

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9675 - L2 Version 3
Chandra X-Ray Center

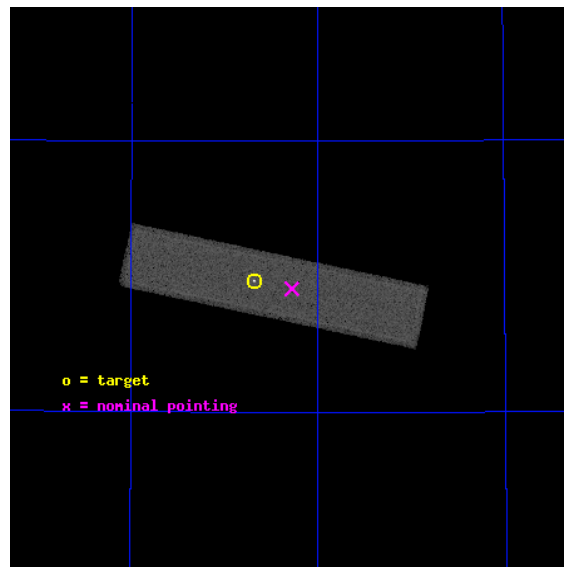
L2 Processing Date : Aug 12 2012

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1 Front

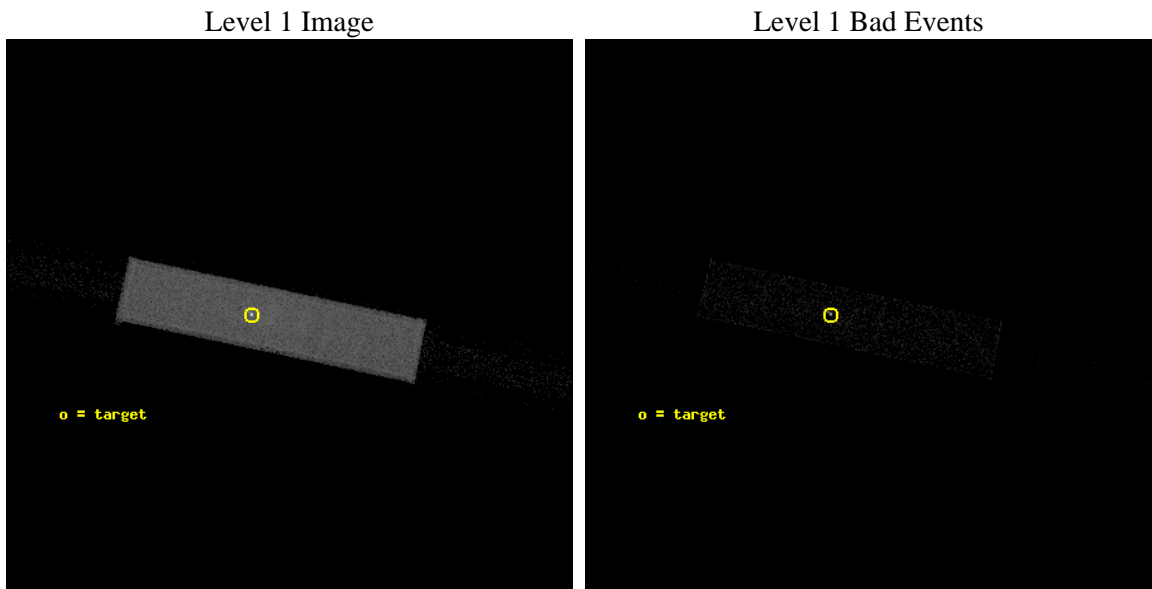
seq_num	290798	Sequence number
obs_id	9675	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.06888189946	Nominal RA [deg]
dec_nom	45.72790171016	Nominal Dec [deg]
roll_nom	191.81780899983	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1331.731315434	[s]
livetime	1319.8720122804	Ontime multiplied by DTCOR
l2events	84927	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1331.731315434	[s]
caldsver	4.5.1.1	 	l1events	130082	Number of level 1 events
date	2012-08-12T18:11:58	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

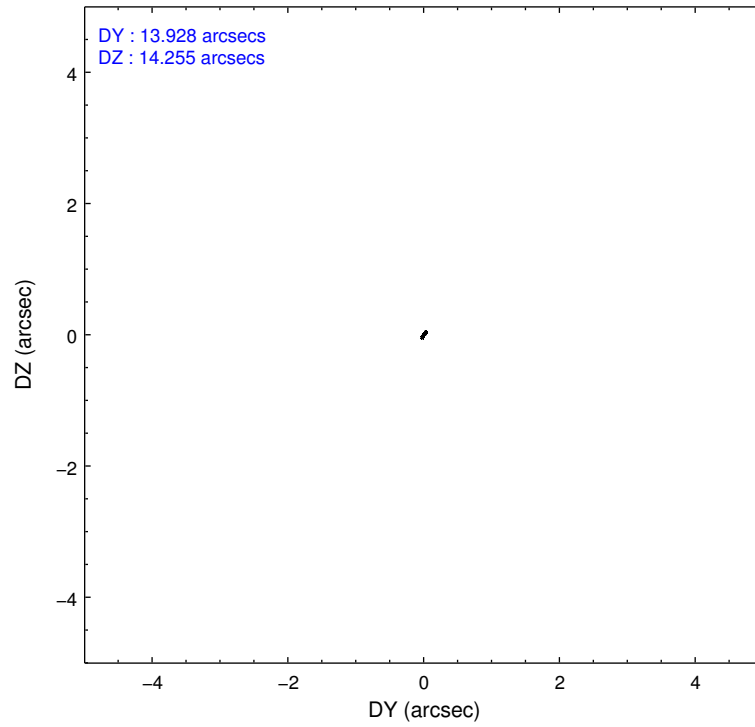
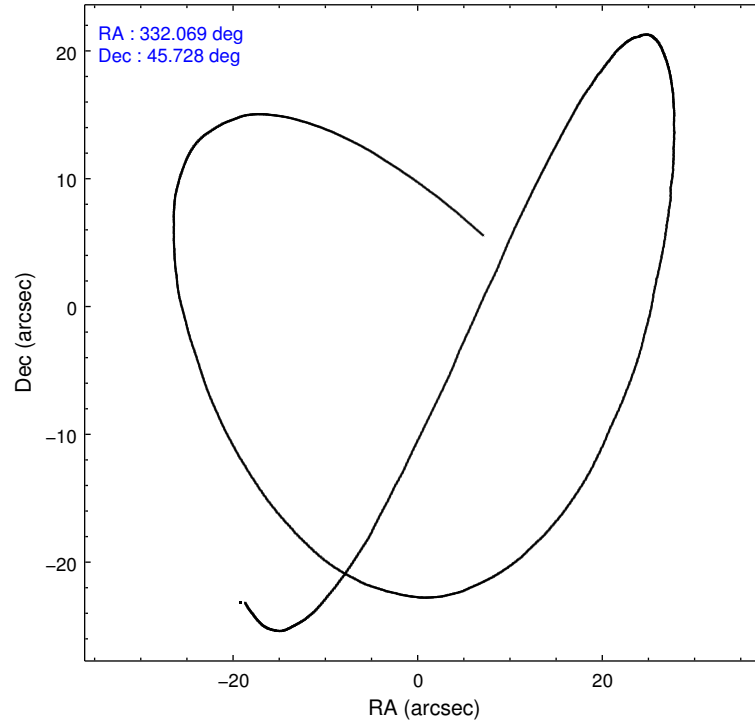
Level 1 Events

