

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6505 - L2 Version 3
Chandra X-Ray Center

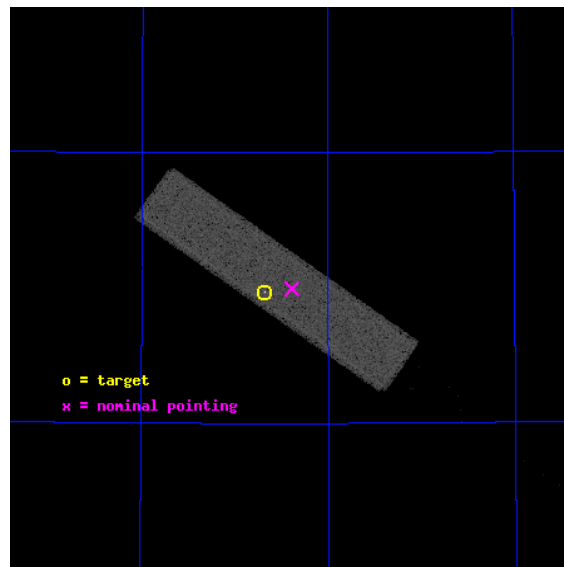
L2 Processing Date : Aug 11 2012

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1 Front

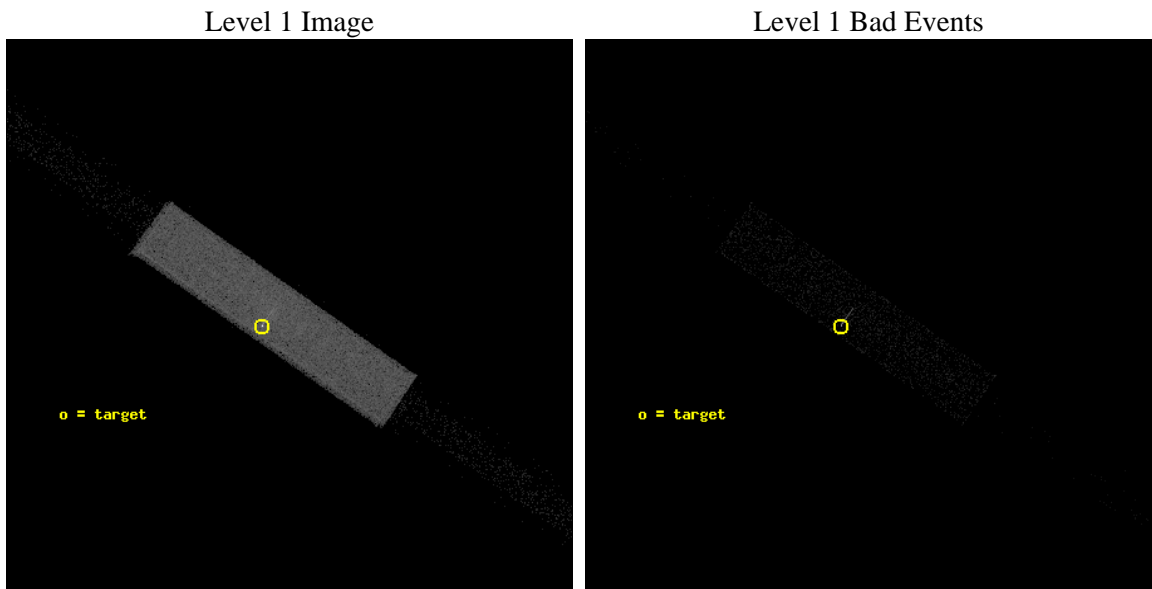
seq_num	290598	Sequence number
obs_id	6505	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.09706799501	Nominal RA [deg]
dec_nom	45.74837240835	Nominal Dec [deg]
roll_nom	214.85687407947	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1159.531304419	[s]
livetime	1150.576394218	Ontime multiplied by DTCOR
l2events	62551	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	1159.531304419	[s]
caldsver	4.5.1.1	 	l1events	99945	Number of level 1 events
date	2012-08-11T14:02:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

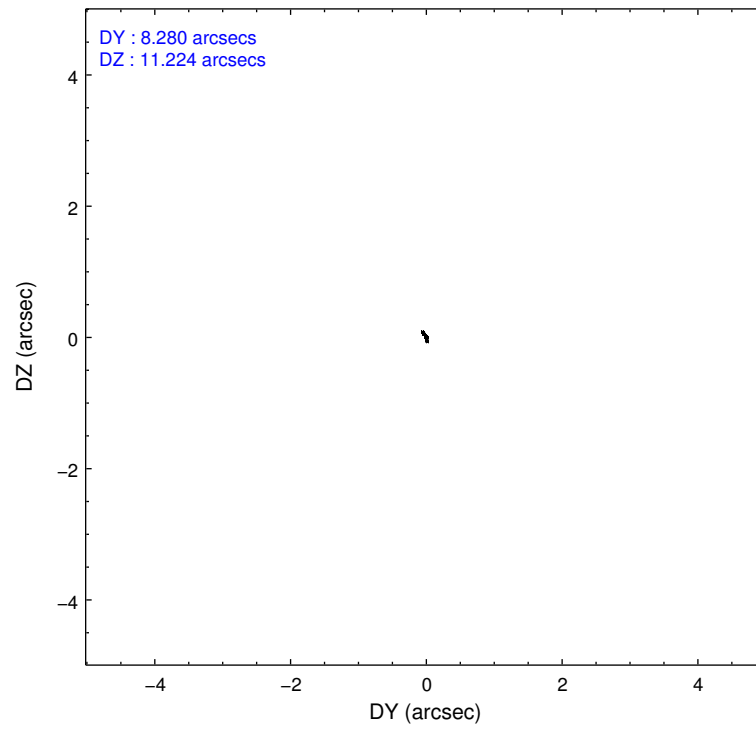
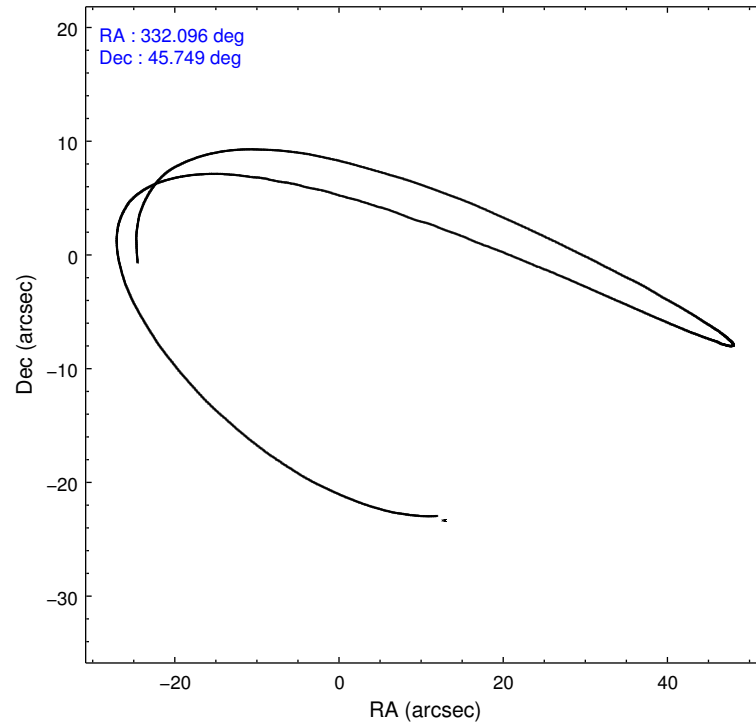
	segment 1	segment 2	segment 3
level 1 events	842	98209	894
rejected events	842	22071	876
rejected %	100%	22%	97%

