

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4657 - L2 Version 001
Chandra X-Ray Center

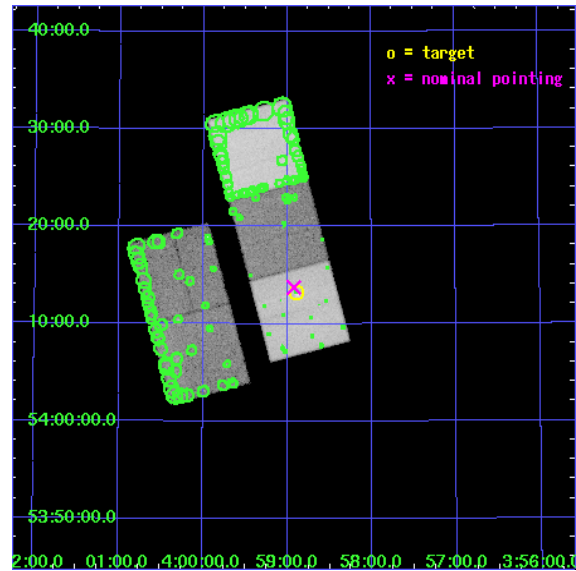
L2 Processing Date : Apr 28 2006

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1 Front

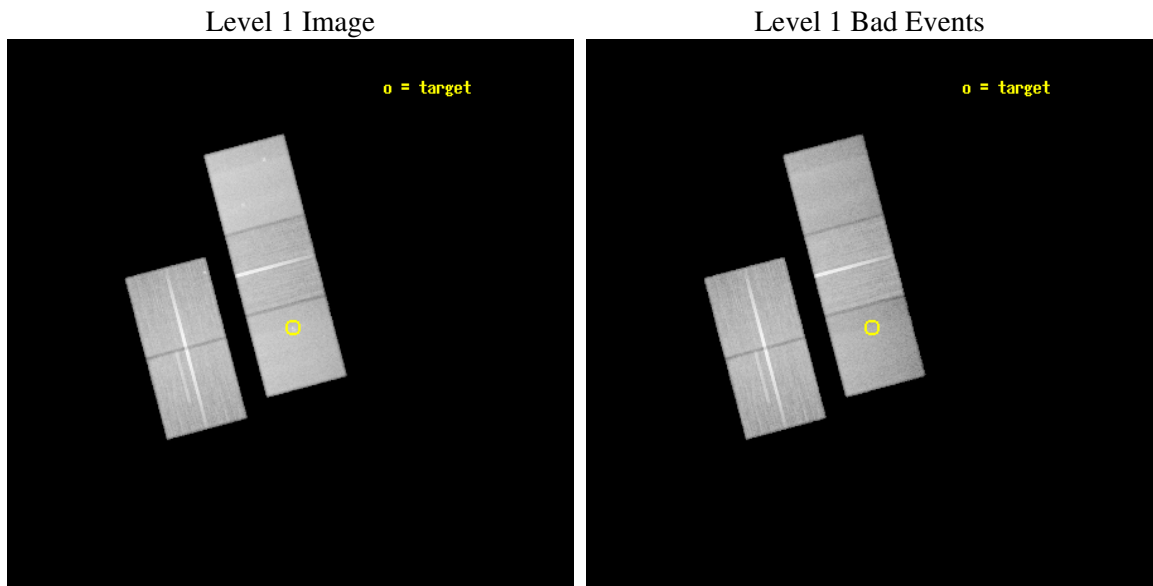
seq_num	500476
obs_id	4657
title	PROBING THE PULSAR WIND NEBULA OF PSR 0355+54
observer	DR Katherine McGowan
object	PSR 0355+54
dtcycle	0
cycle	P
ra_targ	59.72375
dec_targ	54.220444
ra_nom	59.730715352114
dec_nom	54.229200277376
roll_nom	75.163670831688
revision	3
ontime	67127.399870932
livetime	66250.330973146
ontime2	67114.836039871
ontime3	67121.117930412
ontime5	67127.399870932
ontime6	67114.835980058
ontime7	67127.399870932
l2events	538982



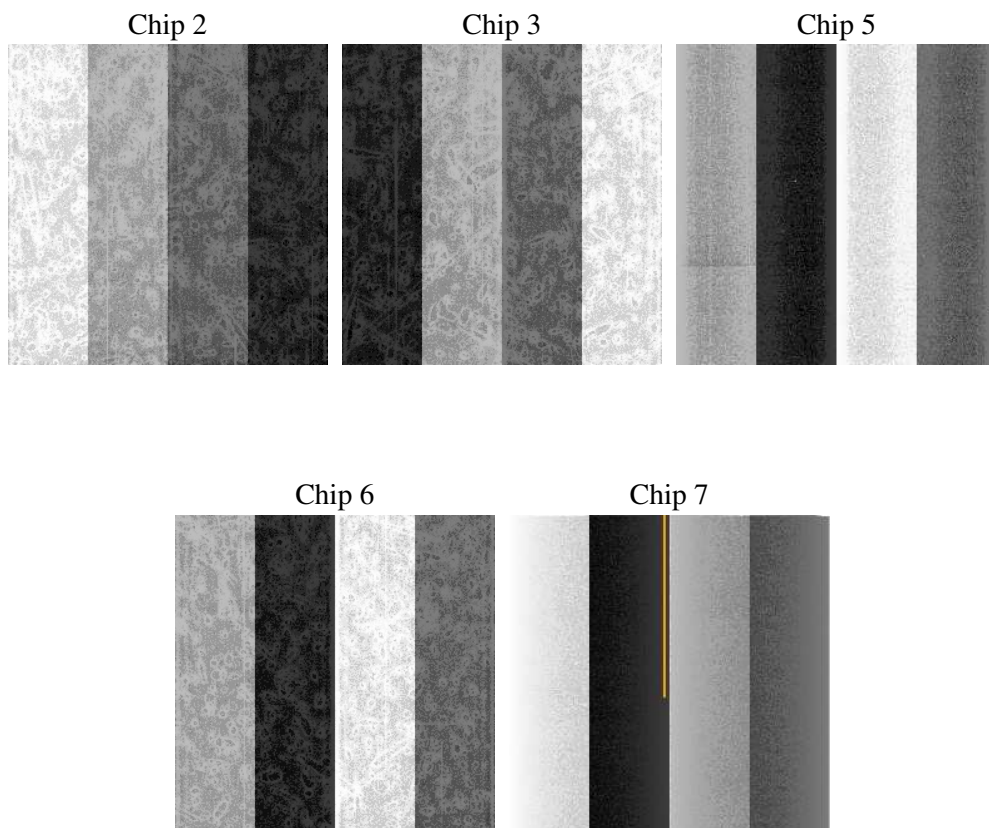
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-28T19:14:42
revision	3

sched_exp_time	67000.000000
ontime	67676.014576077
ontime2	67666.5917252
ontime3	67672.873615742
ontime5	67676.014546186
ontime6	67666.591665387
ontime7	67676.014576077
l1events	2248460

