

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2800 - L2 Version 001
Chandra X-Ray Center

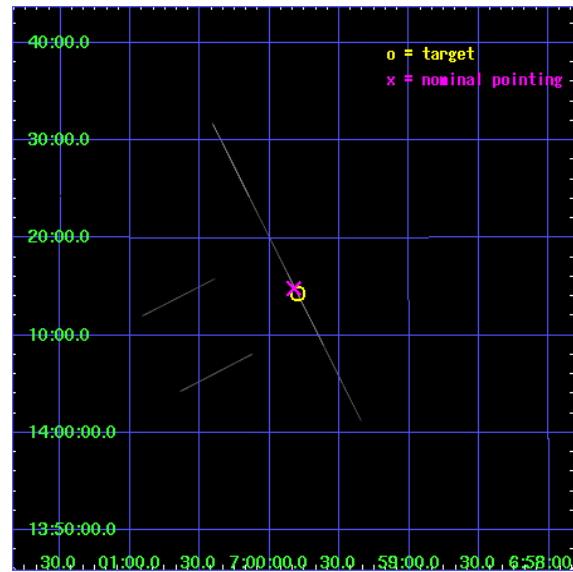
L2 Processing Date : Jan 18 2007

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1 Front

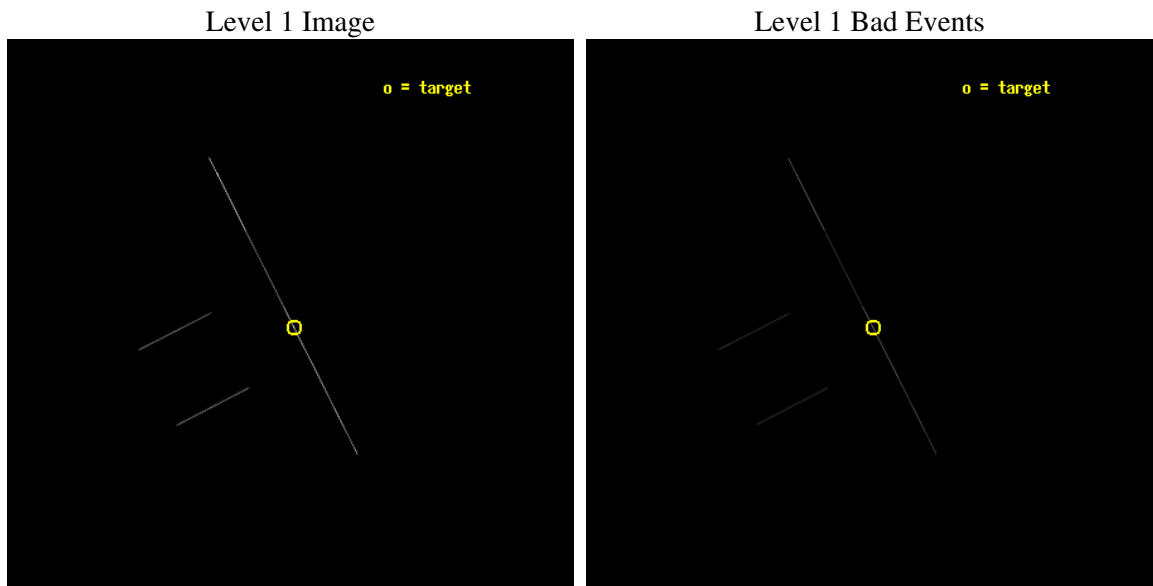
seq_num	500250
obs_id	2800
title	PSR 0656+14 AND ITS PUTATIVE PULSAR-WIND NEBULA
observer	Dr. Vyacheslav Zavlin
object	PSR 0656+14
ra_targ	104.950417
dec_targ	14.239306
ra_nom	104.95644890372
dec_nom	14.247071987435
roll_nom	63.080289102568
revision	3
ontime	25115.789736509
livetime	25017.681182851
ontime2	25117.25
ontime3	25117.25
ontime5	25117.25
ontime6	25117.25
ontime7	25115.789736509
ontime8	25117.25
l2events	349294



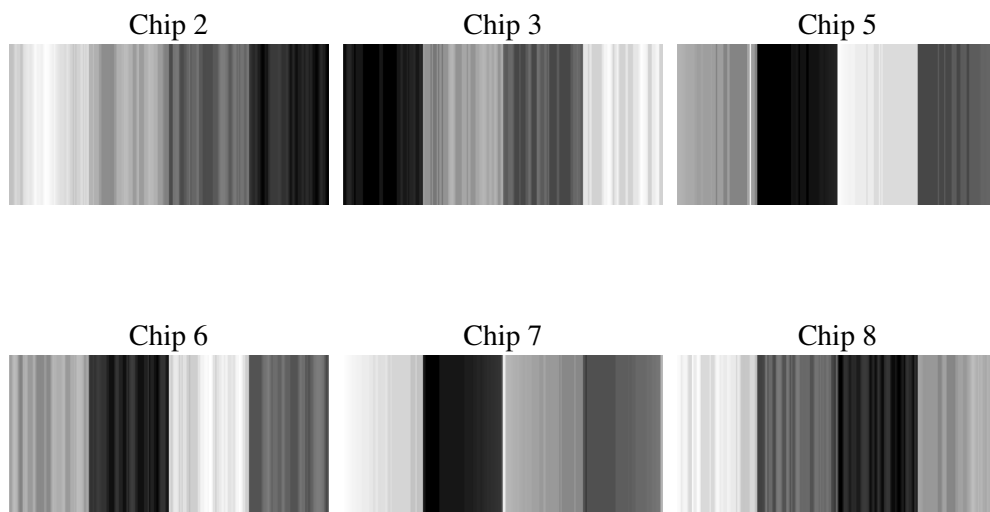
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-18T03:57:48
revision	3

sched_exp_time	25000.000000
ontime	25115.789736509
ontime2	25117.25
ontime3	25117.25
ontime5	25117.25
ontime6	25117.25
ontime7	25115.789736509
ontime8	25117.25
l1events	520501

