

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3903 - L2 Version 3
Chandra X-Ray Center

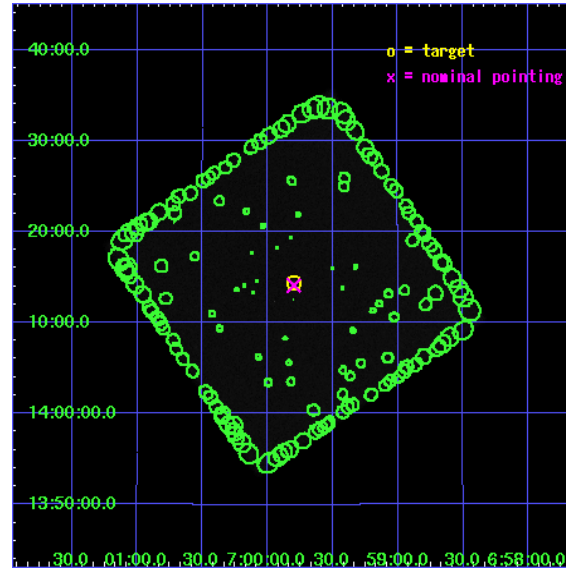
L2 Processing Date : Nov 21 2007

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1 Front

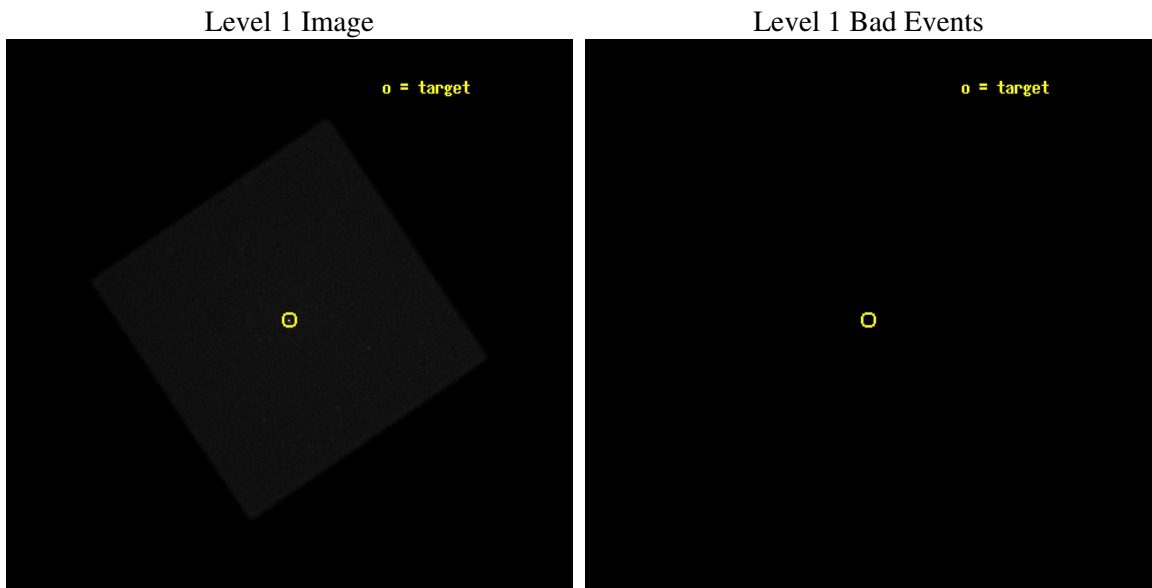
seq_num	500382
obs_id	3903
title	THE PULSAR WIND NEBULA AROUND PSR 0656+14
observer	Dr. Vyacheslav Zavlin
object	PSR B0656+14
ra_targ	104.950417
dec_targ	14.239306
ra_nom	104.94954747868
dec_nom	14.235223452031
roll_nom	280.90905075483
revision	3
ontime	40239.451688468
livetime	40017.414215914
l2events	1234868



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	2007-11-22T01:30:02
revision	3

sched_exp_time	40368.437000
ontime	40239.451688468
l1events	1784876

2.1.3 Events

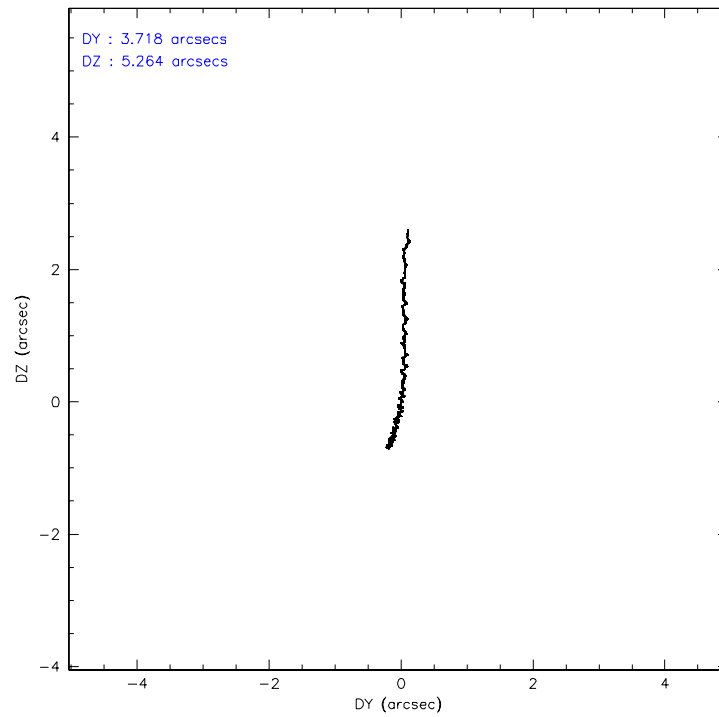
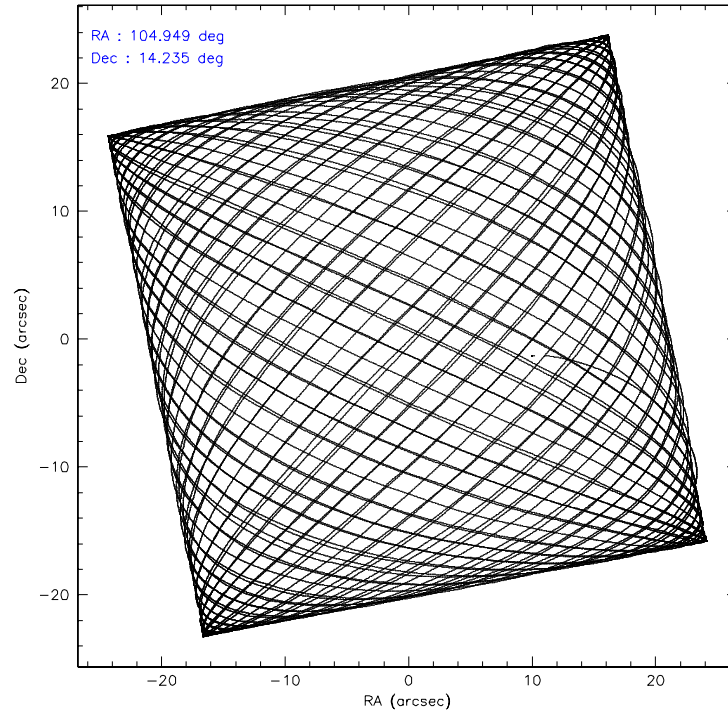
Level 1 Events

