

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 4434 - L2 Version 001
Chandra X-Ray Center

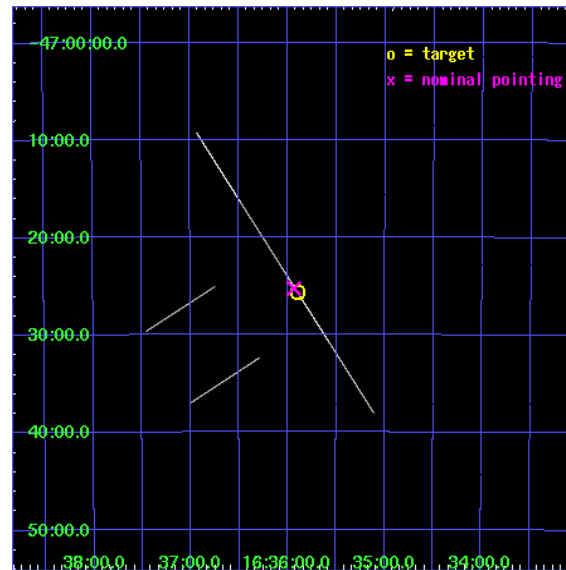
L2 Processing Date : Aug 5 2006

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1 Front

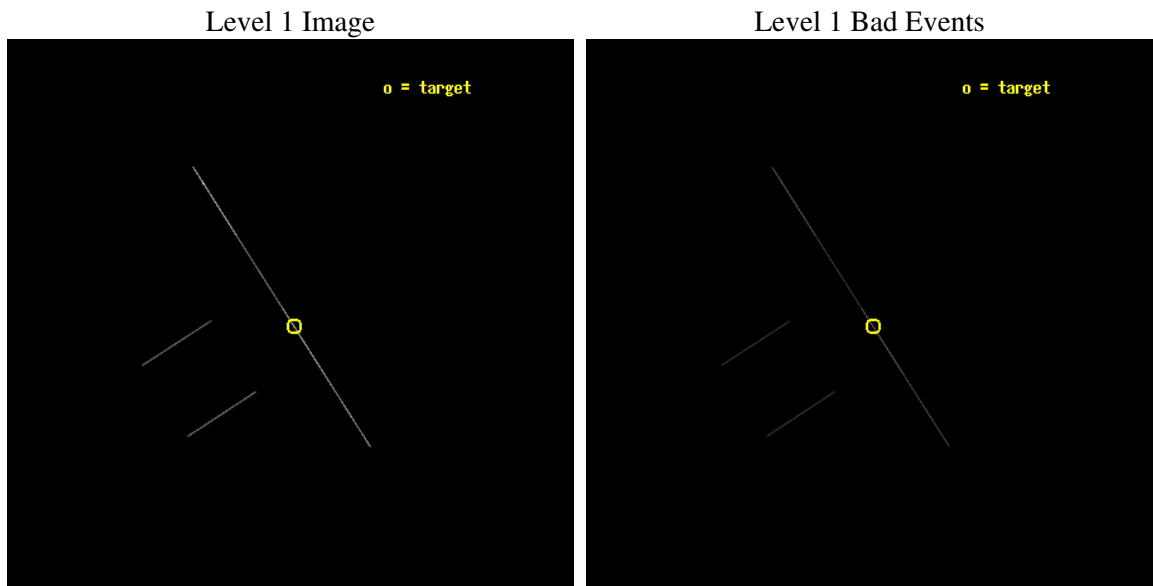
seq_num	400323
obs_id	4434
title	Determining the Nature of the Peculiar X-ray Transient IGR J16358-4726
observer	Dr Chryssa Kouveliotou
object	IGR J16358-4726
ra_targ	248.974167
dec_targ	-47.428083
ra_nom	248.98386308133
dec_nom	-47.421000261567
roll_nom	57.251211764043
revision	2
ontime	47068.205493748
livetime	46884.345316038
ontime2	47069.674134076
ontime3	47068.160184681
ontime5	47069.664049327
ontime6	47069.663235635
ontime7	47068.205493748
ontime8	47069.663254291
l2events	548735



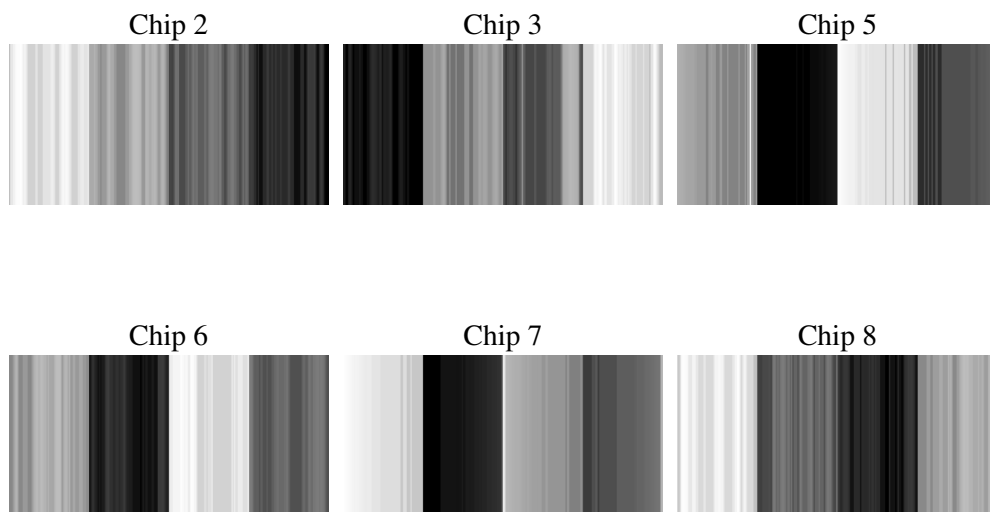
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-05T01:01:48
revision	2

sched_exp_time	47000.000000
ontime	47891.905696839
ontime2	47893.407734126
ontime3	47893.357850164
ontime5	47893.364657164
ontime6	47893.363641441
ontime7	47891.905696839
ontime8	47894.822736531
l1events	845317

