

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6529 - L2 Version 4
Chandra X-Ray Center

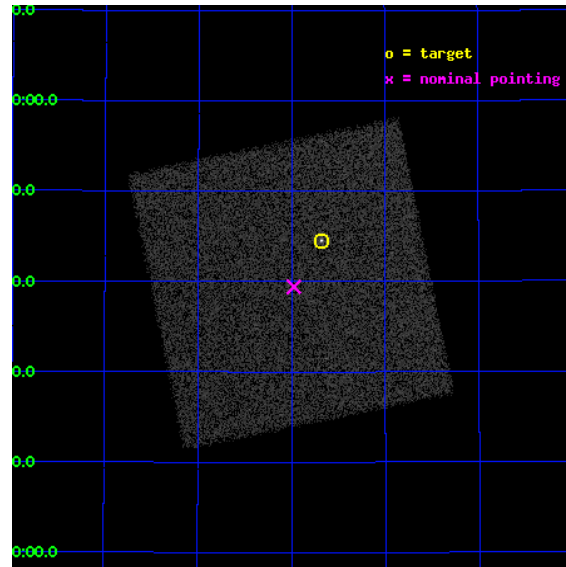
L2 Processing Date : Aug 11 2012

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1 Front

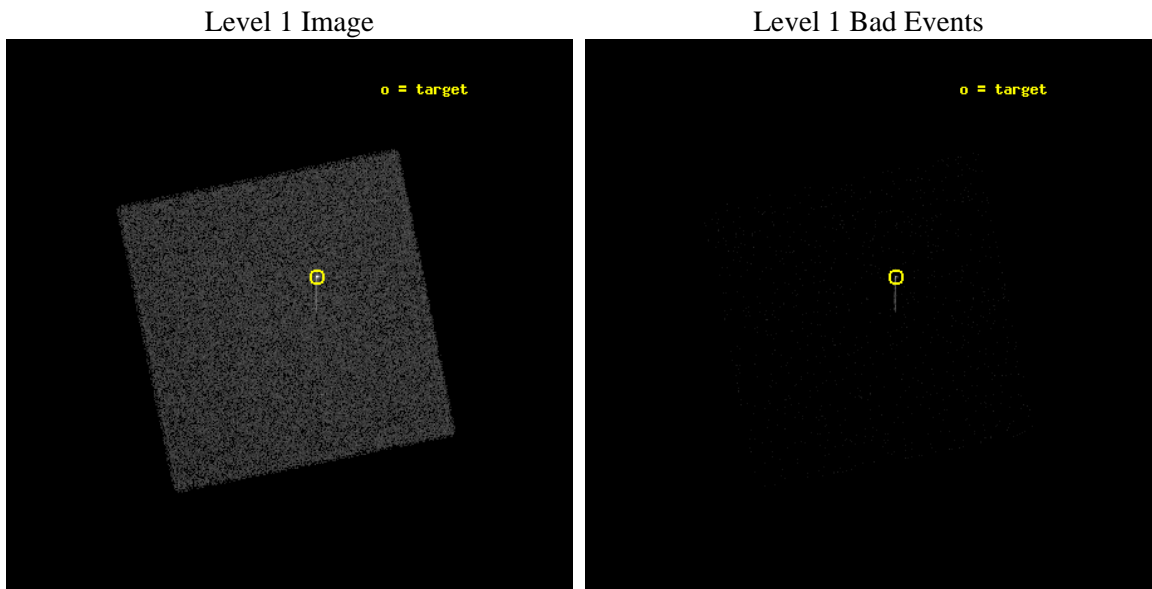
seq_num	290622	Sequence number
obs_id	6529	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.24380595531	Nominal RA [deg]
dec_nom	45.657088261161	Nominal Dec [deg]
roll_nom	213.44177521412	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1182.0813056231	[s]
livetime	1171.1679986899	Ontime multiplied by DTCOR
l2events	63251	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	1182.0813056231	[s]
caldbver	4.5.1.1	 	l1events	117517	Number of level 1 events
date	2012-08-11T12:50:59	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

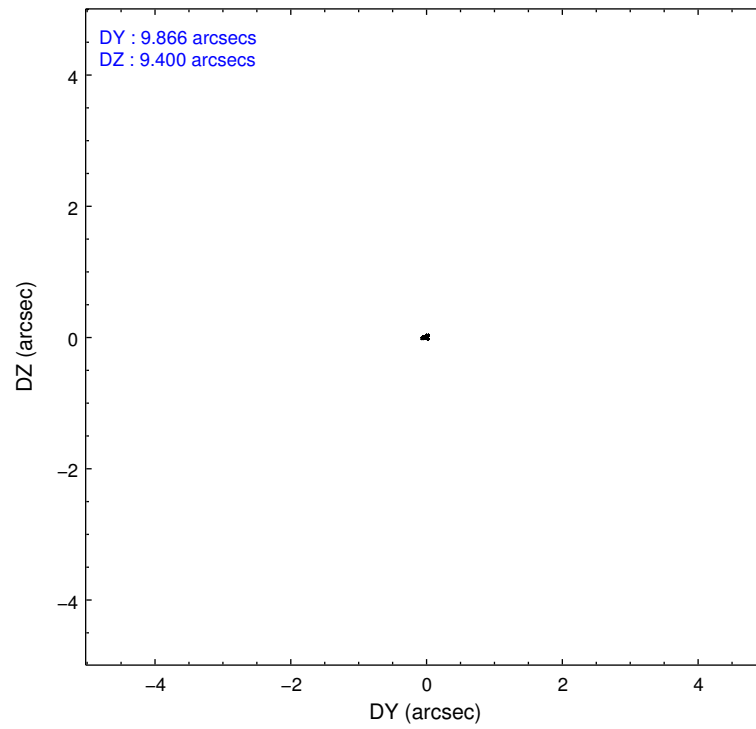
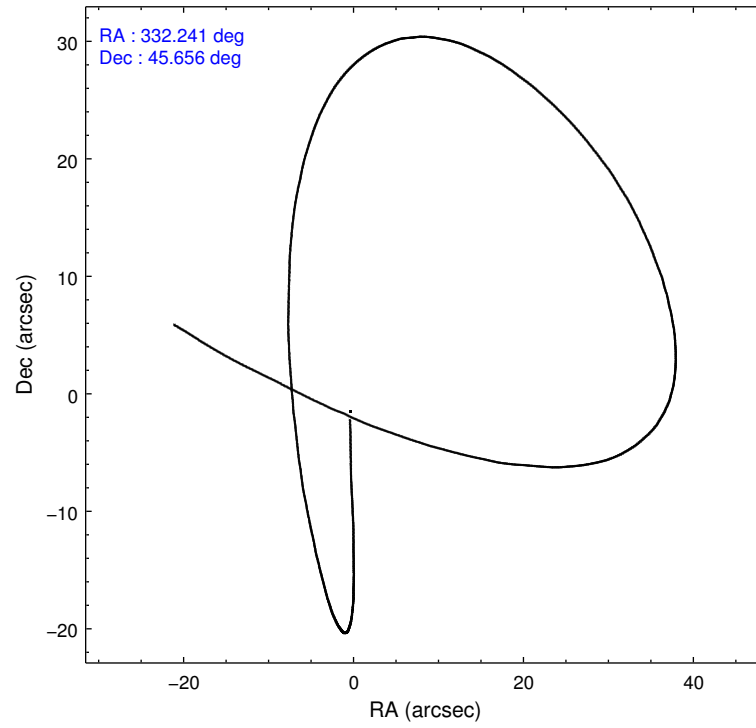
Level 1 Events