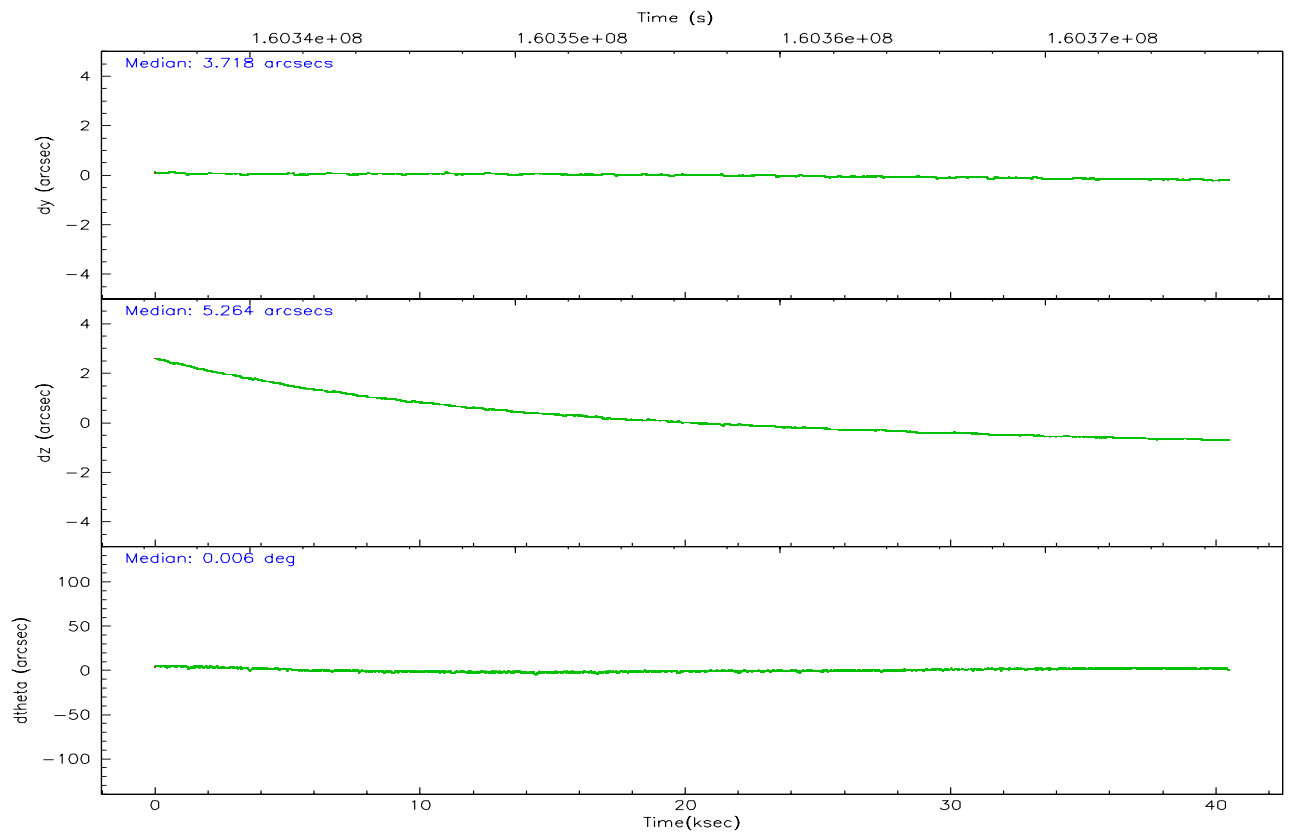
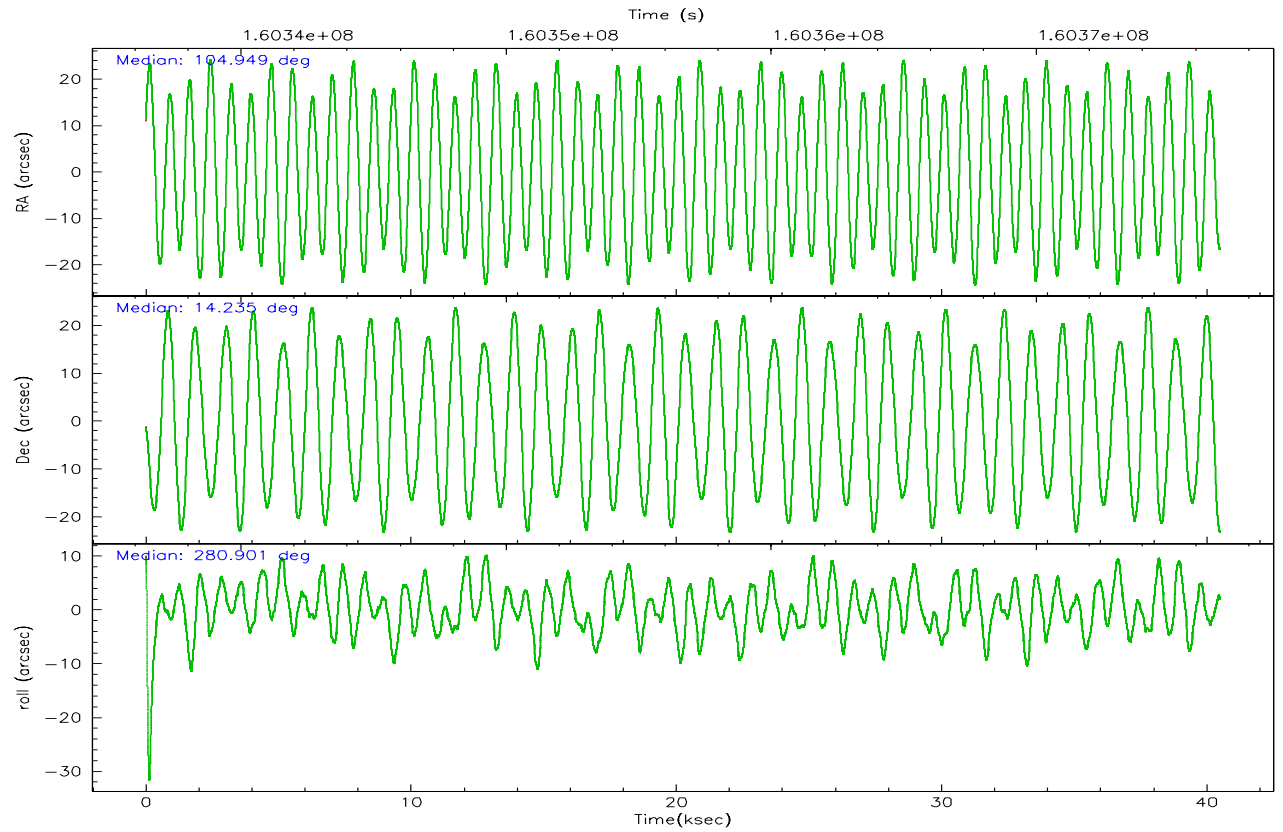
	segment 0
level 1 events	1784876
rejected events	3130
rejected %	0%

