

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4517 - L2 Version 001
Chandra X-Ray Center

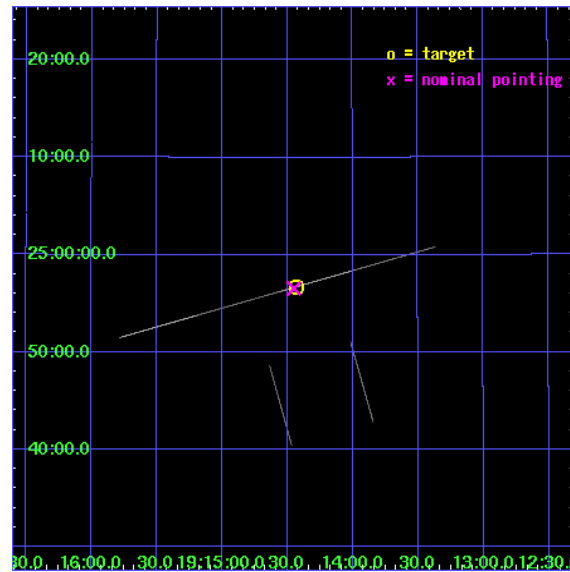
L2 Processing Date : Jun 22 2006

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1 Front

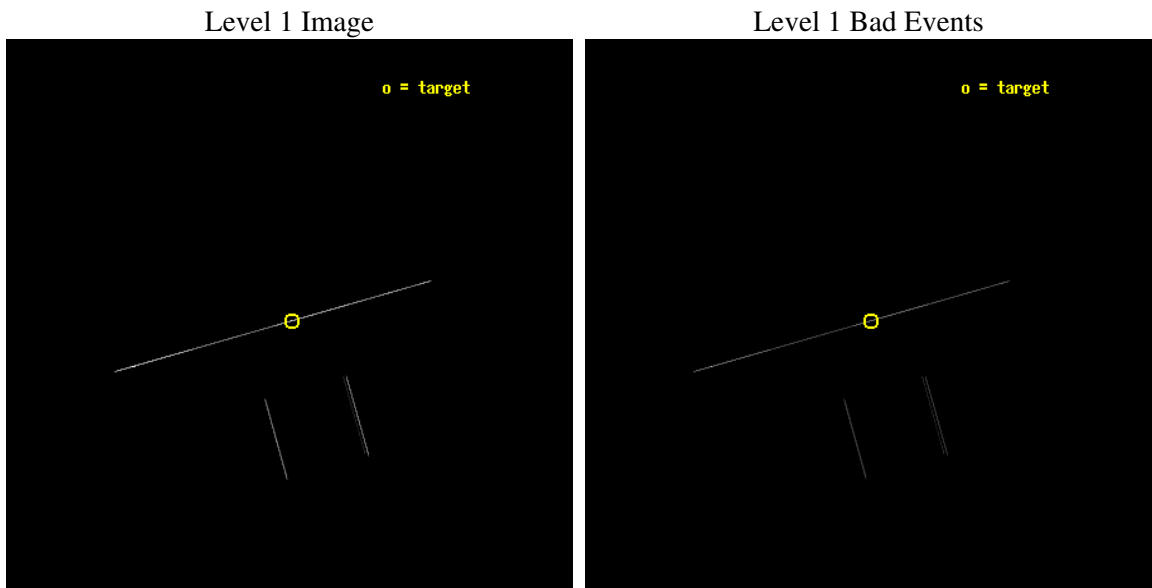
seq_num	300111
obs_id	4517
title	Continued Monitoring of the Orbital Evolution of RX J1914.4+2456
observer	Dr. Tod Strohmayer
object	RX J1914.4+2456
ra_targ	288.60875
dec_targ	24.945444
ra_nom	288.61250875278
dec_nom	24.942719574263
roll_nom	344.15224549956
revision	2
ontime	15641.5
livetime	15580.400390625
ontime2	15641.5
ontime3	15641.5
ontime5	15641.5
ontime6	15641.5
ontime7	15641.5
ontime8	15641.5
l2events	184217



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-22T09:29:42
revision	2

sched_exp_time	15500.000000
ontime	16830.251717687
ontime2	16830.173478991
ontime3	16831.693885654
ontime5	16830.251991361
ontime6	16831.711039692
ontime7	16830.251717687
ontime8	16831.710763425
l1events	293544

2.1.3 Events

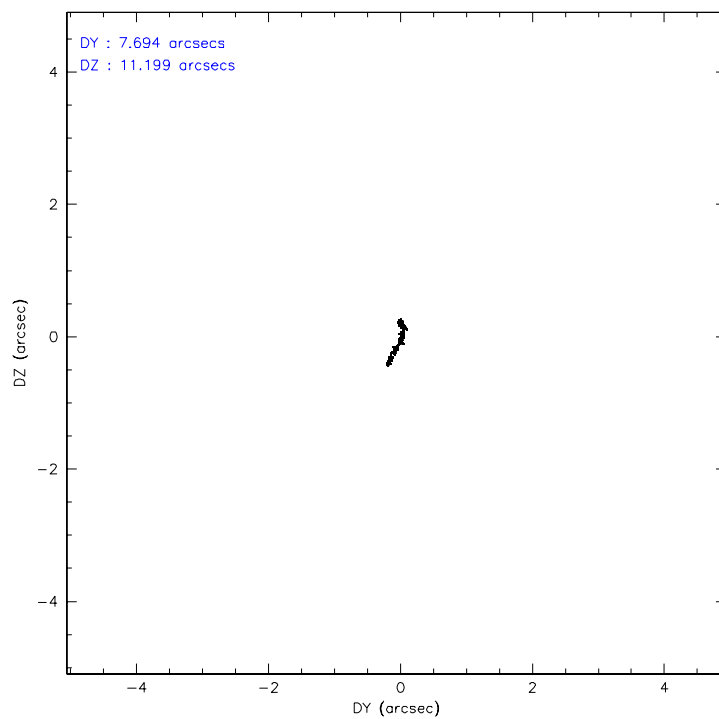
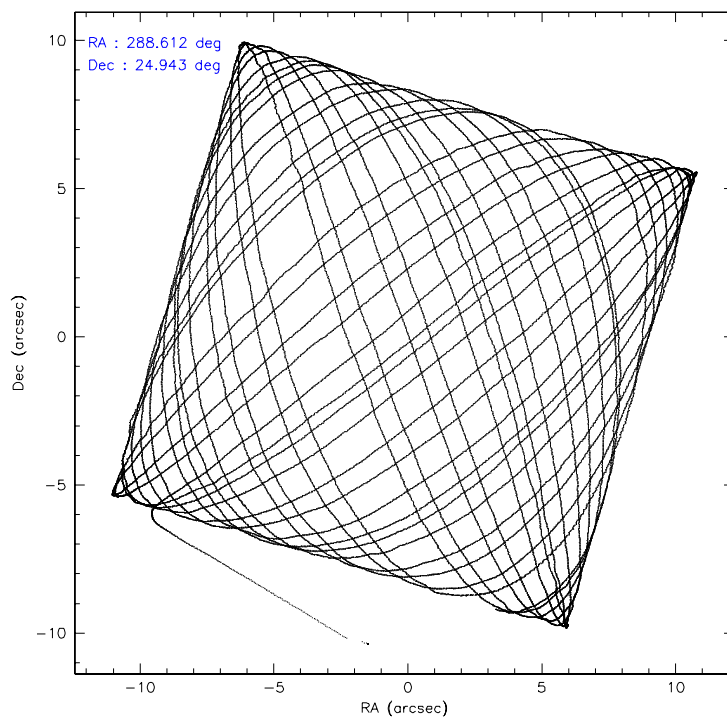
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	20437	22102	107969	22613	77830	42593
rejected events	4856	5187	15308	5612	14507	8370
rejected %	23%	23%	14%	24%	18%	19%

