

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3347 - L2 Version 001
Chandra X-Ray Center

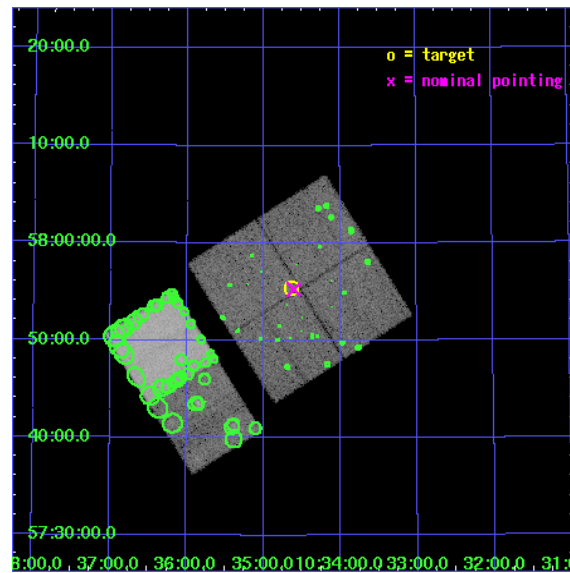
L2 Processing Date : Sep 14 2006

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

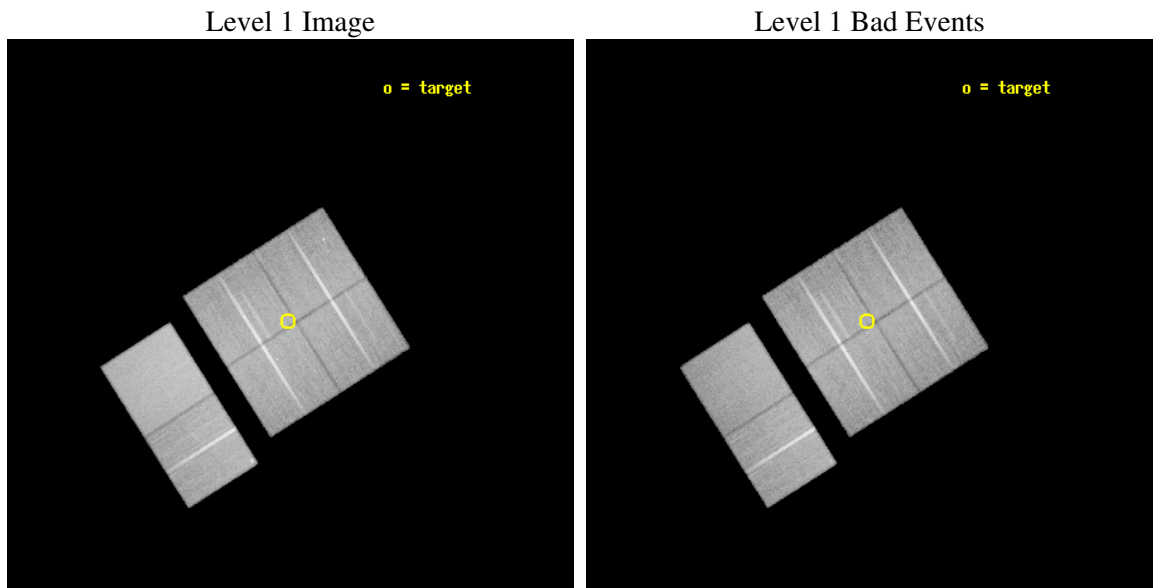
seq_num	900186
obs_id	3347
title	WIDE-FIELD CHANDRA SURVEY OF THE LOCKMAN HOLE-NORTHWEST
observer	Prof. AMY BARGER
object	LH-NW-8
dtcycle	0
cycle	P
ra_targ	158.658325
dec_targ	57.923611
ra_nom	158.65106368243
dec_nom	57.920949023722
roll_nom	237.63923755329
revision	2
ontime	38953.517904431
livetime	38460.265005732
ontime0	38959.999854863
ontime1	38956.758894622
ontime2	38953.517894447
ontime3	38953.517904431
ontime6	38956.758894622
ontime7	38959.999854863
l2events	256397



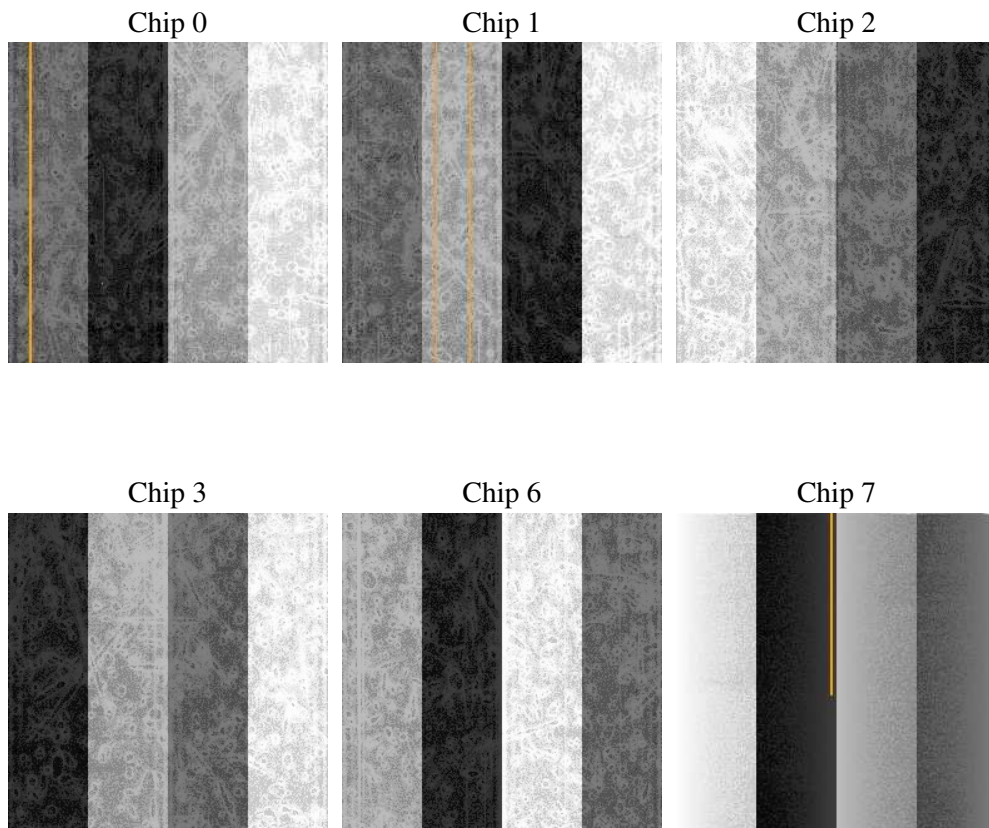
2 OBI

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	2006-09-15T01:02:44
revision	2

sched_exp_time	39000.000000
ontime	38960.060838193
ontime0	38966.542788625
ontime1	38963.301828384
ontime2	38960.060828209
ontime3	38960.060838193
ontime6	38963.301858306
ontime7	38966.542818546
l1events	1586020

