

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8508 - L2 Version 5
Chandra X-Ray Center

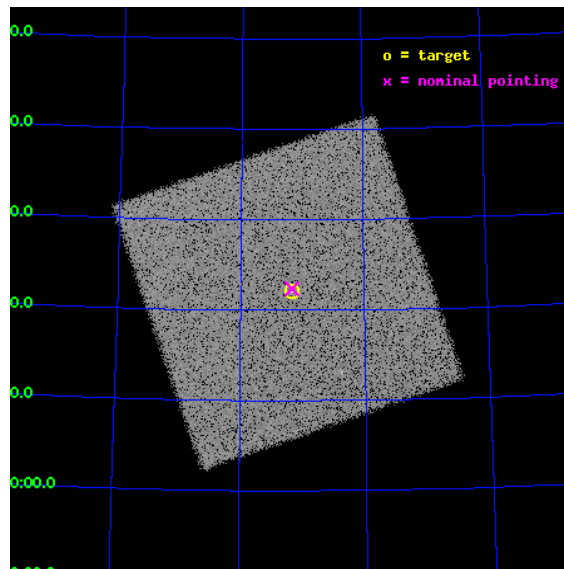
L2 Processing Date : Aug 11 2012

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1 Front

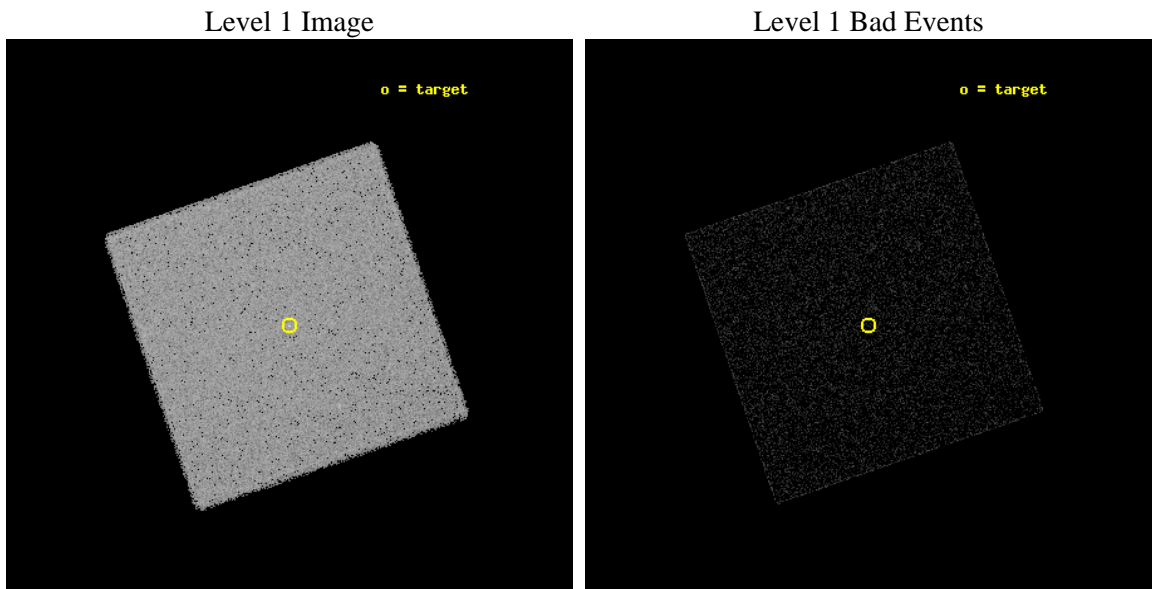
seq_num	500821	Sequence number
obs_id	8508	Observation id
title	Confirmation of a new Isolated Neutron Star in the ROSAT All Sky Survey	Proposal title
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J141256.0+792204	Source name
ra_targ	213.23625	Observer's specified target RA [deg]
dec_targ	79.368806	Observer's specified target Dec [deg]
ra_nom	213.23272619234	Nominal RA [deg]
dec_nom	79.372890024982	Nominal Dec [deg]
roll_nom	115.99547066175	Nominal Roll [deg]
revision	5	Processing version of data
ontime	2159.931352675	[s]
livetime	2140.0909850188	Ontime multiplied by DTCOR
l2events	111280	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2159.931352675	[s]
caldbver	4.5.1.1	 	l1events	288532	Number of level 1 events
date	2012-08-11T20:15:27	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

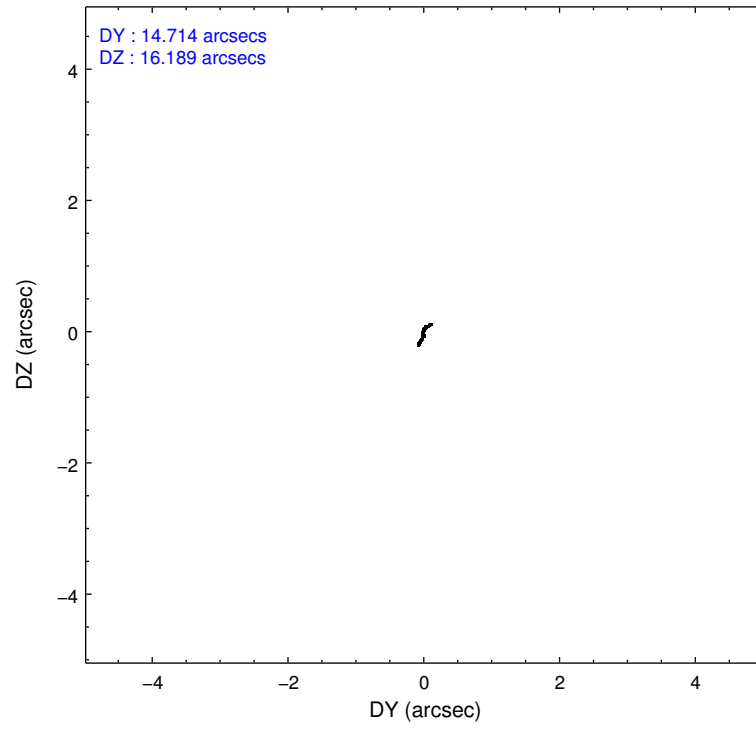
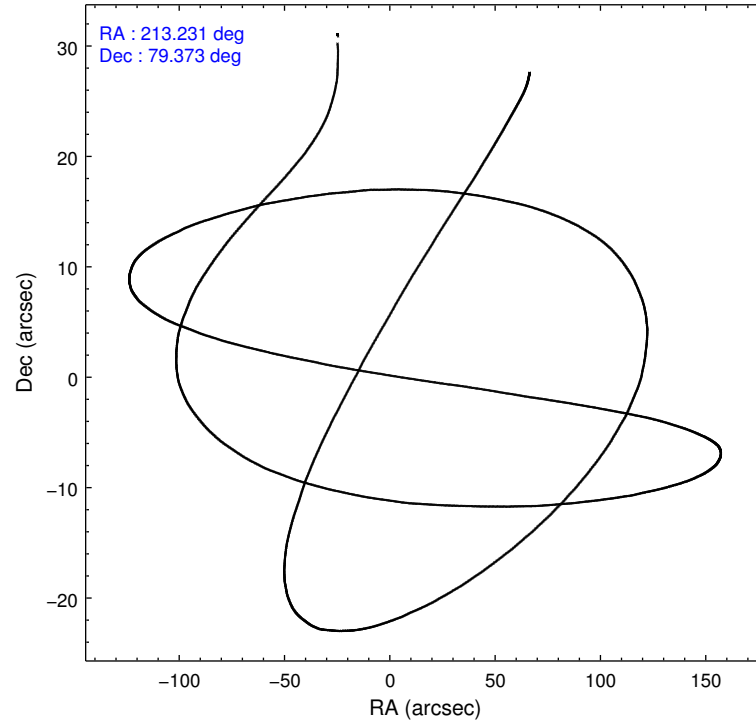
Level 1 Events

