

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3855 - L2 Version 001
Chandra X-Ray Center

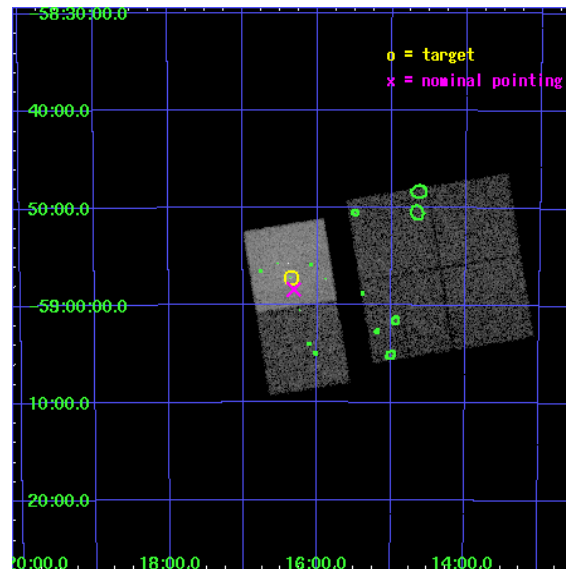
L2 Processing Date : Aug 3 2006

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1 Front

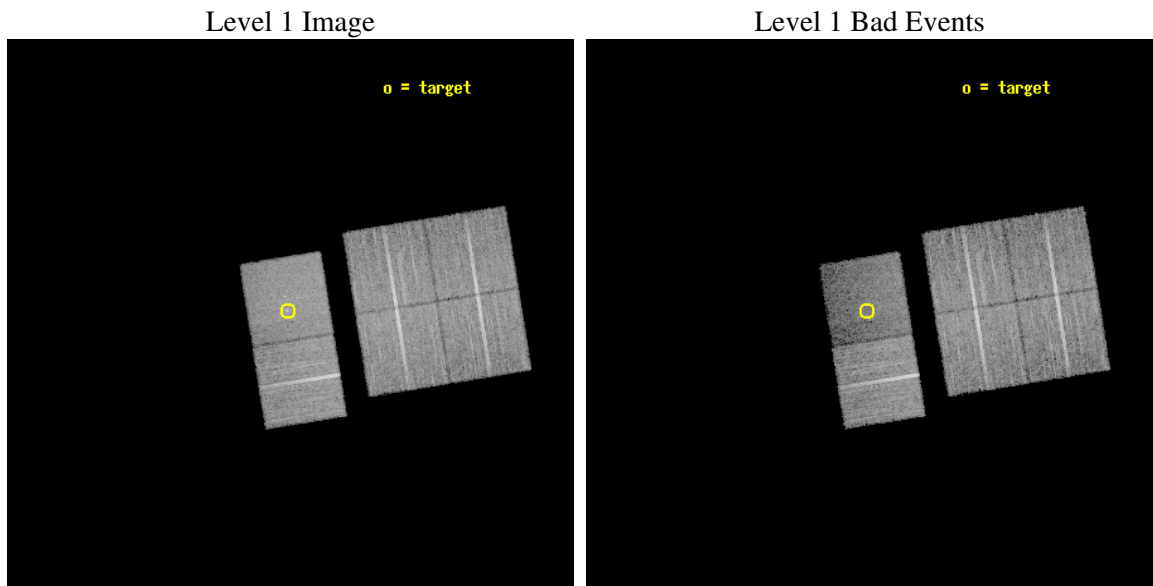
seq_num	500334
obs_id	3855
title	FREE AT LAST: AN ENERGETIC PULSAR ESCAPES ITS SUPERNOVA REMNANT
observer	Dr Fernando Camilo
object	PSR J1016-5857
dtcycle	0
cycle	P
ra_targ	154.088333
dec_targ	-58.953333
ra_nom	154.07867239696
dec_nom	-58.973436613978
roll_nom	260.821753212
revision	2
ontime	18959.999929368
livetime	18719.916993921
ontime0	18959.999929368
ontime1	18959.999929368
ontime2	18959.999929368
ontime3	18959.999929368
ontime6	18959.999929368
ontime7	18959.999929368
l2events	84963



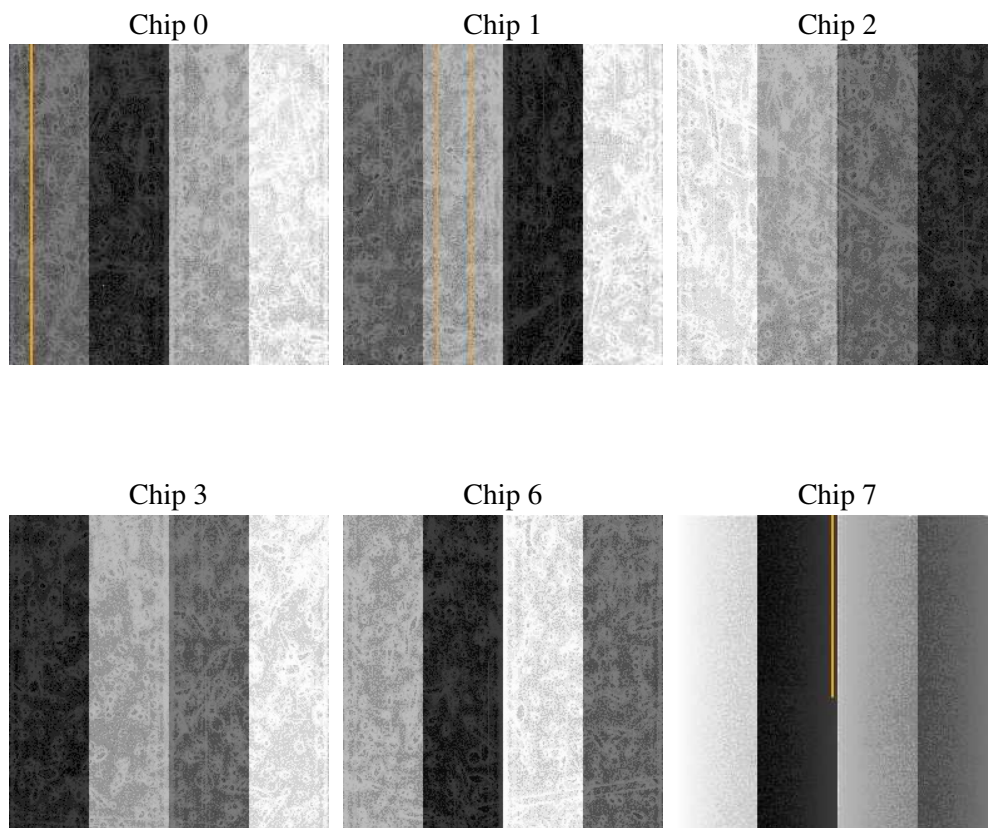
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8
caldbver	3.2.2
date	2006-08-03T03:11:16
revision	2

sched_exp_time	19000.000000
ontime	18966.342614502
ontime0	18966.342594564
ontime1	18966.342594564
ontime2	18966.342614502
ontime3	18966.342594564
ontime6	18966.342594564
ontime7	18966.342614502
l1events	558893

