

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2514 - L2 Version 001
Chandra X-Ray Center

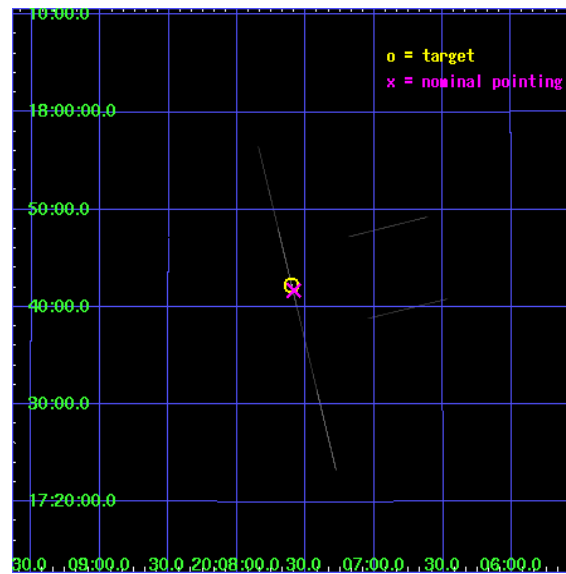
L2 Processing Date : Jan 3 2007

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1 Front

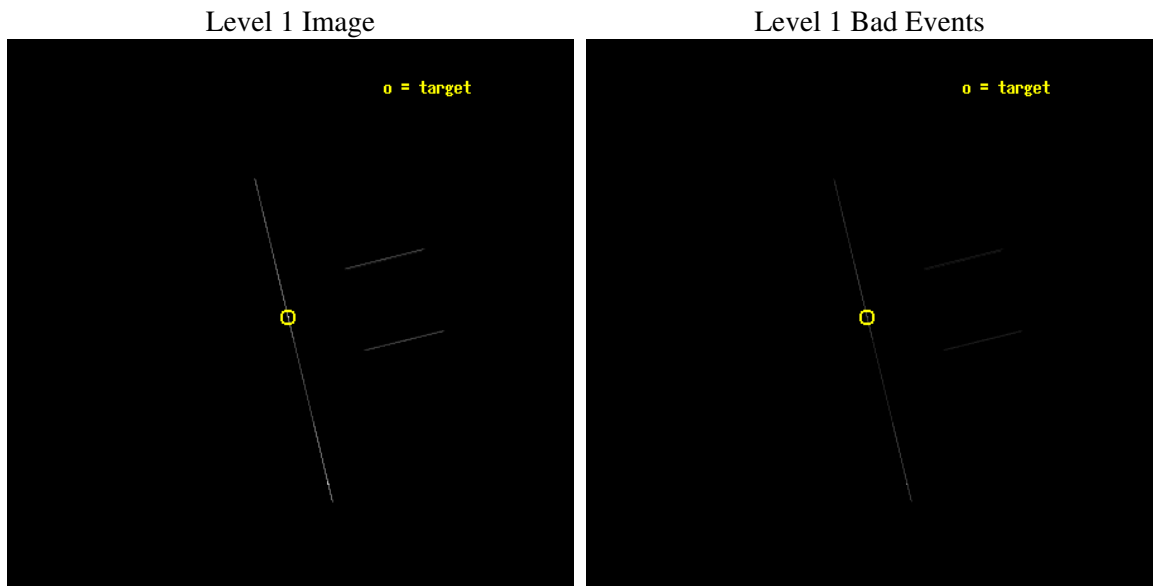
seq_num	300067
obs_id	2514
title	FIRST X-RAY OBSERVATIONS DURING AN EXTREMELY RARE OUTBURST OF WZ SGE
observer	Dr Erik Kuulkers
object	WZ SGE
ra_targ	301.900833
dec_targ	17.704167
ra_nom	301.8967152687
dec_nom	17.695216479039
roll_nom	256.26912517178
revision	3
ontime	10176.0
livetime	10136.25
ontime2	10176.0
ontime3	10176.0
ontime5	10176.0
ontime6	10176.0
ontime7	10176.0
ontime8	10176.0
l2events	156737



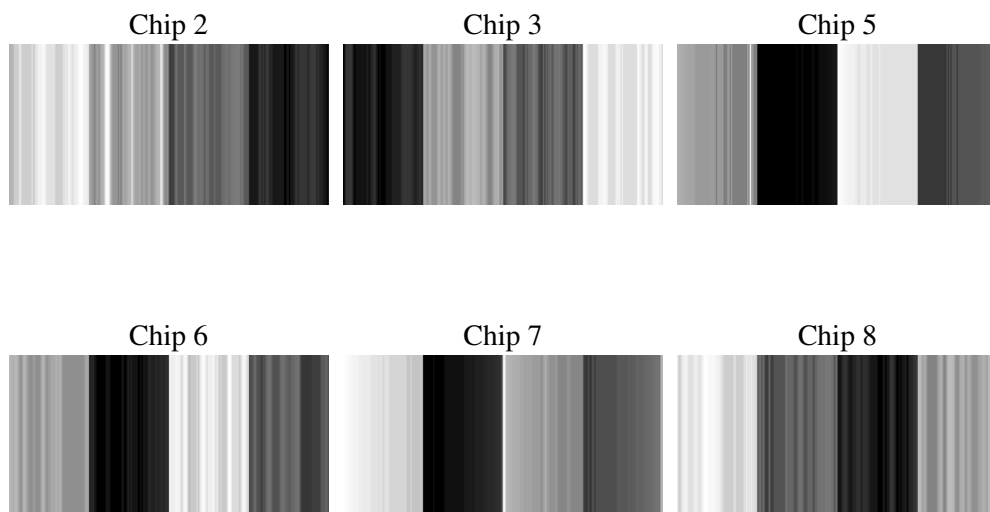
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2007-01-03T14:44:12
revision	3

sched_exp_time	10085.000000
ontime	11253.219179735
ontime2	11254.624142185
ontime3	11253.251893044
ontime5	11253.219613045
ontime6	11254.678553328
ontime7	11253.219179735
ontime8	11256.137883484
l1events	250845