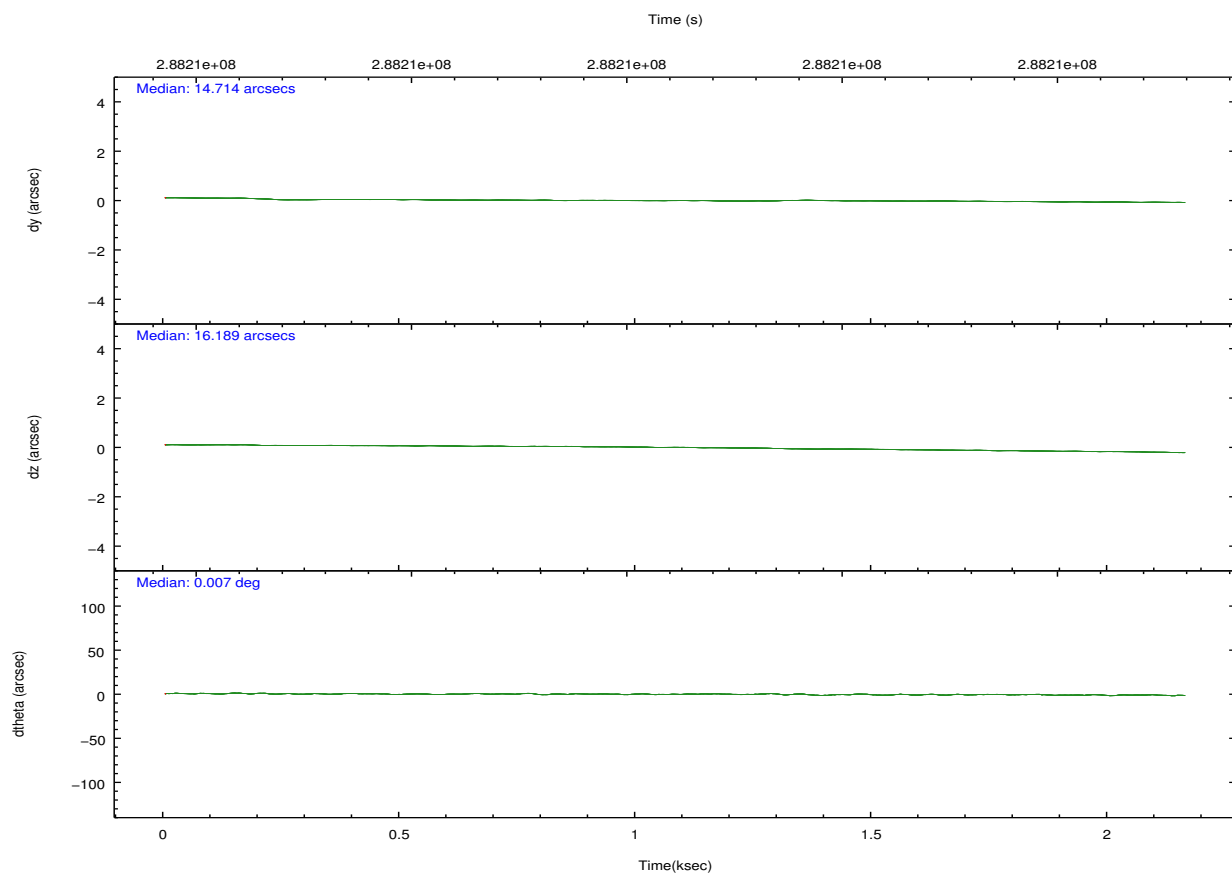
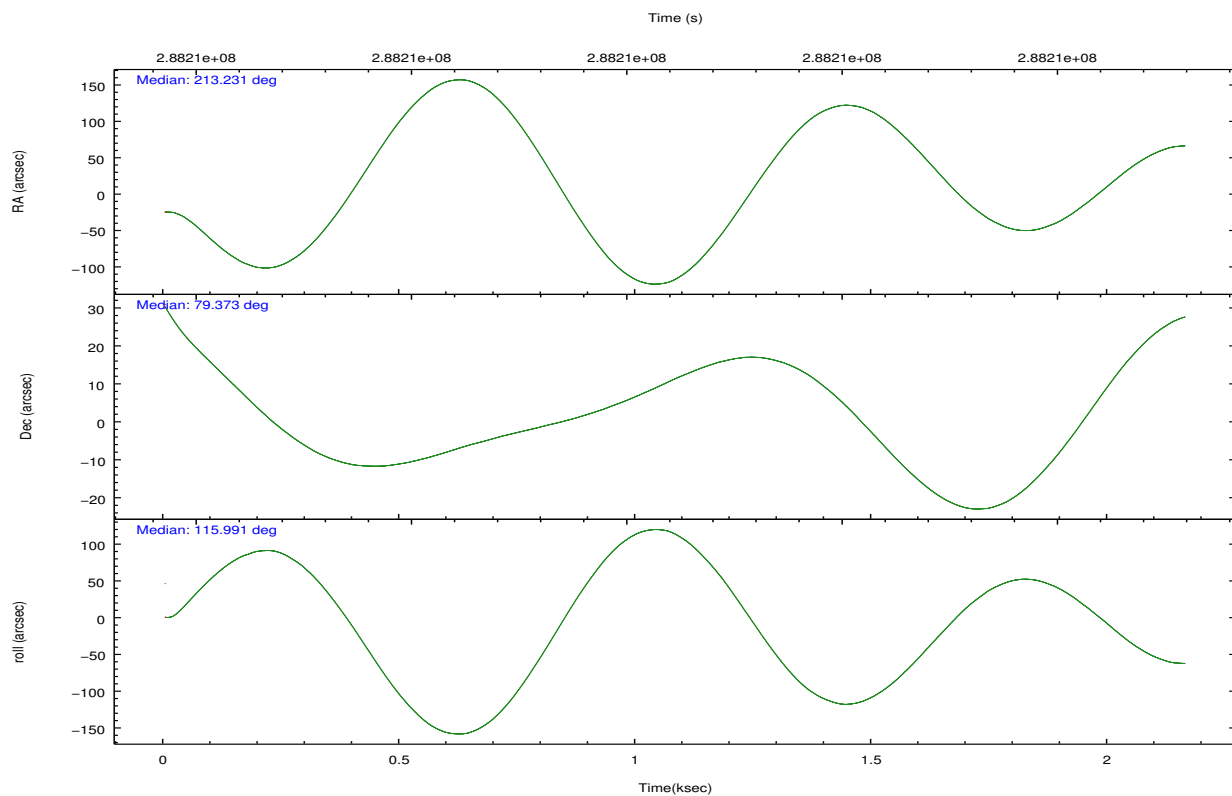
	segment 0
level 1 events	288532
rejected events	122532
rejected %	42%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
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			
[deg] Pointing RA	213.358489	213.2327261923377			
[deg] Pointing Dec	79.358296	79.37289002498198			
[deg] Pointing Roll	115.967483	115.9954706617549			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	288209191.184000	288208154.56732			
Observation start date	2007-02-18T18:05:26	2007-02-18T17:49:14			
[s] Observation end time (MET)	288211191.184000	288211911.1925			
Observation end date	2007-02-18T18:38:46	2007-02-18T18:51:51			

