

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 754 - L2 Version 001
Chandra X-Ray Center

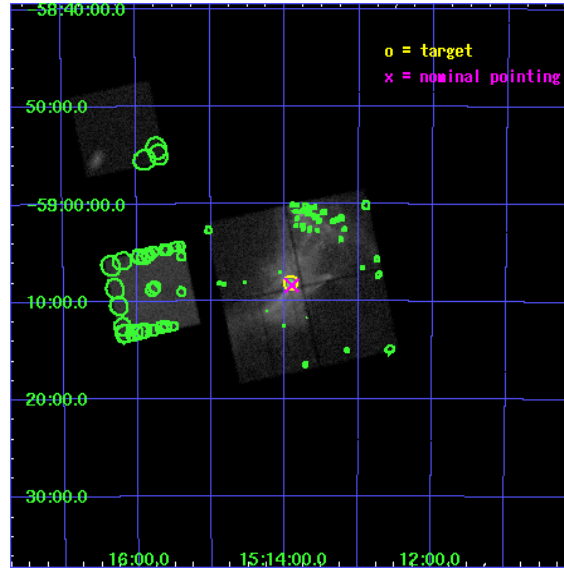
L2 Processing Date : Jun 2 2007

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1 Front

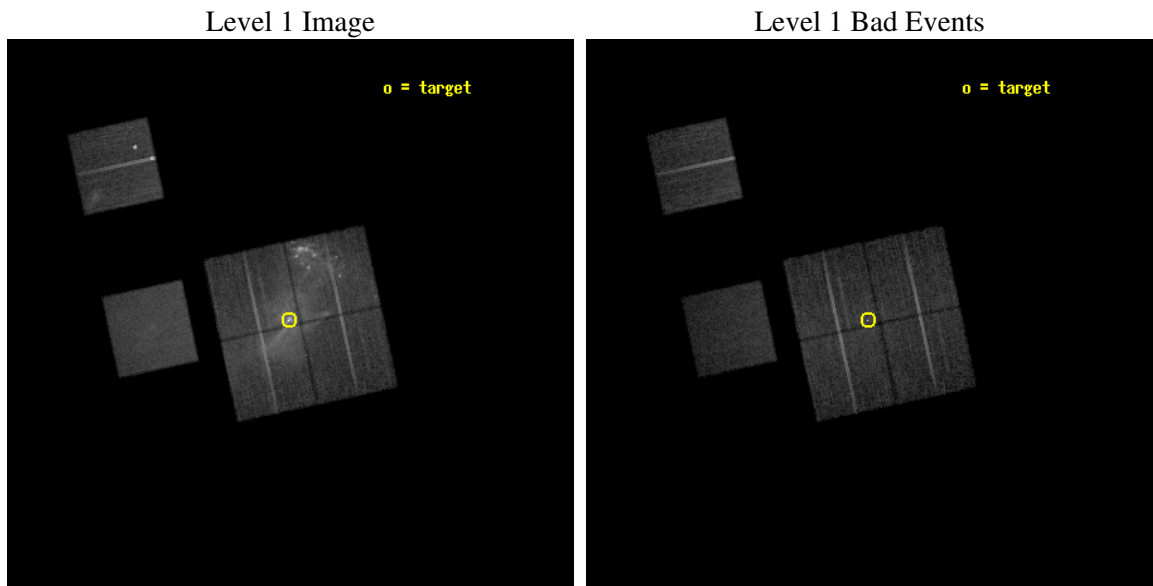
seq_num	500050
obs_id	754
title	AXAF OBSERVATIONS OF THE YOUNG, ENERGETIC RADIO PULSAR PSR B1509-58
observer	Professor Victoria Kaspi
object	G320.4-1.2
dtcycle	0
cycle	P
ra_targ	228.481667
dec_targ	-59.135806
ra_nom	228.47618350135
dec_nom	-59.139818345073
roll_nom	257.86541596971
revision	3
ontime	19280.000017956
livetime	19035.865048706
ontime0	19280.000017956
ontime1	19276.759027794
ontime2	19280.000017956
ontime3	19280.000017956
ontime7	19280.000017956
ontime9	19280.000017956
l2events	340703



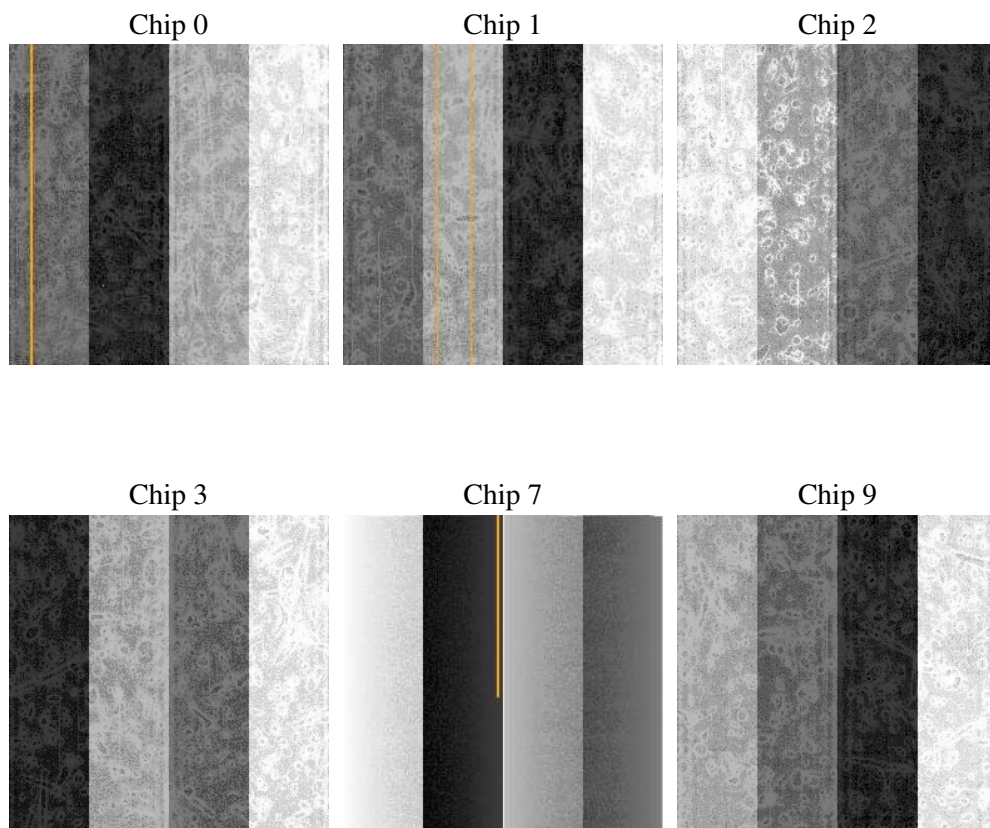
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-02T11:19:36
revision	3

sched_exp_time	19325.000000
ontime	19280.000017956
ontime0	19280.000017956
ontime1	19276.759027794
ontime2	19280.000017956
ontime3	19280.000017956
ontime7	19280.000017956
ontime9	19280.000017956
l1events	946563

