

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10581 - L2 Version 3
Chandra X-Ray Center

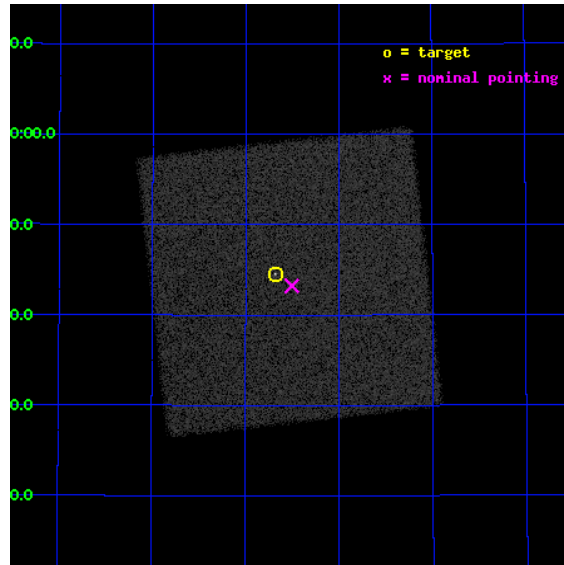
L2 Processing Date : Aug 13 2012

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1 Front

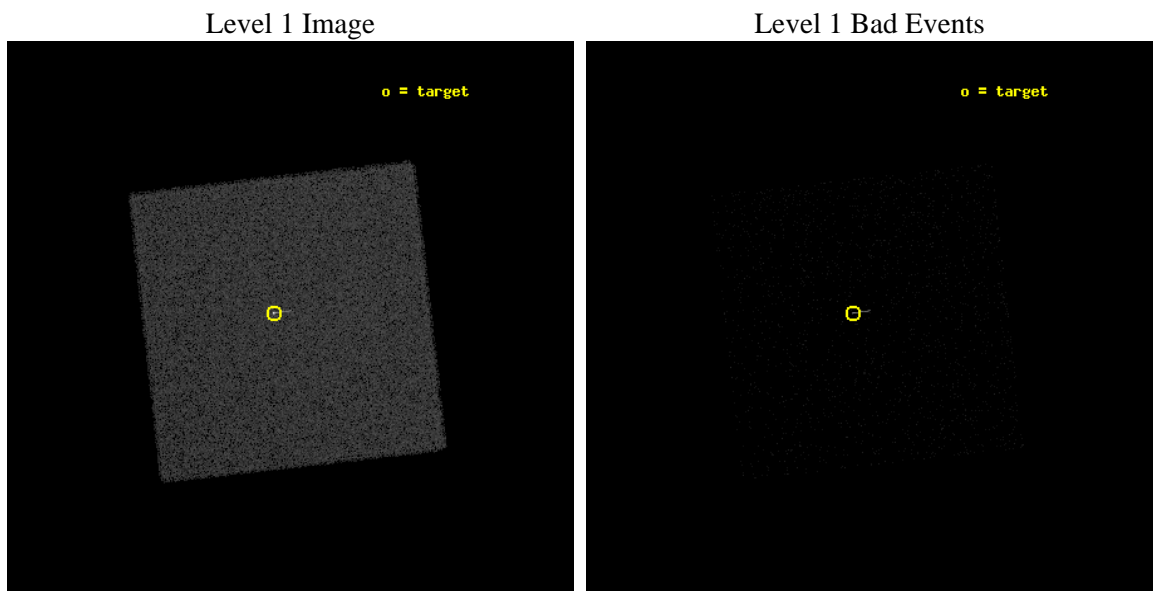
seq_num	290817	Sequence number
obs_id	10581	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12587861342	Nominal RA [deg]
dec_nom	45.720818579177	Nominal Dec [deg]
roll_nom	218.53360143534	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1190.2813098431	[s]
livetime	1175.3182532354	Ontime multiplied by DTCOR
l2events	95764	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	1190.2813098431	[s]
caldbver	4.5.1.1	 	l1events	173877	Number of level 1 events
date	2012-08-13T13:24:06	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

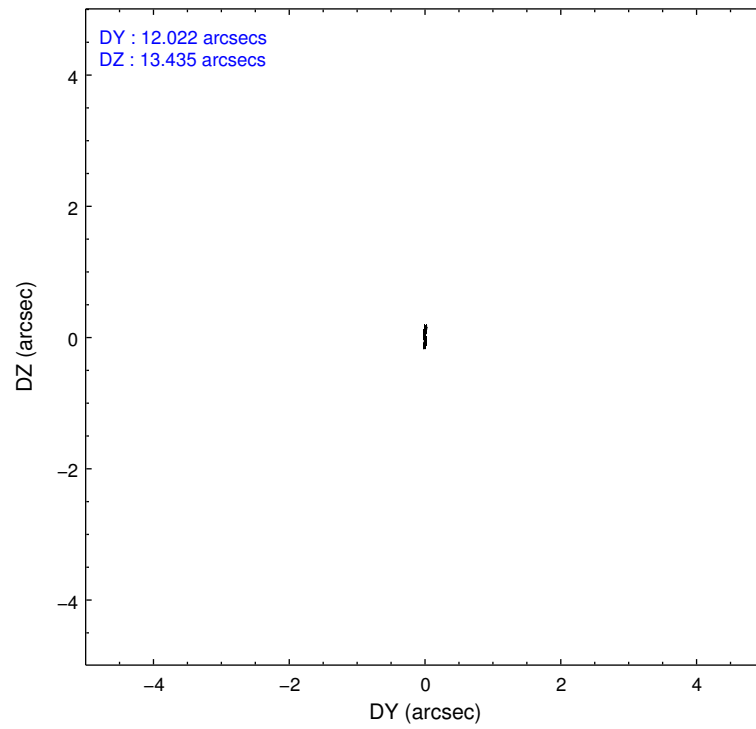
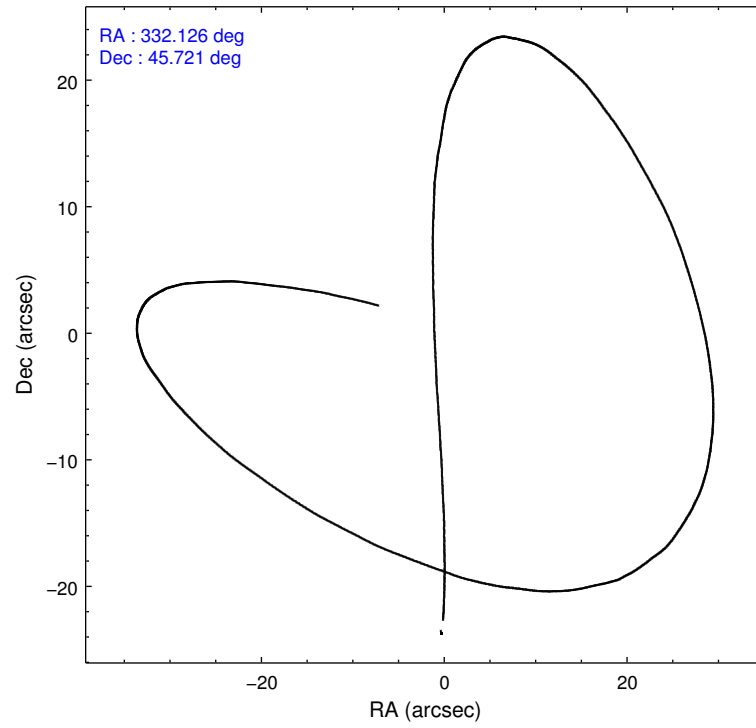
	segment 0
level 1 events	173877
rejected events	36688
rejected %	21%

