

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3788 - L2 Version 001
Chandra X-Ray Center

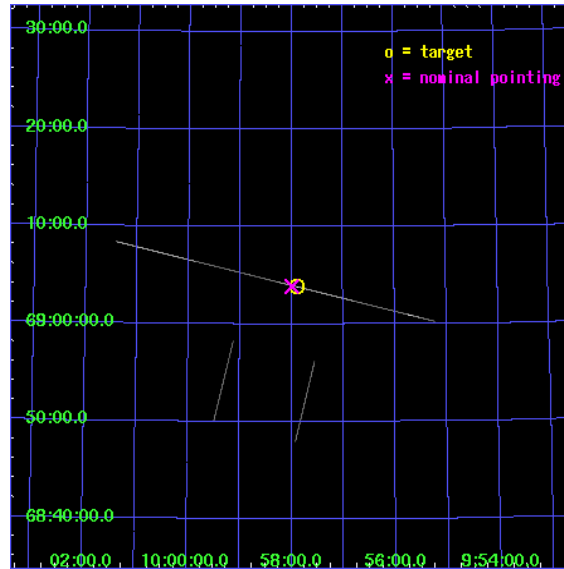
L2 Processing Date : Jul 7 2006

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1 Front

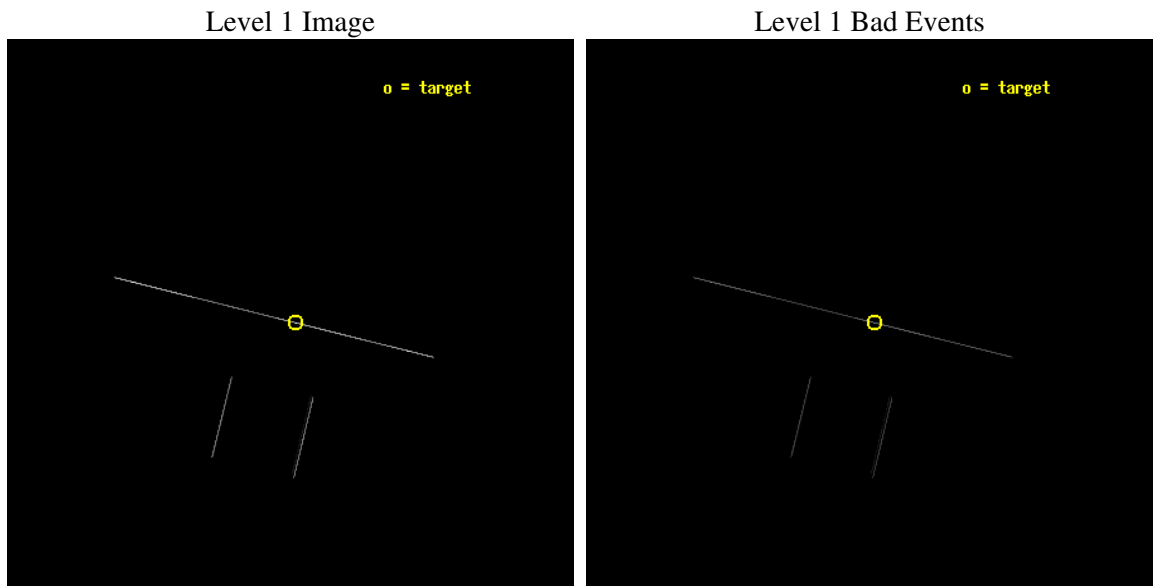
seq_num	400275
obs_id	3788
title	MONITORING THE SPECTRAL VARIABILITY OF THE ULTRALUMINOUS X-RAY SOURCE IN HOLMBERG IX
observer	Dr. Patrick Slane
object	1E0953.8+6918
ra_targ	149.470833
dec_targ	69.064167
ra_nom	149.49786563247
dec_nom	69.064833412204
roll_nom	13.822641136965
revision	3
ontime	14511.790017694
livetime	14455.103337938
ontime2	14511.790345877
ontime3	14511.791232854
ontime5	14511.79001826
ontime6	14511.790018052
ontime7	14511.790017694
ontime8	14513.25
l2events	197634



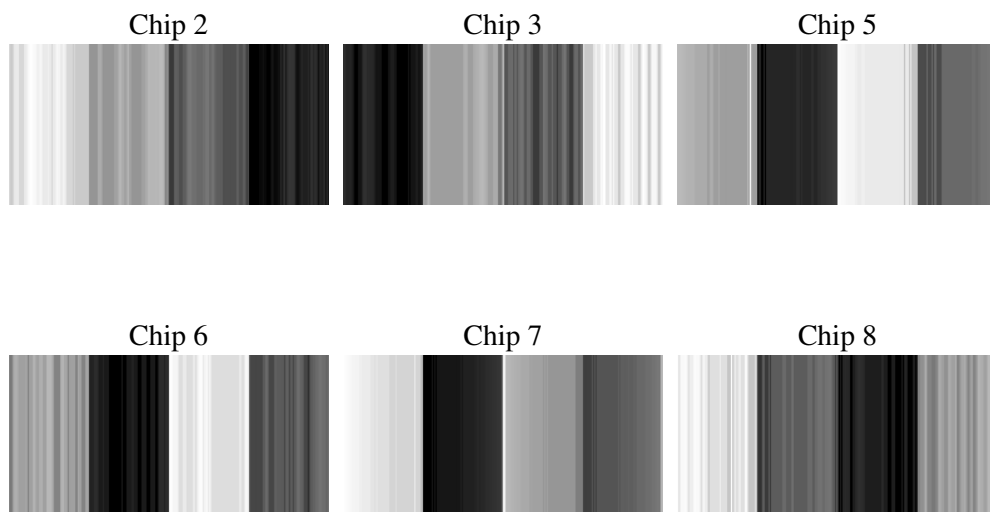
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-08T01:47:19
revision	3

sched_exp_time	14000.000000
ontime	15061.682339013
ontime2	15061.644237608
ontime3	15061.703712791
ontime5	15061.683415174
ontime6	15061.682852238
ontime7	15061.682339013
ontime8	15063.141757637
l1events	289527

