

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1502 - L2 Version 5

Chandra X-Ray Center

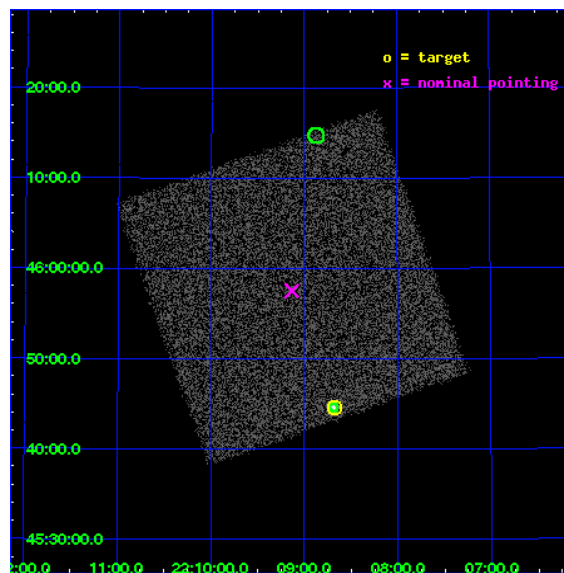
L2 Processing Date : Nov 25 2009

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1 Front

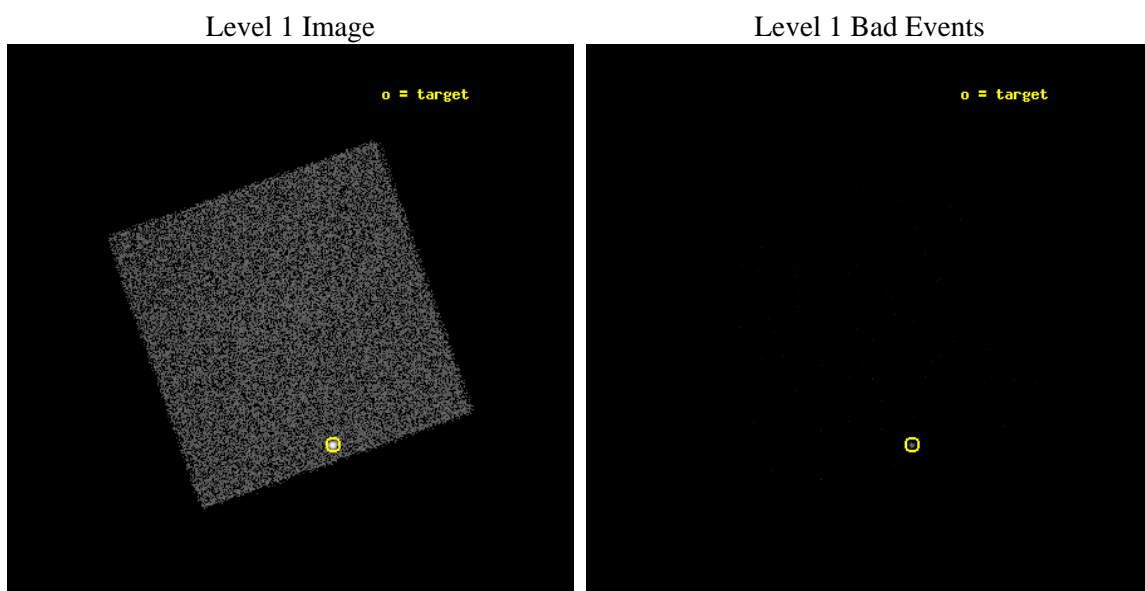
seq_num	280452	Sequence number
obs_id	1502	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.28332938492	Nominal RA
dec_nom	45.958992157933	Nominal Dec
roll_nom	295.49716671831	Nominal Roll
revision	5	Processing version of data
ontime	1212.8312938958	[s]
livetime	1205.1462828913	Ontime multiplied by DTCOR
l2events	38612	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	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	1212.8312938958	[s]
caldsver	4.1.4	 	l1events	60113	Number of level 1 events
date	2009-11-25T12:23:55	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

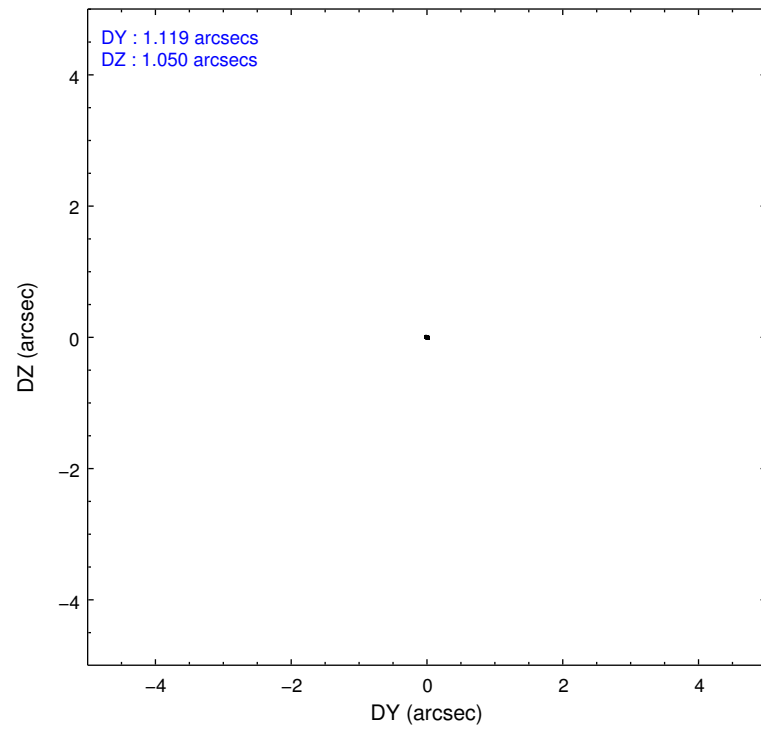
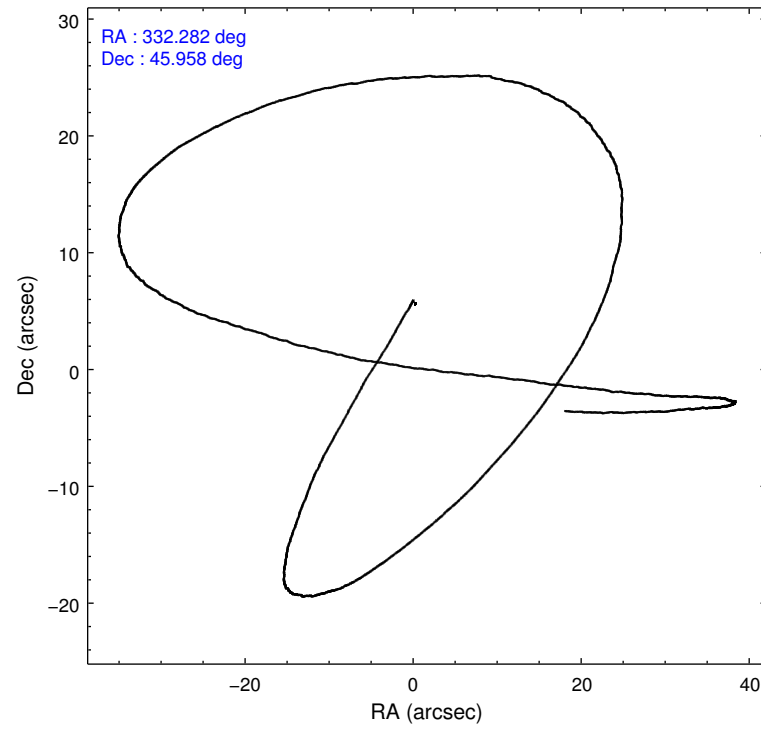
Level 1 Events