2.1.4 Events

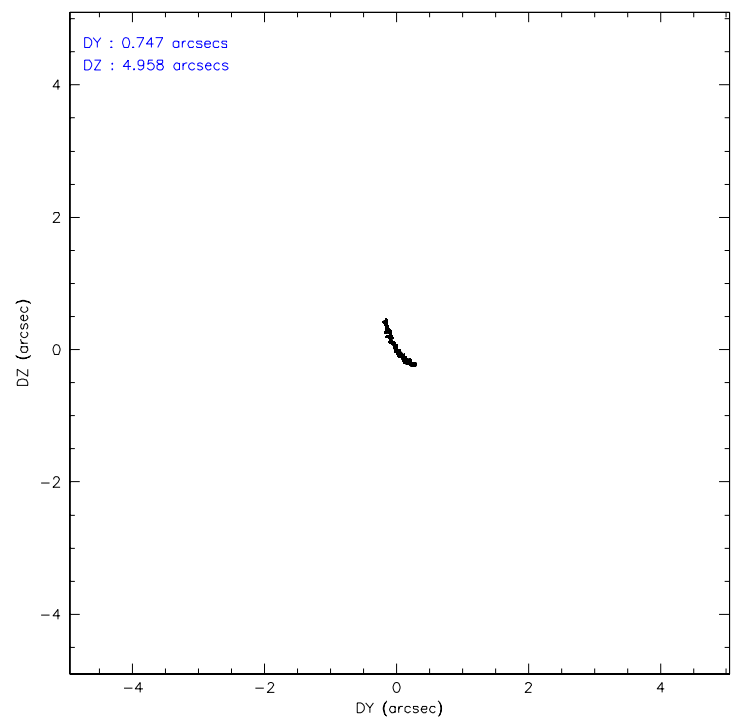
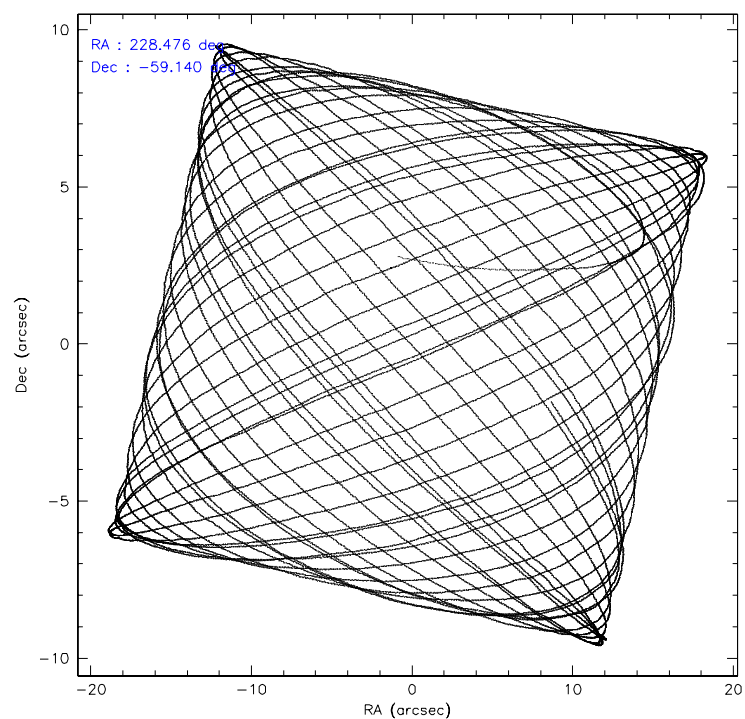
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7	ccd 9
level 1 events	115903	198395	170341	178563	148293	135068
rejected events	88738	92958	100874	105554	77792	103777
rejected %	76%	46%	59%	59%	52%	76%

