

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11896 - L2 Version 2
Chandra X-Ray Center

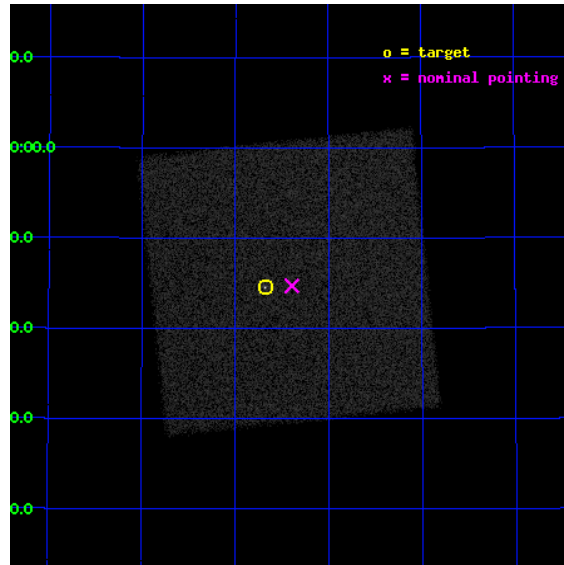
L2 Processing Date : Jul 3 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

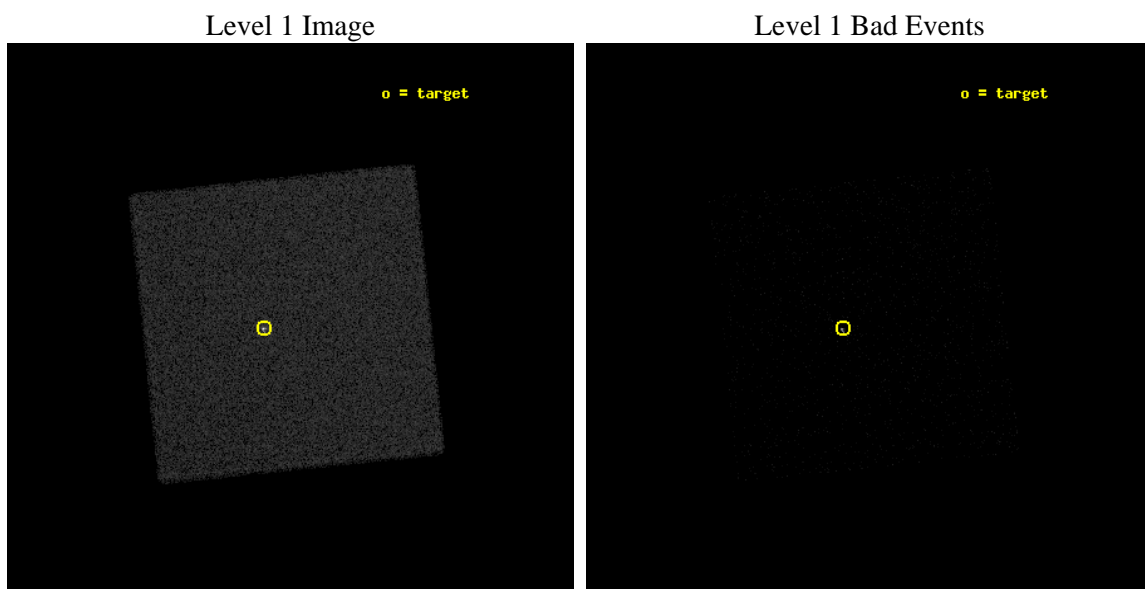
seq_num	290885	Sequence number
obs_id	11896	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.097963286	Nominal RA [deg]
dec_nom	45.745516959876	Nominal Dec [deg]
roll_nom	219.0068649927	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1183.8750607967	[s]
livetime	1170.8690293093	Ontime multiplied by DTCOR
l2events	91454	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	1183.8750607967	[s]
caldbver	4.5.0	 	l1events	161685	Number of level 1 events
date	2012-07-03T23:51:38	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

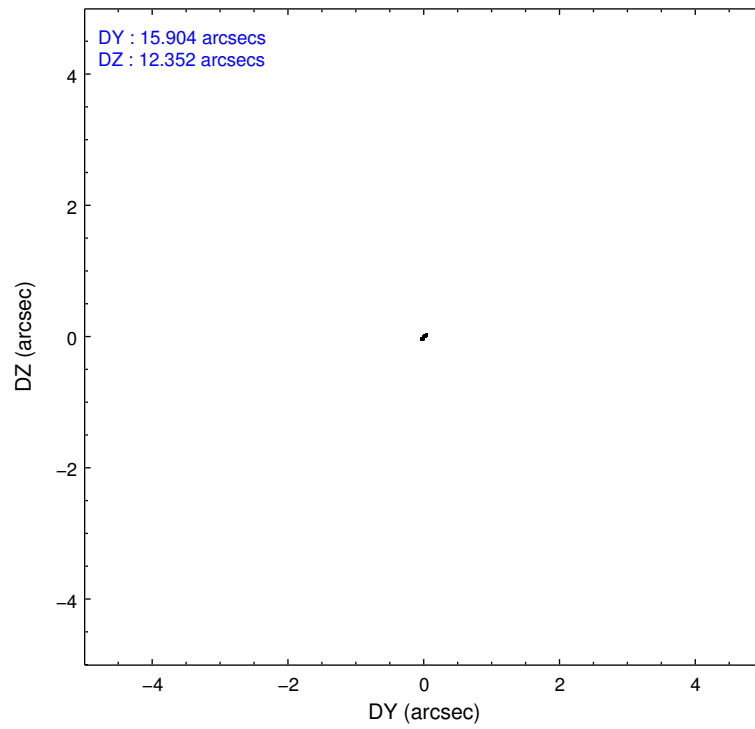
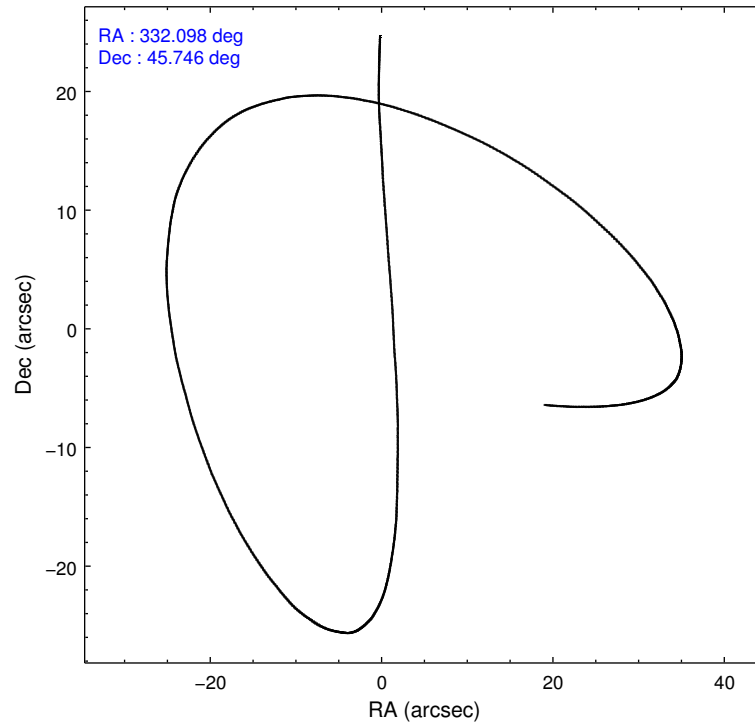
	segment 0
level 1 events	161685
rejected events	34937
rejected %	21%

