

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2650 - L2 Version 3
Chandra X-Ray Center

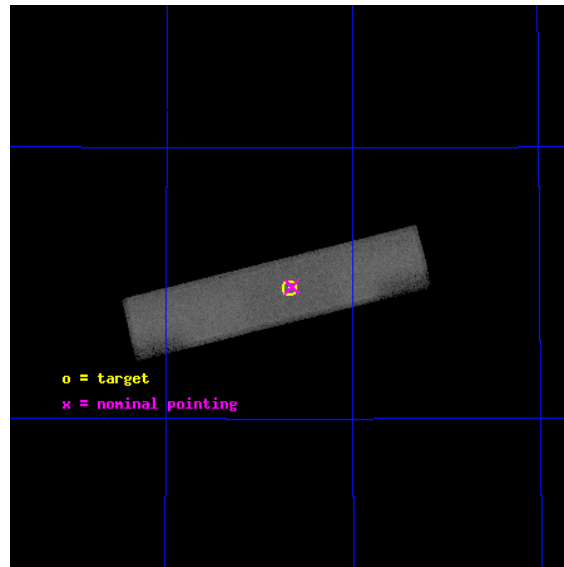
L2 Processing Date : Oct 11 2012

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1 Front

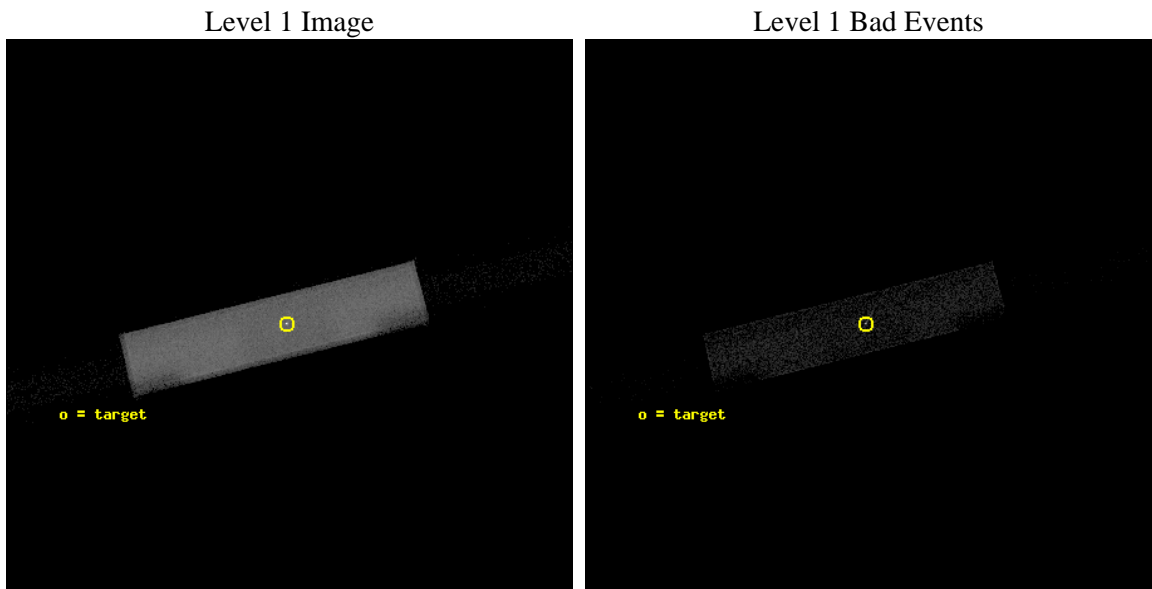
seq_num	290206	Sequence number
obs_id	2650	Observation id
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16317200113	Nominal RA [deg]
dec_nom	45.744209348724	Nominal Dec [deg]
roll_nom	165.98256481752	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1142.1062970459	[s]
livetime	875.18519893271	Ontime multiplied by DTCOR
l2events	166938	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	1142.1062970459	[s]
caldsver	4.5.2	 	l1events	213771	Number of level 1 events
date	2012-10-11T21:48:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

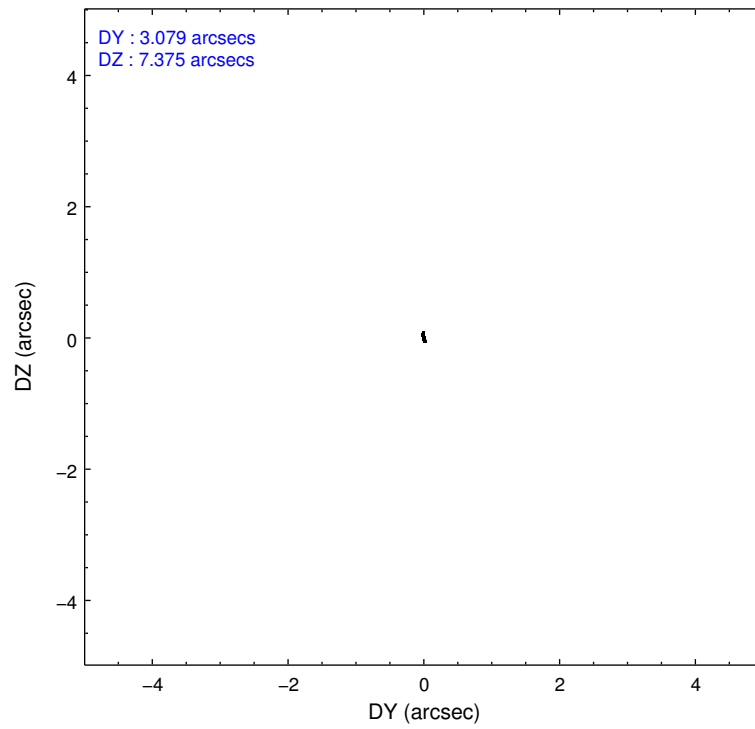
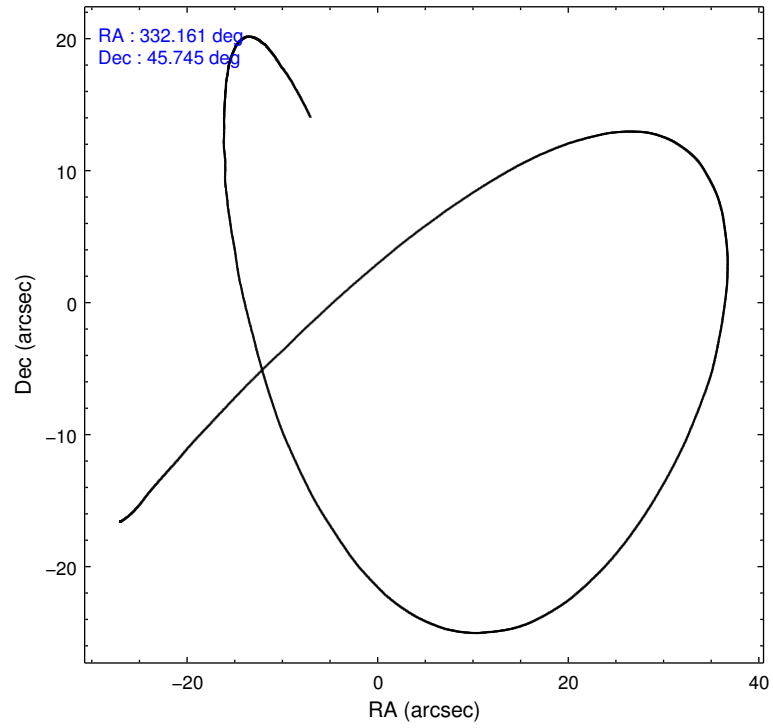
	segment 1	segment 2	segment 3
level 1 events	1241	211372	1158
rejected events	1241	33883	1158
rejected %	100%	16%	100%

