

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2683 - L2 Version 001
Chandra X-Ray Center

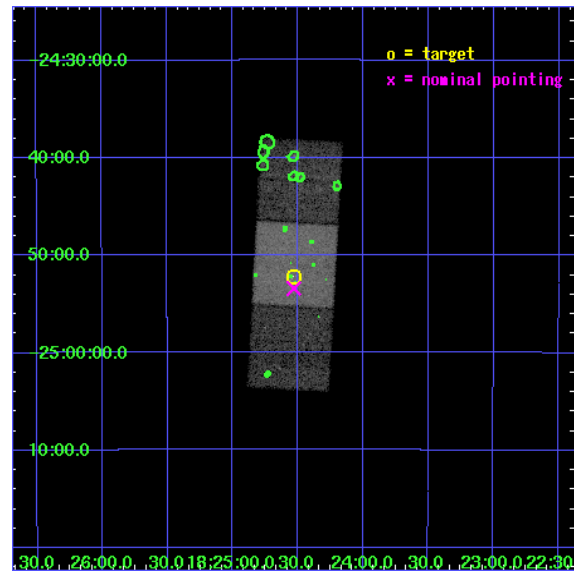
L2 Processing Date : Oct 2 2006

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1 Front

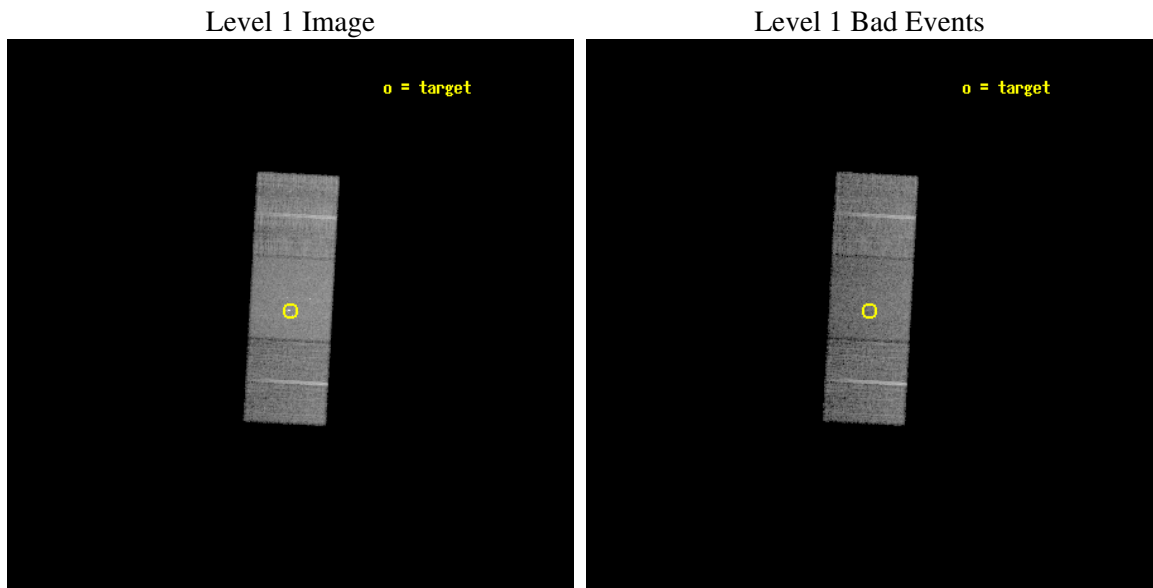
seq_num	300084
obs_id	2683
title	MULTIWAVELENGTH STUDY OF THE GLOBULAR CLUSTER M28 (NGC~6626)
observer	Dr. Werner Becker
object	M28
dtcycle	0
cycle	P
ra_targ	276.133333
dec_targ	-24.869639
ra_nom	276.13269315085
dec_nom	-24.890408157699
roll_nom	273.15760254303
revision	2
ontime	14297.19997251
liveltime	14110.396529424
ontime6	14297.19997251
ontime7	14297.19997251
ontime8	14294.059012294
l2events	83161



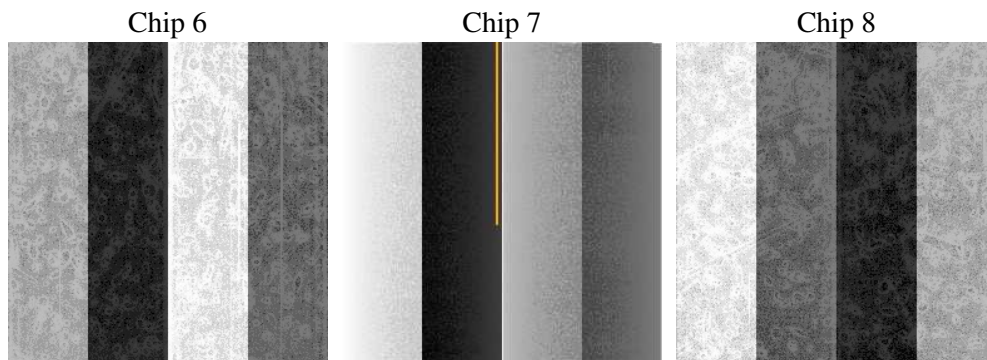
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-02T23:35:37
revision	2

sched_exp_time	13933.000000
ontime	14300.984930843
ontime6	14300.984930843
ontime7	14300.984930843
ontime8	14297.843970627
l1events	342163

