

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 282 - L2 Version 6
Chandra X-Ray Center

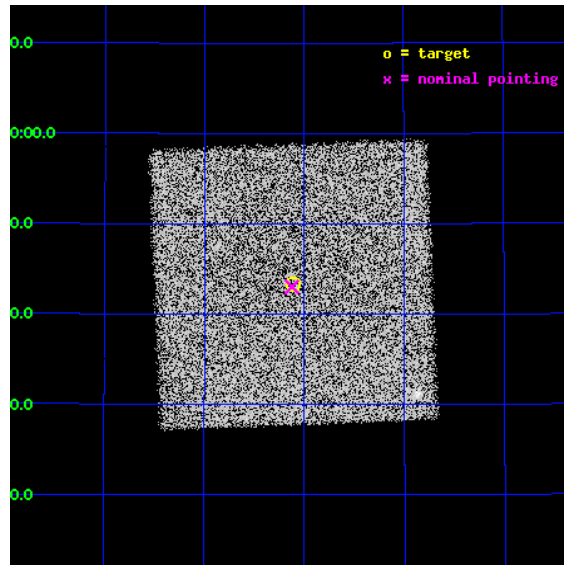
L2 Processing Date : Aug 22 2012

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1 Front

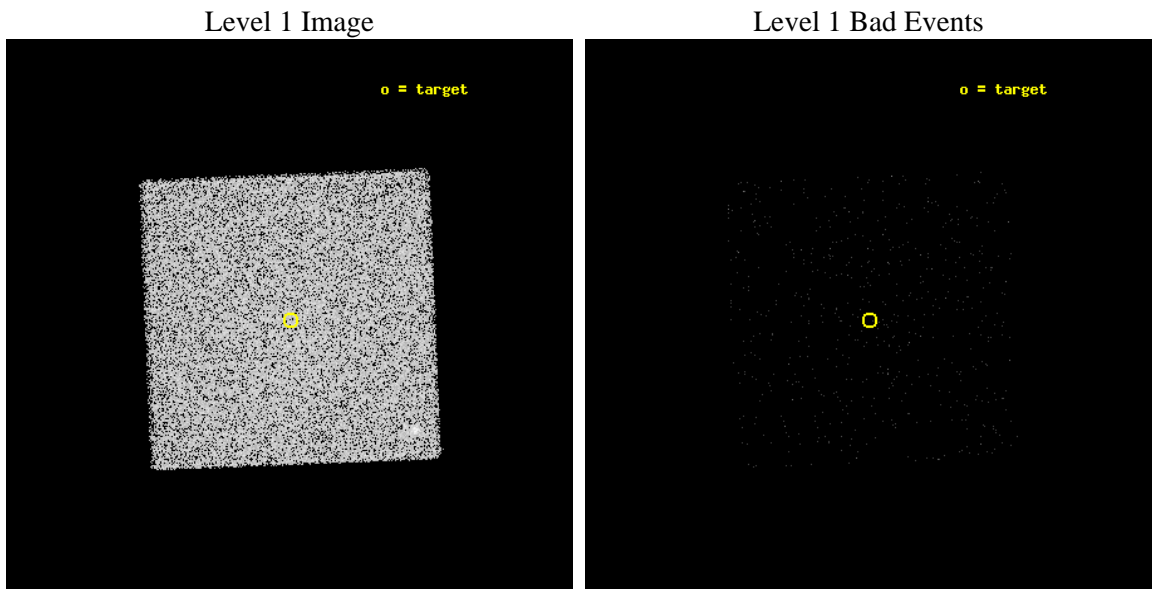
seq_num	600042	Sequence number
obs_id	282	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - North 1	Source name
ra_targ	11.029167	Observer's specified target RA [deg]
dec_targ	41.721111	Observer's specified target Dec [deg]
ra_nom	11.030929628745	Nominal RA [deg]
dec_nom	41.717232348141	Nominal Dec [deg]
roll_nom	312.69137529156	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1485.4813041613	[s]
livetime	1475.878482609	Ontime multiplied by DTCOR
l2events	55288	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1485.4813041613	[s]
caldsver	4.5.1.1	 	l1events	101444	Number of level 1 events
date	2012-08-22T13:09:19	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

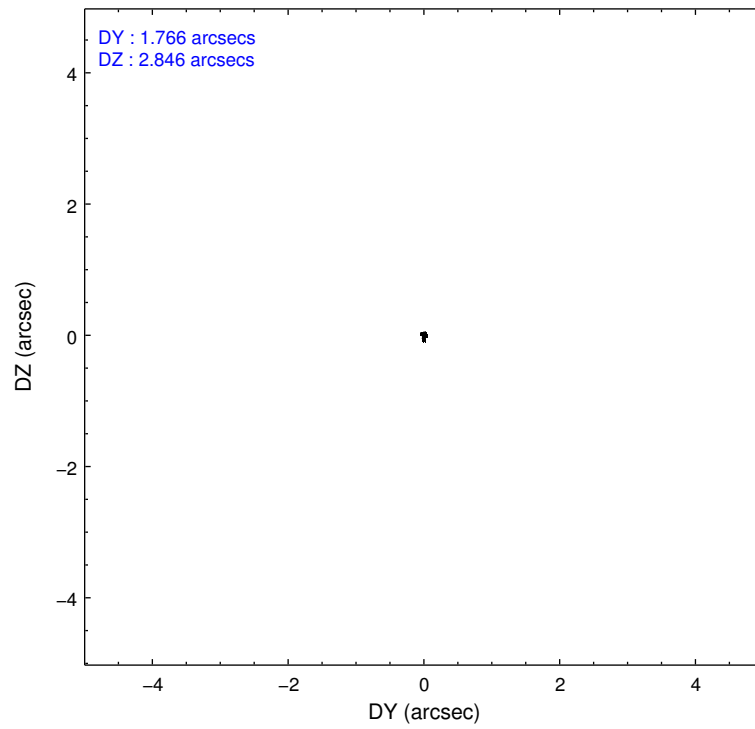
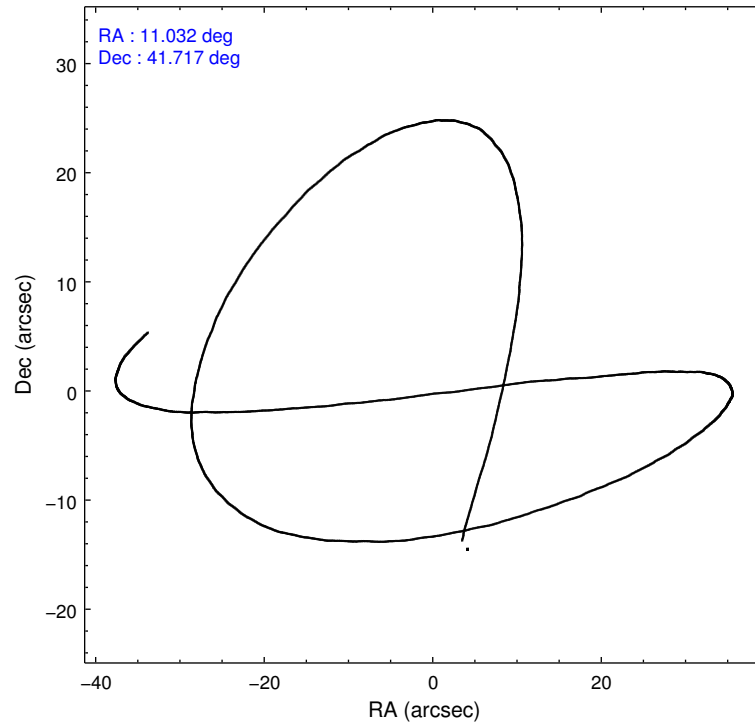
	segment 0
level 1 events	101444
rejected events	17284
rejected %	17%

