

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8298 - L2 Version 4
Chandra X-Ray Center

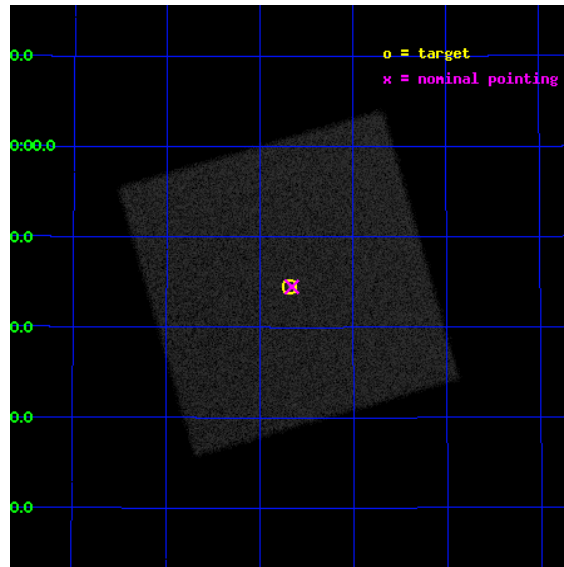
L2 Processing Date : Aug 11 2012

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1 Front

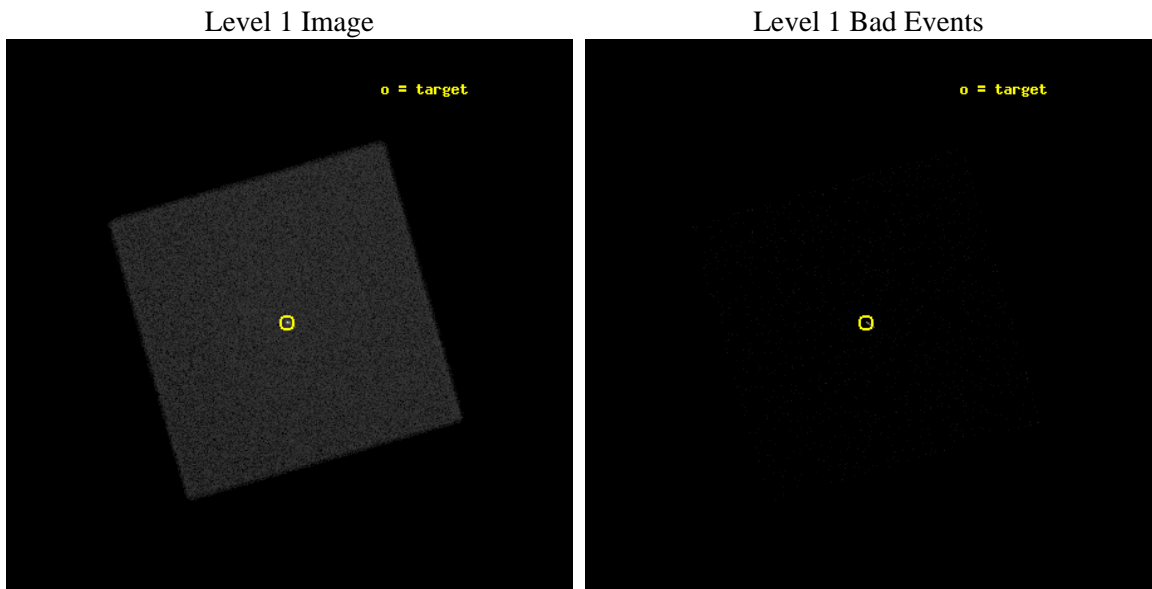
seq_num	290677	Sequence number
obs_id	8298	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16425778968	Nominal RA [deg]
dec_nom	45.741688733169	Nominal Dec [deg]
roll_nom	208.90303387329	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3176.4751529098	[s]
livetime	3142.8193000998	Ontime multiplied by DTCOR
l2events	202064	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	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3176.4751529098	[s]
caldbver	4.5.1.1	 	l1events	358072	Number of level 1 events
date	2012-08-12T00:58:13	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

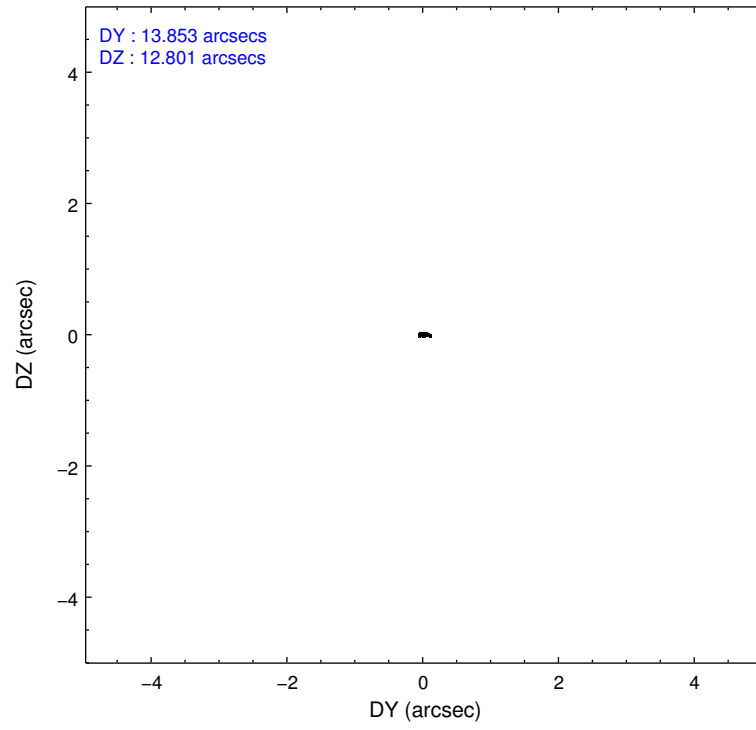
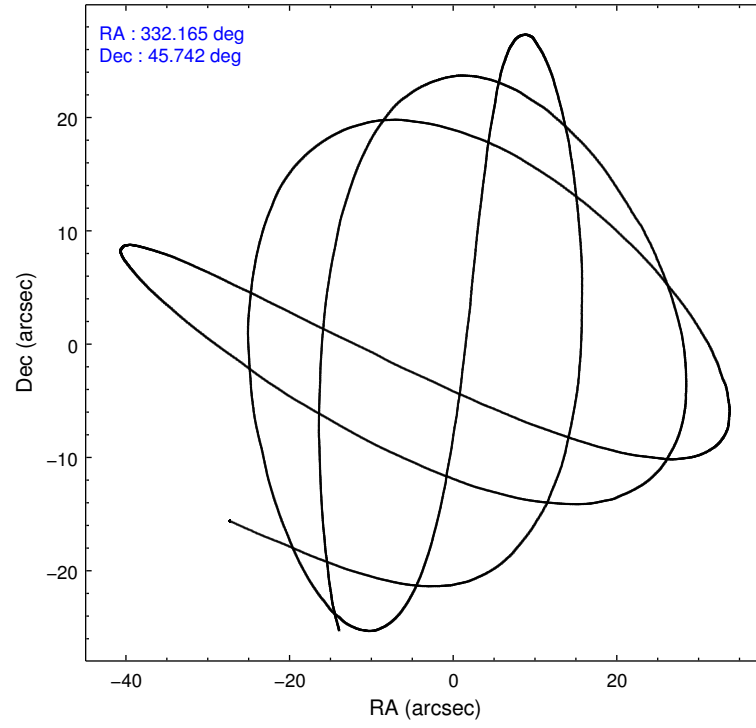
	segment 0
level 1 events	358072
rejected events	65482
rejected %	18%

