

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3771 - L2 Version 001
Chandra X-Ray Center

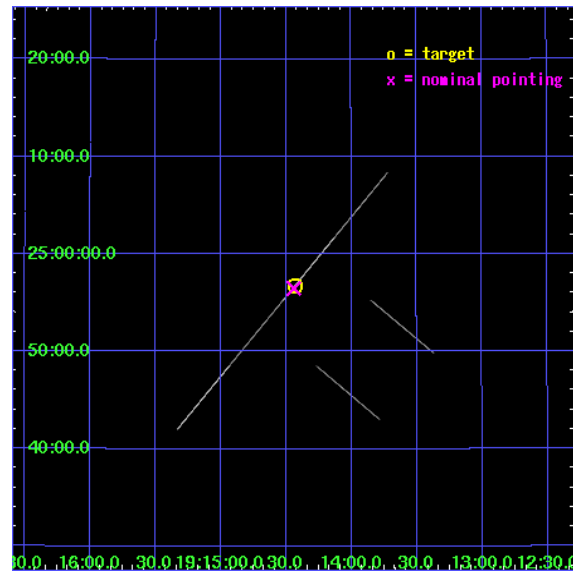
L2 Processing Date : Jun 26 2006

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1 Front

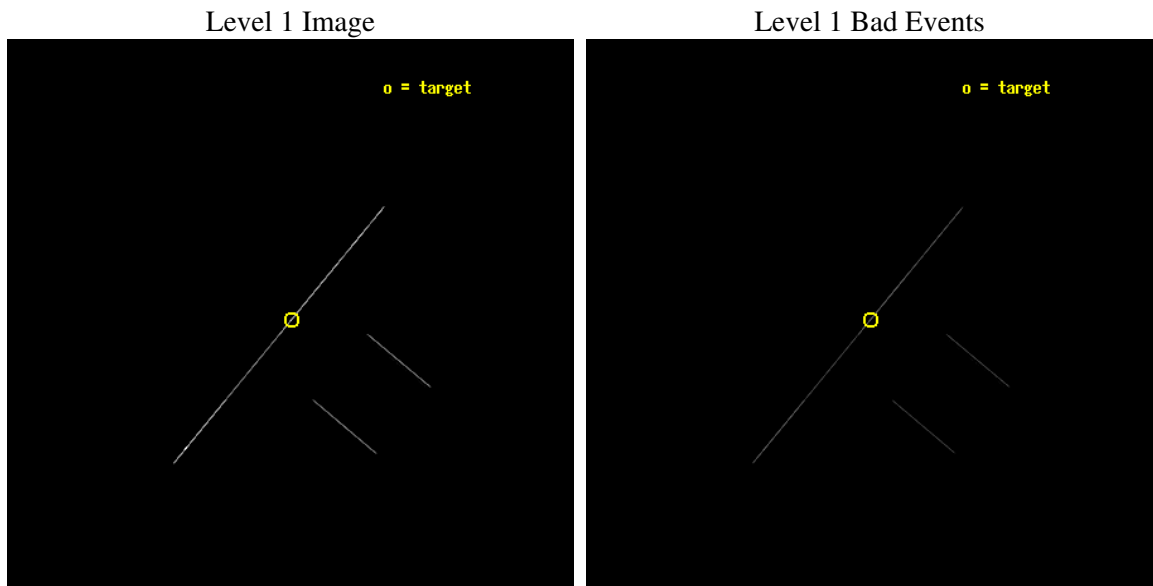
seq_num	300096
obs_id	3771
title	TIMING THE ORBIT OF RX J1914.4+2456: GRAVITATIONAL RADIATION AND THE NATURE OF THE X-RAY EMISSION
observer	Dr. Tod Strohmayer
object	RX J1914.4+2456
ra_targ	288.60875
dec_targ	24.945444
ra_nom	288.61011421585
dec_nom	24.941320715531
roll_nom	309.70376274065
revision	2
ontime	11256.75
livetime	11212.778320312
ontime2	11256.75
ontime3	11256.75
ontime5	11256.75
ontime6	11256.75
ontime7	11256.75
ontime8	11256.75
l2events	108316



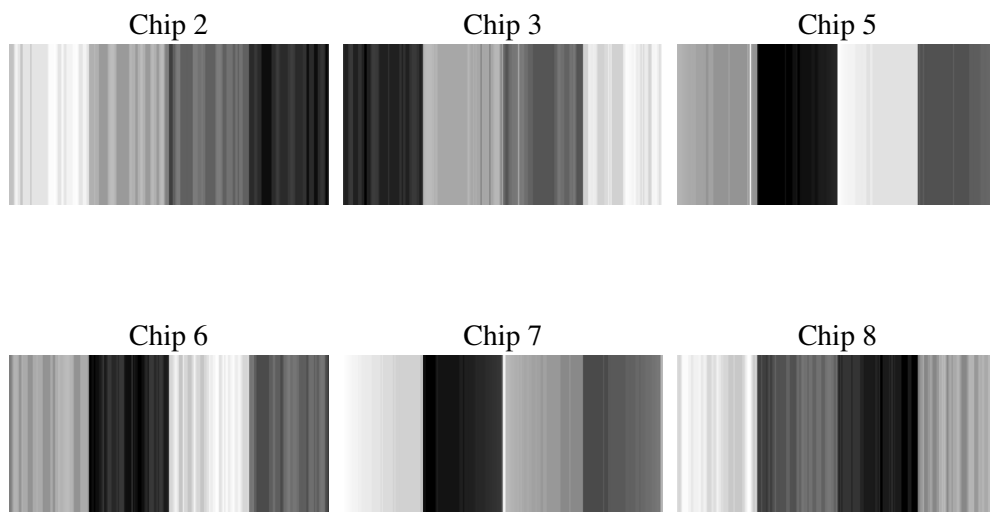
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-26T20:54:18
revision	2

sched_exp_time	10288.000000
ontime	11350.953019172
ontime2	11351.024679363
ontime3	11350.936600566
ontime5	11350.953223616
ontime6	11350.953114748
ontime7	11350.953019172
ontime8	11350.952913046
l1events	190082

