

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2195 - L2 Version 001
Chandra X-Ray Center

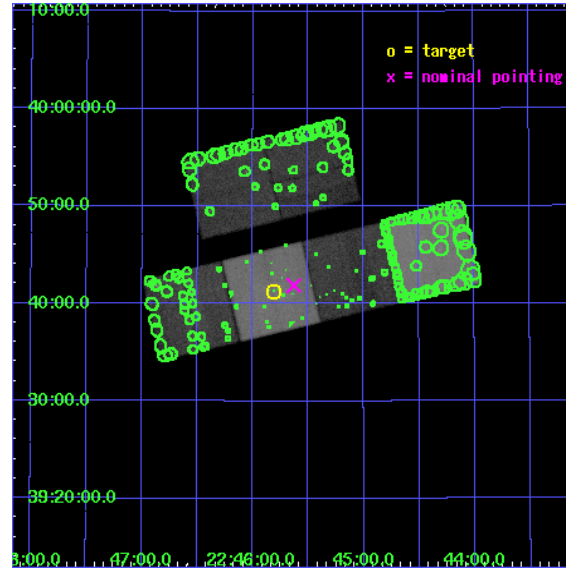
L2 Processing Date : Dec 21 2006

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1 Front

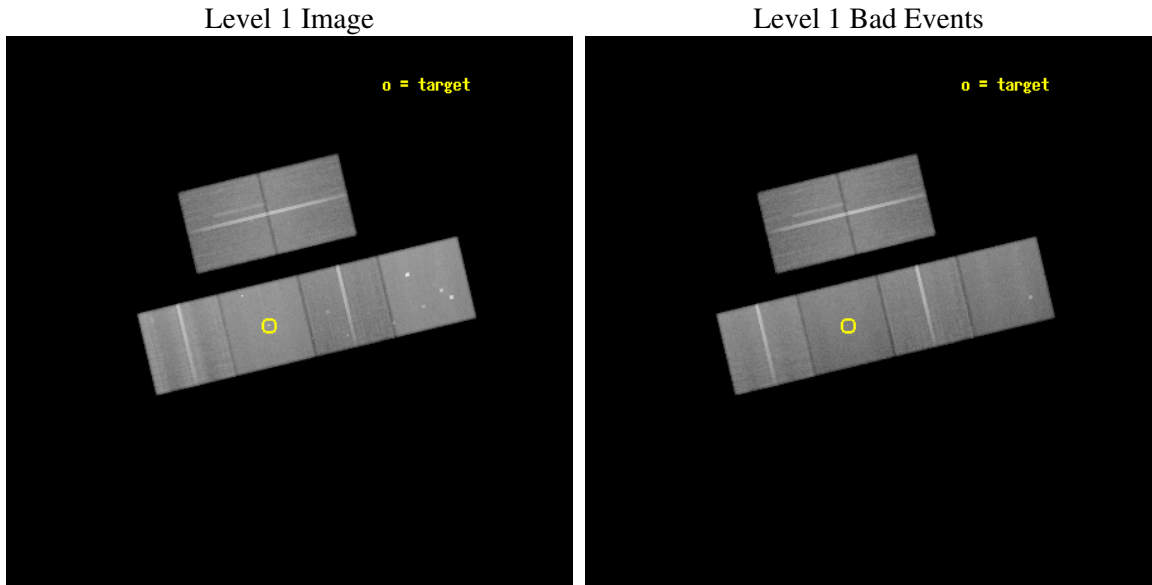
seq_num	700385
obs_id	2195
title	EXPLORING INVERSE COMPTON X-RAYS FROM LOBES OF RADIO GALAXIES
observer	Dr. Naoki Isobe
object	3C 452
dtcycle	0
cycle	P
ra_targ	341.454167
dec_targ	39.6875
ra_nom	341.40741701238
dec_nom	39.697984108014
roll_nom	166.53440585981
revision	2
ontime	80947.200075388
livetime	79922.197887481
ontime2	80947.200075388
ontime3	80943.959105134
ontime5	80947.200075388
ontime6	80943.959075227
ontime7	80947.200075388
ontime8	80947.200075388
l2events	850779



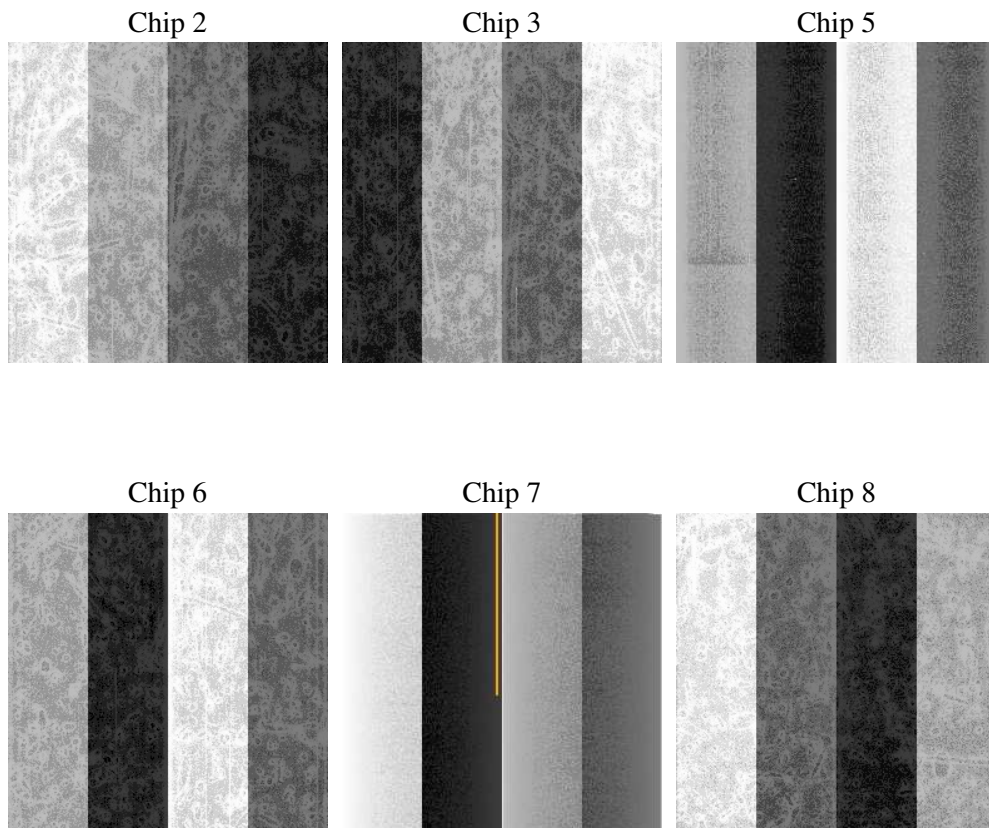
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-21T18:15:20
revision	2

sched_exp_time	81000.000000
ontime	80950.51100342
ontime2	80950.51100342
ontime3	80947.270033166
ontime5	80950.51100342
ontime6	80947.270003259
ontime7	80950.51100342
ontime8	80950.51100342
l1events	3911067