2.1.4 Events

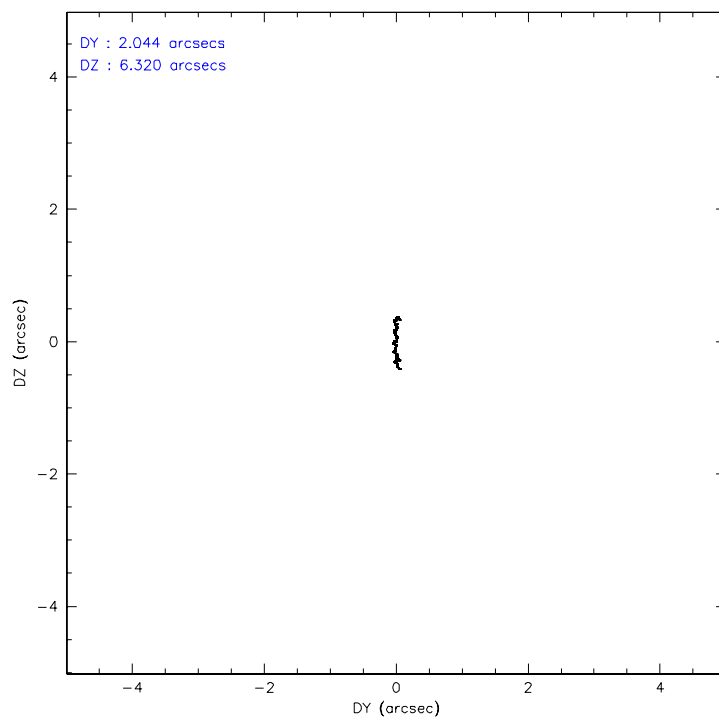
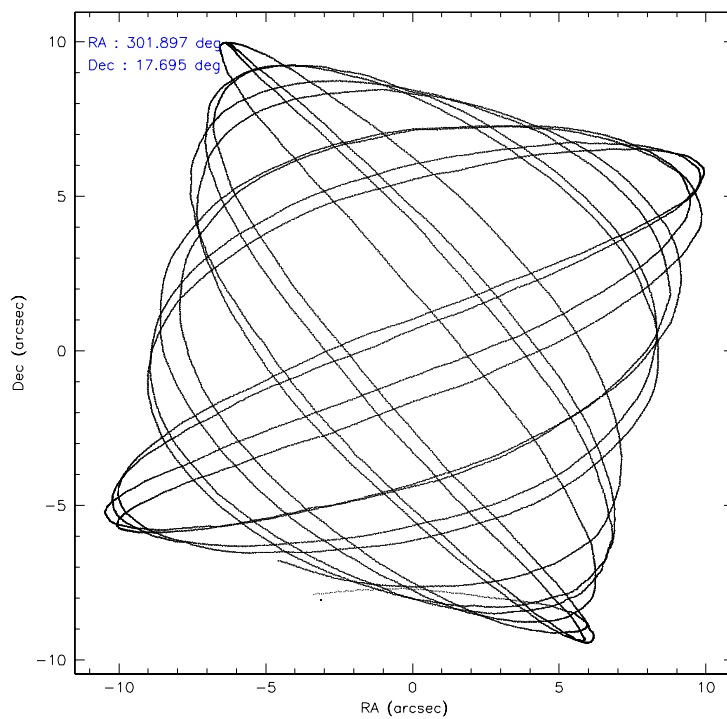
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	14454	15530	87179	15575	89123	28984
rejected events	3680	3900	12131	4144	11689	6227
rejected %	25%	25%	13%	26%	13%	21%

