

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2915 - L2 Version 001
Chandra X-Ray Center

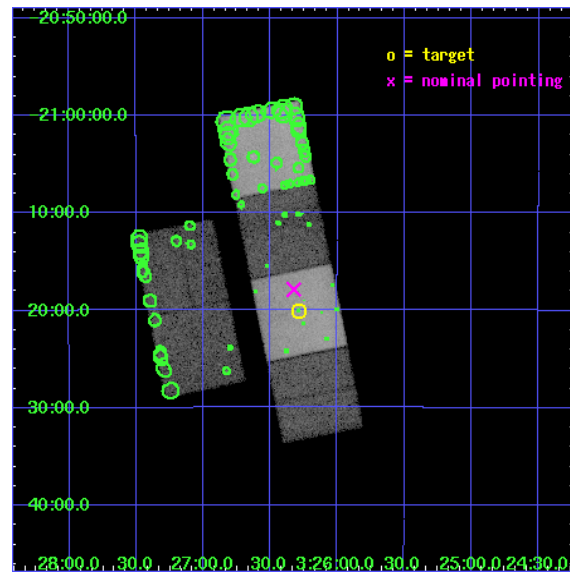
L2 Processing Date : Oct 4 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	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

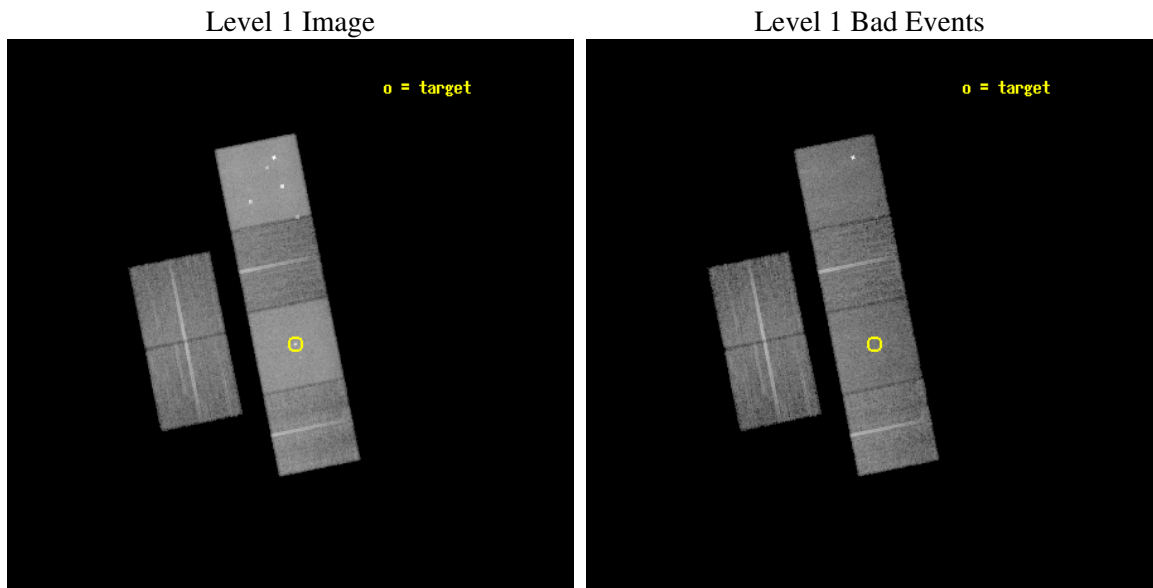
seq_num	600252
obs_id	2915
title	THE SHAPES OF DARK MATTER HALOS
observer	Prof. David Buote
object	NGC 1332
dtcycle	0
cycle	P
ra_targ	51.570833
dec_targ	-21.335833
ra_nom	51.581001892412
dec_nom	-21.297929771129
roll_nom	78.560346456626
revision	2
ontime	18515.199931026
livetime	18280.749320984
ontime2	18515.199931026
ontime3	18511.958960772
ontime5	18515.199931026
ontime6	18515.199931026
ontime7	18515.199931026
ontime8	18511.958960742
l2events	340789



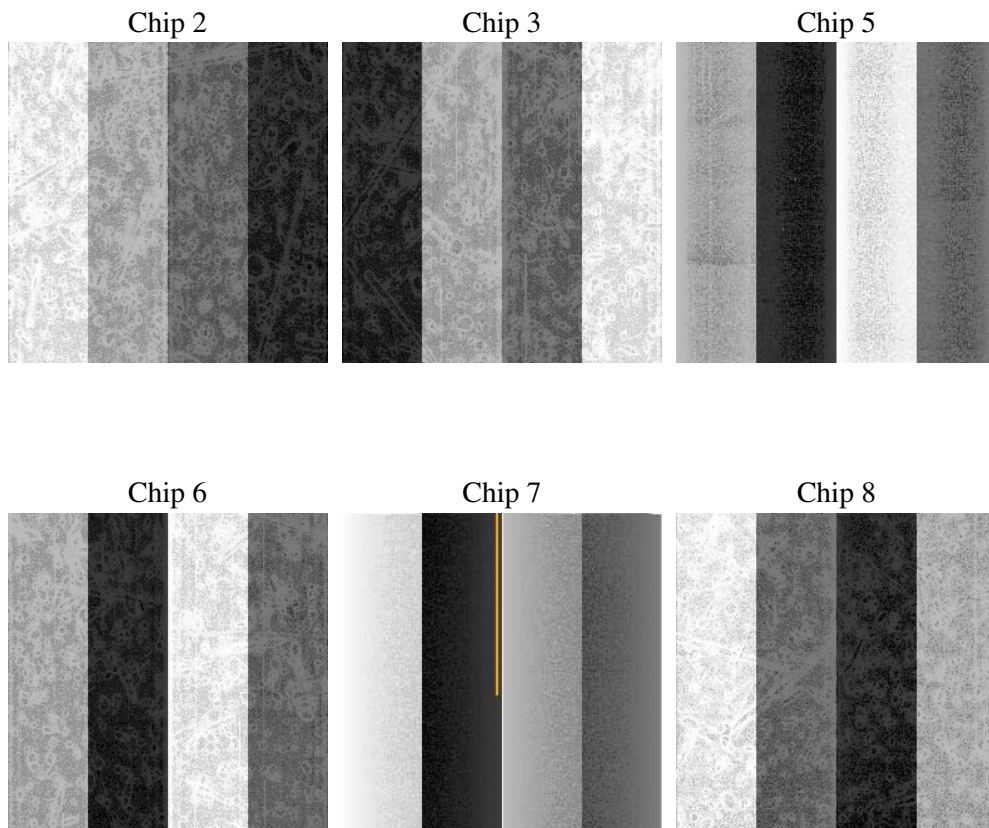
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-04T11:56:25
revision	2

sched_exp_time	18763.698000
ontime	18522.330825835
ontime2	18522.330805928
ontime3	18519.089835674
ontime5	18522.330845714
ontime6	18522.330805928
ontime7	18522.330825835
ontime8	18519.089735985
l1events	1017620