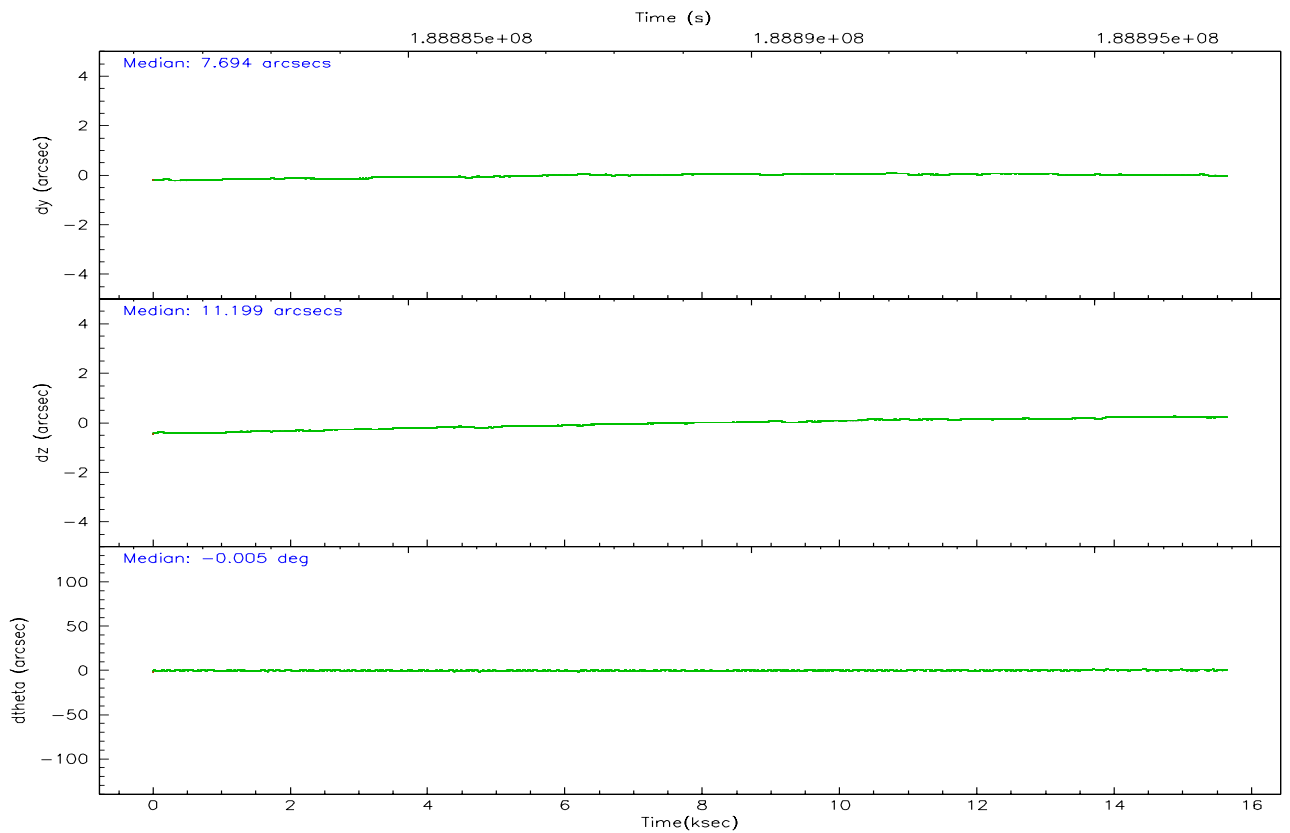
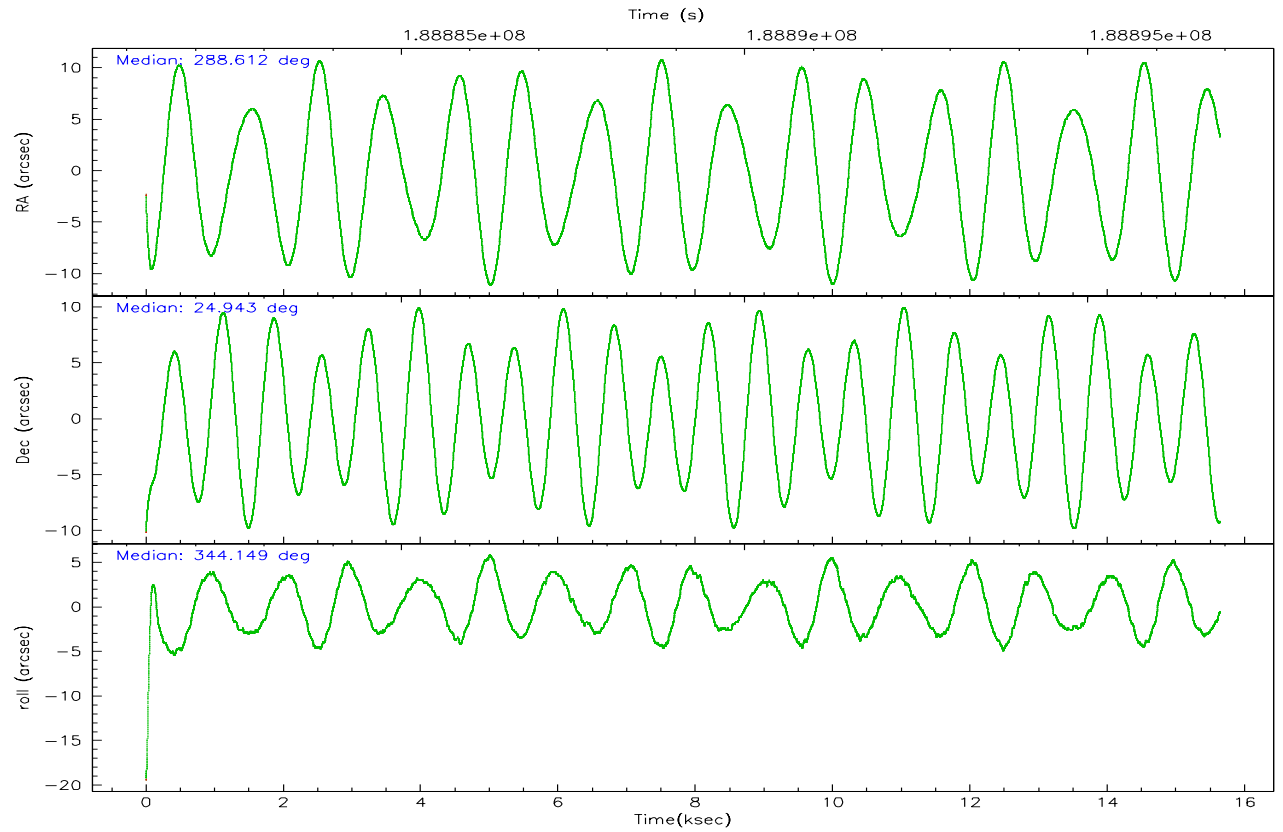
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2045	2004	26795	1958	6797	6309
	10%	9%	24%	8%	8%	14%
grade 1 events	69	89	101	69	101	111
	0%	0%	0%	0%	0%	0%
grade 2 events	6731	7292	25748	7131	17541	11389
	32%	32%	23%	31%	22%	26%
grade 3 events	2029	2479	1581	2241	3553	4277
	9%	11%	1%	9%	4%	10%
grade 4 events	2079	2045	1495	2214	3462	4291
	10%	9%	1%	9%	4%	10%
grade 5 events	3596	3853	8059	4269	10352	5790
	17%	17%	7%	18%	13%	13%
grade 6 events	3888	4340	44190	4731	36024	10426
	19%	19%	40%	20%	46%	24%
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_GRADED	CC33_GRADED	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	288.583495	288.6125087527837	Alternating exposures requested	N	N
Pointing Dec	24.935718	24.94271957426322	Primary exposure time	0.000000	0
Pointing Roll	344.007871	344.1522454995556			
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	188881427.184000	188880098.62959			
Observation start date	2003-12-27T03:02:43	2003-12-27T02:41:38			
Observation end time	188896927.184000	188897728.63036			
Observation end date	2003-12-27T07:21:03	2003-12-27T07:35:28			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



