

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13064 - L2 Version 3
Chandra X-Ray Center

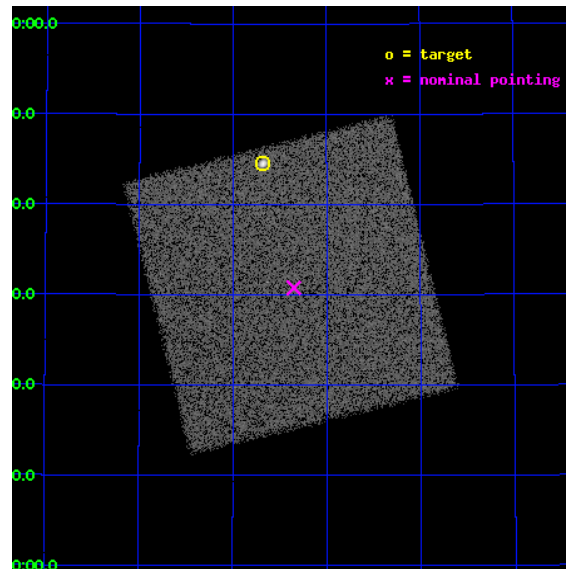
L2 Processing Date : Jul 27 2012

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1 Front

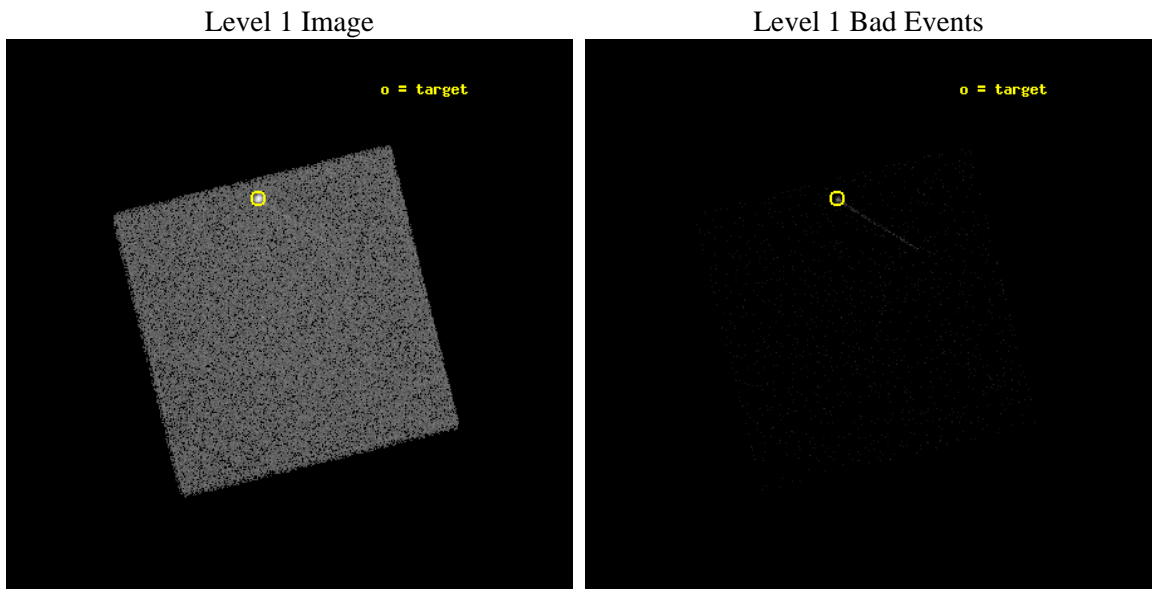
seq_num	290983	Sequence number
obs_id	13064	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.0872748648	Nominal RA [deg]
dec_nom	45.51310567482	Nominal Dec [deg]
roll_nom	211.09262005214	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1180.0313118696	[s]
livetime	1168.8321753011	Ontime multiplied by DTCOR
l2events	80786	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	142027	Number of level 1 events
date	2012-07-28T02:24:47	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

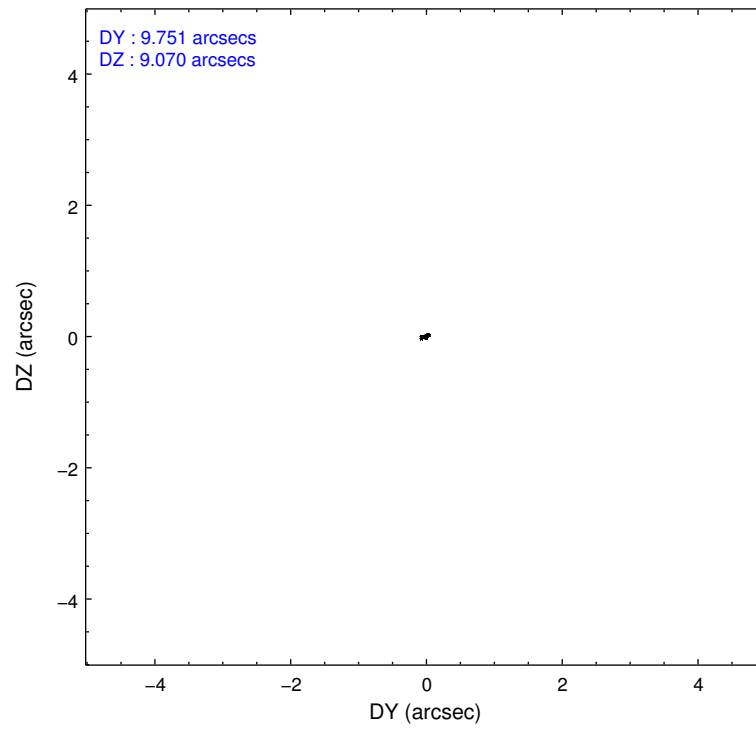
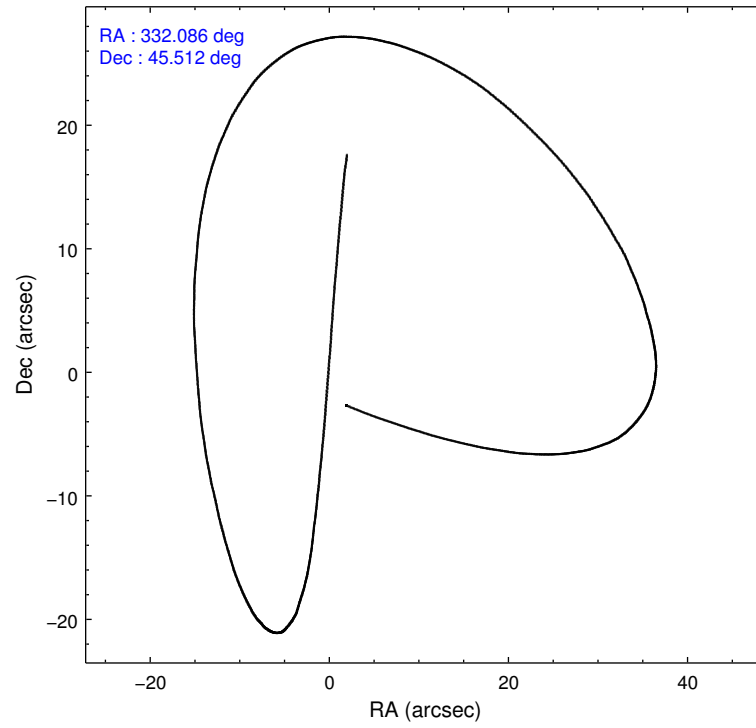
Level 1 Events

