

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6298 - L2 Version 3
Chandra X-Ray Center

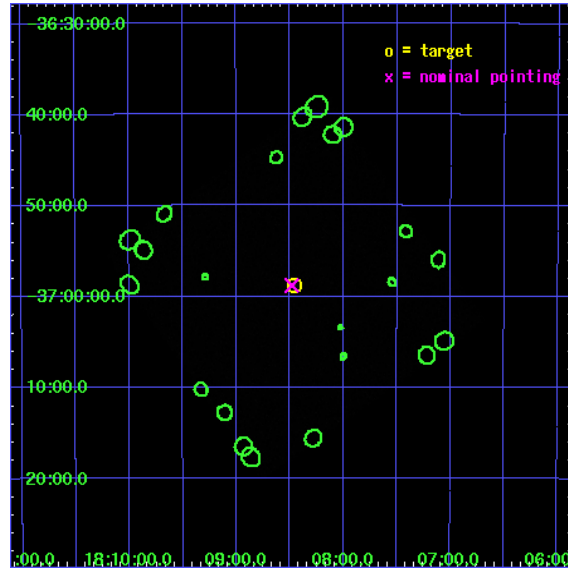
L2 Processing Date : Nov 24 2007

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1 Front

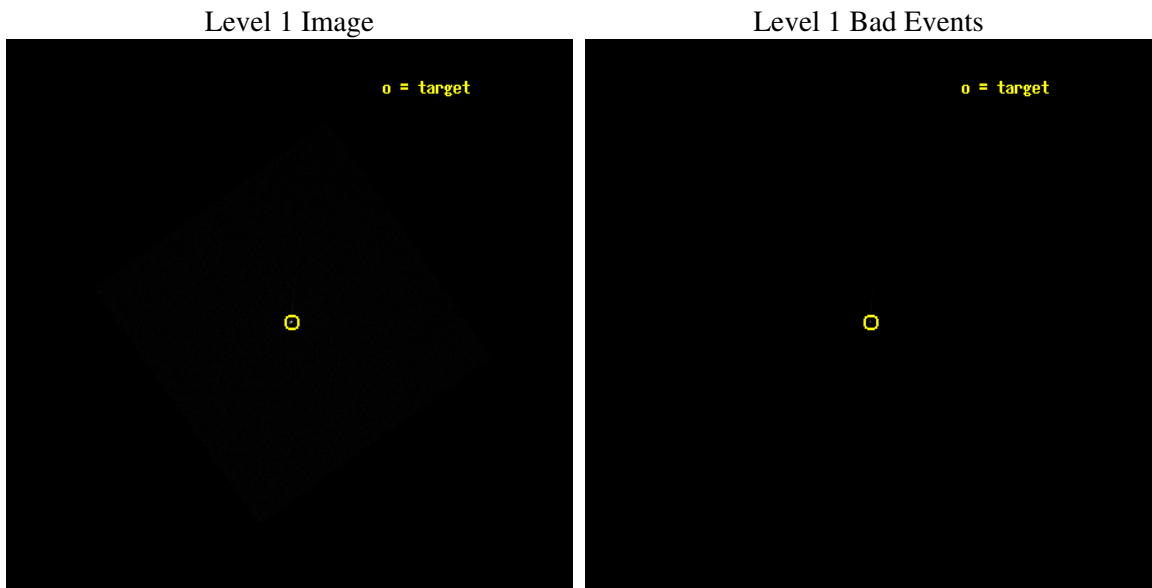
seq_num	400470
obs_id	6298
title	Search for X-Ray Jets from a Millisecond Pulsar
observer	Prof. Deepto Chakrabarty
object	SAX J1808.4-3658
ra_targ	272.114583
dec_targ	-36.978972
ra_nom	272.12012184011
dec_nom	-36.980092235363
roll_nom	9.7224081925825
revision	3
ontime	4767.531467706
livetime	4729.2999835954
l2events	243260



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	2007-11-24T15:37:09
revision	3

sched_exp_time	5000.000000
ontime	4767.531467706
l1events	386631

2.1.3 Events

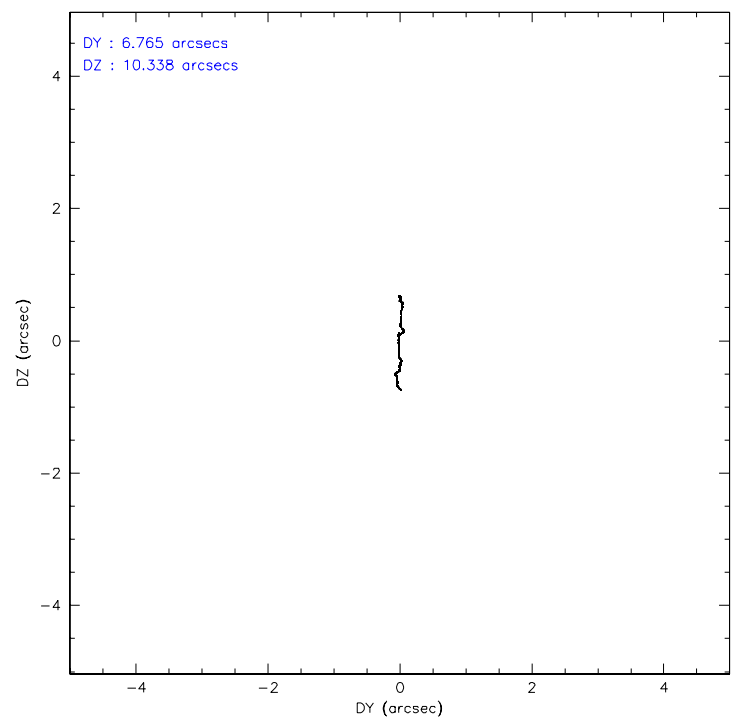
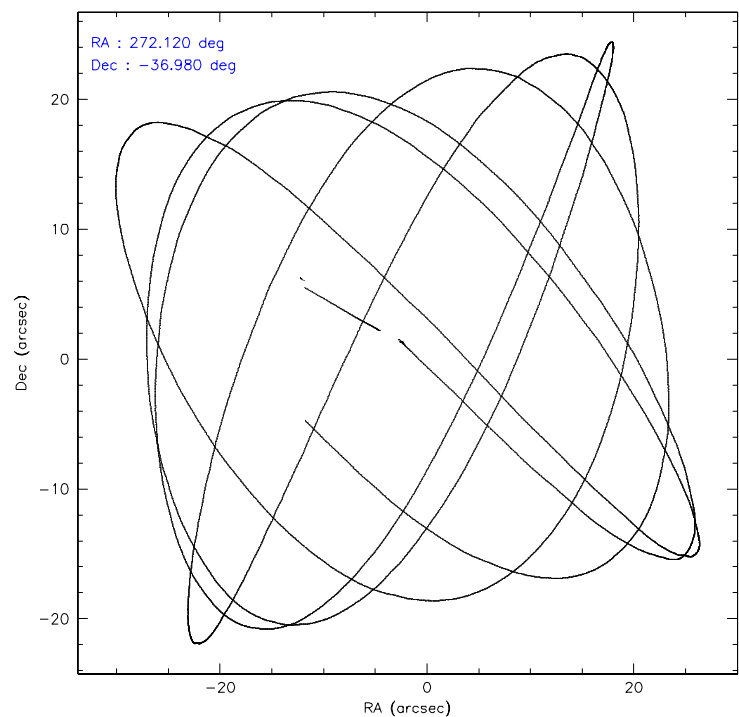
Level 1 Events