2.1.4 Events

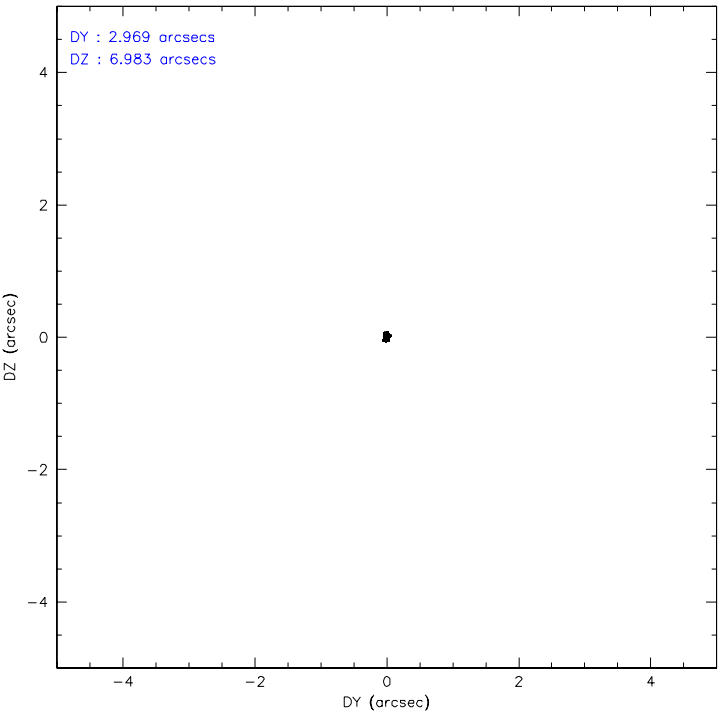
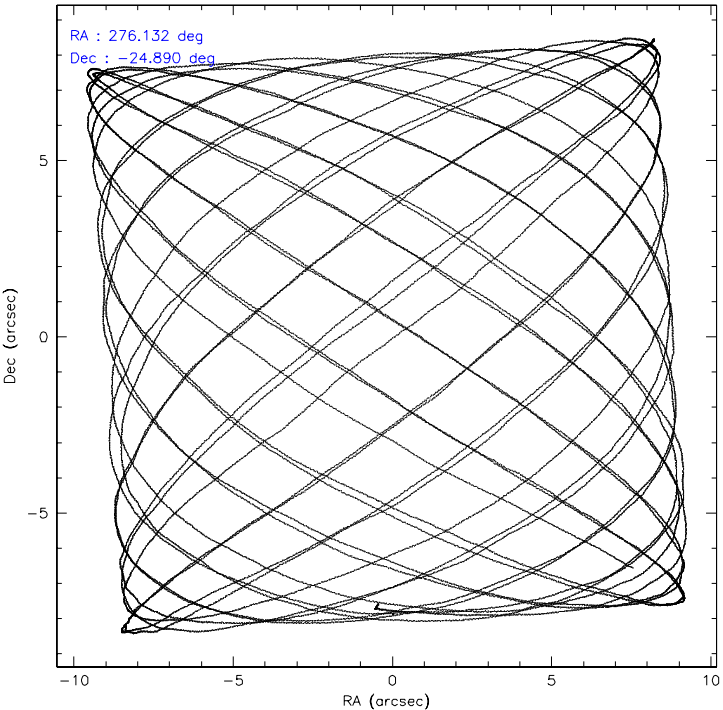
	ccd 6	ccd 7	ccd 8
level 1 events	90824	127457	123882
rejected events	76222	71104	88625
rejected %	83%	55%	71%

