

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3854 - L2 Version 001
Chandra X-Ray Center

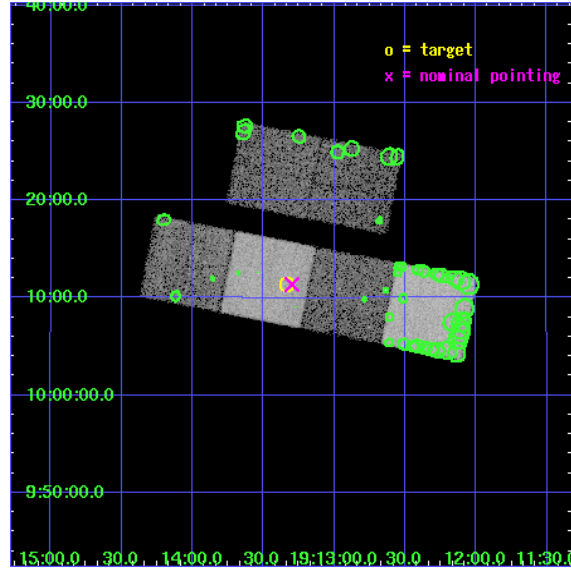
L2 Processing Date : Jul 14 2006

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1 Front

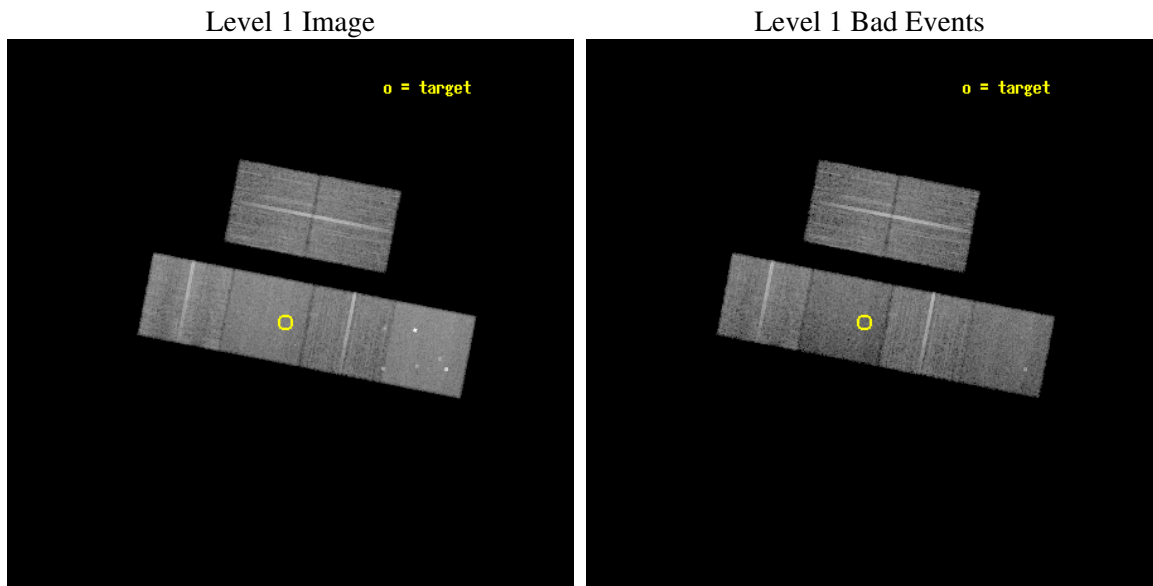
seq_num	500333
obs_id	3854
title	X-RAY EMISSION FROM YOUNG RADIO PULSARS DISCOVERED IN THE PARKES MULTIBEAM SURVEY
observer	Dr. Divas Sanwal
object	PSR J1913+1011
dtcycle	0
cycle	P
ra_targ	288.334583
dec_targ	10.189722
ra_nom	288.32475808979
dec_nom	10.189576621052
roll_nom	190.99126578499
revision	2
ontime	19798.399926245
livetime	19547.700665214
ontime2	19798.399926245
ontime3	19798.399926245
ontime5	19798.399926245
ontime6	19798.399926245
ontime7	19798.399926245
ontime8	19798.399926245
l2events	143294



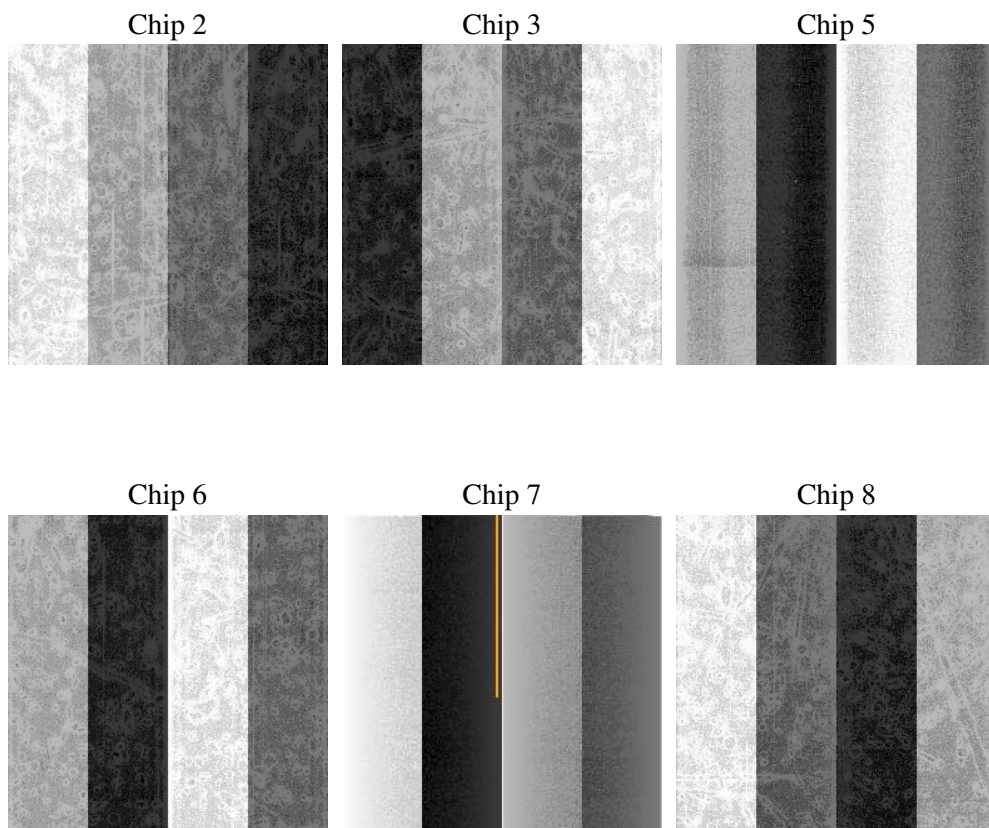
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-14T08:37:24
revision	2

sched_exp_time	20000.000000
ontime	19805.789193869
ontime2	19805.789193869
ontime3	19805.789193869
ontime5	19805.789193869
ontime6	19805.789173961
ontime7	19805.789193869
ontime8	19805.789193869
l1events	671800

