

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2551 - L2 Version 001
Chandra X-Ray Center

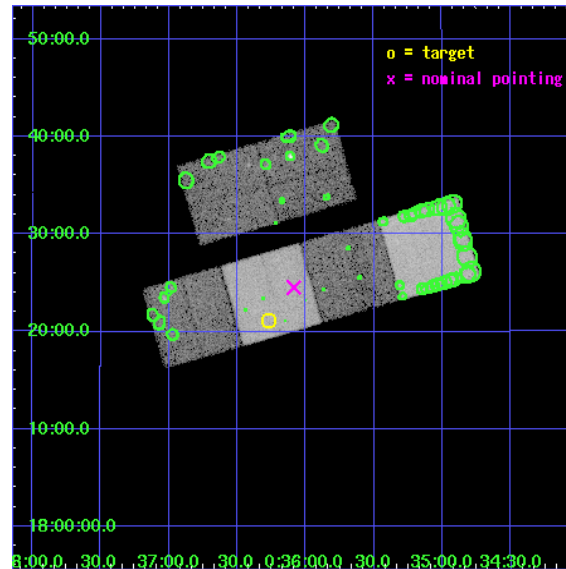
L2 Processing Date : Oct 5 2006

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1 Front

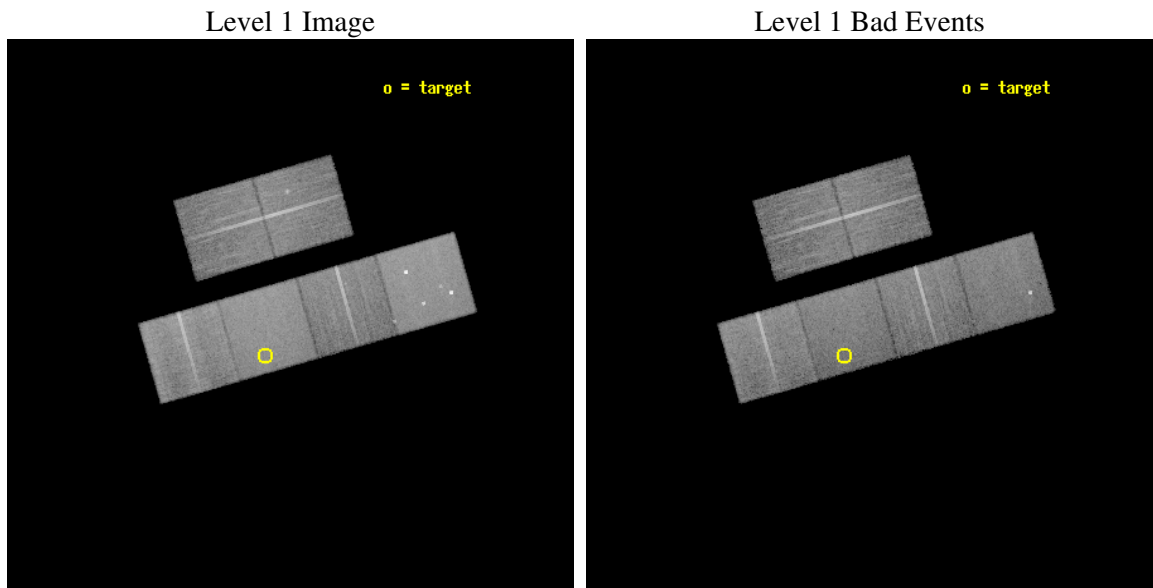
seq_num	200159
obs_id	2551
title	STELLAR CORONAE AT THE BOTTOM OF THE MAIN SEQUENCE: A MULTI-WAVELENGTH STUDY
observer	Prof. Robert Rutledge
object	2MASSW0036+18
dtcycle	0
cycle	P
ra_targ	9.066667
dec_targ	18.352778
ra_nom	9.0215020887539
dec_nom	18.409143115095
roll_nom	163.98193422161
revision	2
ontime	21756.79991895
livetime	21481.302218004
ontime2	21756.79991895
ontime3	21756.79991895
ontime5	21756.79991895
ontime6	21756.79991895
ontime7	21756.79991895
ontime8	21753.558938682
l2events	204316



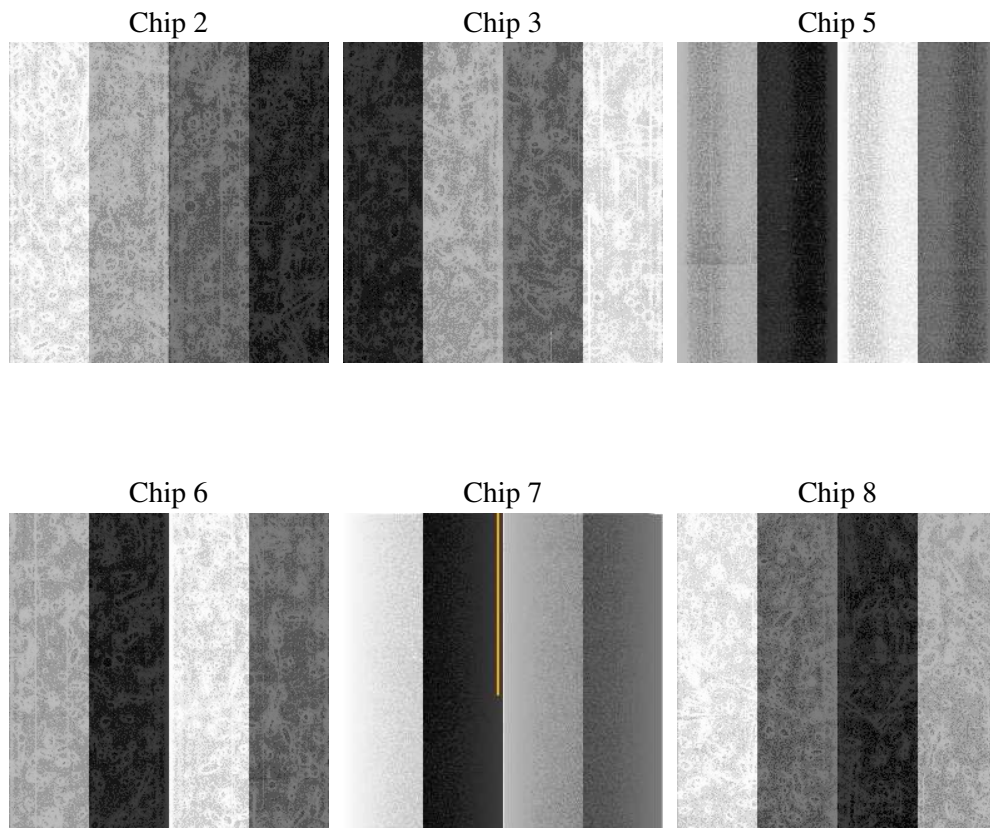
2 OBI

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	2006-10-05T16:13:45
revision	2

sched_exp_time	22000.000000
ontime	21763.367430806
ontime2	21763.367430806
ontime3	21763.367430806
ontime5	21763.367430806
ontime6	21763.367430806
ontime7	21763.367430806
ontime8	21760.126370907
l1events	959692

