

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3901 - L2 Version 001
Chandra X-Ray Center

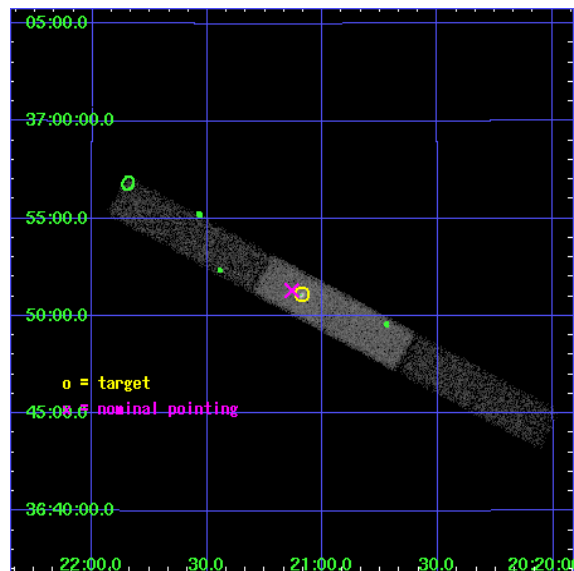
L2 Processing Date : Jul 20 2006

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1 Front

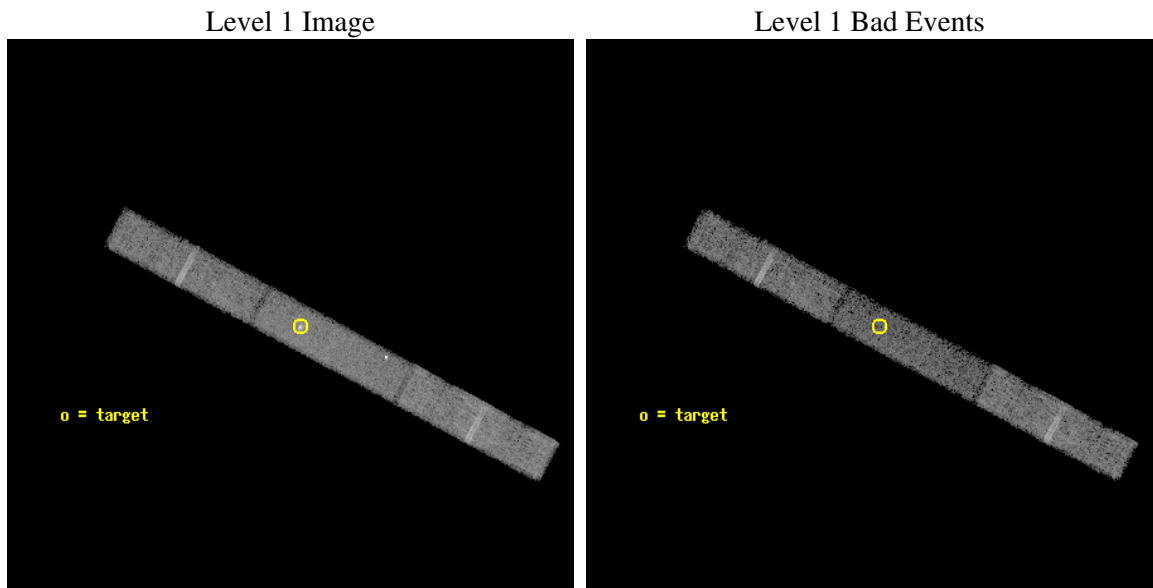
seq_num	500380
obs_id	3901
title	PSR J2021+3651: A GAMMA-RAY PULSAR AT THE EDGE OF THE GALAXY?
observer	Dr. Mallory Roberts
object	PSR J2021+3651
dtcycle	0
cycle	P
ra_targ	305.271667
dec_targ	36.852333
ra_nom	305.28315578885
dec_nom	36.855321461278
roll_nom	28.149724971745
revision	2
ontime	19868.359111488
livetime	19001.873672043
ontime6	19868.359111458
ontime7	19868.359111488
ontime8	19869.300131589
l2events	31675



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	2006-07-21T01:28:06
revision	2

sched_exp_time	19700.000000
ontime	20631.109256476
ontime6	20631.109256446
ontime7	20631.109256476
ontime8	20632.050276577
l1events	153573

2.1.4 Events

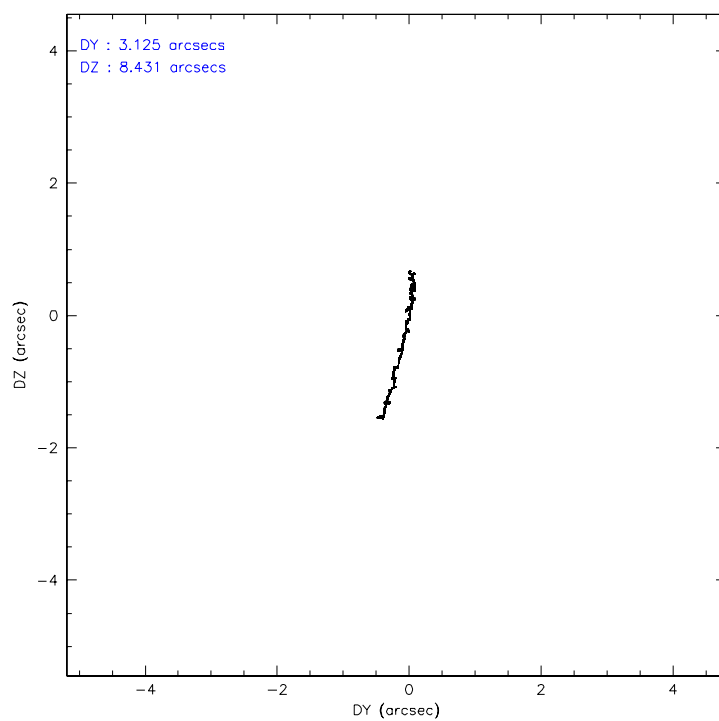
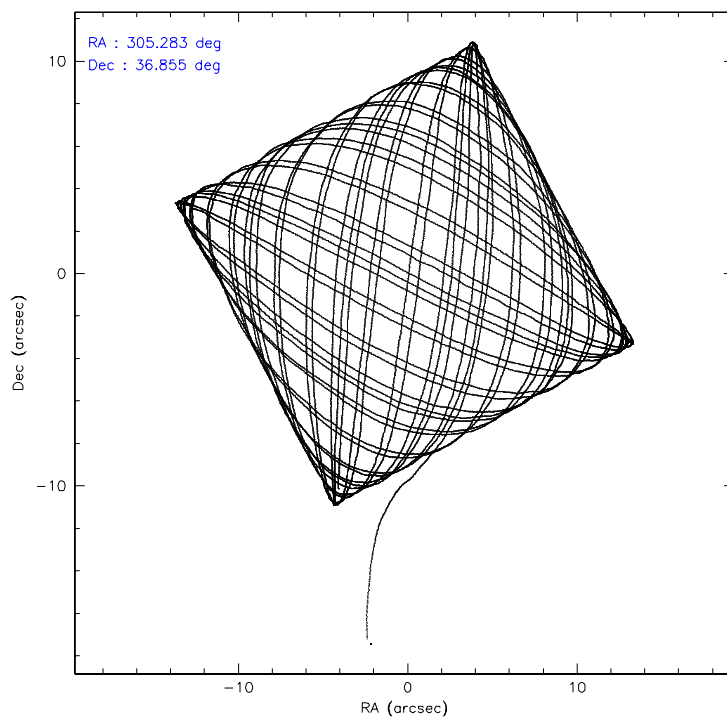
	ccd 6	ccd 7	ccd 8
level 1 events	45420	51291	56862
rejected events	39289	28621	46989
rejected %	86%	55%	82%