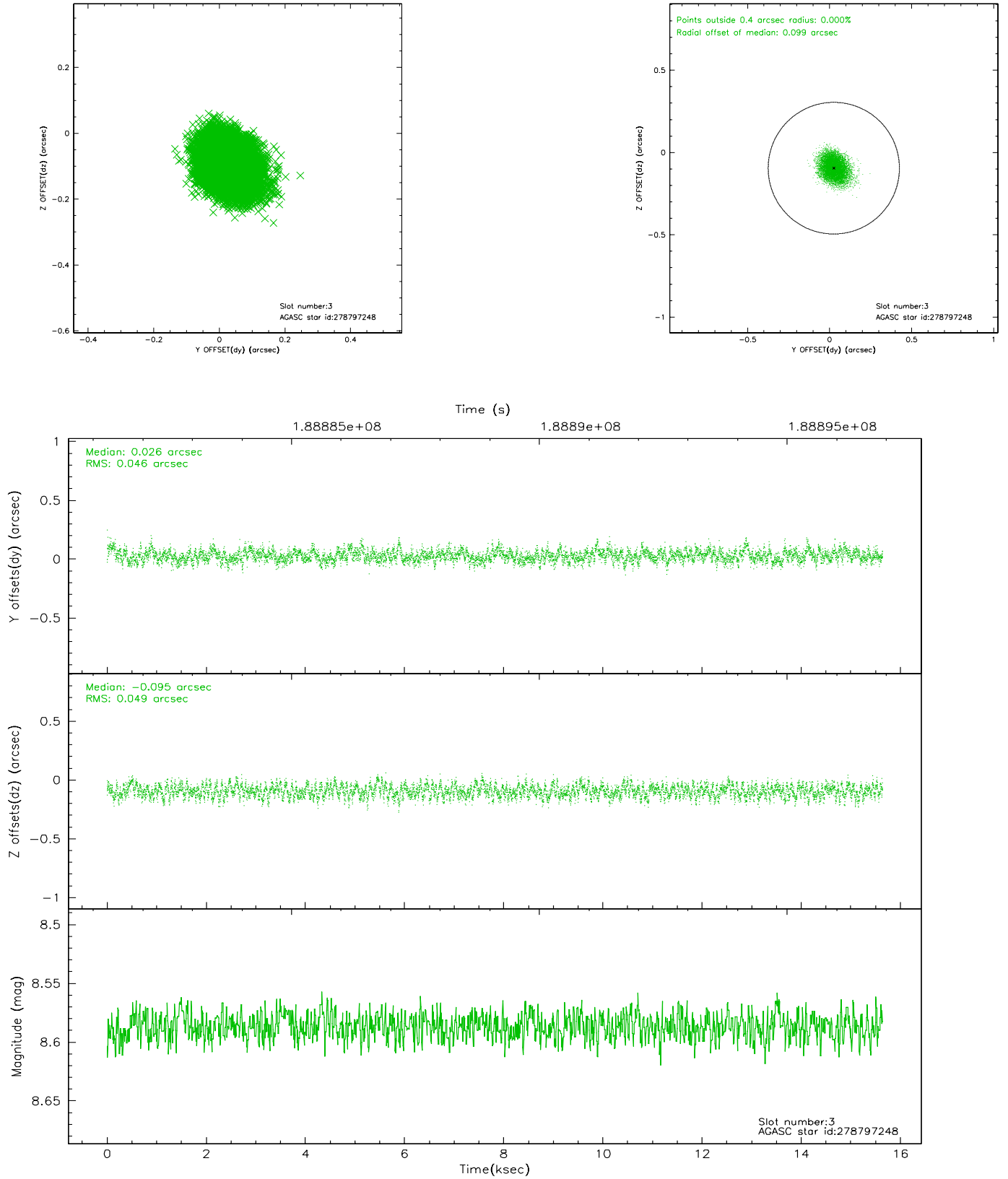


Slot Statistics

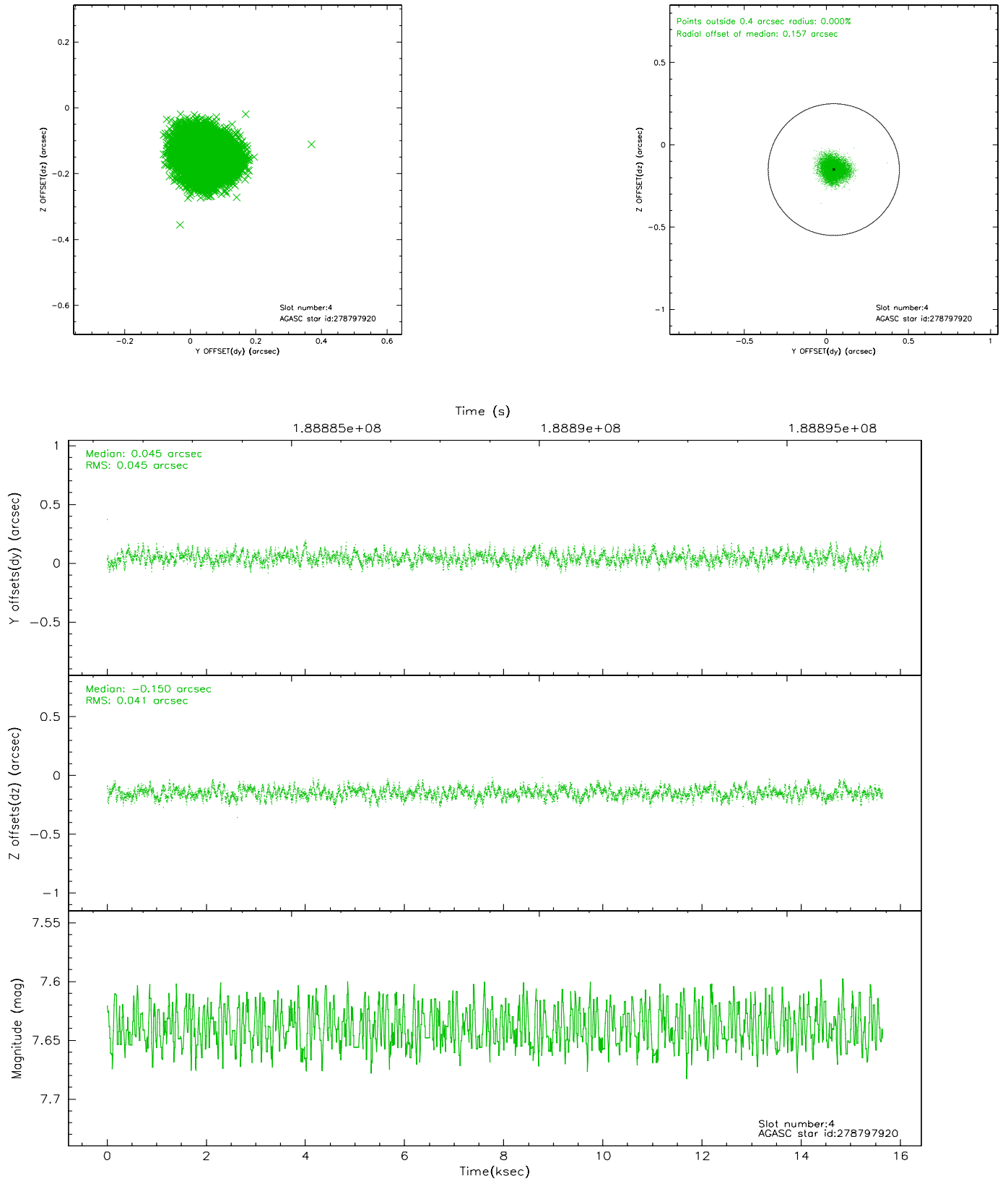
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3817	-0.010	0.012	0.007	0.011	0.000000	0.000000	-760.40	-1732.39
1	FID	ACIS-S-5	7.23	3816	-0.007	-0.002	0.007	0.012	0.000000	0.000000	-1813.69	169.25
2	FID	ACIS-S-6	7.34	3817	-0.008	-0.002	0.007	0.012	0.000000	0.000000	400.84	813.53
3	GUIDE	278797248	8.59	7628	0.026	-0.095	0.073	0.114	288.405544	25.027631	-649.07	158.60
4	GUIDE	278797920	7.64	7633	0.045	-0.150	0.066	0.101	288.580174	25.013203	-87.13	265.23
5	GUIDE	278953272	8.38	7631	-0.092	0.086	0.058	0.093	289.216166	24.729034	2192.42	-140.34
6	GUIDE	278954448	7.74	7631	-0.008	0.046	0.055	0.086	289.033961	24.779147	1570.35	-134.29
7	GUIDE	278809640	9.16	7627	0.027	0.111	0.097	0.157	288.103077	25.750193	-2305.91	2392.41