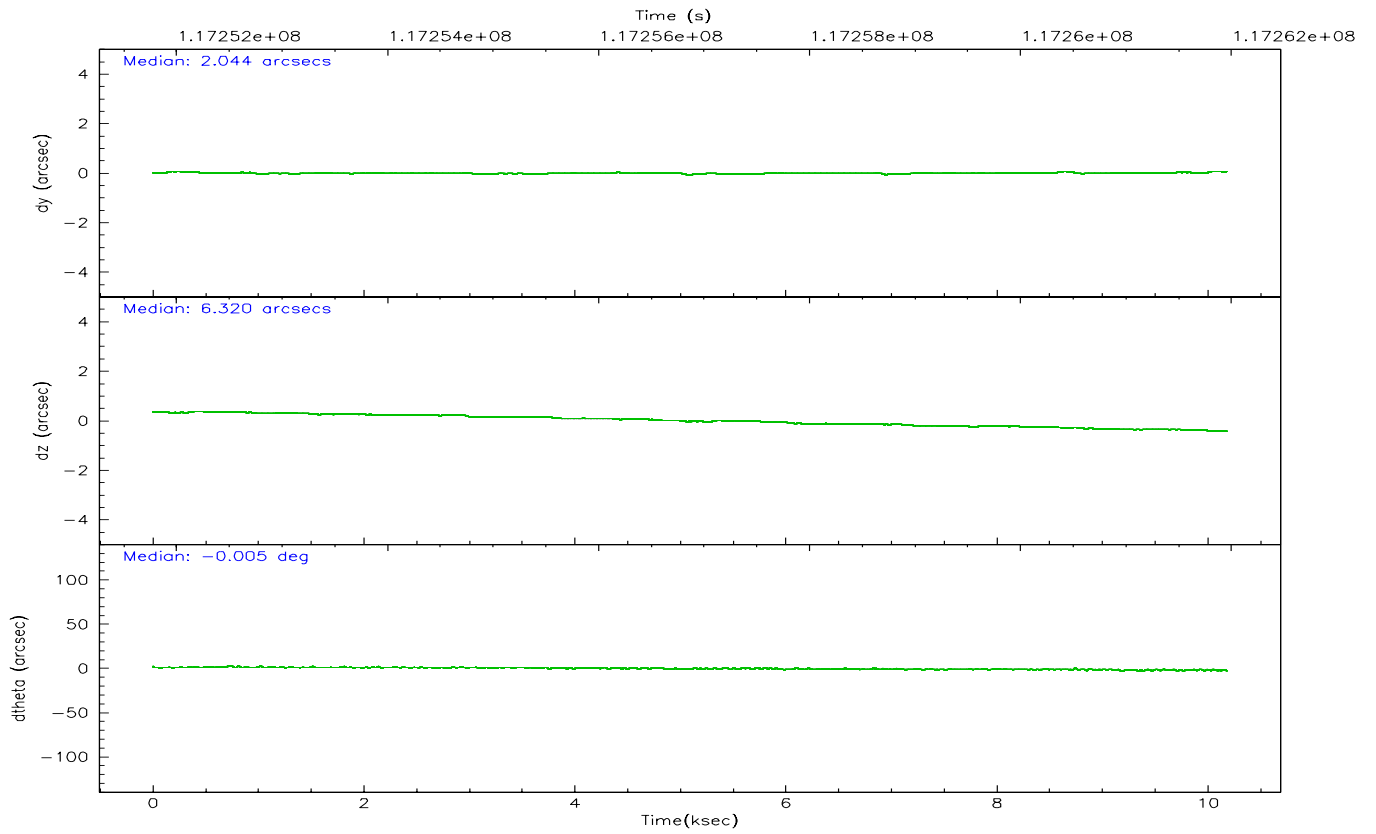
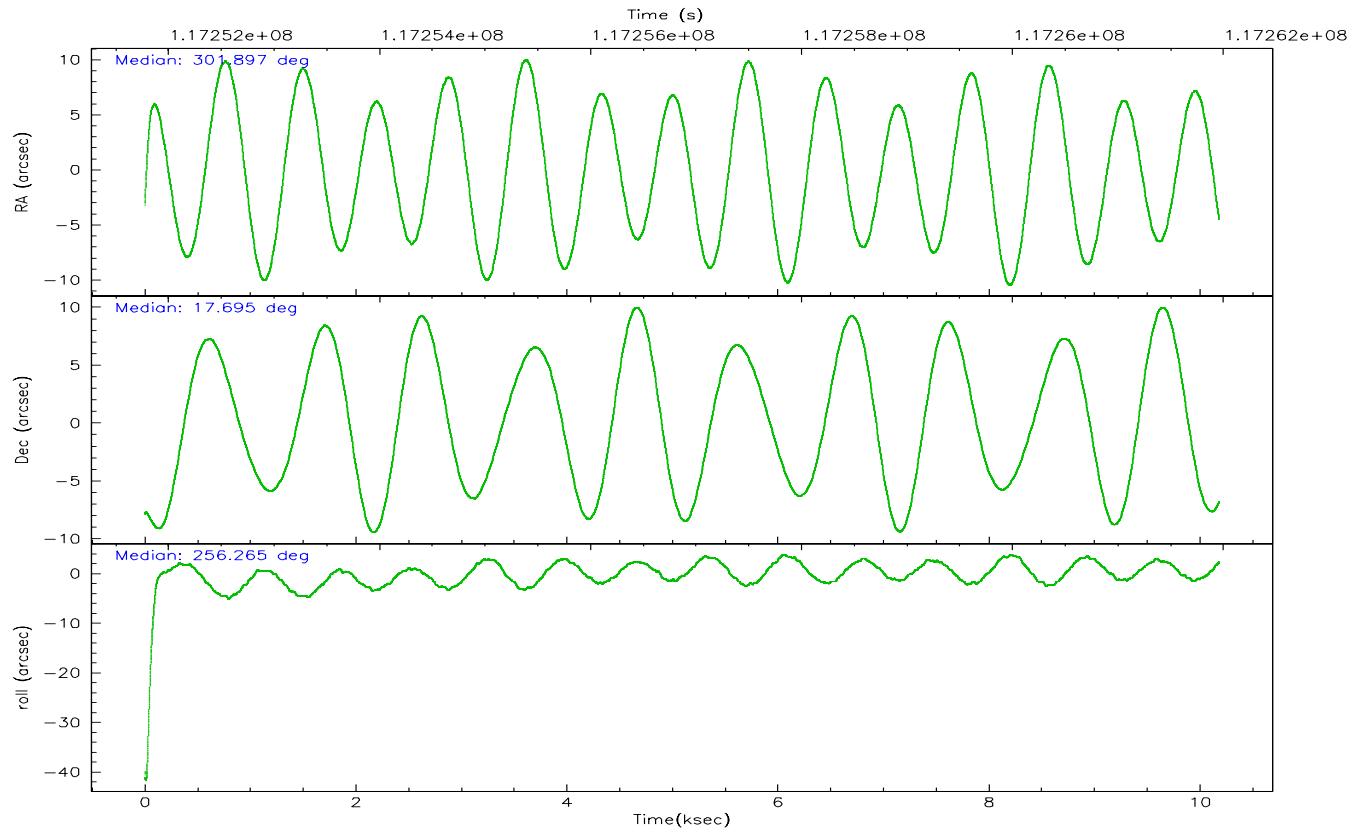
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1575	1698	29328	1573	15178	4660
	10%	10%	33%	10%	17%	16%
grade 1 events	64	41	89	51	128	83
	0%	0%	0%	0%	0%	0%
grade 2 events	4339	4589	20757	4475	21853	7641
	30%	29%	23%	28%	24%	26%
grade 3 events	1702	2184	1123	1838	6593	3168
	11%	14%	1%	11%	7%	10%
grade 4 events	1735	1768	1097	1837	6216	3095
	12%	11%	1%	11%	6%	10%
grade 5 events	2484	2624	5471	2886	7209	3880
	17%	16%	6%	18%	8%	13%
grade 6 events	2555	2626	29314	2915	31946	6457
	17%	16%	33%	18%	35%	22%
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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	301.888350	301.8967152687022	Subarray requested	NONE	NONE
Pointing Dec	17.721361	17.6952164790392	Alternating exposures requested	N	N
Pointing Roll	256.115092	256.269125171776	Primary exposure time	0.000000	0
Window start time	117082864.184000	117082864.184000			
Window stop time	117676864.184000	117676864.184000			
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	117251873.184000	117250705.35385			
Observation start date	2001-09-19T01:56:49	2001-09-19T01:38:25			
Observation end time	117261958.184000	117262740.39182			
Observation end date	2001-09-19T04:44:54	2001-09-19T04:59:00			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



