

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1146 - L2 Version 3

Chandra X-Ray Center

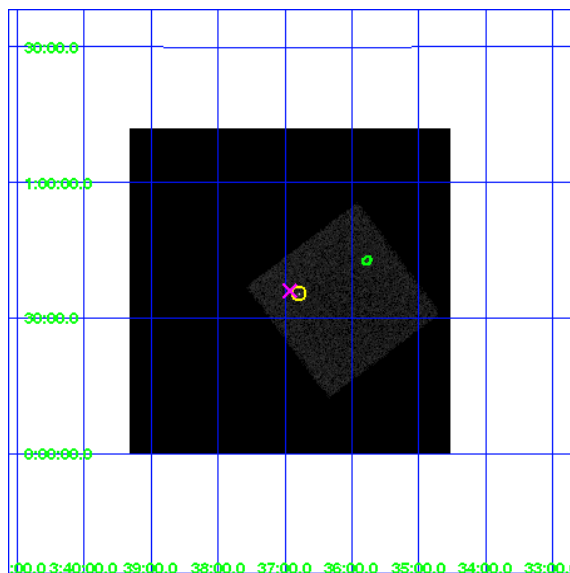
L2 Processing Date : Jan 12 2010

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1 Front

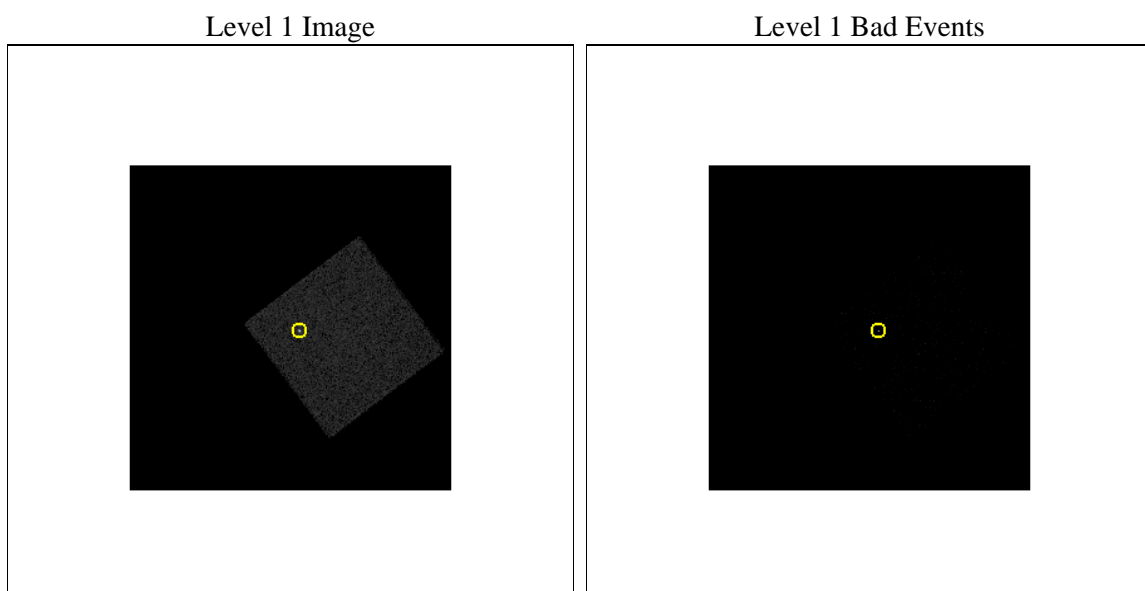
seq_num	280096	Sequence number
obs_id	1146	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.231320778943	Nominal RA
dec_nom	0.60037815445541	Nominal Dec
roll_nom	98.060906845787	Nominal Roll
revision	3	Processing version of data
ontime	795.65627857298	[s]
livetime	789.05567440829	Ontime multiplied by DTCOR
l2events	34017	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	8.2.1	Processing system revision	ontime	795.65627857298	[s]
caldbver	4.1.5	 	l1events	55625	Number of level 1 events
date	2010-01-13T00:17:55	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

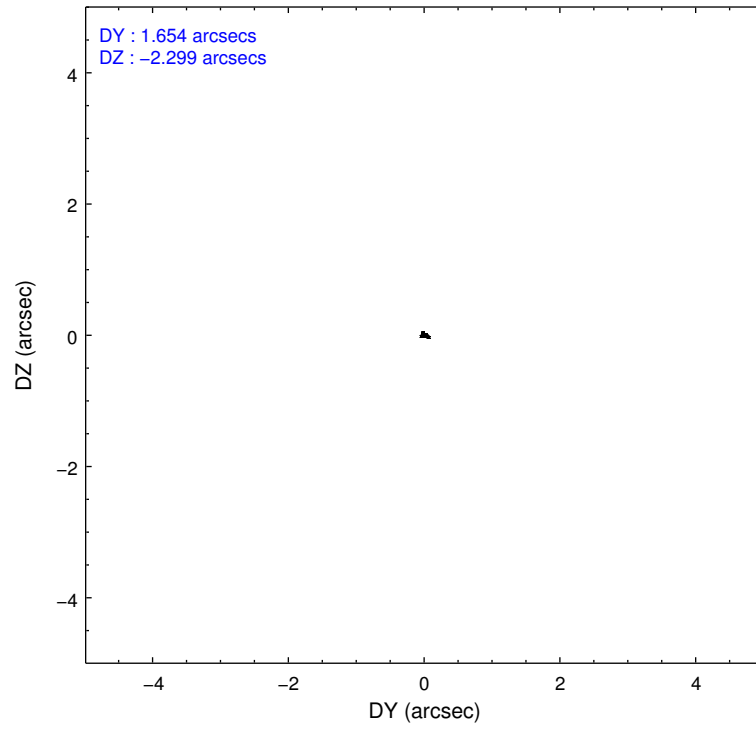
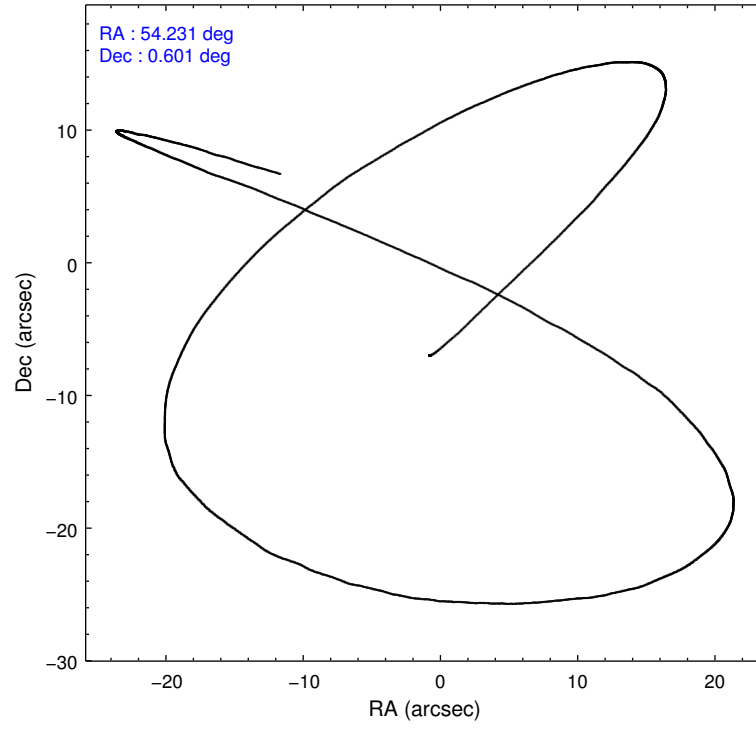
	segment 0
level 1 events	55625
rejected events	3227
rejected %	5%

