

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2621 - L2 Version 4
Chandra X-Ray Center

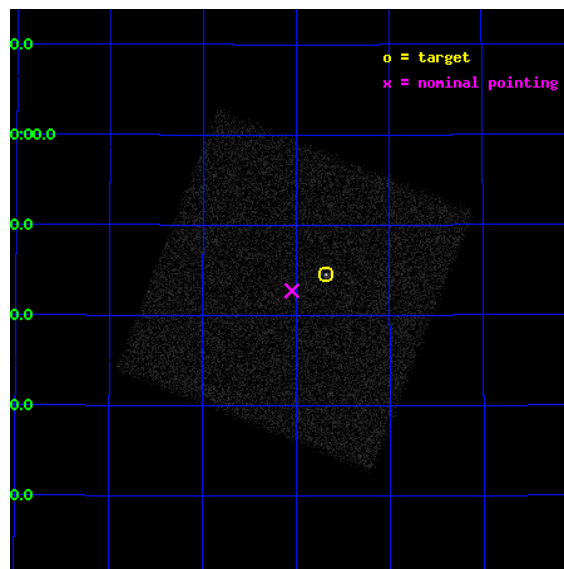
L2 Processing Date : Oct 1 2012

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1 Front

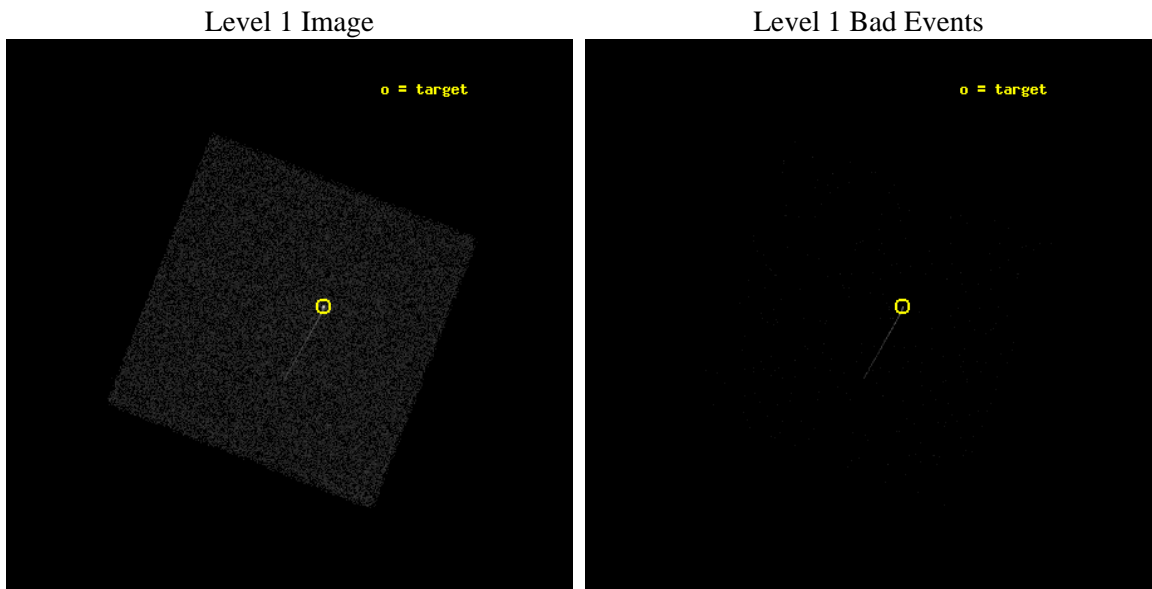
seq_num	290177	Sequence number
obs_id	2621	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2615188678	Nominal RA [deg]
dec_nom	45.712351983982	Nominal Dec [deg]
roll_nom	336.55198144019	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1192.3312980384	[s]
livetime	1185.6513539498	Ontime multiplied by DTCOR
l2events	37491	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1192.3312980384	[s]
caldsver	4.5.2	 	l1events	68046	Number of level 1 events
date	2012-10-01T03:13:33	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

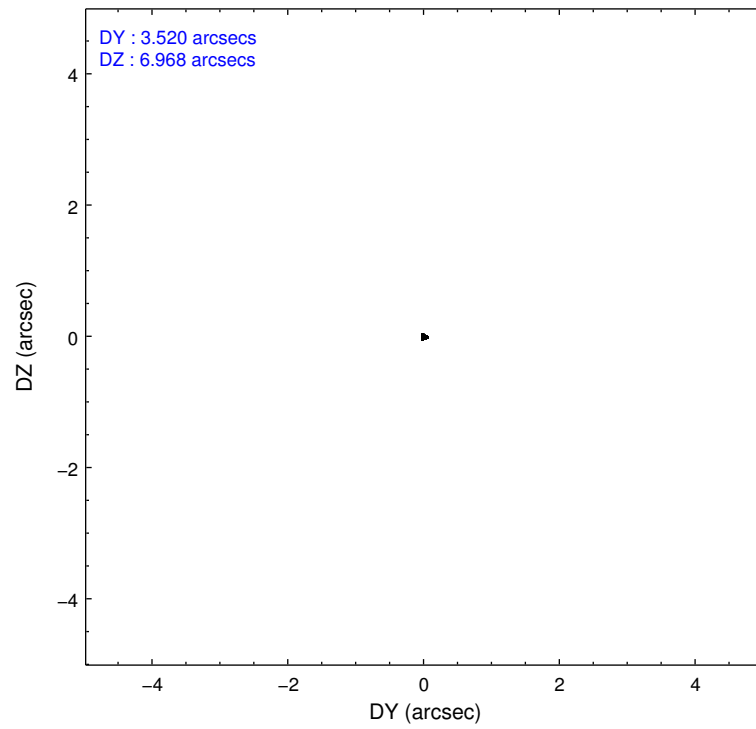
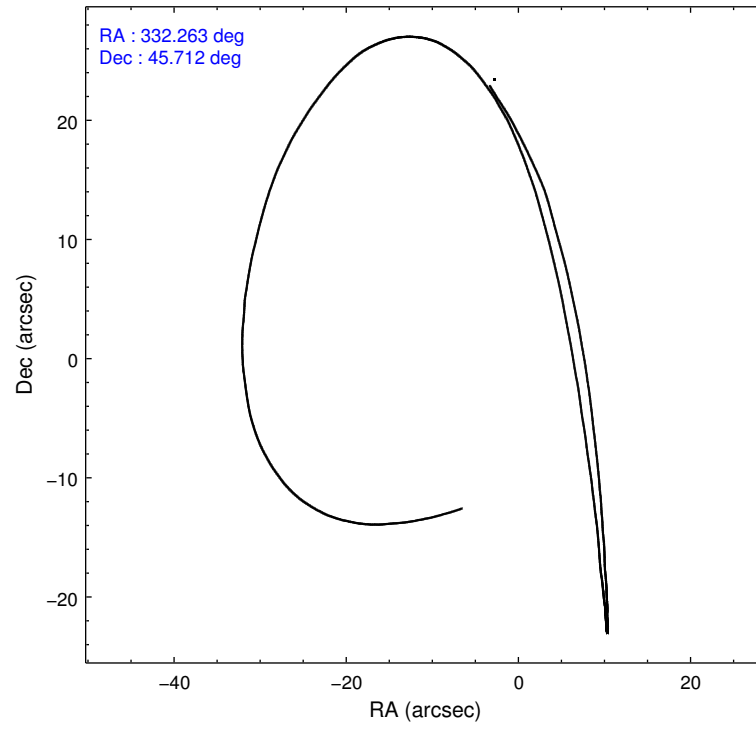
	segment 0
level 1 events	68046
rejected events	13994
rejected %	20%

