

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11897 - L2 Version 2
Chandra X-Ray Center

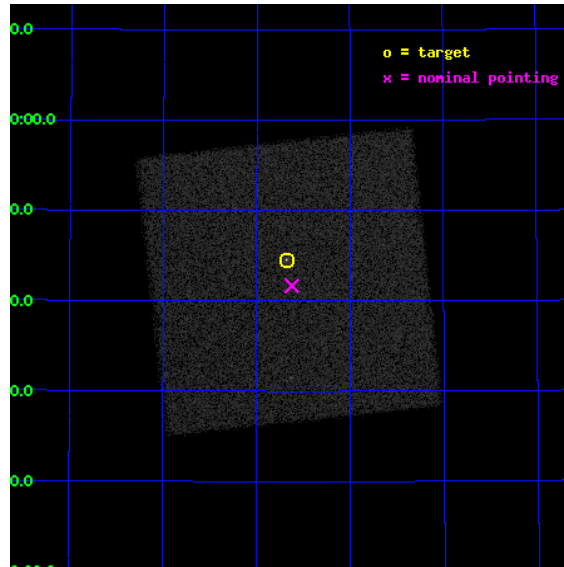
L2 Processing Date : Jul 3 2012

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1 Front

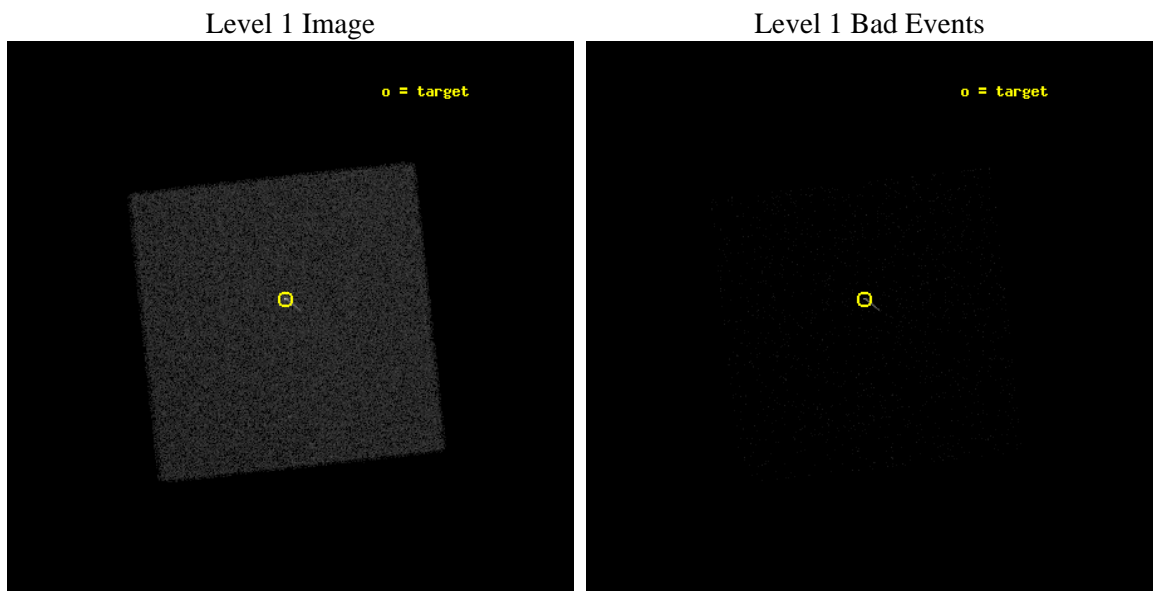
seq_num	290886	Sequence number
obs_id	11897	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15574075509	Nominal RA [deg]
dec_nom	45.694570641115	Nominal Dec [deg]
roll_nom	218.72370205415	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1182.0813106894	[s]
livetime	1169.0005213086	Ontime multiplied by DTCOR
l2events	92557	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	1182.0813106894	[s]
caldbver	4.5.0	 	l1events	164006	Number of level 1 events
date	2012-07-03T23:47:44	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

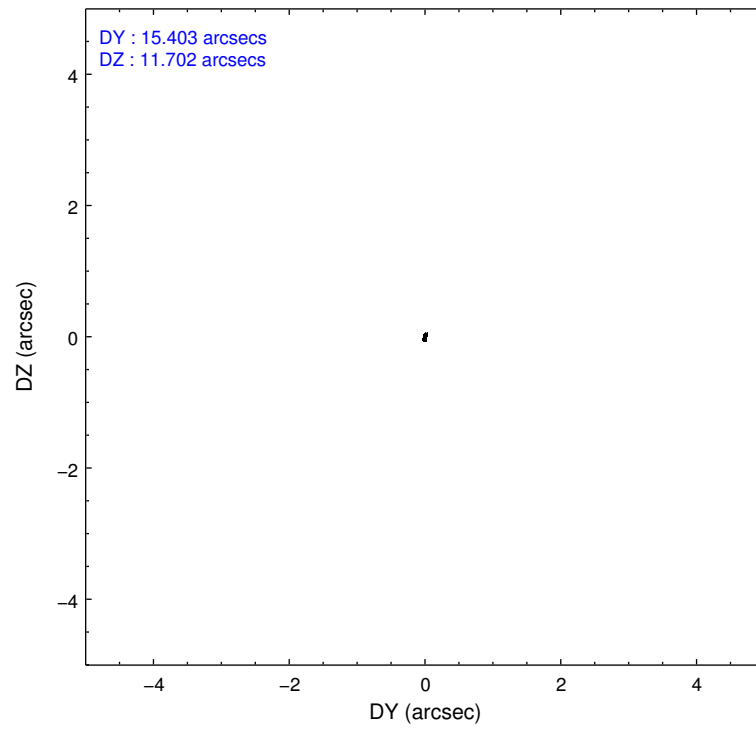
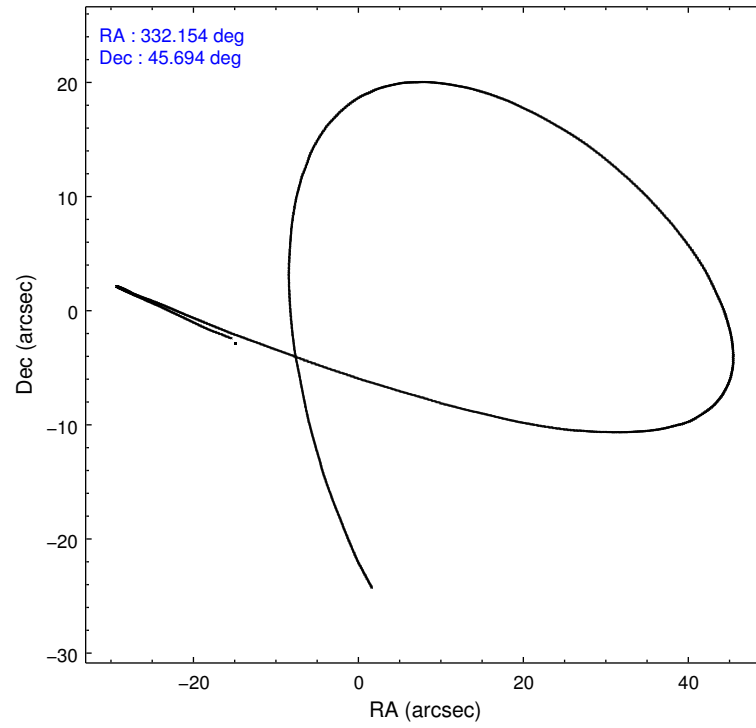
Level 1 Events