2.1.4 Events

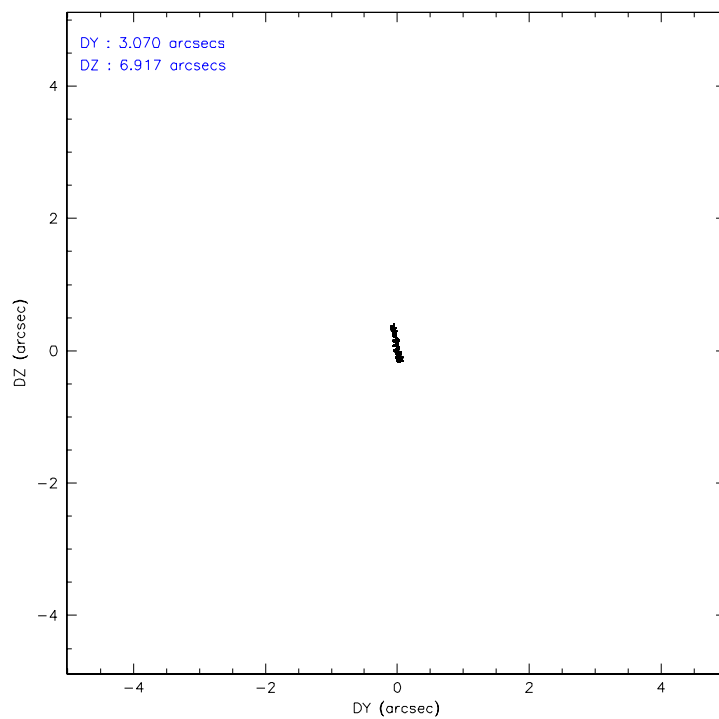
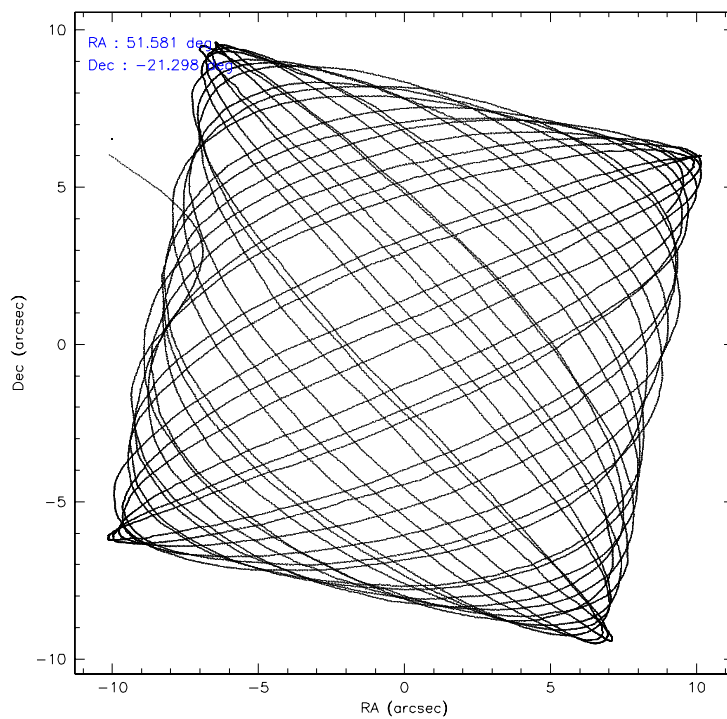
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	122087	120352	260302	126654	230071	158154
rejected events	102816	101405	107152	104394	103324	119623
rejected %	84%	84%	41%	82%	44%	75%