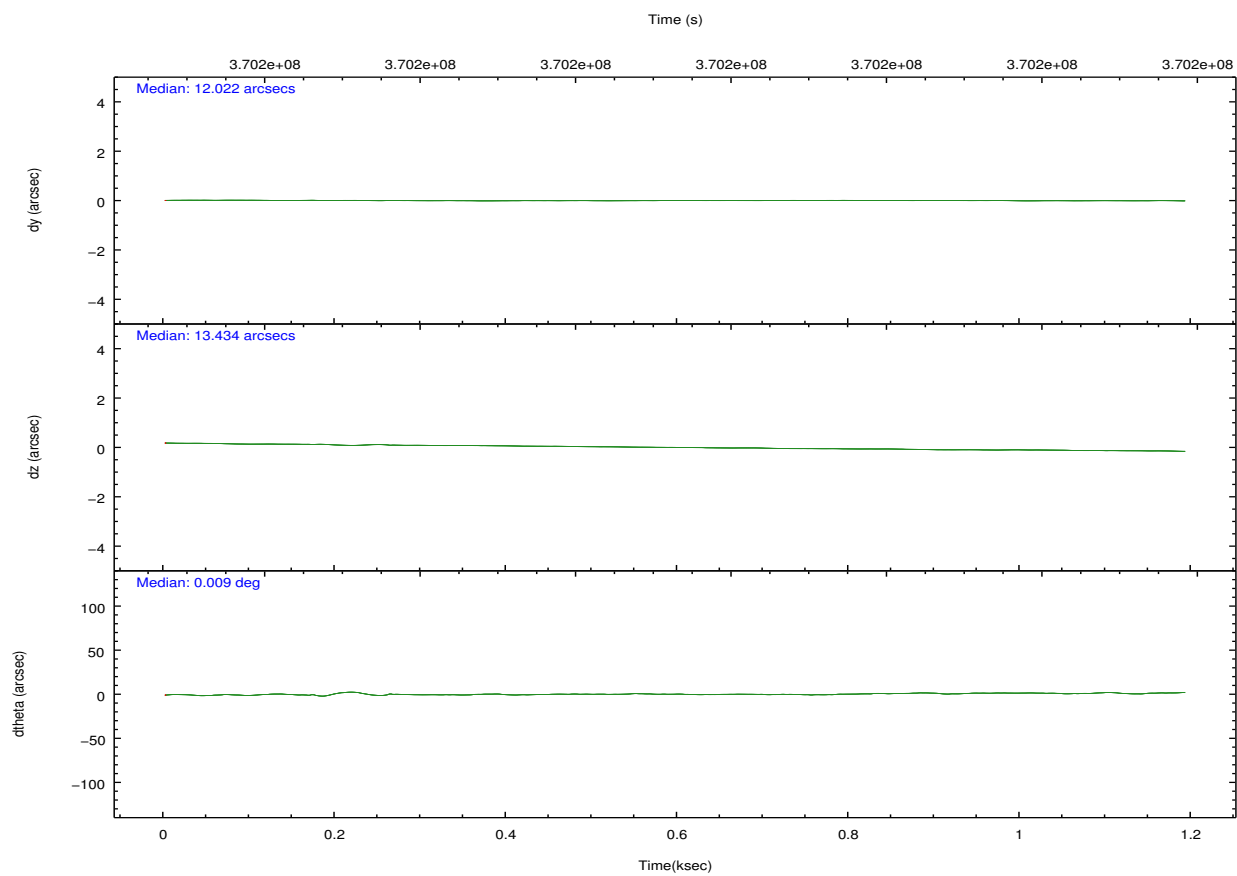
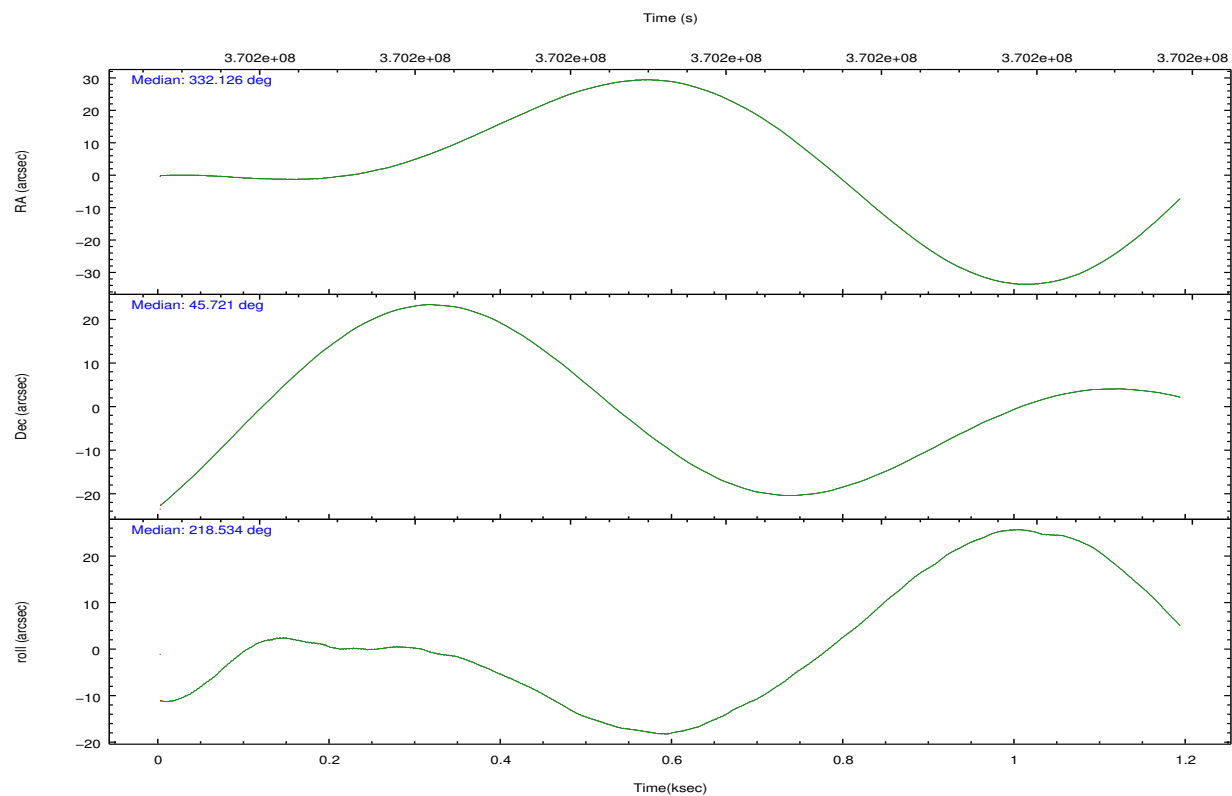
2.2 Compared Parameters