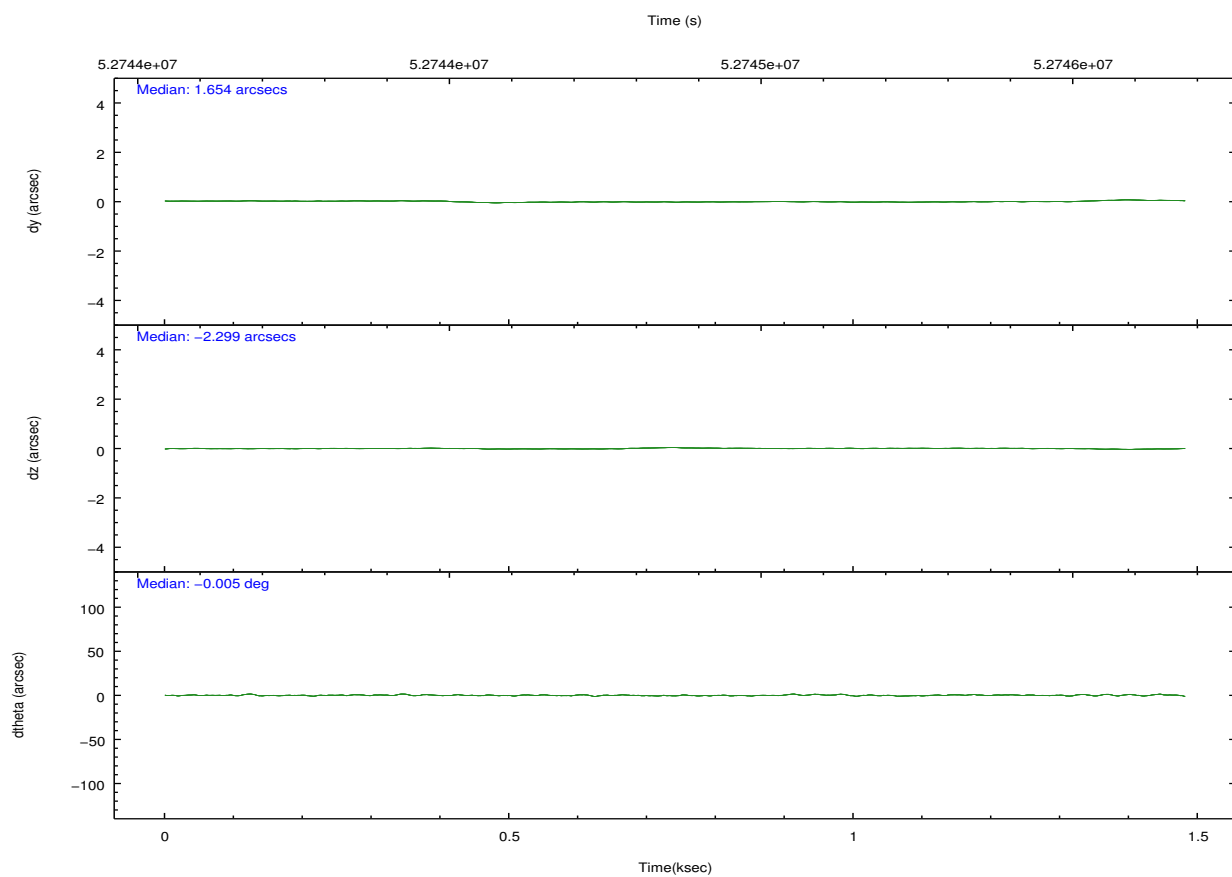
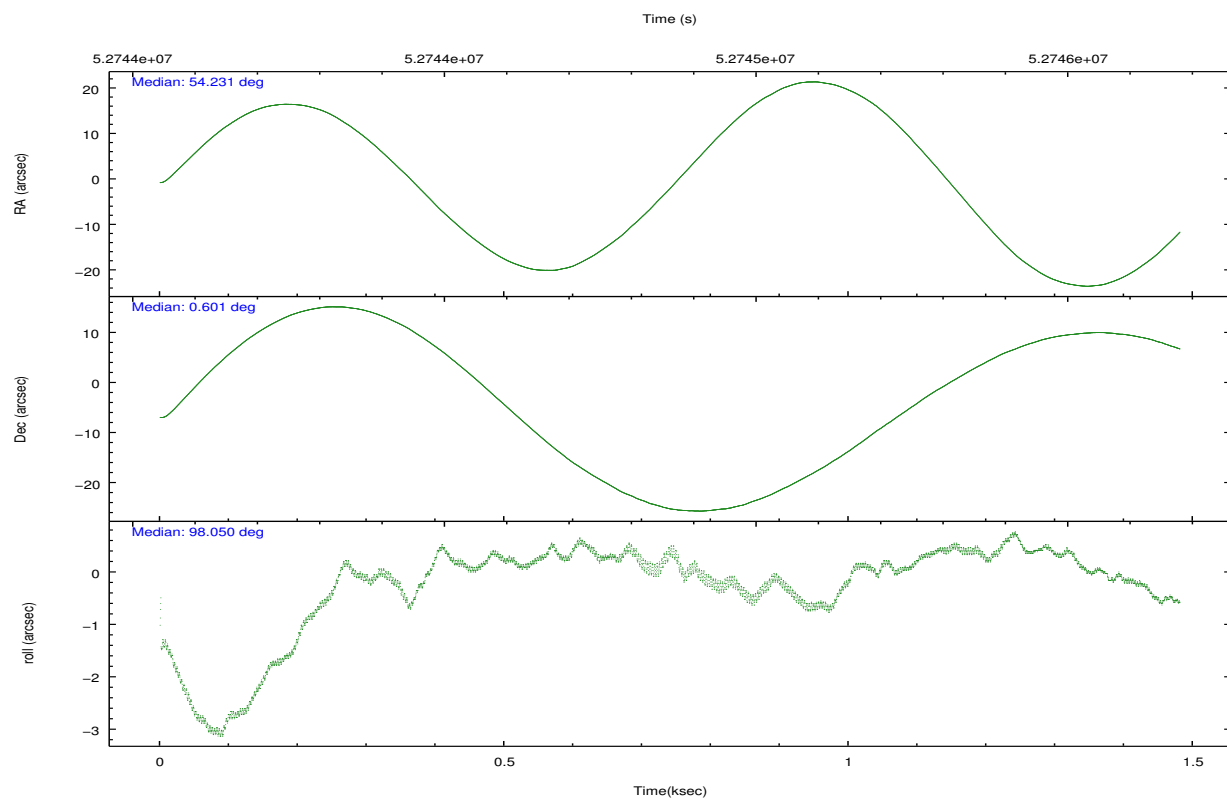
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.248336	54.23132077894297
Pointing Dec	0.577785	0.6003781544554143
Pointing Roll	98.156201	98.06090684578716
SIM focus pos (mm)	-1.040293	-1.300001029371461
SIM defocus (mm)	0	-0.259708408712586
SIM translation stage pos (mm)	91.869942	91.86553817309772
SIM translation stage offset (mm)	35.115552	35.11995071850384
Observation start time	52744602.184000	52743935.582468
Observation start date	1999-09-03T11:15:38	1999-09-03T11:05:35
Observation end time	52745602.184000	52745735.995033
Observation end date	1999-09-03T11:32:18	1999-09-03T11:35:35

