

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6533 - L2 Version 4
Chandra X-Ray Center

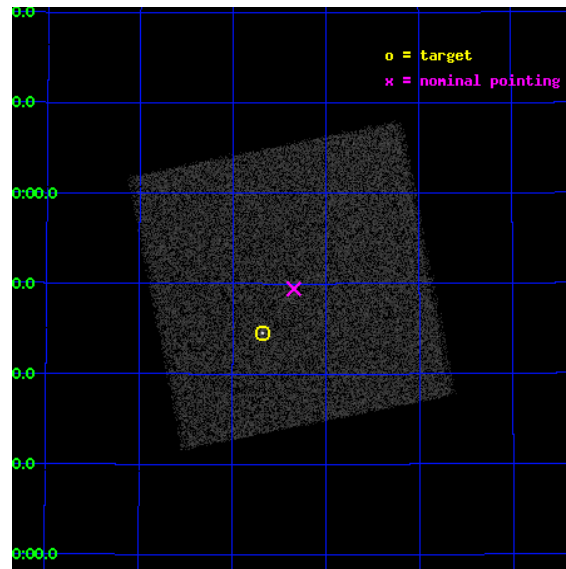
L2 Processing Date : Aug 11 2012

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1 Front

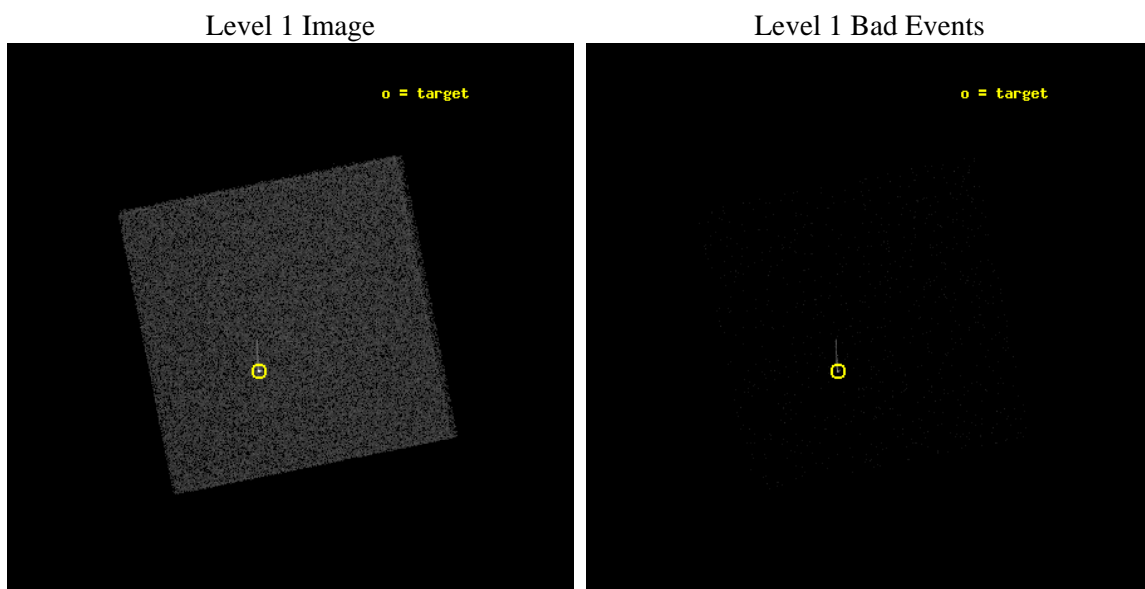
seq_num	290626	Sequence number
obs_id	6533	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.08585761319	Nominal RA [deg]
dec_nom	45.824044695253	Nominal Dec [deg]
roll_nom	213.63881041319	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1180.0313054919	[s]
livetime	1169.0966911334	Ontime multiplied by DTCOR
l2events	63699	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	1180.0313054919	[s]
caldsver	4.5.1.1	 	l1events	118359	Number of level 1 events
date	2012-08-11T12:50:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

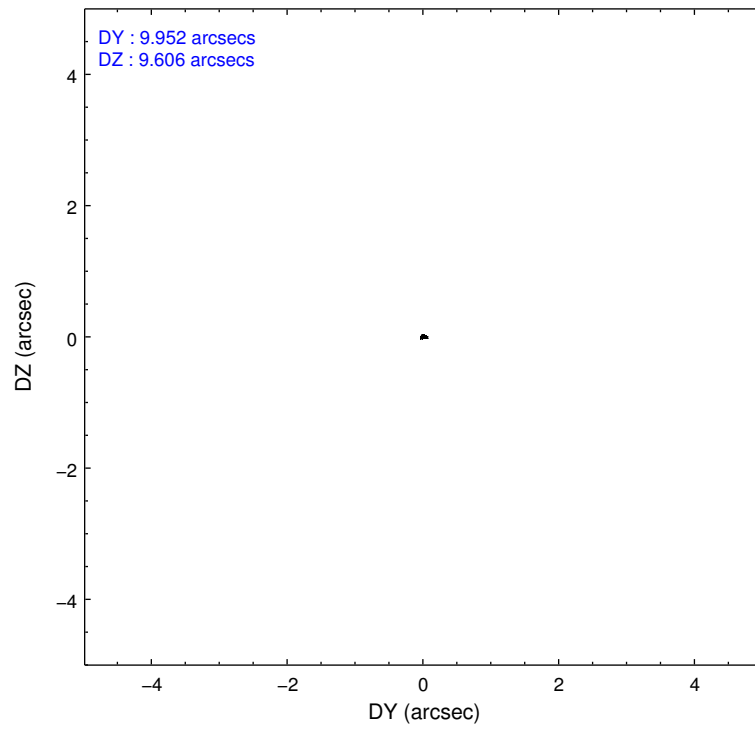
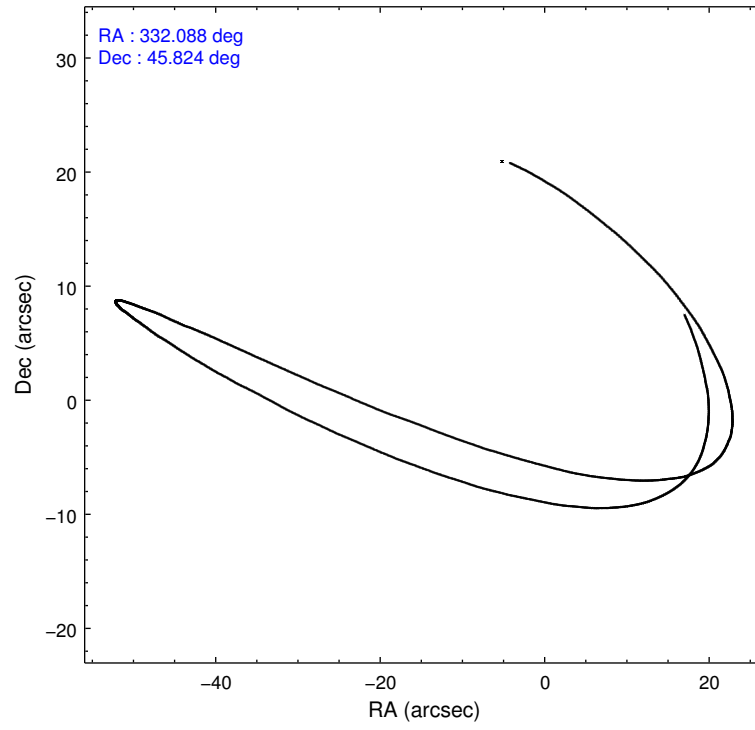
Level 1 Events