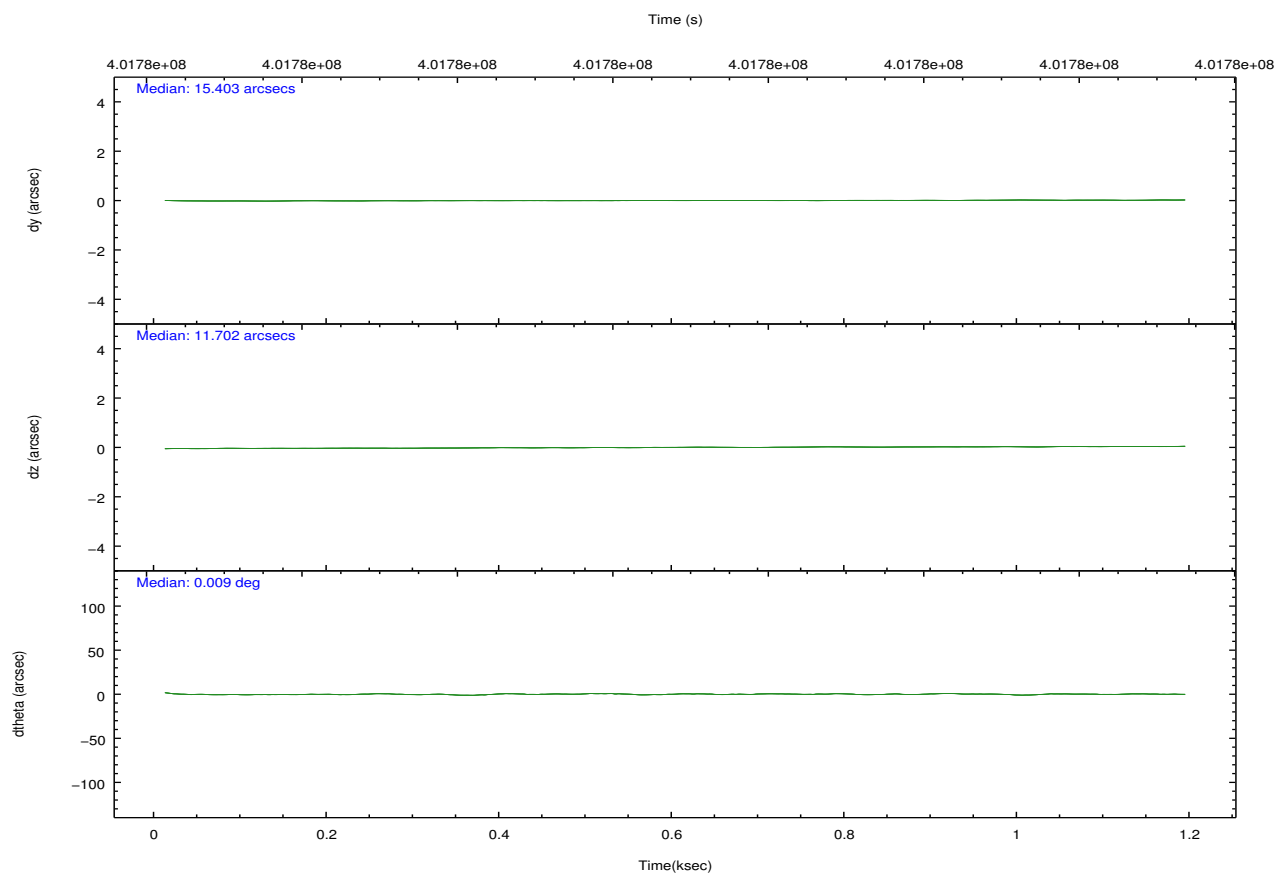
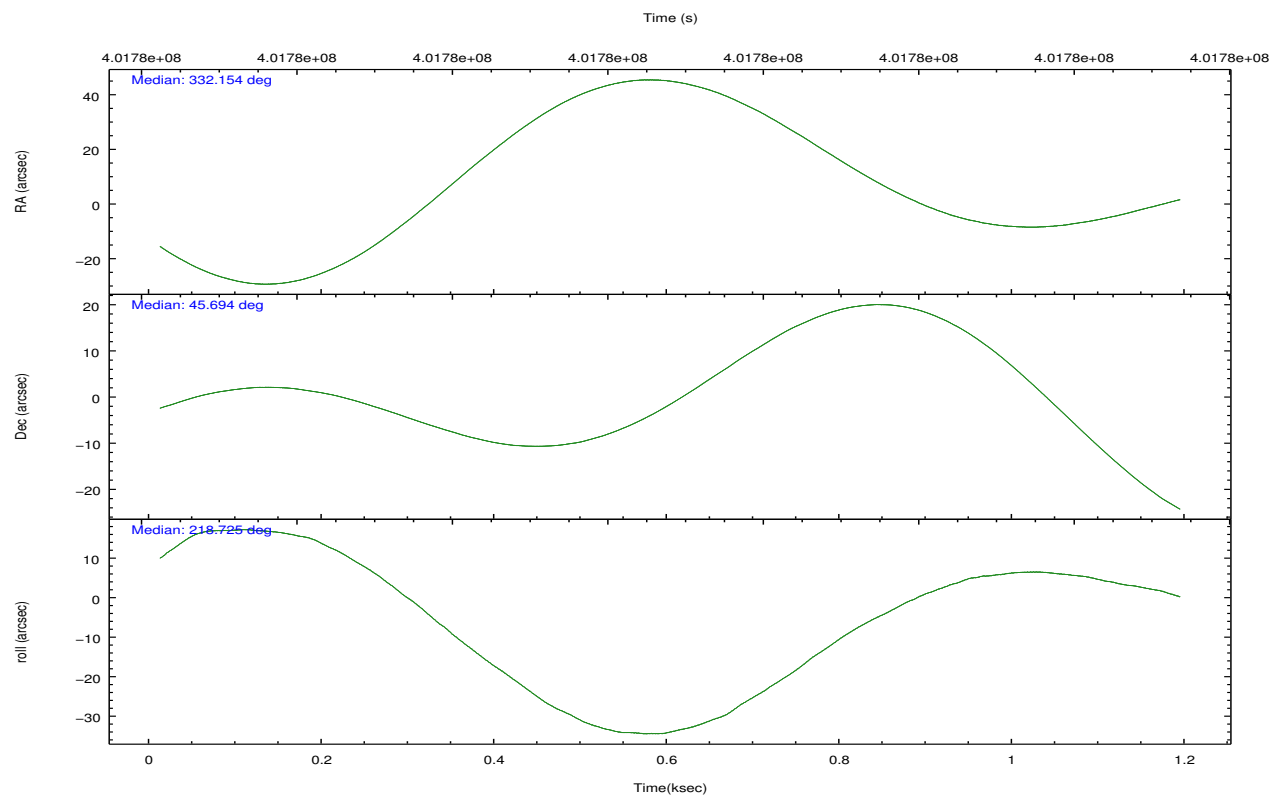
	segment 0
level 1 events	164006
rejected events	36137
rejected %	22%

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	332.170231	332.1557407550944			
[deg] Pointing Dec	45.719773	45.69457064111539			
[deg] Pointing Roll	218.808822	218.7237020541541			
[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)	401776483.184000	401776107.38732			
Observation start date	2010-09-25T04:33:37	2010-09-25T04:28:27			
[s] Observation end time (MET)	401777483.184000	401777617.21239			
Observation end date	2010-09-25T04:50:17	2010-09-25T04:53:37			

