

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6624 - L2 Version 3
Chandra X-Ray Center

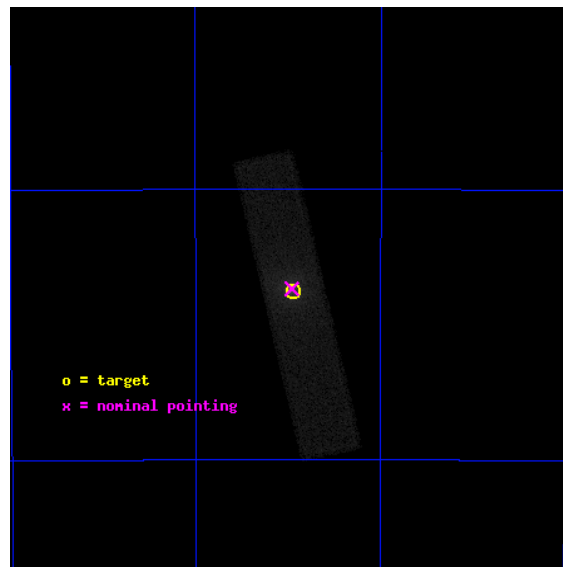
L2 Processing Date : Aug 11 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

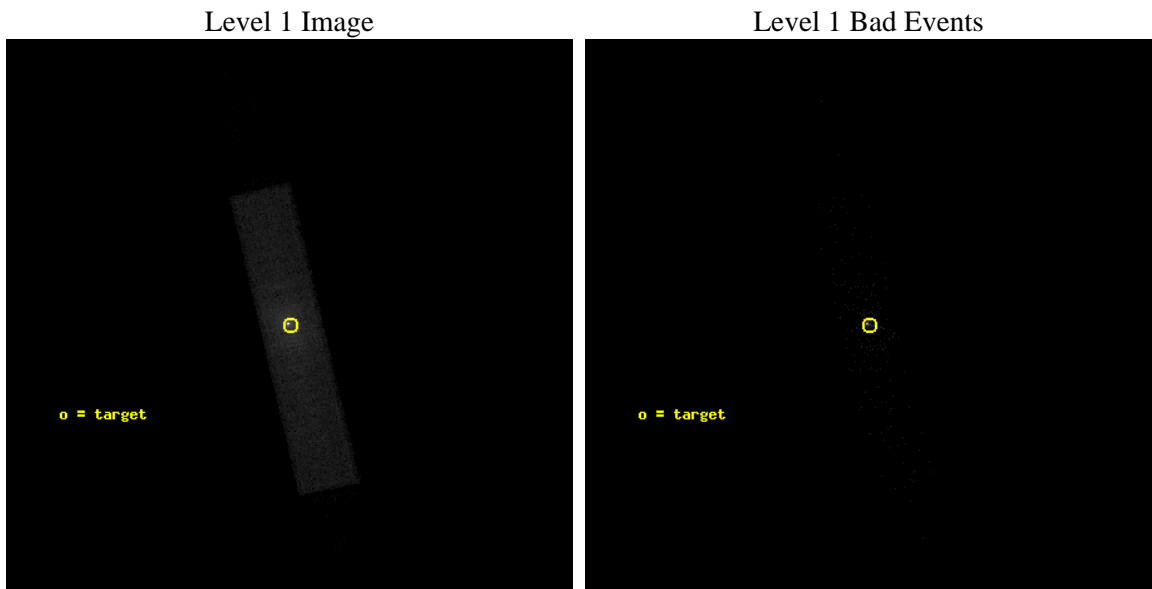
seq_num	400529	Sequence number
obs_id	6624	Observation id
title	Precise Localization of Neutron Star Soft X-Ray Transients	Proposa
observer	Prof. Deepto Chakrabarty	Principal investigator
object	XTE J1701-462	Source name
ra_targ	255.2383	Observer's specified target RA [deg]
dec_targ	-46.188	Observer's specified target Dec [deg]
ra_nom	255.24019189976	Nominal RA [deg]
dec_nom	-46.183992282599	Nominal Dec [deg]
roll_nom	76.693620258061	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1142.8750531971	[s]
livetime	1131.8209875586	Ontime multiplied by DTCOR
l2events	137970	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	8.4.5	Processing system revision	ontime	1142.8750531971	[s]
caldbver	4.5.1.1	 	l1events	217391	Number of level 1 events
date	2012-08-11T05:38:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

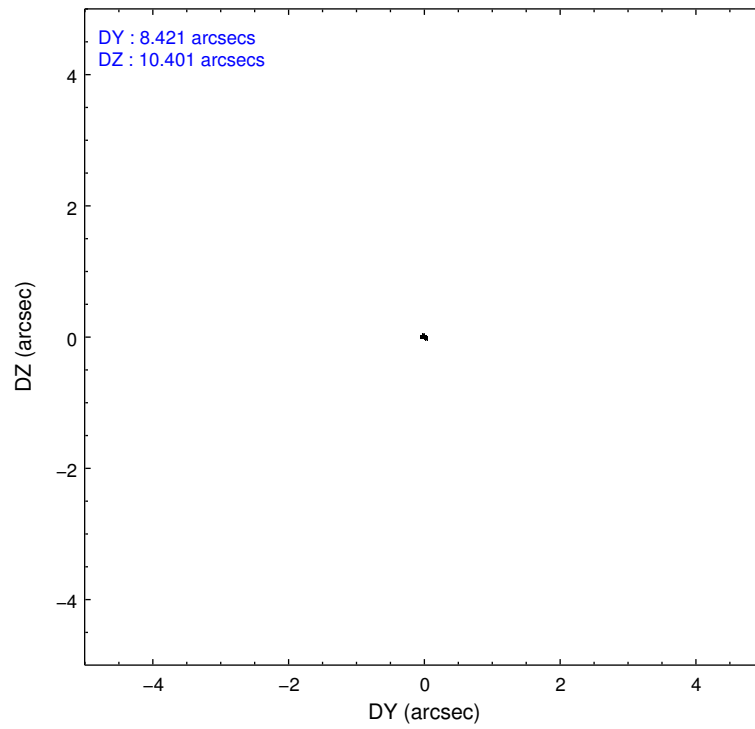
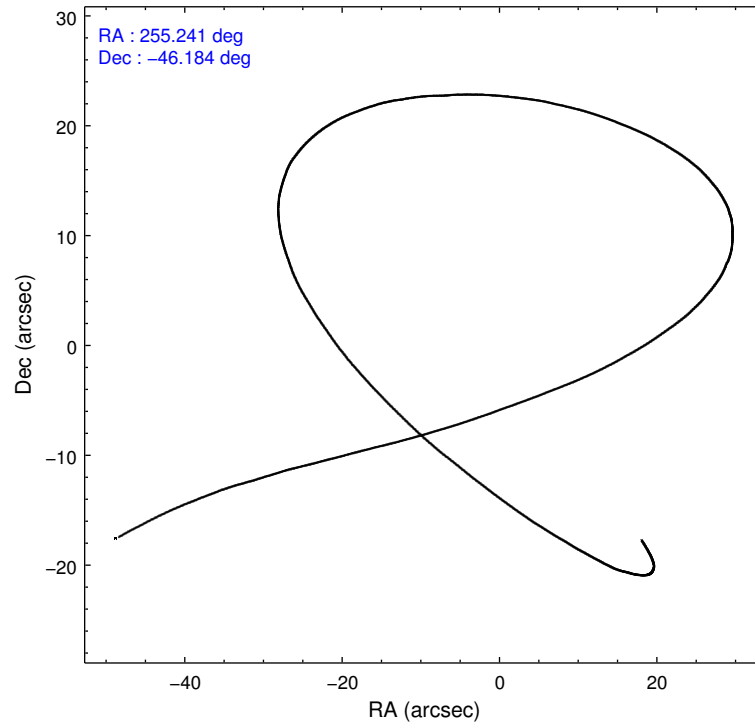
	segment 1	segment 2	segment 3
level 1 events	1481	214603	1307
rejected events	1230	53432	1157
rejected %	83%	24%	88%

