

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5990 - L2 Version 4
Chandra X-Ray Center

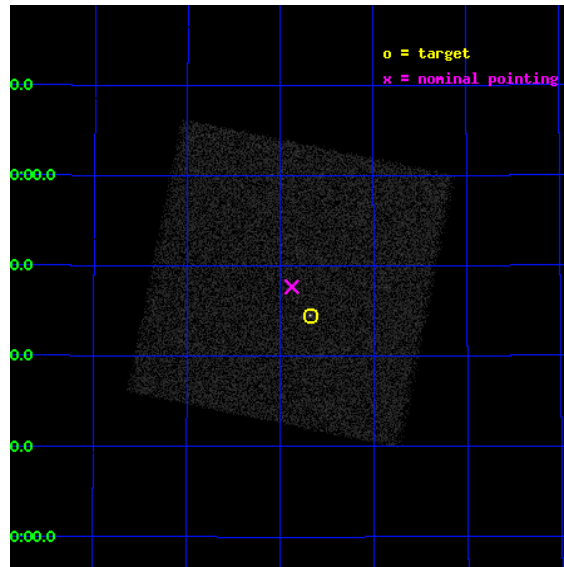
L2 Processing Date : Dec 30 2012

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1 Front

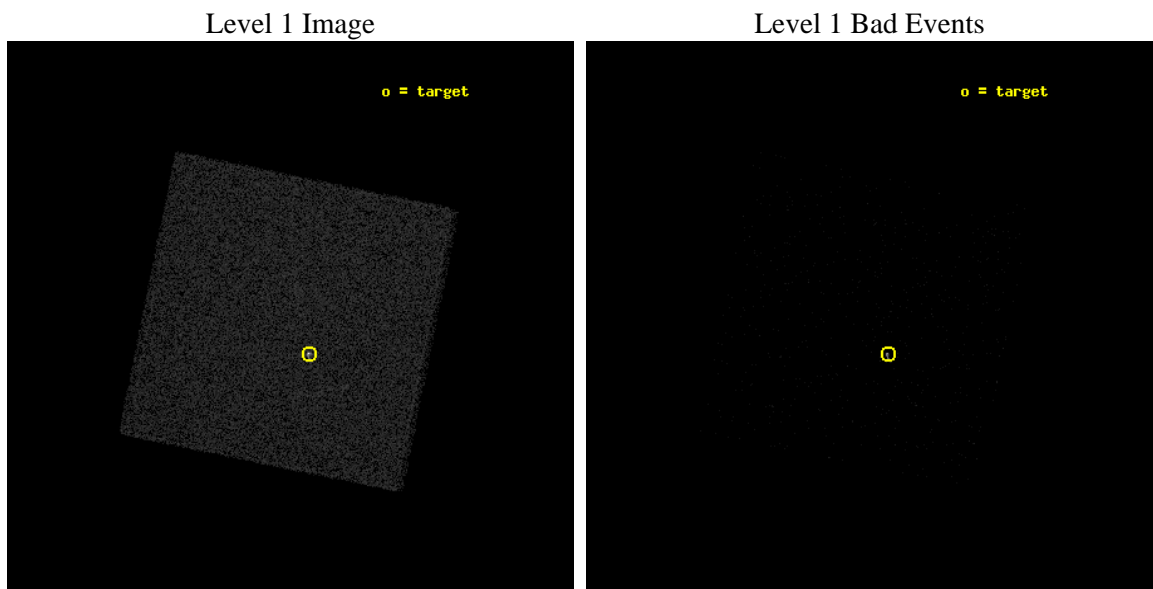
seq_num	290482	Sequence number
obs_id	5990	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21916907172	Nominal RA [deg]
dec_nom	45.795182100642	Nominal Dec [deg]
roll_nom	236.55722947455	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1144.9250527322	[s]
livetime	1135.4329240688	Ontime multiplied by DTCOR
l2events	56343	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	8.5.1.1	Processing system revision	ontime	1144.9250527322	[s]
caldbver	4.5.5	 	l1events	188297	Number of level 1 events
date	2012-12-30T05:45:32	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

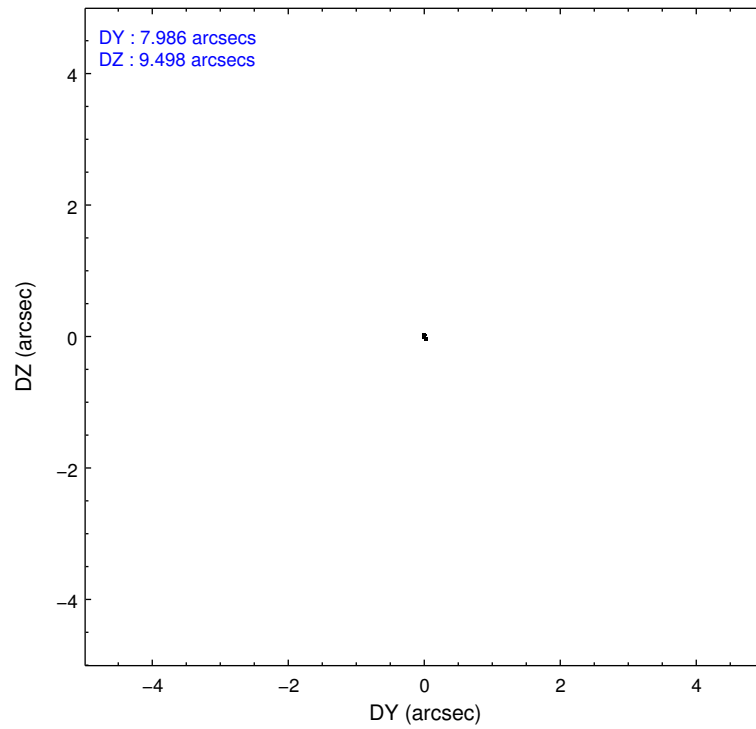
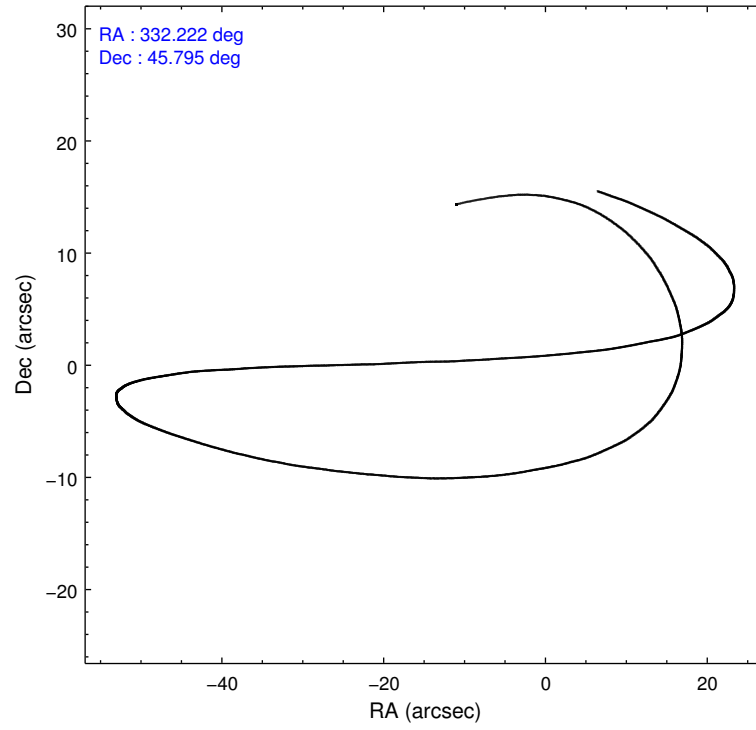
	segment 0
level 1 events	188297
rejected events	108843
rejected %	57%