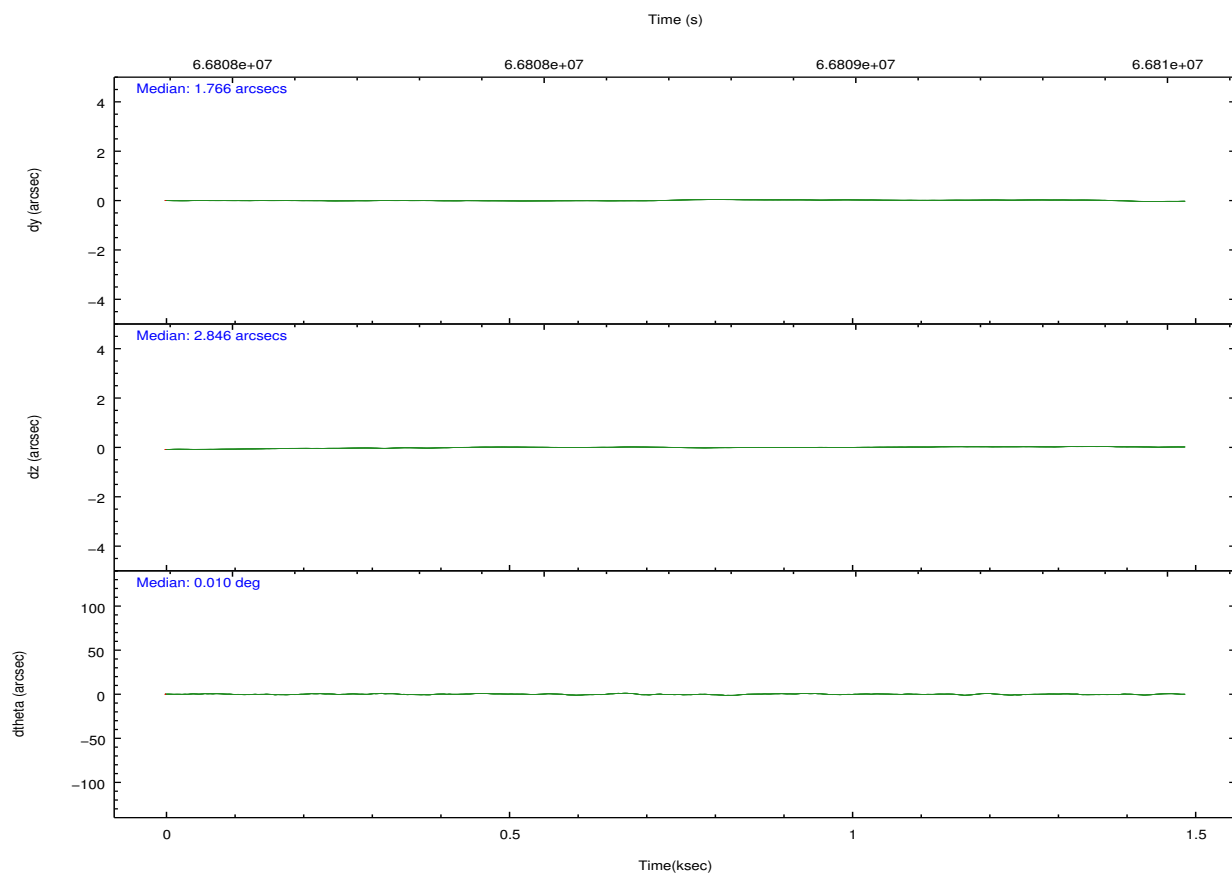
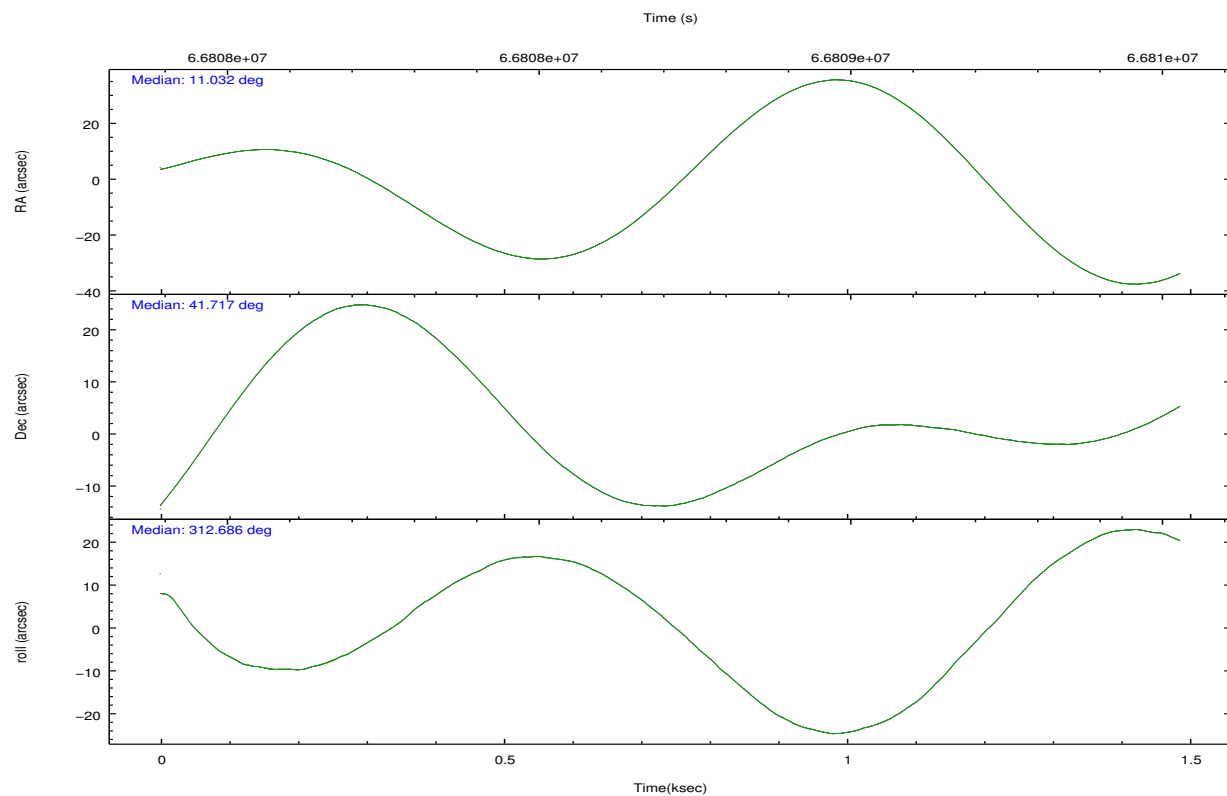
2.2 Compared Parameters