2.1.4 Events

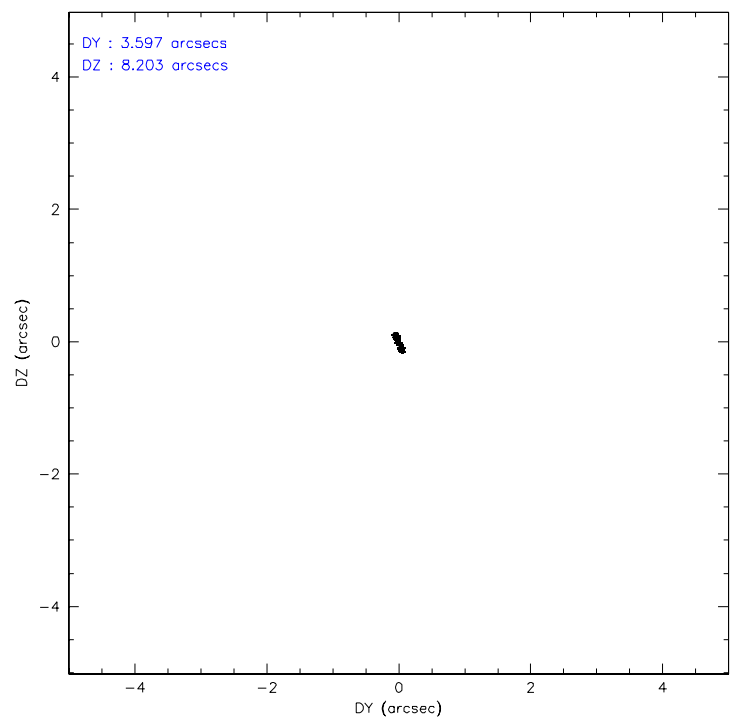
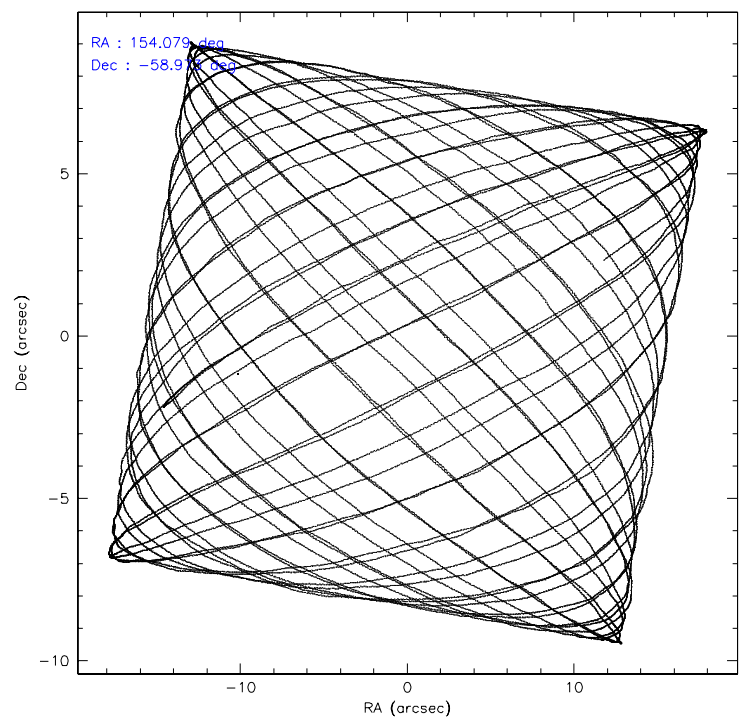
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	91151	84439	98264	92452	99417	93170
rejected events	81734	74833	88704	83289	88301	47213
rejected %	89%	88%	90%	90%	88%	50%

