

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2724 - L2 Version 3
Chandra X-Ray Center

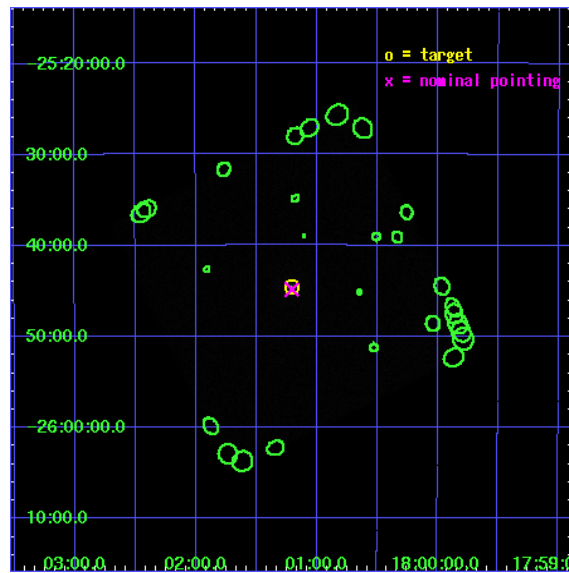
L2 Processing Date : Nov 21 2007

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1 Front

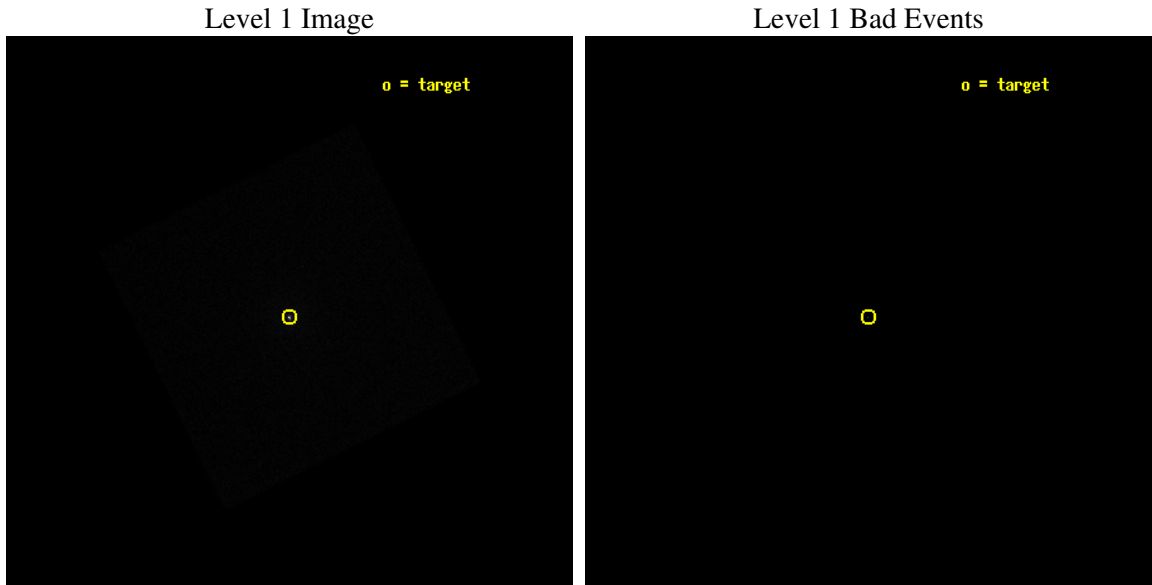
seq_num	400204
obs_id	2724
title	MONITORING THE MORPHOLOGY OF THE MICRO-QUASARS GRS 1758-258 AND 1E 1740.7-2942
observer	Dr. William Heindl
object	GRS 1758-258
ra_targ	270.301667
dec_targ	-25.743306
ra_nom	270.30136947581
dec_nom	-25.747622726877
roll_nom	288.72774641361
revision	3
ontime	8983.3566182256
livetime	8930.5363243538
l2events	298332



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-21T22:40:20
revision	3

sched_exp_time	9000.000000
ontime	8983.3566182256
l1events	429163

2.1.3 Events

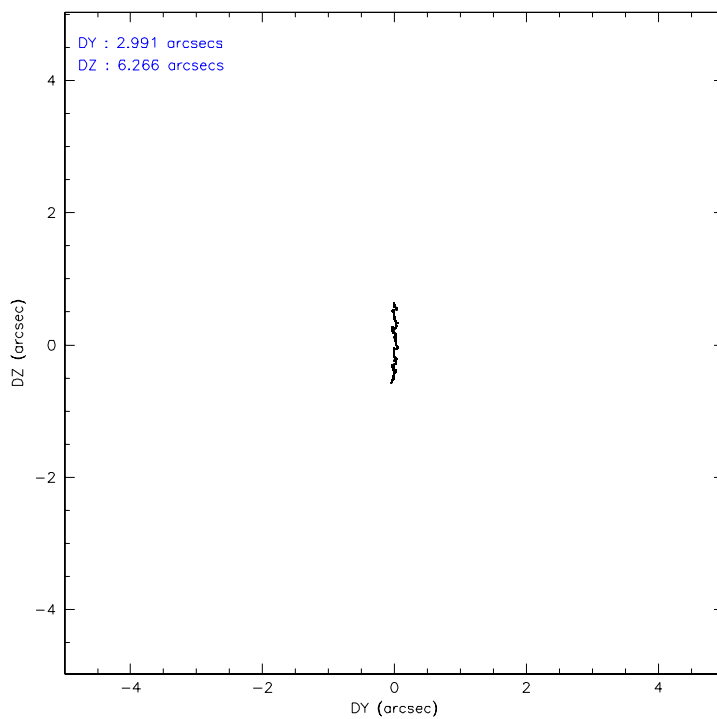
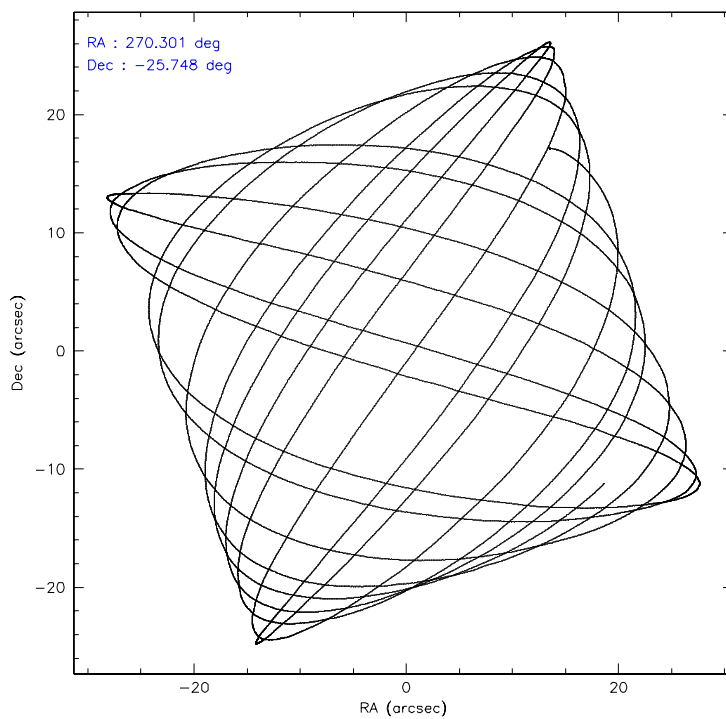
Level 1 Events

