

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4685 - L2 Version 4
Chandra X-Ray Center

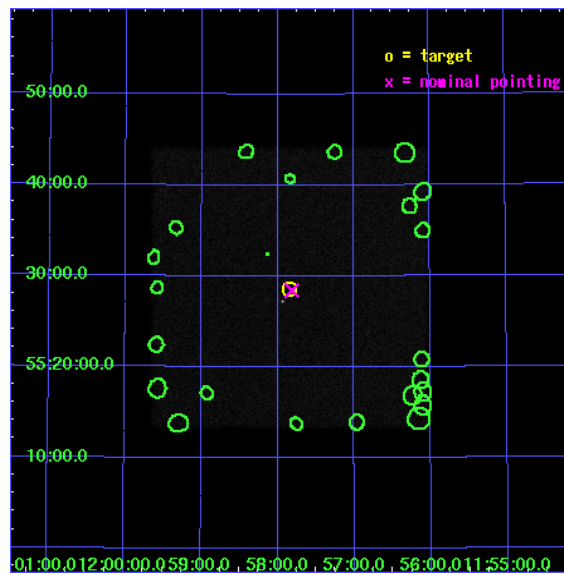
L2 Processing Date : Nov 23 2007

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1 Front

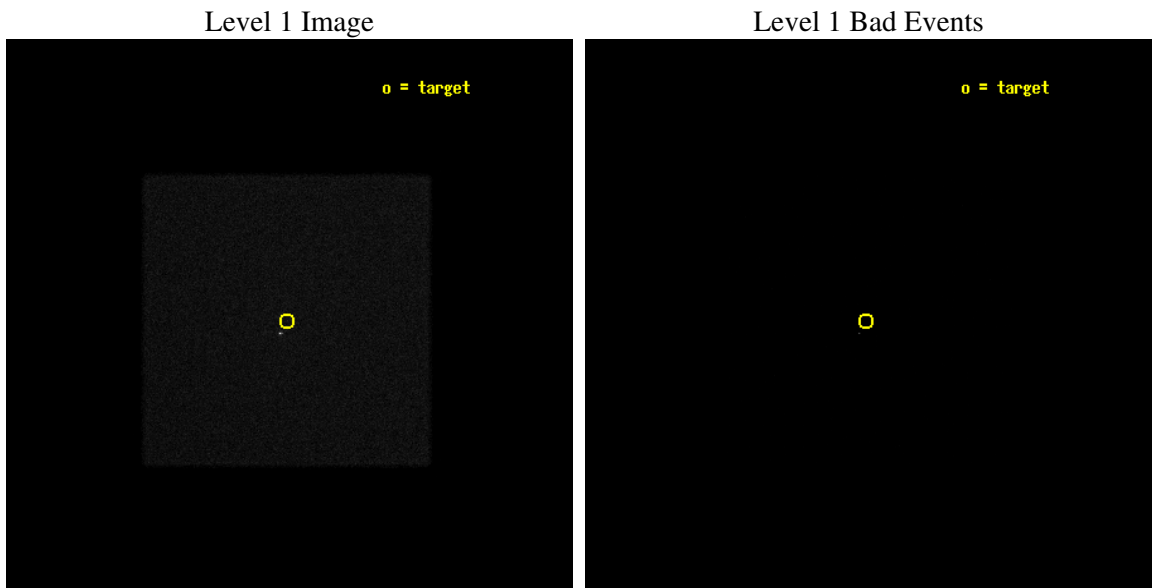
seq_num	600340
obs_id	4685
title	Locating Ultraluminous X-Ray Sources
observer	Prof. Philip Kaaret
object	NGC 3998 ULX
ra_targ	179.46
dec_targ	55.475278
ra_nom	179.45331247113
dec_nom	55.473758845162
roll_nom	225.03942583573
revision	4
ontime	5893.7502600551
livetime	5856.365747883
l2events	200654



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	2007-11-23T23:18:08
revision	4

sched_exp_time	6000.000000
ontime	5893.7502600551
l1events	329251

2.1.3 Events

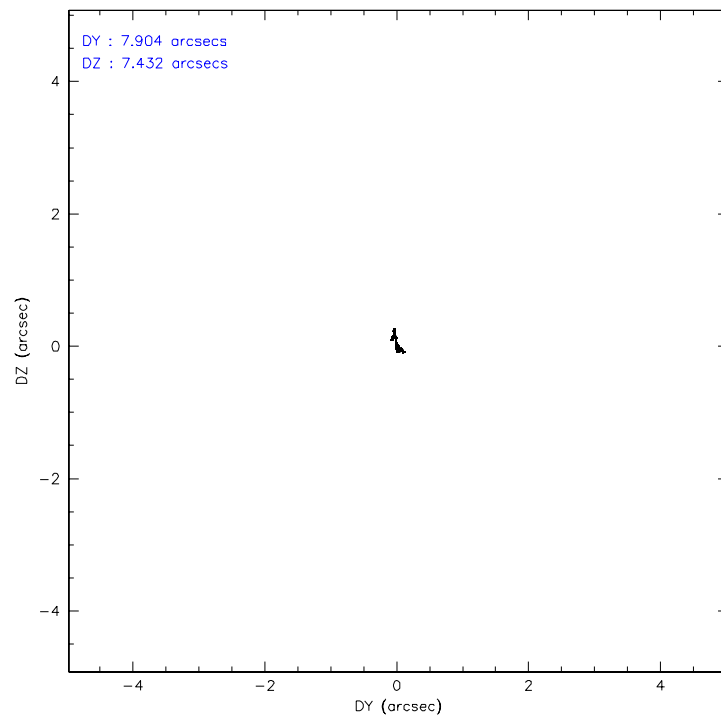
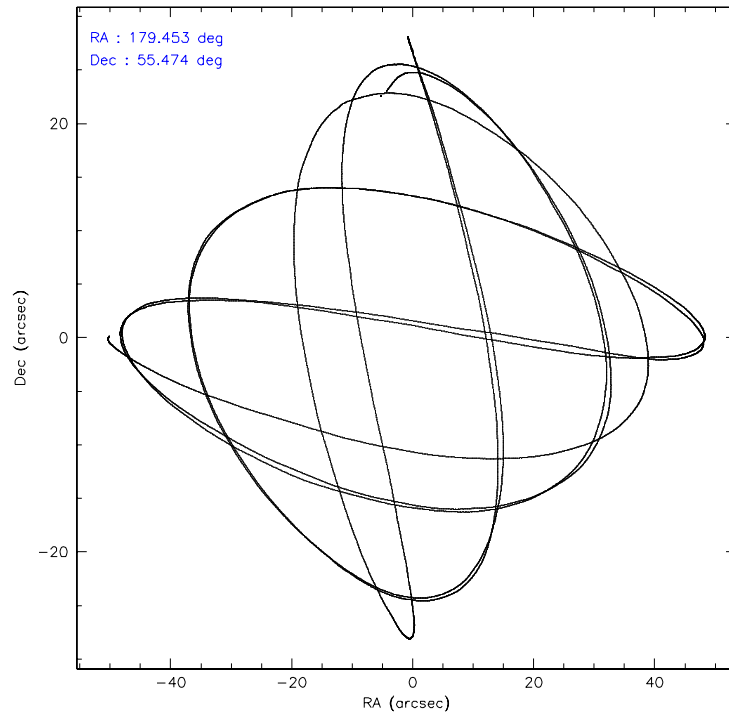
Level 1 Events