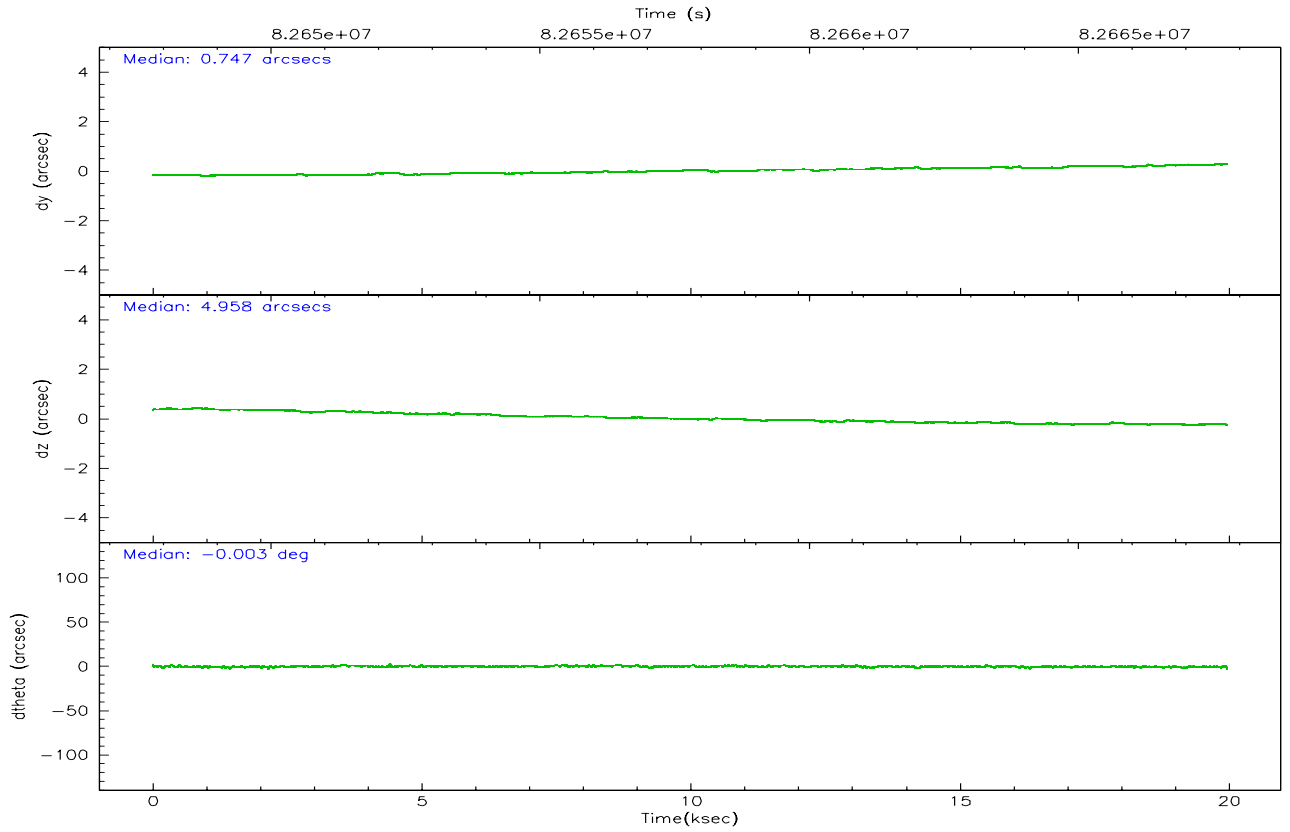
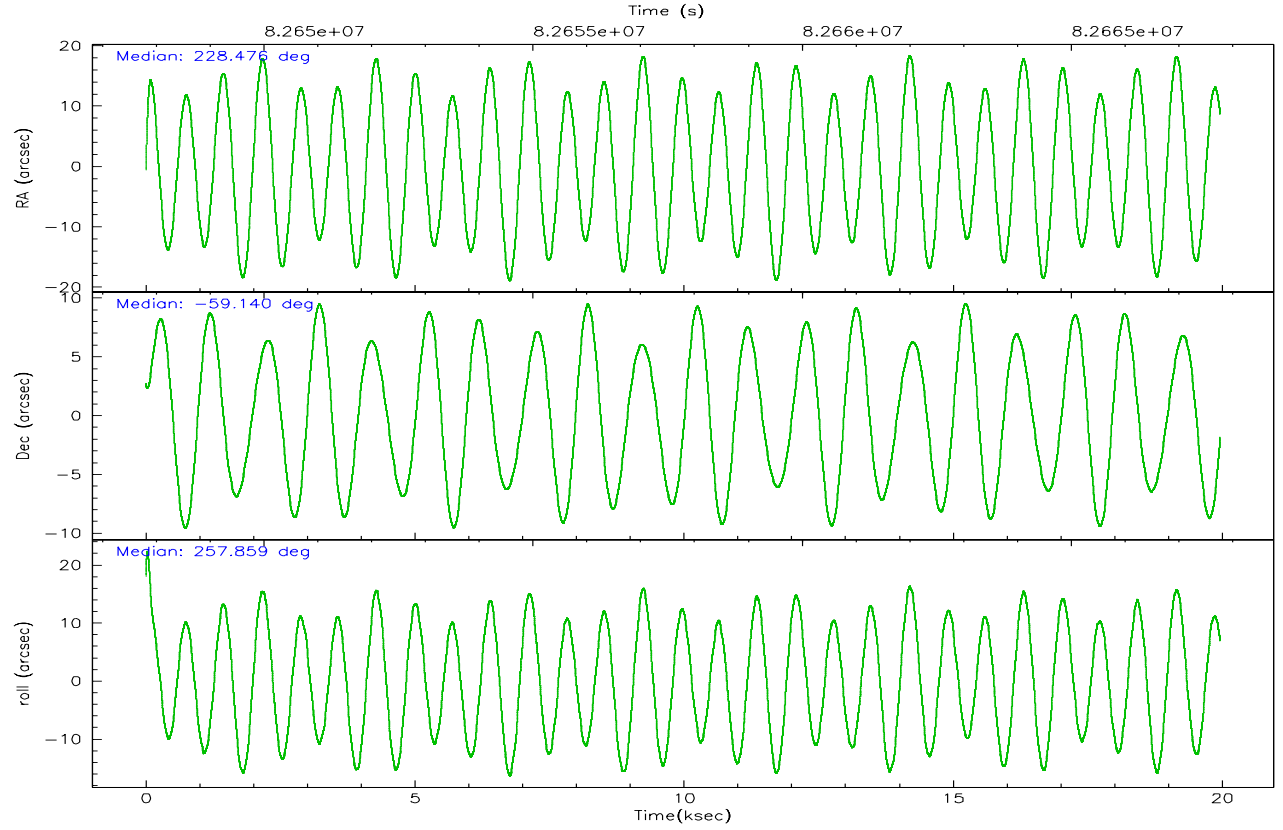
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7	ccd 9
grade 0 events	15145	78320	48182	49304	9250	14627
	13%	39%	28%	27%	6%	10%
grade 1 events	103	296	224	824	150	124
	0%	0%	0%	0%	0%	0%
grade 2 events	5233	13168	9866	10932	14929	10424
	4%	6%	5%	6%	10%	7%
grade 3 events	1623	4342	3105	3424	6894	1383
	1%	2%	1%	1%	4%	1%
grade 4 events	1595	4094	3312	3397	6841	1405
	1%	2%	1%	1%	4%	1%
grade 5 events	3681	4136	3759	5038	12918	4673
	3%	2%	2%	2%	8%	3%
grade 6 events	3580	5548	5025	5976	32609	3459
	3%	2%	2%	3%	21%	2%
grade 7 events	84943	88491	96868	99668	64702	98973
	73%	44%	56%	55%	43%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012379	ACIS-012379	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	228.459904	228.4761835013477	Subarray requested	NONE	NONE
Pointing Dec	-59.113579	-59.13981834507334	Alternating exposures requested	N	N
Pointing Roll	257.642743	257.8654159697125	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-232.092463	-232.1014741176067			
SIM translation stage offset (mm)	-1.5	-1.49097888532296			
Observation start time	82648444.184000	82647171.932606			
Observation start date	2000-08-14T13:53:00	2000-08-14T13:32:51			
Observation end time	82667769.184000	82668246.445895			
Observation end date	2000-08-14T19:15:05	2000-08-14T19:24:06			
Read mode	TIMED	TIMED			

