

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11902 - L2 Version 2
Chandra X-Ray Center

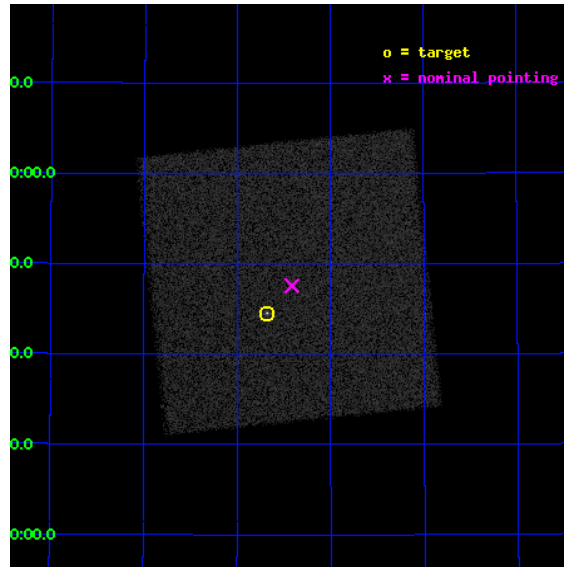
L2 Processing Date : Jul 3 2012

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

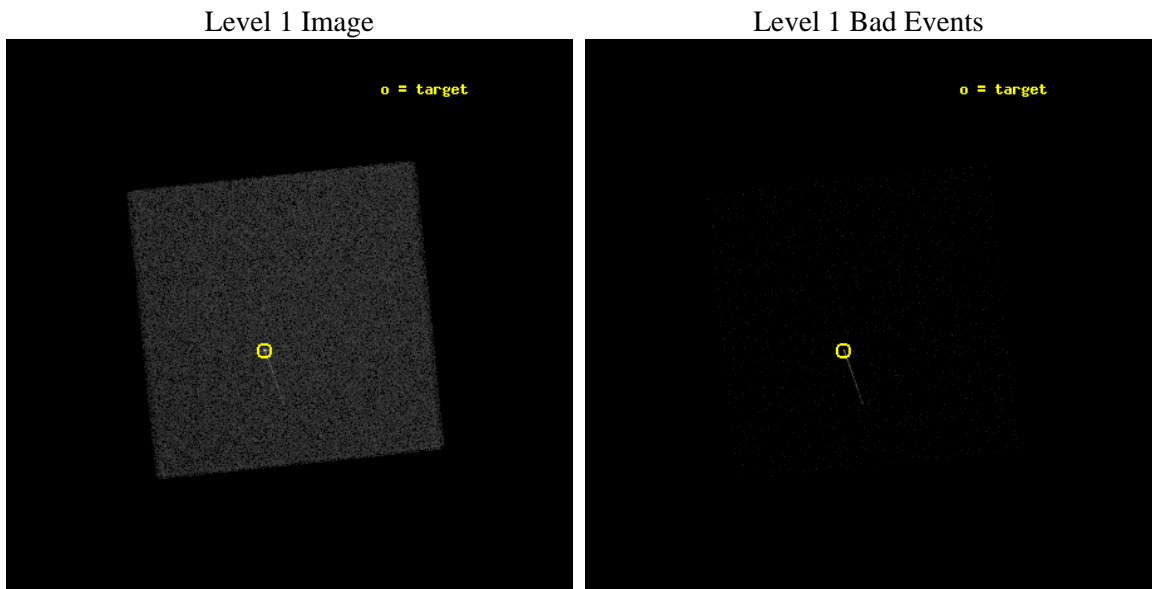
seq_num	290891	Sequence number
obs_id	11902	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.10354613548	Nominal RA [deg]
dec_nom	45.792856682487	Nominal Dec [deg]
roll_nom	219.06190896454	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1181.8250606656	[s]
livetime	1168.8779755652	Ontime multiplied by DTCOR
l2events	90579	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	1181.8250606656	[s]
caldbver	4.5.0	 	l1events	160701	Number of level 1 events
date	2012-07-03T23:51:39	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

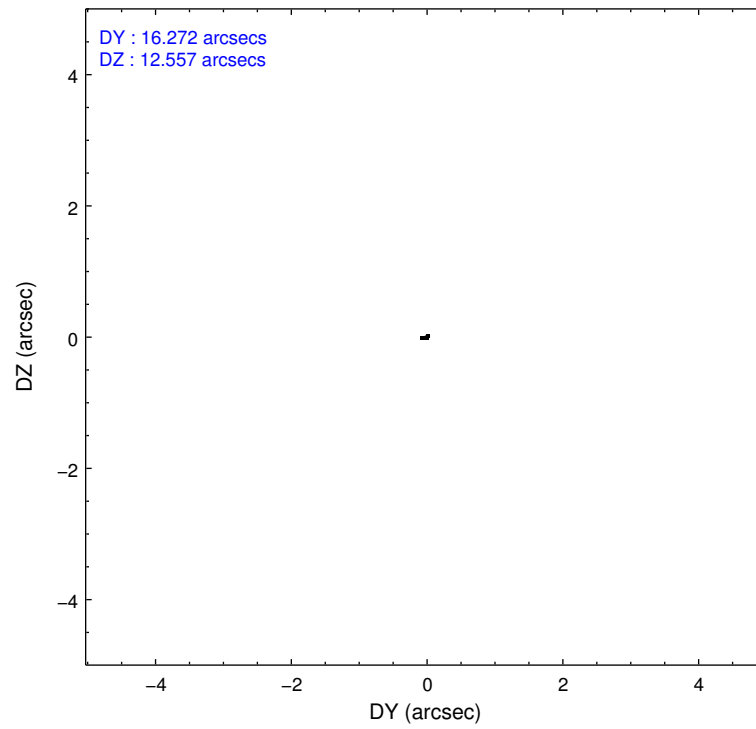
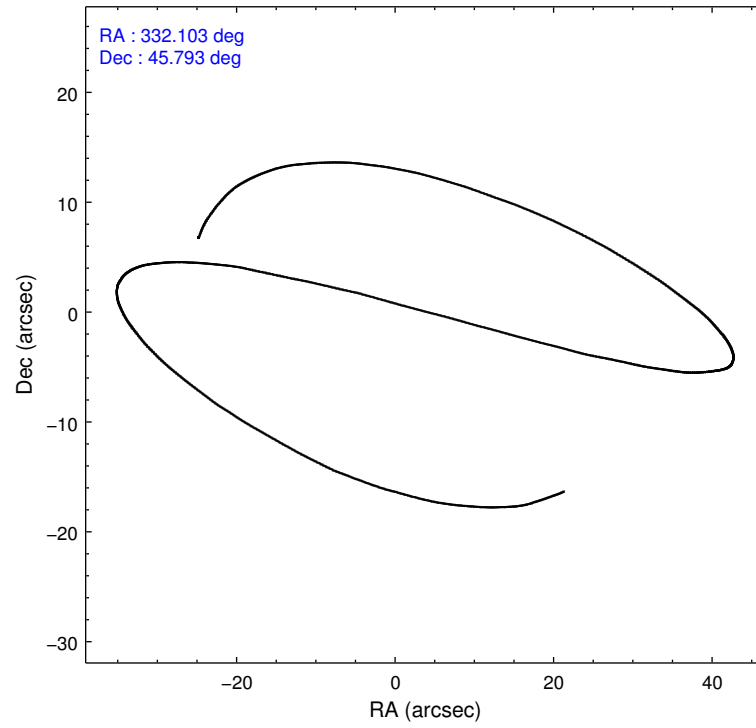
	segment 0
level 1 events	160701
rejected events	34975
rejected %	21%