2.1.4 Events

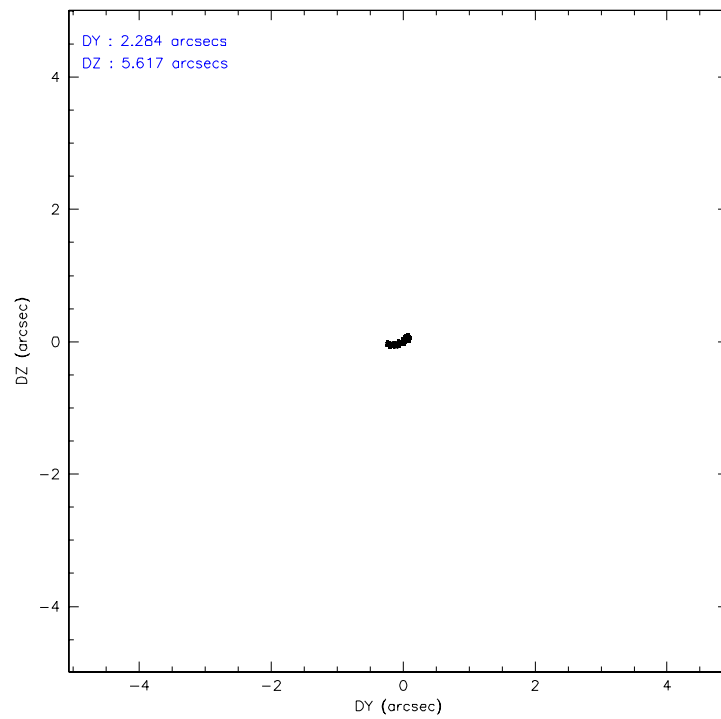
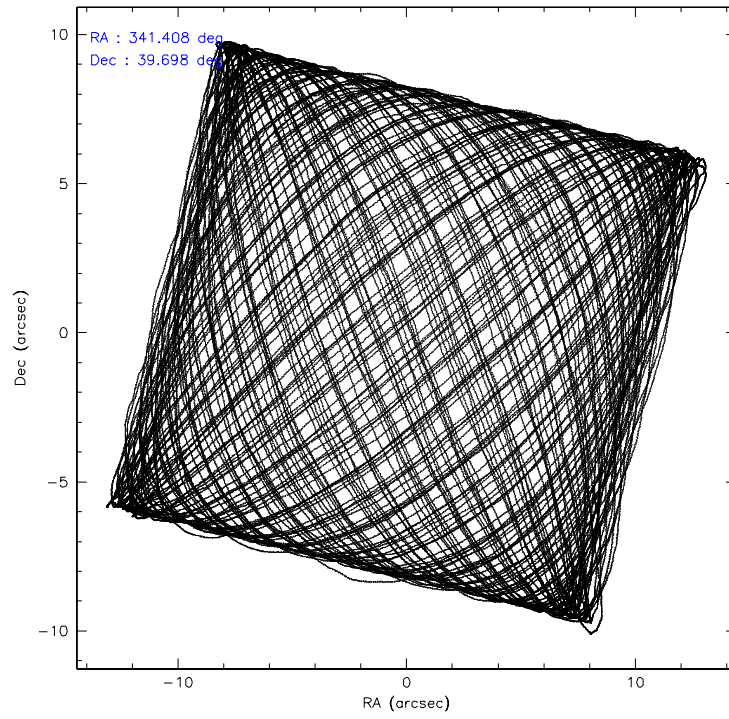
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	569484	547851	779182	565781	709743	739026
rejected events	503807	482476	422140	495944	423337	553427
rejected %	88%	88%	54%	87%	59%	74%

