

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 276 - L2 Version 5
Chandra X-Ray Center

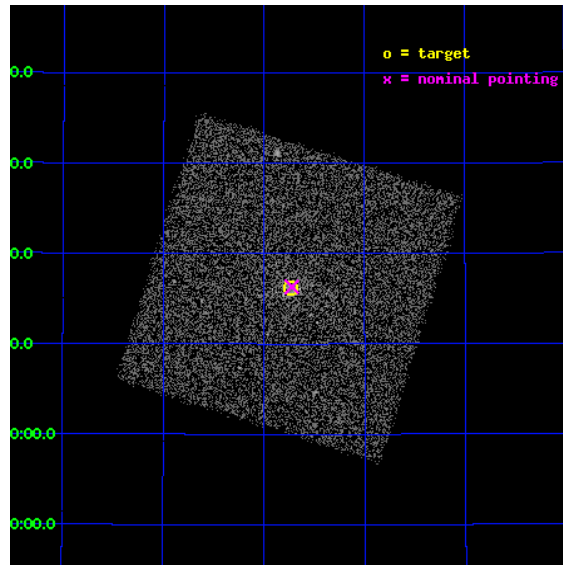
L2 Processing Date : Sep 1 2012

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

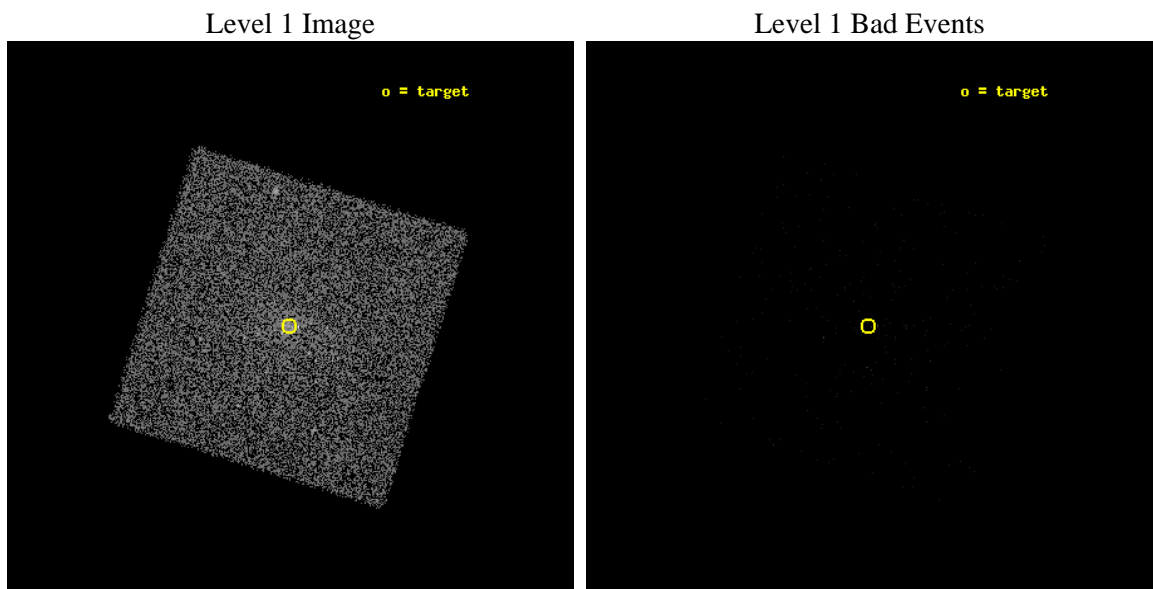
seq_num	600036	Sequence number
obs_id	276	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.680459509752	Nominal RA [deg]
dec_nom	41.272223186079	Nominal Dec [deg]
roll_nom	152.42013230631	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1188.2312946618	[s]
livetime	1182.7863512638	Ontime multiplied by DTCOR
l2events	28821	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	1188.2312946618	[s]
caldsver	4.5.1.1	 	l1events	53460	Number of level 1 events
date	2012-09-01T15:33:09	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

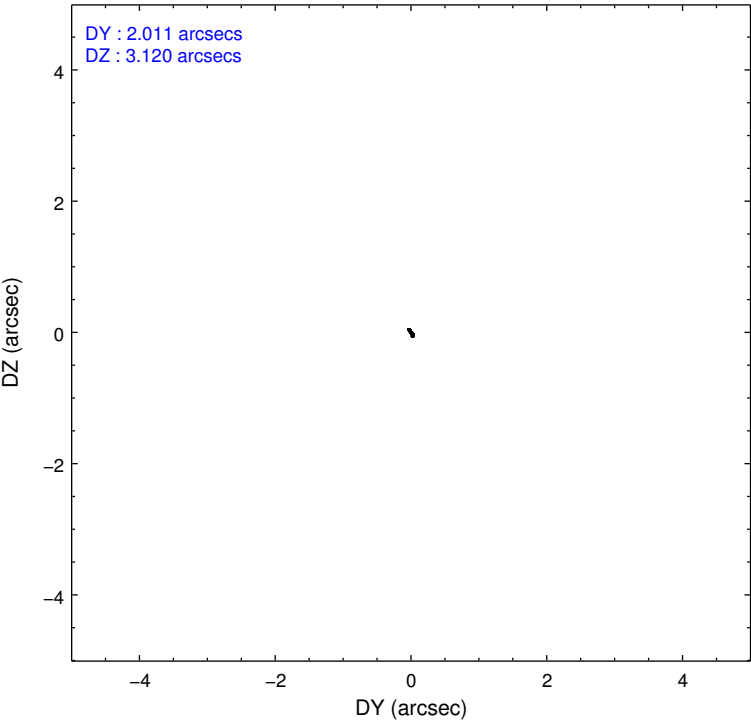
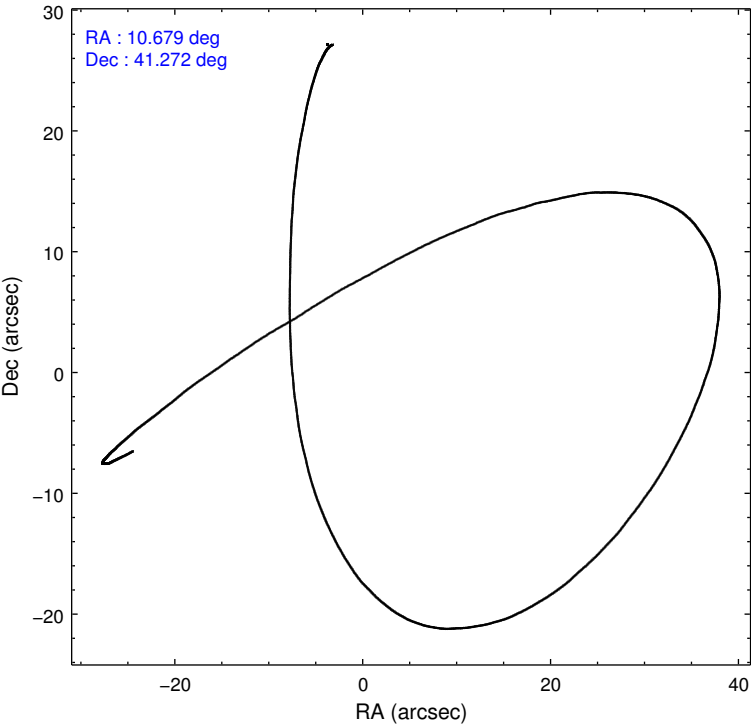
	segment 0
level 1 events	53460
rejected events	11380
rejected %	21%