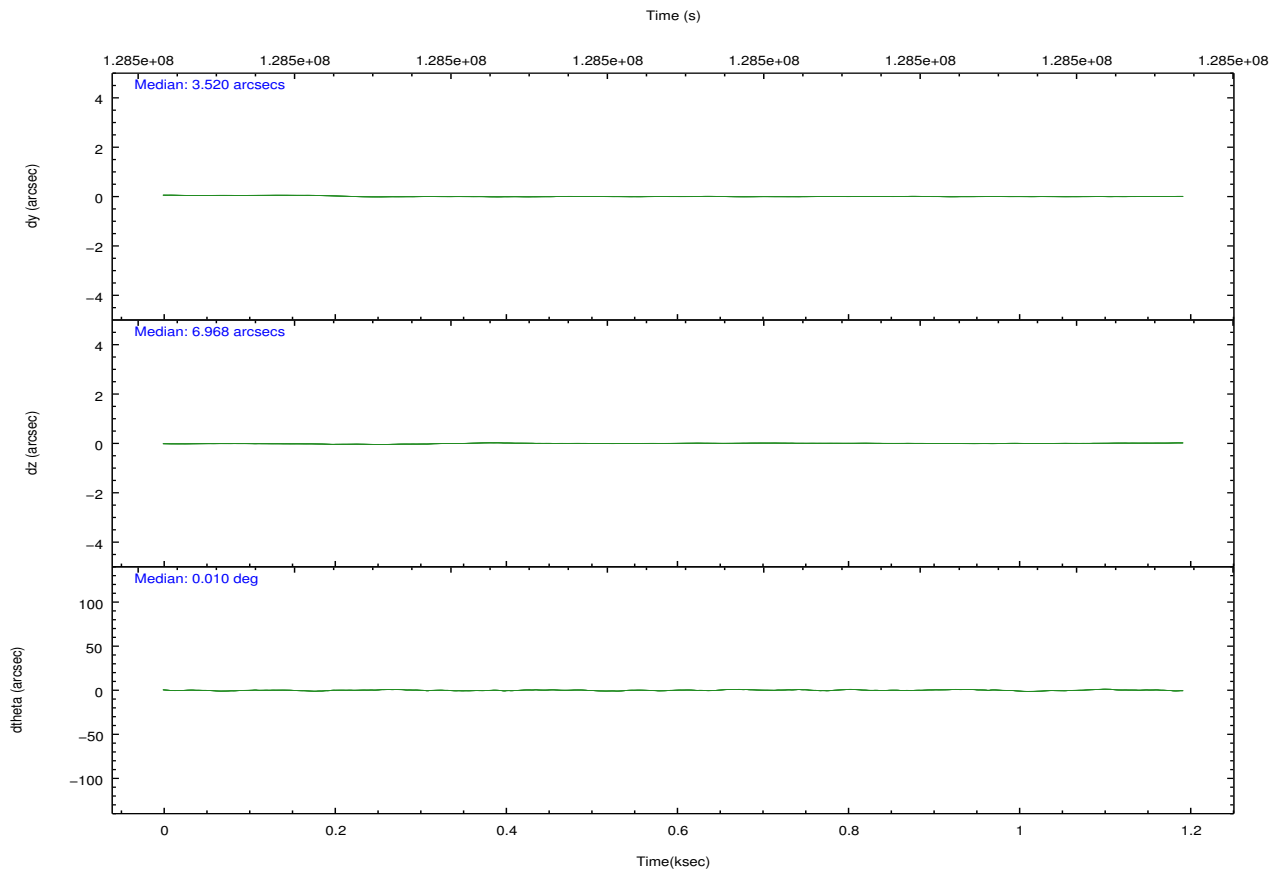
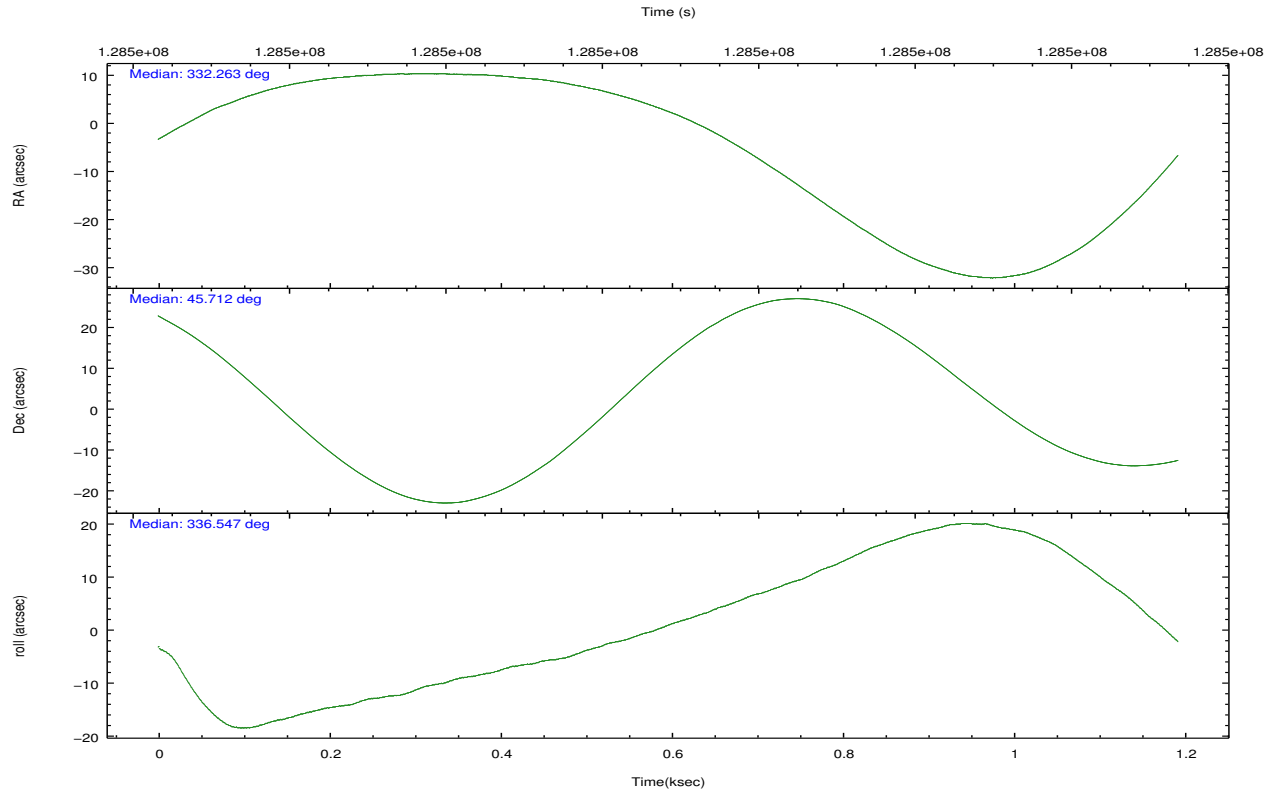
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.223400	332.2615188678004
[deg] Pointing Dec	45.709182	45.71235198398202
[deg] Pointing Roll	336.674720	336.5519814401923
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	128499479.184000	128499103.97811
Observation start date	2002-01-27T06:16:55	2002-01-27T06:11:43
[s] Observation end time (MET)	128500479.184000	128500613.29067
Observation end date	2002-01-27T06:33:35	2002-01-27T06:36:53

