

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6001 - L2 Version 3
Chandra X-Ray Center

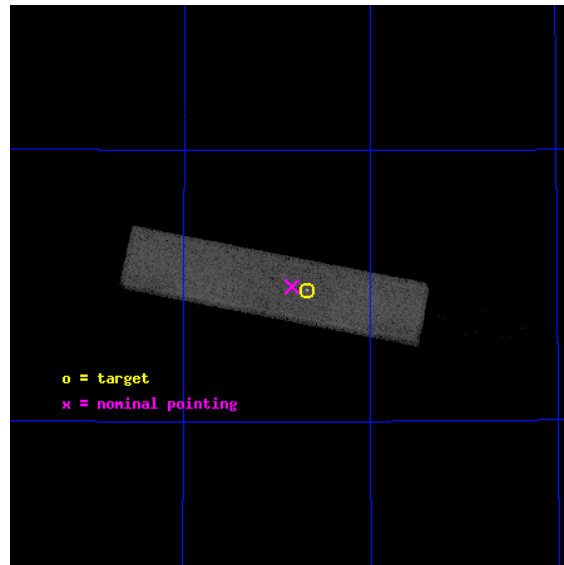
L2 Processing Date : Mar 19 2013

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

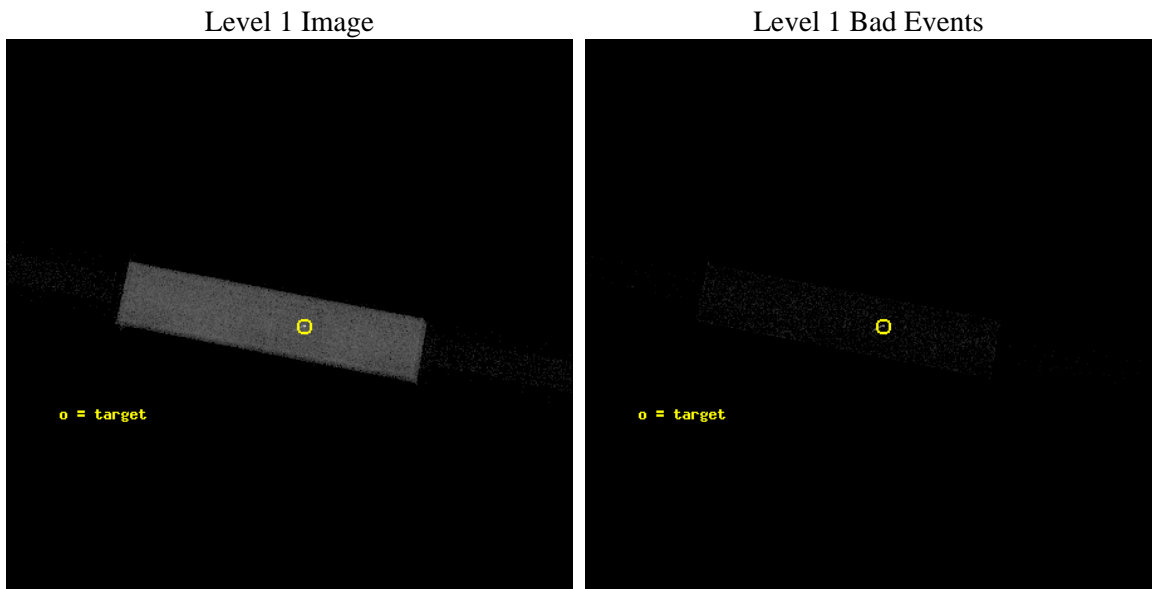
seq_num	290493	Sequence number
obs_id	6001	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21061772242	Nominal RA [deg]
dec_nom	45.748868321114	Nominal Dec [deg]
roll_nom	190.84700199527	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.4813031852	[s]
livetime	1145.8492301563	Ontime multiplied by DTCOR
l2events	86106	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	1157.4813031852	[s]
caldsver	4.5.5	 	l1events	127109	Number of level 1 events
date	2012-12-28T18:48:57	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

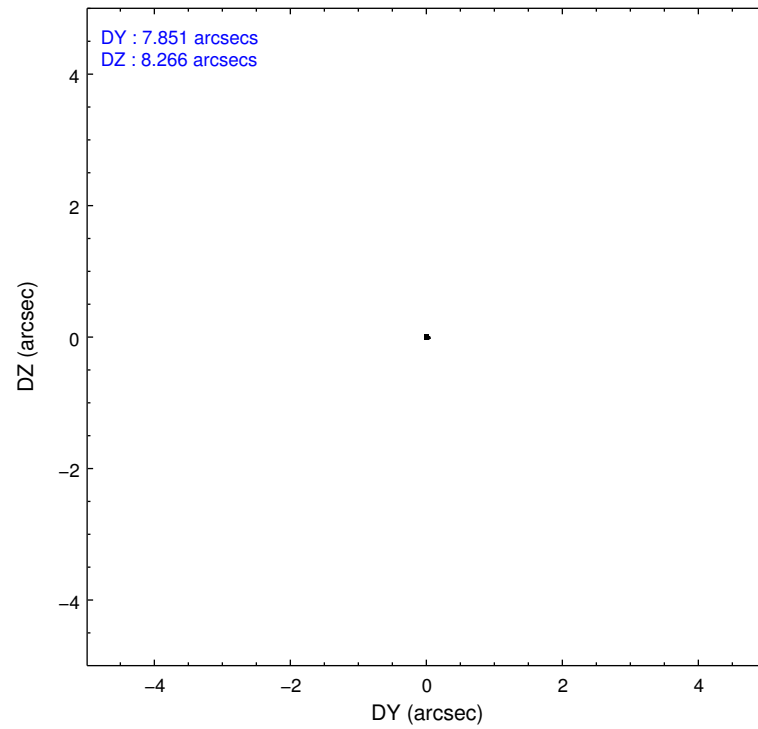
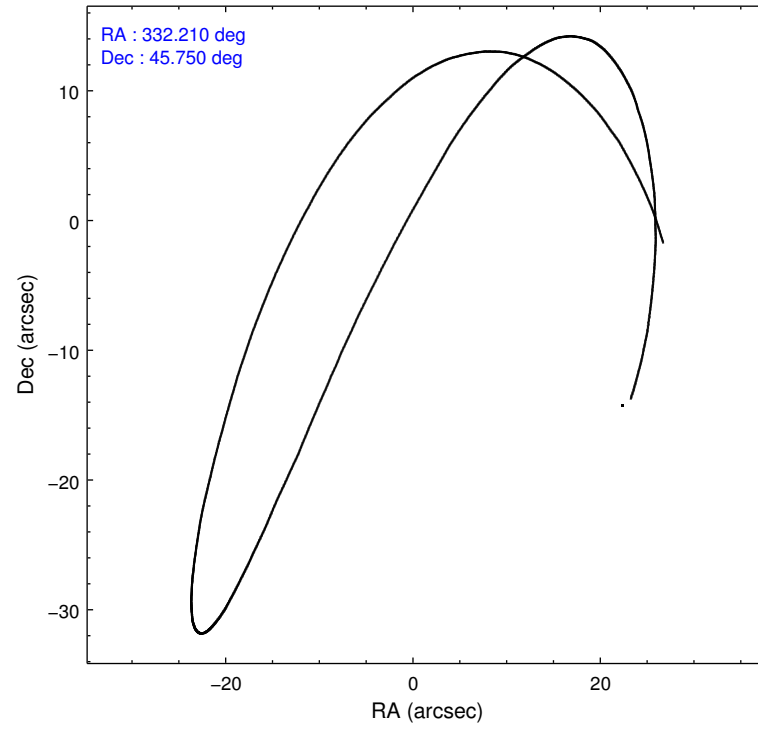
	segment 1	segment 2	segment 3
level 1 events	1129	124869	1111
rejected events	1129	25896	1087
rejected %	100%	20%	97%