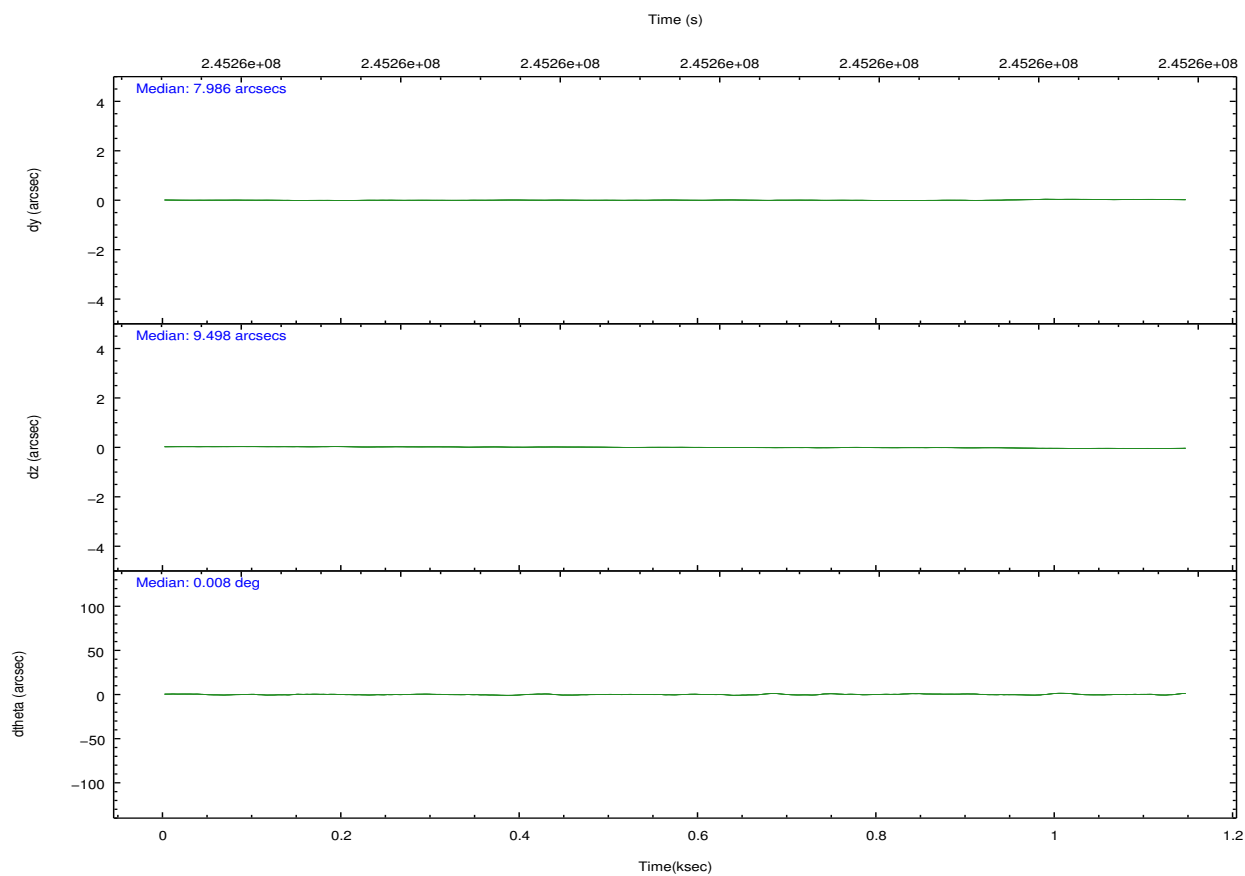
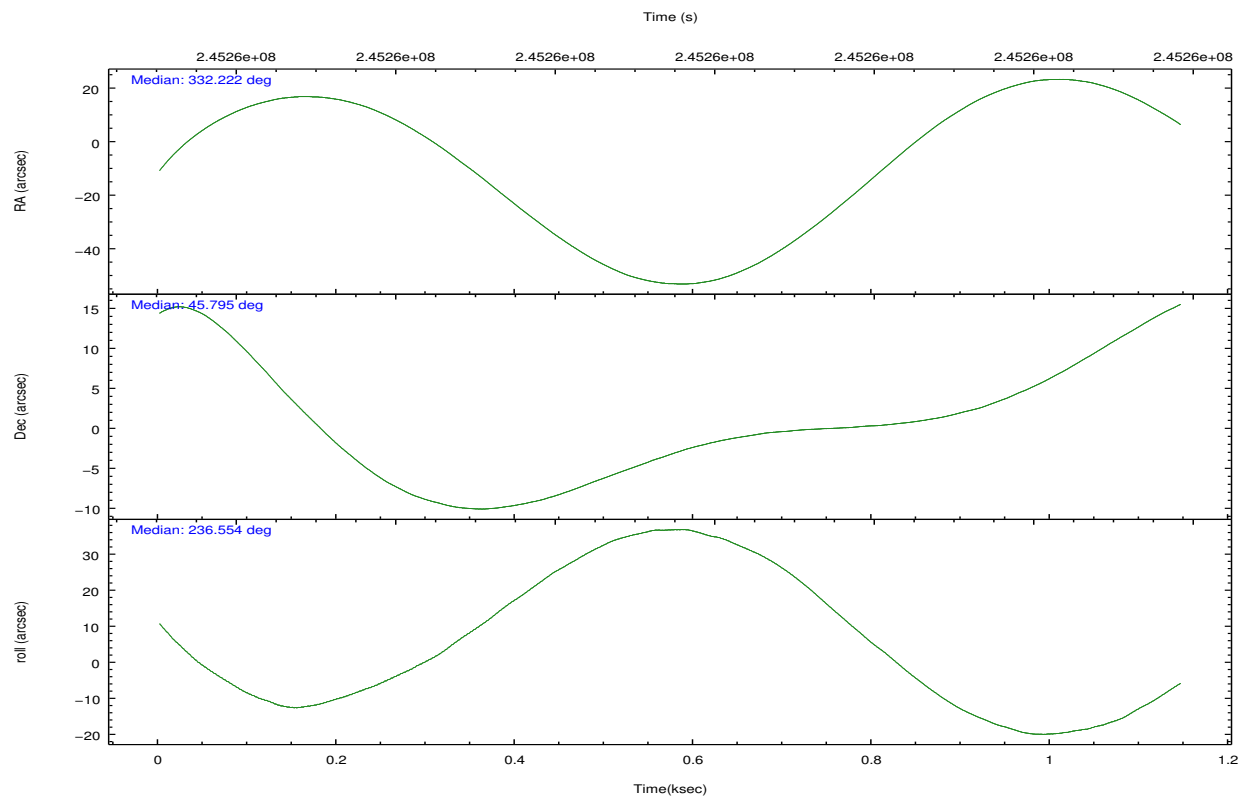
2.2 Compared Parameters