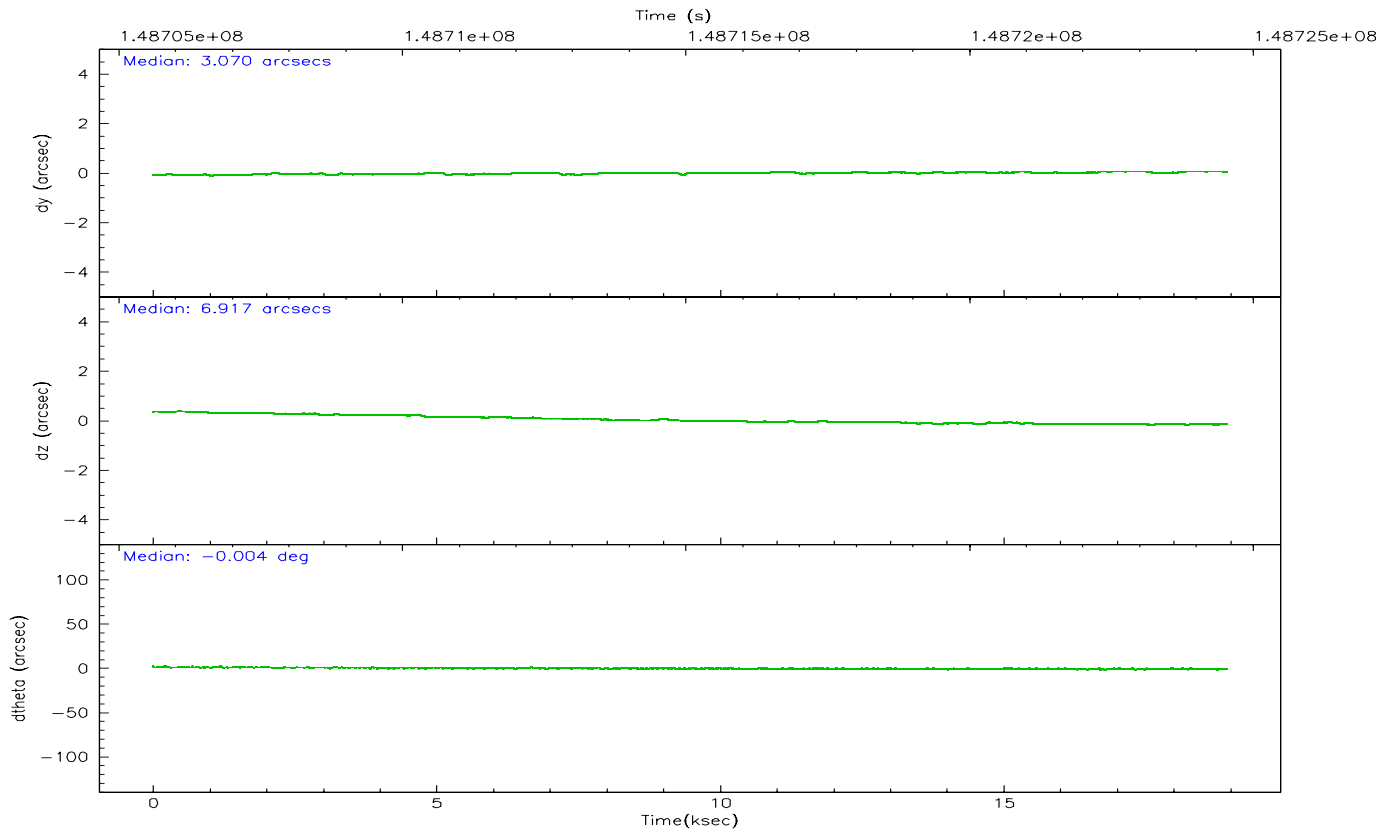
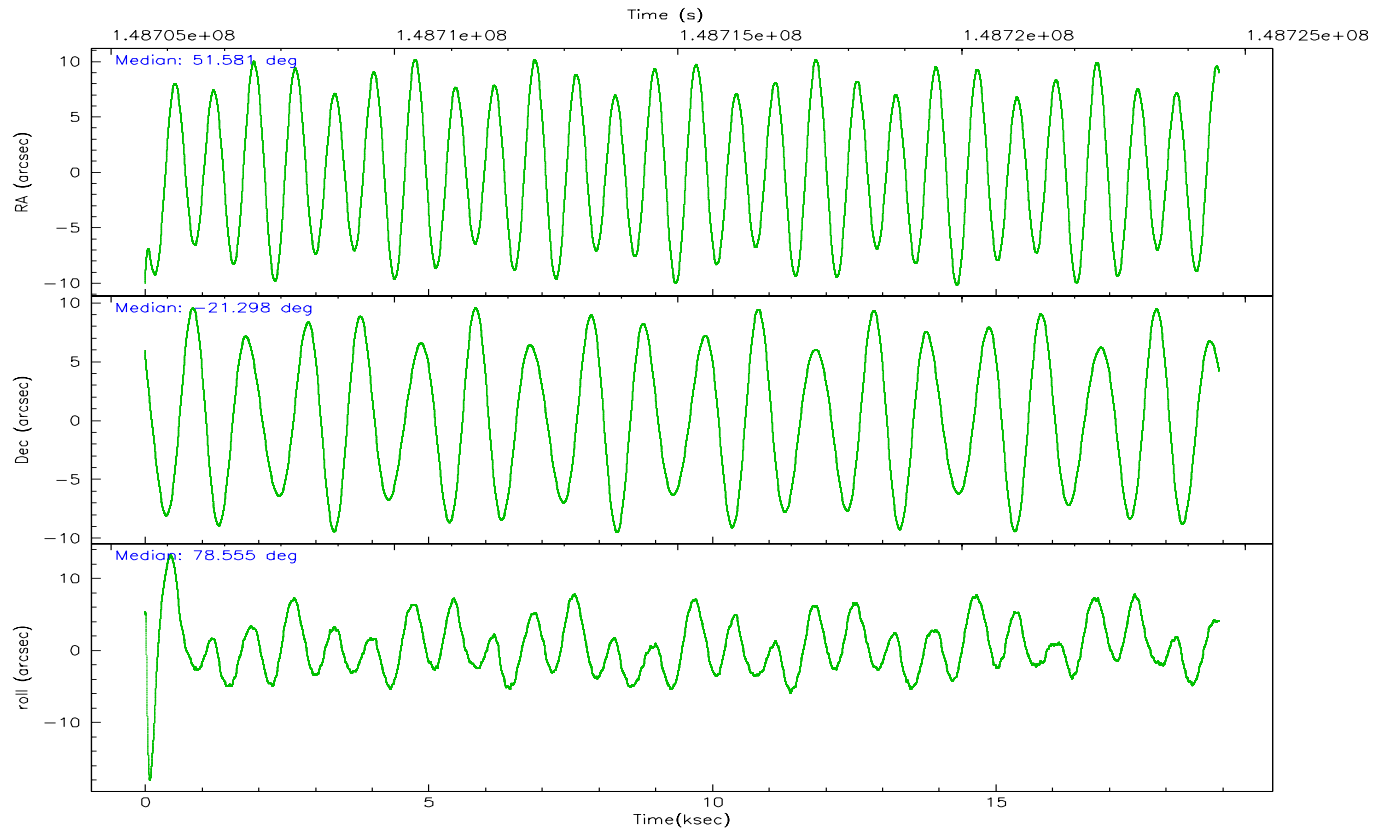
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	10749	10379	21833	12502	12183	16011
	8%	8%	8%	9%	5%	10%
grade 1 events	89	76	533	85	107	125
	0%	0%	0%	0%	0%	0%
grade 2 events	3148	3068	47777	3655	28620	7484
	2%	2%	18%	2%	12%	4%
grade 3 events	1468	1535	4978	1586	7198	3379
	1%	1%	1%	1%	3%	2%
grade 4 events	1483	1483	4788	1509	7238	3158
	1%	1%	1%	1%	3%	1%
grade 5 events	4382	4944	10129	5231	10464	6619
	3%	4%	3%	4%	4%	4%
grade 6 events	2432	2488	73828	3017	71534	8504
	1%	2%	28%	2%	31%	5%
grade 7 events	98336	96379	96436	99069	92727	112874
	80%	80%	37%	78%	40%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	51.590694	51.58100189241247	Subarray requested	NONE	NONE
Pointing Dec	-21.323637	-21.29792977112873	Alternating exposures requested	N	N
Pointing Roll	78.407221	78.56034645662589	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	148705775.184000	148704964.65295			
Observation start date	2002-09-18T03:08:31	2002-09-18T02:56:04			
Observation end time	148724538.184000	148724853.24127			
Observation end date	2002-09-18T08:21:14	2002-09-18T08:27:33			
Read mode	TIMED	TIMED			

