

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16393 - L2 Version 1
Chandra X-Ray Center

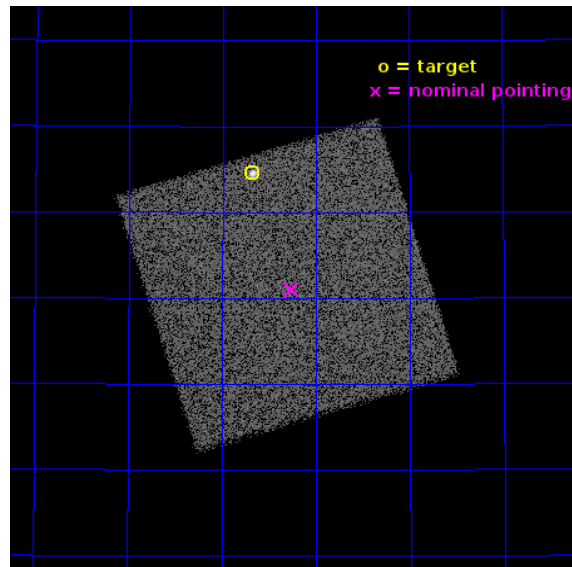
L2 Processing Date : Sep 16 2014

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1 Front

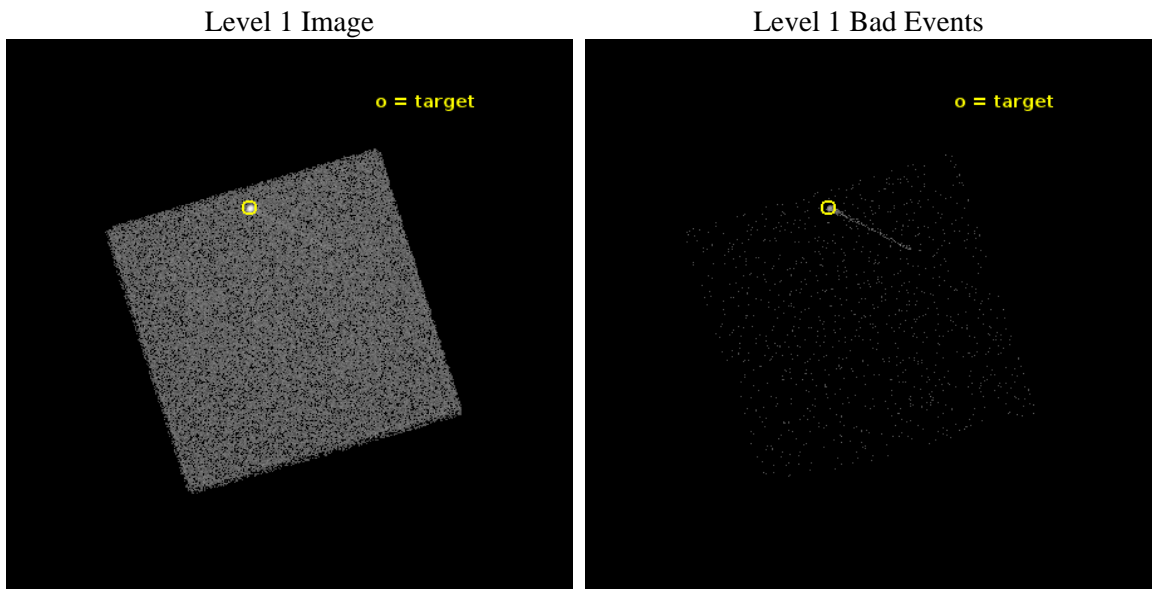
seq_num	291165	Sequence number
obs_id	16393	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.06556799425	Nominal RA [deg]
dec_nom	45.517217878631	Nominal Dec [deg]
roll_nom	207.9727538764	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1181.8250656724	[s]
livetime	1172.5827248974	Ontime multiplied by DTCOR
l2events	73452	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	10.2.4	Processing system revision	ontime	1181.8250656724	[s]
caldsver	4.6.3	 	l1events	125416	Number of level 1 events
date	2014-09-16T20:28:07	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

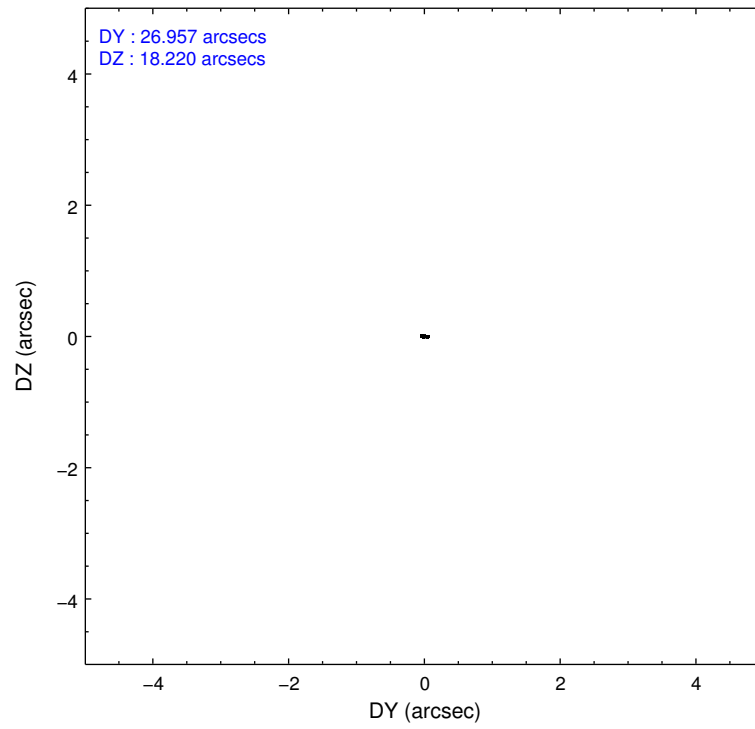
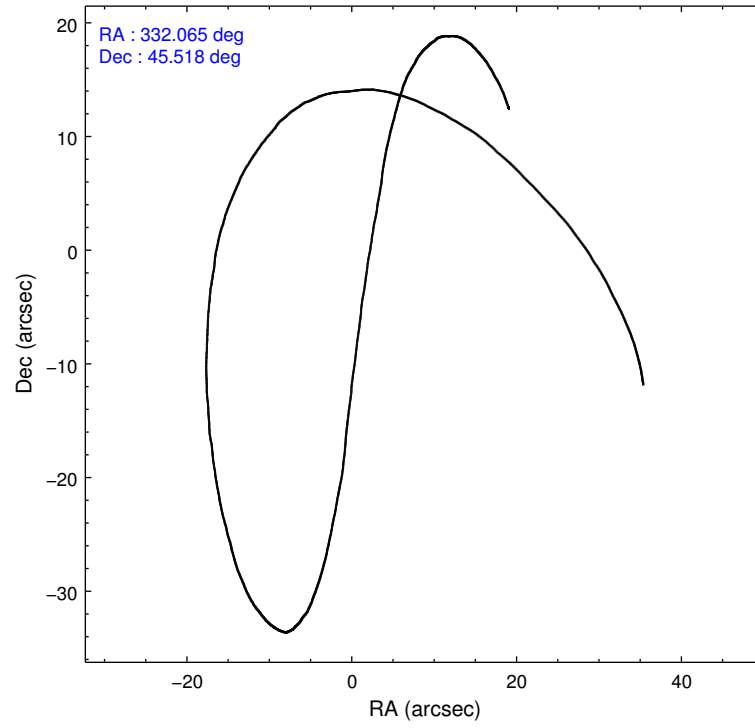
	segment 0
level 1 events	125416
rejected events	27244
rejected %	21%

