

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2786 - L2 Version 001
Chandra X-Ray Center

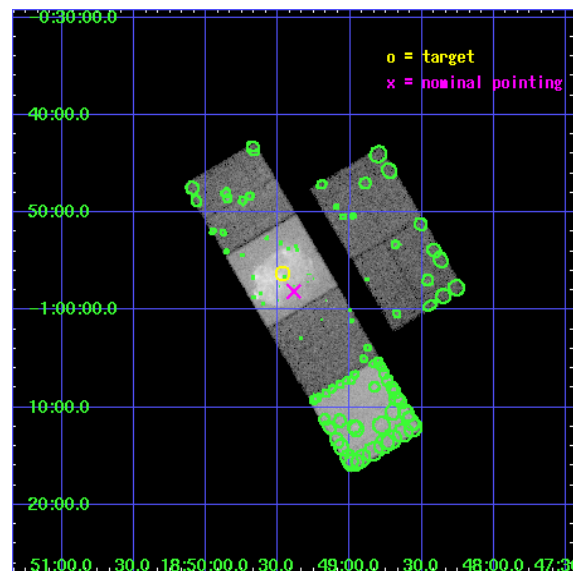
L2 Processing Date : Sep 30 2006

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1 Front

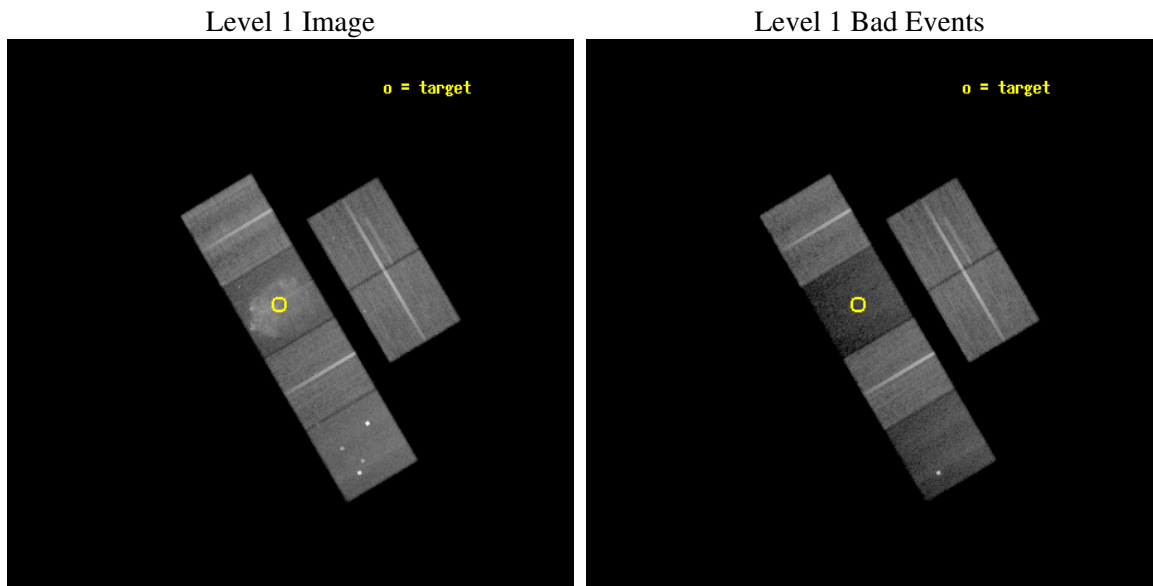
seq_num	500236
obs_id	2786
title	PROPOSAL FOR CHANDRA ACIS OBSERVATION OF THE THERMAL COMPOSITE SNR 3C 391
observer	DR. YANG CHEN
object	3C 391
dtcycle	0
cycle	P
ra_targ	282.367917
dec_targ	-0.9375
ra_nom	282.34737676249
dec_nom	-0.96878270269157
roll_nom	239.44166132941
revision	2
ontime	61644.799770355
livetime	60864.216197621
ontime2	61638.317819834
ontime3	61631.835849315
ontime5	61644.799770355
ontime6	61638.317789912
ontime7	61644.799770355
ontime8	61638.317889482
l2events	363486



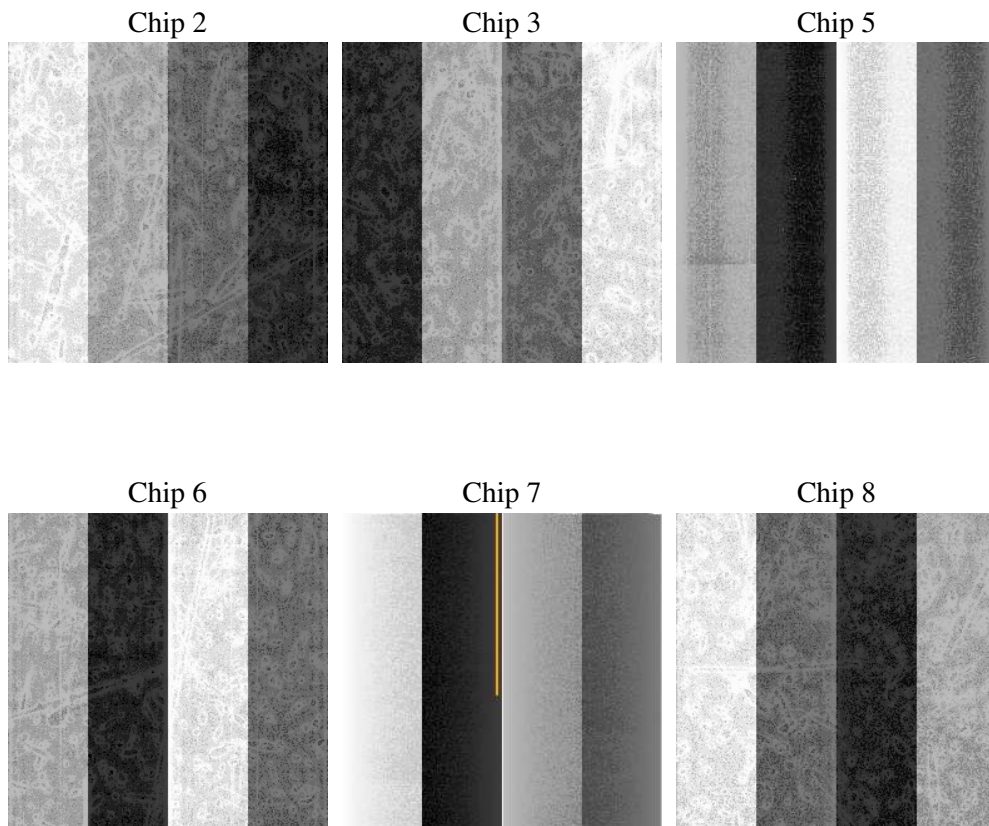
2 OBI

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	2006-09-30T09:29:13
revision	2

sched_exp_time	61500.000000
ontime	62318.087593913
ontime2	62311.605623484
ontime3	62305.123652965
ontime5	62318.087593913
ontime6	62311.605593562
ontime7	62318.087593913
ontime8	62311.605693132
l1events	1505640