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	104.930746	104.9495474786841			
Pointing Dec	14.255296	14.23522345203059			
Pointing Roll	281.009149	280.9090507548293			
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	160336553.184000	160335760.57482			
Observation start date	2003-01-30T17:54:49	2003-01-30T17:42:40			
Observation end time	160376921.184000	160377235.66406			
Observation end date	2003-01-31T05:07:37	2003-01-31T05:13:55			

2.3 Aspect



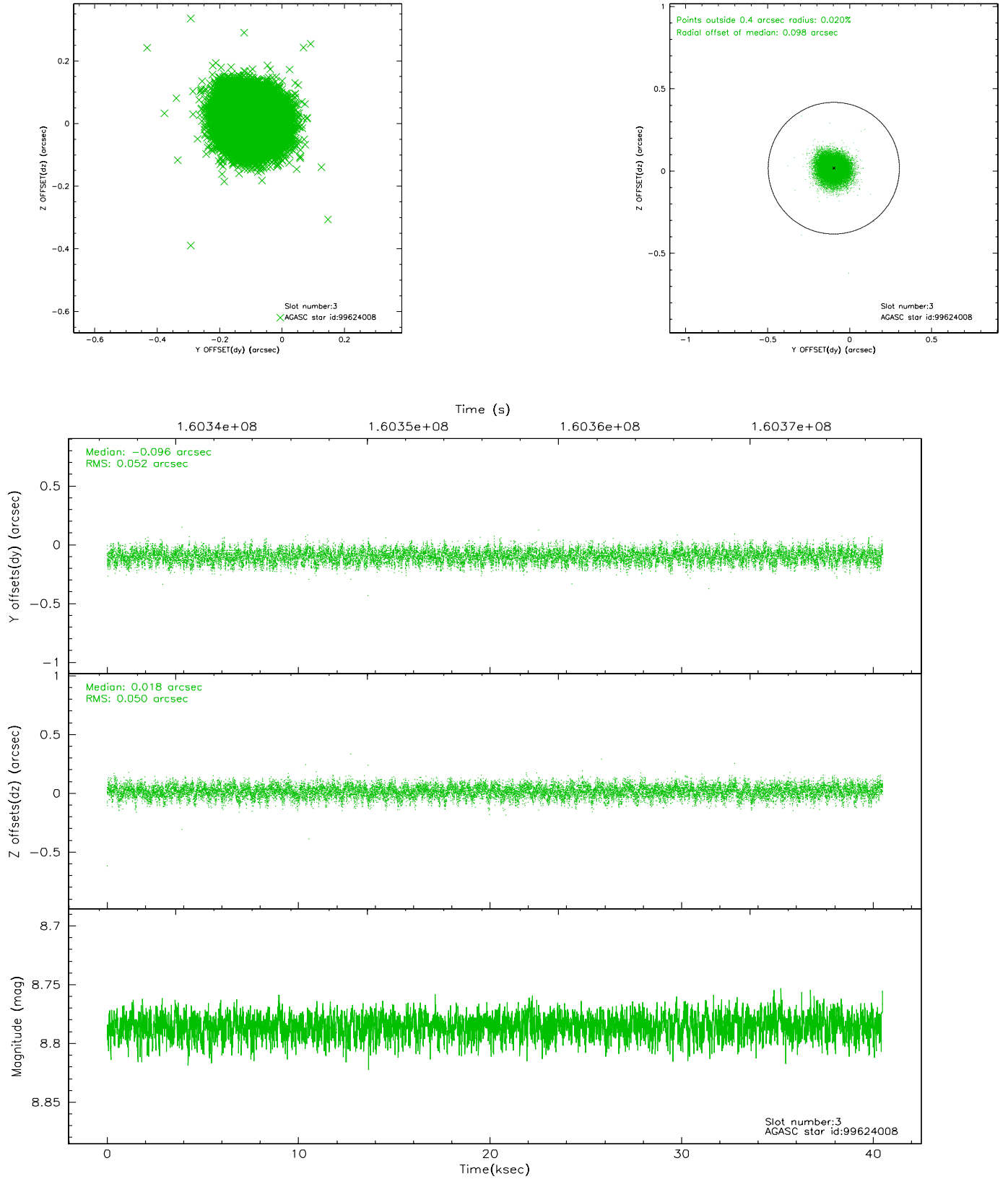


Slot Statistics

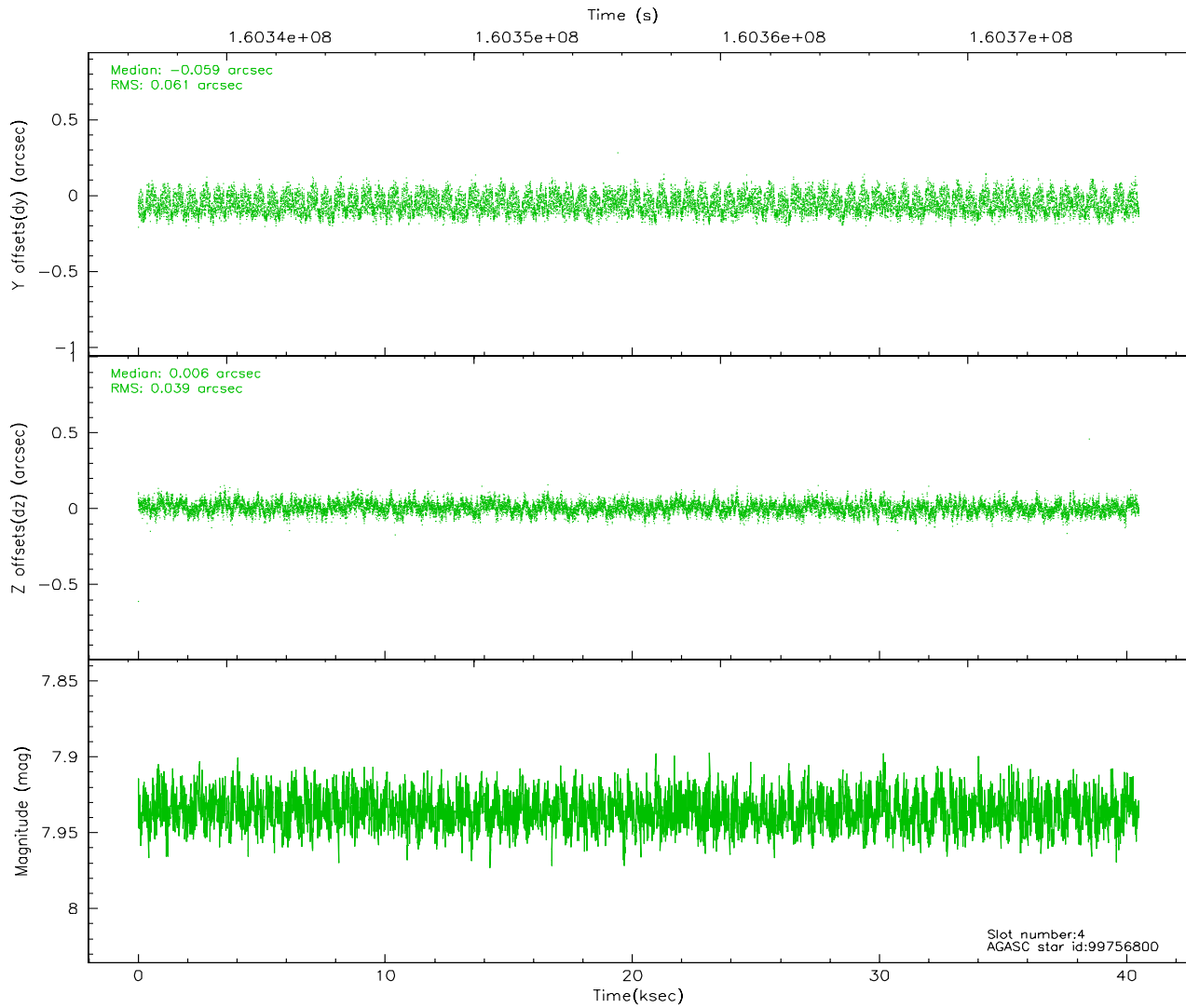
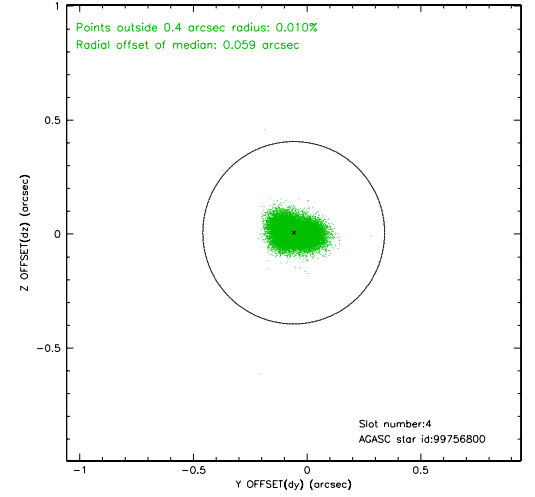
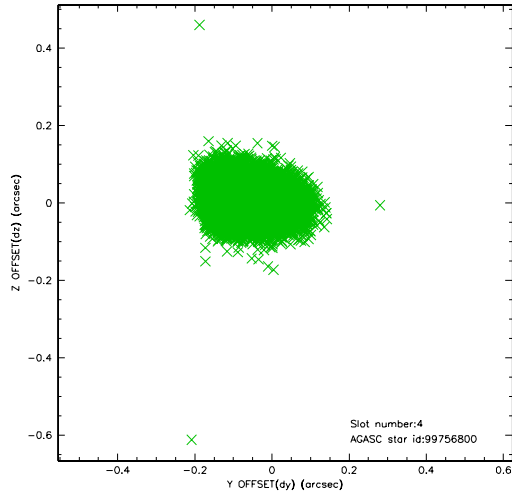
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	9879	-0.001	-0.018	0.022	0.034	0.000000	0.000000	-759.13	-1293.40
1	FID	HRC-I-2	7.06	9879	0.106	-0.063	0.015	0.039	0.000000	0.000000	853.52	-1295.09
2	FID	HRC-I-3	7.11	9877	0.013	-0.010	0.015	0.046	0.000000	0.000000	-1187.61	1011.04
3	GUIDE	99624008	8.79	19757	-0.096	0.018	0.077	0.123	104.277882	14.725153	-2097.35	-1907.71
4	GUIDE	99756800	7.94	19754	-0.059	0.006	0.078	0.122	105.449167	14.846974	-1748.73	2178.01
5	GUIDE	99629536	9.60	19704	-0.028	0.002	0.127	0.209	104.248105	14.255832	-459.79	-2336.62
6	GUIDE	99622000	8.85	19756	0.109	0.071	0.080	0.127	104.781578	13.702906	1852.60	-891.36
7	GUIDE	99763912	9.47	19680	0.074	-0.094	0.130	0.211	105.524153	14.729731	-1284.68	2354.78

