

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16391 - L2 Version 1
Chandra X-Ray Center

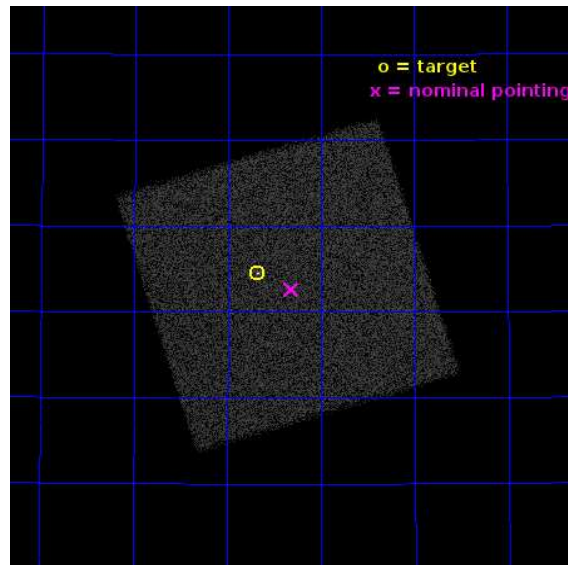
L2 Processing Date : Sep 16 2014

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1 Front

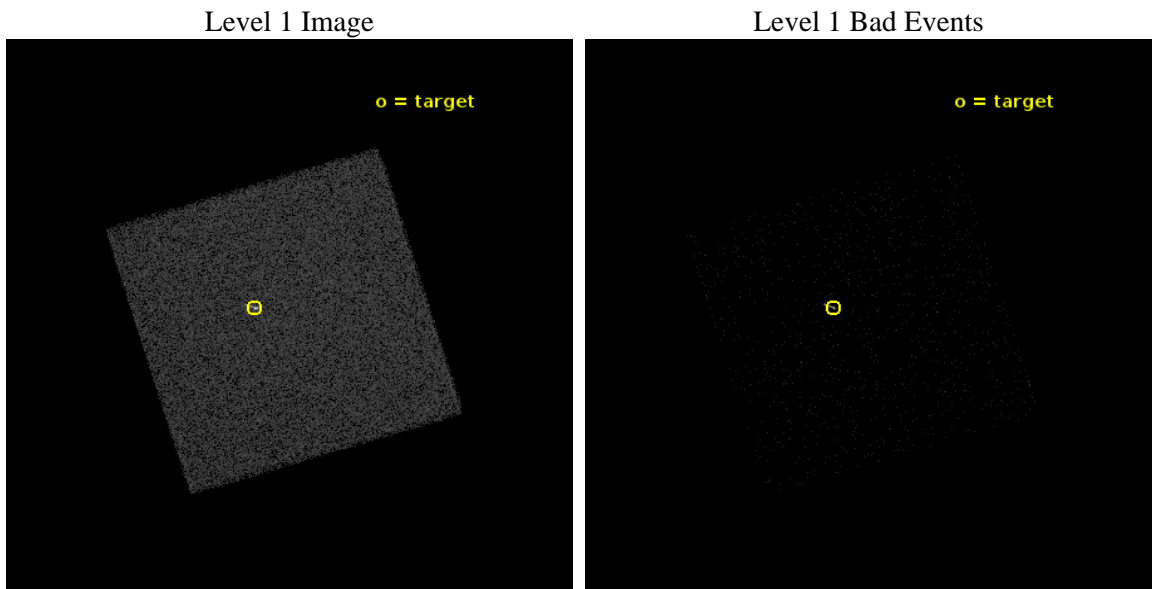
seq_num	291163	Sequence number
obs_id	16391	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.07930219497	Nominal RA [deg]
dec_nom	45.710827514086	Nominal Dec [deg]
roll_nom	207.84148959433	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1180.0313155651	[s]
livetime	1170.6495001441	Ontime multiplied by DTCOR
l2events	75725	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	1180.0313155651	[s]
caldbver	4.6.3	 	l1events	128246	Number of level 1 events
date	2014-09-16T20:24:04	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

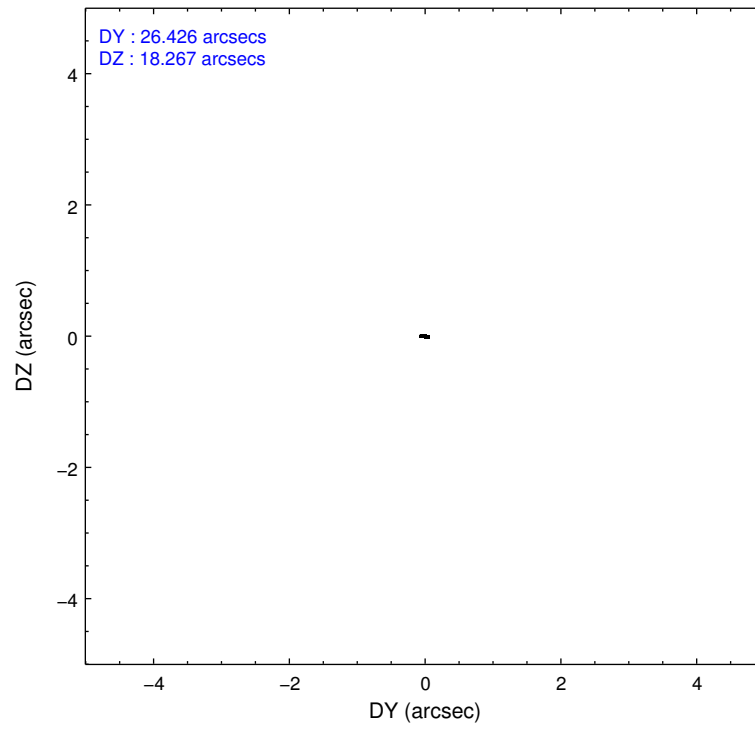
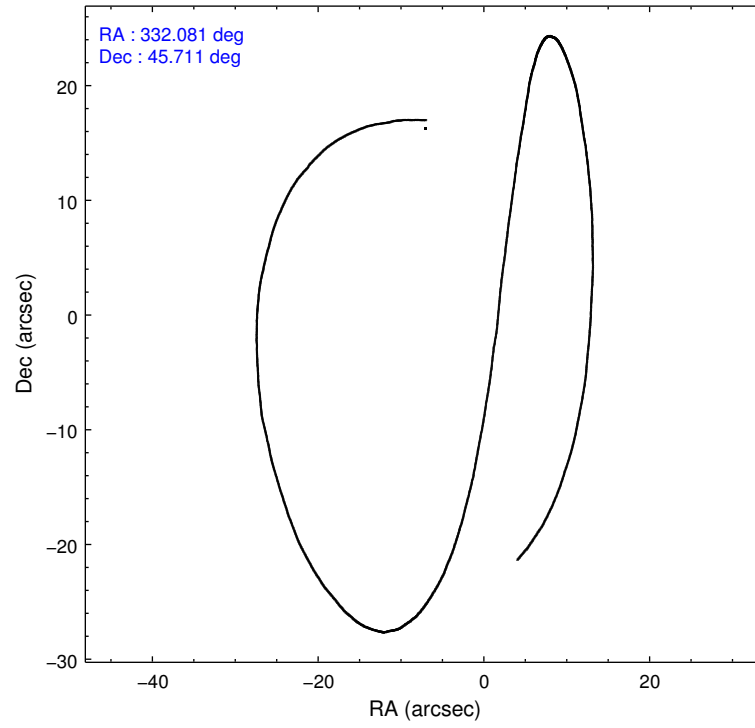
	segment 0
level 1 events	128246
rejected events	27864
rejected %	21%