2.1.4 Events

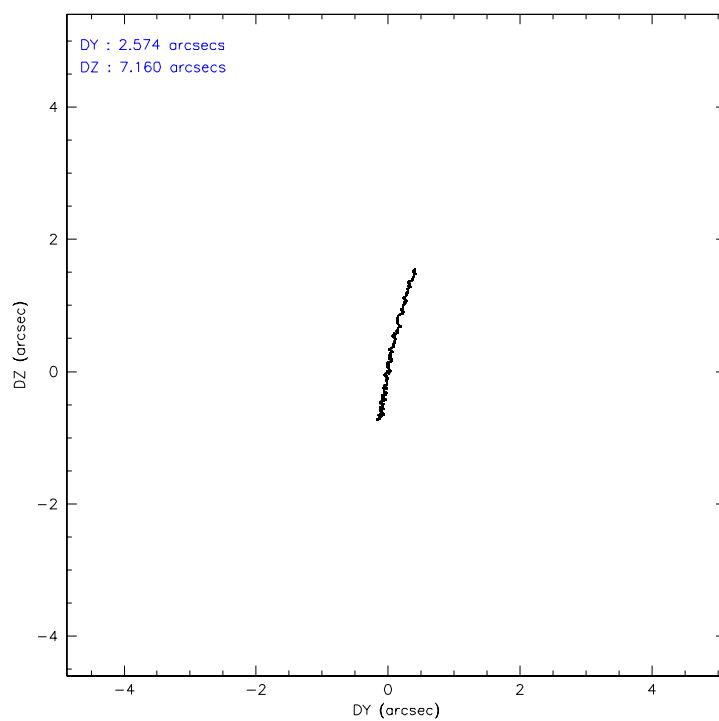
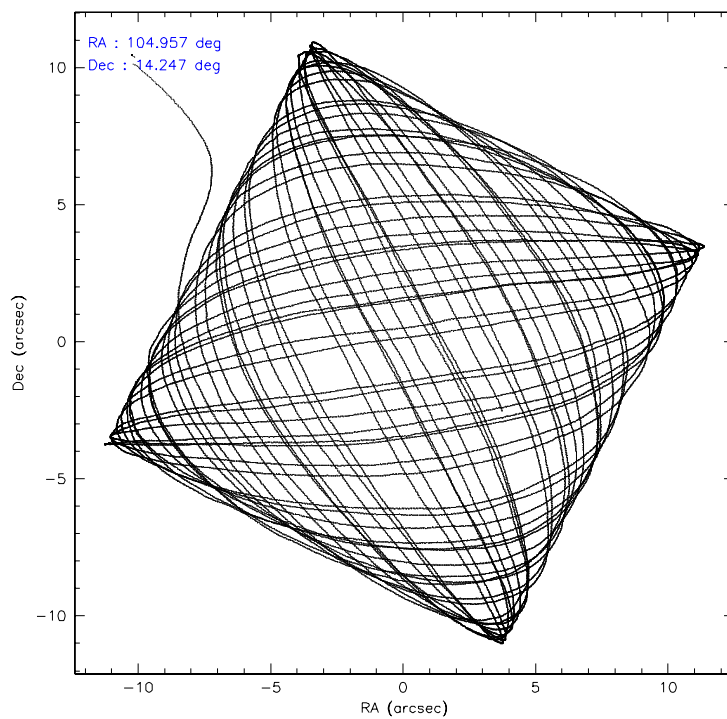
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	35327	38327	163504	38757	164633	79953
rejected events	7450	7687	22197	8245	23405	12625
rejected %	21%	20%	13%	21%	14%	15%