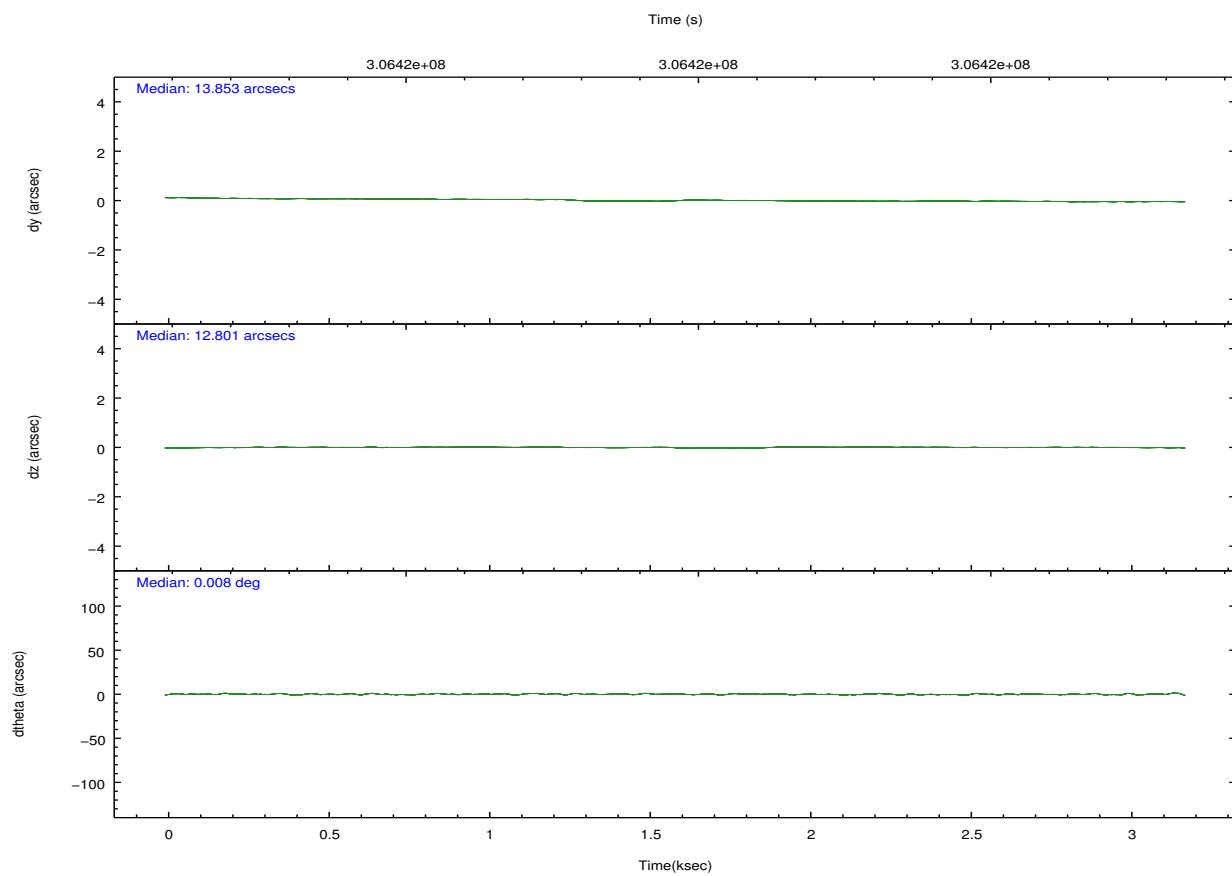
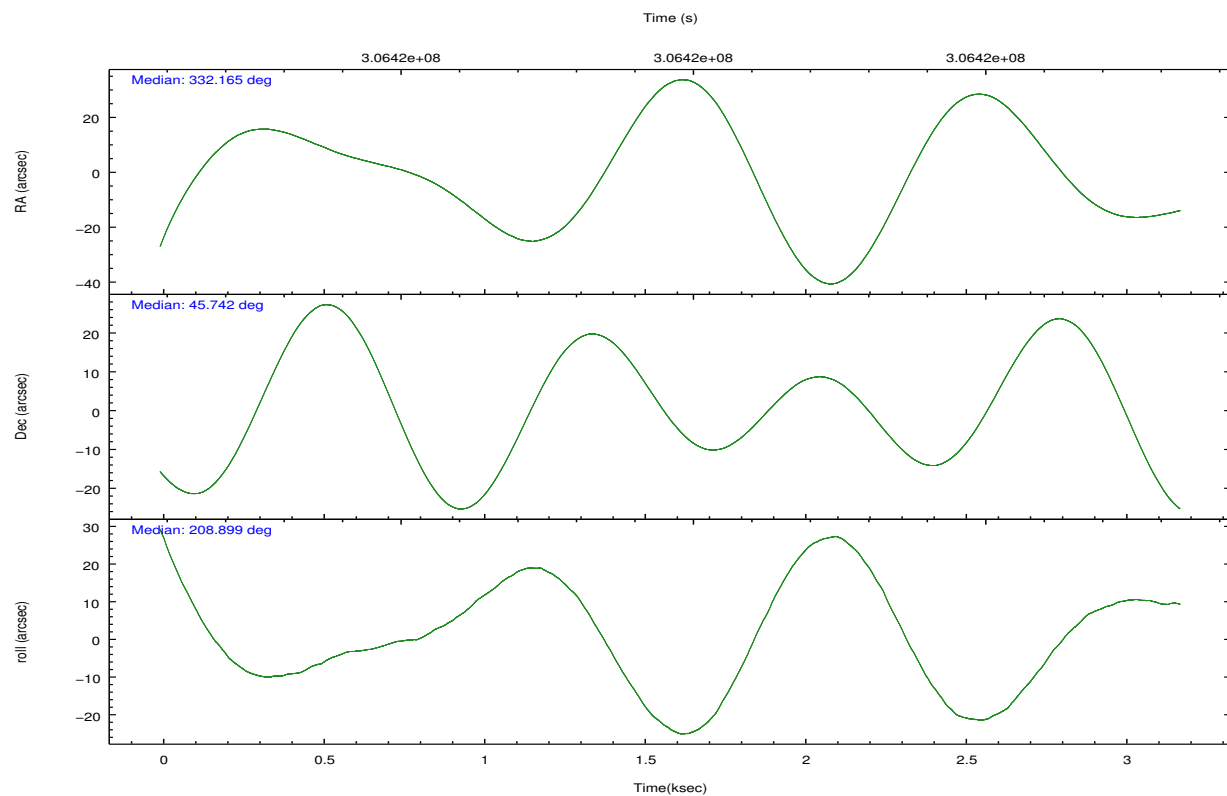
2.2 Compared Parameters