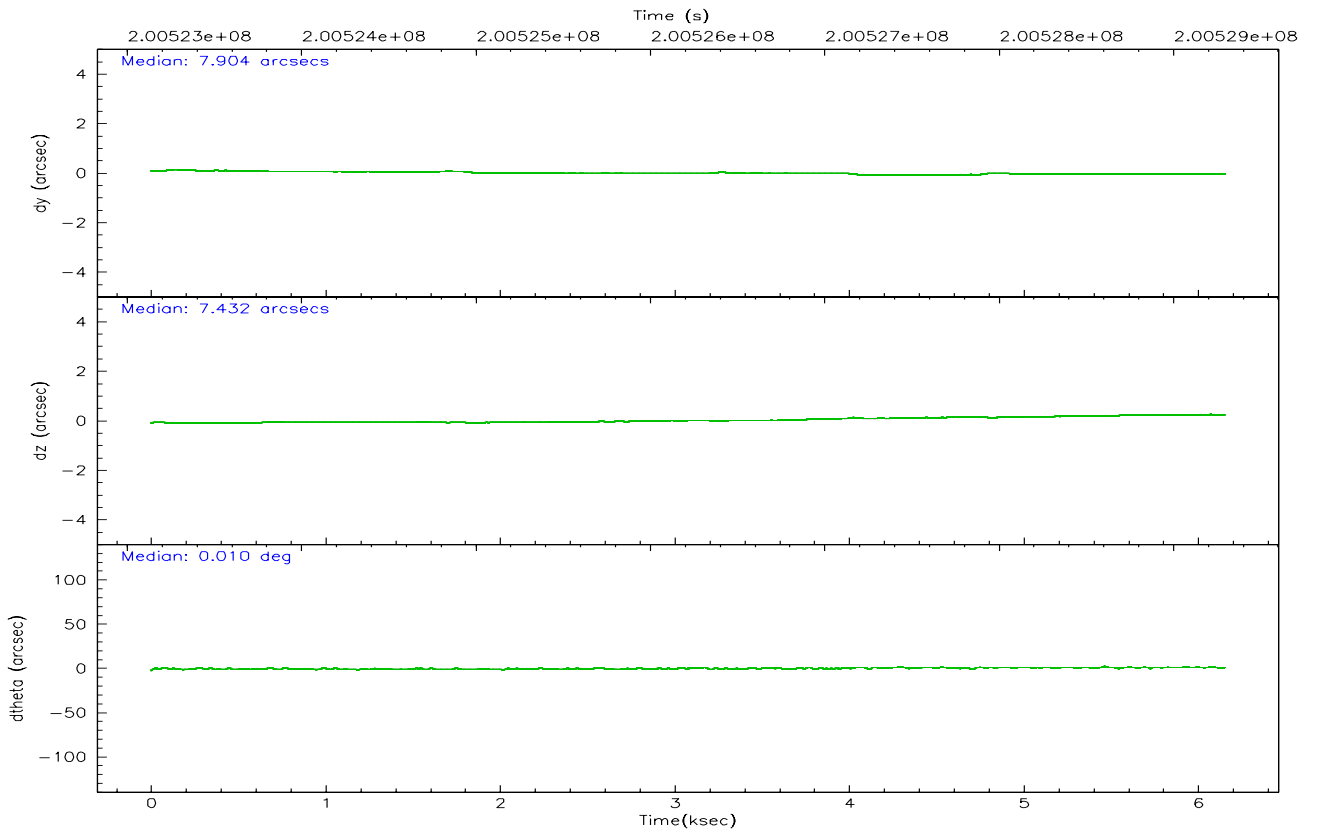
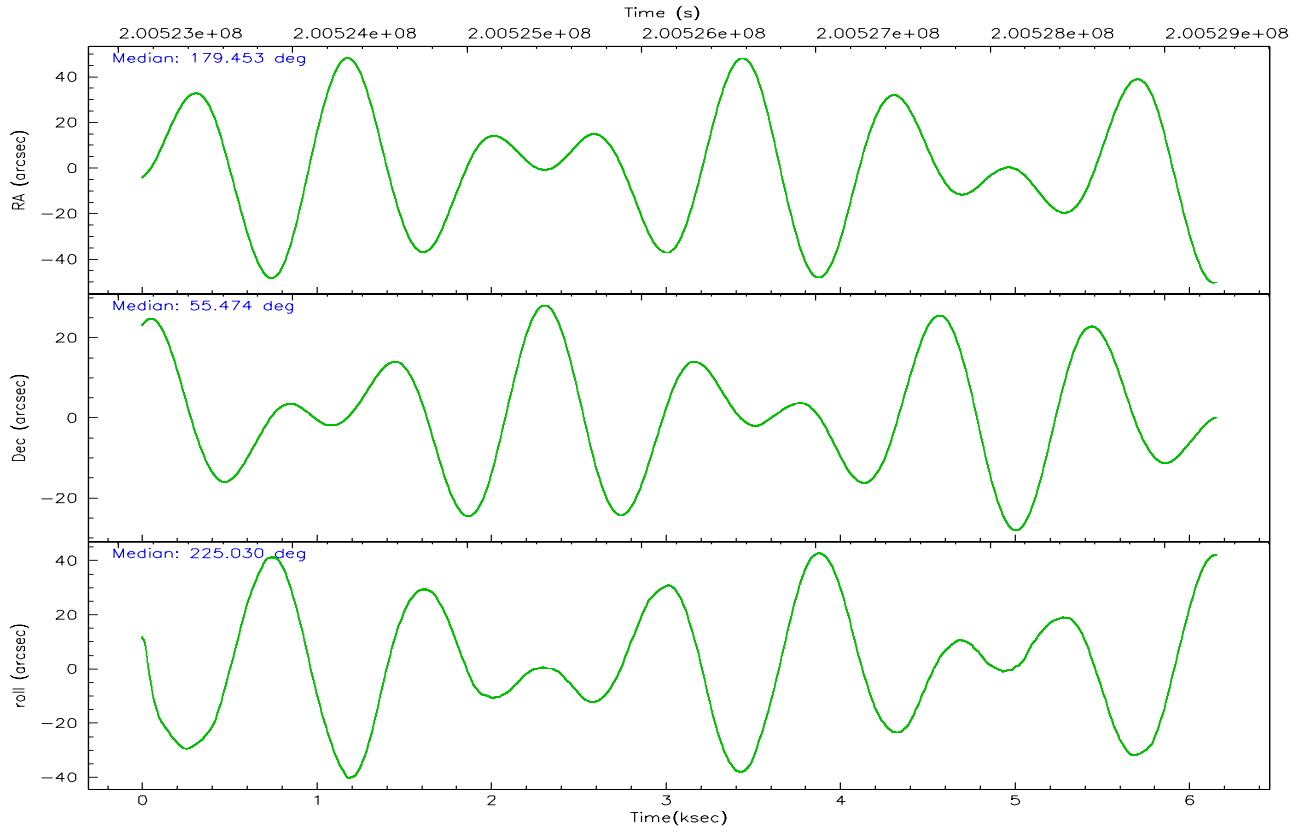
	segment 0
level 1 events	329251
rejected events	33761
rejected %	10%

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	179.464485	179.4533124711315			
Pointing Dec	55.500031	55.47375884516198			
Pointing Roll	225.125707	225.0394258357258			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	200523288.184000	200522502.70226			
Observation start date	2004-05-09T20:53:44	2004-05-09T20:41:42			
Observation end time	200529288.184000	200529881.16509			
Observation end date	2004-05-09T22:33:44	2004-05-09T22:44:41			