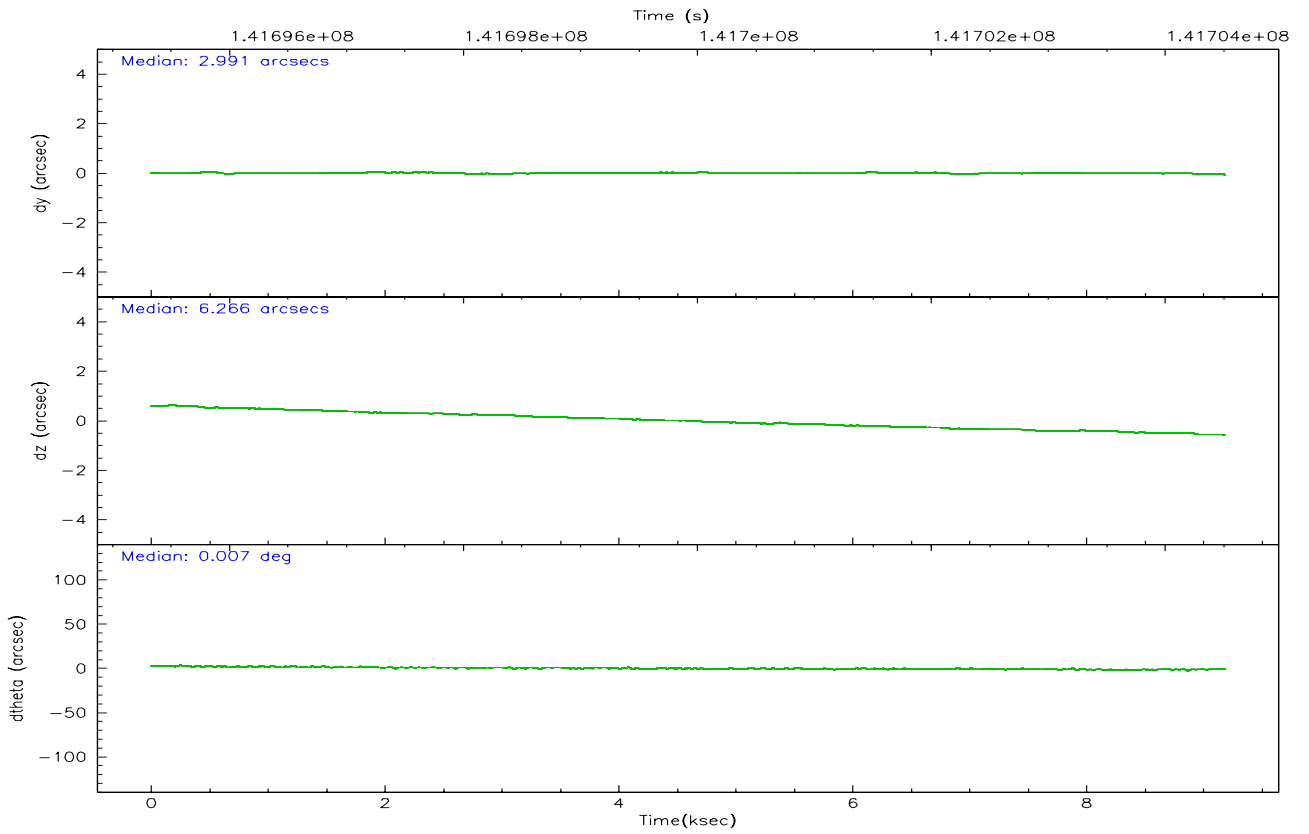
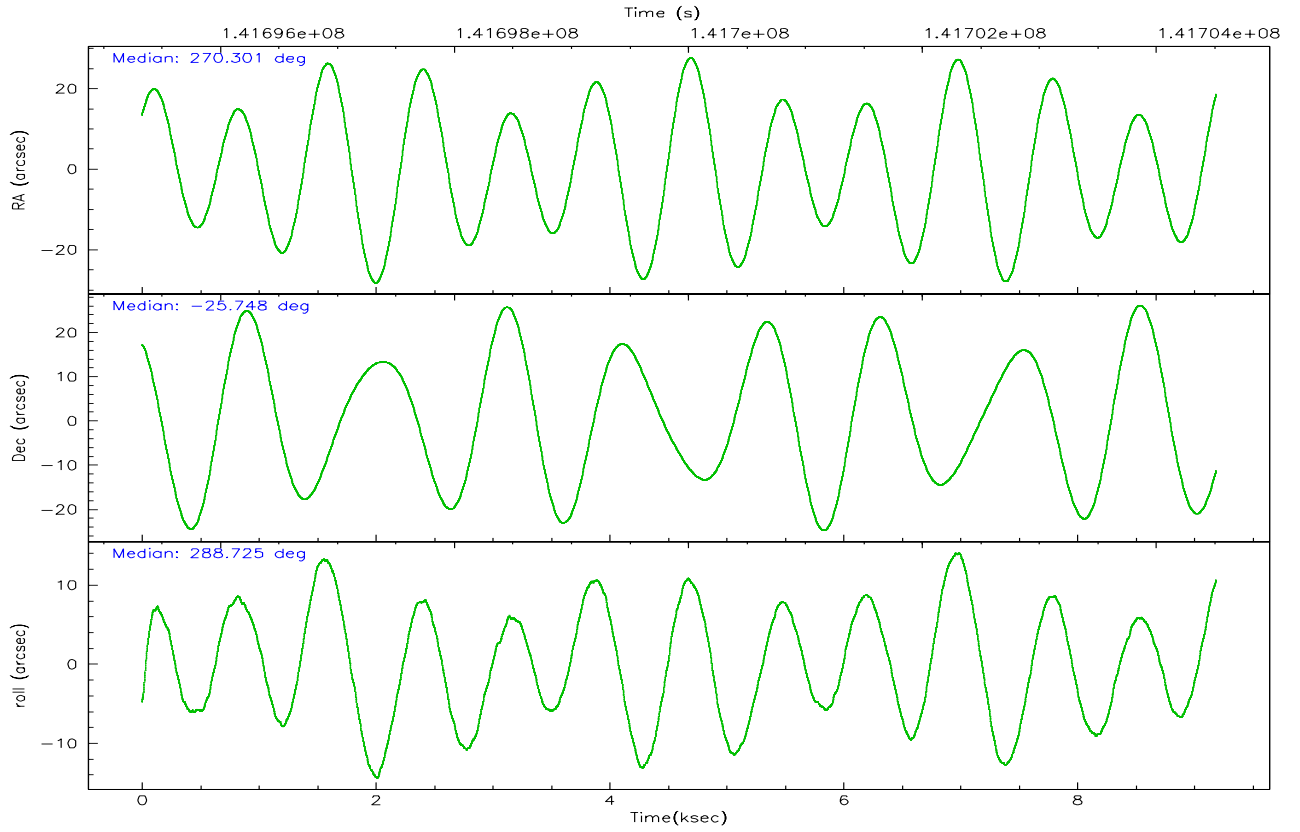
	segment 0
level 1 events	429163
rejected events	2153
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	270.278282	270.3013694758084			
Pointing Dec	-25.730053	-25.74762272687692			
Pointing Roll	288.813210	288.7277464136124			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	141695512.184000	141695073.41435			
Observation start date	2002-06-28T23:50:48	2002-06-28T23:44:33			
Observation end time	141704512.184000	141704706.36474			
Observation end date	2002-06-29T02:20:48	2002-06-29T02:25:06			