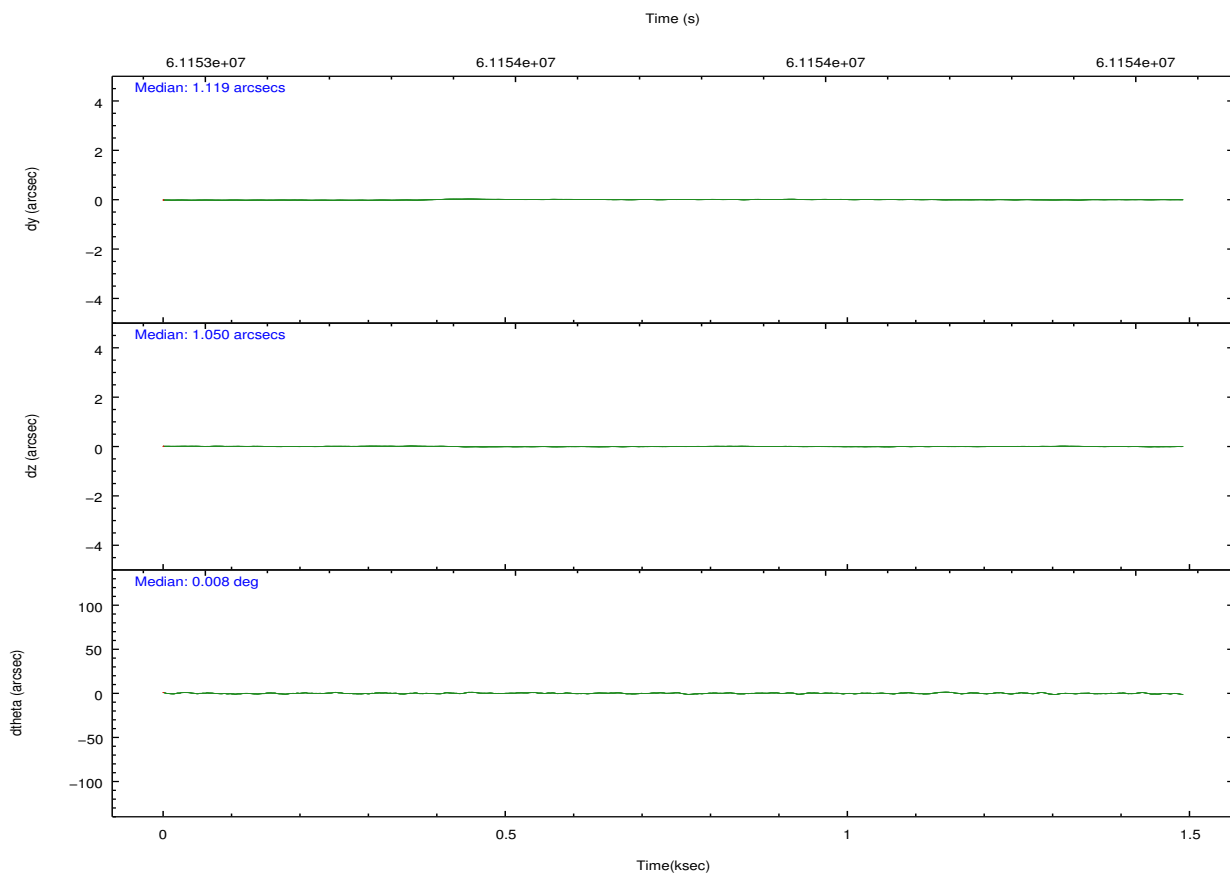
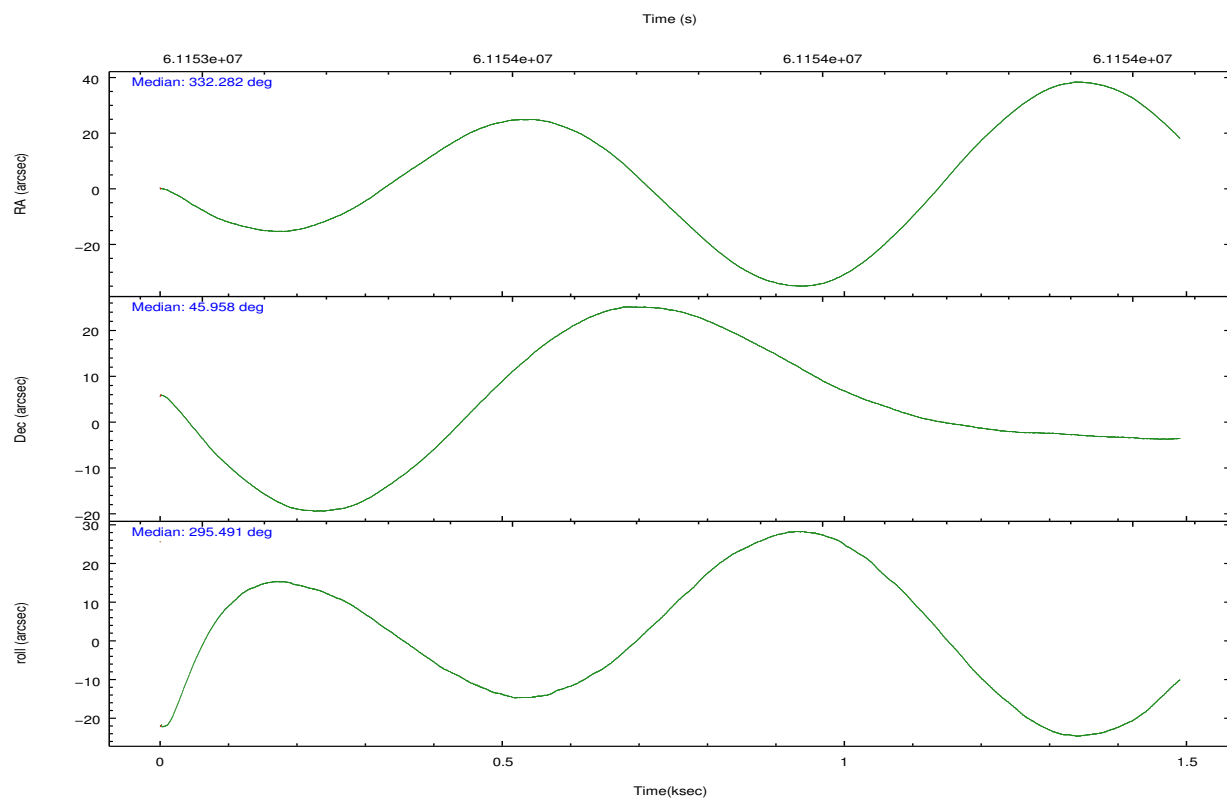
	segment 0
level 1 events	60113
rejected events	2524
rejected %	4%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.249972	332.2833293849154			
Pointing Dec	45.975323	45.95899215793295			
Pointing Roll	295.616835	295.4971667183122			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	61153499.184000	61152832.940877			
Observation start date	1999-12-09T19:03:55	1999-12-09T18:53:52			
Observation end time	61154499.184000	61154683.578444			
Observation end date	1999-12-09T19:20:35	1999-12-09T19:24:43			

