

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 430 - L2 Version 001
Chandra X-Ray Center

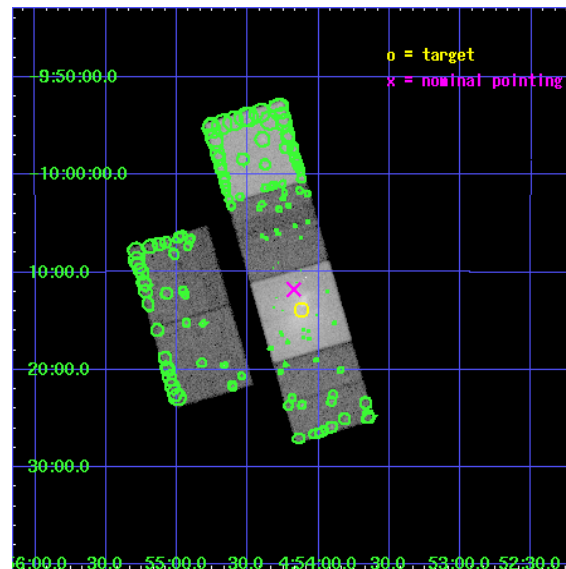
L2 Processing Date : Jun 12 2007

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1 Front

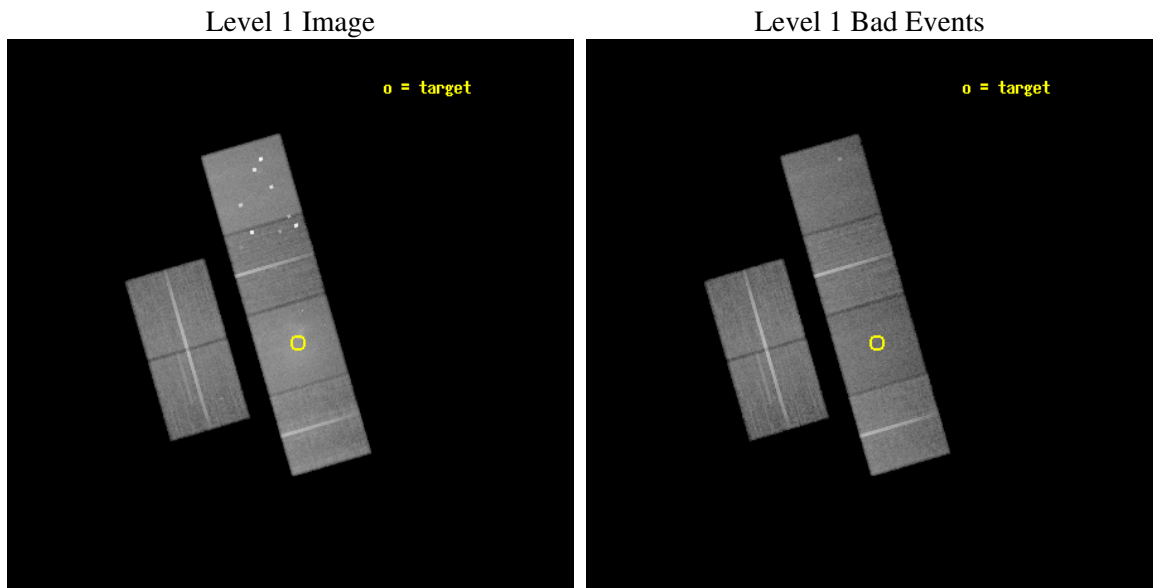
seq_num	800111
obs_id	430
title	A521, A CLUSTER FORMING AT THE CROSSING OF TWO FILAMENTS?
observer	DR MONIQUE ARNAUD
object	A521
dtcycle	0
cycle	P
ra_targ	73.53125
dec_targ	-10.231944
ra_nom	73.543718426705
dec_nom	-10.196396394264
roll_nom	73.800309514497
revision	2
ontime	39612.800036892
livetime	39111.198910861
ontime2	39609.559076652
ontime3	39603.077106237
ontime5	39612.800036892
ontime6	39612.800036892
ontime7	39612.800036892
ontime8	39609.549010038
l2events	440566



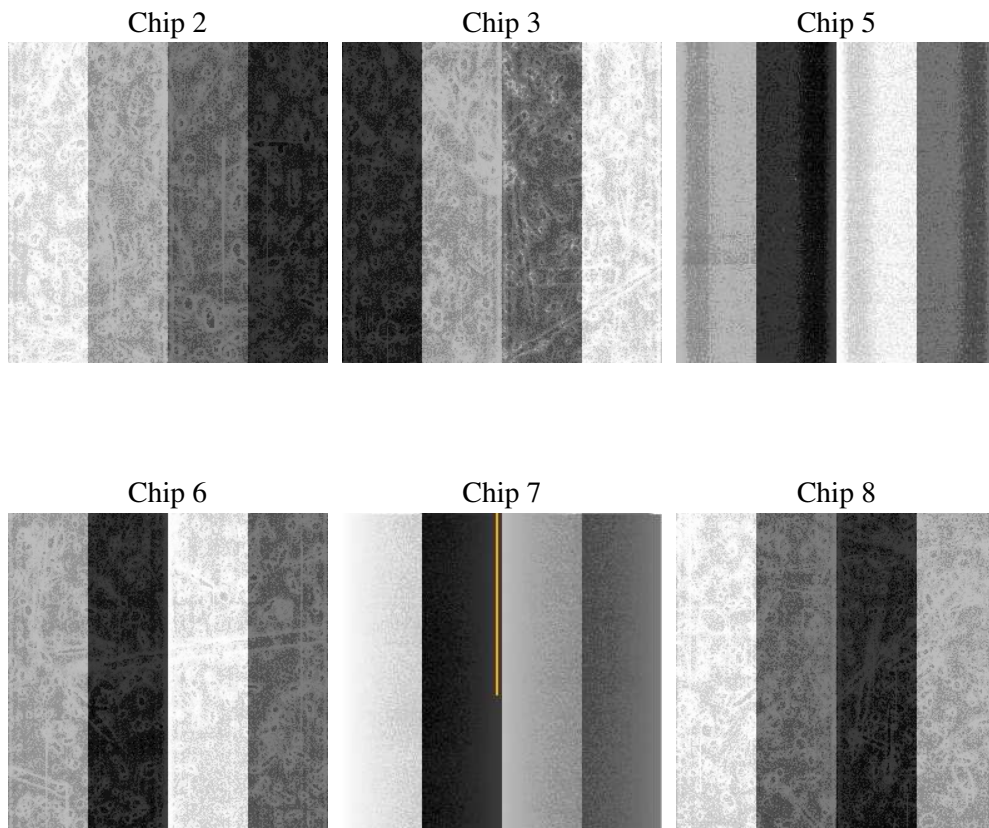
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-12T08:29:54
revision	2

sched_exp_time	39634.507000
ontime	39612.800036892
ontime2	39609.559076652
ontime3	39603.077106237
ontime5	39612.800036892
ontime6	39612.800036892
ontime7	39612.800036892
ontime8	39609.549010038
l1events	1806653

