

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 299 - L2 Version 5
Chandra X-Ray Center

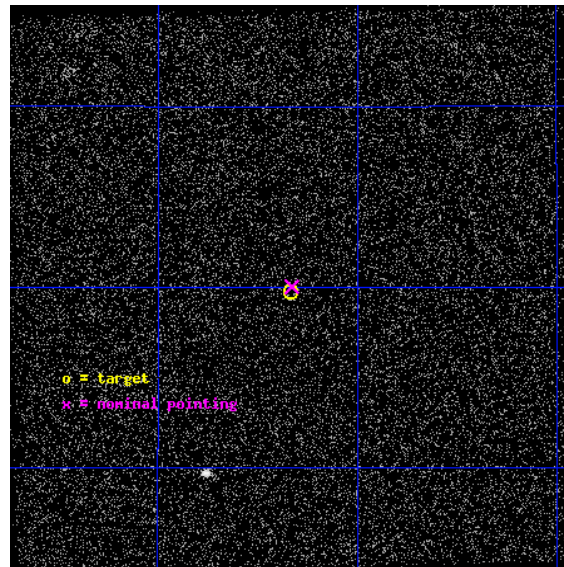
L2 Processing Date : Aug 31 2012

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1 Front

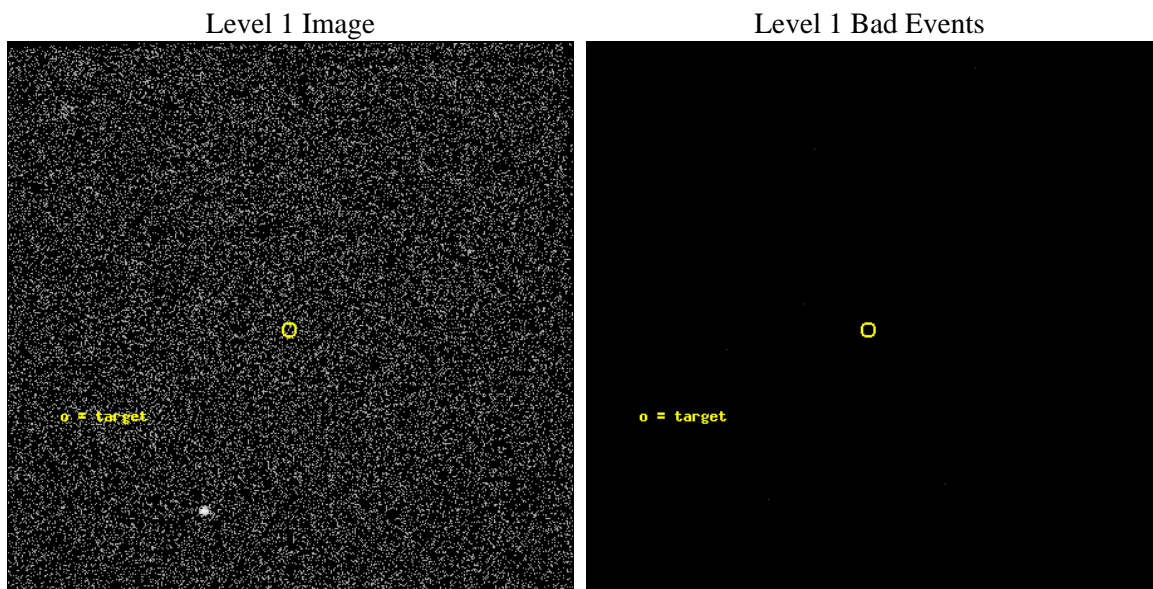
seq_num	600059	Sequence number
obs_id	299	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - North 2	Source name
ra_targ	11.333333	Observer's specified target RA [deg]
dec_targ	41.829722	Observer's specified target Dec [deg]
ra_nom	11.33223063684	Nominal RA [deg]
dec_nom	41.833861042305	Nominal Dec [deg]
roll_nom	133.61975171955	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1175.9312940687	[s]
livetime	1170.62567768	Ontime multiplied by DTCOR
l2events	27388	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	1175.9312940687	[s]
caldbver	4.5.1.1	 	l1events	43072	Number of level 1 events
date	2012-09-01T01:52:48	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

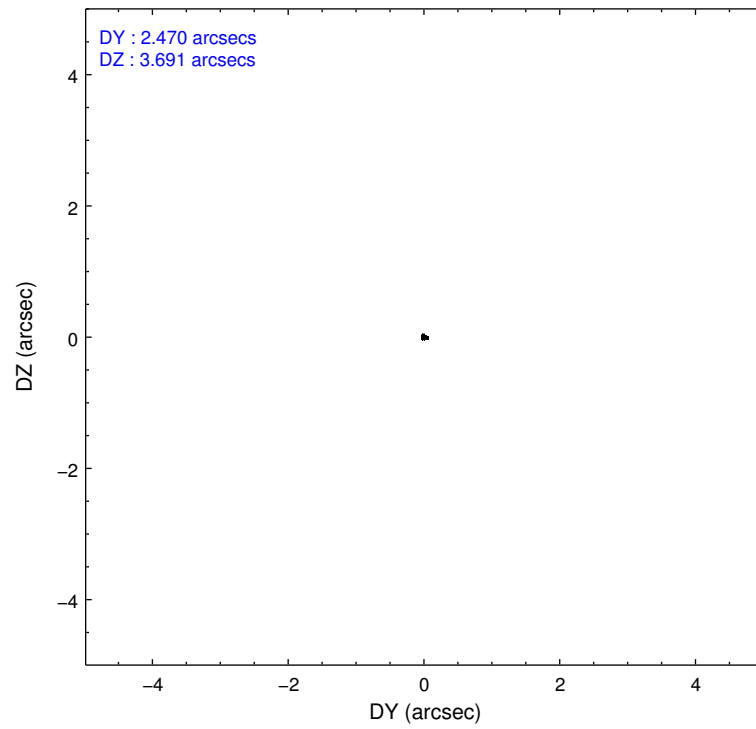
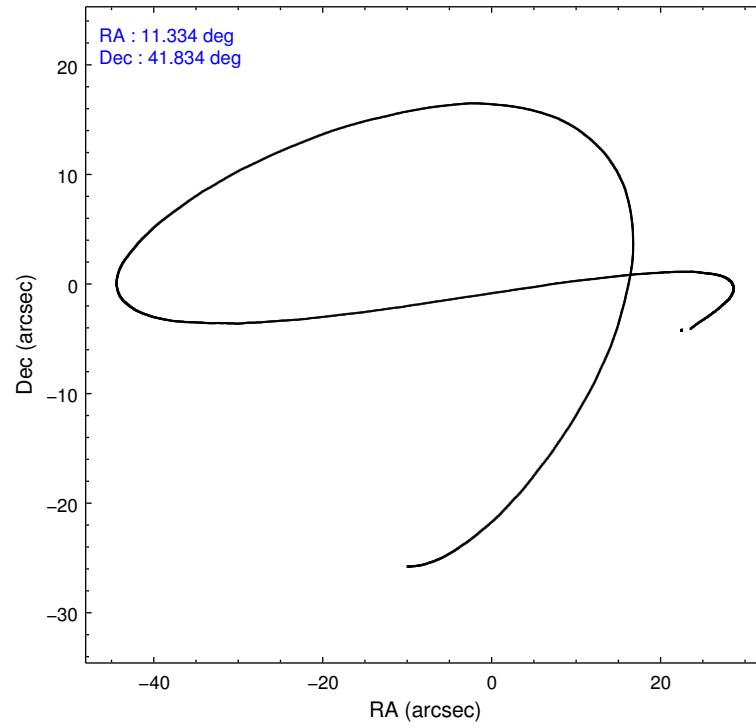
	segment 0
level 1 events	43072
rejected events	2362
rejected %	5%

