

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5519 - L2 Version 002
Chandra X-Ray Center

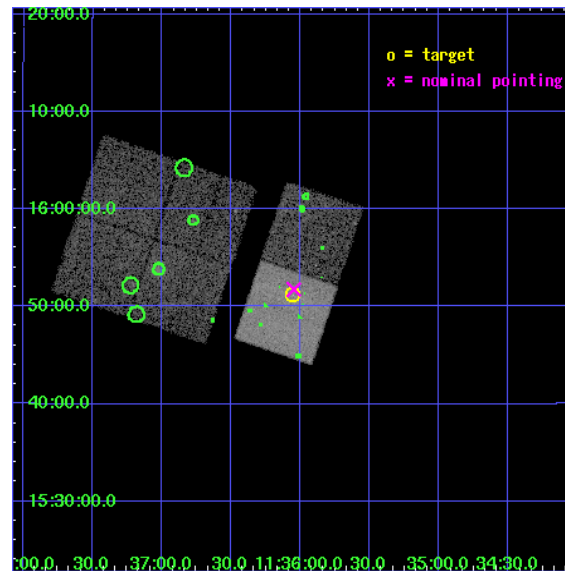
L2 Processing Date: Feb 25 2006

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1 Front

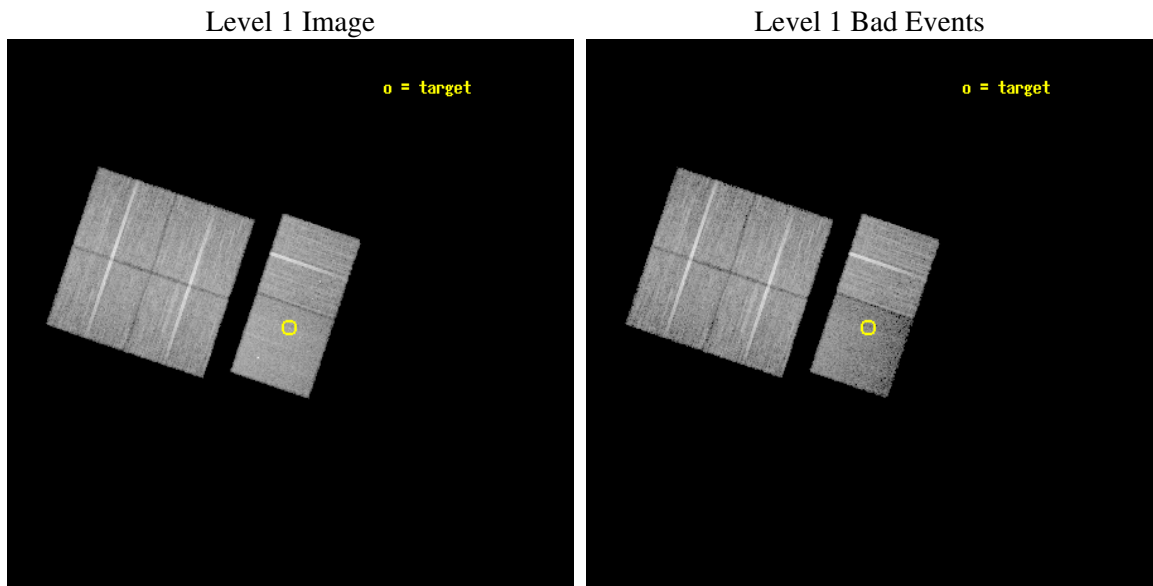
seq_num	500513
obs_id	5519
title	X-ray Emission from Radio Pulsars
observer	Prof. Gordon Garmire
object	PSR B1133+16
dtcycle	0
cycle	P
ra_targ	174.013125
dec_targ	15.853222
ra_nom	174.01165034804
dec_nom	15.862761695229
roll_nom	108.63047717846
revision	2
ontime	18140.79993242
livetime	17911.090200598
ontime0	18140.79993242
ontime1	18140.79993242
ontime2	18140.79993242
ontime3	18140.79993242
ontime6	18140.79993242
ontime7	18140.79993242
l2events	84532



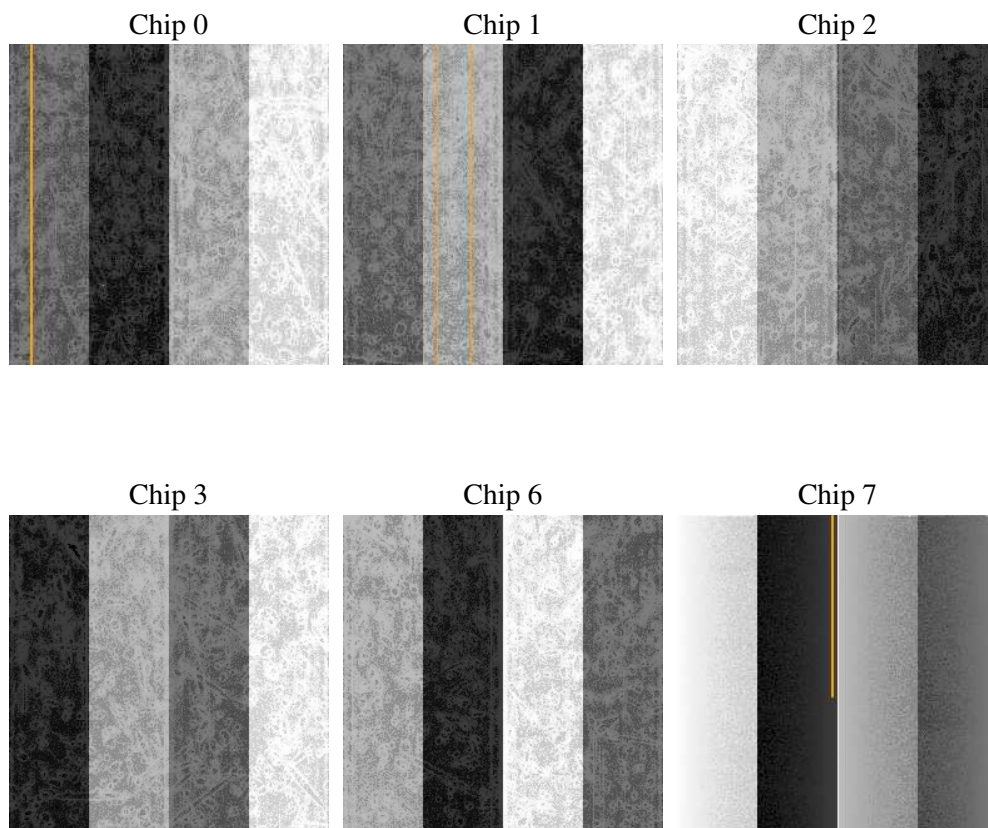
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-25T07:49:47
revision	2

sched_exp_time	18000.000000
ontime	19721.536713034
ontime0	19721.536713034
ontime1	19721.536693126
ontime2	19721.536713034
ontime3	19721.536713034
ontime6	19721.536713034
ontime7	19721.536713034
l1events	650613