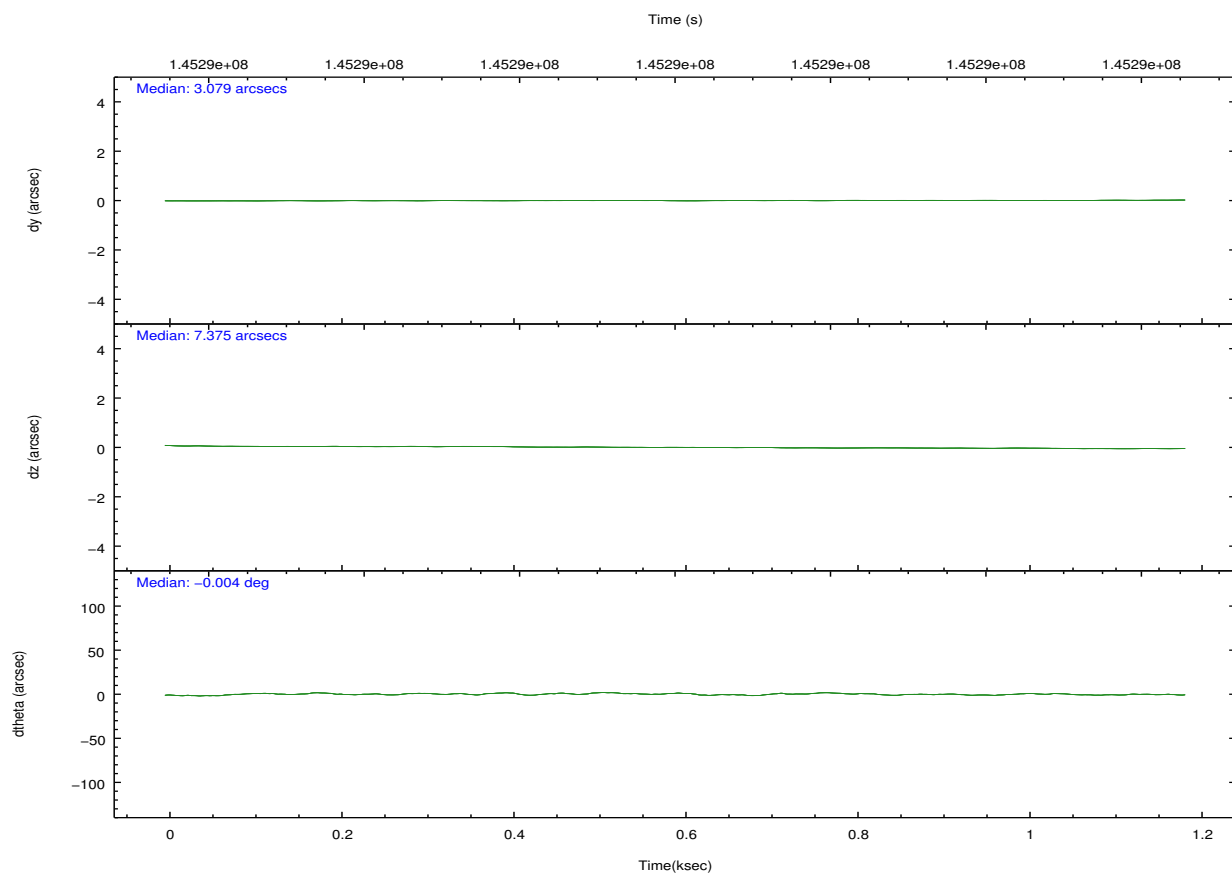
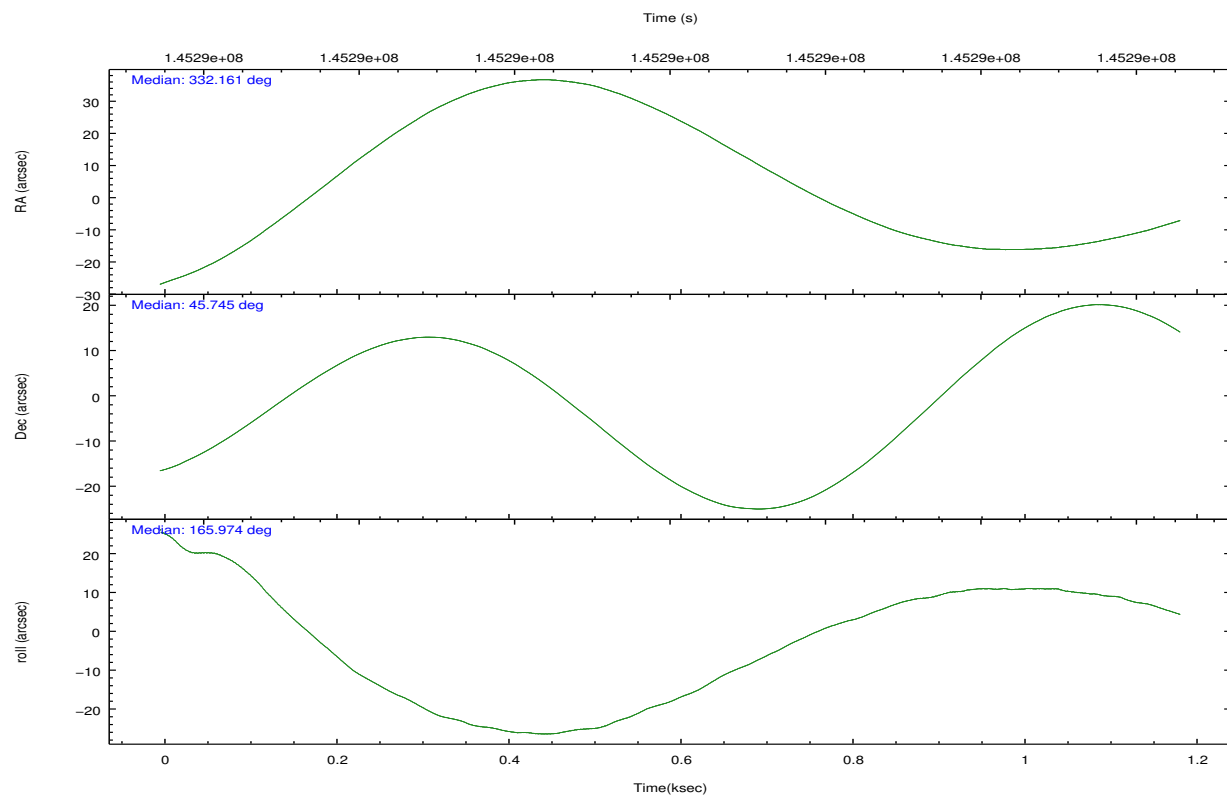
2.2 Compared Parameters