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	332.140310	332.125878613415
[deg] Pointing Dec	45.745813	45.72081857917666
[deg] Pointing Roll	218.618755	218.5336014353396
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9804656746847
[mm] SIM translation stage offset	0	0.005023216916882234
[s] Observation start time (MET)	370203329.184000	370202952.88383
Observation start date	2009-09-24T18:14:23	2009-09-24T18:09:12
[s] Observation end time (MET)	370204329.184000	370204463.73391
Observation end date	2009-09-24T18:31:03	2009-09-24T18:34:23

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

2.3 Aspect



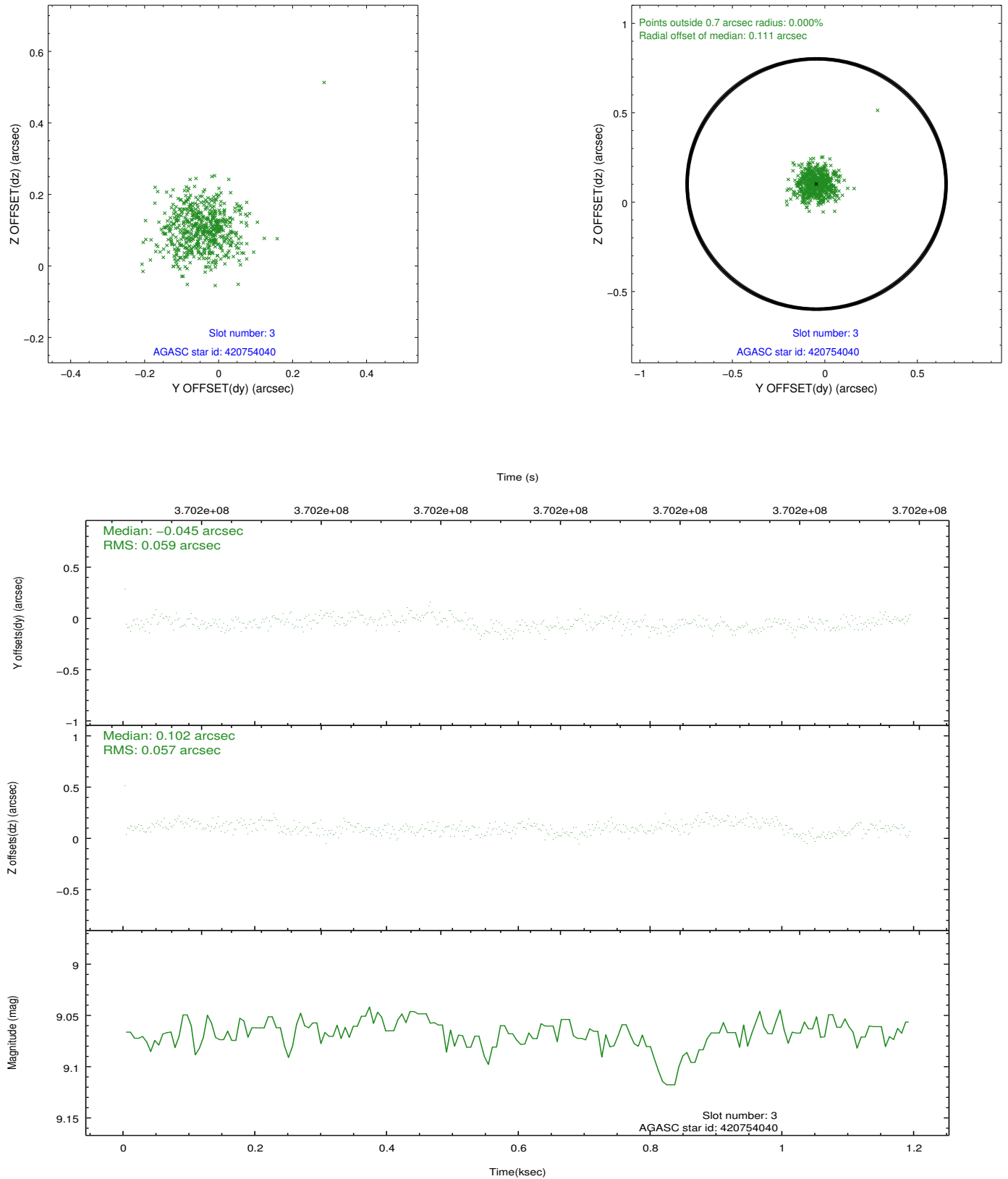


Slot Statistics

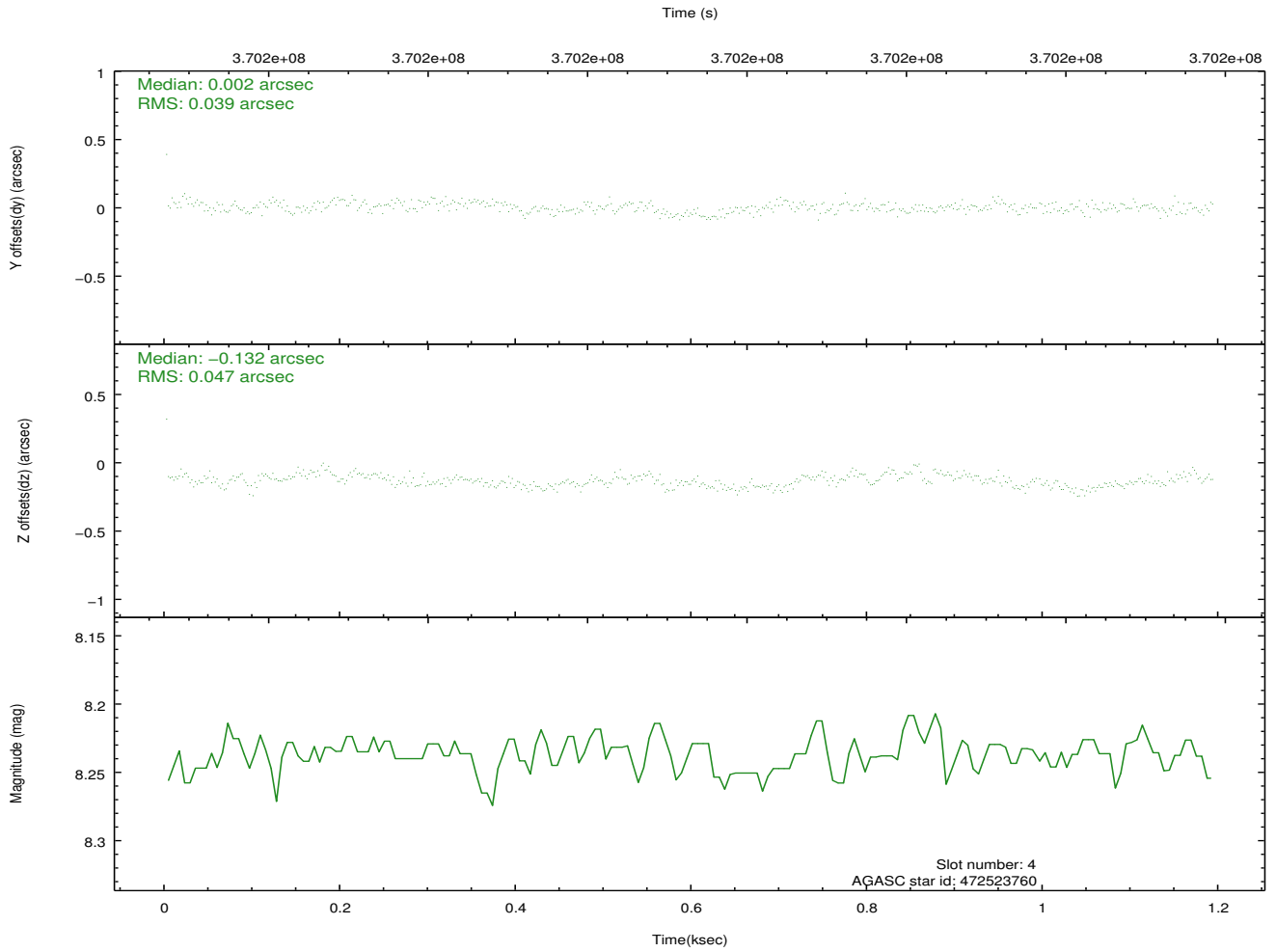
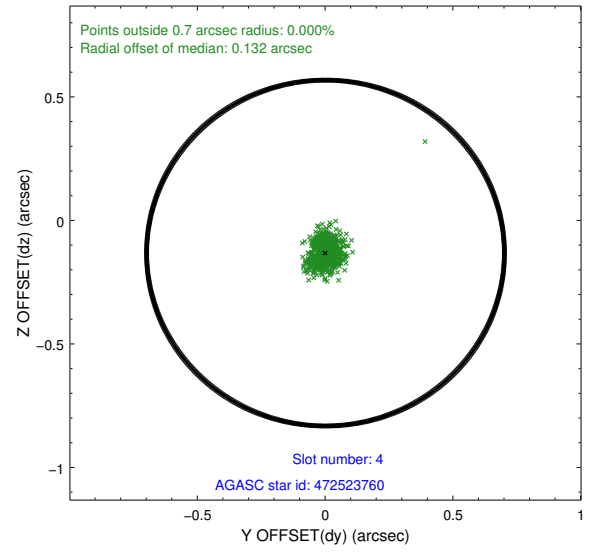
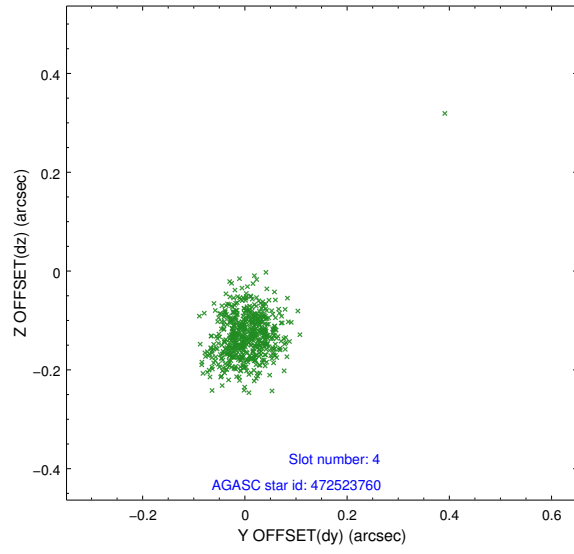
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	291	0.117	-0.116	0.007	0.015	0.000000	0.000000	845.00	-1303.11
1	FID	HRC-I-3	7.07	291	-0.142	0.059	0.008	0.018	0.000000	0.000000	-1193.46	998.73
2	FID	HRC-I-4	7.00	291	0.144	-0.029	0.007	0.009	0.000000	0.000000	1271.10	1004.15
3	GUIDE	420754040	9.07	581	-0.045	0.102	0.086	0.139	331.917939	44.882543	2380.96	2077.43
4	GUIDE	472523760	8.24	581	0.002	-0.132	0.060	0.096	331.645363	45.403260	1748.60	186.40
5	GUIDE	472533912	9.15	580	0.025	0.057	0.126	0.199	331.791136	46.368695	-720.47	-2291.15
6	GUIDE	472655152	9.42	582	-0.064	-0.134	0.106	0.185	332.504239	45.862991	-979.07	237.62
7	GUIDE	472665256	9.02	581	0.082	0.119	0.078	0.126	332.808125	46.195041	-2315.91	-226.46