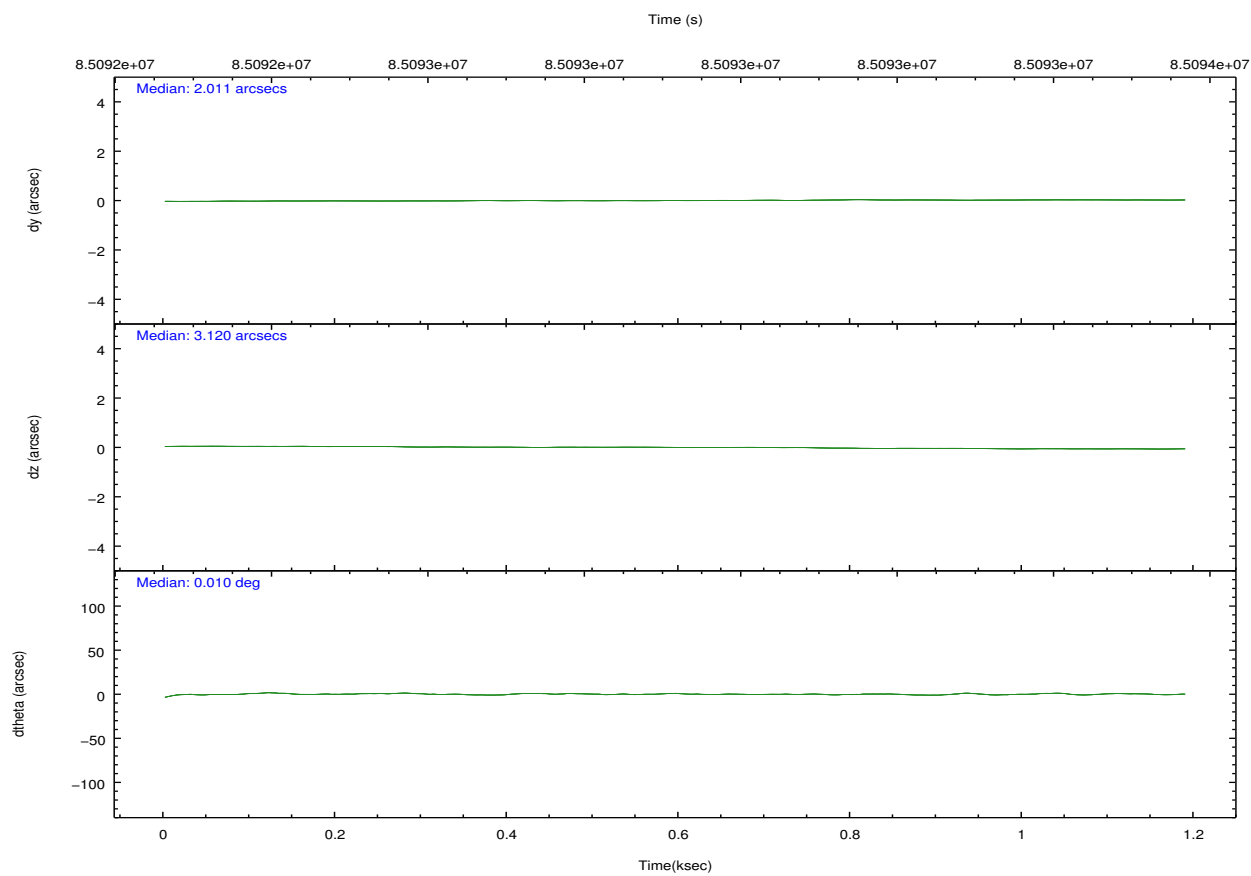
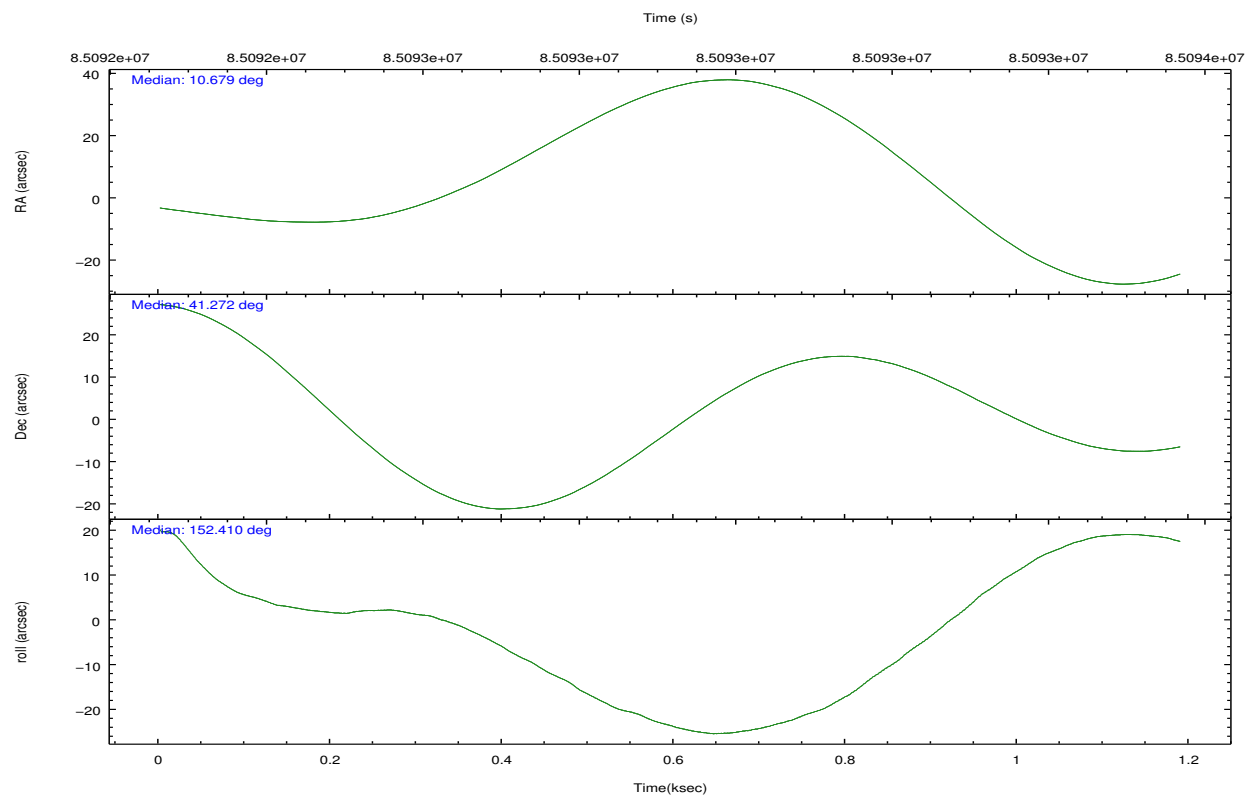
2.2 Compared Parameters