2.3 Aspect



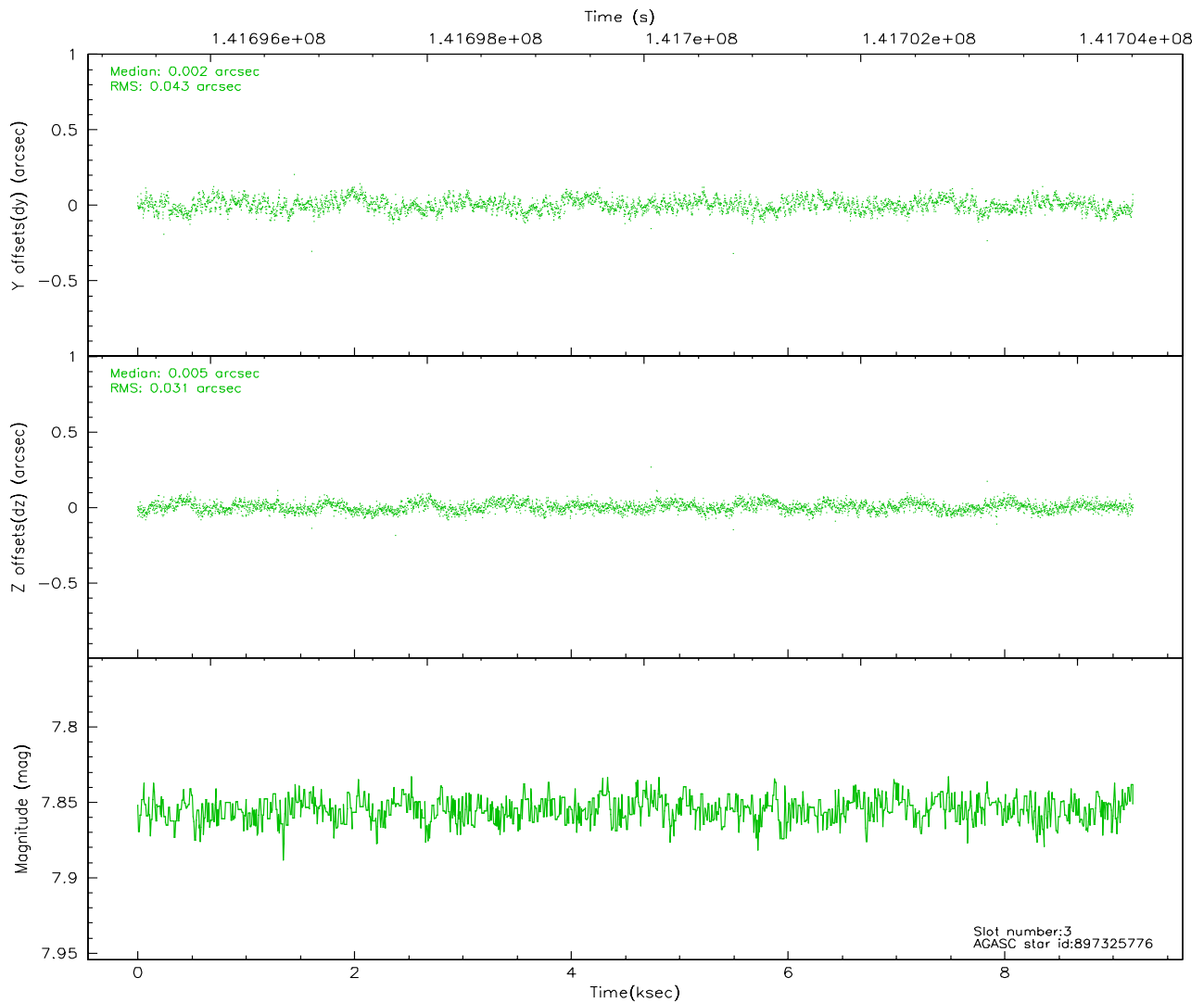
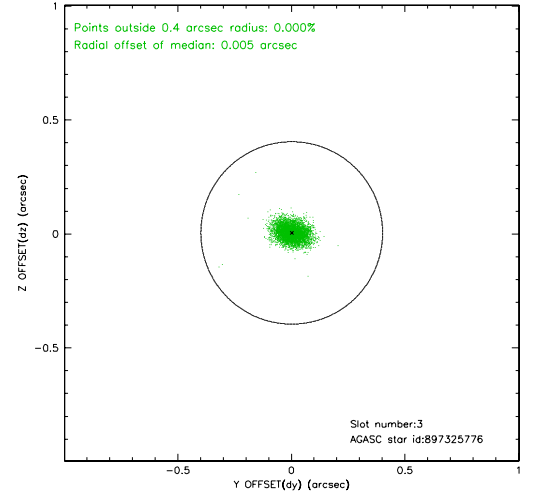
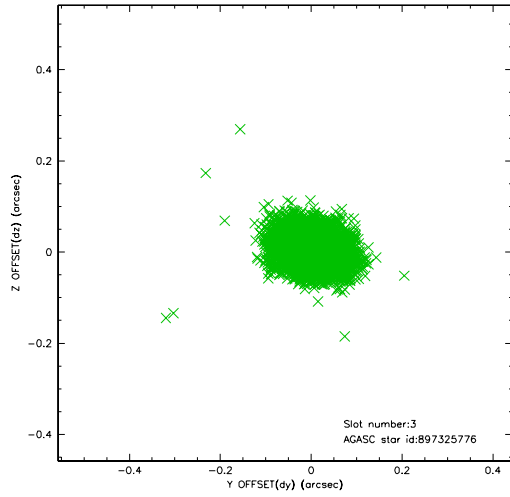


