

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1973 - L2 Version 6
Chandra X-Ray Center

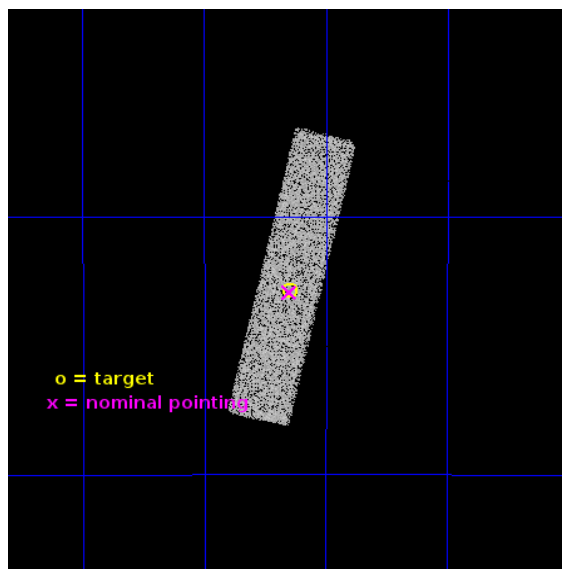
L2 Processing Date : Jun 28 2013

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1 Front

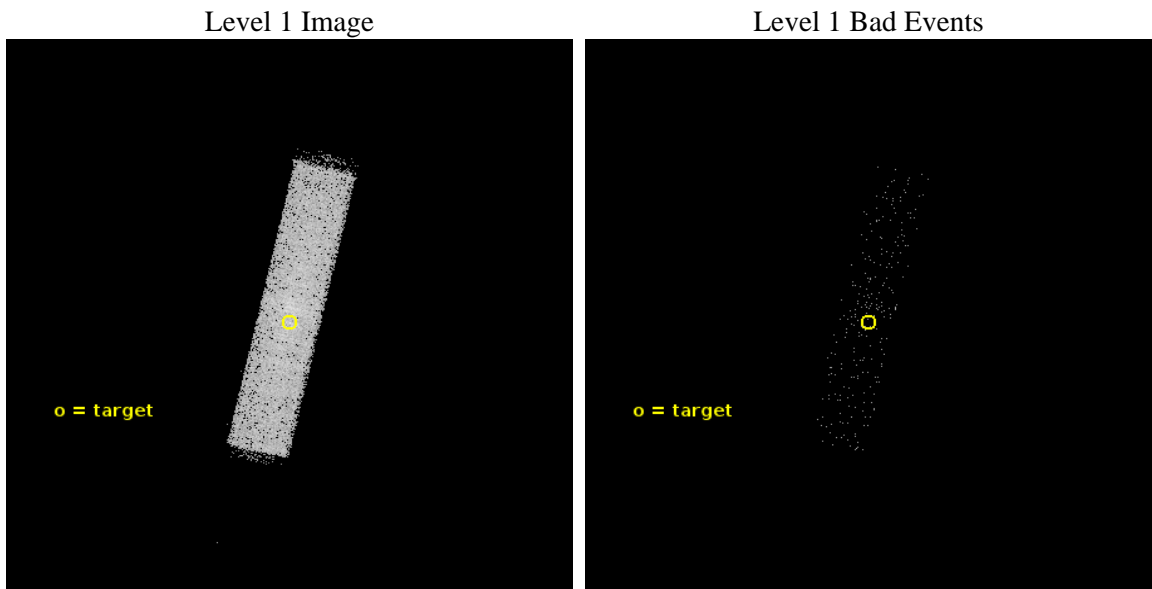
seq_num	500150	Sequence number
obs_id	1973	Observation id
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS	Proposal title
observer	Prof. Robert Rutledge	Principal investigator
object	1RXSJ0203-2438	Source name
ra_targ	30.822917	Observer's specified target RA [deg]
dec_targ	-24.642222	Observer's specified target Dec [deg]
ra_nom	30.824862911819	Nominal RA [deg]
dec_nom	-24.646539520351	Nominal Dec [deg]
roll_nom	282.88914644785	Nominal Roll [deg]
revision	6	Processing version of data
ontime	912.25003510714	[s]
livetime	909.78023679163	Ontime multiplied by DTCOR
l2events	22542	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	912.25003510714	[s]
caldsver	4.5.7	 	l1events	38678	Number of level 1 events
date	2013-06-28T23:16:11	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

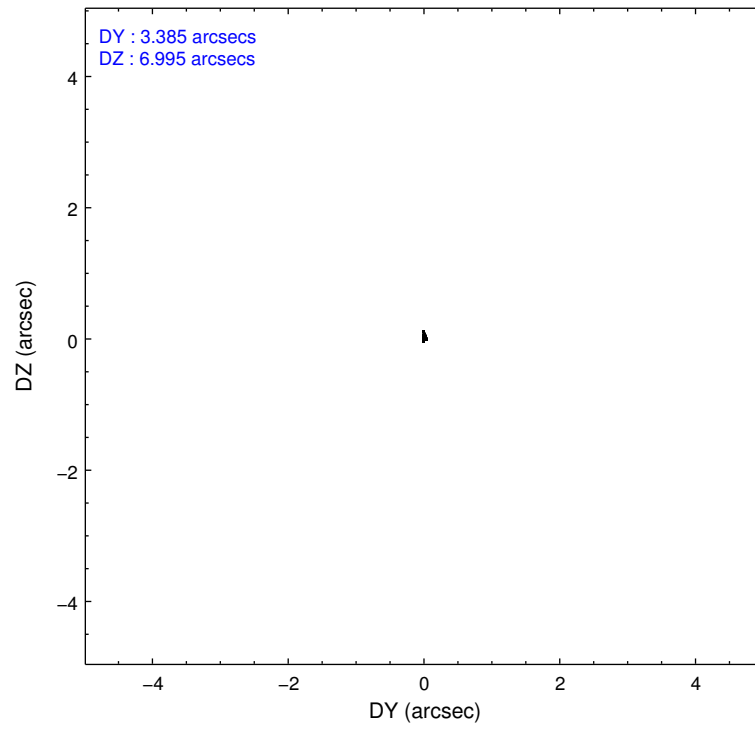
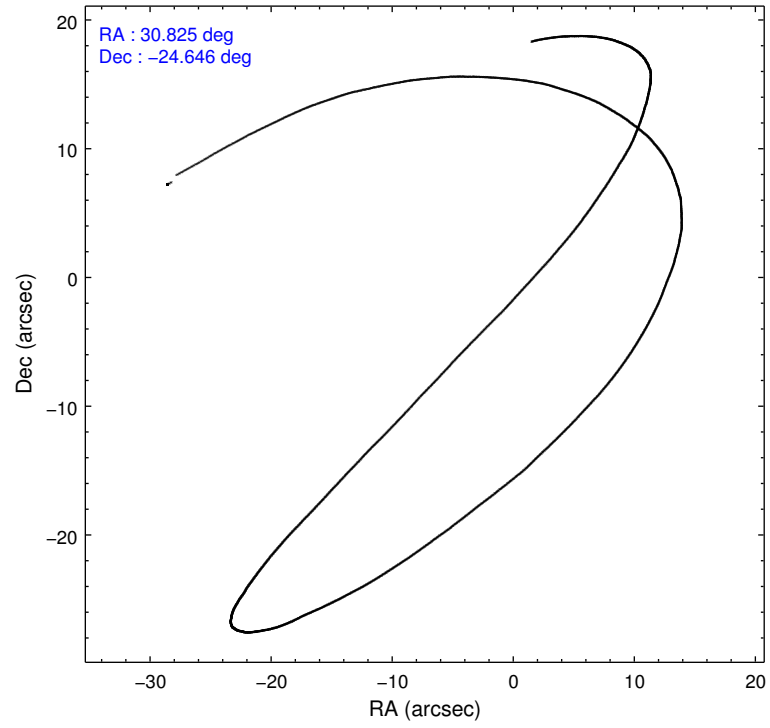
	segment 1	segment 2	segment 3
level 1 events	63	38613	2
rejected events	4	2533	2
rejected %	6%	6%	100%