2.1.4 Events

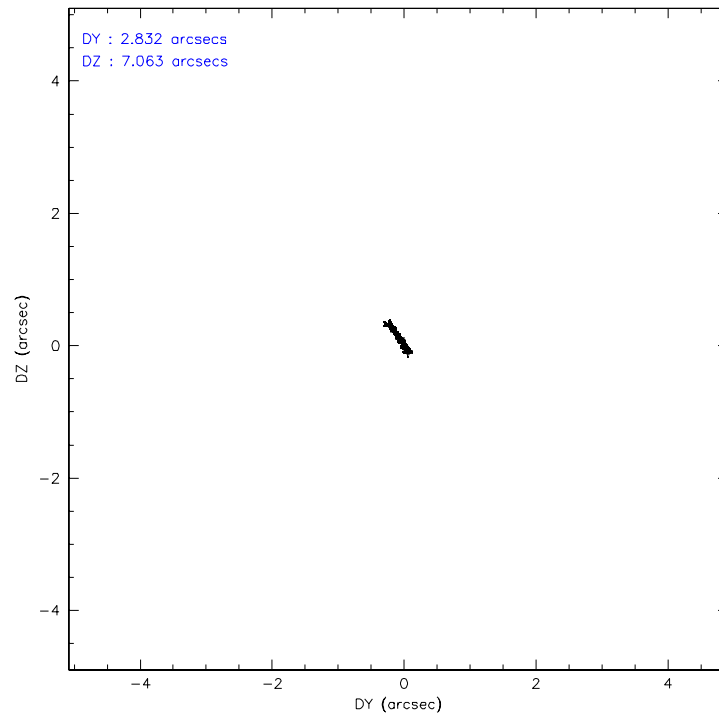
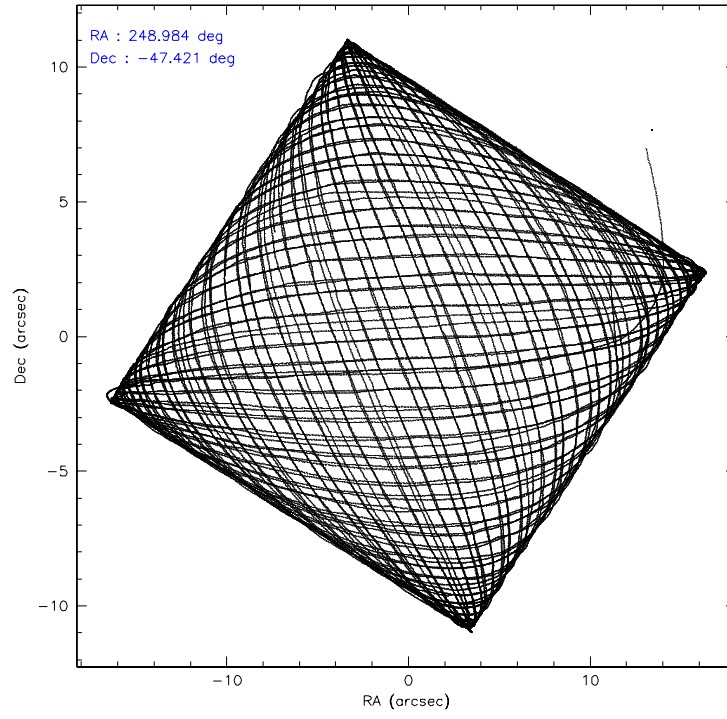
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	60260	66727	319087	69190	201359	128694
rejected events	11374	12921	28162	13223	31390	18735
rejected %	18%	19%	8%	19%	15%	14%