2.1.4 Events

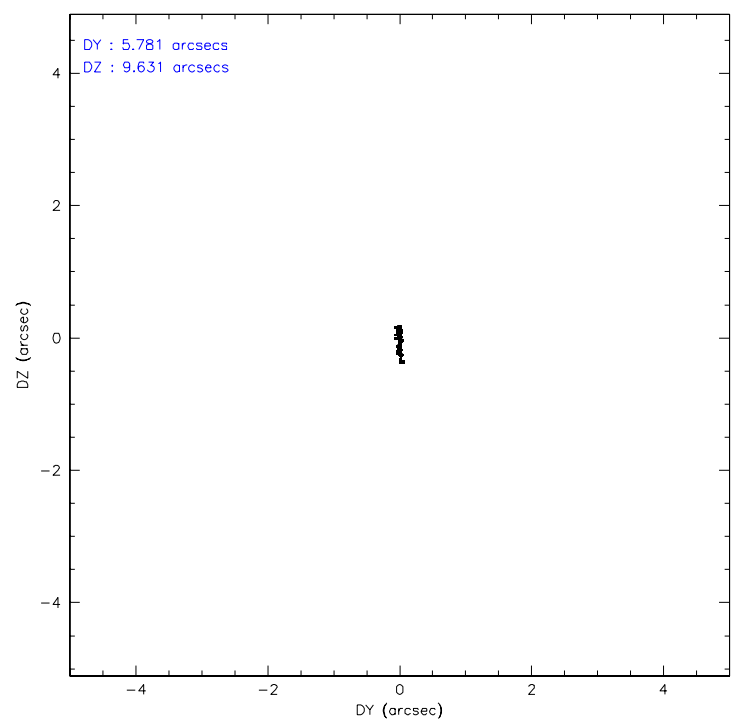
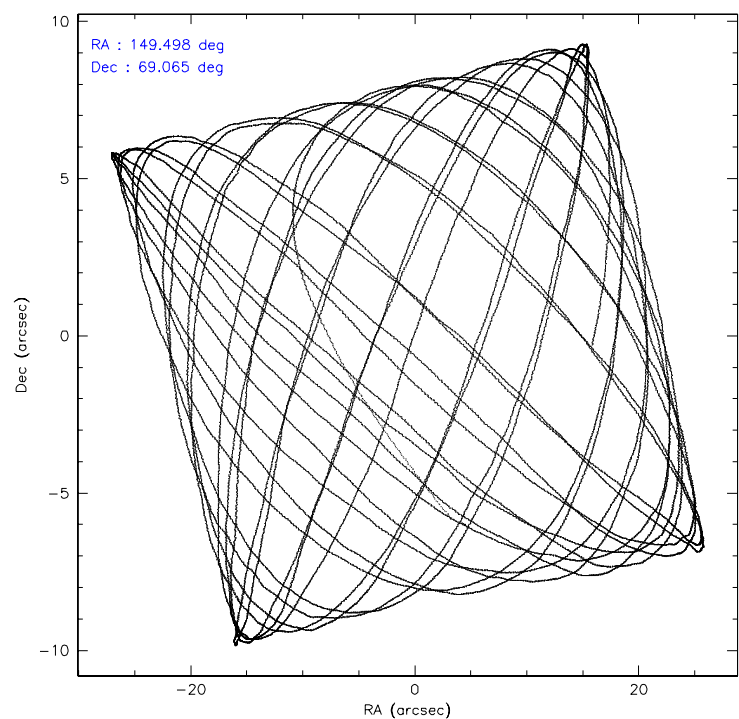
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	19062	20054	99178	20826	74606	55801
rejected events	4070	4287	10757	4513	10559	6807
rejected %	21%	21%	10%	21%	14%	12%