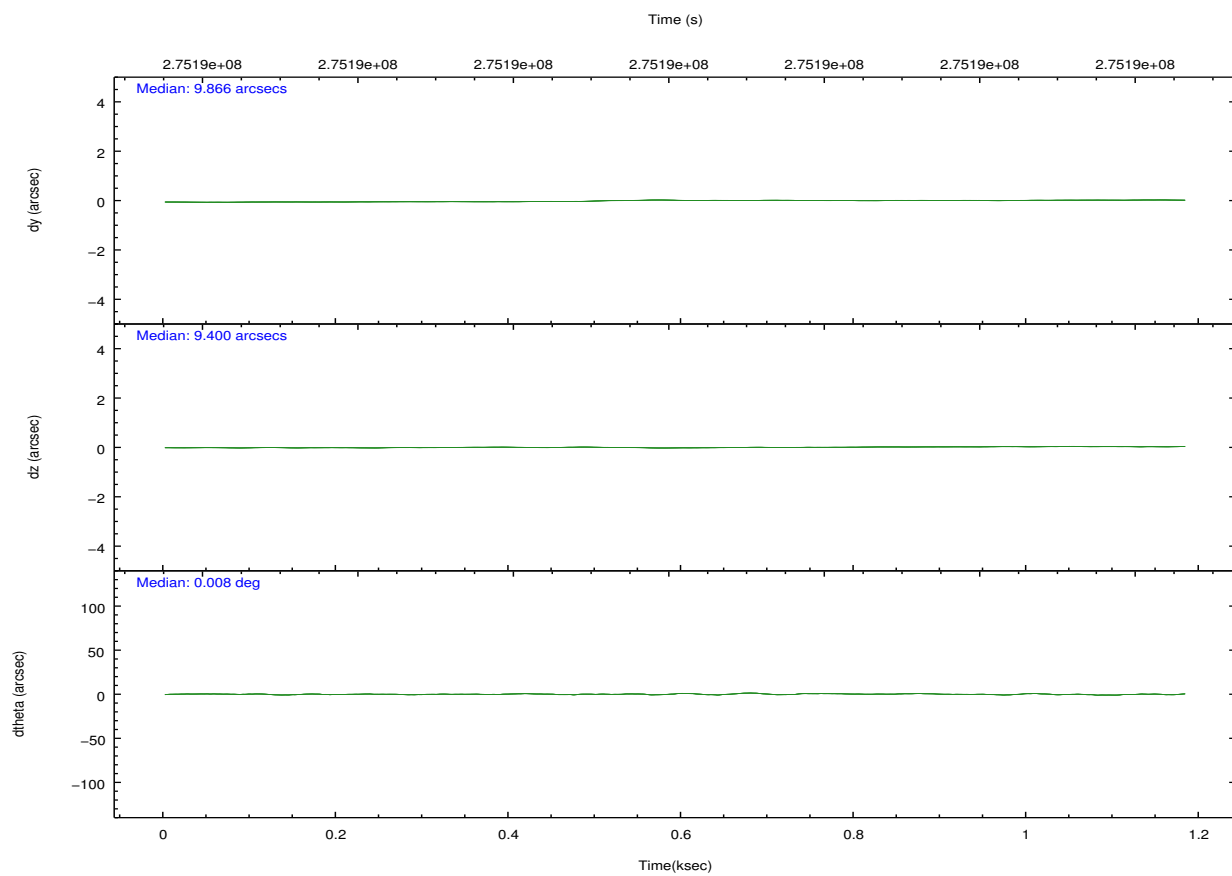
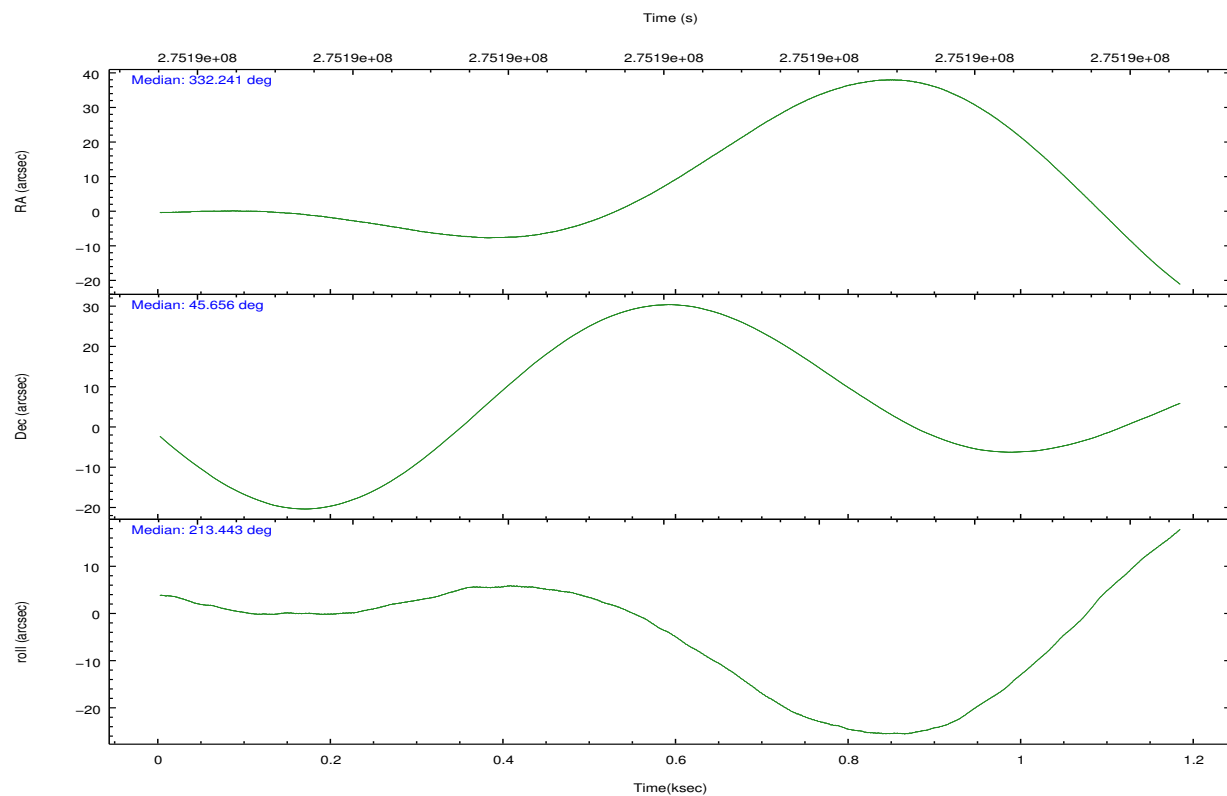
	segment 0
level 1 events	117517
rejected events	25427
rejected %	21%

