

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13062 - L2 Version 3
Chandra X-Ray Center

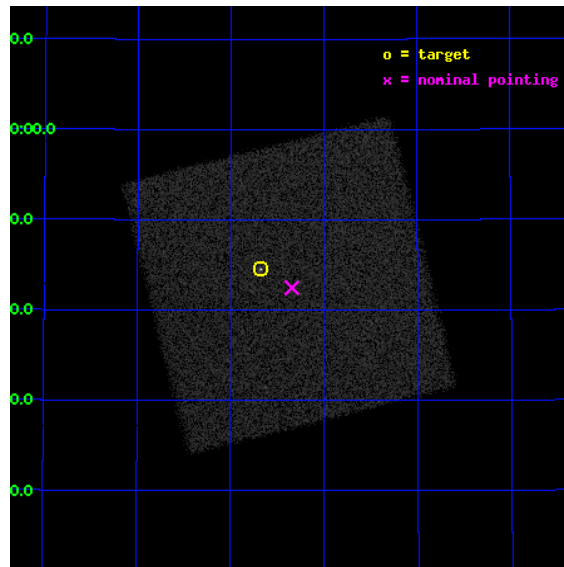
L2 Processing Date : Jul 27 2012

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1 Front

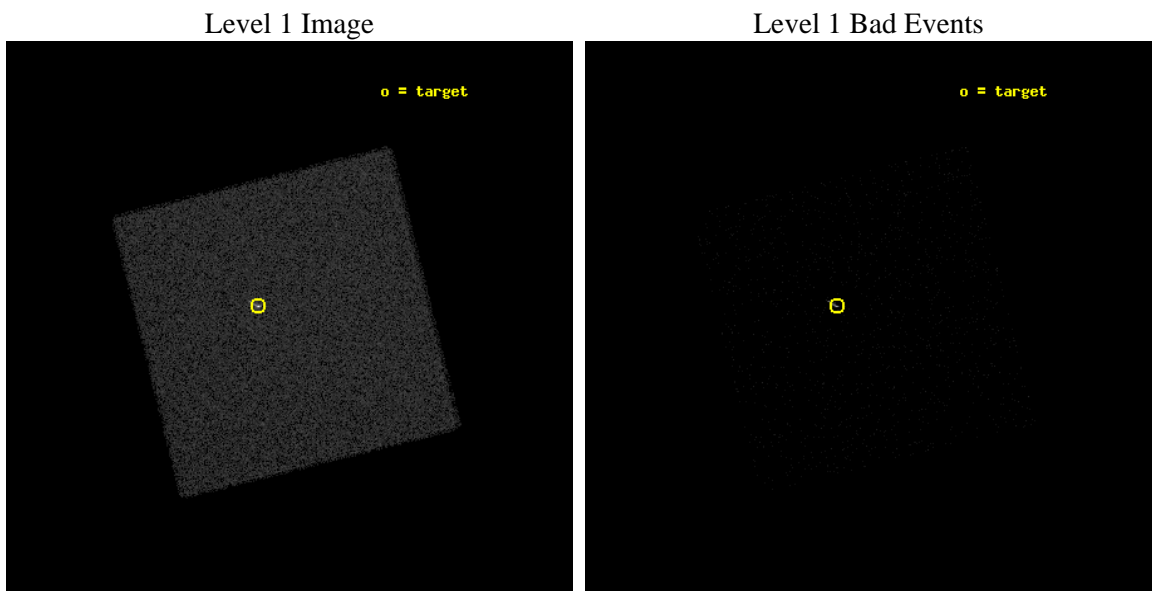
seq_num	290981	Sequence number
obs_id	13062	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.08635993425	Nominal RA [deg]
dec_nom	45.708091246587	Nominal Dec [deg]
roll_nom	210.97074421372	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1180.0313118696	[s]
livetime	1168.692315768	Ontime multiplied by DTCOR
l2events	82658	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	1180.0313118696	[s]
caldbver	4.5.1	 	l1events	144938	Number of level 1 events
date	2012-07-28T02:24:40	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

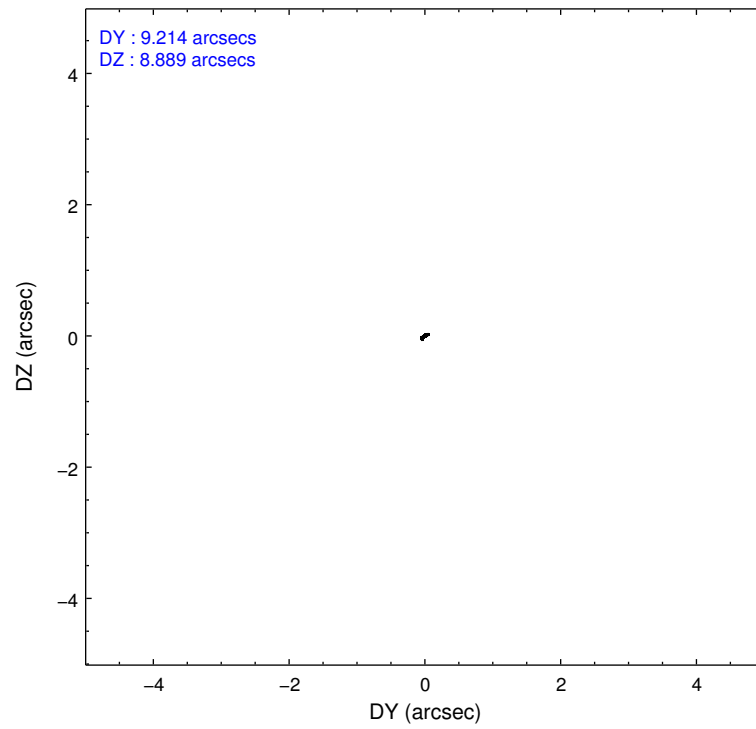
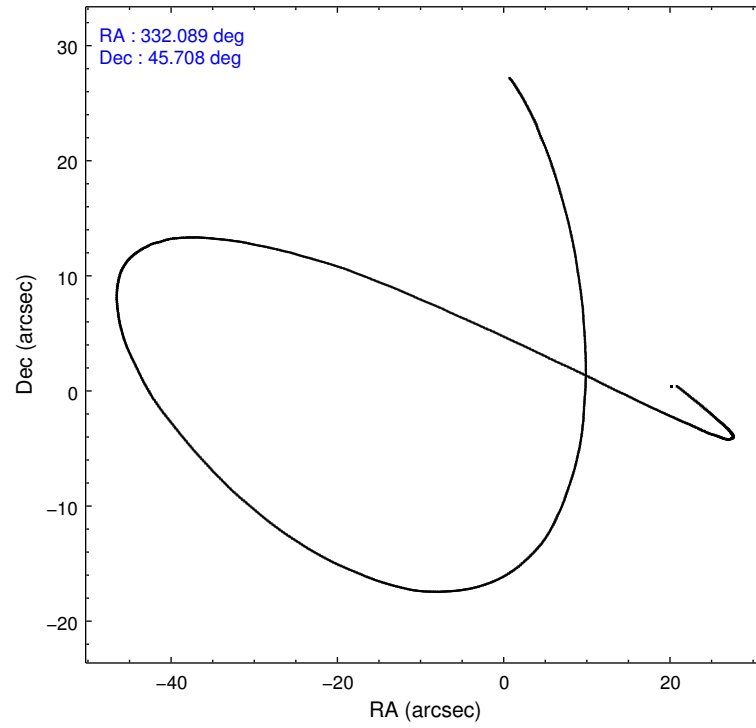
	segment 0
level 1 events	144938
rejected events	31792
rejected %	21%

