

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16388 - L2 Version 1
Chandra X-Ray Center

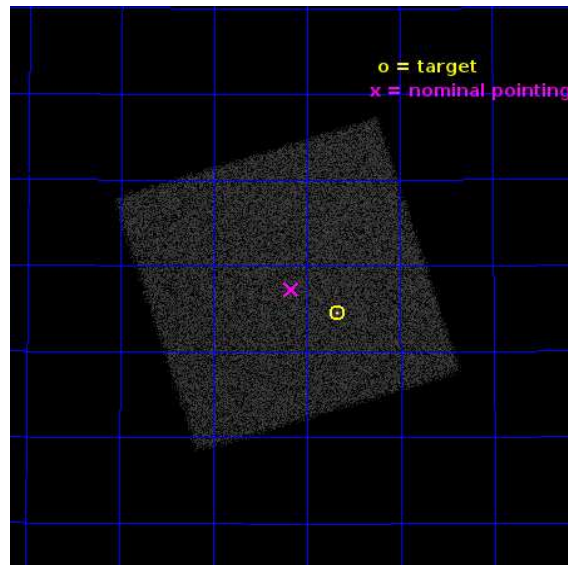
L2 Processing Date : Sep 16 2014

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1 Front

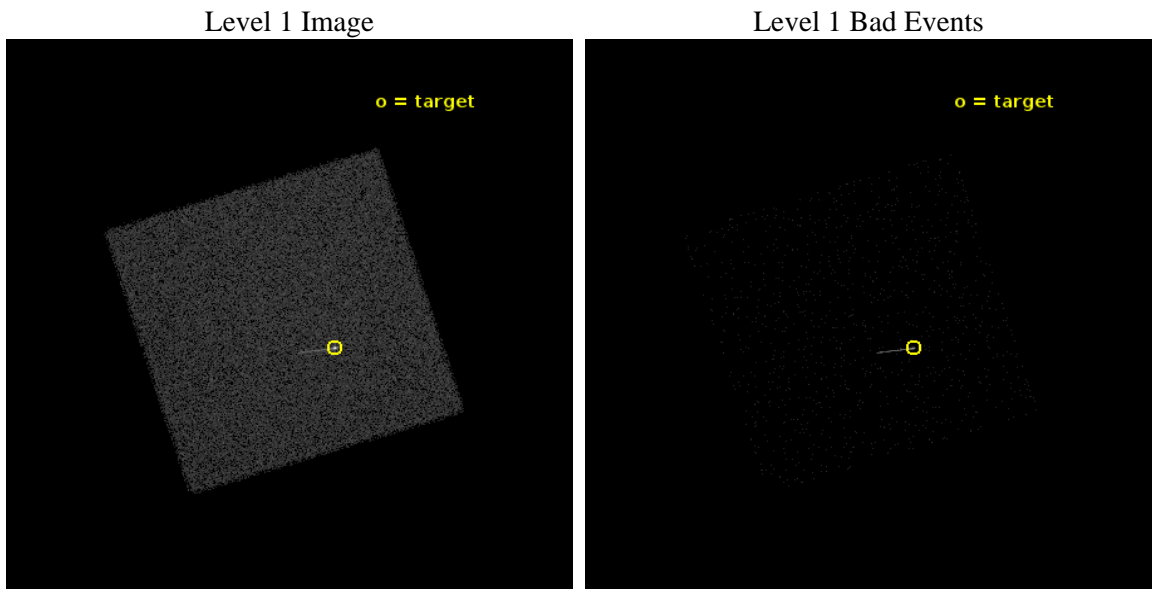
seq_num	291160	Sequence number
obs_id	16388	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.29165206366	Nominal RA [deg]
dec_nom	45.788041340499	Nominal Dec [deg]
roll_nom	207.49411417353	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1184.1313158274	[s]
livetime	1174.8215290306	Ontime multiplied by DTCOR
l2events	74878	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	10.2.4	Processing system revision	ontime	1184.1313158274	[s]
caldsver	4.6.3	 	l1events	126762	Number of level 1 events
date	2014-09-16T20:20:07	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

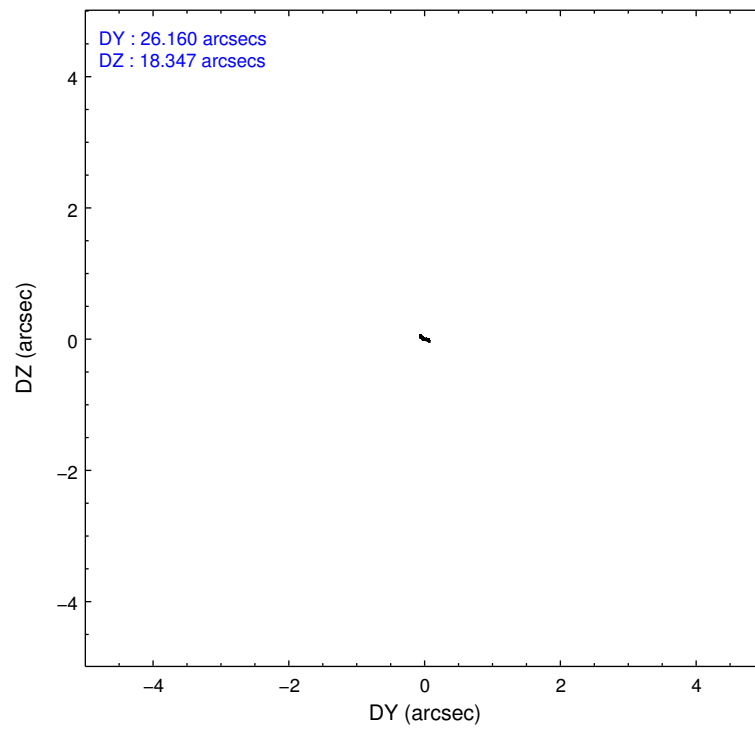
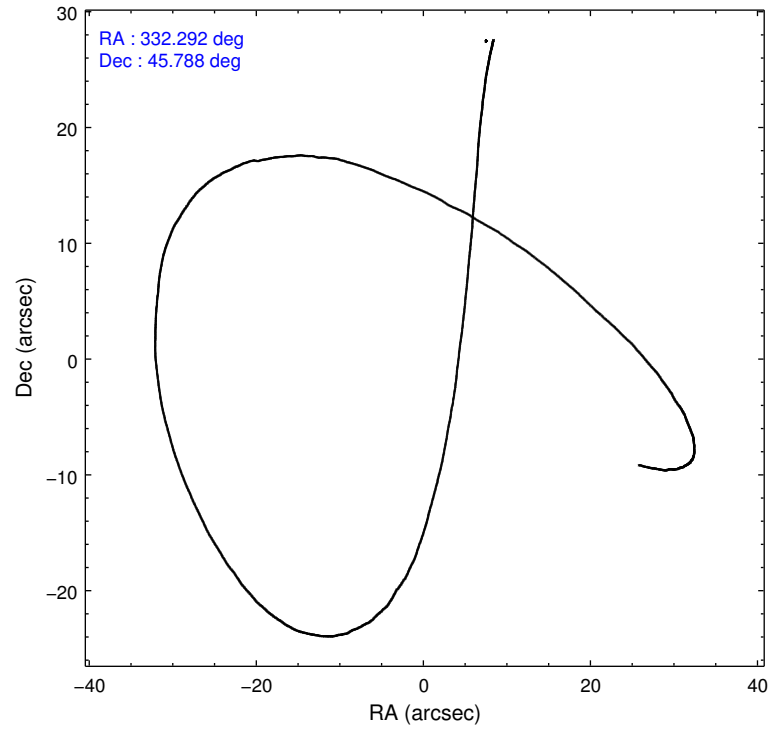
	segment 0
level 1 events	126762
rejected events	27553
rejected %	21%

