

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6511 - L2 Version 3
Chandra X-Ray Center

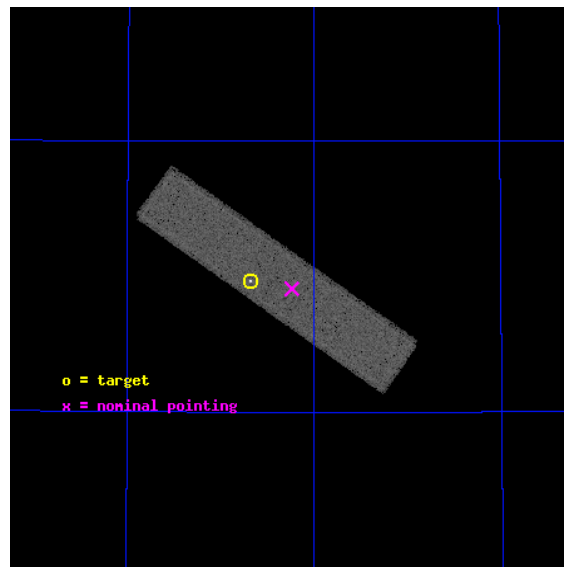
L2 Processing Date : Aug 11 2012

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1 Front

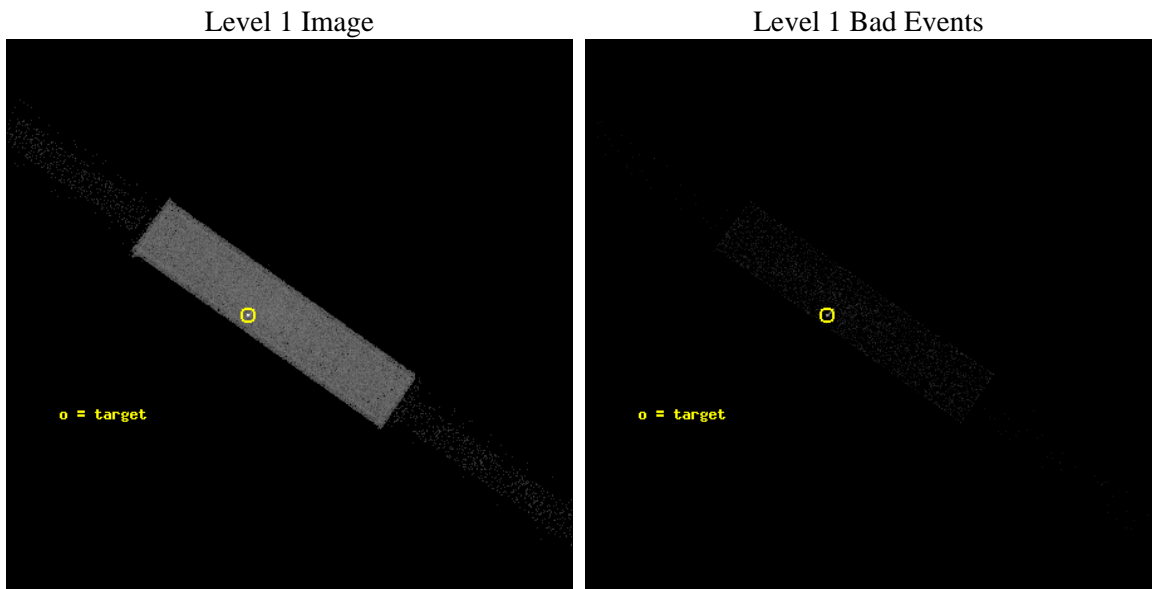
seq_num	290604	Sequence number
obs_id	6511	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.05928621816	Nominal RA [deg]
dec_nom	45.728102265522	Nominal Dec [deg]
roll_nom	215.0383858717	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.4813044667	[s]
livetime	1148.471217891	Ontime multiplied by DTCOR
l2events	62981	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	1157.4813044667	[s]
caldbver	4.5.1.1	 	l1events	101215	Number of level 1 events
date	2012-08-11T13:51:16	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

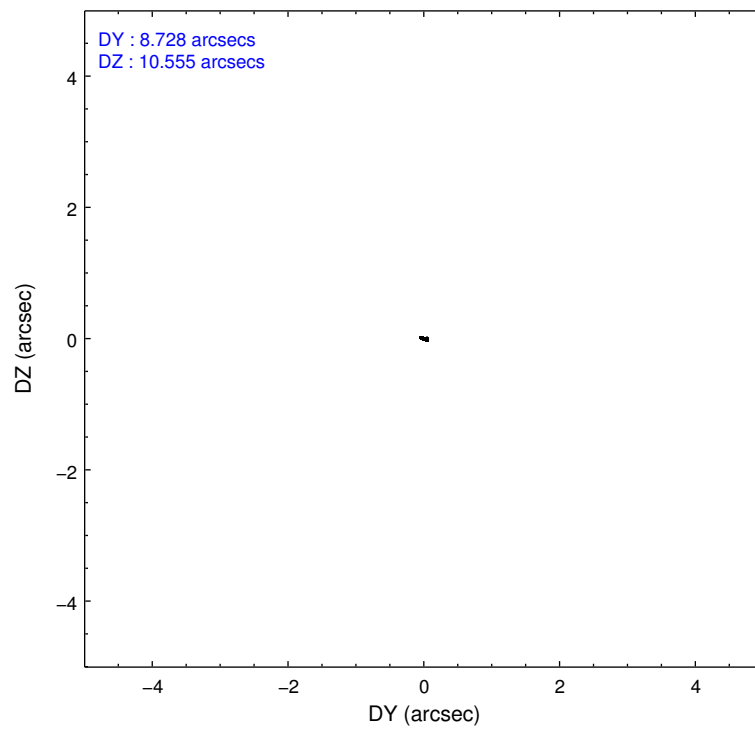
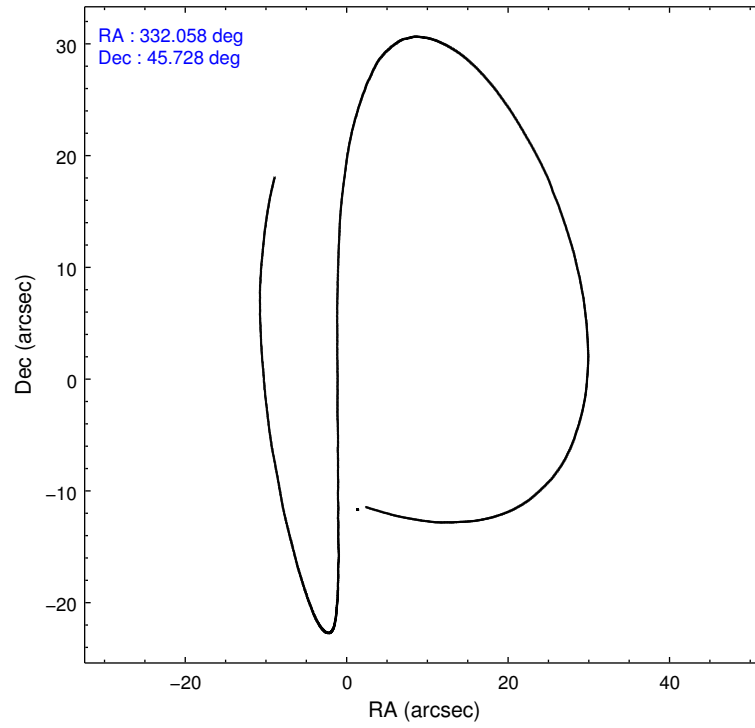
	segment 1	segment 2	segment 3
level 1 events	961	99328	926
rejected events	961	22608	926
rejected %	100%	22%	100%