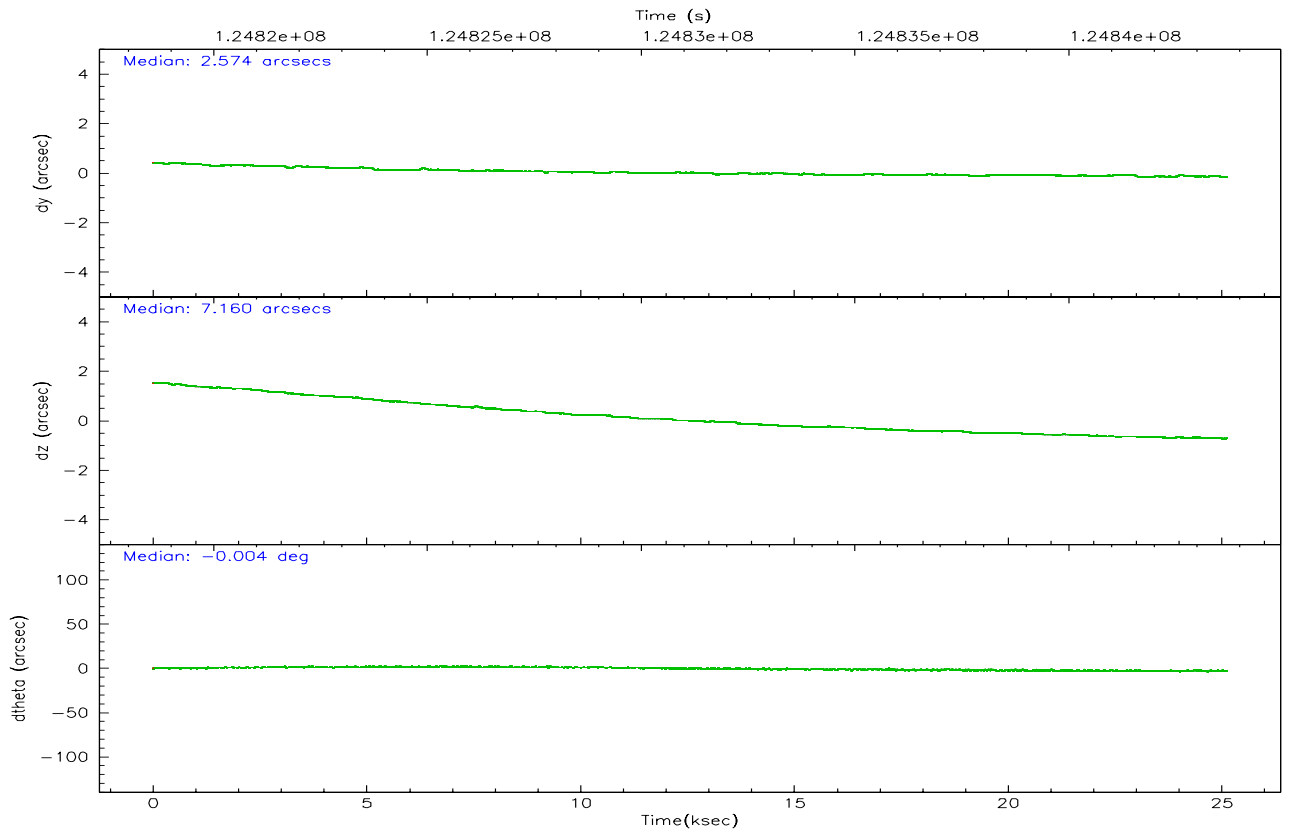
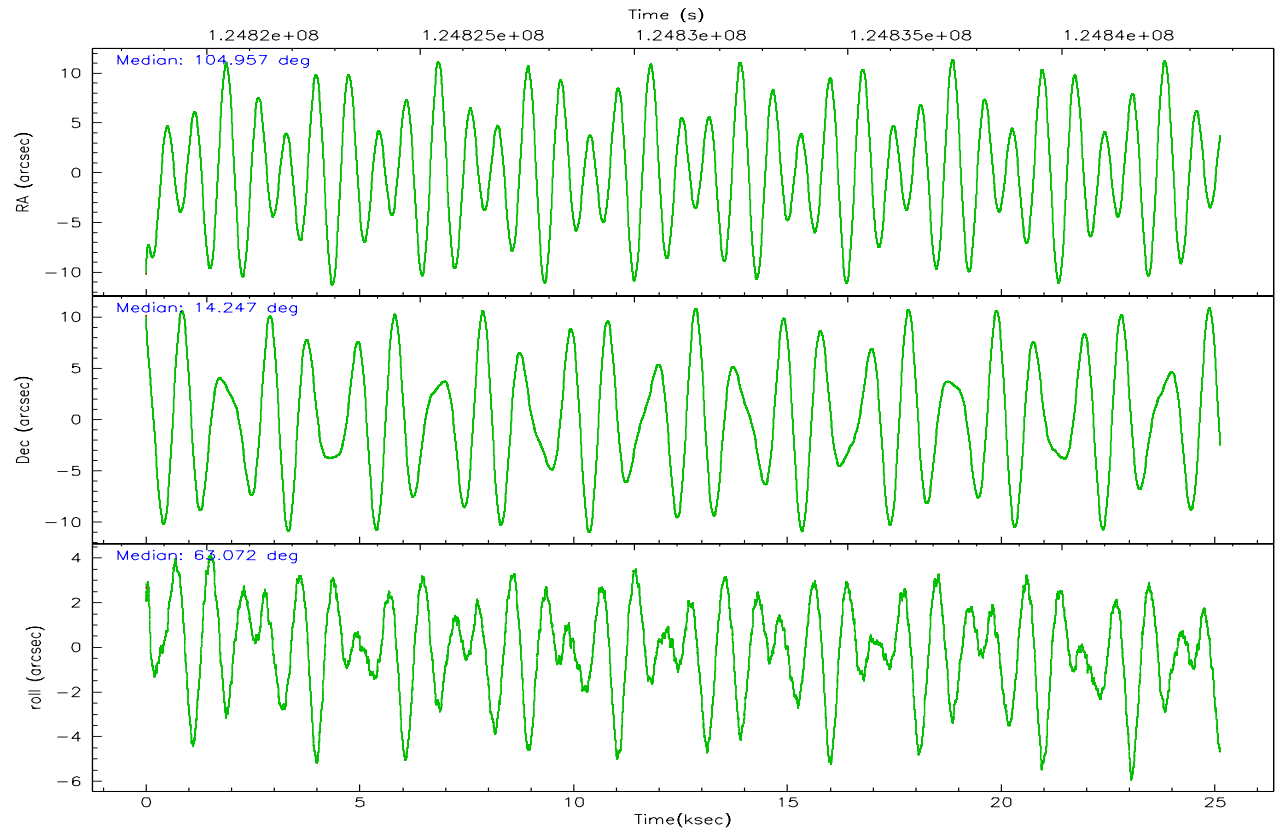
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4055	3868	34257	3874	40560	15076
	11%	10%	20%	9%	24%	18%
grade 1 events	128	126	257	130	375	236
	0%	0%	0%	0%	0%	0%
grade 2 events	11347	13015	40221	12907	32584	20981
	32%	33%	24%	33%	19%	26%
grade 3 events	3940	4686	3937	4216	11450	9340
	11%	12%	2%	10%	6%	11%
grade 4 events	4069	3939	3799	4029	11396	8716
	11%	10%	2%	10%	6%	10%
grade 5 events	5961	6222	15759	6698	18588	9413
	16%	16%	9%	17%	11%	11%
grade 6 events	5827	6471	65274	6903	49680	16191
	16%	16%	39%	17%	30%	20%
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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	104.958312	104.9564489037189	Subarray requested	NONE	NONE
Pointing Dec	14.219858	14.24707198743494	Alternating exposures requested	N	N
Pointing Roll	62.923199	63.08028910256813	Primary exposure time	0.000000	0
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	124818704.184000	124817415.55518			
Observation start date	2001-12-15T15:50:40	2001-12-15T15:30:15			
Observation end time	124843704.184000	124843838.51874			
Observation end date	2001-12-15T22:47:20	2001-12-15T22:50:38			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