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	10.996173	11.03092962874508
[deg] Pointing Dec	41.724653	41.71723234814097
[deg] Pointing Roll	312.809951	312.6913752915579
[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)	66808452.184000	66807786.333693
Observation start date	2000-02-13T05:53:08	2000-02-13T05:43:06
[s] Observation end time (MET)	66809452.184000	66809586.233759
Observation end date	2000-02-13T06:09:48	2000-02-13T06:13:06

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

2.3 Aspect



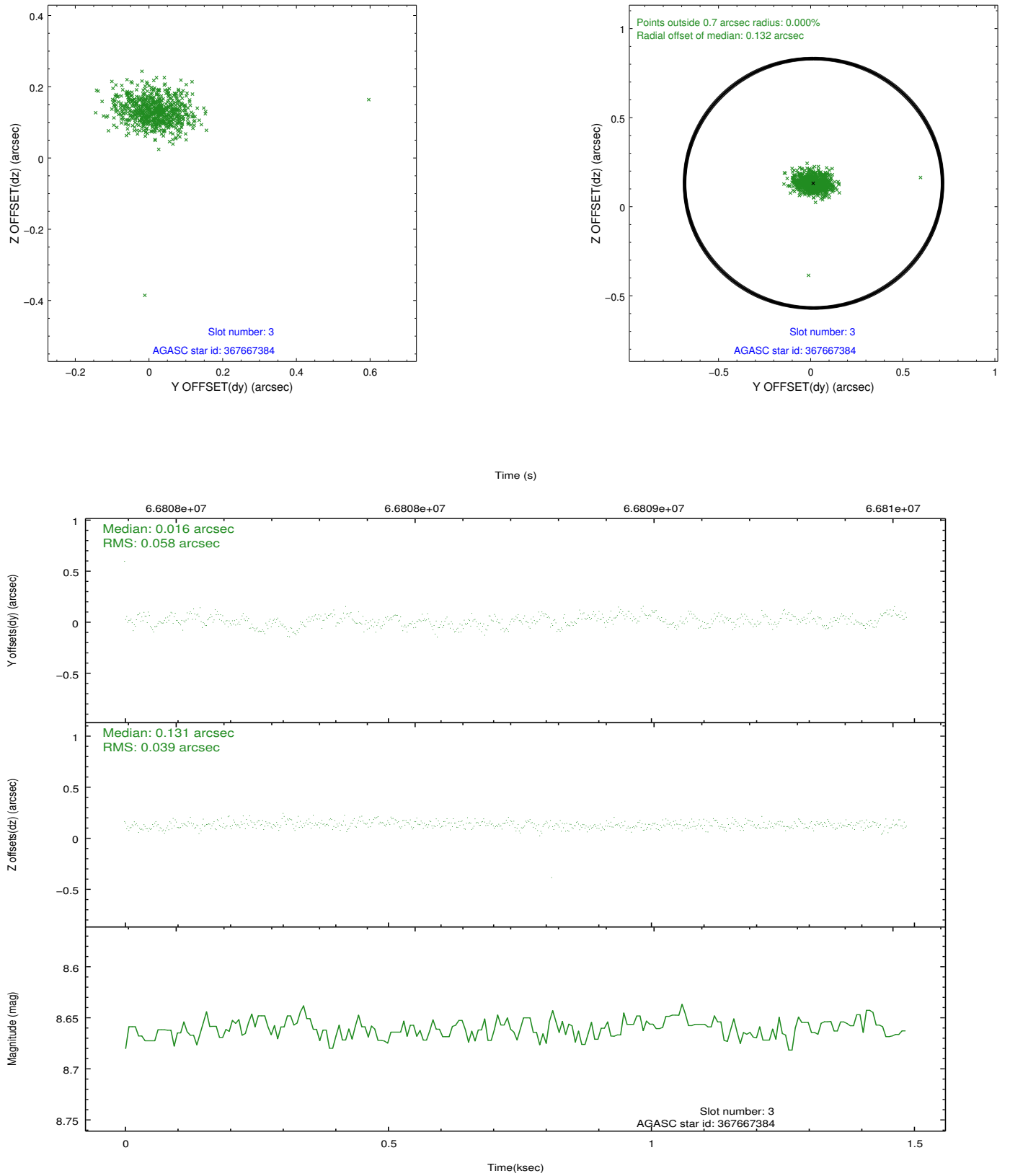


Slot Statistics

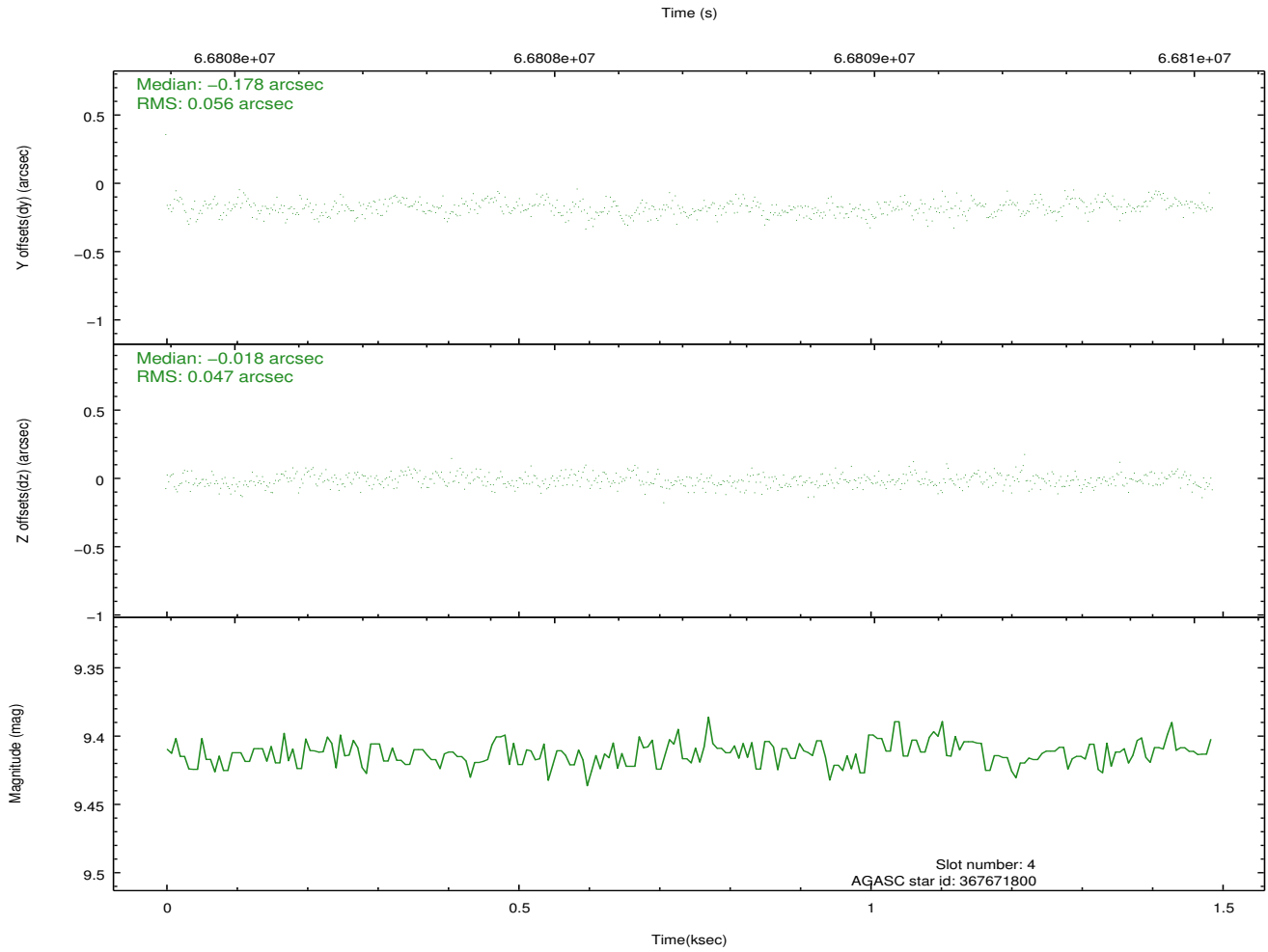
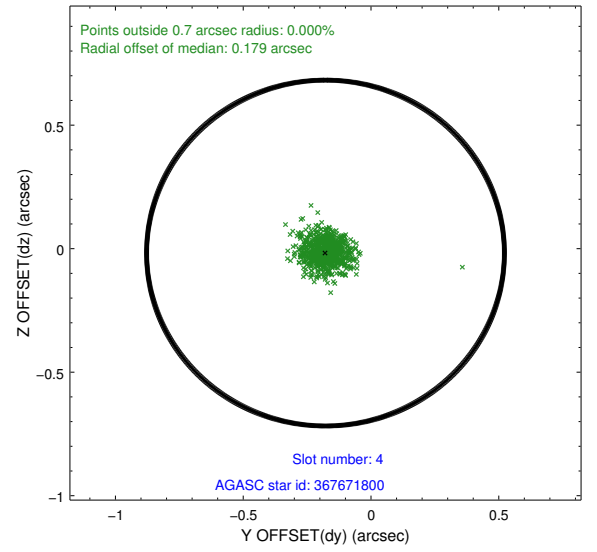
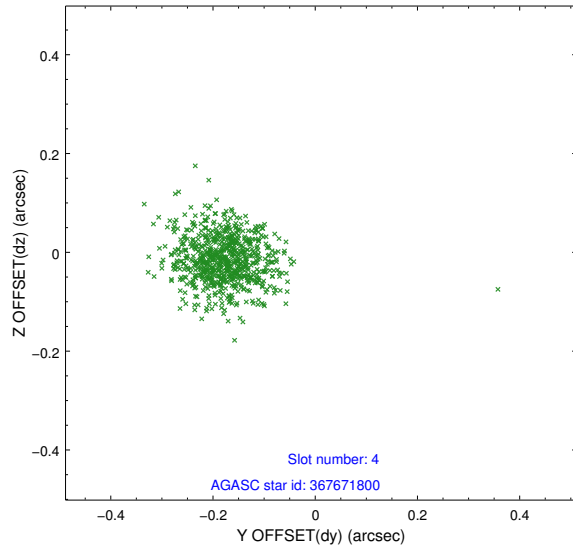
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	363	0.062	0.010	0.006	0.012	0.000000	0.000000	-757.18	-1290.59
1	FID	HRC-I-3	7.03	363	0.030	-0.039	0.007	0.011	0.000000	0.000000	-1187.73	1010.38
2	FID	HRC-I-4	6.98	363	0.022	-0.060	0.005	0.009	0.000000	0.000000	1282.35	1014.25
3	GUIDE	367667384	8.66	726	0.016	0.131	0.068	0.113	12.077552	41.596878	2304.27	1835.02
4	GUIDE	367671800	9.41	726	-0.178	-0.018	0.075	0.120	10.554735	41.964935	-1434.86	-275.49
5	GUIDE	367671896	9.11	726	0.259	0.194	0.093	0.145	11.763473	41.964845	754.75	2099.58
6	GUIDE	367658664	9.61	726	-0.015	-0.111	0.097	0.158	10.374070	41.369746	-206.16	-2095.28
7	GUIDE	367665472	9.49	724	-0.075	-0.196	0.090	0.146	10.241611	41.730843	-1398.80	-1470.13