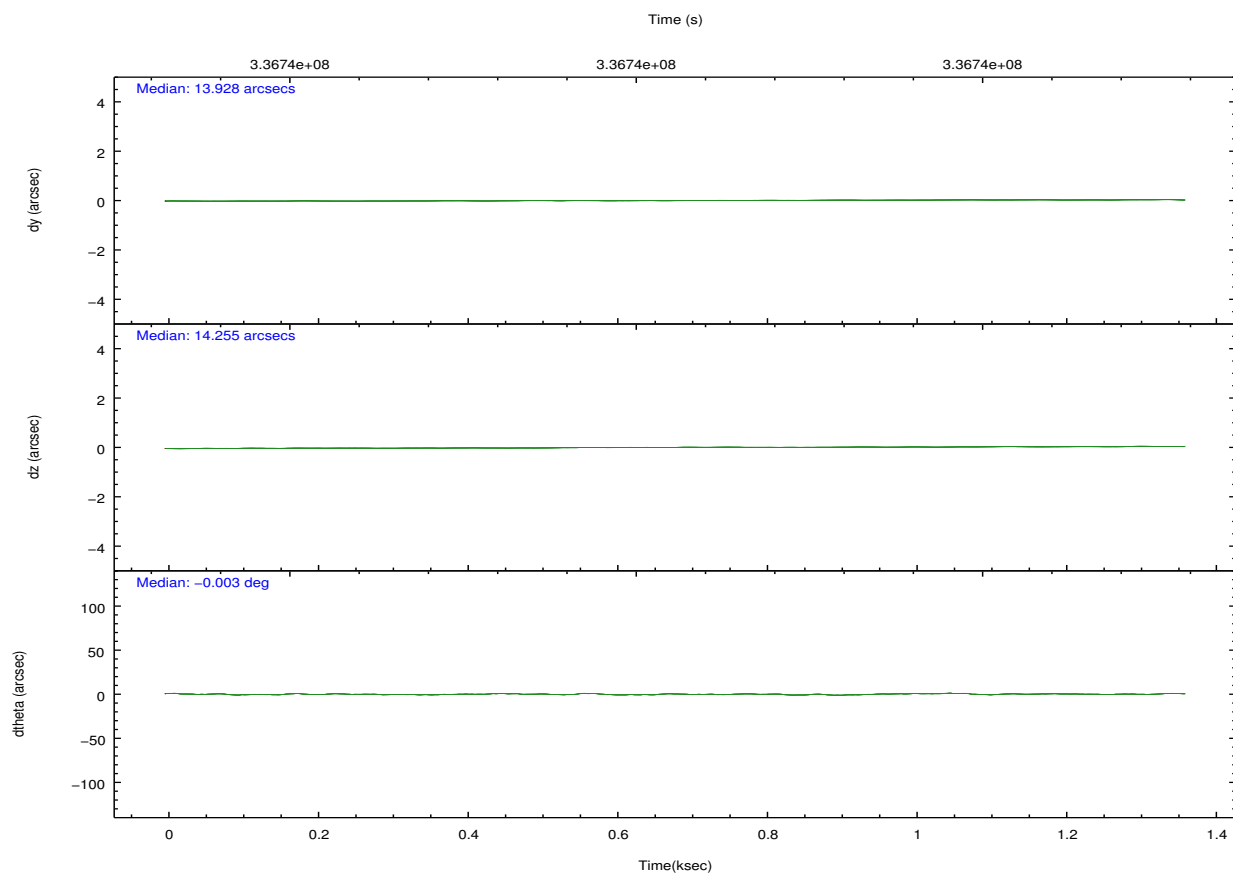
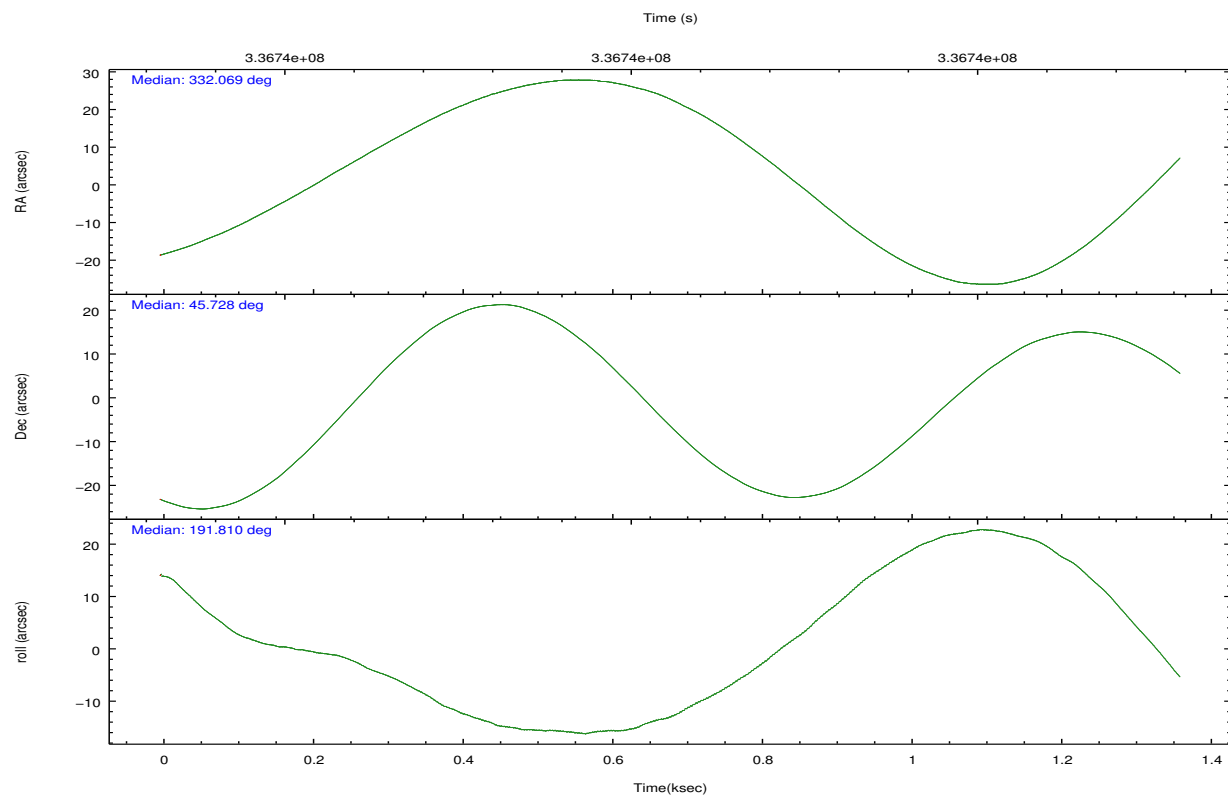
	segment 1	segment 2	segment 3
level 1 events	1015	128116	951
rejected events	1015	26370	951
rejected %	100%	20%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.099029	332.0688818994634			
[deg] Pointing Dec	45.748044	45.72790171015971			
[deg] Pointing Roll	191.728827	191.8178089998295			
[mm] SIM focus pos	-1.533336	-1.526339935833849			
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	336736563.184000	336736186.6714			
Observation start date	2008-09-02T09:54:58	2008-09-02T09:49:46			
[s] Observation end time (MET)	336737743.184000	336737876.89649			
Observation end date	2008-09-02T10:14:38	2008-09-02T10:17:56			

