

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3196 - L2 Version 001
Chandra X-Ray Center

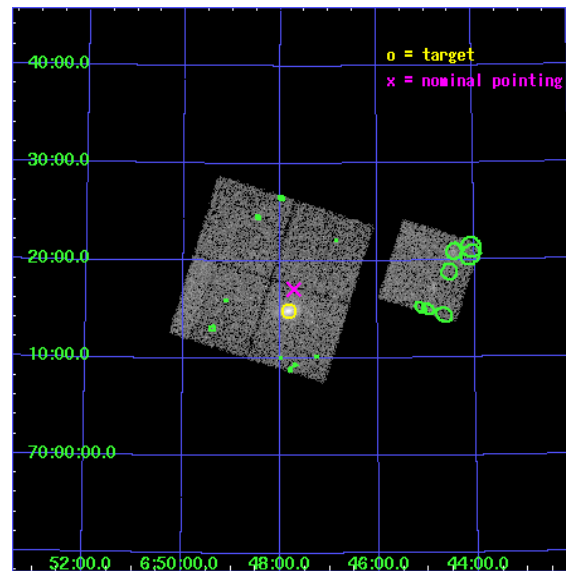
L2 Processing Date : Oct 11 2006

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1 Front

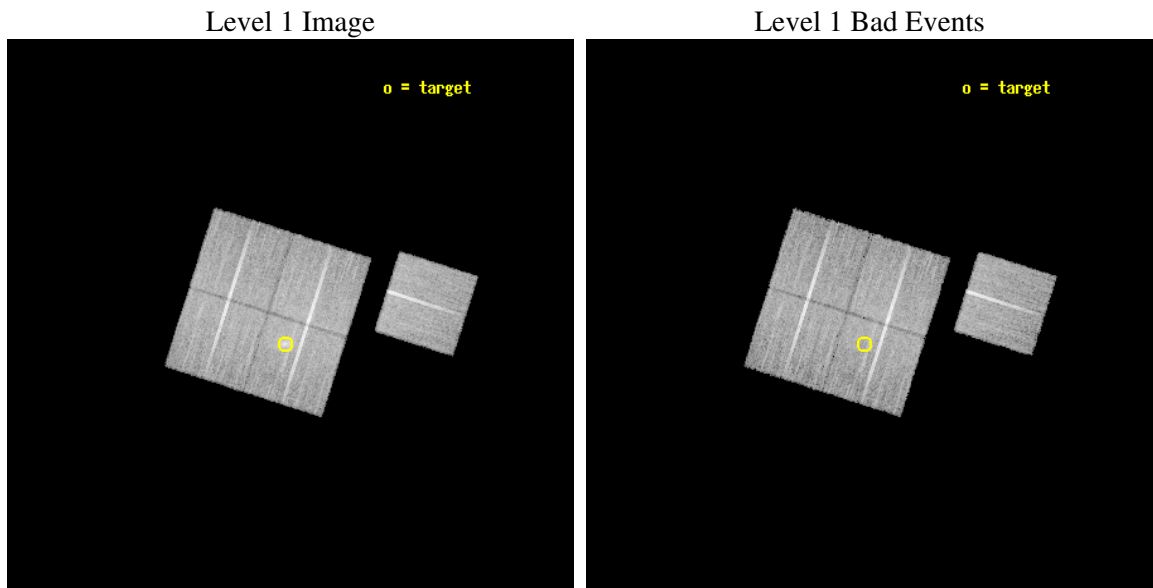
seq_num	800196
obs_id	3196
title	OBSERVATION OF MACS CLUSTERS, $Z>0.5$
observer	DR. LEON VANSPEYBROECK
object	MACS-J0647.7+7015
dtcycle	0
cycle	P
ra_targ	101.959167
dec_targ	70.248611
ra_nom	101.93075774032
dec_nom	70.285055120468
roll_nom	107.66504200299
revision	2
ontime	19529.999962449
livetime	19274.826135163
ontime0	19529.999962449
ontime1	19529.999962449
ontime2	19526.858972311
ontime3	19529.999962449
ontime6	19526.858972311
l2events	48194



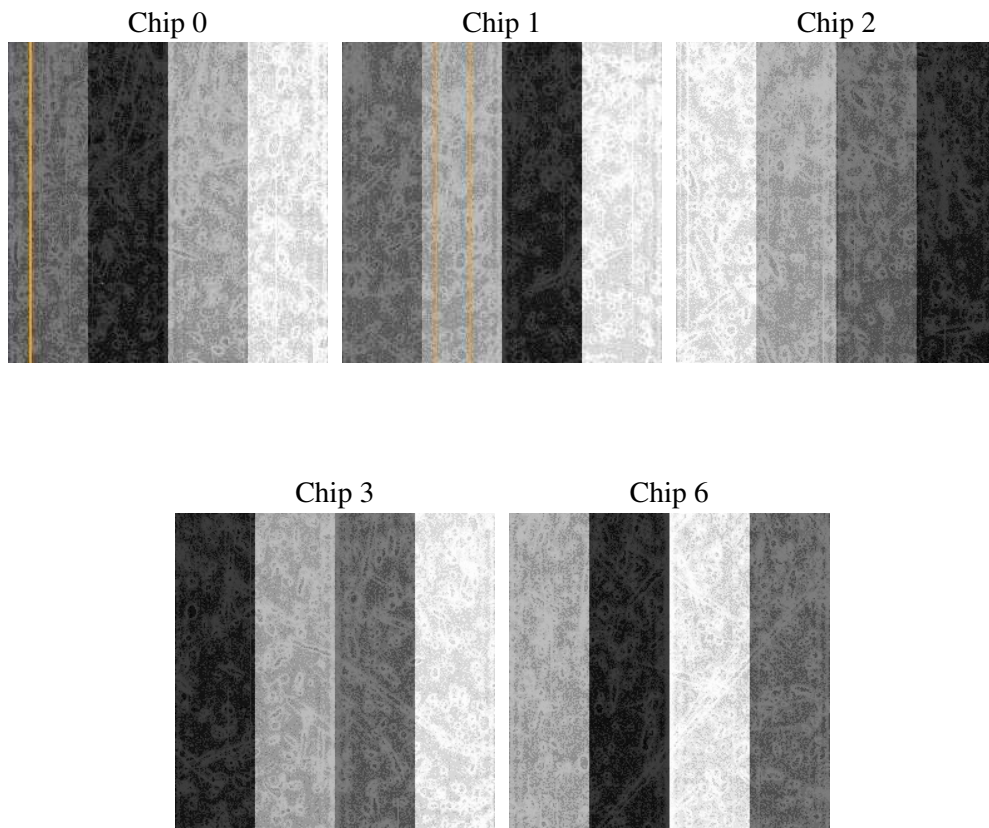
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-11T21:42:46
revision	2

sched_exp_time	19500.000000
ontime	19992.475591272
ontime0	19992.475591272
ontime1	19992.475591272
ontime2	19989.334601134
ontime3	19992.475591272
ontime6	19989.334601134
l1events	532884