2.4 Star Slots

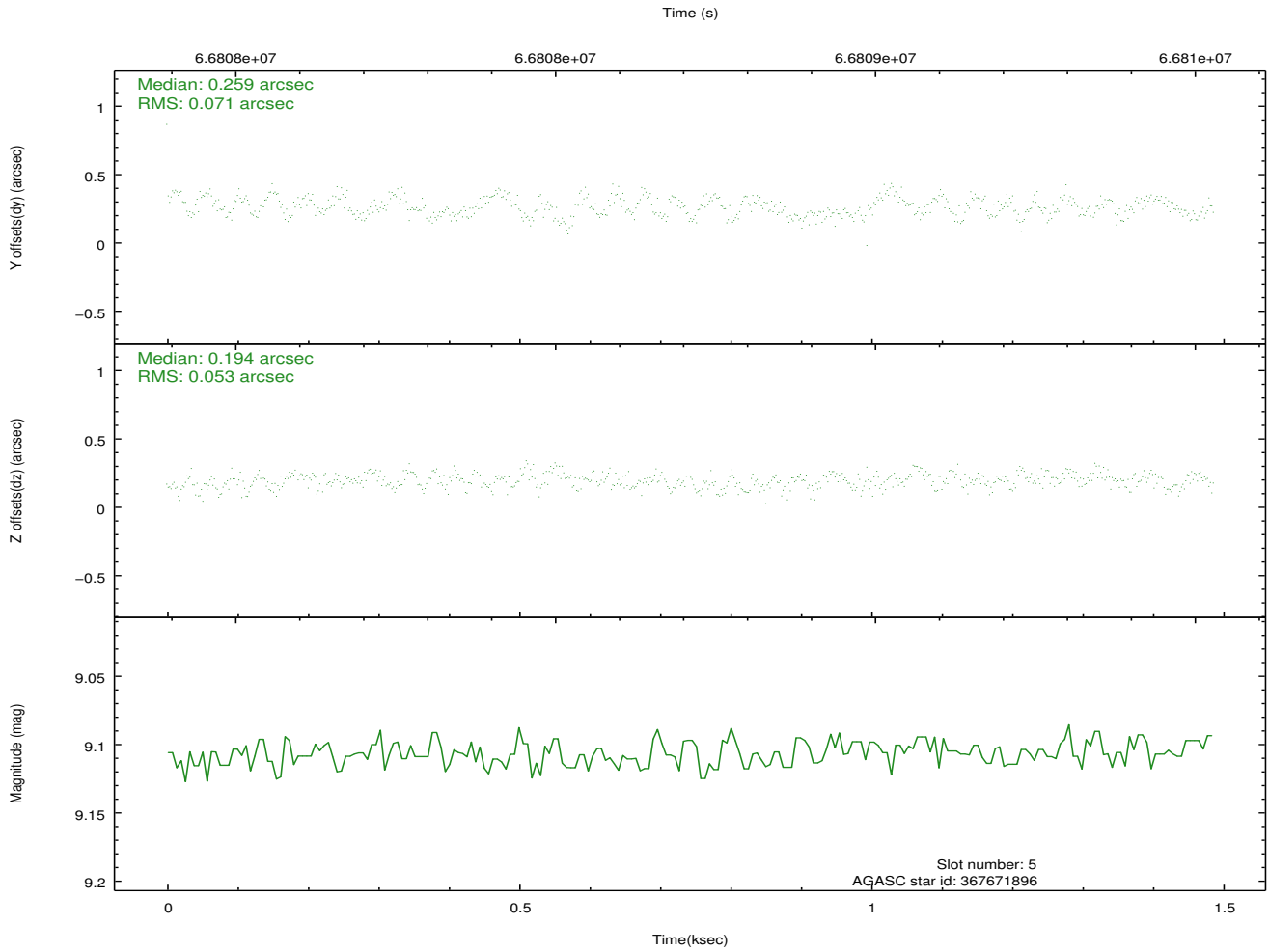
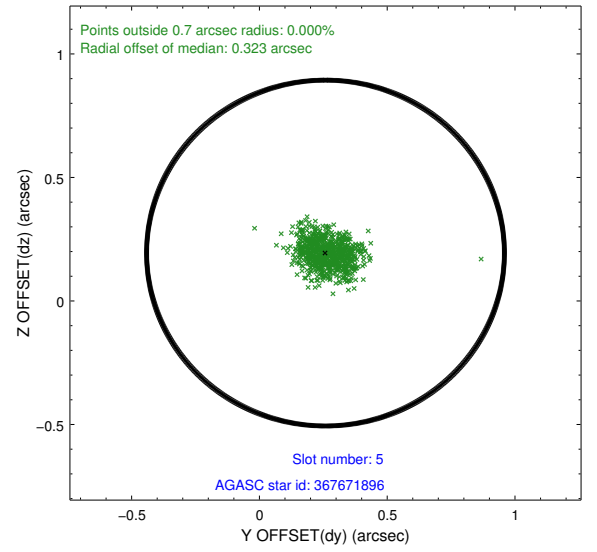
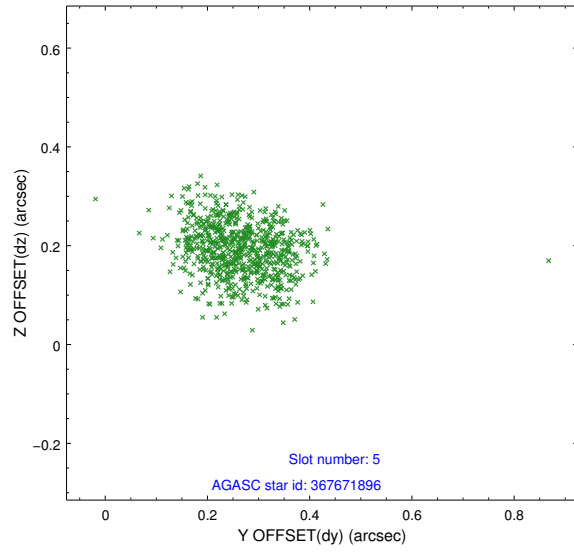
2.4.1 Slot 3



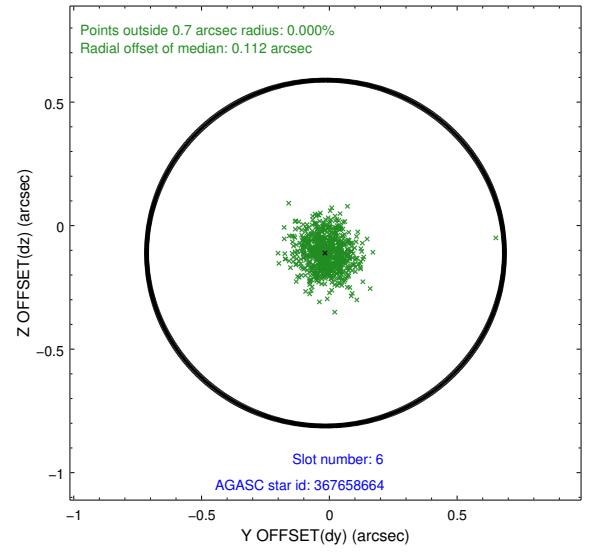
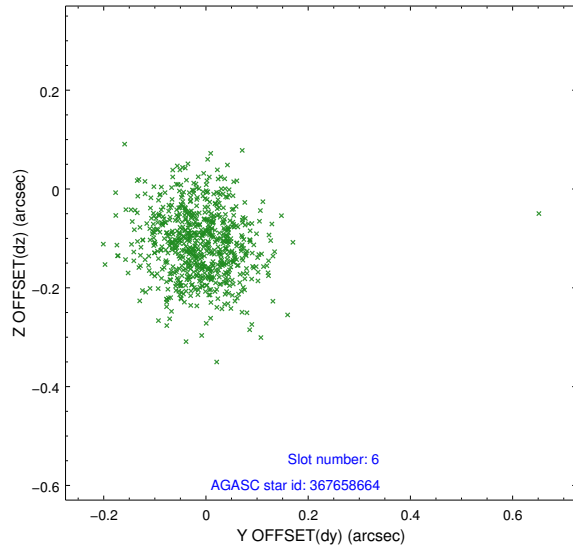
2.4.2 Slot 4



