

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5518 - L2 Version 002
Chandra X-Ray Center

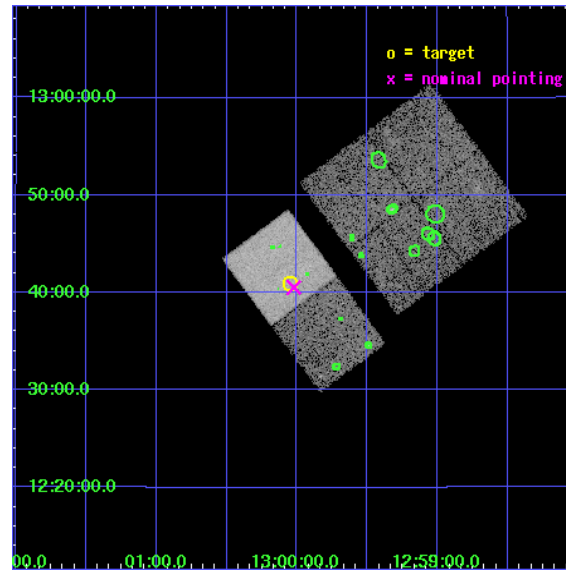
L2 Processing Date: Mar 4 2006

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1 Front

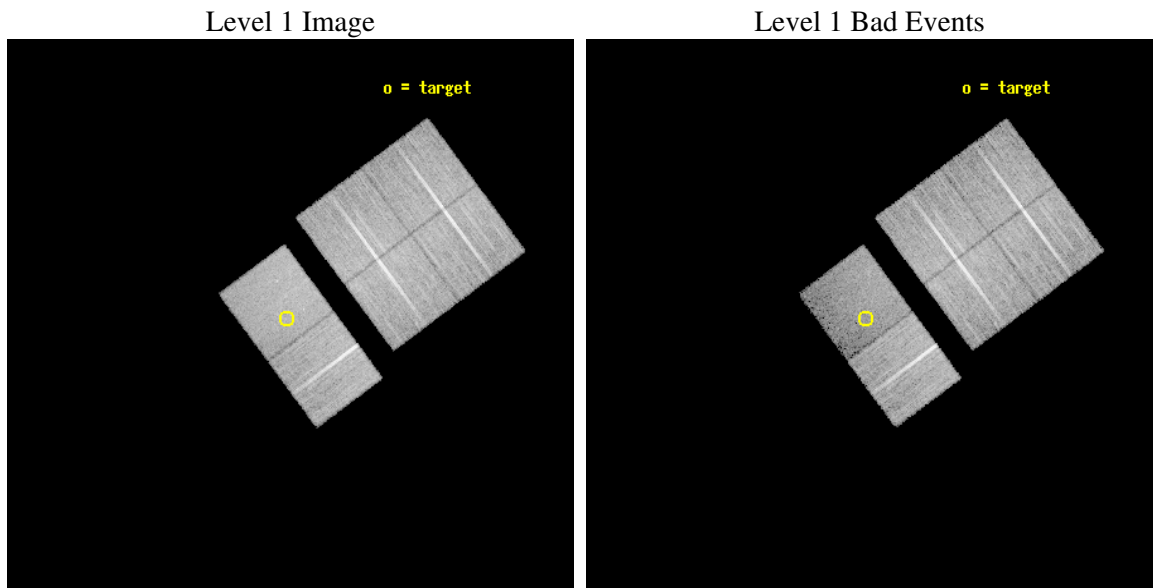
seq_num	500512
obs_id	5518
title	X-ray Emission from Radio Pulsars
observer	Prof. Gordon Garmire
object	PSR B1257+12
dtcycle	0
cycle	P
ra_targ	195.012833
dec_targ	12.682192
ra_nom	195.00562220601
dec_nom	12.675581996888
roll_nom	233.33619240084
revision	2
ontime	20051.199925303
livetime	19797.299558466
ontime0	20051.199925303
ontime1	20051.199925303
ontime2	20044.718014449
ontime3	20051.199925303
ontime6	20051.199925303
ontime7	20051.199925303
l2events	90460



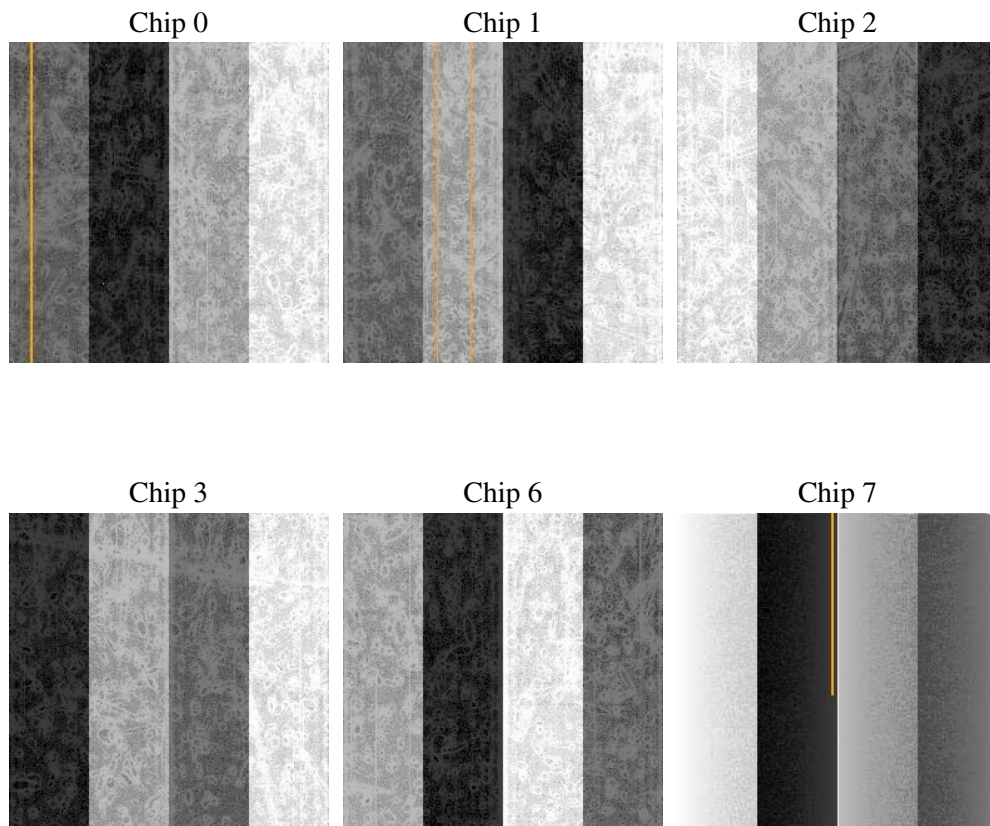
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7
caldsver	3.2.1
date	2006-03-04T05:07:54
revision	2

sched_exp_time	20000.000000
ontime	20055.366574377
ontime0	20055.366574377
ontime1	20055.366574377
ontime2	20048.884663522
ontime3	20055.366574377
ontime6	20055.366574377
ontime7	20055.366574377
l1events	633230