2.1.4 Events

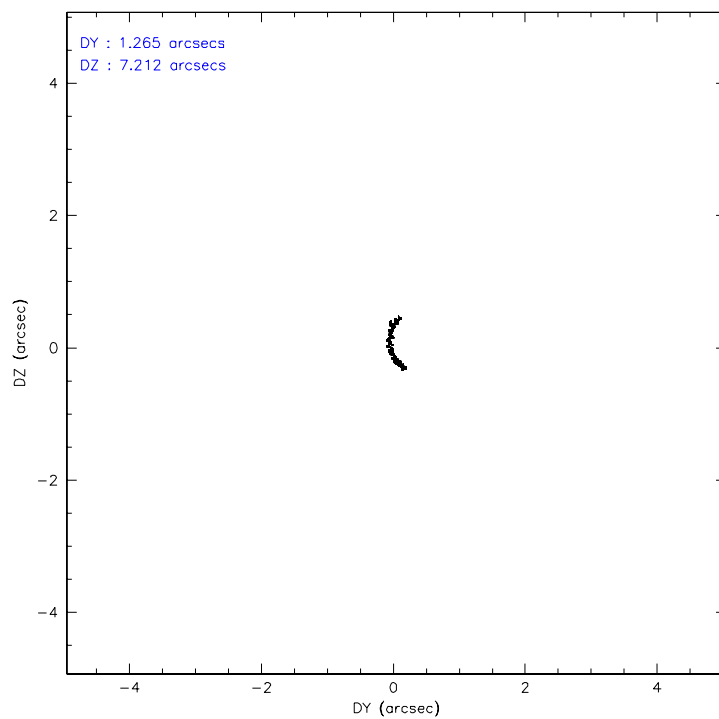
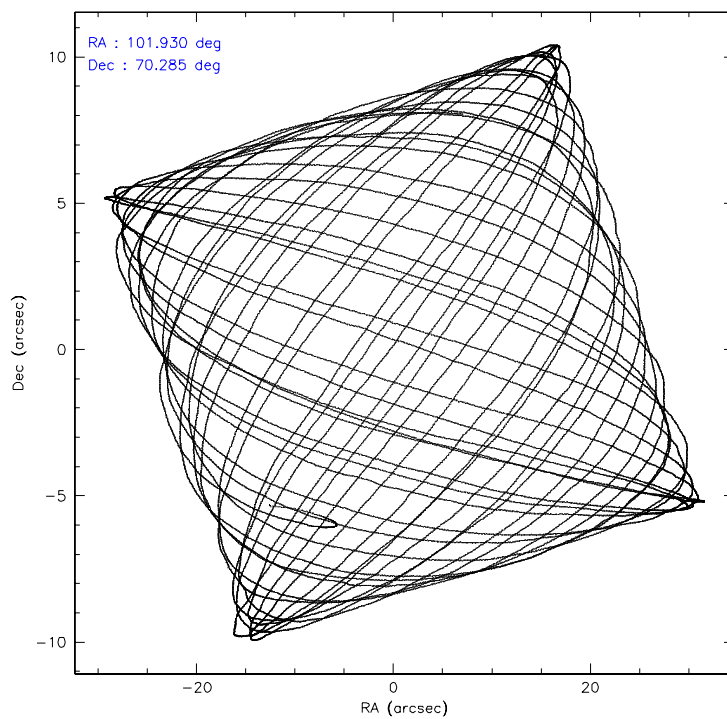
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	99271	105211	111881	109199	107322
rejected events	88763	93248	101626	95610	96161
rejected %	89%	88%	90%	87%	89%

