

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10561 - L2 Version 2
Chandra X-Ray Center

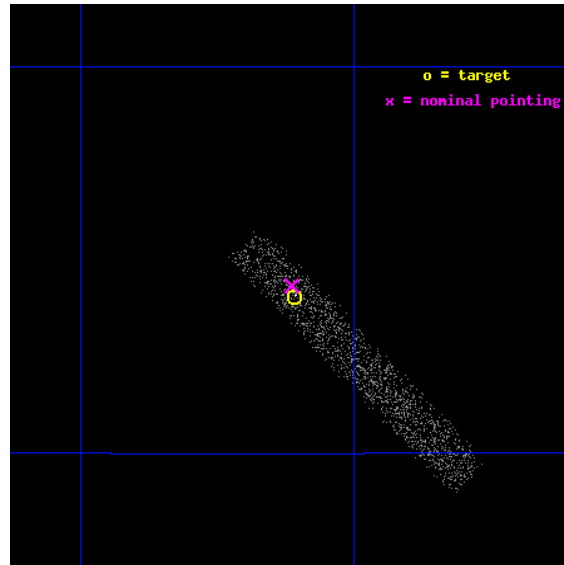
L2 Processing Date : May 24 2012

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1 Front

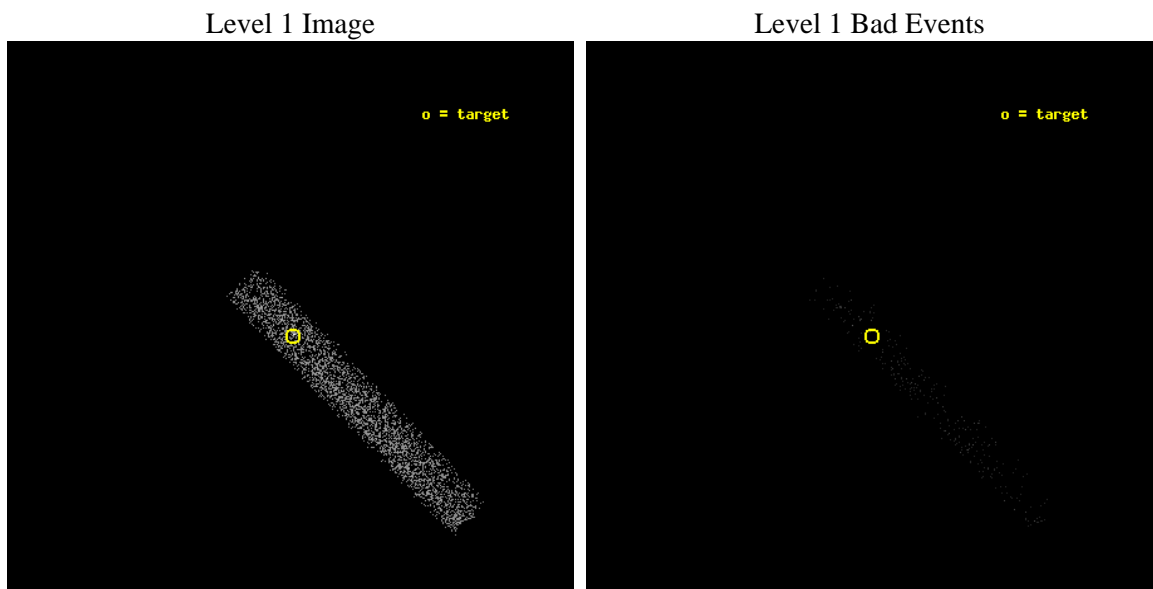
seq_num	600754	Sequence number
obs_id	10561	Observation id
title	XMMU J134736.6+173403: the brightest ULX known?	Proposal title
observer	dr Peter Jonker	Principal investigator
object	XMMU J134736.6+173403	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	206.9025	Observer's specified target RA [deg]
dec_targ	17.567444	Observer's specified target Dec [deg]
ra_nom	206.90356106876	Nominal RA [deg]
dec_nom	17.572102334535	Nominal Dec [deg]
roll_nom	46.03419169884	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2169.9998706579	Sum of GTIs [s]
livetime	1968.0753407019	Livetime [s]
ontime7	2169.9998706579	Sum of GTIs [s]
l2events	1958	Number of level 2 events



2 OBI

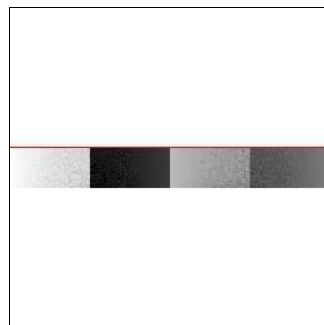
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2169.9998706579	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	2169.9998706579	Sum of GTIs [s]
date	2012-05-24T16:45:51	Date and time of file creation	l1events	4430	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