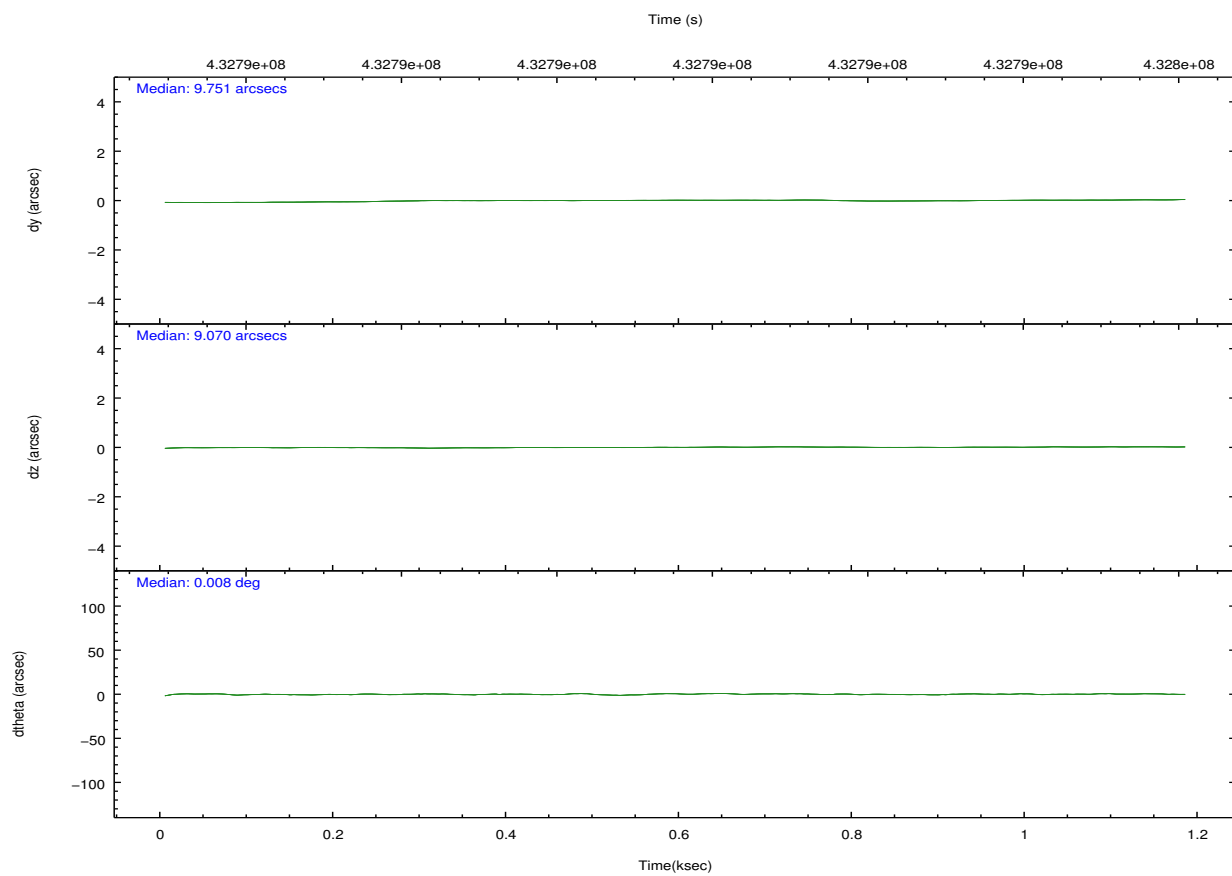
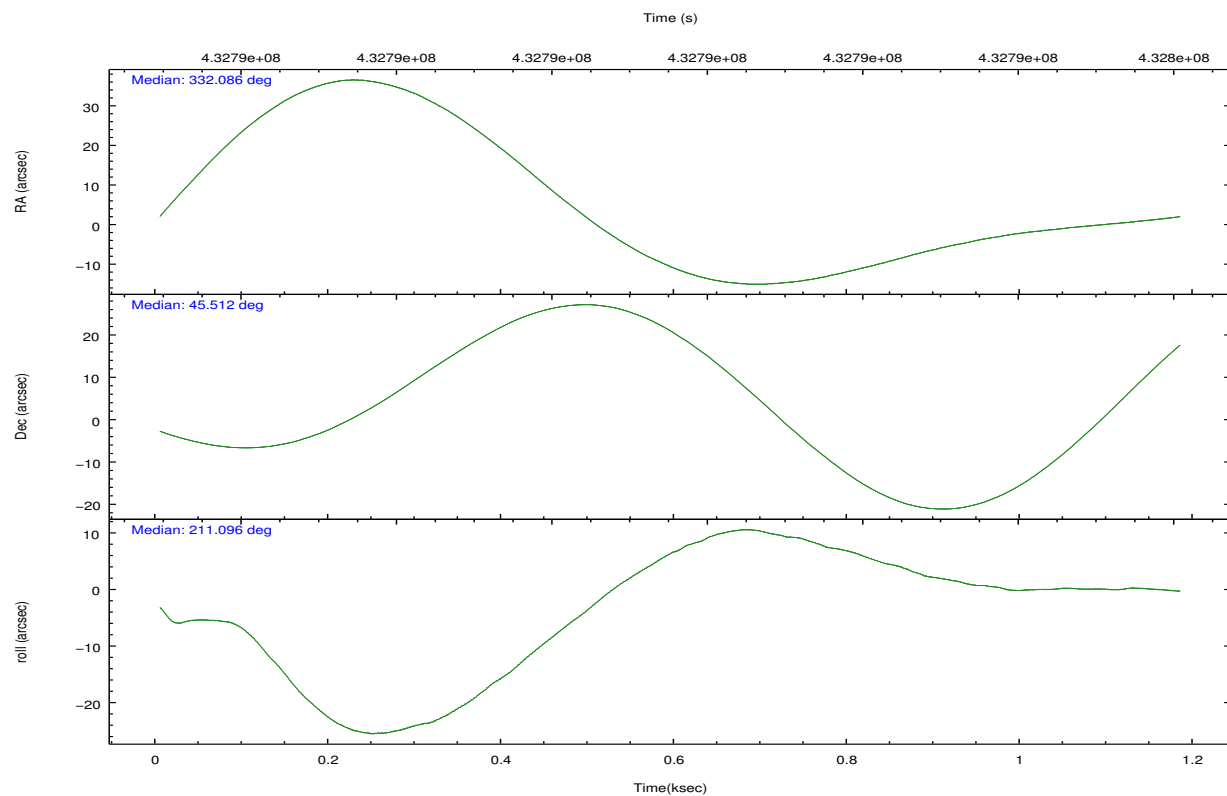
	segment 0
level 1 events	142027
rejected events	31130
rejected %	21%