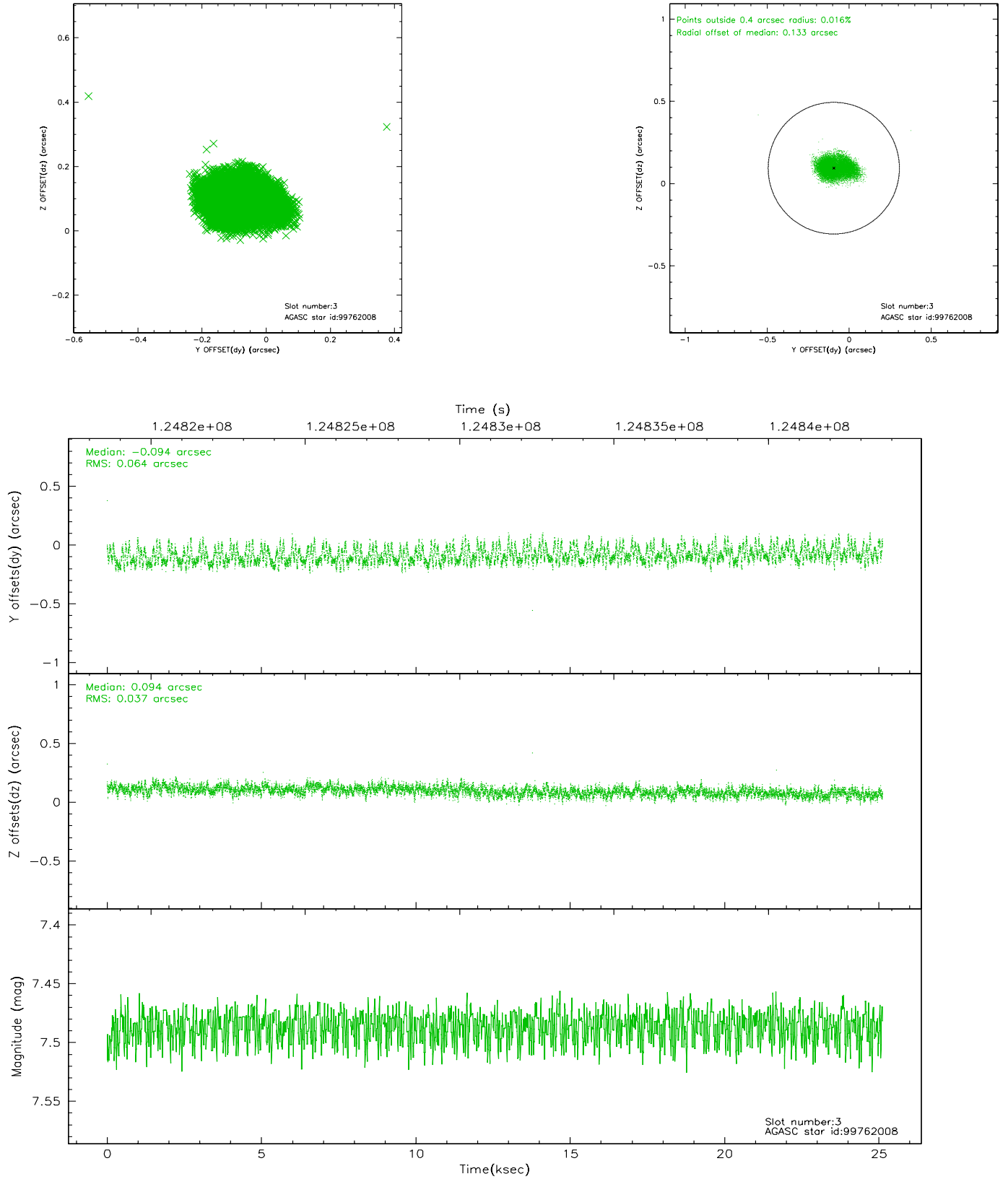


Slot Statistics

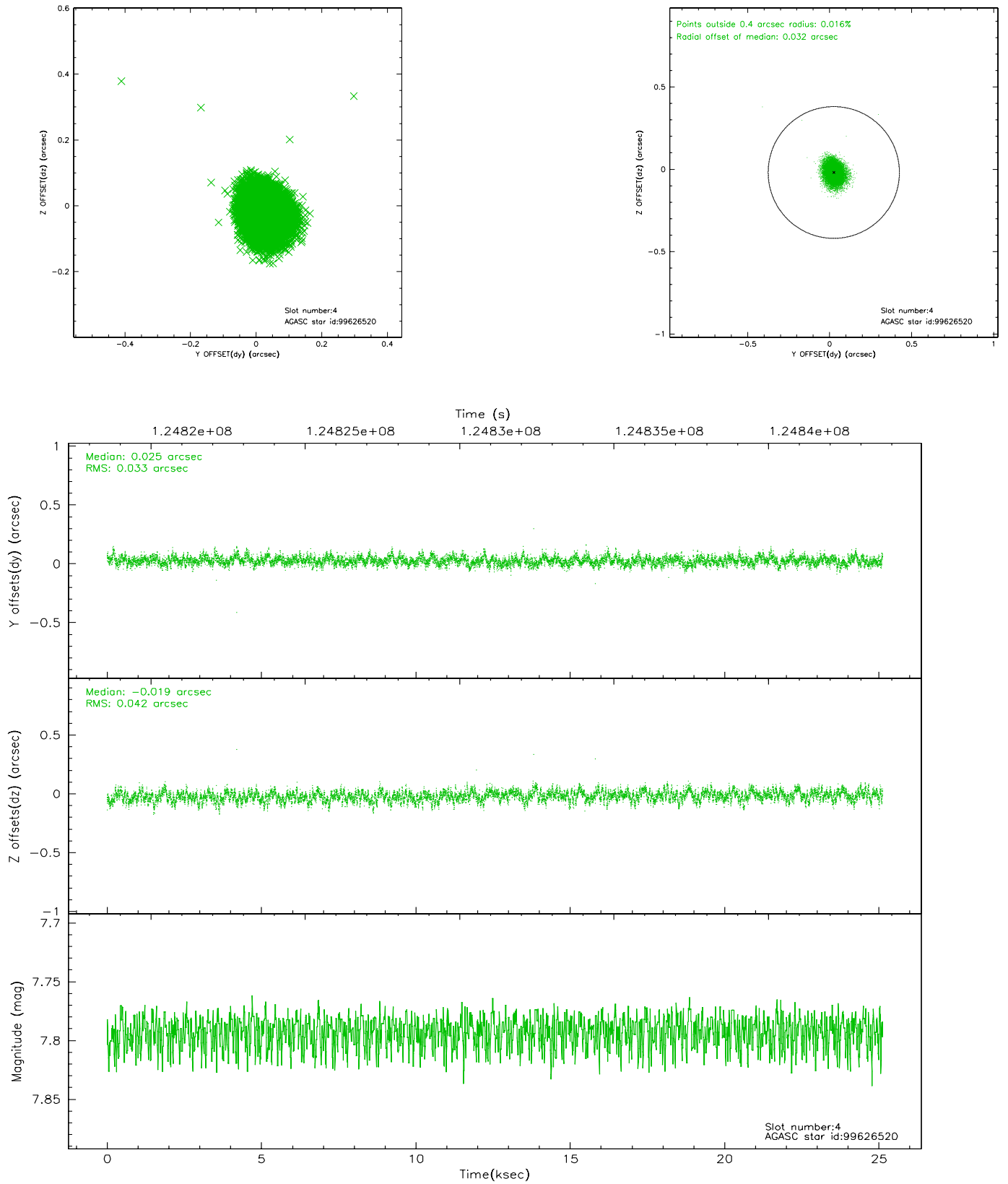
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6128	-0.010	0.022	0.018	0.025	0.000000	0.000000	-755.26	-1728.47
1	FID	ACIS-S-4	7.20	6127	-0.072	-0.000	0.022	0.033	0.000000	0.000000	2157.90	179.88
2	FID	ACIS-S-5	7.24	6128	0.053	-0.012	0.010	0.015	0.000000	0.000000	-1807.89	173.66
3	GUIDE	99762008	7.49	12255	-0.094	0.094	0.078	0.127	105.809270	14.336108	1729.08	-2449.02
4	GUIDE	99626520	7.79	12255	0.025	-0.019	0.056	0.092	104.527461	14.228695	-654.56	1354.02
5	GUIDE	99634584	8.43	12254	0.115	-0.073	0.061	0.103	104.341882	13.801780	-2318.44	1235.36
6	GUIDE	99756168	8.75	12250	-0.133	0.086	0.091	0.138	105.592210	14.661738	2424.19	-1239.32
7	GUIDE	99629096	9.14	12250	0.079	-0.089	0.095	0.151	104.163989	14.029616	-1868.25	2160.72