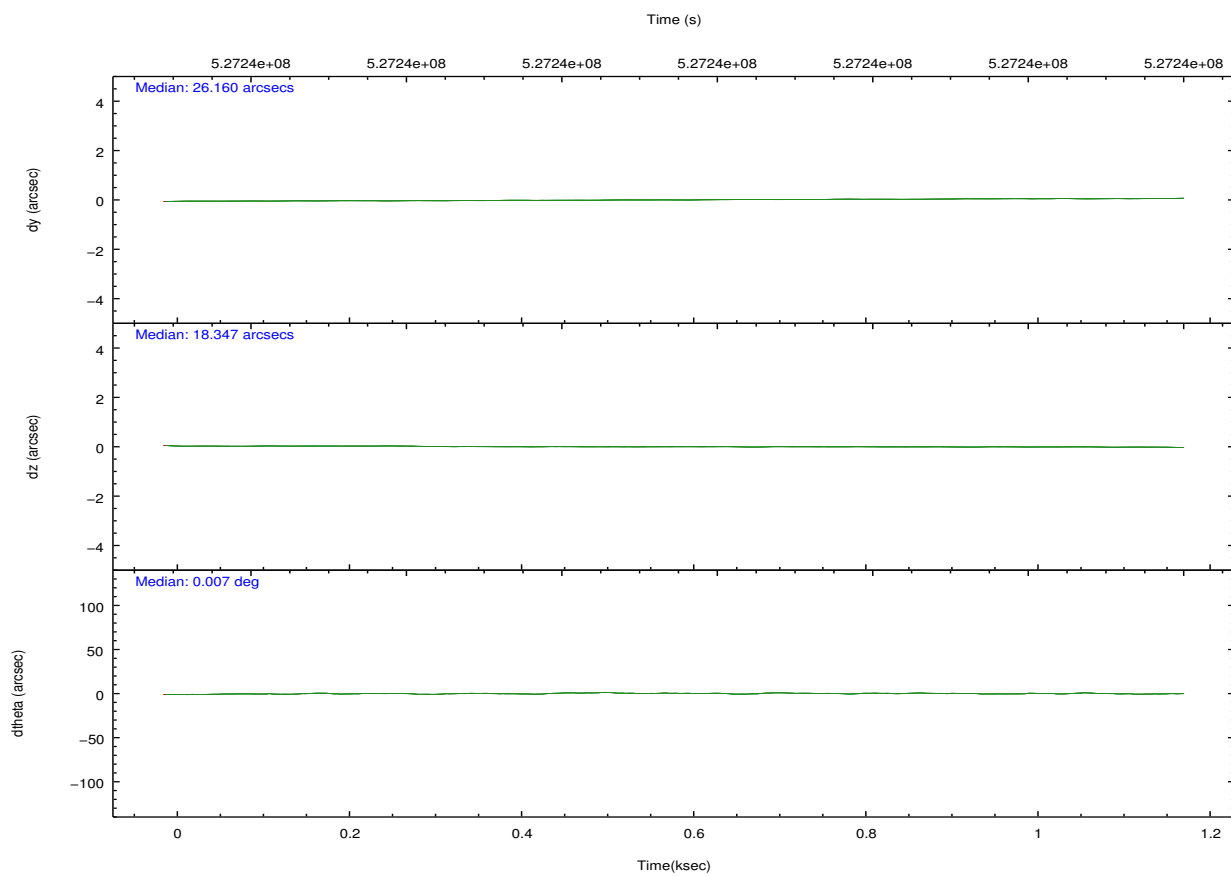
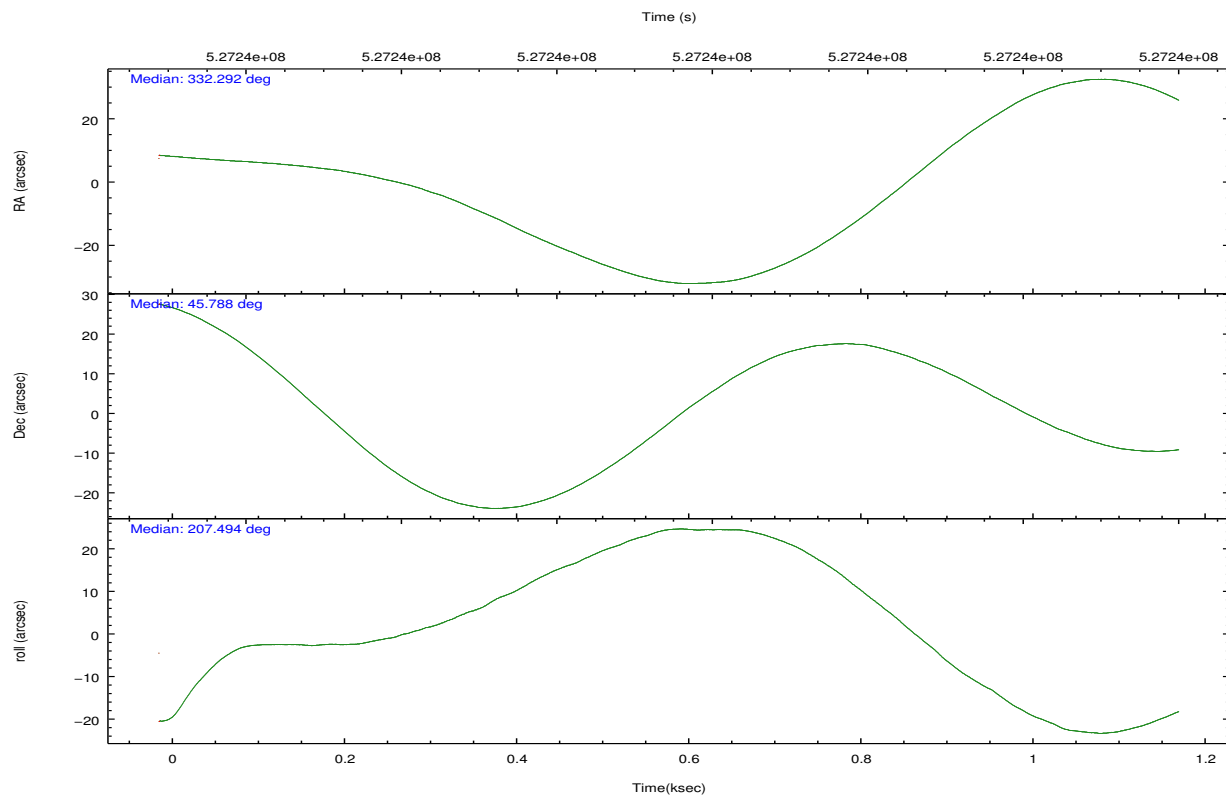
2.2 Compared Parameters