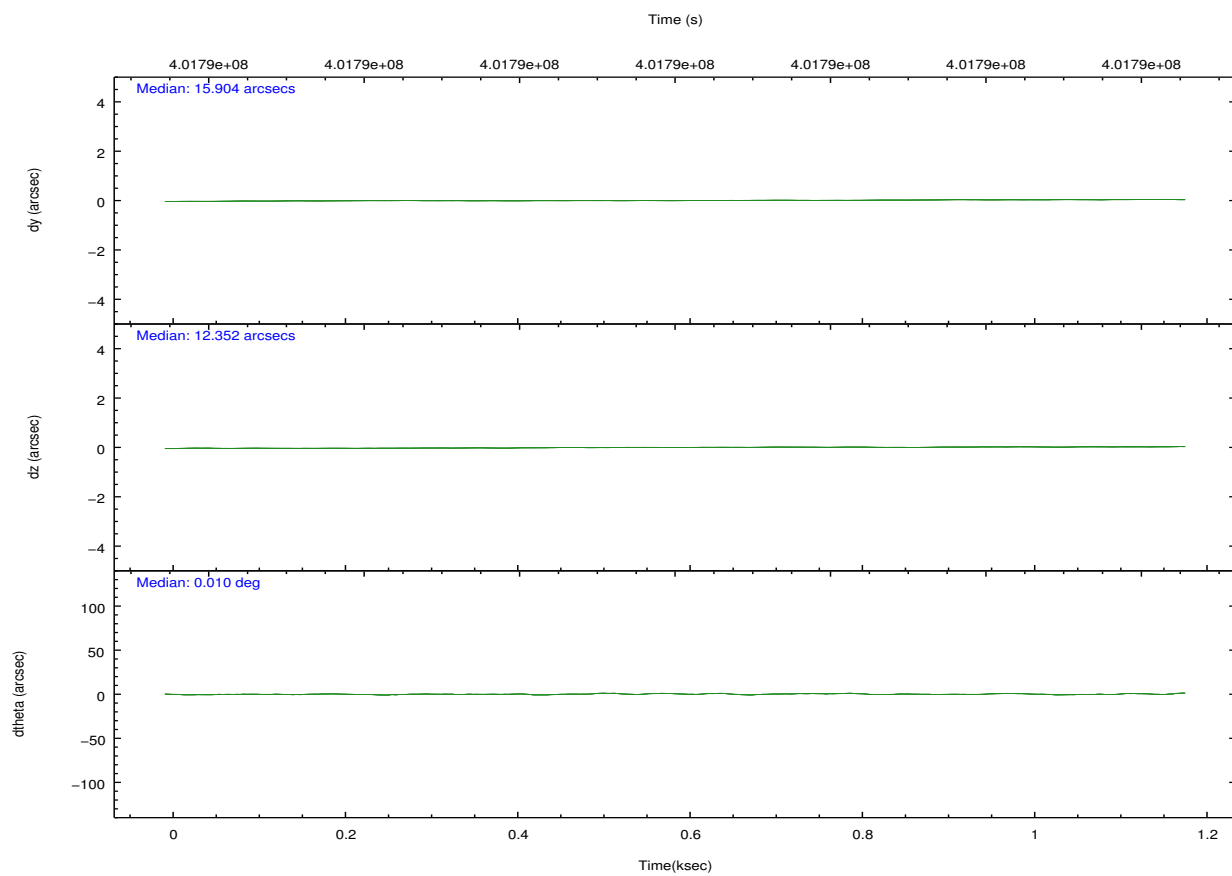
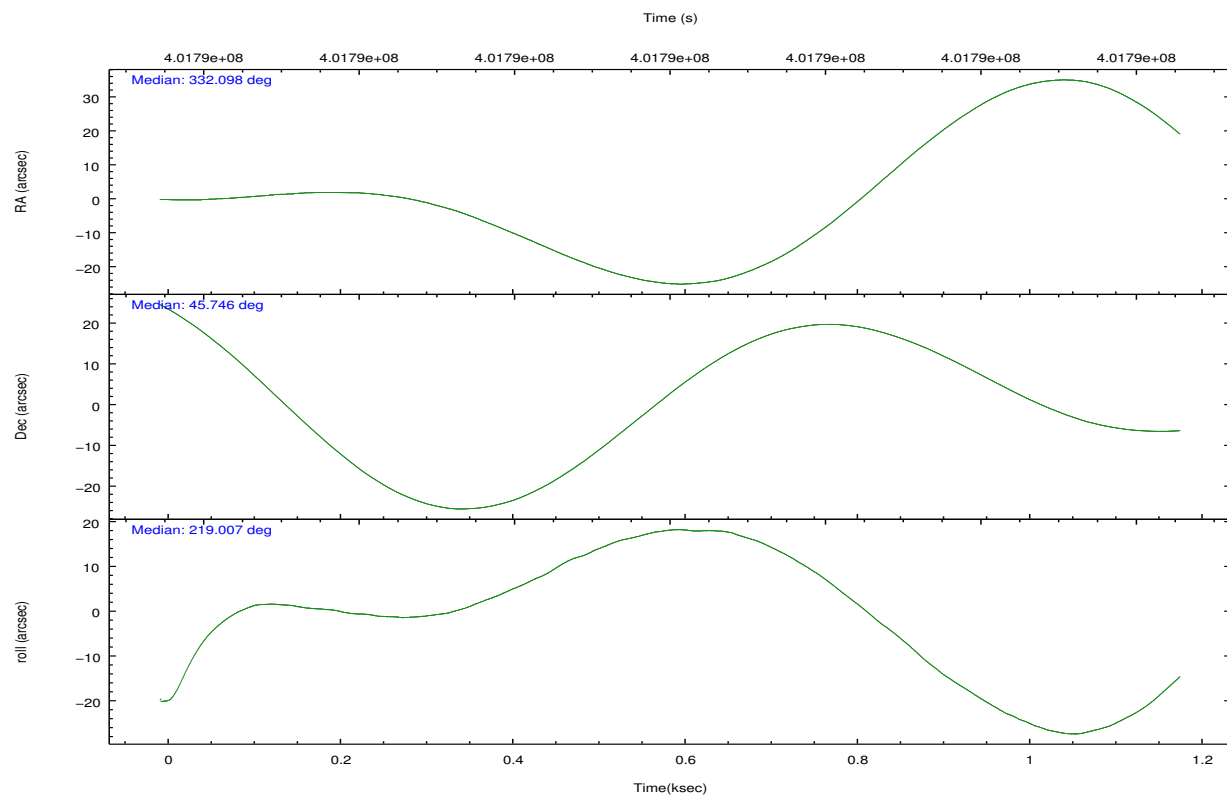
2.2 Compared Parameters

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	332.110158	332.097963286001
[deg] Pointing Dec	45.771520	45.74551695987599
[deg] Pointing Roll	219.093694	219.0068649927013
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	401793583.184000	401793207.46319
Observation start date	2010-09-25T09:18:37	2010-09-25T09:13:27
[s] Observation end time (MET)	401794583.184000	401794717.28827
Observation end date	2010-09-25T09:35:17	2010-09-25T09:38:37