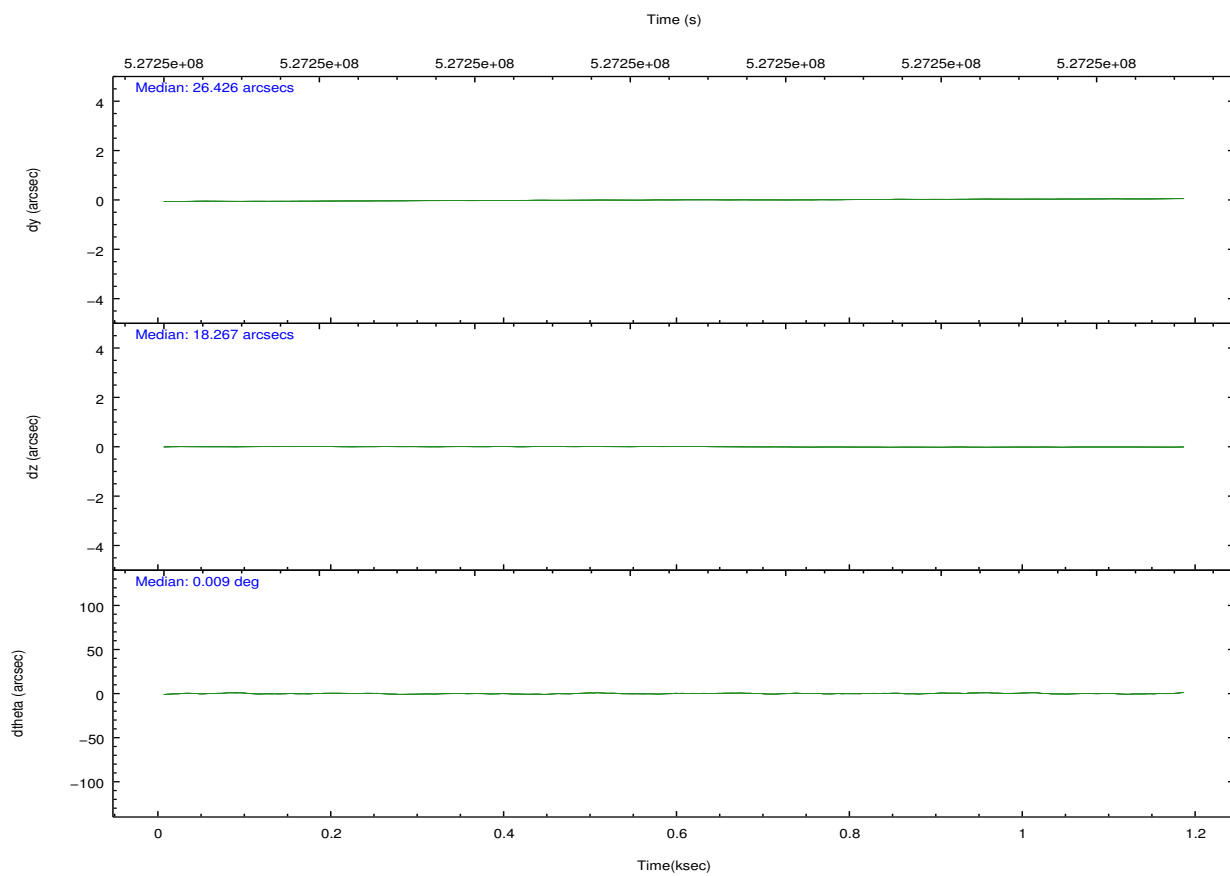
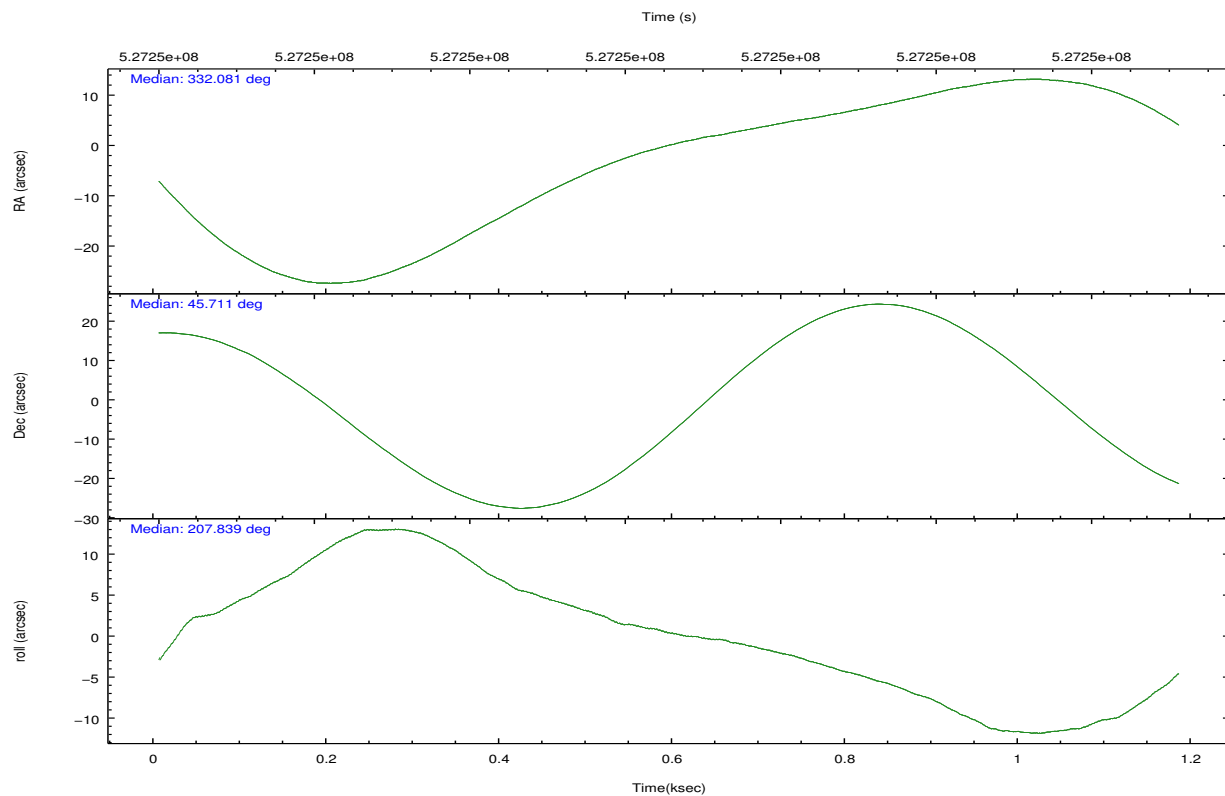
2.2 Compared Parameters