2.3 Aspect



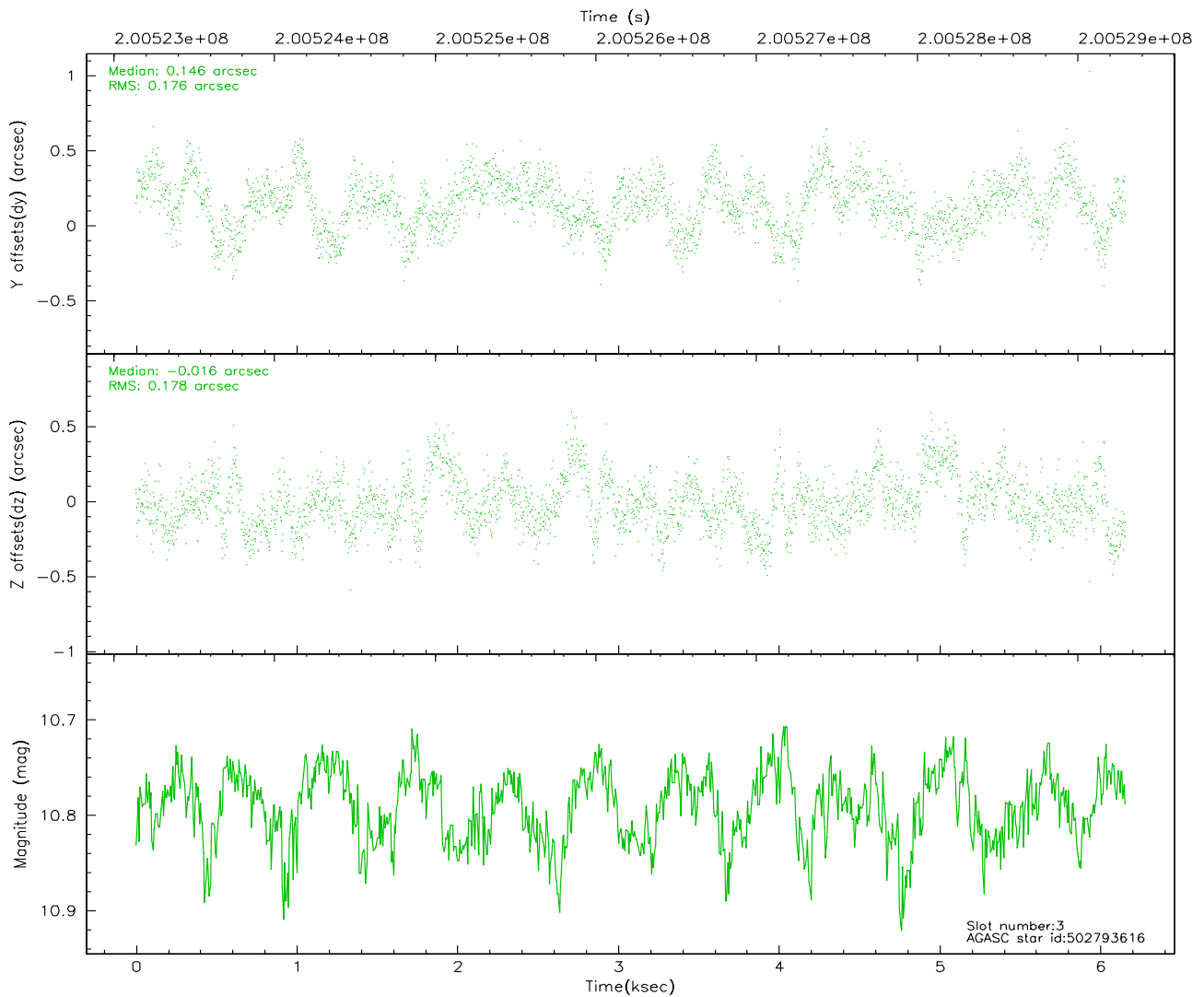
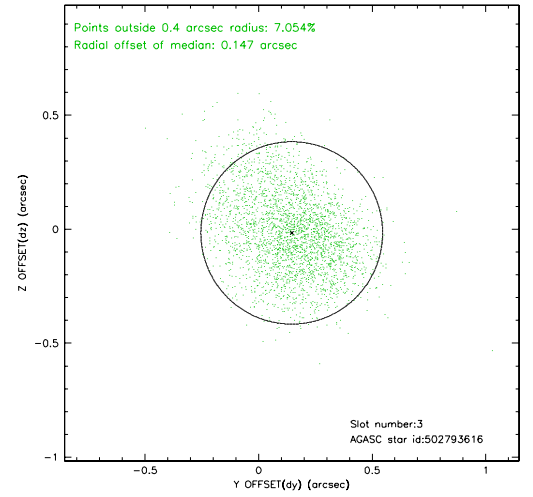
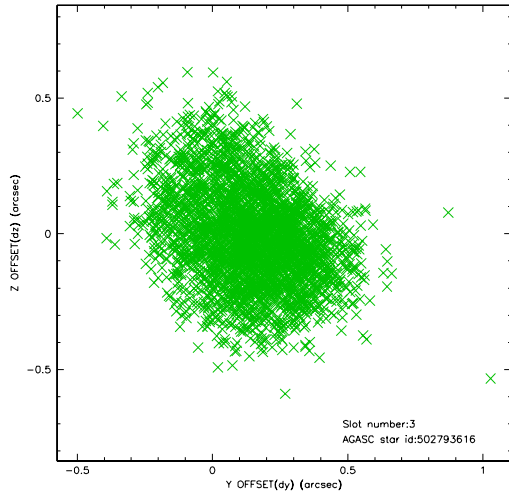