Slot Statistics

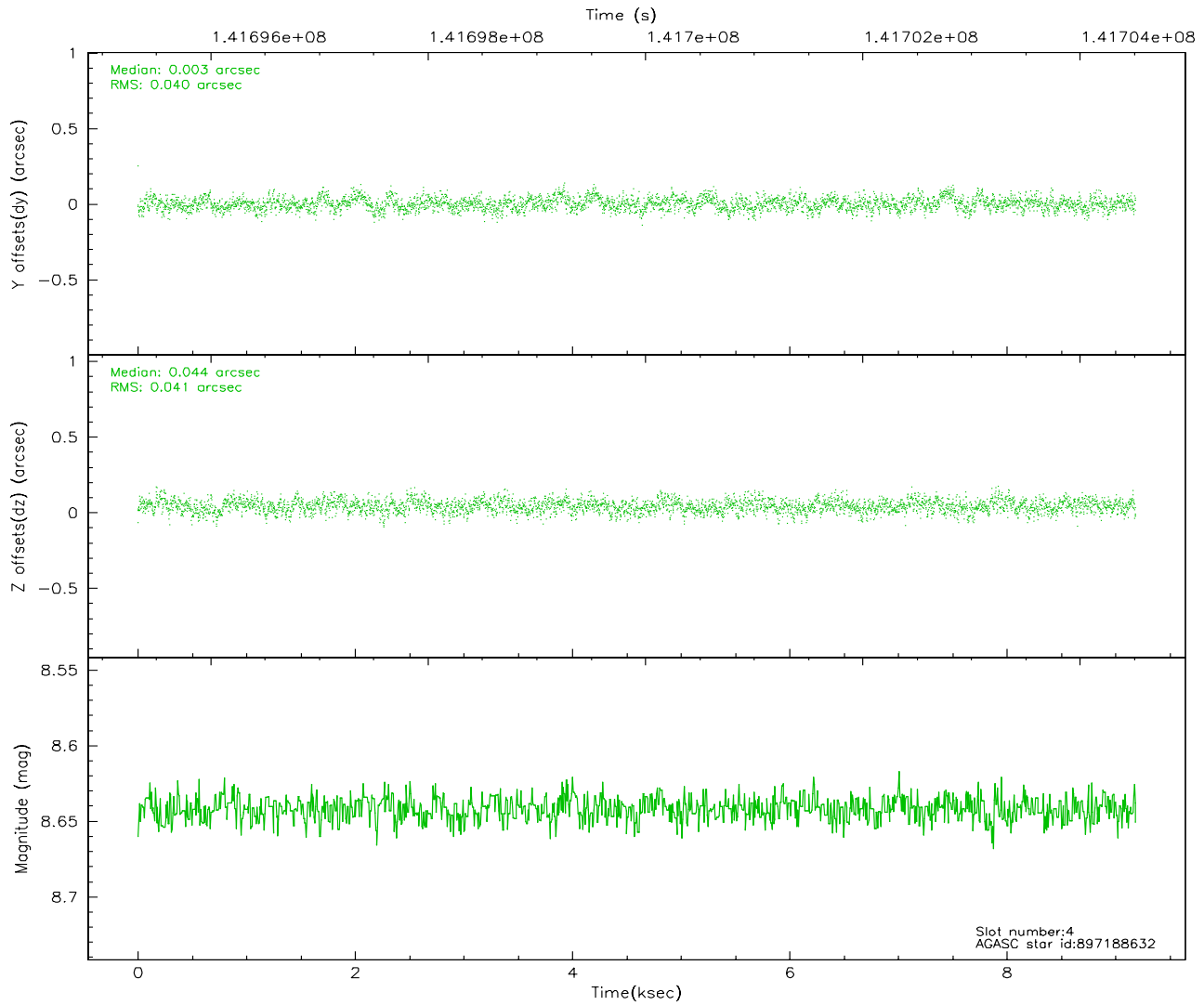
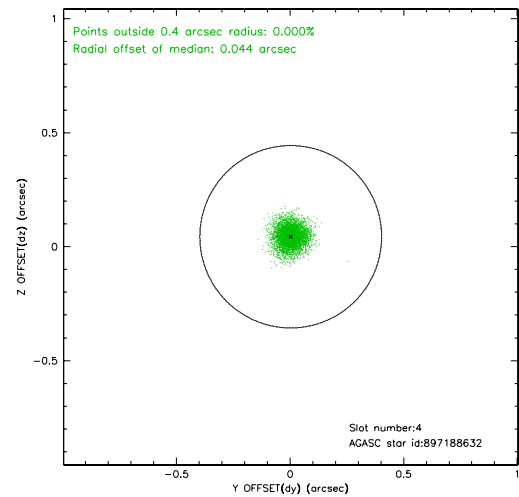
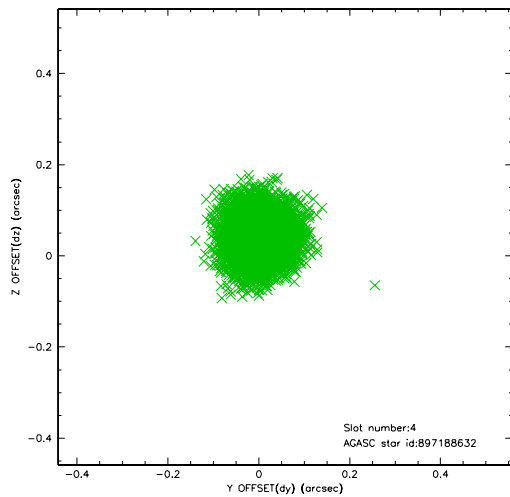
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	2241	0.011	0.015	0.009	0.015	0.000000	0.000000	-758.42	-1294.15
1	FID	HRC-I-2	6.99	2241	0.053	-0.022	0.010	0.020	0.000000	0.000000	853.91	-1296.30
2	FID	HRC-I-3	7.04	2241	0.056	-0.080	0.016	0.025	0.000000	0.000000	-1186.54	1009.73
3	GUIDE	897325776	7.85	4481	0.002	0.005	0.057	0.091	270.509377	-25.015043	-2194.49	1543.98
4	GUIDE	897188632	8.64	4481	0.003	0.044	0.061	0.099	269.725883	-25.281908	-2105.51	-1182.29
5	GUIDE	897327728	9.64	4483	0.029	-0.004	0.103	0.173	270.593316	-26.018063	1309.20	630.31
6	GUIDE	897193352	8.40	4482	0.075	-0.066	0.066	0.109	269.817437	-25.818839	-177.72	-1516.98
7	GUIDE	897878912	8.67	4472	-0.108	0.026	0.066	0.112	270.330342	-26.290587	1962.63	-491.40

2.4 Star Slots

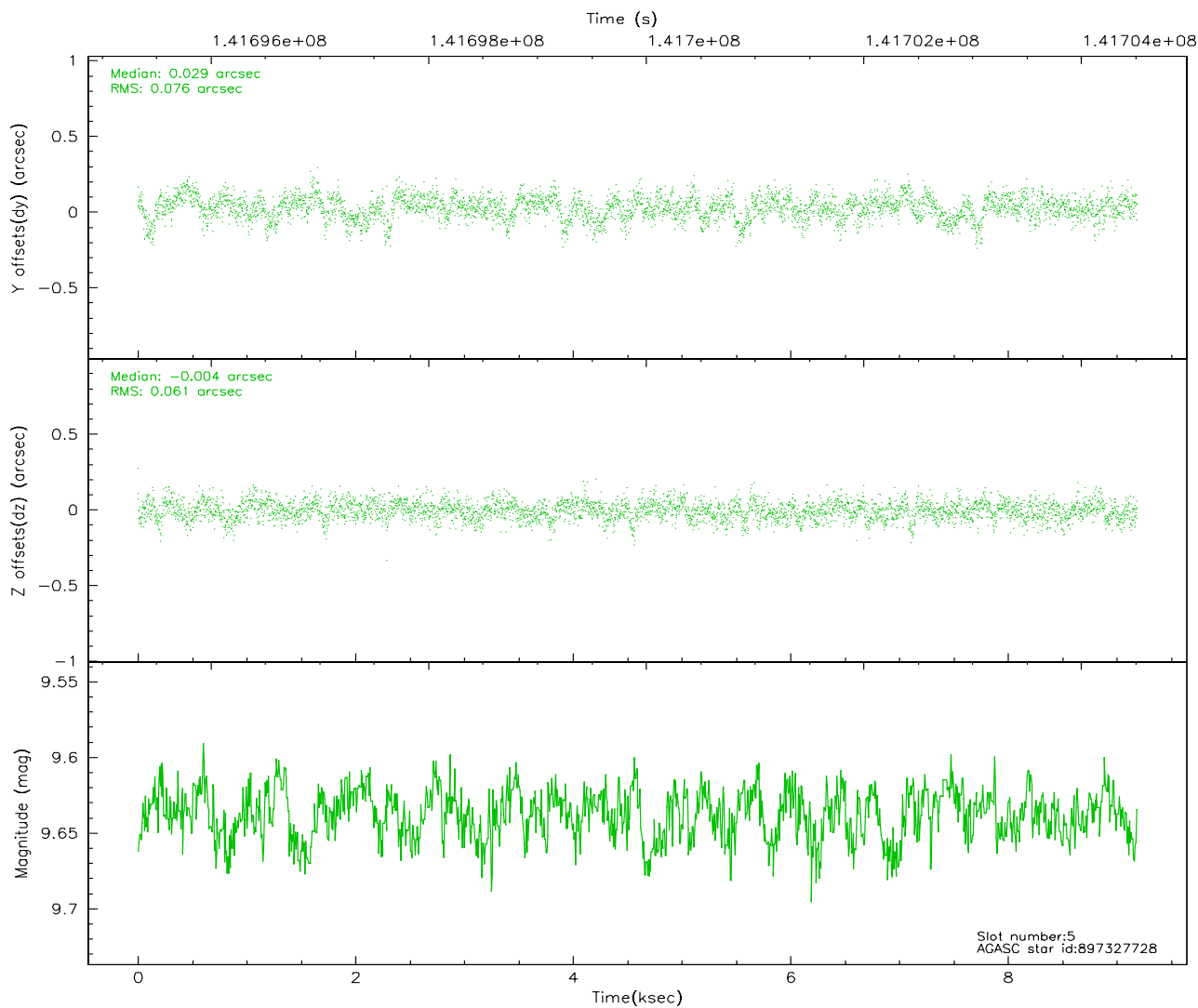
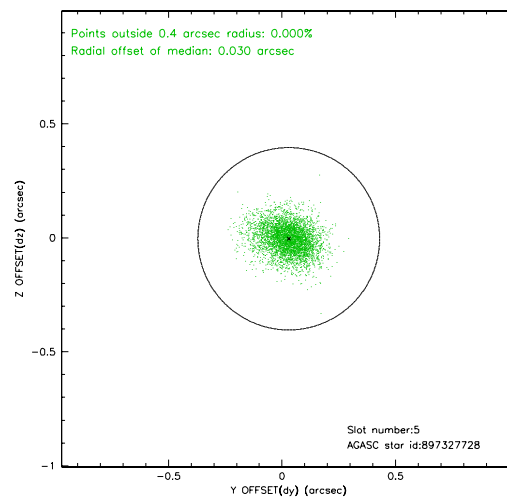
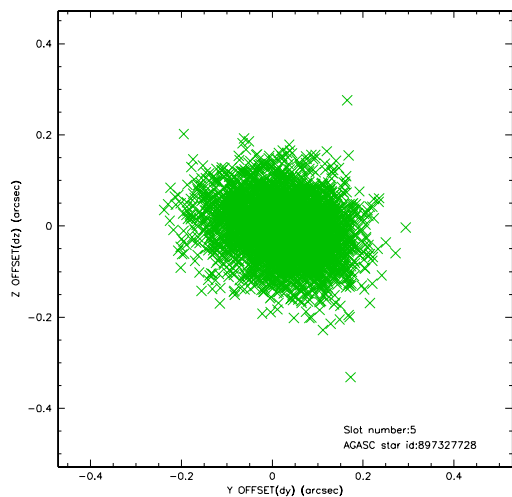
2.4.1 Slot 3



