

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3984 - L2 Version 001
Chandra X-Ray Center

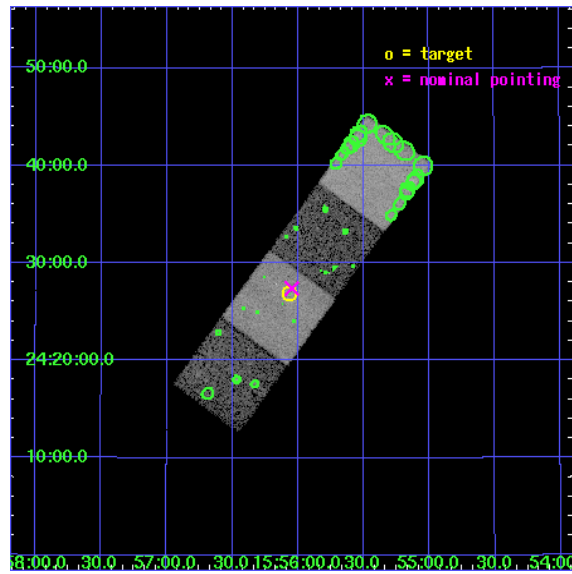
L2 Processing Date : Aug 4 2006

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1 Front

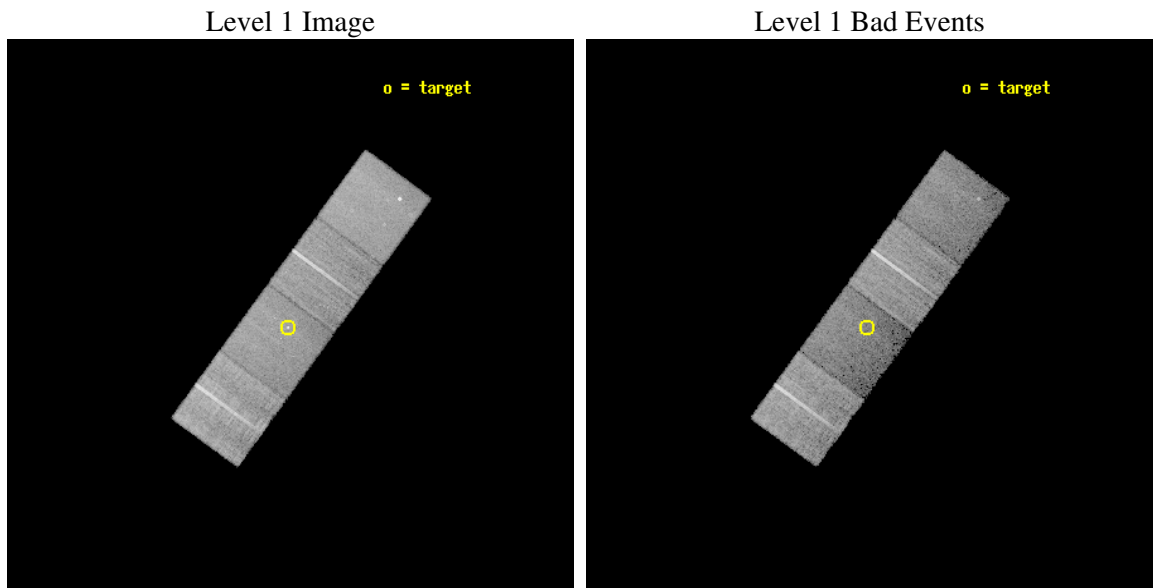
seq_num	700663
obs_id	3984
title	THE X-RAY JETS, CORES, AND GAS IN FRI RADIO GALAXIES
observer	Prof Diana Worrall
object	B2 1553+24
dtcycle	0
cycle	P
ra_targ	239.01625
dec_targ	24.448028
ra_nom	239.01157148204
dec_nom	24.456701424952
roll_nom	126.20943523009
revision	2
ontime	20304.999960959
livetime	20039.700188146
ontime5	20304.999960959
ontime6	20301.858960807
ontime7	20304.999960959
ontime8	20304.999960959
l2events	114069



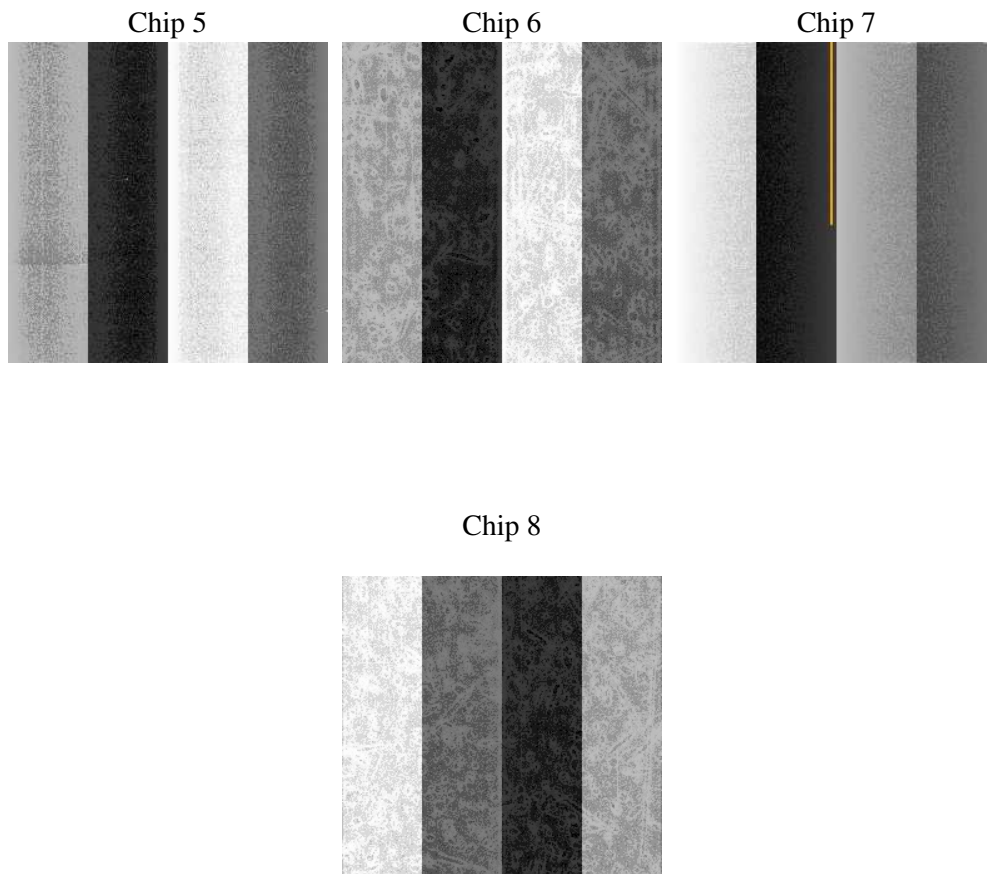
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-04T16:52:34
revision	2

sched_exp_time	20074.000000
ontime	20309.761767954
ontime5	20309.761767954
ontime6	20306.620767802
ontime7	20309.761767954
ontime8	20309.761767954
l1events	426371