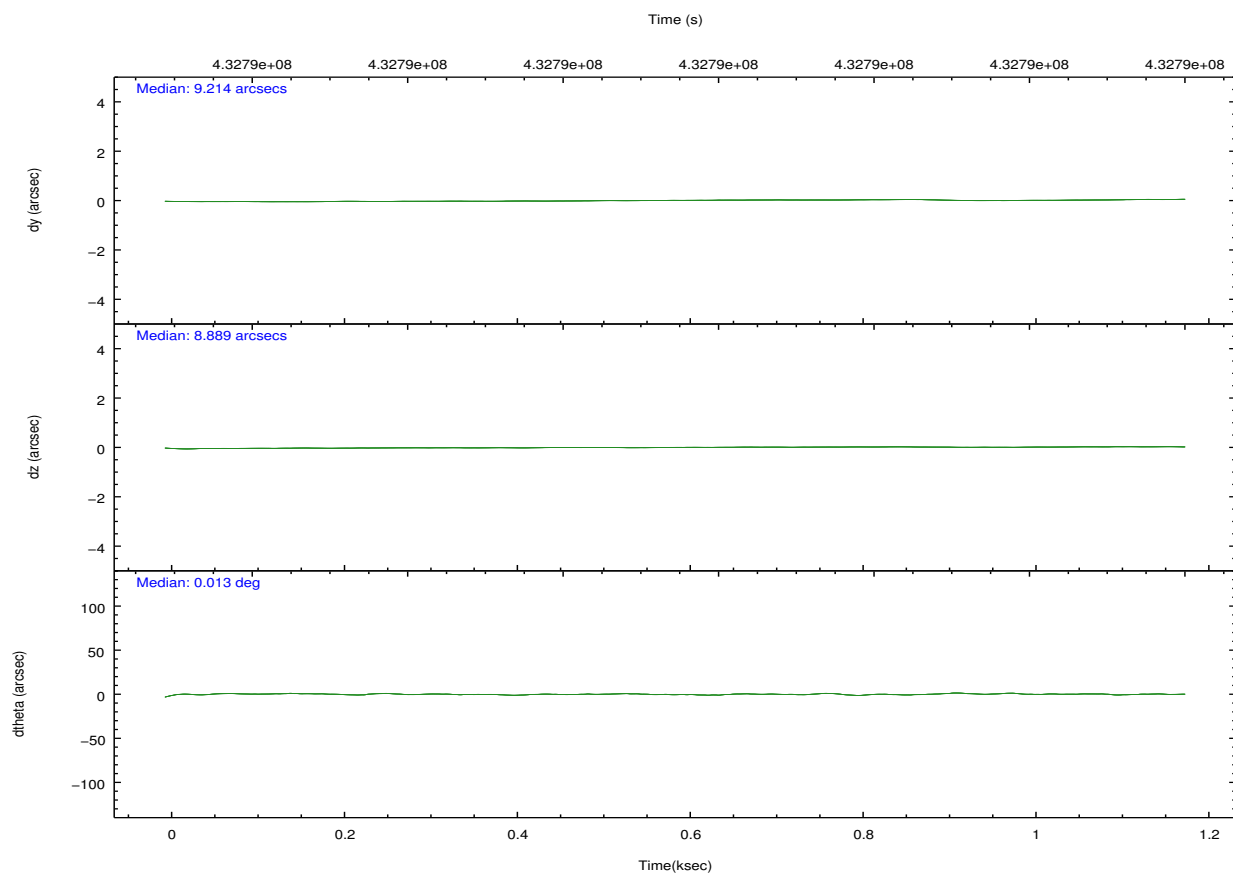
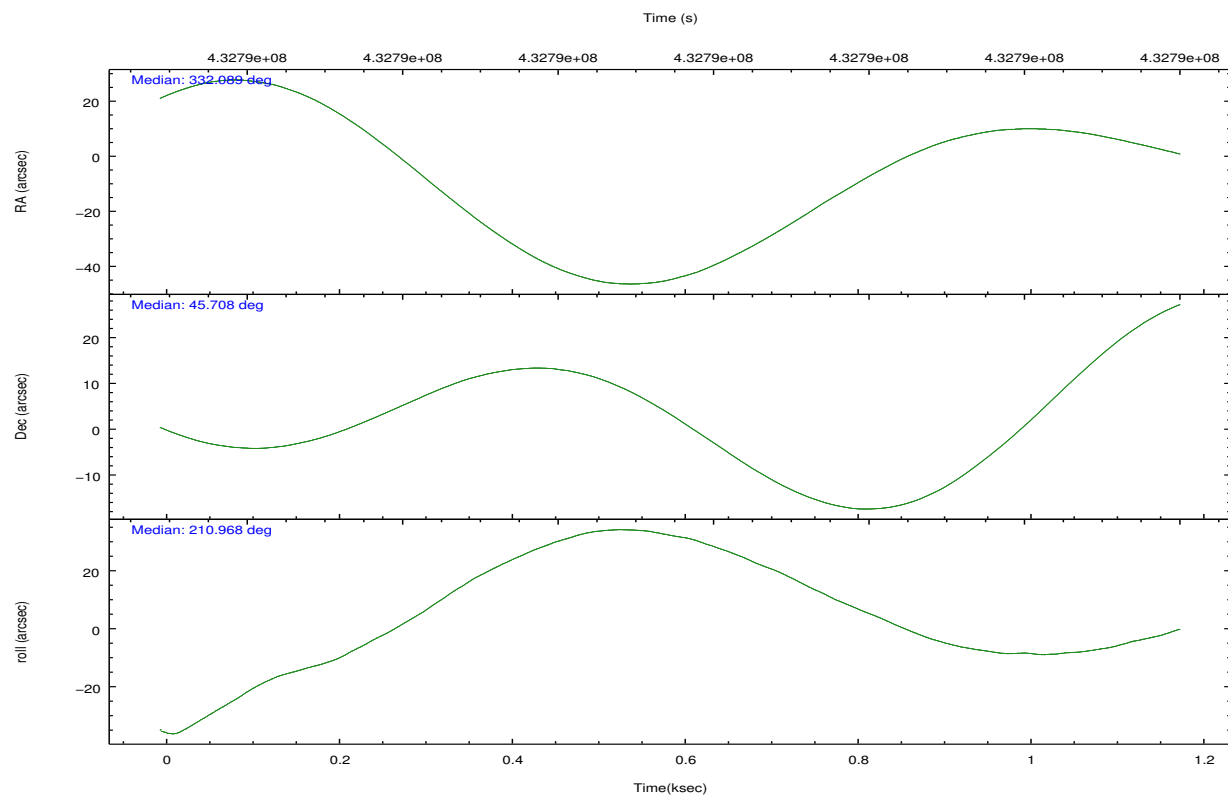
2.2 Compared Parameters