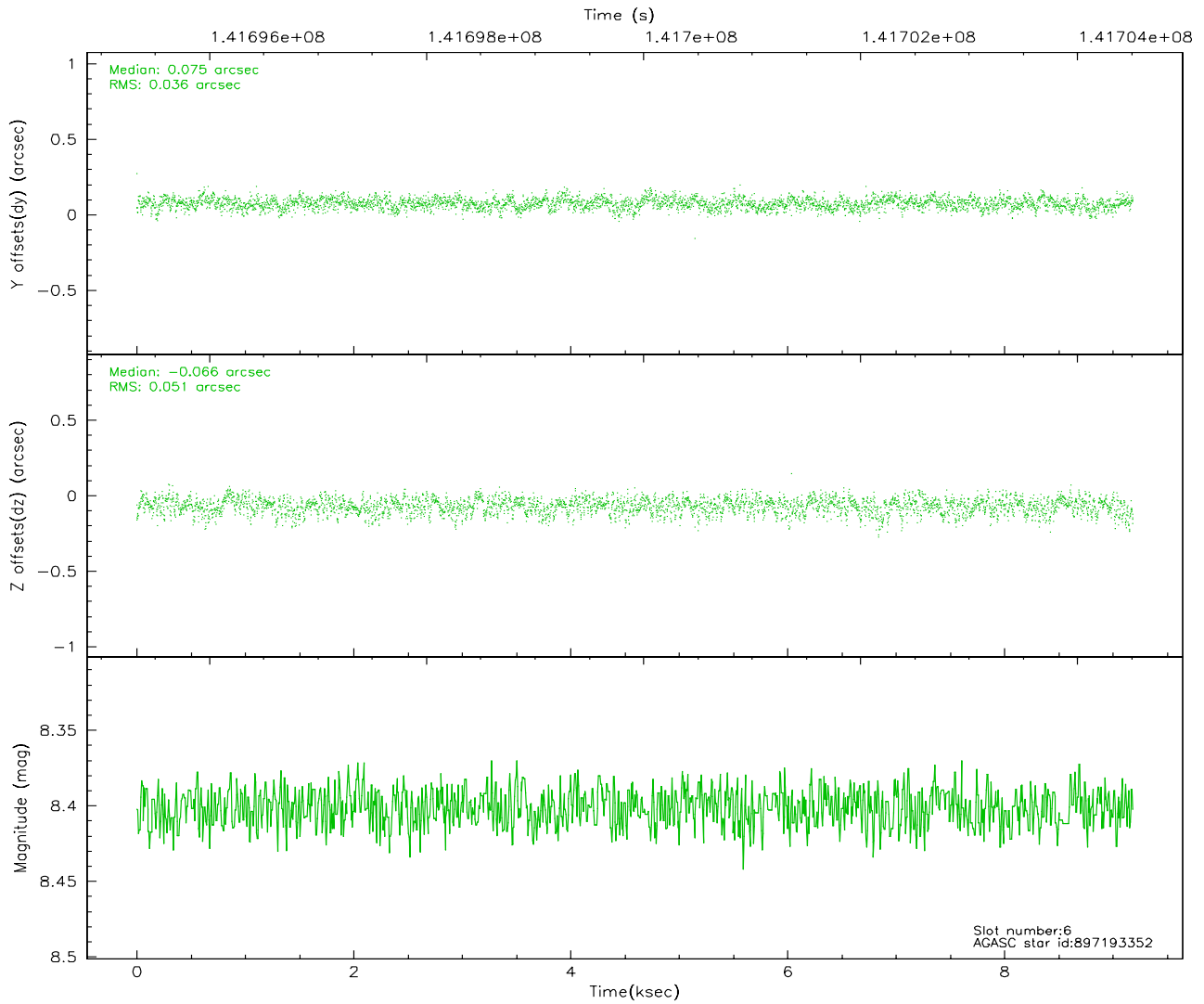
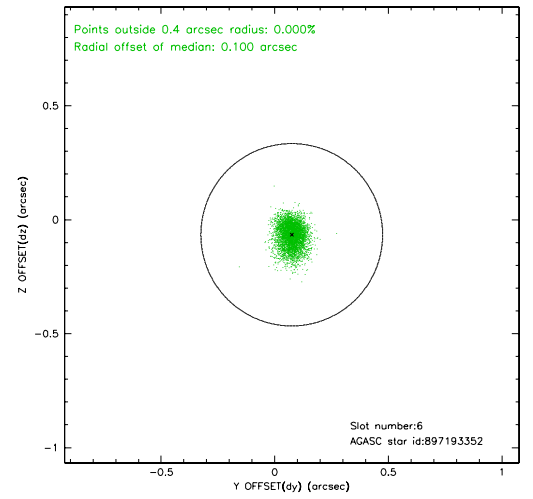
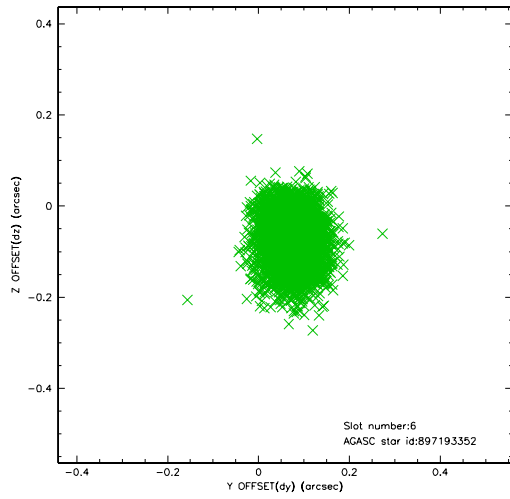
2.4.2 Slot 4