2.1.4 Events

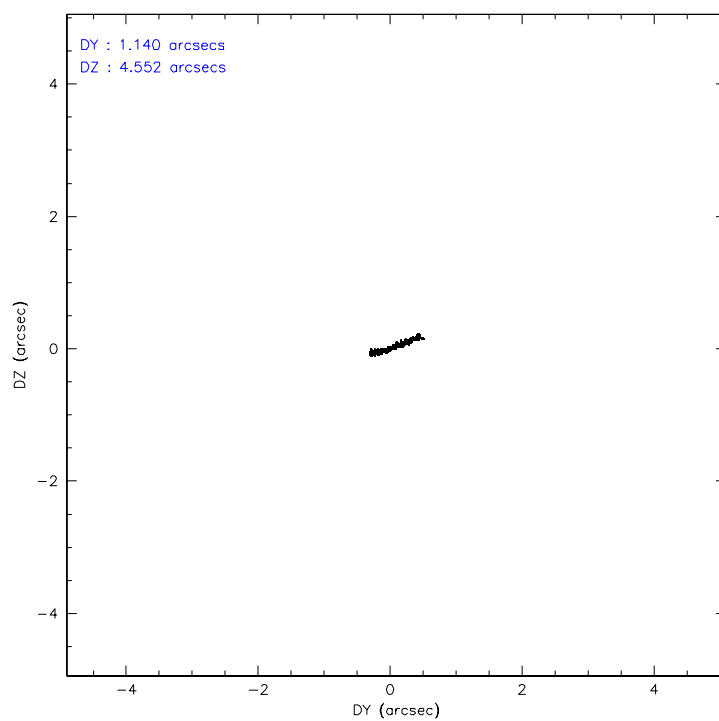
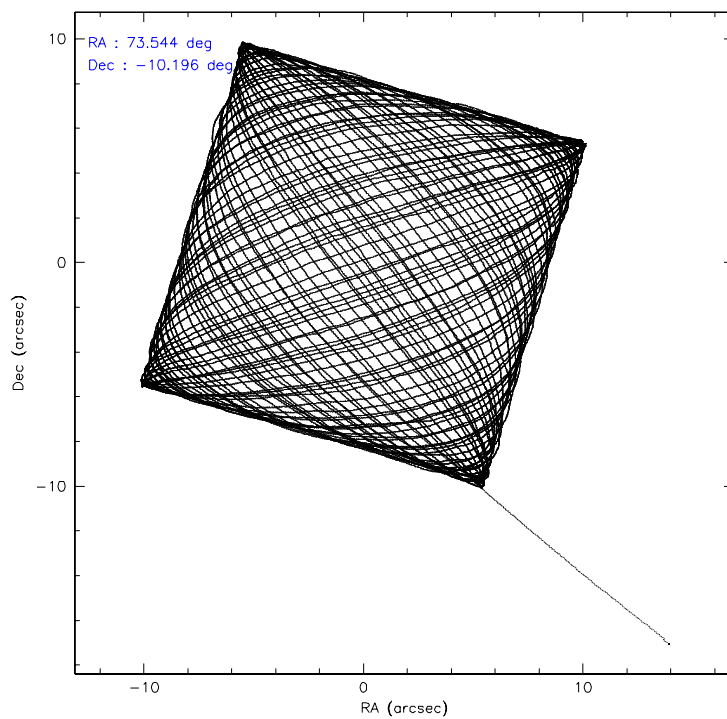
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	256386	245567	360345	276962	350857	316536
rejected events	225103	214464	178089	218208	174641	244352
rejected %	87%	87%	49%	78%	49%	77%