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	332.103385	332.0863599342468
[deg] Pointing Dec	45.732619	45.70809124658745
[deg] Pointing Roll	211.054109	210.9707442137208
[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)	432790925.184000	432790549.39877
Observation start date	2011-09-19T03:40:59	2011-09-19T03:35:49
[s] Observation end time (MET)	432791925.184000	432792059.73635
Observation end date	2011-09-19T03:57:39	2011-09-19T04:00:59

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

2.3 Aspect



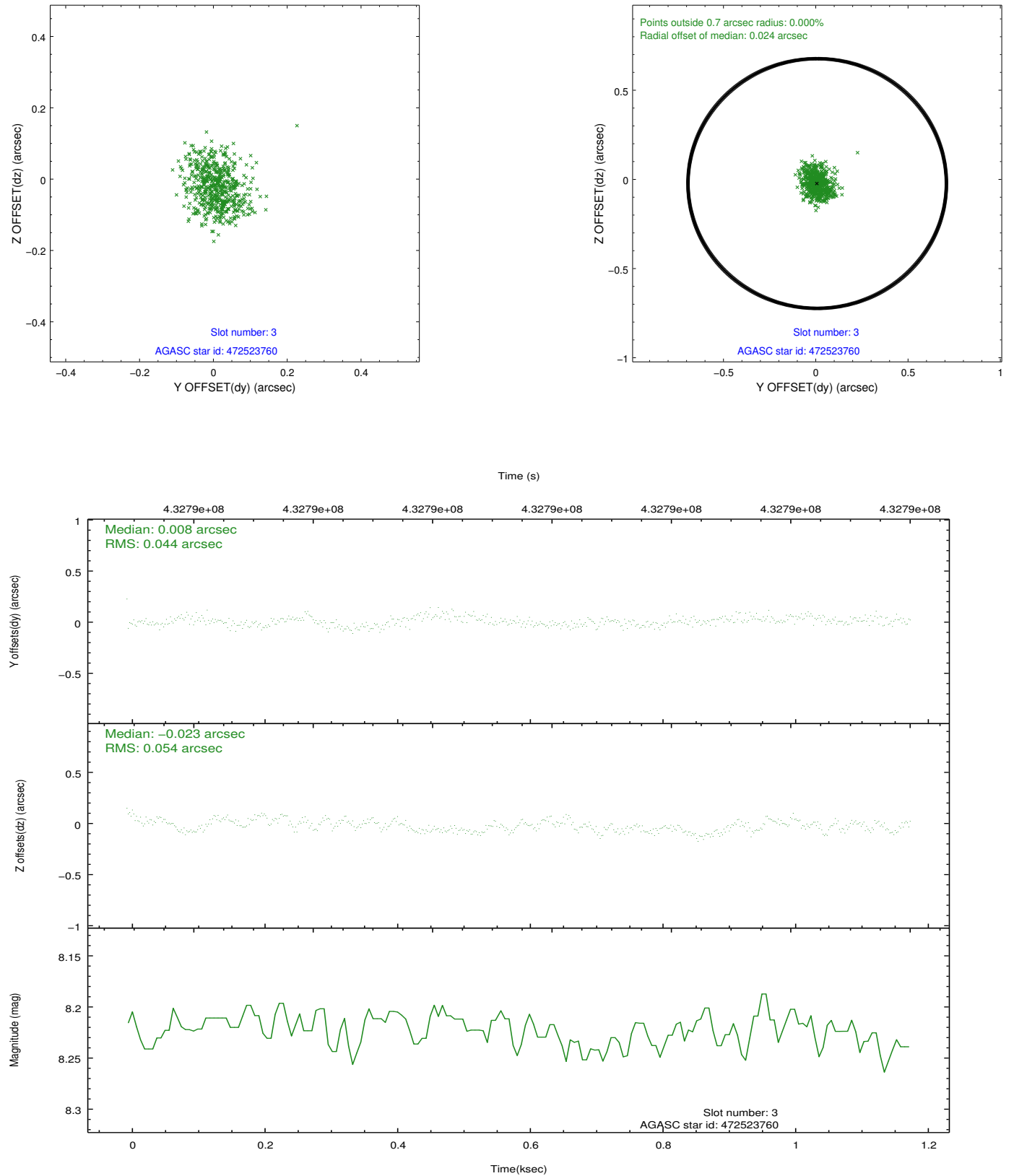


Slot Statistics

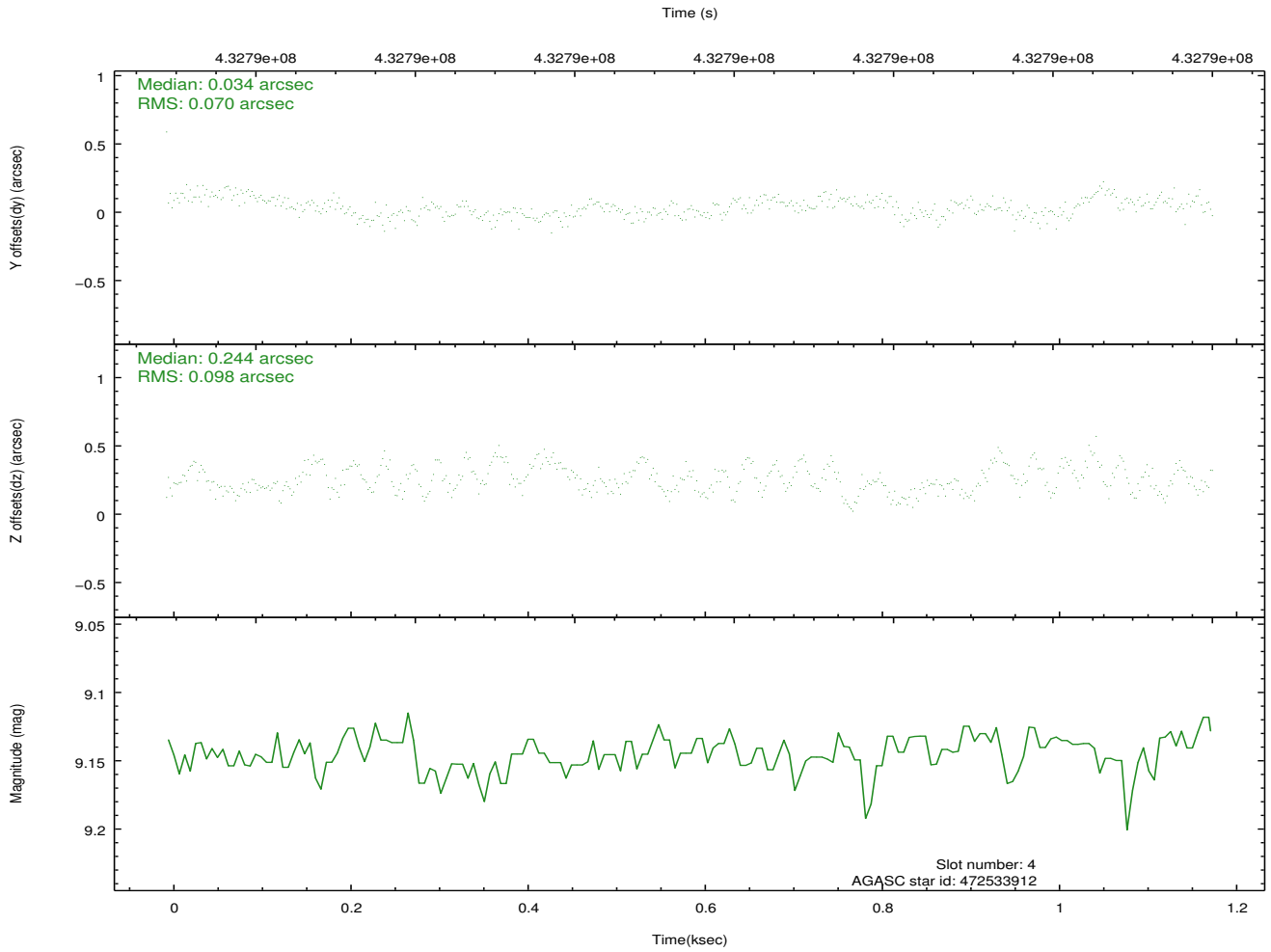
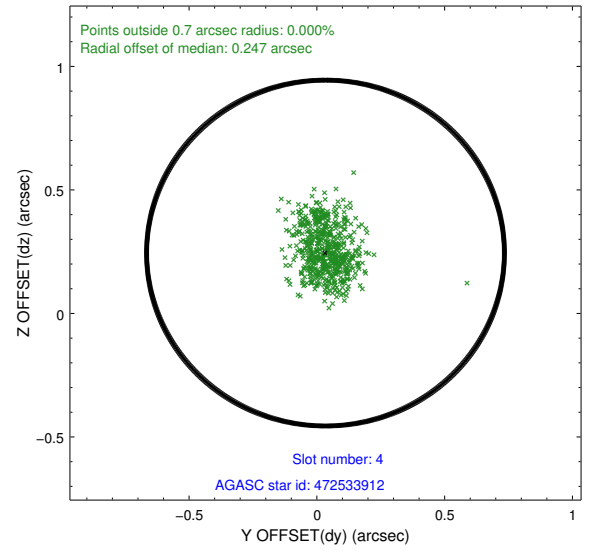
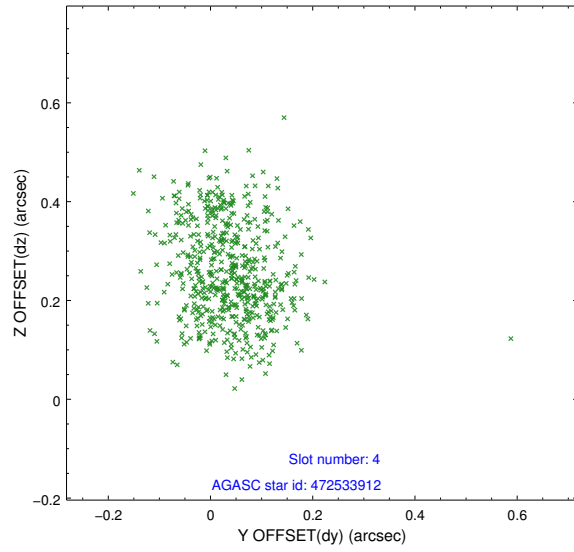
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	288	-0.090	-0.014	0.005	0.010	0.000000	0.000000	-765.04	-1296.74