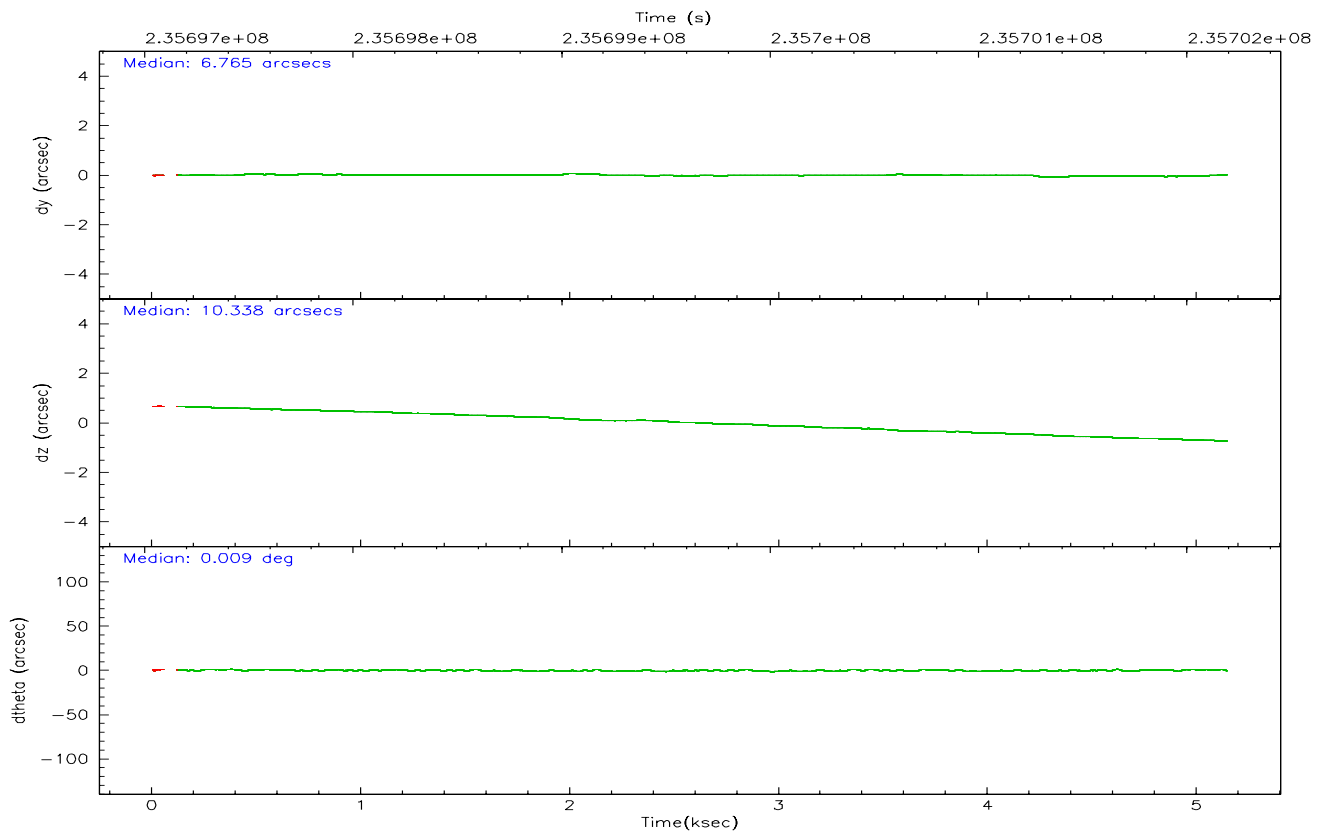
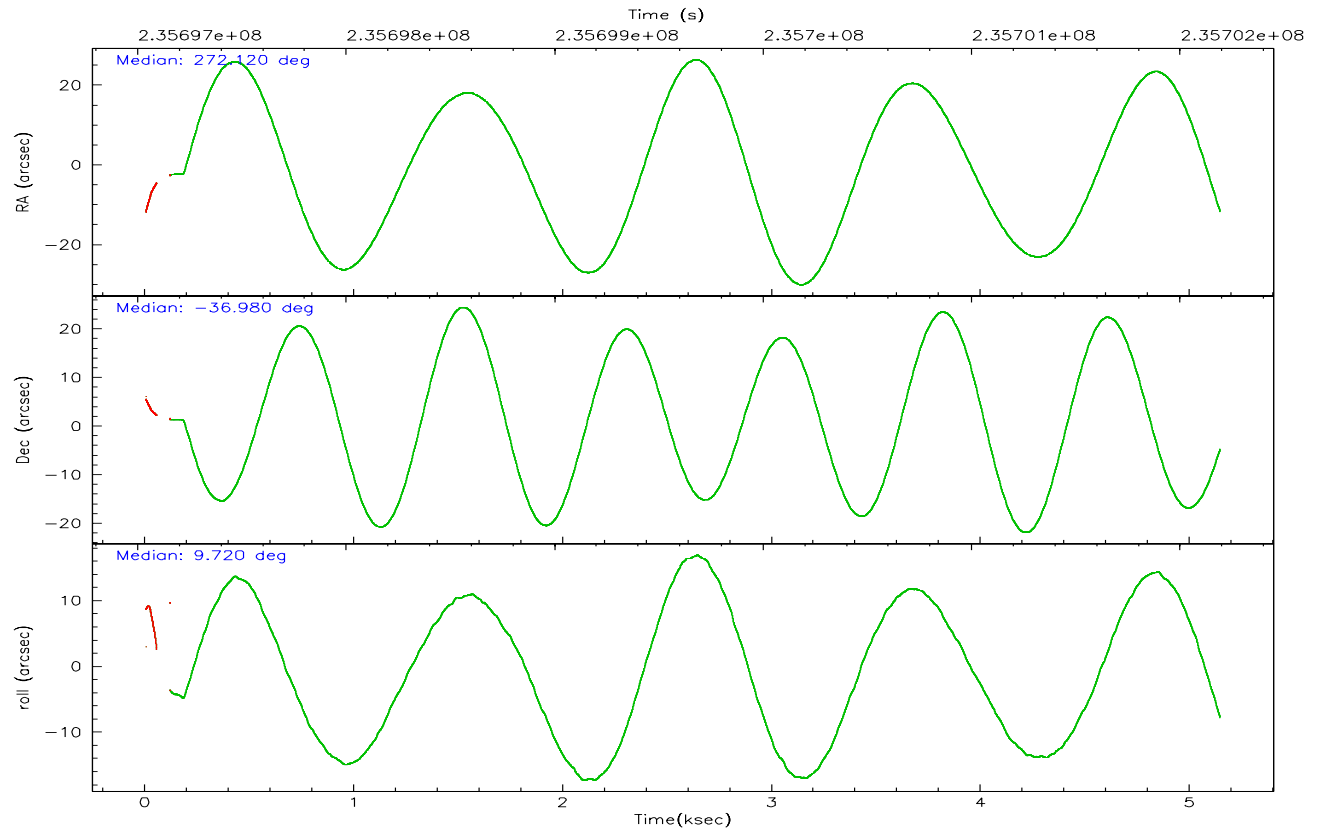
	segment 0
level 1 events	386631
rejected events	51456
rejected %	13%