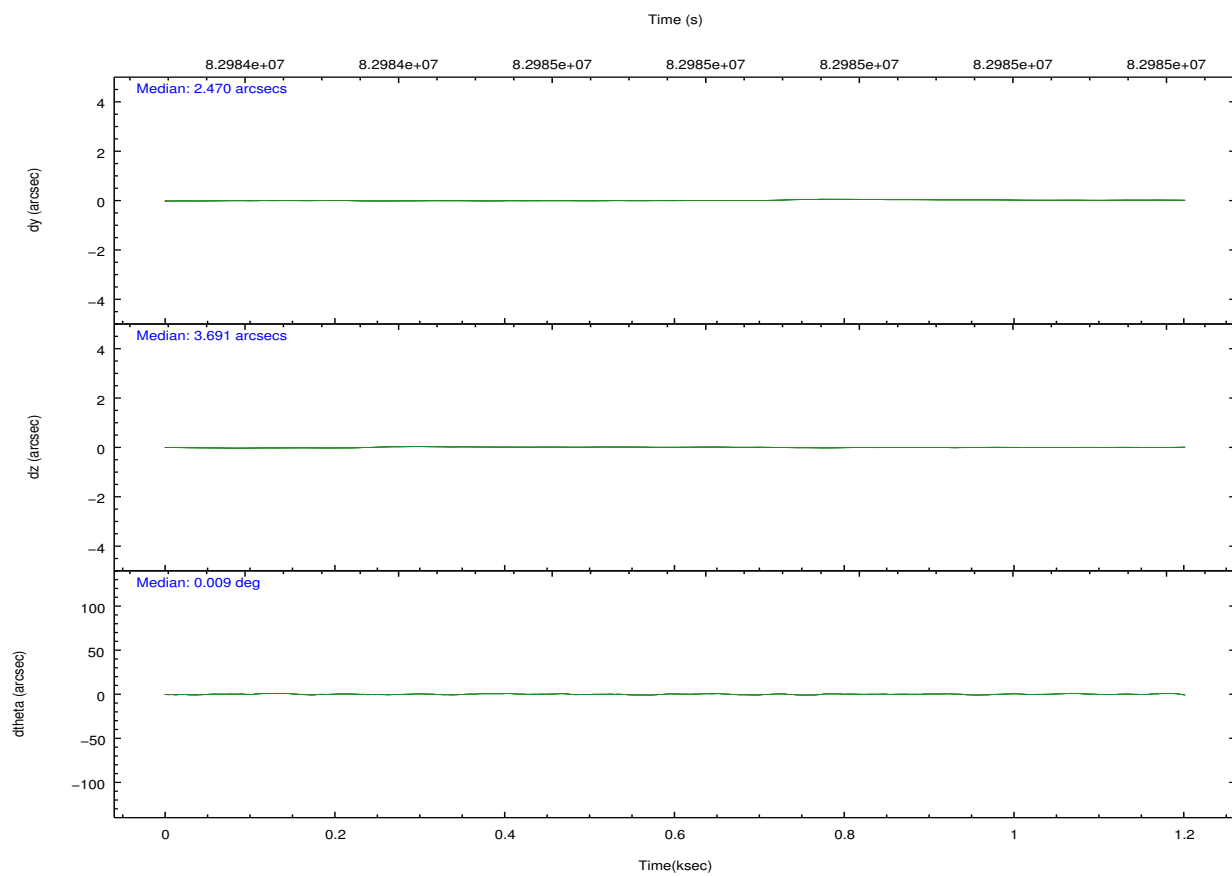
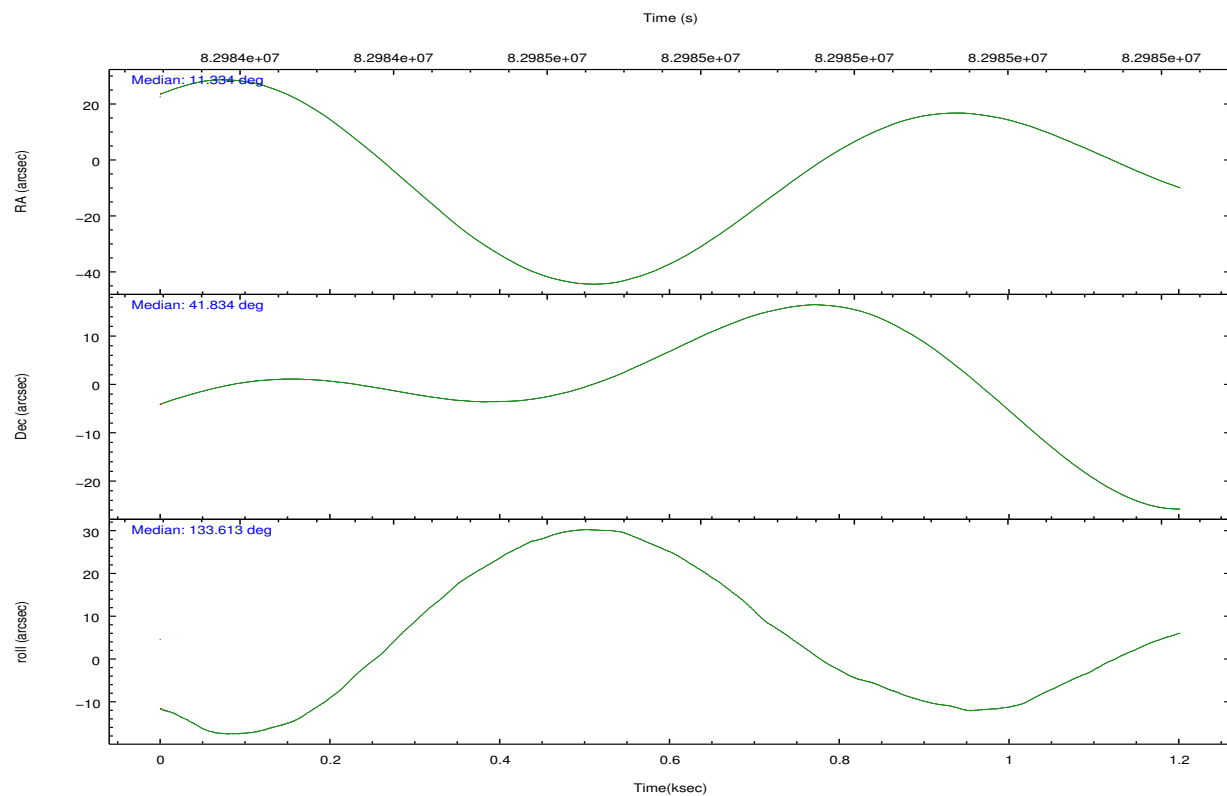
2.2 Compared Parameters