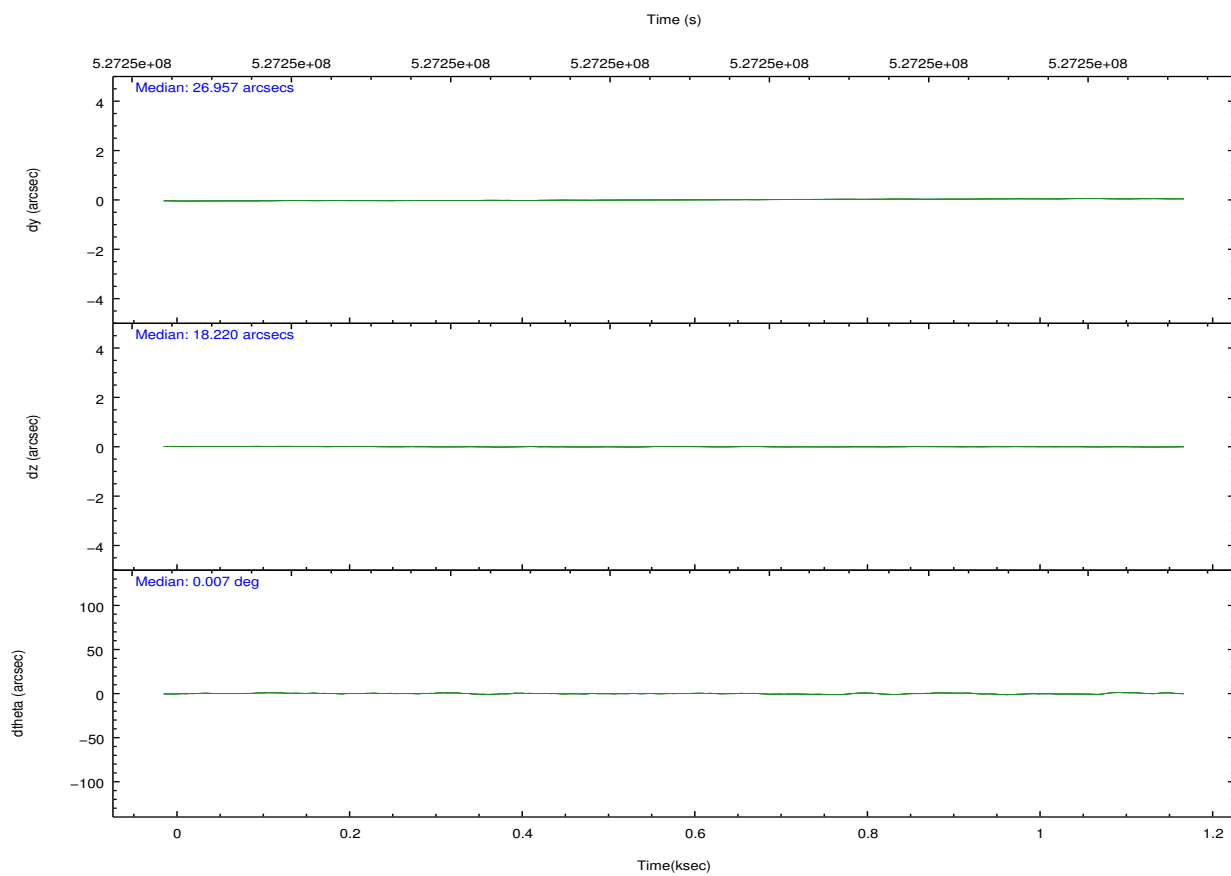
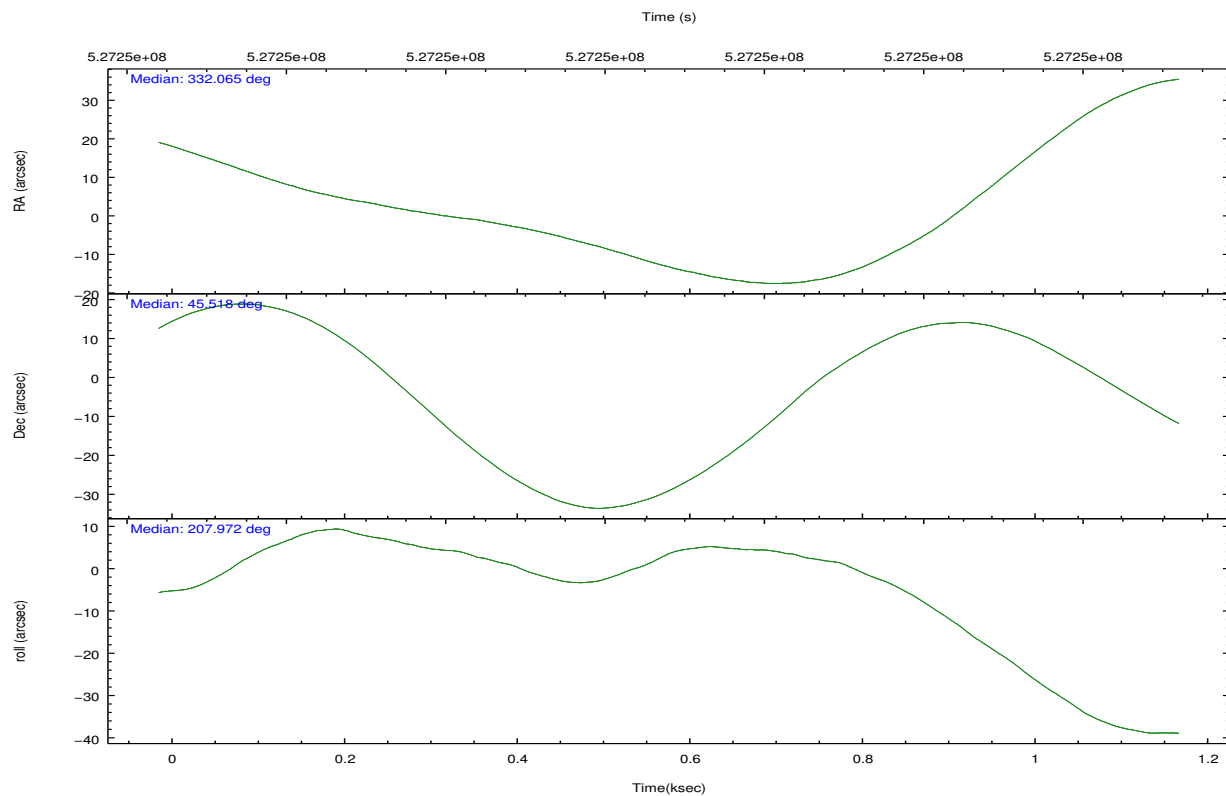
2.2 Compared Parameters