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	10.717441	10.68045950975228
[deg] Pointing Dec	41.273944	41.27222318607937
[deg] Pointing Roll	152.491176	152.4201323063094
[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)	85092510.184000	85092134.761843
Observation start date	2000-09-11T20:47:26	2000-09-11T20:42:14
[s] Observation end time (MET)	85093510.184000	85093644.5869
Observation end date	2000-09-11T21:04:06	2000-09-11T21:07:24

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

2.3 Aspect



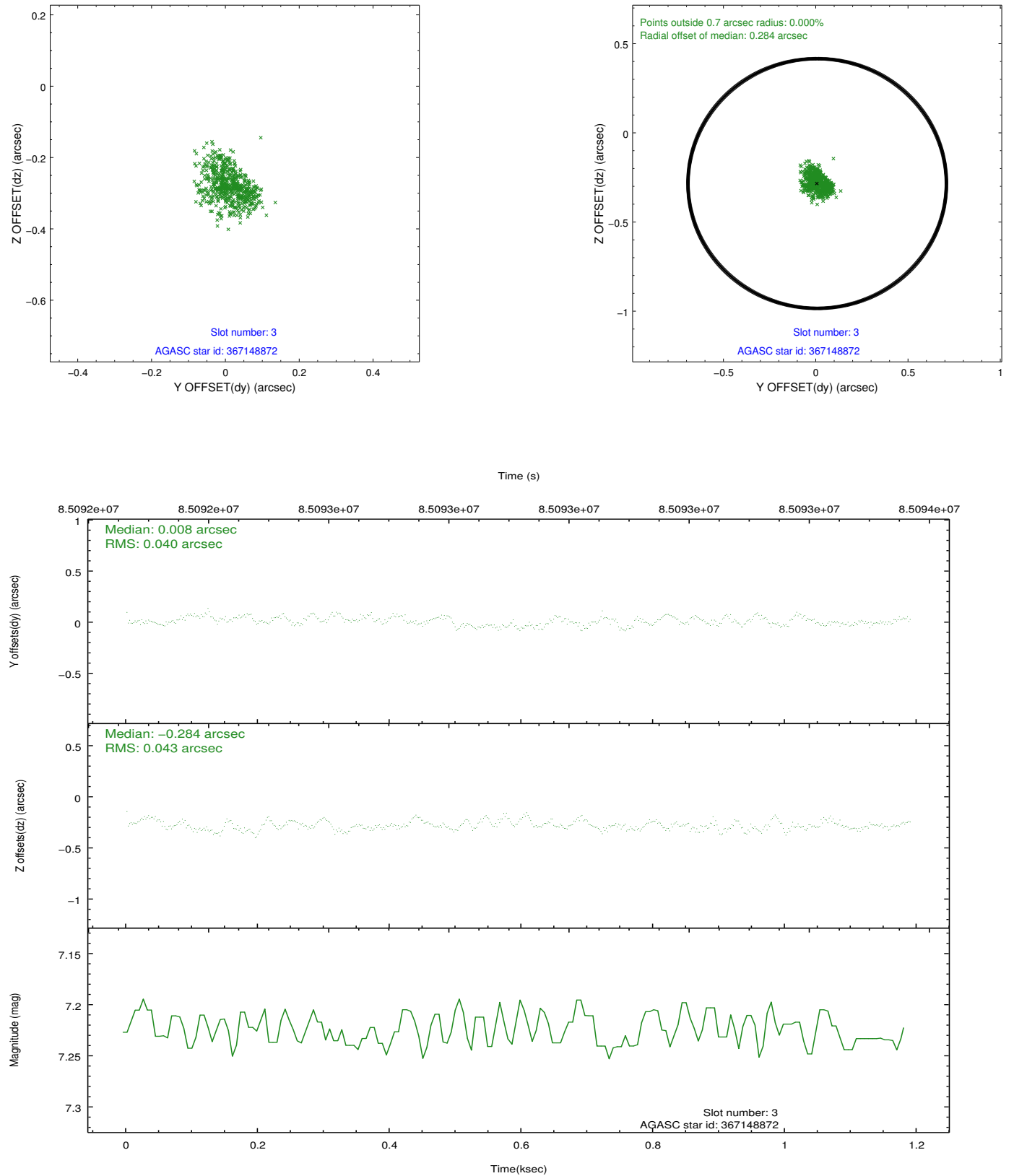


Slot Statistics

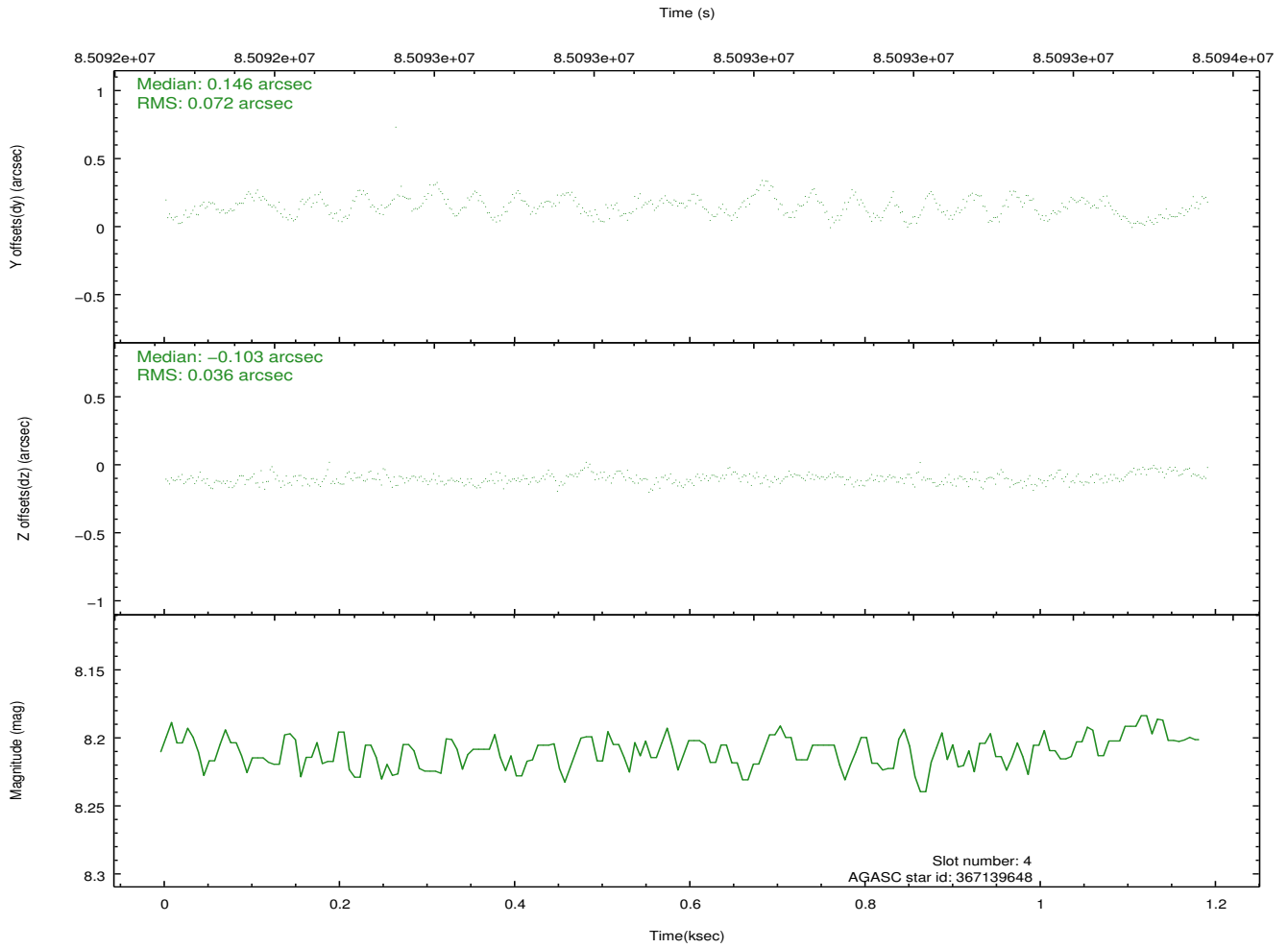
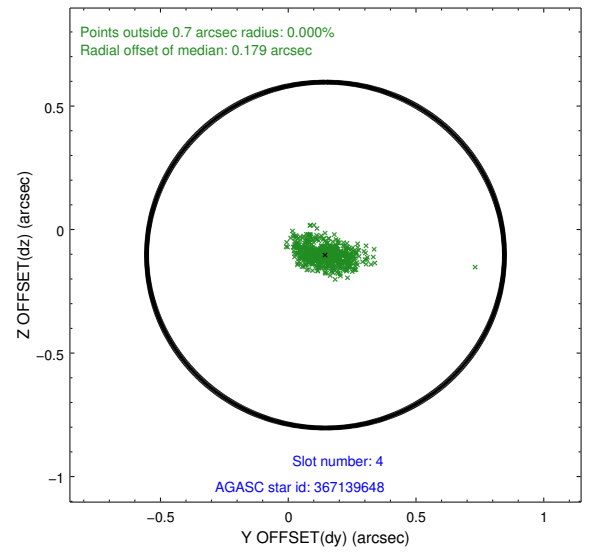
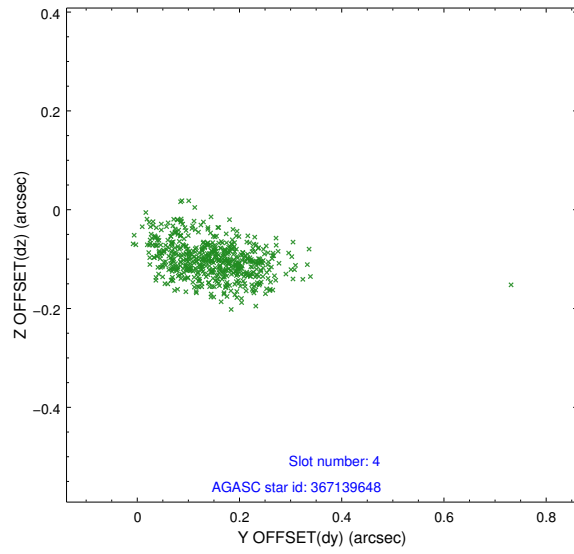
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	290	0.077	0.029	0.006	0.010	0.000000	0.000000	-757.43	-1290.79
1	FID	HRC-I-3	7.04	290	0.028	-0.042	0.006	0.009	0.000000	0.000000	-1188.51	1009.26
2	FID	HRC-I-4	7.00	290	0.009	-0.077	0.005	0.007	0.000000	0.000000	1281.27	1014.69
3	GUIDE	367148872	7.23	581	0.008	-0.284	0.065	0.096	10.505940	40.688258	-463.18	2135.04
4	GUIDE	367139648	8.21	581	0.146	-0.103	0.085	0.131	11.021290	40.433909	-2137.10	2298.83
5	GUIDE	367674552	8.85	581	0.041	0.111	0.065	0.109	11.016238	41.570845	-224.12	-1317.68
6	GUIDE	367671800	9.42	581	-0.151	0.199	0.096	0.158	10.554735	41.964935	1534.07	-2008.11
7	GUIDE	367663272	9.29	580	-0.046	0.058	0.080	0.132	10.656279	41.699429	854.97	-1286.64