2.1.4 Events

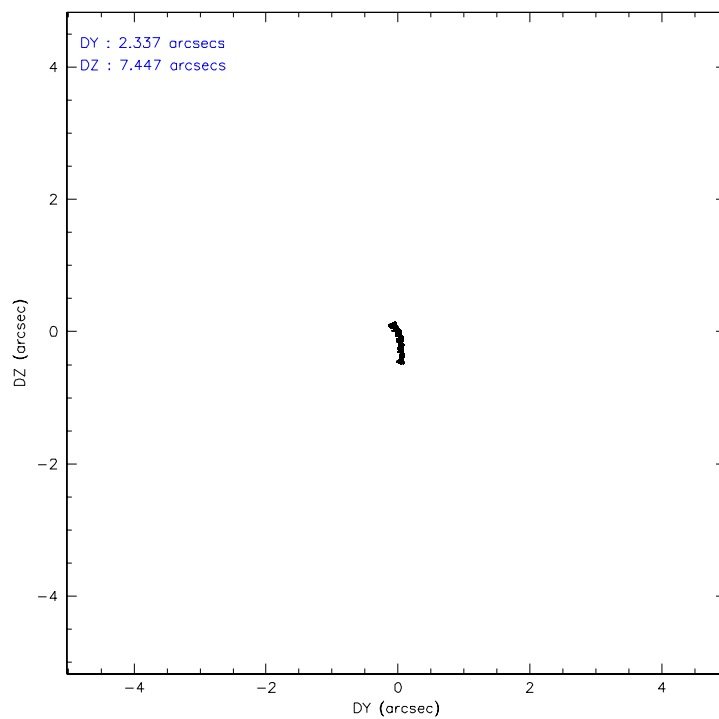
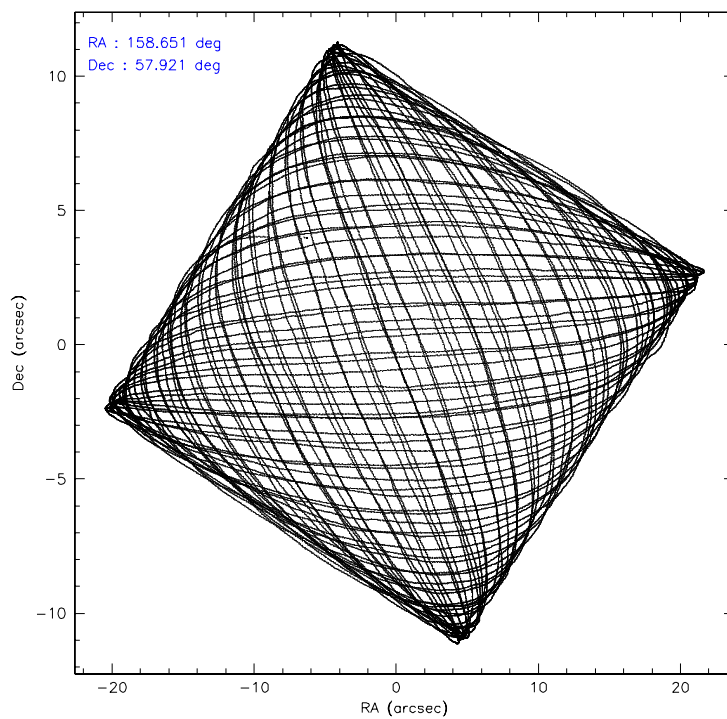
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	238261	231670	256847	255250	268563	335429
rejected events	207995	200124	226554	225582	237146	207146
rejected %	87%	86%	88%	88%	88%	61%

