

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 463 - L2 Version 3

Chandra X-Ray Center

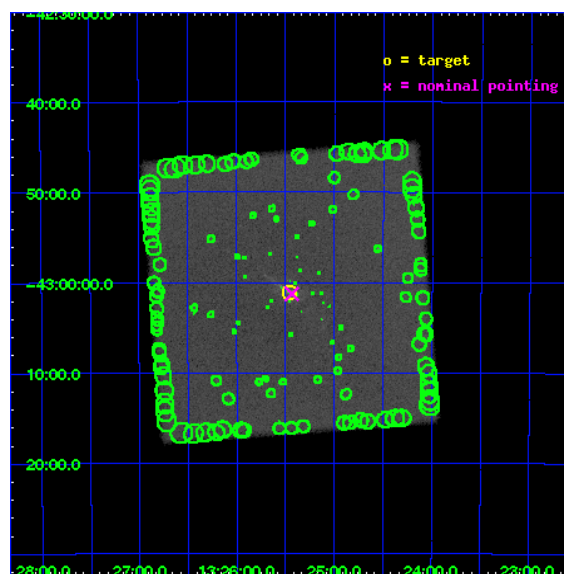
L2 Processing Date : Jan 13 2010

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
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

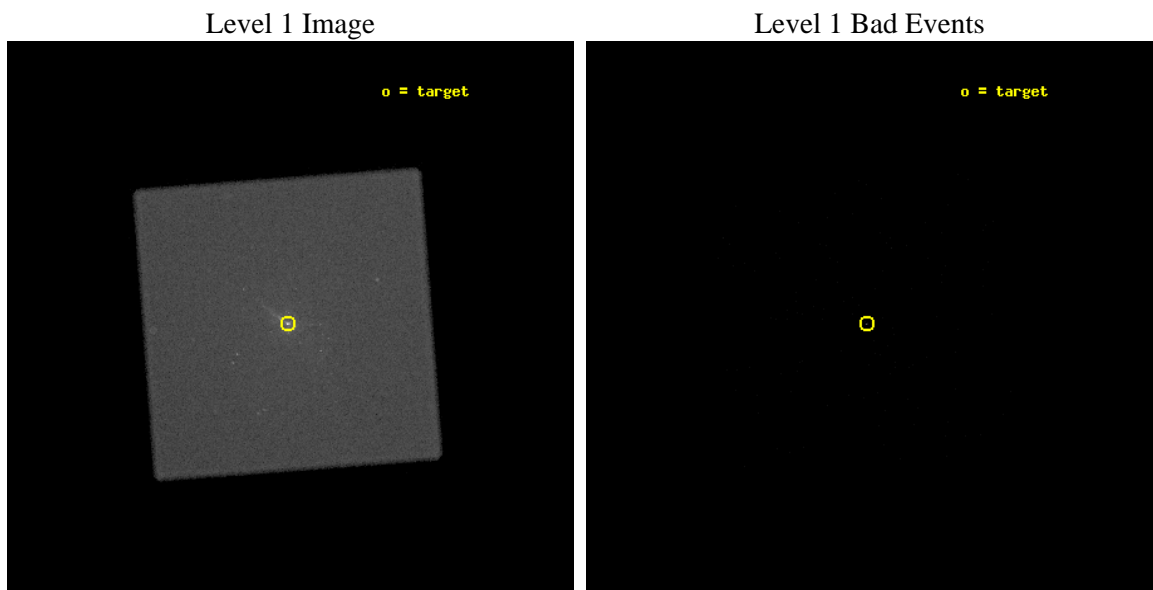
seq_num	790024	Sequence number
obs_id	463	Observation id
title	DEMONSTRATION IMAGE OF CEN A	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	CEN A	Source name
ra_targ	201.365	Observer's specified target RA
dec_targ	-43.019722	Observer's specified target Dec
ra_nom	201.35858534981	Nominal RA
dec_nom	-43.021019560995	Nominal Dec
roll_nom	220.67602370216	Nominal Roll
revision	3	Processing version of data
ontime	19666.931955941	[s]
livetime	19520.254423392	Ontime multiplied by DTCOR
l2events	624854	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	20000.000000	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	19666.931955941	[s]
caldbver	4.1.5	 	ll events	1079148	Number of level 1 events
date	2010-01-13T12:44:36	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

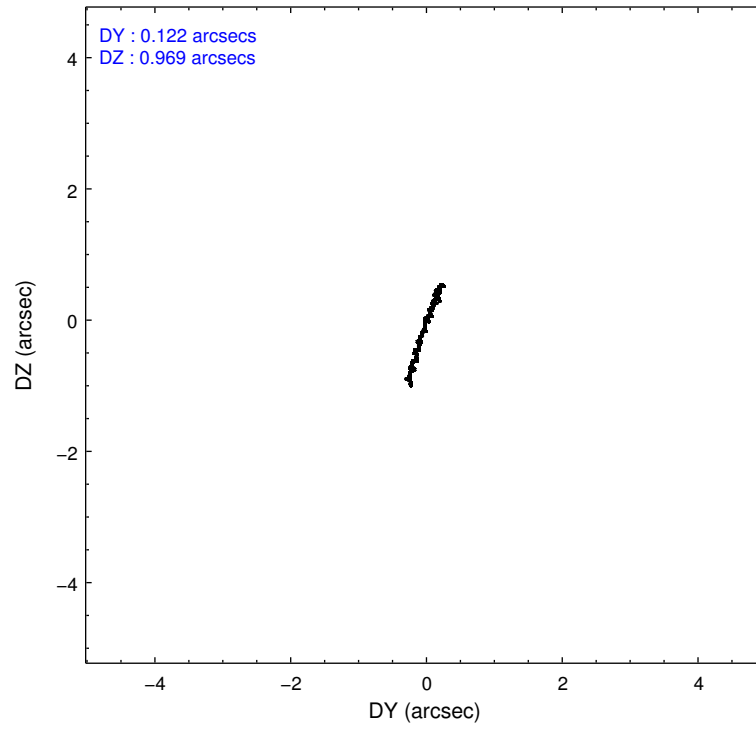
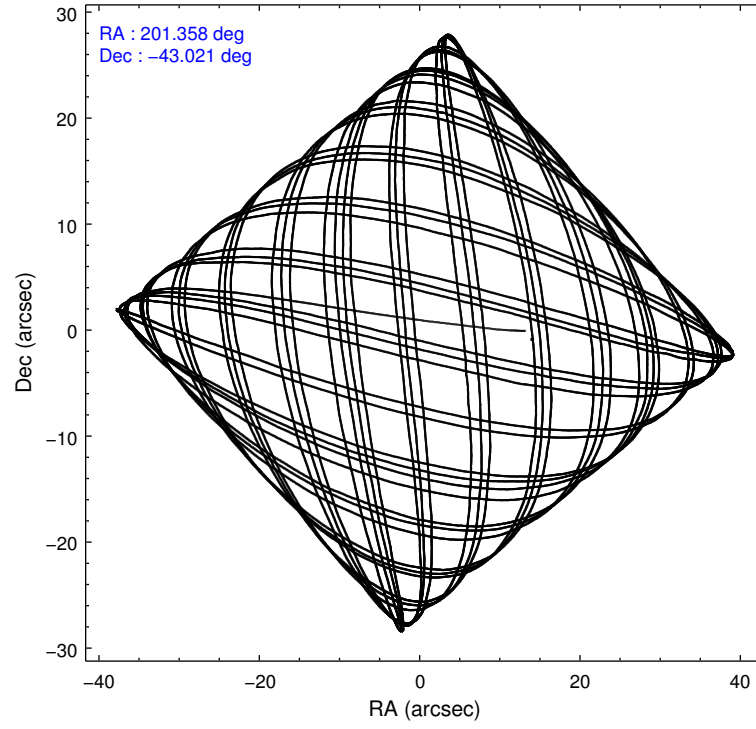
Level 1 Events