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



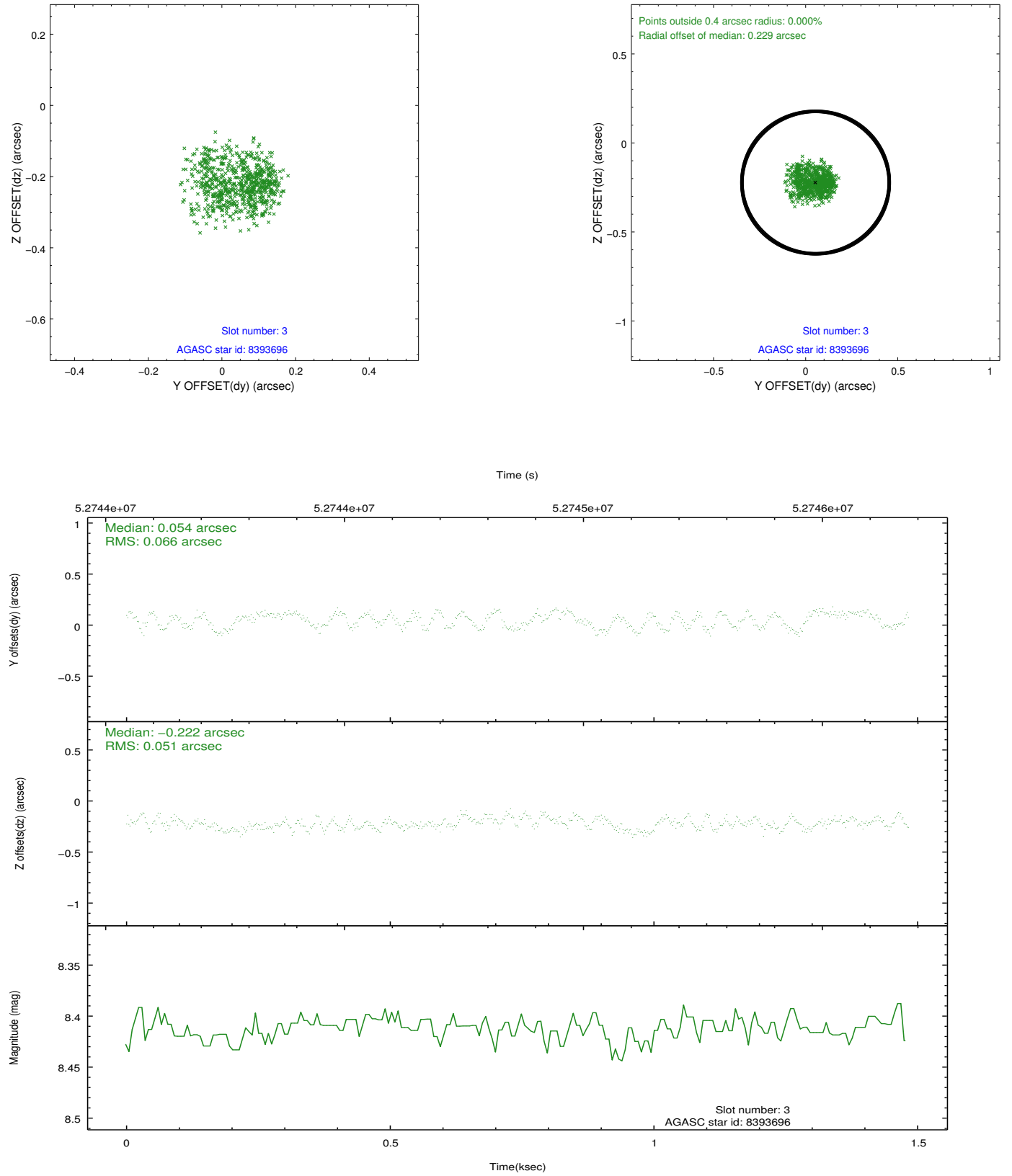


Slot Statistics

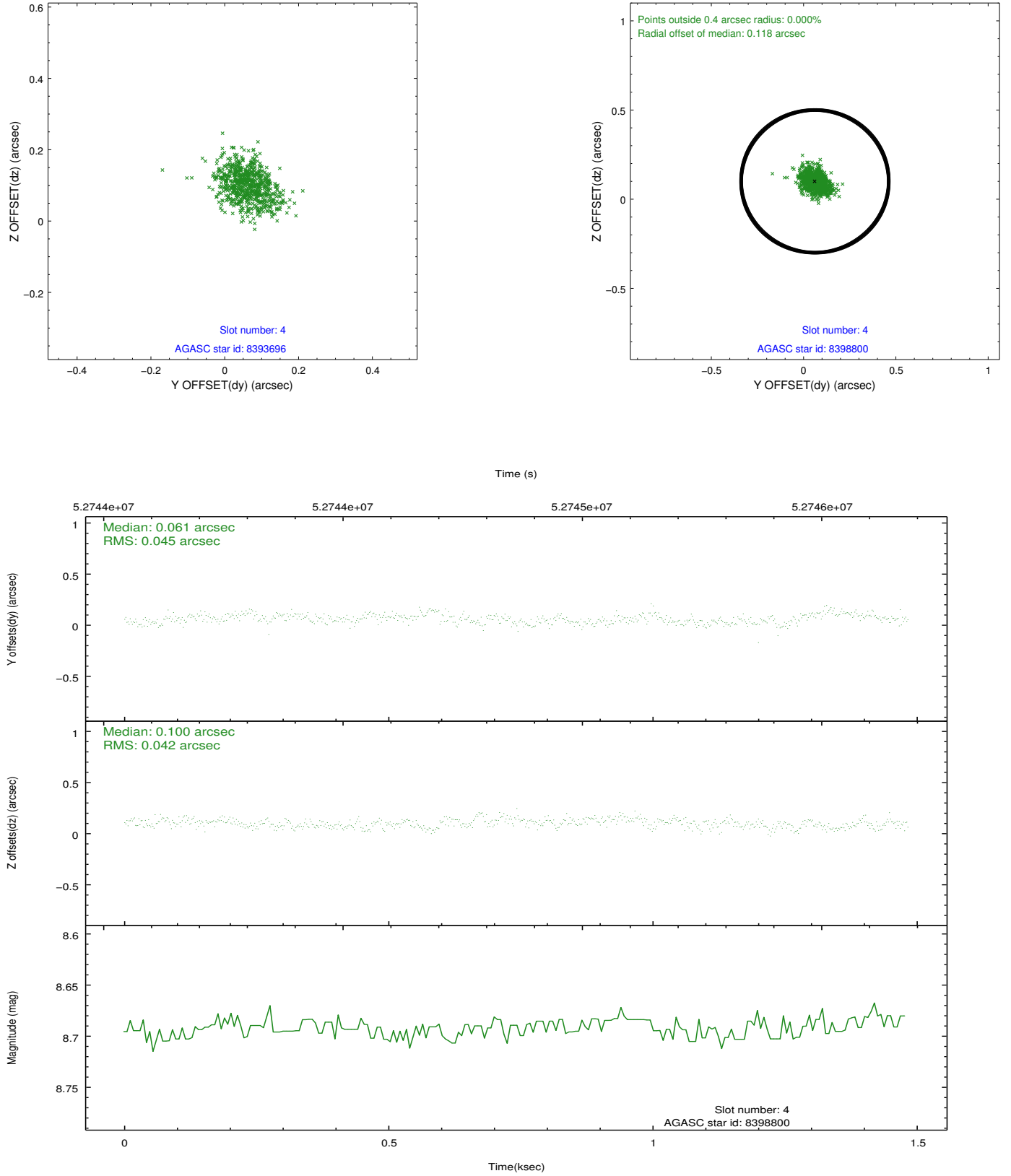
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	724	-0.262	-0.126	0.007	0.013	0.000000	0.000000	-755.81	-567.40
1	FID	HRC-I-3	7.01	724	0.251	-0.229	0.007	0.013	0.000000	0.000000	-1187.42	1739.93
2	FID	HRC-I-4	6.87	724	0.127	0.264	0.005	0.009	0.000000	0.000000	1283.07	1741.82
3	GUIDE	8393696	8.41	724	0.054	-0.222	0.091	0.139	53.645666	0.680479	669.33	2094.45
