

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2661 - L2 Version 3
Chandra X-Ray Center

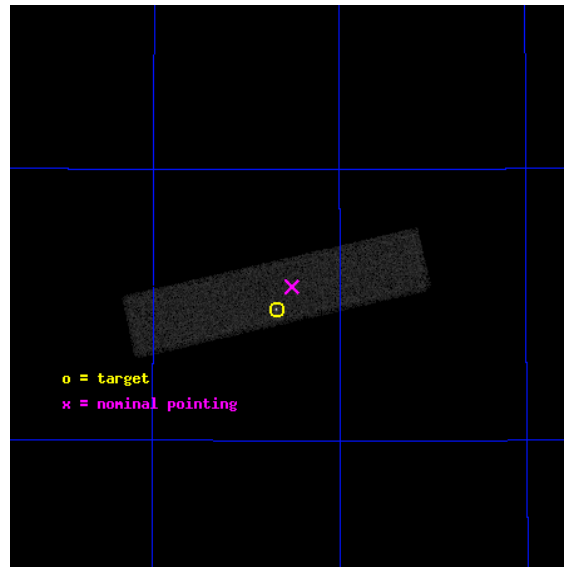
L2 Processing Date : Oct 13 2012

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1 Front

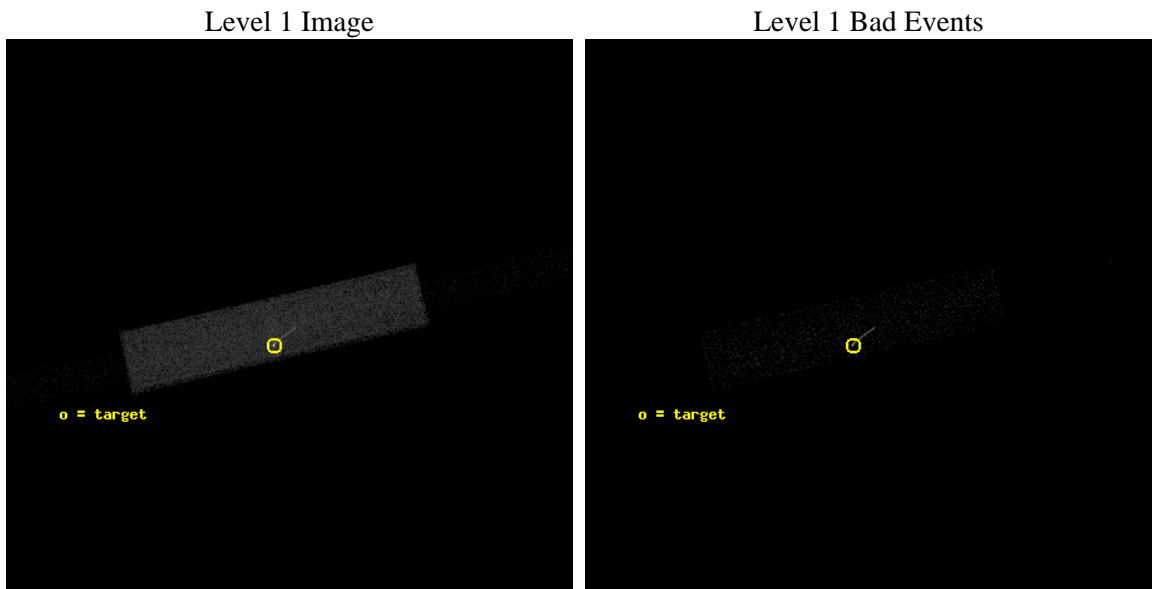
seq_num	290217	Sequence number
obs_id	2661	Observation id
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12831253341	Nominal RA [deg]
dec_nom	45.784207700349	Nominal Dec [deg]
roll_nom	166.96756935956	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1141.0812970102	[s]
livetime	1134.7596046954	Ontime multiplied by DTCOR
l2events	47021	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	1141.0812970102	[s]
caldsver	4.5.2	 	l1events	81366	Number of level 1 events
date	2012-10-14T00:26:12	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

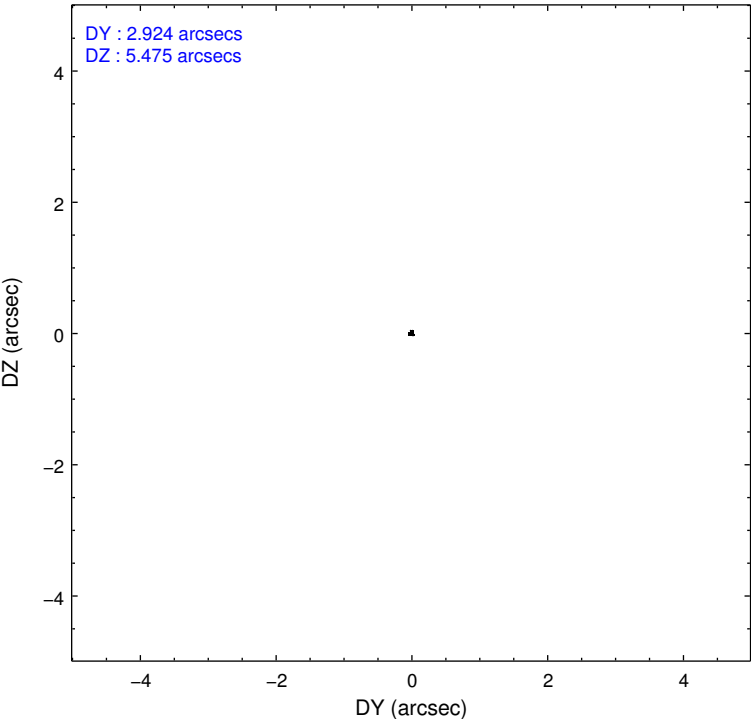
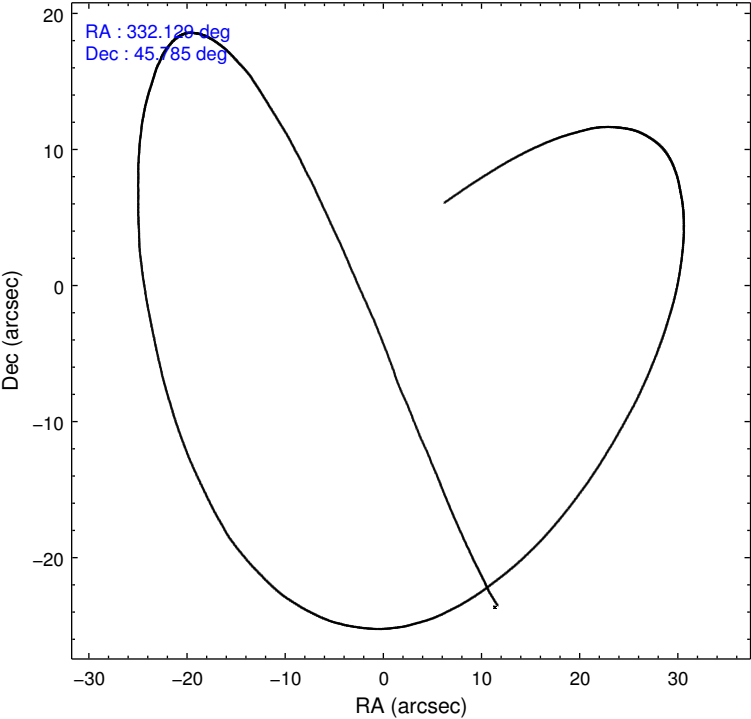
	segment 1	segment 2	segment 3
level 1 events	1036	79325	1005
rejected events	1036	23089	1005
rejected %	100%	29%	100%

