

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1883 - L2 Version 001
Chandra X-Ray Center

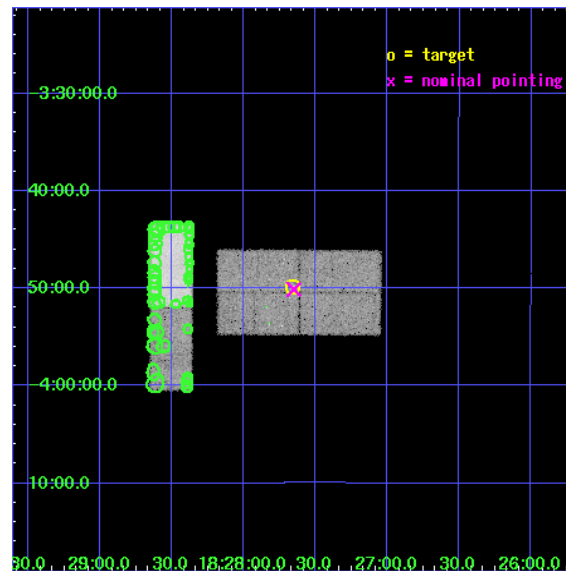
L2 Processing Date : Jan 3 2007

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

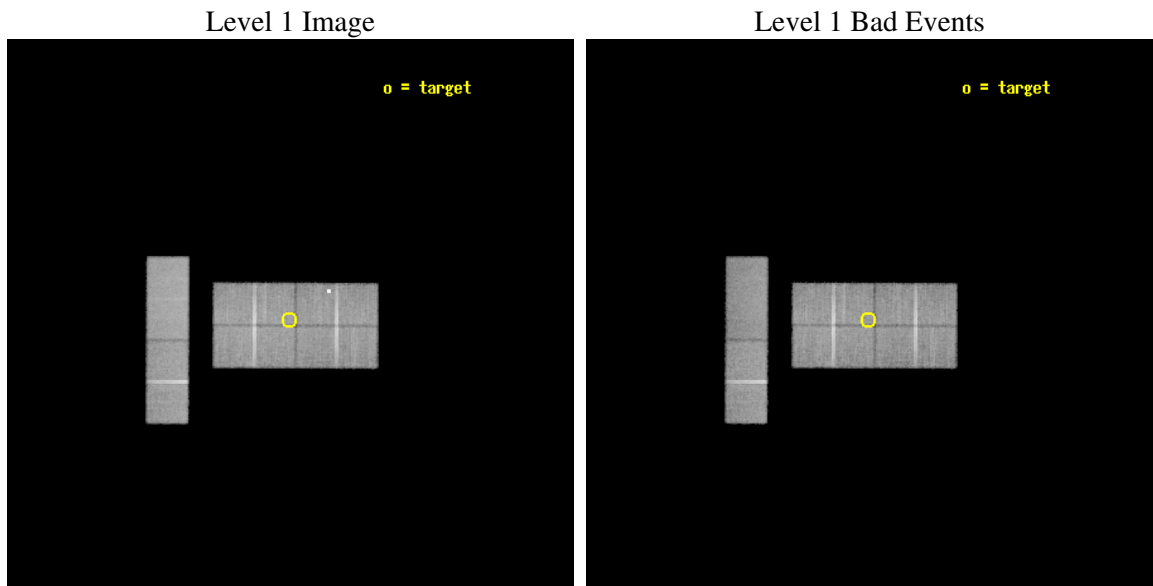
seq_num	200111
obs_id	1883
title	REVEALING THE MAGNETIC ACTIVITIES ON HERBIG AE/BE STARS
observer	Dr. Shigeo Yamauchi
object	MWC297
dtcycle	0
cycle	P
ra_targ	276.915
dec_targ	-3.831111
ra_nom	276.9131694827
dec_nom	-3.8354670459262
roll_nom	270.2718486246
revision	2
ontime	38181.517856762
livetime	37330.385077006
ontime0	38181.517856762
ontime1	38181.517856762
ontime2	38181.517856762
ontime3	38181.517856762
ontime6	38181.517856762
ontime7	38181.517856762
l2events	123150



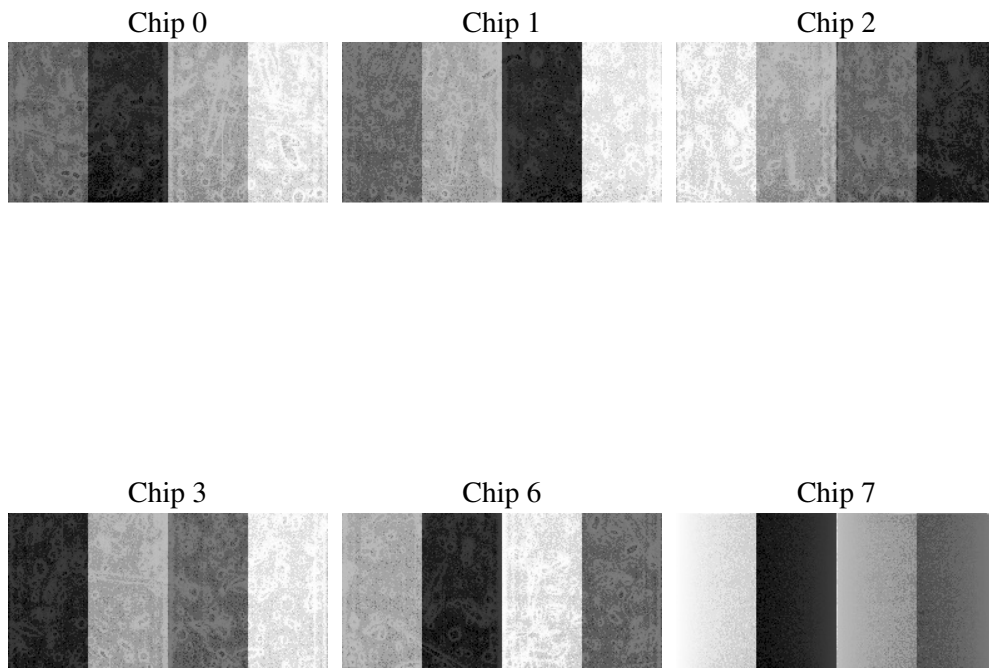
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2007-01-03T19:29:42
revision	2

sched_exp_time	38050.000000
ontime	38943.024752185
ontime0	38943.024752185
ontime1	38943.024752185
ontime2	38943.024752185
ontime3	38943.024752185
ontime6	38943.024752185
ontime7	38943.024752185
l1events	886486

