

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5773 - L2 Version 002
Chandra X-Ray Center

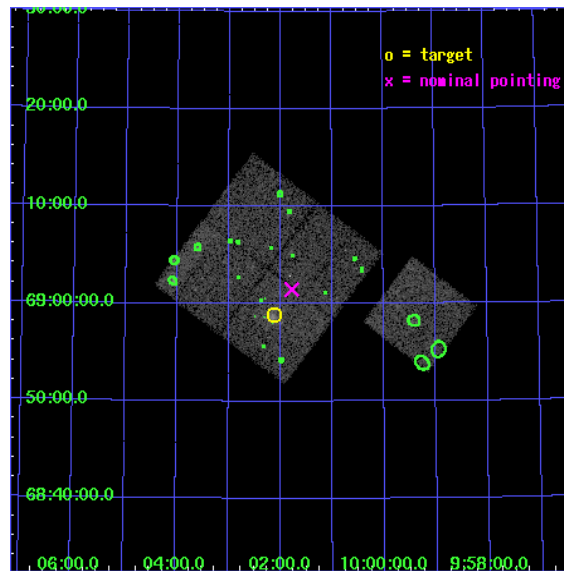
L2 Processing Date : Mar 16 2006

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1 Front

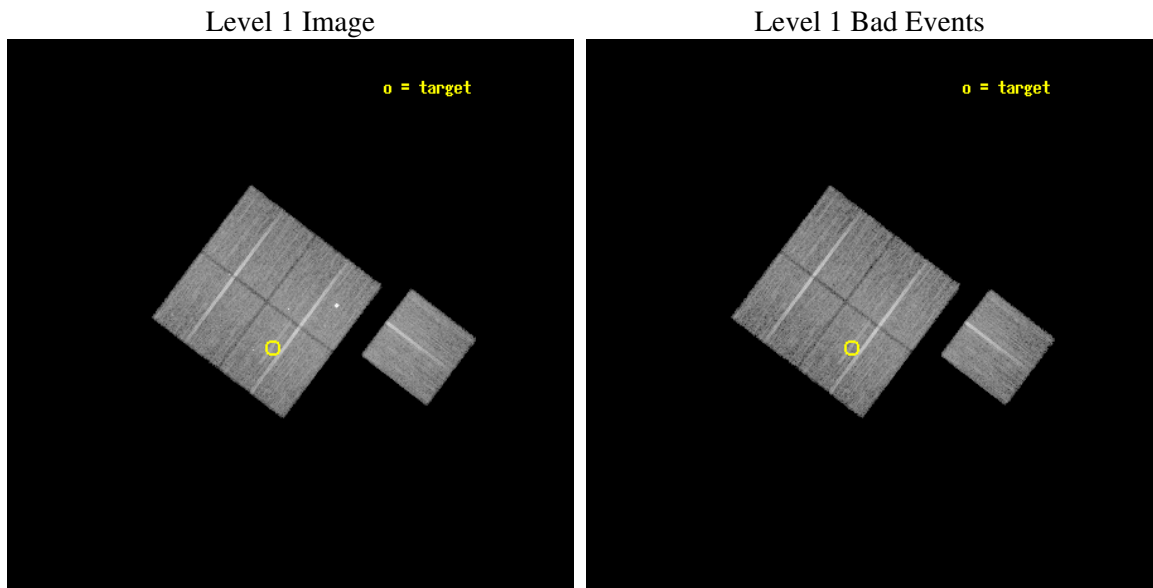
seq_num	800486
obs_id	5773
title	Chandra observations of high-redshift clusters of galaxies from the 400 Square Degrees ROSAT PSPC survey
observer	Dr. Steven Murray
object	cl1002+6858
dtcycle	0
cycle	P
ra_targ	150.531667
dec_targ	68.980278
ra_nom	150.44475404043
dec_nom	69.024750469718
roll_nom	127.11969768514
revision	2
ontime	20053.899961442
livetime	19791.880994979
ontime0	20053.899961442
ontime1	20053.899961442
ontime2	20050.75896129
ontime3	20053.899961442
ontime6	20053.883600473
l2events	48872



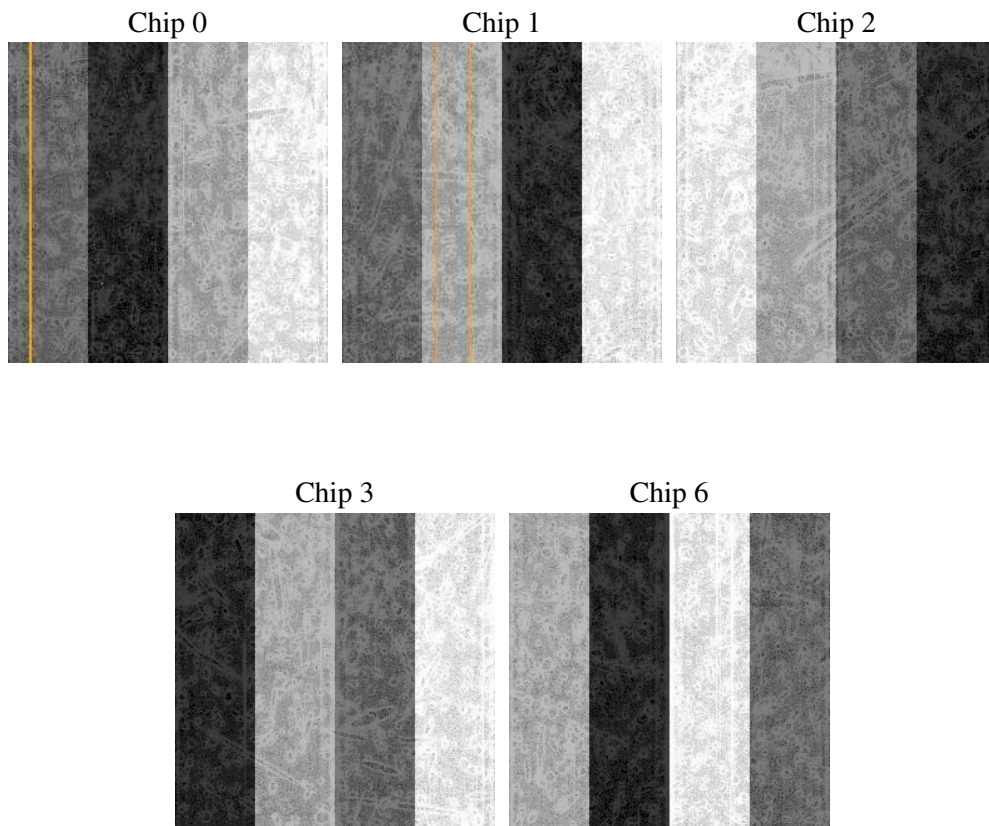
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-16T18:10:08
revision	2

sched_exp_time	20000.000000
ontime	20058.49967429
ontime0	20058.49967429
ontime1	20058.49967429
ontime2	20055.358674139
ontime3	20058.49967429
ontime6	20058.49967429
l1events	557056