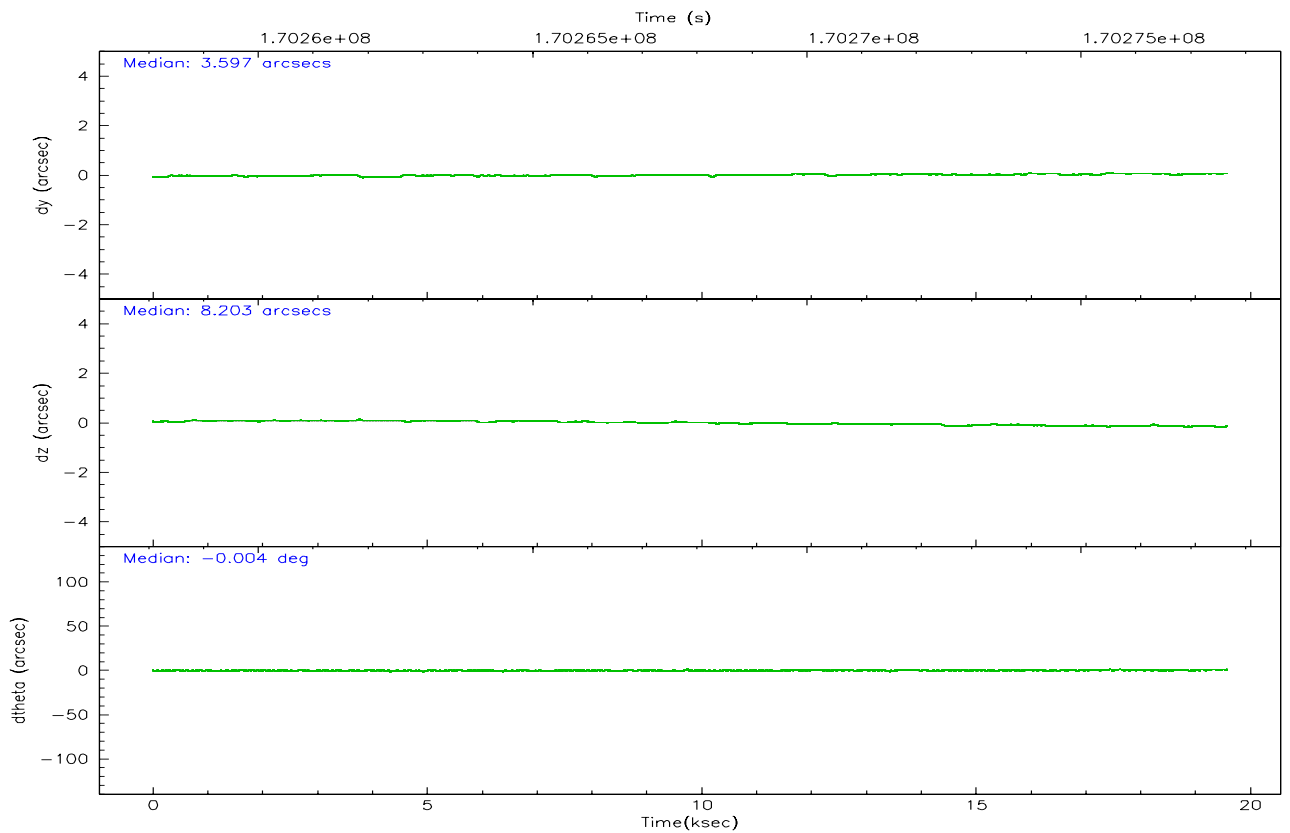
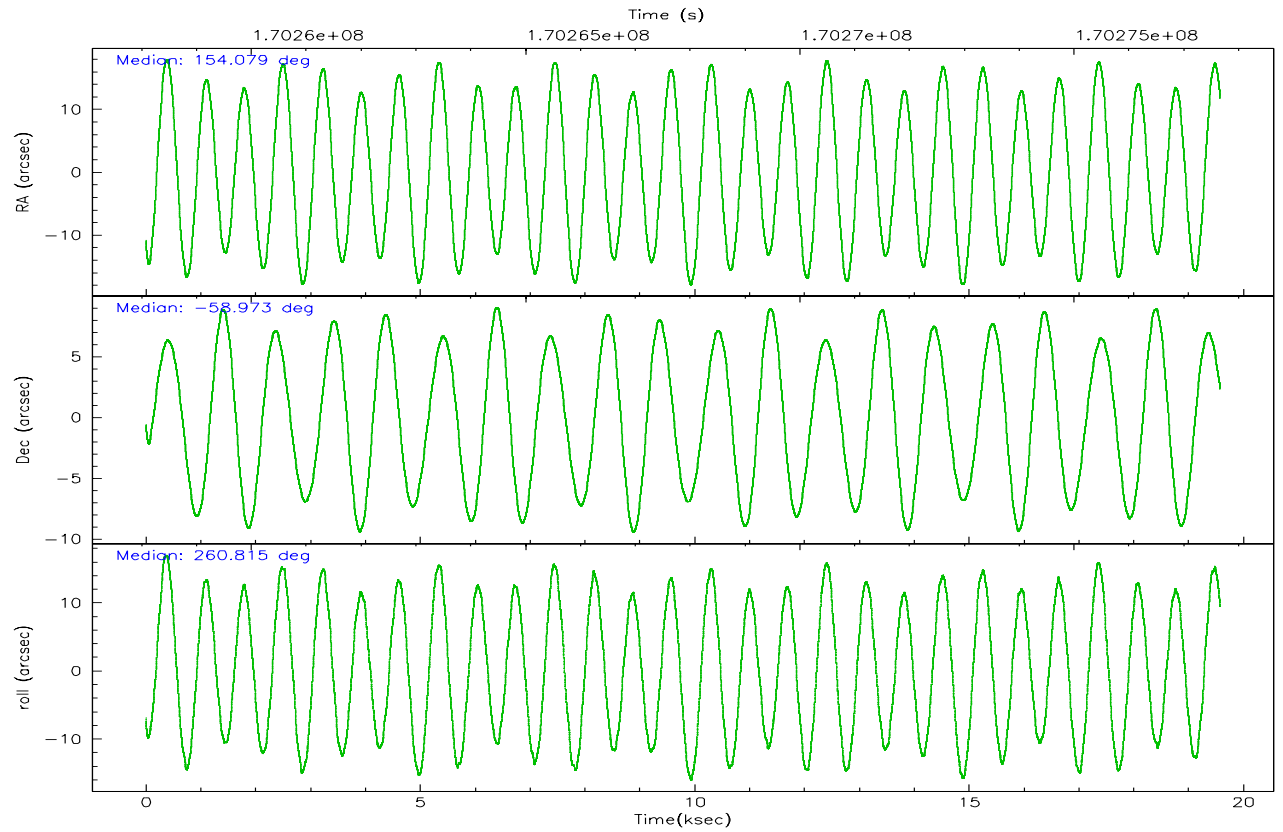
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3315	3396	3829	3702	4818	4181
	3%	4%	3%	4%	4%	4%
grade 1 events	54	49	45	53	58	50
	0%	0%	0%	0%	0%	0%
grade 2 events	2222	2058	2122	1773	2176	11932
	2%	2%	2%	1%	2%	12%
grade 3 events	1152	1167	1015	1049	1141	3263
	1%	1%	1%	1%	1%	3%
grade 4 events	1025	1106	1067	1044	1122	3102
	1%	1%	1%	1%	1%	3%
grade 5 events	2884	2883	2448	3011	3172	7161
	3%	3%	2%	3%	3%	7%
grade 6 events	1707	1882	1529	1600	1860	23491
	1%	2%	1%	1%	1%	25%
grade 7 events	78792	71898	86209	80220	85070	39990
	86%	85%	87%	86%	85%	42%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	154.059188	154.0786723969578	Alternating exposures requested	N	N
Pointing Dec	-58.948159	-58.97343661397849	Primary exposure time	0.000000	3.2
Pointing Roll	260.648435	260.8217532120019			
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	170258657.184000	170257498.59322			
Observation start date	2003-05-25T14:03:13	2003-05-25T13:44:58			
Observation end time	170277657.184000	170278369.6441			
Observation end date	2003-05-25T19:19:53	2003-05-25T19:32:49			
Read mode	TIMED	TIMED			