2.1.4 Events

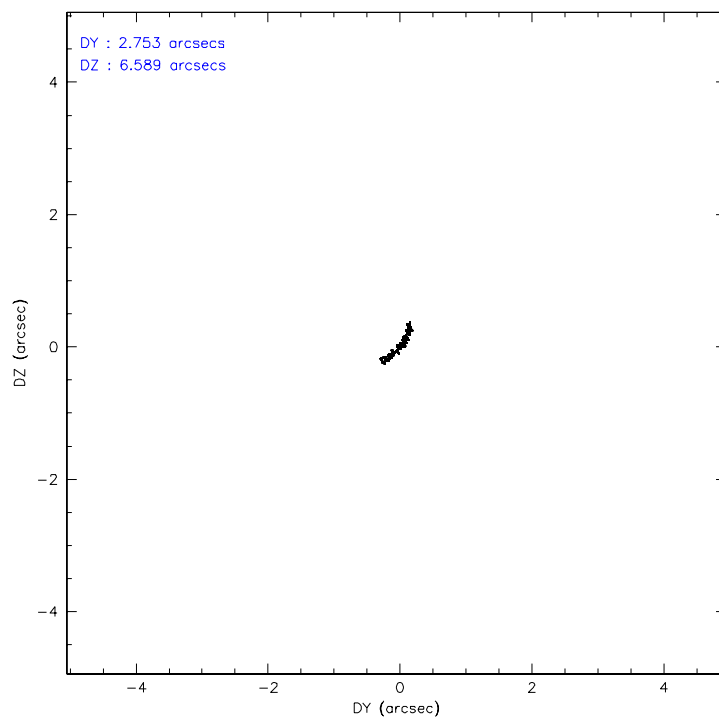
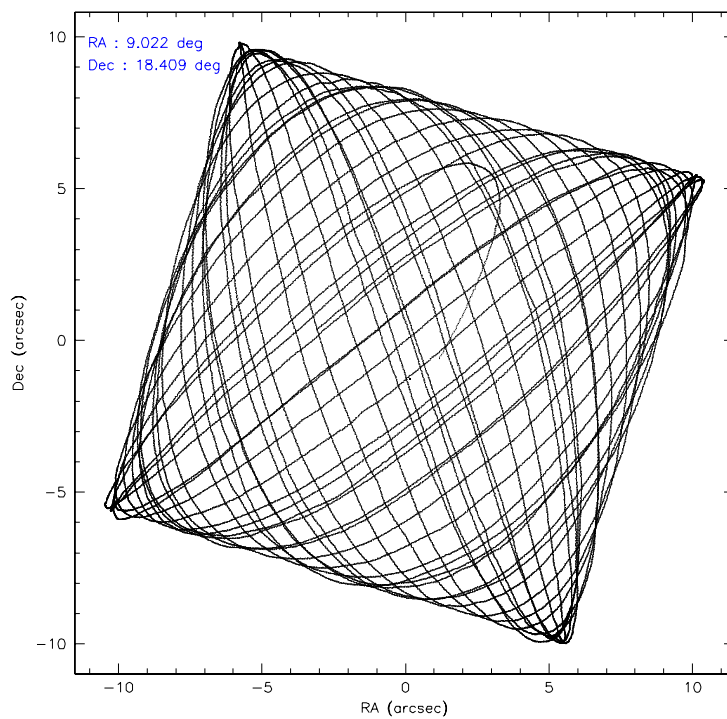
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	138794	131152	200994	138291	177319	173142
rejected events	121852	115228	111271	121983	110060	136188
rejected %	87%	87%	55%	88%	62%	78%