2.3 Aspect



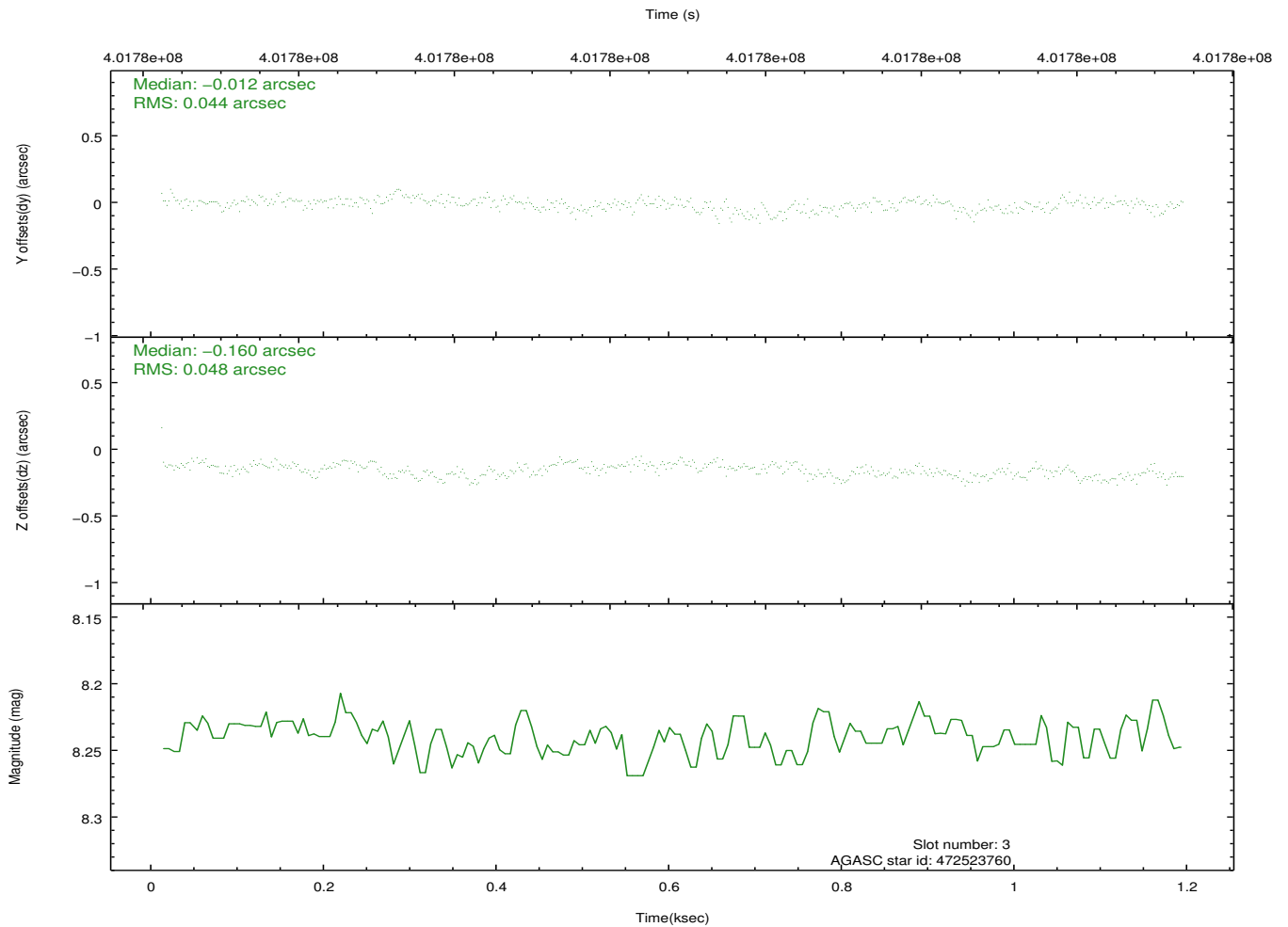
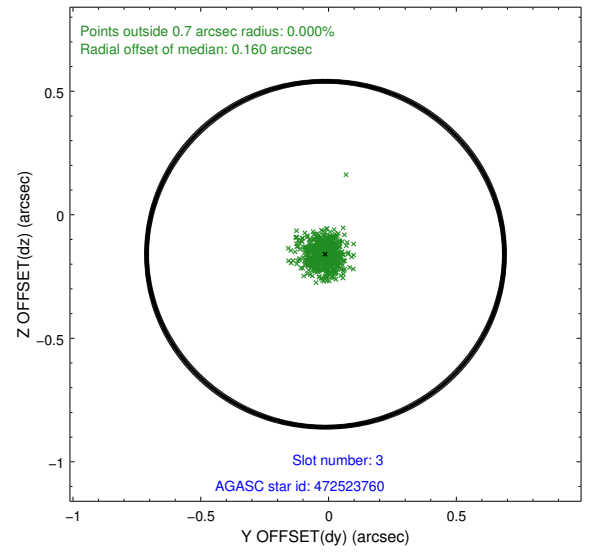
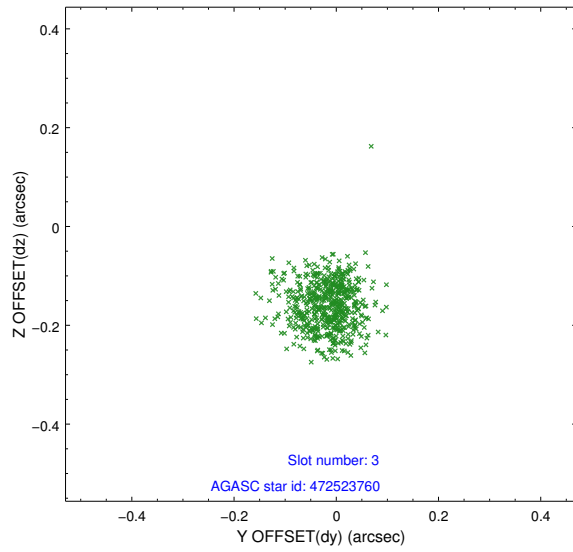