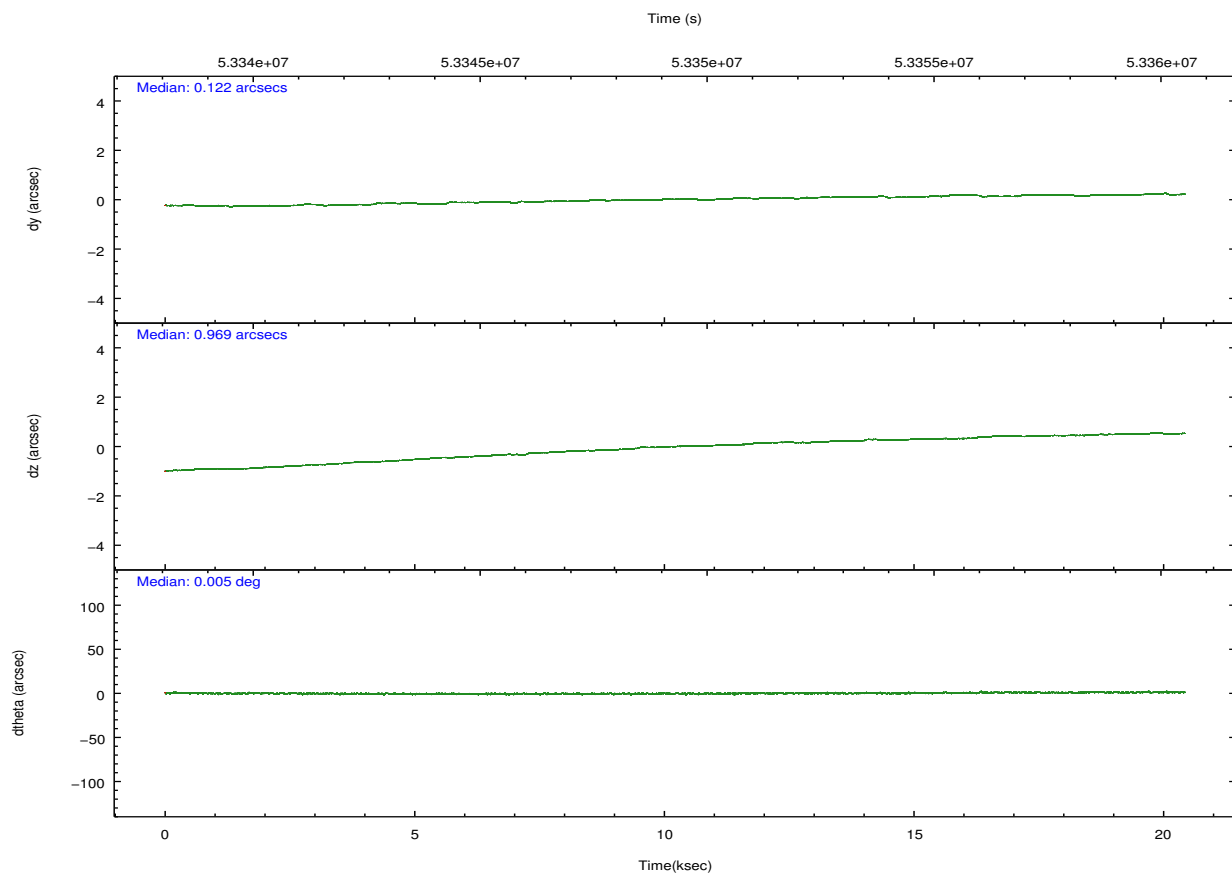
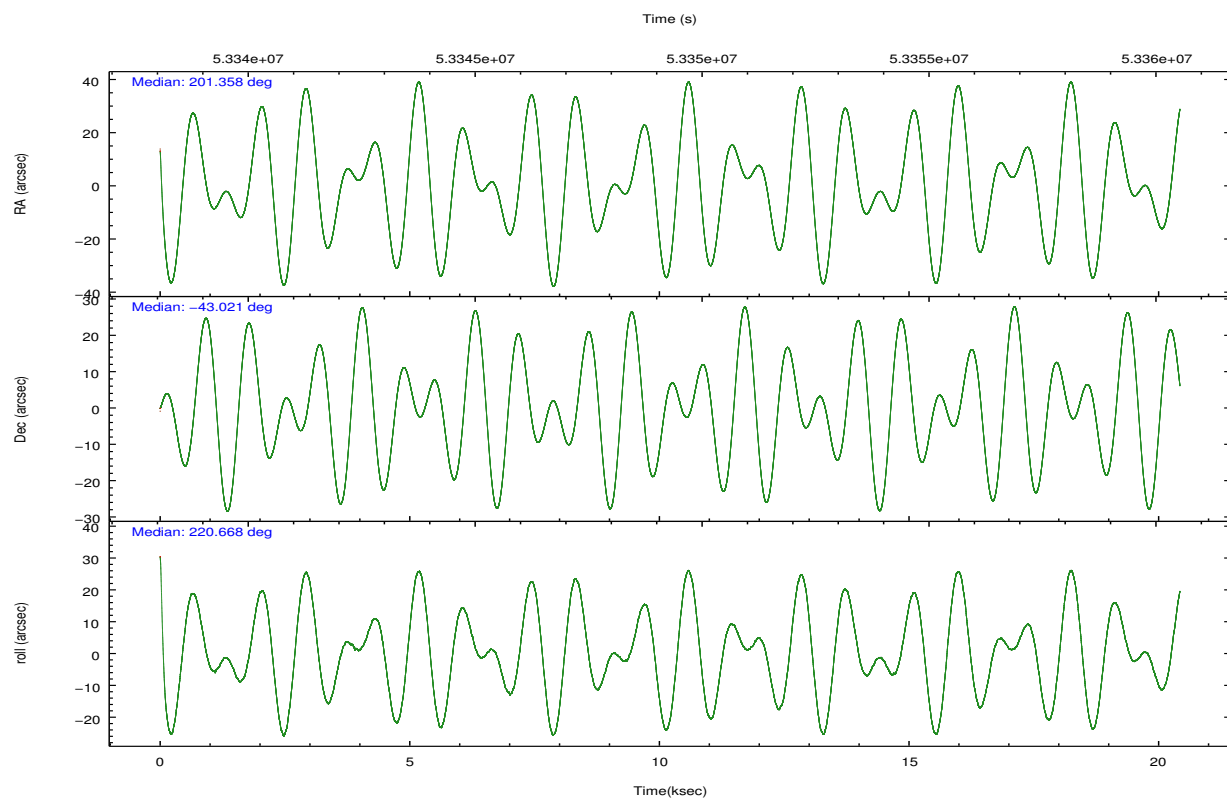
	segment 0
level 1 events	1079148
rejected events	3617
rejected %	0%