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	332.099562	332.0793021949706
[deg] Pointing Dec	45.734005	45.71082751408623
[deg] Pointing Roll	207.922438	207.8414895943298
[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)	527245851.184000	527245475.3519
Observation start date	2014-09-16T09:09:44	2014-09-16T09:04:35
[s] Observation end time (MET)	527246851.184000	527246985.68949
Observation end date	2014-09-16T09:26:24	2014-09-16T09:29:45

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

2.3 Aspect



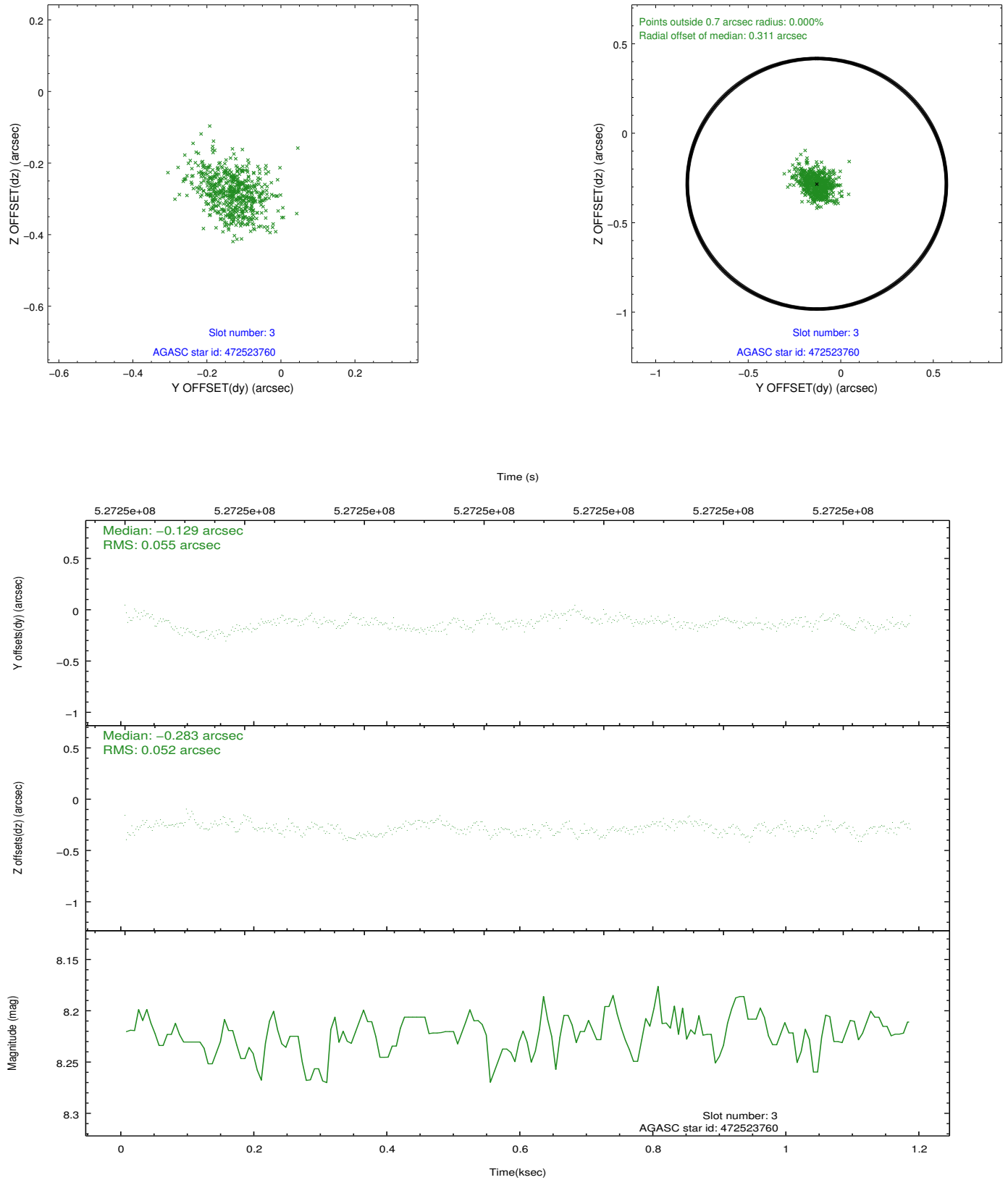


Slot Statistics

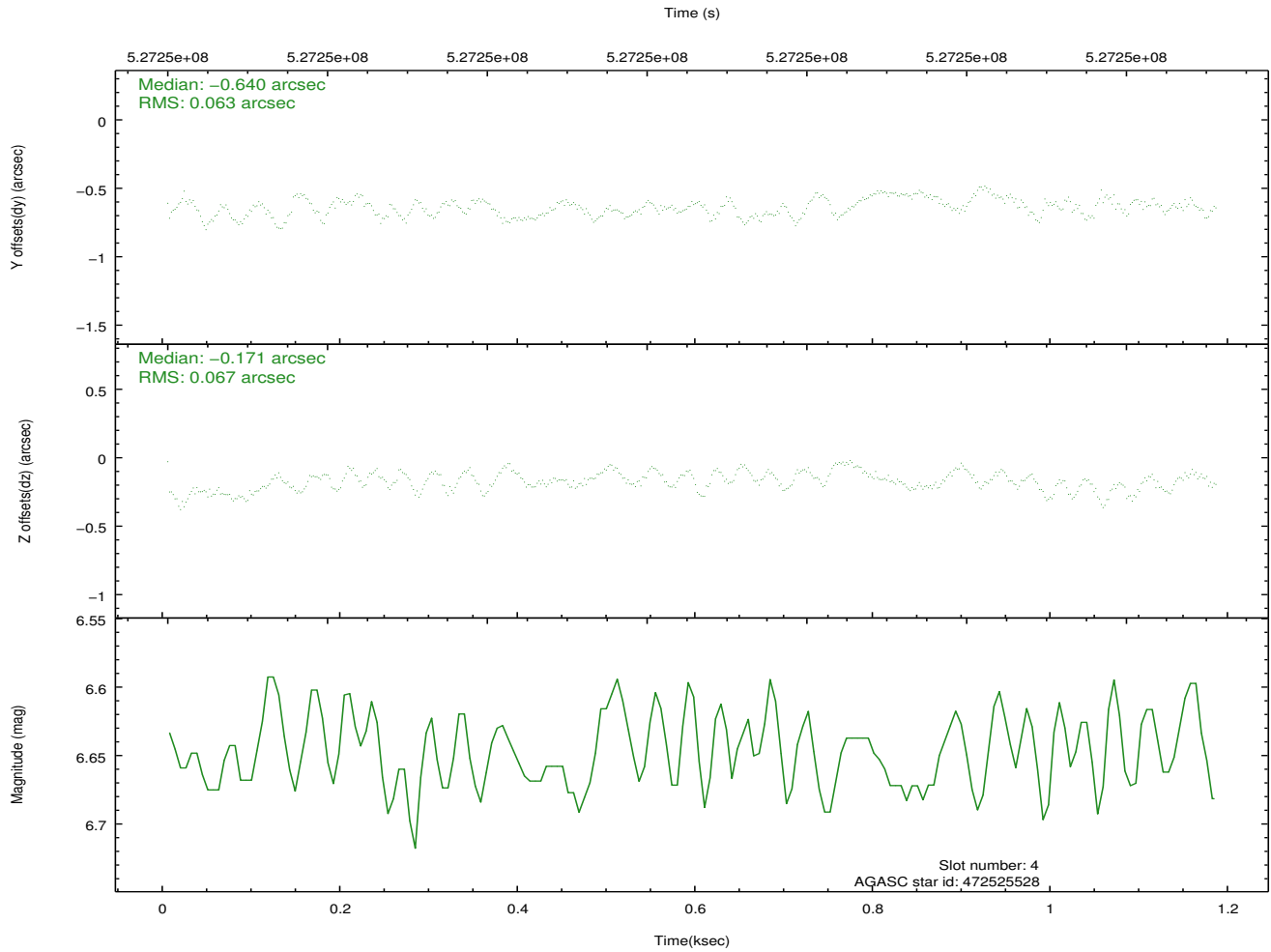
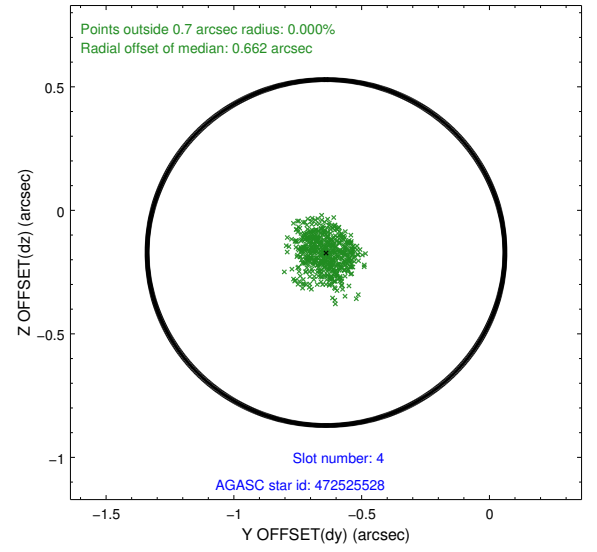
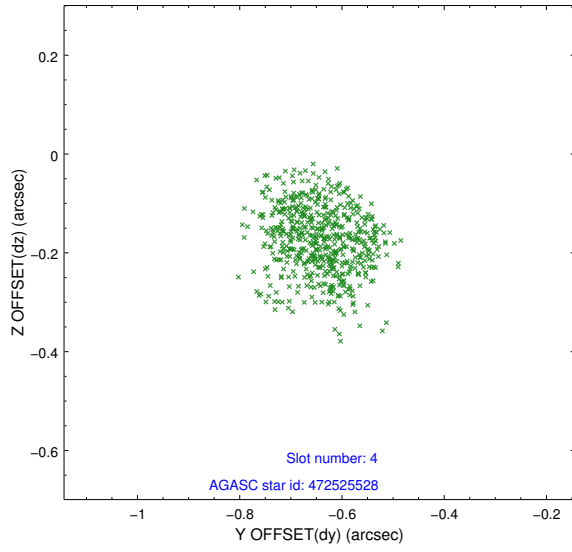
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.06	288	0.056	-0.066	0.007	0.012	0.000000	0.000000	830.15	-1308.08
