

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4307 - L2 Version 4
Chandra X-Ray Center

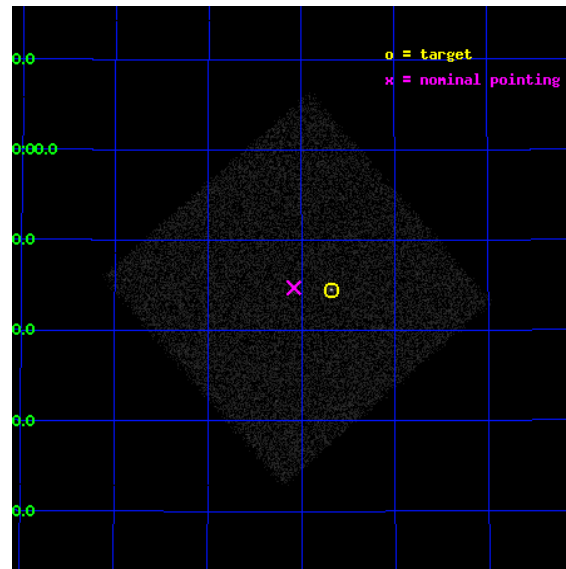
L2 Processing Date : Oct 23 2012

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1 Front

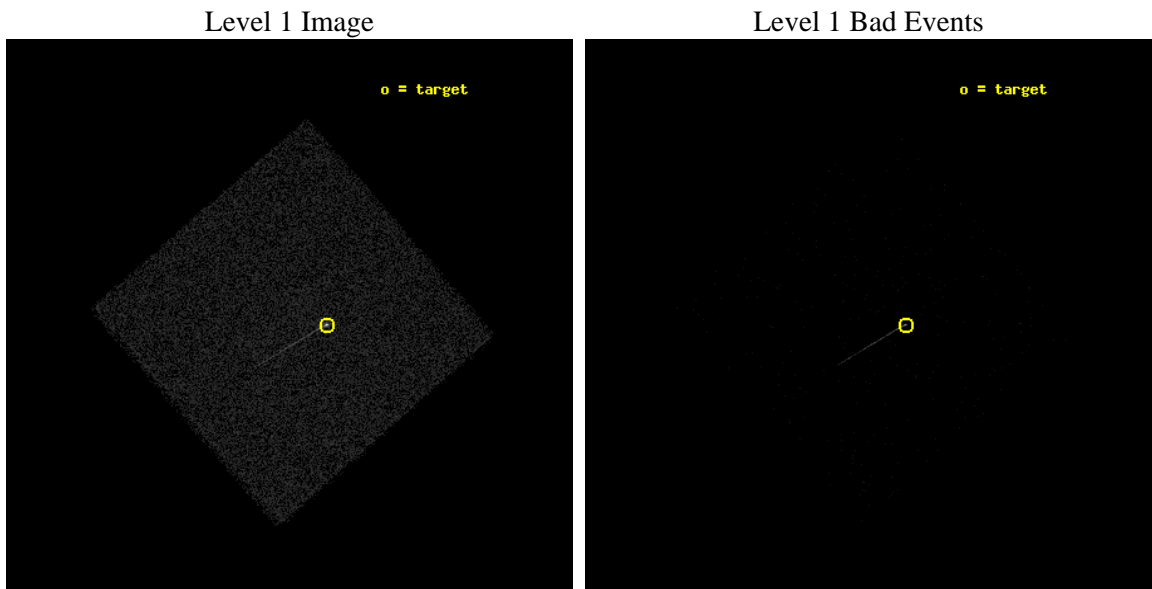
seq_num	290267	Sequence number
obs_id	4307	Observation id
title	AO4 CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-I GAIN	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.27022322314	Nominal RA [deg]
dec_nom	45.745971869906	Nominal Dec [deg]
roll_nom	3.8106410658775	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1186.181299895	[s]
livetime	1179.5107724933	Ontime multiplied by DTCOR
l2events	38632	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	1186.181299895	[s]
caldbver	4.5.2	 	l1events	69008	Number of level 1 events
date	2012-10-23T09:30:03	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

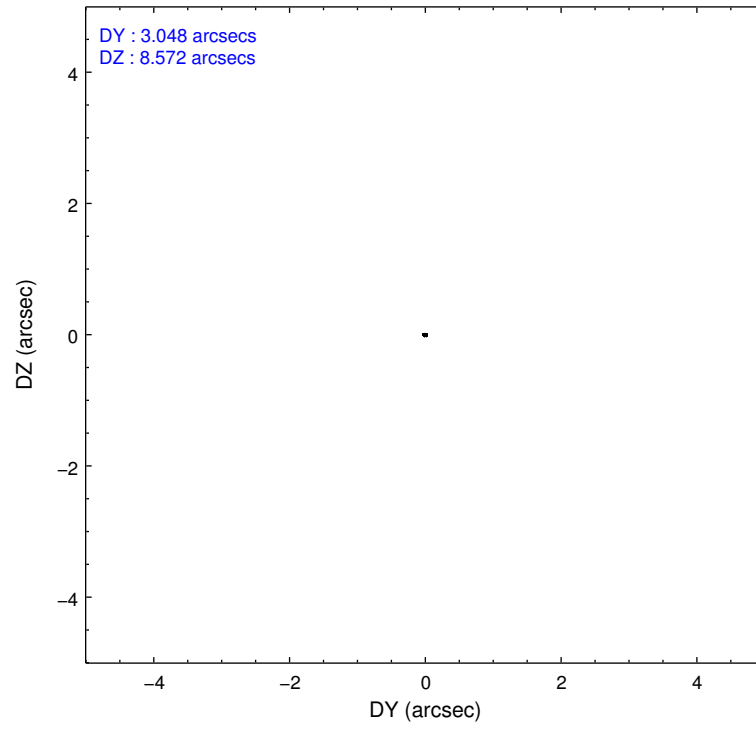
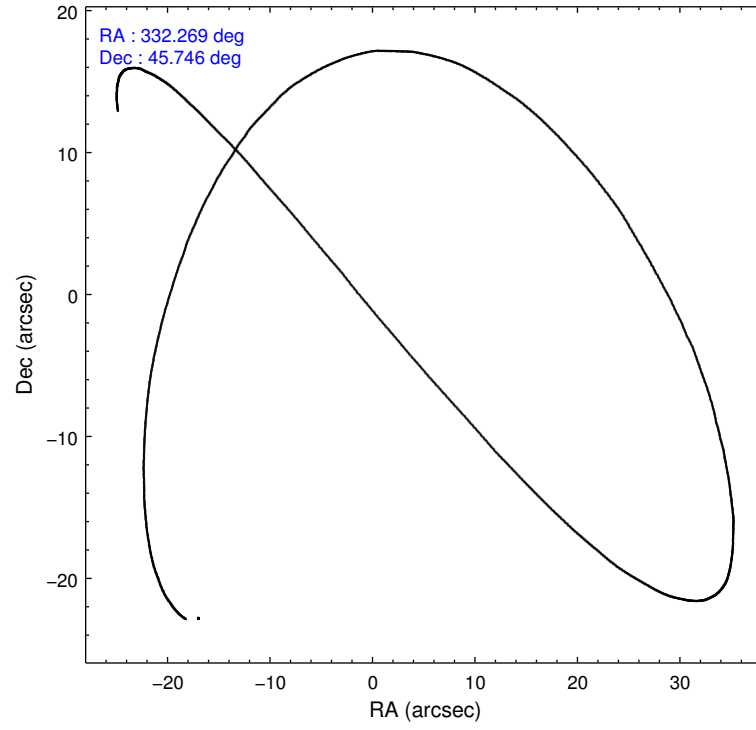
	segment 0
level 1 events	69008
rejected events	14274
rejected %	20%