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

2.3 Aspect



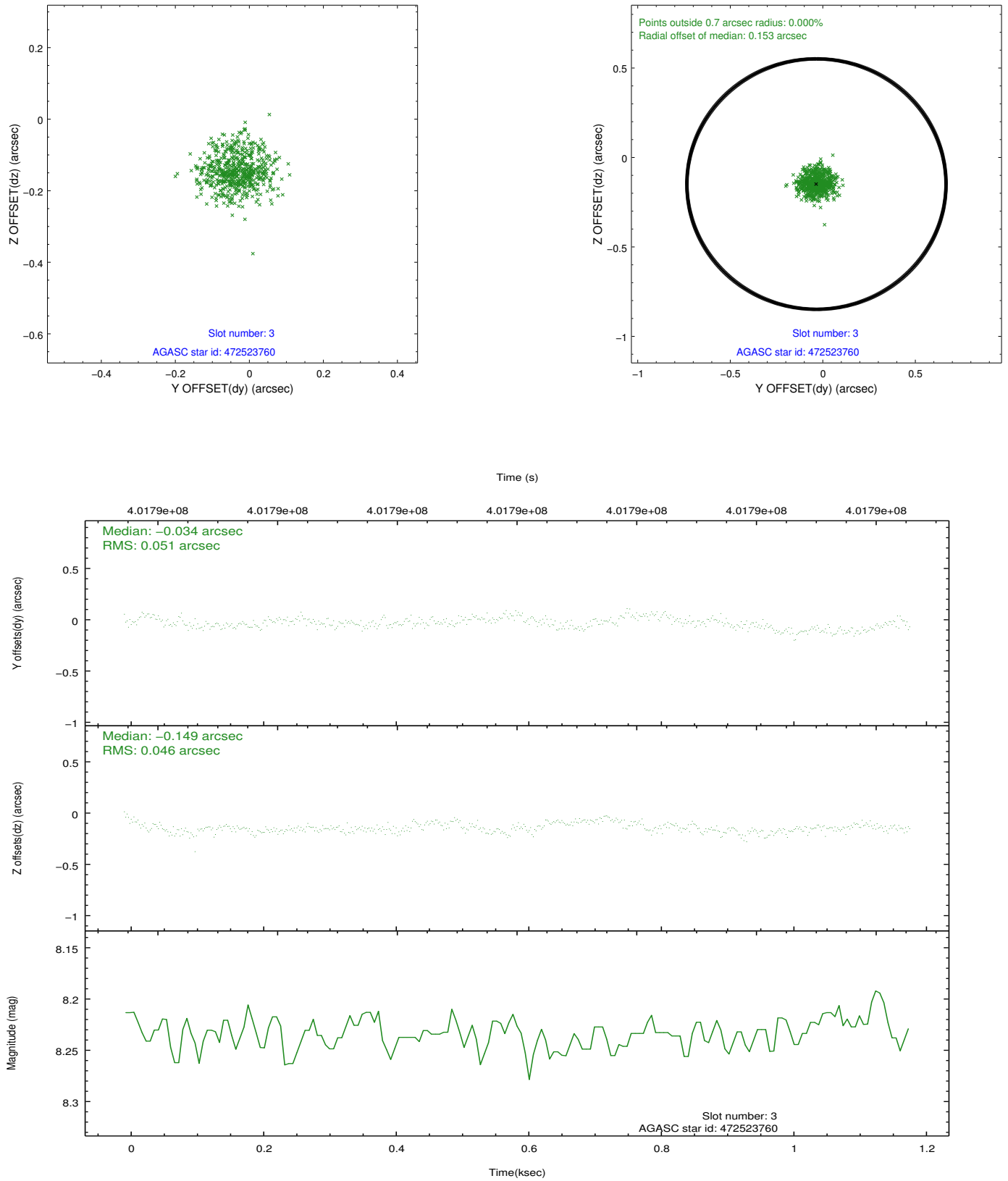


Slot Statistics

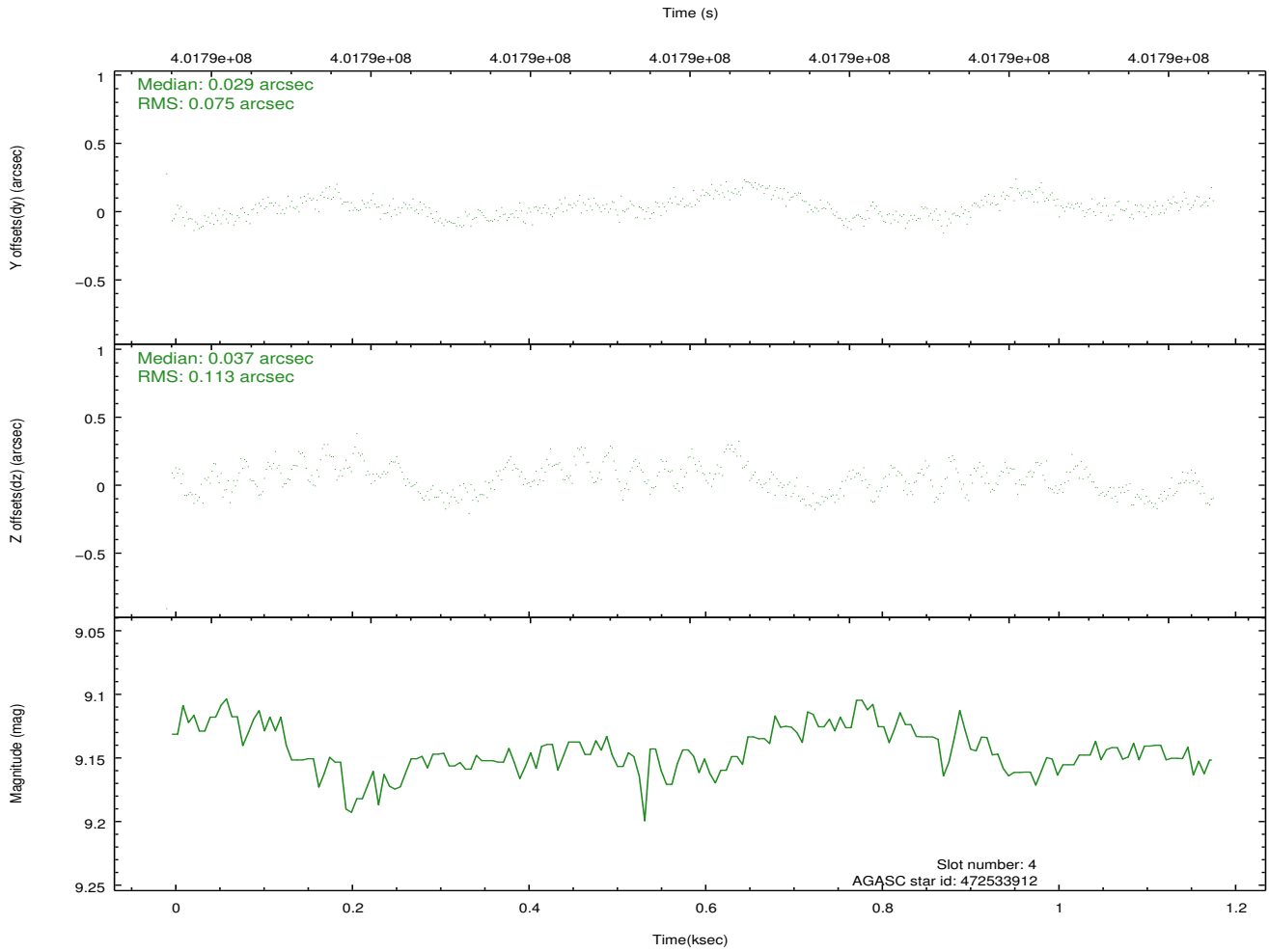
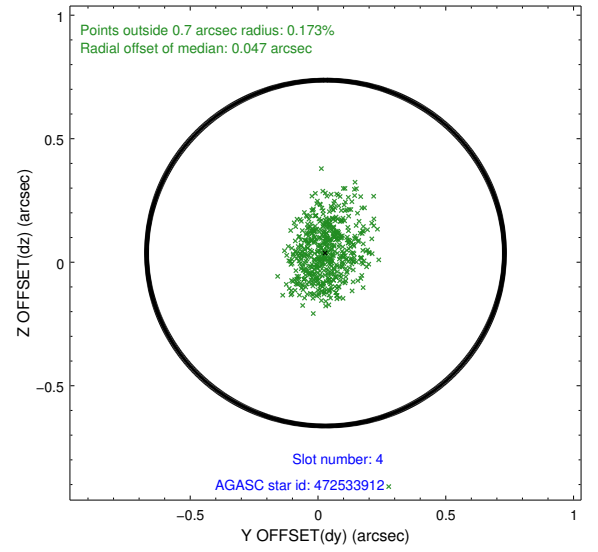
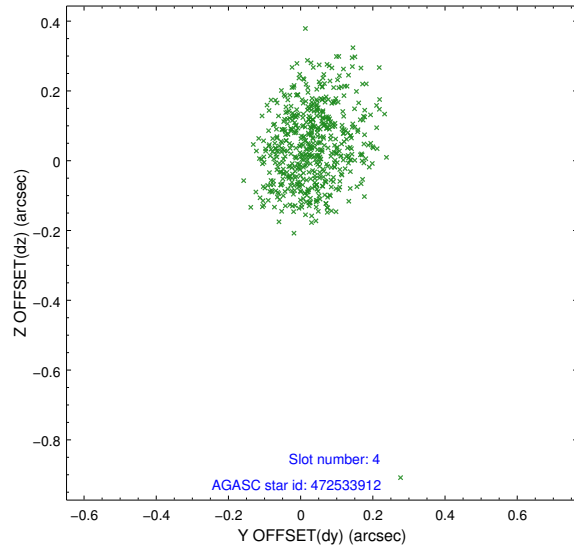
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	-0.064	0.026	0.006	0.011	0.000000	0.000000	-771.83	-1300.31
1	FID	HRC-I-2	7.00	289	0.227	-0.137	0.006	0.011	0.000000	0.000000	838.42	-1306.57
2	FID	HRC-I-3	7.05	289	-0.044	0.021	0.006	0.010	0.000000	0.000000	-1197.35	999.74
3	GUIDE	472523760	8.23	579	-0.034	-0.149	0.075	0.113	331.645363	45.403260	1747.04	282.95
4	GUIDE	472533912	9.15	577	0.029	0.037	0.140	0.221	331.791136	46.368695	-737.30	-2171.38
5	GUIDE	472655152	9.42	575	-0.021	-0.144	0.131	0.200	332.504239	45.862991	-975.95	359.43
6	GUIDE	472665256	9.02	579	0.089	0.140	0.109	0.174	332.808125	46.195041	-2316.42	-94.06
7	GUIDE	420754040	9.06	578	-0.074	0.094	0.108	0.174	331.917939	44.882543	2394.37	2172.33