2.4 Star Slots

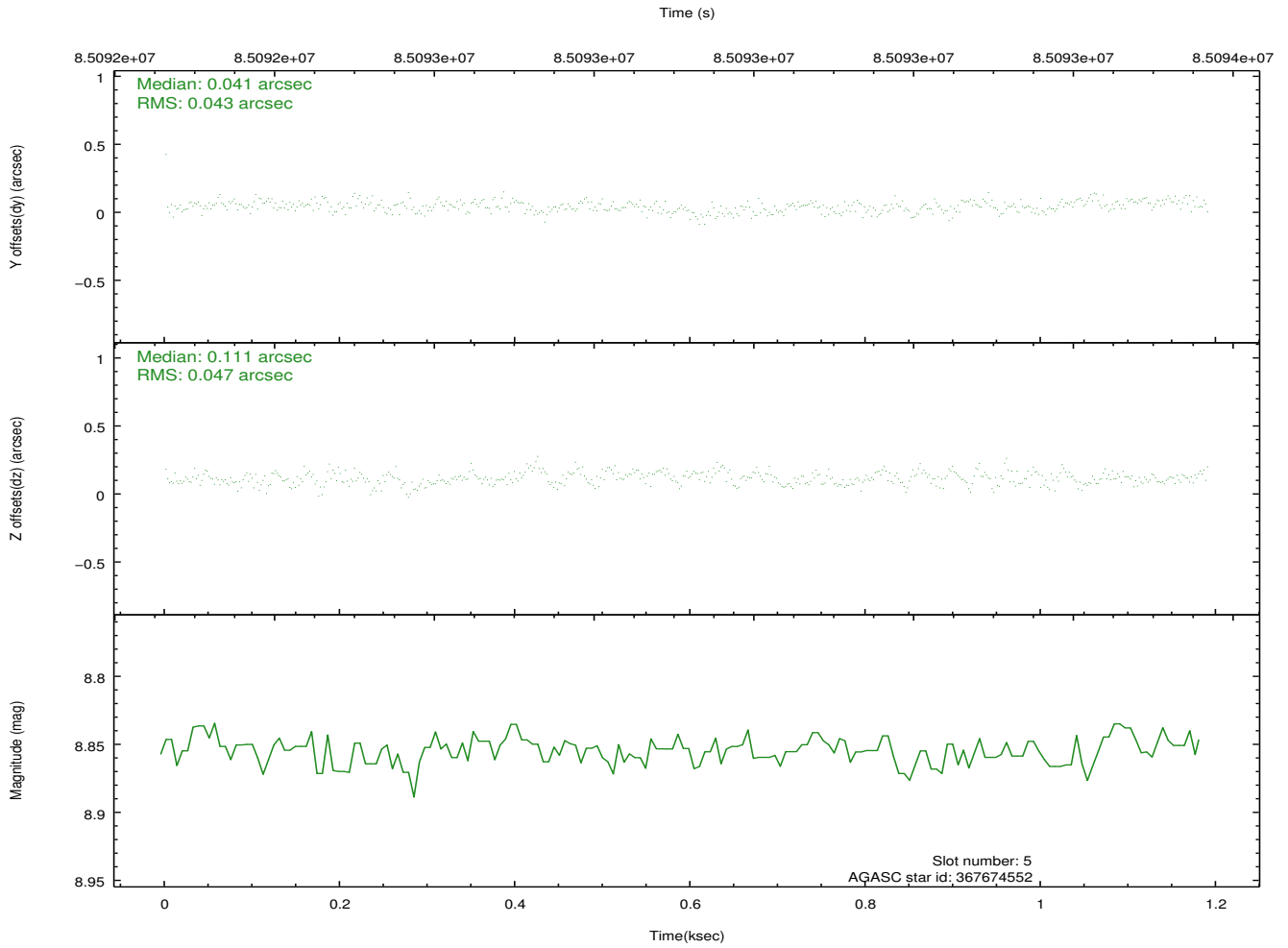
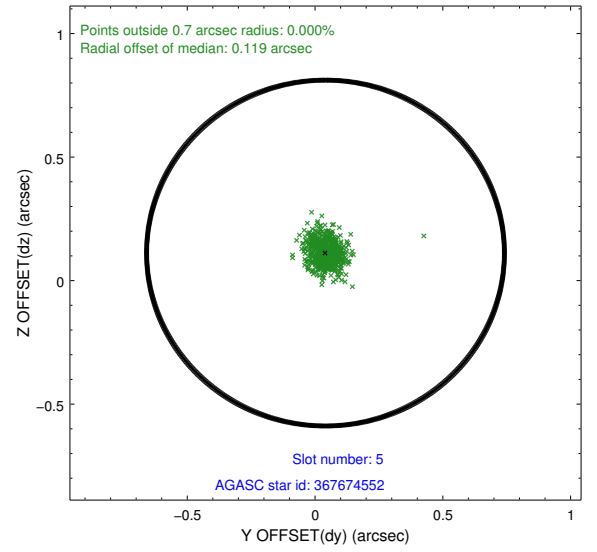
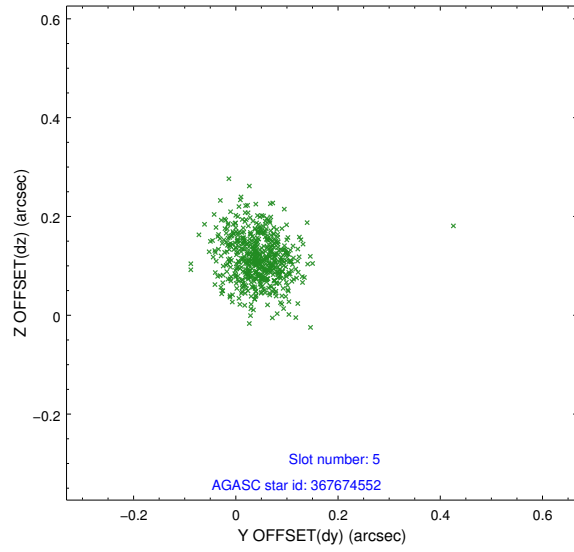
2.4.1 Slot 3