2.1.4 Events

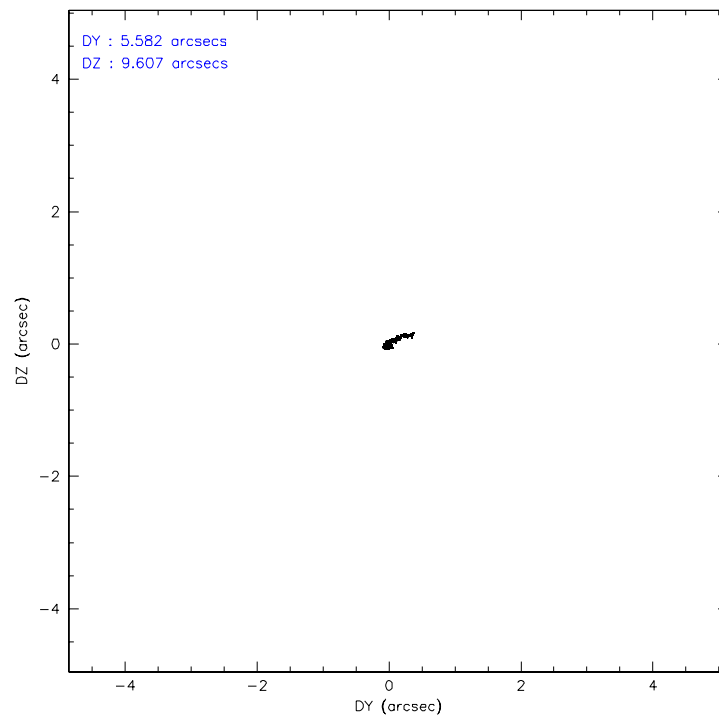
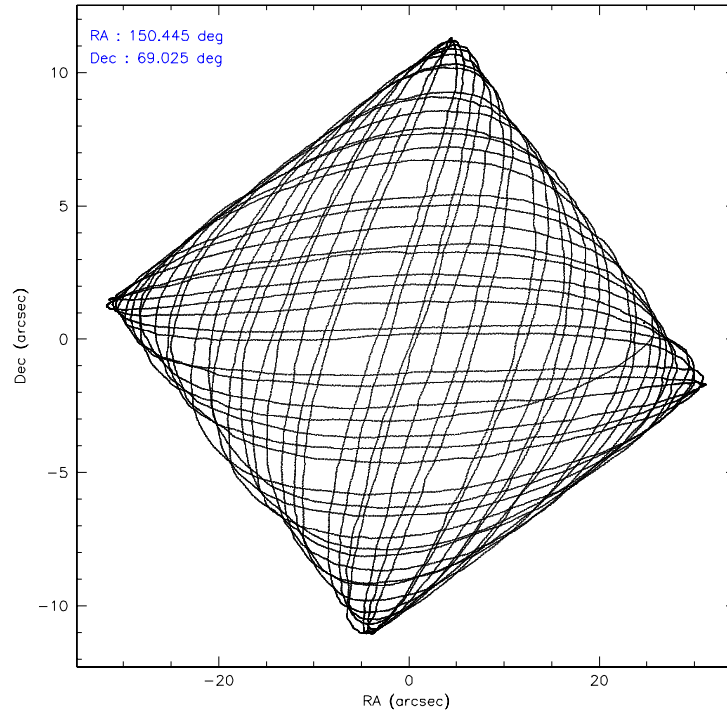
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	104721	105934	120839	111625	113937
rejected events	93630	93117	106272	99961	102472
rejected %	89%	87%	87%	89%	89%

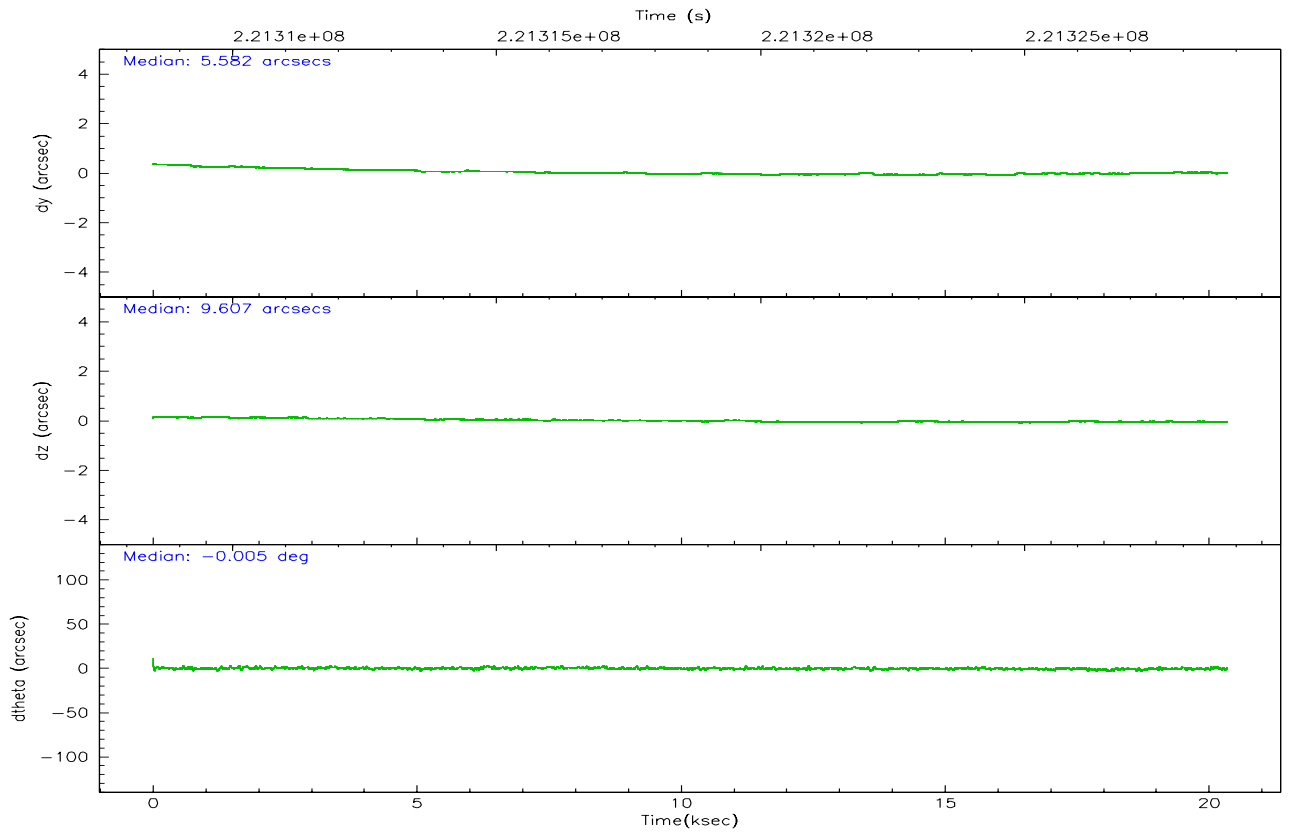
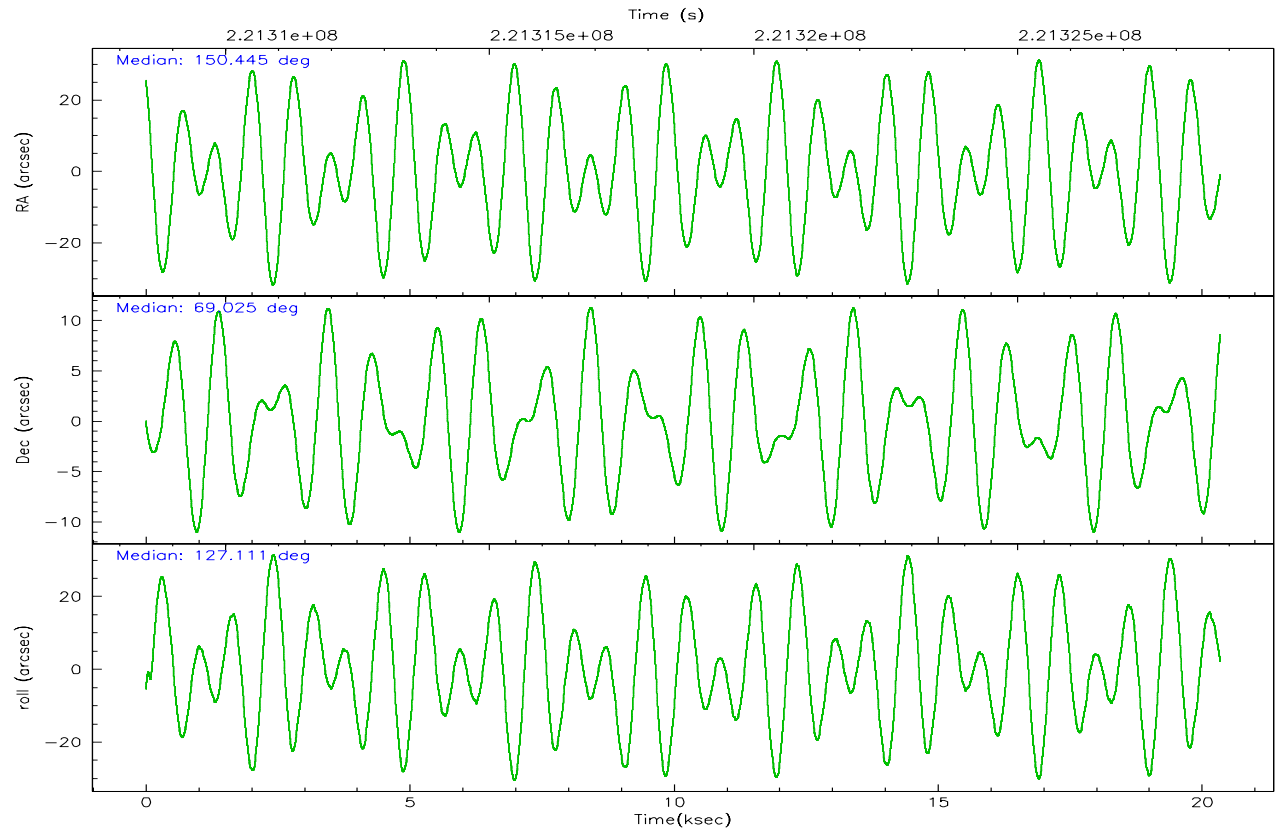
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3892	4724	7388	4527	3986
	3%	4%	6%	4%	3%
grade 1 events	51	49	81	63	43
	0%	0%	0%	0%	0%
grade 2 events	2516	2754	2591	2399	2462
	2%	2%	2%	2%	2%
grade 3 events	1347	1398	1264	1265	1332
	1%	1%	1%	1%	1%
grade 4 events	1188	1398	1275	1241	1252
	1%	1%	1%	1%	1%
grade 5 events	4003	4353	3940	4580	4399
	3%	4%	3%	4%	3%
grade 6 events	2151	2544	2050	2233	2434
	2%	2%	1%	2%	2%
grade 7 events	89573	88714	102250	95317	98029
	85%	83%	84%	85%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	150.515350	150.4447540404274	Alternating exposures requested	N	N
Pointing Dec	69.014221	69.02475046971821	Primary exposure time	0.000000	3.1
Pointing Roll	126.845094	127.1196976851426			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8458576473255			
SIM translation stage offset (mm)	-7.752	-7.746595355604228			
Observation start time	221308837.184000	221307827.24177			
Observation start date	2005-01-05T10:39:33	2005-01-05T10:23:47			
Observation end time	221328837.184000	221329192.85523			
Observation end date	2005-01-05T16:12:53	2005-01-05T16:19:52			
Read mode	TIMED	TIMED			