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	332.218995	332.2191690717201
[deg] Pointing Dec	45.822767	45.79518210064168
[deg] Pointing Roll	236.652807	236.5572294745476
[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)	245258516.184000	245256877.99577
Observation start date	2005-10-09T15:20:52	2005-10-09T14:54:37
[s] Observation end time (MET)	245259516.184000	245259650.1084
Observation end date	2005-10-09T15:37:32	2005-10-09T15:40:50

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

2.3 Aspect



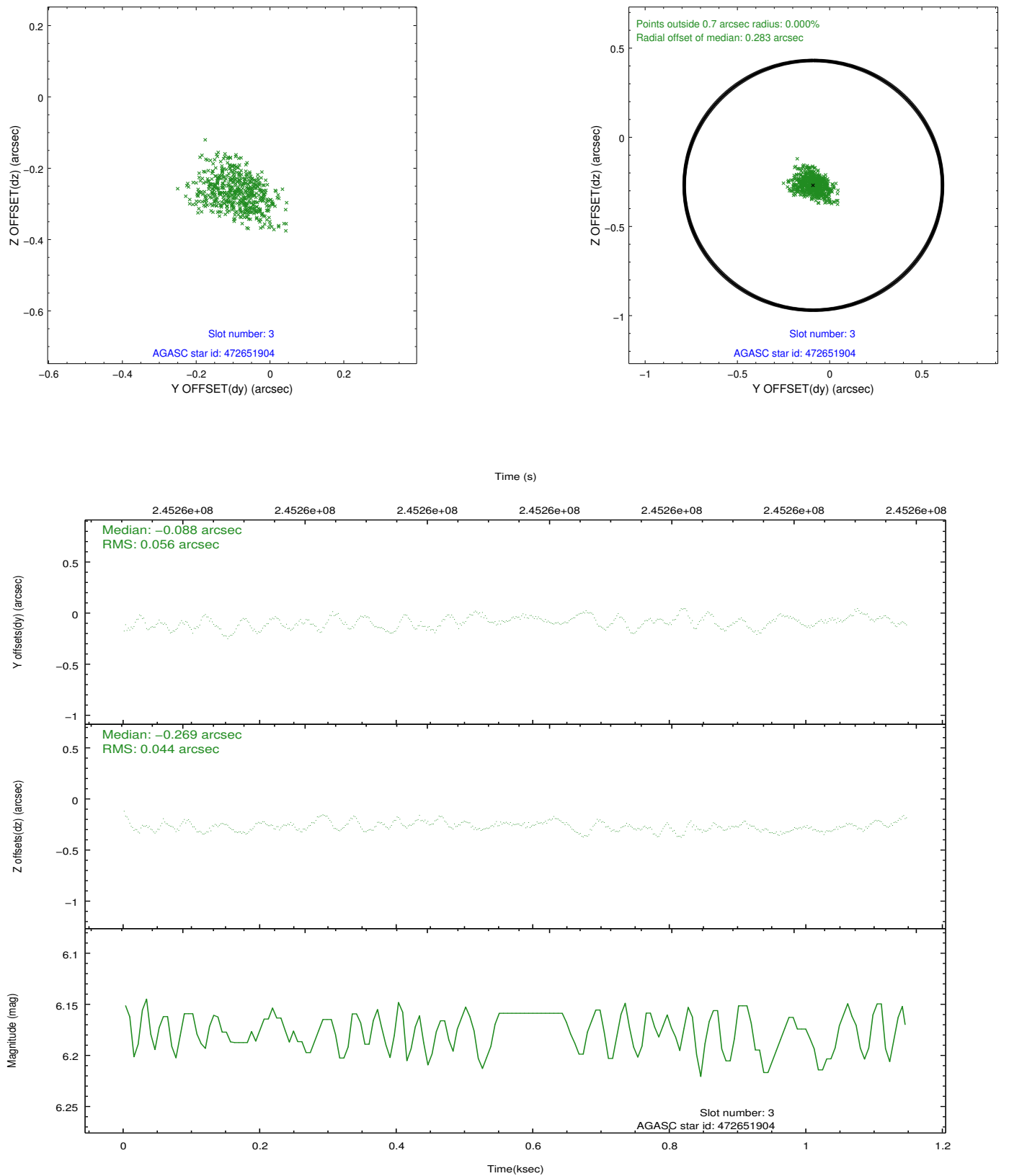


Slot Statistics

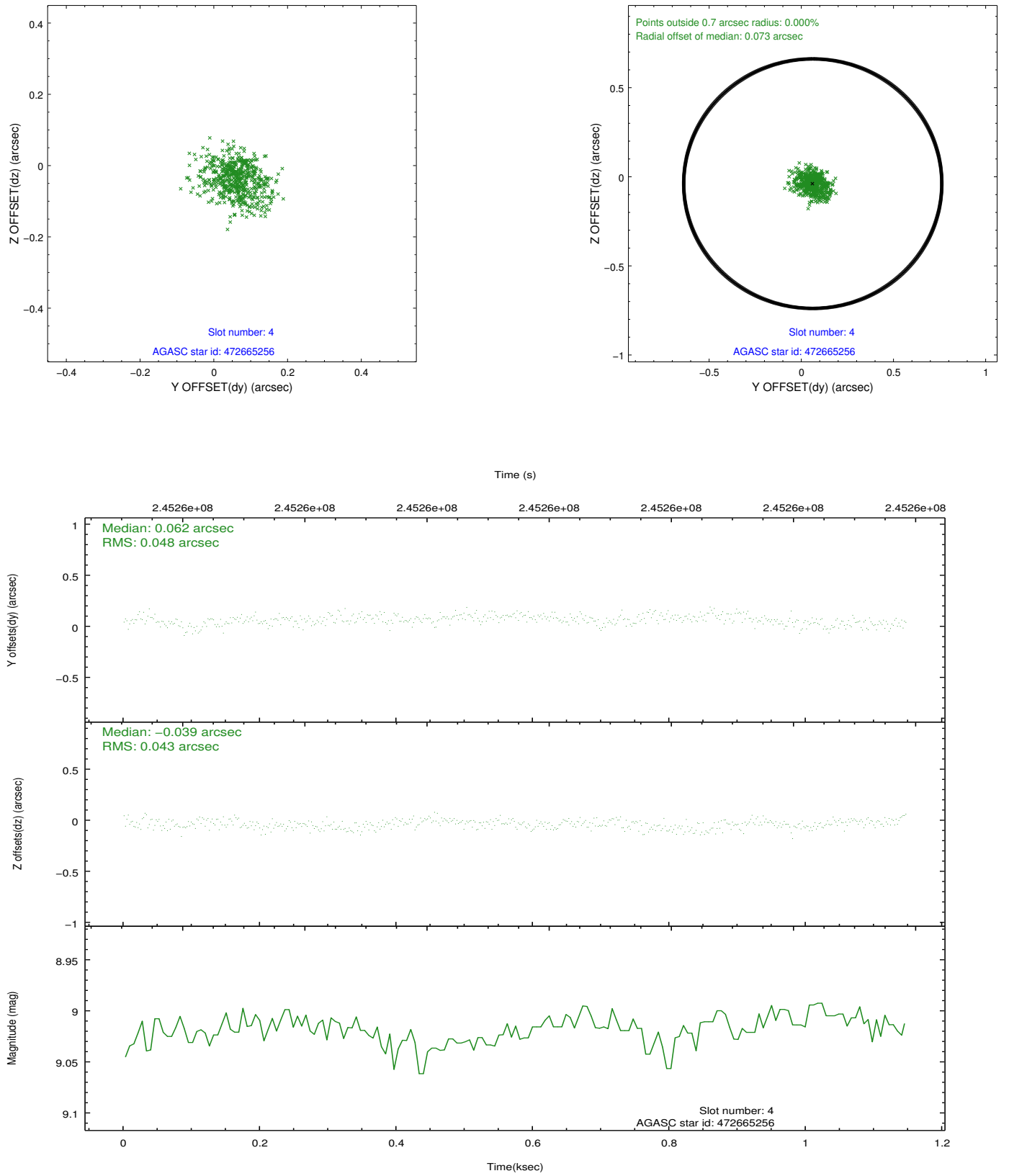
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	280	-0.027	0.053	0.008	0.012	0.000000	0.000000	-763.62	-1297.42
1	FID	HRC-I-2	7.02	280	0.133	-0.077	0.006	0.013	0.000000	0.000000	846.44	-1303.74
2	FID	HRC-I-3	7.08	280	0.014	-0.065	0.007	0.013	0.000000	0.000000	-1189.05	1002.37
3	GUIDE	472651904	6.18	560	-0.088	-0.269	0.075	0.122	332.170077	45.742257	310.59	51.83
4	GUIDE	472665256	9.02	560	0.062	-0.039	0.067	0.114	332.808125	46.195041	-1929.38	482.52
5	GUIDE	472523760	8.26	560	0.019	0.167	0.059	0.098	331.645363	45.403260	2052.02	-386.95
6	GUIDE	472533912	9.15	560	-0.077	0.089	0.103	0.169	331.791136	46.368695	-1055.16	-1974.59
7	GUIDE	472655152	9.43	559	0.096	0.052	0.110	0.182	332.504239	45.862991	-515.84	509.47