2.1.4 Events

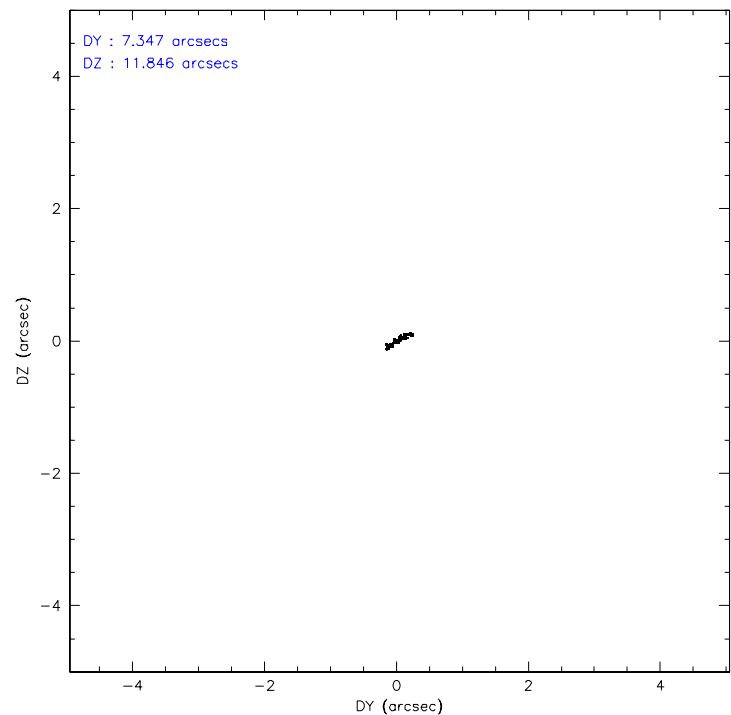
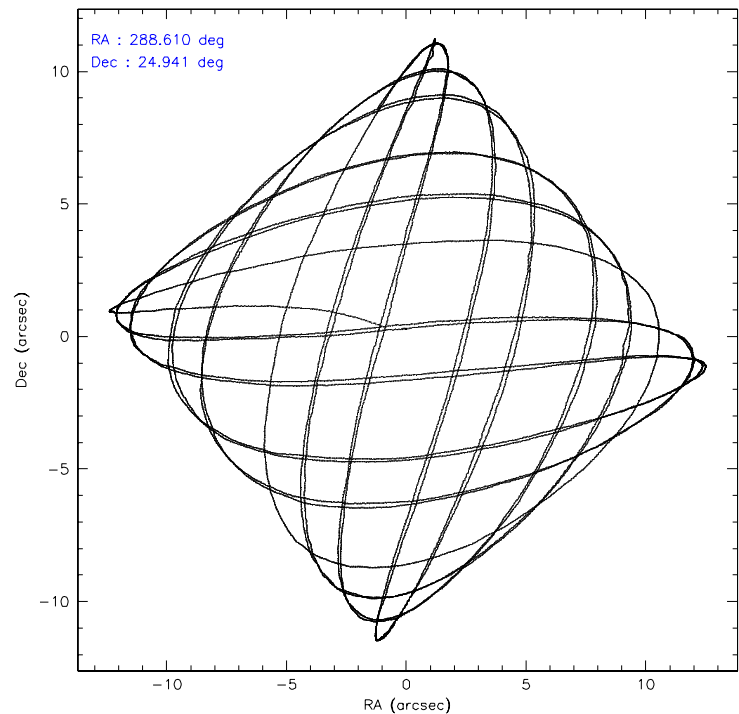
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	11454	12625	67278	12776	40870	45079
rejected events	2062	2418	4971	2551	5811	3961
rejected %	18%	19%	7%	19%	14%	8%