2.1.4 Events

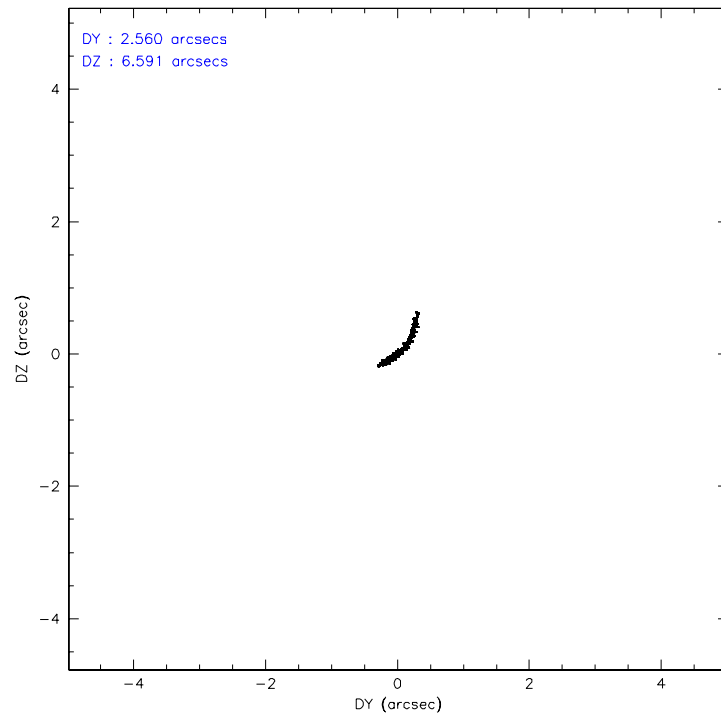
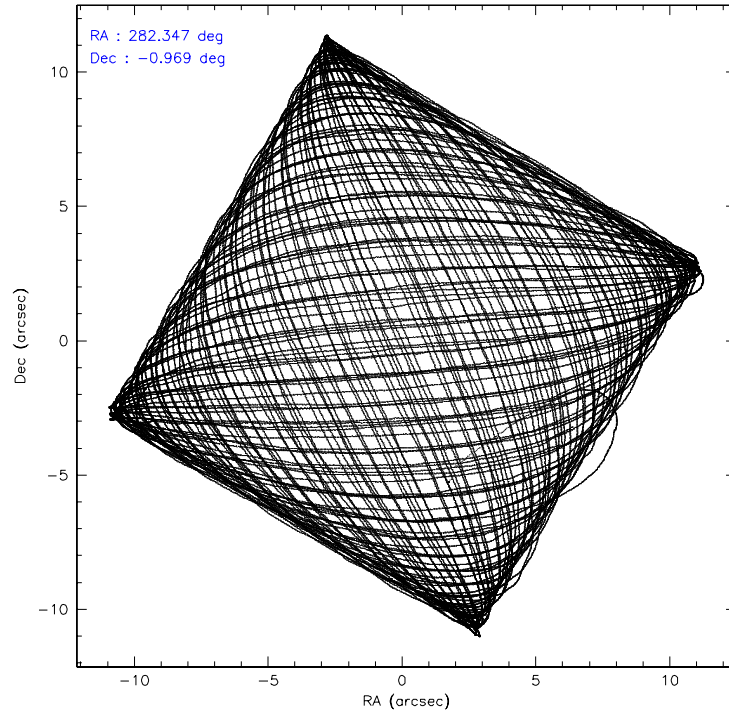
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	261628	240151	235552	245988	227424	294897
rejected events	236948	216039	91757	218083	64838	222409
rejected %	90%	89%	38%	88%	28%	75%