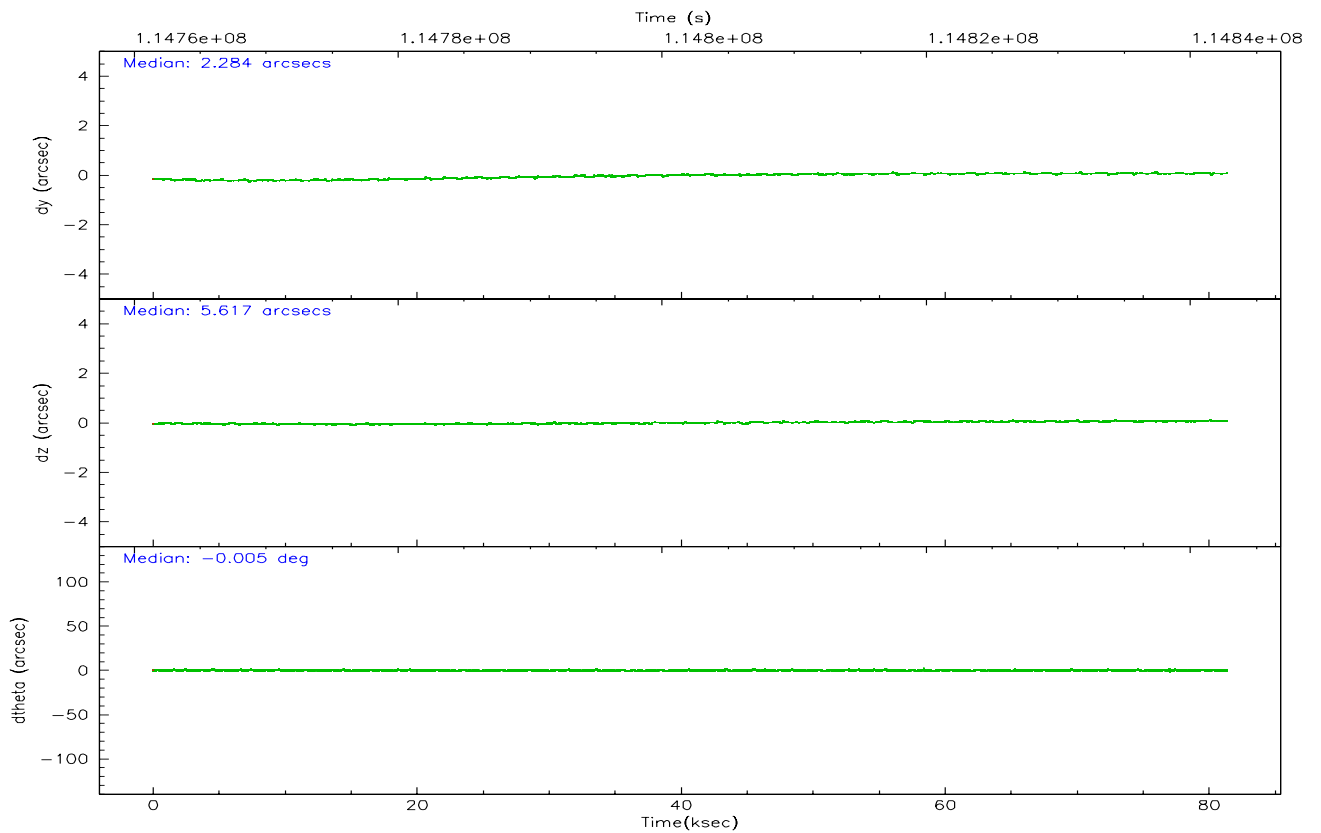
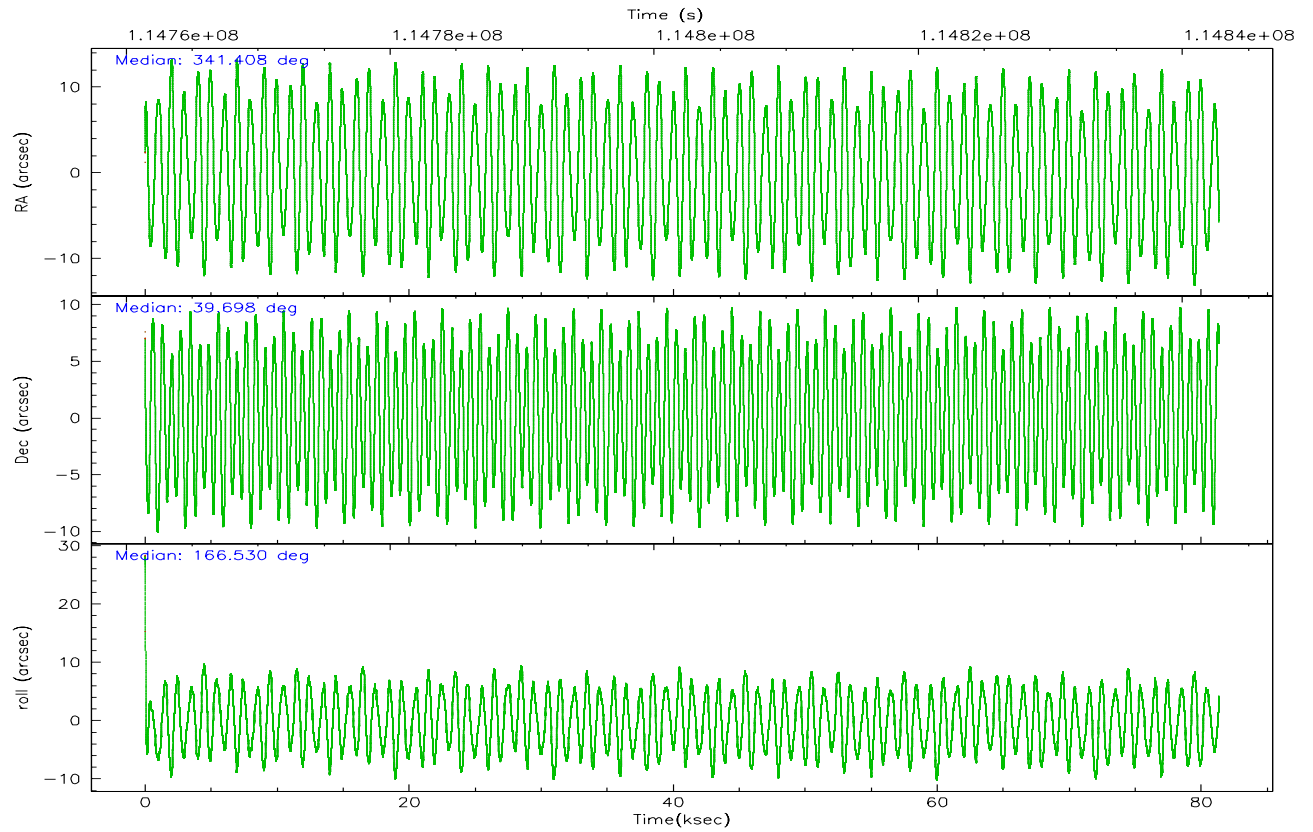
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	27821	29055	36729	30219	19748	61602
	4%	5%	4%	5%	2%	8%
grade 1 events	282	237	654	282	451	540
	0%	0%	0%	0%	0%	0%
grade 2 events	14480	13055	109865	13909	72343	35982
	2%	2%	14%	2%	10%	4%
grade 3 events	5984	5999	8875	6423	15474	22778
	1%	1%	1%	1%	2%	3%
grade 4 events	5916	5860	7686	6361	15067	20976
	1%	1%	0%	1%	2%	2%
grade 5 events	18568	20160	36785	22278	44921	28790
	3%	3%	4%	3%	6%	3%
grade 6 events	11478	11408	193902	12927	163782	44263
	2%	2%	24%	2%	23%	5%
grade 7 events	484955	462077	384686	473382	377957	524095
	85%	84%	49%	83%	53%	70%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	341.441297	341.4074170123849	Subarray requested	NONE	NONE
Pointing Dec	39.706025	39.69798410801358	Alternating exposures requested	N	N
Pointing Roll	166.356127	166.5344058598078	Primary exposure time	0.000000	3.2
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	114761796.184000	114760741.43047			
Observation start date	2001-08-21T06:15:32	2001-08-21T05:59:01			
Observation end time	114842796.184000	114843427.67123			
Observation end date	2001-08-22T04:45:32	2001-08-22T04:57:07			
Read mode	TIMED	TIMED			

