

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 651 - L2 Version 001
Chandra X-Ray Center

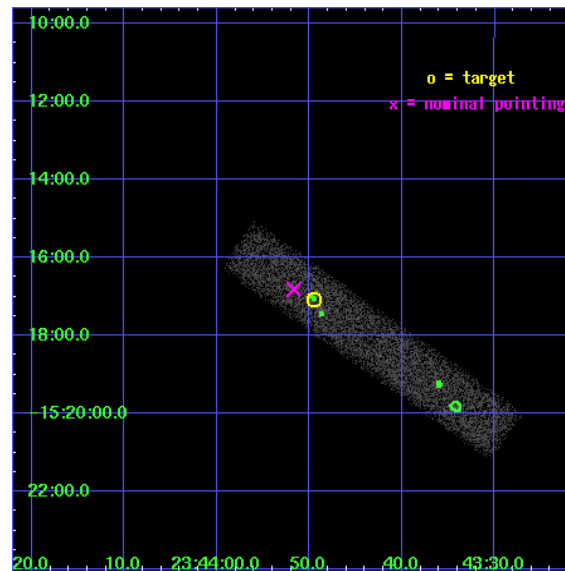
L2 Processing Date : Jun 6 2007

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1 Front

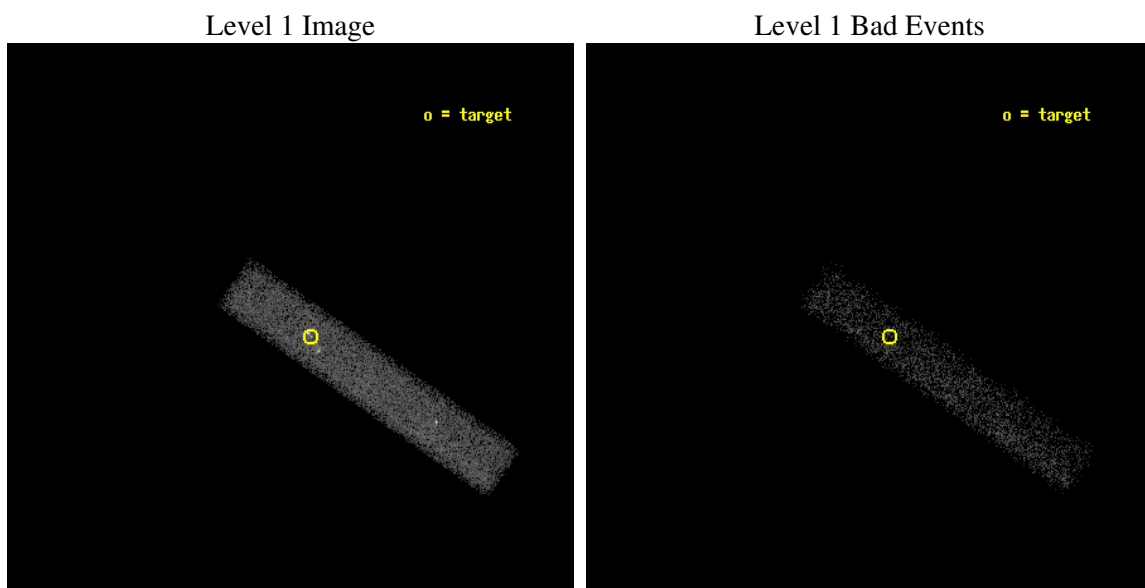
seq_num	300020
obs_id	651
title	THE X-RAY SPATIAL AND SPECTRAL STRUCTURE OF R AQUARI
observer	Dr. Edwin Kellogg
object	R AQUARI
dtcycle	0
cycle	P
ra_targ	355.956052
dec_targ	-15.284496
ra_nom	355.96540863138
dec_nom	-15.280367984387
roll_nom	34.980189873327
revision	2
ontime	24582.5
livetime	22717.821233181
ontime7	24582.5
l2events	14525



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-06T22:42:54
revision	2

sched_exp_time	24401.953000
ontime	24582.5
ontime7	24582.5
l1events	31464

2.1.4 Events

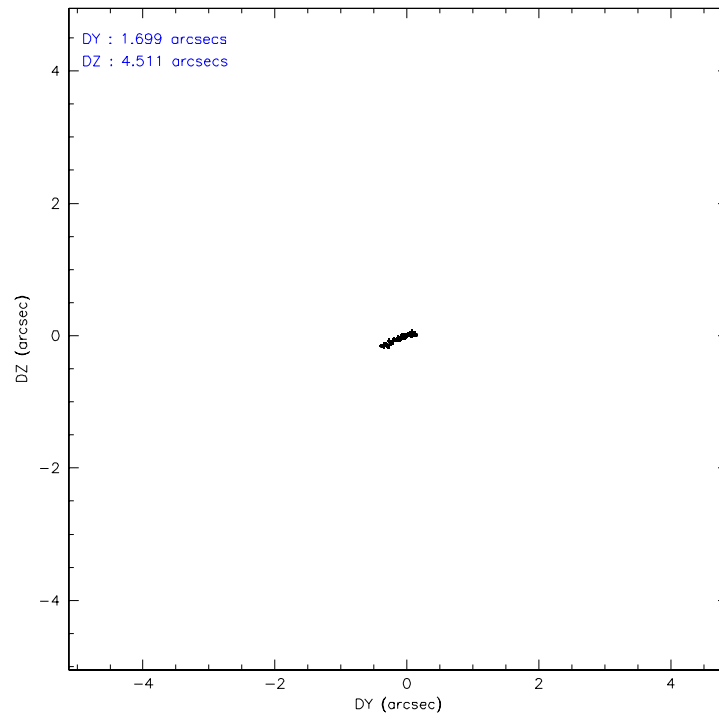
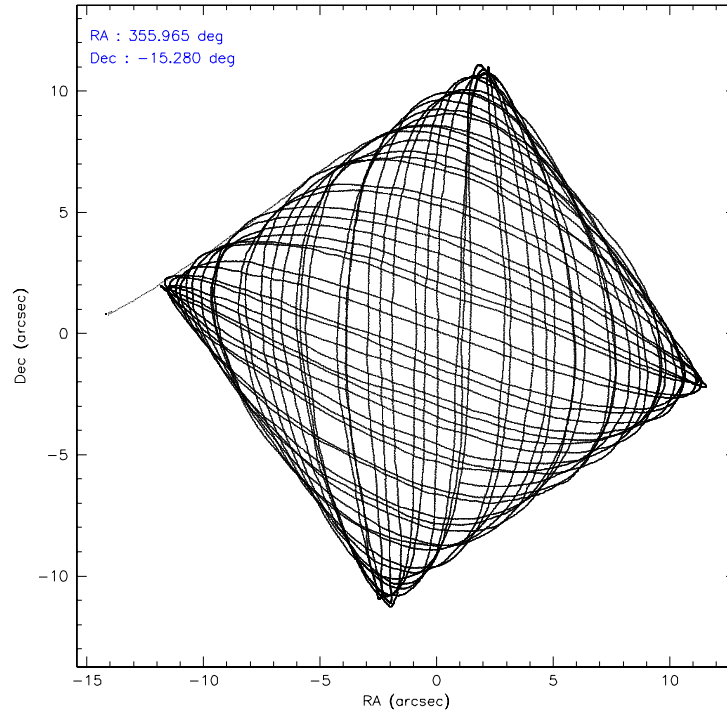
	ccd 7
level 1 events	31464
rejected events	16342
rejected %	51%