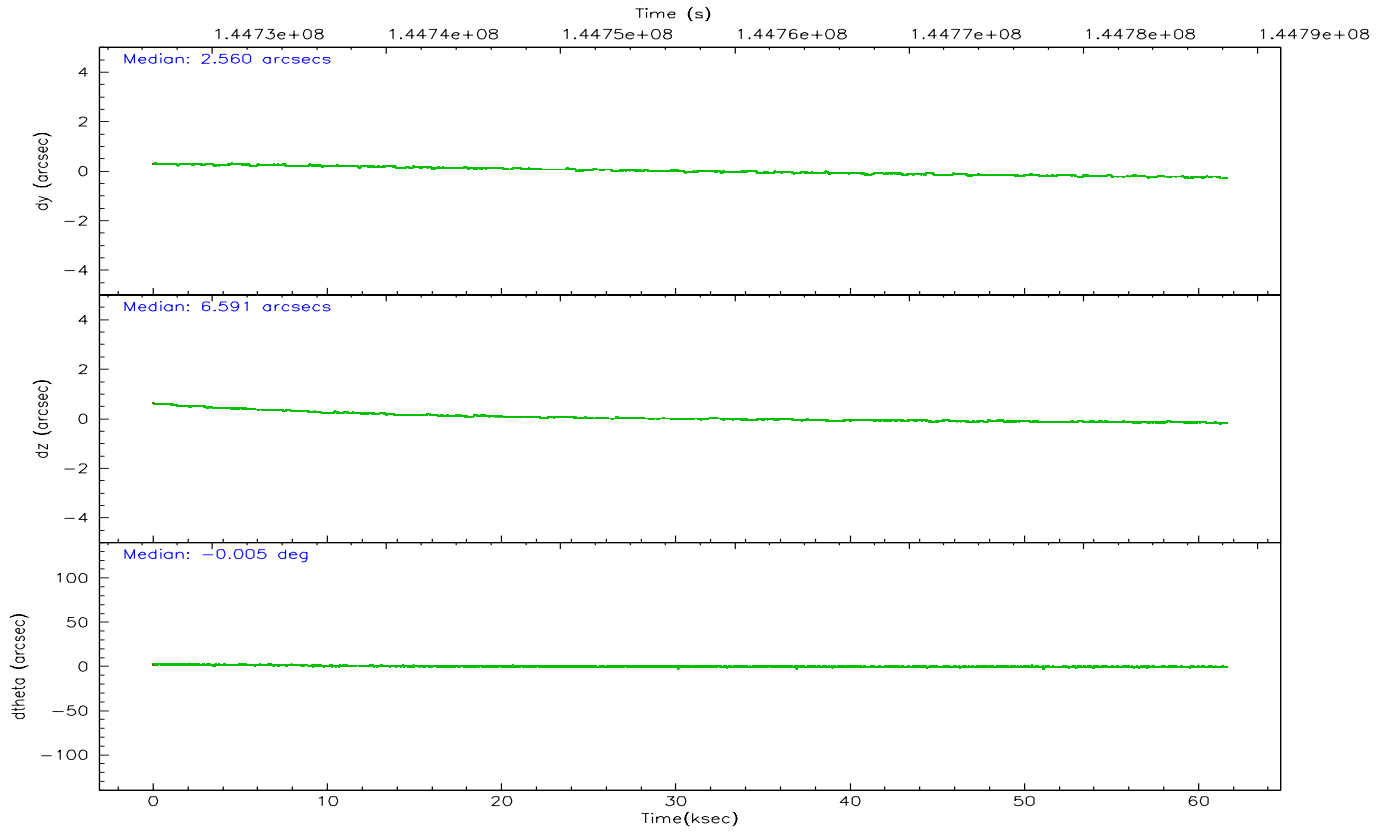
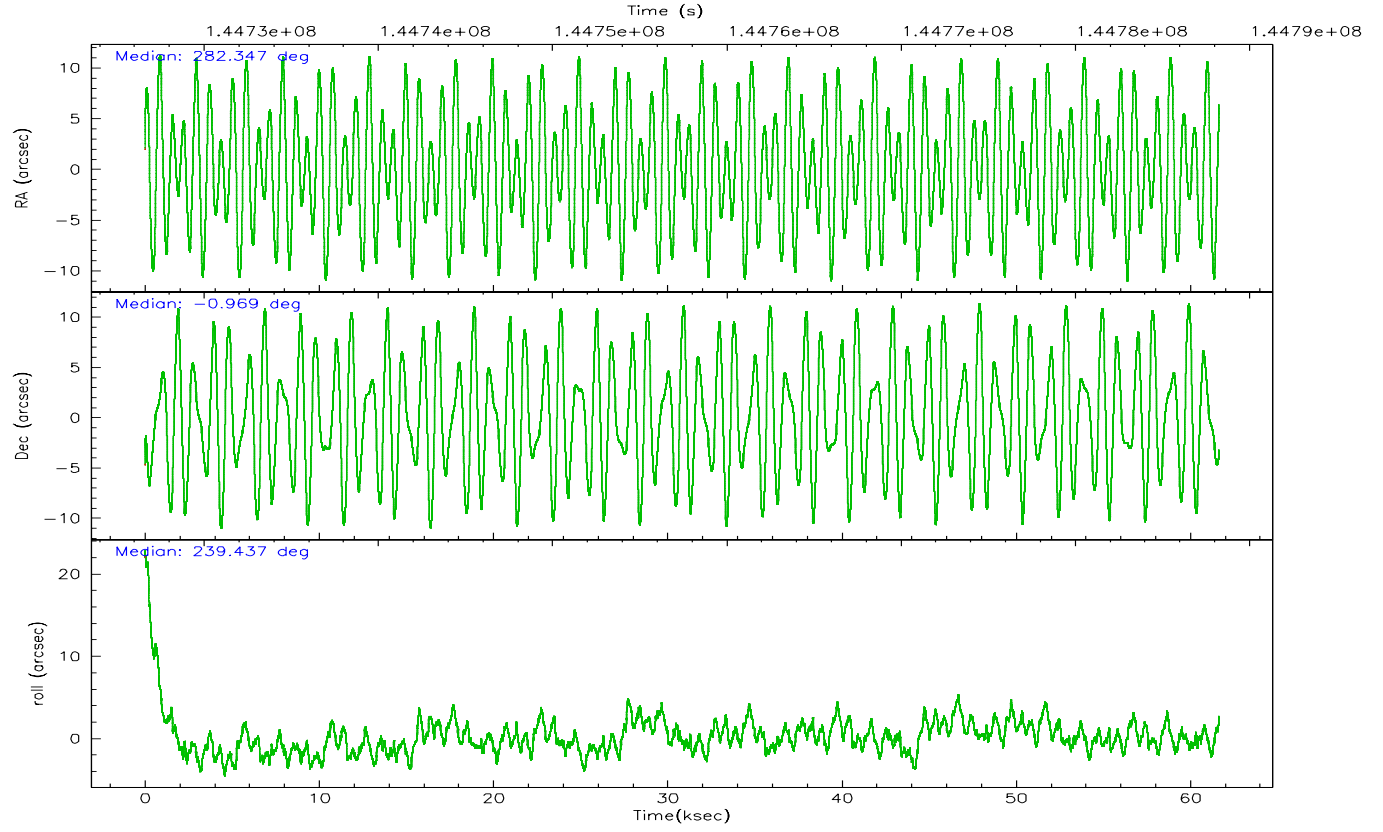
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11400	11858	29406	13700	27426	24217
	4%	4%	12%	5%	12%	8%
grade 1 events	126	122	147	131	203	222
	0%	0%	0%	0%	0%	0%
grade 2 events	5317	4365	47309	5179	46321	15591
	2%	1%	20%	2%	20%	5%
grade 3 events	2571	2560	4408	2763	15632	7809
	0%	1%	1%	1%	6%	2%
grade 4 events	2542	2373	4169	2726	15342	7299
	0%	0%	1%	1%	6%	2%
grade 5 events	4034	4665	13606	4951	12130	7957
	1%	1%	5%	2%	5%	2%
grade 6 events	3124	3202	60165	3833	59027	18359
	1%	1%	25%	1%	25%	6%
grade 7 events	232514	211006	76342	212705	51343	213443
	88%	87%	32%	86%	22%	72%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	282.347300	282.3473767624894	Subarray requested	NONE	NONE
Pointing Dec	-0.941535	-0.968782702691567	Alternating exposures requested	N	N
Pointing Roll	239.285035	239.4416613294109	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	144726754.184000	144725368.67632			
Observation start date	2002-08-03T01:51:30	2002-08-03T01:29:28			
Observation end time	144788254.184000	144788835.14143			
Observation end date	2002-08-03T18:56:30	2002-08-03T19:07:15			
Read mode	TIMED	TIMED			

