

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10598 - L2 Version 3
Chandra X-Ray Center

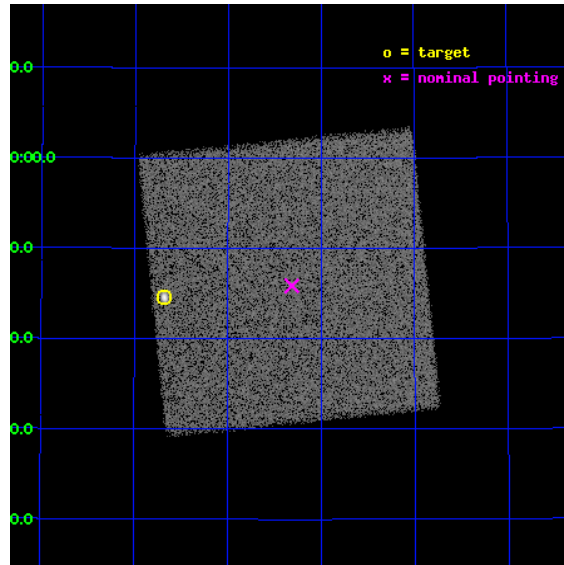
L2 Processing Date : Aug 13 2012

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1 Front

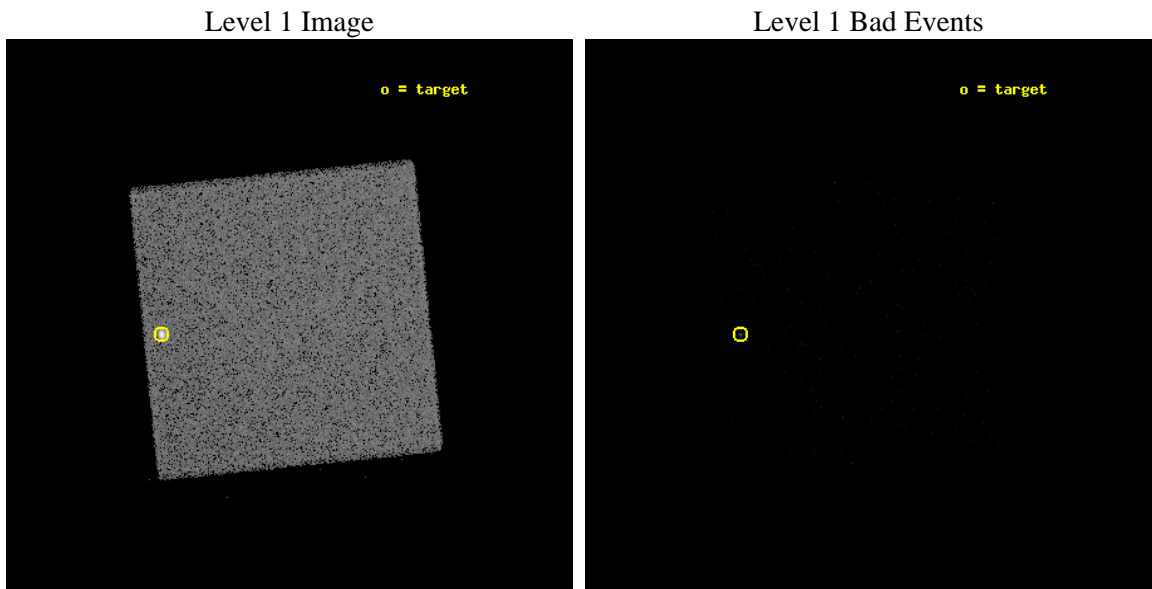
seq_num	290834	Sequence number
obs_id	10598	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.82843017381	Nominal RA [deg]
dec_nom	45.764494694956	Nominal Dec [deg]
roll_nom	219.21726353338	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1181.8250593543	[s]
livetime	1167.0791777392	Ontime multiplied by DTCOR
l2events	93483	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	1181.8250593543	[s]
caldbver	4.5.1.1	 	l1events	161124	Number of level 1 events
date	2012-08-13T16:15:37	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

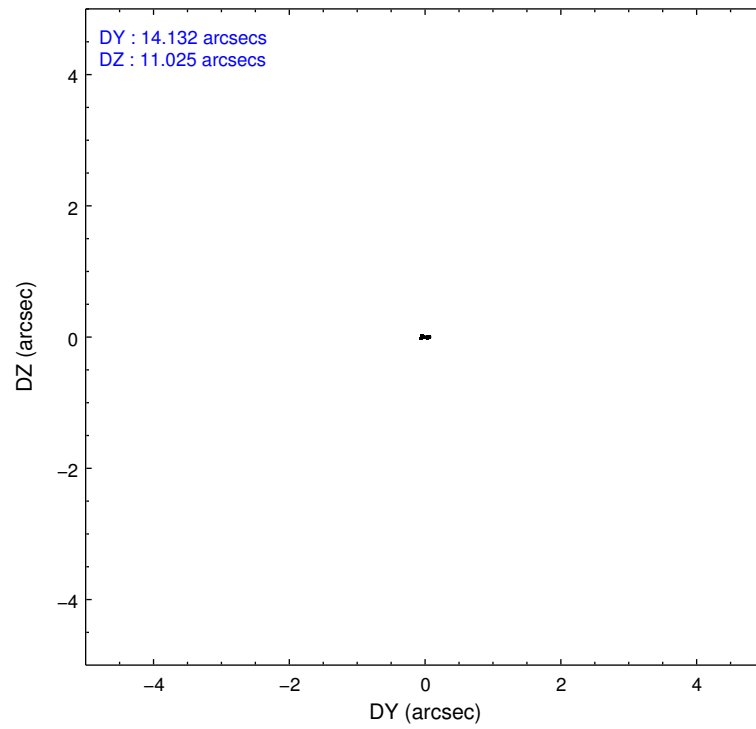
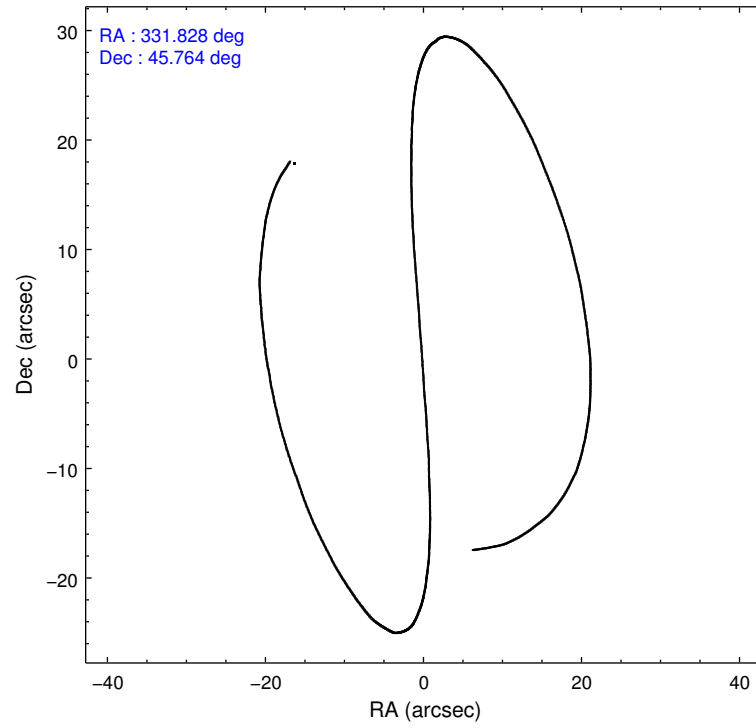
	segment 0
level 1 events	161124
rejected events	26468
rejected %	16%