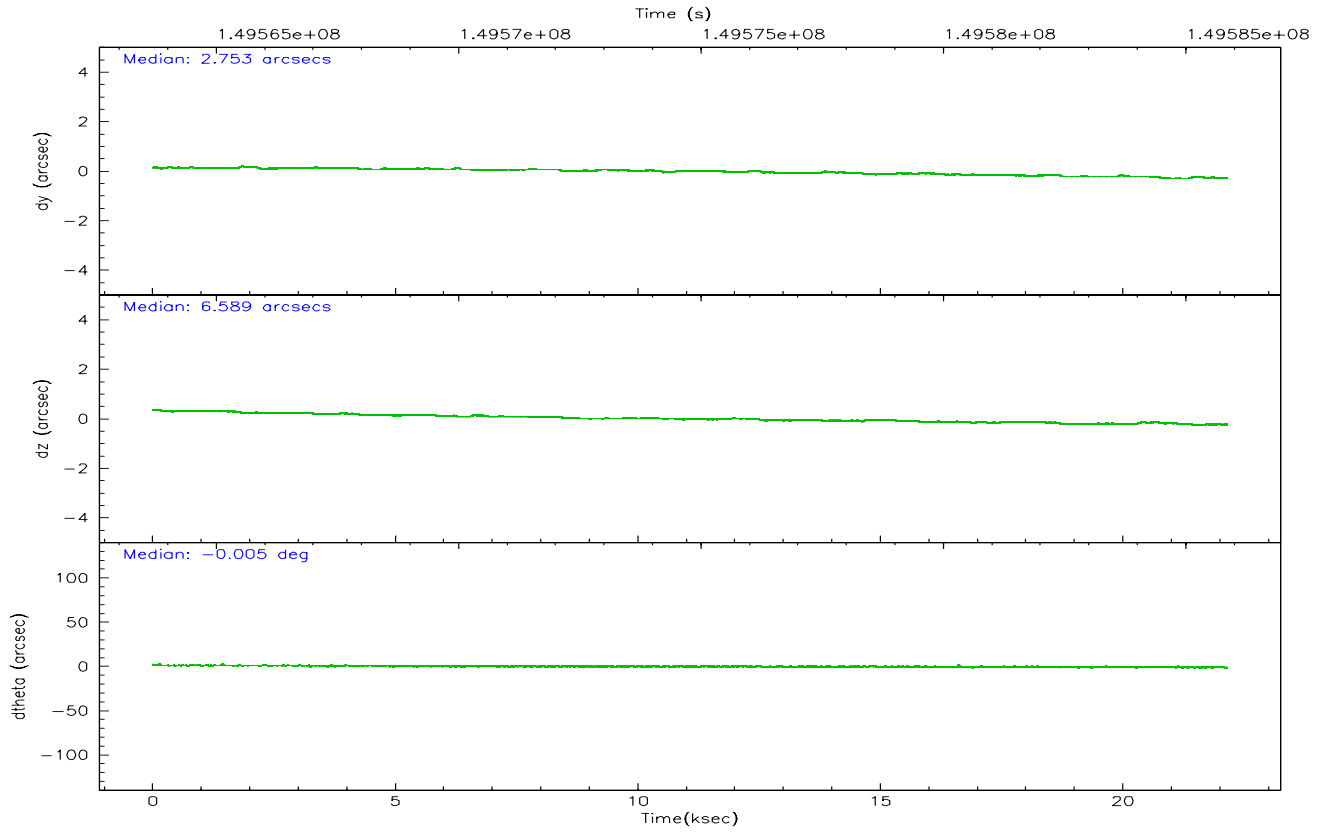
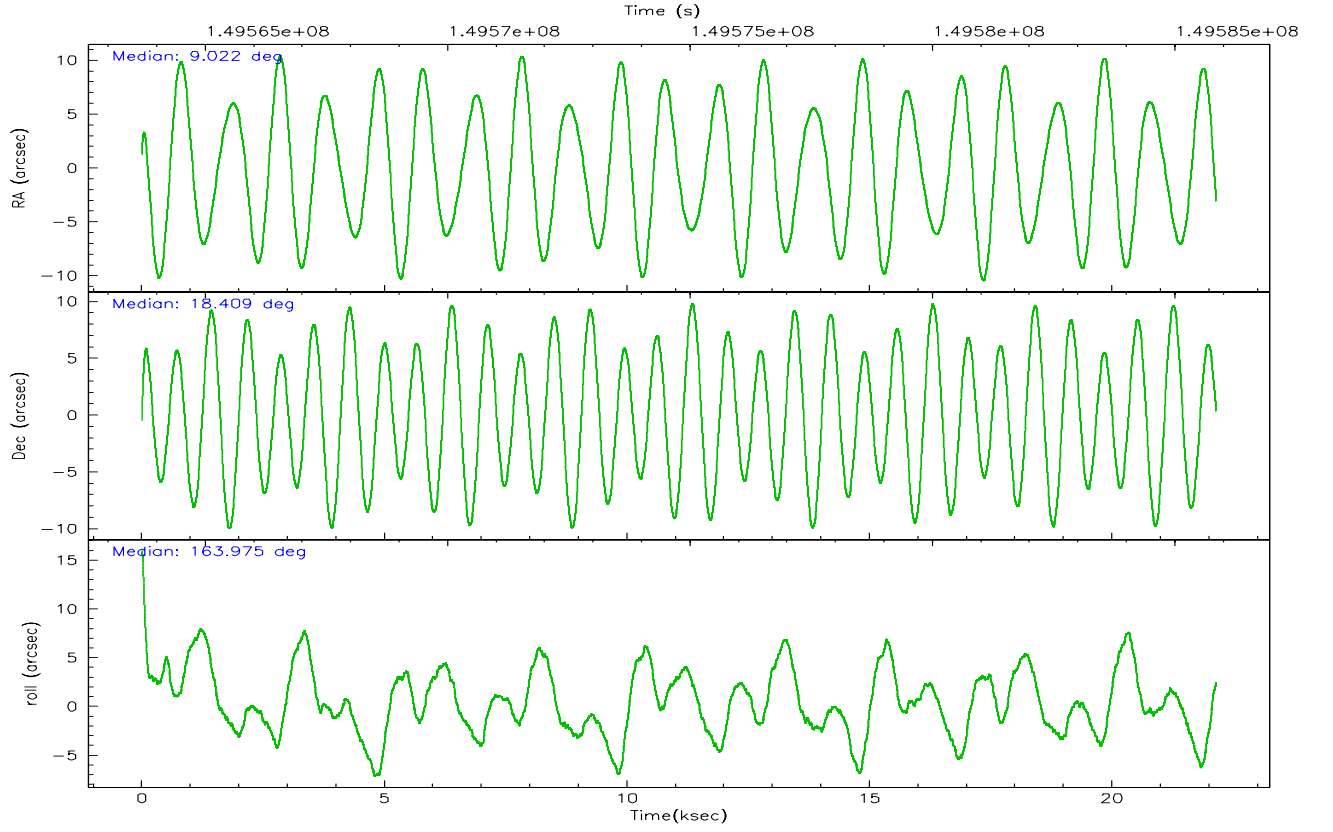
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	7921	7206	9892	6407	3866	11787
	5%	5%	4%	4%	2%	6%
grade 1 events	80	75	194	64	107	100
	0%	0%	0%	0%	0%	0%
grade 2 events	3319	2972	26688	3362	16753	7754
	2%	2%	13%	2%	9%	4%
grade 3 events	1519	1537	2555	1641	3539	4132
	1%	1%	1%	1%	1%	2%
grade 4 events	1541	1538	1830	1600	3374	3713
	1%	1%	0%	1%	1%	2%
grade 5 events	5301	5637	10676	5985	11816	7734
	3%	4%	5%	4%	6%	4%
grade 6 events	2644	2673	48797	3305	39747	9569
	1%	2%	24%	2%	22%	5%
grade 7 events	116469	109514	100362	115927	98117	128353
	83%	83%	49%	83%	55%	74%

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	9.049260	9.021502088753905	Subarray requested	NONE	NONE
Pointing Dec	18.416054	18.40914311509499	Alternating exposures requested	N	N
Pointing Roll	163.816529	163.9819342216112	Primary exposure time	0.000000	3.2
Window start time	146707264.184000	146707264.184000			
Window stop time	151977664.184000	151977664.184000			
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	149563848.184000	149562649.83845			
Observation start date	2002-09-28T01:29:44	2002-09-28T01:10:49			
Observation end time	149585848.184000	149586971.55196			
Observation end date	2002-09-28T07:36:24	2002-09-28T07:56:11			
Read mode	TIMED	TIMED			