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	332.183356	332.164257789684
[deg] Pointing Dec	45.765381	45.7416887331693
[deg] Pointing Roll	208.984823	208.9030338732875
[s] Window start time (MET)	302313665.184000	302313665.184000
[s] Window stop time (MET)	310176065.184000	310176065.184000
[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)	306422502.184000	306421718.17557
Observation start date	2007-09-17T13:20:37	2007-09-17T13:08:38
[s] Observation end time (MET)	306425502.184000	306425636.23826
Observation end date	2007-09-17T14:10:37	2007-09-17T14:13:56

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

2.3 Aspect



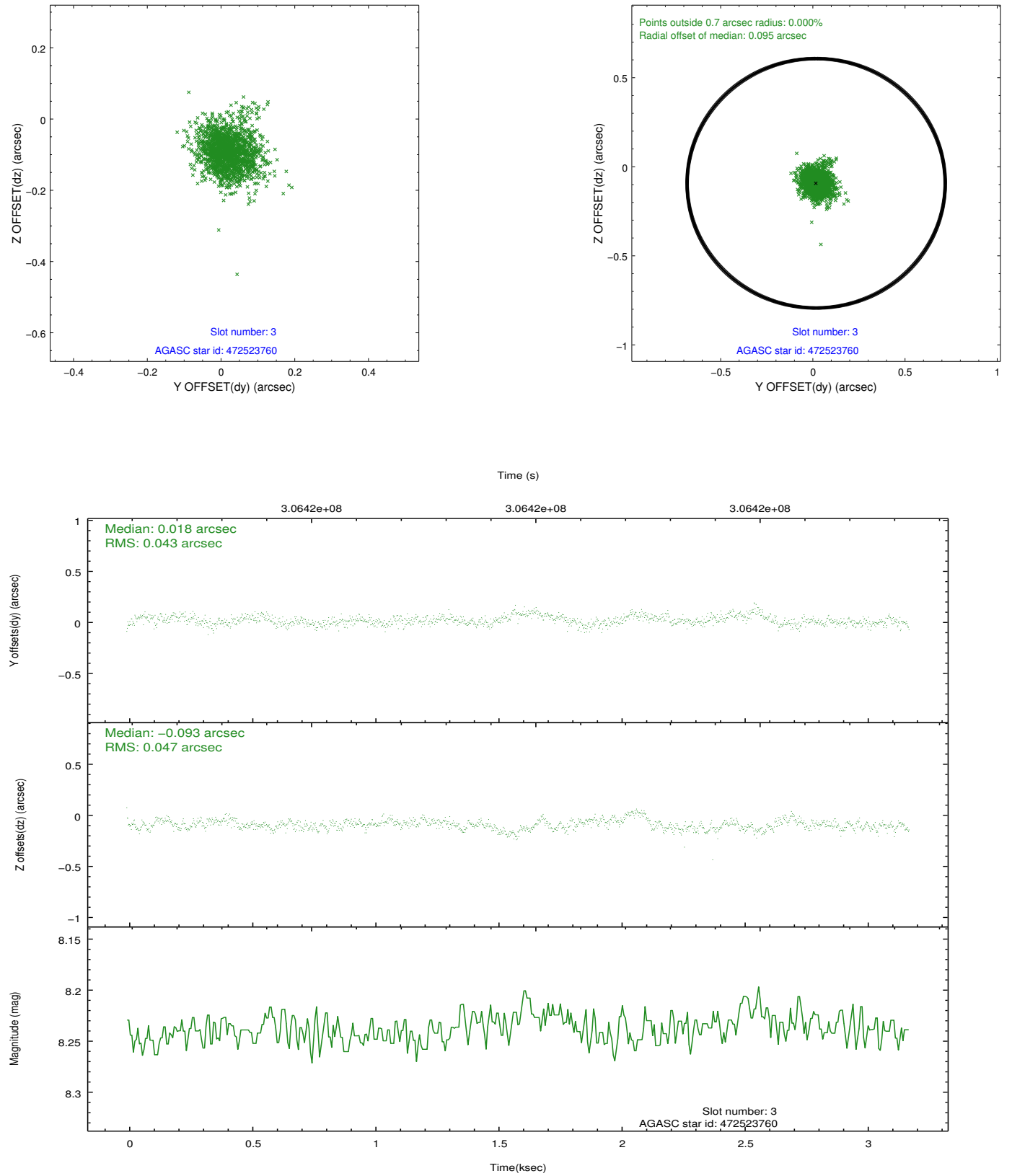


Slot Statistics

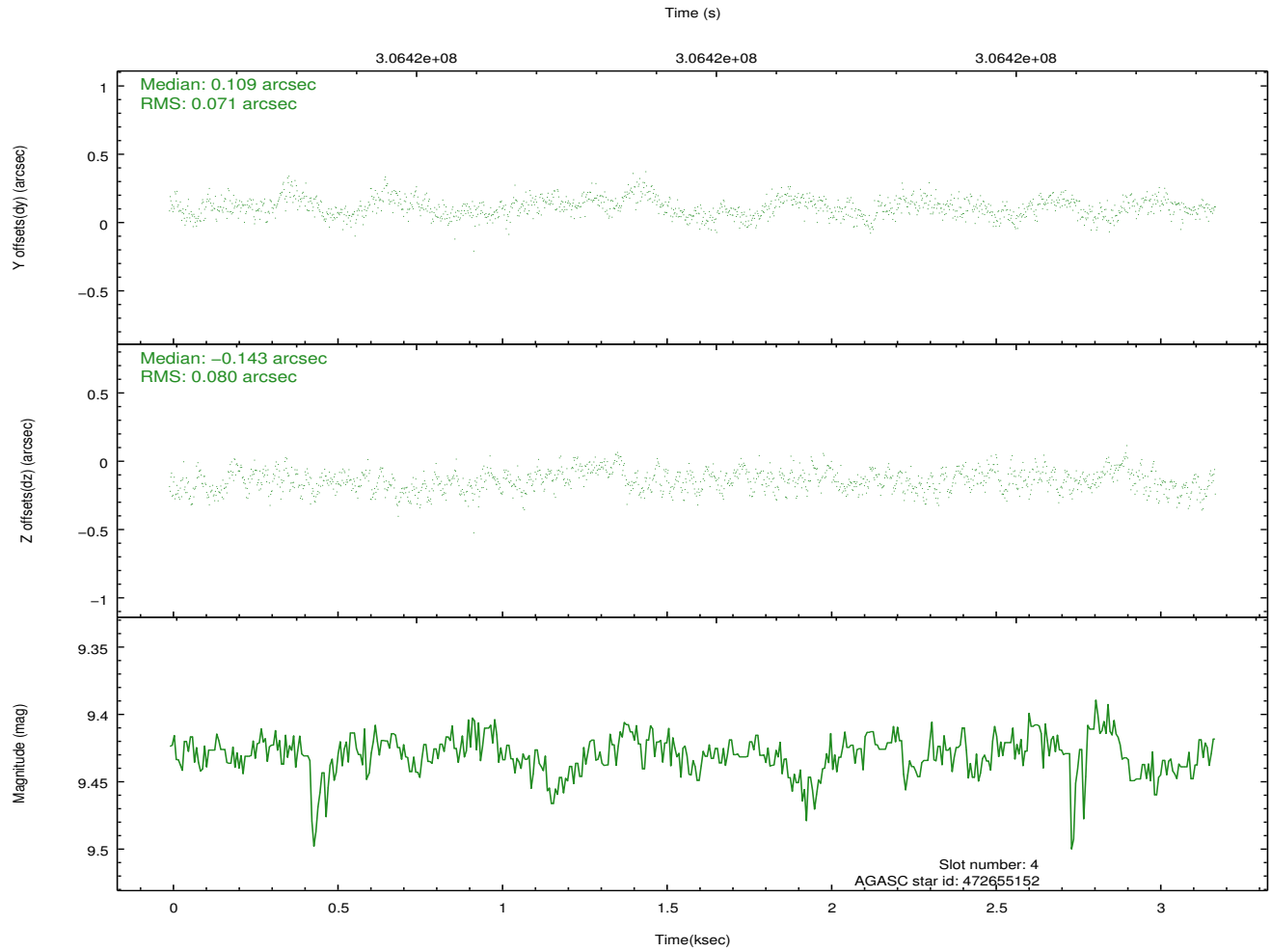
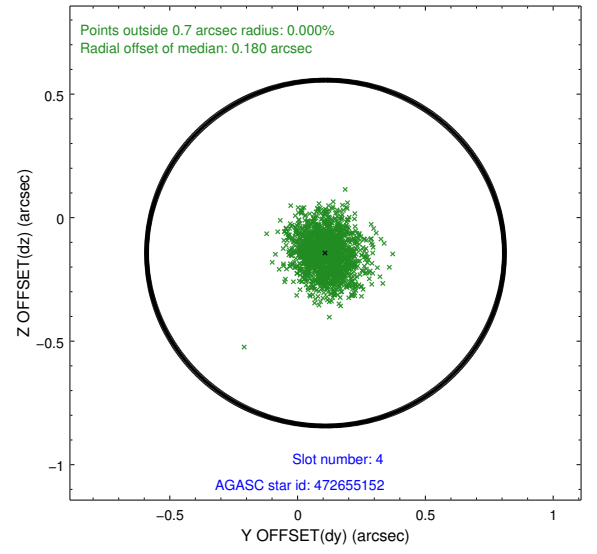
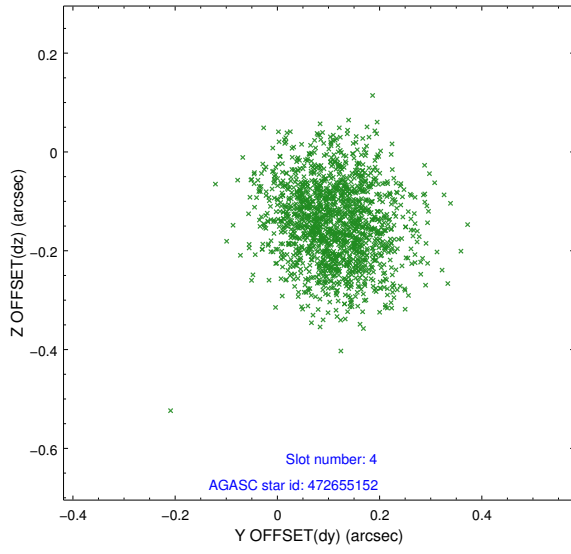
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	775	-0.061	0.031	0.007	0.011	0.000000	0.000000	-769.70	-1300.84
1	FID	HRC-I-2	7.01	775	0.243	-0.160	0.006	0.011	0.000000	0.000000	842.24	-1304.28
2	FID	HRC-I-3	7.07	776	-0.063	0.039	0.005	0.011	0.000000	0.000000	-1197.10	1002.05
3	GUIDE	472523760	8.24	1550	0.018	-0.093	0.065	0.114	331.645363	45.403260	1819.86	477.10
4	GUIDE	472655152	9.43	1550	0.109	-0.143	0.115	0.184	332.504239	45.862991	-872.71	80.88
5	GUIDE	472665256	9.01	1550	0.150	0.163	0.076	0.125	332.808125	46.195041	-2113.98	-604.22
6	GUIDE	472533912	9.16	1548	0.030	0.069	0.111	0.177	331.791136	46.368695	-201.79	-2374.77
7	GUIDE	472525528	6.63	1549	-0.314	0.000	0.078	0.132	331.551102	45.248694	2300.35	843.38