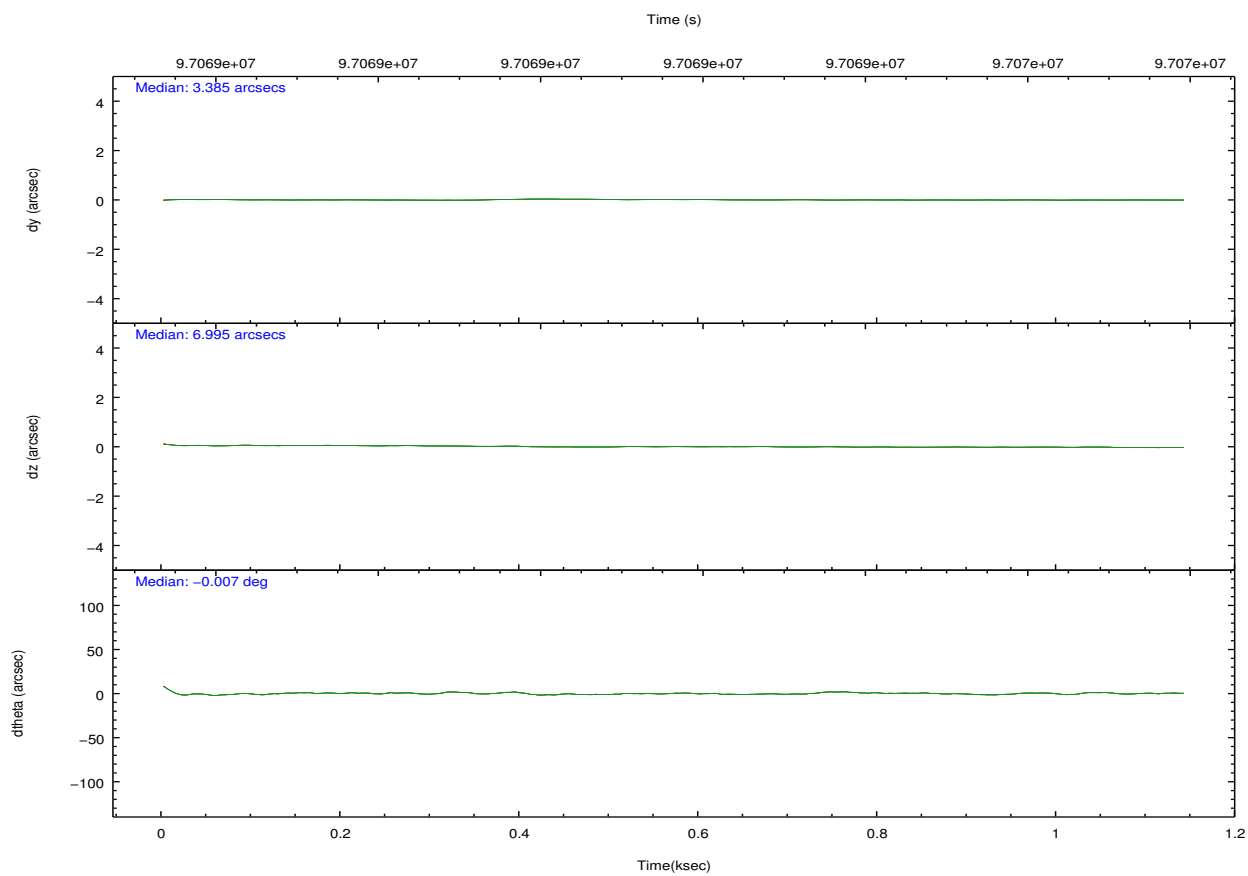
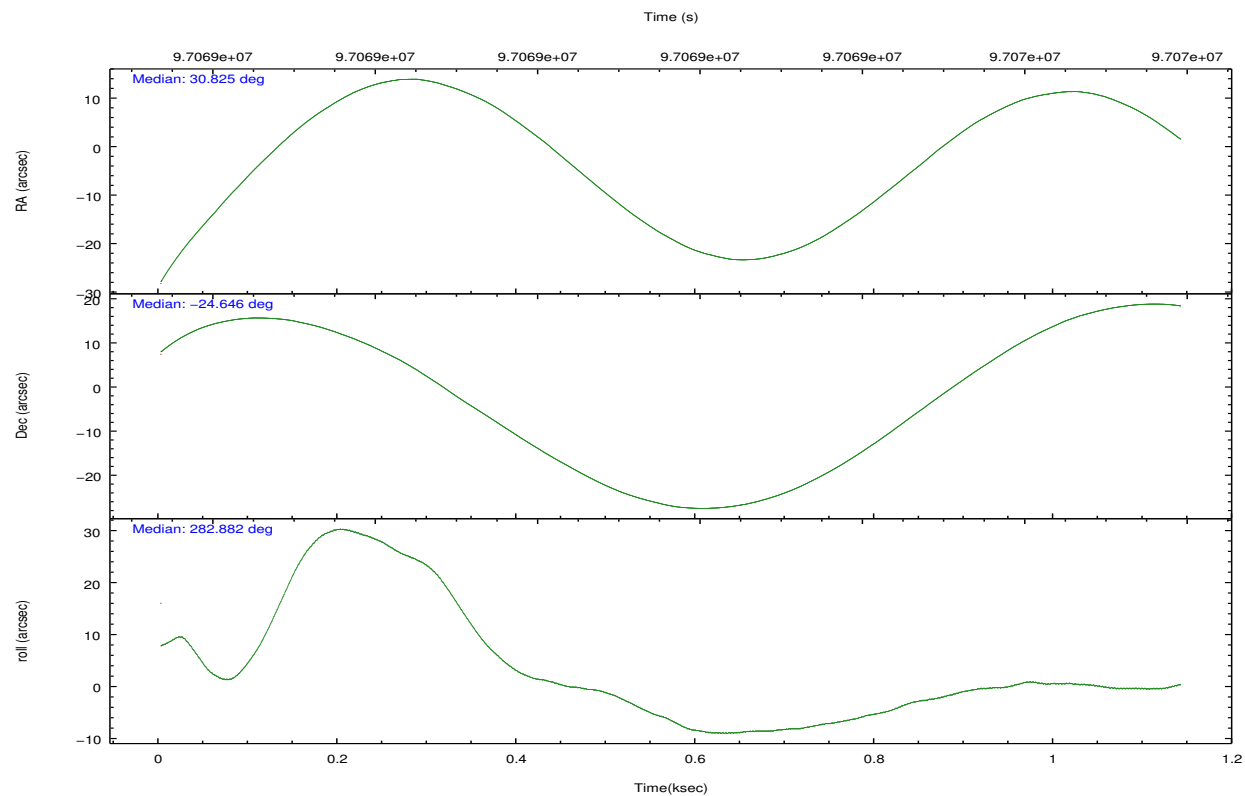
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	30.801391	30.82486291181864
[deg] Pointing Dec	-24.626851	-24.64653952035082
[deg] Pointing Roll	282.811921	282.8891464478481
[mm] SIM focus pos	-1.529586	-1.523540733526241
[mm] SIM defocus	0.003750771043328743	0.009795905878055677
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	97068735.184000	97067968.204914
Observation start date	2001-01-28T11:31:11	2001-01-28T11:19:28
[s] Observation end time (MET)	97069735.184000	97070080.21749499
Observation end date	2001-01-28T11:47:51	2001-01-28T11:54:40

