

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3970 - L2 Version 001
Chandra X-Ray Center

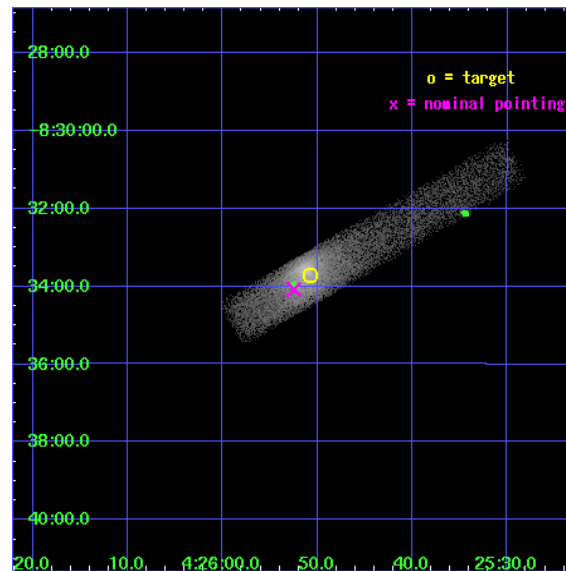
L2 Processing Date : Oct 15 2006

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1 Front

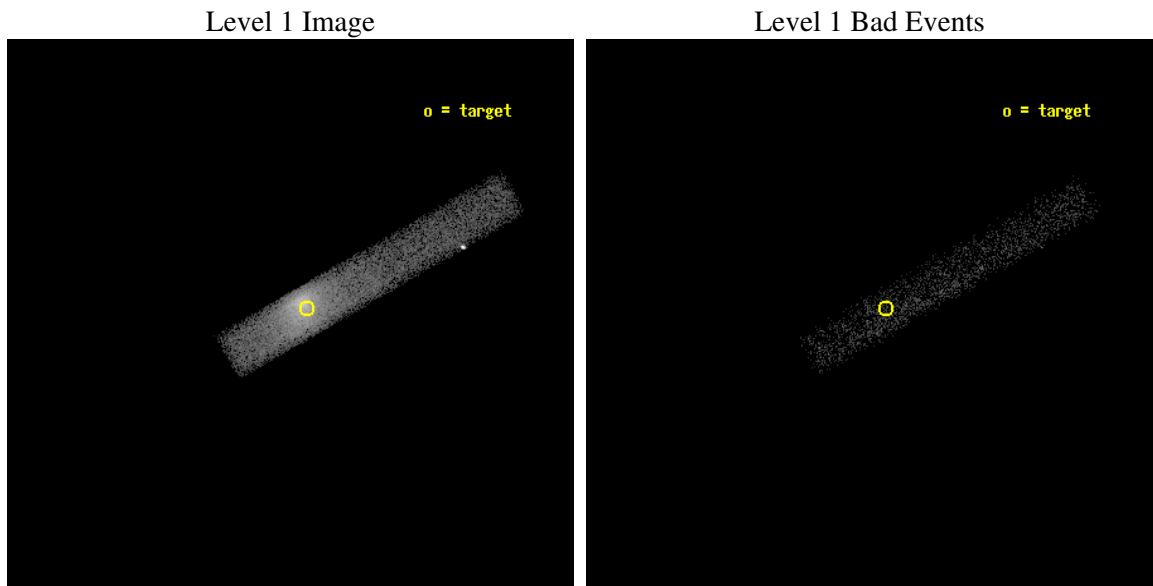
seq_num	700649
obs_id	3970
title	STRUCTURES AND SPECTRA OF EXTENDED EMISSION REGIONS IN THREE BL LAC OBJECTS
observer	Prof Mark Birkinshaw
object	EXO 0423.4-0840
dtcycle	0
cycle	P
ra_targ	66.46125
dec_targ	-8.561944
ra_nom	66.46875312342
dec_nom	-8.5680940772415
roll_nom	330.25822033473
revision	2
ontime	15746.000234634
livetime	14280.791070772
ontime7	15746.000234634
l2events	32657



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-15T03:33:32
revision	2

sched_exp_time	14888.000000
ontime	15747.17675674
ontime7	15747.17675674
l1events	42942

2.1.4 Events

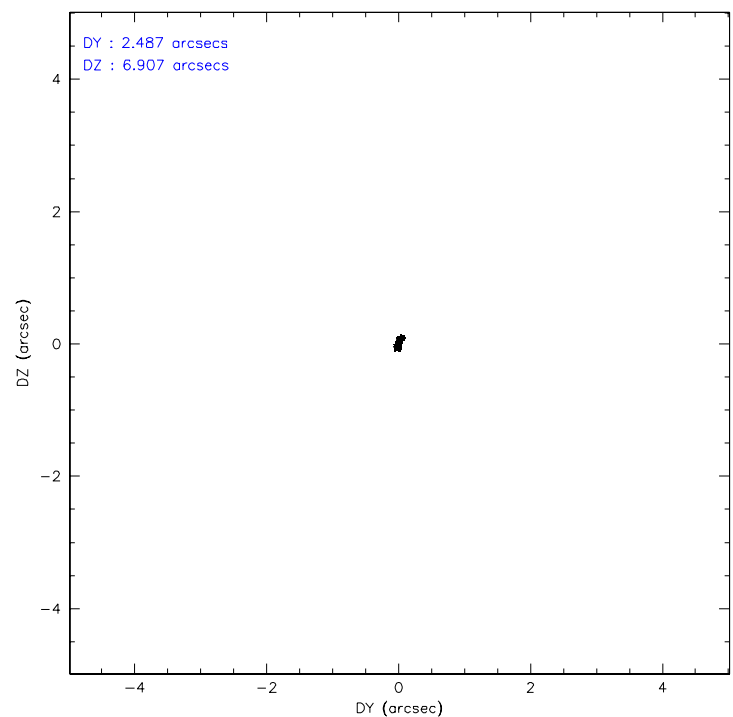
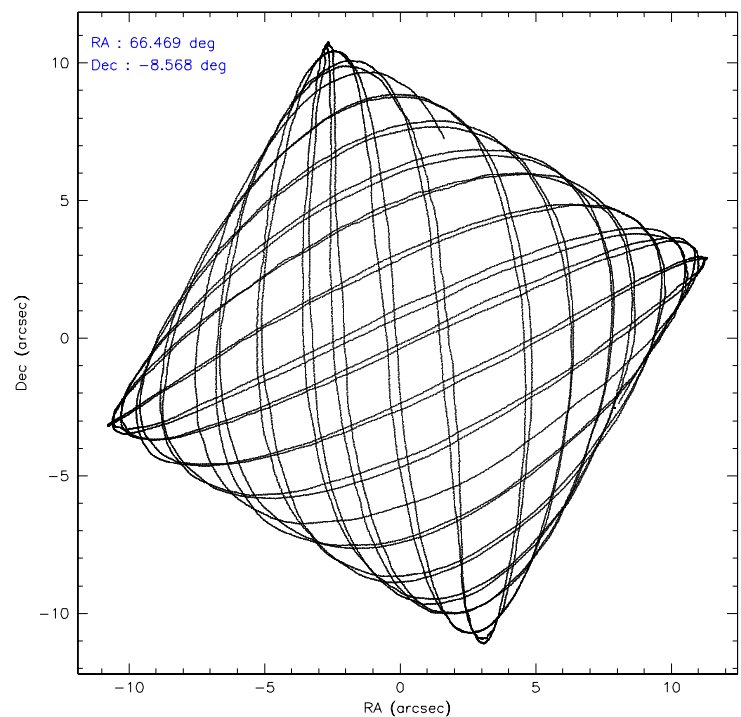
	ccd 7
level 1 events	42942
rejected events	9607
rejected %	22%