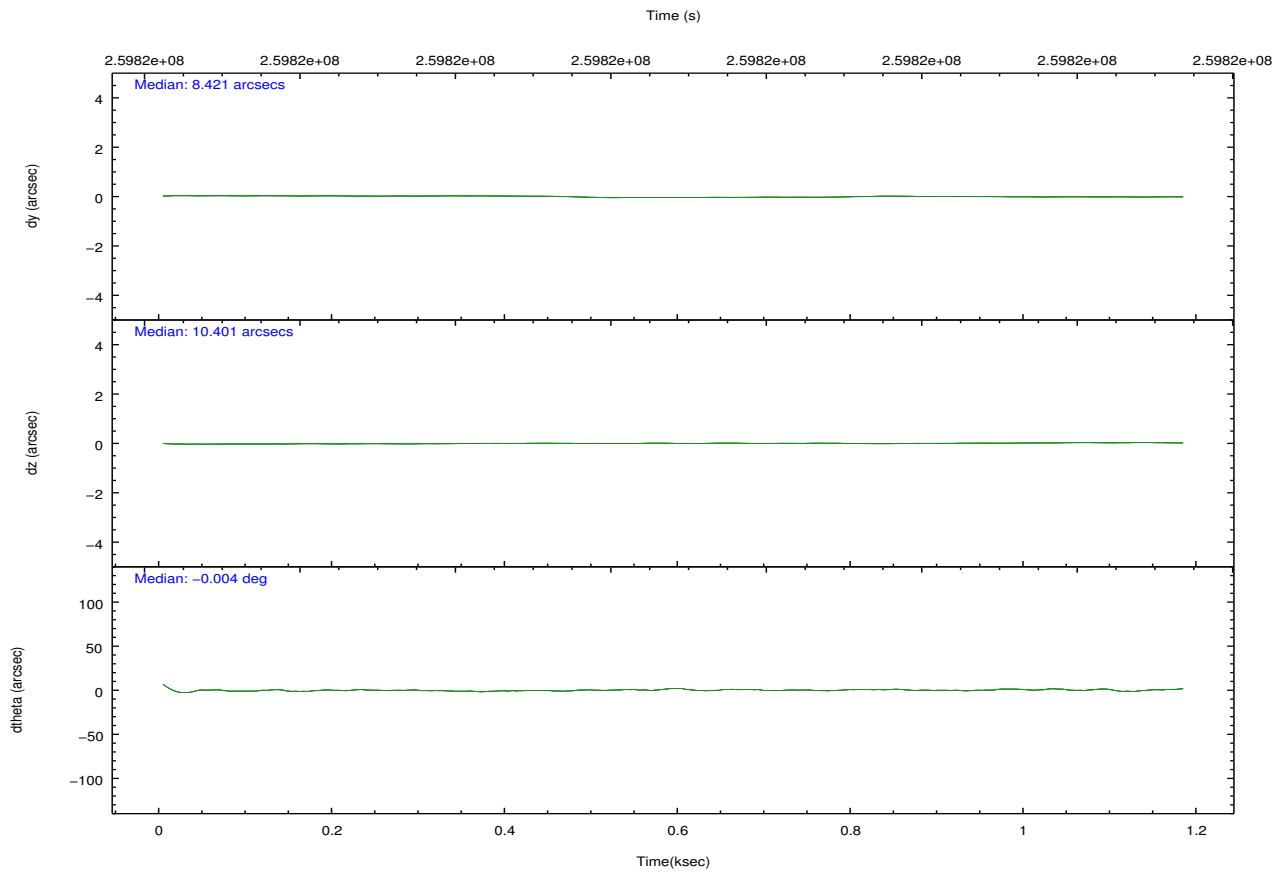
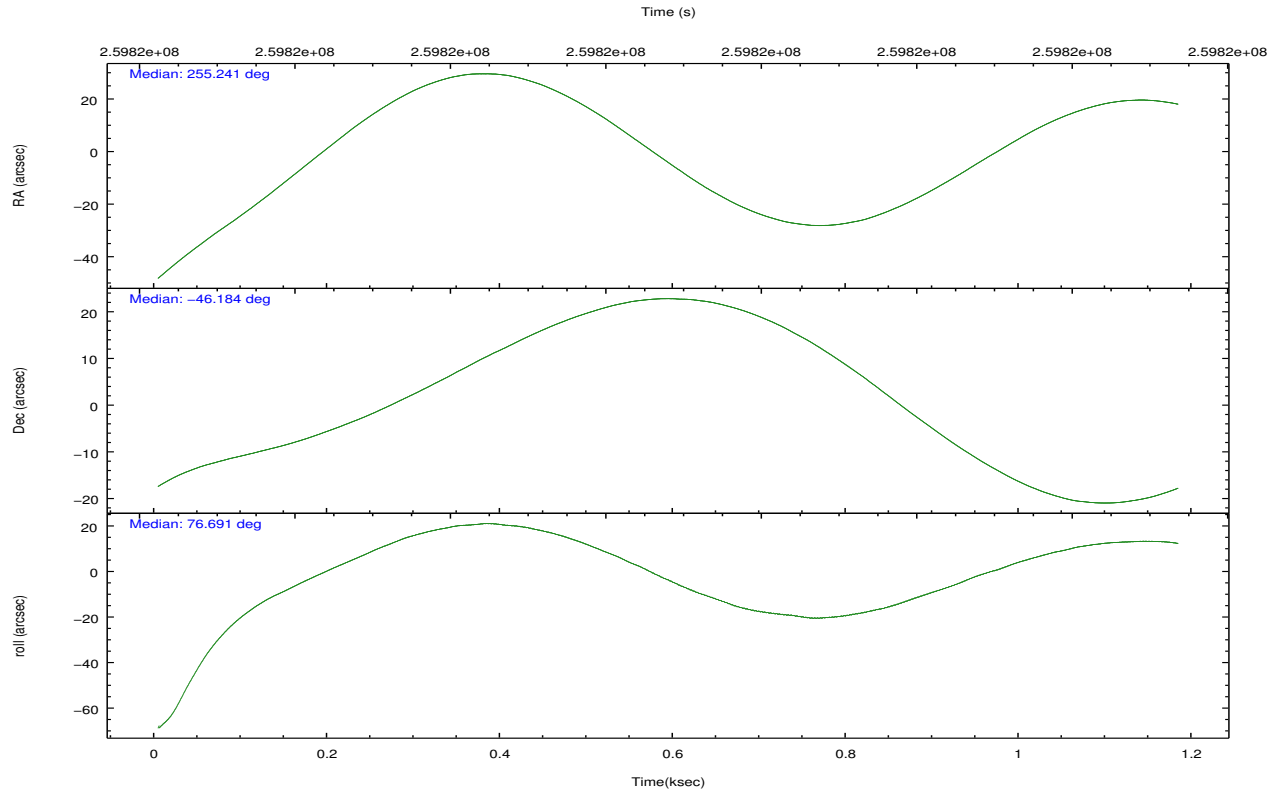
2.2 Compared Parameters