2.4 Star Slots

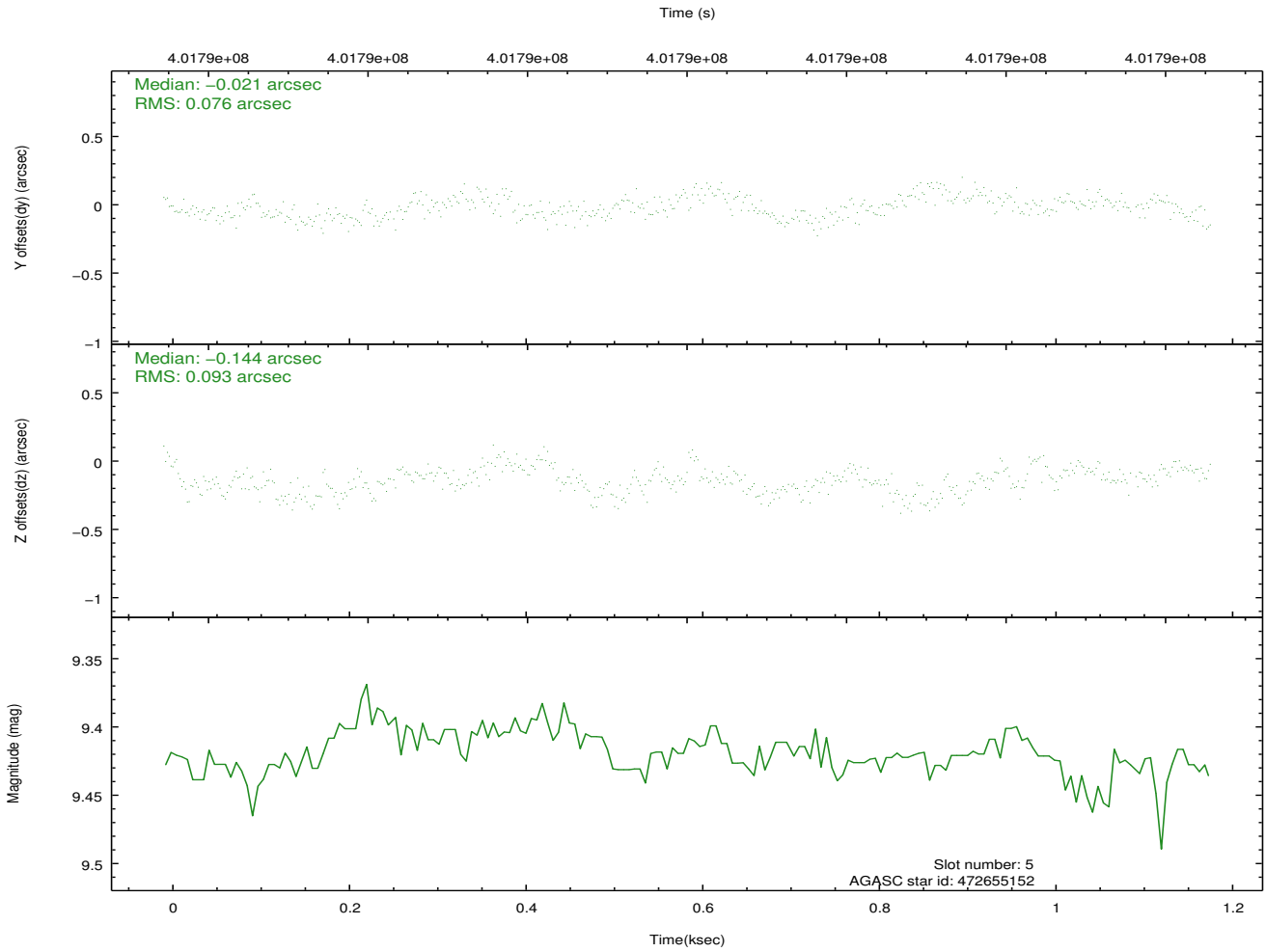
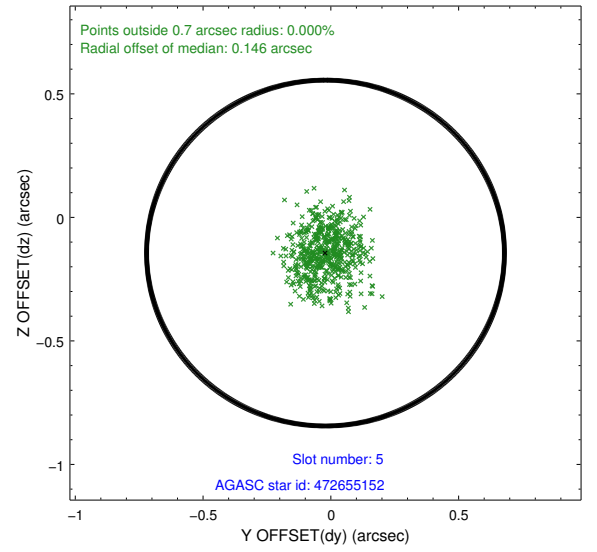
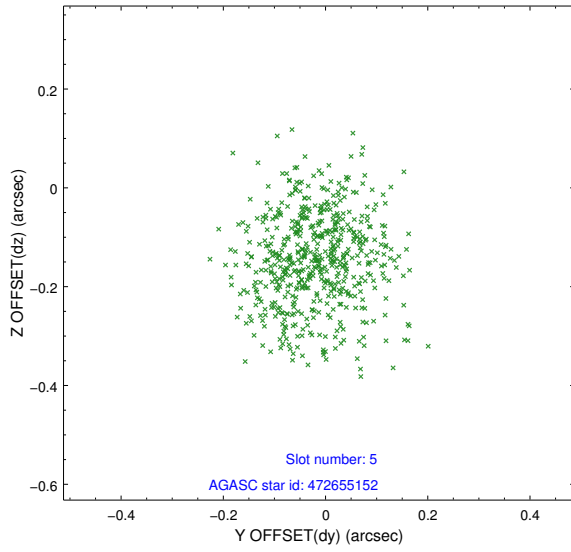
2.4.1 Slot 3