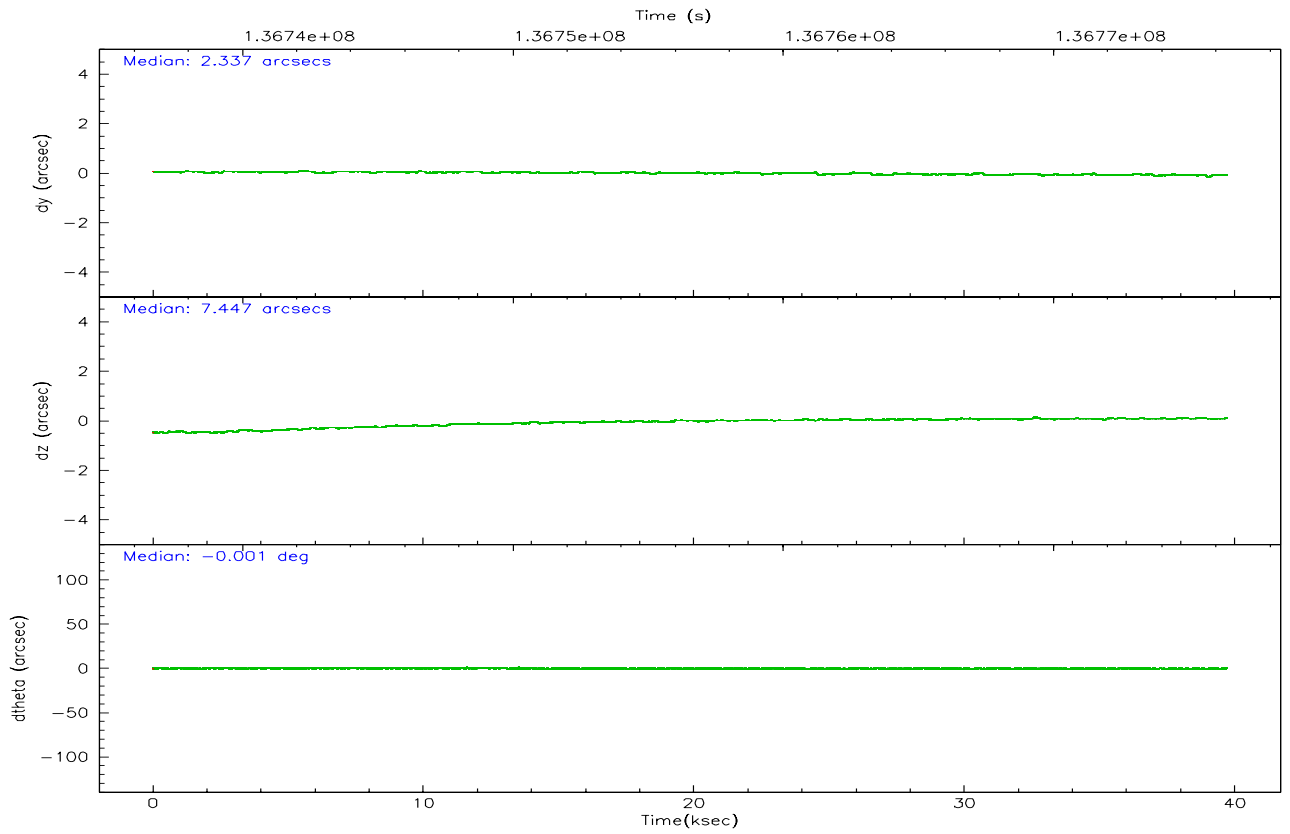
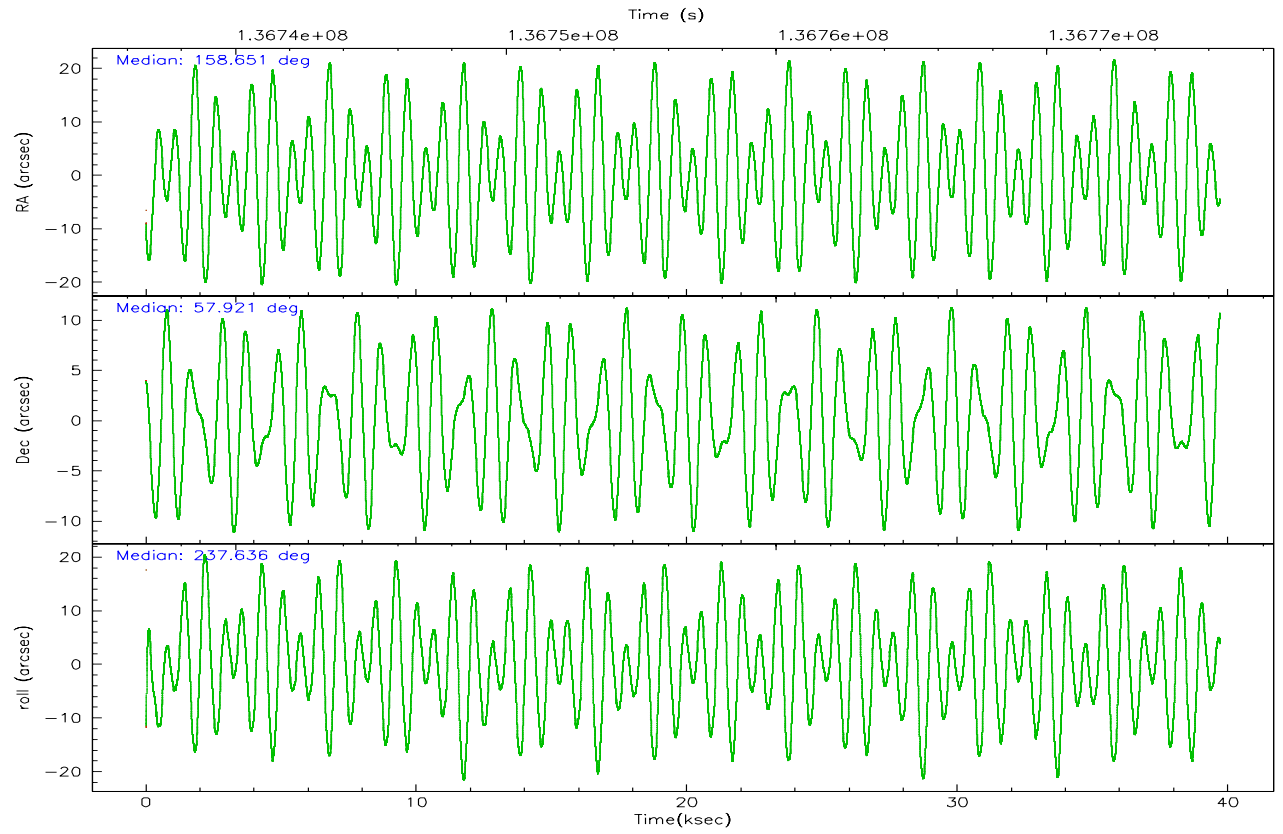
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	12505	12574	13233	12624	13220	7617
	5%	5%	5%	4%	4%	2%
grade 1 events	130	125	98	143	181	199
	0%	0%	0%	0%	0%	0%
grade 2 events	6605	6635	6453	6060	6253	31689
	2%	2%	2%	2%	2%	9%
grade 3 events	3069	3175	2775	2874	2959	6665
	1%	1%	1%	1%	1%	1%
grade 4 events	2765	3136	2704	2762	2959	6545
	1%	1%	1%	1%	1%	1%
grade 5 events	9499	10060	9257	10459	11506	22803
	3%	4%	3%	4%	4%	6%
grade 6 events	5325	6031	5134	5352	6032	75790
	2%	2%	1%	2%	2%	22%
grade 7 events	198363	189934	217193	214976	225453	184121
	83%	81%	84%	84%	83%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	158.653051	158.6510636824298	Subarray requested	NONE	NONE
Pointing Dec	57.948333	57.92094902372229	Alternating exposures requested	N	N
Pointing Roll	237.428873	237.6392375532904	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	136737408.184000	136736187.27427			
Observation start date	2002-05-02T14:35:44	2002-05-02T14:16:27			
Observation end time	136776408.184000	136776941.27593			
Observation end date	2002-05-03T01:25:44	2002-05-03T01:35:41			
Read mode	TIMED	TIMED			