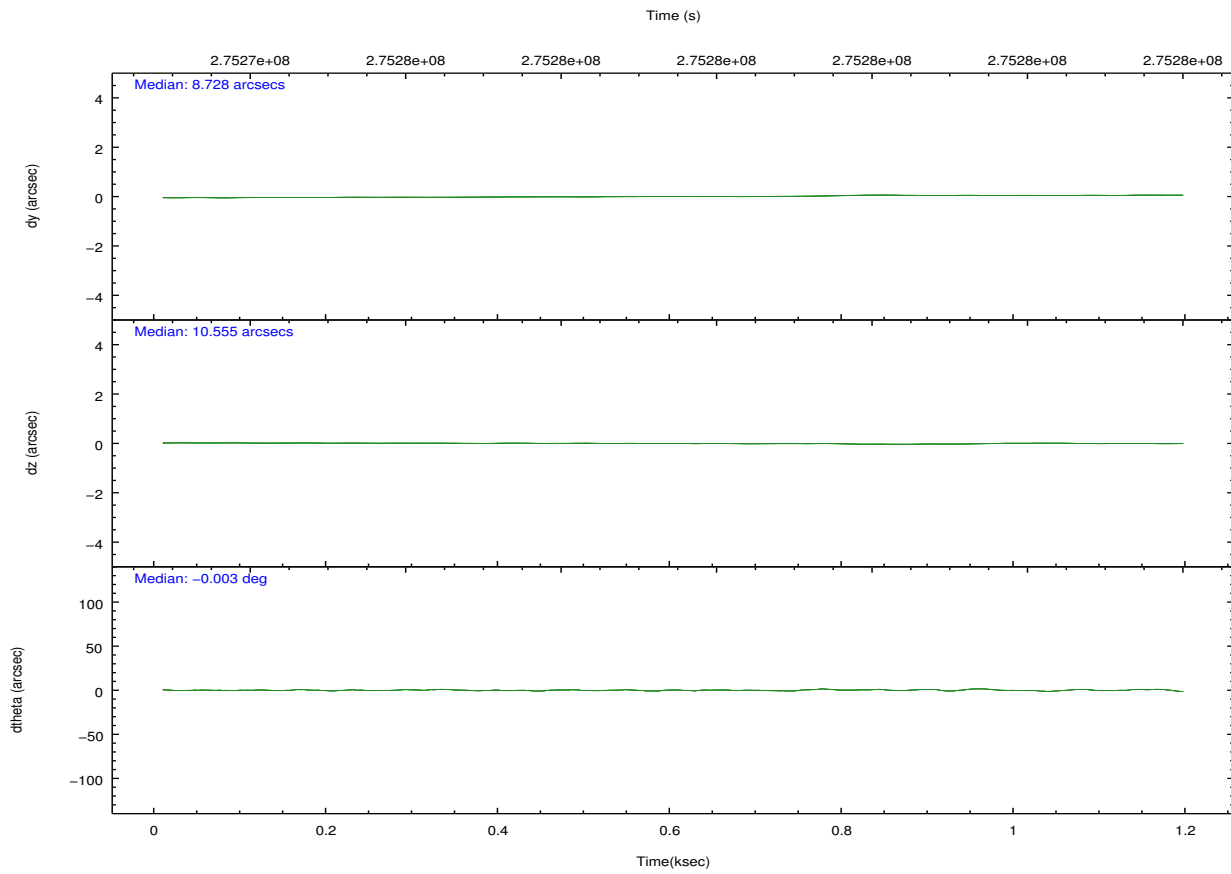
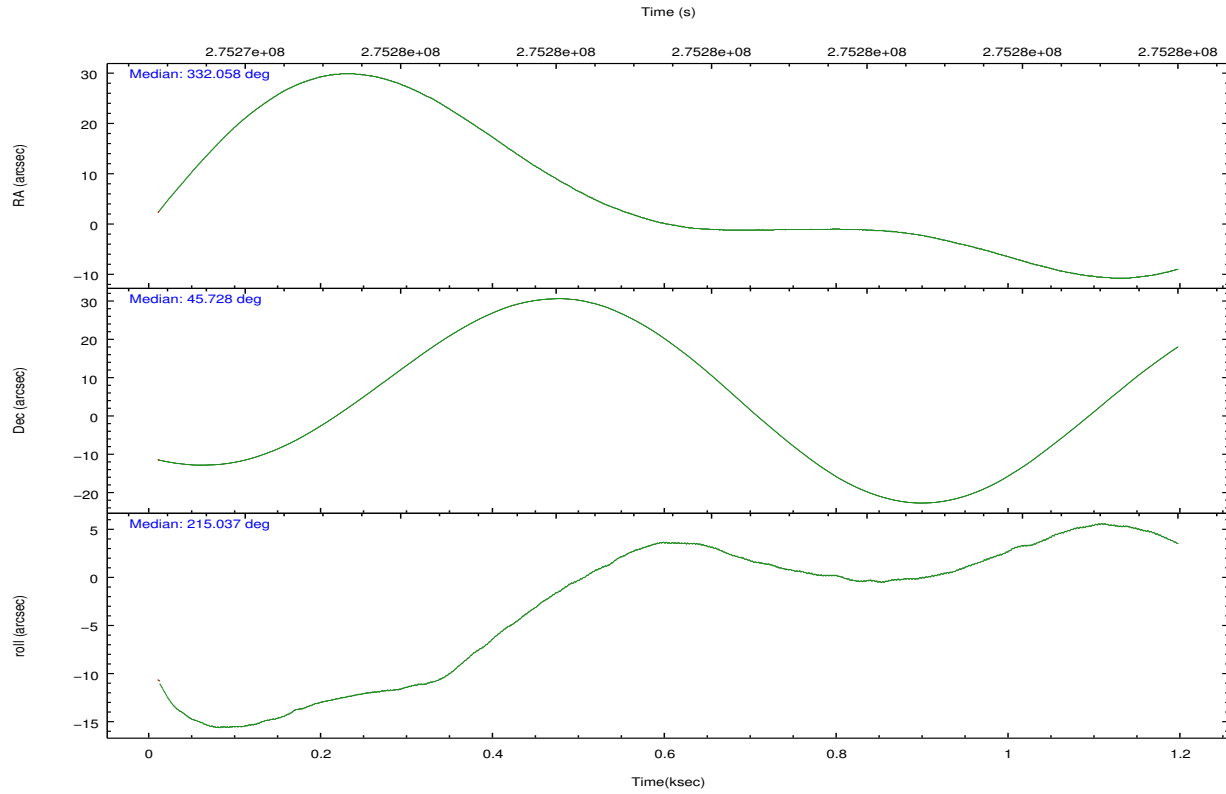
2.2 Compared Parameters

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	332.074178	332.0592862181637
[deg] Pointing Dec	45.755379	45.72810226552232
[deg] Pointing Roll	214.960391	215.0383858716975
[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)	275274950.184000	275274574.80577
Observation start date	2006-09-22T01:14:45	2006-09-22T01:09:34
[s] Observation end time (MET)	275275950.184000	275276084.63084
Observation end date	2006-09-22T01:31:25	2006-09-22T01:34:44