2.3 Aspect



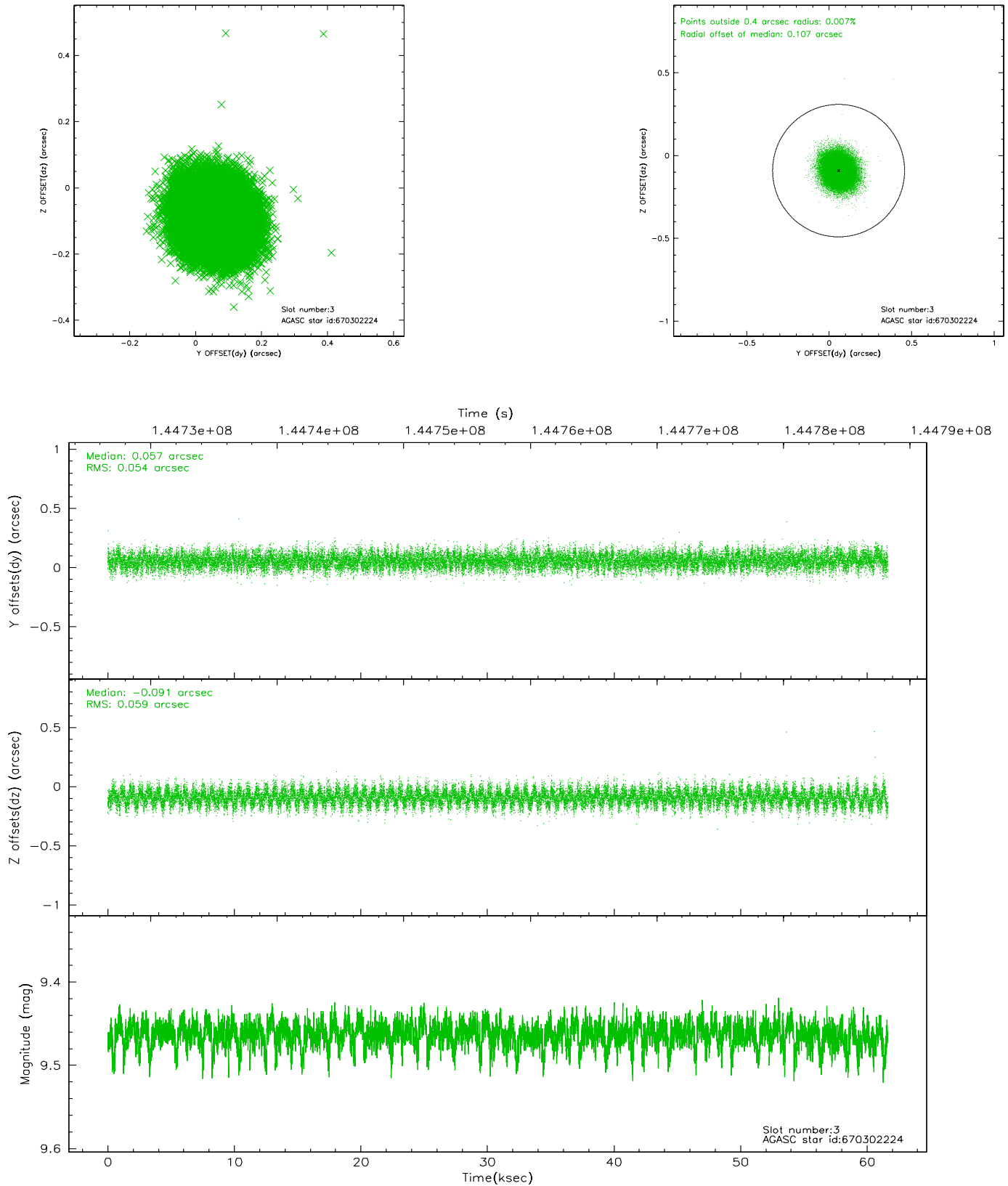


Slot Statistics

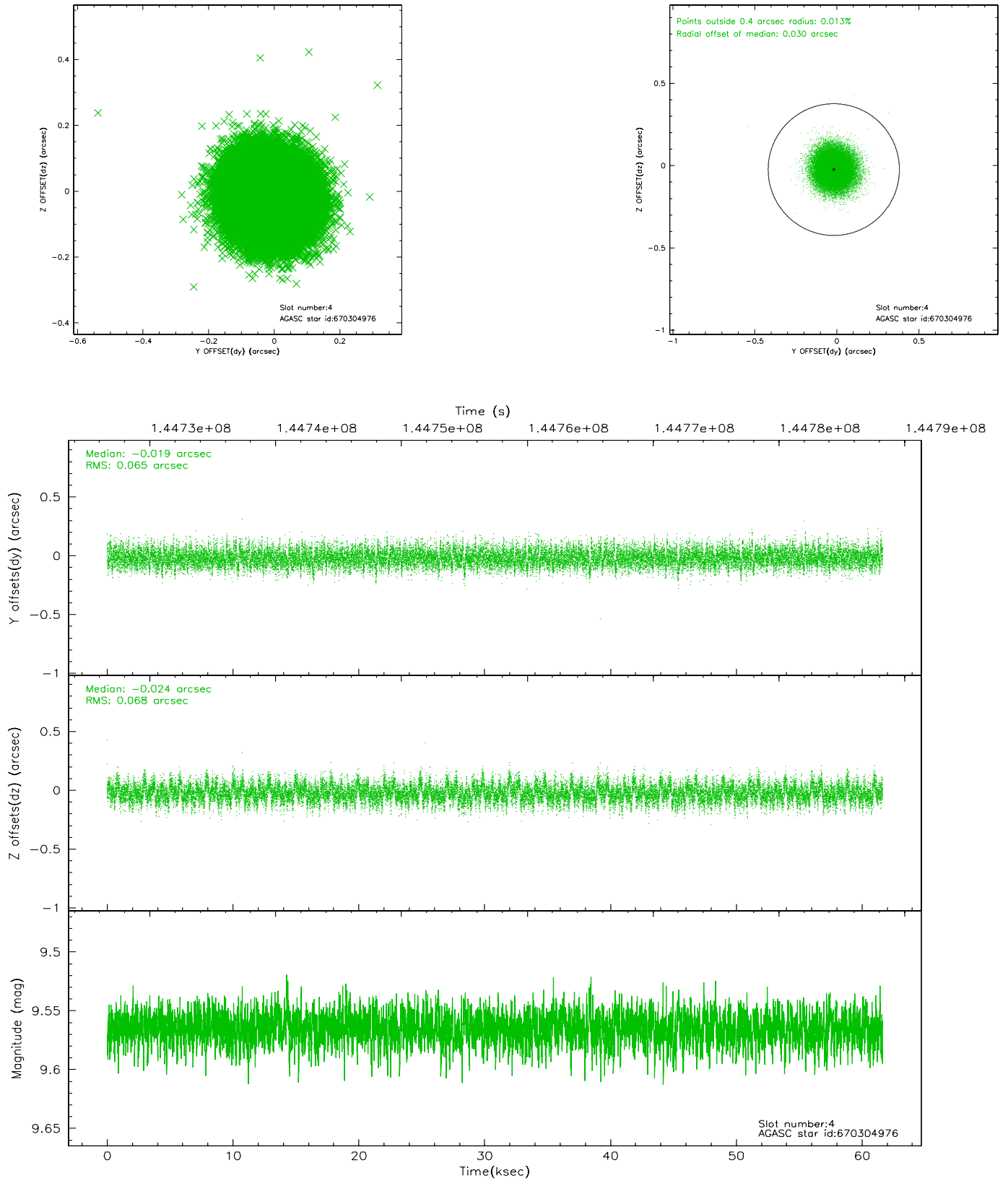
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	15035	-0.020	0.030	0.009	0.015	0.000000	0.000000	-755.20	-1727.79
1	FID	ACIS-S-4	7.20	15035	-0.062	0.001	0.006	0.010	0.000000	0.000000	2158.03	180.74
2	FID	ACIS-S-5	7.24	15037	0.050	-0.022	0.010	0.017	0.000000	0.000000	-1808.05	174.30
3	GUIDE	670302224	9.46	30062	0.057	-0.091	0.086	0.137	282.705342	-0.558223	-1844.25	404.04
4	GUIDE	670304976	9.56	30061	-0.019	-0.024	0.101	0.161	282.807914	-0.609729	-1873.56	816.29
5	GUIDE	670309216	9.39	29854	-0.031	-0.043	0.094	0.153	282.086973	-0.405754	-1179.12	-1790.06
6	GUIDE	670303584	7.50	30070	-0.080	0.085	0.048	0.075	282.662062	-0.360708	-2376.21	-92.96
7	GUIDE	670317248	9.09	29998	0.071	0.067	0.072	0.121	282.282657	-0.892294	-33.17	-289.57