Slot Statistics

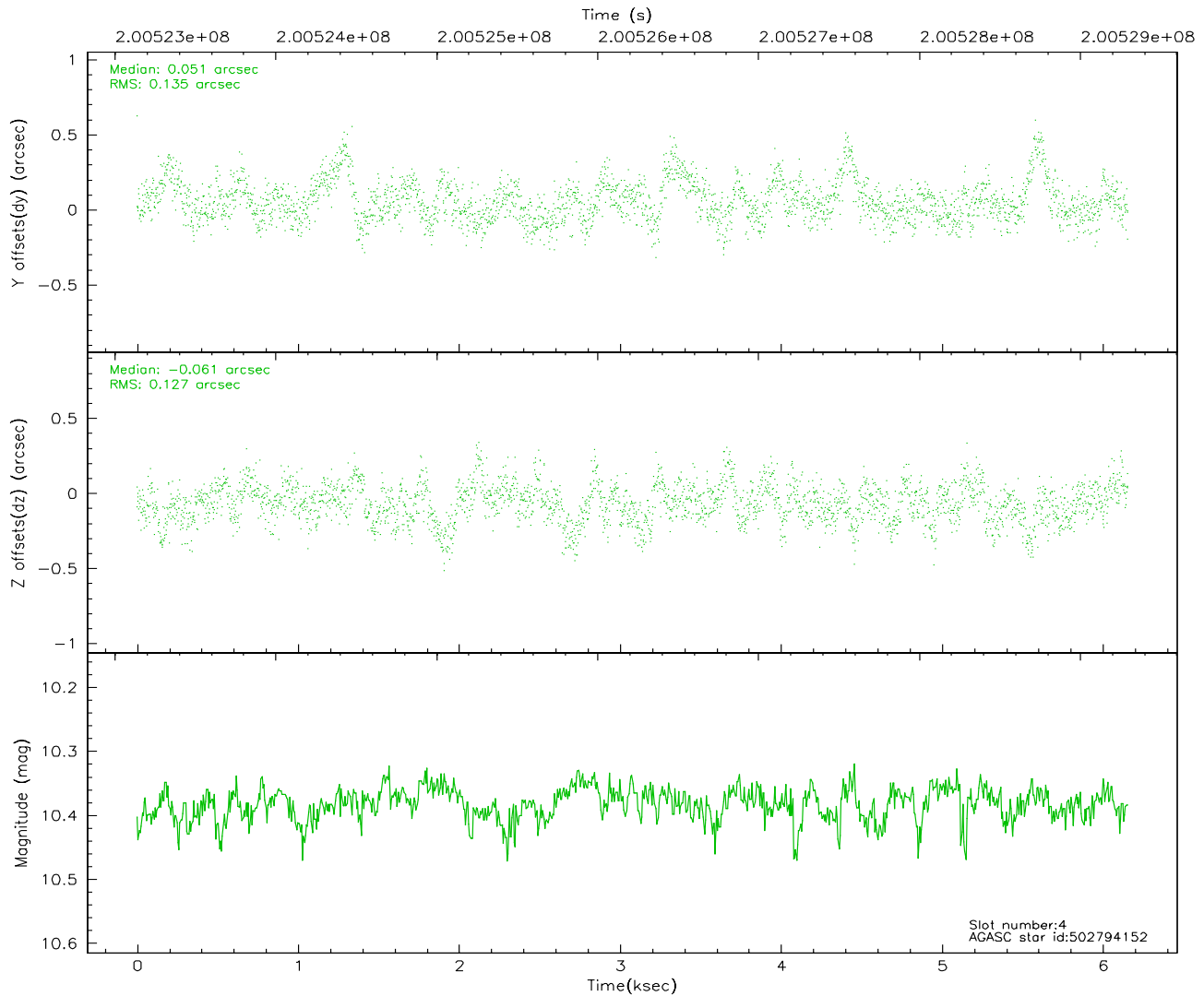
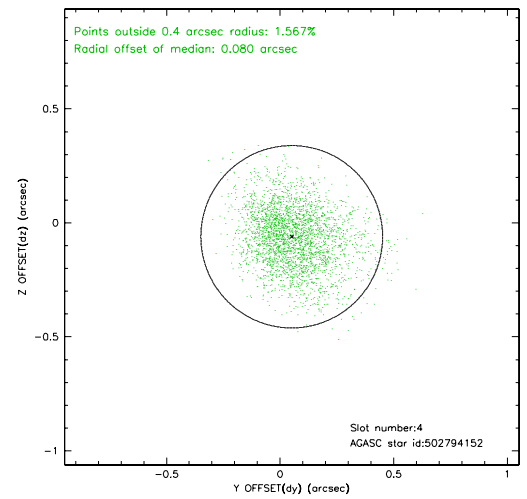
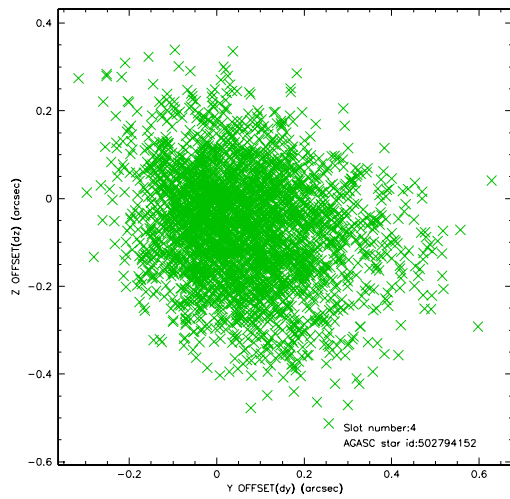
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	1502	0.011	0.025	0.008	0.013	0.000000	0.000000	-763.54	-1295.29
1	FID	HRC-I-2	7.00	1502	0.125	-0.107	0.007	0.011	0.000000	0.000000	848.70	-1297.88
2	FID	HRC-I-3	7.05	1502	-0.018	-0.007	0.006	0.011	0.000000	0.000000	-1191.45	1008.38
3	GUIDE	502793616	10.79	2991	0.146	-0.016	0.271	0.423	178.517911	55.423021	1552.56	-1183.59
4	GUIDE	502794152	10.38	3000	0.051	-0.061	0.191	0.331	178.195658	55.565439	1640.41	-2013.01
5	GUIDE	502795632	9.08	2996	-0.136	0.148	0.094	0.159	180.454171	55.827001	-2255.28	577.11
6	GUIDE	502796064	9.71	3002	-0.011	-0.085	0.126	0.203	178.783977	55.701683	454.88	-1494.78
7	GUIDE	502792376	9.89	2999	-0.059	0.014	0.135	0.219	180.437493	55.132253	-484.13	2343.07

2.4 Star Slots

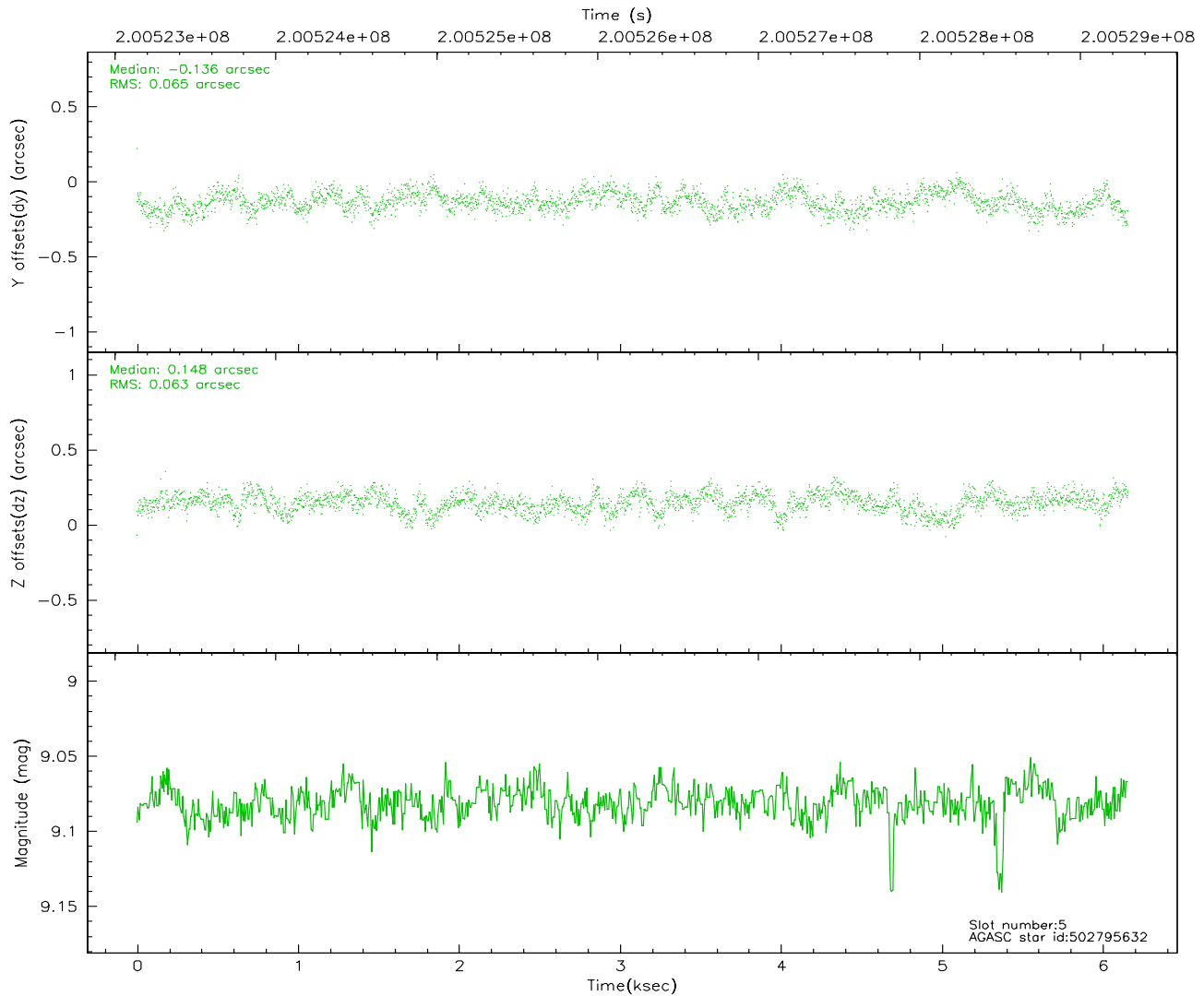
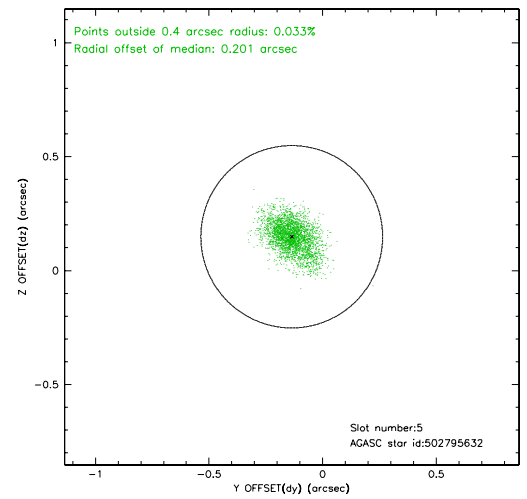
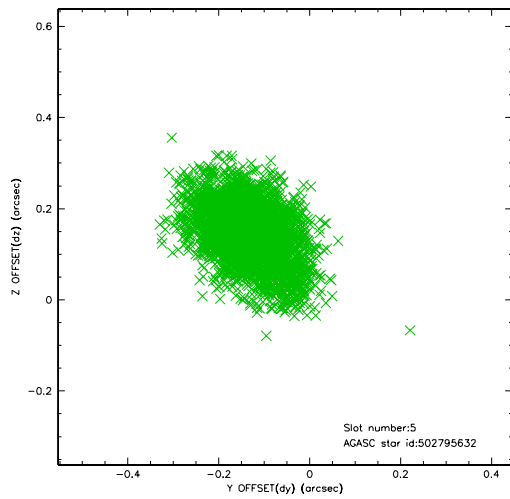
2.4.1 Slot 3