Slot Statistics

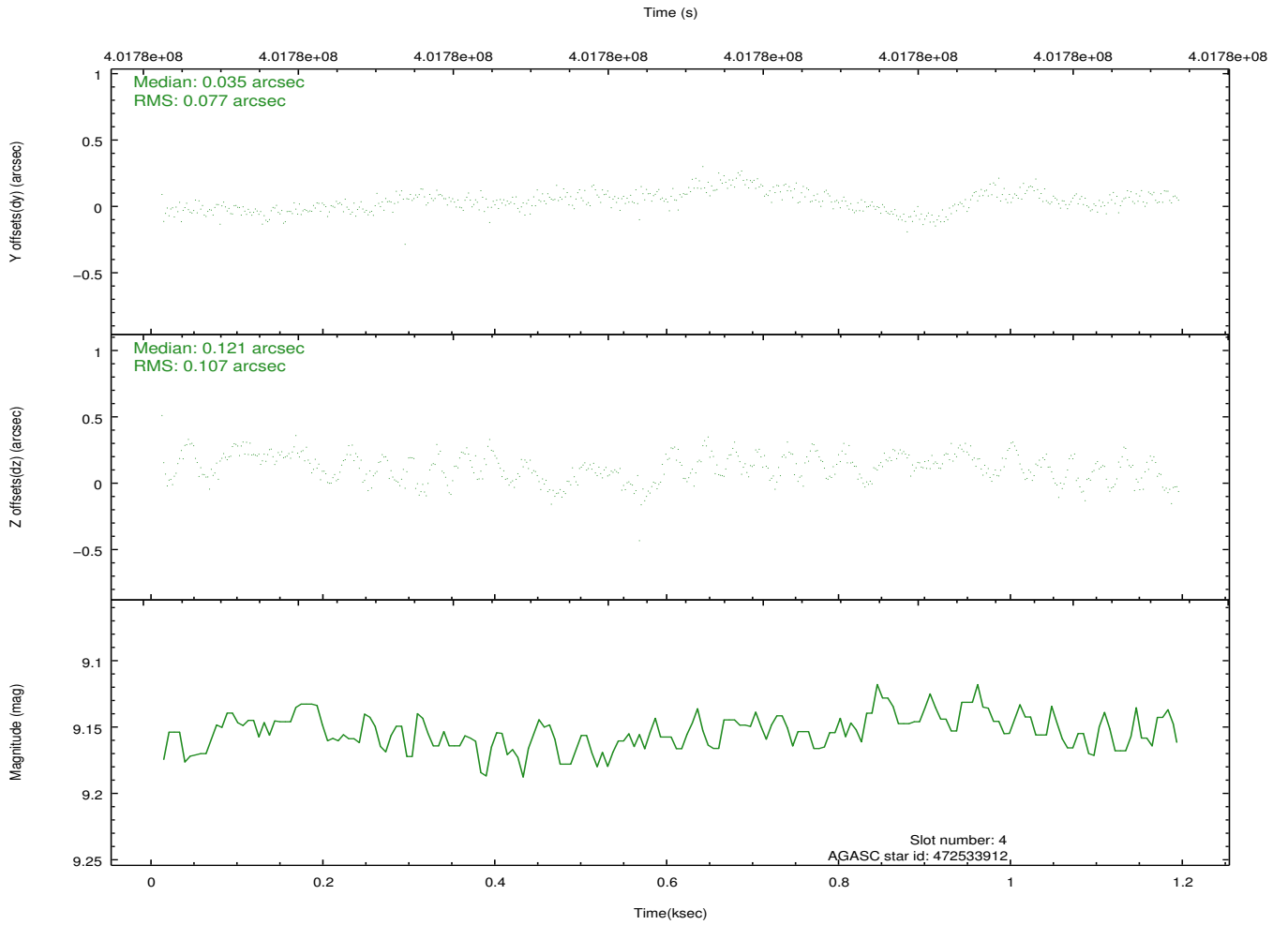
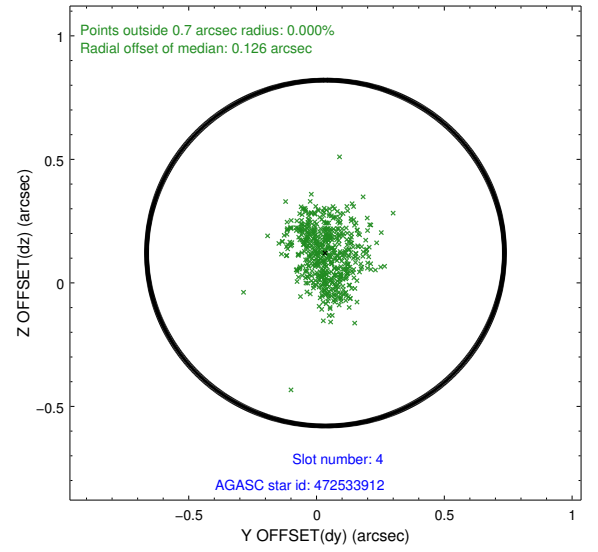
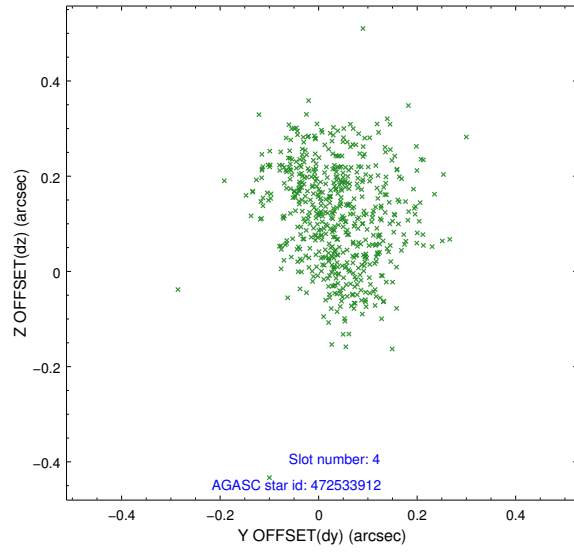
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	289	-0.072	0.013	0.006	0.011	0.000000	0.000000	-771.30	-1299.67
1	FID	HRC-I-2	6.99	289	0.219	-0.116	0.006	0.011	0.000000	0.000000	838.95	-1305.87
2	FID	HRC-I-3	7.05	289	-0.028	0.014	0.007	0.011	0.000000	0.000000	-1196.83	1000.38
3	GUIDE	472523760	8.24	577	-0.012	-0.160	0.068	0.110	331.645363	45.403260	1744.23	56.06
4	GUIDE	472533912	9.15	578	0.035	0.121	0.144	0.210	331.791136	46.368695	-729.73	-2408.96
5	GUIDE	472655152	9.42	576	-0.006	-0.162	0.124	0.203	332.504239	45.862991	-979.10	120.56
6	GUIDE	472665256	9.01	578	0.119	0.140	0.095	0.143	332.808125	46.195041	-2317.62	-338.47
7	GUIDE	420754040	9.06	577	-0.143	0.056	0.097	0.162	331.917939	44.882543	2383.47	1947.76

