

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4892 - L2 Version 3
Chandra X-Ray Center

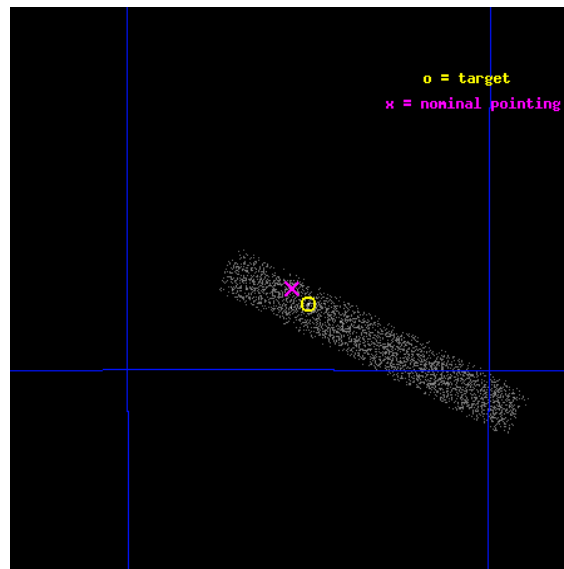
L2 Processing Date : Nov 12 2012

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1 Front

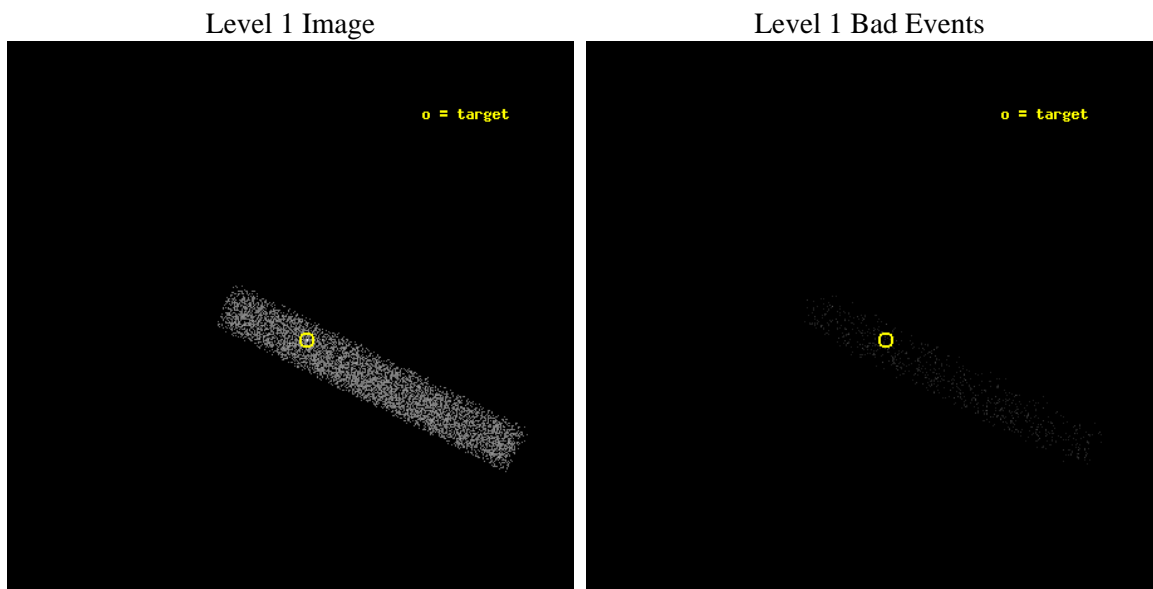
seq_num	700974	Sequence number
obs_id	4892	Observation id
title	Continuing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	1251-713	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	193.749583	Observer's specified target RA [deg]
dec_targ	-71.638444	Observer's specified target Dec [deg]
ra_nom	193.77300624526	Nominal RA [deg]
dec_nom	-71.631934473249	Nominal Dec [deg]
roll_nom	26.403851359781	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6587.6000981331	Sum of GTIs [s]
livetime	5974.6055669627	Livetime [s]
ontime7	6587.6000981331	Sum of GTIs [s]
l2events	3619	Number of level 2 events



2 OBI

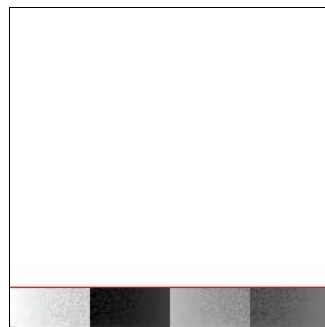
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6406.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6587.6000981331	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	6587.6000981331	Sum of GTIs [s]
date	2012-11-12T17:07:49	Date and time of file creation	l1events	8749	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

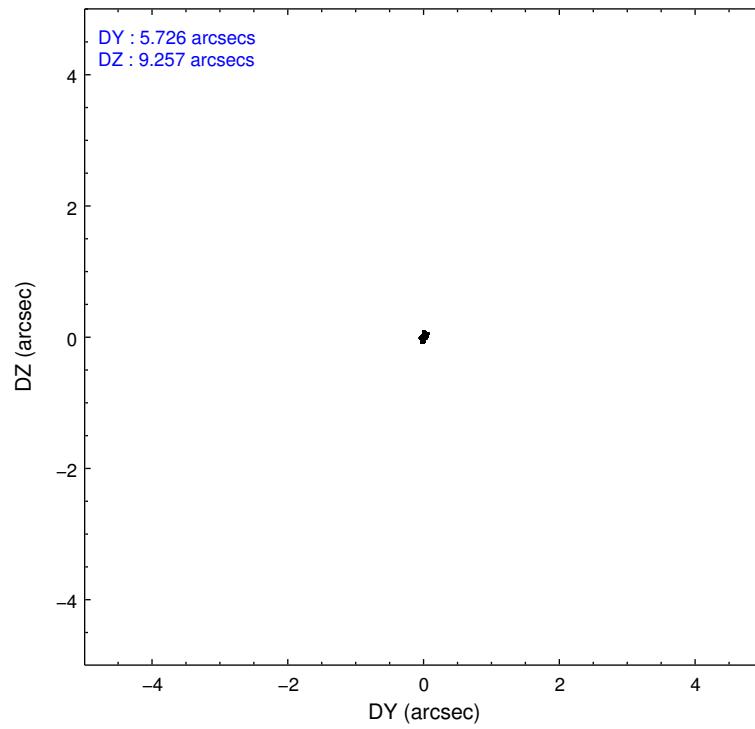
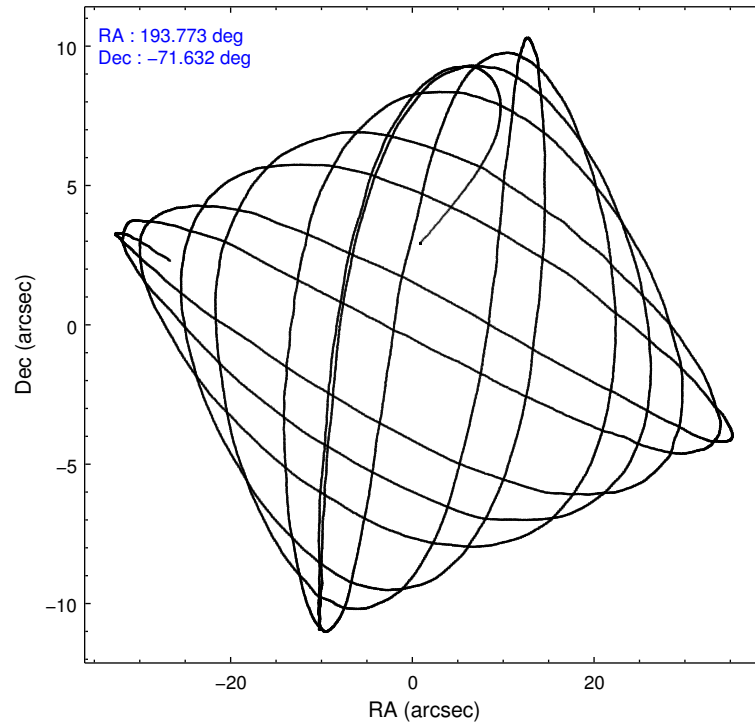
	ccd 7
level 1 events	8749
rejected events	5023
rejected %	57%