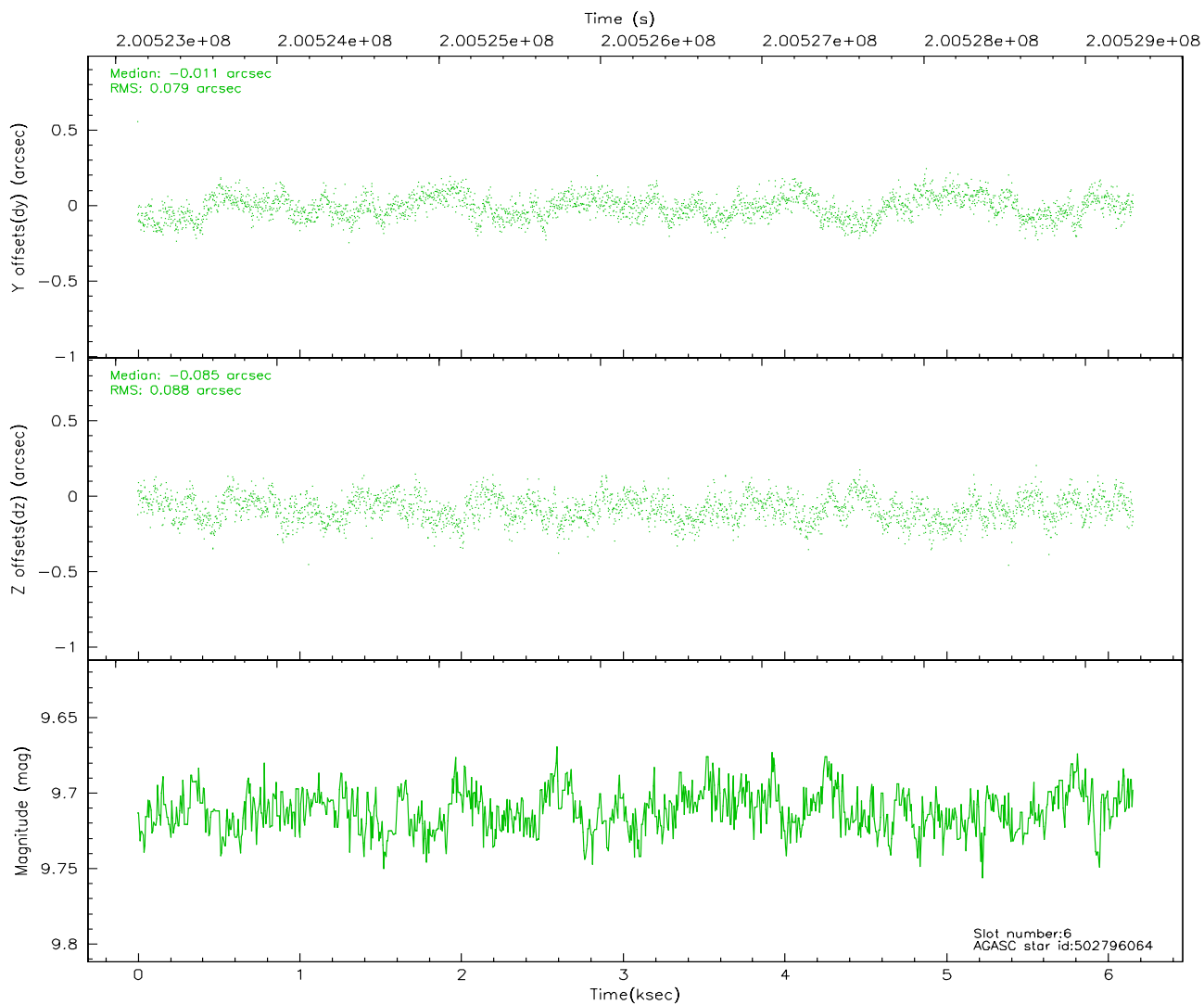
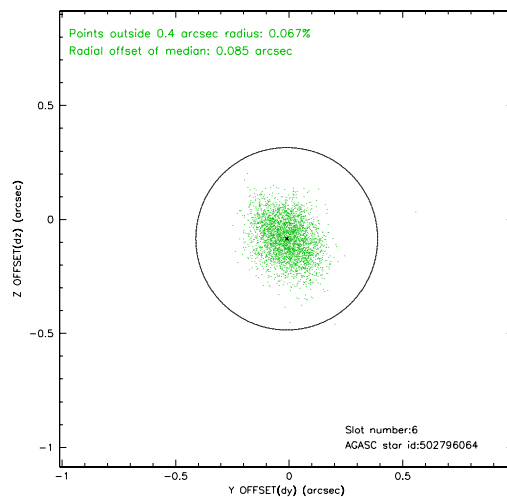
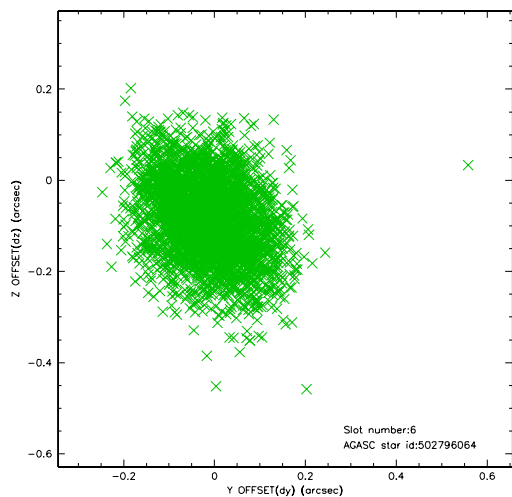
2.4.2 Slot 4



