

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10588 - L2 Version 3
Chandra X-Ray Center

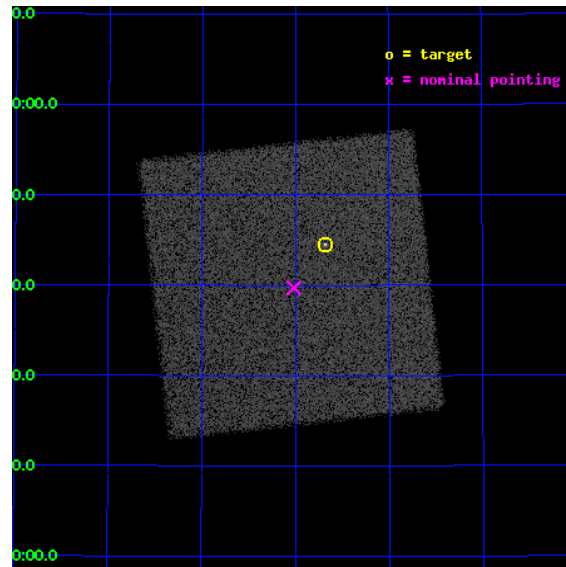
L2 Processing Date : Aug 13 2012

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1 Front

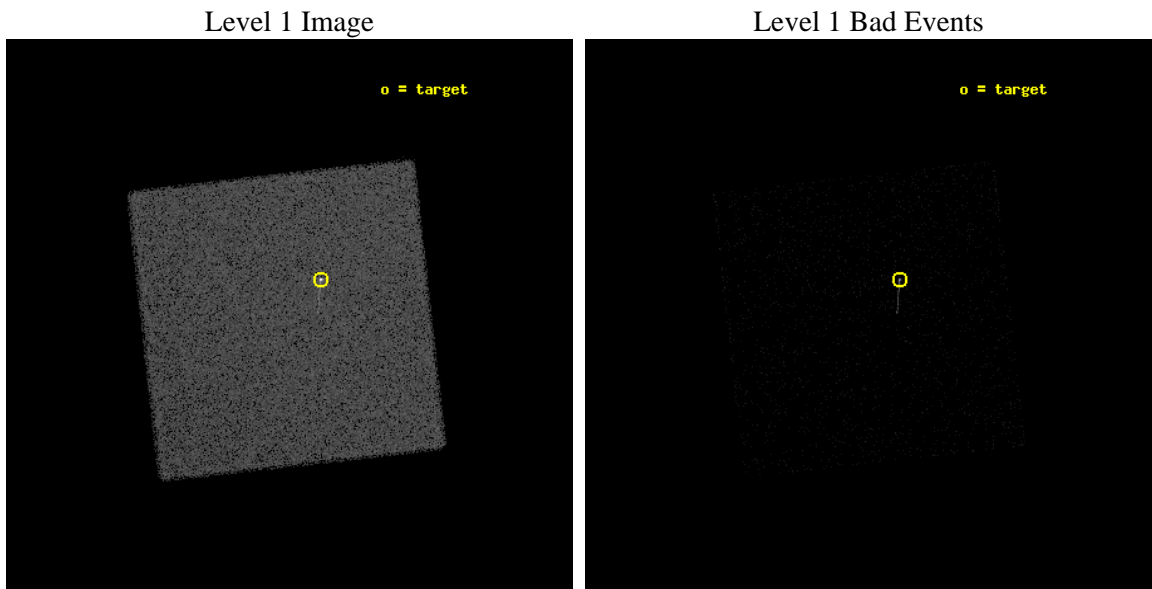
seq_num	290824	Sequence number
obs_id	10588	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.25392888882	Nominal RA [deg]
dec_nom	45.66225612534	Nominal Dec [deg]
roll_nom	218.56716589732	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1181.8250594139	[s]
livetime	1167.0436377409	Ontime multiplied by DTCOR
l2events	94216	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	1181.8250594139	[s]
caldbver	4.5.1.1	 	l1events	172818	Number of level 1 events
date	2012-08-13T14:22:45	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

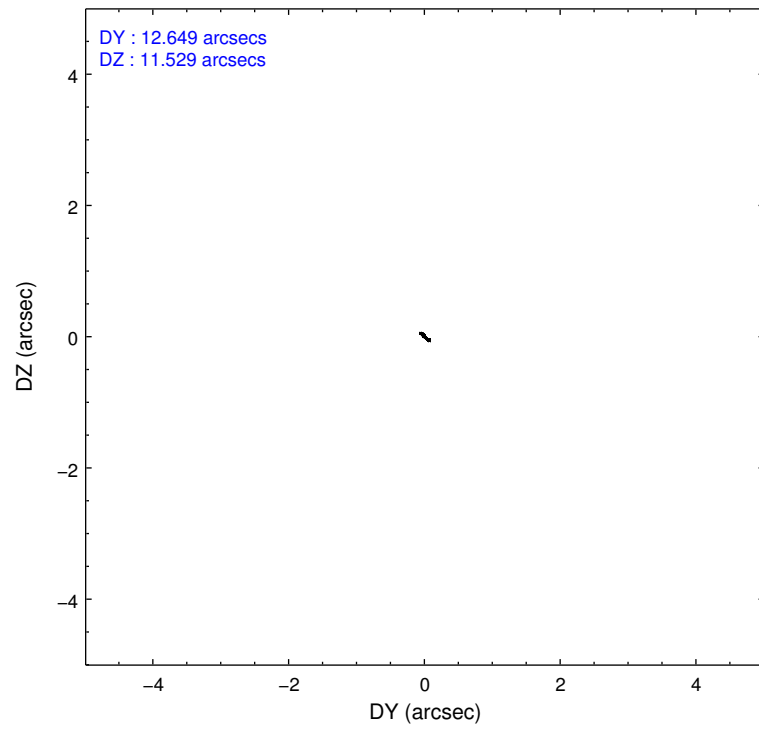
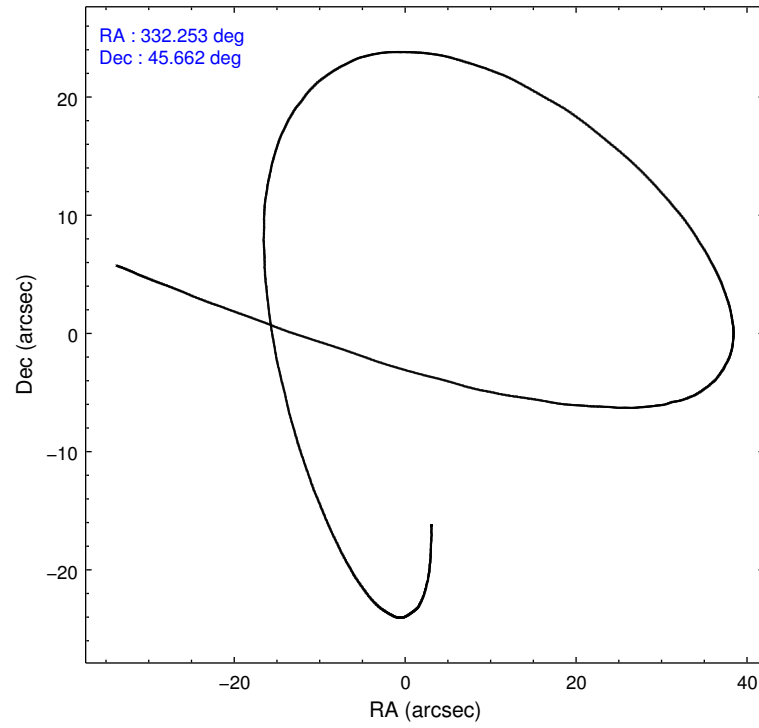
Level 1 Events