2.1.4 Events

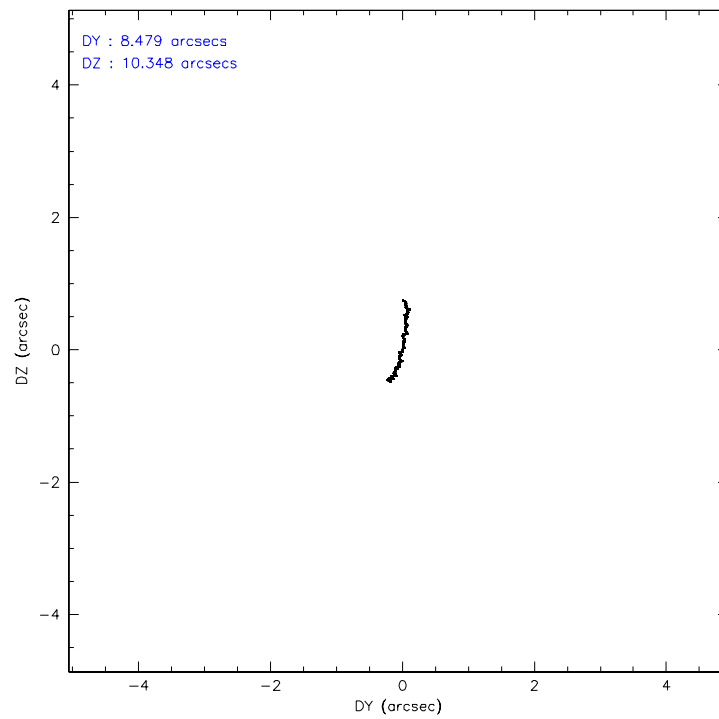
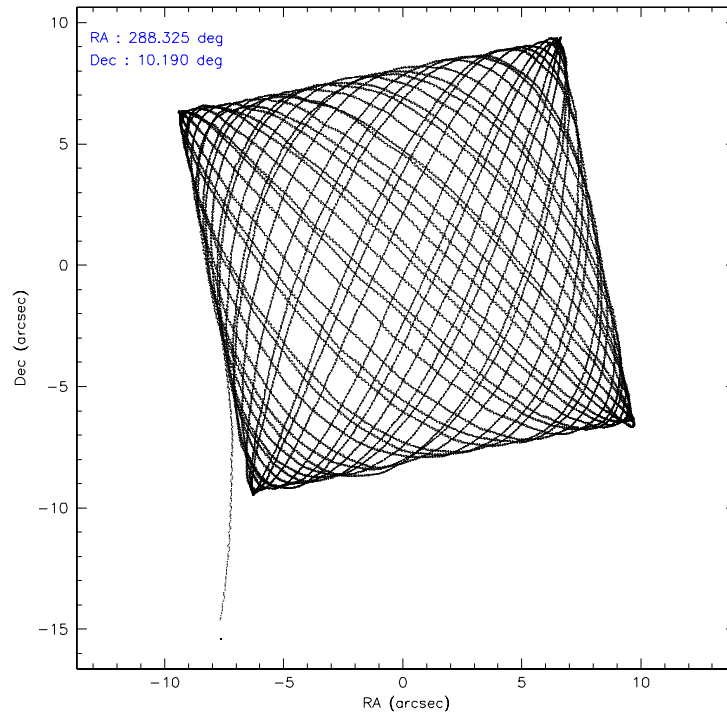
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	101597	98593	136334	100847	110677	123752
rejected events	91358	88470	69187	89566	64012	95865
rejected %	89%	89%	50%	88%	57%	77%