2.3 Aspect



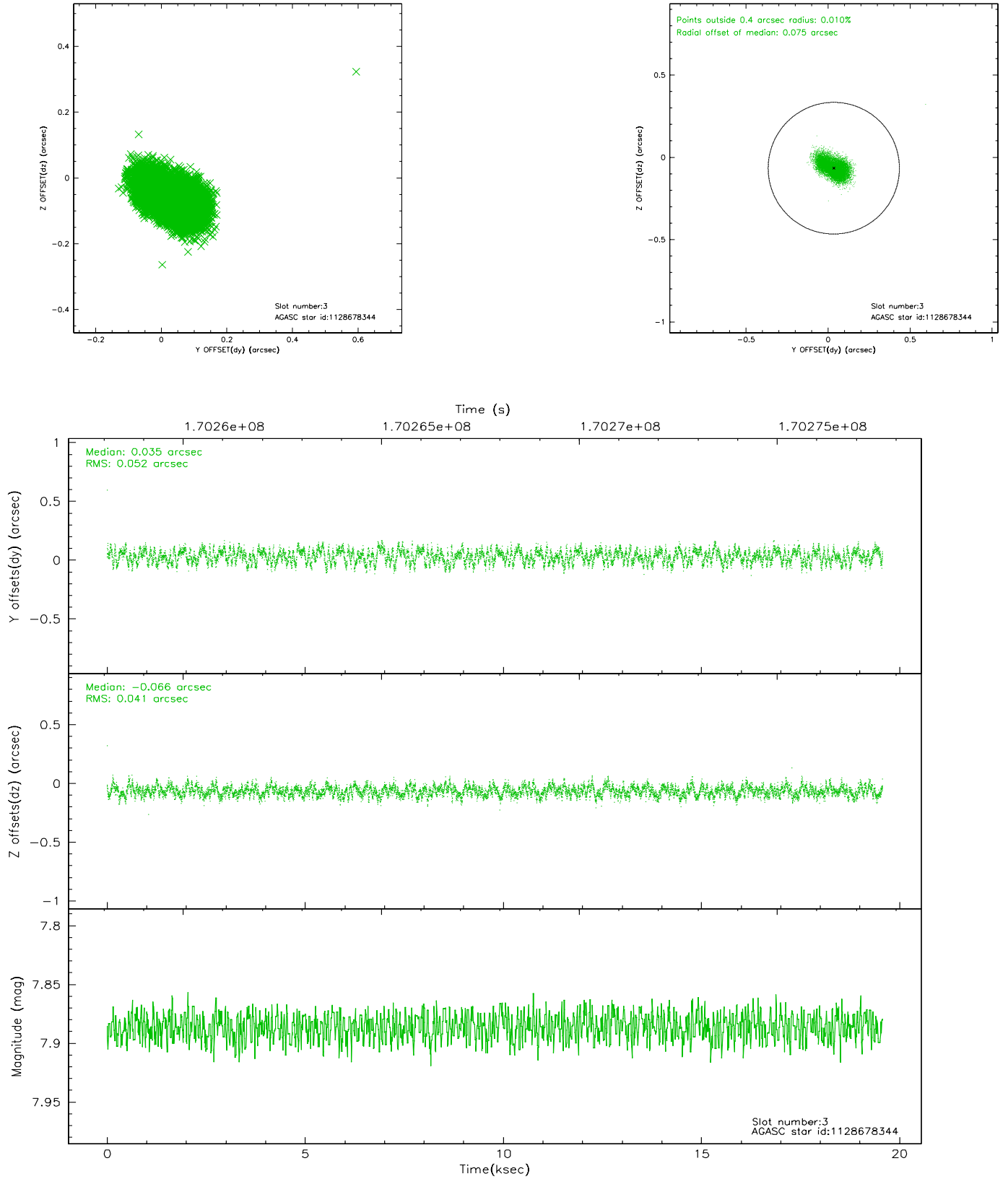


Slot Statistics

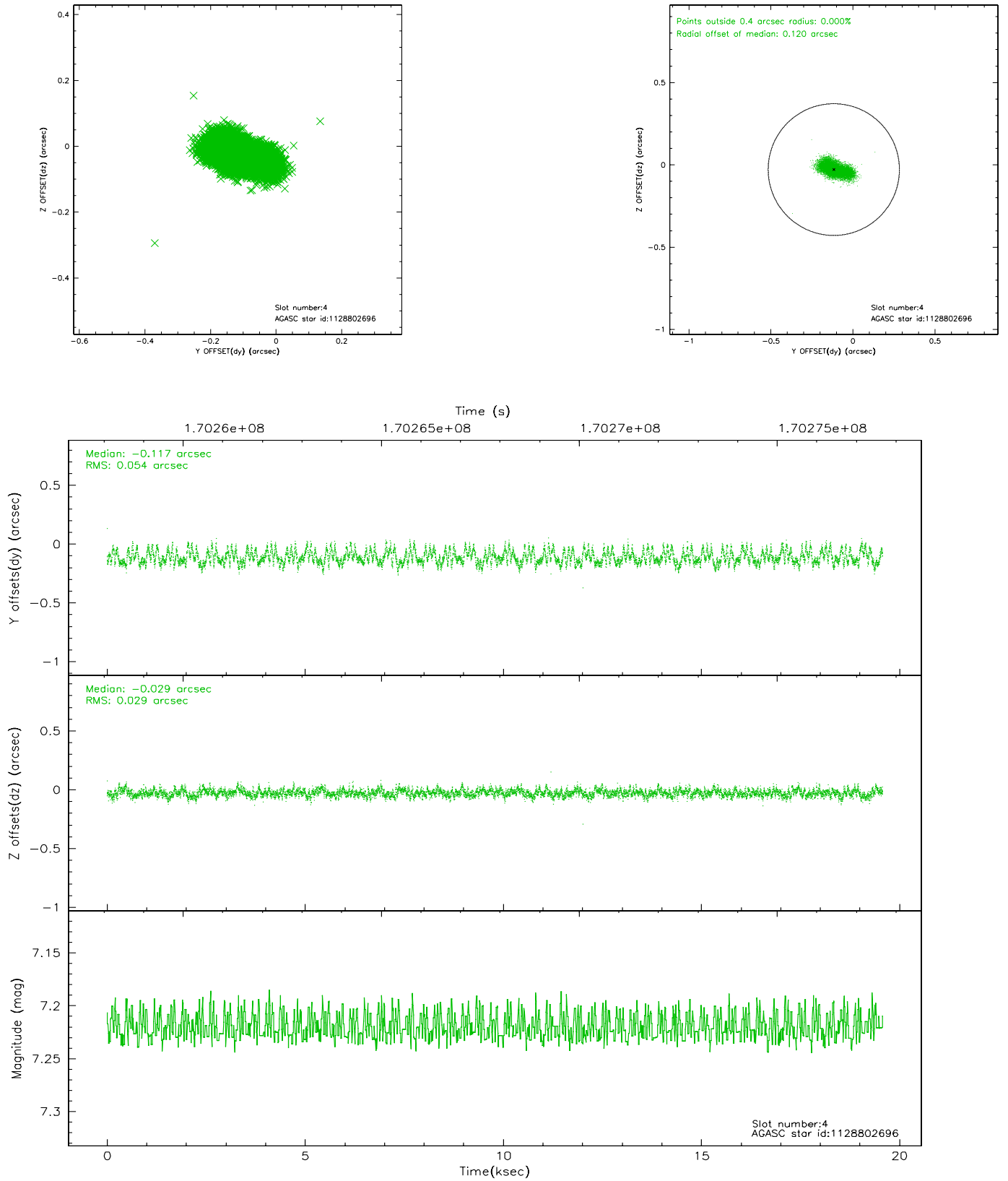
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	4775	0.022	0.020	0.009	0.016	0.000000	0.000000	939.77	-1725.02
1	FID	ACIS-S-5	7.25	4776	-0.030	0.034	0.007	0.012	0.000000	0.000000	-1809.13	172.41
2	FID	ACIS-S-6	7.36	4775	-0.013	-0.042	0.009	0.014	0.000000	0.000000	405.13	816.47
3	GUIDE	1128678344	7.89	9551	0.035	-0.066	0.071	0.113	152.732495	-59.154360	1154.86	-2291.47
4	GUIDE	1128802696	7.22	9551	-0.117	-0.029	0.065	0.110	155.284467	-58.483825	-2003.31	2006.50
5	GUIDE	1128798008	8.57	9549	-0.071	-0.002	0.065	0.103	153.338718	-58.362994	-1850.26	-1683.50
6	GUIDE	1128811864	7.61	9550	0.113	0.085	0.059	0.093	155.133167	-59.636346	2142.46	2333.77
7	GUIDE	1128810872	8.98	9544	0.038	0.014	0.083	0.130	155.210227	-59.411993	1323.18	2355.19