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	255.253864	255.2401918997588
[deg] Pointing Dec	-46.210427	-46.18399228259944
[deg] Pointing Roll	76.636490	76.69362025806123
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	259818073.184000	259817388.04503
Observation start date	2006-03-27T03:40:08	2006-03-27T03:29:48
[s] Observation end time (MET)	259819073.184000	259819847.02014
Observation end date	2006-03-27T03:56:48	2006-03-27T04:10:47

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

2.3 Aspect



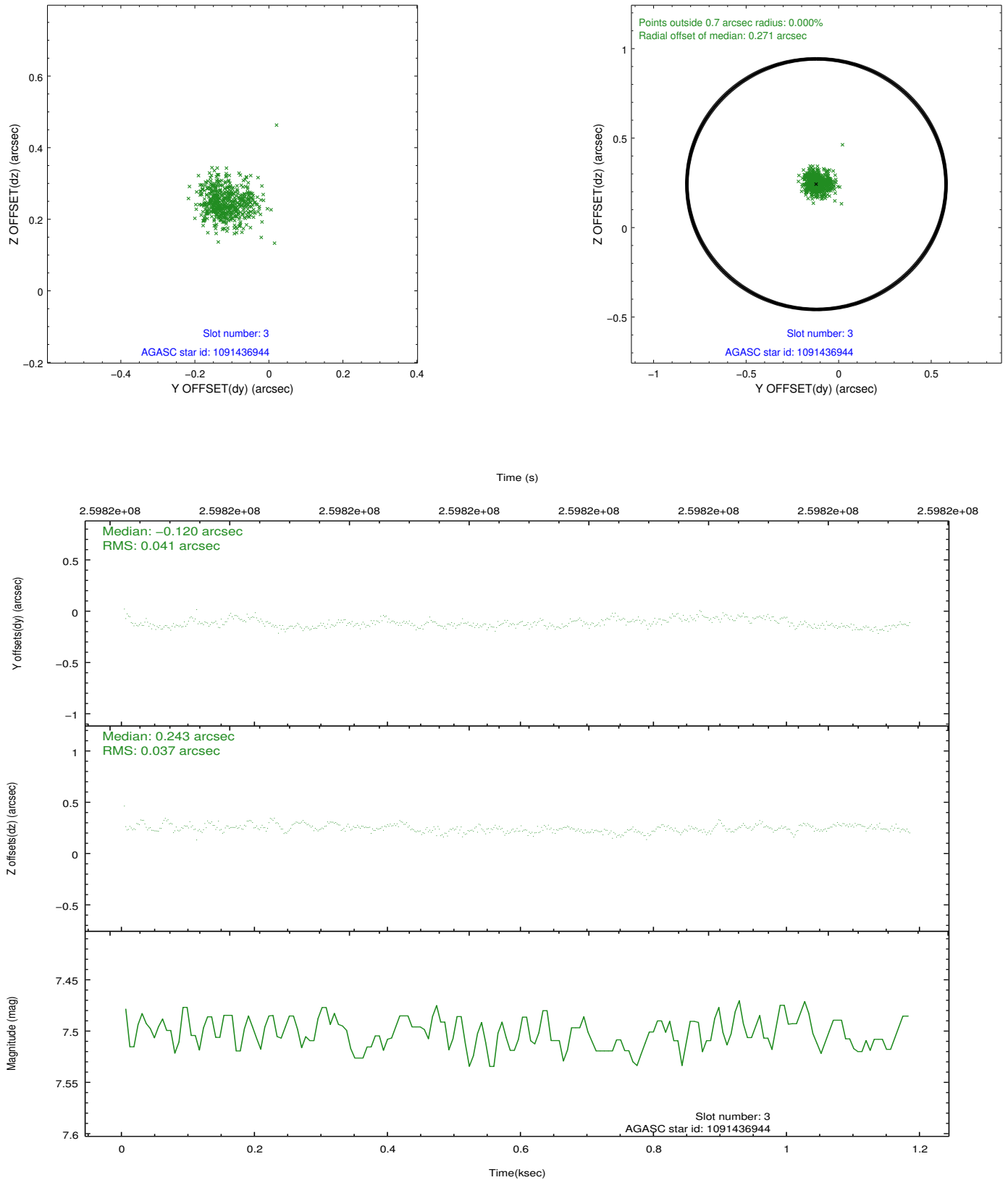


Slot Statistics

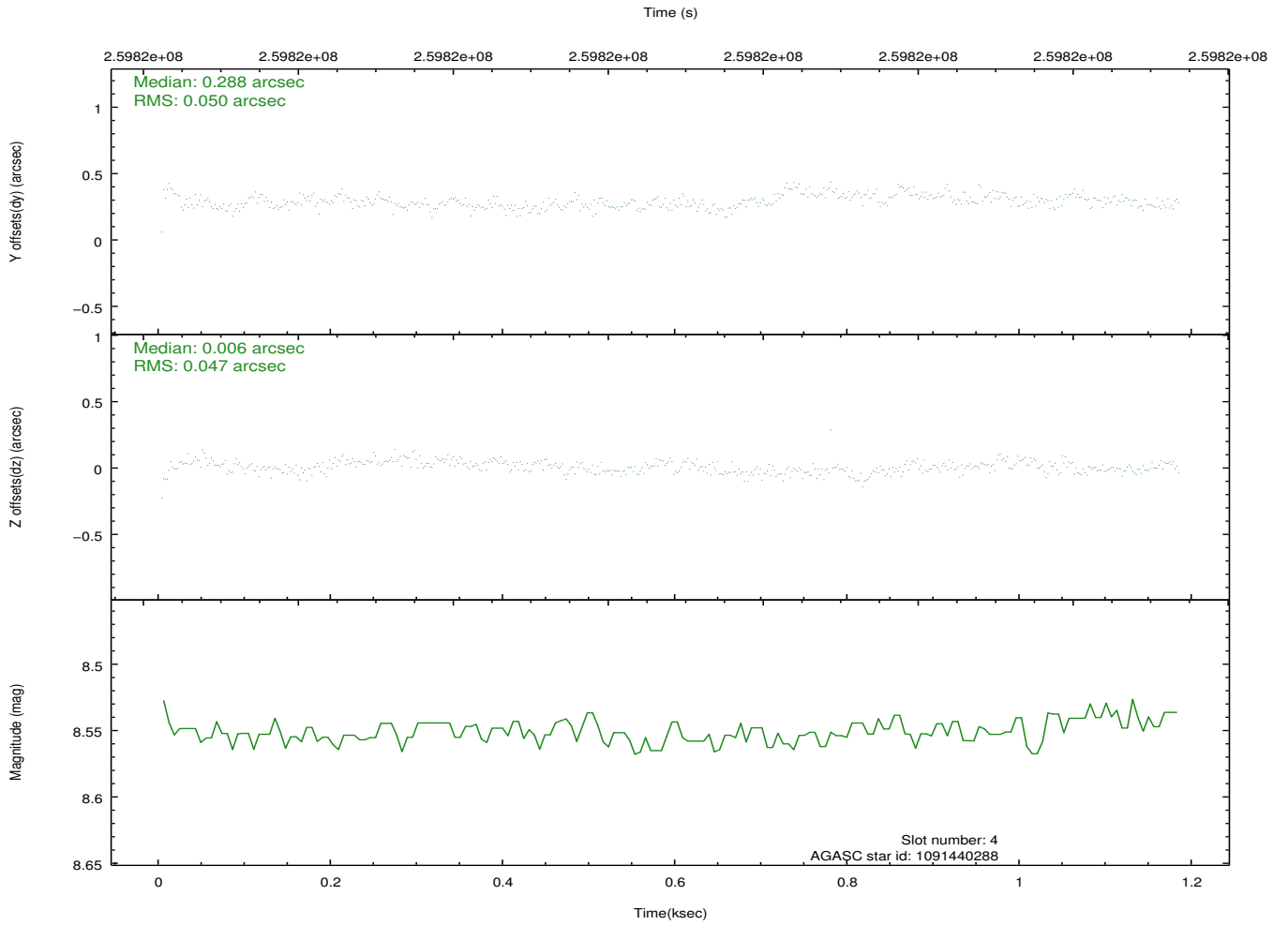
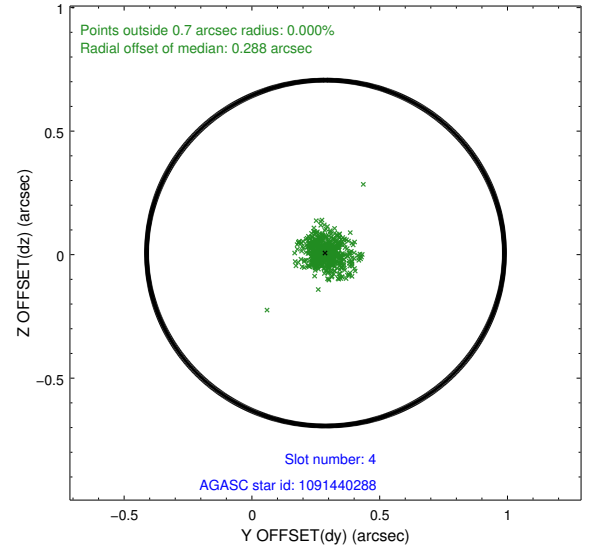
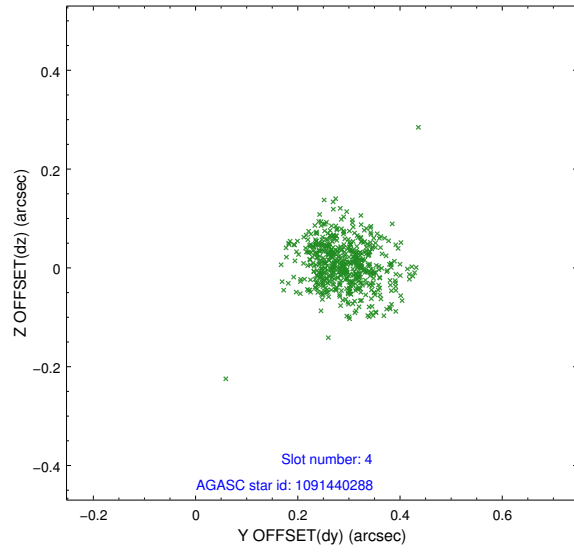
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	289	0.081	-0.142	0.004	0.008	0.000000	0.000000	-1162.63	-459.04
1	FID	HRC-S-2	6.99	288	0.096	-0.121	0.009	0.019	0.000000	0.000000	1233.00	-453.22
2	FID	HRC-S-4	6.97	288	0.227	-0.041	0.009	0.017	0.000000	0.000000	1240.01	571.60
3	GUIDE	1091436944	7.50	577	-0.120	0.243	0.059	0.093	255.747540	-46.187588	362.37	-1177.74
4	GUIDE	1091440288	8.55	577	0.288	0.006	0.069	0.117	254.504918	-46.709153	-2180.19	1380.59
5	GUIDE	1091443144	8.23	577	-0.216	-0.191	0.083	0.135	254.556494	-45.731344	1263.18	2105.06
6	GUIDE	1091443112	7.92	573	-0.196	-0.047	0.077	0.116	254.637652	-45.920353	657.08	1745.99
7	GUIDE	1091440000	8.99	576	0.230	-0.003	0.099	0.165	254.971678	-46.695128	-1856.84	278.15