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	201.371029	201.3585853498052			
Pointing Dec	-42.995227	-43.02101956099462			
Pointing Roll	220.779985	220.6760237021586			
SIM focus pos (mm)	-1.040293	-1.209467346227443			
SIM defocus (mm)	0	-0.1691747255685685			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	53339508.184000	53336984.203758			
Observation start date	1999-09-10T08:30:44	1999-09-10T07:49:44			
Observation end time	53359508.184000	53359641.829571			
Observation end date	1999-09-10T14:04:04	1999-09-10T14:07:21			

2.3 Aspect



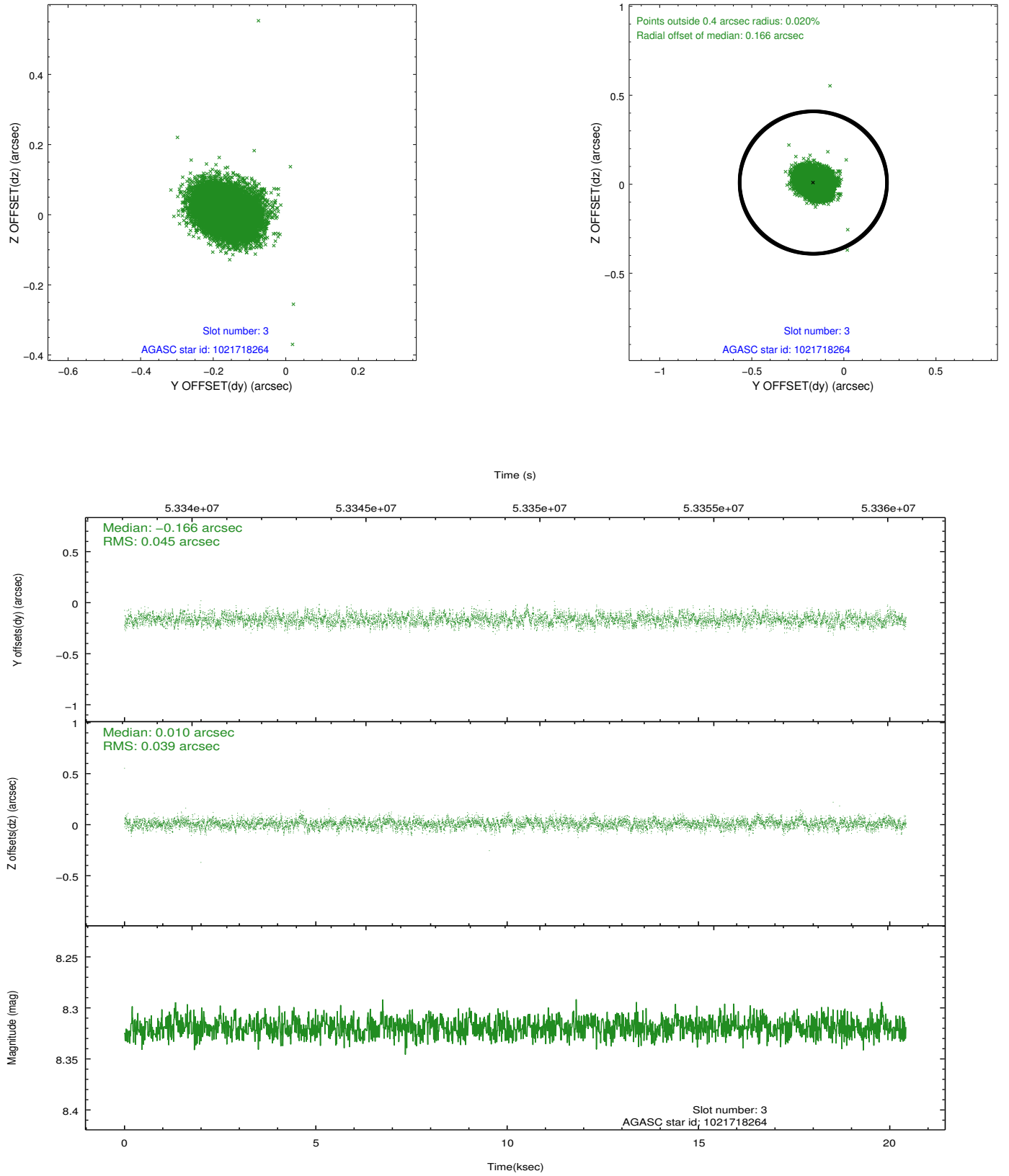


Slot Statistics

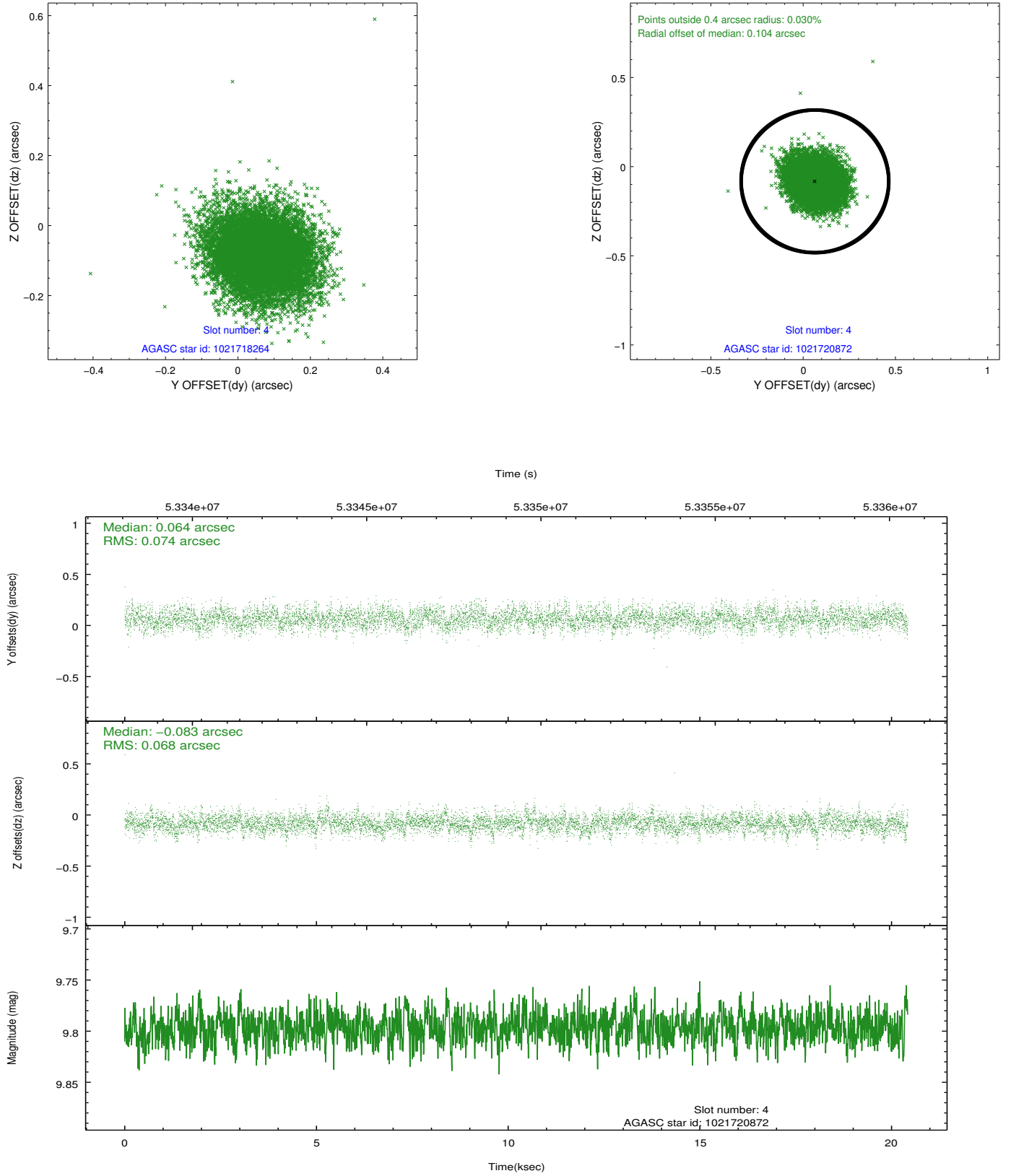
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.93	9957	-0.010	-0.076	0.025	0.039	0.000000	0.000000	-755.43	-1288.68