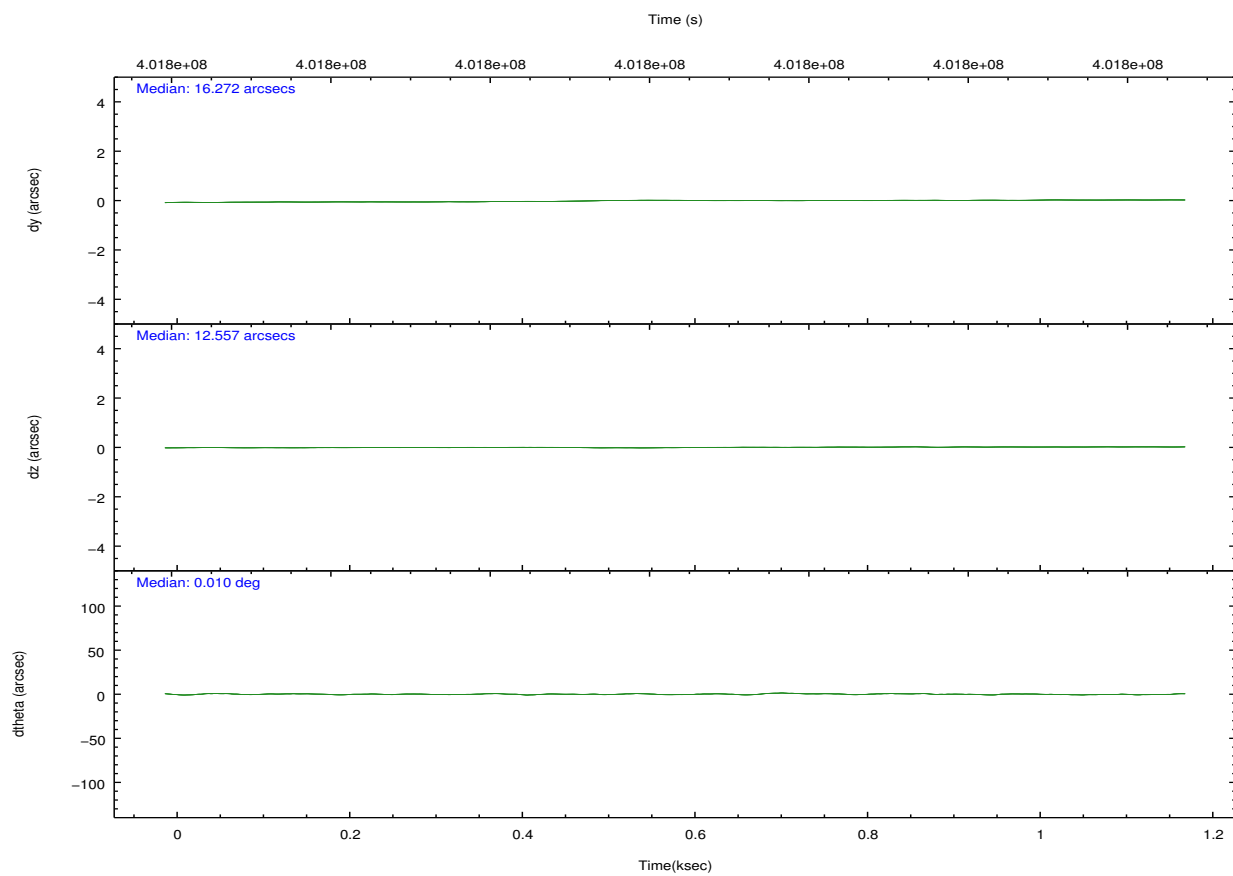
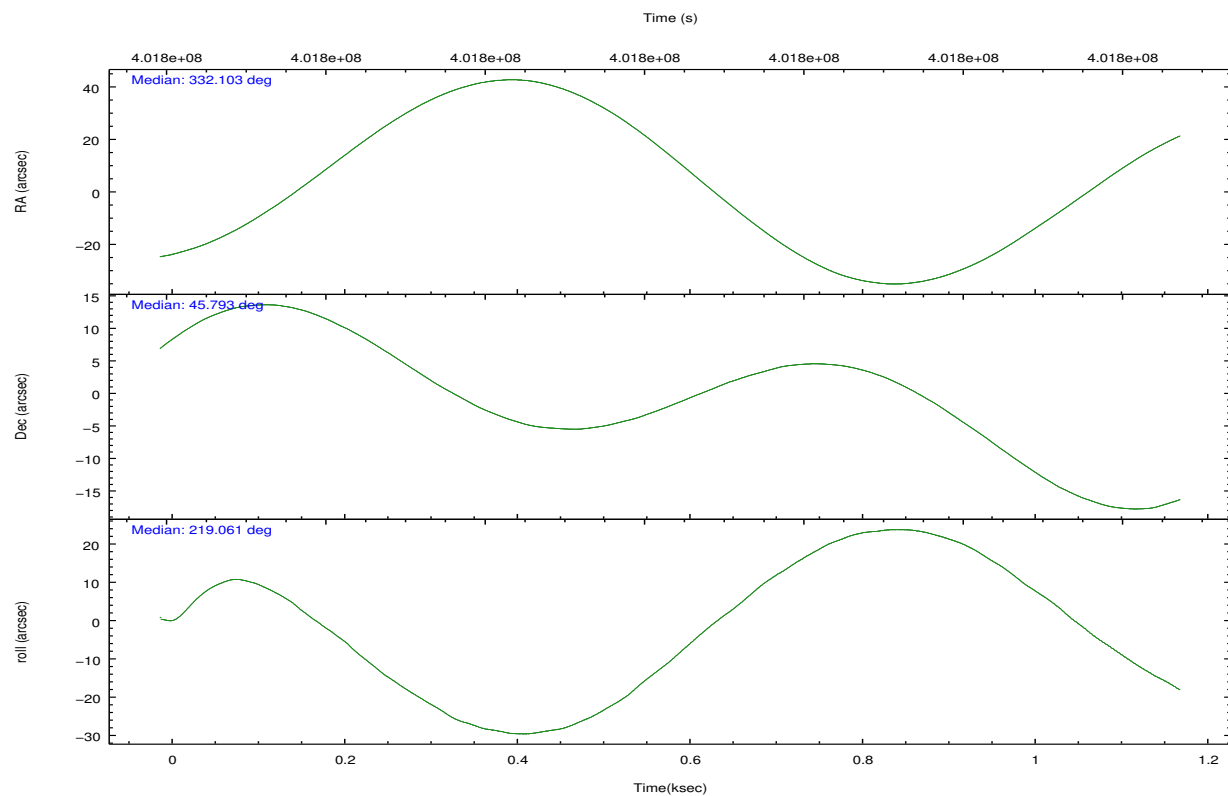
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.116996	332.1035461354795
[deg] Pointing Dec	45.818378	45.79285668248706
[deg] Pointing Roll	219.147789	219.0619089645381
[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)	401799623.184000	401799247.276
Observation start date	2010-09-25T10:59:17	2010-09-25T10:54:07
[s] Observation end time (MET)	401800623.184000	401800757.61358
Observation end date	2010-09-25T11:15:57	2010-09-25T11:19:17