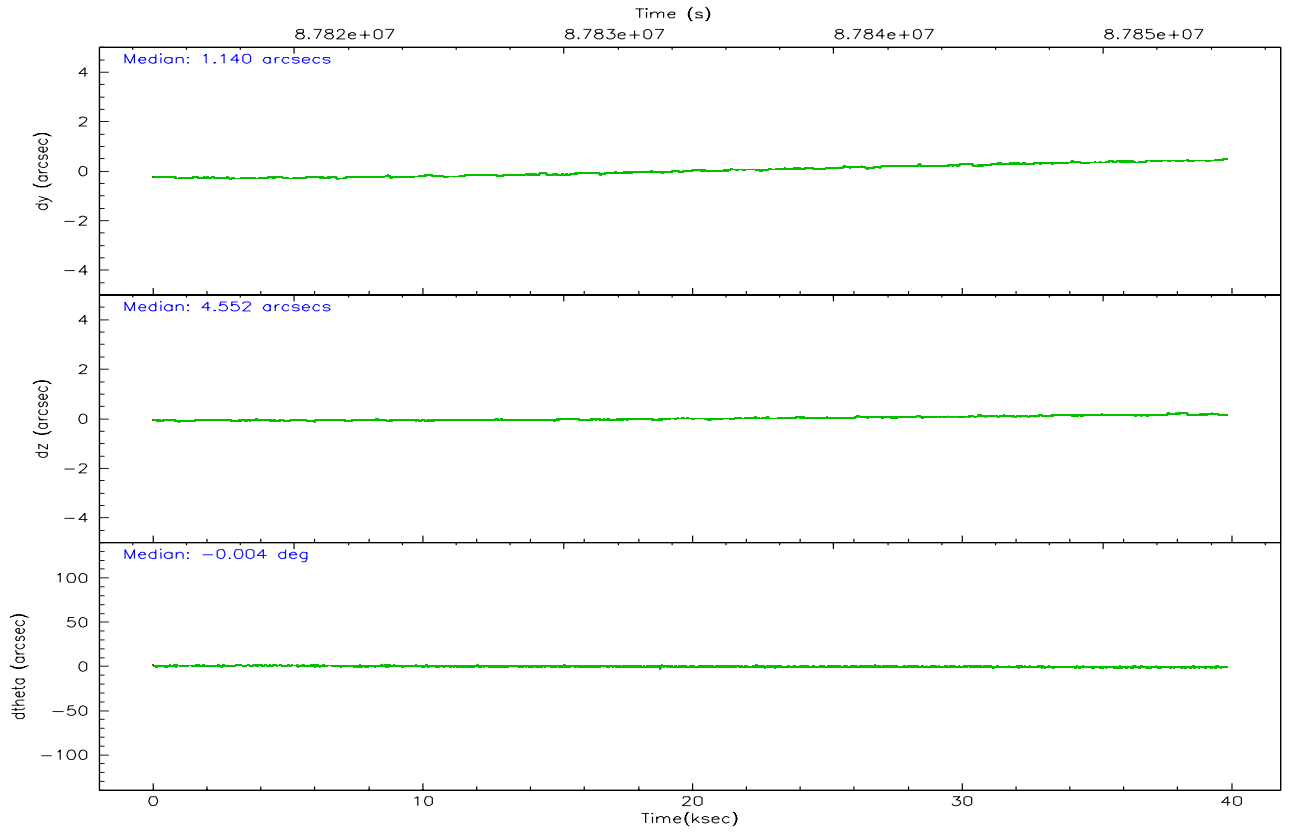
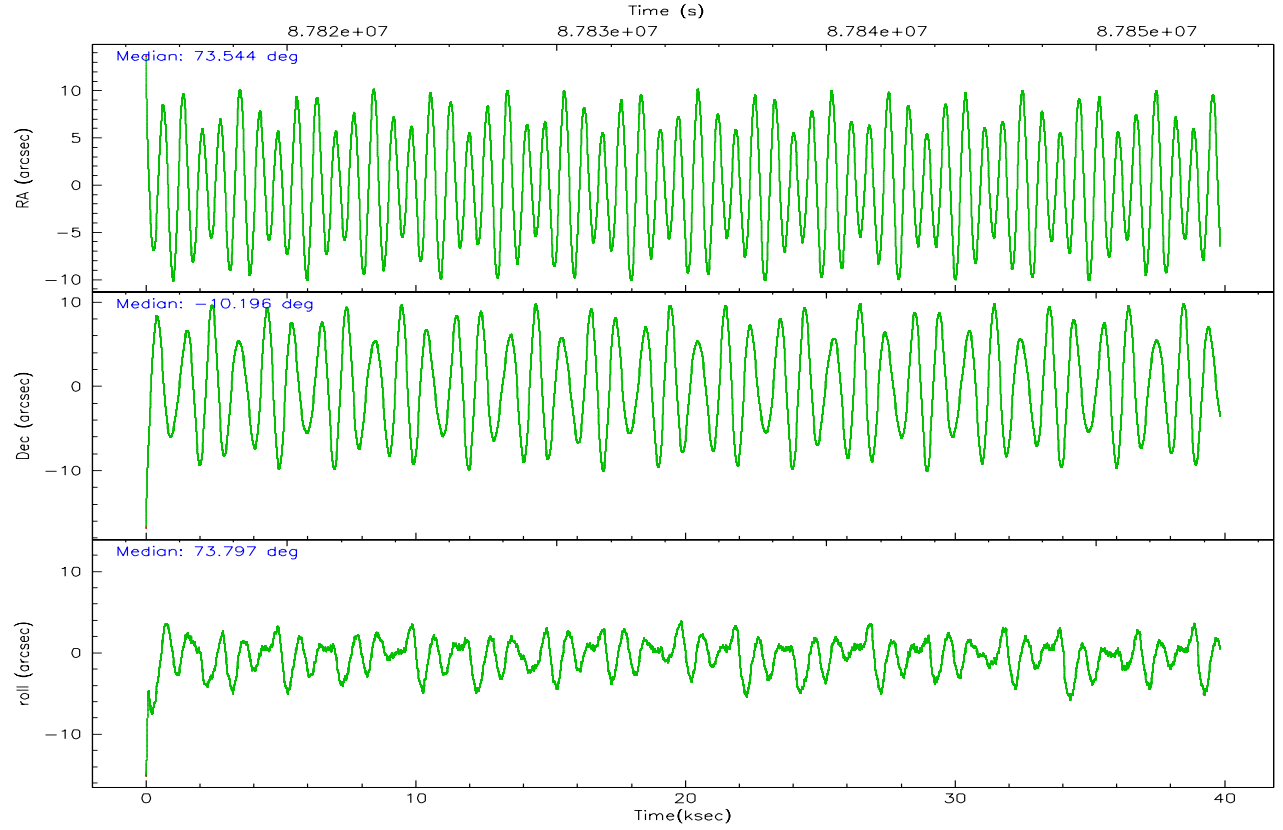
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	13945	13844	32039	39858	27511	26234
	5%	5%	8%	14%	7%	8%
grade 1 events	130	126	907	259	271	196
	0%	0%	0%	0%	0%	0%
grade 2 events	6682	6824	55564	7188	36991	14810
	2%	2%	15%	2%	10%	4%
grade 3 events	2627	2581	7582	2942	17207	7966
	1%	1%	2%	1%	4%	2%
grade 4 events	2757	2662	7302	2831	16629	7274
	1%	1%	2%	1%	4%	2%
grade 5 events	8041	8617	25019	9838	29046	12657
	3%	3%	6%	3%	8%	3%
grade 6 events	5273	5193	79779	5940	77890	15903
	2%	2%	22%	2%	22%	5%
grade 7 events	216931	205720	152153	208106	145312	231496
	84%	83%	42%	75%	41%	73%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	73.550533	73.54371842670524	Subarray requested	NONE	NONE
Pointing Dec	-10.222922	-10.19639639426428	Alternating exposures requested	N	N
Pointing Roll	73.644890	73.80030951449662	Primary exposure time	3.200000	3.2
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	87814958.184000	87813985.46440101			
Observation start date	2000-10-13T09:01:34	2000-10-13T08:46:25			
Observation end time	87854593.184000	87855442.61596701			
Observation end date	2000-10-13T20:02:09	2000-10-13T20:17:22			
Read mode	TIMED	TIMED			