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

2.3 Aspect



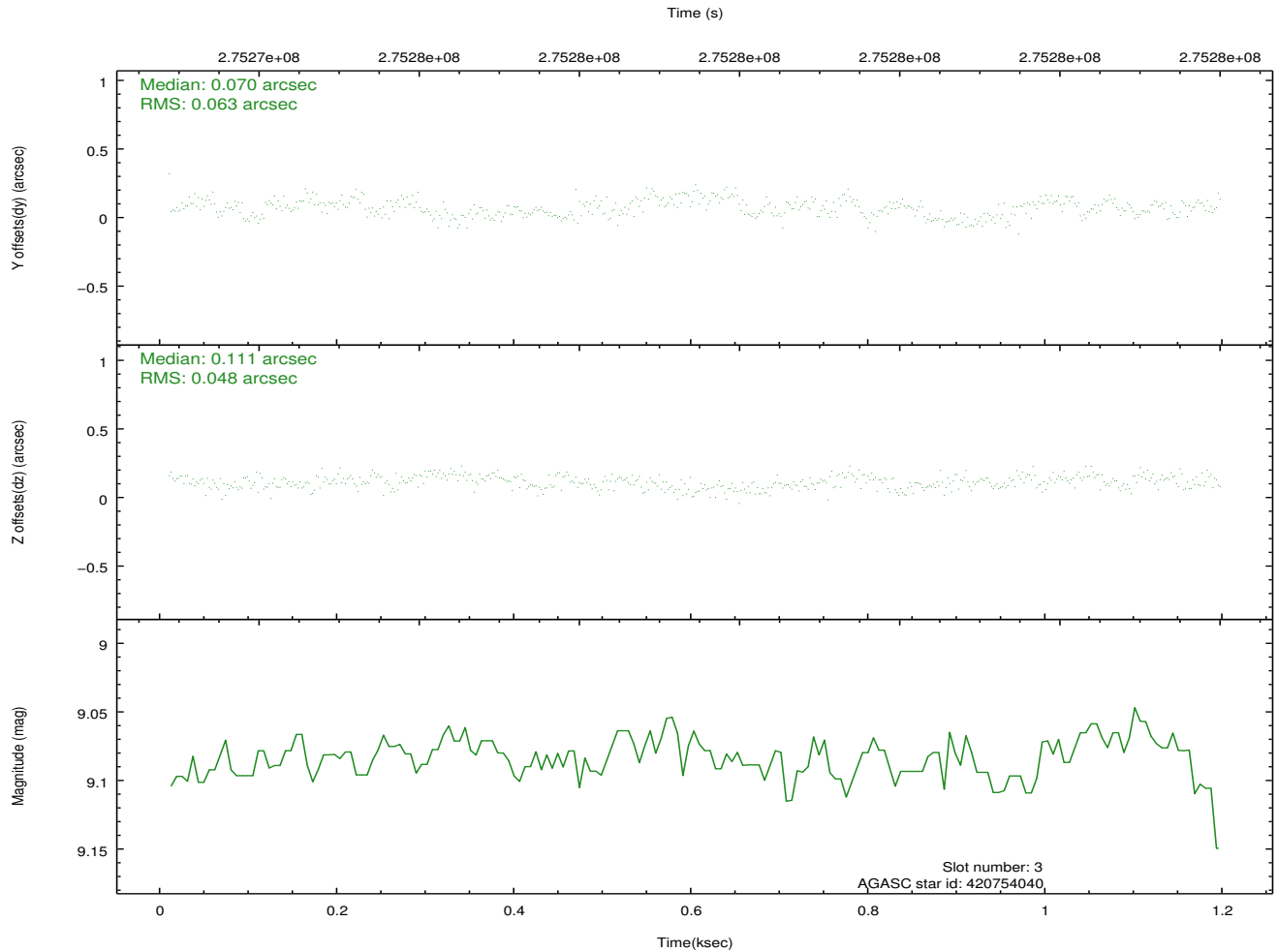
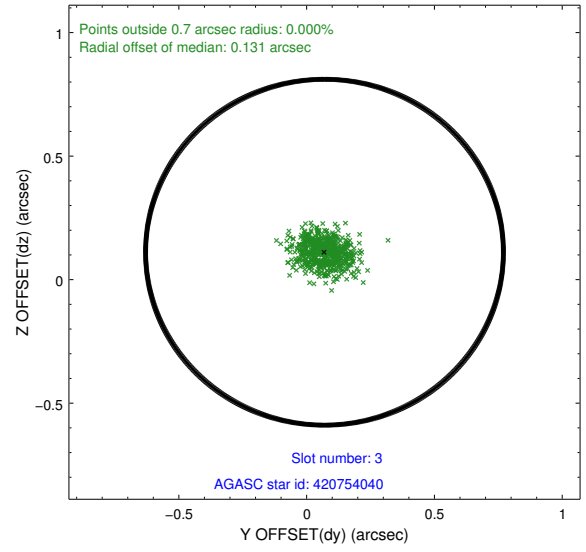
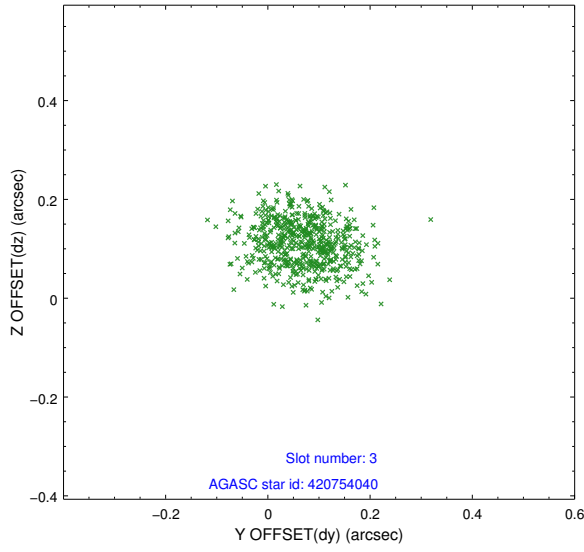