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	332.311181	332.2916520636605
[deg] Pointing Dec	45.811533	45.78804134049886
[deg] Pointing Roll	207.575728	207.4941141735337
[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)	527241321.184000	527240945.36415
Observation start date	2014-09-16T07:54:14	2014-09-16T07:49:05
[s] Observation end time (MET)	527242321.184000	527242455.18923
Observation end date	2014-09-16T08:10:54	2014-09-16T08:14:15

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

2.3 Aspect



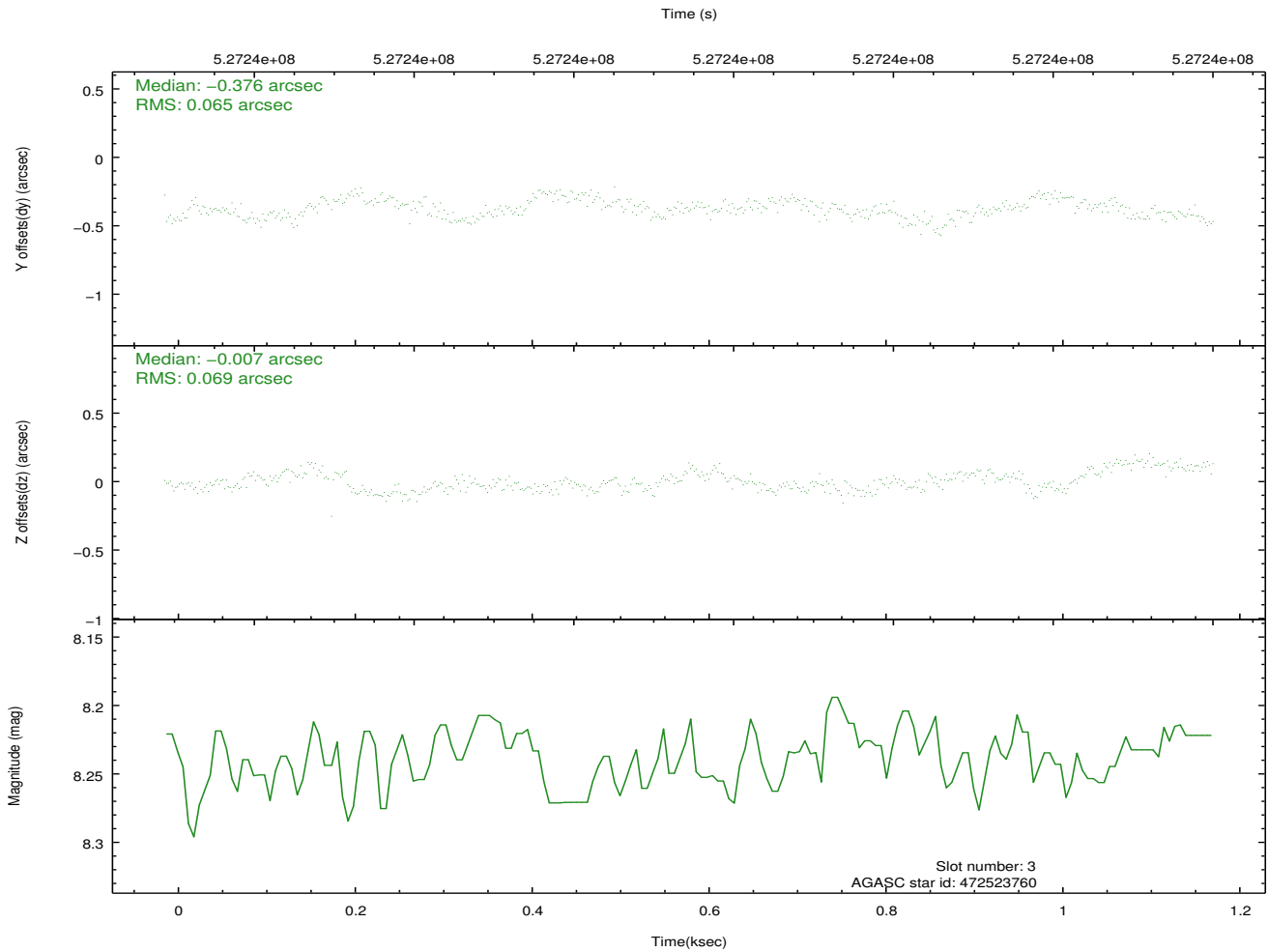
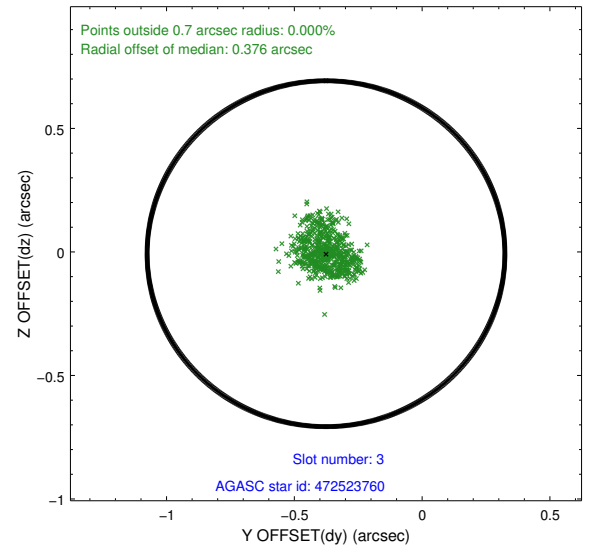
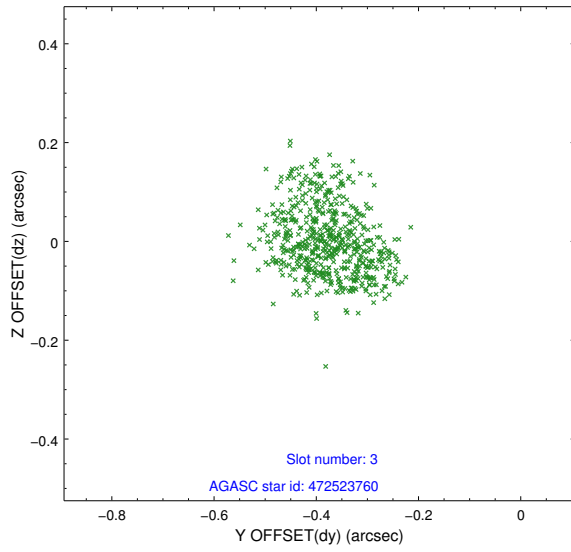