2.1.4 Events

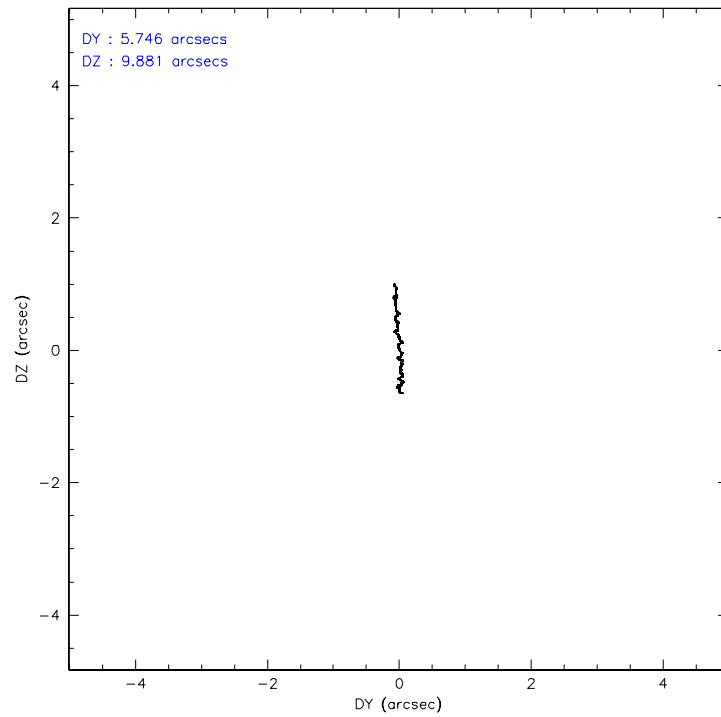
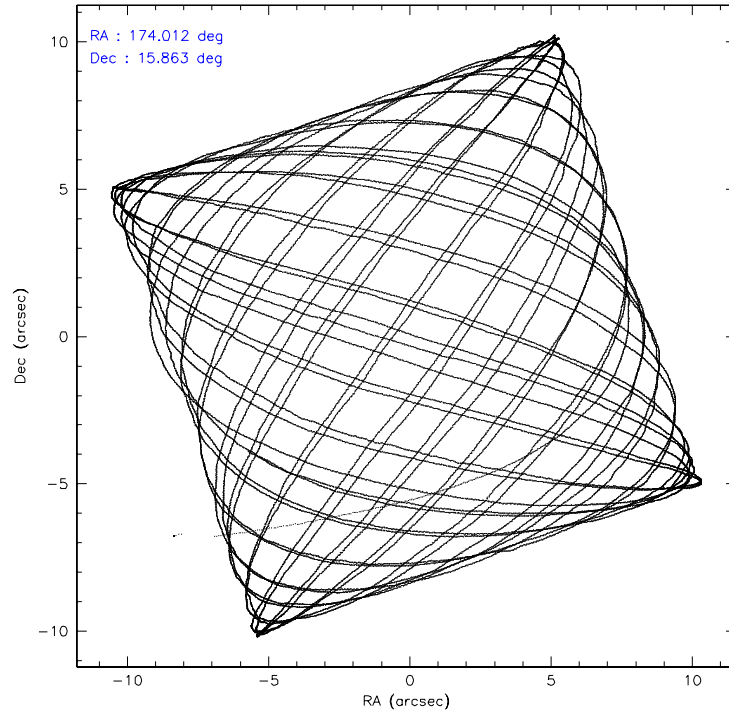
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	108231	100431	117088	109260	111538	104065
rejected events	98065	90088	107337	99307	100906	60057
rejected %	90%	89%	91%	90%	90%	57%