1	FID	HRC-I-2	6.99	288	0.174	-0.086	0.007	0.011	0.000000	0.000000	845.19	-1303.00
2	FID	HRC-I-4	6.96	288	0.032	0.009	0.005	0.010	0.000000	0.000000	1280.97	1000.78
3	GUIDE	472523760	8.22	576	0.008	-0.023	0.075	0.116	331.645363	45.403260	1603.77	413.18
4	GUIDE	472533912	9.15	577	0.034	0.244	0.132	0.200	331.791136	46.368695	-512.78	-2364.70
5	GUIDE	472651904	6.08	577	-0.102	-0.230	0.082	0.146	332.170077	45.742257	-160.35	48.98
6	GUIDE	472655152	9.41	577	0.040	-0.004	0.122	0.219	332.504239	45.862991	-1102.66	111.80
7	GUIDE	420754040	9.05	576	0.007	0.025	0.098	0.154	331.917939	44.882543	1982.21	2375.26

2.4 Star Slots

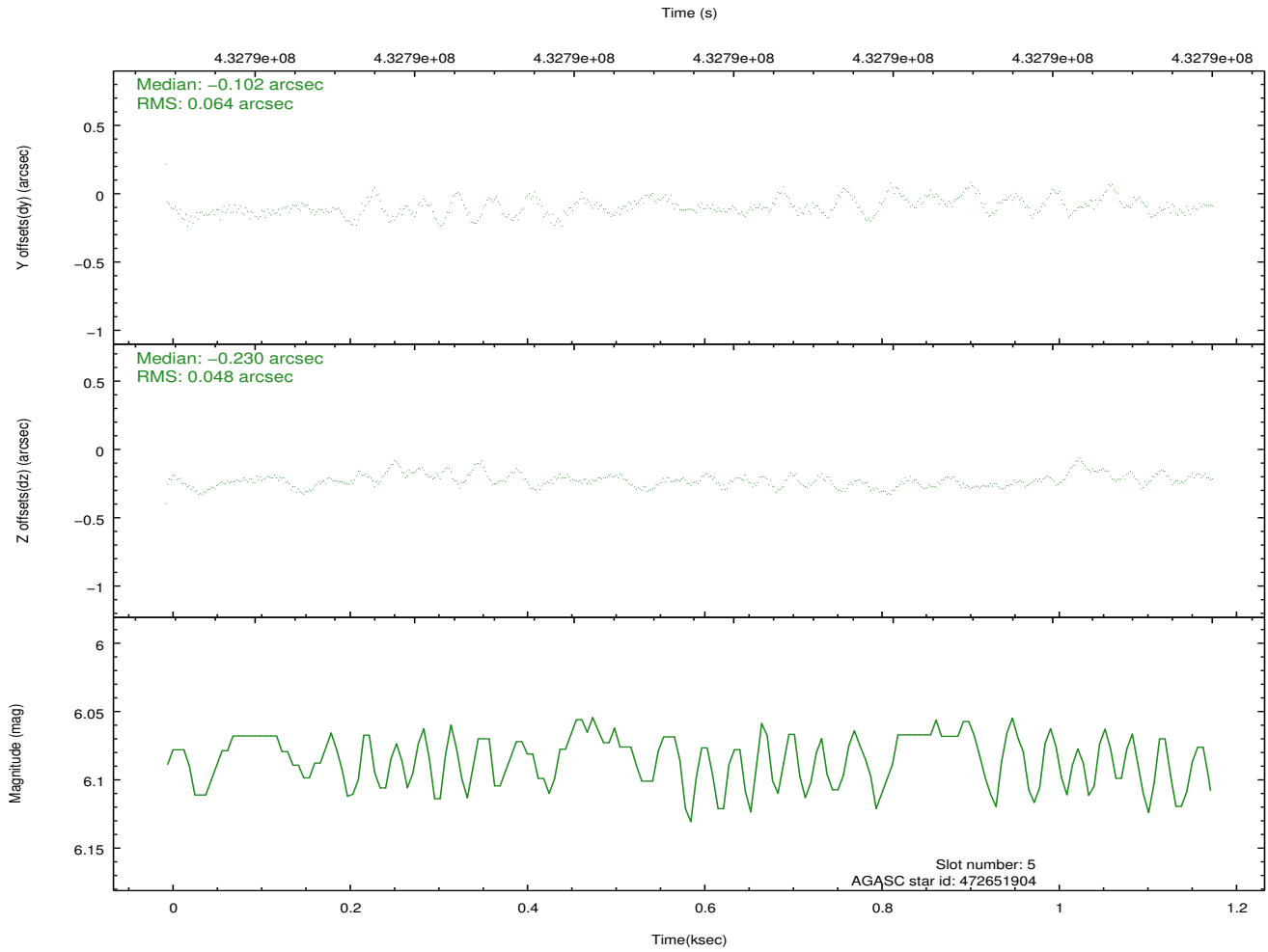
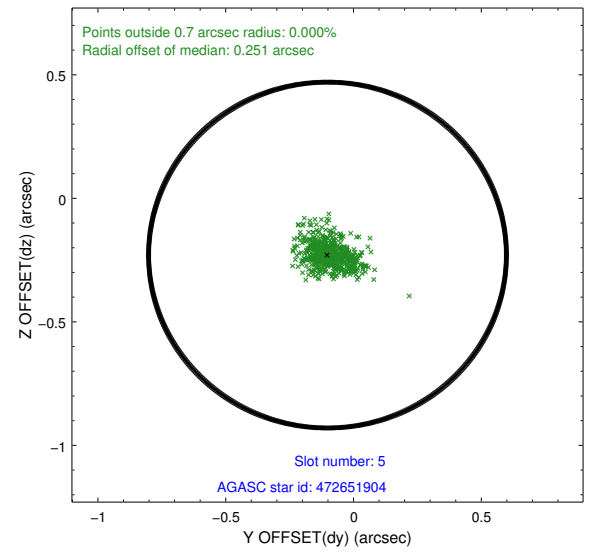
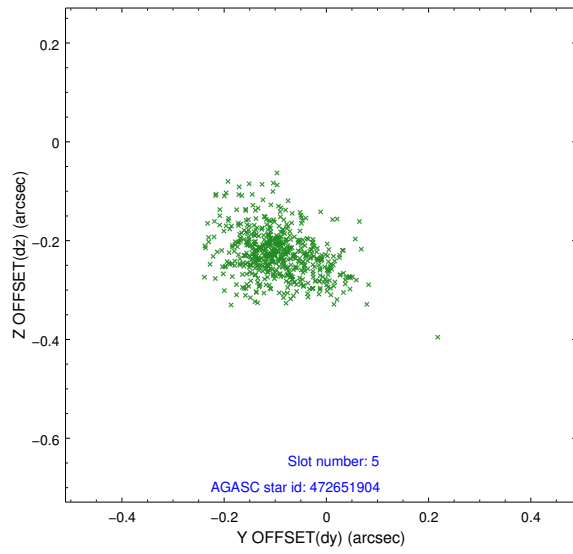
2.4.1 Slot 3