2.1.4 Events

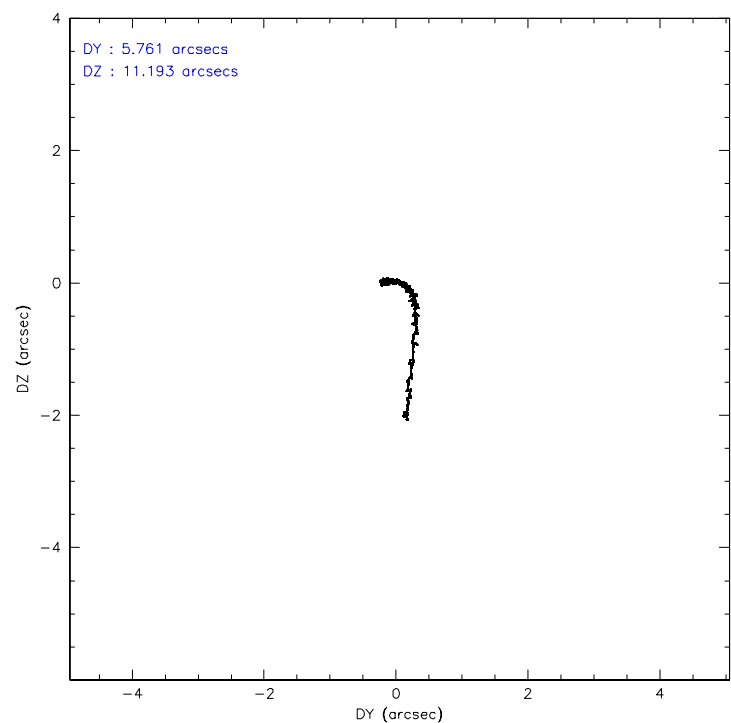
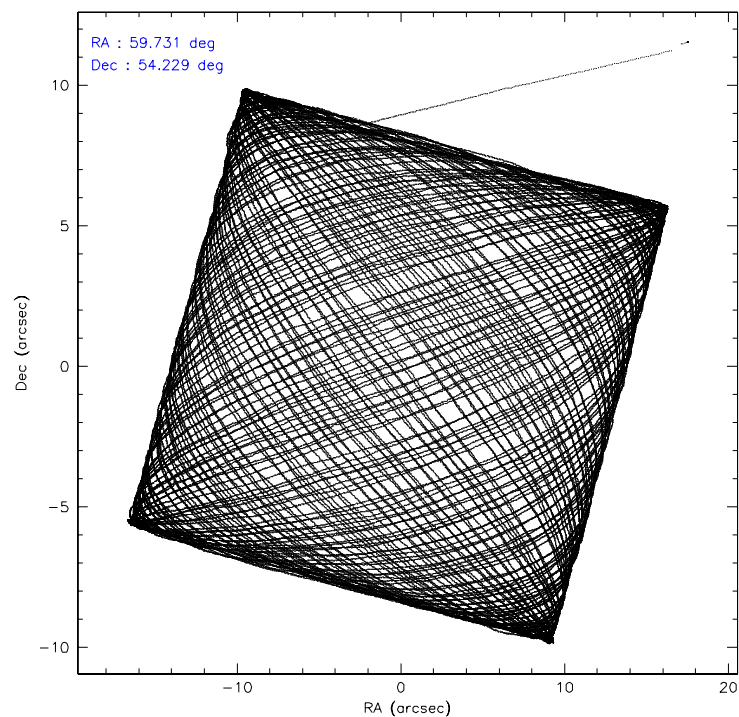
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	419285	414863	535039	423662	455611
rejected events	375327	369093	293833	376073	269406
rejected %	89%	88%	54%	88%	59%