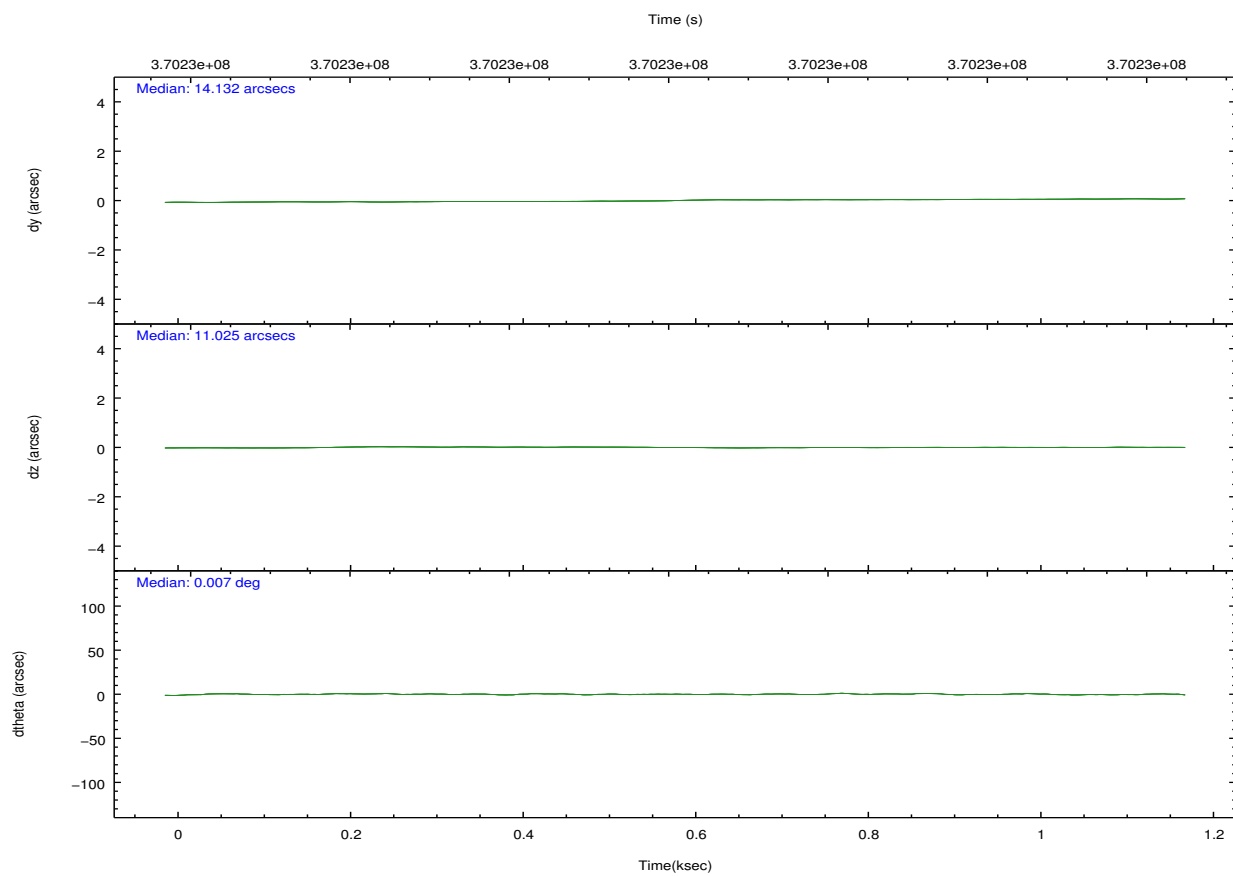
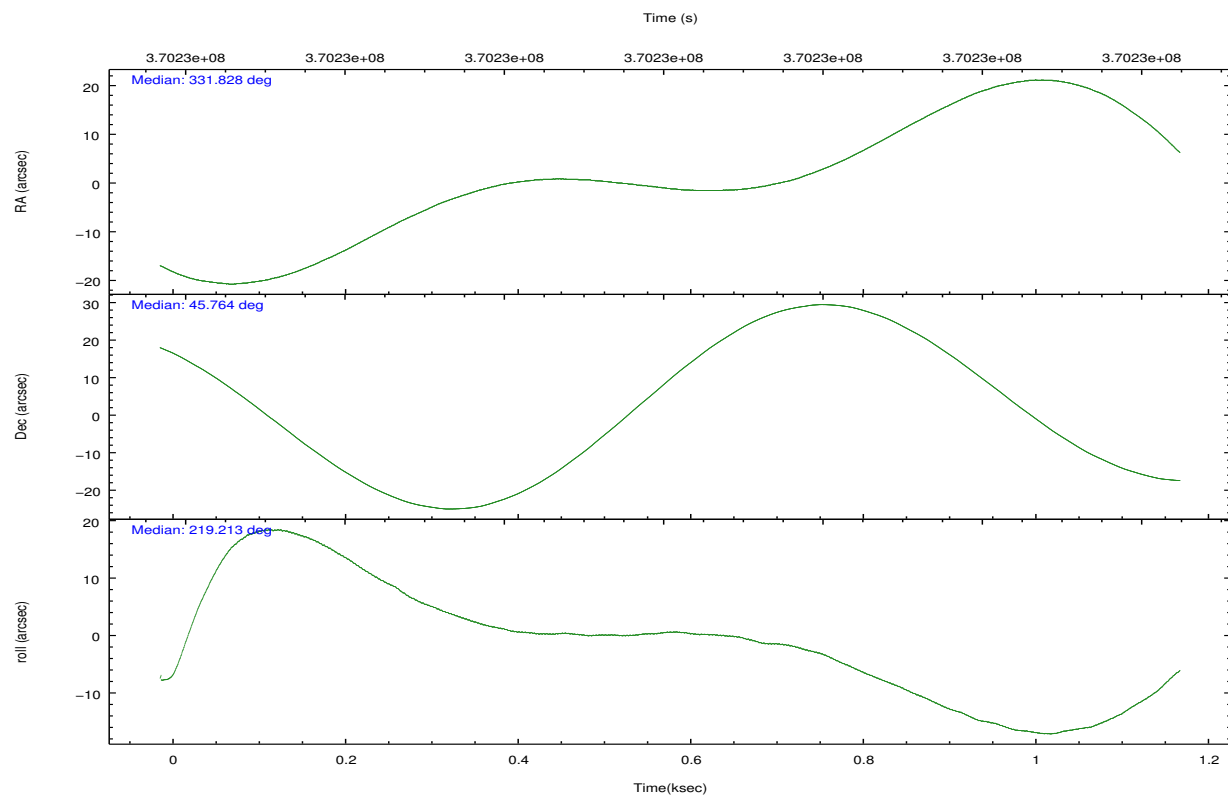
2.2 Compared Parameters