2.4 Star Slots

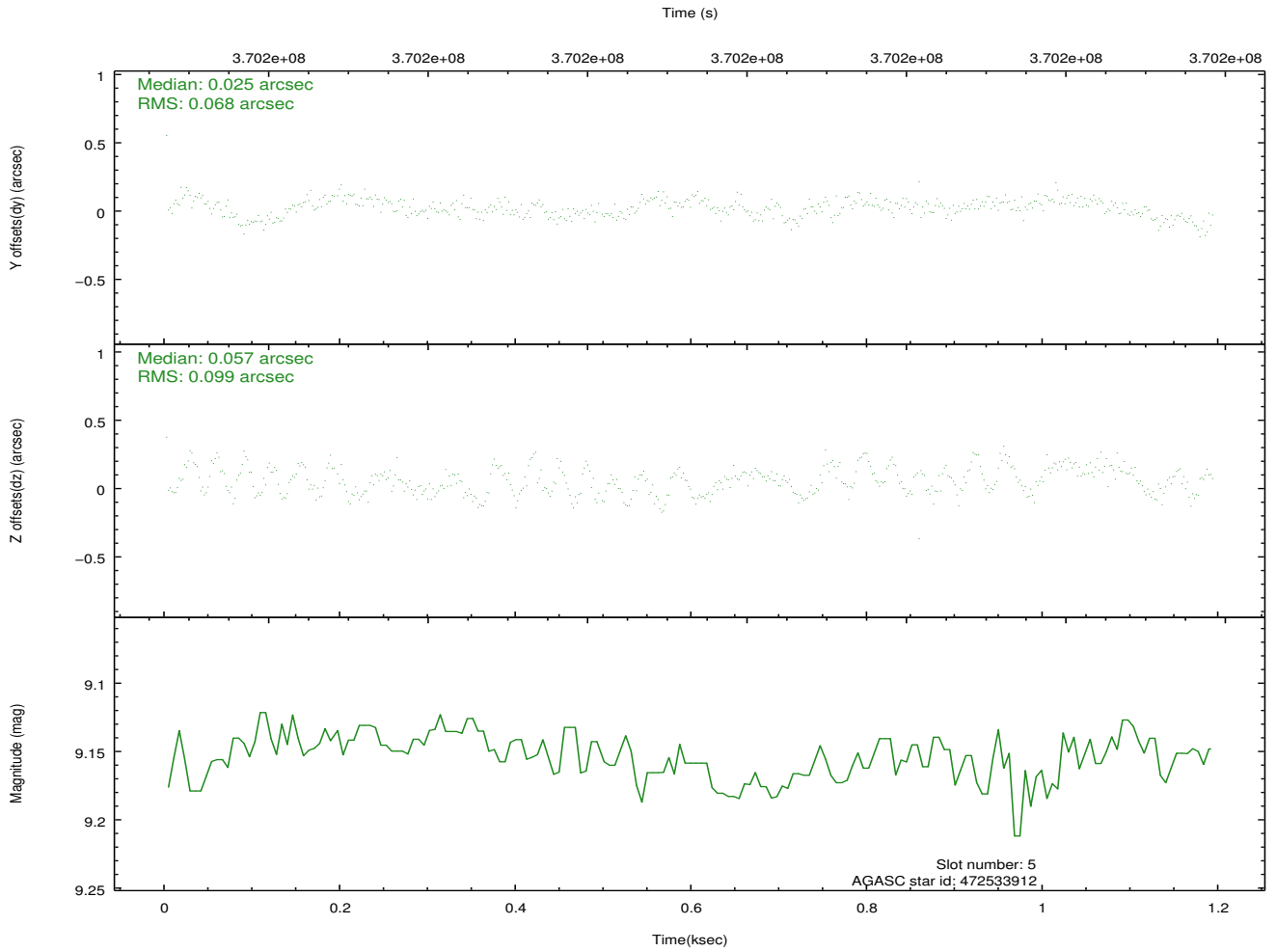
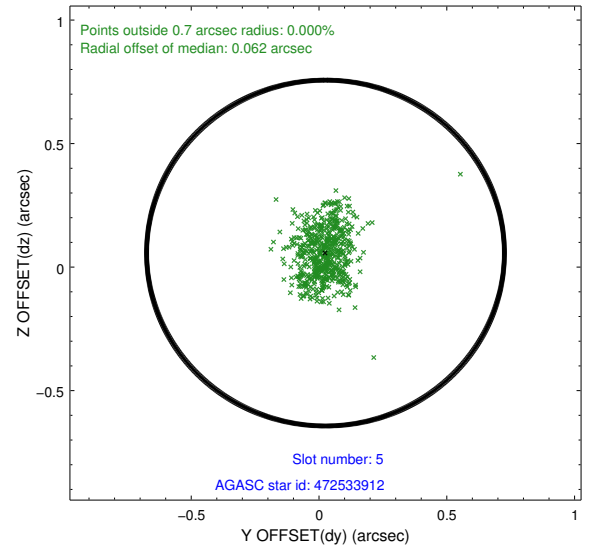
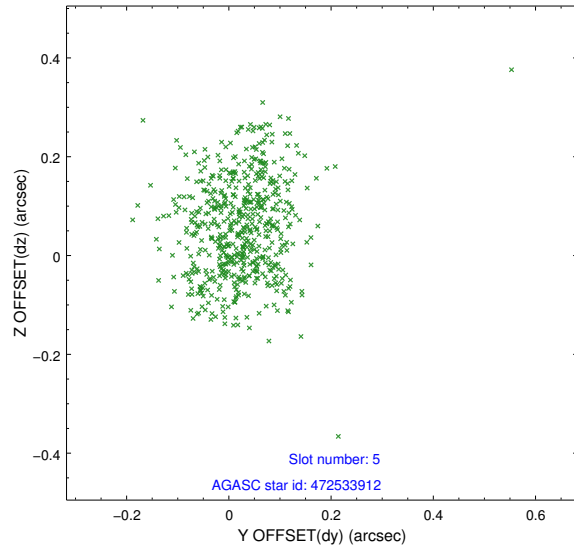