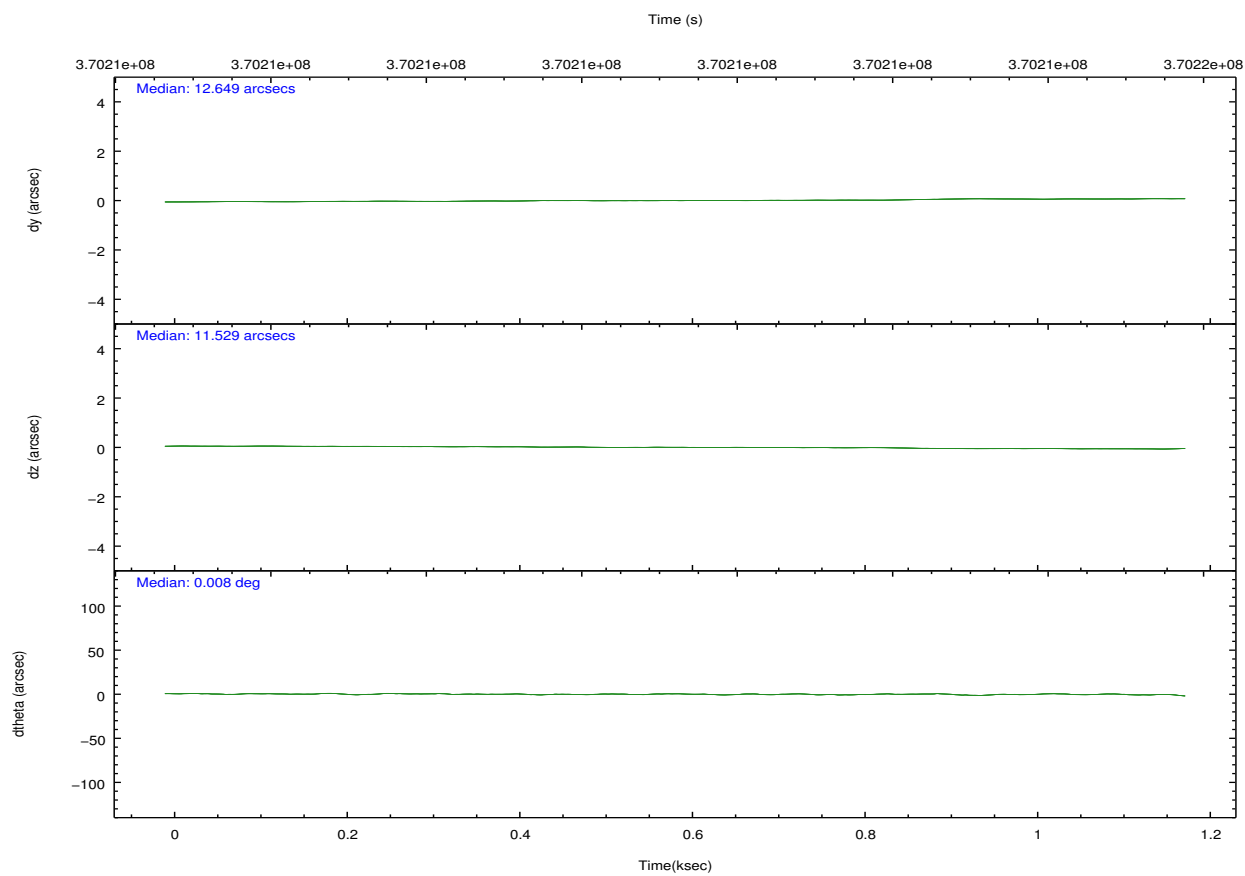
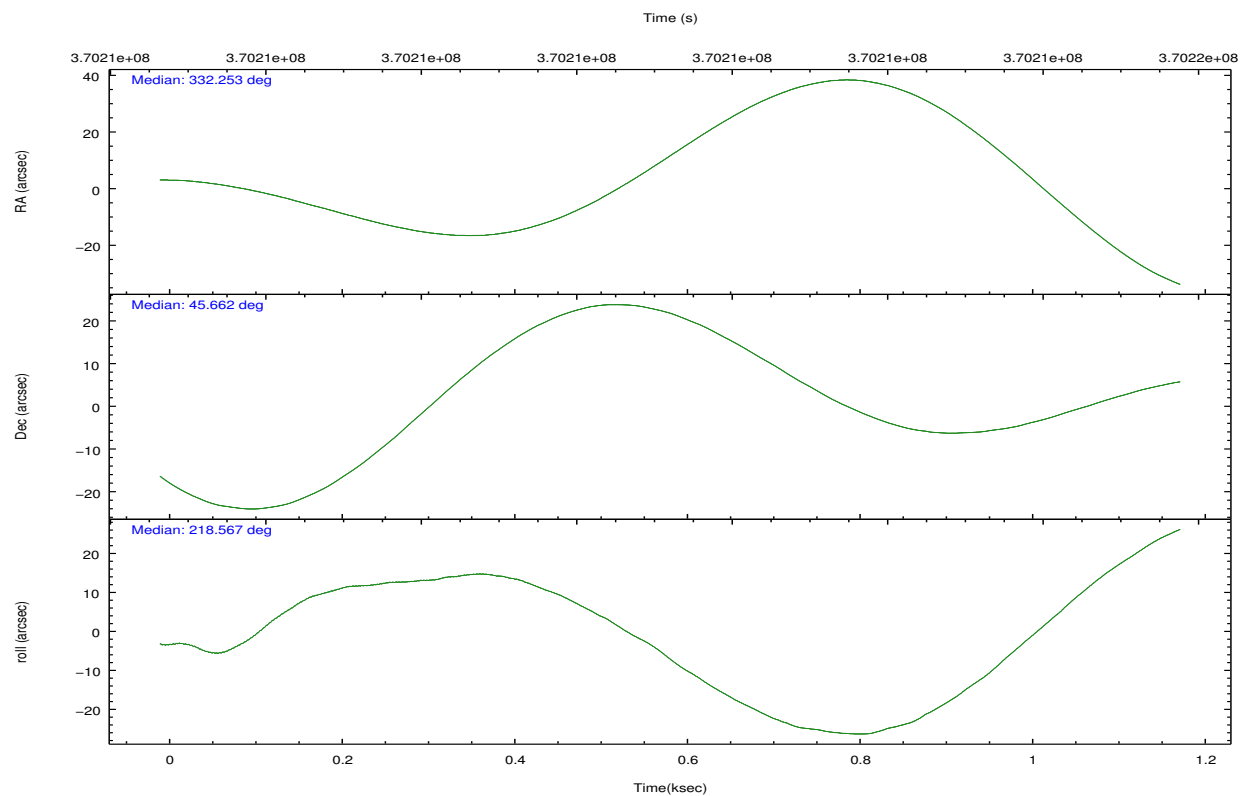
	segment 0
level 1 events	172818
rejected events	37723
rejected %	21%

