

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4523 - L2 Version 3
Chandra X-Ray Center

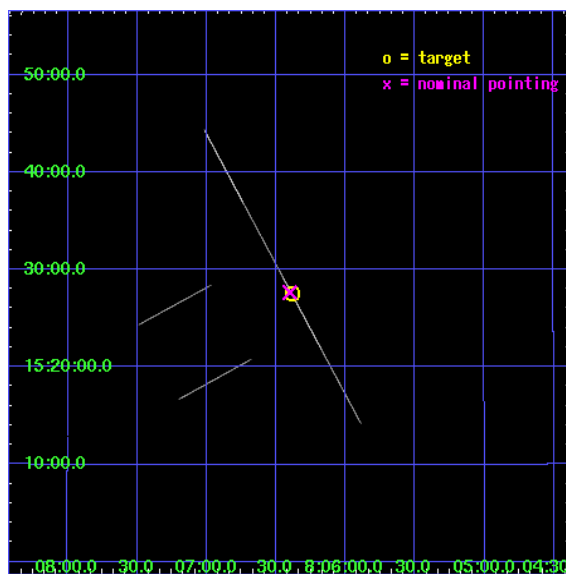
L2 Processing Date : Apr 10 2008

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1 Front

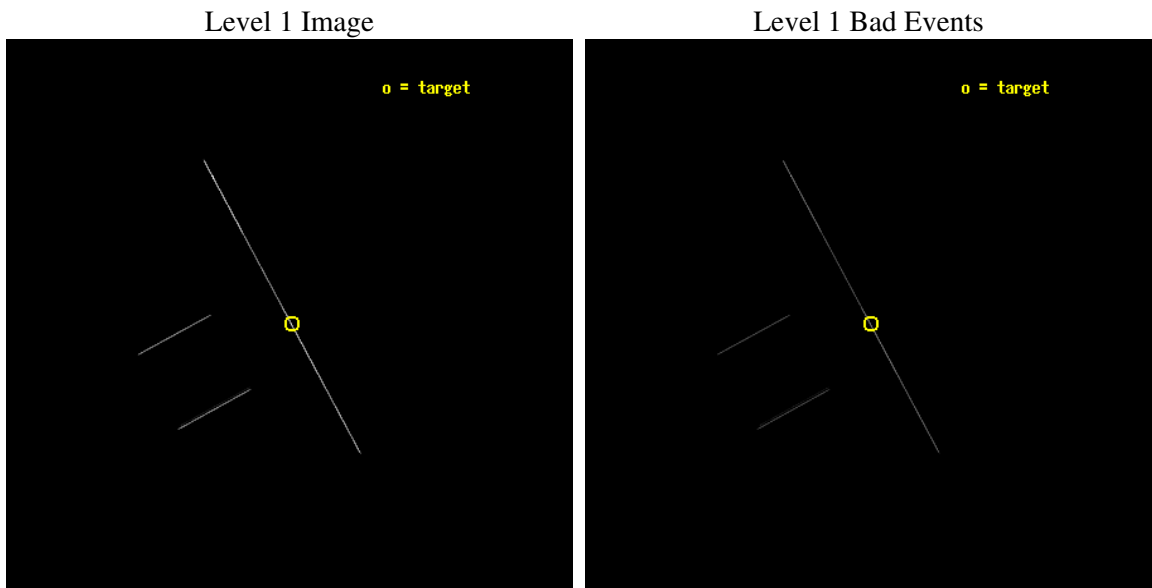
seq_num	300117
obs_id	4523
title	Timing the Orbit of RX J0806.3+1527
observer	Dr. Tod Strohmayer
object	RX J0806.3+1527
ra_targ	121.596667
dec_targ	15.458389
ra_nom	121.6001806235
dec_nom	15.461145653029
roll_nom	61.530818208877
revision	3
ontime	19517.25
livetime	19441.010742188
ontime2	19517.25
ontime3	19517.25
ontime5	19517.25
ontime6	19517.25
ontime7	19517.25
ontime8	19517.25
l2events	227109



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.6
caldsver	3.4.4
date	2008-04-10T22:19:08
revision	3

sched_exp_time	19000.000000
ontime	19517.25
ontime2	19517.25
ontime3	19517.25
ontime5	19517.25
ontime6	19517.25
ontime7	19517.25
ontime8	19517.25
l1events	346933