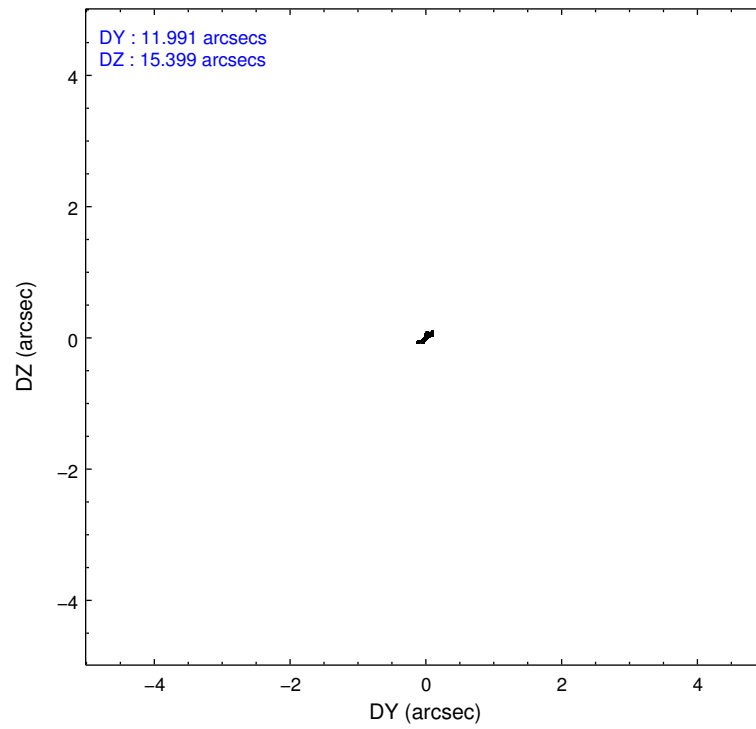
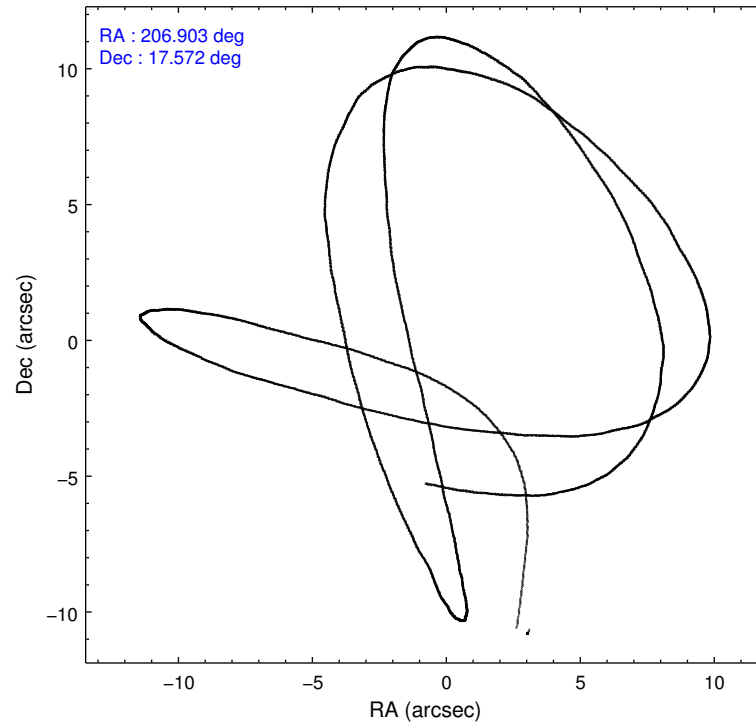
	ccd 7
level 1 events	4430
rejected events	2397
rejected %	54%