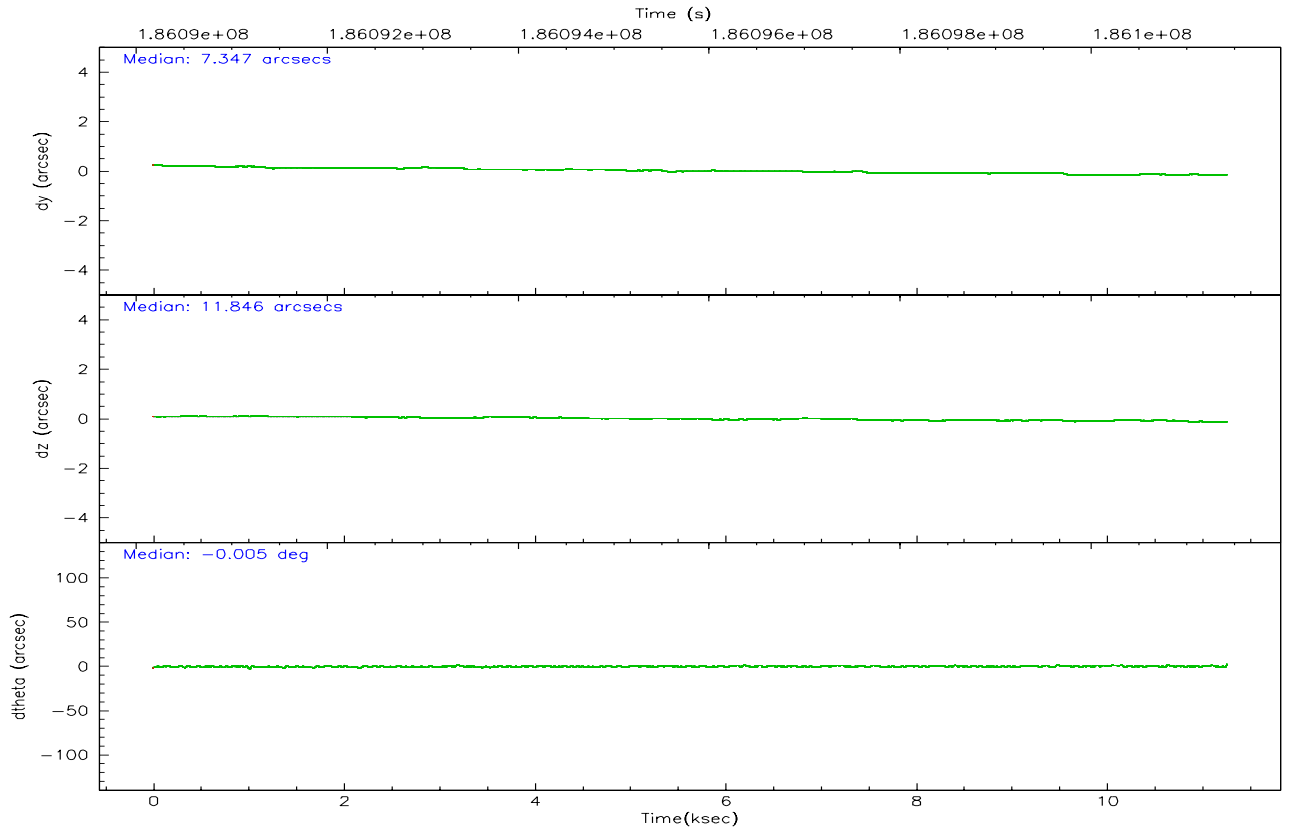
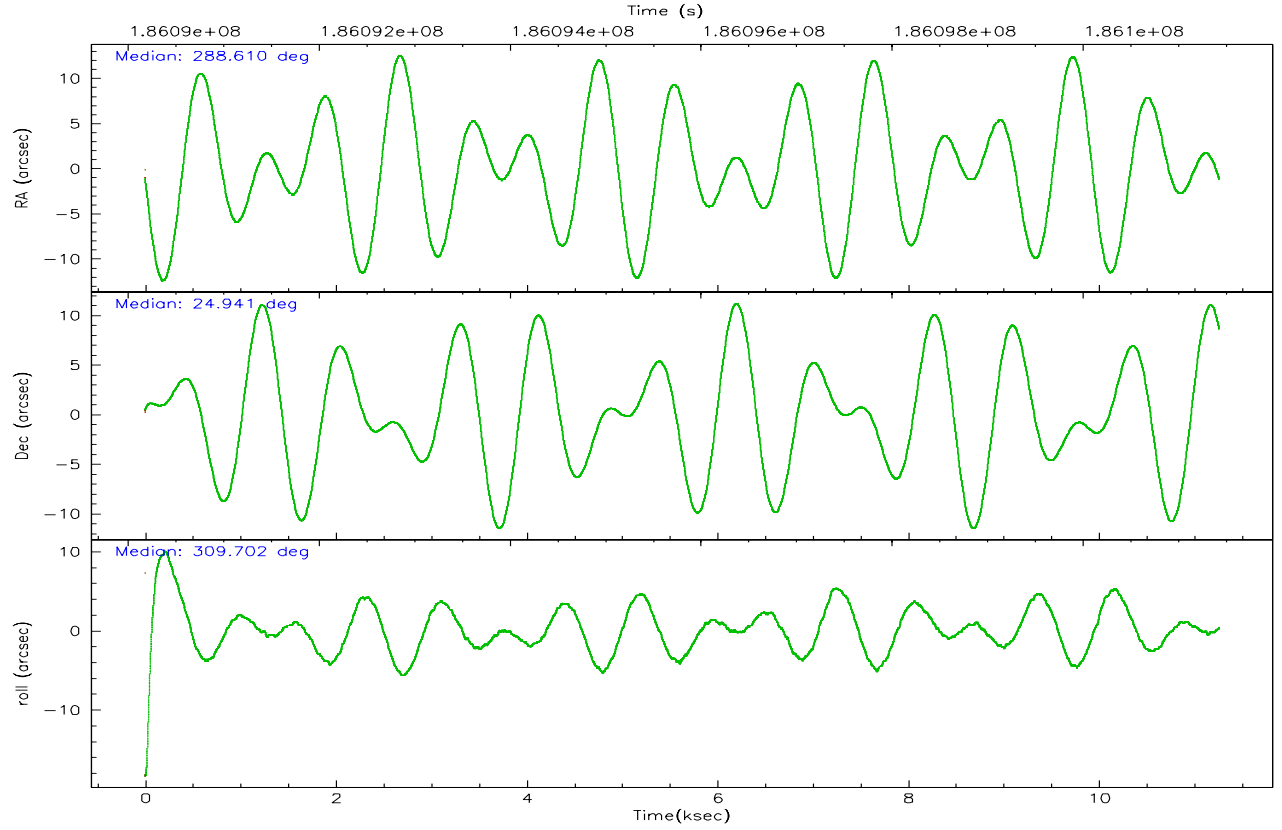
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1324	1361	21253	1305	3195	11639
	11%	10%	31%	10%	7%	25%
grade 1 events	34	50	68	38	63	134
	0%	0%	0%	0%	0%	0%
grade 2 events	3844	4048	15413	4133	9628	7854
	33%	32%	22%	32%	23%	17%
grade 3 events	1169	1454	996	1209	1732	7410
	10%	11%	1%	9%	4%	16%
grade 4 events	1137	1226	988	1168	1634	6746
	9%	9%	1%	9%	3%	14%
grade 5 events	1972	2285	4399	2417	5460	3409
	17%	18%	6%	18%	13%	7%
grade 6 events	1974	2201	24161	2506	19158	7887
	17%	17%	35%	19%	46%	17%
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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	288.581850	288.6101142158523	Alternating exposures requested	N	N
Pointing Dec	24.950371	24.94132071553113	Primary exposure time	0.000000	0
Pointing Roll	309.559082	309.7037627406517			
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	186091144.184000	186089787.13348			
Observation start date	2003-11-24T19:58:00	2003-11-24T19:36:27			
Observation end time	186101432.184000	186102584.25903			
Observation end date	2003-11-24T22:49:28	2003-11-24T23:09:44			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