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	332.259830	332.2438059553071			
[deg] Pointing Dec	45.682707	45.65708826116103			
[deg] Pointing Roll	213.525793	213.4417752141198			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.98297998999862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	275185402.184000	275185025.67656			
Observation start date	2006-09-21T00:22:17	2006-09-21T00:17:05			
[s] Observation end time (MET)	275186402.184000	275186535.50163			
Observation end date	2006-09-21T00:38:57	2006-09-21T00:42:15			

2.3 Aspect



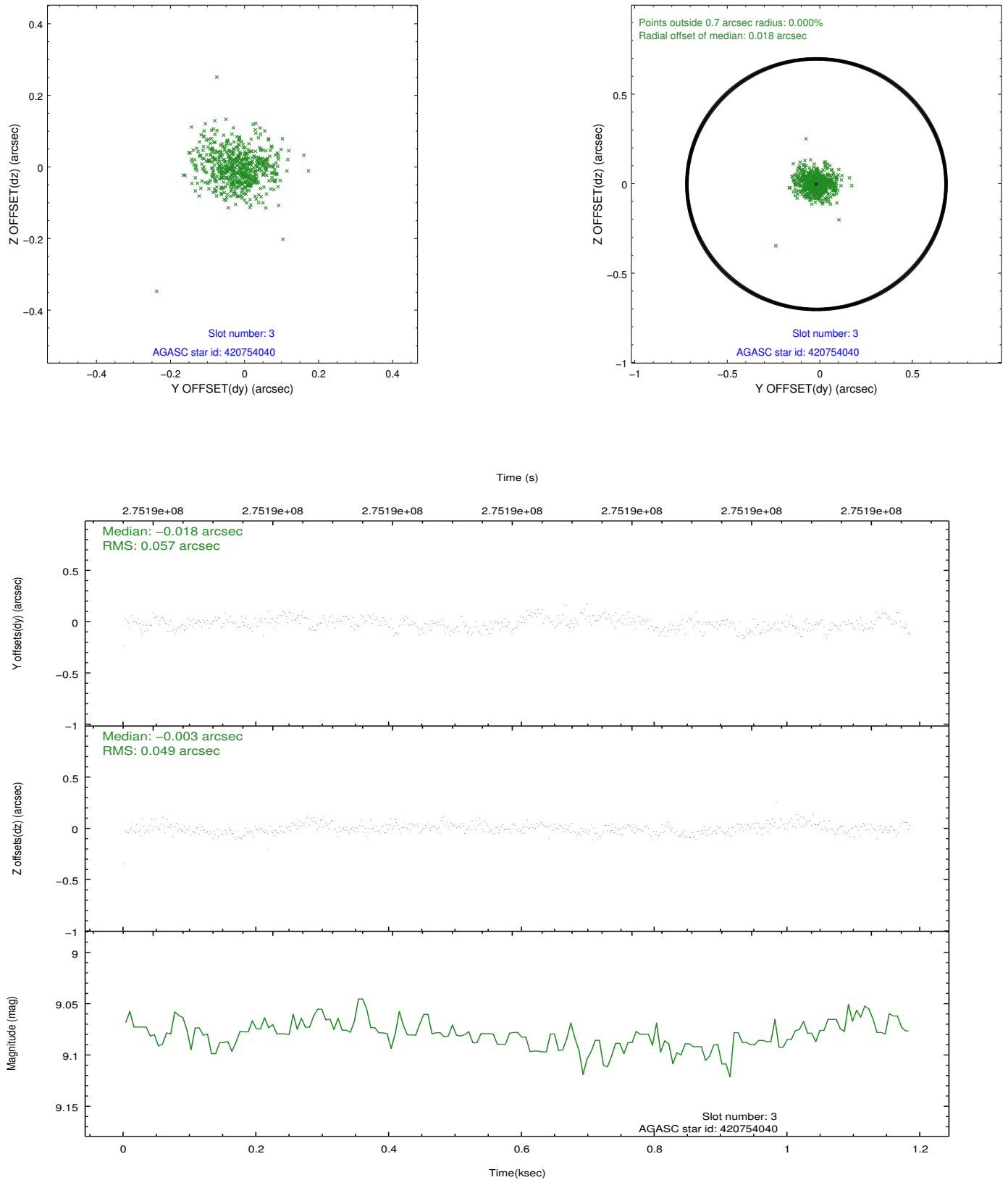


Slot Statistics

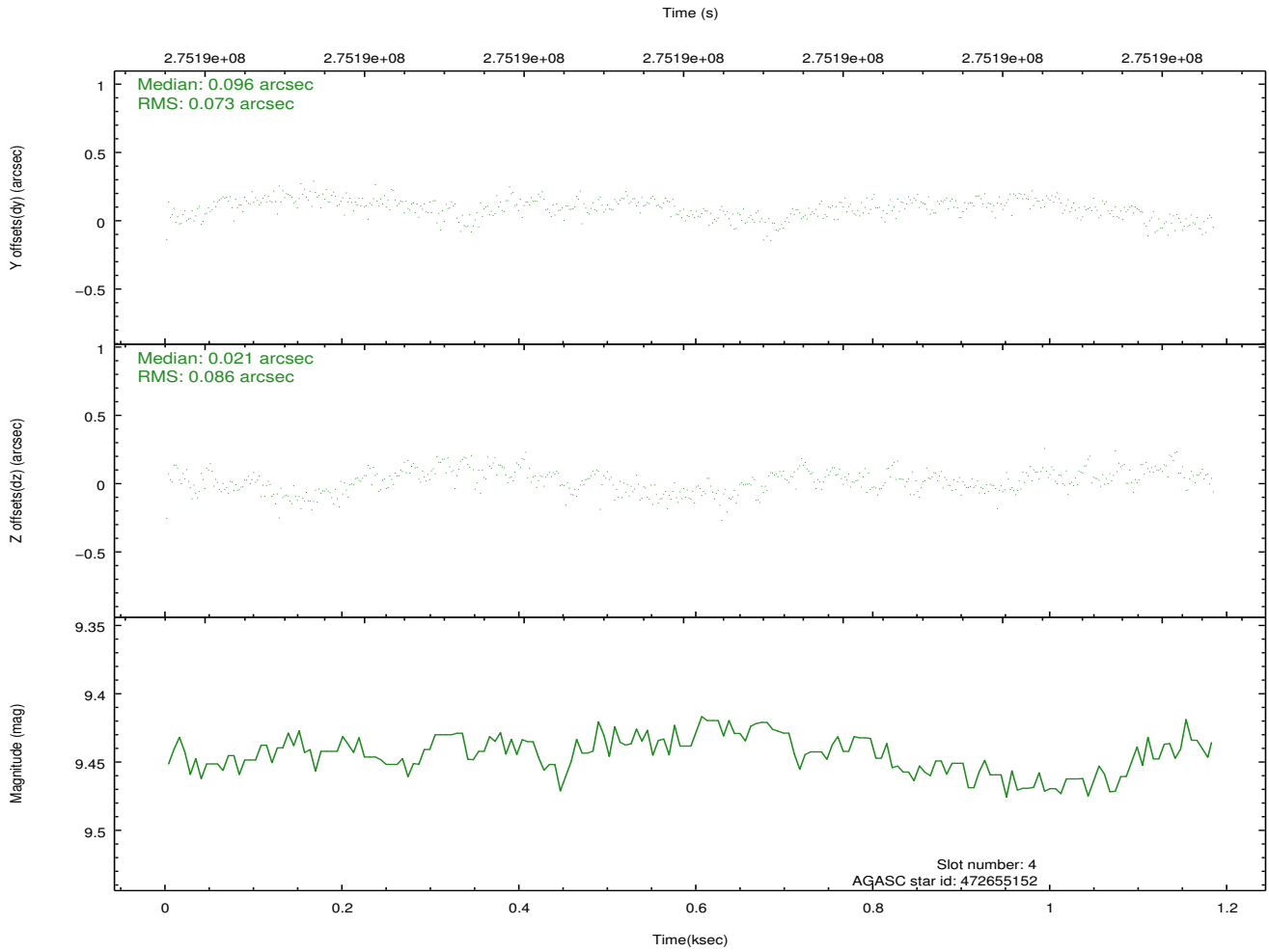
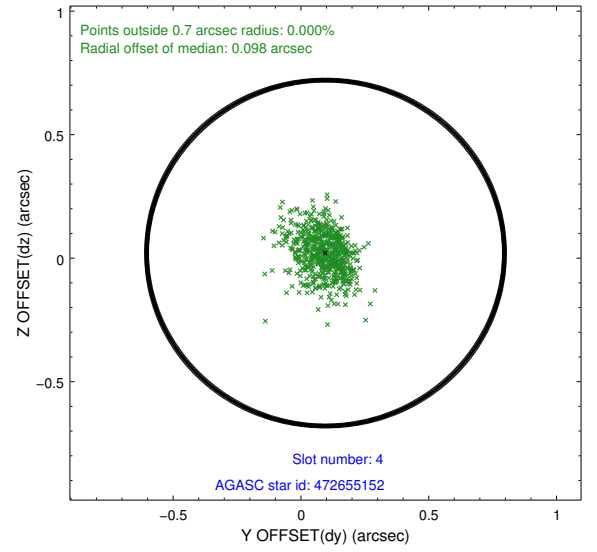
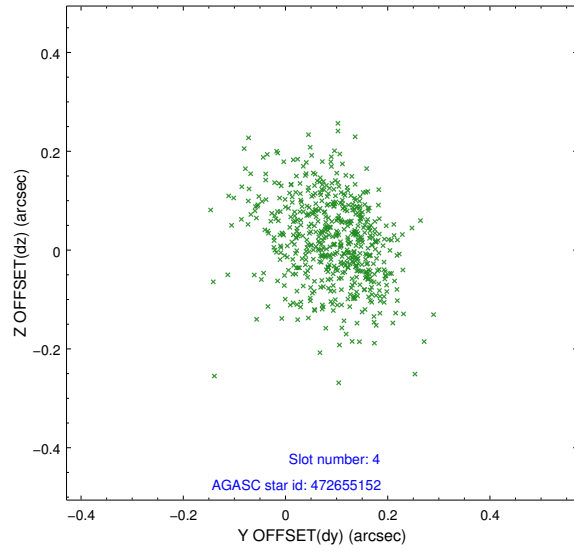
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	-0.018	0.042	0.008	0.011	0.000000	0.000000	-765.52	-1297.29
1	FID	HRC-I-2	7.01	289	0.130	-0.083	0.006	0.010	0.000000	0.000000	844.61	-1303.46
2	FID	HRC-I-3	7.06	289	0.006	-0.048	0.006	0.011	0.000000	0.000000	-1191.08	1002.67
3	GUIDE	420754040	9.08	578	-0.018	-0.003	0.079	0.128	331.917939	44.882543	2315.41	1914.58