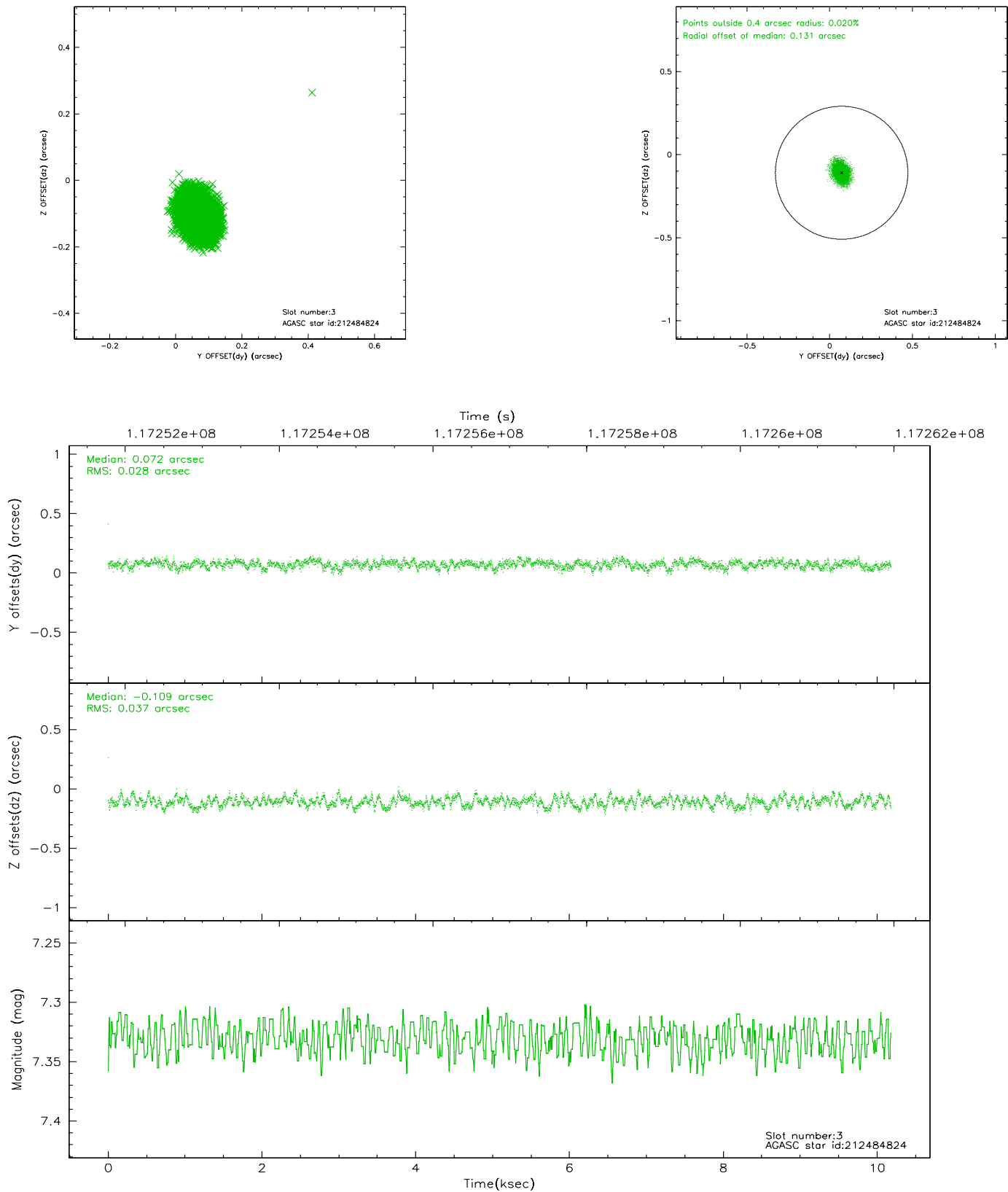


Slot Statistics

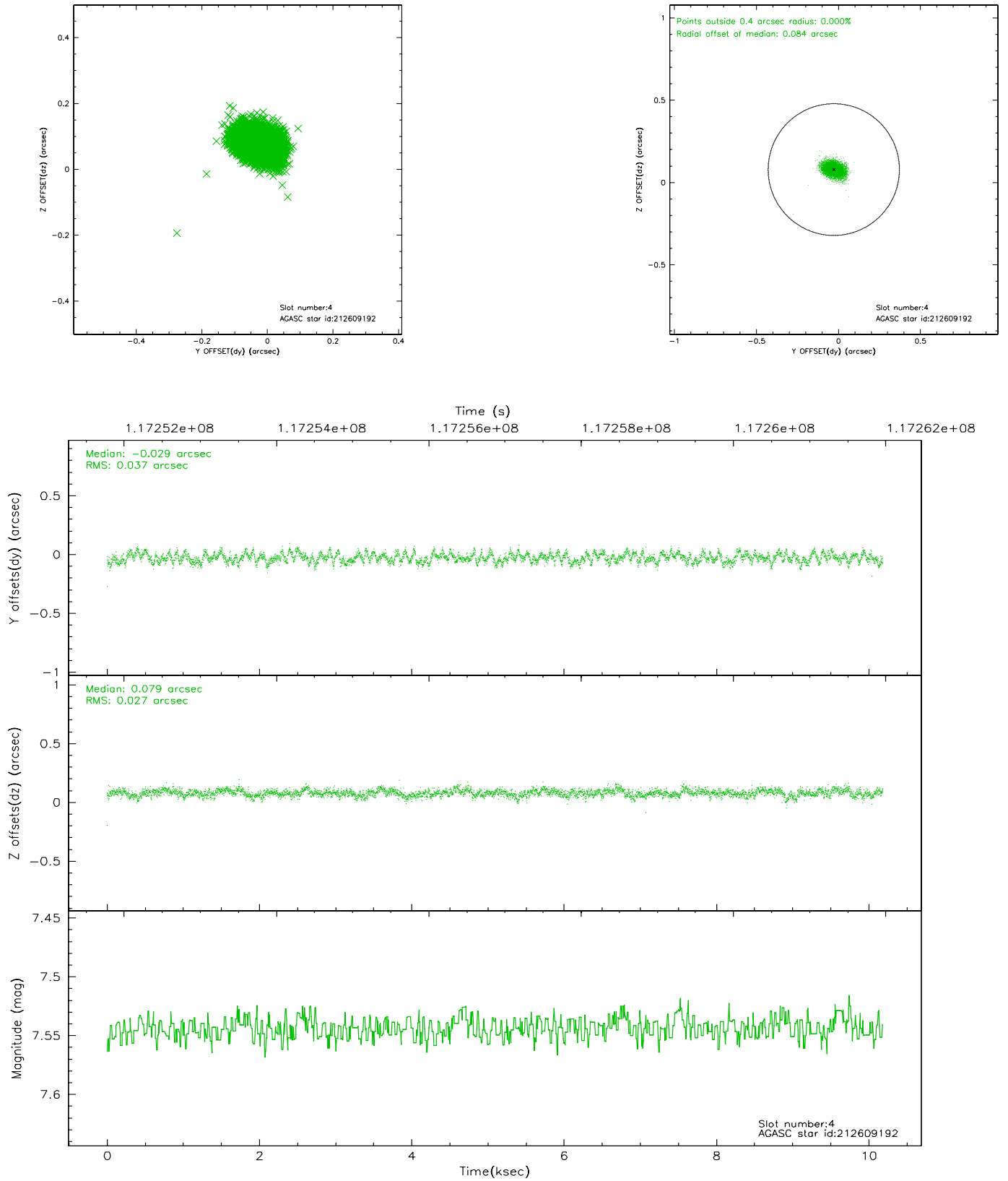
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	2484	-0.018	-0.021	0.010	0.018	0.000000	0.000000	941.34	-1723.13
1	FID	ACIS-S-5	7.24	2484	0.043	0.000	0.008	0.011	0.000000	0.000000	-1807.28	173.94
2	FID	ACIS-S-6	7.35	2484	-0.047	0.032	0.009	0.015	0.000000	0.000000	406.33	818.50
3	GUIDE	212484824	7.33	4968	0.072	-0.109	0.050	0.079	301.436883	17.597881	801.77	-1398.36
4	GUIDE	212609192	7.54	4968	-0.029	0.079	0.049	0.079	302.504524	18.225864	-2272.14	1607.84
5	GUIDE	212468336	7.58	4968	-0.053	-0.046	0.045	0.080	301.479163	18.244435	-1494.12	-1810.86
6	GUIDE	212599608	7.84	4968	0.020	0.038	0.037	0.060	302.041368	17.043012	2243.77	1096.61
7	GUIDE	212475304	7.97	4967	-0.009	0.045	0.046	0.076	301.318620	17.280146	2009.71	-1520.98