4	GUIDE	8398800	8.69	724	0.061	0.100	0.064	0.105	54.242352	0.922024	1226.59	-151.78
5	GUIDE	8390744	9.02	724	-0.072	-0.147	0.080	0.131	53.677290	0.926294	1530.78	1856.17
6	GUIDE	8395104	8.66	724	-0.018	0.177	0.074	0.112	54.744893	0.796520	524.26	-1878.74
7	GUIDE	8397624	9.54	723	-0.026	0.089	0.109	0.183	54.812881	1.297049	2272.10	-2381.39

2.4 Star Slots

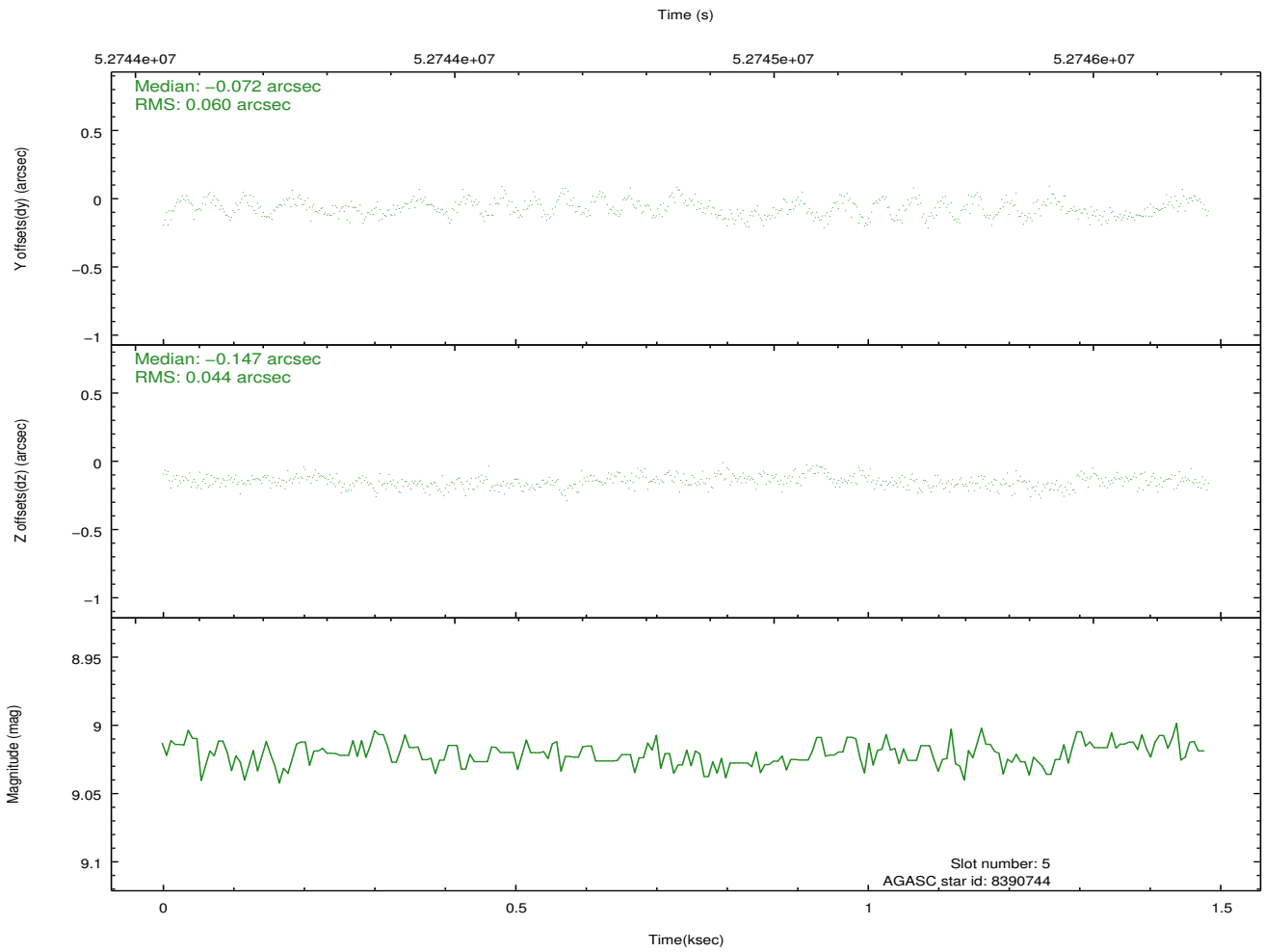
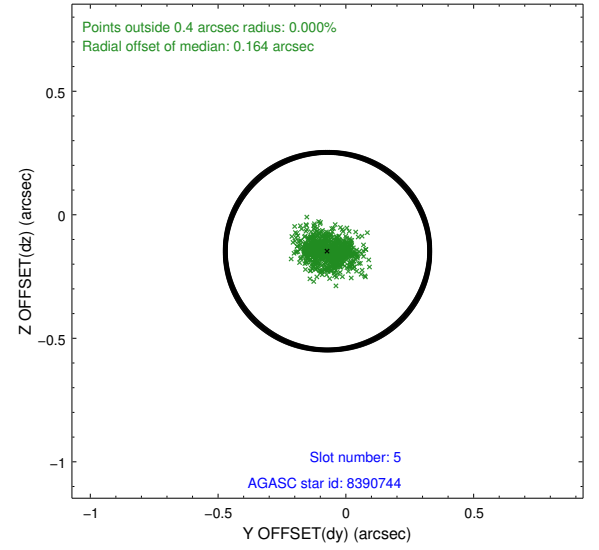
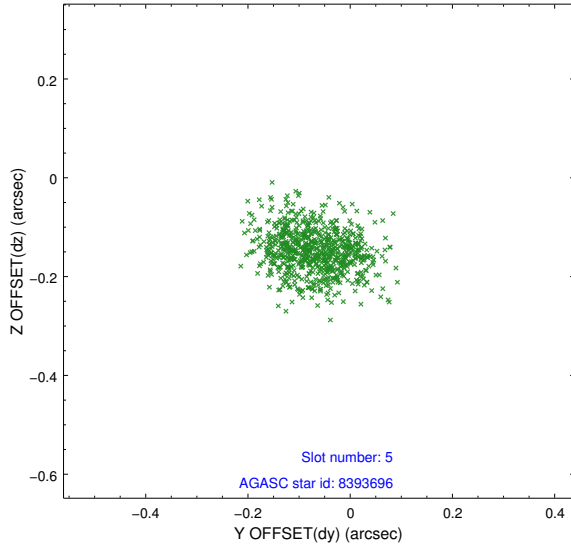
2.4.1 Slot 3