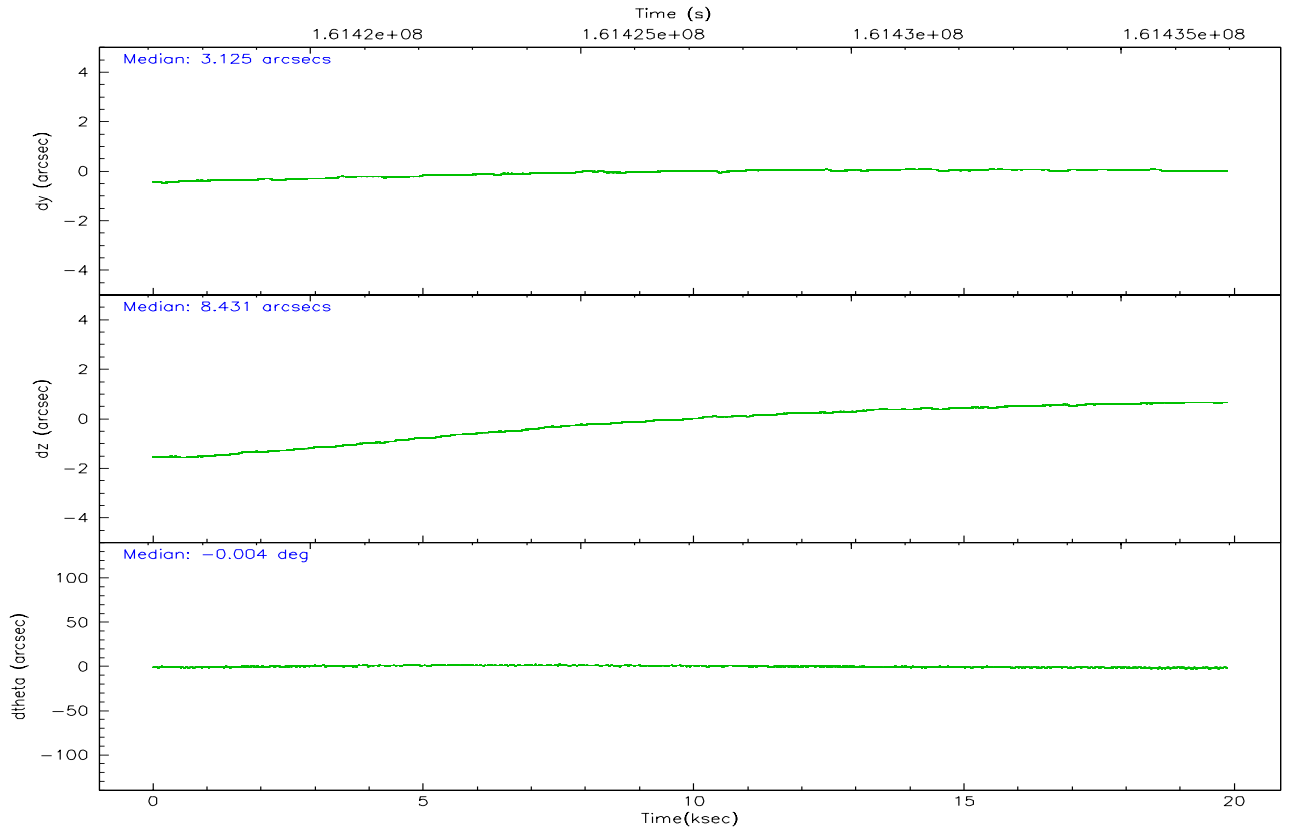
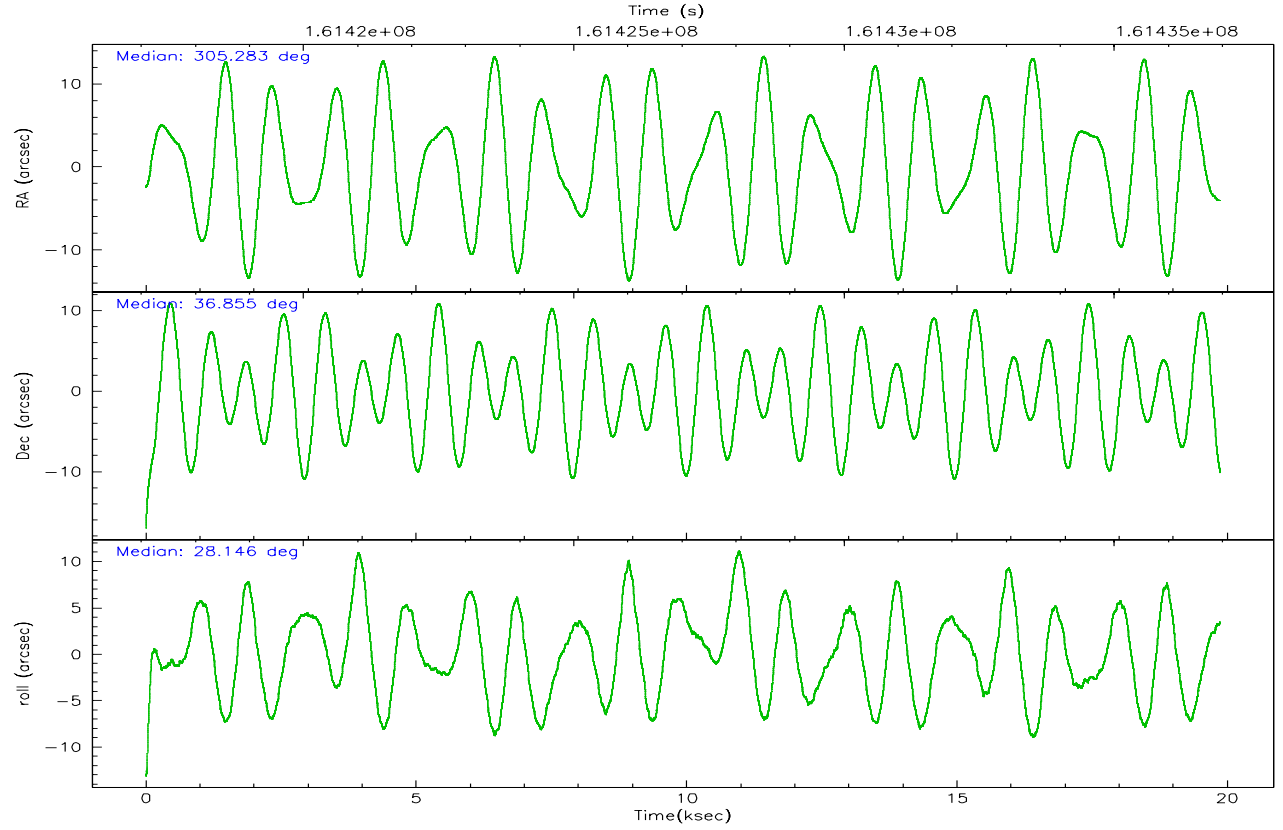
	ccd 6	ccd 7	ccd 8
grade 0 events	2912	2608	3324
	6%	5%	5%
grade 1 events	17	35	21
	0%	0%	0%
grade 2 events	993	5667	1982
	2%	11%	3%
grade 3 events	757	1981	1205
	1%	3%	2%
grade 4 events	757	1921	1145
	1%	3%	2%
grade 5 events	1597	3305	1944
	3%	6%	3%
grade 6 events	912	11188	2575
	2%	21%	4%
grade 7 events	37475	24586	44666
	82%	47%	78%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-678	ACIS-678	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	1/4	1/4
Pointing RA	305.265601	305.2831557888534	Subarray start row	0	385
Pointing Dec	36.832001	36.85532146127822	Subarray row count	1024	256
Pointing Roll	28.003637	28.1497249717445	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.9
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	161417260.184000	161416207.48268			
Observation start date	2003-02-12T06:06:36	2003-02-12T05:50:07			
Observation end time	161436960.184000	161437093.90856			
Observation end date	2003-02-12T11:34:56	2003-02-12T11:38:13			
Read mode	TIMED	TIMED			