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



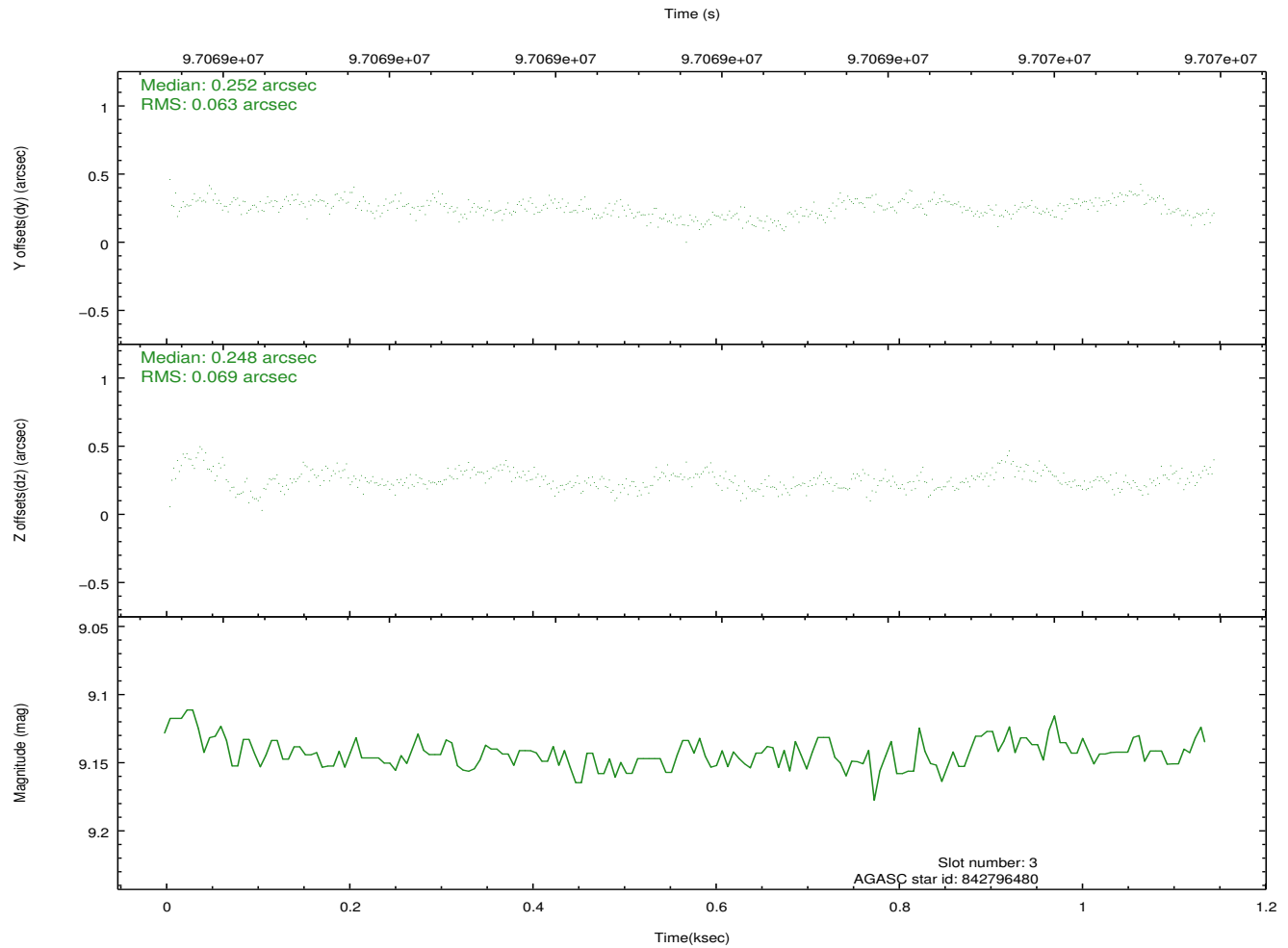
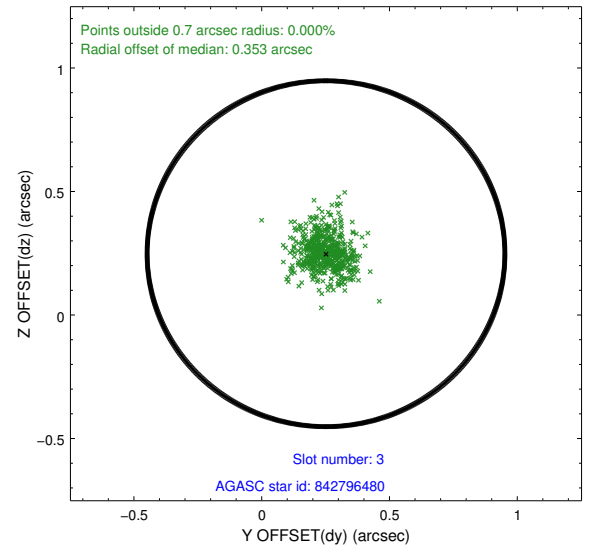
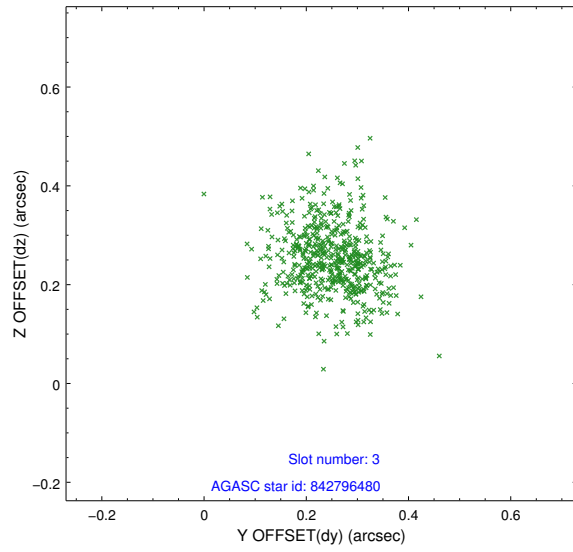