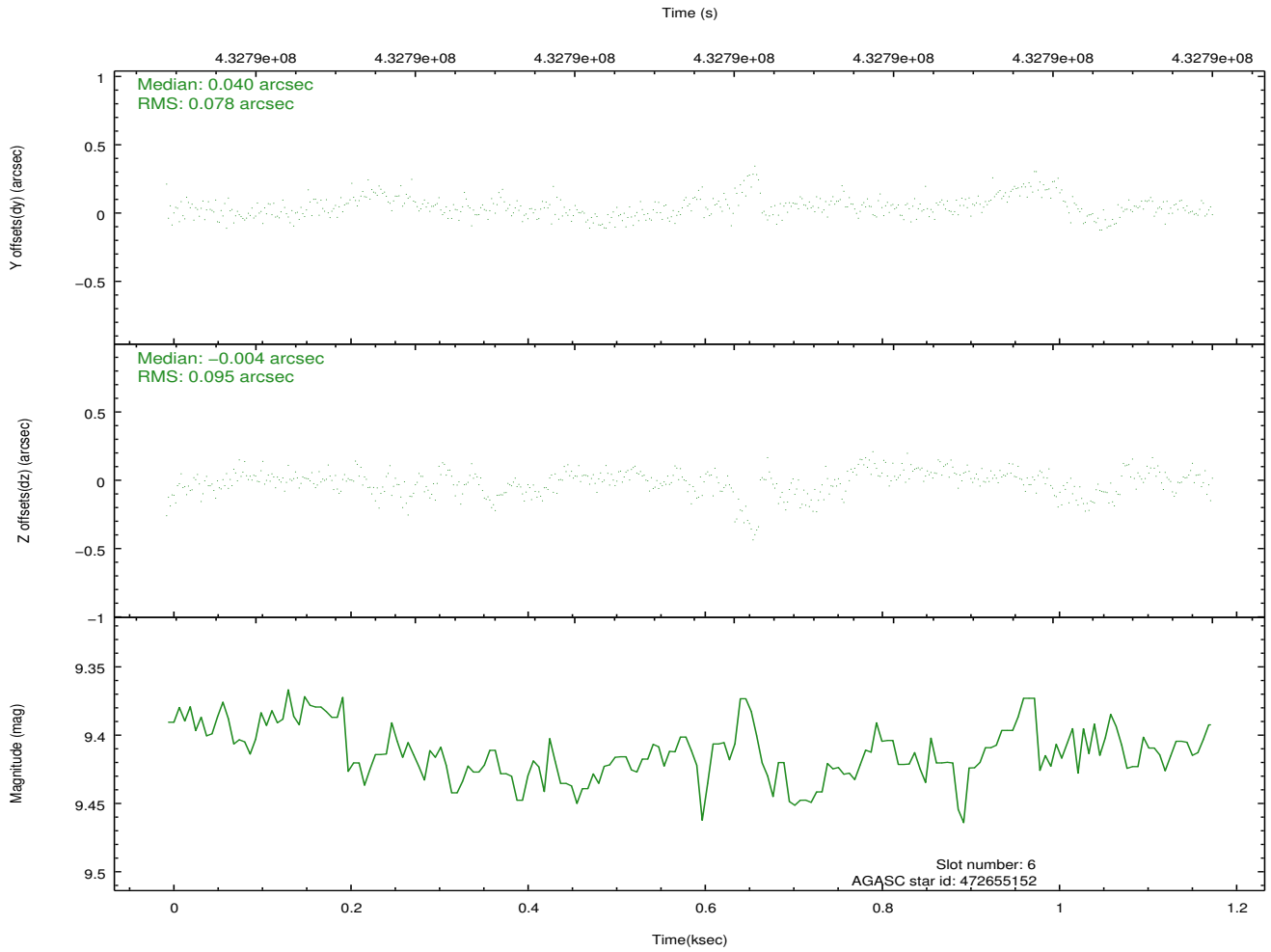
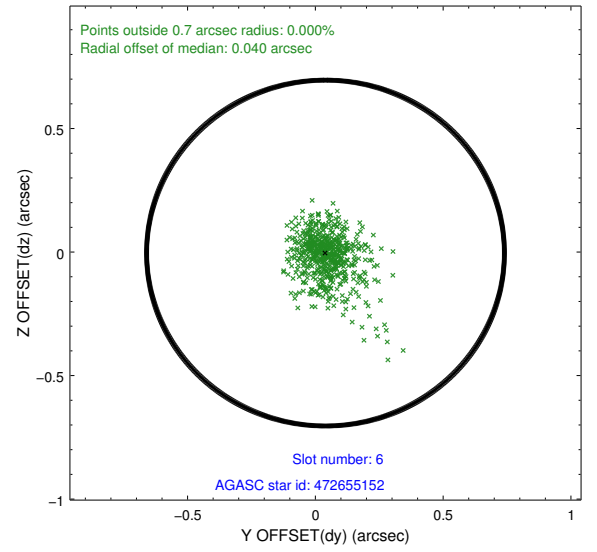
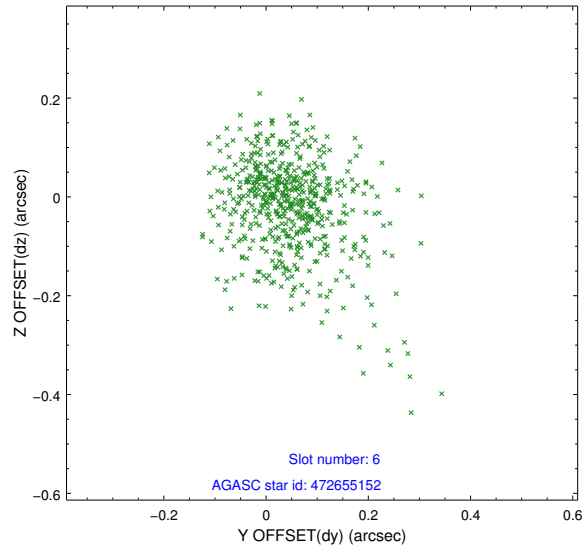
2.4.2 Slot 4