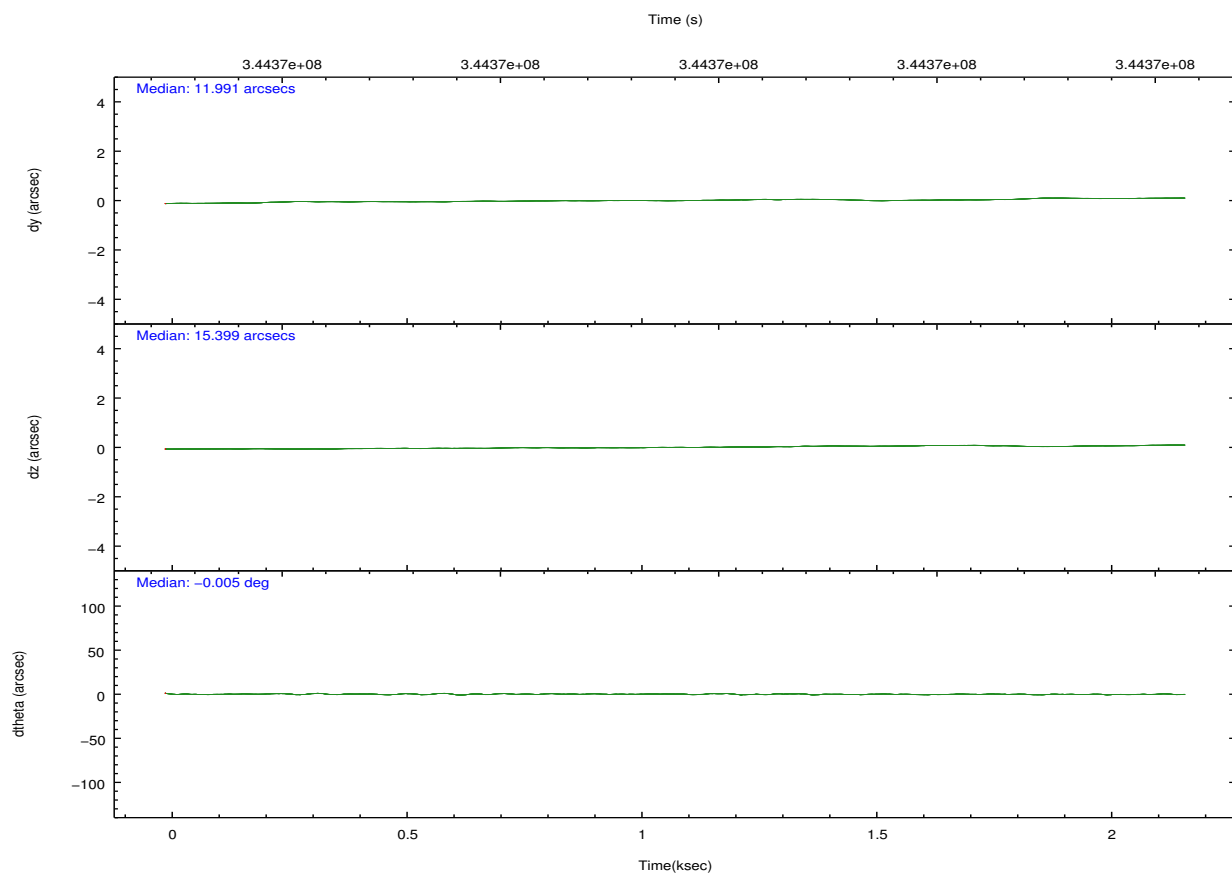
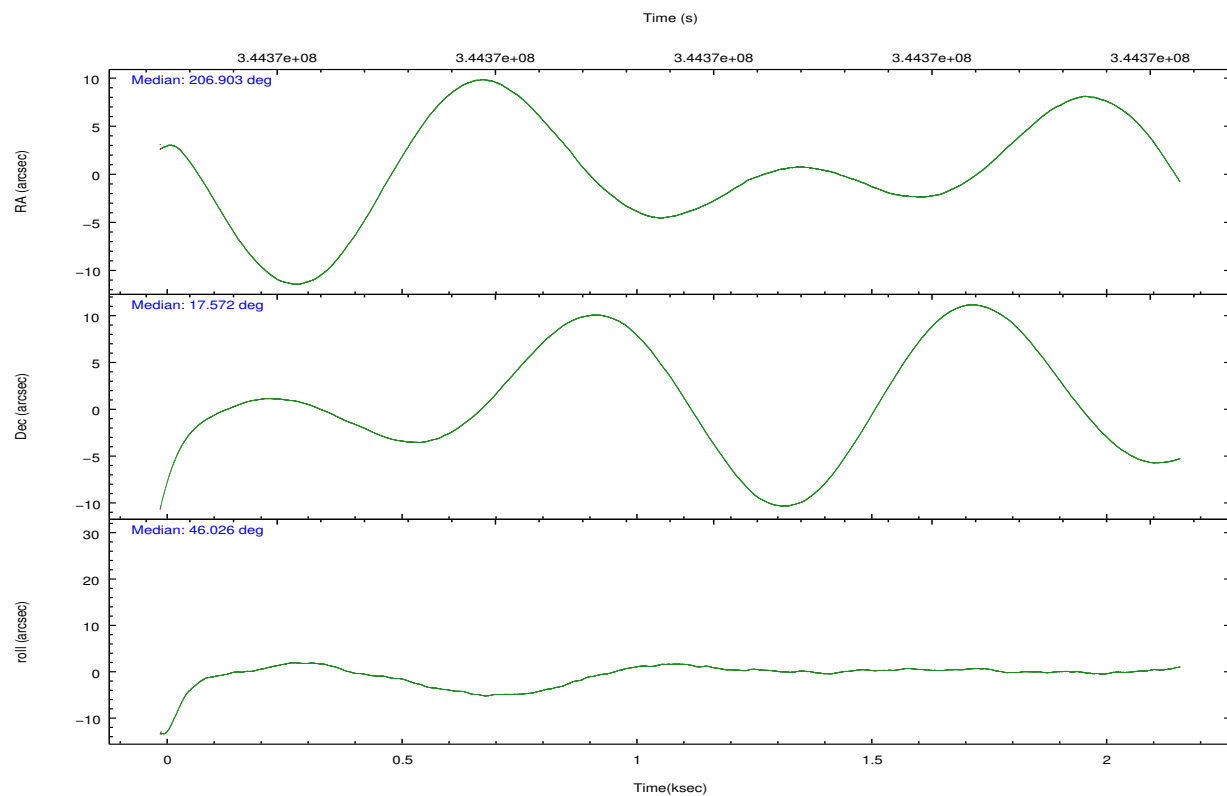
	ccd 7
grade 0 events	285
	6%
grade 1 events	8
	0%
grade 2 events	383
	8%
grade 3 events	252
	5%
grade 4 events	286
	6%
grade 5 events	383
	8%
grade 6 events	933
	21%
grade 7 events	1900
	42%