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

2.3 Aspect



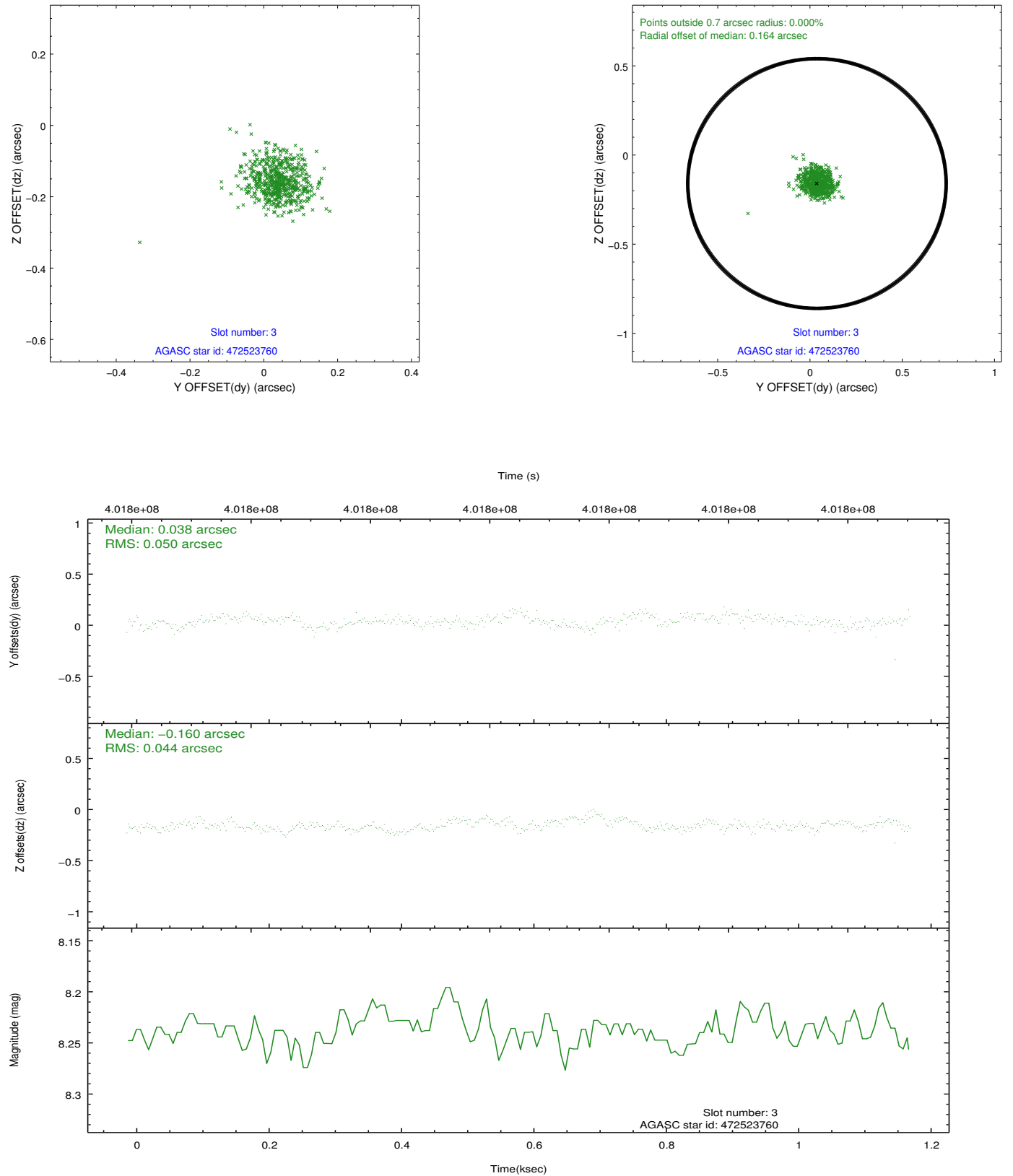


Slot Statistics

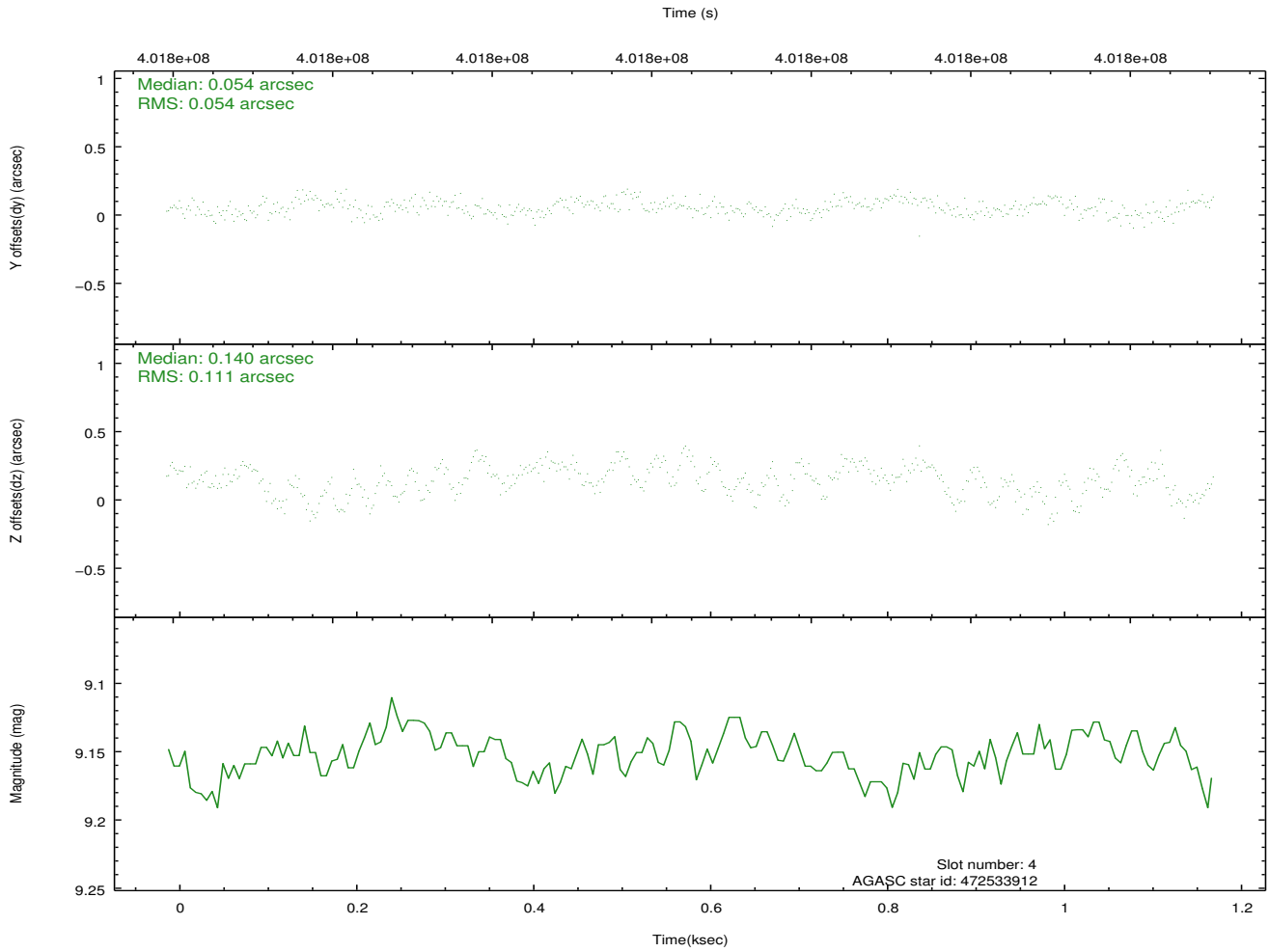
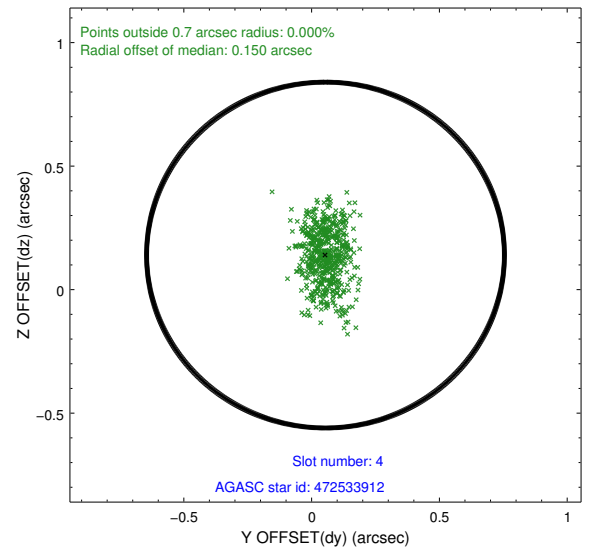
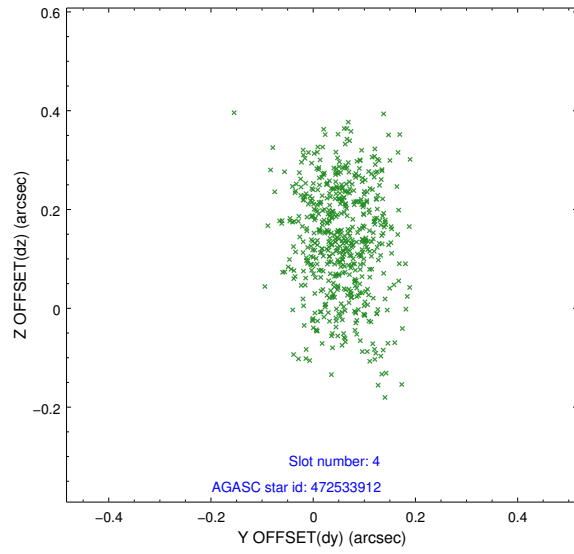
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	-0.067	0.032	0.007	0.011	0.000000	0.000000	-772.19	-1300.52
1	FID	HRC-I-2	6.99	289	0.232	-0.141	0.006	0.010	0.000000	0.000000	838.07	-1306.80
2	FID	HRC-I-3	7.05	289	-0.046	0.020	0.006	0.014	0.000000	0.000000	-1197.70	999.52