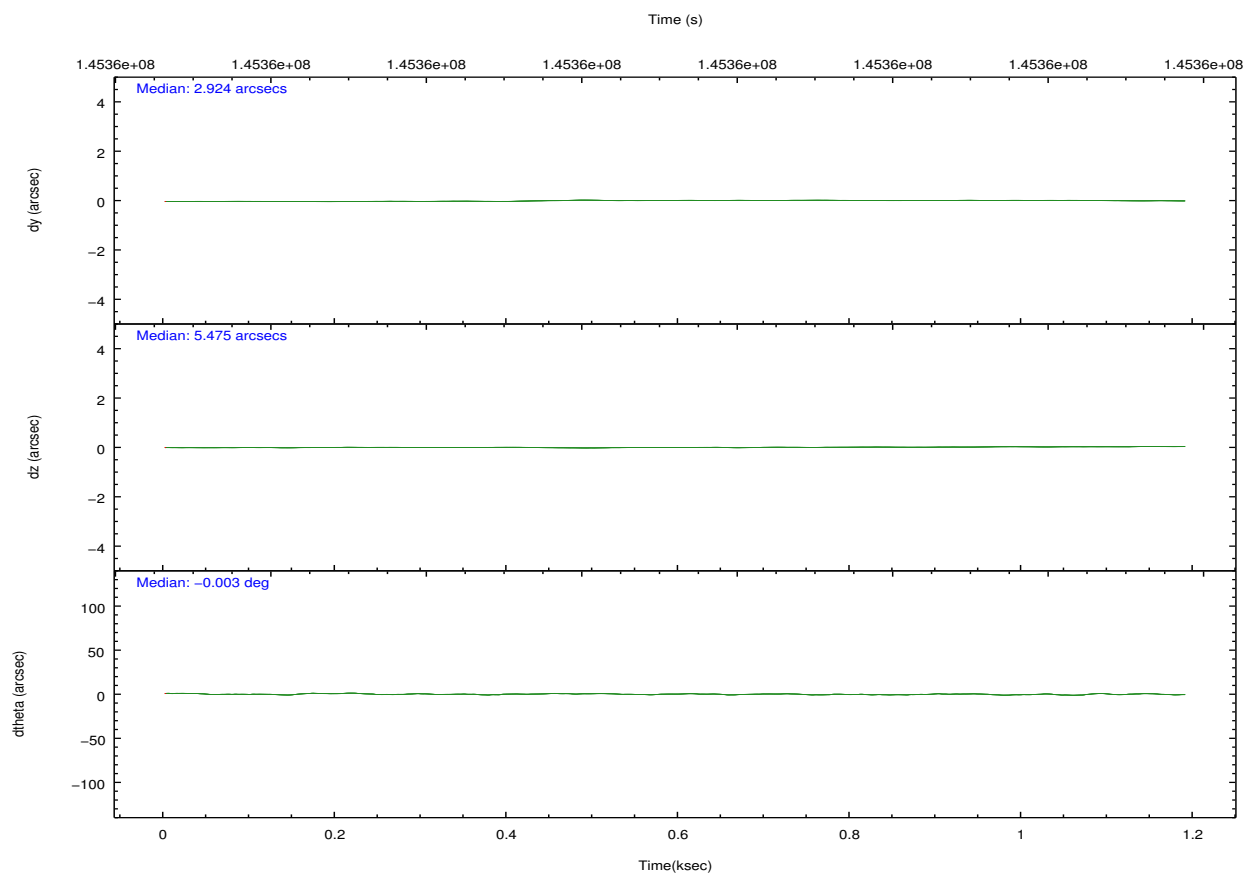
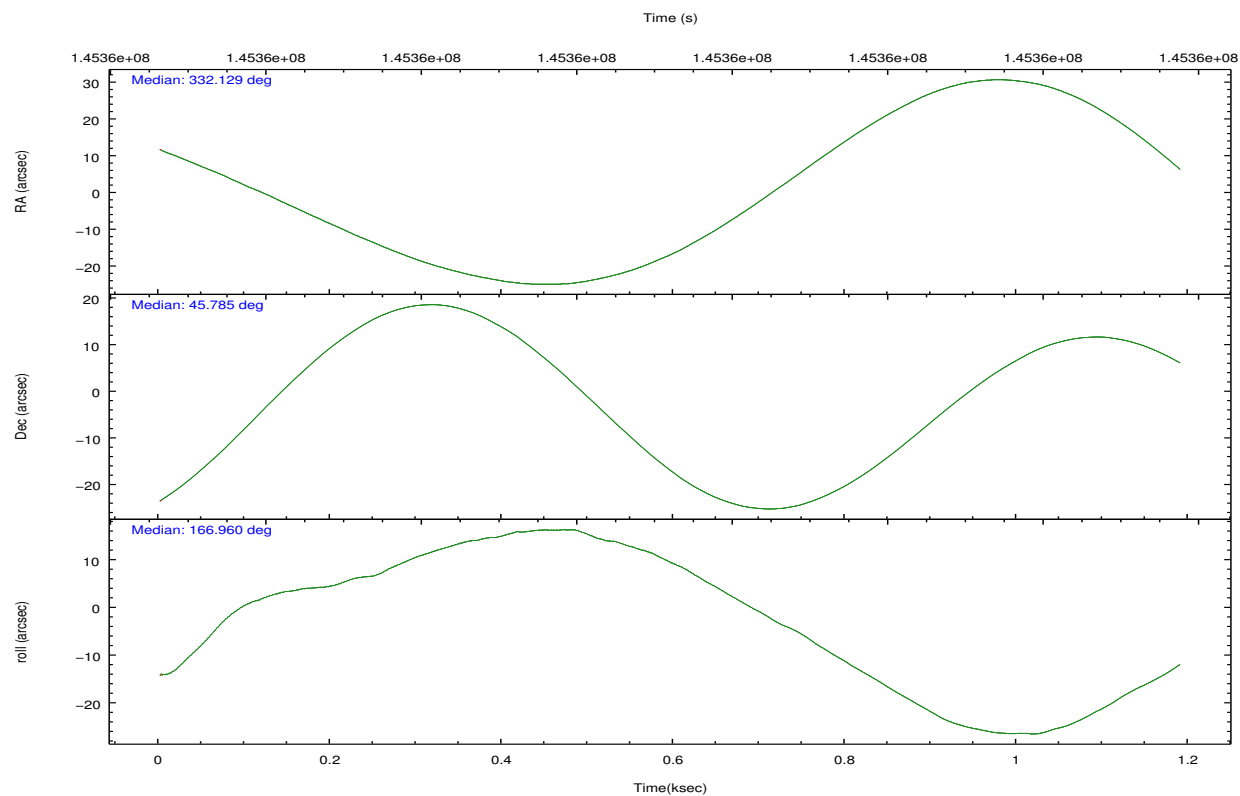
2.2 Compared Parameters