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	332.202335	332.1631720011347
[deg] Pointing Dec	45.752792	45.74420934872381
[deg] Pointing Roll	165.887145	165.9825648175167
[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)	145286788.184000	145286412.1869
Observation start date	2002-08-09T13:25:24	2002-08-09T13:20:12
[s] Observation end time (MET)	145287788.184000	145287922.01197
Observation end date	2002-08-09T13:42:04	2002-08-09T13:45:22

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

2.3 Aspect



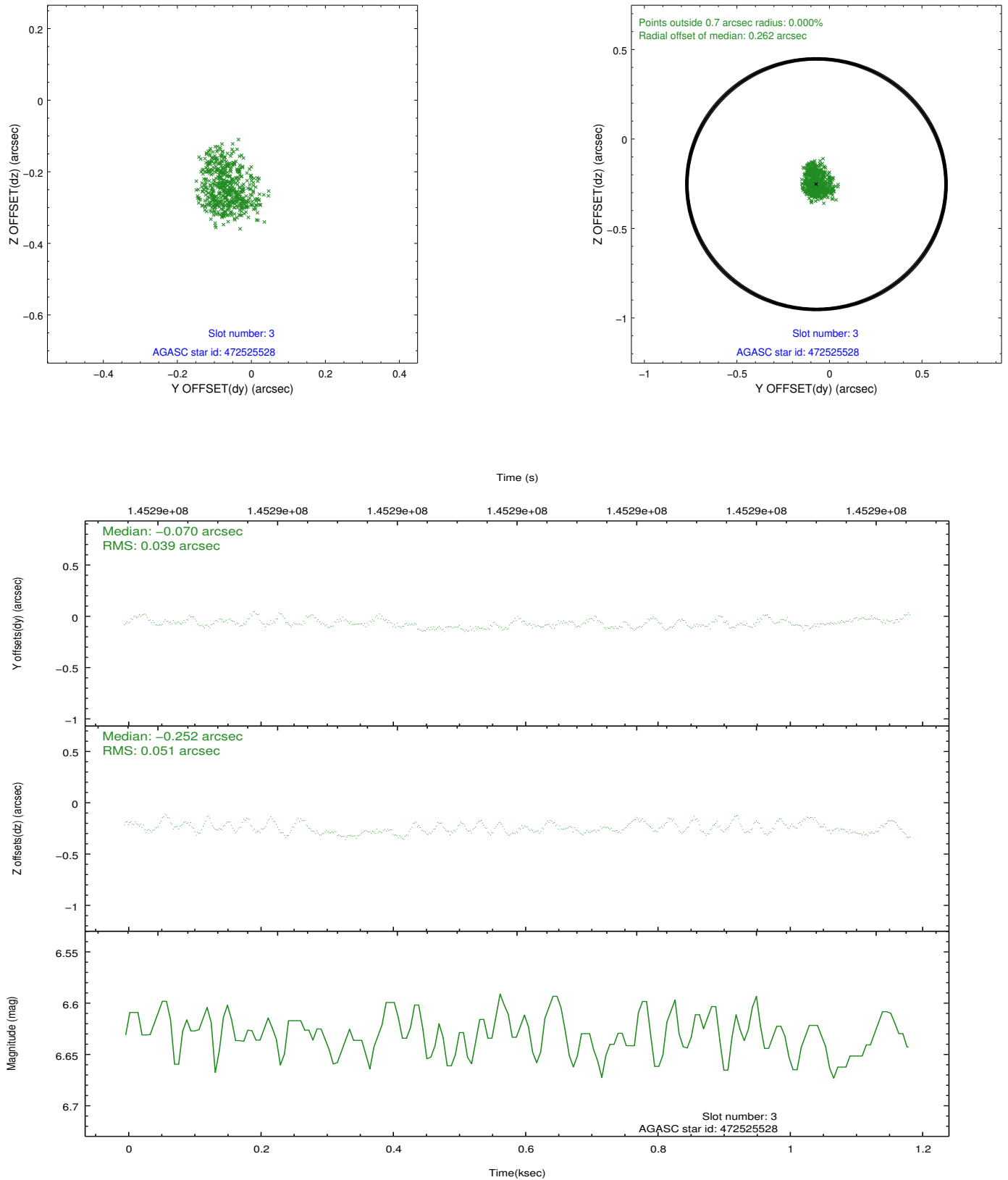


Slot Statistics

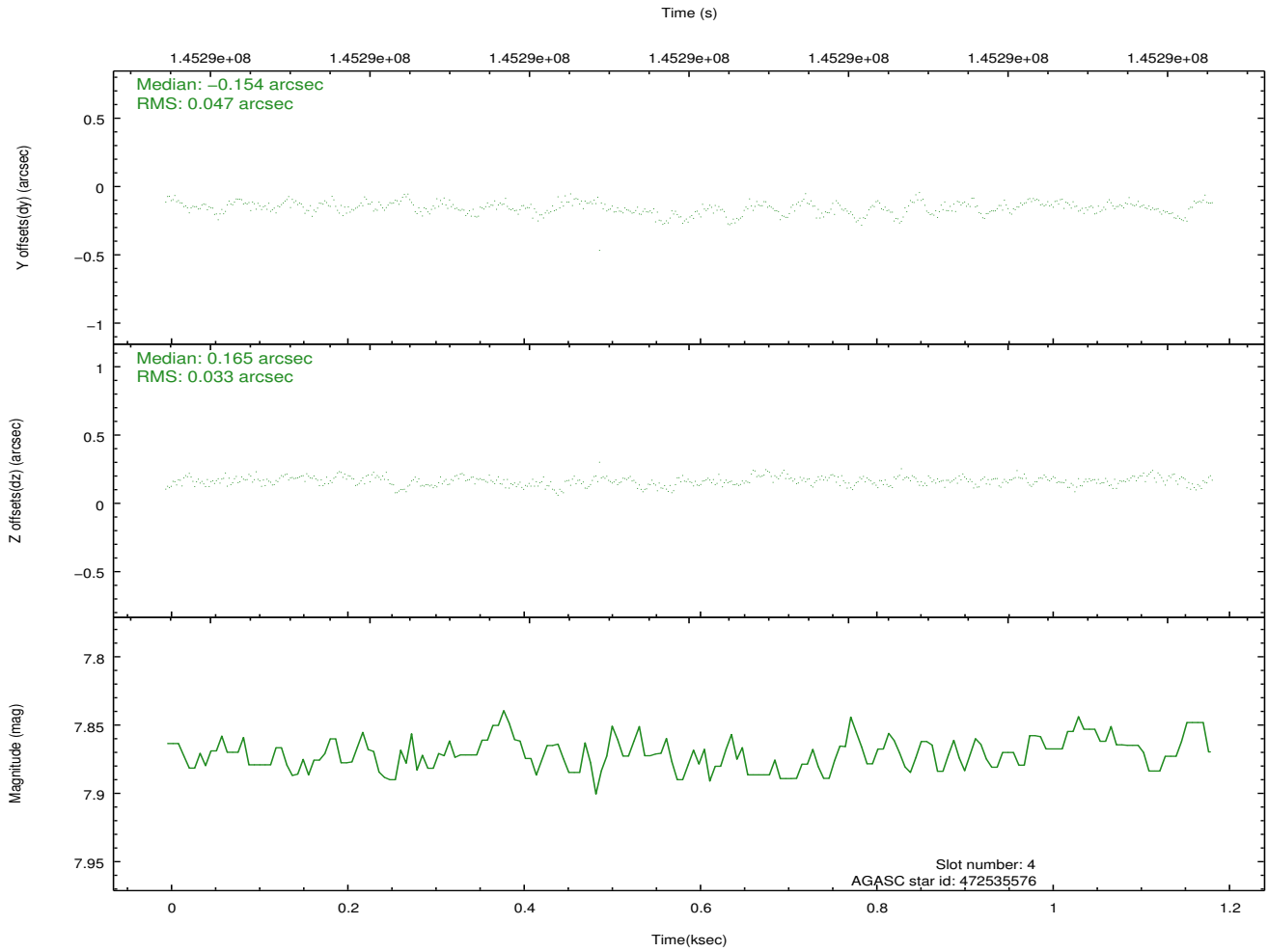
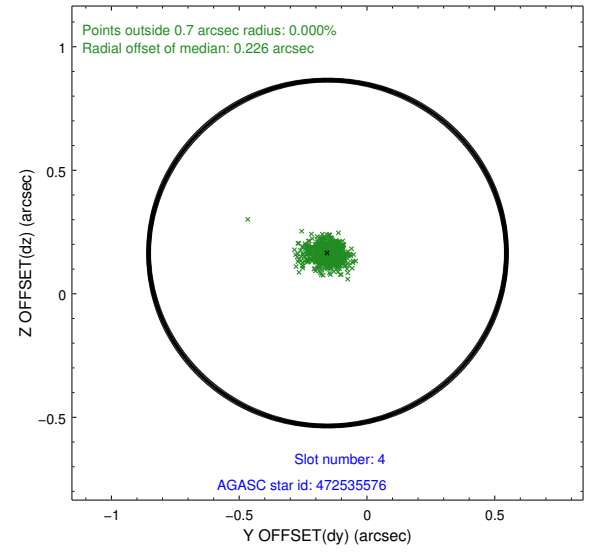
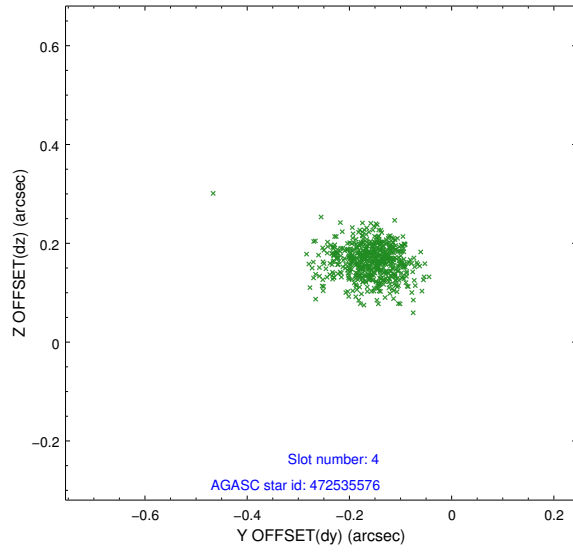
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	290	0.152	-0.113	0.004	0.010	0.000000	0.000000	-1157.09	-455.95