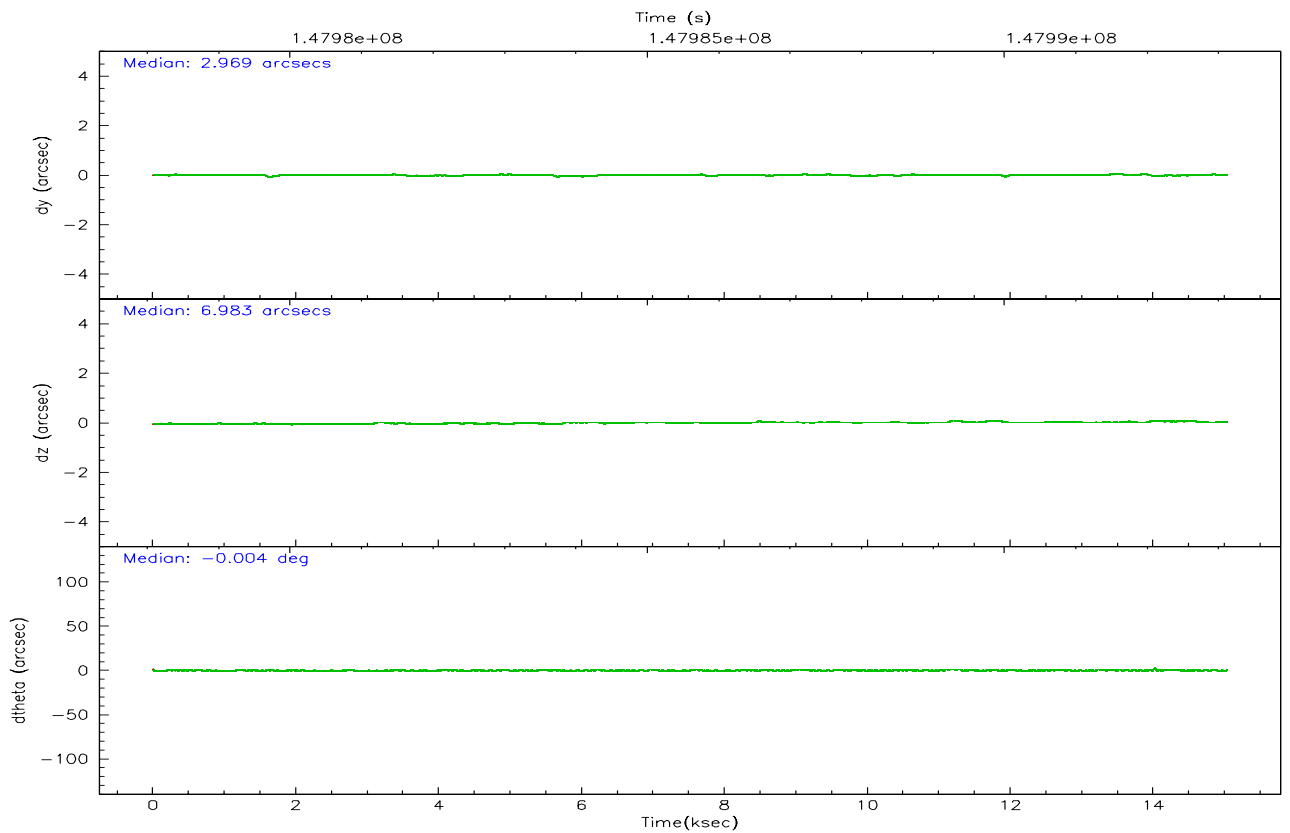
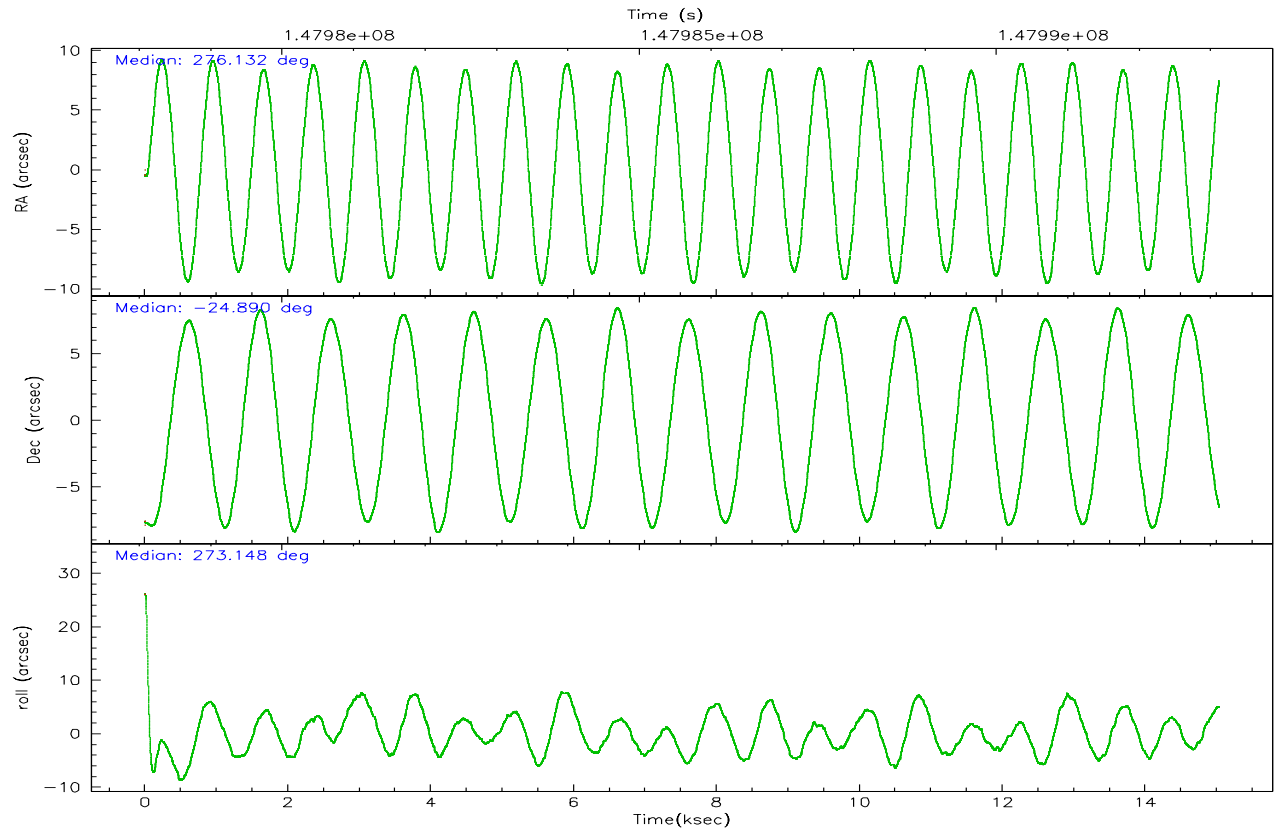
	ccd 6	ccd 7	ccd 8
grade 0 events	7380	4804	13346
	8%	3%	10%
grade 1 events	41	85	110
	0%	0%	0%
grade 2 events	2791	13645	6336
	3%	10%	5%
grade 3 events	1056	3395	4328
	1%	2%	3%
grade 4 events	1022	3307	3933
	1%	2%	3%
grade 5 events	3834	7878	5013
	4%	6%	4%
grade 6 events	2357	31221	7320
	2%	24%	5%
grade 7 events	72343	63122	83496
	79%	49%	67%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-678	ACIS-678	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	276.115936	276.1326931508512	Subarray requested	NONE	NONE
Pointing Dec	-24.867800	-24.89040815769859	Alternating exposures requested	N	N
Pointing Roll	272.993895	273.1576025430265	Primary exposure time	0.000000	3.1
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	147979185.184000	147977767.61041			
Observation start date	2002-09-09T17:18:41	2002-09-09T16:56:07			
Observation end time	147993118.184000	147993584.89856			
Observation end date	2002-09-09T21:10:54	2002-09-09T21:19:44			
Read mode	TIMED	TIMED			