2.4 Star Slots

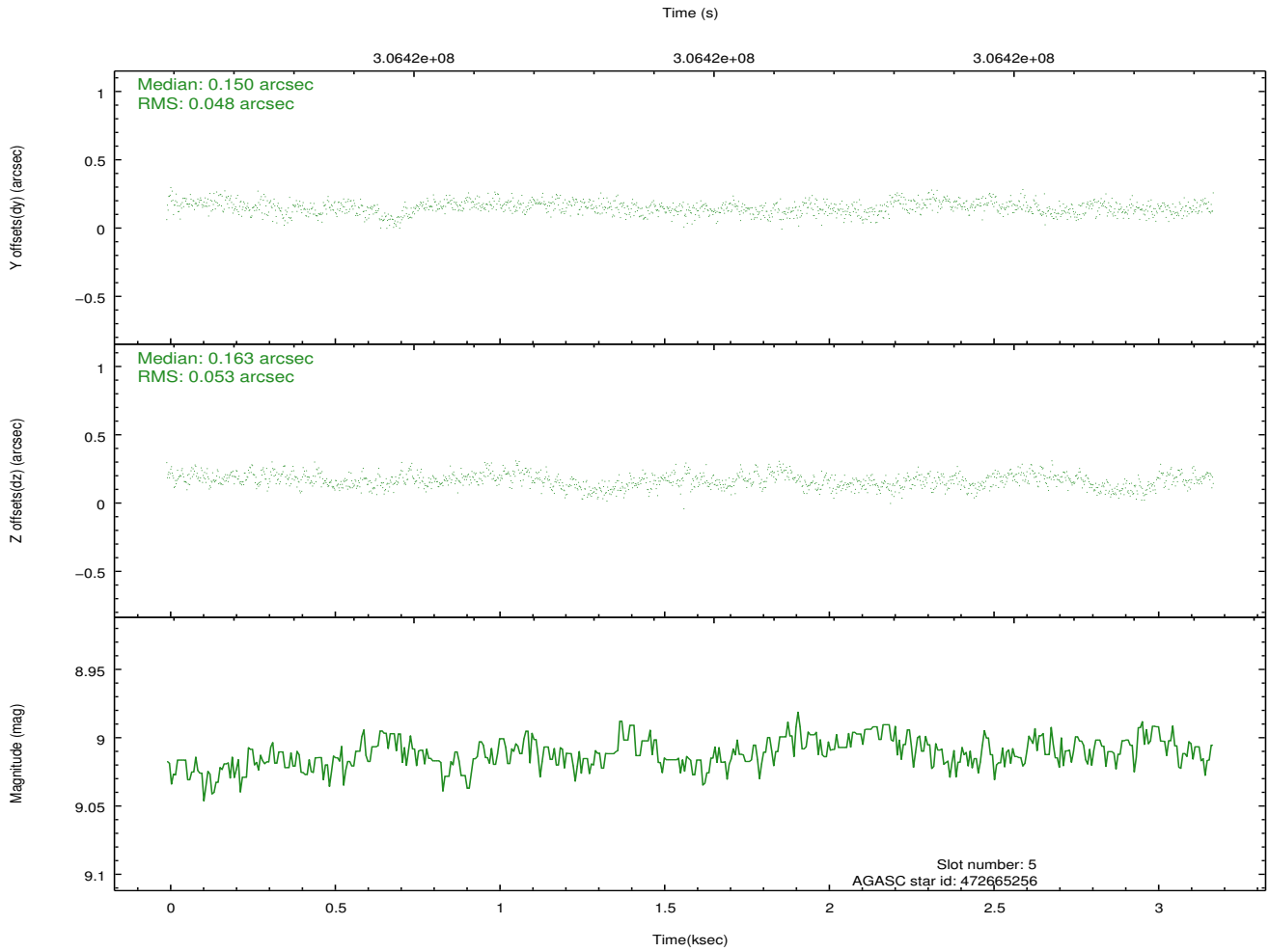
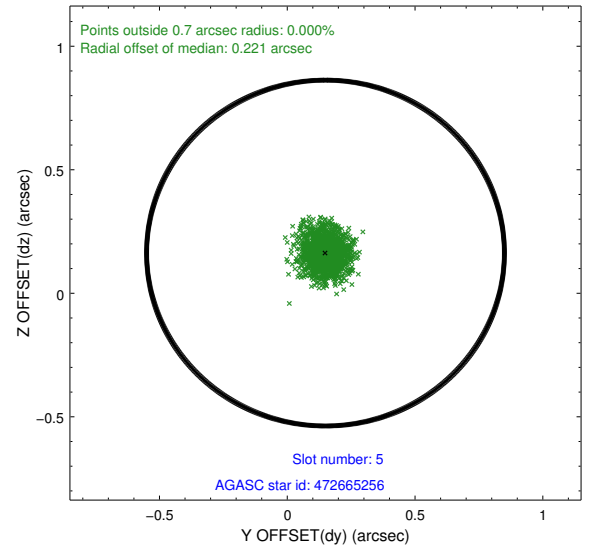
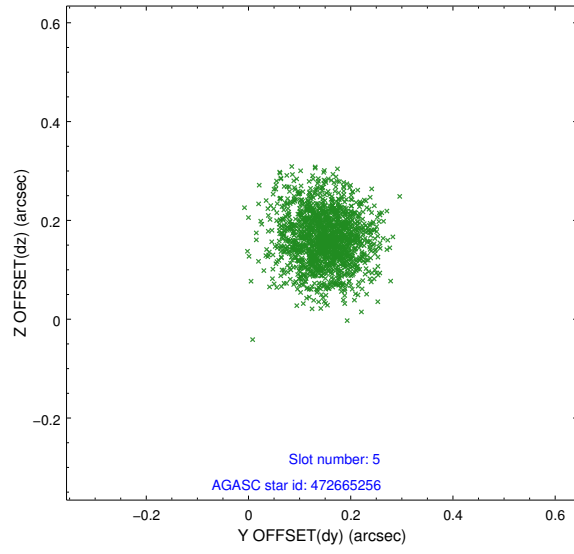
2.4.1 Slot 3