2.4 Star Slots

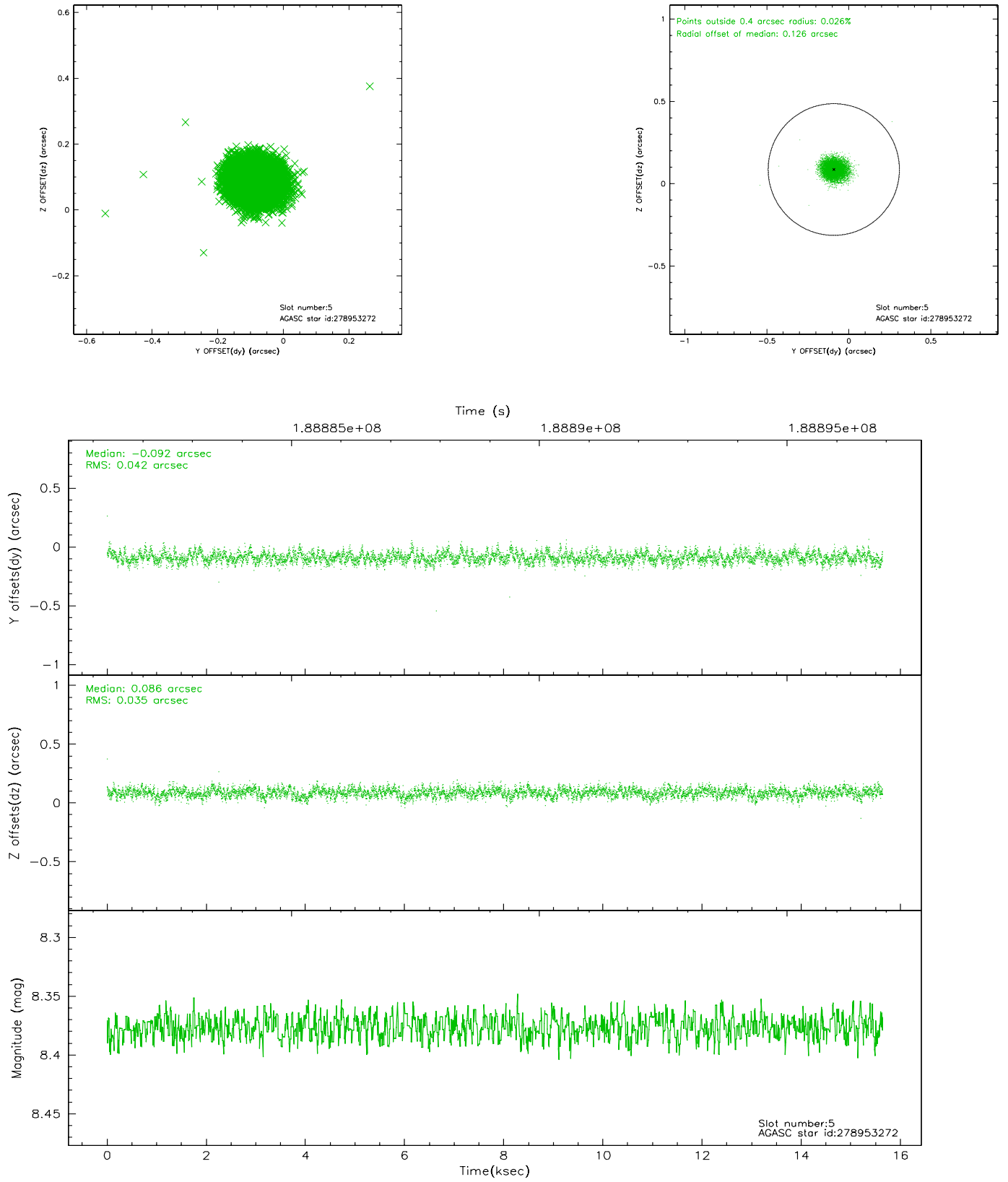
2.4.1 Slot 3



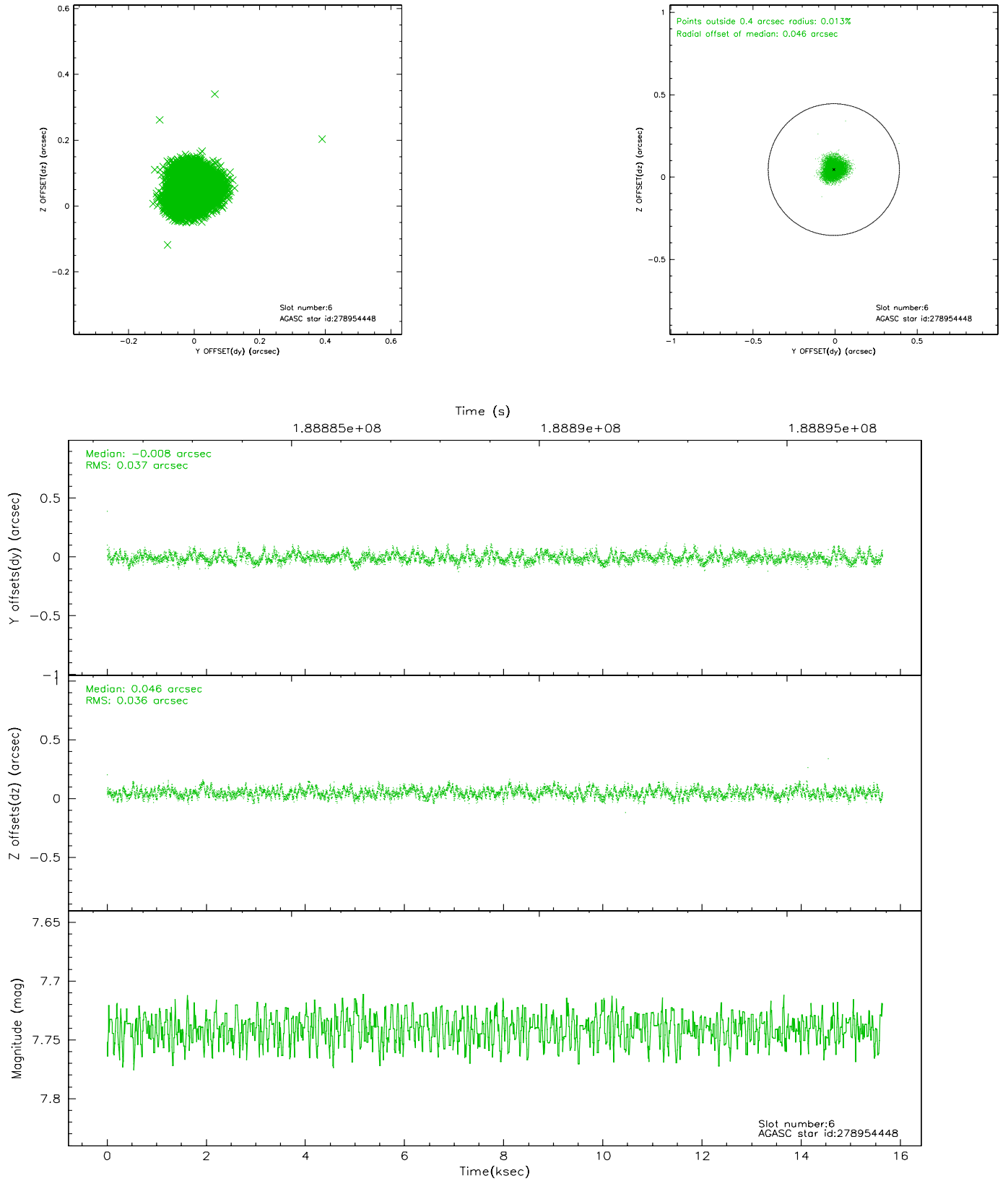
2.4.2 Slot 4