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

2.3 Aspect



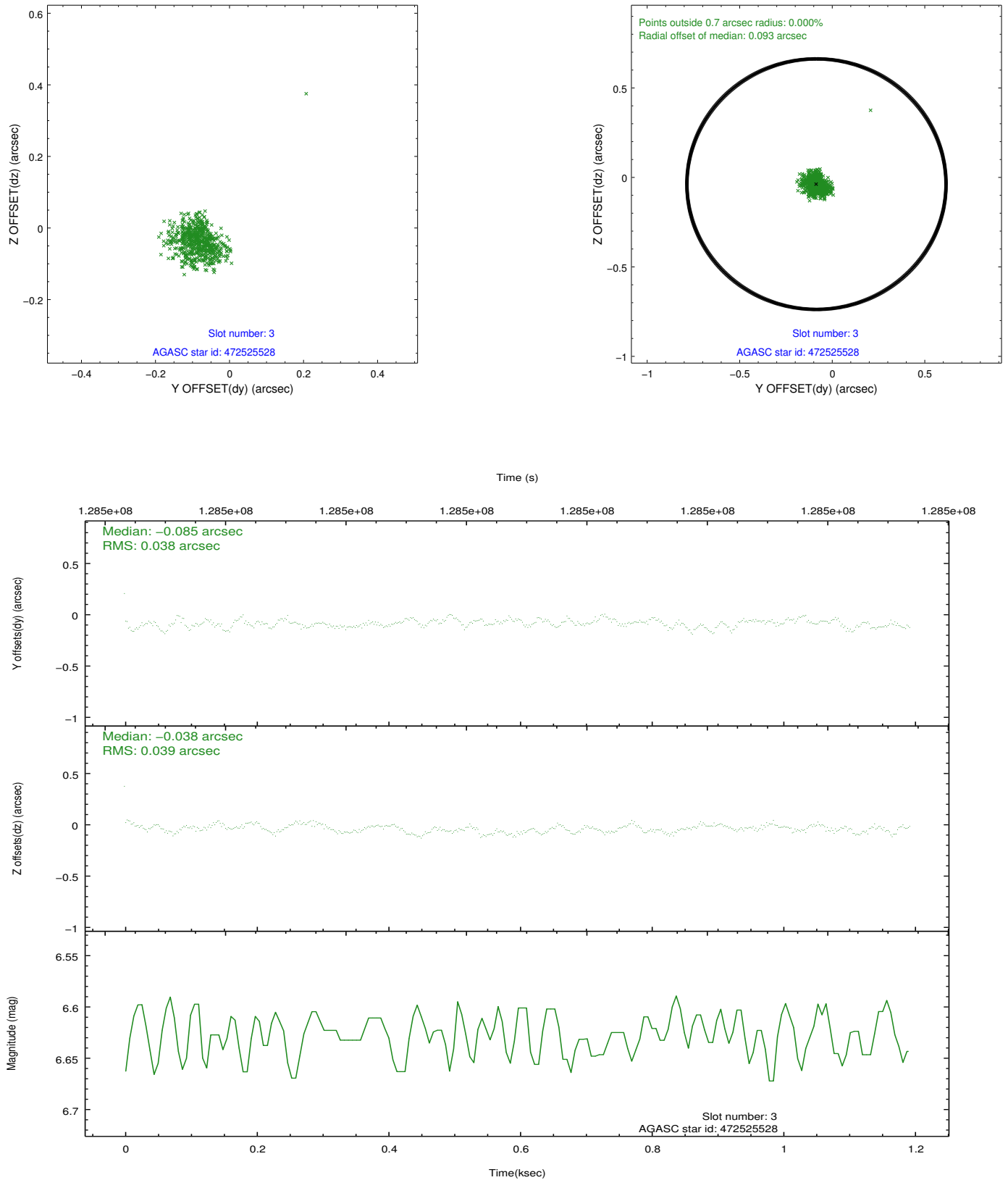


Slot Statistics

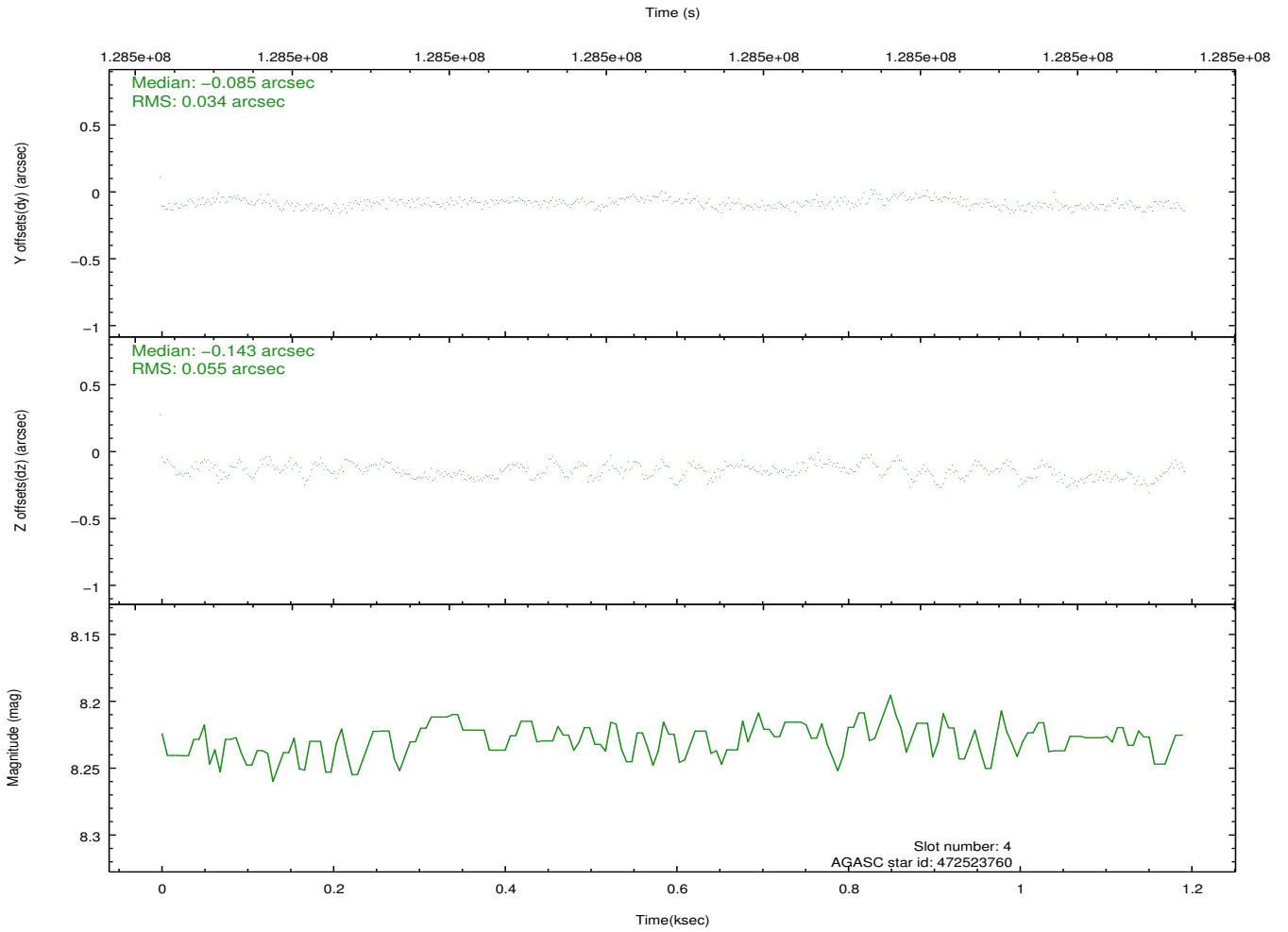
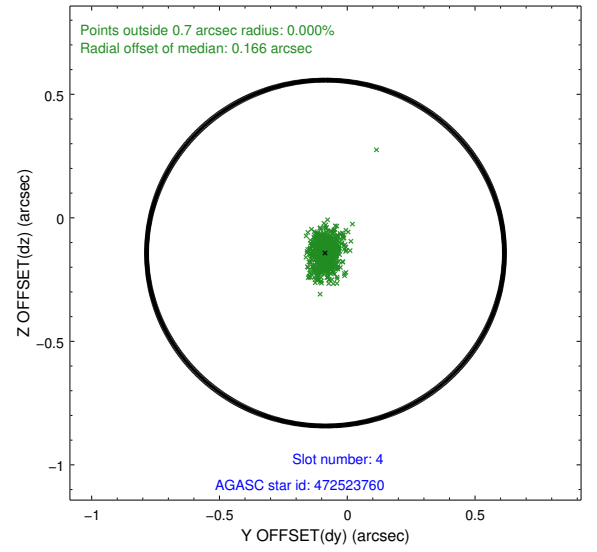
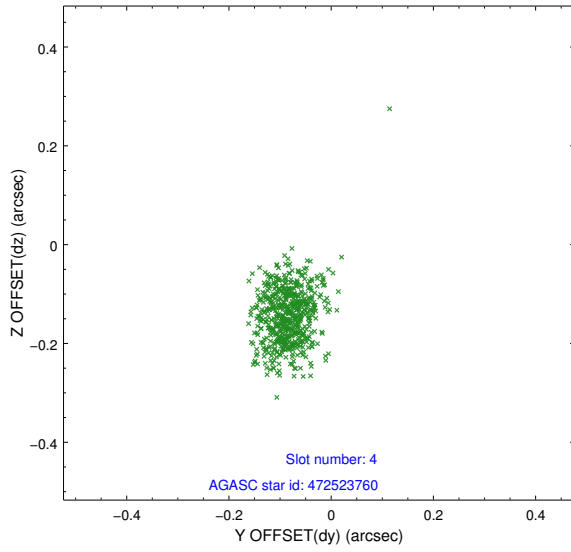
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	291	0.041	0.025	0.005	0.008	0.000000	0.000000	-759.00	-1294.82
1	FID	HRC-I-2	7.00	291	0.091	-0.025	0.007	0.012	0.000000	0.000000	851.07	-1300.92
2	FID	HRC-I-4	6.99	291	-0.015	-0.092	0.005	0.008	0.000000	0.000000	1286.71	1002.72
3	GUIDE	472525528	6.63	583	-0.085	-0.038	0.055	0.084	331.551102	45.248694	-910.69	-2189.03
4	GUIDE	472523760	8.23	583	-0.085	-0.143	0.066	0.110	331.645363	45.403260	-908.83	-1587.49
5	GUIDE	472659832	9.46	582	-0.044	0.089	0.103	0.160	332.780399	46.098139	719.11	1839.73
6	GUIDE	472655152	9.43	583	0.034	0.071	0.085	0.154	332.504239	45.862991	428.37	793.11
7	GUIDE	472646552	9.65	580	0.173	0.049	0.117	0.181	333.120915	45.571877	2268.88	456.34