2.3 Aspect



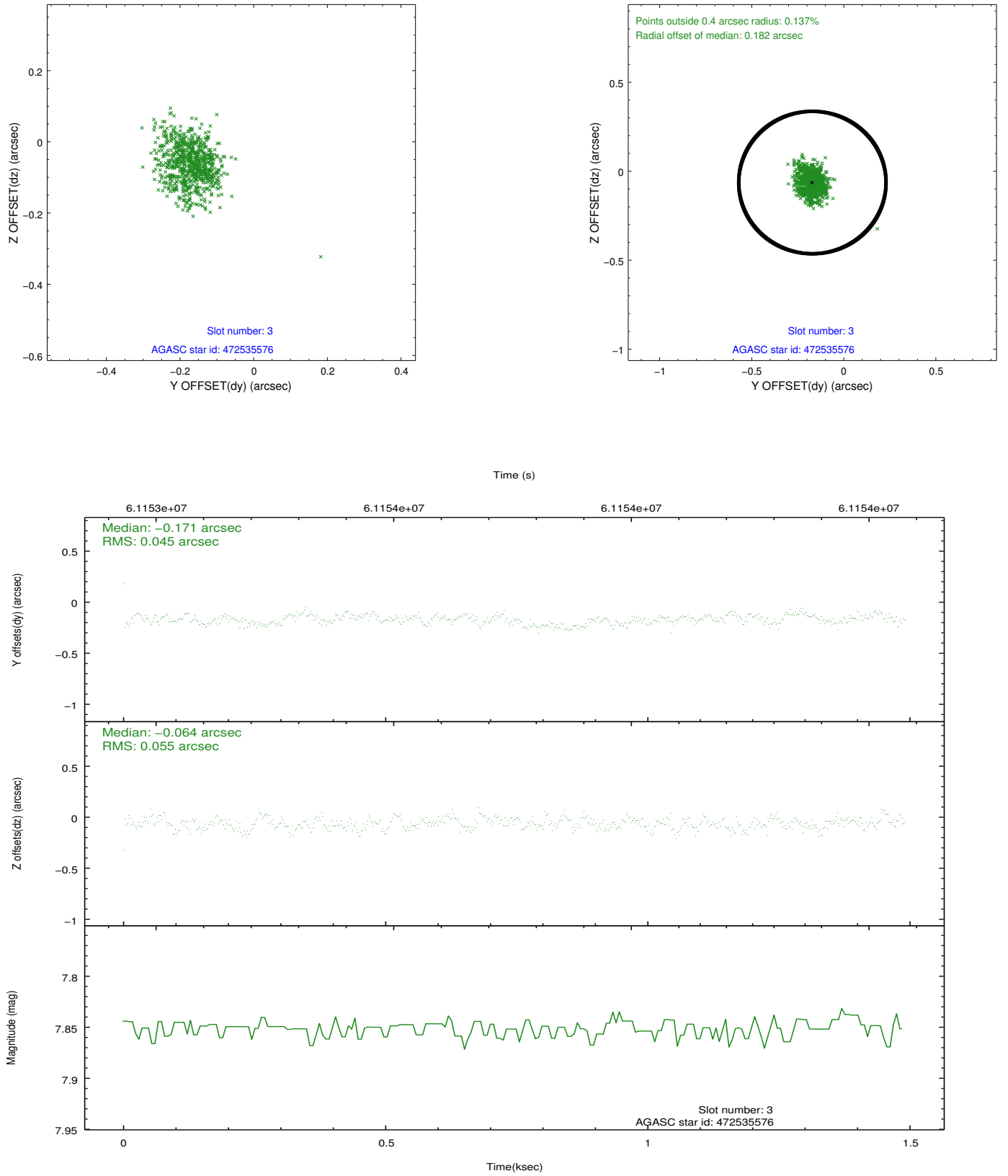


Slot Statistics

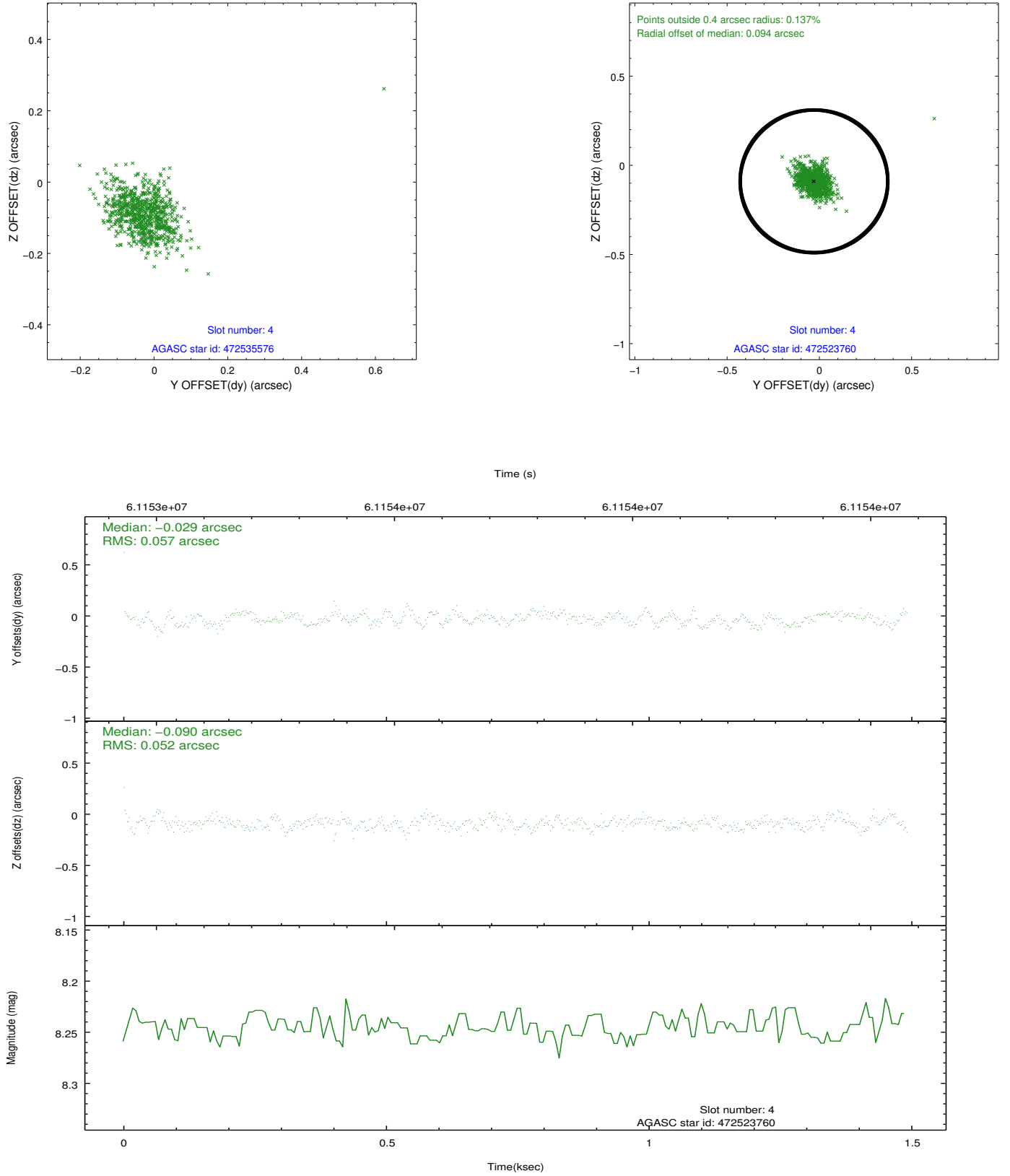
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	728	0.008	-0.049	0.005	0.010	0.000000	0.000000	-756.51	-1288.84
1	FID	HRC-I-3	7.04	728	0.058	-0.041	0.005	0.011	0.000000	0.000000	-1186.03	1013.96
2	FID	HRC-I-4	6.99	728	0.048	0.000	0.004	0.007	0.000000	0.000000	1284.65	1014.80
3	GUIDE	472535576	7.85	728	-0.171	-0.064	0.075	0.118	331.438373	46.291802	-1912.70	-1323.43