2.4.1 Slot 3



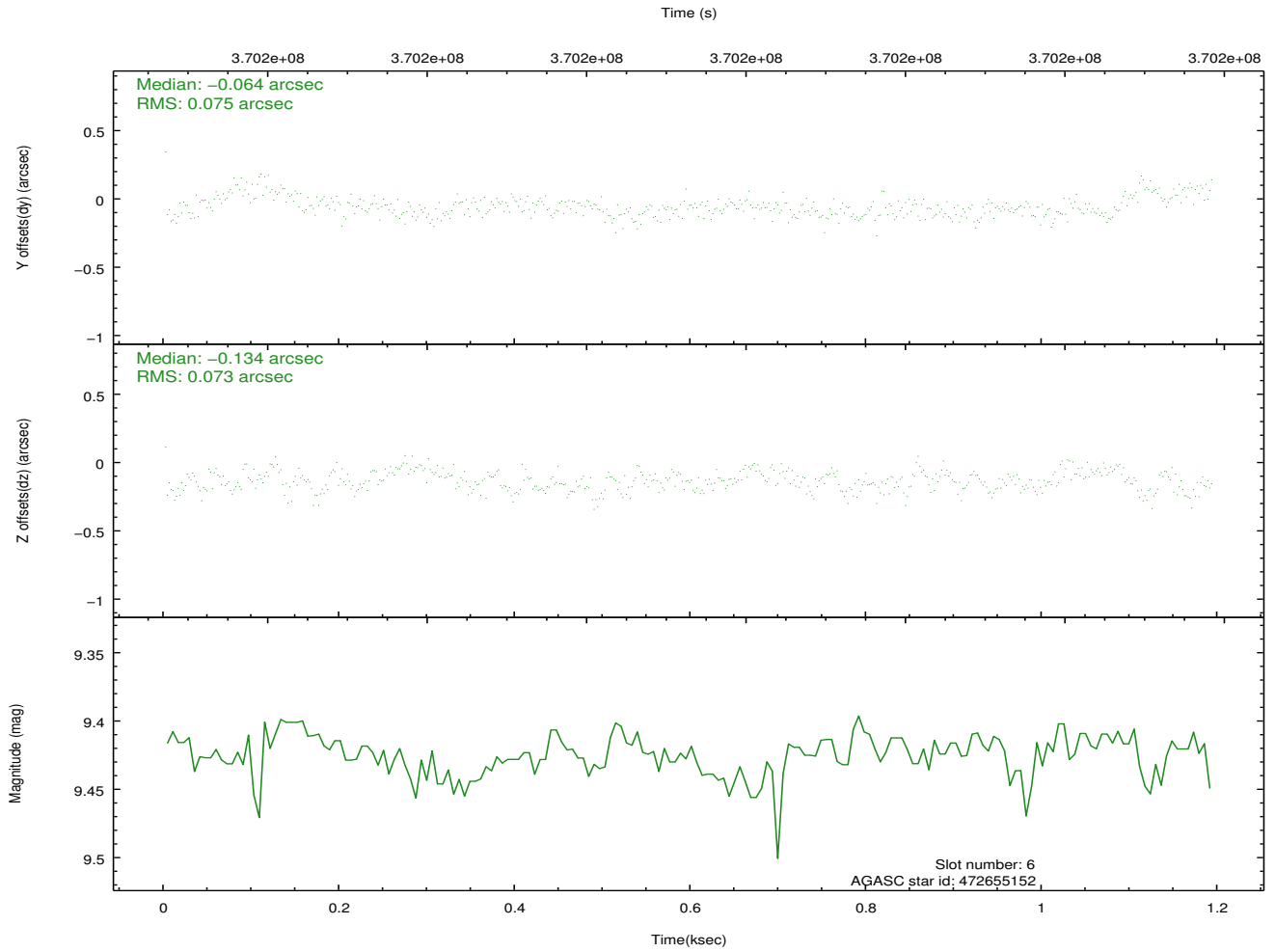
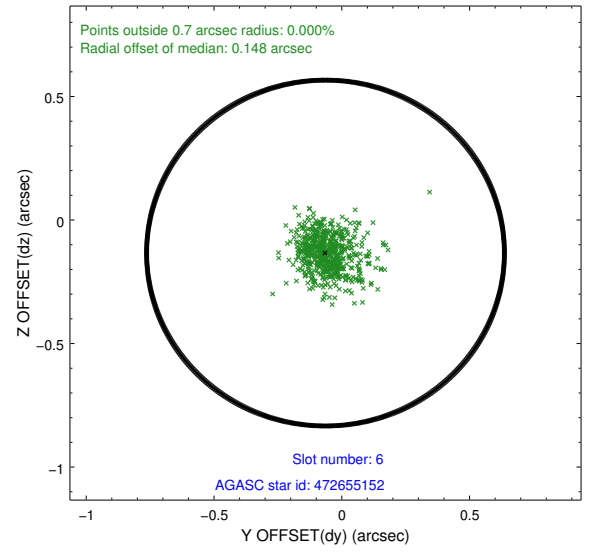
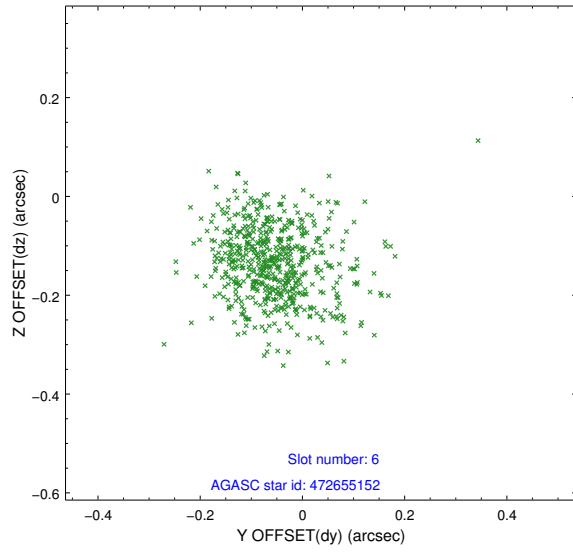
2.4.2 Slot 4