2.3 Aspect



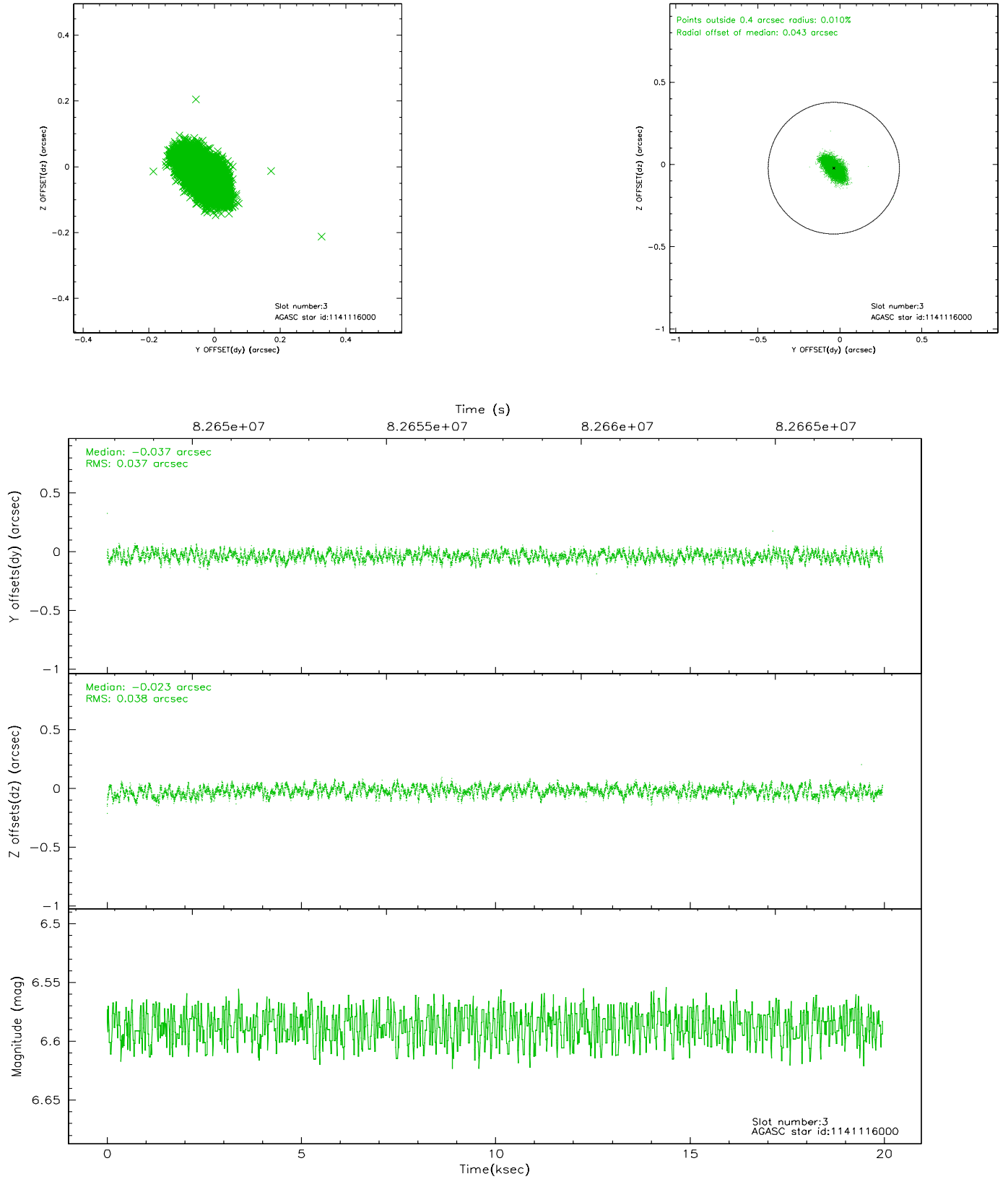


Slot Statistics

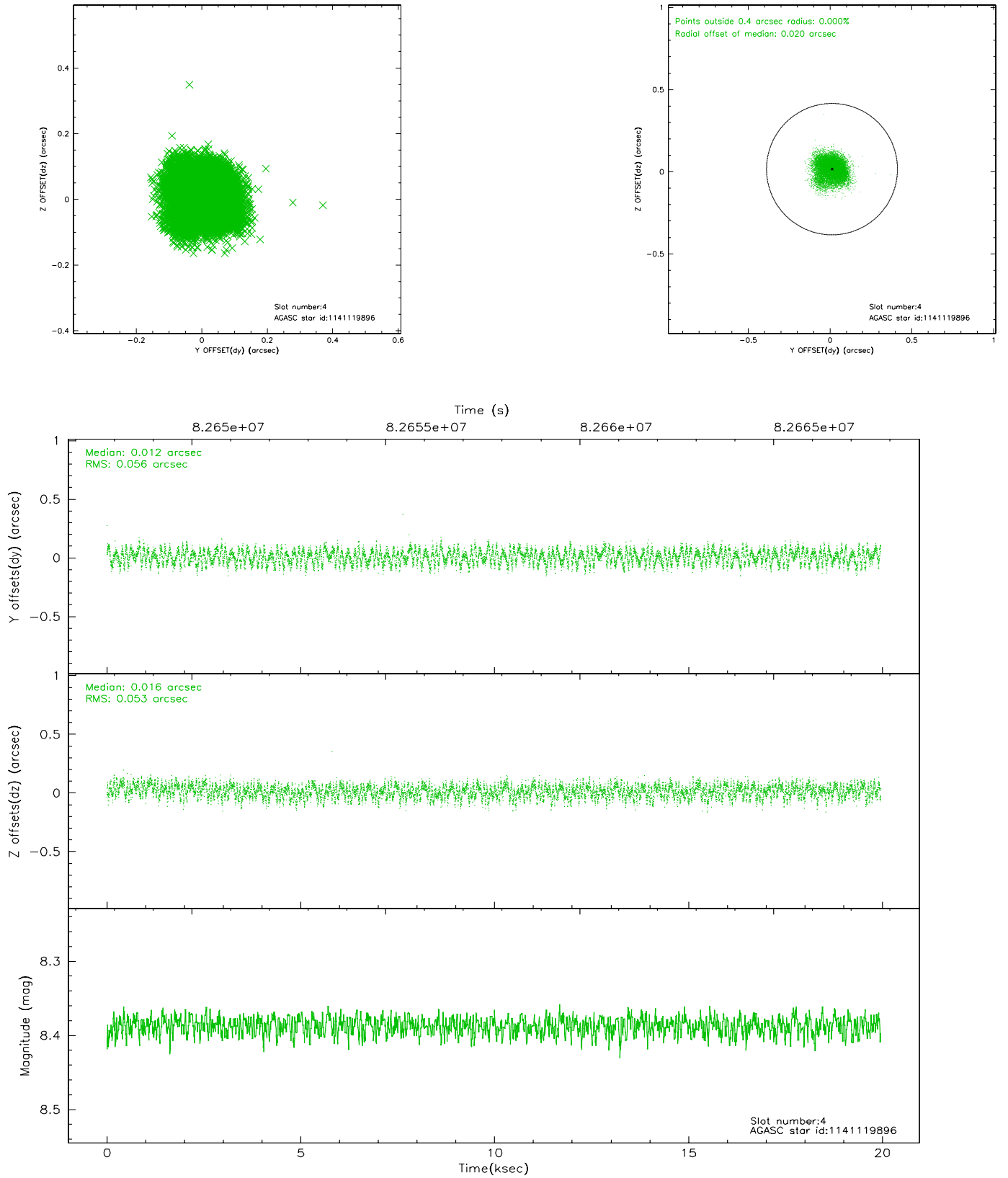
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	4869	-0.020	-0.019	0.010	0.030	0.000000	0.000000	-755.20	-865.06
1	FID	ACIS-I-4	7.18	4869	-0.091	0.026	0.007	0.033	0.000000	0.000000	2158.68	1041.08
2	FID	ACIS-I-5	7.23	4869	0.010	0.062	0.010	0.019	0.000000	0.000000	-1808.69	1038.96
3	GUIDE	1141116000	6.59	9737	-0.037	-0.023	0.057	0.092	227.224564	-59.142142	610.52	-2201.51
4	GUIDE	1141119896	8.39	9738	0.012	0.016	0.084	0.127	229.637327	-59.405643	584.93	2336.18
5	GUIDE	1141116568	8.54	9737	-0.080	0.097	0.053	0.088	228.578452	-58.520066	-2133.55	-239.45
6	GUIDE	1141118720	9.46	9734	0.191	0.005	0.097	0.155	227.772709	-59.614232	2035.86	-835.08
7	GUIDE	1141118800	9.51	9733	-0.087	-0.092	0.083	0.138	228.802182	-58.730777	-1480.25	329.84