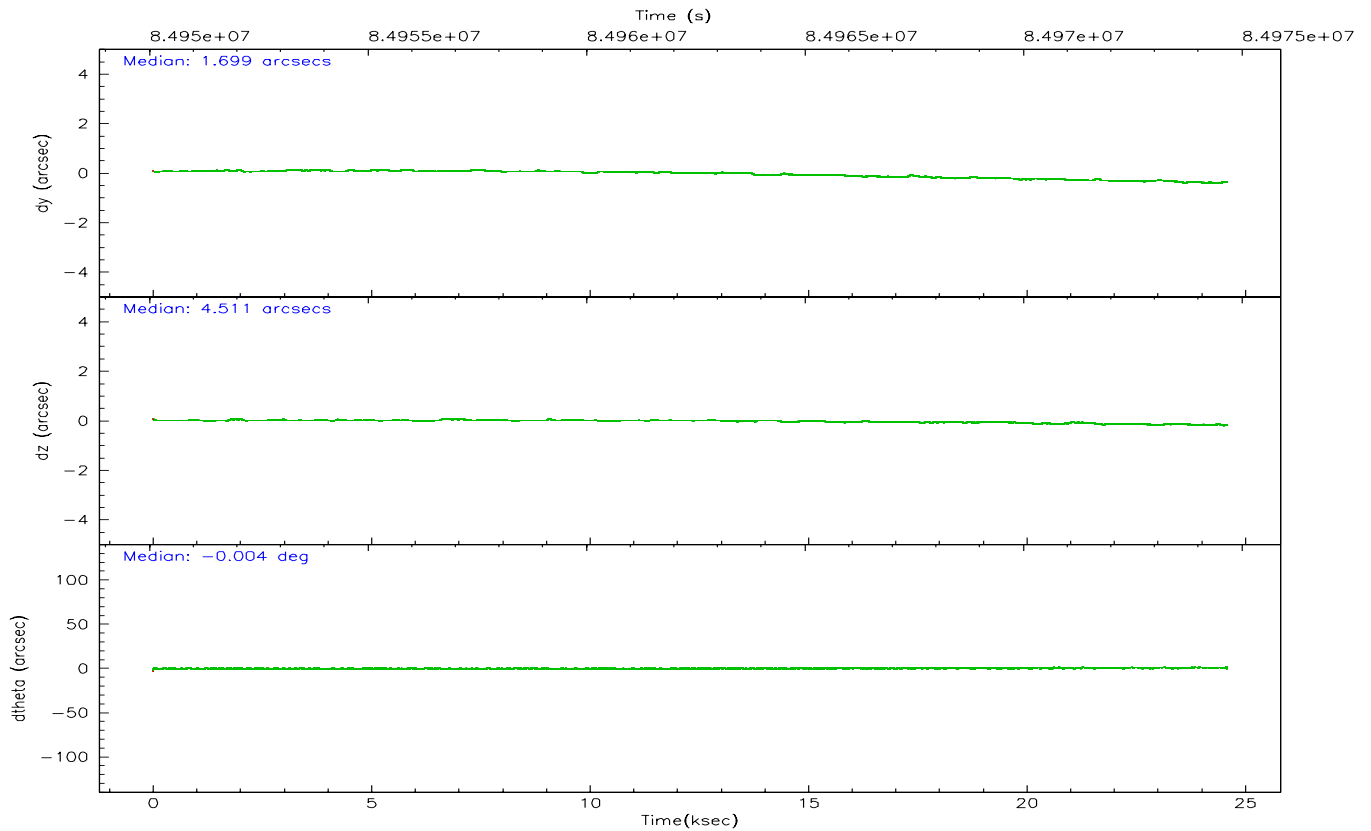
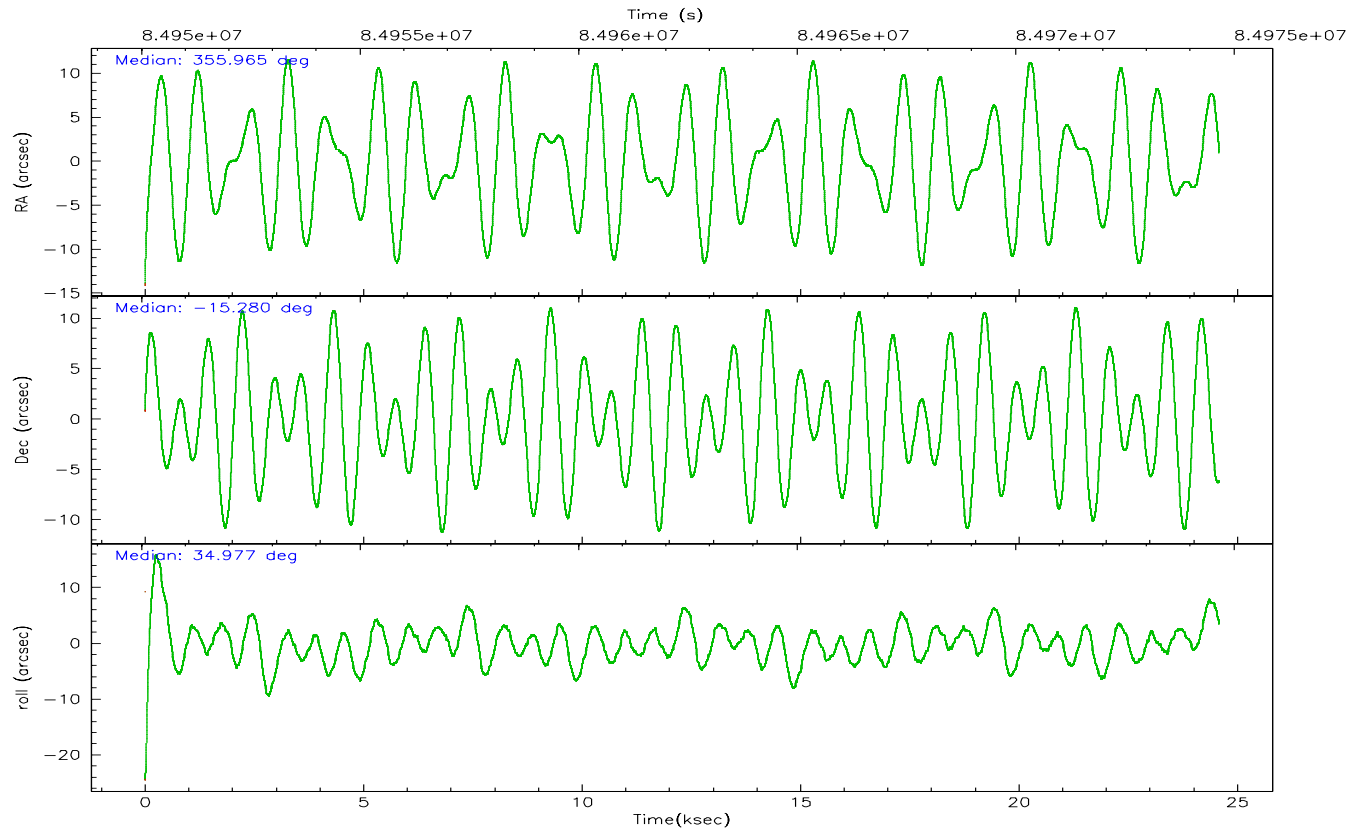
	ccd 7
grade 0 events	2398
	7%
grade 1 events	35
	0%
grade 2 events	2965
	9%
grade 3 events	1956
	6%
grade 4 events	1912
	6%
grade 5 events	2886
	9%
grade 6 events	6425
	20%
grade 7 events	12887
	40%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	355.953551	355.965408631376	Subarray requested	CUSTOM	CUSTOM
Pointing Dec	-15.305260	-15.28036798438712	Subarray start row	433	433
Pointing Roll	34.820443	34.98018987332694	Subarray row count	160	160
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.5
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	84950259.184000	84949180.568974			
Observation start date	2000-09-10T05:16:35	2000-09-10T04:59:40			
Observation end time	84974661.184000	84974975.207443			
Observation end date	2000-09-10T12:03:17	2000-09-10T12:09:35			
Read mode	TIMED	TIMED			