2.3 Aspect



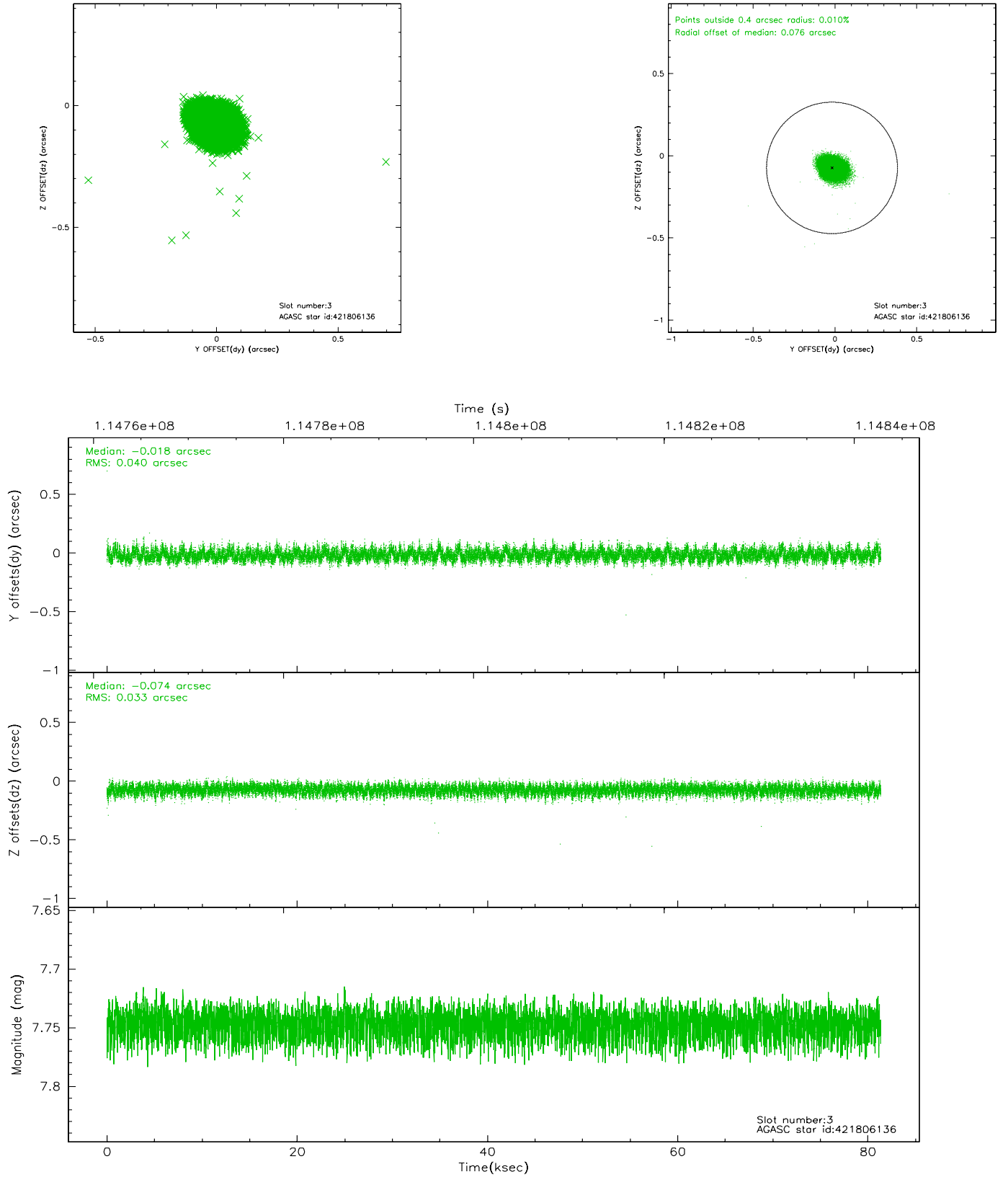


Slot Statistics

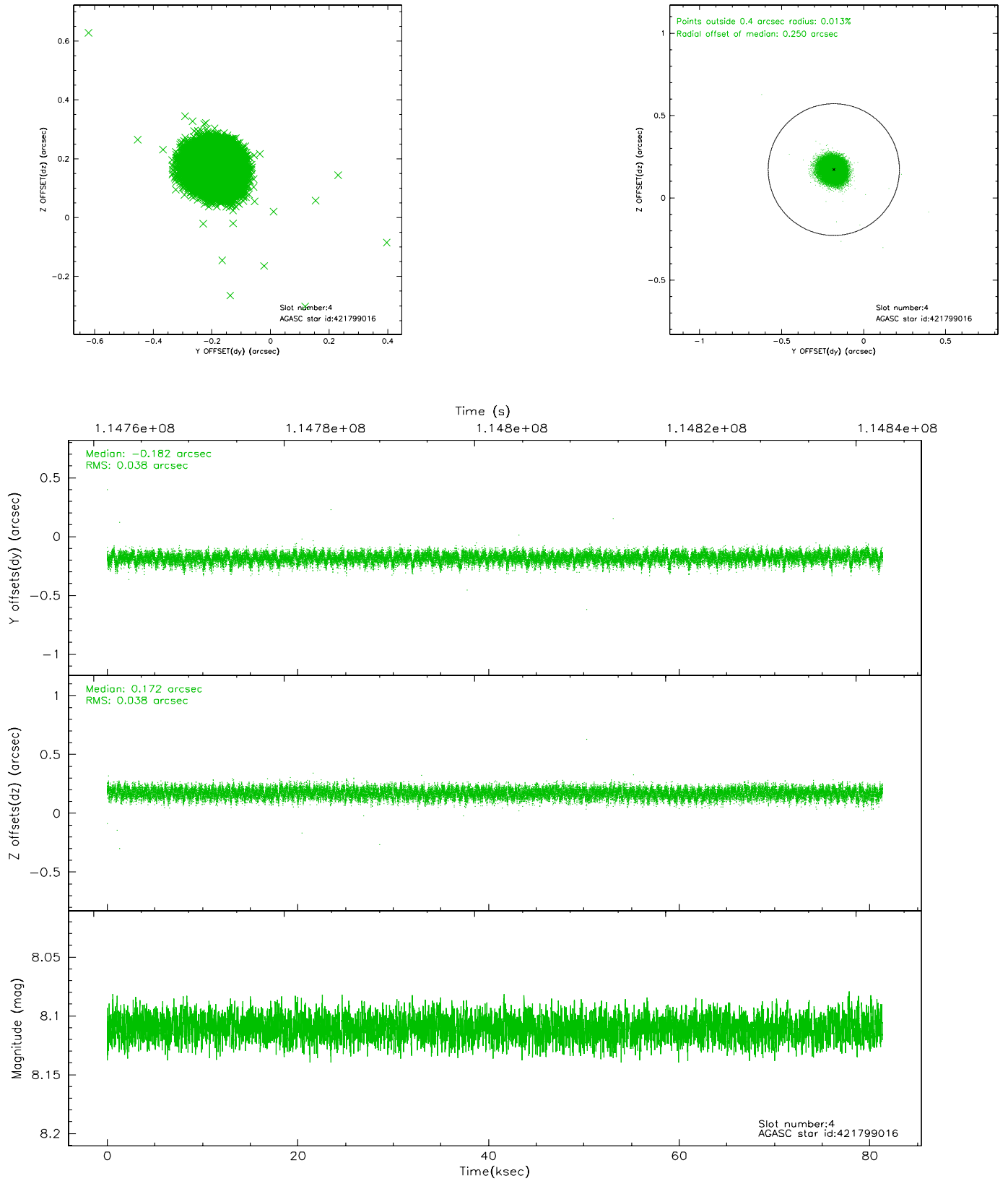
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	19848	-0.031	0.019	0.008	0.014	0.000000	0.000000	-754.85	-1726.70
1	FID	ACIS-S-4	7.20	19847	-0.069	0.010	0.006	0.011	0.000000	0.000000	2158.37	181.92
2	FID	ACIS-S-5	7.24	19847	0.068	-0.020	0.008	0.013	0.000000	0.000000	-1807.74	175.38
3	GUIDE	421806136	7.75	39693	-0.018	-0.074	0.055	0.089	341.732310	39.417234	-1031.25	818.57
4	GUIDE	421799016	8.11	39691	-0.182	0.172	0.057	0.092	340.858396	40.195970	1975.07	-1340.02
5	GUIDE	421268144	8.65	39686	-0.060	-0.241	0.065	0.107	341.388019	39.094241	-374.84	2175.72
6	GUIDE	421793880	9.44	39672	0.090	-0.008	0.076	0.124	340.908510	39.656085	1393.85	519.59
7	GUIDE	421795224	9.60	39604	0.170	0.151	0.101	0.168	342.243965	39.571369	-2276.13	-63.37