2.4 Star Slots

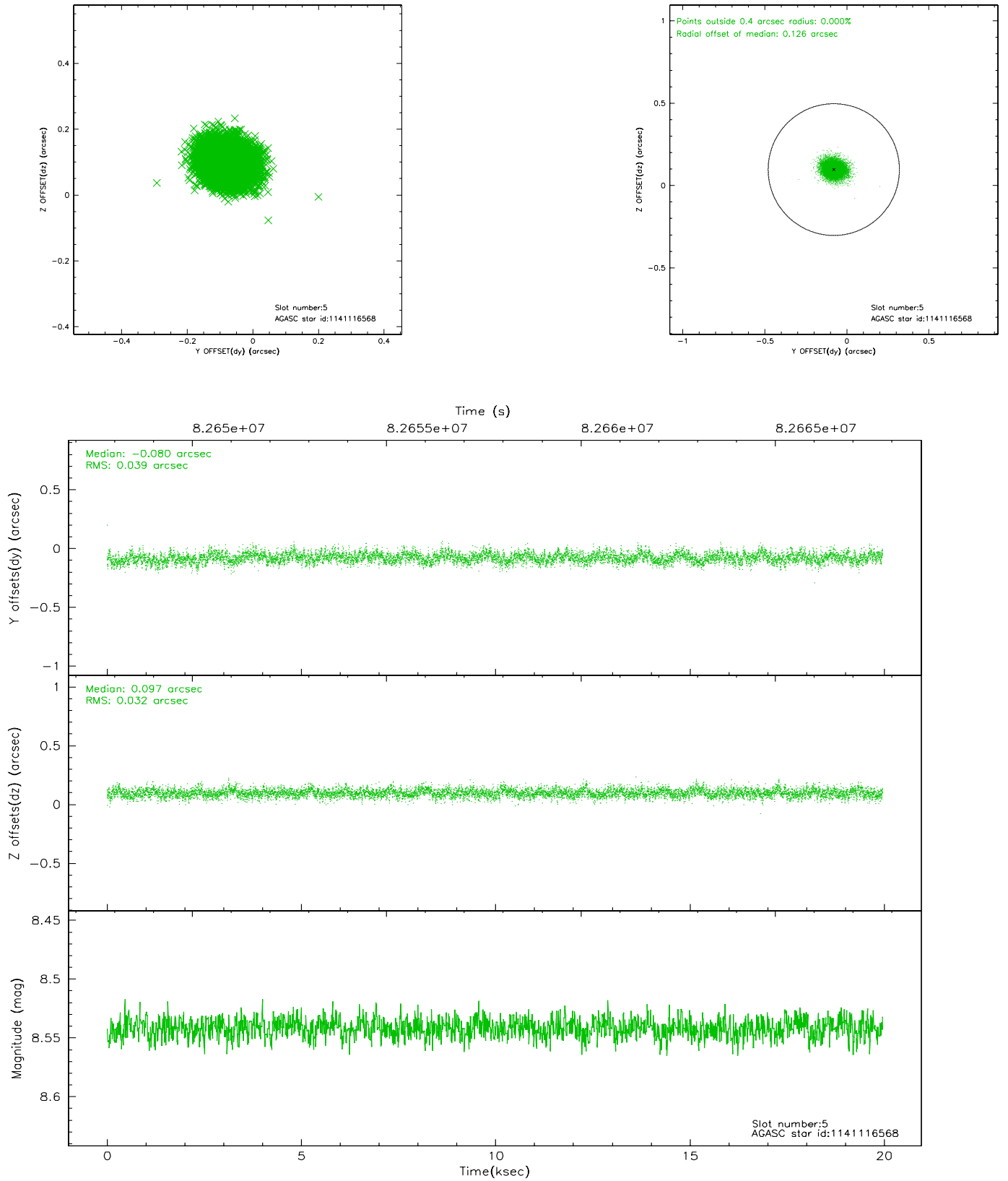
2.4.1 Slot 3



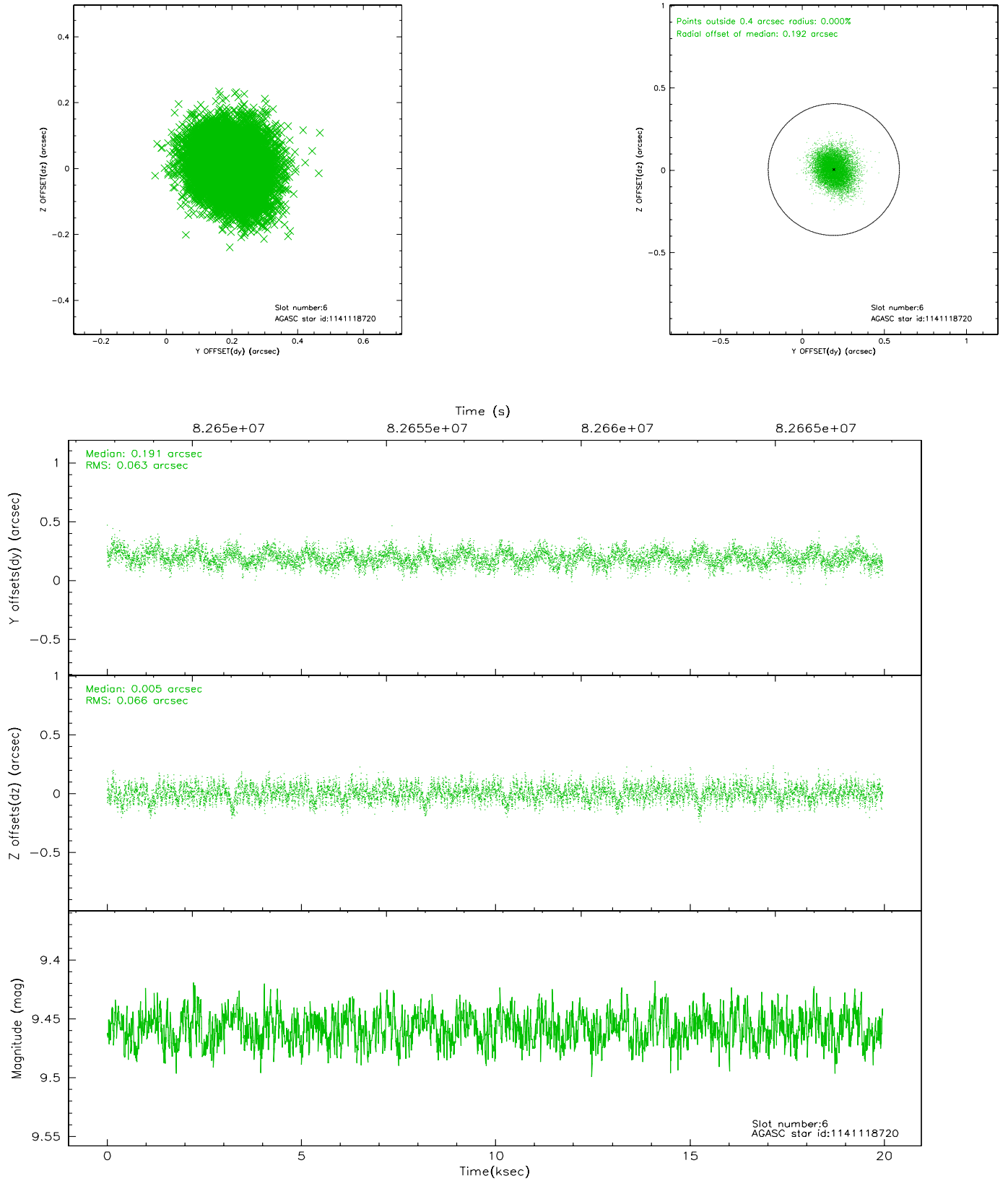