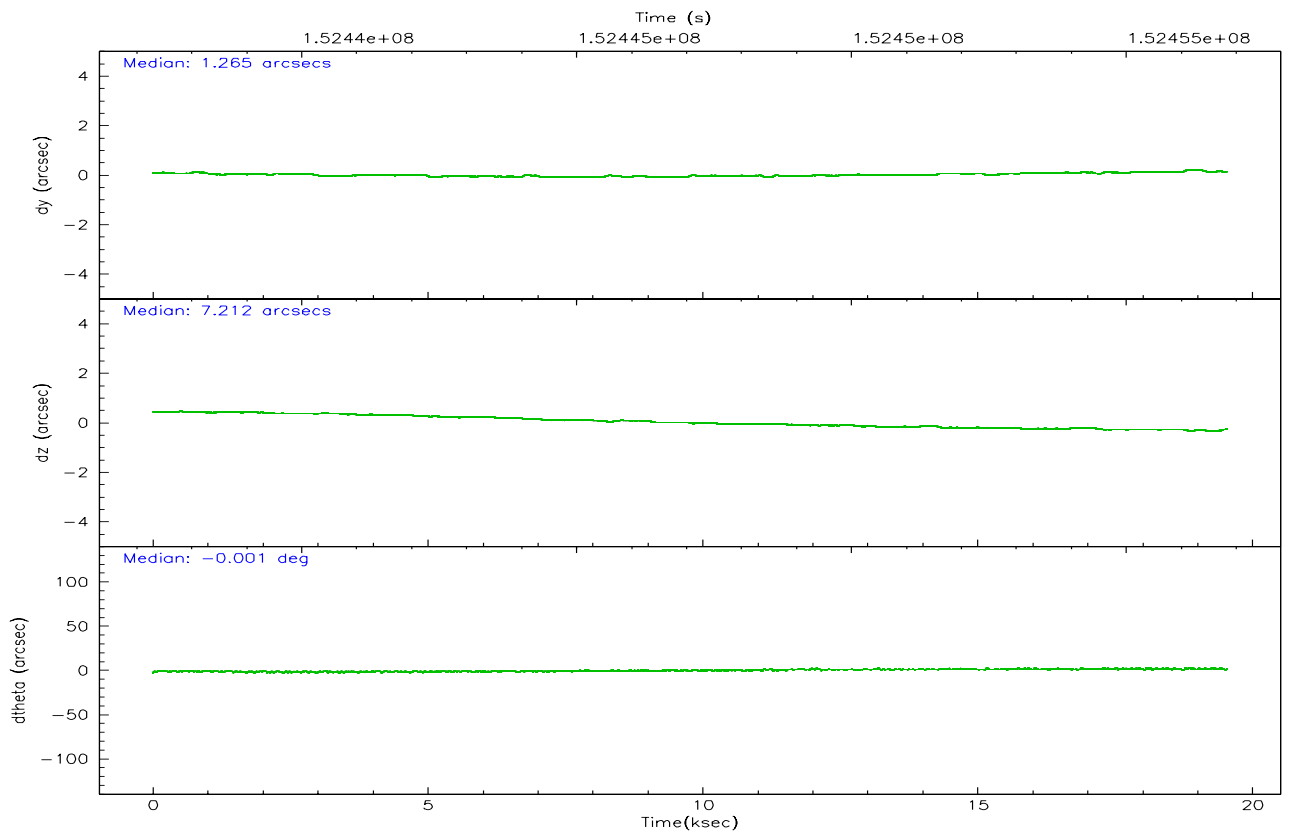
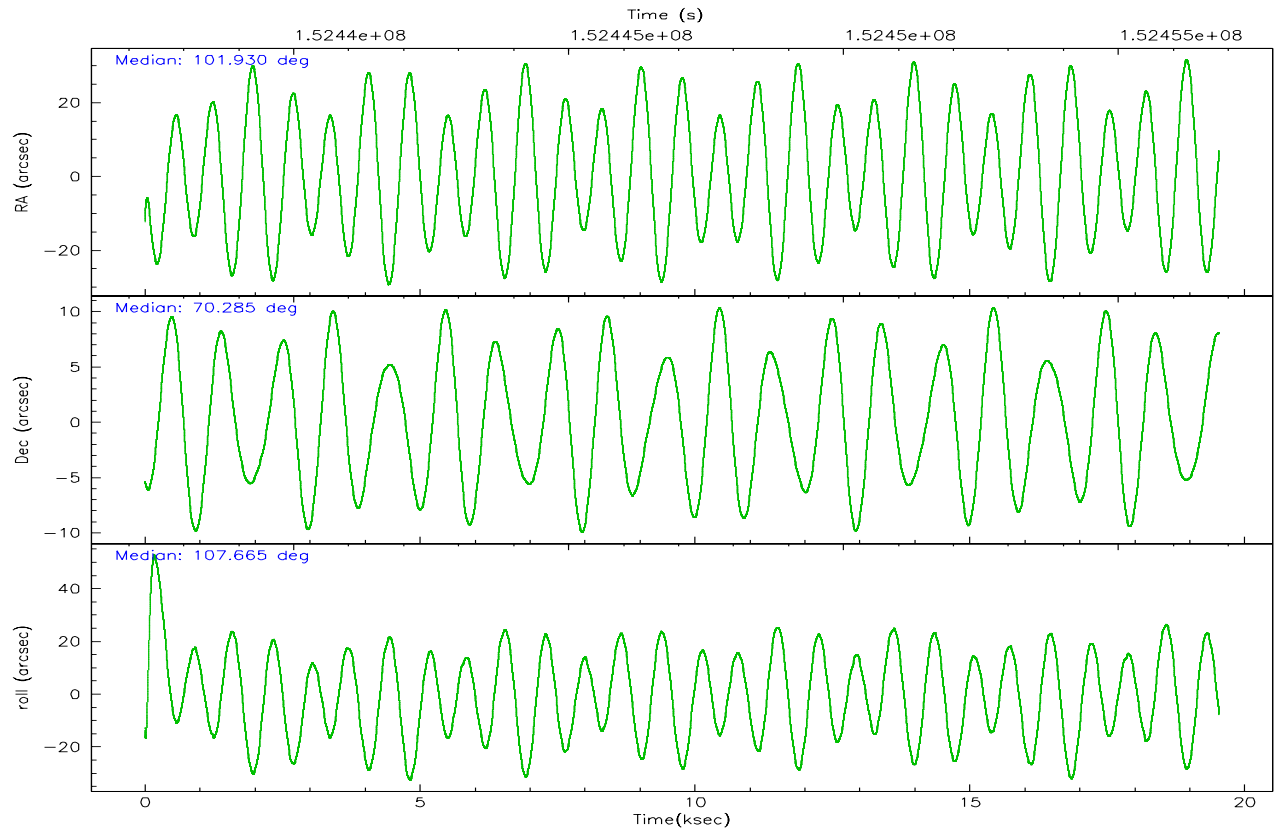
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3759	4476	3838	6791	4256
	3%	4%	3%	6%	3%
grade 1 events	59	55	58	61	44
	0%	0%	0%	0%	0%
grade 2 events	2455	2577	2335	2518	2318
	2%	2%	2%	2%	2%
grade 3 events	1338	1412	1185	1239	1274
	1%	1%	1%	1%	1%
grade 4 events	1137	1353	1174	1249	1274
	1%	1%	1%	1%	1%
grade 5 events	3637	3926	3465	3994	3955
	3%	3%	3%	3%	3%
grade 6 events	2069	2431	1951	2094	2323
	2%	2%	1%	1%	2%
grade 7 events	84817	88981	97875	91253	91878
	85%	84%	87%	83%	85%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	101.991013	101.9307577403226	Subarray requested	NONE	NONE
Pointing Dec	70.266666	70.2850551204681	Alternating exposures requested	N	N
Pointing Roll	107.399679	107.6650420029913	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.742463	-227.734108438797			
SIM translation stage offset (mm)	-5.85	-5.858344564132665			
Observation start time	152437331.184000	152436232.33263			
Observation start date	2002-10-31T07:41:07	2002-10-31T07:23:52			
Observation end time	152456831.184000	152457605.12102			
Observation end date	2002-10-31T13:06:07	2002-10-31T13:20:05			
Read mode	TIMED	TIMED			