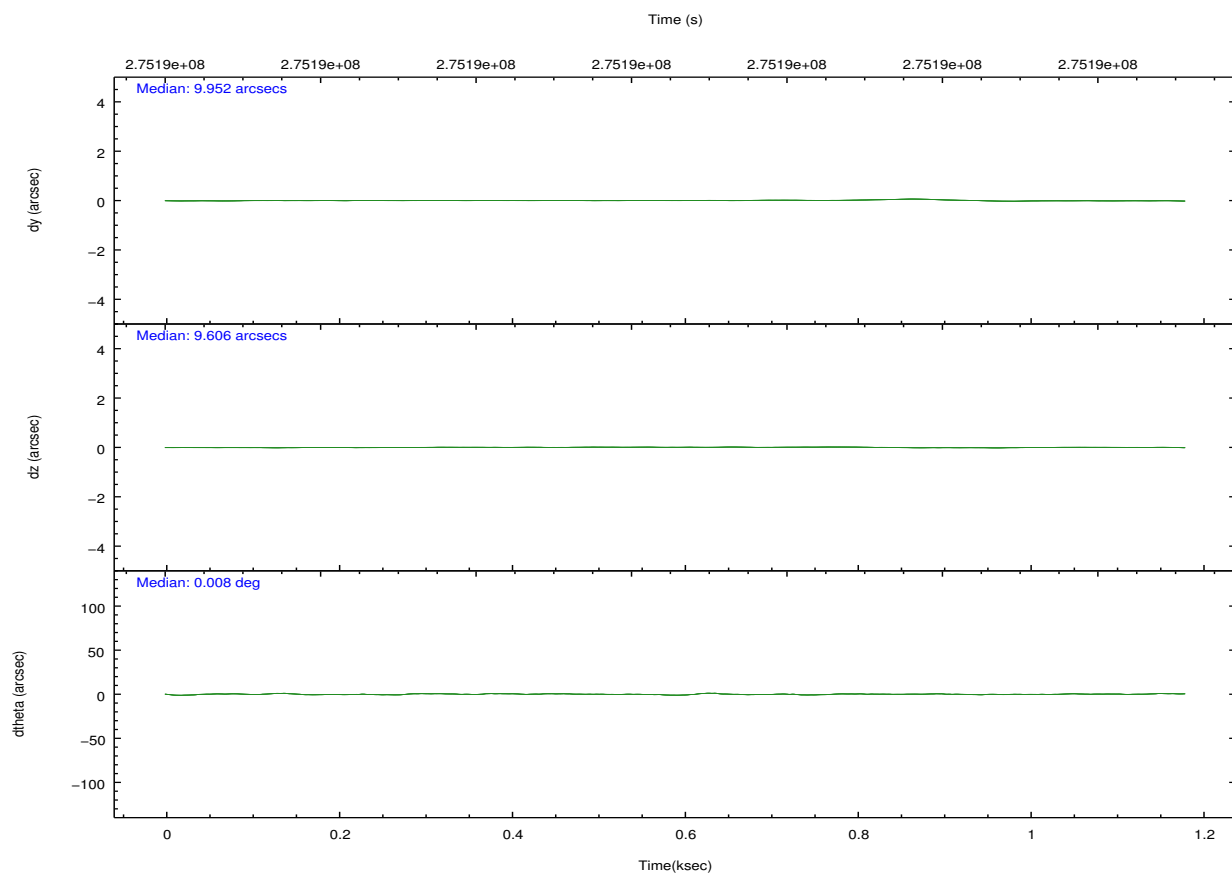
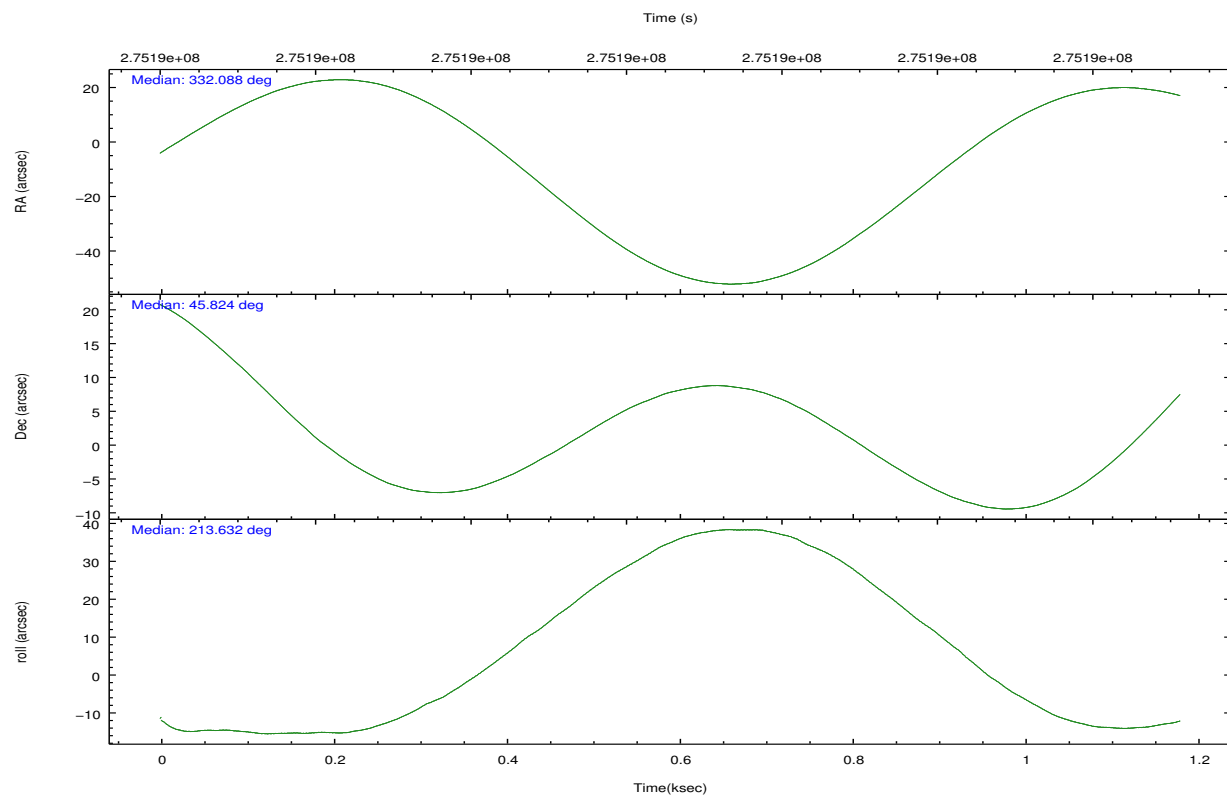
	segment 0
level 1 events	118359
rejected events	25744
rejected %	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.101019	332.0858576131869			
[deg] Pointing Dec	45.849261	45.82404469525329			
[deg] Pointing Roll	213.723463	213.6388104131919			
[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)	275191442.184000	275191066.00184			
Observation start date	2006-09-21T02:02:57	2006-09-21T01:57:46			
[s] Observation end time (MET)	275192442.184000	275192575.82691			
Observation end date	2006-09-21T02:19:37	2006-09-21T02:22:55			