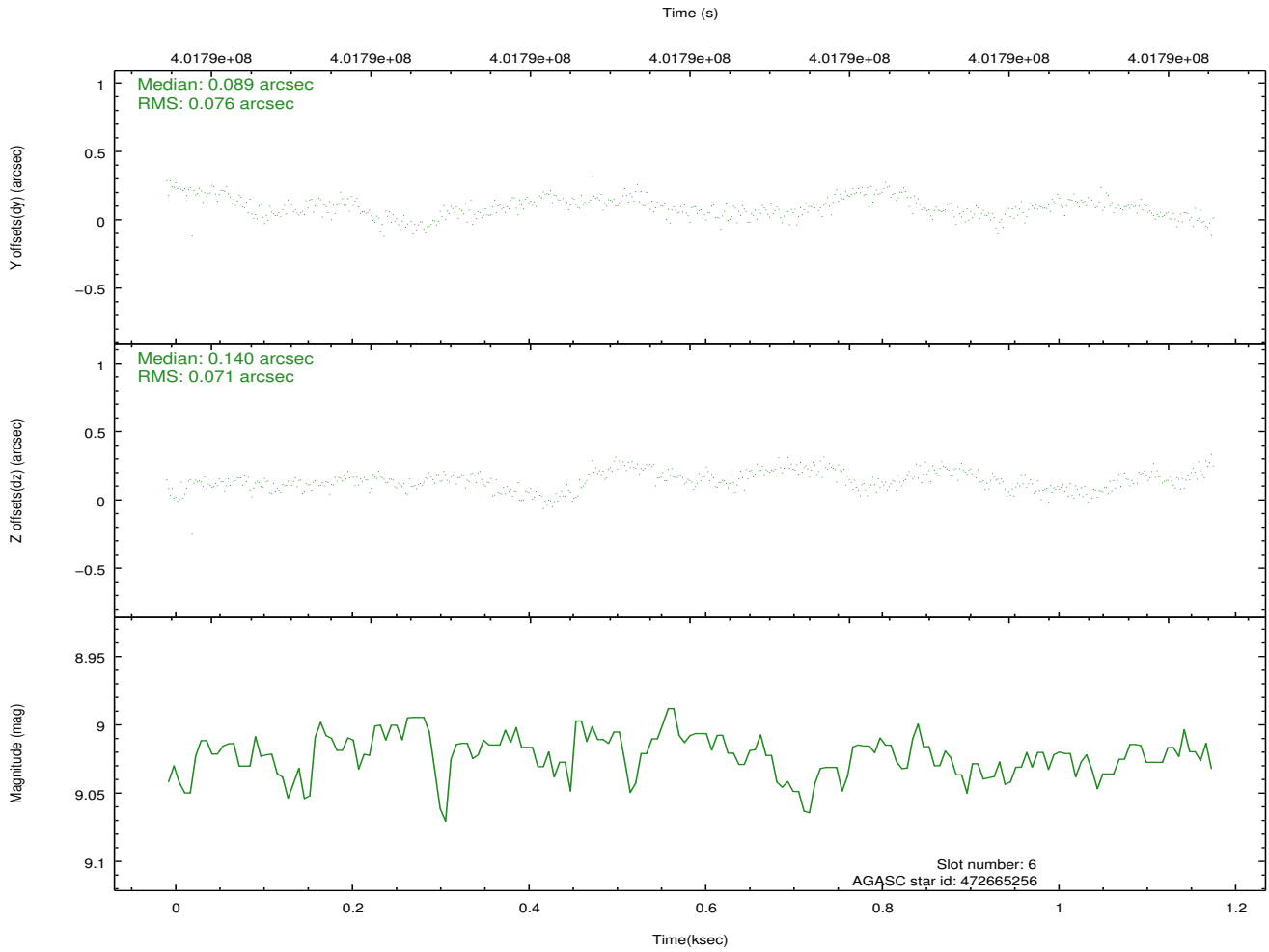
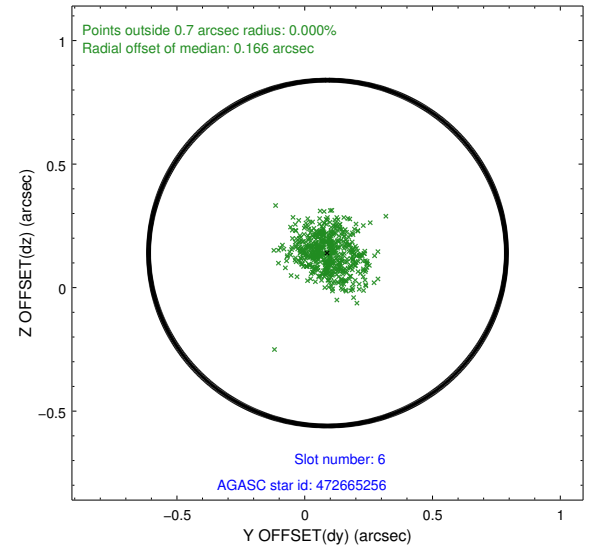
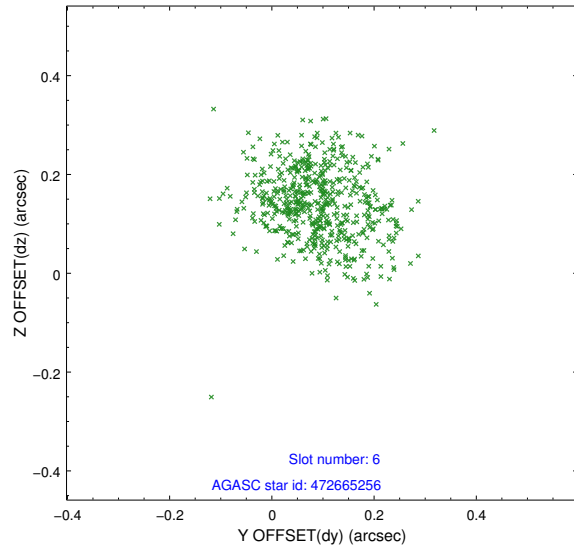
2.4.2 Slot 4