2.3 Aspect



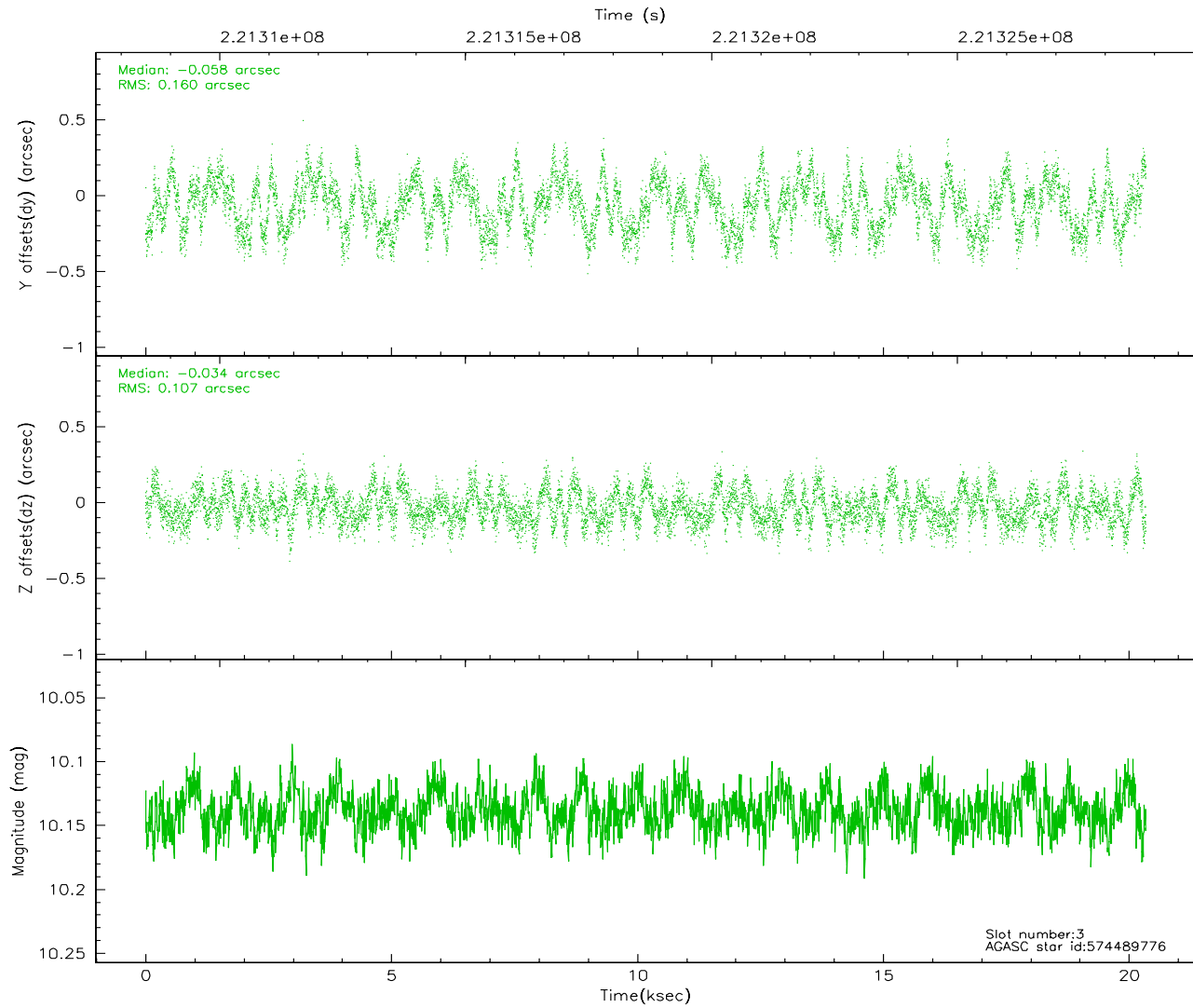
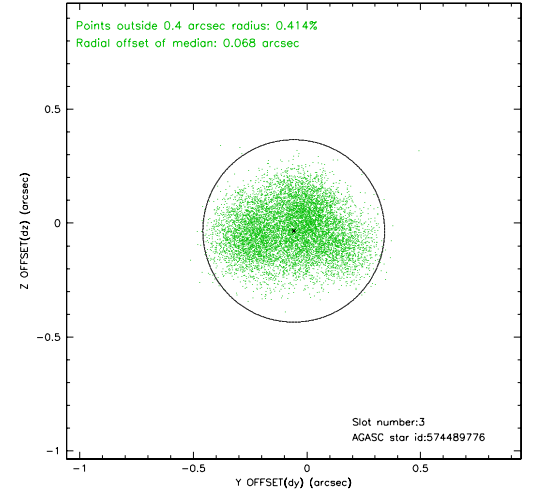
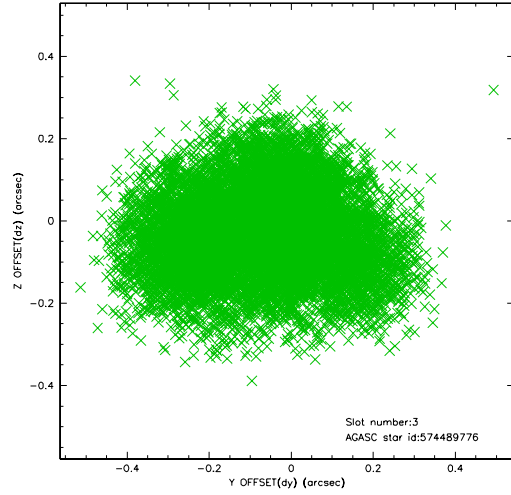