4	GUIDE	472655152	9.44	578	0.096	0.021	0.117	0.208	332.504239	45.862991	-866.52	-203.87
5	GUIDE	472659832	9.47	578	0.030	0.086	0.099	0.163	332.780399	46.098139	-1913.99	-536.70
6	GUIDE	472665256	9.01	577	0.170	-0.034	0.092	0.156	332.808125	46.195041	-2164.32	-791.74
7	GUIDE	472525528	6.66	577	-0.279	-0.069	0.072	0.125	331.551102	45.248694	2351.18	298.50

2.4 Star Slots

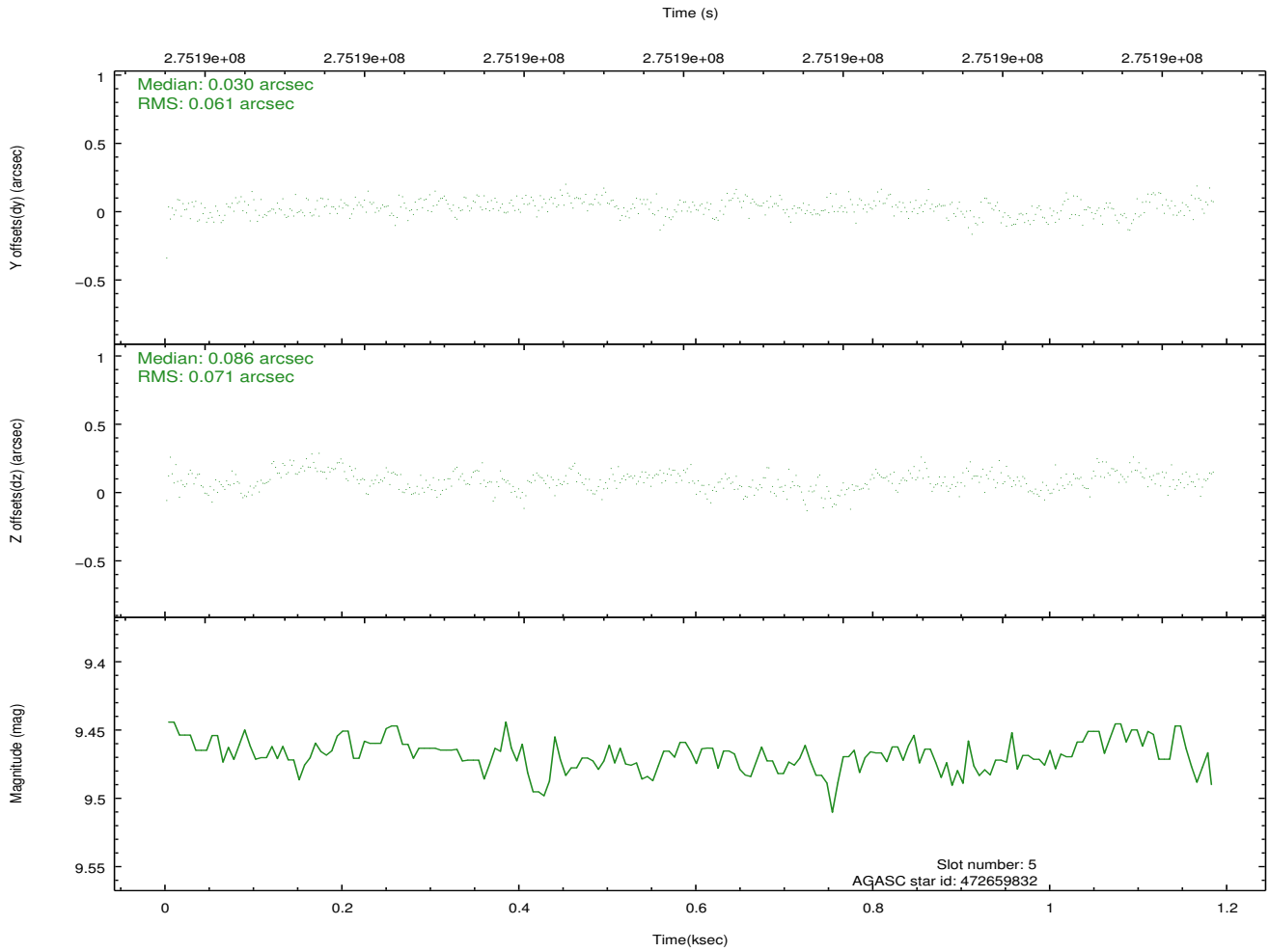
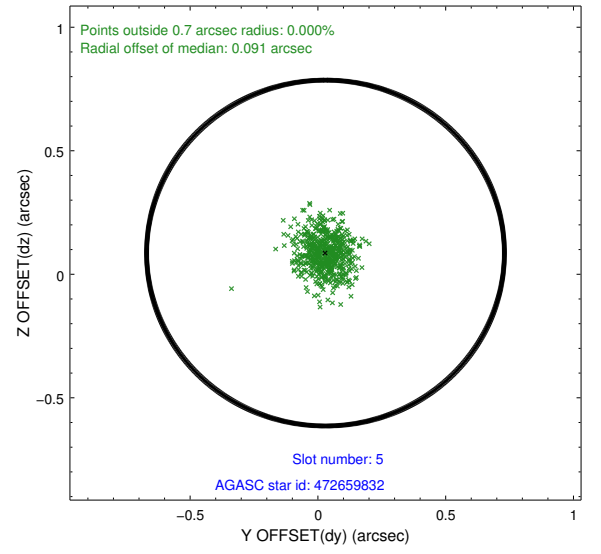
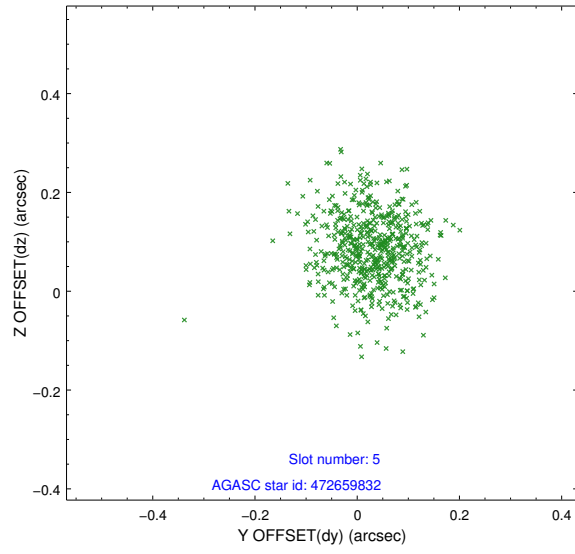
2.4.1 Slot 3