2.3 Aspect



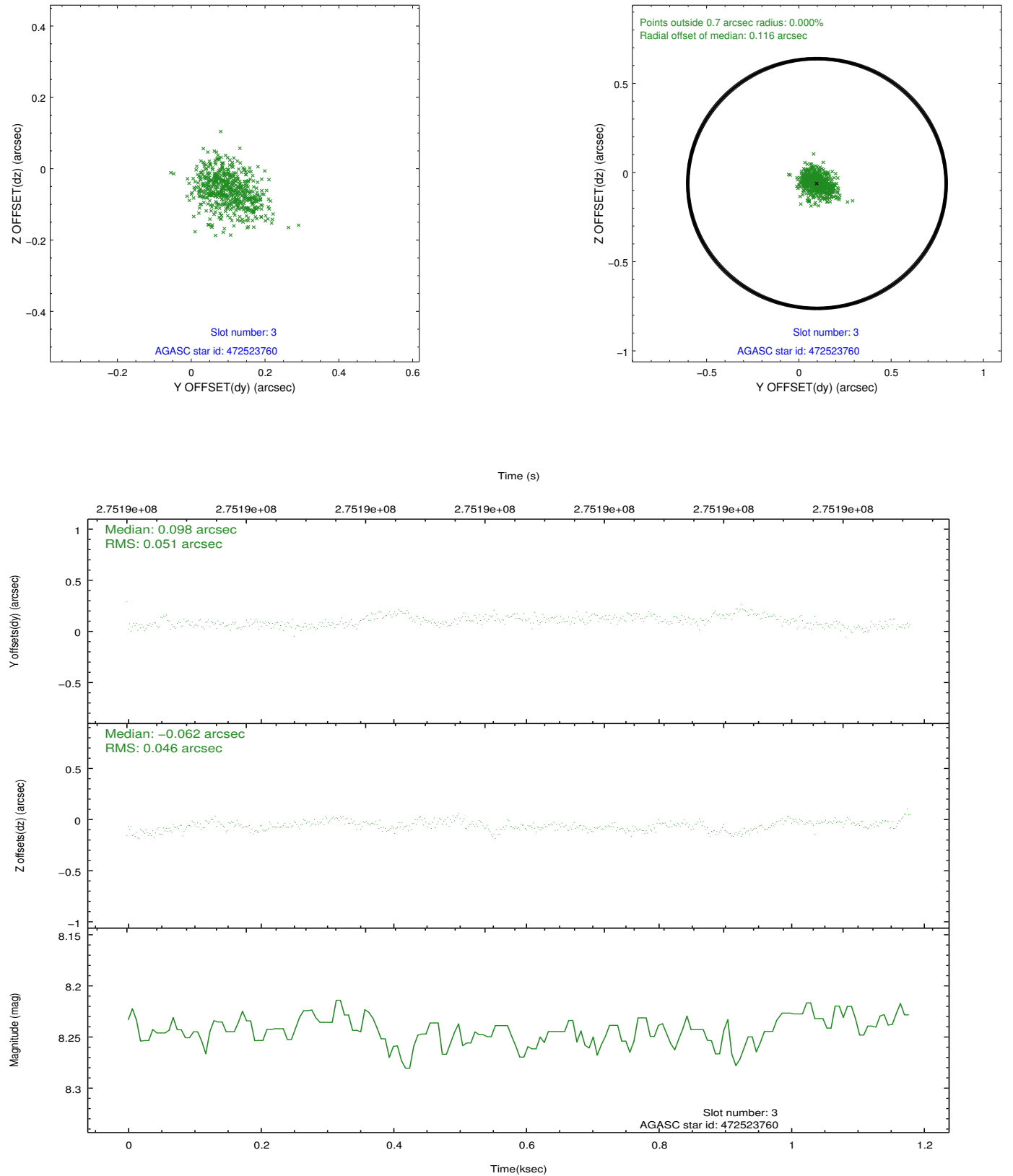


Slot Statistics

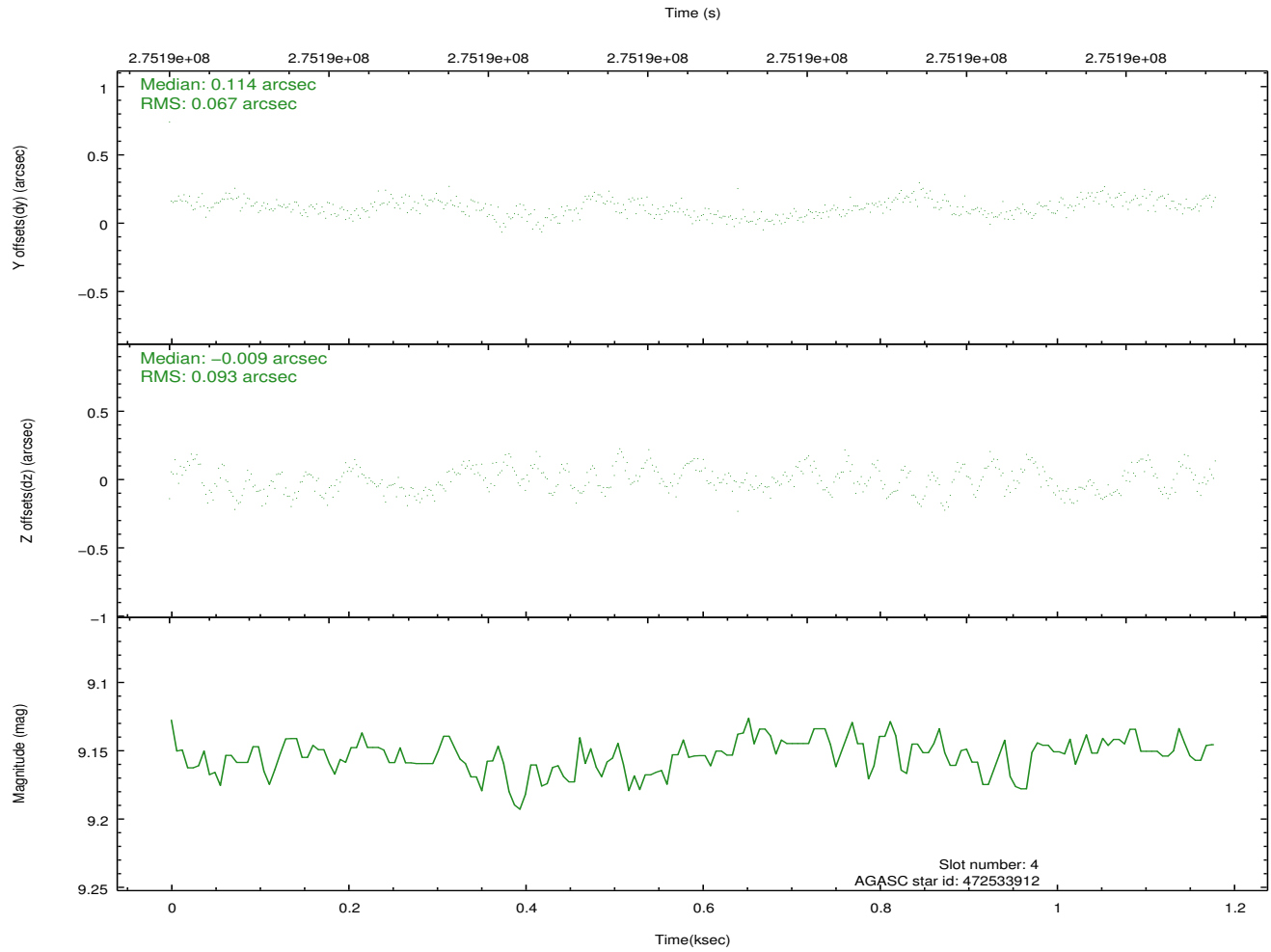
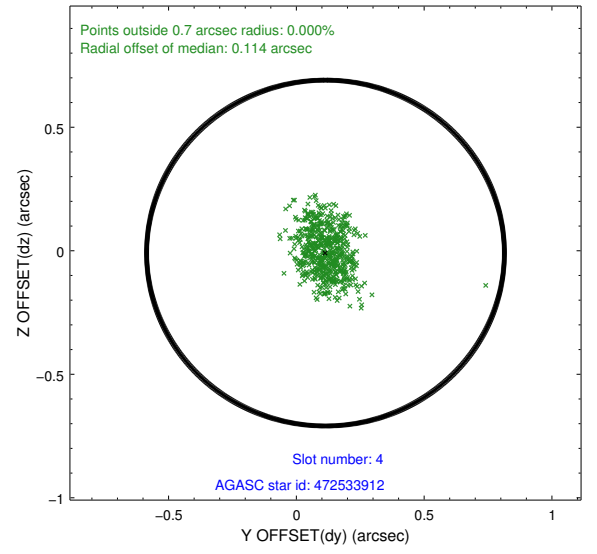
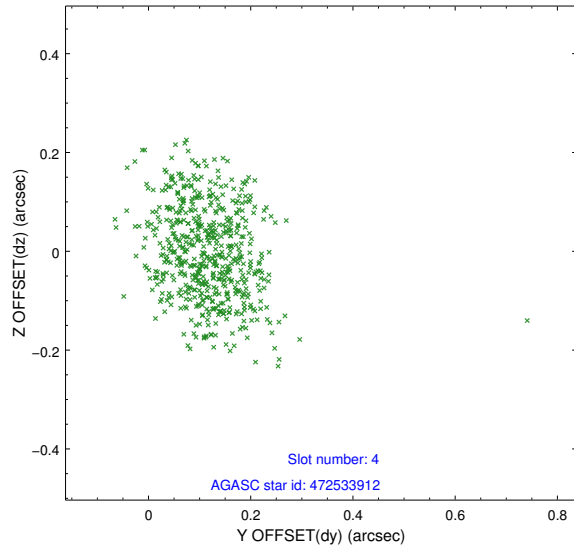
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	288	0.047	-0.038	0.009	0.013	0.000000	0.000000	847.08	-1299.12
1	FID	HRC-I-3	7.06	289	-0.038	-0.021	0.008	0.015	0.000000	0.000000	-1191.23	1002.50
2	FID	HRC-I-4	6.99	288	0.111	-0.029	0.009	0.014	0.000000	0.000000	1273.13	1008.11
3	GUIDE	472523760	8.24	576	0.098	-0.062	0.075	0.116	331.645363	45.403260	1849.37	689.83