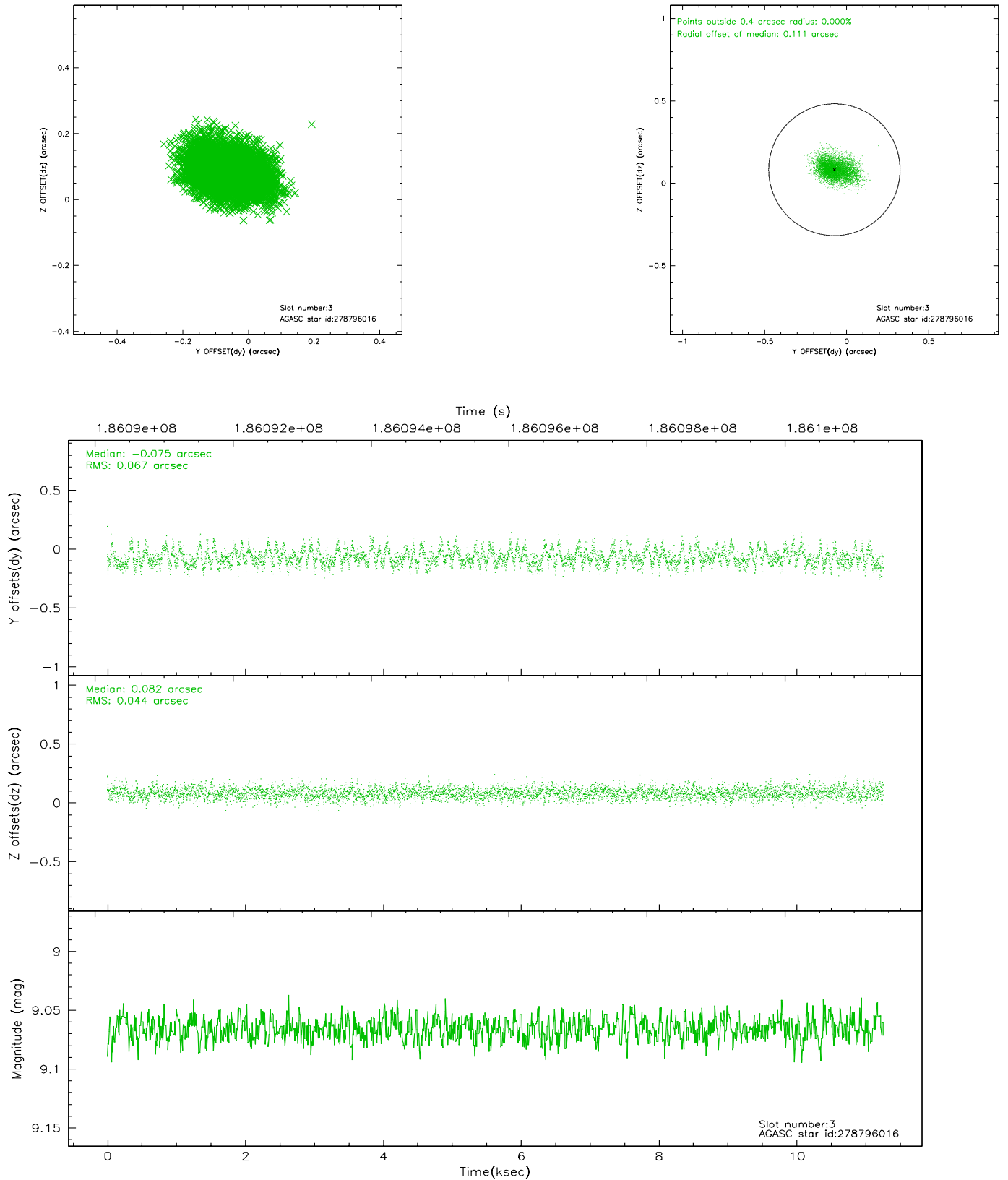


Slot Statistics

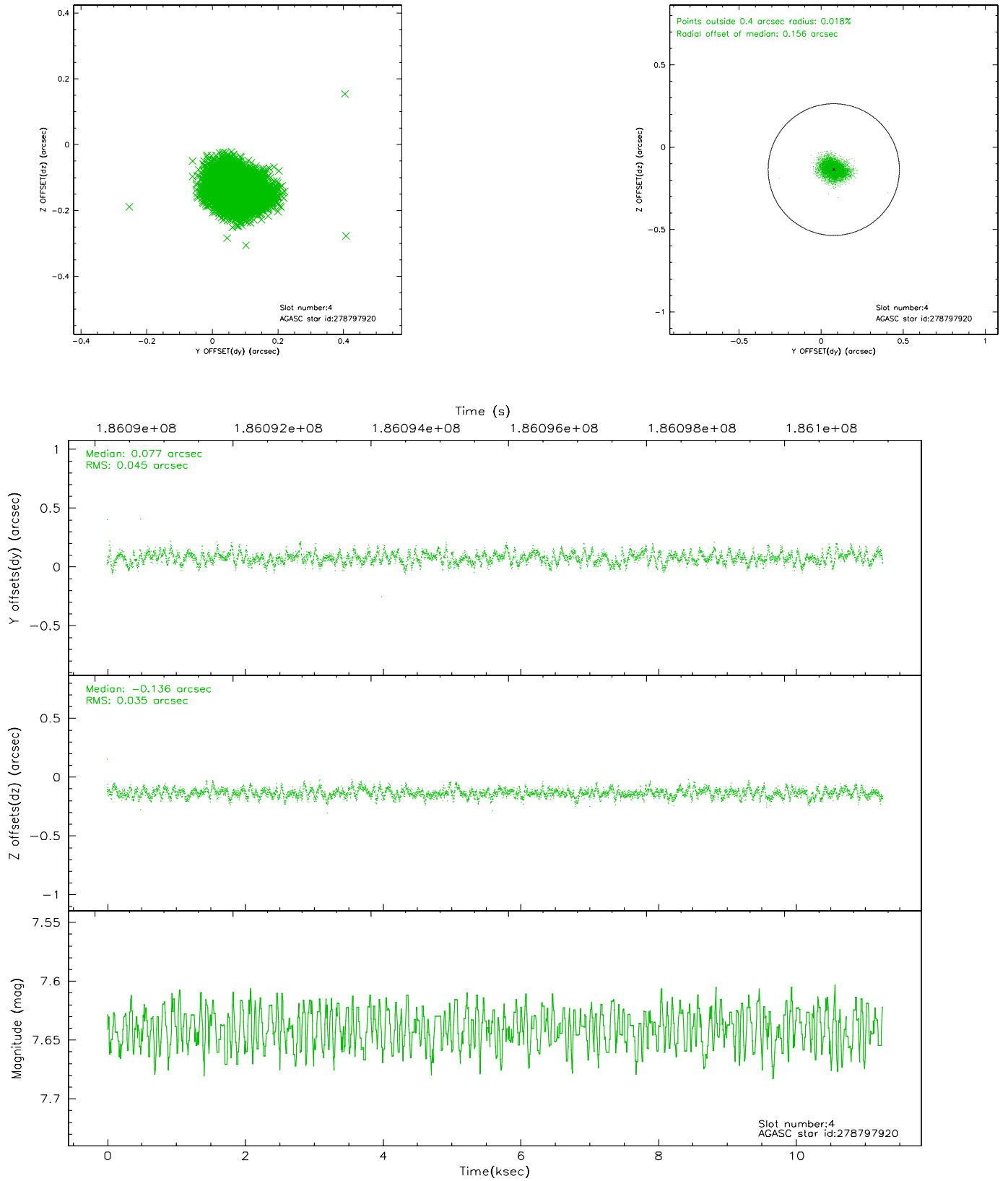
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	2748	-0.001	-0.043	0.008	0.016	0.000000	0.000000	935.91	-1728.82
1	FID	ACIS-S-4	7.20	2748	0.009	0.005	0.007	0.012	0.000000	0.000000	2153.57	174.93
2	FID	ACIS-S-6	7.34	2747	-0.033	0.050	0.007	0.012	0.000000	0.000000	402.39	812.84
3	GUIDE	278796016	9.07	5495	-0.075	0.082	0.085	0.140	288.702028	25.796155	-2099.40	2239.84
4	GUIDE	278797920	7.64	5495	0.077	-0.136	0.061	0.098	288.580174	25.013203	-177.84	140.26
5	GUIDE	278808544	8.96	5491	-0.047	0.001	0.068	0.110	287.819957	25.159250	-2165.94	-1430.60
6	GUIDE	278953272	8.36	5494	-0.006	0.064	0.050	0.081	289.216166	24.729034	1931.49	1094.69
7	GUIDE	278954448	7.73	5494	0.045	-0.011	0.054	0.084	289.033961	24.779147	1415.50	748.02