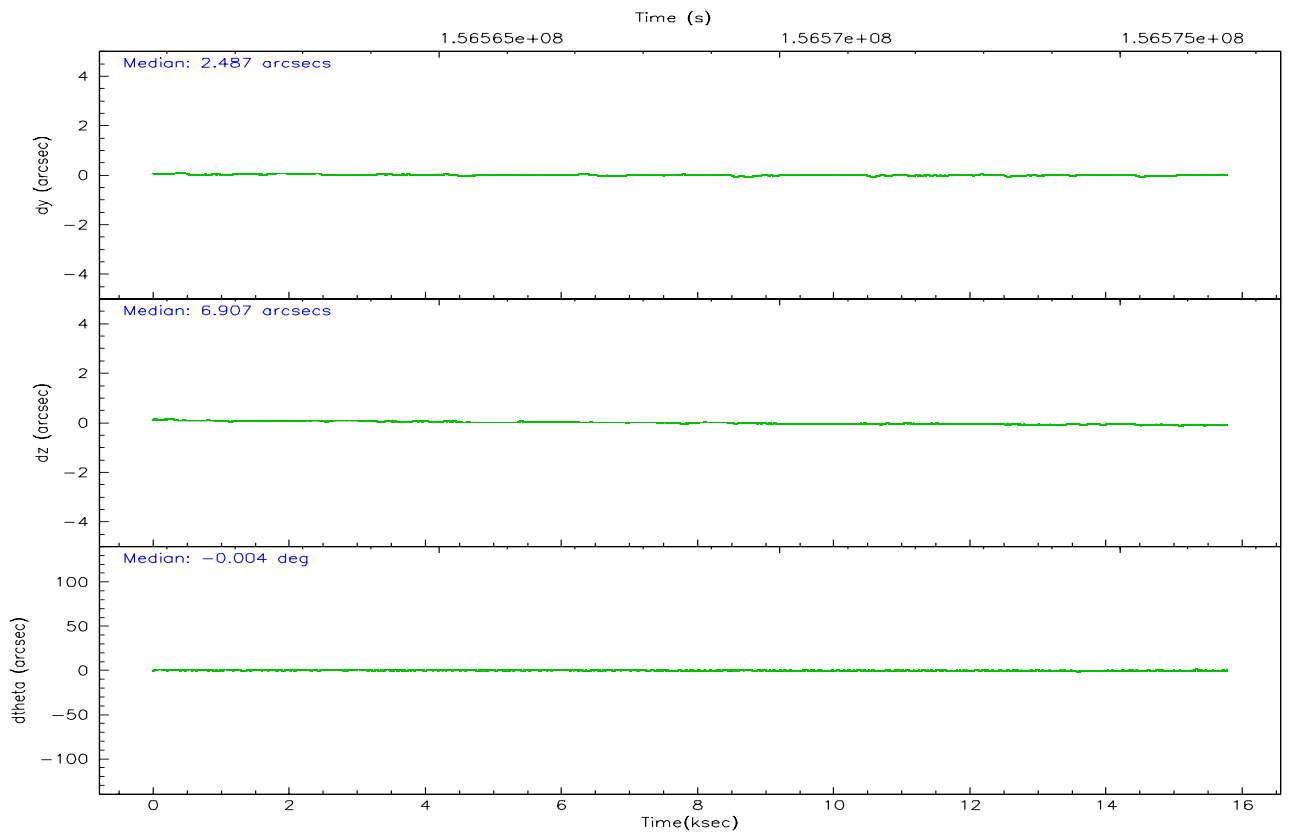
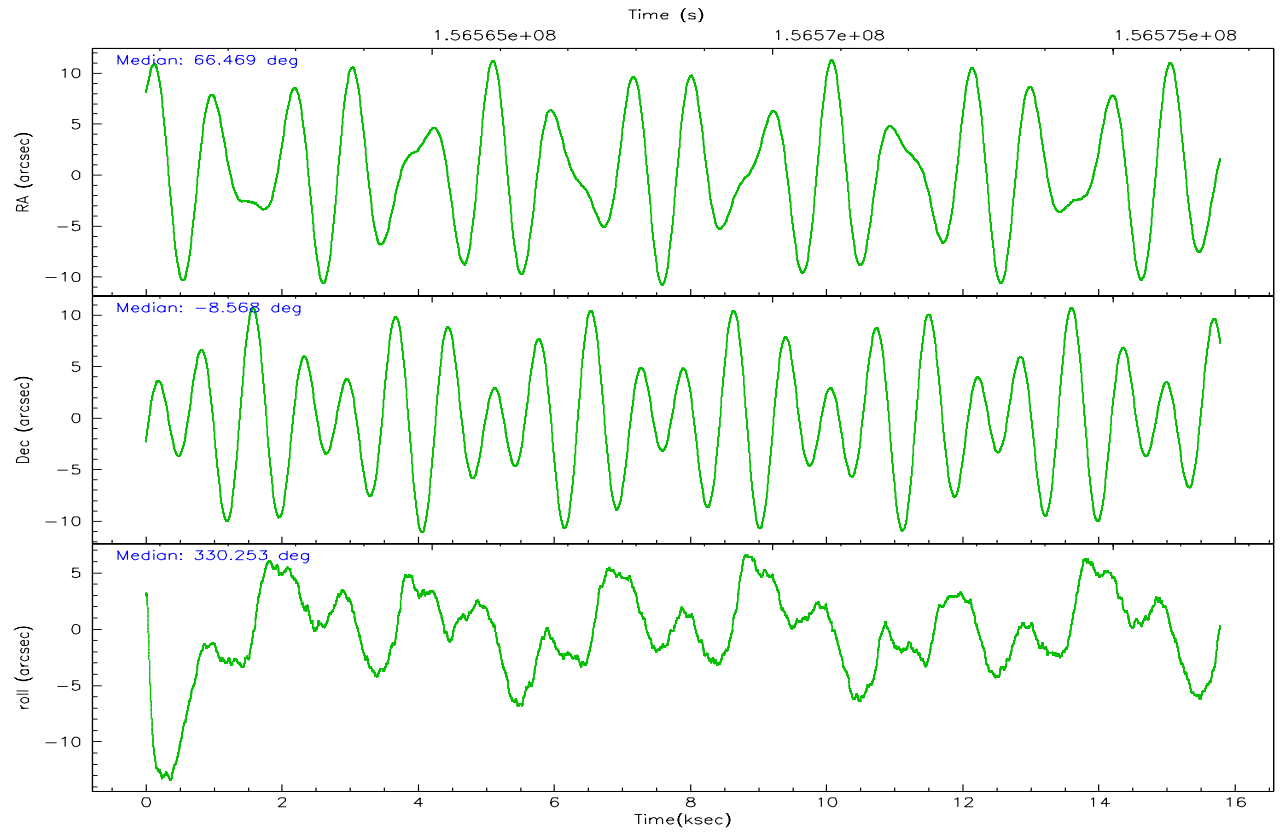
	ccd 7
grade 0 events	8013
	18%
grade 1 events	18
	0%
grade 2 events	8892
	20%
grade 3 events	3776
	8%
grade 4 events	3759
	8%
grade 5 events	1380
	3%
grade 6 events	8897
	20%
grade 7 events	8207
	19%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	66.441224	66.46875312342044	Subarray requested	1/8	1/8
Pointing Dec	-8.568635	-8.568094077241502	Subarray start row	0	449
Pointing Roll	330.097489	330.2582203347255	Subarray row count	1024	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	156561692.184000	156560374.3294			
Observation start date	2002-12-18T01:20:28	2002-12-18T00:59:34			
Observation end time	156576580.184000	156577678.38013			
Observation end date	2002-12-18T05:28:36	2002-12-18T05:47:58			
Read mode	TIMED	TIMED			