2.3 Aspect



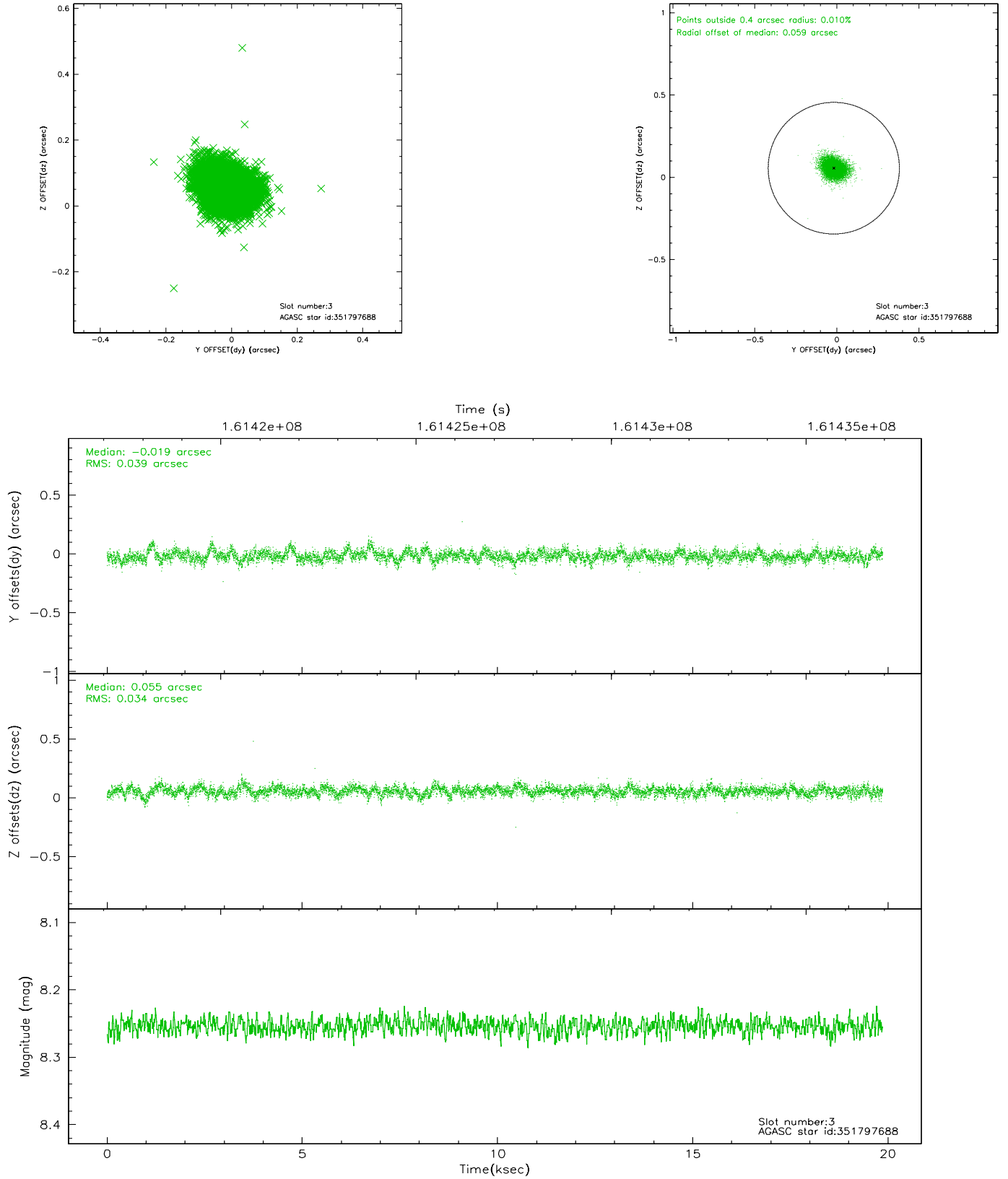


Slot Statistics

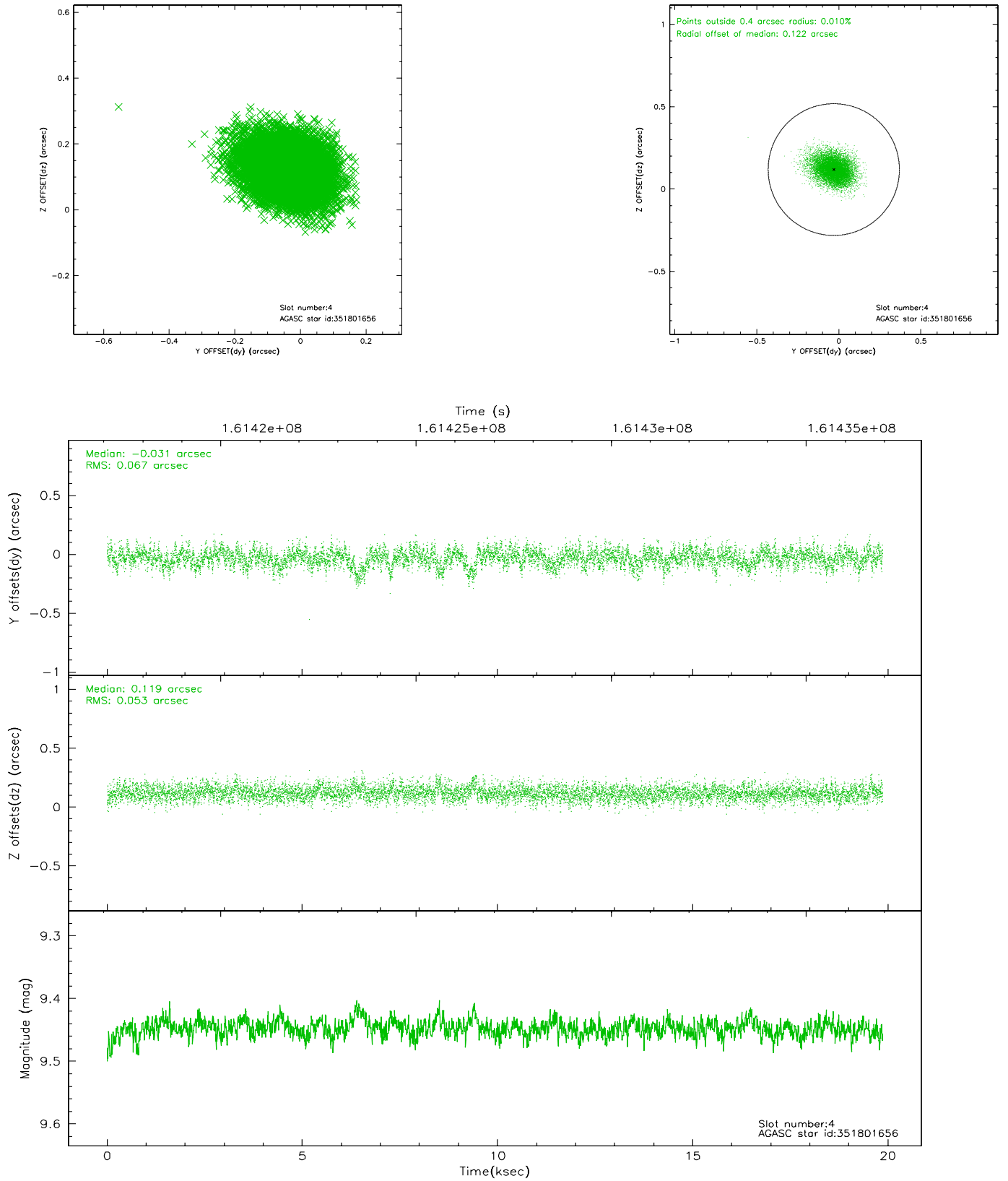
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4847	-0.012	0.011	0.010	0.017	0.000000	0.000000	-755.69	-1729.43
1	FID	ACIS-S-4	7.20	4845	-0.036	0.003	0.009	0.015	0.000000	0.000000	2157.46	178.86
2	FID	ACIS-S-5	7.24	4846	0.016	-0.005	0.010	0.022	0.000000	0.000000	-1808.27	172.72
3	GUIDE	351797688	8.25	9689	-0.019	0.055	0.054	0.092	305.702978	37.435347	2125.00	1333.60
4	GUIDE	351801656	9.45	9690	-0.031	0.119	0.089	0.150	305.958441	36.522506	1250.48	-1918.07
5	GUIDE	351812608	8.24	9694	0.133	-0.072	0.061	0.096	304.539634	36.570010	-2291.91	159.48
6	GUIDE	351803264	9.13	9690	-0.063	0.048	0.103	0.160	305.048112	36.103142	-1790.28	-2019.03
7	GUIDE	413143680	9.14	9672	-0.012	-0.148	0.118	0.188	305.316452	37.600642	1427.17	2374.90