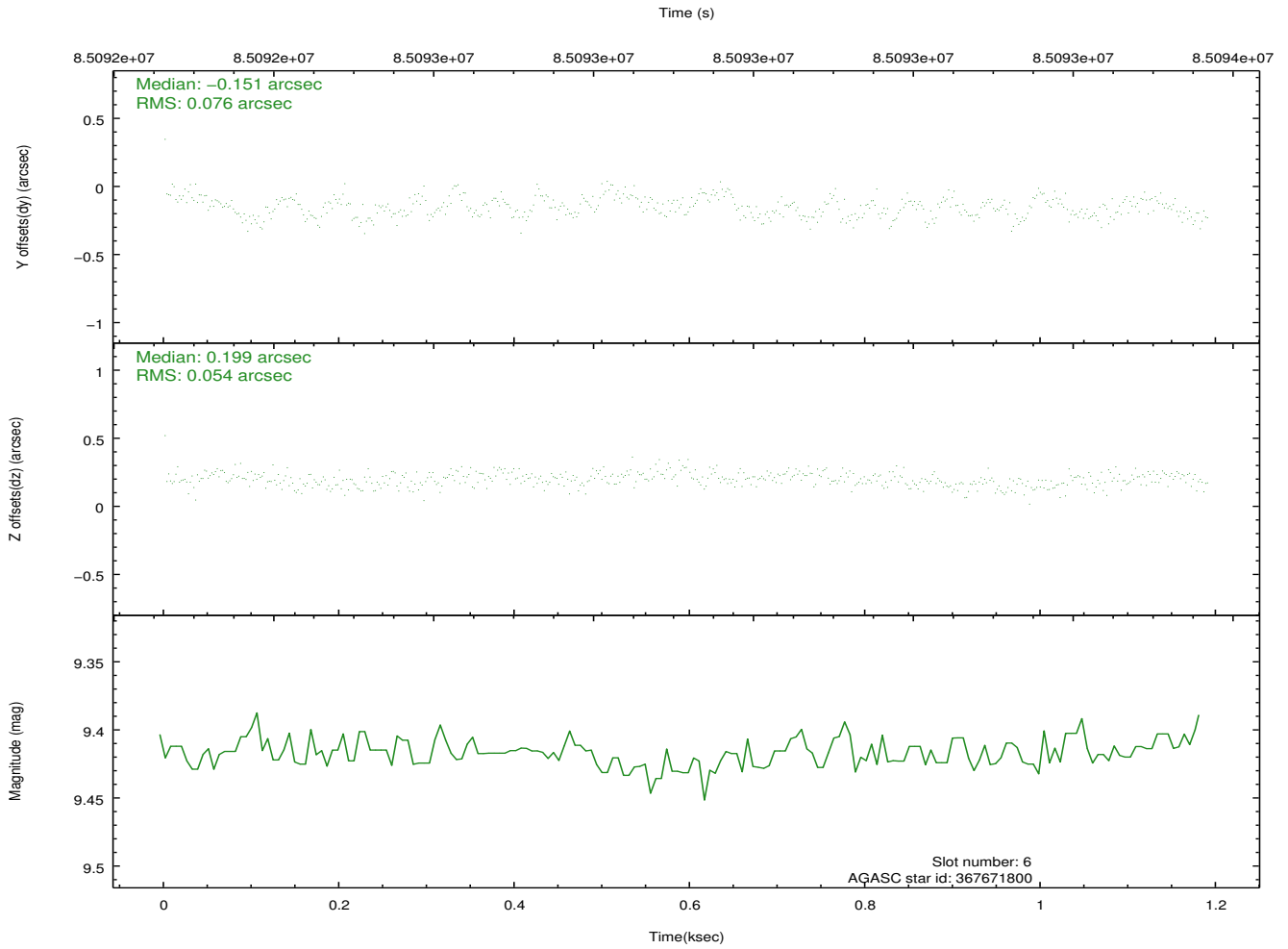
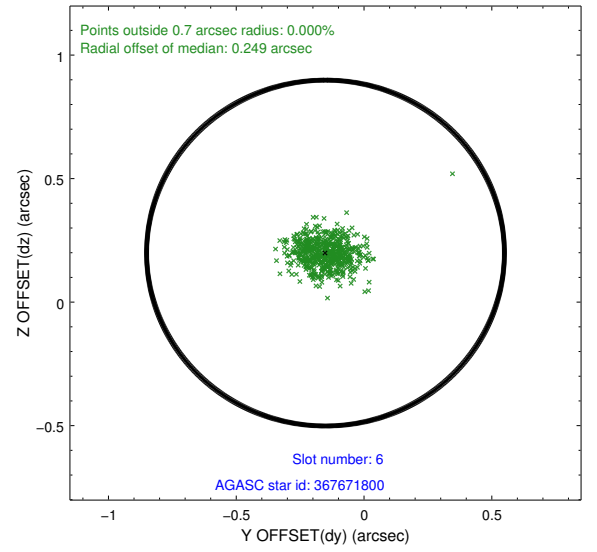
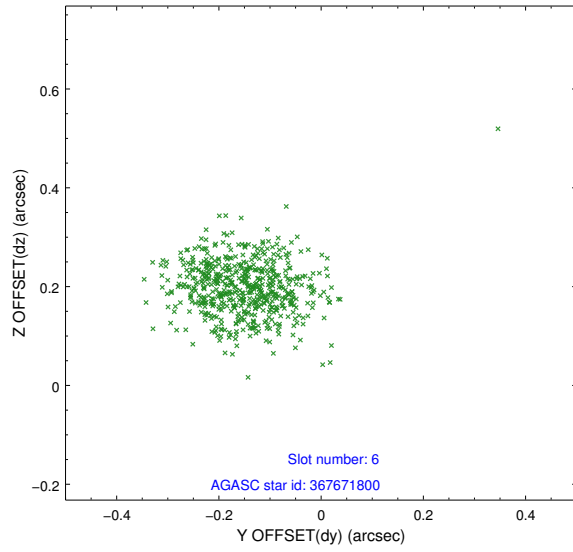
2.4.2 Slot 4