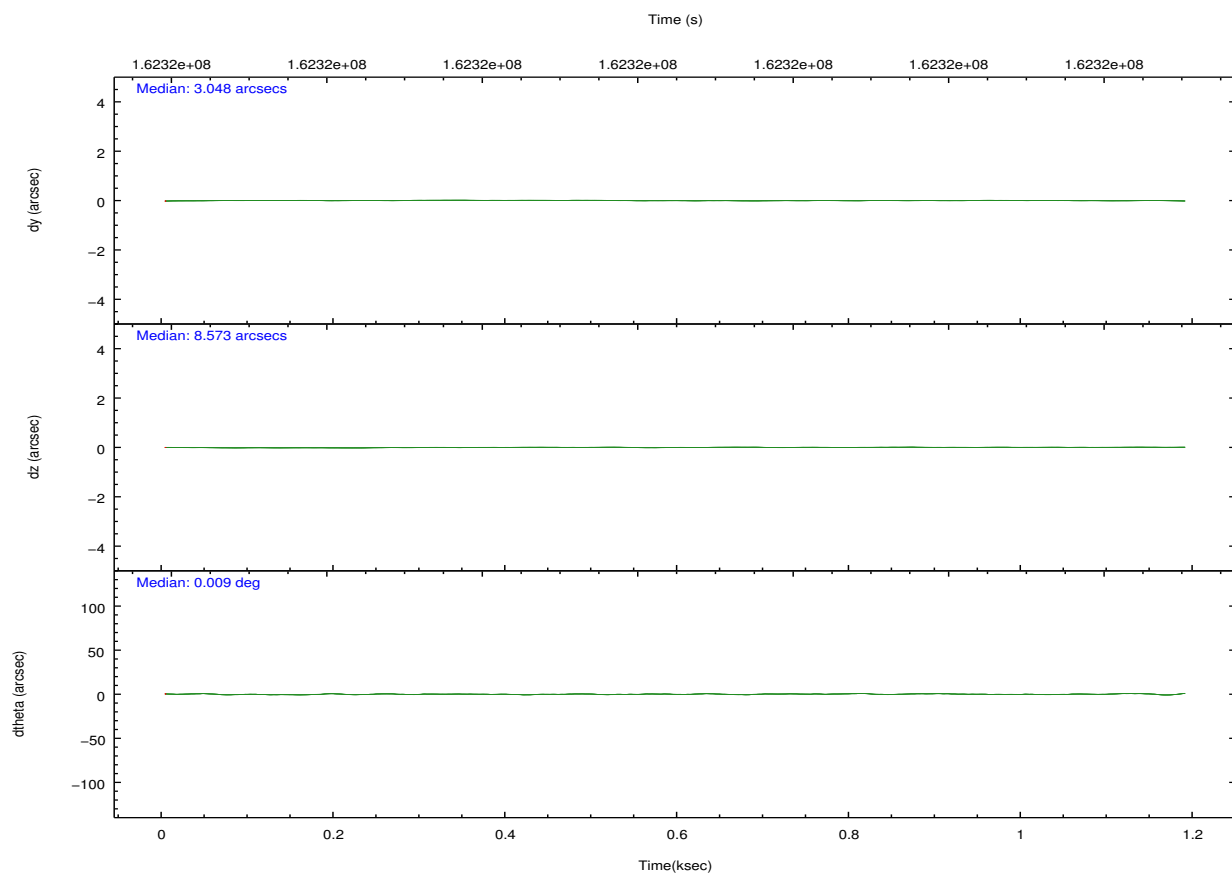
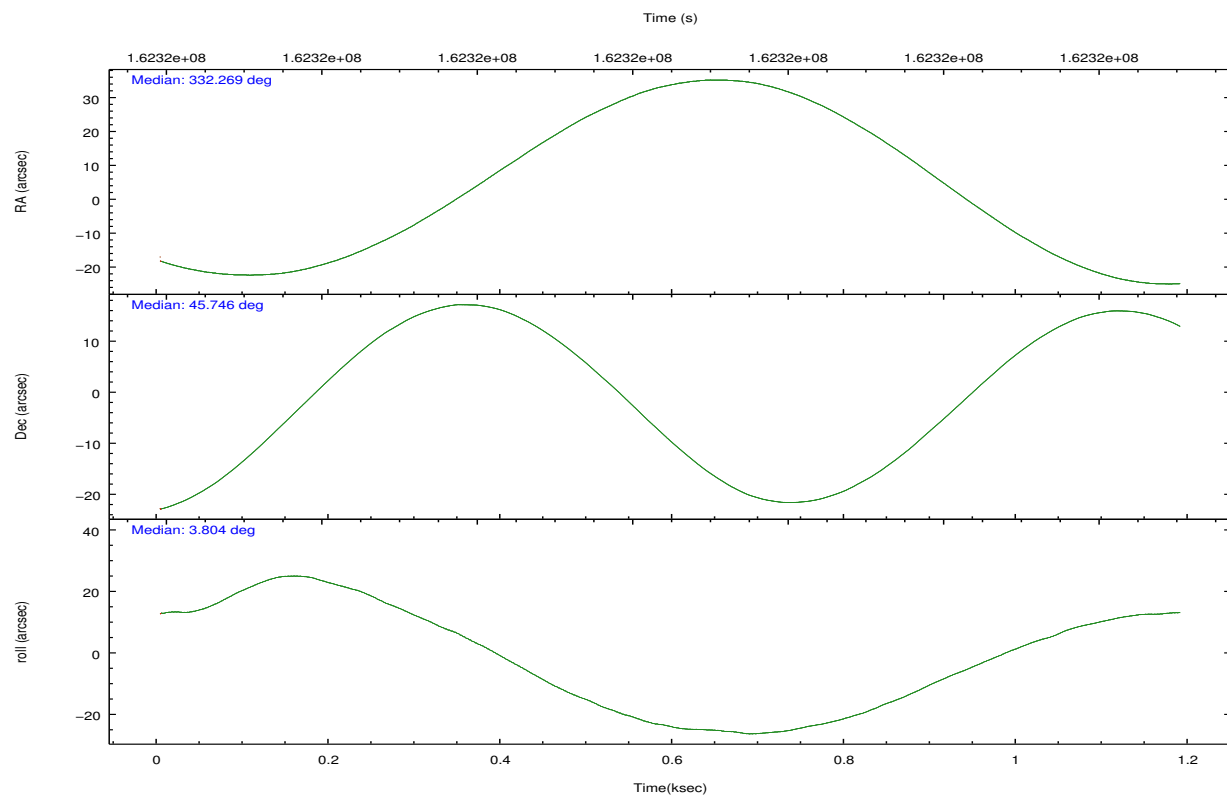
2.2 Compared Parameters