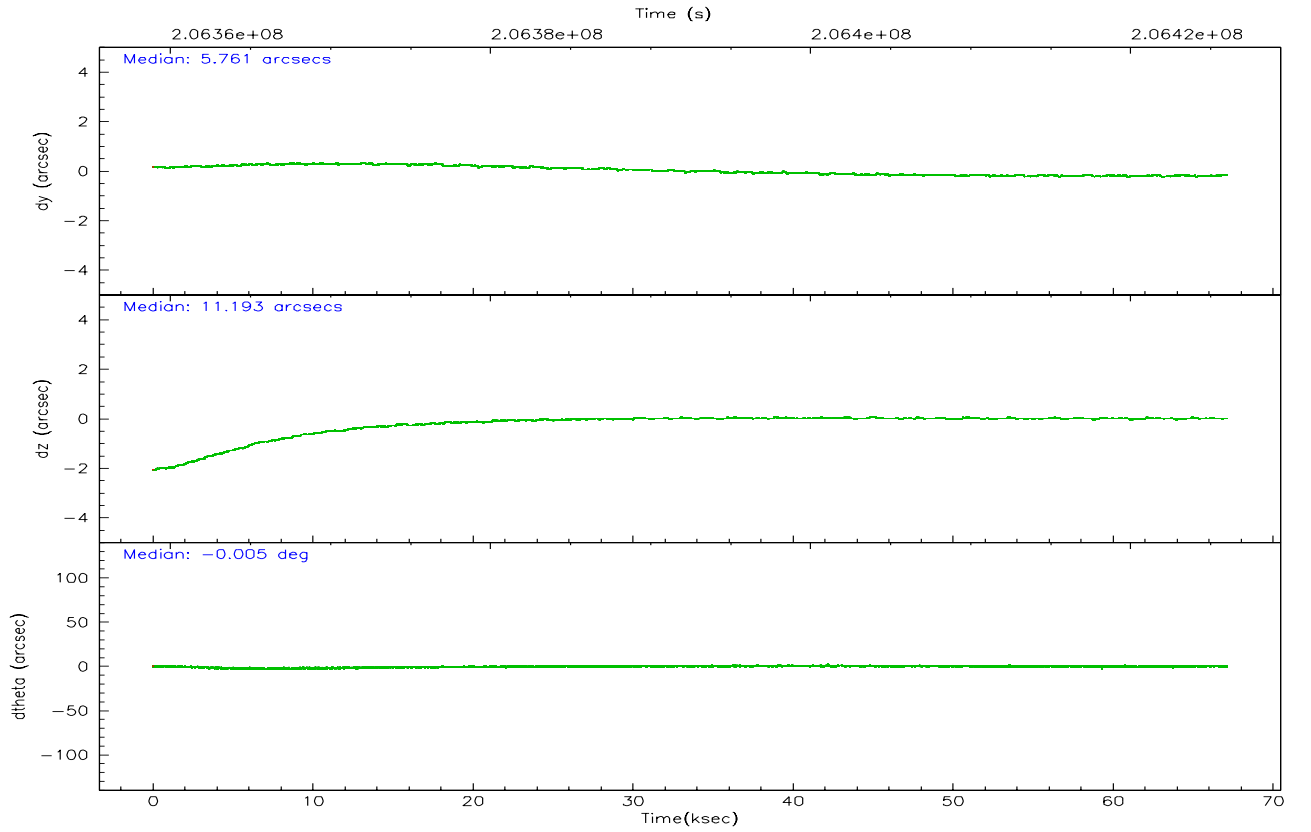
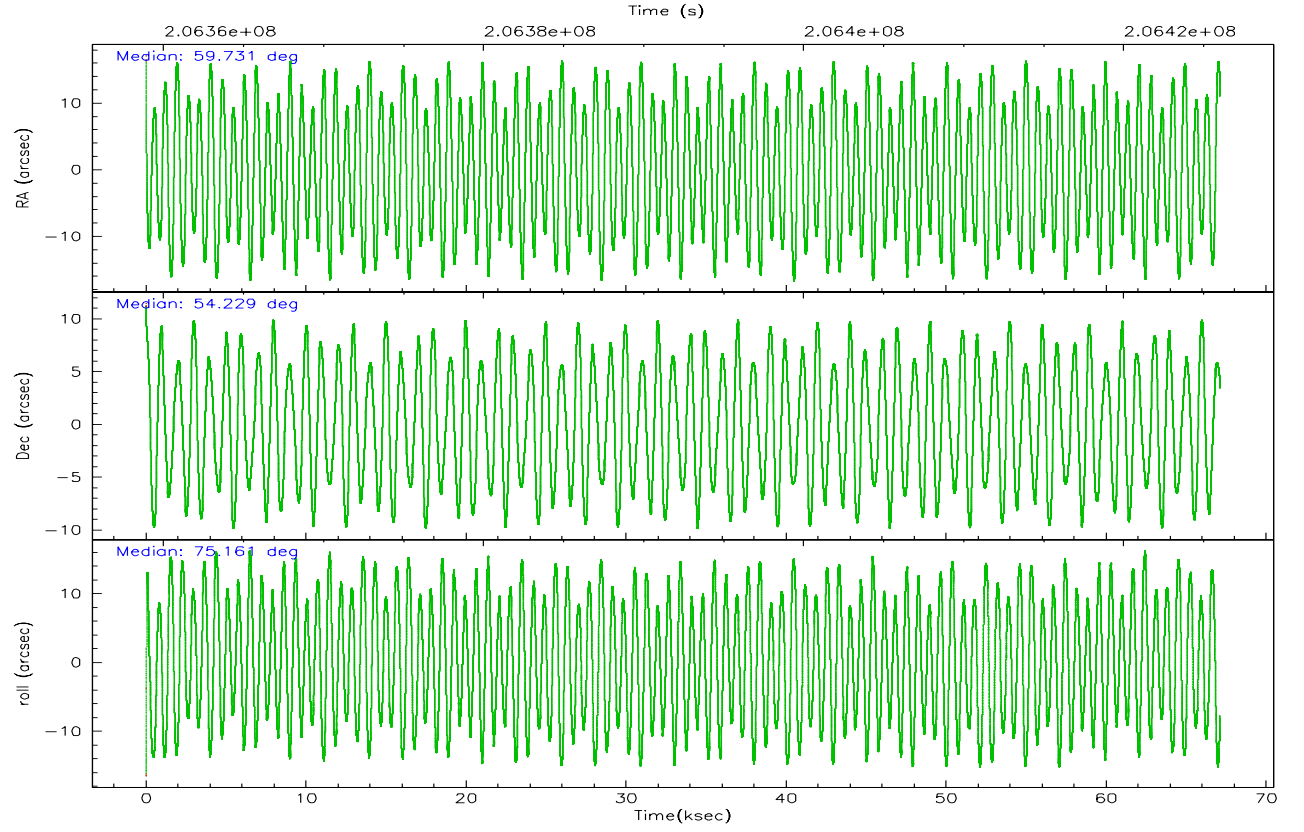
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	15722	18017	8348	16250	11372
	3%	4%	1%	3%	2%
grade 1 events	192	220	161	197	214
	0%	0%	0%	0%	0%
grade 2 events	9790	9024	76039	10070	45236
	2%	2%	14%	2%	9%
grade 3 events	4831	4904	4519	5188	9639
	1%	1%	0%	1%	2%
grade 4 events	4905	4896	4293	5079	9303
	1%	1%	0%	1%	2%
grade 5 events	13436	16023	29939	16814	34566
	3%	3%	5%	3%	7%
grade 6 events	9016	9226	150061	11351	112126
	2%	2%	28%	2%	24%
grade 7 events	361393	352553	261679	358713	233155
	86%	84%	48%	84%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	59.743514	59.73071535211434	Alternating exposures requested	N	N
Pointing Dec	54.203030	54.22920027737589	Primary exposure time	0.000000	3.1
Pointing Roll	74.996659	75.16367083168849			
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	206359027.184000	206357782.34797			
Observation start date	2004-07-16T09:56:03	2004-07-16T09:36:22			
Observation end time	206426027.184000	206427260.95106			
Observation end date	2004-07-17T04:32:43	2004-07-17T04:54:20			
Read mode	TIMED	TIMED			