4	GUIDE	472523760	8.25	728	-0.029	-0.090	0.077	0.123	331.645363	45.403260	1185.53	-2267.43
5	GUIDE	472655152	9.43	728	0.124	-0.023	0.091	0.155	332.504239	45.862991	637.86	397.59
6	GUIDE	472659736	9.41	728	-0.078	0.010	0.124	0.189	332.848312	46.590160	-1363.57	2294.87
7	GUIDE	472646552	9.63	726	0.160	0.164	0.126	0.200	333.120915	45.571877	2242.75	1360.18

2.4 Star Slots

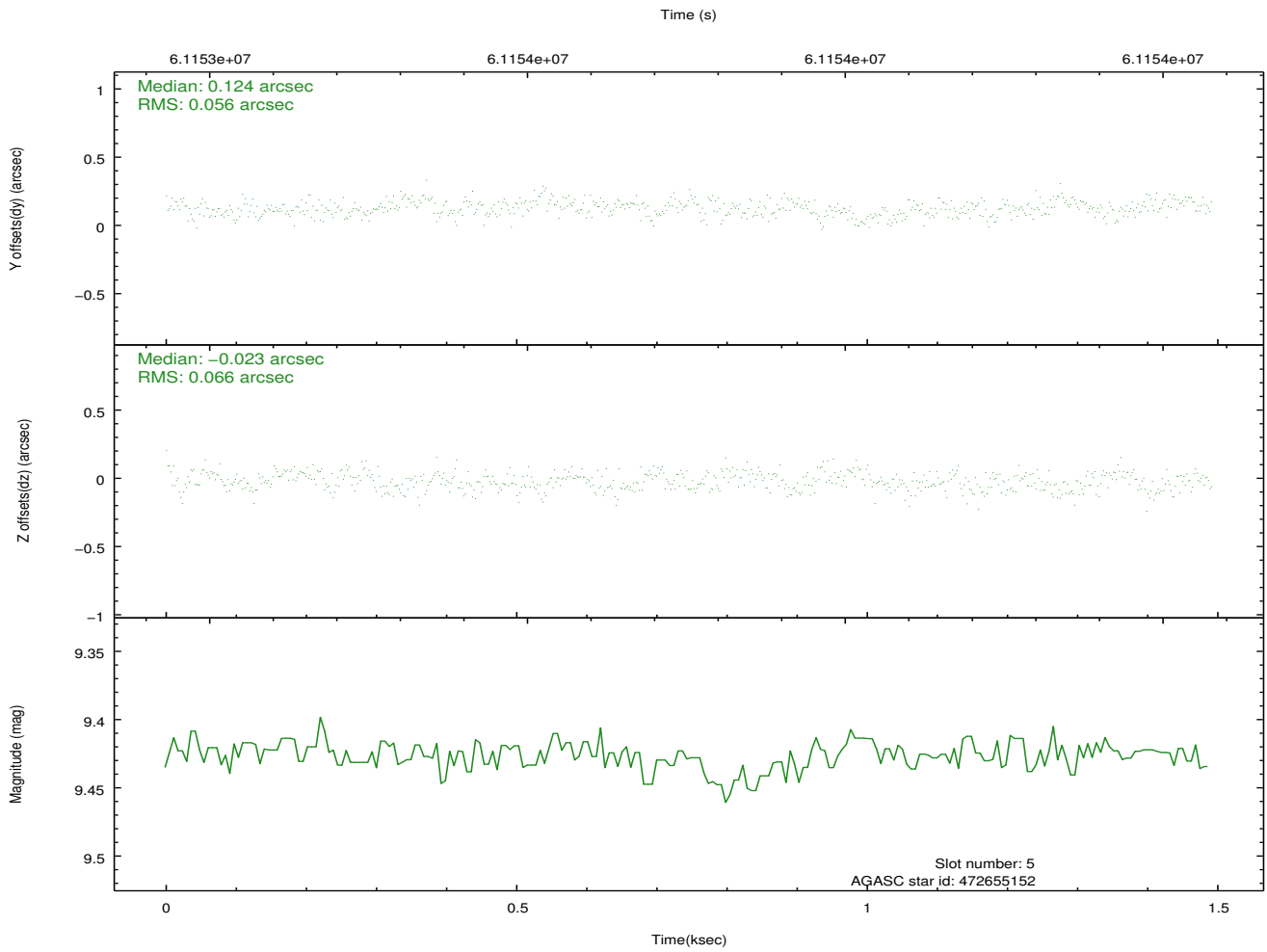
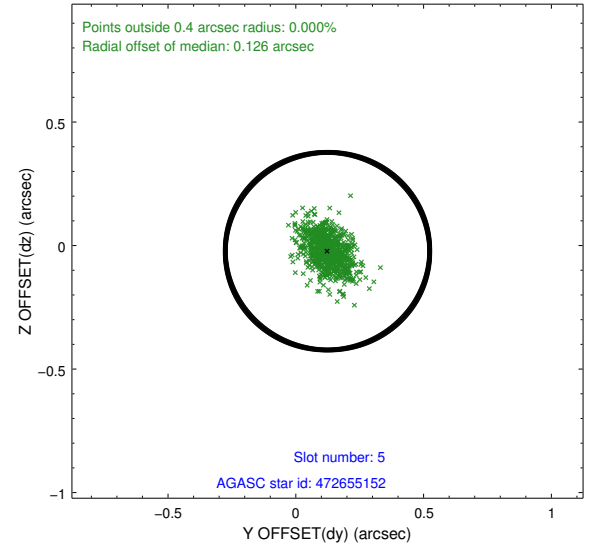
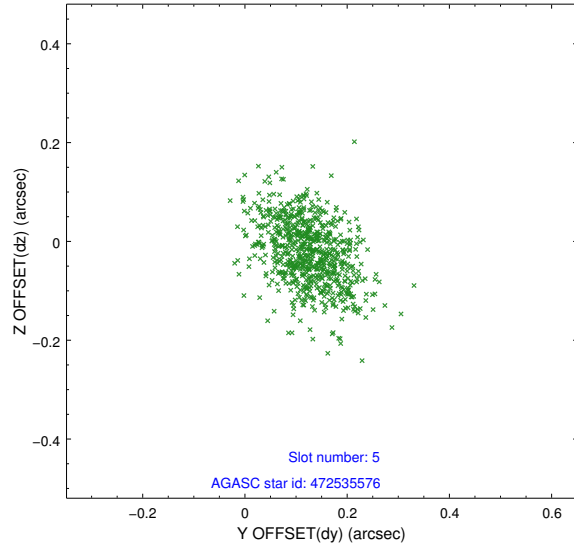
2.4.1 Slot 3