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	11.366464	11.33223063683989
[deg] Pointing Dec	41.826568	41.83386104230453
[deg] Pointing Roll	133.692361	133.6197517195507
[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)	82984363.184000	82983986.945225
Observation start date	2000-08-18T11:11:39	2000-08-18T11:06:26
[s] Observation end time (MET)	82985363.184000	82985879.607796
Observation end date	2000-08-18T11:28:19	2000-08-18T11:37:59

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

2.3 Aspect



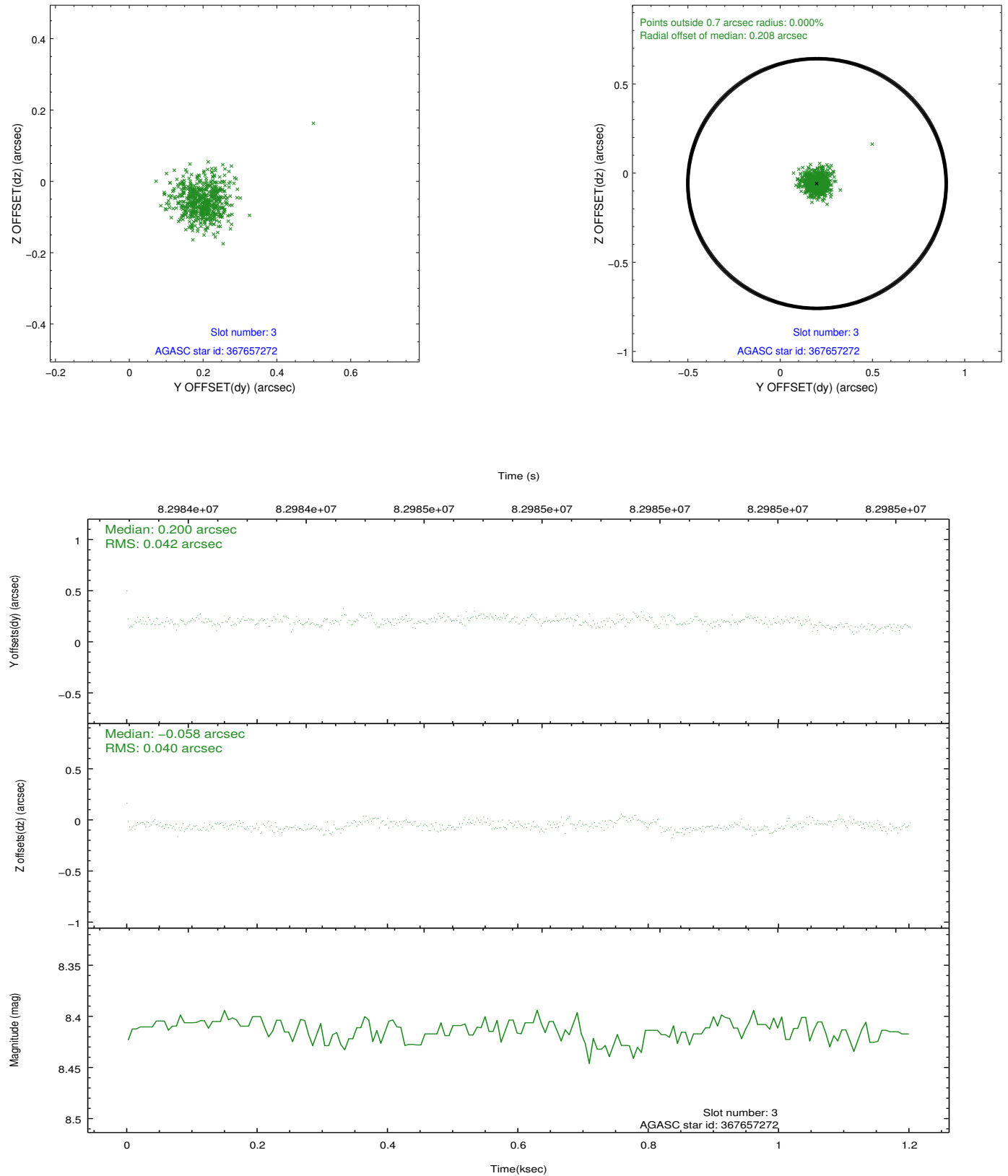


Slot Statistics

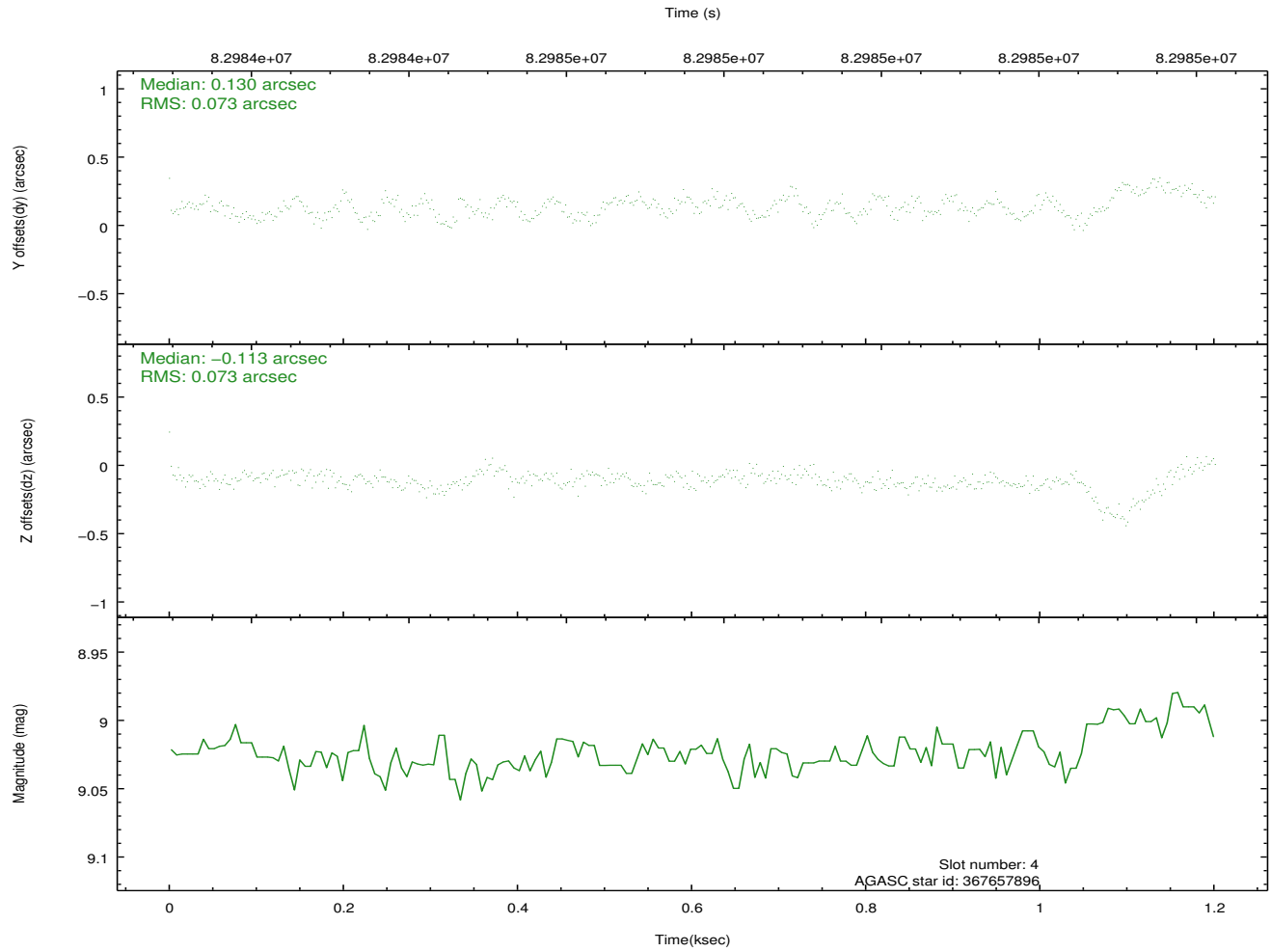
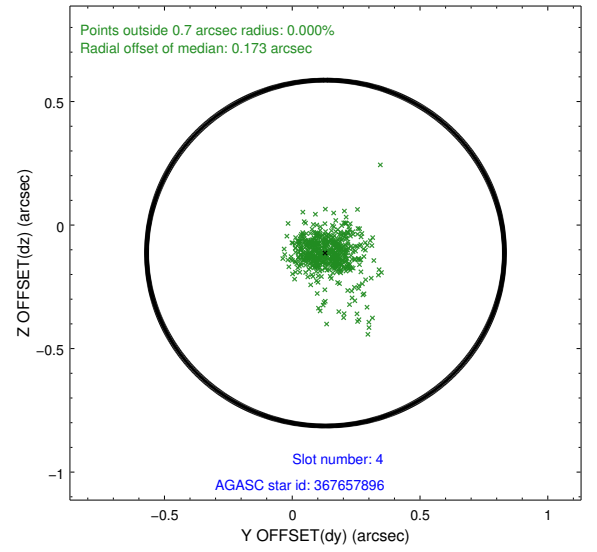
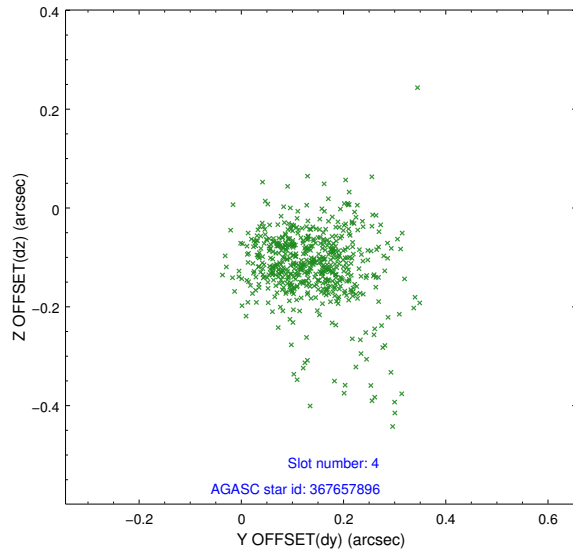
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	294	0.063	0.042	0.006	0.011	0.000000	0.000000	-757.89	-1291.44