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	332.104448	332.087274864799			
[deg] Pointing Dec	45.538165	45.5131056748199			
[deg] Pointing Roll	211.175859	211.0926200521392			
[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)	432793945.184000	432793569.56143			
Observation start date	2011-09-19T04:31:19	2011-09-19T04:26:09			
[s] Observation end time (MET)	432794945.184000	432795079.899			
Observation end date	2011-09-19T04:47:59	2011-09-19T04:51:19			

2.3 Aspect



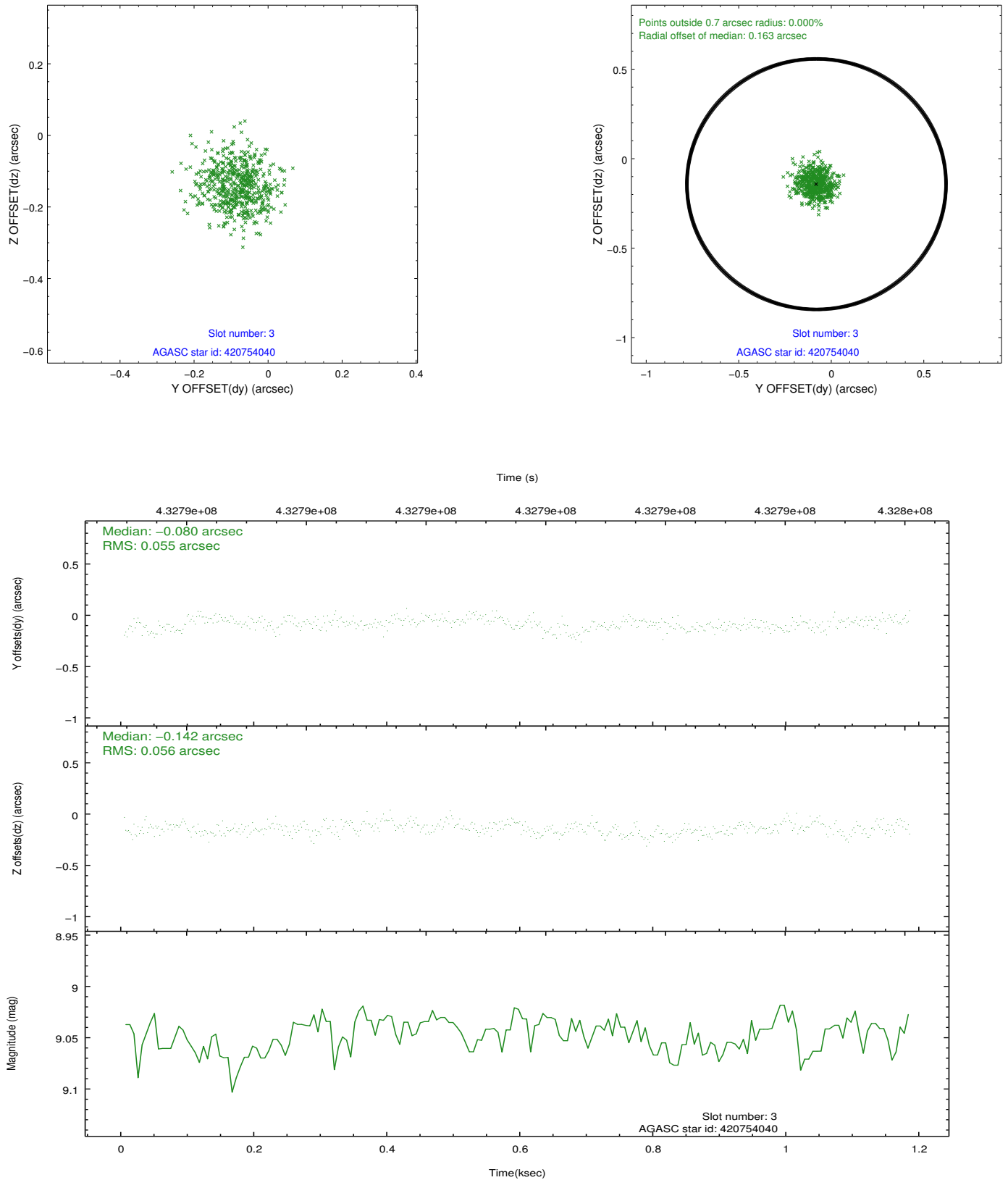


Slot Statistics

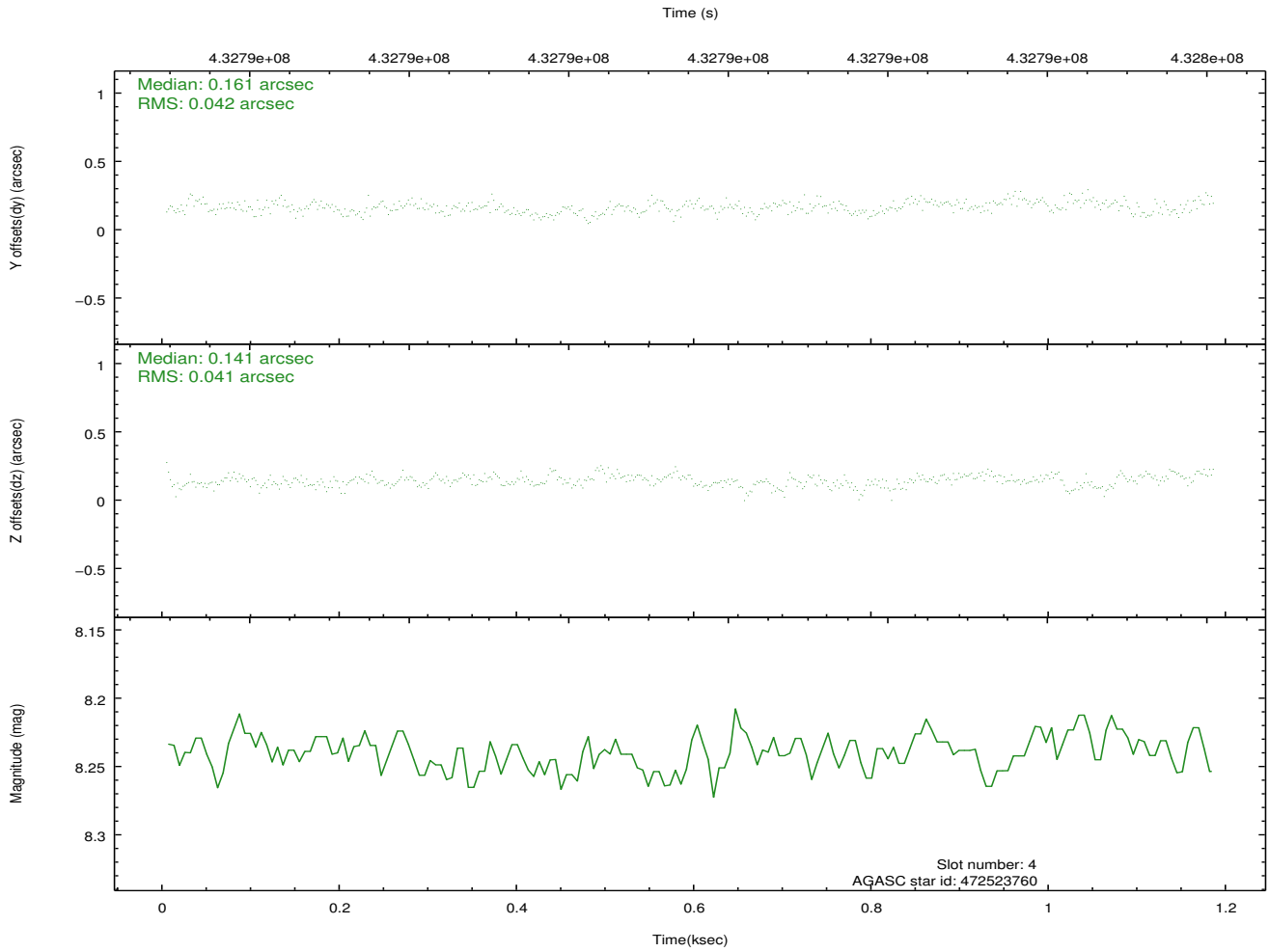
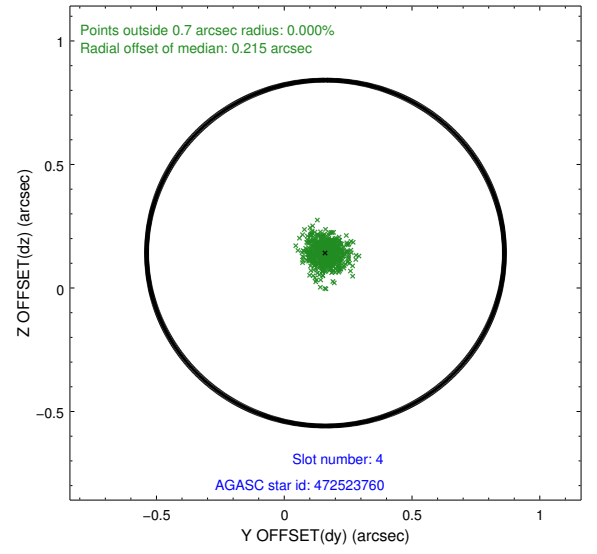
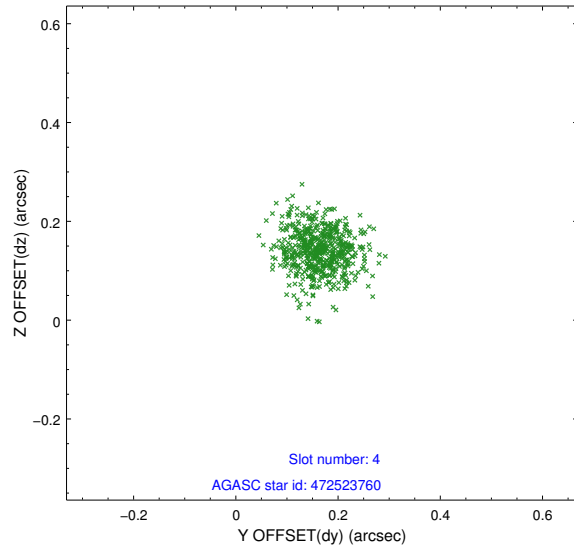
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	288	-0.046	0.024	0.007	0.012	0.000000	0.000000	-765.45	-1296.96
1	FID	HRC-I-2	6.99	288	0.210	-0.138	0.006	0.010	0.000000	0.000000	844.78	-1303.19
2	FID	HRC-I-3	7.04	288	-0.046	0.024	0.006	0.012	0.000000	0.000000	-1191.00	1003.08
3	GUIDE	420754040	9.05	576	-0.080	-0.142	0.084	0.133	331.917939	44.882543	1627.50	1768.99
4	GUIDE	472523760	8.24	577	0.161	0.141	0.062	0.103	331.645363	45.403260	1245.87	-188.65
5	GUIDE	472527720	6.99	577	-0.170	-0.066	0.071	0.115	331.460205	45.112509	2192.51	453.91
6	GUIDE	472651904	6.10	577	-0.010	0.018	0.066	0.118	332.170077	45.742257	-517.20	-547.11
7	GUIDE	472655152	9.43	576	0.100	0.060	0.106	0.159	332.504239	45.862991	-1464.73	-488.33