2.3 Aspect



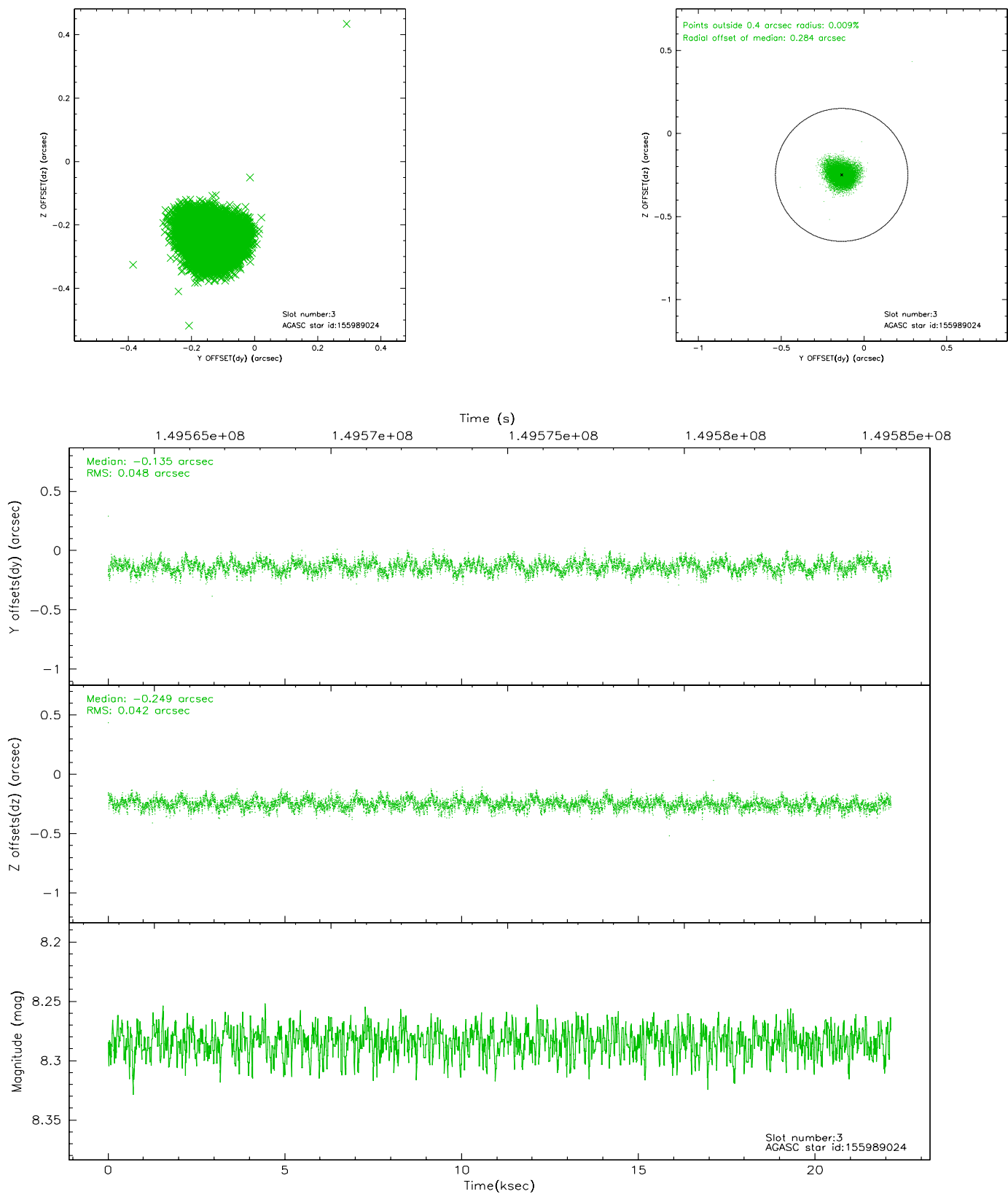


Slot Statistics

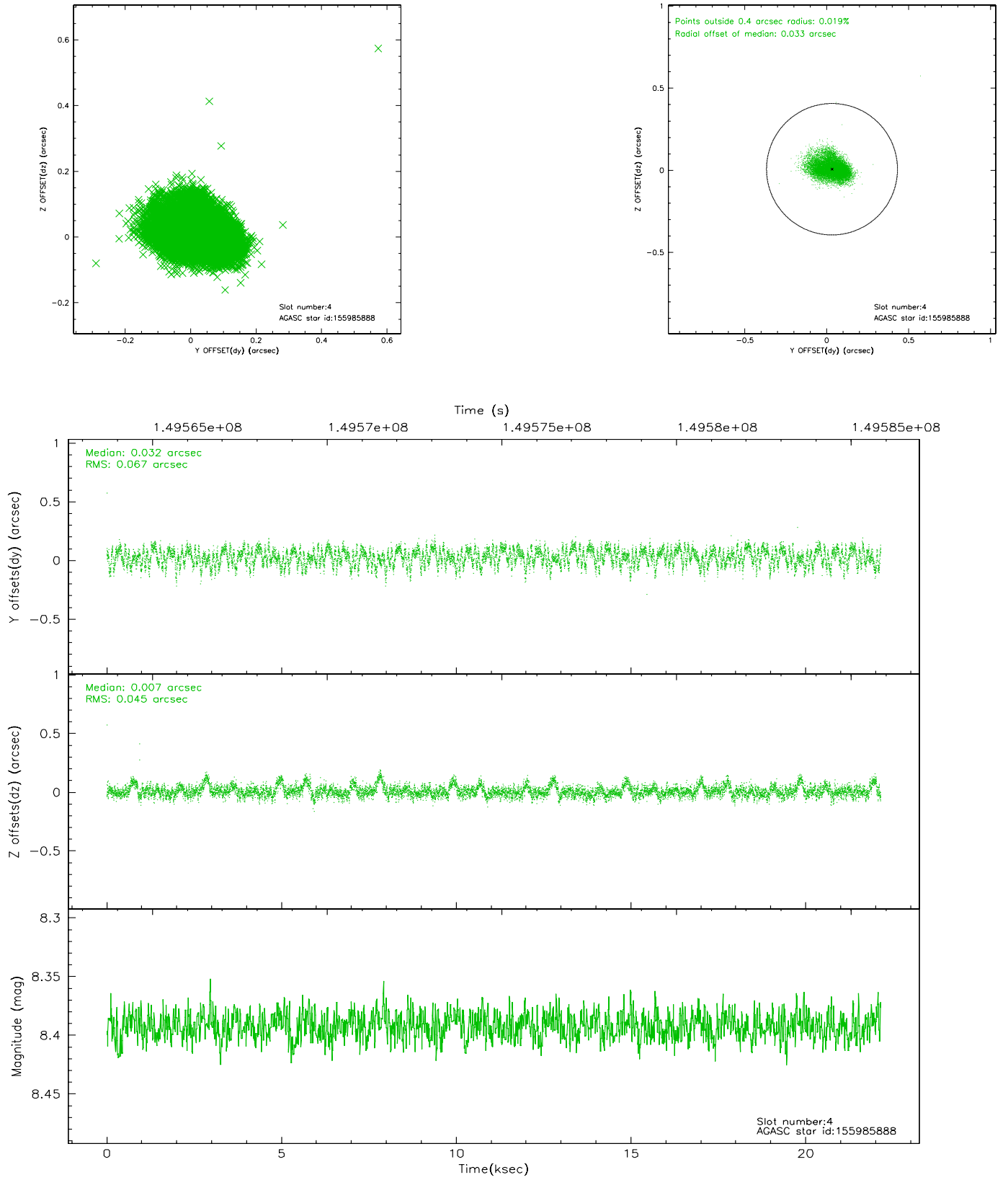
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	5402	-0.021	0.029	0.008	0.013	0.000000	0.000000	-755.36	-1727.68
1	FID	ACIS-S-4	7.20	5402	-0.050	0.002	0.005	0.009	0.000000	0.000000	2157.79	180.65
2	FID	ACIS-S-5	7.24	5401	0.039	-0.022	0.009	0.014	0.000000	0.000000	-1807.97	174.42
3	GUIDE	155989024	8.28	10804	-0.135	-0.249	0.069	0.108	8.316715	17.959359	1952.30	2274.09
4	GUIDE	155985888	8.39	10798	0.032	0.007	0.085	0.138	8.612937	19.083305	2096.22	-1893.85
5	GUIDE	155980784	8.74	10802	0.065	0.031	0.090	0.139	8.486301	18.788064	2217.13	-753.37
6	GUIDE	155981496	9.44	10796	-0.004	0.046	0.127	0.216	8.903668	19.084998	1147.64	-2174.04
7	GUIDE	155982120	9.46	10796	0.043	0.176	0.102	0.160	9.463684	18.900815	-868.13	-2070.41