2.4 Star Slots

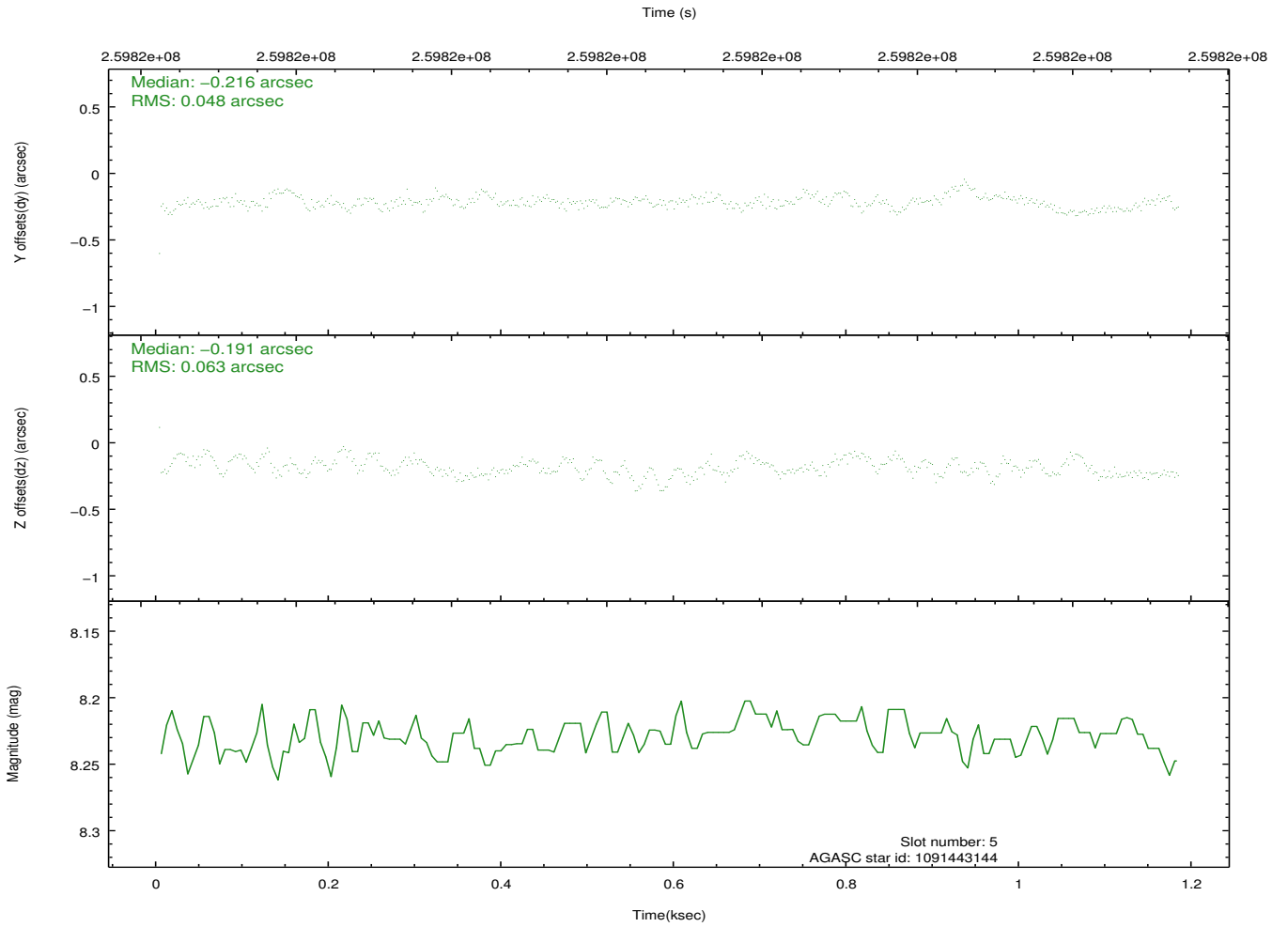
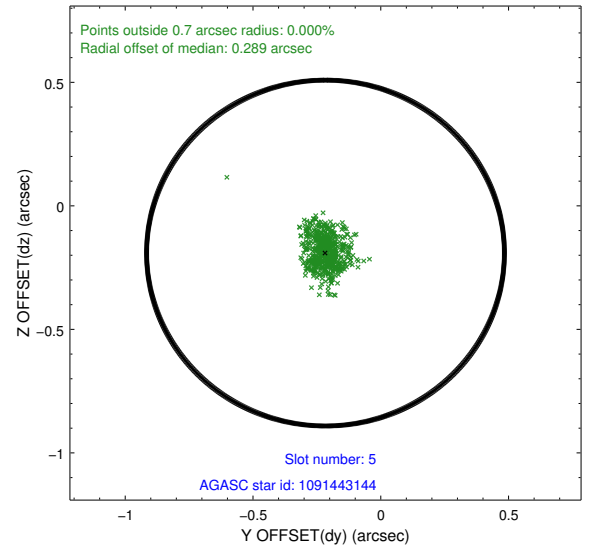
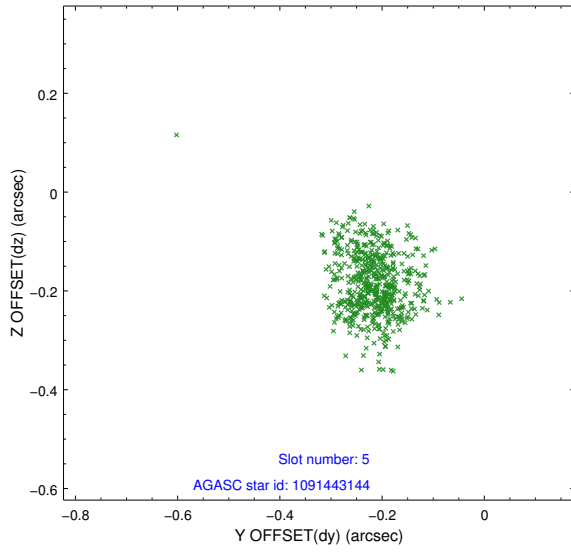