2.3 Aspect



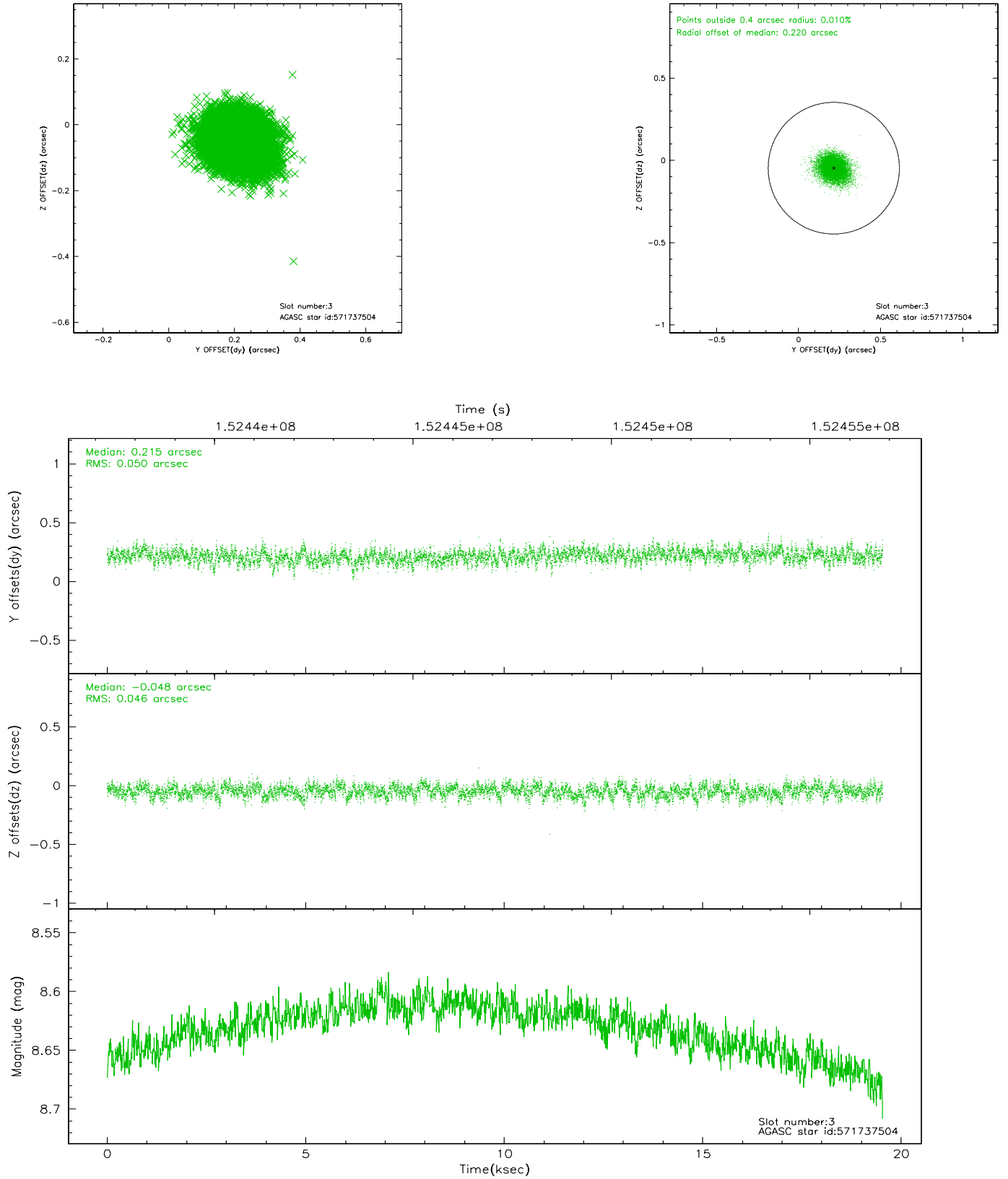


Slot Statistics

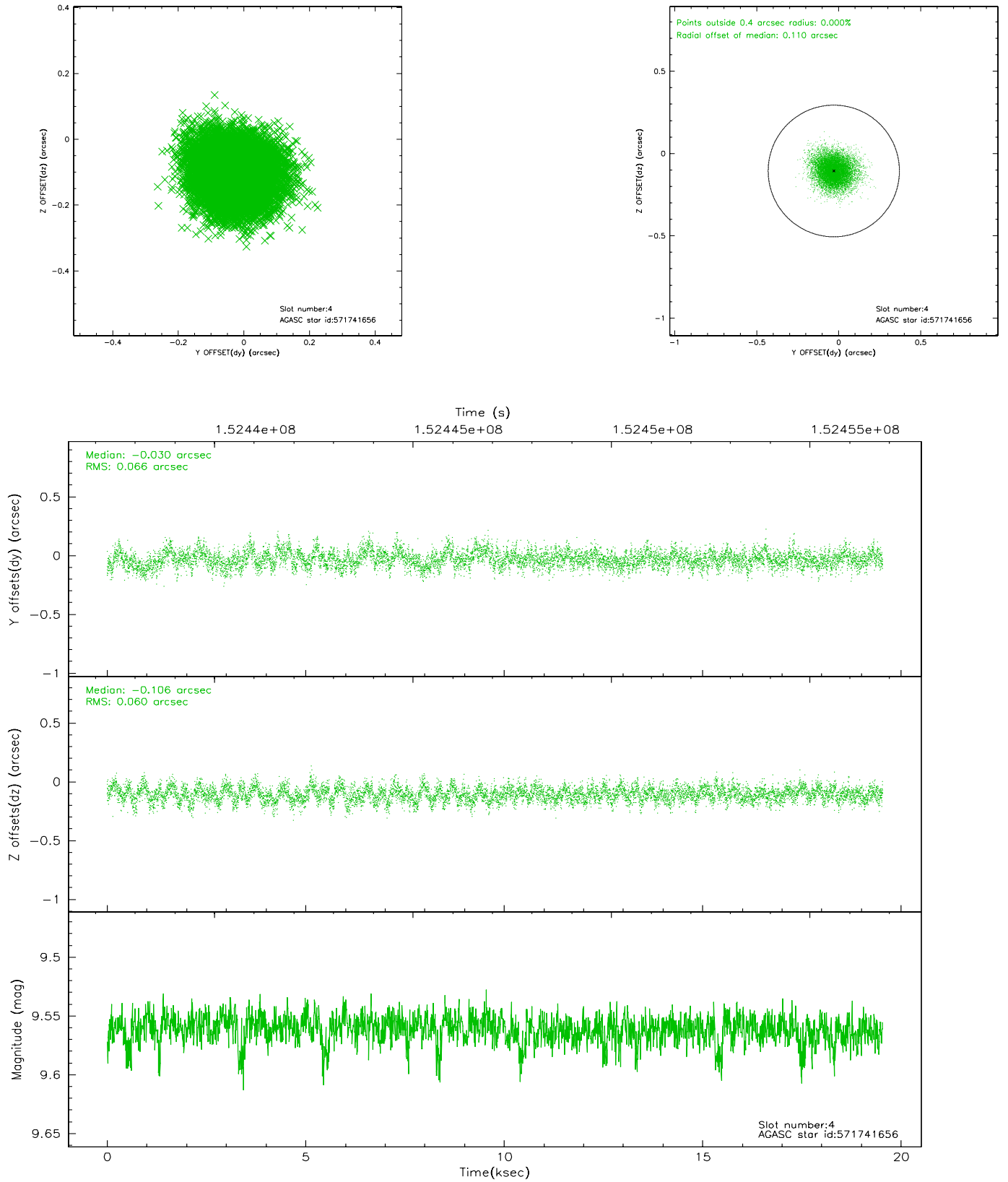
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4766	0.030	0.038	0.010	0.029	0.000000	0.000000	938.46	-950.87
1	FID	ACIS-I-5	7.23	4765	-0.122	0.069	0.015	0.023	0.000000	0.000000	-1809.66	946.57
2	FID	ACIS-I-6	7.26	4766	0.007	-0.037	0.015	0.023	0.000000	0.000000	403.81	1591.16
3	GUIDE	571737504	8.63	9531	0.215	-0.048	0.071	0.118	101.870026	69.629105	-2143.15	830.21
4	GUIDE	571741656	9.56	9530	-0.030	-0.106	0.094	0.156	101.249678	70.681487	1695.24	393.59
5	GUIDE	571744808	9.50	9525	-0.198	0.032	0.092	0.149	101.336434	70.800066	2069.44	163.36
6	GUIDE	571742056	9.82	9525	-0.206	0.001	0.132	0.207	100.911558	70.764042	2103.69	682.12
7	GUIDE	571878656	9.42	9514	0.217	0.116	0.099	0.161	103.474687	69.749452	-2306.32	-1214.55