2.4 Star Slots

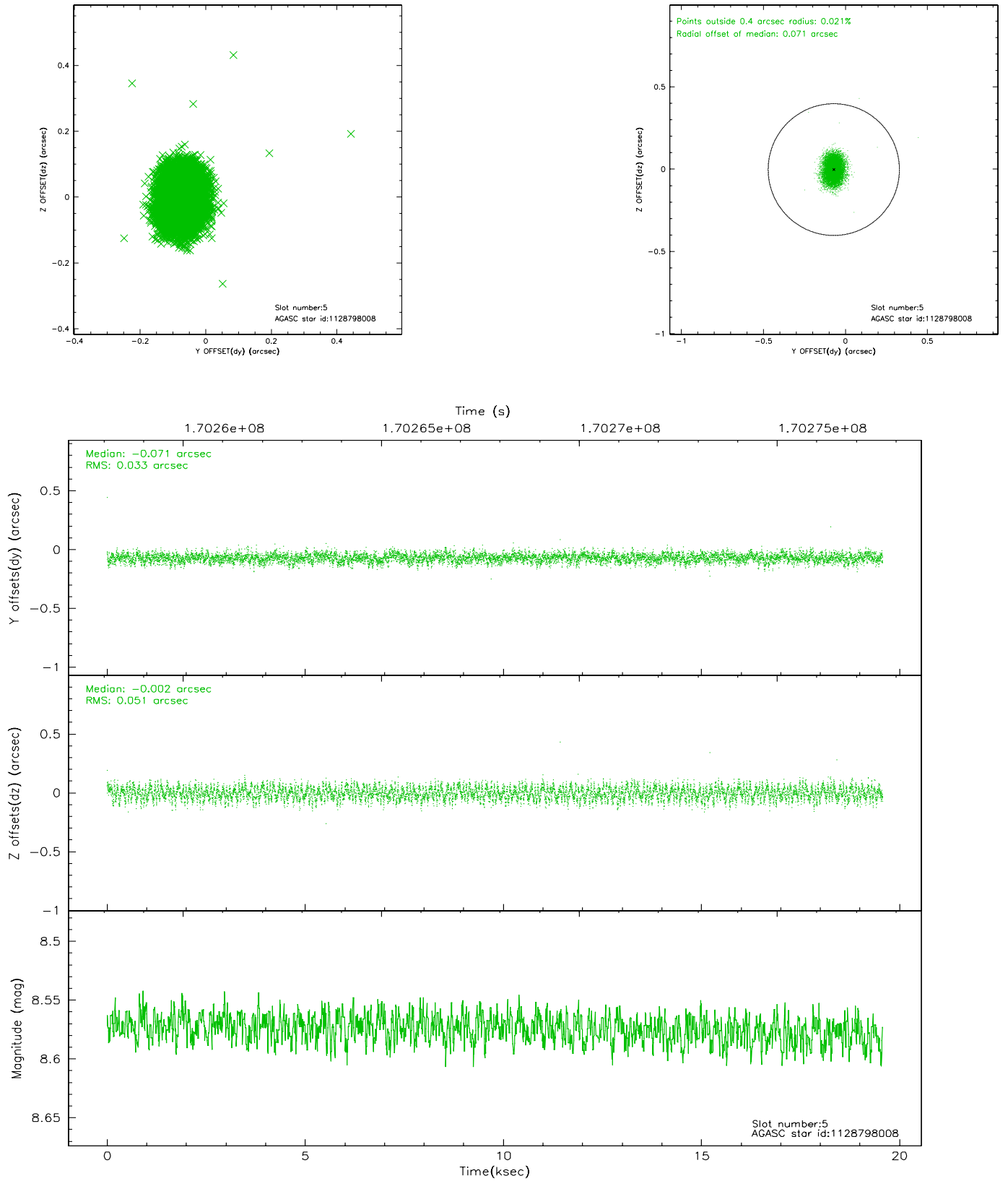
2.4.1 Slot 3



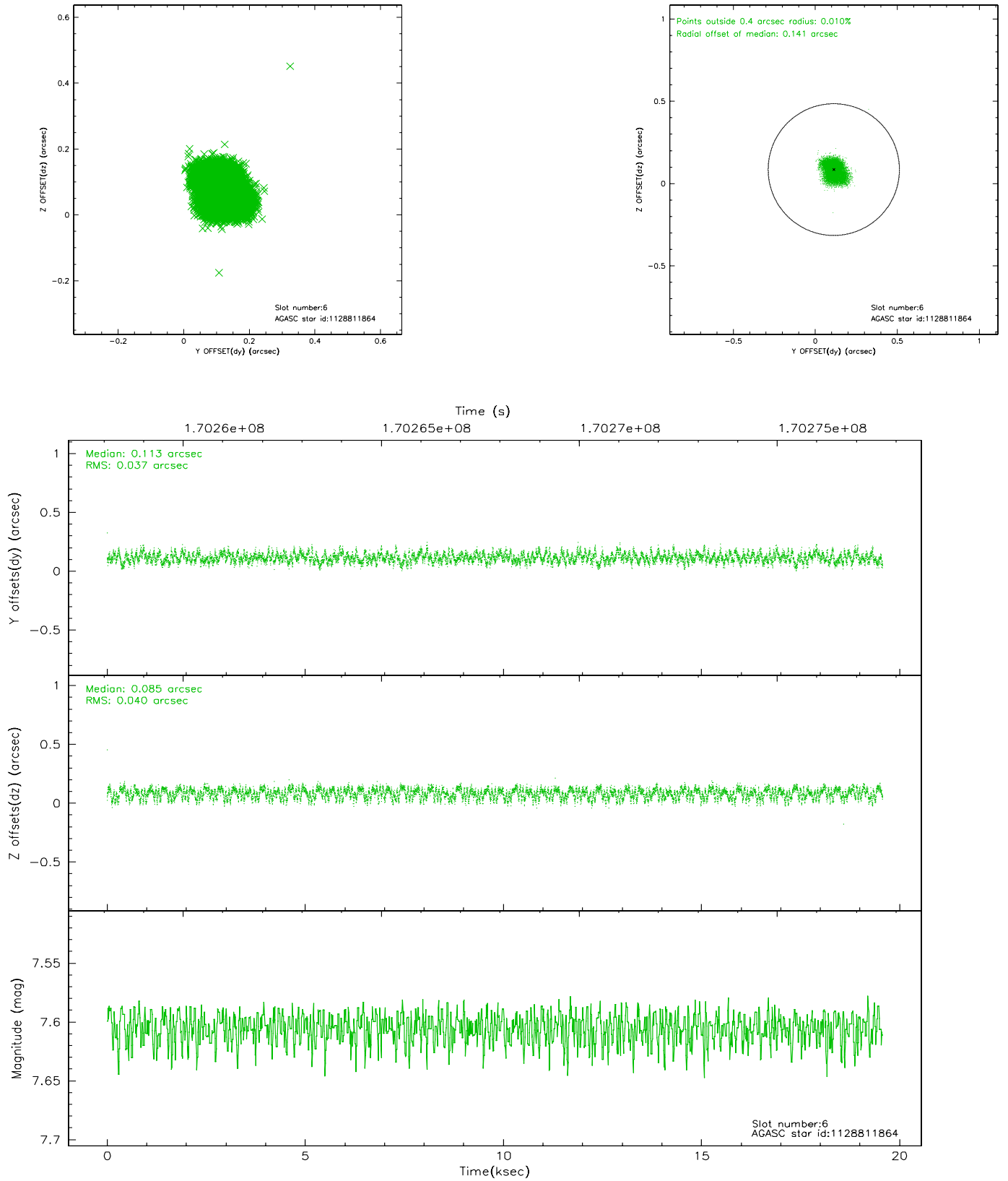
2.4.2 Slot 4



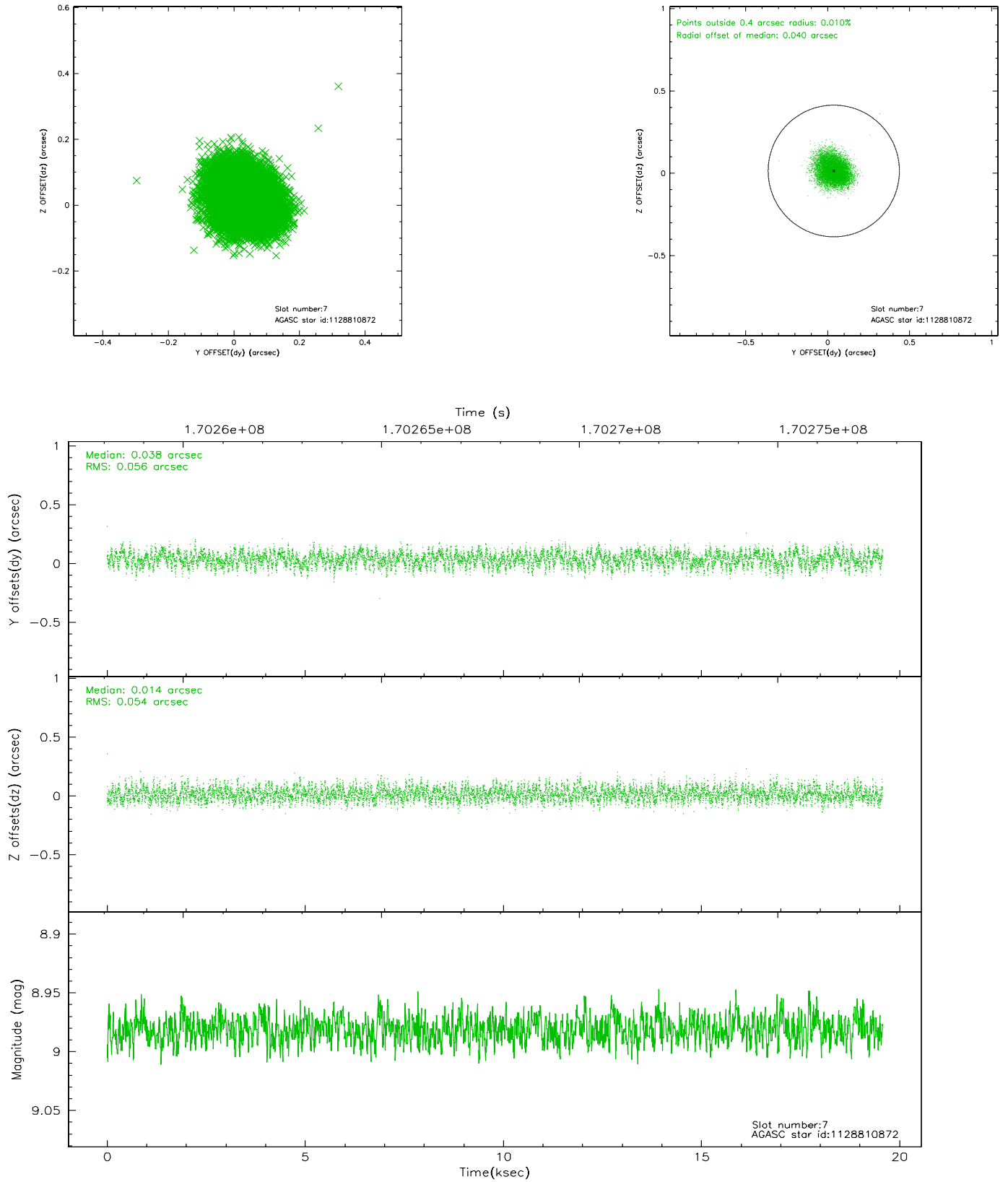