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	332.239196	332.2702232231375
[deg] Pointing Dec	45.729936	45.74597186990614
[deg] Pointing Roll	3.928373	3.8106410658775
[s] Window start time (MET)	161654464.184000	161654464.184000
[s] Window stop time (MET)	165369664.184000	165369664.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	162319248.184000	162318871.72062
Observation start date	2003-02-22T16:39:44	2003-02-22T16:34:31
[s] Observation end time (MET)	162320248.184000	162320381.54568
Observation end date	2003-02-22T16:56:24	2003-02-22T16:59:41

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

2.3 Aspect



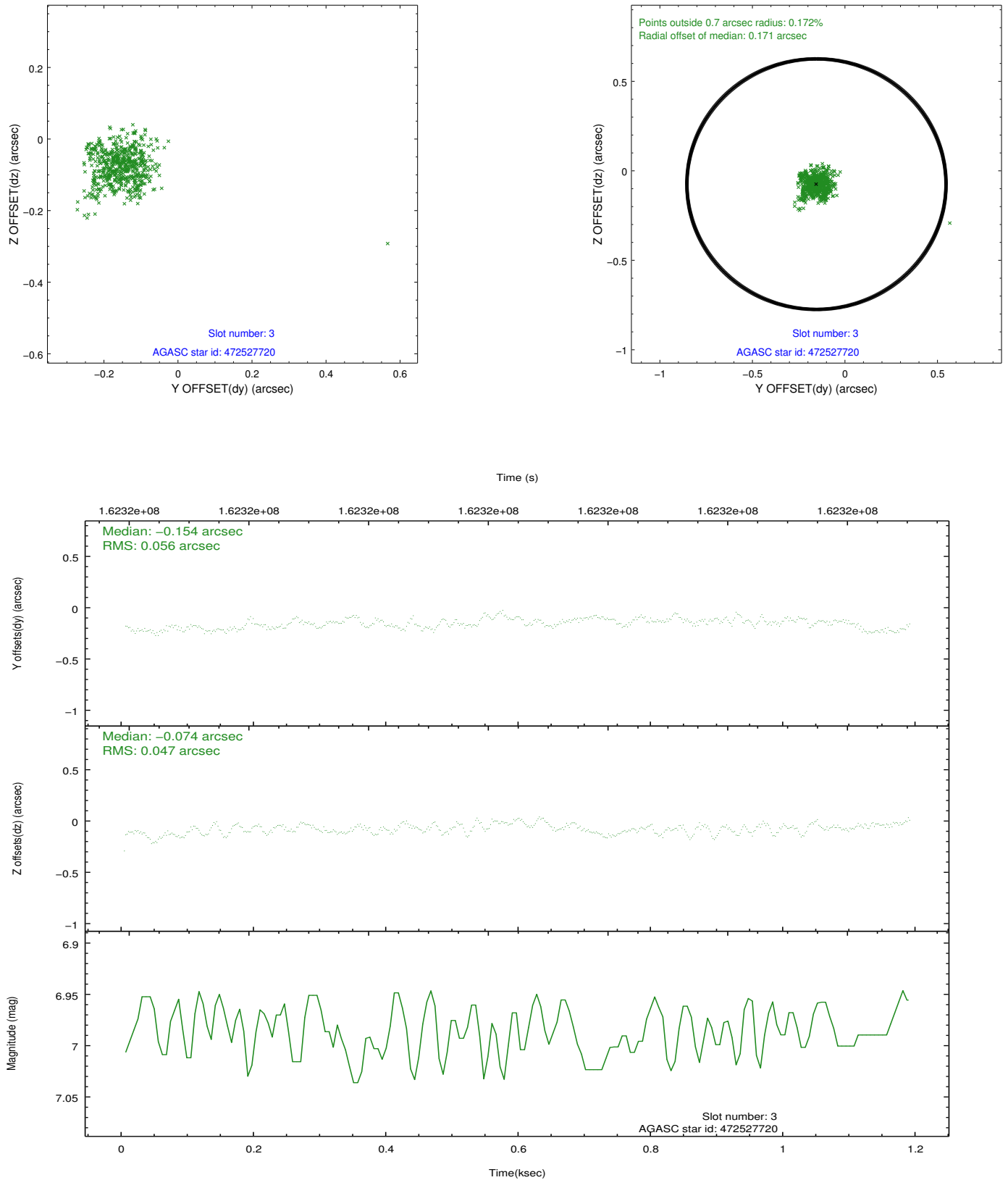


Slot Statistics

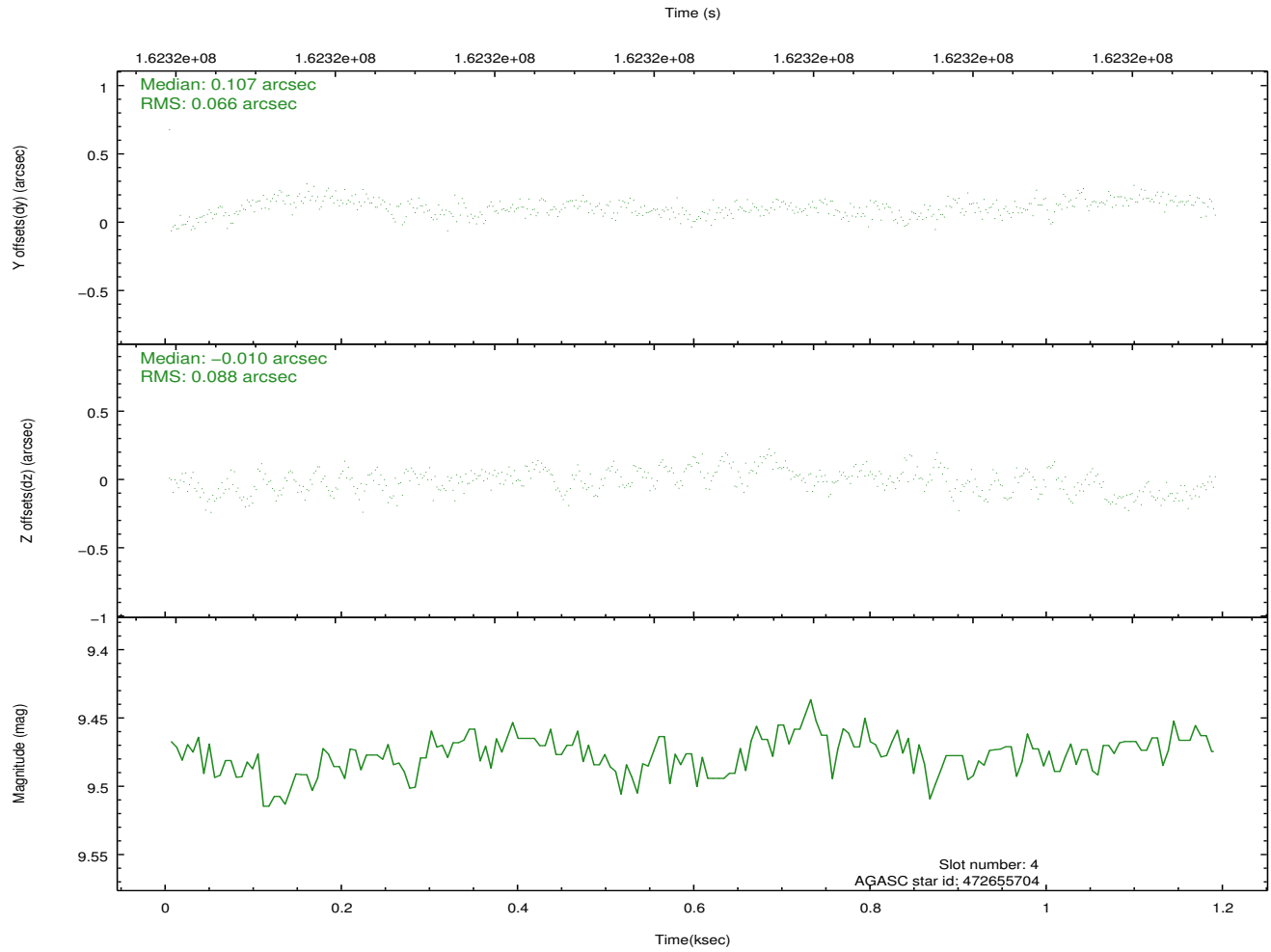
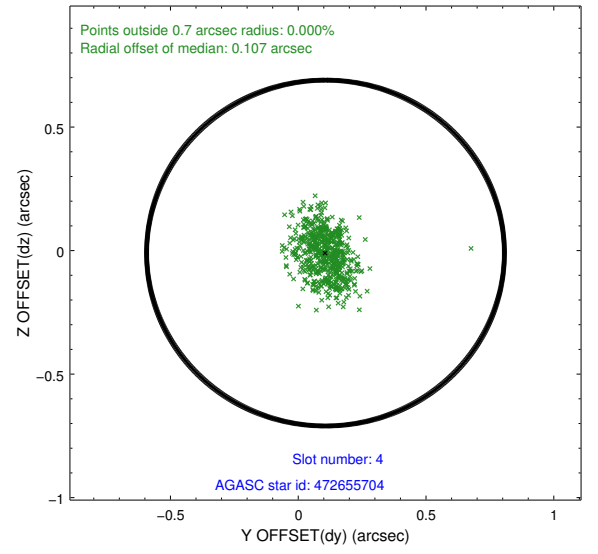
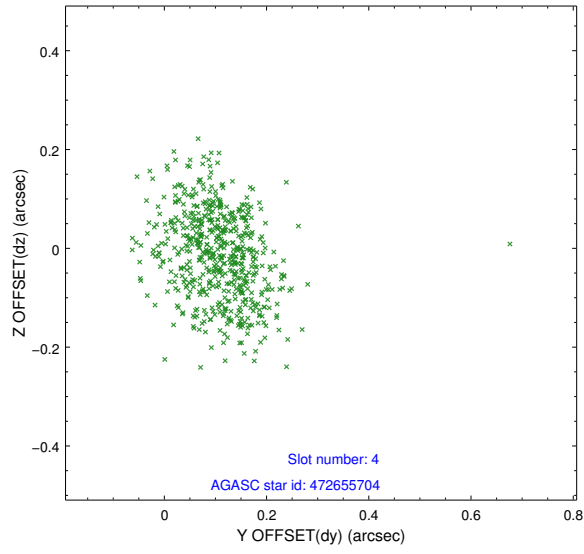
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	290	0.024	0.065	0.007	0.011	0.000000	0.000000	-758.50	-1296.44
1	FID	HRC-I-2	7.01	290	0.080	-0.078	0.006	0.010	0.000000	0.000000	851.58	-1302.63
2	FID	HRC-I-3	7.06	288	0.015	-0.076	0.007	0.011	0.000000	0.000000	-1184.04	1003.46
3	GUIDE	472527720	6.99	580	-0.154	-0.074	0.072	0.112	331.460205	45.112509	-2124.14	-2074.30
4	GUIDE	472655704	9.48	580	0.107	-0.010	0.117	0.188	332.167195	45.285228	-293.09	-1589.75
5	GUIDE	472659832	9.46	580	0.060	0.050	0.094	0.338	332.780399	46.098139	1440.27	1230.45
6	GUIDE	472533912	9.18	580	-0.012	-0.044	0.118	0.169	331.791136	46.368695	-948.65	2373.96
7	GUIDE	472654568	9.45	579	-0.017	0.063	0.117	0.186	332.194449	45.063576	-277.37	-2382.80