2.1.4 Events

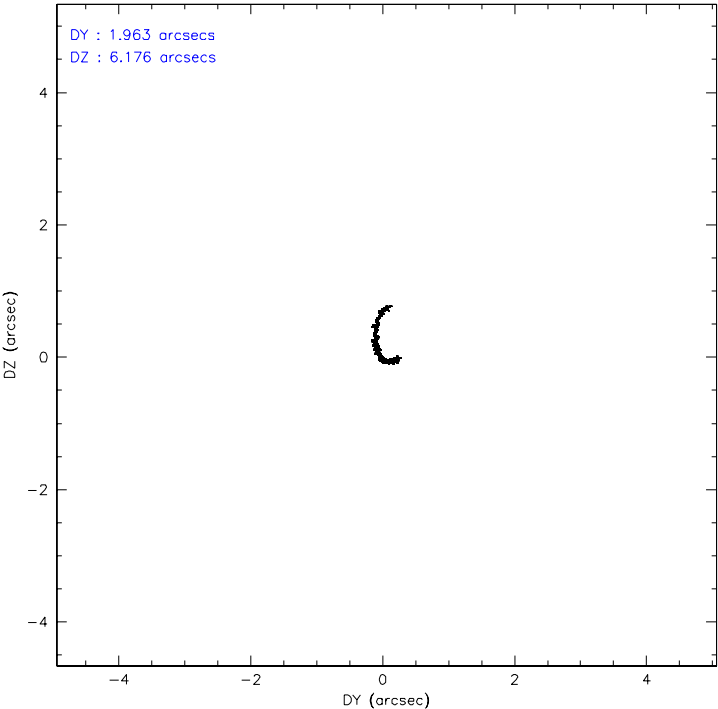
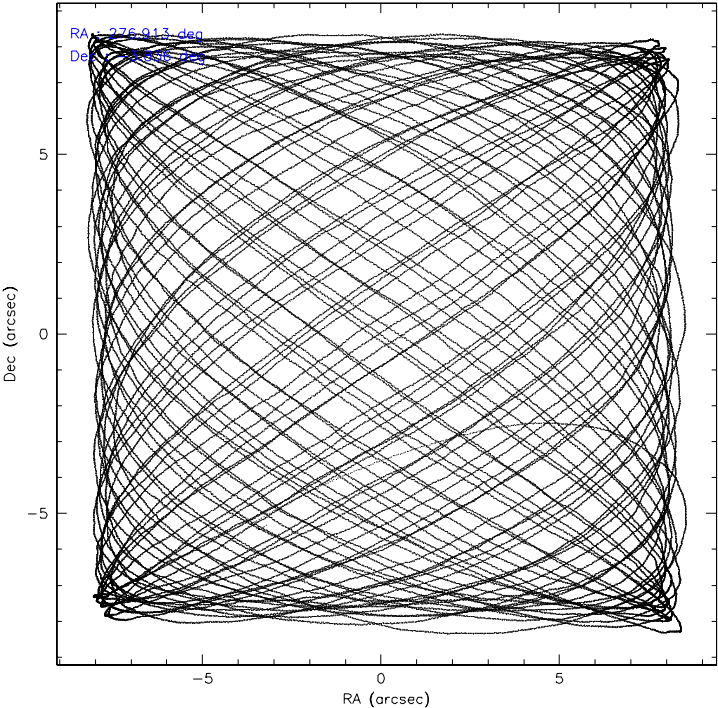
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	131995	142428	145366	145901	151591	169205
rejected events	116912	121601	130016	130820	136071	107965
rejected %	88%	85%	89%	89%	89%	63%