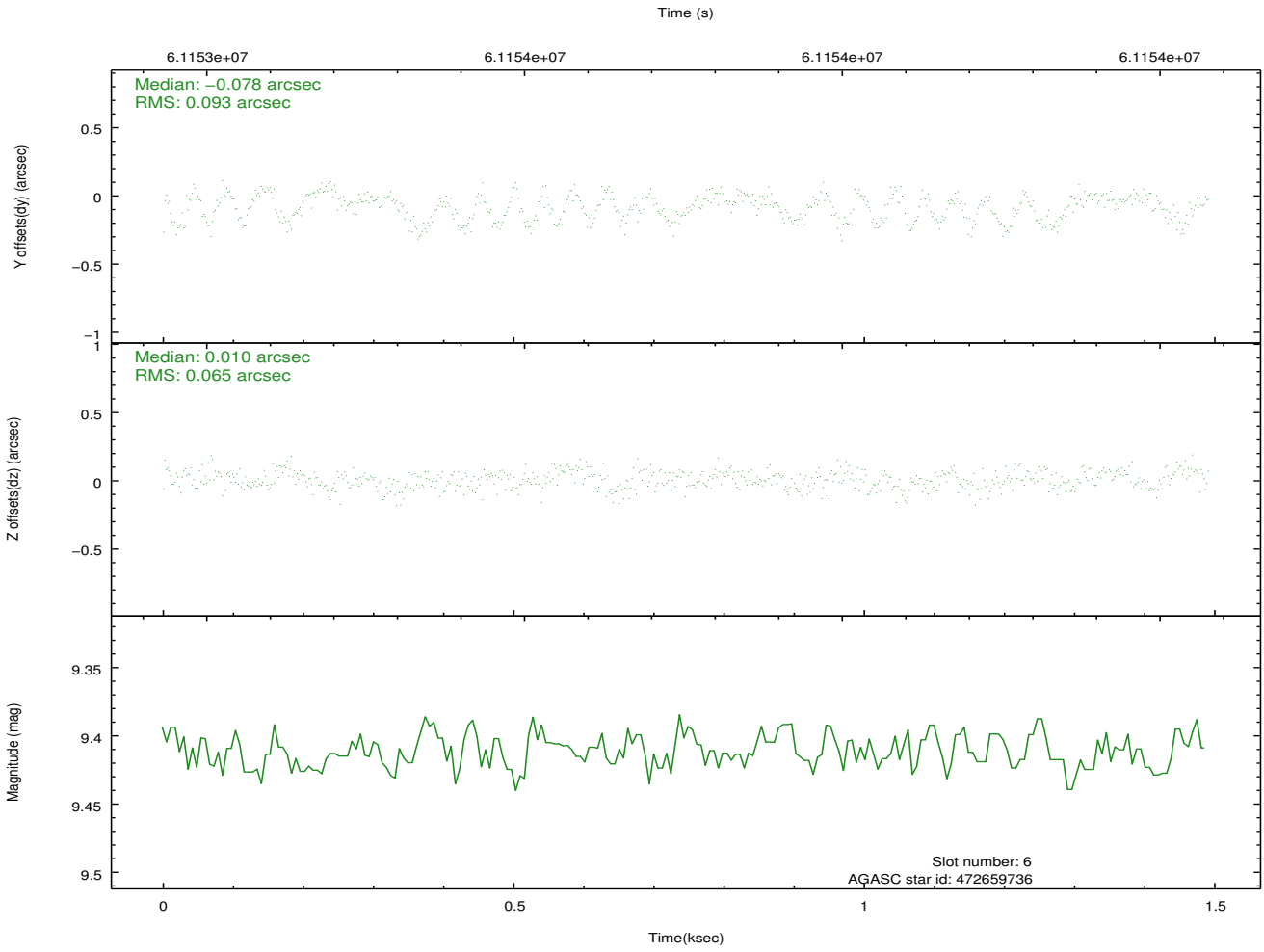
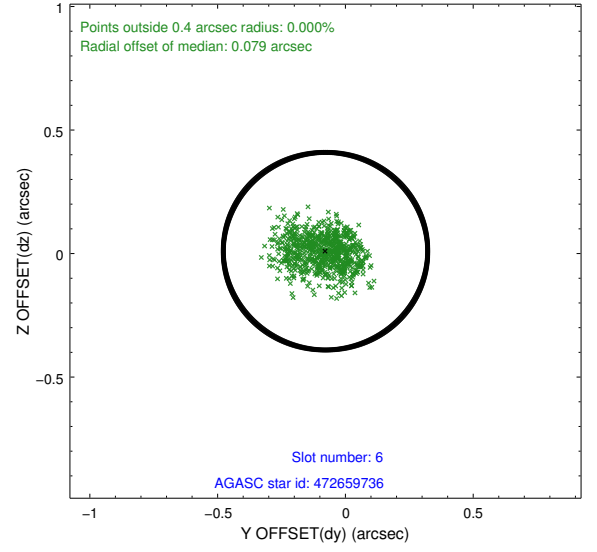
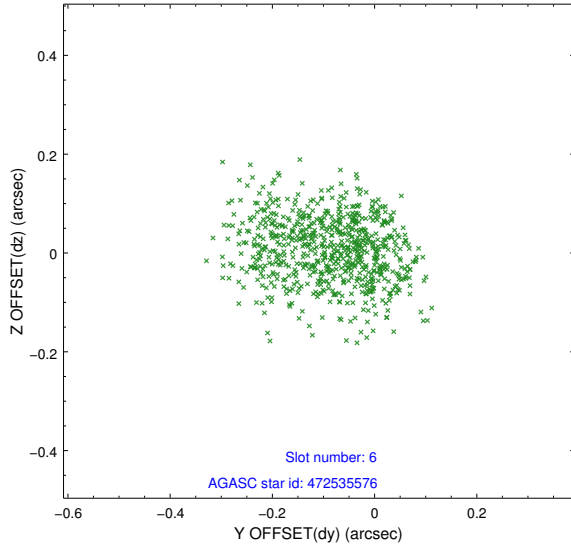
2.4.2 Slot 4