2.4.2 Slot 4



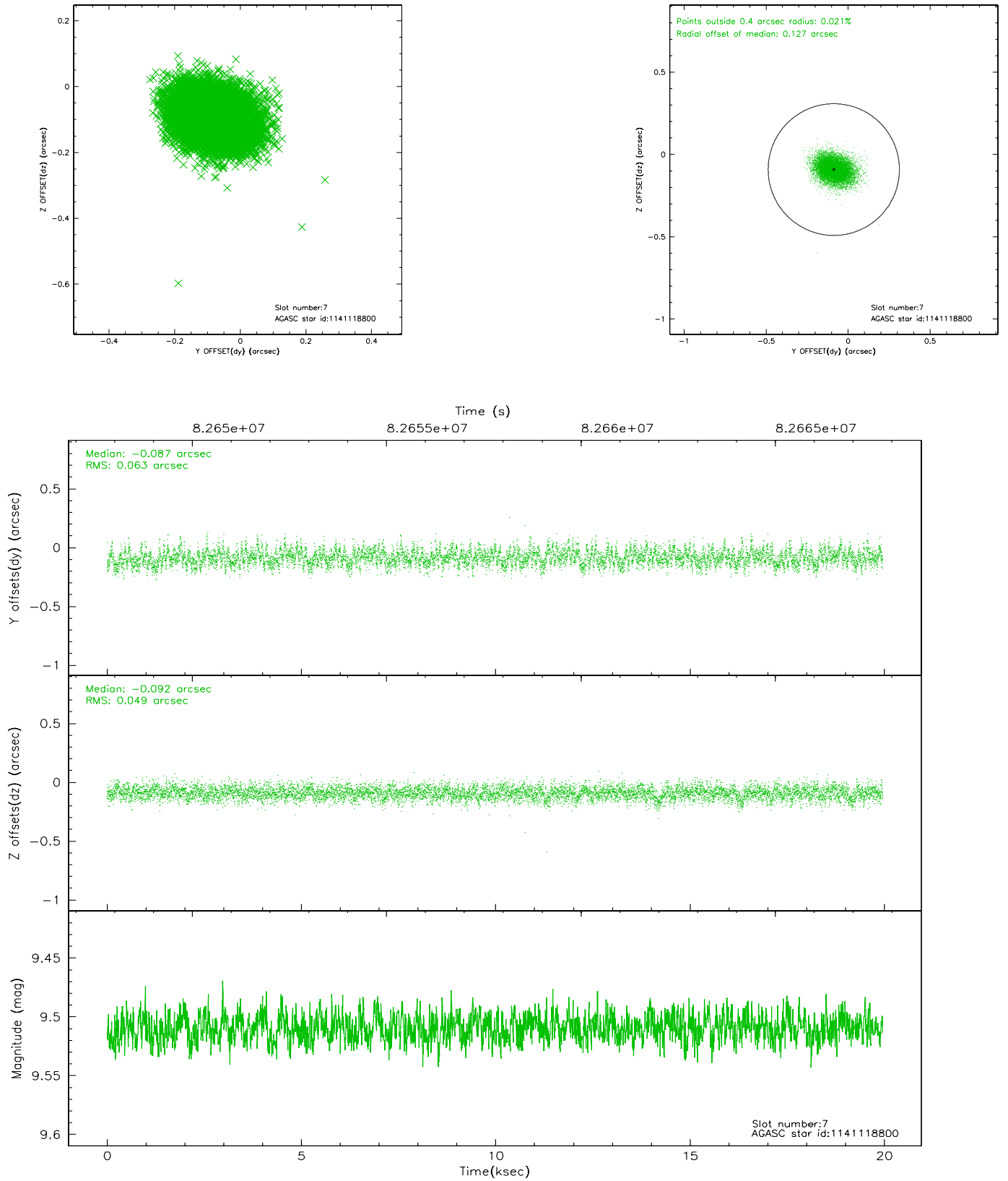
2.4.3 Slot 5



2.4.4 Slot 6