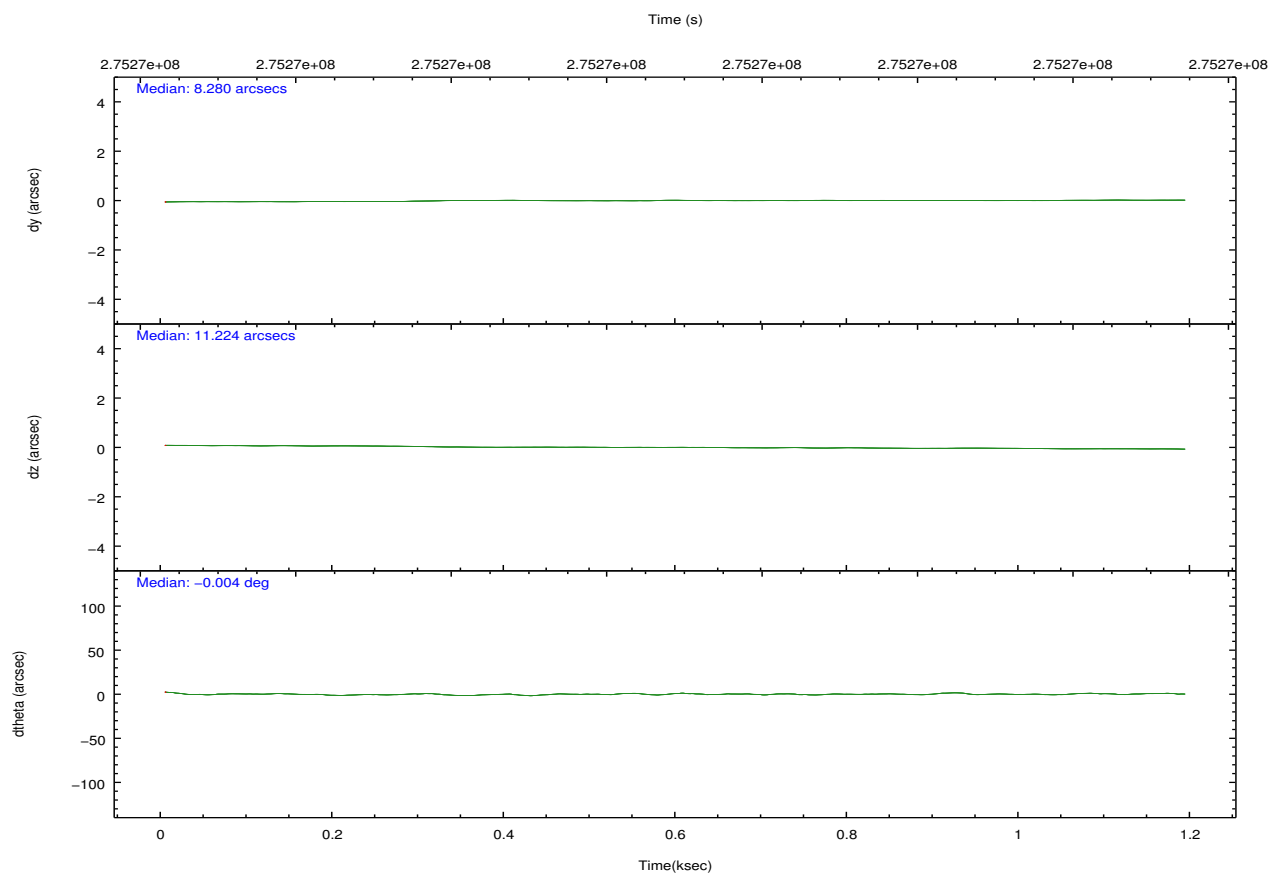
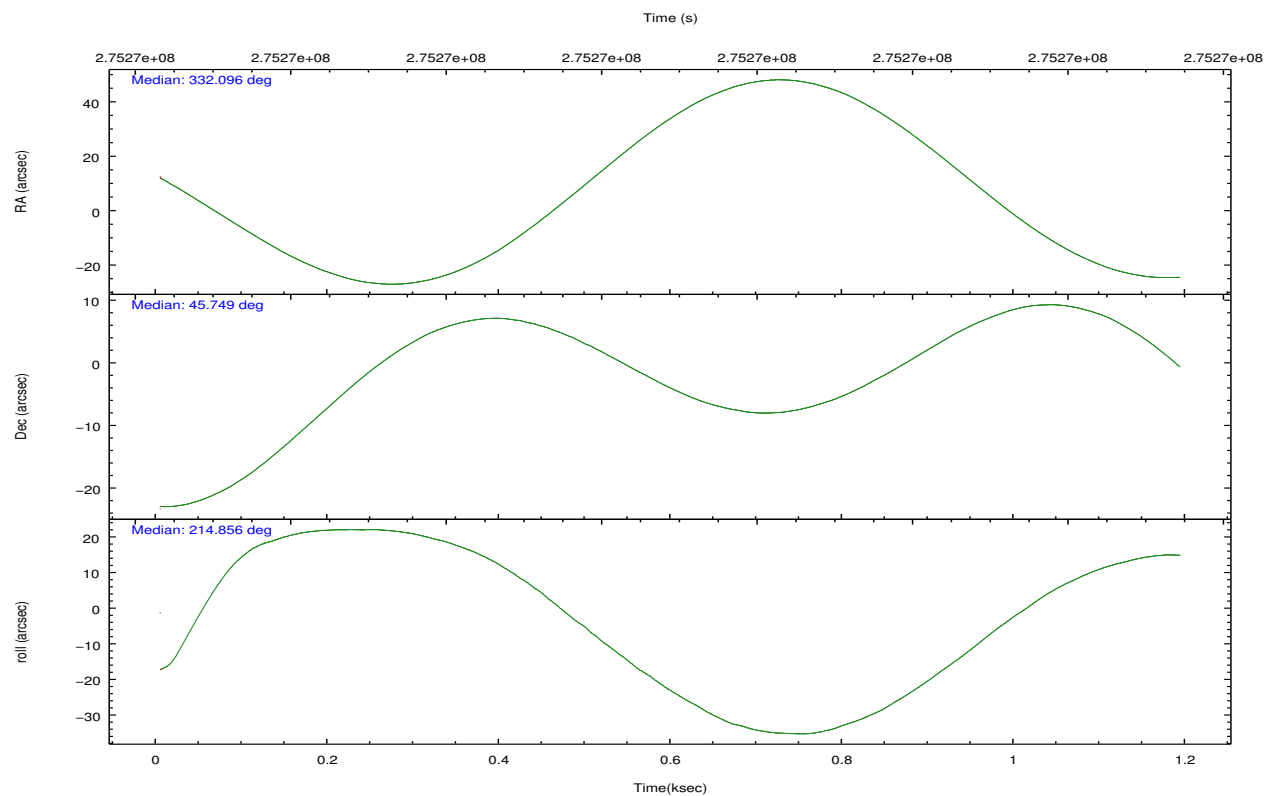
2.2 Compared Parameters