2.3 Aspect



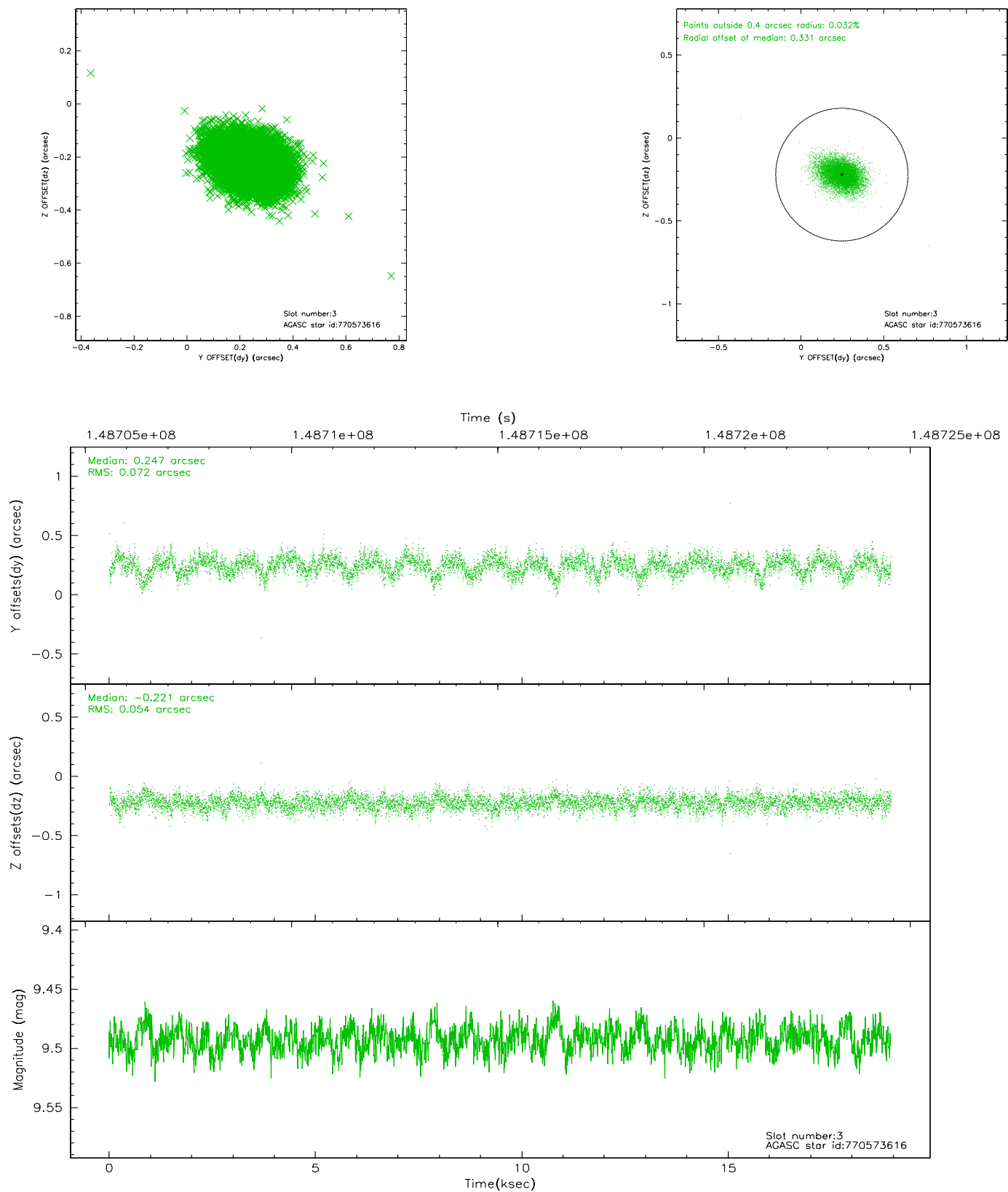


Slot Statistics

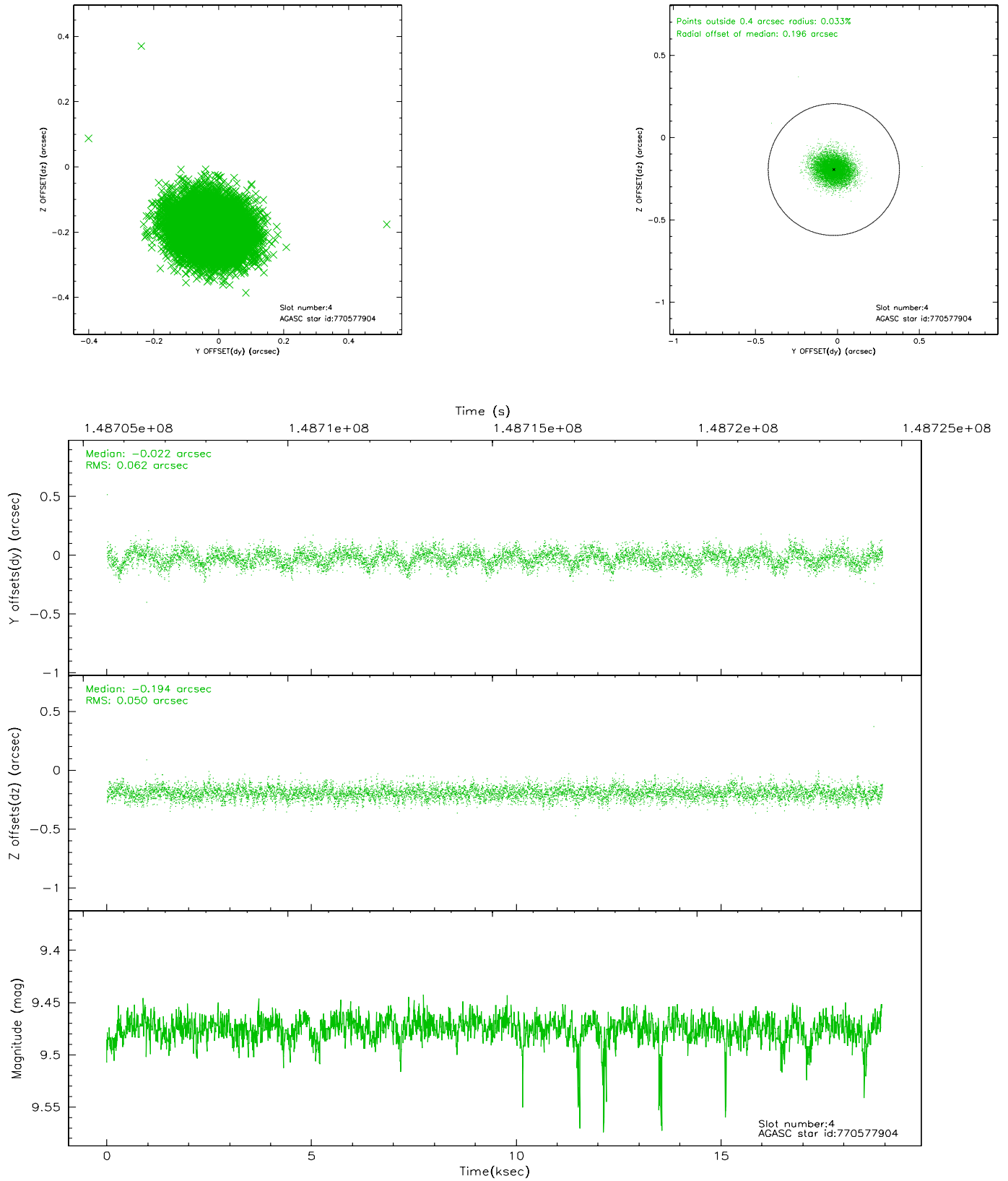
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	4620	-0.011	0.025	0.008	0.014	0.000000	0.000000	-755.71	-1728.06
1	FID	ACIS-S-4	7.20	4620	-0.043	-0.001	0.007	0.013	0.000000	0.000000	2157.43	180.20
2	FID	ACIS-S-5	7.24	4617	0.023	-0.015	0.006	0.011	0.000000	0.000000	-1808.26	174.07
3	GUIDE	770573616	9.49	9231	0.247	-0.221	0.094	0.158	51.694921	-21.667566	-1142.49	-591.42
4	GUIDE	770577904	9.47	9222	-0.022	-0.194	0.084	0.136	51.566611	-20.775173	1917.86	475.43
5	GUIDE	770579504	10.11	9106	-0.094	0.034	0.133	0.207	52.151381	-20.838808	2085.94	-1498.27
6	GUIDE	770581880	9.64	9238	-0.018	0.149	0.098	0.161	52.016479	-20.947102	1614.13	-1130.89
7	GUIDE	770581640	7.85	9241	-0.105	0.235	0.062	0.099	52.322400	-21.371182	320.10	-2439.10