2.4 Star Slots

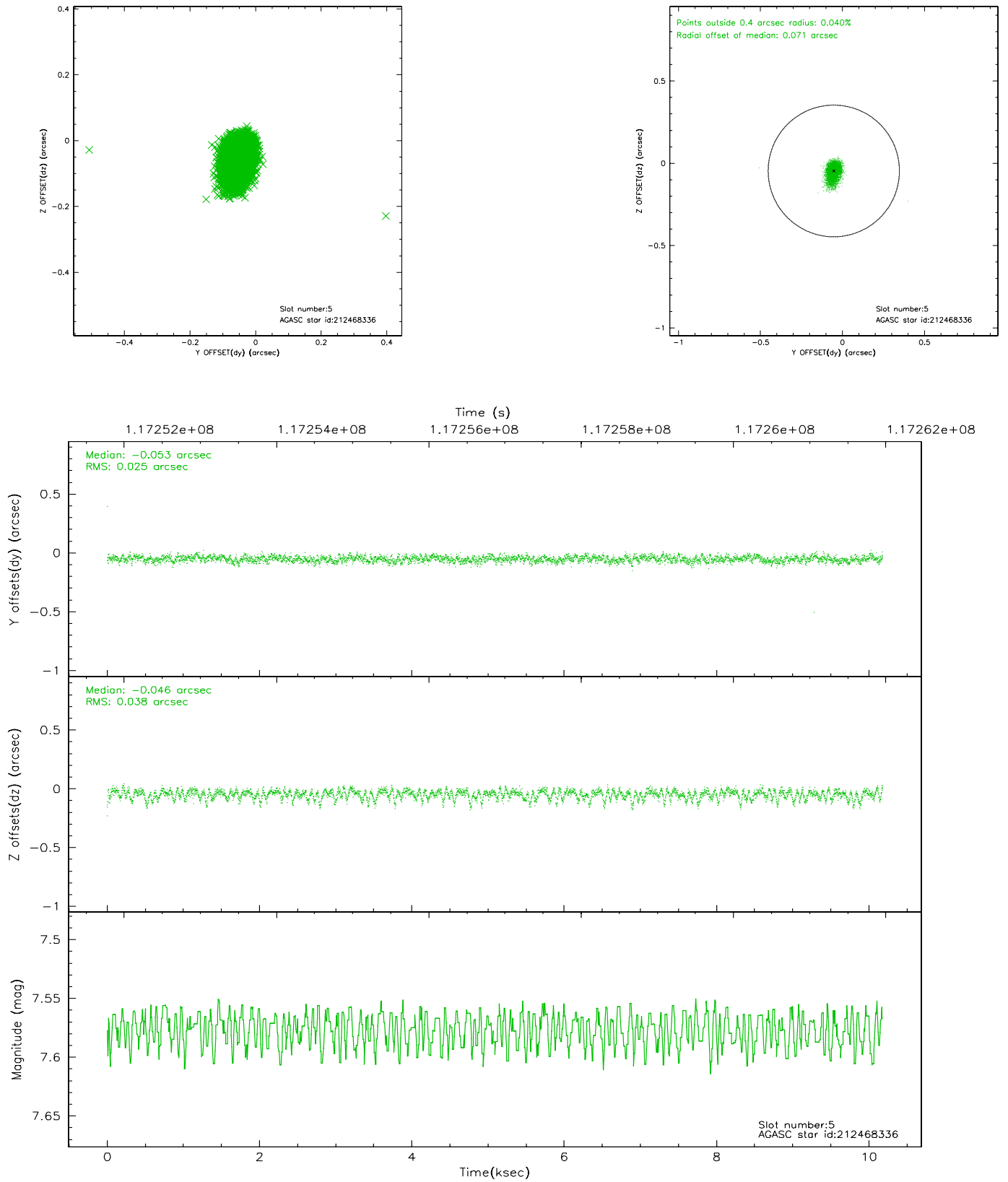
2.4.1 Slot 3



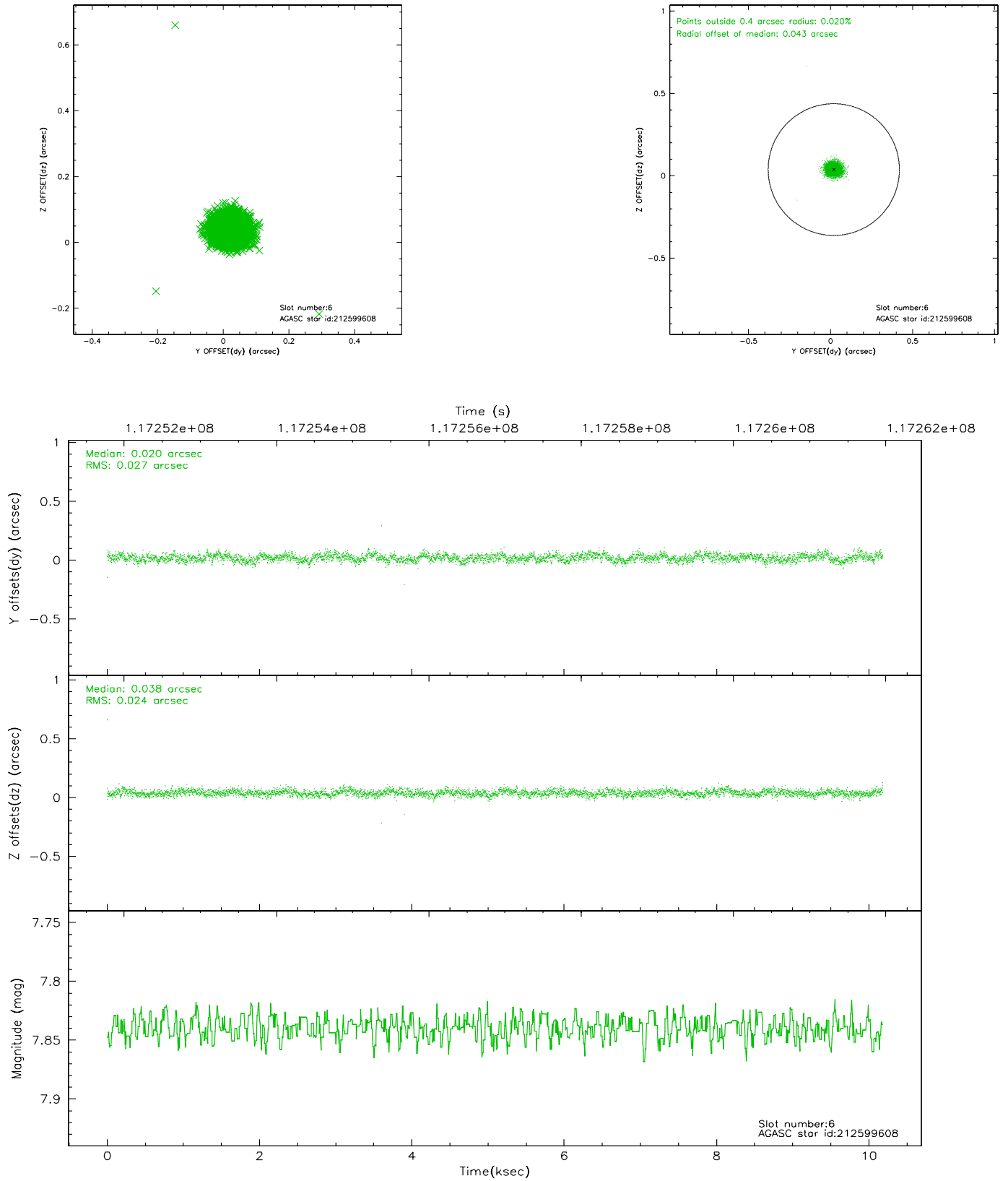
2.4.2 Slot 4