2.4 Star Slots

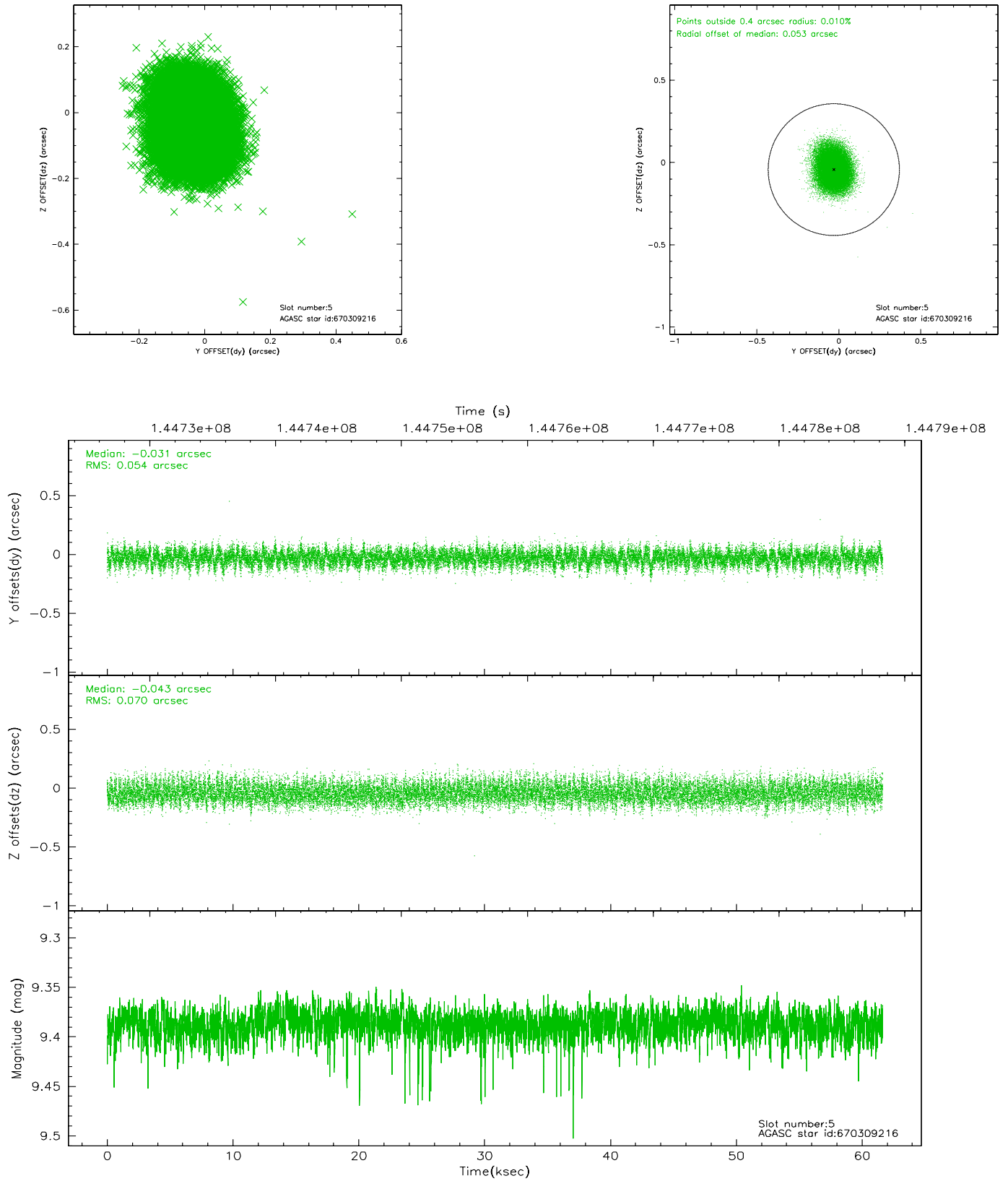
2.4.1 Slot 3



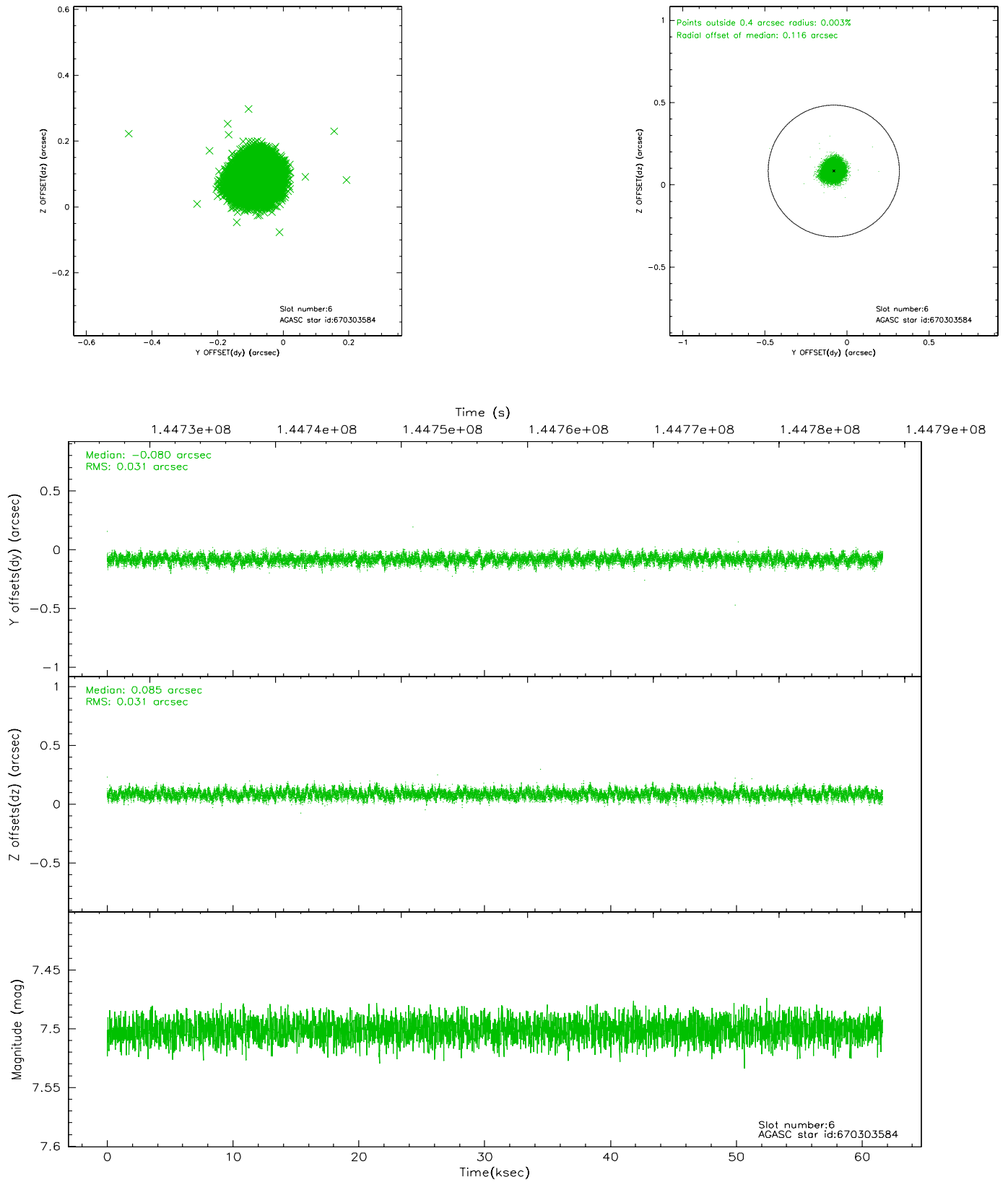