Slot Statistics

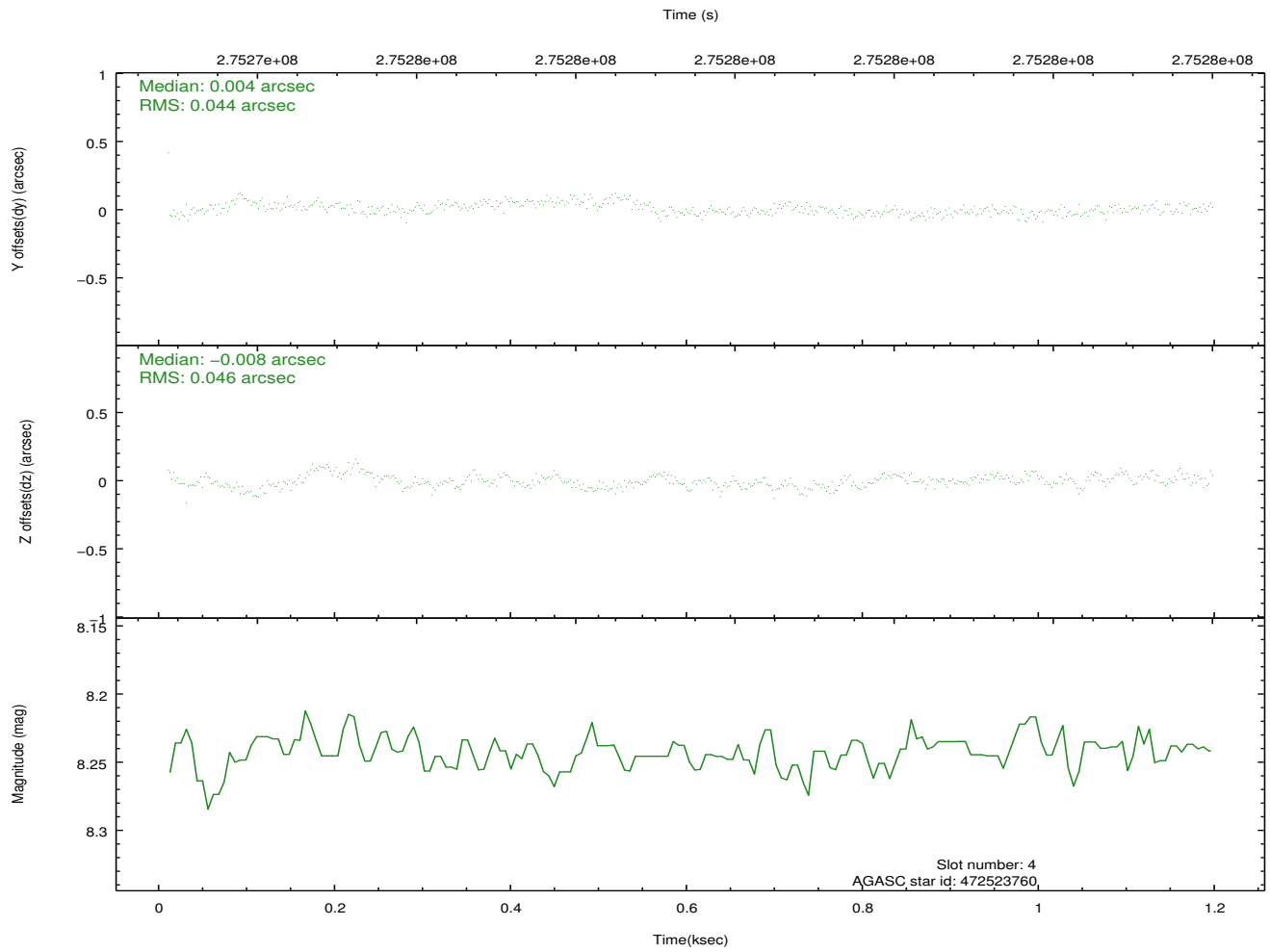
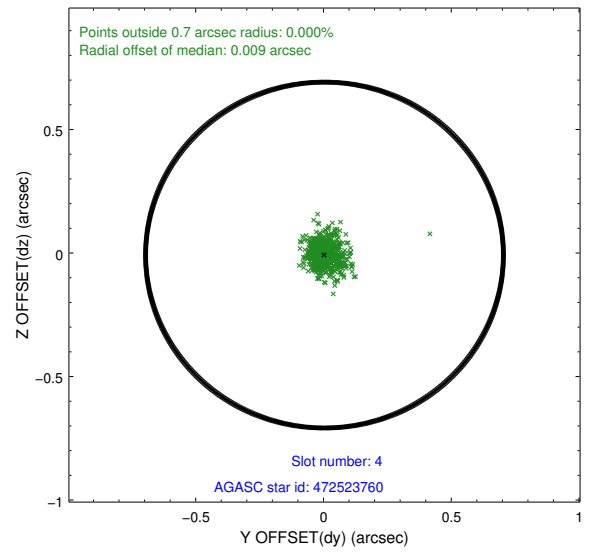
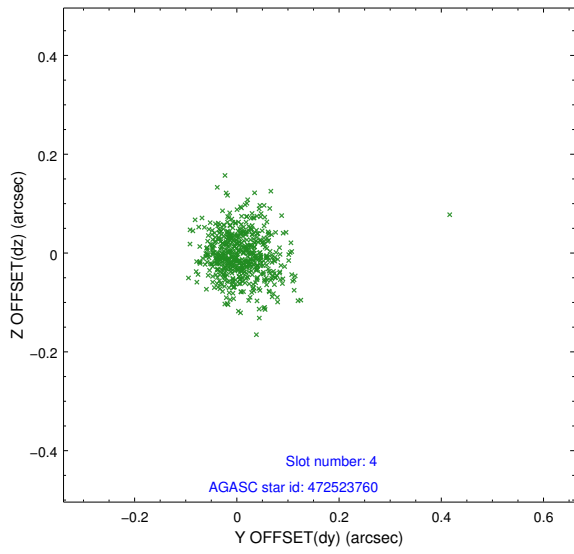
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	290	0.145	-0.196	0.006	0.009	0.000000	0.000000	-1162.90	-459.29
1	FID	HRC-S-2	7.05	290	0.156	-0.118	0.004	0.008	0.000000	0.000000	1232.76	-453.44
2	FID	HRC-S-3	7.07	290	0.089	0.012	0.006	0.009	0.000000	0.000000	-1161.42	568.88
3	GUIDE	420754040	9.08	580	0.070	0.111	0.085	0.139	331.917939	44.882543	2126.07	2344.19
4	GUIDE	472523760	8.24	580	0.004	-0.008	0.065	0.110	331.645363	45.403260	1616.58	416.71
5	GUIDE	472533912	9.15	580	-0.014	0.080	0.125	0.201	331.791136	46.368695	-686.97	-2215.49
6	GUIDE	472651904	6.44	580	-0.088	-0.191	0.077	0.118	332.170077	45.742257	-171.80	169.34
7	GUIDE	472655152	9.43	576	0.036	0.012	0.112	0.180	332.504239	45.862991	-1107.63	295.34

2.4 Star Slots

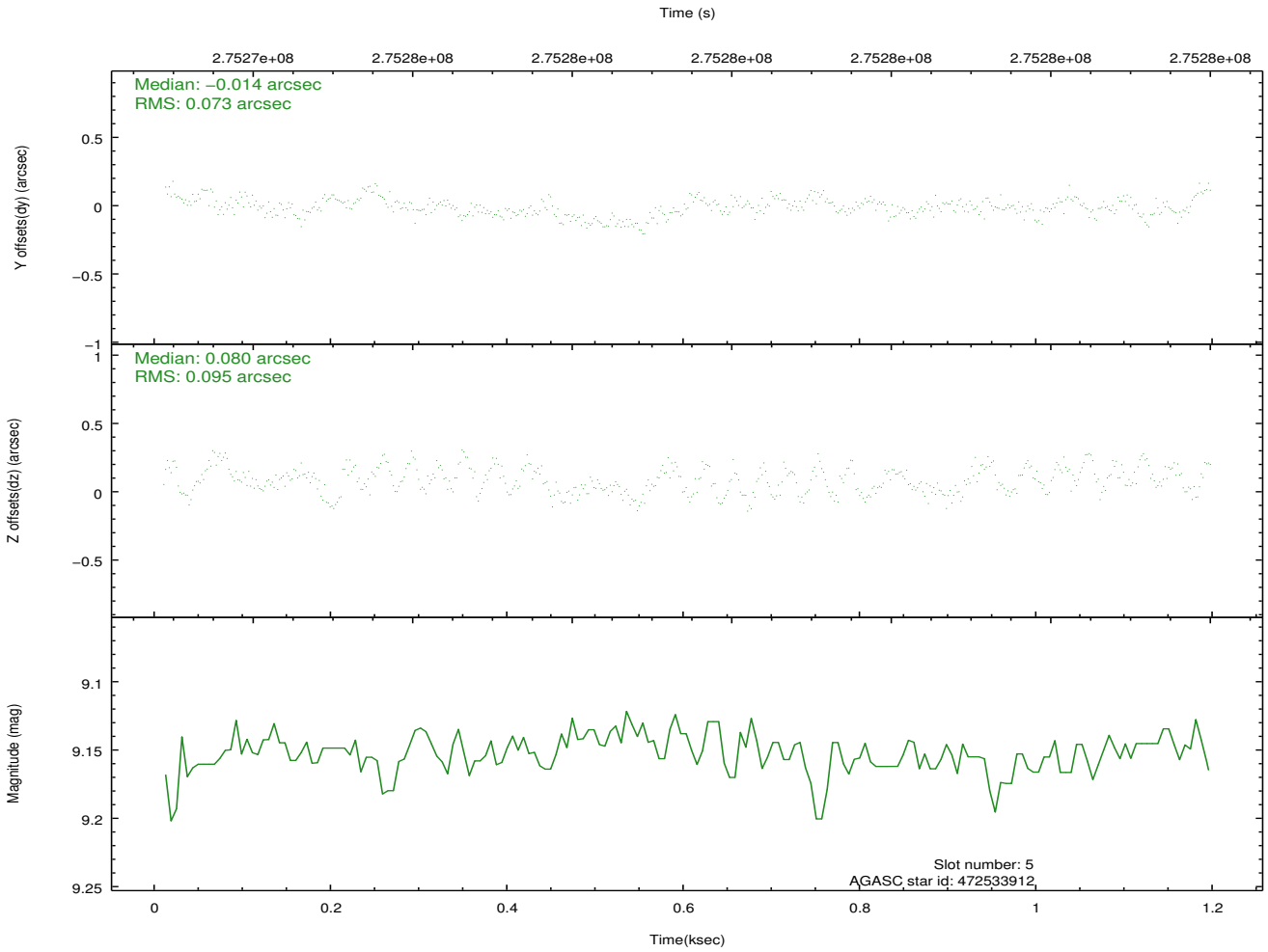
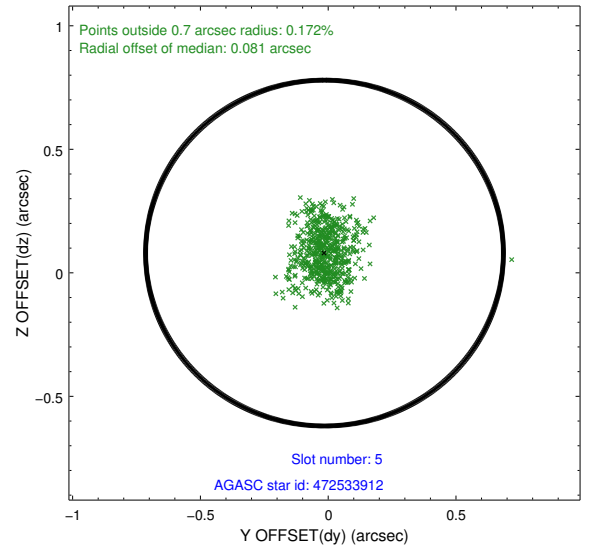
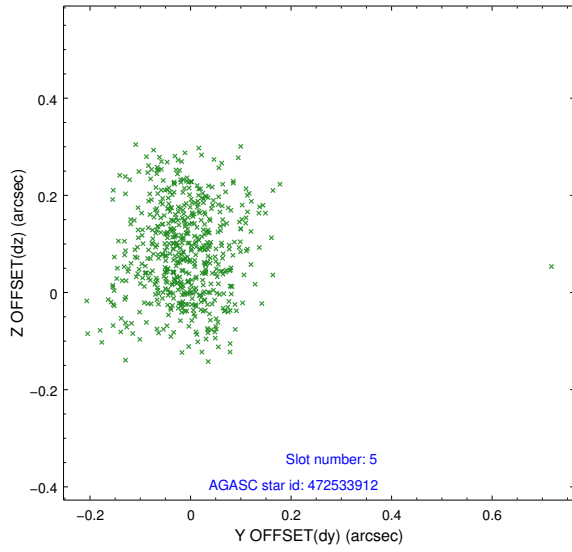
2.4.1 Slot 3