2.1.3 Events

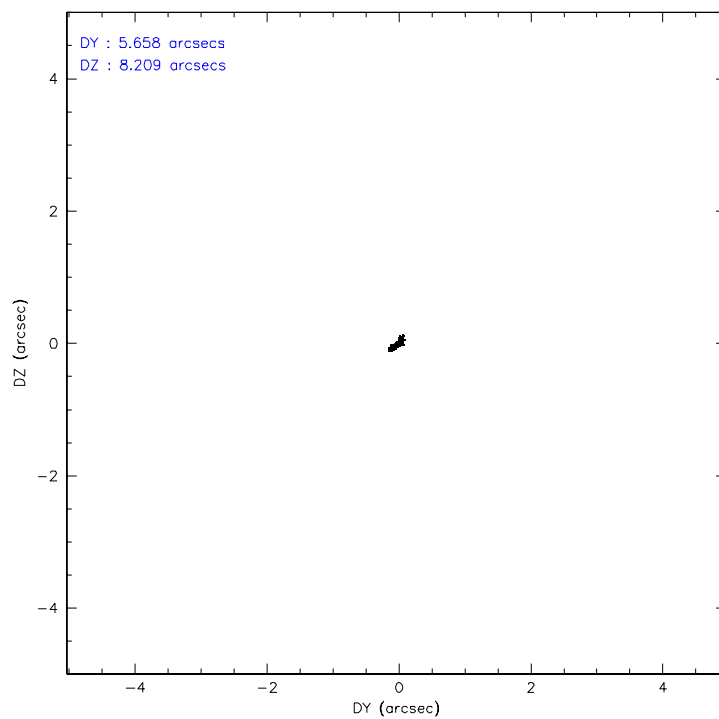
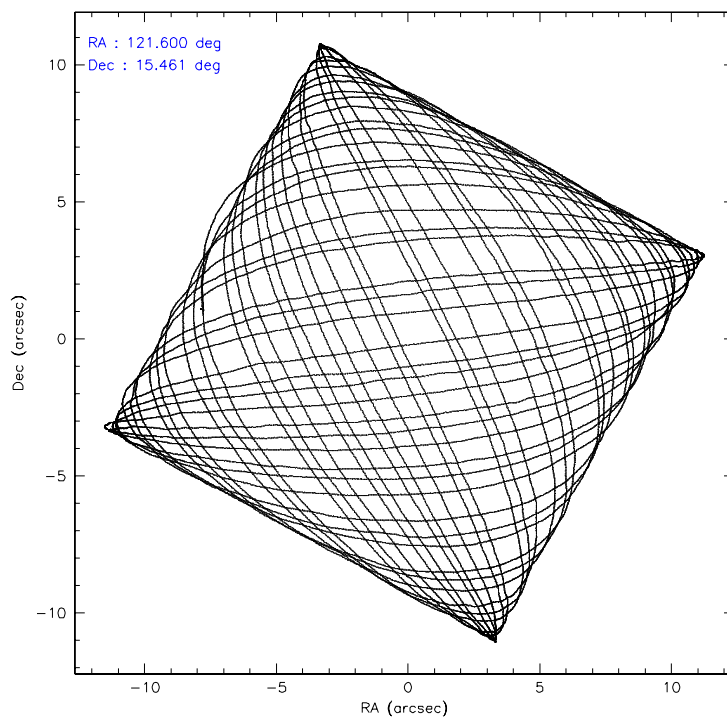
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	24732	26072	130163	26337	88317	51312
rejected events	4899	5315	13144	5718	14430	8828
rejected %	19%	20%	10%	21%	16%	17%

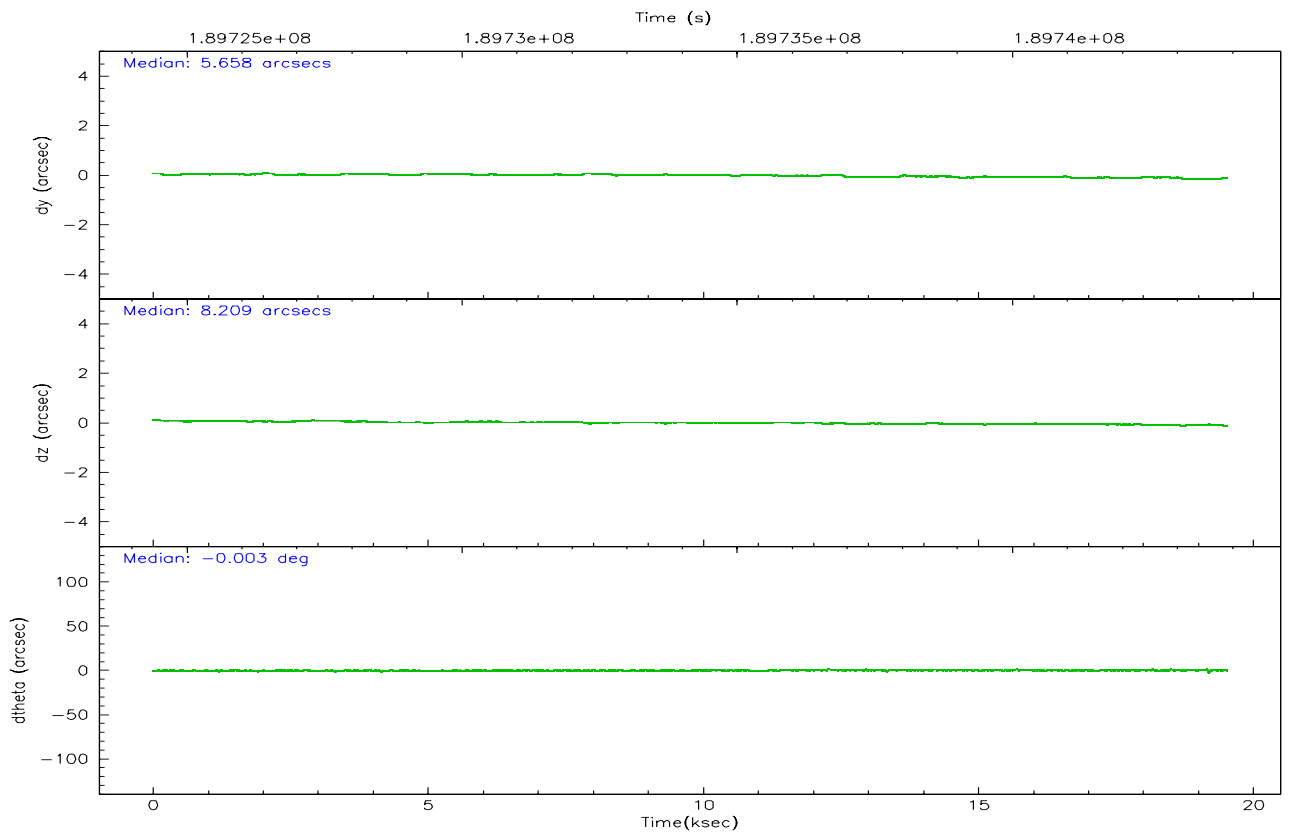
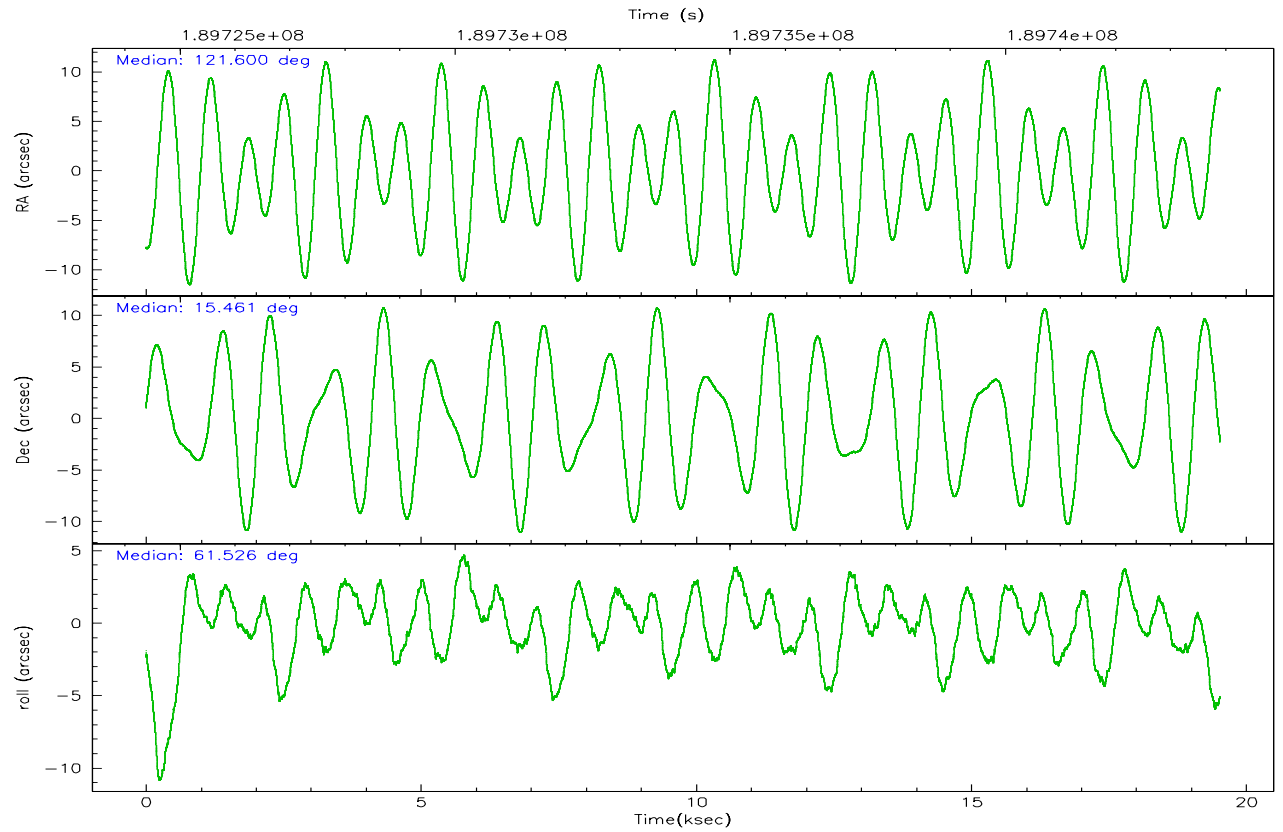
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2445	2383	31909	2403	7636	7817
	9%	9%	24%	9%	8%	15%
grade 1 events	89	86	138	80	139	162
	0%	0%	0%	0%	0%	0%
grade 2 events	8151	8417	31038	8211	19187	14389
	32%	32%	23%	31%	21%	28%
grade 3 events	2534	3004	1953	2616	3271	4739
	10%	11%	1%	9%	3%	9%
grade 4 events	2612	2490	1887	2514	3304	4626
	10%	9%	1%	9%	3%	9%
grade 5 events	4308	4650	9450	5058	12363	7280
	17%	17%	7%	19%	13%	14%
grade 6 events	4593	5042	53788	5455	42417	12299
	18%	19%	41%	20%	48%	23%
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	121.601329	121.6001806235041	Alternating exposures requested	N	N
Pointing Dec	15.433912	15.46114565302926	Primary exposure time	0.000000	0
Pointing Roll	61.373885	61.53081820887689			
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	189724903.184000	189723770.52878			
Observation start date	2004-01-05T21:20:39	2004-01-05T21:02:50			
Observation end time	189743903.184000	189744435.55468			
Observation end date	2004-01-06T02:37:19	2004-01-06T02:47:15			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