Slot Statistics

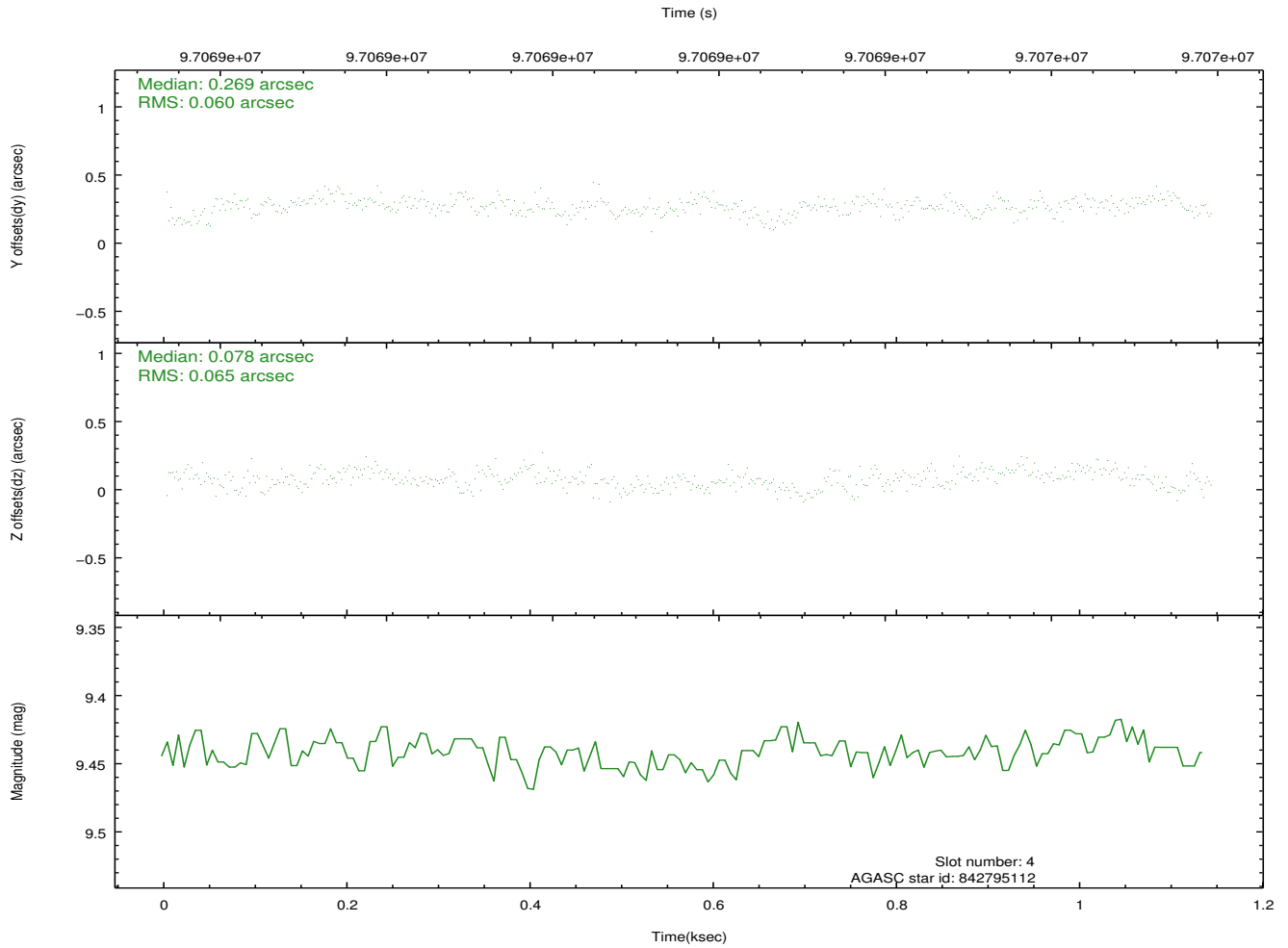
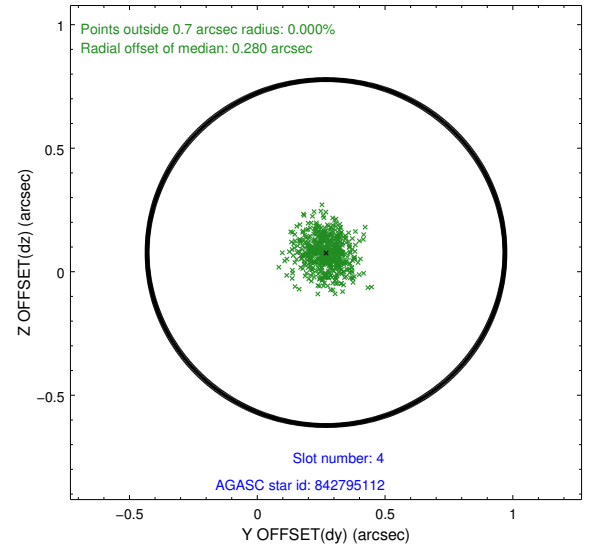
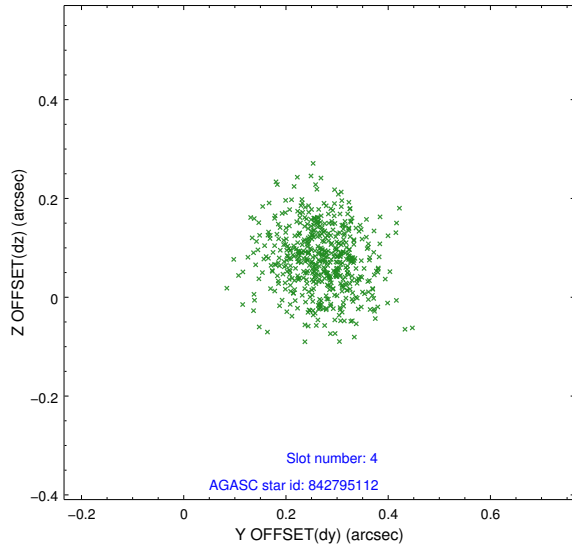
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	278	0.102	-0.092	0.007	0.011	0.000000	0.000000	-1157.43	-455.58
1	FID	HRC-S-3	7.03	279	0.163	-0.117	0.008	0.012	0.000000	0.000000	-1164.30	572.28
2	FID	HRC-S-4	6.96	279	0.123	-0.088	0.005	0.010	0.000000	0.000000	1236.60	578.68
3	GUIDE	842796480	9.14	557	0.252	0.248	0.097	0.163	30.795617	-24.787340	560.87	-148.99
4	GUIDE	842795112	9.44	556	0.269	0.078	0.095	0.155	30.362801	-24.972157	899.90	-1674.76
5	BAD	842798360	10.48	536	-0.719	-0.795	0.162	0.281	31.141322	-24.874226	1119.88	878.45
6	GUIDE	842799696	9.63	557	0.042	0.162	0.097	0.164	30.680671	-24.247914	-1414.44	-85.06
7	GUIDE	842797336	10.59	549	0.129	0.285	0.211	0.345	31.198940	-24.488500	-196.30	1377.64