2.3 Aspect



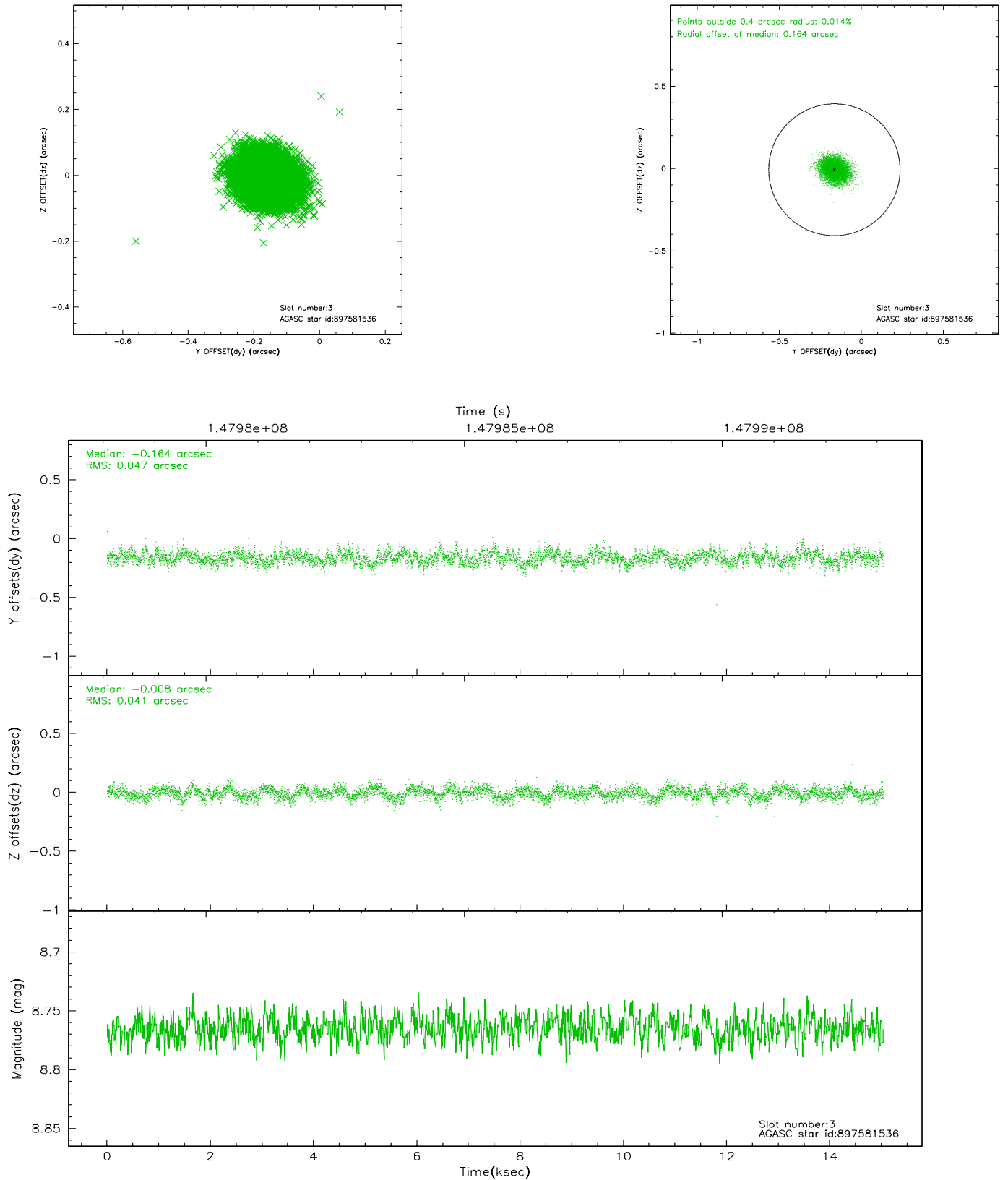


Slot Statistics

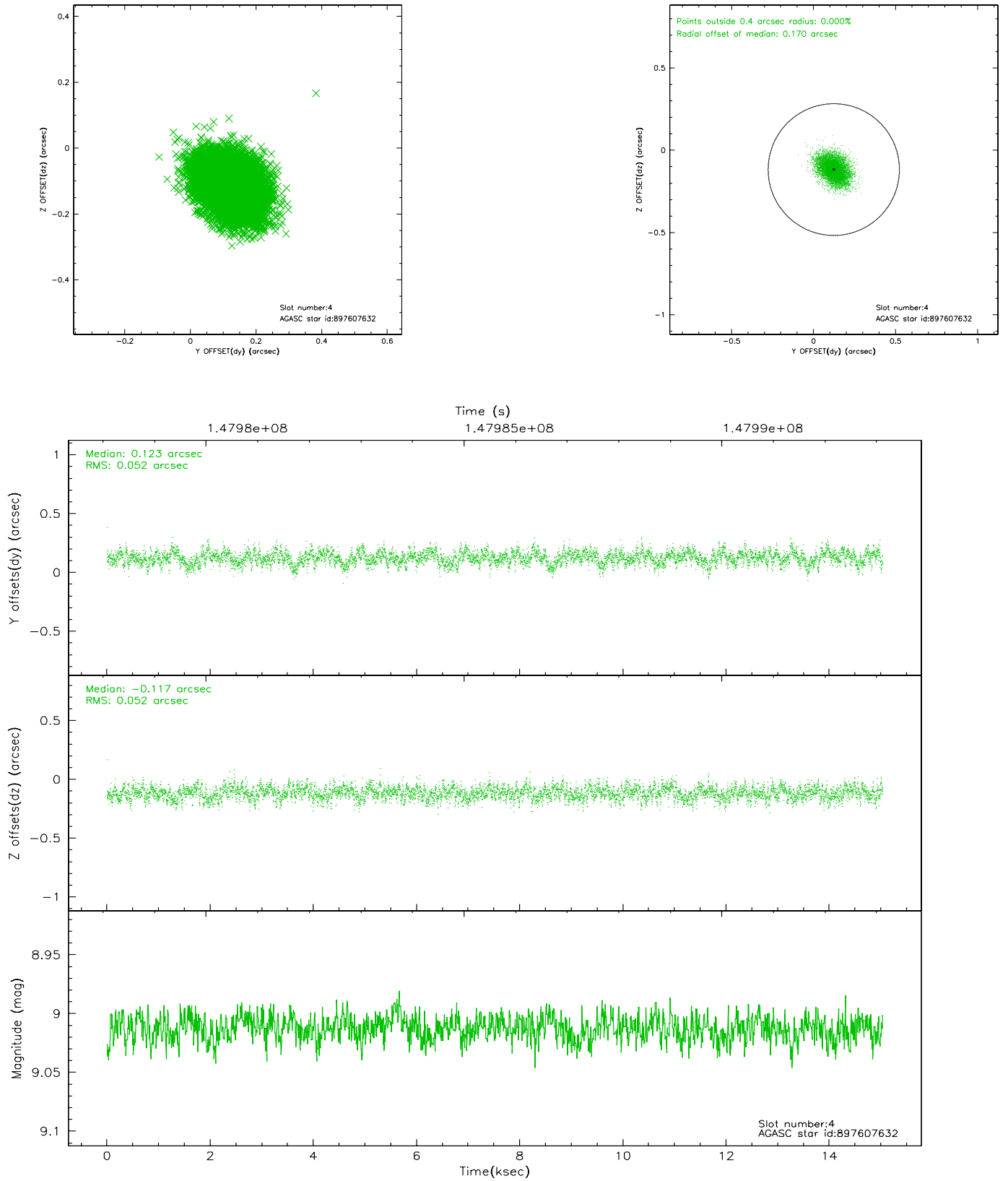
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	3668	0.009	0.018	0.005	0.010	0.000000	0.000000	-755.59	-1728.13
1	FID	ACIS-S-4	7.20	3667	-0.026	-0.004	0.006	0.010	0.000000	0.000000	2157.51	180.03
2	FID	ACIS-S-6	7.35	3667	-0.011	-0.007	0.007	0.012	0.000000	0.000000	406.75	817.76
3	GUIDE	897581536	8.77	7330	-0.164	-0.008	0.067	0.107	276.270189	-24.414428	-1602.61	590.63
4	GUIDE	897607632	9.01	7330	0.123	-0.117	0.079	0.127	275.528210	-25.239953	1243.28	-1980.62
5	GUIDE	897076488	9.45	7331	-0.094	-0.030	0.088	0.143	275.884089	-24.287832	-2123.03	-650.75
6	GUIDE	897604816	9.64	7320	0.037	0.035	0.113	0.188	276.024863	-24.968377	346.84	-315.05
7	GUIDE	899302416	9.98	7325	0.099	0.117	0.132	0.213	276.809098	-24.823125	-35.92	2270.58