2.4 Star Slots

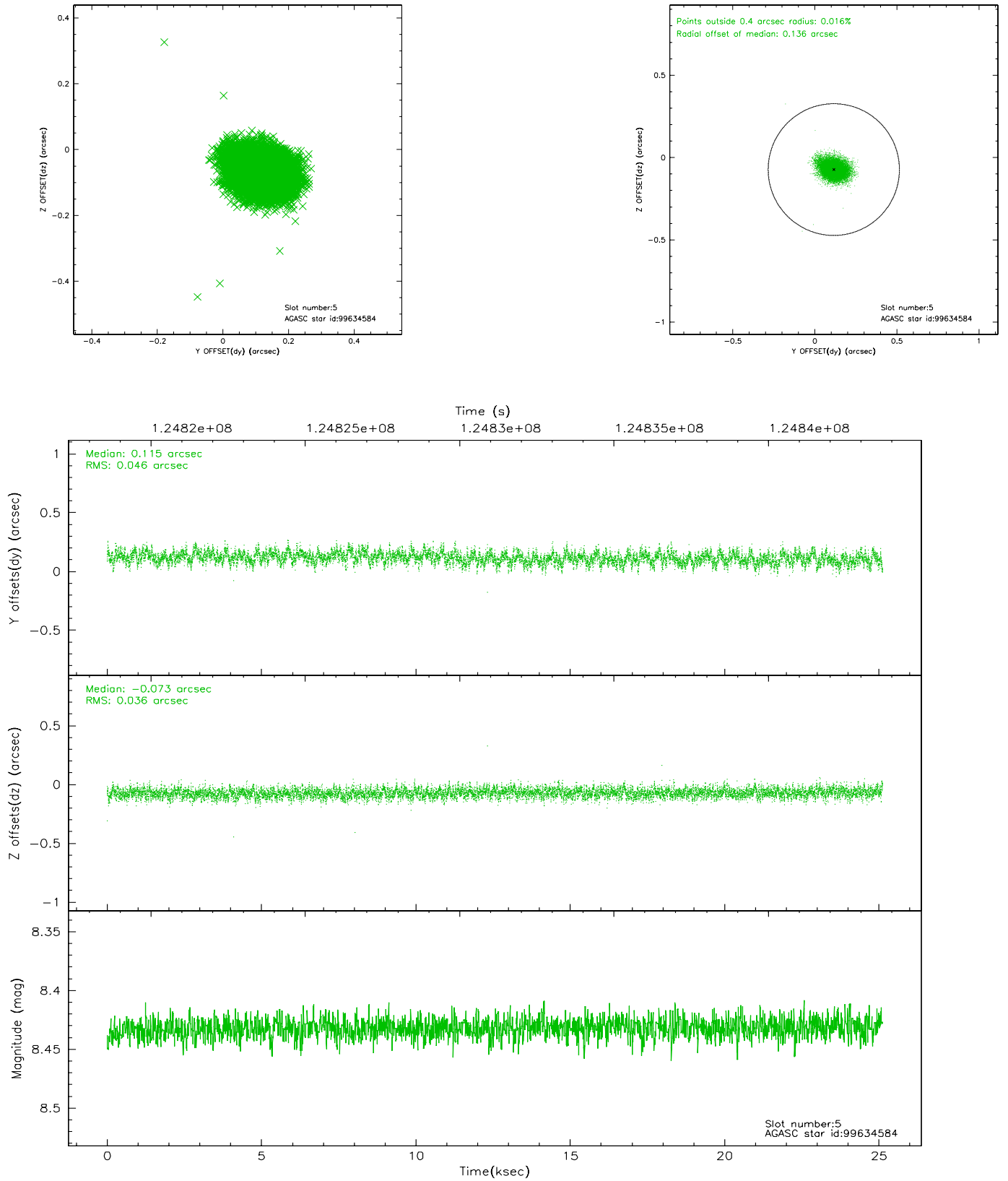
2.4.1 Slot 3



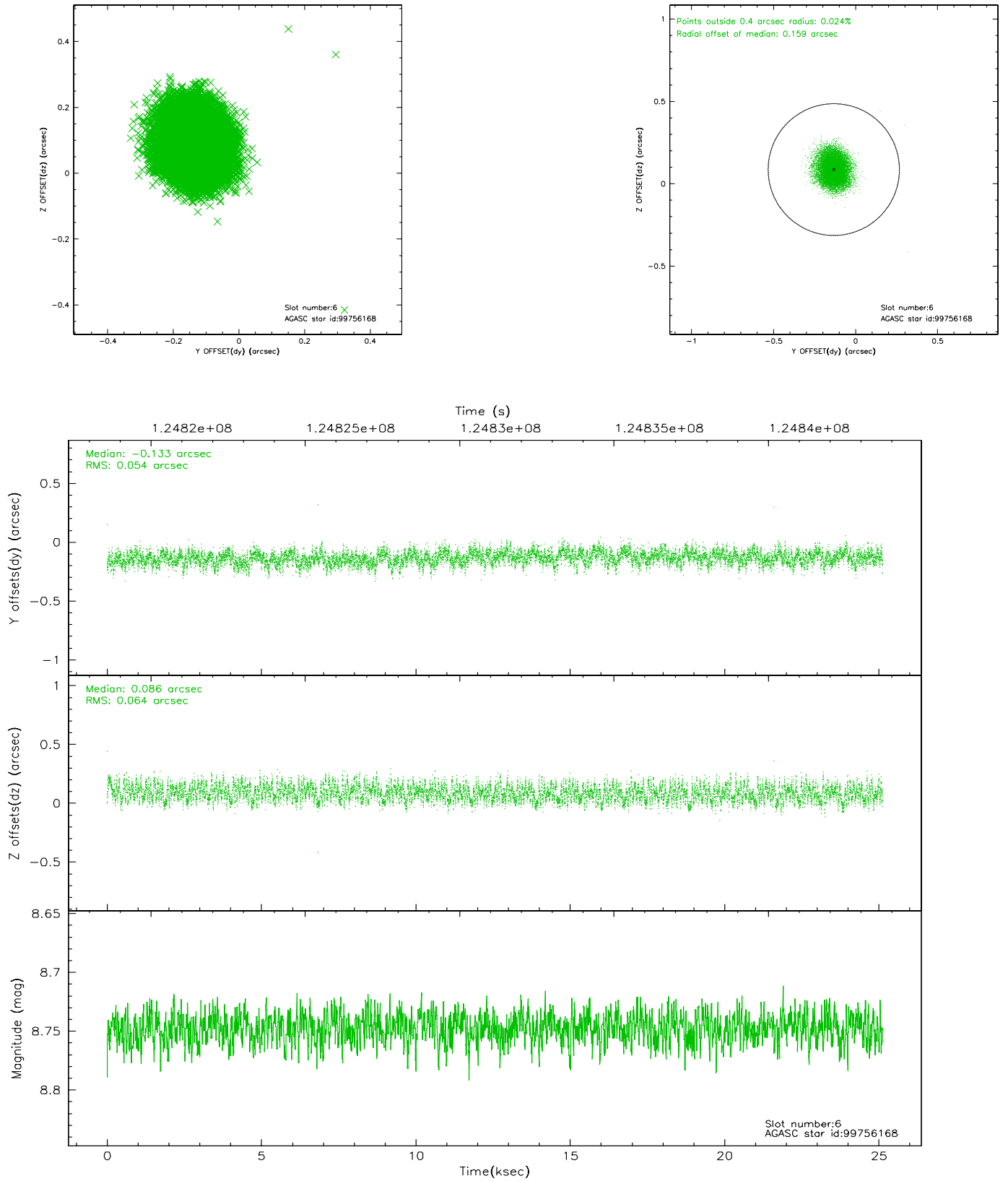