2.3 Aspect



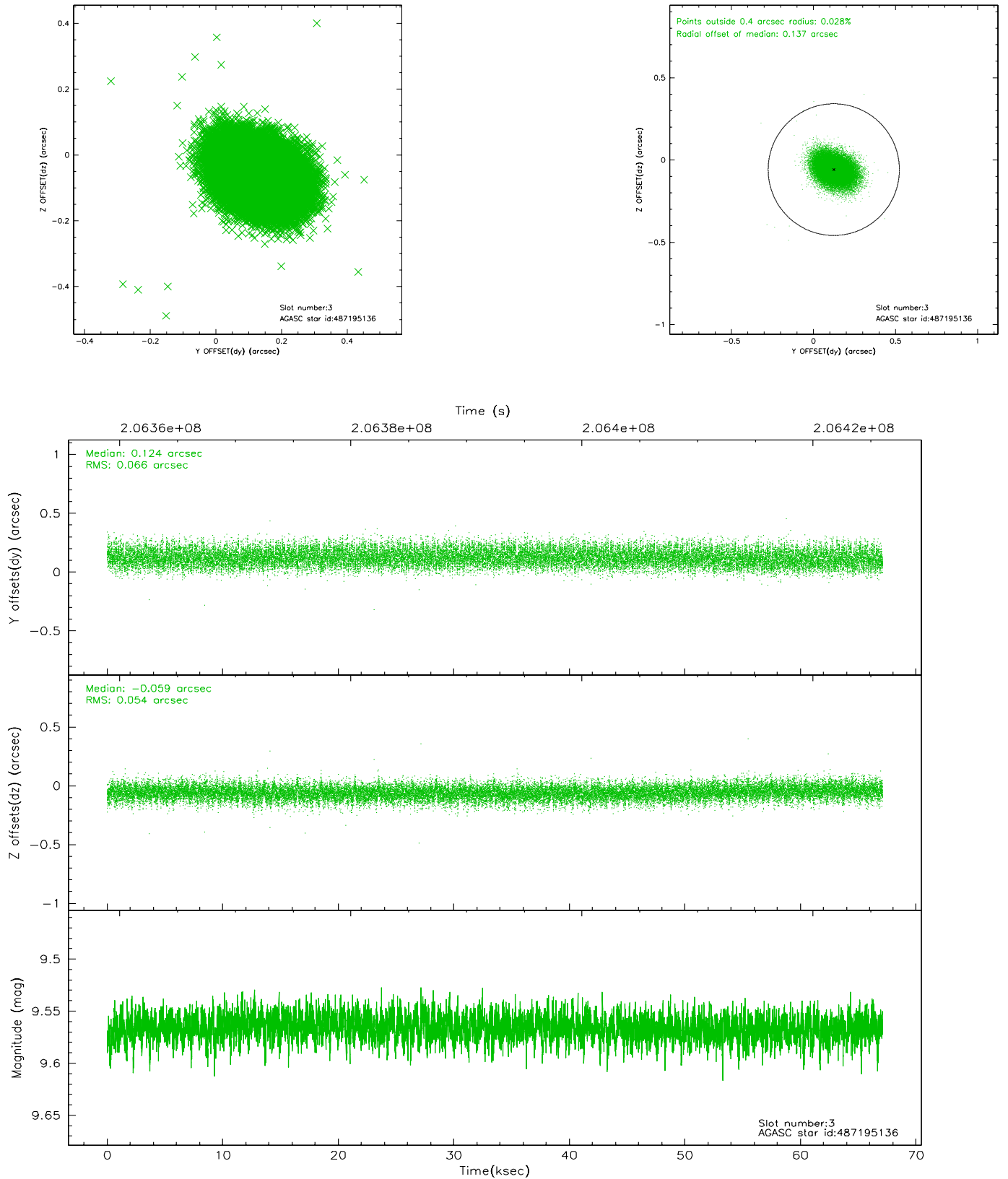


Slot Statistics

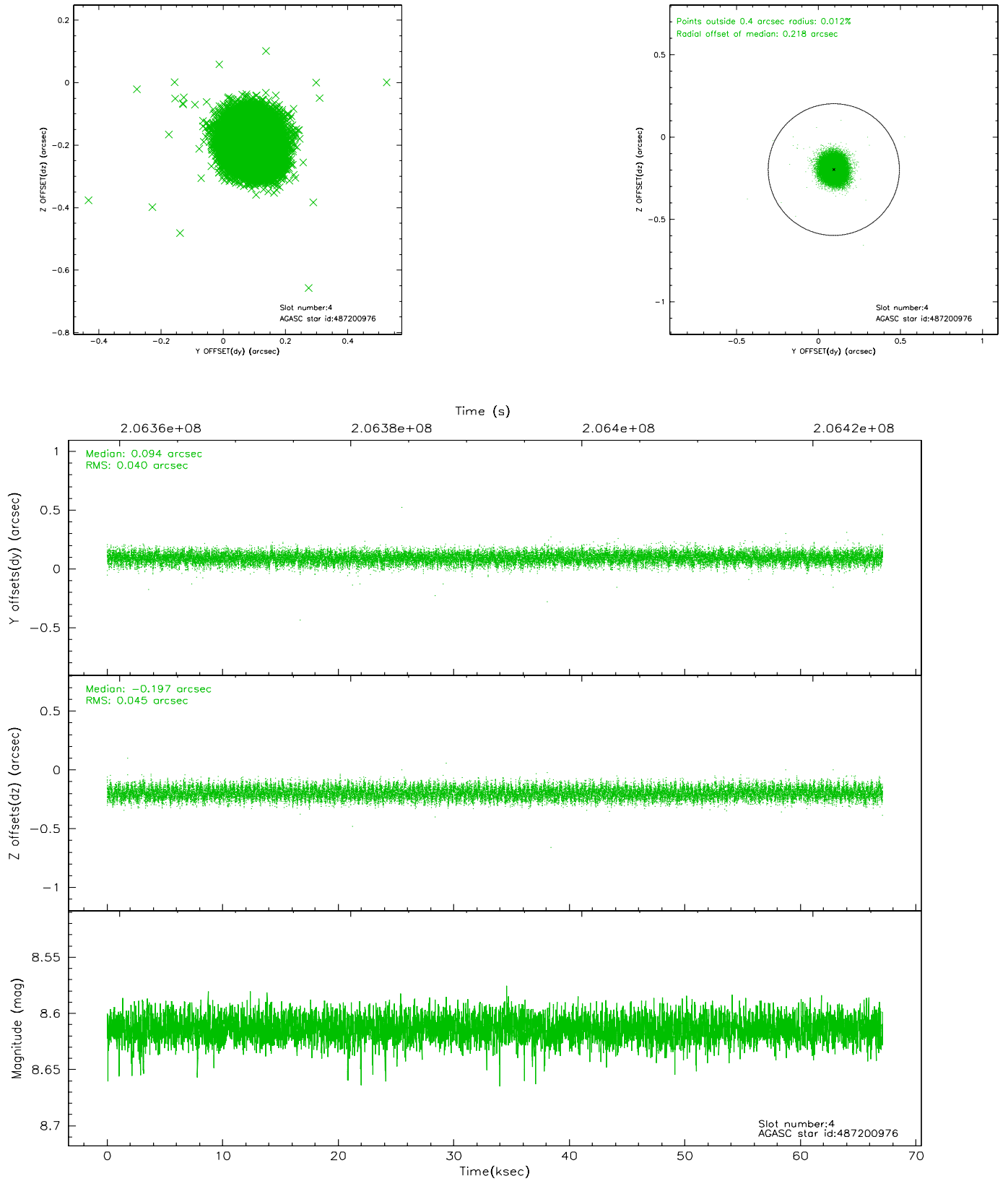
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	16374	-0.017	-0.045	0.012	0.056	0.000000	0.000000	937.49	-1727.91
1	FID	ACIS-S-4	7.20	16375	0.032	0.043	0.014	0.041	0.000000	0.000000	2154.93	176.38
2	FID	ACIS-S-5	7.23	16370	-0.041	0.014	0.014	0.024	0.000000	0.000000	-1811.46	169.90
3	GUIDE	487195136	9.57	32722	0.124	-0.059	0.090	0.147	58.914846	53.877945	-1575.37	1398.26
4	GUIDE	487200976	8.61	32735	0.094	-0.197	0.065	0.103	59.647091	54.074996	-497.39	77.39
5	GUIDE	487330000	6.71	32749	-0.007	0.076	0.040	0.065	60.405525	53.865933	-801.57	-1669.69
6	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
7	GUIDE	487851880	8.13	32746	-0.209	0.179	0.061	0.102	60.850967	54.723956	2425.09	-1733.54