2.4.2 Slot 4



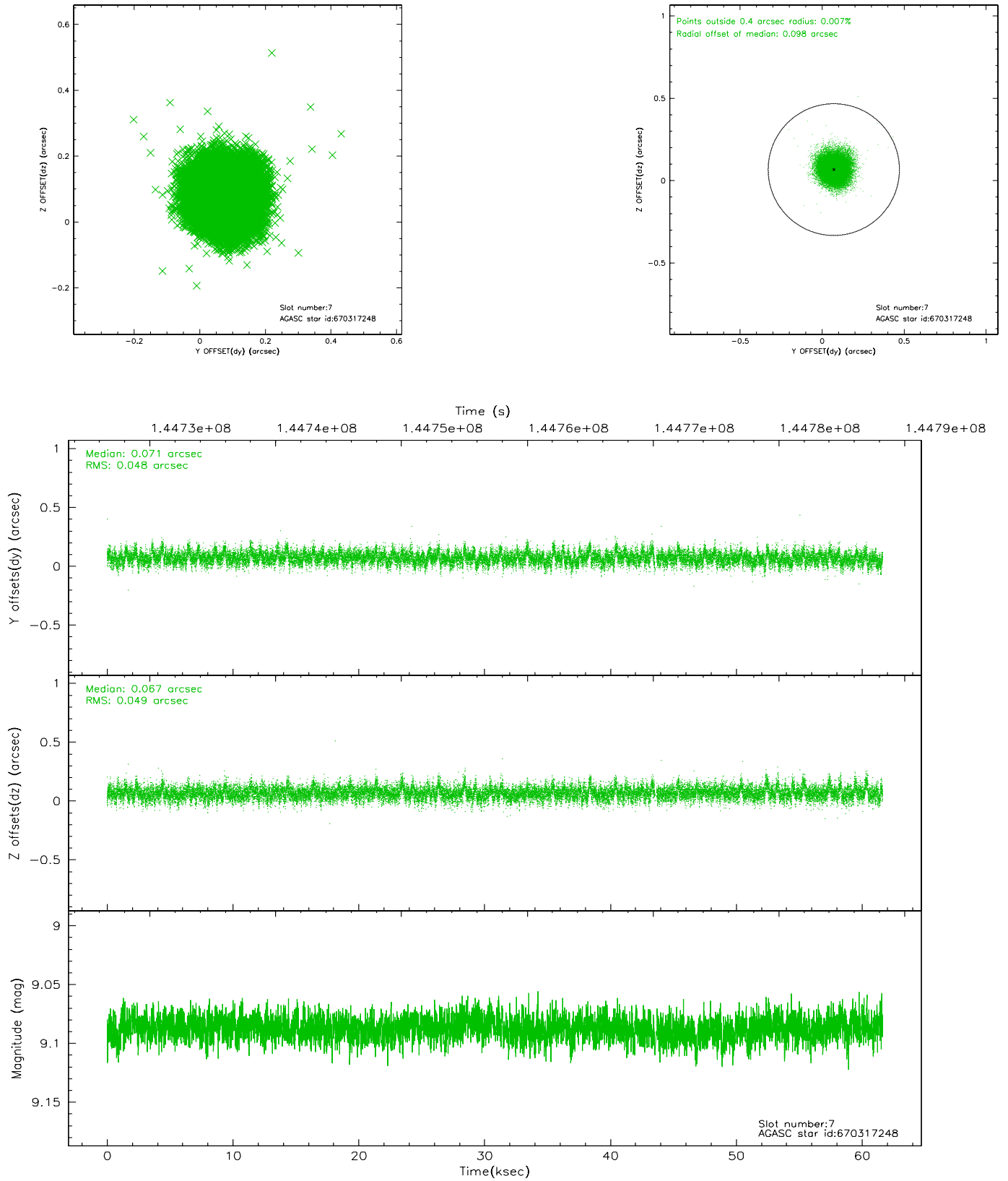
2.4.3 Slot 5



2.4.4 Slot 6

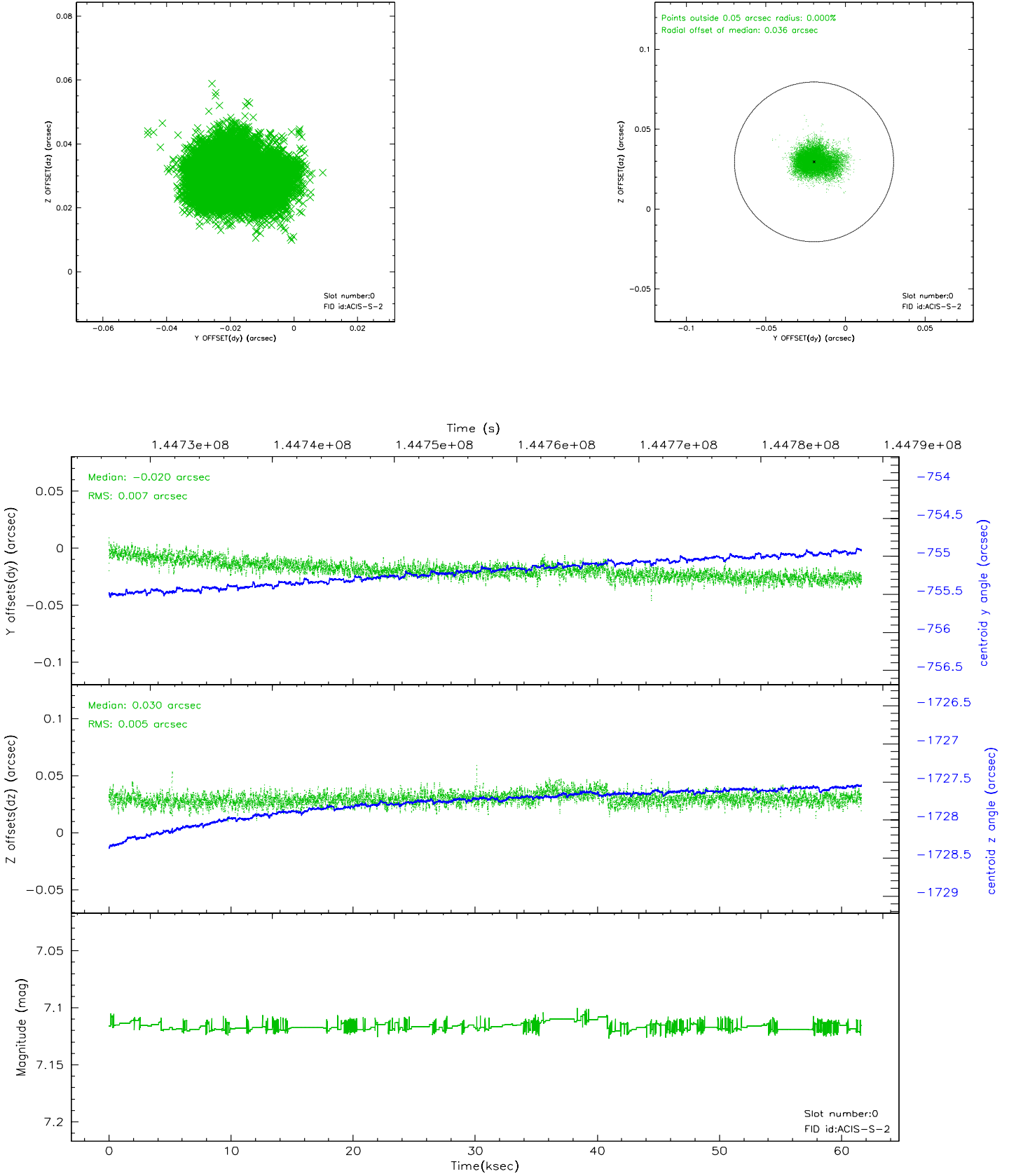