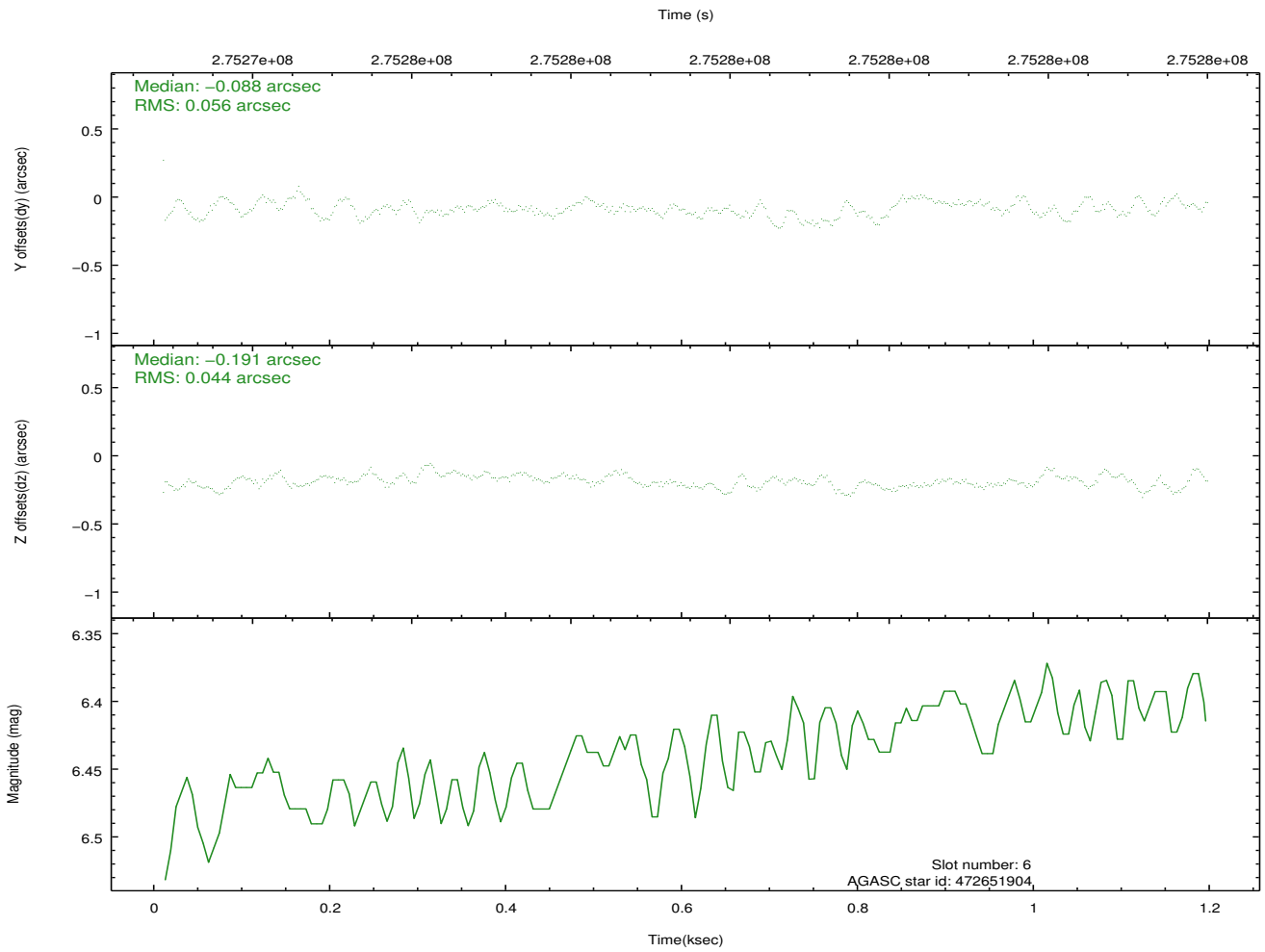
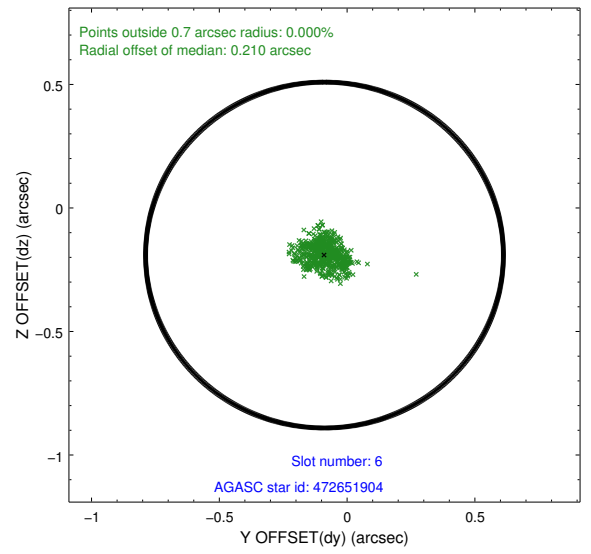
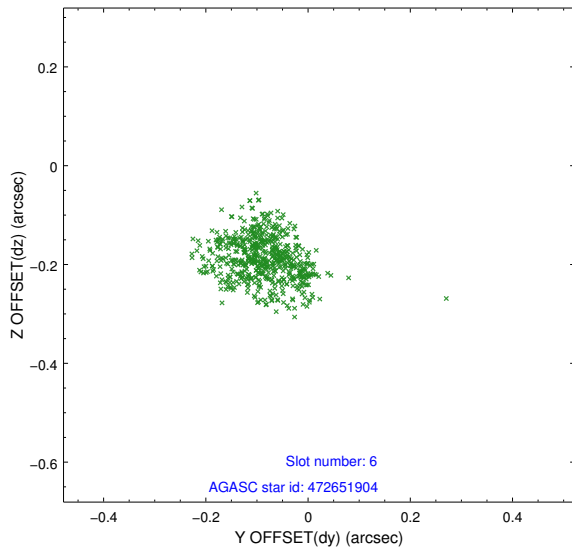
2.4.2 Slot 4