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	332.085443	332.0655679942548
[deg] Pointing Dec	45.539785	45.51721787863087
[deg] Pointing Roll	208.054017	207.9727538764037
[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)	527248871.184000	527248495.51457
Observation start date	2014-09-16T10:00:04	2014-09-16T09:54:55
[s] Observation end time (MET)	527249871.184000	527250005.33965
Observation end date	2014-09-16T10:16:44	2014-09-16T10:20:05

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

2.3 Aspect



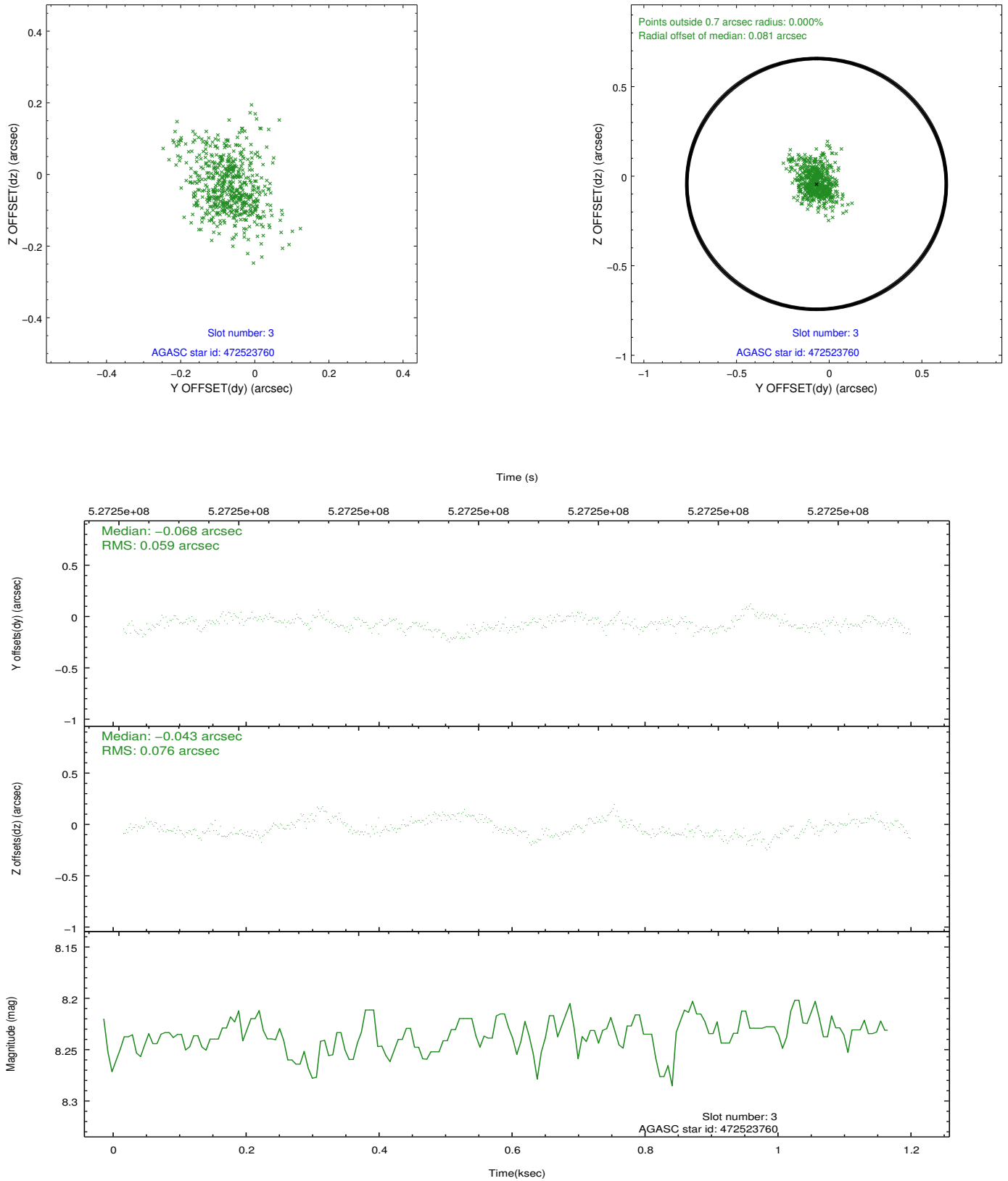


Slot Statistics

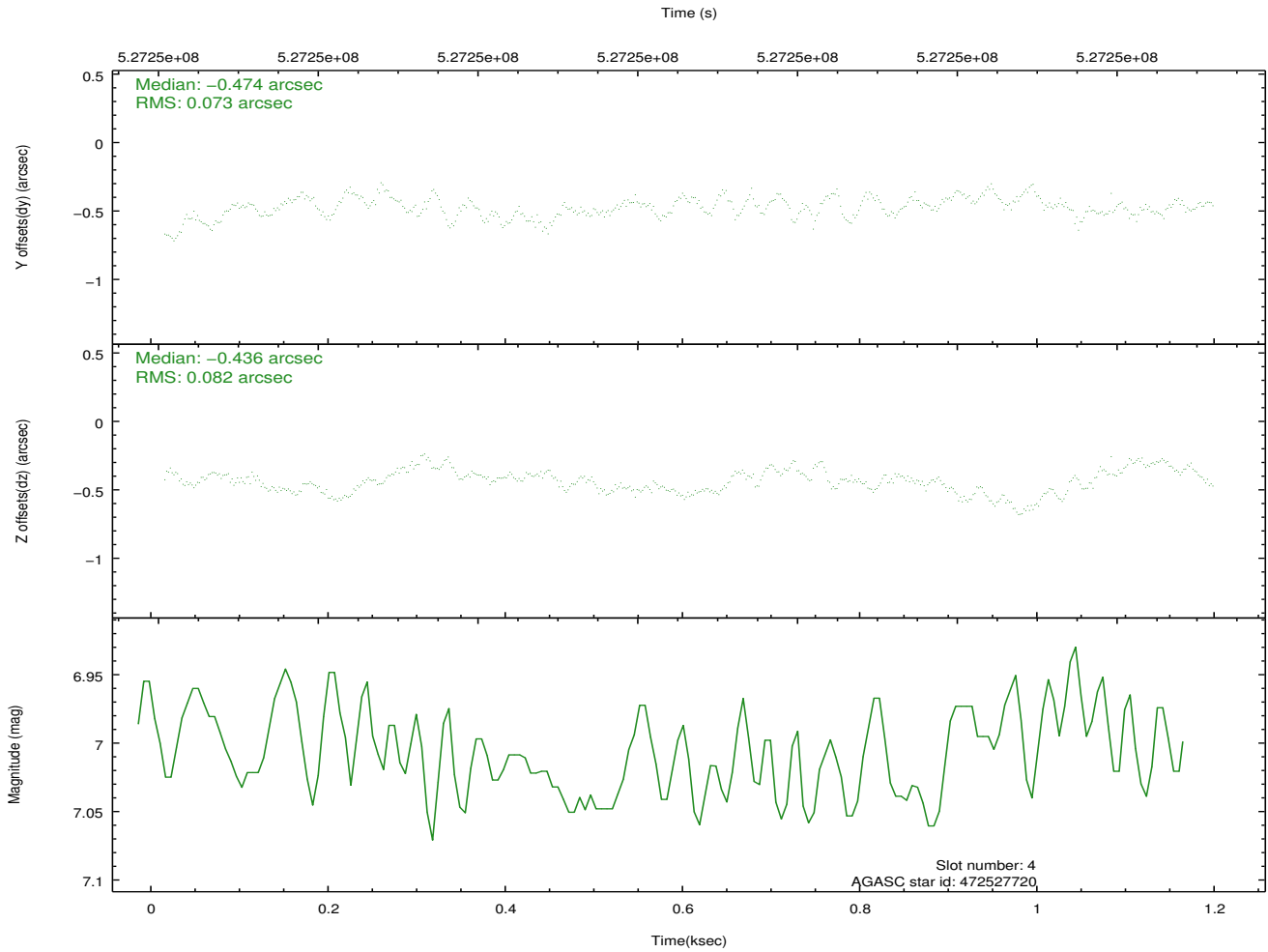
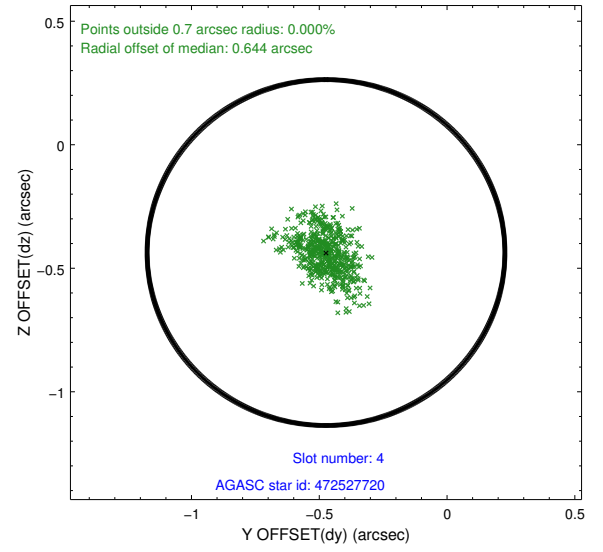
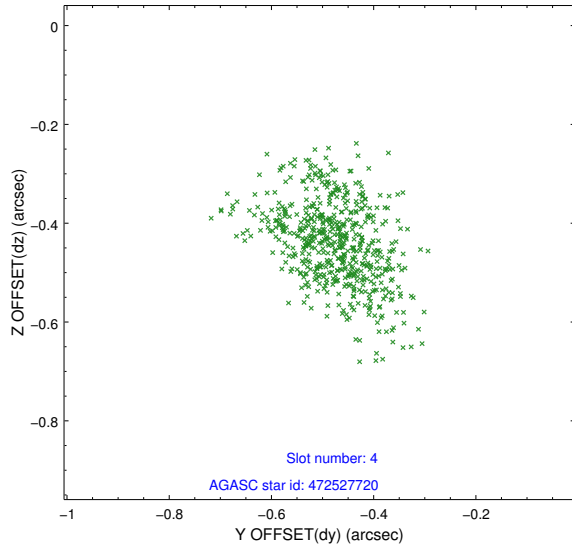
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	289	-0.125	0.029	0.006	0.011	0.000000	0.000000	-783.18	-1306.40
1	FID	HRC-I-2	7.06	289	0.260	-0.106	0.006	0.010	0.000000	0.000000	827.13	-1312.58
2	FID	HRC-I-3	7.12	289	-0.016	-0.011	0.006	0.012	0.000000	0.000000	-1208.76	993.57
3	GUIDE	472523760	8.23	578	-0.068	-0.043	0.096	0.184	331.645363	45.403260	1213.56	-88.96
4	GUIDE	472527720	7.01	578	-0.474	-0.436	0.115	0.201	331.460205	45.112509	2126.04	607.57
5	GUIDE	472651904	6.18	578	-0.108	-0.035	0.110	0.189	332.170077	45.742257	-524.49	-540.26
6	GUIDE	472655152	9.40	578	0.057	0.159	0.196	0.328	332.504239	45.862991	-1473.82	-533.06
7	GUIDE	472661712	9.99	576	0.596	0.362	0.239	0.400	331.914954	46.059715	-504.47	-1849.96