1	FID	HRC-I-3	7.02	9954	0.068	-0.036	0.023	0.043	0.000000	0.000000	-1184.03	1015.74
2	FID	HRC-I-4	6.96	9958	0.056	0.021	0.006	0.010	0.000000	0.000000	1287.15	1013.76
3	GUIDE	1021718264	8.32	9954	-0.166	0.010	0.064	0.102	202.114846	-42.795539	-1951.85	746.14
4	GUIDE	1021720872	9.80	9943	0.064	-0.083	0.107	0.175	200.668338	-42.835886	1035.30	-1639.17
5	GUIDE	1021716808	8.84	9942	-0.001	-0.174	0.081	0.132	200.901189	-42.531395	-144.03	-2075.44
6	GUIDE	1021721672	9.54	9943	-0.102	0.102	0.090	0.145	201.740358	-43.079729	-535.39	866.90
7	GUIDE	1022234656	10.65	9794	0.209	0.151	0.162	0.254	201.431335	-43.715295	1574.42	2066.88

2.4 Star Slots

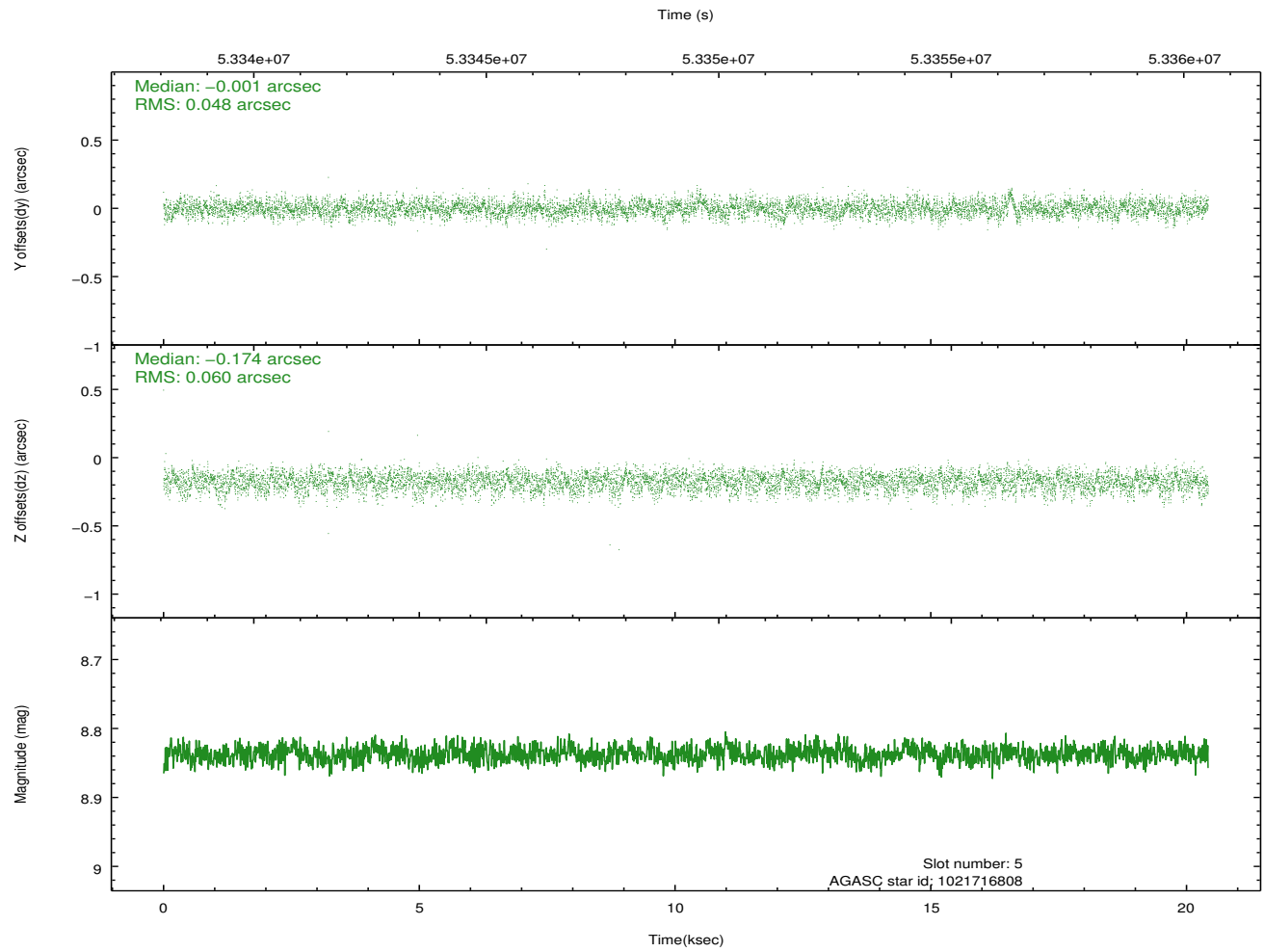
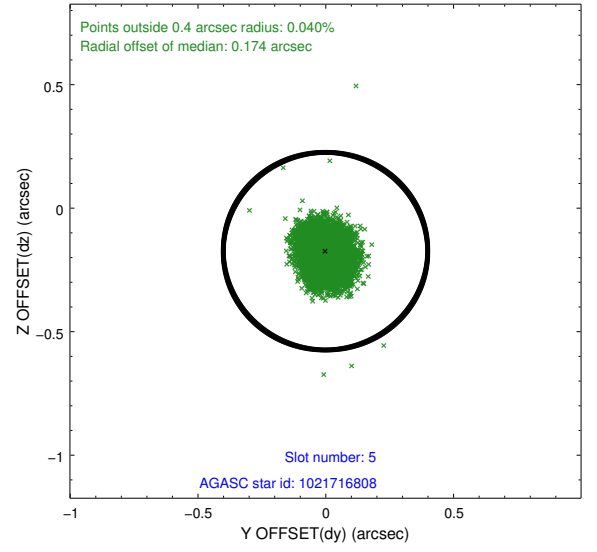
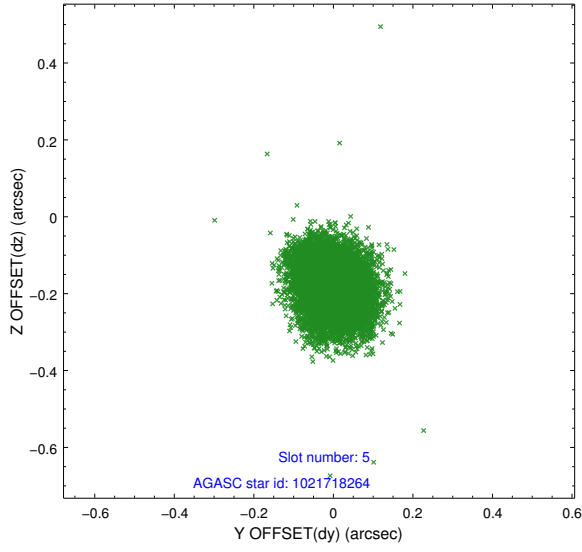
2.4.1 Slot 3