2.3 Aspect



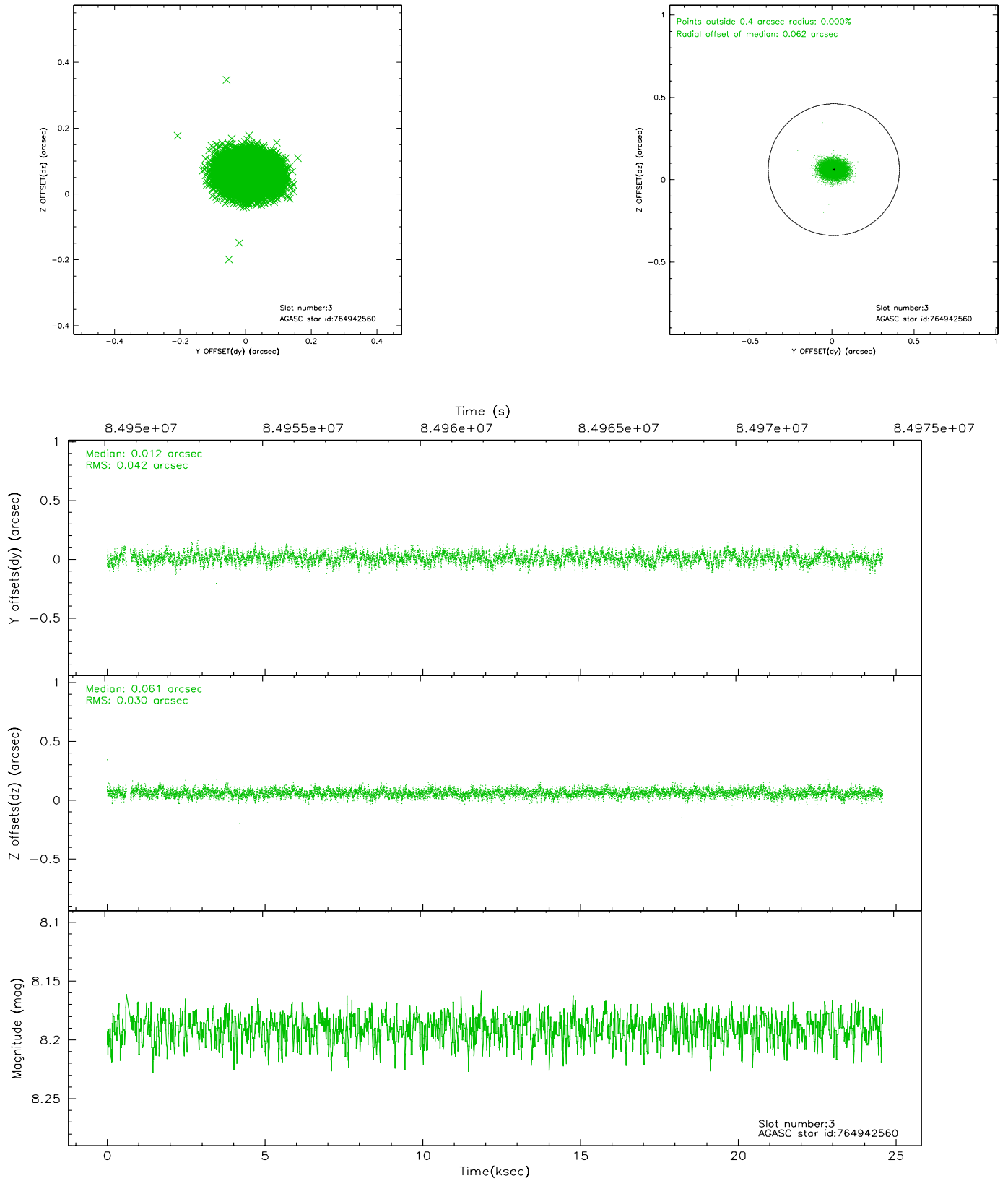


Slot Statistics

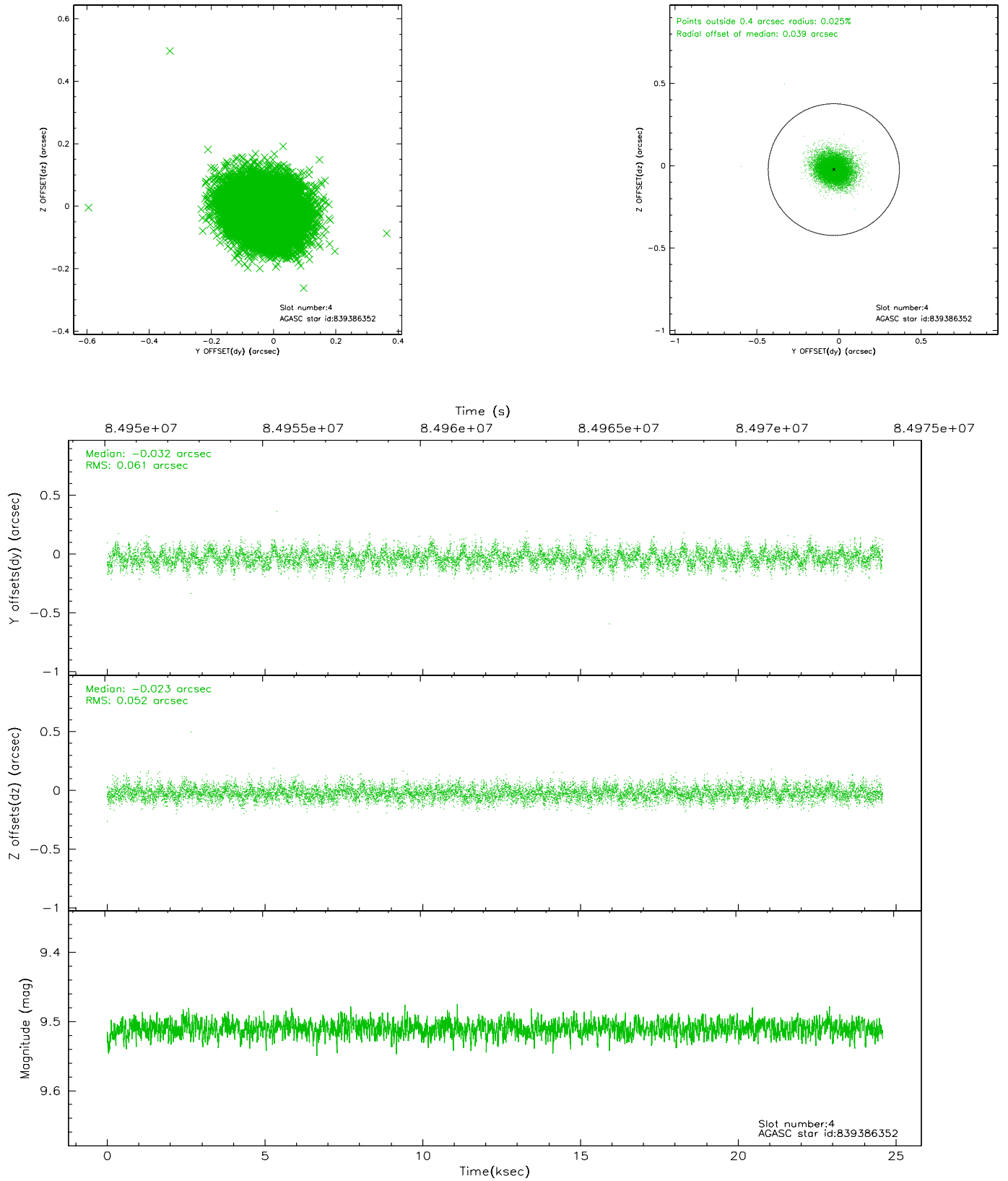
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	5997	-0.012	0.016	0.006	0.011	0.000000	0.000000	-754.27	-1725.46
1	FID	ACIS-S-4	7.21	5997	-0.059	0.001	0.005	0.008	0.000000	0.000000	2158.91	182.88
2	FID	ACIS-S-5	7.24	5997	0.040	-0.008	0.006	0.010	0.000000	0.000000	-1806.89	176.68
3	GUIDE	764942560	8.19	11923	0.012	0.061	0.055	0.089	356.119527	-14.420028	2294.97	2284.89
4	GUIDE	839386352	9.51	11986	-0.032	-0.023	0.085	0.139	355.395782	-15.624441	-2244.55	157.81
5	GUIDE	839386400	9.28	11988	-0.057	0.022	0.076	0.125	356.007432	-15.662506	-580.86	-1163.49
6	GUIDE	764942264	9.84	11978	0.071	-0.040	0.106	0.173	356.098614	-14.982946	1076.97	663.29
7	GUIDE	764943912	10.39	11978	0.002	-0.019	0.126	0.202	355.483162	-14.990840	-697.20	1860.78