2.1.4 Events

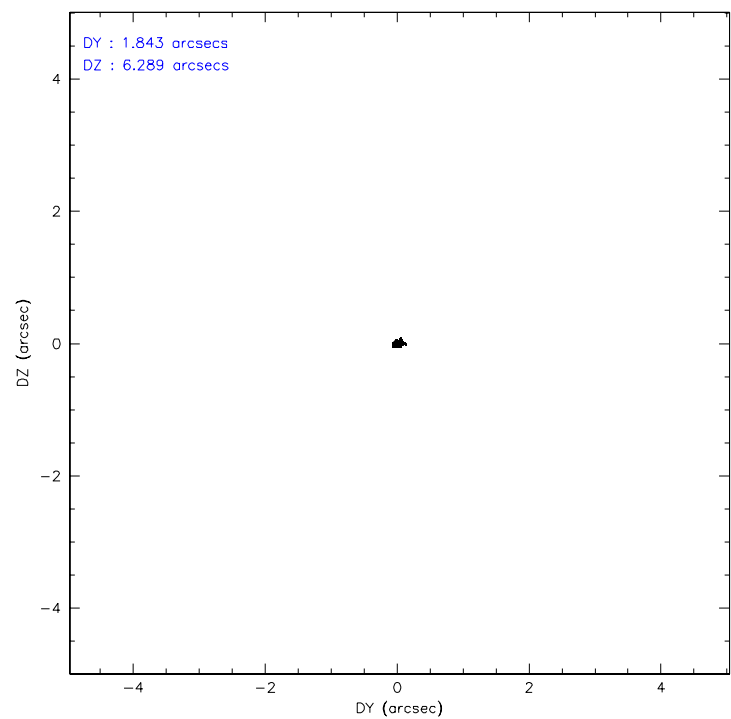
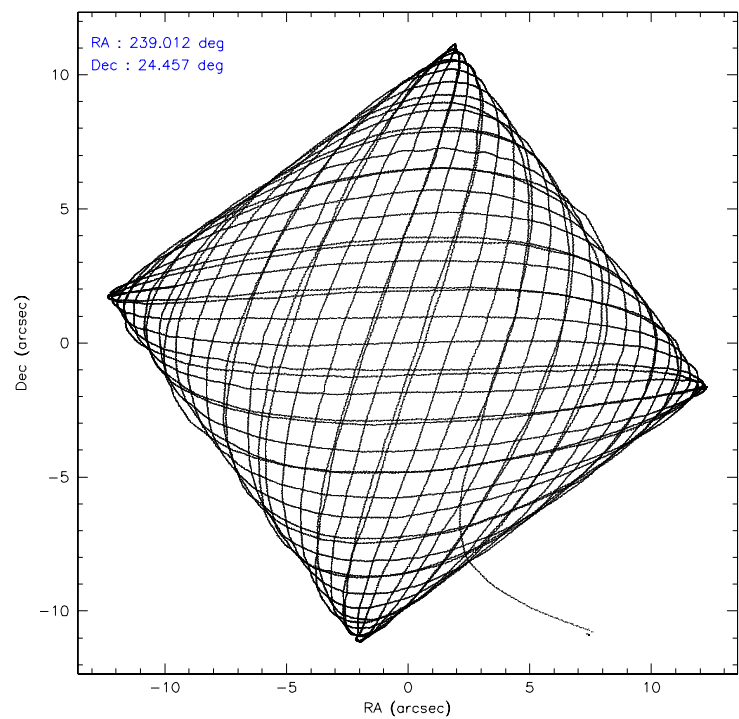
	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	113498	100011	90781	122081
rejected events	56207	89723	48034	94853
rejected %	49%	89%	52%	77%