2.4 Star Slots

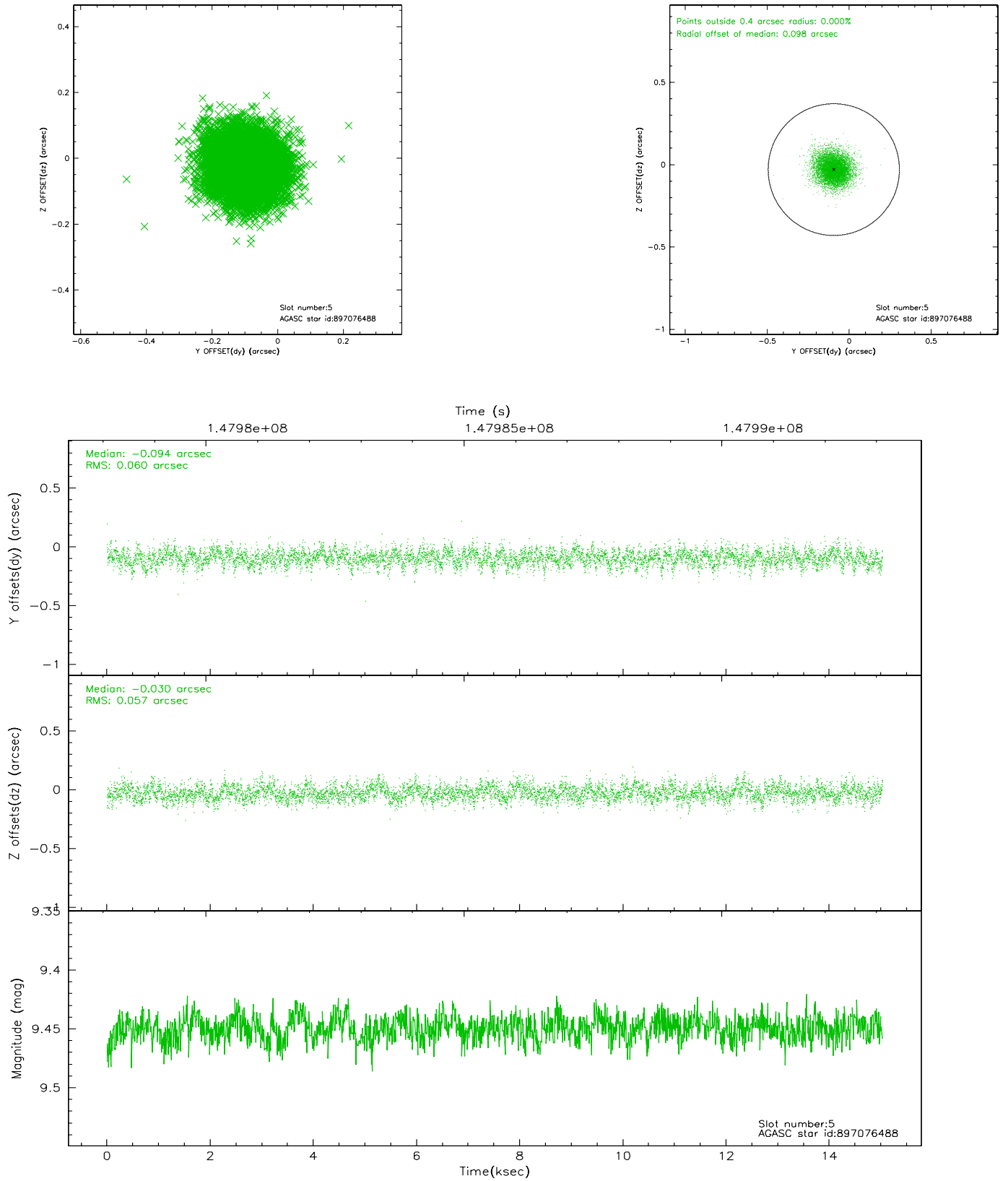
2.4.1 Slot 3



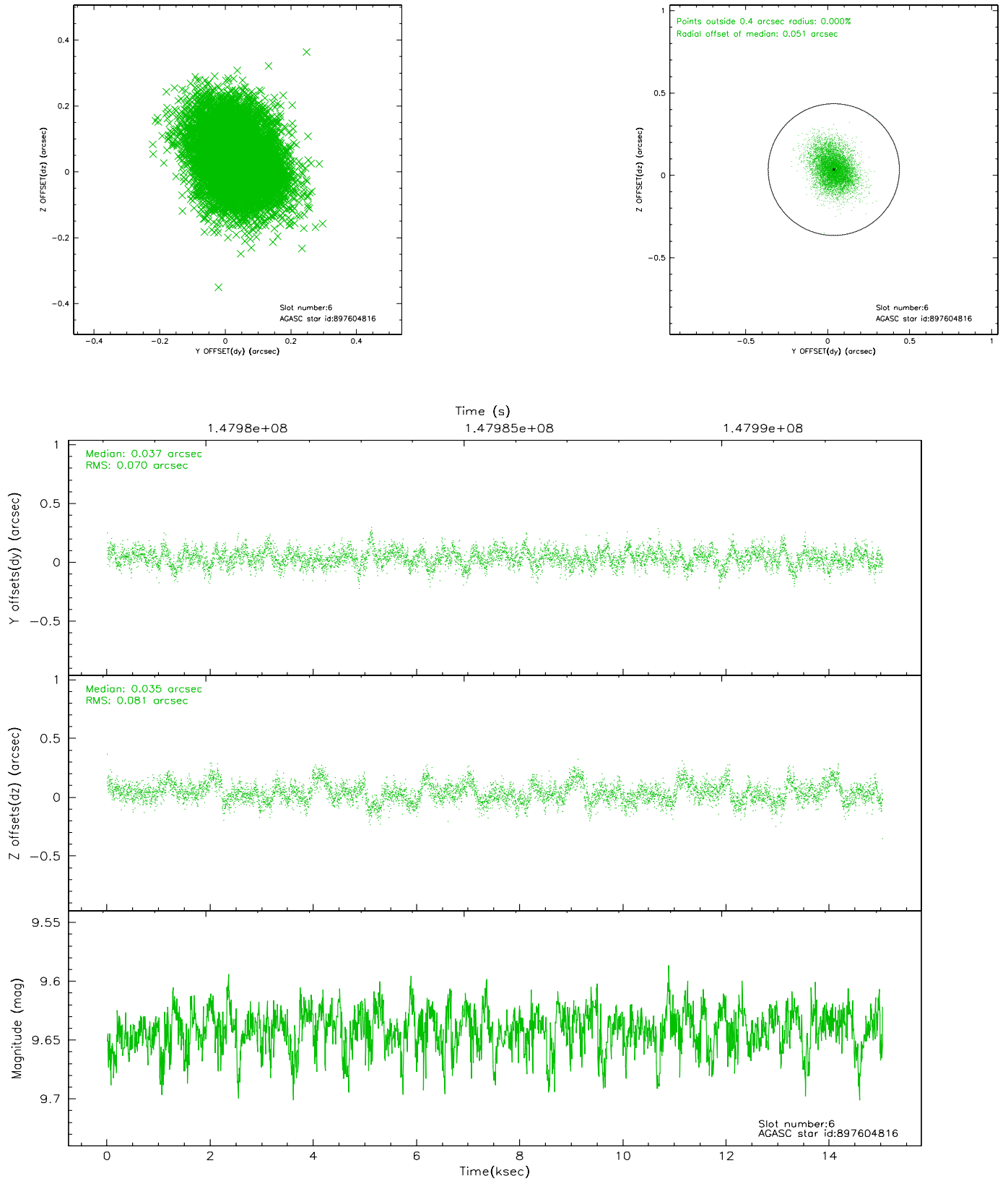