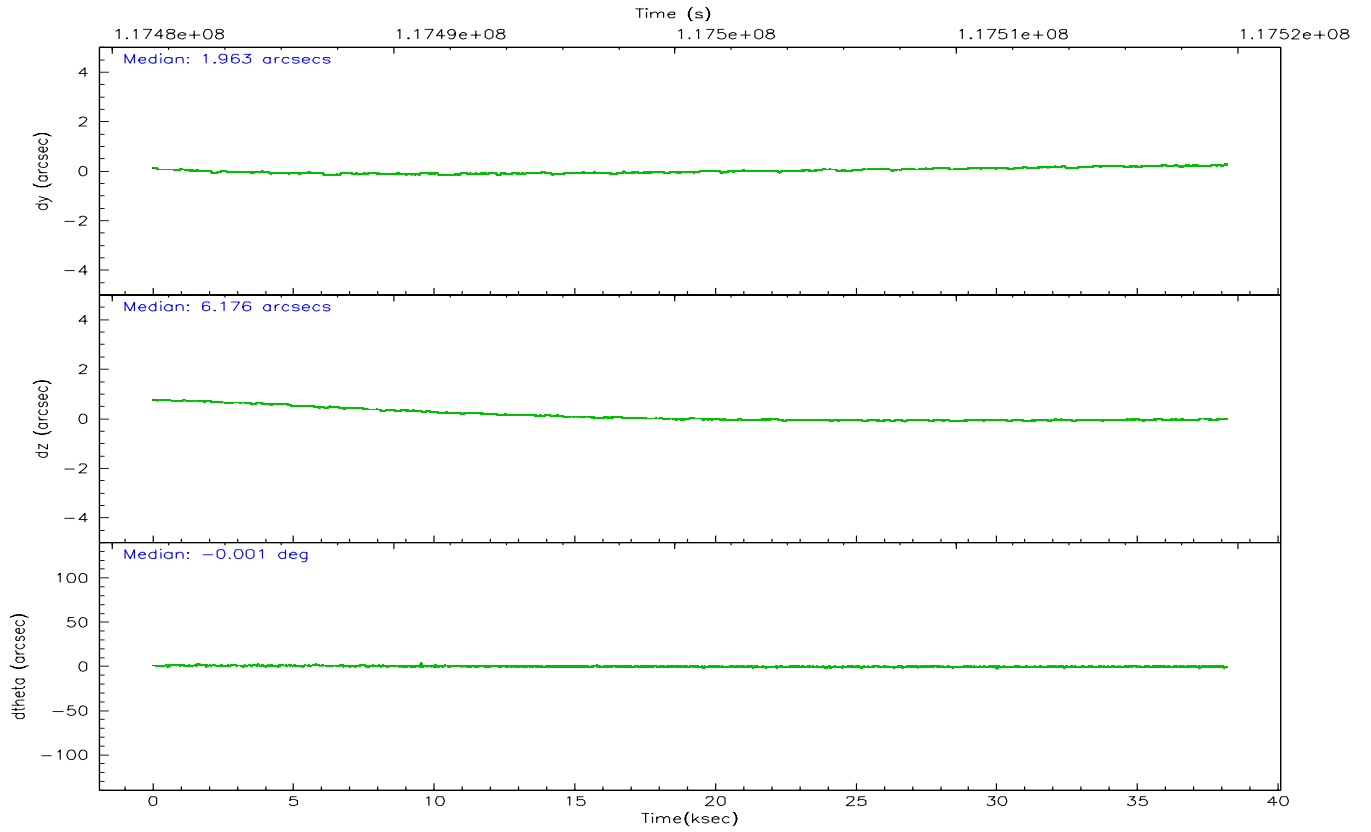
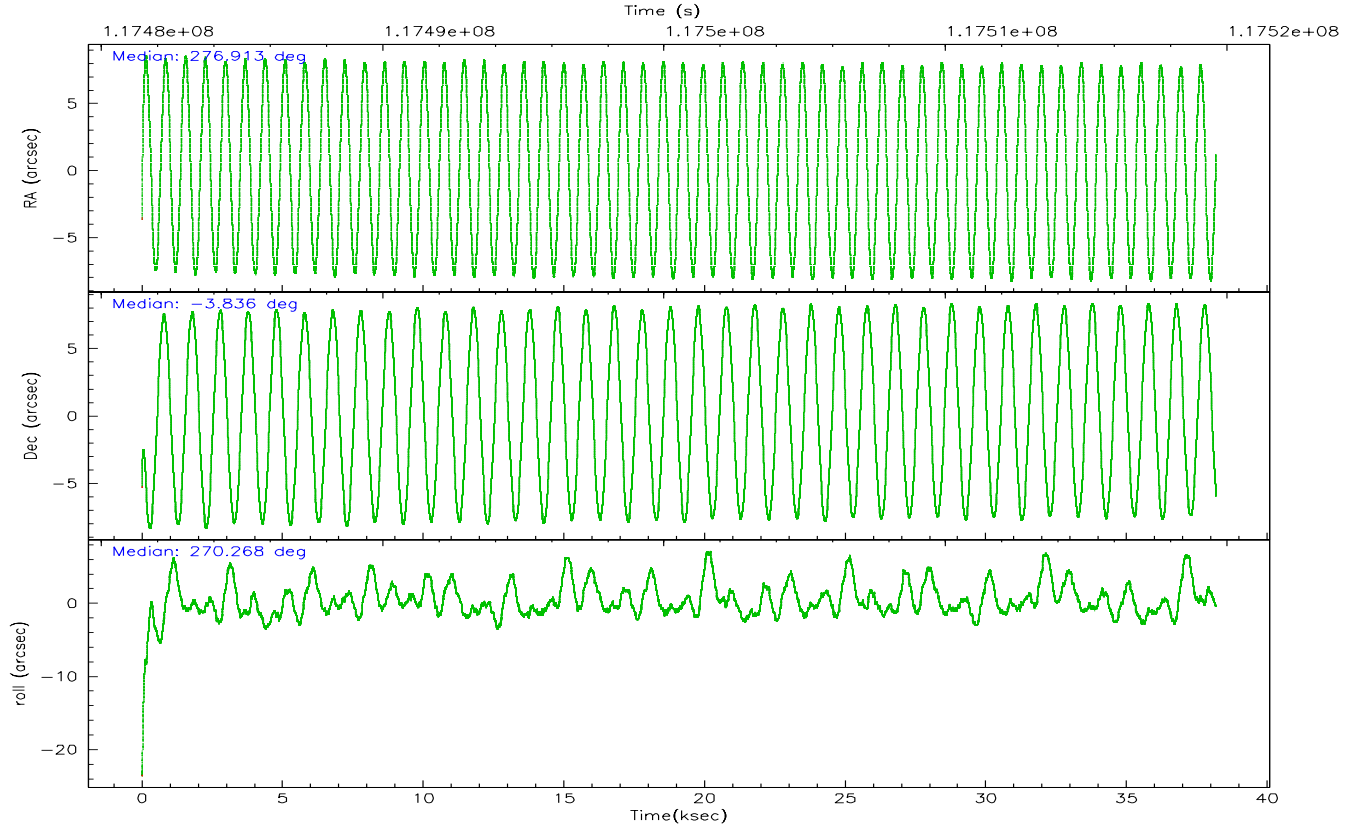
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6144	11665	6103	6137	5755	3340
	4%	8%	4%	4%	3%	1%
grade 1 events	77	61	52	71	67	98
	0%	0%	0%	0%	0%	0%
grade 2 events	3285	3201	3209	2931	3105	16140
	2%	2%	2%	2%	2%	9%
grade 3 events	1714	1824	1823	1852	1868	3129
	1%	1%	1%	1%	1%	1%
grade 4 events	1622	1724	1755	1744	1908	3110
	1%	1%	1%	1%	1%	1%
grade 5 events	4940	5260	4723	5219	5981	10625
	3%	3%	3%	3%	3%	6%
grade 6 events	2631	2830	2779	2725	3217	36723
	1%	1%	1%	1%	2%	21%
grade 7 events	111582	115863	124922	125222	129690	96040
	84%	81%	85%	85%	85%	56%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	276.899276	276.9131694826974	Subarray requested	1/2	1/2
Pointing Dec	-3.811795	-3.8354670459262	Subarray start row	0	513
Pointing Roll	270.062236	270.2718486245958	Subarray row count	1024	512
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.000000	1.8
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	117481582.184000	117480370.96294			
Observation start date	2001-09-21T17:45:18	2001-09-21T17:26:10			
Observation end time	117519632.184000	117520063.06451			
Observation end date	2001-09-22T04:19:28	2001-09-22T04:27:43			
Read mode	TIMED	TIMED			