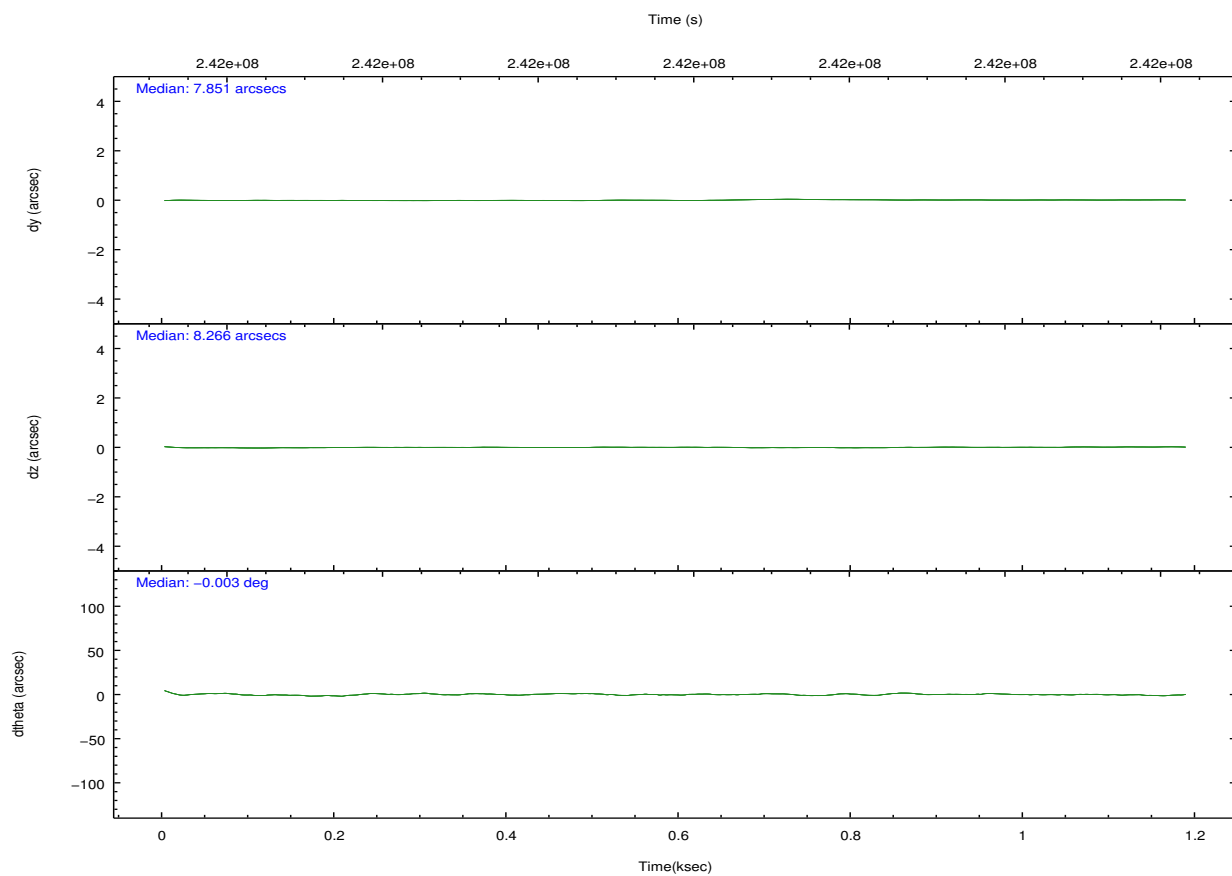
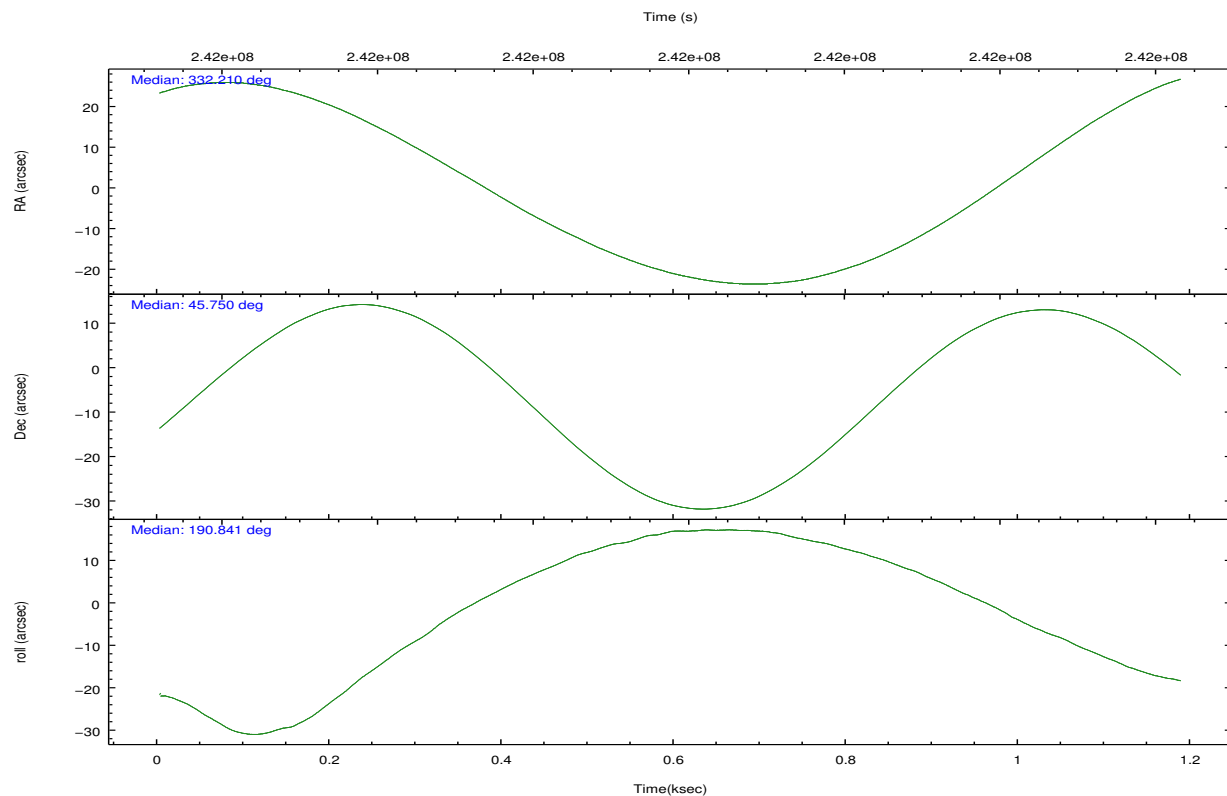
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.239951	332.2106177224198
[deg] Pointing Dec	45.767552	45.748868321114
[deg] Pointing Roll	190.758685	190.8470019952658
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	241999774.184000	241999398.6335
Observation start date	2005-09-01T22:08:30	2005-09-01T22:03:18
[s] Observation end time (MET)	242000774.184000	242000908.45857
Observation end date	2005-09-01T22:25:10	2005-09-01T22:28:28