1	FID	HRC-S-2	7.01	290	0.091	-0.121	0.009	0.014	0.000000	0.000000	1238.54	-450.12
2	FID	HRC-S-4	6.96	290	0.160	-0.070	0.008	0.013	0.000000	0.000000	1245.43	574.68
3	GUIDE	472525528	6.63	580	-0.070	-0.252	0.070	0.108	331.551102	45.248694	1157.21	2157.94
4	GUIDE	472535576	7.87	580	-0.154	0.165	0.059	0.100	331.438373	46.291802	2318.21	-1421.08
5	GUIDE	472536328	8.15	580	-0.092	0.110	0.073	0.129	331.496671	46.454831	2317.49	-2031.84
6	GUIDE	472665256	9.01	580	0.187	0.215	0.076	0.132	332.808125	46.195041	-1072.25	-1919.13
7	GUIDE	472654568	9.46	579	0.133	-0.234	0.113	0.179	332.194449	45.063576	-589.96	2409.55

2.4 Star Slots

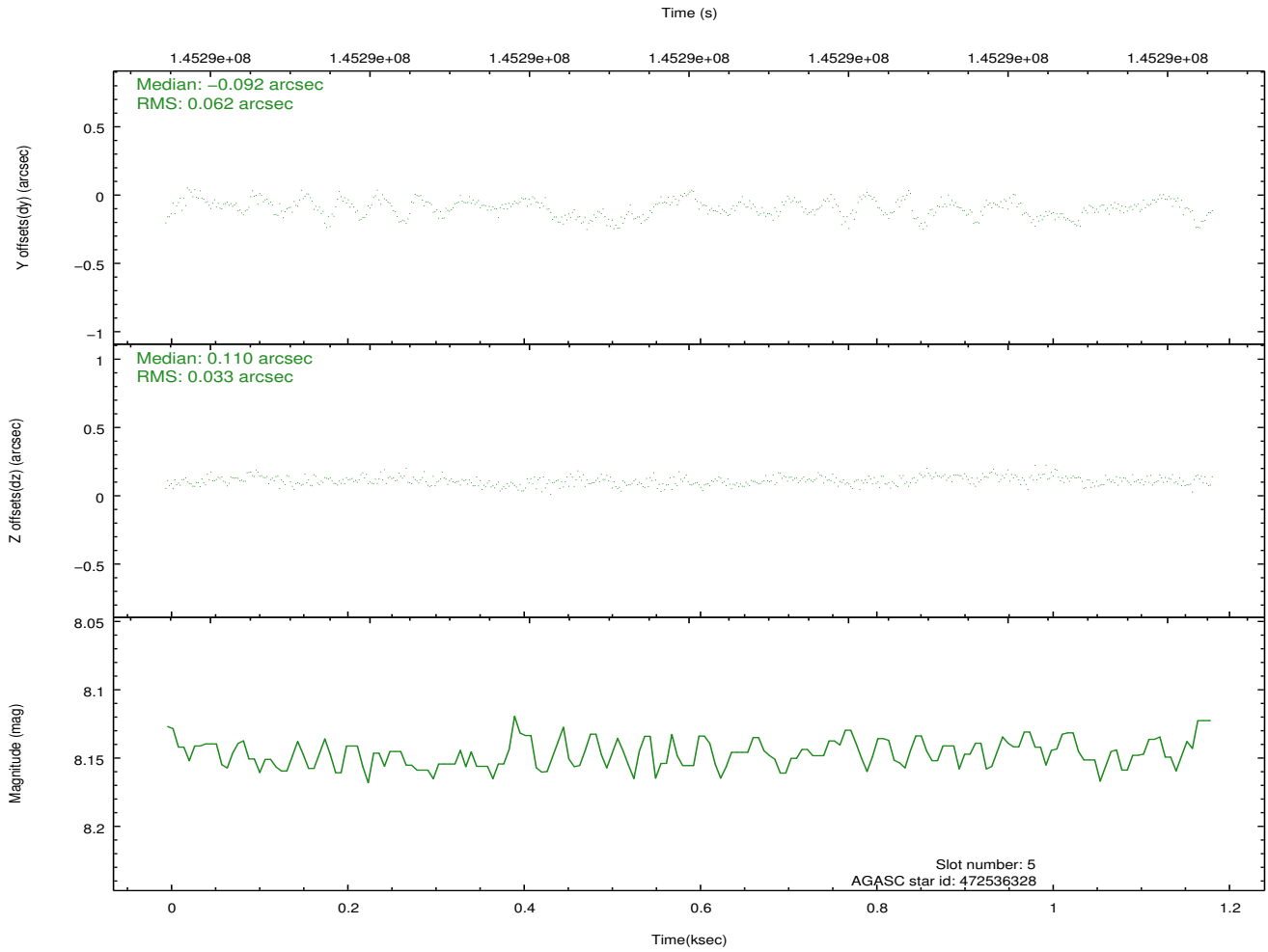
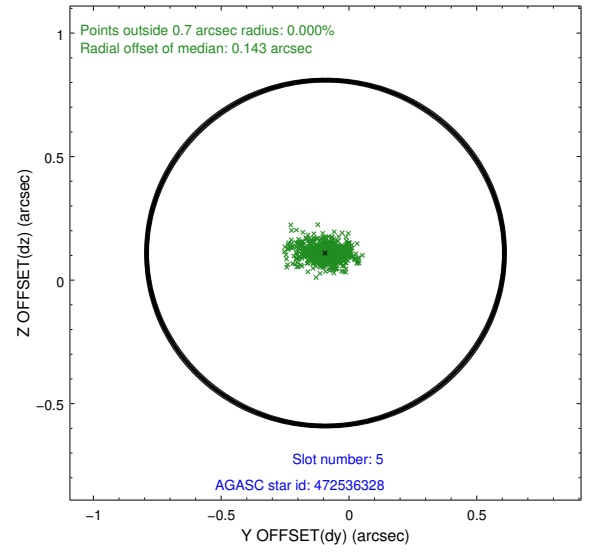
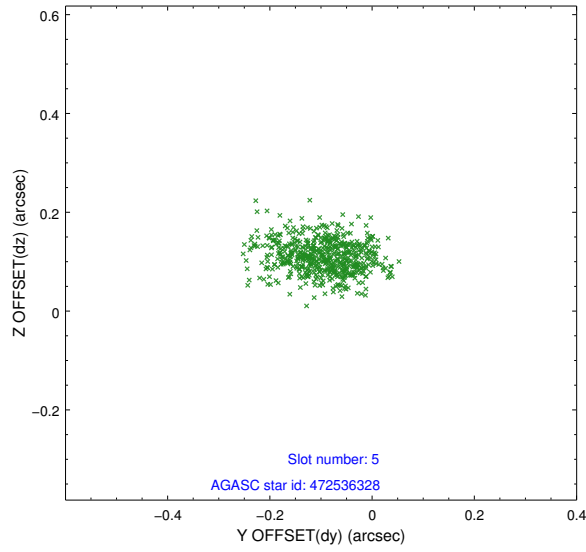
2.4.1 Slot 3