2.4.2 Slot 4



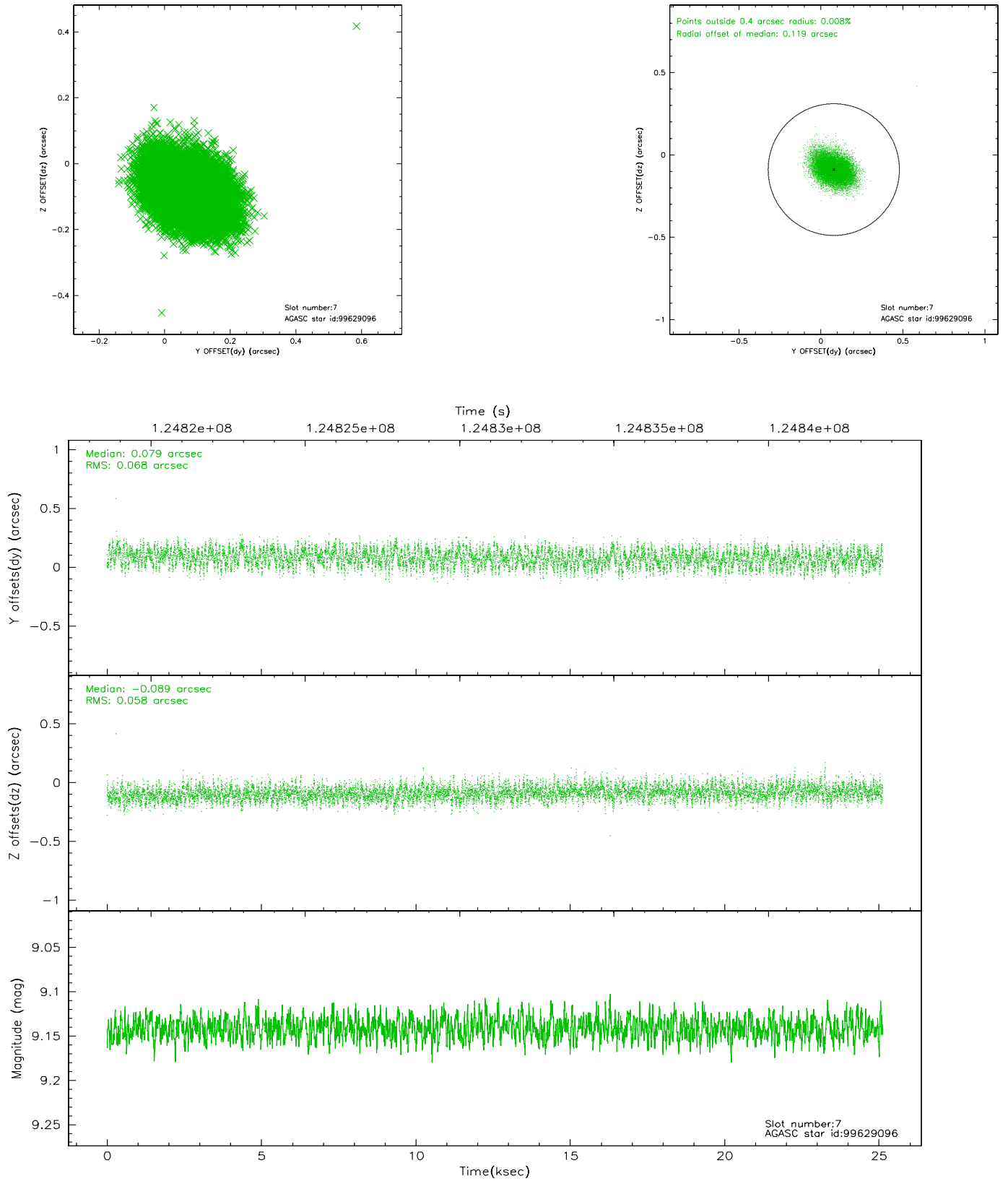
2.4.3 Slot 5



2.4.4 Slot 6