1	FID	HRC-I-3	7.12	288	-0.272	-0.007	0.005	0.008	0.000000	0.000000	-1208.41	993.57
2	FID	HRC-I-4	7.04	288	0.335	-0.013	0.006	0.009	0.000000	0.000000	1256.40	999.15
3	GUIDE	472523760	8.22	577	-0.129	-0.283	0.078	0.135	331.645363	45.403260	1570.81	512.73
4	GUIDE	472525528	6.65	577	-0.640	-0.171	0.100	0.154	331.551102	45.248694	2046.57	890.75
5	GUIDE	472533912	9.15	577	0.280	0.301	0.166	0.254	331.791136	46.368695	-389.41	-2375.81
6	GUIDE	472655152	9.40	576	0.138	-0.187	0.177	0.287	332.504239	45.862991	-1115.24	59.63
7	GUIDE	472665256	8.98	576	0.341	0.354	0.108	0.187	332.808125	46.195041	-2342.22	-644.90

2.4 Star Slots

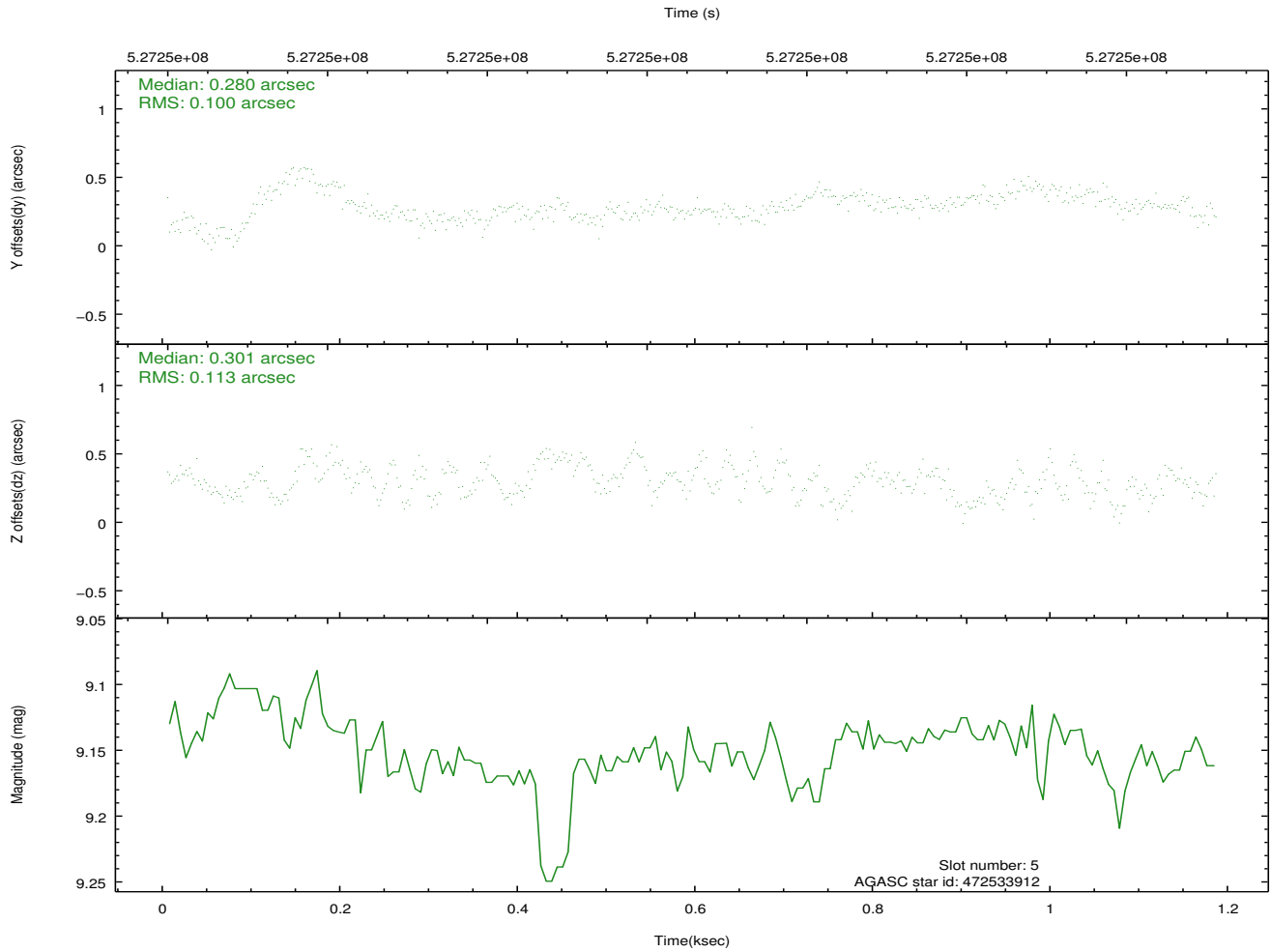
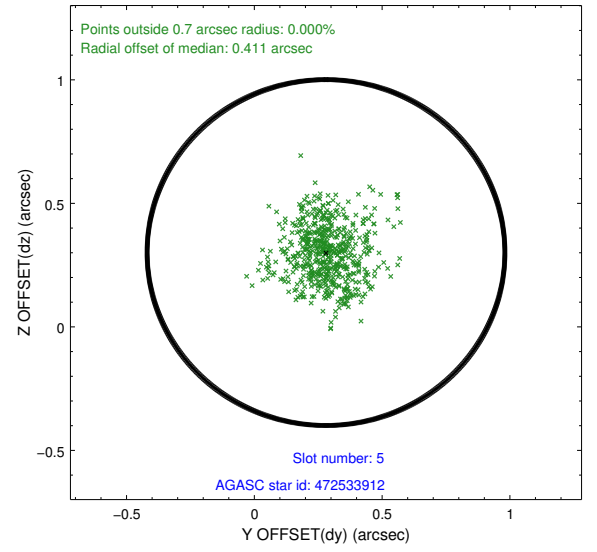
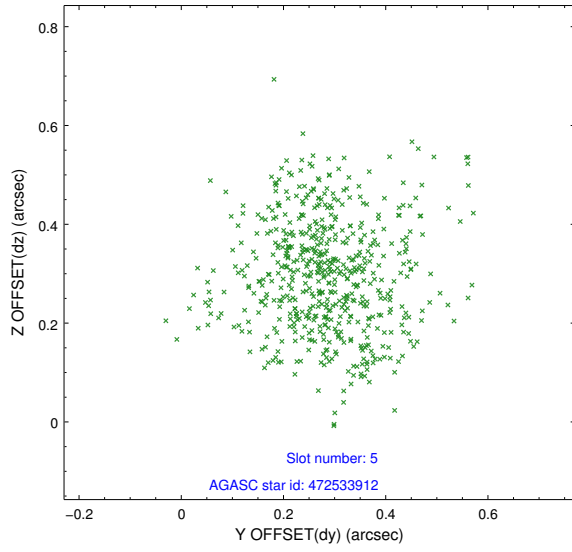
2.4.1 Slot 3