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	332.166415	332.1283125334122
[deg] Pointing Dec	45.793213	45.78420770034921
[deg] Pointing Roll	166.872898	166.9675693595628
[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)	145361920.184000	145361544.69
Observation start date	2002-08-10T10:17:36	2002-08-10T10:12:24
[s] Observation end time (MET)	145362920.184000	145363054.51506
Observation end date	2002-08-10T10:34:16	2002-08-10T10:37:34

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

2.3 Aspect



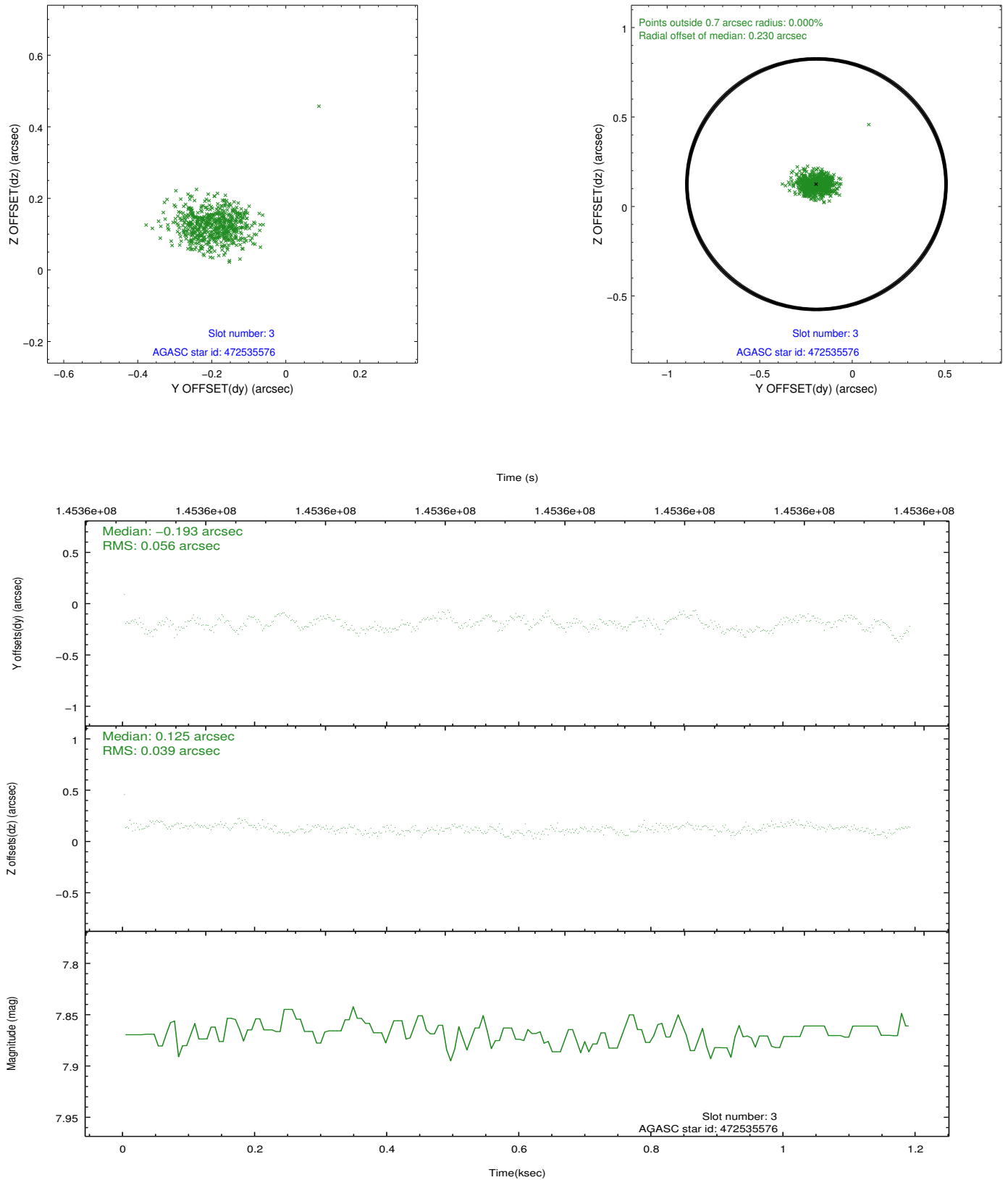


Slot Statistics

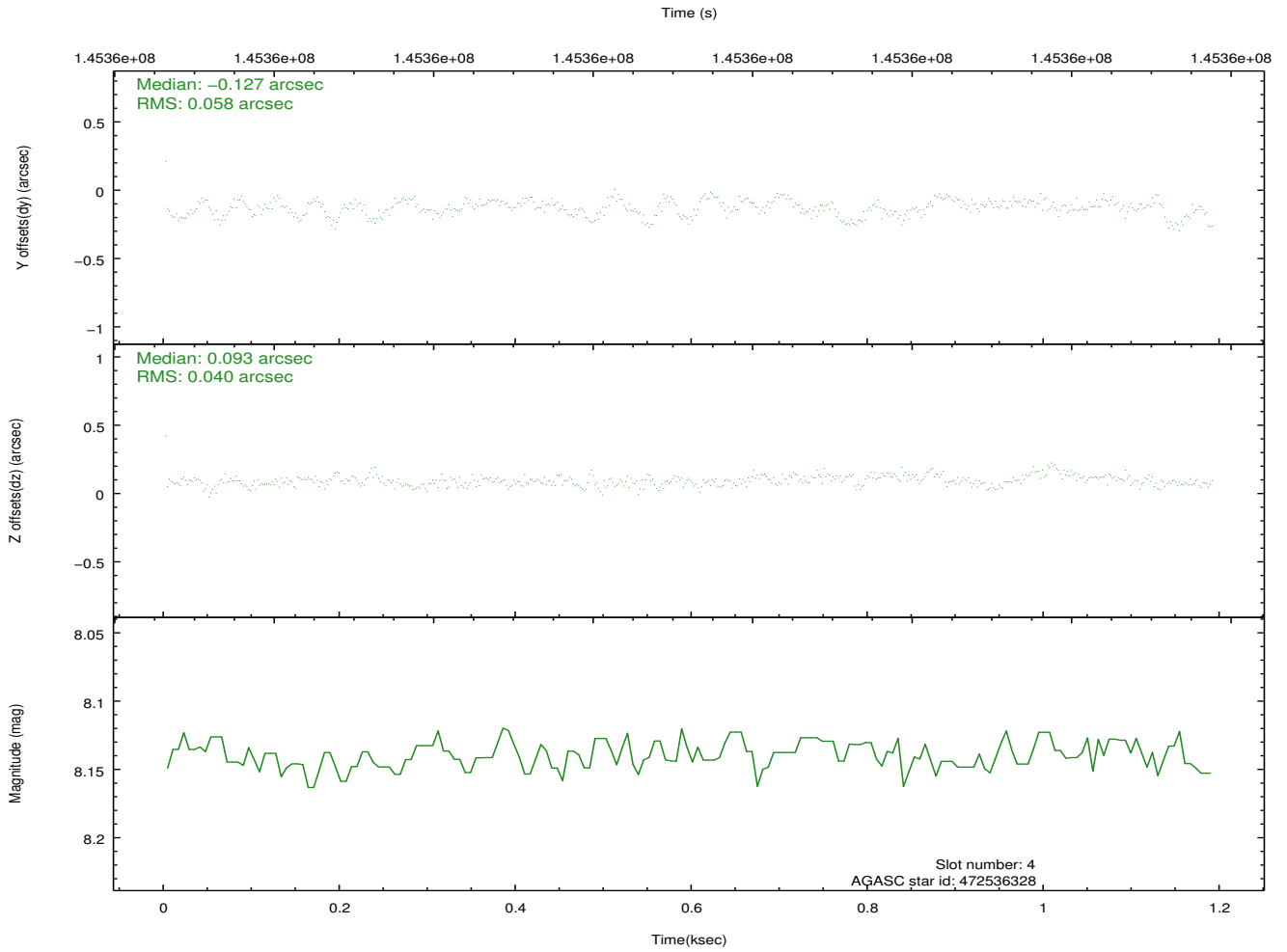
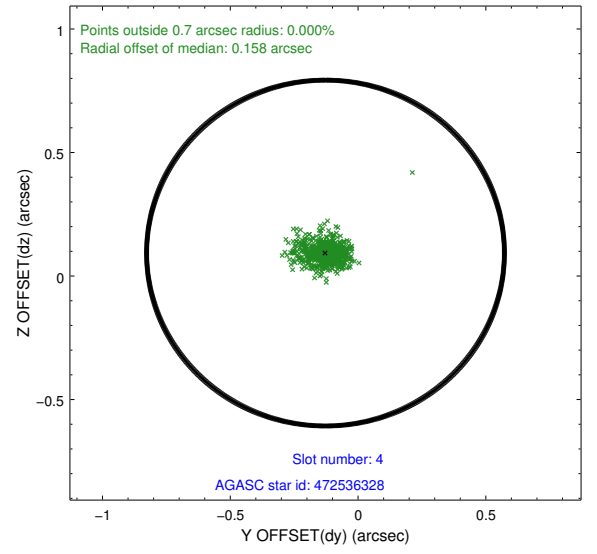
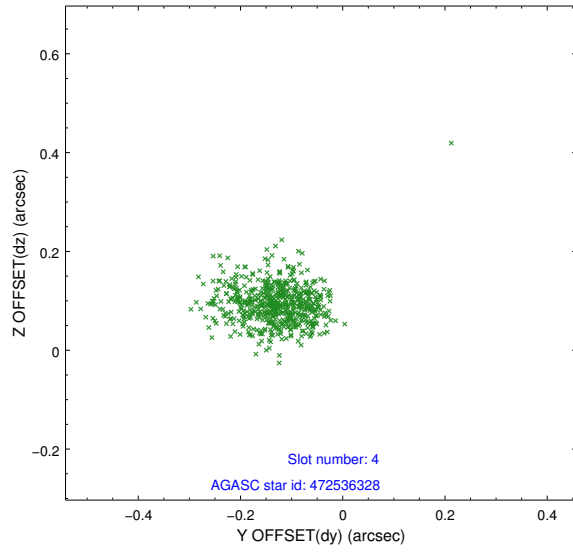
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	290	0.153	-0.163	0.007	0.011	0.000000	0.000000	-1156.94	-454.01
1	FID	HRC-S-2	6.99	291	0.099	-0.097	0.004	0.009	0.000000	0.000000	1238.71	-448.17
2	FID	HRC-S-3	7.01	291	0.138	-0.042	0.006	0.010	0.000000	0.000000	-1155.41	574.10
3	GUIDE	472535576	7.87	581	-0.193	0.125	0.072	0.112	331.438373	46.291802	2175.23	-1341.42
4	GUIDE	472536328	8.14	581	-0.127	0.093	0.074	0.122	331.496671	46.454831	2166.11	-1948.16
5	GUIDE	472523760	8.23	581	-0.062	-0.087	0.067	0.117	331.645363	45.403260	970.20	1661.78
6	GUIDE	472665256	9.01	580	0.209	0.080	0.088	0.132	332.808125	46.195041	-1223.28	-1772.51
7	GUIDE	472655704	9.48	580	0.178	-0.201	0.107	0.207	332.167195	45.285228	-417.47	1780.16