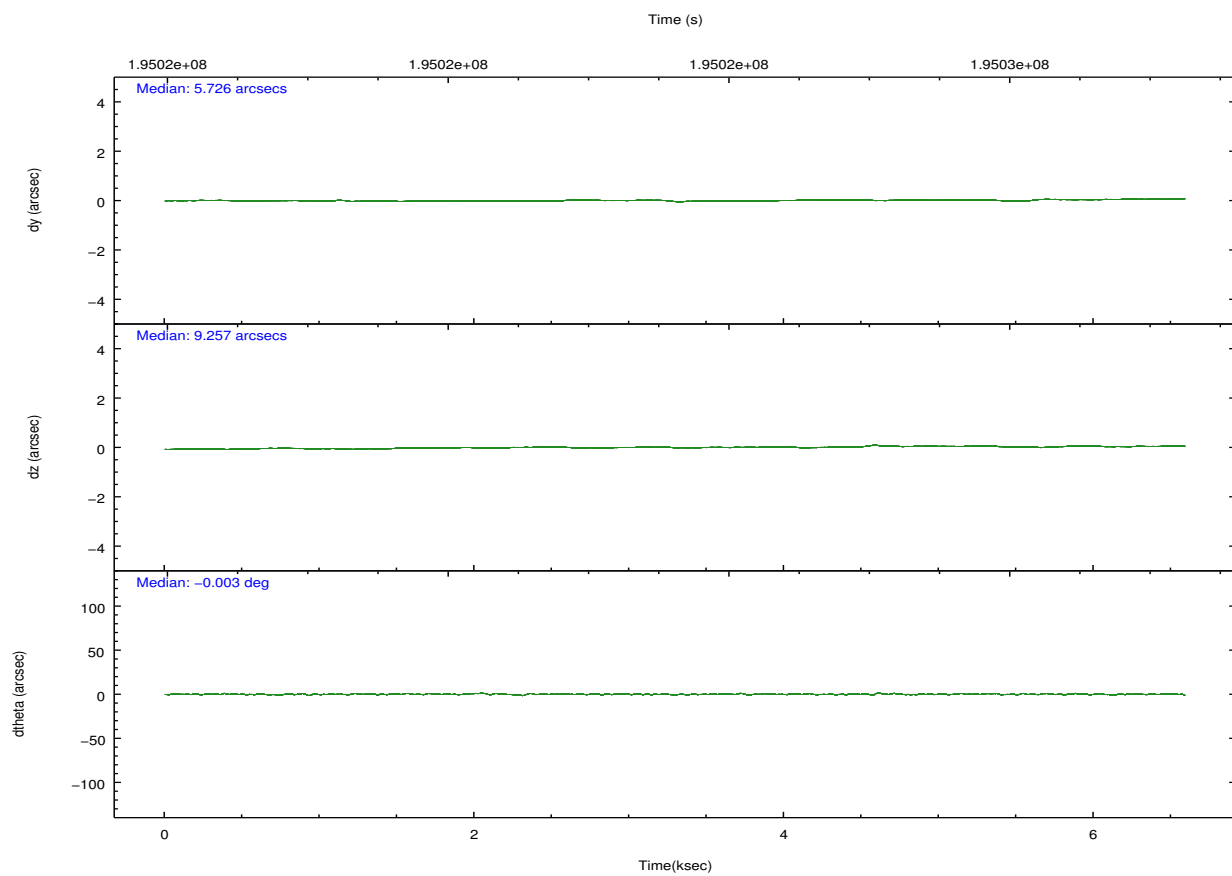
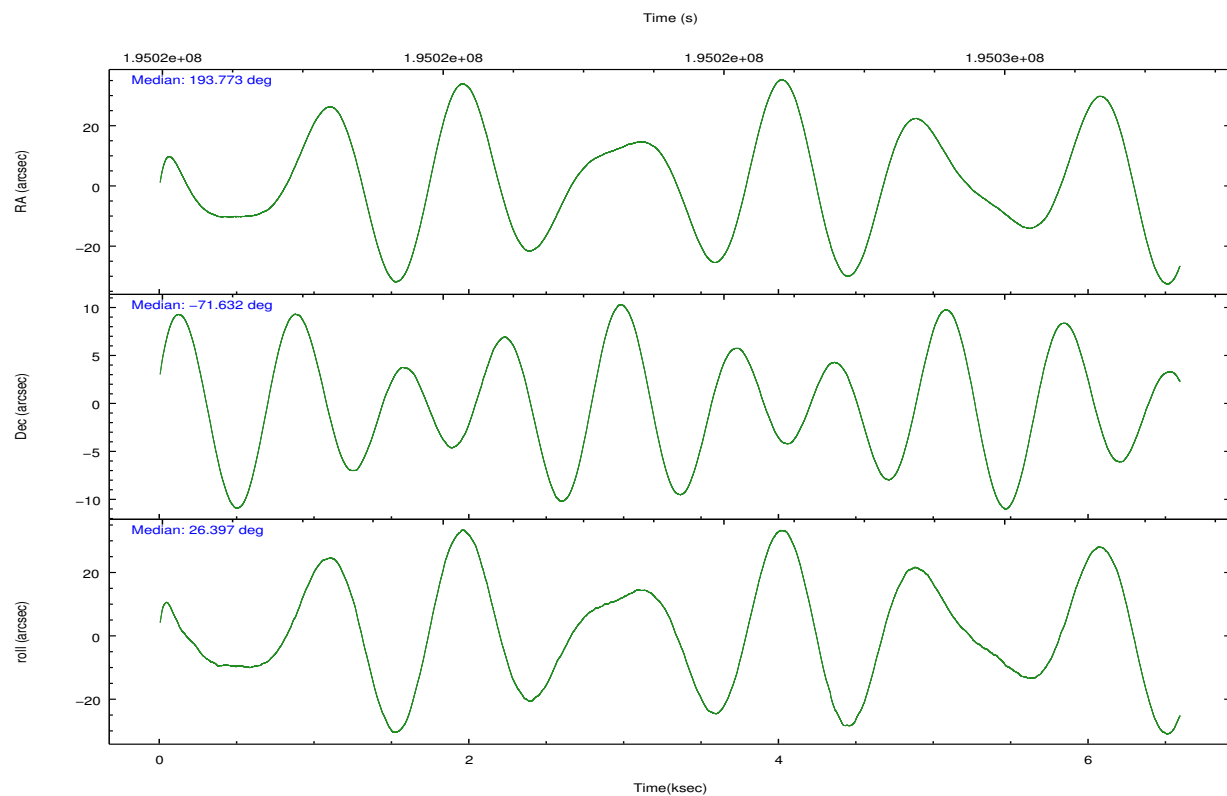
	ccd 7
grade 0 events	401
	4%
grade 1 events	6
	0%
grade 2 events	776
	8%
grade 3 events	502
	5%
grade 4 events	488
	5%
grade 5 events	753
	8%
grade 6 events	1958
	22%
grade 7 events	3865
	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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
[deg] Pointing RA	193.726302	193.7730062452601	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-71.654869	-71.63193447324925	Subarray start row	1	1
[deg] Pointing Roll	26.202889	26.40385135978078	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-178.632523	-178.6345592299333			
[mm] SIM translation stage offset	-11.5	-11.49796335307448			
[s] Observation start time (MET)	195020507.184000	195018311.91014			
Observation start date	2004-03-07T04:20:43	2004-03-07T03:45:11			
[s] Observation end time (MET)	195026913.184000	195027495.39805			
Observation end date	2004-03-07T06:07:29	2004-03-07T06:18:15			
Read mode	TIMED	TIMED			