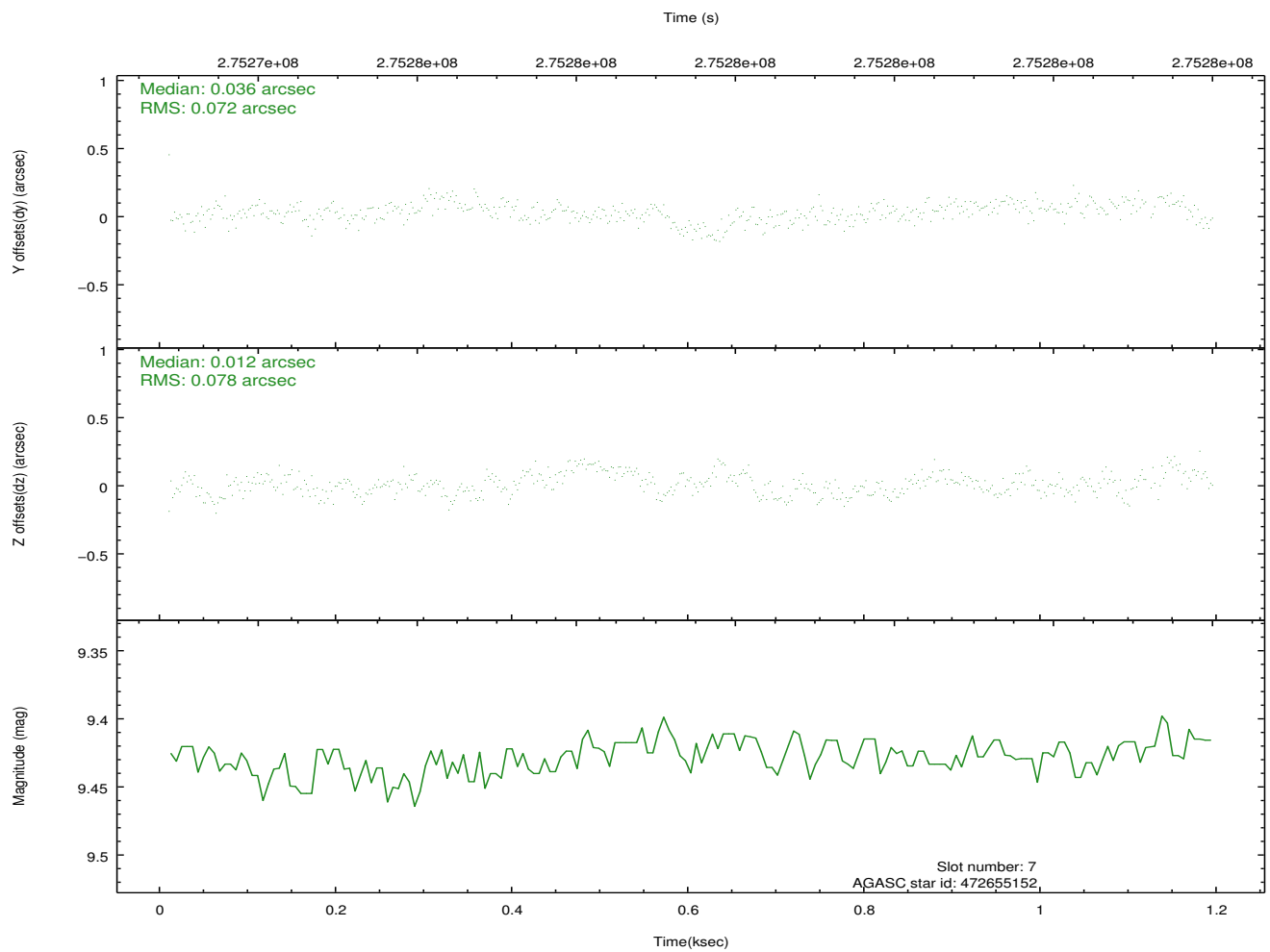
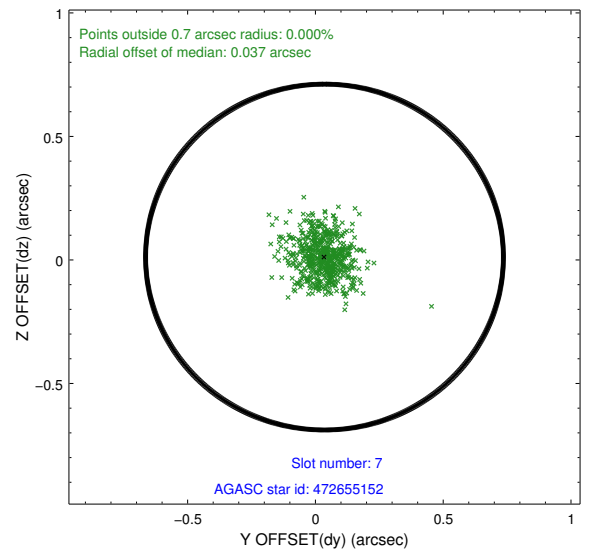
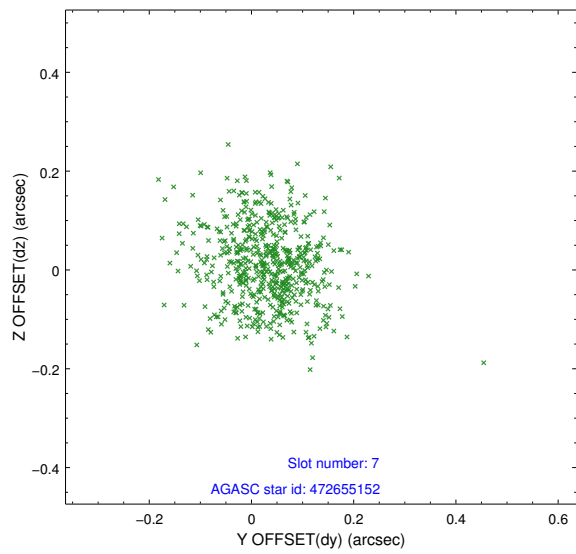
2.4.3 Slot 5