2.4 Star Slots

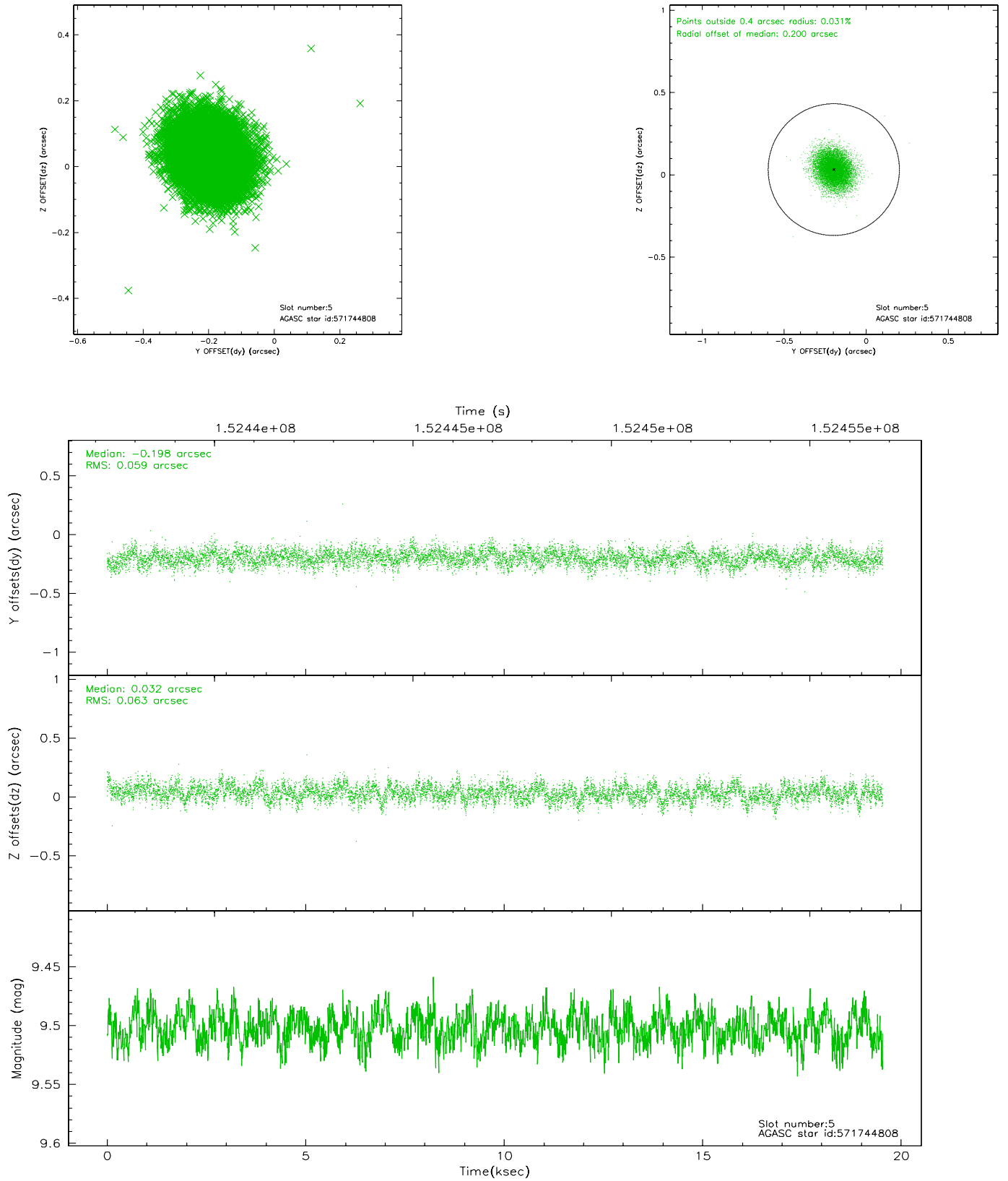
2.4.1 Slot 3



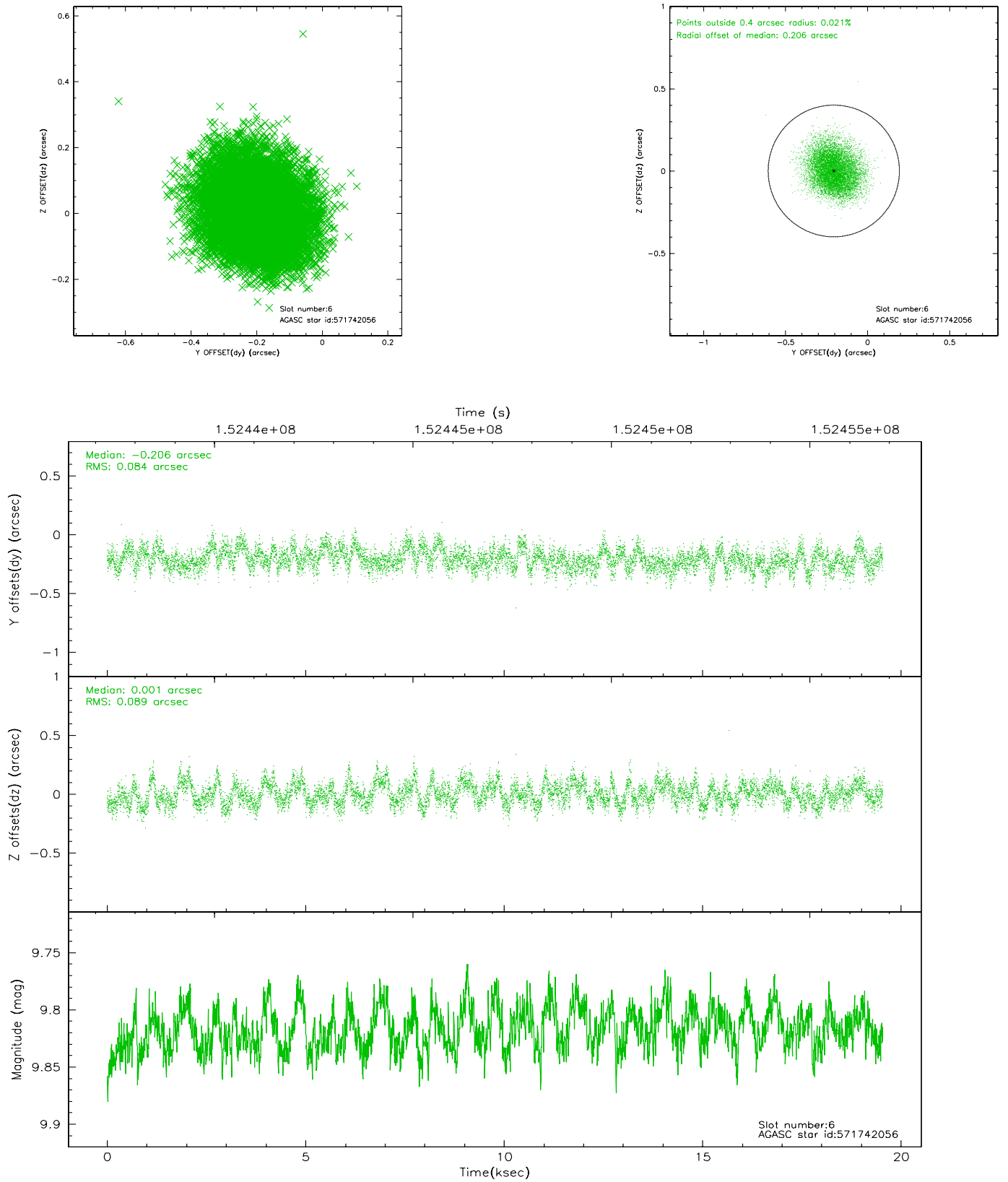
2.4.2 Slot 4