2.4 Star Slots

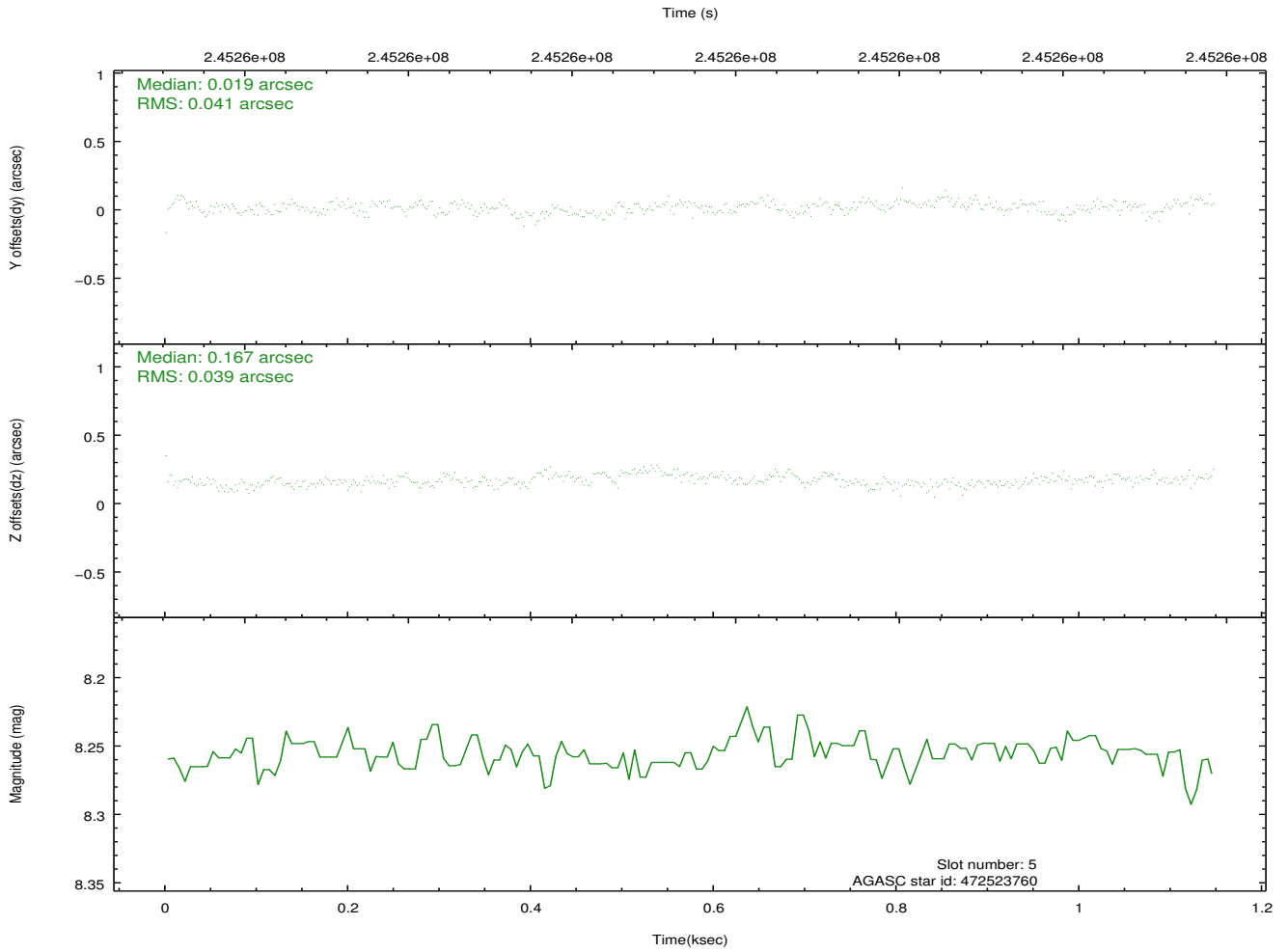
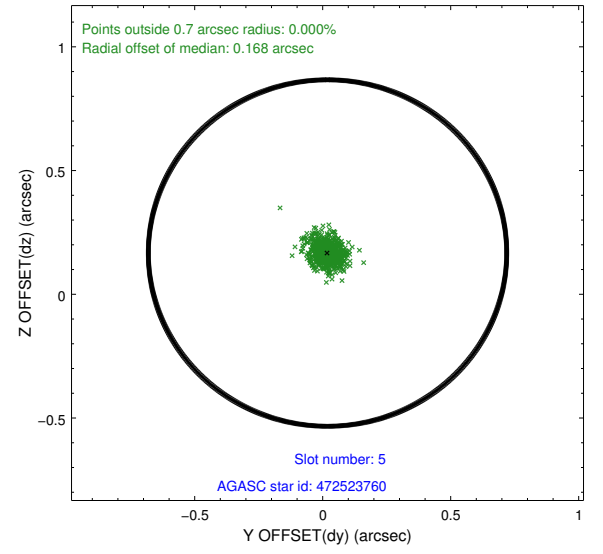
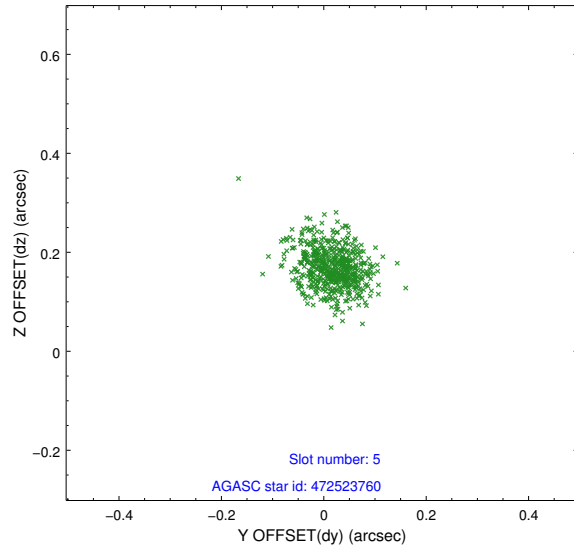