2.4 Star Slots

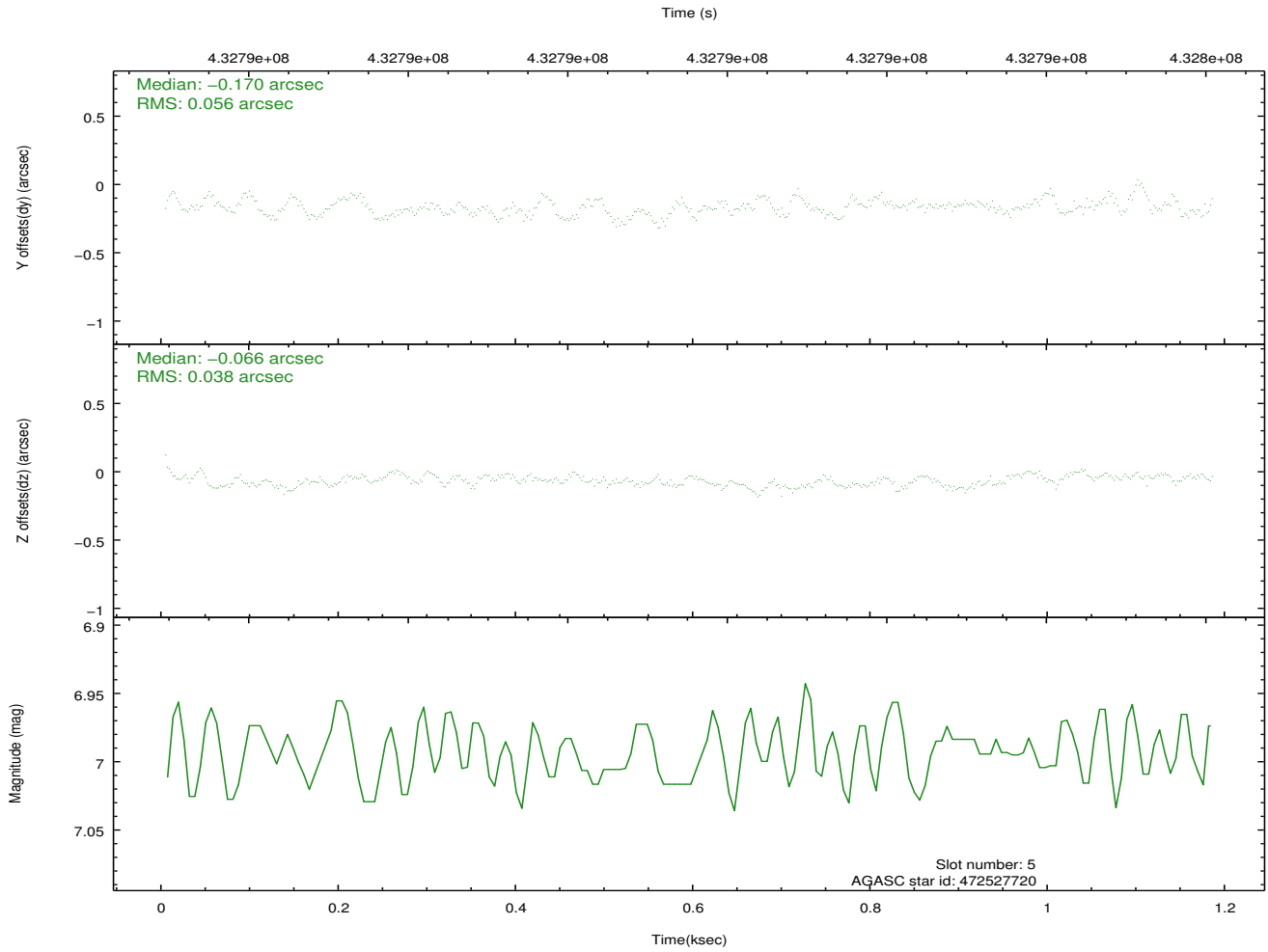
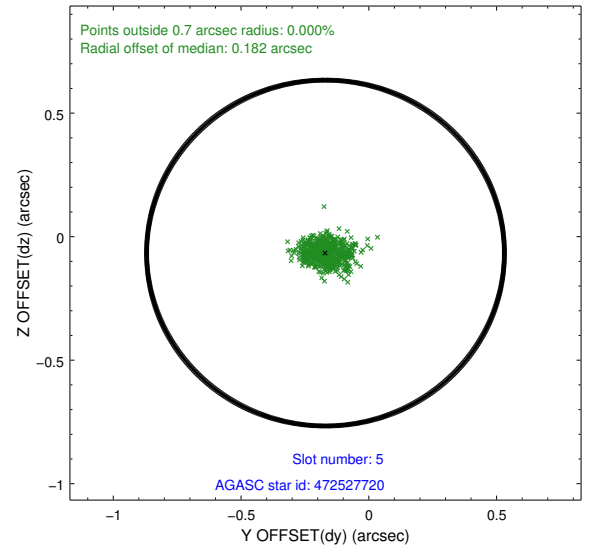
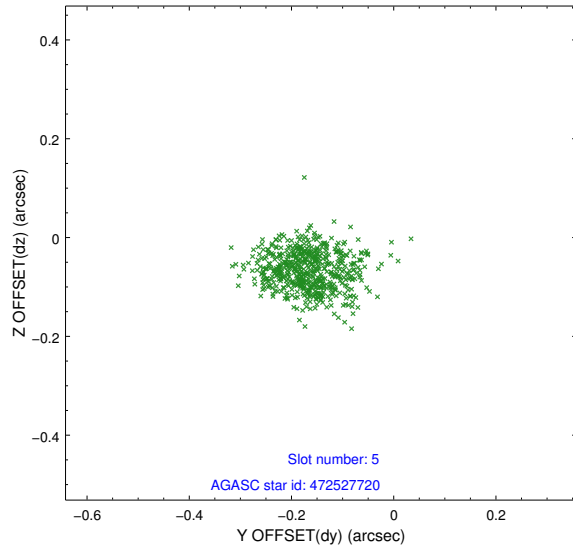
2.4.1 Slot 3