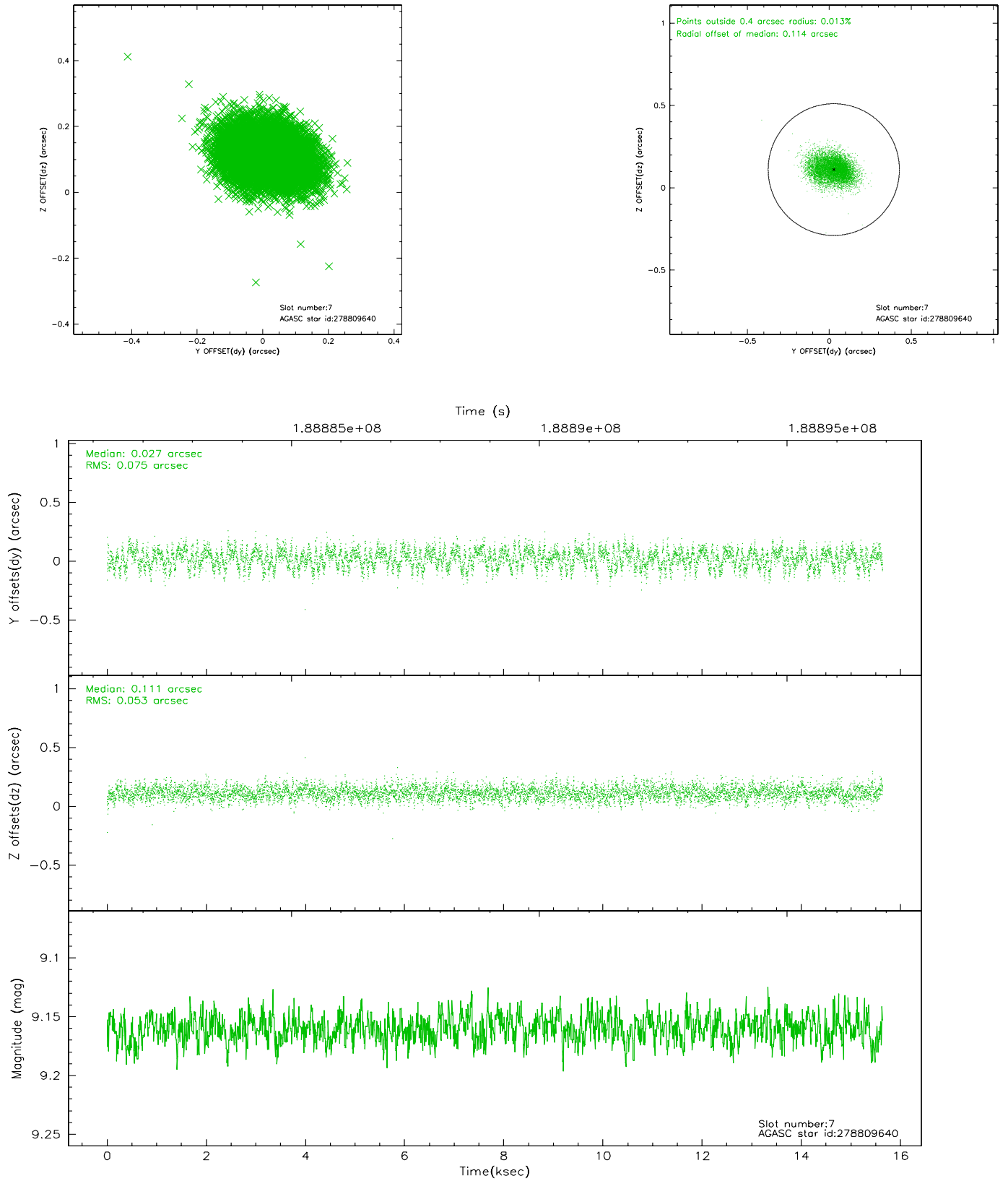
2.4.3 Slot 5



2.4.4 Slot 6

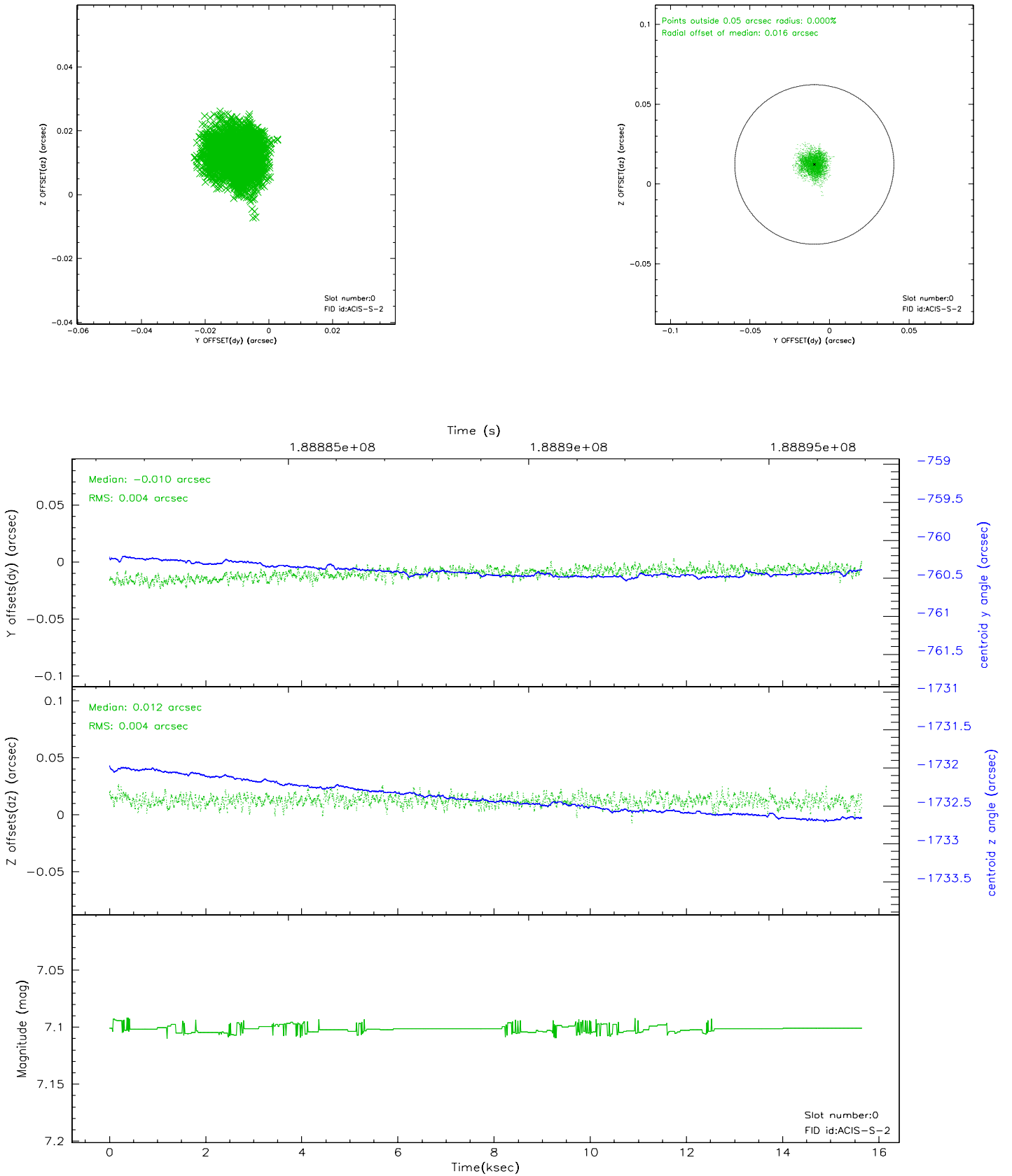


2.4.5 Slot 7

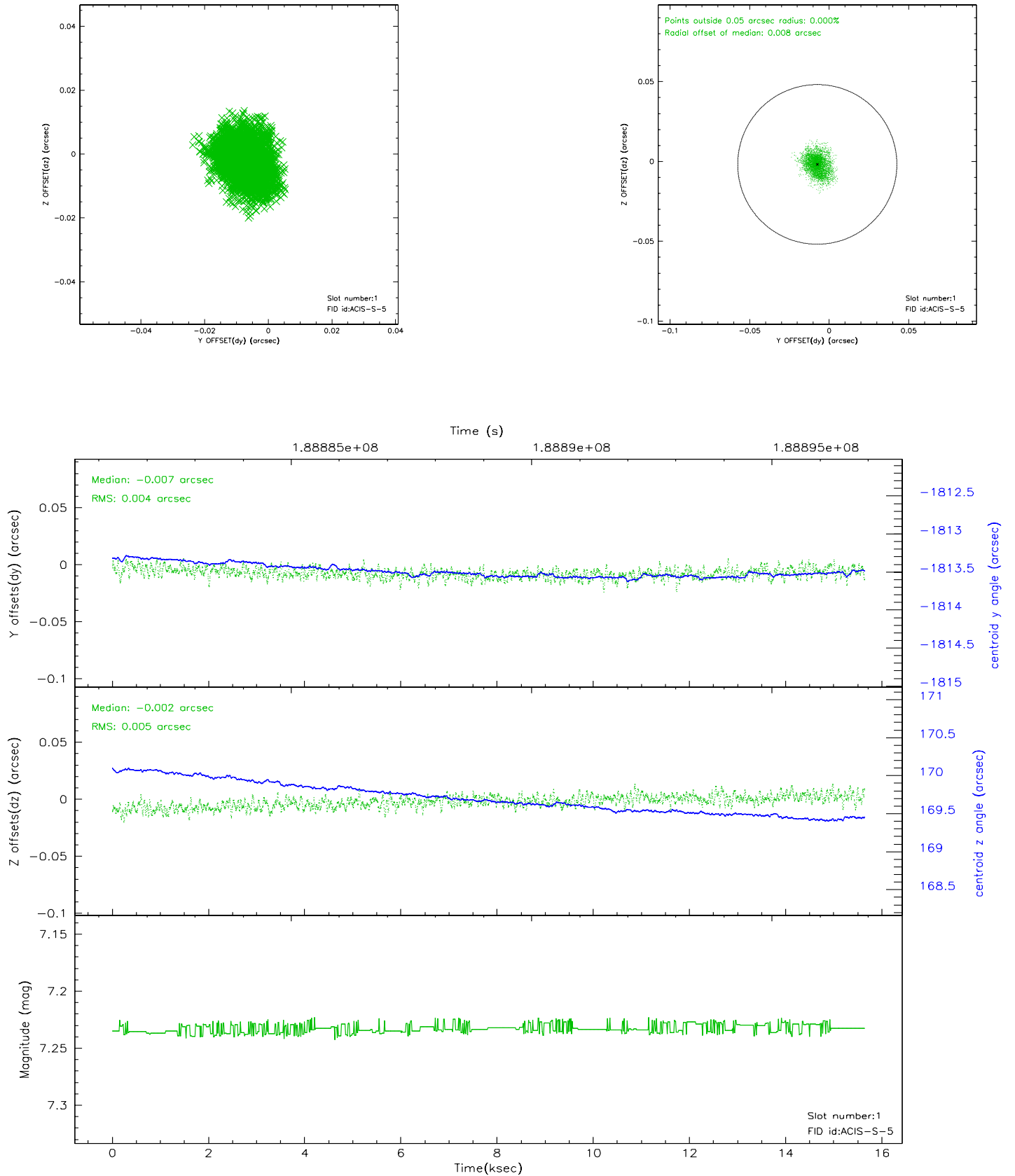


