

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4797 - L2 Version 001
Chandra X-Ray Center

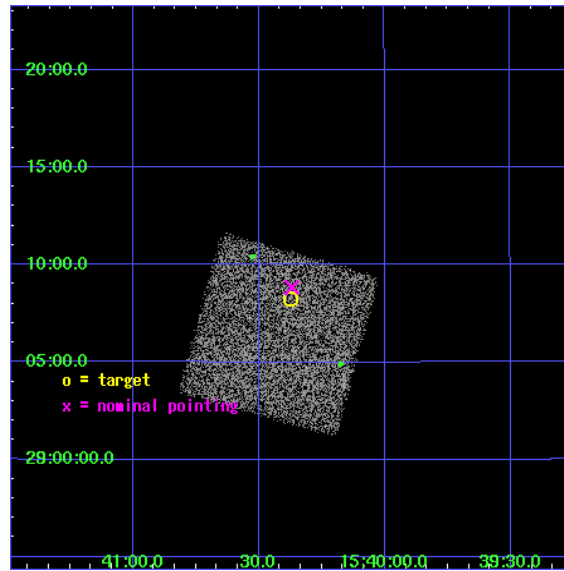
L2 Processing Date : May 29 2006

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1 Front

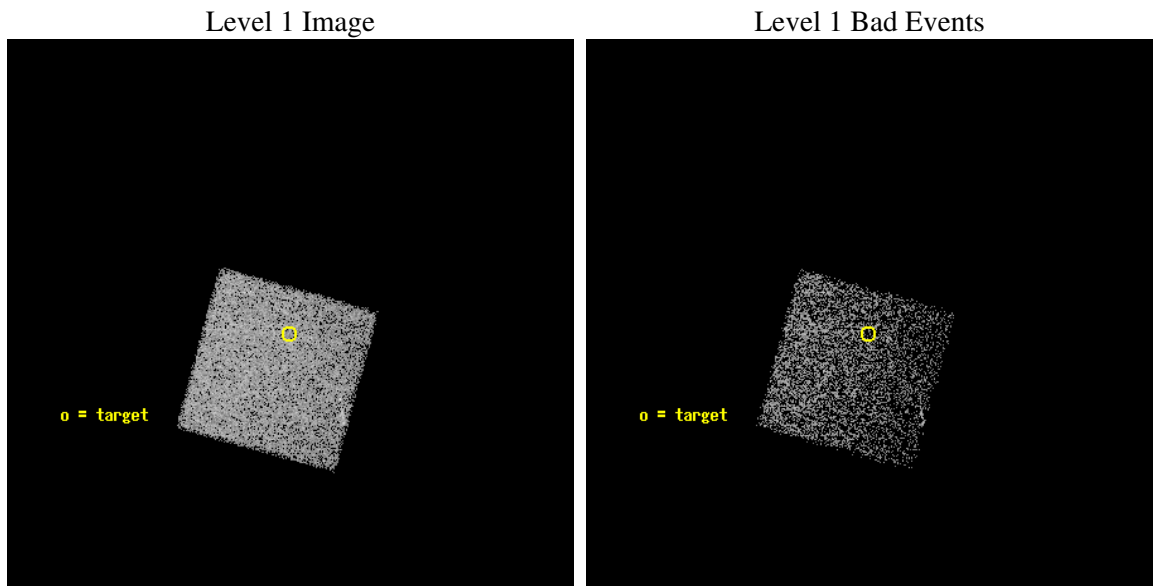
seq_num	700880
obs_id	4797
title	Anchoring the AGN X-ray Luminosity Function
observer	Dr. JOHN SALZER
object	F1540-4914
dtcycle	0
cycle	P
ra_targ	235.093333
dec_targ	29.1375
ra_nom	235.09229277751
dec_nom	29.147270539577
roll_nom	105.47774579968
revision	2
ontime	4503.0
livetime	4442.2302896378
ontime7	4503.0
l2events	15438



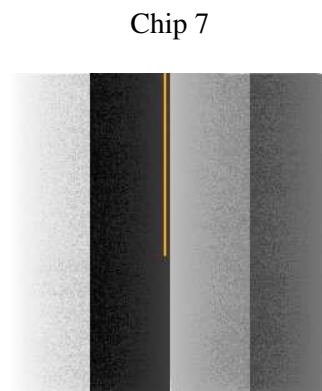
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-29T13:11:07
revision	2

sched_exp_time	4029.000000
ontime	4674.031335324
ontime7	4674.031335324
l1events	42747