2.4 Star Slots

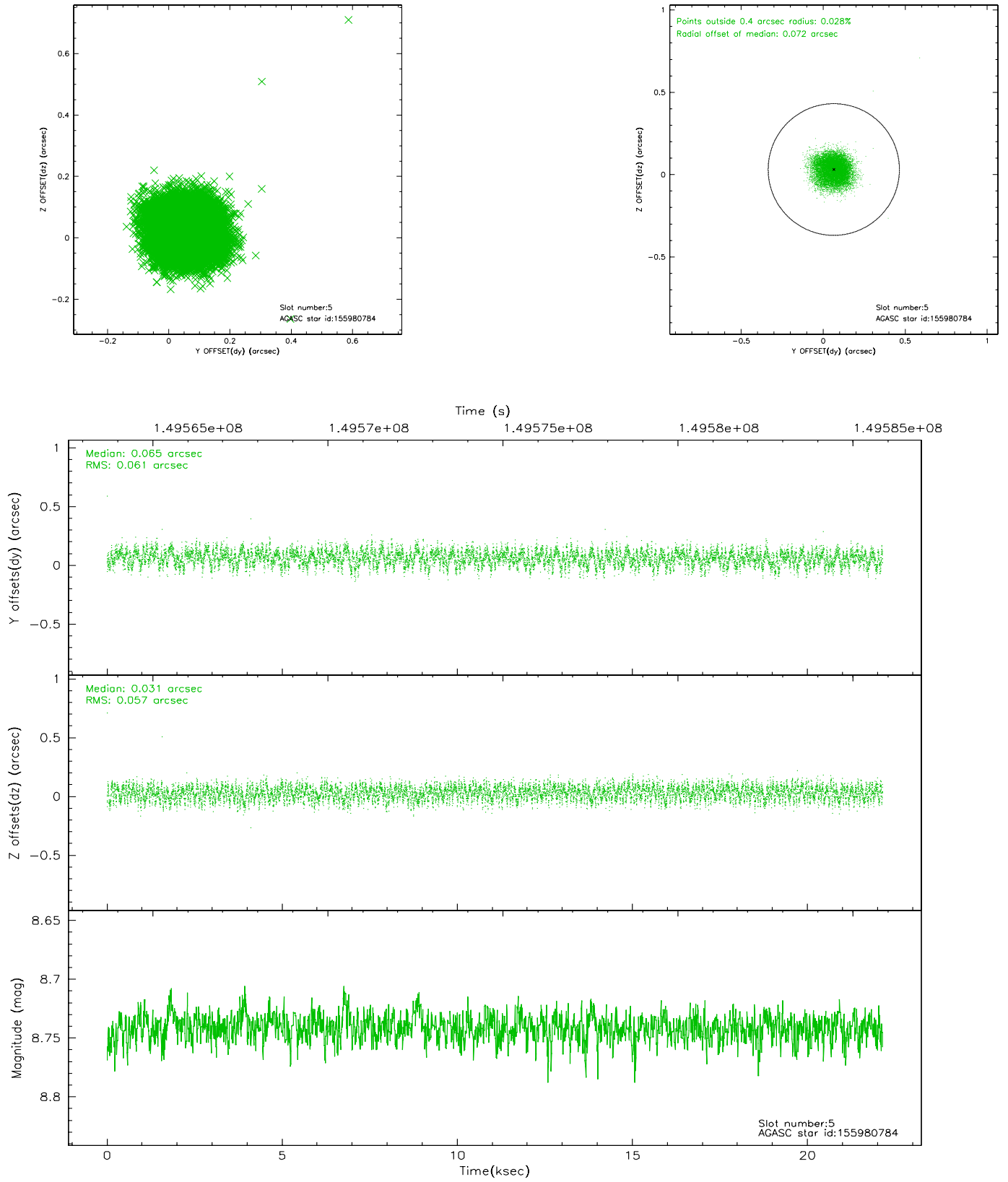
2.4.1 Slot 3



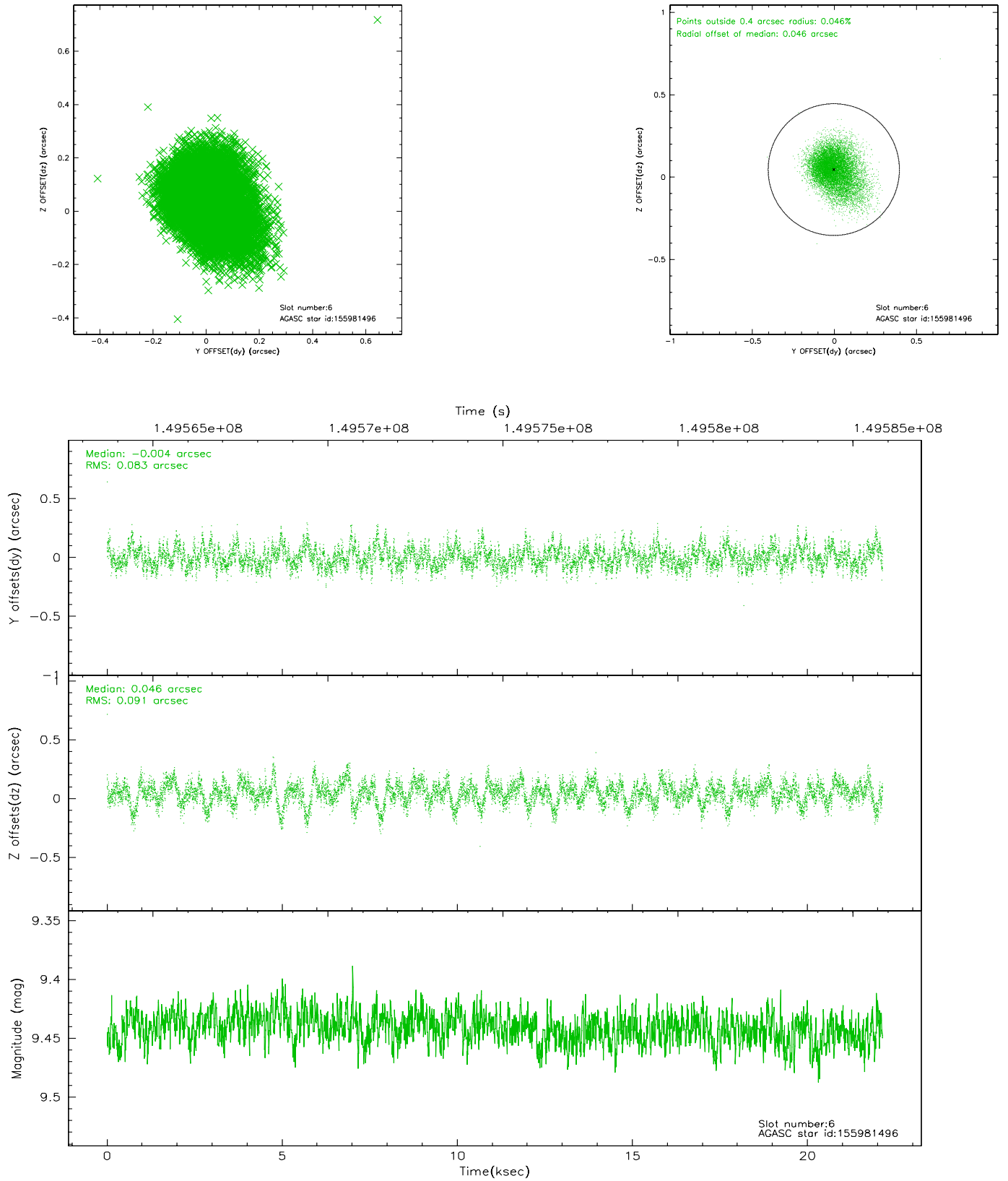
2.4.2 Slot 4