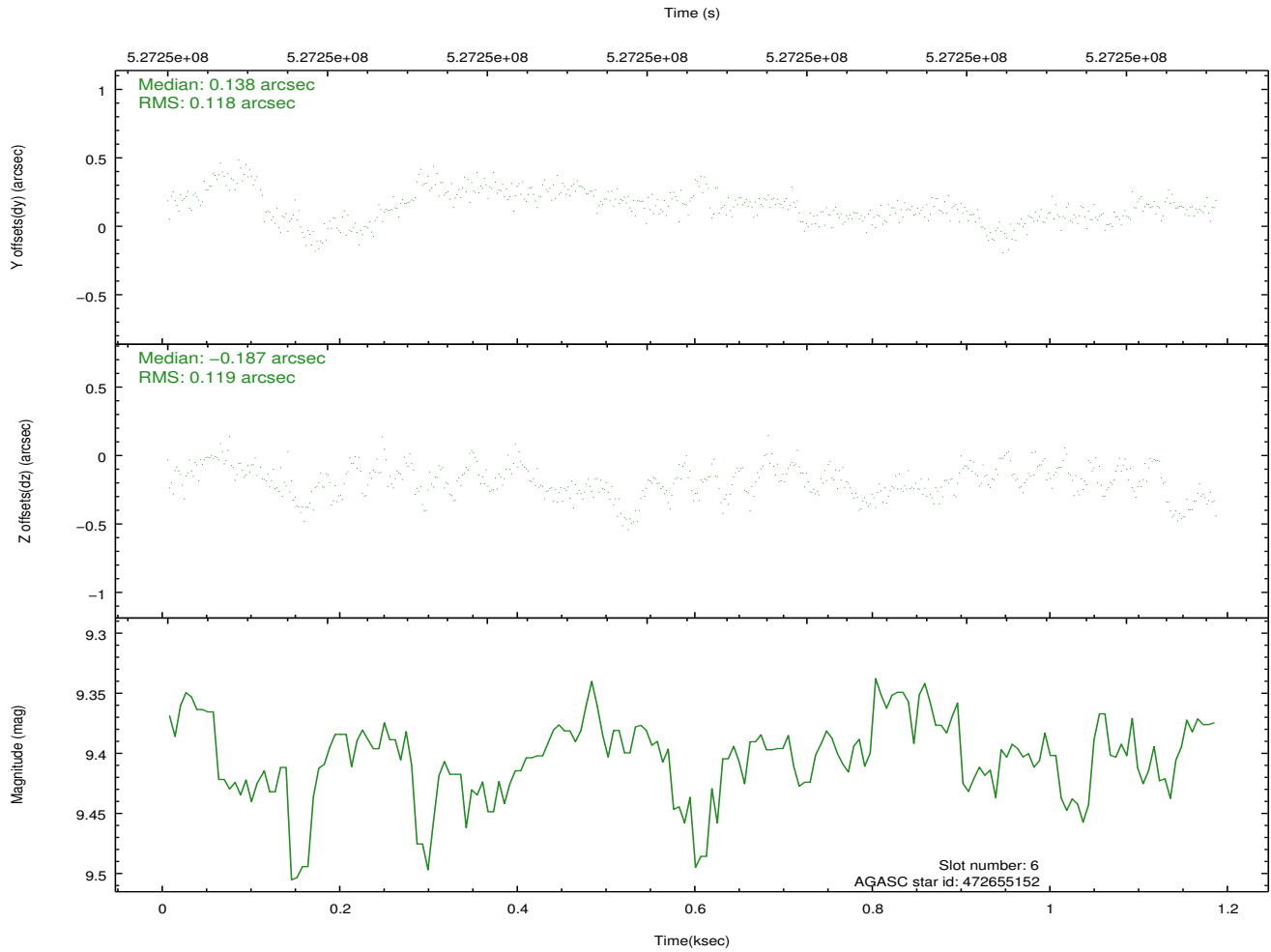
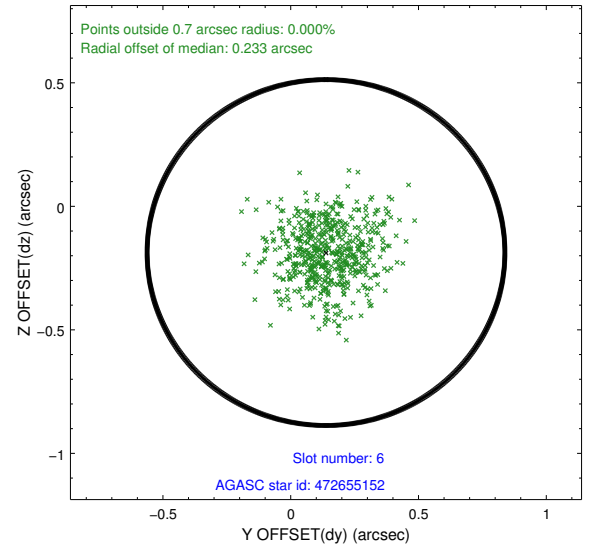
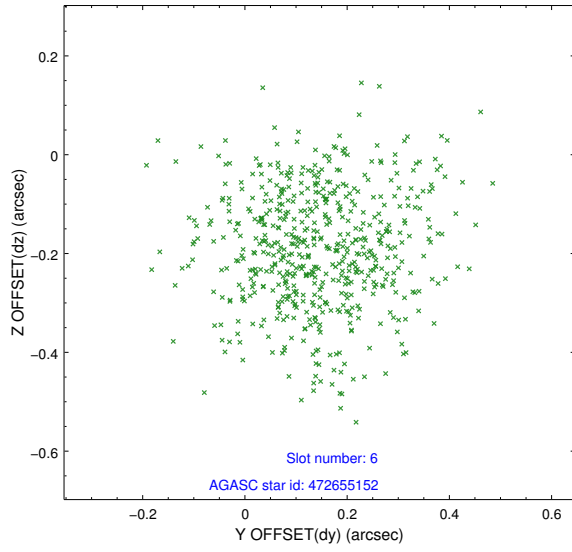
2.4.2 Slot 4