2.4 Star Slots

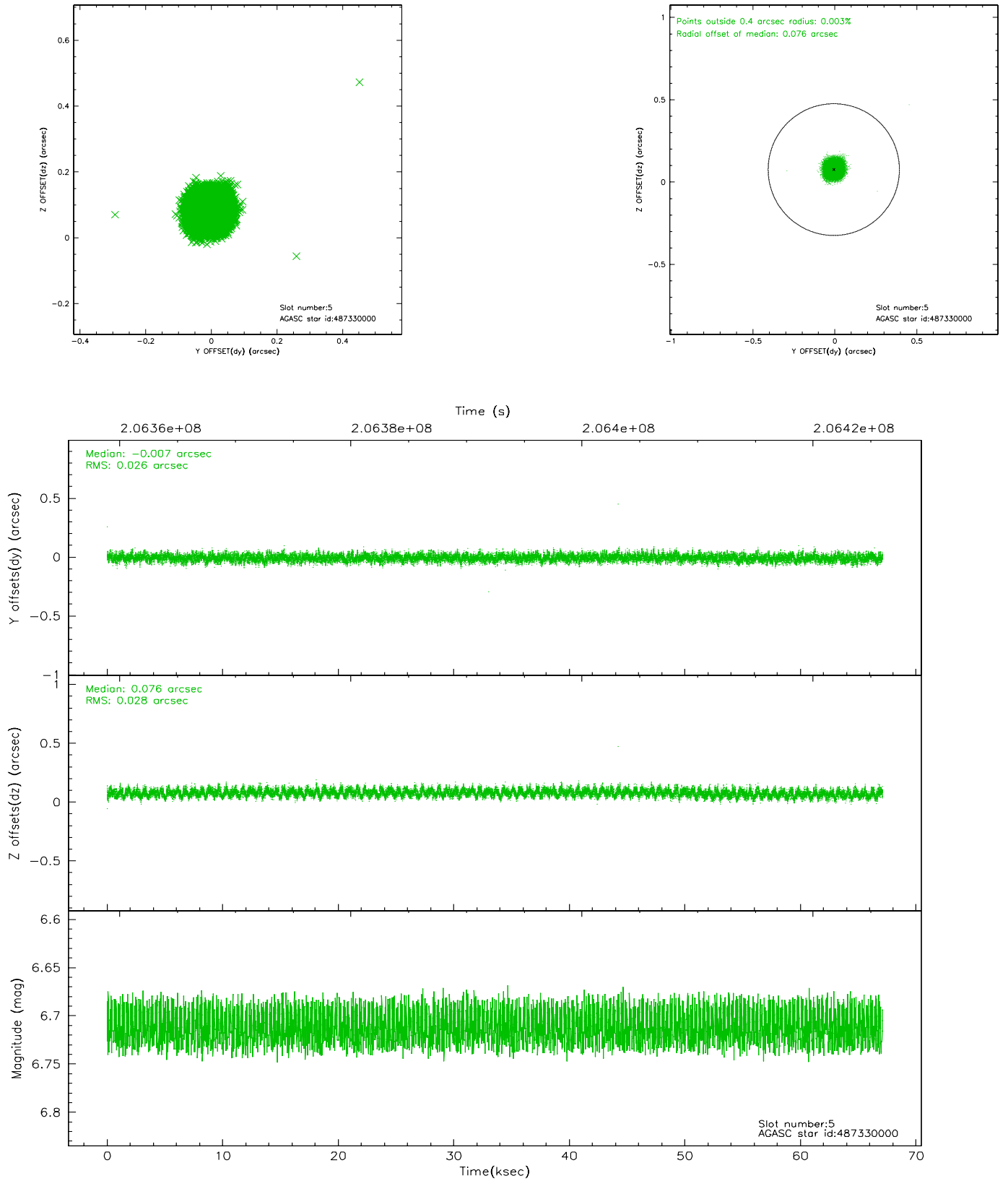
2.4.1 Slot 3



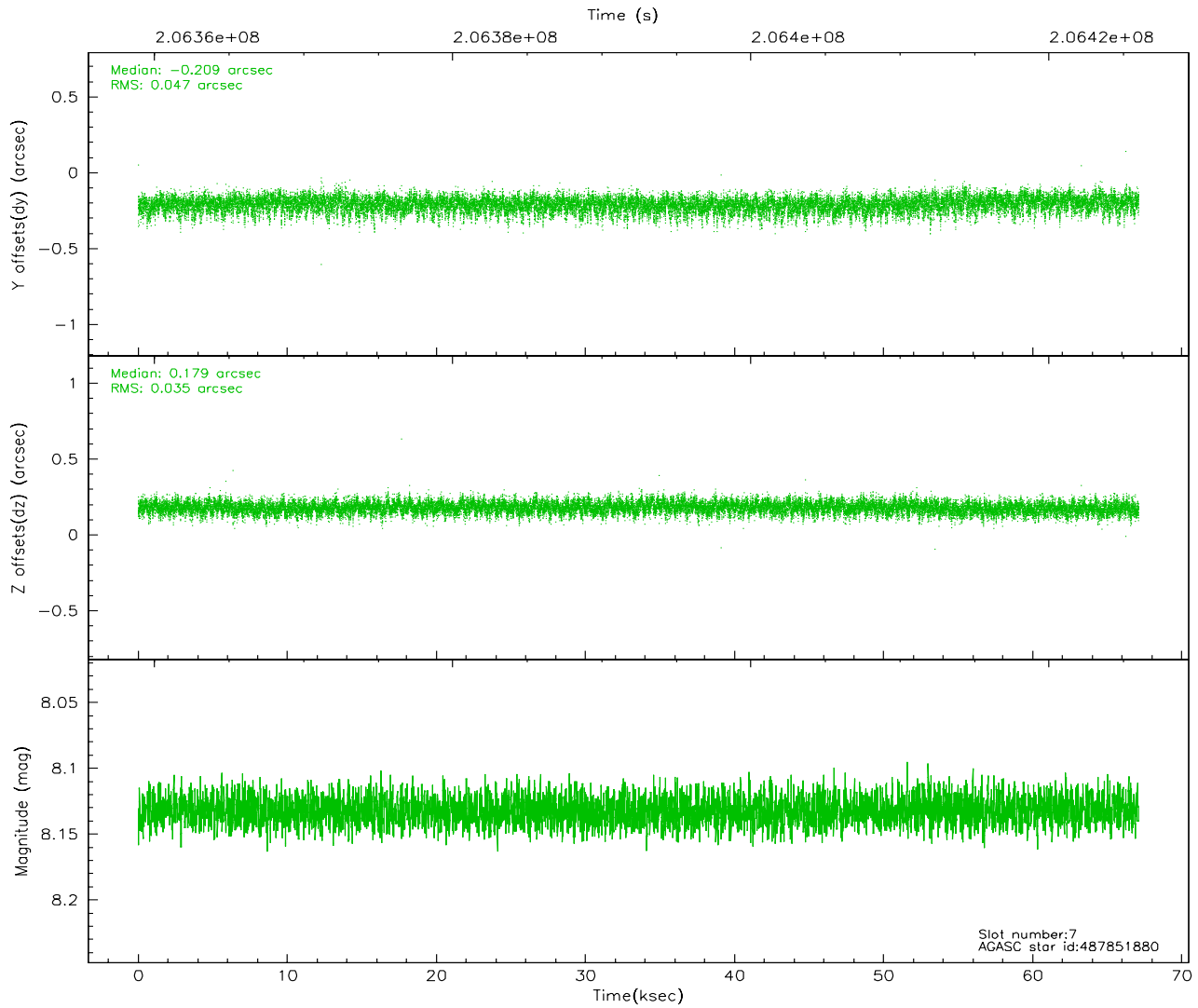
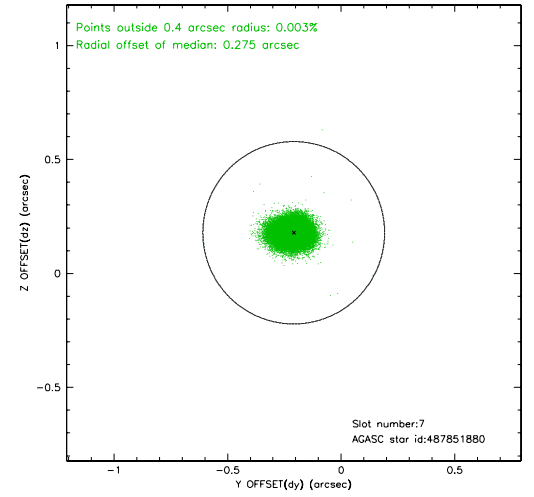