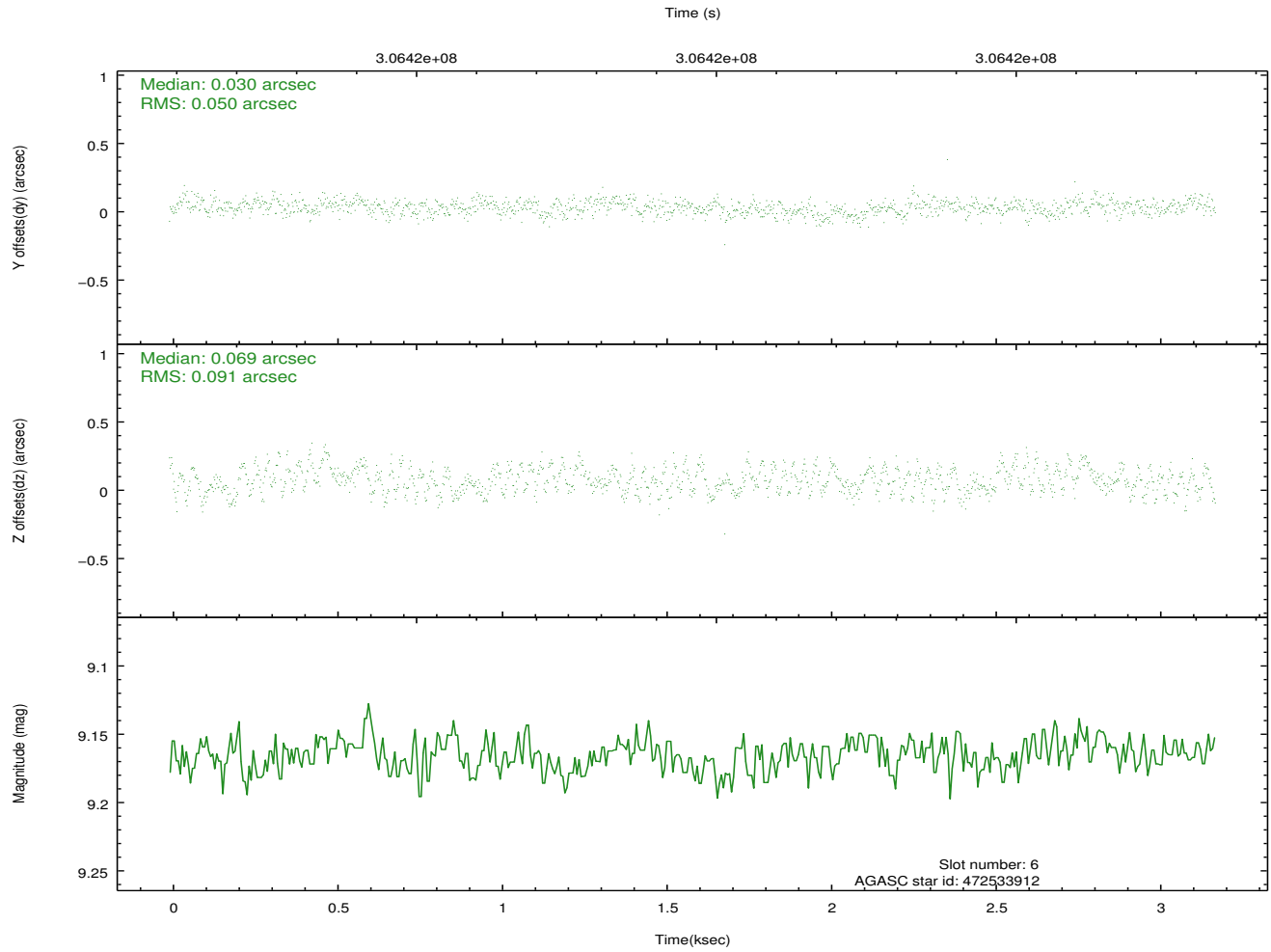
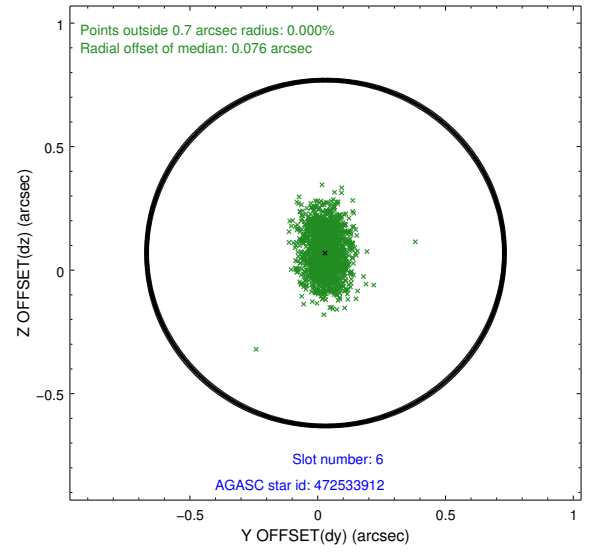
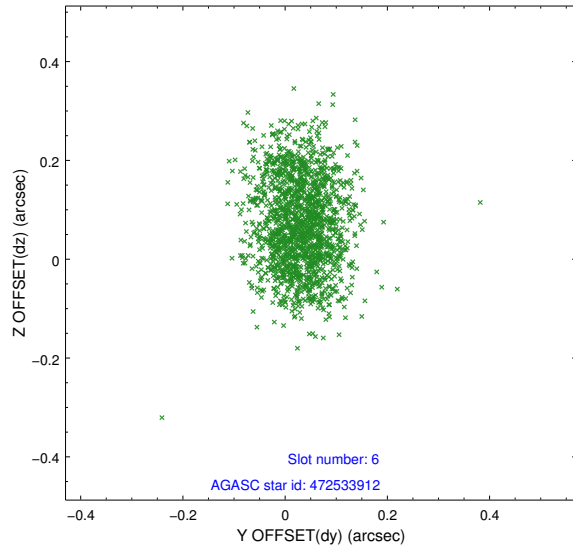
2.4.2 Slot 4