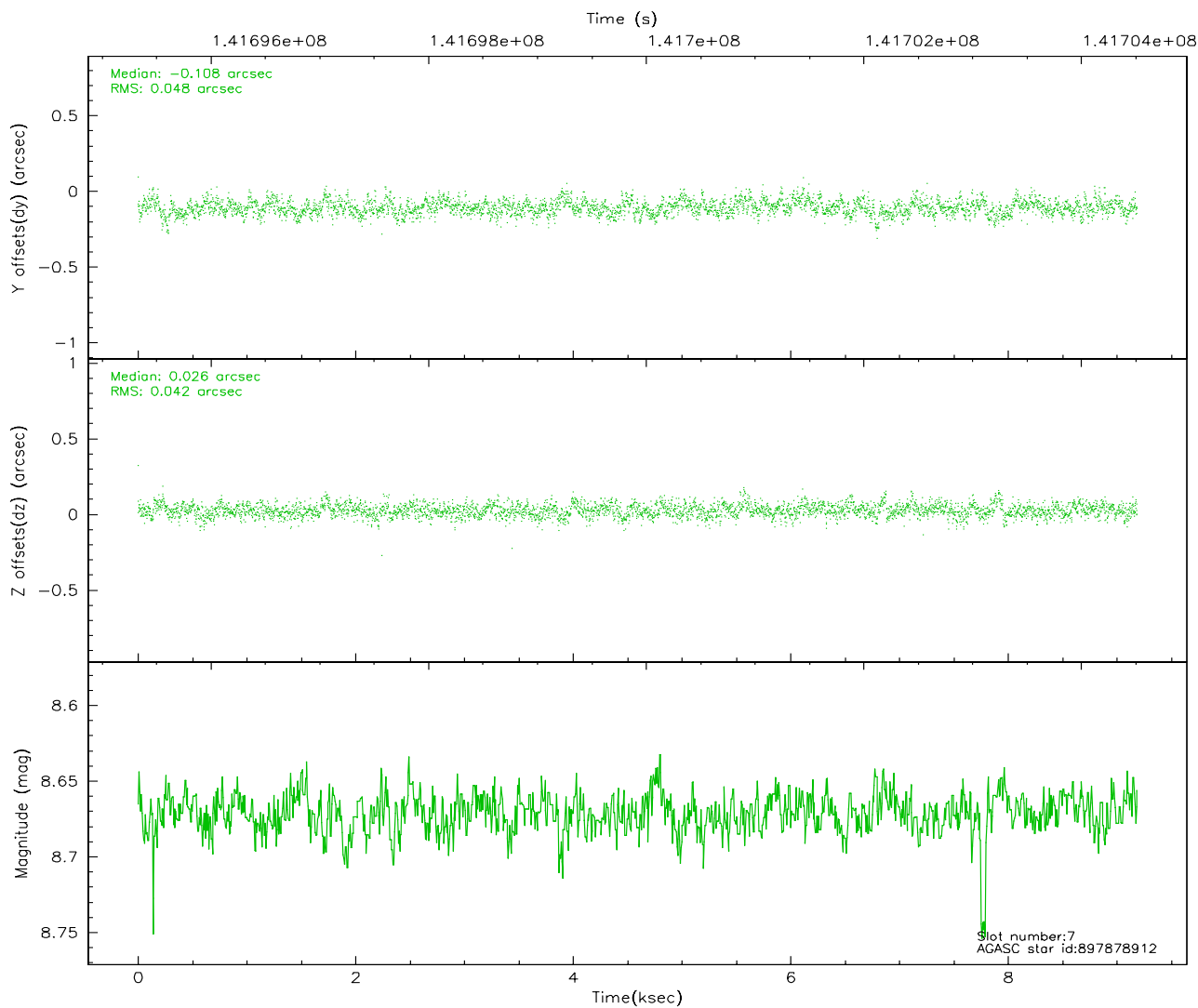
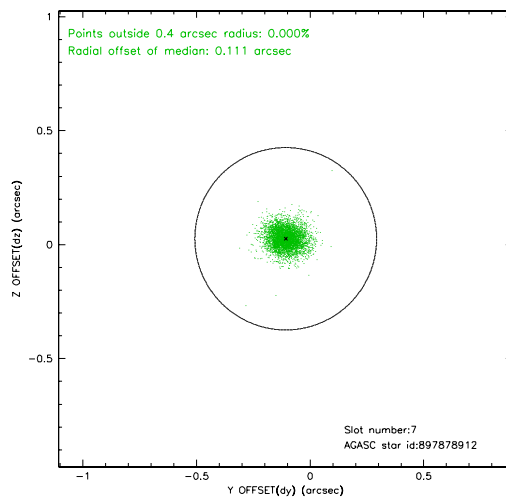
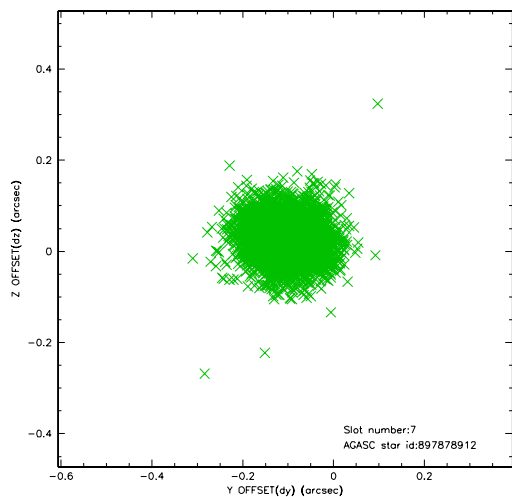
2.4.3 Slot 5