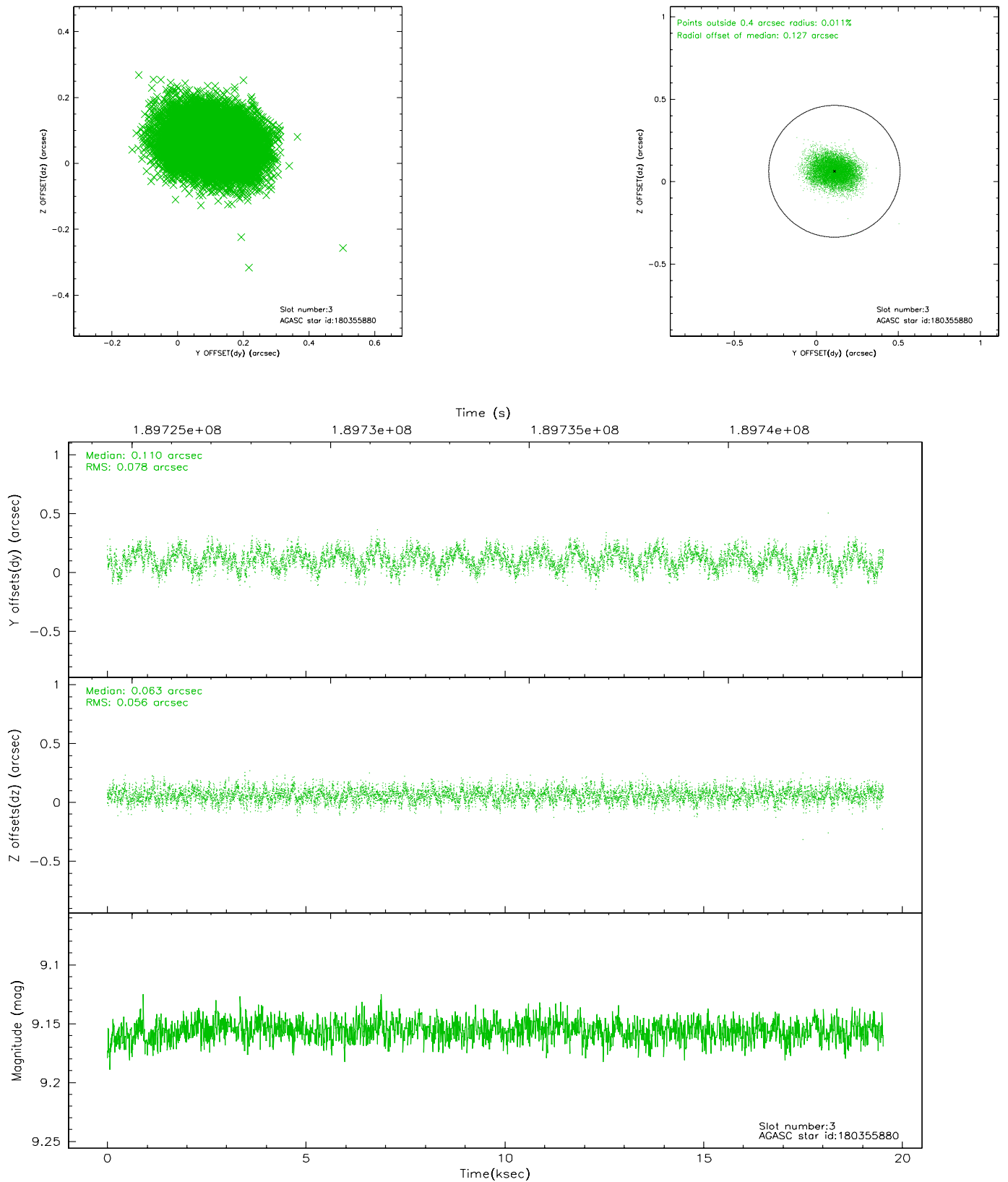


Slot Statistics

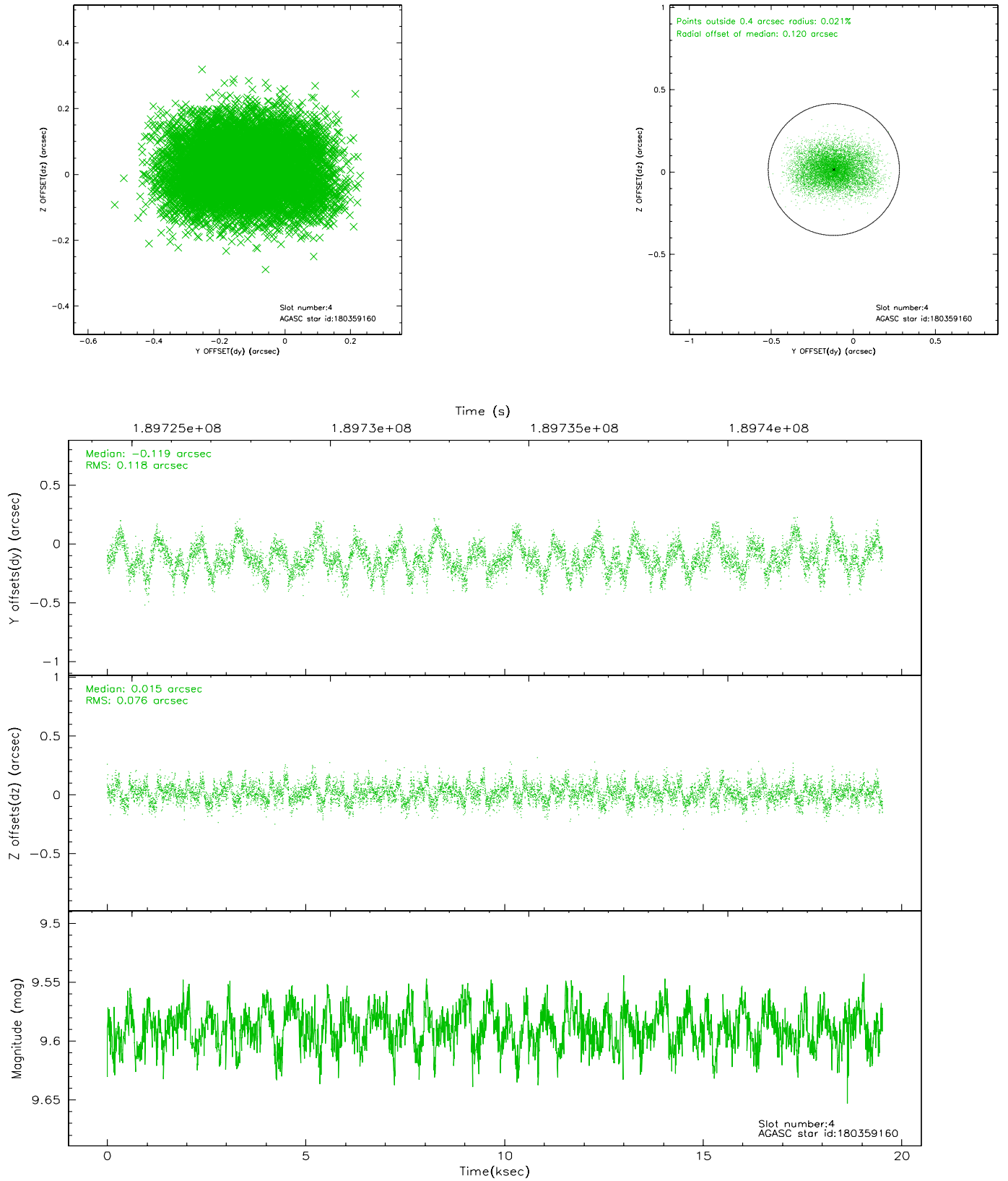
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	4762	0.025	0.007	0.009	0.027	0.000000	0.000000	937.64	-1725.06
1	FID	ACIS-S-5	7.23	4762	-0.050	0.029	0.008	0.025	0.000000	0.000000	-1811.25	172.43
2	FID	ACIS-S-6	7.35	4762	0.005	-0.024	0.009	0.022	0.000000	0.000000	403.07	816.47
3	GUIDE	180355880	9.16	9524	0.110	0.063	0.103	0.163	120.943434	15.103820	-2135.56	1439.48
4	GUIDE	180359160	9.59	9523	-0.119	0.015	0.150	0.246	121.837257	16.020694	2245.36	296.12
5	GUIDE	180367416	9.14	9516	-0.021	-0.185	0.089	0.138	120.920648	15.525818	-837.44	2232.61
6	GUIDE	180370112	8.38	9524	-0.047	0.096	0.074	0.118	121.144488	15.364256	-979.83	1273.15
7	GUIDE	180372496	7.92	9524	0.074	0.010	0.064	0.100	121.745221	15.155380	-640.46	-919.13