2.4 Star Slots

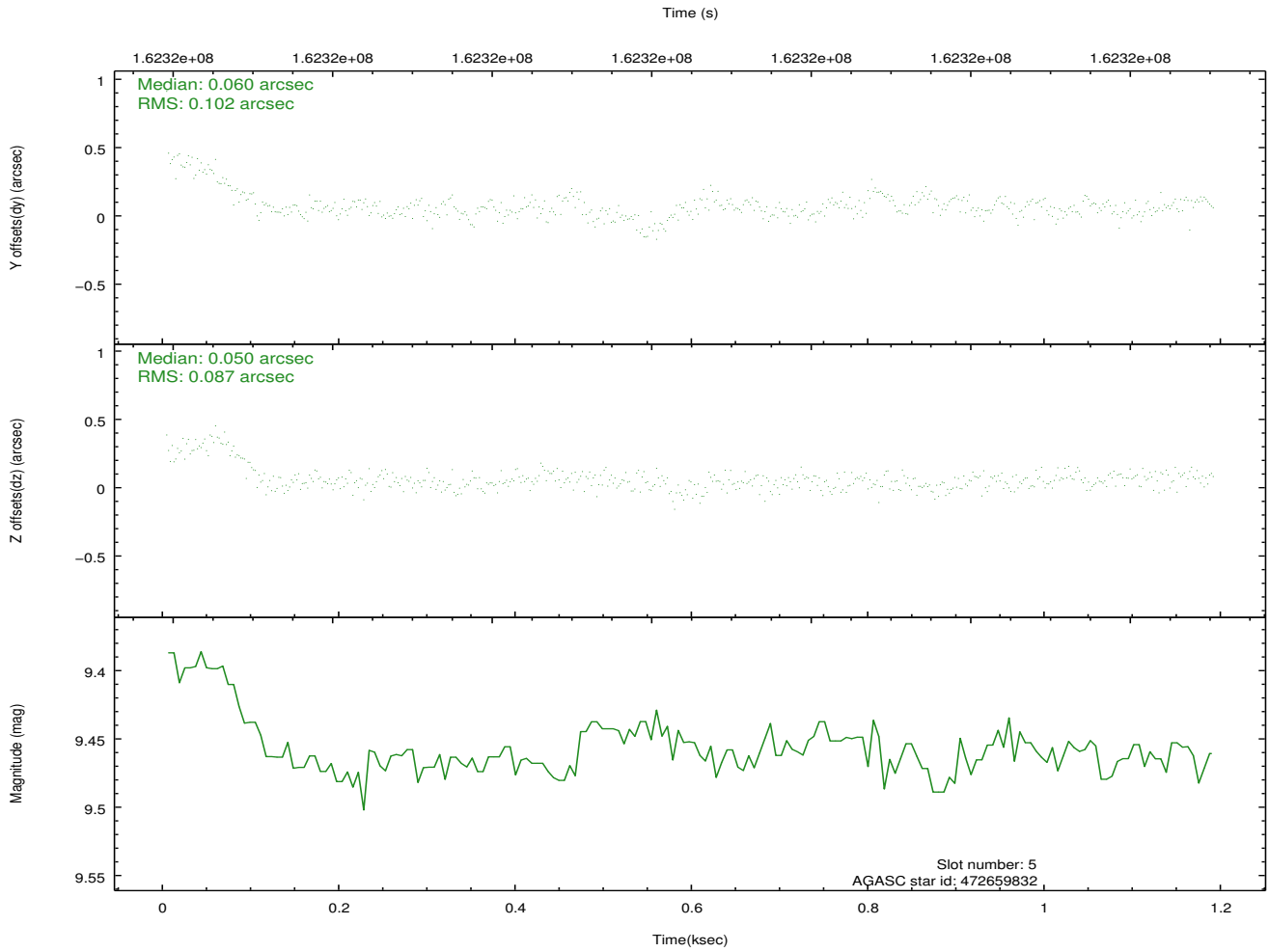
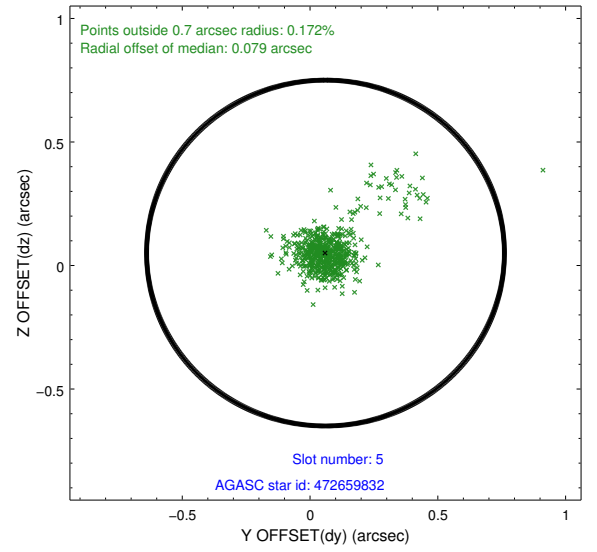
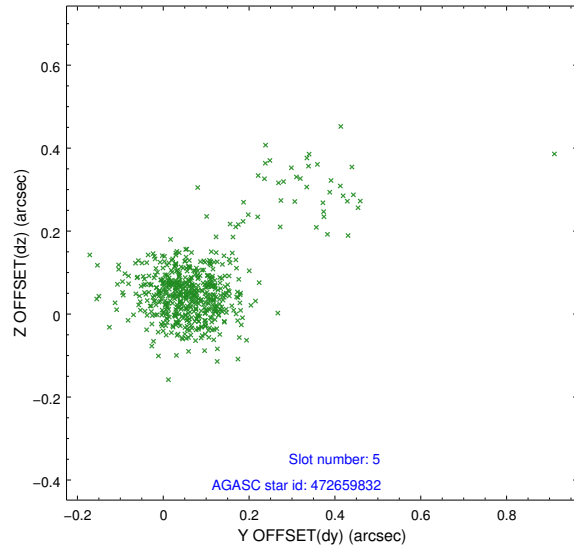
2.4.1 Slot 3