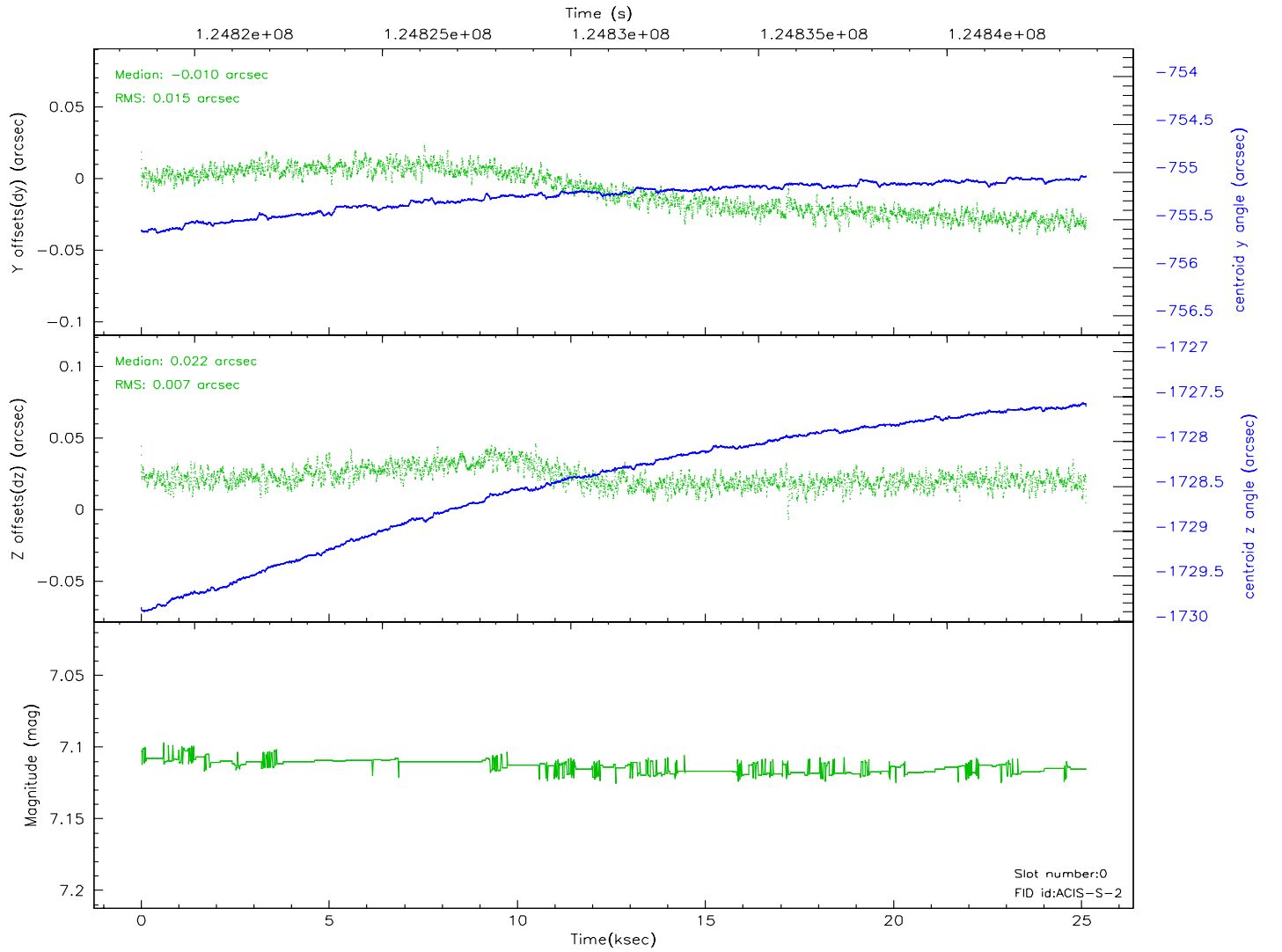
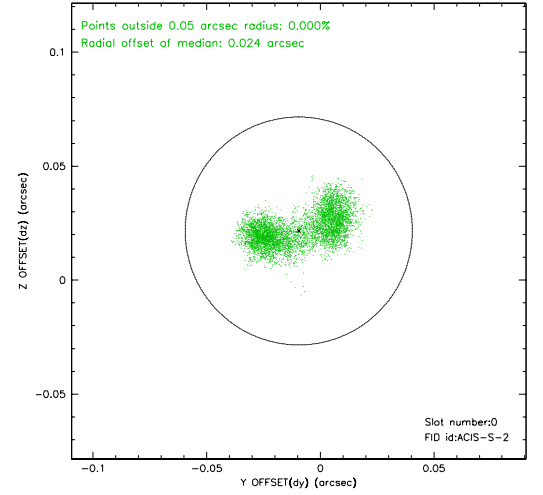
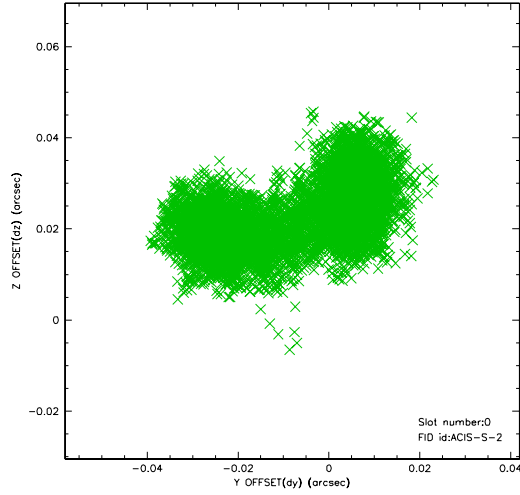