2.4.5 Slot 7

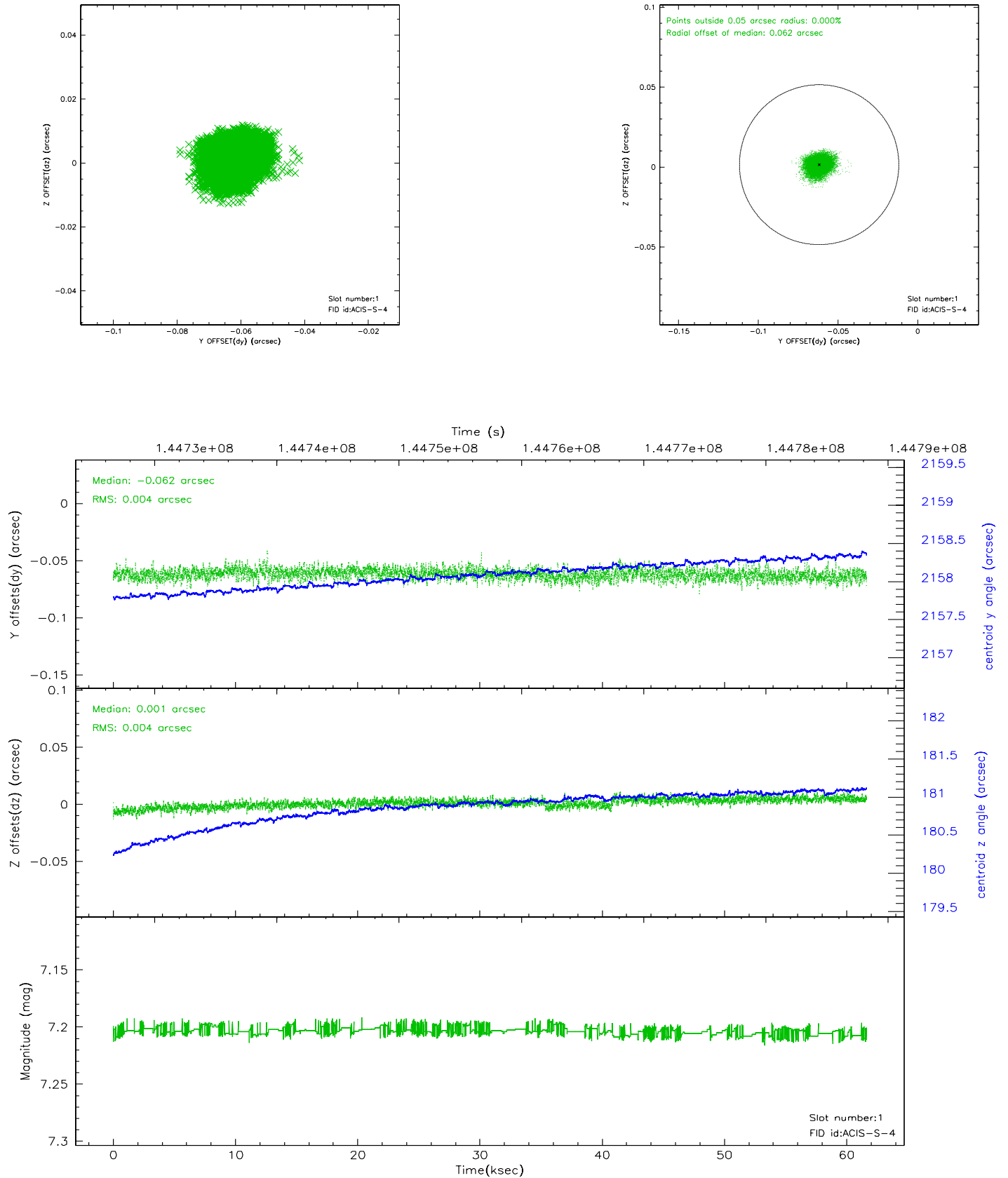


2.5 FID Slots

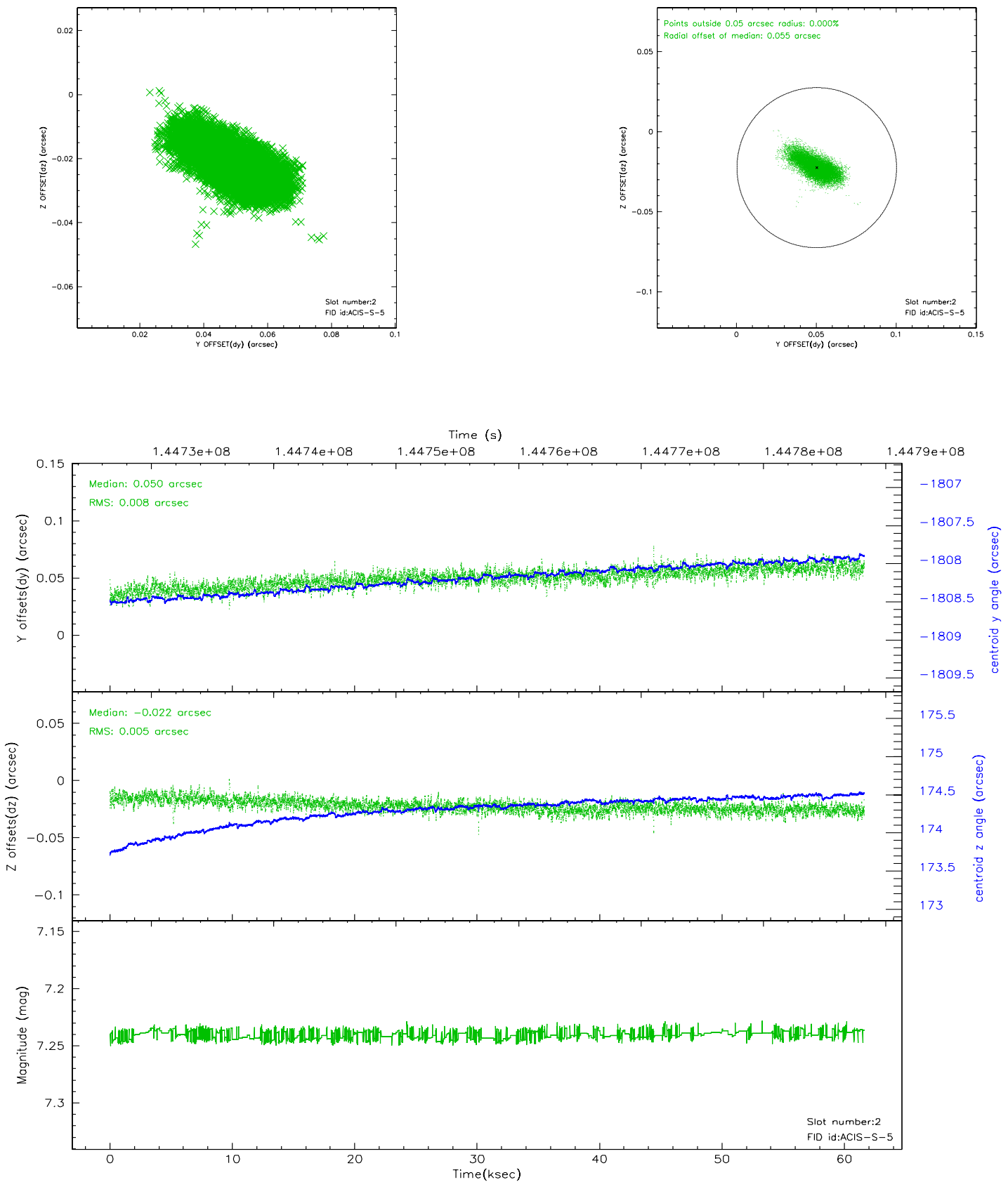
2.5.1 Slot 0



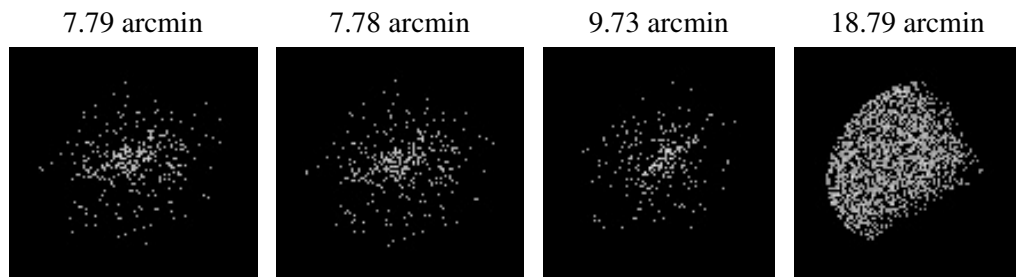
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	61.644

A.2 Comments