2.3 Aspect



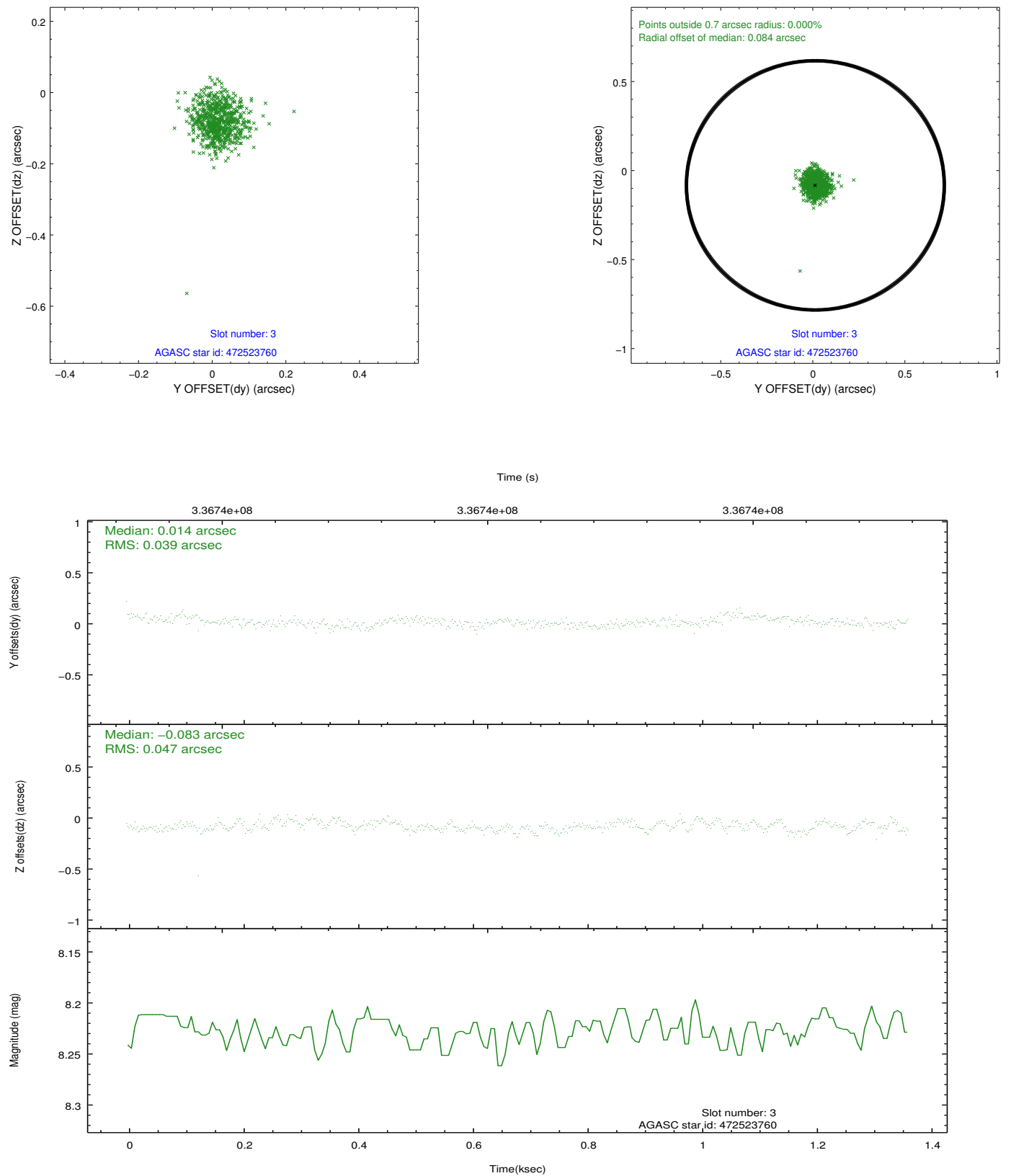


Slot Statistics

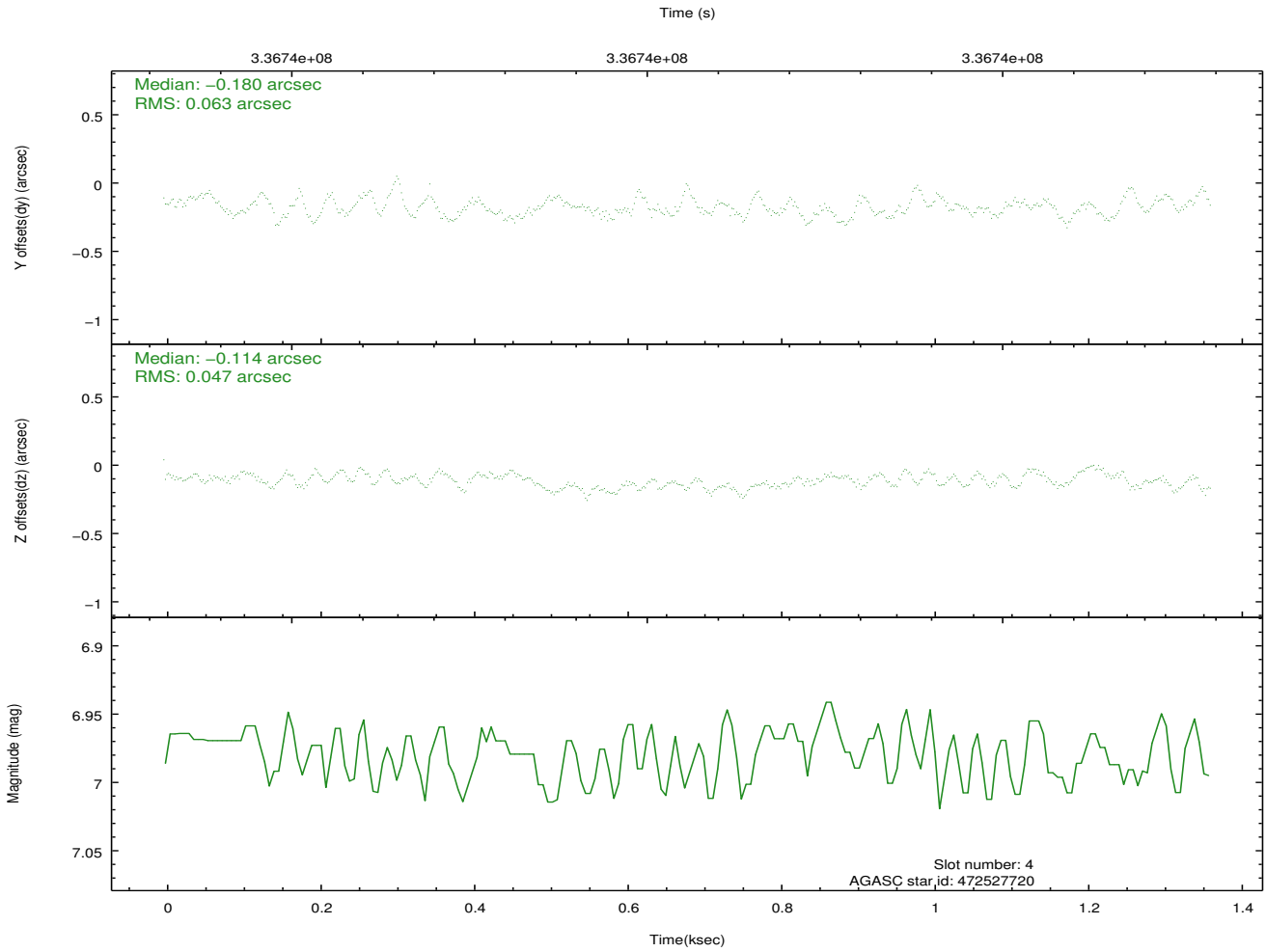
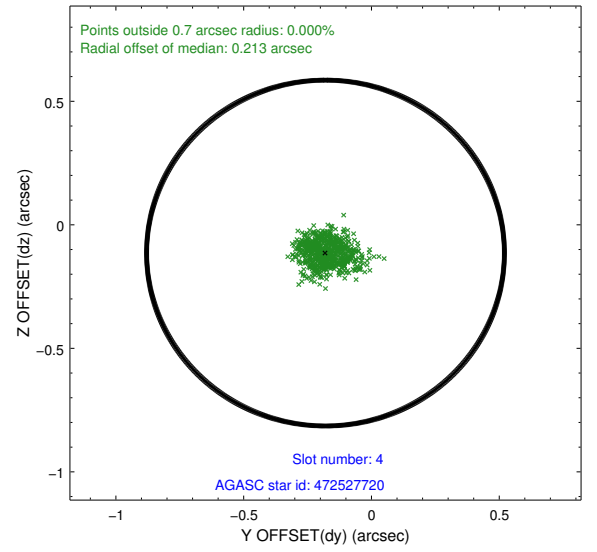
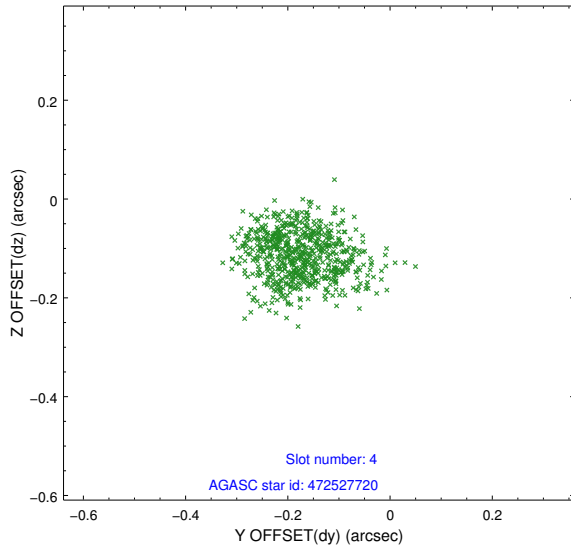
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	333	0.088	-0.198	0.007	0.011	0.000000	0.000000	-1168.29	-463.12
1	FID	HRC-S-2	7.00	333	0.196	-0.111	0.005	0.009	0.000000	0.000000	1227.97	-457.06
2	FID	HRC-S-3	7.02	333	0.105	0.007	0.007	0.012	0.000000	0.000000	-1167.30	565.24
3	GUIDE	472523760	8.23	665	0.014	-0.083	0.063	0.099	331.645363	45.403260	1372.50	979.85
4	GUIDE	472527720	6.98	666	-0.180	-0.114	0.084	0.133	331.460205	45.112509	2052.69	1906.29
5	GUIDE	472535576	7.87	666	-0.088	0.090	0.059	0.098	331.438373	46.291802	1211.22	-2253.62
6	GUIDE	472665256	8.99	666	0.262	0.088	0.082	0.139	332.808125	46.195041	-2058.53	-1226.97
7	GUIDE	472533912	9.14	665	-0.005	0.016	0.114	0.177	331.791136	46.368695	289.66	-2345.71