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	332.113474	332.0970679950076
[deg] Pointing Dec	45.774577	45.74837240834966
[deg] Pointing Roll	214.777930	214.8568740794654
[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)	275265890.184000	275265514.31784
Observation start date	2006-09-21T22:43:45	2006-09-21T22:38:34
[s] Observation end time (MET)	275266890.184000	275267024.65541
Observation end date	2006-09-21T23:00:25	2006-09-21T23:03:44

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

2.3 Aspect



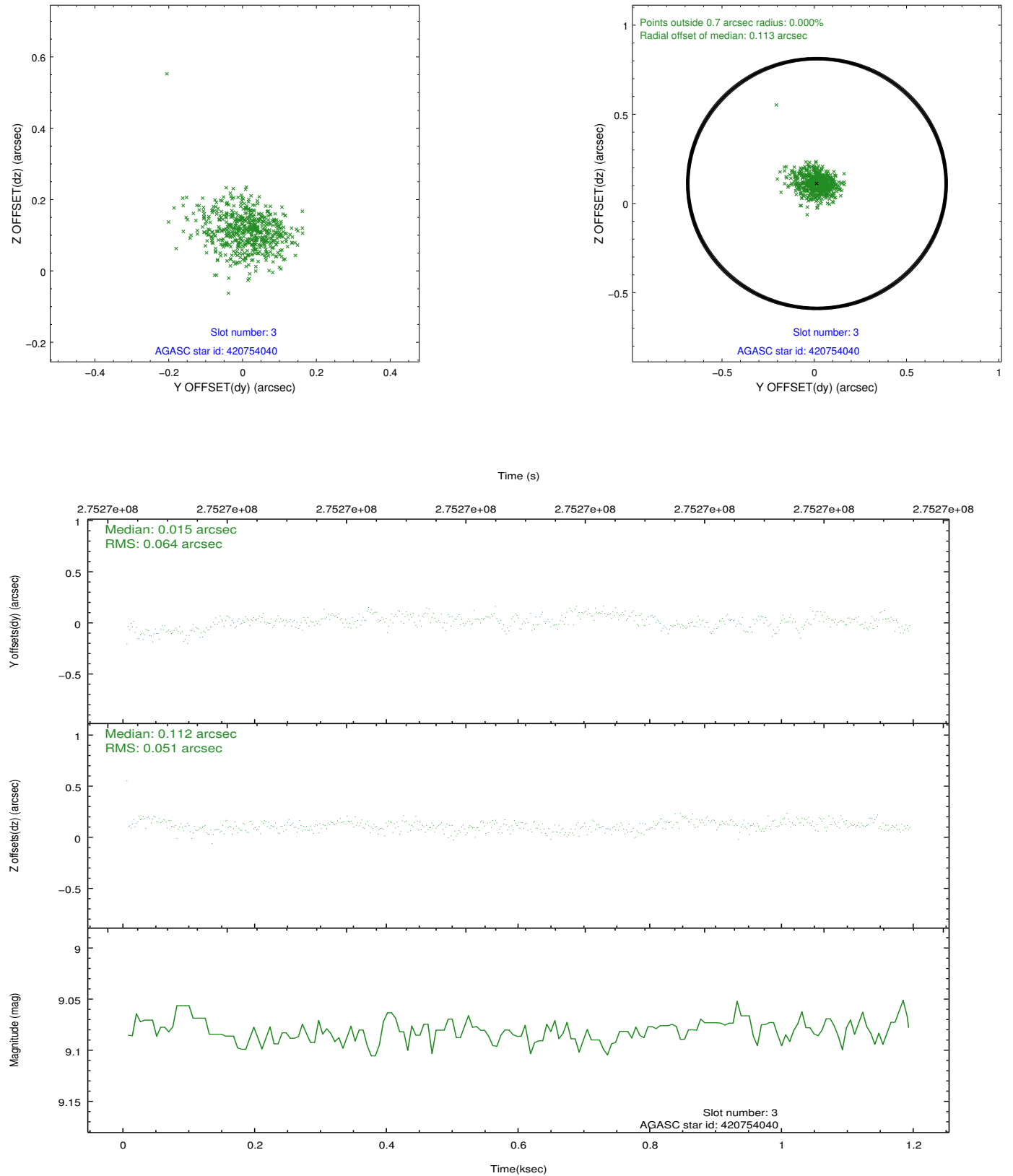


Slot Statistics

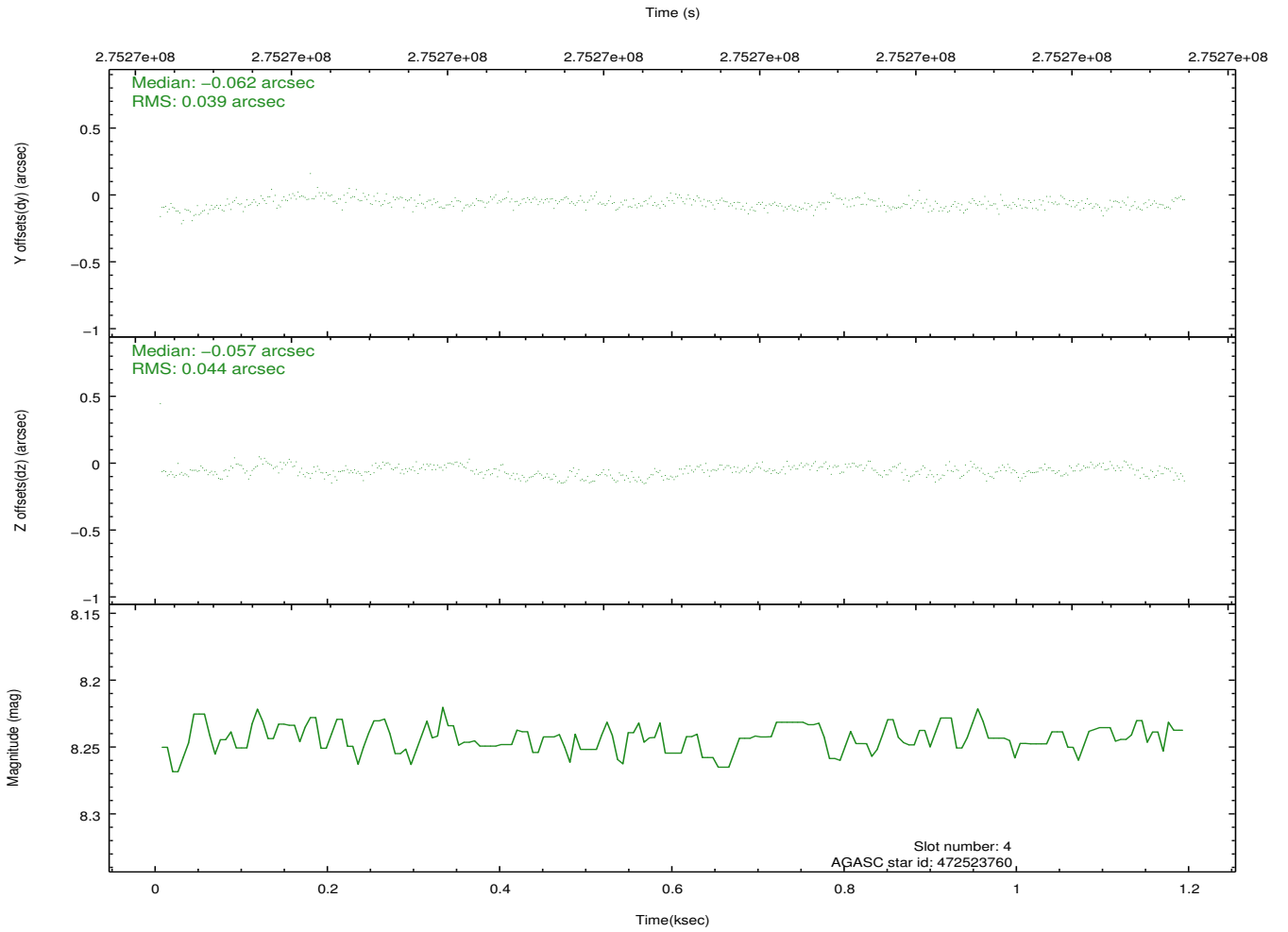
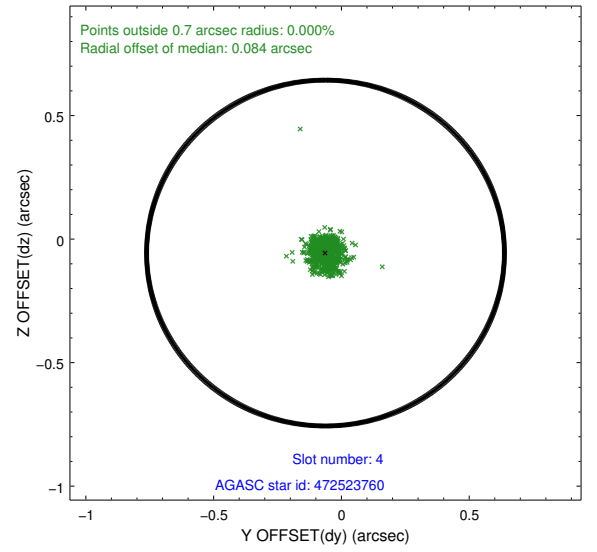
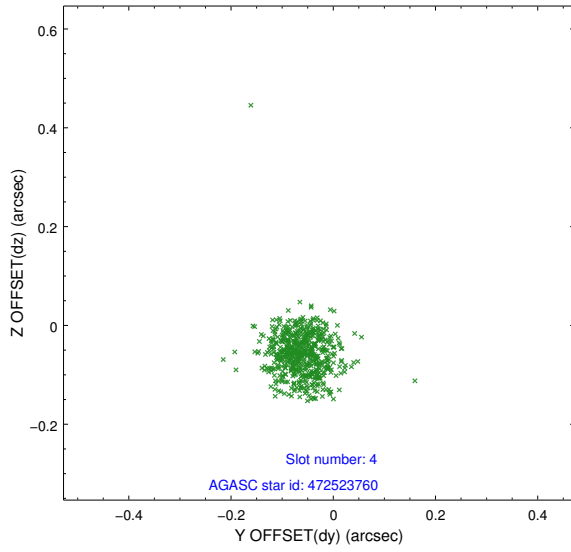
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	291	0.143	-0.161	0.008	0.014	0.000000	0.000000	-1162.42	-459.95
1	FID	HRC-S-2	7.05	291	0.156	-0.117	0.005	0.009	0.000000	0.000000	1233.26	-454.11
2	FID	HRC-S-3	7.07	291	0.091	-0.024	0.008	0.014	0.000000	0.000000	-1160.96	568.15
3	GUIDE	420754040	9.08	580	0.015	0.112	0.084	0.138	331.917939	44.882543	2239.40	2355.46
4	GUIDE	472523760	8.24	581	-0.062	-0.057	0.059	0.092	331.645363	45.403260	1735.31	426.53
5	GUIDE	472533912	9.16	581	-0.035	0.000	0.116	0.187	331.791136	46.368695	-561.12	-2211.86
6	GUIDE	472655152	9.43	581	0.015	-0.132	0.104	0.168	332.504239	45.862991	-989.41	293.74
7	GUIDE	472665256	9.02	580	0.074	0.091	0.084	0.133	332.808125	46.195041	-2292.00	-259.37