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	332.267119	332.2539288888241			
[deg] Pointing Dec	45.688561	45.66225612533974			
[deg] Pointing Roll	218.653241	218.5671658973226			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	370213899.184000	370213523.19686			
Observation start date	2009-09-24T21:10:33	2009-09-24T21:05:23			
[s] Observation end time (MET)	370214899.184000	370215033.53444			
Observation end date	2009-09-24T21:27:13	2009-09-24T21:30:33			

2.3 Aspect



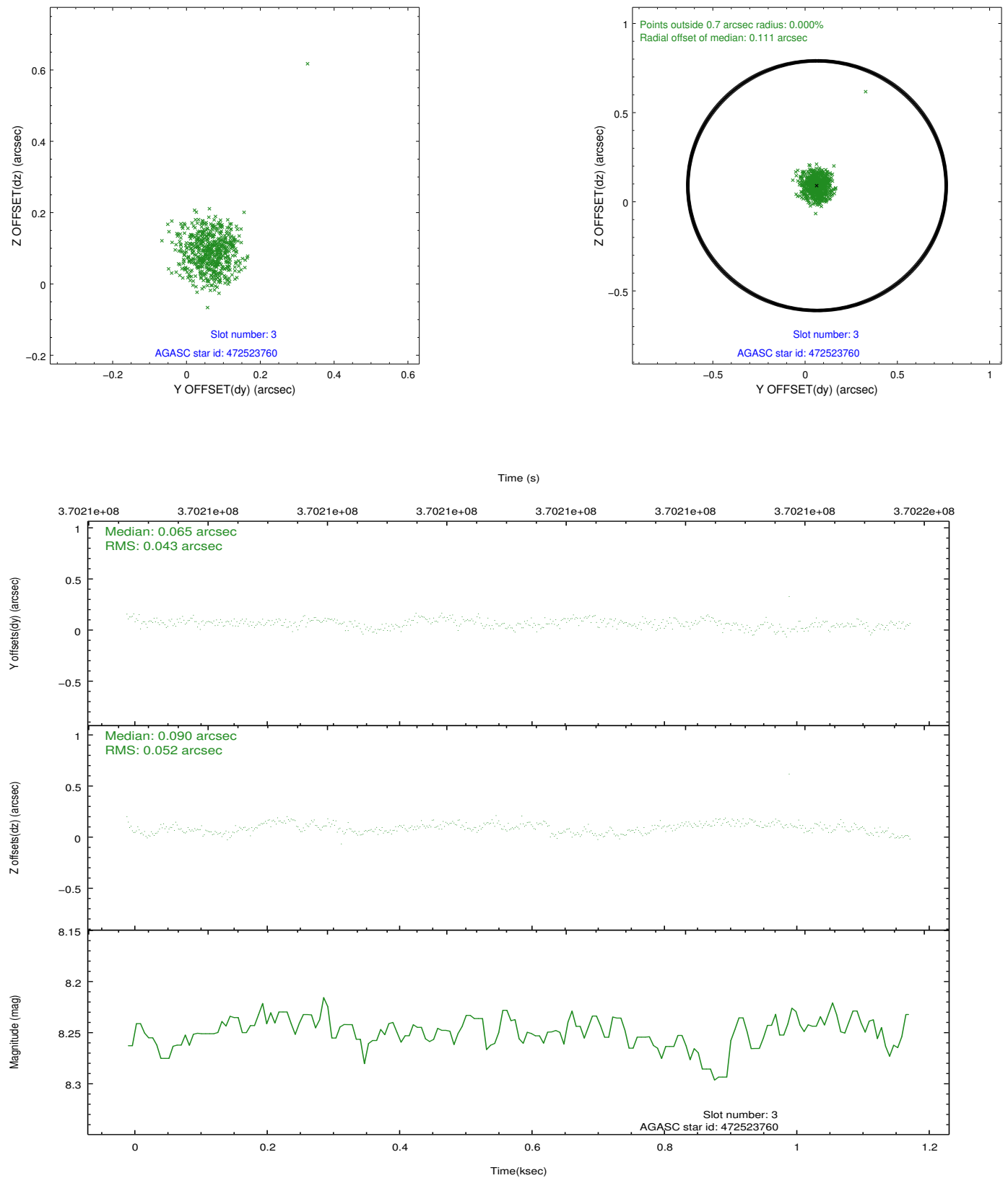


Slot Statistics

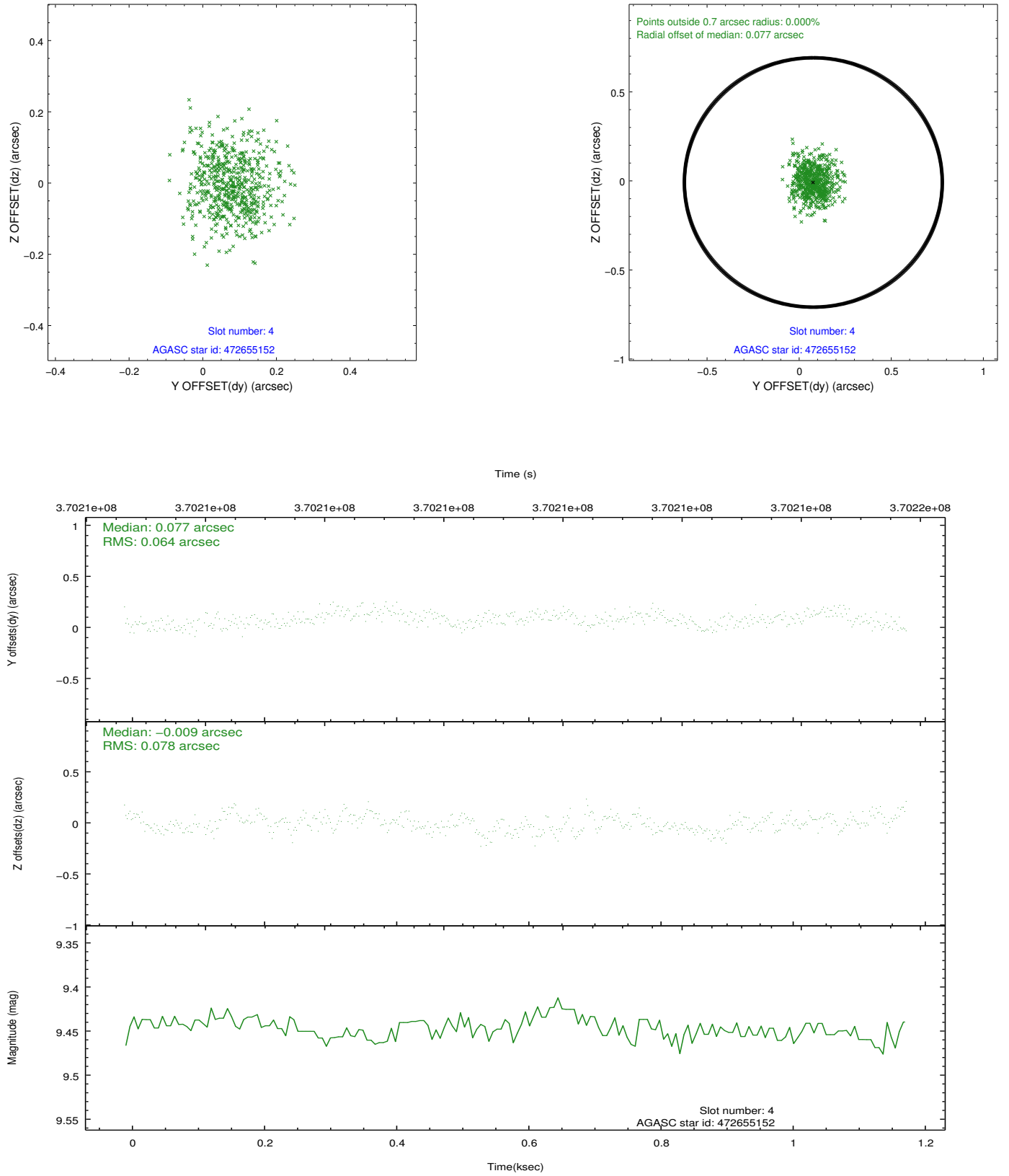
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	289	-0.063	0.008	0.006	0.011	0.000000	0.000000	-768.45	-1299.46
1	FID	HRC-I-2	7.01	289	0.215	-0.120	0.005	0.009	0.000000	0.000000	841.80	-1305.64
2	FID	HRC-I-3	7.07	289	-0.033	0.023	0.006	0.009	0.000000	0.000000	-1194.01	1000.61
3	GUIDE	472523760	8.25	578	0.065	0.090	0.069	0.104	331.645363	45.403260	1864.18	-186.41
4	GUIDE	472655152	9.45	574	0.077	-0.009	0.106	0.177	332.504239	45.862991	-854.54	-122.14
5	GUIDE	472659832	9.47	578	-0.015	0.080	0.097	0.165	332.780399	46.098139	-1926.66	-356.78
6	GUIDE	472665256	9.02	578	0.162	-0.048	0.083	0.138	332.808125	46.195041	-2198.72	-588.38
7	GUIDE	472525528	6.64	577	-0.295	-0.105	0.067	0.116	331.551102	45.248694	2396.16	93.45