1	FID	HRC-I-3	7.04	294	0.024	-0.065	0.007	0.011	0.000000	0.000000	-1188.97	1008.63
2	FID	HRC-I-4	6.98	294	0.026	-0.067	0.005	0.007	0.000000	0.000000	1280.85	1014.02
3	GUIDE	367657272	8.41	587	0.200	-0.058	0.059	0.099	11.834471	41.298907	-2242.11	397.12
4	GUIDE	367657896	9.02	587	0.130	-0.113	0.097	0.193	11.197765	41.313576	-1020.61	1608.51
5	GUIDE	367670520	9.27	587	-0.122	0.133	0.079	0.128	11.265516	42.371946	1606.61	-1156.44
6	GUIDE	367663272	9.30	587	-0.110	-0.119	0.106	0.223	10.656279	41.699429	999.04	1691.83
7	GUIDE	367660528	9.54	583	-0.106	0.144	0.102	0.163	11.676845	42.311657	697.93	-1799.02

2.4 Star Slots

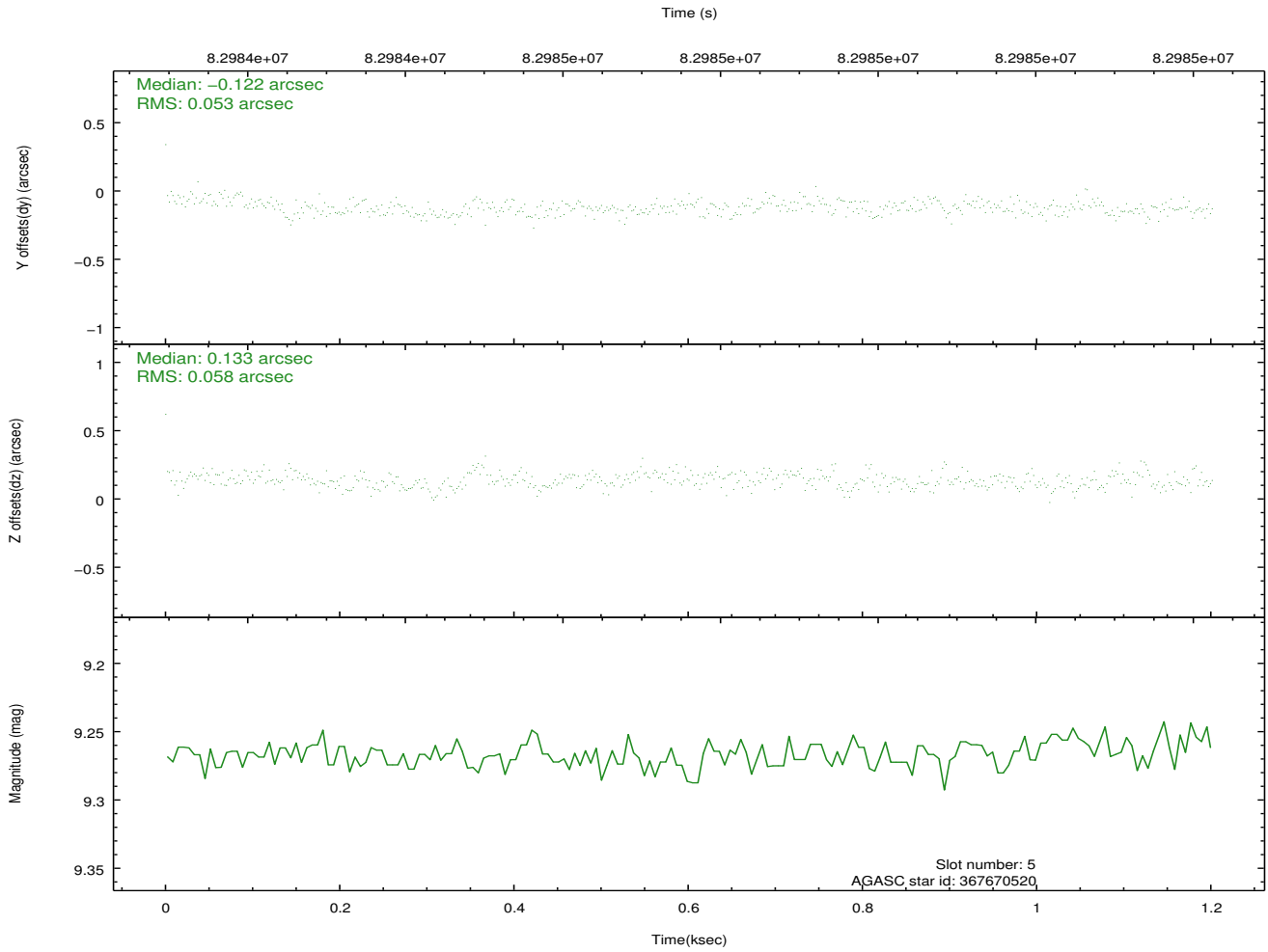
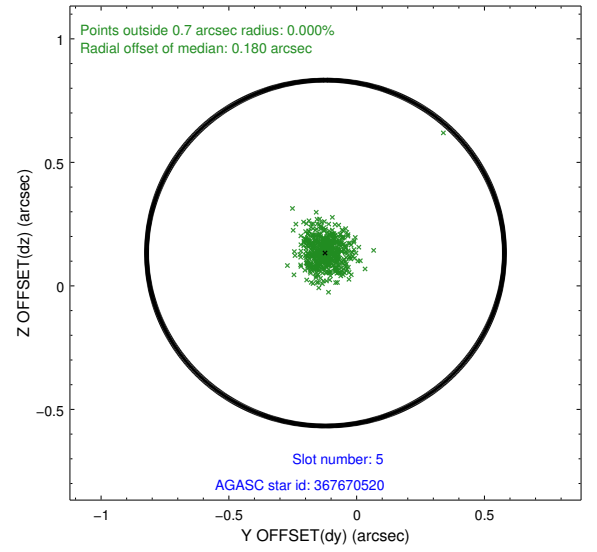
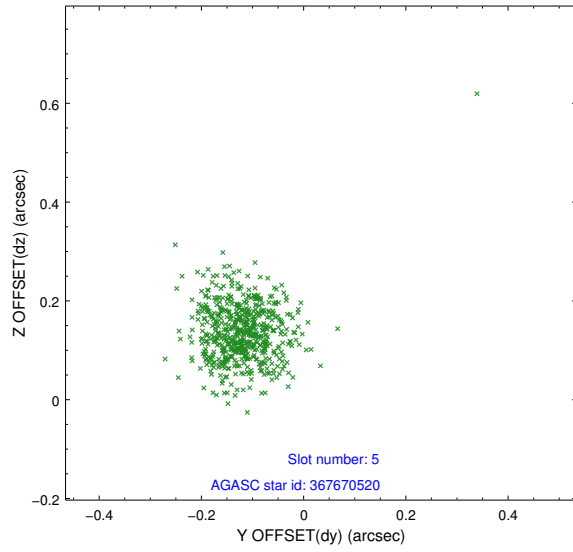
2.4.1 Slot 3