2.4 Star Slots

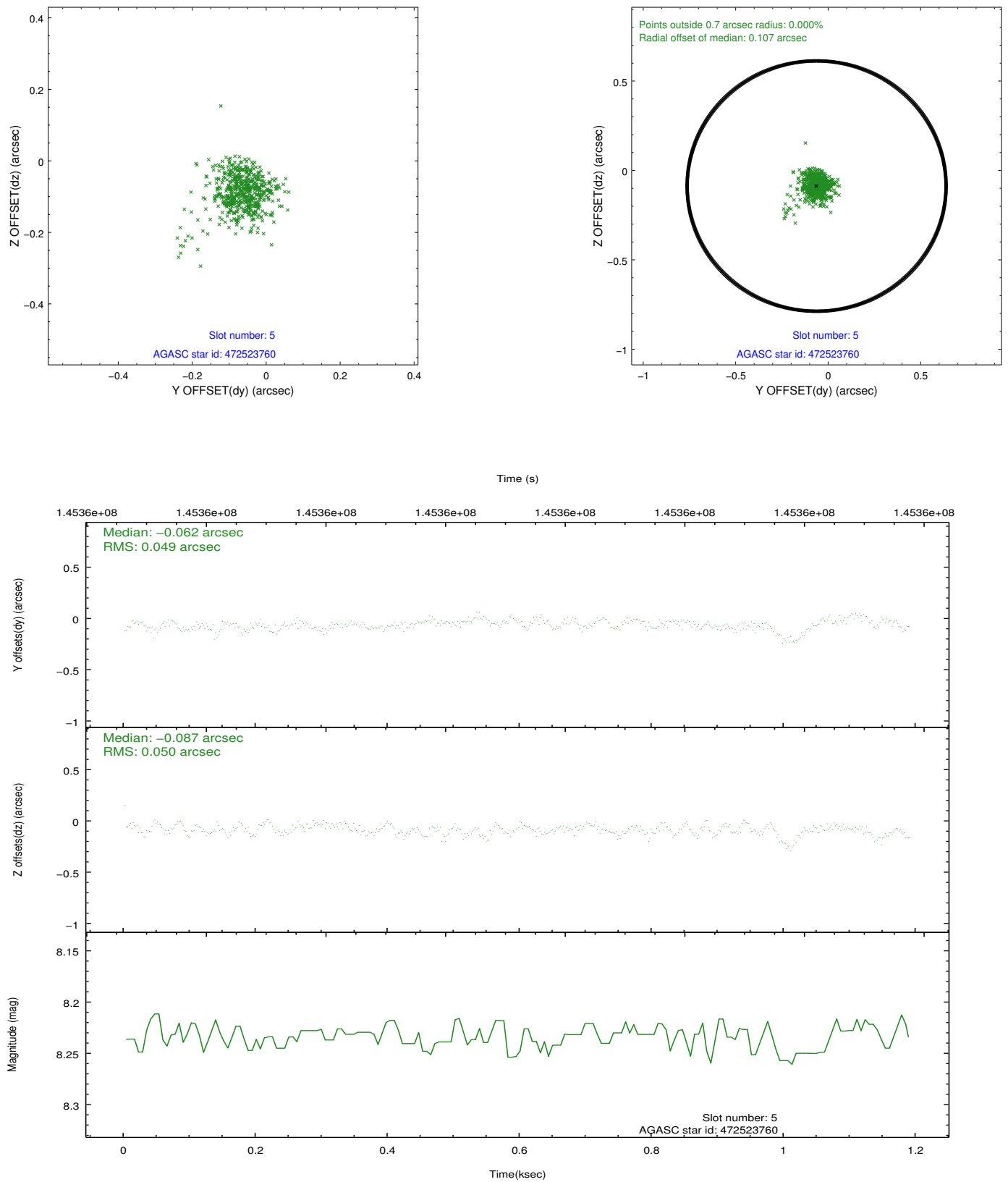
2.4.1 Slot 3



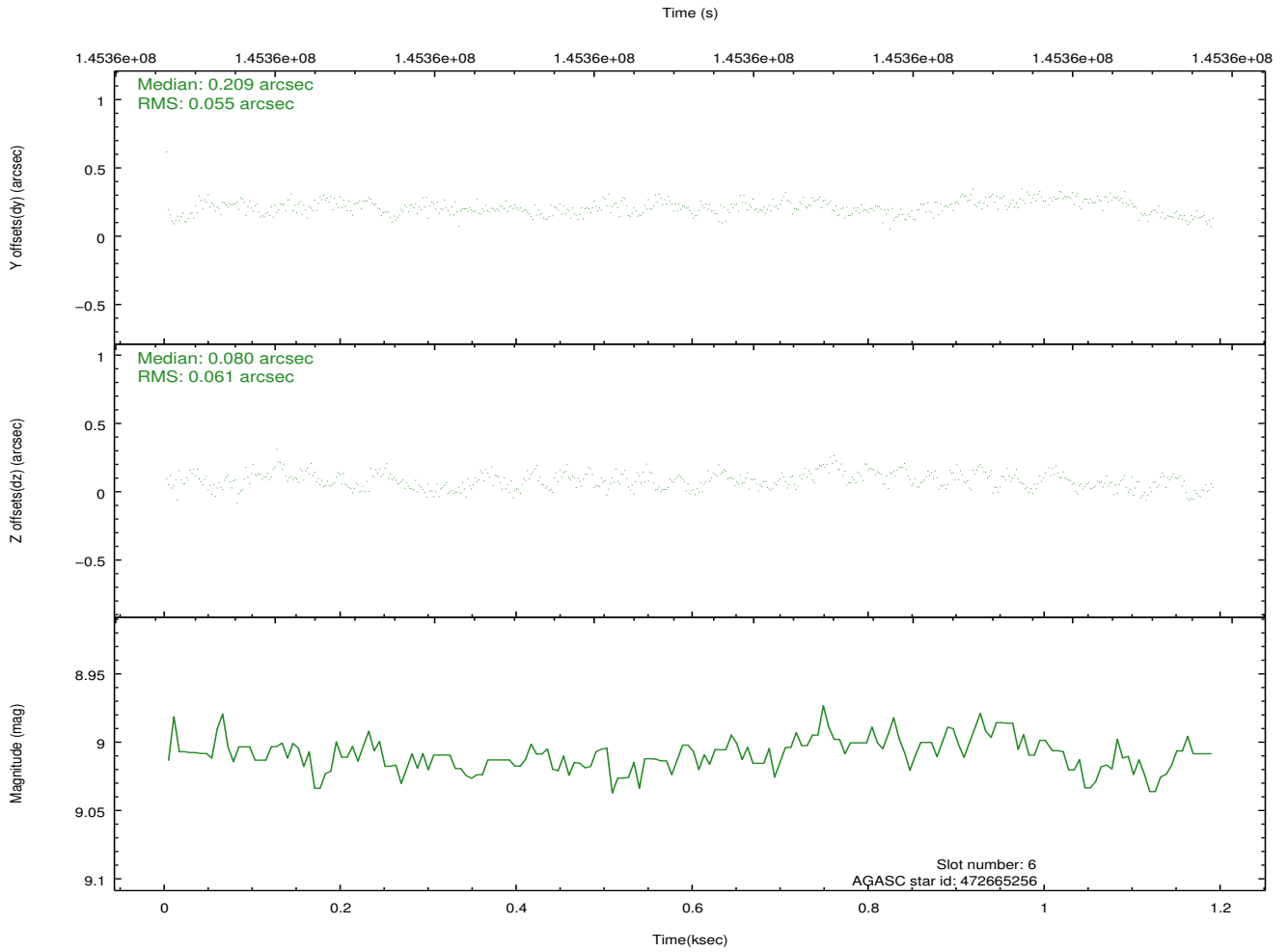
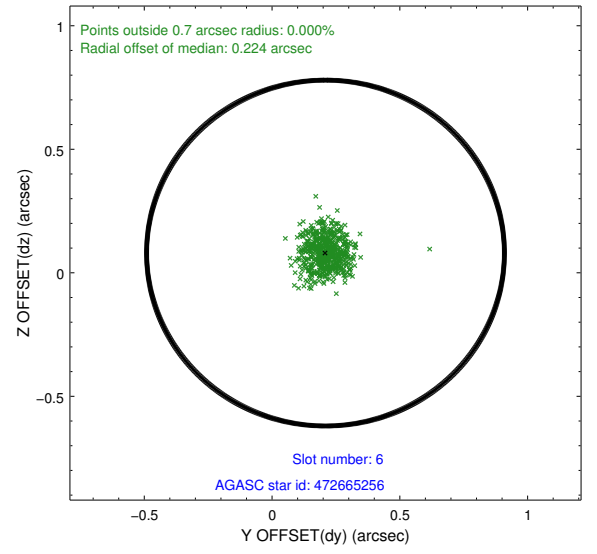
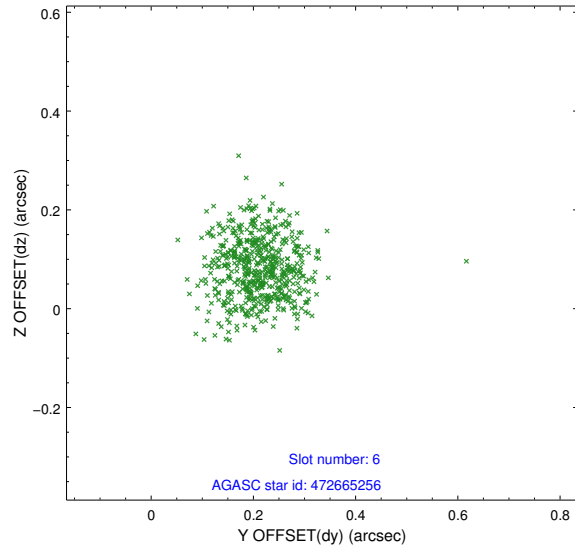
2.4.2 Slot 4