2.3 Aspect



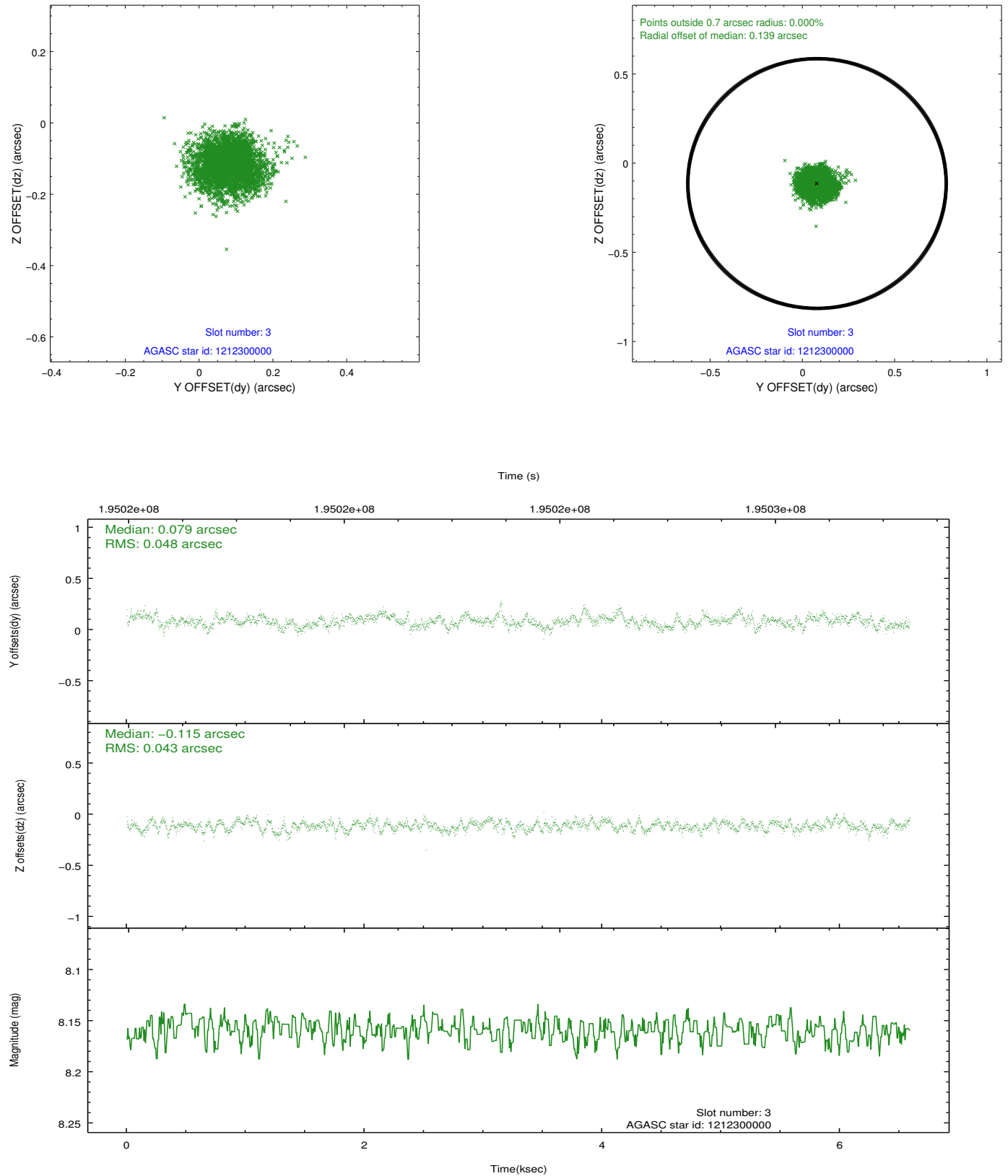


Slot Statistics

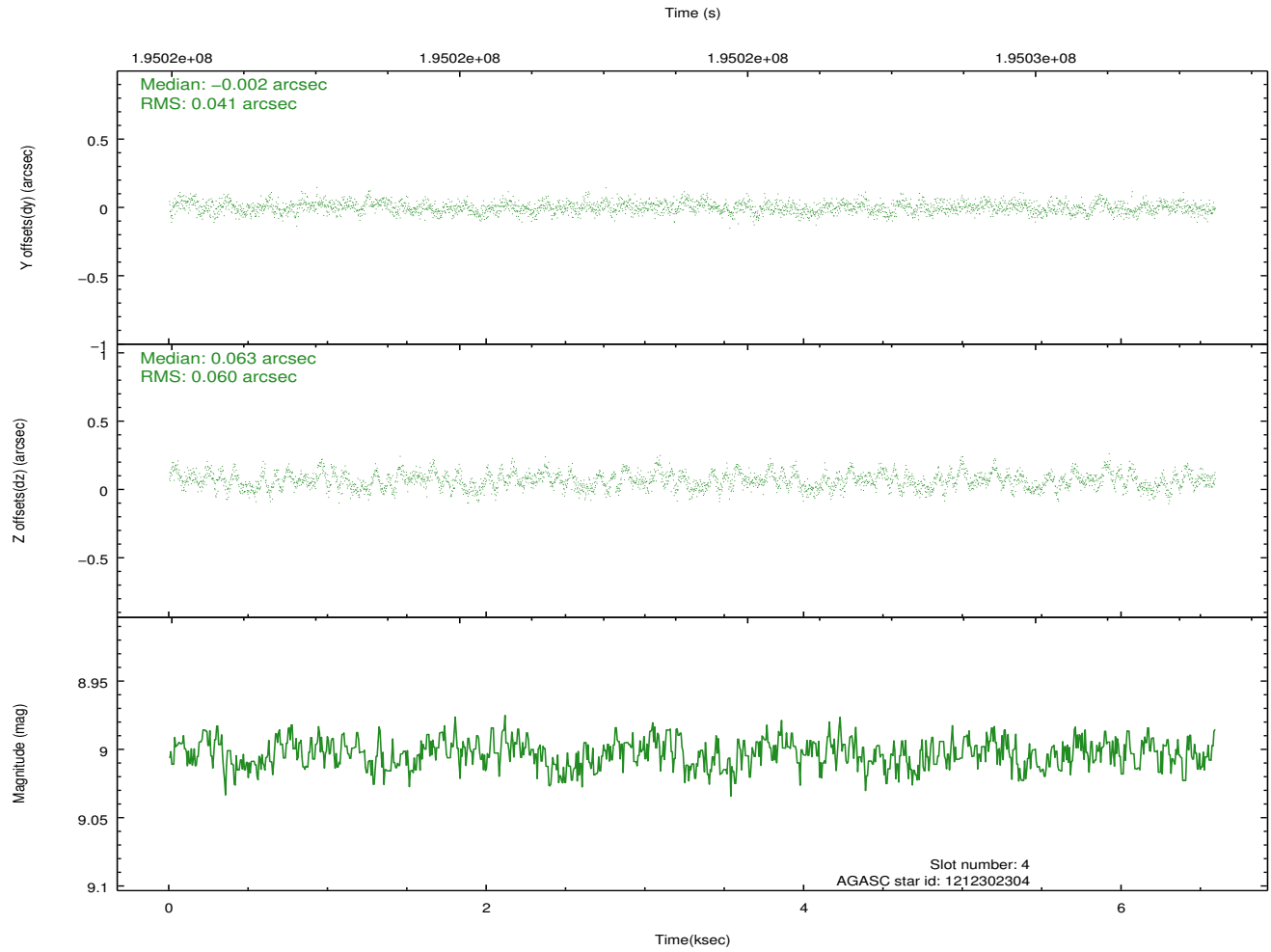
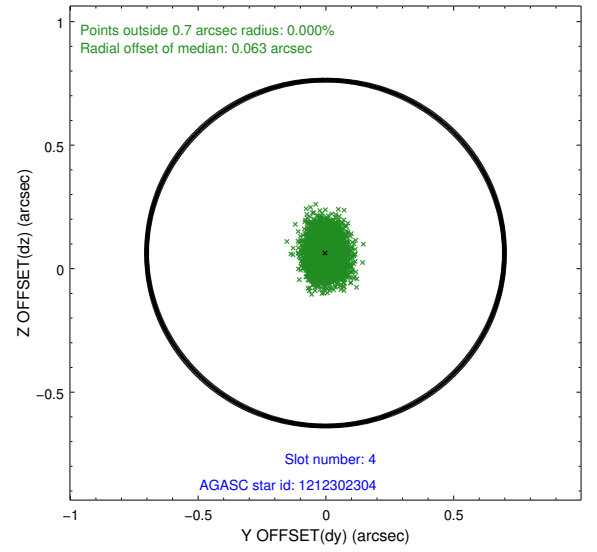
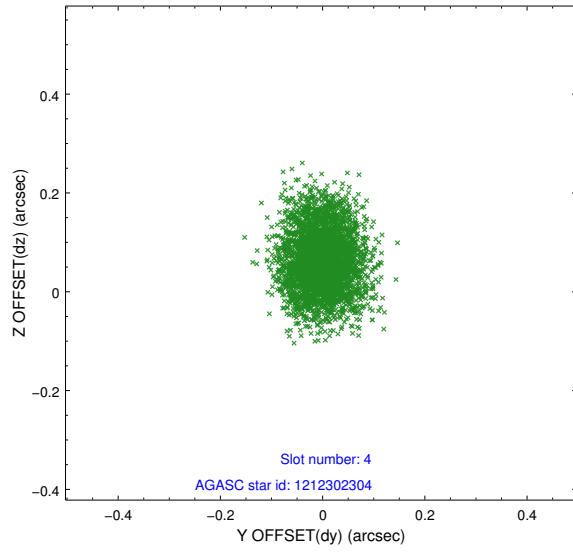
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1607	0.129	0.094	0.006	0.010	0.000000	0.000000	938.48	-1962.75
1	FID	ACIS-S-5	7.23	1608	-0.130	0.146	0.006	0.010	0.000000	0.000000	-1810.18	-66.08
2	FID	ACIS-S-6	7.43	1607	-0.020	-0.229	0.007	0.011	0.000000	0.000000	403.05	578.39
3	GUIDE	1212300000	8.16	3214	0.079	-0.115	0.068	0.110	192.377853	-71.731473	-1494.05	408.92