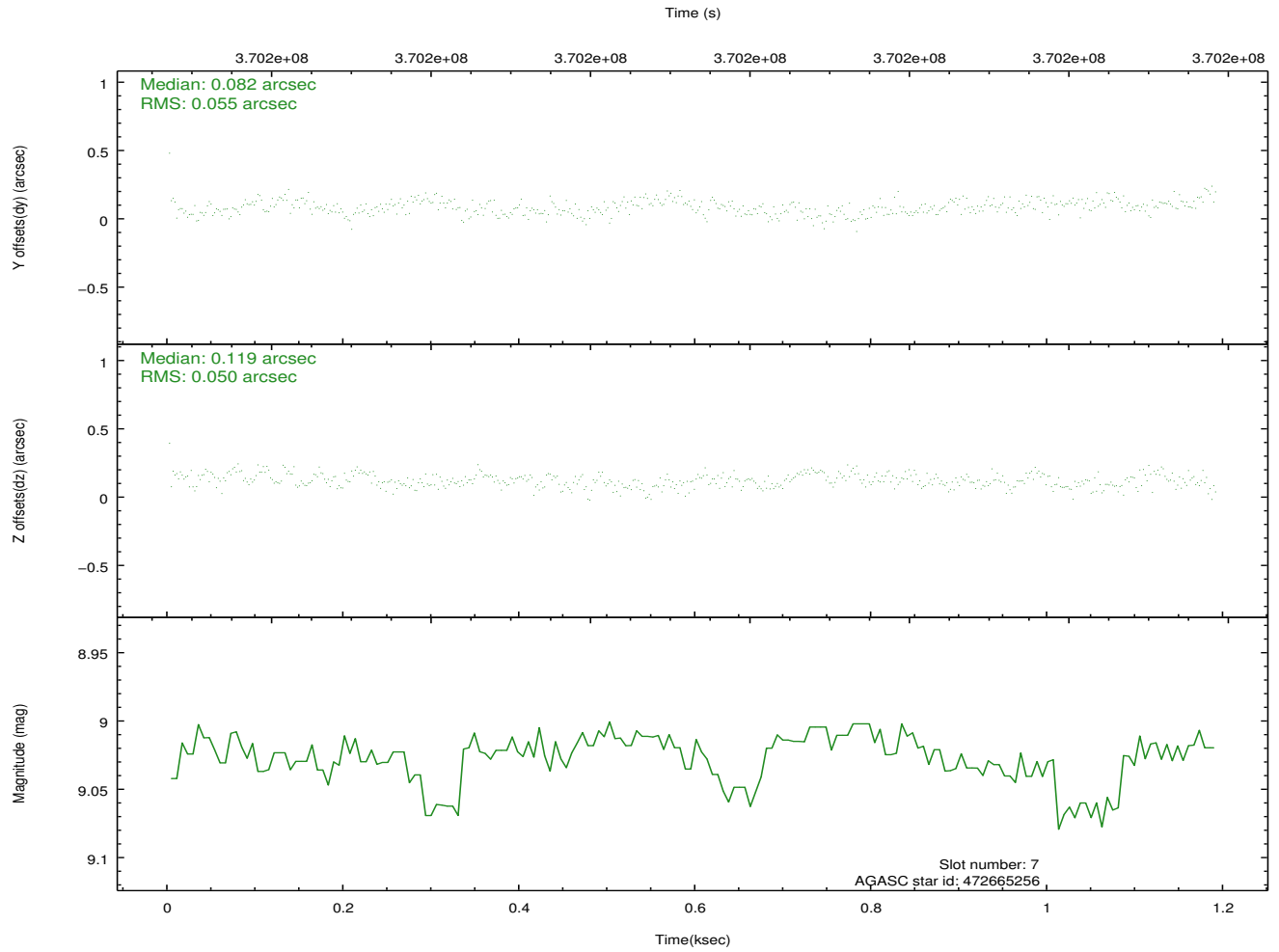
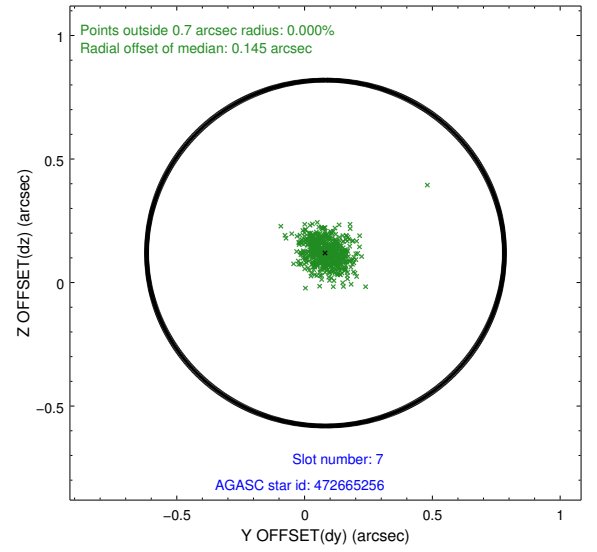
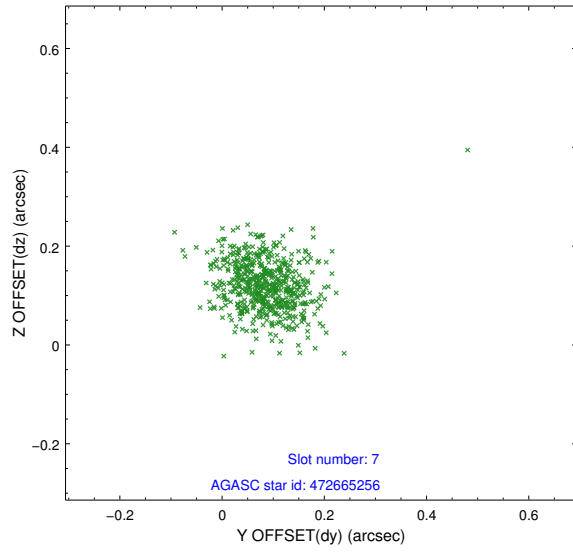
2.4.3 Slot 5