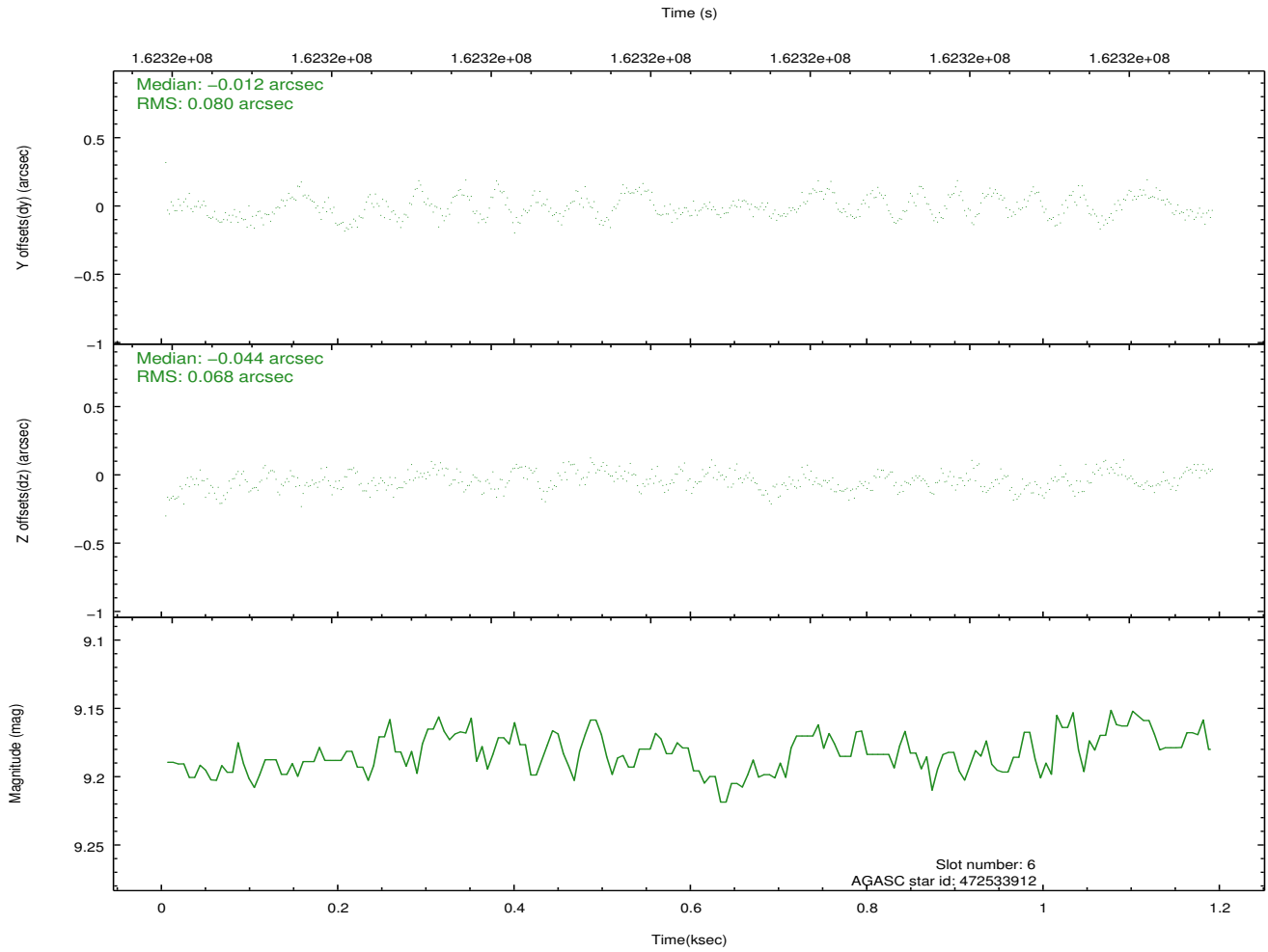
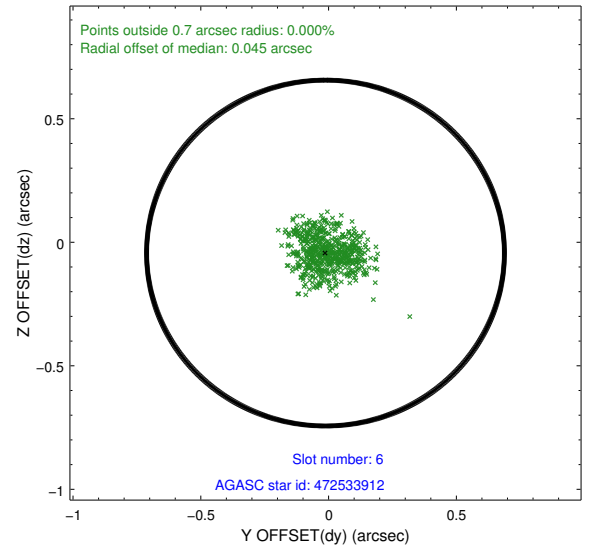
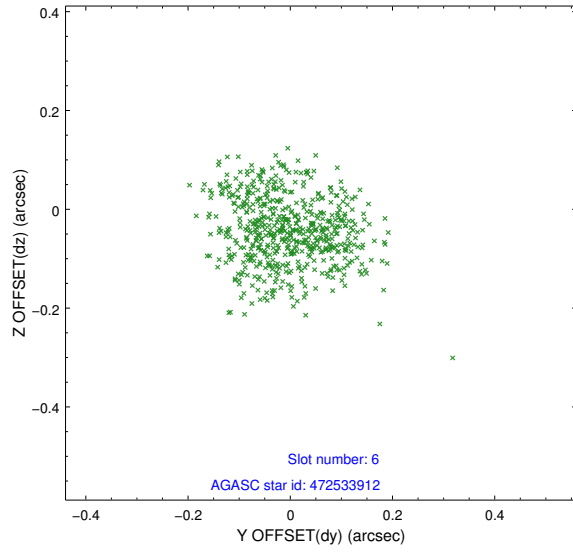
2.4.2 Slot 4