2.4 Star Slots

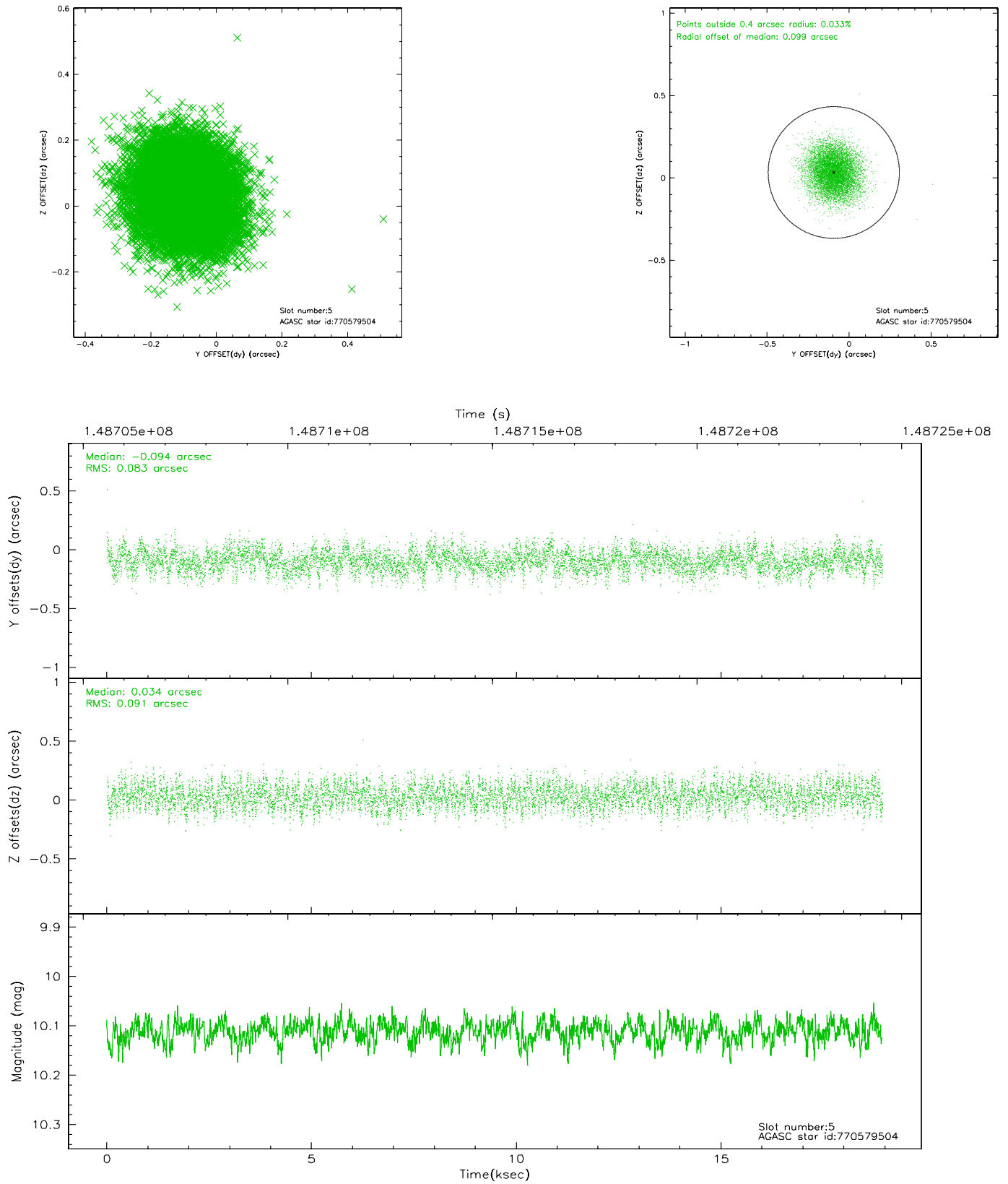
2.4.1 Slot 3



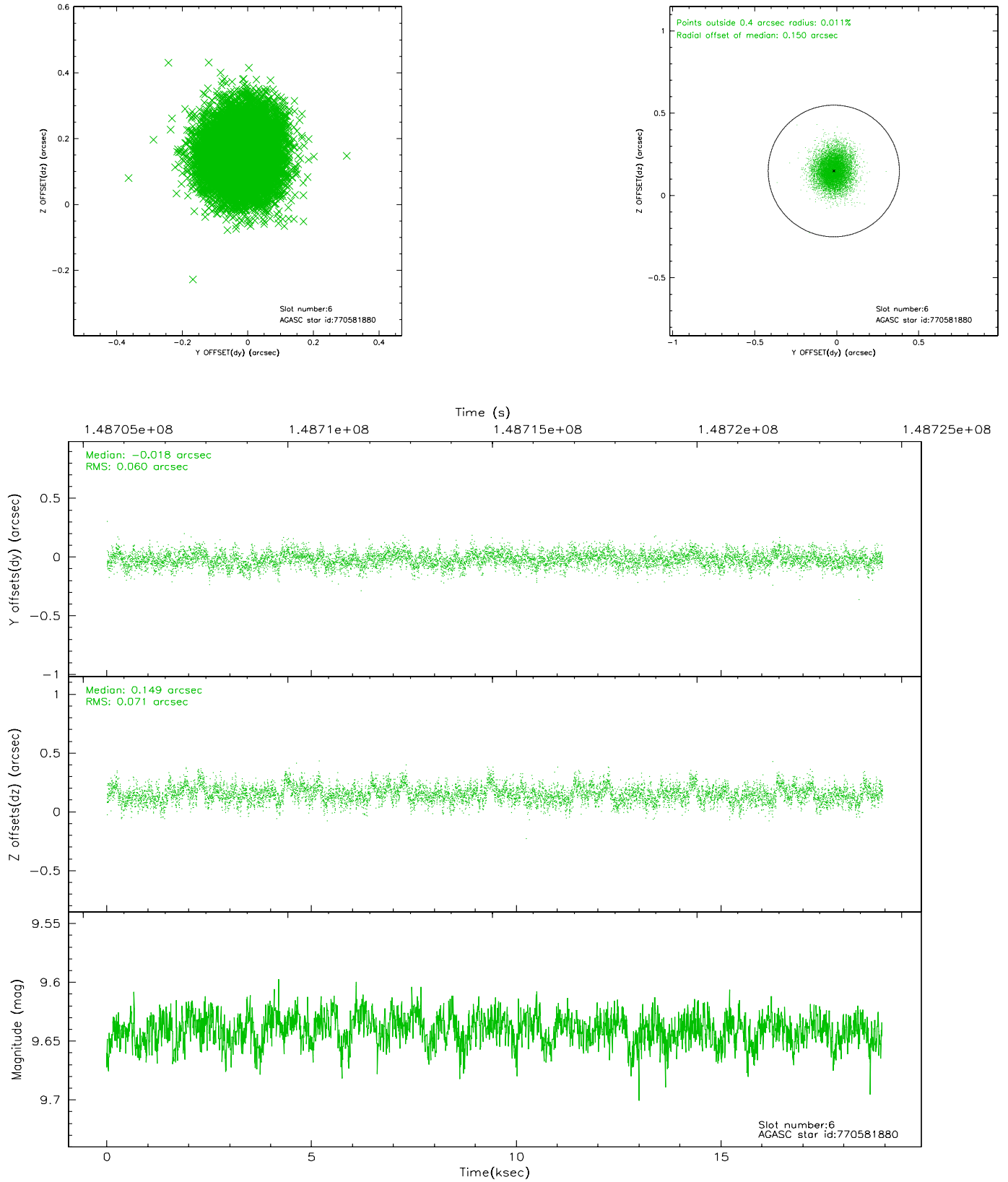