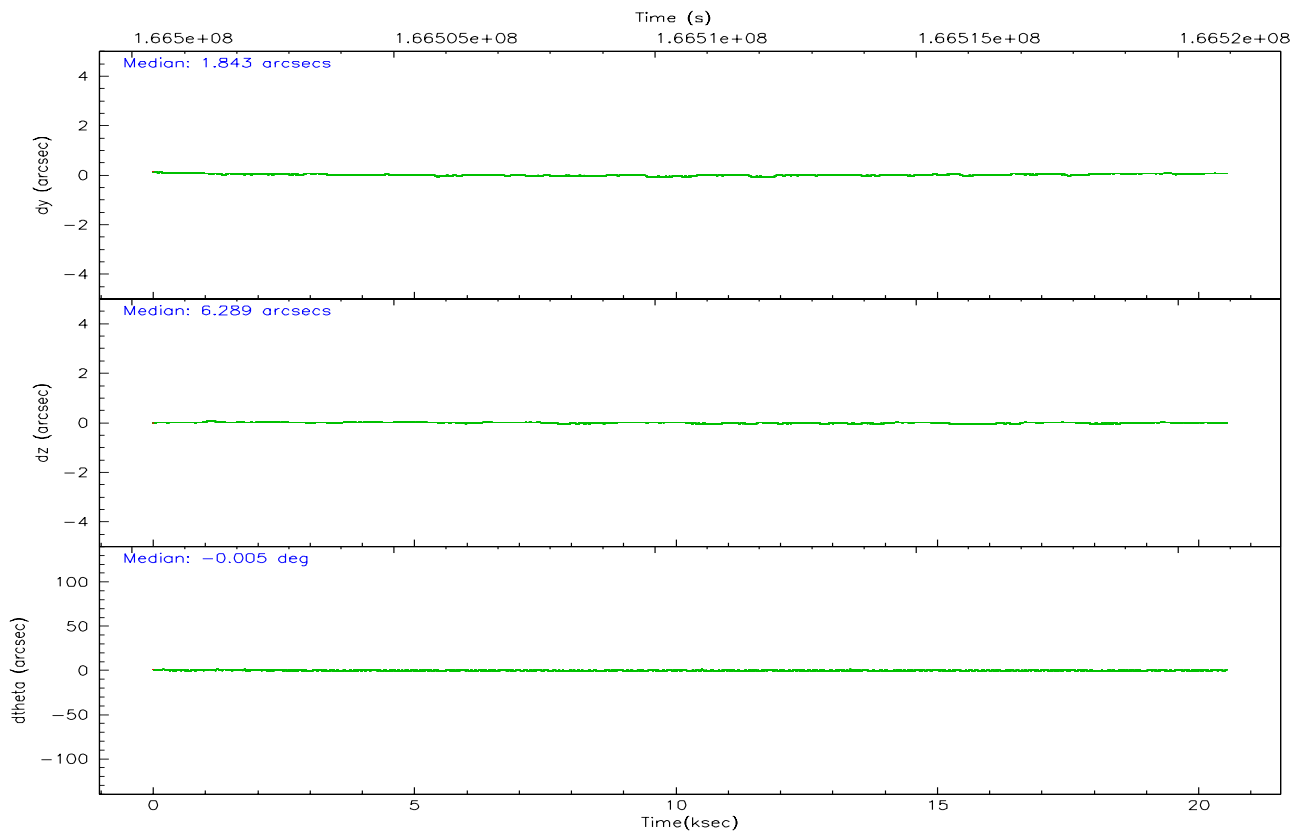
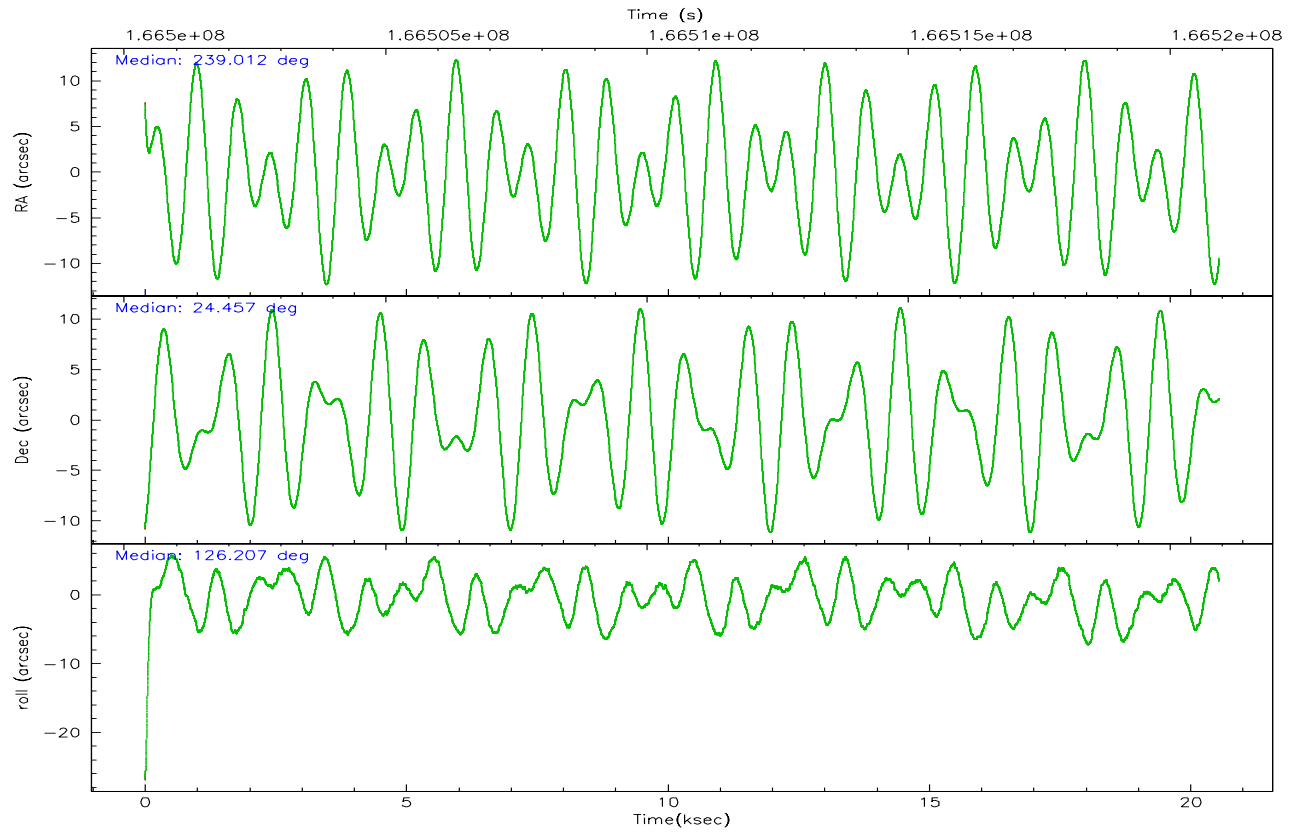
	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3839	3930	3452	7616
	3%	3%	3%	6%
grade 1 events	306	40	63	77
	0%	0%	0%	0%
grade 2 events	18051	2113	10927	6160
	15%	2%	12%	5%
grade 3 events	1728	1175	2866	3067
	1%	1%	3%	2%
grade 4 events	1704	1146	2747	2910
	1%	1%	3%	2%
grade 5 events	6342	3311	7232	4764
	5%	3%	7%	3%
grade 6 events	31975	1927	22765	7478
	28%	1%	25%	6%
grade 7 events	49553	86369	40729	90009
	43%	86%	44%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-5678	ACIS-5678	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	239.039108	239.0115714820448	Alternating exposures requested	N	N
Pointing Dec	24.446062	24.45670142495172	Primary exposure time	0.000000	3.1
Pointing Roll	126.041415	126.209435230094			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	166500871.184000	166499767.97175			
Observation start date	2003-04-12T02:13:27	2003-04-12T01:56:07			
Observation end time	166520945.184000	166521475.42267			
Observation end date	2003-04-12T07:48:01	2003-04-12T07:57:55			
Read mode	TIMED	TIMED			