2.3 Aspect



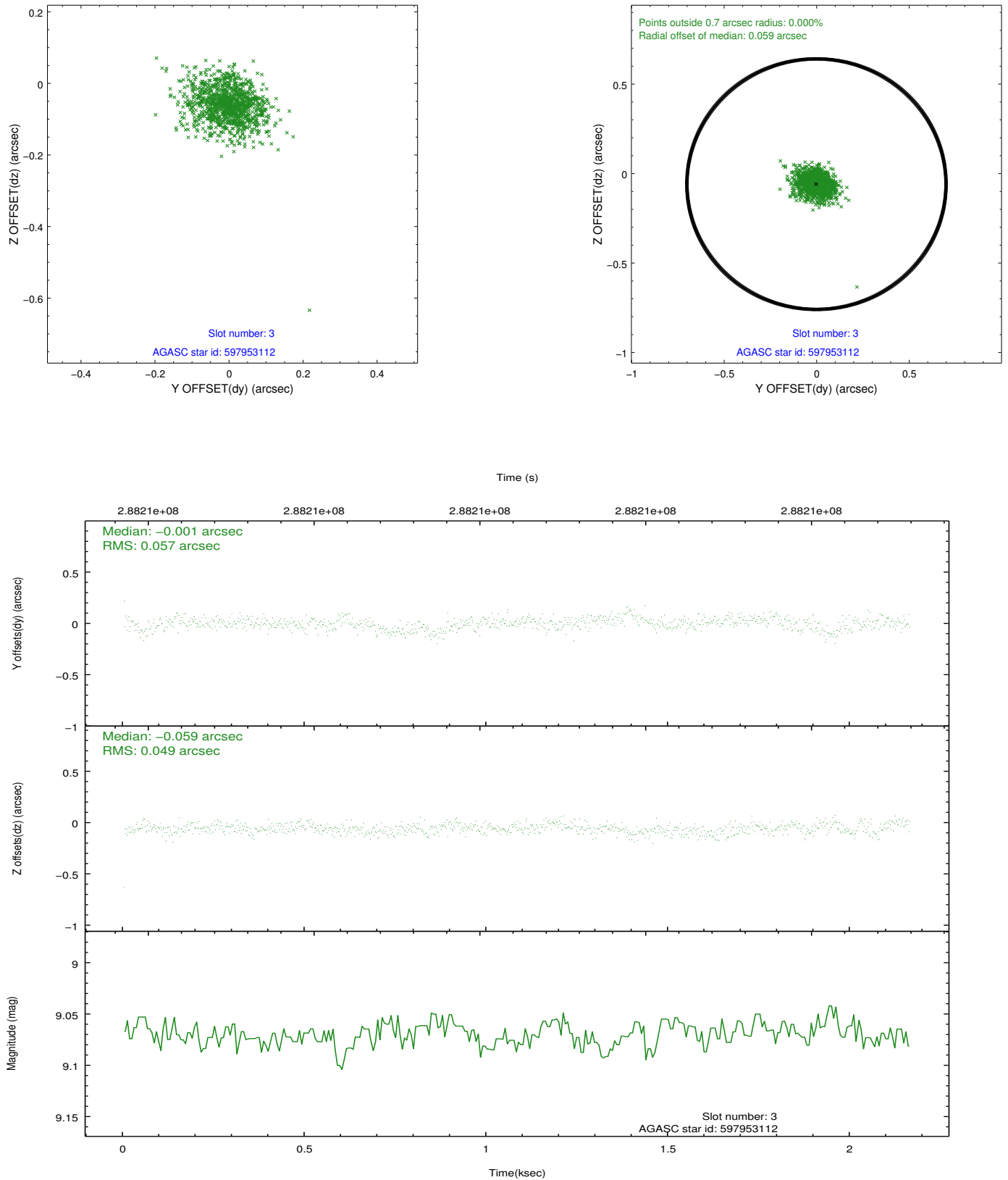


Slot Statistics

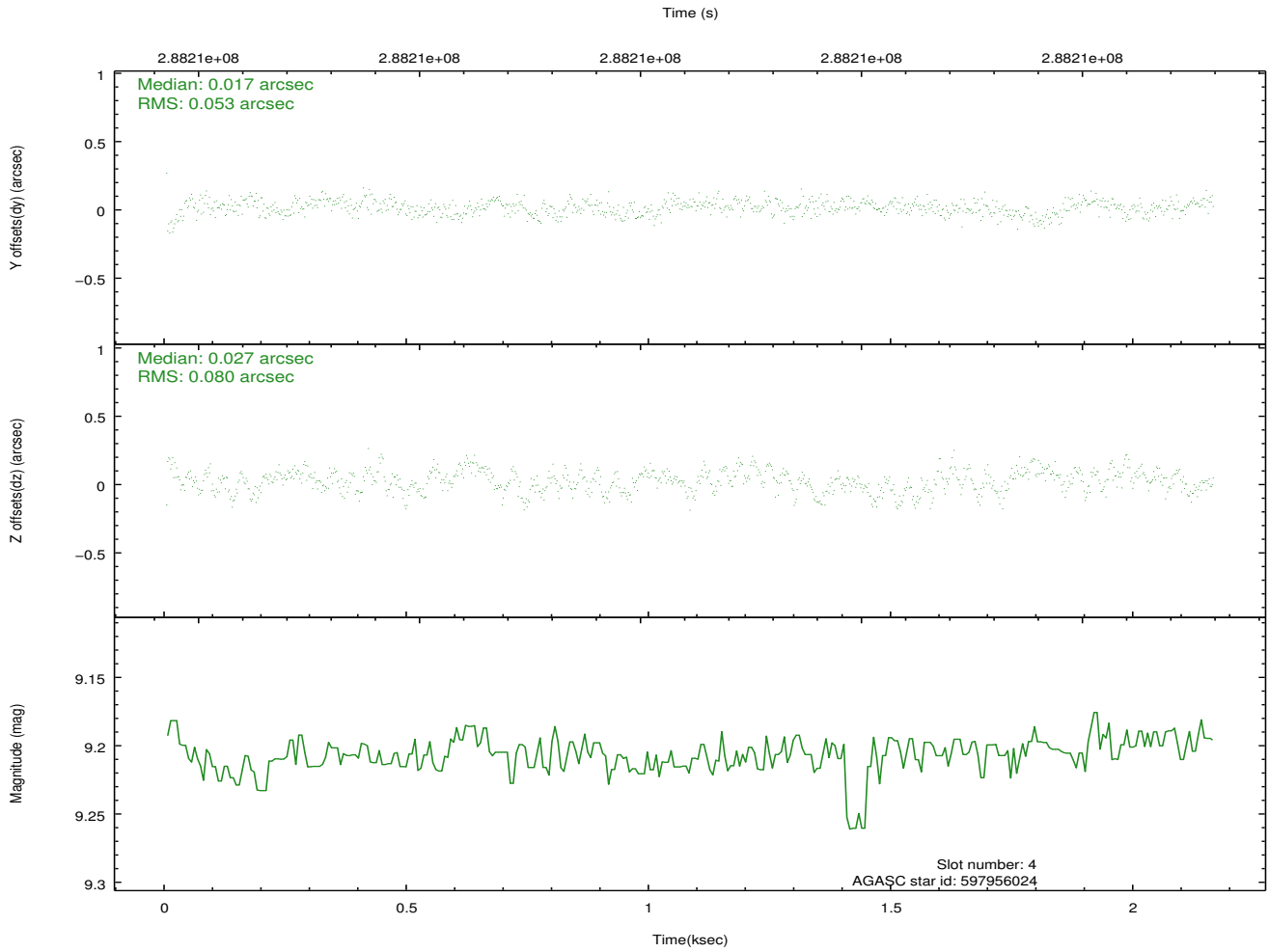
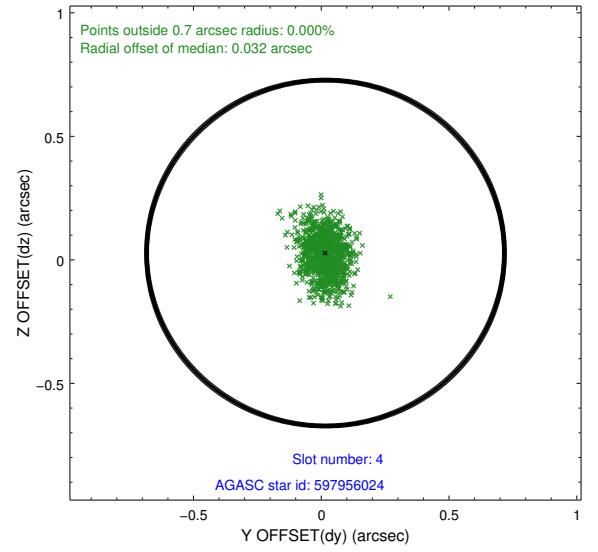
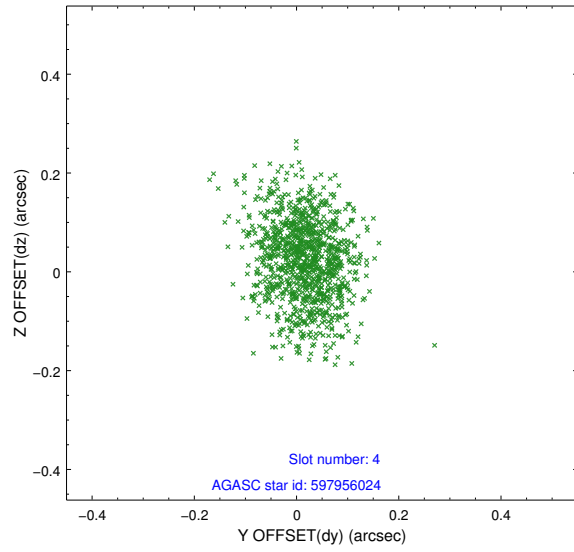
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.03	528	0.107	-0.075	0.007	0.012	0.000000	0.000000	842.27	-1305.90
1	FID	HRC-I-3	7.07	528	-0.097	0.042	0.006	0.010	0.000000	0.000000	-1197.53	997.81
2	FID	HRC-I-4	7.02	528	0.109	-0.053	0.007	0.011	0.000000	0.000000	1270.09	999.76
3	GUIDE	597953112	9.07	1054	-0.001	-0.059	0.077	0.129	214.009845	78.760089	-2133.69	529.75
4	GUIDE	597956024	9.21	1055	0.017	0.027	0.101	0.172	215.481244	79.329736	-690.33	-1238.59
5	GUIDE	597956800	9.00	1055	-0.008	-0.049	0.098	0.150	213.871920	79.999122	1934.24	-1301.36
6	GUIDE	597957536	9.32	1054	-0.058	0.012	0.126	0.211	214.978754	79.574657	253.49	-1298.44
7	GUIDE	597826088	9.75	1052	0.062	0.070	0.135	0.218	213.246436	79.535232	605.21	-214.74