2.3 Aspect



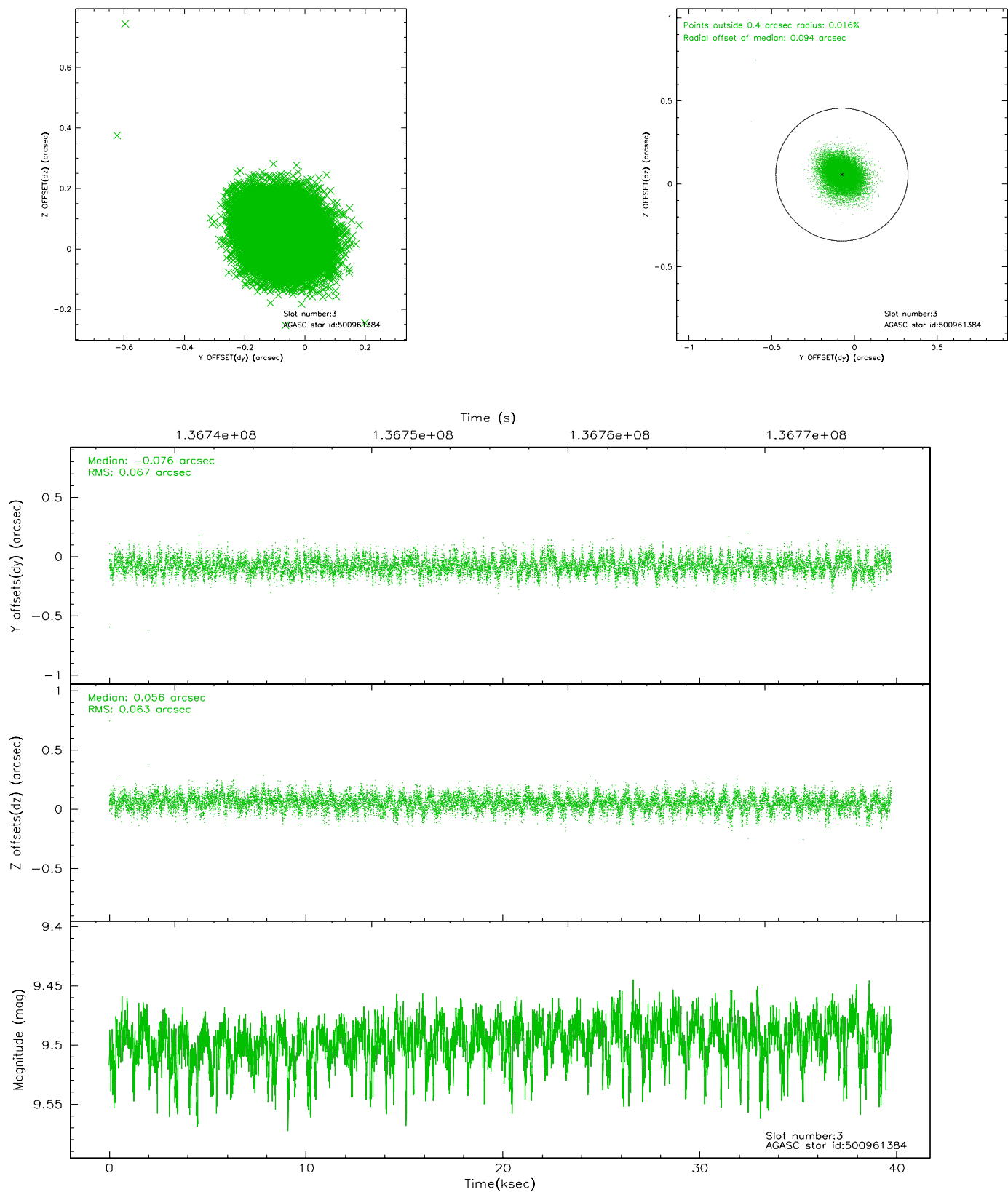


Slot Statistics

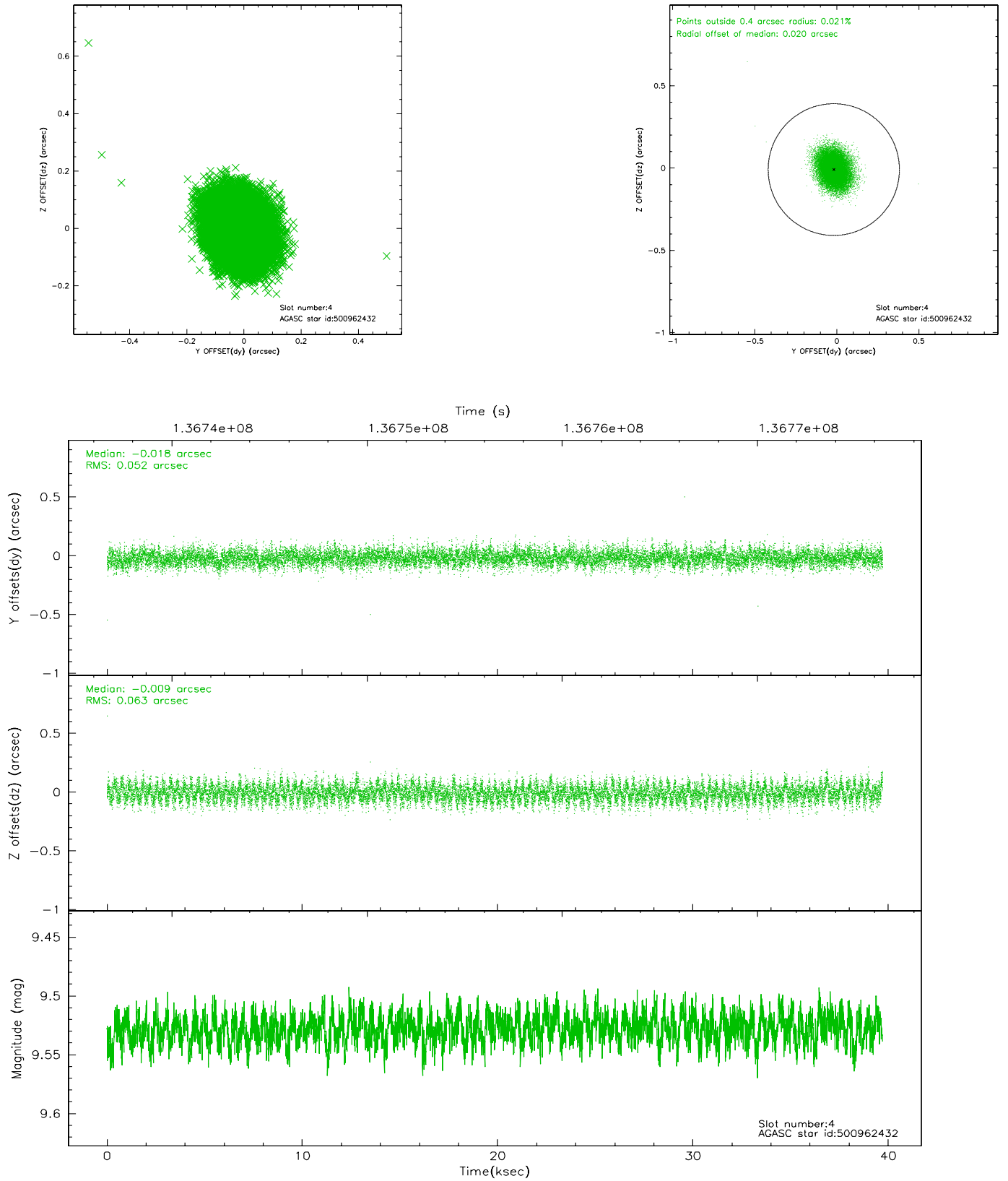
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	9687	-0.027	0.063	0.010	0.018	0.000000	0.000000	937.43	-830.73
1	FID	ACIS-I-5	7.24	9687	-0.016	0.042	0.006	0.010	0.000000	0.000000	-1810.62	1066.78
2	FID	ACIS-I-6	7.26	9684	-0.048	-0.034	0.009	0.017	0.000000	0.000000	402.99	1711.19
3	GUIDE	500961384	9.50	19340	-0.076	0.056	0.098	0.160	159.416101	58.123584	-1319.88	878.40
4	GUIDE	500962432	9.53	19356	-0.018	-0.009	0.087	0.141	158.977500	58.020820	-554.51	380.06
5	GUIDE	500568656	8.48	19370	0.072	0.041	0.079	0.119	159.217900	57.306375	1352.22	2167.49
6	GUIDE	500959408	9.52	19357	0.064	-0.084	0.102	0.171	157.361573	57.862425	1572.10	-1930.20
7	GUIDE	500965000	8.92	19358	-0.040	-0.007	0.088	0.140	159.614449	57.527596	264.57	2374.18