4	GUIDE	1212302304	9.00	3213	-0.002	0.063	0.078	0.124	194.558777	-72.021174	245.01	-1597.12
5	GUIDE	1212302584	7.57	3215	-0.015	-0.056	0.061	0.094	193.415639	-71.273508	283.80	1389.06
6	GUIDE	1212303784	8.53	3211	-0.070	-0.120	0.057	0.093	194.832846	-71.359799	1606.65	380.93
7	GUIDE	1212288568	9.37	3213	0.009	0.226	0.108	0.173	194.588403	-72.199074	-15.61	-2182.47

2.4 Star Slots

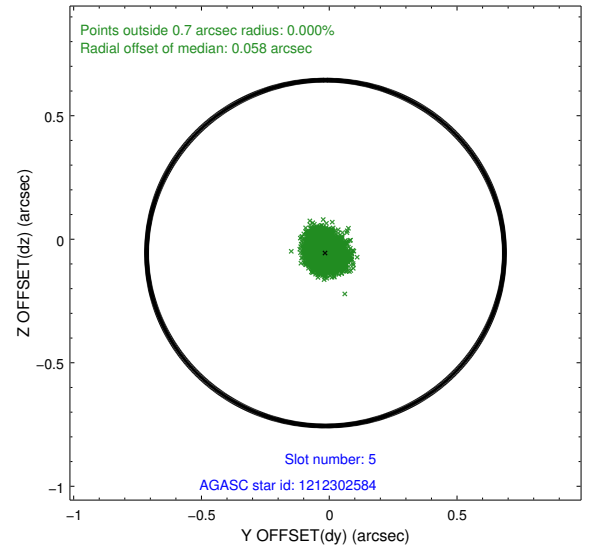
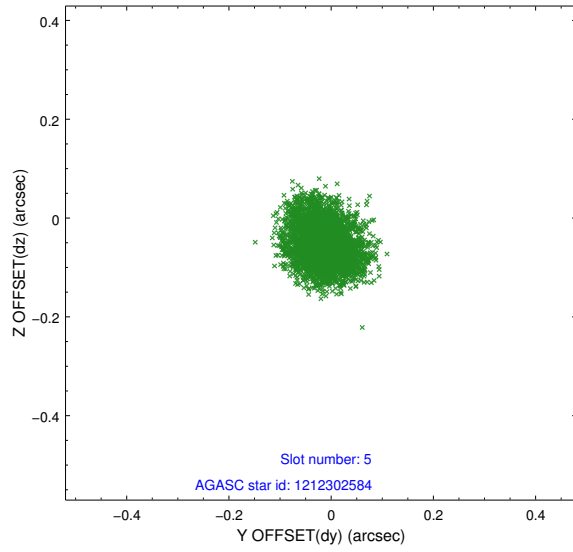
2.4.1 Slot 3