2.4 Star Slots

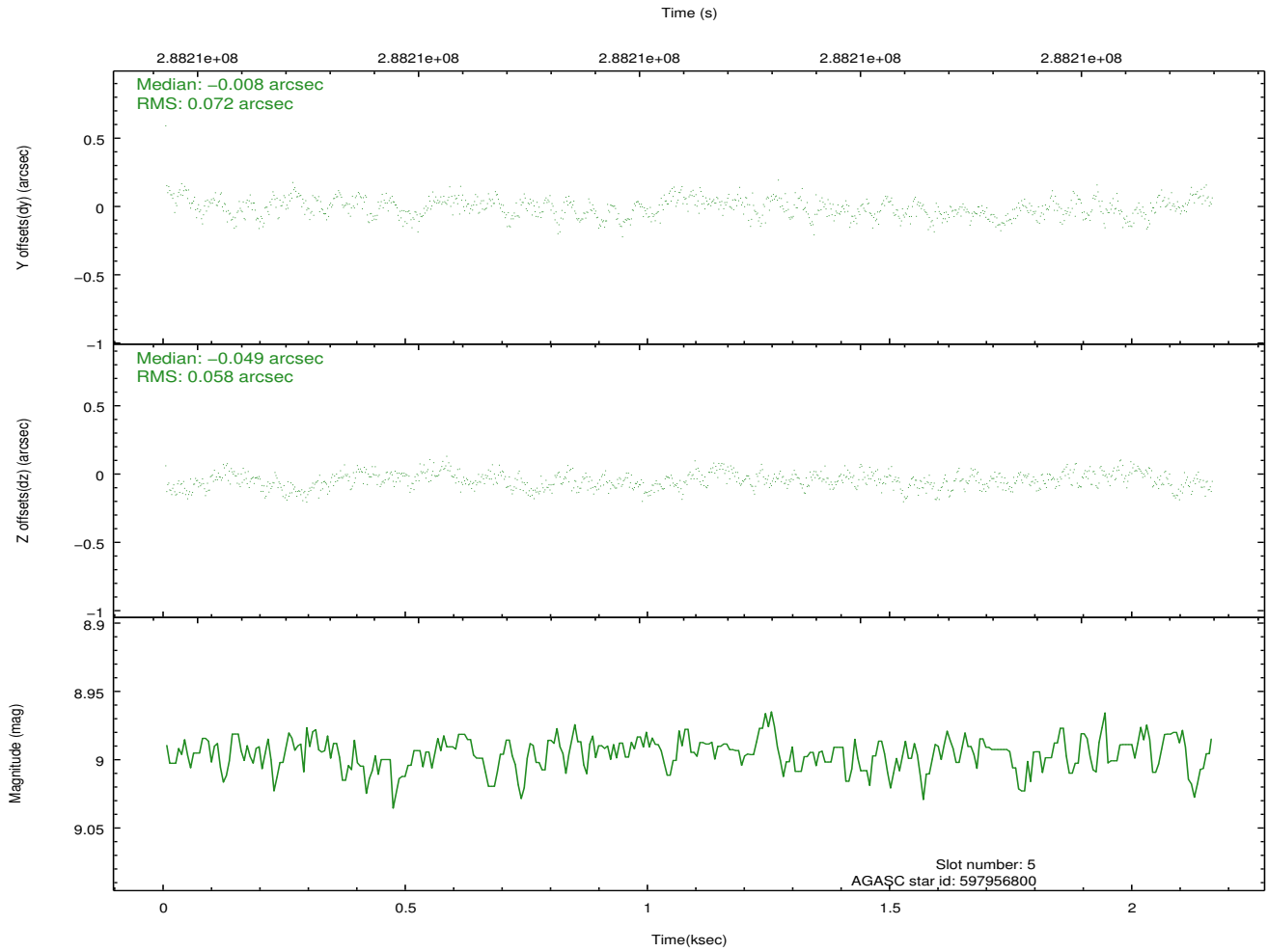
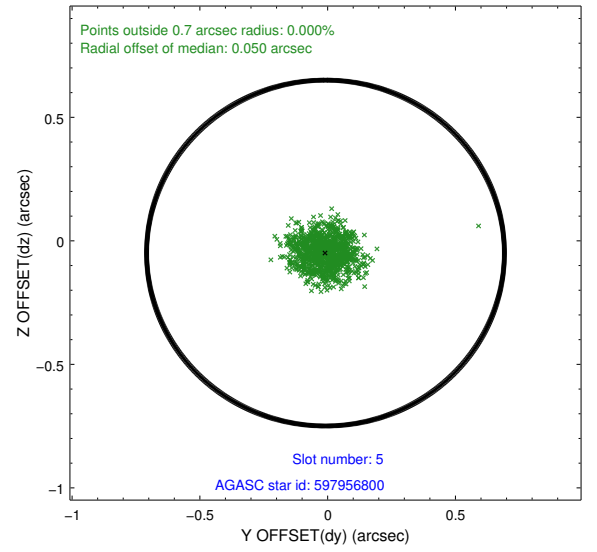
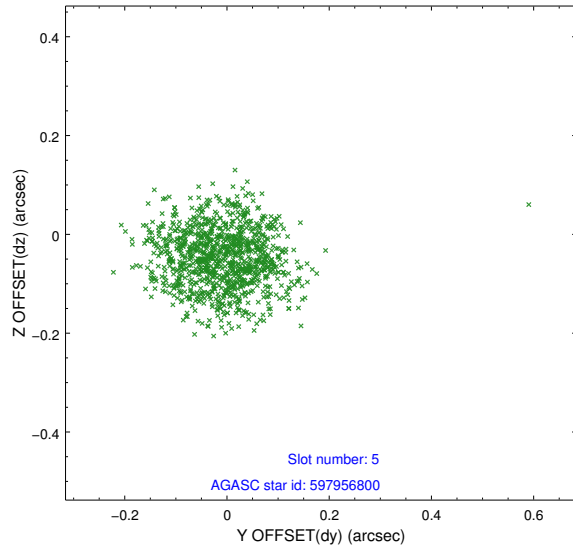
2.4.1 Slot 3