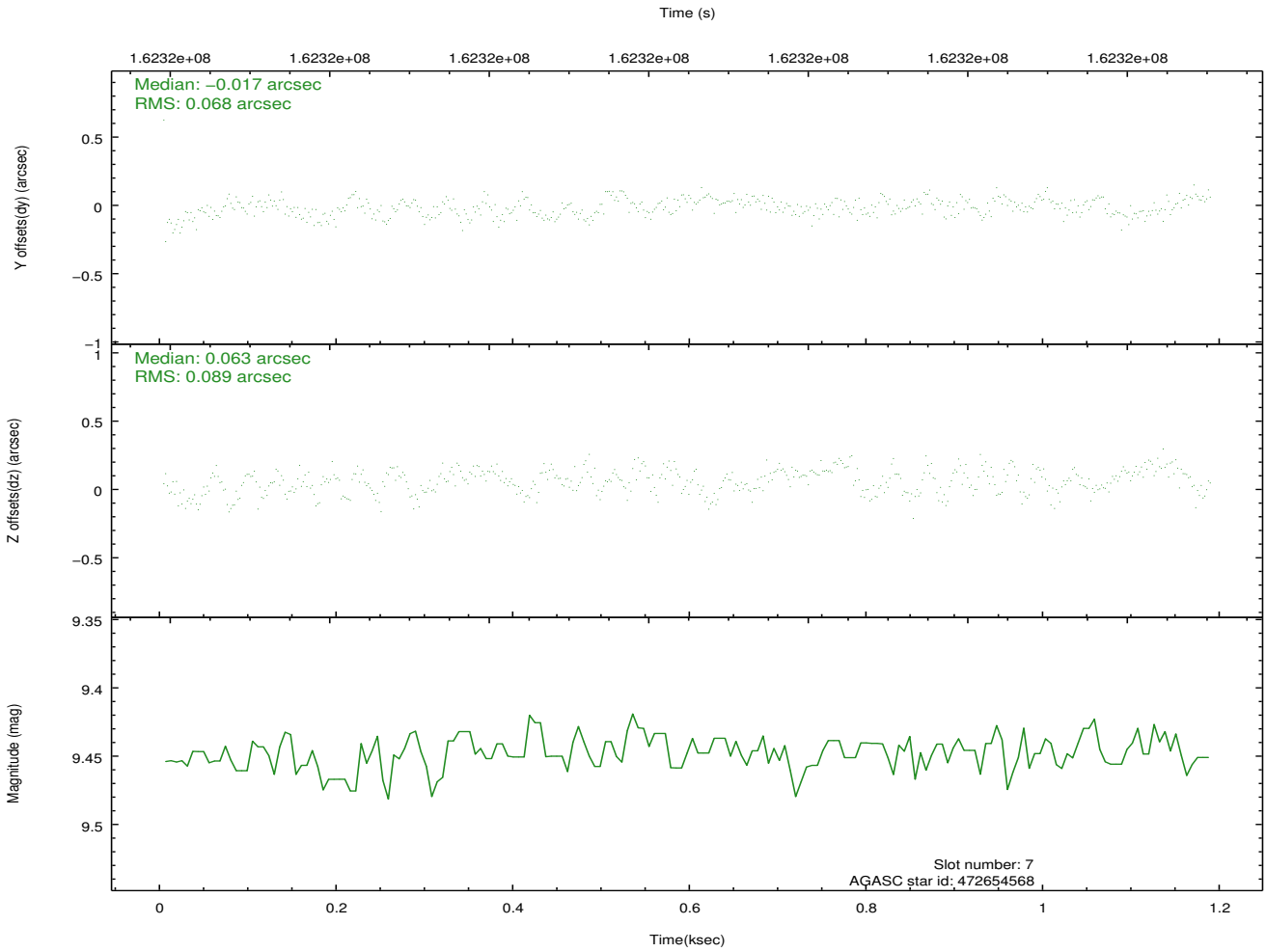
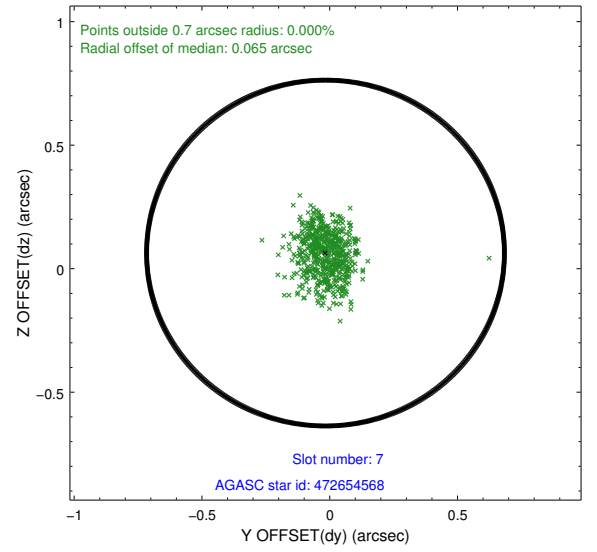
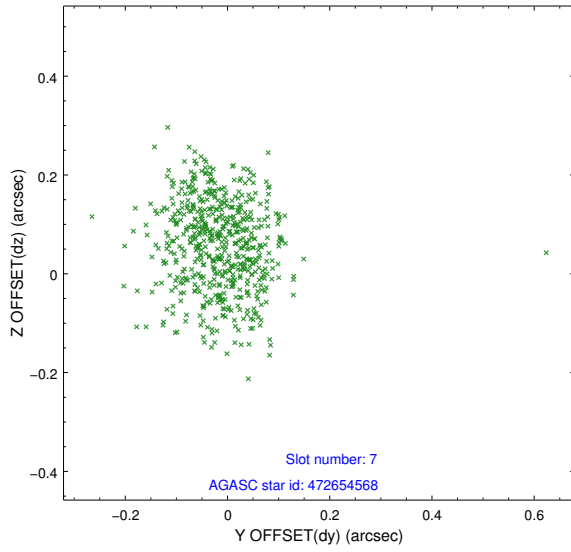
2.4.3 Slot 5