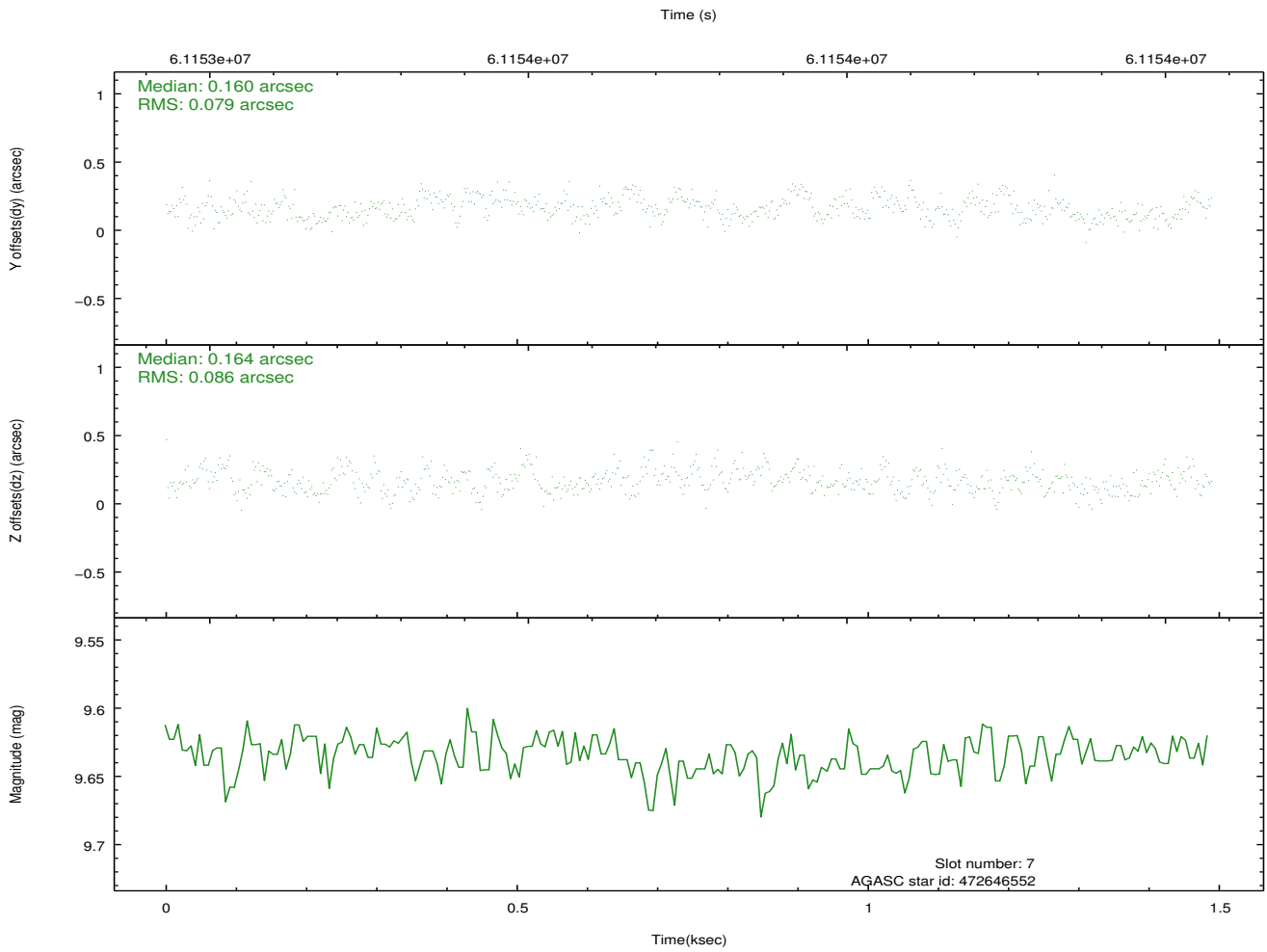
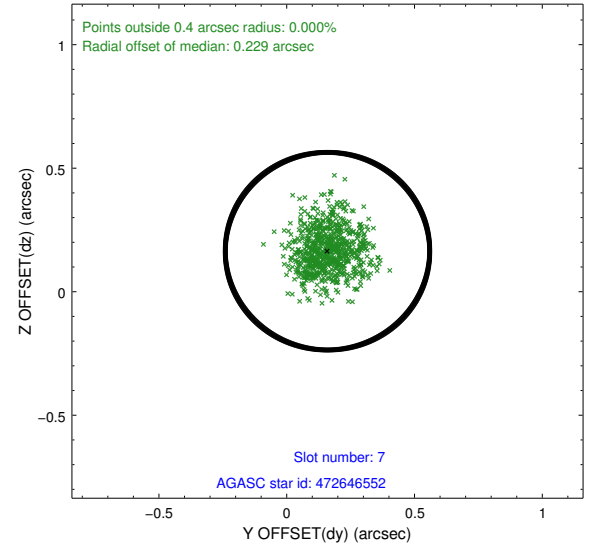
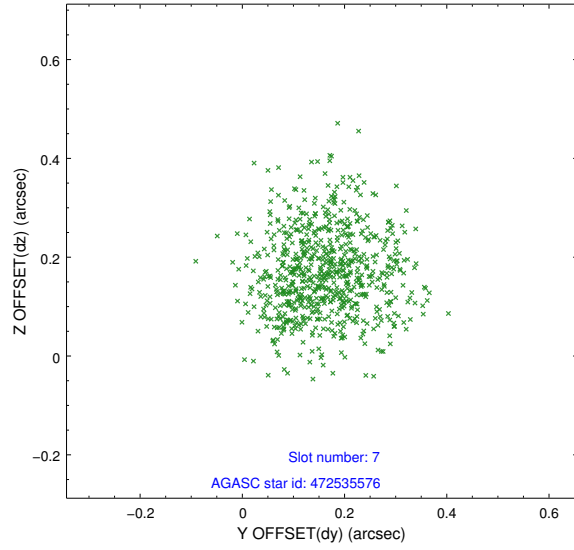
2.4.3 Slot 5