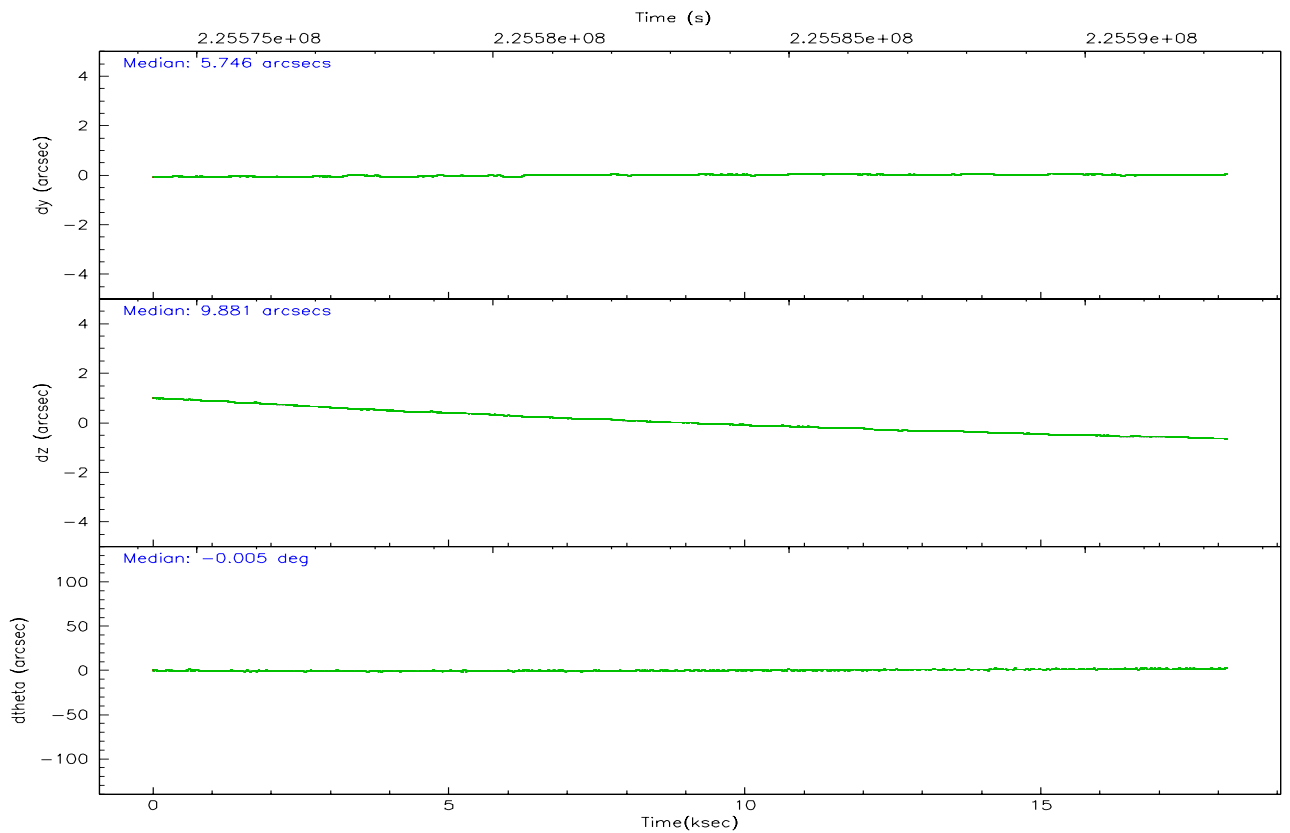
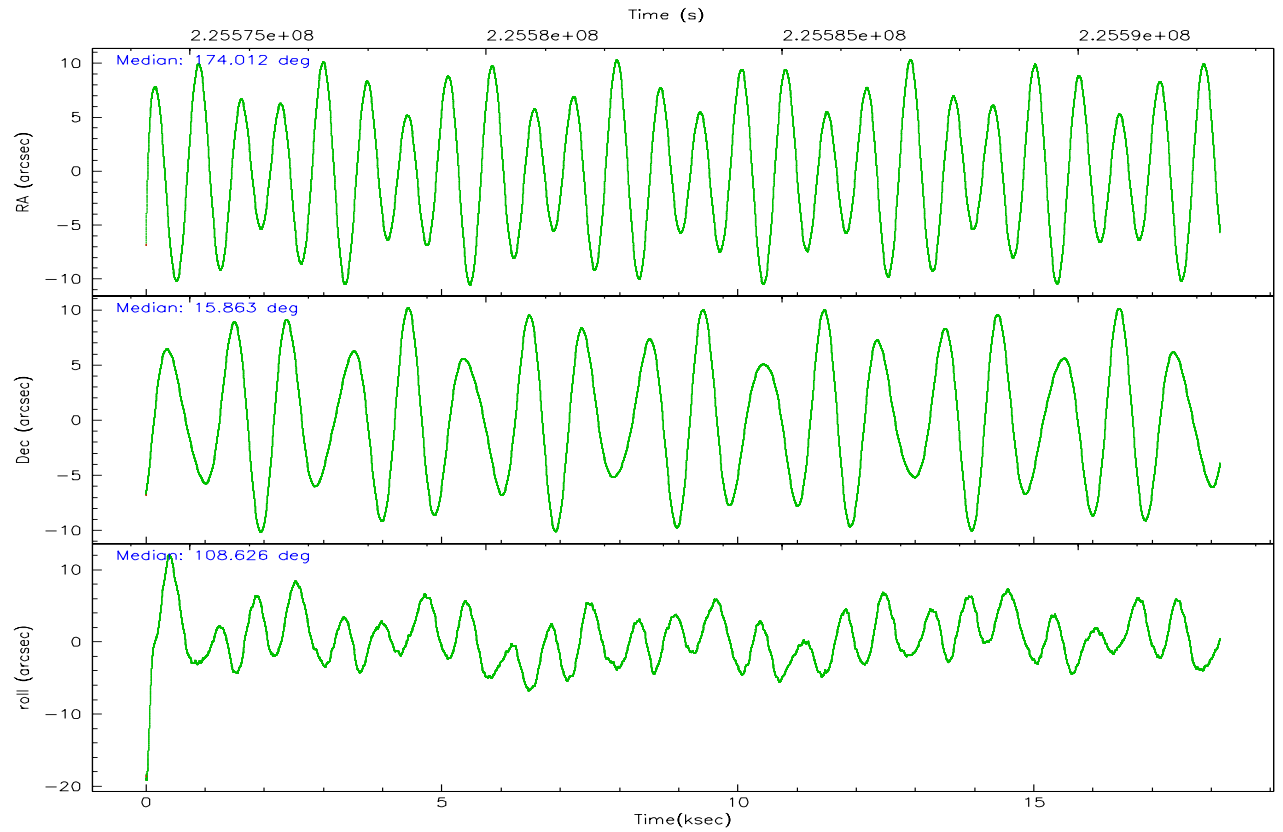
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3795	3915	3979	4241	4299	3379
	3%	3%	3%	3%	3%	3%
grade 1 events	72	53	59	69	67	64
	0%	0%	0%	0%	0%	0%
grade 2 events	2730	2439	2467	2233	2416	12491
	2%	2%	2%	2%	2%	12%
grade 3 events	1271	1310	1160	1196	1266	2930
	1%	1%	0%	1%	1%	2%
grade 4 events	1172	1278	1131	1191	1239	2855
	1%	1%	0%	1%	1%	2%
grade 5 events	3461	3563	3178	3734	3790	8078
	3%	3%	2%	3%	3%	7%
grade 6 events	2020	2274	1883	1919	2272	26185
	1%	2%	1%	1%	2%	25%
grade 7 events	93710	85599	103231	94677	96189	48083
	86%	85%	88%	86%	86%	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	174.033123	174.011650348044	Alternating exposures requested	N	N
Pointing Dec	15.845064	15.86276169522854	Primary exposure time	0.000000	3.2
Pointing Roll	108.467999	108.6304771784609			
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	225574407.184000	225572567.99694			
Observation start date	2005-02-23T19:32:23	2005-02-23T19:02:47			
Observation end time	225592407.184000	225593943.34791			
Observation end date	2005-02-24T00:32:23	2005-02-24T00:59:03			
Read mode	TIMED	TIMED			