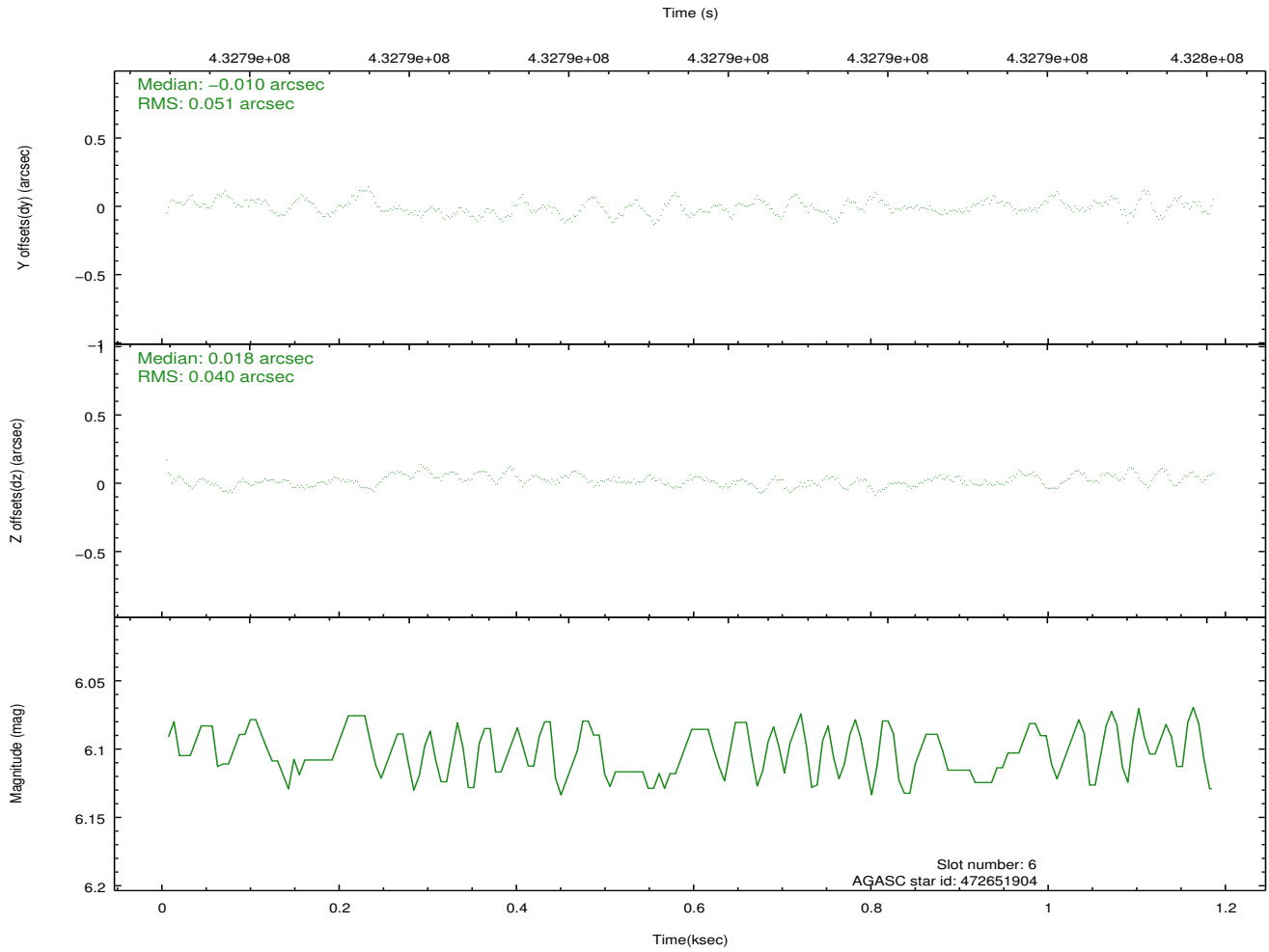
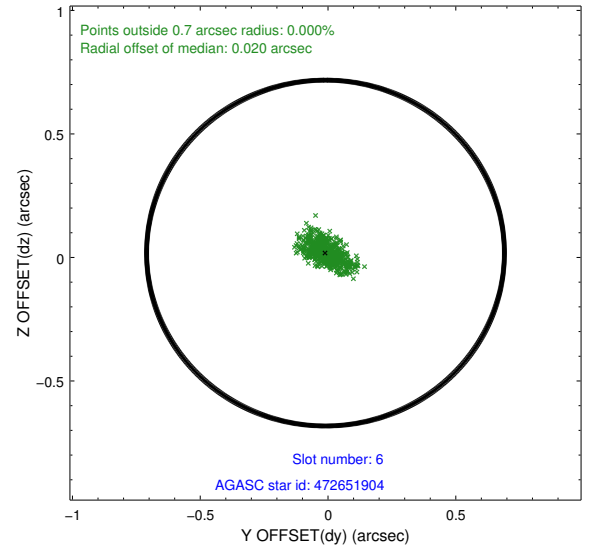
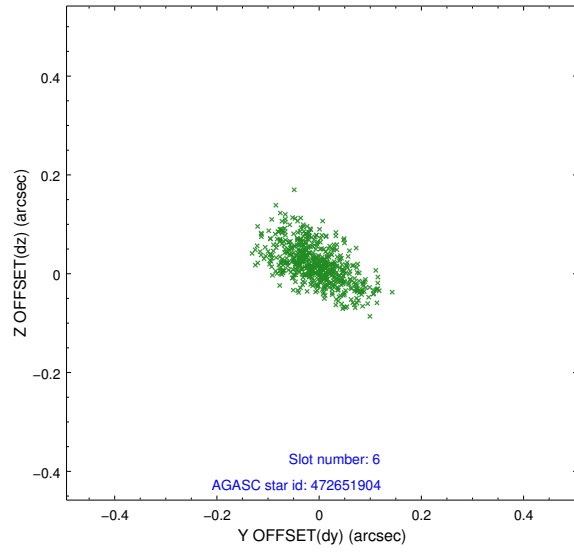
2.4.2 Slot 4