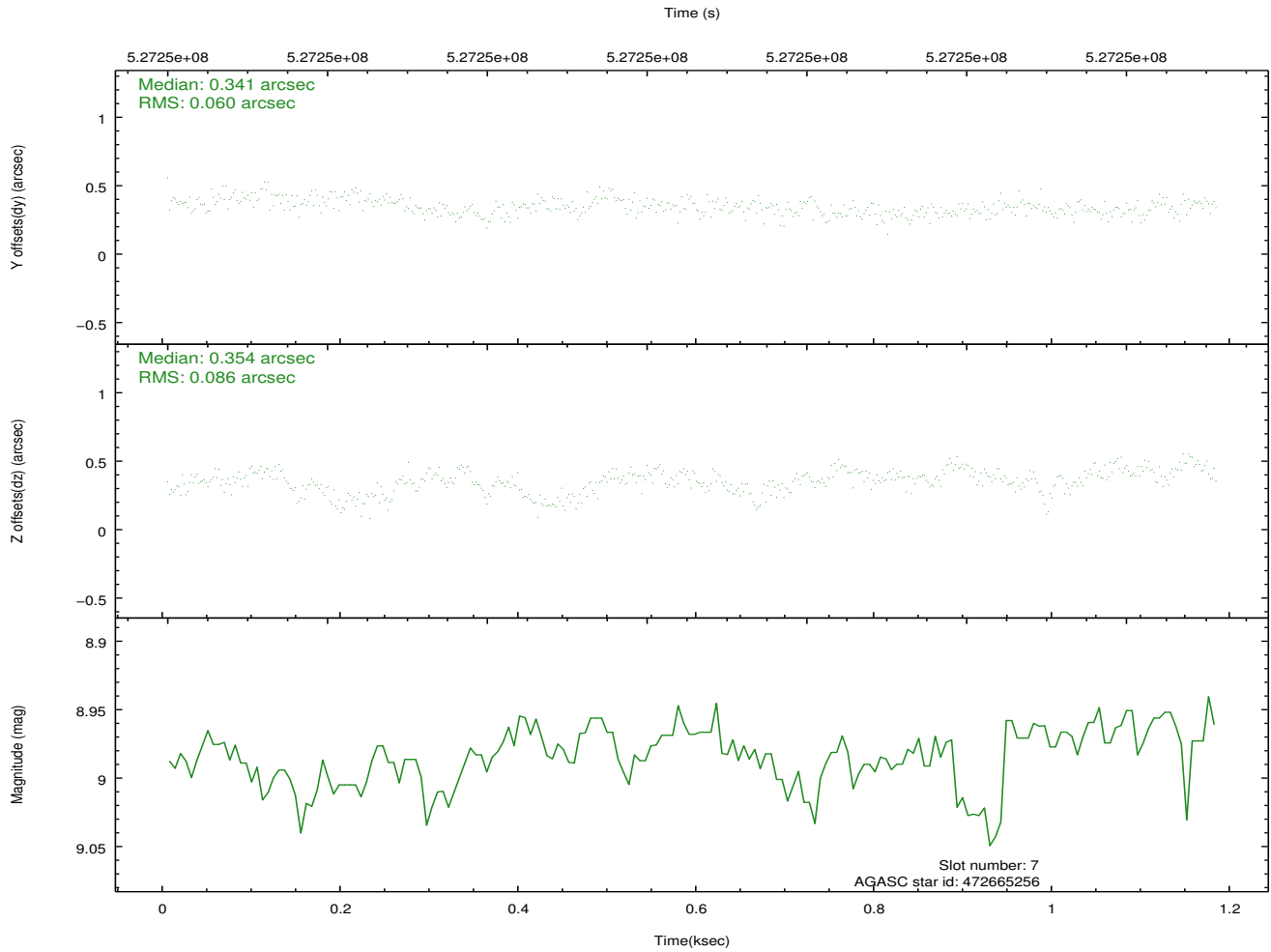
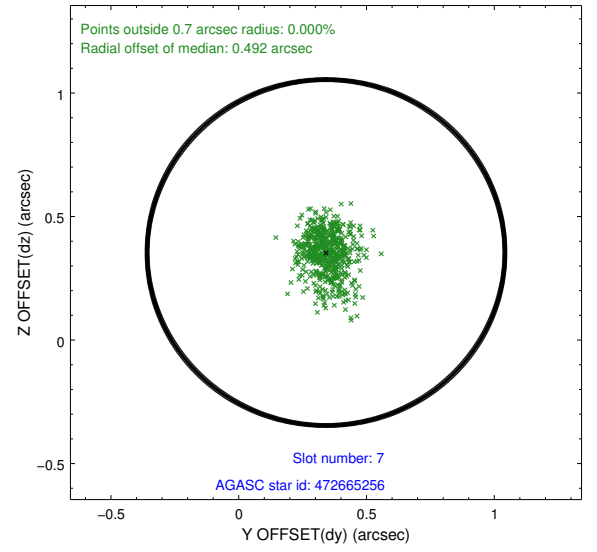
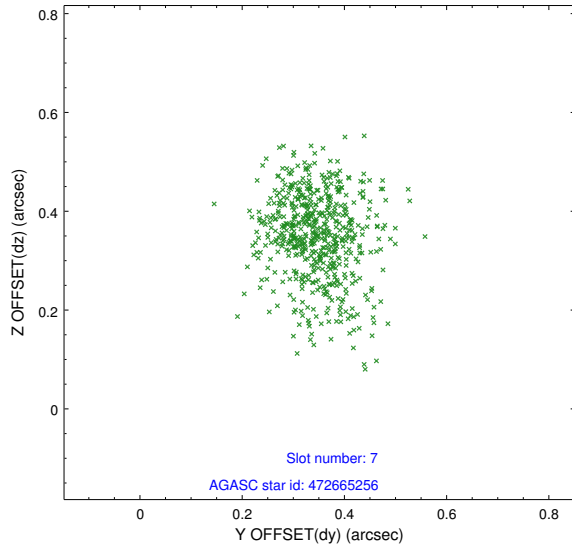
2.4.3 Slot 5