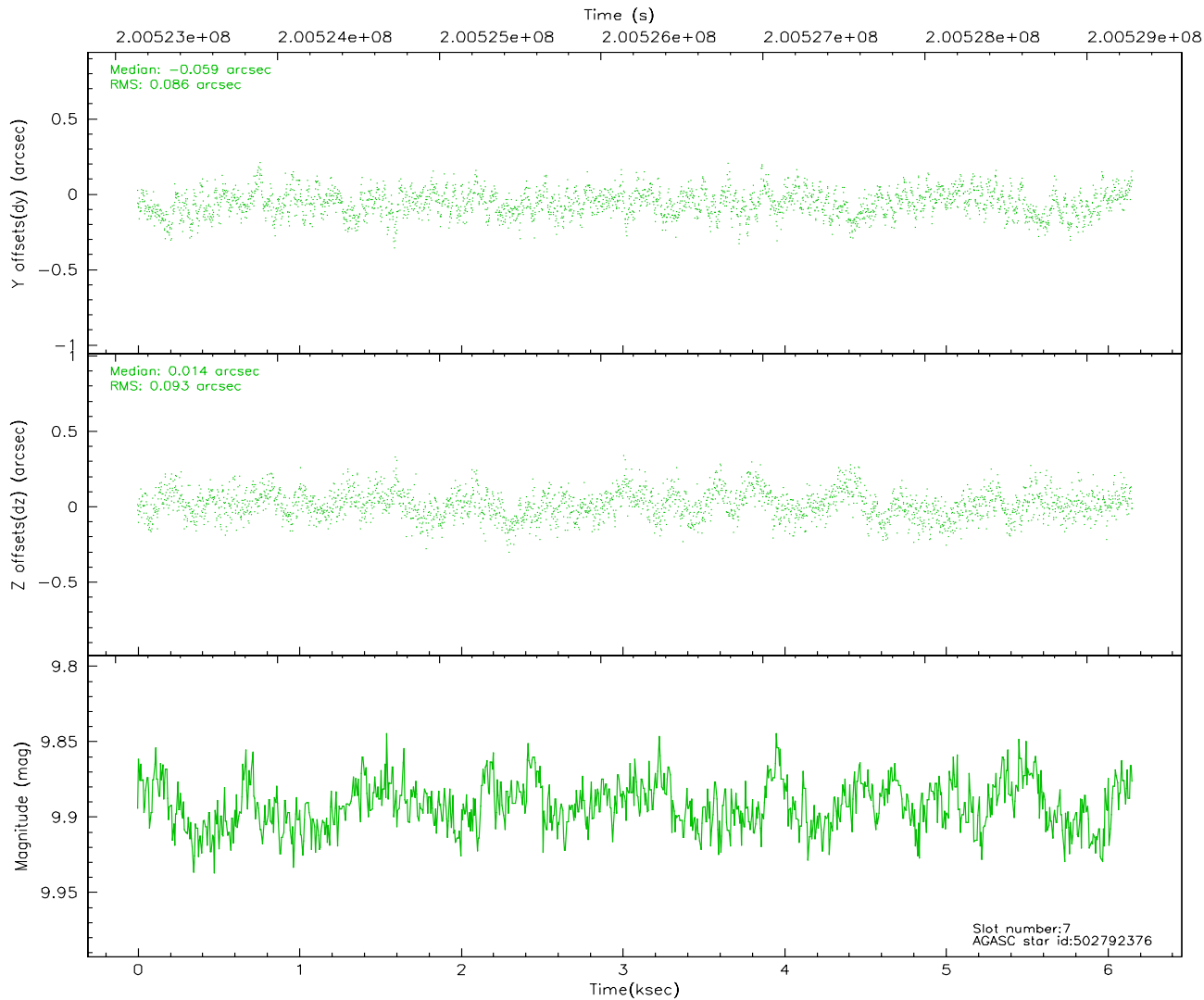
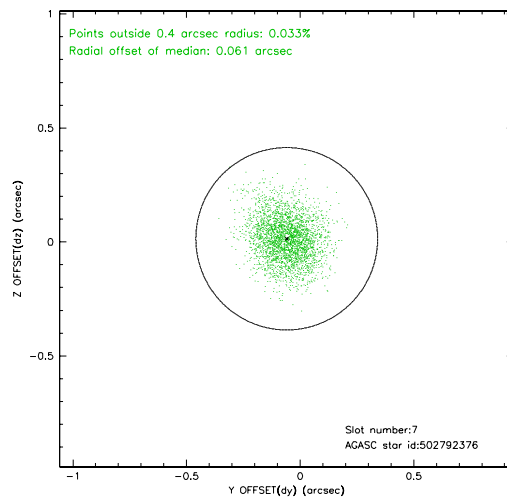
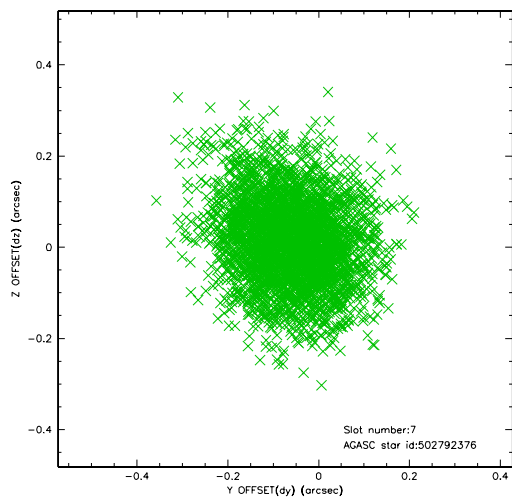
2.4.3 Slot 5