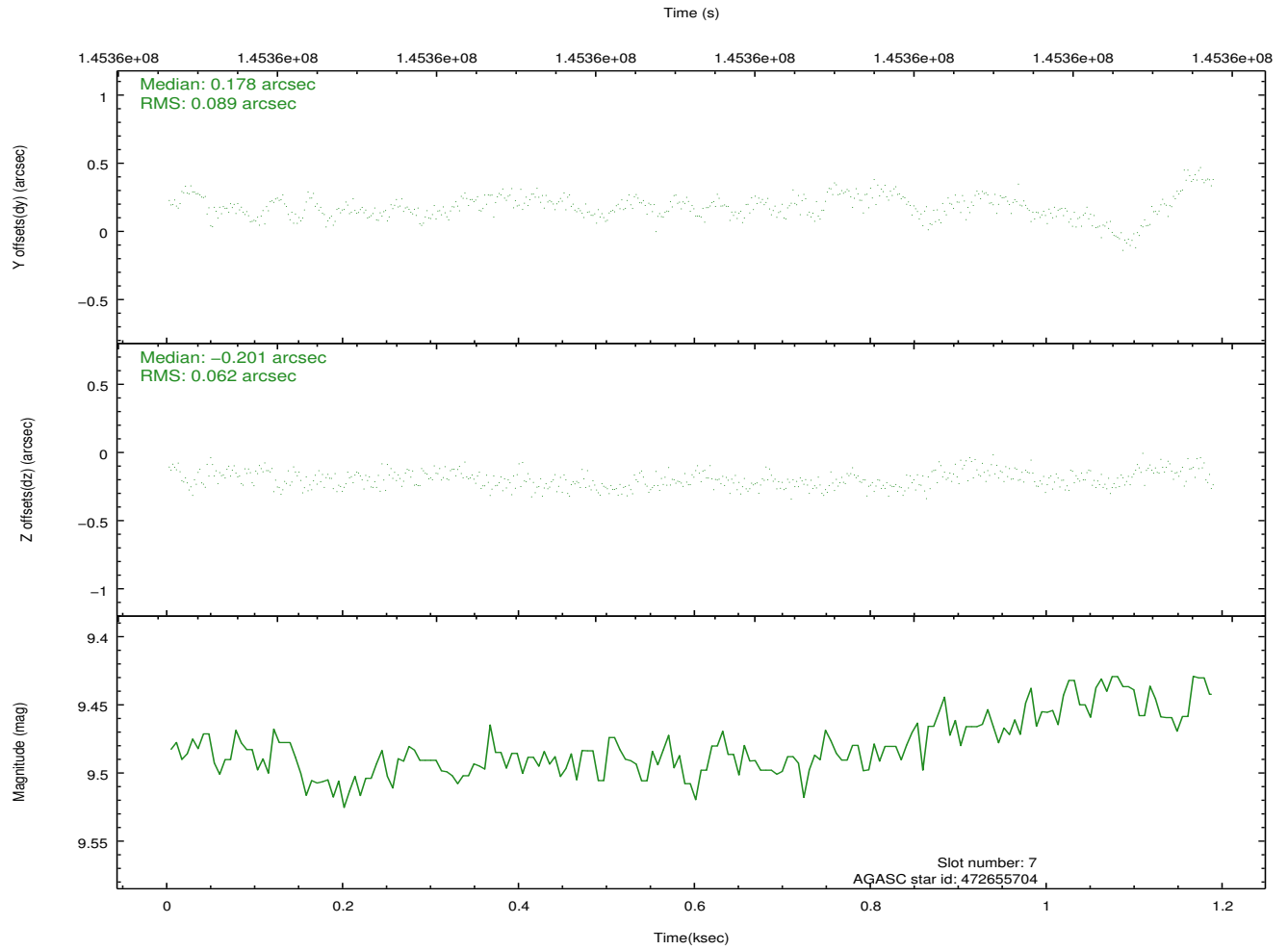
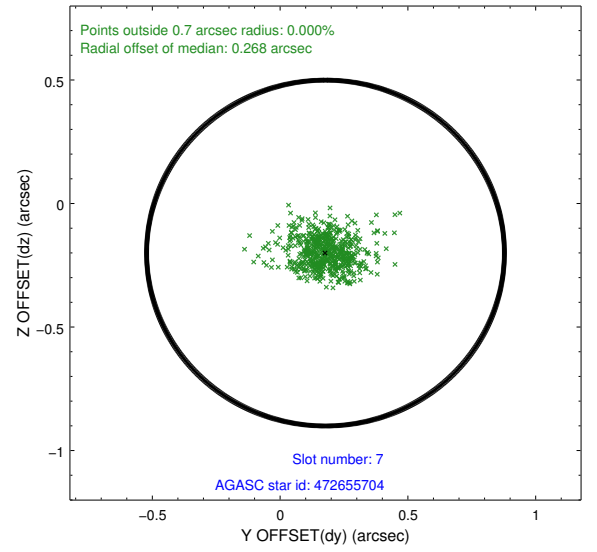
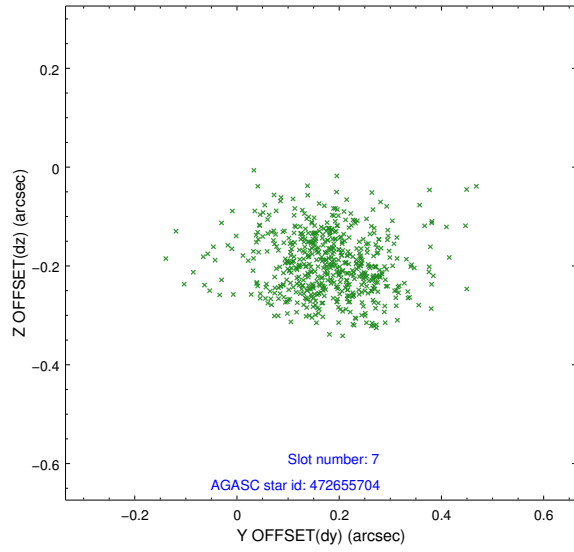
2.4.3 Slot 5