2.4 Star Slots

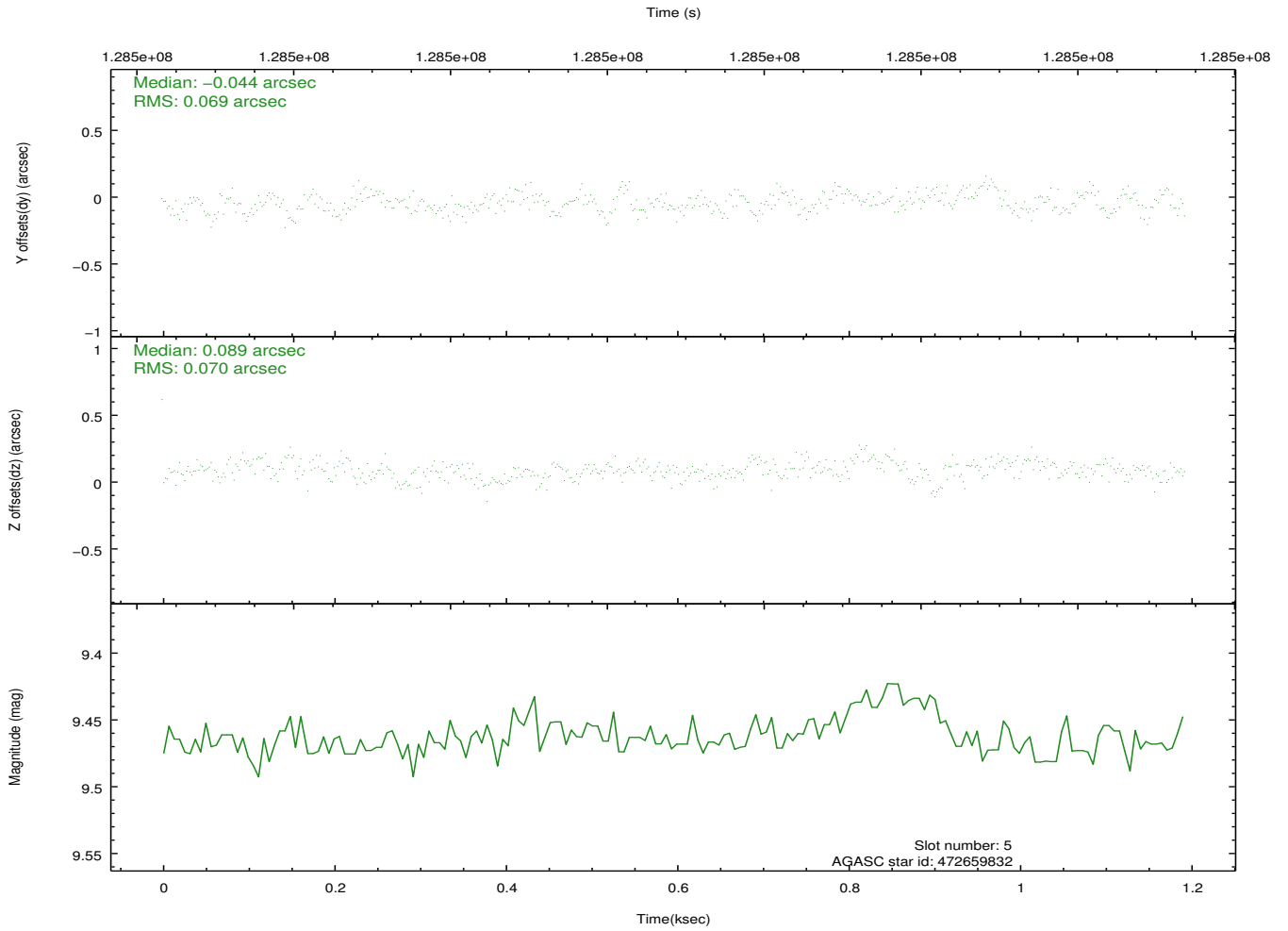
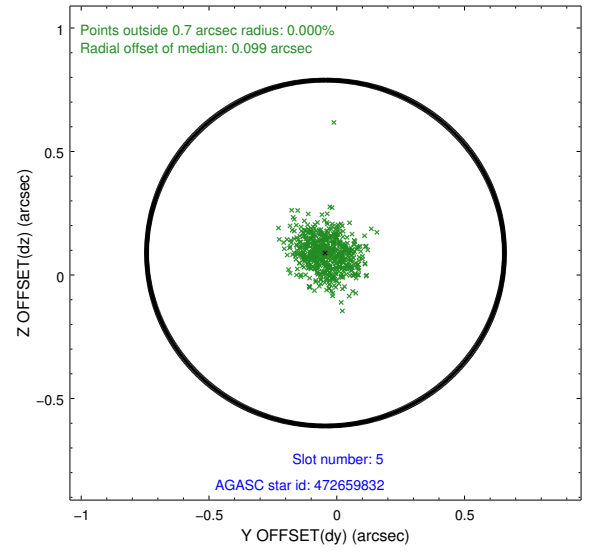
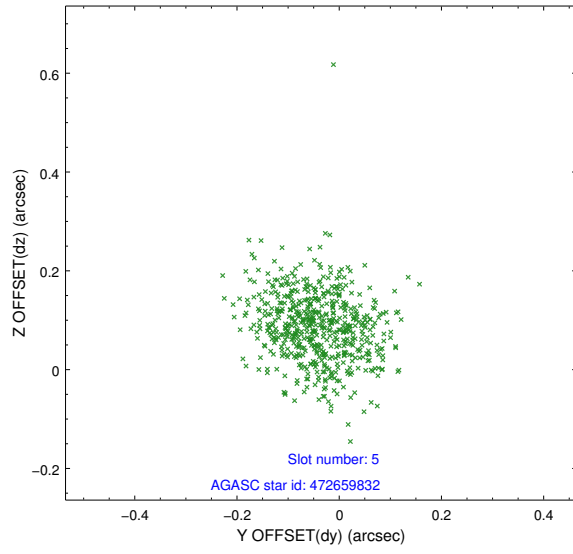