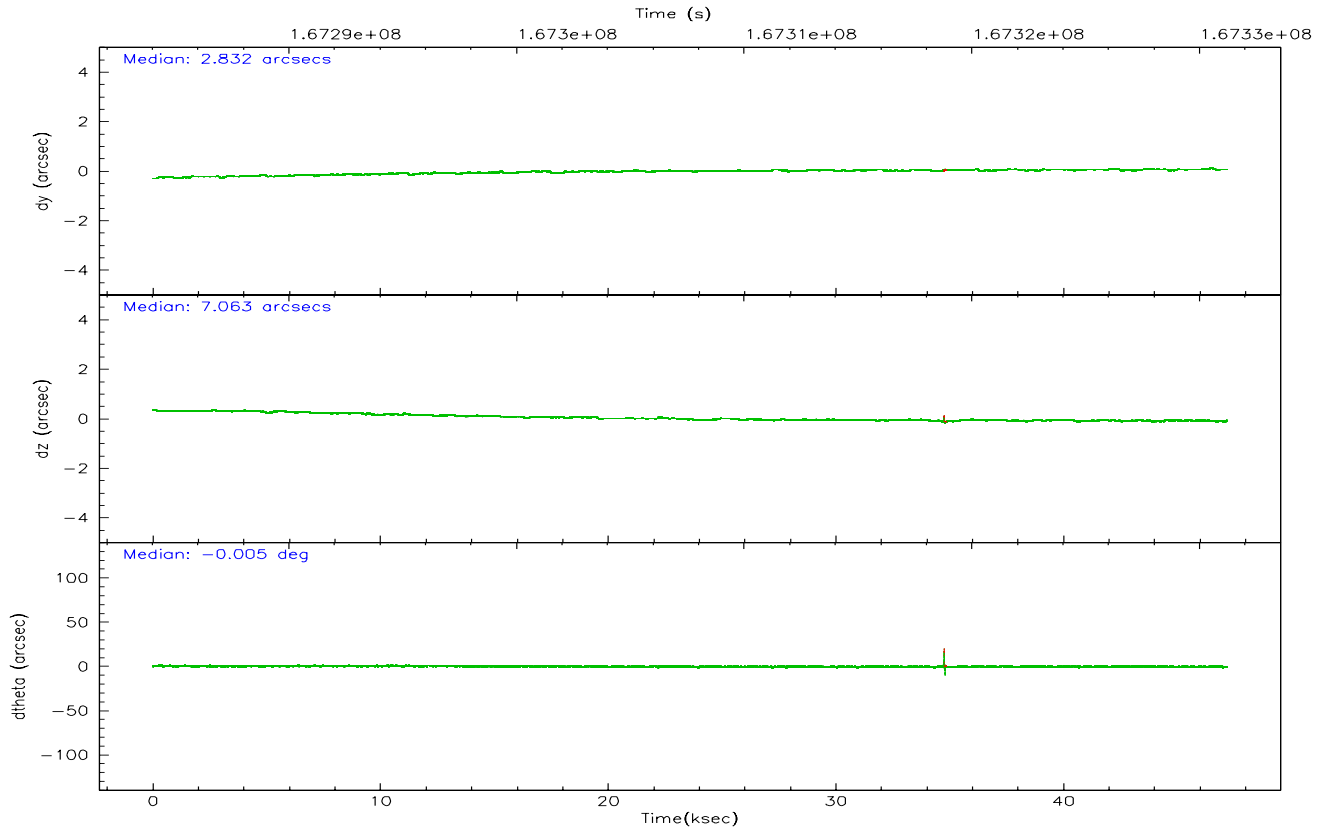
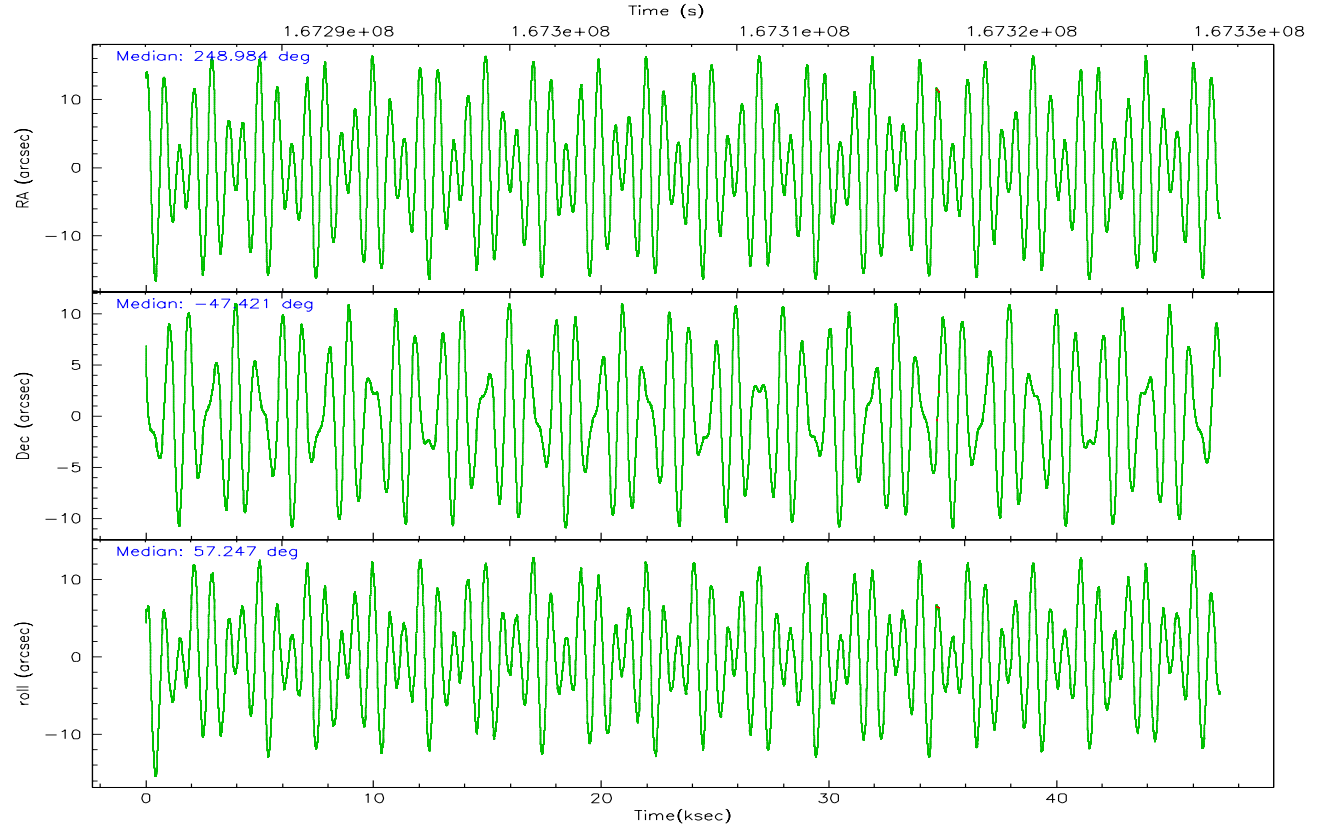
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	7426	7806	86779	7300	10215	21079
	12%	11%	27%	10%	5%	16%
grade 1 events	182	247	273	192	304	408
	0%	0%	0%	0%	0%	0%
grade 2 events	19083	21160	75893	22828	45865	36594
	31%	31%	23%	32%	22%	28%
grade 3 events	6407	7817	4662	6877	7346	12522
	10%	11%	1%	9%	3%	9%
grade 4 events	6604	6732	4385	6638	7450	12375
	10%	10%	1%	9%	3%	9%
grade 5 events	10351	11721	23242	12131	28329	16607
	17%	17%	7%	17%	14%	12%
grade 6 events	10207	11244	123853	13224	101850	29109
	16%	16%	38%	19%	50%	22%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	248.982508	248.9838630813297	Alternating exposures requested	N	N
Pointing Dec	-47.448210	-47.42100026156745	Primary exposure time	0.000000	0
Pointing Roll	57.093584	57.25121176404298			
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	167284219.184000	167283222.65486			
Observation start date	2003-04-21T03:49:15	2003-04-21T03:33:42			
Observation end time	167331219.184000	167331688.75691			
Observation end date	2003-04-21T16:52:35	2003-04-21T17:01:28			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