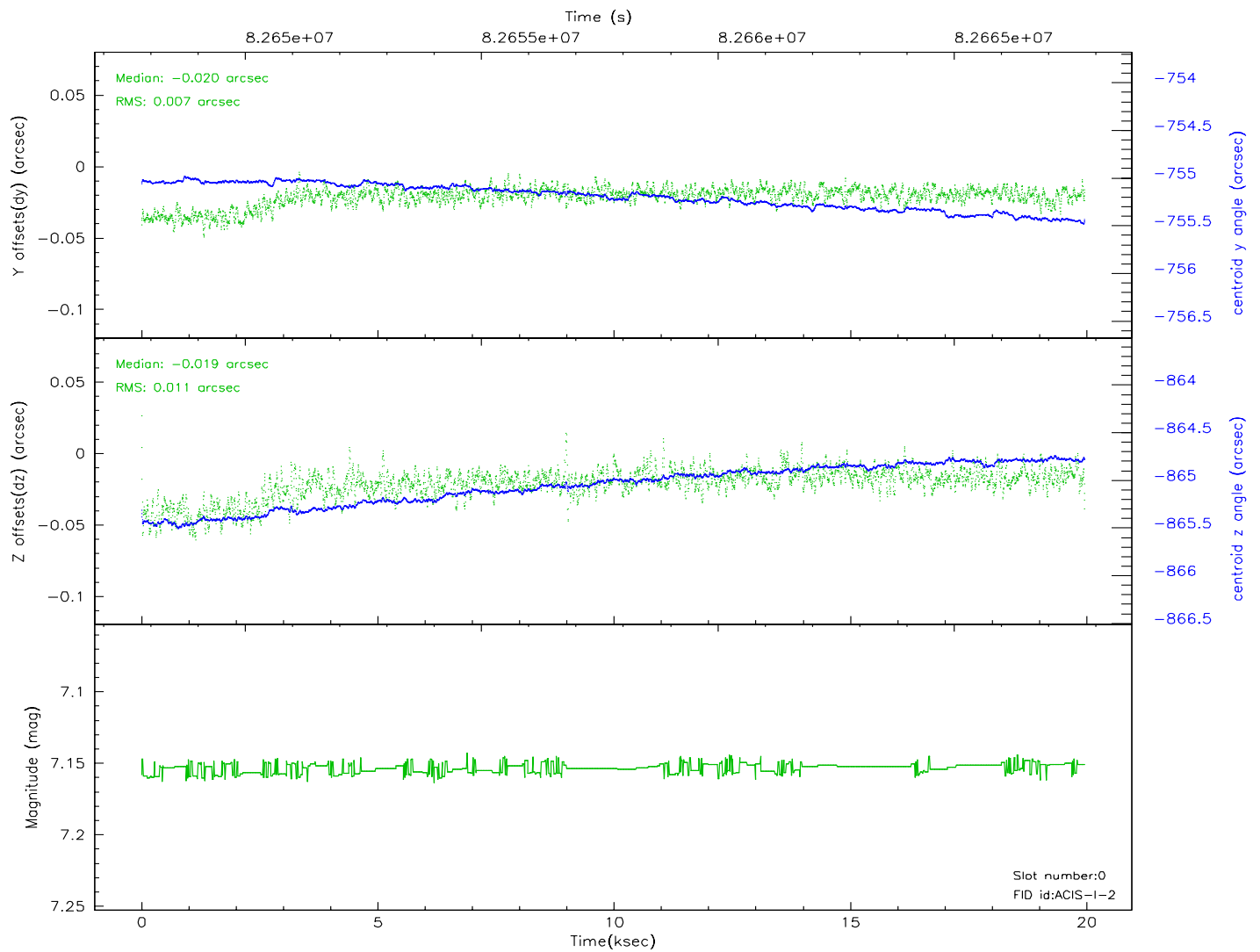
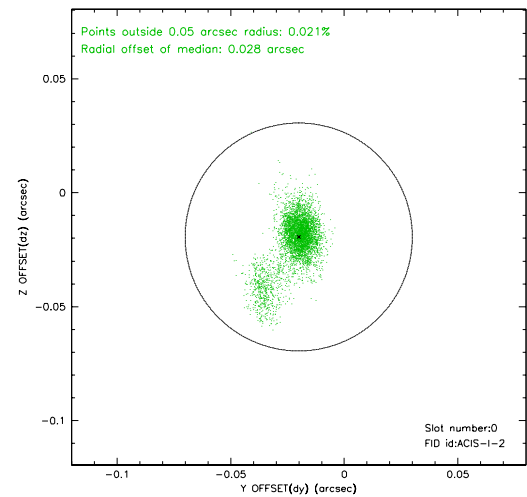
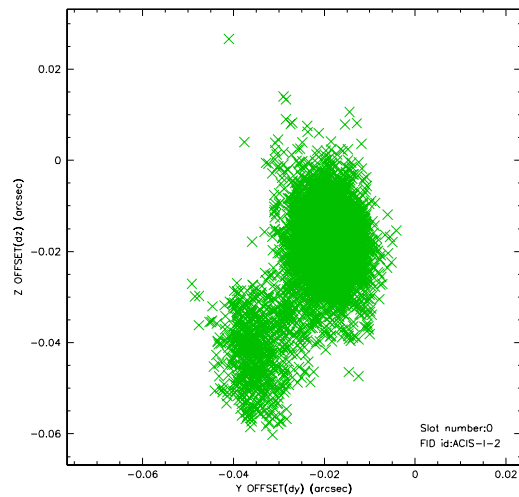