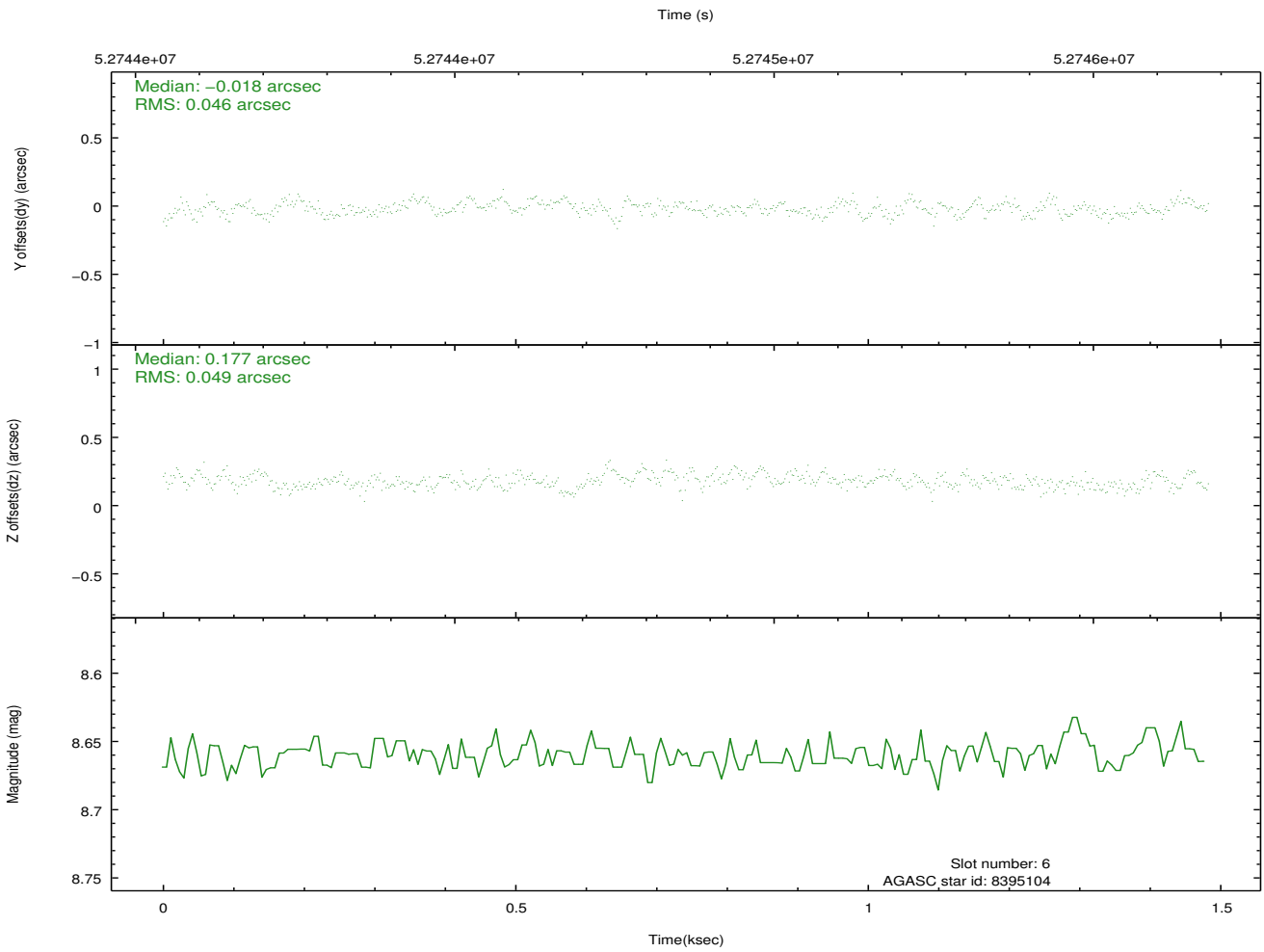
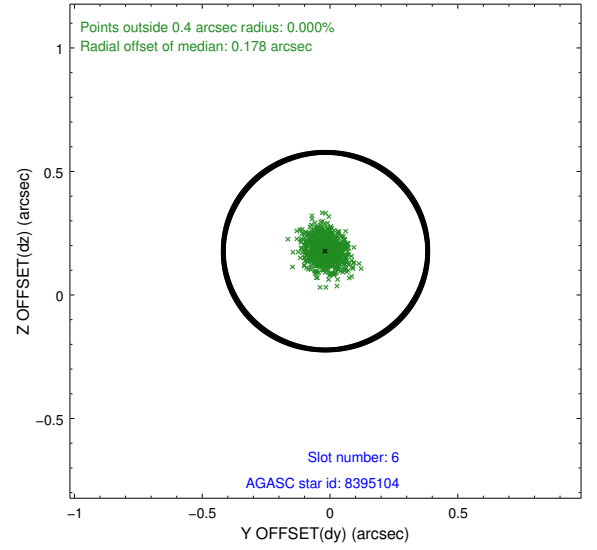
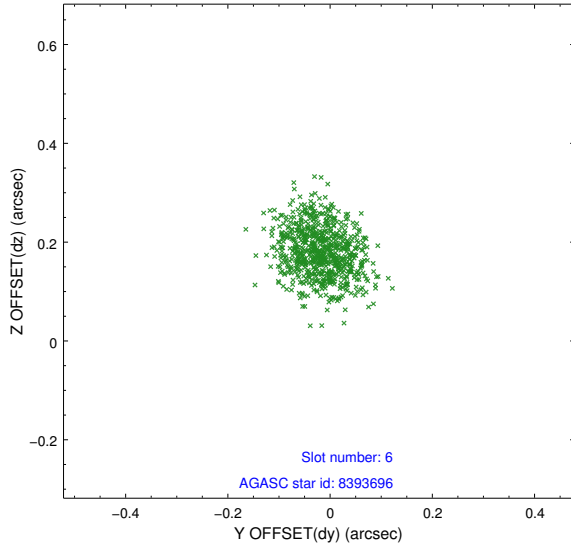
2.4.2 Slot 4