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	331.841144	331.8284301738104
[deg] Pointing Dec	45.790538	45.76449469495602
[deg] Pointing Roll	219.303724	219.2172635333815
[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)	370228999.184000	370228622.98512
Observation start date	2009-09-25T01:22:13	2009-09-25T01:17:02
[s] Observation end time (MET)	370229999.184000	370230810.33523
Observation end date	2009-09-25T01:38:53	2009-09-25T01:53:30

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

2.3 Aspect



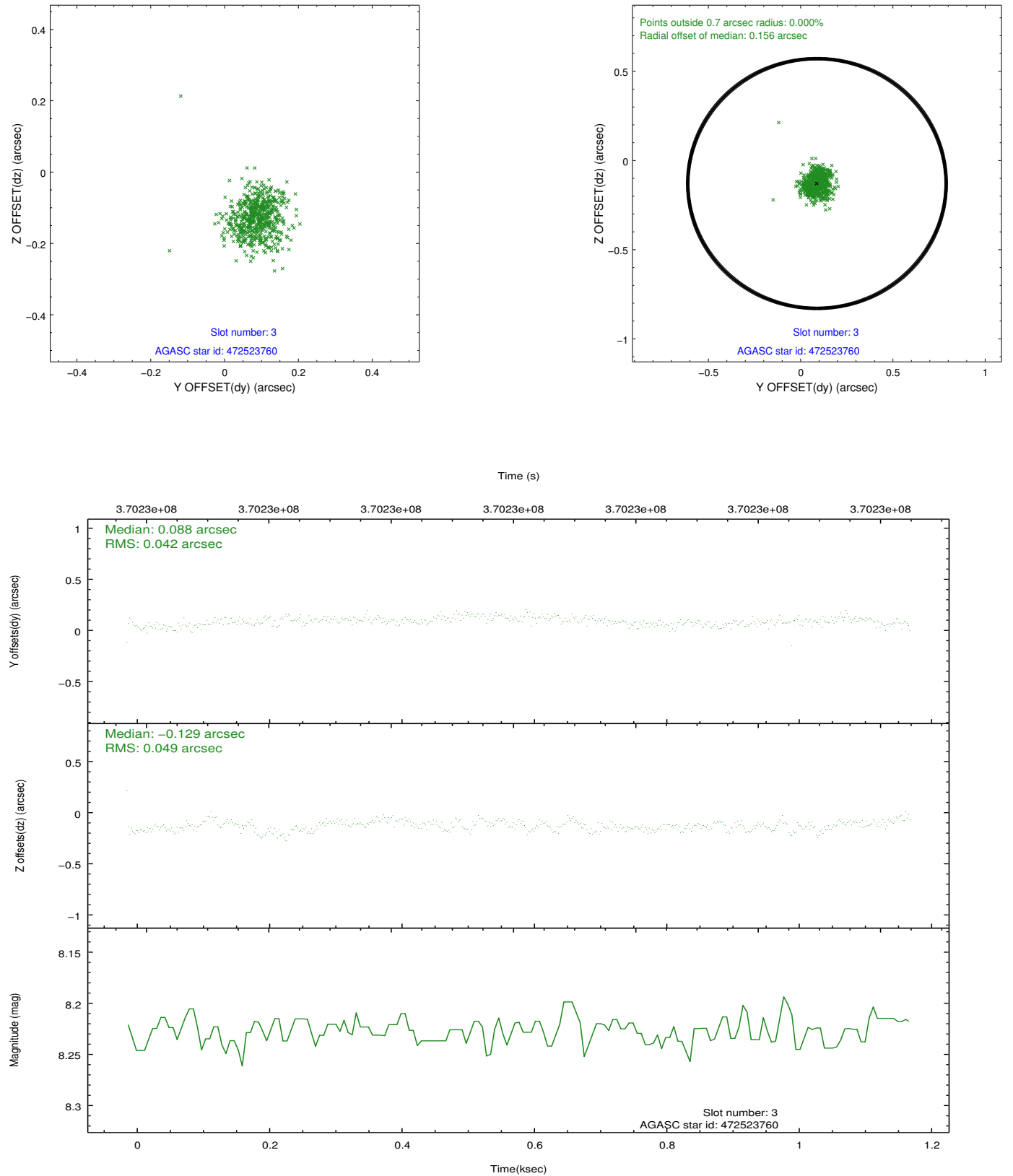


Slot Statistics

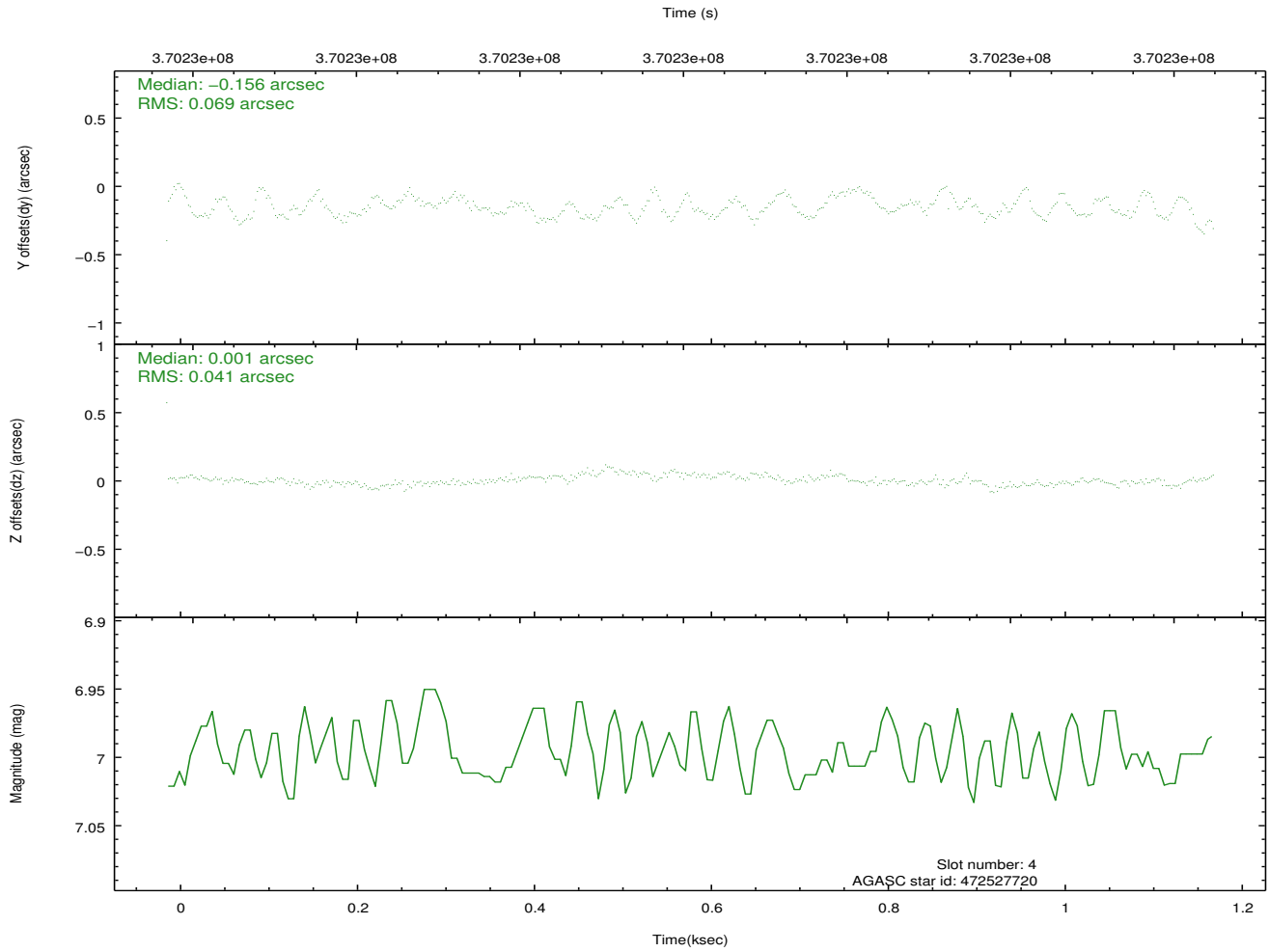
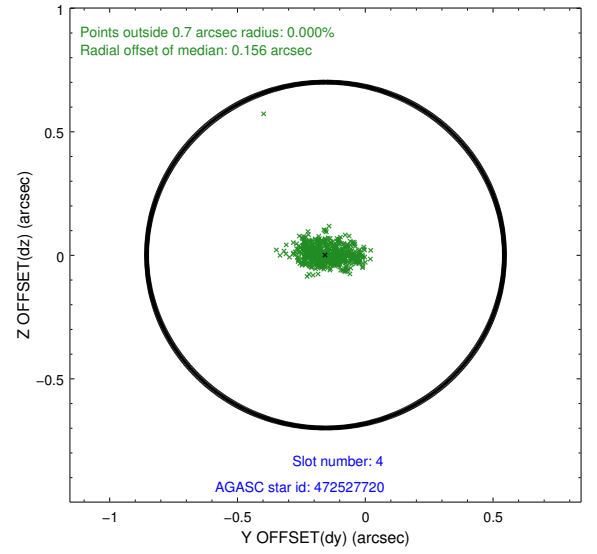
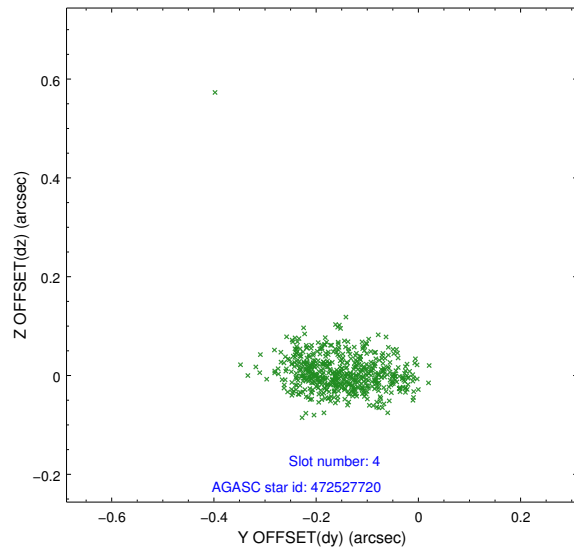
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	289	-0.086	-0.006	0.006	0.010	0.000000	0.000000	-769.96	-1298.97
1	FID	HRC-I-2	7.02	289	0.234	-0.114	0.005	0.010	0.000000	0.000000	840.32	-1305.10
2	FID	HRC-I-3	7.07	289	-0.029	0.029	0.006	0.011	0.000000	0.000000	-1195.54	1001.11
3	GUIDE	472523760	8.23	578	0.088	-0.129	0.068	0.106	331.645363	45.403260	1265.84	763.60
4	GUIDE	472527720	7.00	578	-0.156	0.001	0.083	0.133	331.460205	45.112509	2295.58	1274.24
5	GUIDE	472533912	9.15	578	0.079	-0.034	0.115	0.191	331.791136	46.368695	-1218.11	-1688.50
6	GUIDE	472535576	7.88	578	-0.022	0.022	0.056	0.096	331.438373	46.291802	-371.32	-2037.18
7	GUIDE	472536328	8.14	577	0.011	0.120	0.067	0.109	331.496671	46.454831	-855.32	-2397.86