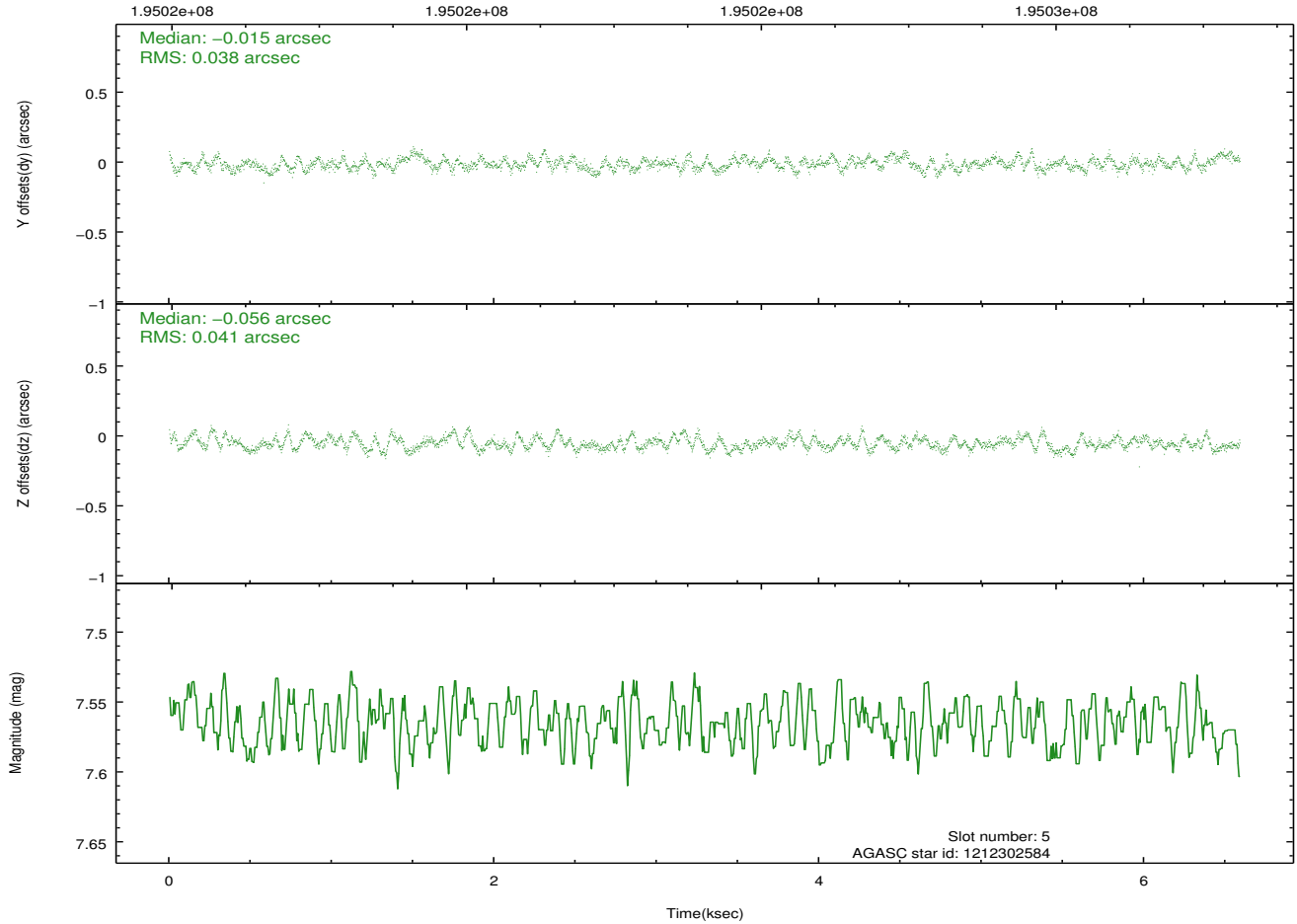
2.4.2 Slot 4



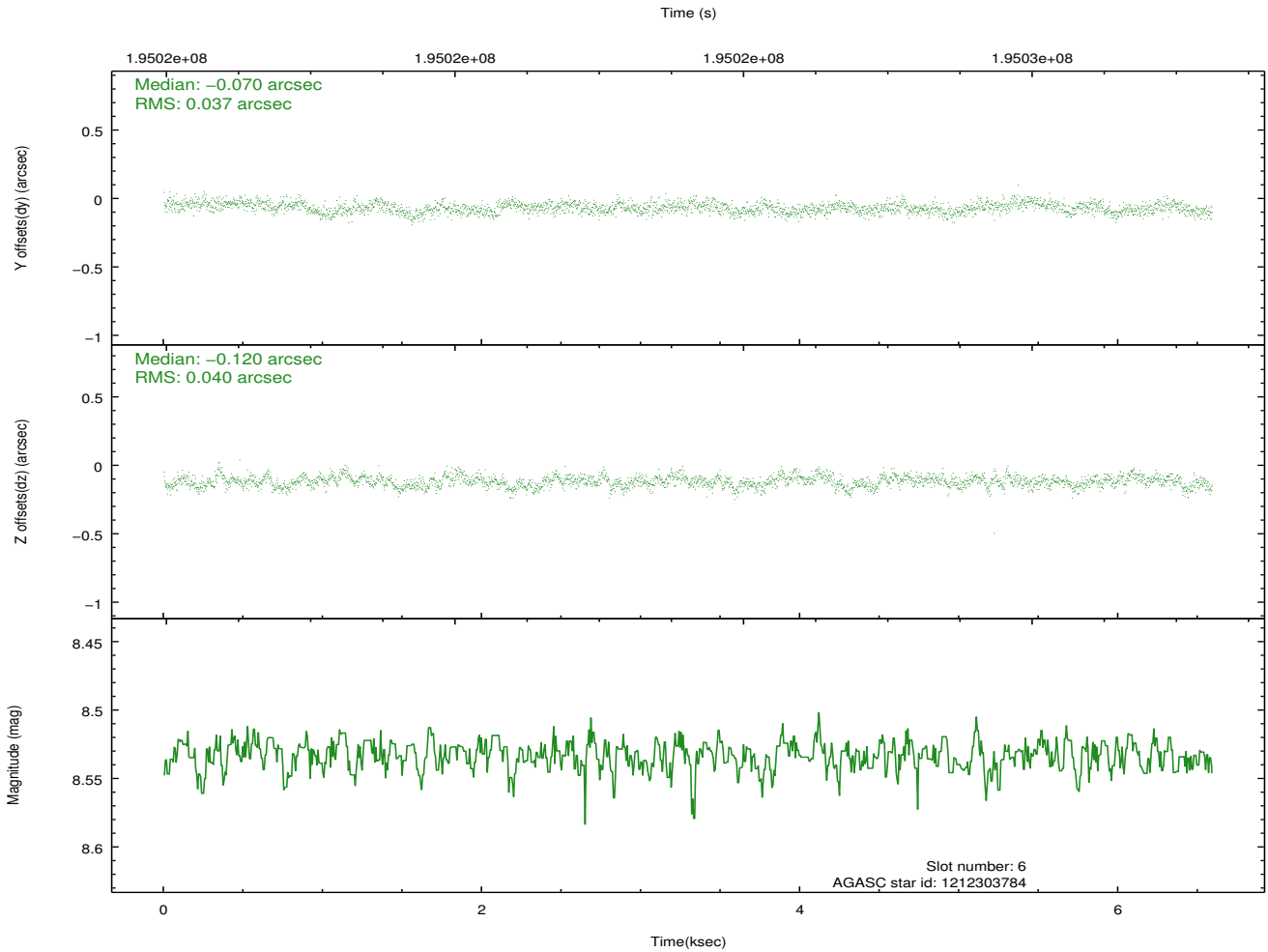
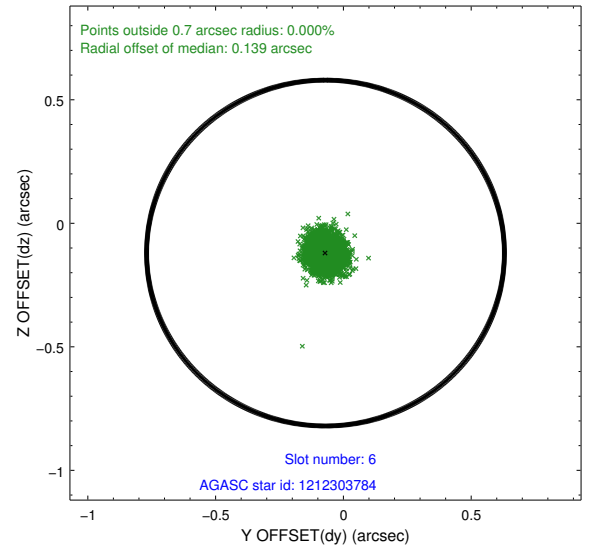
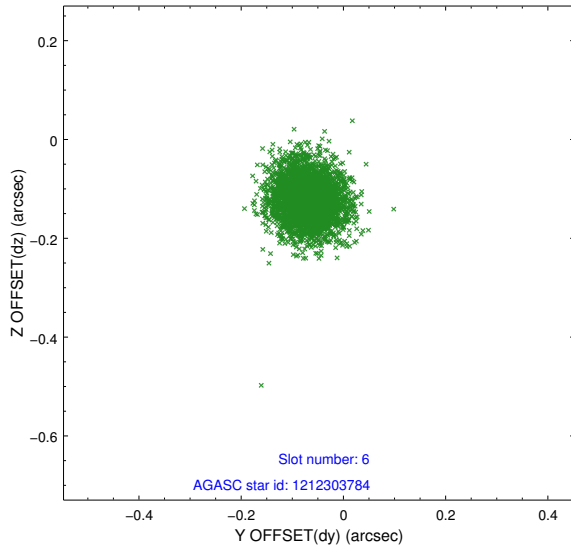