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	206.897044	206.9035610687582	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	17.545557	17.5721023345351	Subarray start row	449	449
[deg] Pointing Roll	45.879633	46.03419169883978	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	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	344371484.184000	344370668.41001			
Observation start date	2008-11-29T18:43:39	2008-11-29T18:31:08			
[s] Observation end time (MET)	344373484.184000	344374430.1602			
Observation end date	2008-11-29T19:16:59	2008-11-29T19:33:50			
Read mode	TIMED	TIMED			

2.3 Aspect



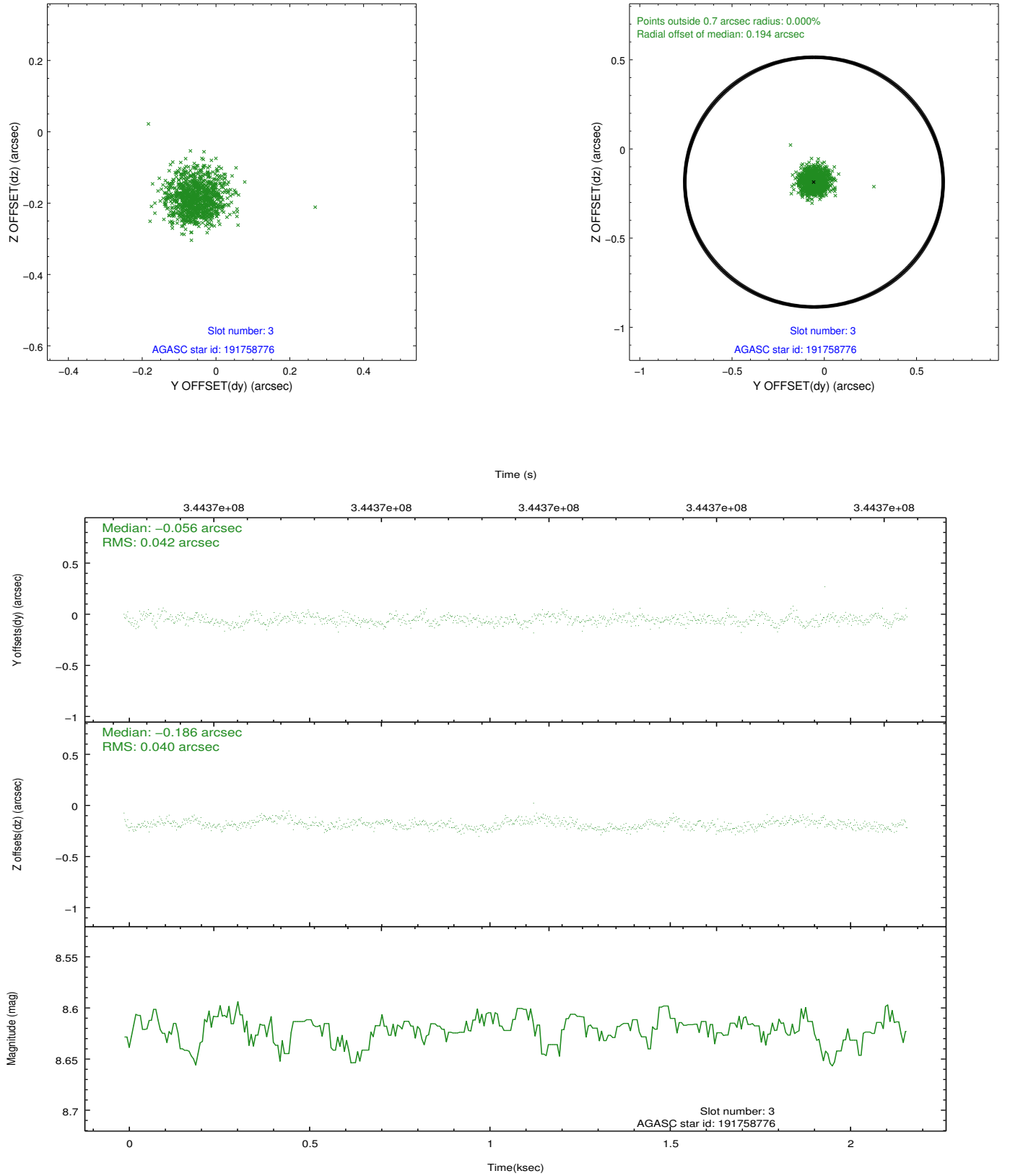


Slot Statistics

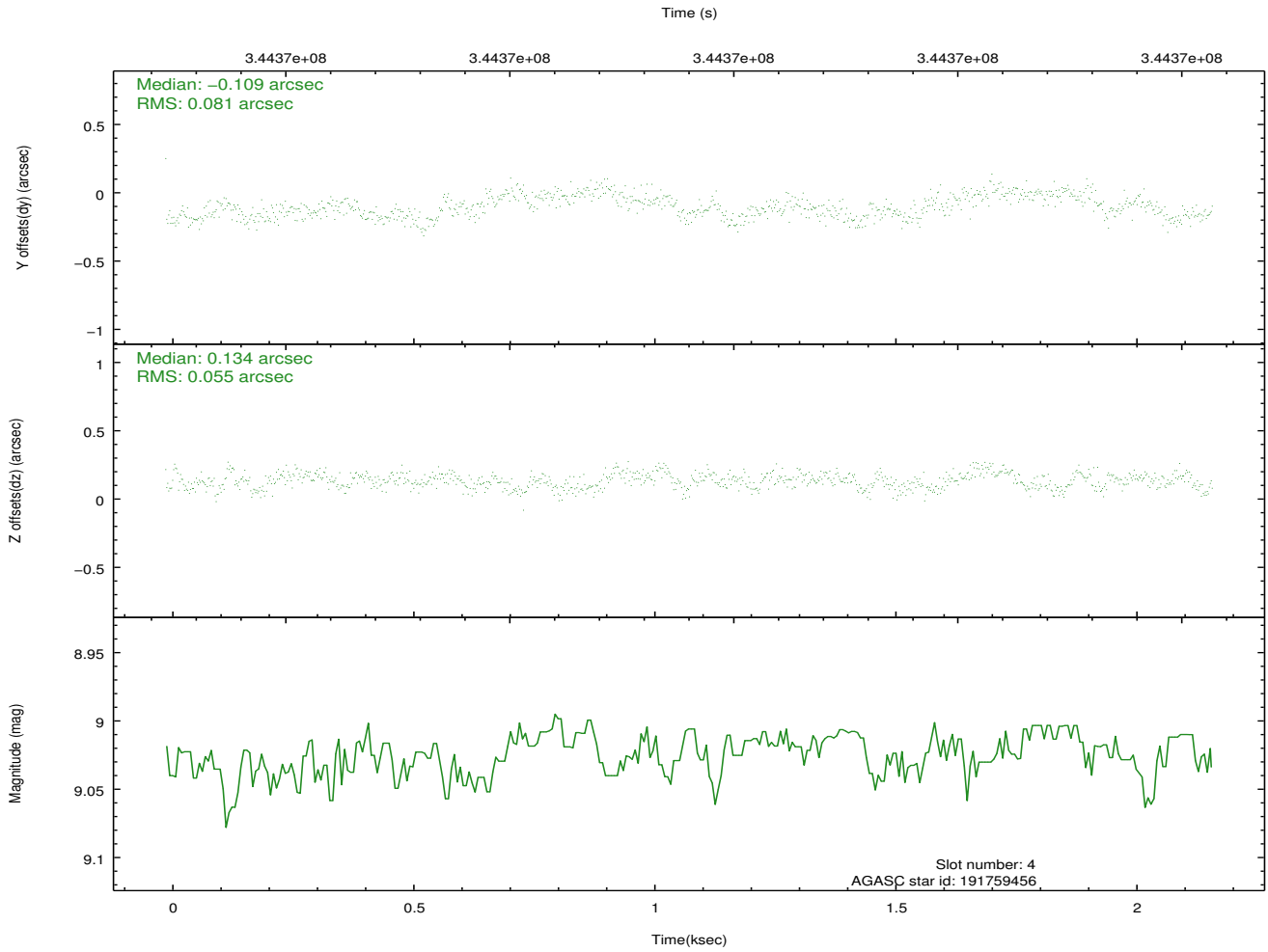
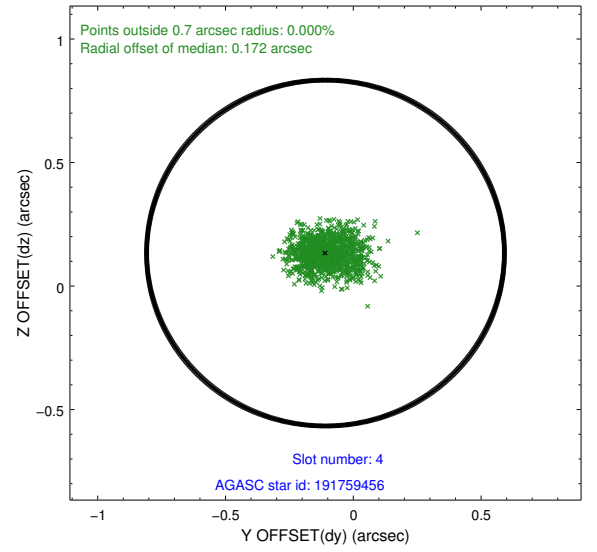