2.4 Star Slots

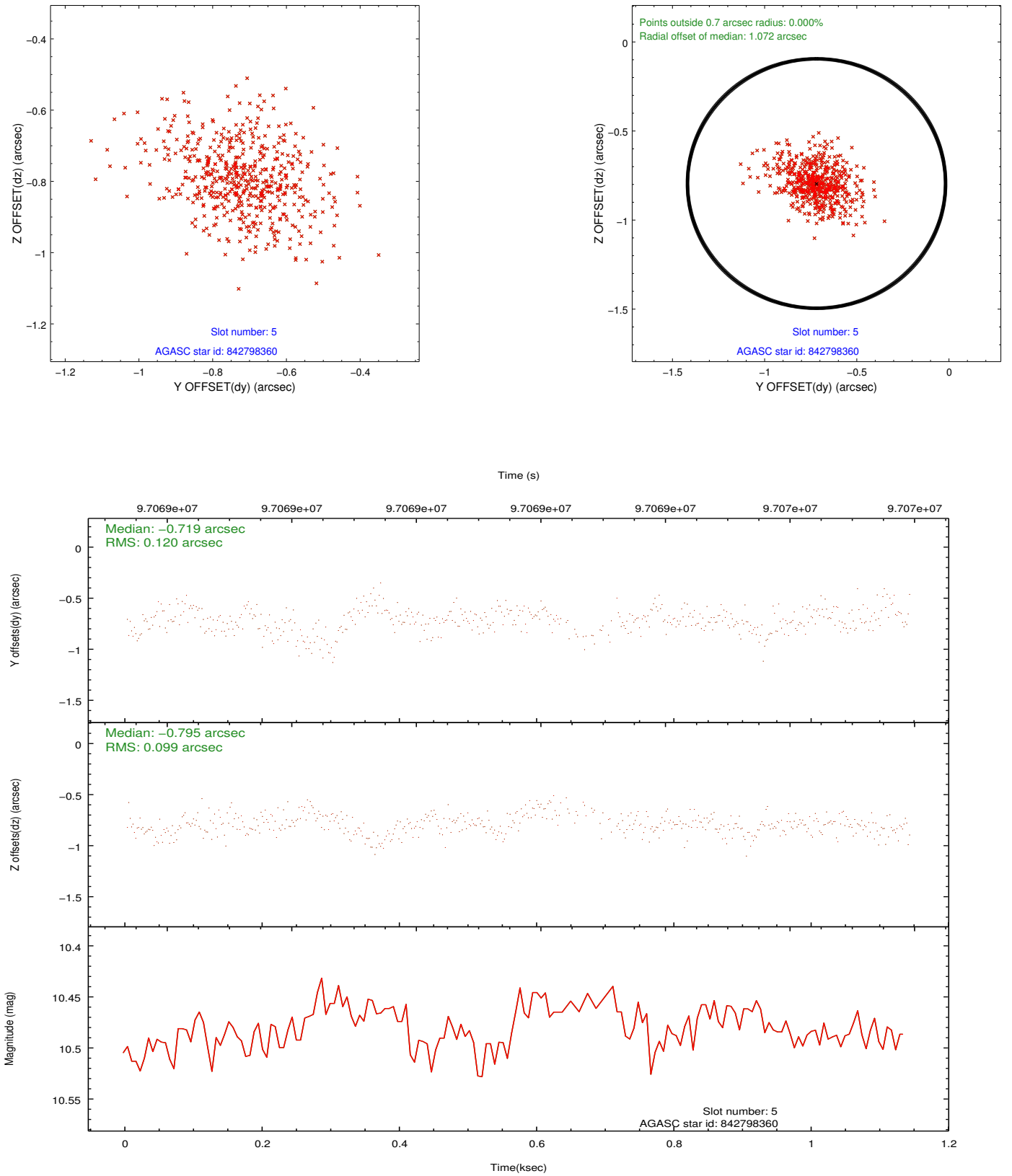
2.4.1 Slot 3



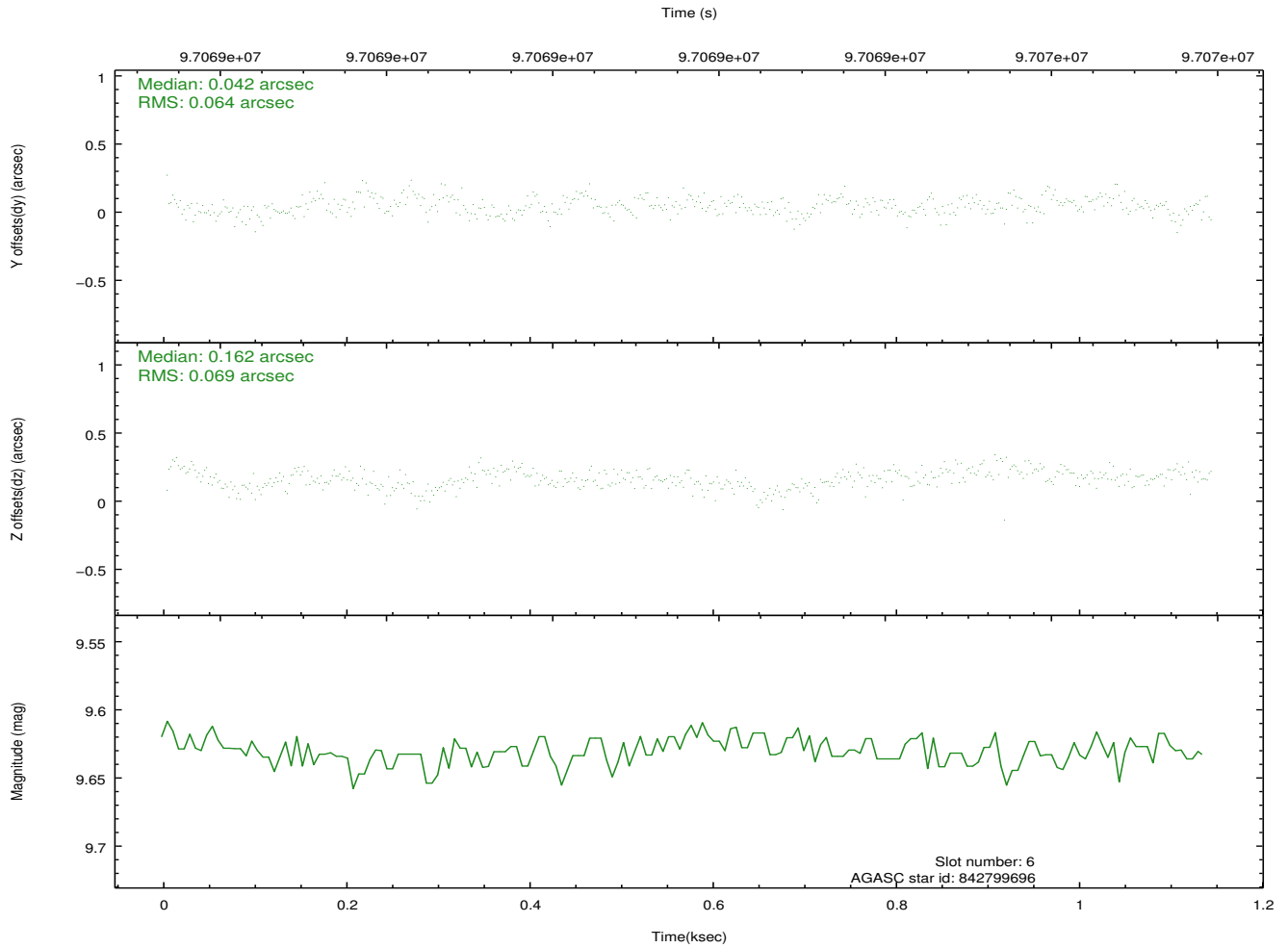
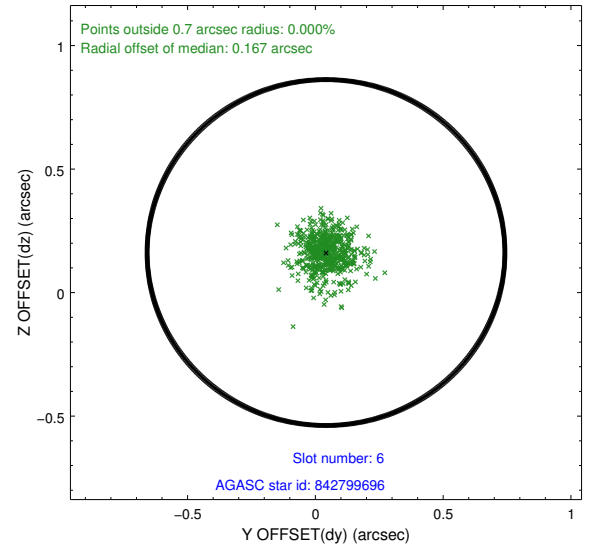