2.4.4 Slot 6

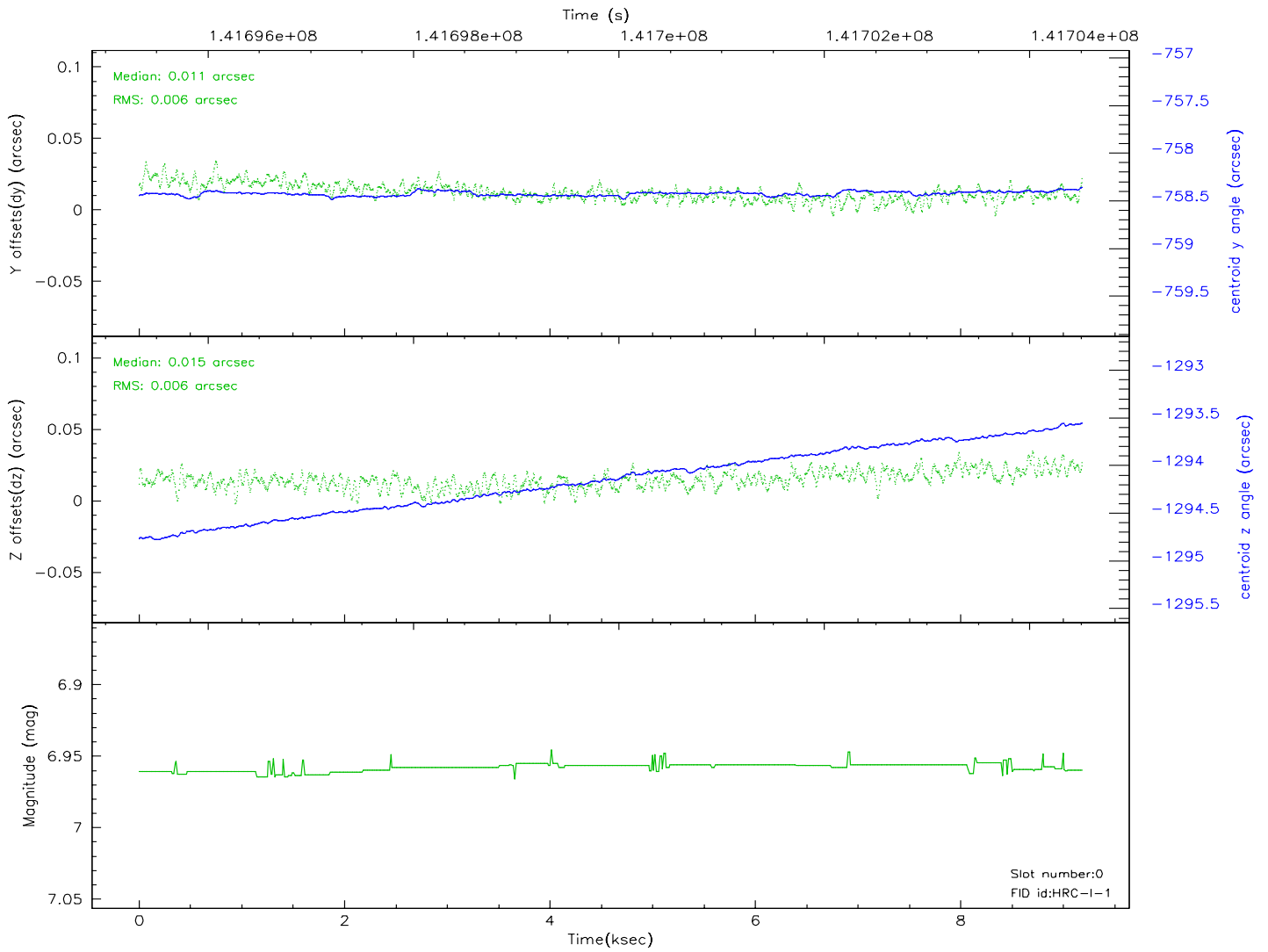
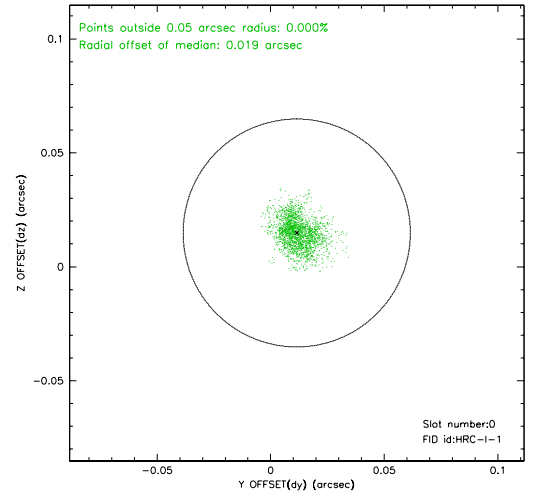
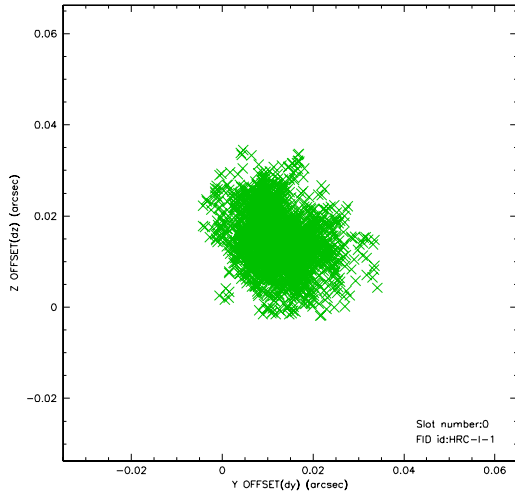


2.4.5 Slot 7

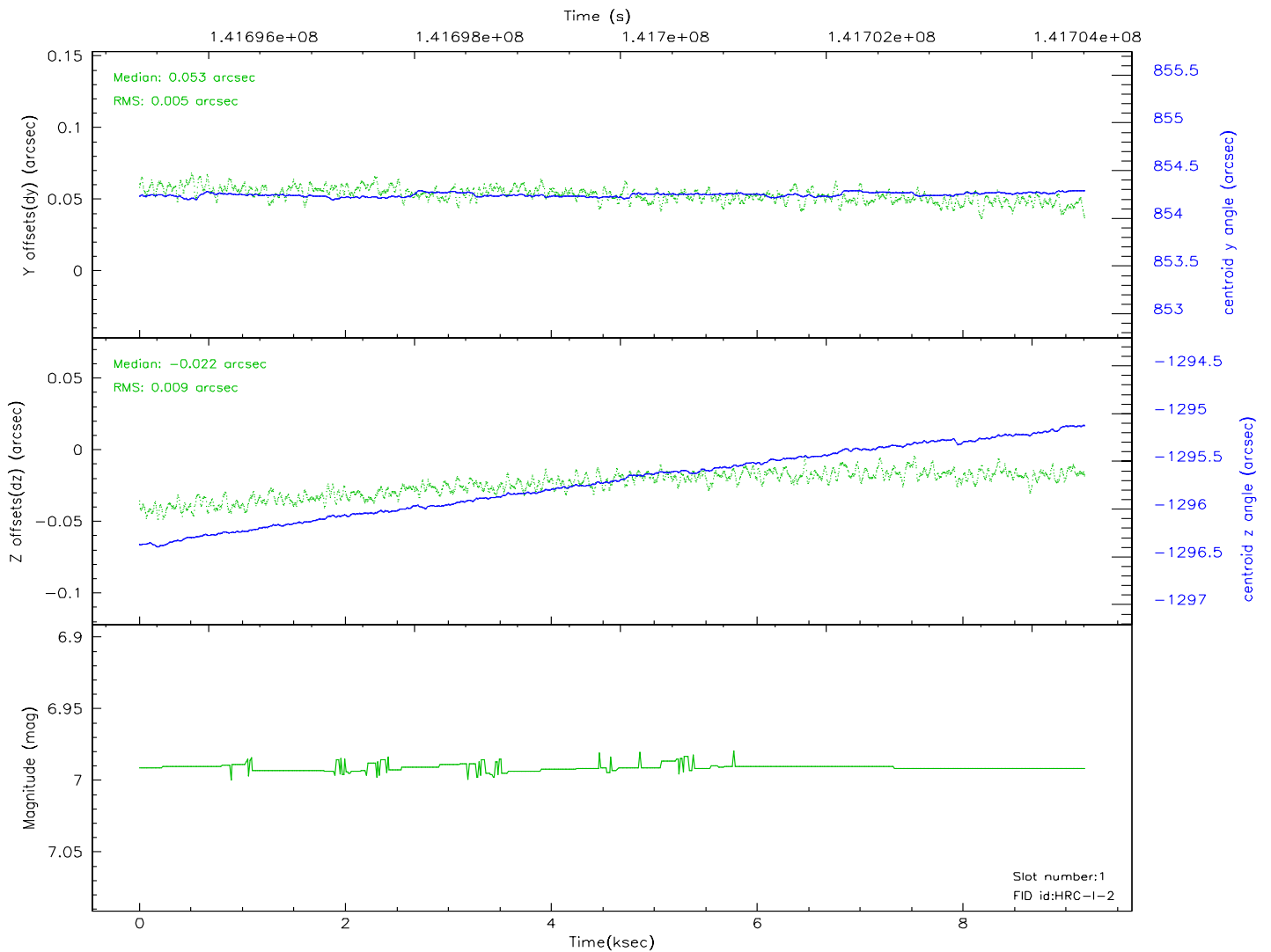
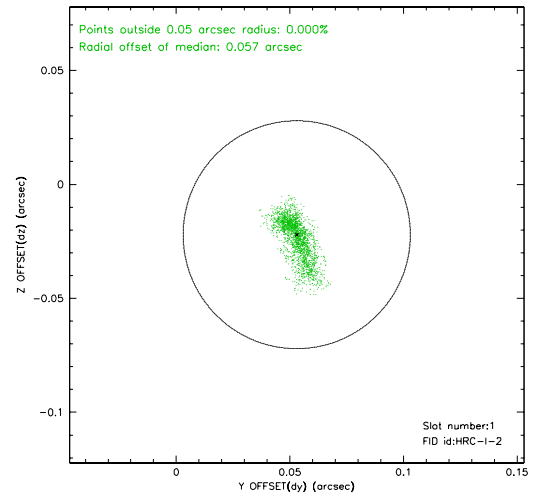
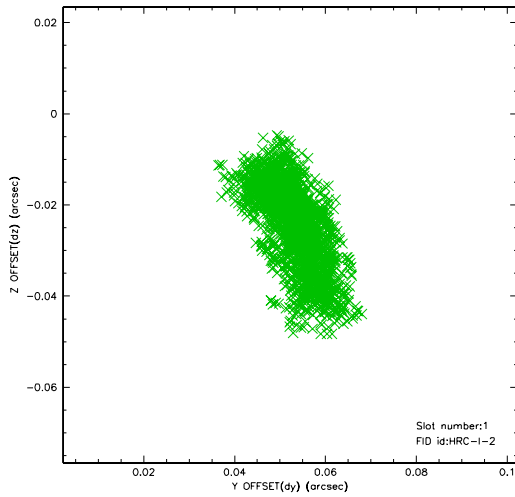