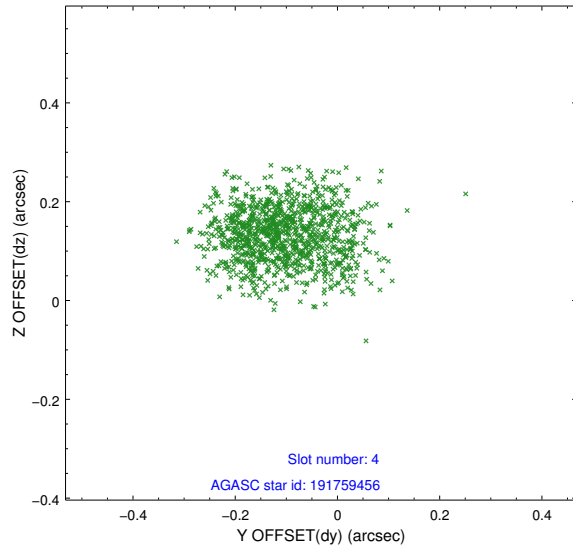
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.86	530	-0.038	0.016	0.006	0.010	0.000000	0.000000	-764.89	-1736.79
1	FID	ACIS-S-4	6.95	530	0.101	0.014	0.005	0.010	0.000000	0.000000	2147.13	168.61
2	FID	ACIS-S-5	6.97	530	-0.095	-0.022	0.005	0.010	0.000000	0.000000	-1813.97	165.61
3	GUIDE	191758776	8.62	1060	-0.056	-0.186	0.062	0.097	207.101898	18.248962	2306.15	1260.58
4	GUIDE	191759456	9.02	1060	-0.109	0.134	0.105	0.163	207.593967	17.796320	2315.38	-1081.56
5	GUIDE	191761480	8.92	1060	0.190	-0.160	0.088	0.138	206.398691	17.742440	-676.48	1720.39
6	GUIDE	191765024	9.08	1058	0.081	0.106	0.082	0.132	207.333670	17.693483	1425.88	-700.73
7	GUIDE	191766032	8.16	1059	-0.114	0.110	0.057	0.099	207.355598	17.879340	1959.49	-290.05