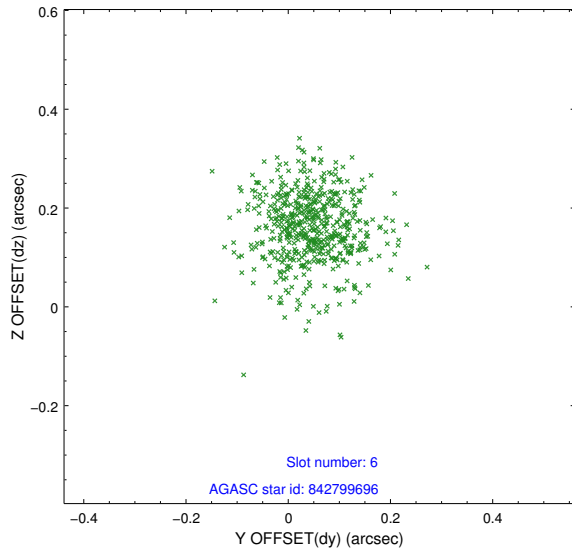
2.4.2 Slot 4



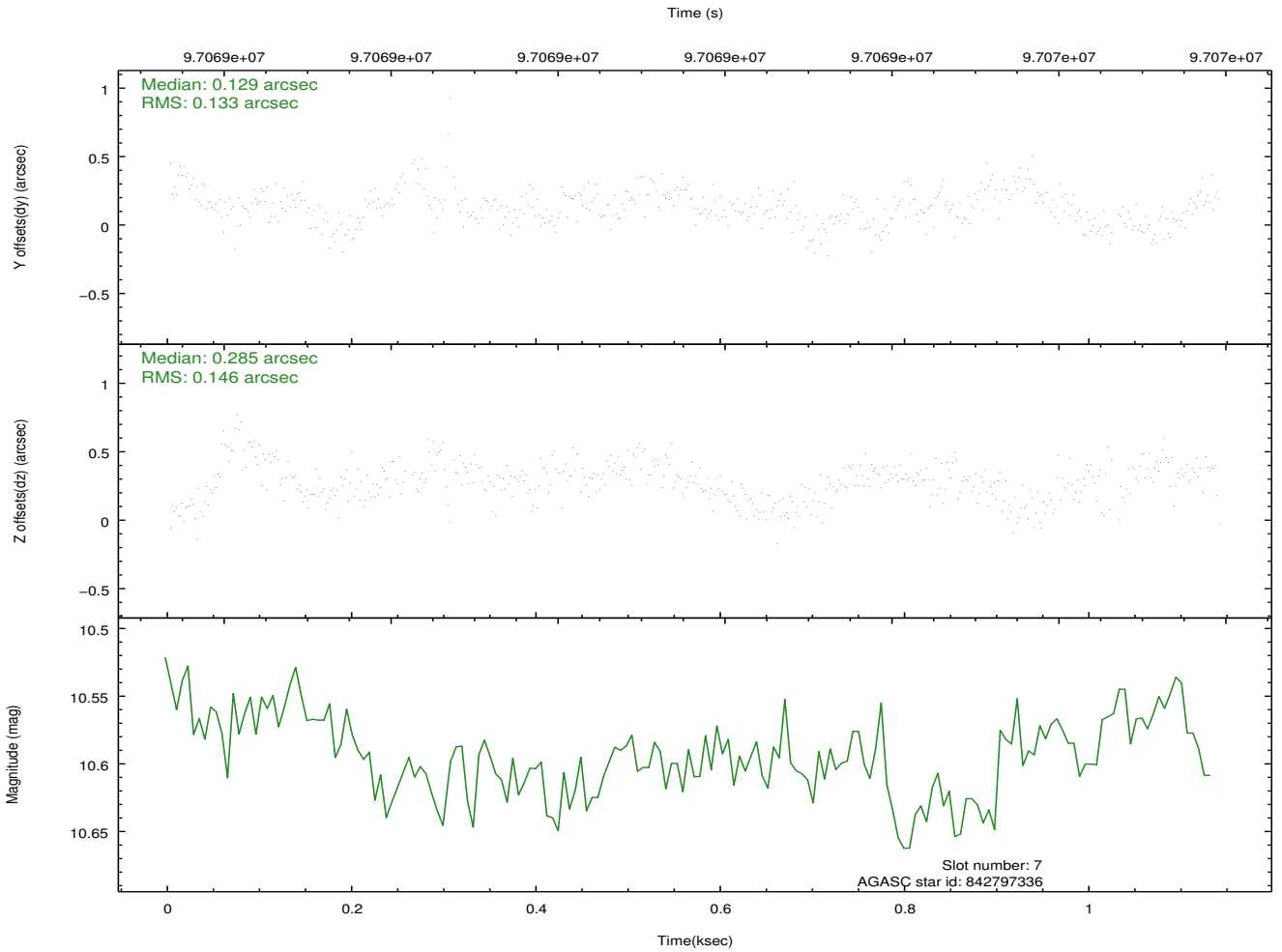
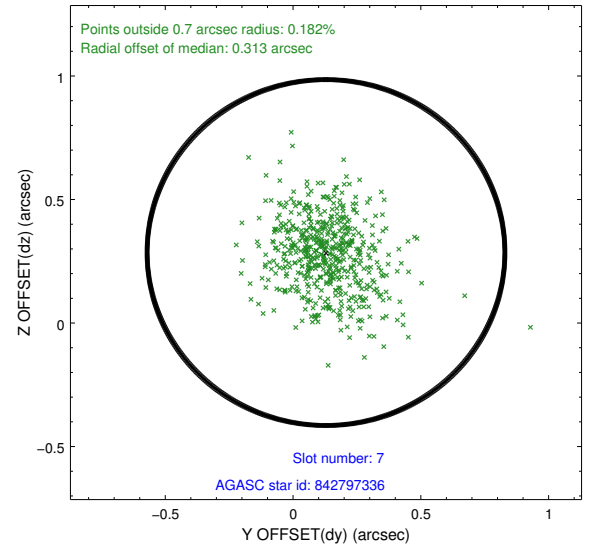
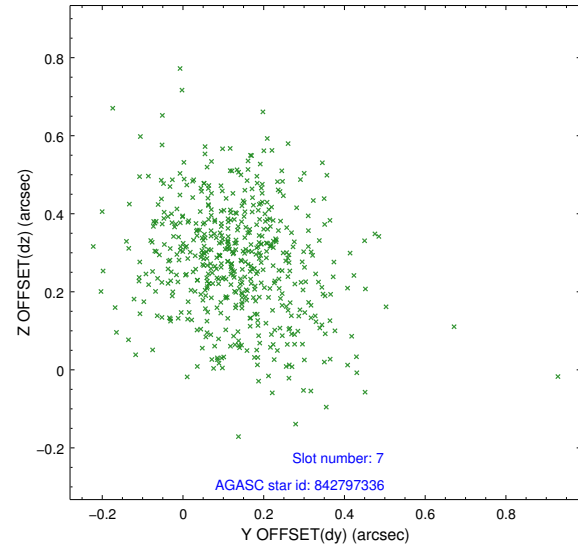
2.4.3 Slot 5



