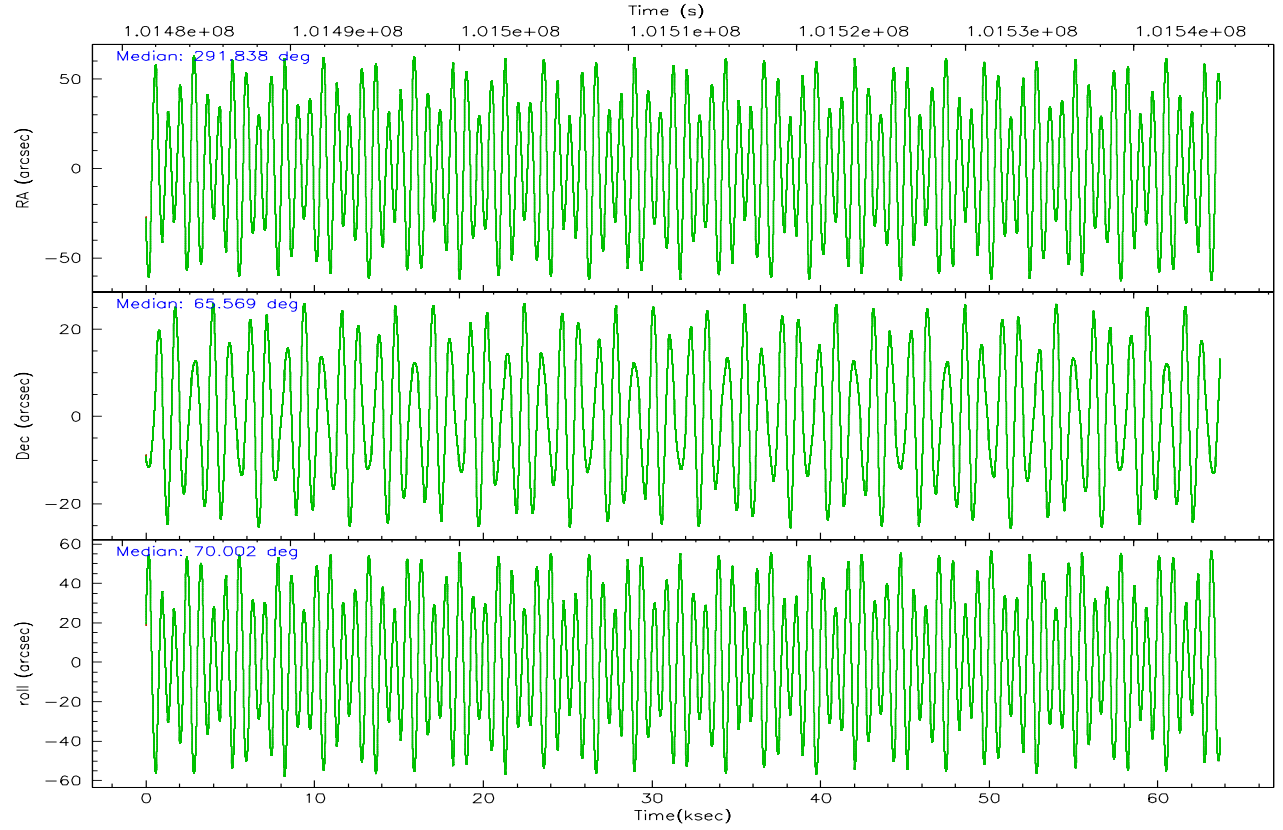
	segment 1	segment 2	segment 3
level 1 events	1296733	1291918	1307432
rejected events	335077	357554	401449
rejected %	25%	27%	30%

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	291.853691	291.8385275526419			
Pointing Dec	65.540697	65.56865189905039			
Pointing Roll	69.925579	70.00671670365531			
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	101481608.184000	101481028.48769			
Observation start date	2001-03-20T13:19:04	2001-03-20T13:10:28			
Observation end time	101545108.184000	101546295.87772			
Observation end date	2001-03-21T06:57:24	2001-03-21T07:18:15			