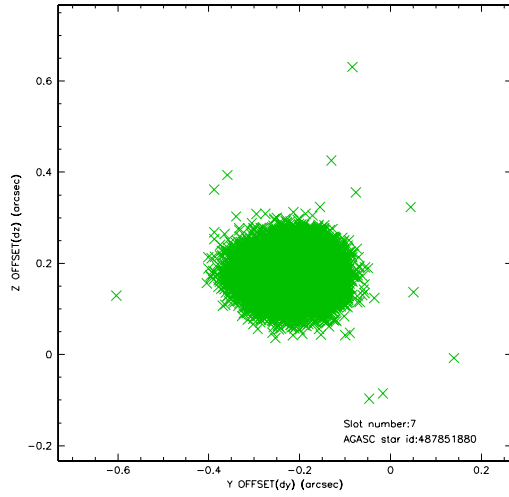
2.4.2 Slot 4



2.4.3 Slot 5

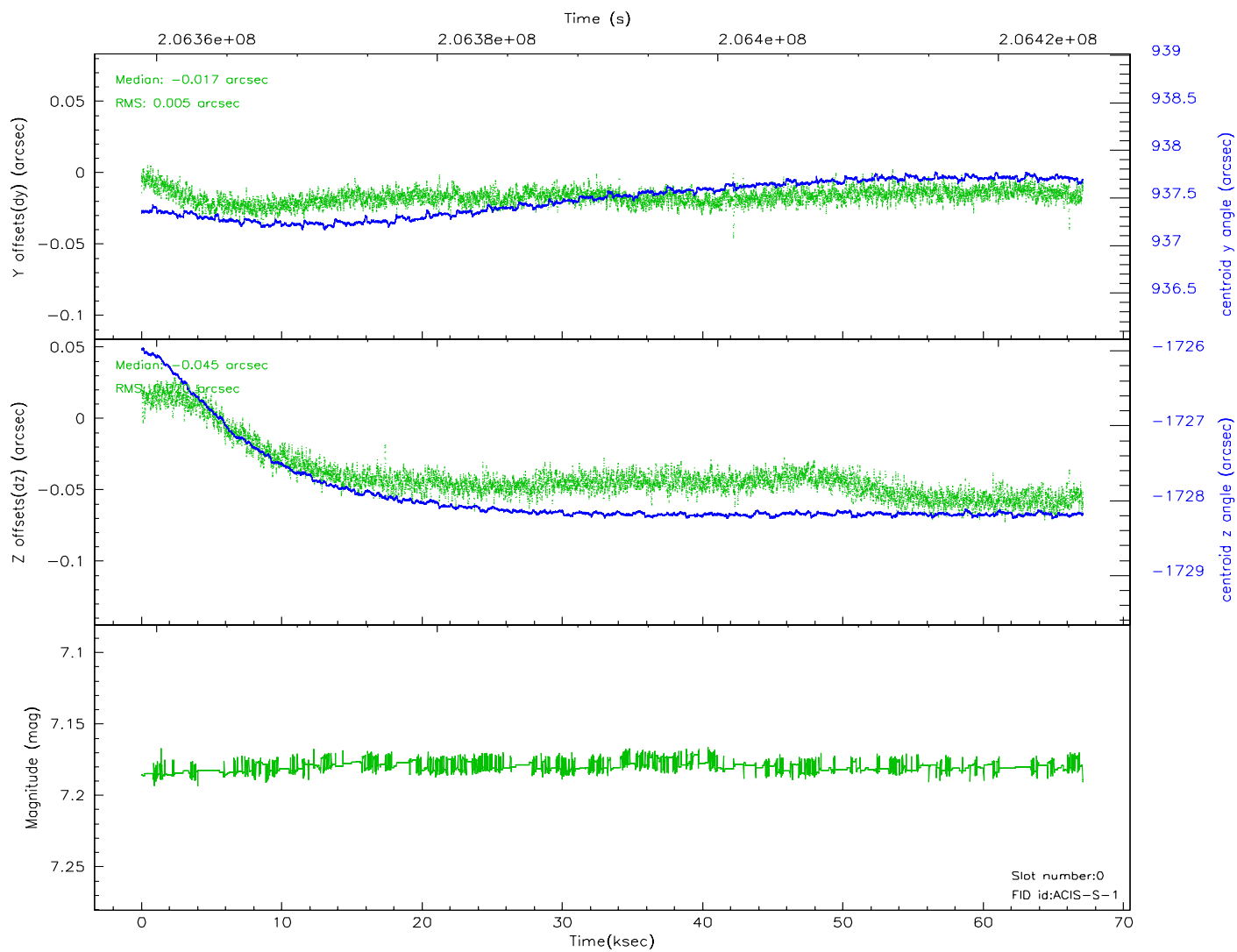
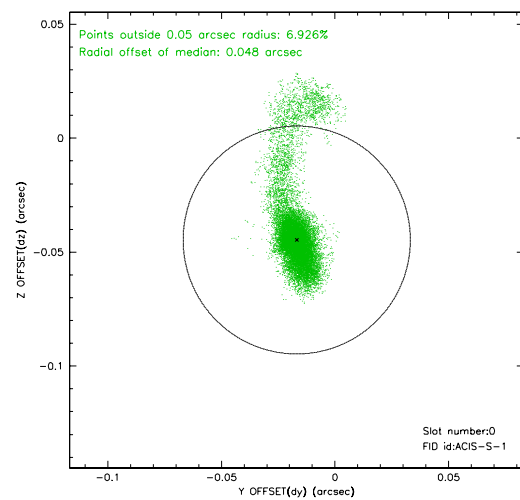
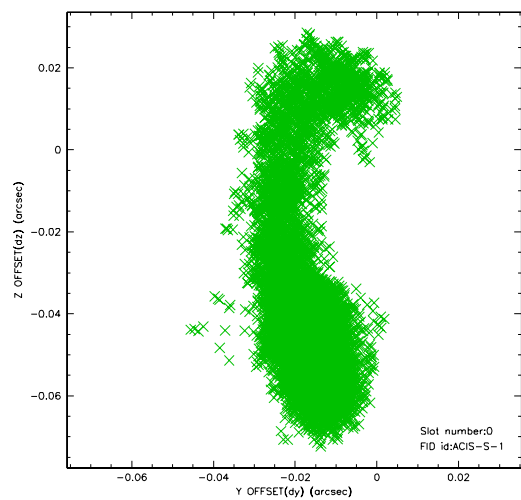