4	GUIDE	472533912	9.15	577	0.114	-0.009	0.121	0.189	331.791136	46.368695	-393.53	-1986.35
5	GUIDE	472535576	7.85	577	-0.166	0.141	0.067	0.108	331.438373	46.291802	483.81	-2252.77
6	GUIDE	472655152	9.41	576	0.150	-0.105	0.122	0.198	332.504239	45.862991	-866.89	510.34
7	GUIDE	472525528	6.65	576	-0.189	0.025	0.082	0.129	331.551102	45.248694	2356.87	1018.02

2.4 Star Slots

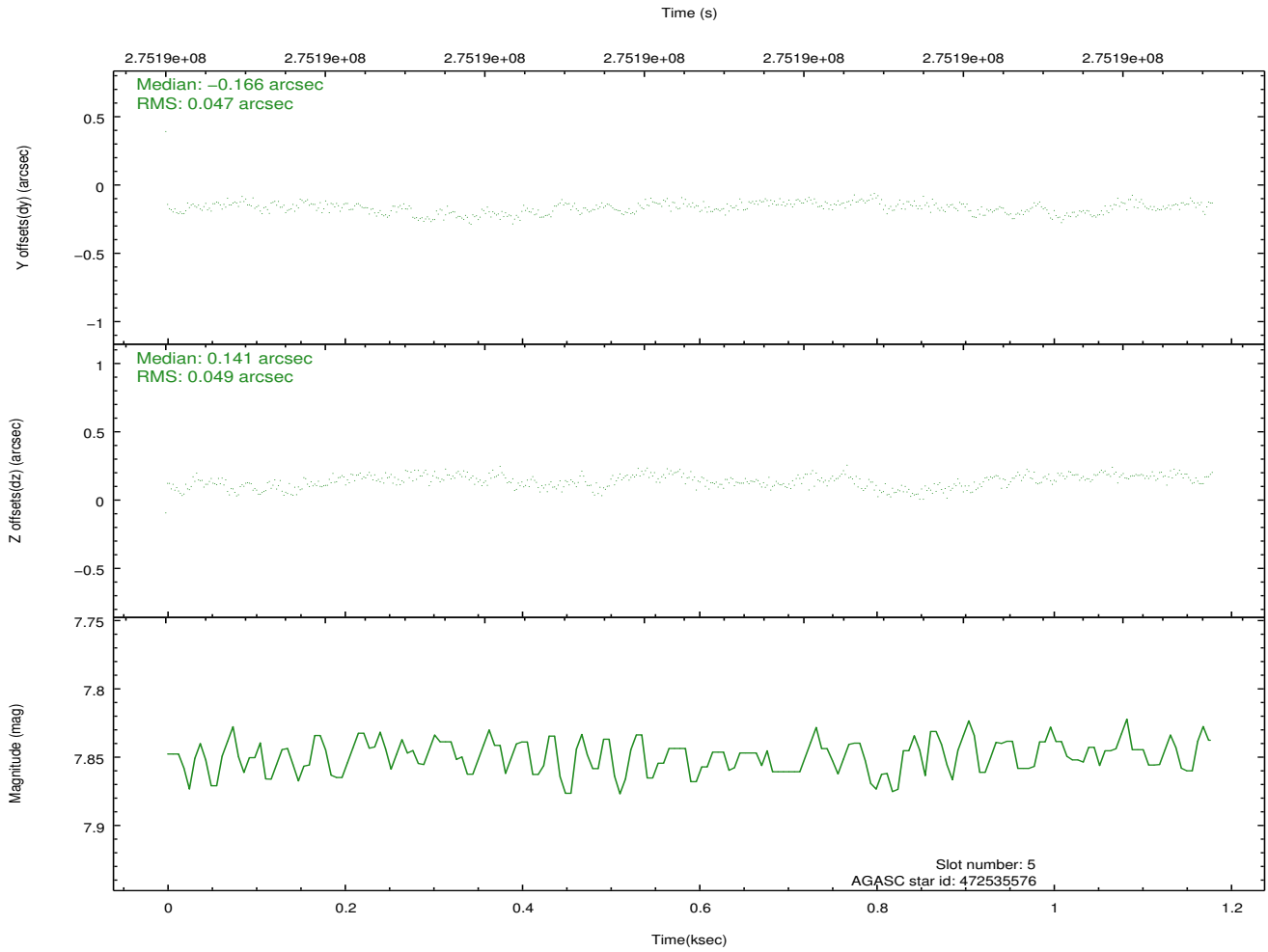
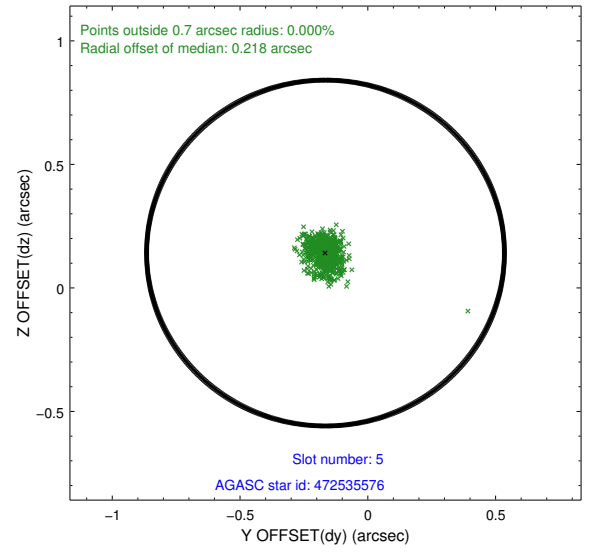
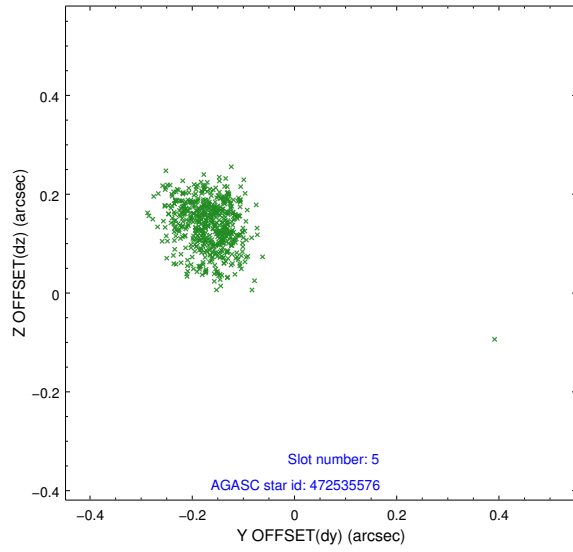
2.4.1 Slot 3