2.4 Star Slots

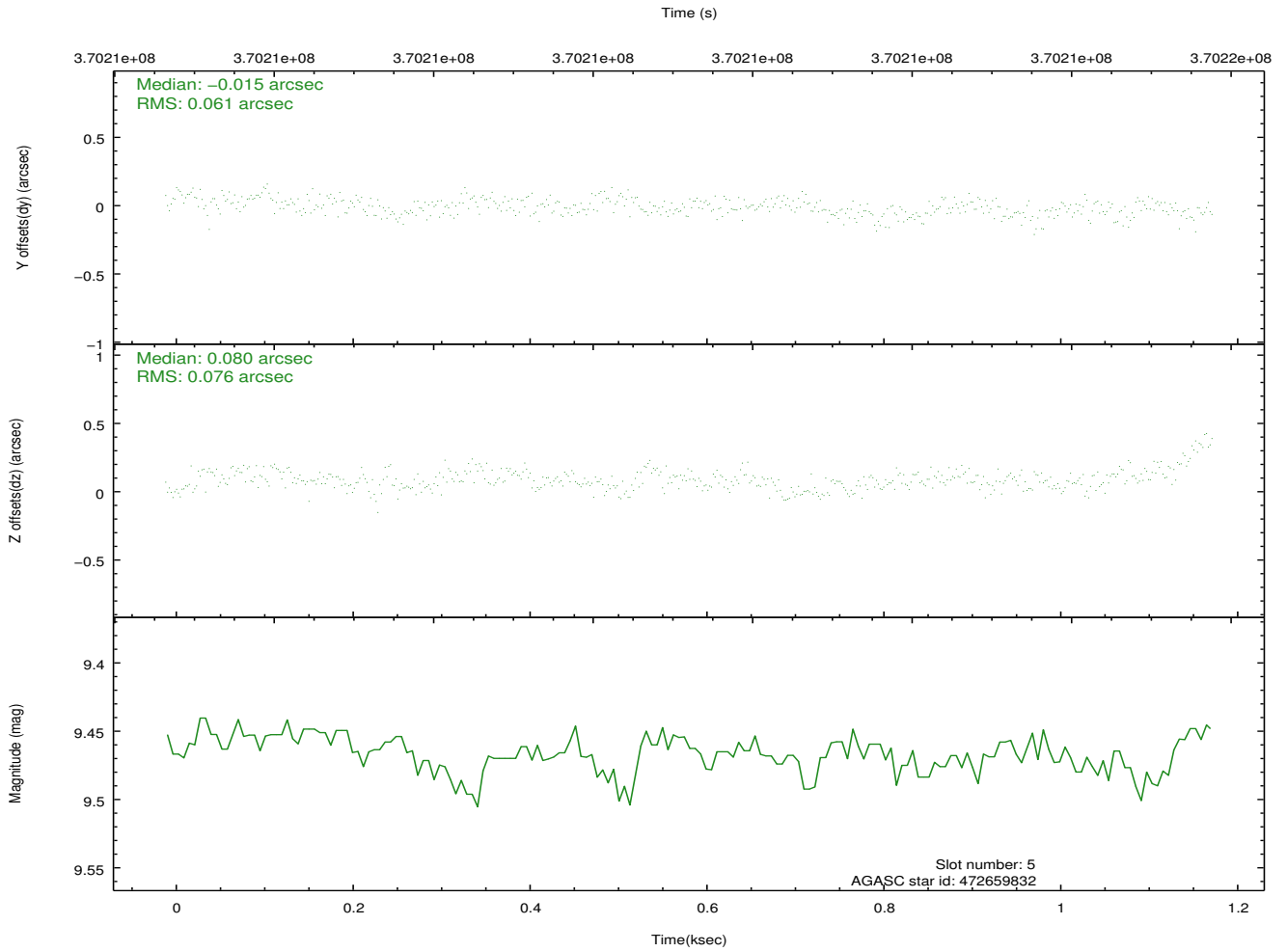
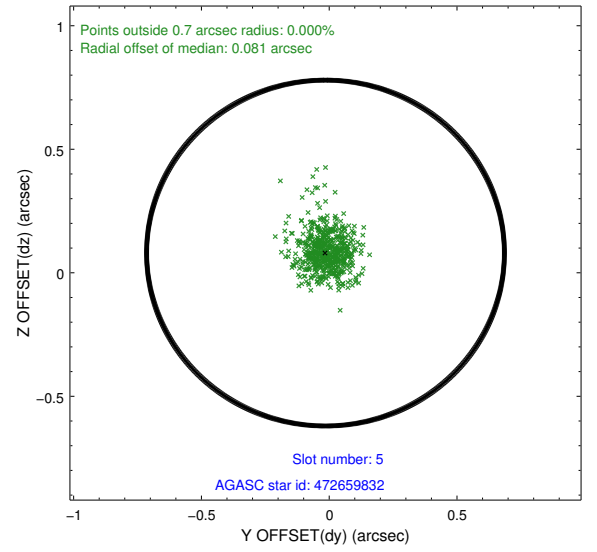
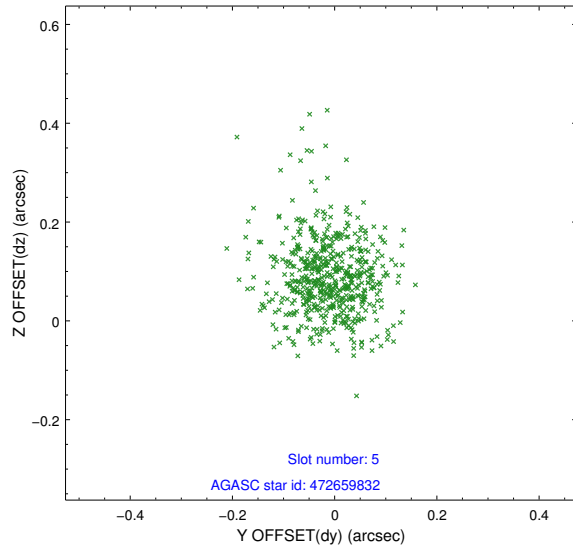