3	GUIDE	472523760	8.24	577	0.038	-0.160	0.070	0.113	331.645363	45.403260	1865.74	404.66
4	GUIDE	472533912	9.15	578	0.054	0.140	0.131	0.224	331.791136	46.368695	-620.85	-2046.80
5	GUIDE	472655152	9.43	578	0.083	-0.003	0.135	0.228	332.504239	45.862991	-856.90	484.19
6	GUIDE	472665256	9.01	578	0.155	-0.022	0.079	0.128	332.808125	46.195041	-2197.89	31.77
7	GUIDE	472525528	6.64	576	-0.334	0.018	0.079	0.138	331.551102	45.248694	2399.53	682.39

2.4 Star Slots

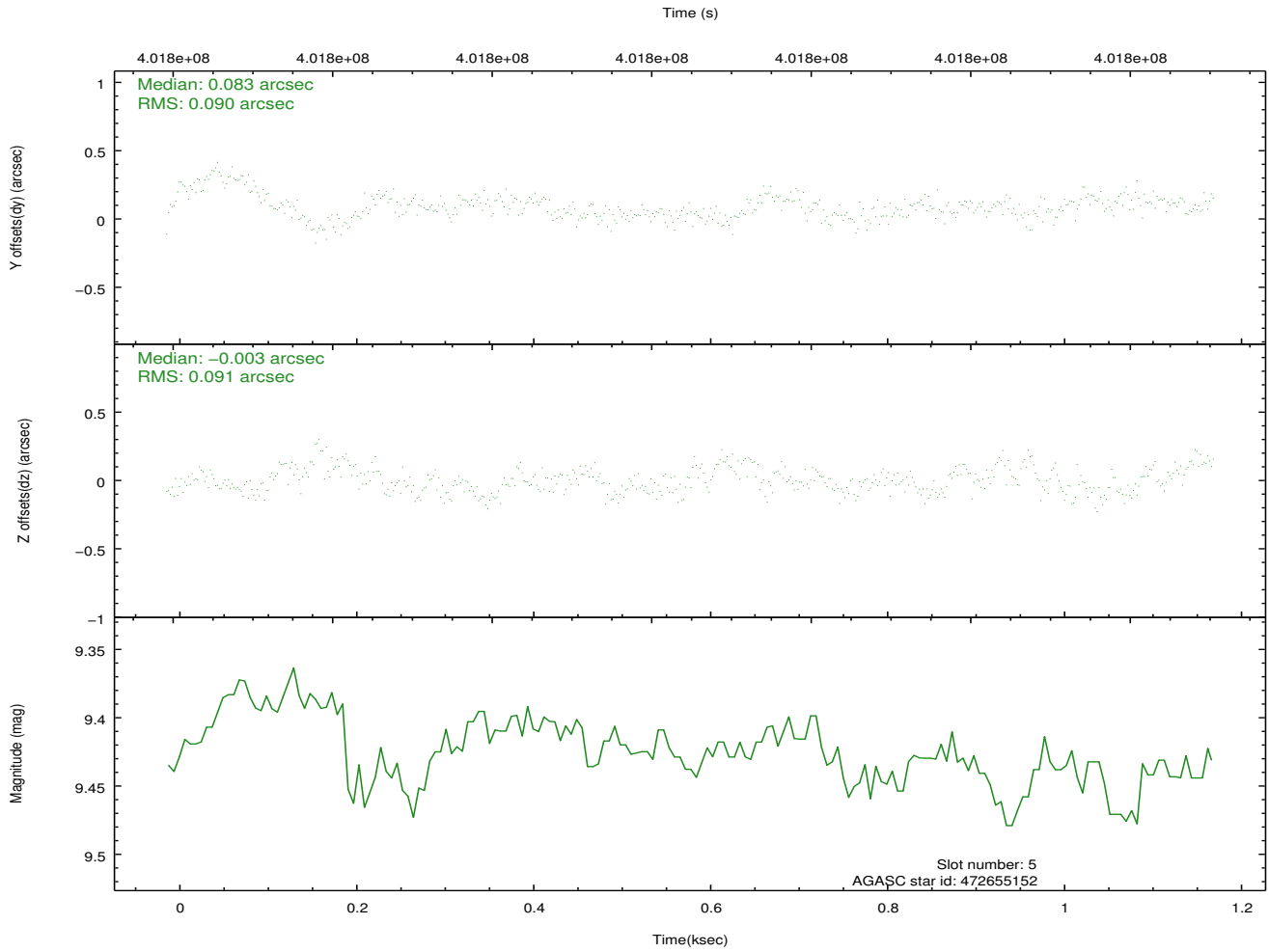
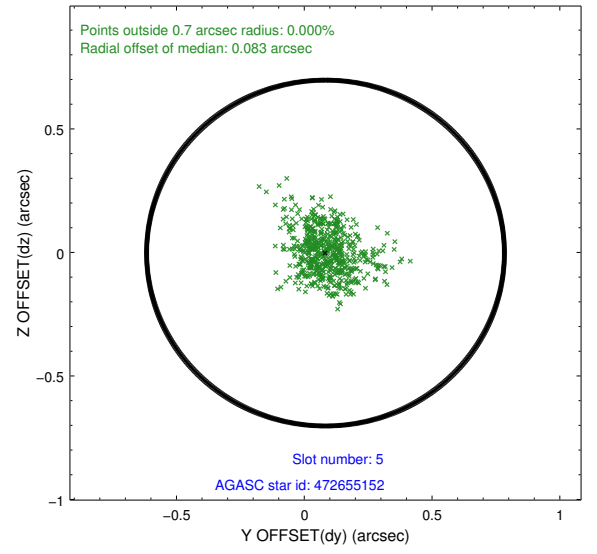
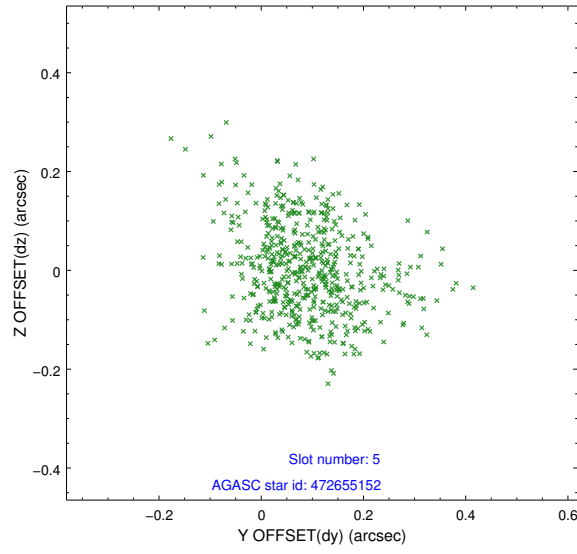
2.4.1 Slot 3