Slot Statistics

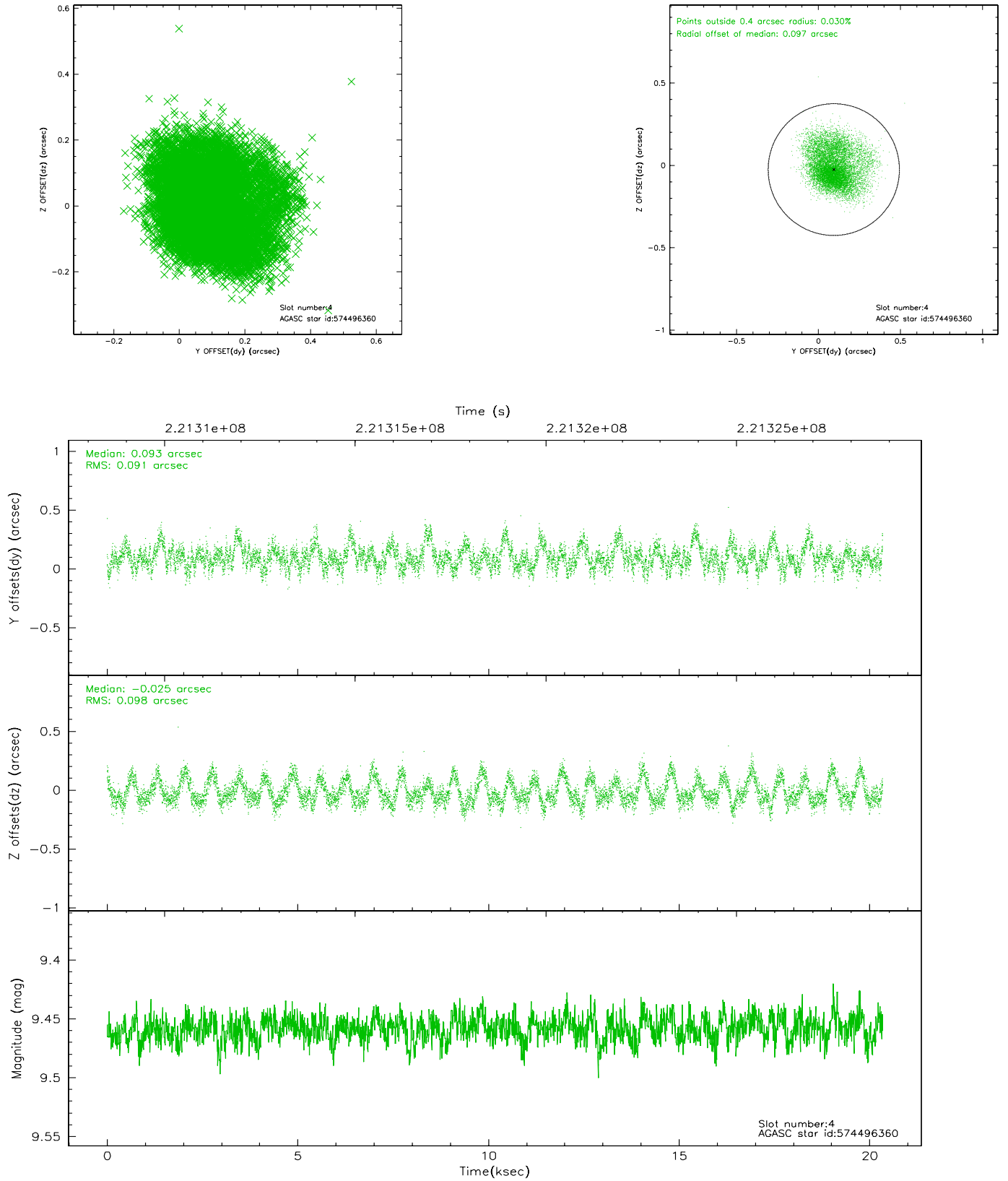
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	4961	0.084	-0.070	0.010	0.016	0.000000	0.000000	934.08	-992.14
1	FID	ACIS-I-2	7.18	4963	-0.136	0.067	0.007	0.011	0.000000	0.000000	-760.53	-997.62
2	FID	ACIS-I-4	7.14	4960	-0.046	0.071	0.007	0.011	0.000000	0.000000	2153.23	908.71
3	GUIDE	574489776	10.14	9914	-0.058	-0.034	0.211	0.317	148.323662	69.046710	1825.54	2157.61
4	GUIDE	574496360	9.46	9913	0.093	-0.025	0.143	0.232	150.806604	68.529829	-1624.40	738.21
5	GUIDE	574628888	10.14	9919	0.066	0.096	0.189	0.298	152.641133	68.801223	-2233.98	-1783.04
6	GUIDE	574630280	10.61	9910	-0.003	0.046	0.240	0.409	152.164287	69.175741	-776.95	-2054.34
7	GUIDE	574494880	11.10	9707	-0.077	-0.099	0.362	0.573	149.009874	68.677374	230.27	2289.64