2.1.4 Events

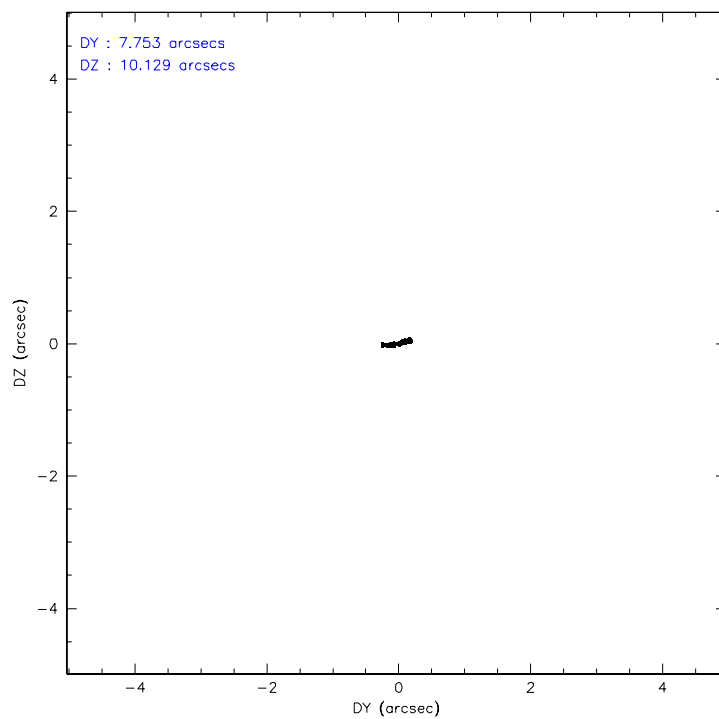
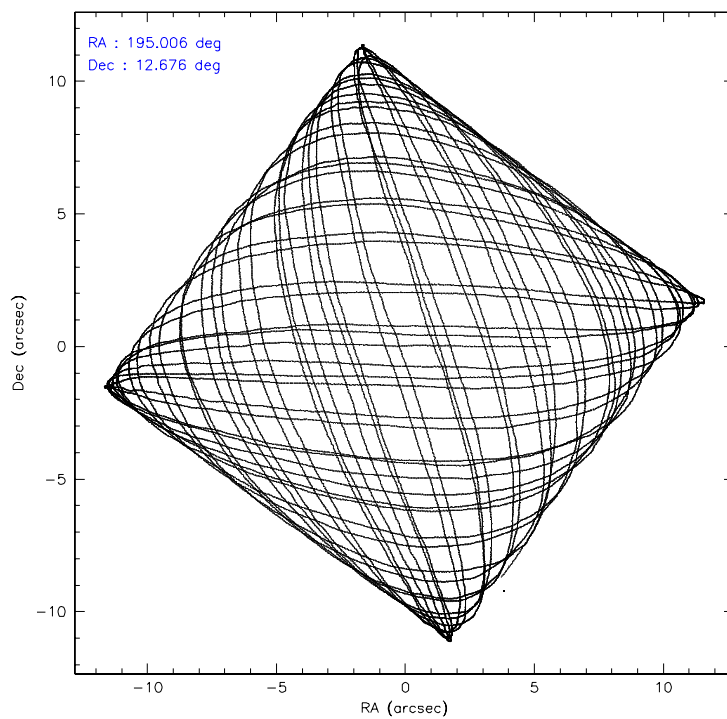
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	106056	97526	109371	107127	109383	103767
rejected events	95123	86485	98933	97030	98034	55985
rejected %	89%	88%	90%	90%	89%	53%