2.4 Star Slots

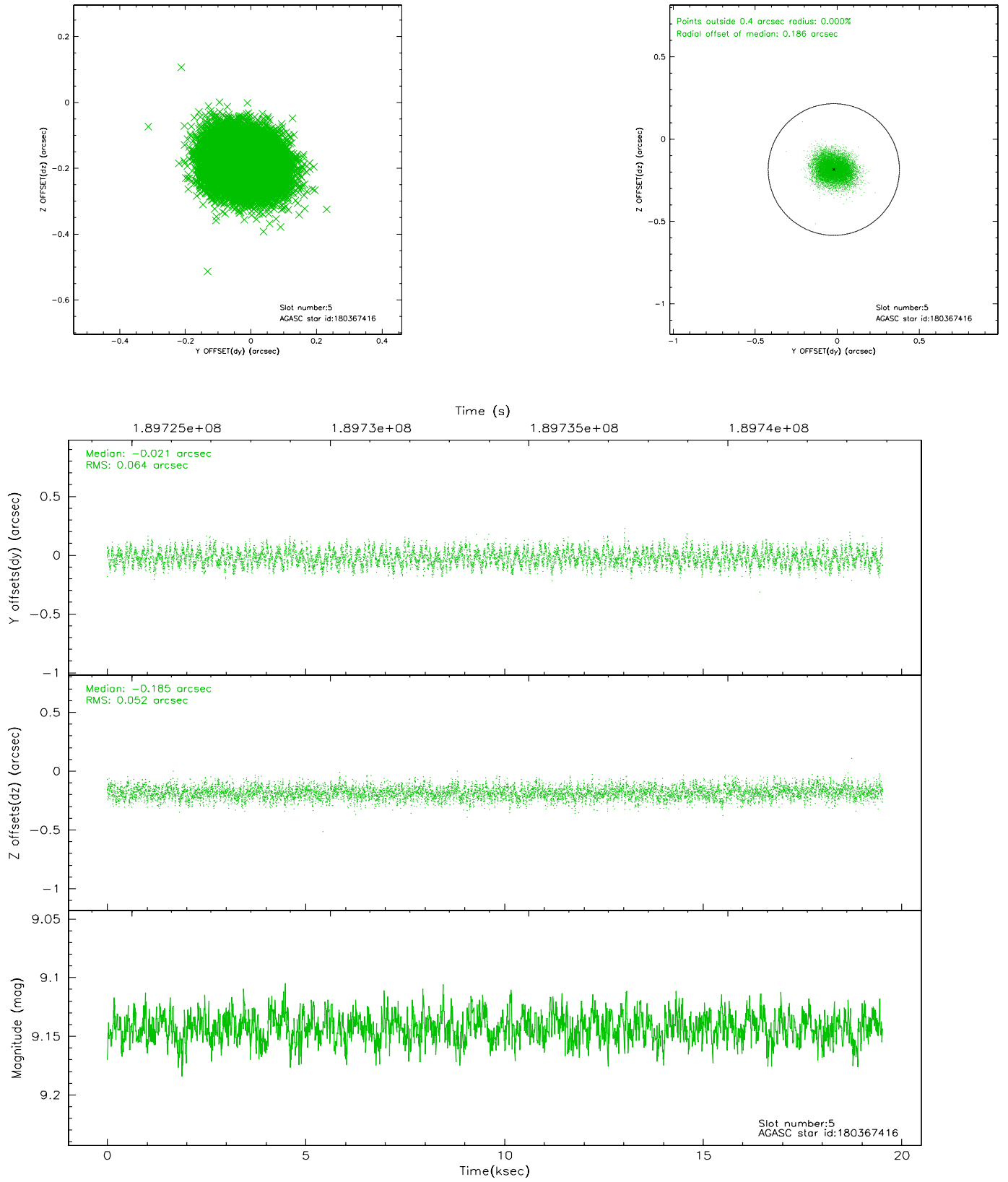
2.4.1 Slot 3



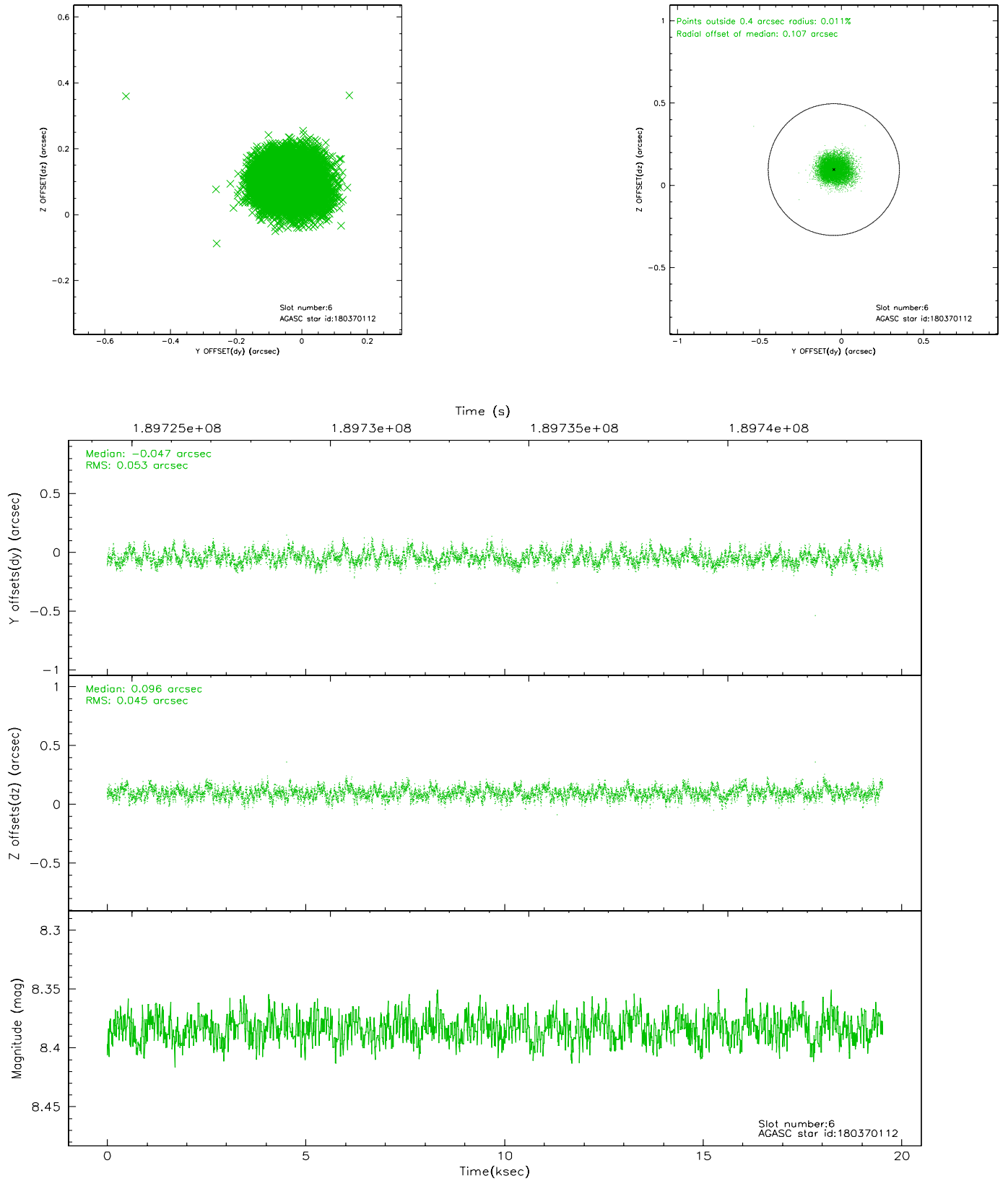
2.4.2 Slot 4