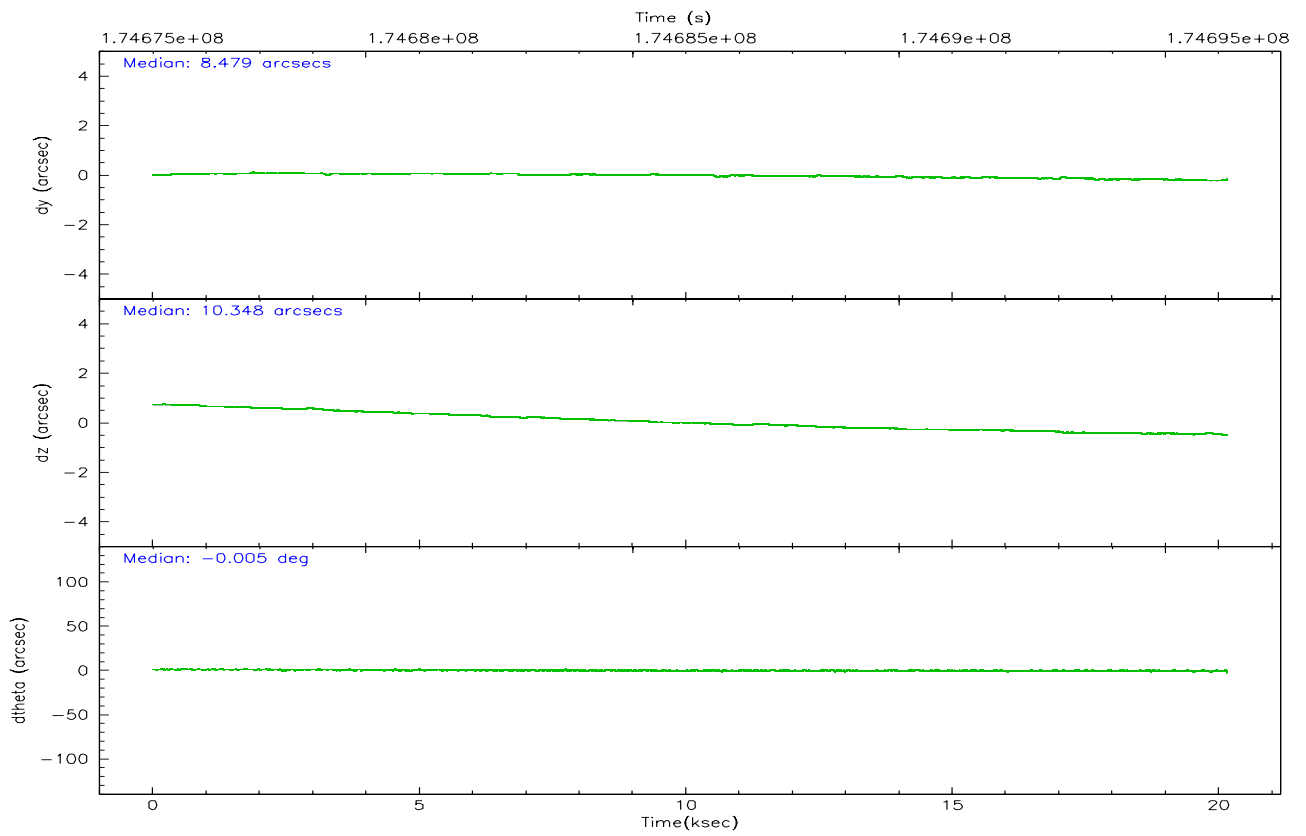
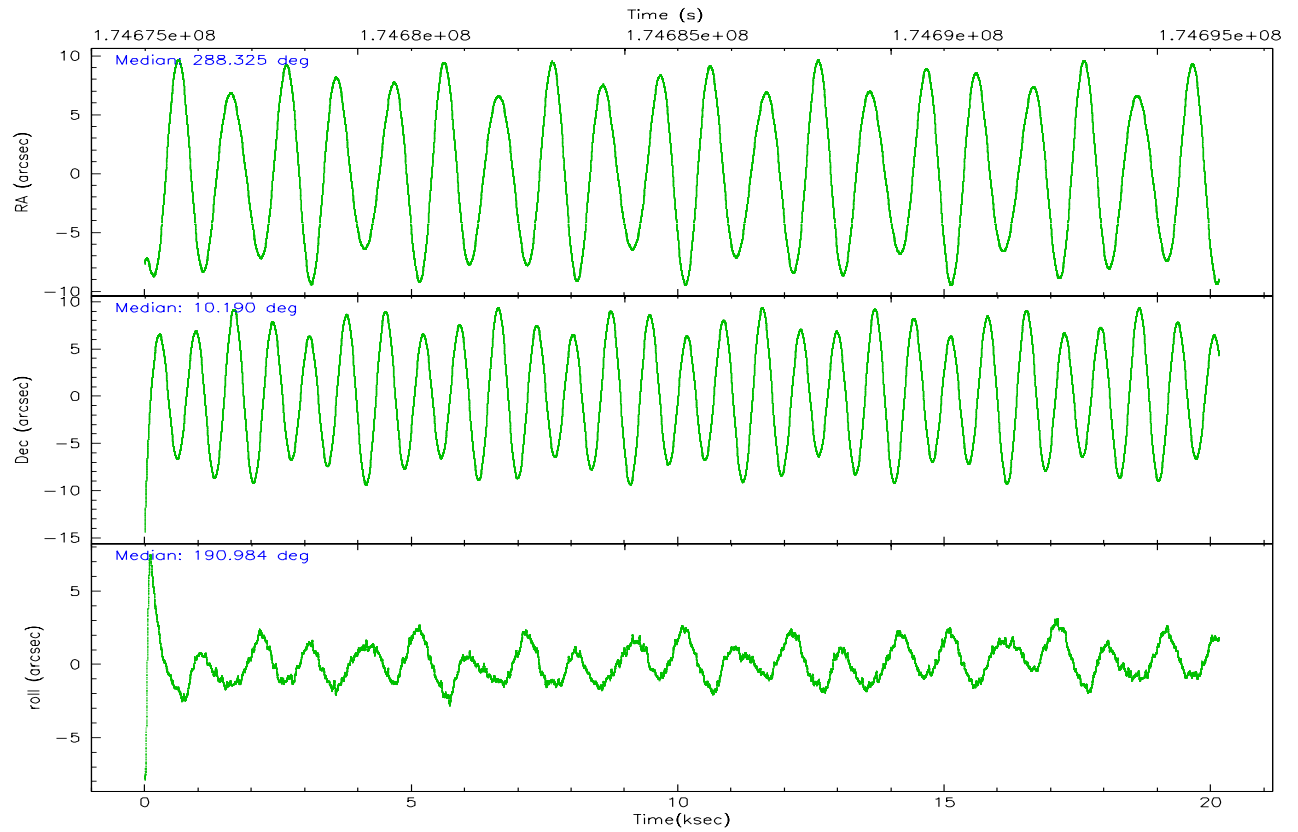
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3861	3883	7728	4286	2895	8964
	3%	3%	5%	4%	2%	7%
grade 1 events	53	63	62	50	66	91
	0%	0%	0%	0%	0%	0%
grade 2 events	2376	2036	20755	2399	11434	5972
	2%	2%	15%	2%	10%	4%
grade 3 events	1093	1158	1656	1209	2801	3086
	1%	1%	1%	1%	2%	2%
grade 4 events	1142	1096	1608	1183	2813	2868
	1%	1%	1%	1%	2%	2%
grade 5 events	3476	3802	7079	3969	8460	5812
	3%	3%	5%	3%	7%	4%
grade 6 events	1770	1951	35426	2205	26727	7001
	1%	1%	25%	2%	24%	5%
grade 7 events	87826	84604	62020	85546	55481	89958
	86%	85%	45%	84%	50%	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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	288.345395	288.3247580897874	Alternating exposures requested	N	N
Pointing Dec	10.207711	10.18957662105226	Primary exposure time	0.000000	3.2
Pointing Roll	190.830997	190.9912657849869			
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	174676163.184000	174675151.40596			
Observation start date	2003-07-15T17:08:19	2003-07-15T16:52:31			
Observation end time	174696163.184000	174696932.65689			
Observation end date	2003-07-15T22:41:39	2003-07-15T22:55:32			
Read mode	TIMED	TIMED			