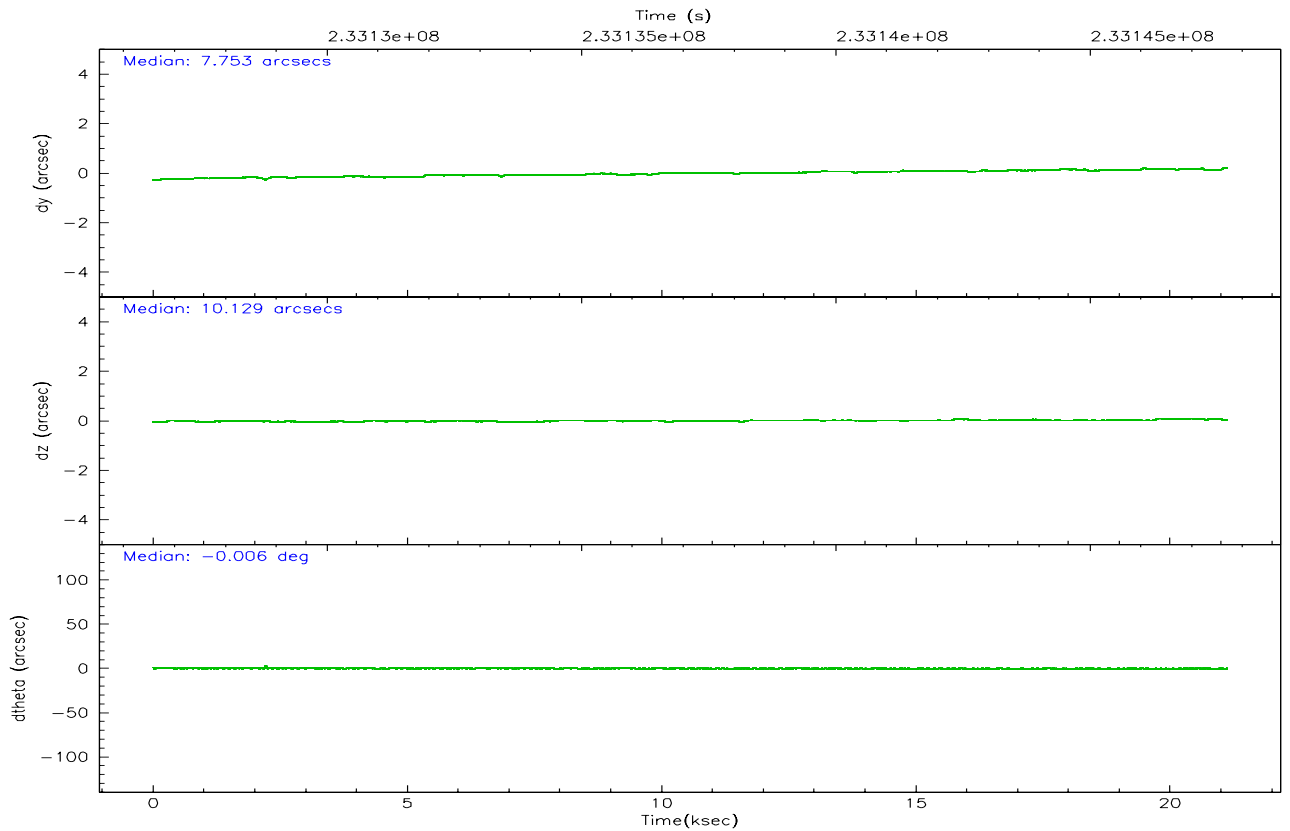
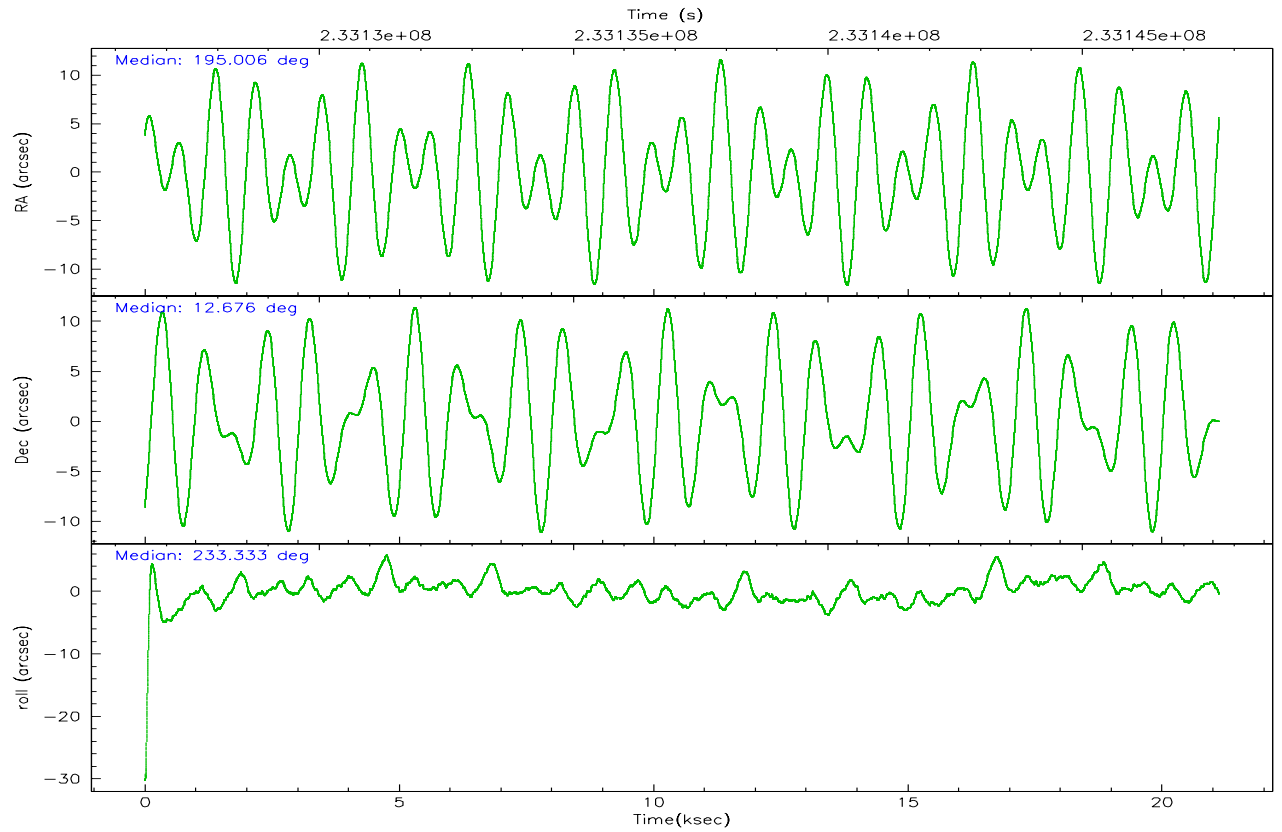
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3866	3780	3884	3798	4210	3379
	3%	3%	3%	3%	3%	3%
grade 1 events	49	40	70	58	49	64
	0%	0%	0%	0%	0%	0%
grade 2 events	2644	2403	2432	2142	2353	12401
	2%	2%	2%	1%	2%	11%
grade 3 events	1271	1335	1159	1154	1221	3022
	1%	1%	1%	1%	1%	2%
grade 4 events	1132	1265	1180	1149	1209	2778
	1%	1%	1%	1%	1%	2%
grade 5 events	3323	3347	2901	3583	3743	8236
	3%	3%	2%	3%	3%	7%
grade 6 events	2021	2261	1786	1858	2361	26219
	1%	2%	1%	1%	2%	25%
grade 7 events	91750	83095	95959	93385	94237	47668
	86%	85%	87%	87%	86%	45%

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	195.008476	195.005622206007	Alternating exposures requested	N	N
Pointing Dec	12.702655	12.6755819968878	Primary exposure time	0.000000	3.2
Pointing Roll	233.178941	233.336192400836			
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	233127701.184000	233126223.8401			
Observation start date	2005-05-22T05:40:37	2005-05-22T05:17:03			
Observation end time	233147701.184000	233149118.75365			
Observation end date	2005-05-22T11:13:57	2005-05-22T11:38:38			
Read mode	TIMED	TIMED			