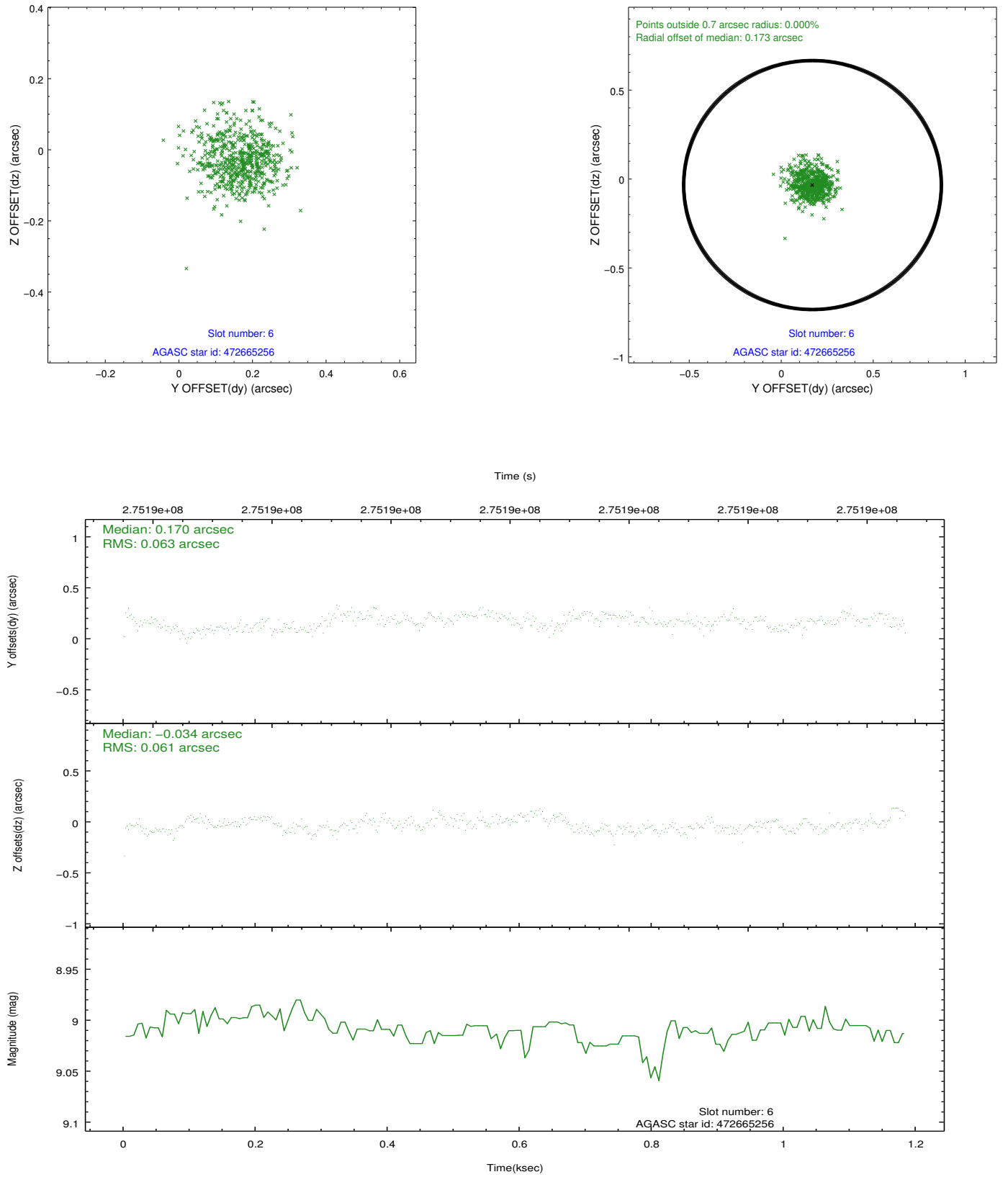
2.4.2 Slot 4



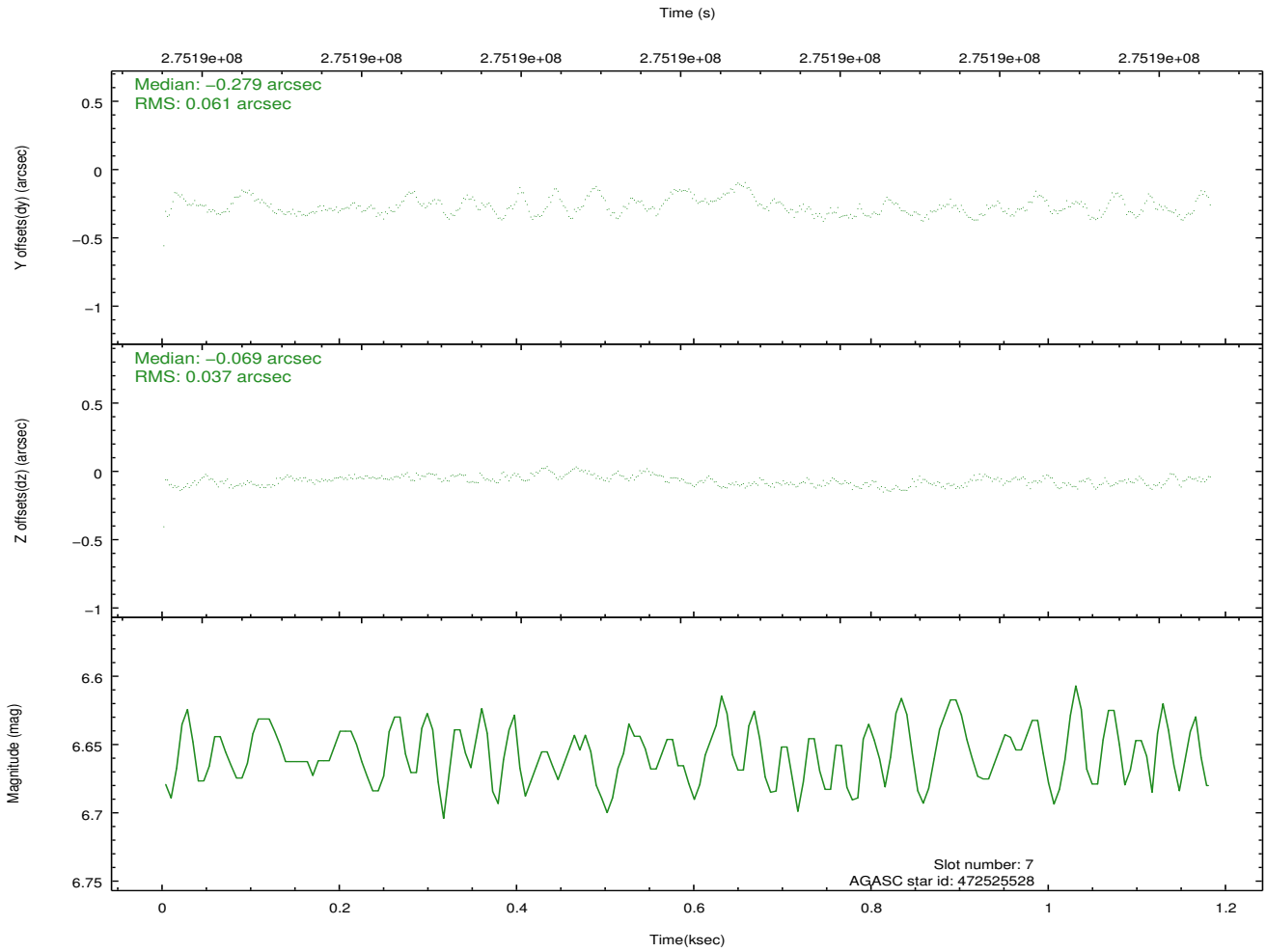
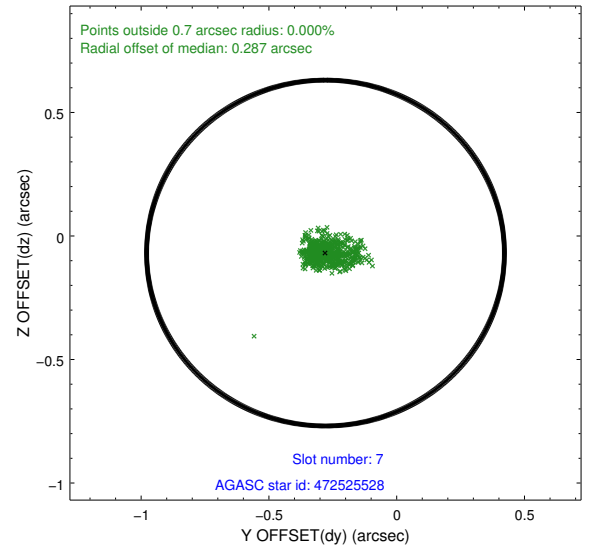
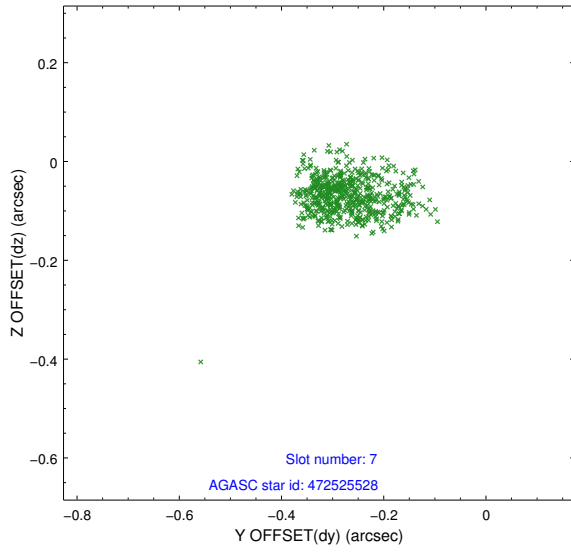
2.4.3 Slot 5