2.4.3 Slot 5



2.4.4 Slot 6

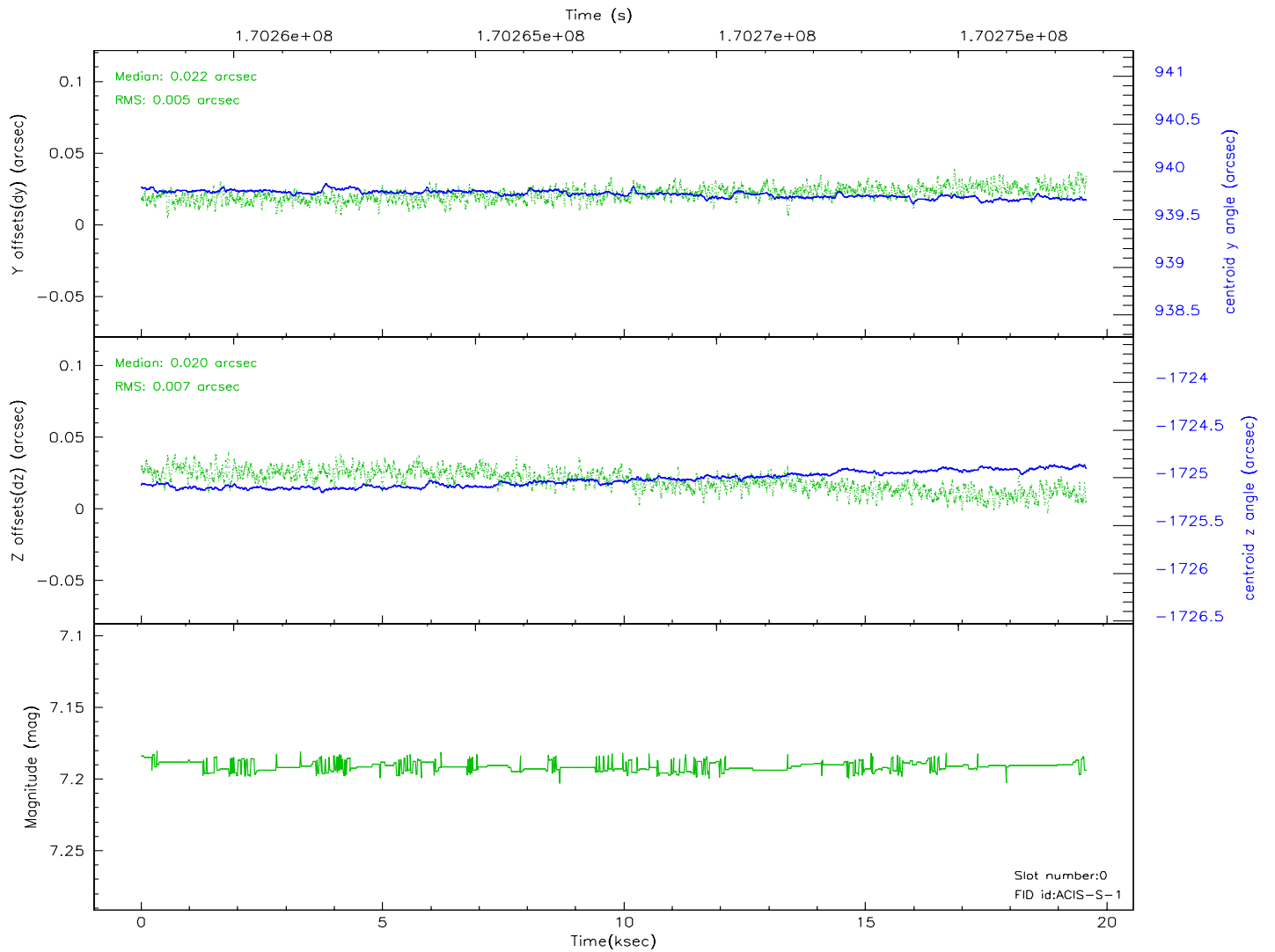
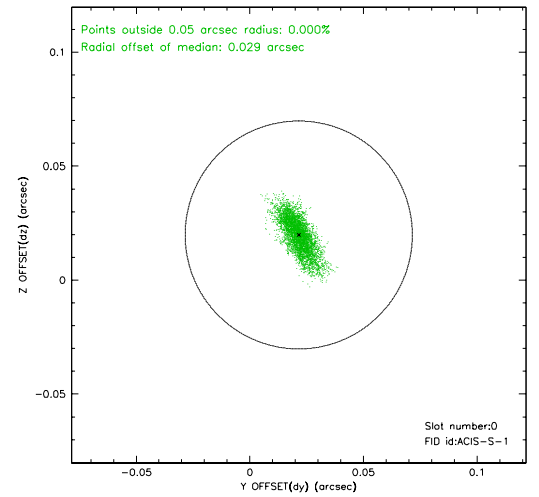
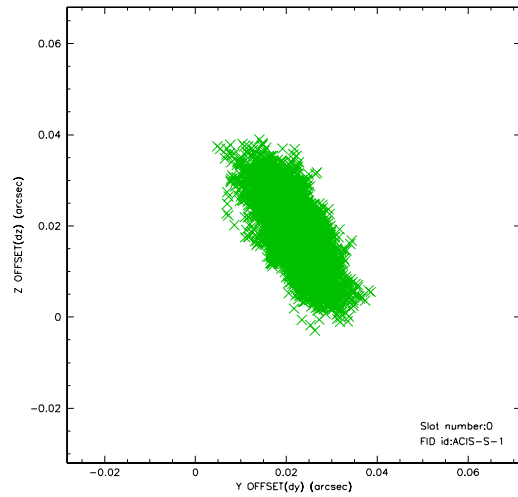