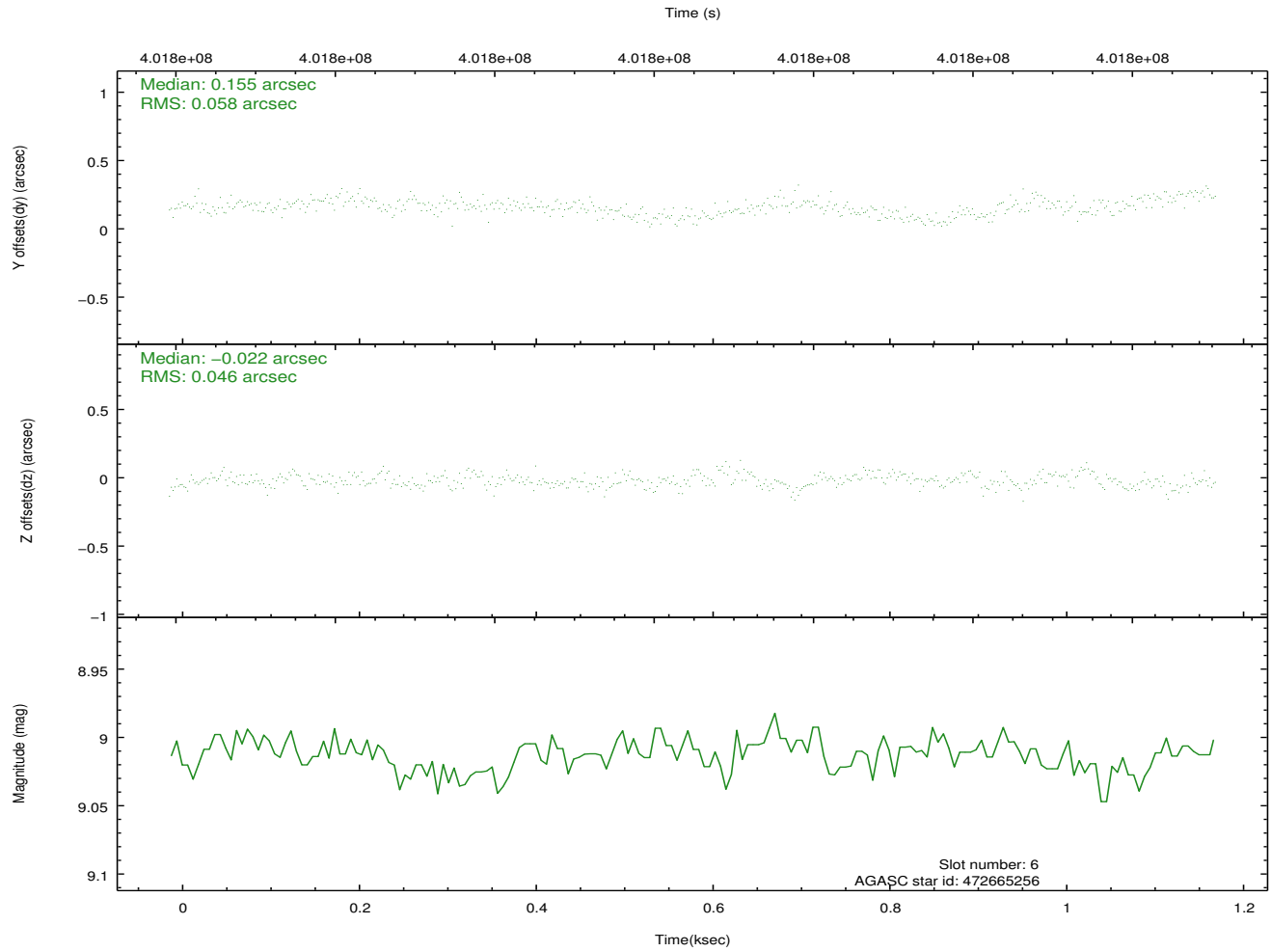
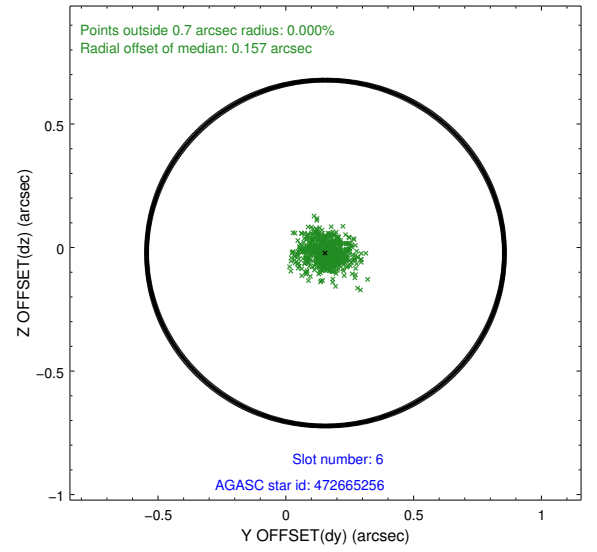
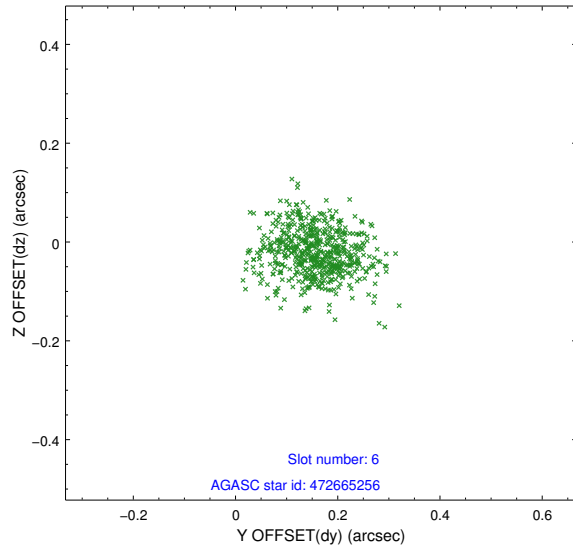
2.4.2 Slot 4