2.3 Aspect



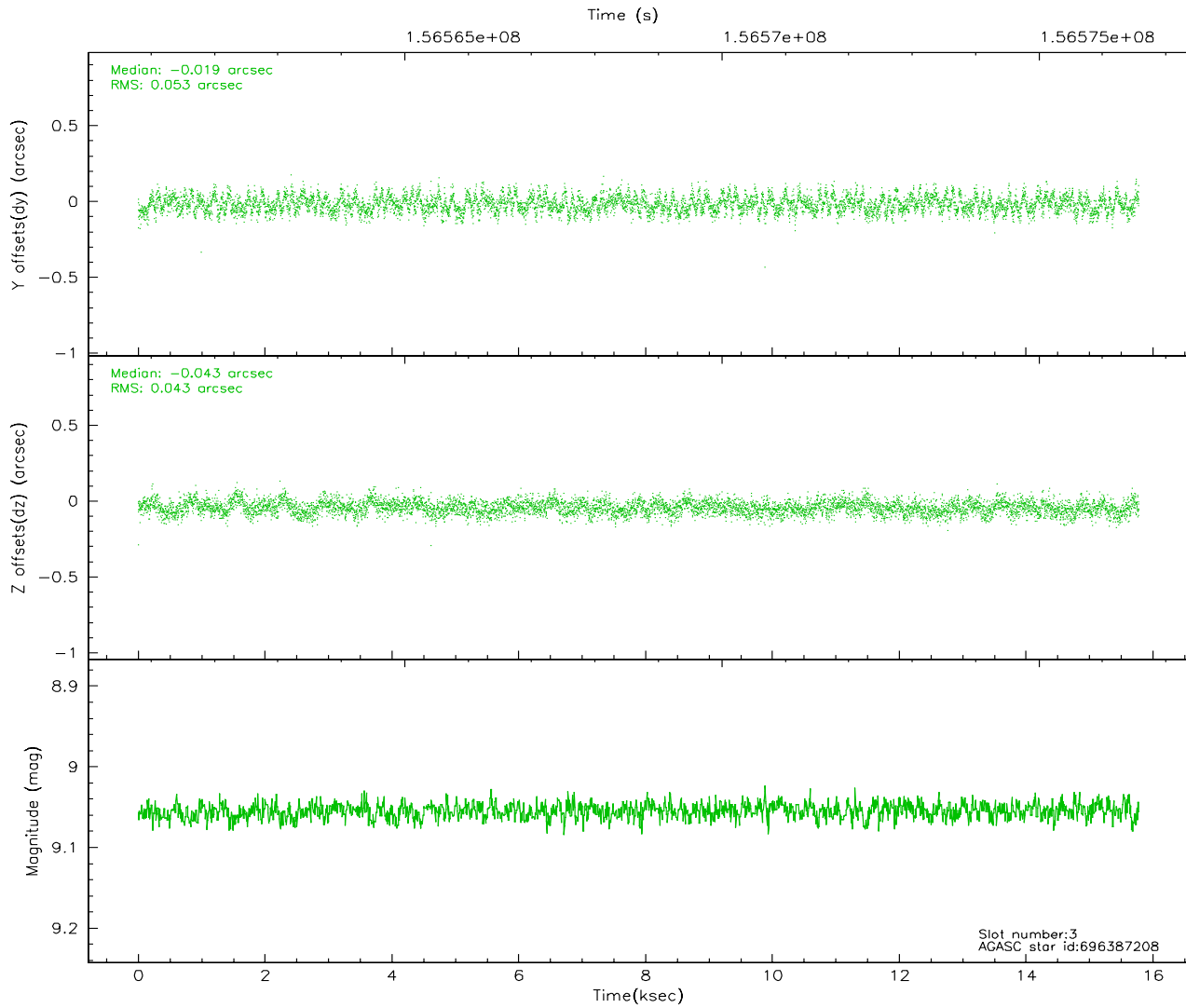
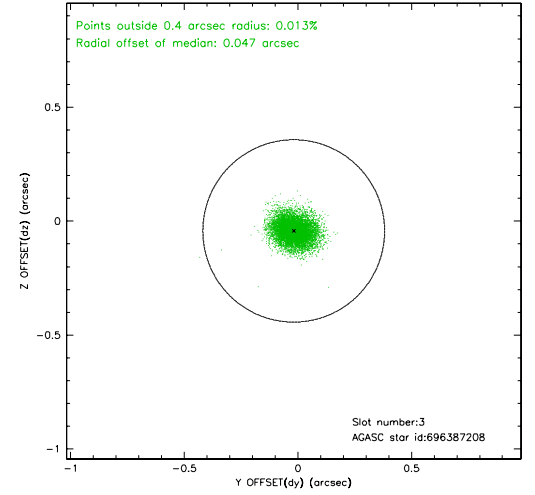
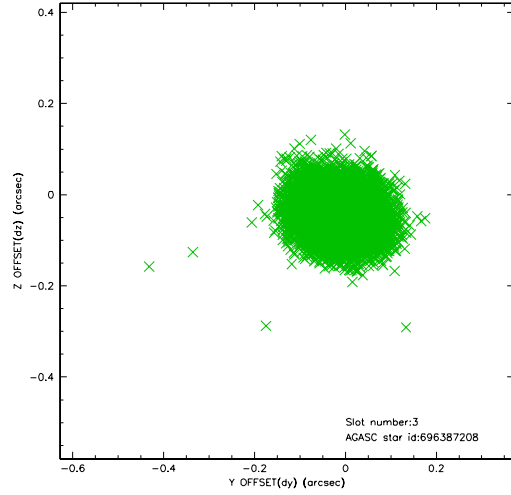