2.3 Aspect



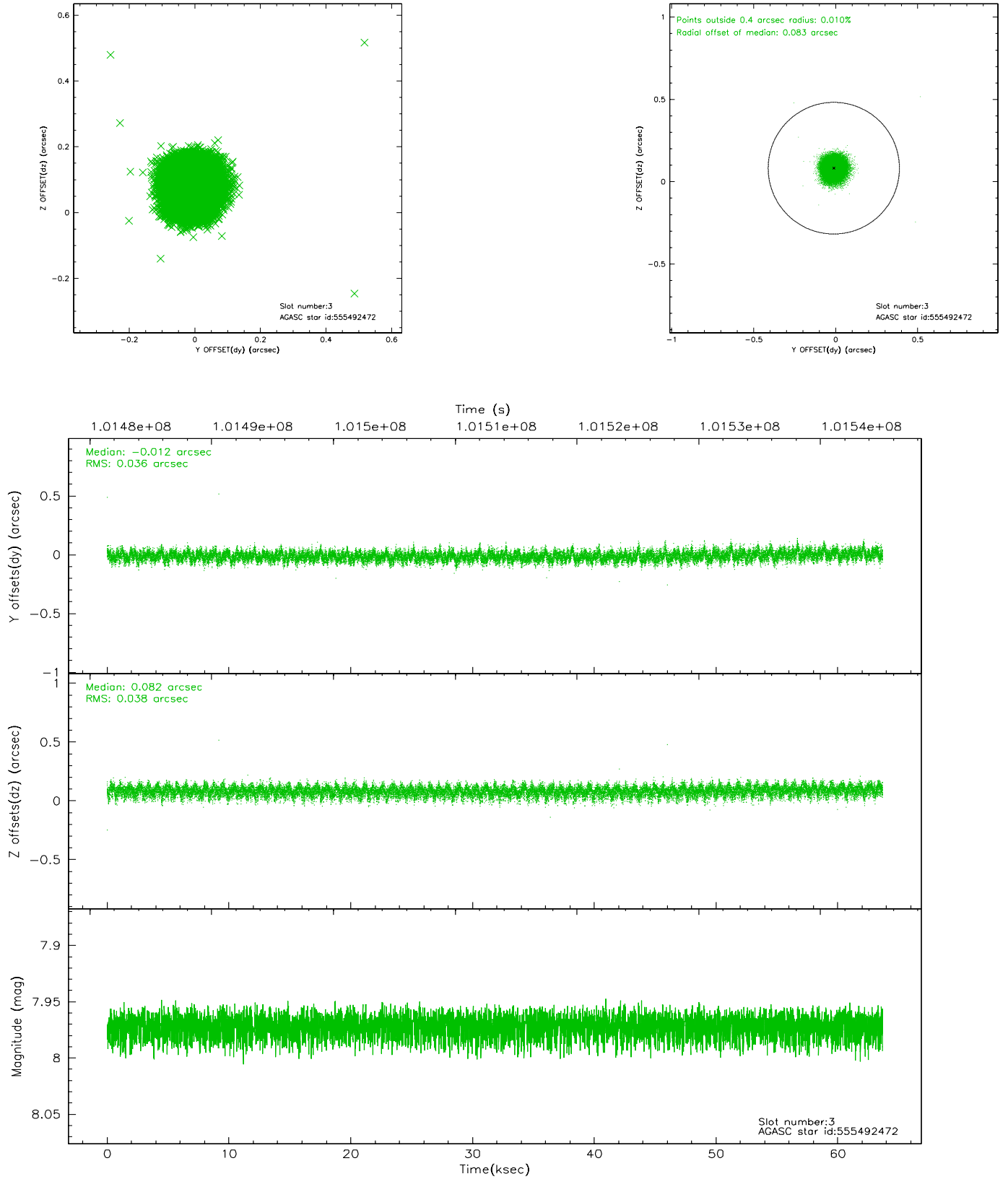


Slot Statistics

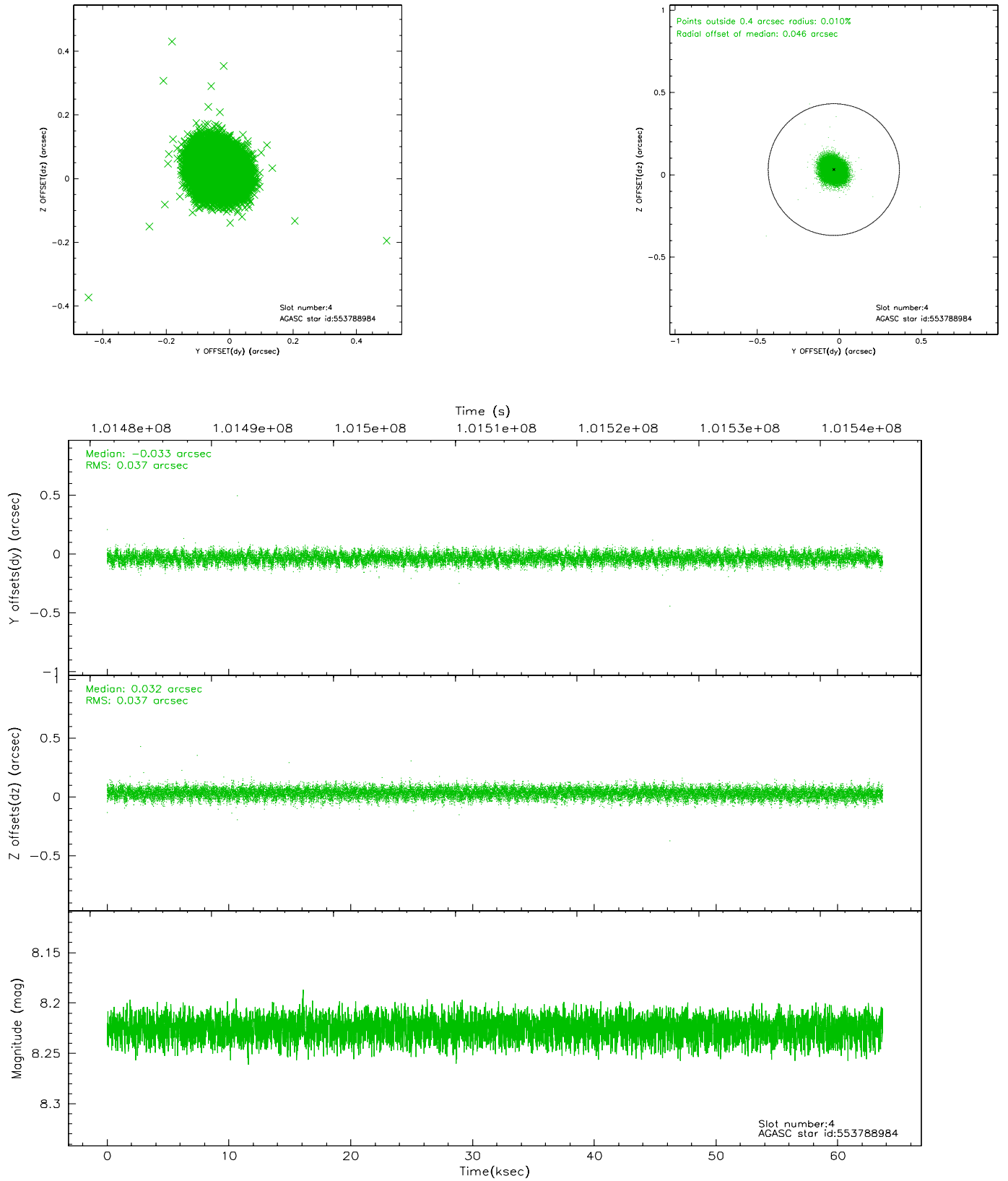
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	15535	0.099	-0.117	0.010	0.017	0.000000	0.000000	-1157.18	-455.04
1	FID	HRC-S-3	7.00	15536	0.153	-0.094	0.011	0.018	0.000000	0.000000	-1159.96	574.48
2	FID	HRC-S-4	6.93	15535	0.137	-0.087	0.007	0.019	0.000000	0.000000	1241.00	577.20
3	GUIDE	555492472	7.97	31068	-0.012	0.082	0.056	0.090	292.278562	64.819574	-2213.22	-1502.00
4	GUIDE	553788984	8.23	31063	-0.033	0.032	0.056	0.090	291.016791	65.603229	-208.56	1248.63
5	GUIDE	554307256	8.49	31067	-0.091	-0.012	0.075	0.115	290.723598	65.792956	293.76	1883.37
6	GUIDE	556015680	8.98	31057	0.067	0.029	0.086	0.137	292.925910	65.942170	1909.94	-977.26
7	GUIDE	556008432	9.23	31059	0.069	-0.127	0.071	0.117	291.935186	65.787668	876.17	191.84