2.4.1 Slot 3



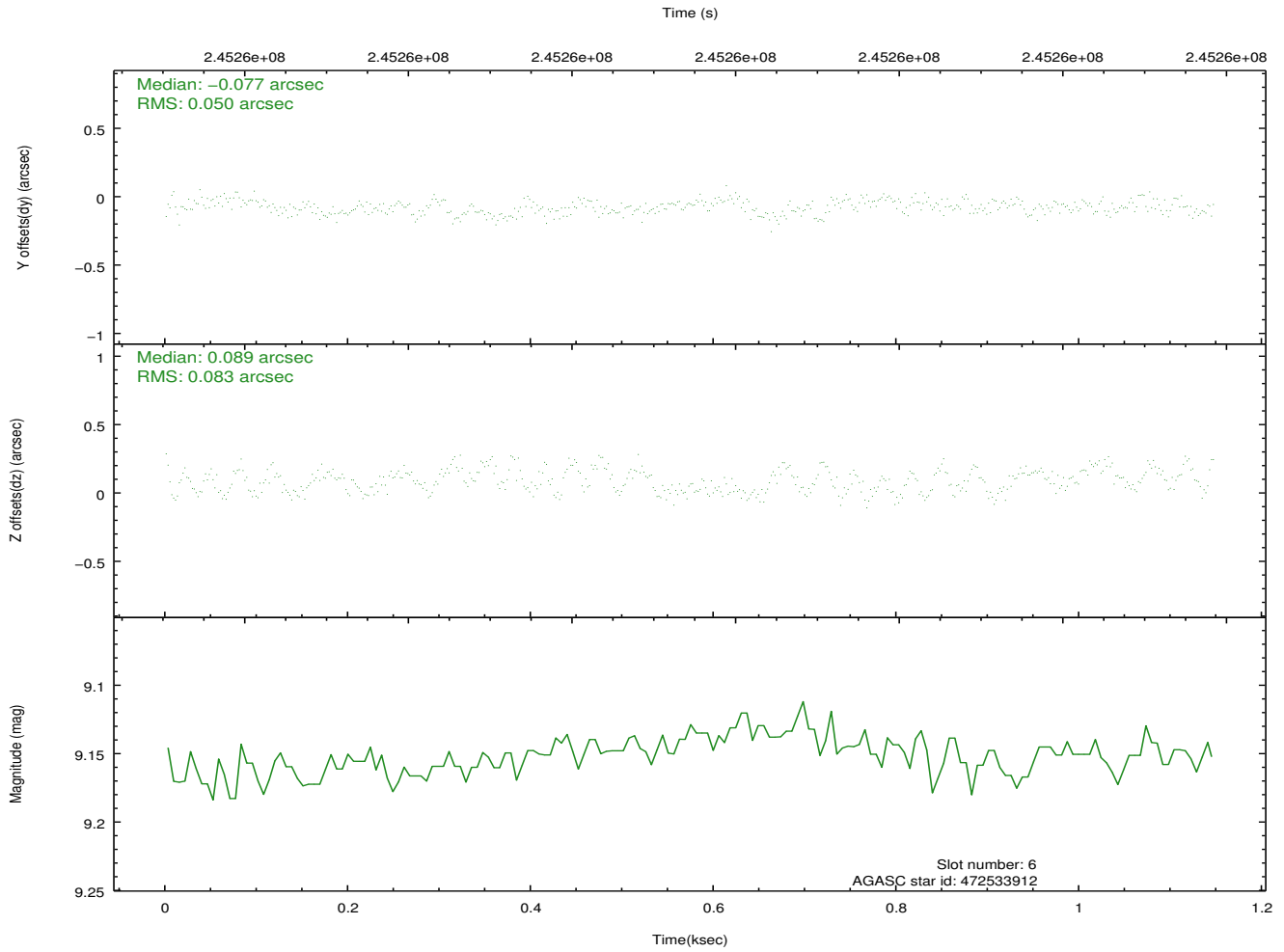
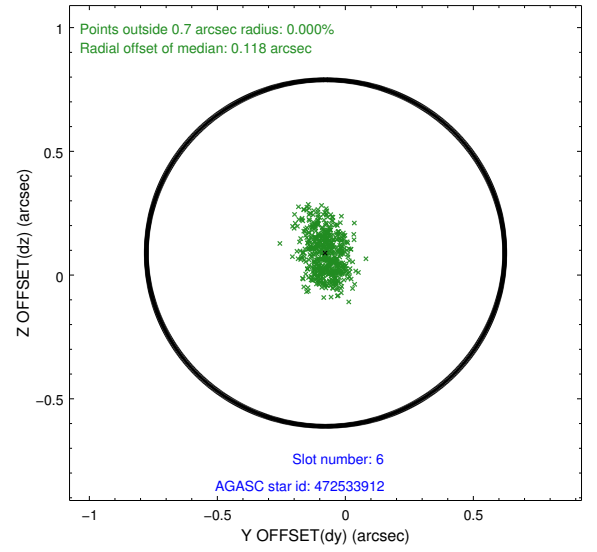
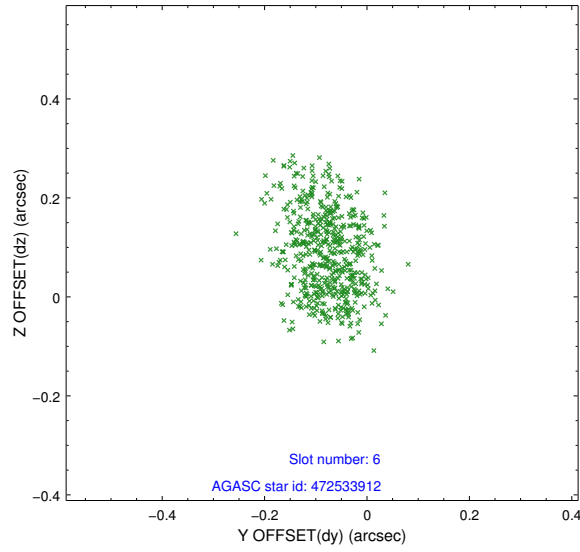
2.4.2 Slot 4