2.4 Star Slots

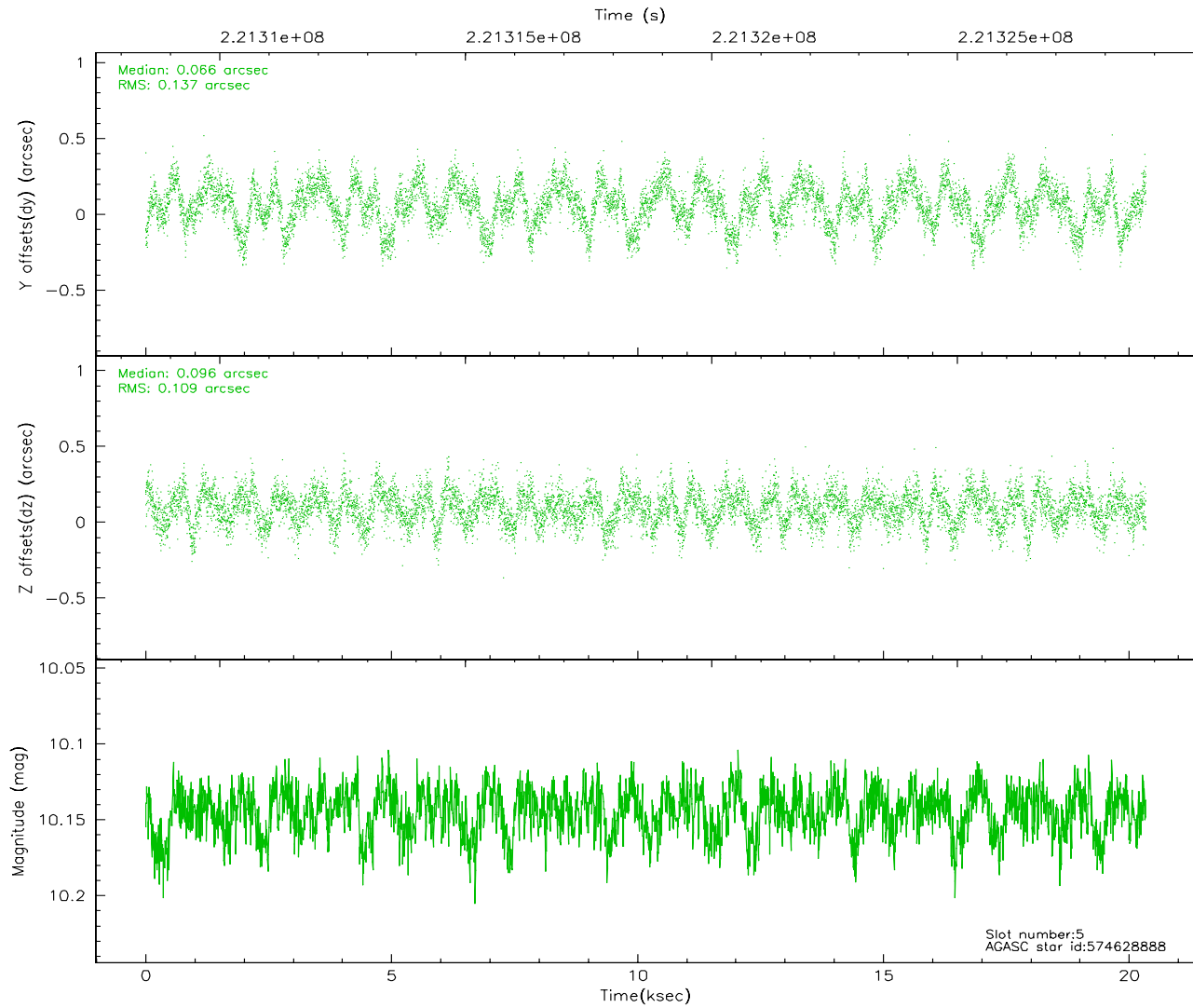
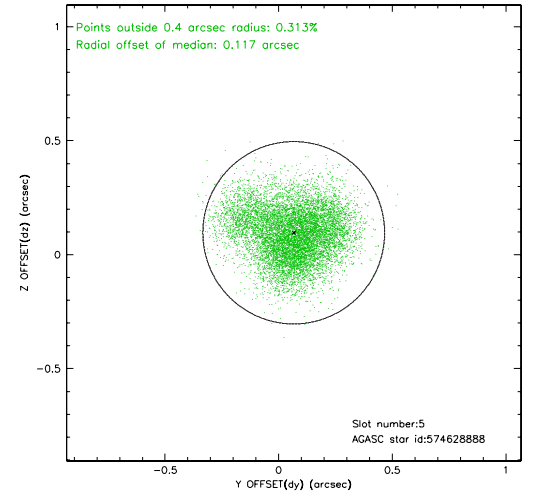
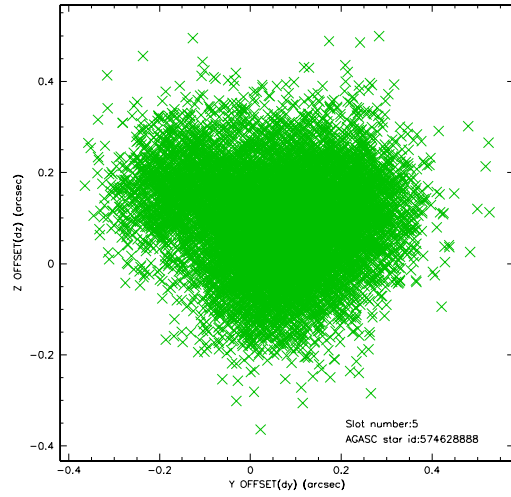
2.4.1 Slot 3