2.4.4 Slot 6

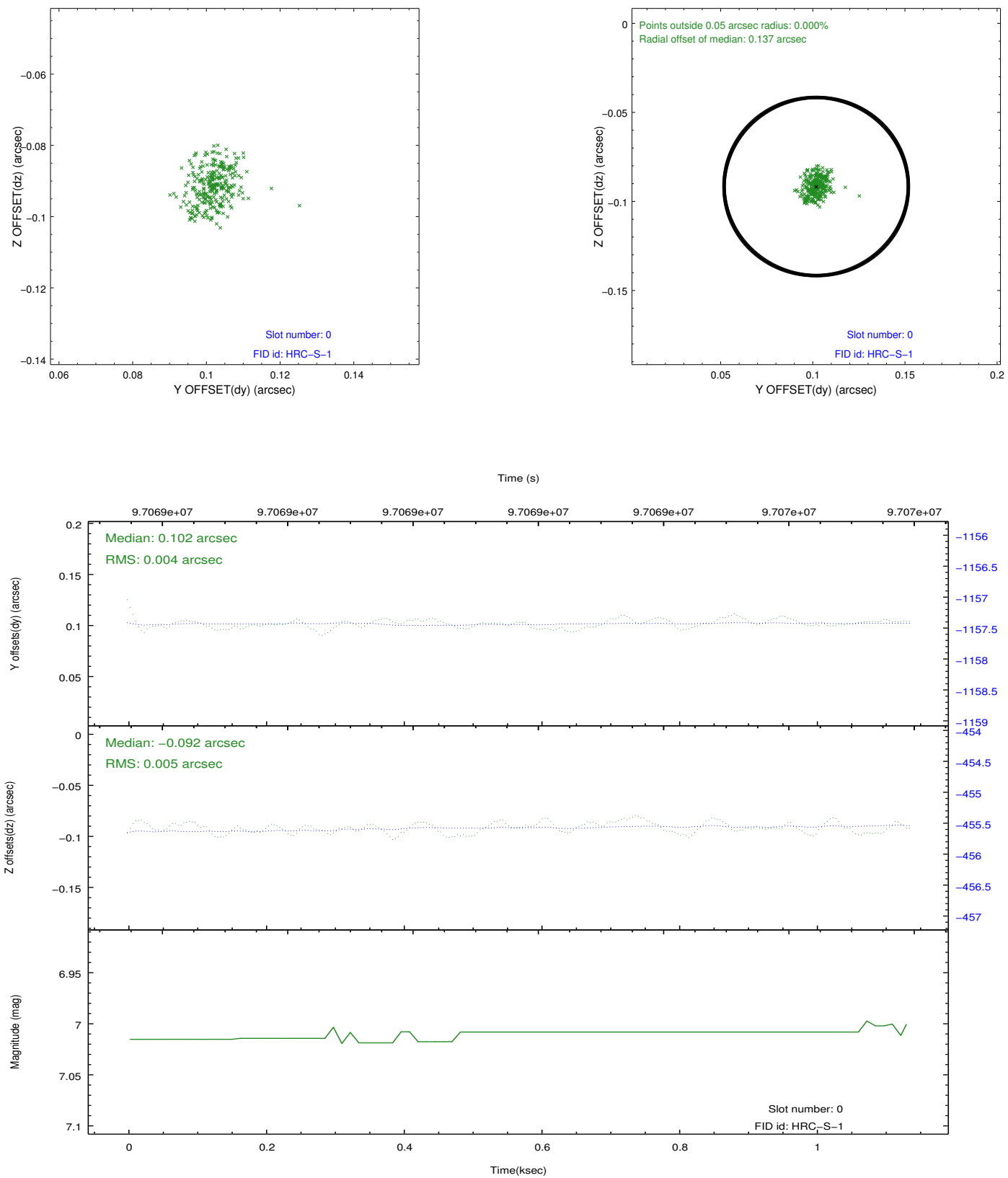


2.4.5 Slot 7

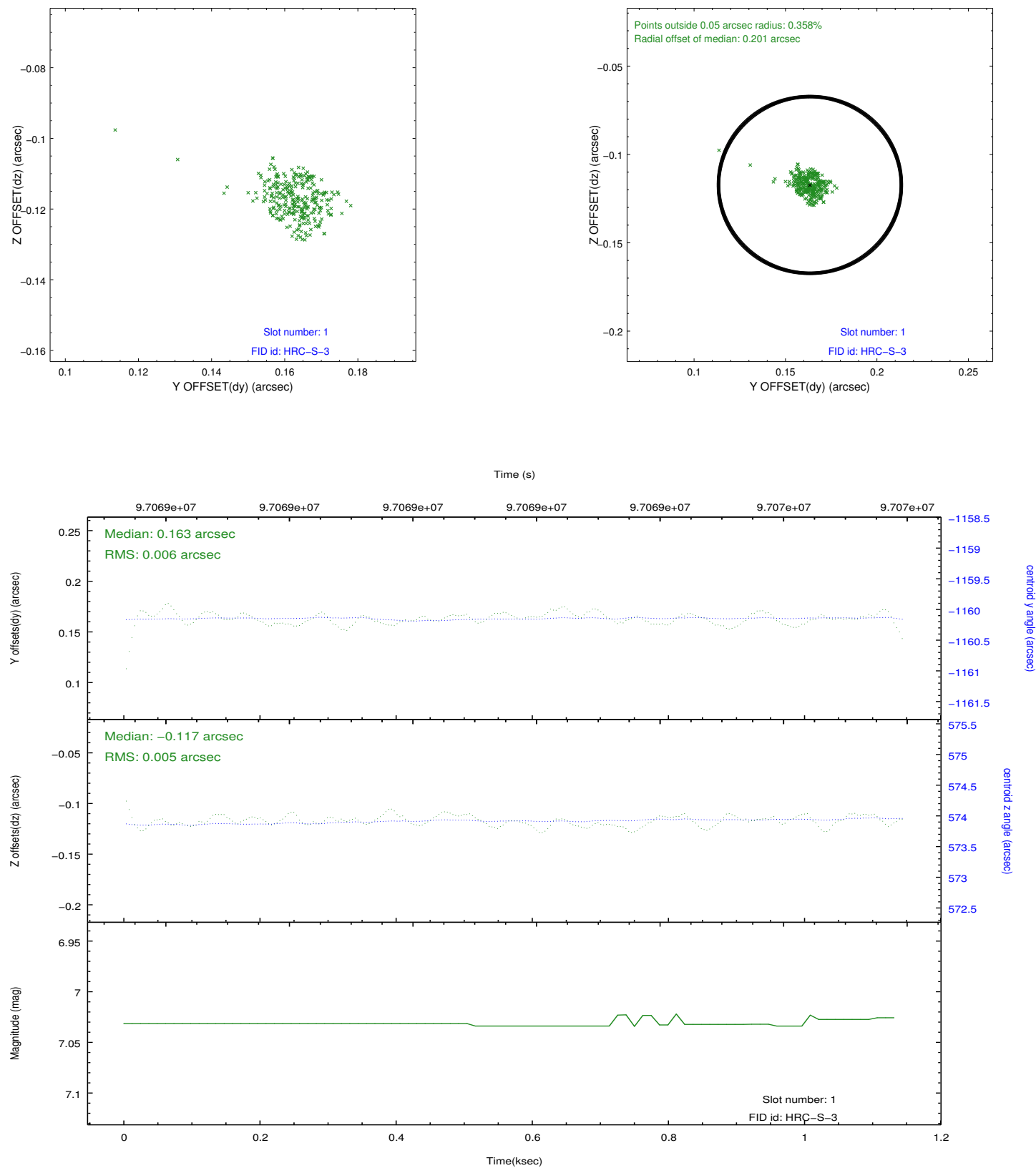


2.5 FID Slots

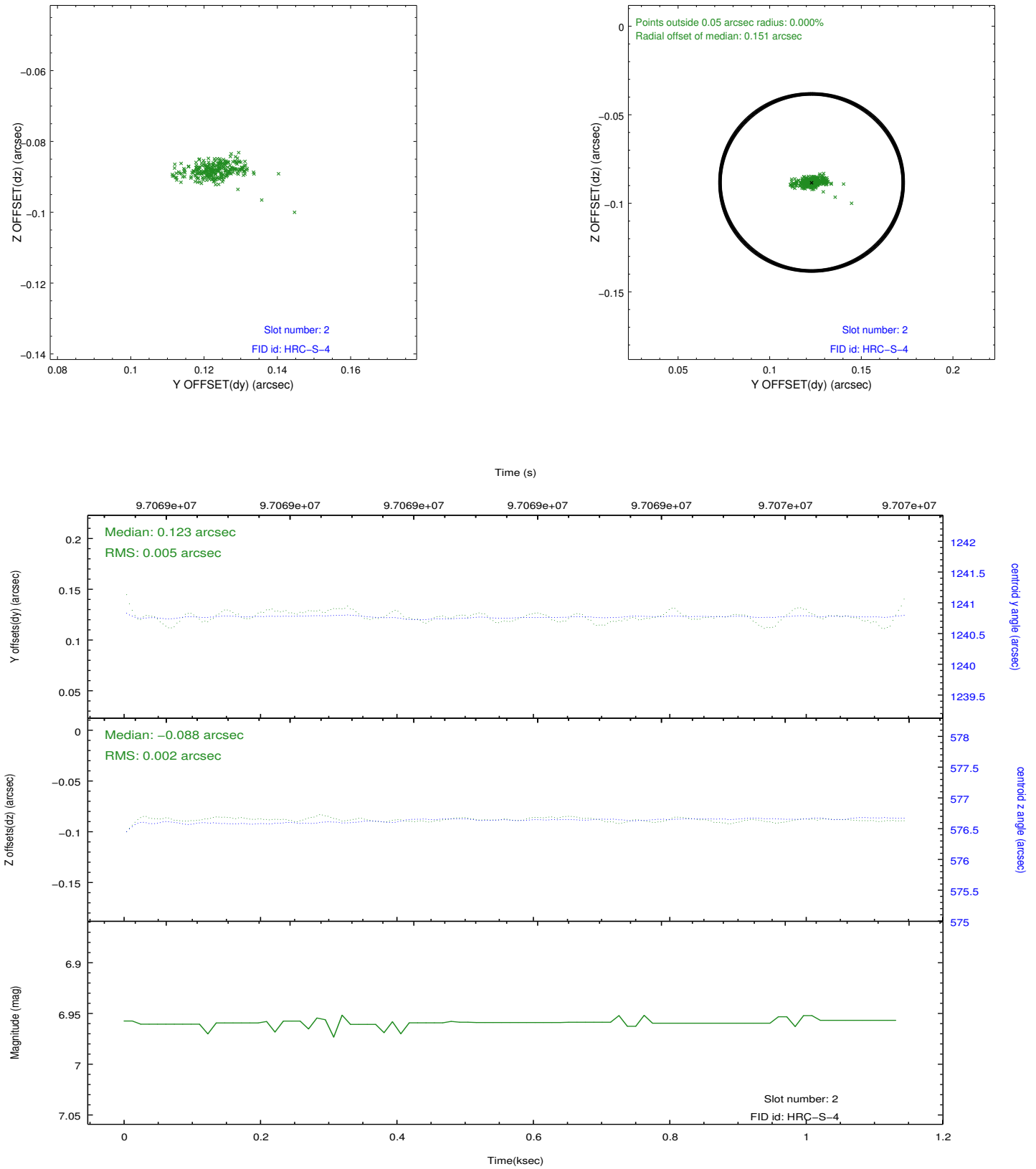
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.91

A.2 Comments

Charge time for this observation remains at previous value of 0.91 ksec.