Slot Statistics

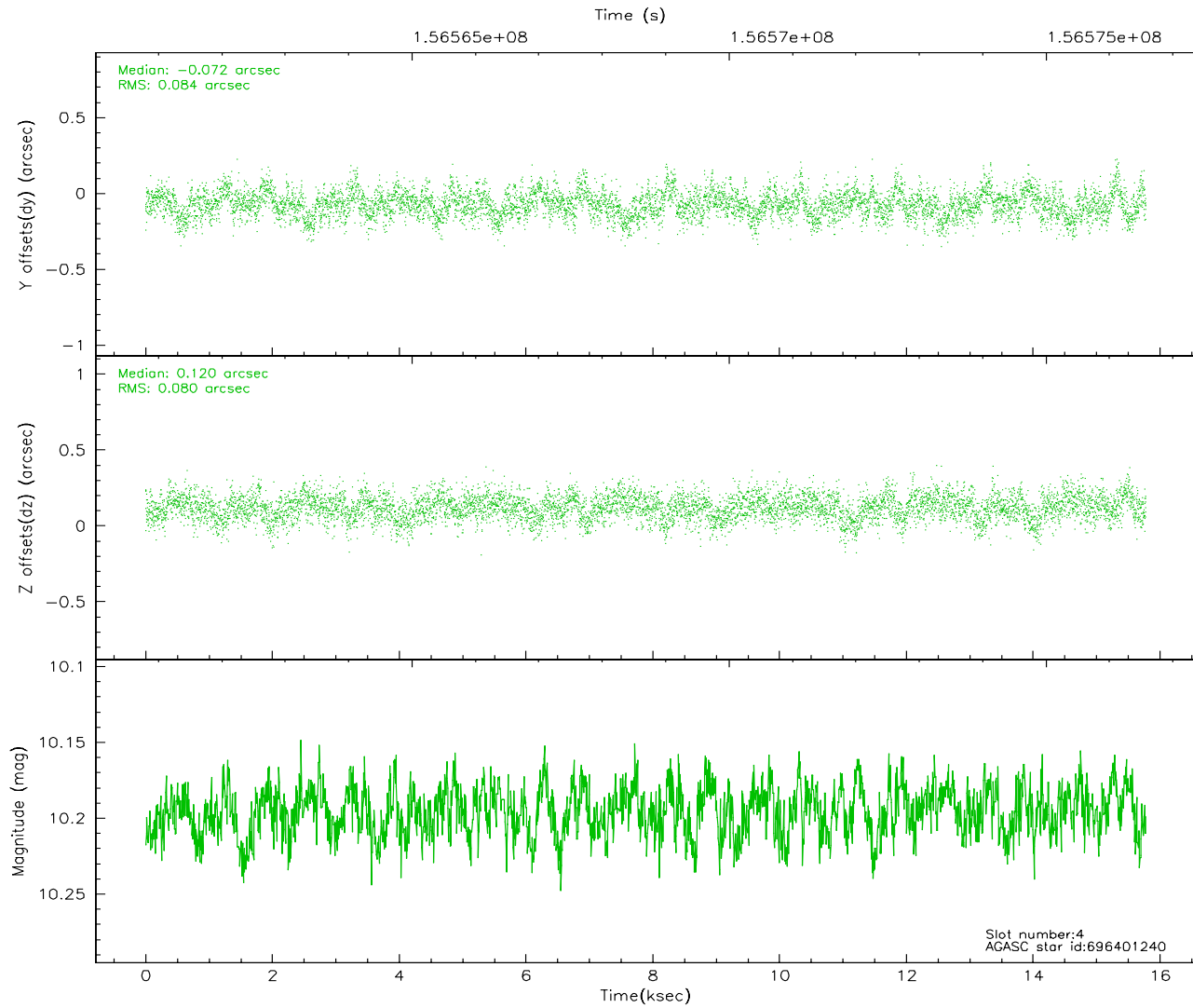
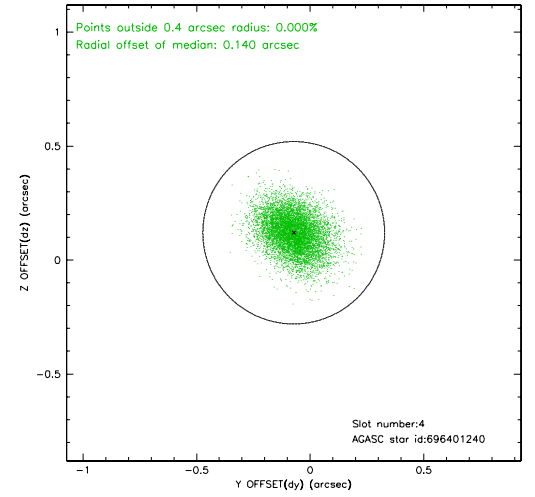
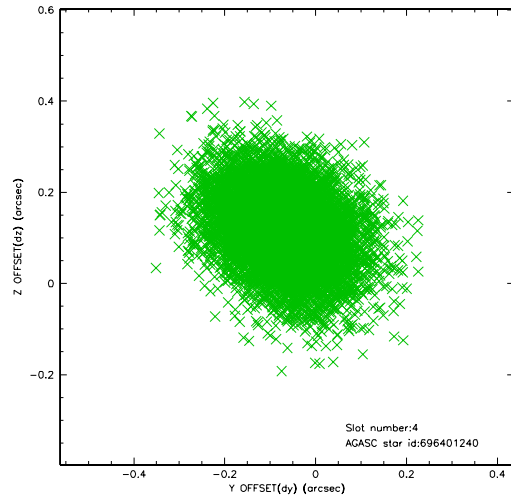
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	3849	-0.019	0.024	0.007	0.012	0.000000	0.000000	-755.13	-1728.05
1	FID	ACIS-S-4	7.20	3849	-0.051	0.003	0.005	0.009	0.000000	0.000000	2157.98	180.14
2	FID	ACIS-S-5	7.24	3849	0.038	-0.018	0.007	0.011	0.000000	0.000000	-1807.56	174.09
3	GUIDE	696387208	9.05	7699	-0.019	-0.043	0.073	0.116	66.200801	-8.036400	-1698.49	1233.30
4	GUIDE	696401240	10.20	7691	-0.072	0.120	0.124	0.202	65.973010	-8.542660	-1491.62	-750.69
5	GUIDE	696518688	9.31	7681	0.082	0.035	0.096	0.153	66.849427	-8.392964	944.81	1272.34
6	GUIDE	696522872	8.05	7699	-0.120	-0.100	0.074	0.118	66.882030	-8.191582	684.86	1959.08
7	GUIDE	696538136	9.02	7697	0.123	-0.014	0.089	0.150	66.785429	-8.898543	1653.55	-419.34