2.4 Star Slots

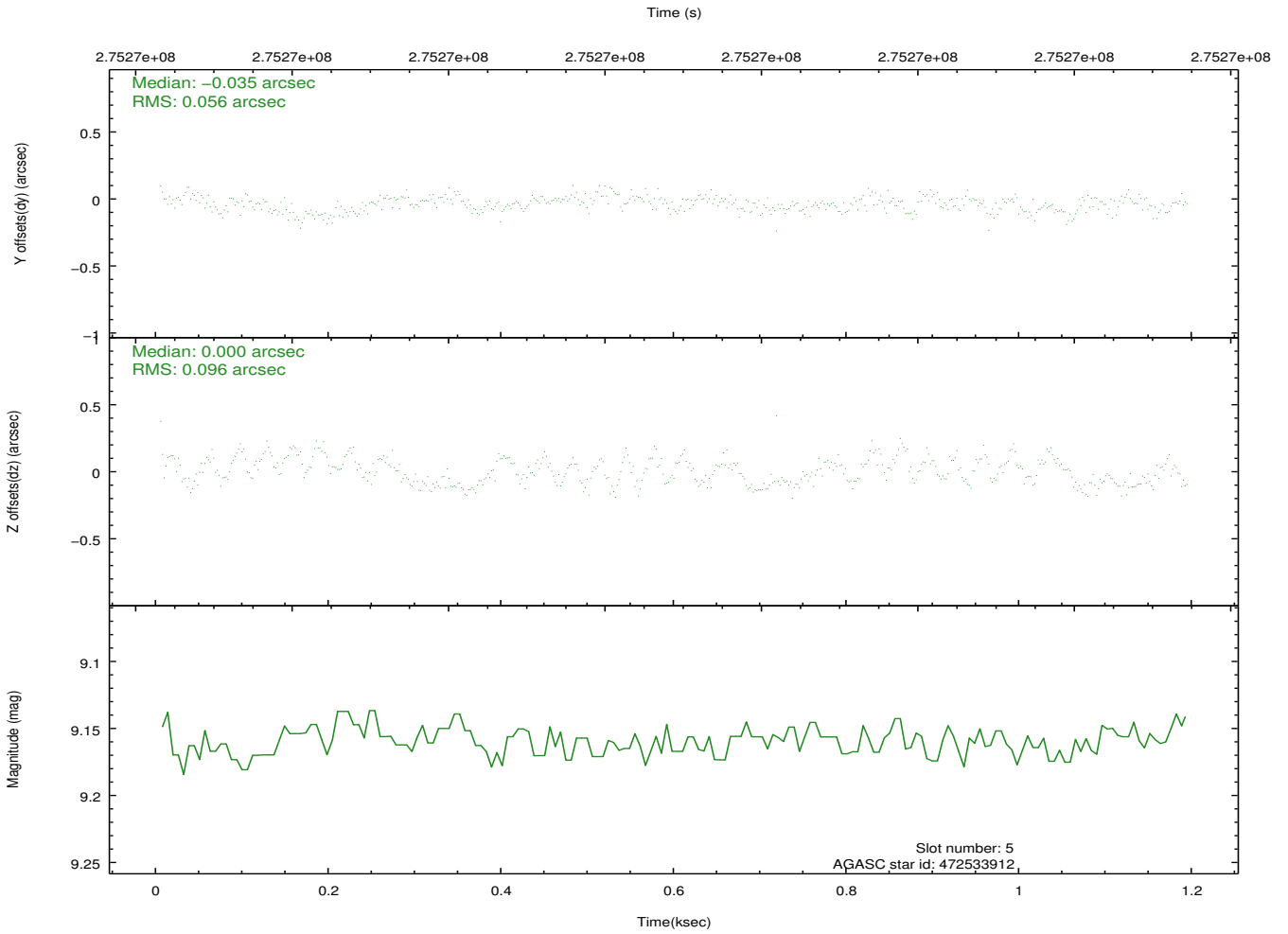
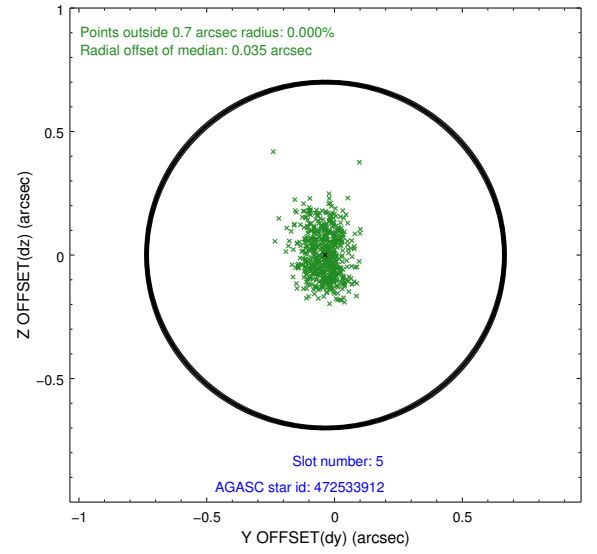
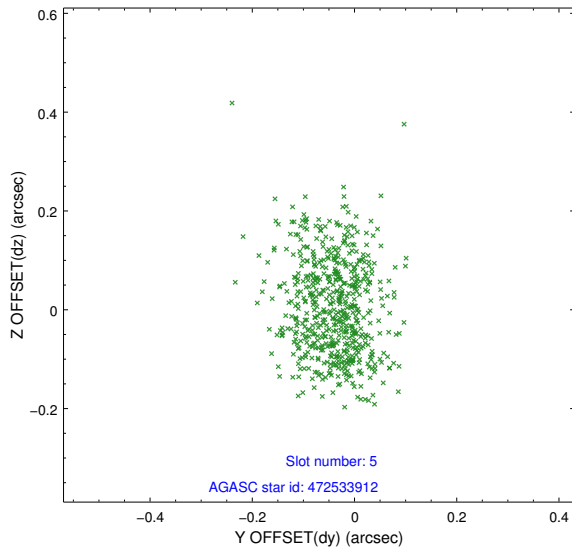