2.3 Aspect



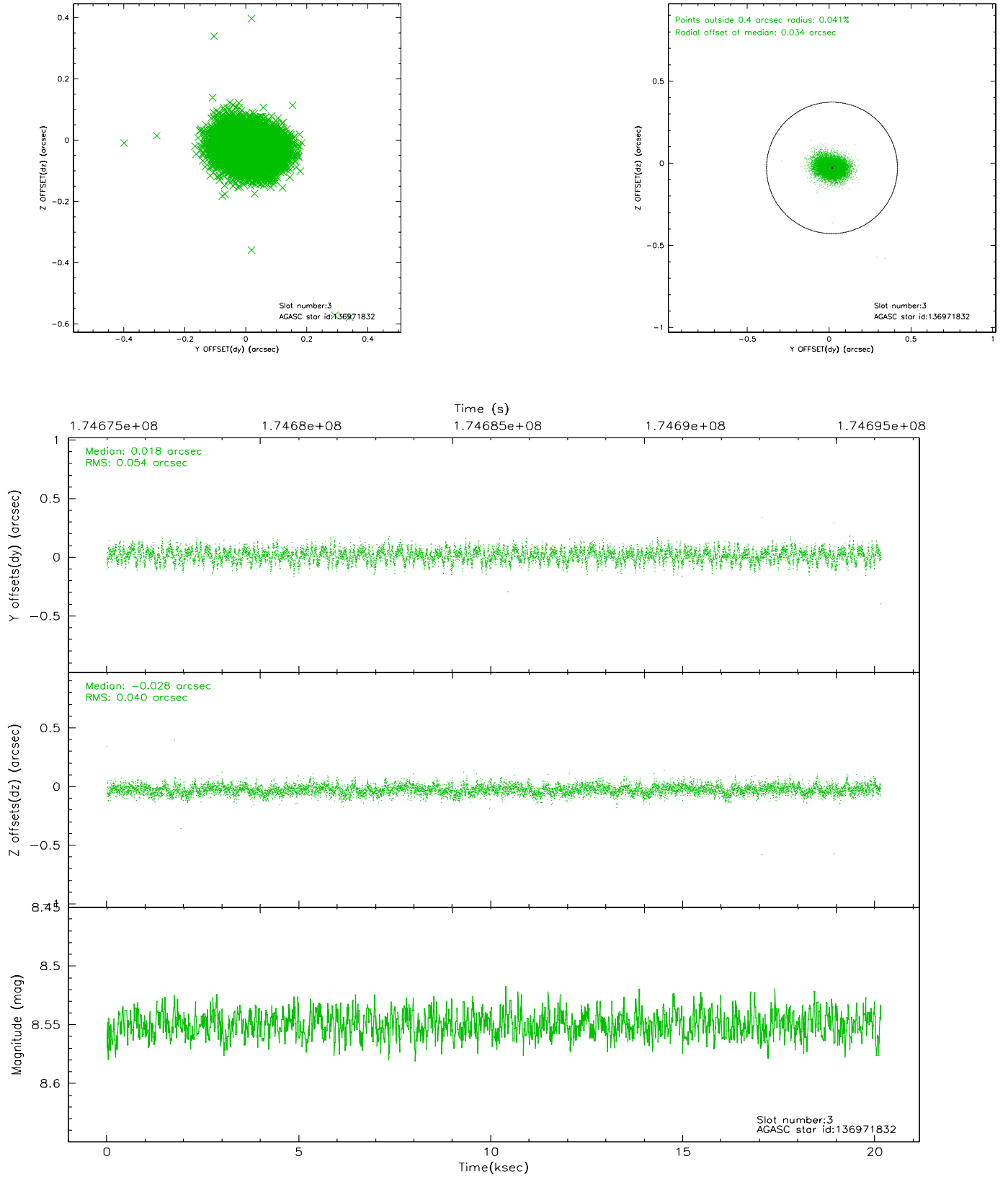


Slot Statistics

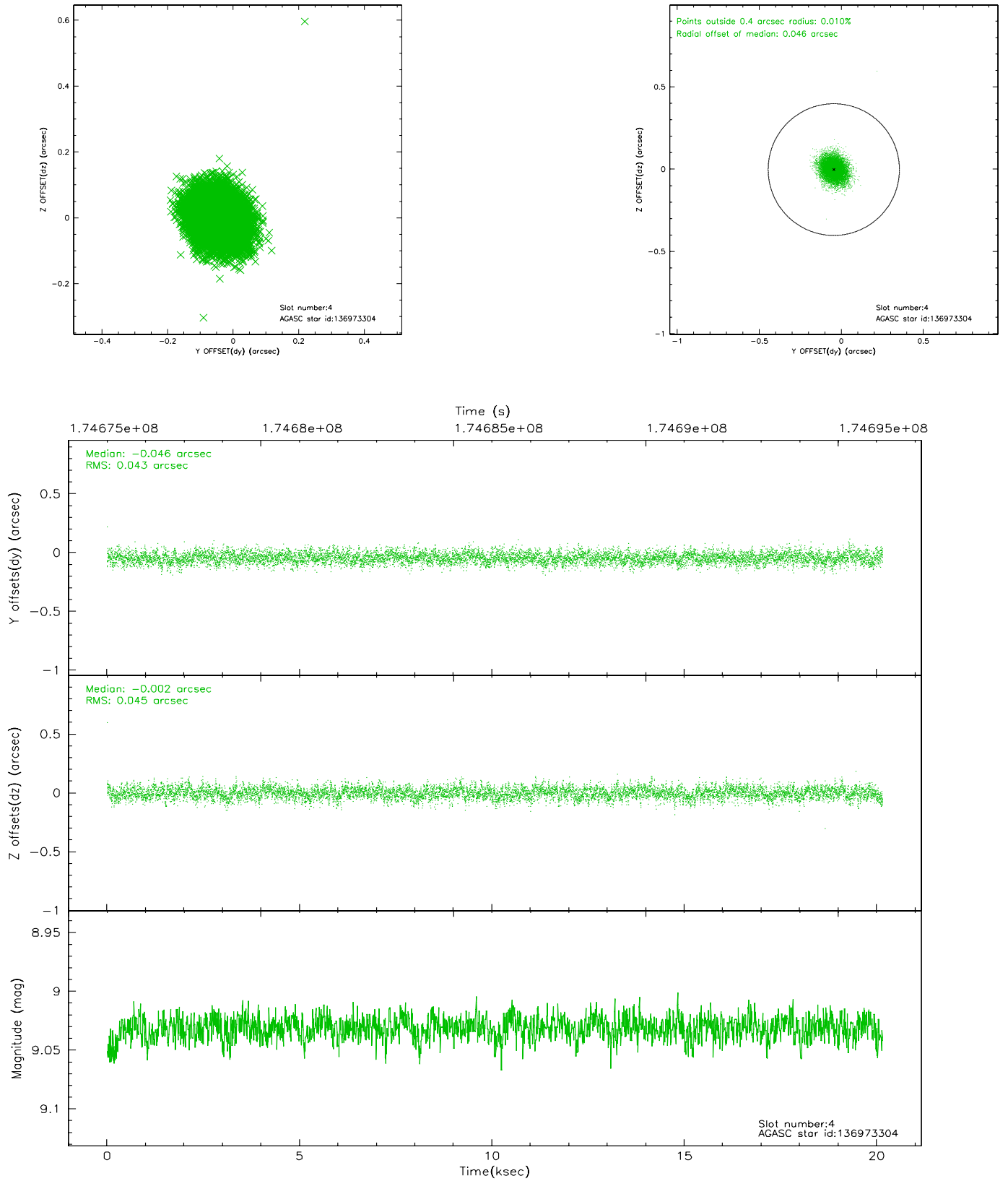
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4917	-0.025	0.002	0.007	0.016	0.000000	0.000000	-761.24	-1731.67
1	FID	ACIS-S-4	7.20	4917	0.037	0.012	0.008	0.015	0.000000	0.000000	2151.98	176.68
2	FID	ACIS-S-6	7.34	4917	-0.040	-0.006	0.008	0.013	0.000000	0.000000	400.92	814.24
3	GUIDE	136971832	8.55	9833	0.018	-0.028	0.071	0.114	288.891291	9.780074	-1613.24	1874.50
4	GUIDE	136973304	9.03	9831	-0.046	-0.002	0.066	0.108	287.981763	10.395187	1137.77	-904.92
5	GUIDE	136973480	8.44	9833	0.018	-0.047	0.056	0.090	287.924725	9.951688	1638.30	624.42
6	GUIDE	136976152	8.34	9831	-0.060	0.049	0.069	0.111	288.755961	9.807623	-1159.98	1687.75
7	GUIDE	136972192	8.62	9826	0.071	0.030	0.071	0.116	288.510925	10.645719	-871.28	-1438.43