2.4.4 Slot 6

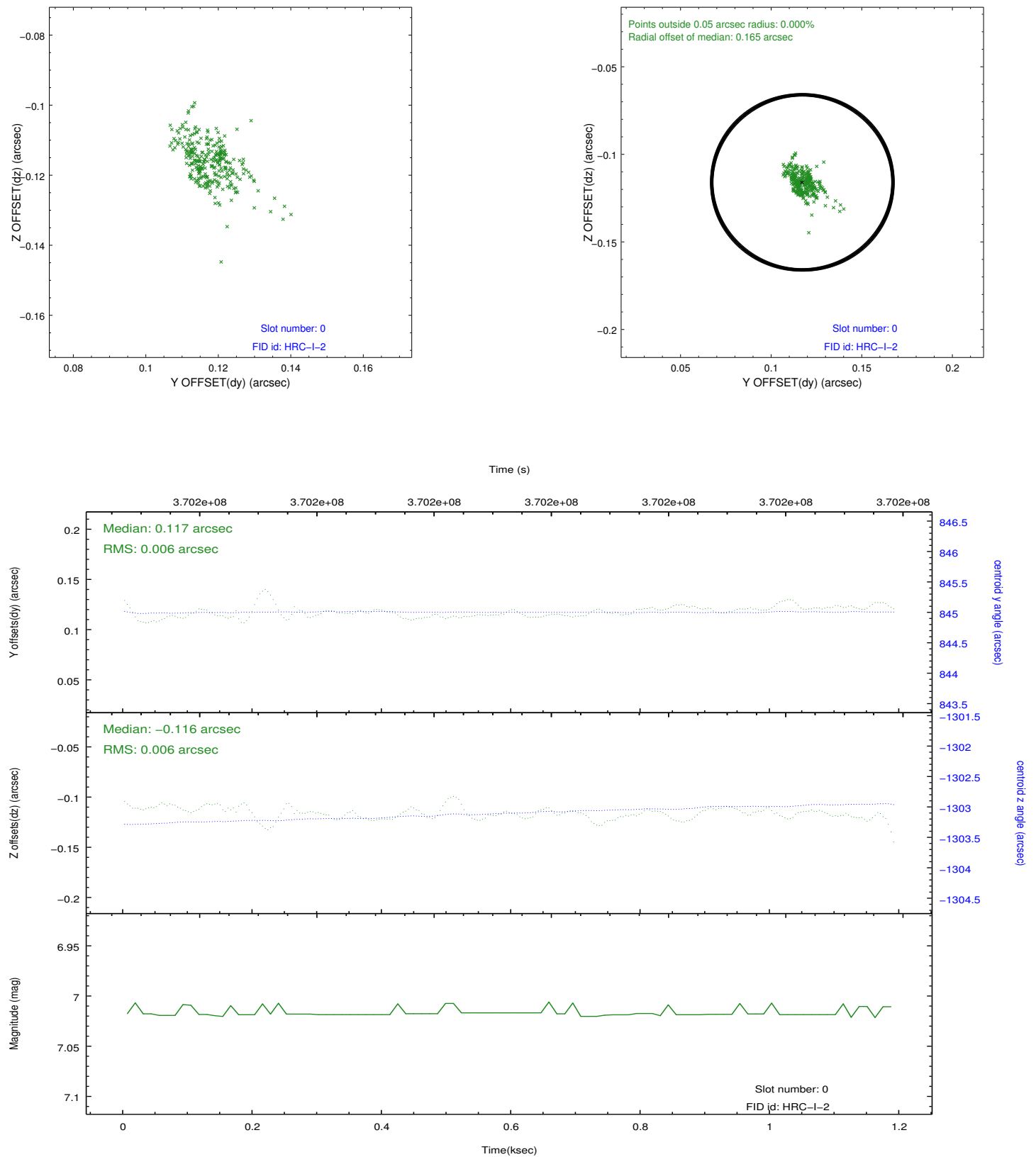


2.4.5 Slot 7

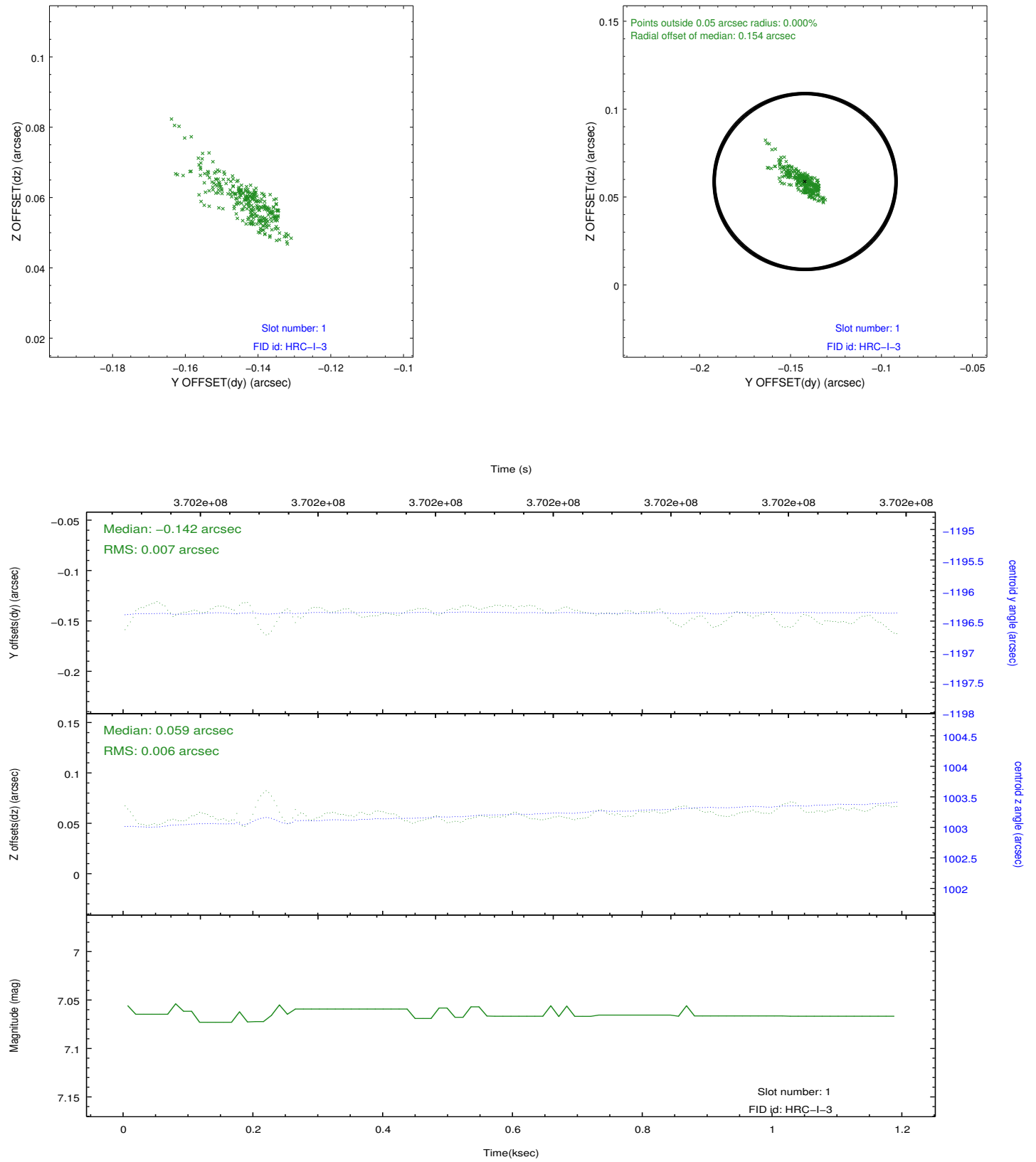


2.5 FID Slots

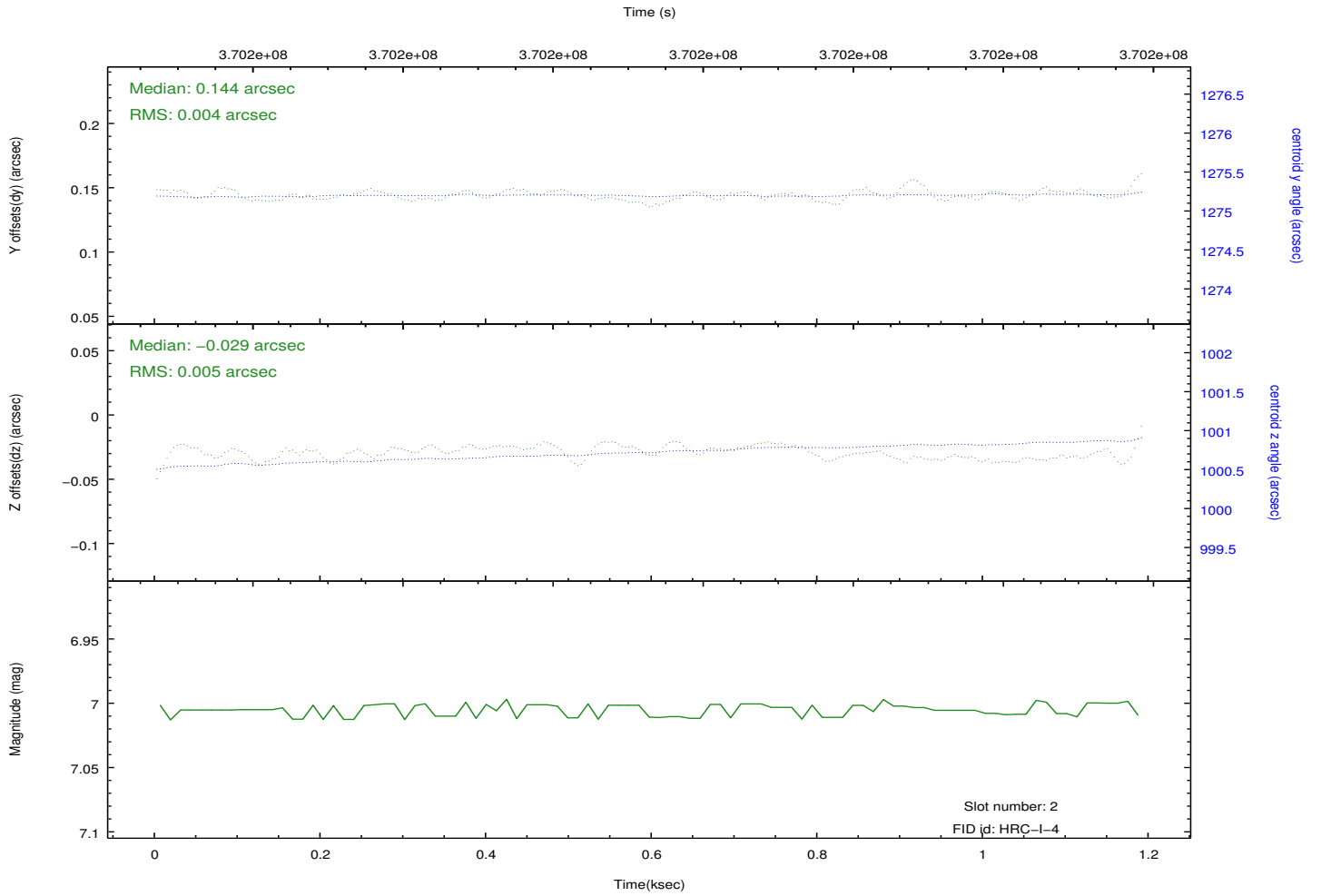