2.4 Star Slots

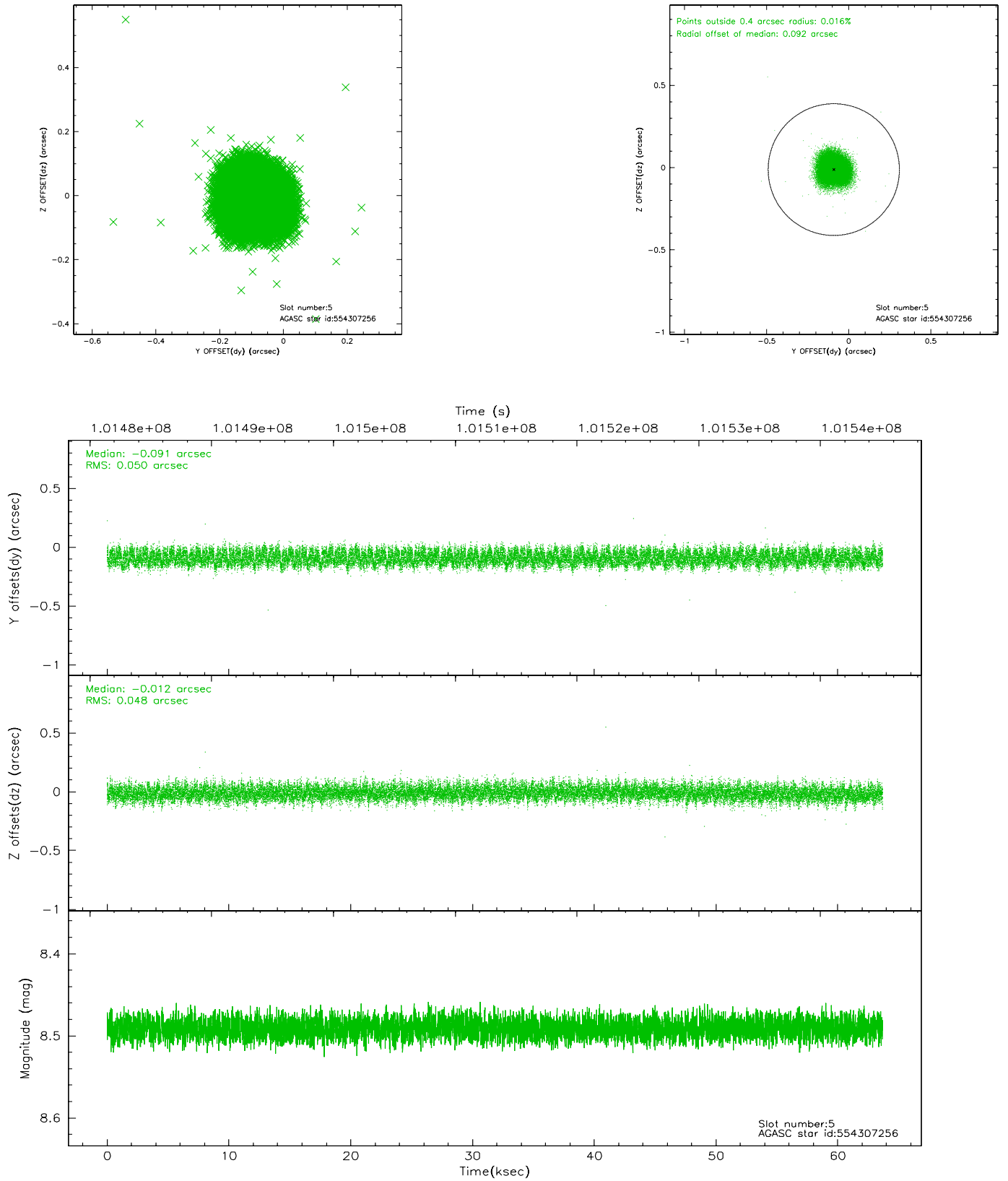
2.4.1 Slot 3



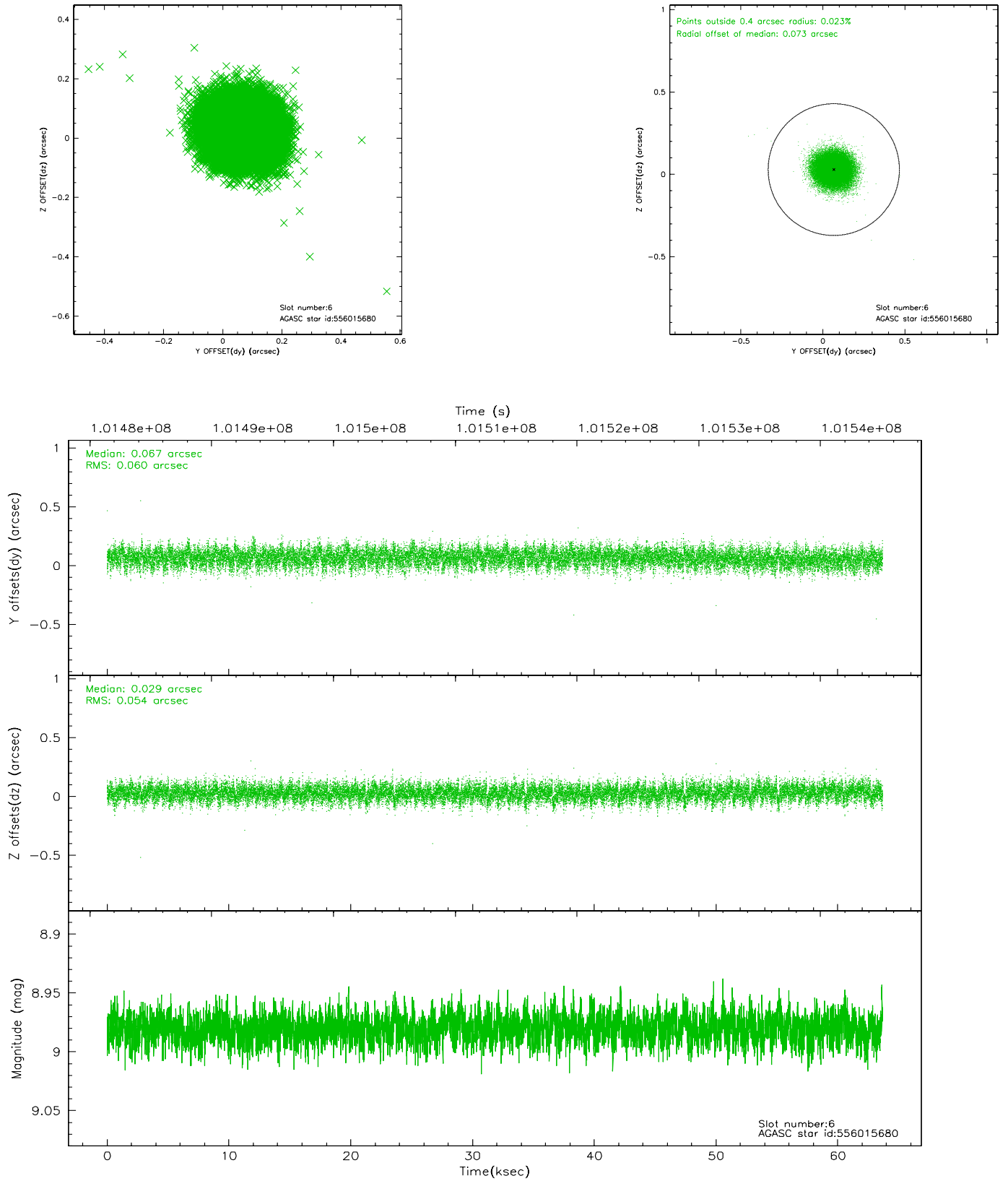