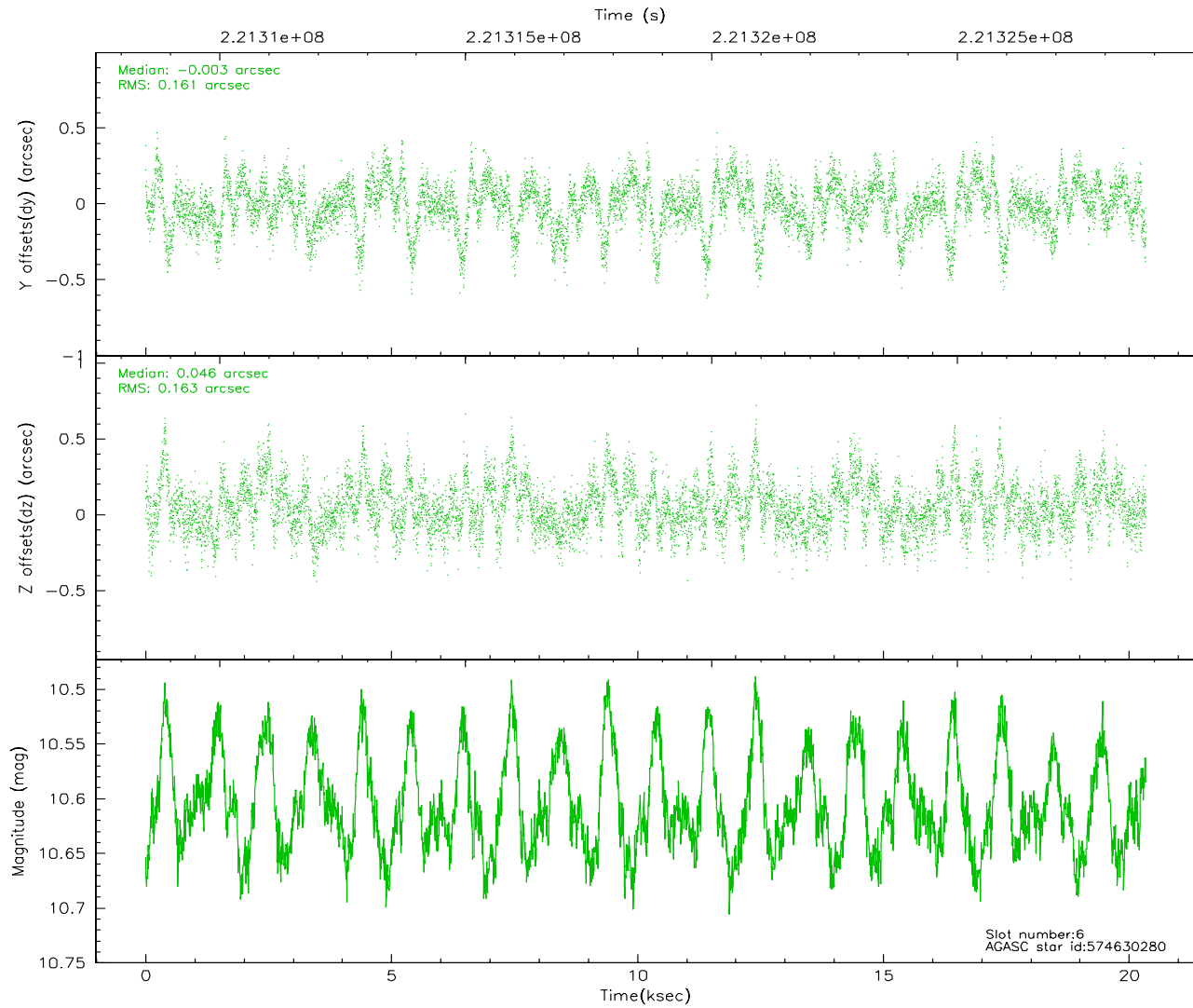
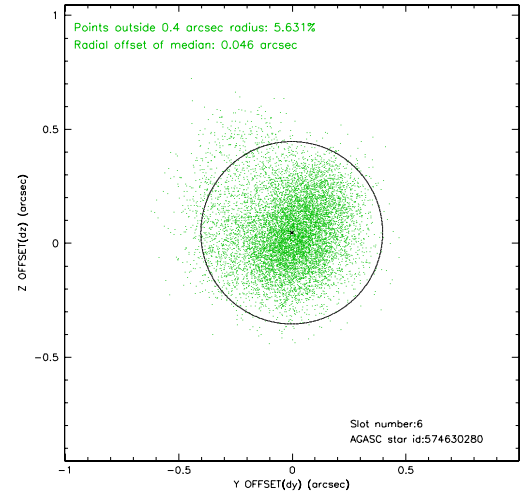
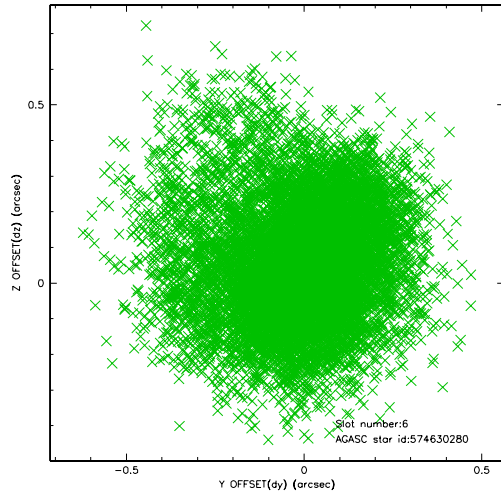
2.4.2 Slot 4