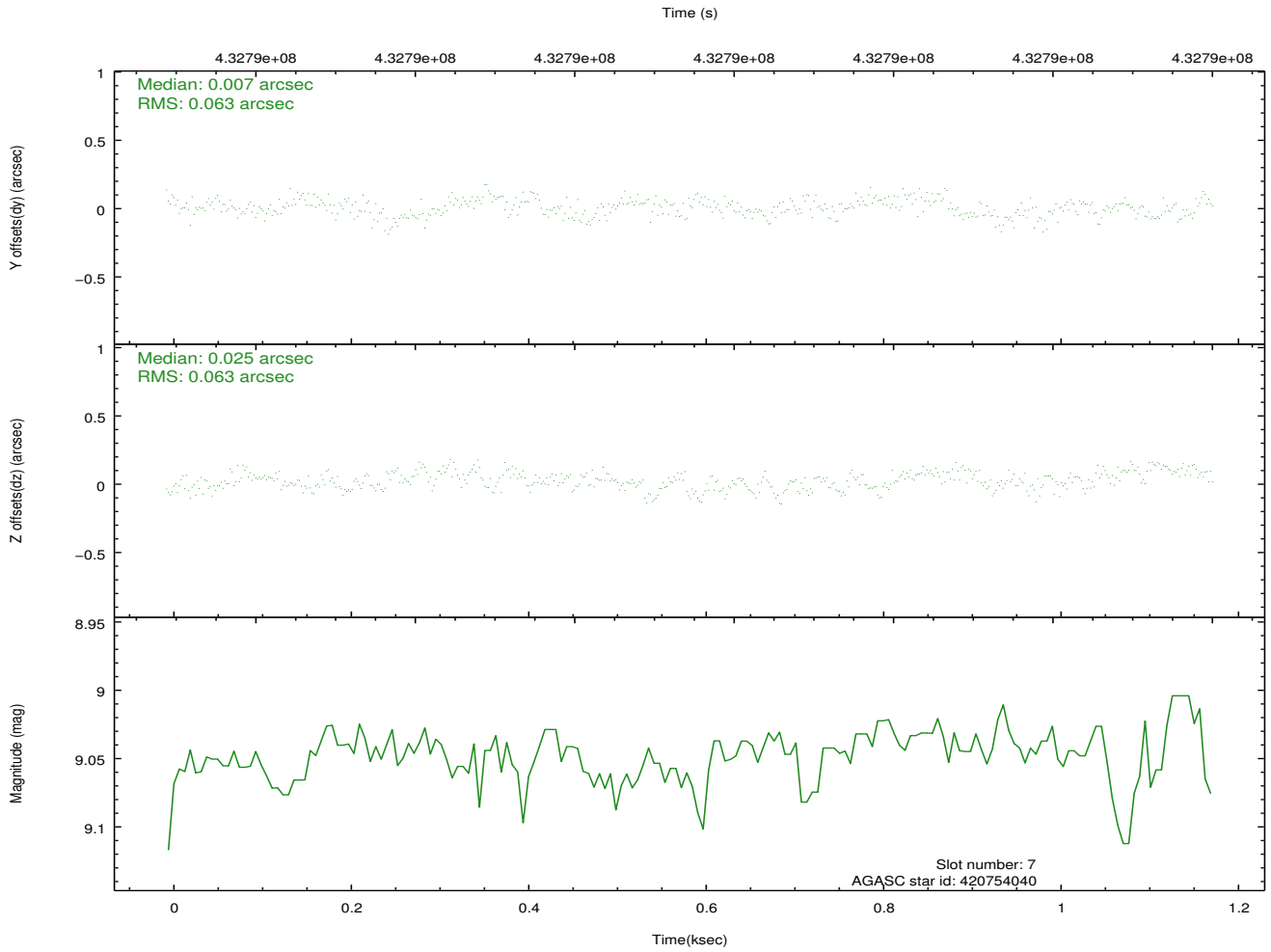
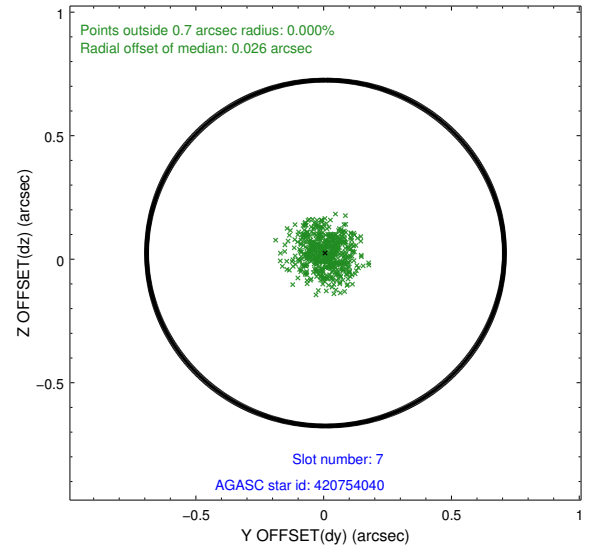
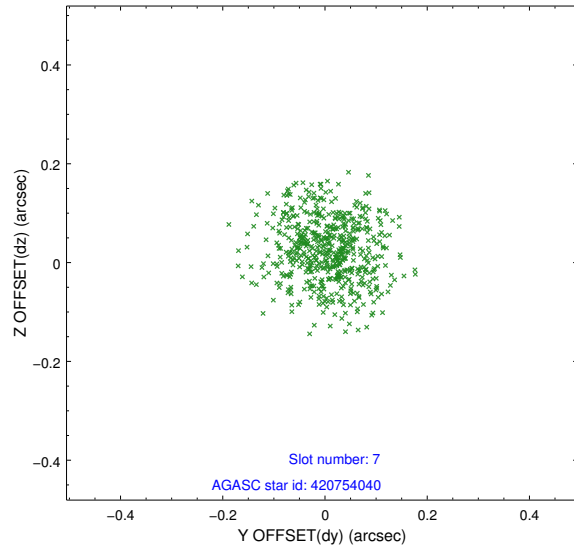
2.4.3 Slot 5