2.4.1 Slot 3



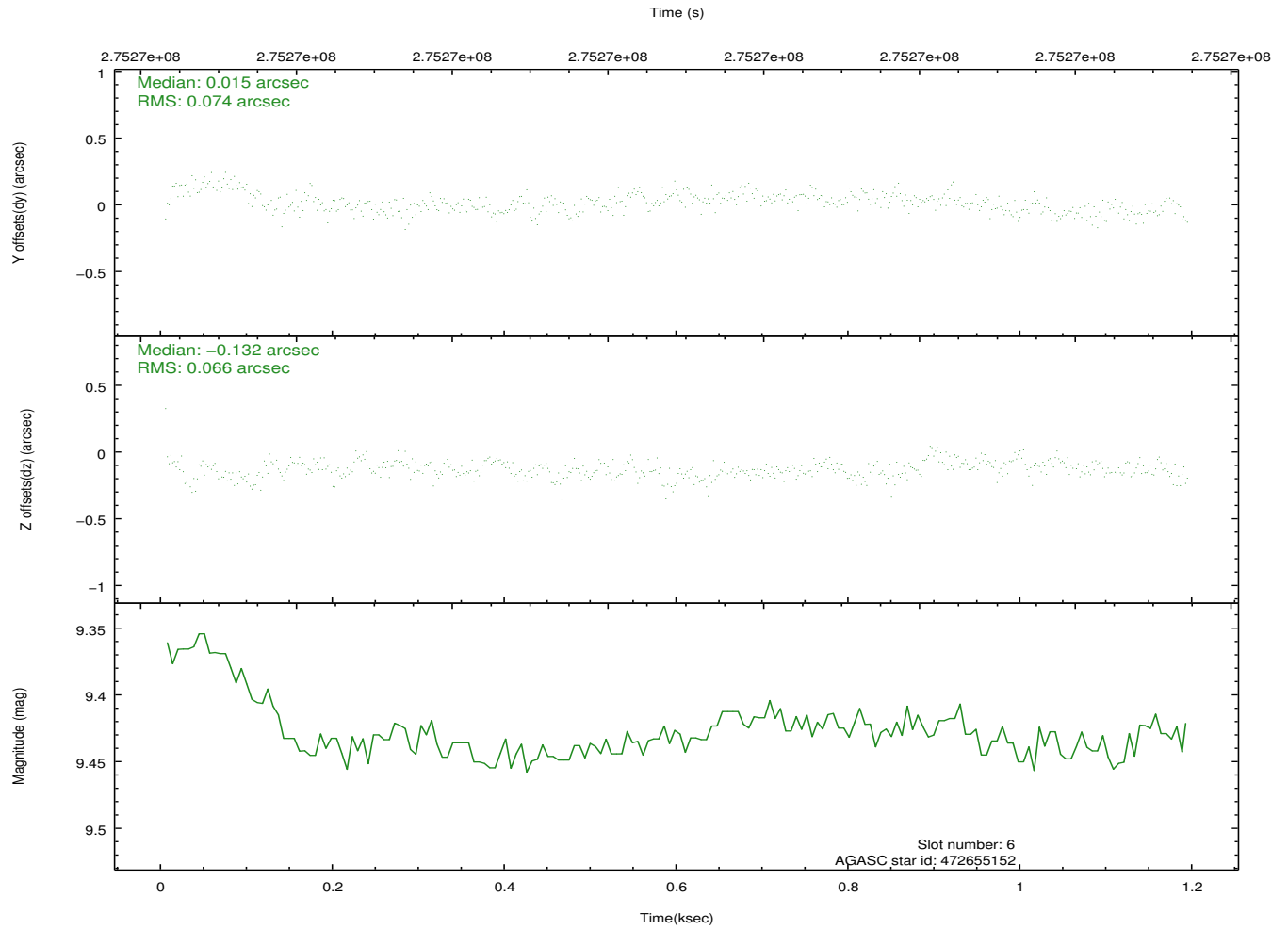
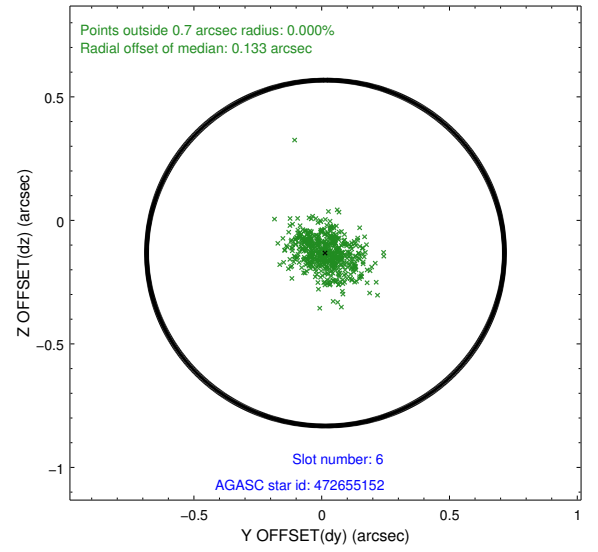
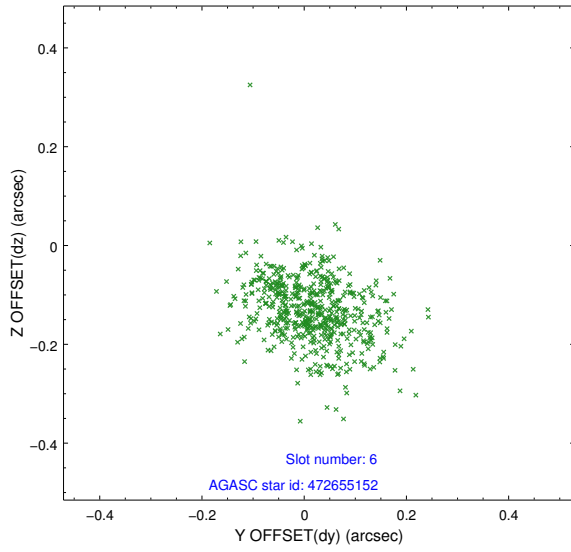
2.4.2 Slot 4