2.4.4 Slot 6

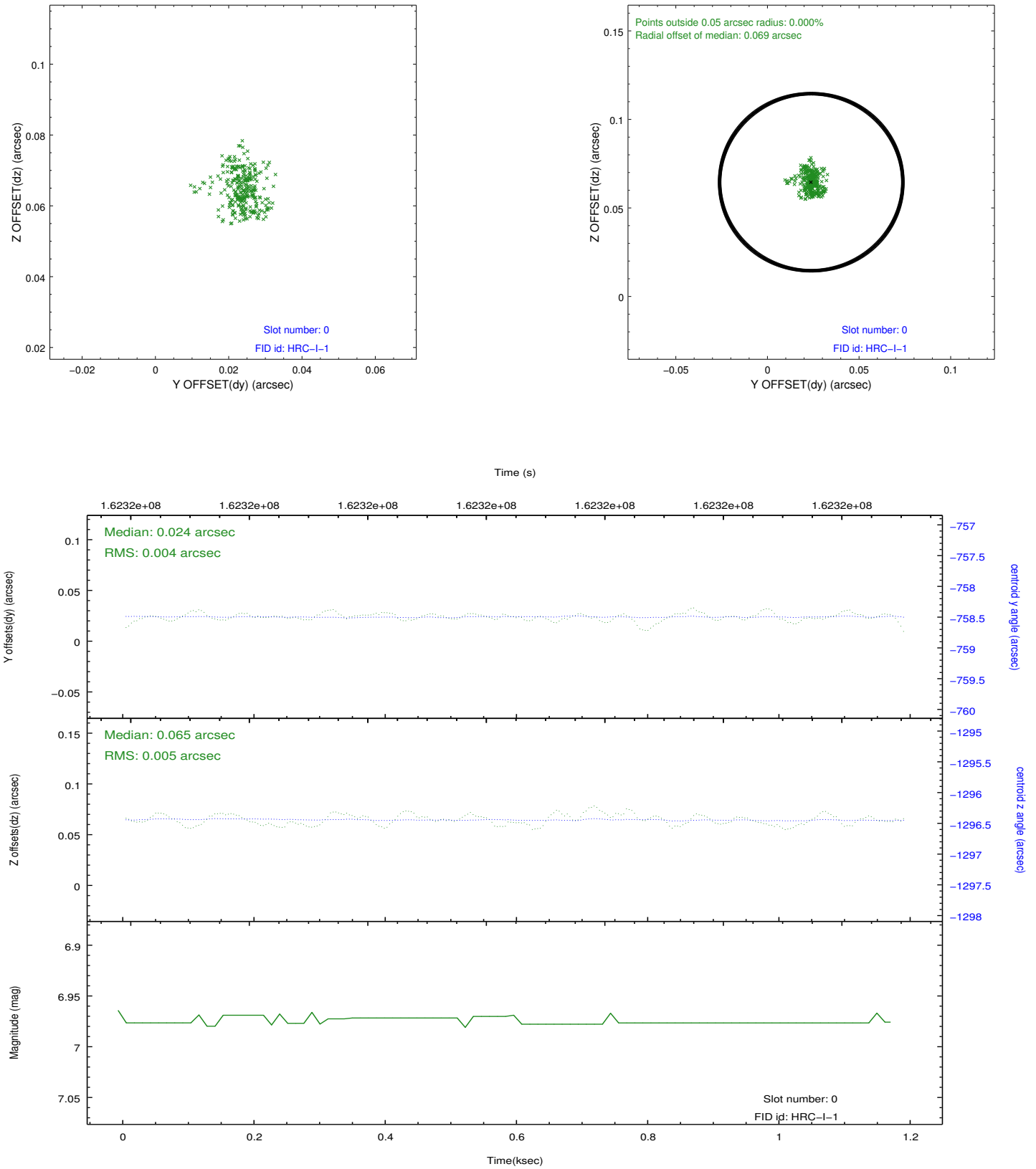


2.4.5 Slot 7

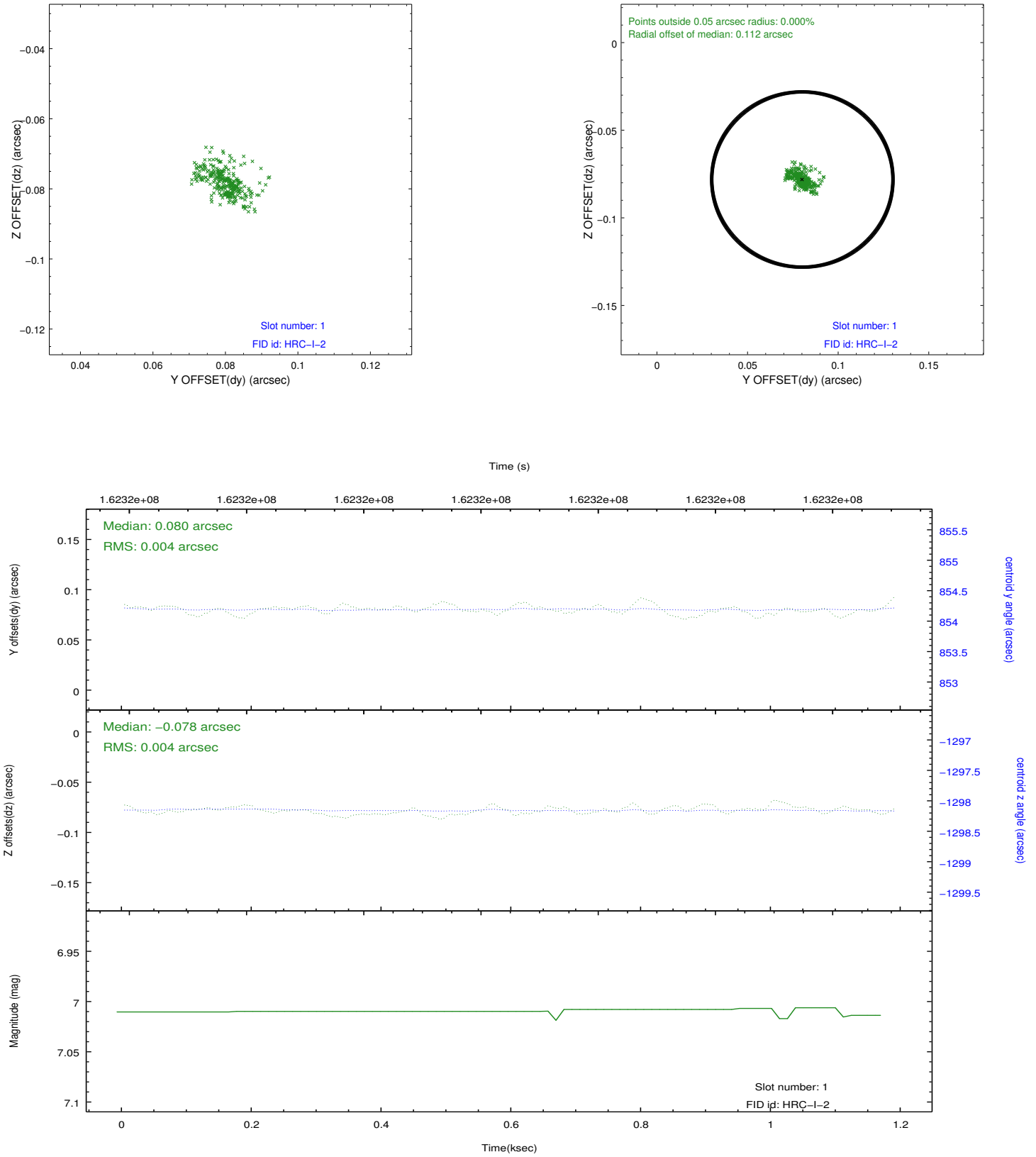


2.5 FID Slots

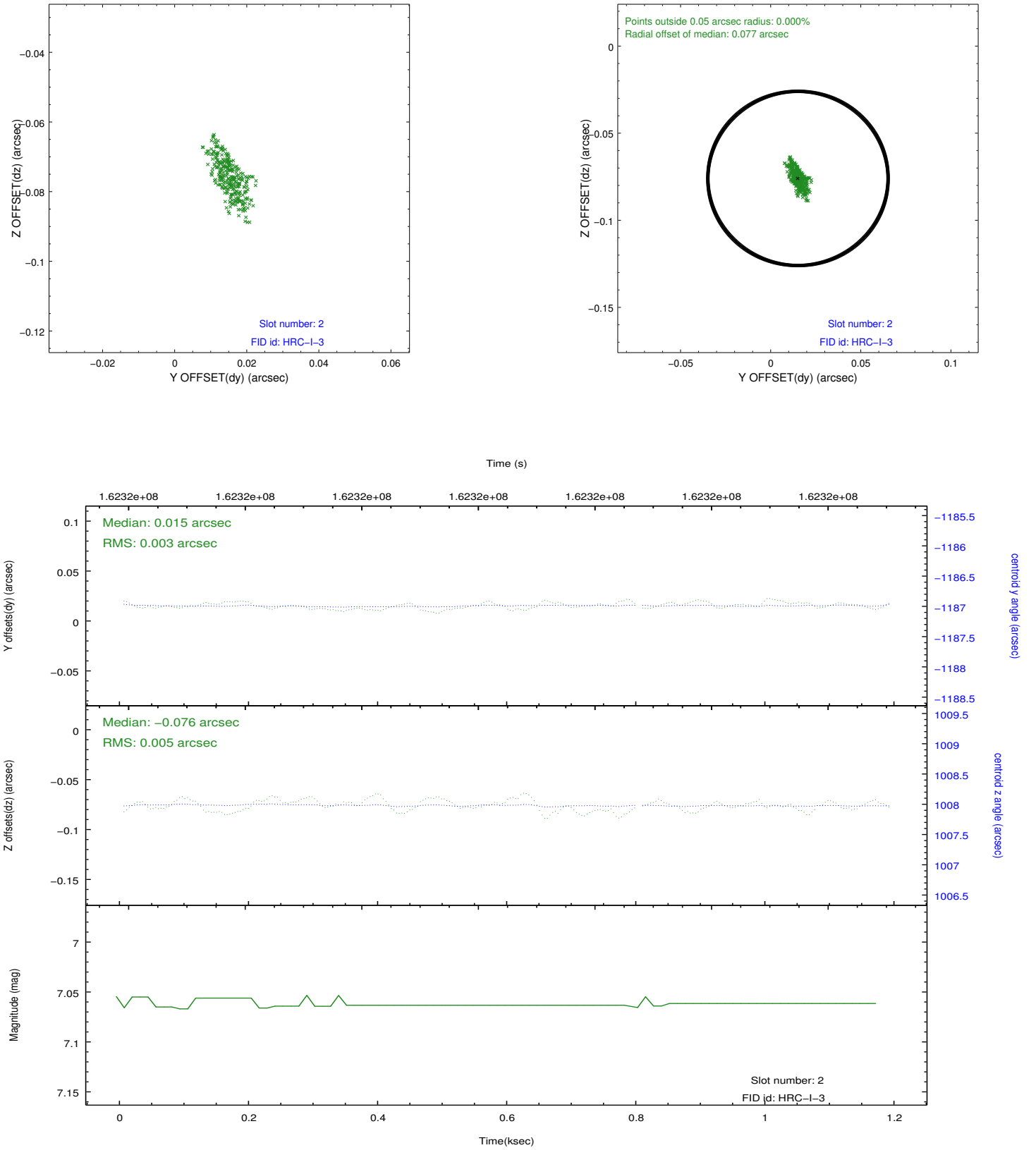
2.5.1 Slot 0



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)	2012.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.186

A.2 Comments

Window constraint met.