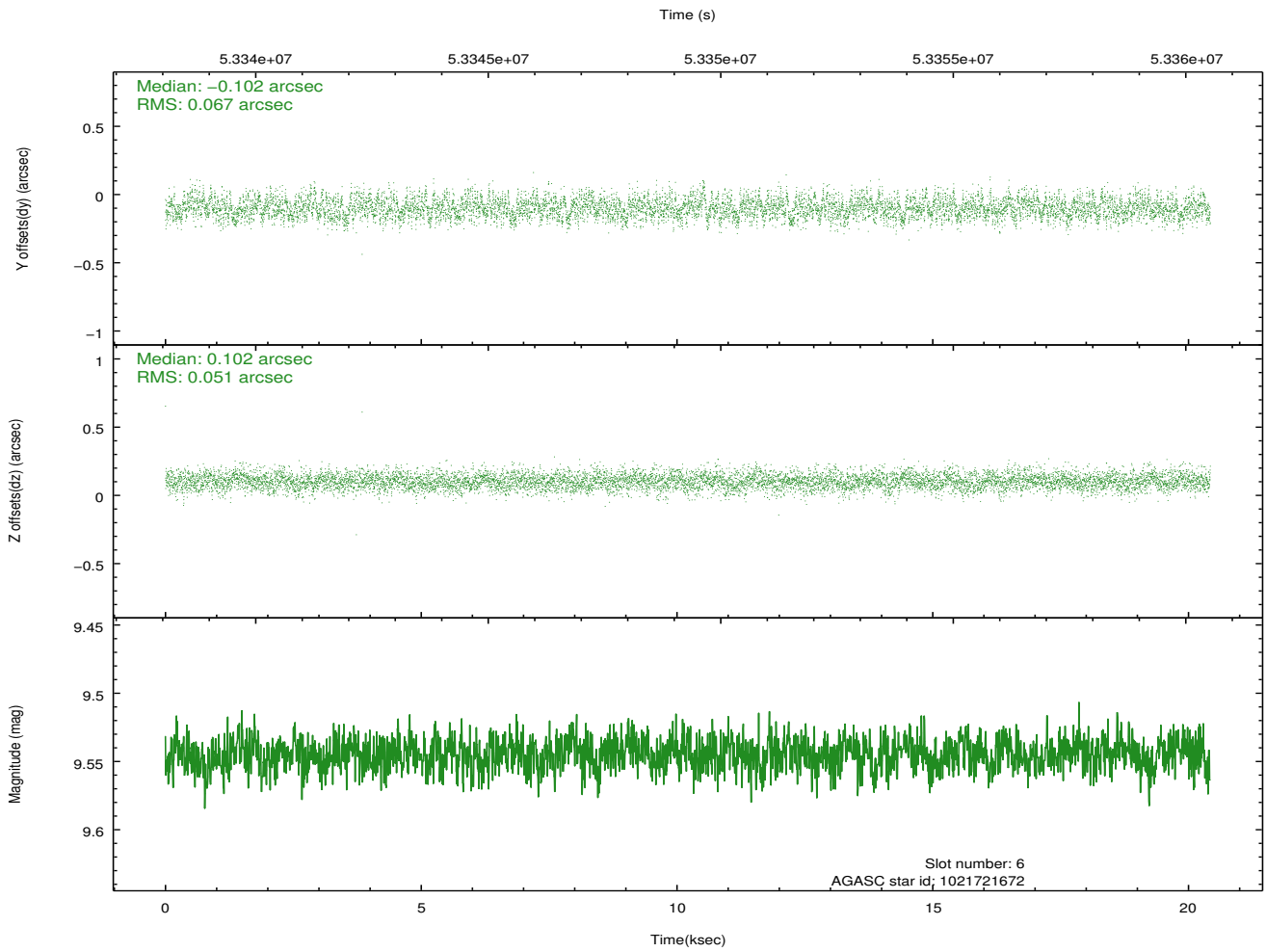
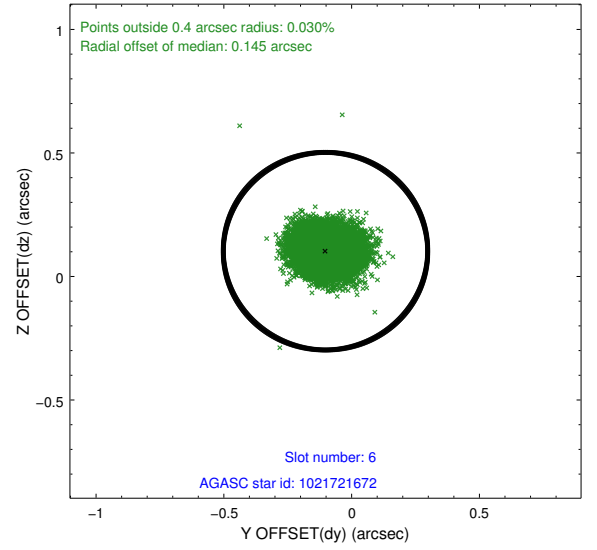
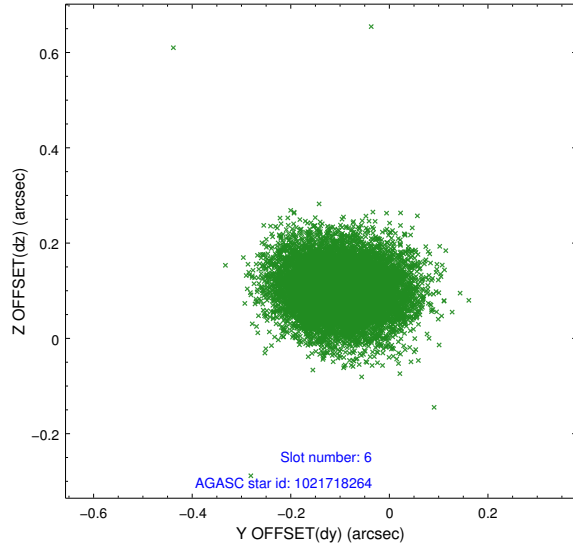
2.4.2 Slot 4