2.4 Star Slots

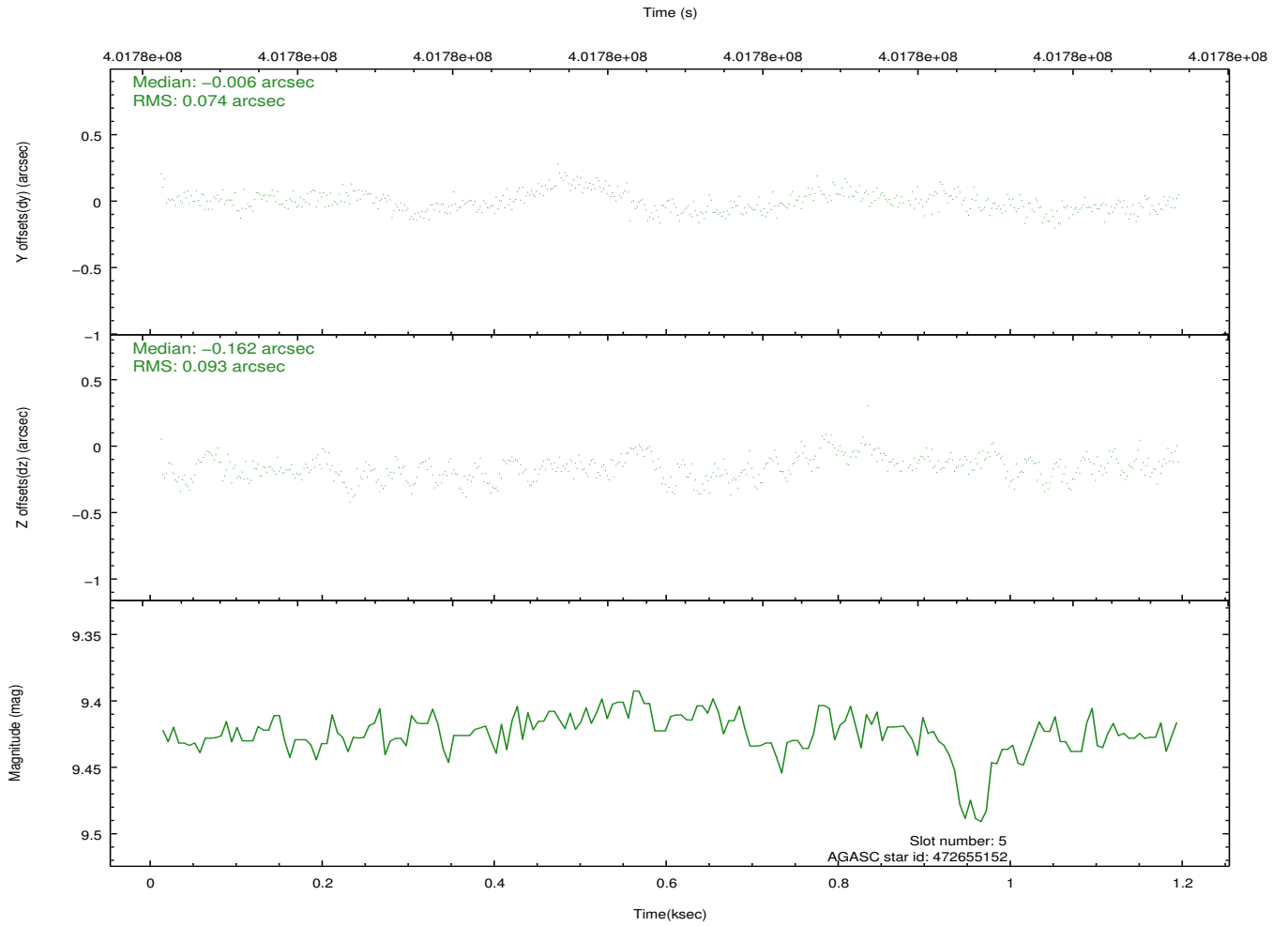
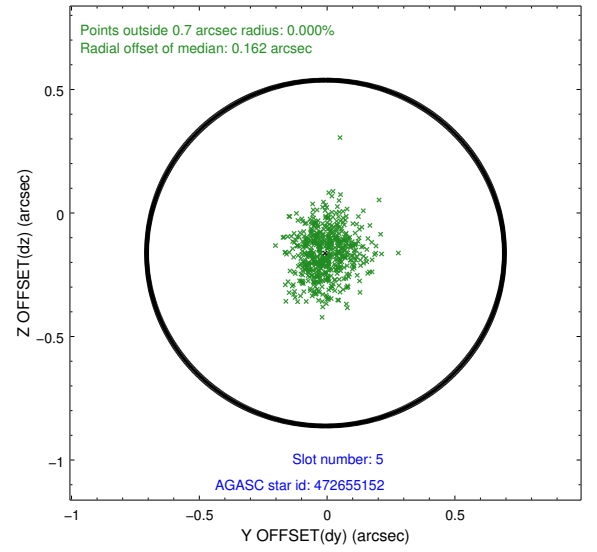
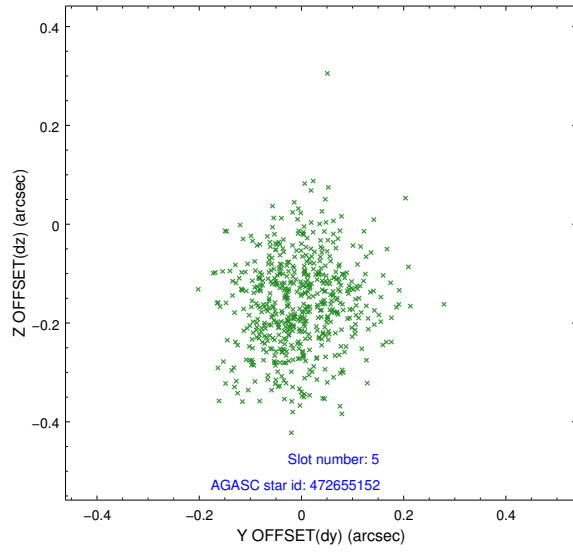
2.4.1 Slot 3



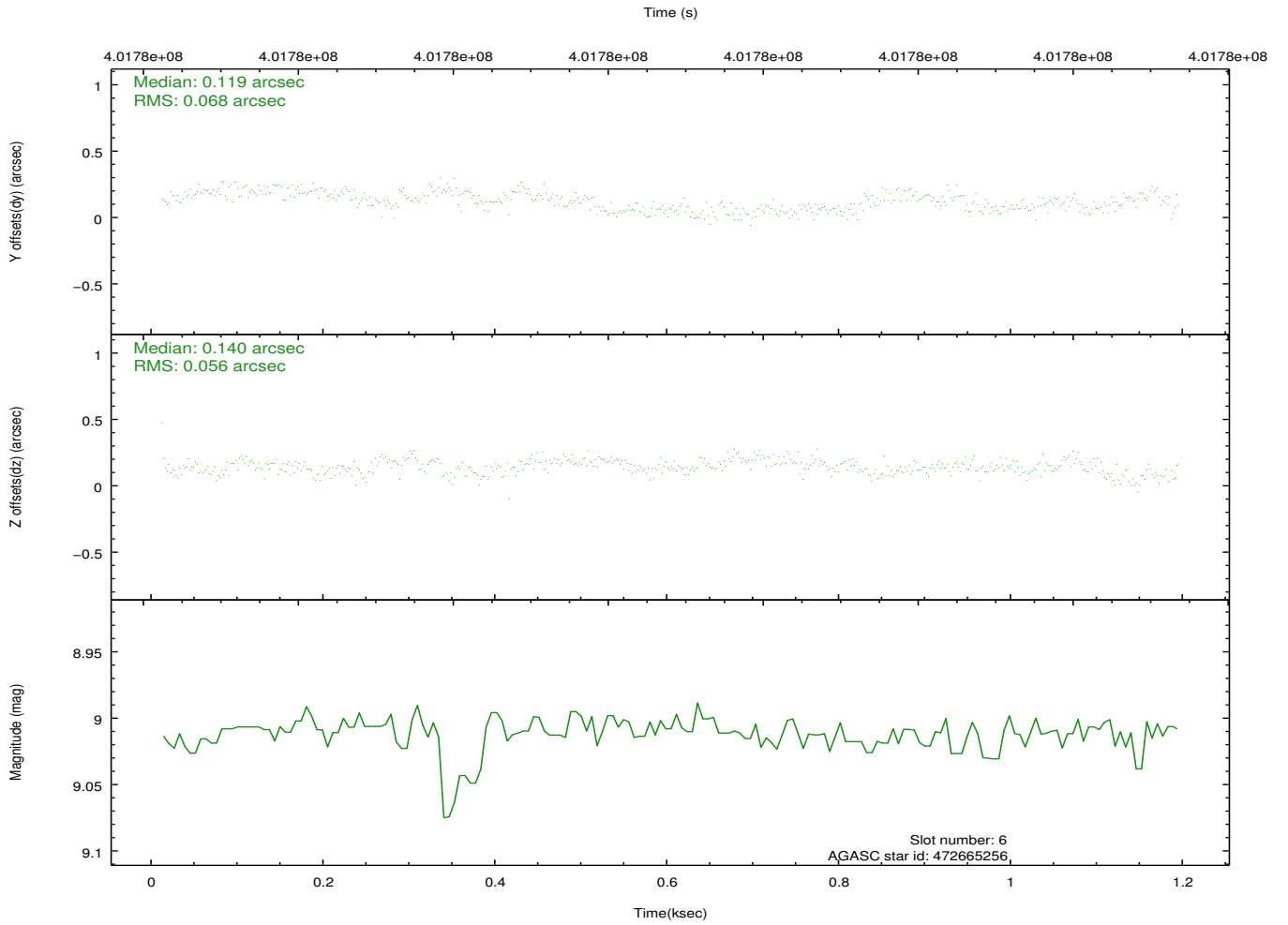
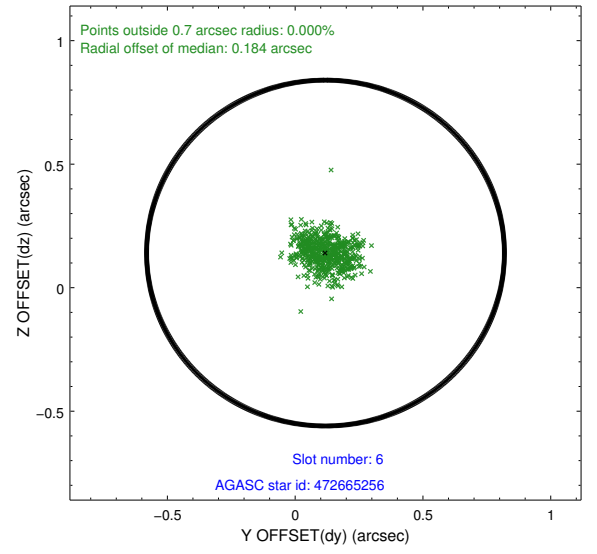
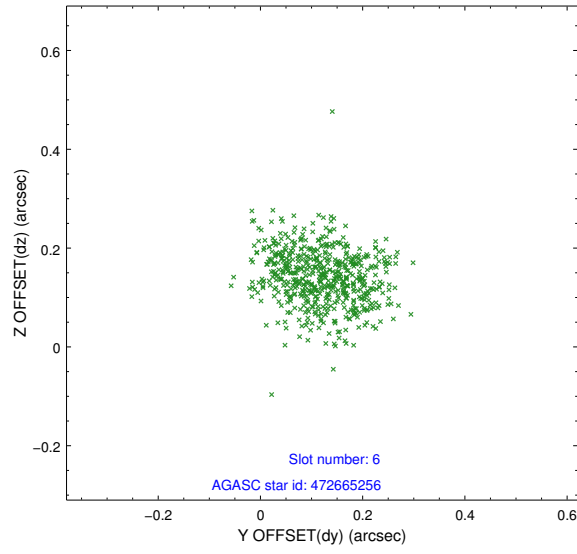
2.4.2 Slot 4