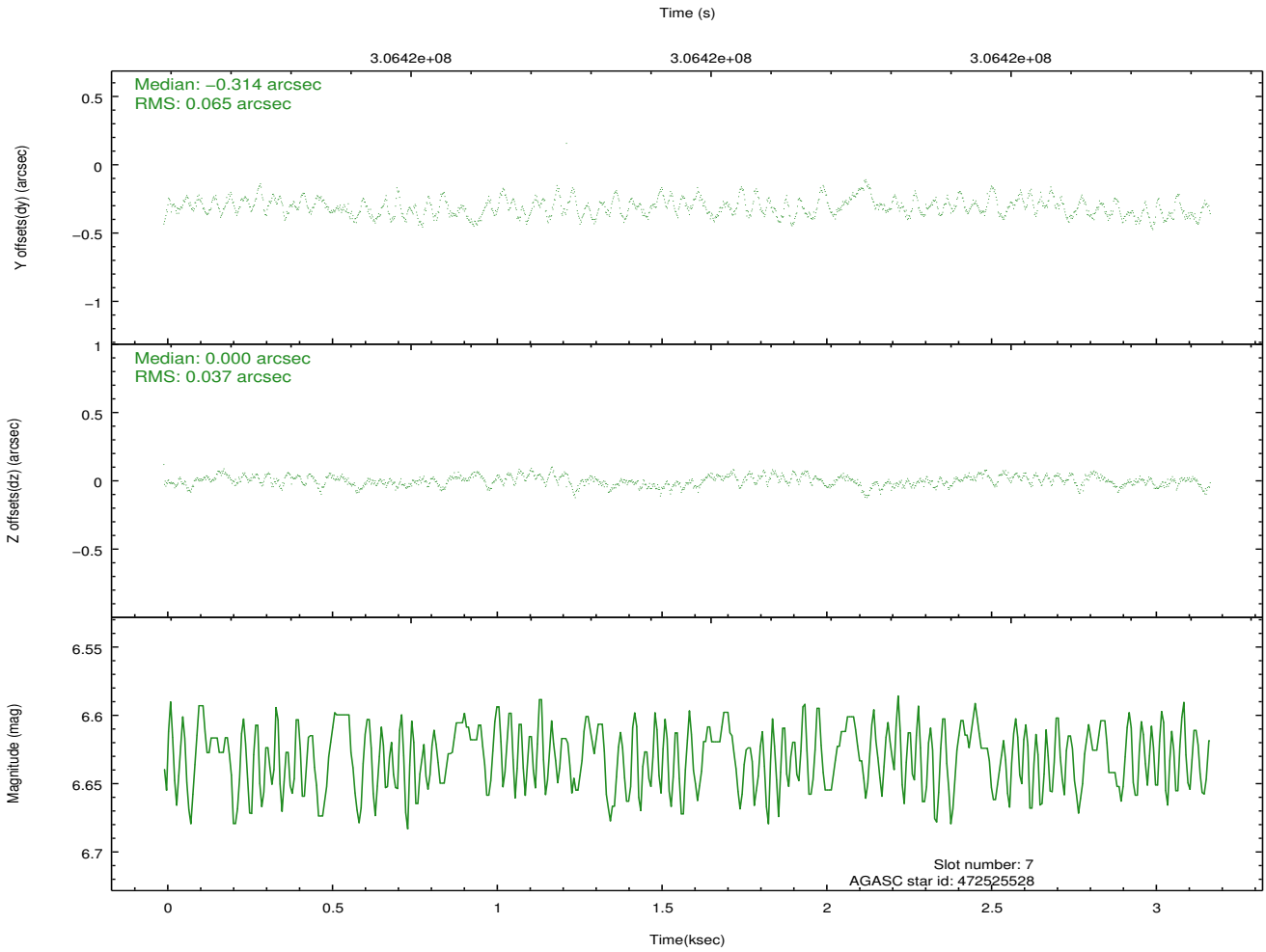
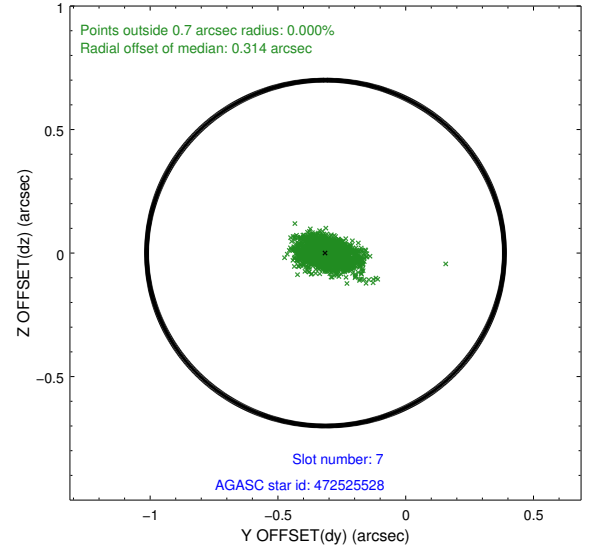
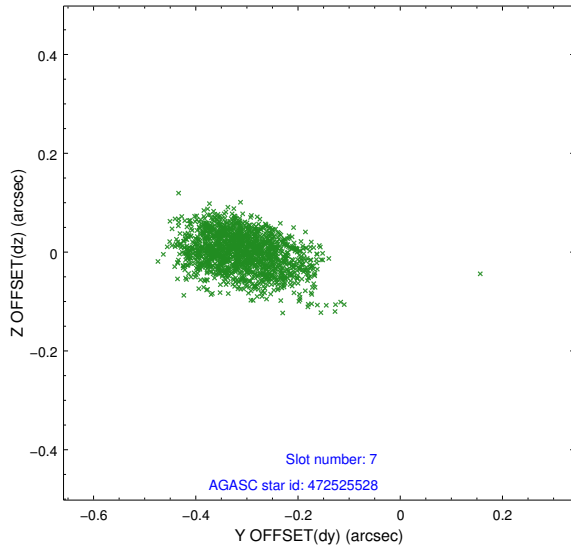
2.4.3 Slot 5