2.4 Star Slots

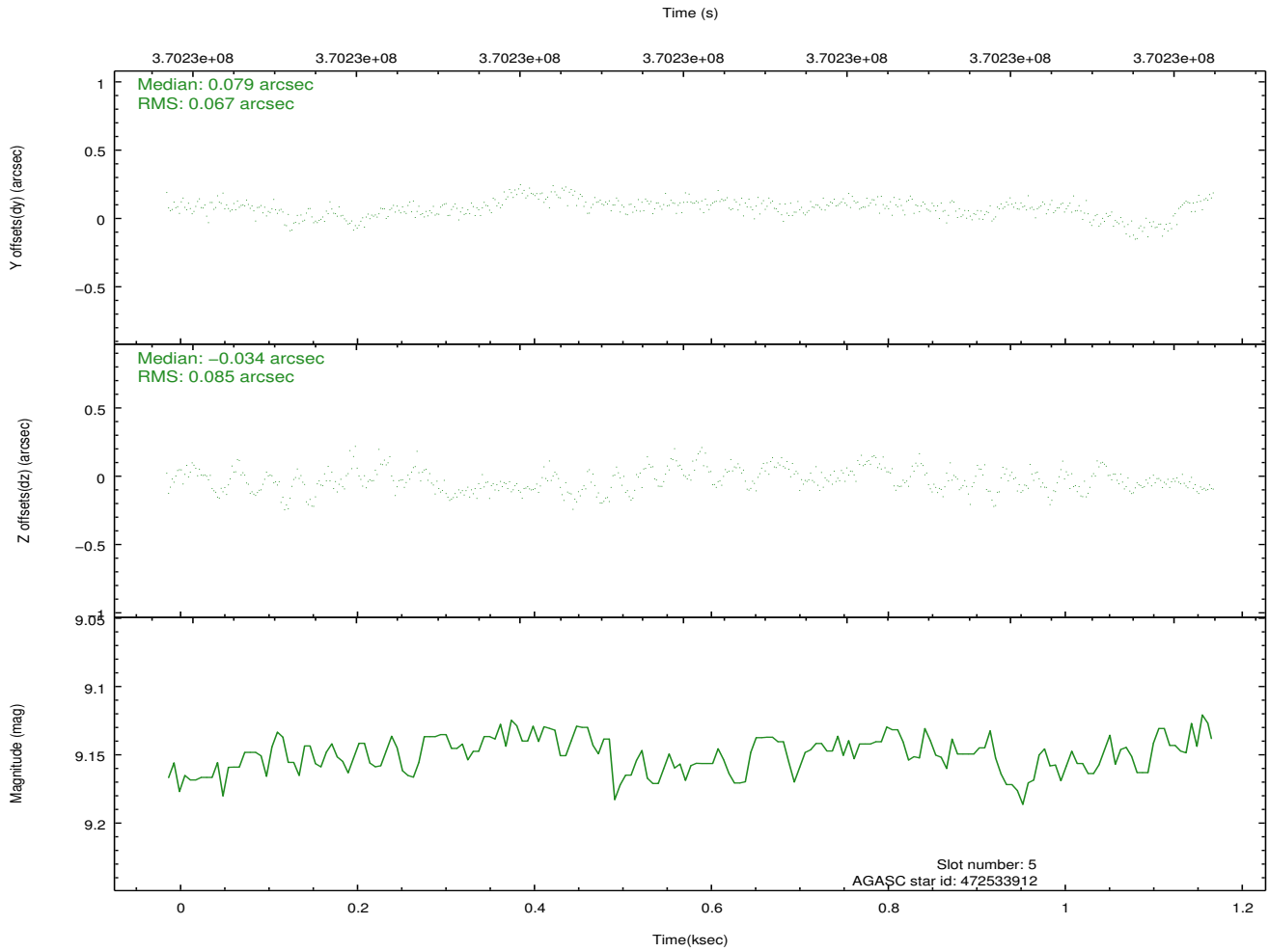
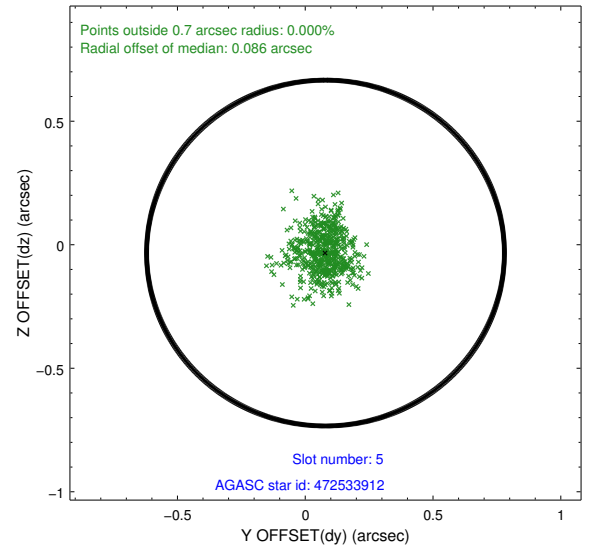
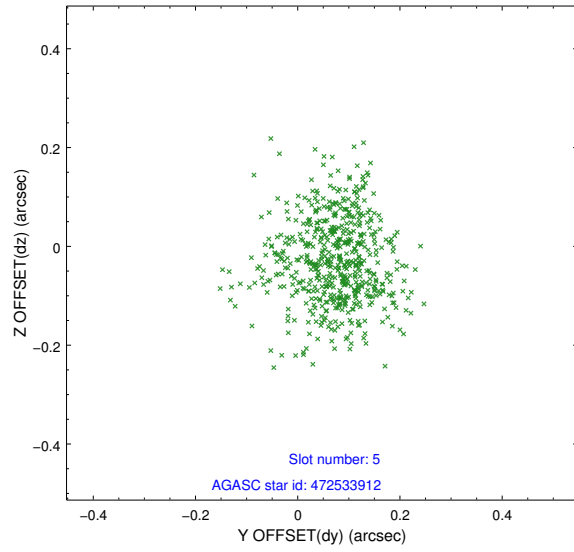
2.4.1 Slot 3