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	272.094078	272.1201218401134			
Pointing Dec	-36.997696	-36.98009223536291			
Pointing Roll	9.802186	9.72240819258252			
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	235697188.184000	235695882.04483			
Observation start date	2005-06-20T23:25:24	2005-06-20T23:04:42			
Observation end time	235702188.184000	235703017.07016			
Observation end date	2005-06-21T00:48:44	2005-06-21T01:03:37			

2.3 Aspect



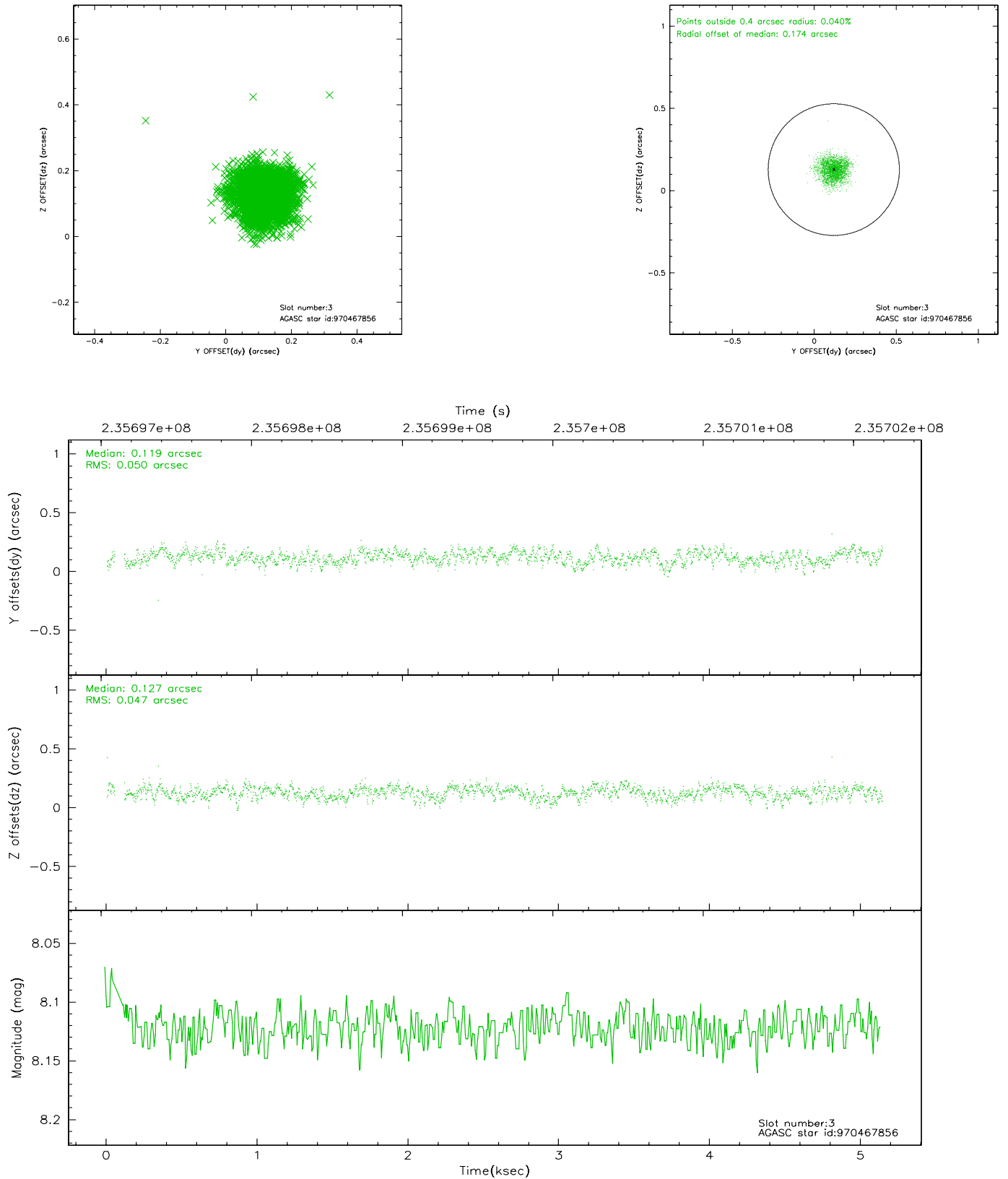