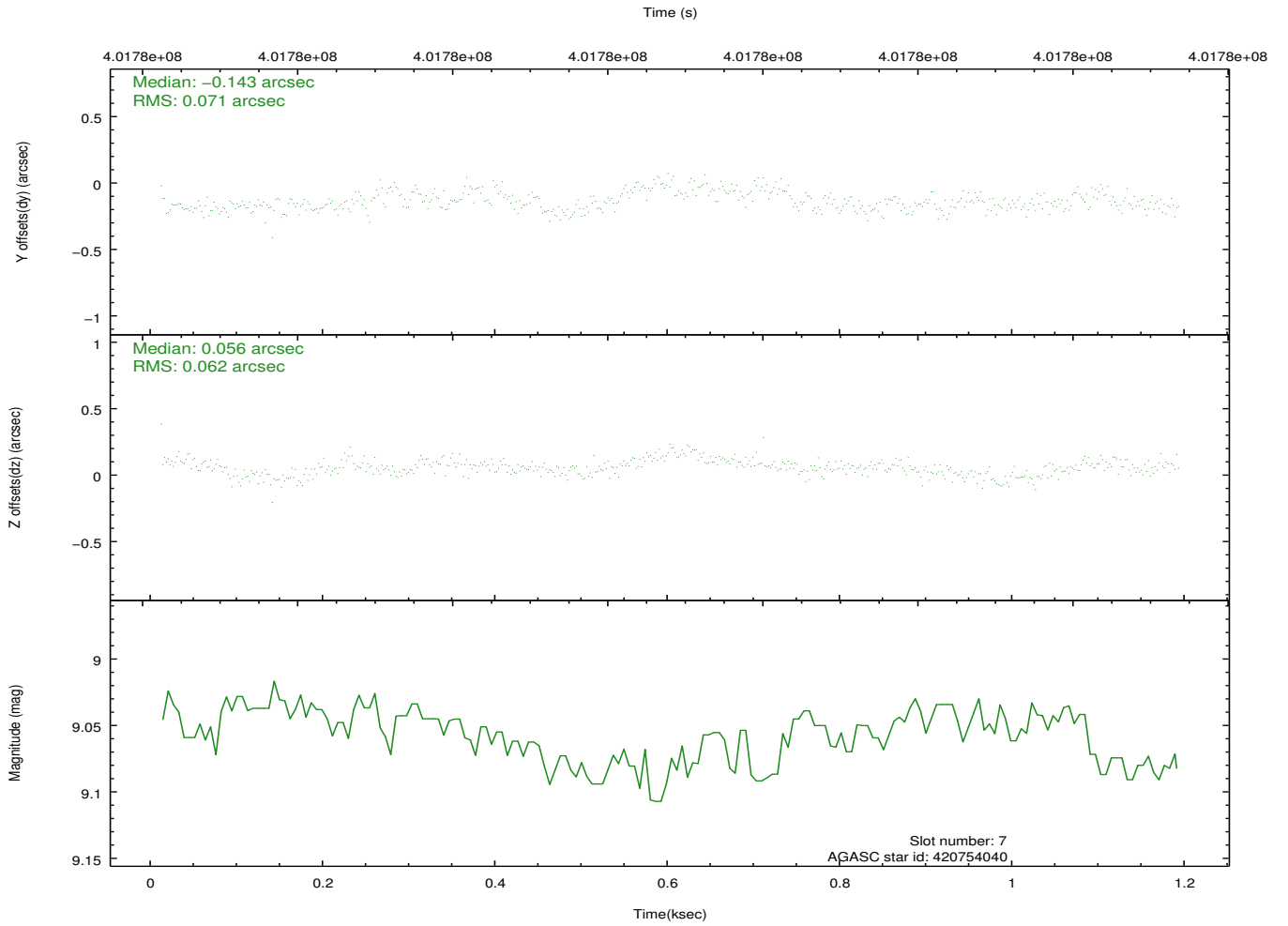
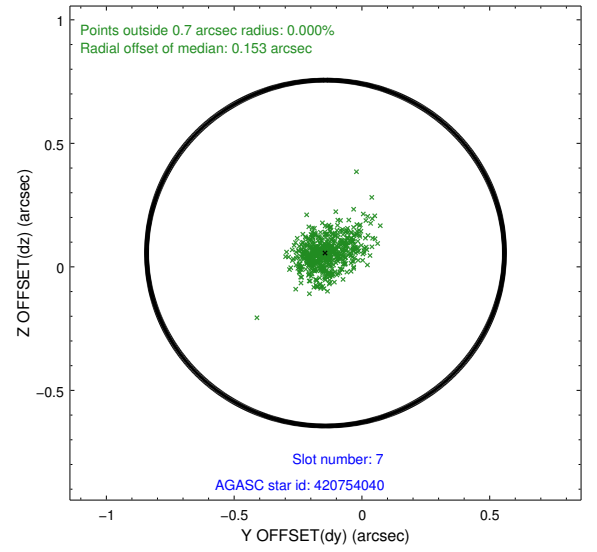
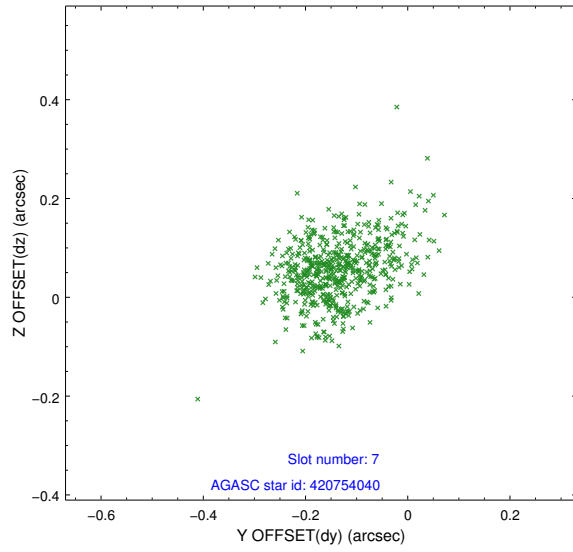
2.4.3 Slot 5