2.4.4 Slot 6

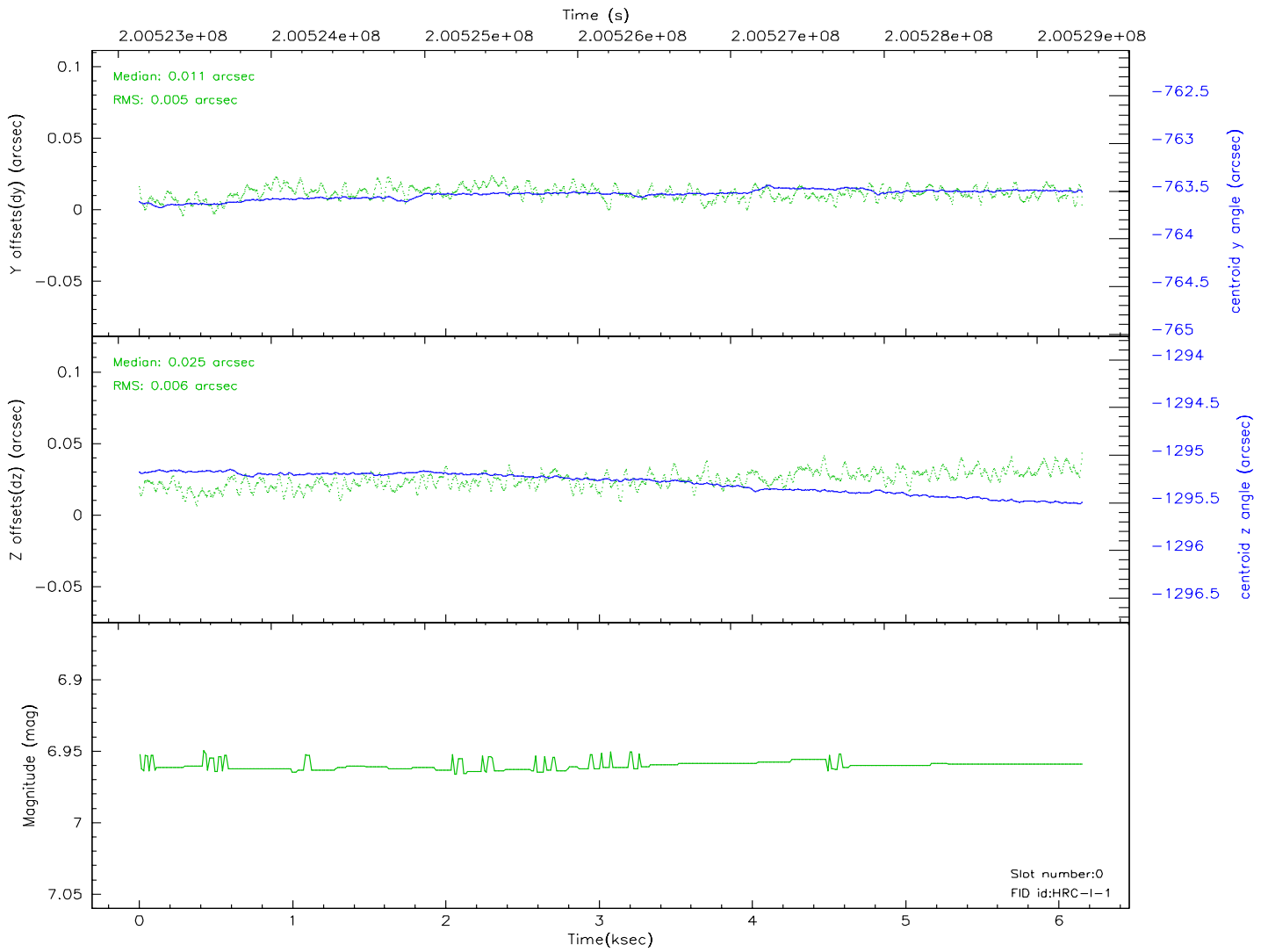
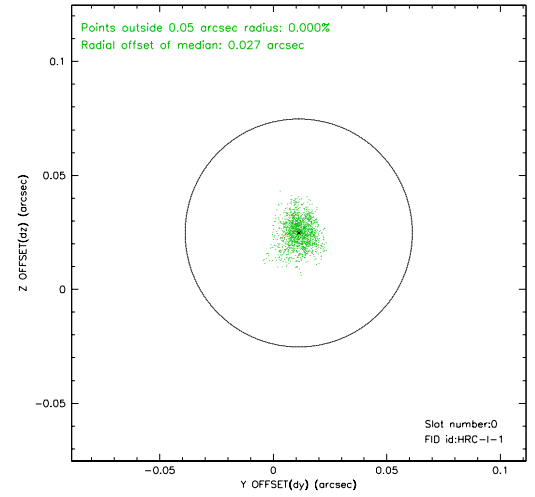
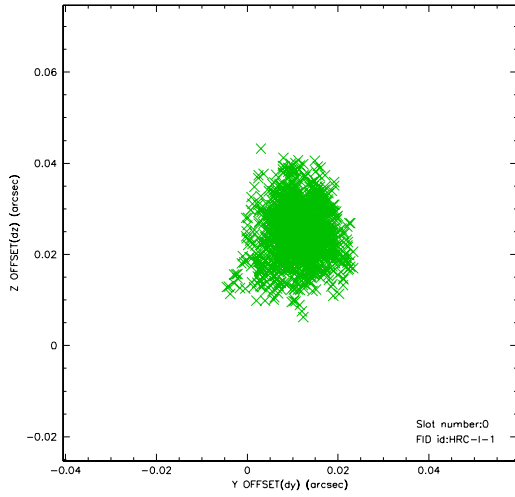


2.4.5 Slot 7

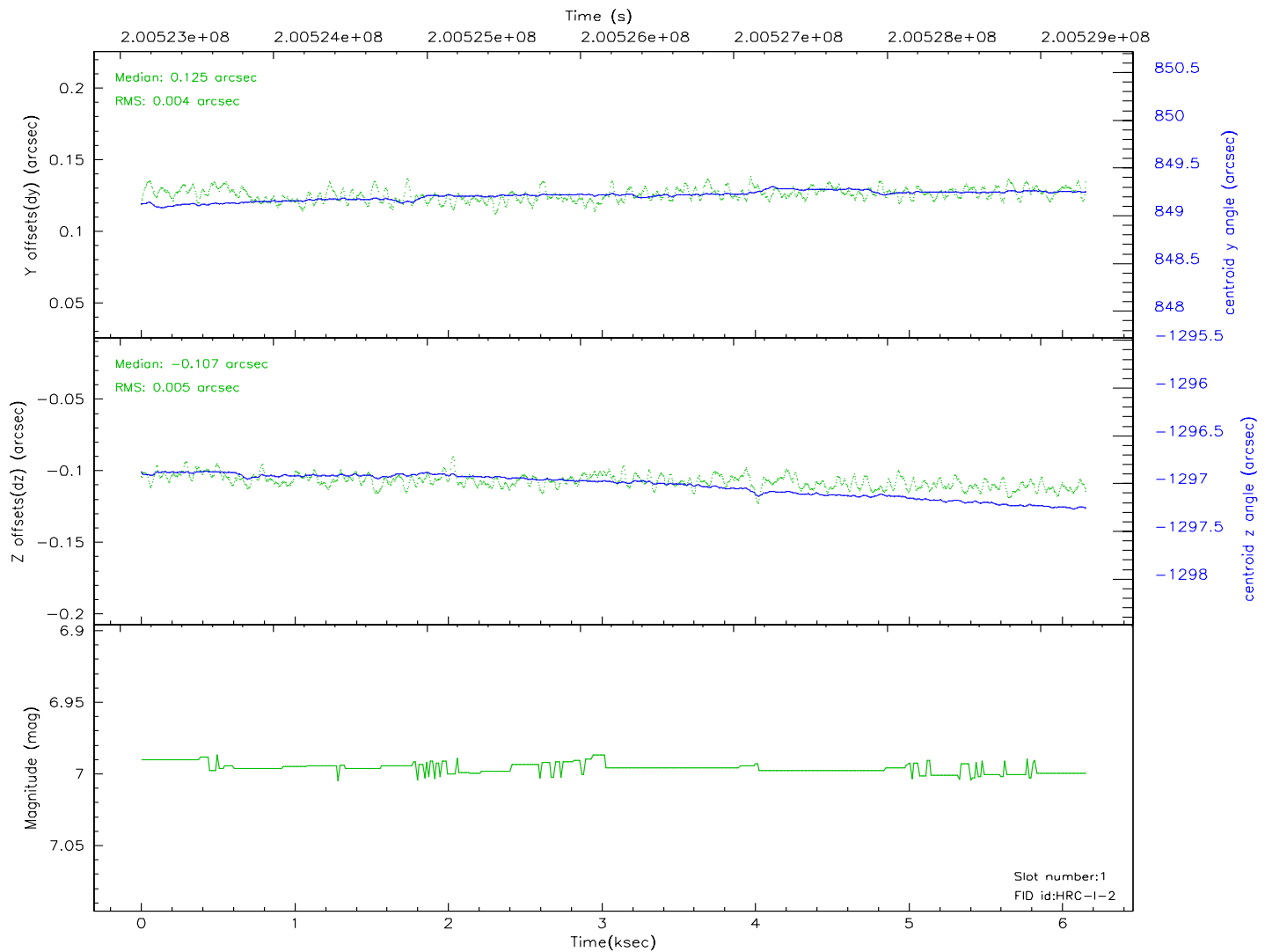
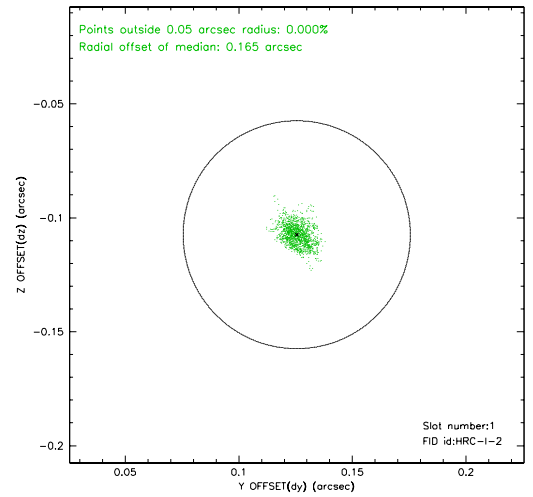
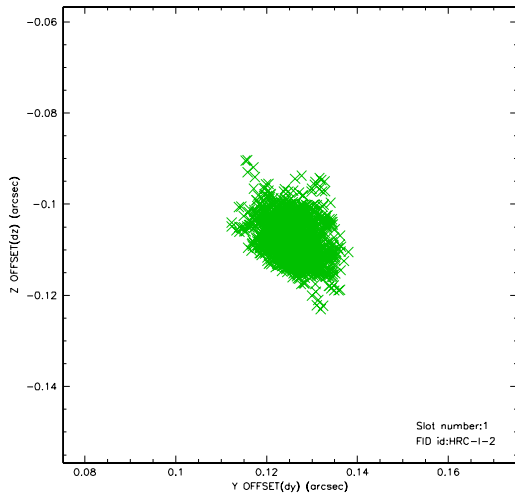