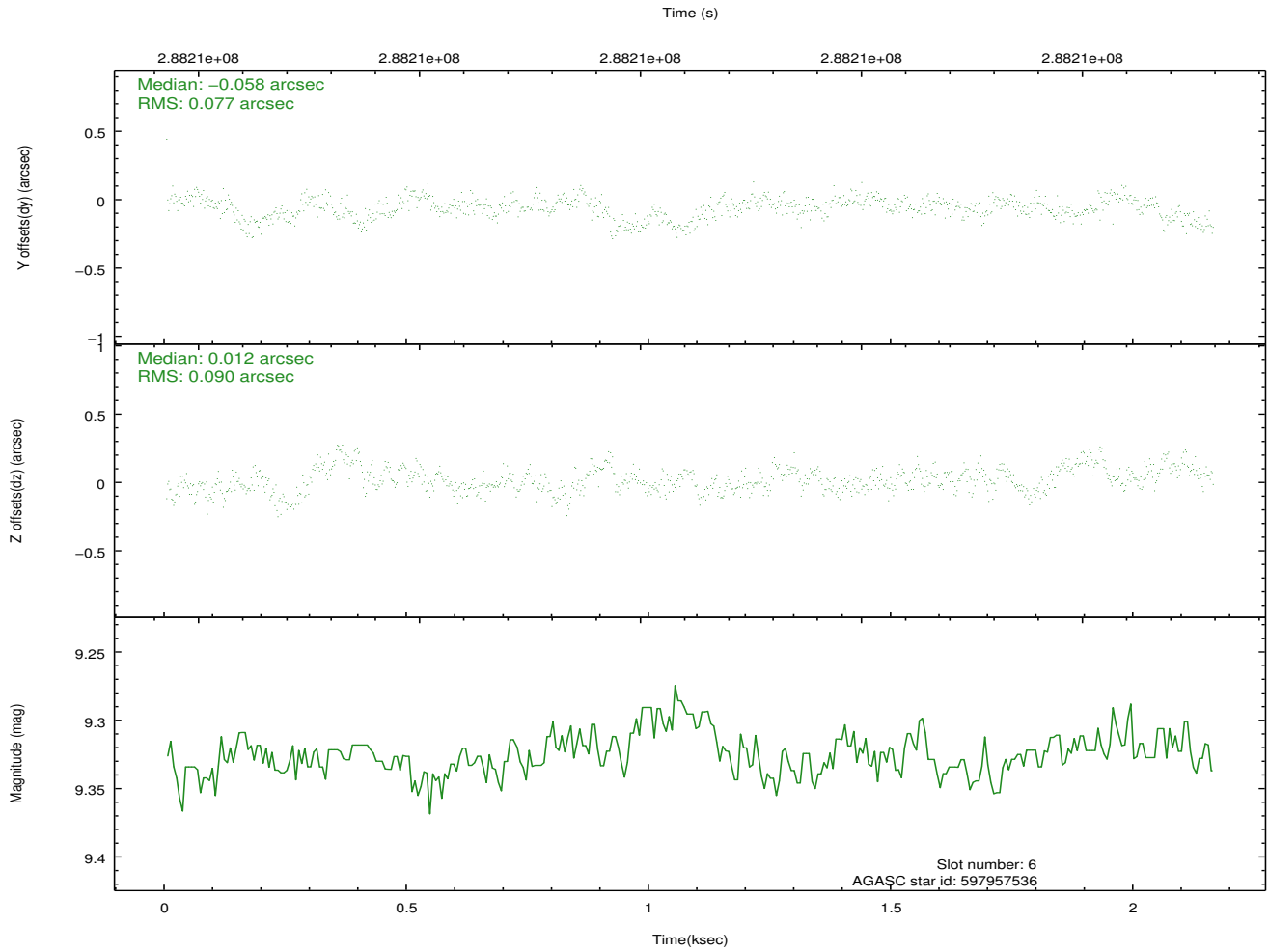
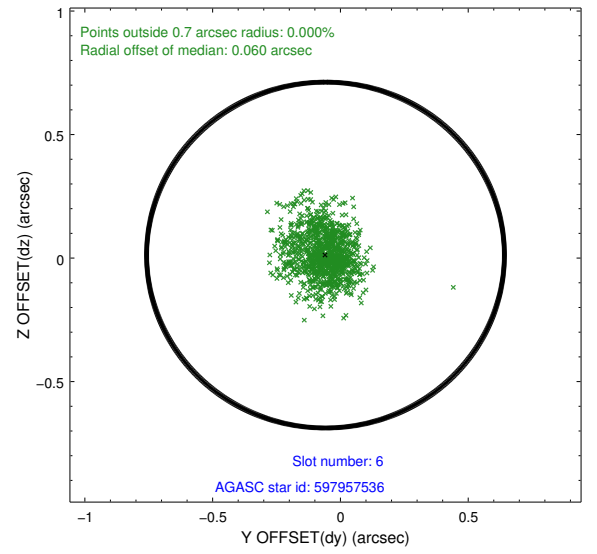
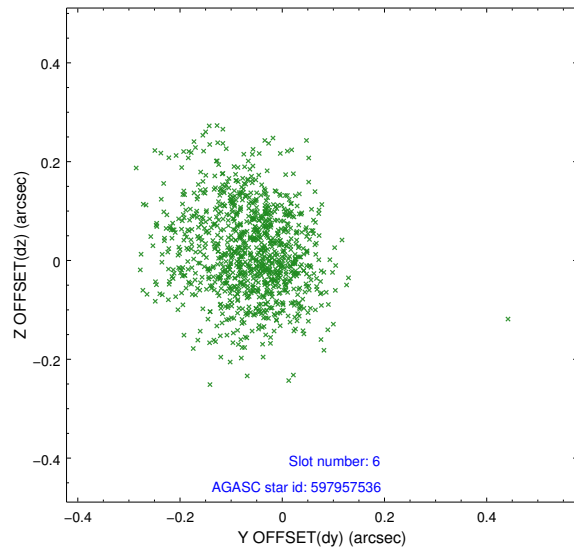
2.4.2 Slot 4