2.4 Star Slots

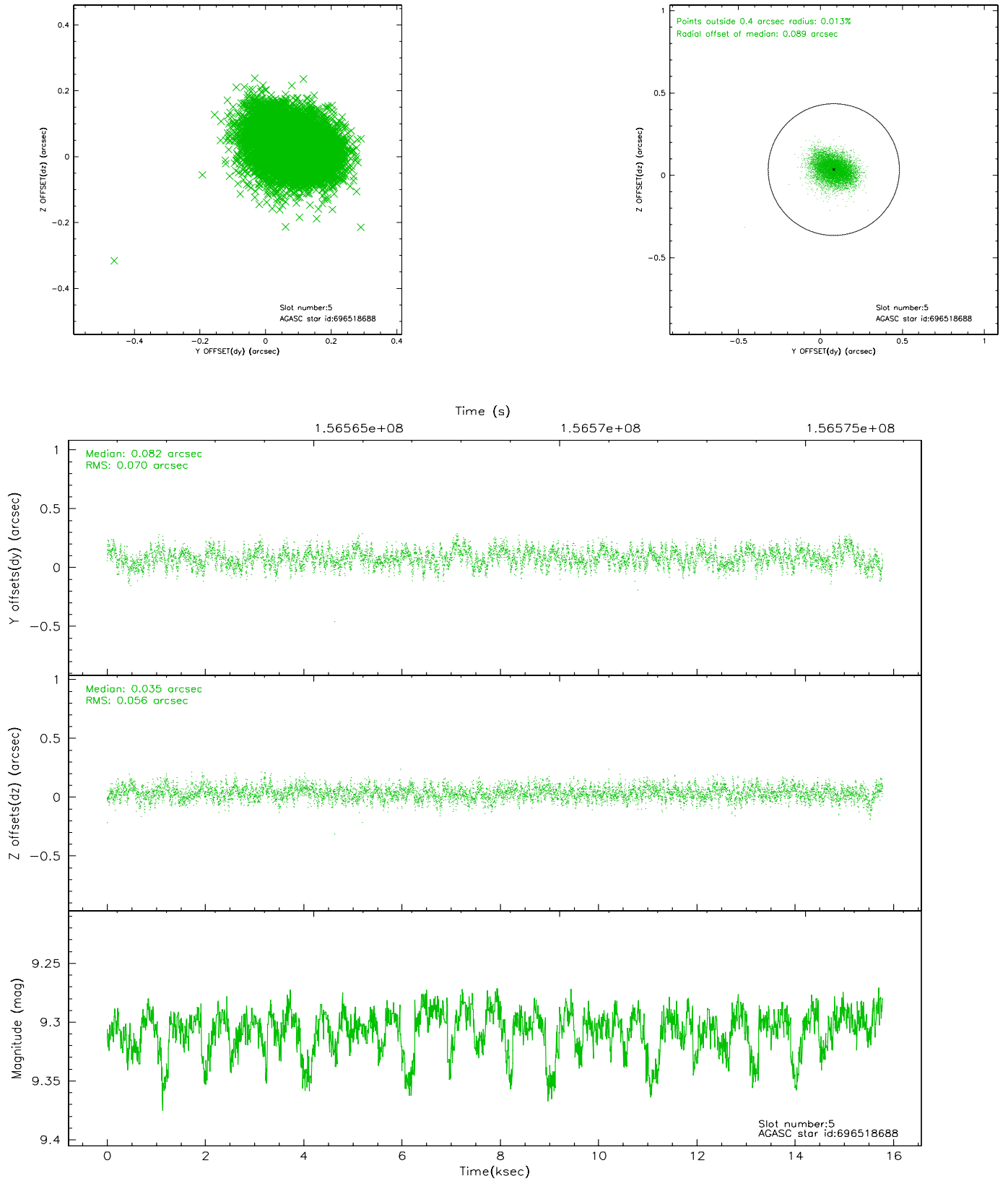
2.4.1 Slot 3



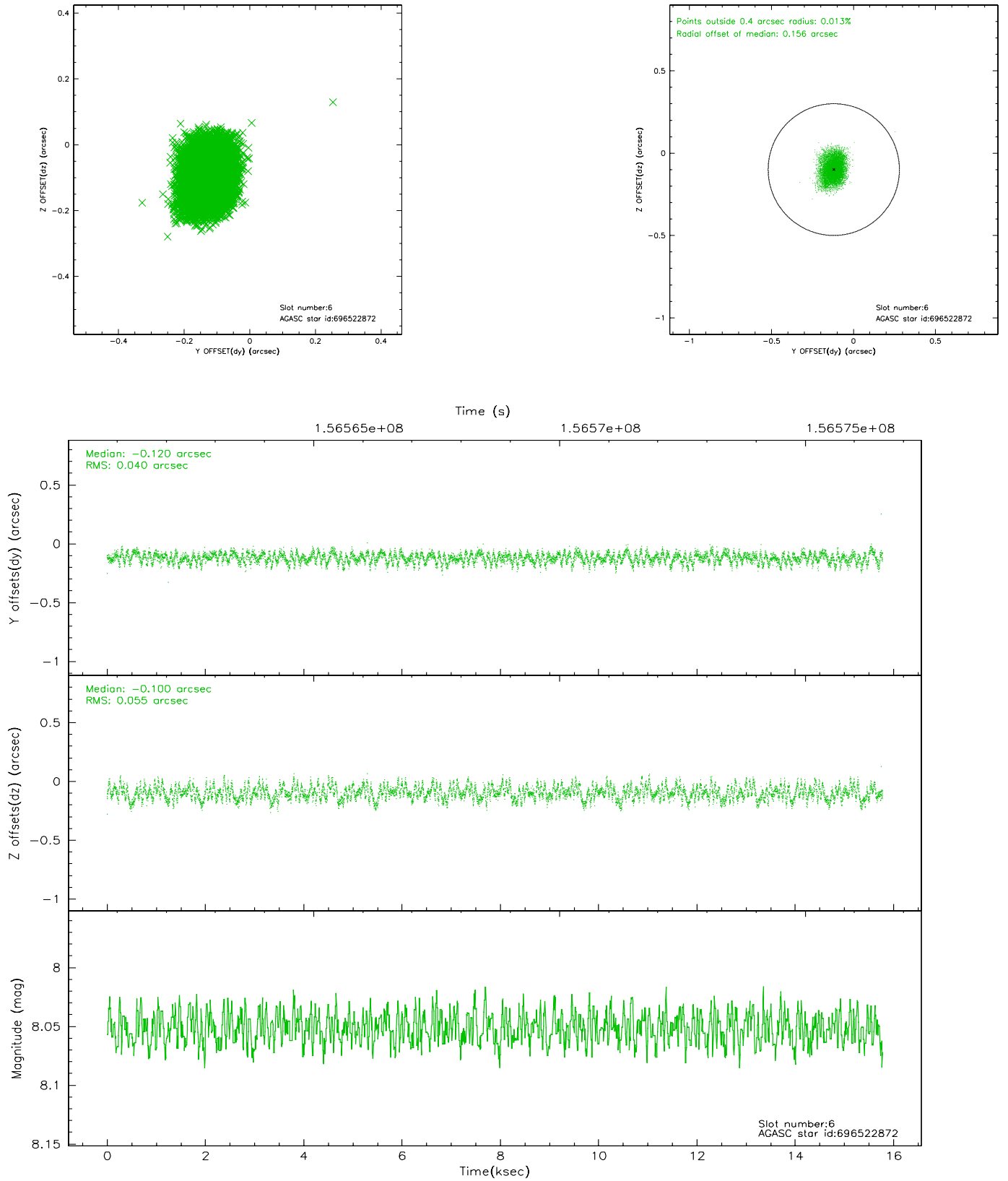
2.4.2 Slot 4