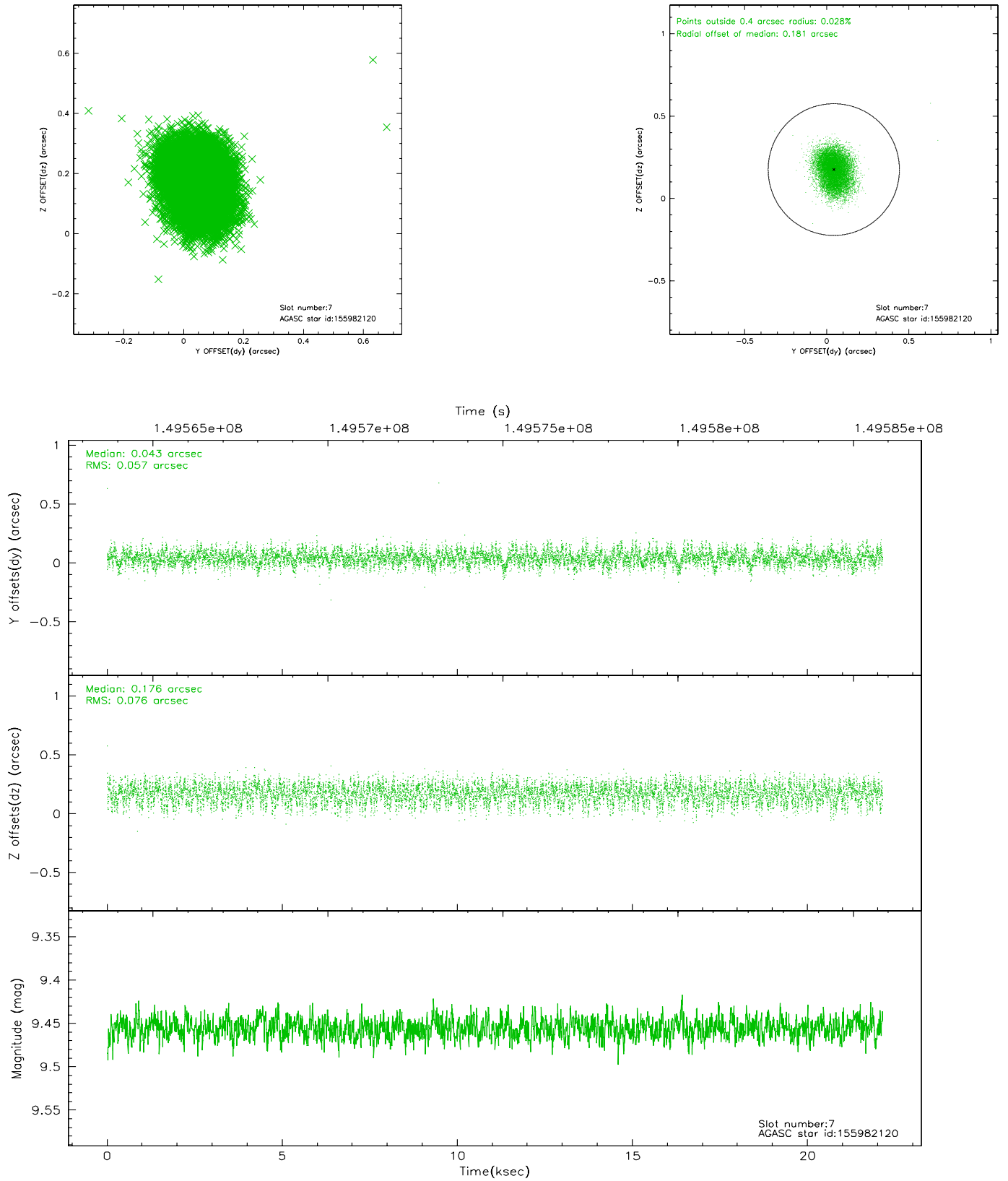
2.4.3 Slot 5



2.4.4 Slot 6

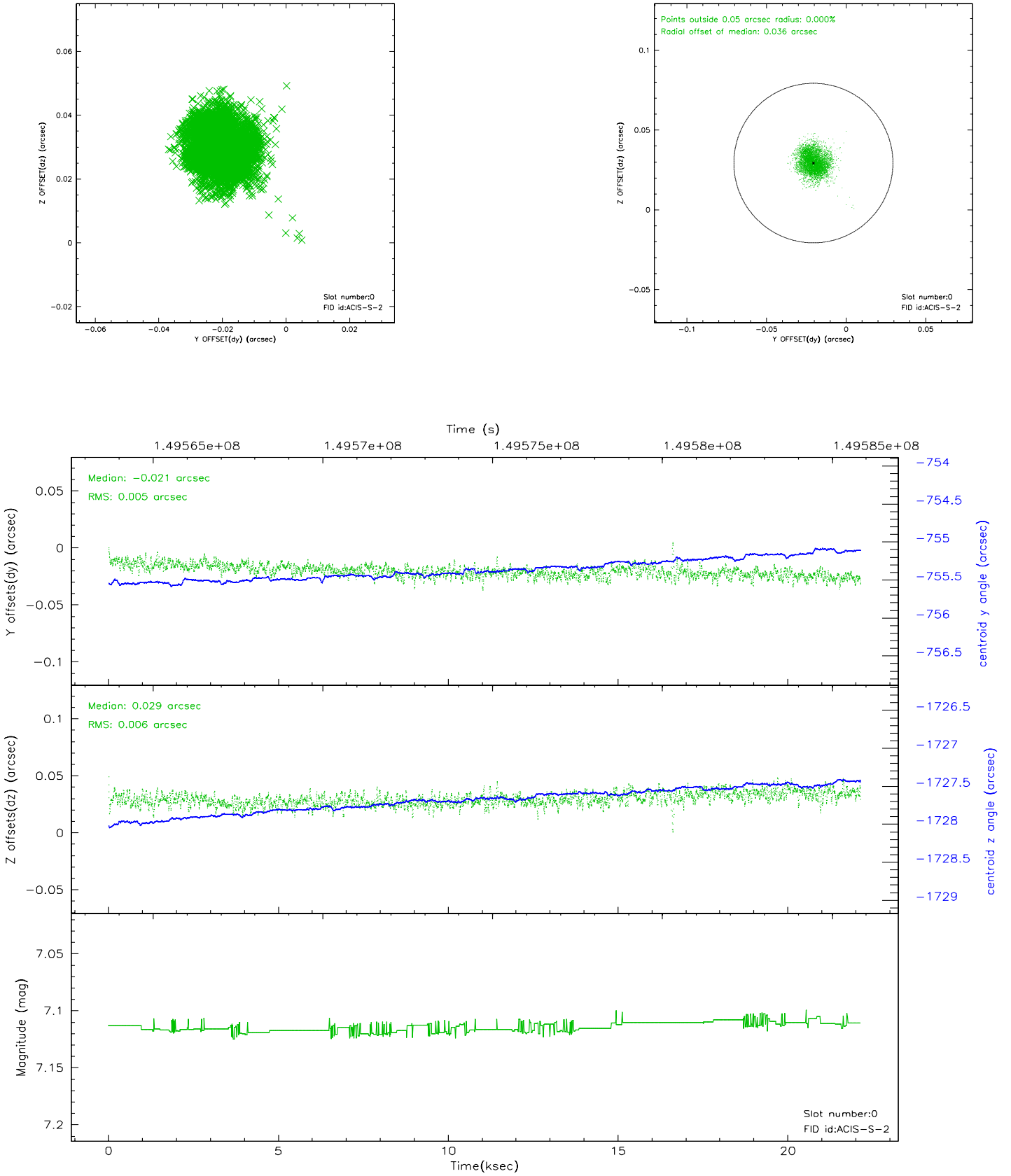


2.4.5 Slot 7