2.4.2 Slot 4



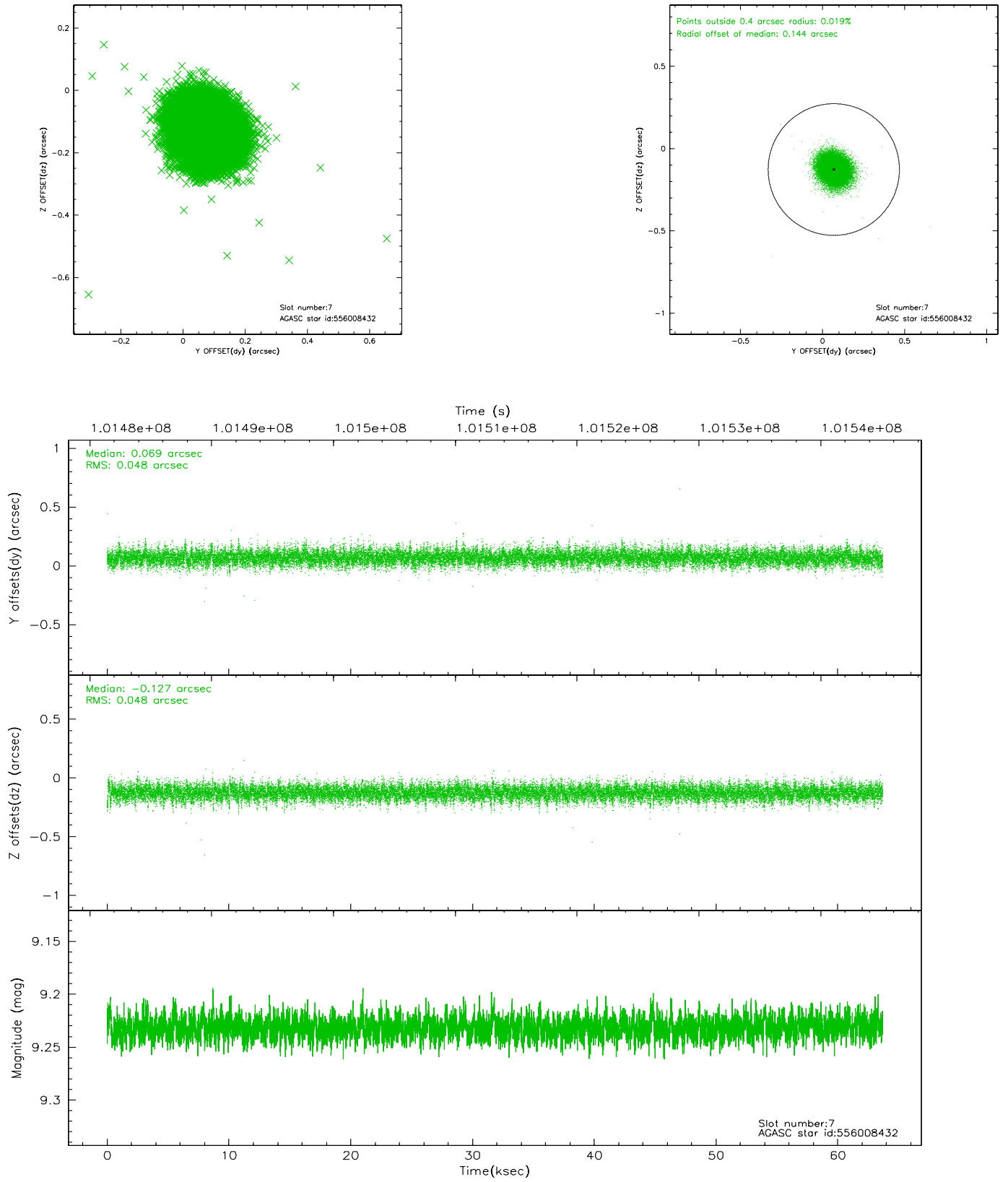
2.4.3 Slot 5