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

2.3 Aspect



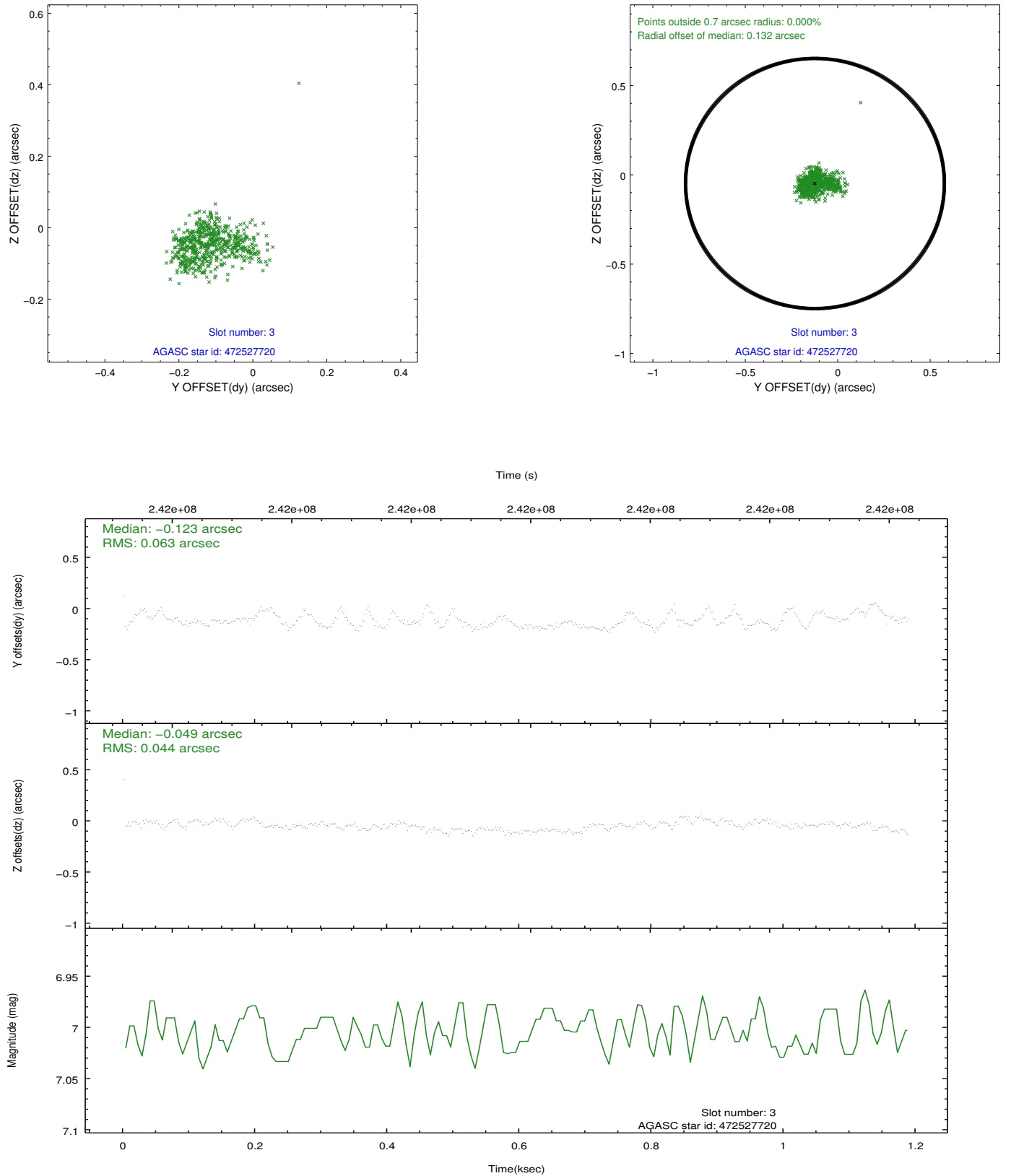


Slot Statistics

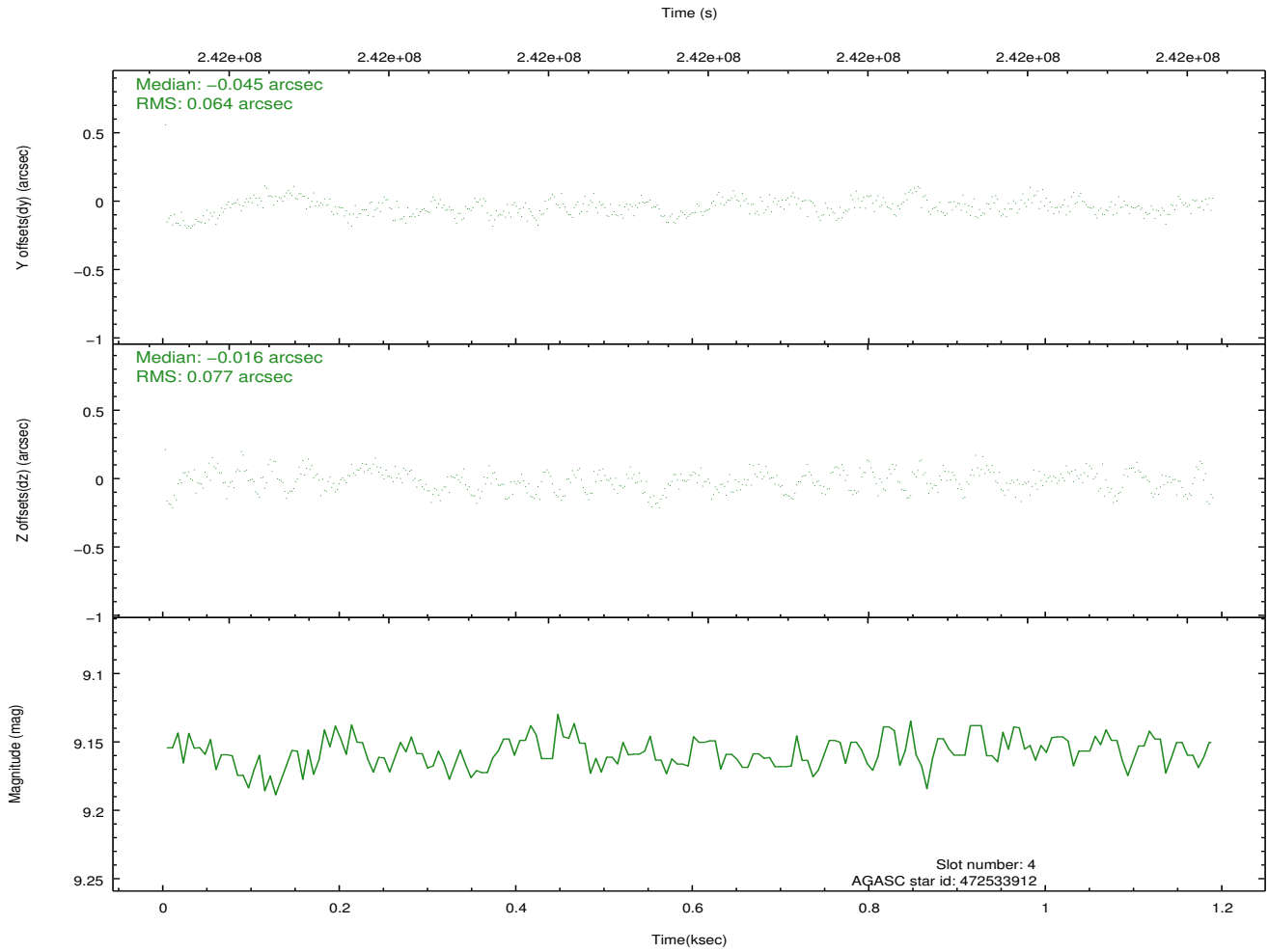
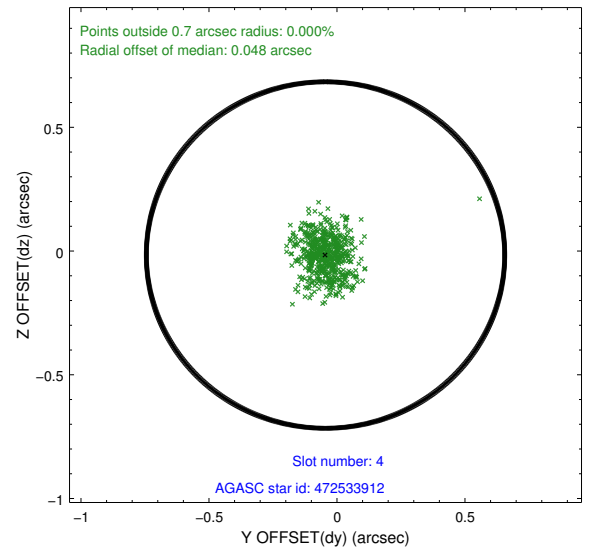
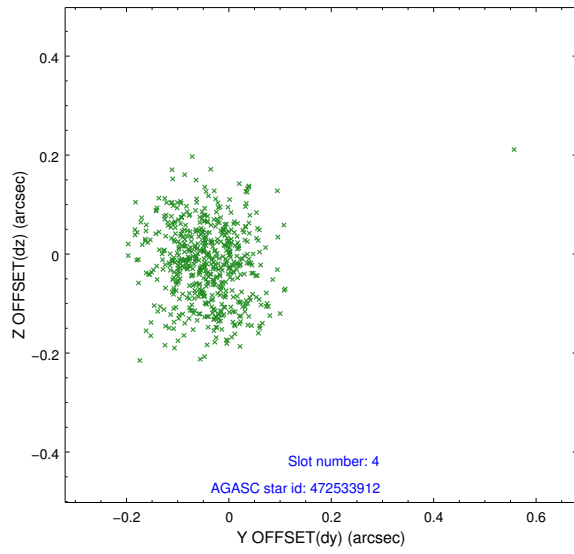
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	290	0.077	-0.141	0.005	0.008	0.000000	0.000000	-1162.09	-456.87
1	FID	HRC-S-2	7.04	290	0.102	-0.088	0.009	0.015	0.000000	0.000000	1233.61	-451.06
2	FID	HRC-S-4	7.02	290	0.225	-0.075	0.008	0.014	0.000000	0.000000	1240.58	573.70
3	GUIDE	472527720	7.00	580	-0.123	-0.049	0.078	0.127	331.460205	45.112509	2386.09	1941.62
4	GUIDE	472533912	9.16	580	-0.045	-0.016	0.106	0.166	331.791136	46.368695	696.89	-2330.04
5	GUIDE	472535576	7.86	580	-0.156	0.069	0.069	0.113	331.438373	46.291802	1607.88	-2236.15
6	GUIDE	472655152	9.44	580	0.134	0.025	0.105	0.181	332.504239	45.862991	-710.58	-214.96
7	GUIDE	472665256	9.00	579	0.181	-0.015	0.080	0.128	332.808125	46.195041	-1678.37	-1249.34