2.4 Star Slots

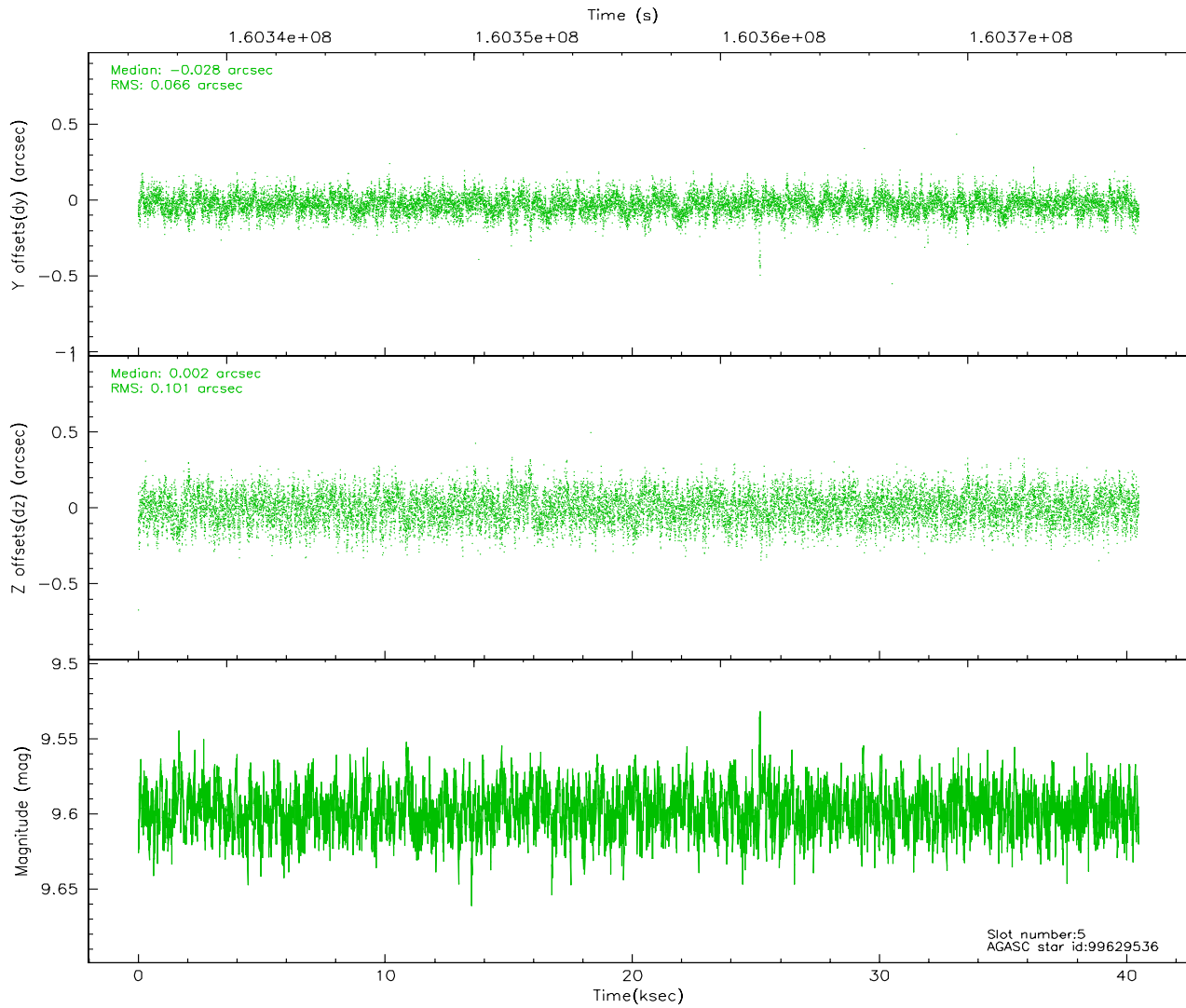
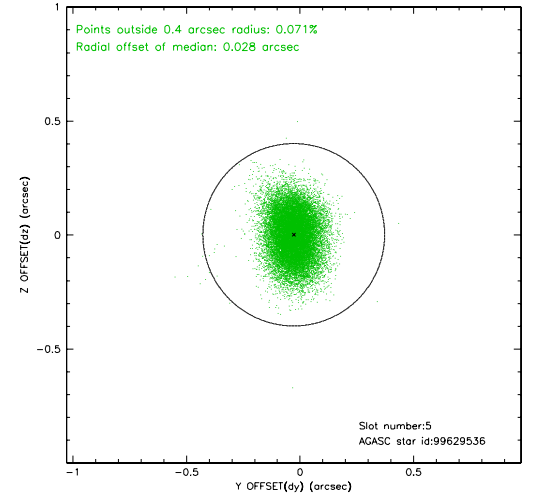
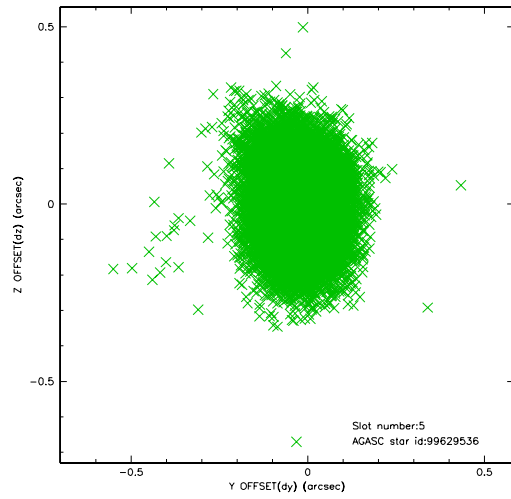
2.4.1 Slot 3