2.3 Aspect



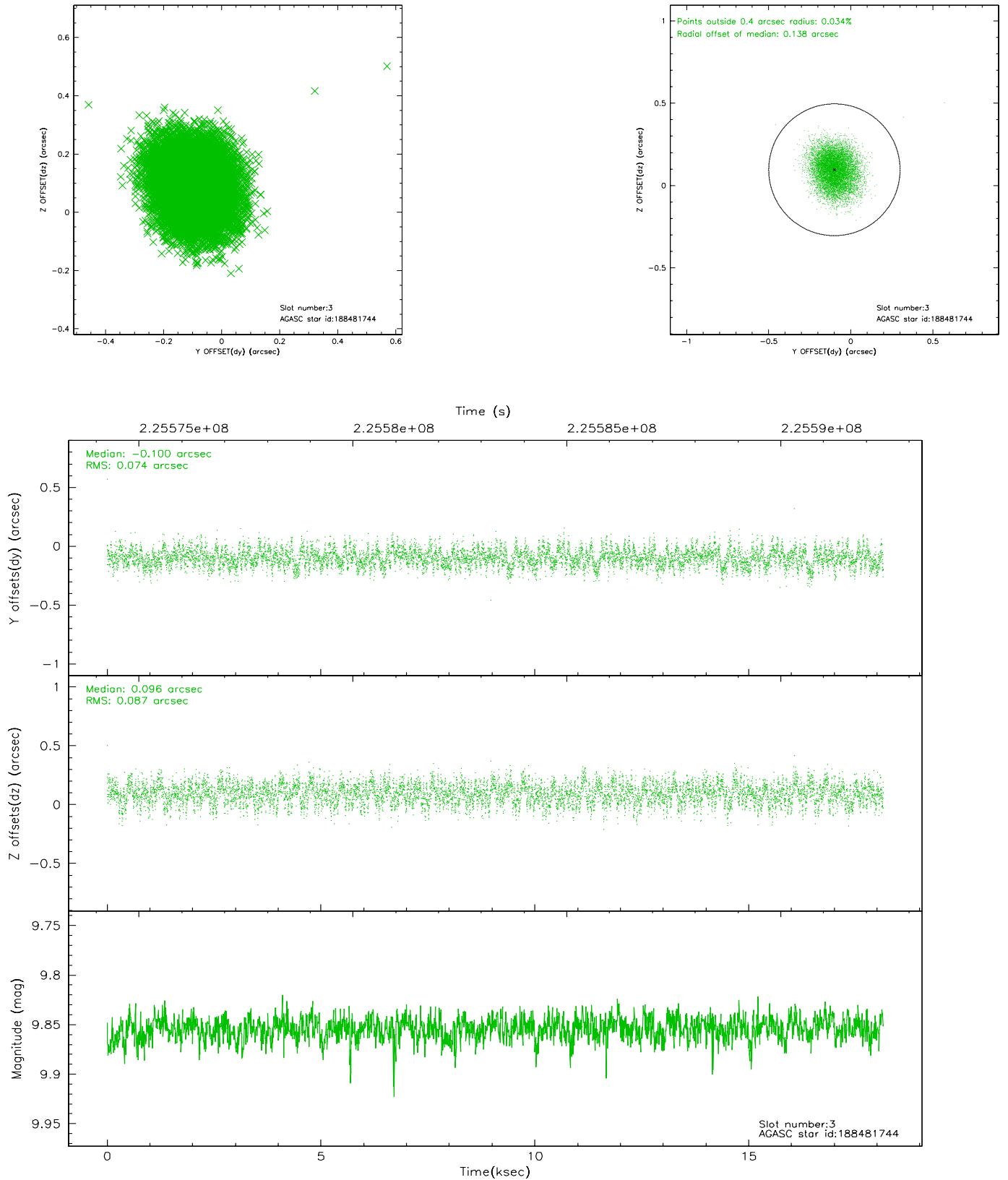


Slot Statistics

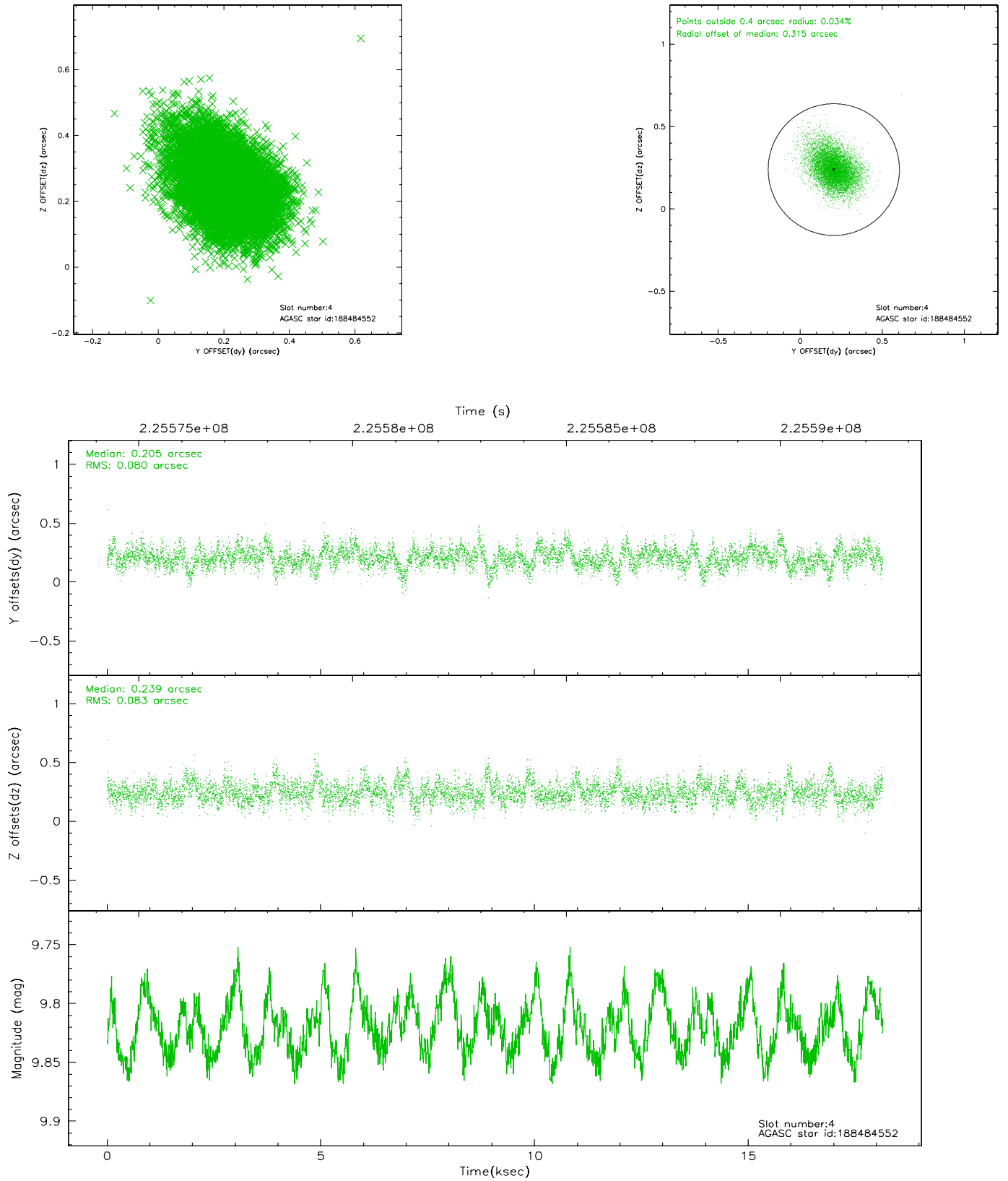
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4427	-0.059	-0.014	0.013	0.020	0.000000	0.000000	-758.49	-1731.16
1	FID	ACIS-S-4	7.21	4427	0.071	0.033	0.006	0.010	0.000000	0.000000	2154.79	177.18
2	FID	ACIS-S-5	7.23	4427	-0.043	-0.010	0.013	0.020	0.000000	0.000000	-1811.06	171.01
3	GUIDE	188481744	9.85	8842	-0.100	0.096	0.123	0.194	174.779940	15.551439	-1818.48	-2123.04
4	GUIDE	188484552	9.82	8842	0.205	0.239	0.119	0.204	174.632803	15.520641	-1763.49	-1603.82
5	GUIDE	188486024	9.64	8836	-0.140	-0.206	0.125	0.199	173.431831	15.691868	139.57	2150.65
6	GUIDE	188493696	9.41	8835	-0.036	0.009	0.114	0.173	174.021814	16.383011	1850.01	-575.35
7	GUIDE	188503560	9.24	8847	0.072	-0.139	0.097	0.159	174.490882	15.776894	-732.79	-1426.87