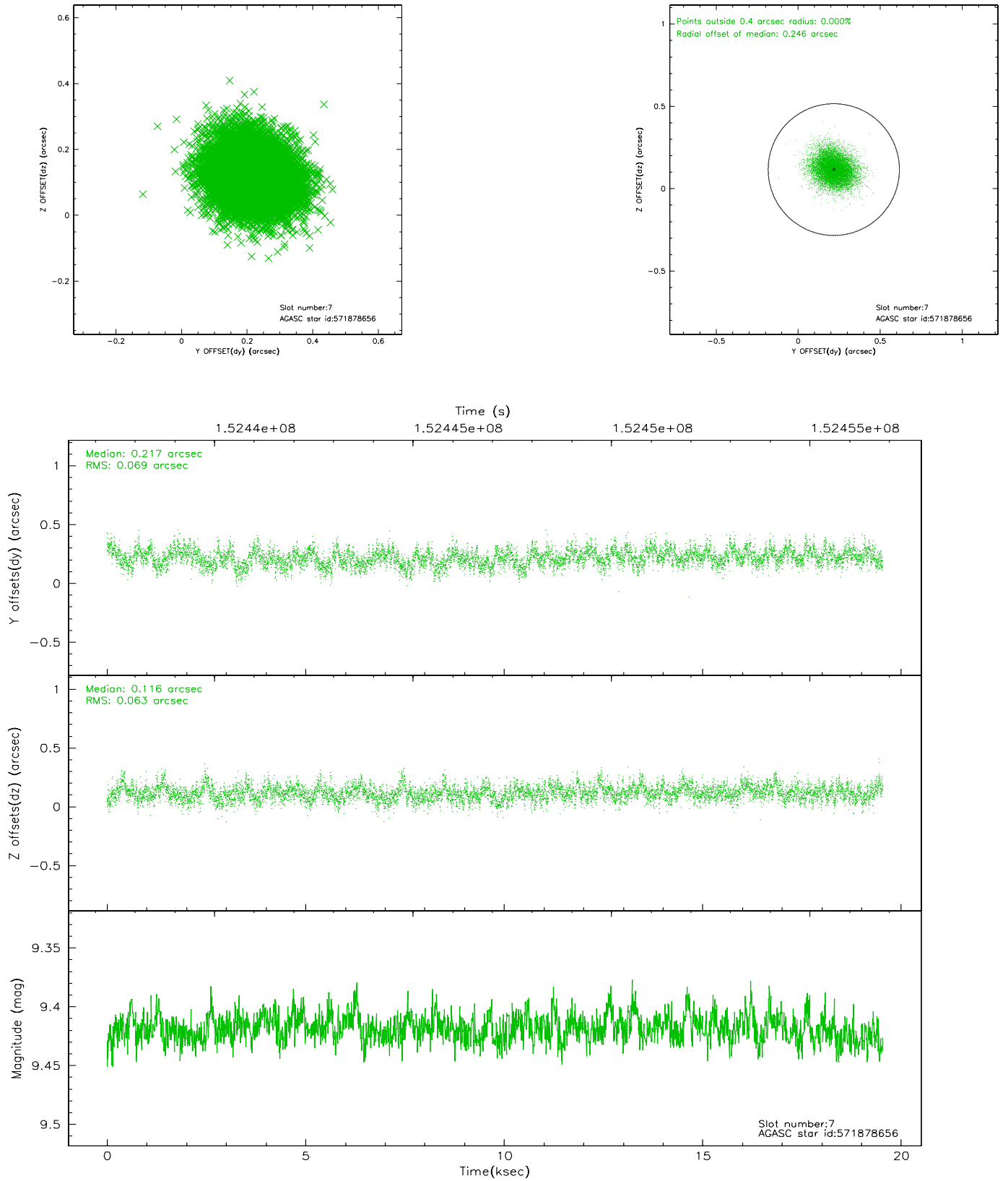
2.4.3 Slot 5



2.4.4 Slot 6

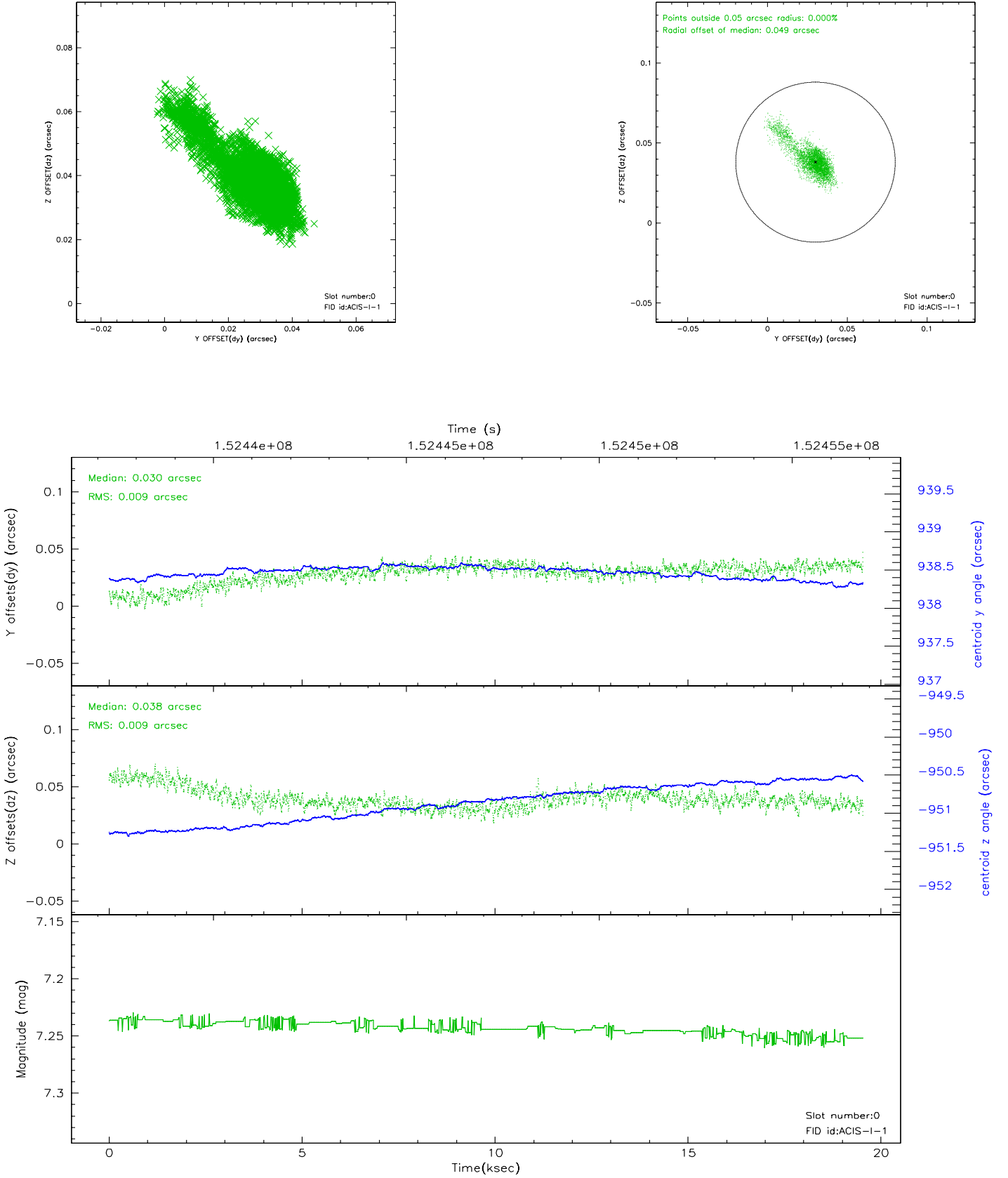


2.4.5 Slot 7

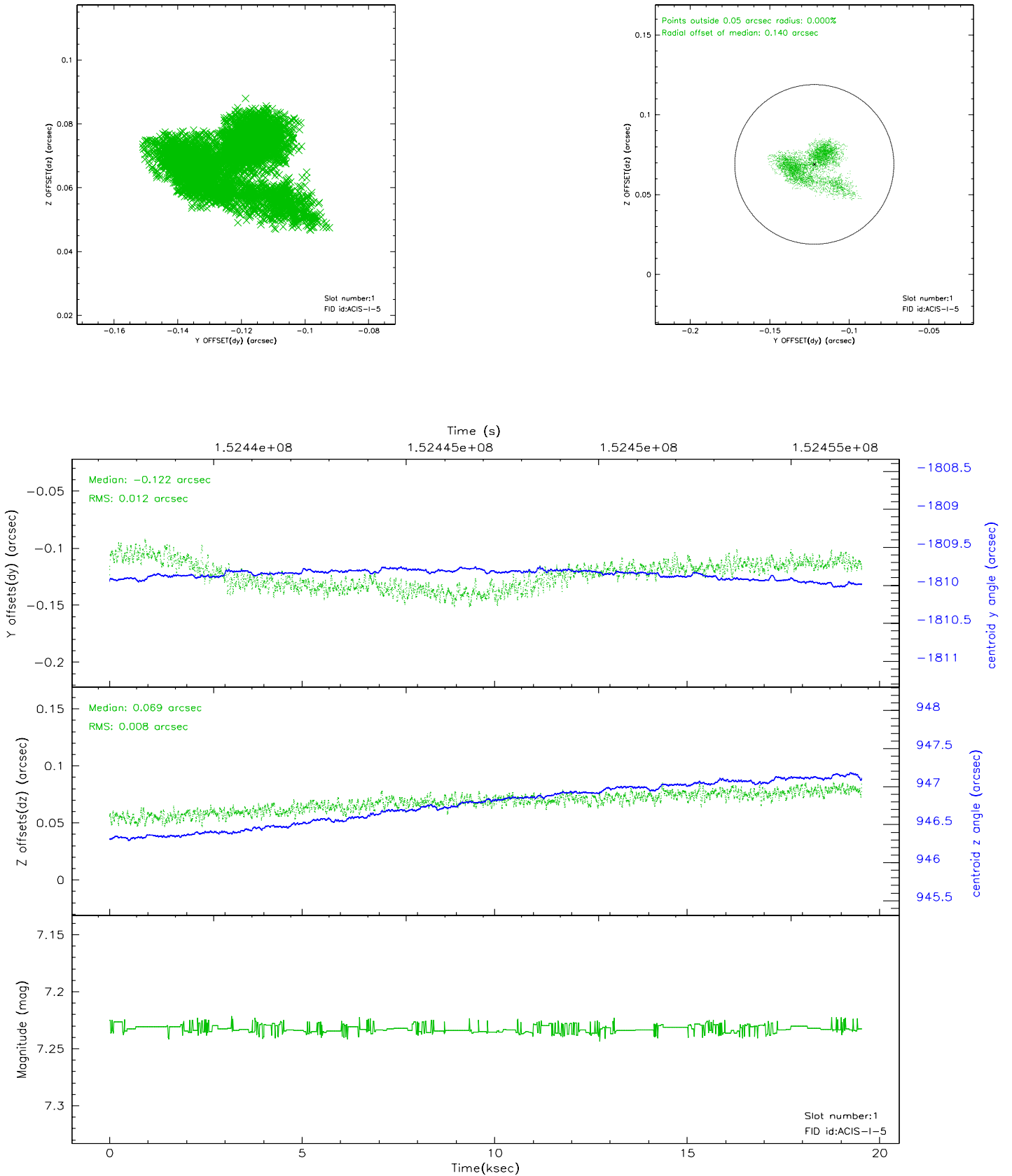