2.3 Aspect



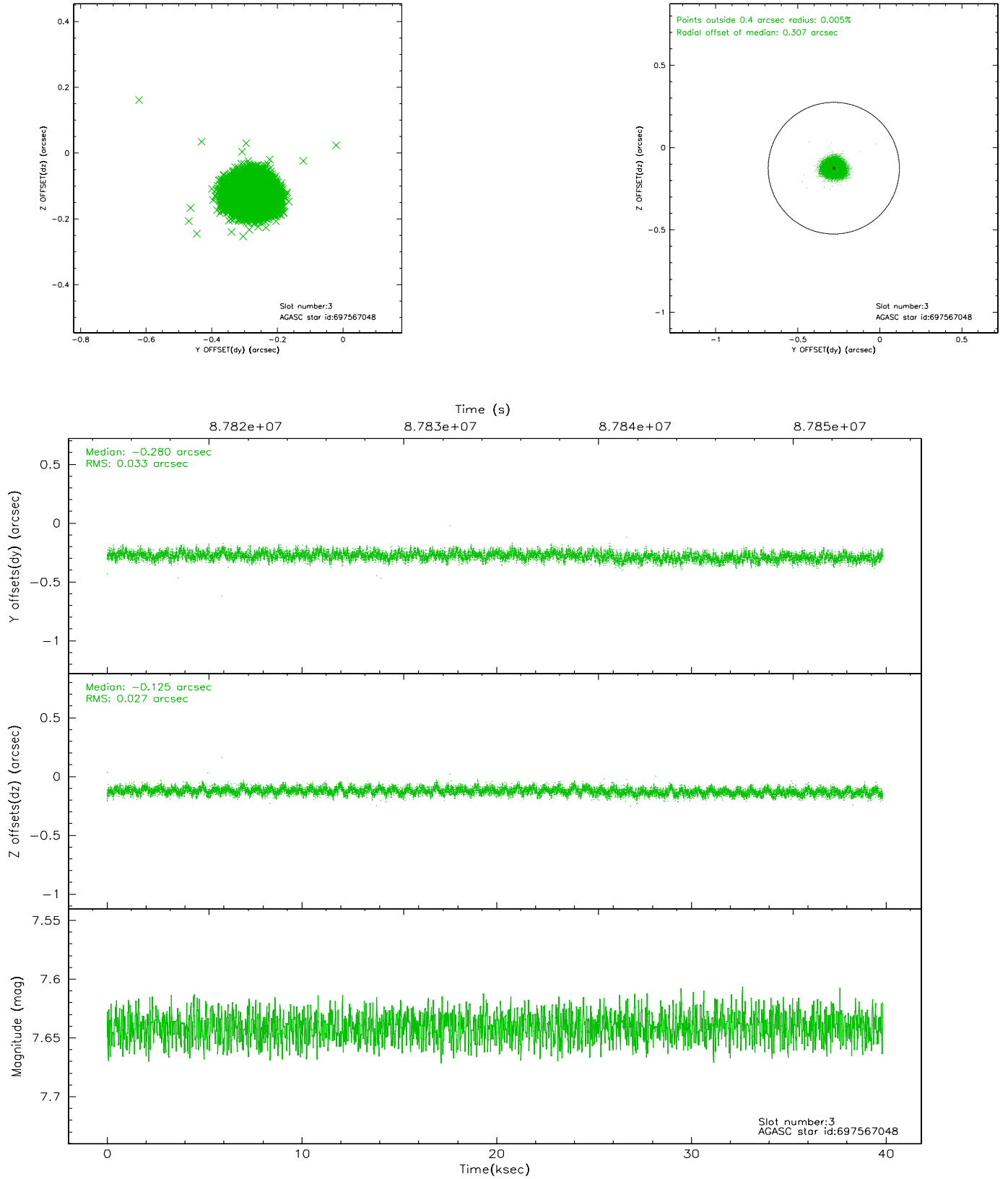


Slot Statistics

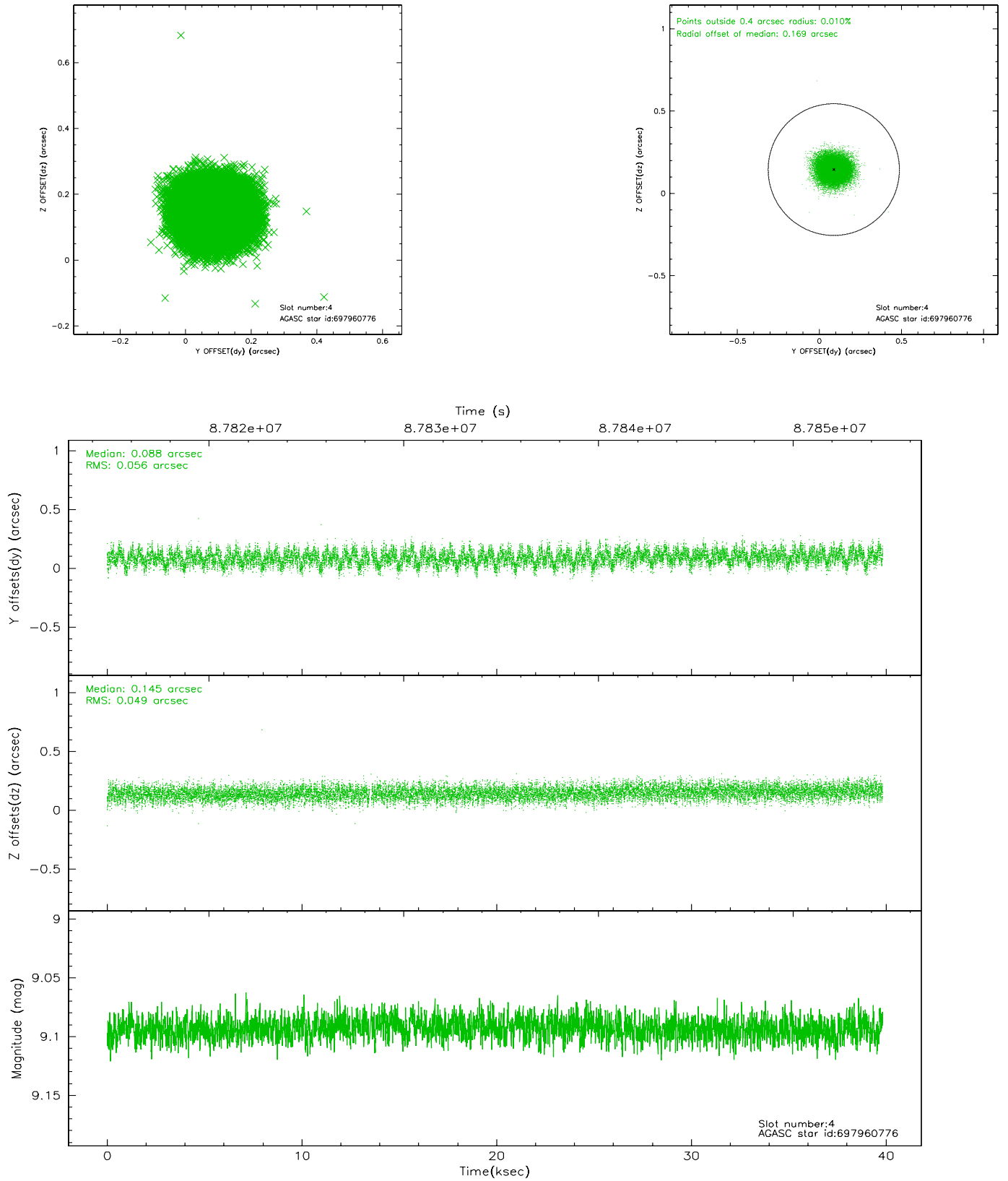
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	9716	-0.024	-0.009	0.025	0.036	0.000000	0.000000	-753.77	-1725.68
1	FID	ACIS-S-4	7.21	9716	-0.018	0.021	0.014	0.022	0.000000	0.000000	2159.49	182.82
2	FID	ACIS-S-6	7.36	9714	0.010	-0.008	0.010	0.016	0.000000	0.000000	408.25	820.20
3	GUIDE	697567048	7.64	19428	-0.280	-0.125	0.046	0.073	73.270537	-9.556392	2021.65	1630.02
4	GUIDE	697960776	9.09	19381	0.088	0.145	0.080	0.126	73.893125	-10.882953	-1939.40	-1830.75
5	GUIDE	697961888	8.68	19425	0.072	0.049	0.063	0.100	73.697929	-10.615567	-1209.69	-898.01
6	GUIDE	697962056	9.92	19364	0.191	-0.045	0.124	0.195	73.181727	-10.524751	-1410.98	946.82
7	GUIDE	697569384	9.65	19422	-0.068	-0.024	0.090	0.148	73.412714	-9.650636	1838.72	1050.23