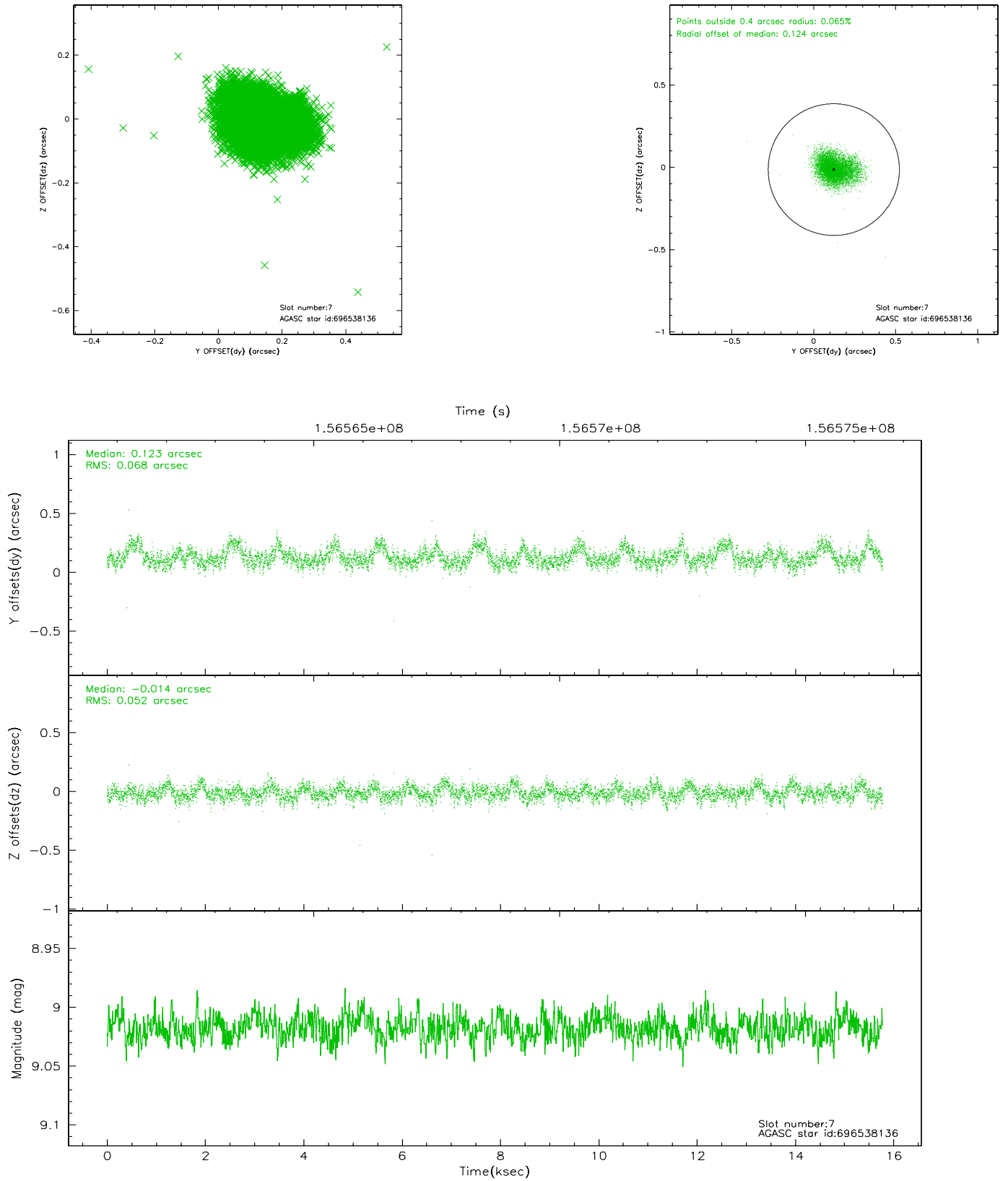
2.4.3 Slot 5



2.4.4 Slot 6

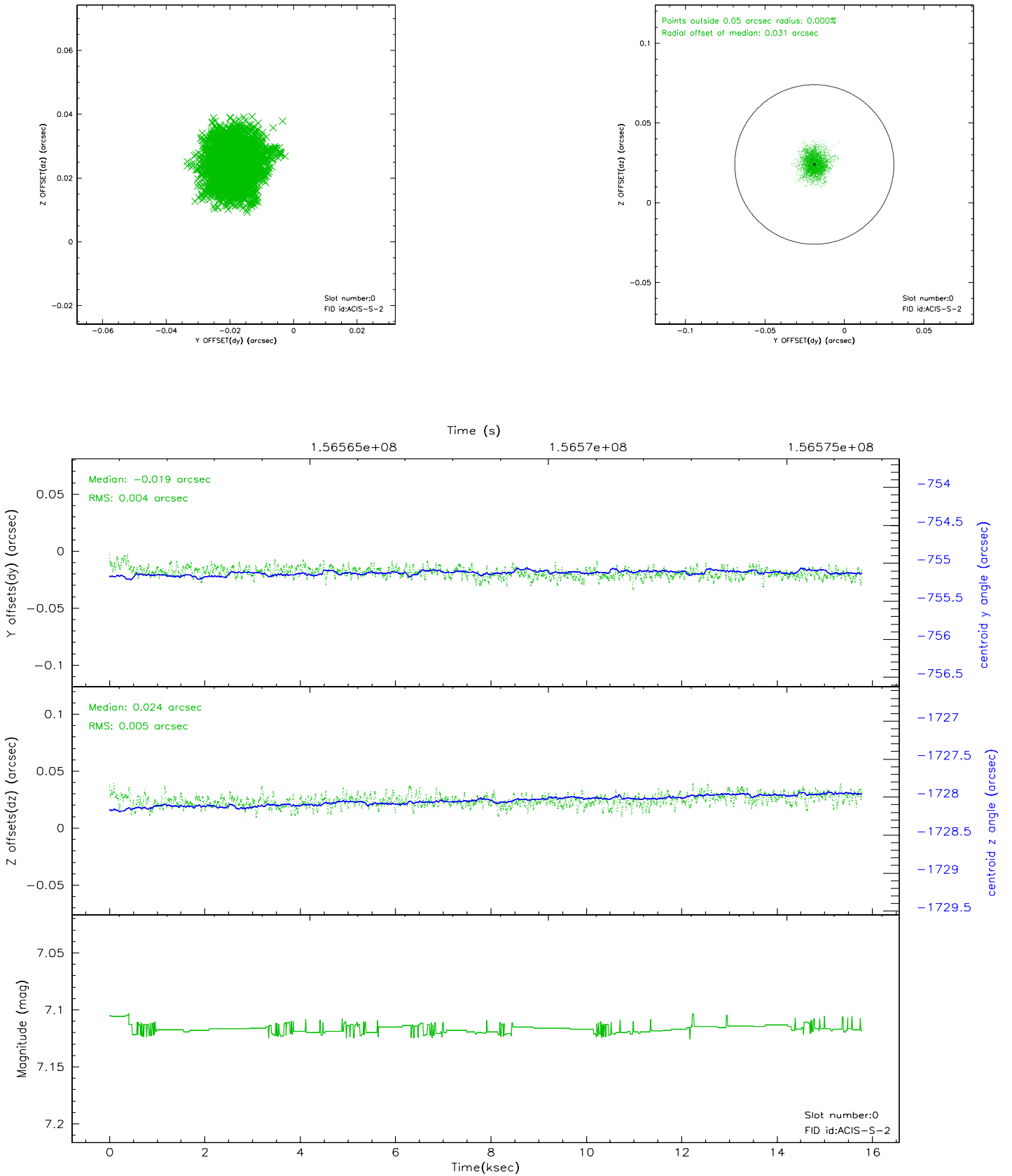


2.4.5 Slot 7