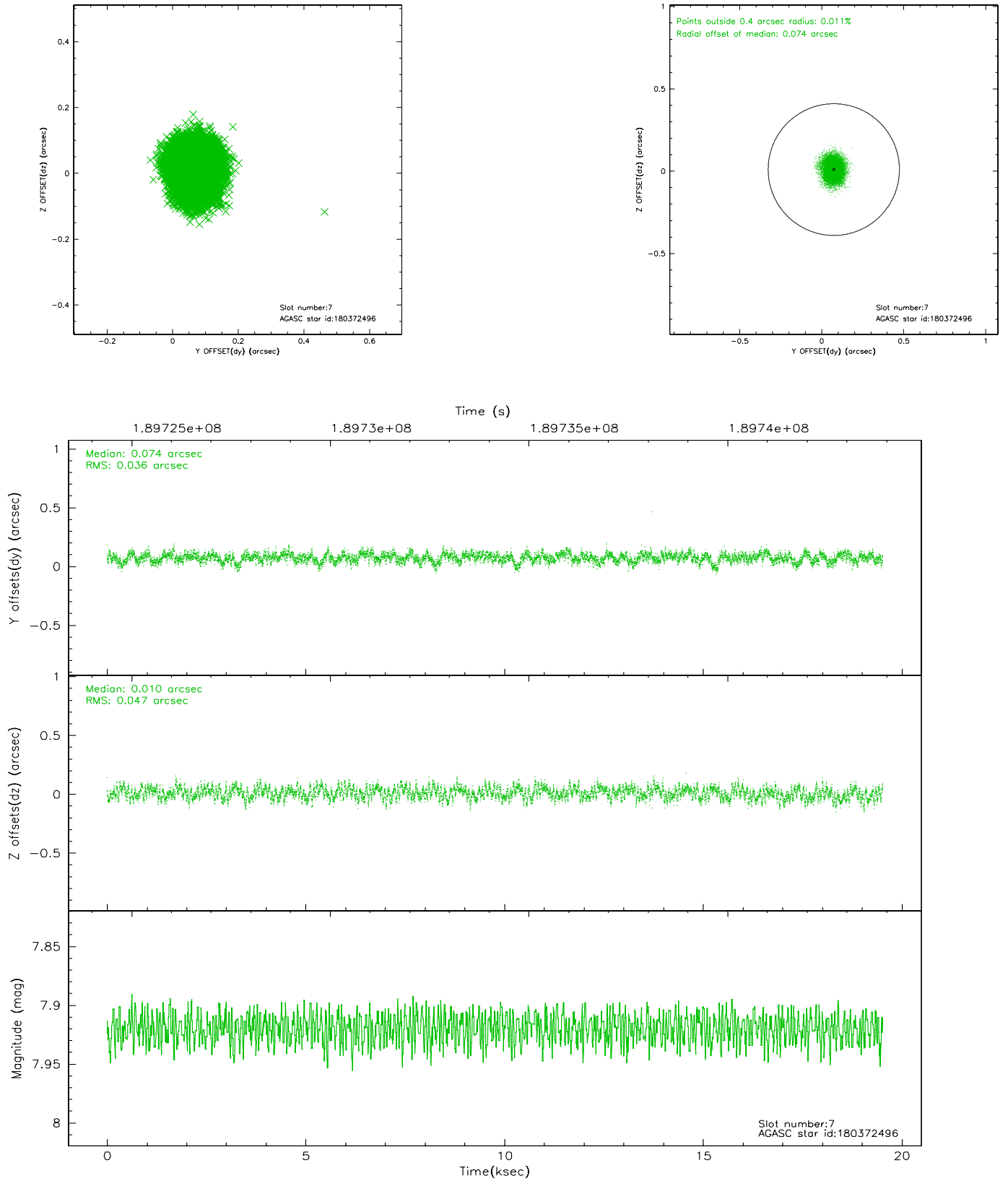
2.4.3 Slot 5



2.4.4 Slot 6

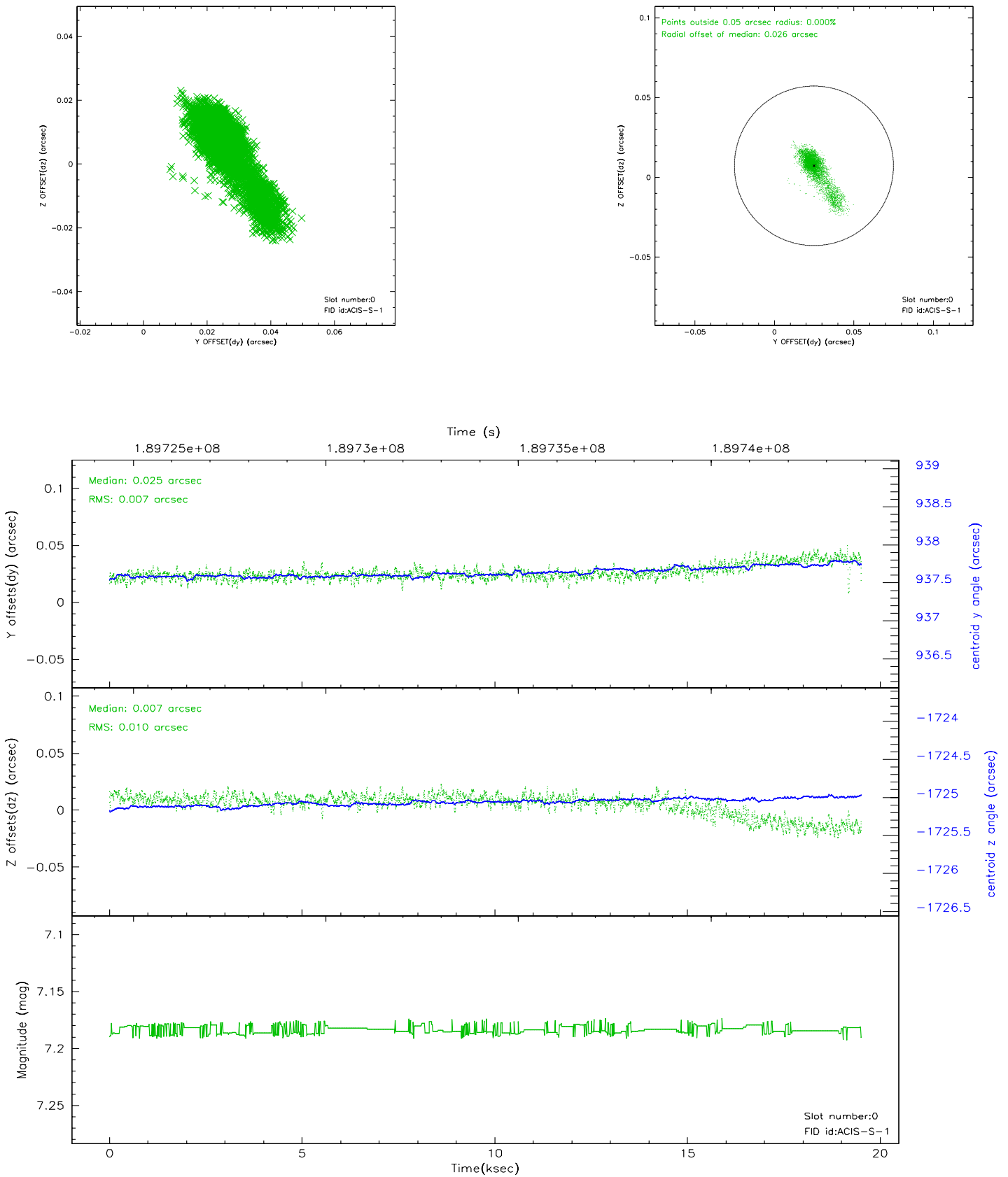