2.4.2 Slot 4



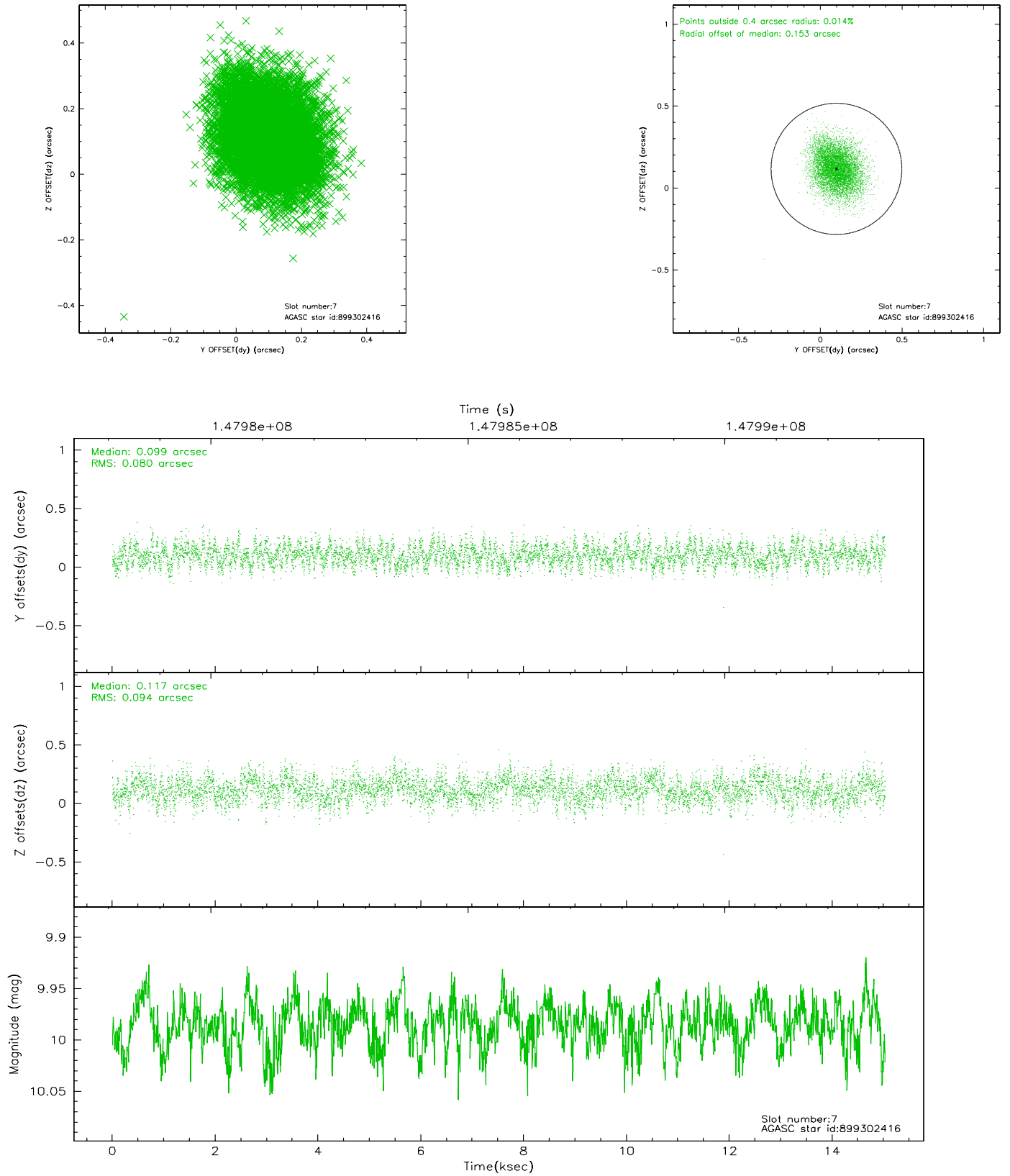
2.4.3 Slot 5



2.4.4 Slot 6

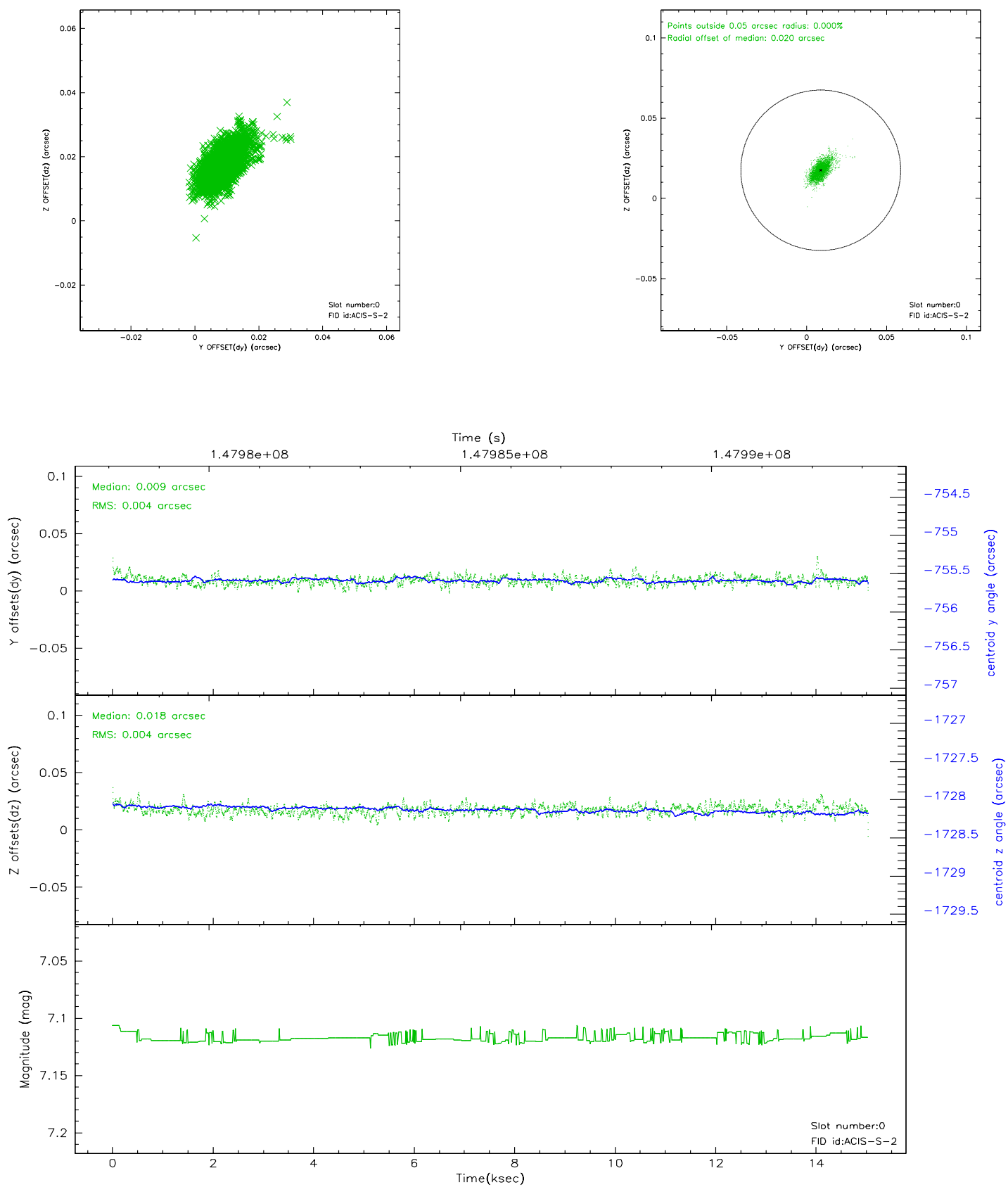