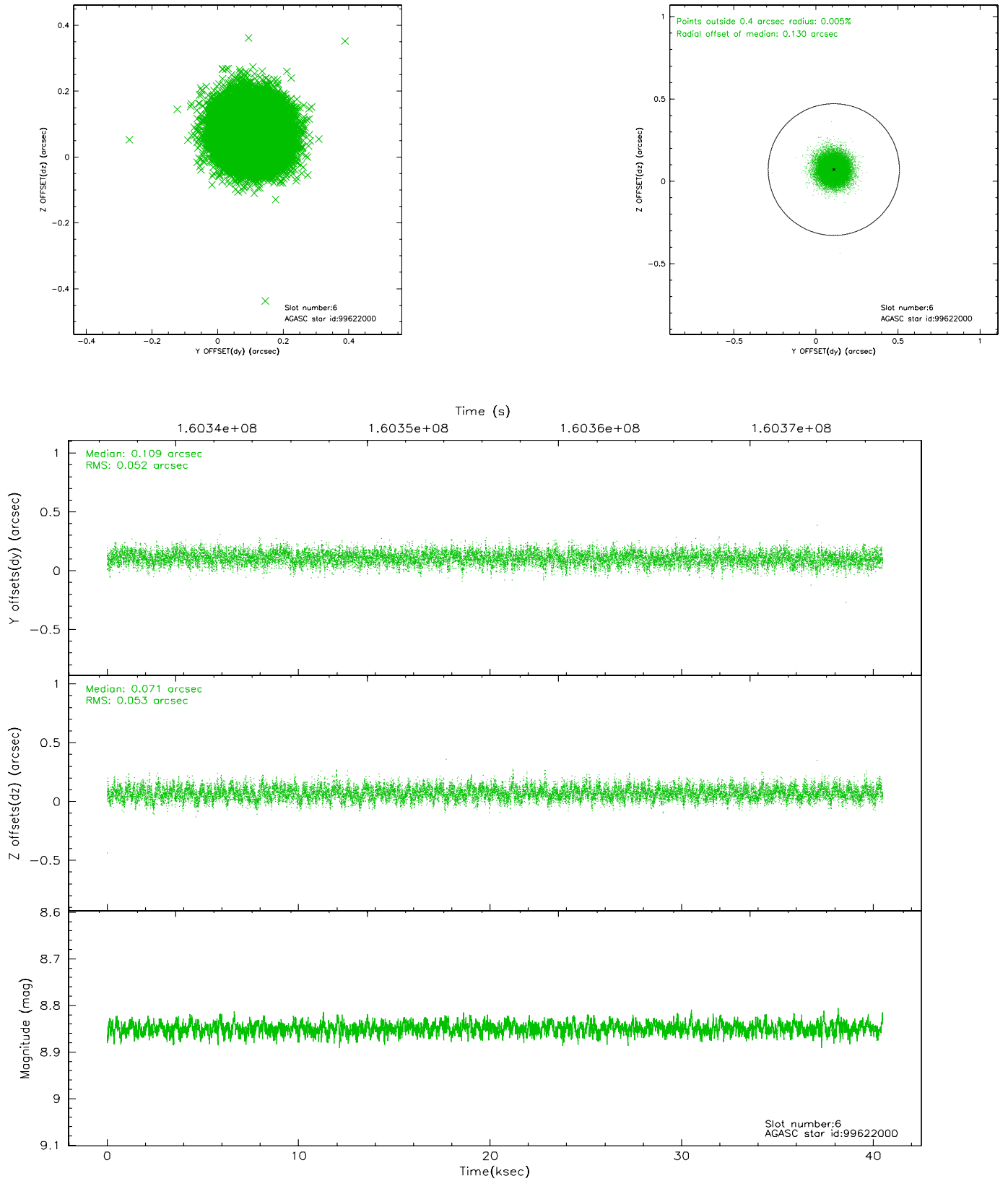
2.4.2 Slot 4



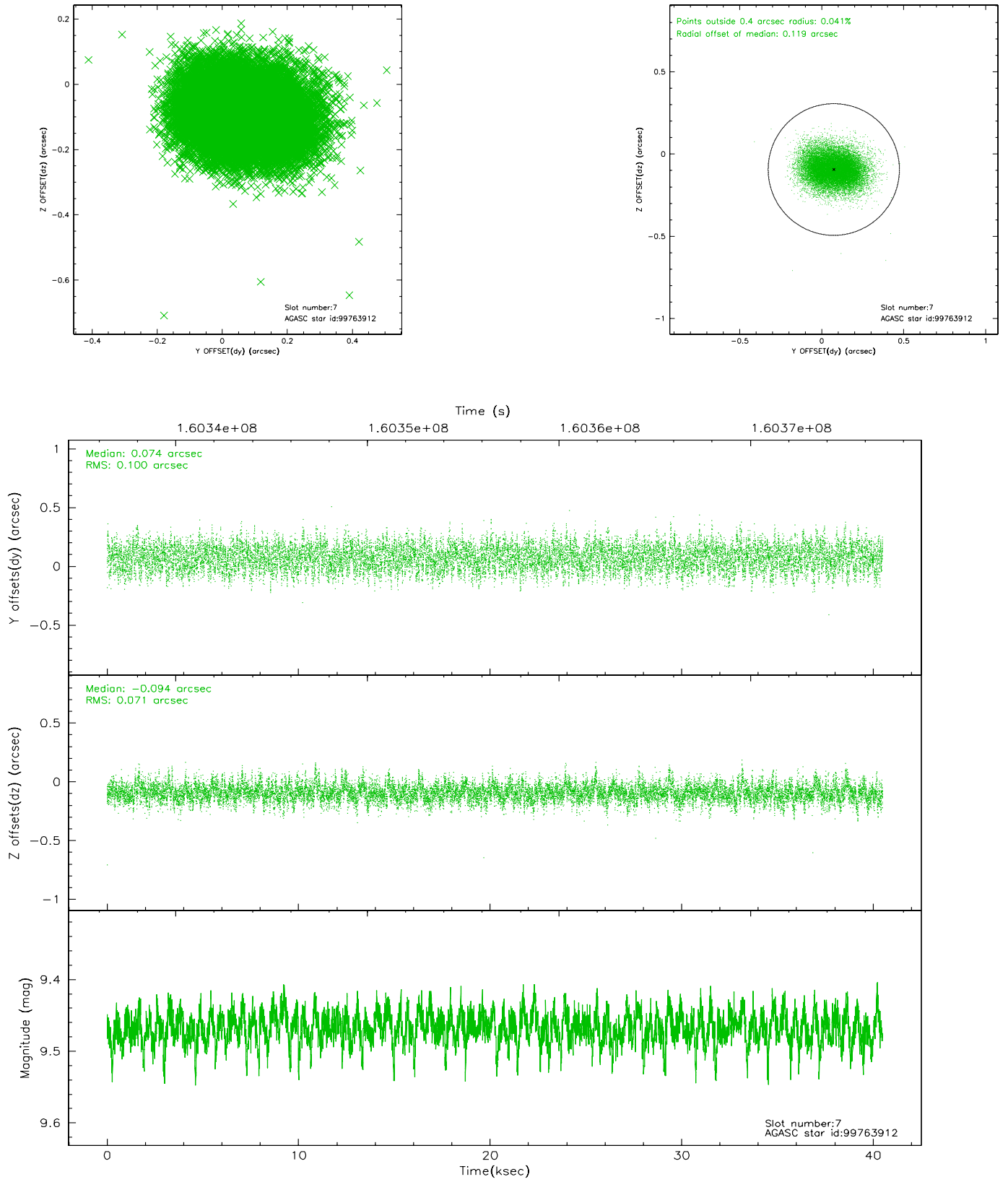
2.4.3 Slot 5



2.4.4 Slot 6

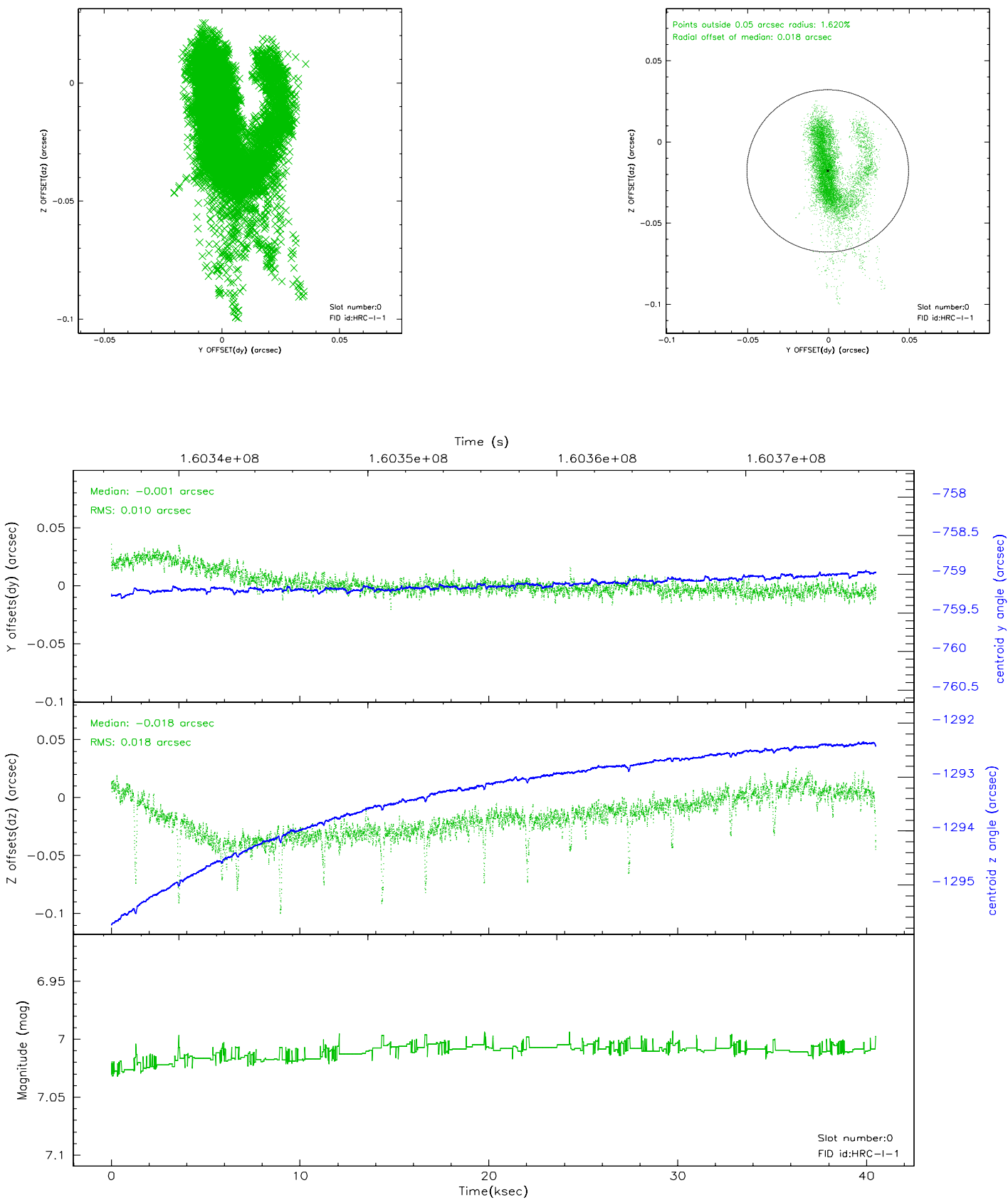


2.4.5 Slot 7