2.4.4 Slot 6

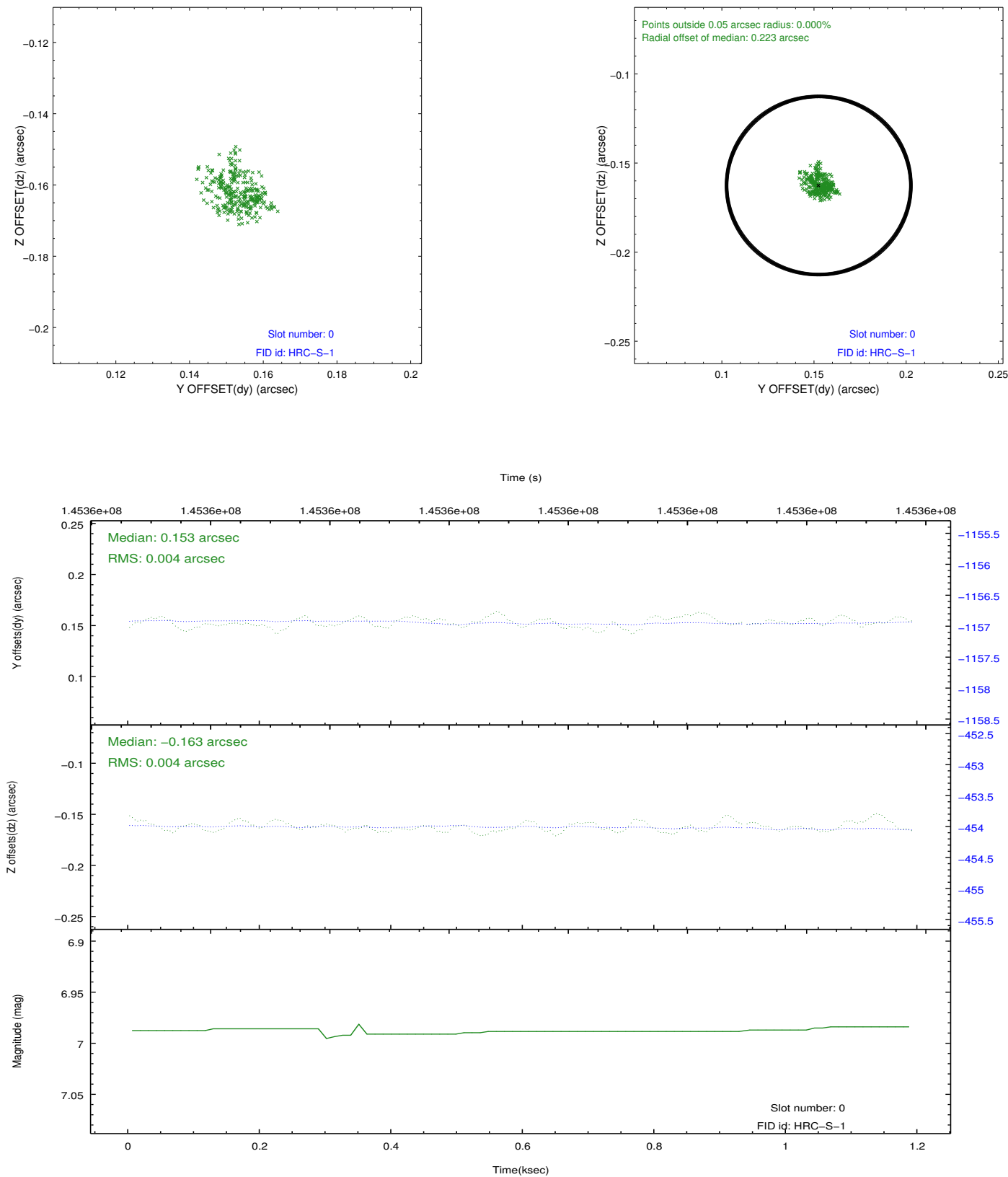


2.4.5 Slot 7

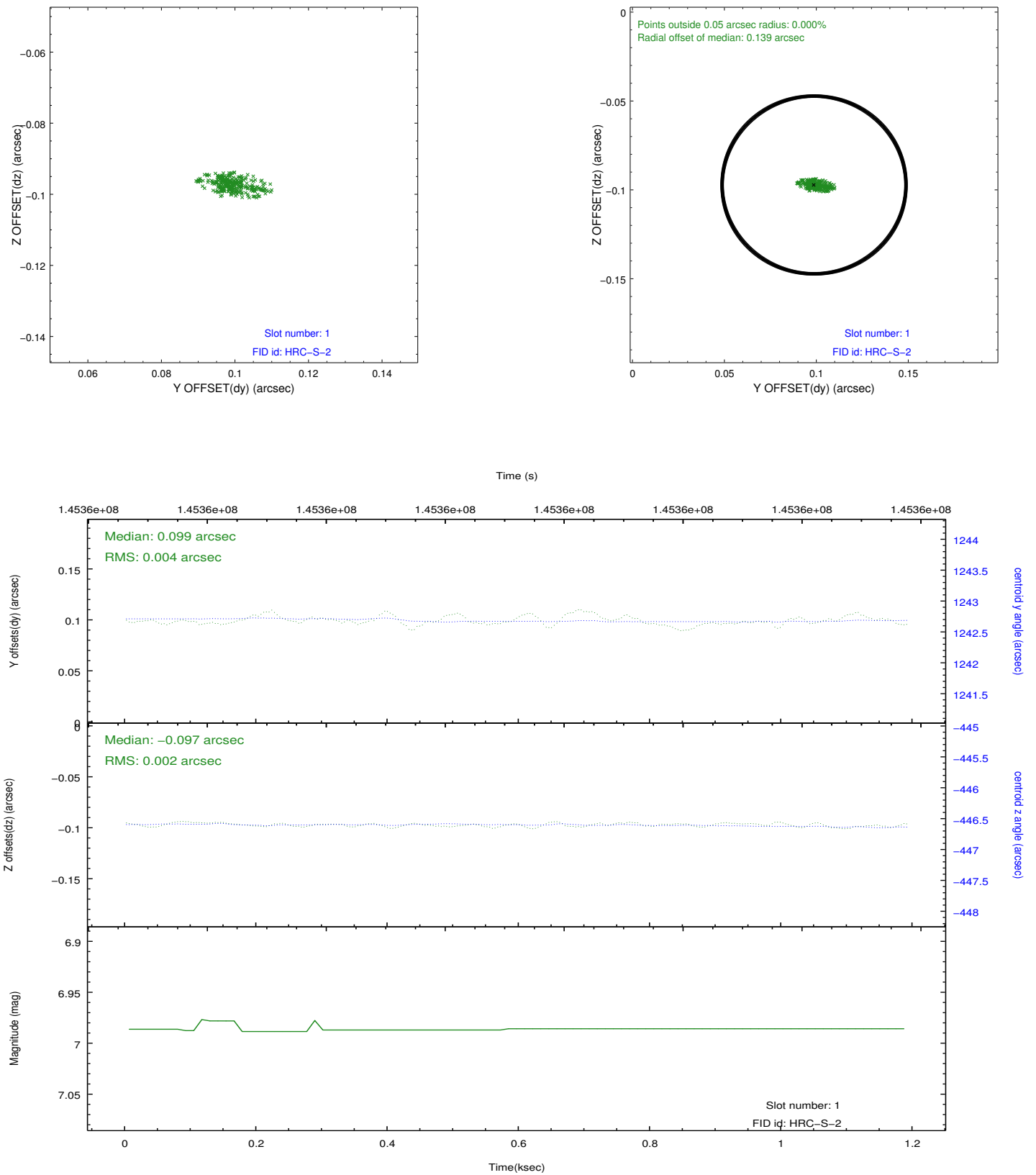


2.5 FID Slots

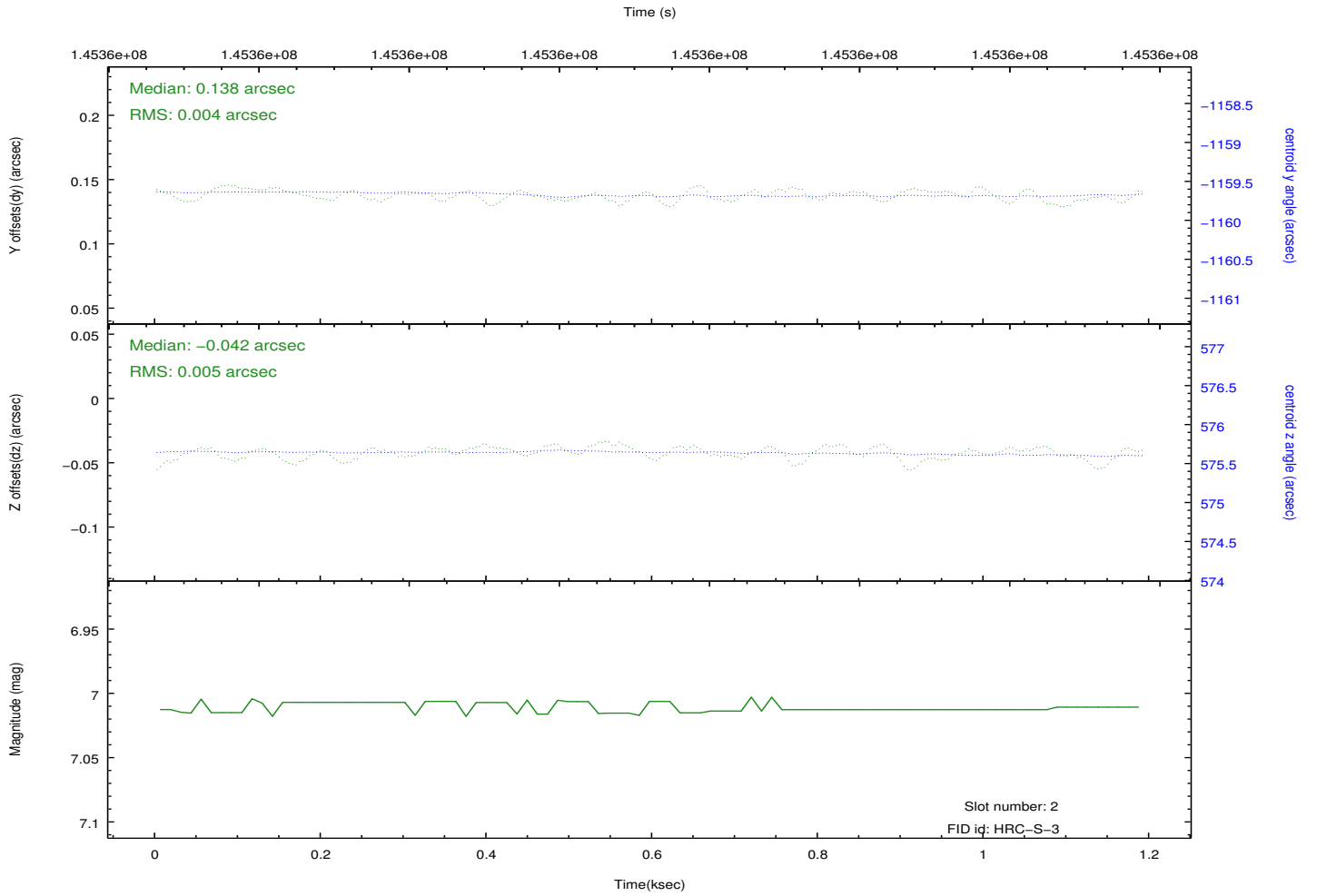
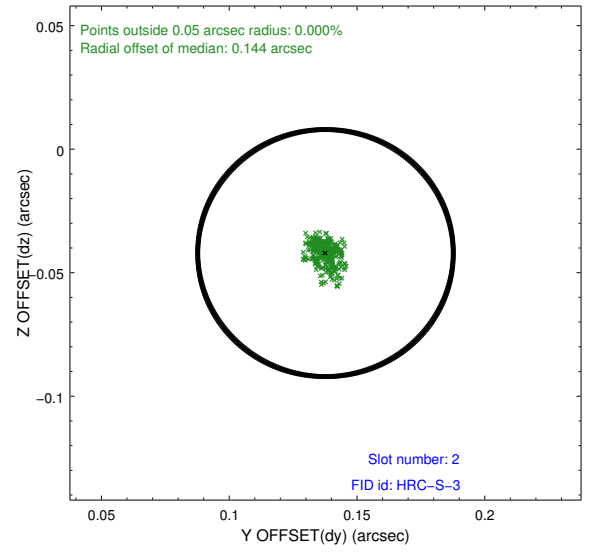
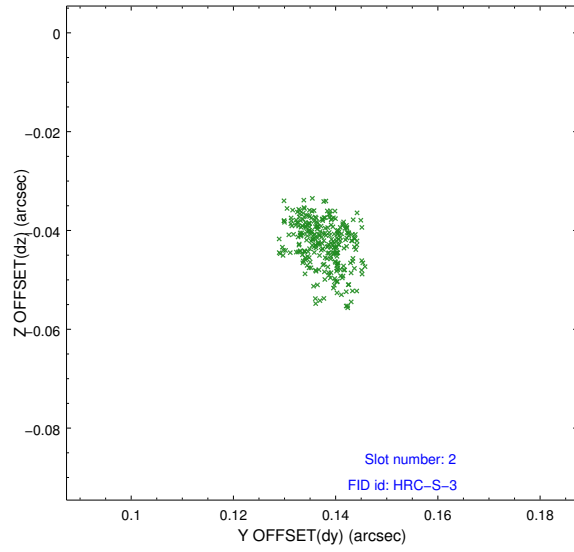
2.5.1 Slot 0



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)	2012.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.188

A.2 Comments

Charge time for this ObsId remains at previous value of 1.188 ks although with the current processing it would have been 1.14 ksec. Monitor constraint met.