2.4 Star Slots

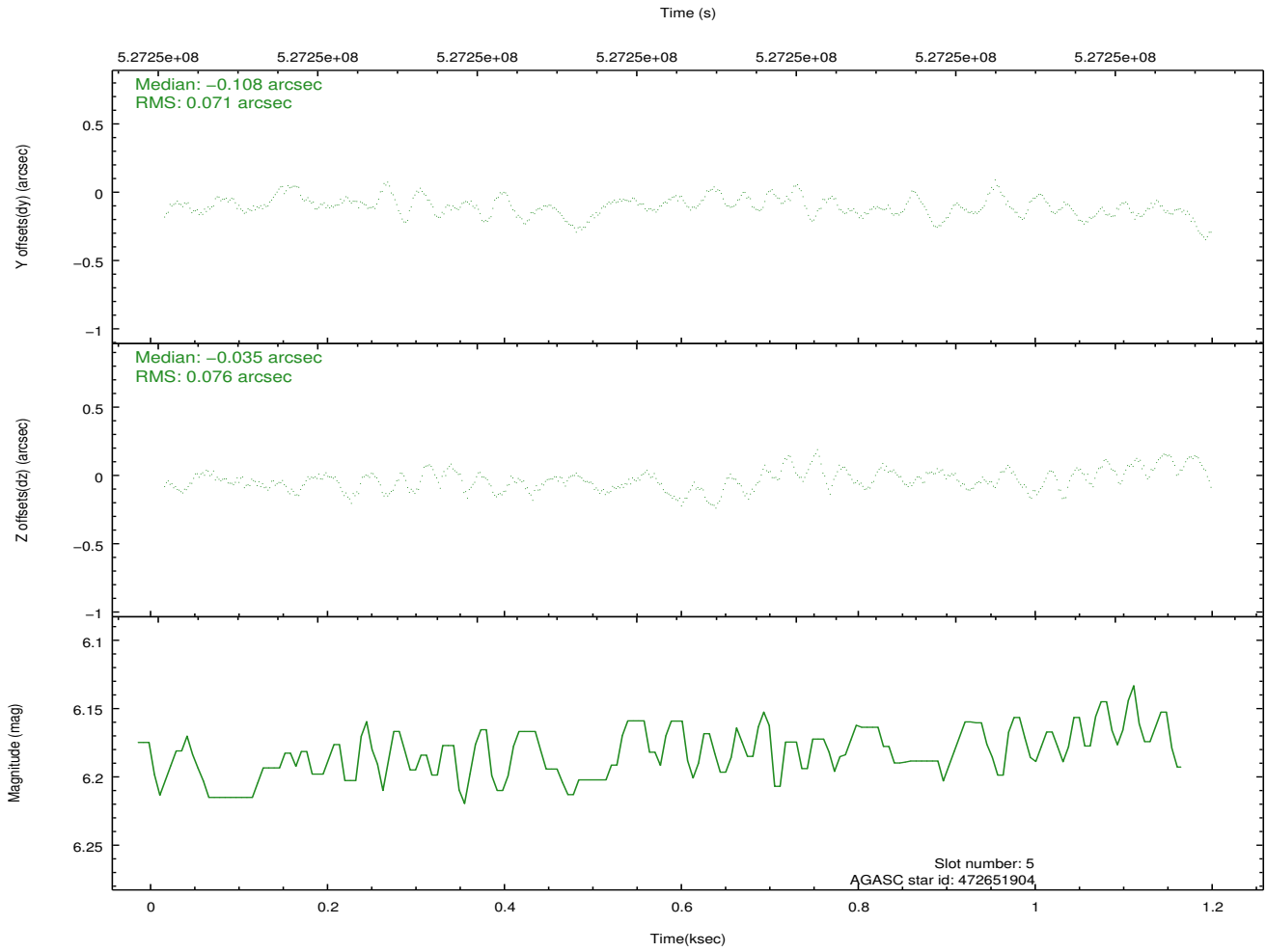
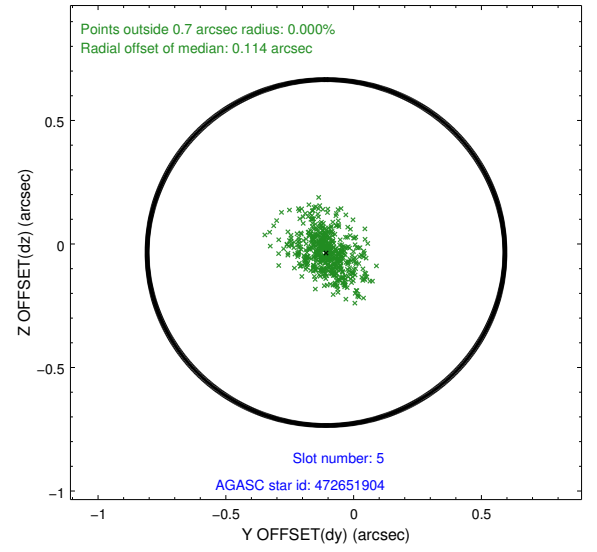
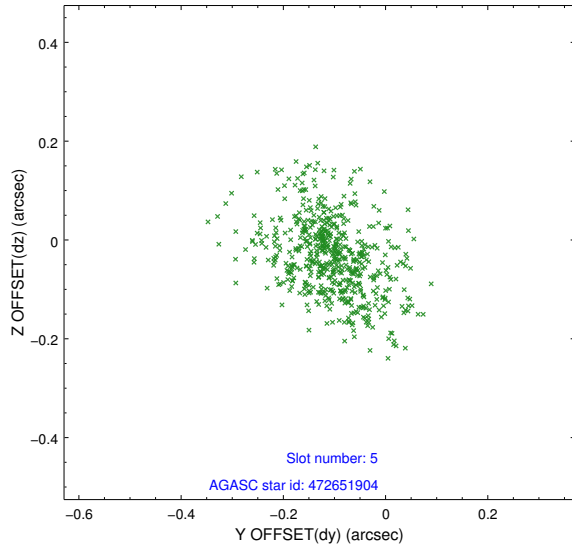
2.4.1 Slot 3



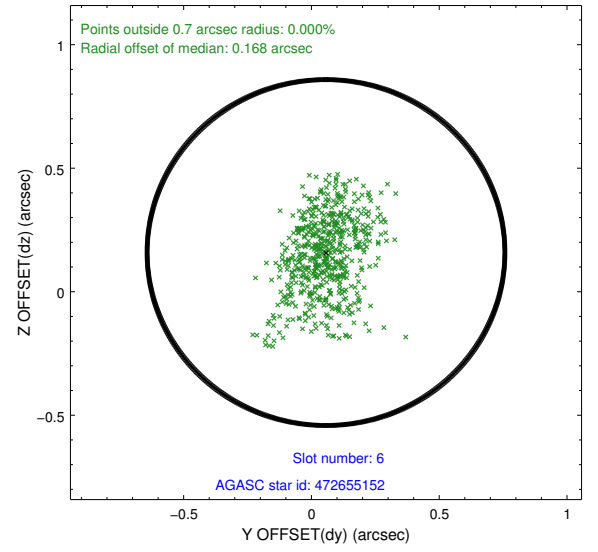
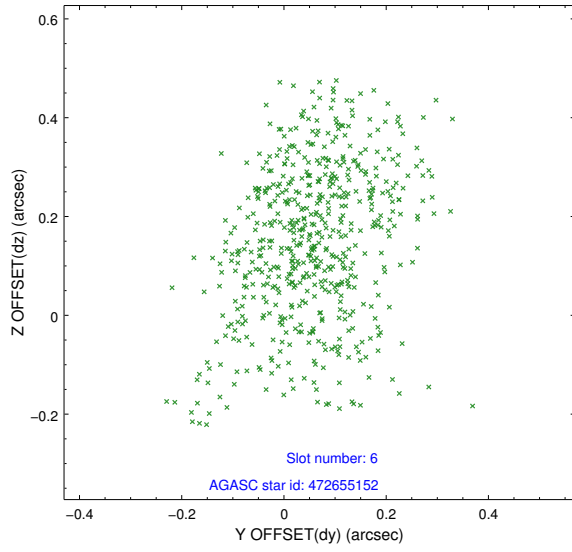
2.4.2 Slot 4