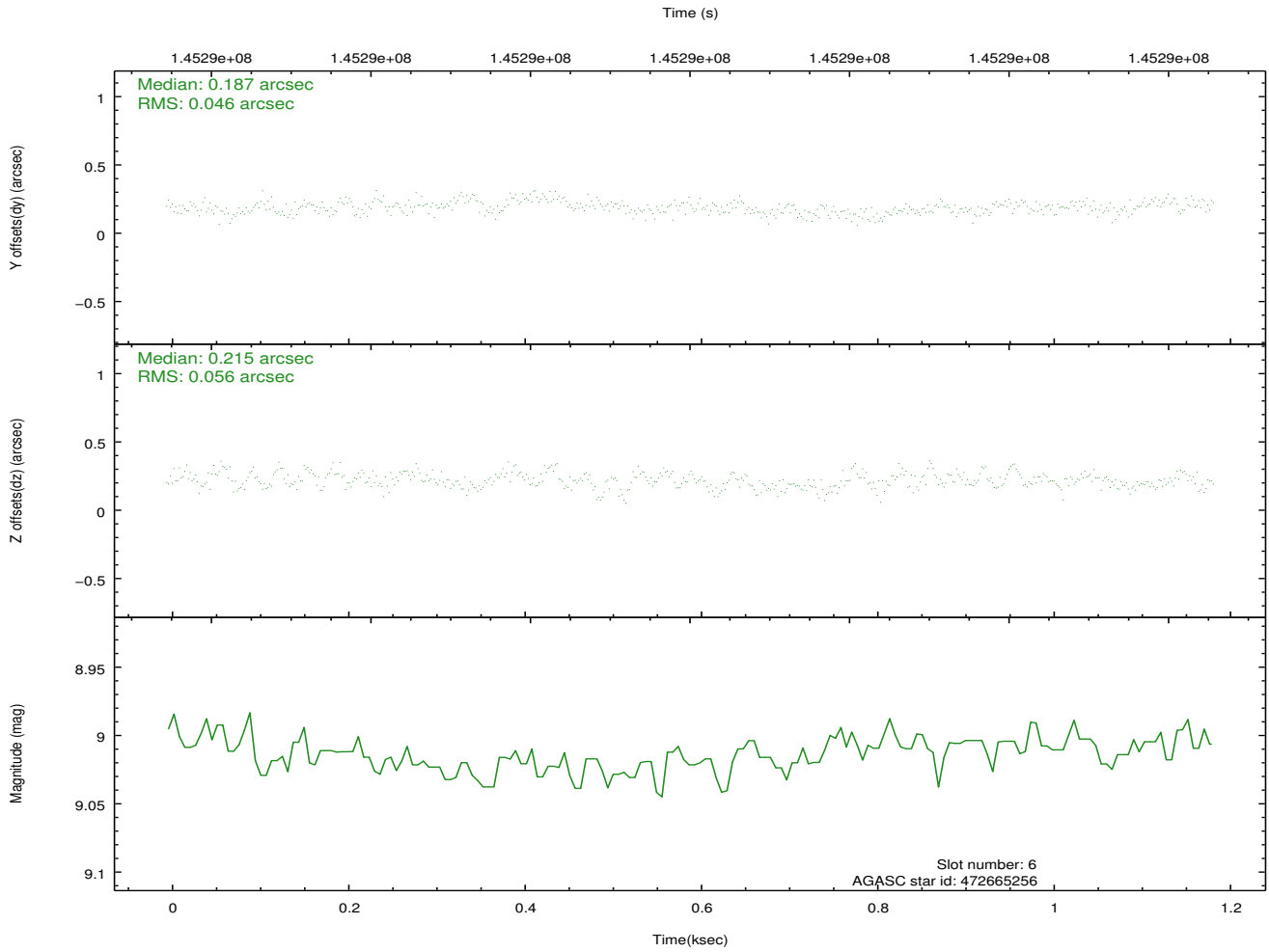
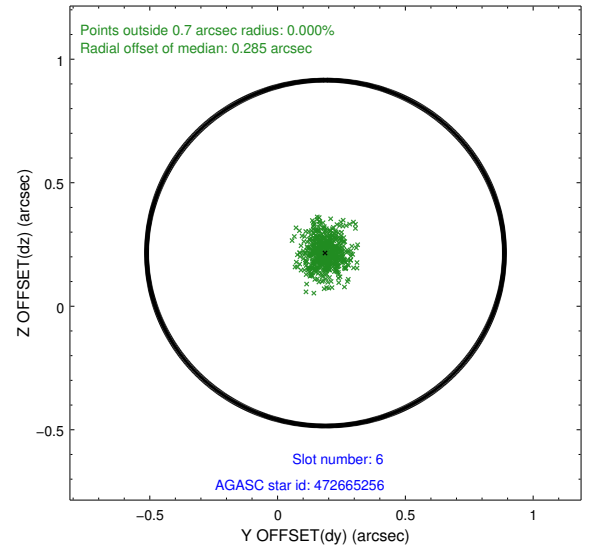
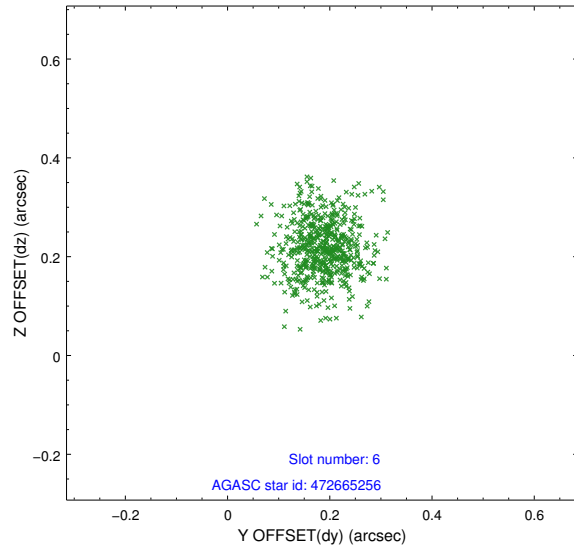
2.4.2 Slot 4