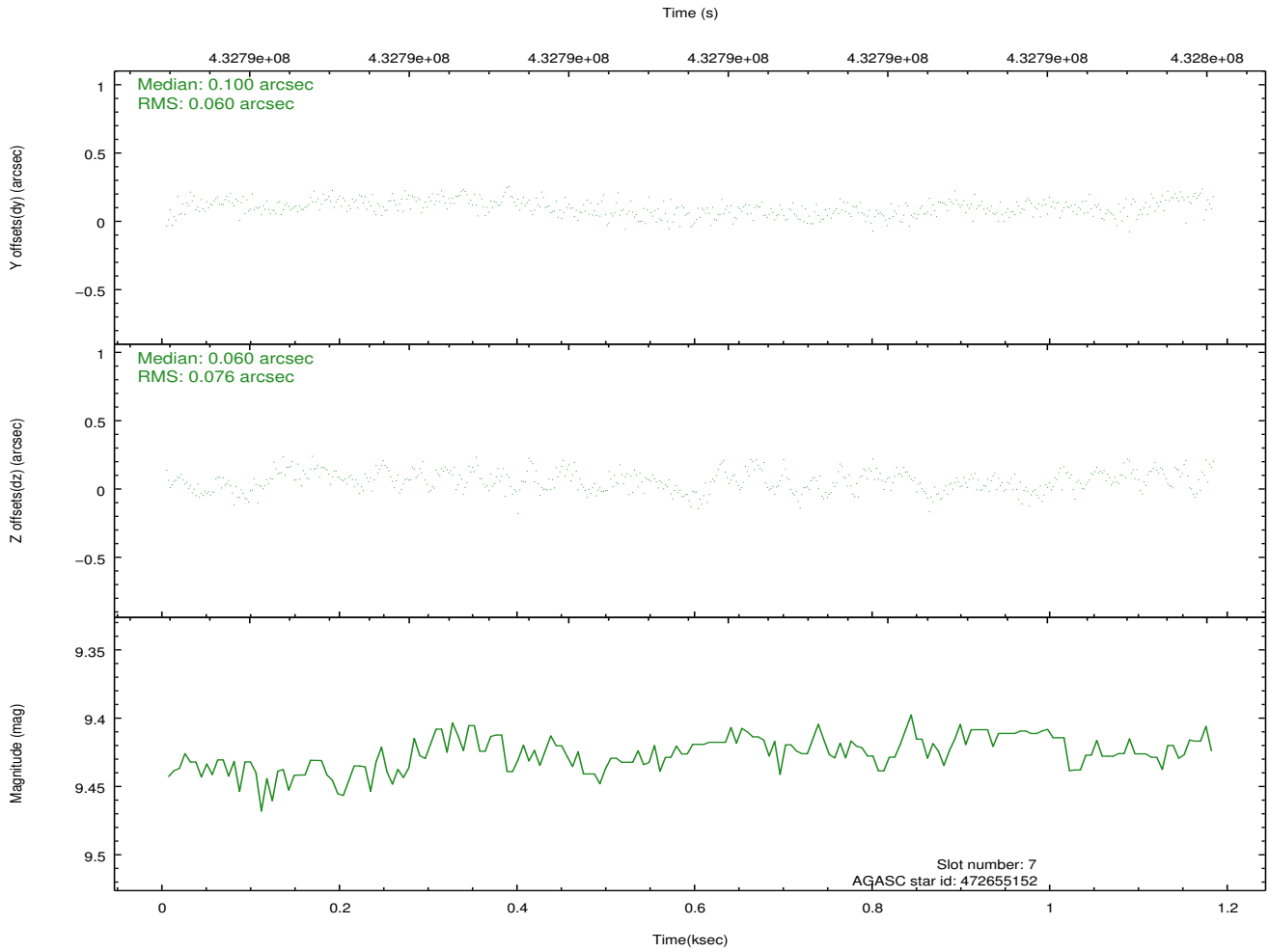
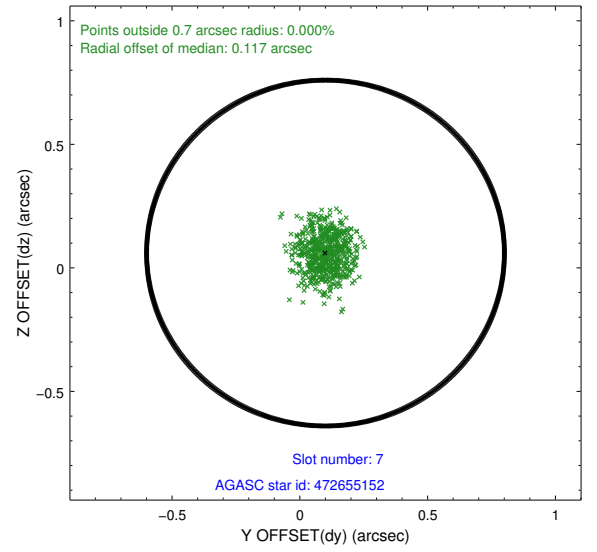
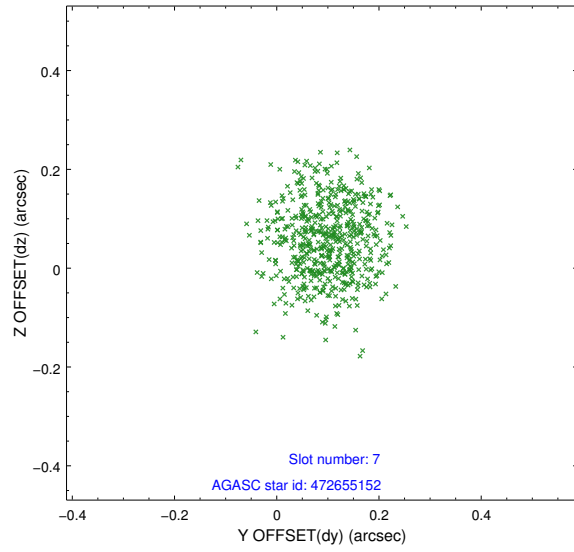
2.4.3 Slot 5