2.4 Star Slots

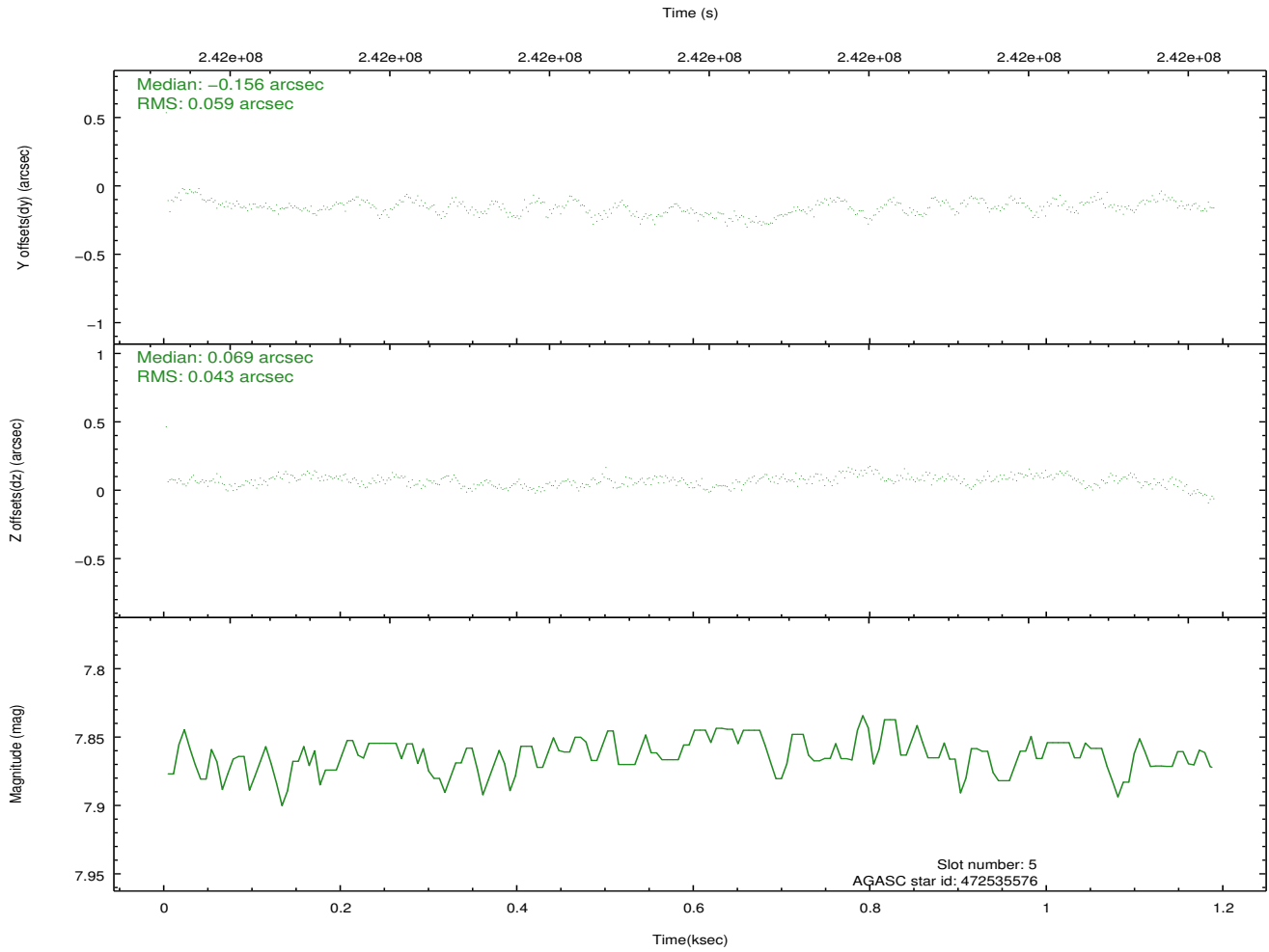
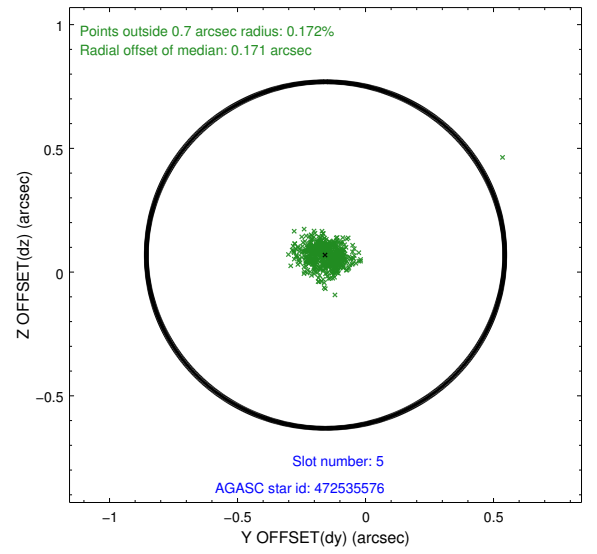
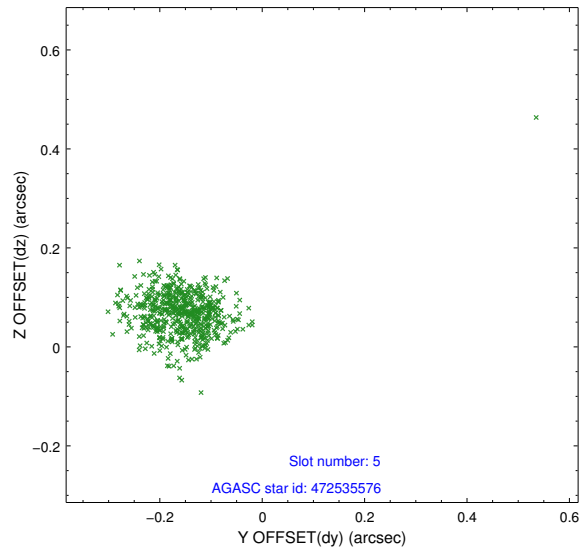
2.4.1 Slot 3