2.3 Aspect



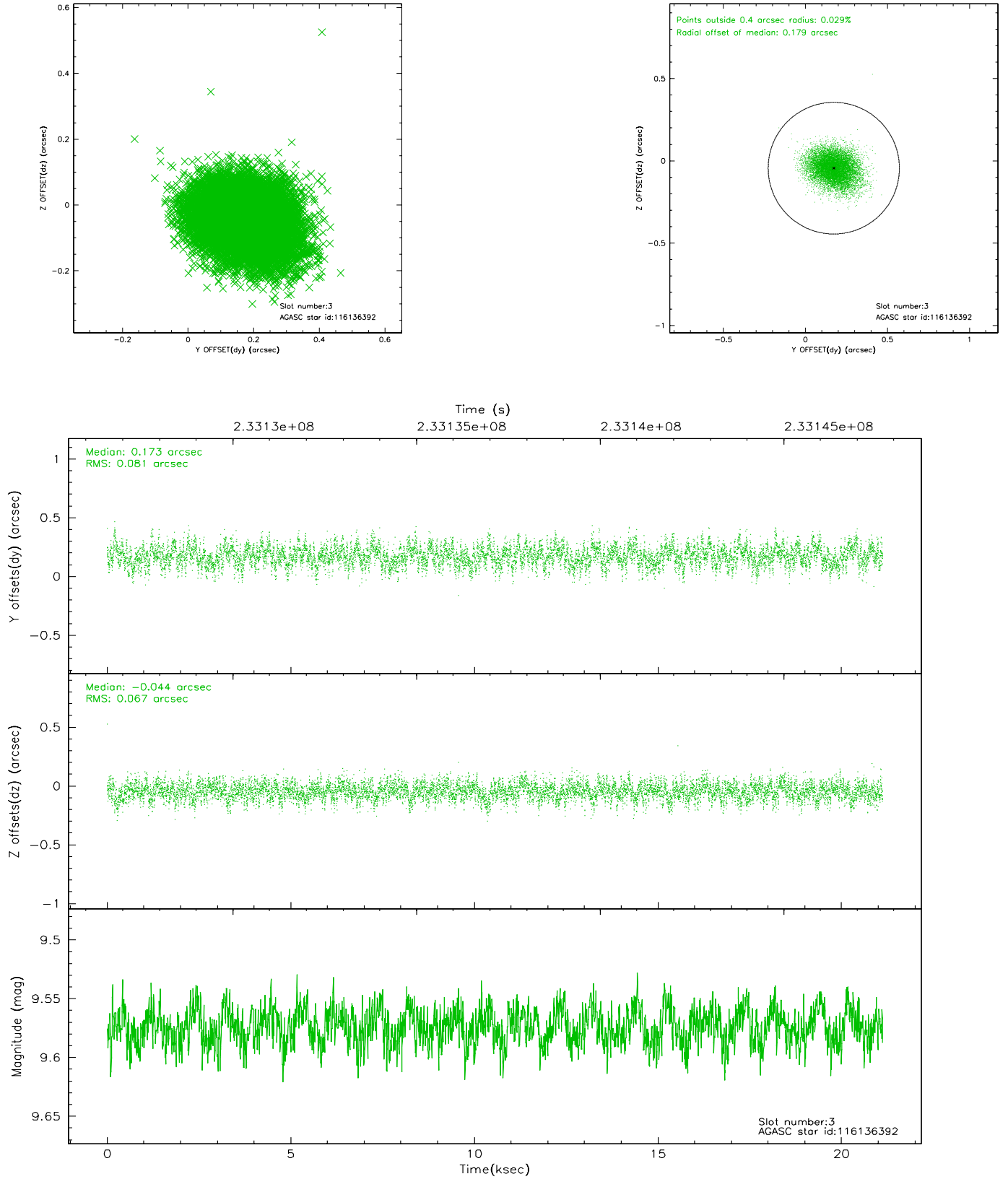


Slot Statistics

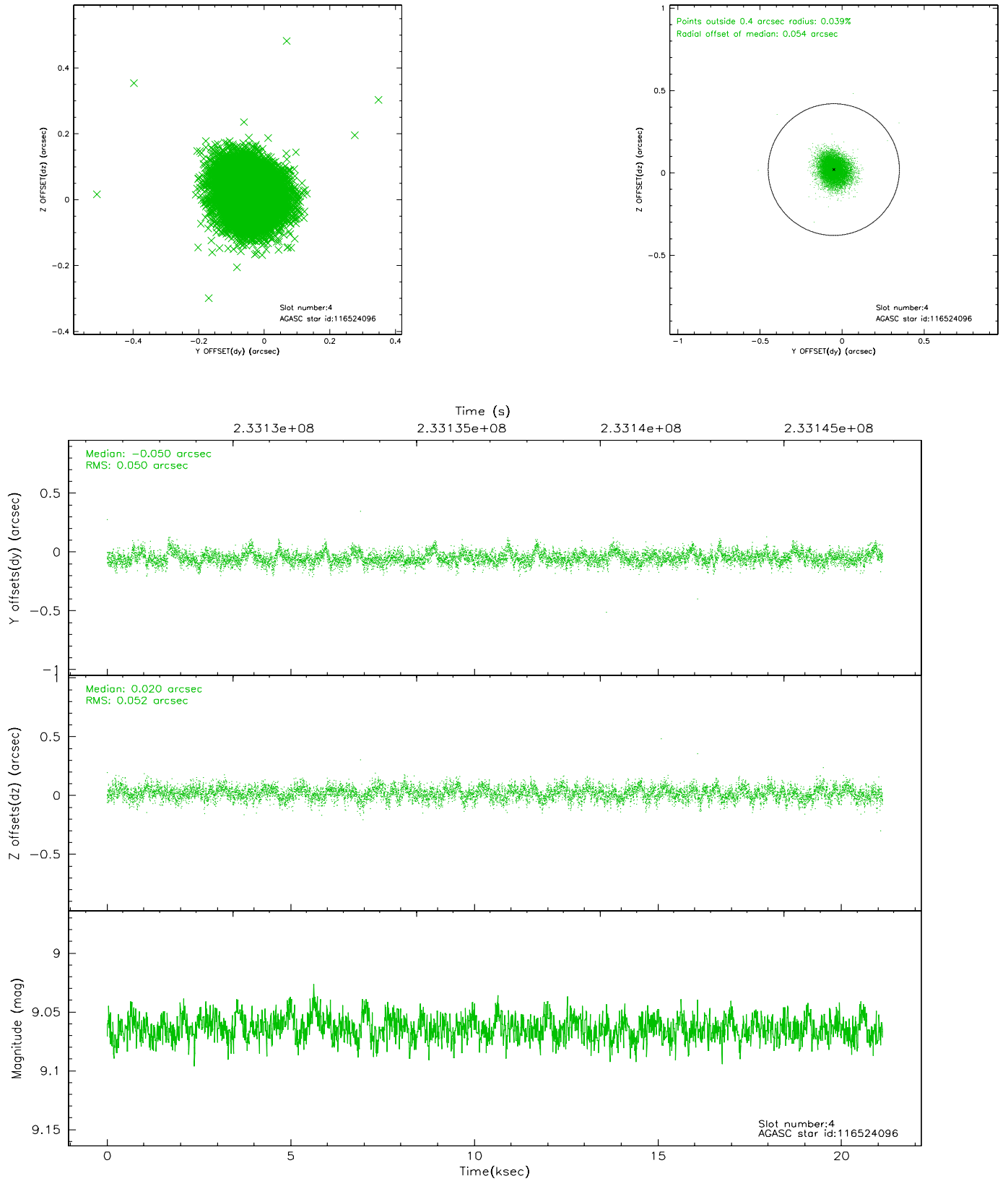
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5153	-0.030	0.003	0.007	0.011	0.000000	0.000000	-760.49	-1731.40
1	FID	ACIS-S-4	7.21	5151	0.063	0.014	0.007	0.012	0.000000	0.000000	2152.75	177.00
2	FID	ACIS-S-5	7.23	5153	-0.065	-0.008	0.009	0.014	0.000000	0.000000	-1813.20	170.73
3	GUIDE	116136392	9.57	10294	0.173	-0.044	0.111	0.181	194.414696	12.356603	2247.28	-926.11
4	GUIDE	116524096	9.06	10302	-0.050	0.020	0.076	0.124	194.956948	12.943353	-584.88	-663.88
5	GUIDE	116527432	9.76	10233	-0.148	-0.034	0.099	0.165	195.424040	13.173544	-2230.80	149.38
6	GUIDE	116529456	10.33	10289	-0.017	0.012	0.168	0.267	195.731712	12.662703	-1410.14	2117.87
7	GUIDE	116530336	9.78	10291	0.036	0.049	0.101	0.164	195.563298	12.806260	-1467.47	1334.83