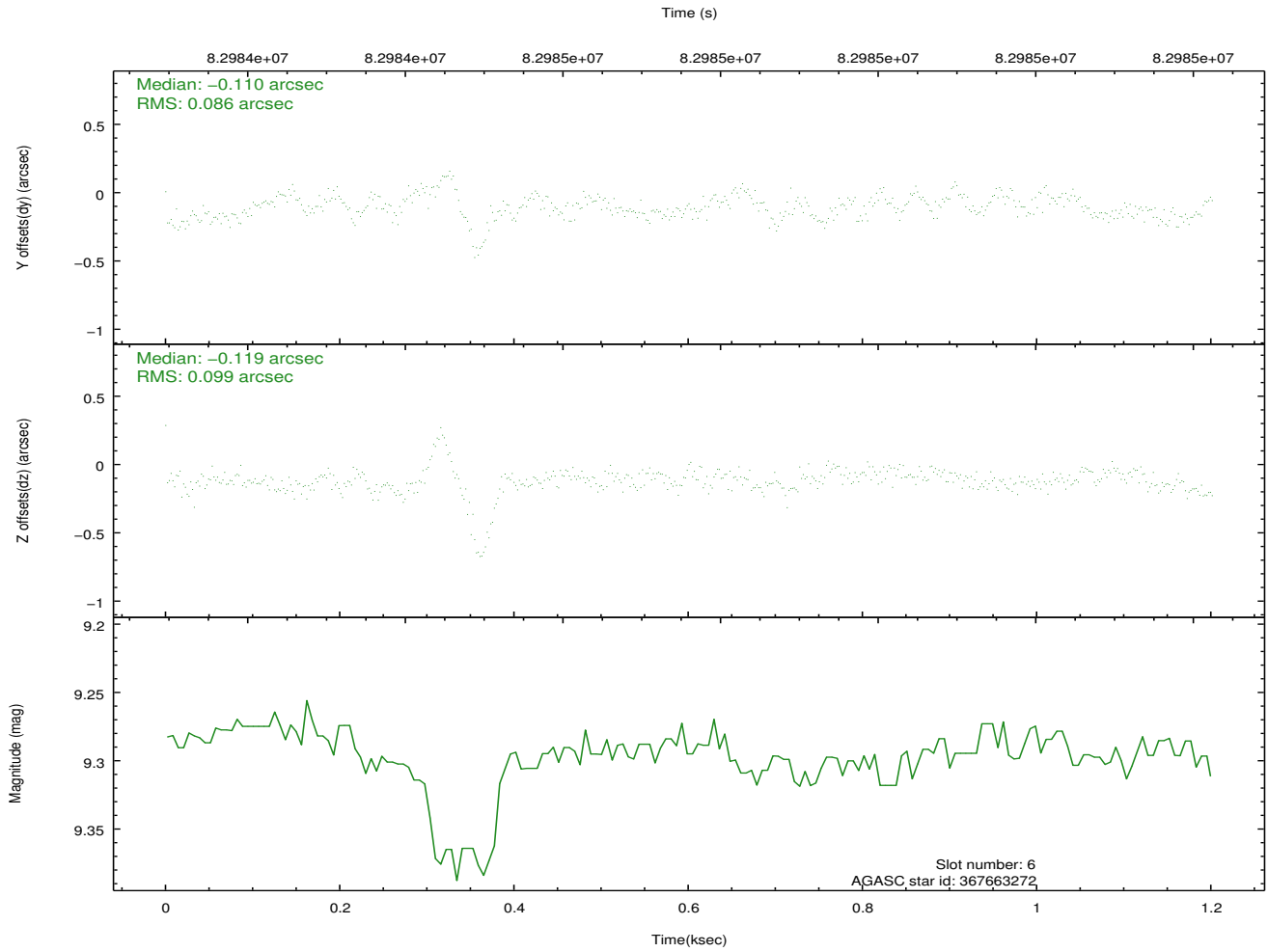
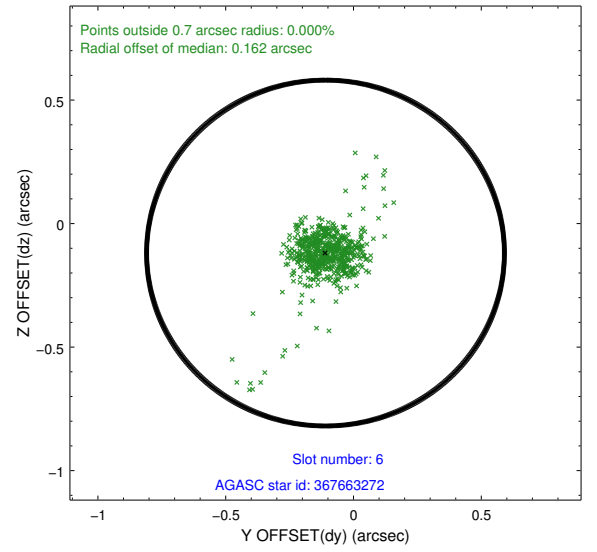
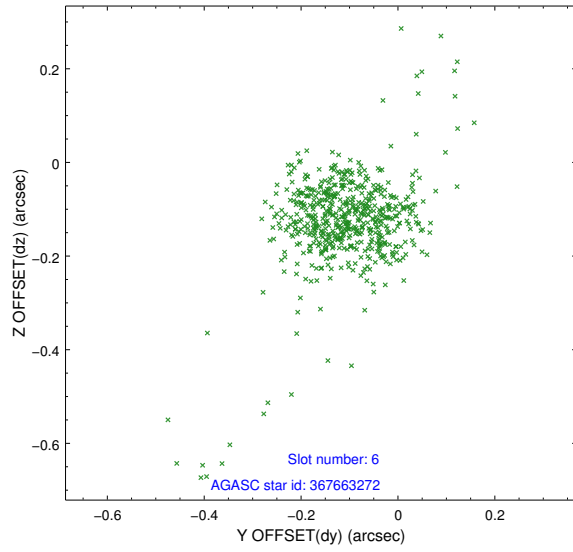
2.4.2 Slot 4