2.4.4 Slot 6

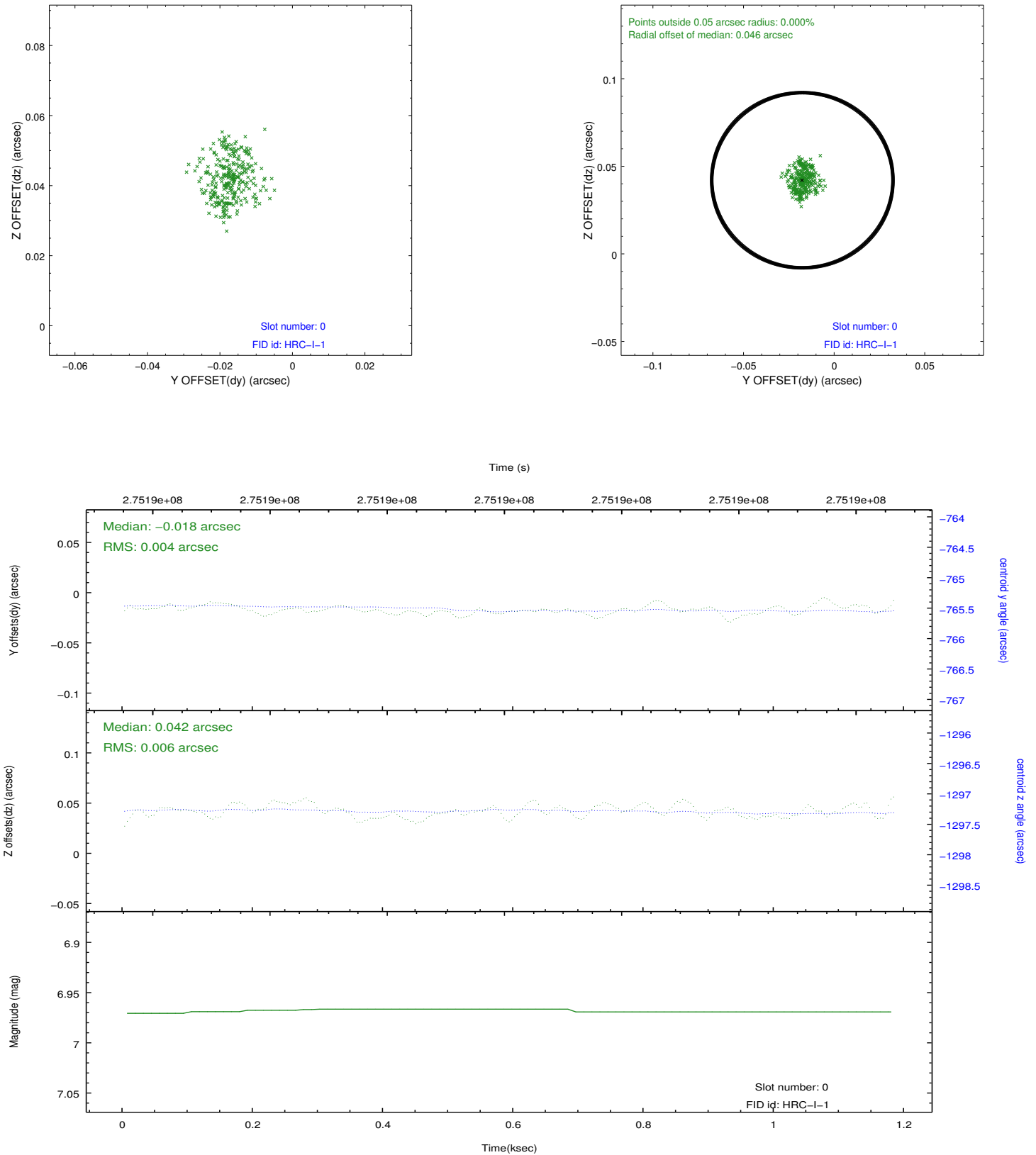


2.4.5 Slot 7

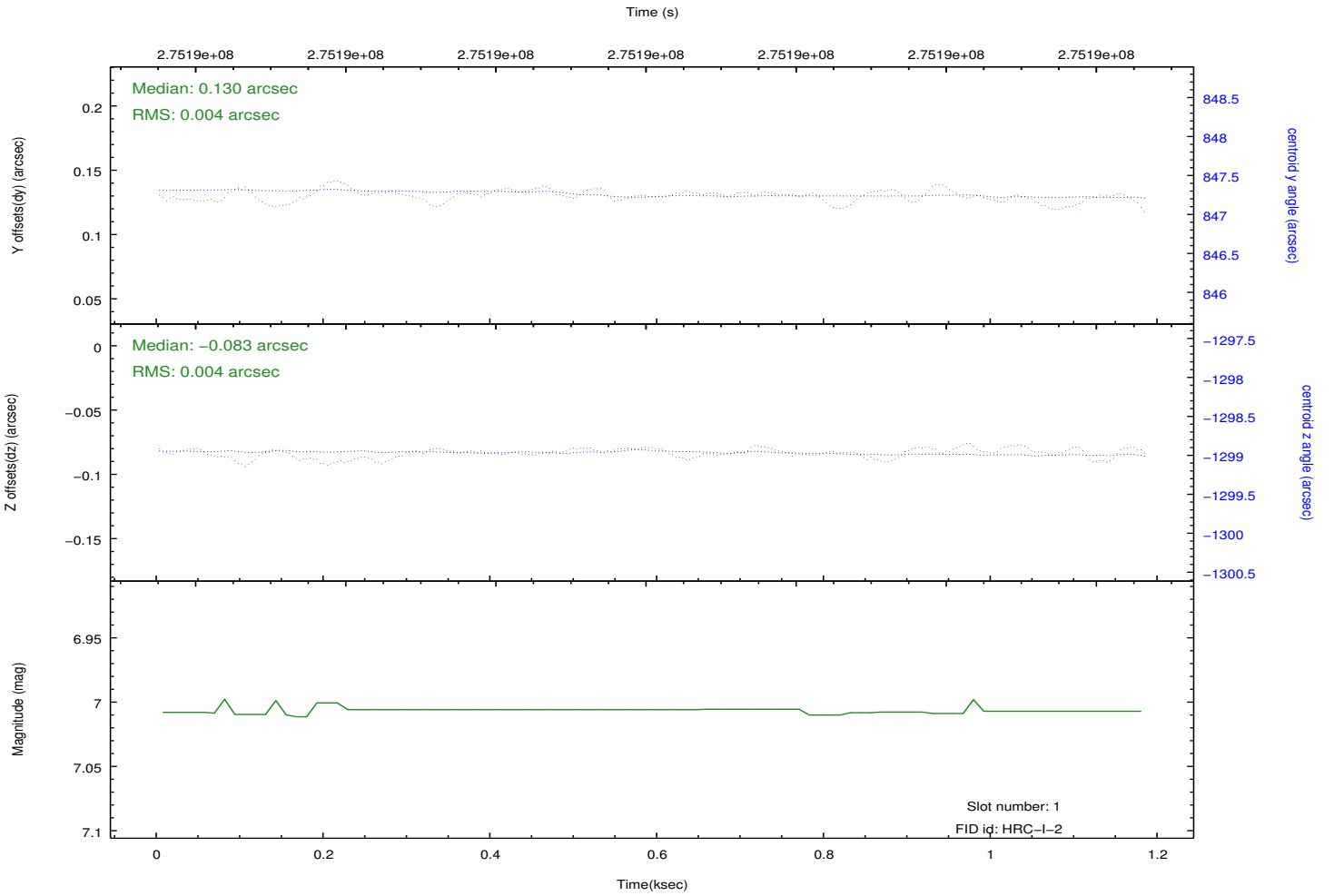
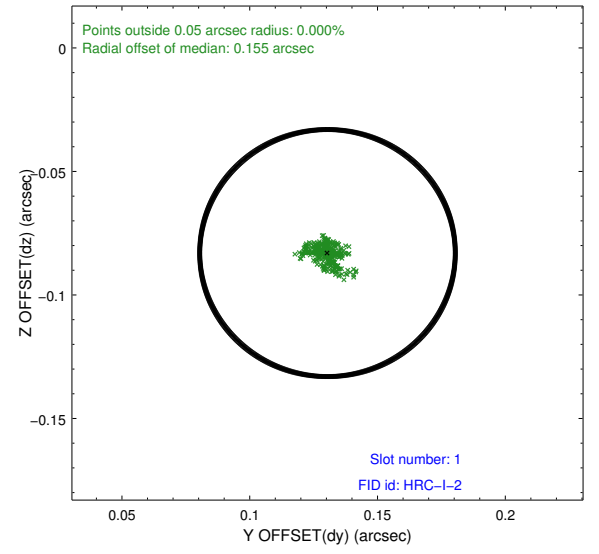
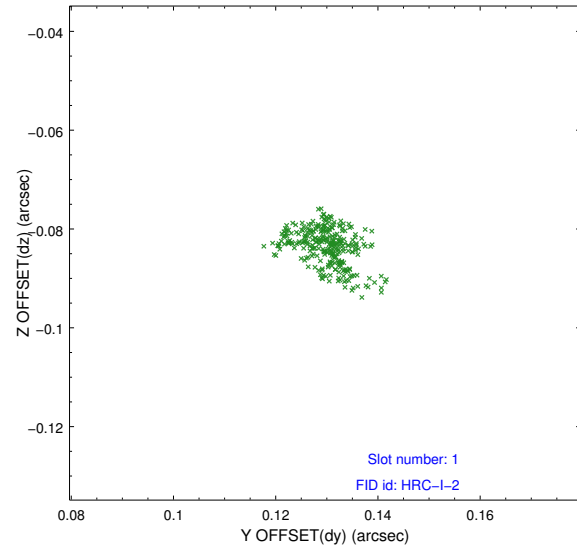