2.4 Star Slots

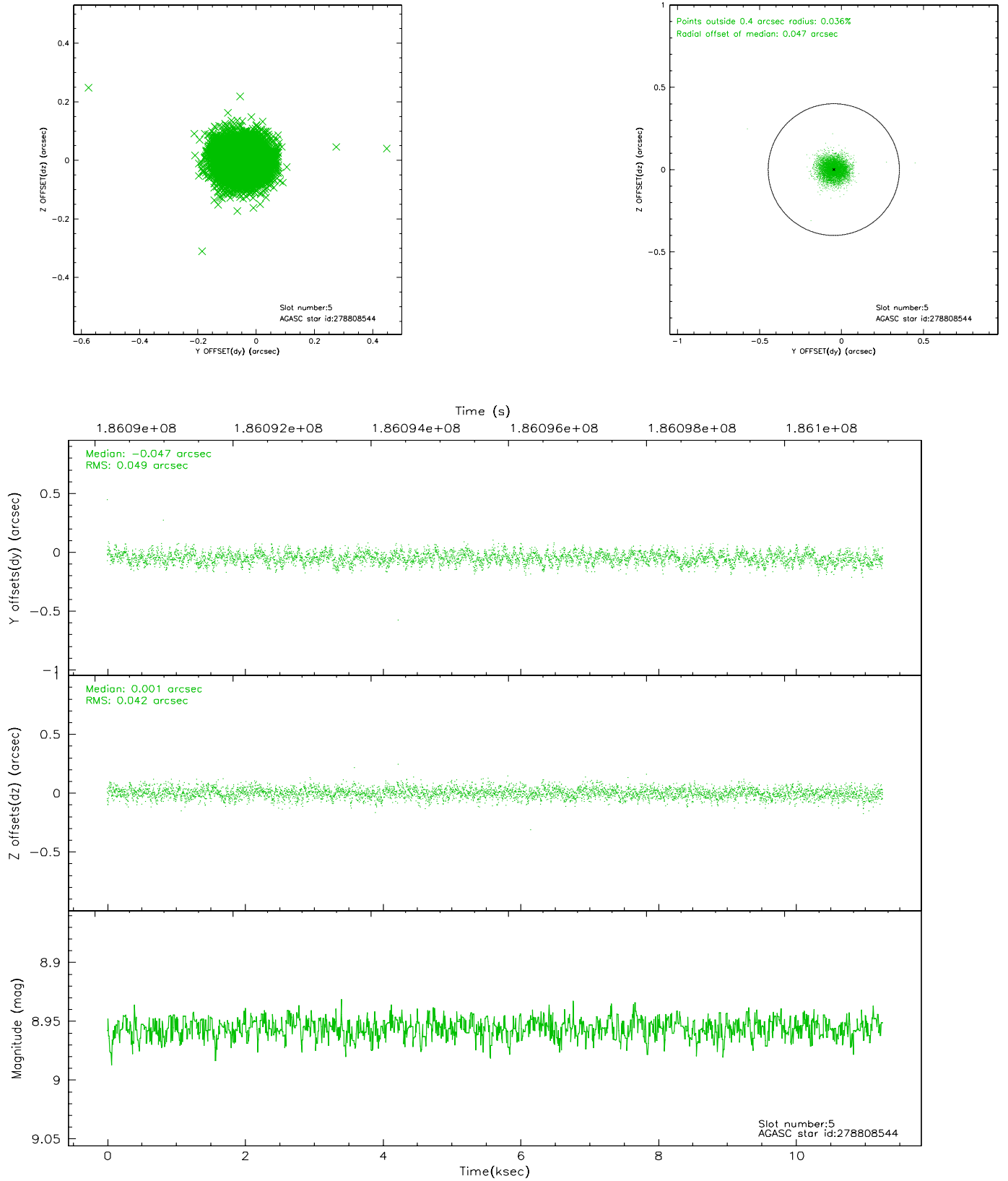
2.4.1 Slot 3



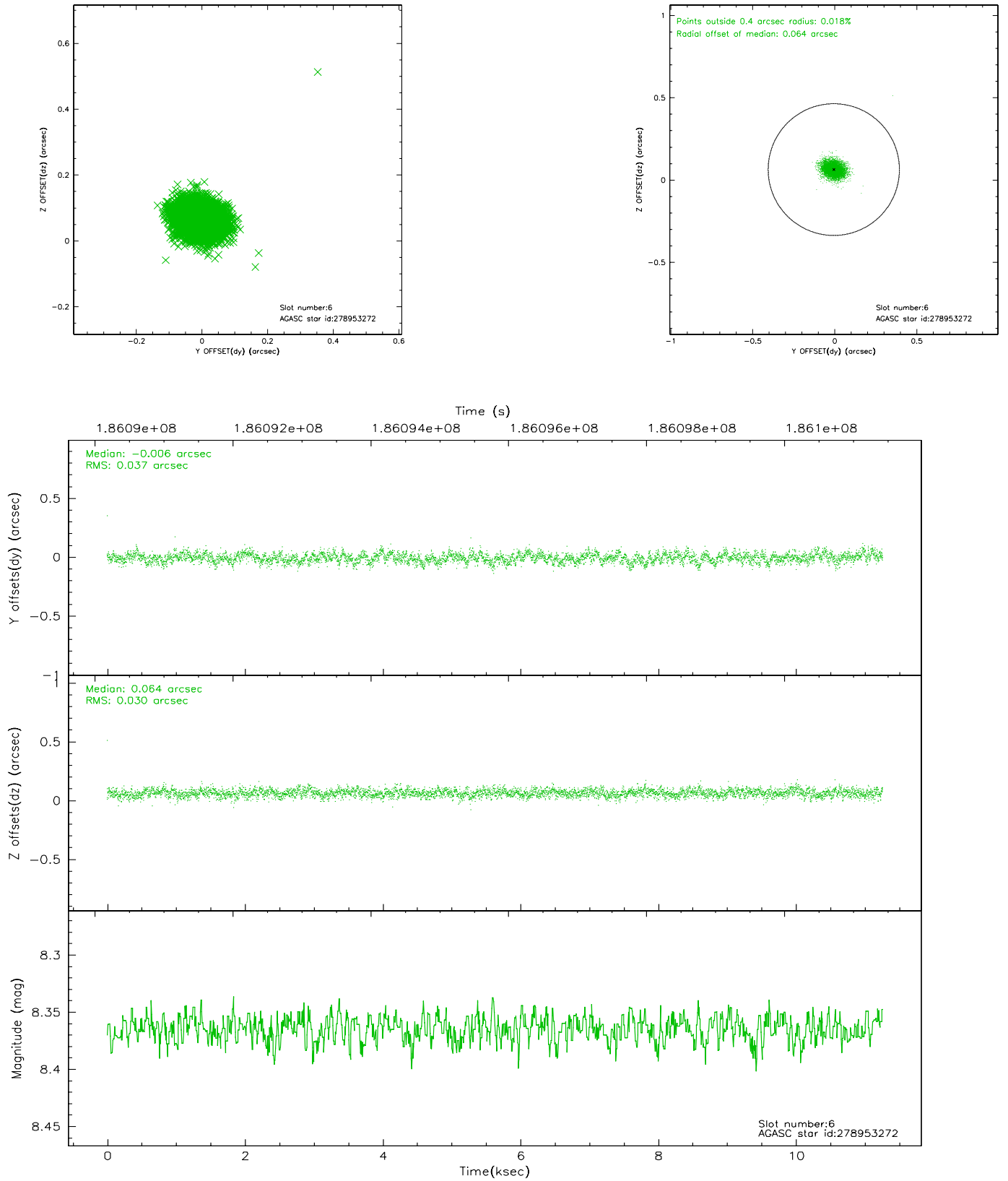
2.4.2 Slot 4