2.5 FID Slots

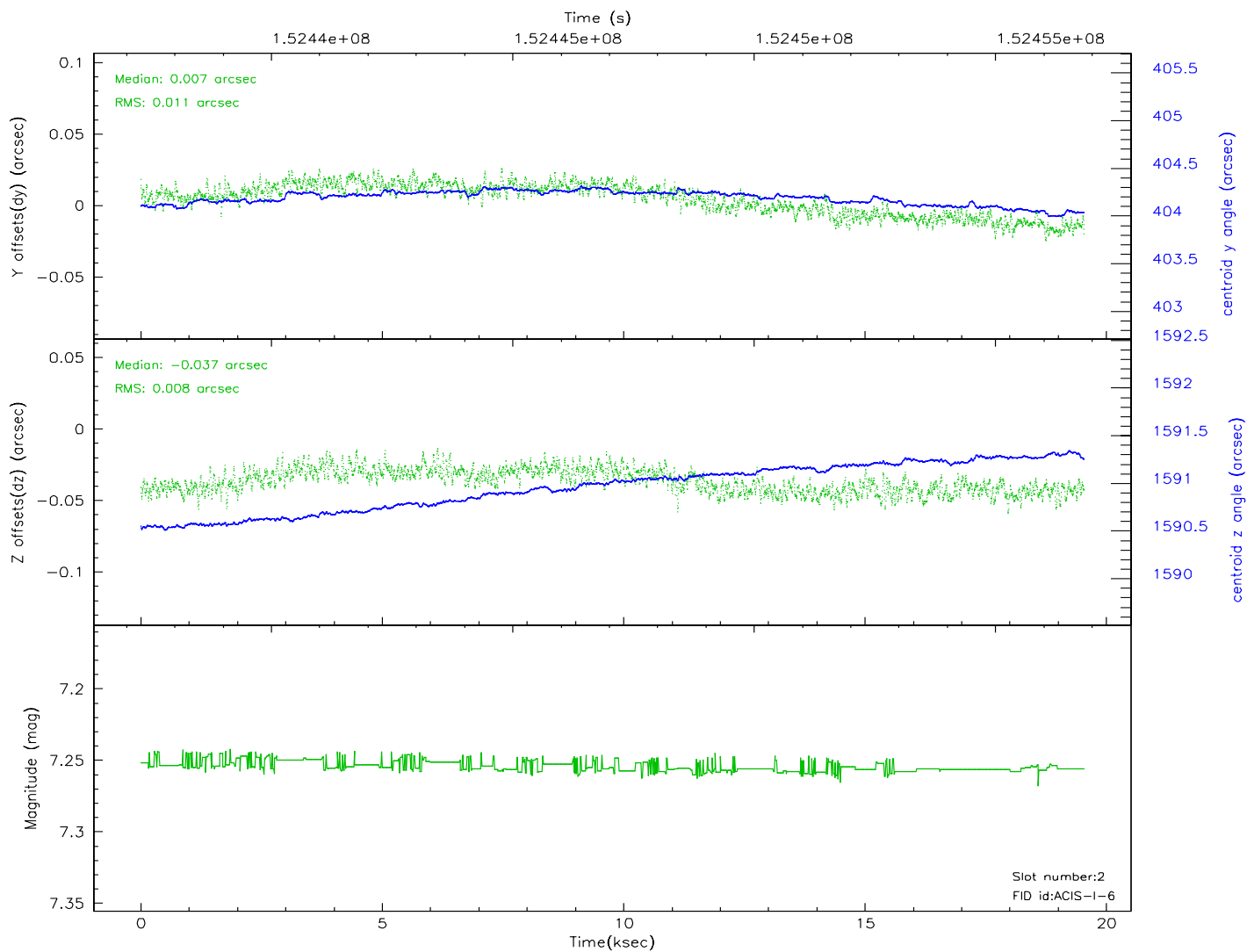
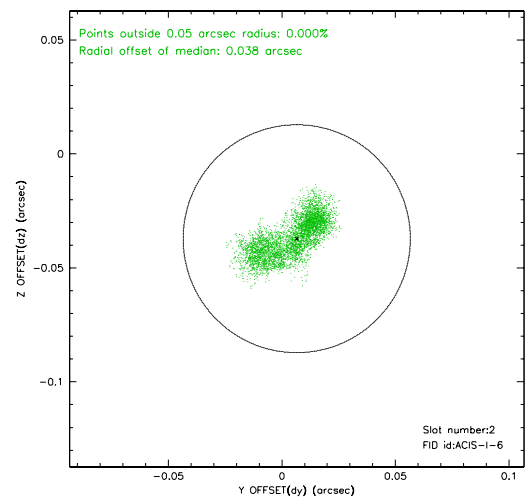
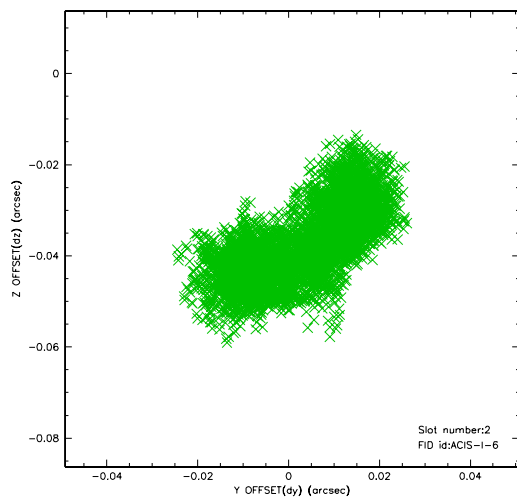
2.5.1 Slot 0



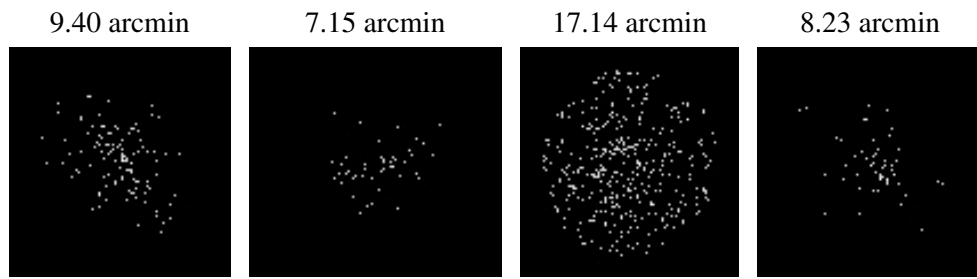
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.529

A.2 Comments