2.4.1 Slot 3



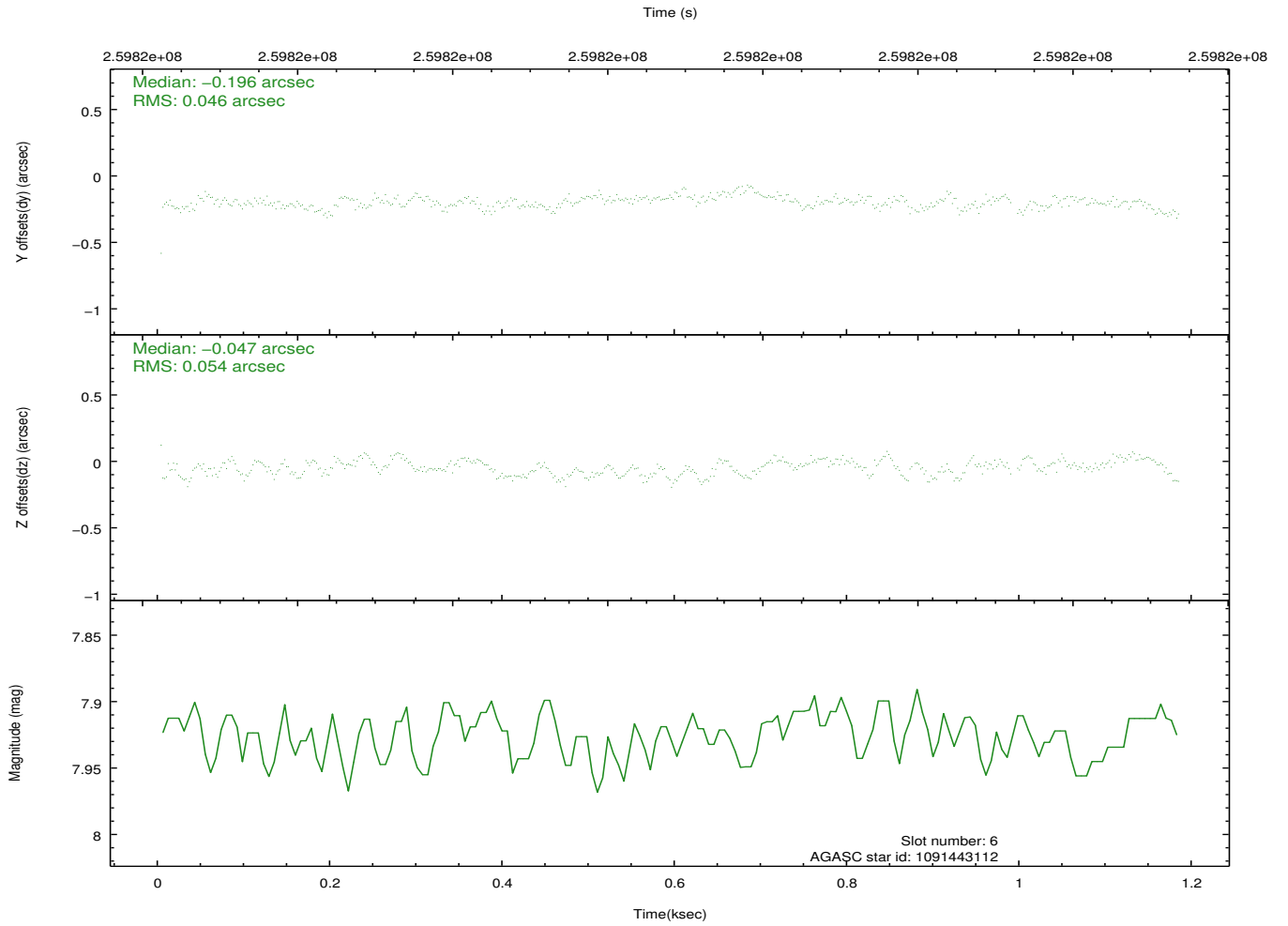
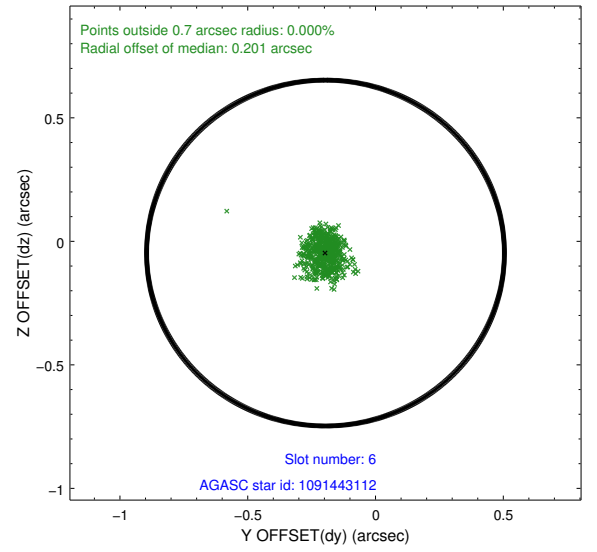
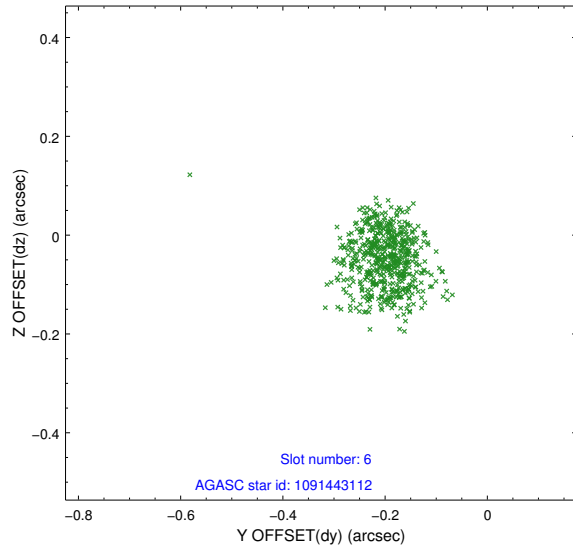
2.4.2 Slot 4