Slot Statistics

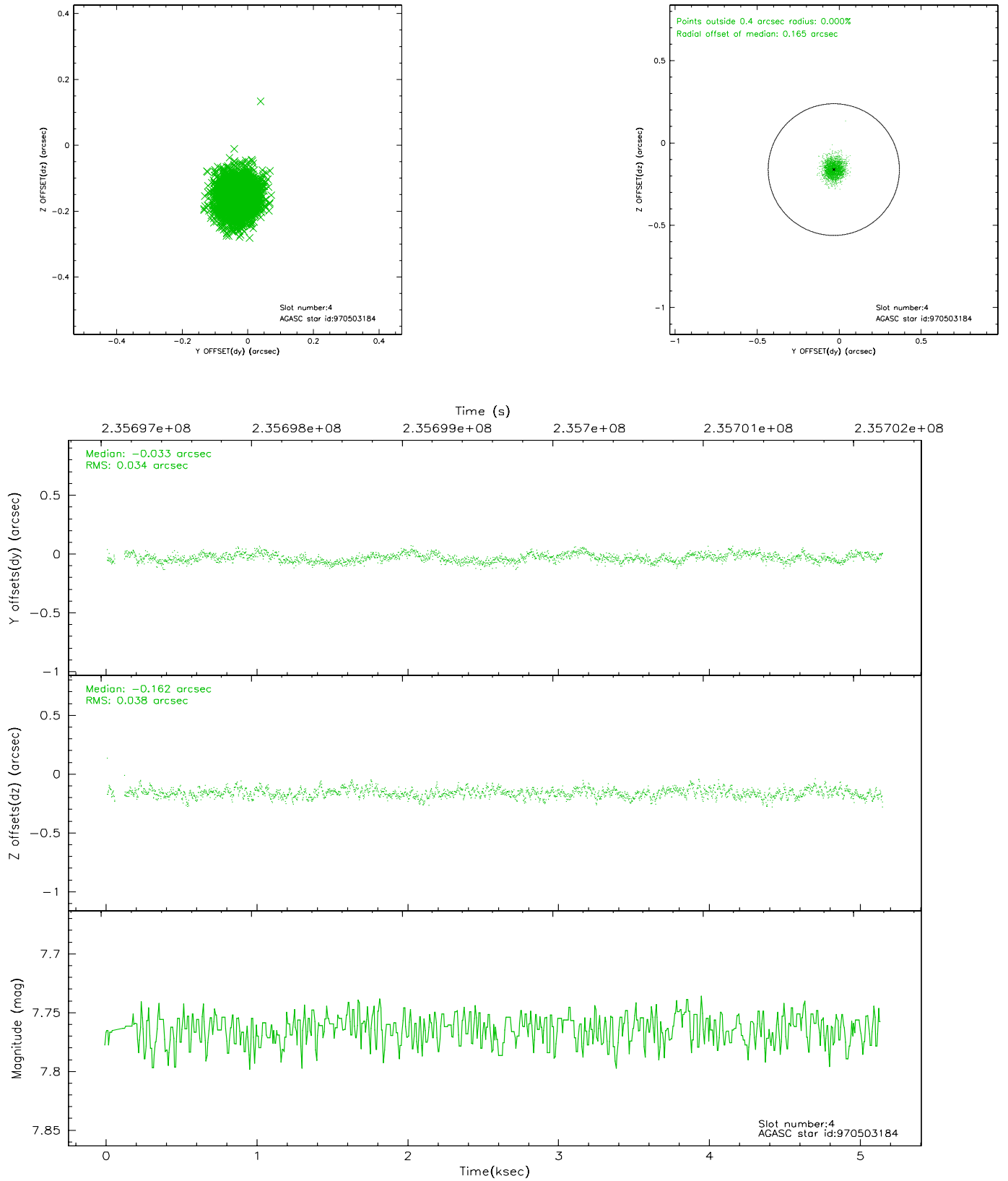
	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2
	FID	HRC-I-1	7.00	1240	-0.006	-0.018	0.015	0.022
	FID	HRC-I-3	7.09	1240	-0.040	-0.081	0.013	0.022
	FID	HRC-I-4	7.04	1240	0.160	0.009	0.007	0.013
	GUIDE	970467856	8.12	2479	0.119	0.127	0.074	0.115
	GUIDE	970503184	7.76	2479	-0.033	-0.162	0.054	0.088
	GUIDE	970342184	6.70	2479	-0.067	0.039	0.055	0.086
	GUIDE	970375136	7.93	2478	-0.019	-0.004	0.066	0.104
0.000	0.000	0.000	0.000000	0.000000	0.00	0.00		