2.4 Star Slots

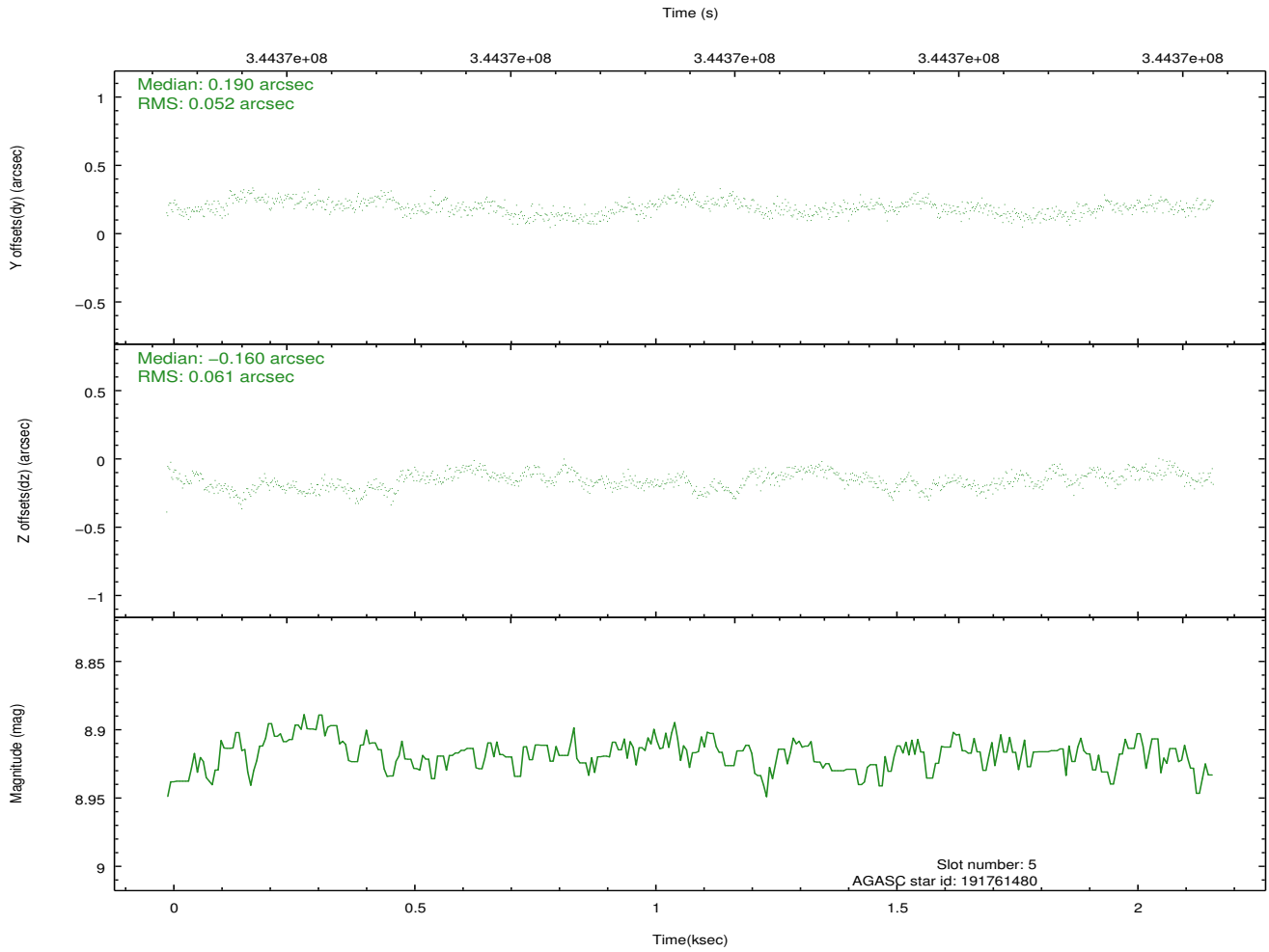
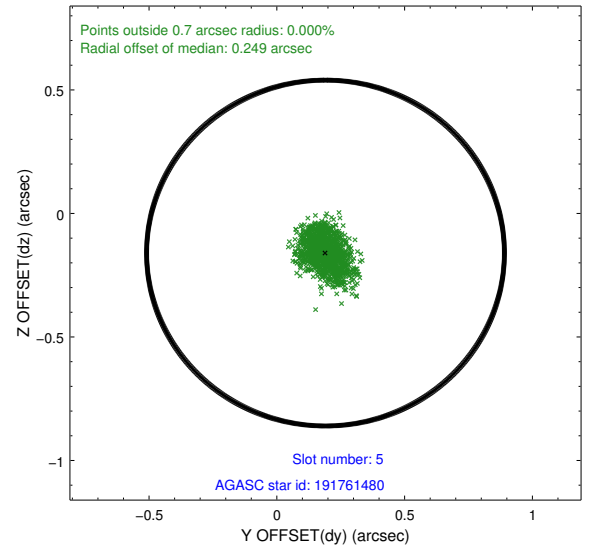
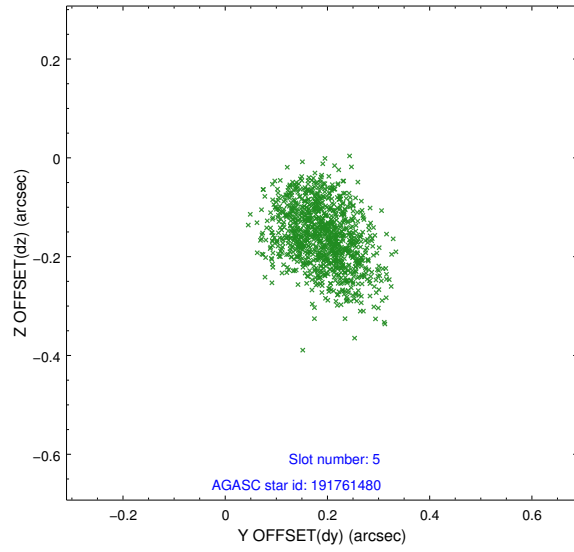
2.4.1 Slot 3