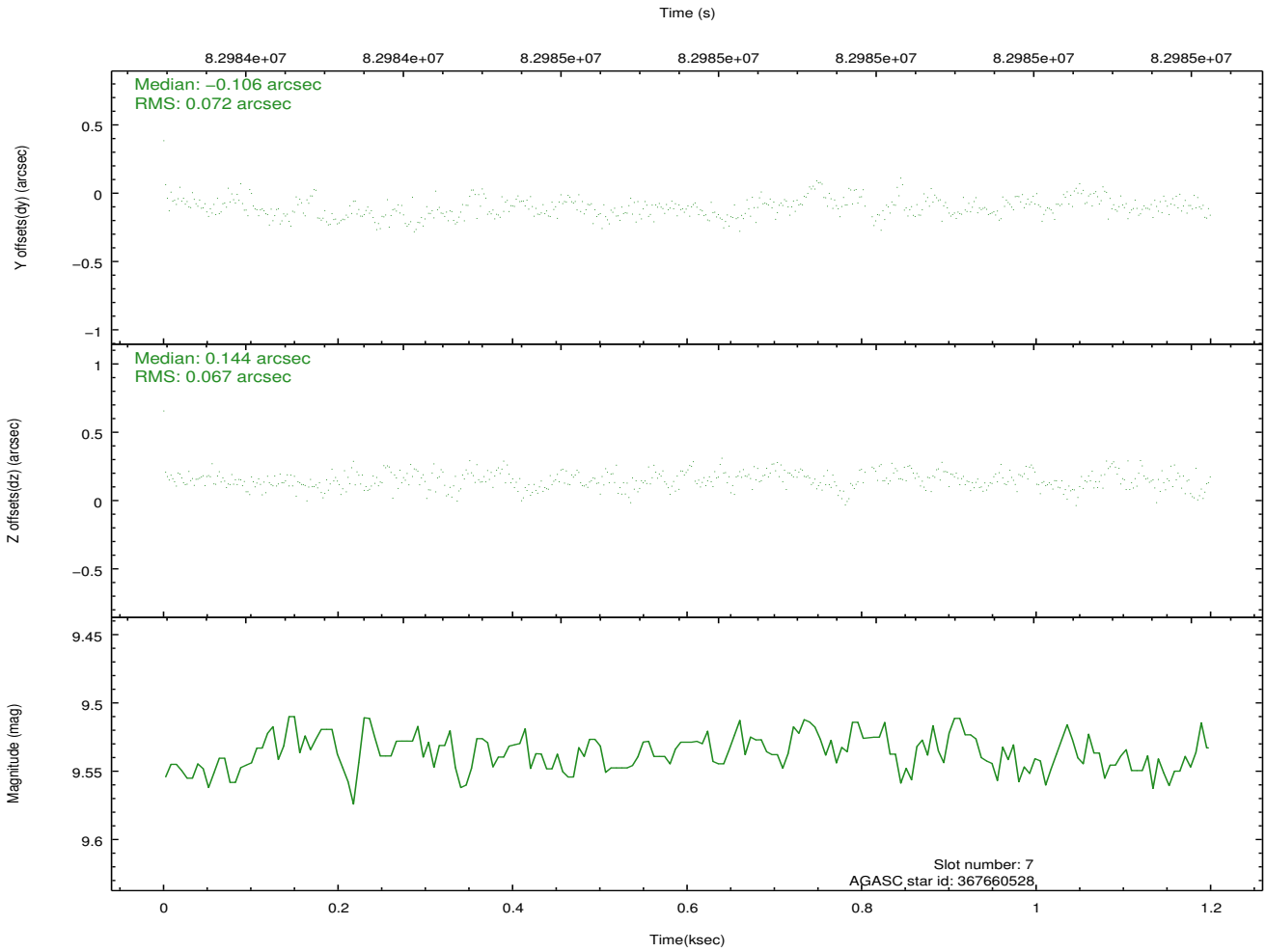
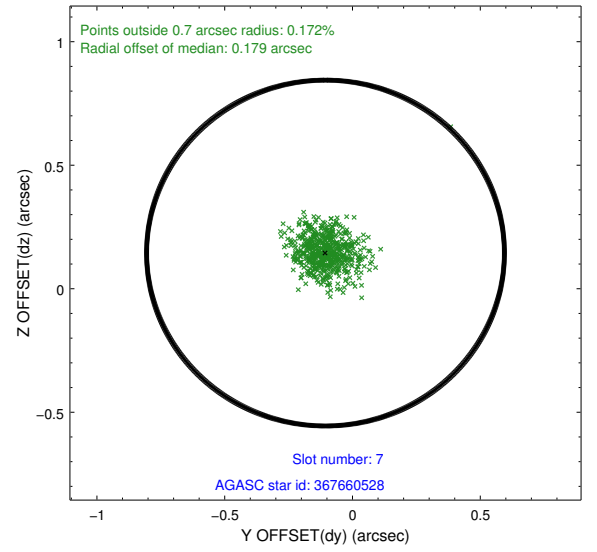
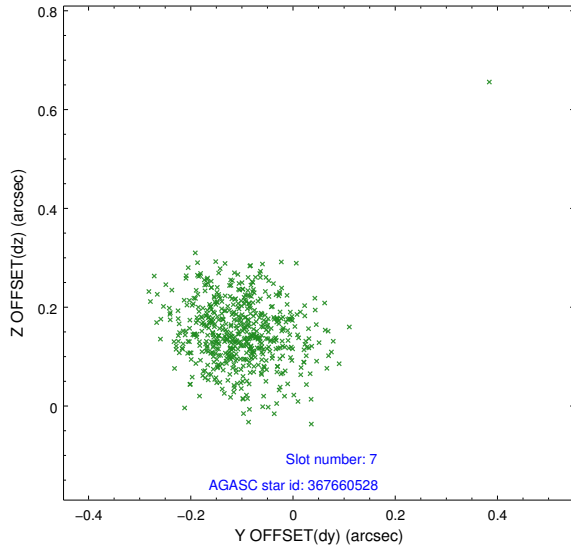
2.4.3 Slot 5