2.4 Star Slots

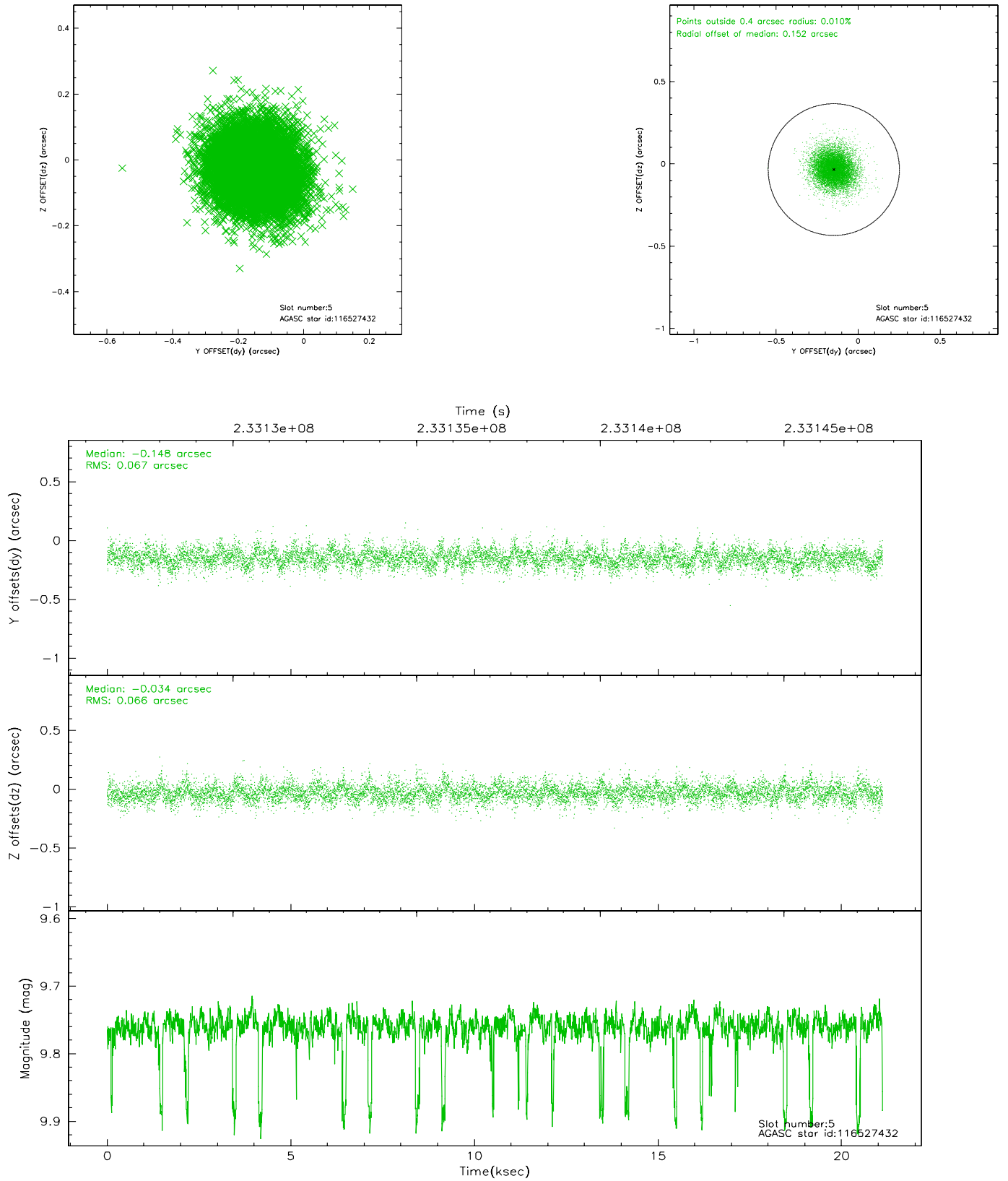
2.4.1 Slot 3



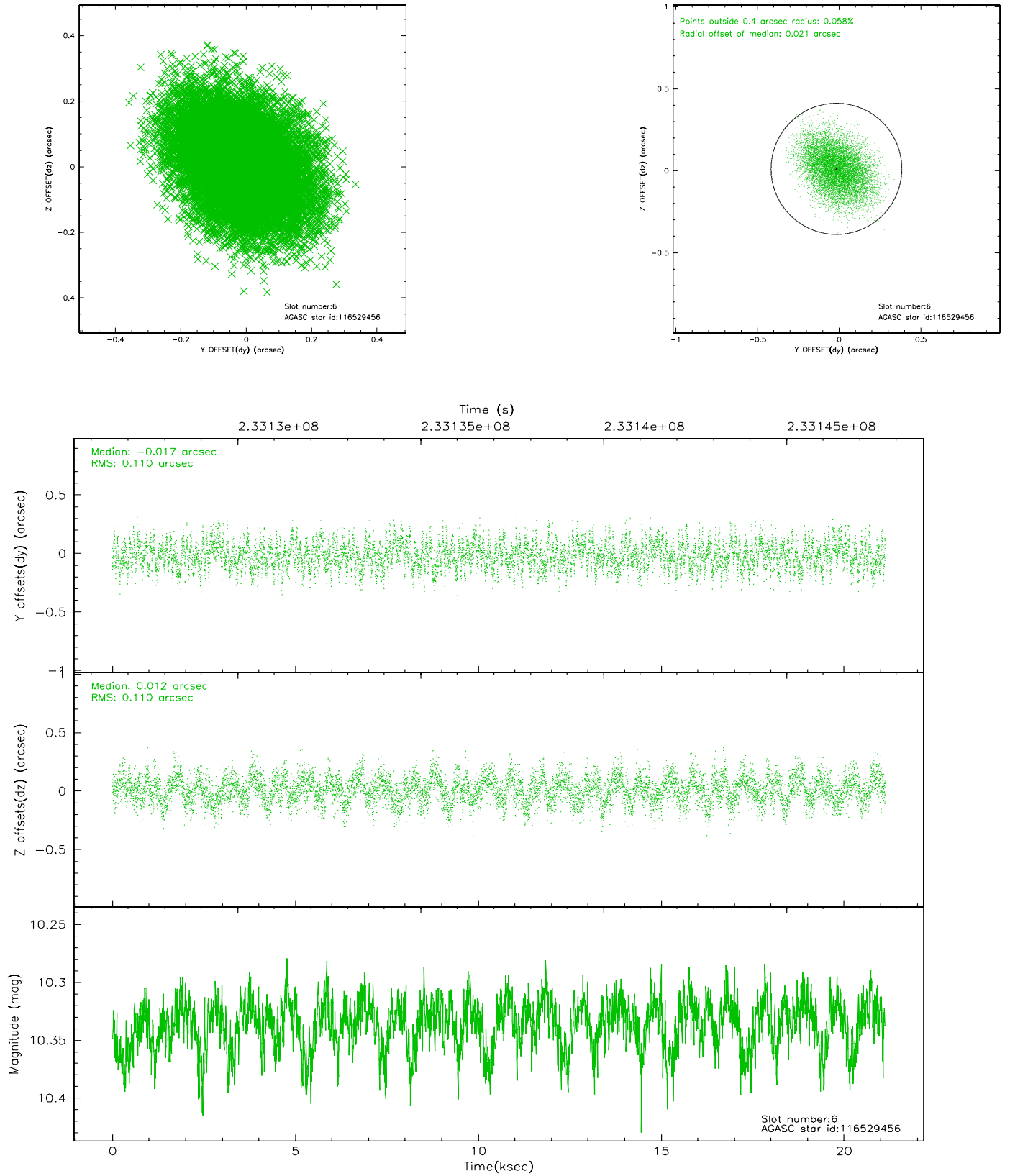