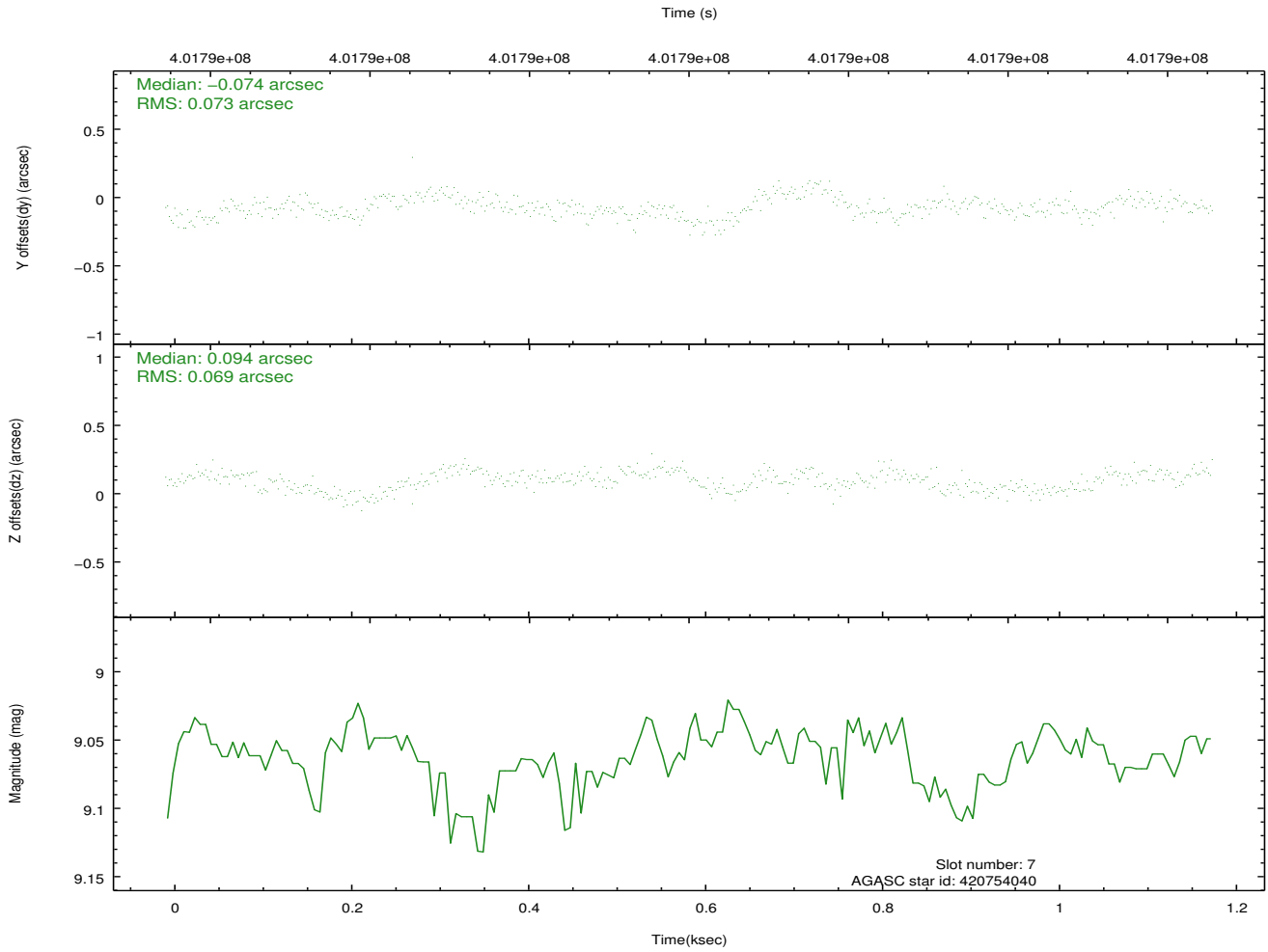
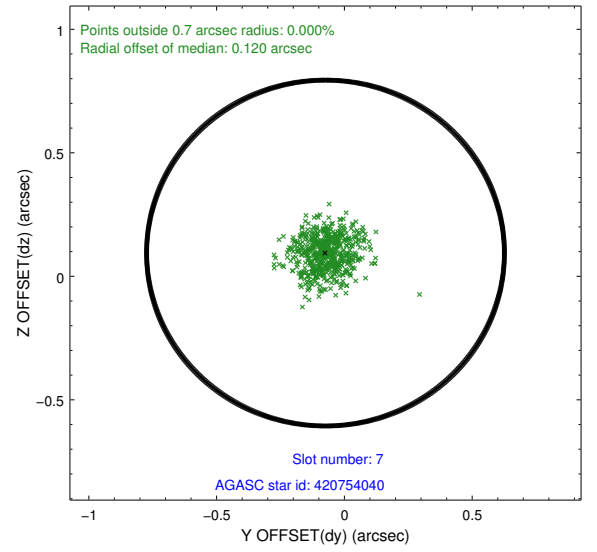
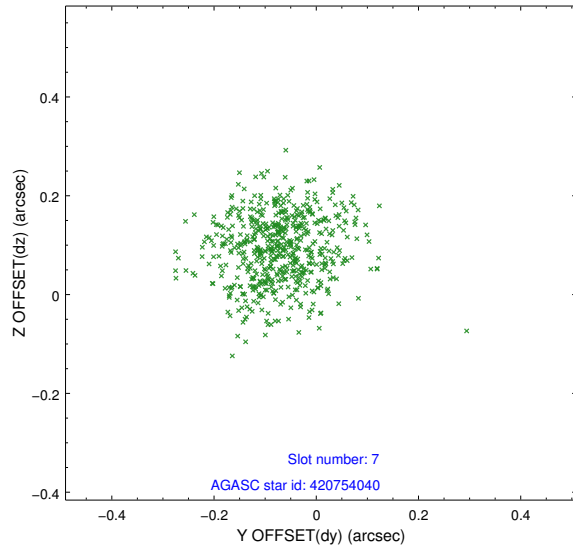
2.4.3 Slot 5