2.4 Star Slots

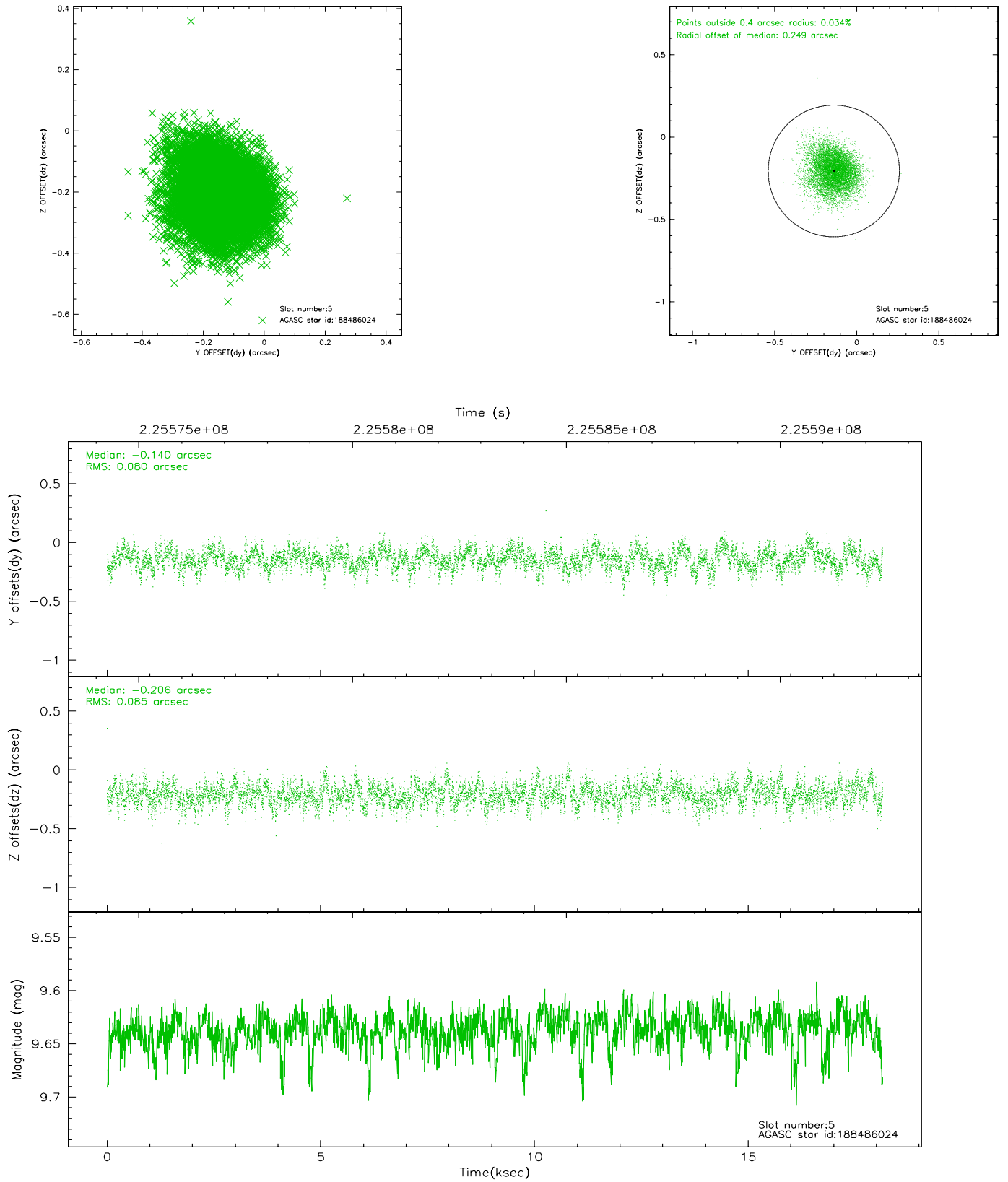
2.4.1 Slot 3



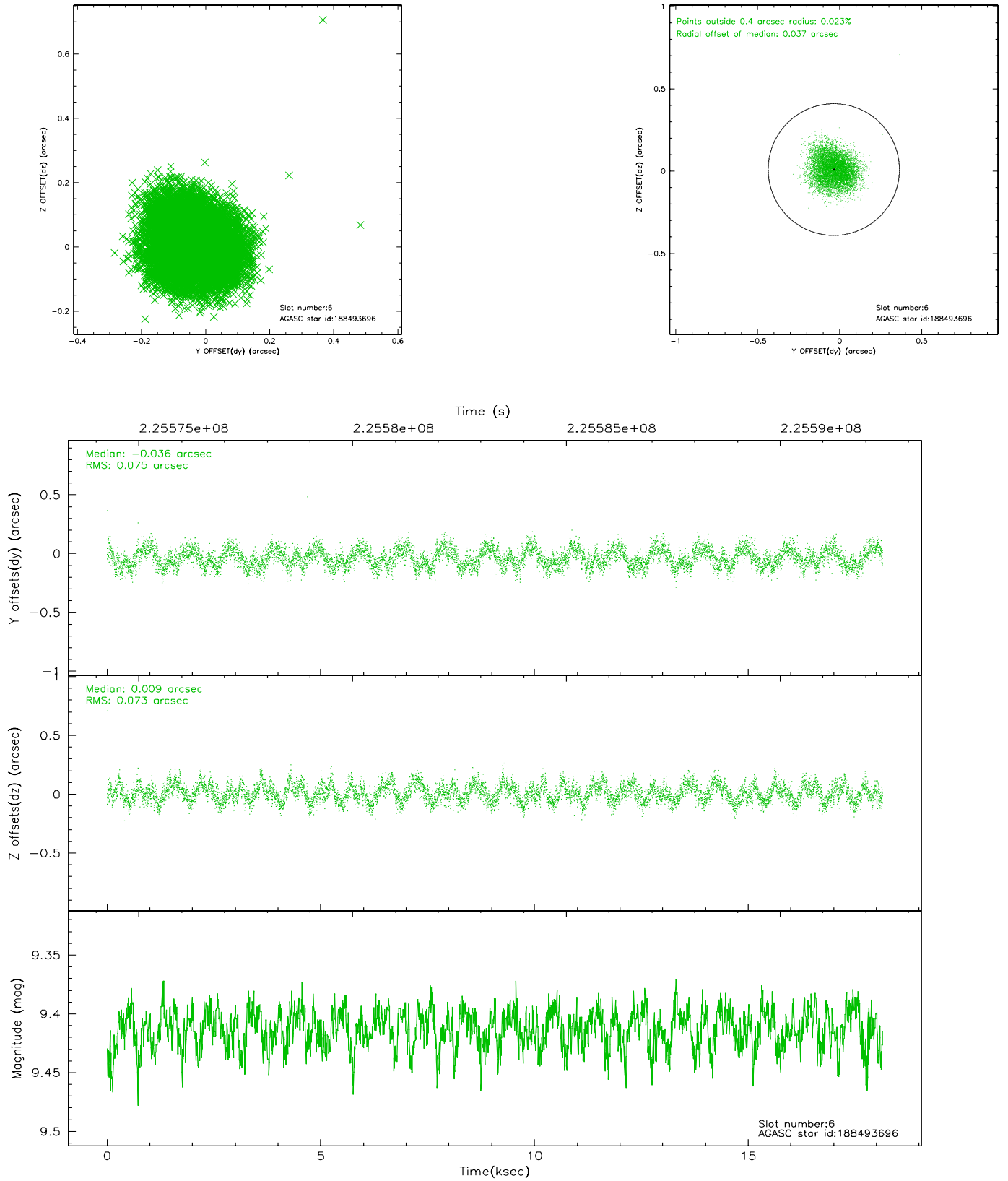