2.1.4 Events

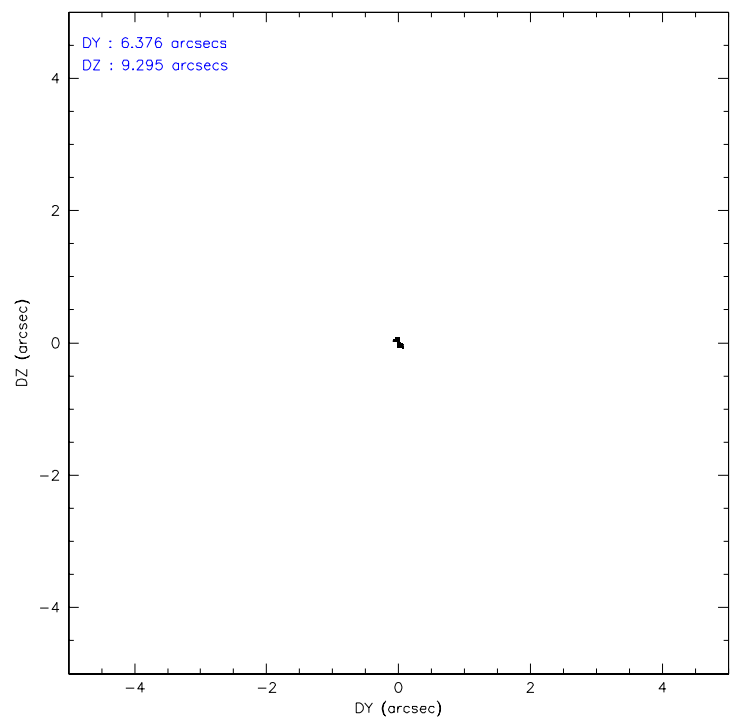
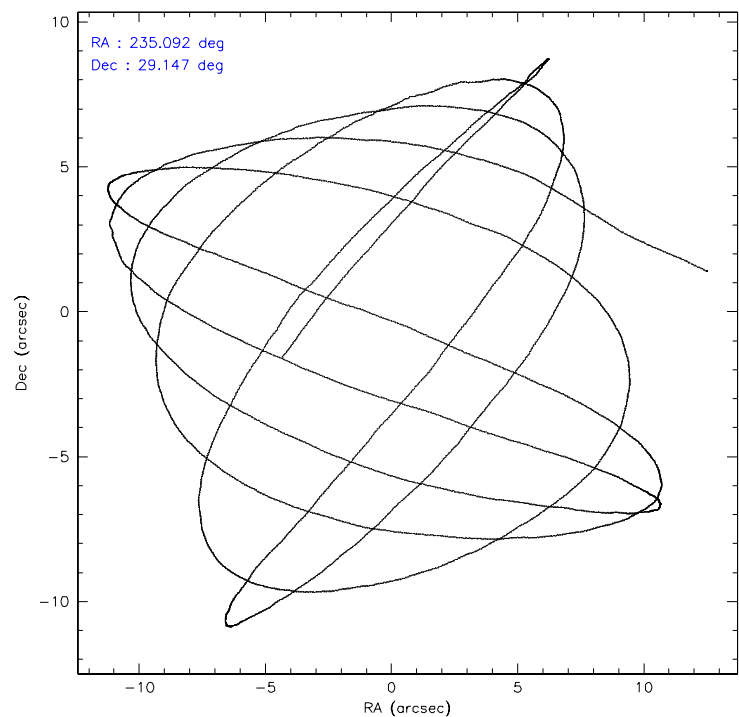
	ccd 7
level 1 events	42747
rejected events	26886
rejected %	62%

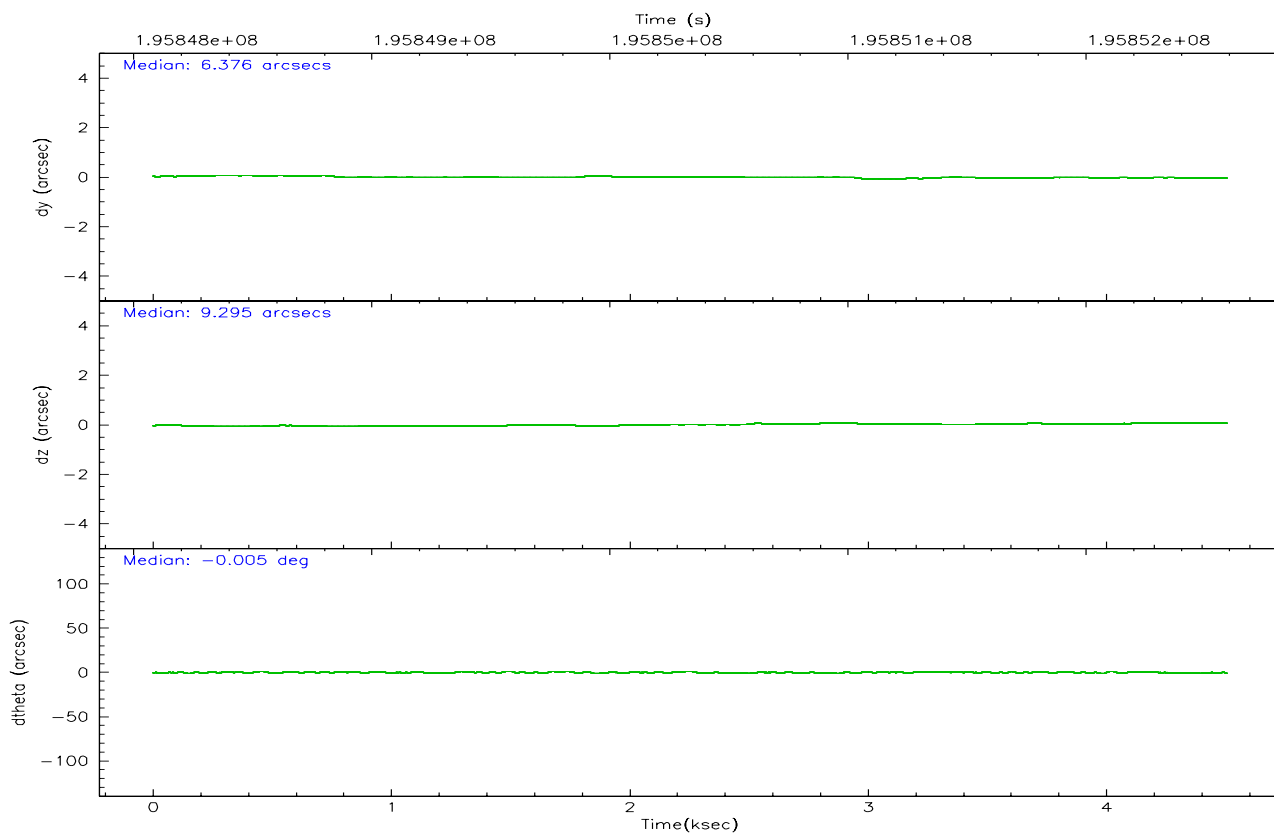
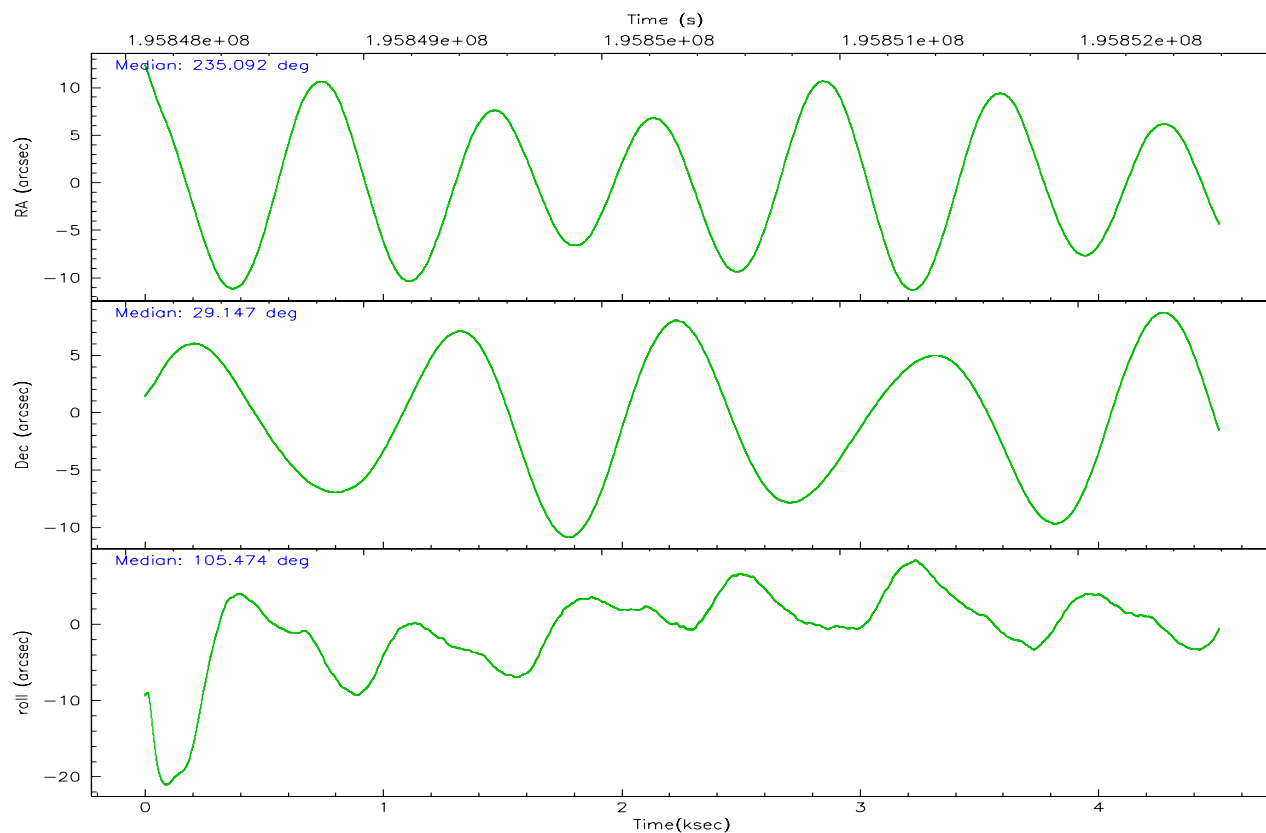
	ccd 7
grade 0 events	982
	2%
grade 1 events	30
	0%
grade 2 events	4160
	9%
grade 3 events	853
	1%
grade 4 events	855
	2%
grade 5 events	2864
	6%
grade 6 events	9633
	22%
grade 7 events	23370
	54%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	235.114813	235.0922927775113	Alternating exposures requested	N	N
Pointing Dec	29.128296	29.14727053957691	Primary exposure time	0.000000	3
Pointing Roll	105.310092	105.4777457996778			
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	195848558.184000	195847447.25901			
Observation start date	2004-03-16T18:21:34	2004-03-16T18:04:07			
Observation end time	195852587.184000	195853794.57179			
Observation end date	2004-03-16T19:28:43	2004-03-16T19:49:54			
Read mode	TIMED	TIMED			