2.4 Star Slots

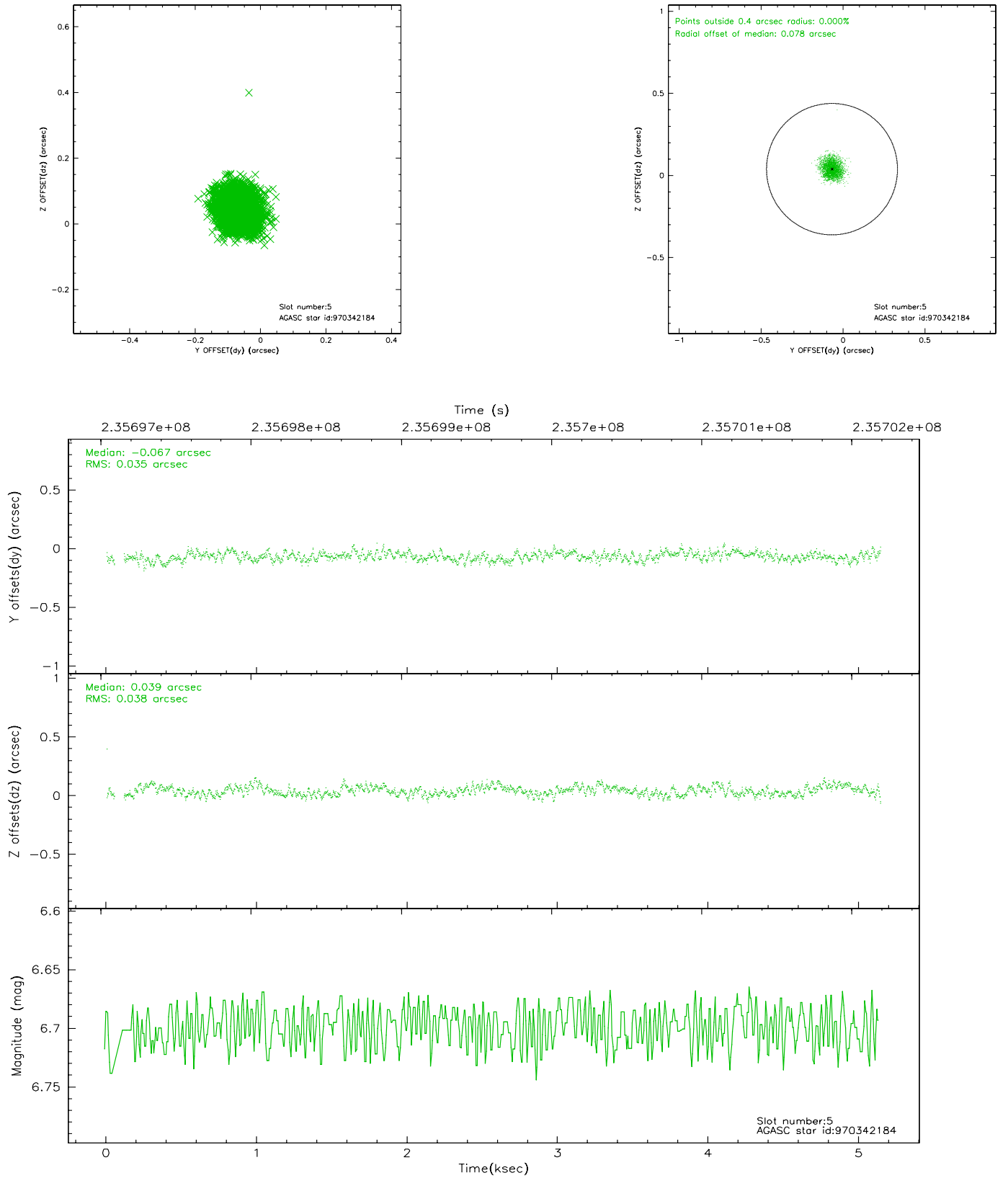
2.4.1 Slot 3



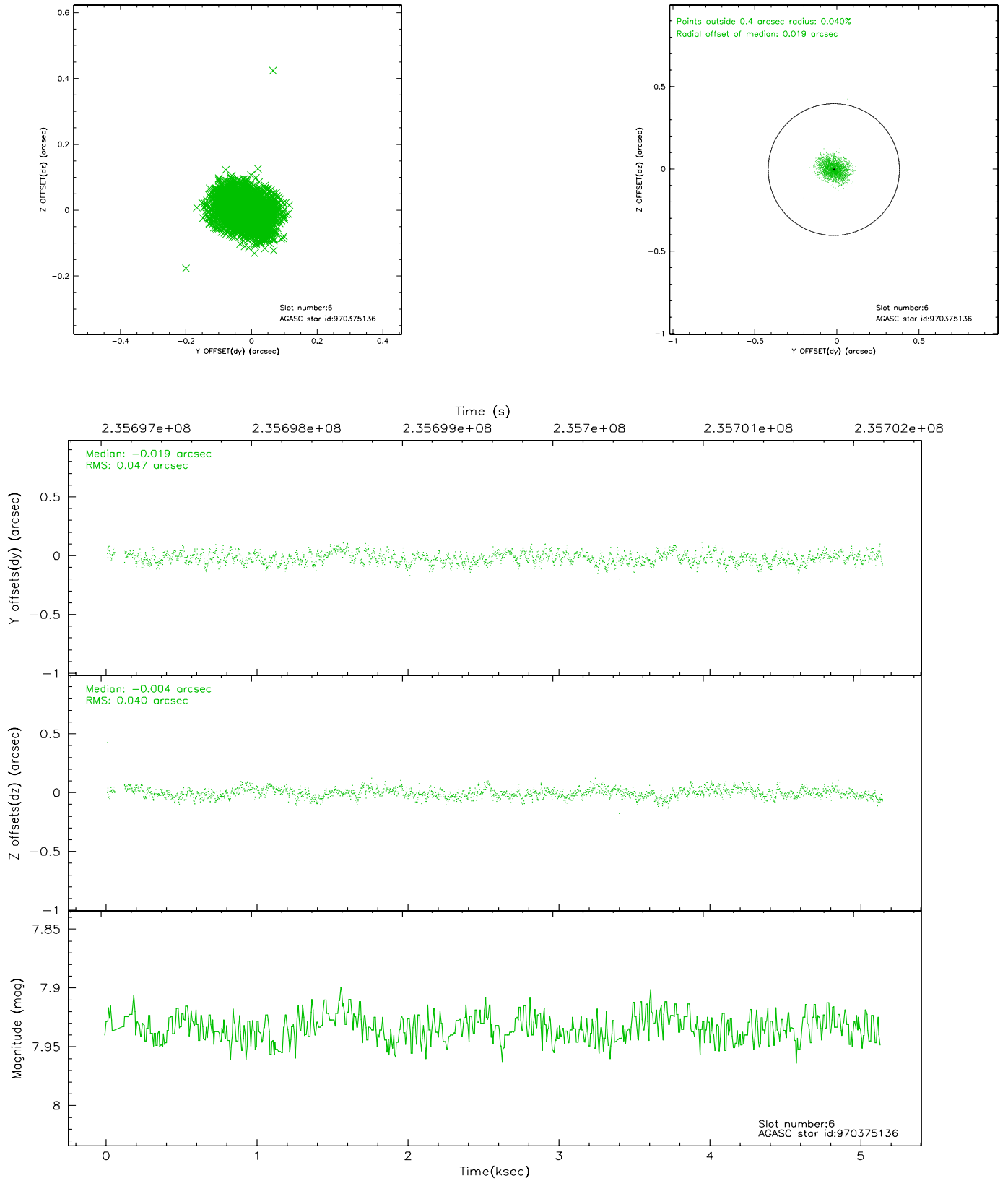
2.4.2 Slot 4