2.3 Aspect



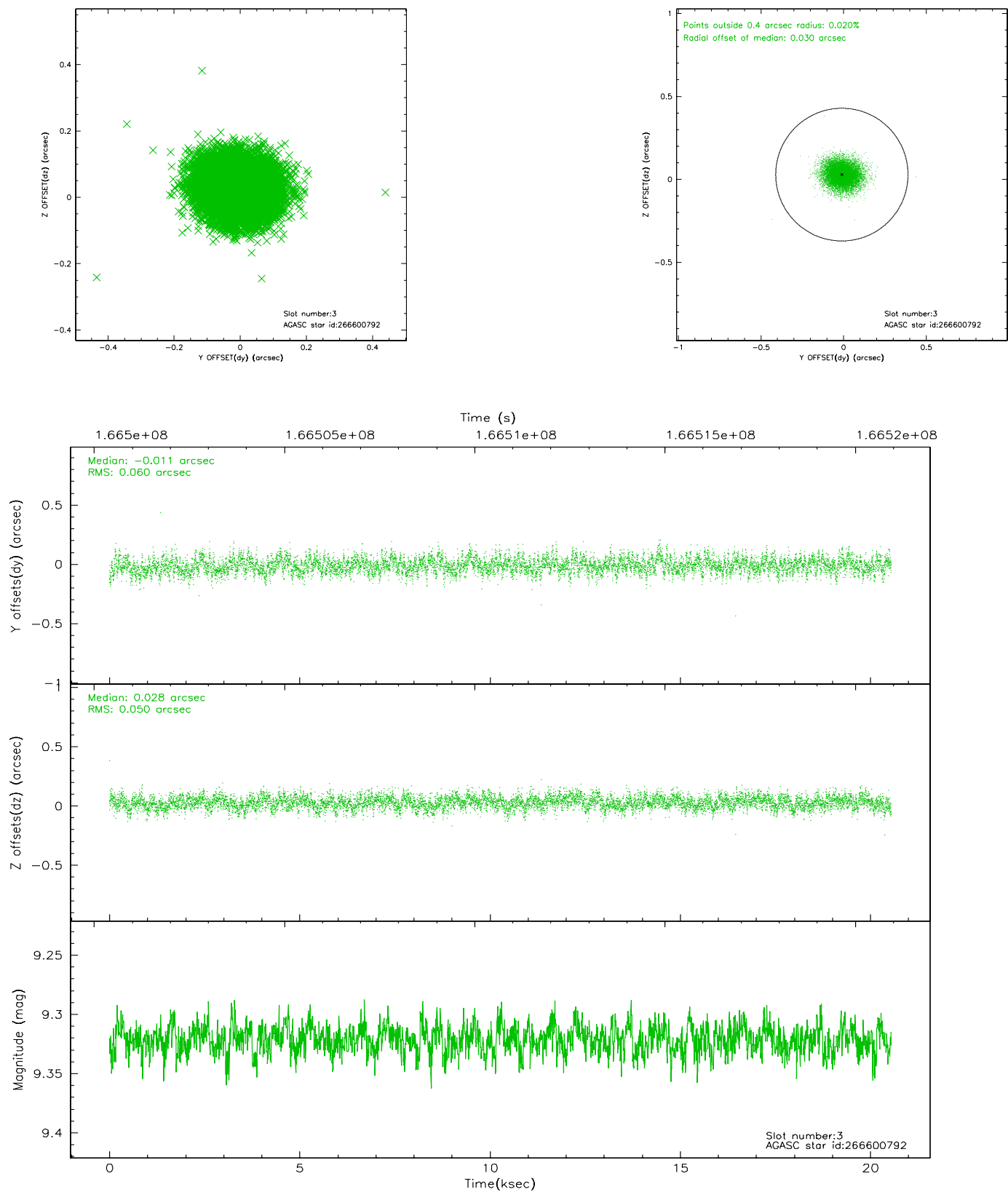


Slot Statistics

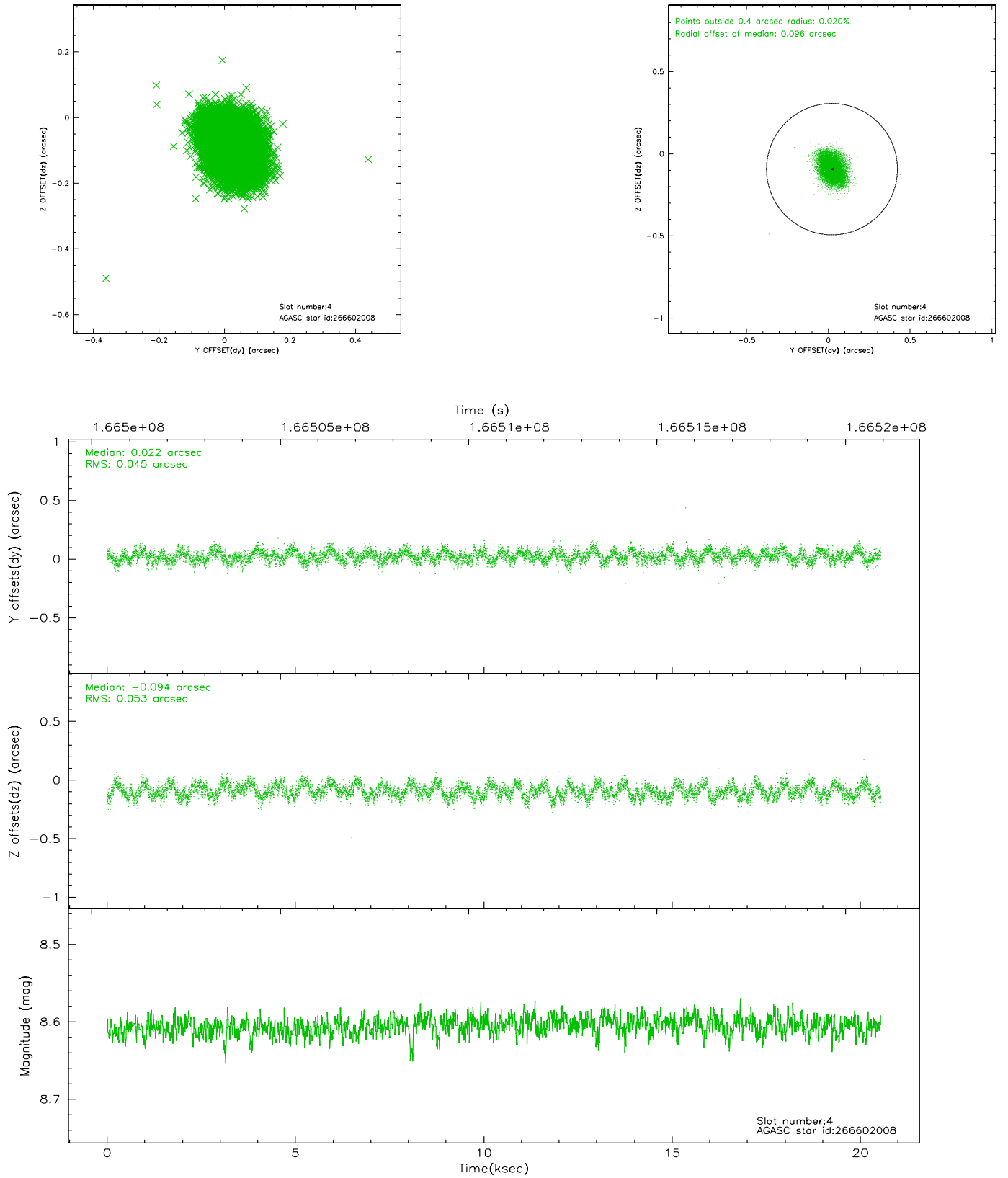
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	5012	-0.052	0.011	0.007	0.020	0.000000	0.000000	-754.47	-1727.39
1	FID	ACIS-S-4	7.21	5012	-0.012	0.022	0.006	0.032	0.000000	0.000000	2158.72	180.99
2	FID	ACIS-S-5	7.24	5012	0.034	-0.025	0.007	0.019	0.000000	0.000000	-1807.04	174.72
3	GUIDE	266600792	9.32	10017	-0.011	0.028	0.083	0.135	238.556202	24.850800	2108.78	416.95
4	GUIDE	266602008	8.61	10019	0.022	-0.094	0.075	0.119	238.738950	24.602369	1034.46	462.91
5	GUIDE	267002712	8.55	10020	-0.012	0.135	0.080	0.125	239.103225	25.176015	2002.61	-1714.62
6	GUIDE	266608936	8.81	10019	0.048	-0.131	0.074	0.120	239.101067	24.347913	-404.71	43.43
7	GUIDE	266609352	7.78	10019	-0.049	0.059	0.065	0.101	239.998660	24.289127	-2300.37	-2219.83