2.4 Star Slots

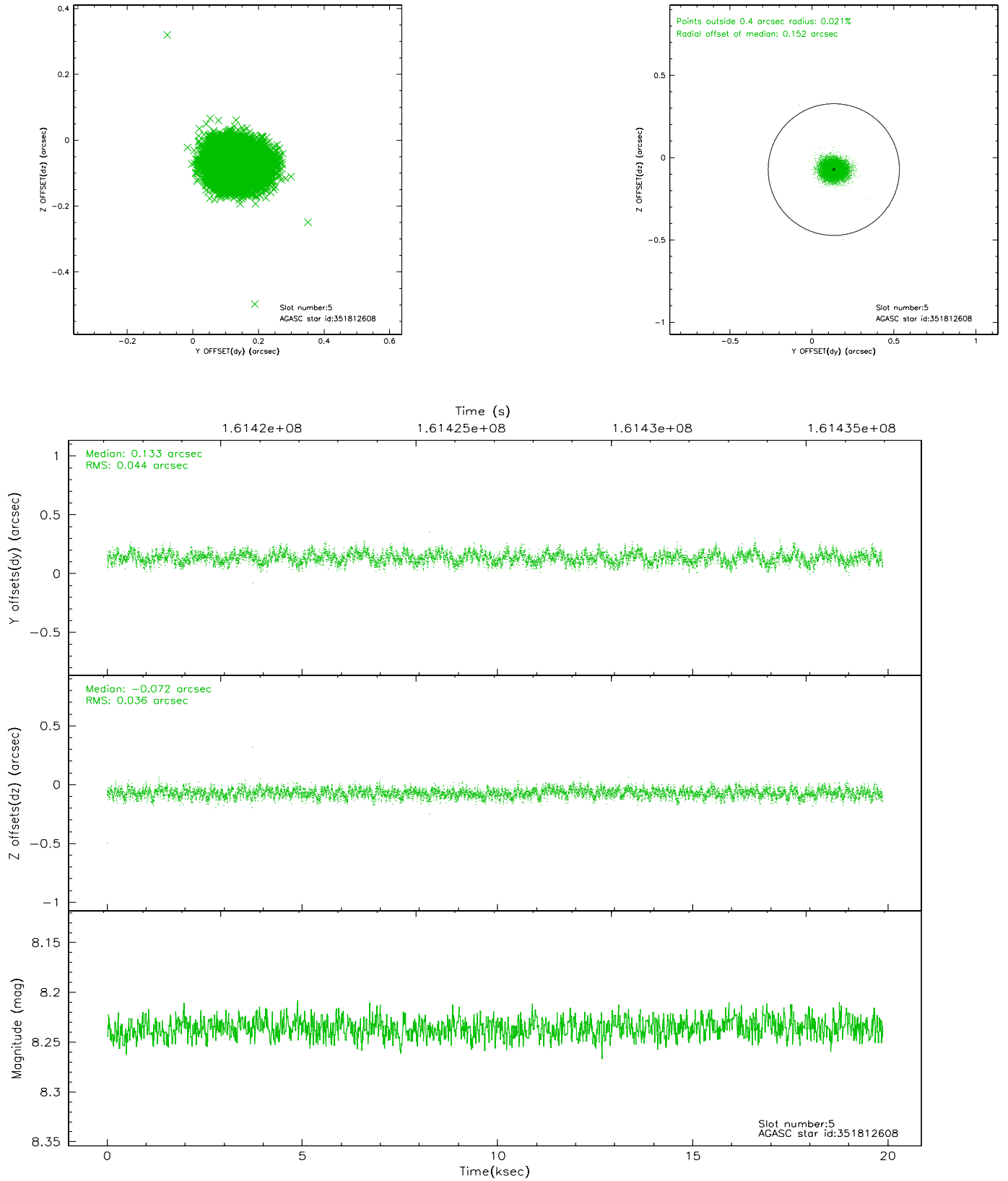
2.4.1 Slot 3



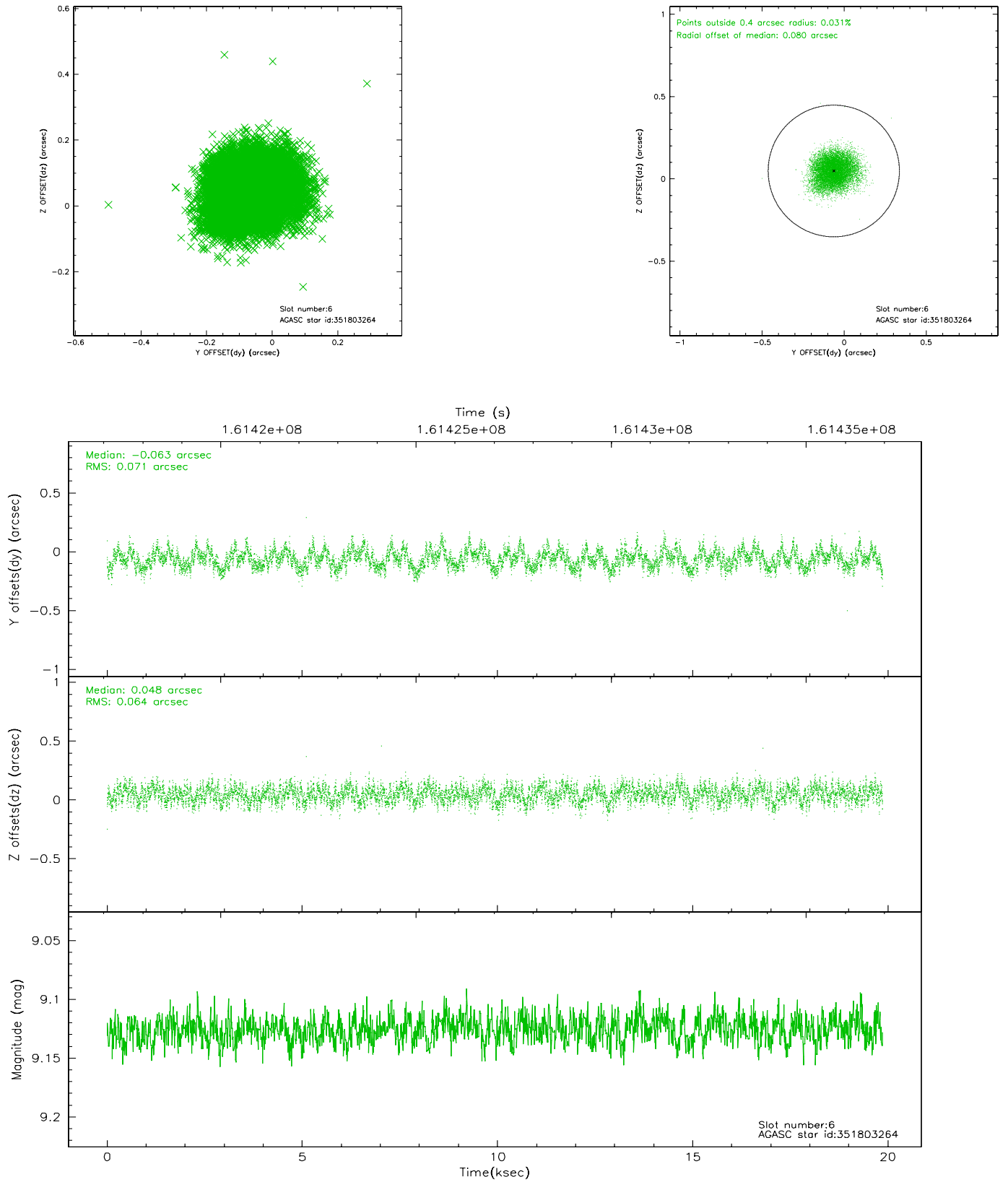