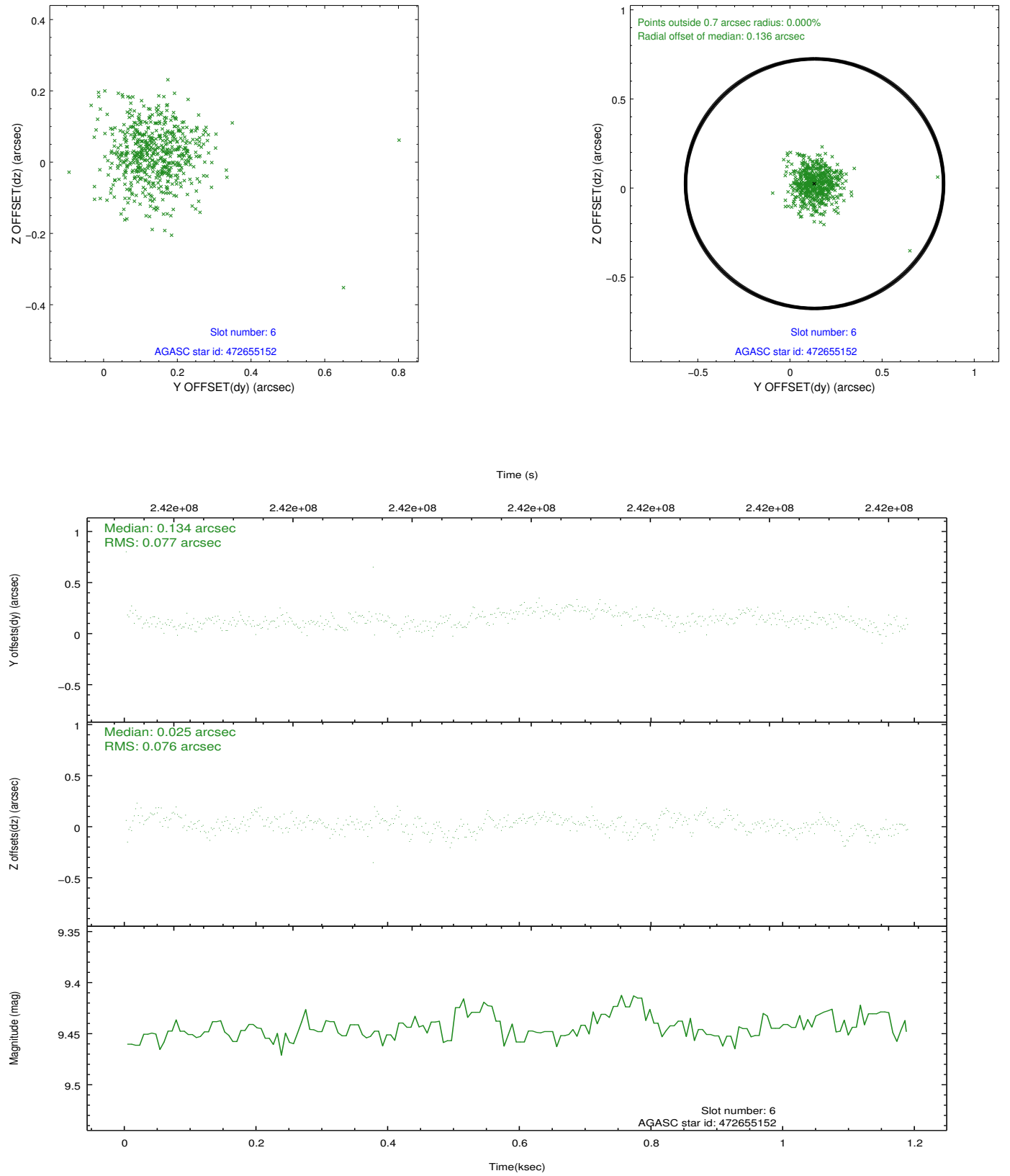
2.4.2 Slot 4



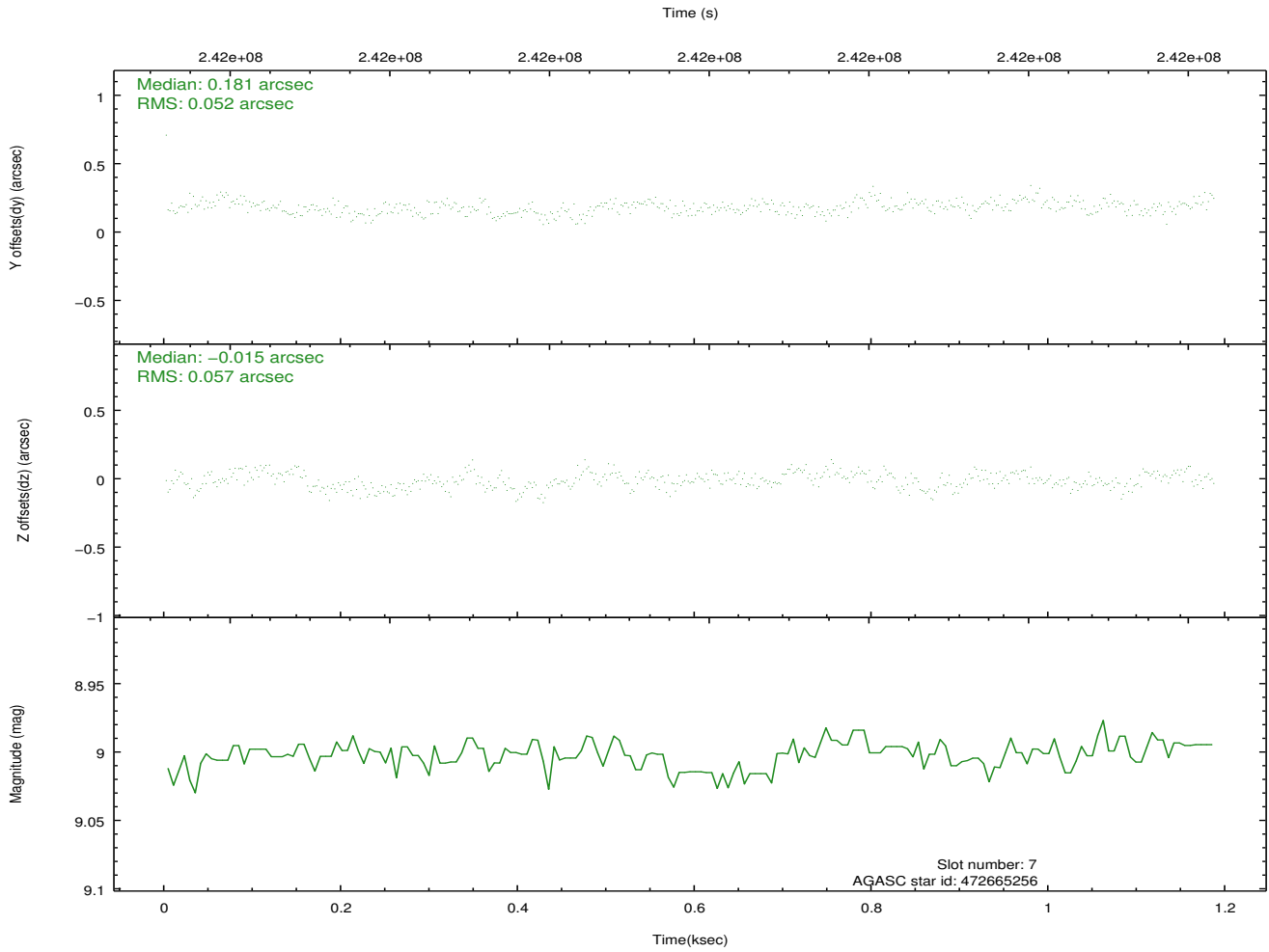
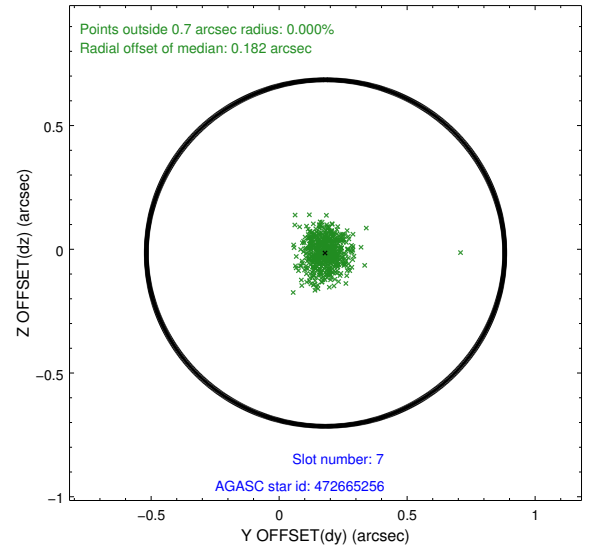
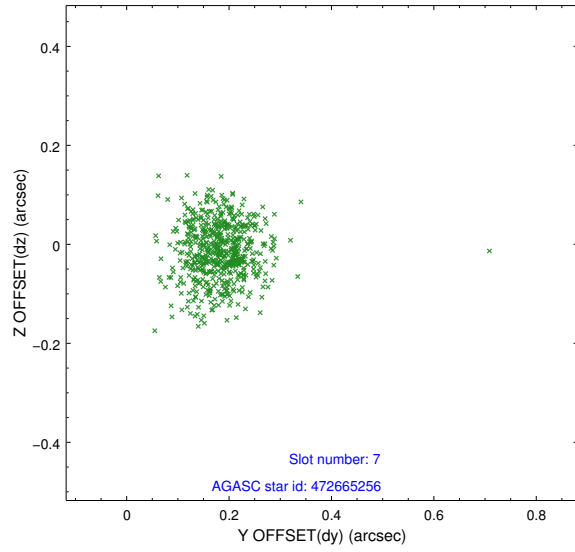
2.4.3 Slot 5