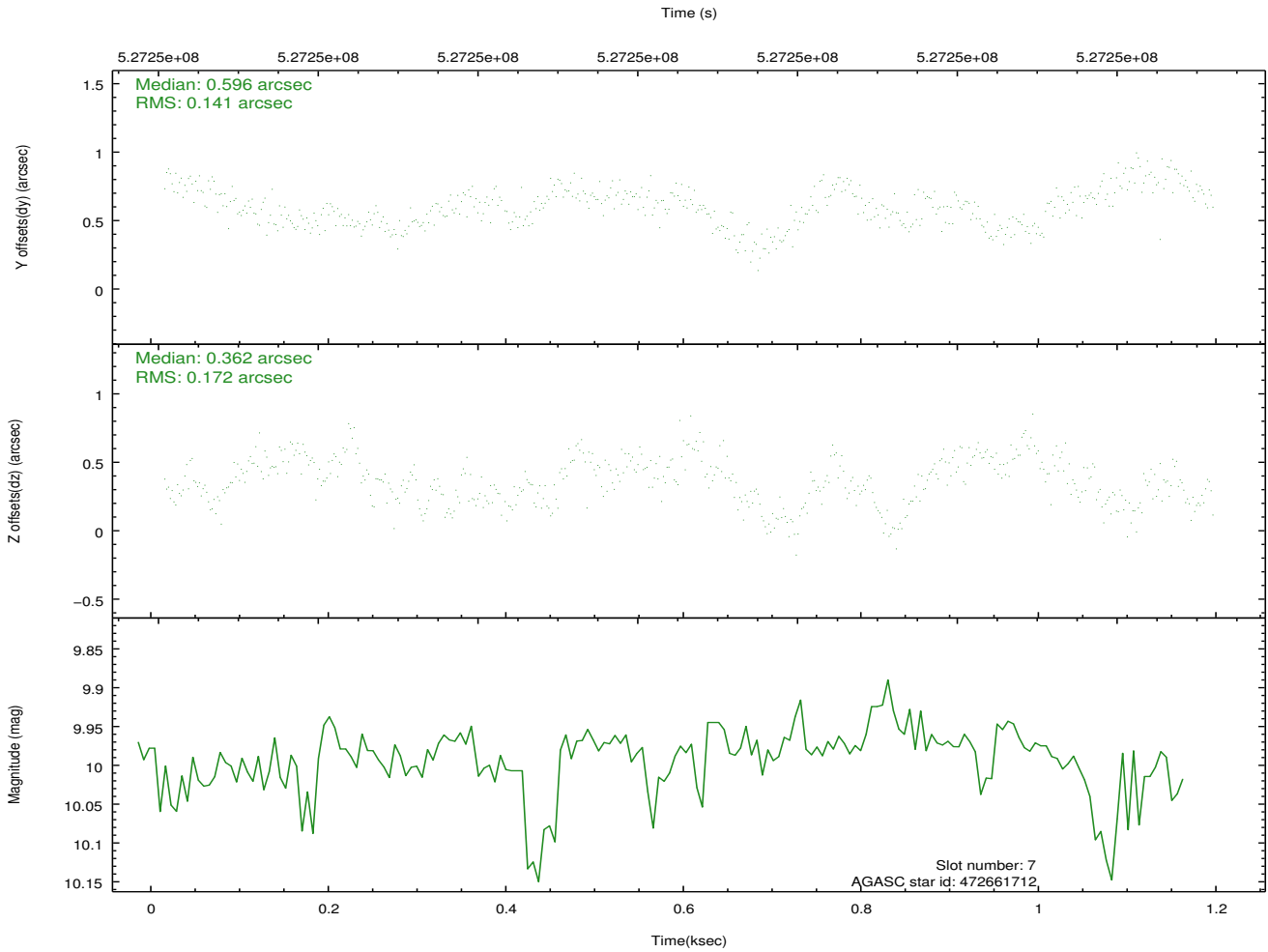
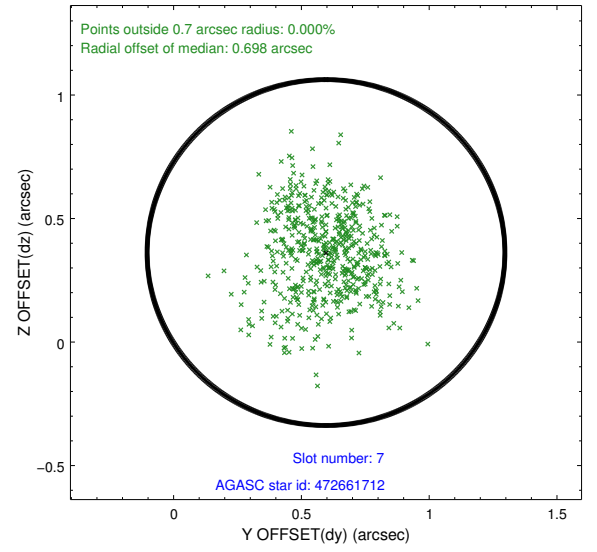
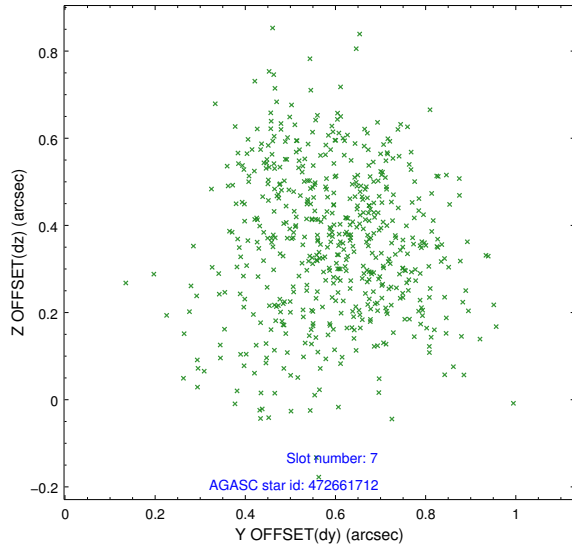
2.4.3 Slot 5