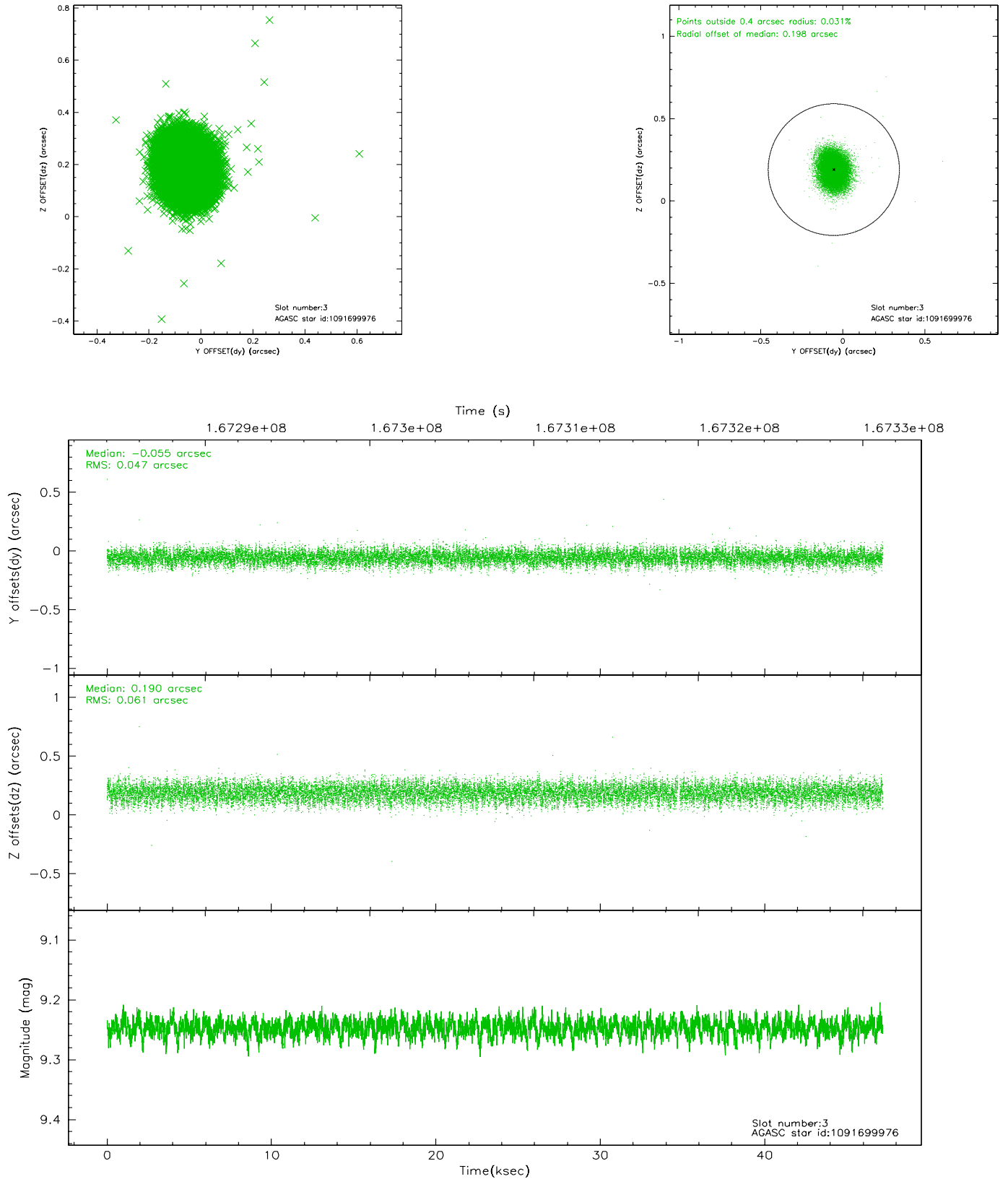


Slot Statistics

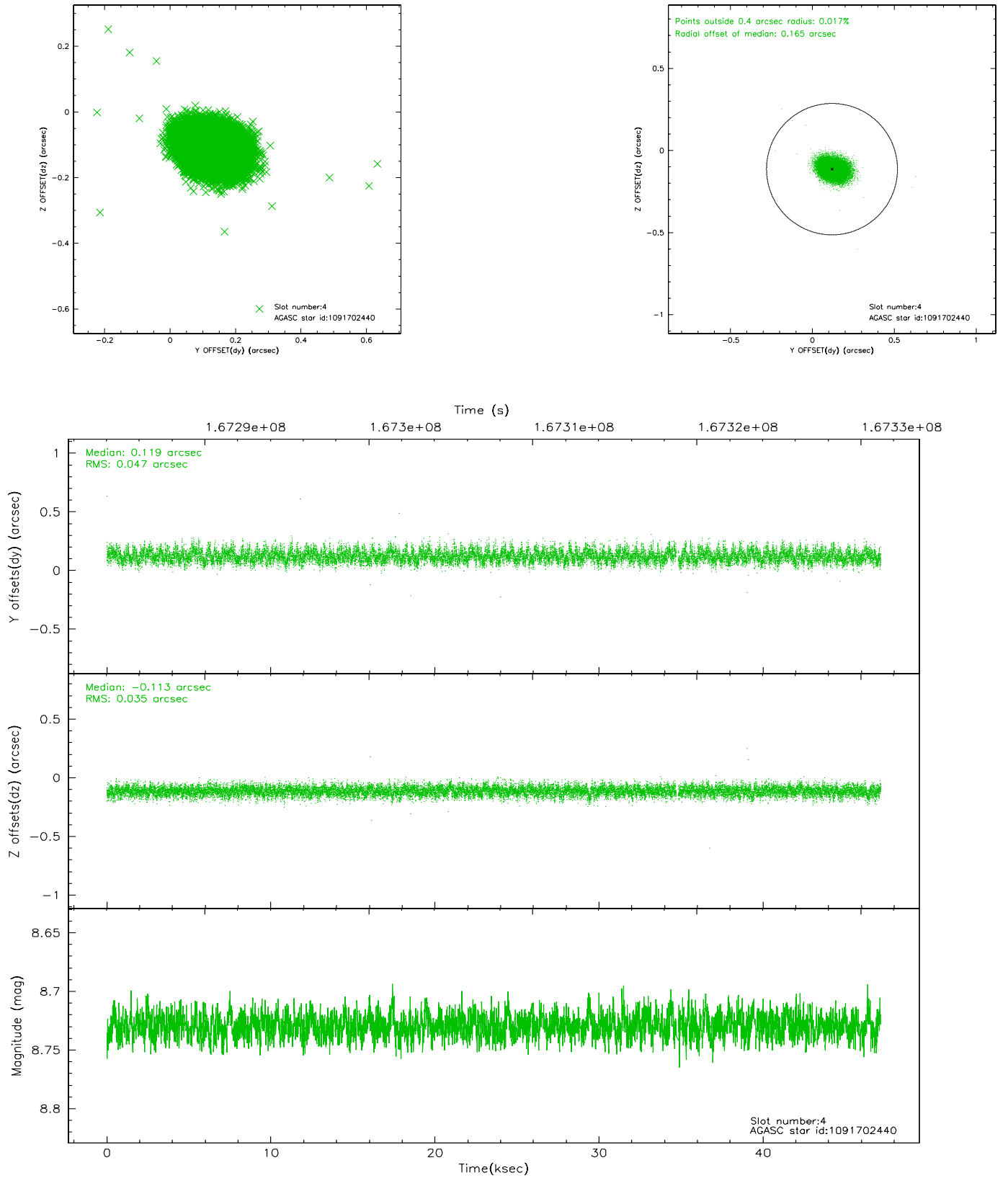
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	11477	0.021	-0.030	0.008	0.014	0.000000	0.000000	940.61	-1723.95
1	FID	ACIS-S-5	7.24	11478	-0.002	0.029	0.008	0.014	0.000000	0.000000	-1808.40	173.70
2	FID	ACIS-S-6	7.36	11478	-0.040	0.012	0.011	0.019	0.000000	0.000000	406.14	817.61
3	GUIDE	1091699976	9.25	22942	-0.055	0.190	0.081	0.132	249.617486	-47.776281	-162.03	-1934.51
4	GUIDE	1091702440	8.73	22946	0.119	-0.113	0.062	0.102	248.295809	-47.683380	-1620.97	933.11
5	GUIDE	1091709408	9.21	22933	-0.093	0.055	0.068	0.111	249.304466	-47.312562	835.57	-395.11
6	GUIDE	1091197728	9.37	22938	-0.085	-0.068	0.086	0.138	248.676222	-46.686919	1888.79	2123.34
7	GUIDE	1091706216	9.04	22900	0.115	-0.061	0.076	0.123	248.520013	-47.617493	-1123.86	609.38