2.4.2 Slot 4



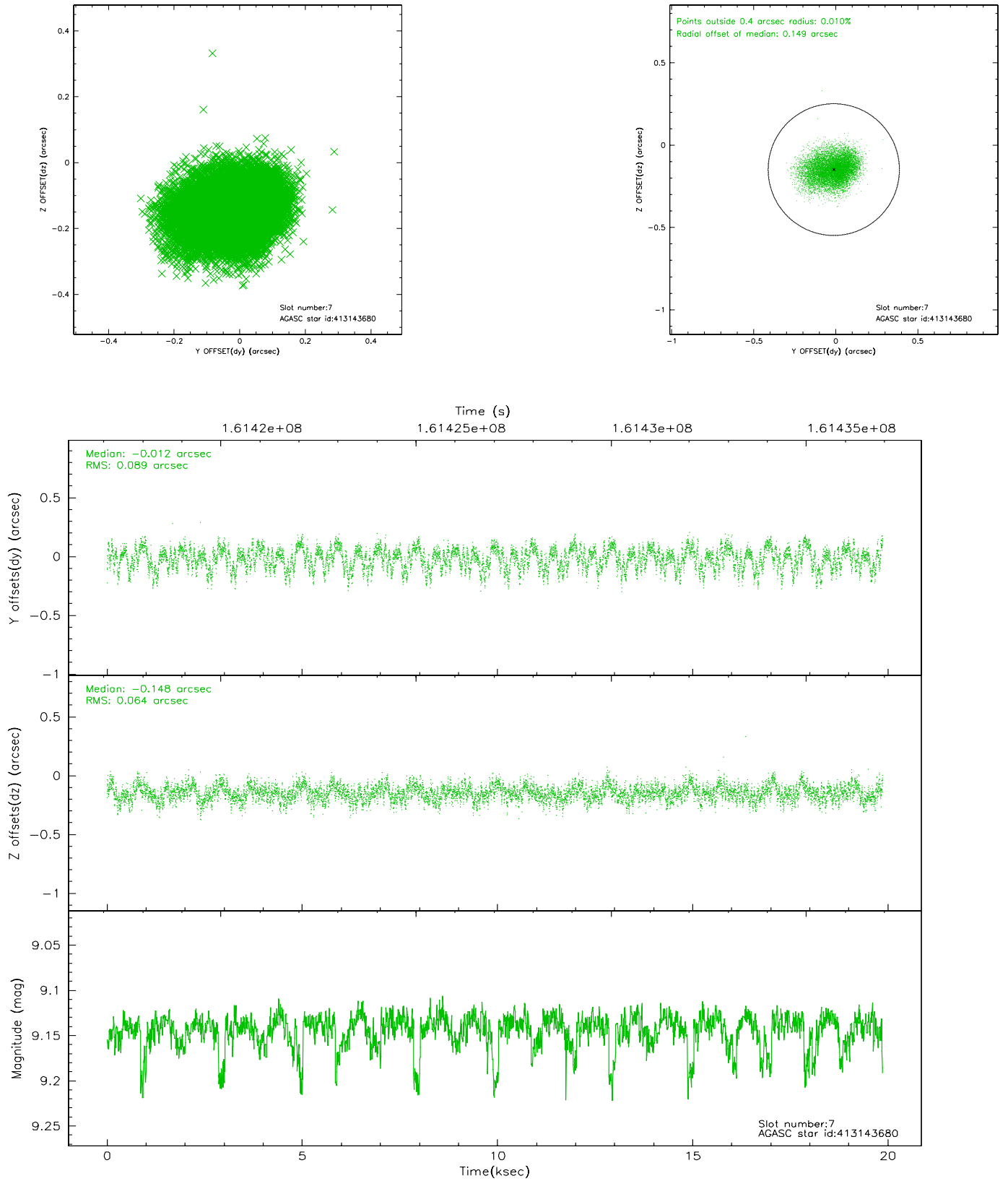
2.4.3 Slot 5



2.4.4 Slot 6