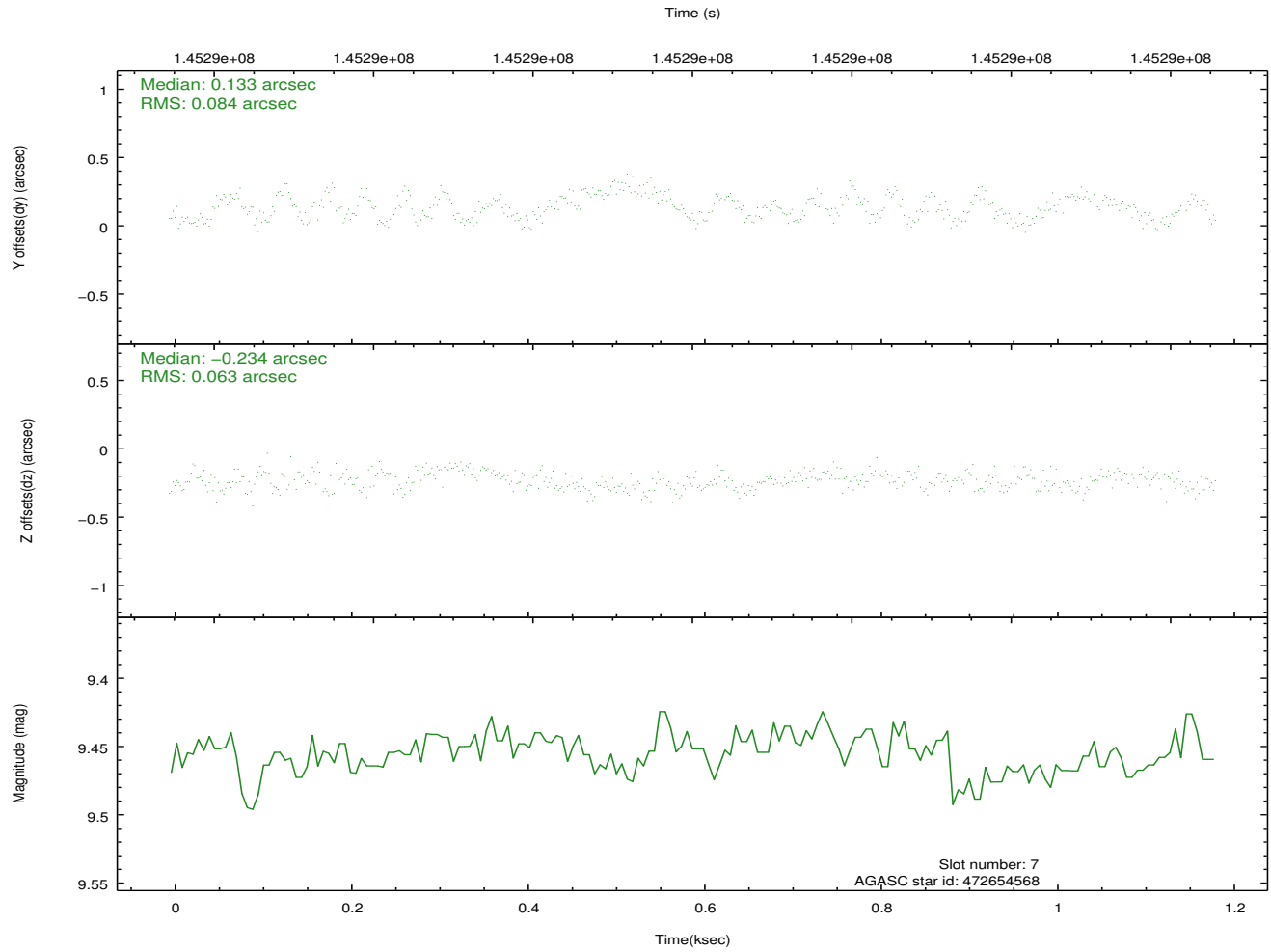
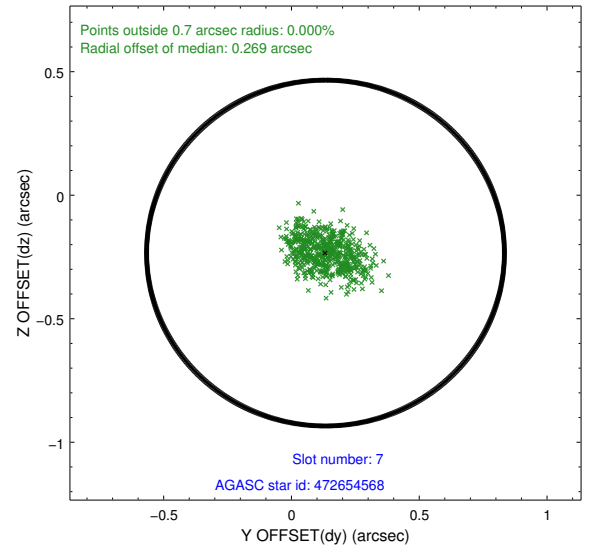
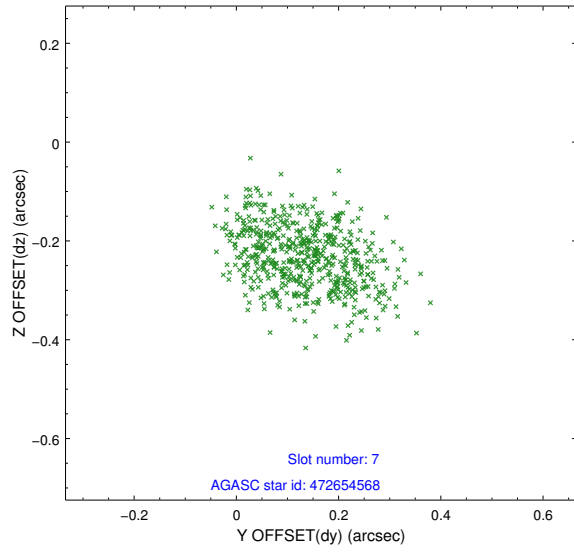
2.4.3 Slot 5