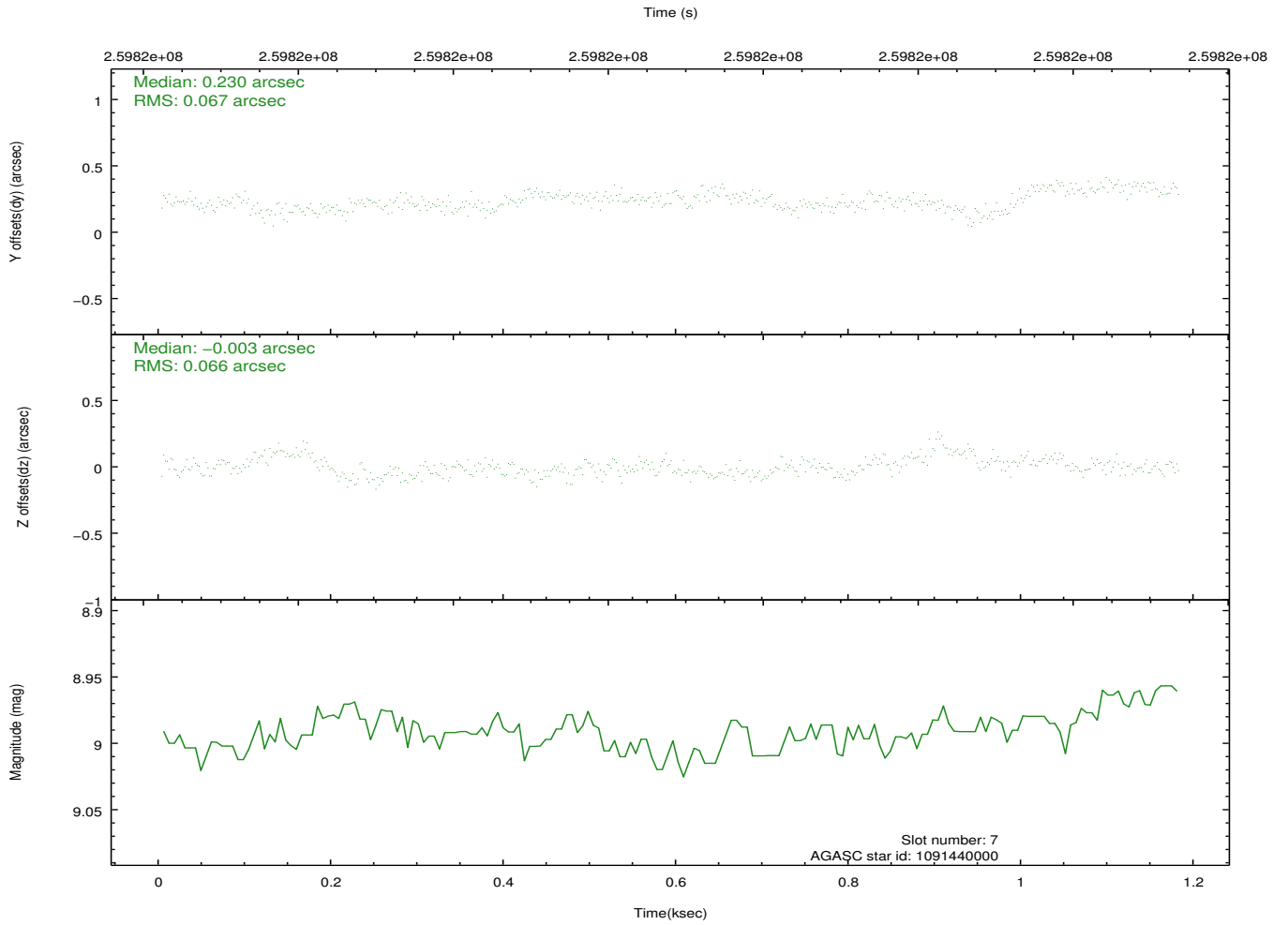
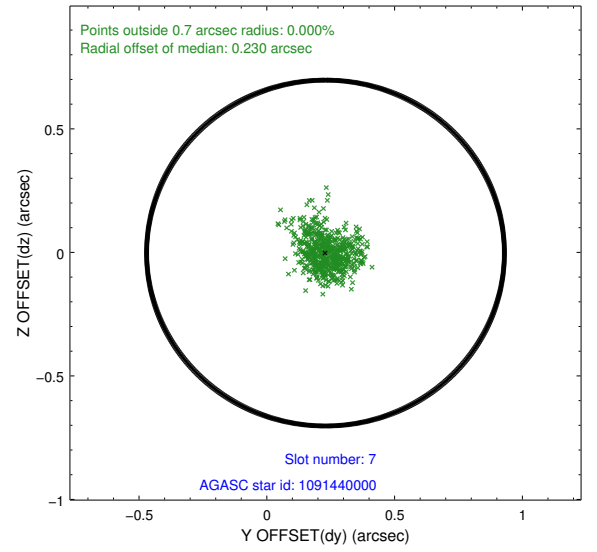
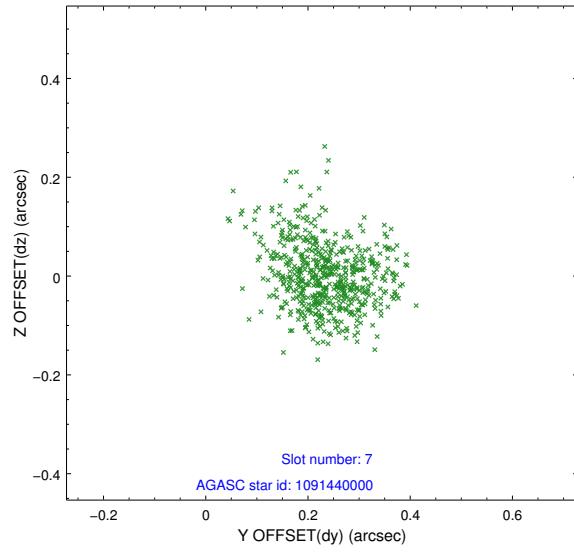
2.4.3 Slot 5