2.4.4 Slot 7

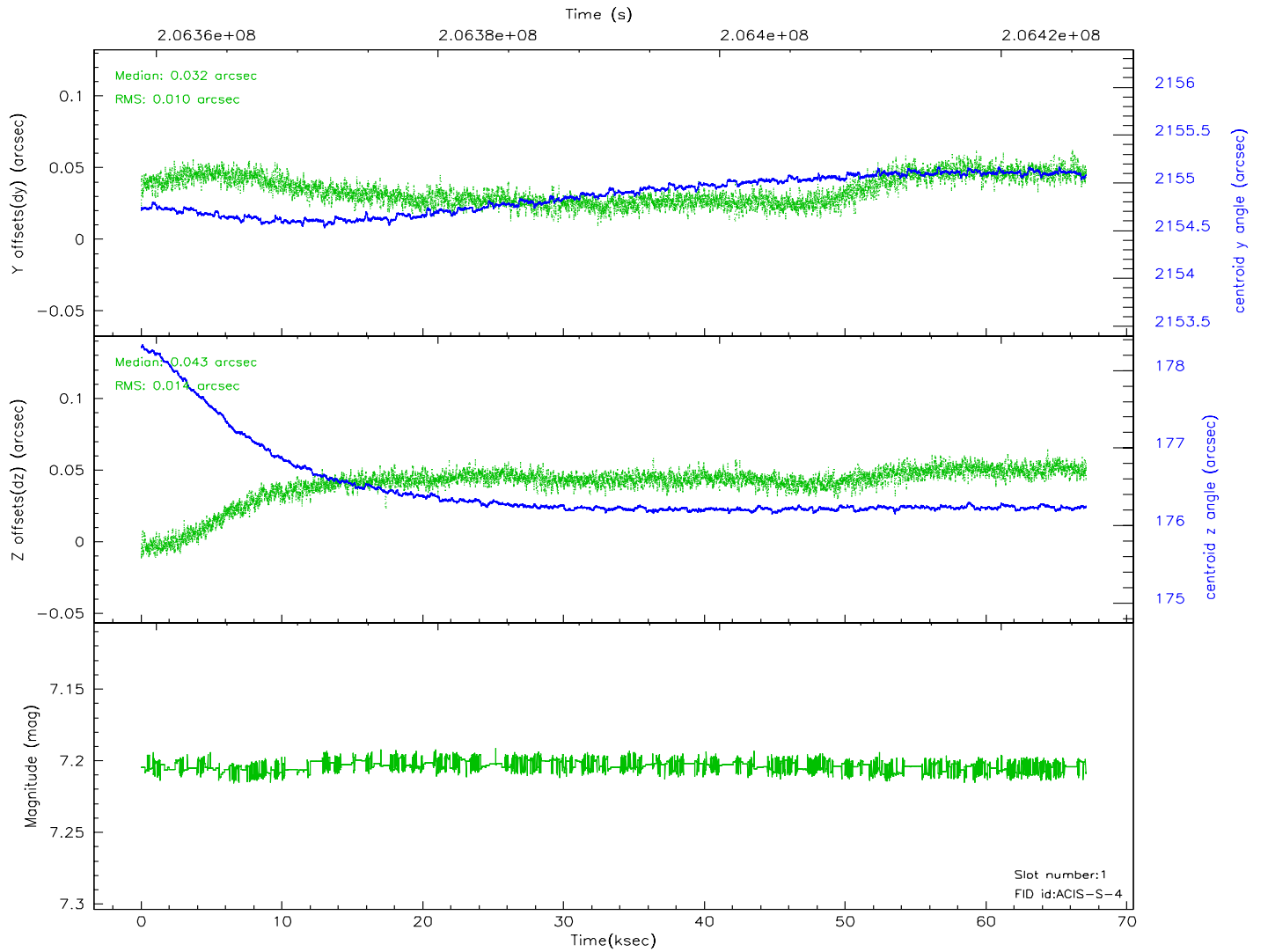
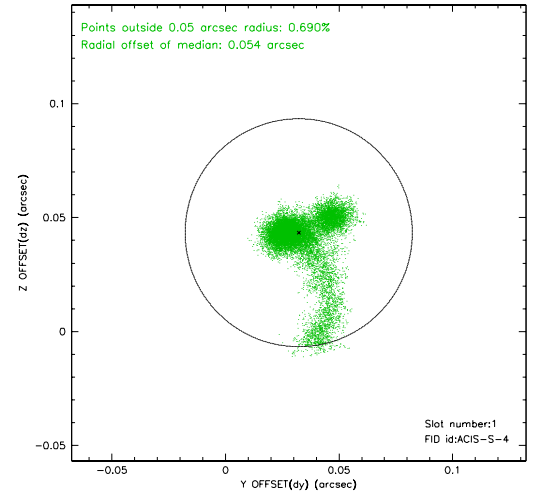
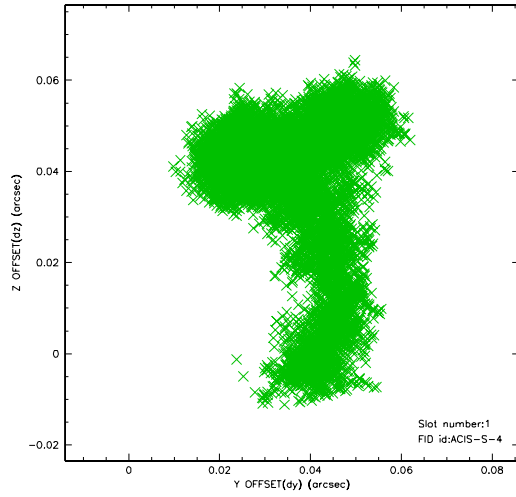