2.3 Aspect



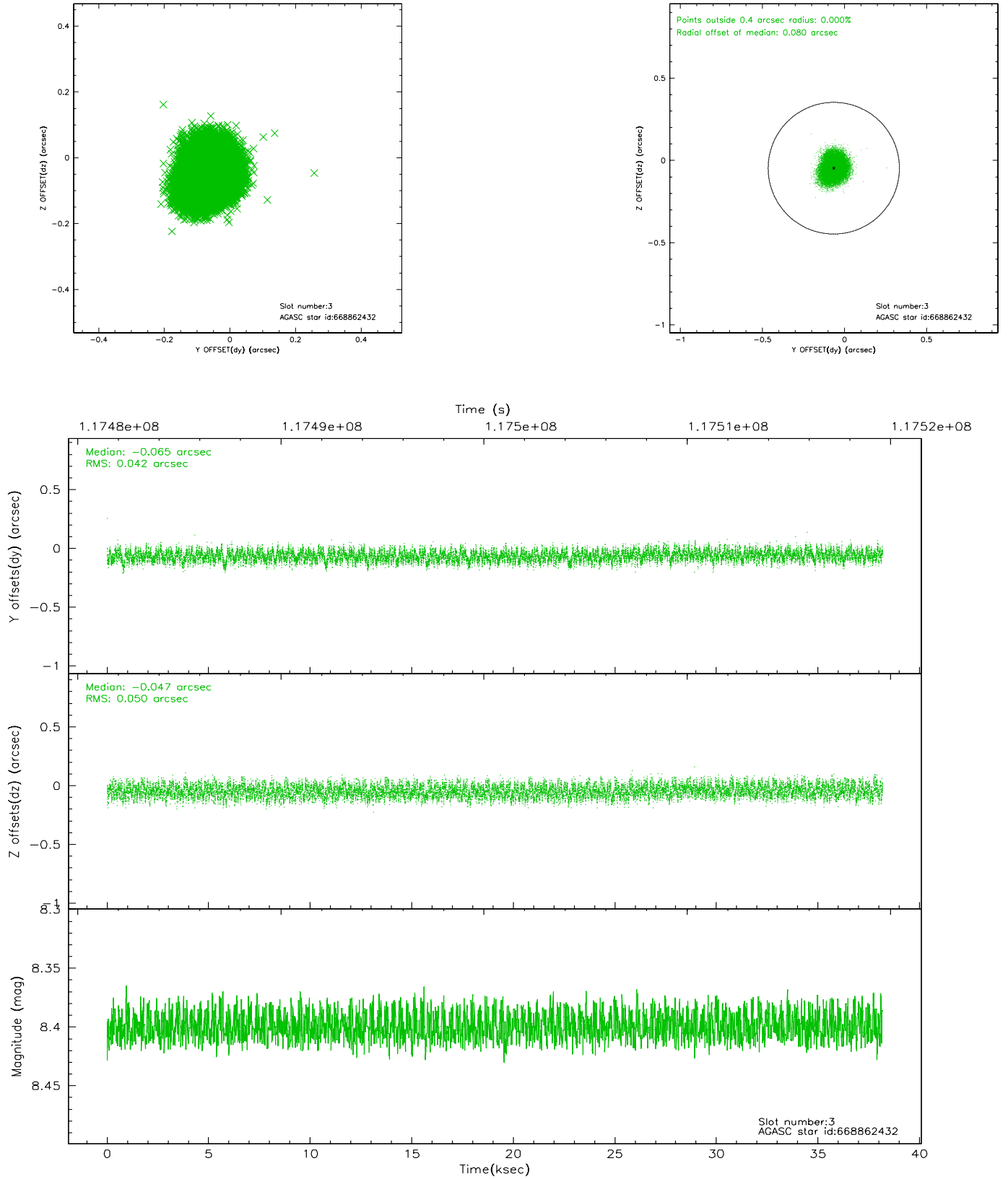


Slot Statistics

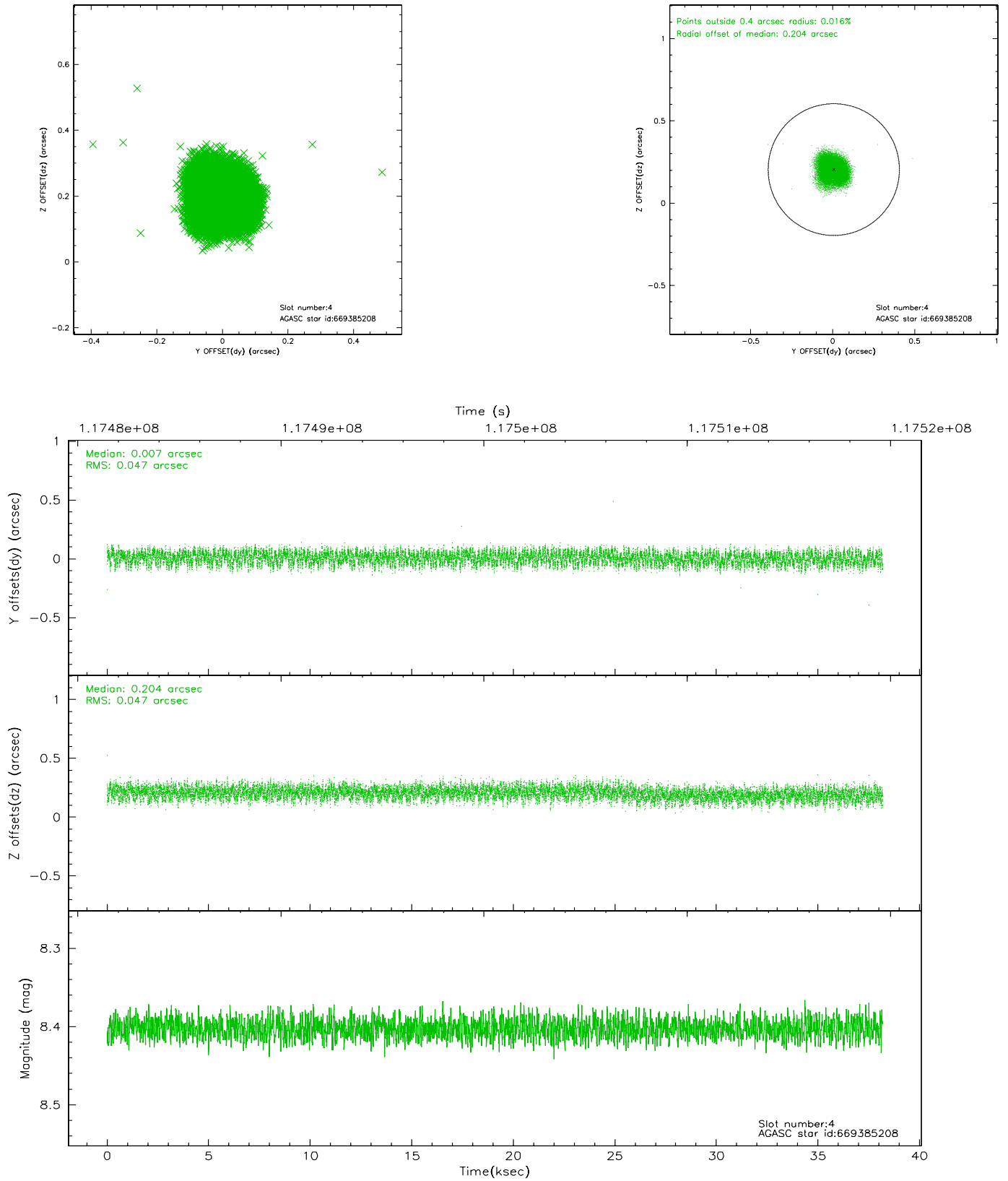
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	9313	-0.026	0.041	0.012	0.021	0.000000	0.000000	937.80	-829.66
1	FID	ACIS-I-5	7.24	9312	-0.014	0.037	0.013	0.022	0.000000	0.000000	-1810.25	1067.85
2	FID	ACIS-I-6	7.26	9314	-0.053	-0.011	0.010	0.017	0.000000	0.000000	403.33	1712.30
3	GUIDE	668862432	8.40	18625	-0.065	-0.047	0.071	0.107	276.346137	-3.350697	-1661.74	-1985.84
4	GUIDE	669385208	8.40	18624	0.007	0.204	0.071	0.112	277.478886	-3.985344	627.25	2081.48
5	GUIDE	669385504	8.49	18620	0.107	-0.078	0.066	0.105	276.908209	-3.936987	450.83	32.14
6	GUIDE	668862544	9.02	18496	-0.079	-0.040	0.084	0.132	276.389039	-3.501359	-1119.22	-1831.68
7	GUIDE	668862152	10.13	18604	0.030	-0.036	0.110	0.183	276.456881	-3.638367	-625.86	-1588.44