2.4.5 Slot 7

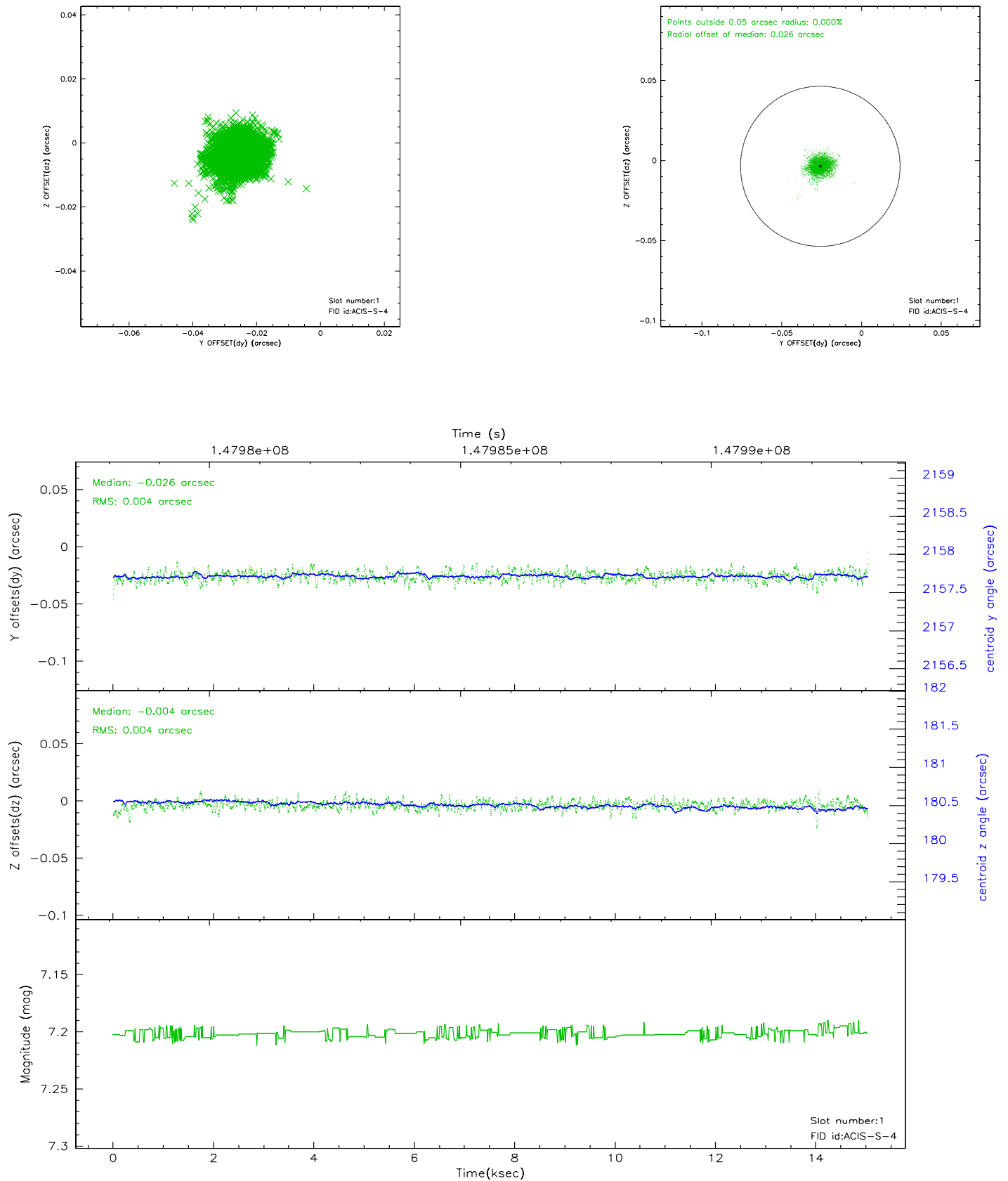


2.5 FID Slots

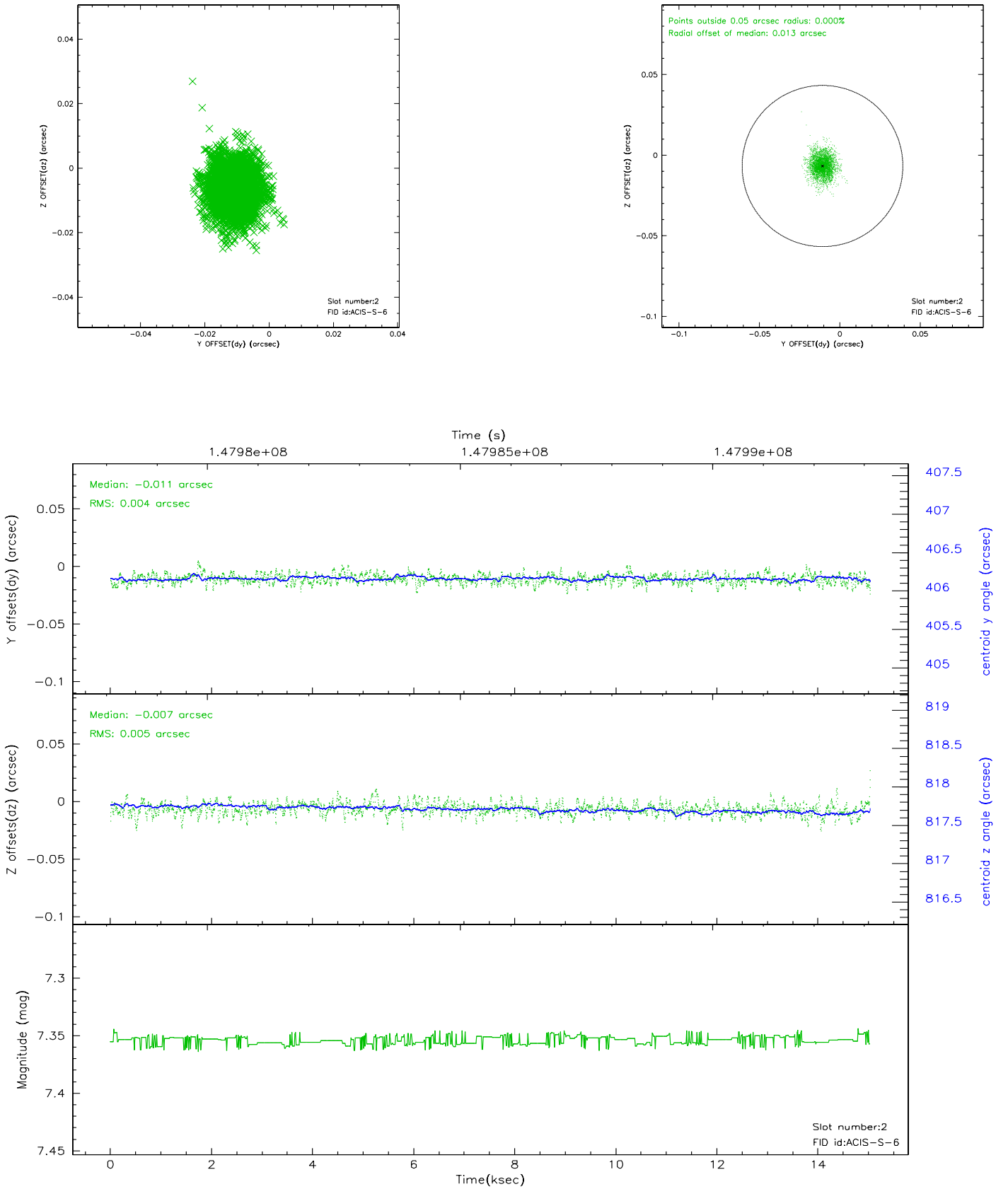
2.5.1 Slot 0



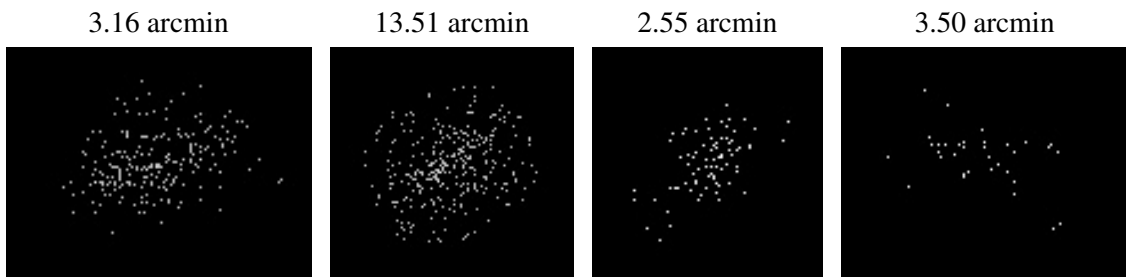
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.297

A.2 Comments