2.4.4 Slot 6

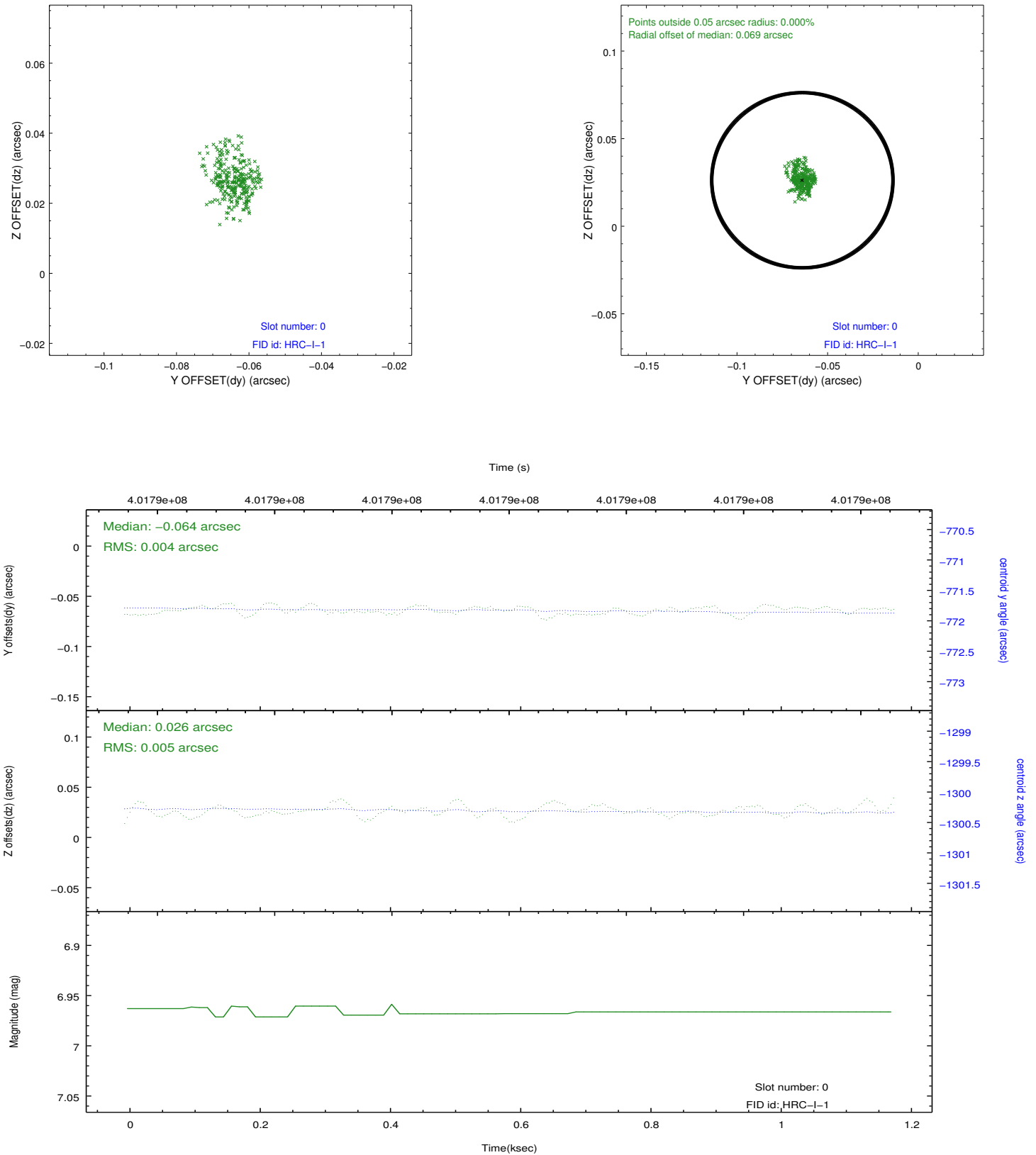


2.4.5 Slot 7

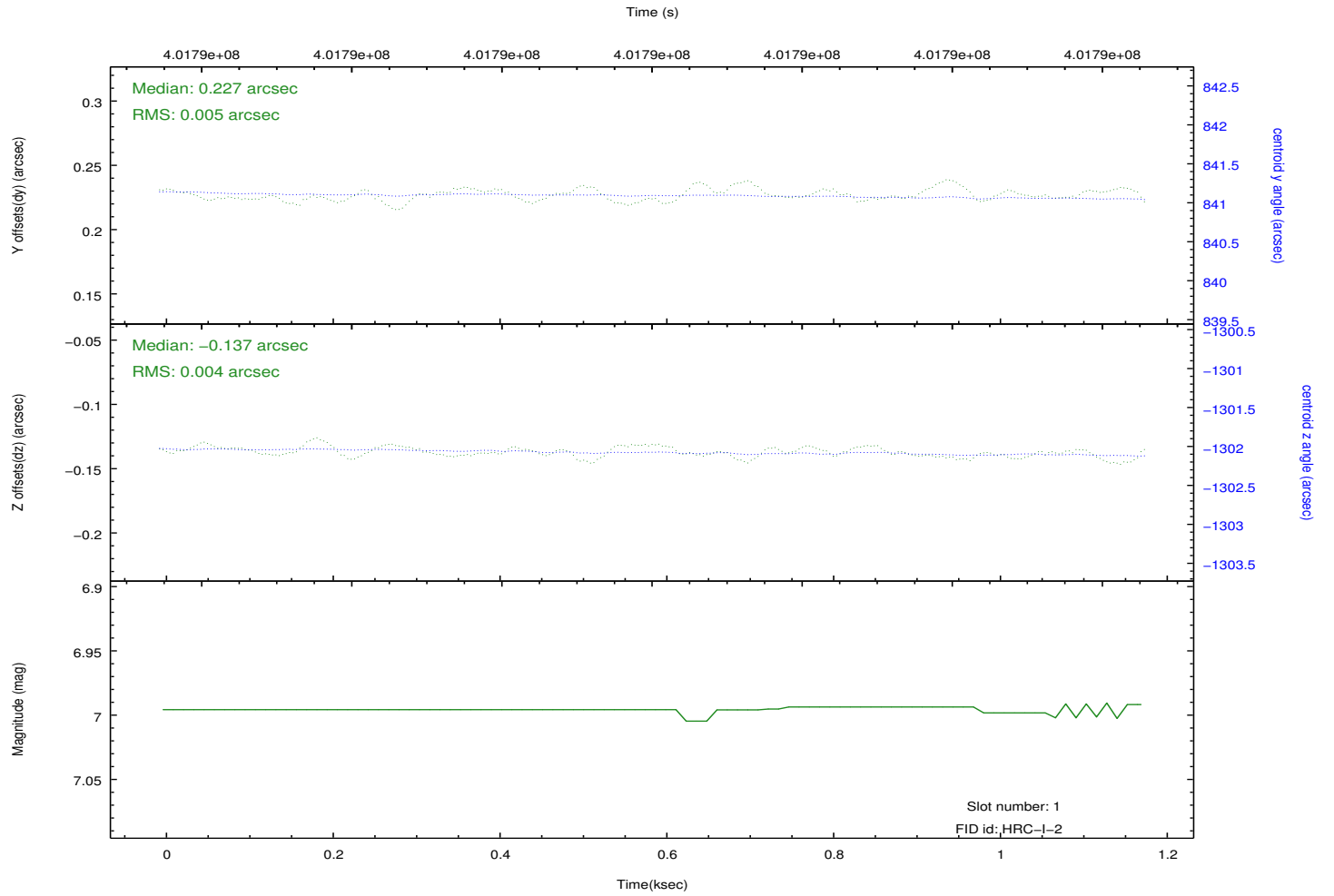
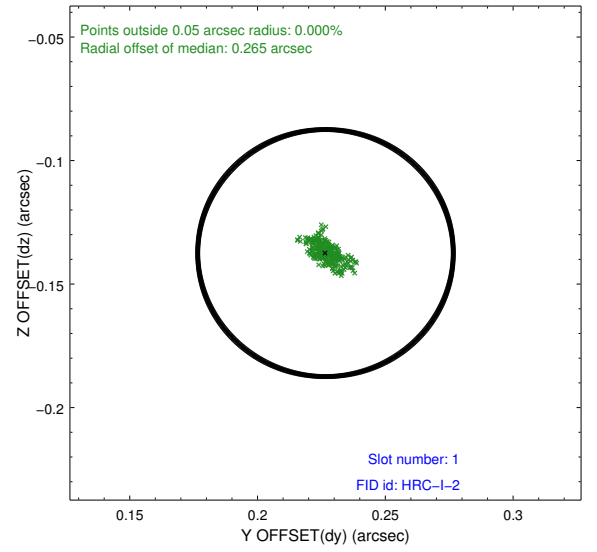
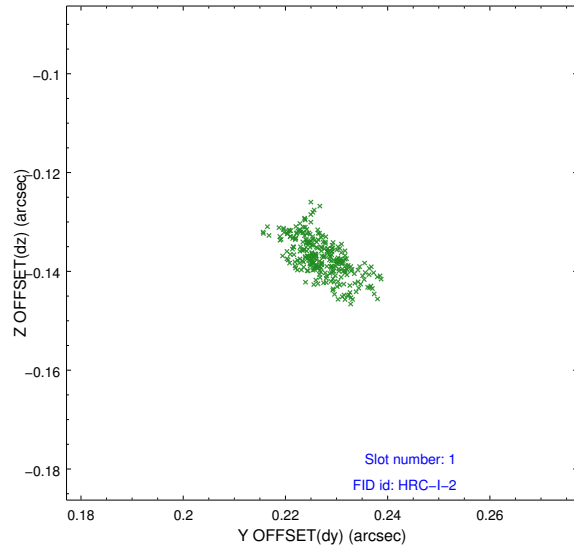