2.4.4 Slot 6

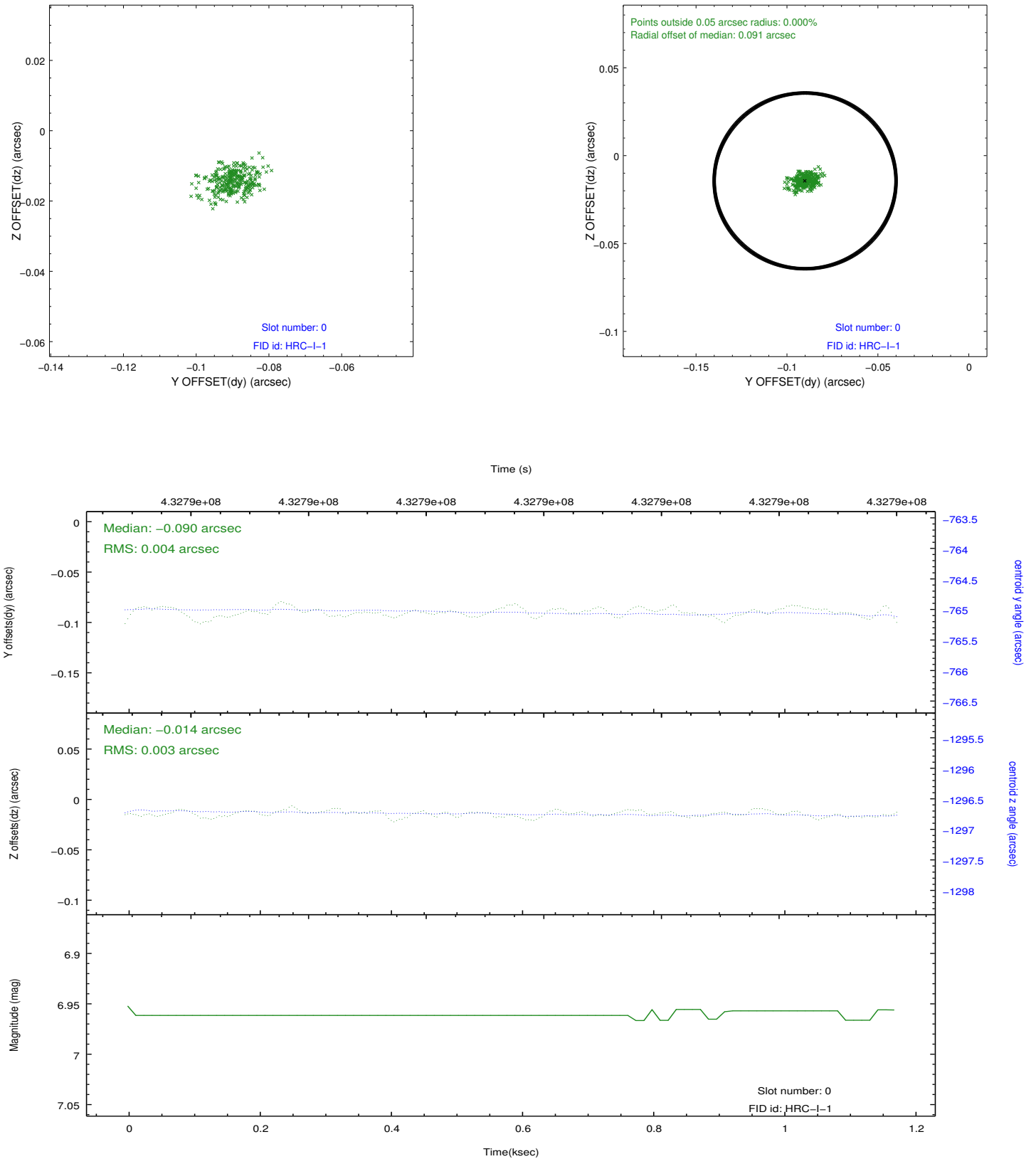


2.4.5 Slot 7

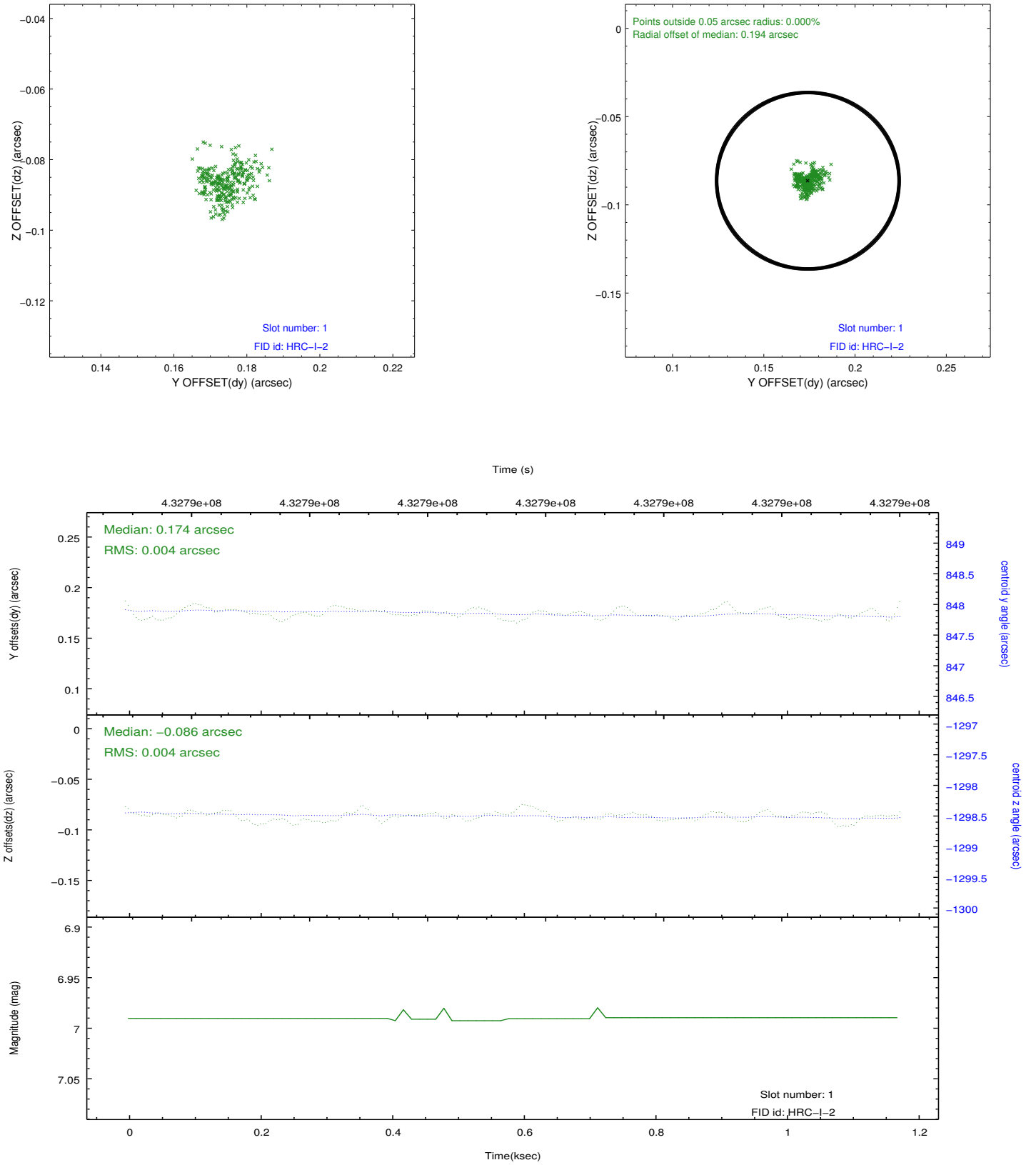


2.5 FID Slots

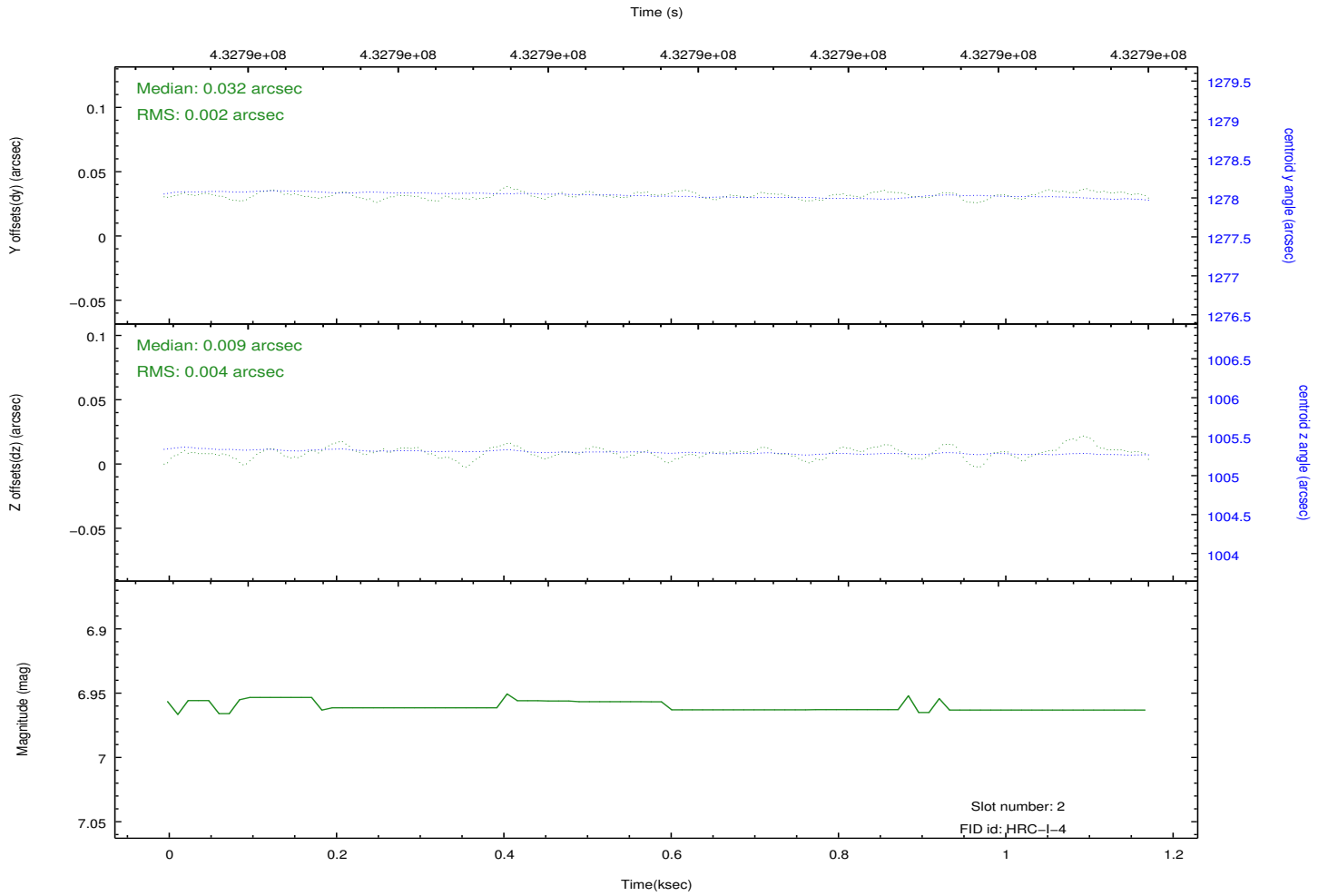
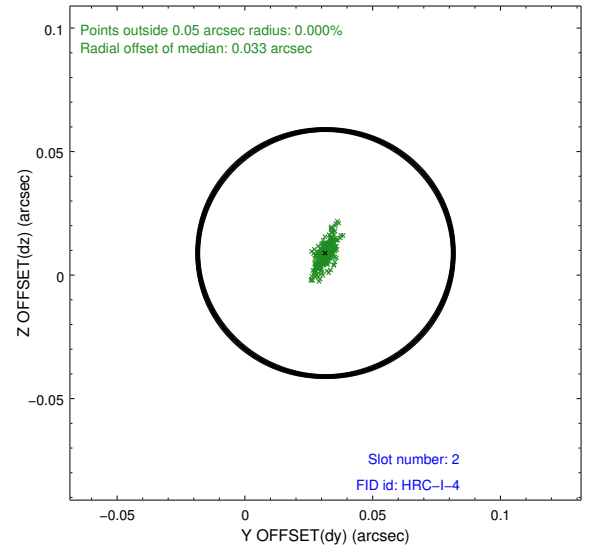
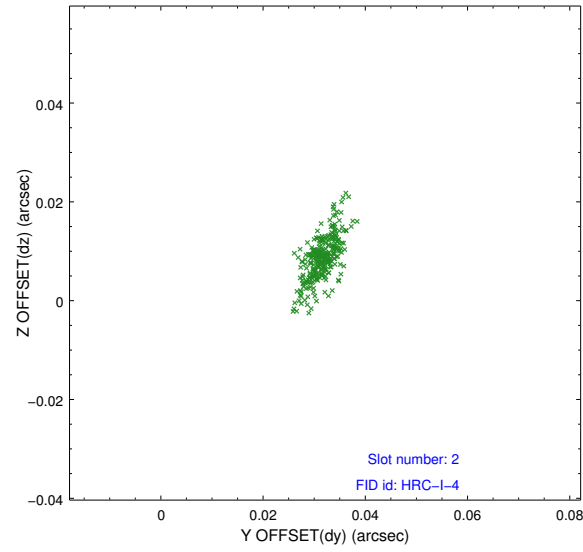
2.5.1 Slot 0



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)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313118696

A.2 Comments