2.4.4 Slot 6

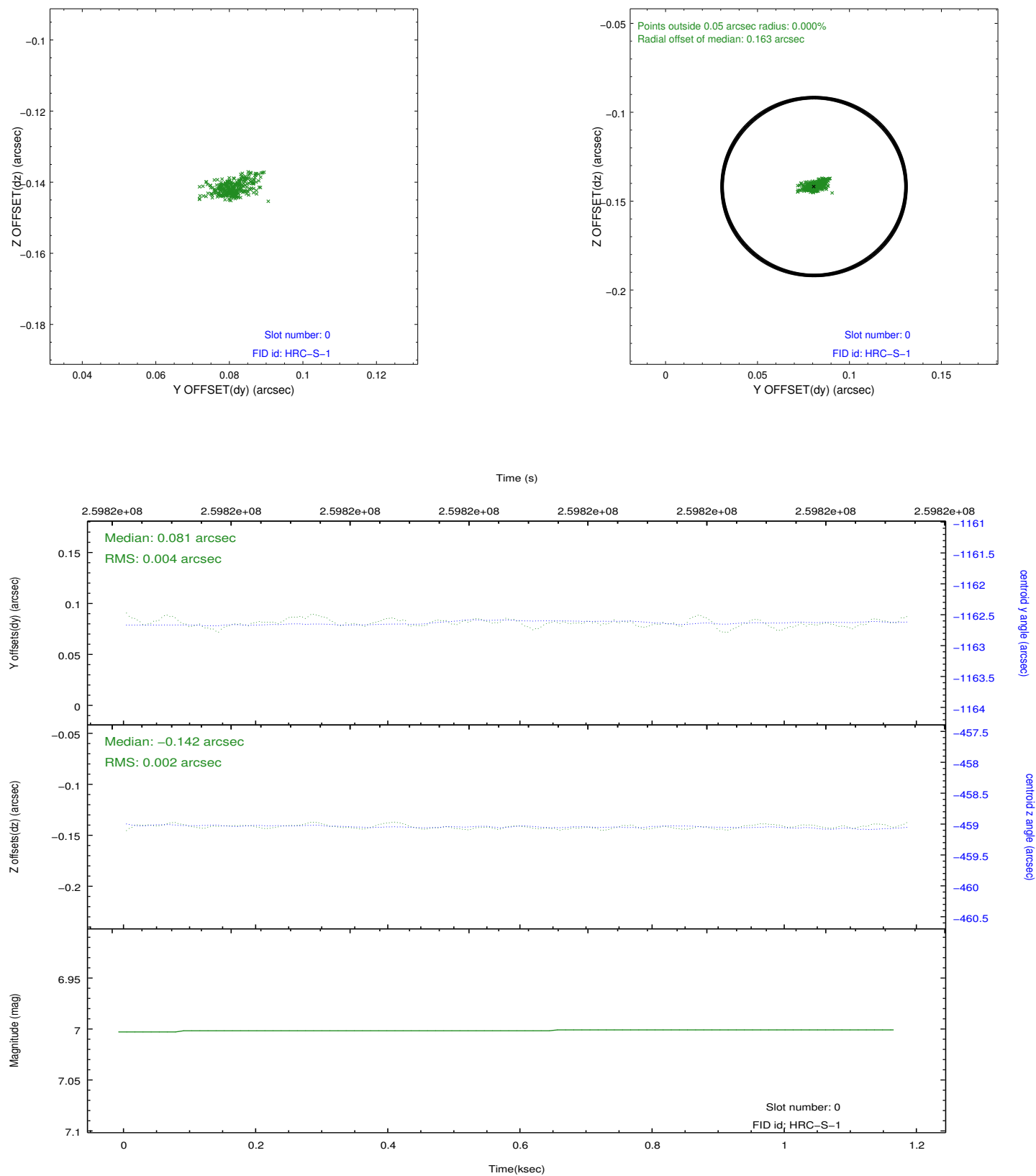


2.4.5 Slot 7

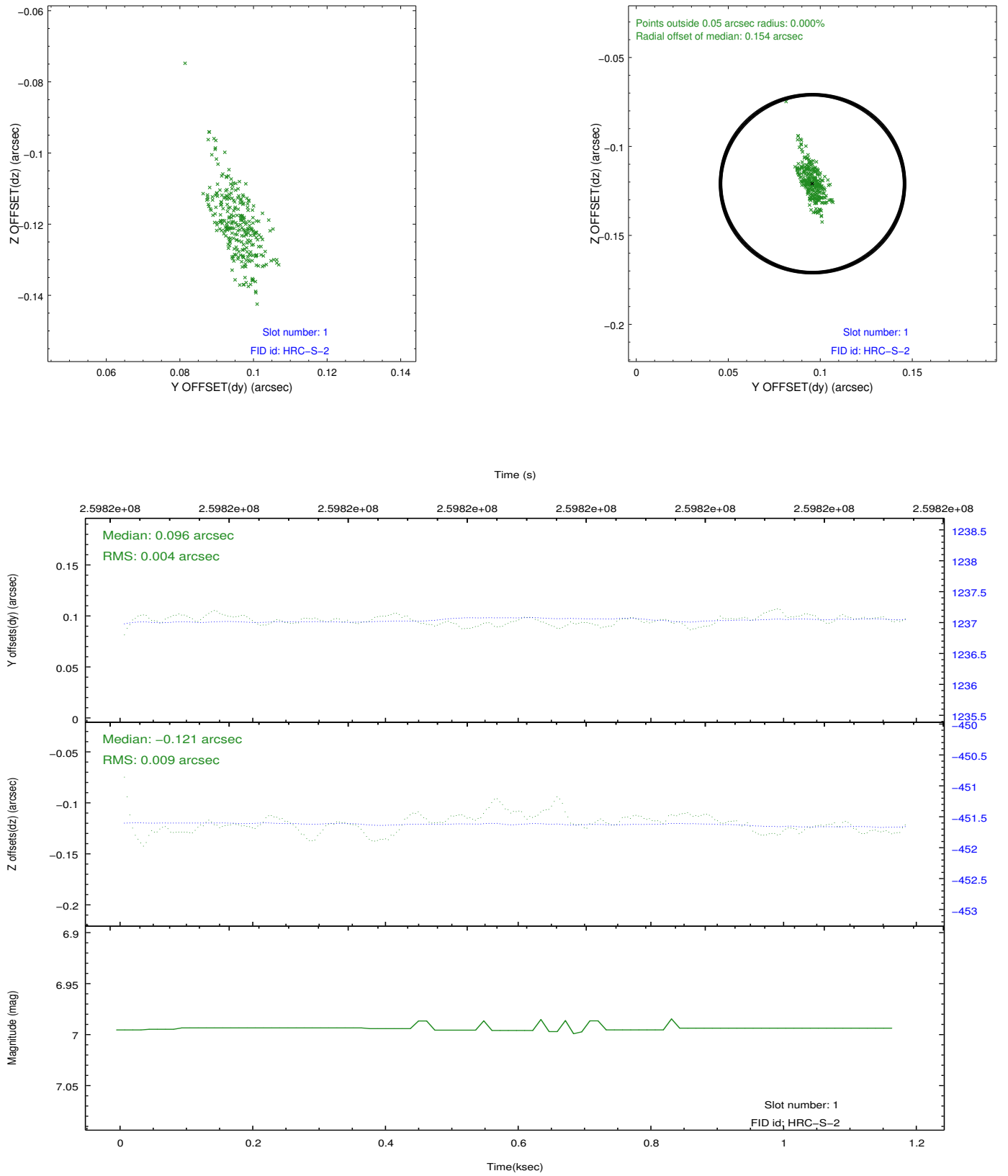


2.5 FID Slots

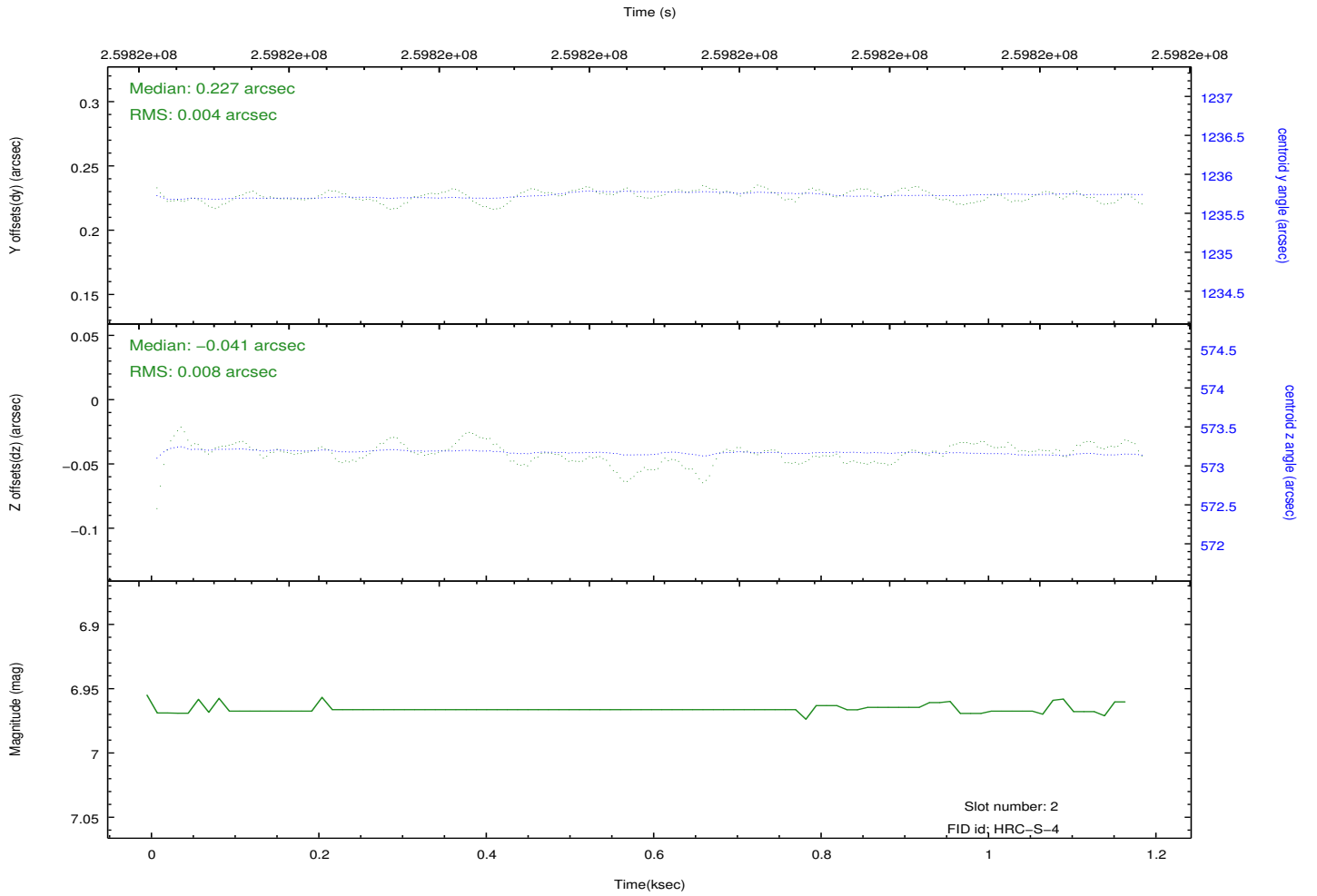