2.4.5 Slot 7

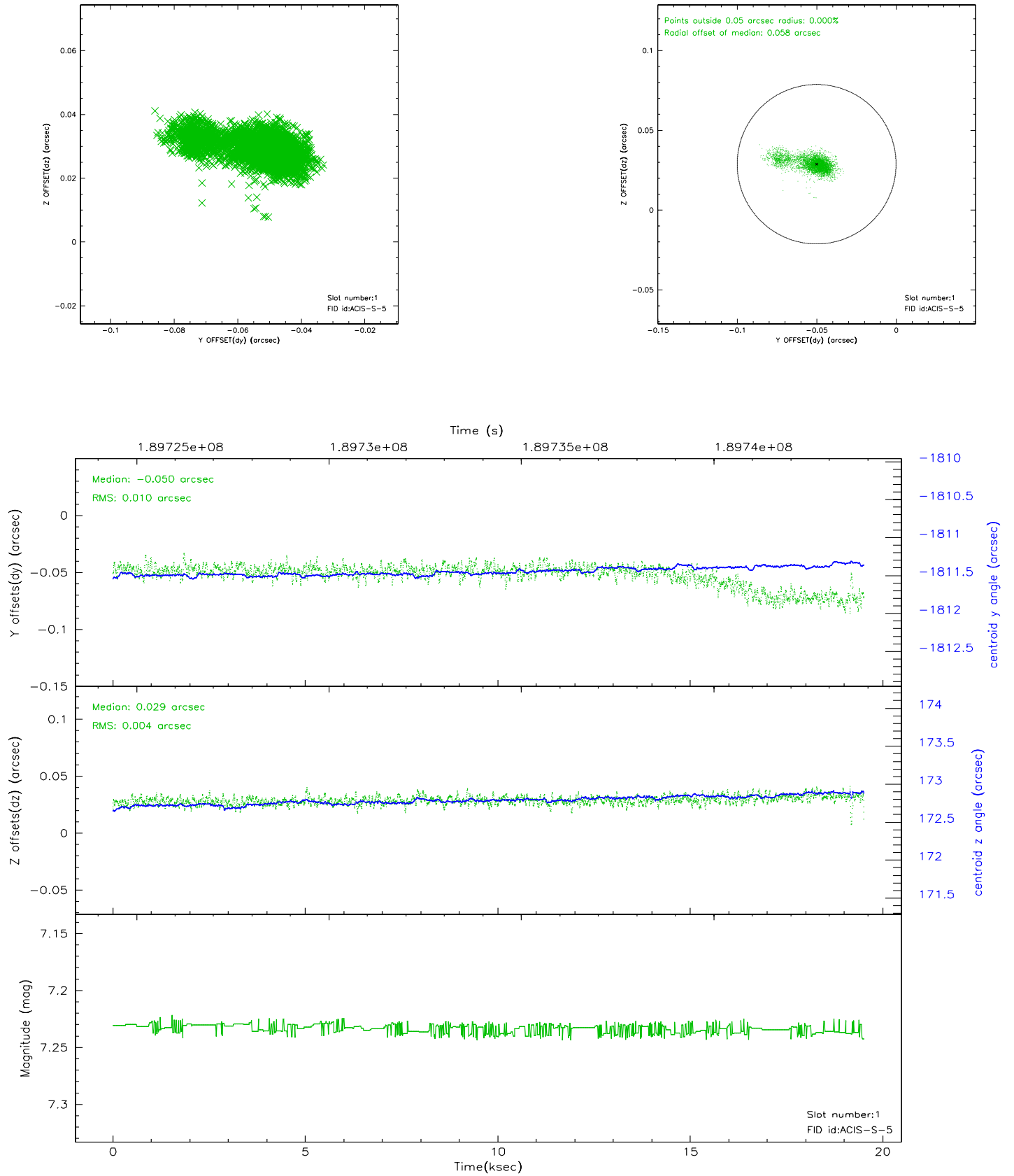


2.5 FID Slots

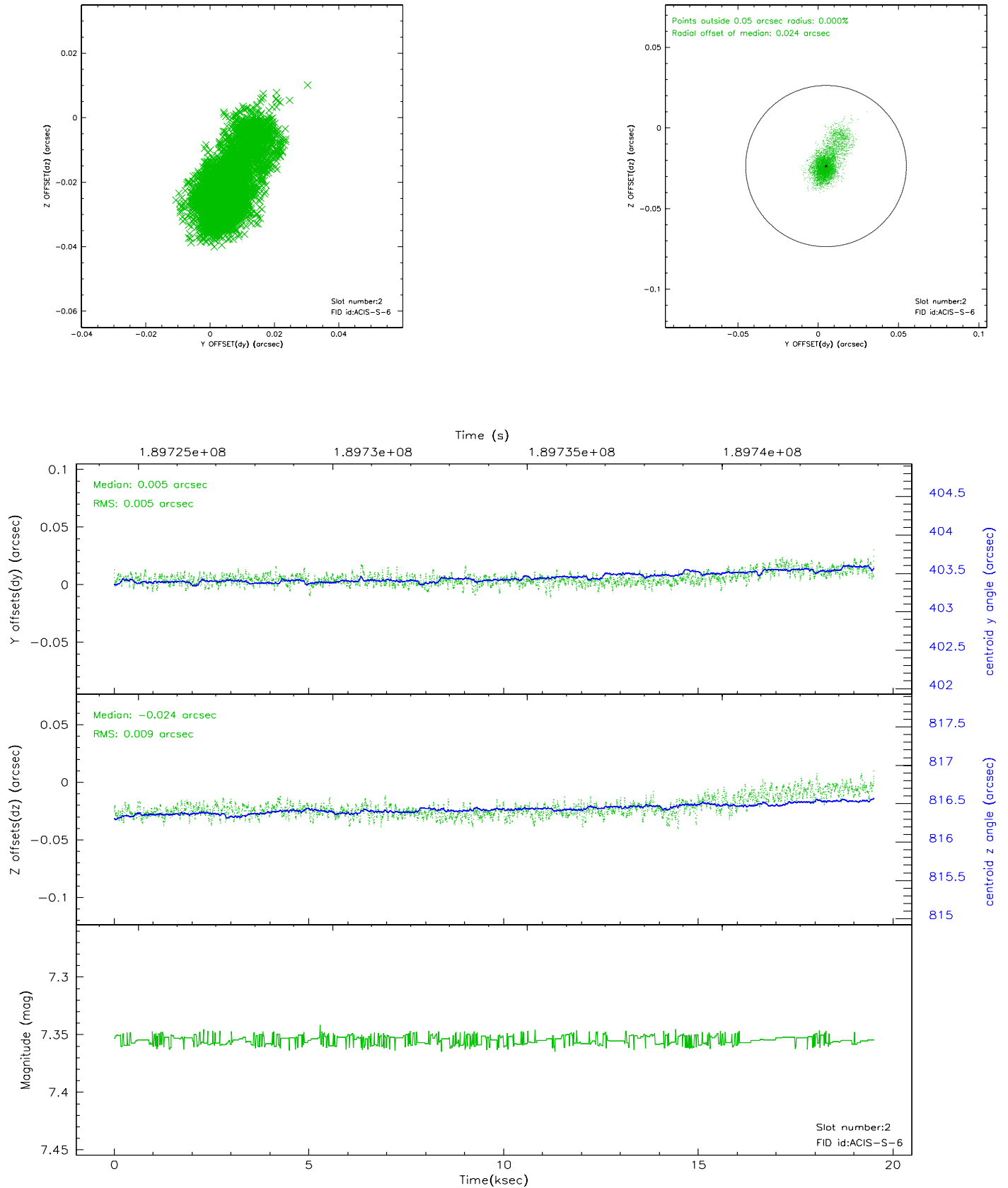
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2008.04.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.521

A.2 Comments