2.4 Star Slots

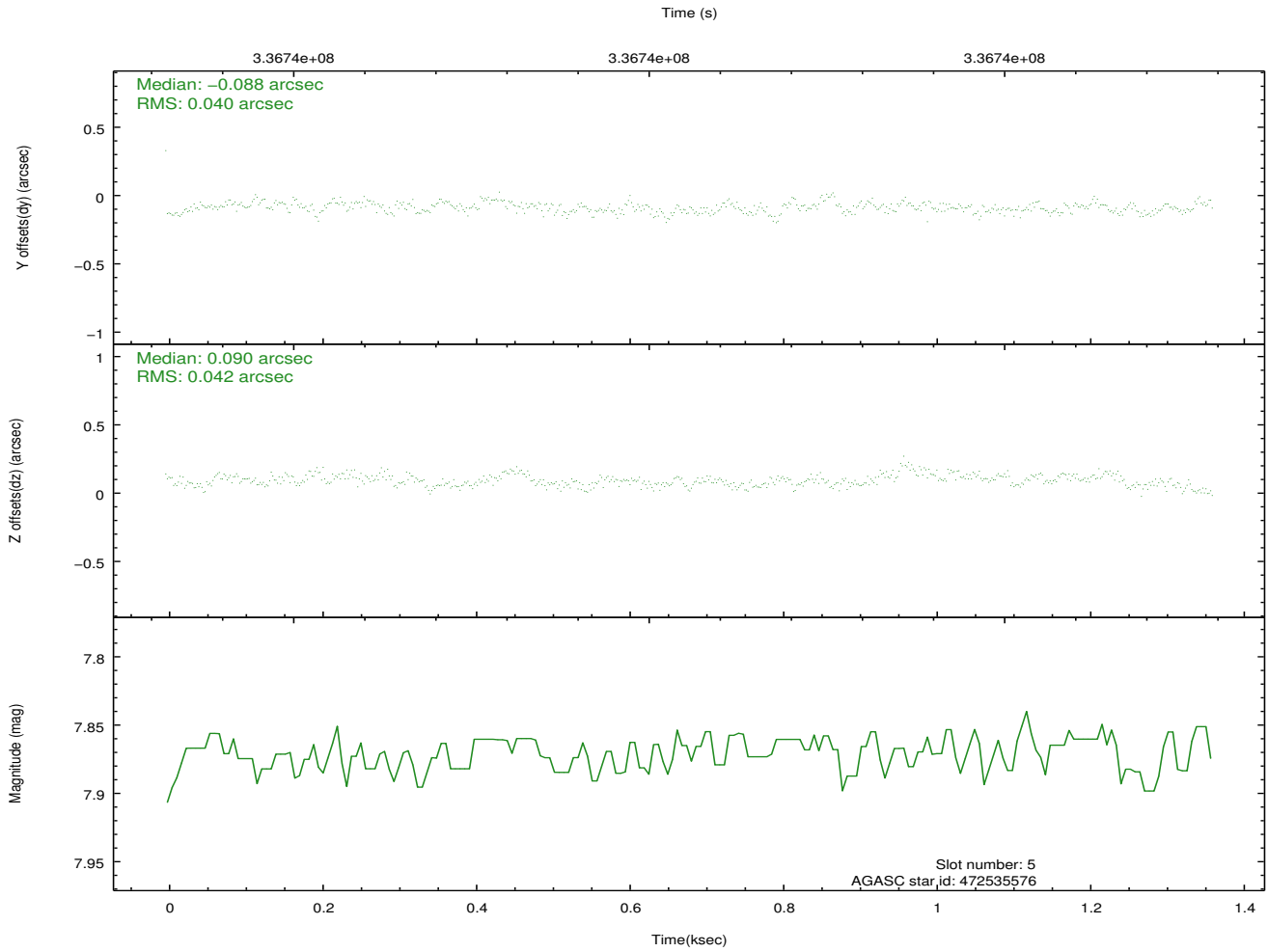
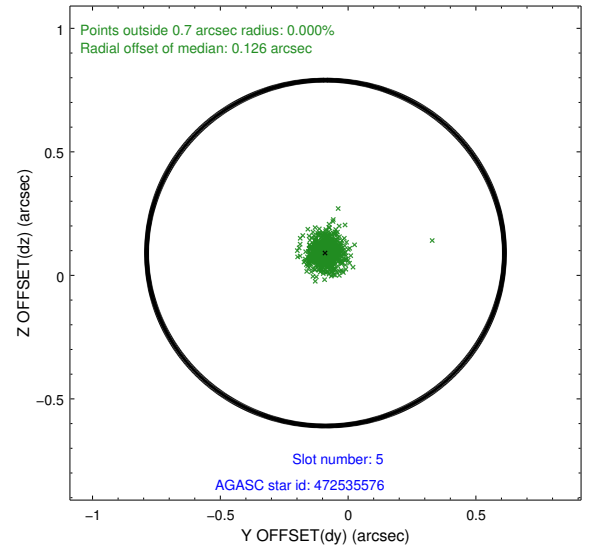
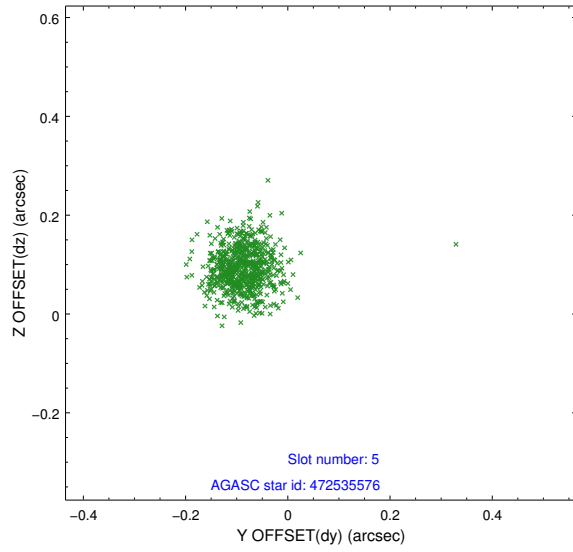
2.4.1 Slot 3