2.4 Star Slots

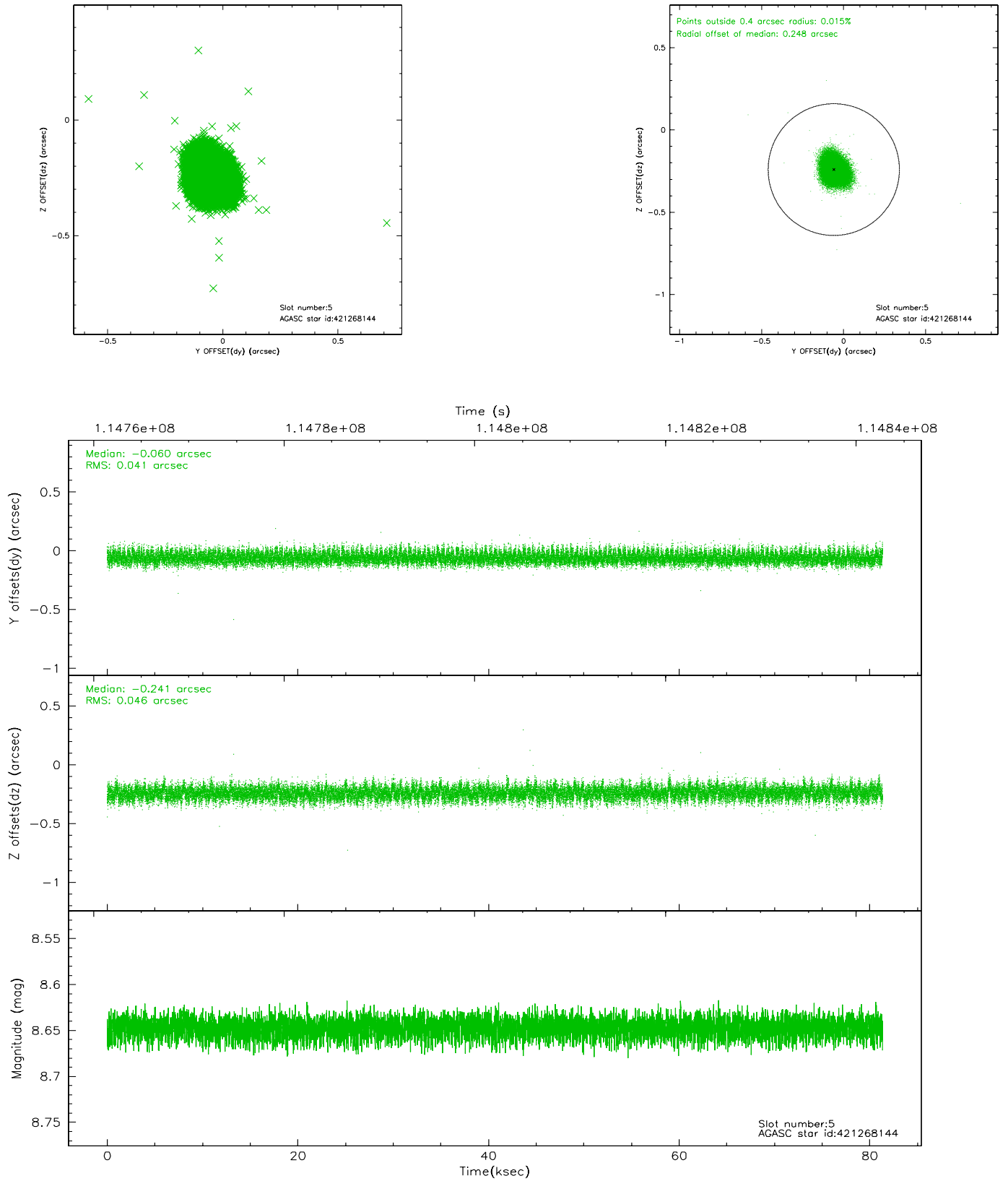
2.4.1 Slot 3



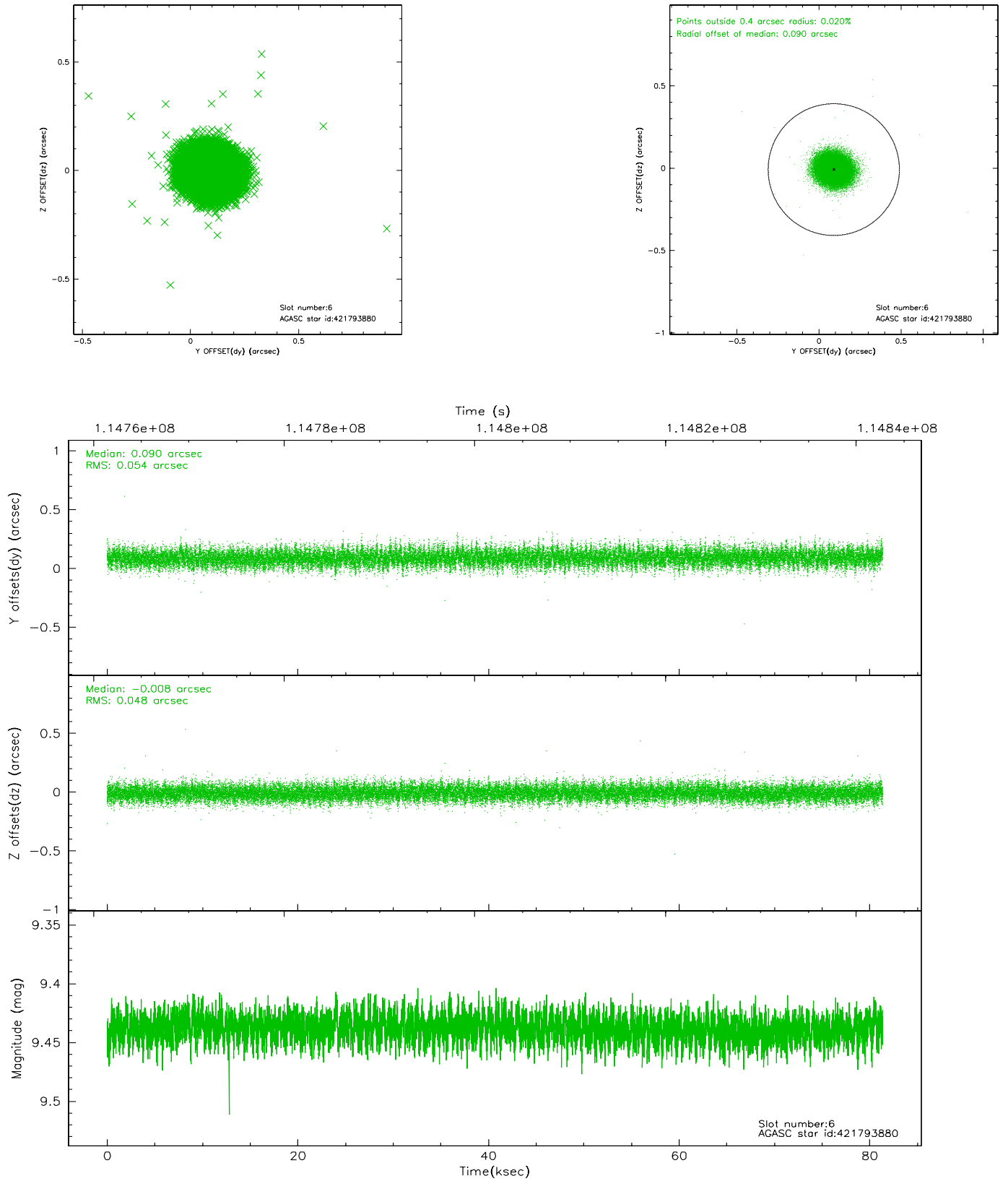
2.4.2 Slot 4