2.4.5 Slot 7

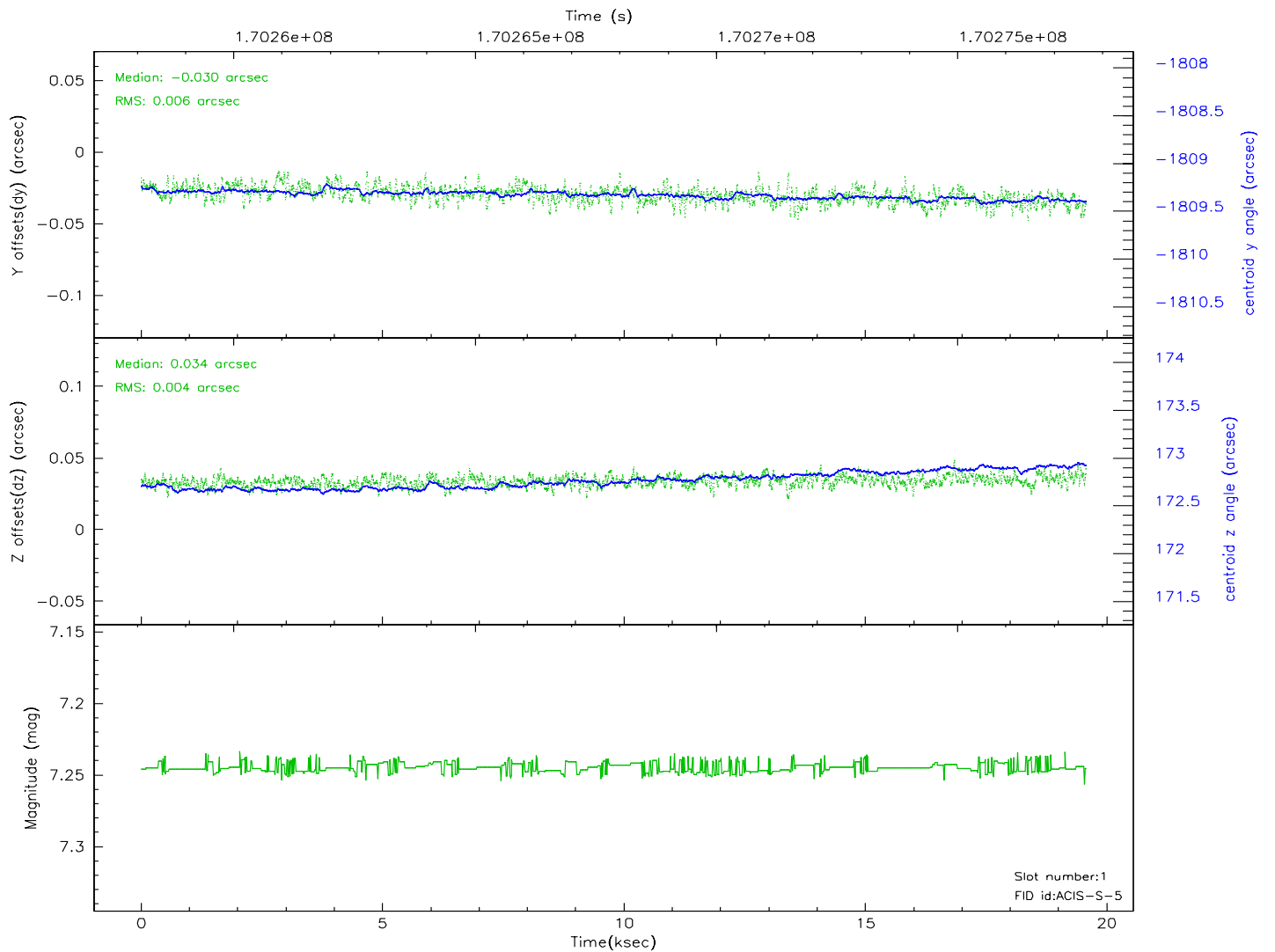
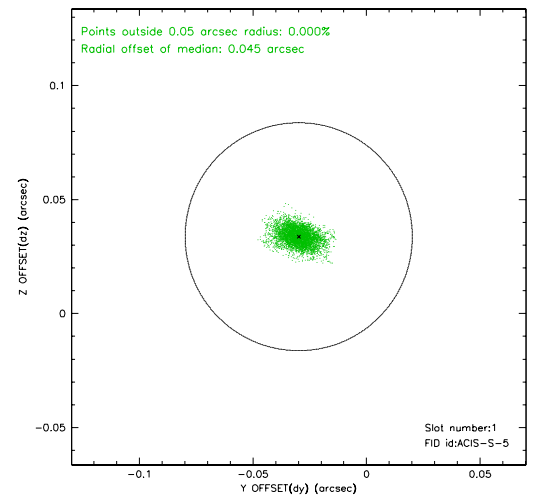
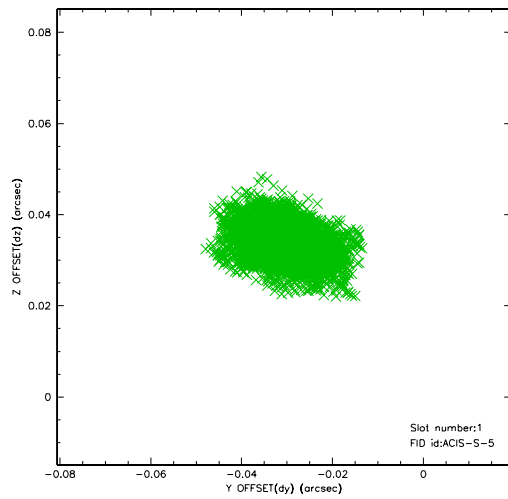