2.5 FID Slots

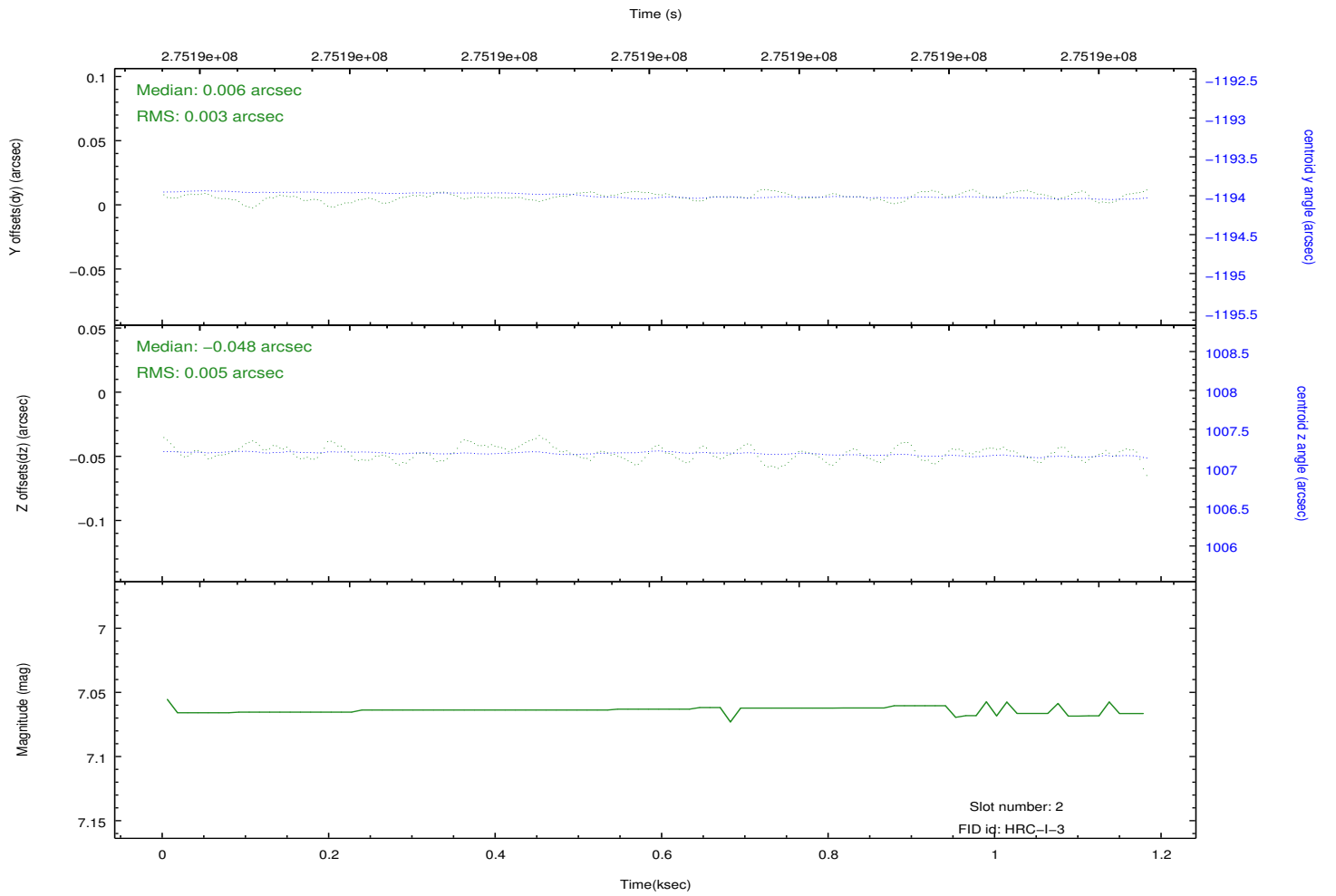
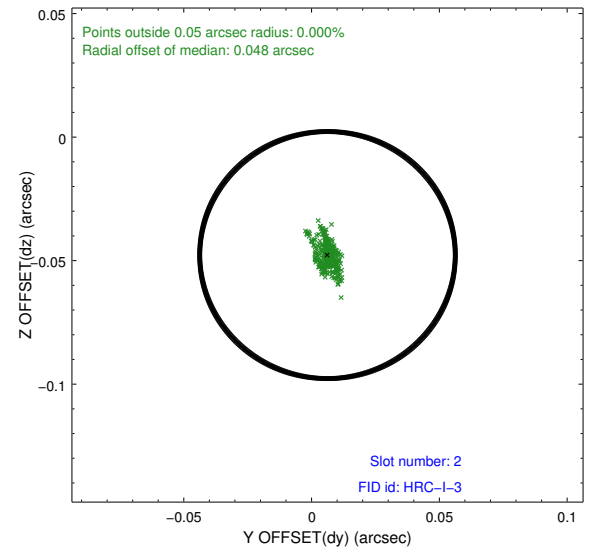
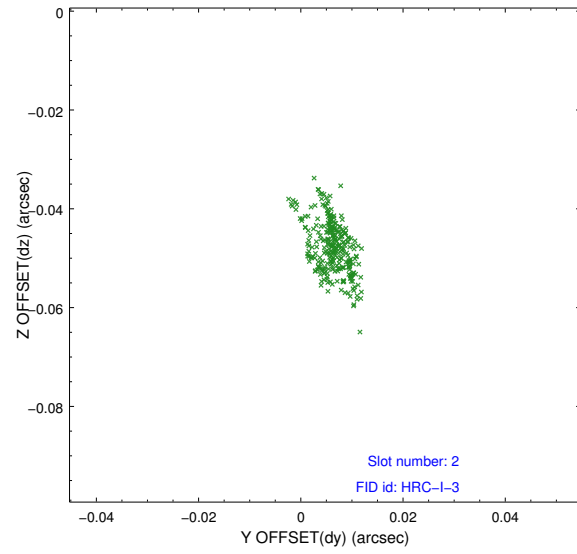
2.5.1 Slot 0



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	1.1820813

A.2 Comments