2.4.5 Slot 7

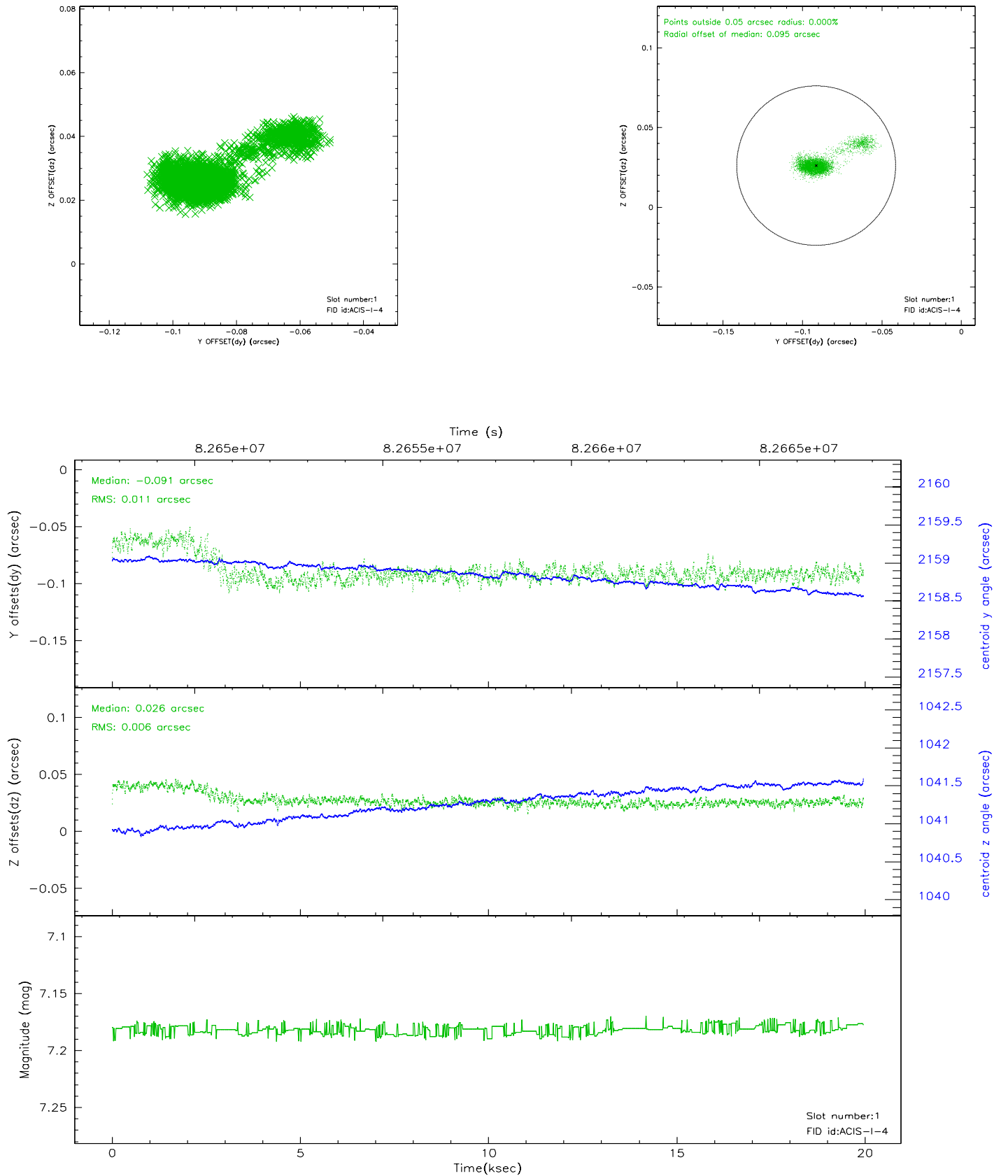


2.5 FID Slots

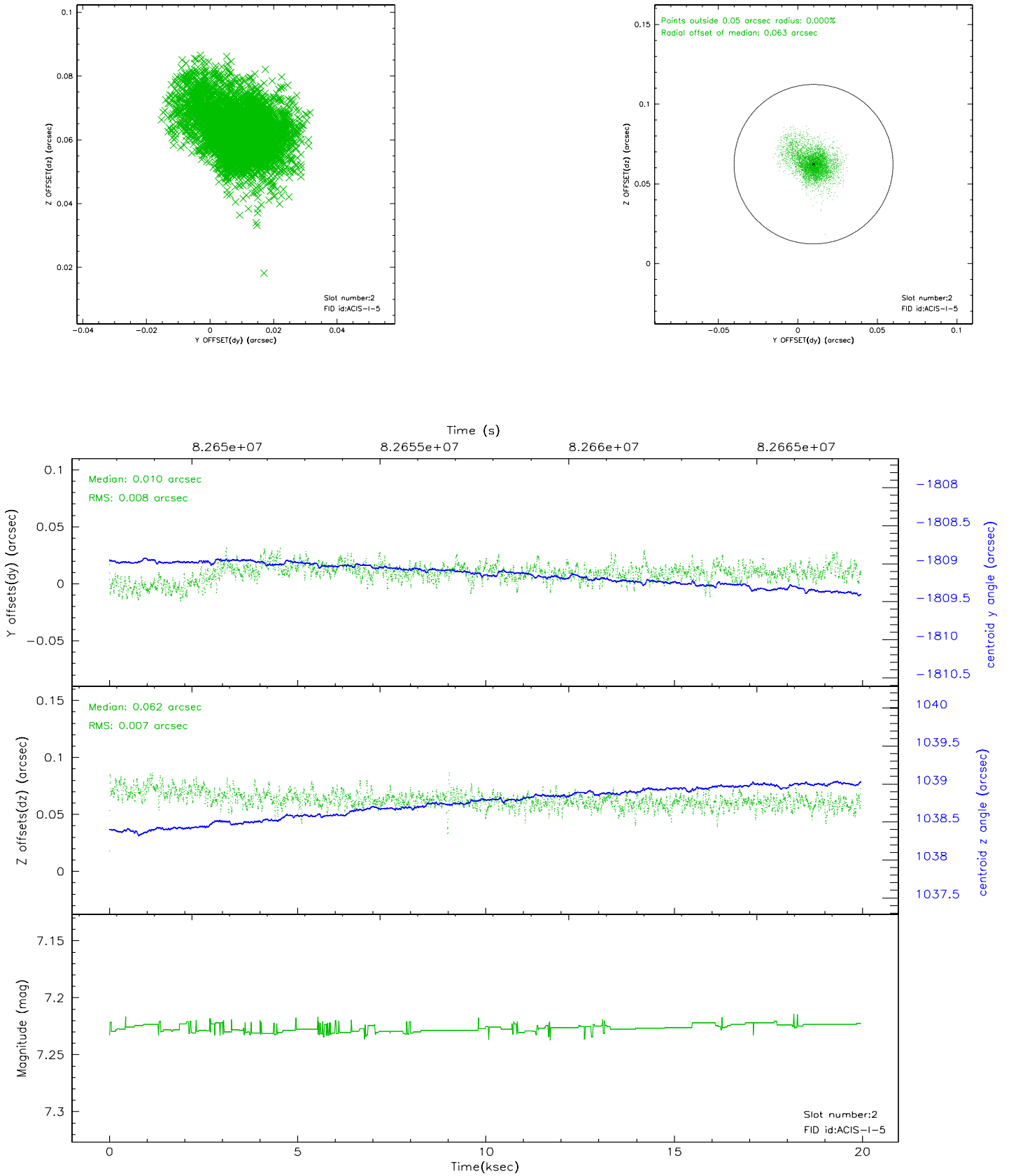
2.5.1 Slot 0



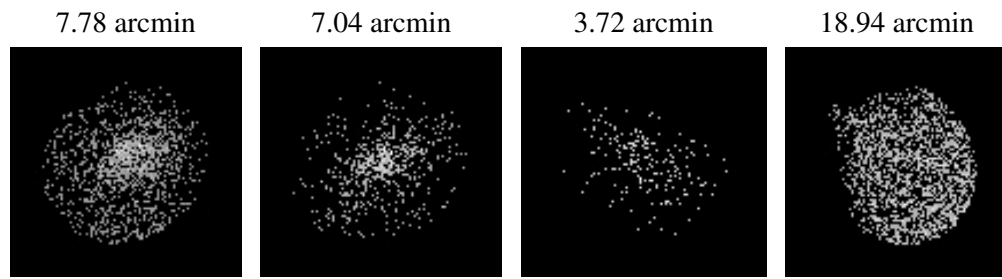
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.2832

A.2 Comments