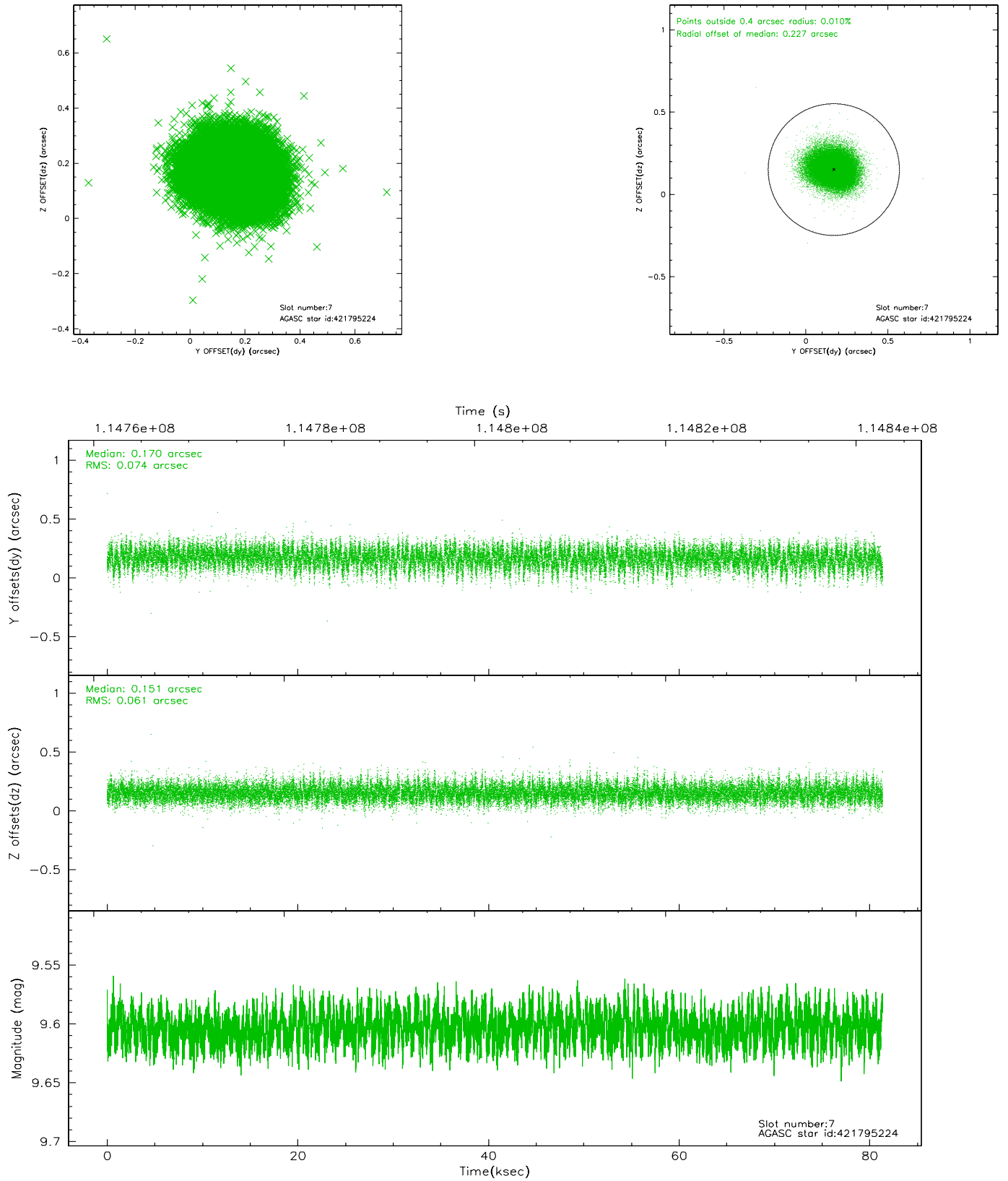
2.4.3 Slot 5



2.4.4 Slot 6

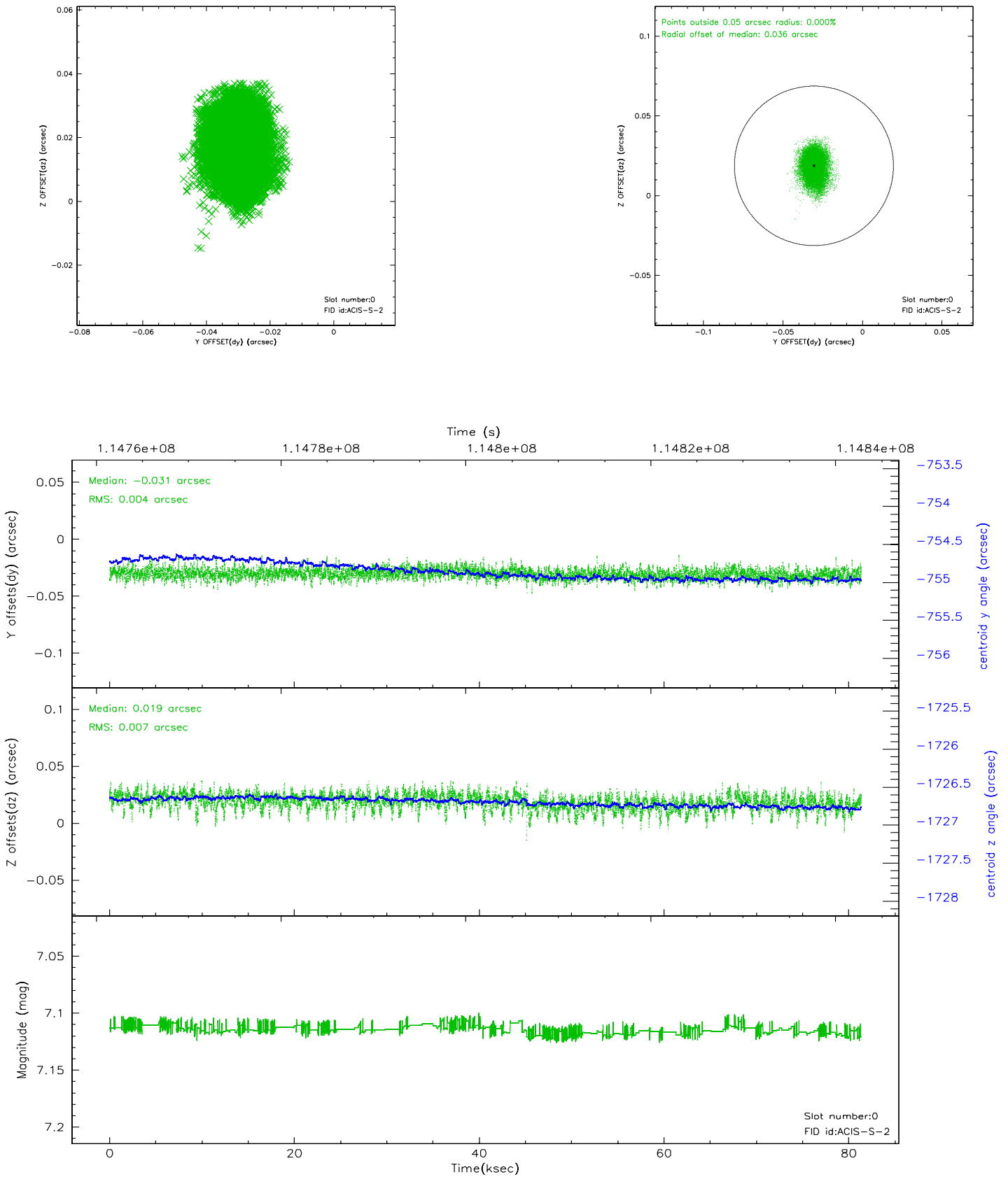


2.4.5 Slot 7

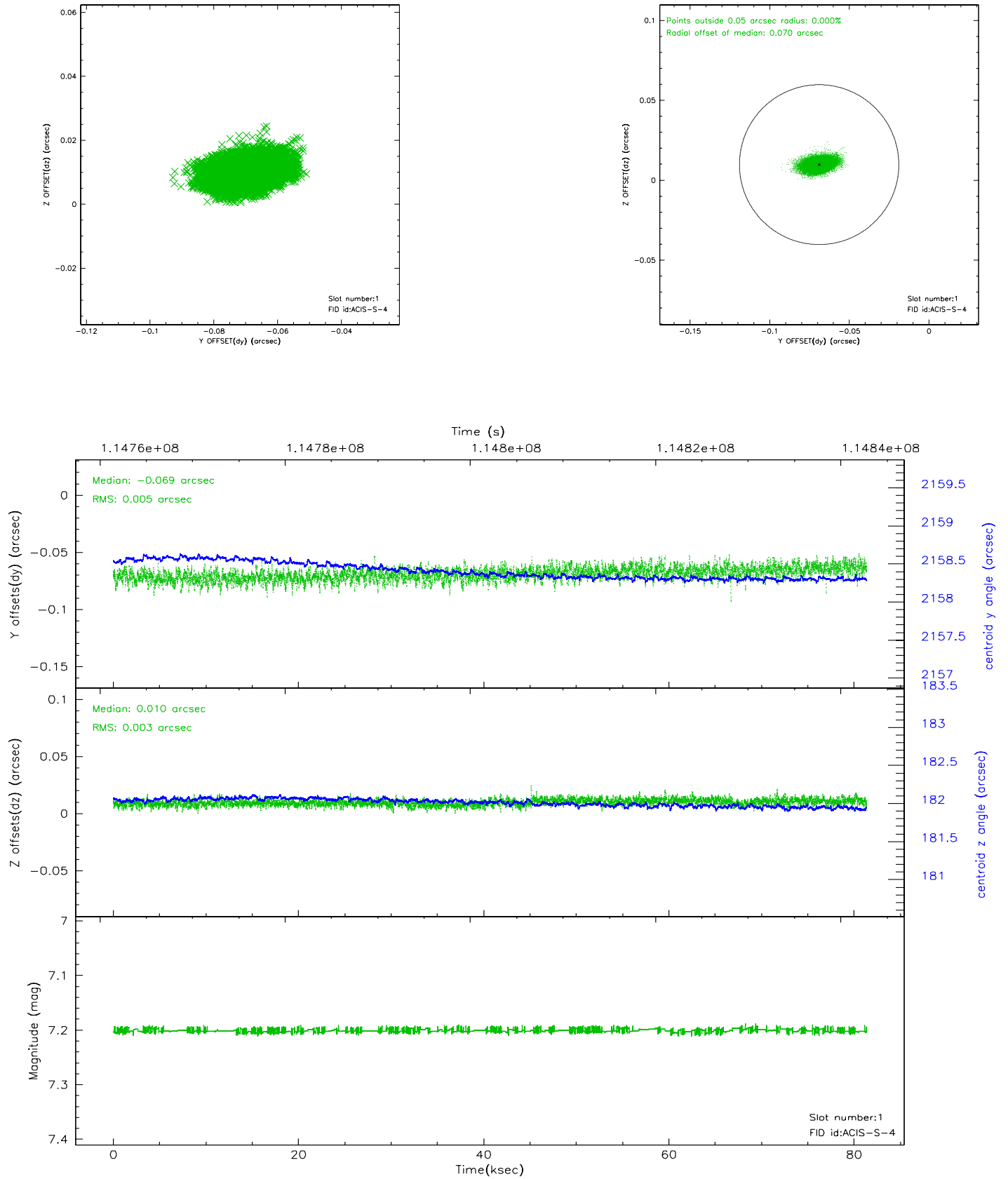