2.4.4 Slot 6

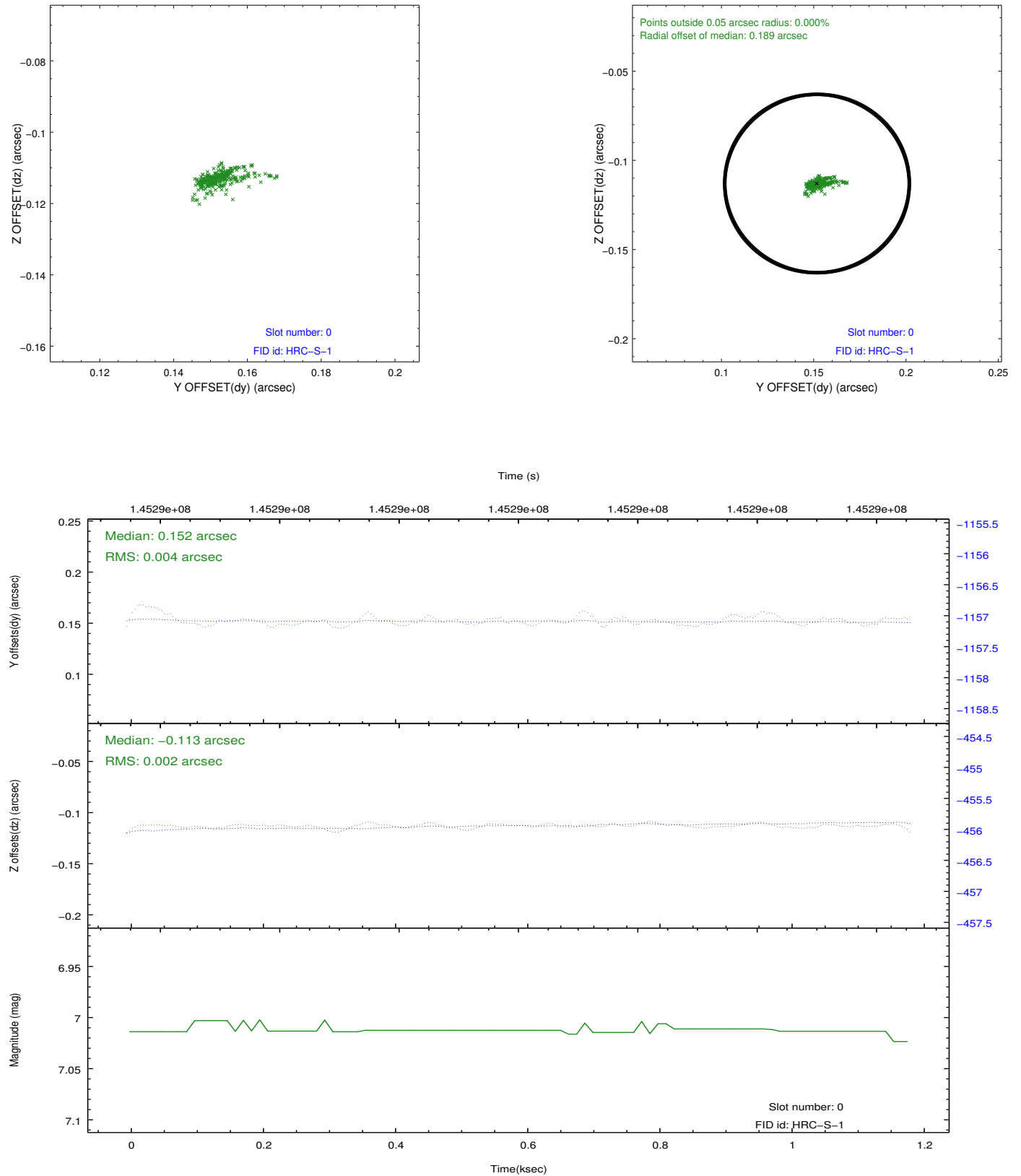


2.4.5 Slot 7

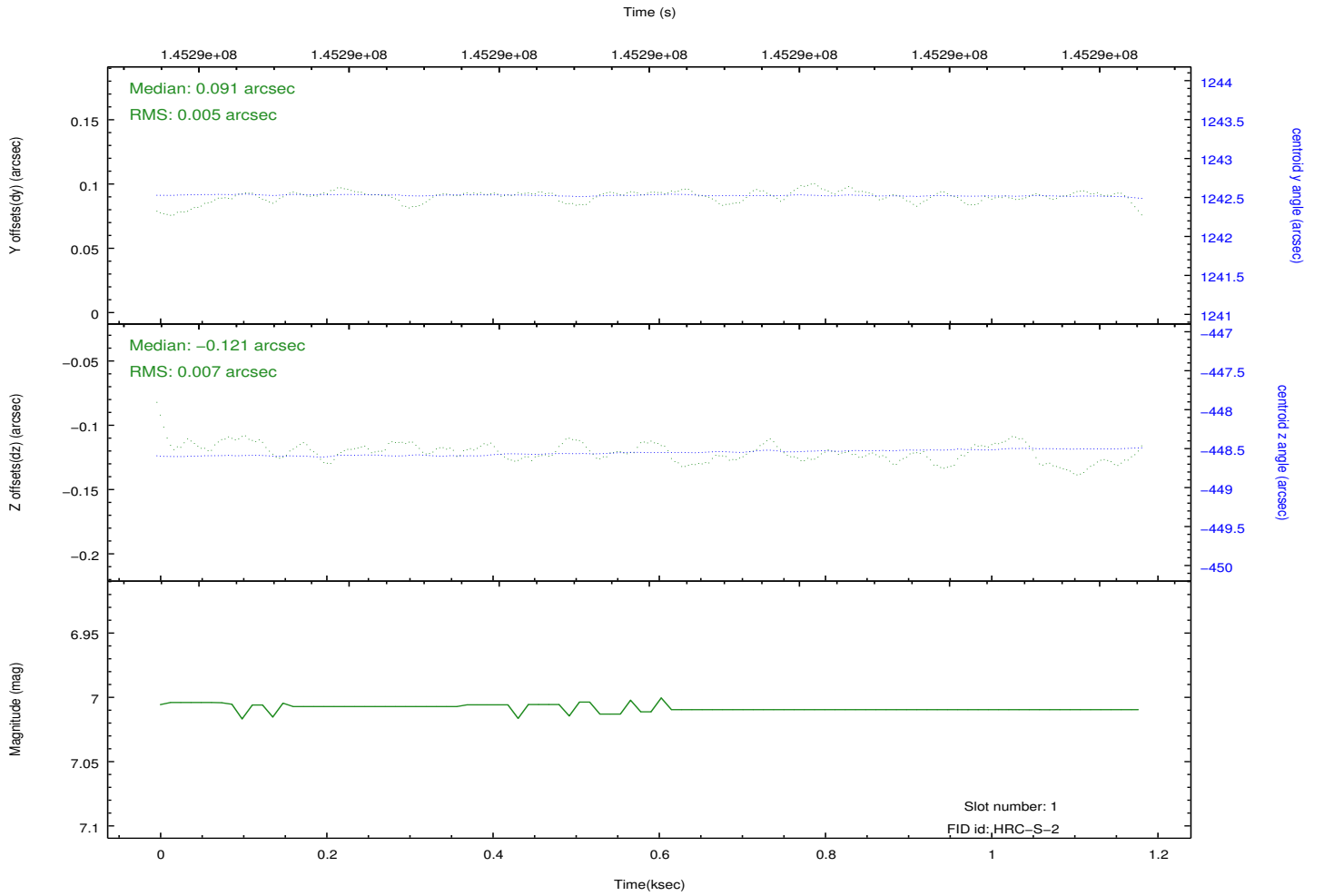
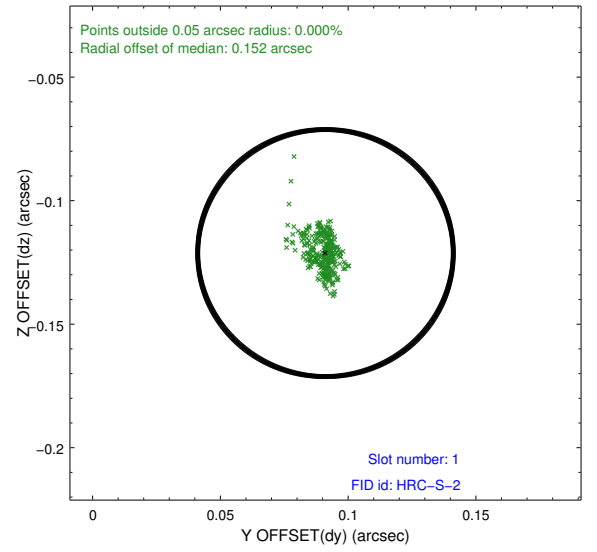
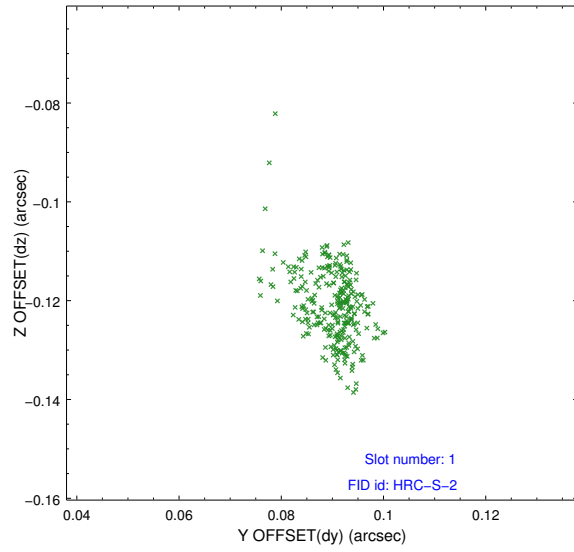


2.5 FID Slots

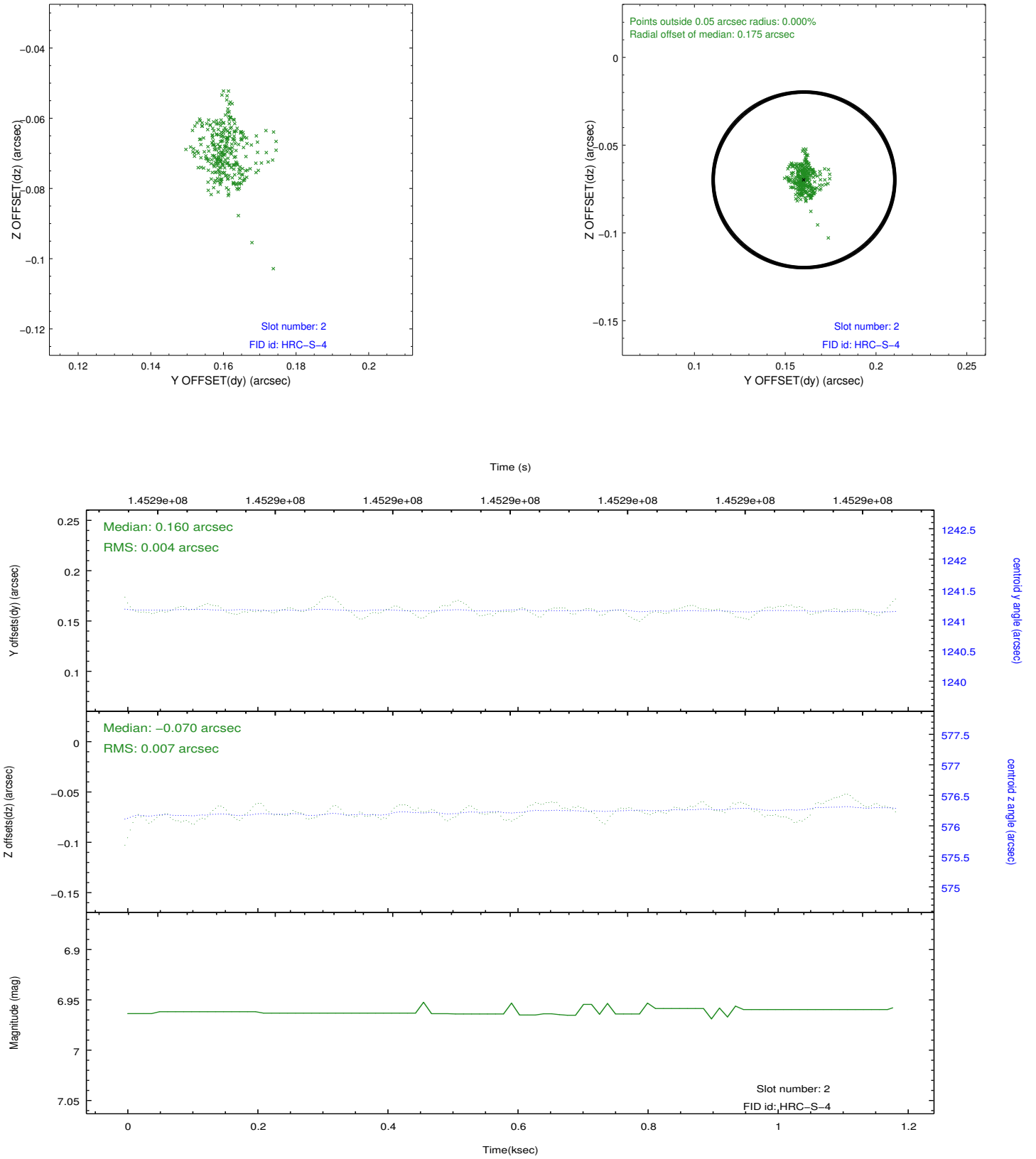
2.5.1 Slot 0



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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.18

A.2 Comments

Charge time for this ObsId remains at previous value of 1.18 ks, although with the new processing the charge time would have been 1.14 ksec. Monitor constraint met