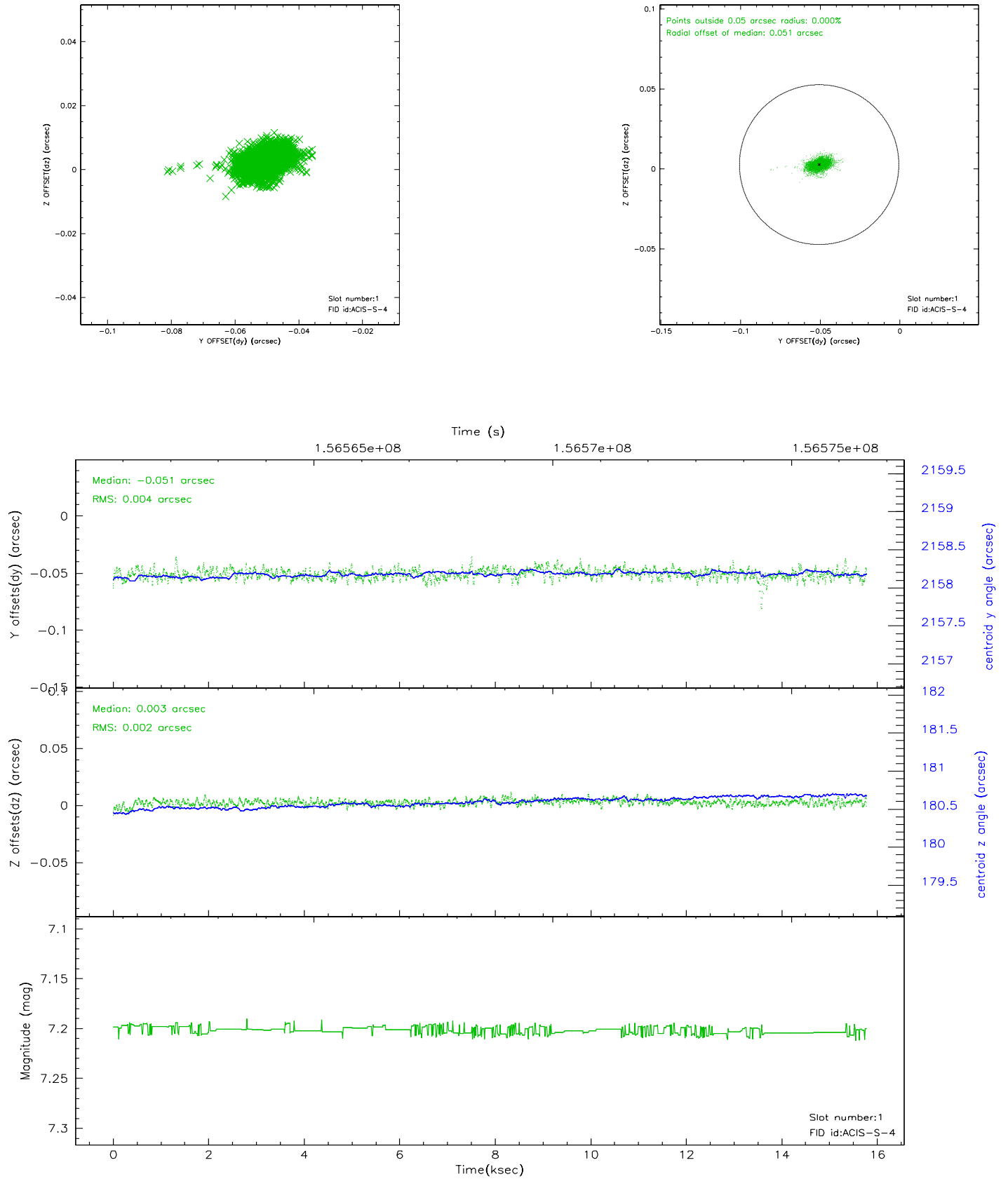


2.5 FID Slots

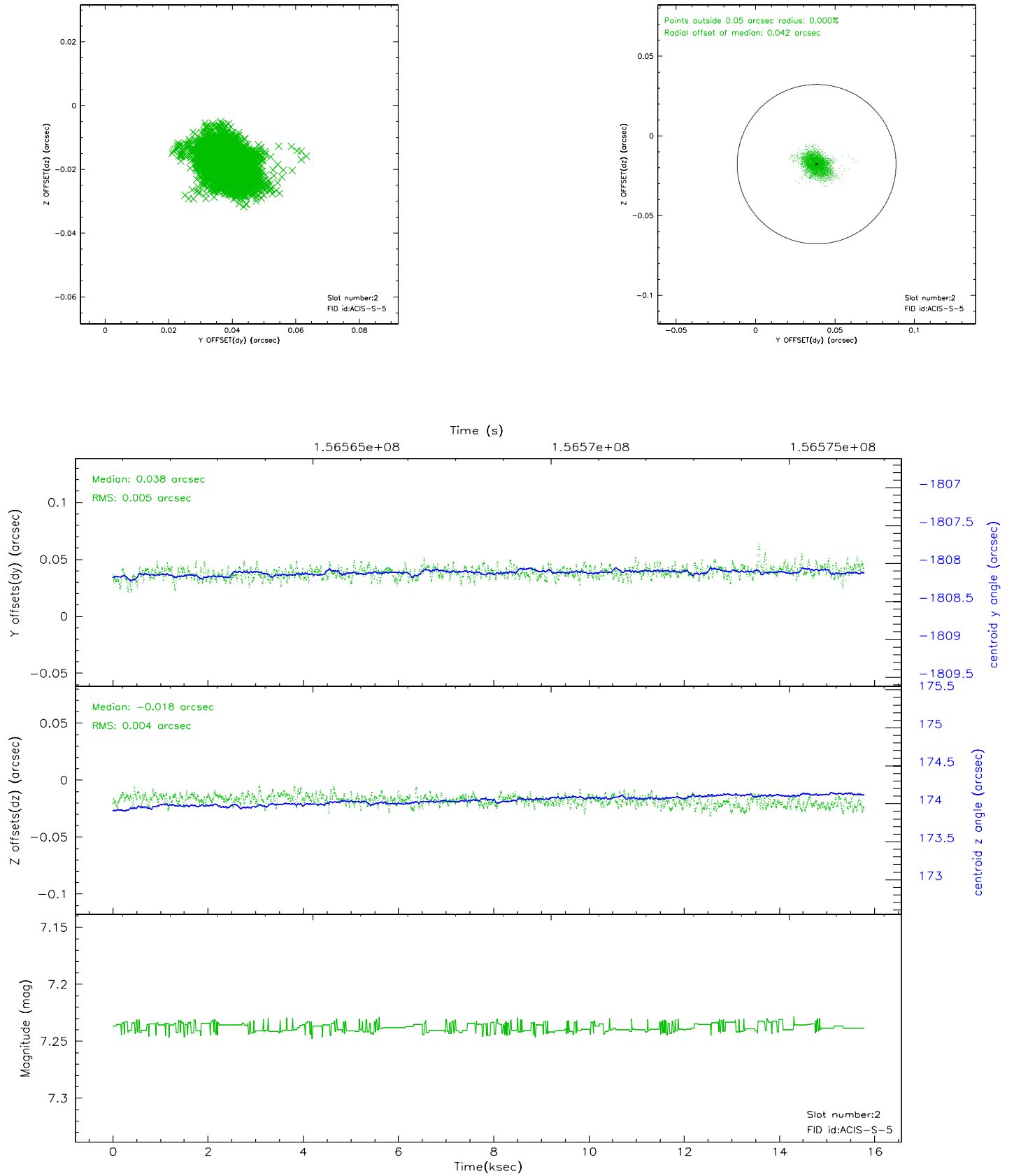
2.5.1 Slot 0



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)	2006.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.746

A.2 Comments