2.4.4 Slot 6

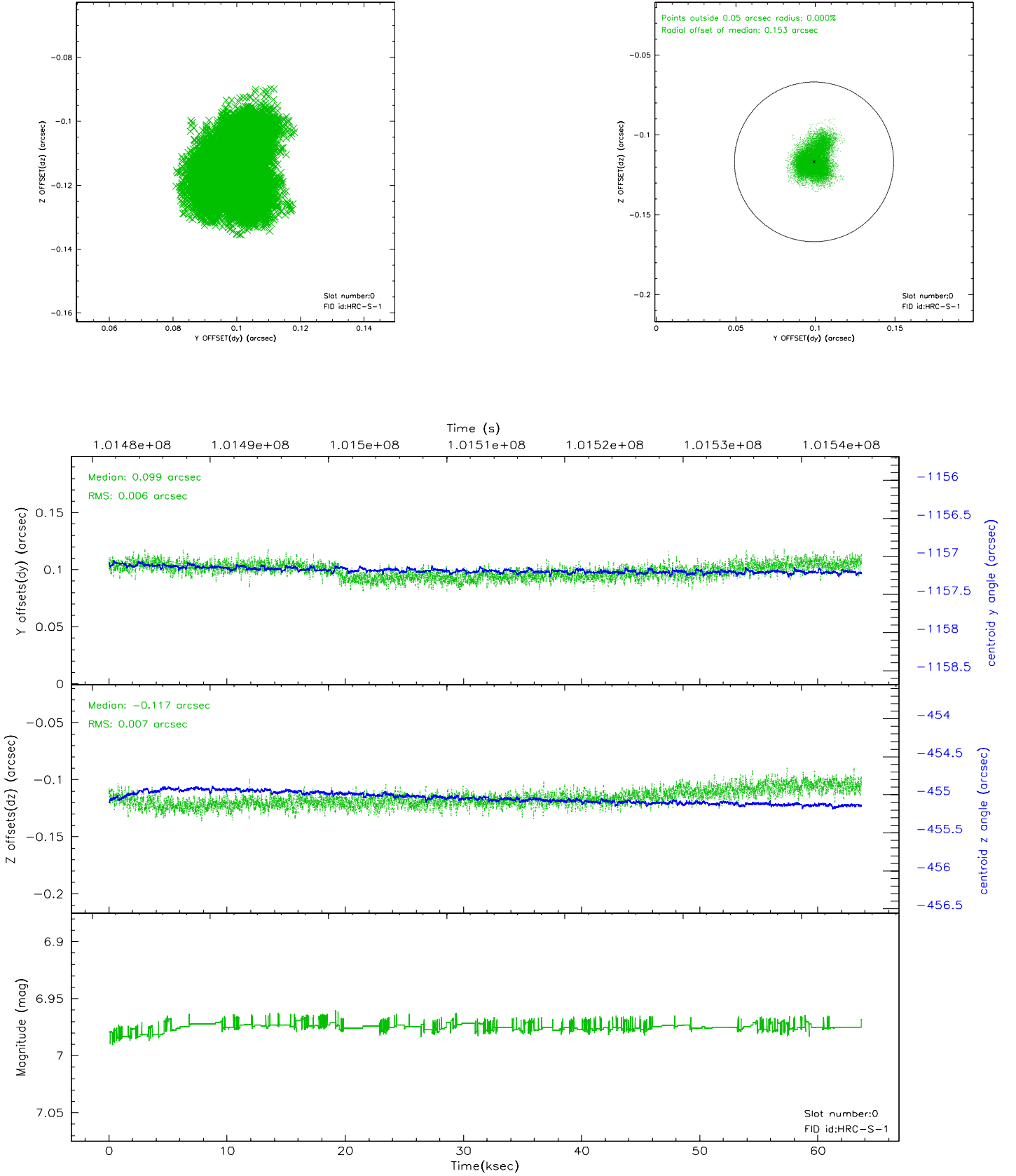


2.4.5 Slot 7

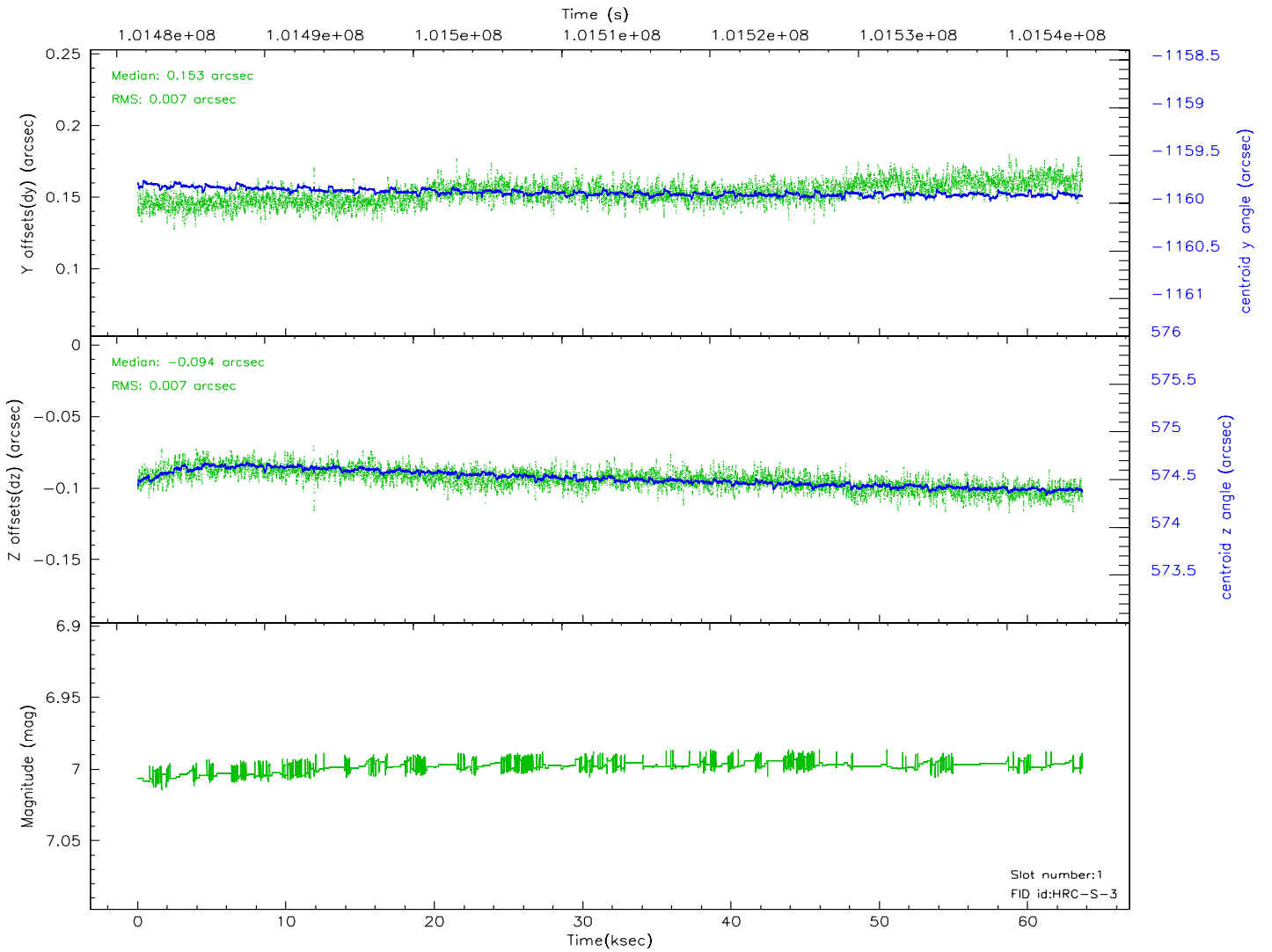