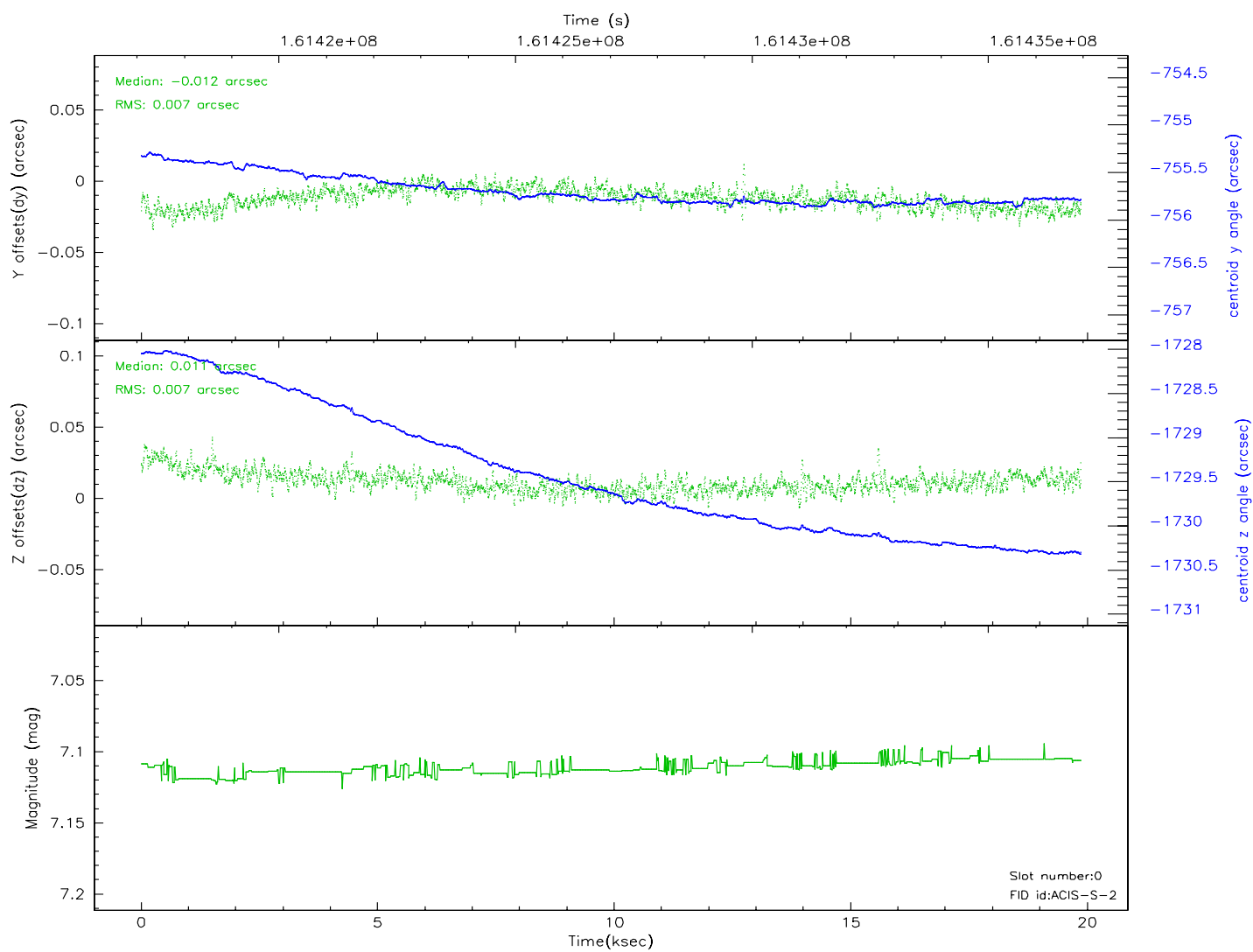
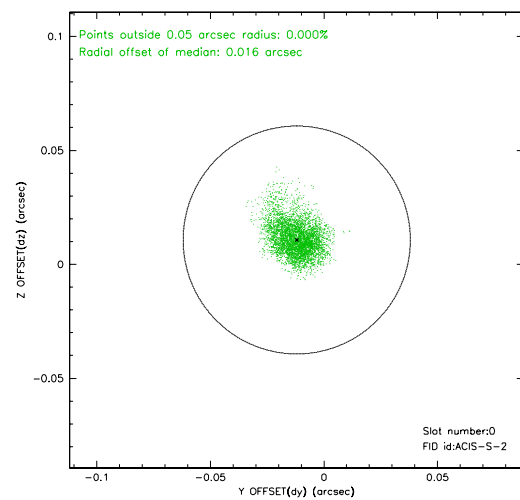
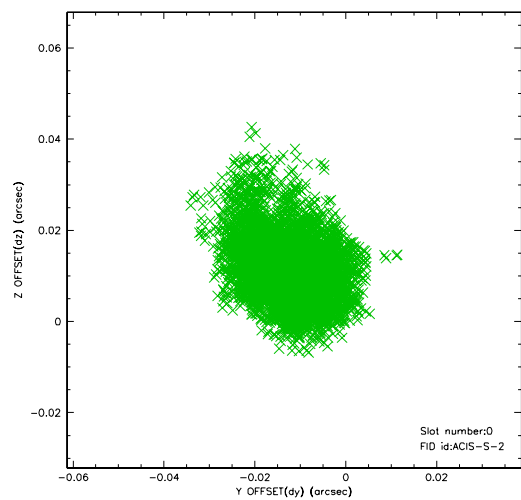