2.4 Star Slots

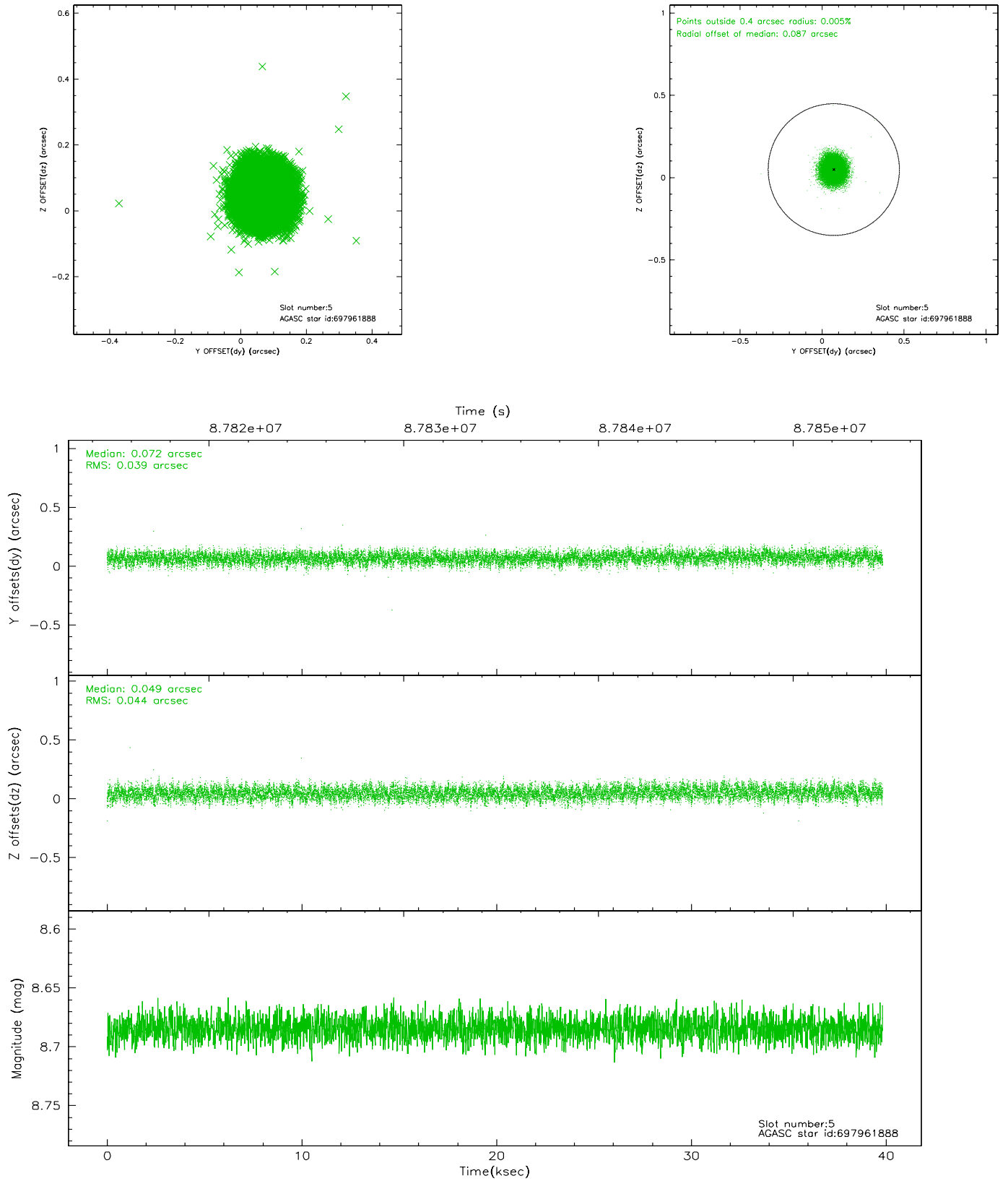
2.4.1 Slot 3



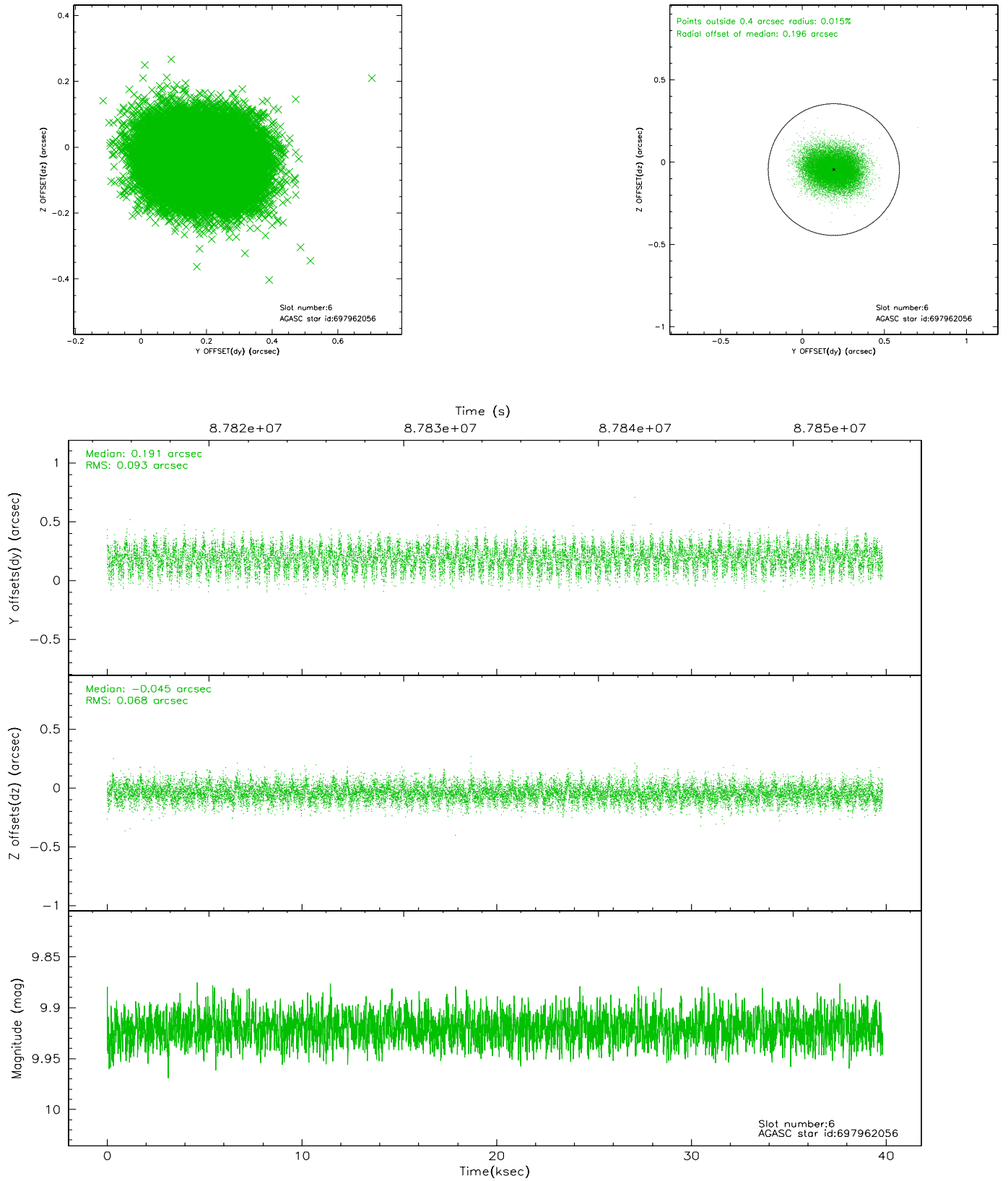