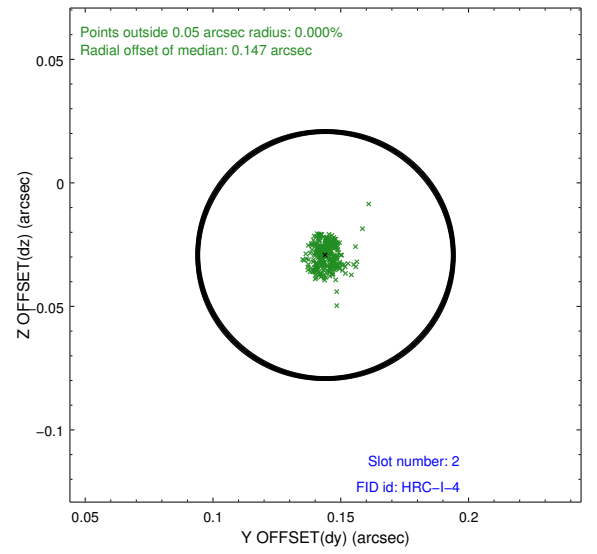
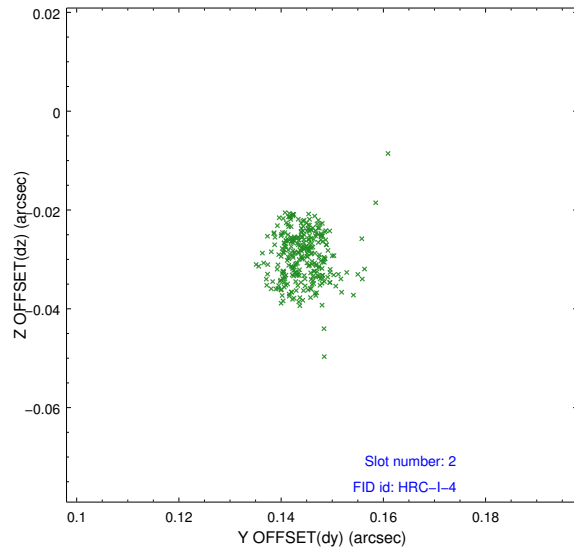
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1902813097835

A.2 Comments