2.4 Star Slots

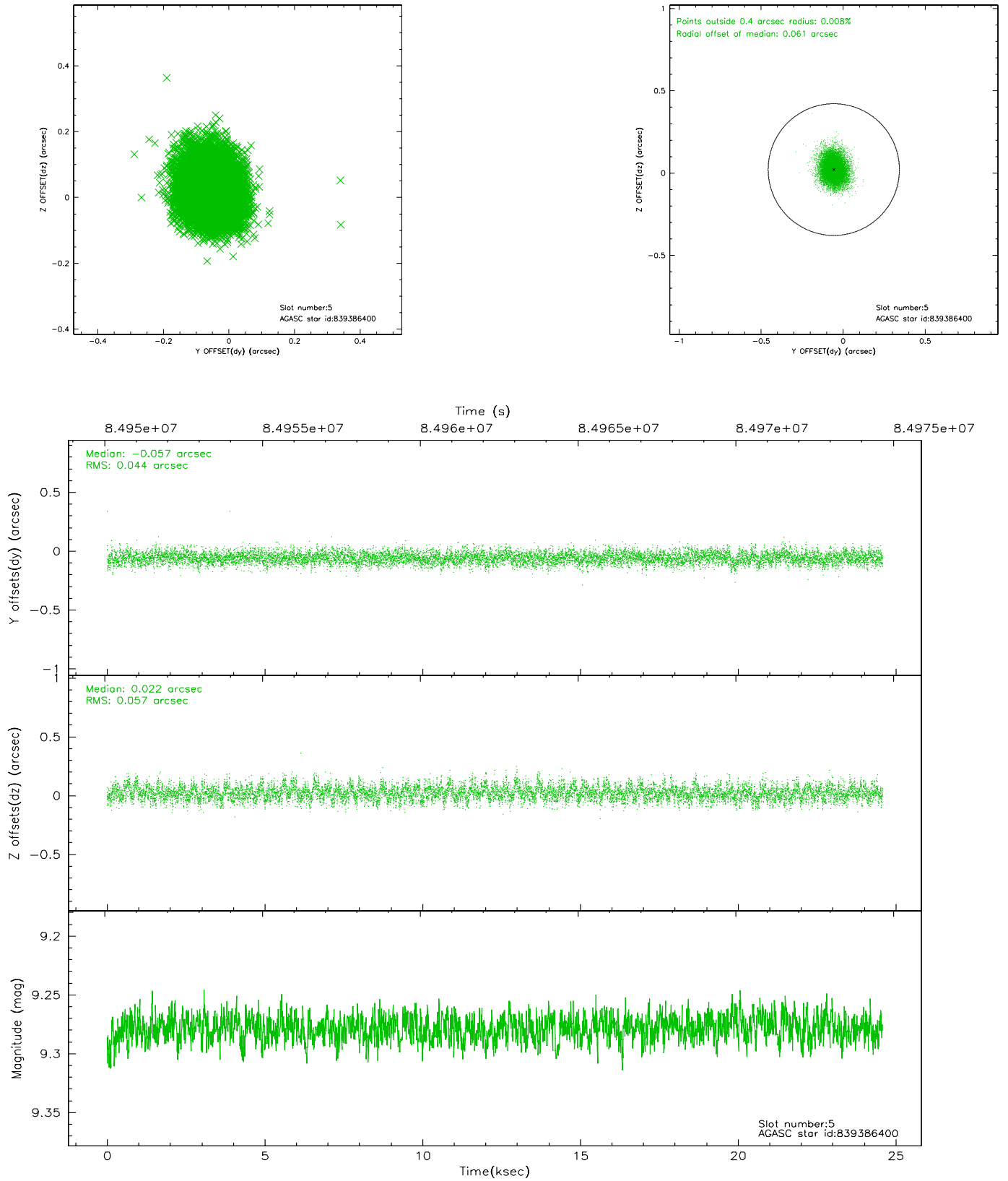
2.4.1 Slot 3



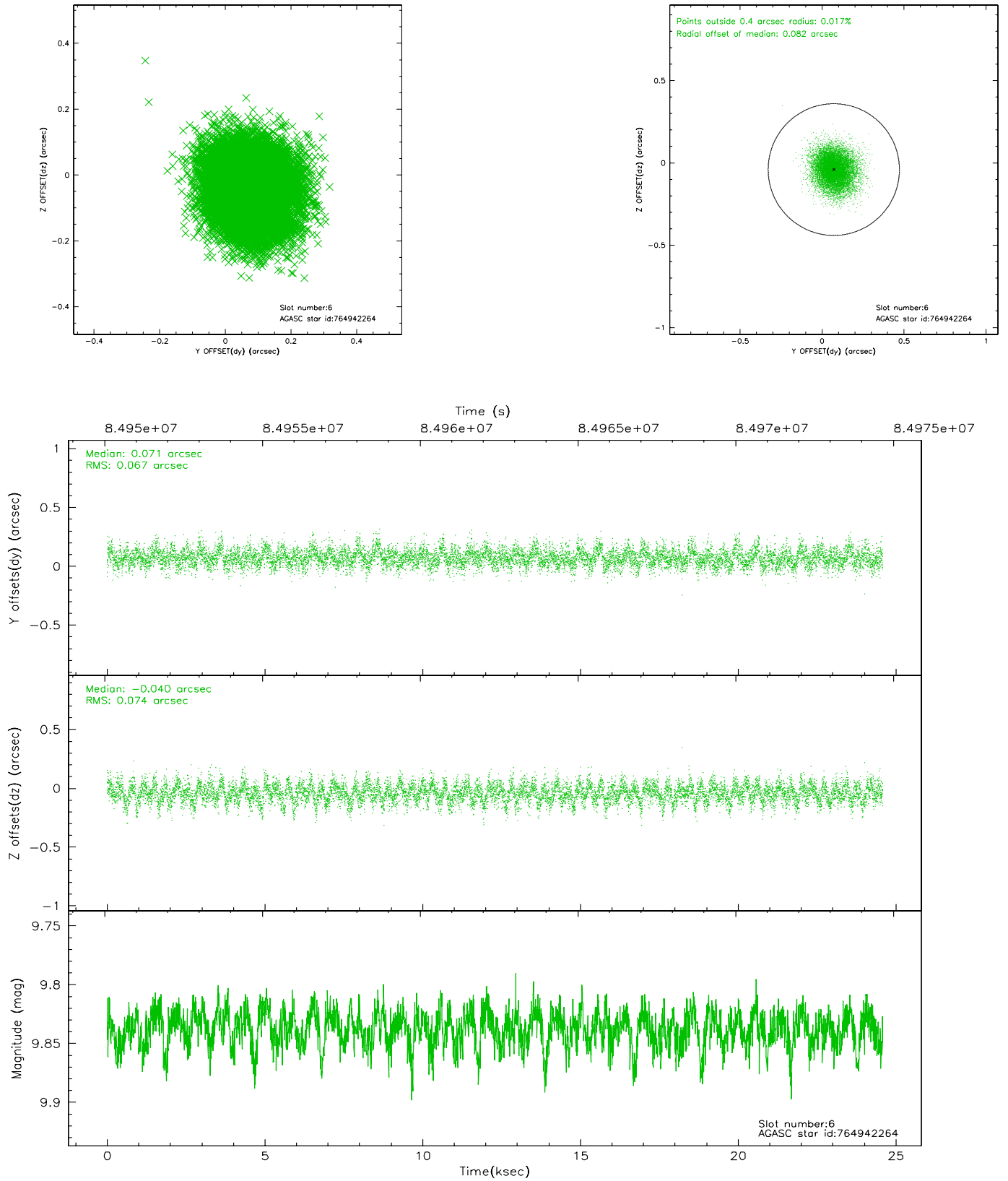