2.4.4 Slot 6

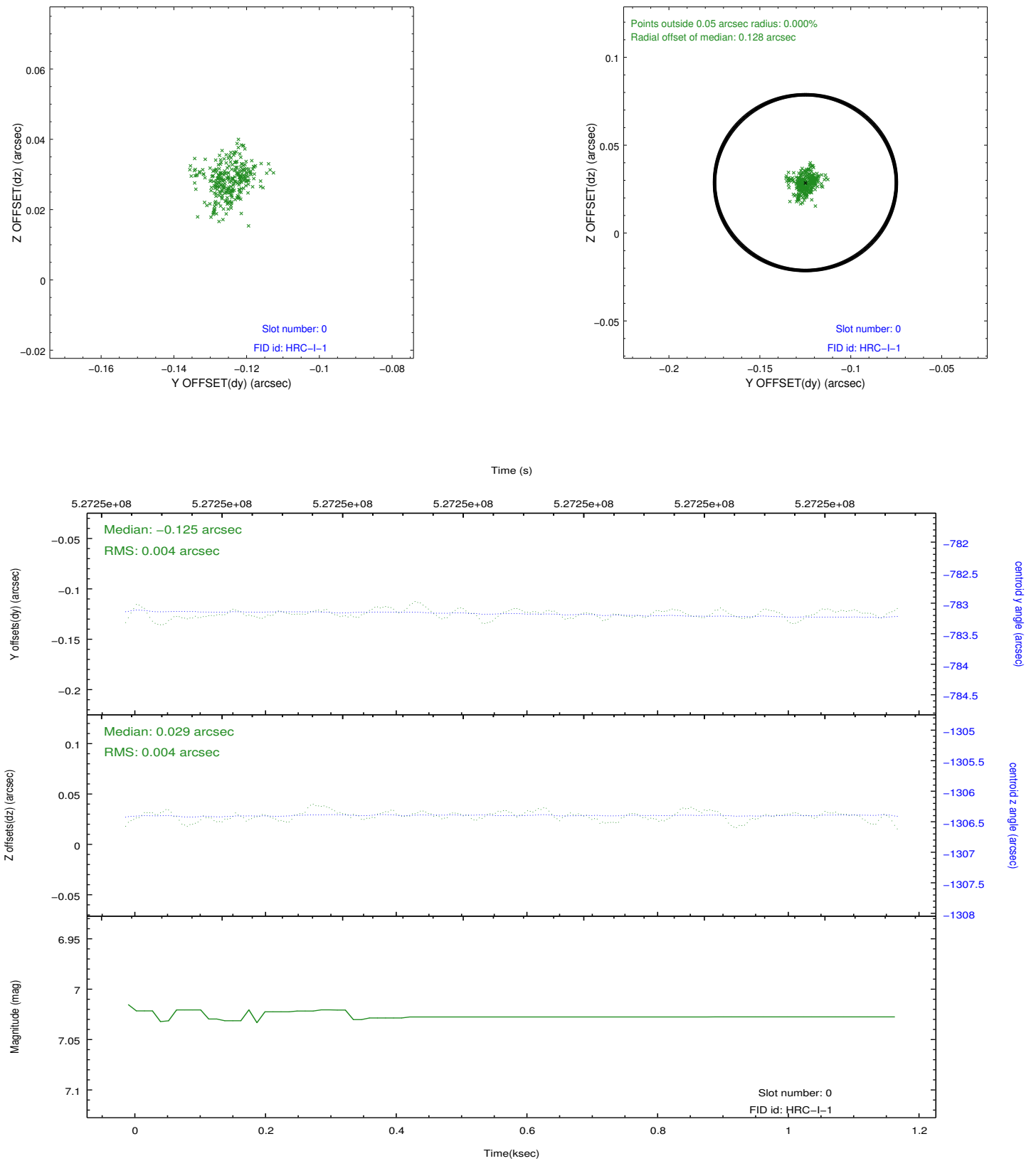


2.4.5 Slot 7

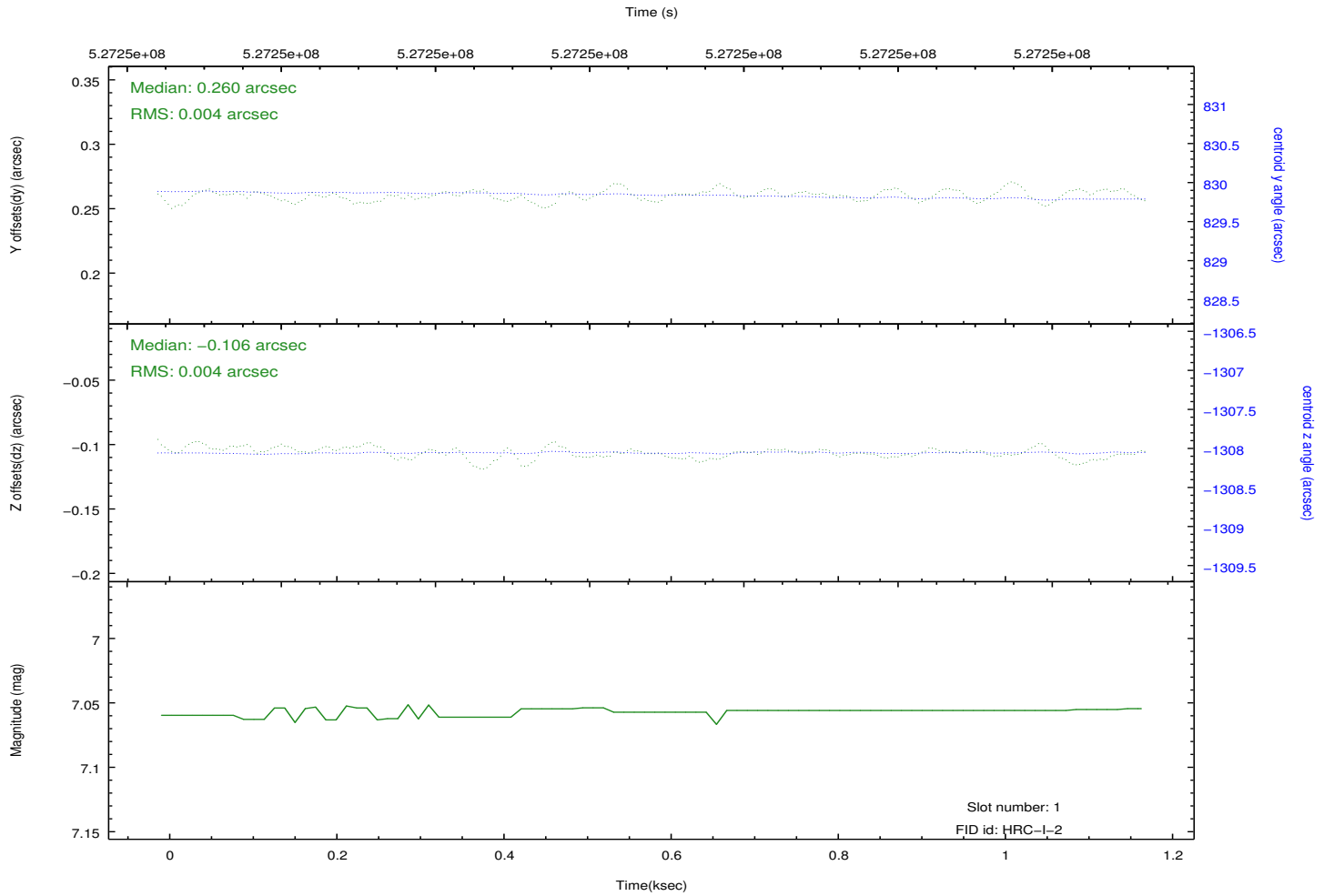
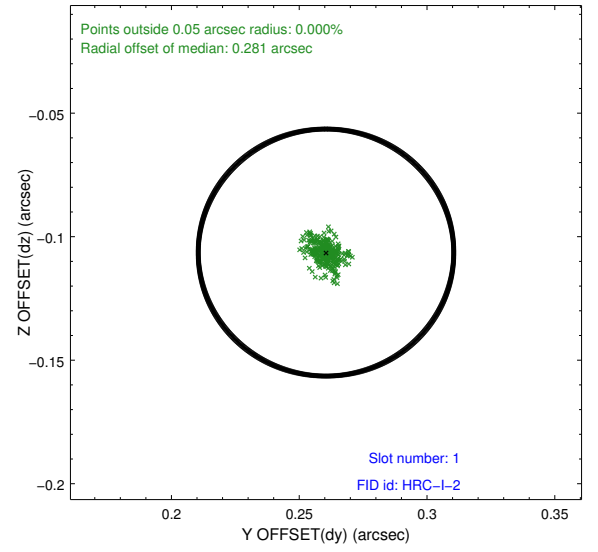
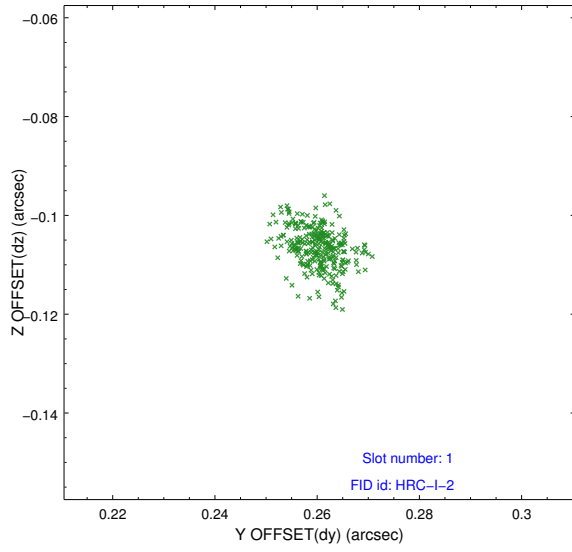