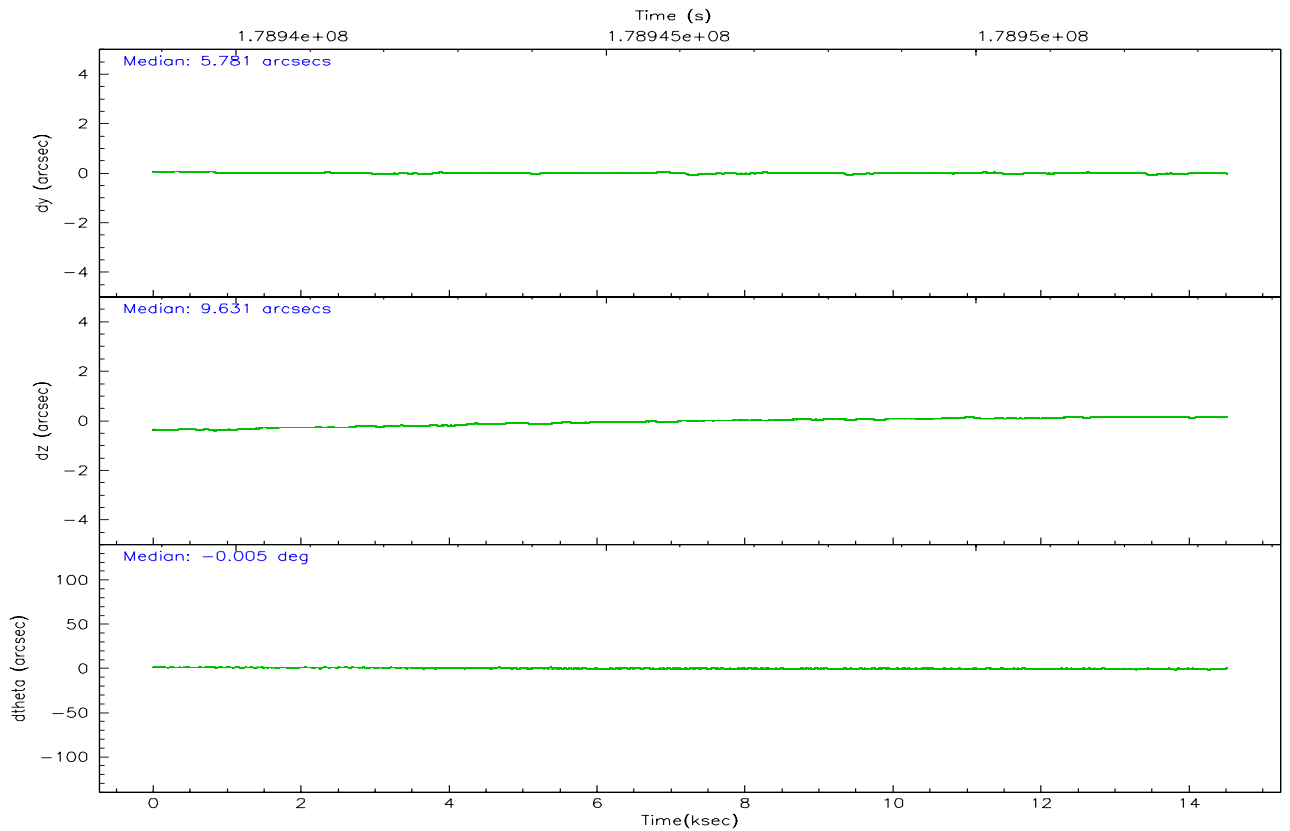
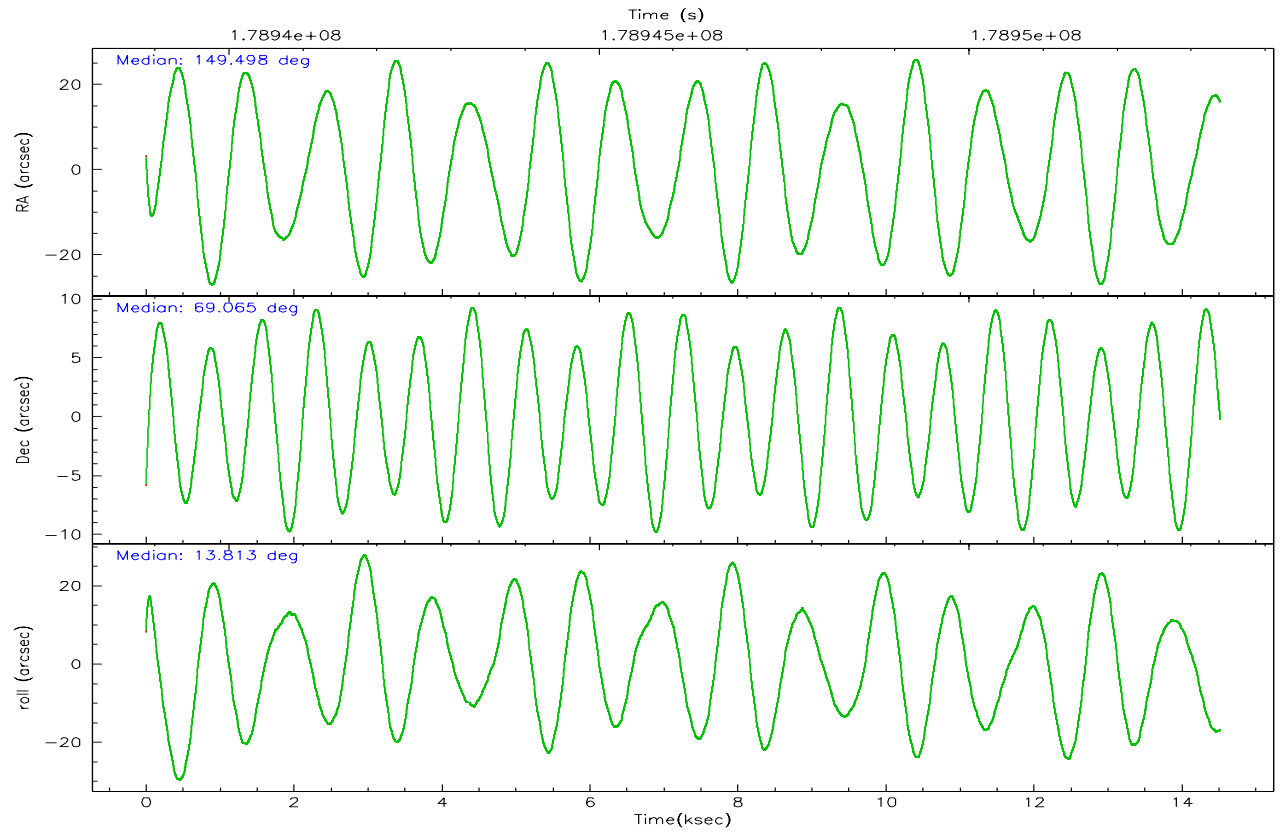
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2212	2224	22715	1985	5893	18297
	11%	11%	22%	9%	7%	32%
grade 1 events	76	59	89	67	94	163
	0%	0%	0%	0%	0%	0%
grade 2 events	5686	6139	23954	6836	17128	14071
	29%	30%	24%	32%	22%	25%
grade 3 events	2123	2440	1474	2129	3323	4452
	11%	12%	1%	10%	4%	7%
grade 4 events	2192	2117	1461	2014	3241	4288
	11%	10%	1%	9%	4%	7%
grade 5 events	3470	3633	7437	3831	8461	5352
	18%	18%	7%	18%	11%	9%
grade 6 events	3303	3442	42048	3964	36466	9178
	17%	17%	42%	19%	48%	16%
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	149.443613	149.4978656324683	Alternating exposures requested	N	N
Pointing Dec	69.045674	69.06483341220381	Primary exposure time	0.000000	0
Pointing Roll	13.716677	13.82264113696483			
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	178939398.184000	178938269.57555			
Observation start date	2003-09-03T01:22:14	2003-09-03T01:04:29			
Observation end time	178953398.184000	178954106.85123			
Observation end date	2003-09-03T05:15:34	2003-09-03T05:28:26			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