2.4.5 Slot 7

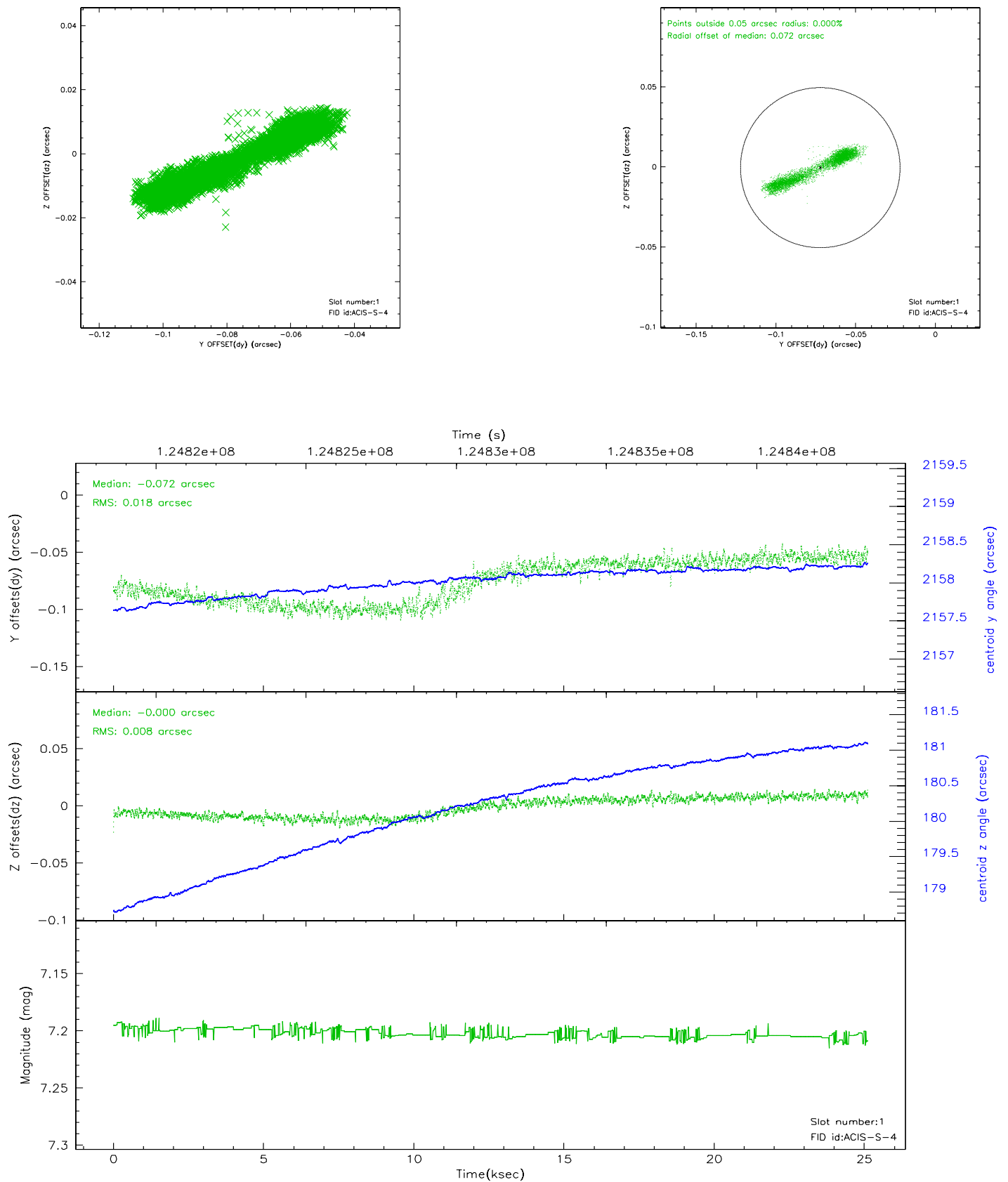


2.5 FID Slots

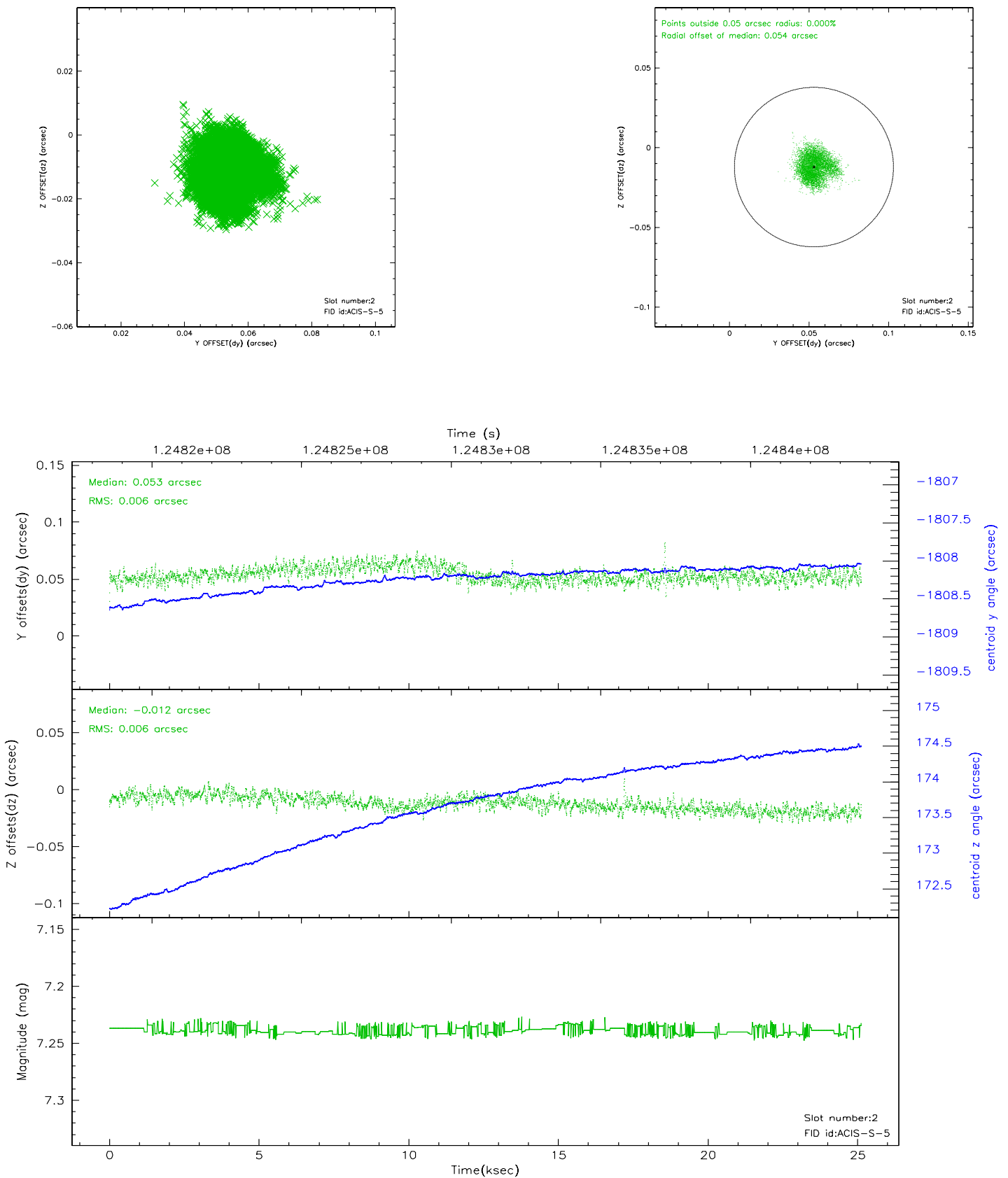
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2007.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.119

A.2 Comments