2.5 FID Slots

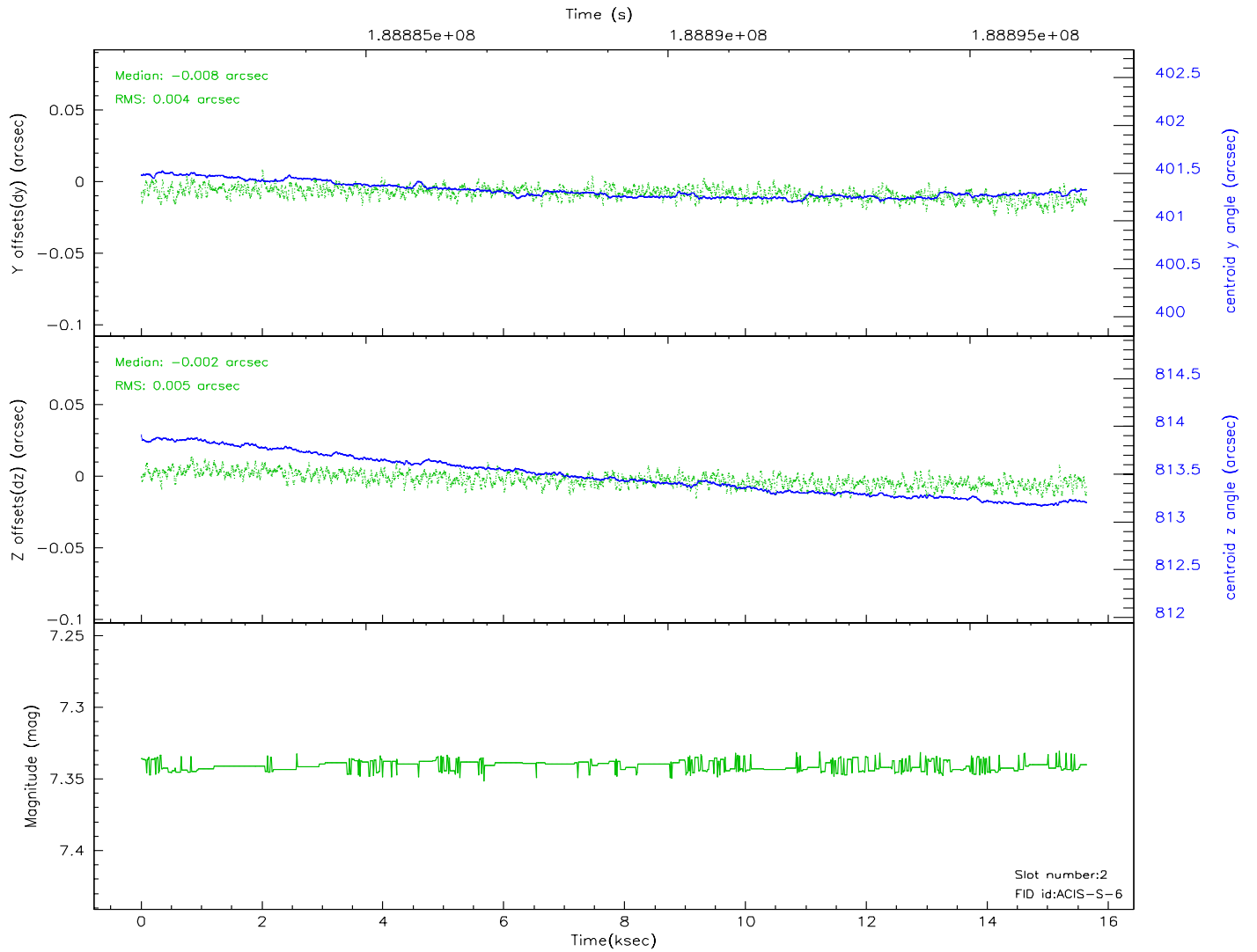
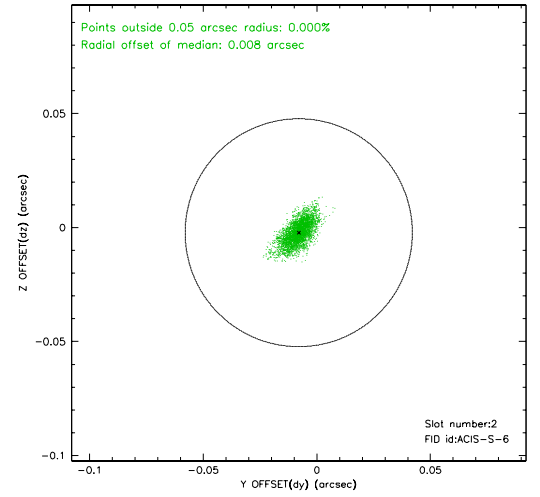
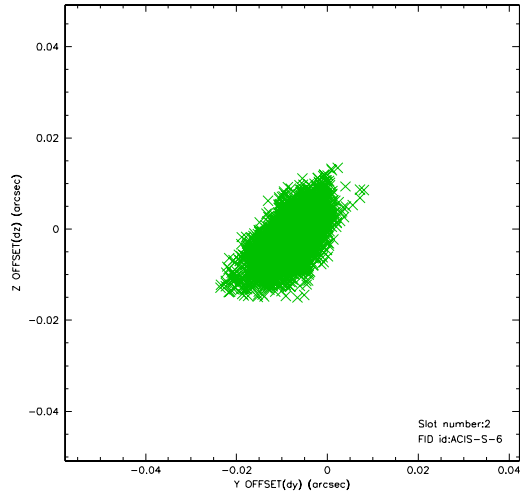
2.5.1 Slot 0



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)	2006.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.644

A.2 Comments