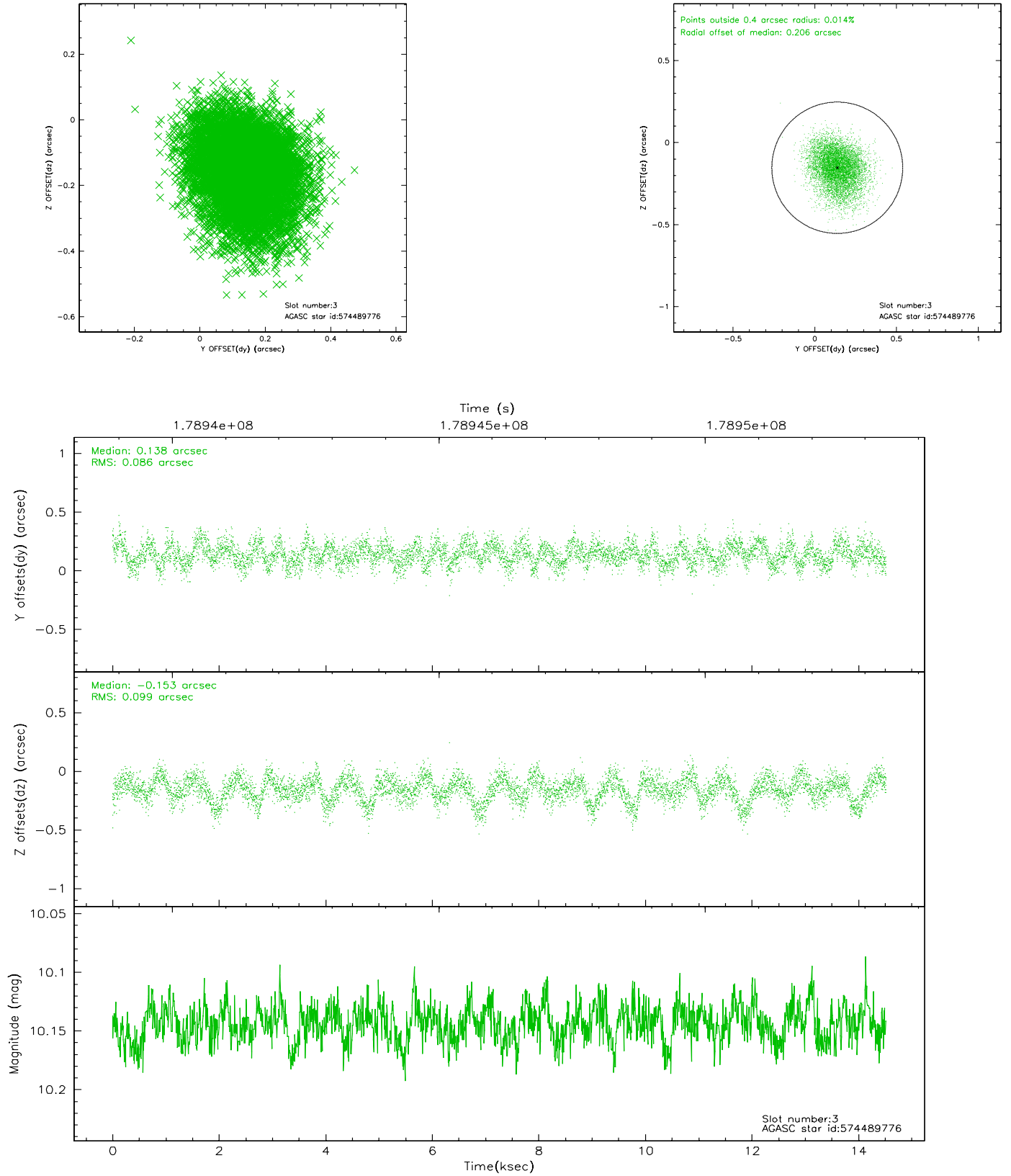


Slot Statistics

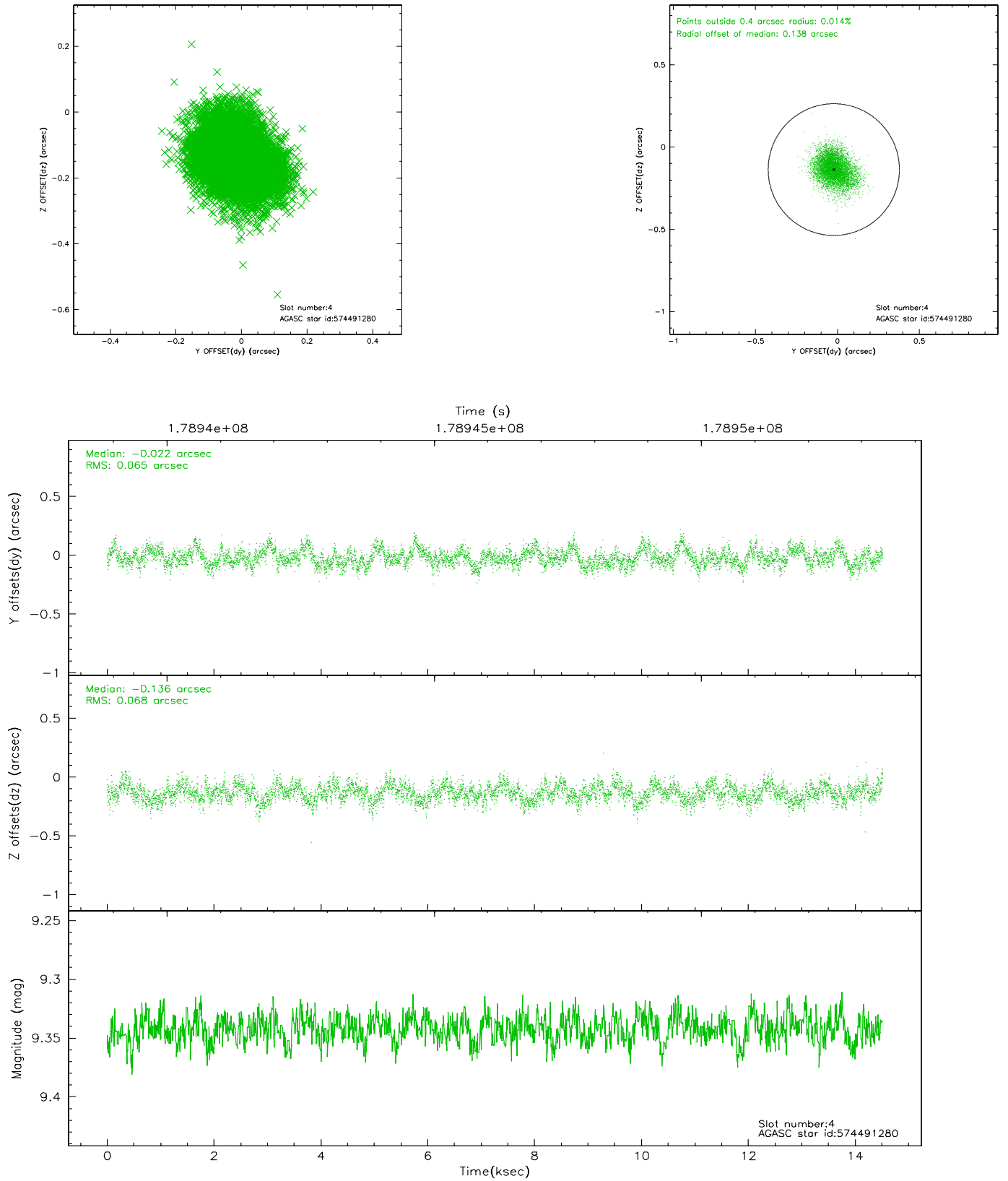
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	3541	-0.052	-0.014	0.007	0.012	0.000000	0.000000	-758.54	-1730.84
1	FID	ACIS-S-4	7.20	3541	0.051	0.029	0.005	0.009	0.000000	0.000000	2154.68	177.38
2	FID	ACIS-S-5	7.22	3539	-0.030	-0.007	0.007	0.012	0.000000	0.000000	-1810.96	171.35
3	GUIDE	574489776	10.14	7073	0.138	-0.153	0.141	0.227	148.323662	69.046710	-1396.27	358.06
4	GUIDE	574491280	9.34	7081	-0.022	-0.136	0.100	0.162	148.611567	69.450135	-675.27	1670.52
5	GUIDE	574494880	11.17	7007	0.053	0.155	0.210	0.348	149.009874	68.677374	-865.04	-1151.05
6	GUIDE	574496312	10.32	7025	0.029	0.004	0.126	0.209	149.547505	68.718299	-147.15	-1177.01
7	GUIDE	574496360	9.46	7077	-0.200	0.142	0.105	0.171	150.806604	68.529829	1309.47	-2210.21