2.4.4 Slot 6

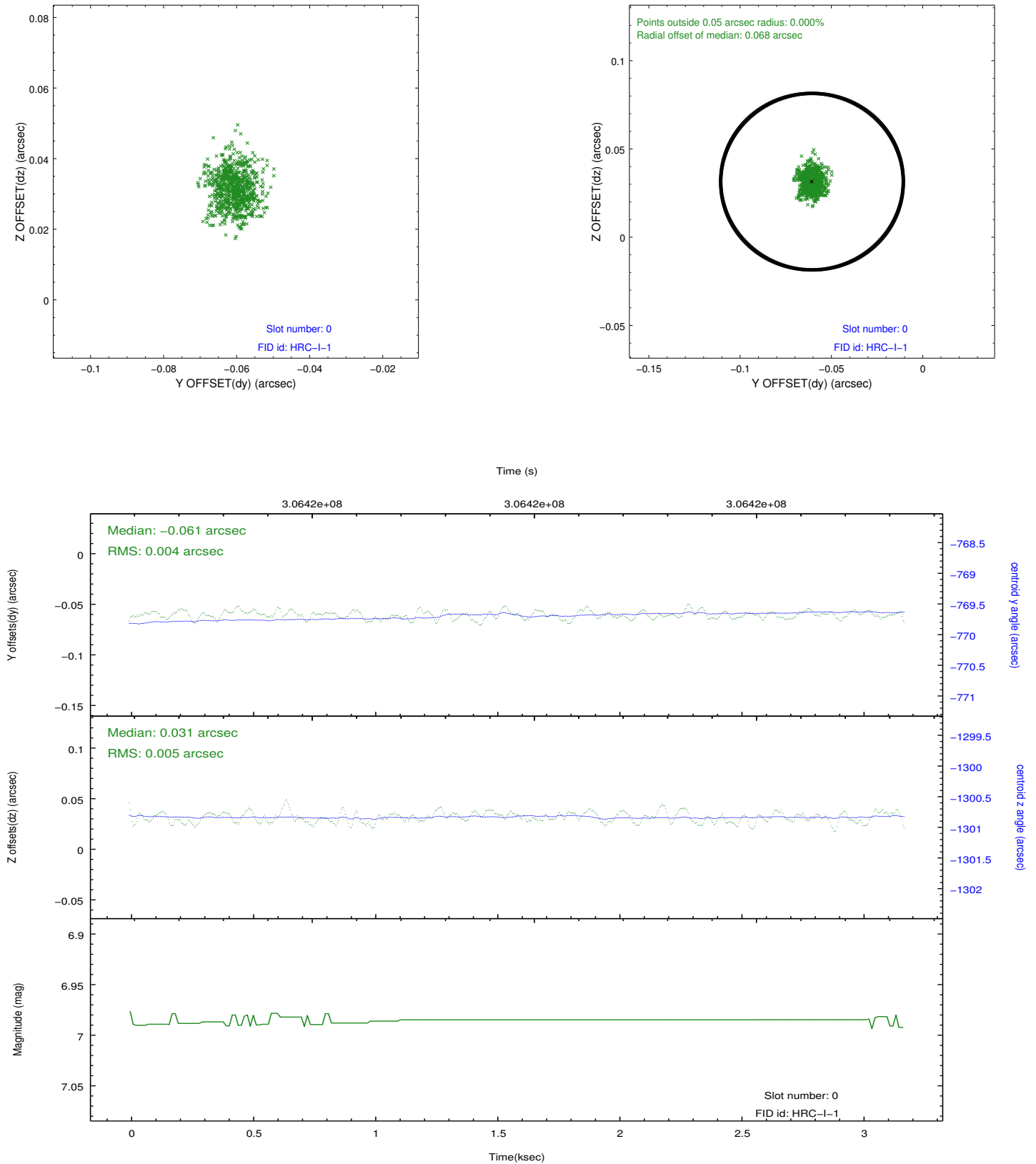


2.4.5 Slot 7

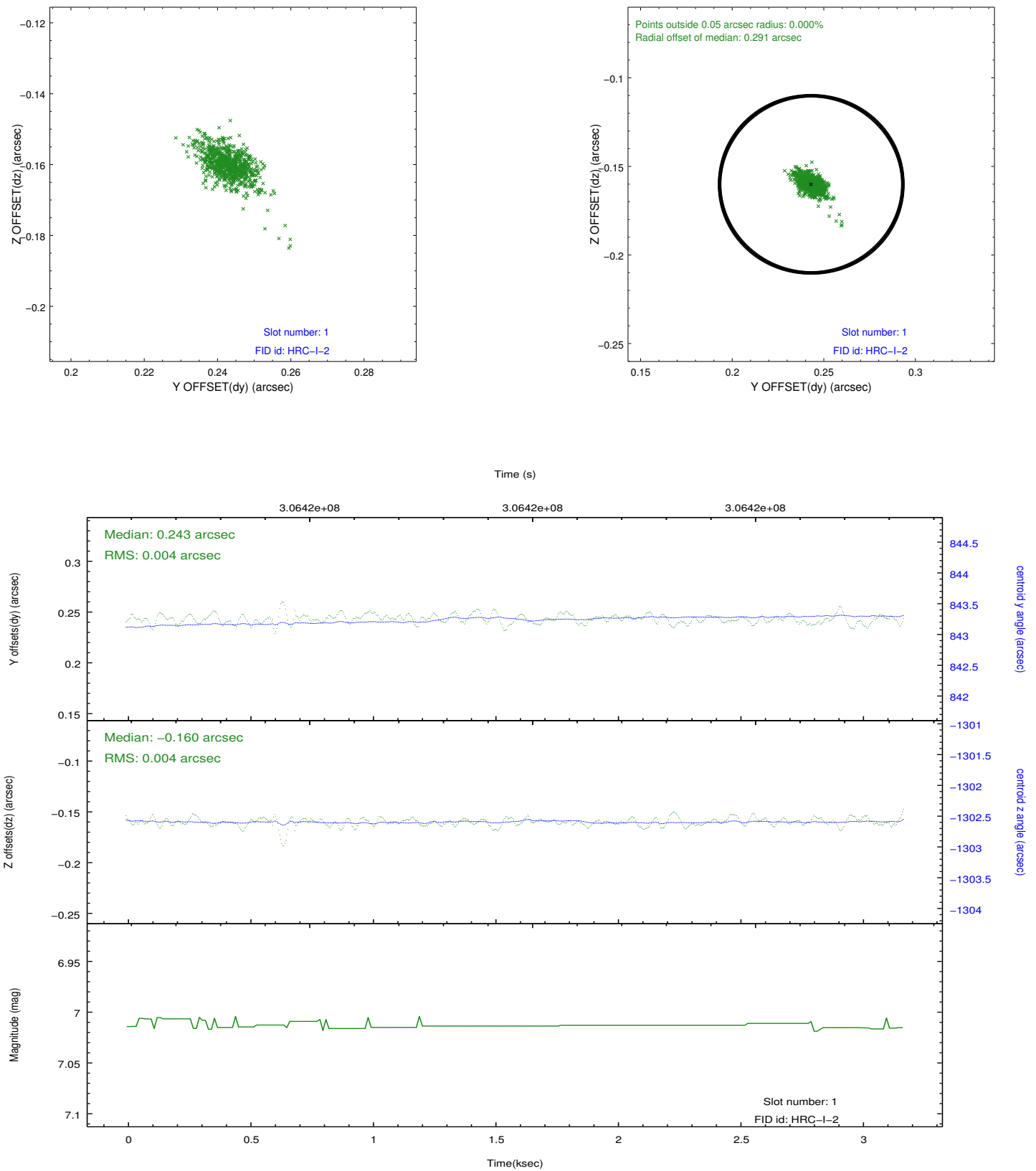


2.5 FID Slots