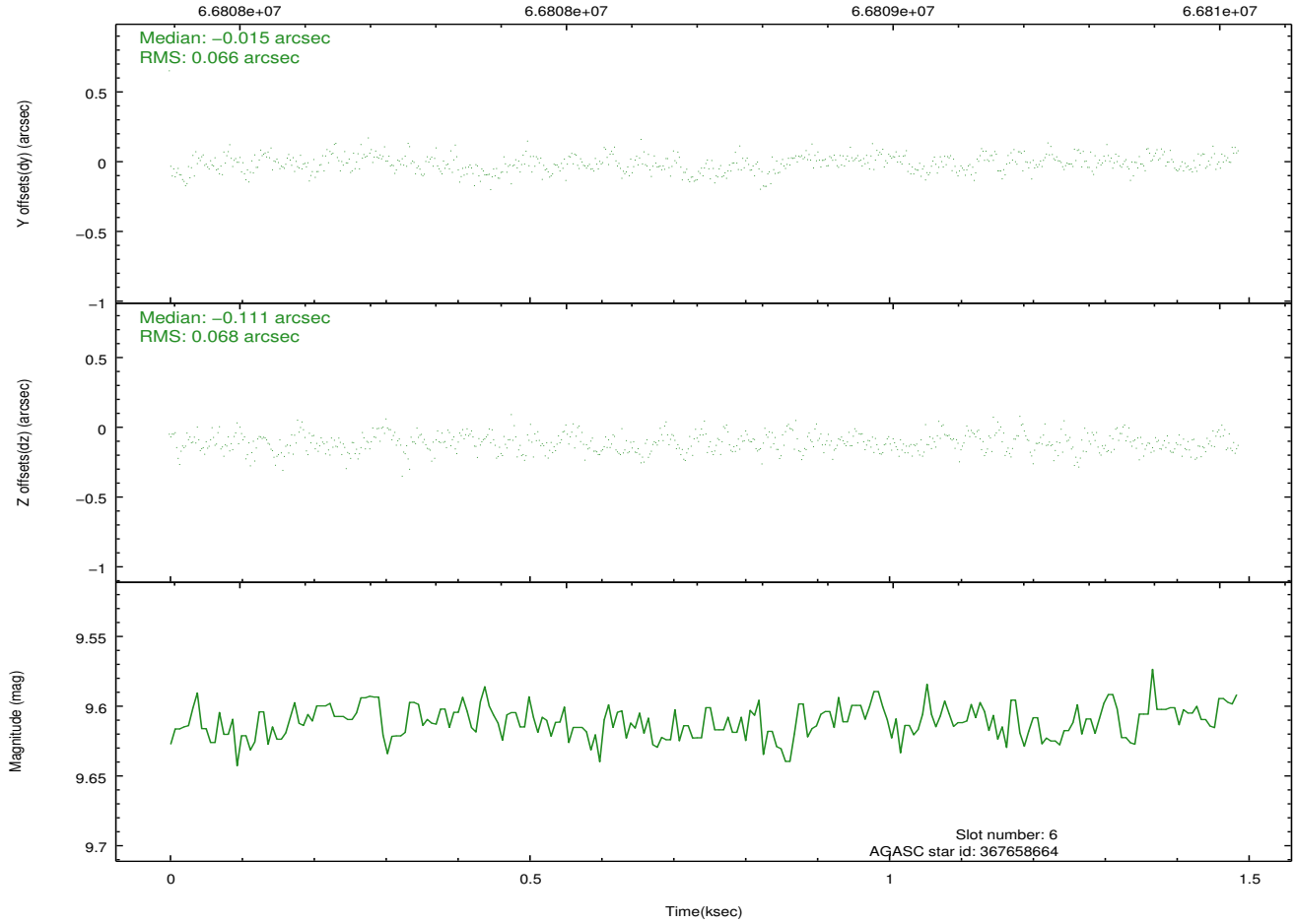
2.4.3 Slot 5



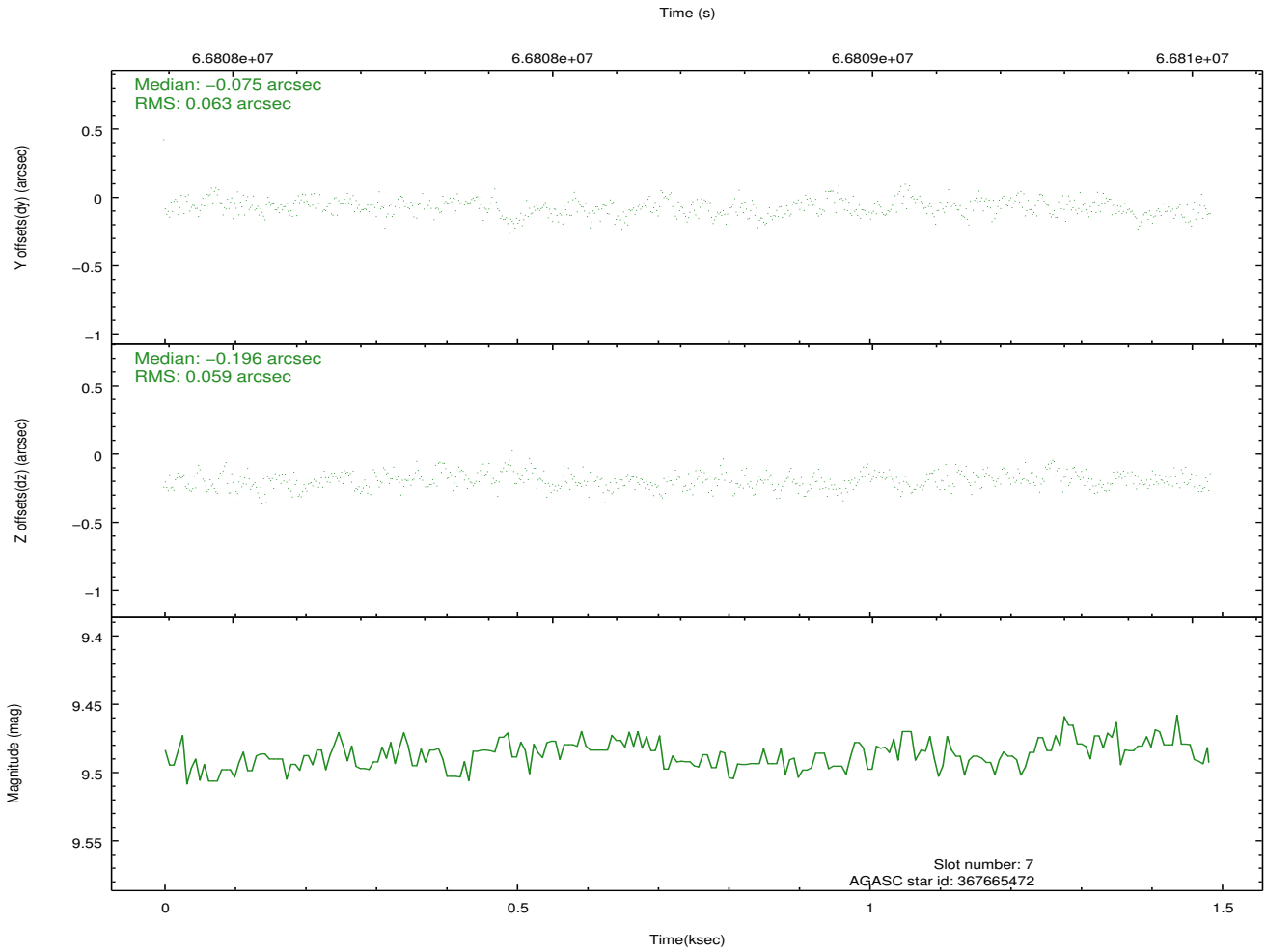
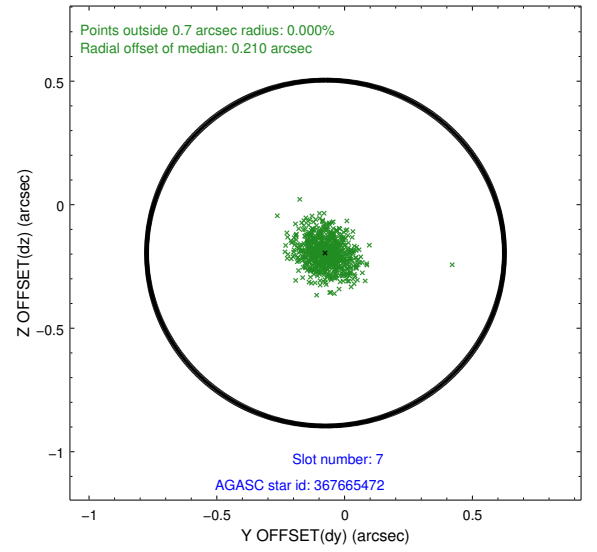
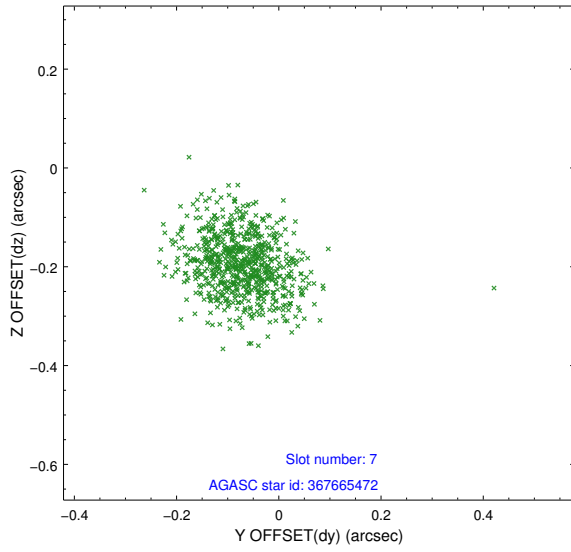
2.4.4 Slot 6