2.4 Star Slots

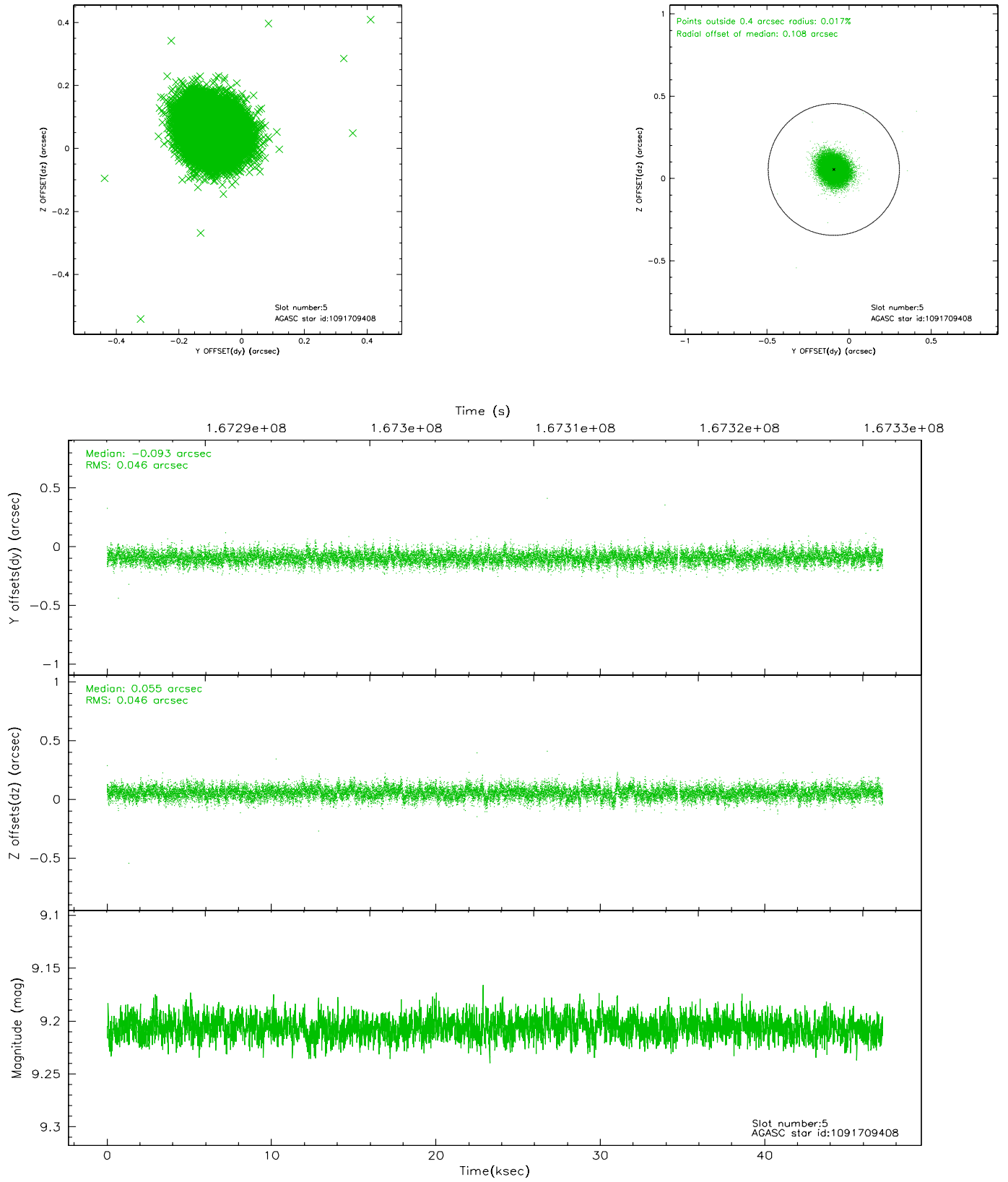
2.4.1 Slot 3



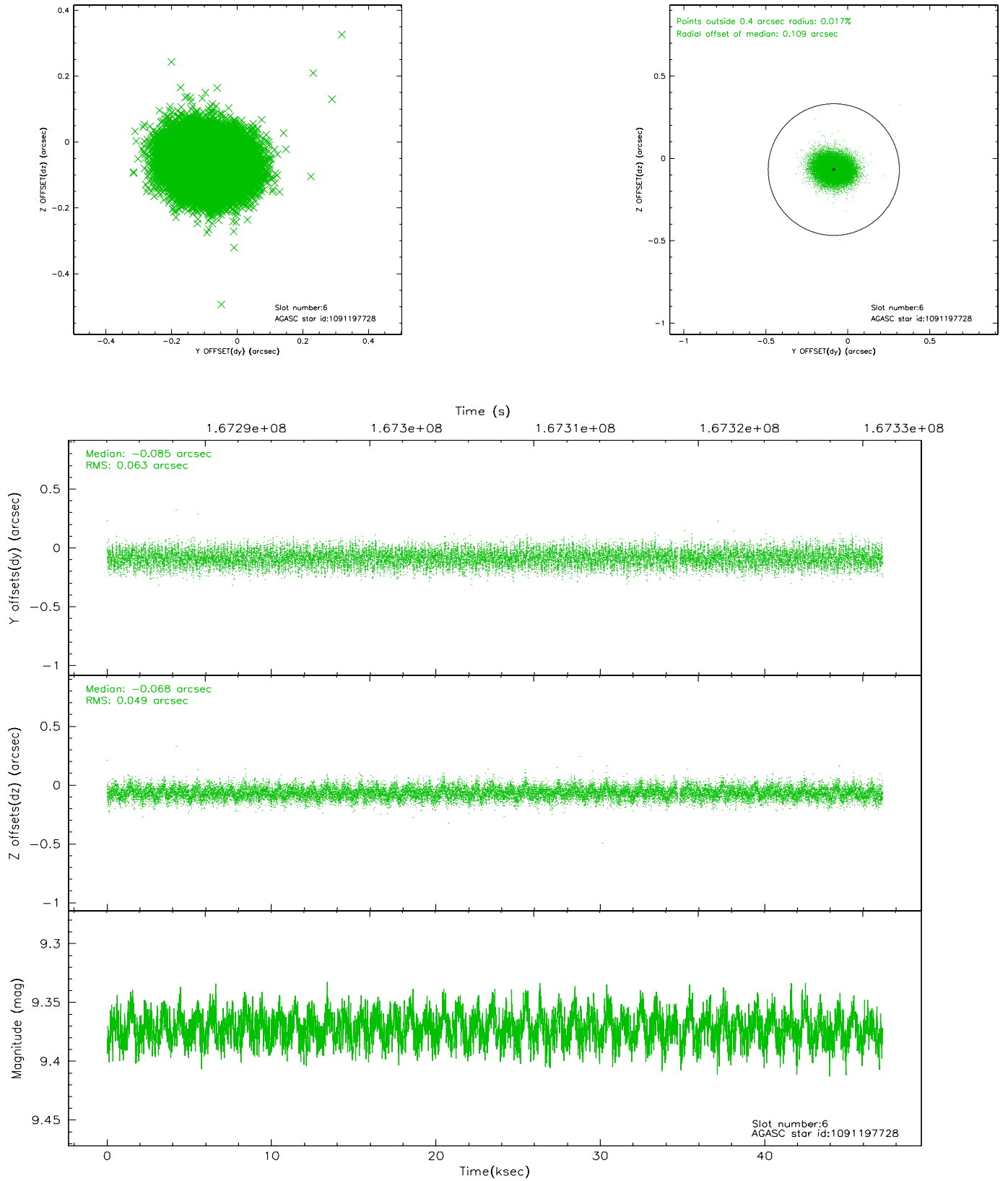
2.4.2 Slot 4