Slot Statistics

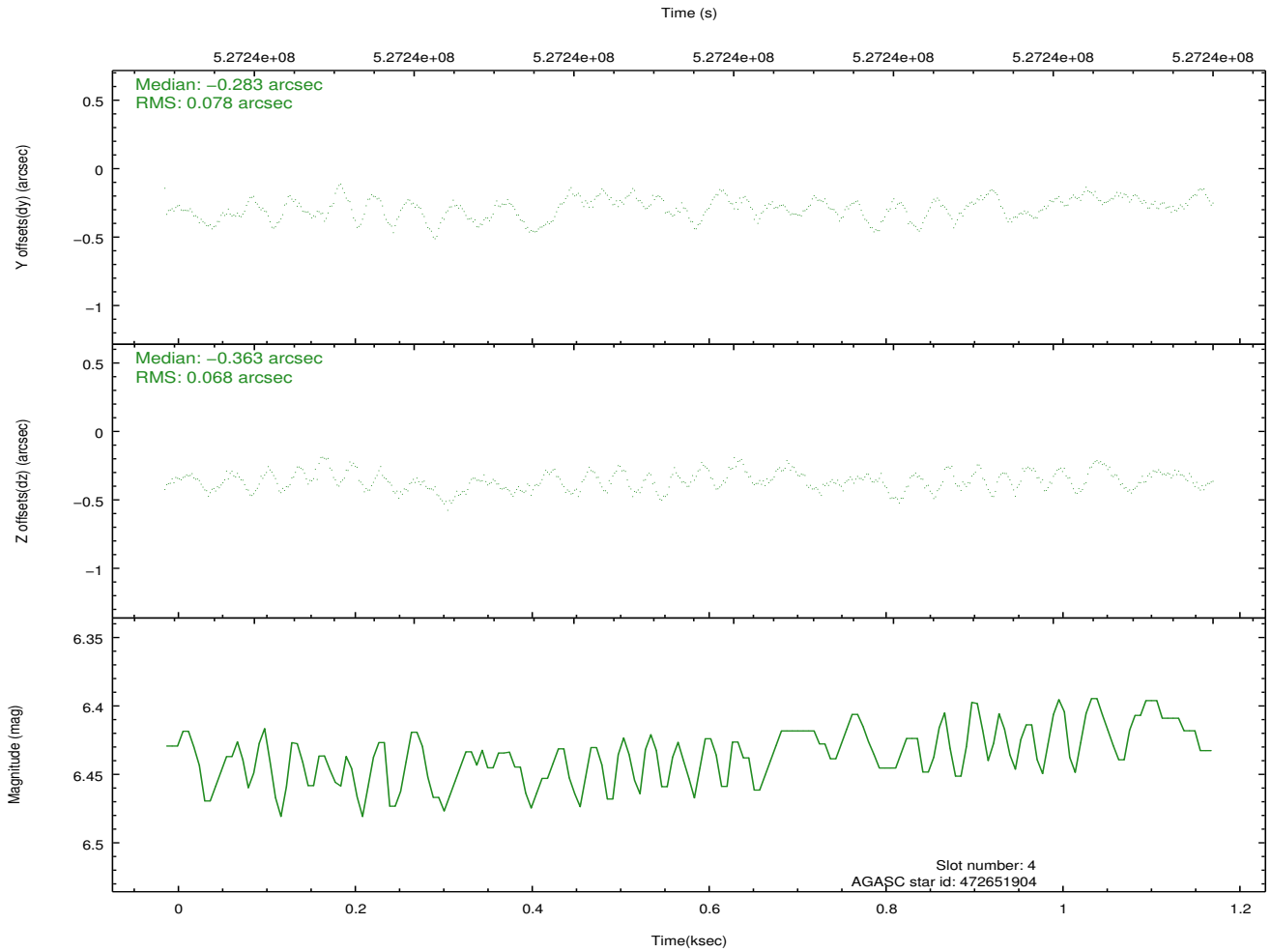
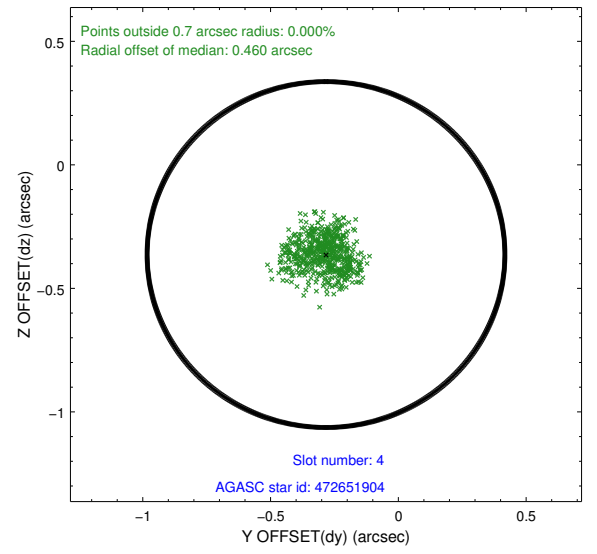
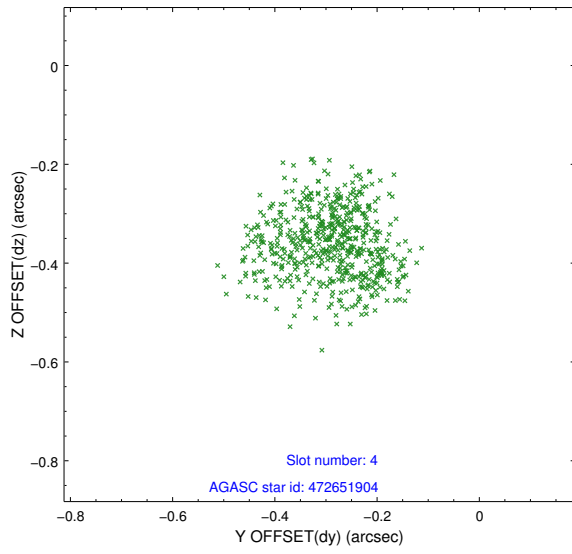
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	290	-0.122	0.022	0.007	0.010	0.000000	0.000000	-782.37	-1306.53
1	FID	HRC-I-2	7.06	290	0.248	-0.095	0.006	0.011	0.000000	0.000000	827.94	-1312.69
2	FID	HRC-I-3	7.12	290	-0.007	-0.017	0.005	0.010	0.000000	0.000000	-1207.93	993.46
3	GUIDE	472523760	8.24	578	-0.376	-0.007	0.102	0.158	331.645363	45.403260	2170.52	516.53
4	GUIDE	472651904	6.44	579	-0.283	-0.363	0.113	0.171	332.170077	45.742257	435.18	55.15
5	GUIDE	472655152	9.42	578	0.040	-0.149	0.161	0.258	332.504239	45.862991	-512.42	58.39
6	GUIDE	472665256	8.98	578	0.267	0.206	0.132	0.247	332.808125	46.195041	-1737.36	-654.75
7	GUIDE	472663080	9.38	577	0.360	0.302	0.162	0.265	332.652741	46.473840	-1856.12	-1724.93