2.4.2 Slot 4



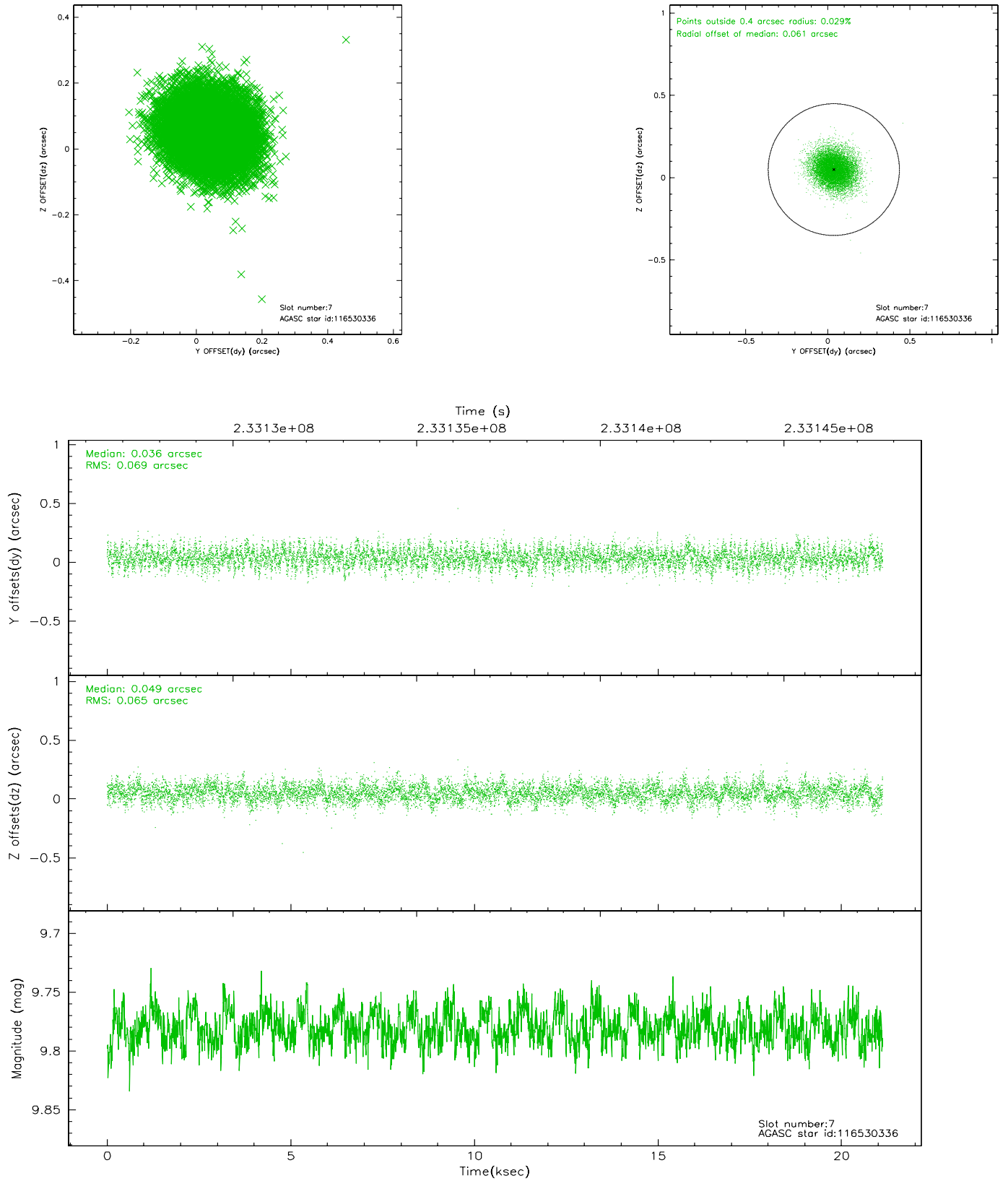
2.4.3 Slot 5



2.4.4 Slot 6

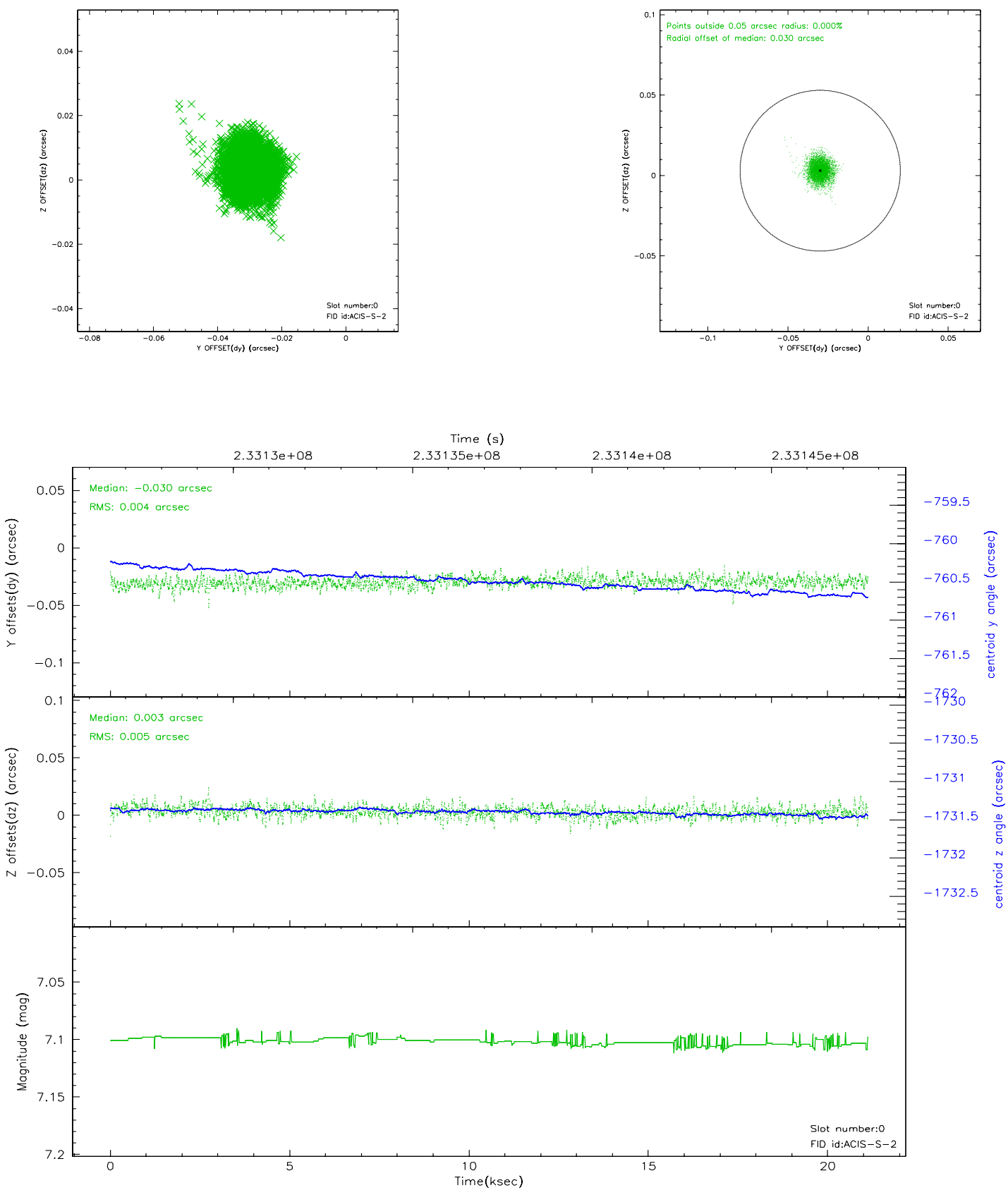