2.4.2 Slot 4



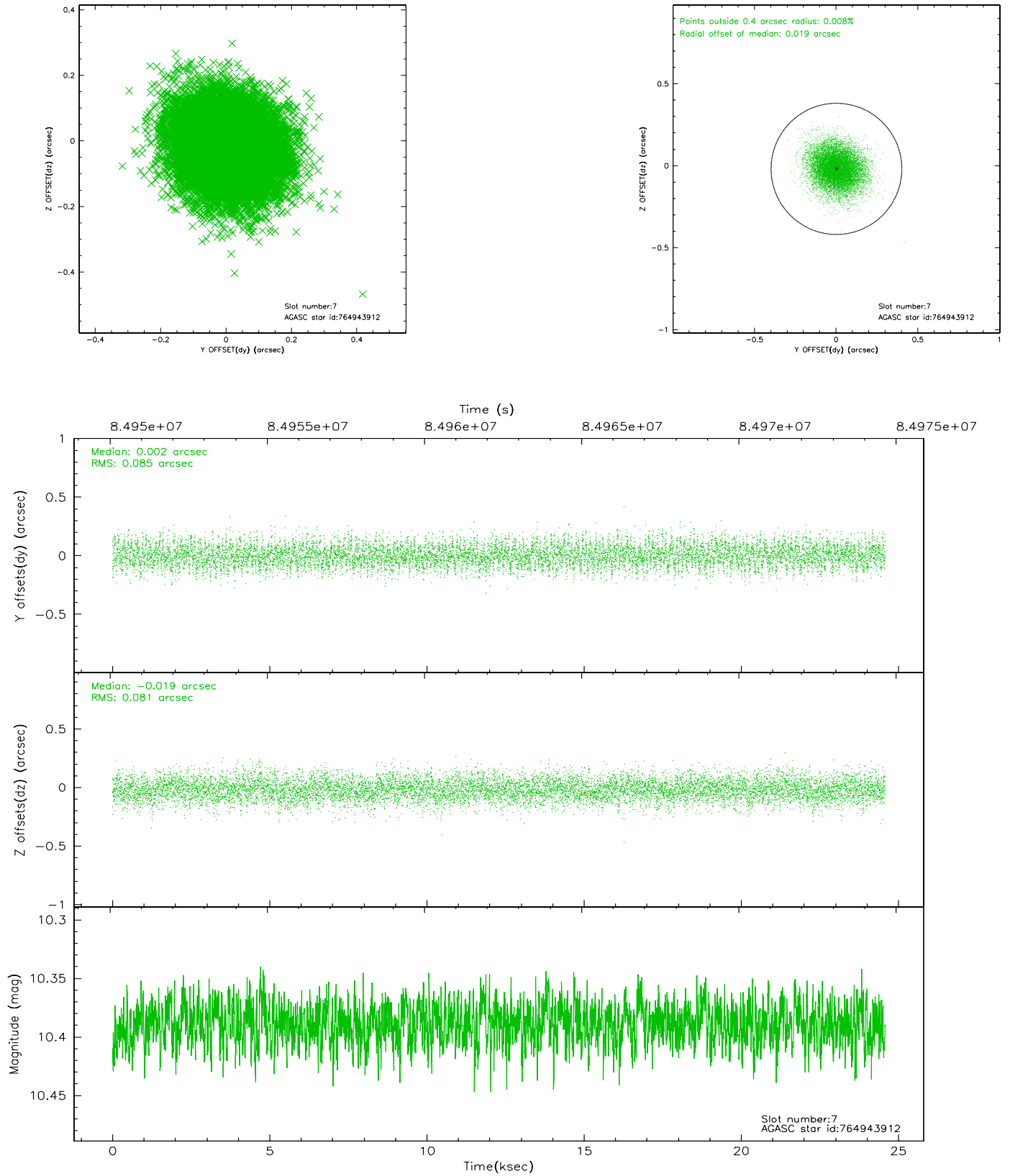
2.4.3 Slot 5



2.4.4 Slot 6

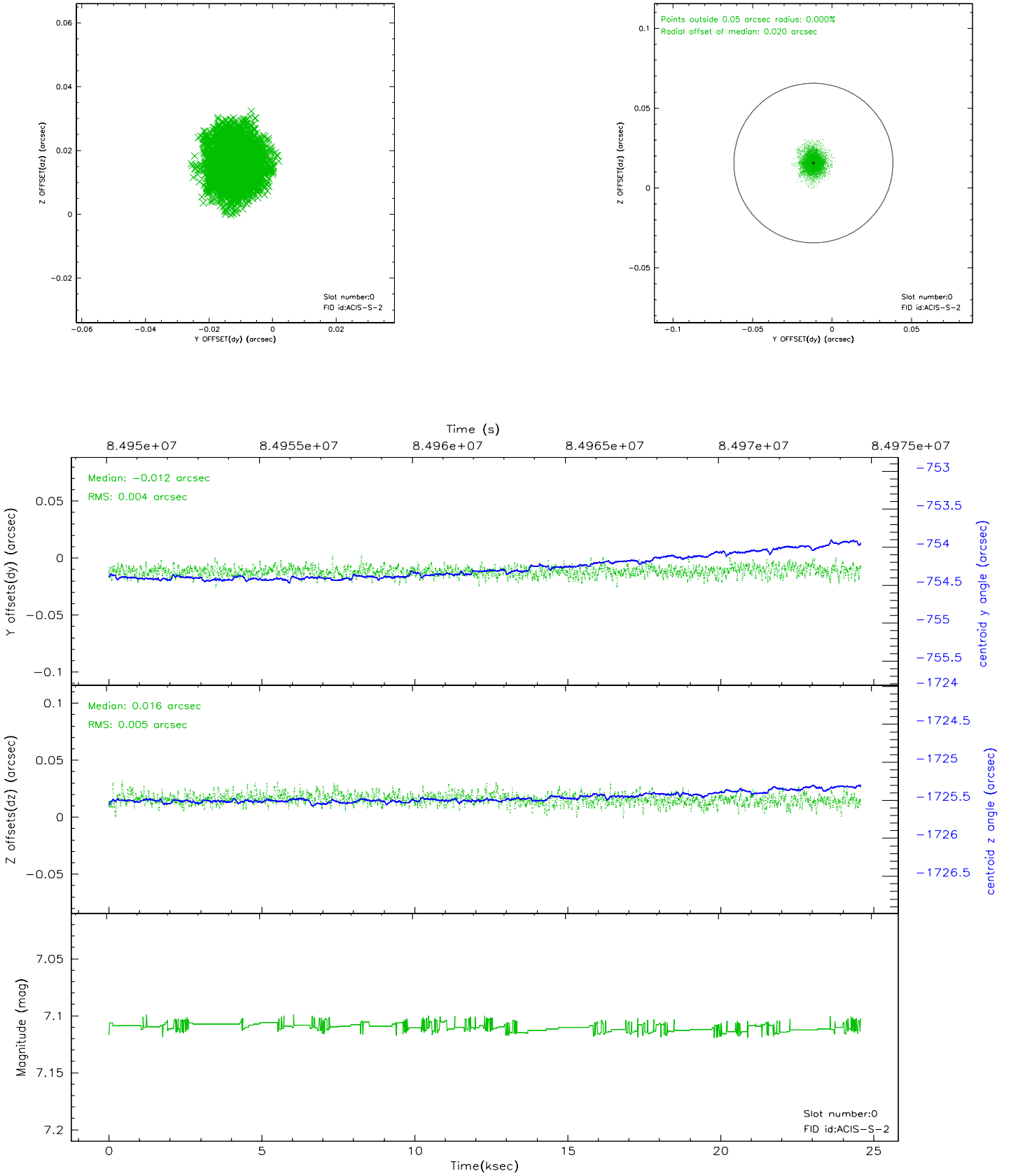