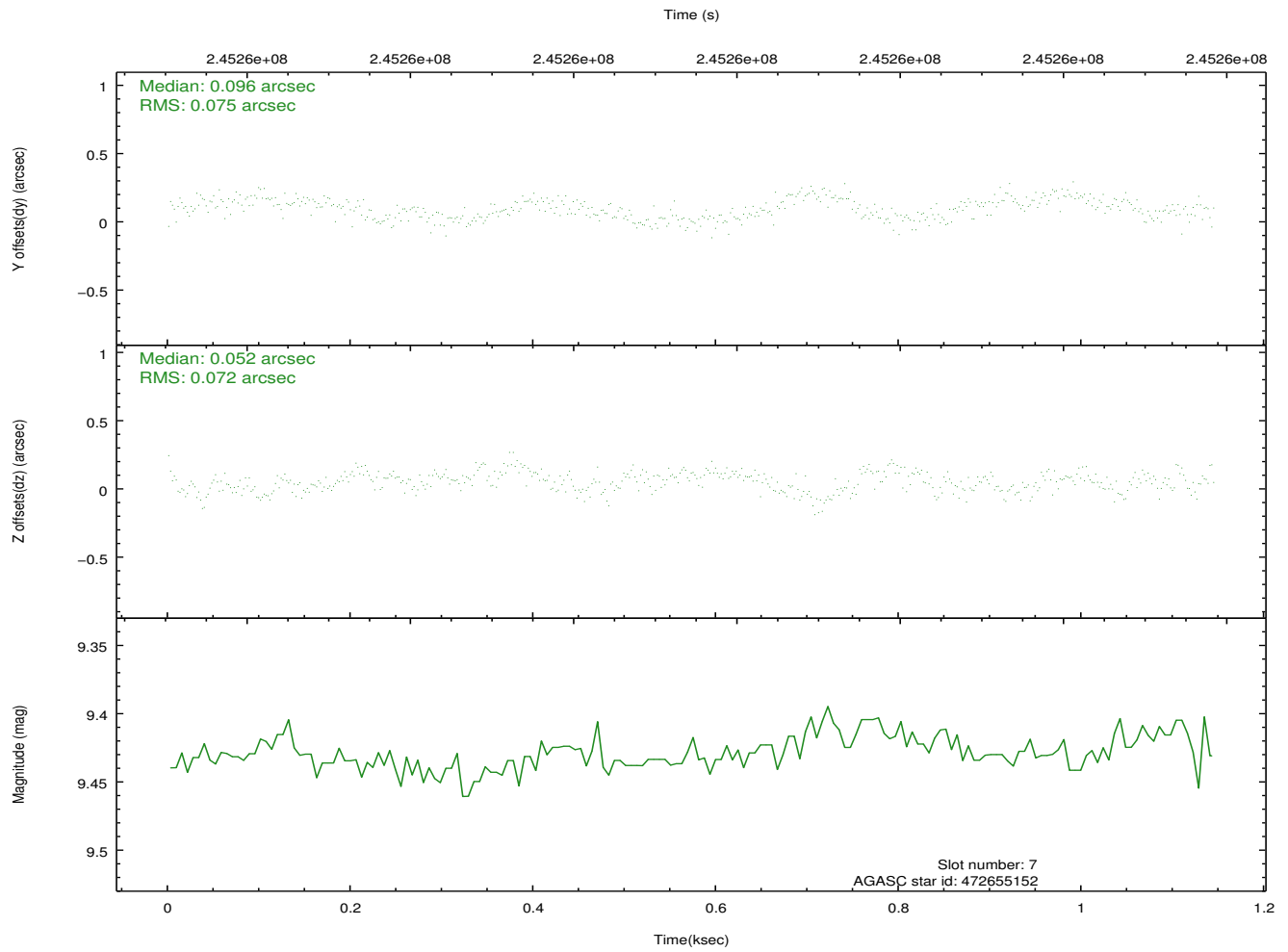
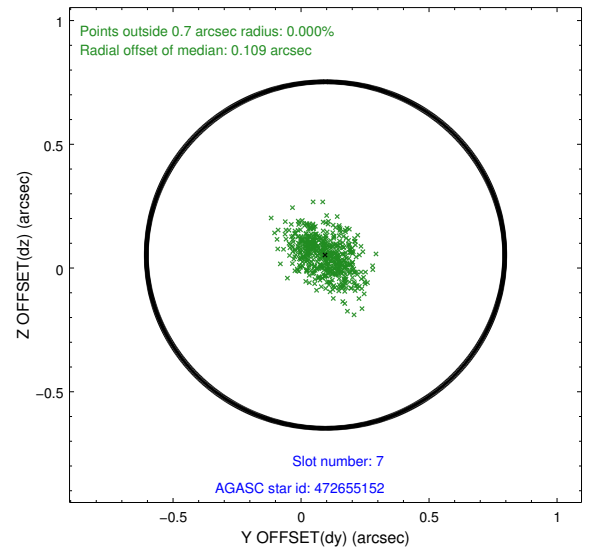
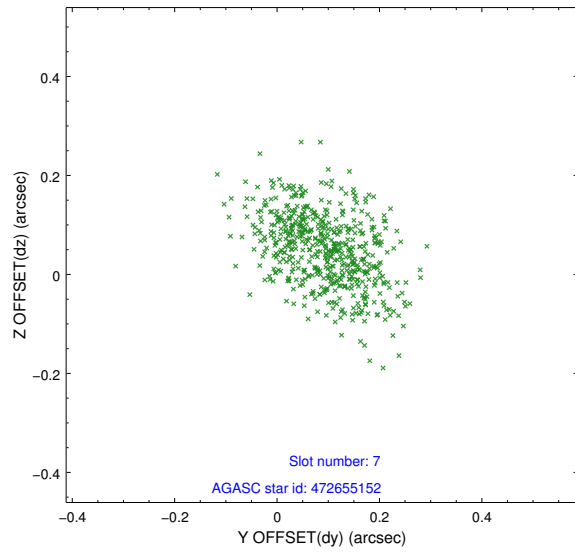
2.4.3 Slot 5