2.4.2 Slot 4



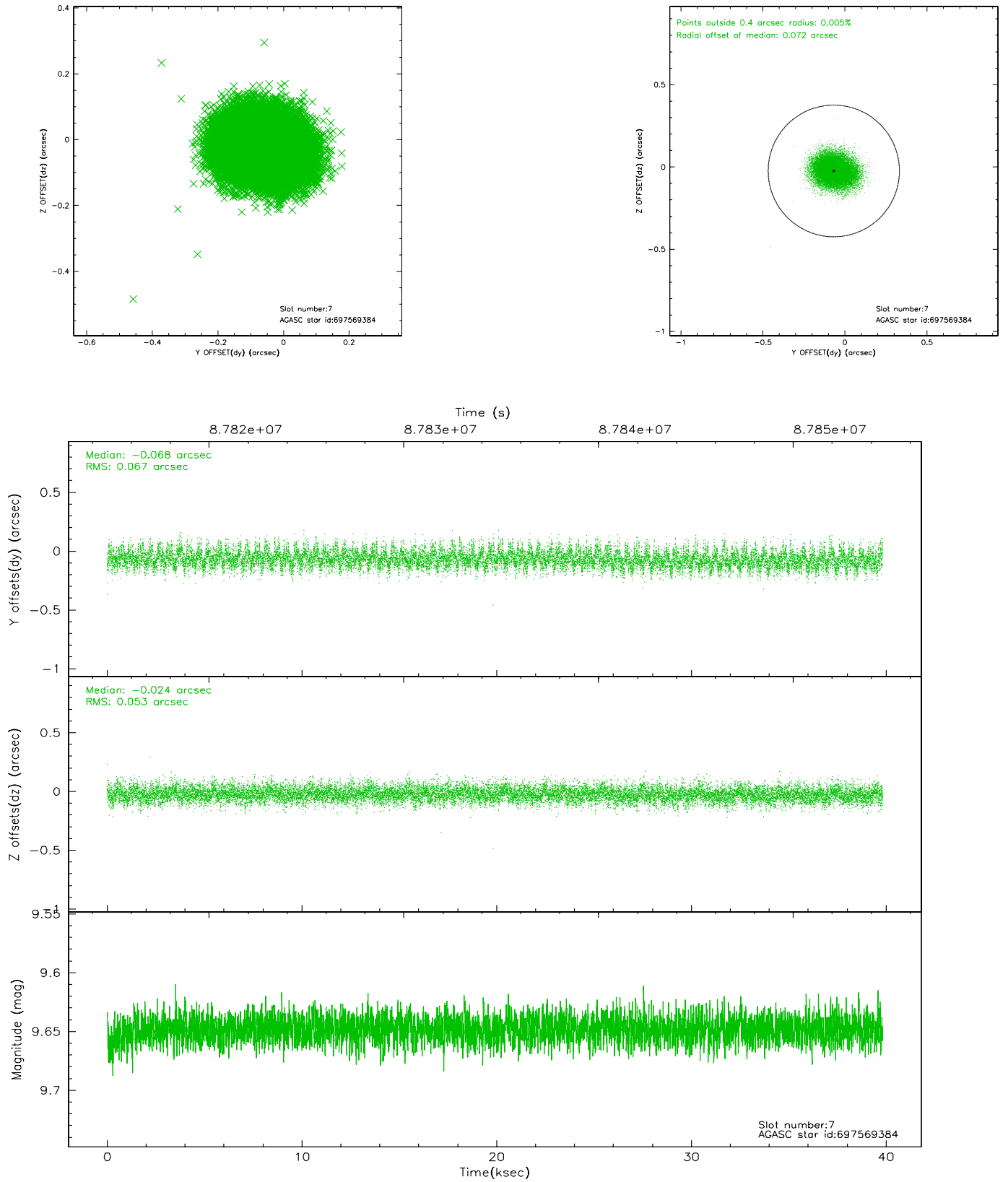
2.4.3 Slot 5



2.4.4 Slot 6