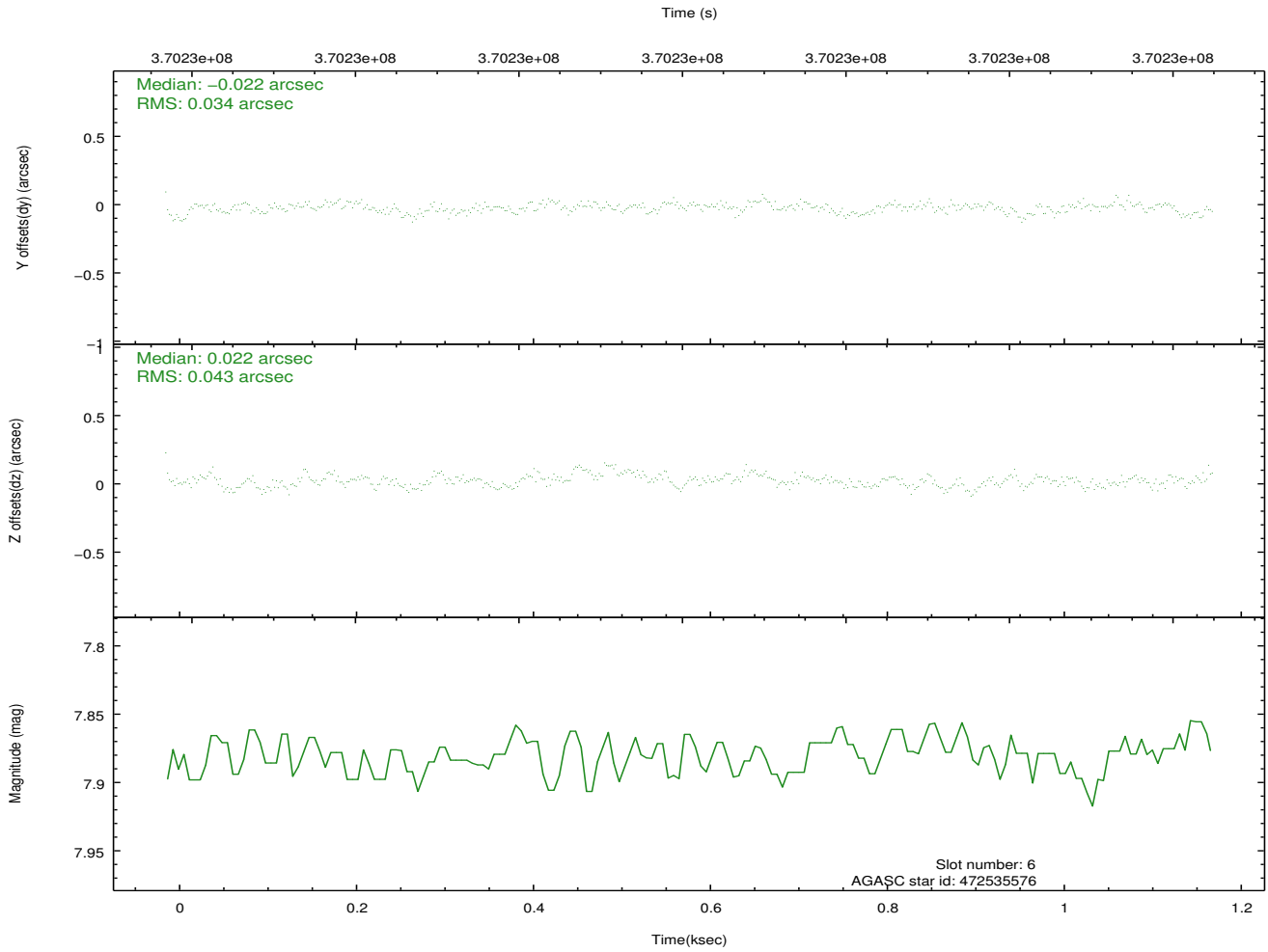
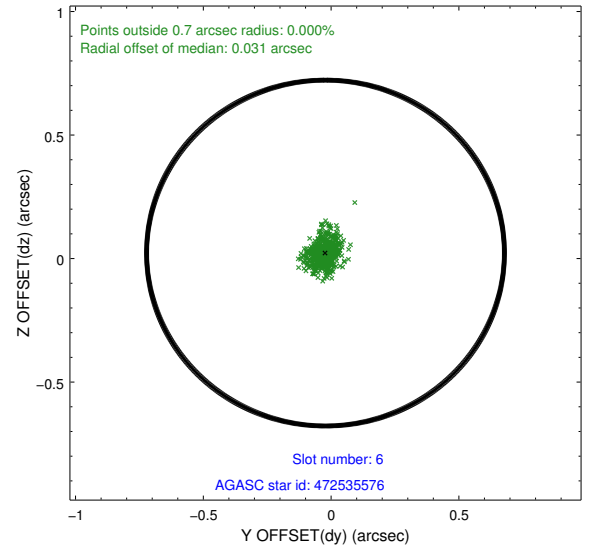
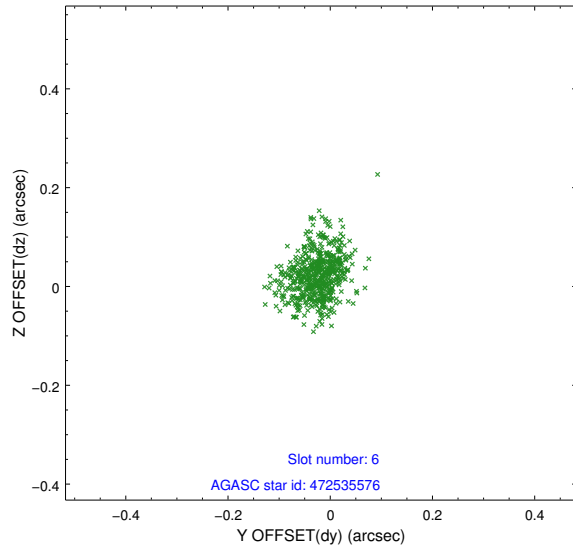
2.4.2 Slot 4