2.4 Star Slots

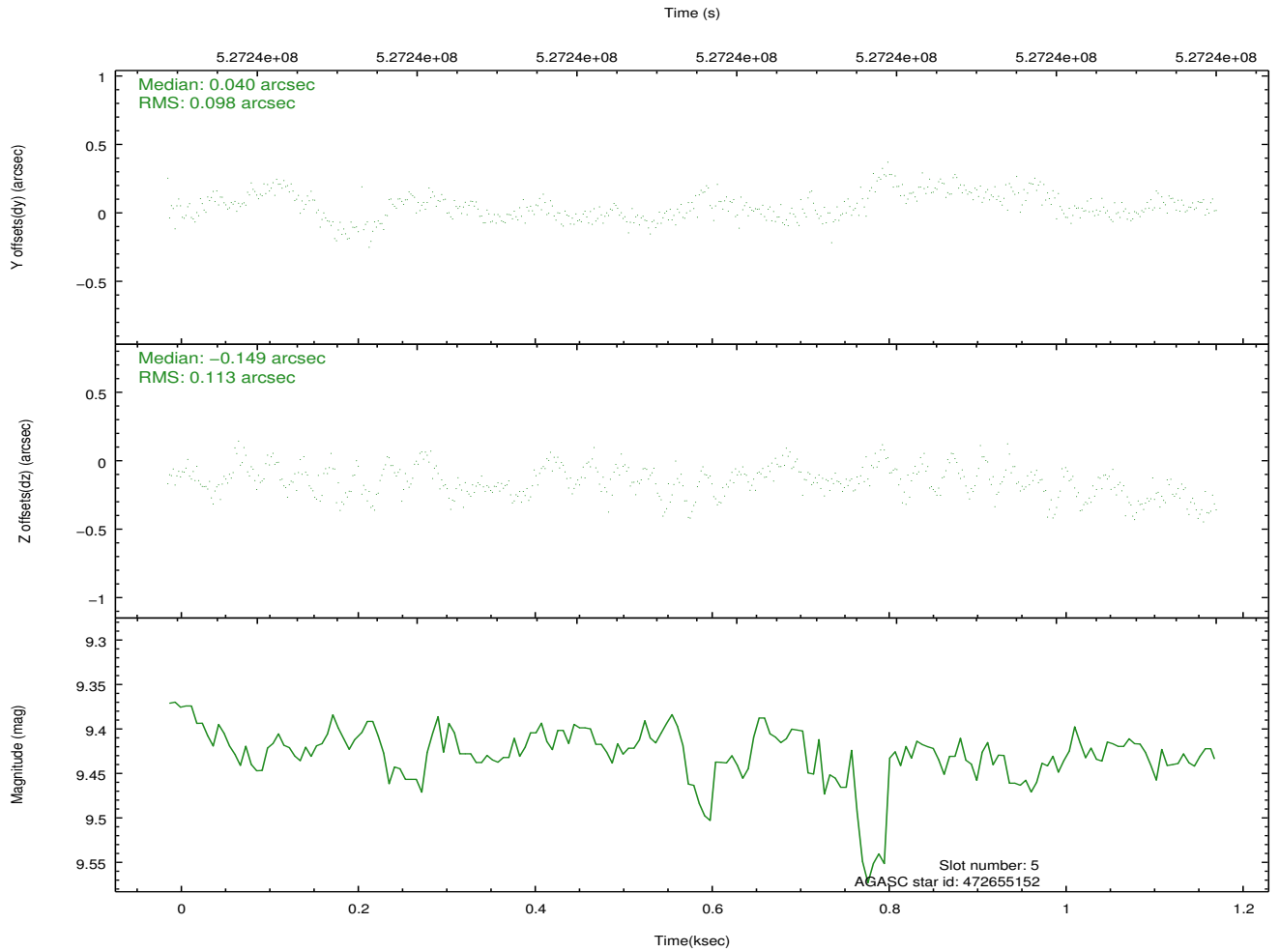
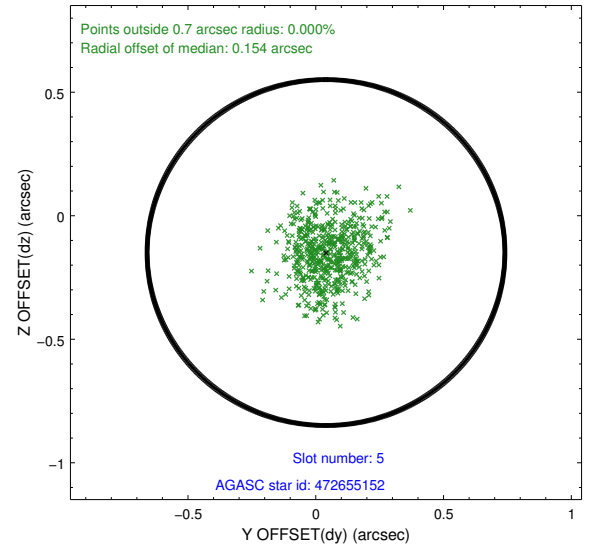
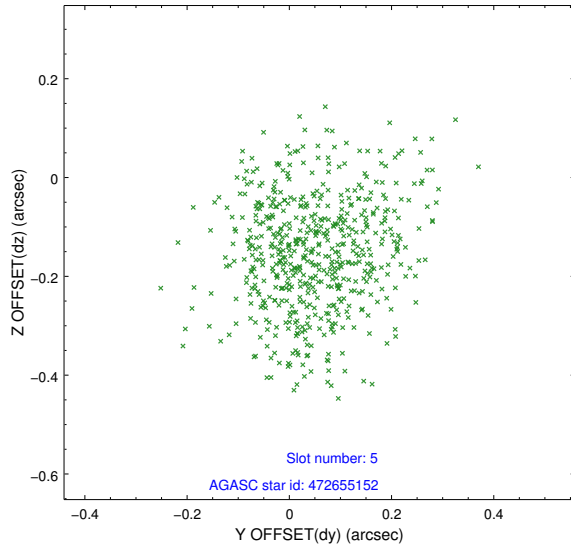
2.4.1 Slot 3