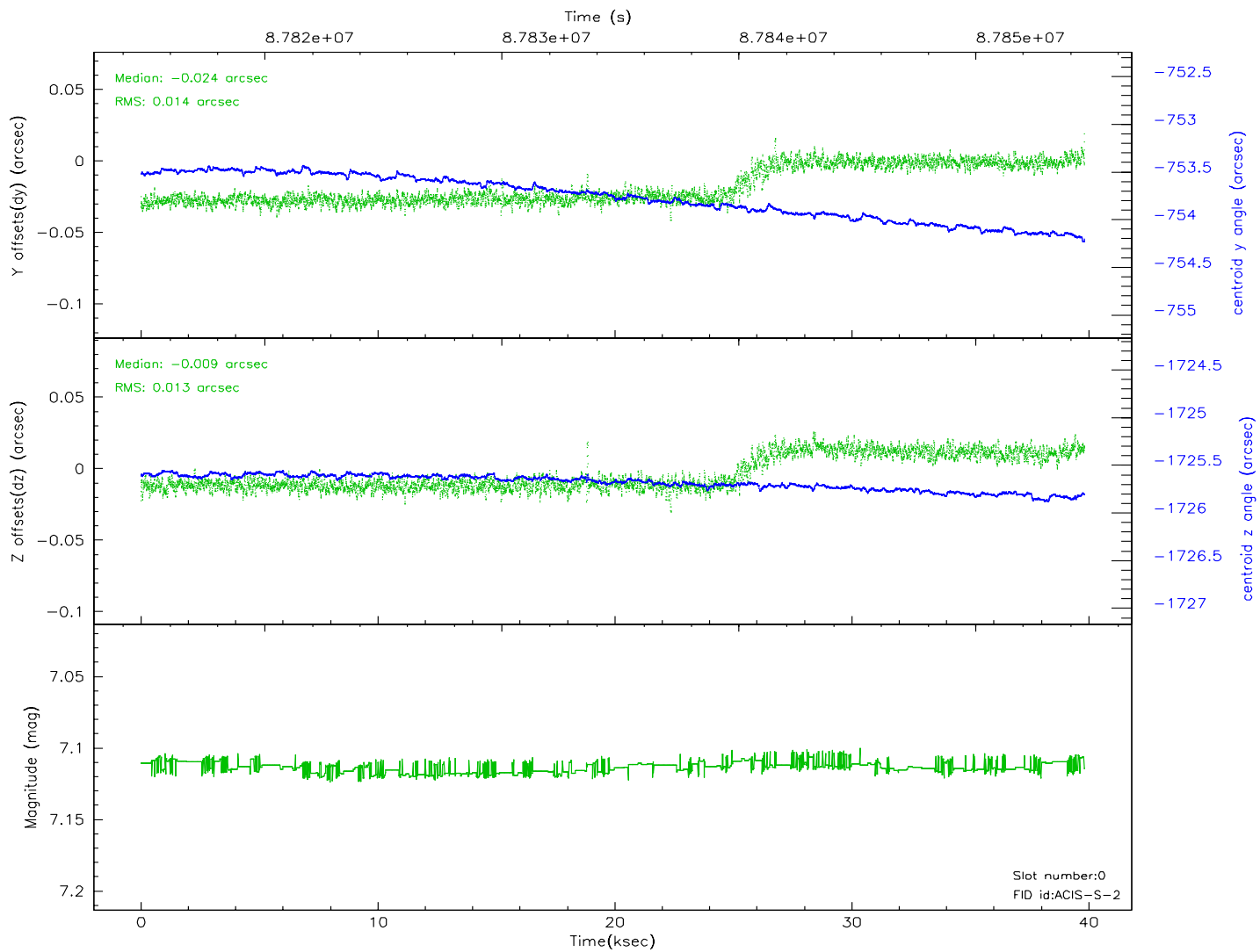
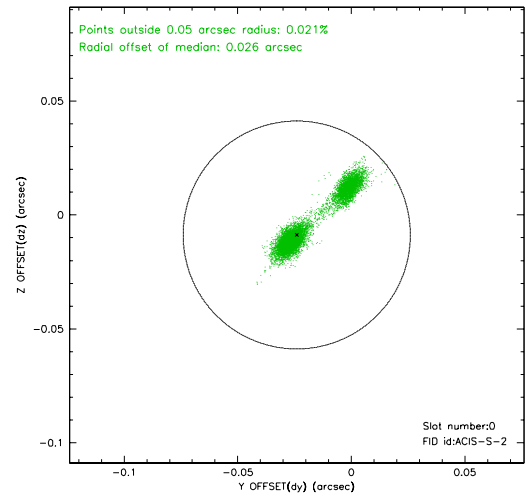
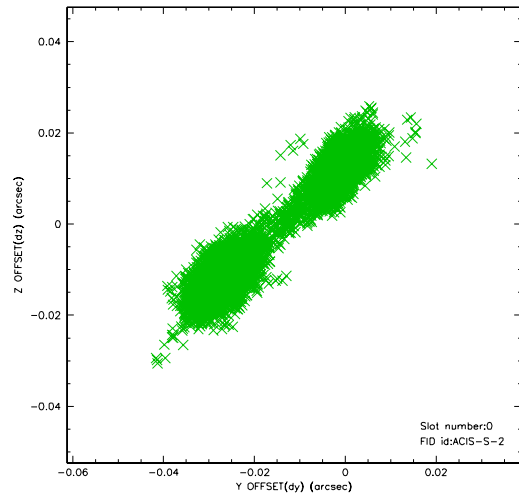