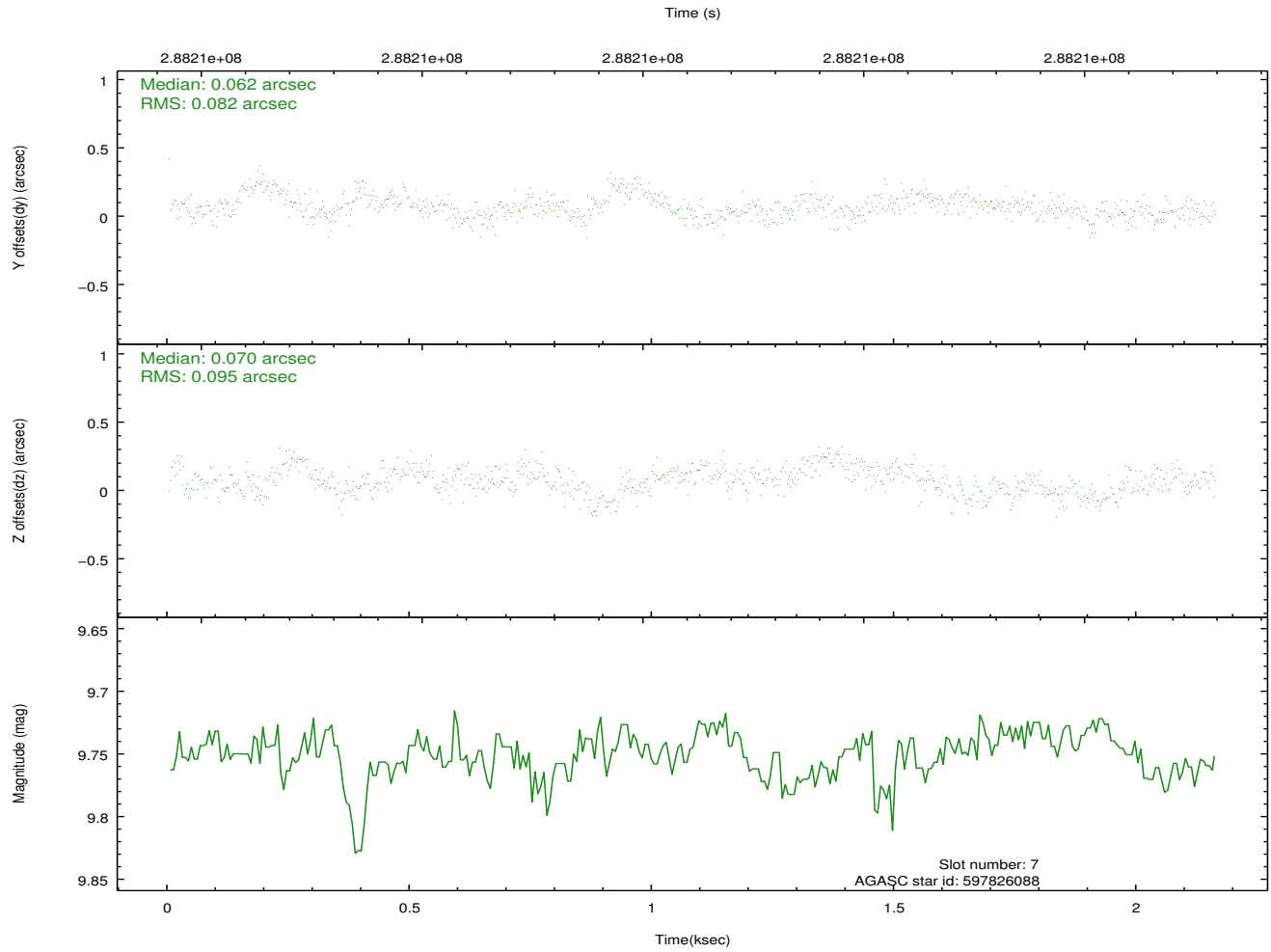
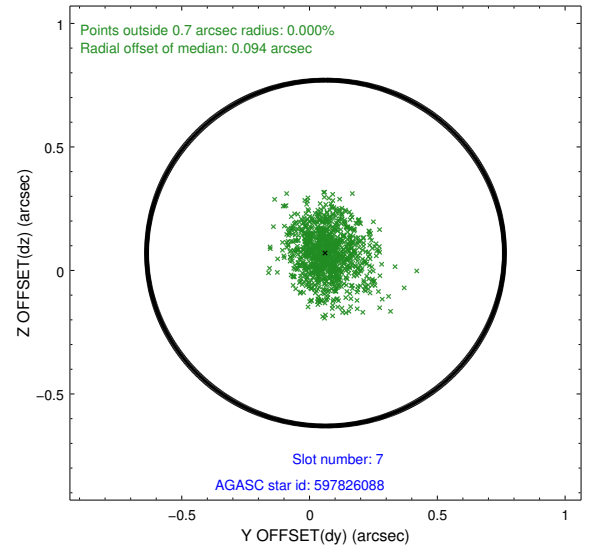
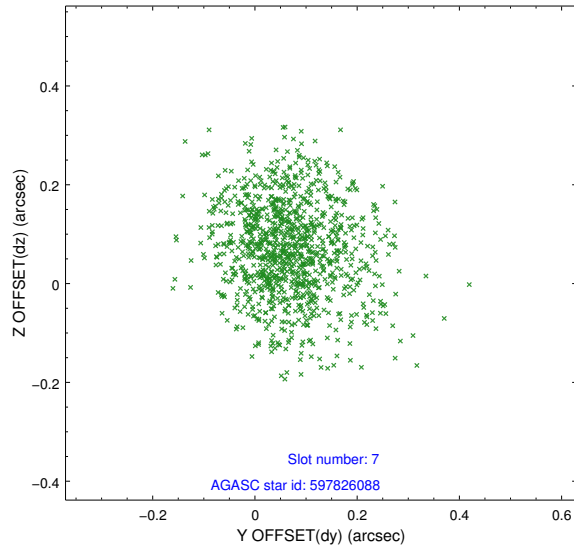
2.4.3 Slot 5