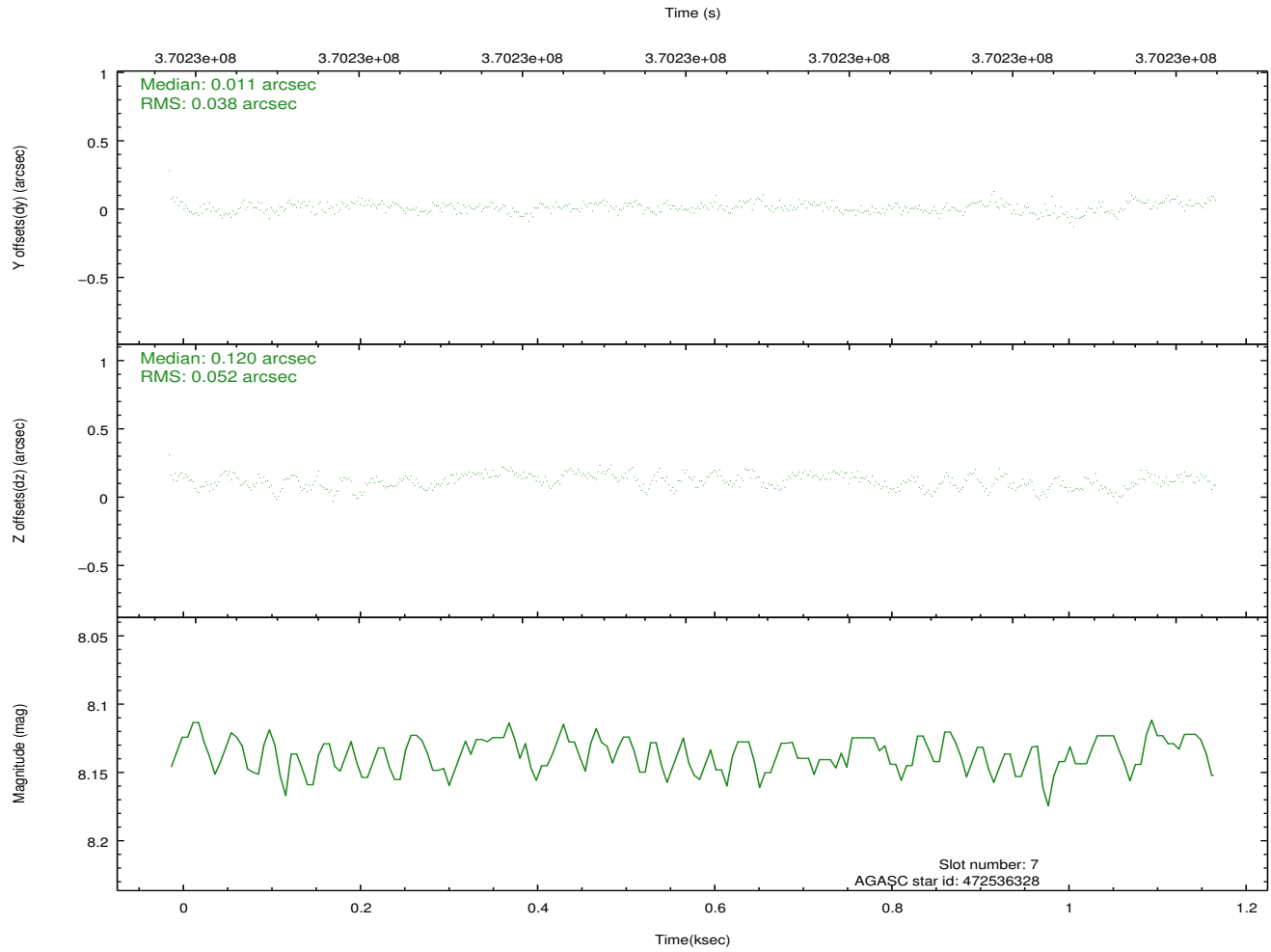
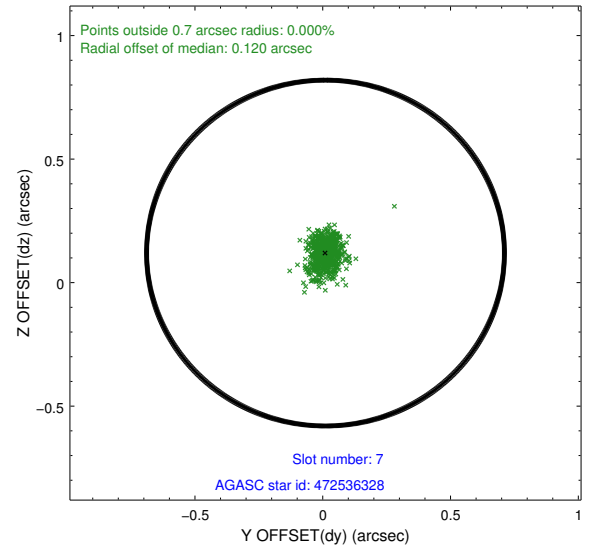
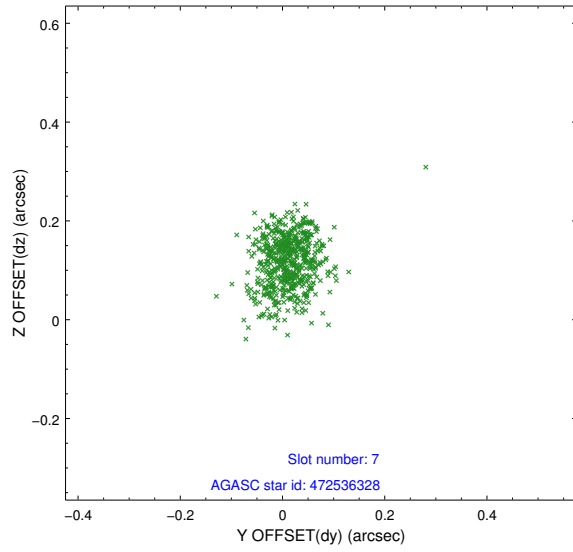
2.4.3 Slot 5