2.4.4 Slot 6

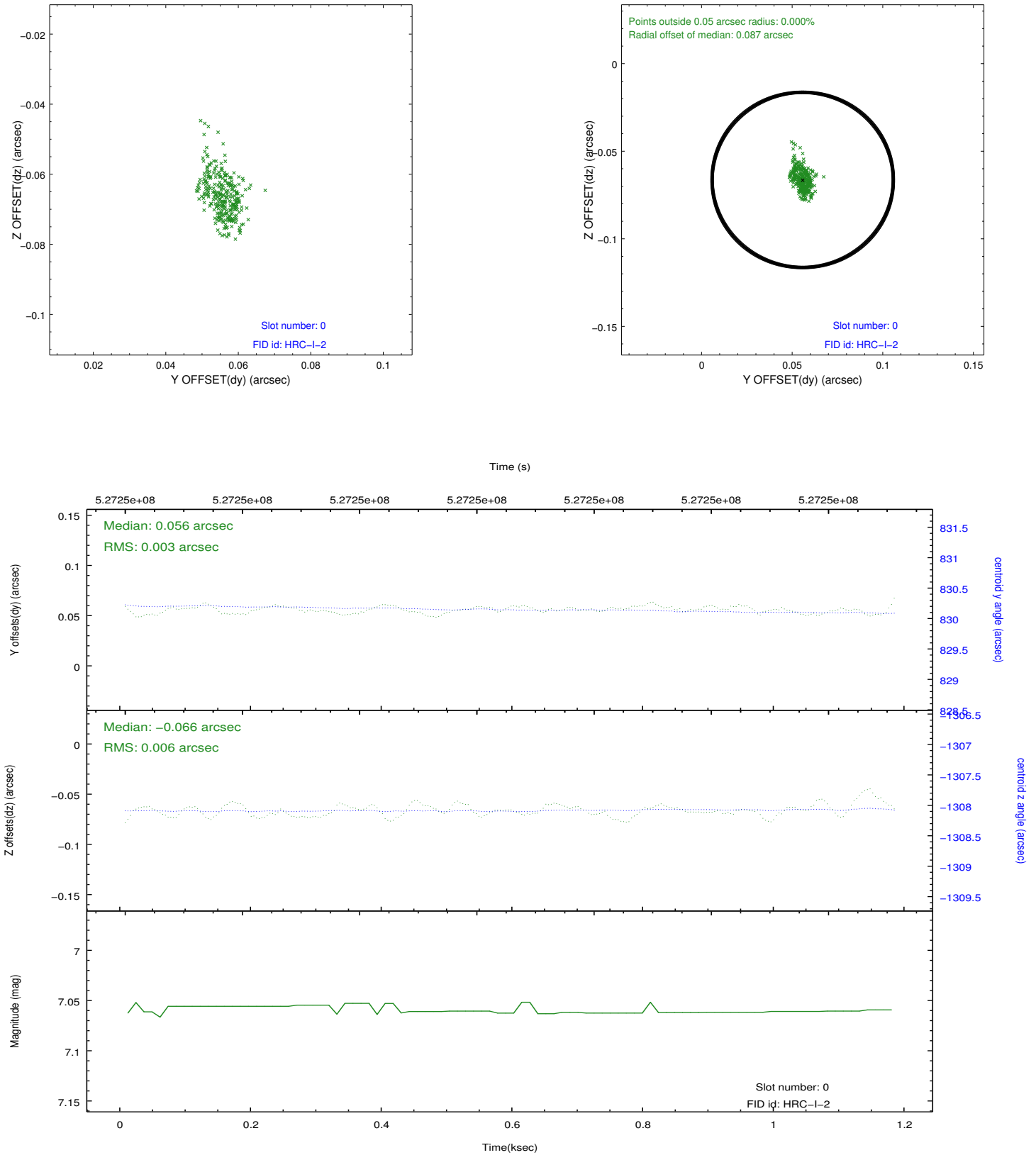


2.4.5 Slot 7

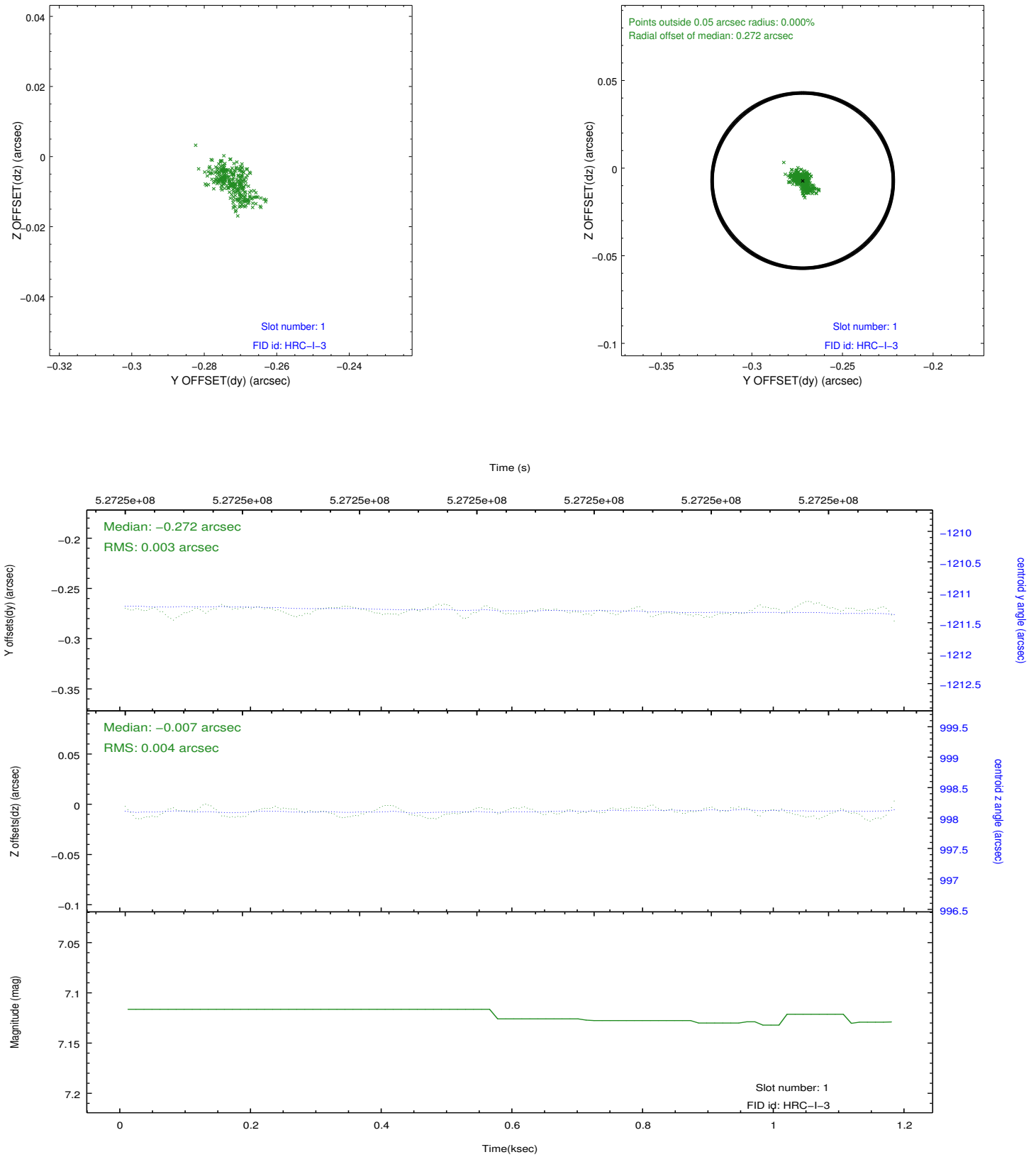


2.5 FID Slots

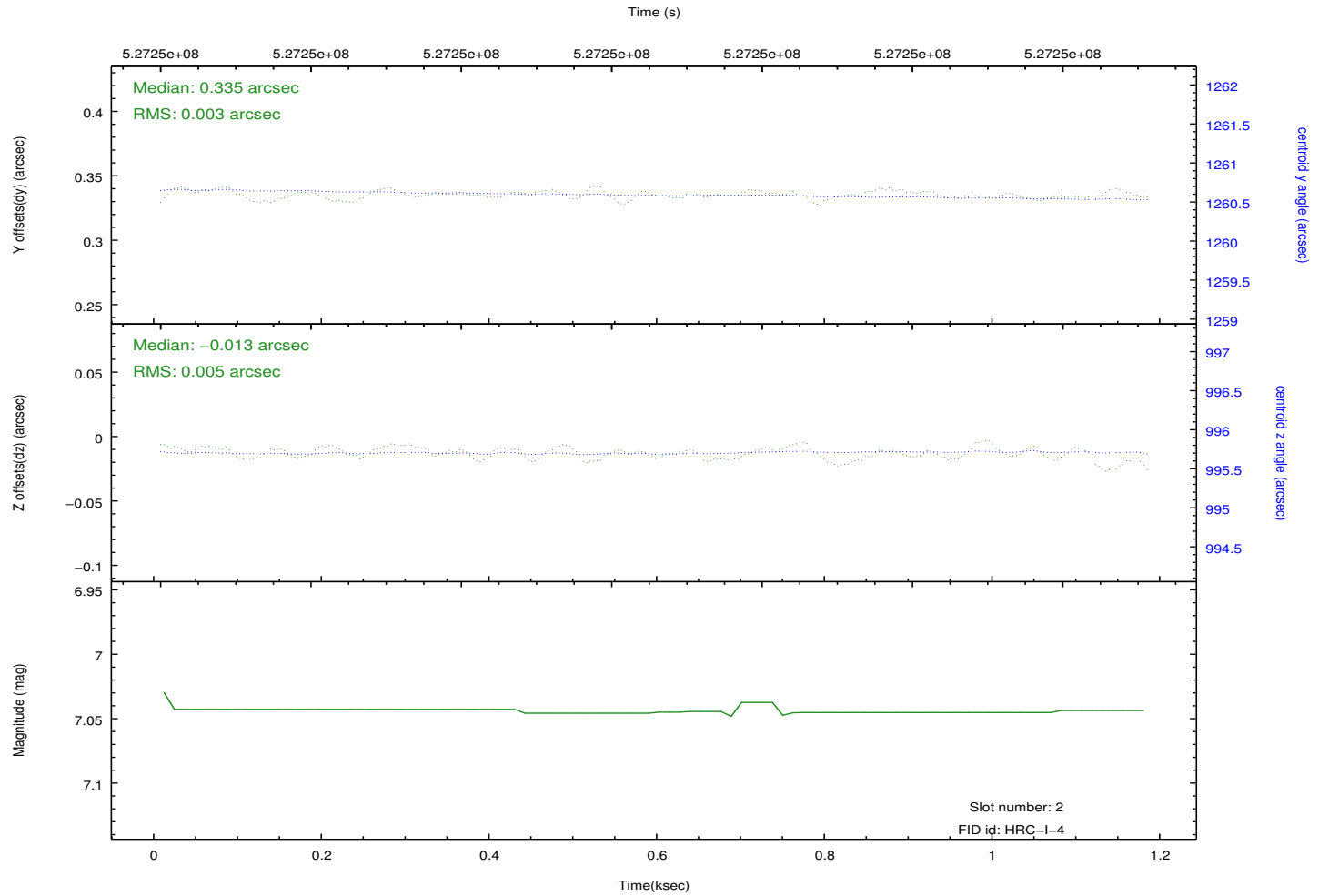