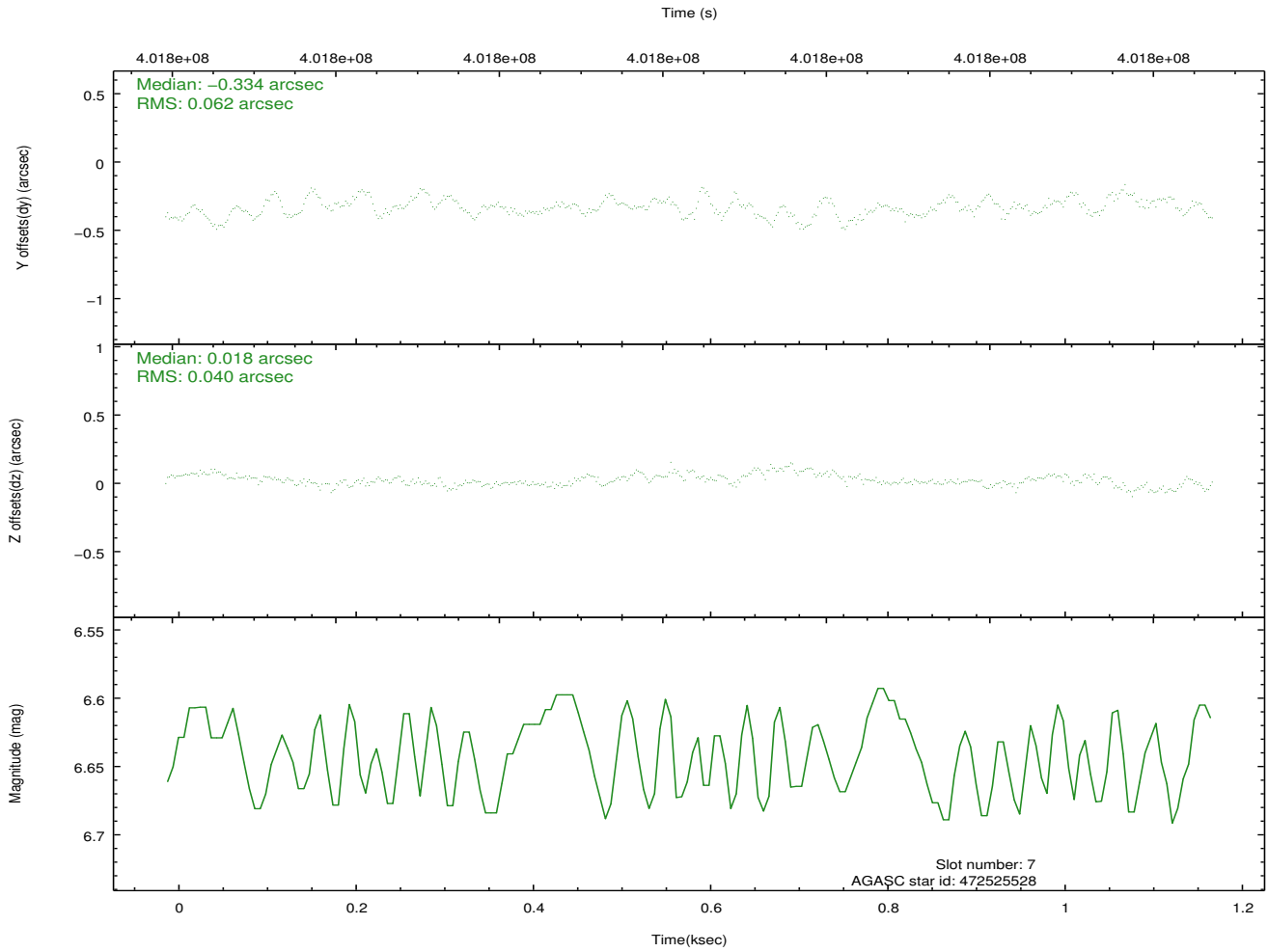
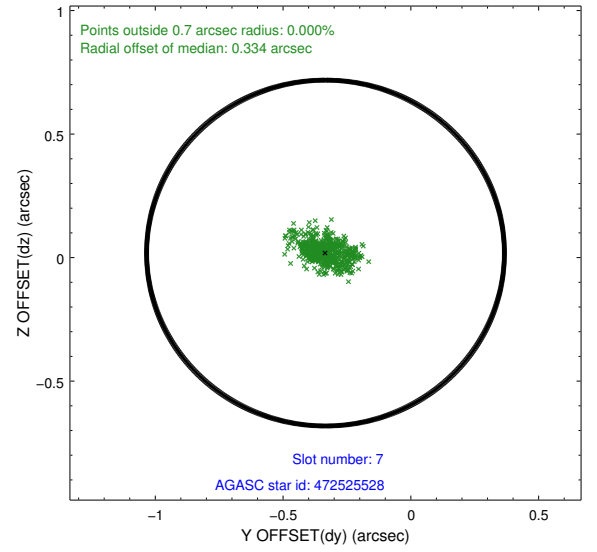
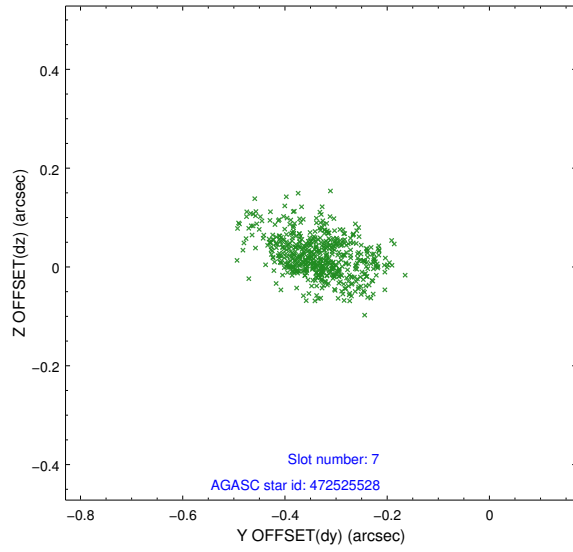
2.4.3 Slot 5