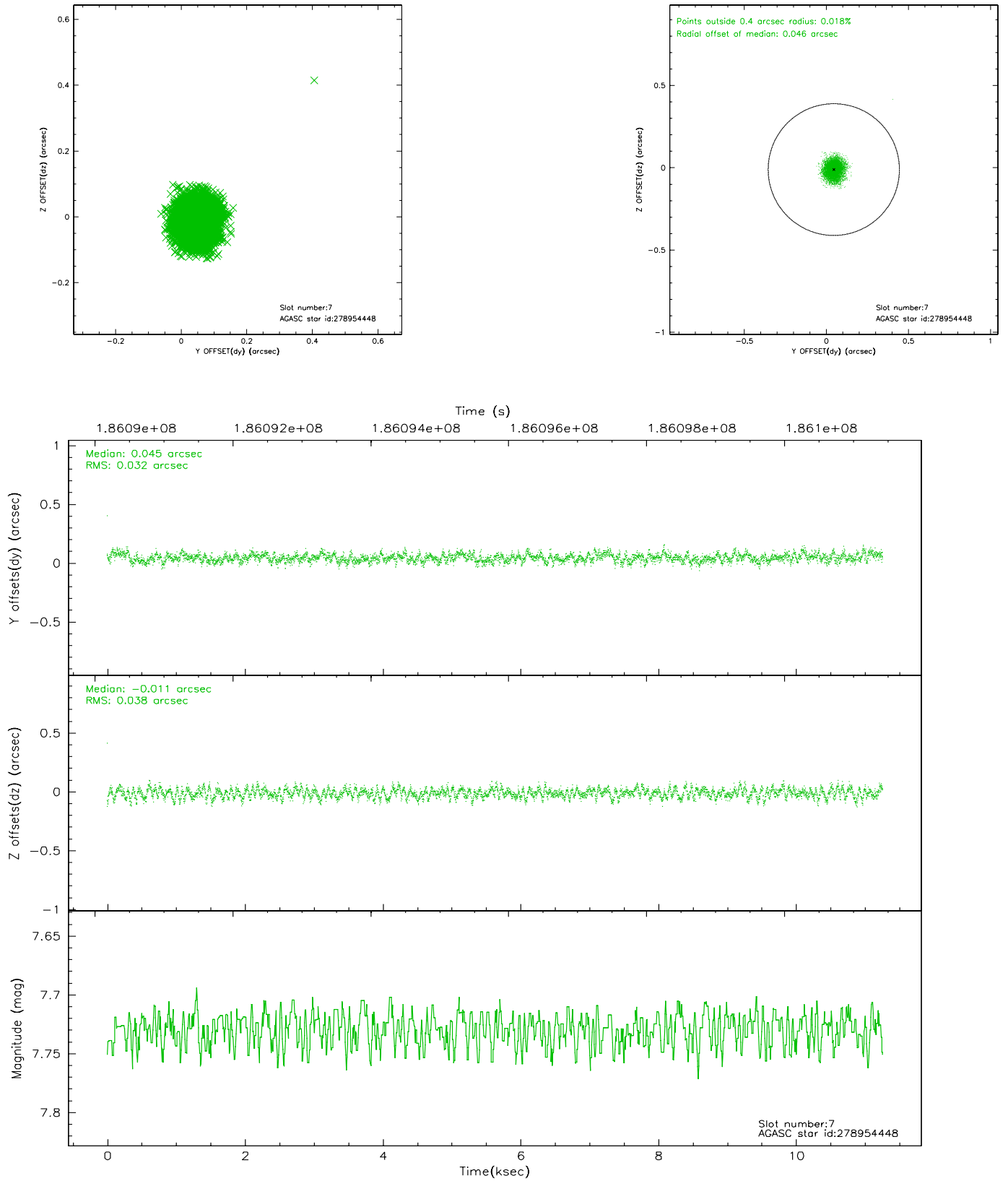
2.4.3 Slot 5



2.4.4 Slot 6

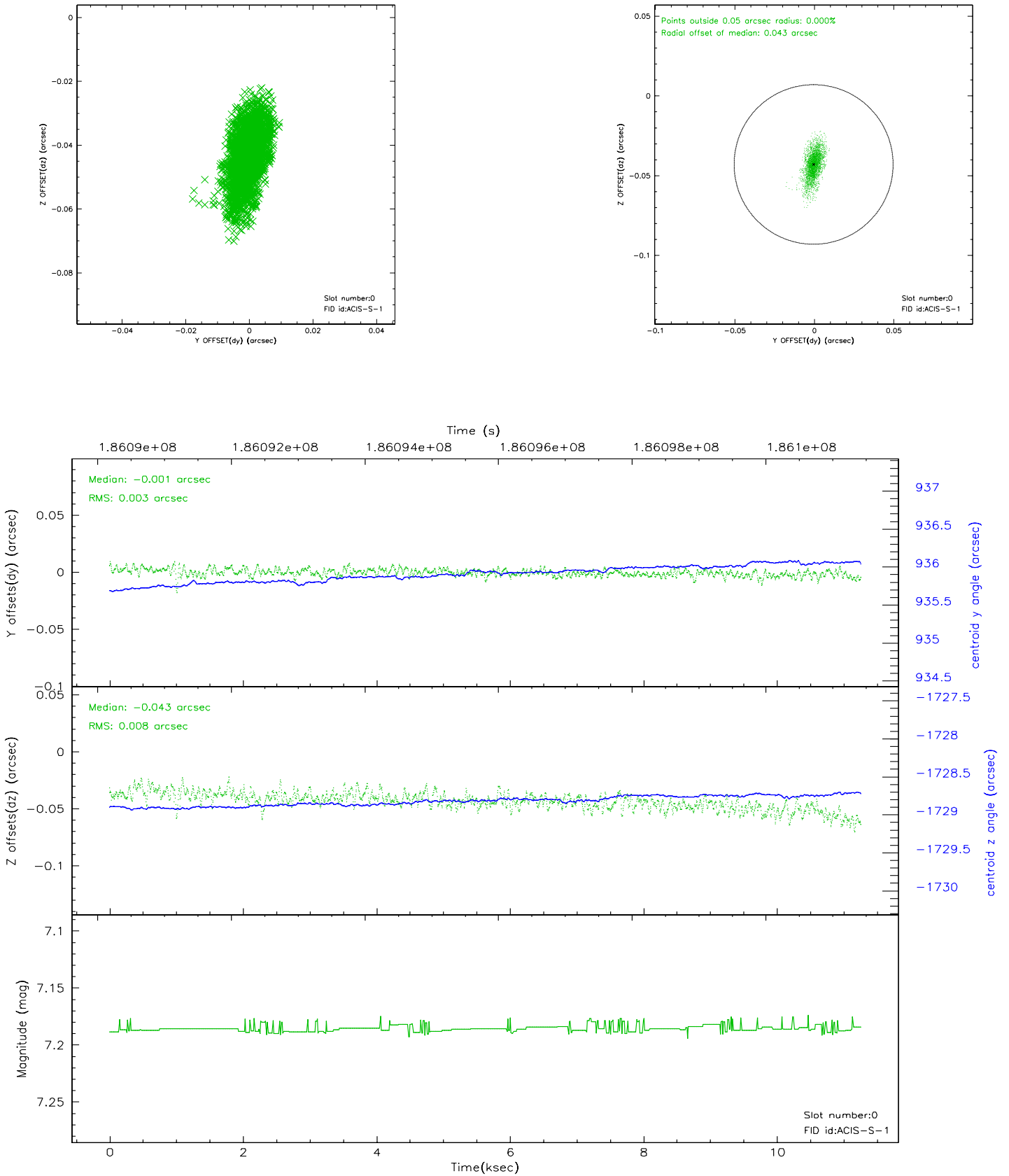