2.4.1 Slot 3



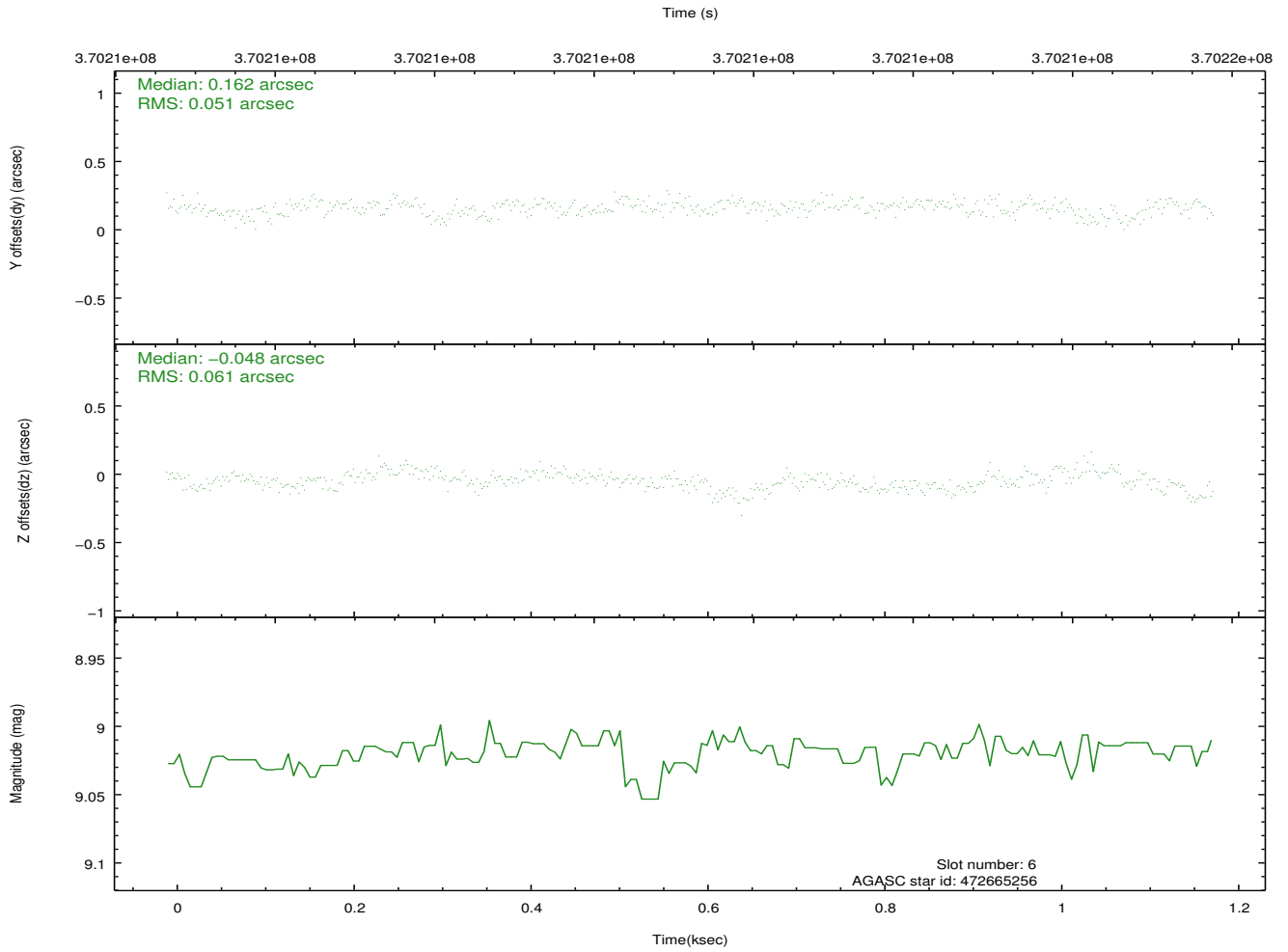
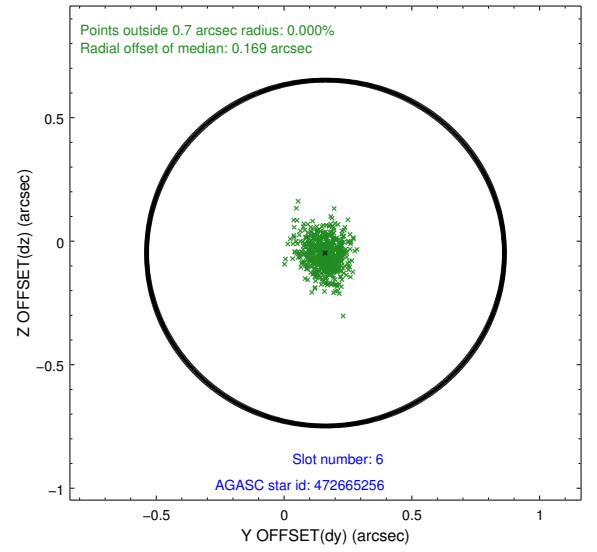
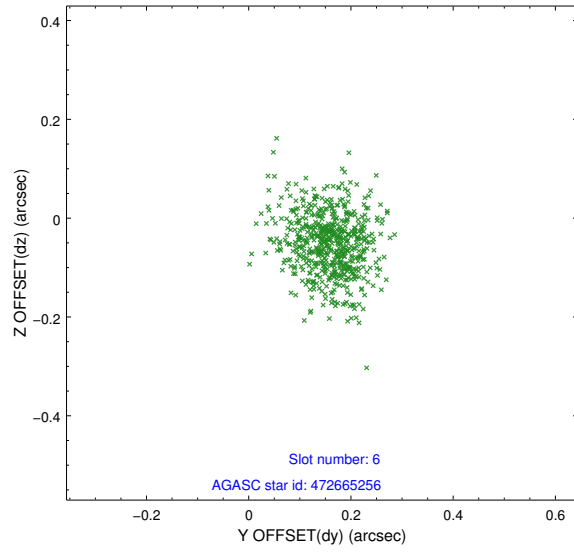
2.4.2 Slot 4