2.4.4 Slot 6

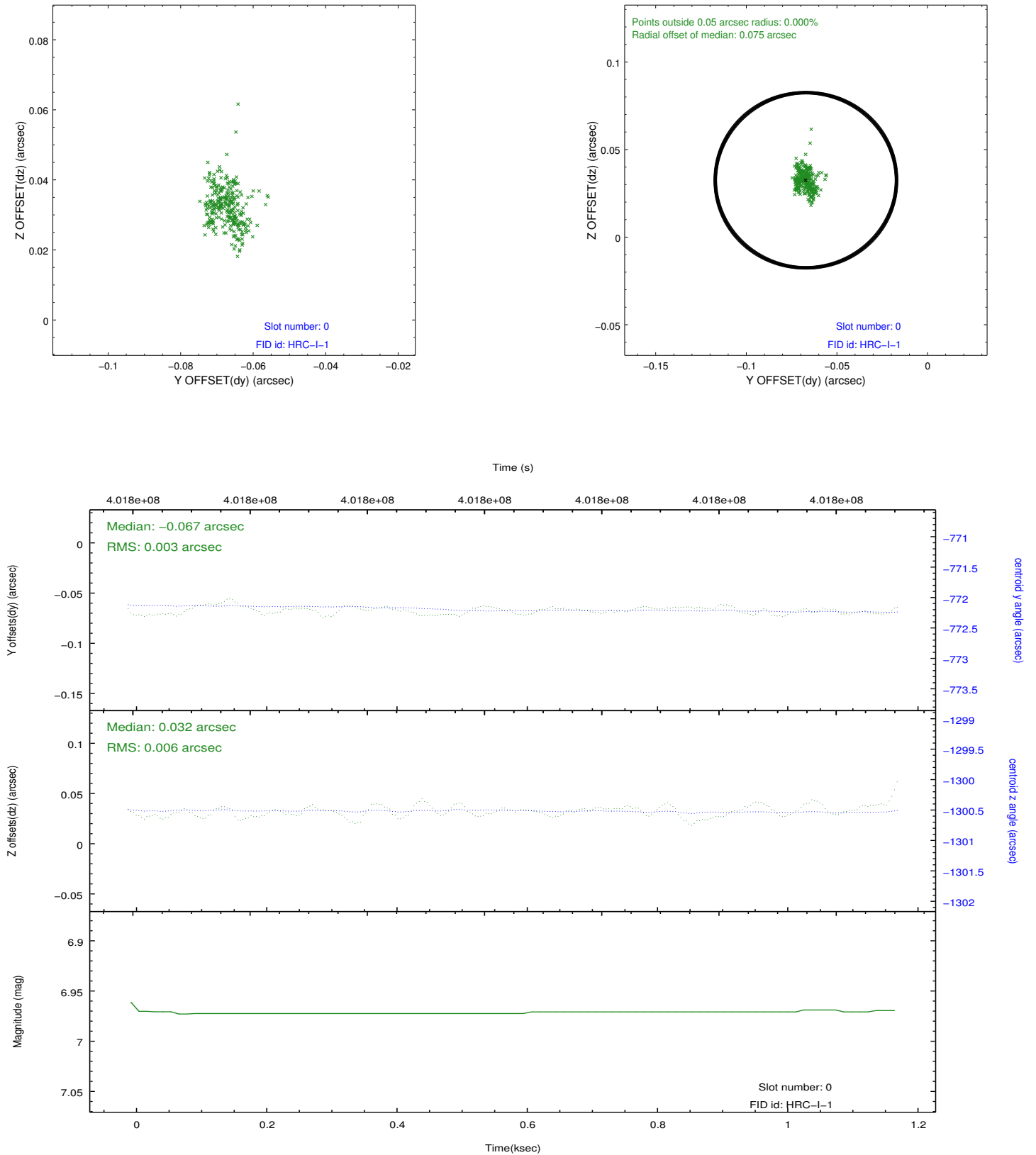


2.4.5 Slot 7

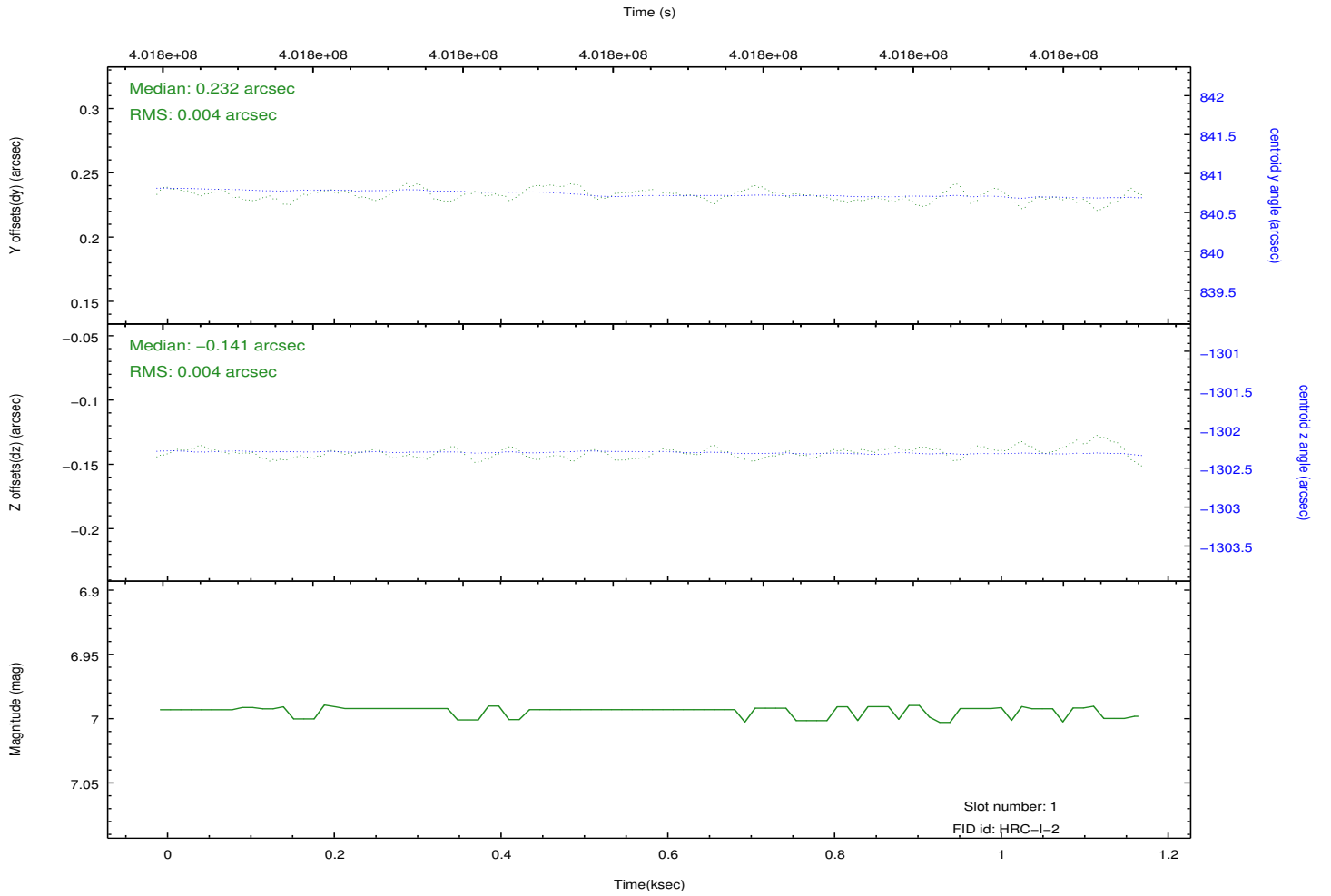
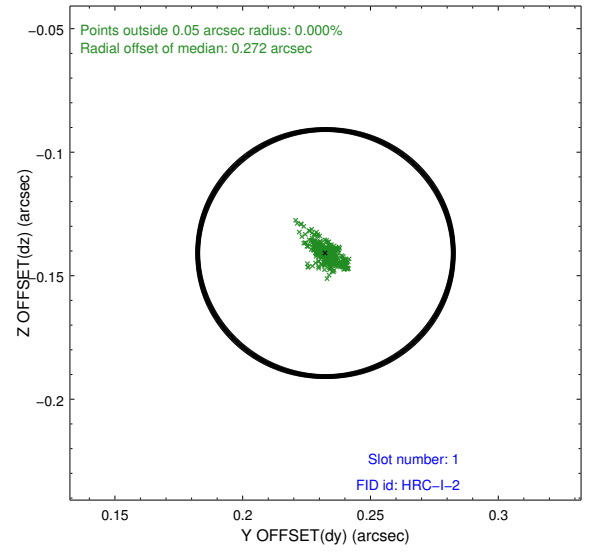