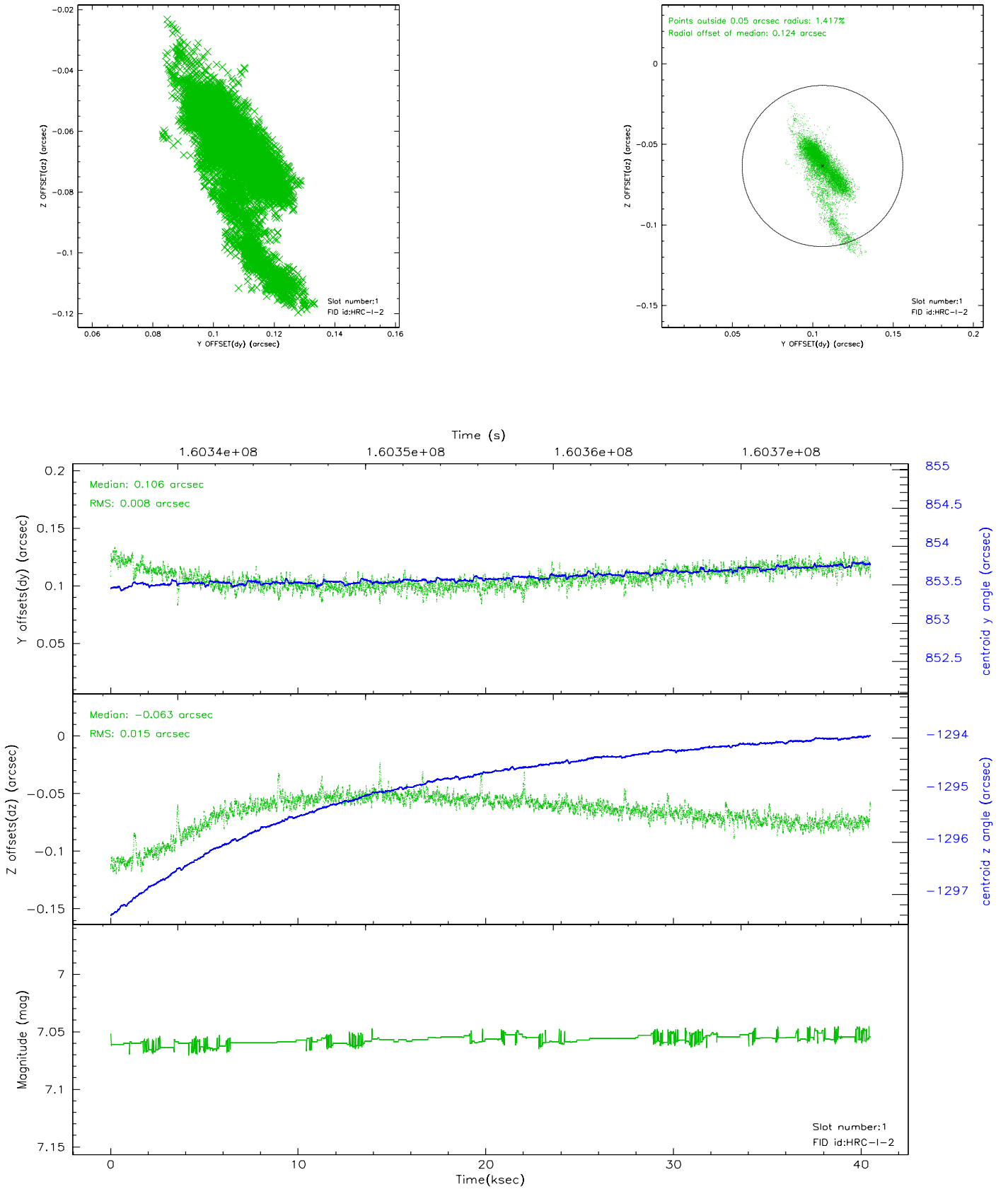


2.5 FID Slots

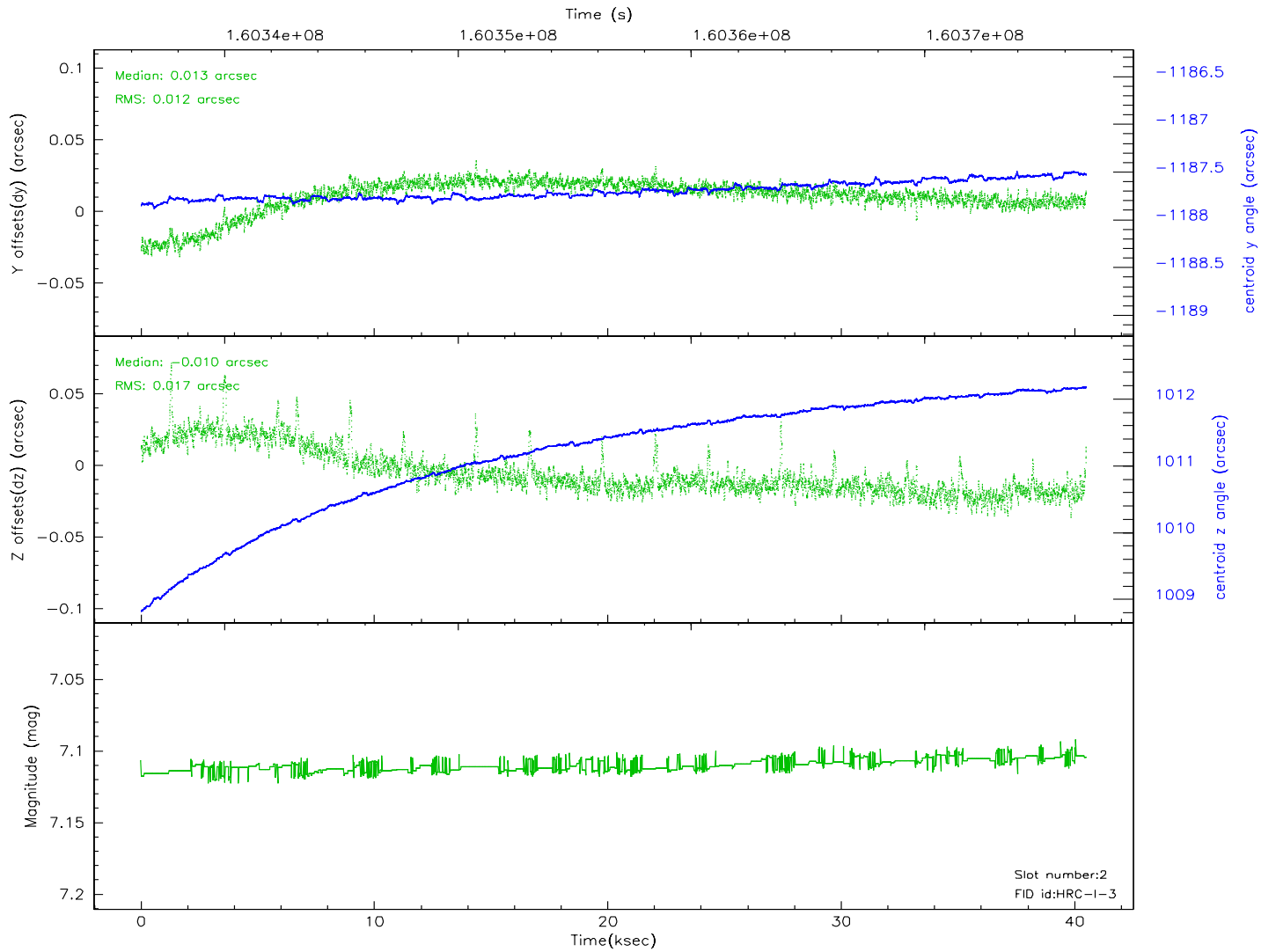
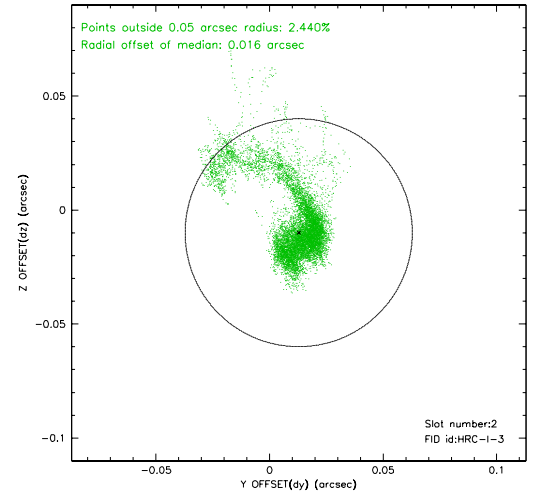
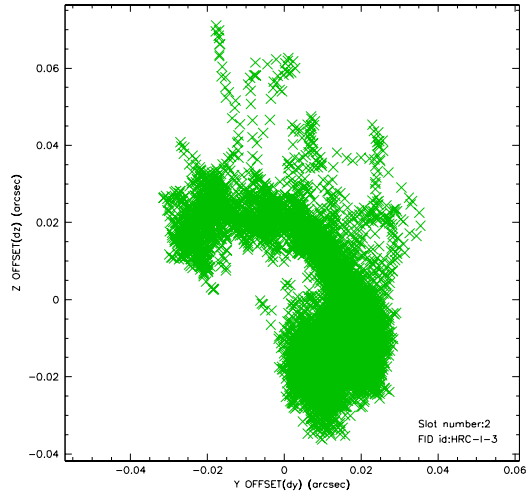
2.5.1 Slot 0



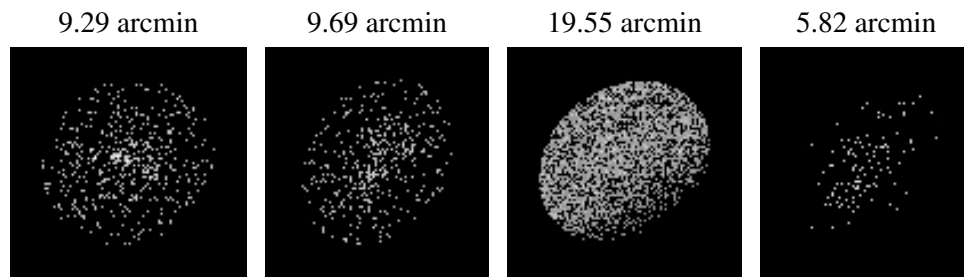
2.5.2 Slot 1



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	40.24

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.