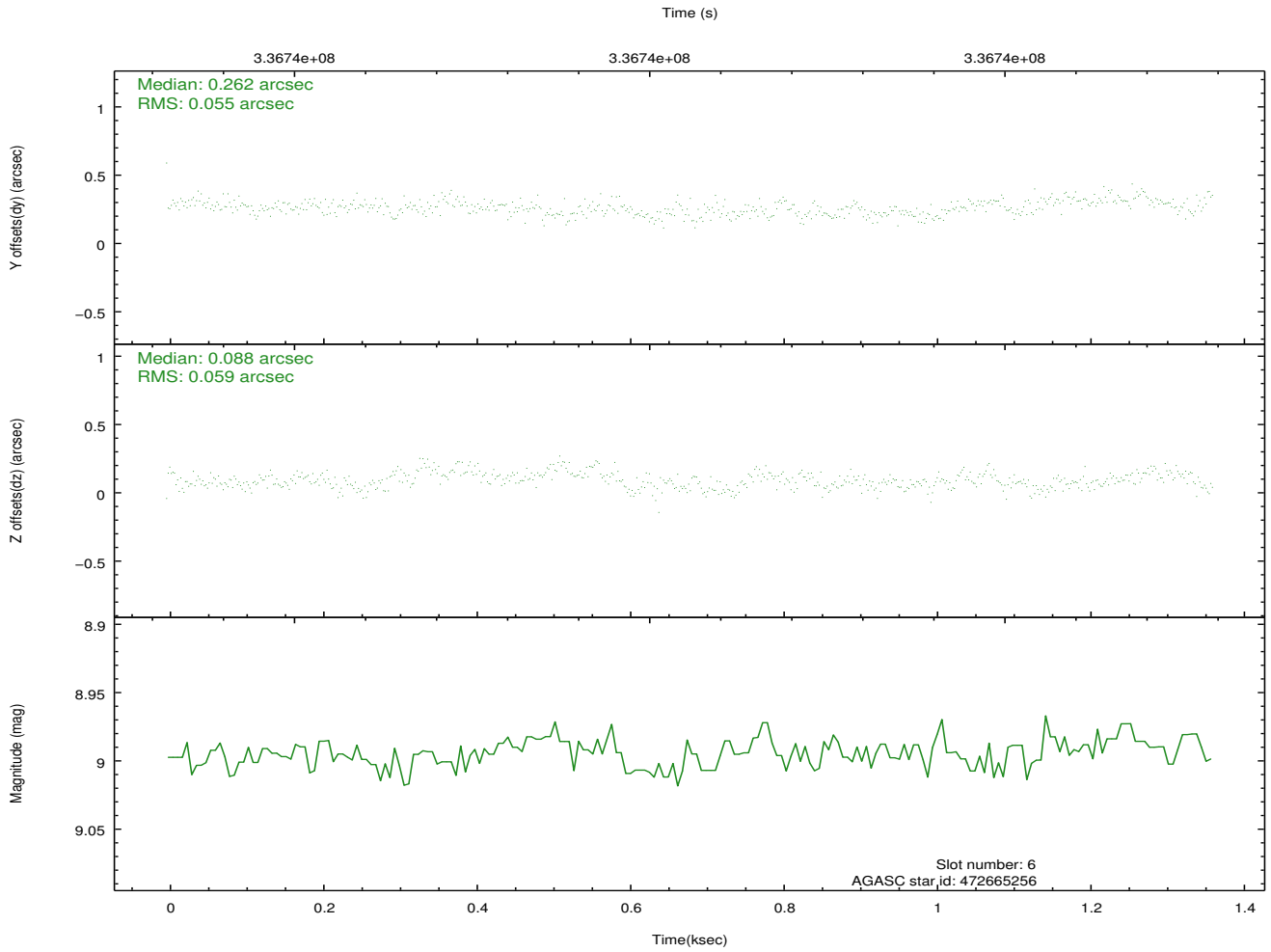
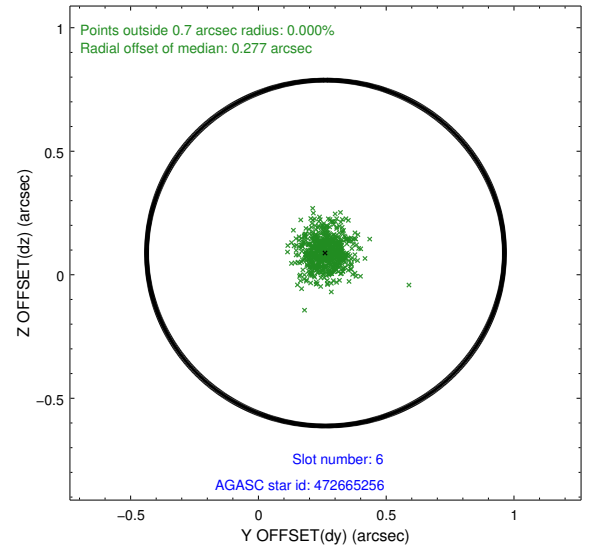
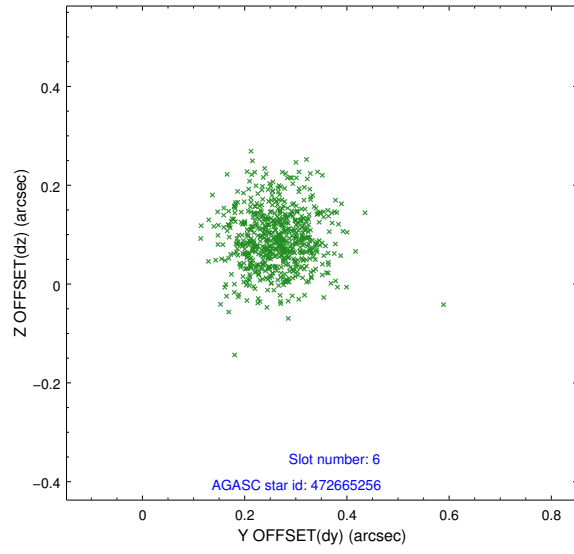
2.4.2 Slot 4