2.4 Star Slots

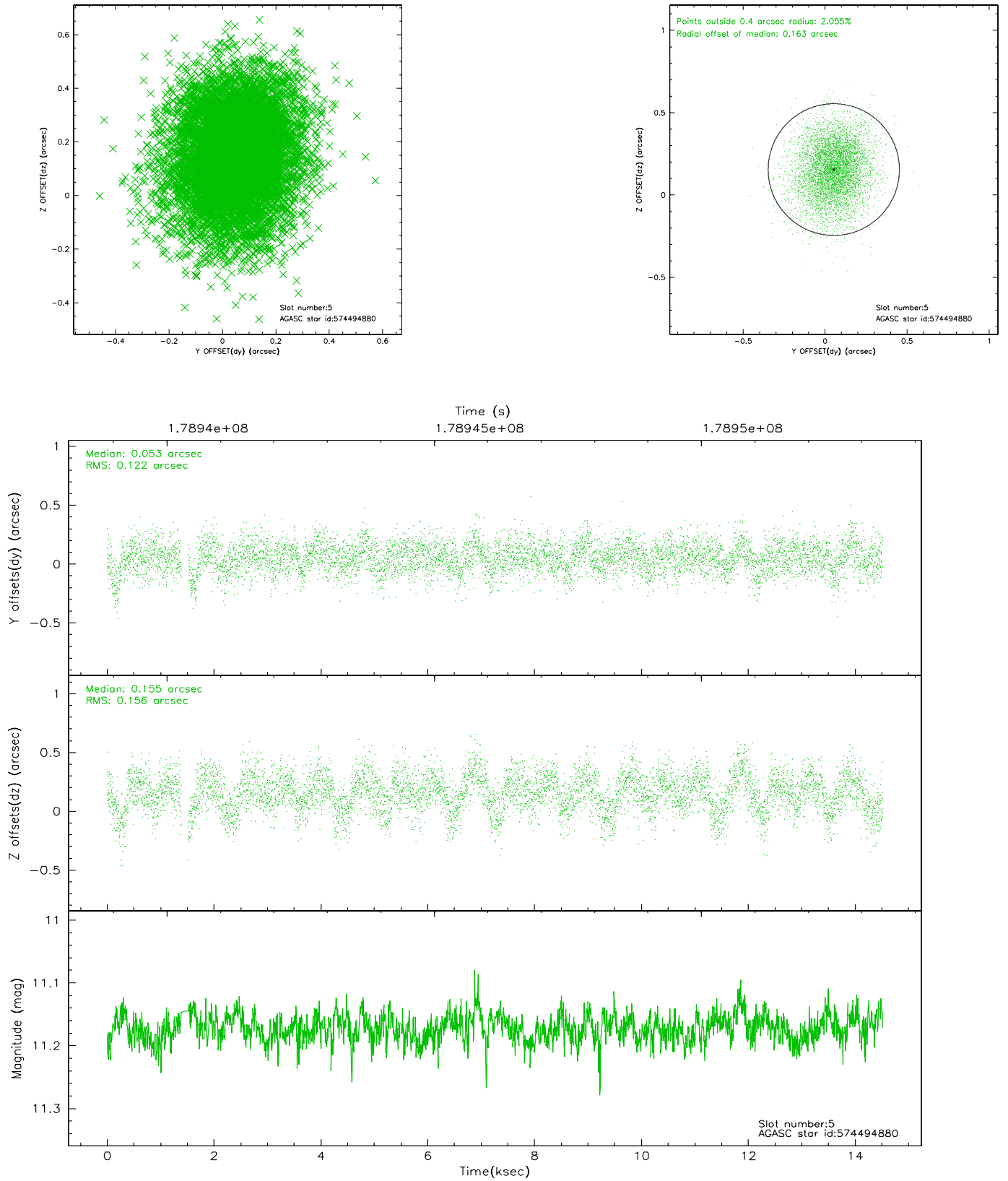
2.4.1 Slot 3



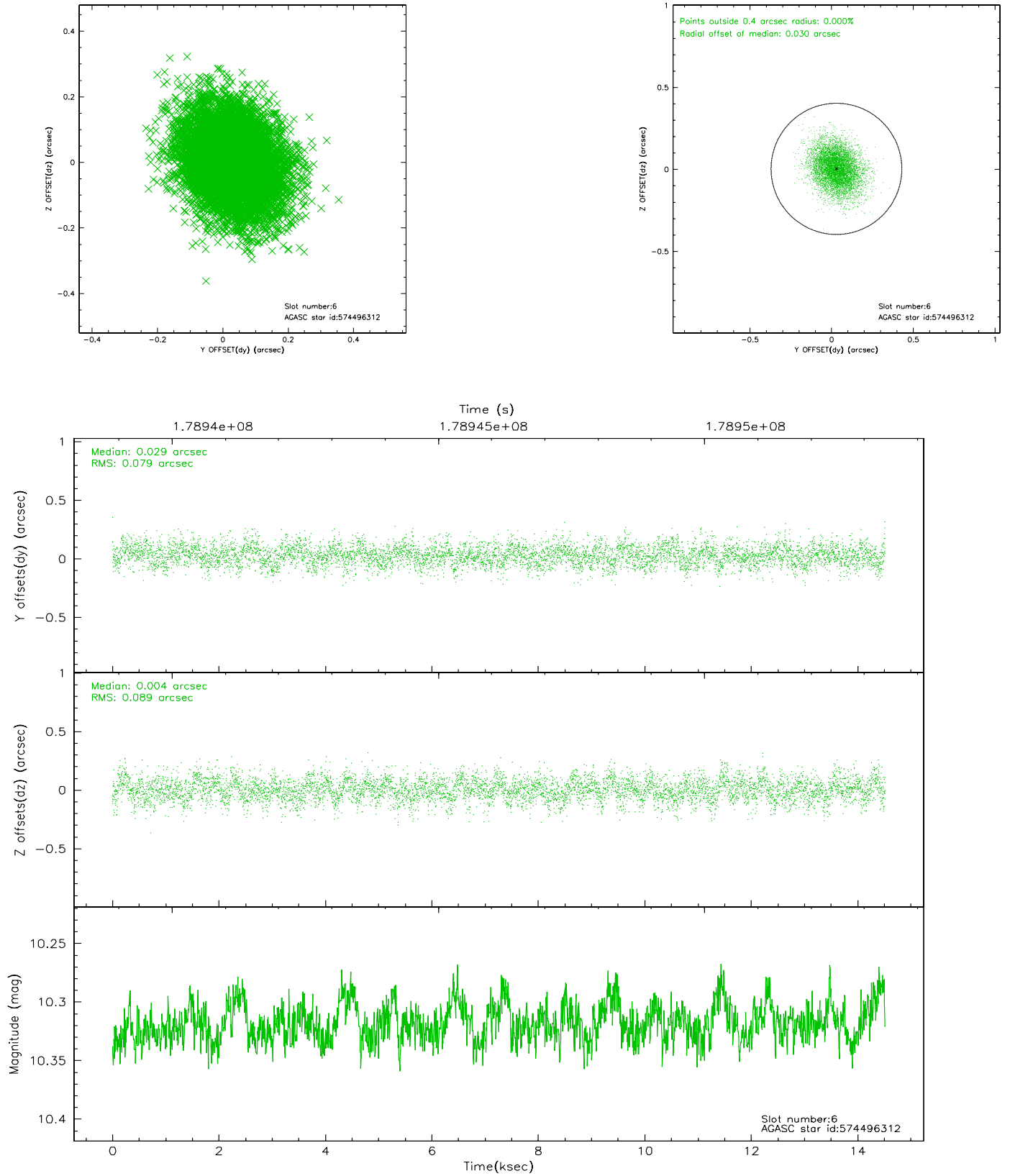
2.4.2 Slot 4