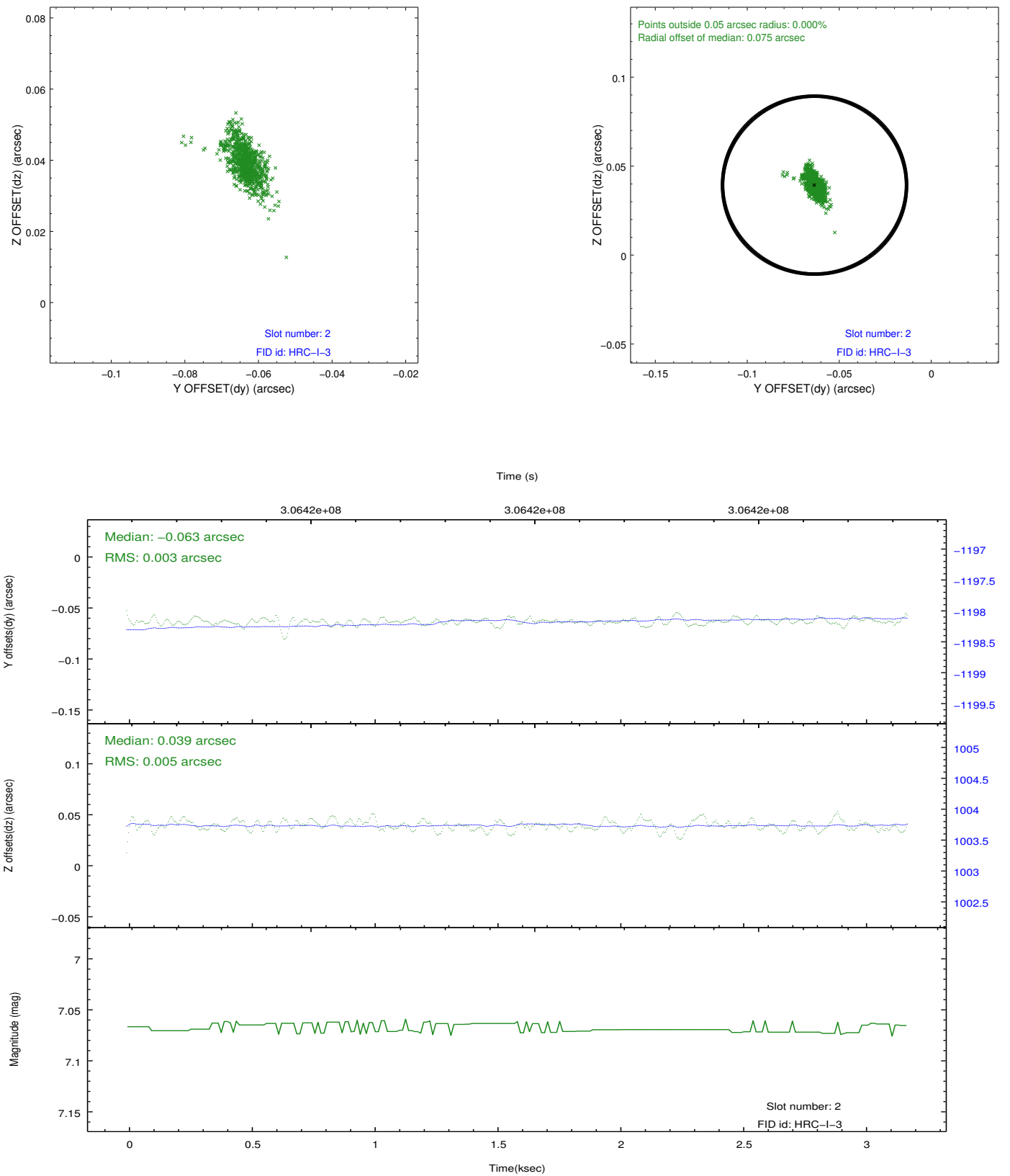
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1767314

A.2 Comments

Window preference met.