2.3 Aspect



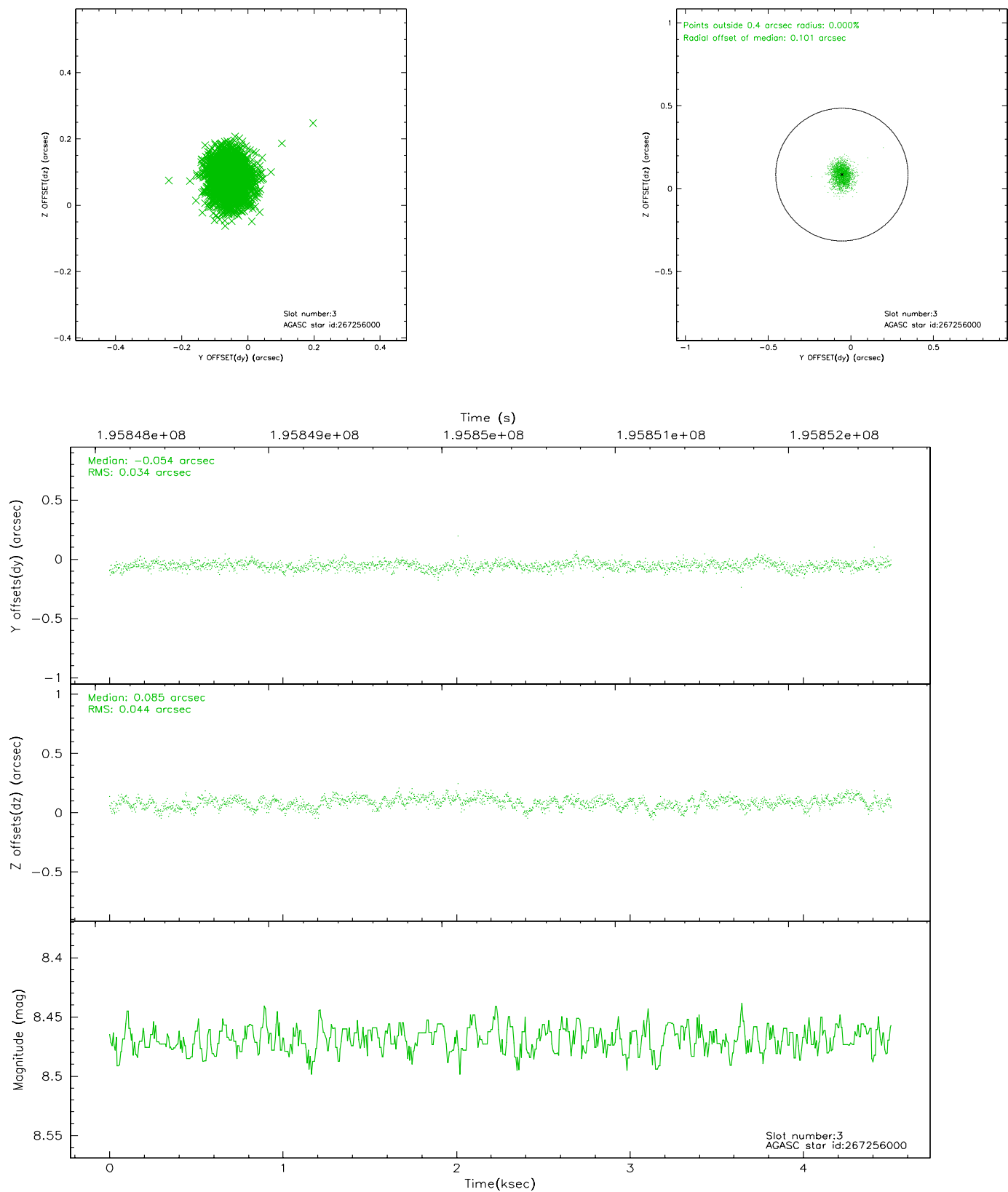


Slot Statistics

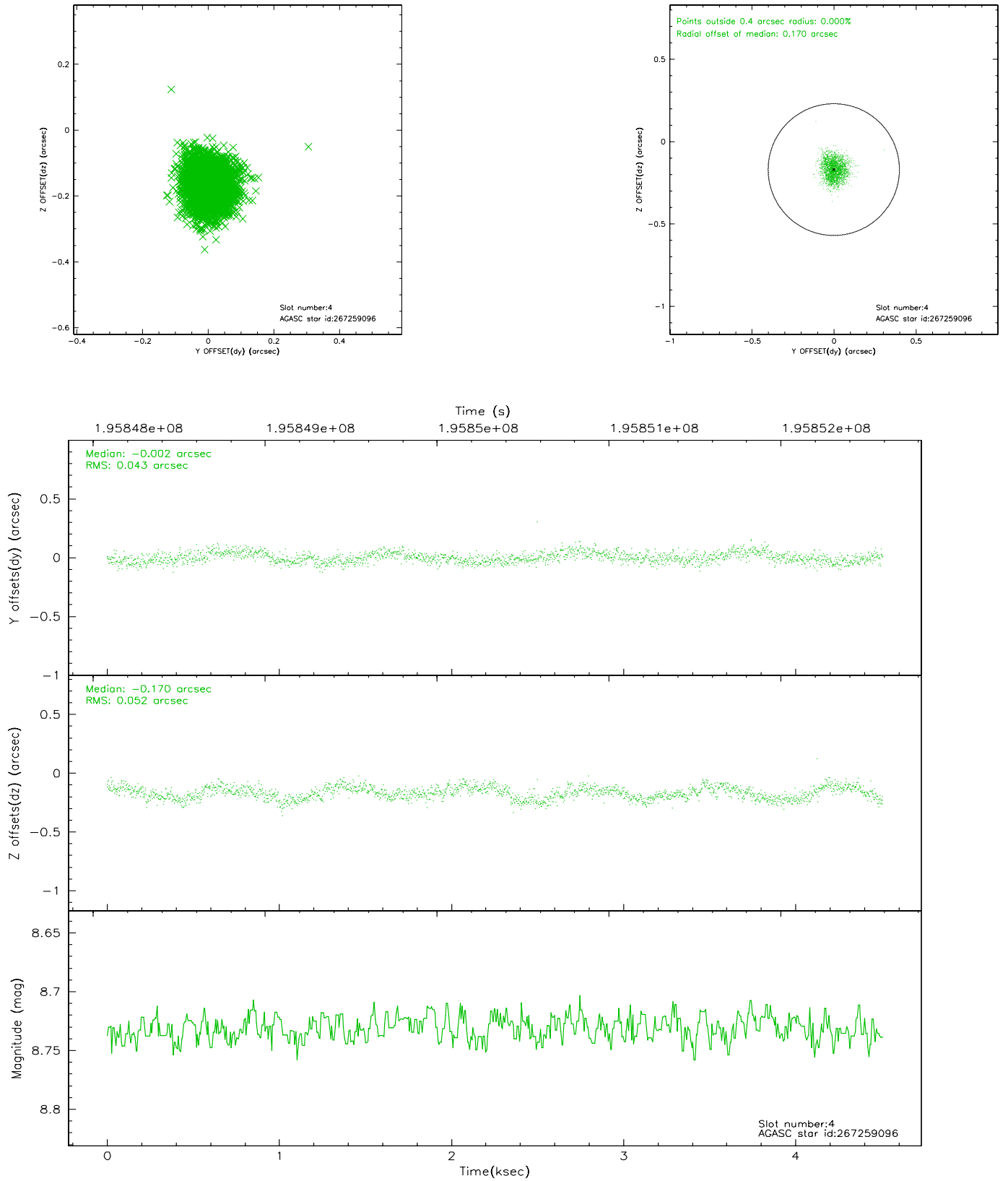
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1099	-0.041	-0.016	0.007	0.011	0.000000	0.000000	-759.13	-1730.55
1	FID	ACIS-S-4	7.20	1100	0.044	0.024	0.005	0.010	0.000000	0.000000	2153.59	176.59
2	FID	ACIS-S-5	7.23	1100	-0.034	0.001	0.006	0.010	0.000000	0.000000	-1810.23	171.76
3	GUIDE	267256000	8.47	2198	-0.054	0.085	0.058	0.097	235.255033	29.227718	228.68	-519.03
4	GUIDE	267259096	8.73	2198	-0.002	-0.170	0.073	0.112	234.903061	29.193993	404.27	579.26
5	GUIDE	267267952	8.63	2200	-0.095	0.104	0.066	0.106	235.567885	29.622926	1345.20	-1837.27
6	GUIDE	267265360	8.88	2200	-0.117	0.069	0.090	0.140	235.298176	29.856673	2378.81	-1245.12
7	GUIDE	267260296	10.03	2195	0.273	-0.088	0.135	0.216	235.176148	28.474277	-2320.96	433.99