2.4.4 Slot 6

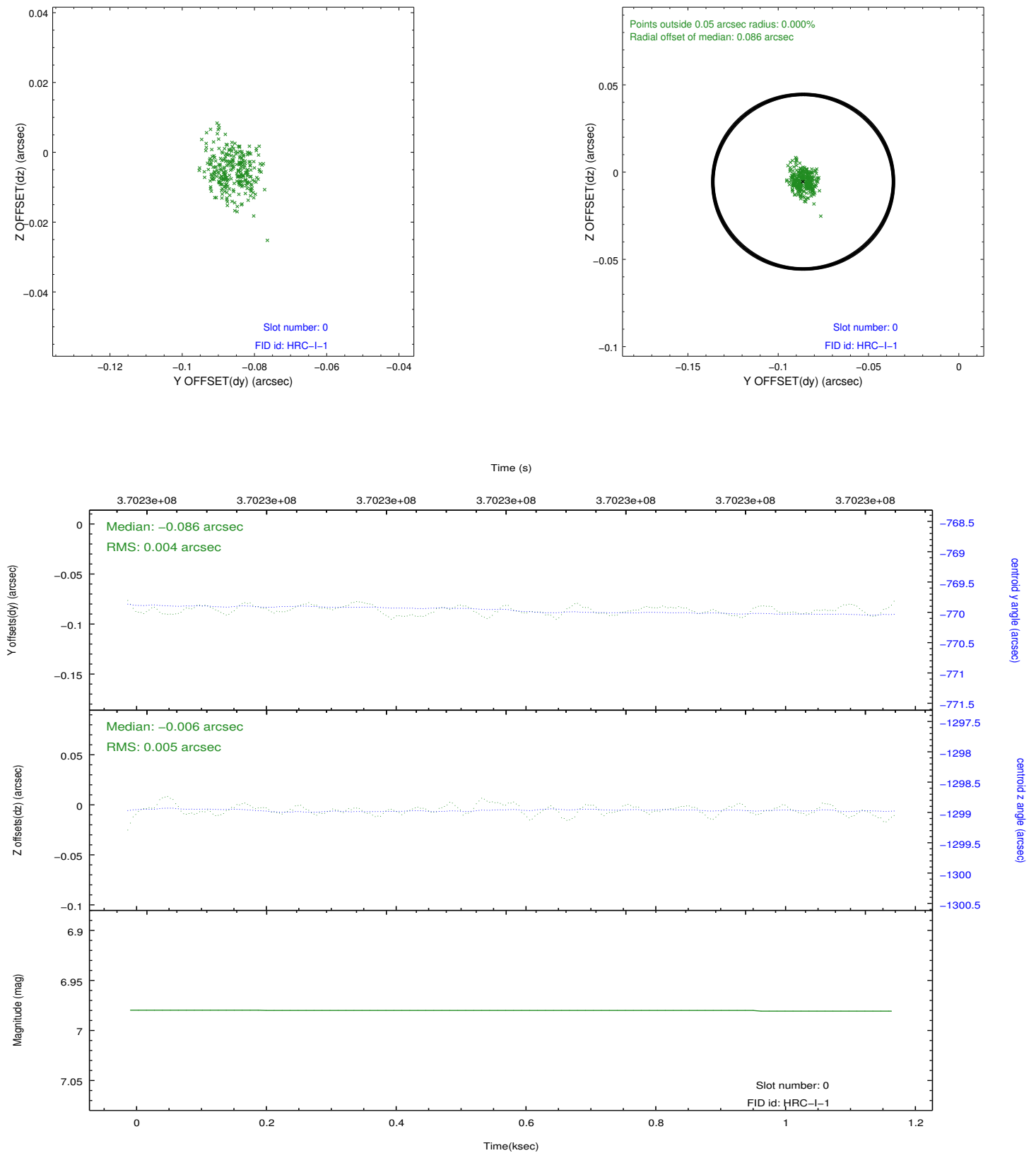


2.4.5 Slot 7

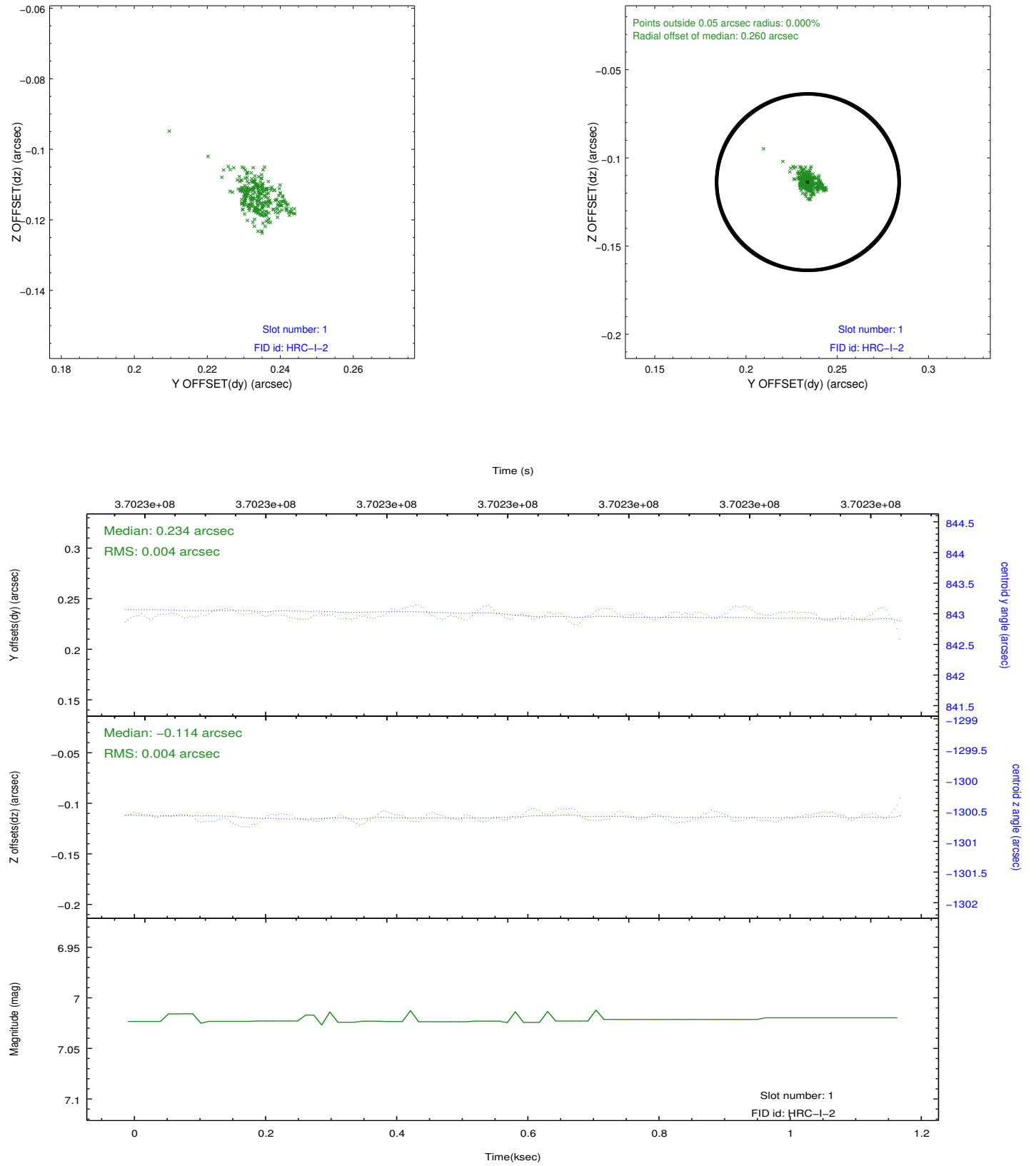


2.5 FID Slots