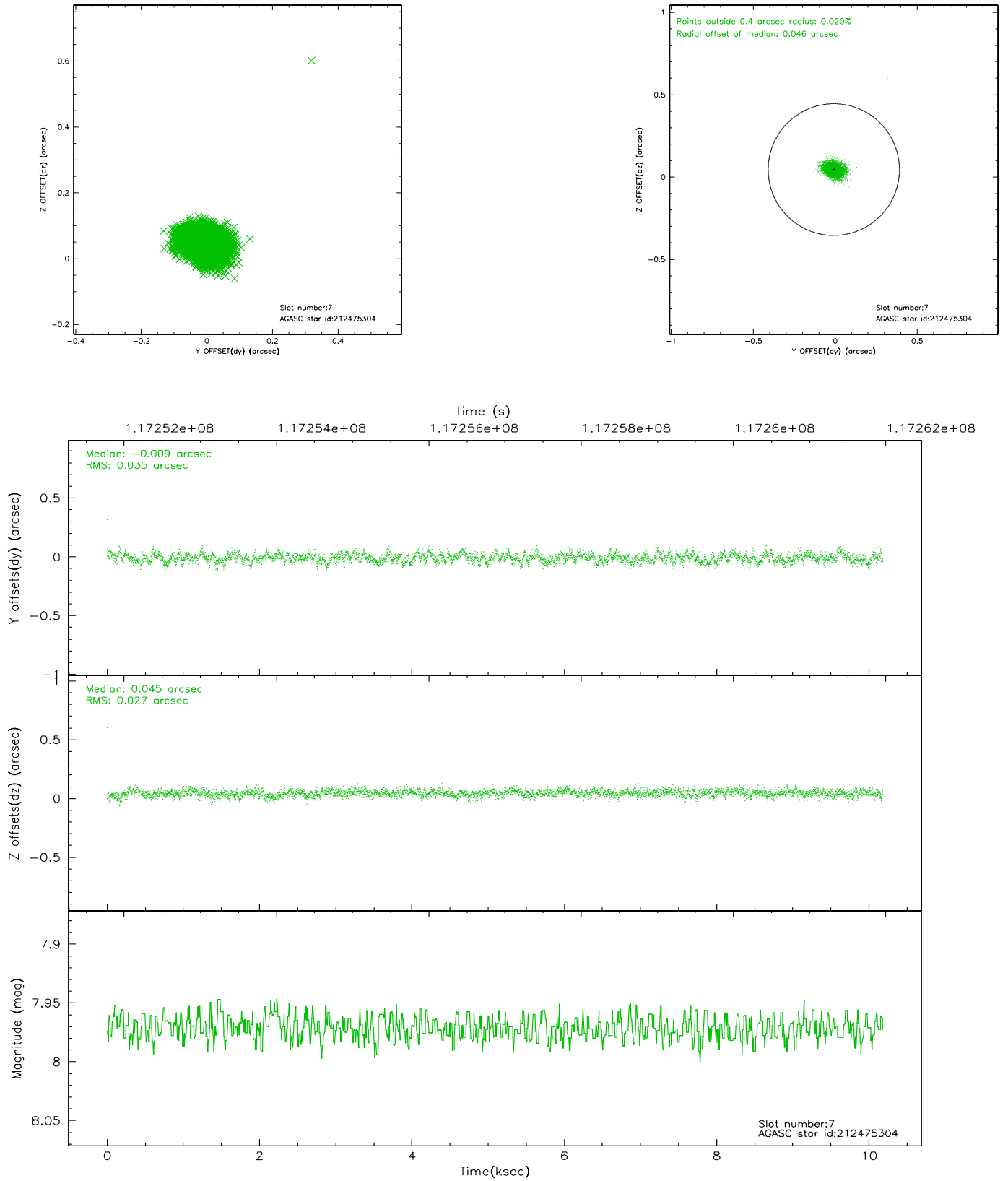
2.4.3 Slot 5



2.4.4 Slot 6

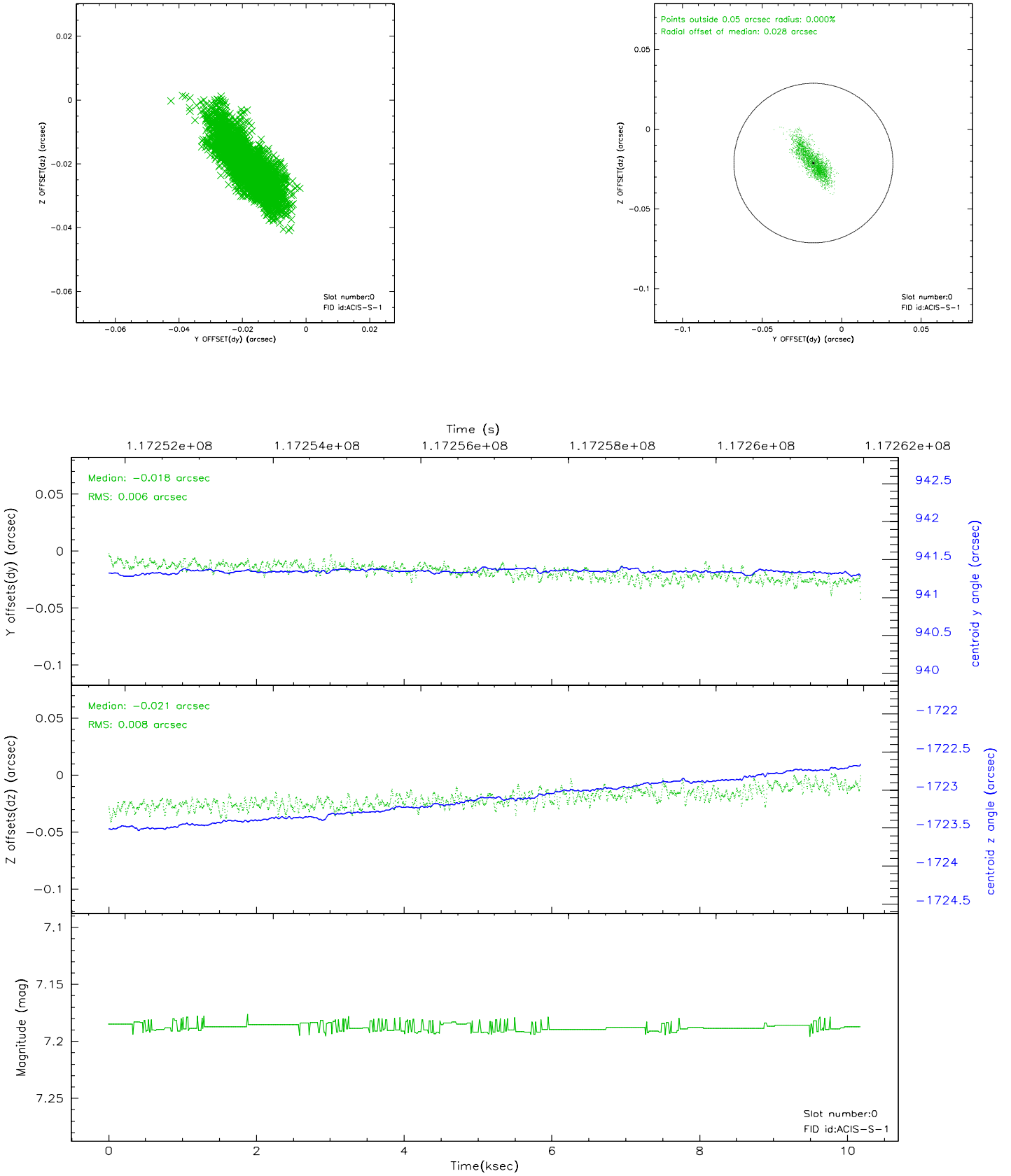


2.4.5 Slot 7