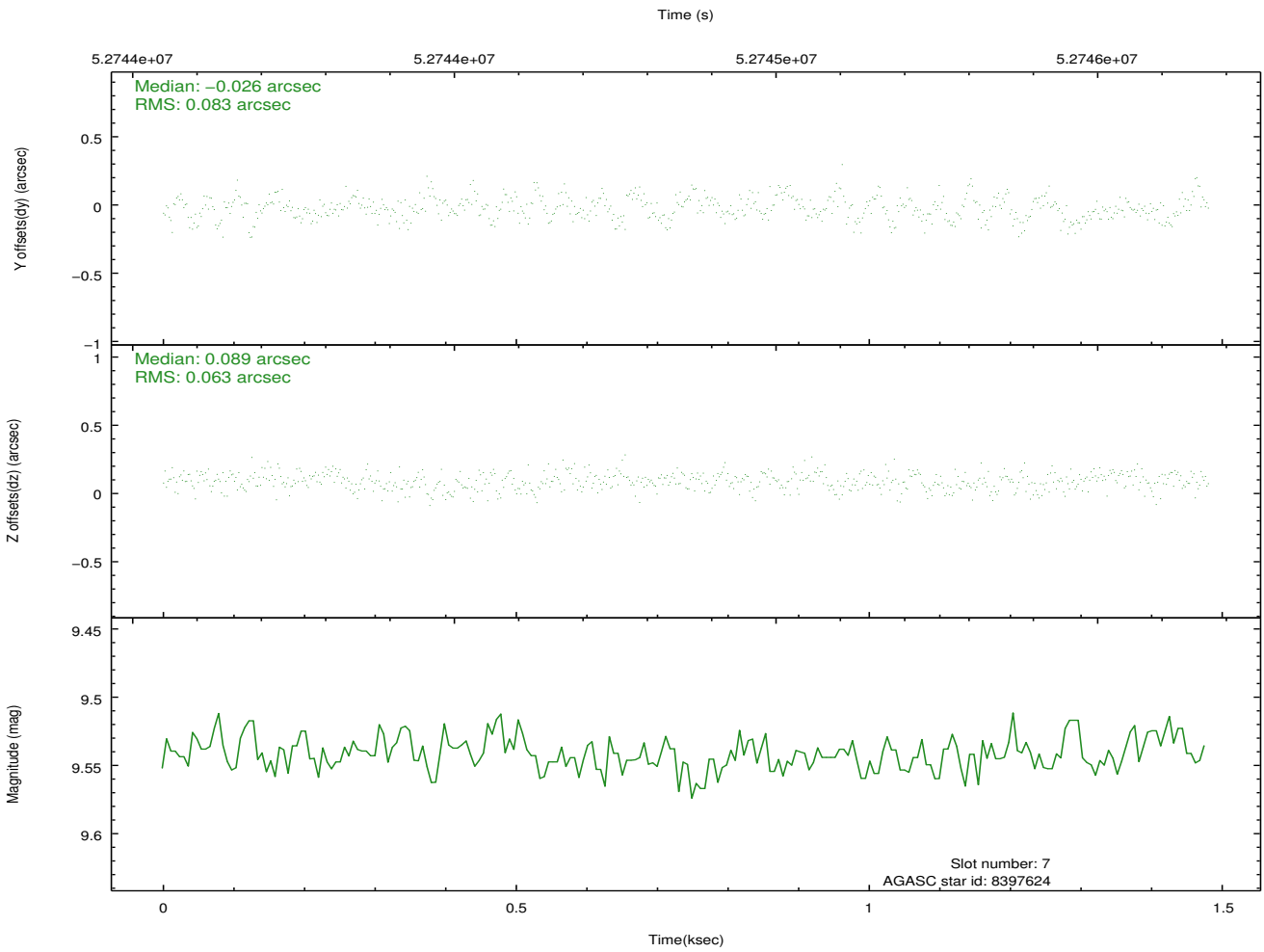
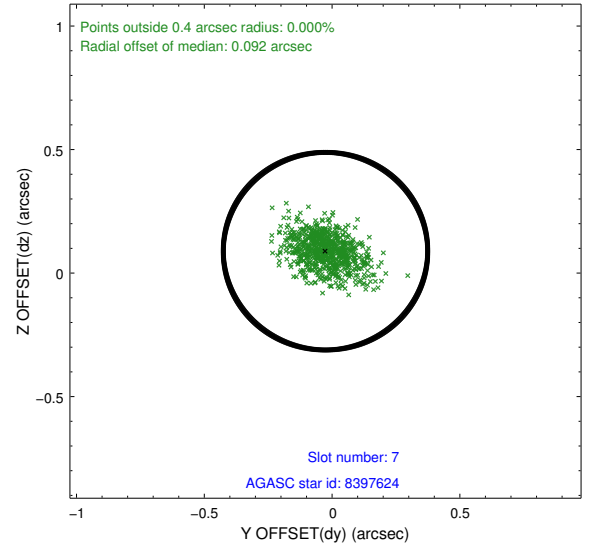
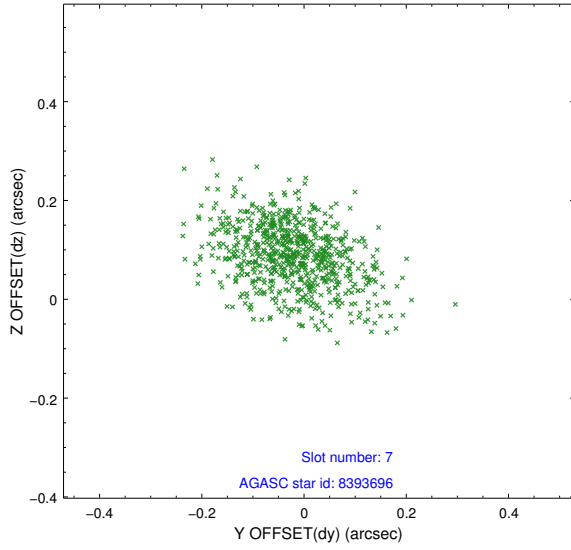
2.4.3 Slot 5