2.4.3 Slot 5



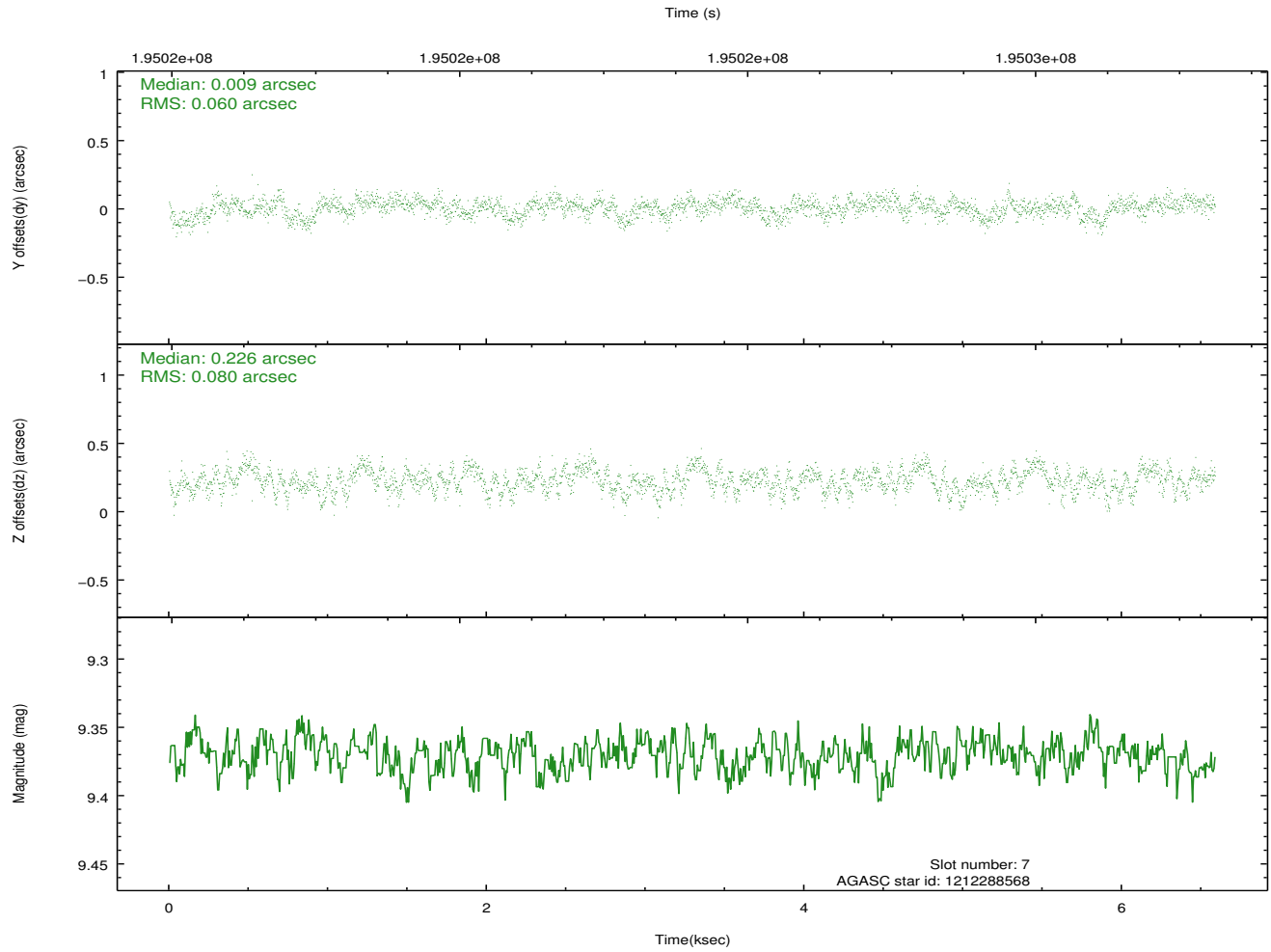
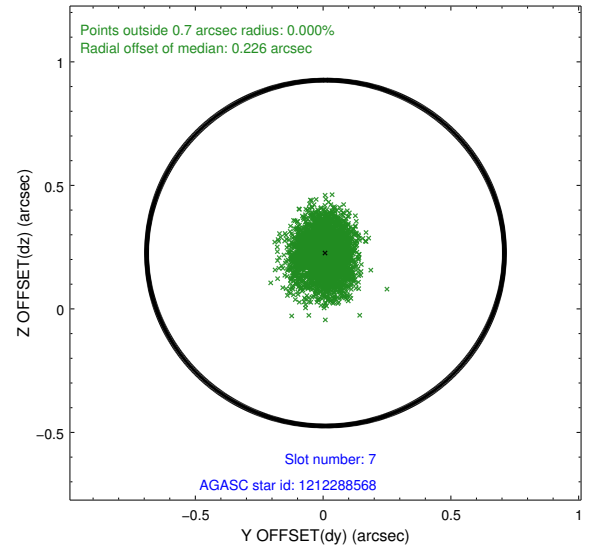
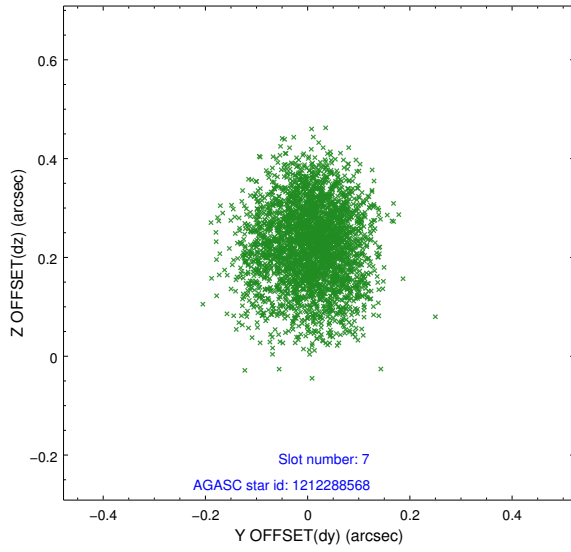
Time (s)