2.4.5 Slot 7

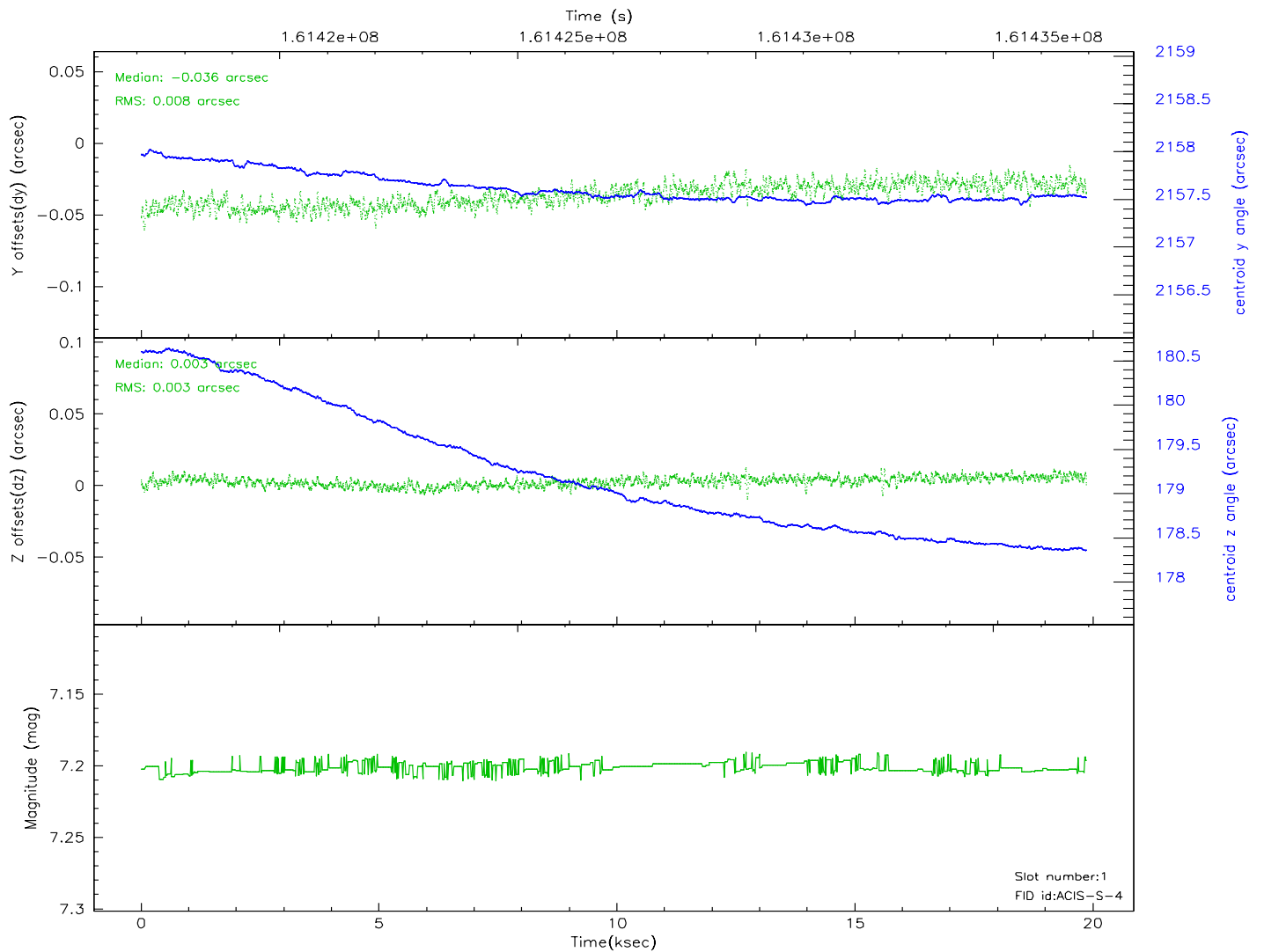
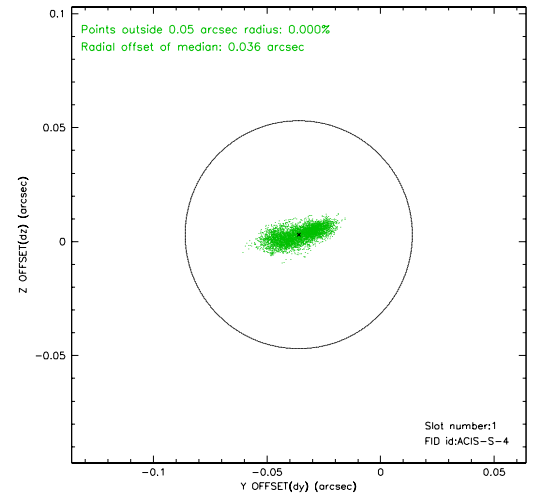
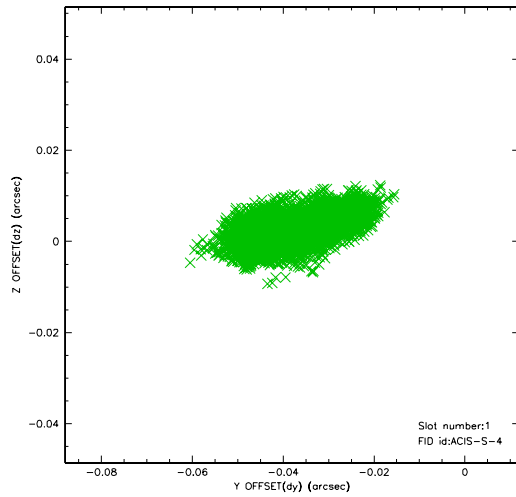