2.4.4 Slot 6

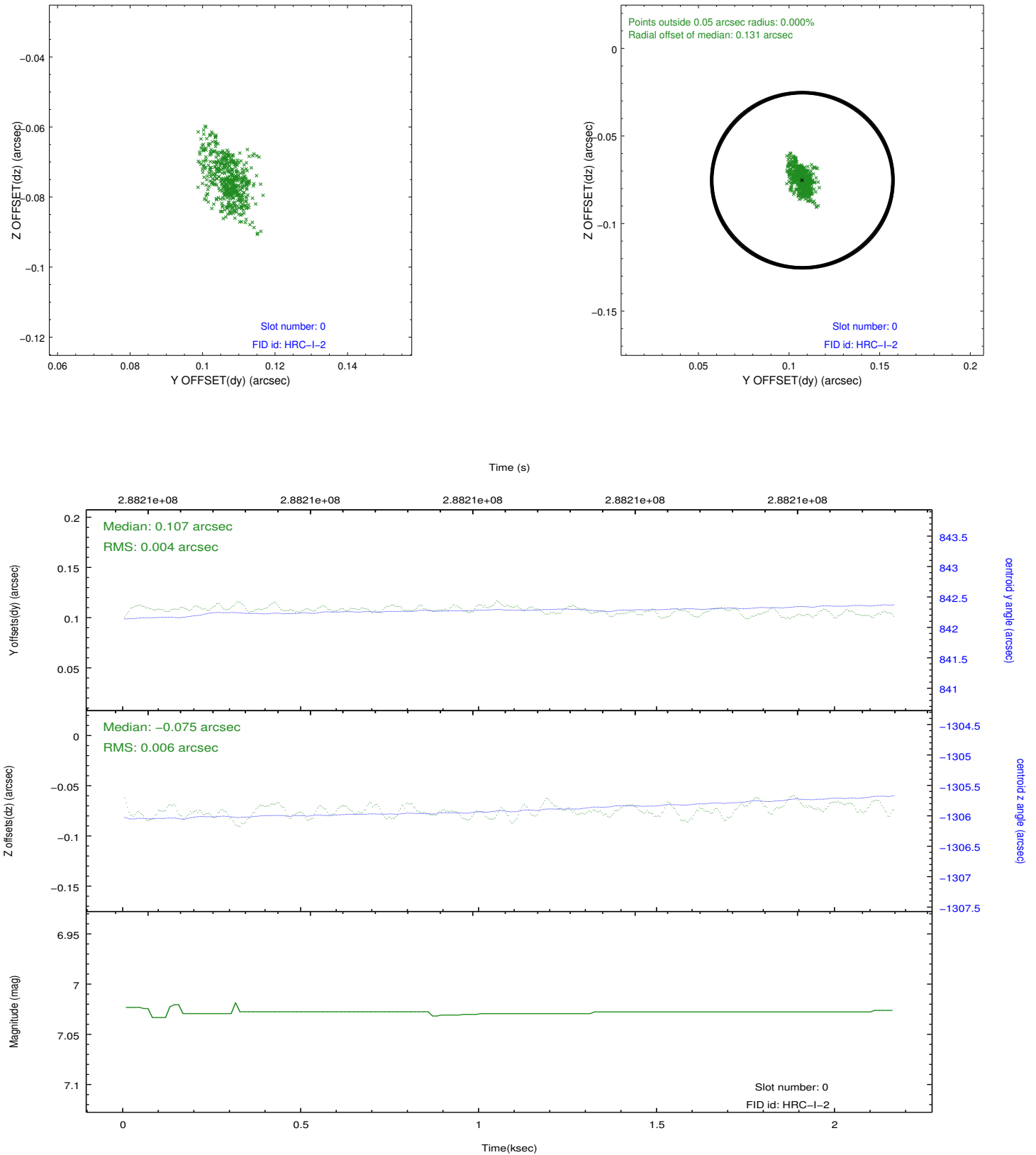


2.4.5 Slot 7

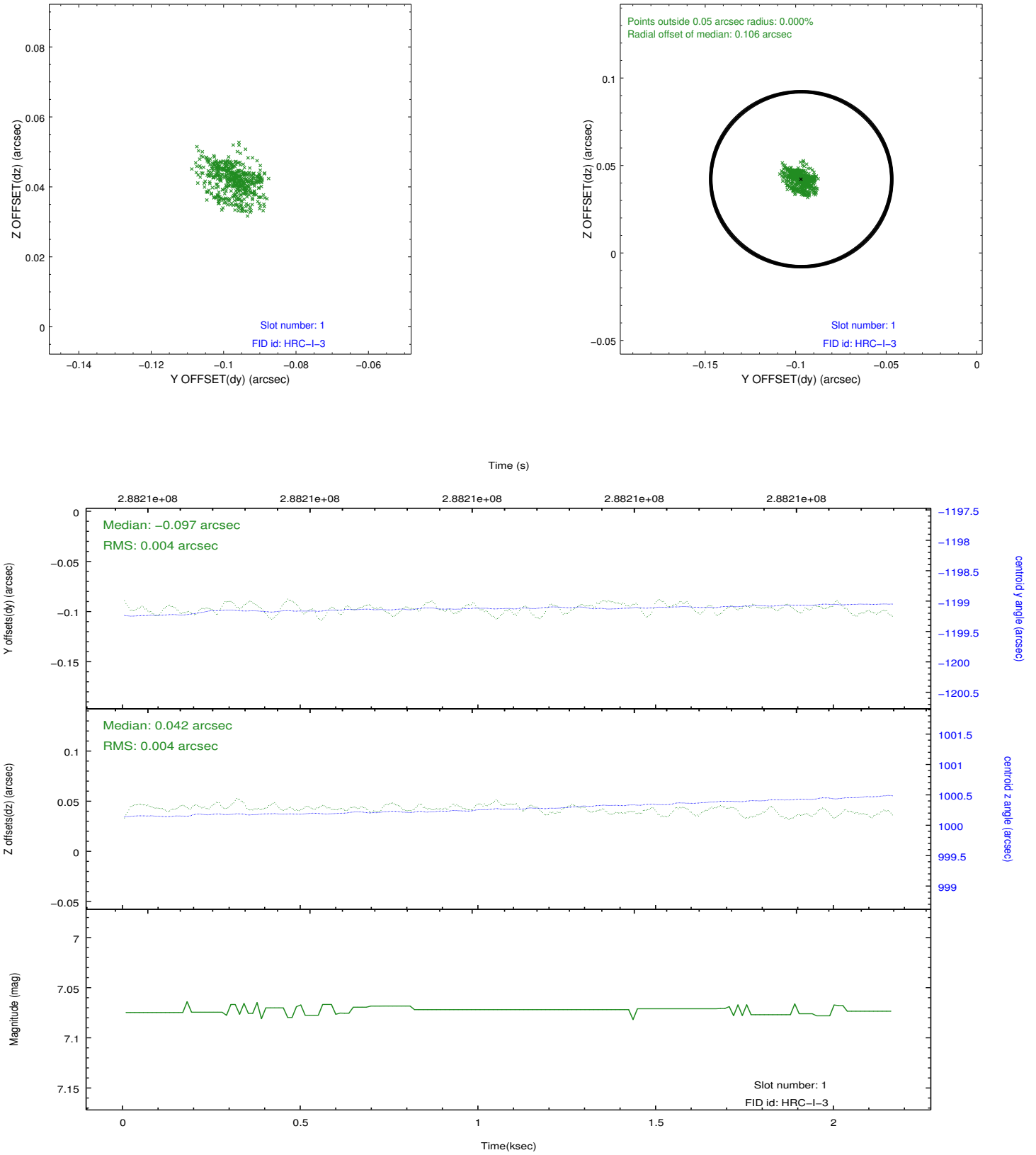


2.5 FID Slots