2.4.5 Slot 7

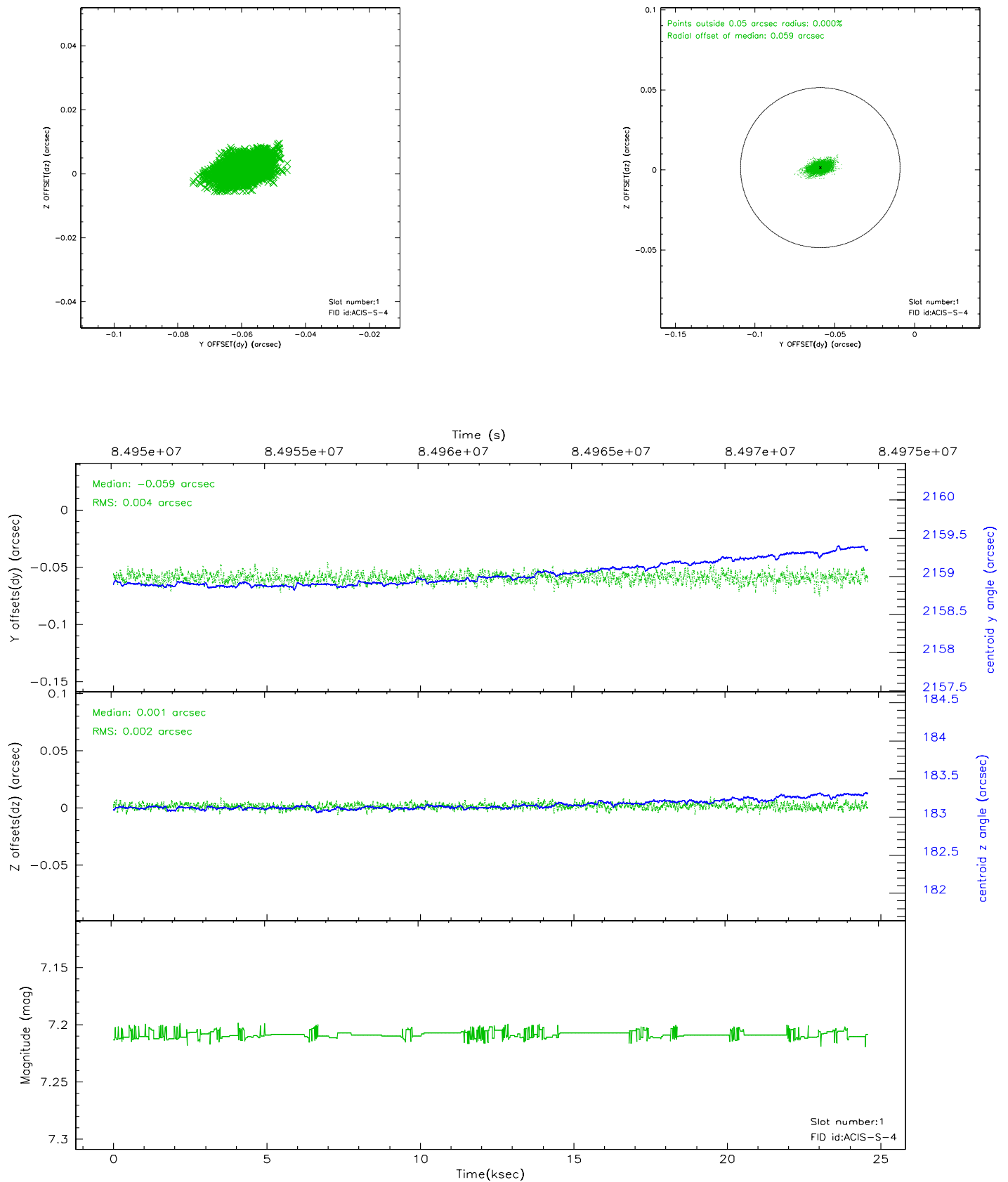


2.5 FID Slots

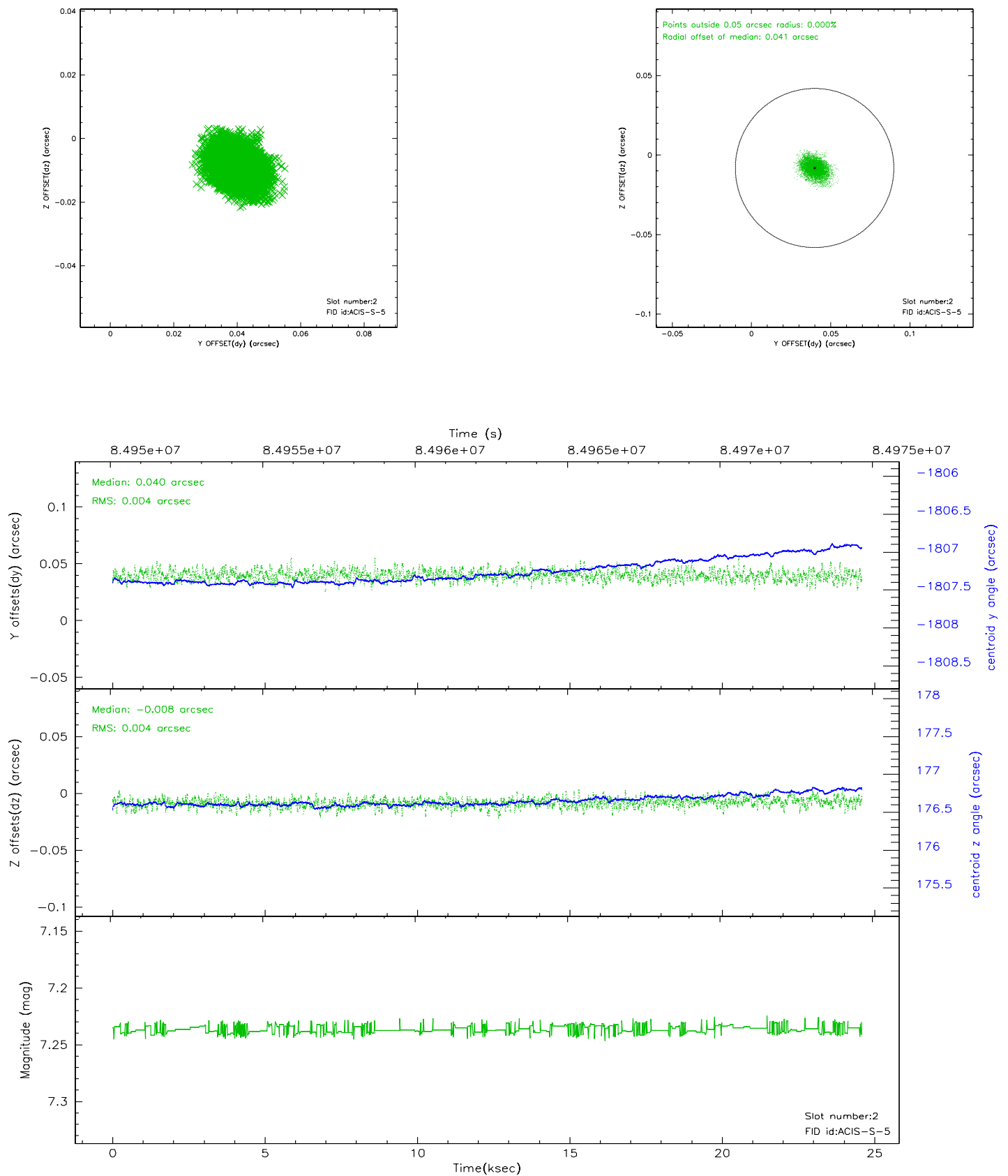
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

4.51 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.582

A.2 Comments