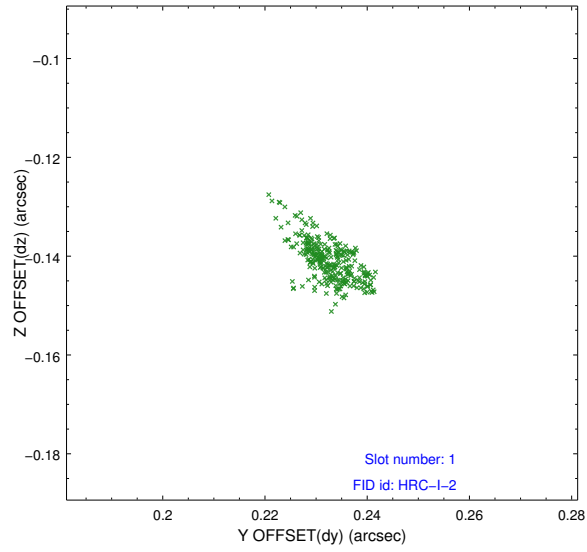


2.5 FID Slots

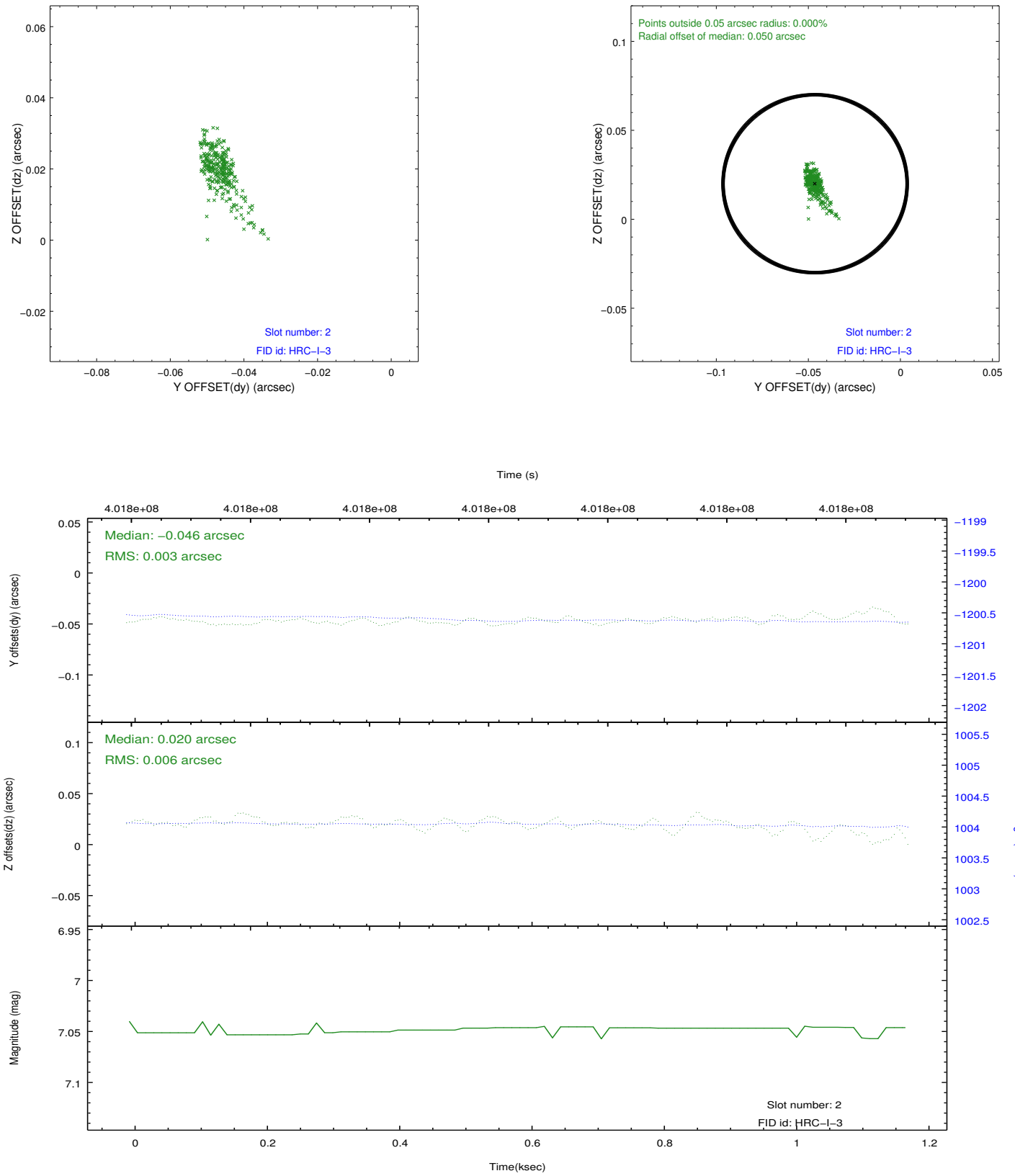
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813106894

A.2 Comments