2.4.1 Slot 3



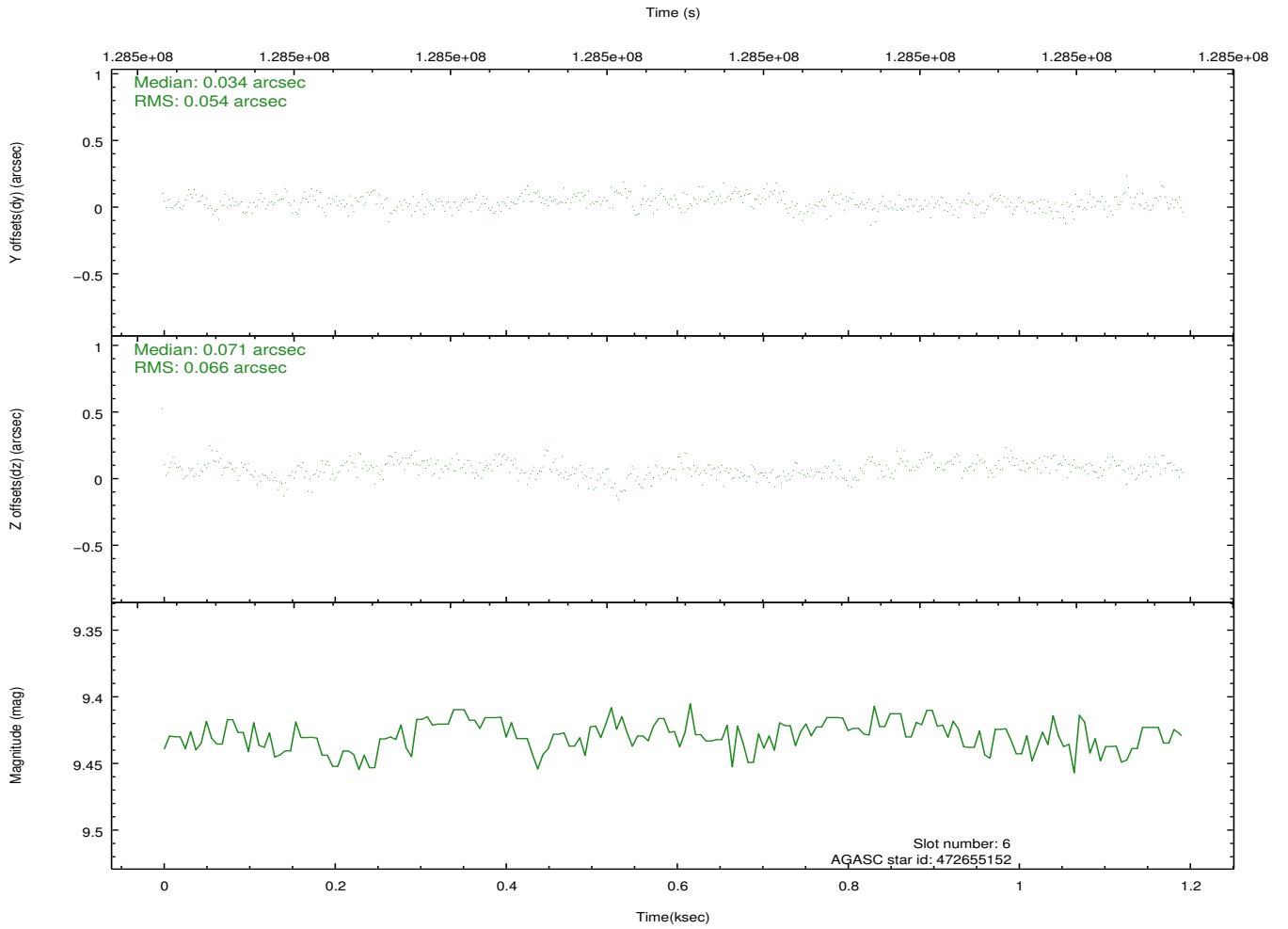
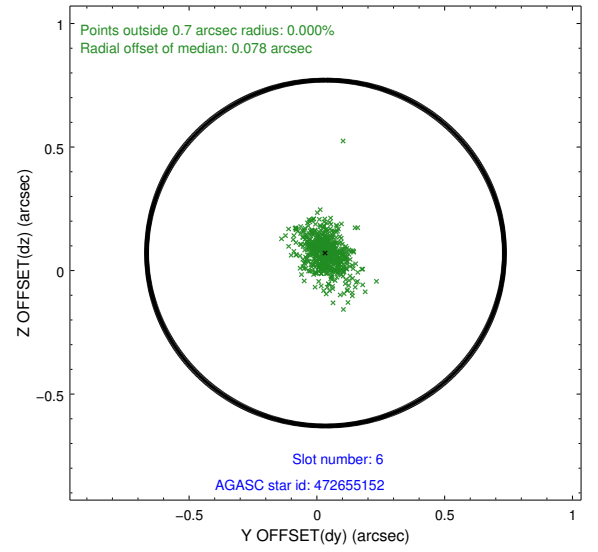
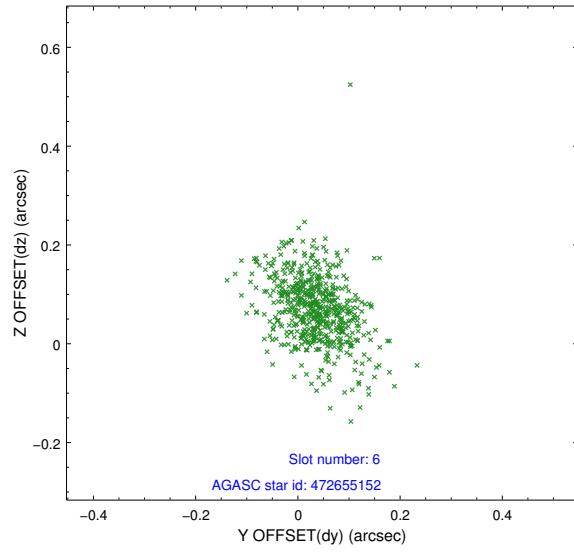
2.4.2 Slot 4