2.4.4 Slot 6

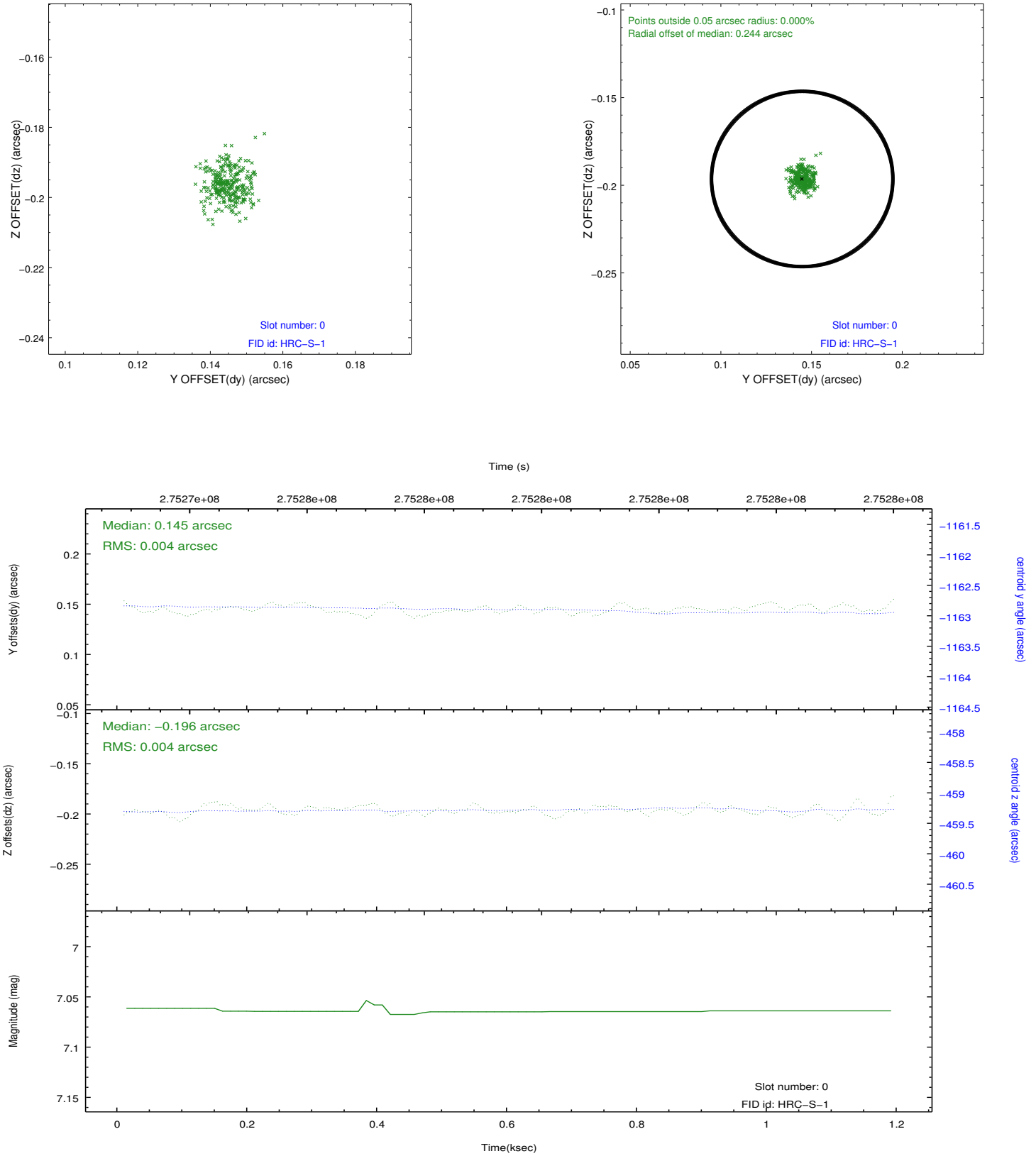


2.4.5 Slot 7

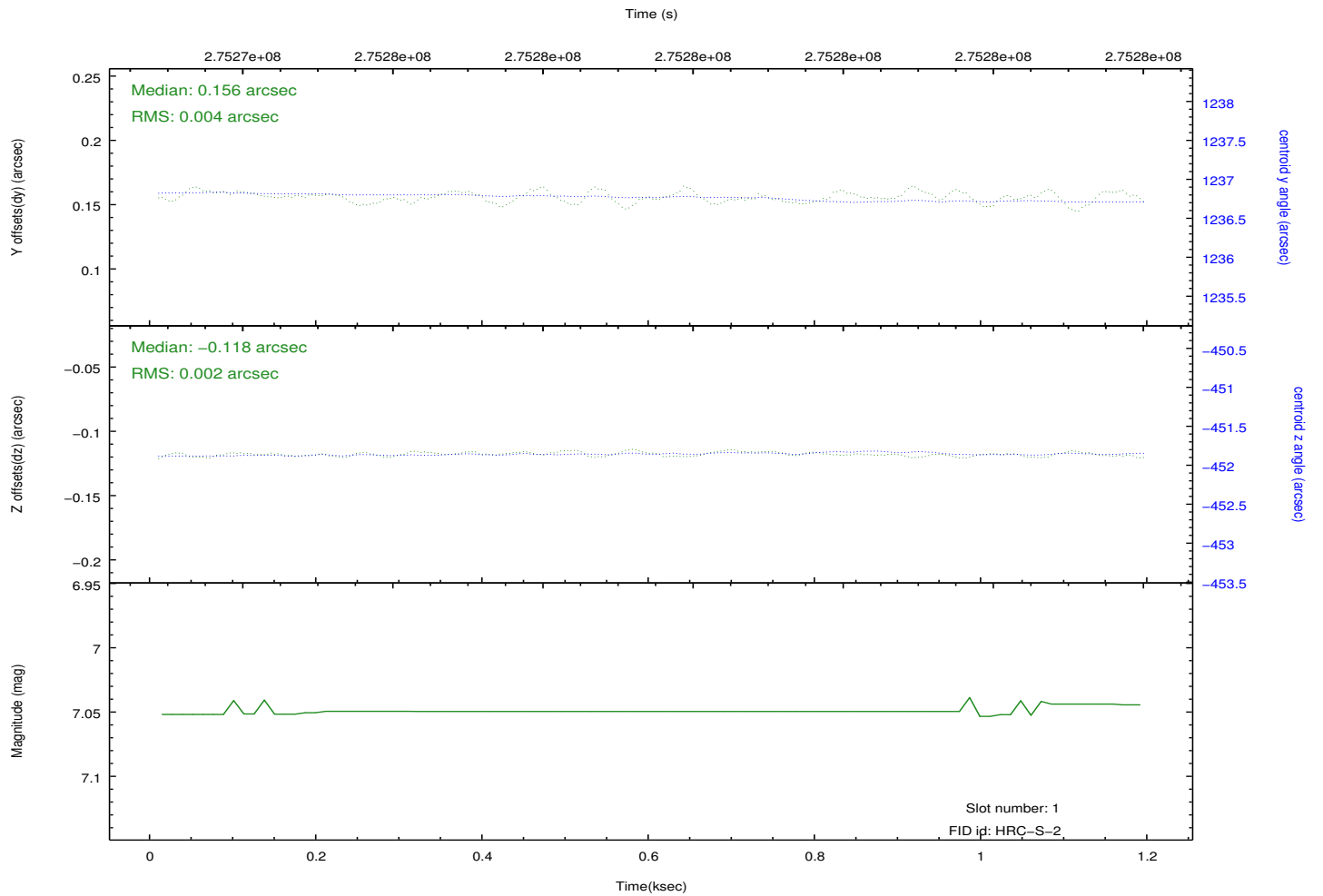
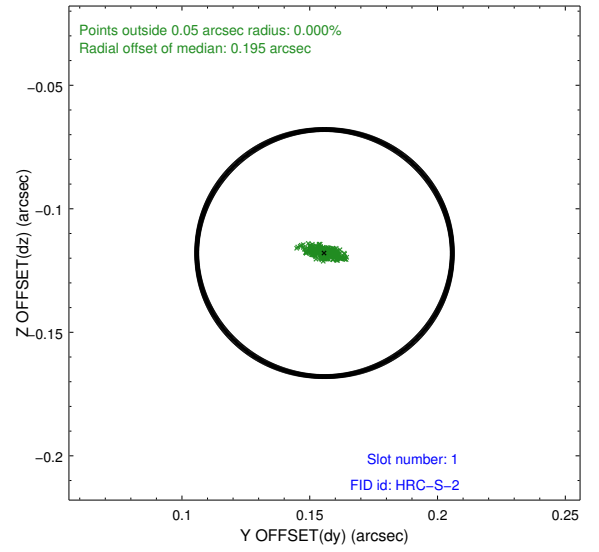
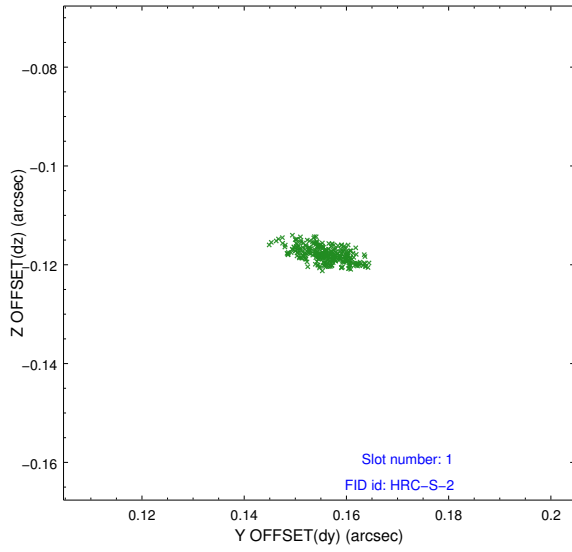