2.4 Star Slots

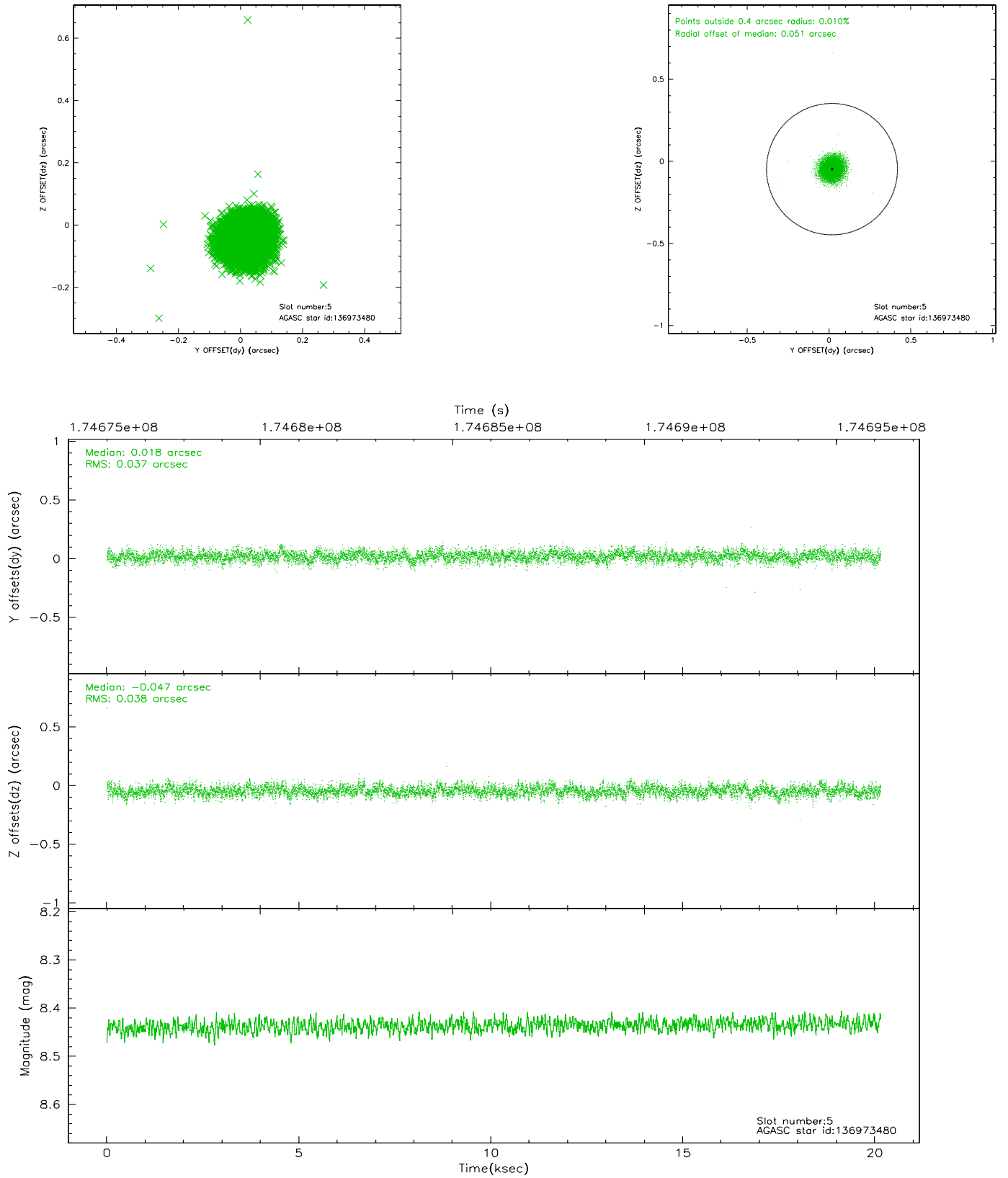
2.4.1 Slot 3



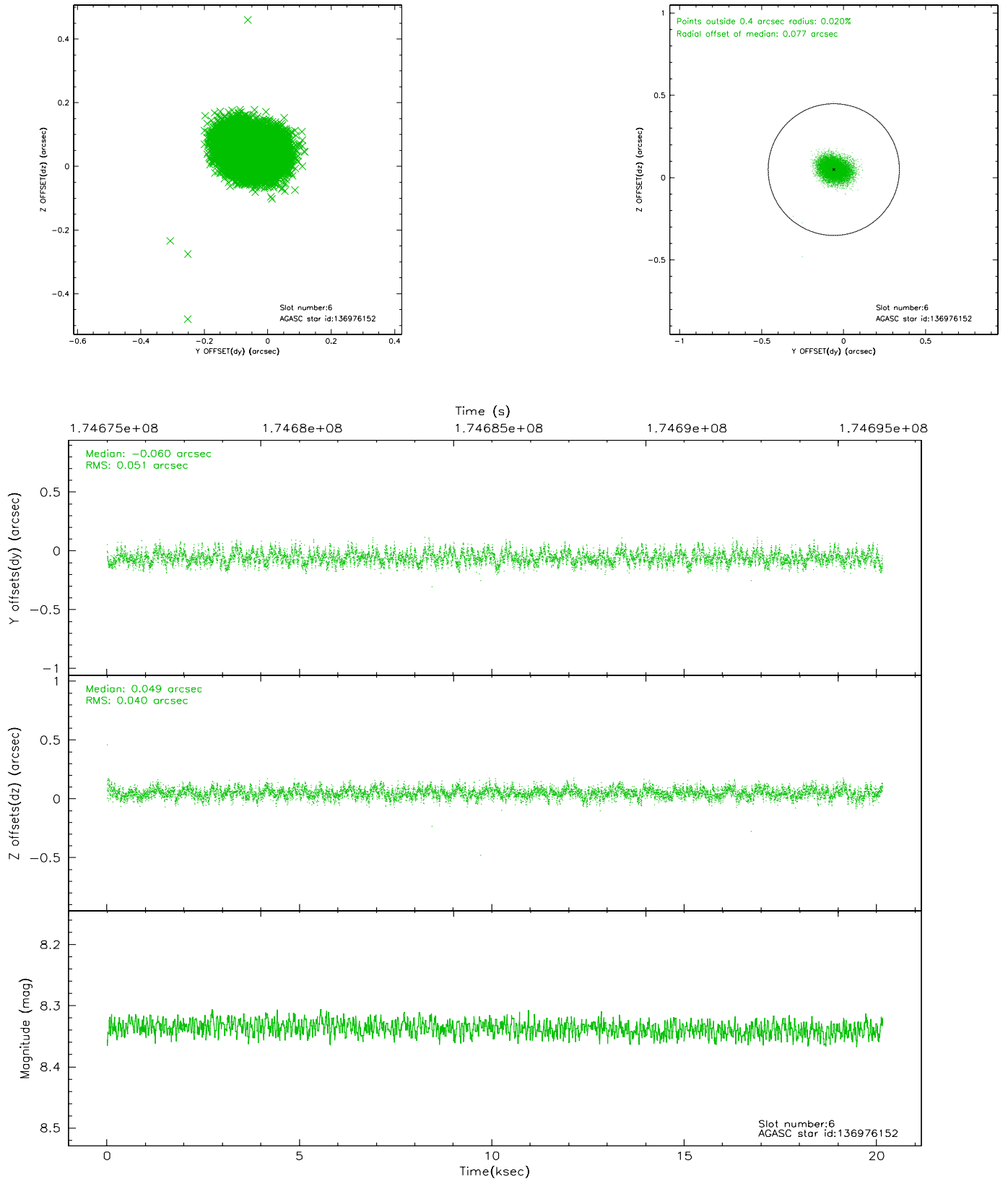
2.4.2 Slot 4