2.4.2 Slot 4



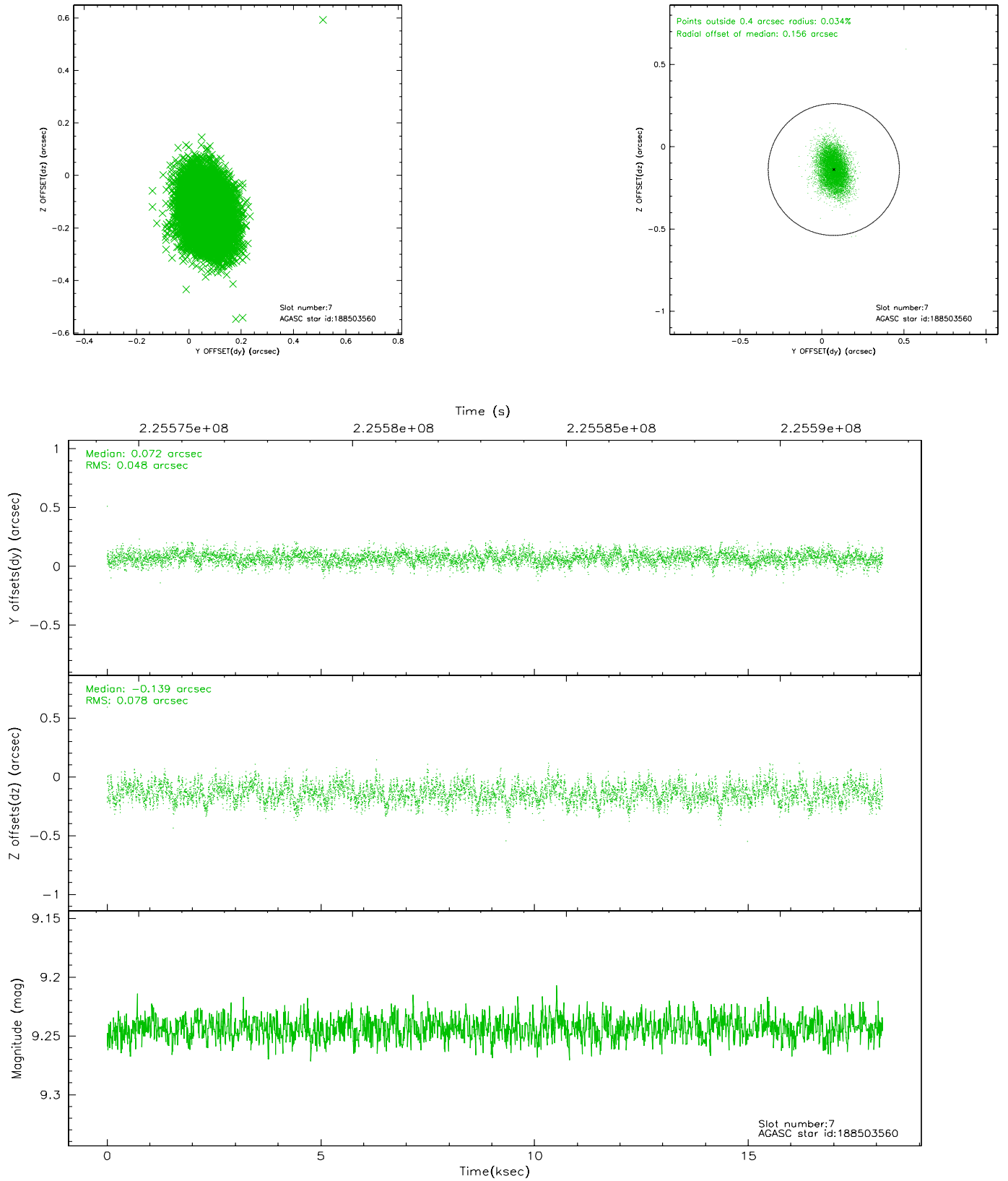
2.4.3 Slot 5



2.4.4 Slot 6