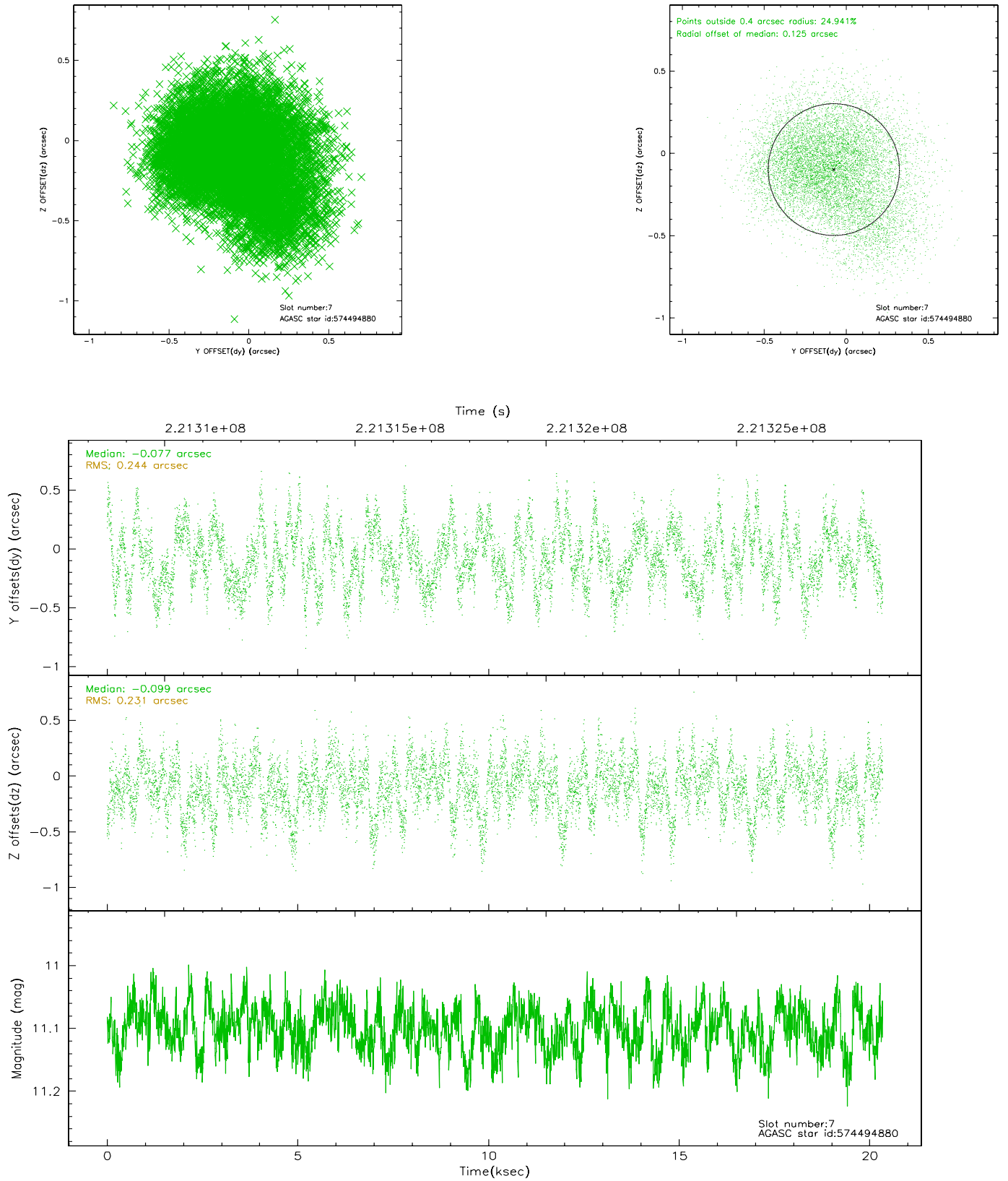
2.4.3 Slot 5



2.4.4 Slot 6

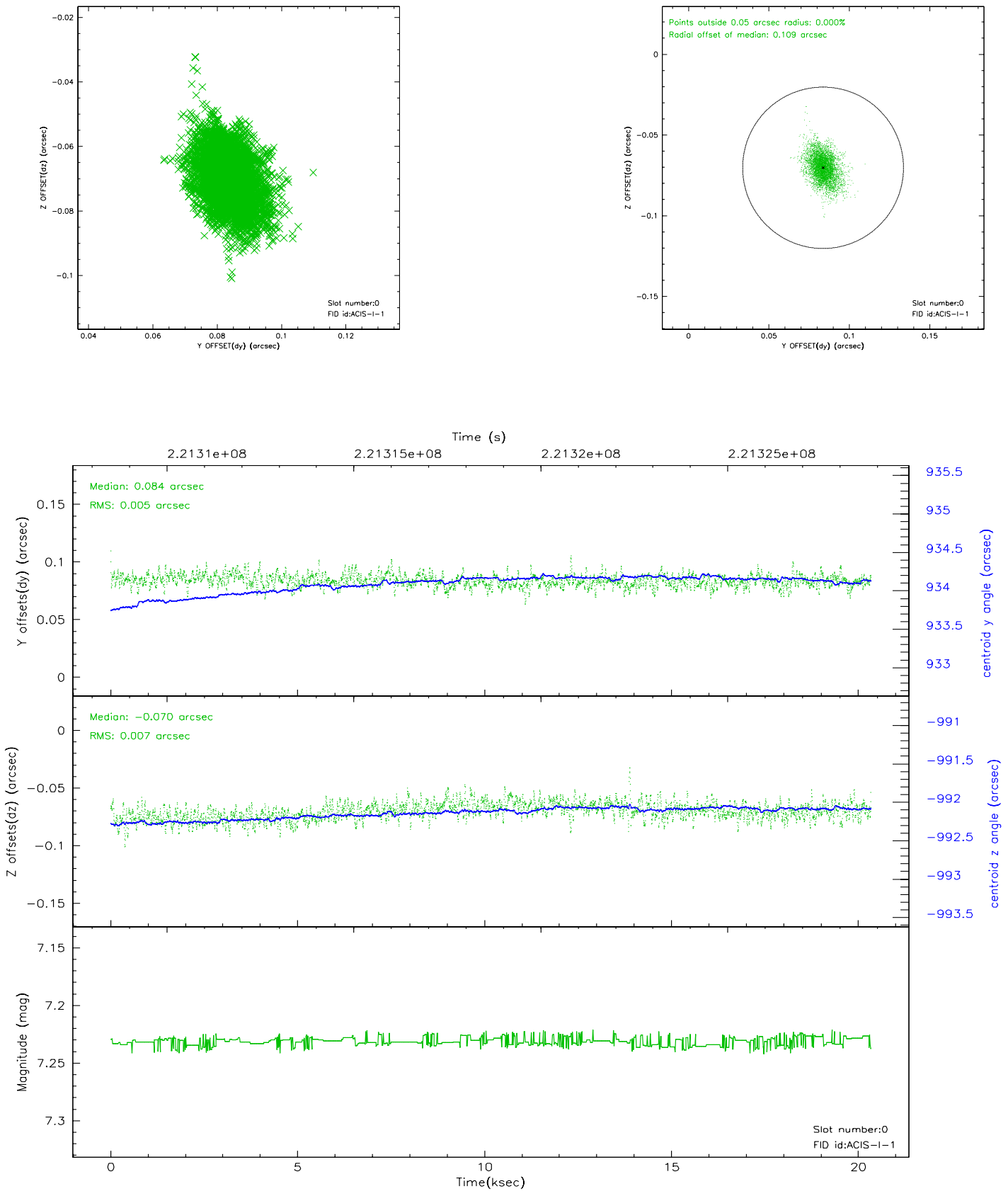


2.4.5 Slot 7

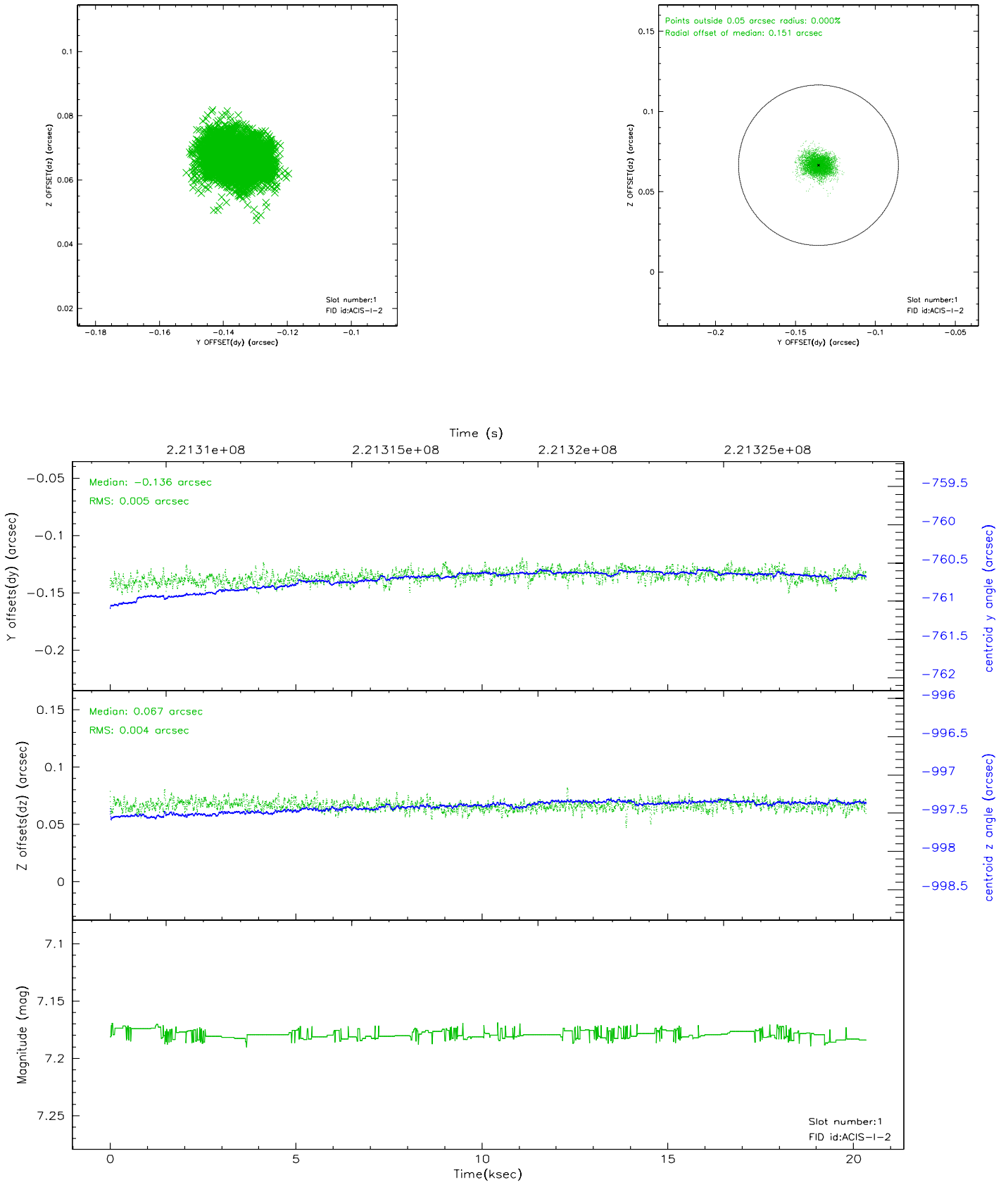


2.5 FID Slots

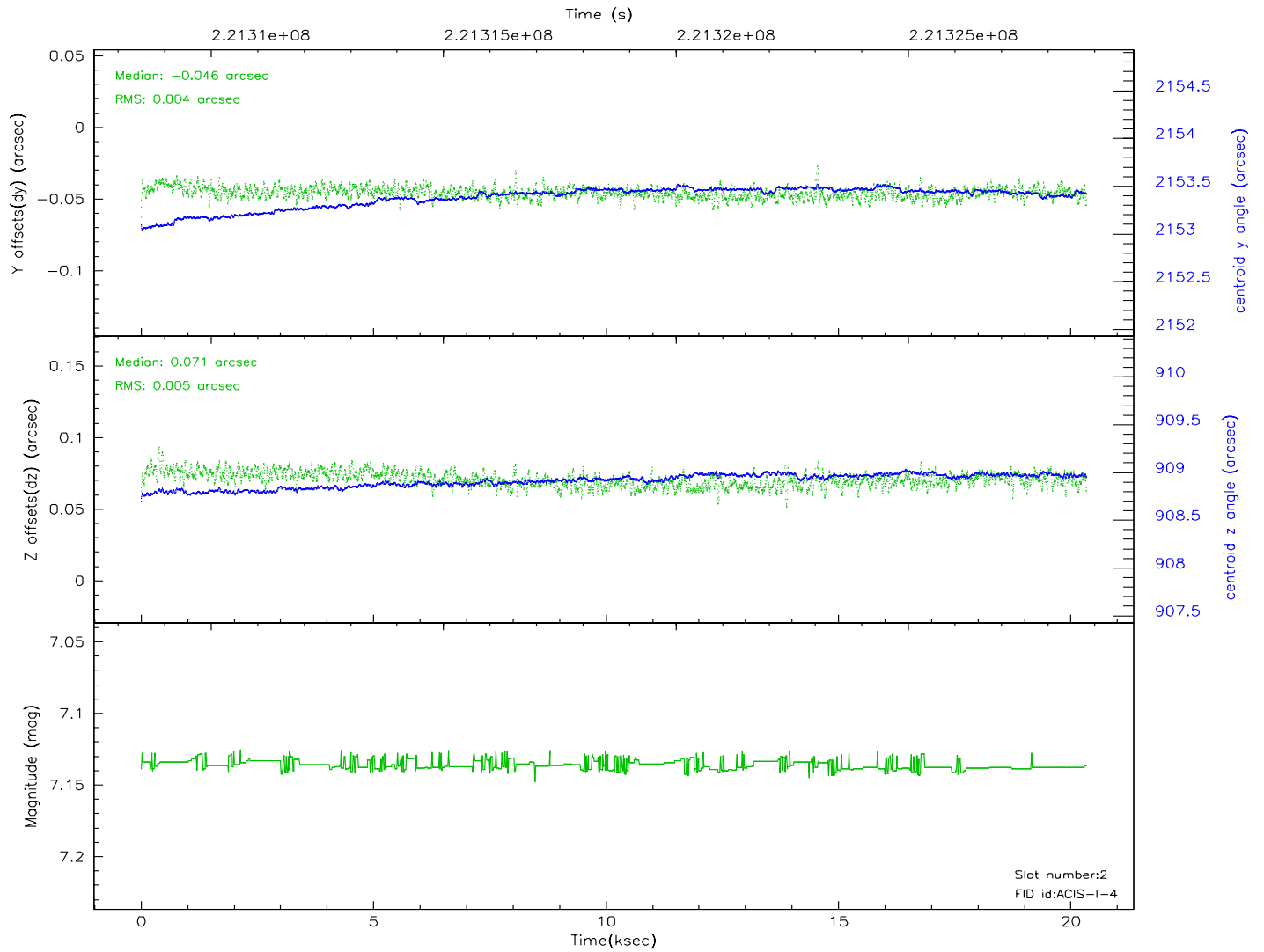
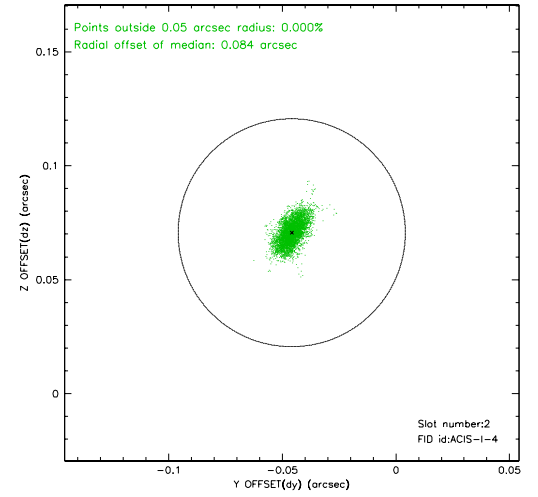