2.4.4 Slot 6

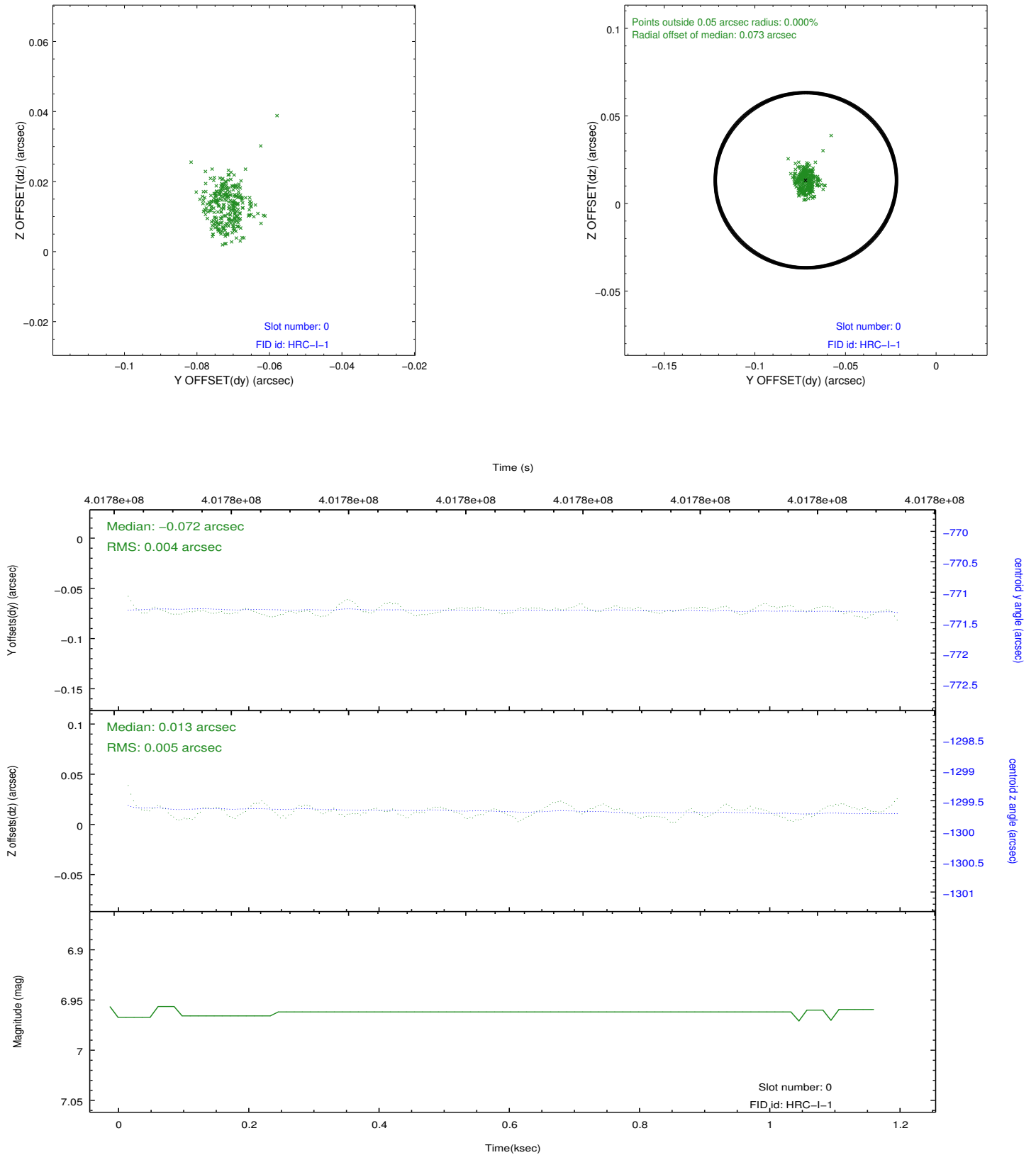


2.4.5 Slot 7

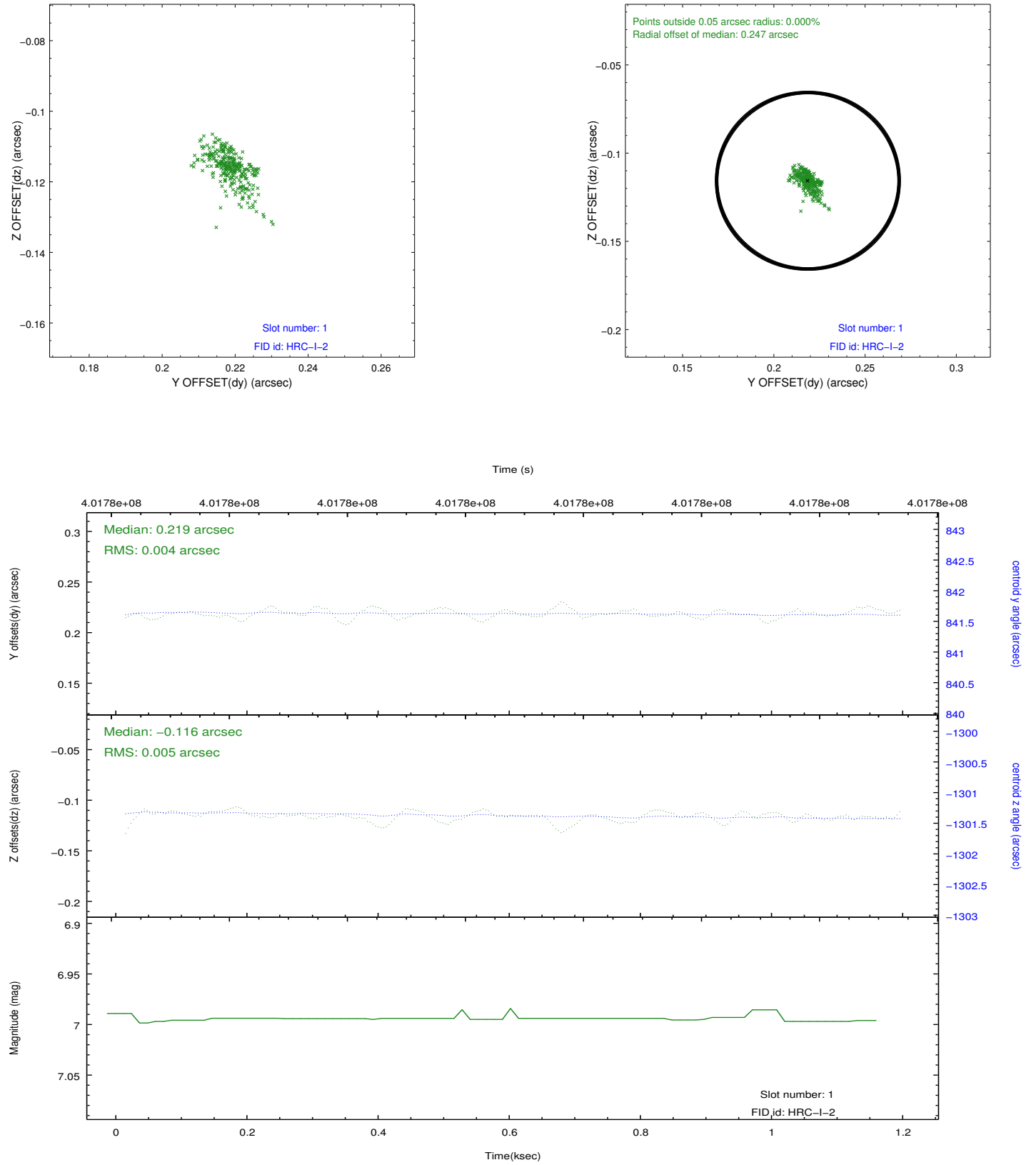


2.5 FID Slots

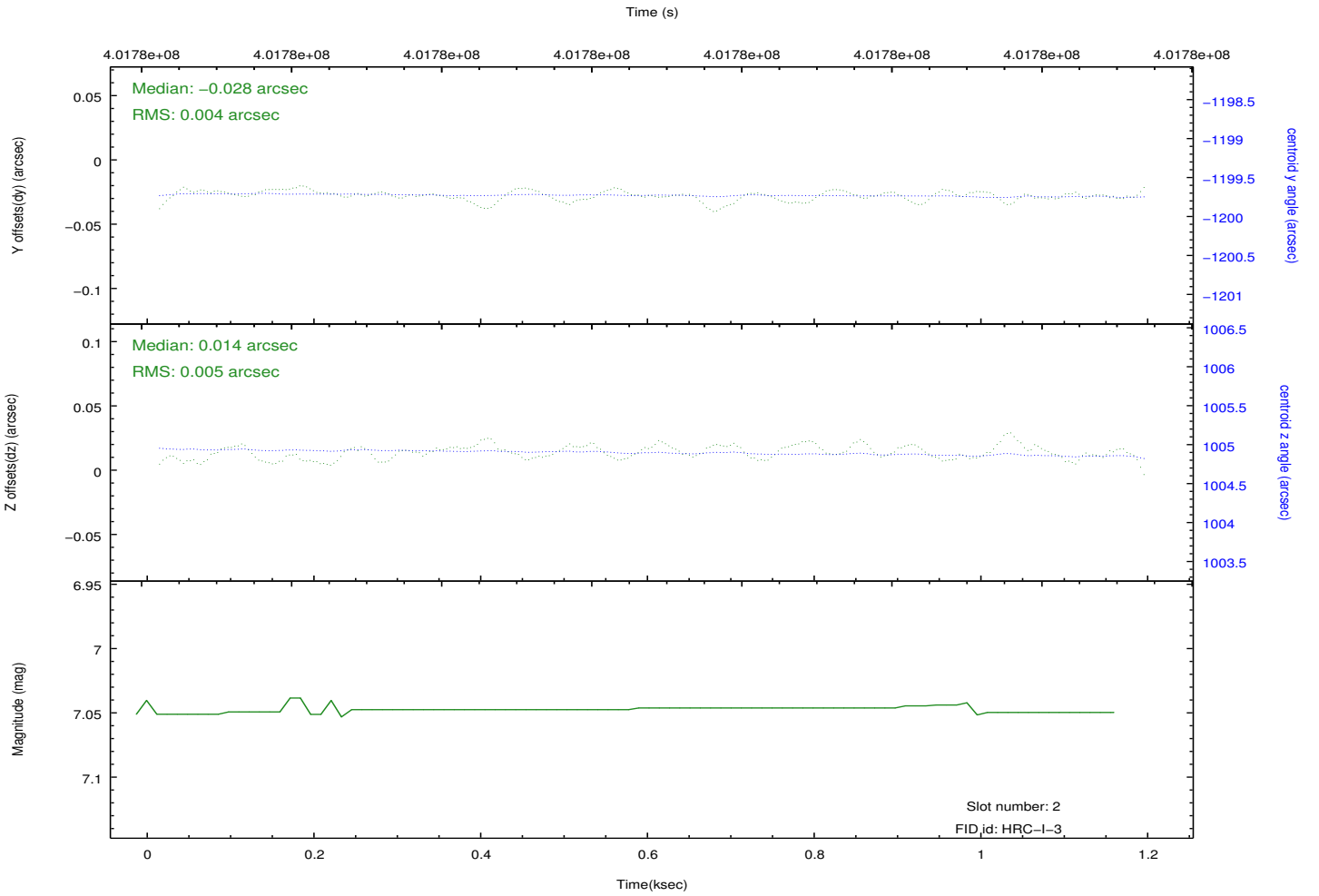