2.4.3 Slot 5

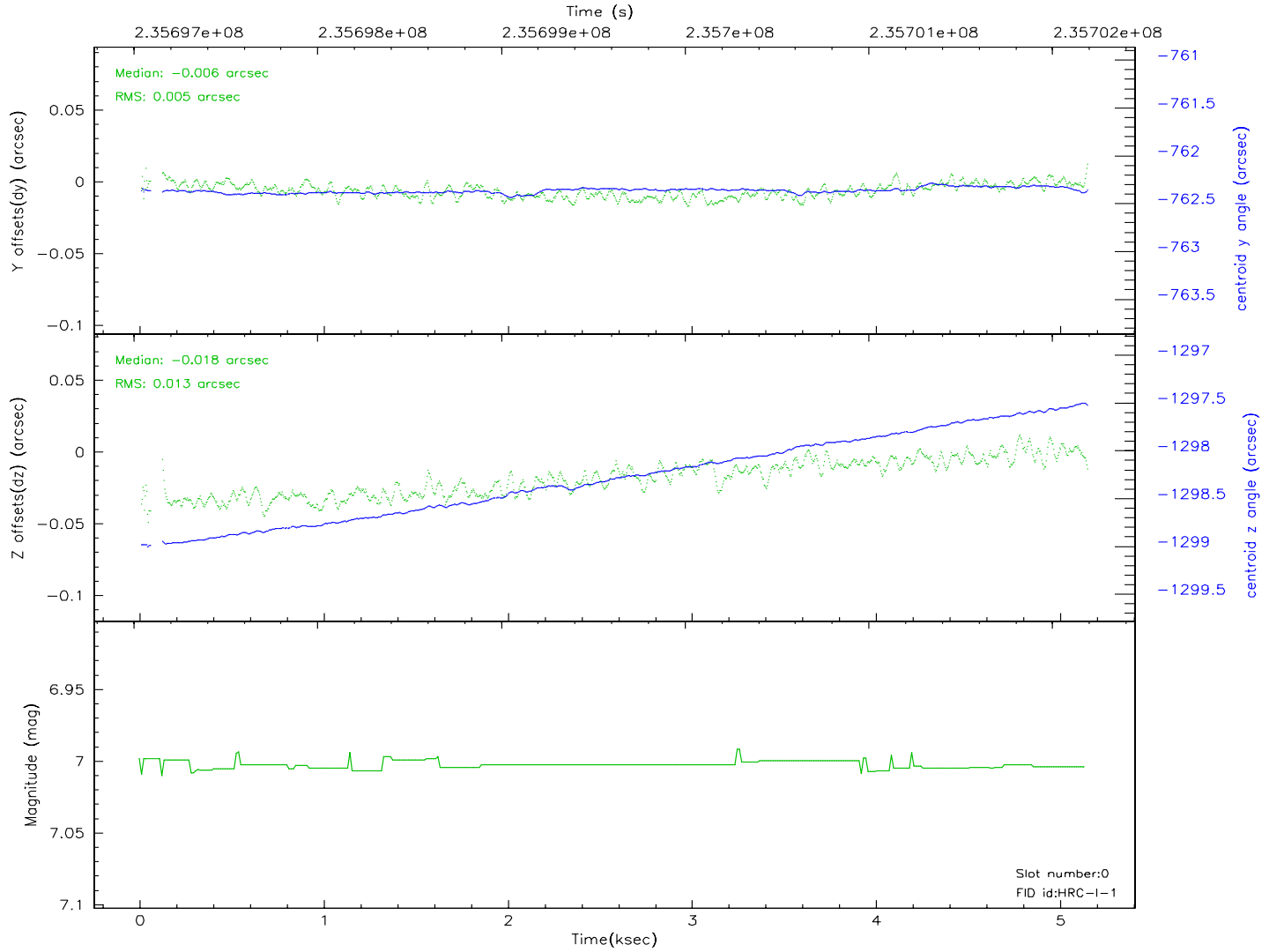
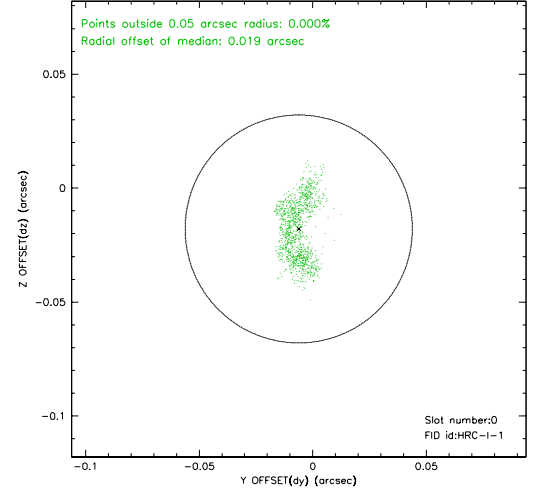
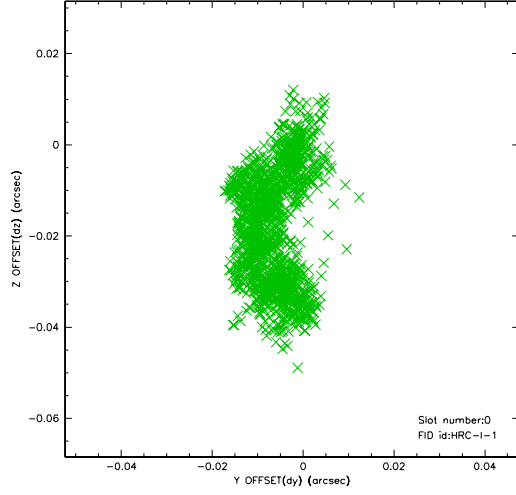