2.4 Star Slots

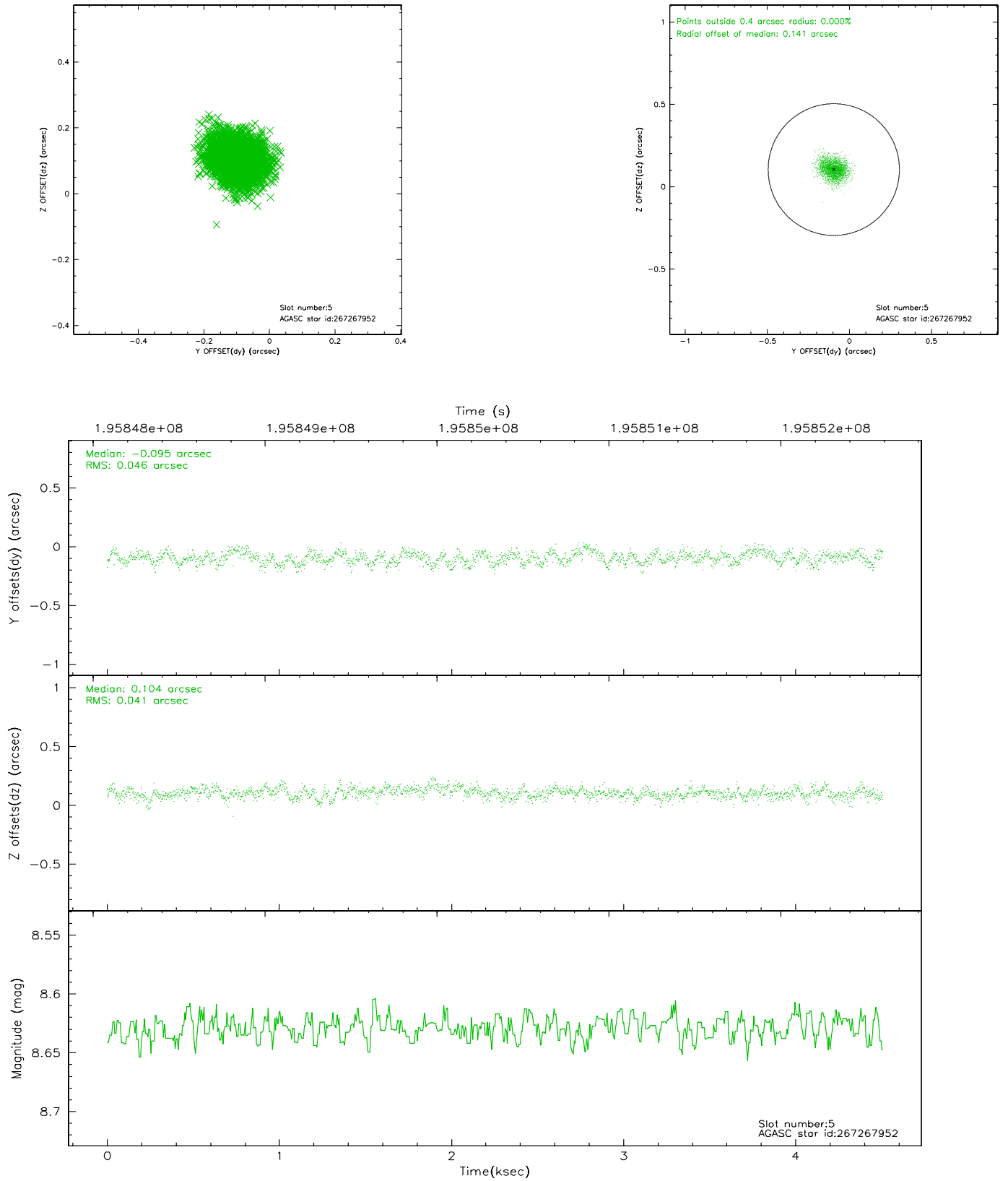
2.4.1 Slot 3



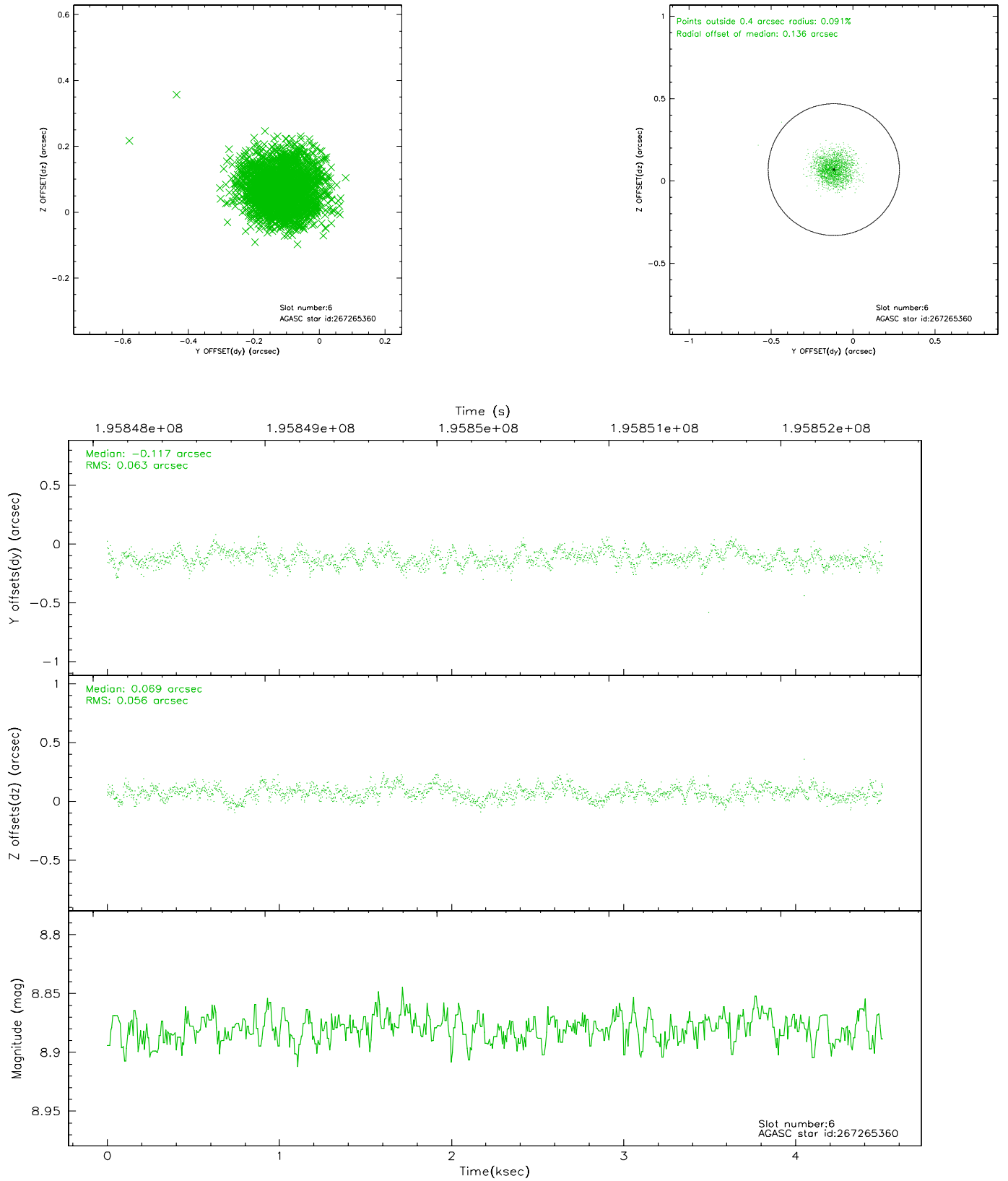
2.4.2 Slot 4