2.4.4 Slot 6

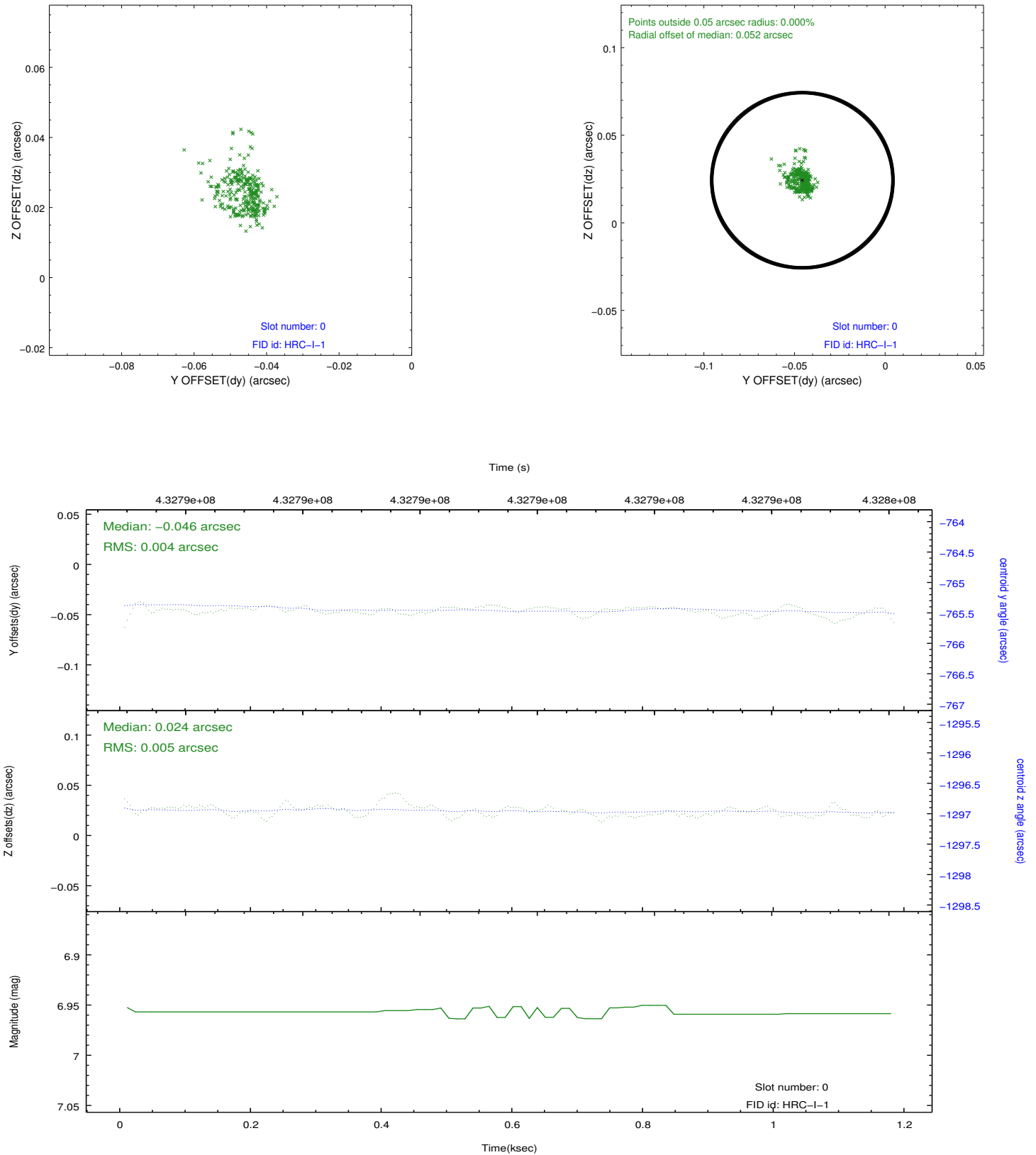


2.4.5 Slot 7

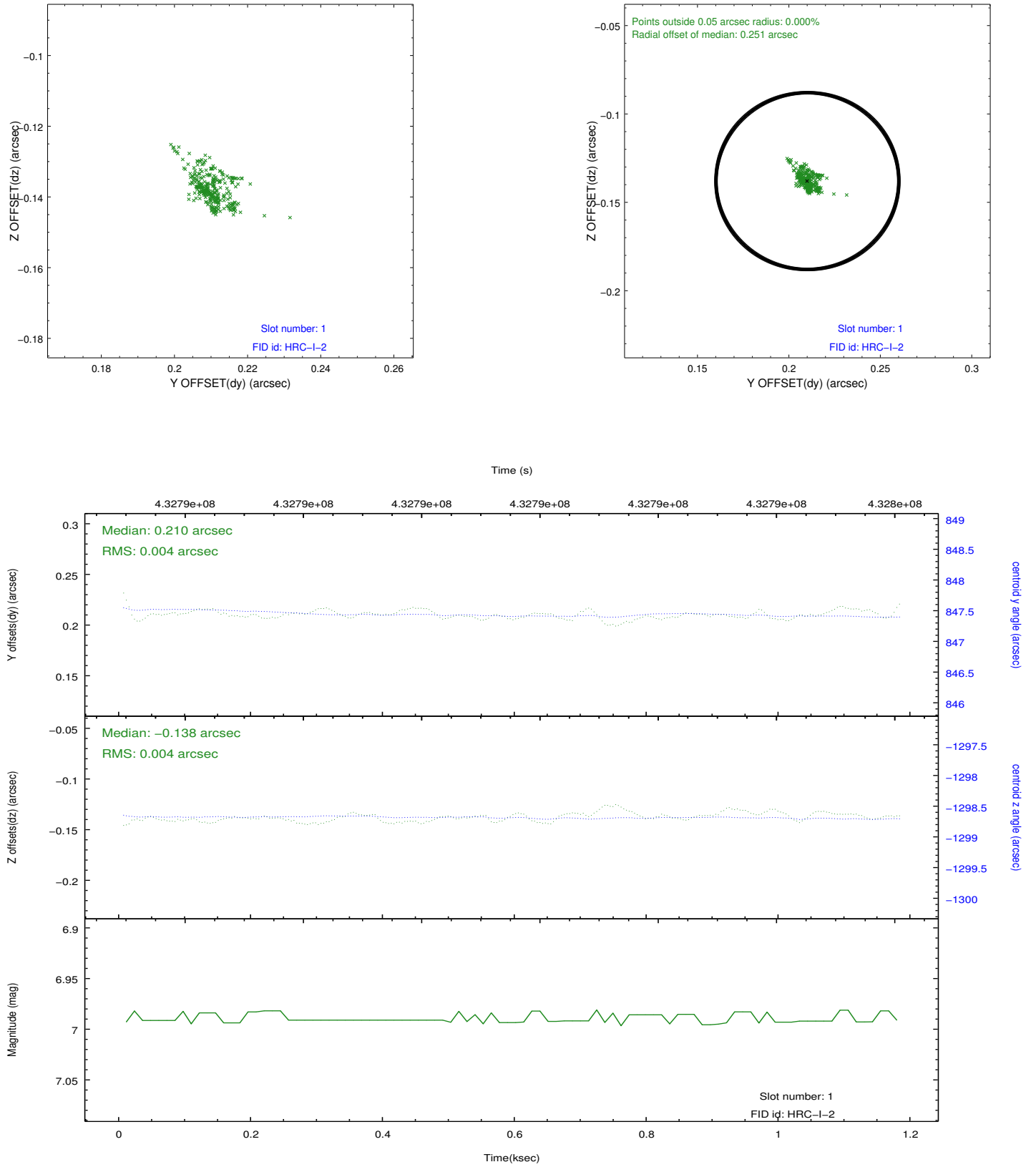