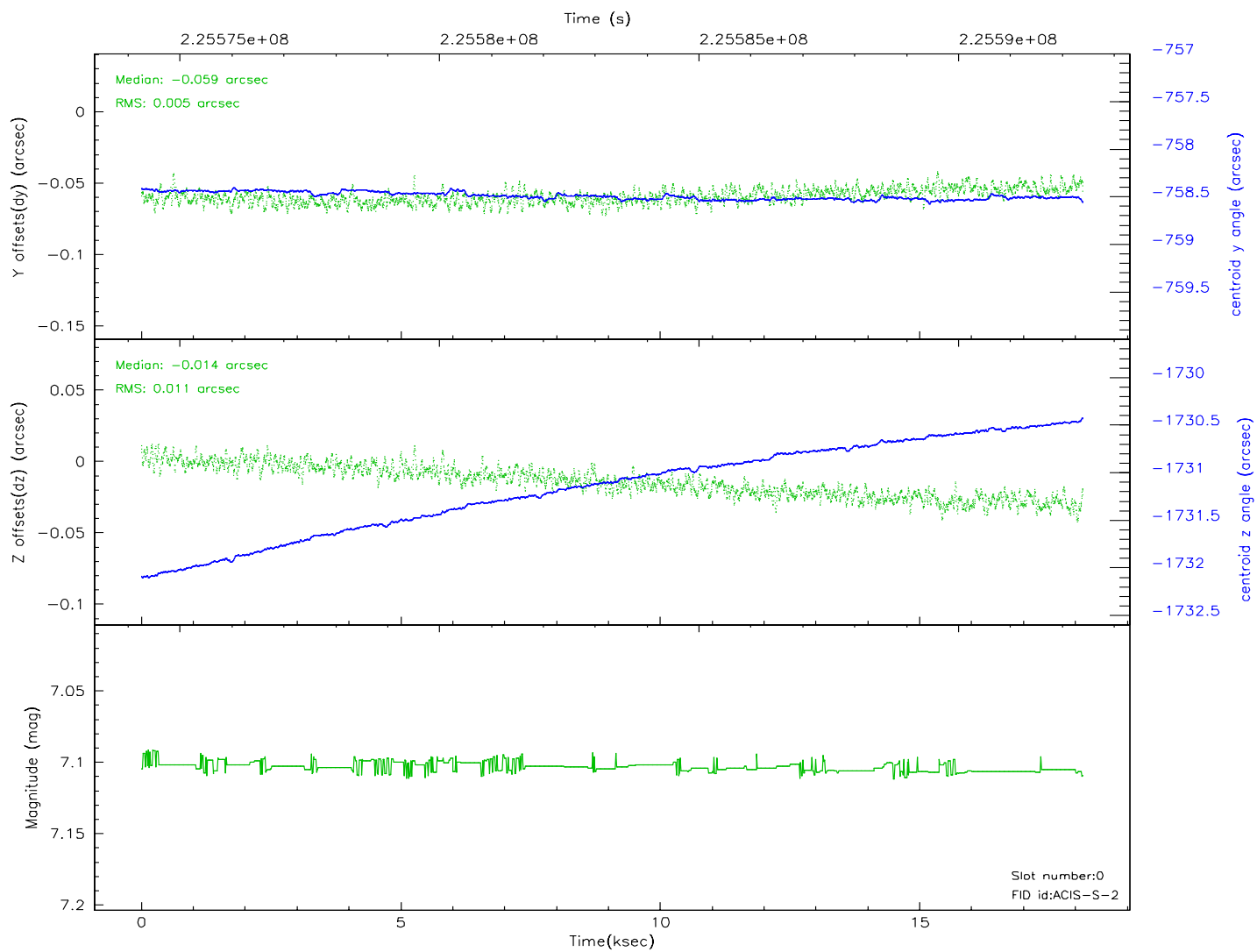
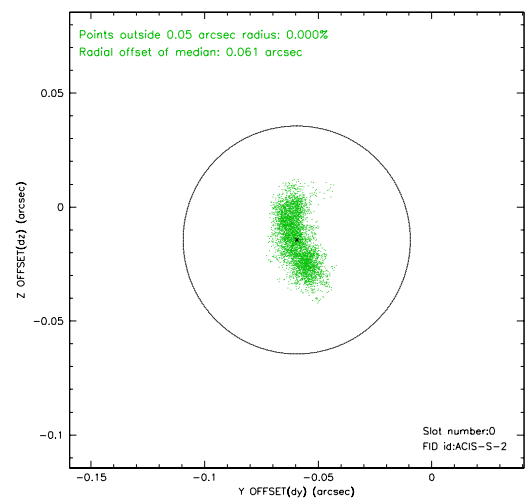
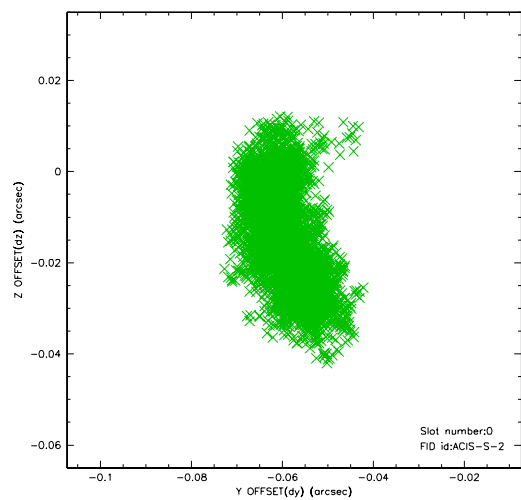