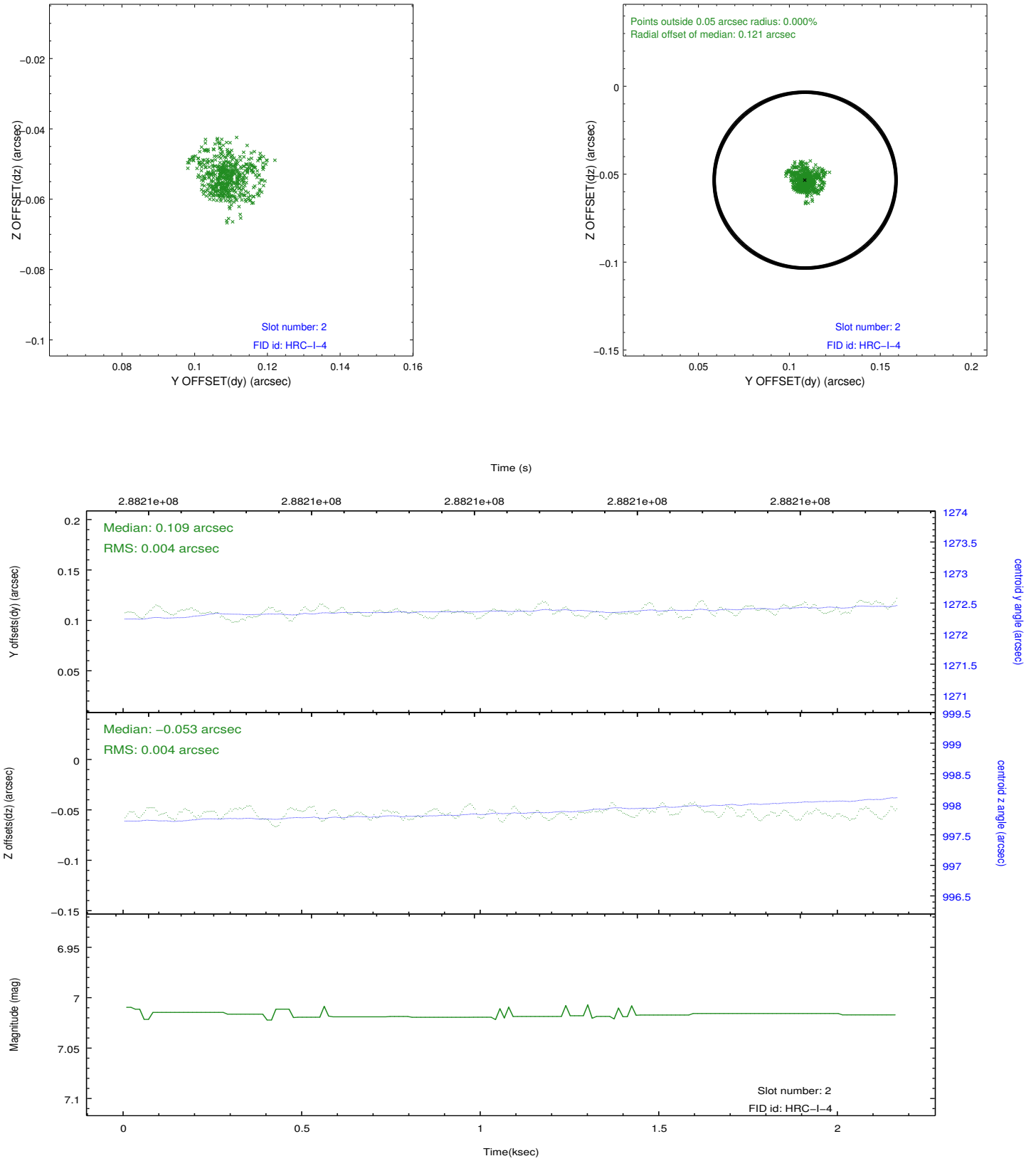
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.15993135

A.2 Comments