2.5 FID Slots

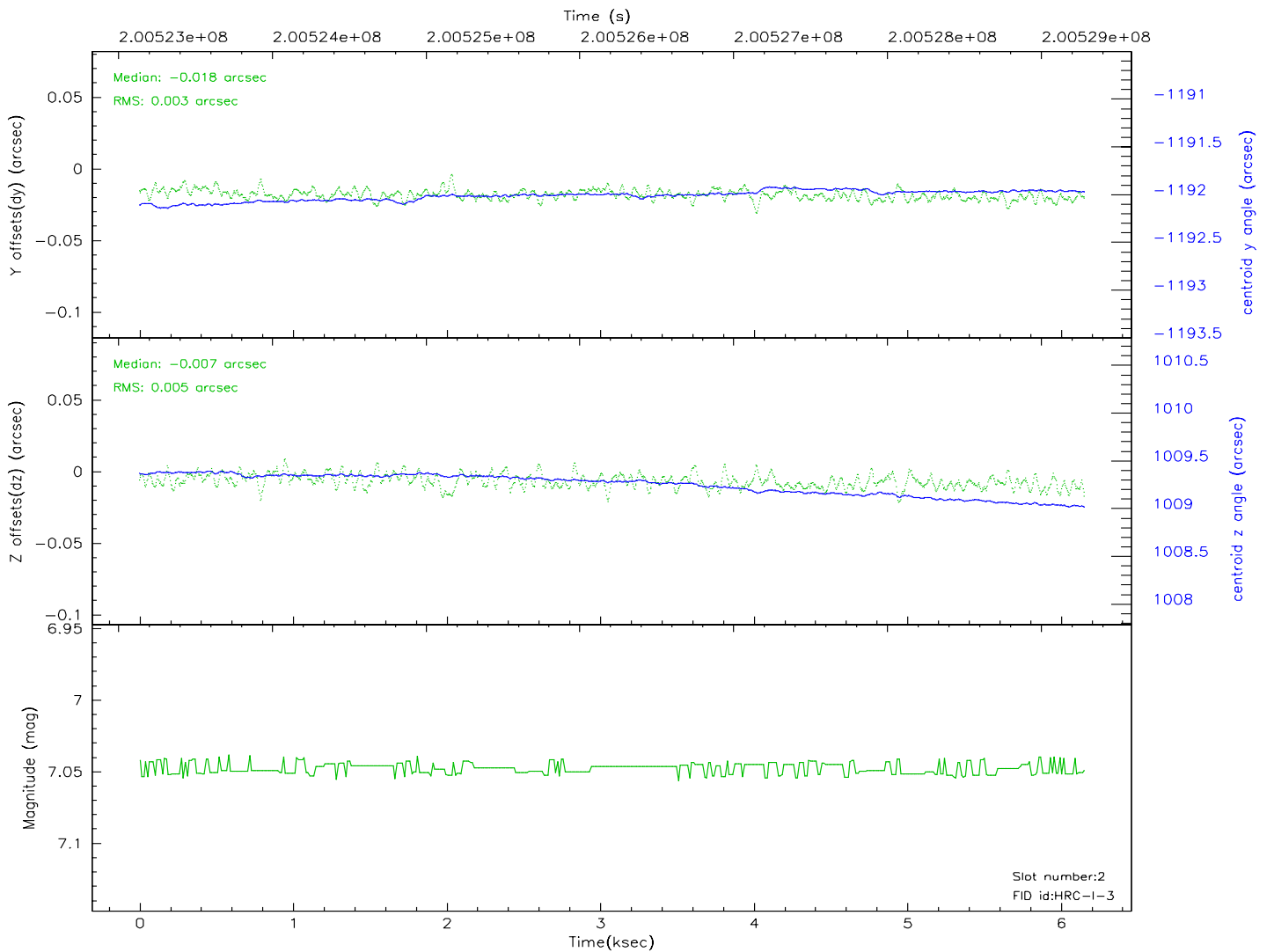
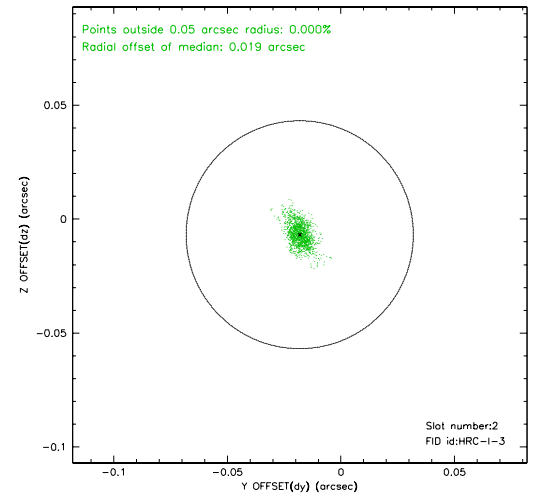
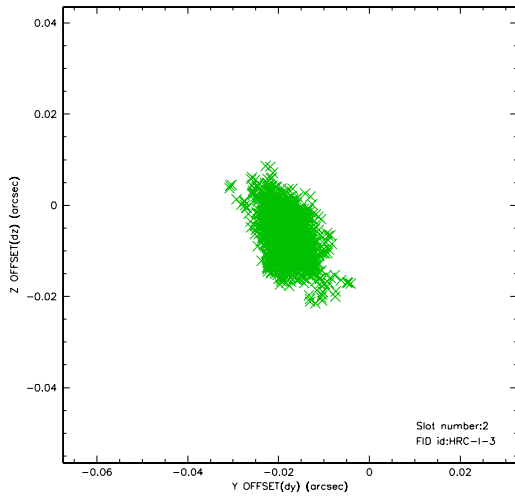
2.5.1 Slot 0



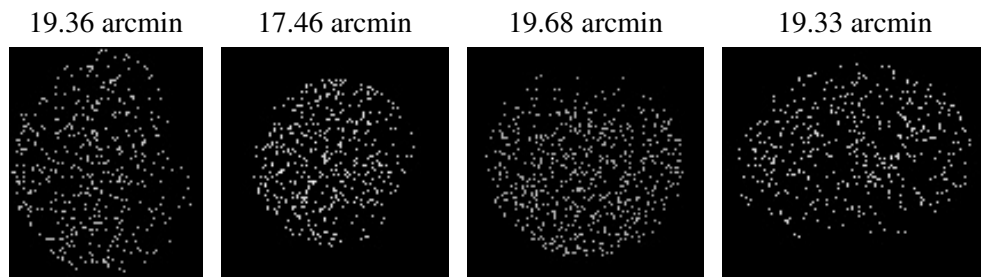
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.894

A.2 Comments

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.