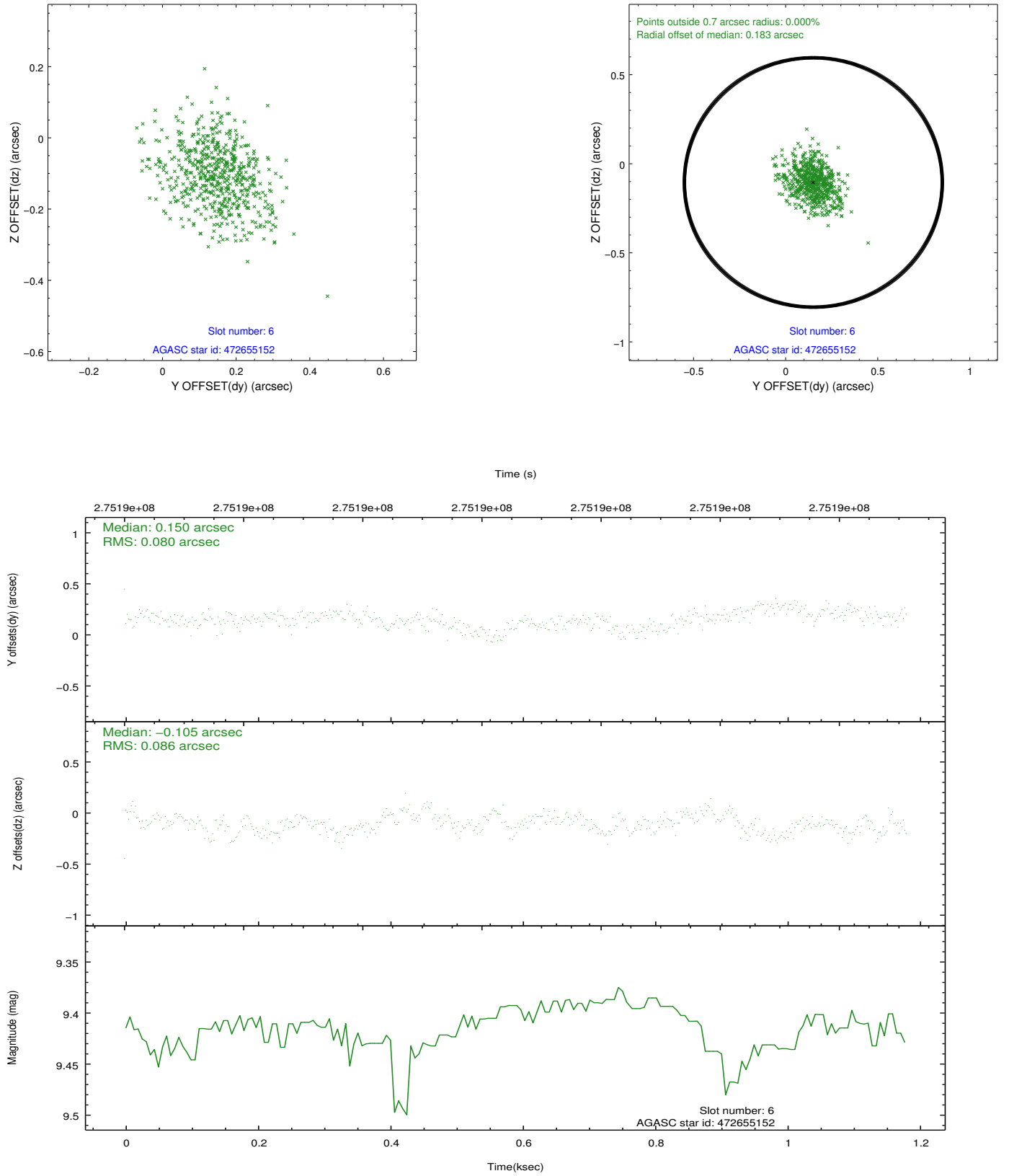
2.4.2 Slot 4



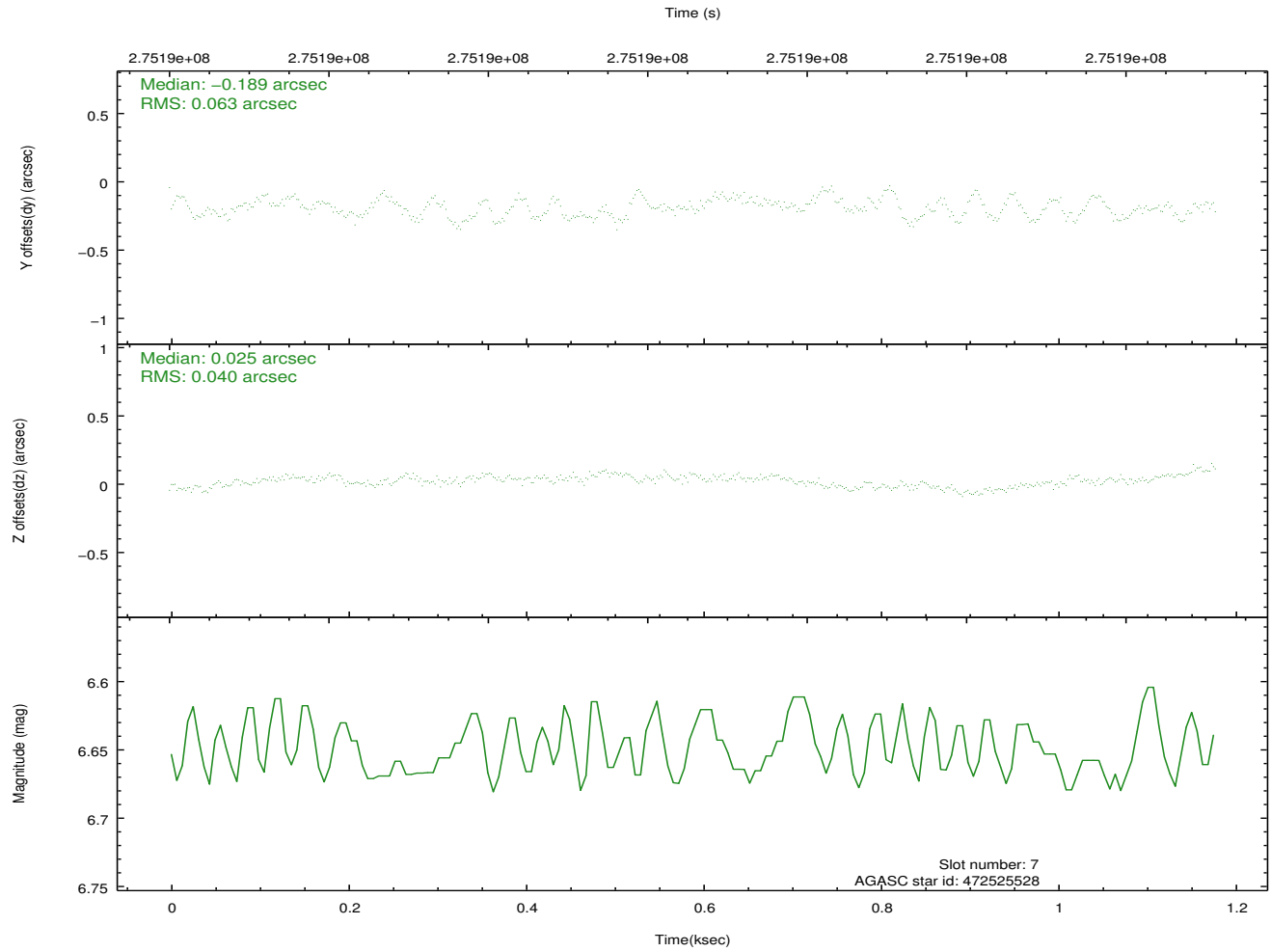