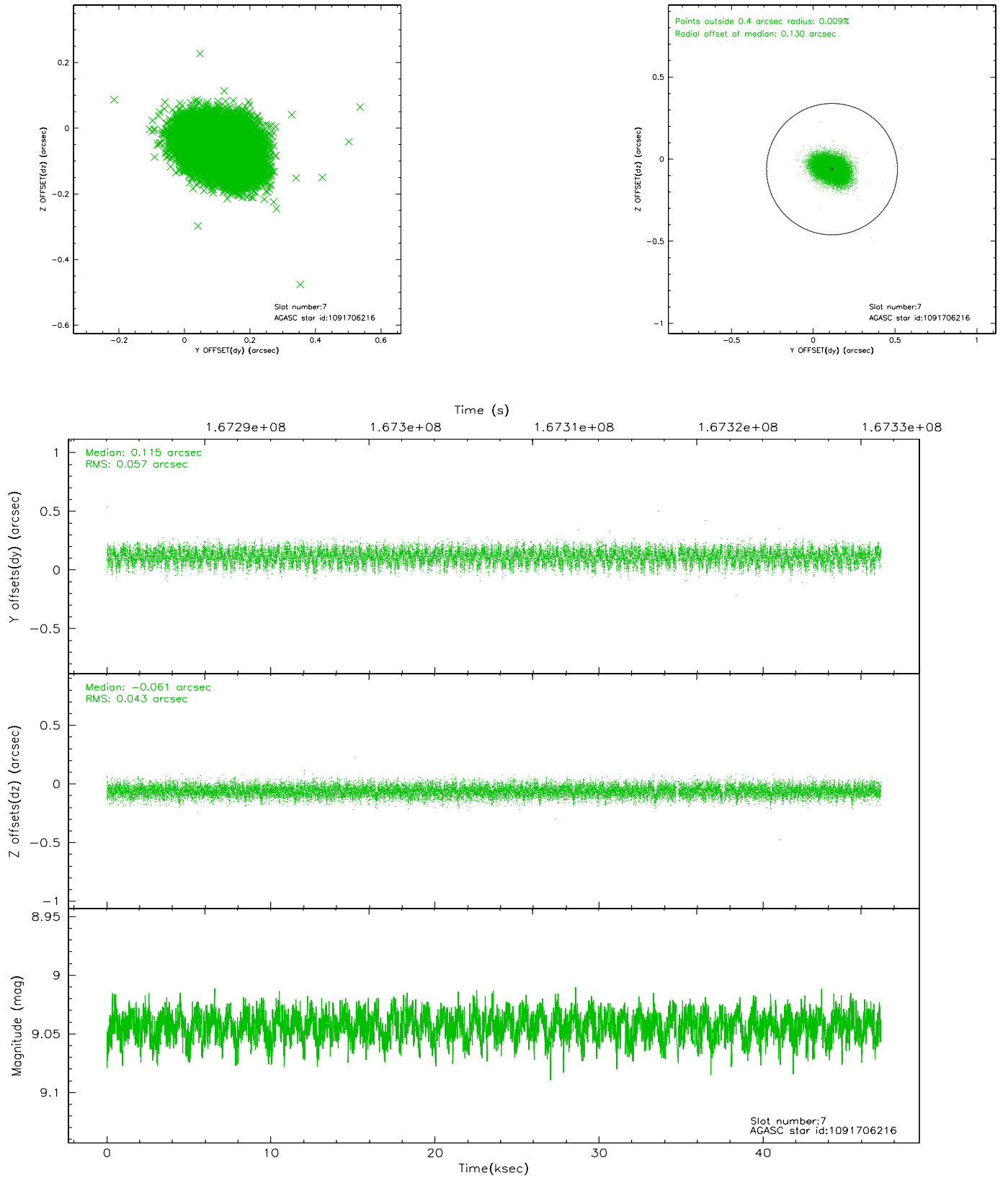
2.4.3 Slot 5



2.4.4 Slot 6

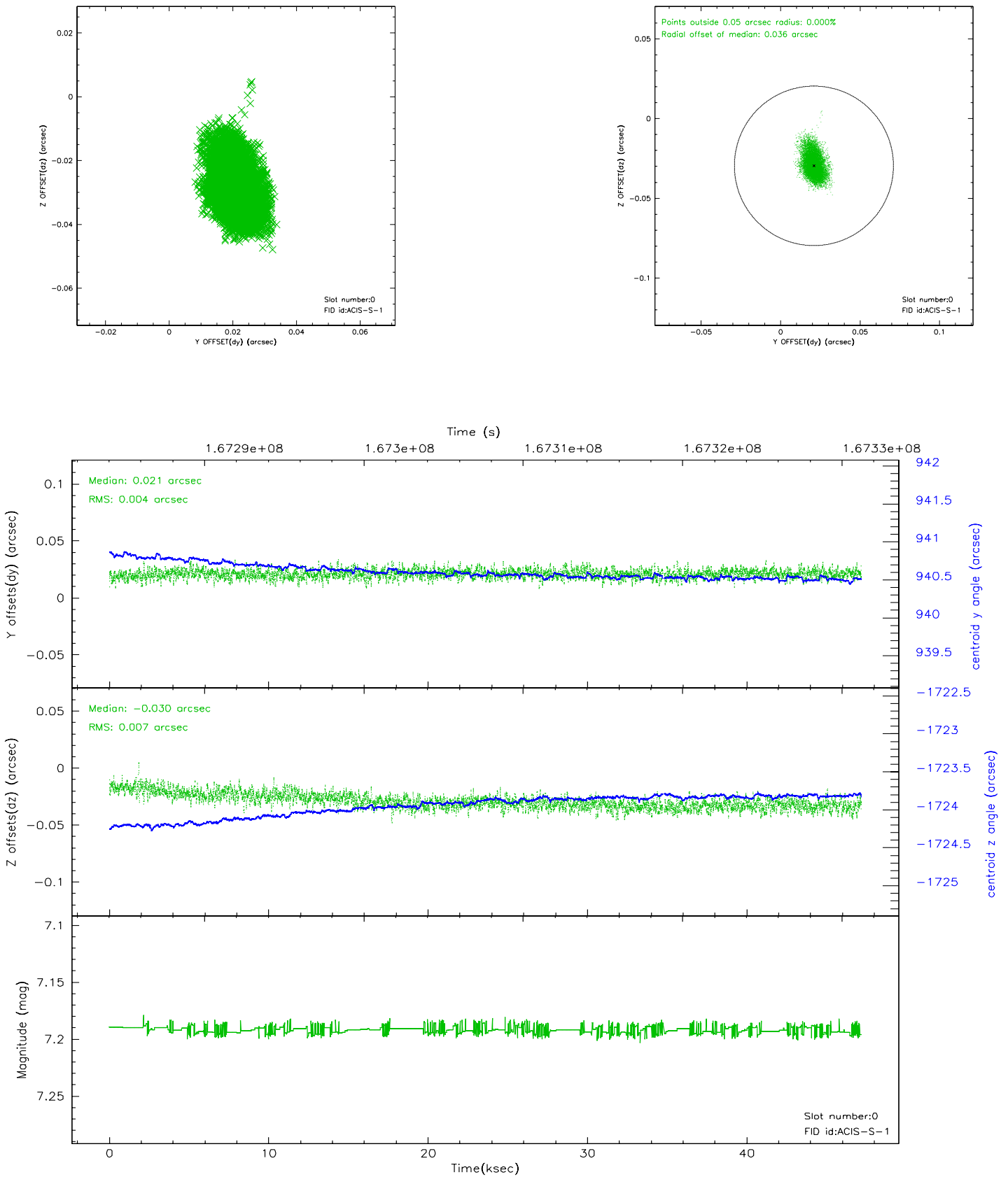


2.4.5 Slot 7