2.4.5 Slot 7

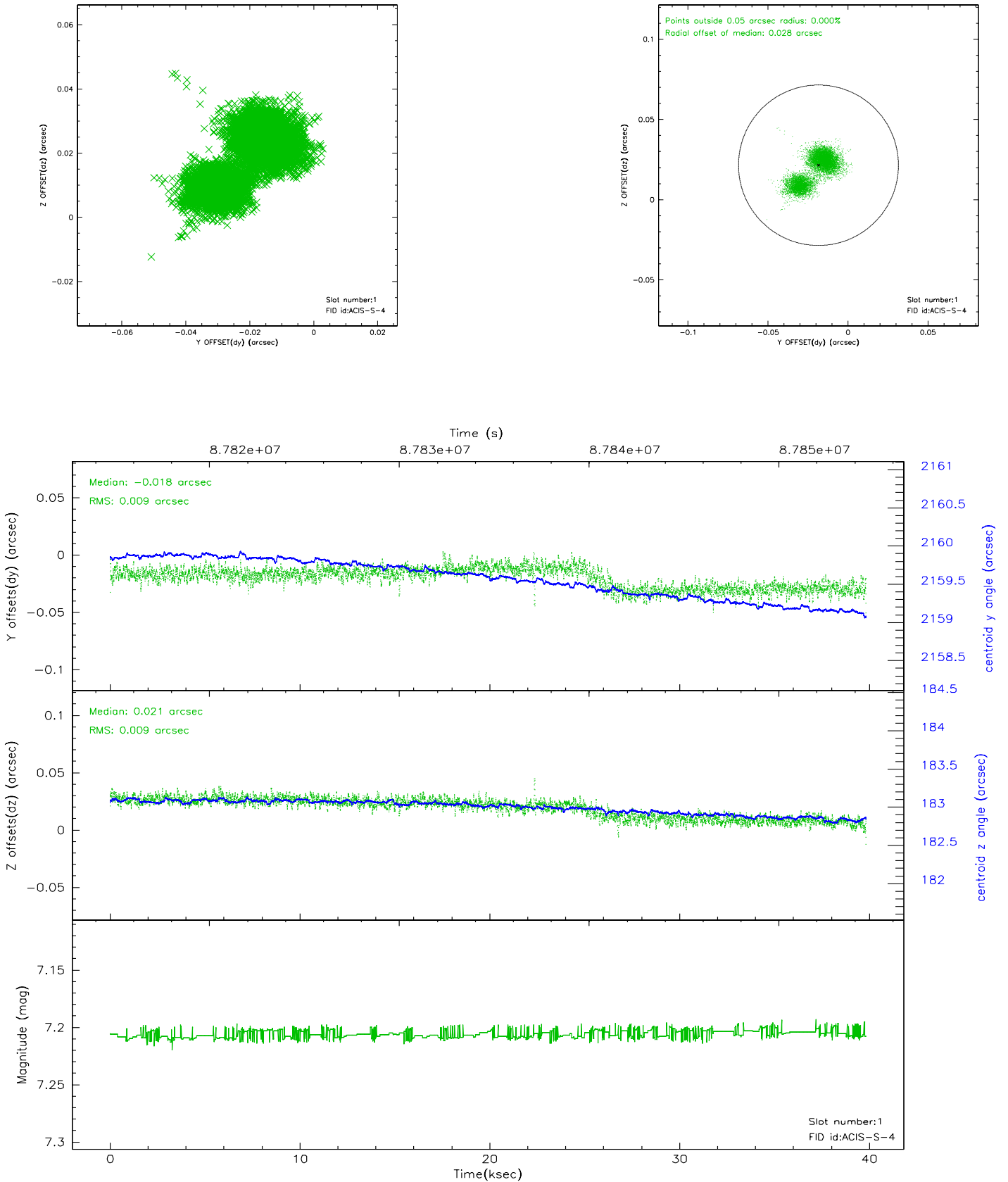


2.5 FID Slots

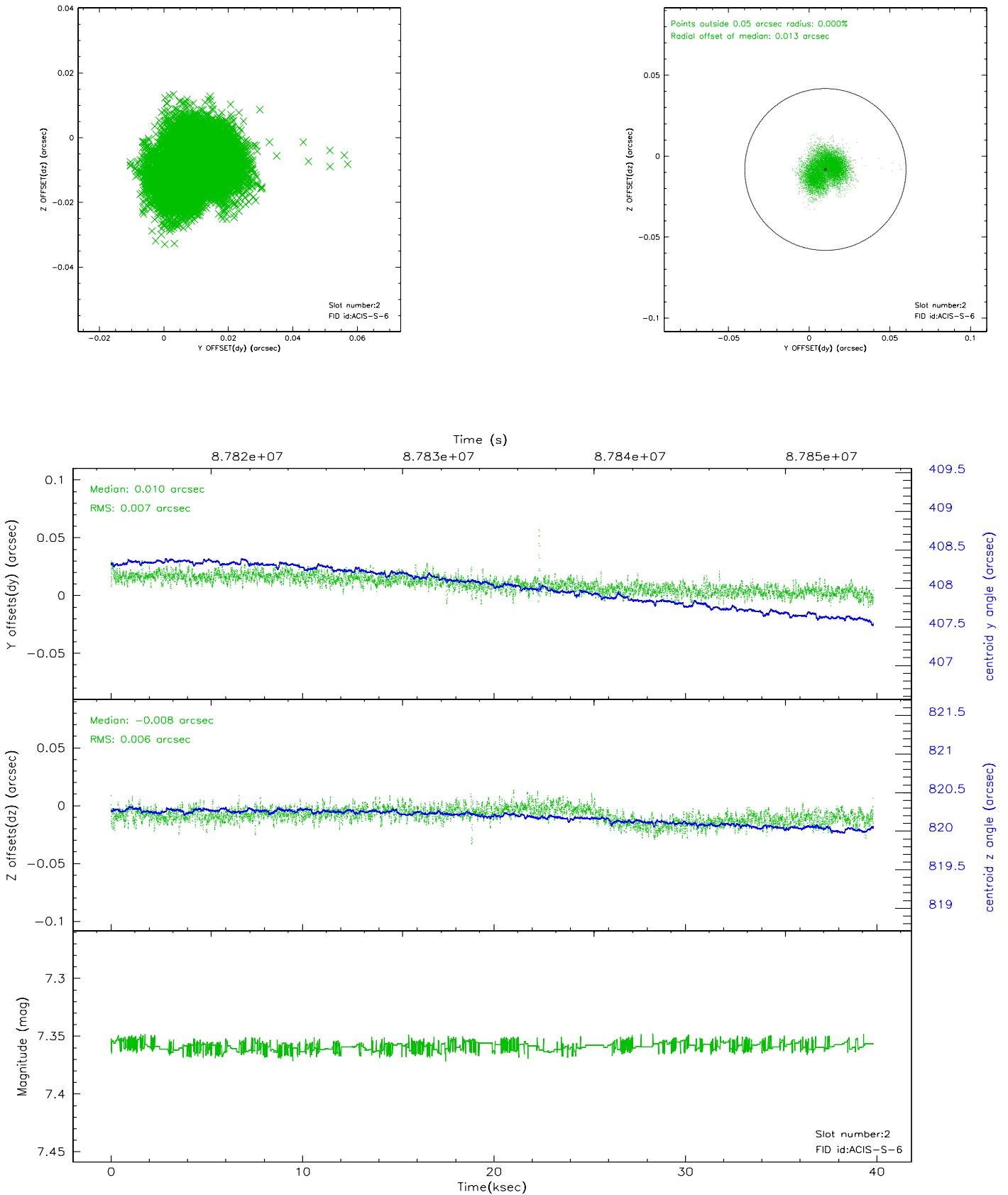
2.5.1 Slot 0



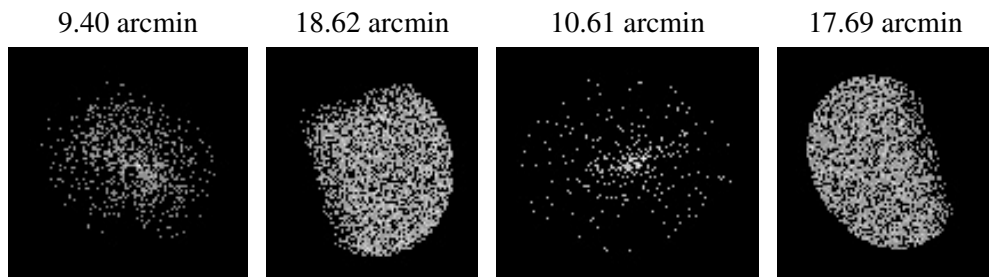
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.612

A.2 Comments