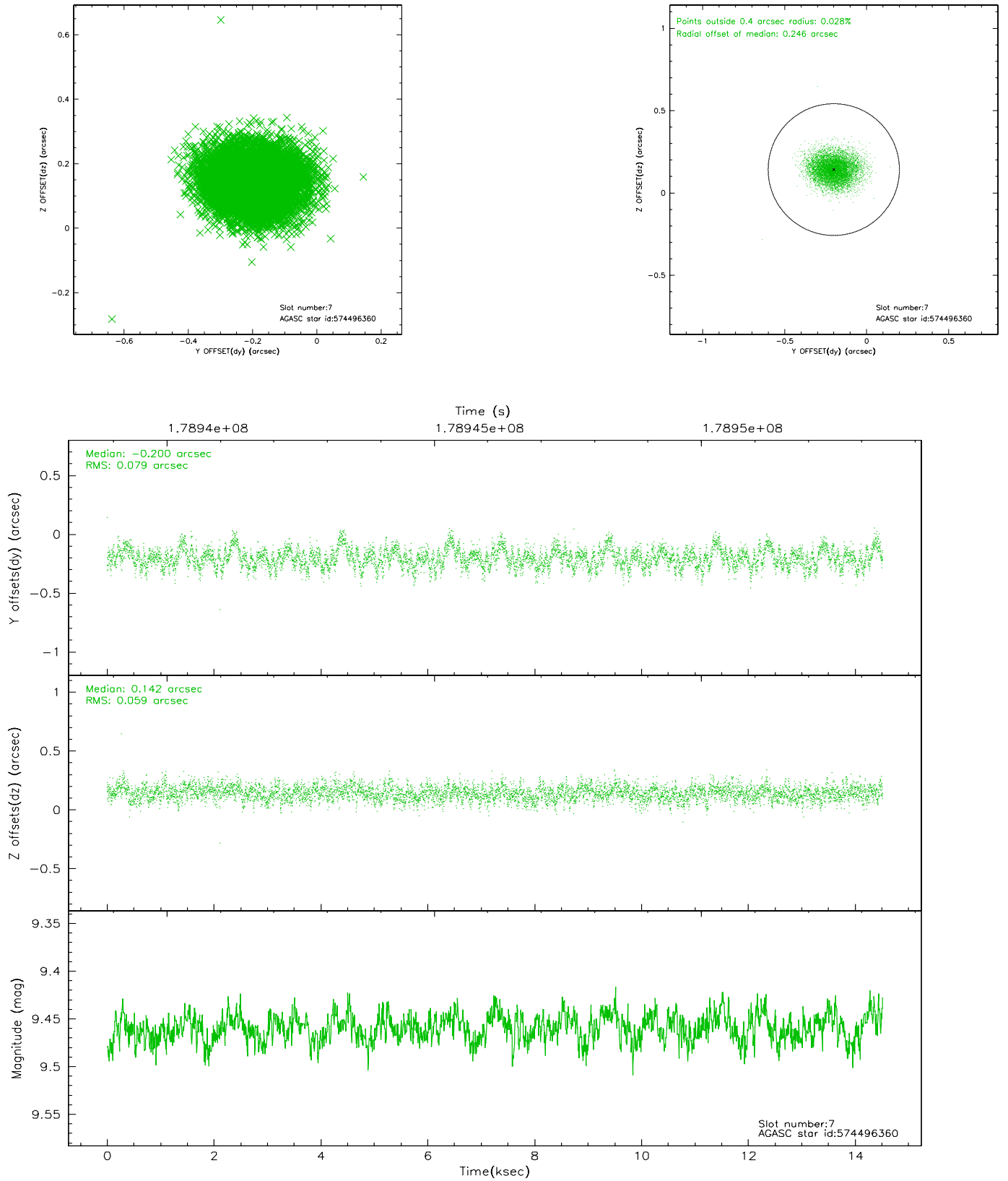
2.4.3 Slot 5



2.4.4 Slot 6

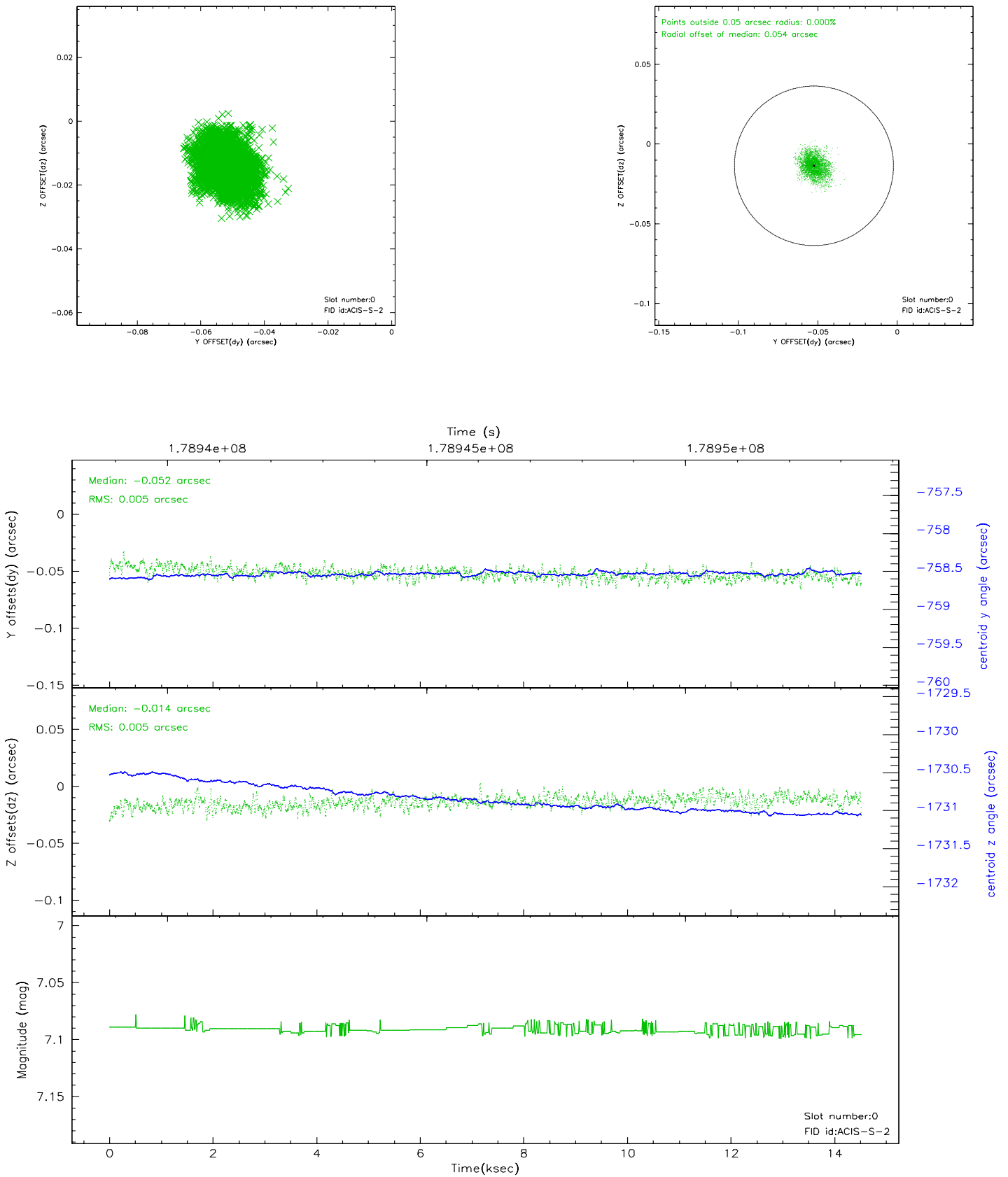