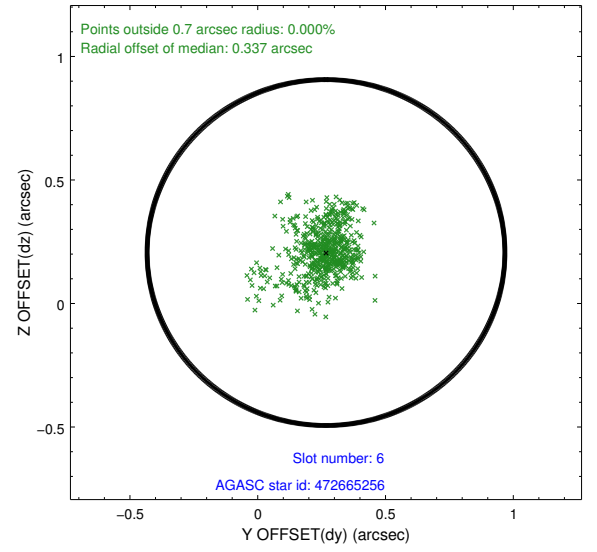
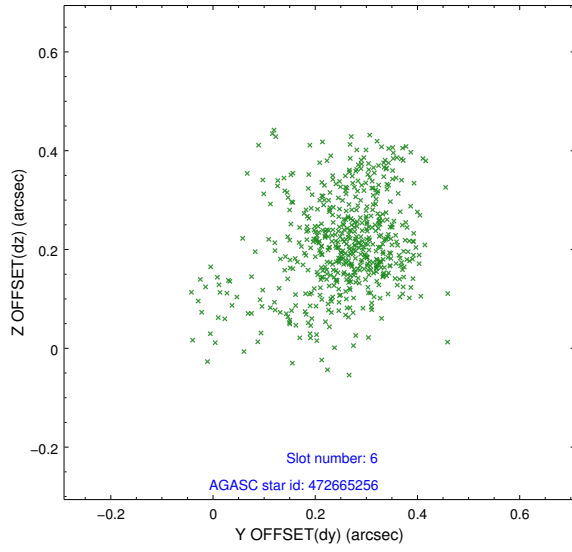
2.4.2 Slot 4



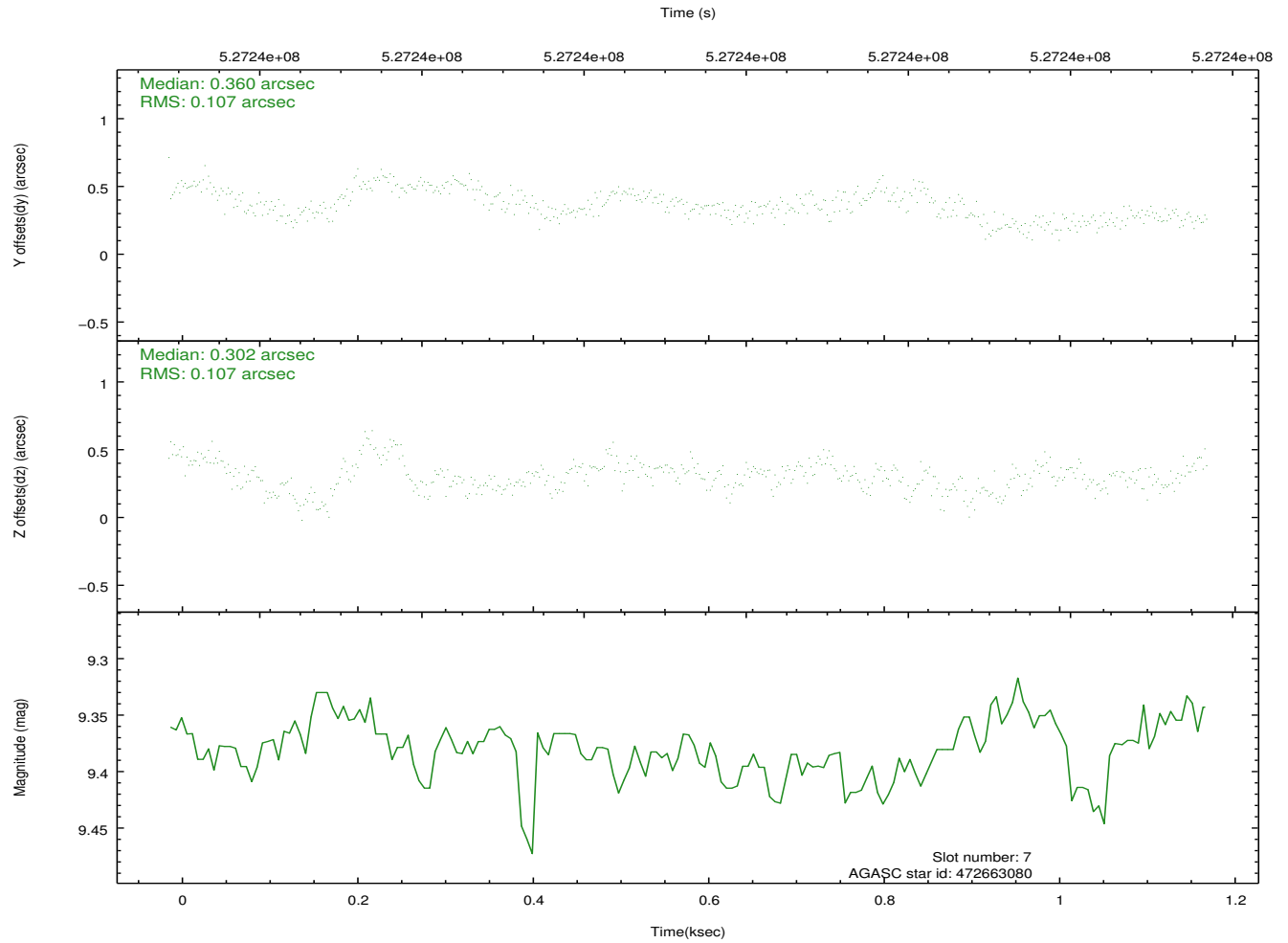
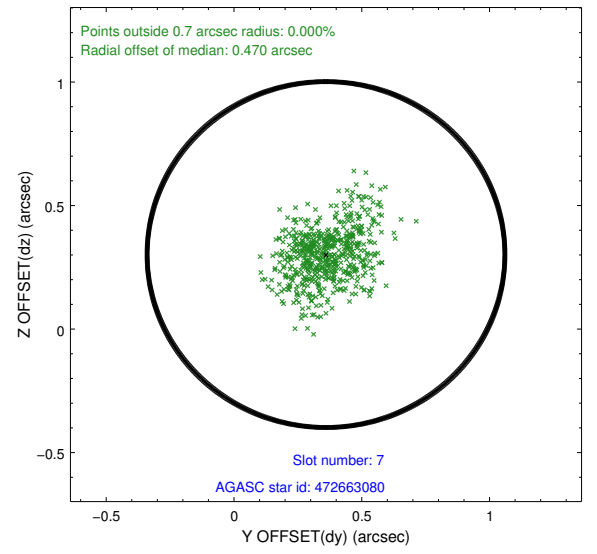
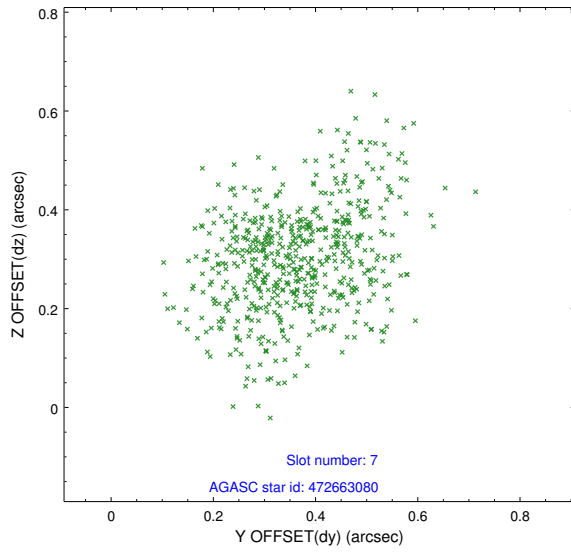
2.4.3 Slot 5