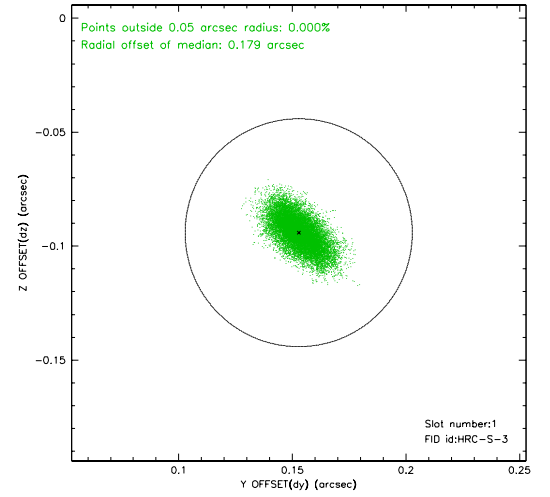
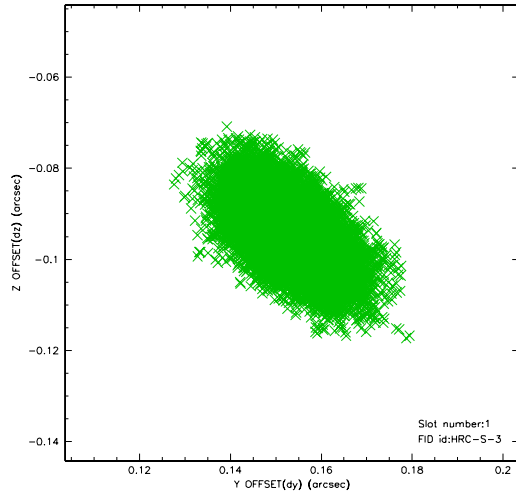