Time (s)

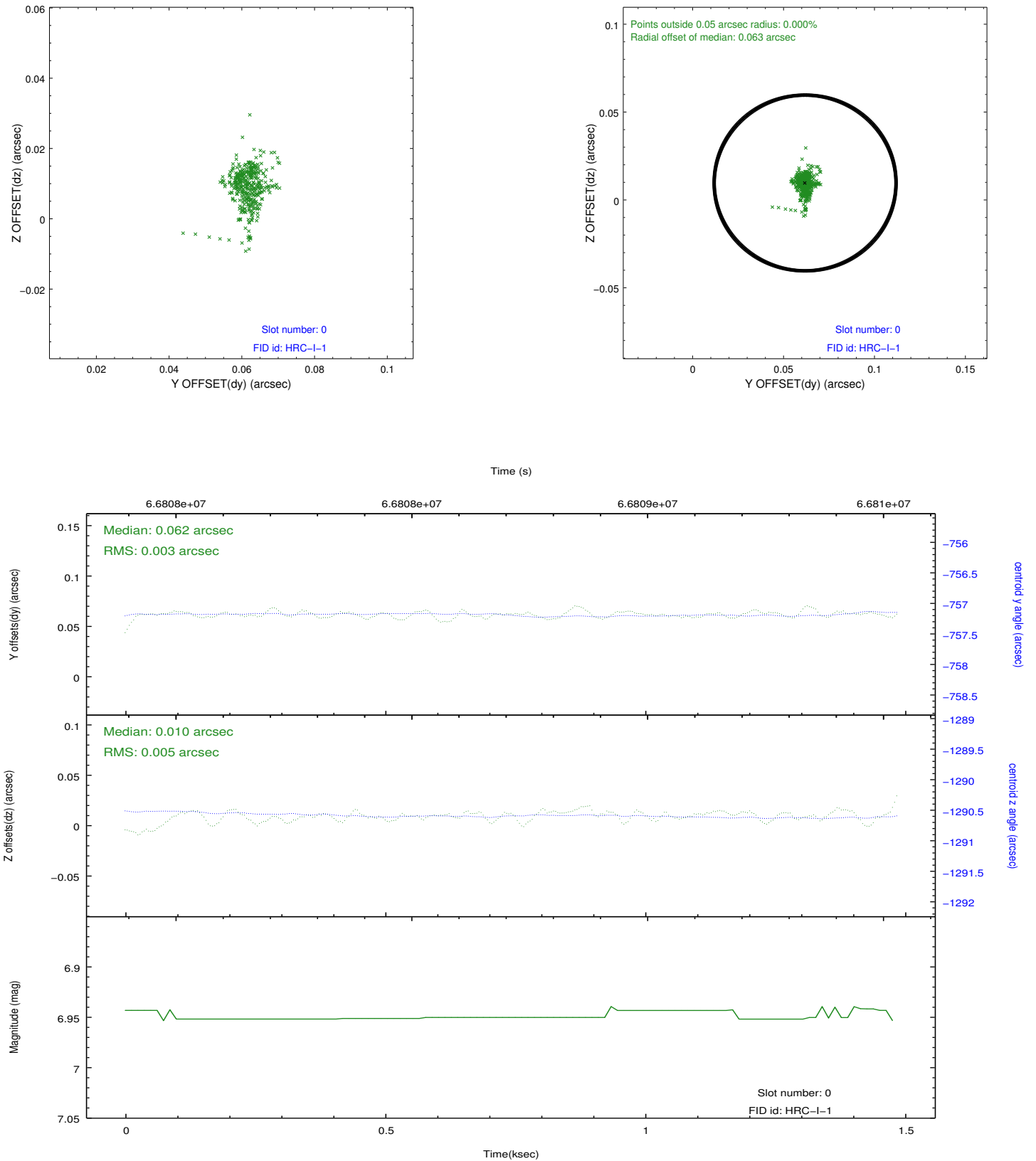


2.4.5 Slot 7

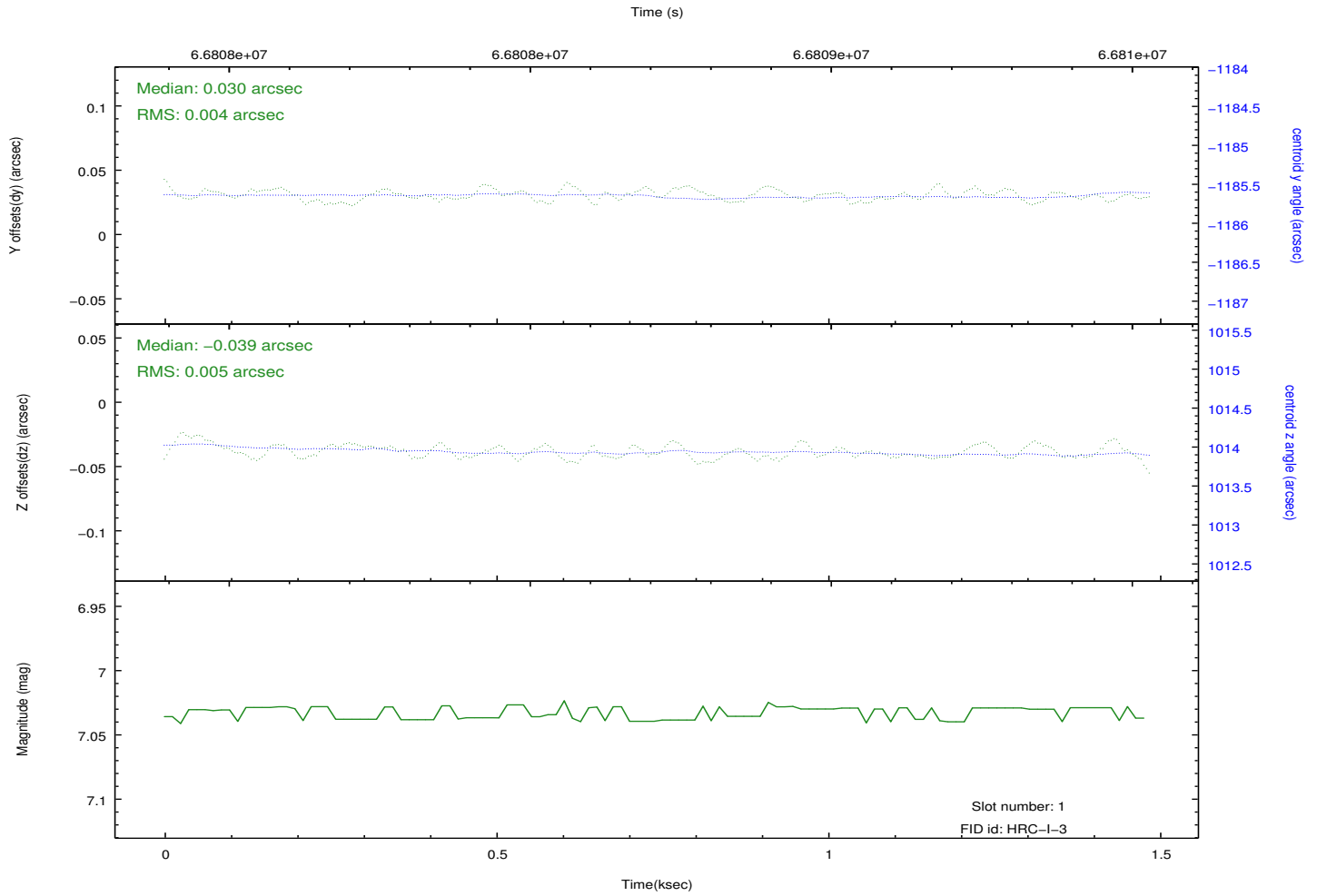
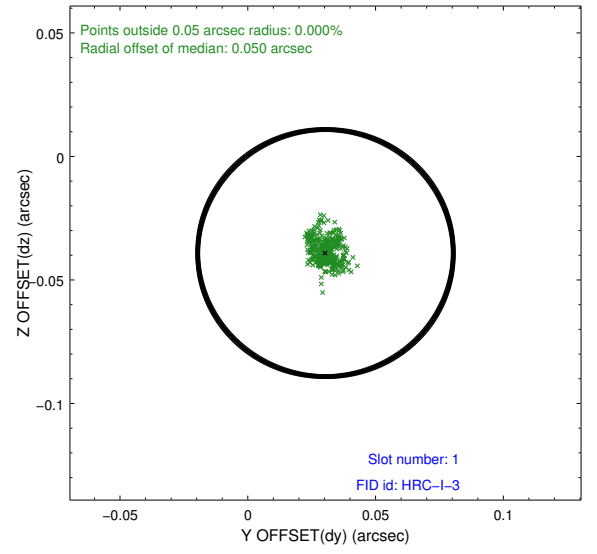
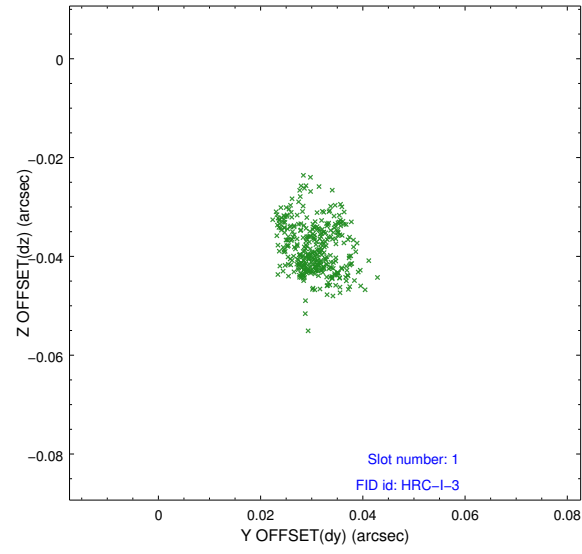