2.4 Star Slots

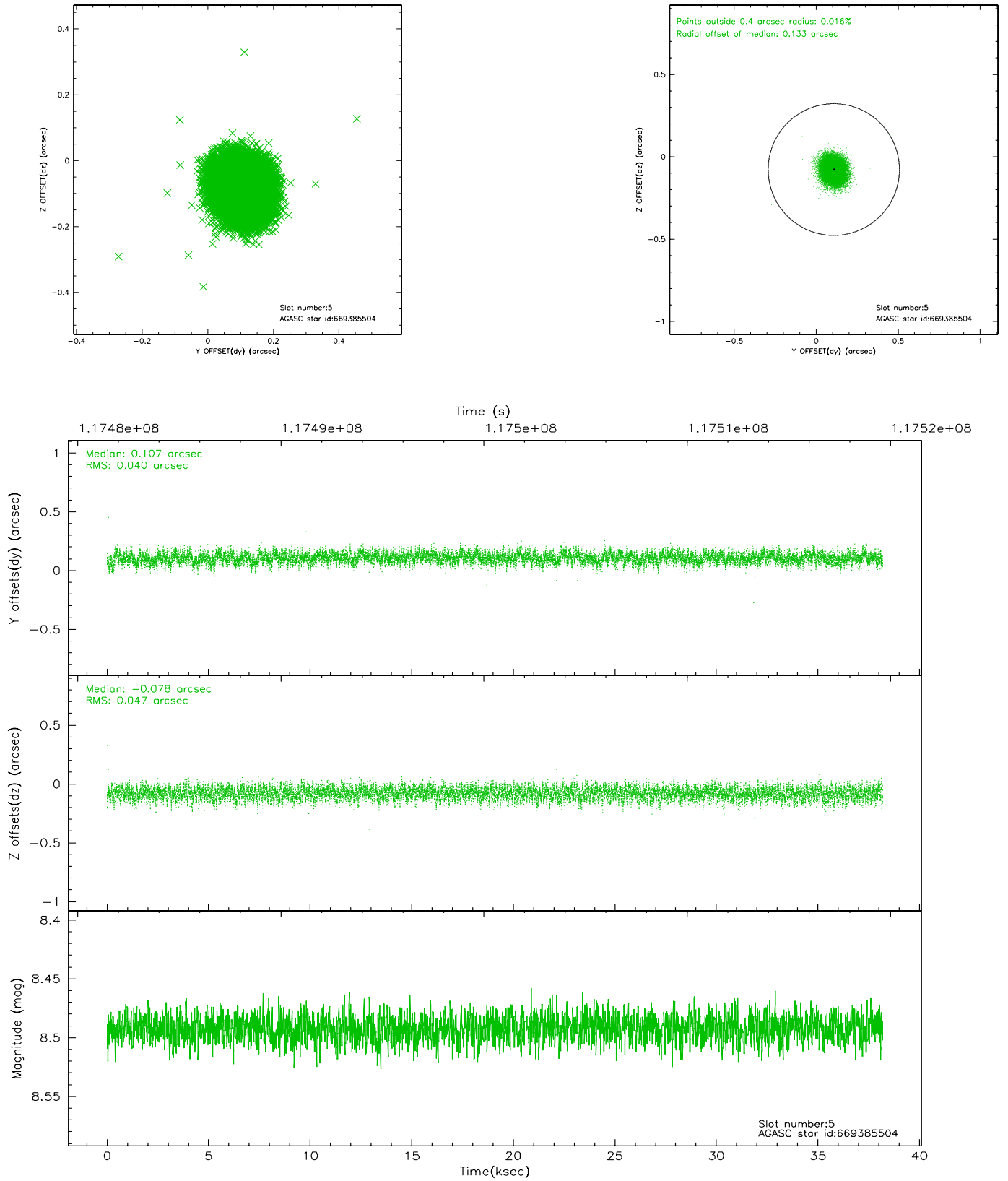
2.4.1 Slot 3



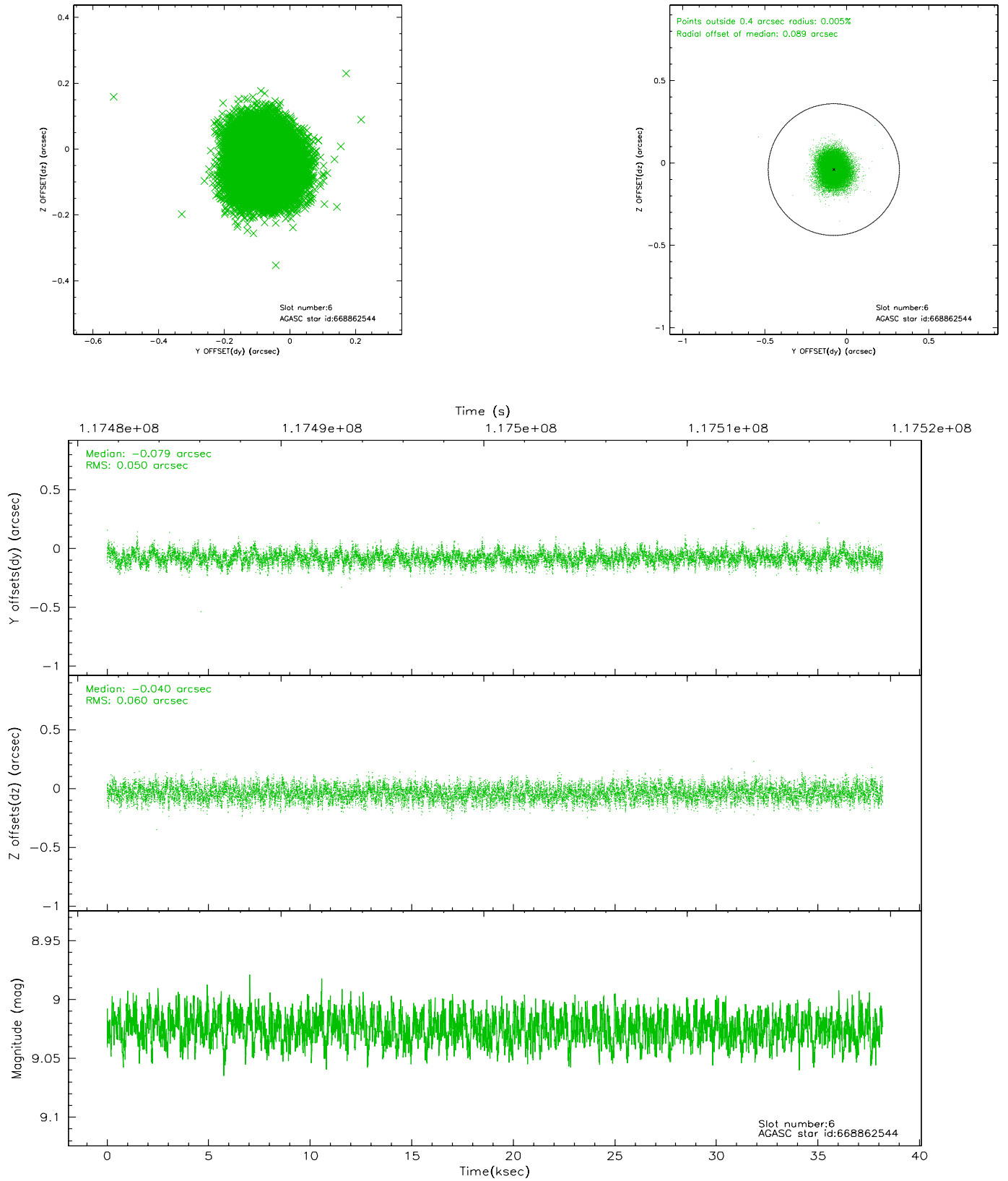
2.4.2 Slot 4