2.5 FID Slots

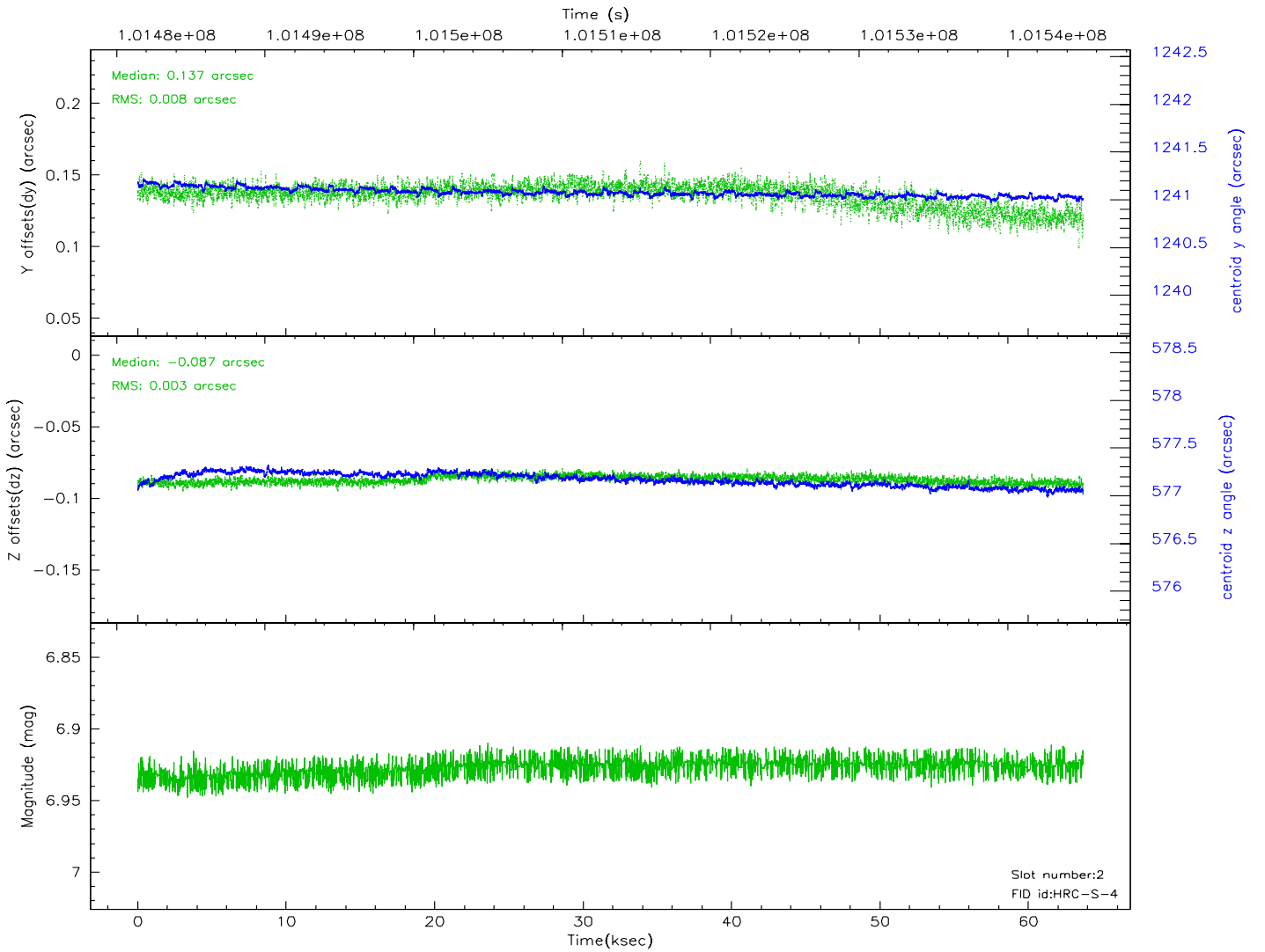
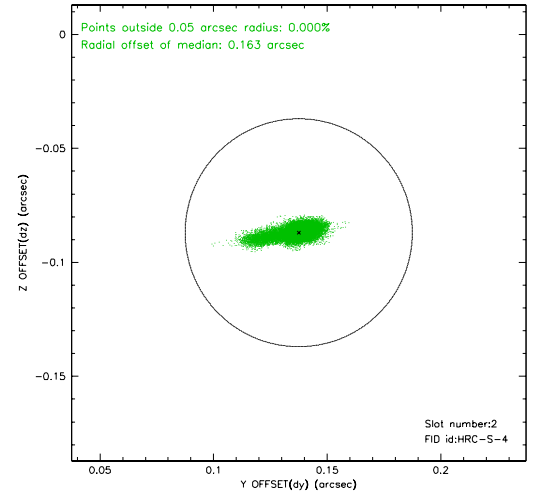
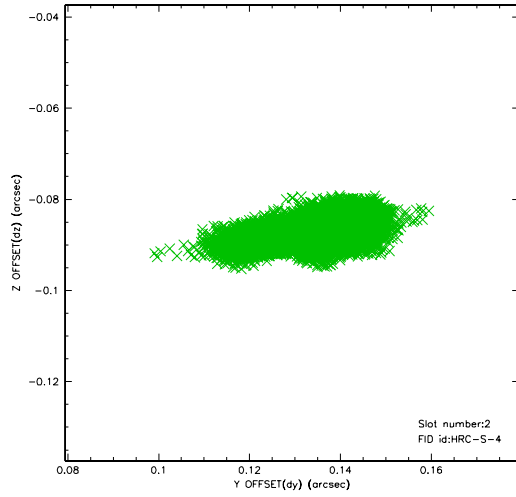
2.5.1 Slot 0