2.4.5 Slot 7

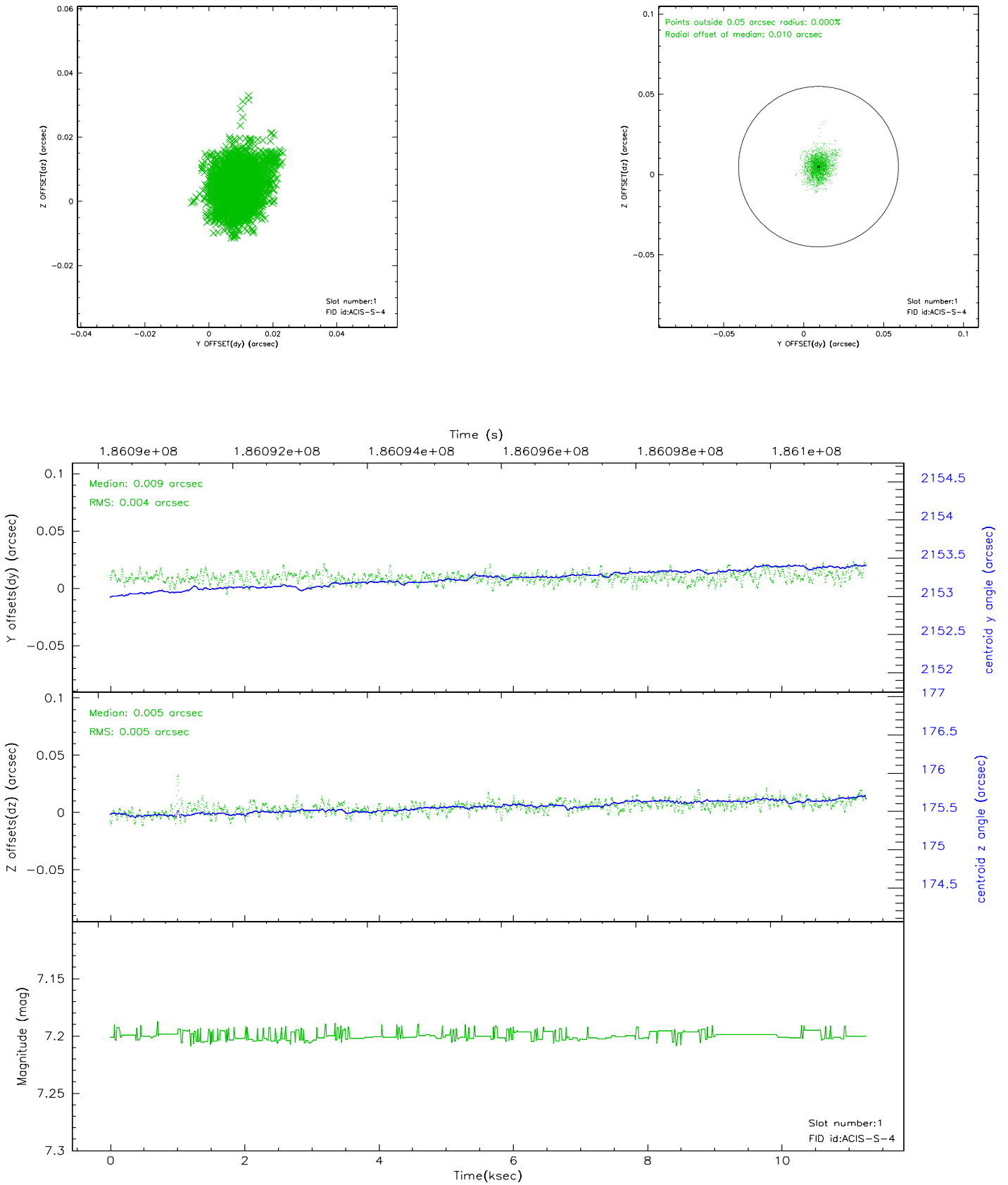


2.5 FID Slots

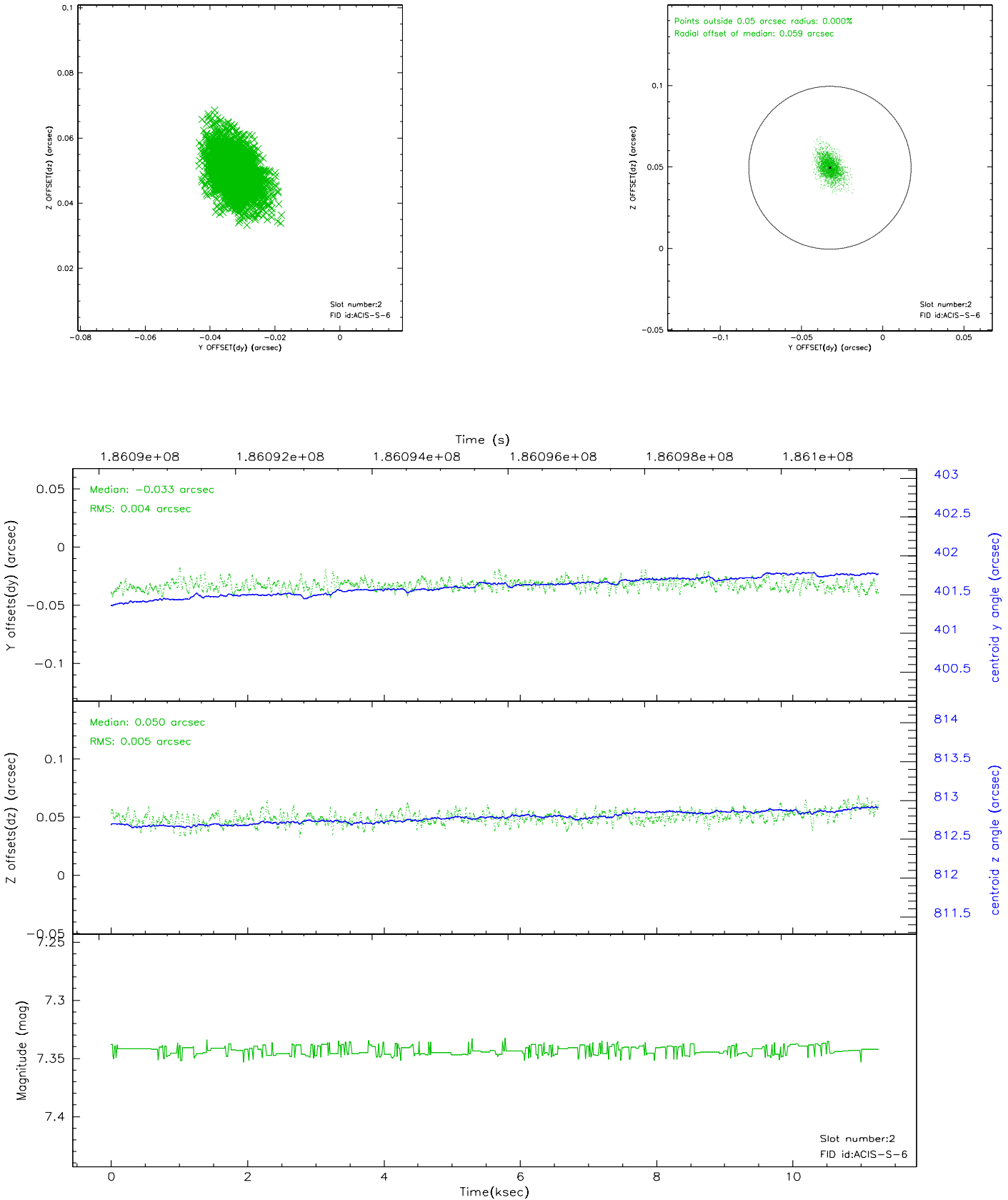
2.5.1 Slot 0



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)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.26

A.2 Comments