2.5 FID Slots

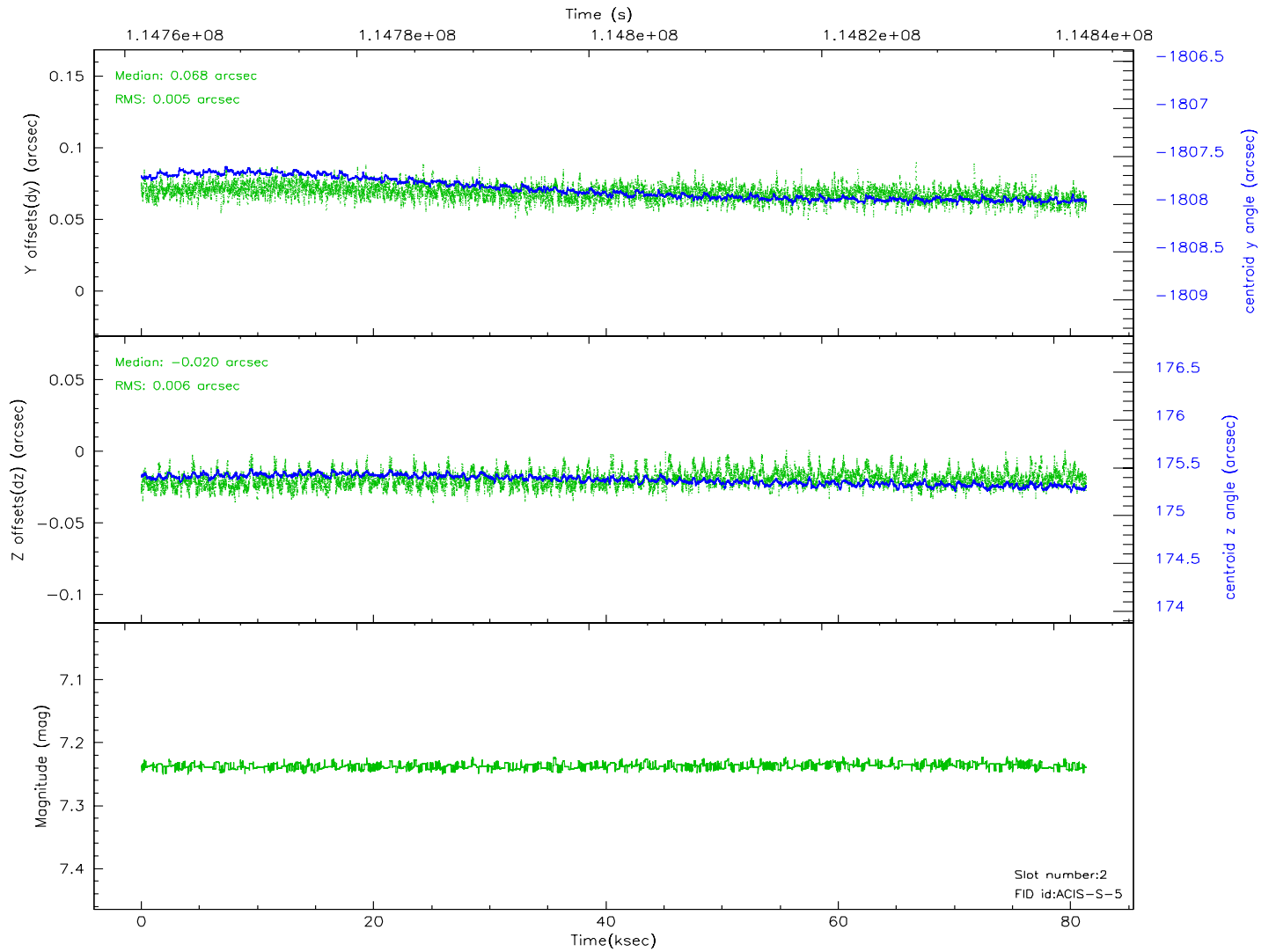
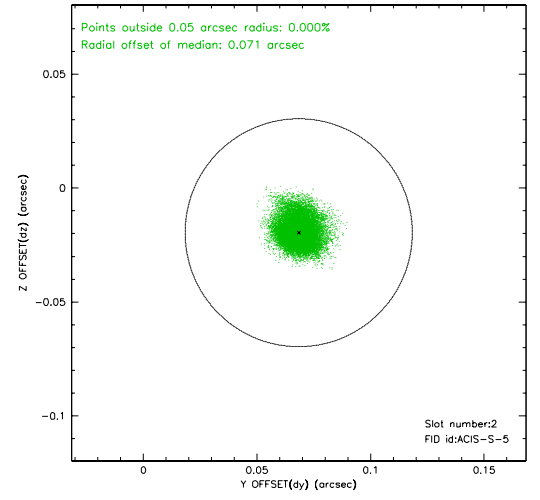
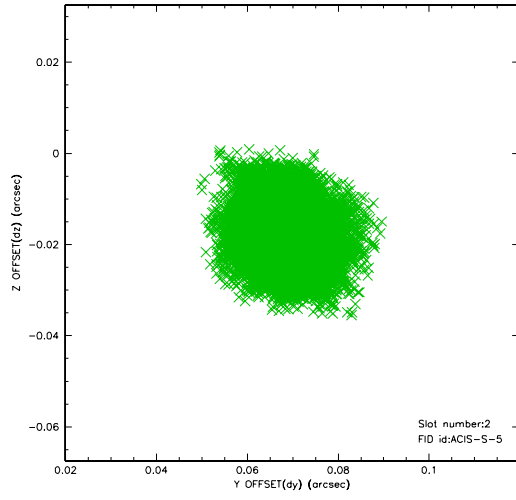
2.5.1 Slot 0



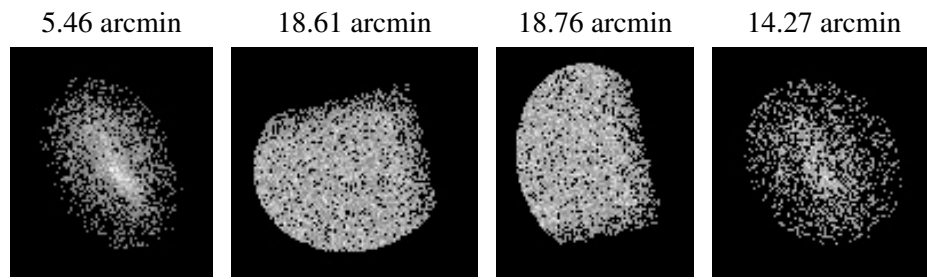
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	80.947

A.2 Comments