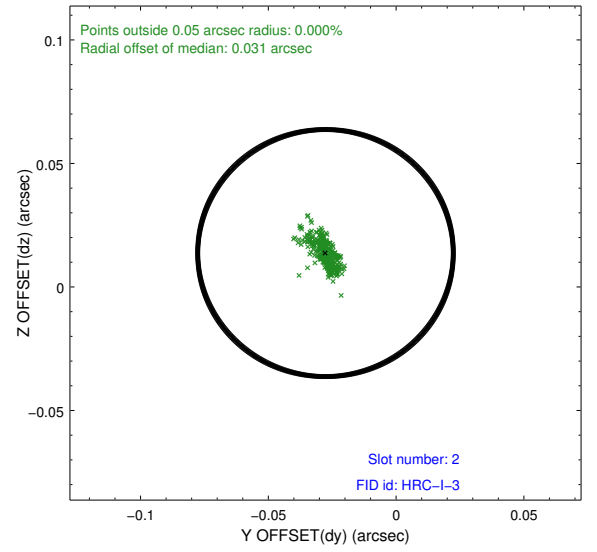
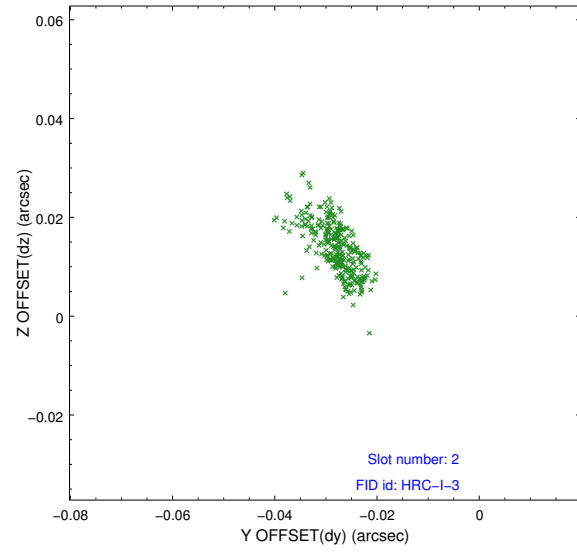
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813106894

A.2 Comments