2.4.4 Slot 6

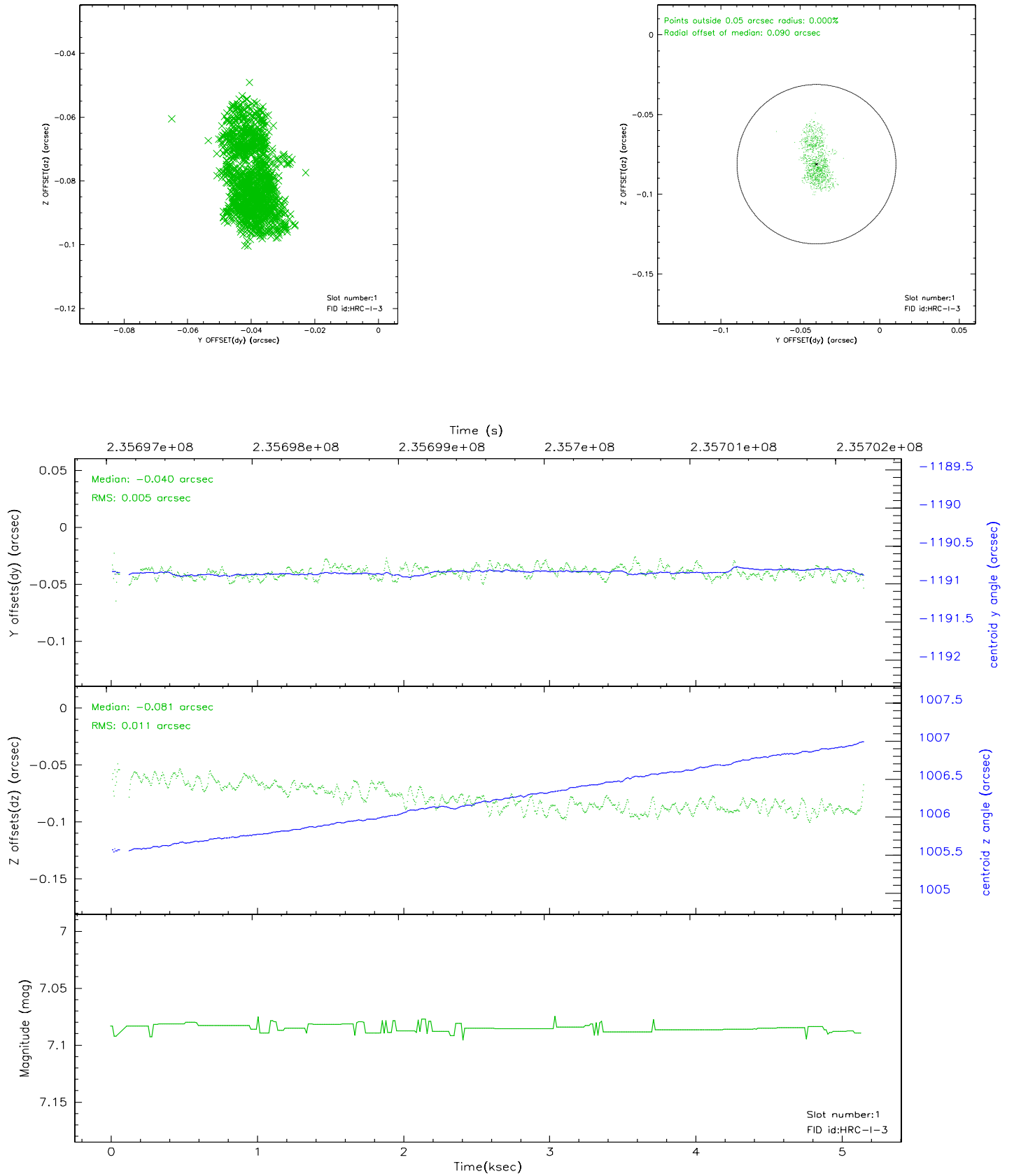


2.5 FID Slots

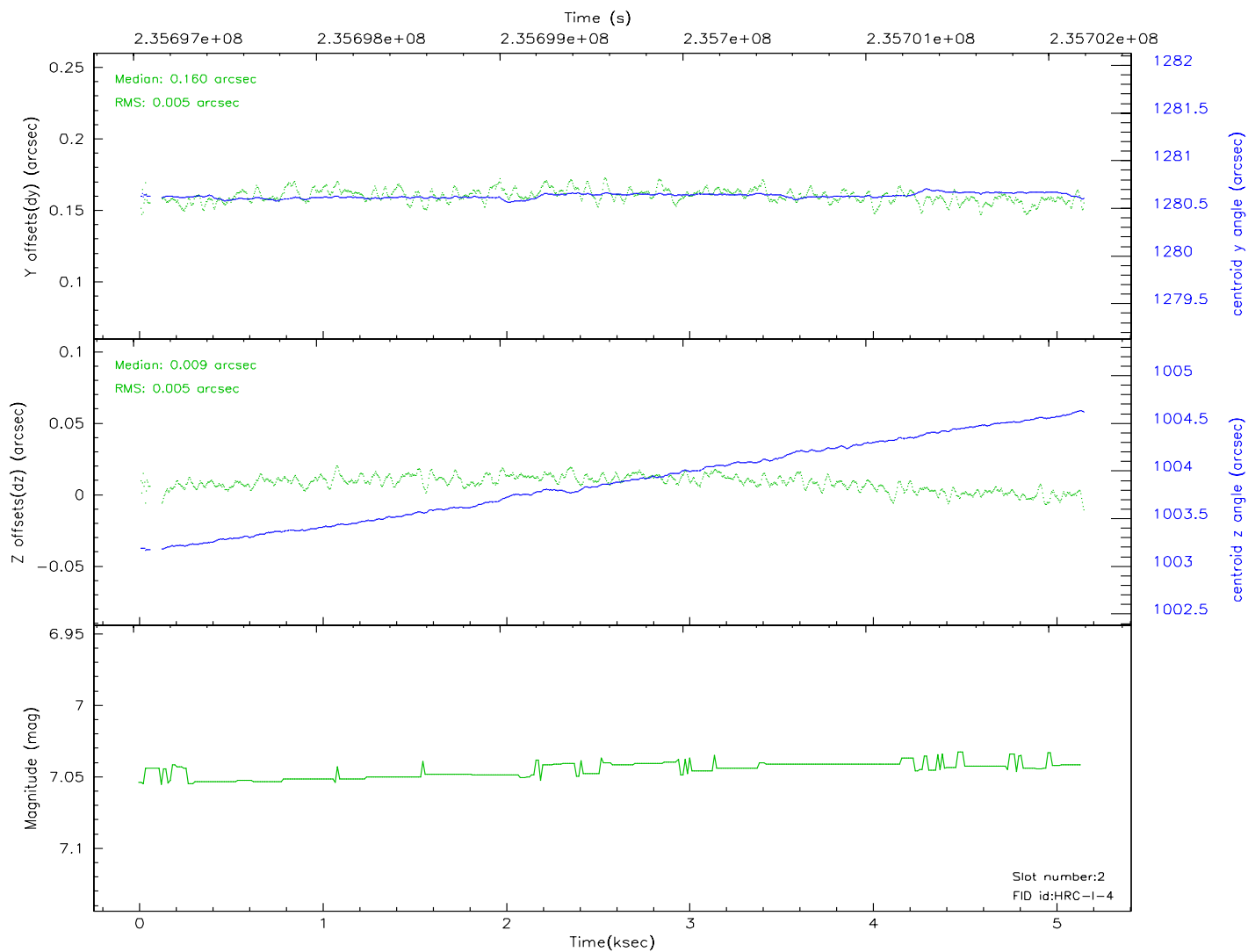
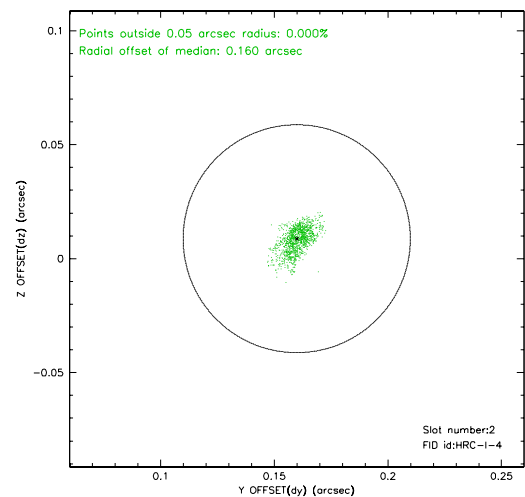
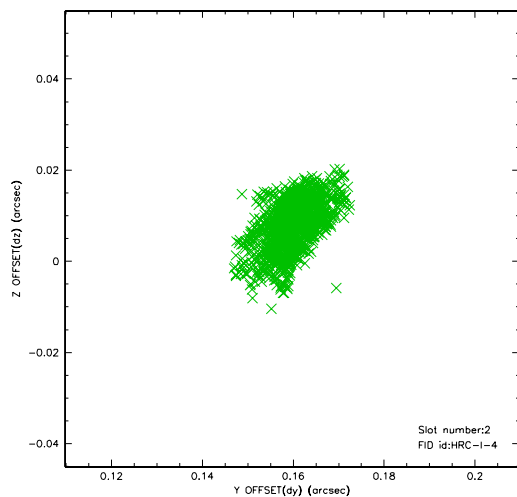
2.5.1 Slot 0



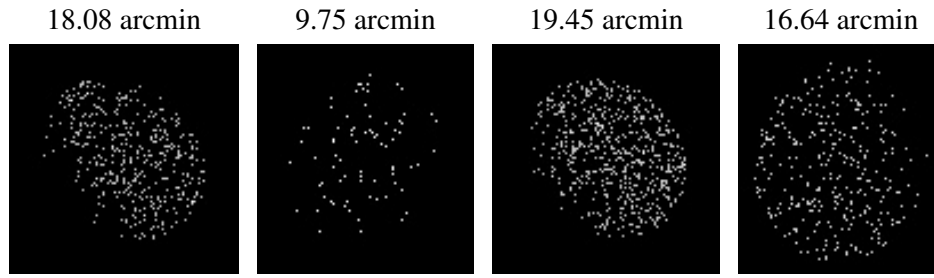
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.767531

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.