2.5 FID Slots

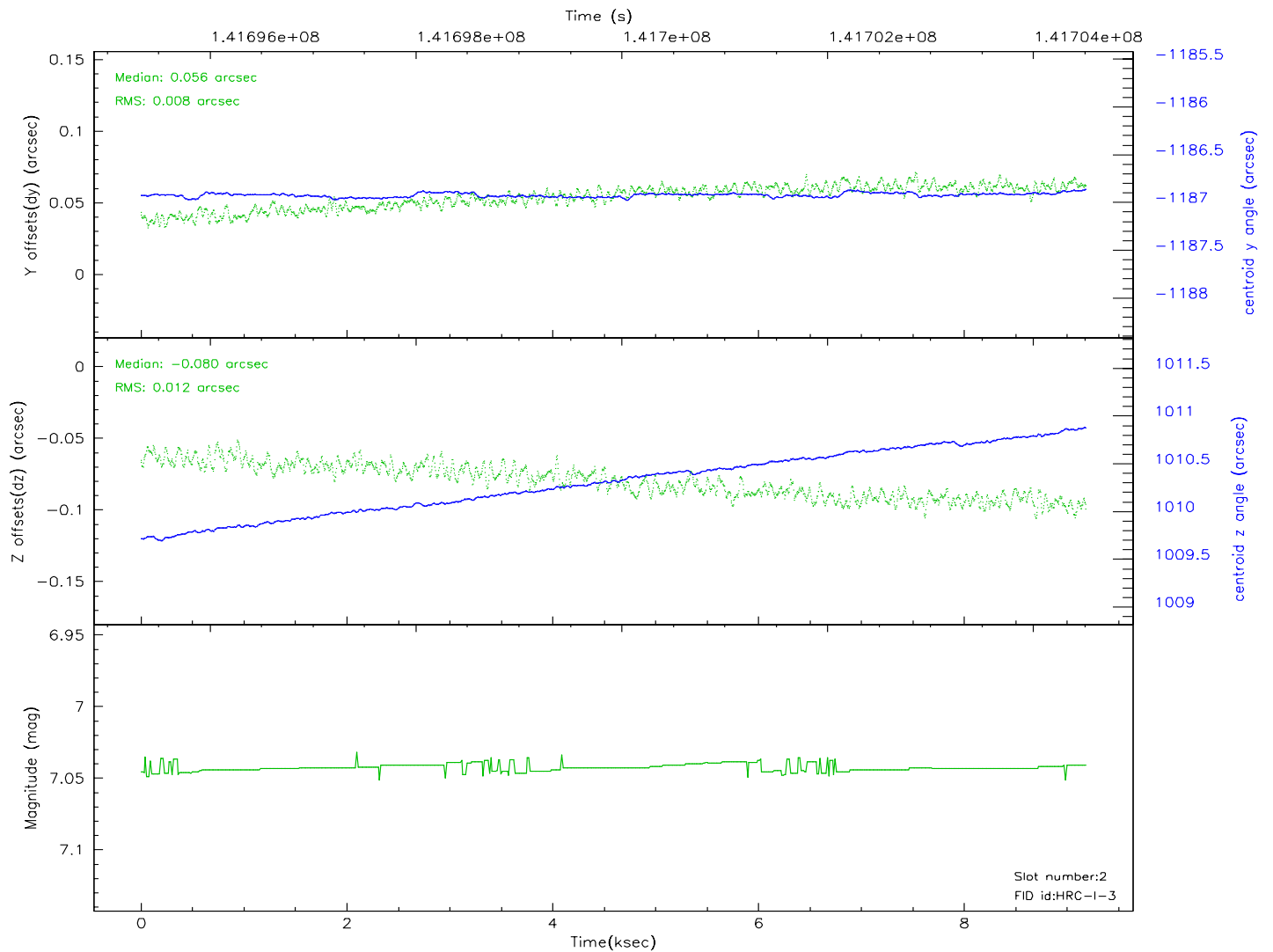
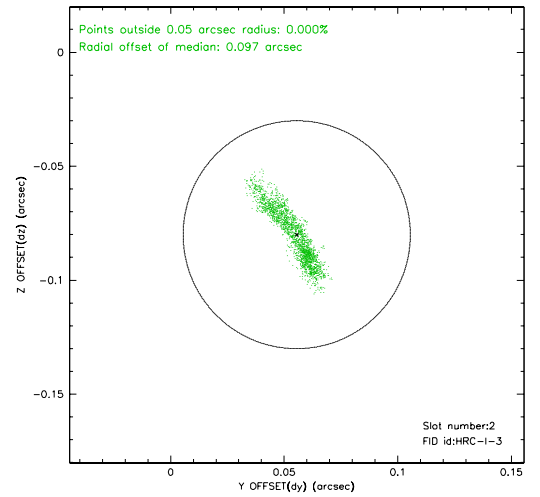
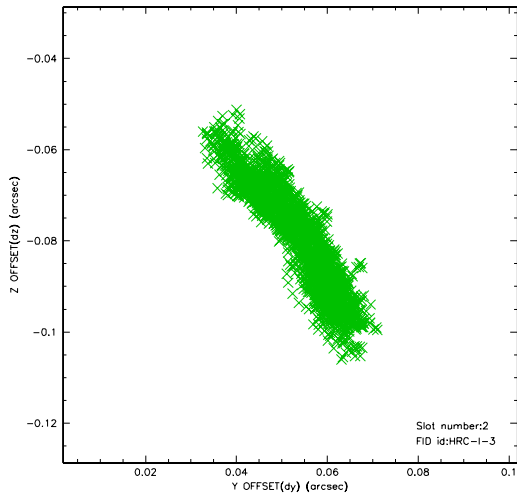
2.5.1 Slot 0



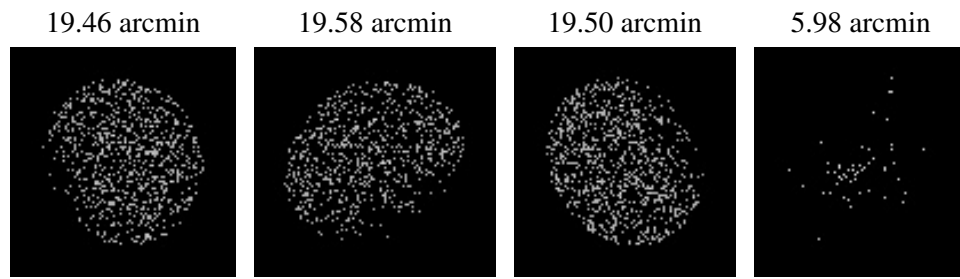
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.983

A.2 Comments

Monitor constraint met.

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.