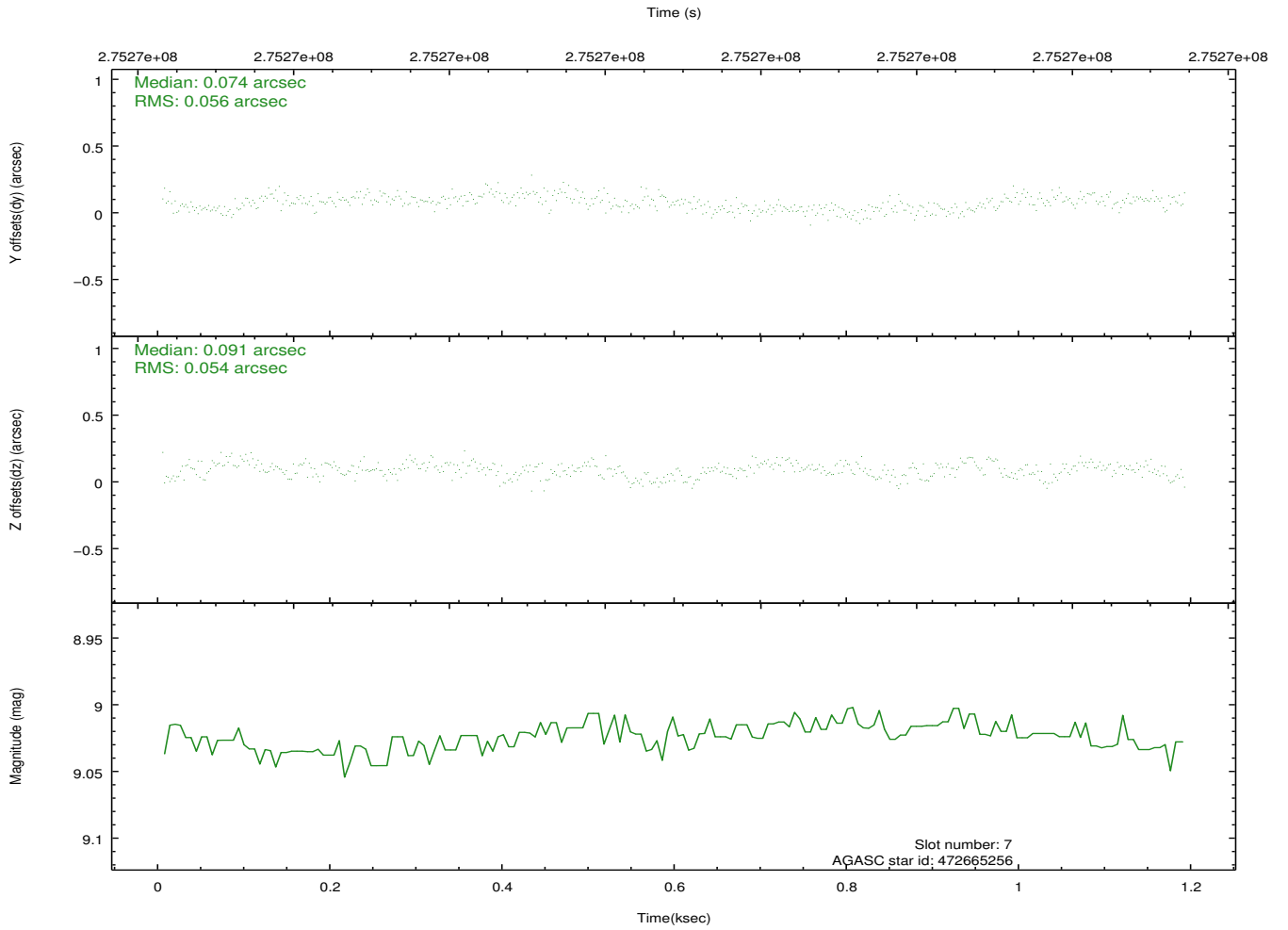
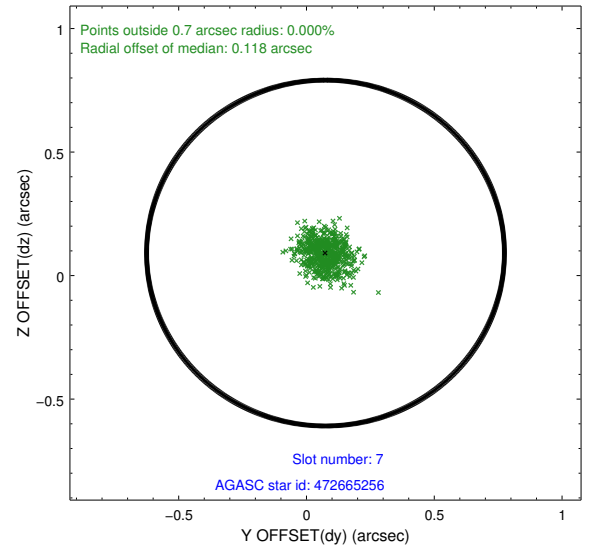
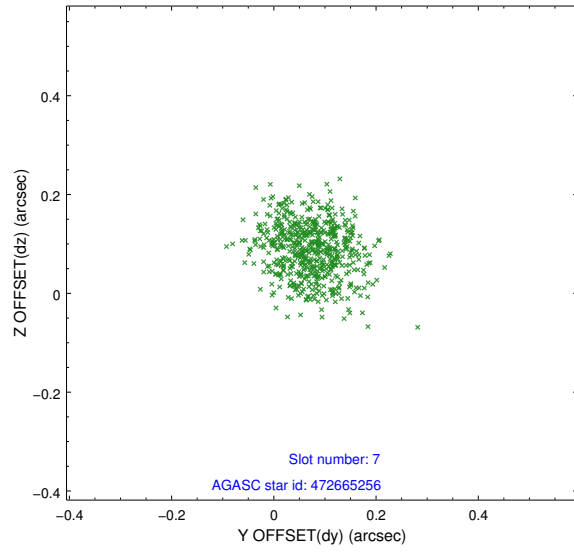
2.4.3 Slot 5