2.4.5 Slot 7

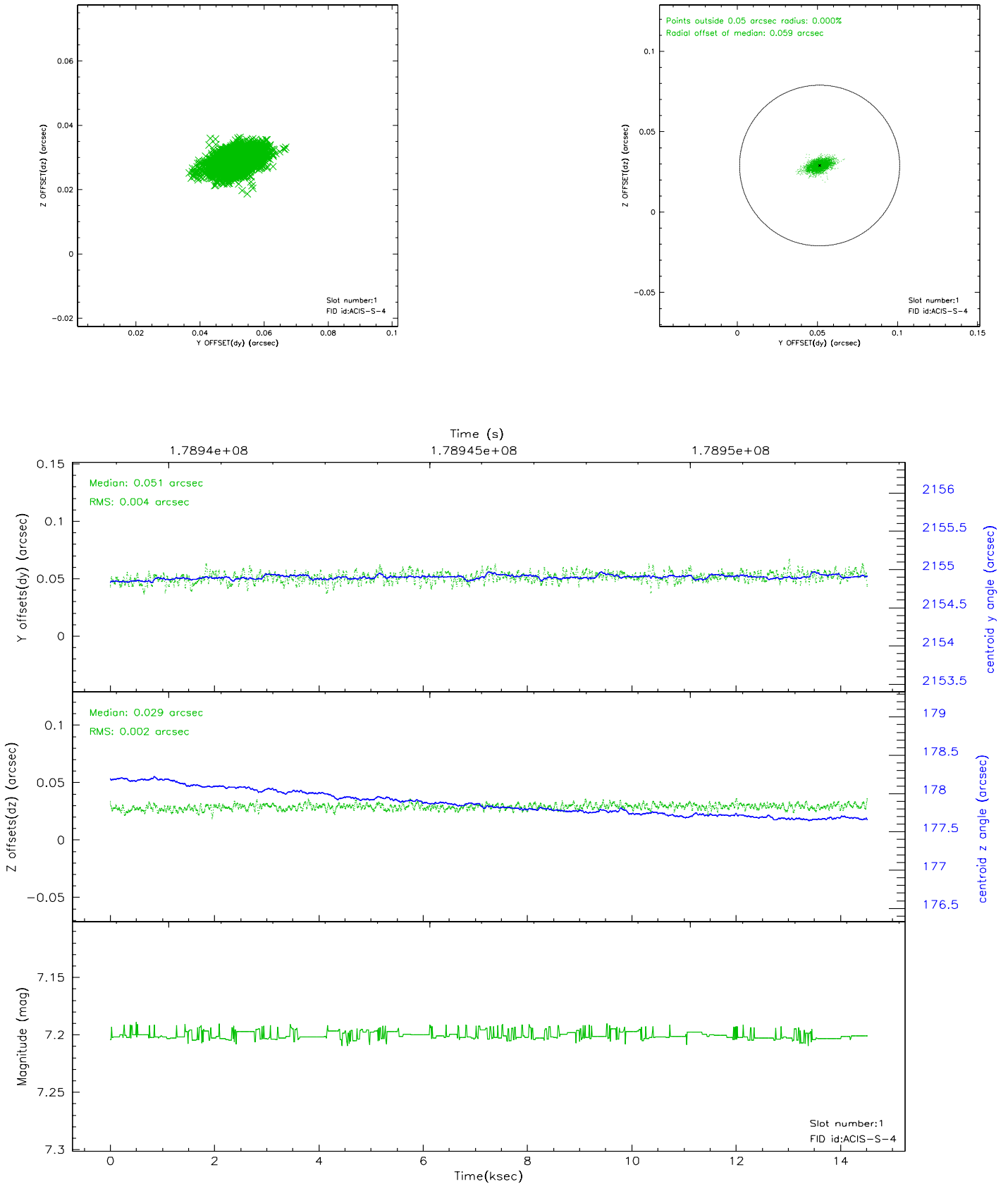


2.5 FID Slots

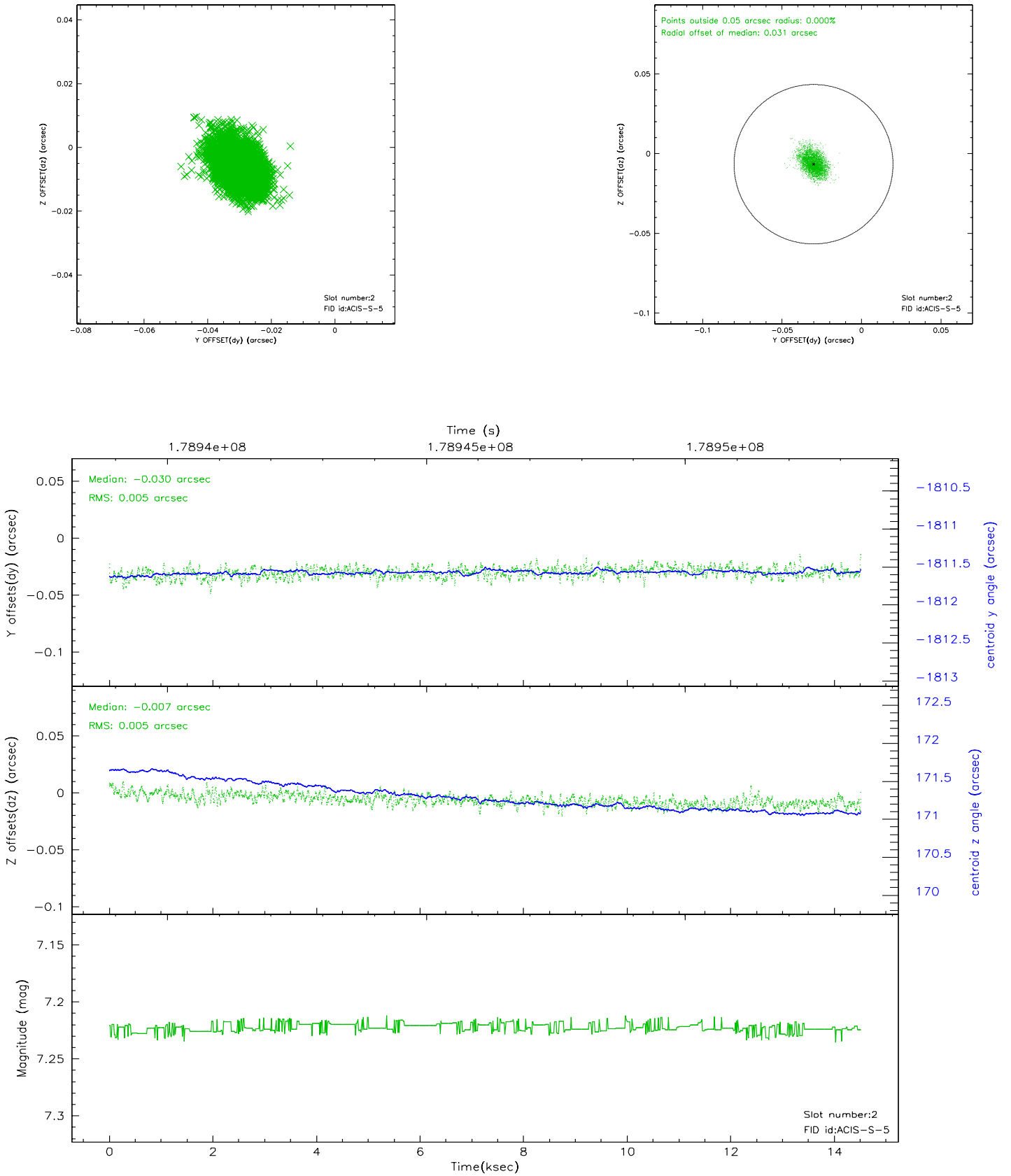
2.5.1 Slot 0



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)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.515

A.2 Comments