2.4.4 Slot 6

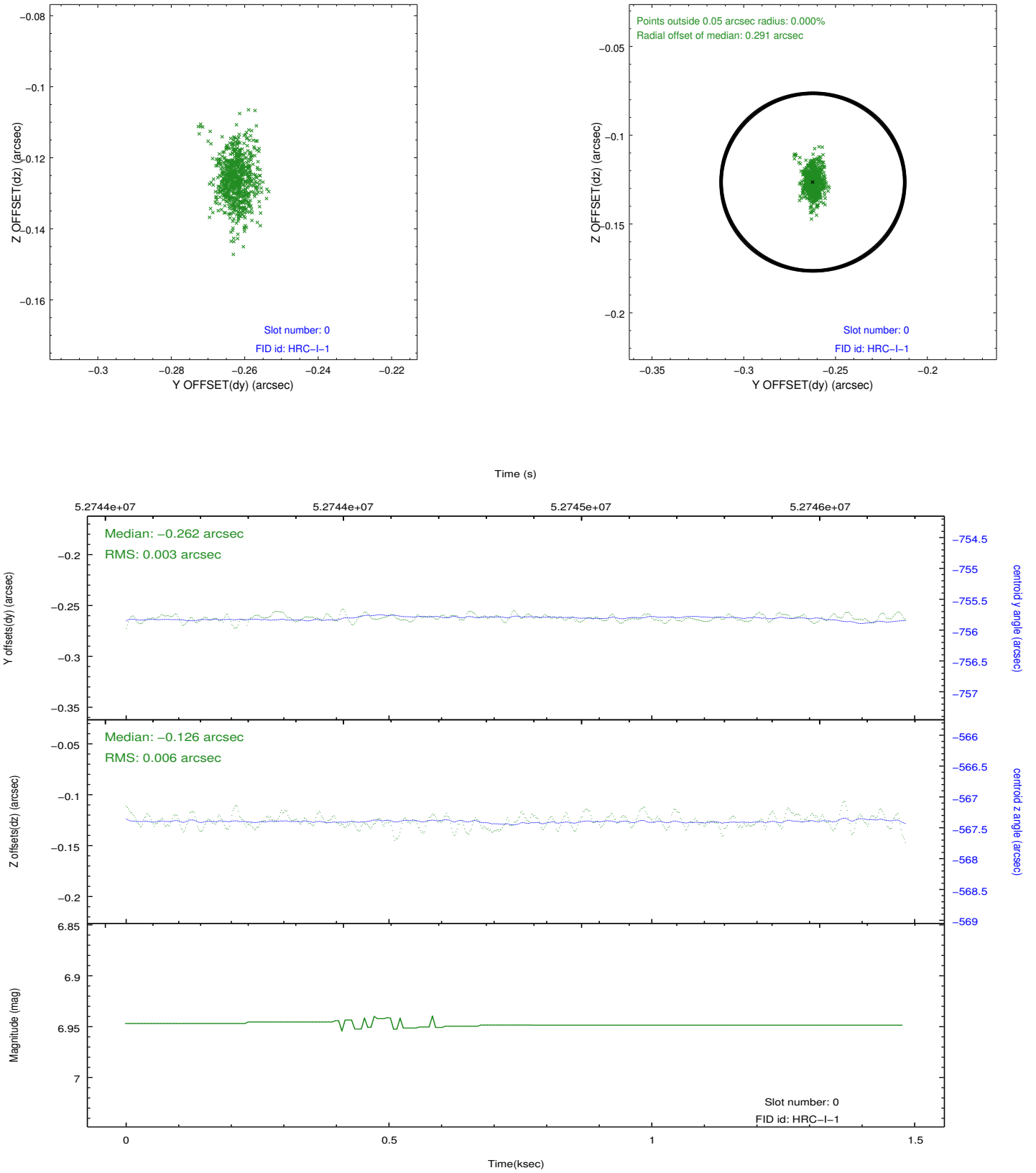


2.4.5 Slot 7

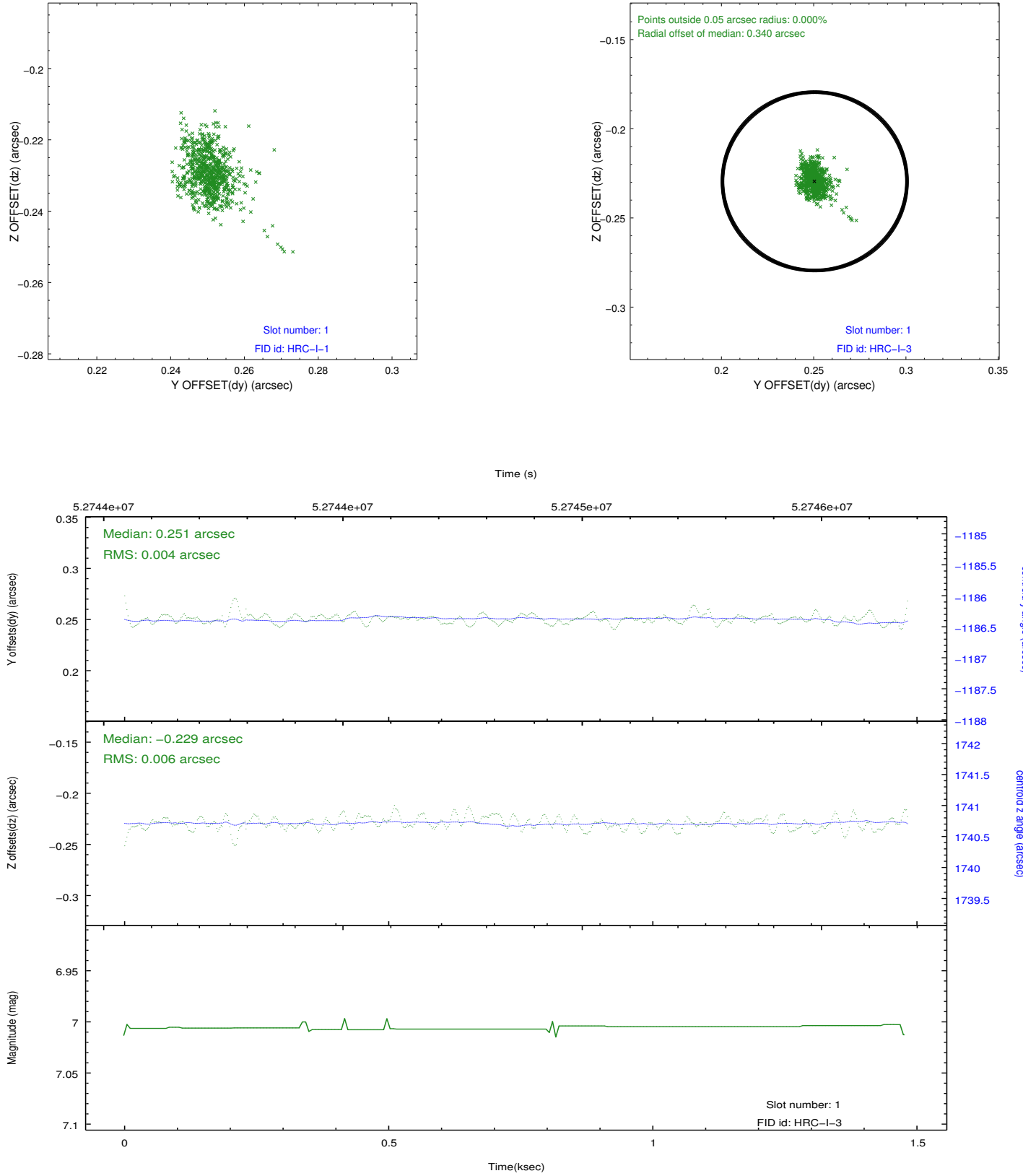


2.5 FID Slots

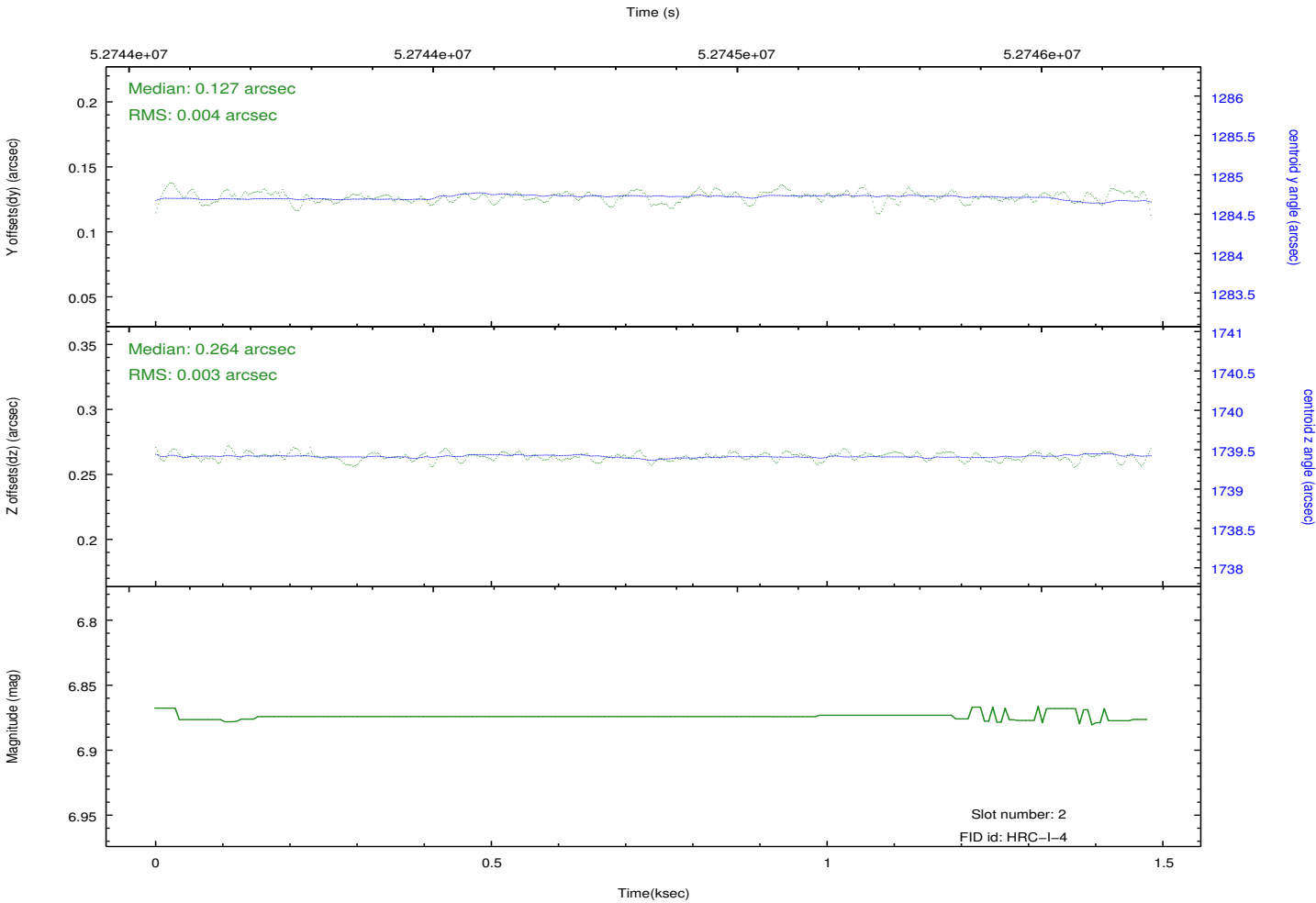
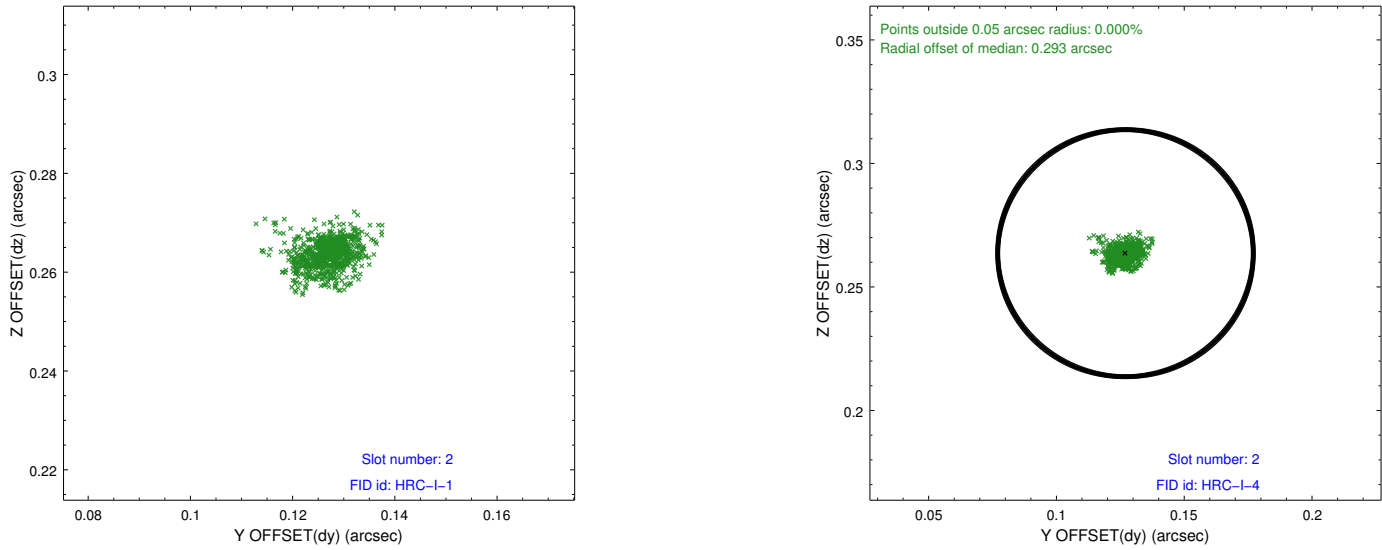
2.5.1 Slot 0



2.5.2 Slot 1

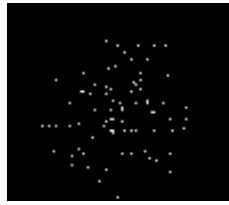


2.5.3 Slot 2



3 Point Sources

18.60 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.795

A.2 Comments

This observation was performed with a large SIM offset, per PI request. As a result, the fid light positions are offset beyond normally expected ranges, but the fid light position correction has compensated for this offset.