2.4 Star Slots

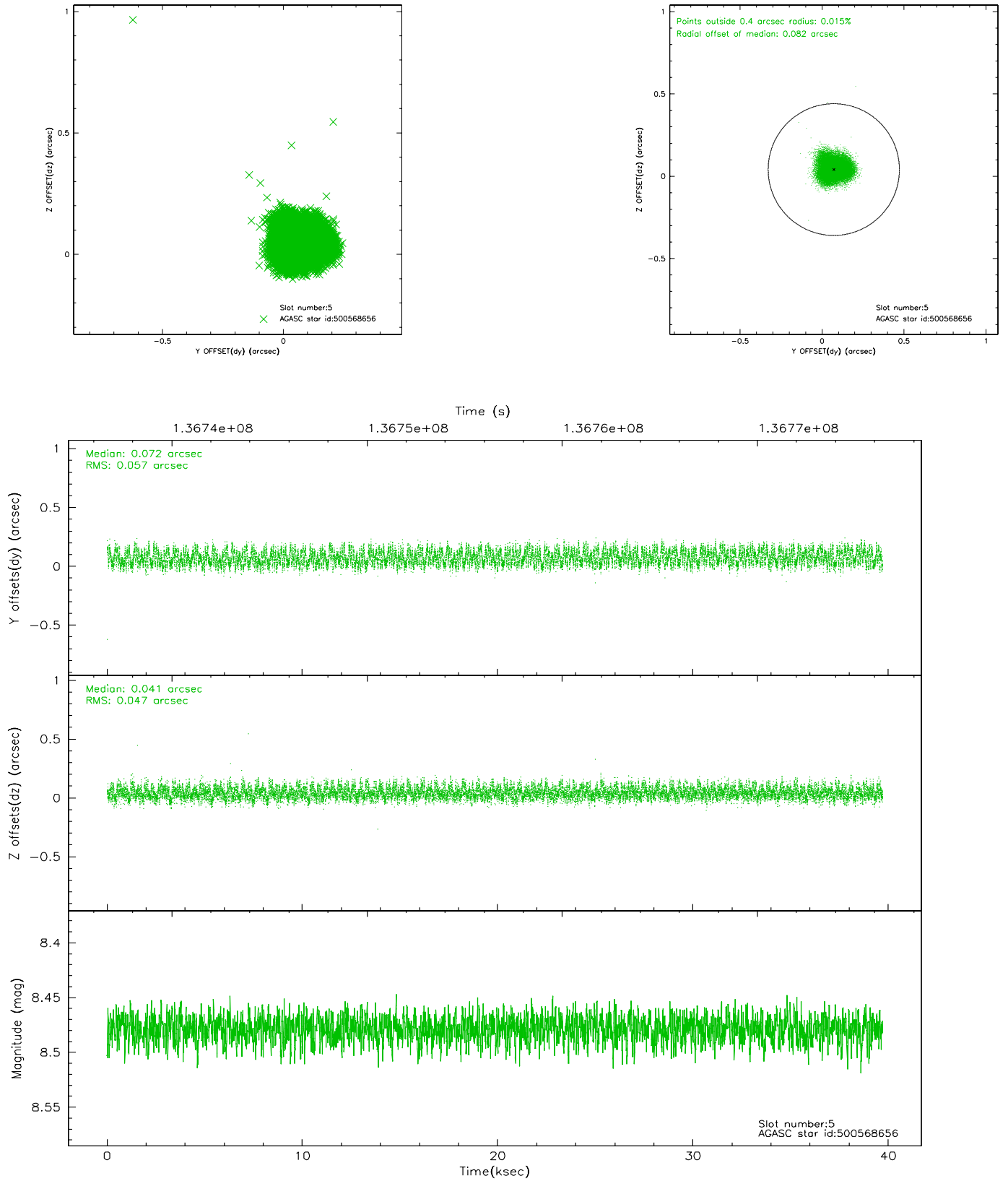
2.4.1 Slot 3



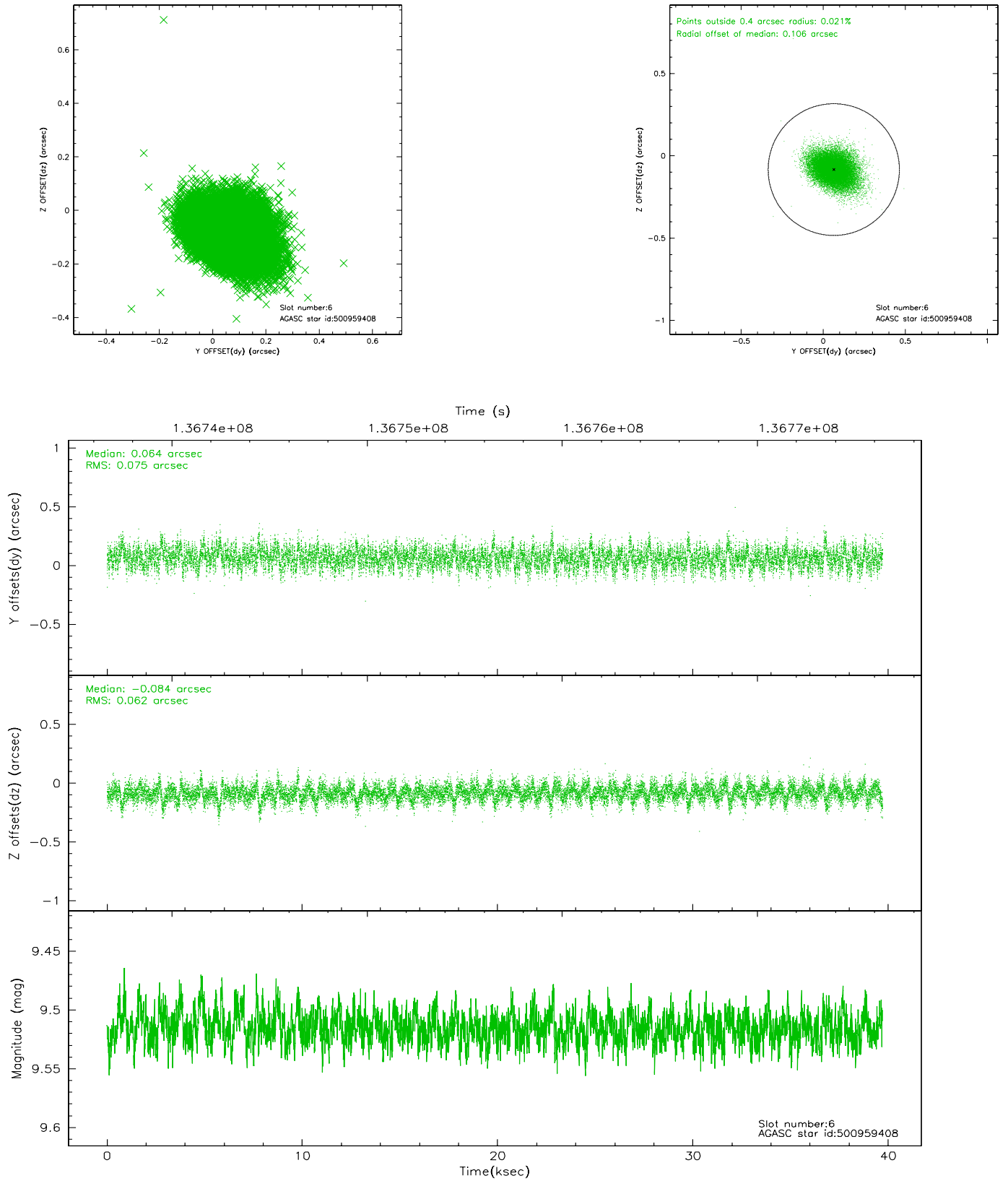
2.4.2 Slot 4



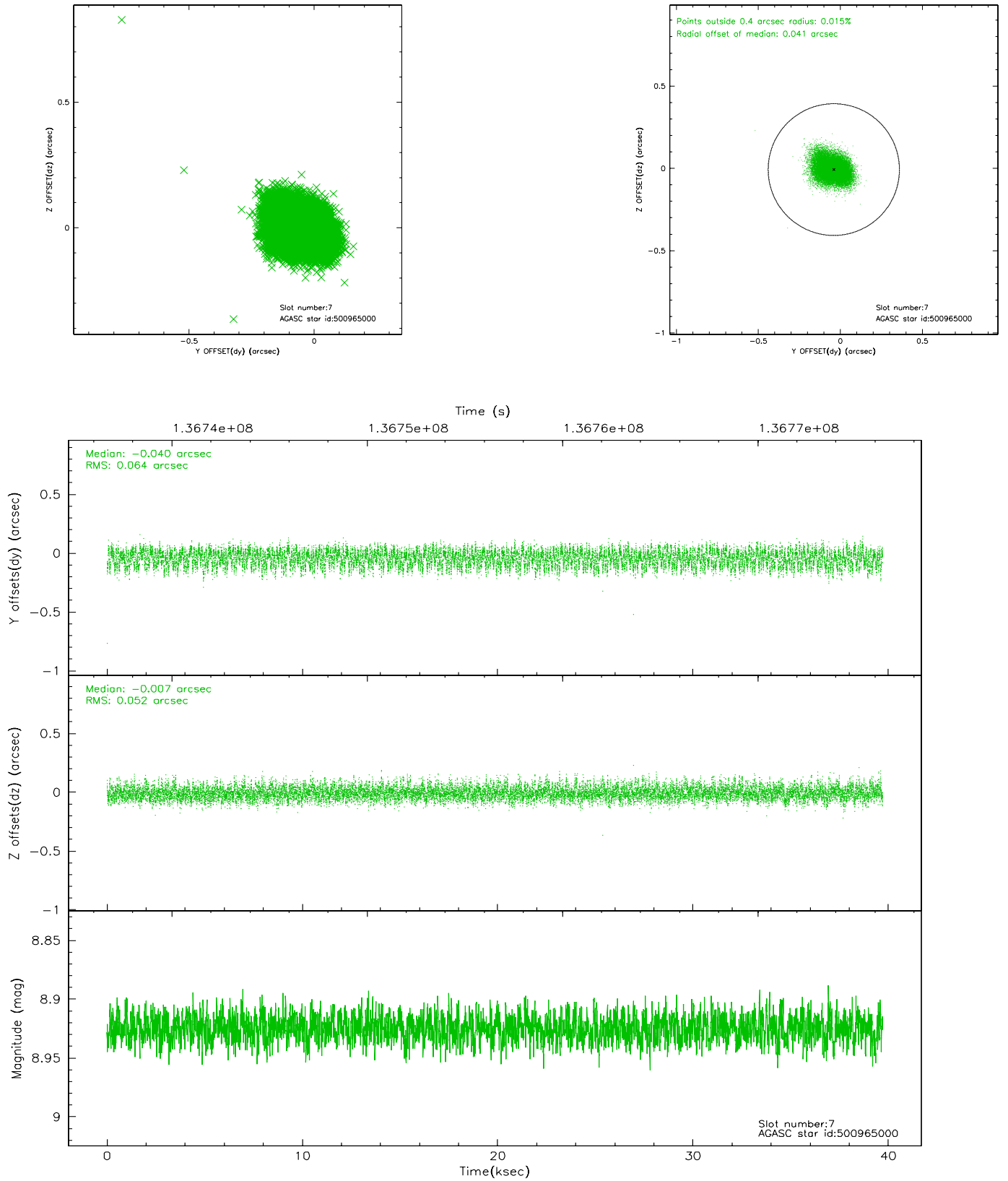