2.4.2 Slot 4



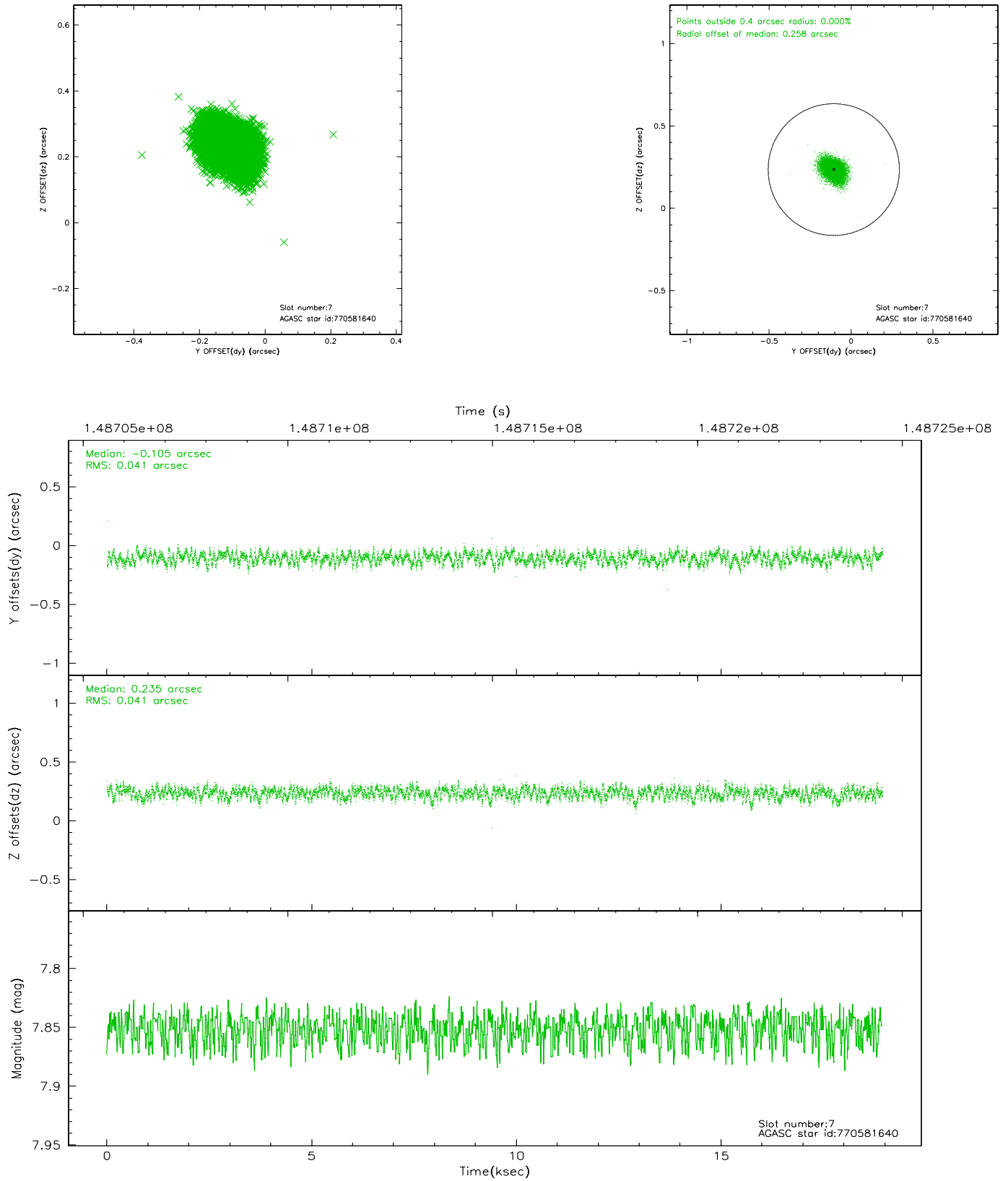
2.4.3 Slot 5



2.4.4 Slot 6

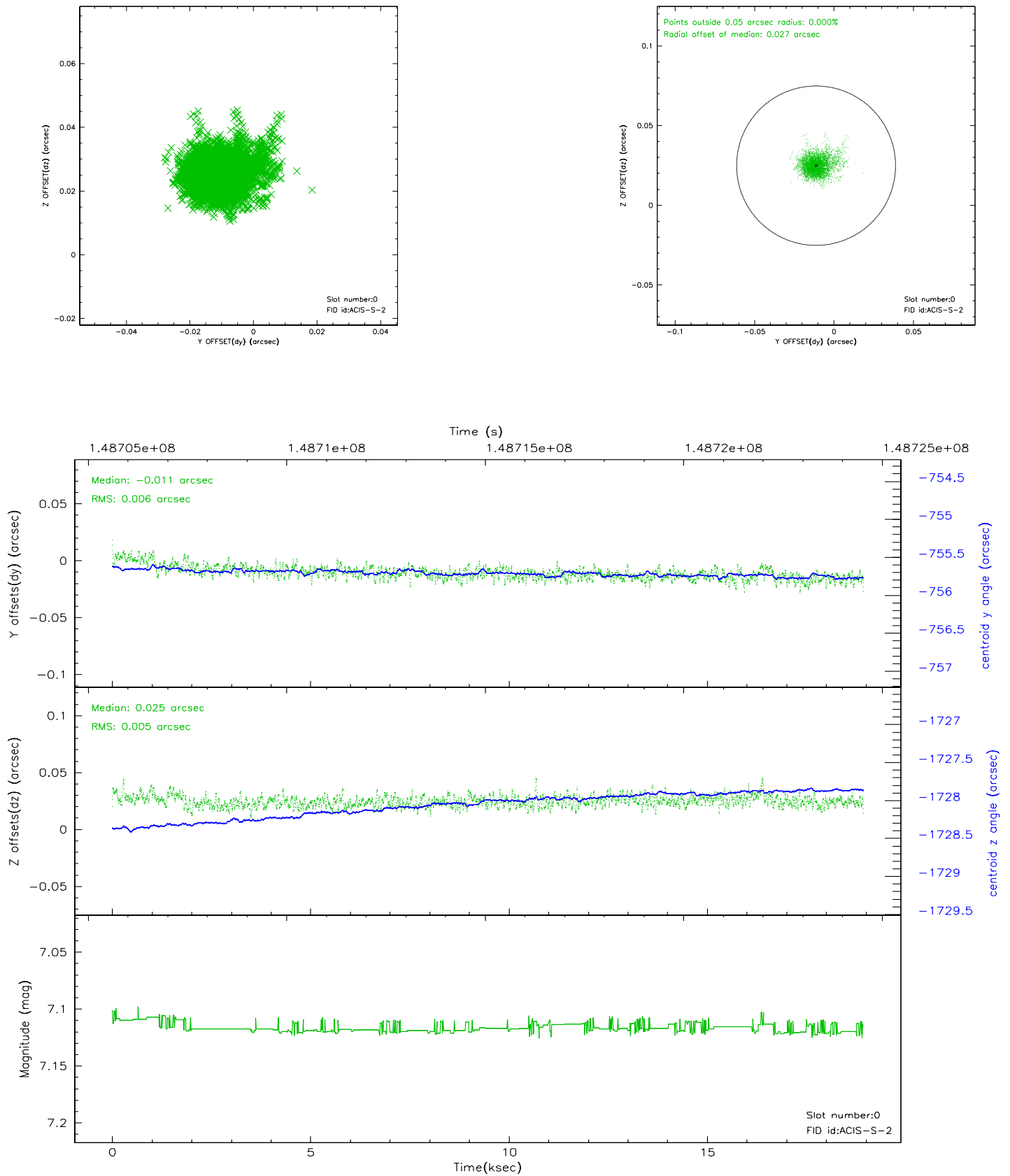