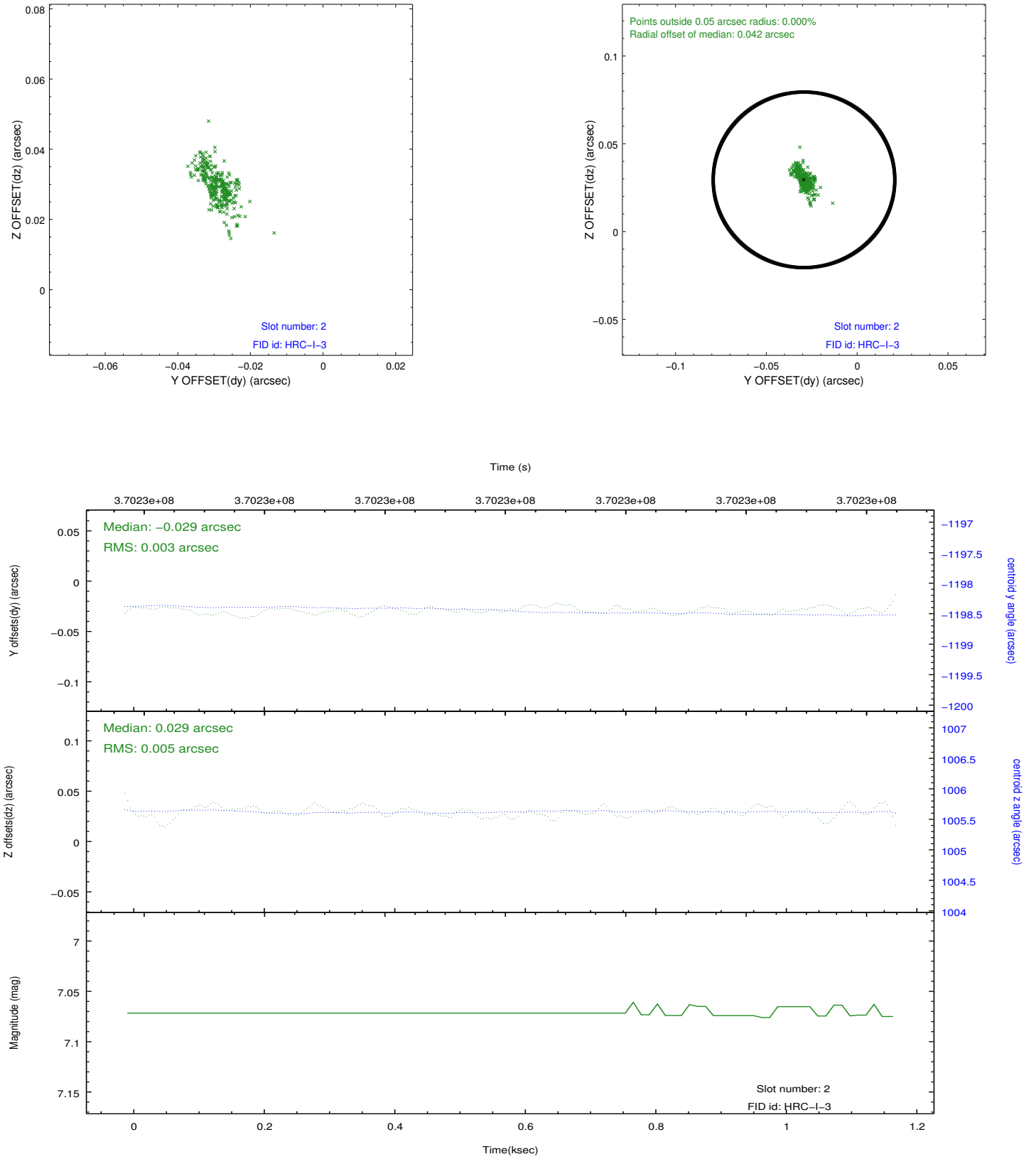
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1818250593543

A.2 Comments