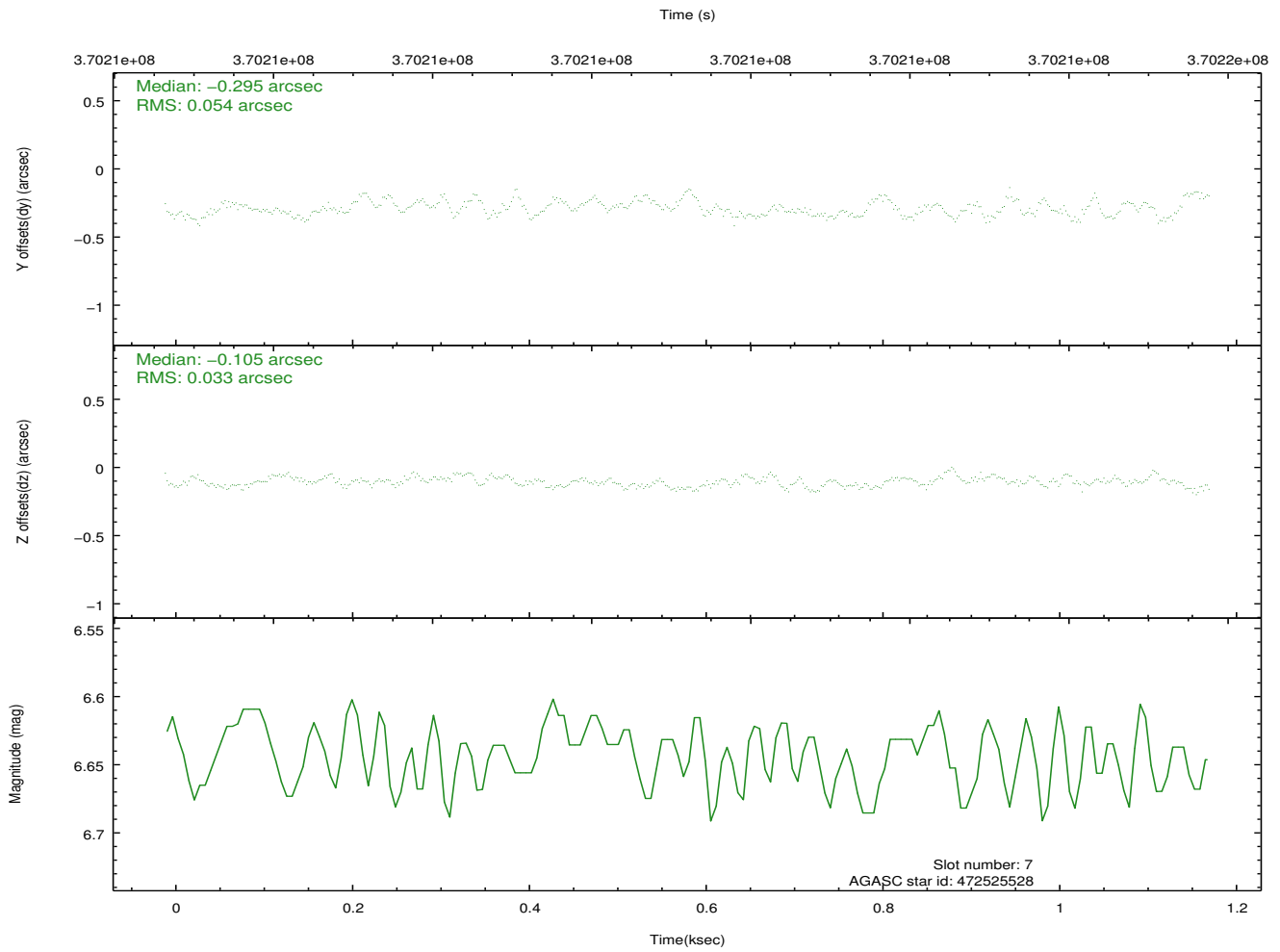
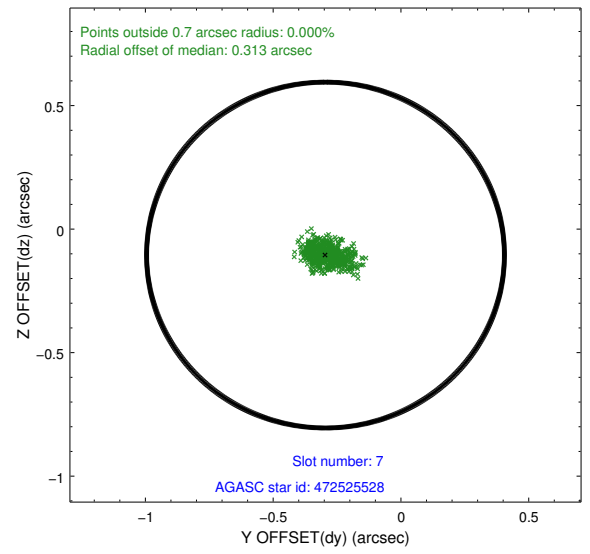
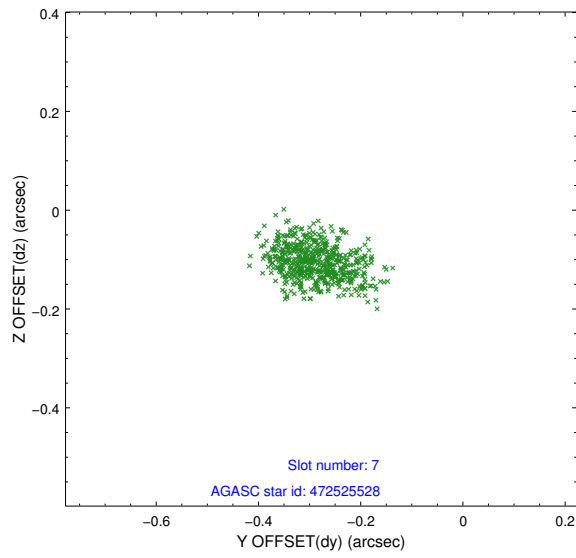
2.4.3 Slot 5