2.4.4 Slot 6

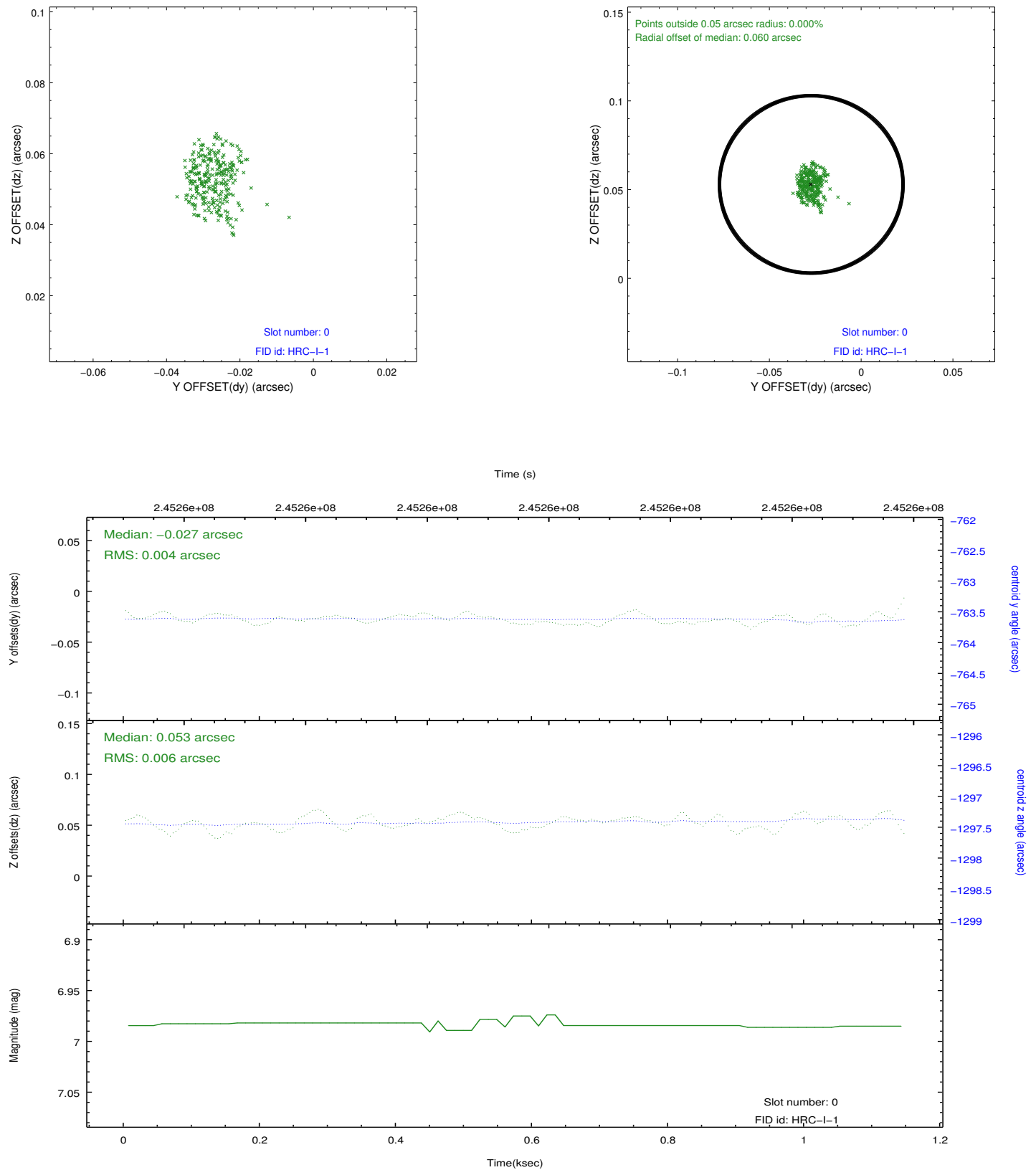


2.4.5 Slot 7

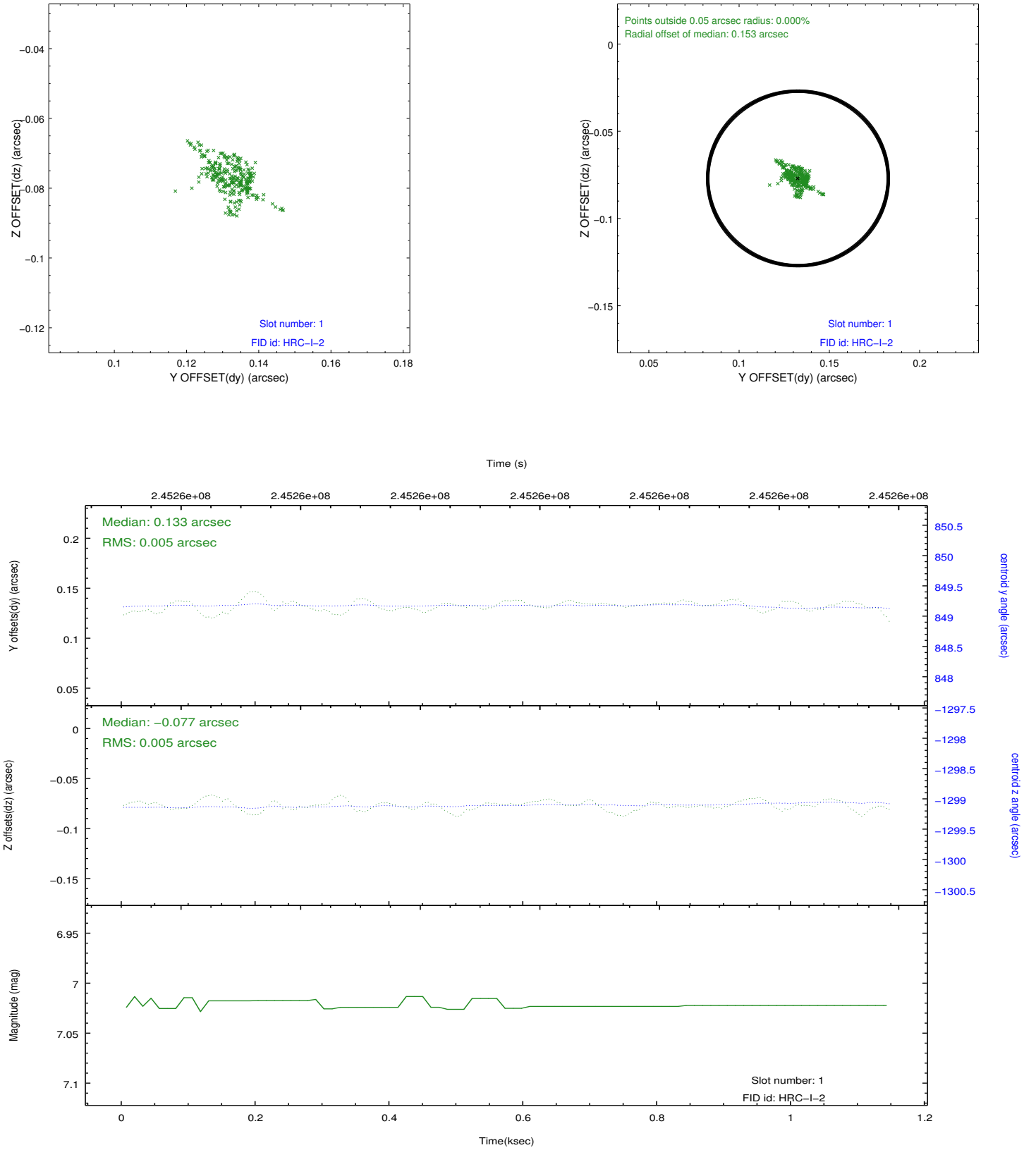


2.5 FID Slots

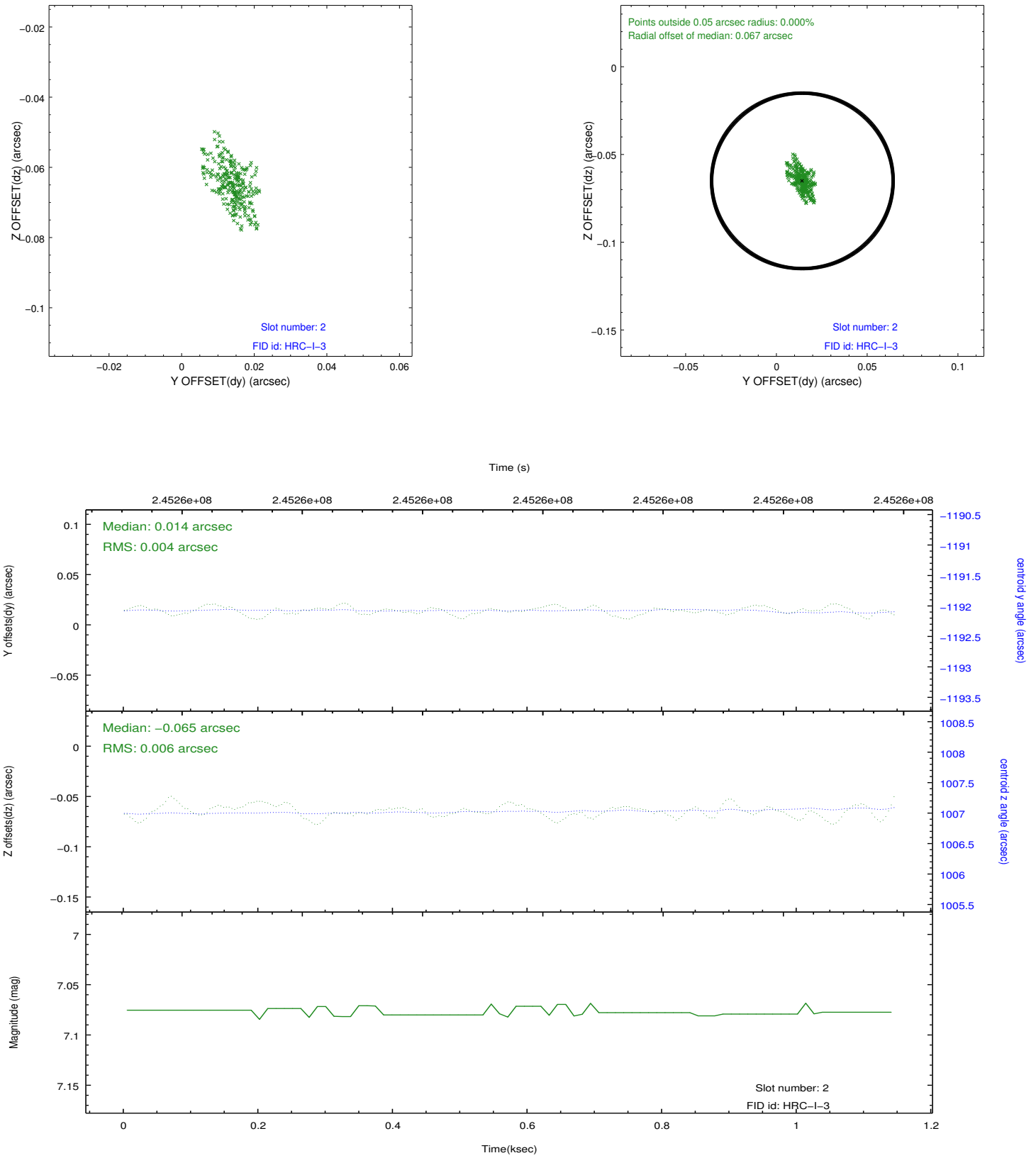
2.5.1 Slot 0



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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.145181

A.2 Comments