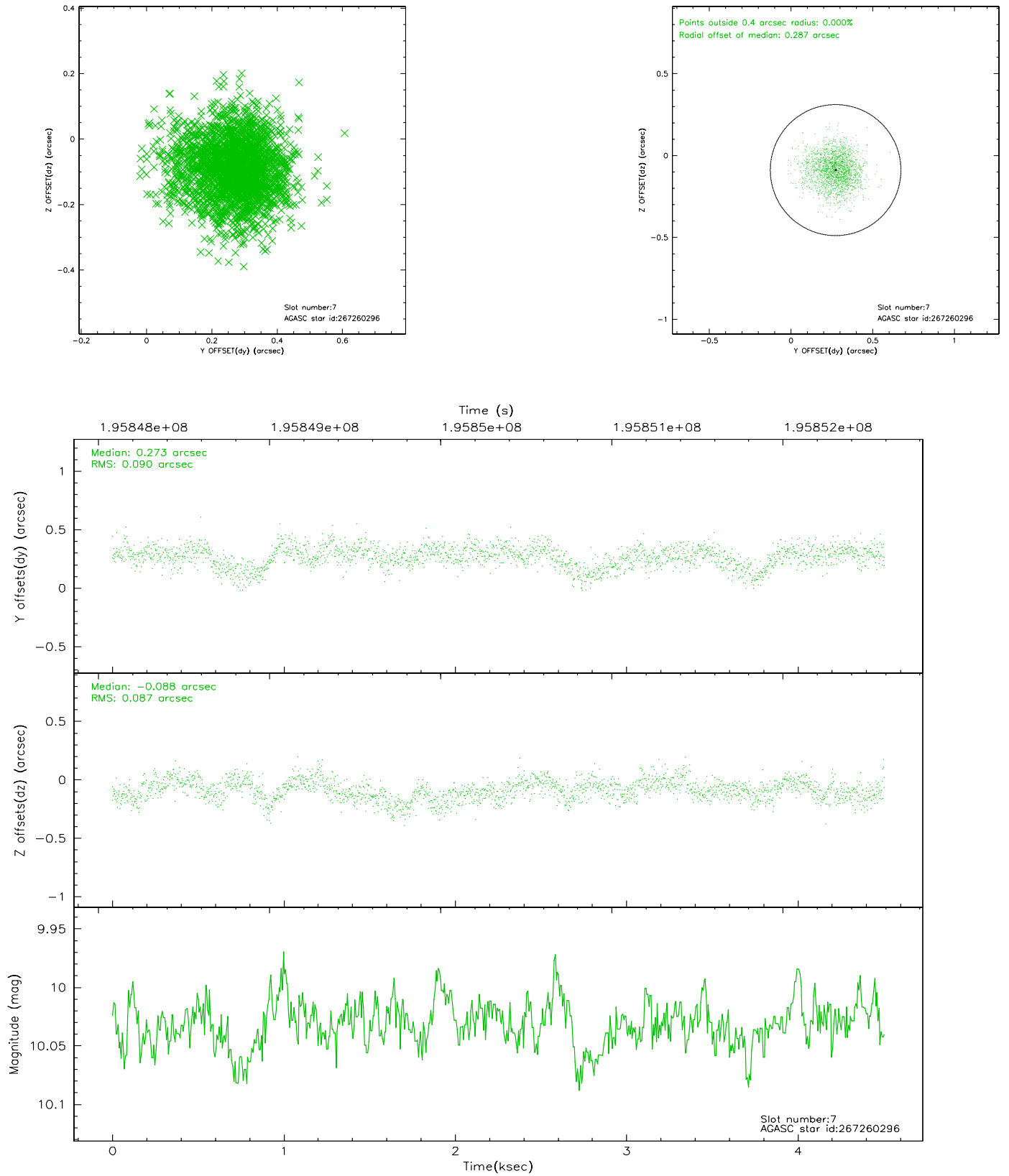
2.4.3 Slot 5



2.4.4 Slot 6

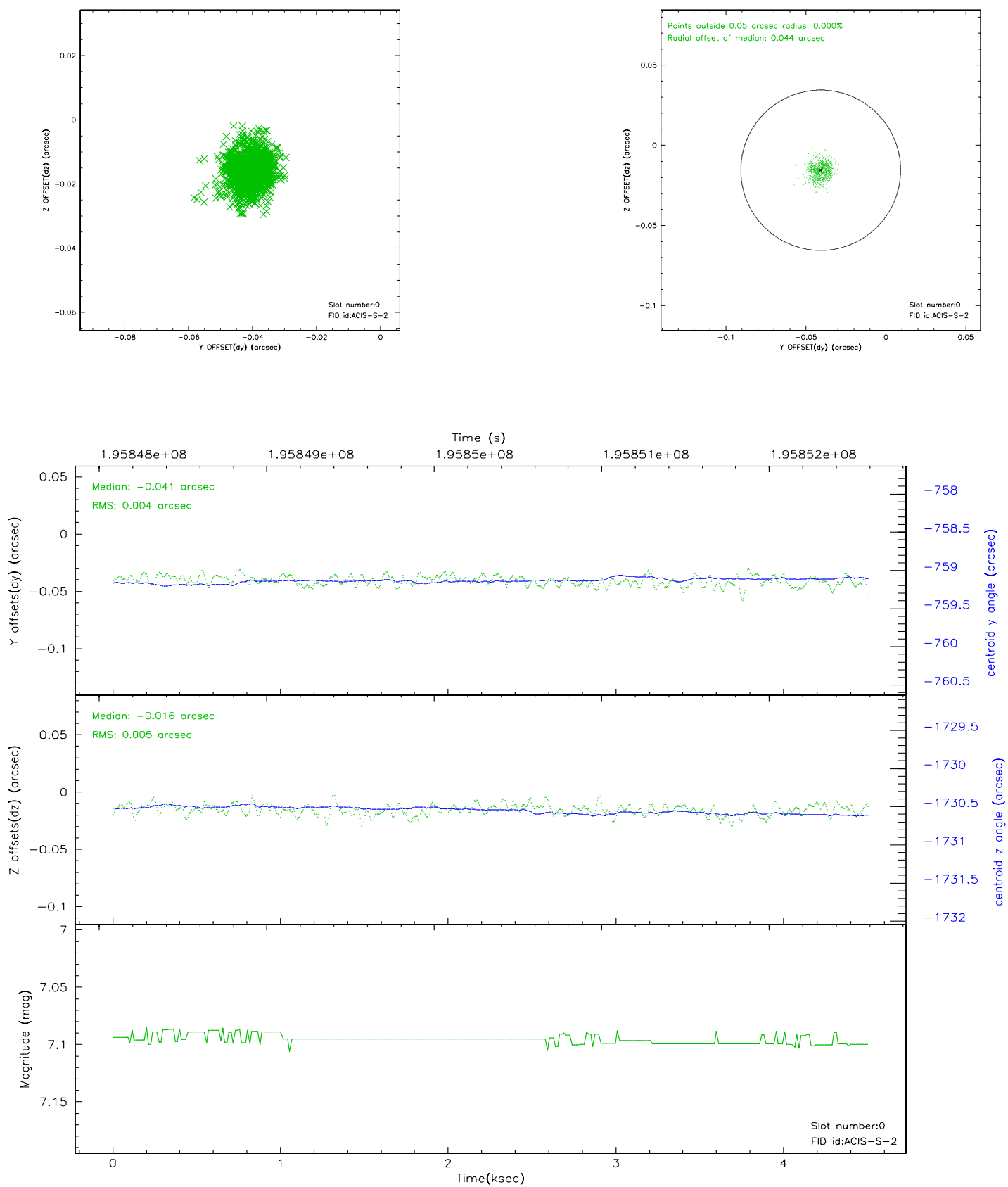


2.4.5 Slot 7