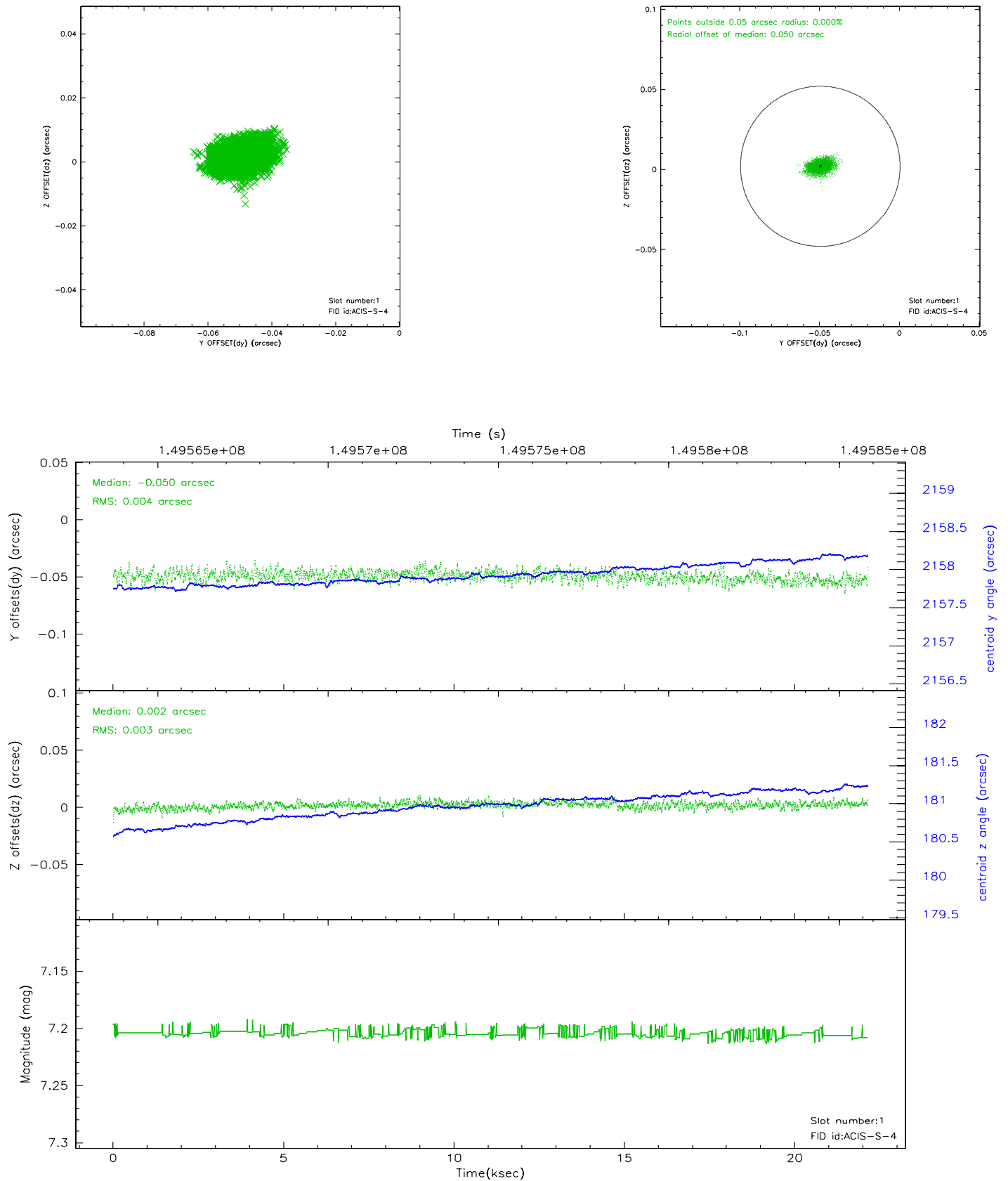


2.5 FID Slots

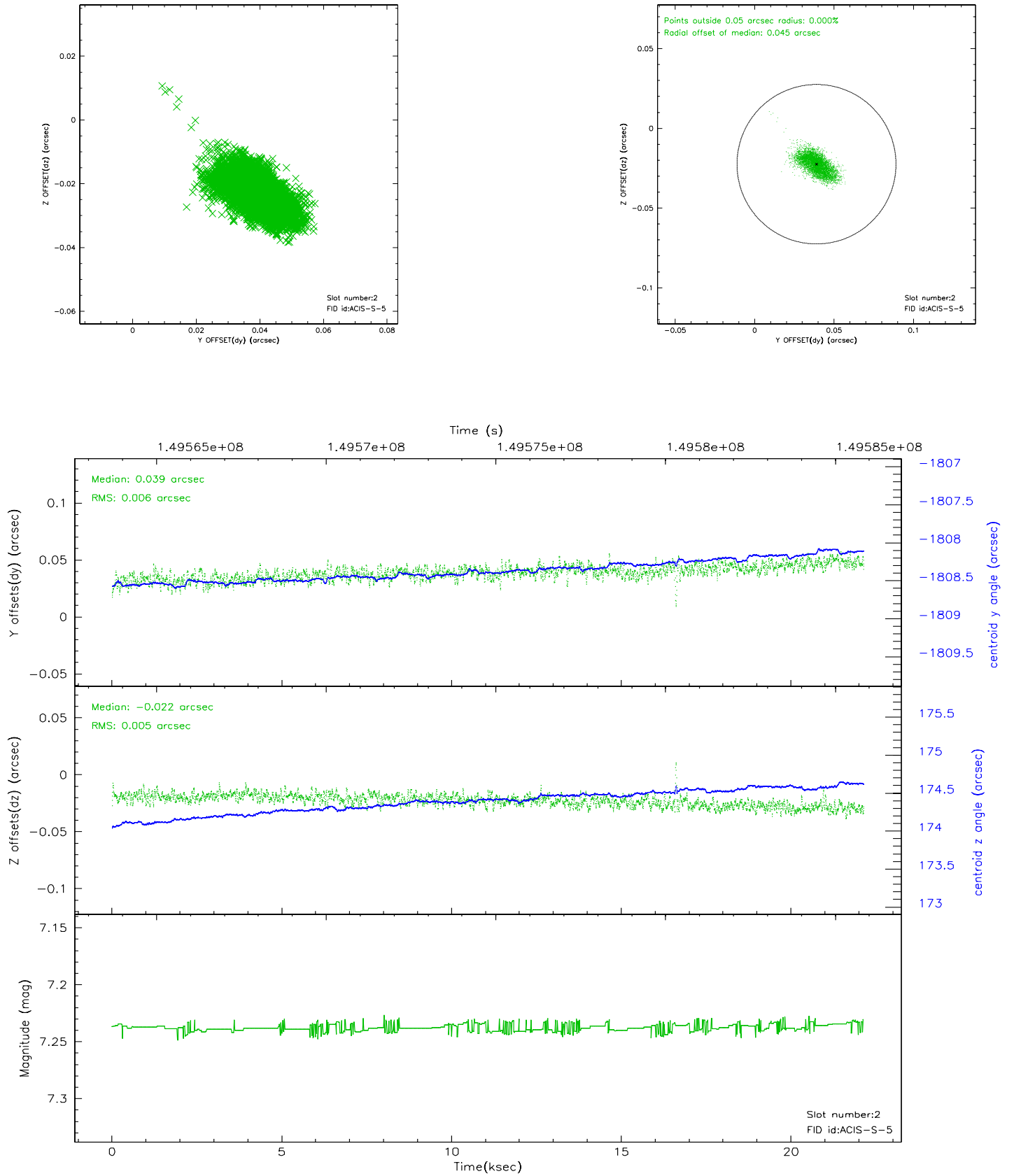
2.5.1 Slot 0



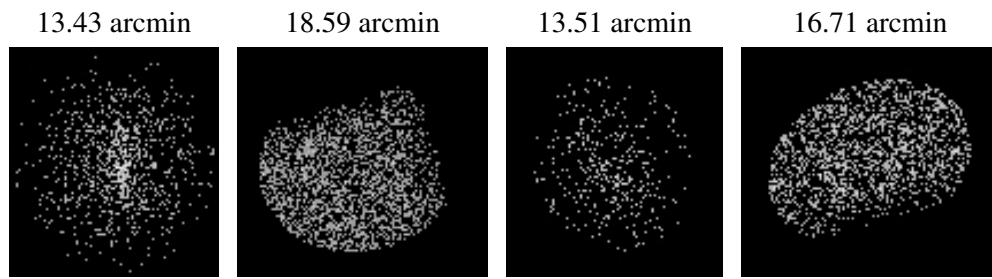
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.759

A.2 Comments

Window constraint met.