2.4.4 Slot 6

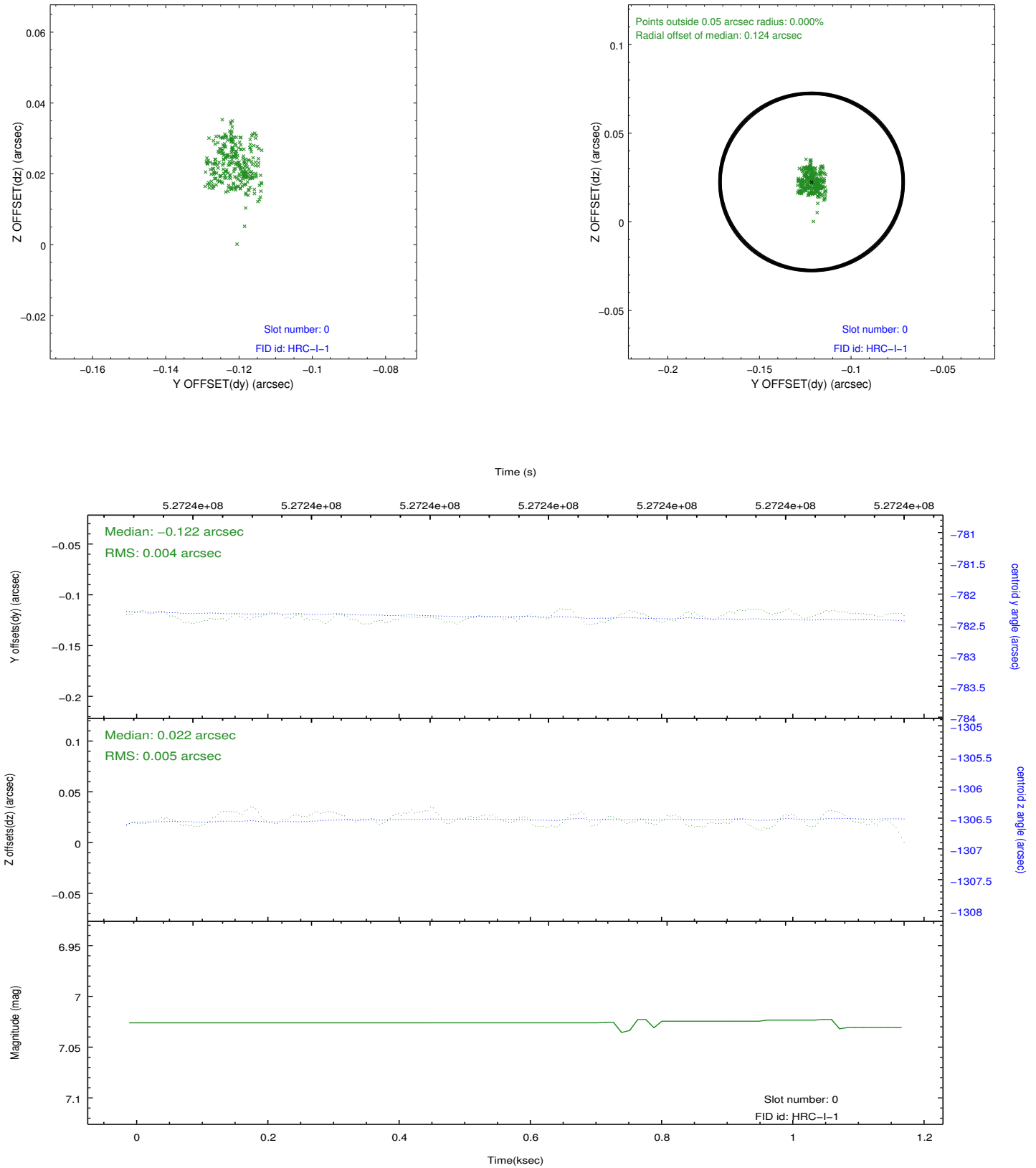


2.4.5 Slot 7

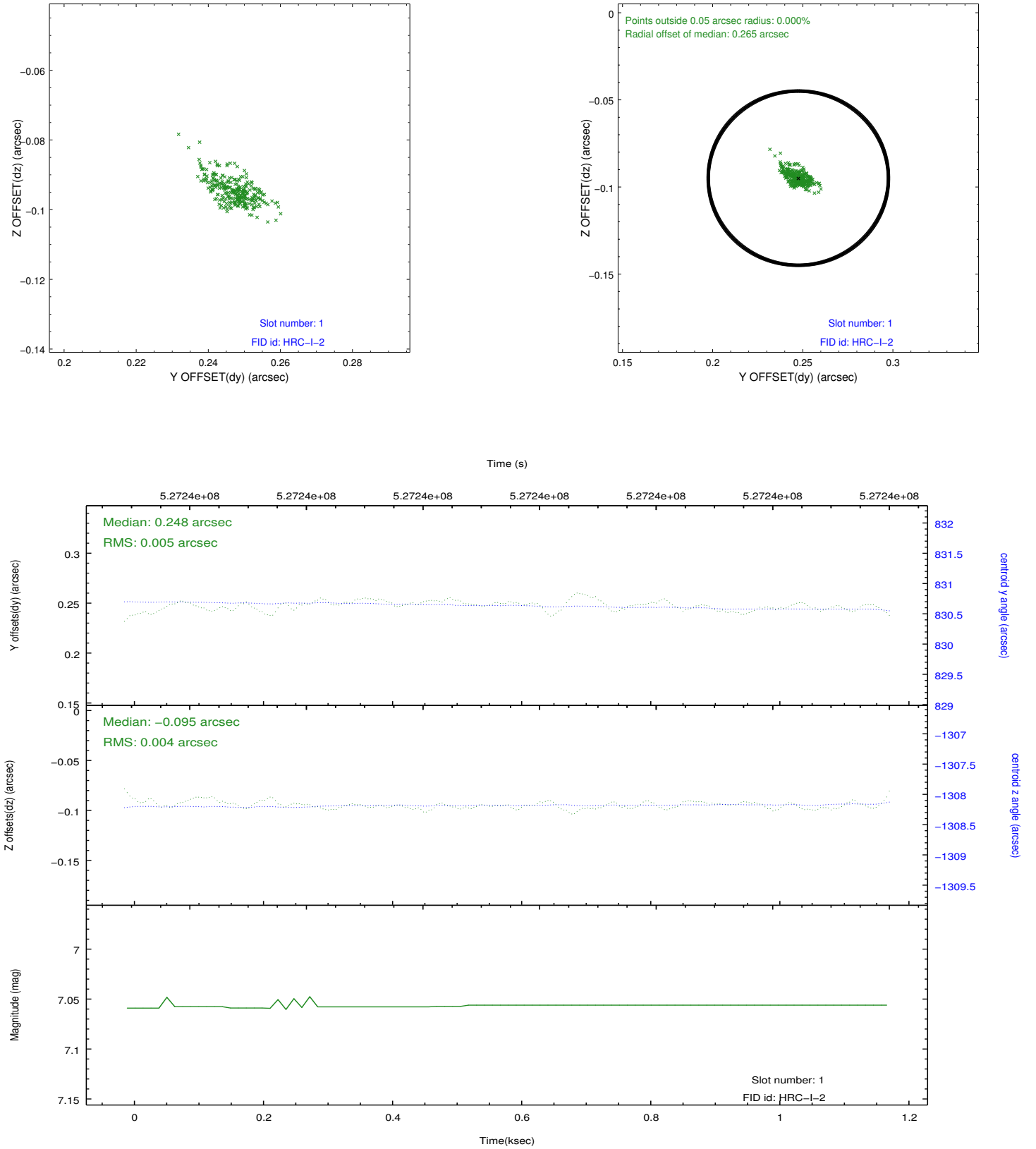


2.5 FID Slots

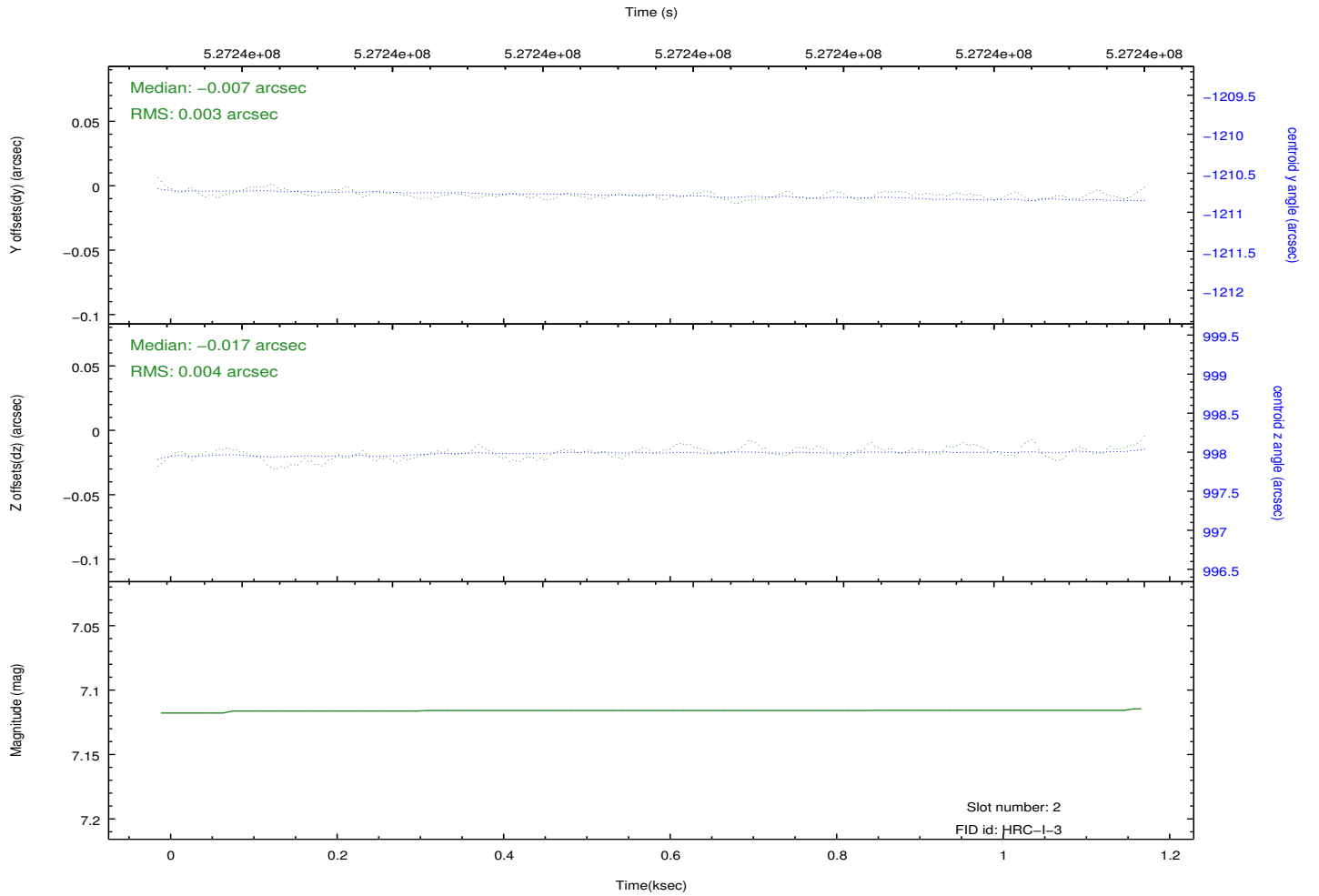
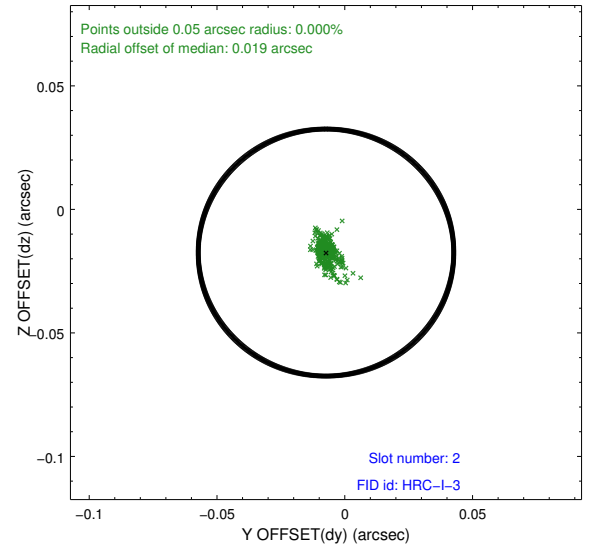
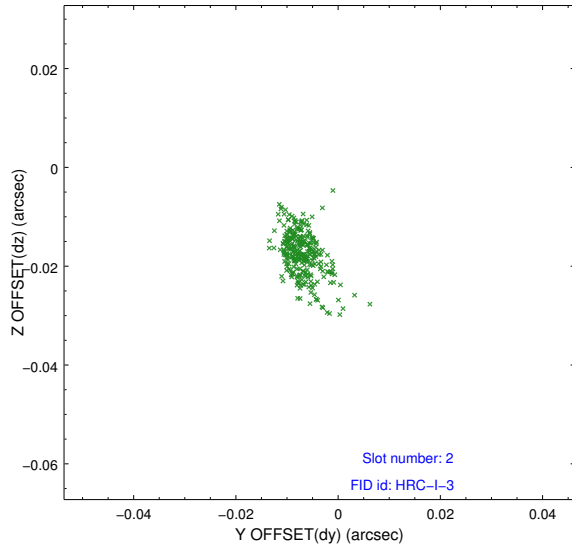
2.5.1 Slot 0



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)	2014.09.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313158274

A.2 Comments