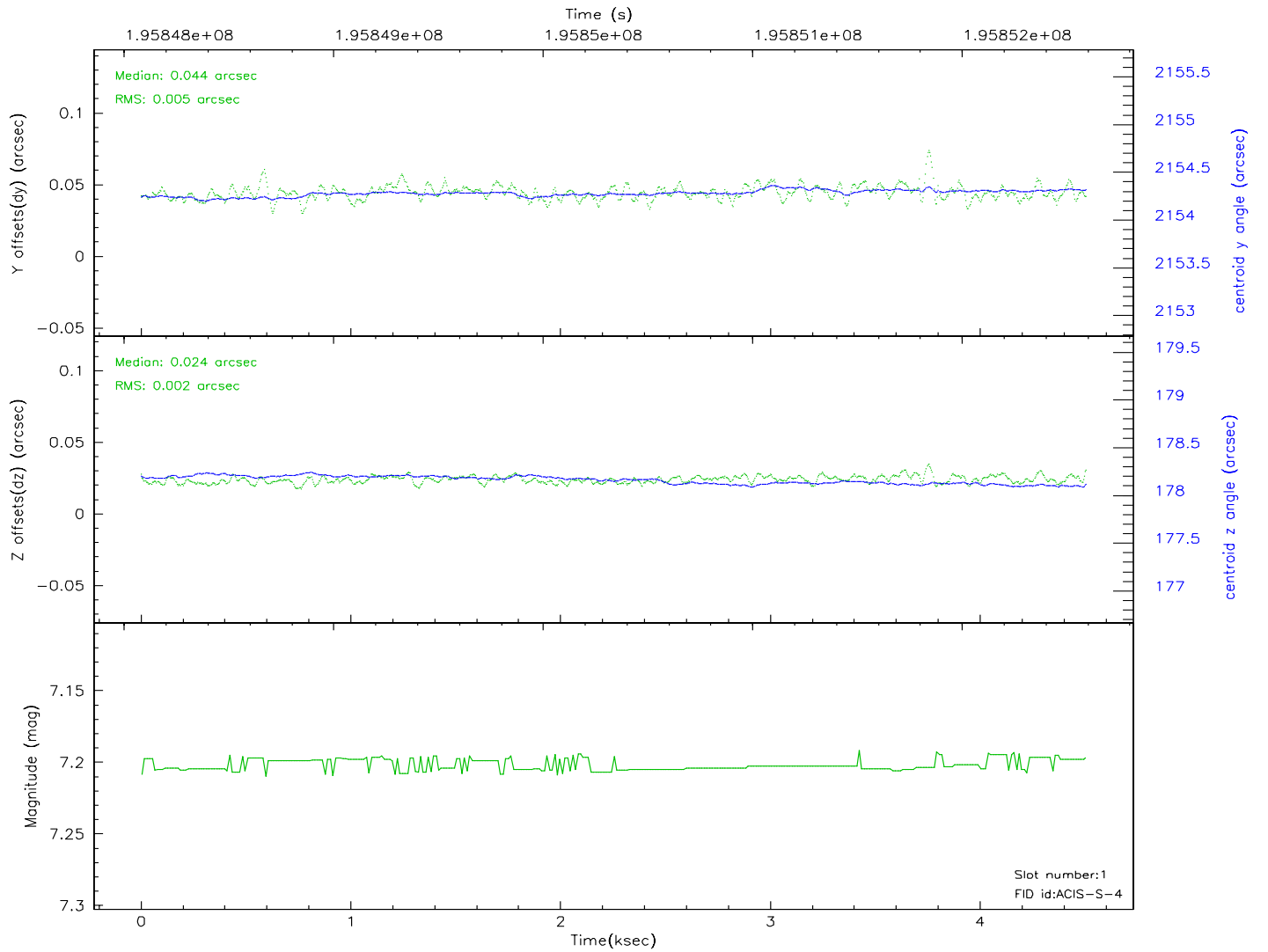
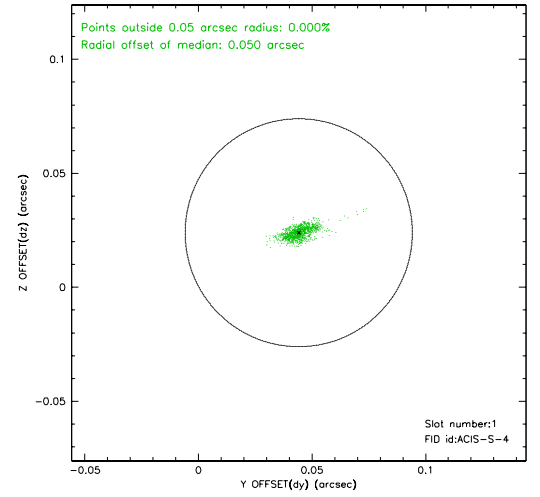
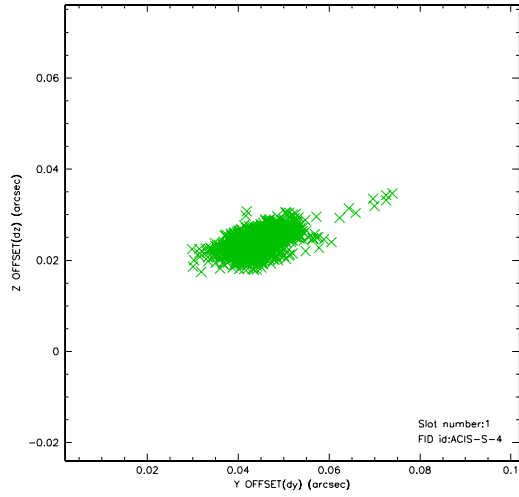