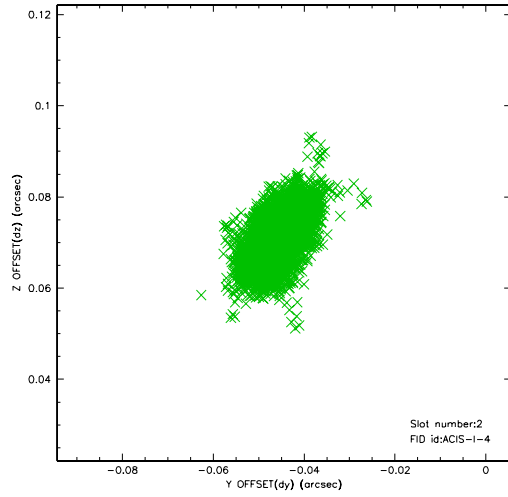
2.5.1 Slot 0



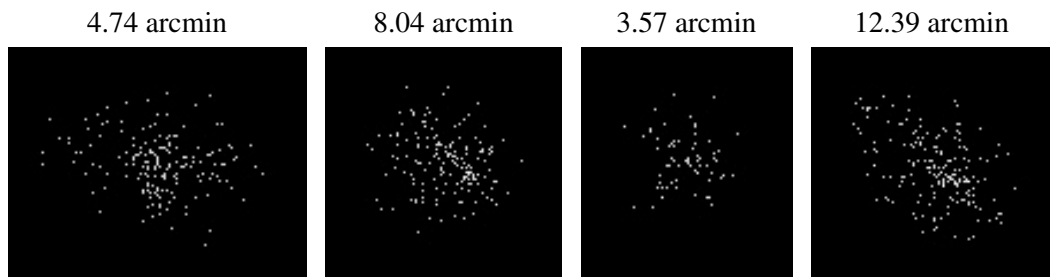
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.05389

A.2 Comments

Comments for Obi 0

Star in slot 7 has an RMS deviation > 0.200000 arcsec

Within aspect spec.