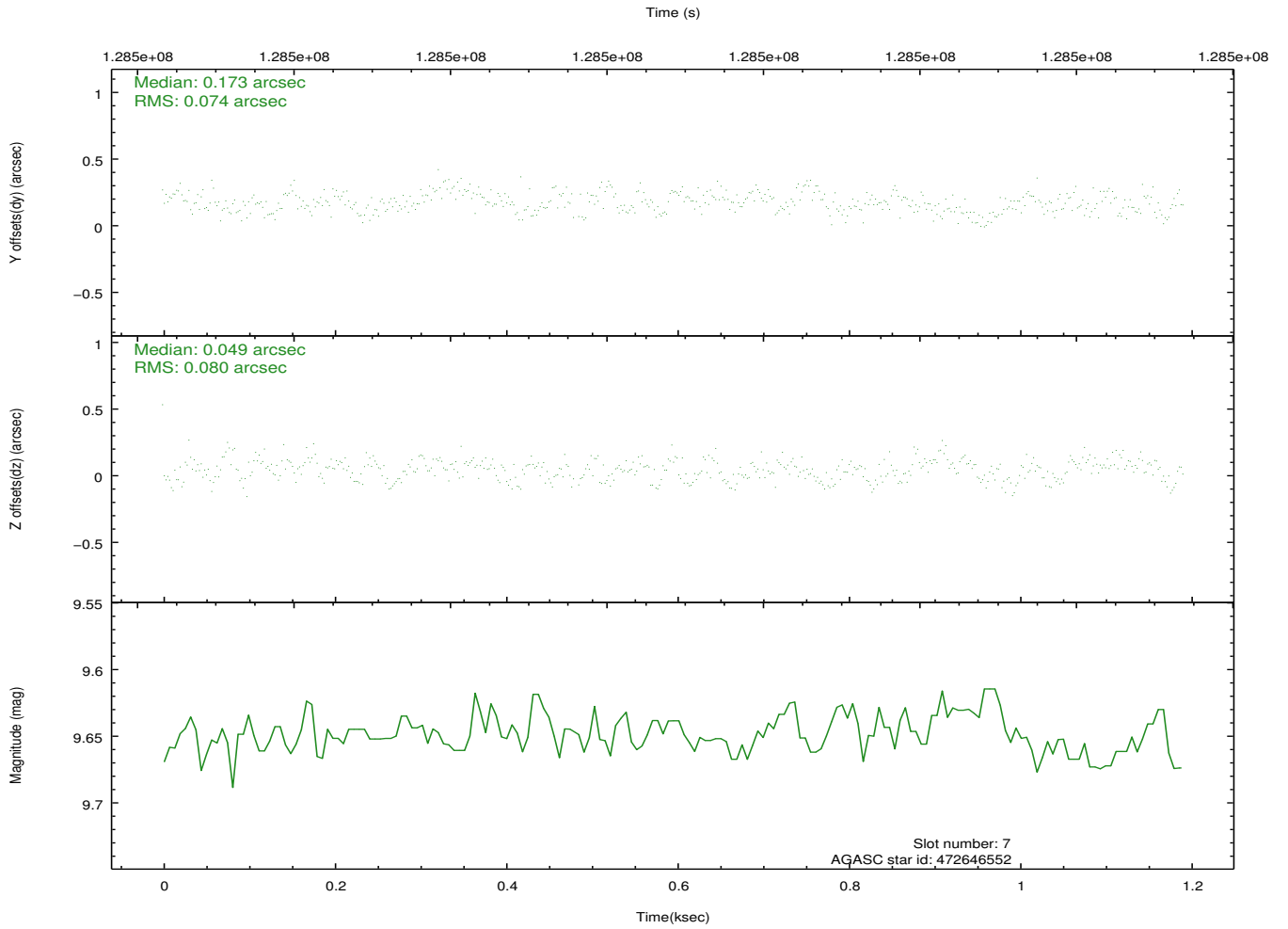
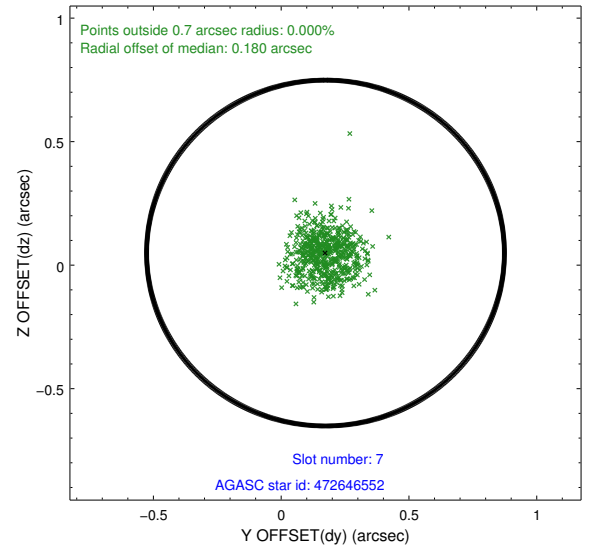
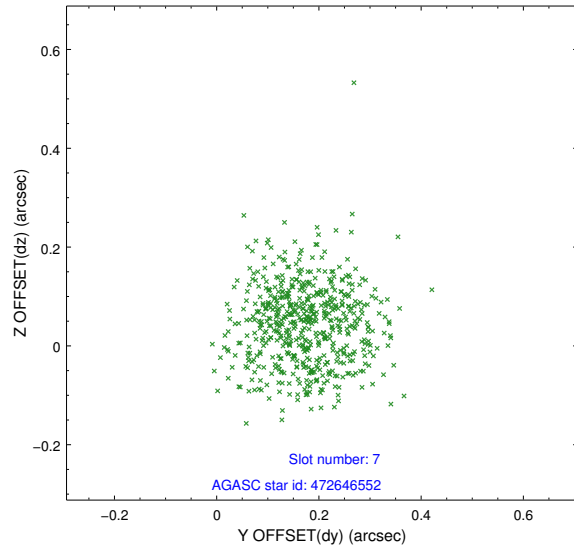
2.4.3 Slot 5