2.4.4 Slot 6

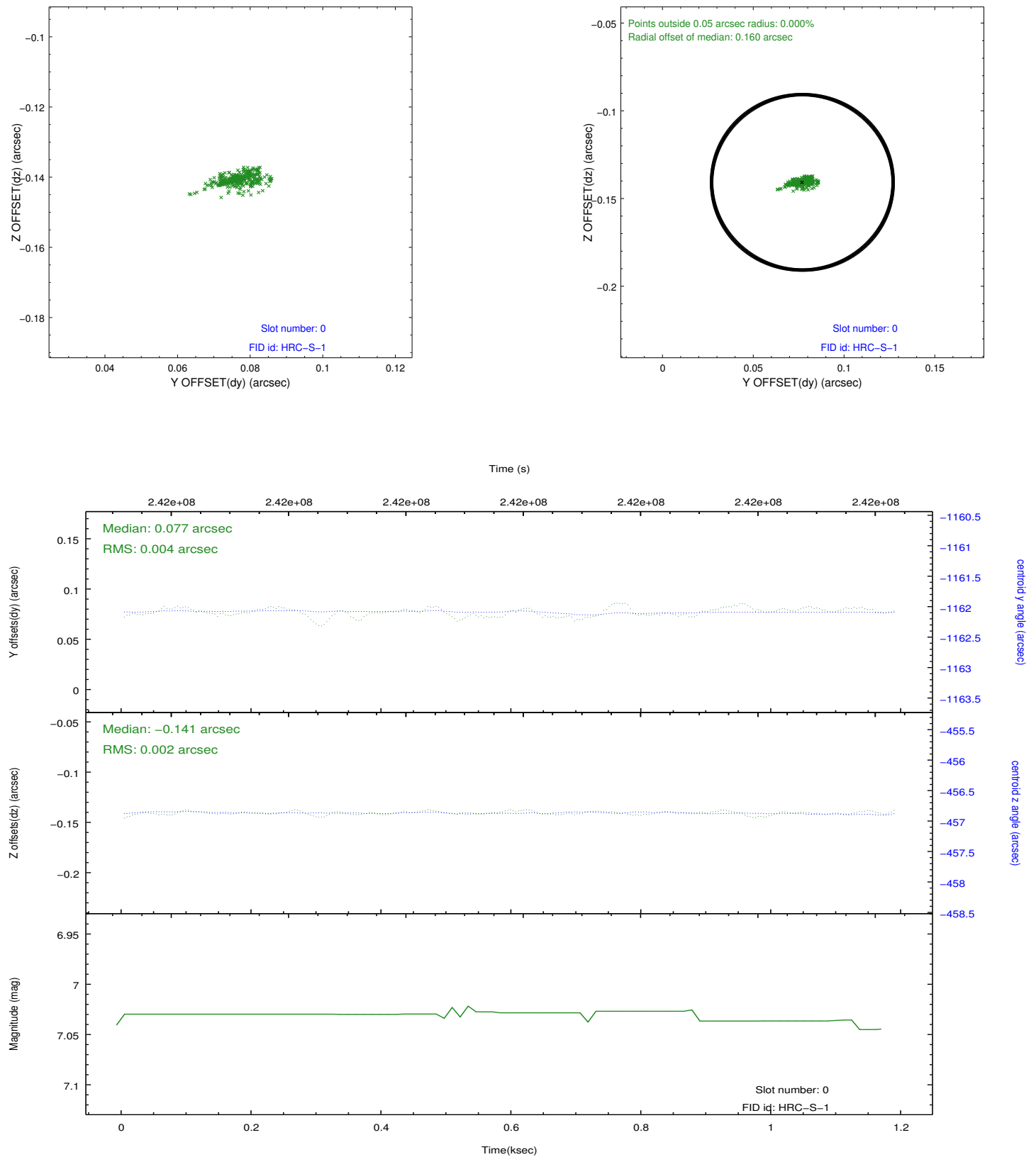


2.4.5 Slot 7

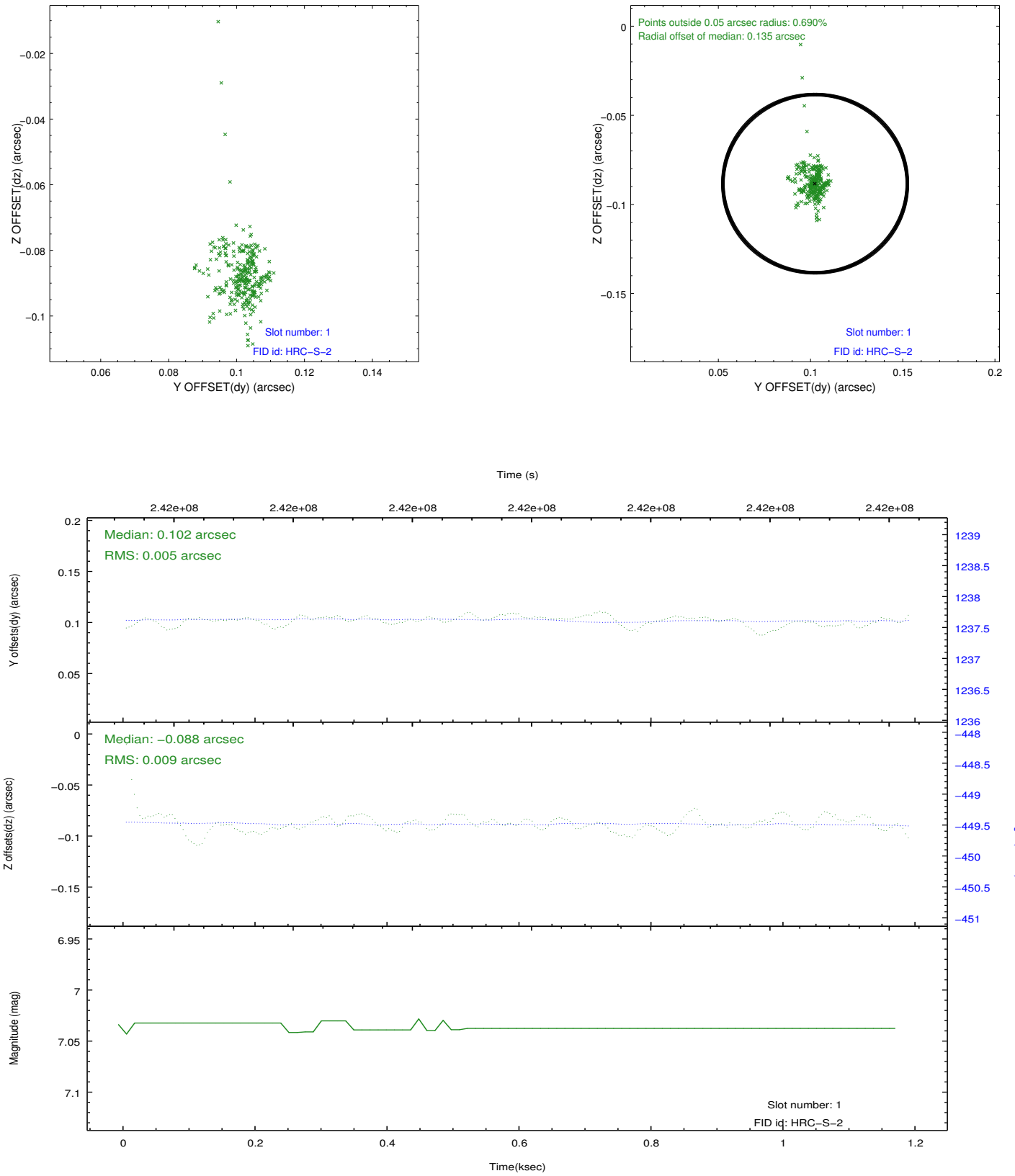


2.5 FID Slots

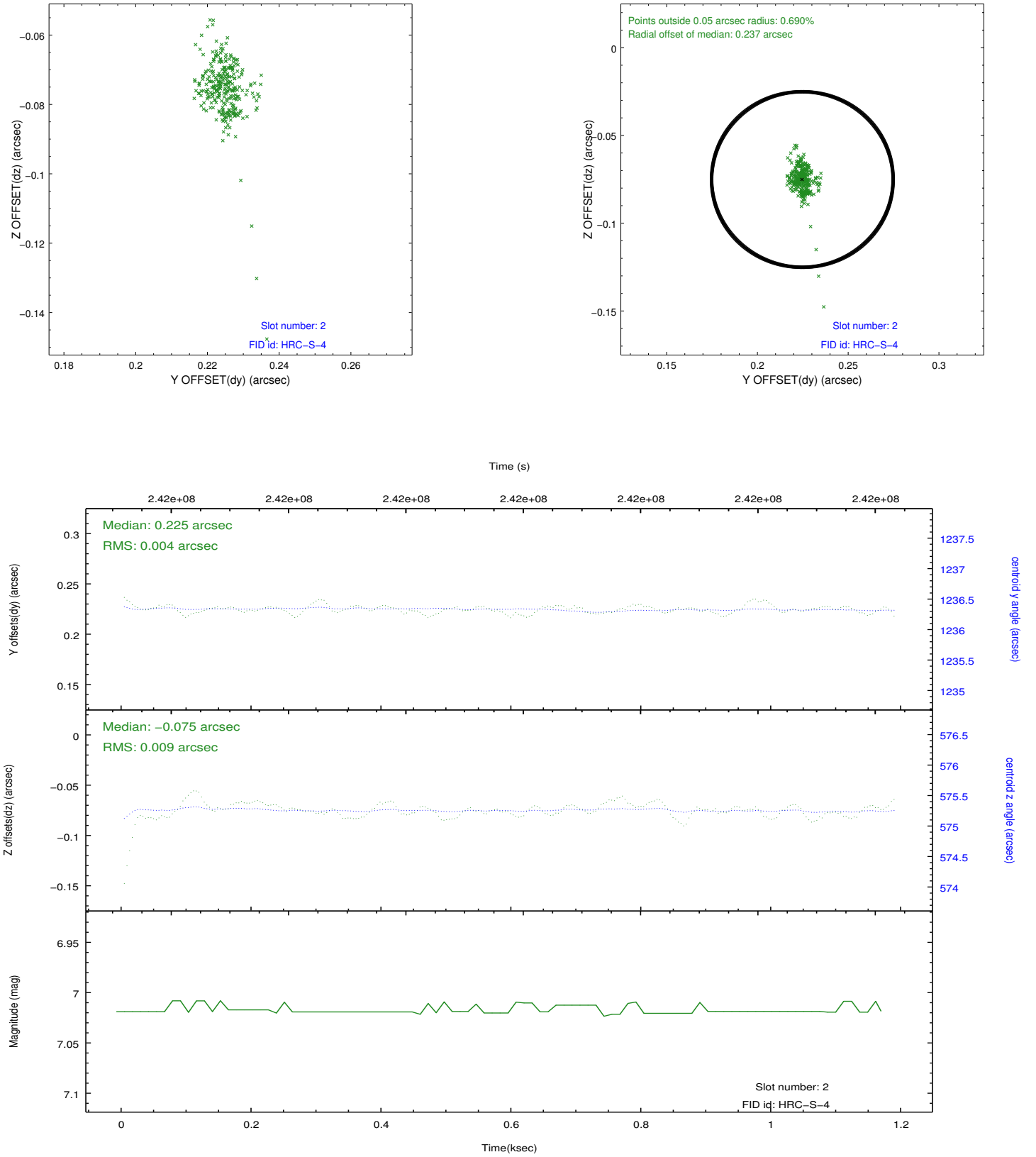
2.5.1 Slot 0



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)	2013.03.19
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.157481

A.2 Comments