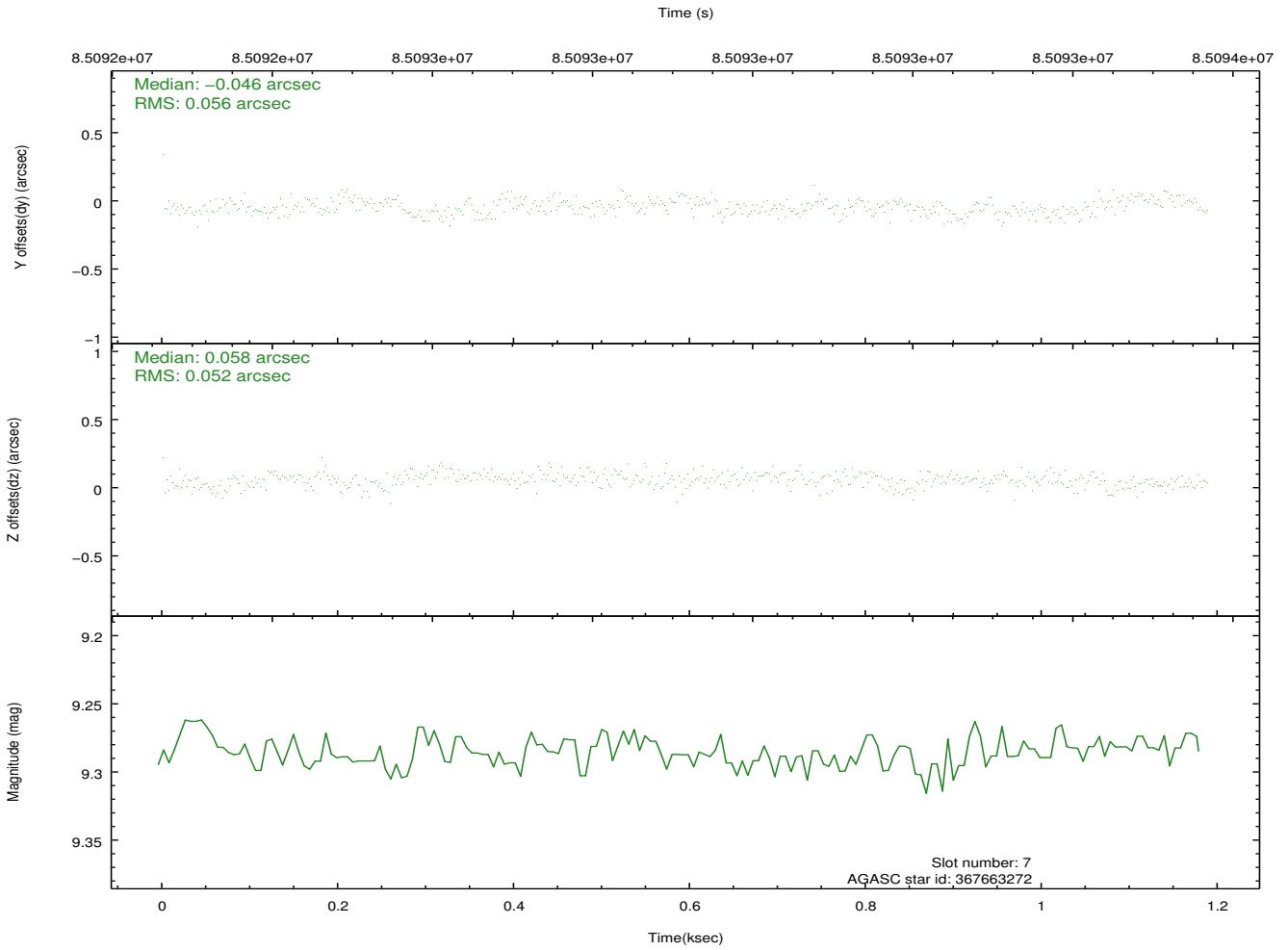
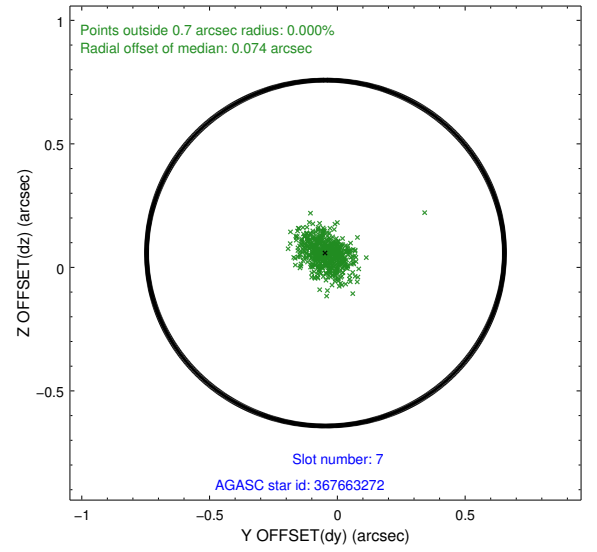
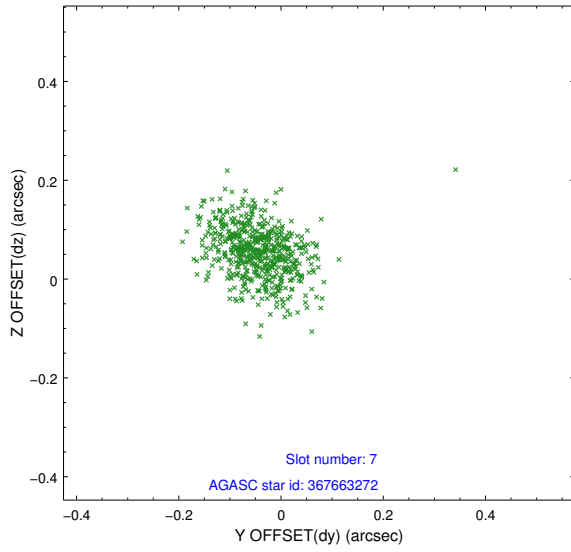
2.4.3 Slot 5