2.4 Star Slots

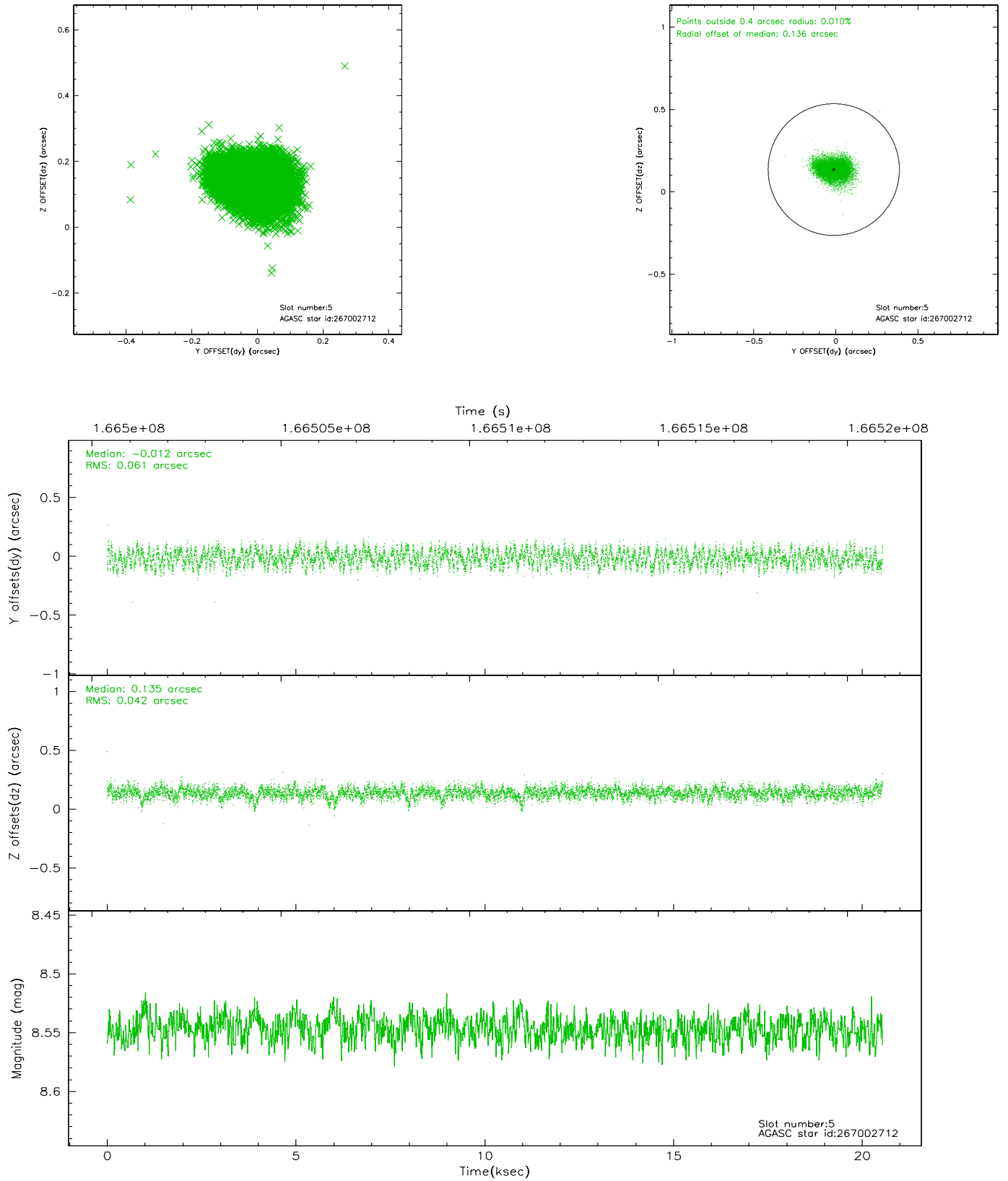
2.4.1 Slot 3



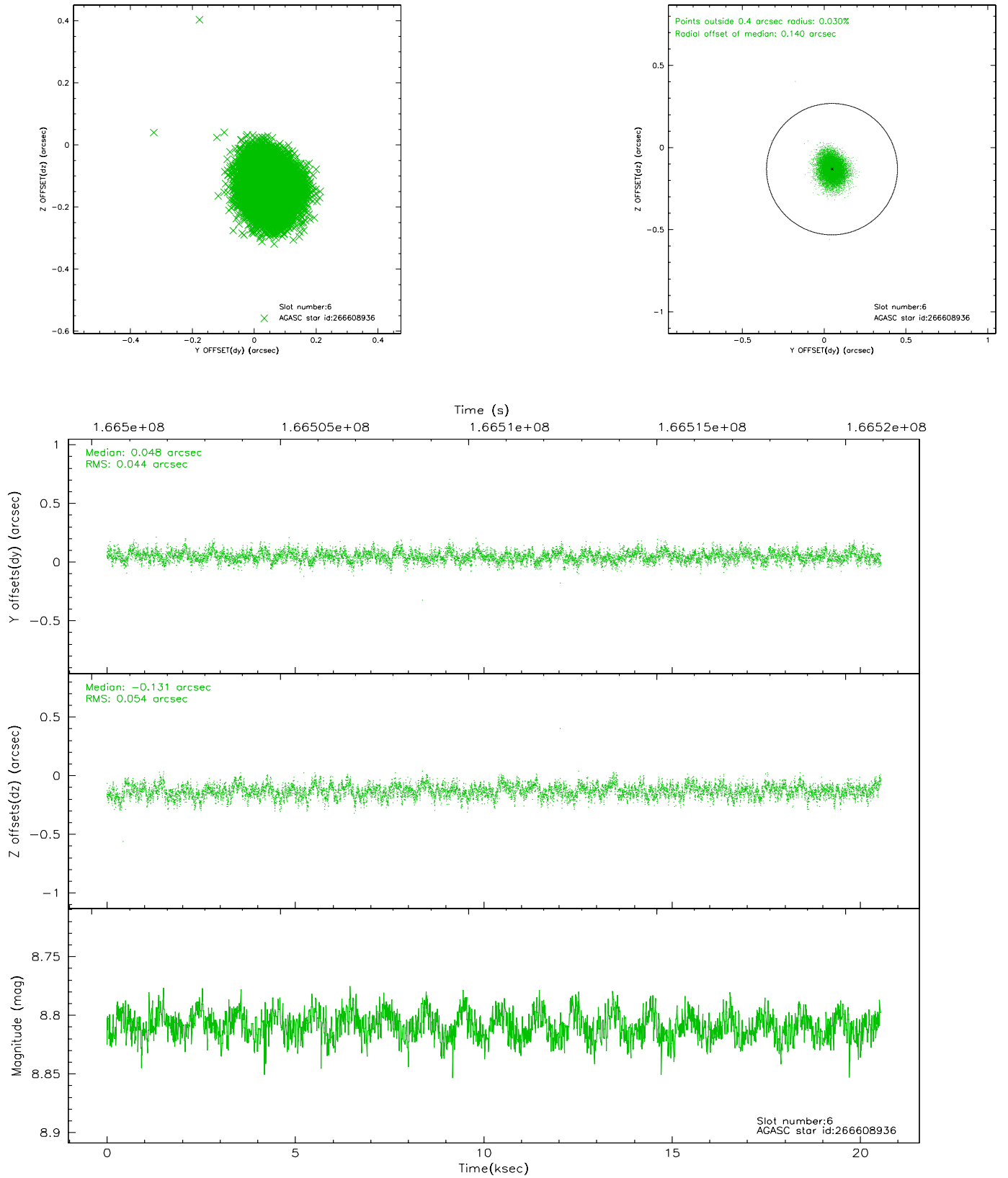