2.4.5 Slot 7

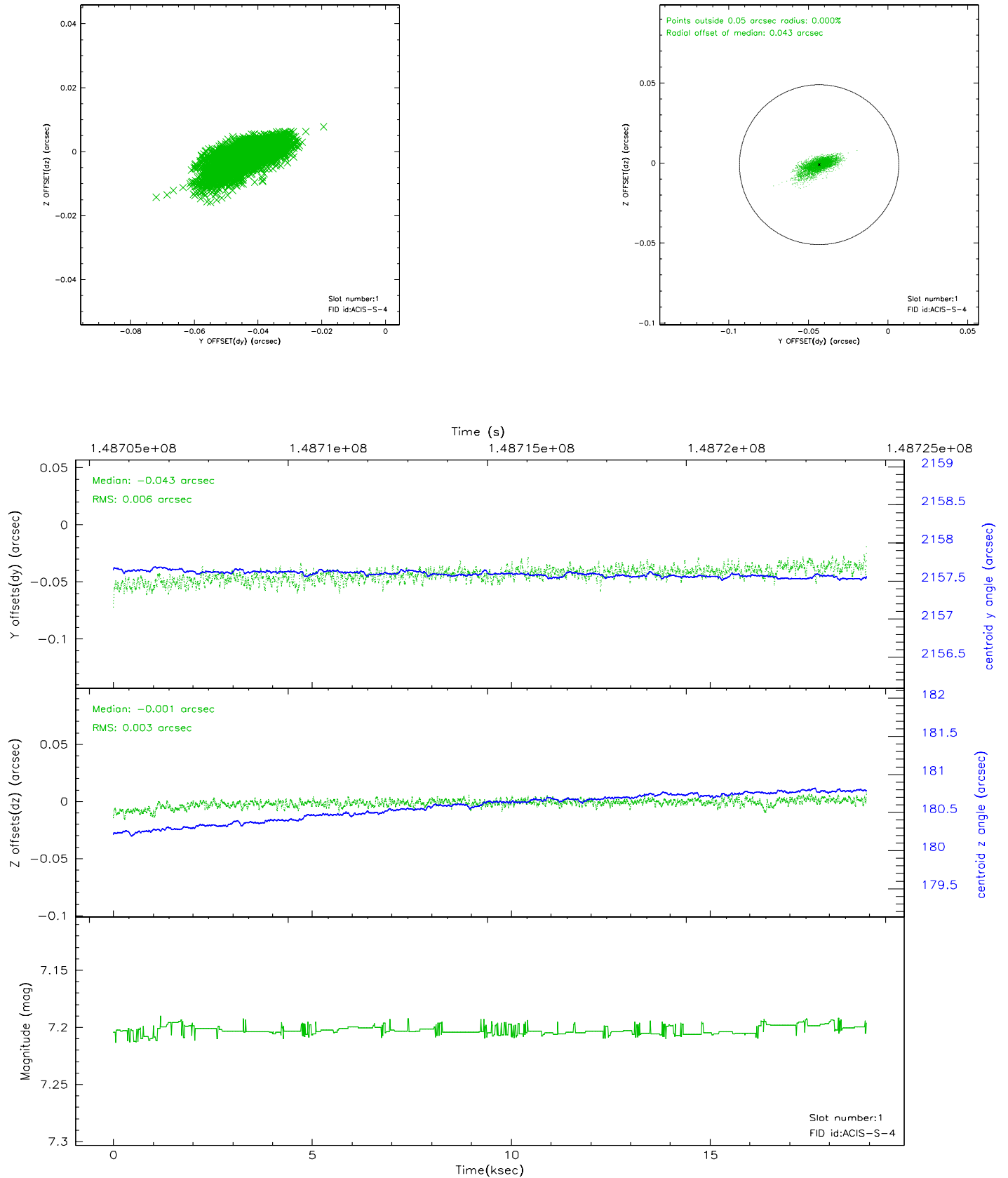


2.5 FID Slots

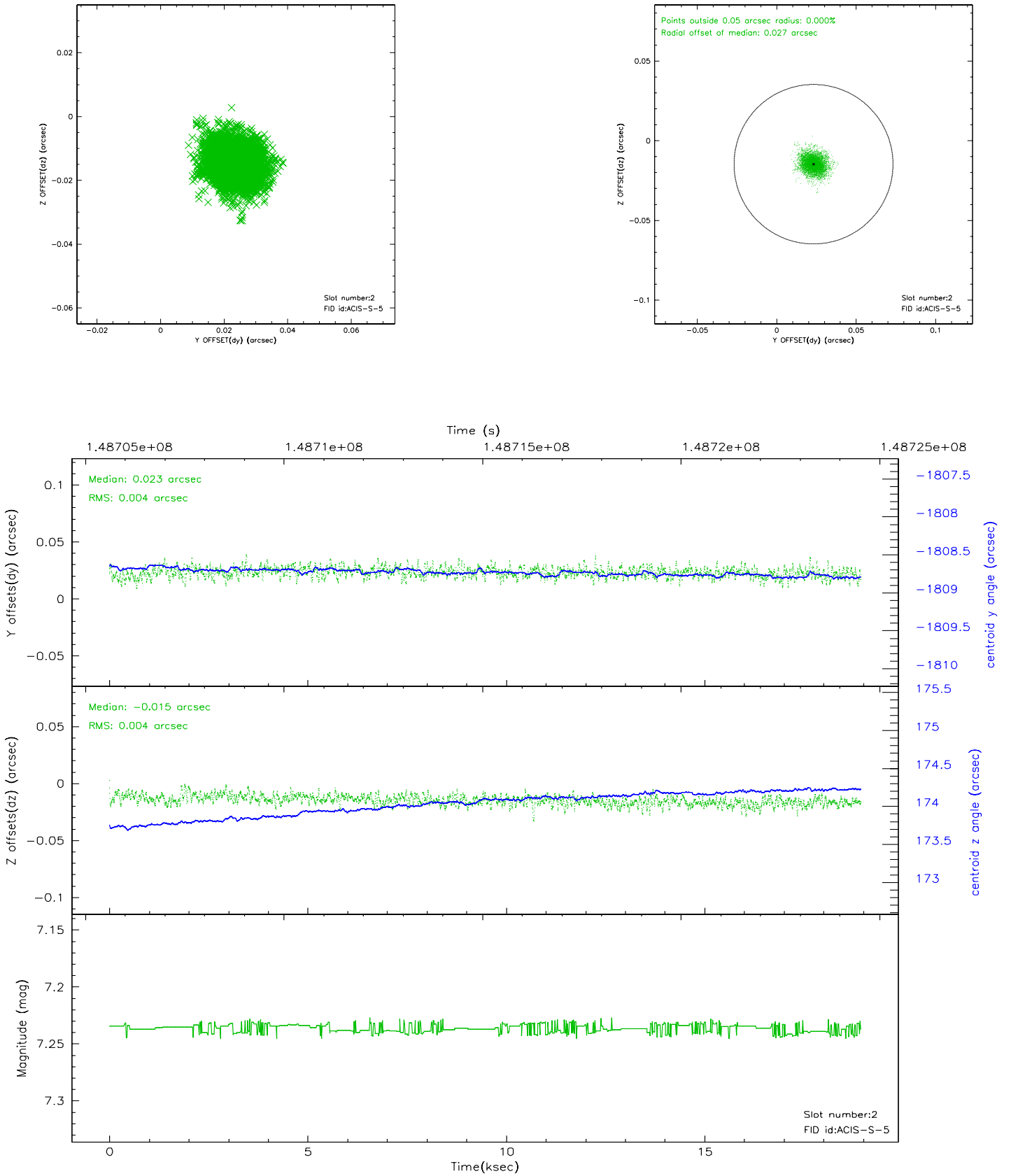
2.5.1 Slot 0



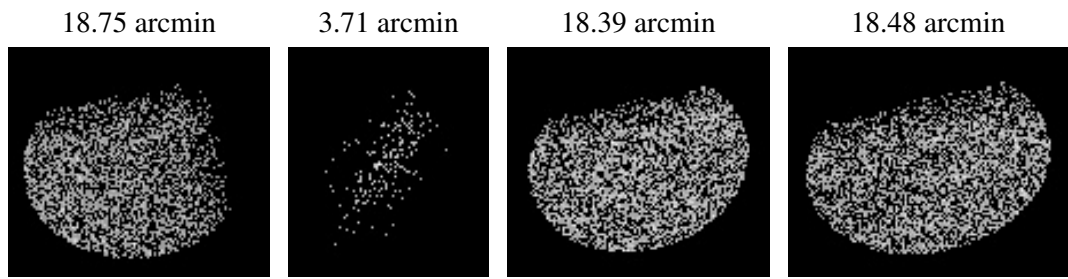
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.518

A.2 Comments