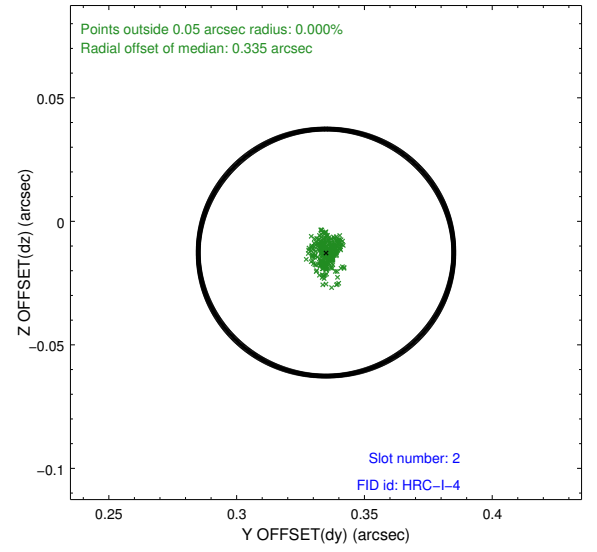
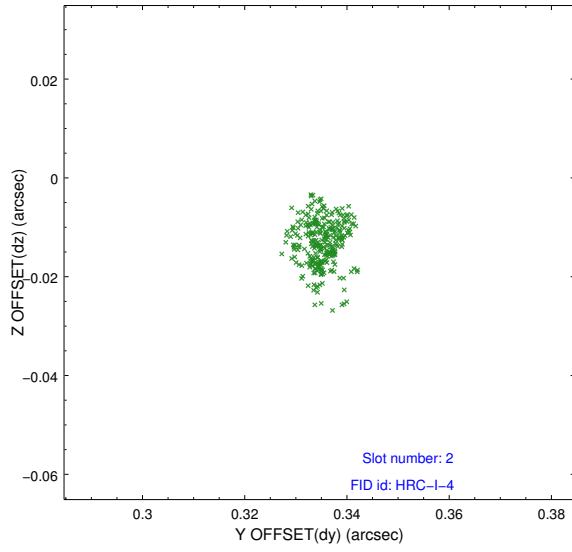
2.5.1 Slot 0



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	1.1800313155651

A.2 Comments