2.4.3 Slot 5



2.4.4 Slot 6

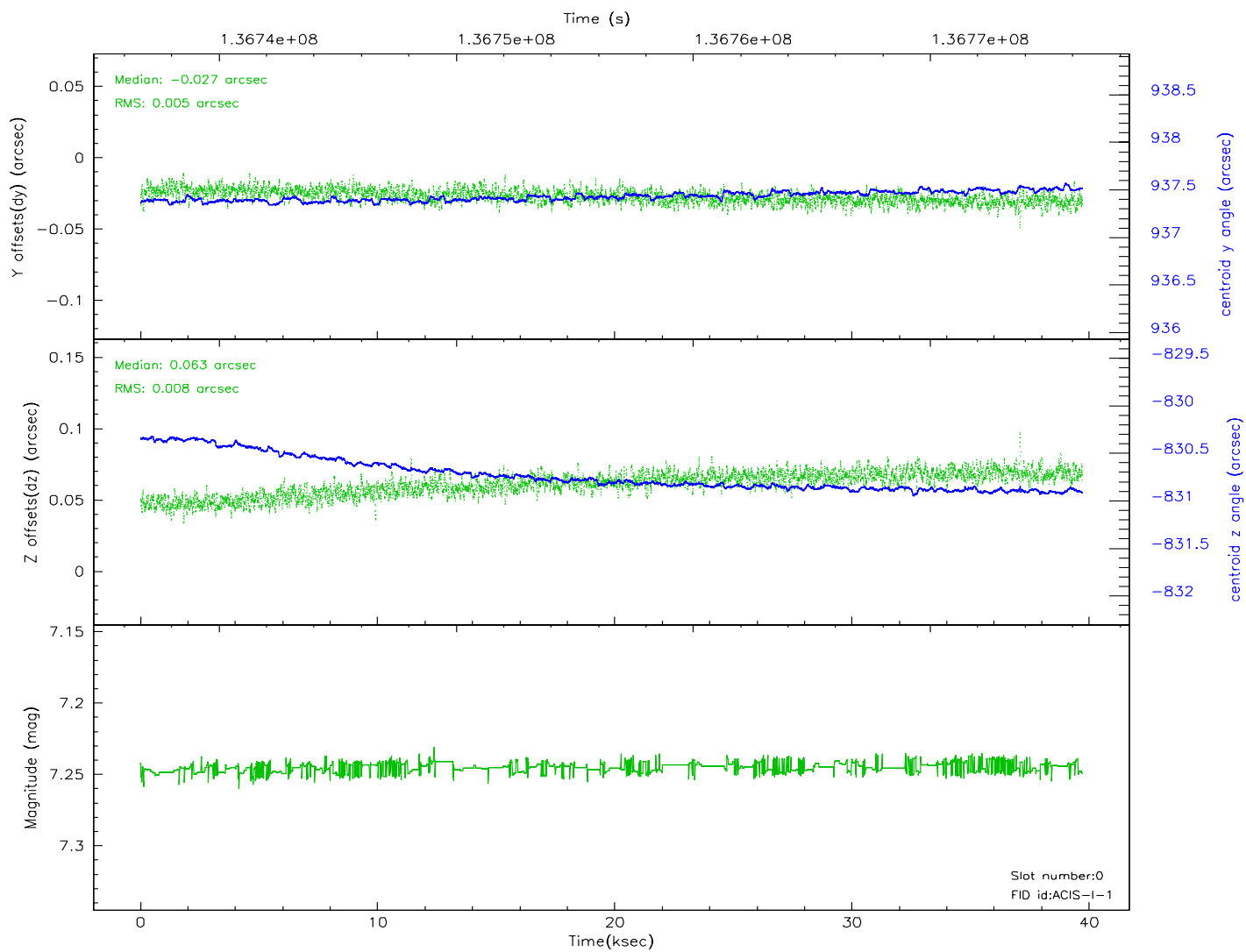
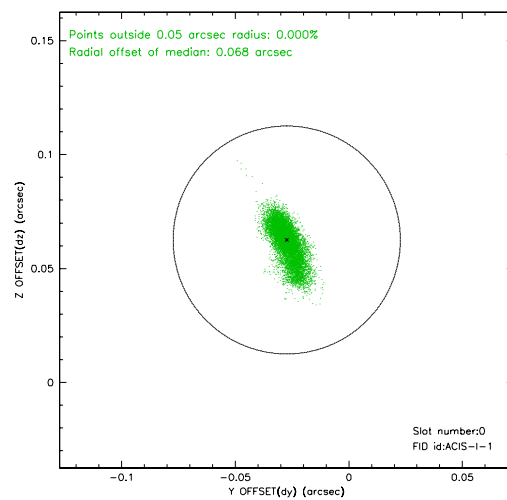
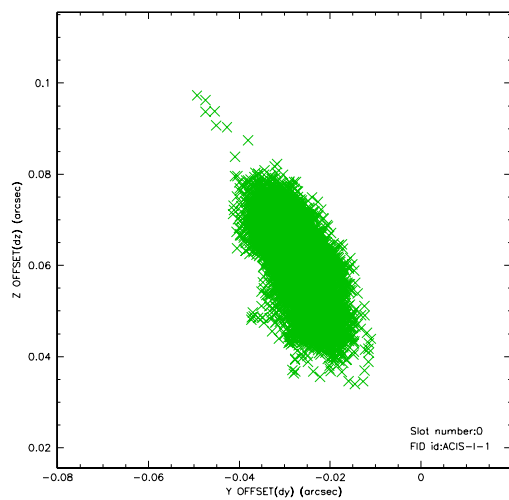