2.4.4 Slot 6

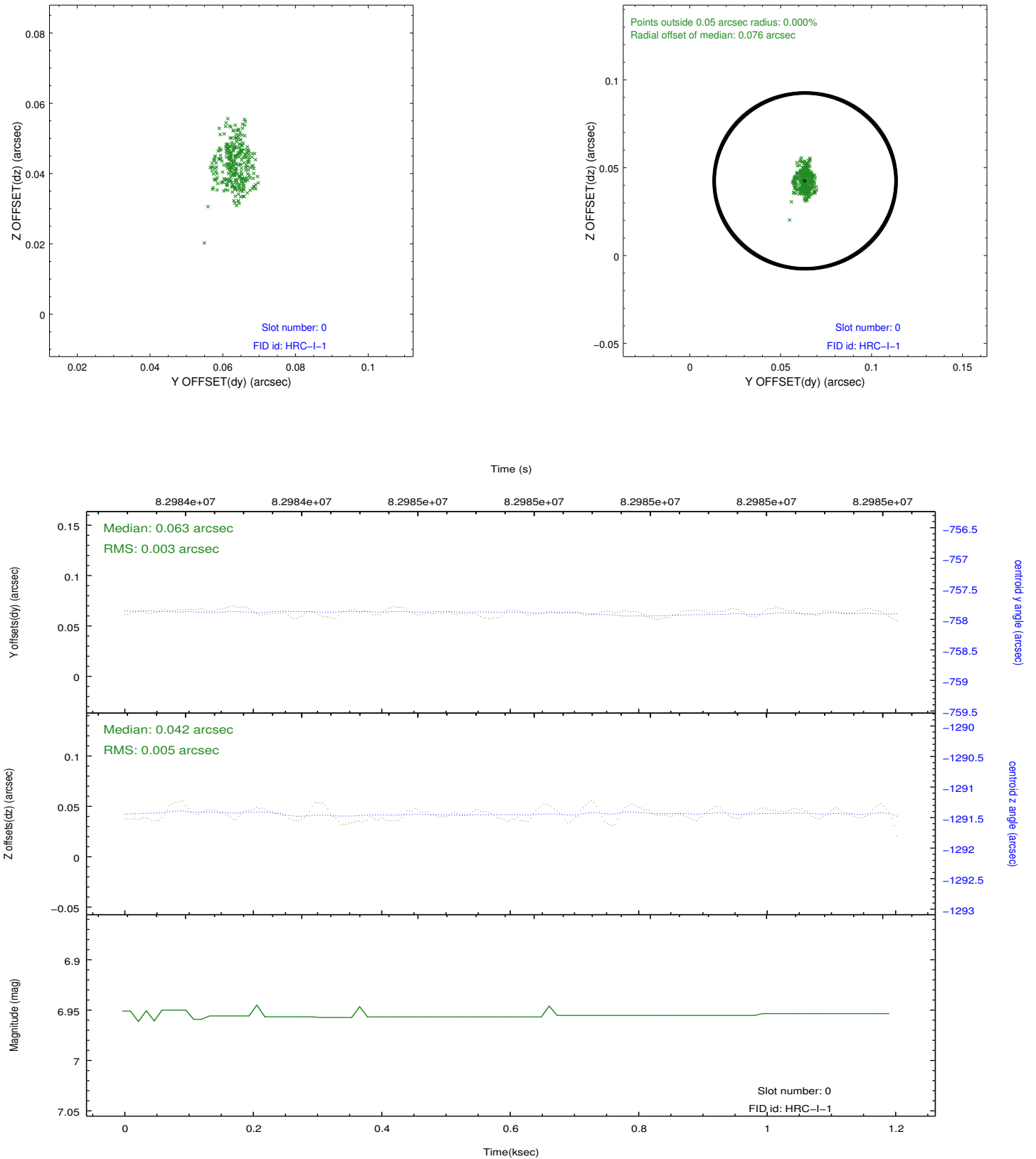


2.4.5 Slot 7

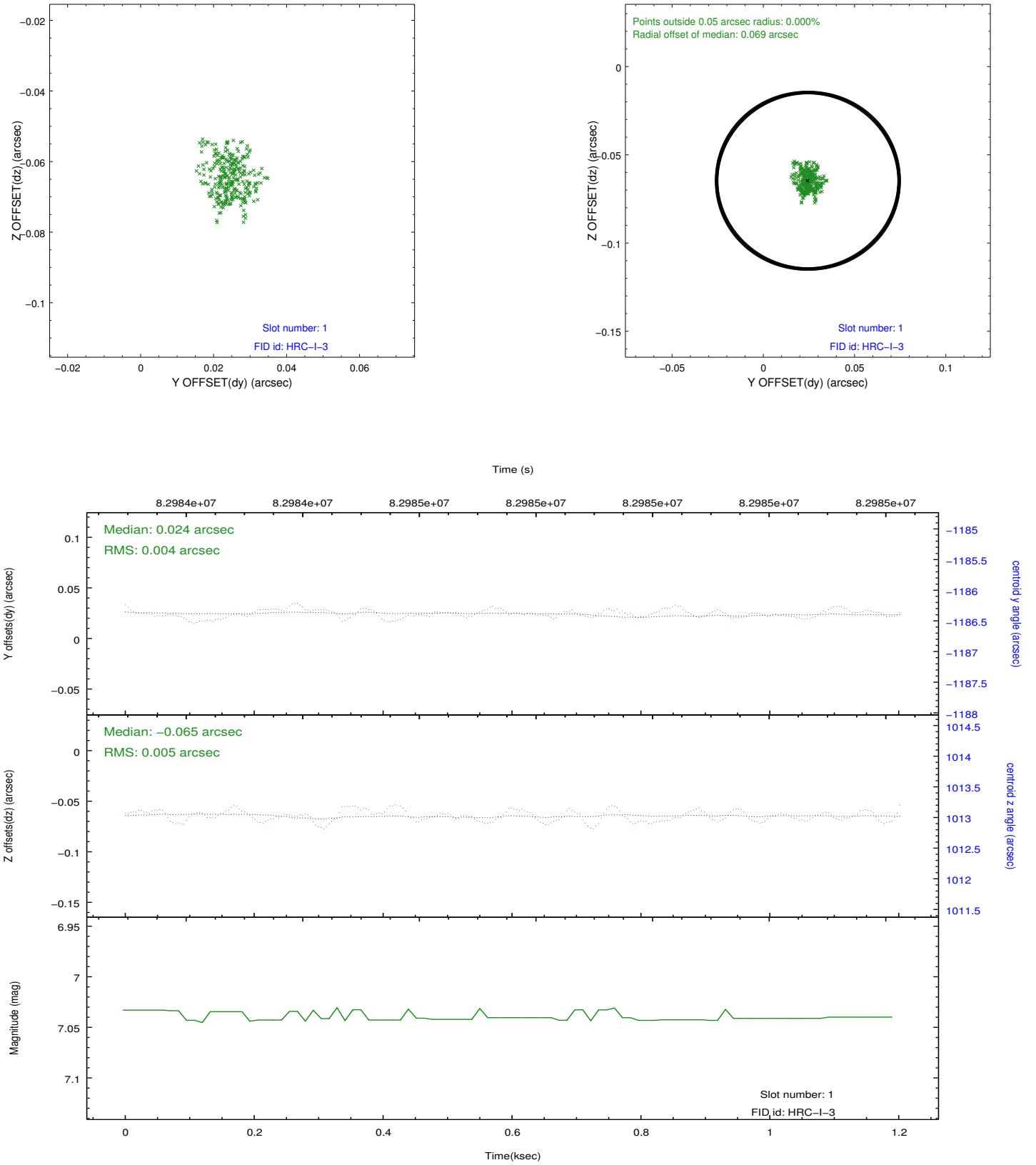


2.5 FID Slots

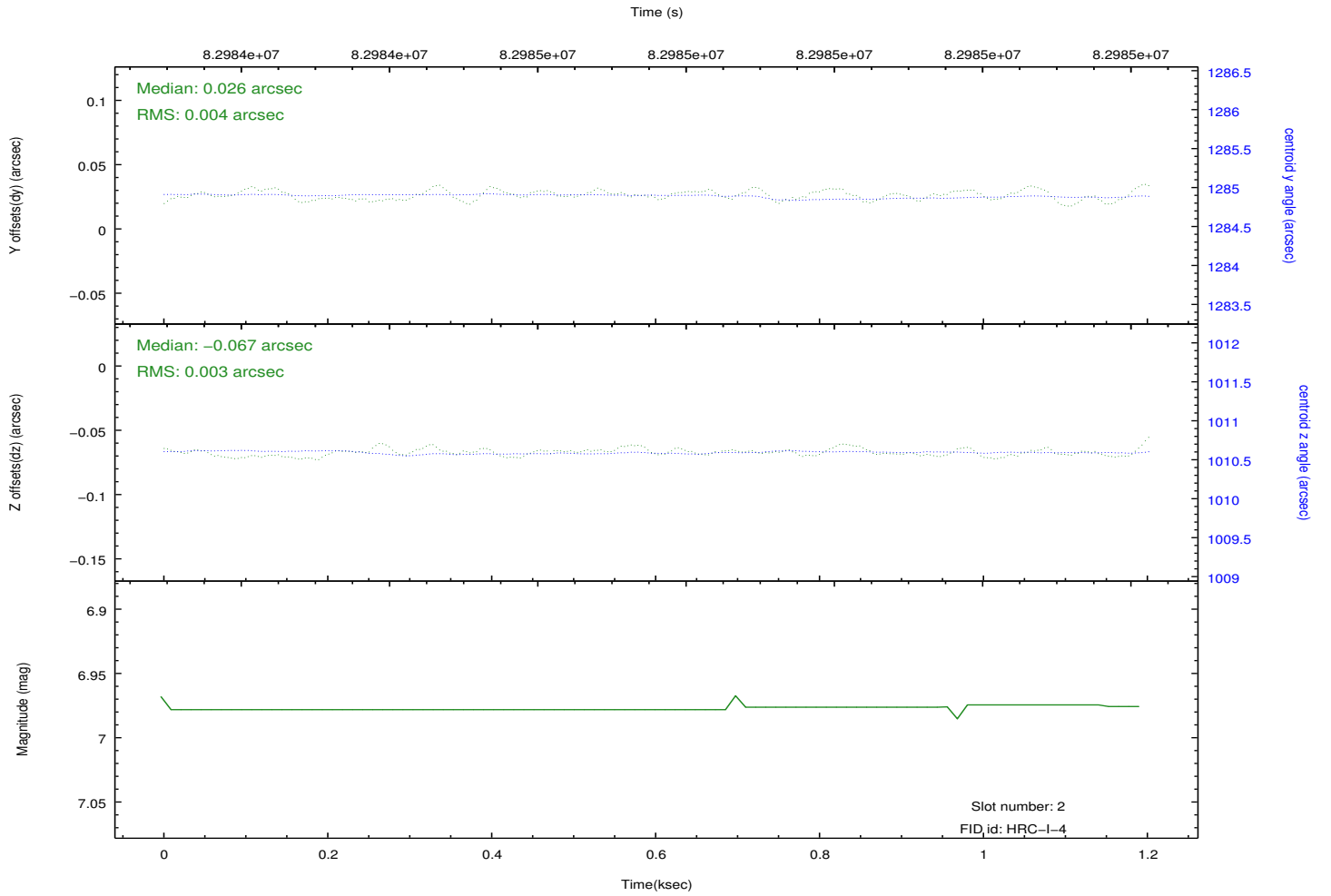
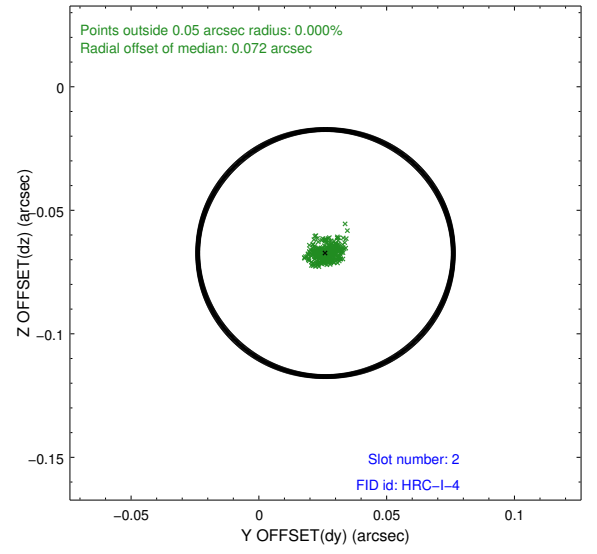
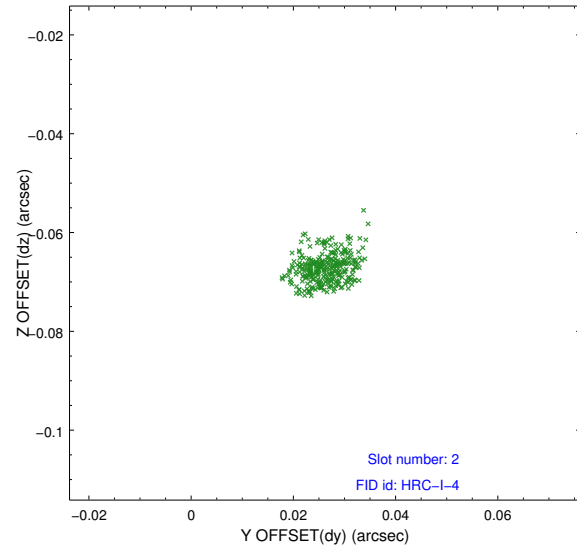
2.5.1 Slot 0



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)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.174

A.2 Comments