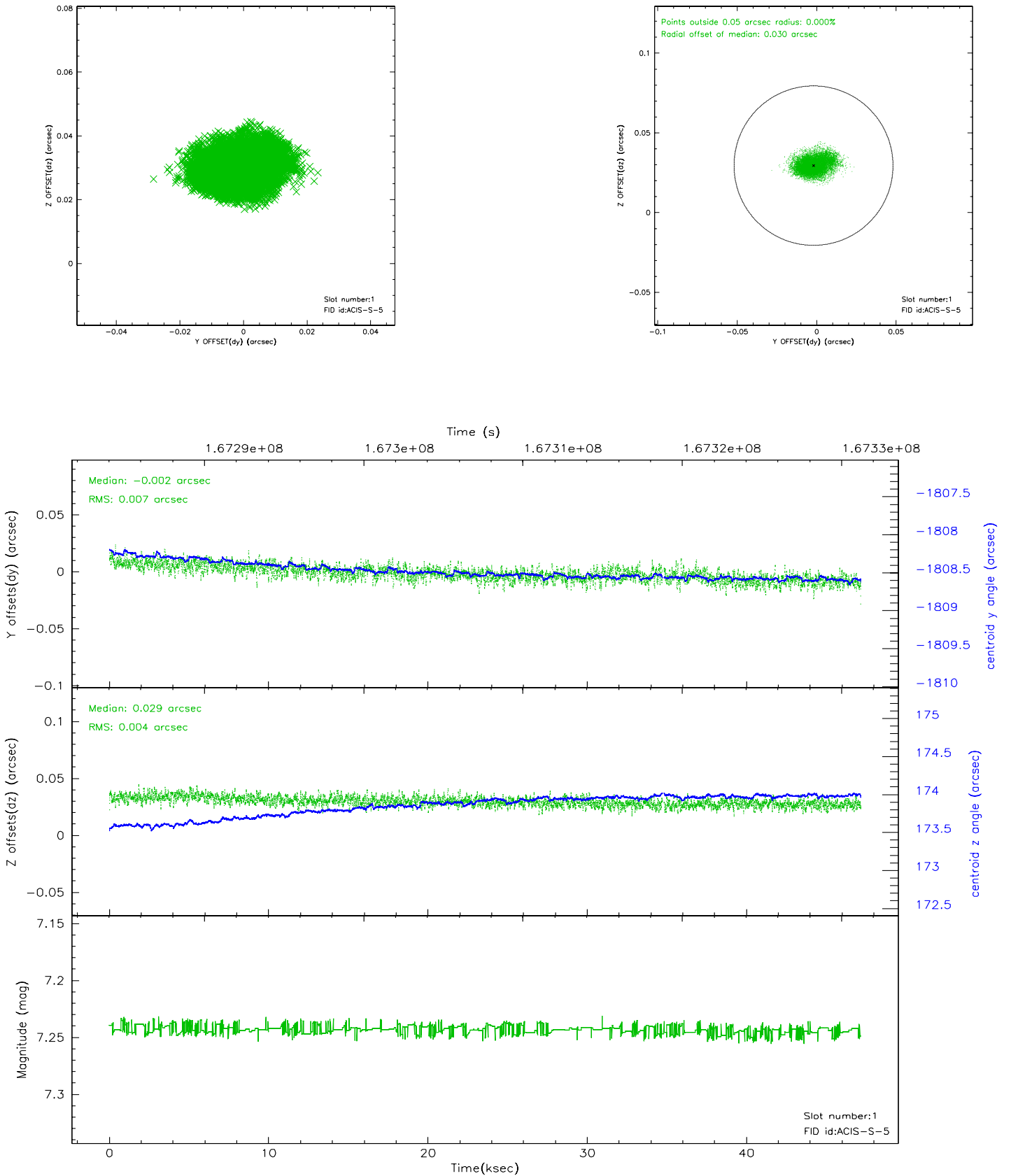


2.5 FID Slots

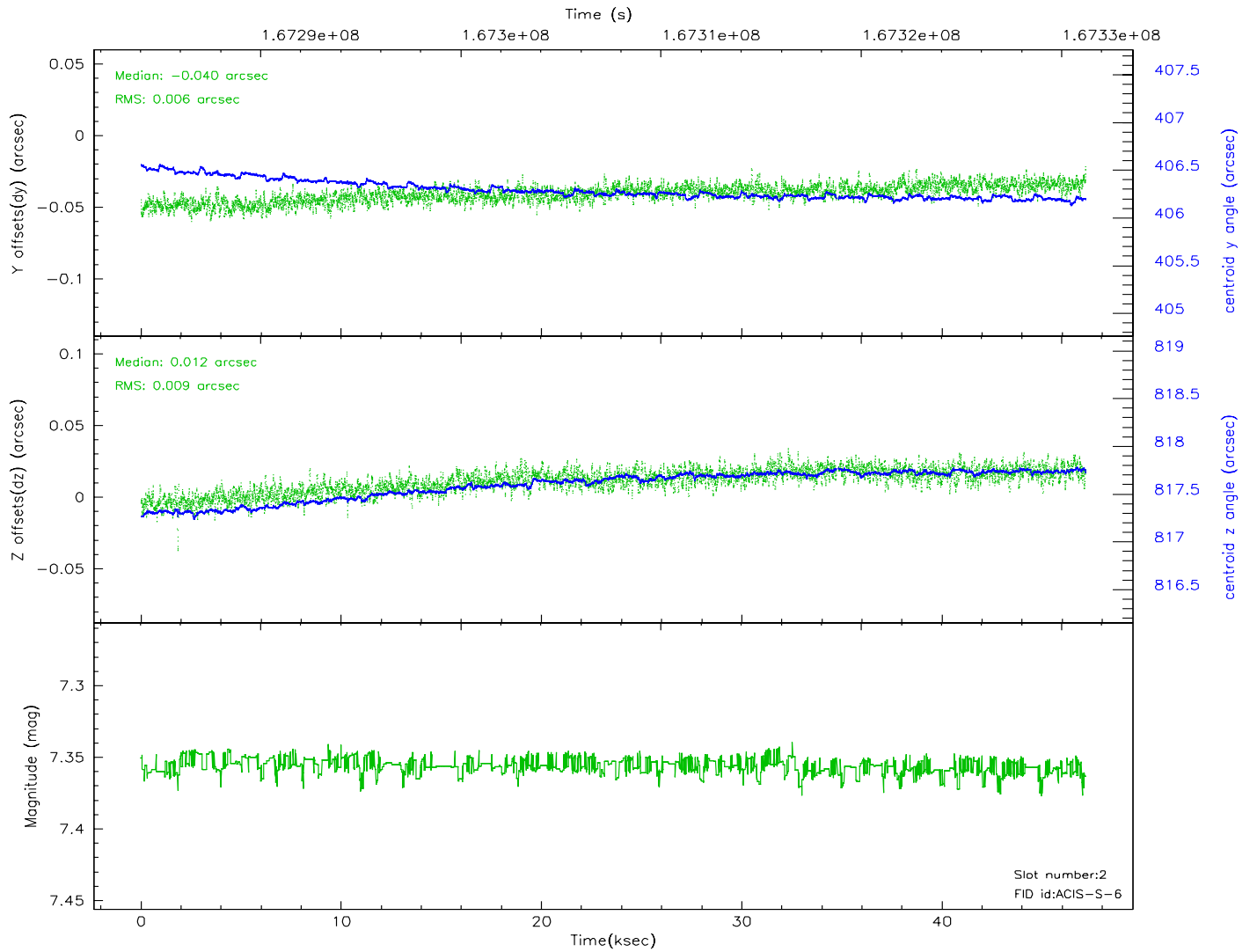
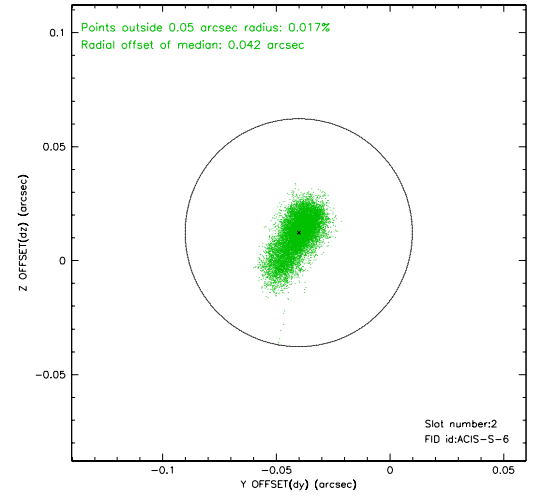
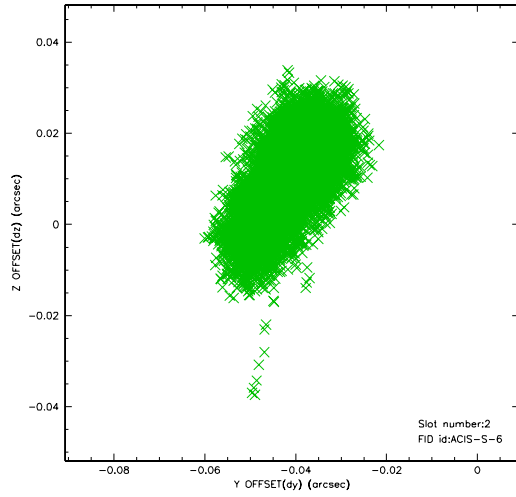
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.051

A.2 Comments