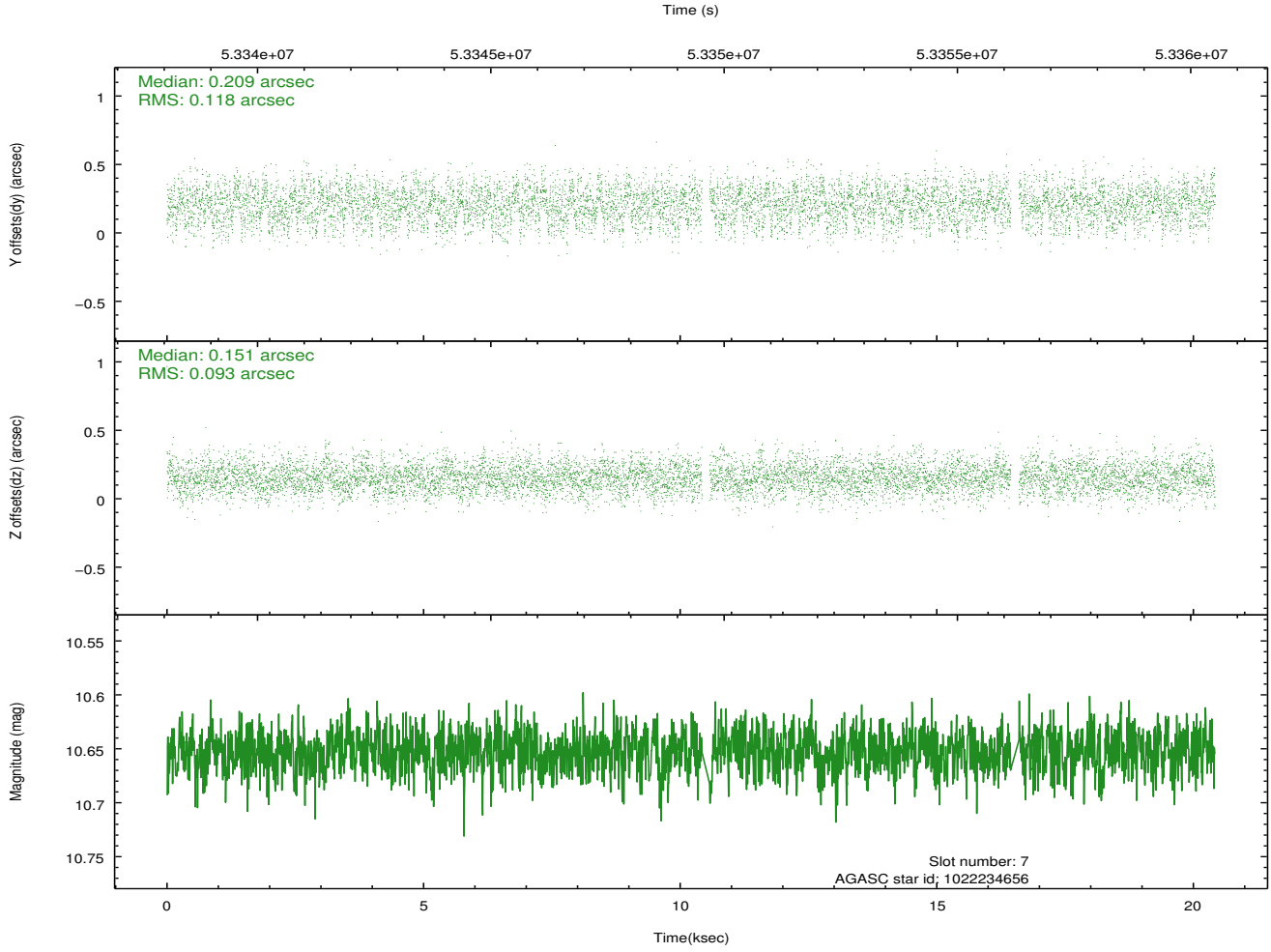
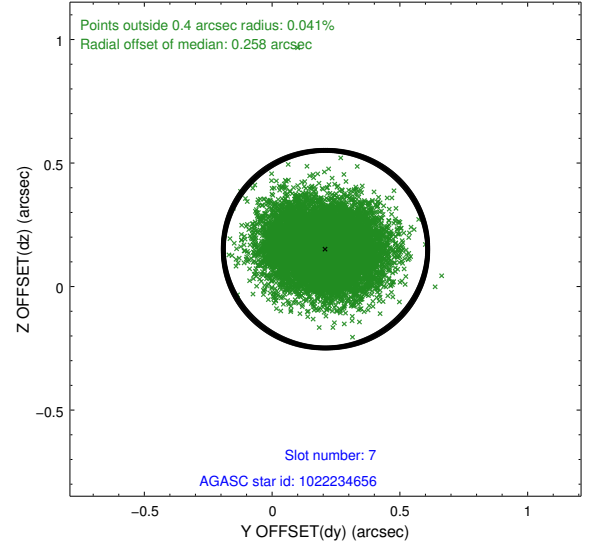
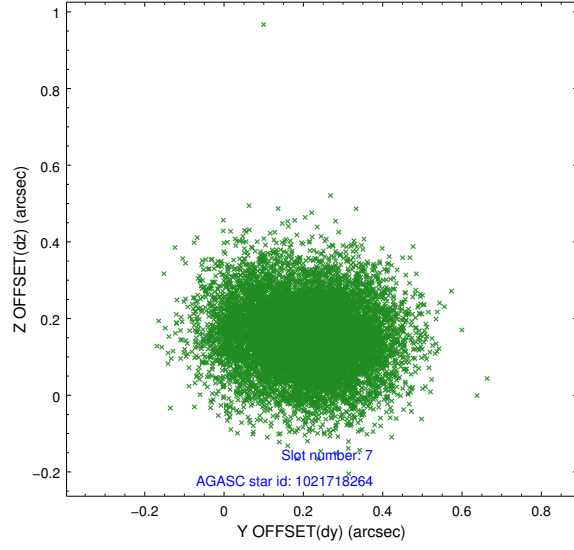
2.4.3 Slot 5