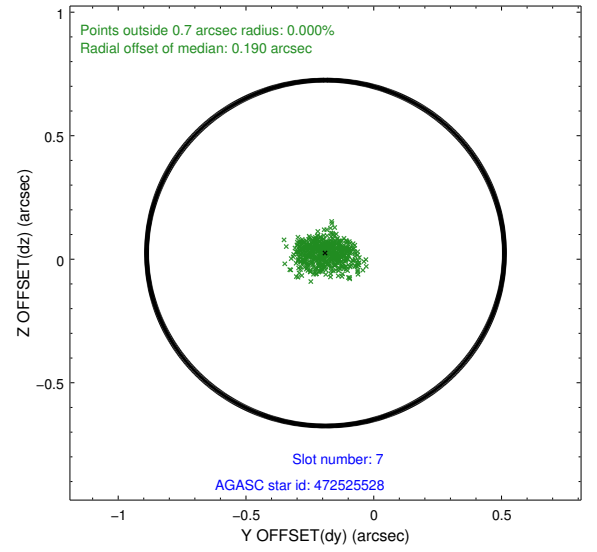
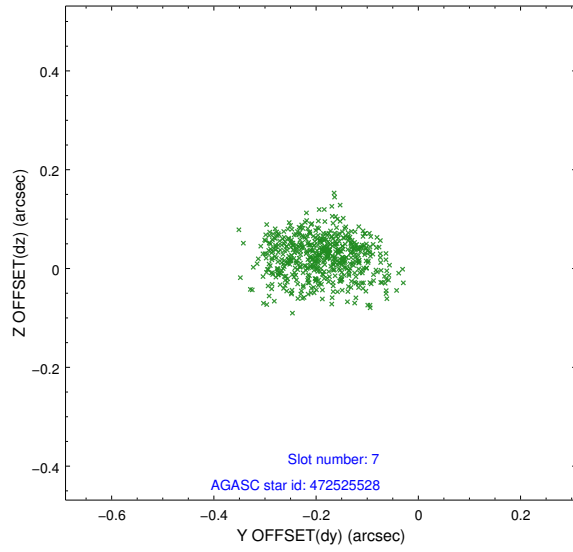
2.4.3 Slot 5