2.4.2 Slot 4



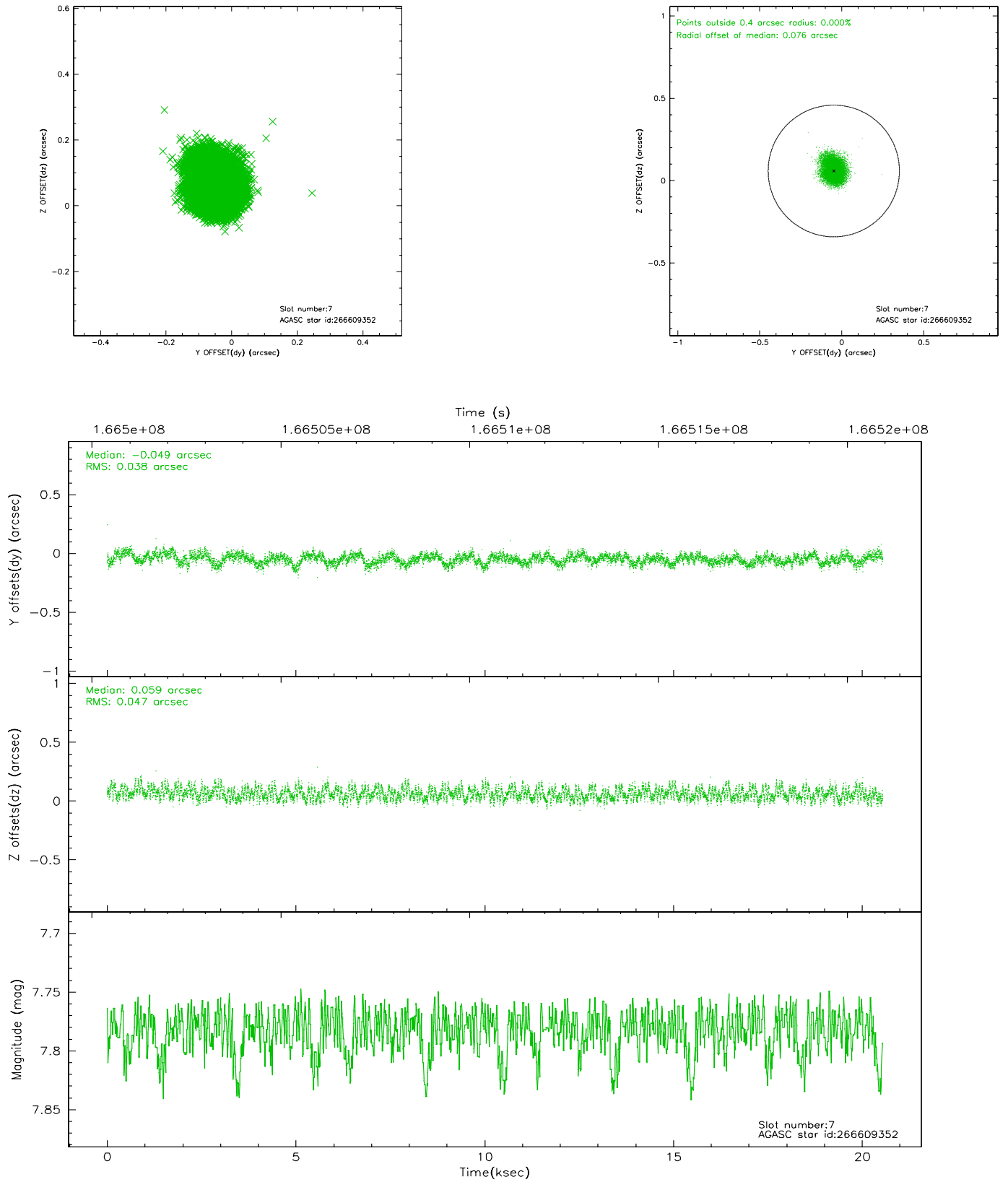
2.4.3 Slot 5



2.4.4 Slot 6

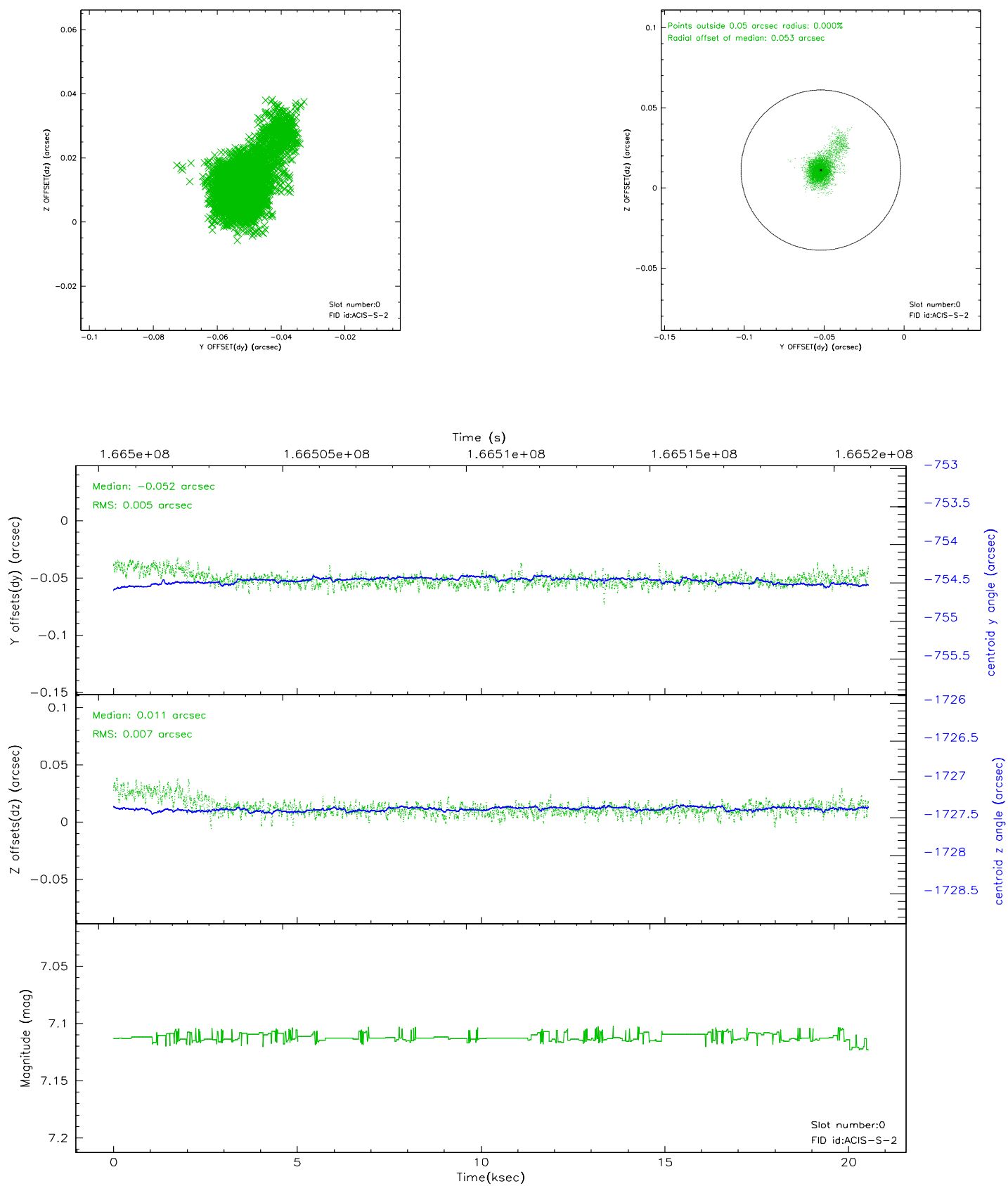