2.5 FID Slots

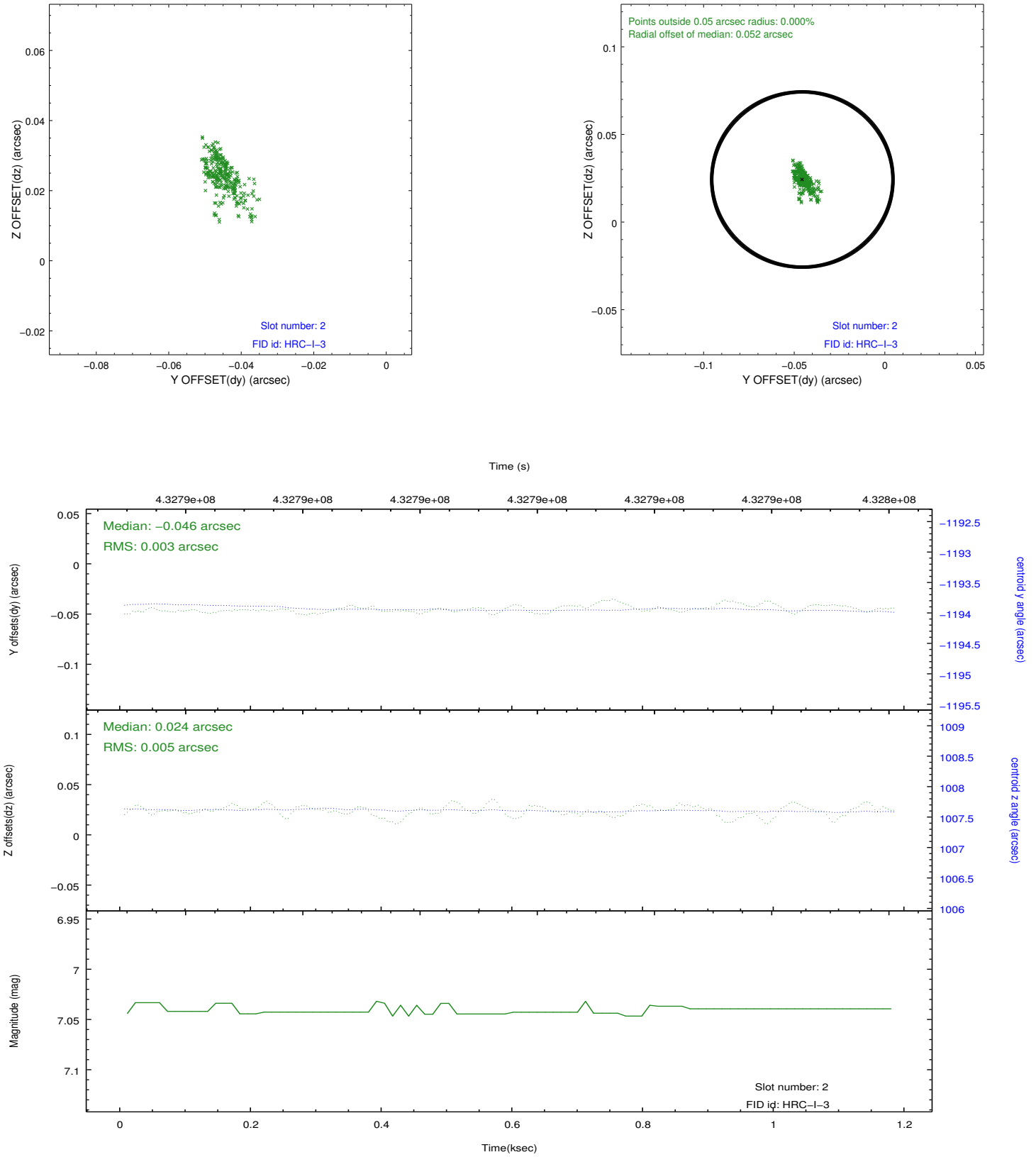
2.5.1 Slot 0



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