2.4.4 Slot 6

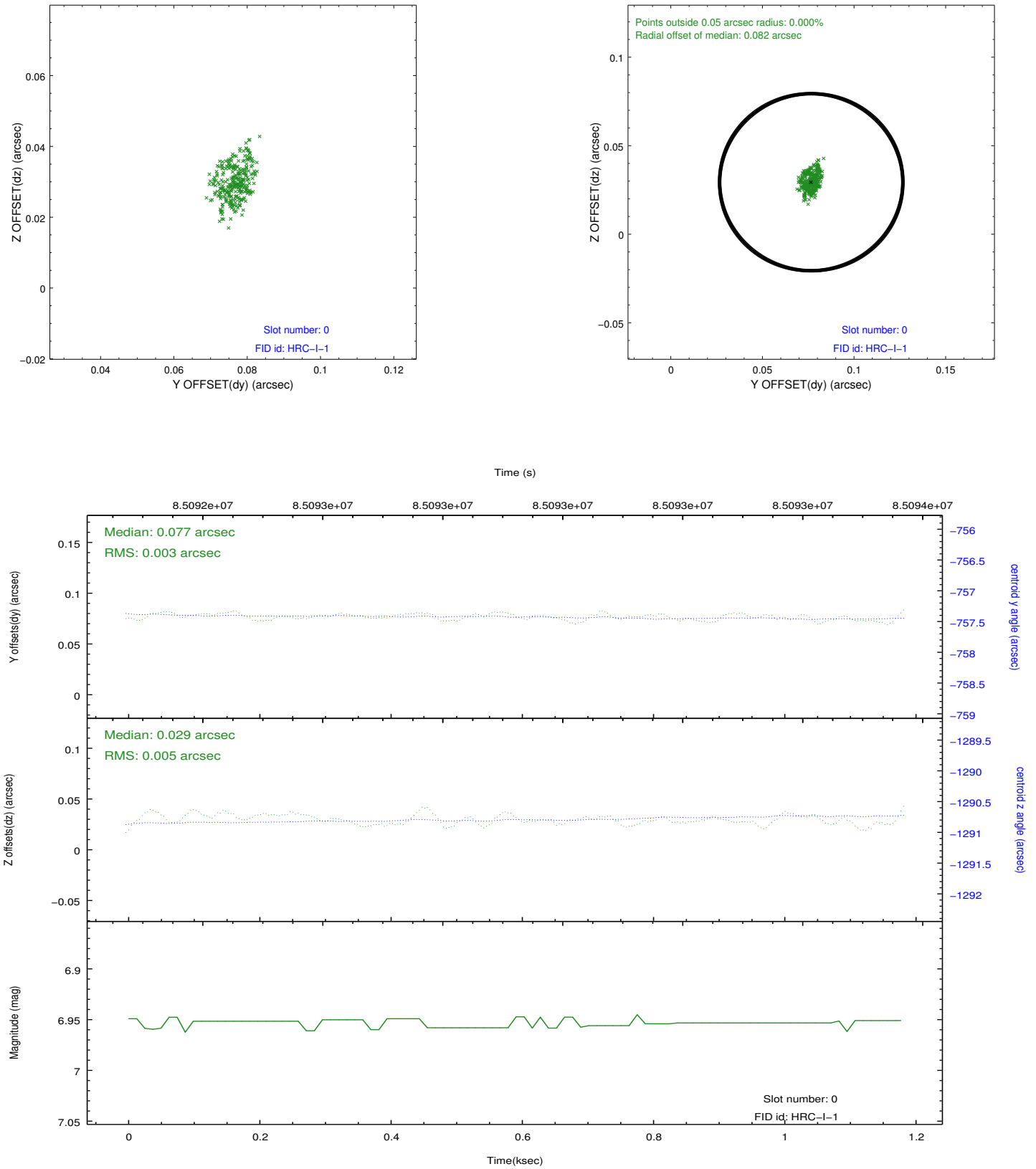


2.4.5 Slot 7

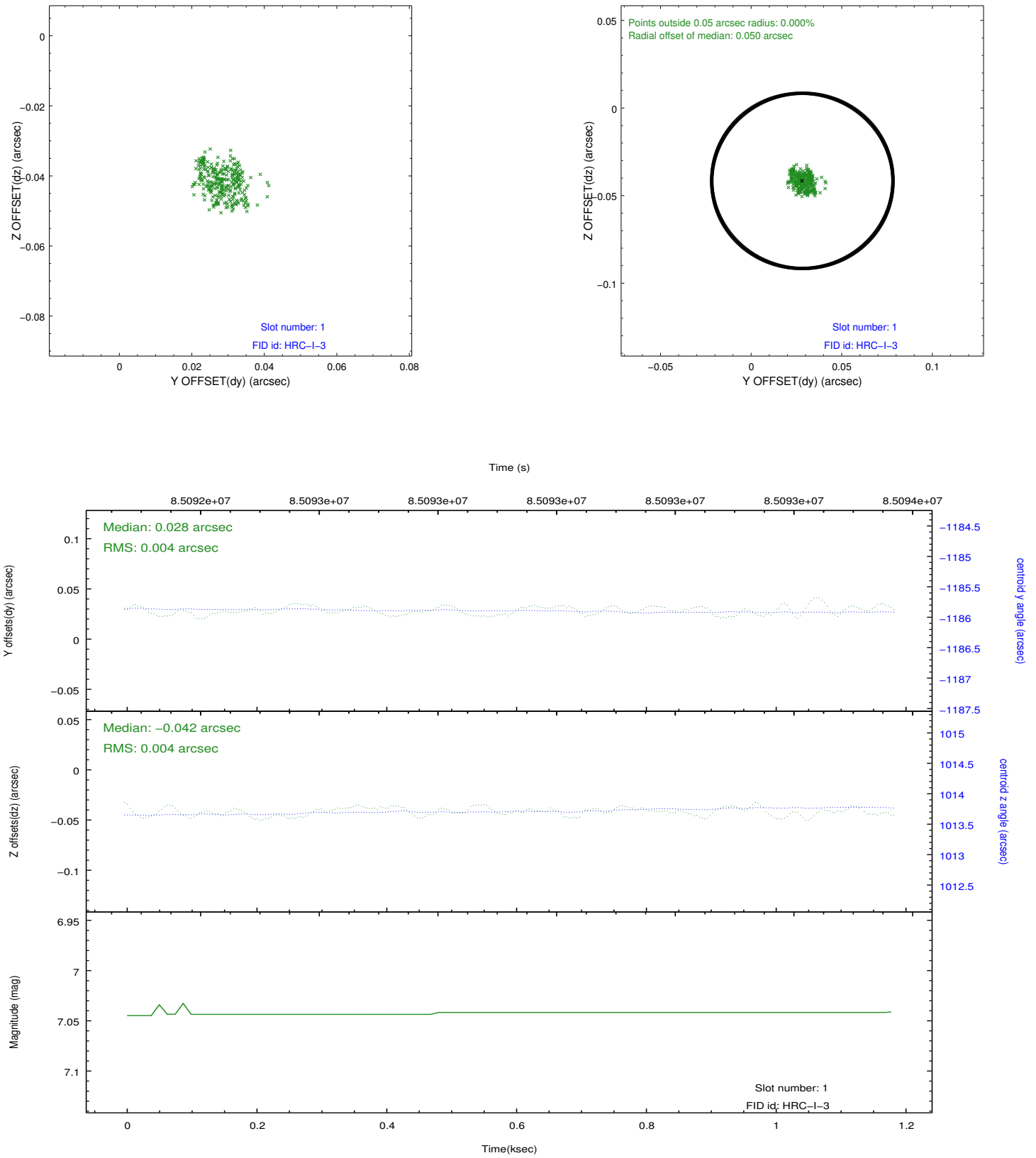


2.5 FID Slots

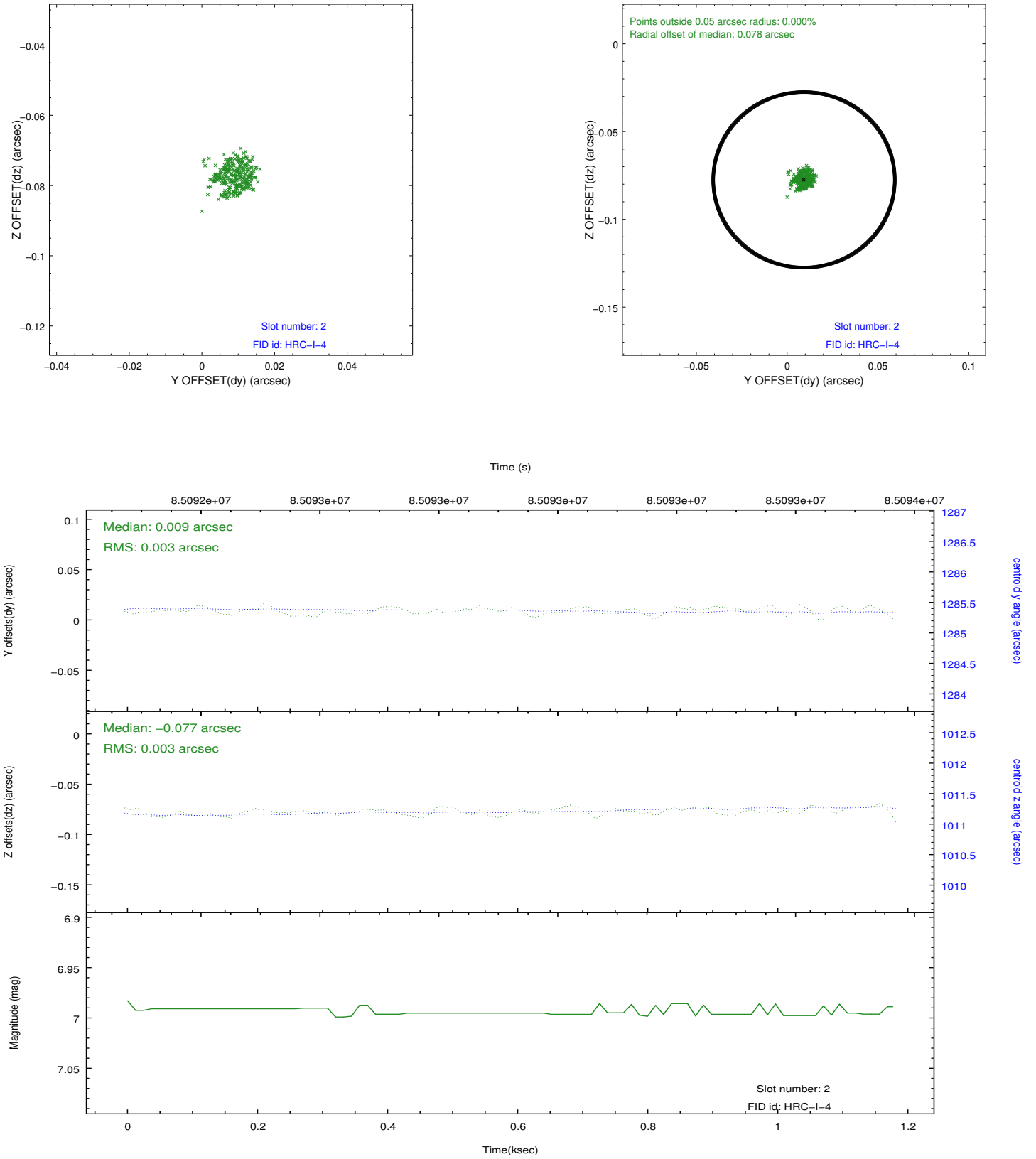
2.5.1 Slot 0



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)	2012.09.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.188

A.2 Comments