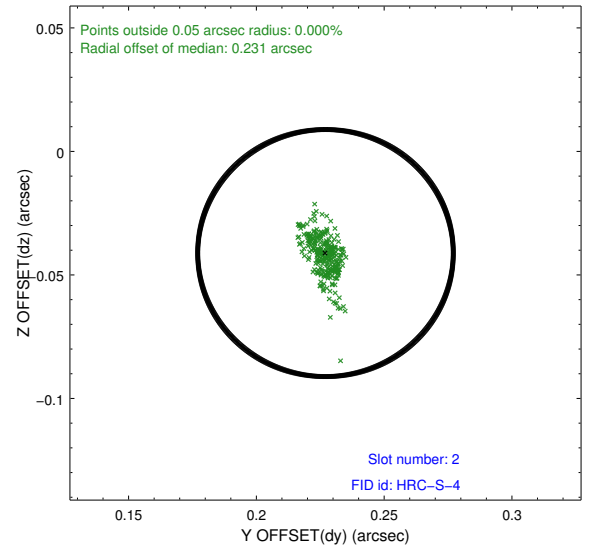
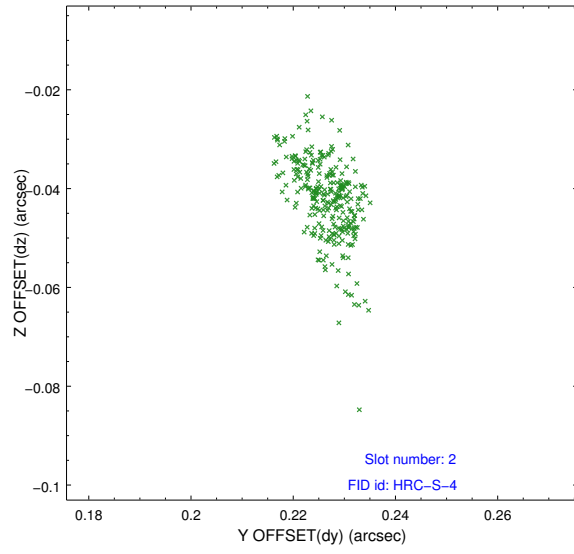
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.14287505

A.2 Comments