2.4.4 Slot 6

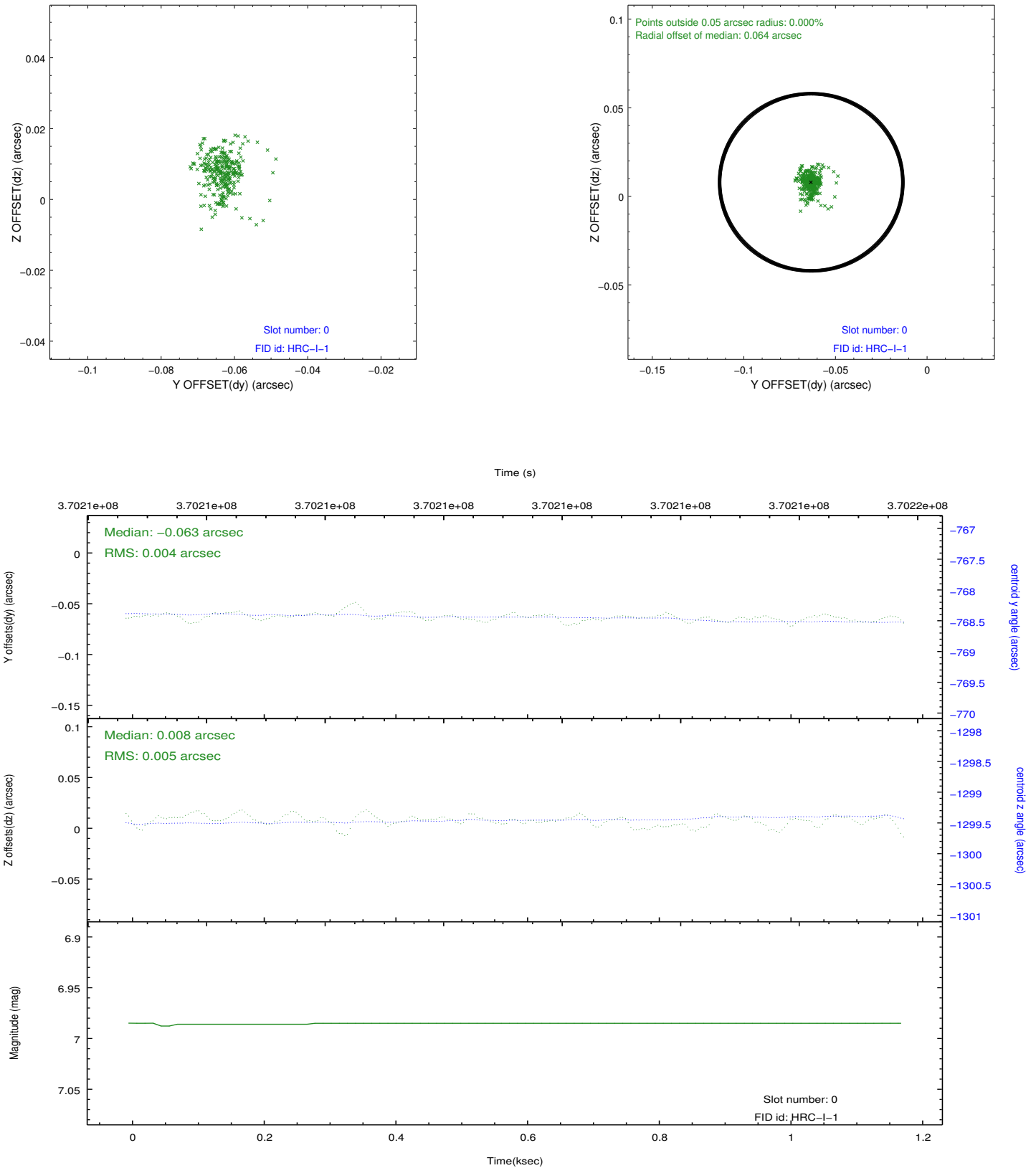


2.4.5 Slot 7

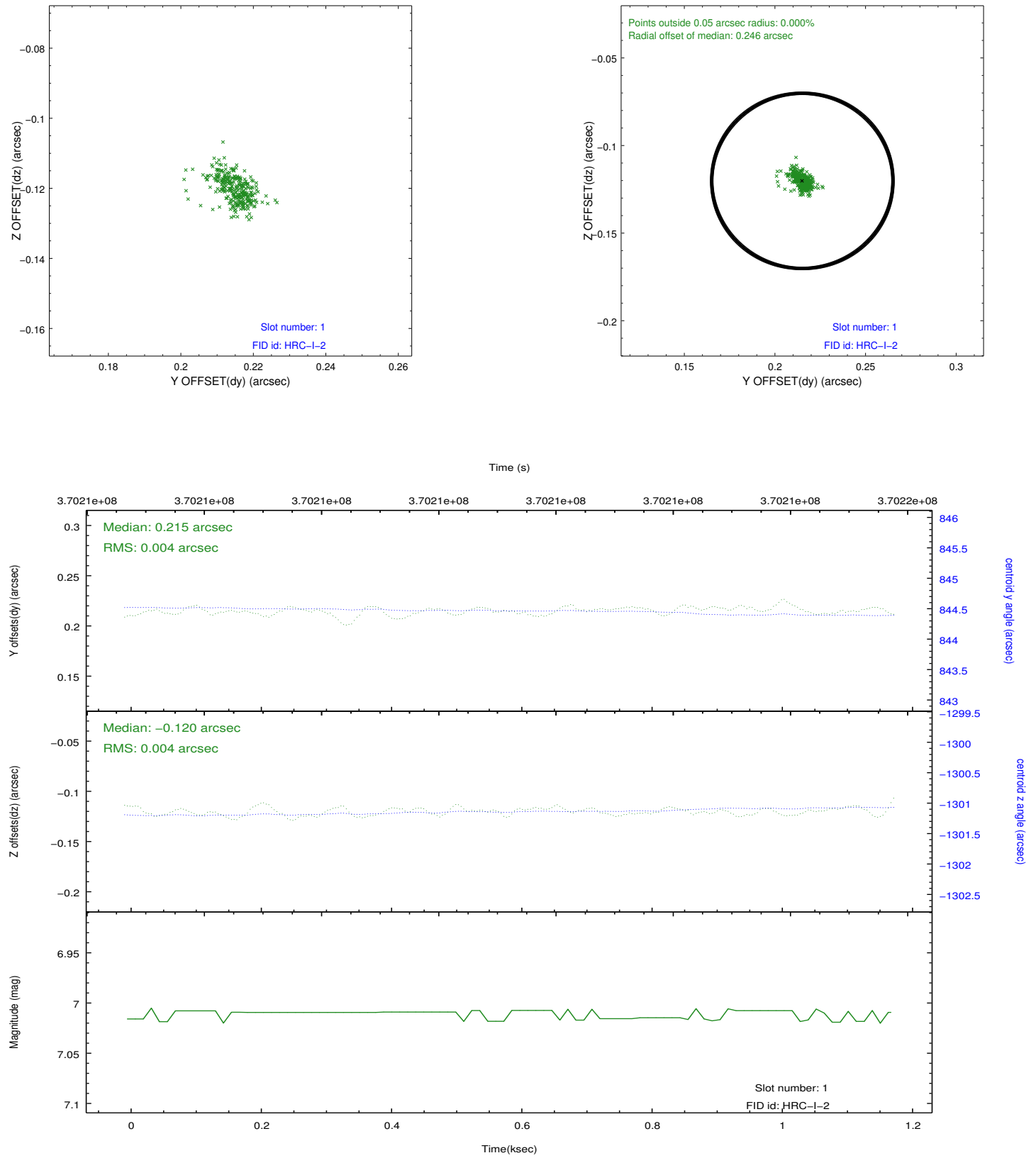


2.5 FID Slots

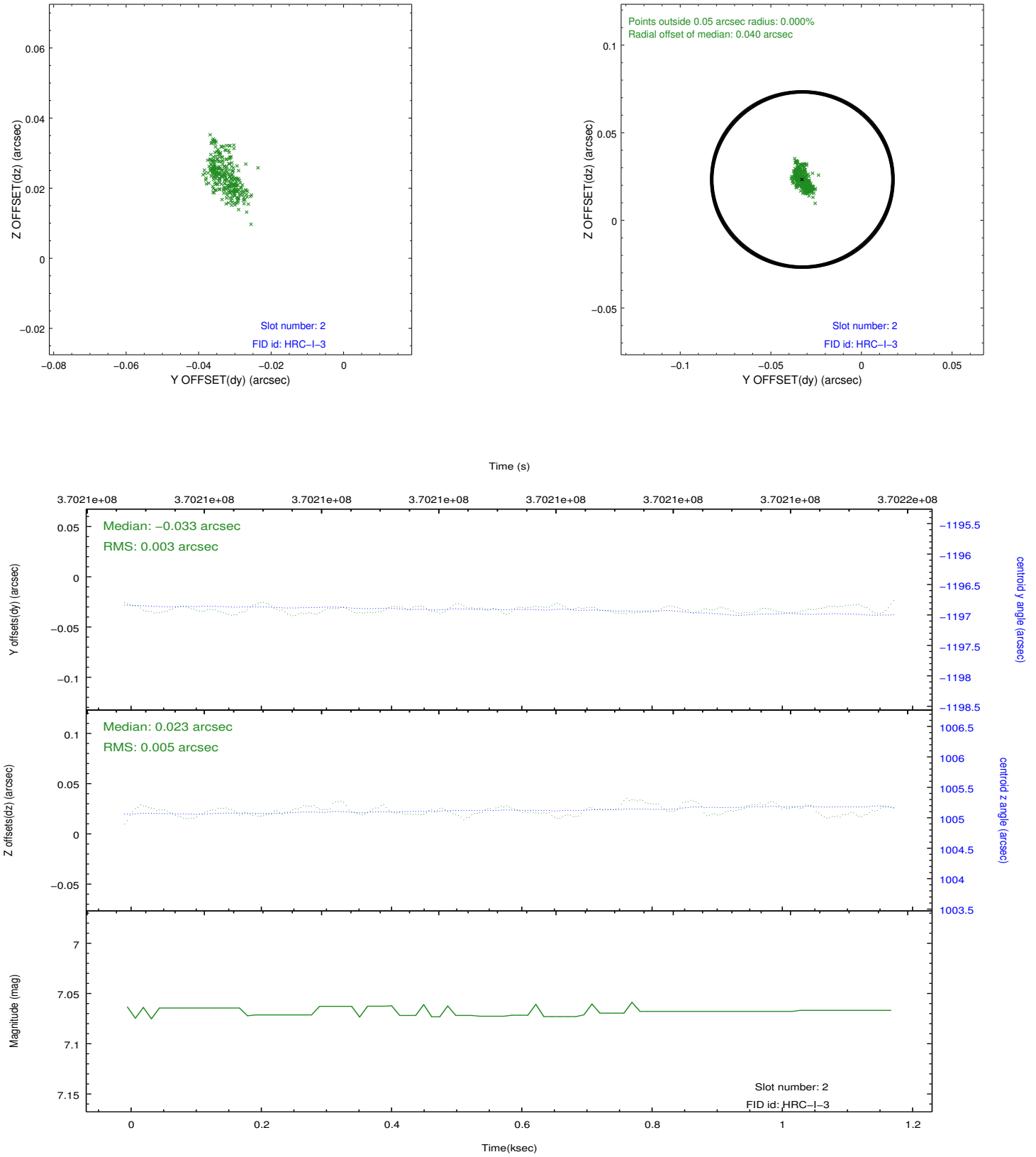
2.5.1 Slot 0



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)	2012.08.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1818250593543

A.2 Comments