2.4.5 Slot 7

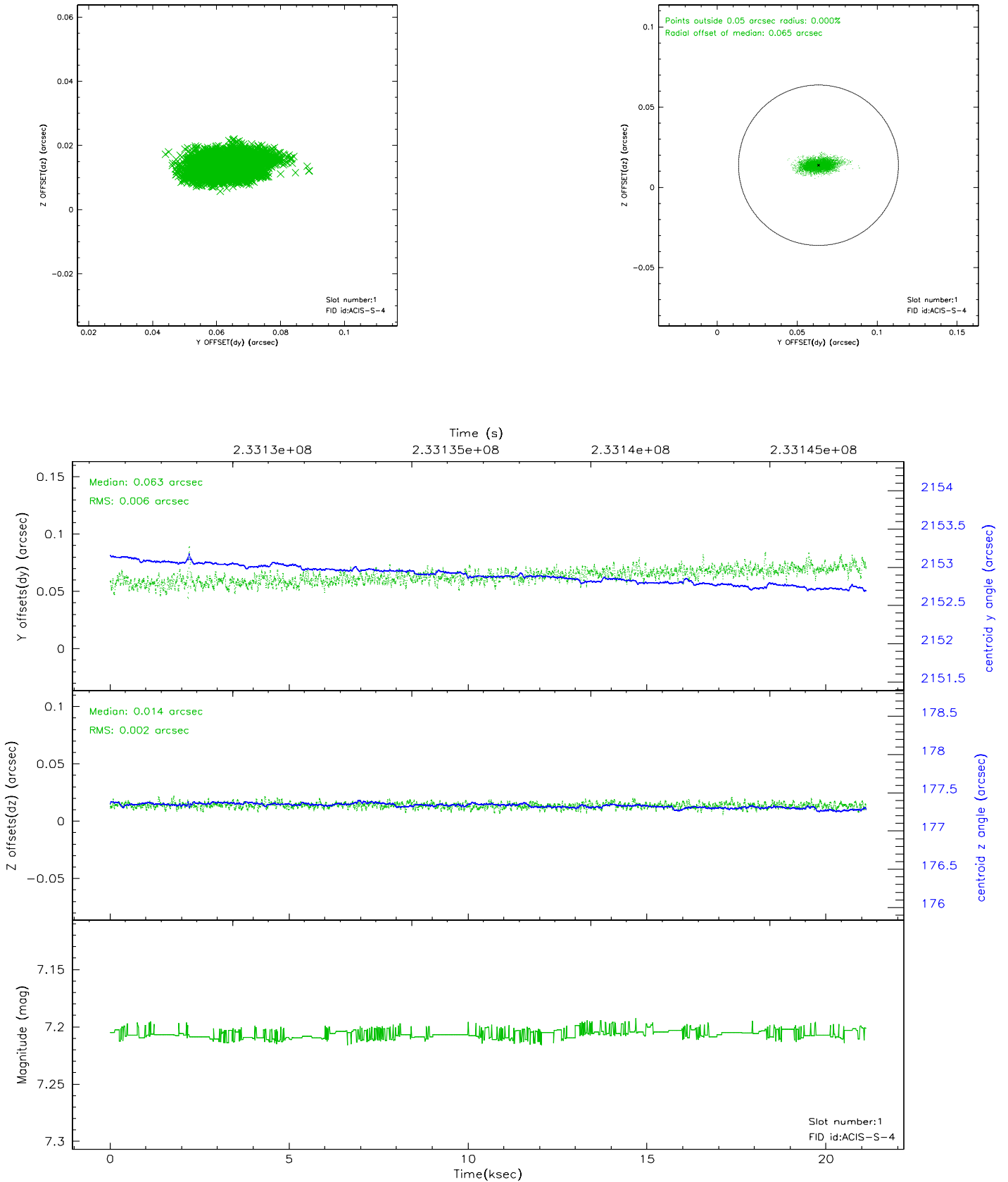


2.5 FID Slots

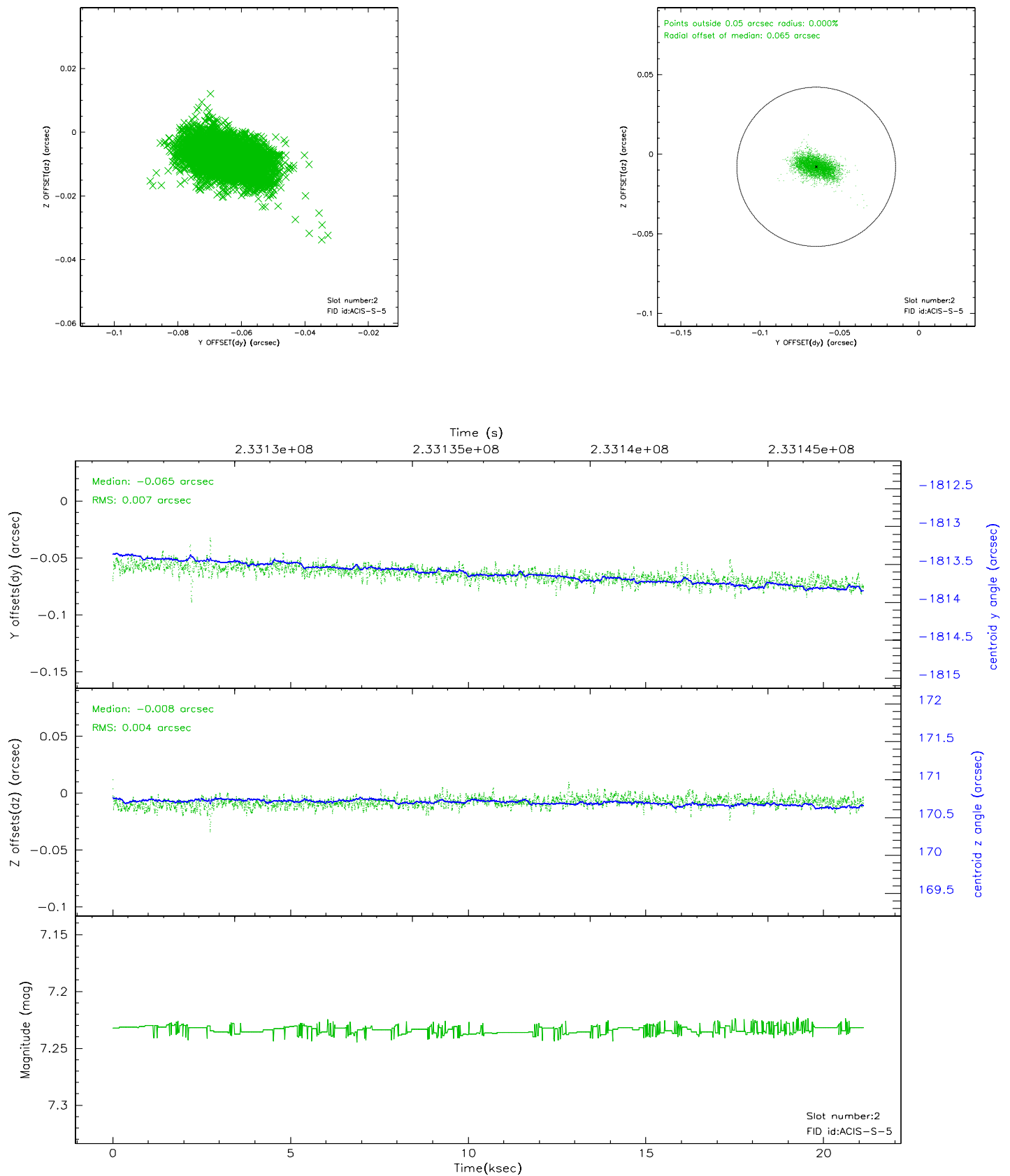
2.5.1 Slot 0



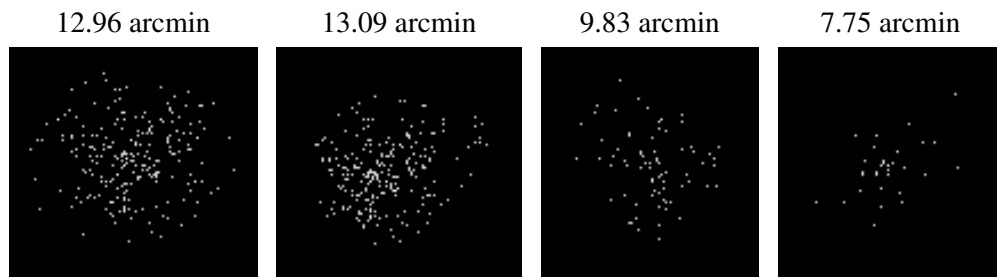
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.05119

A.2 Comments