2.5 FID Slots

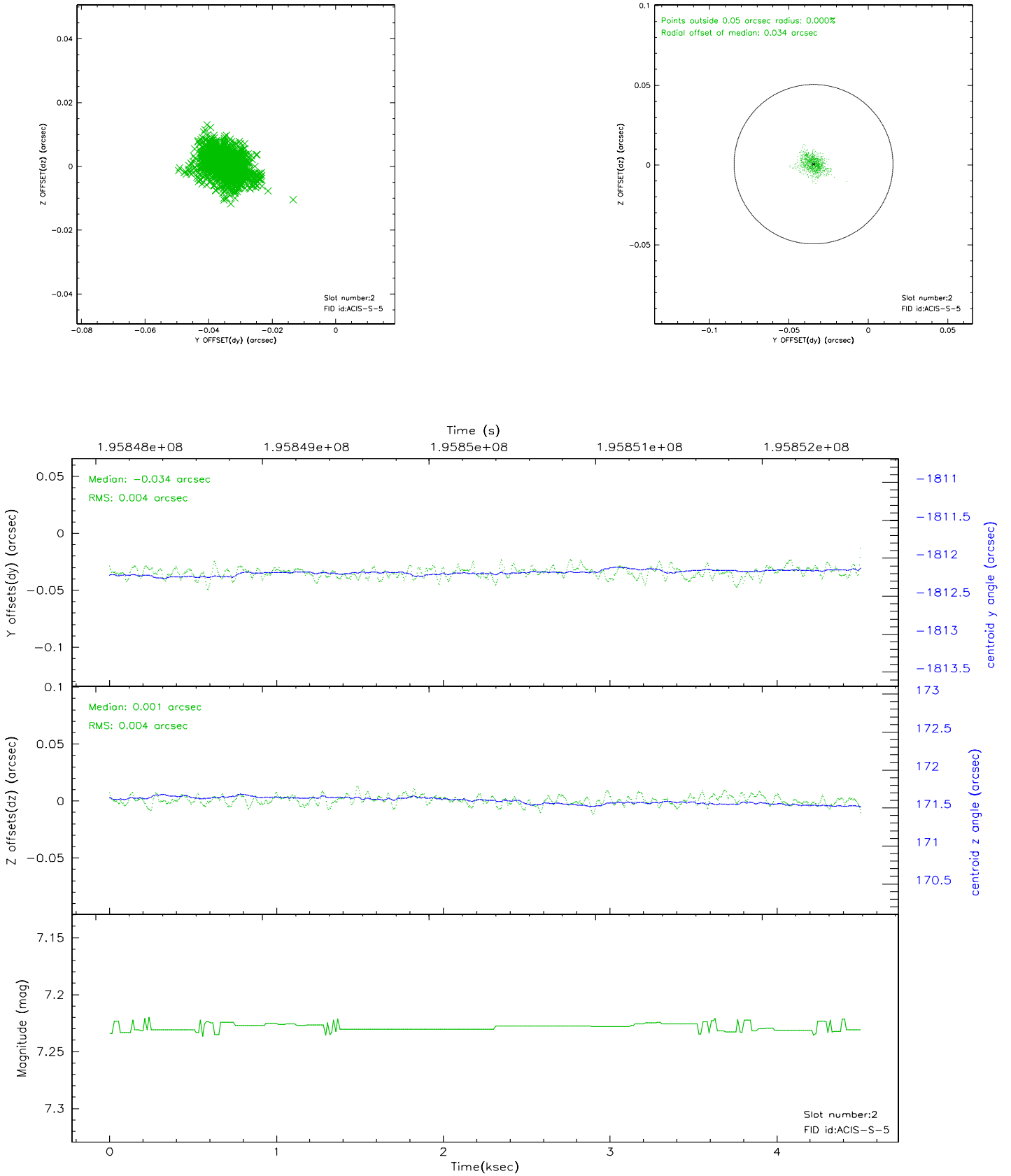
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

4.71 arcmin



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.503

A.2 Comments