2.4.4 Slot 6

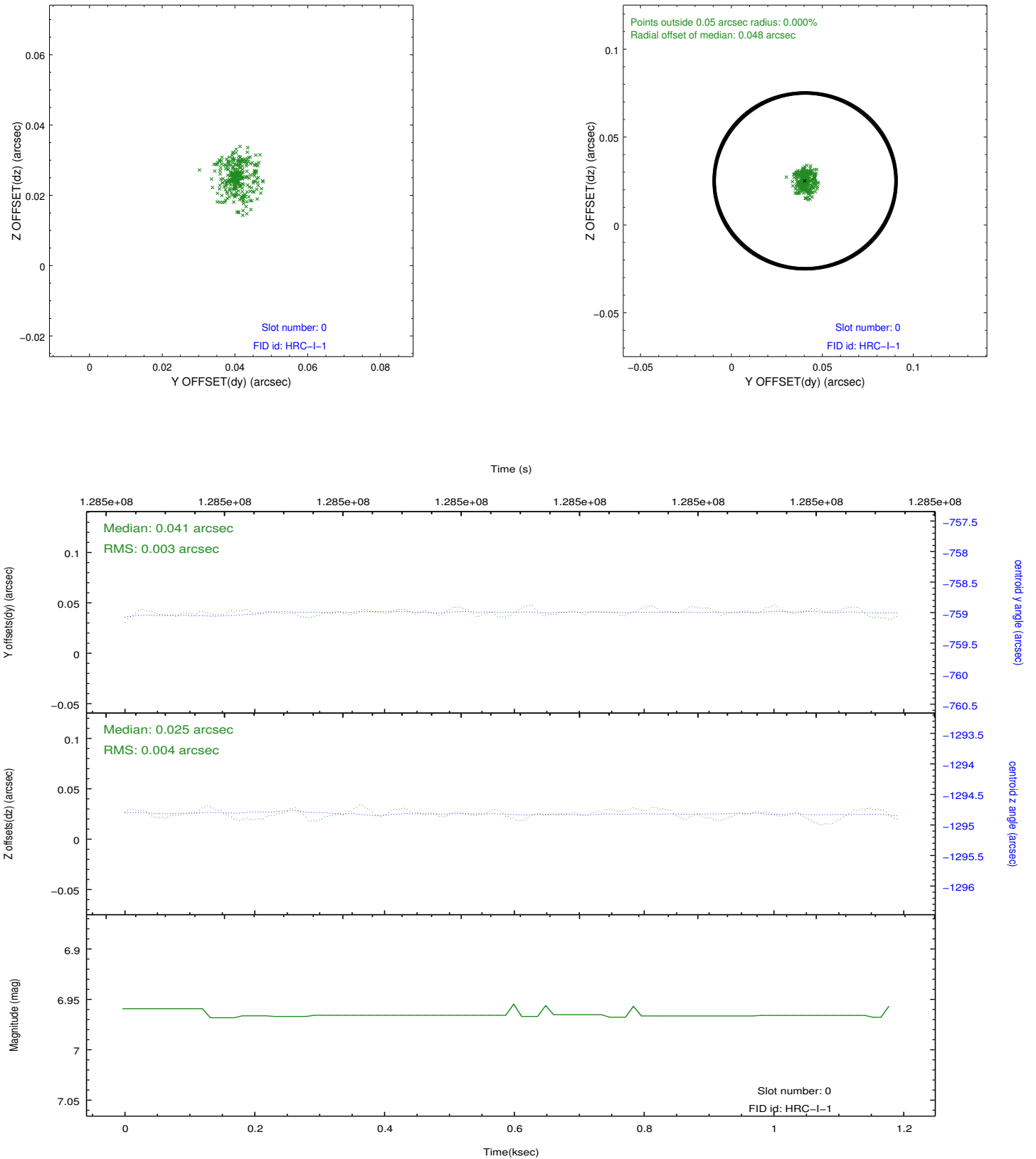


2.4.5 Slot 7

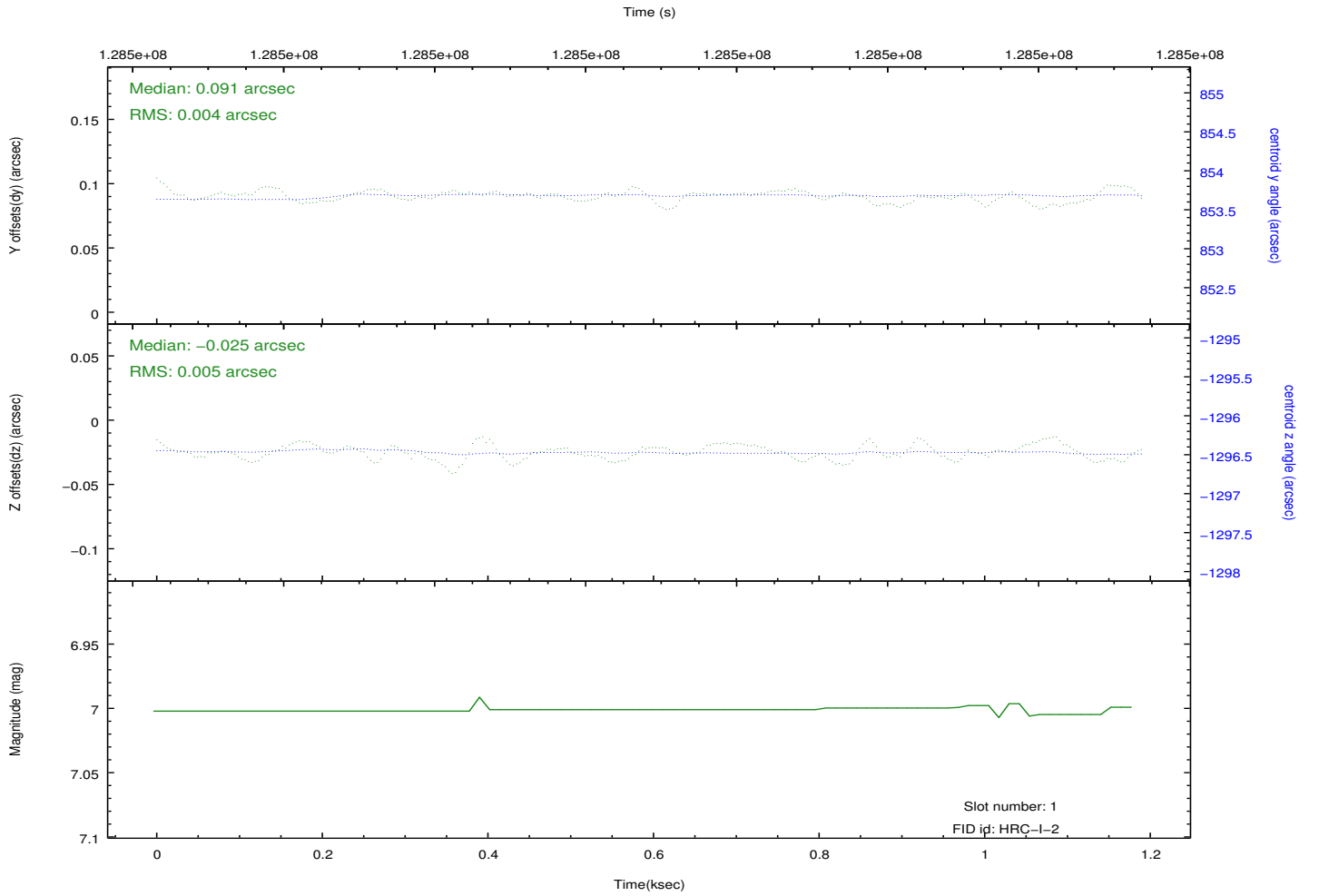
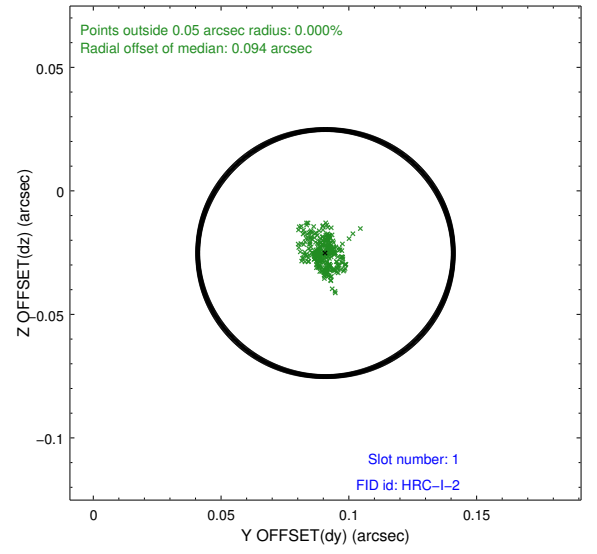
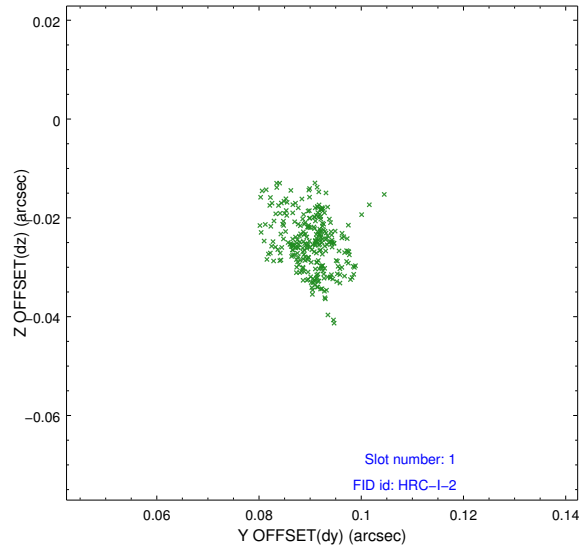