2.5 FID Slots

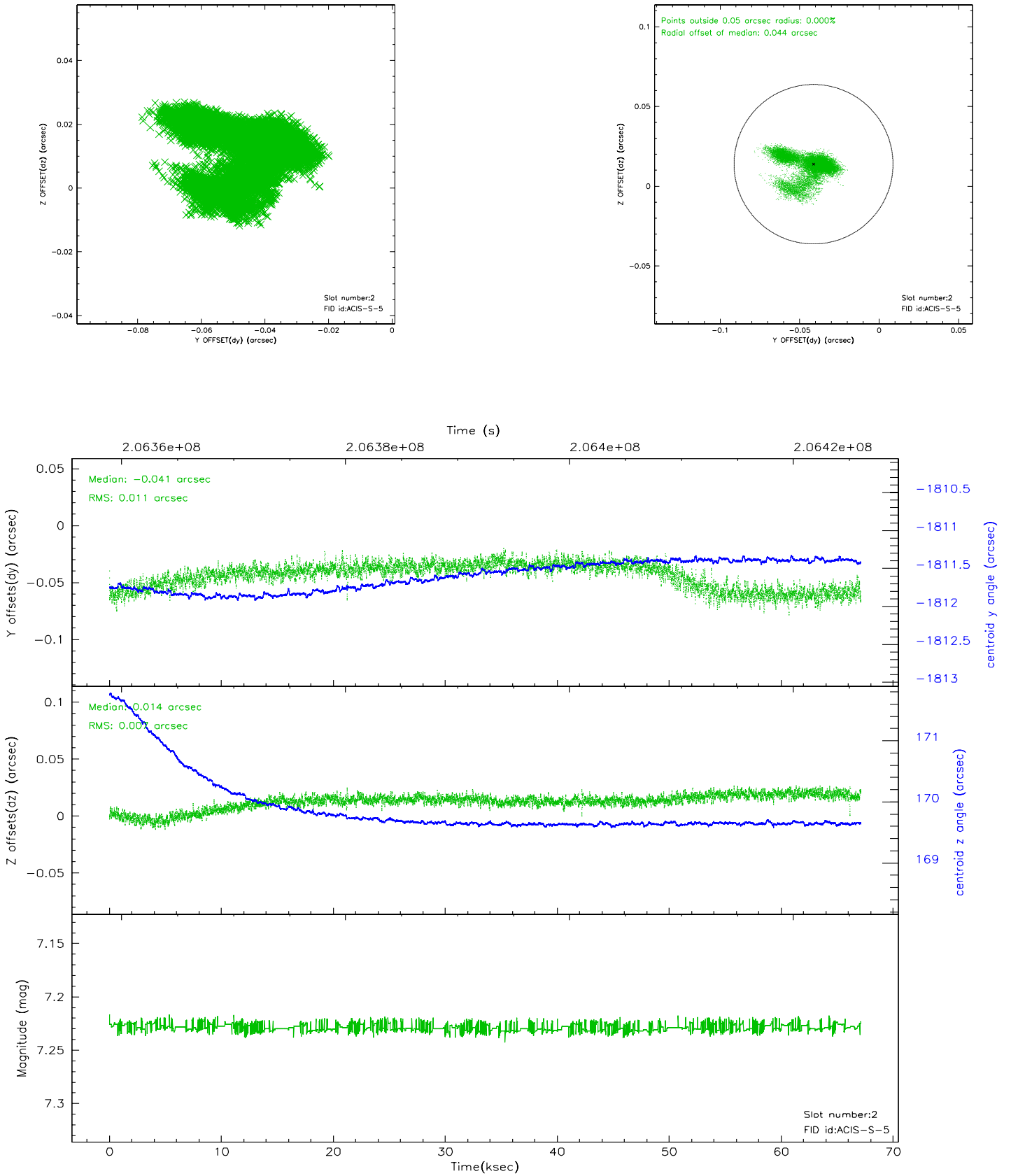
2.5.1 Slot 0



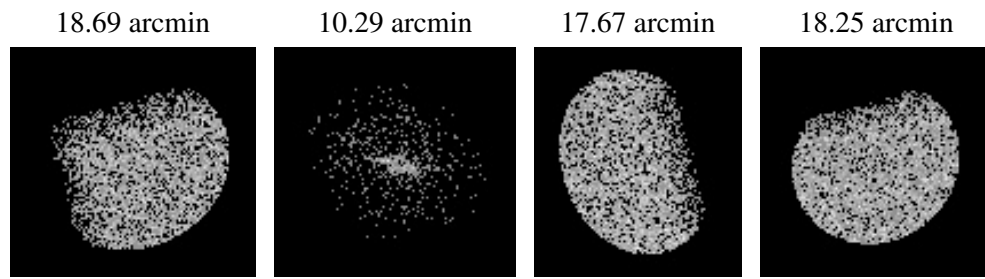
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.10.04
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	67.127

A.2 Comments

The guide star in slot 6 was manually excluded from the processing due to poor data quality.