2.4.4 Slot 6

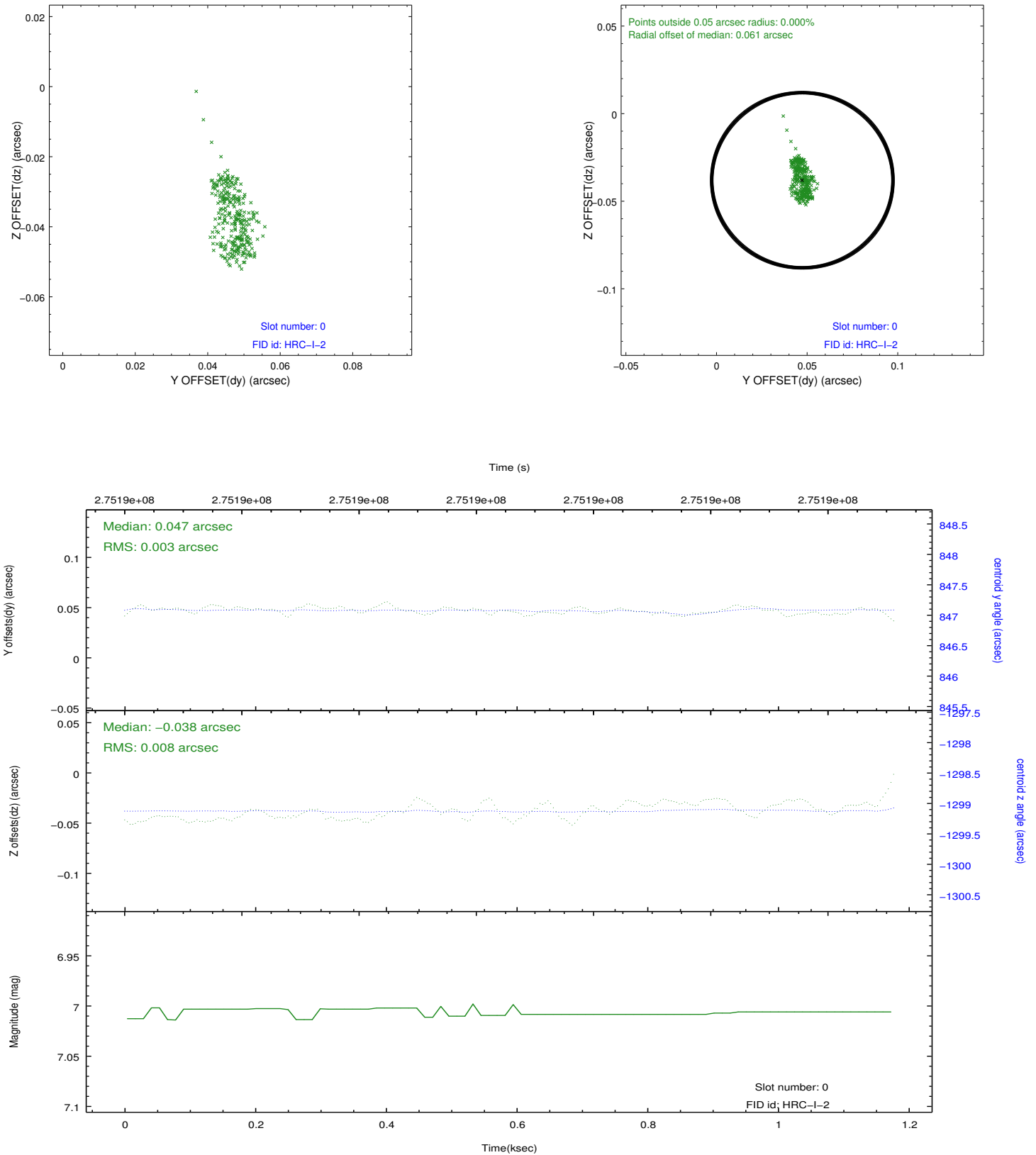


2.4.5 Slot 7

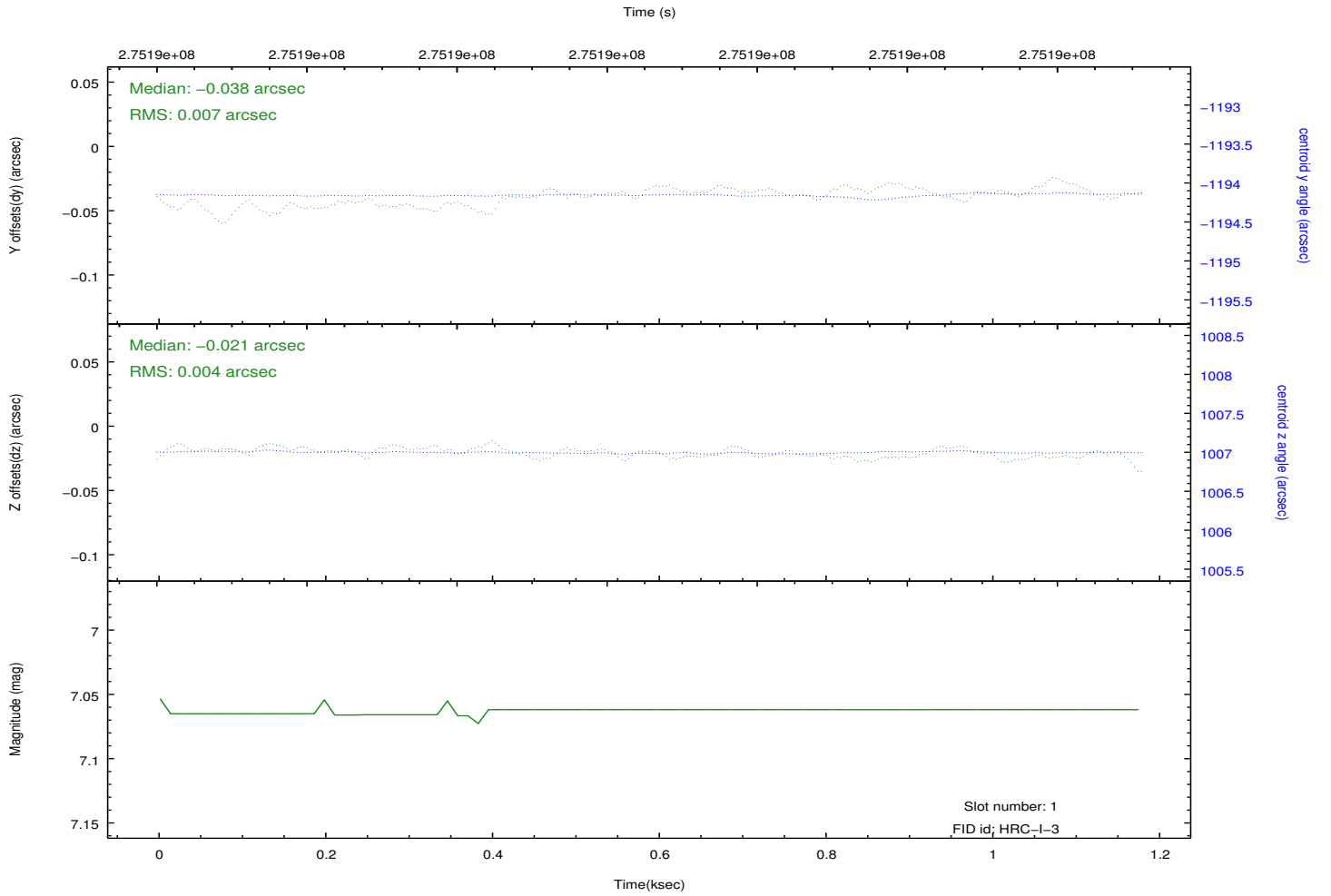
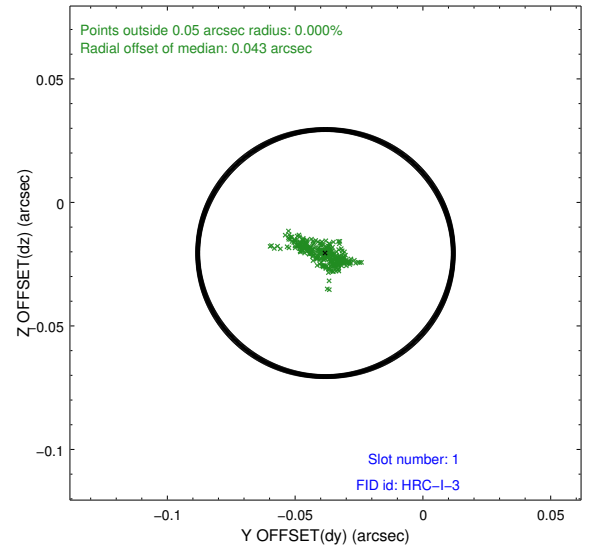
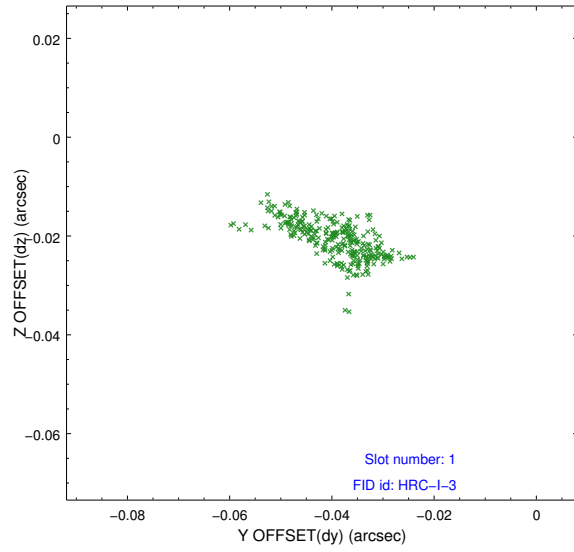