2.4.4 Slot 6

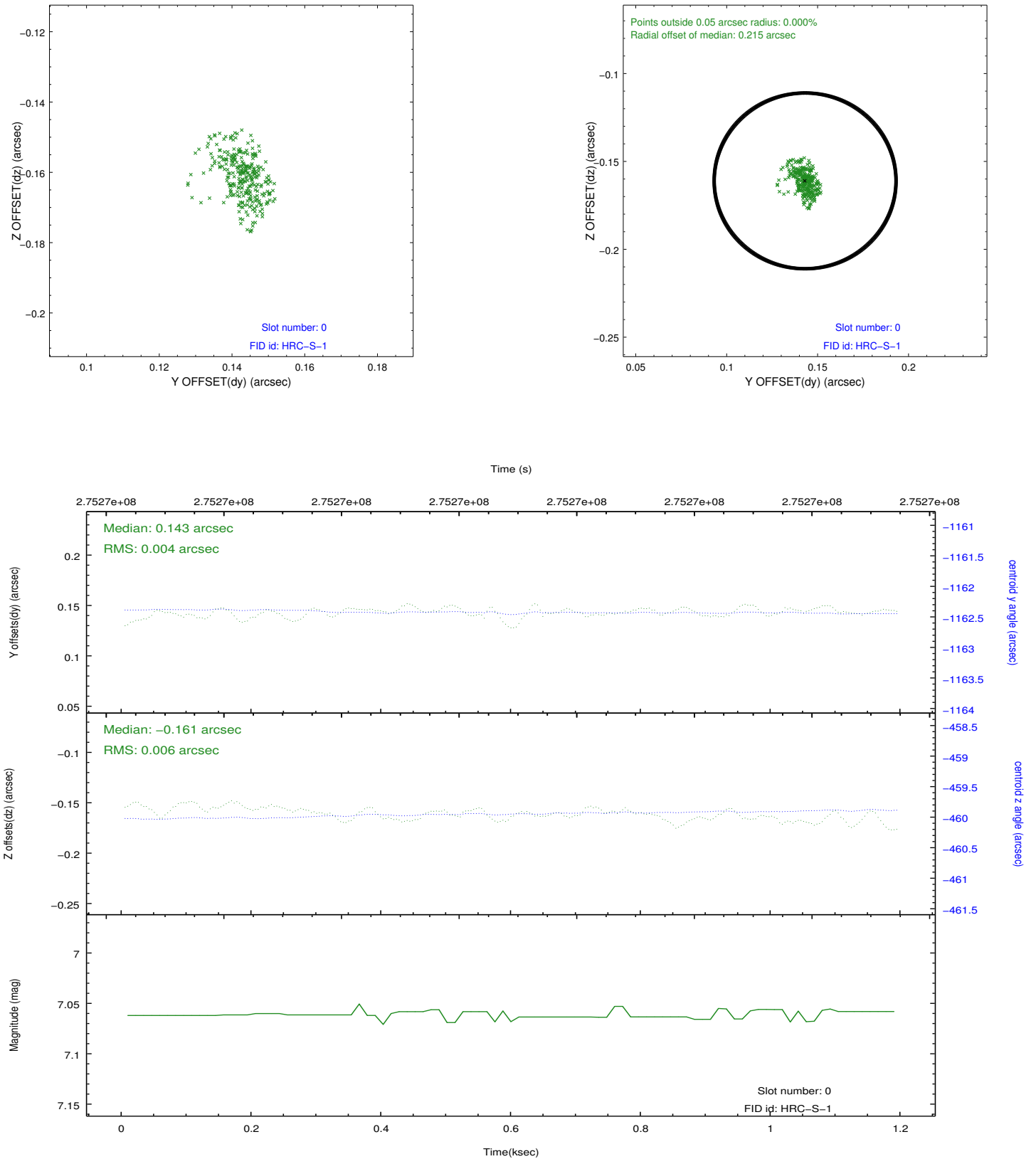


2.4.5 Slot 7

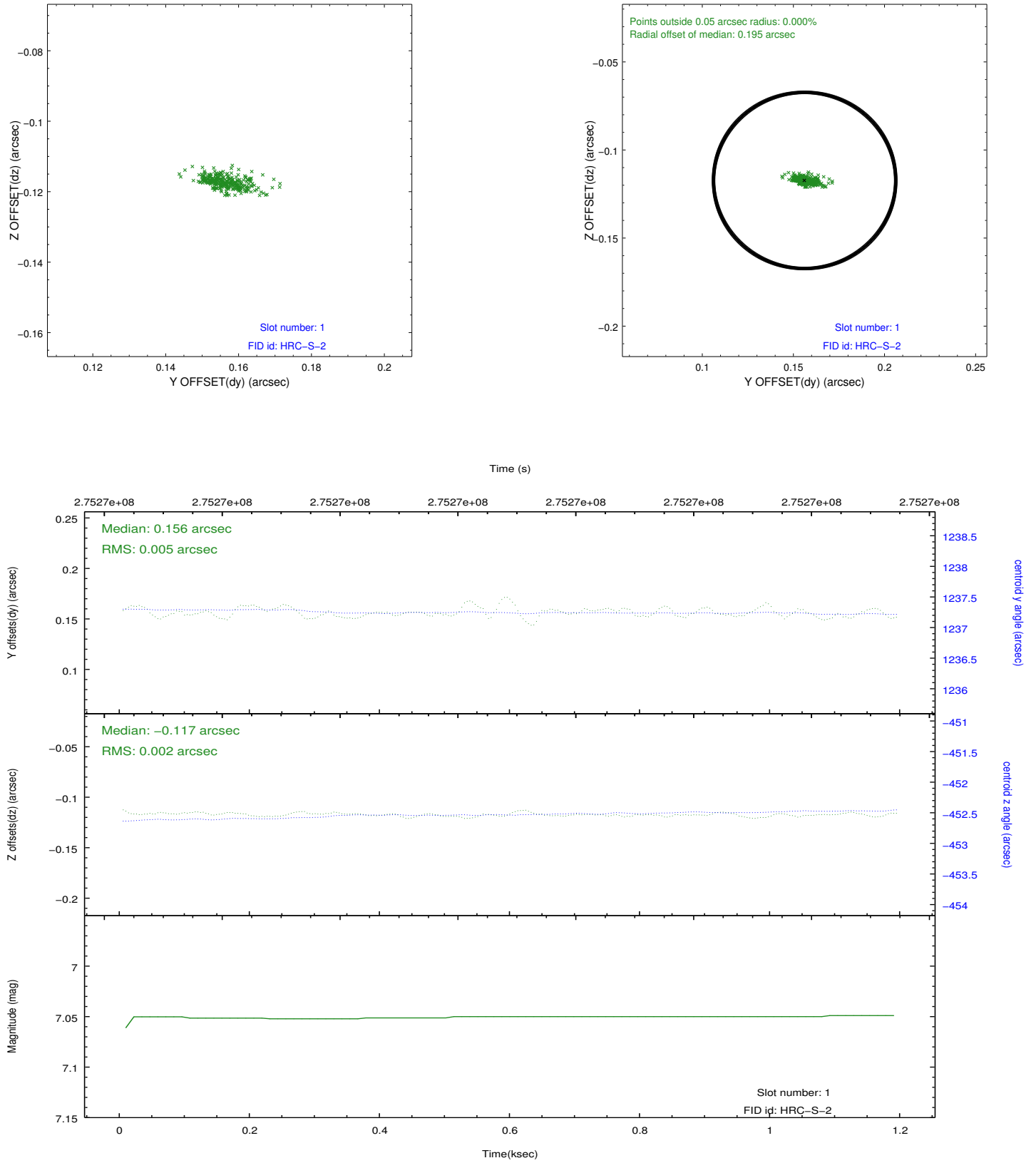


2.5 FID Slots

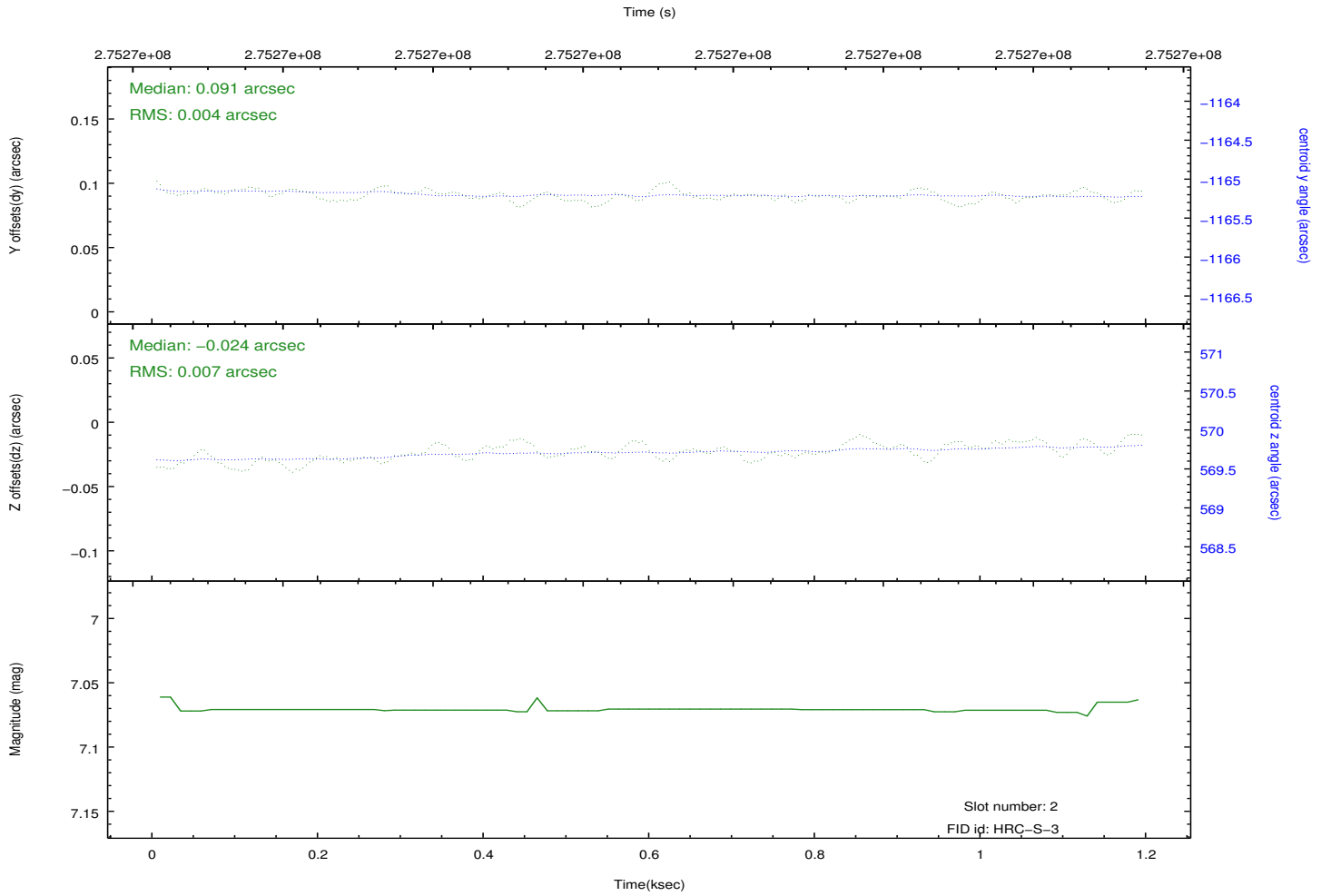