2.5 FID Slots

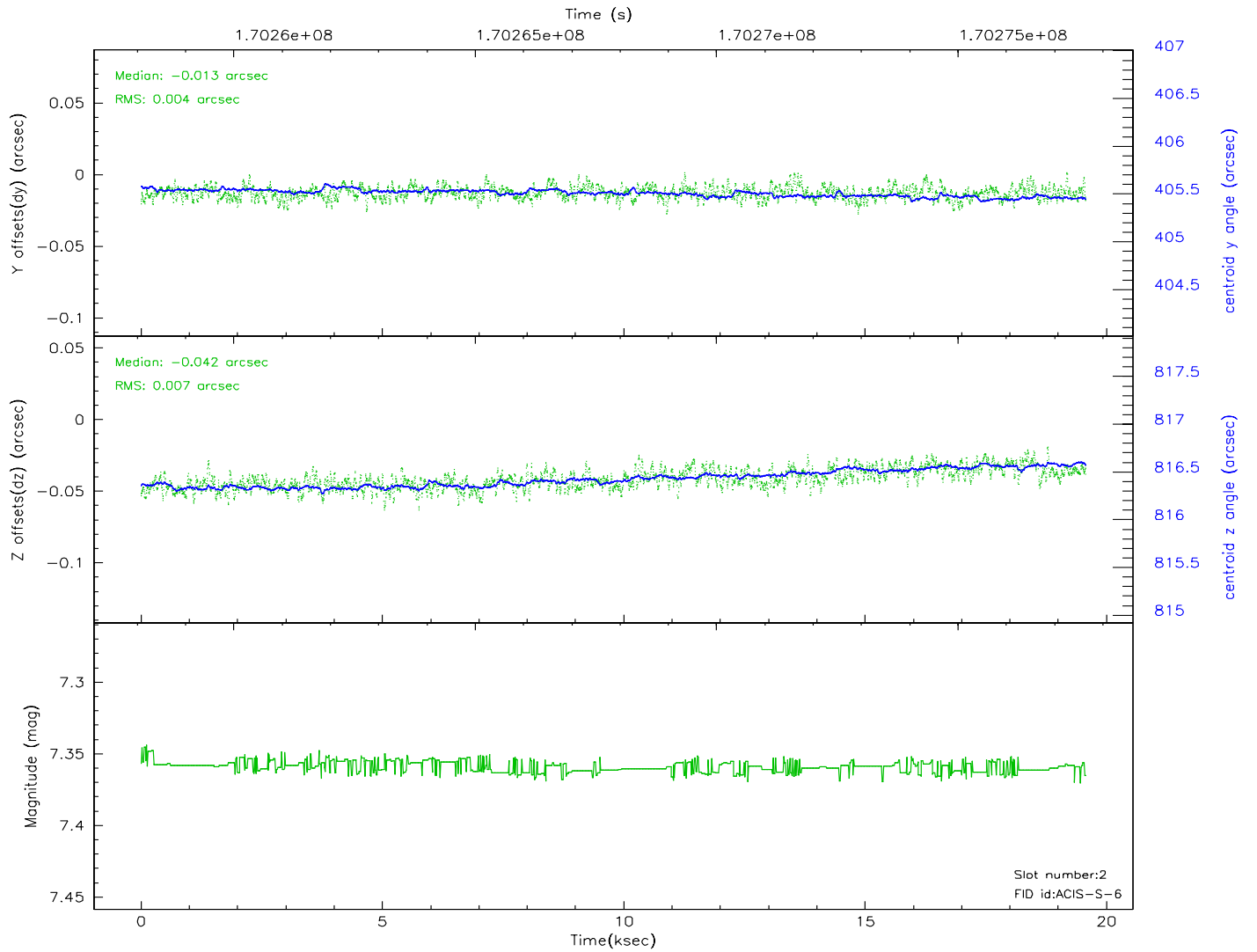
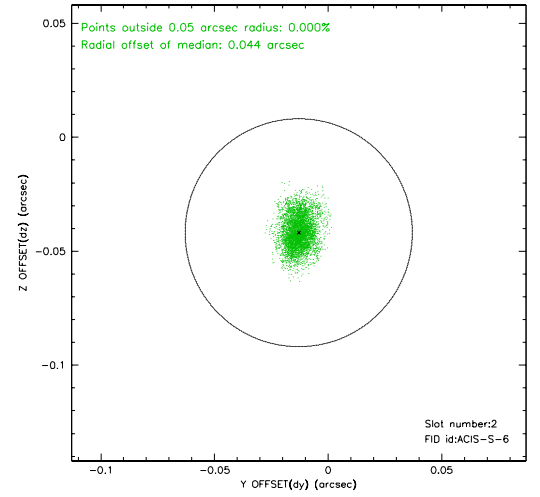
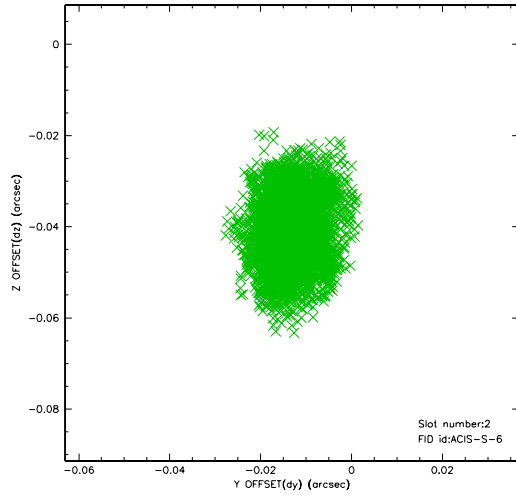
2.5.1 Slot 0



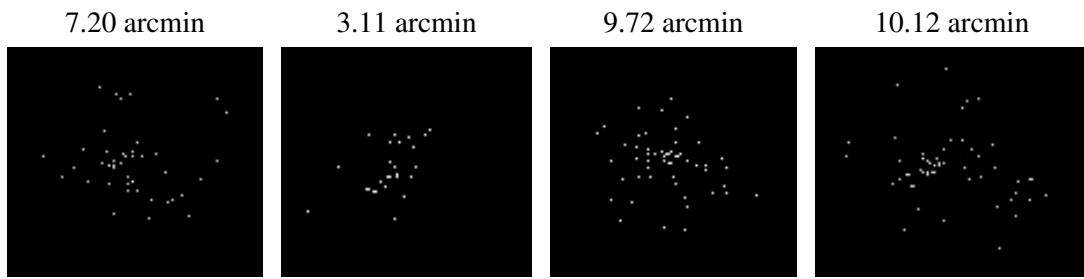
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.963

A.2 Comments