2.5 FID Slots

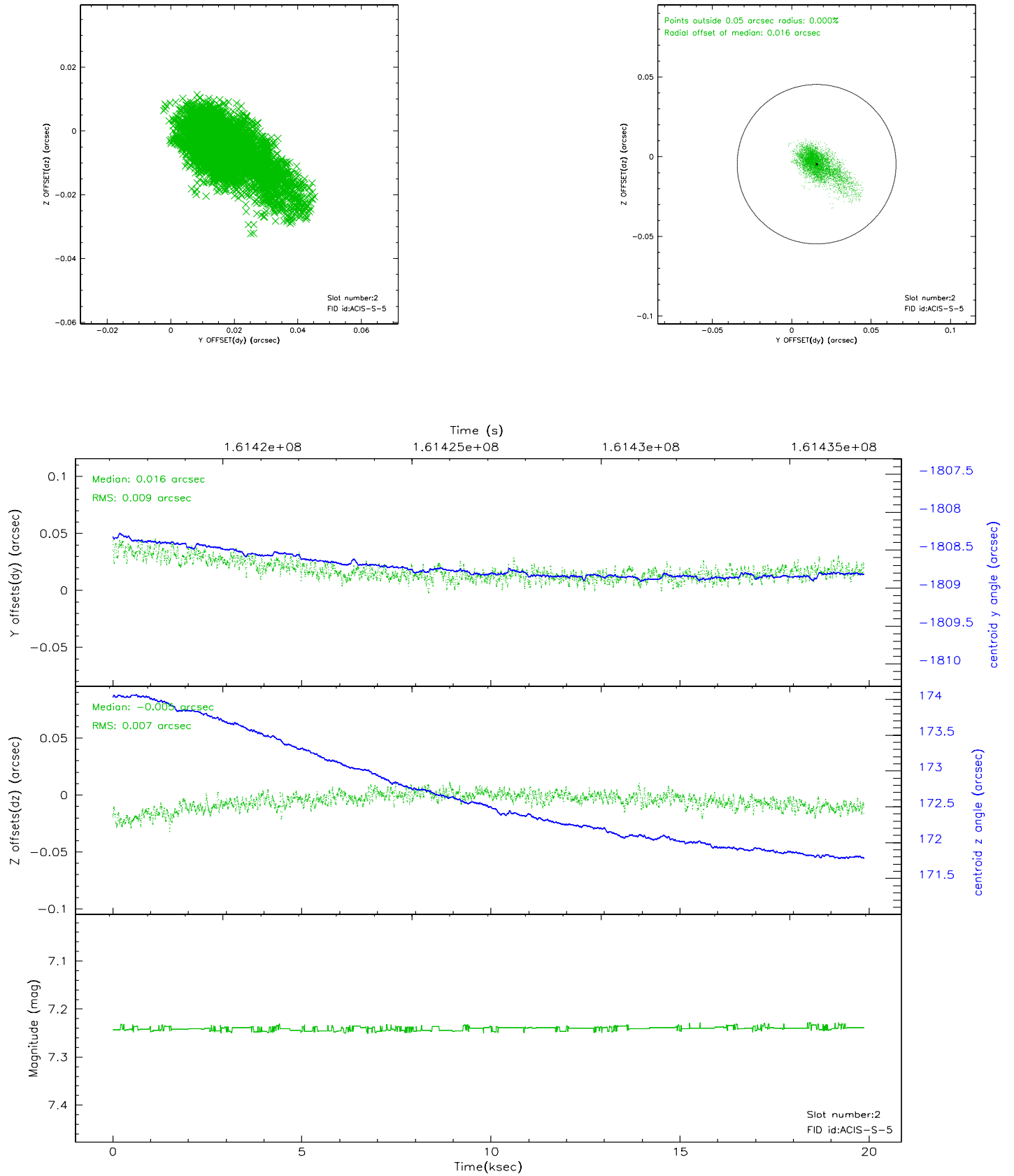
2.5.1 Slot 0



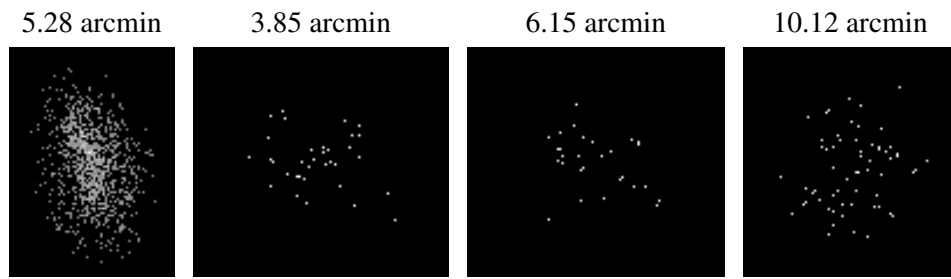
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.868

A.2 Comments