2.5 FID Slots

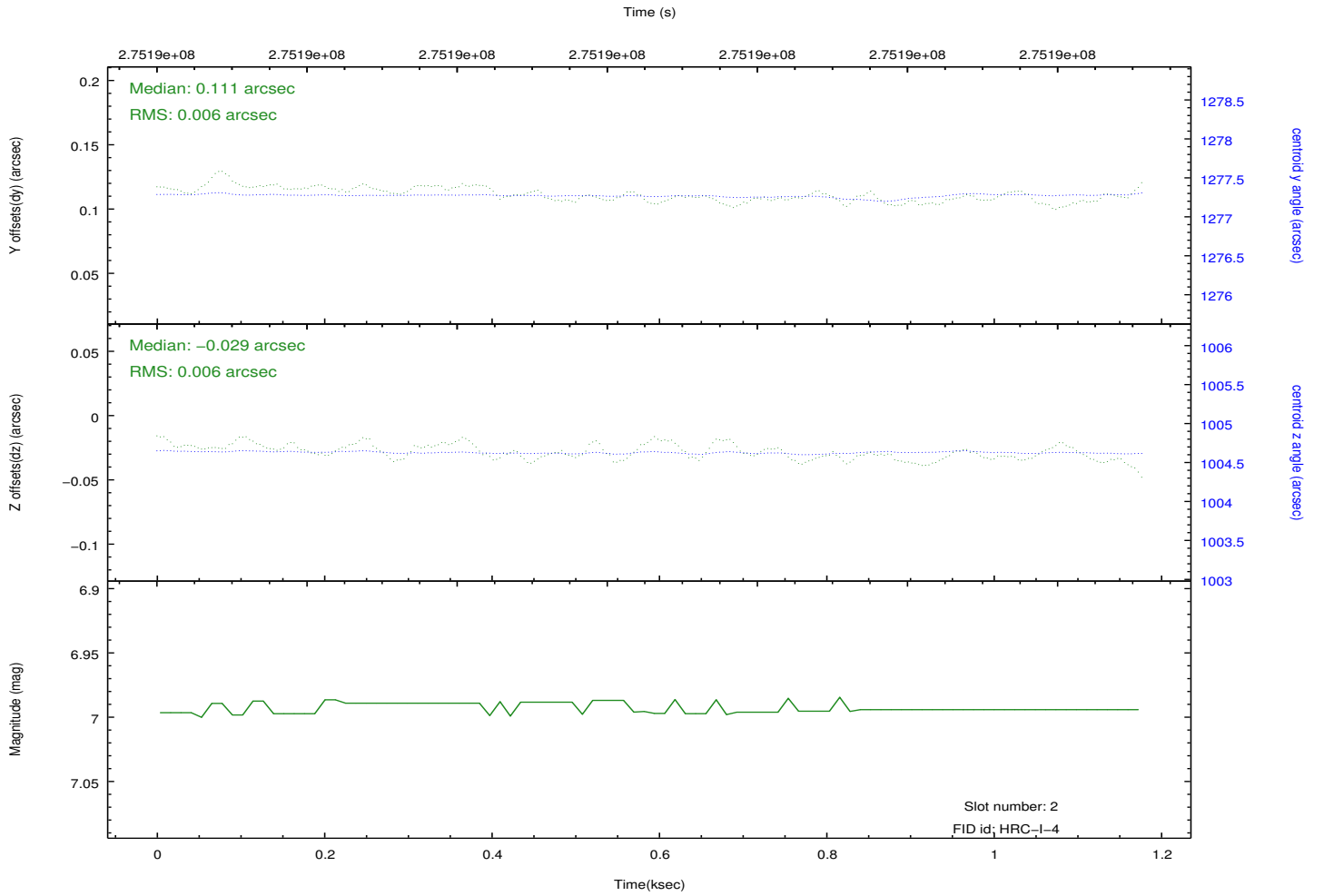
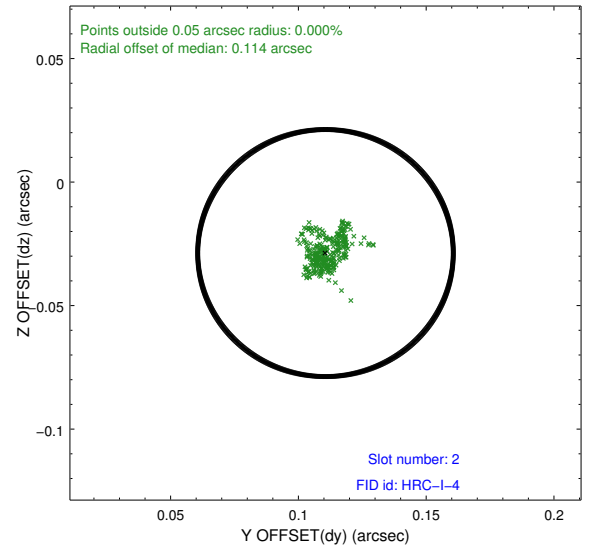
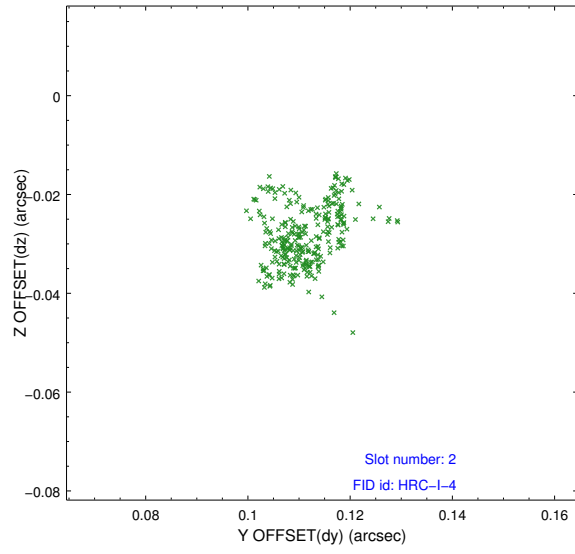
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313

A.2 Comments