2.4.4 Slot 6

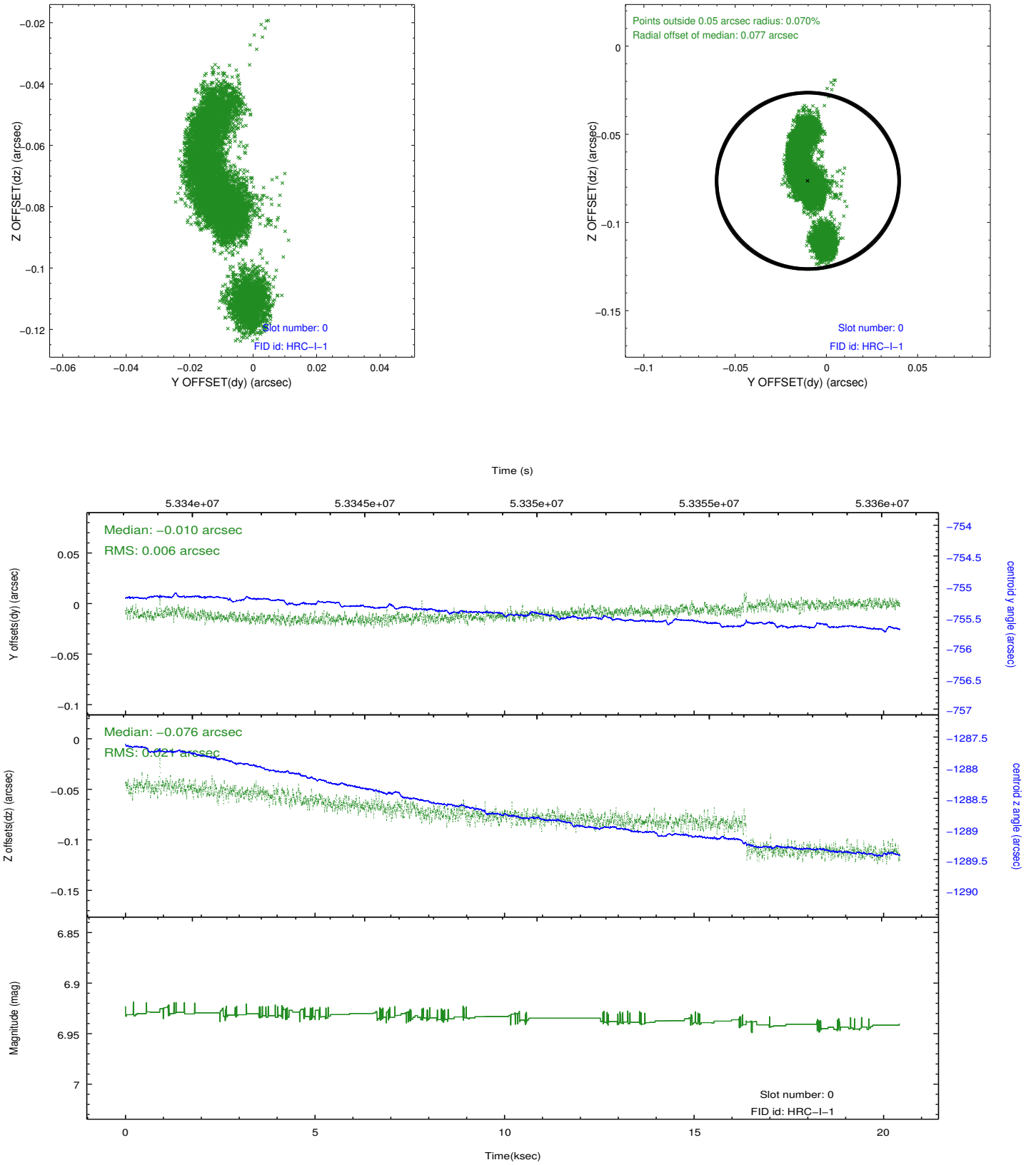


2.4.5 Slot 7

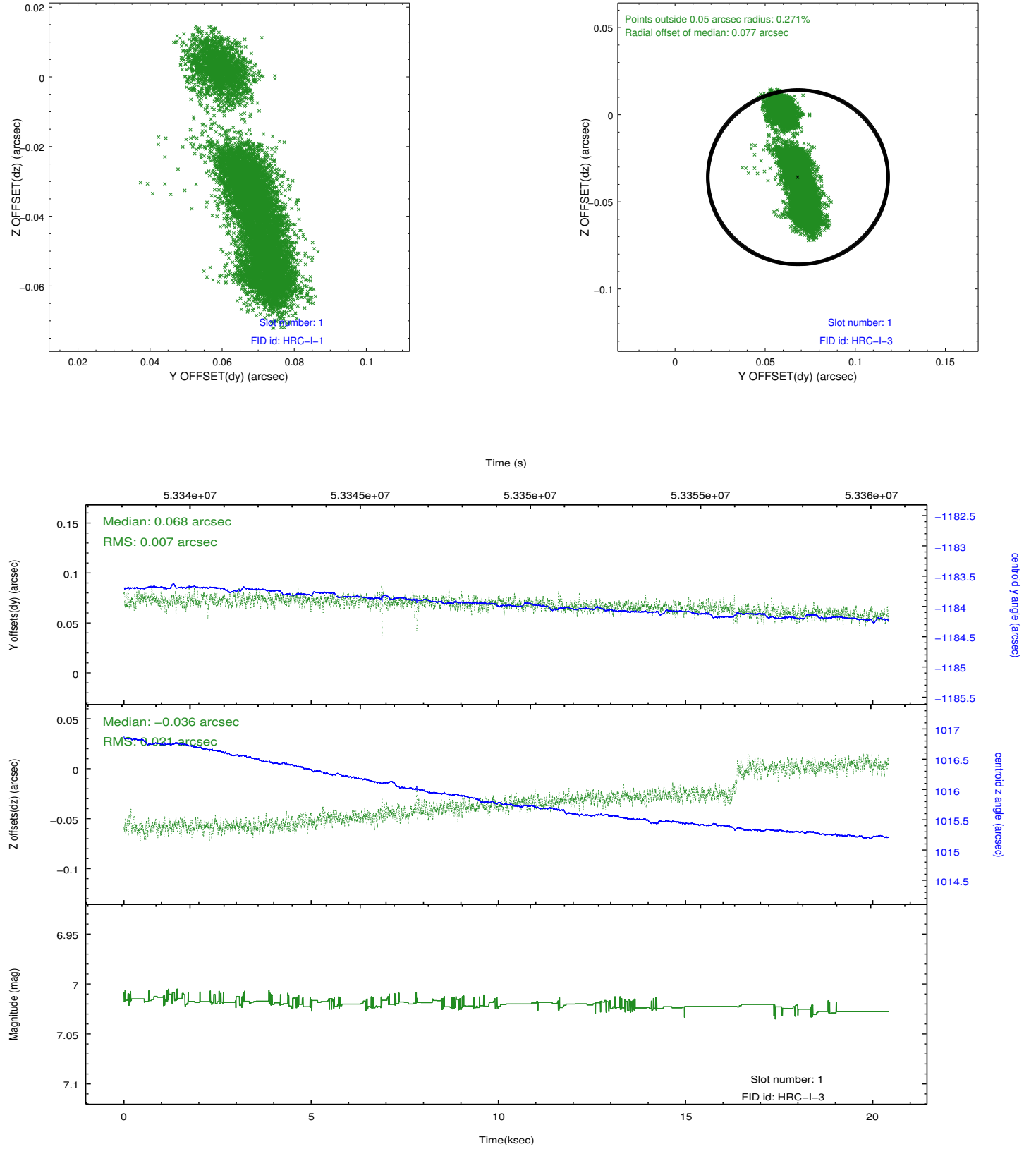


2.5 FID Slots

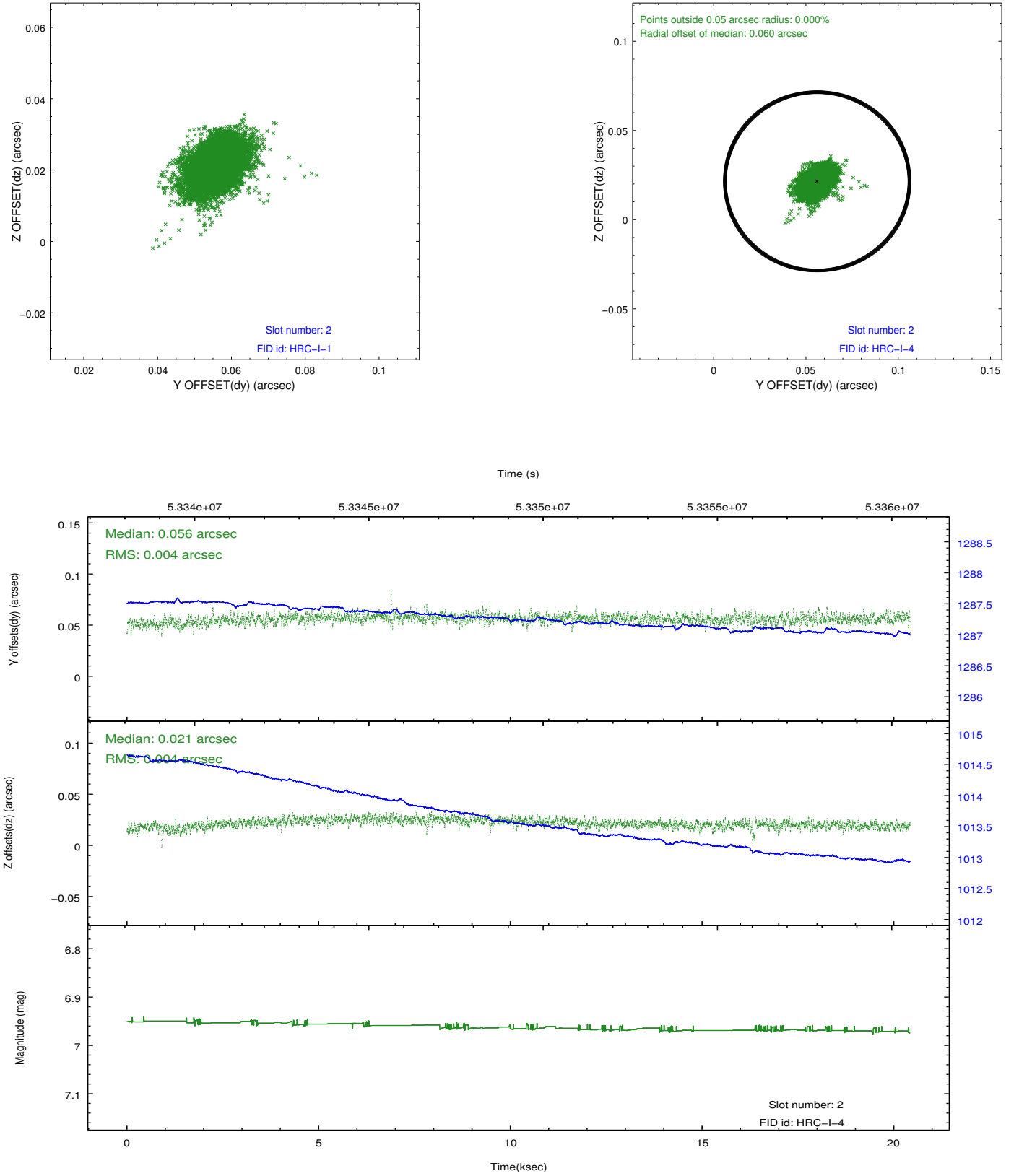
2.5.1 Slot 0



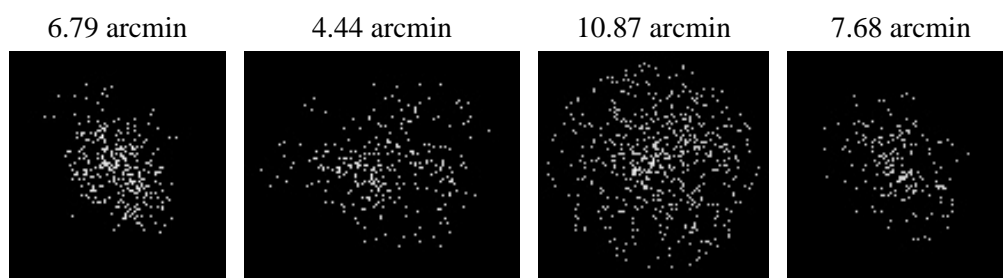
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	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	19.658

A.2 Comments