2.5 FID Slots

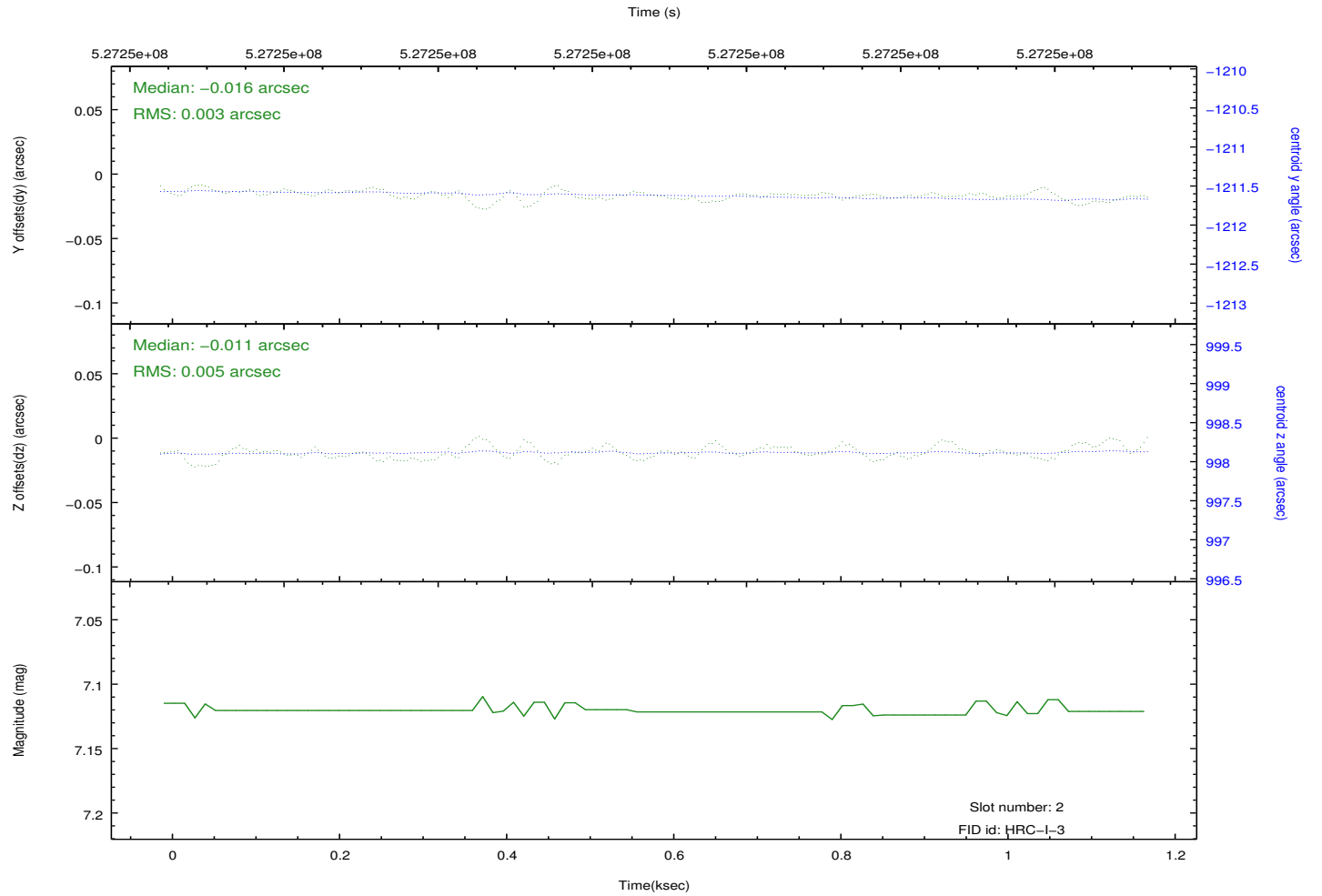
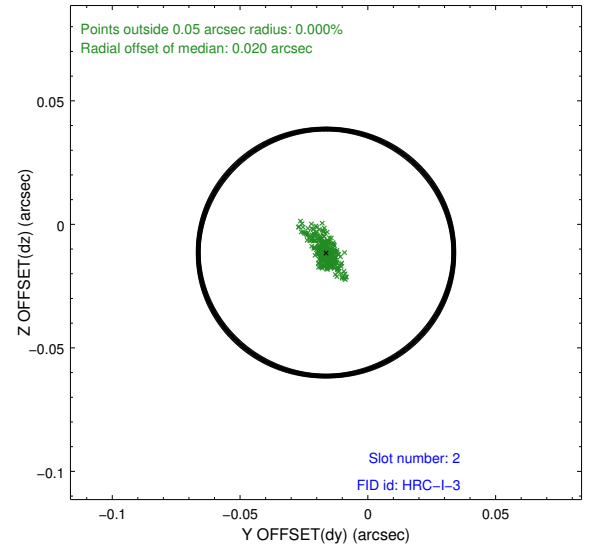
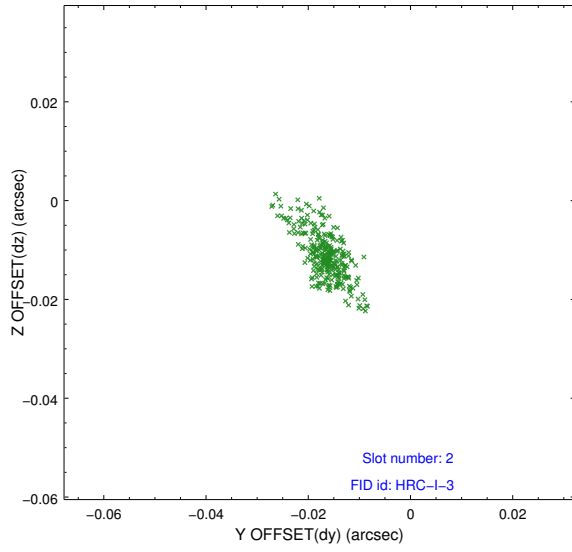
2.5.1 Slot 0



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)	2014.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1818250656724

A.2 Comments