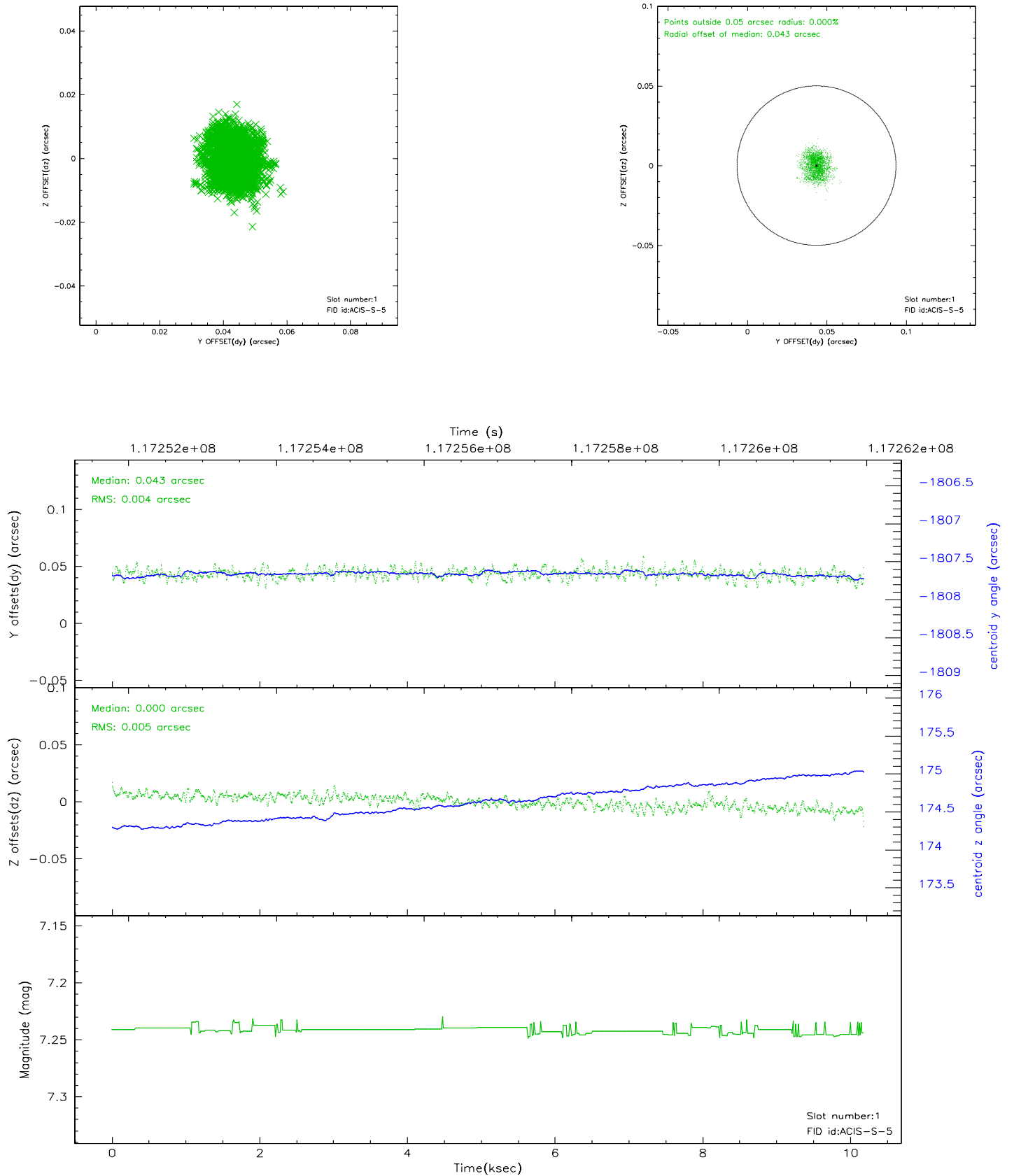


2.5 FID Slots

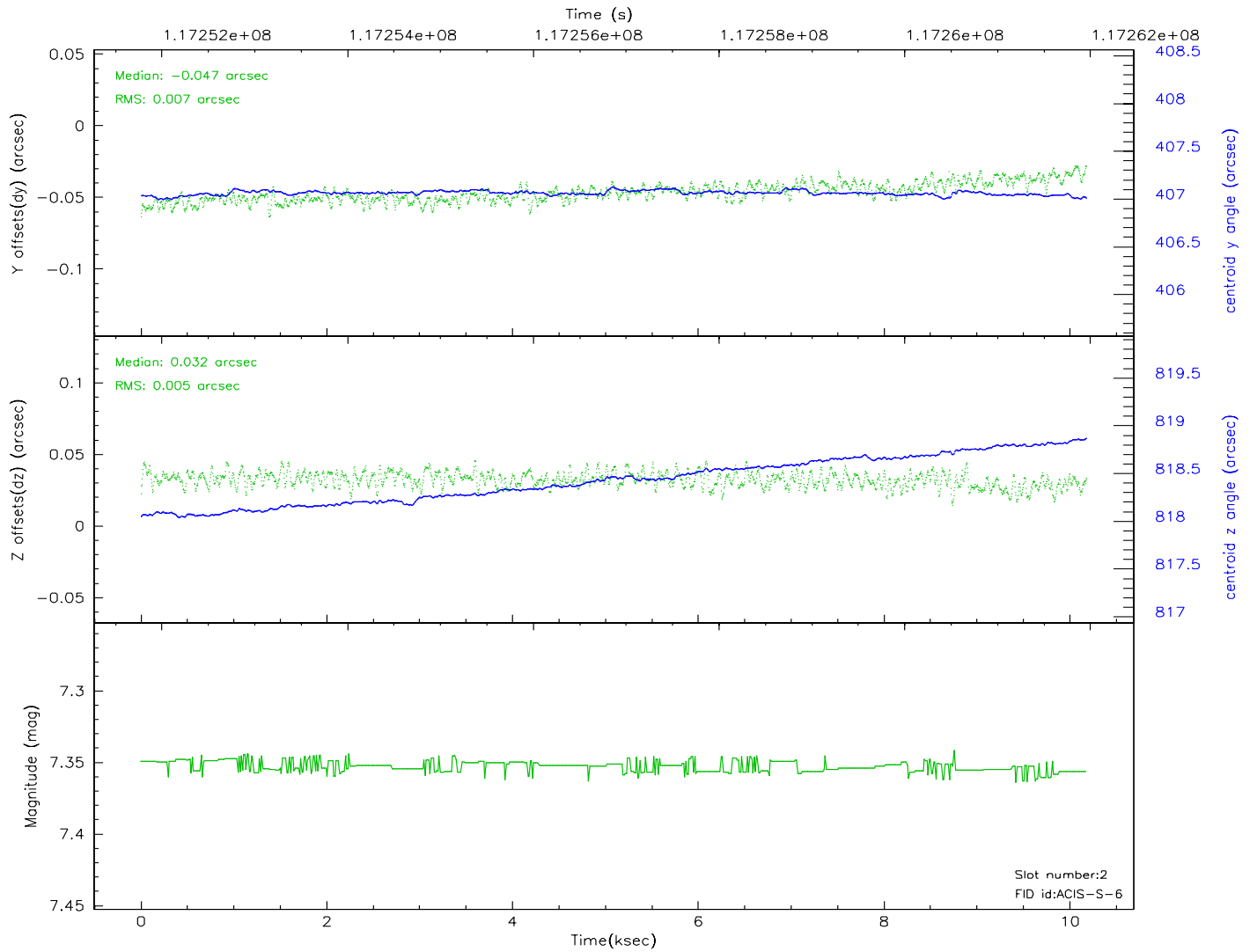
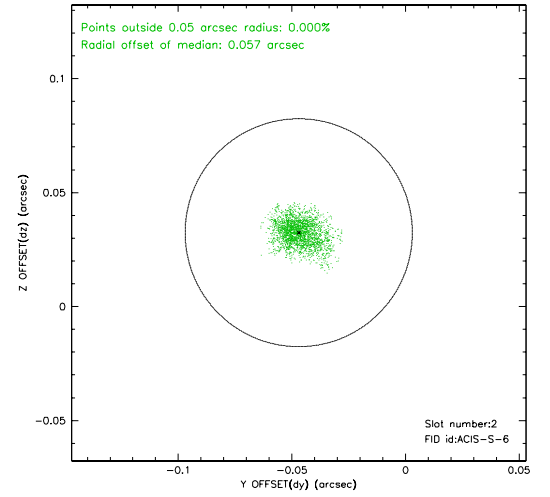
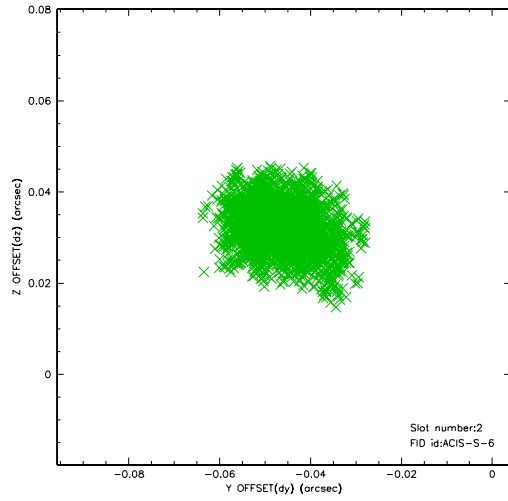
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.179

A.2 Comments