2.4.4 Slot 6

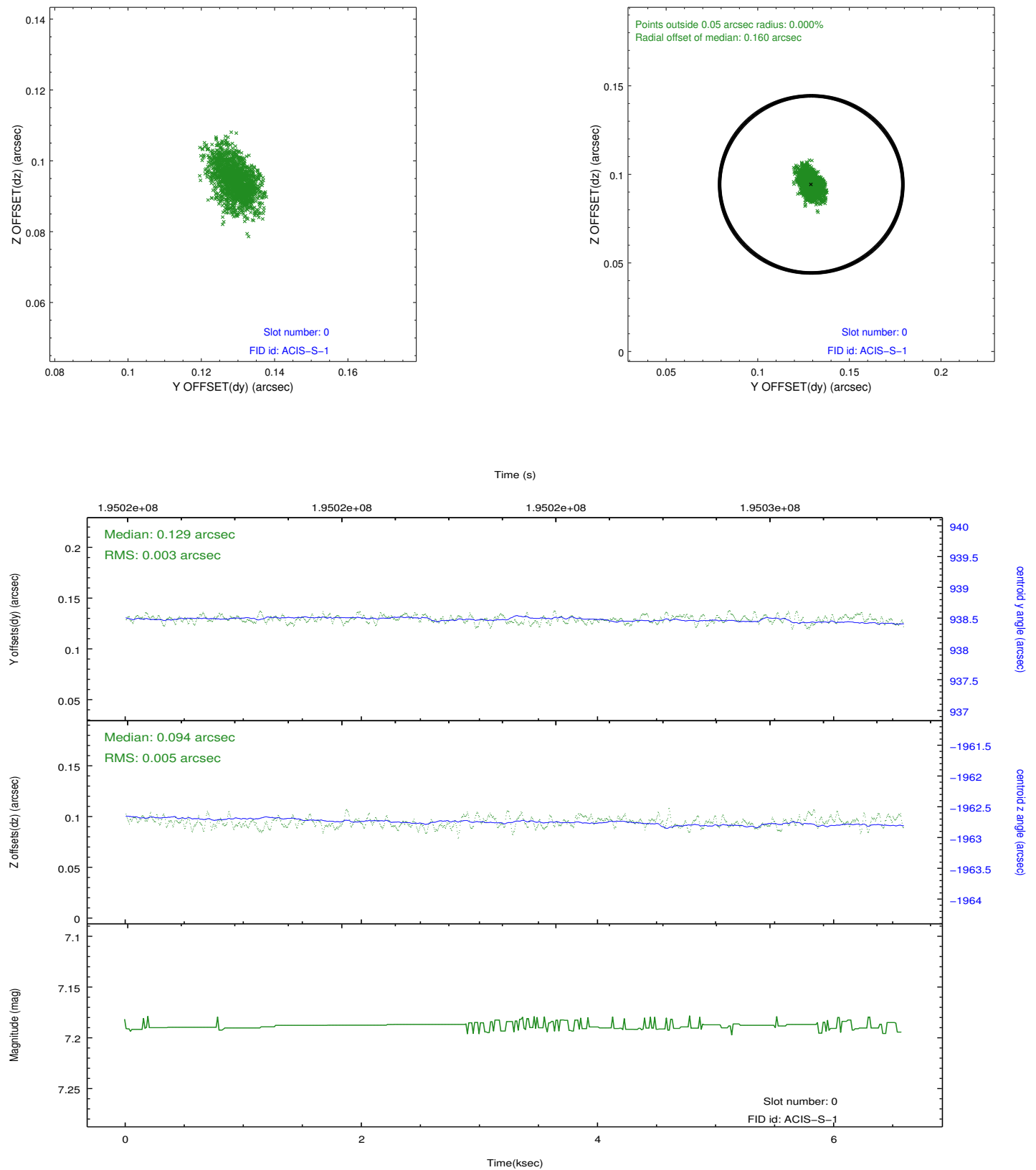


2.4.5 Slot 7

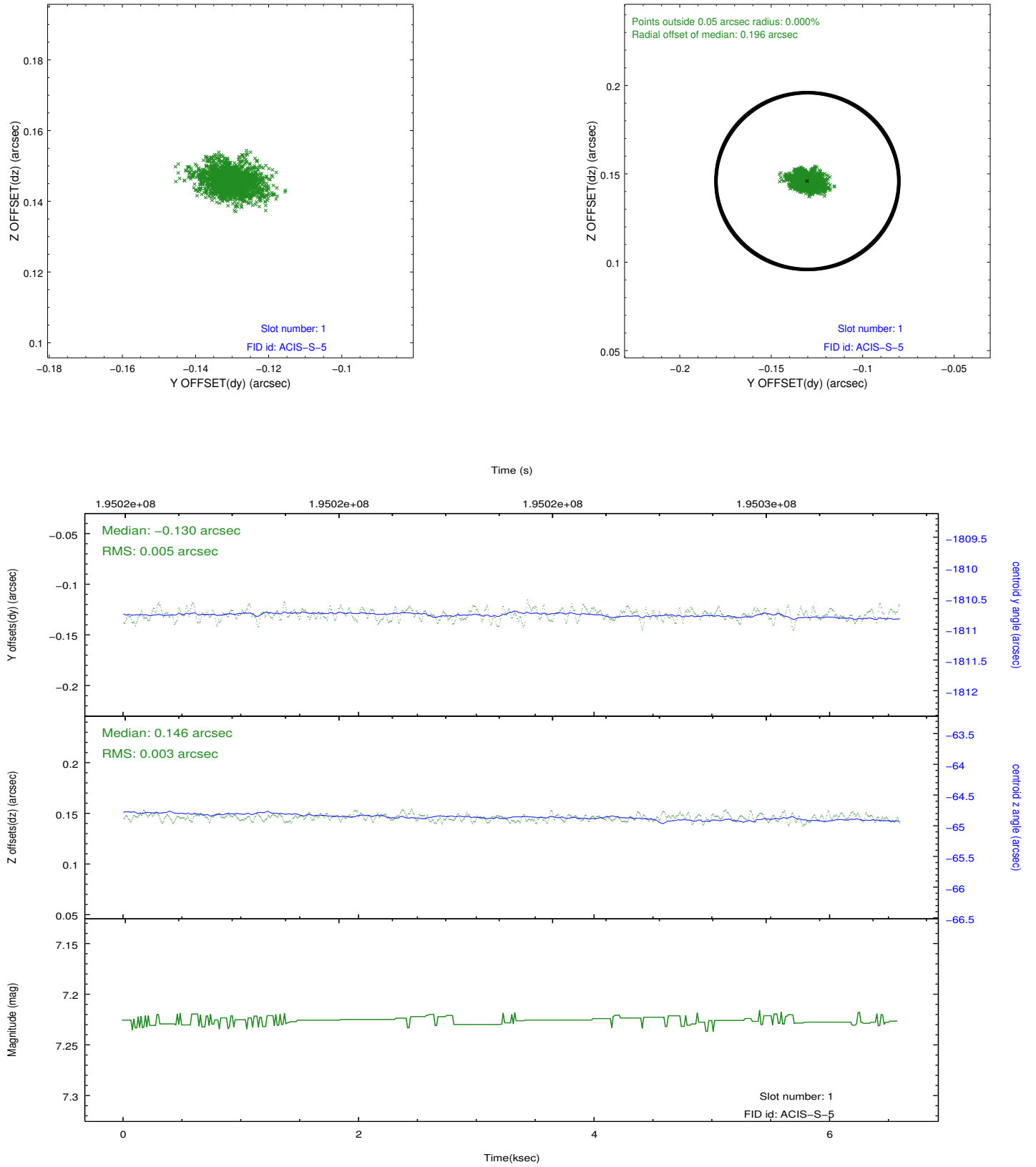