2.5 FID Slots

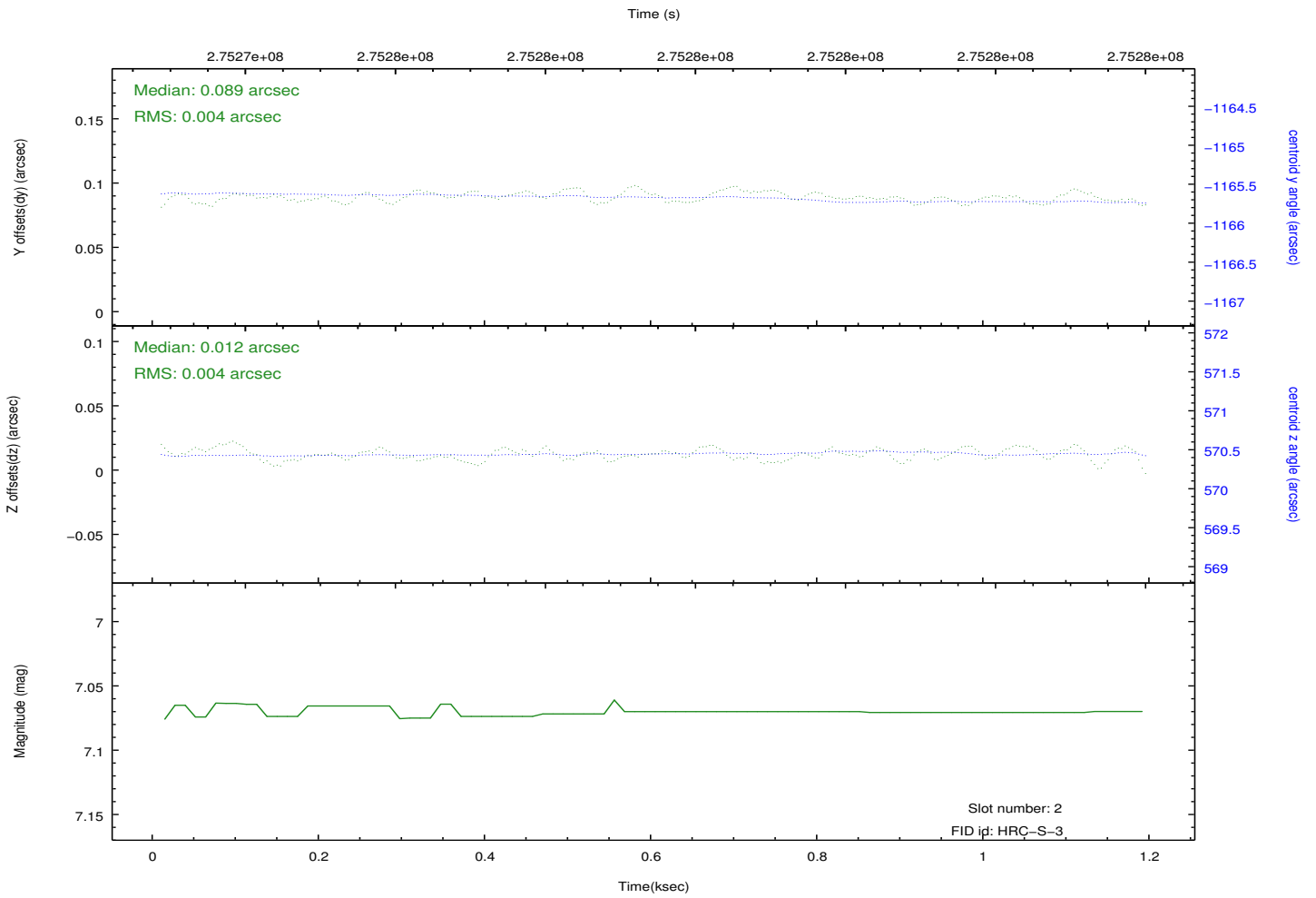
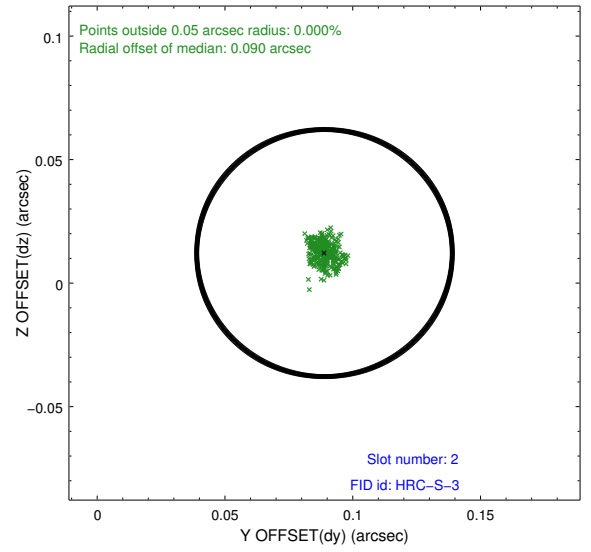
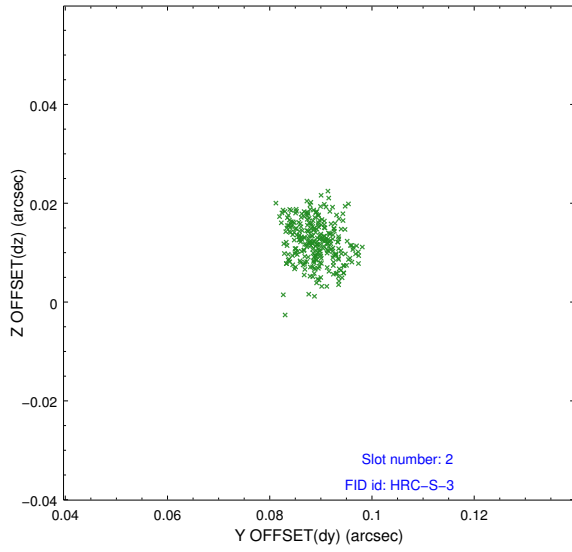
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1574813

A.2 Comments