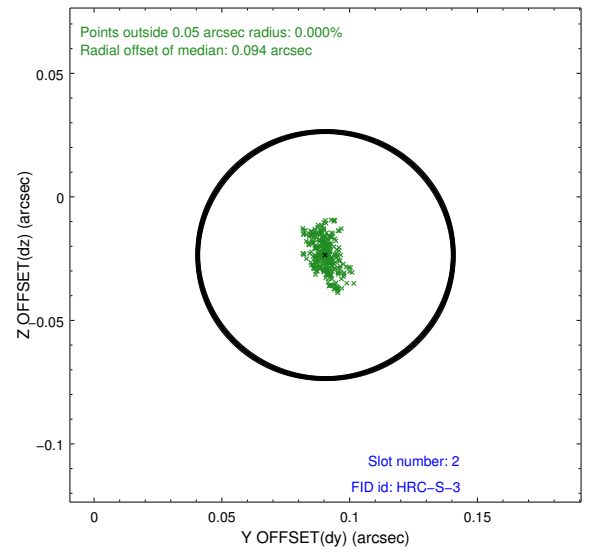
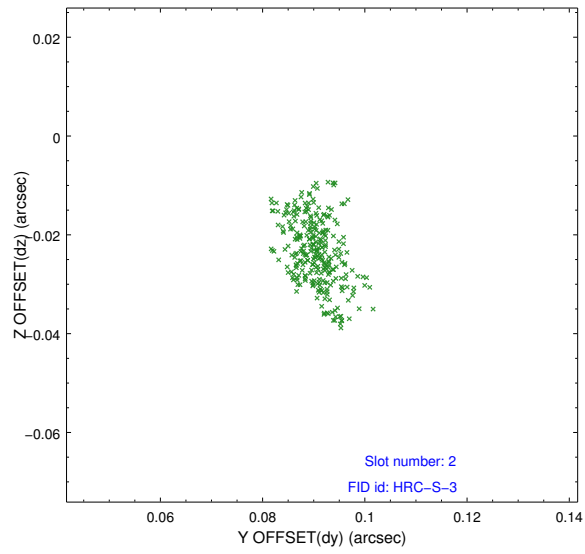
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1595313

A.2 Comments