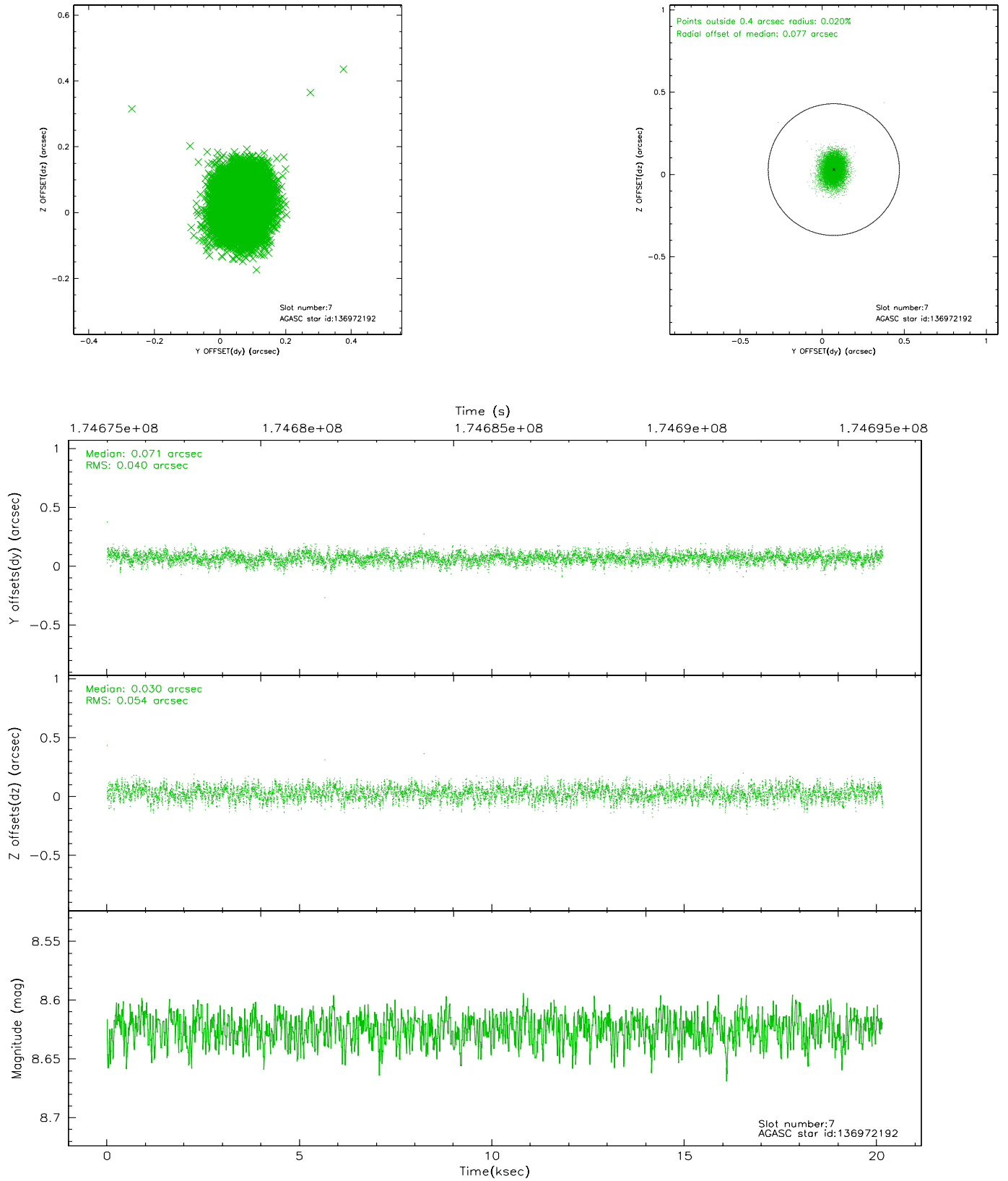
2.4.3 Slot 5



2.4.4 Slot 6

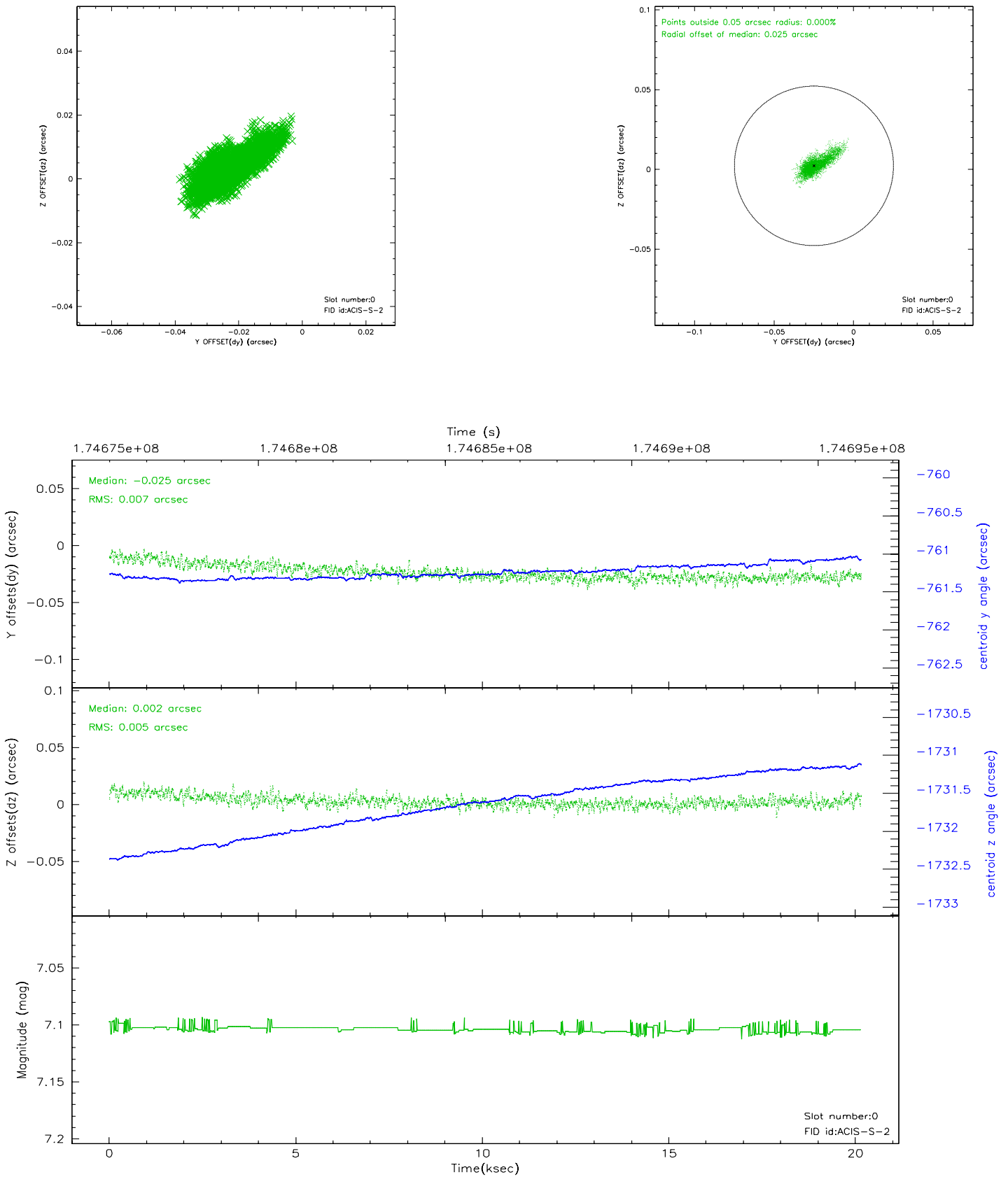


2.4.5 Slot 7

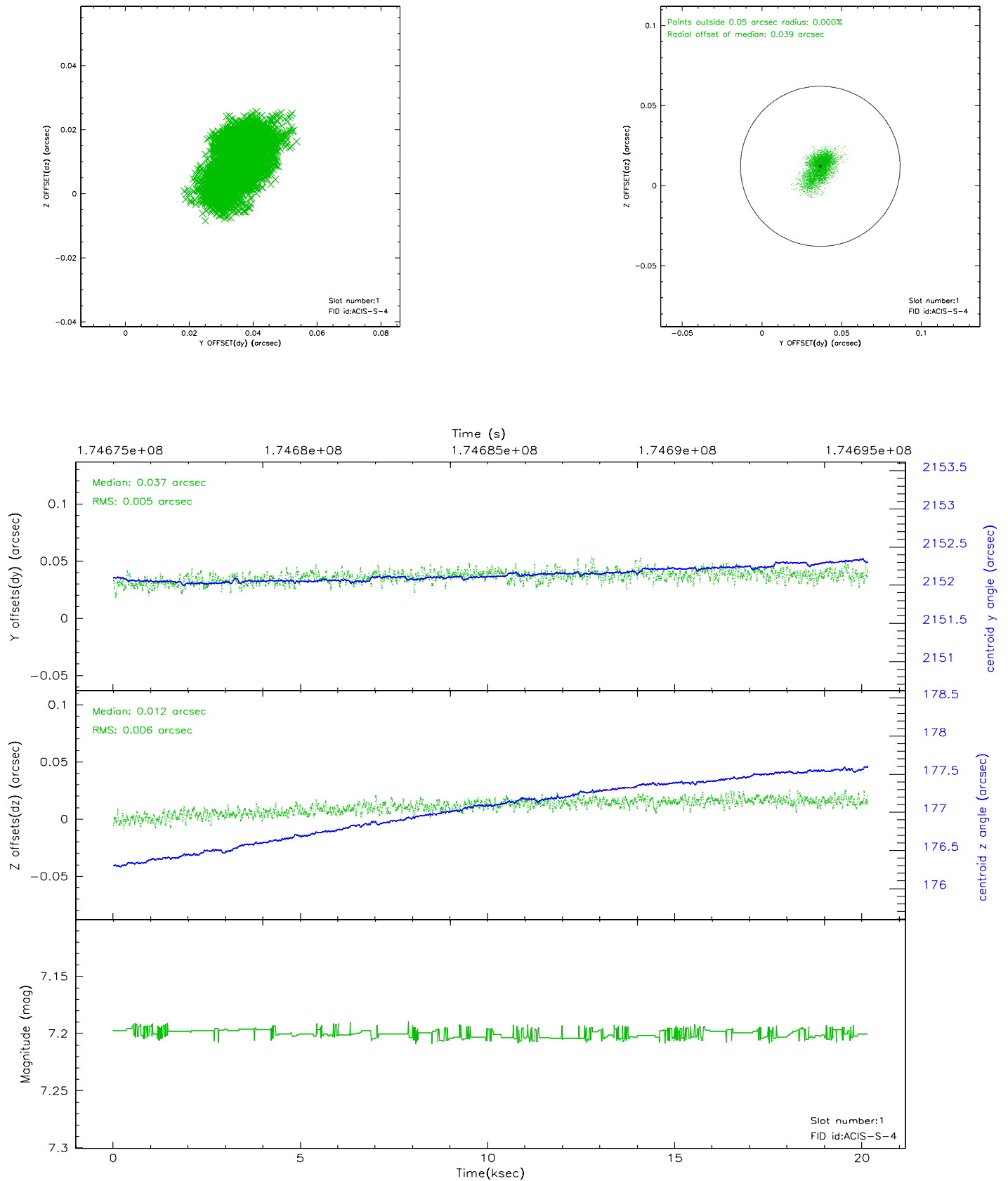