2.5 FID Slots

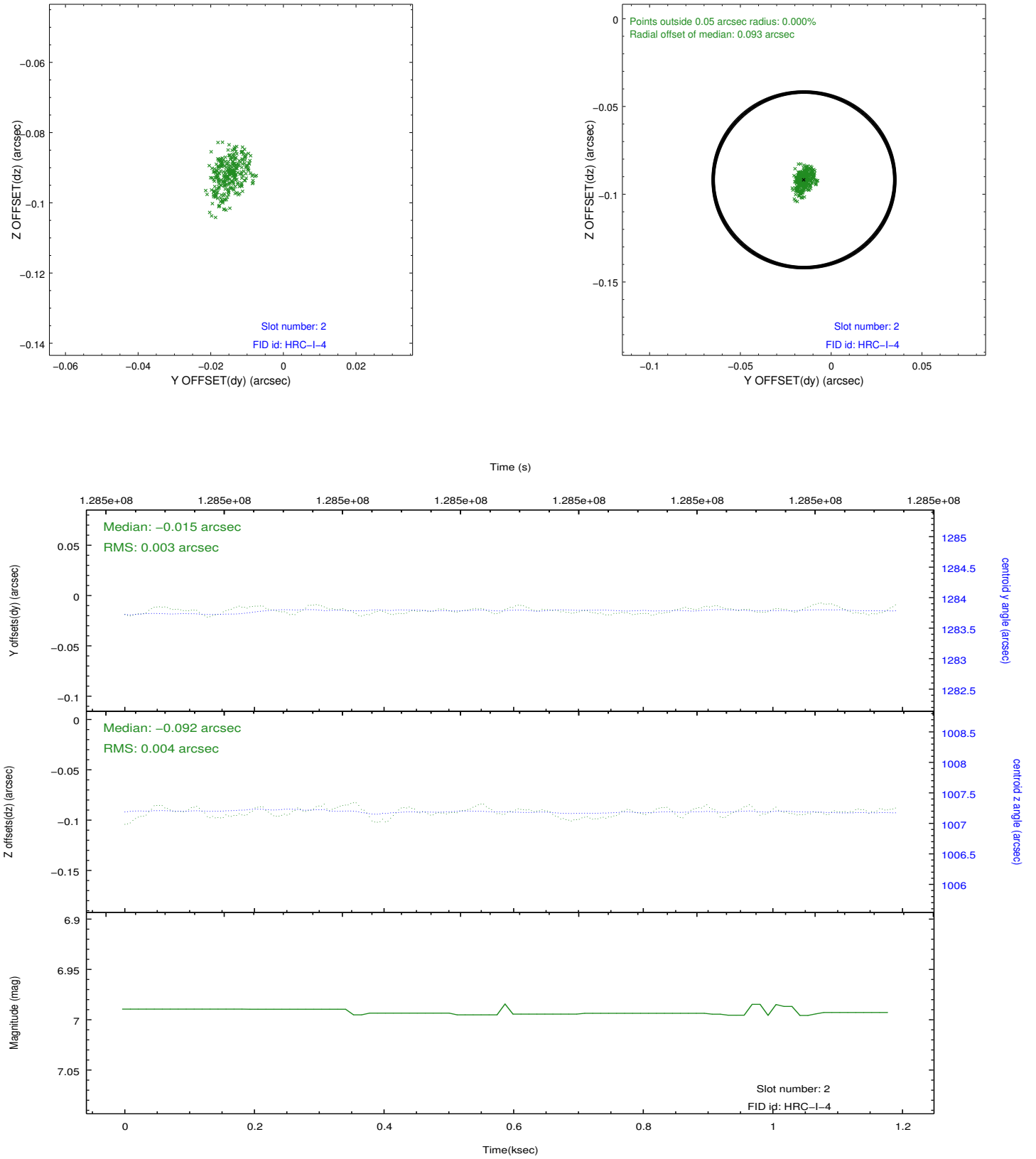
2.5.1 Slot 0



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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

A.2 Comments