2.5 FID Slots

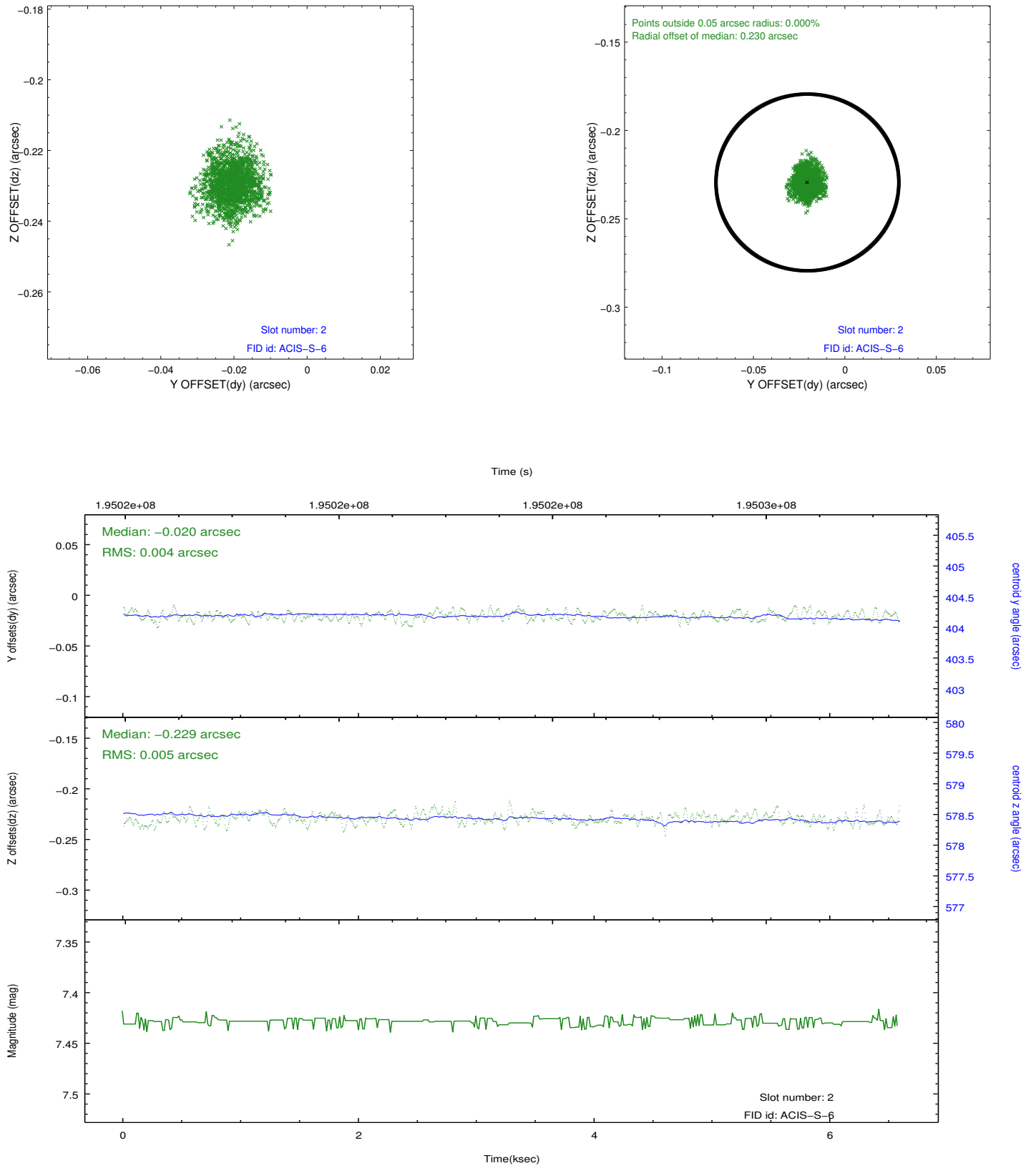
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.587

A.2 Comments