2.4.5 Slot 7

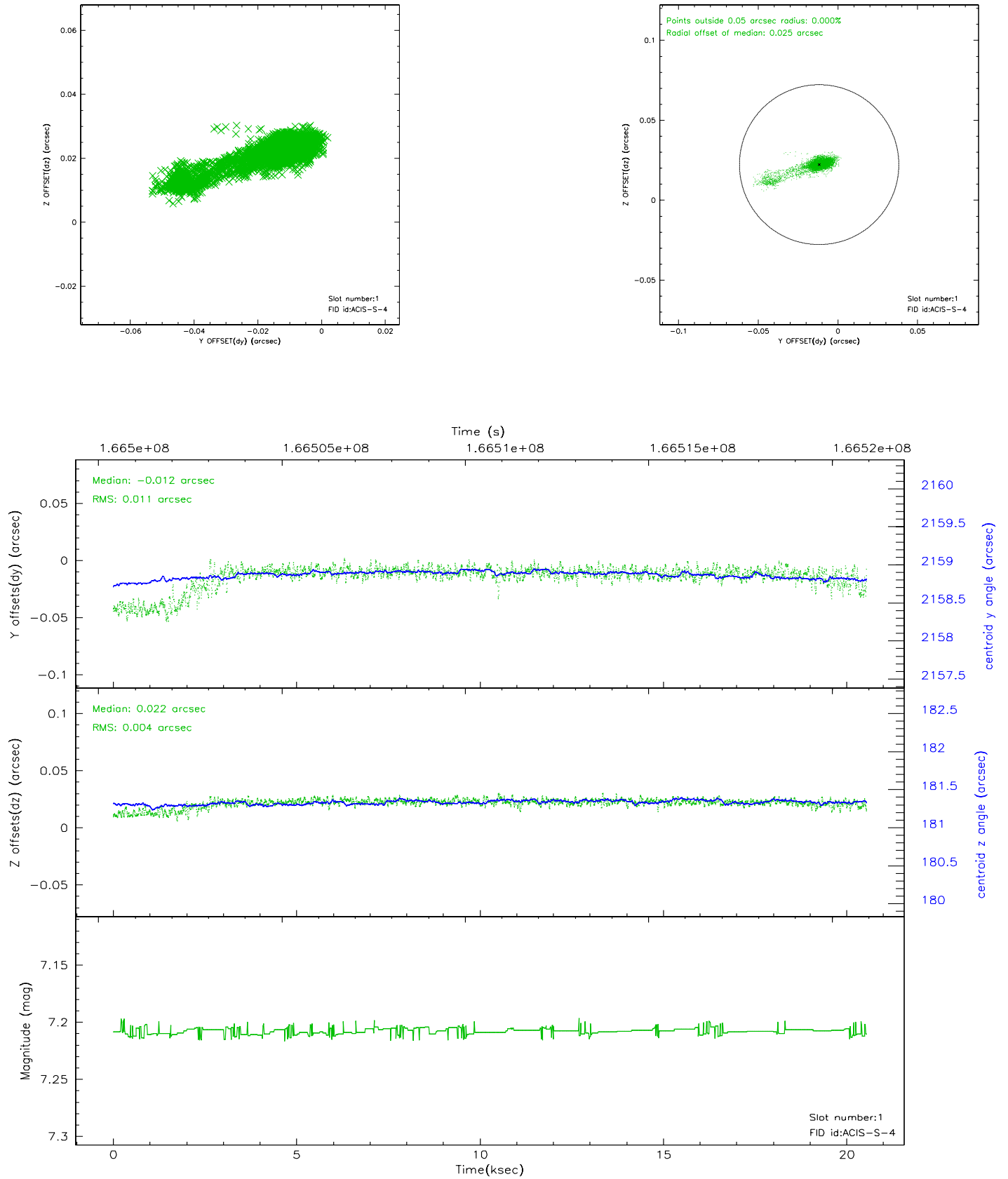


2.5 FID Slots

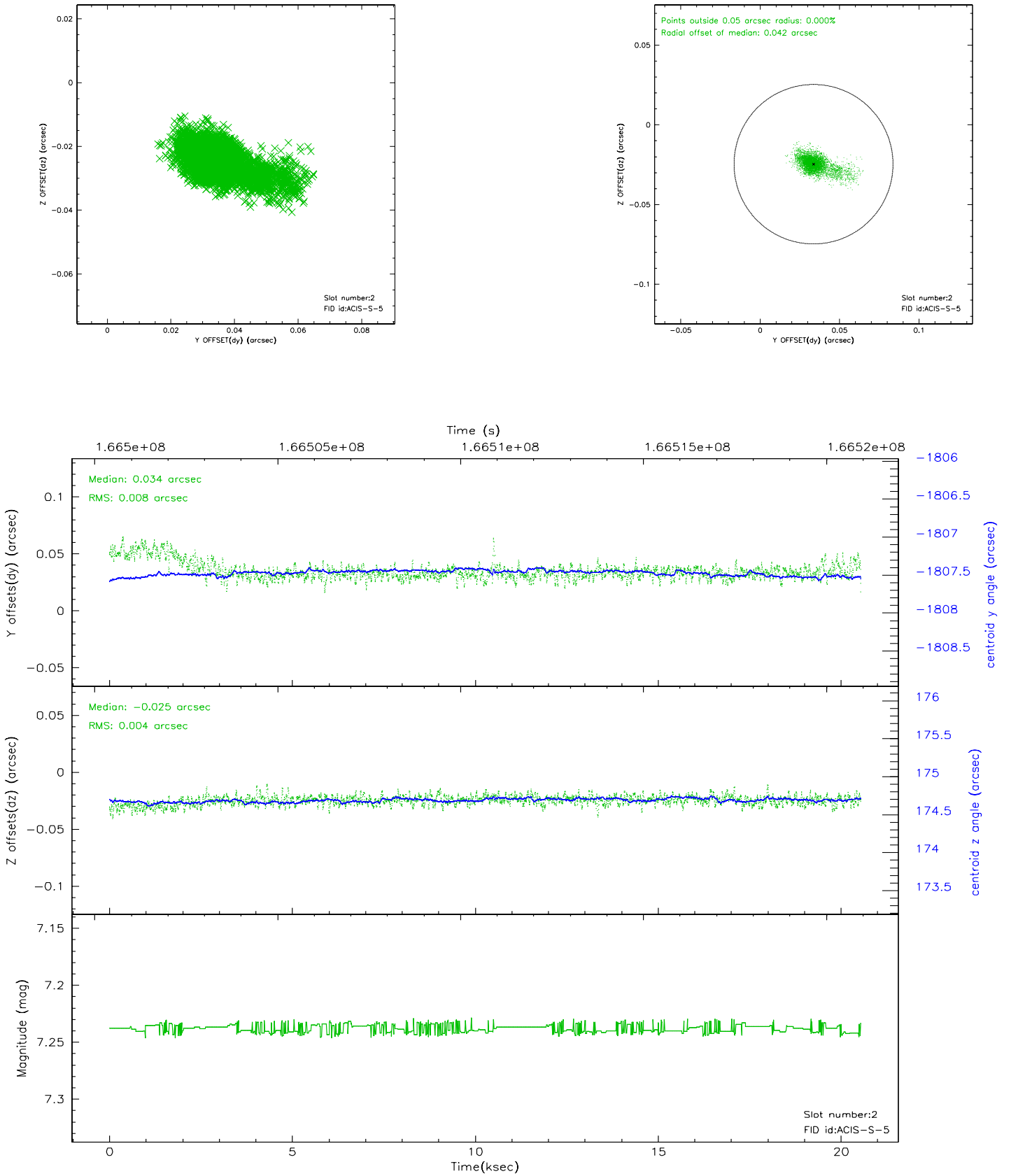
2.5.1 Slot 0



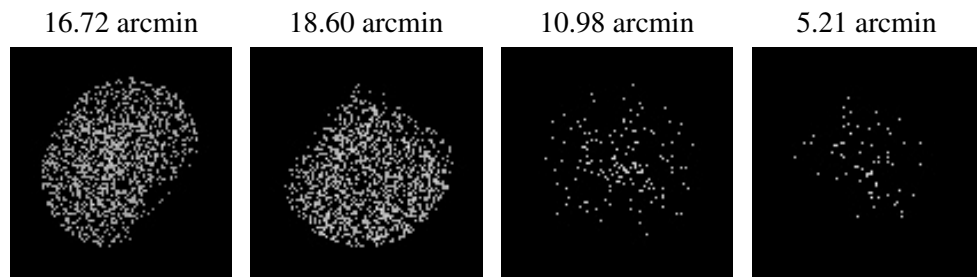
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.308

A.2 Comments