2.5 FID Slots

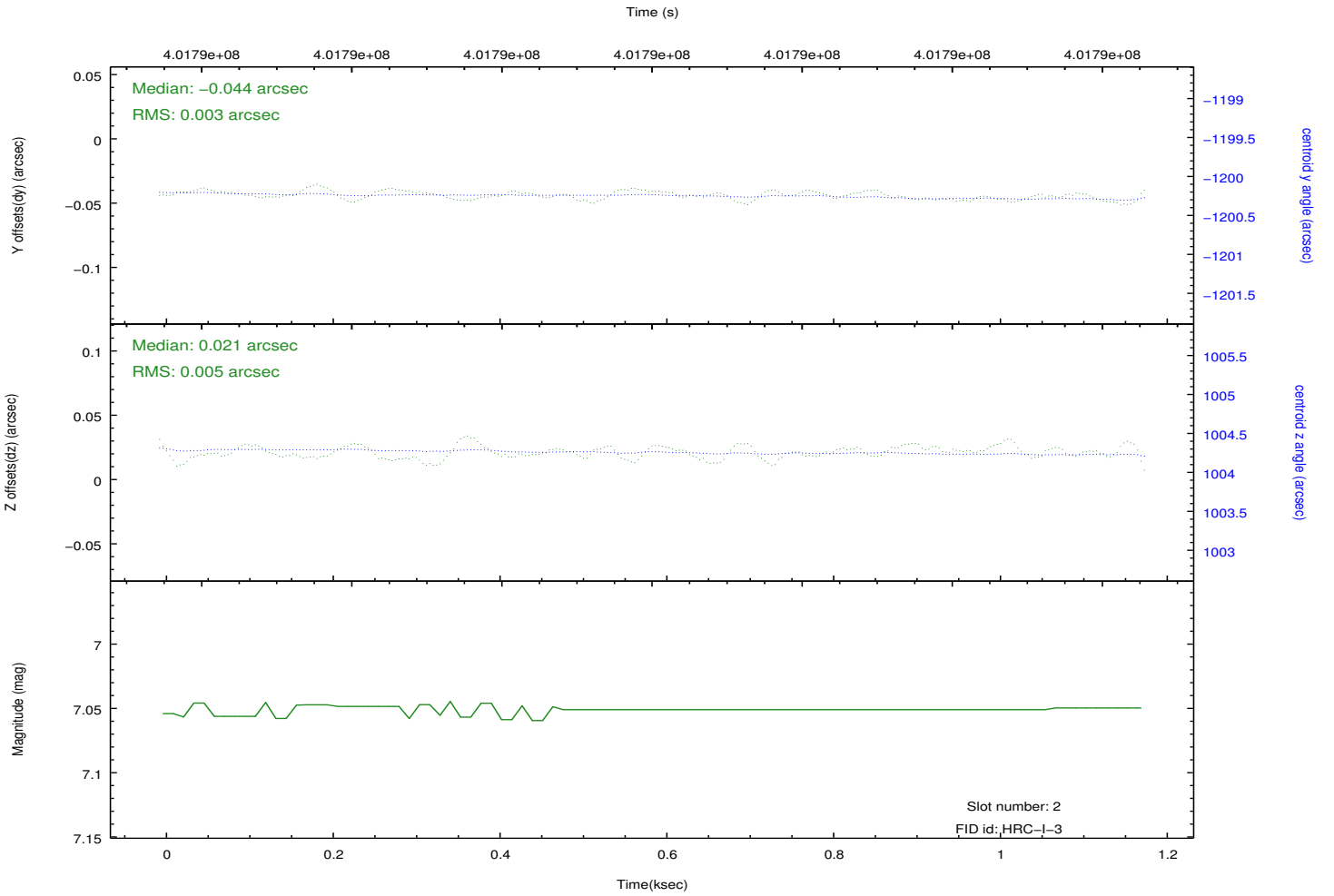
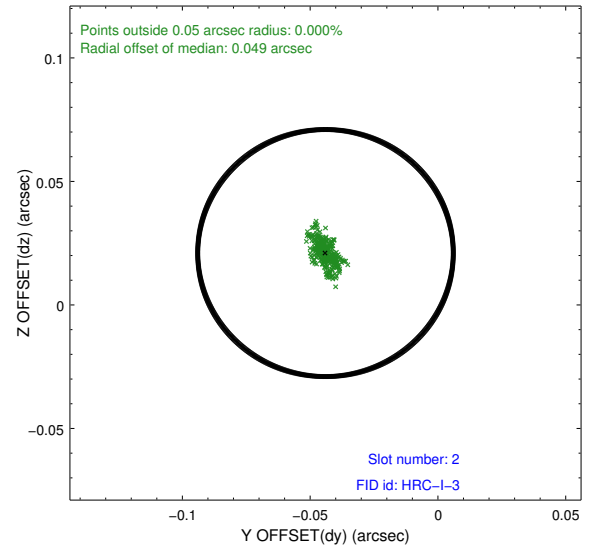
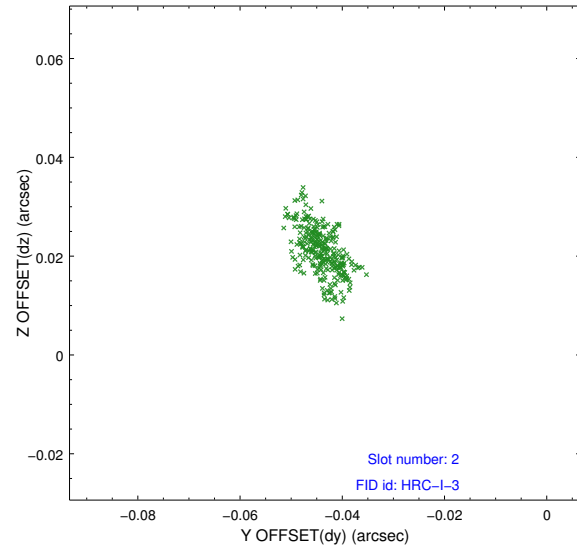
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.184131310761

A.2 Comments