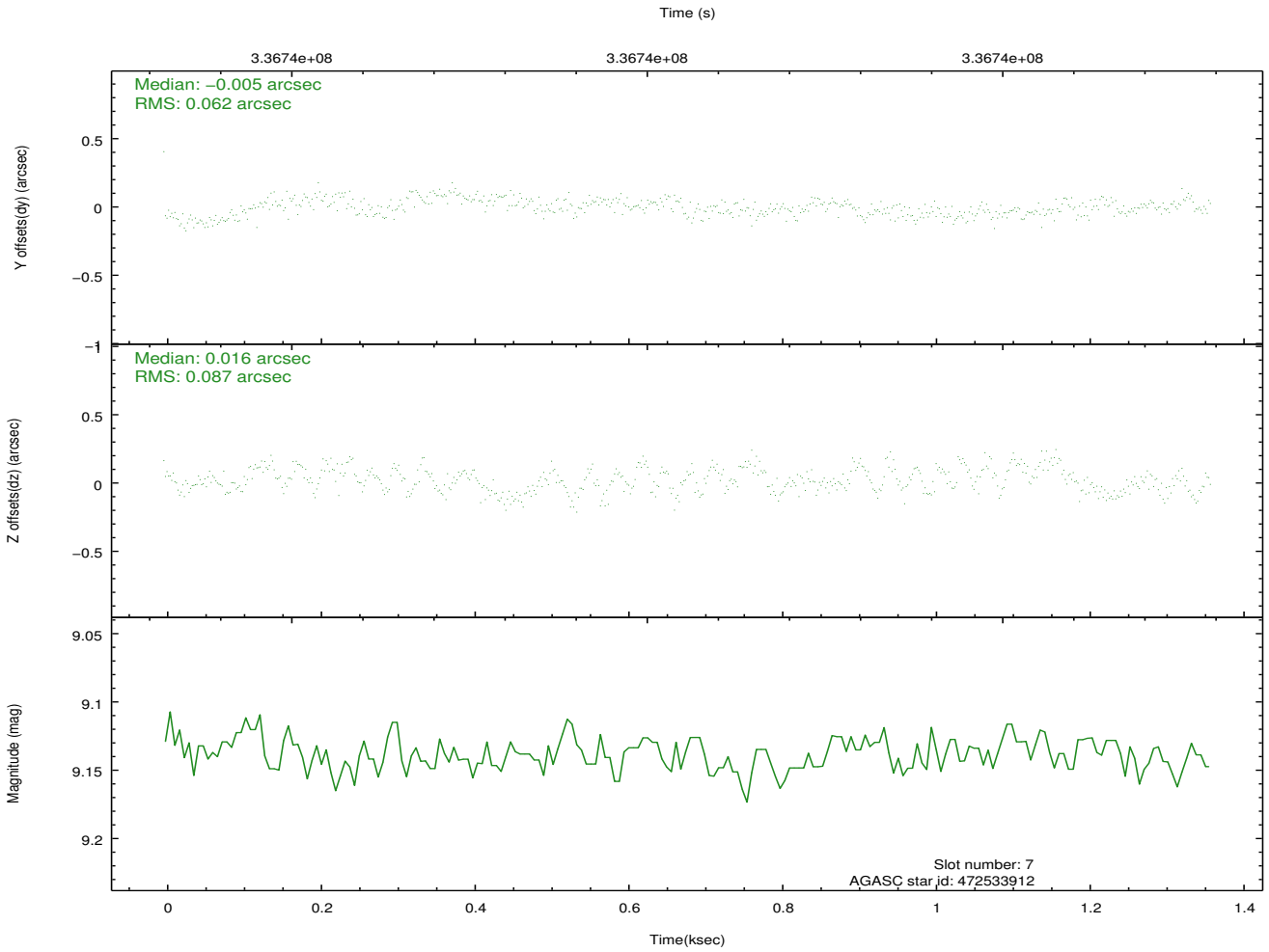
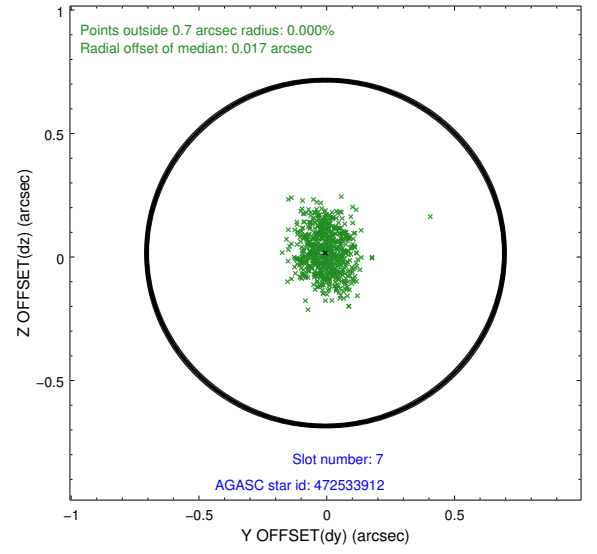
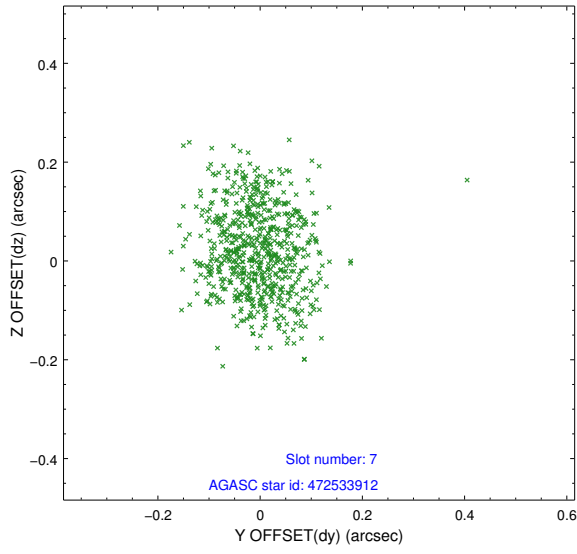
2.4.3 Slot 5