2.4.4 Slot 6

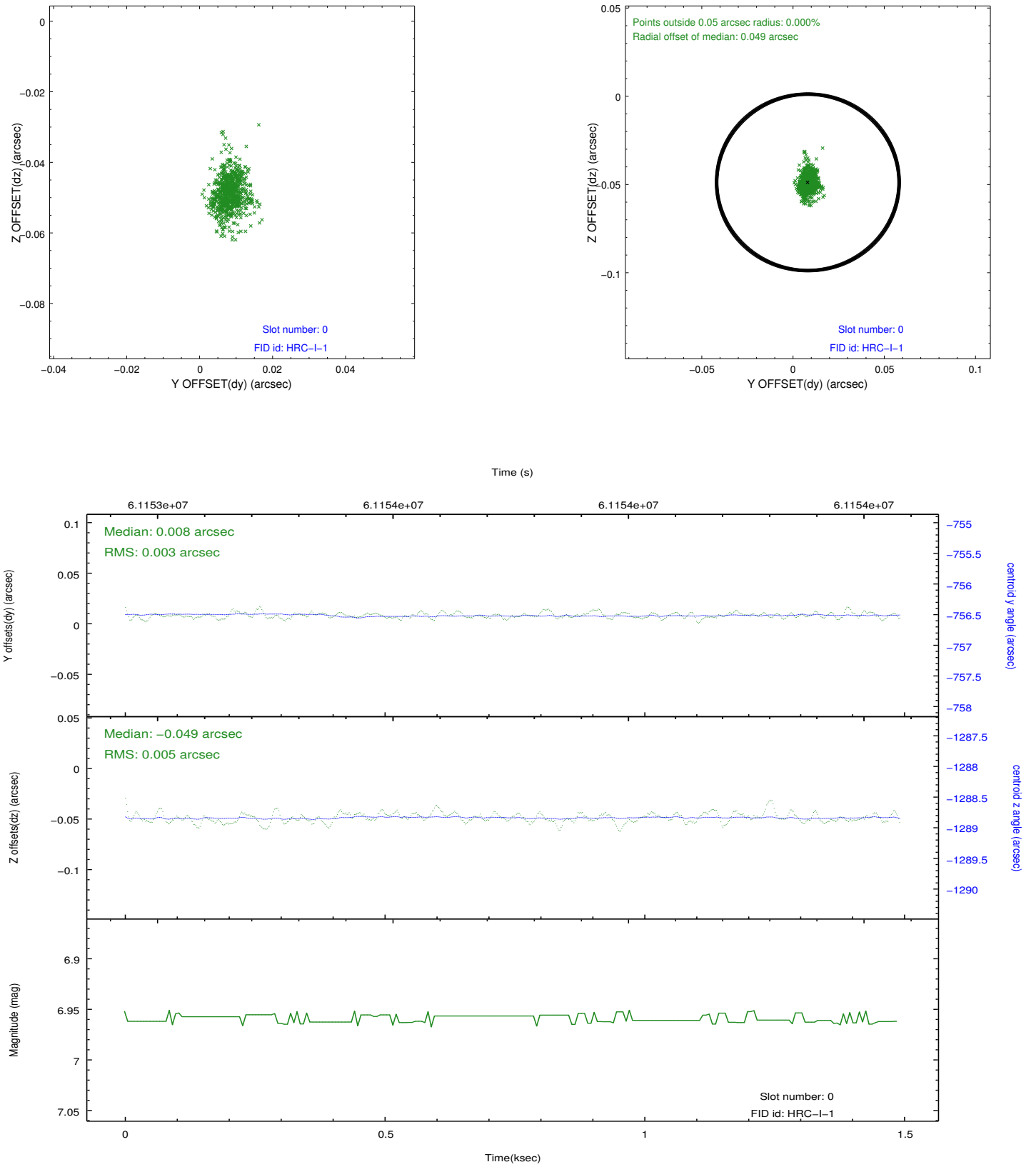


2.4.5 Slot 7

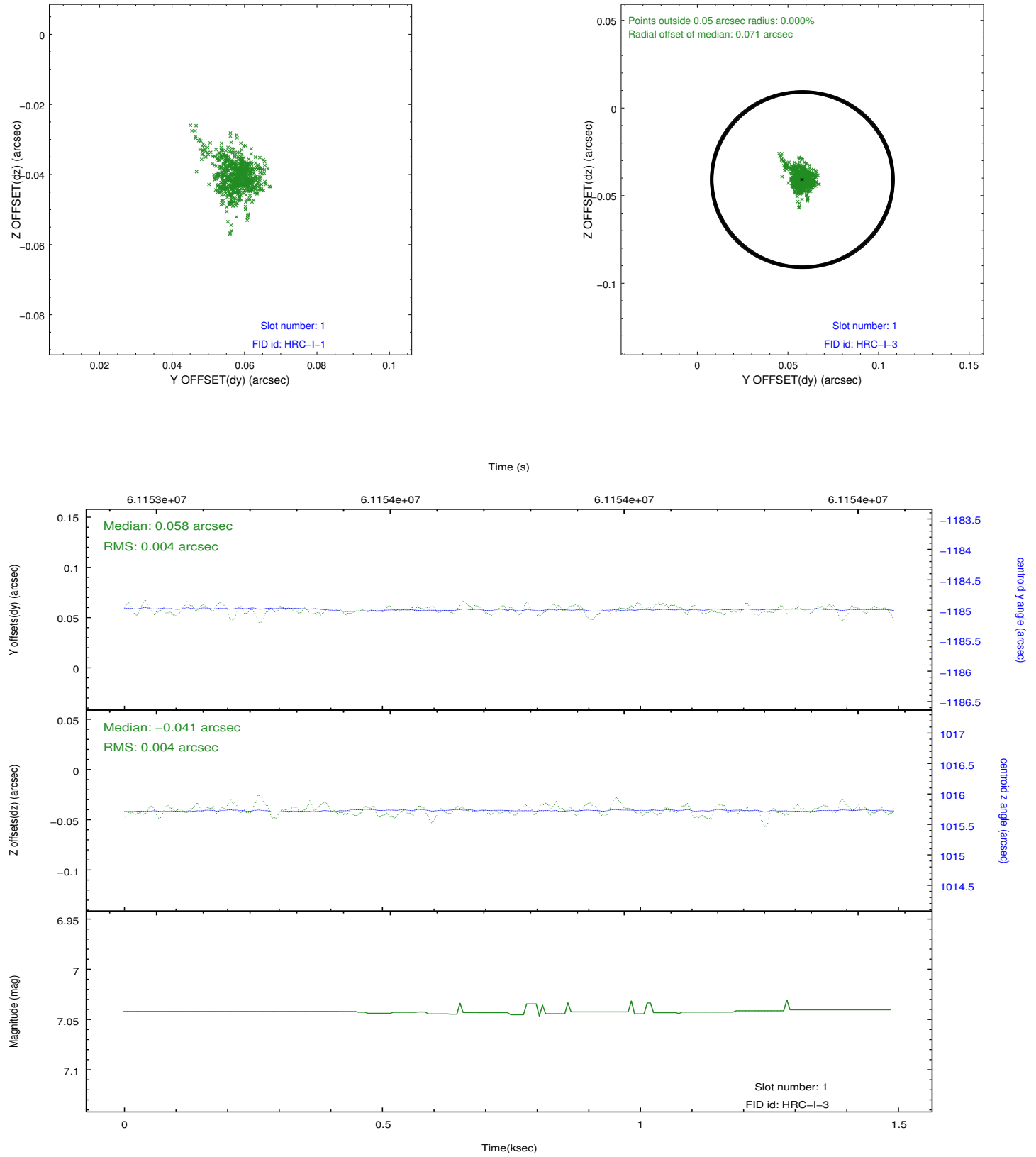


2.5 FID Slots

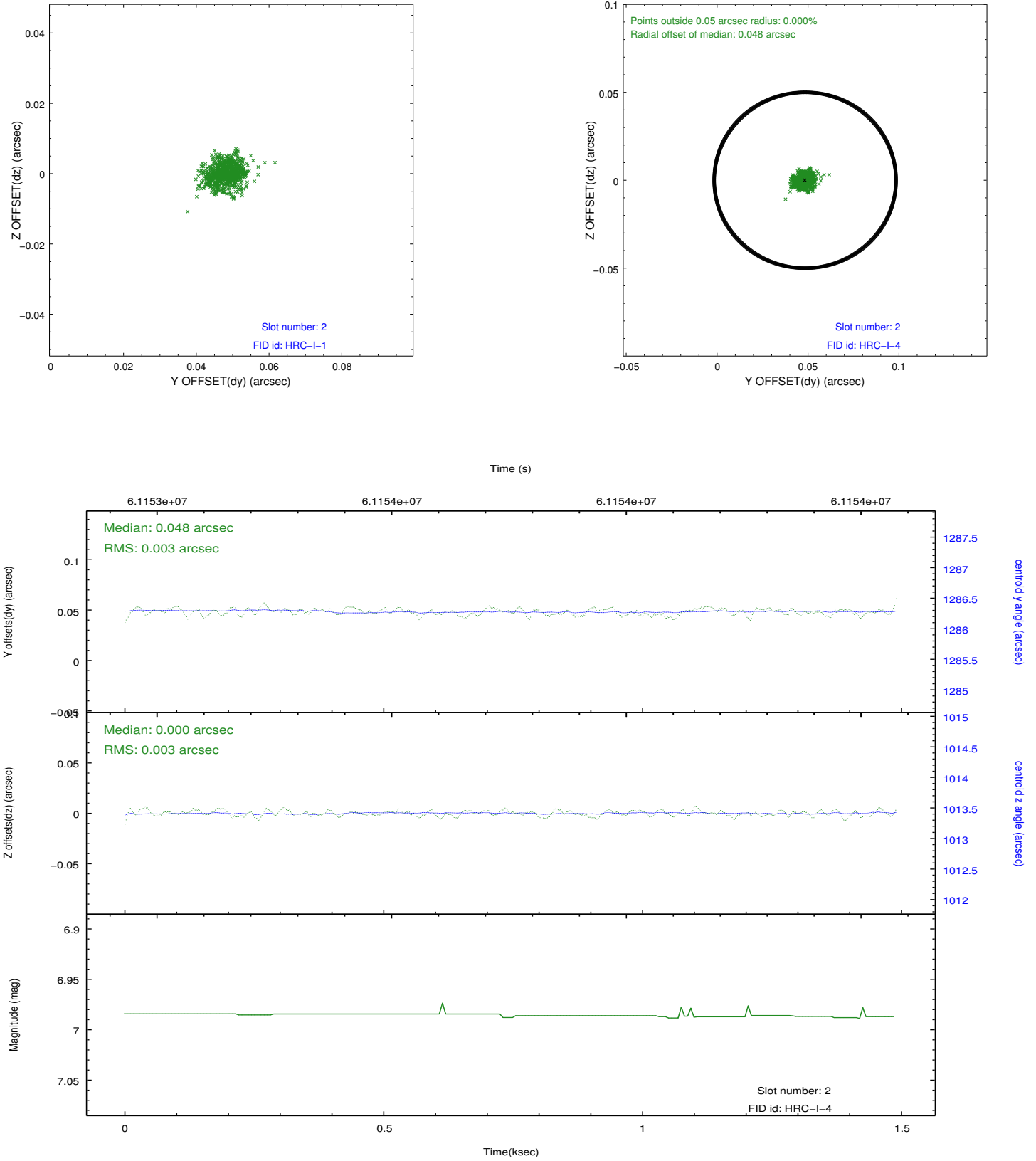
2.5.1 Slot 0



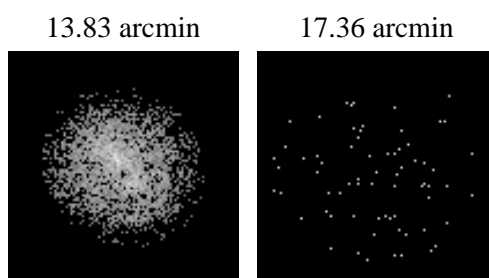
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.212

A.2 Comments

HRC-I cal: ARLac for image blur

The source is off axis at the edge of the detector.