2.4.5 Slot 7

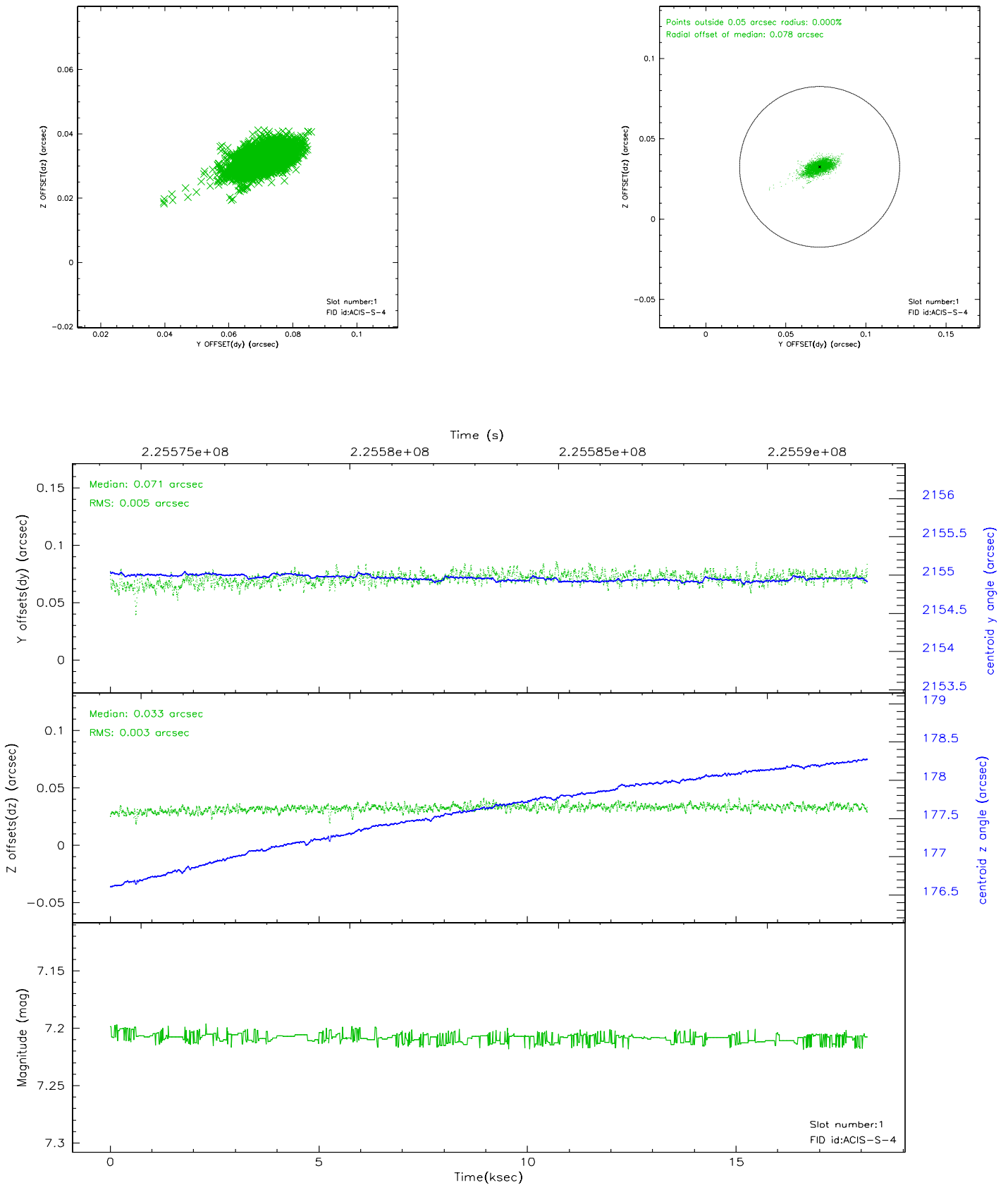


2.5 FID Slots

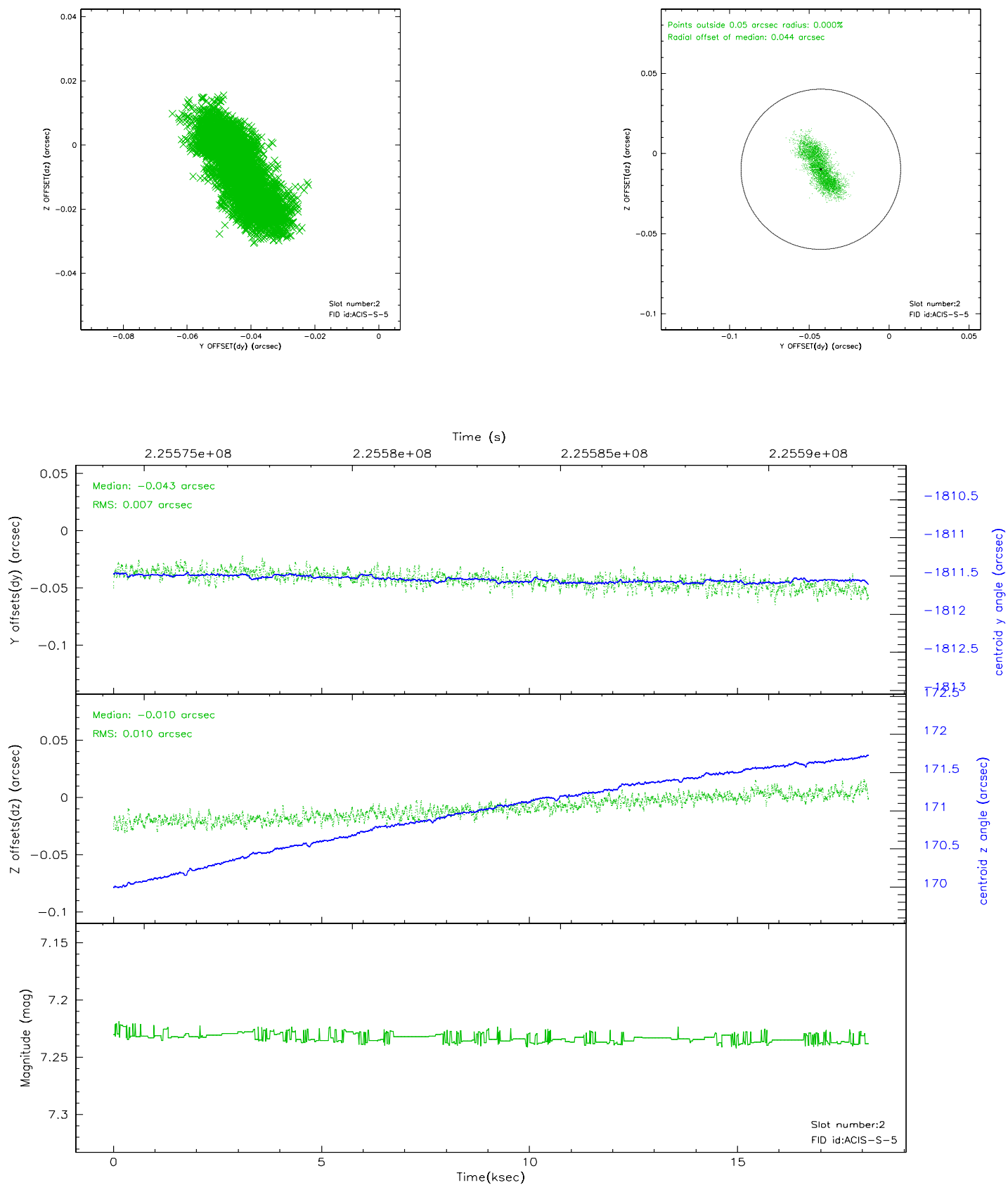
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

4.95 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.14079

A.2 Comments