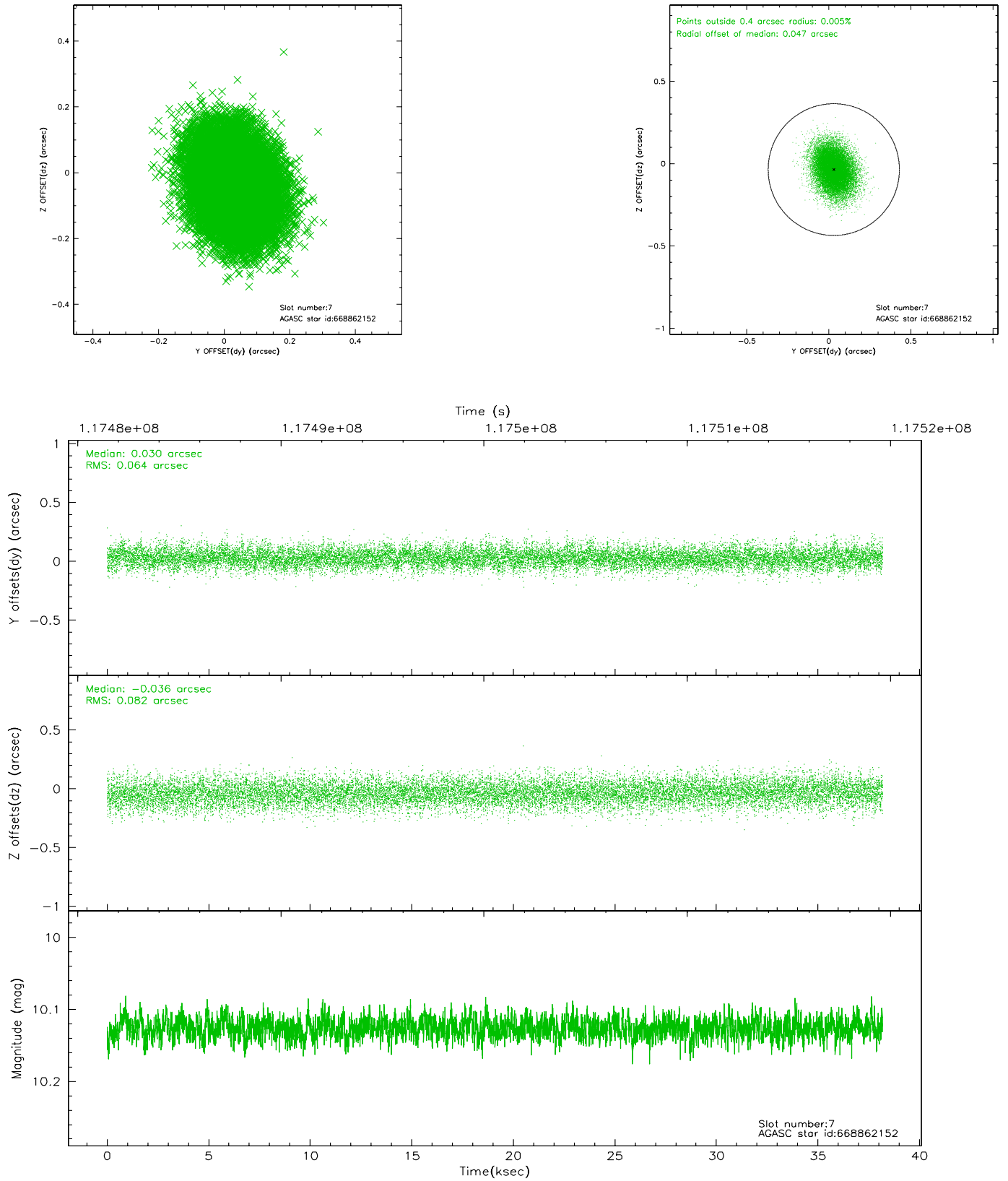
2.4.3 Slot 5



2.4.4 Slot 6

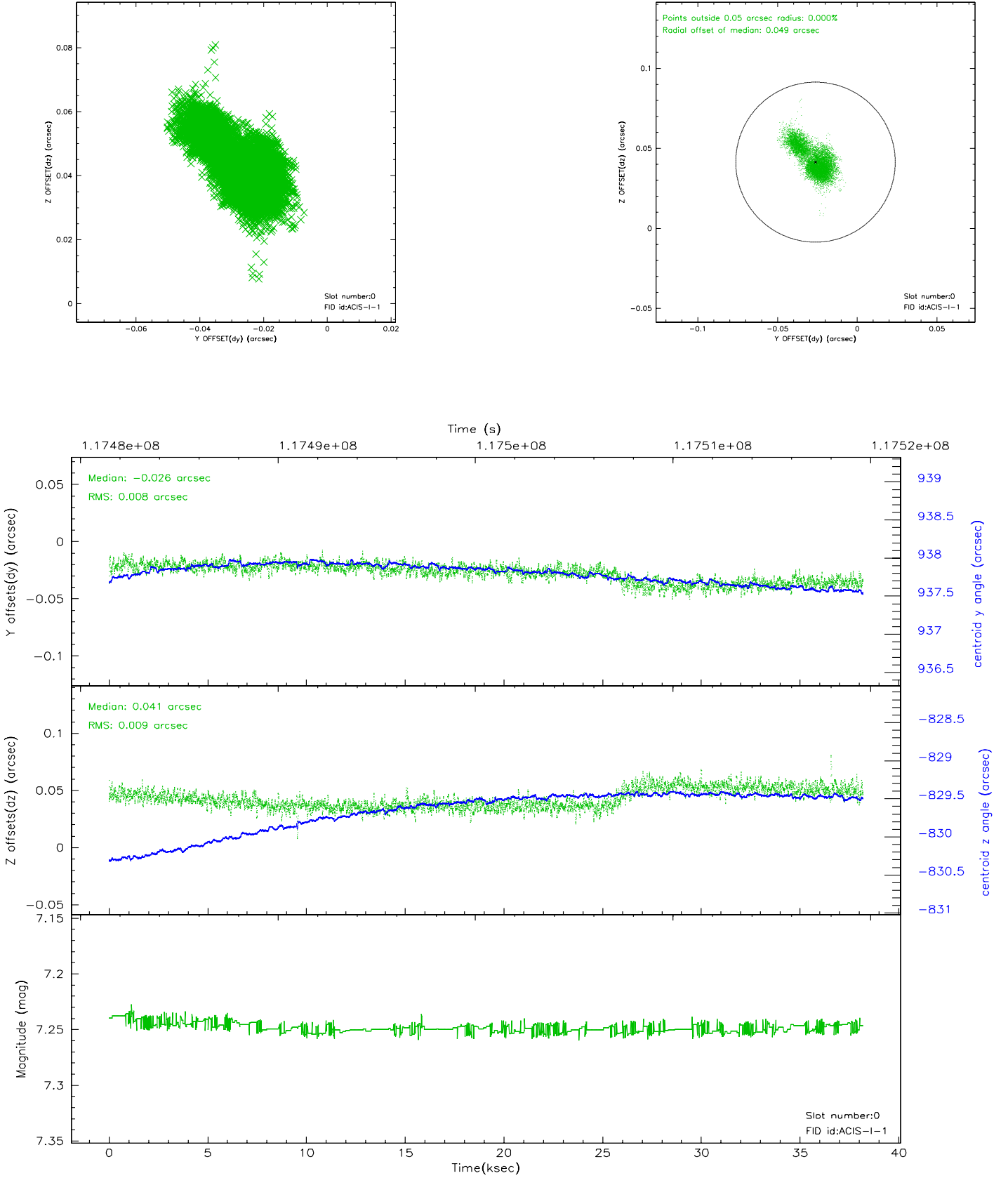


2.4.5 Slot 7

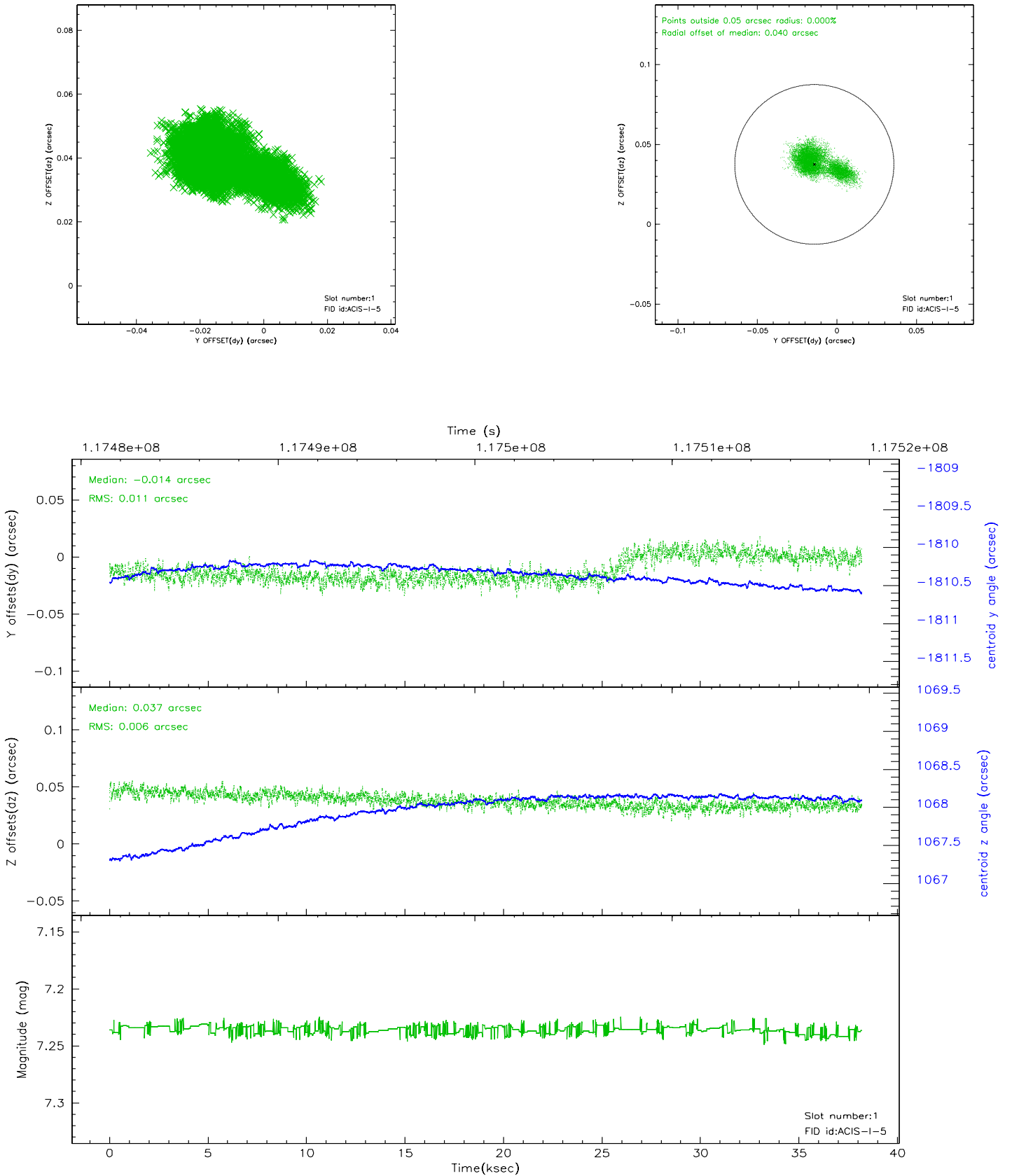