2.5.2 Slot 1

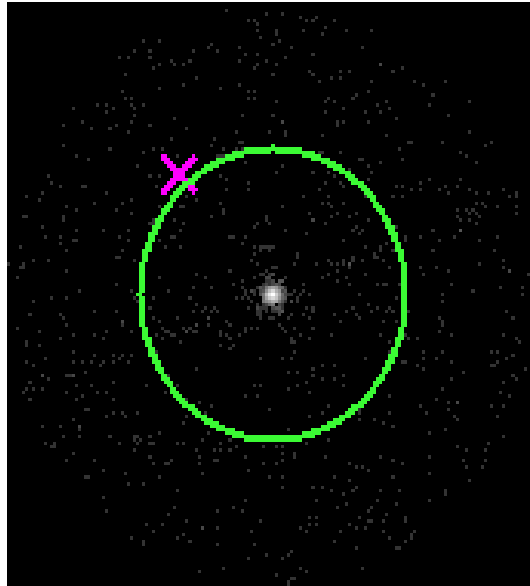


2.5.3 Slot 2



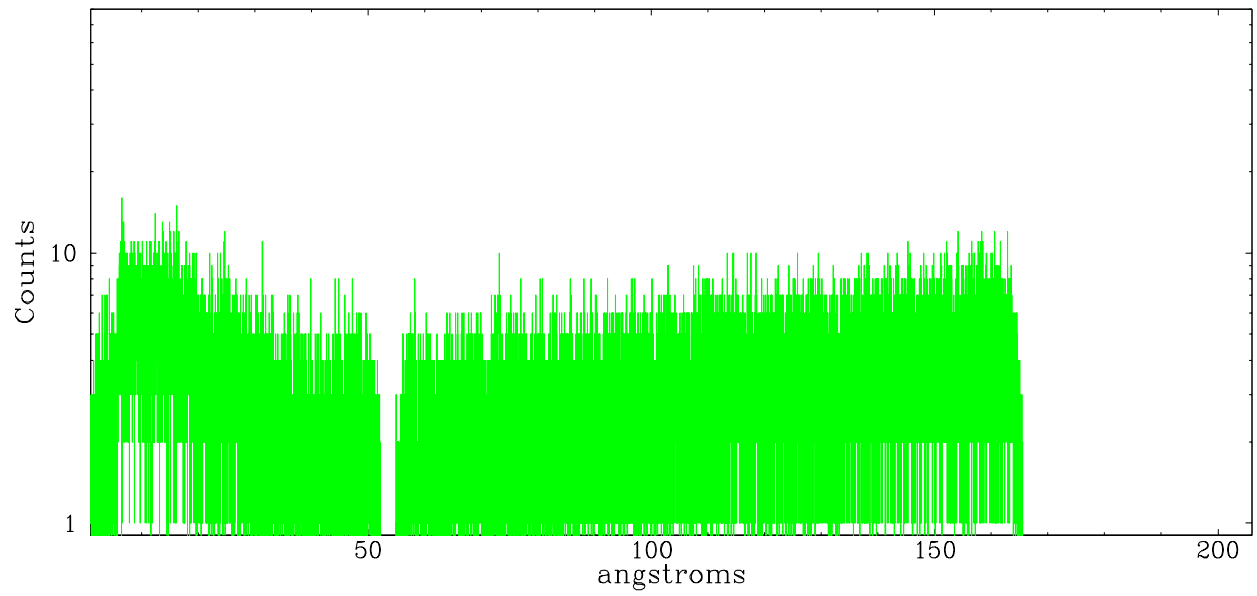
3 Gratings

3.1 LETG Arm

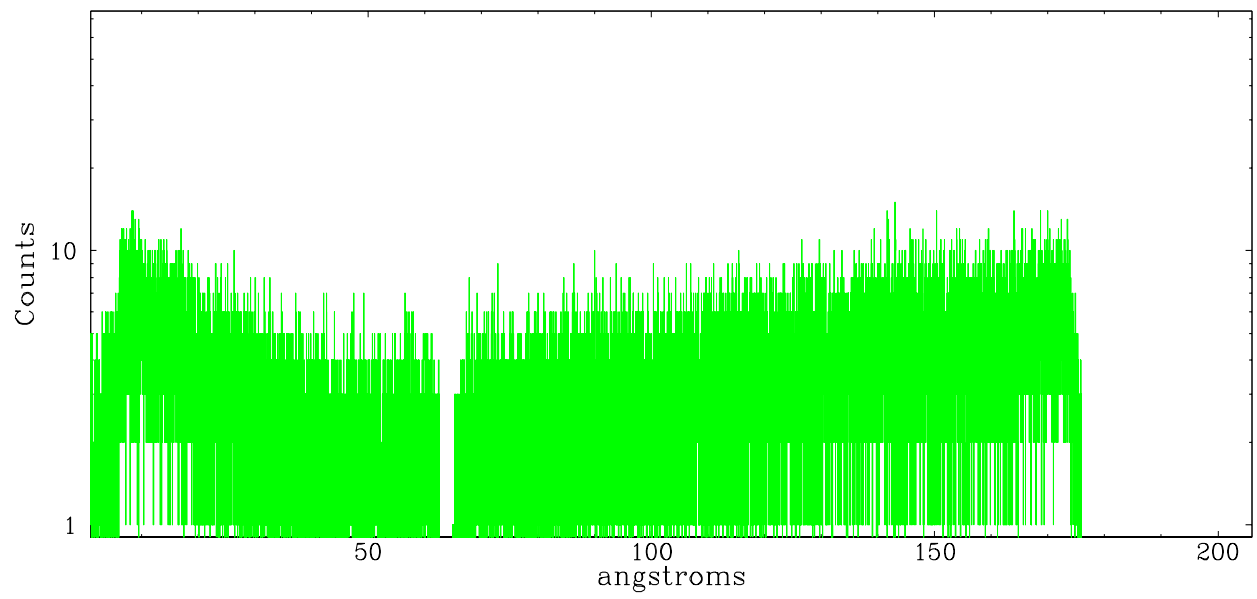


LETG Zero Order

leg order -1



leg order $+1$



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	63.461

A.2 Comments