2.4.4 Slot 6

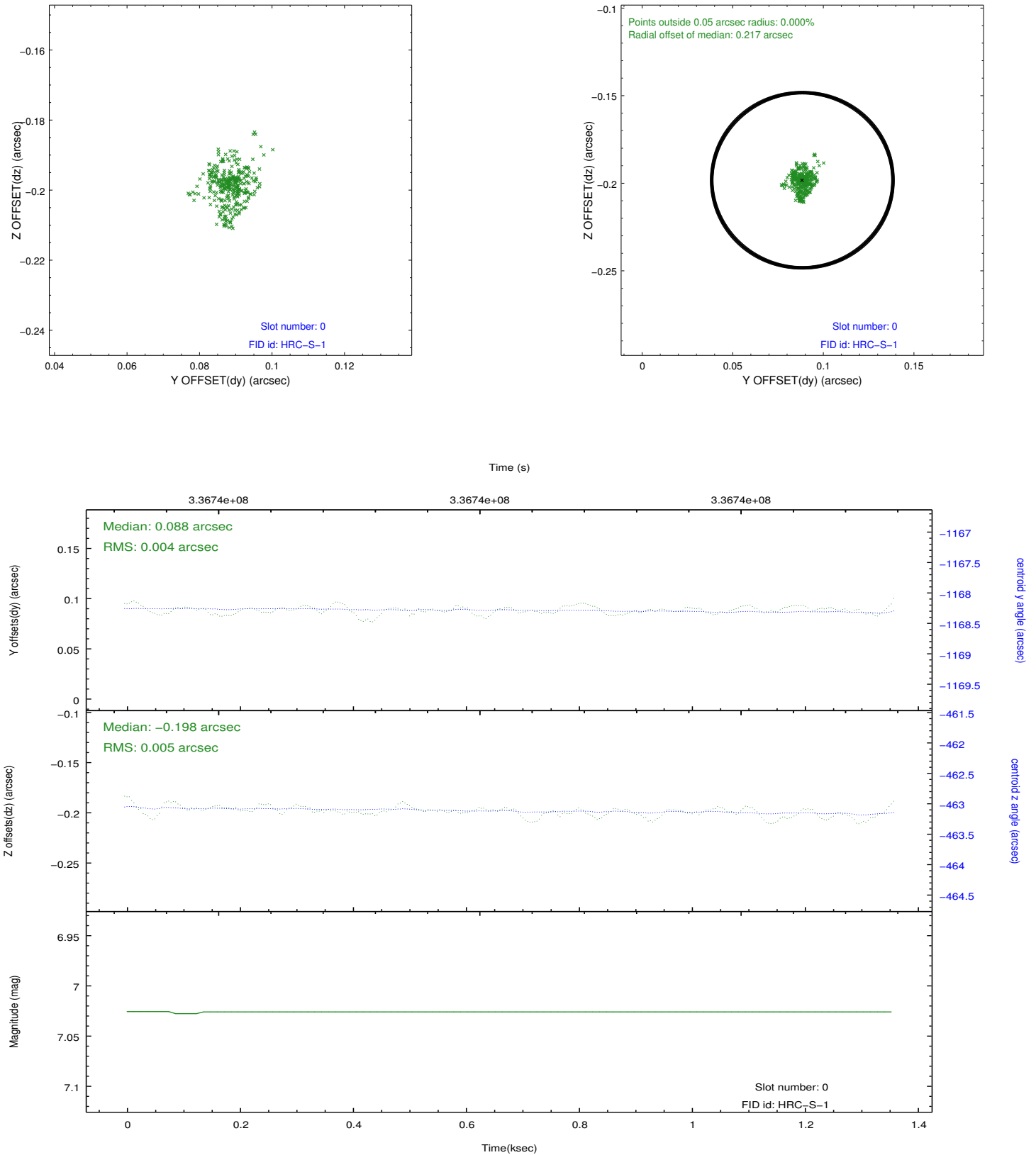


2.4.5 Slot 7

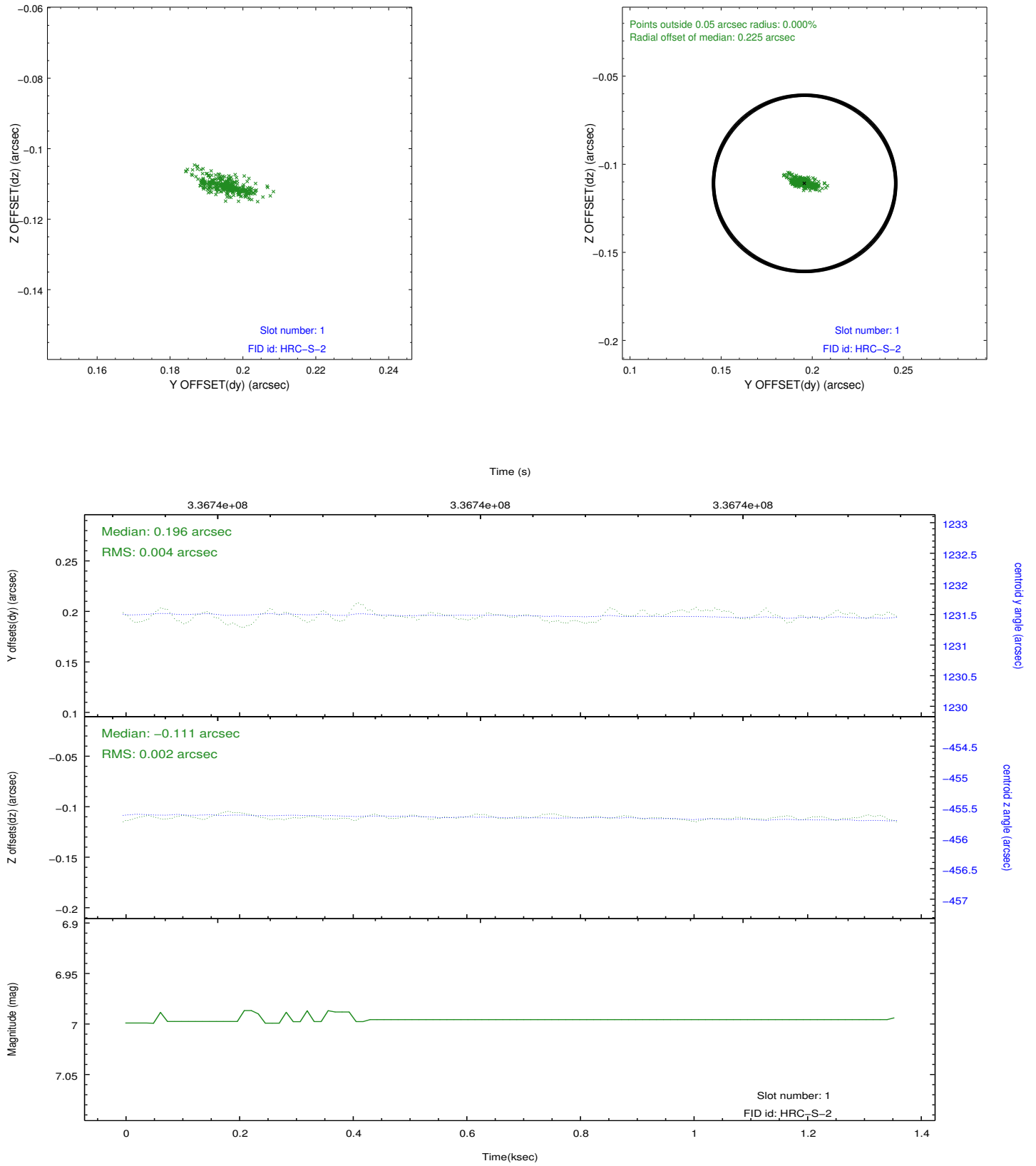


2.5 FID Slots

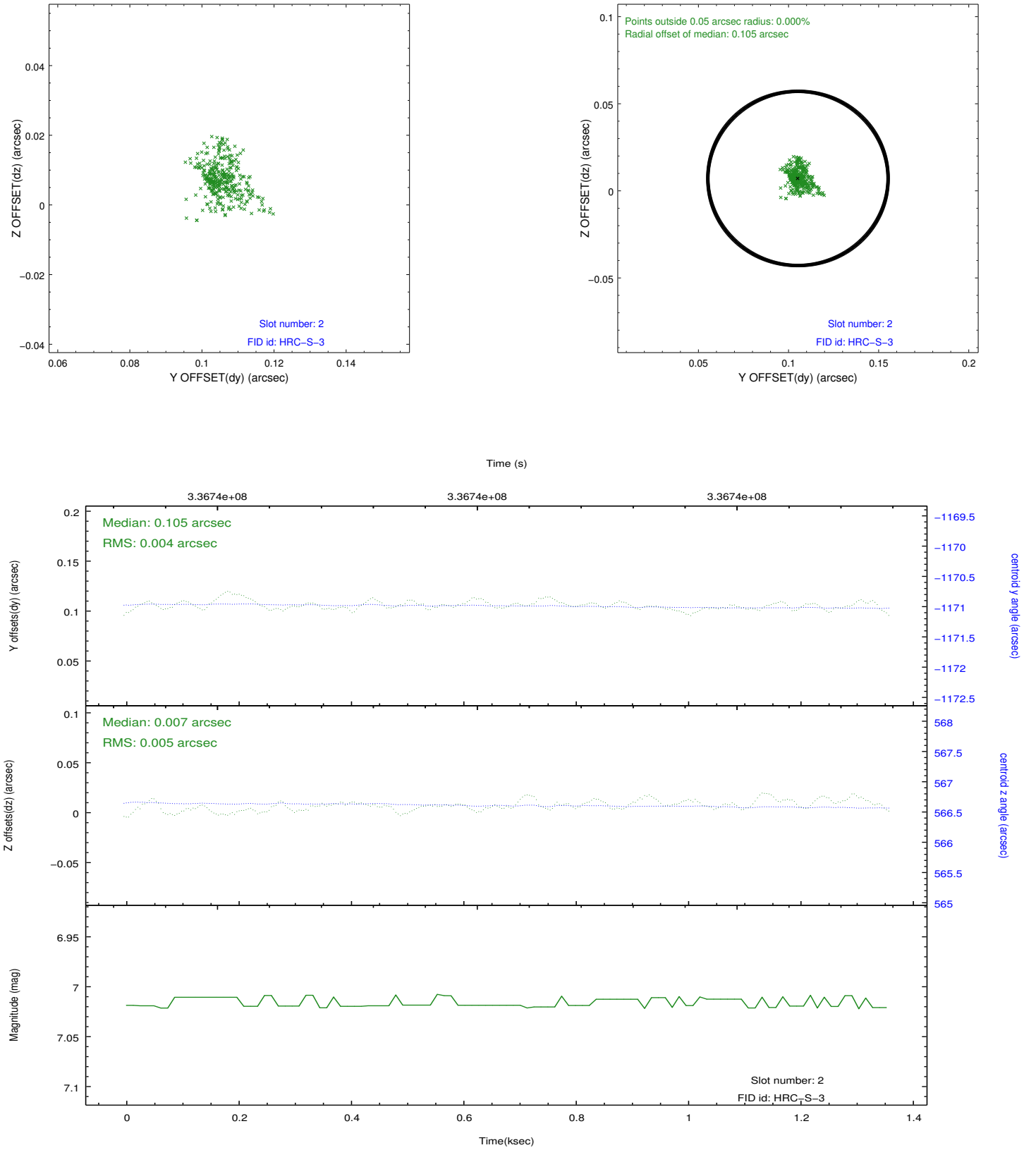
2.5.1 Slot 0



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)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.33173131

A.2 Comments