2.4.5 Slot 7

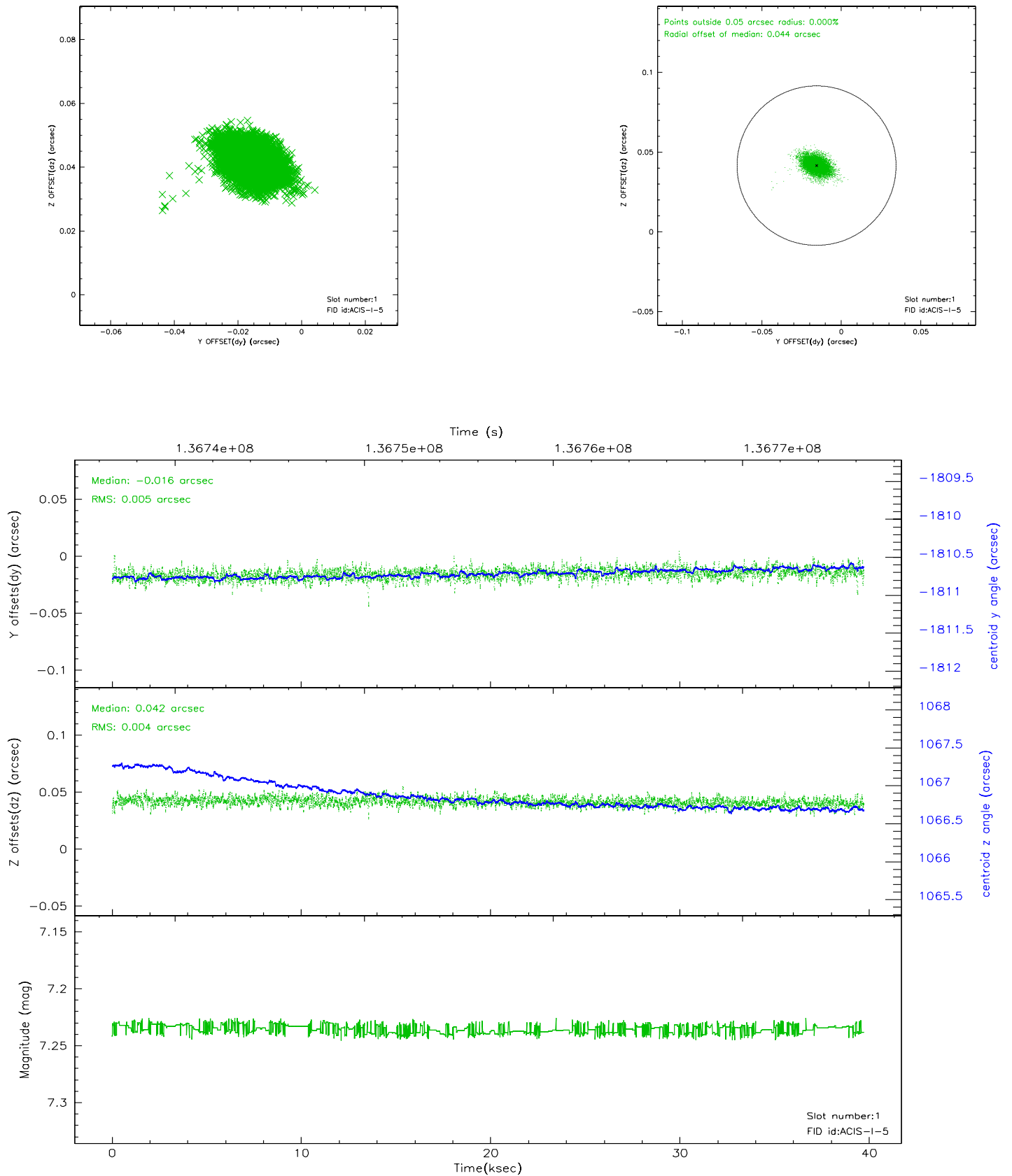


2.5 FID Slots

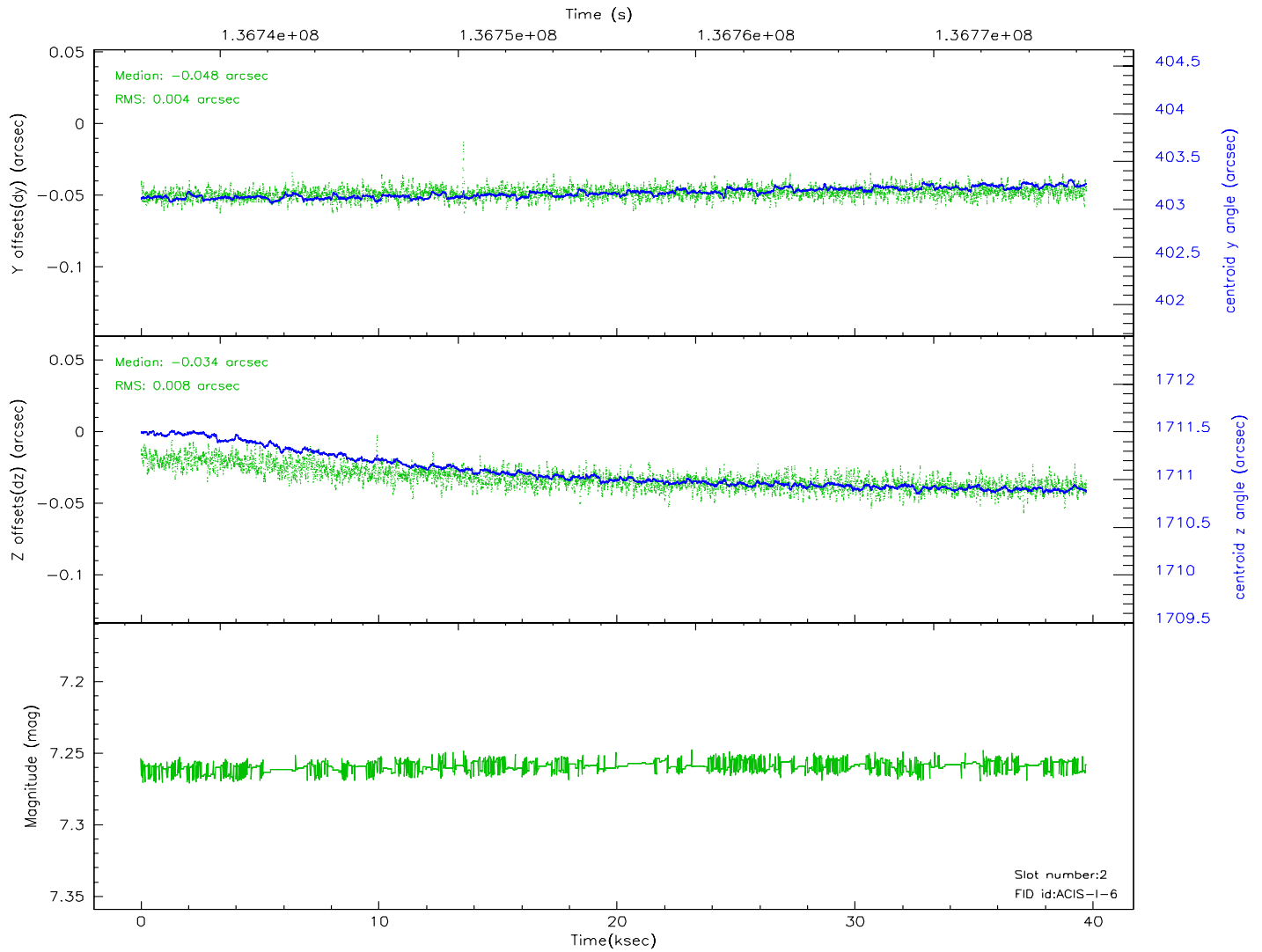
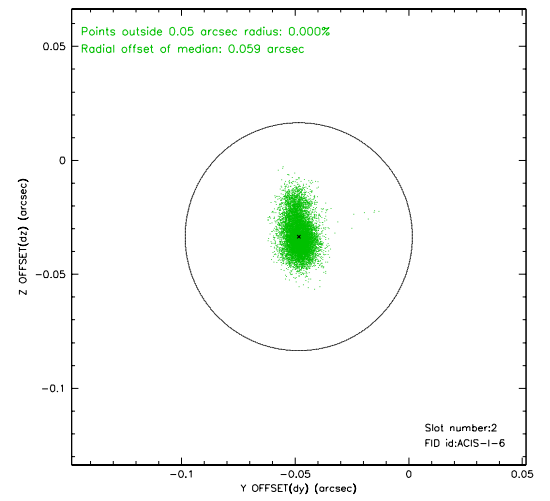
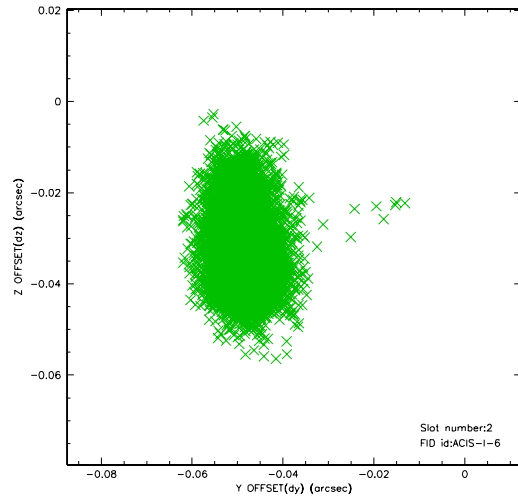
2.5.1 Slot 0



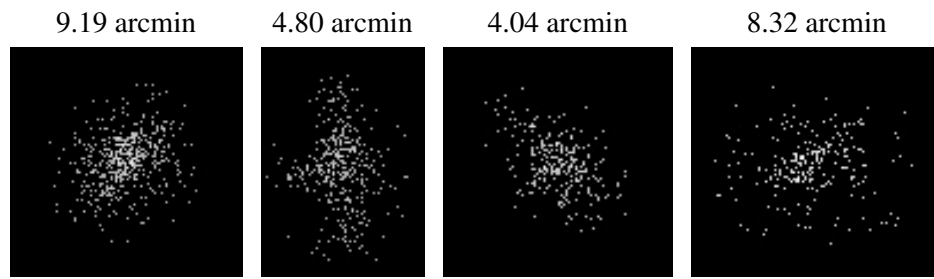
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.09.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.956

A.2 Comments