2.5 FID Slots

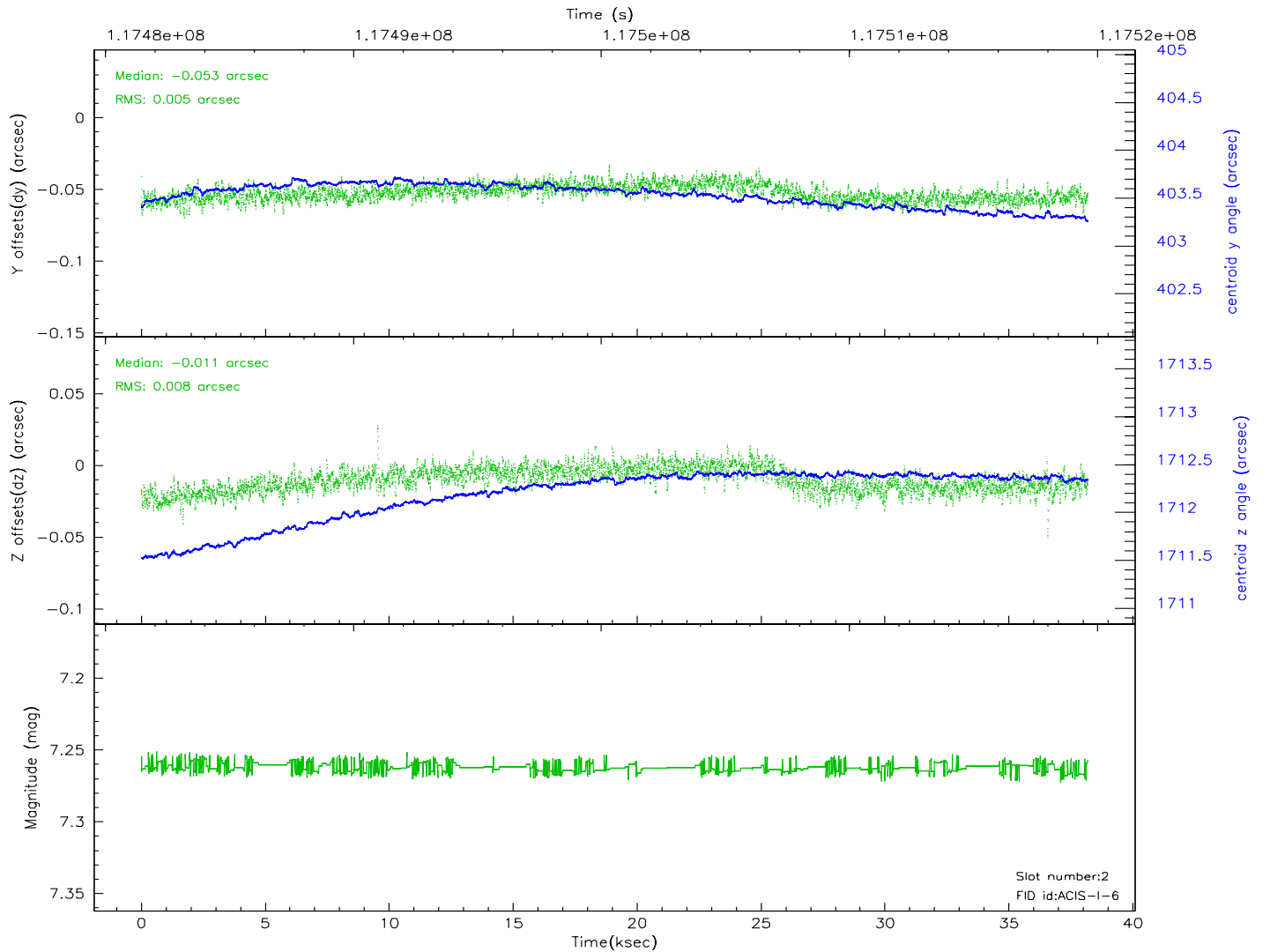
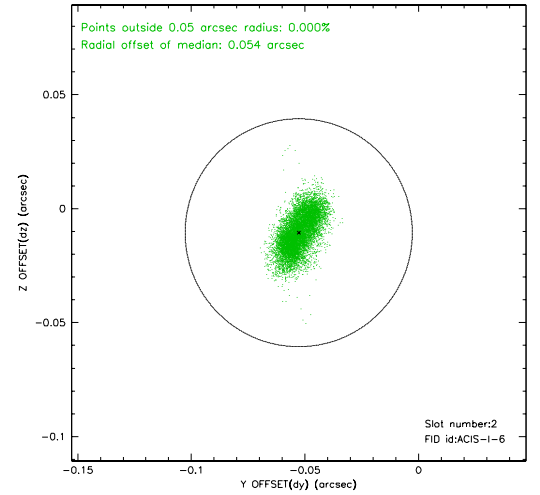
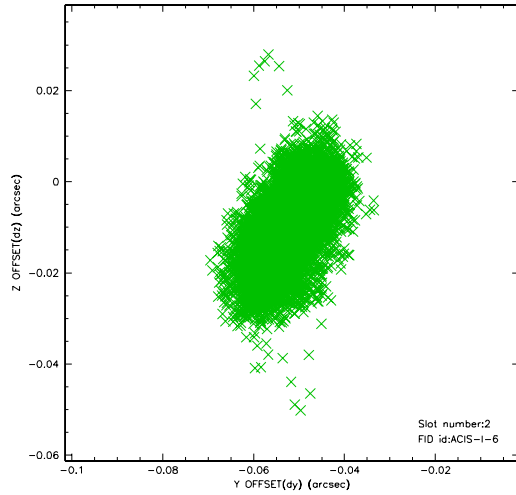
2.5.1 Slot 0



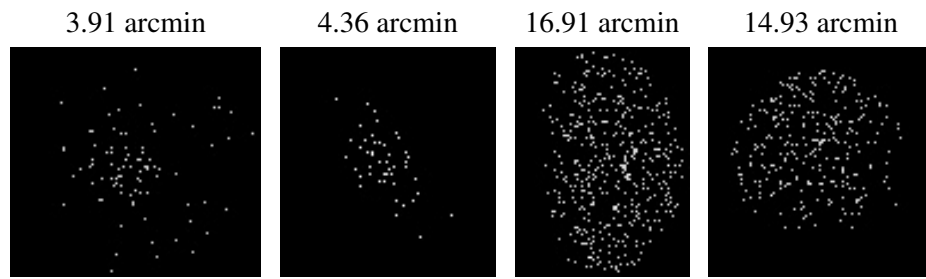
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.18

A.2 Comments