2.5 FID Slots

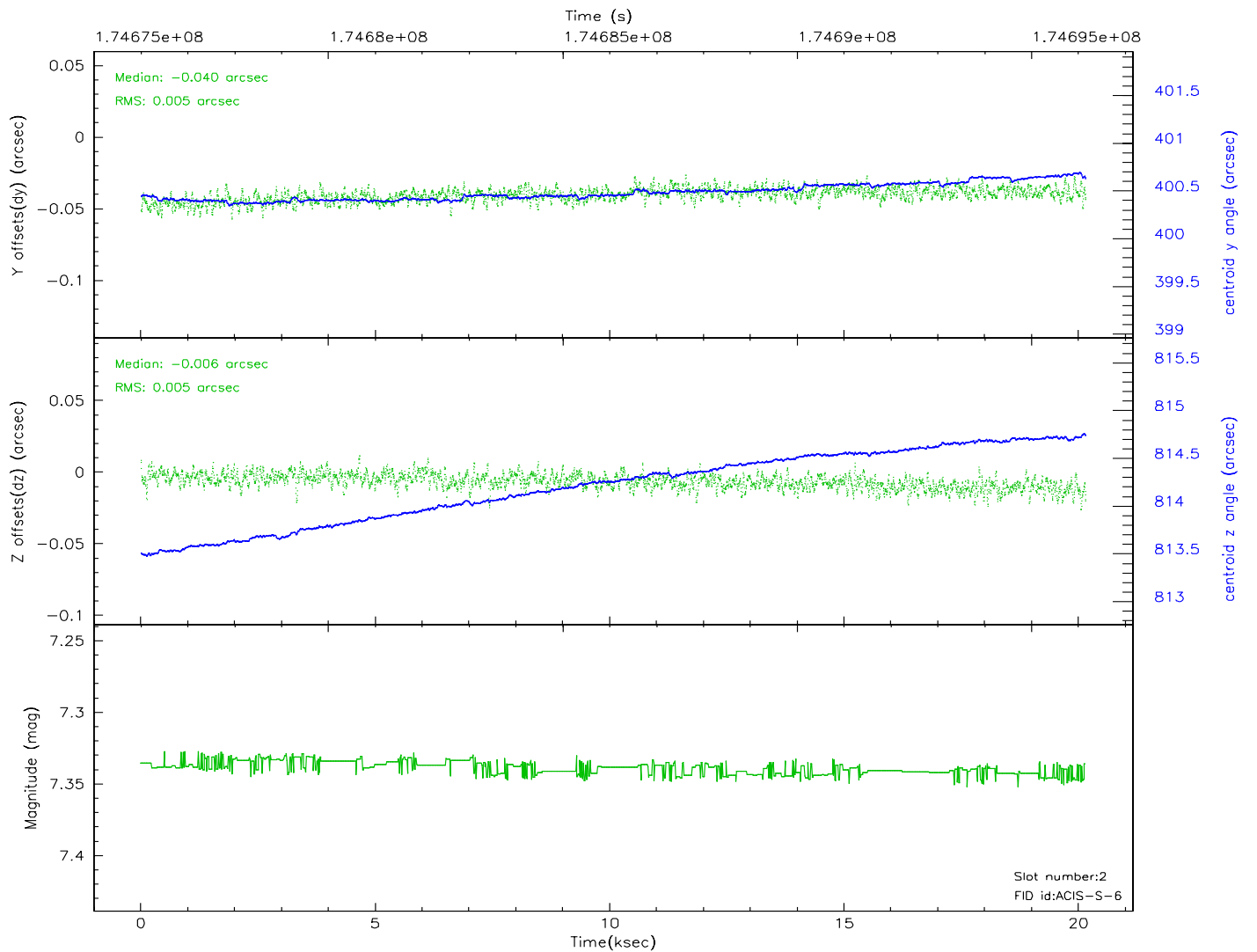
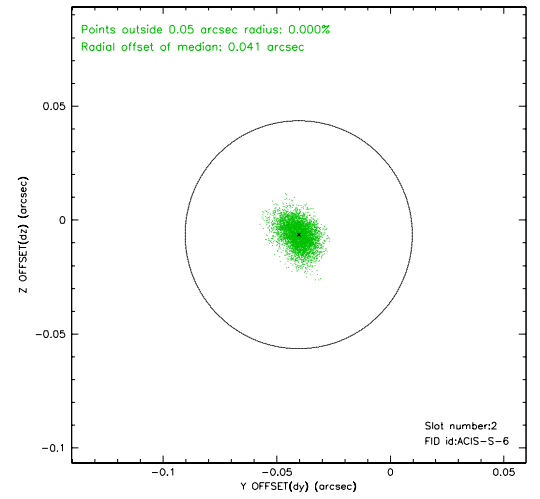
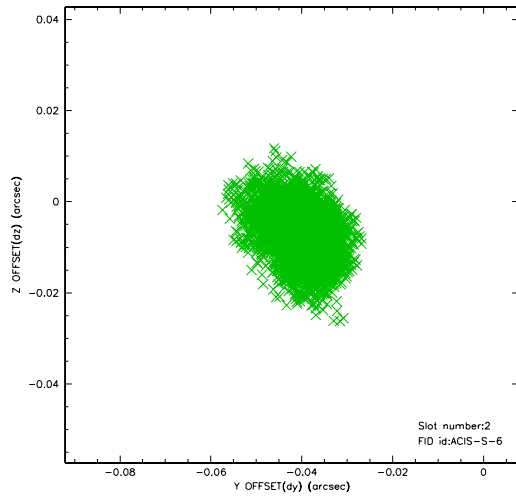
2.5.1 Slot 0



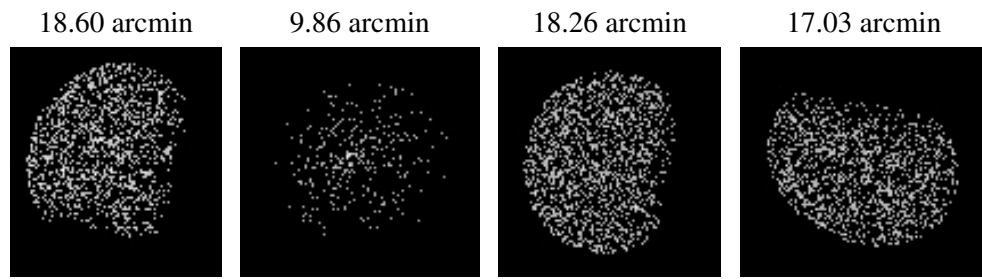
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.801

A.2 Comments