2.5 FID Slots

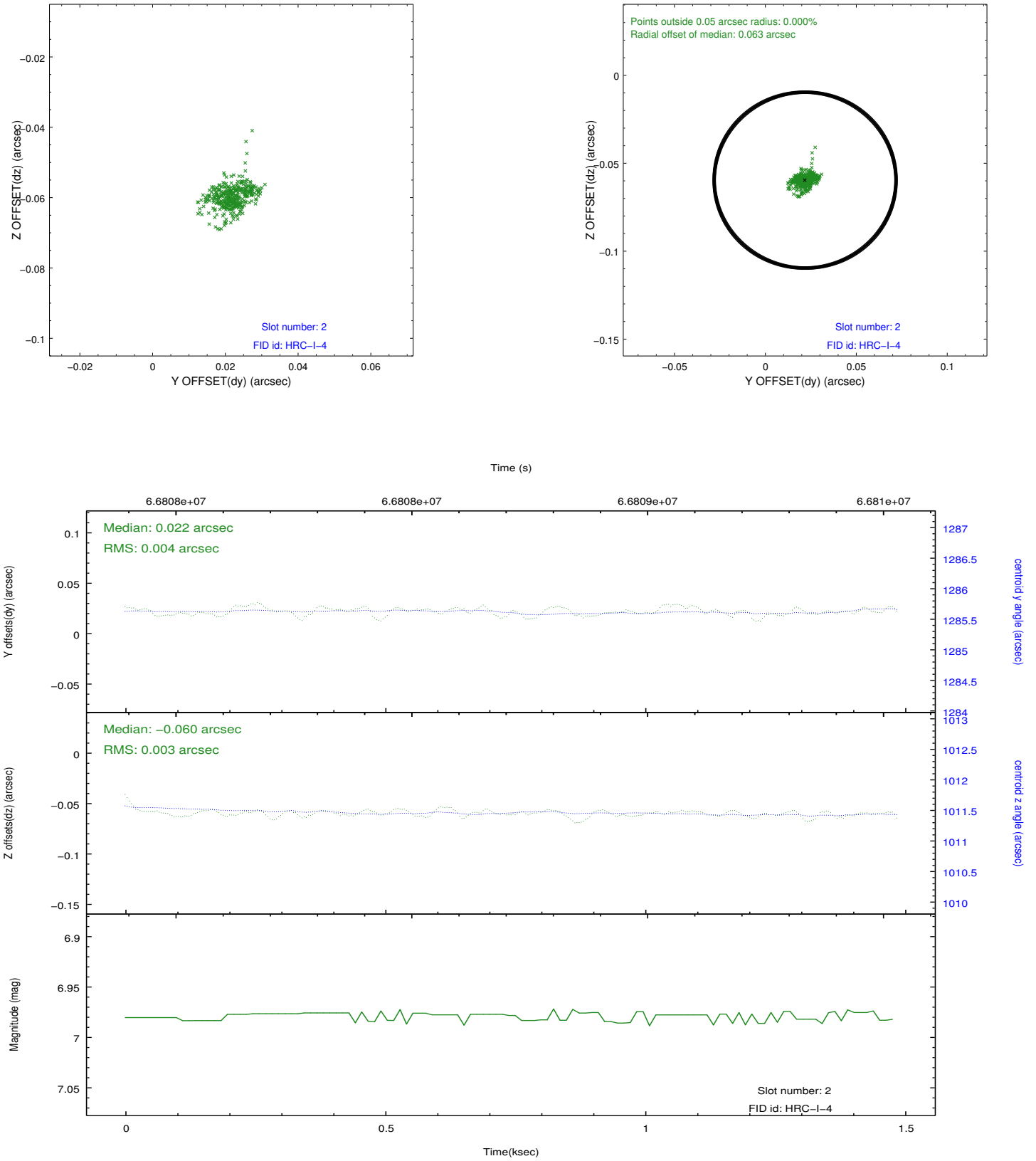
2.5.1 Slot 0



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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.485

A.2 Comments