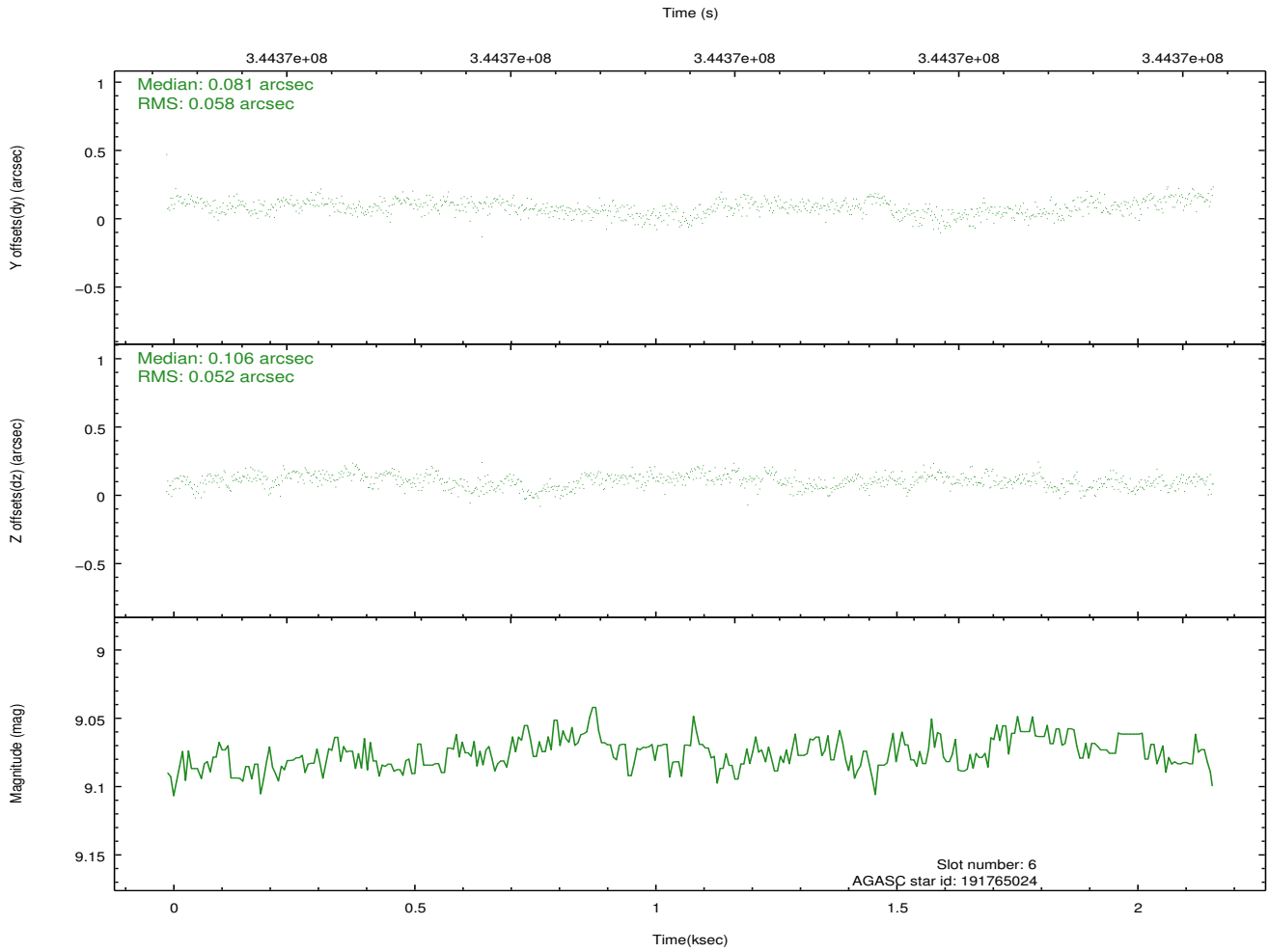
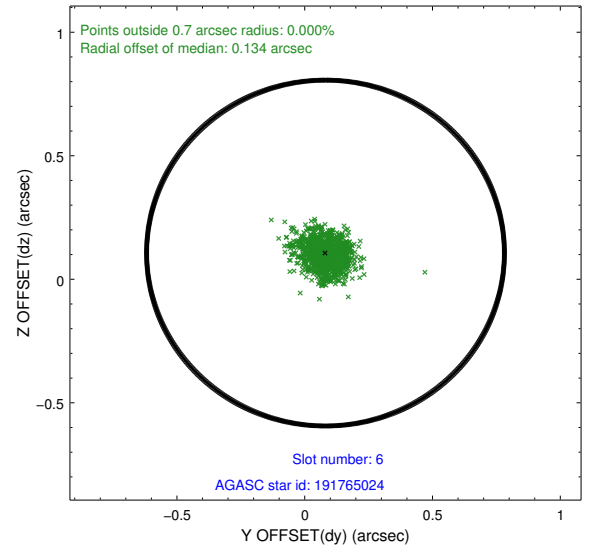
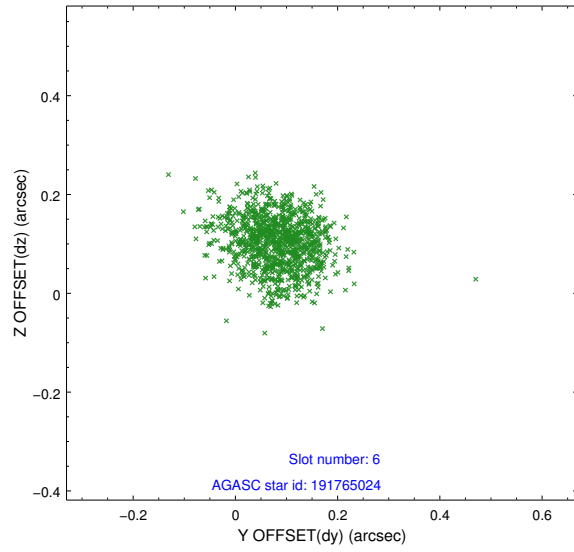
2.4.2 Slot 4



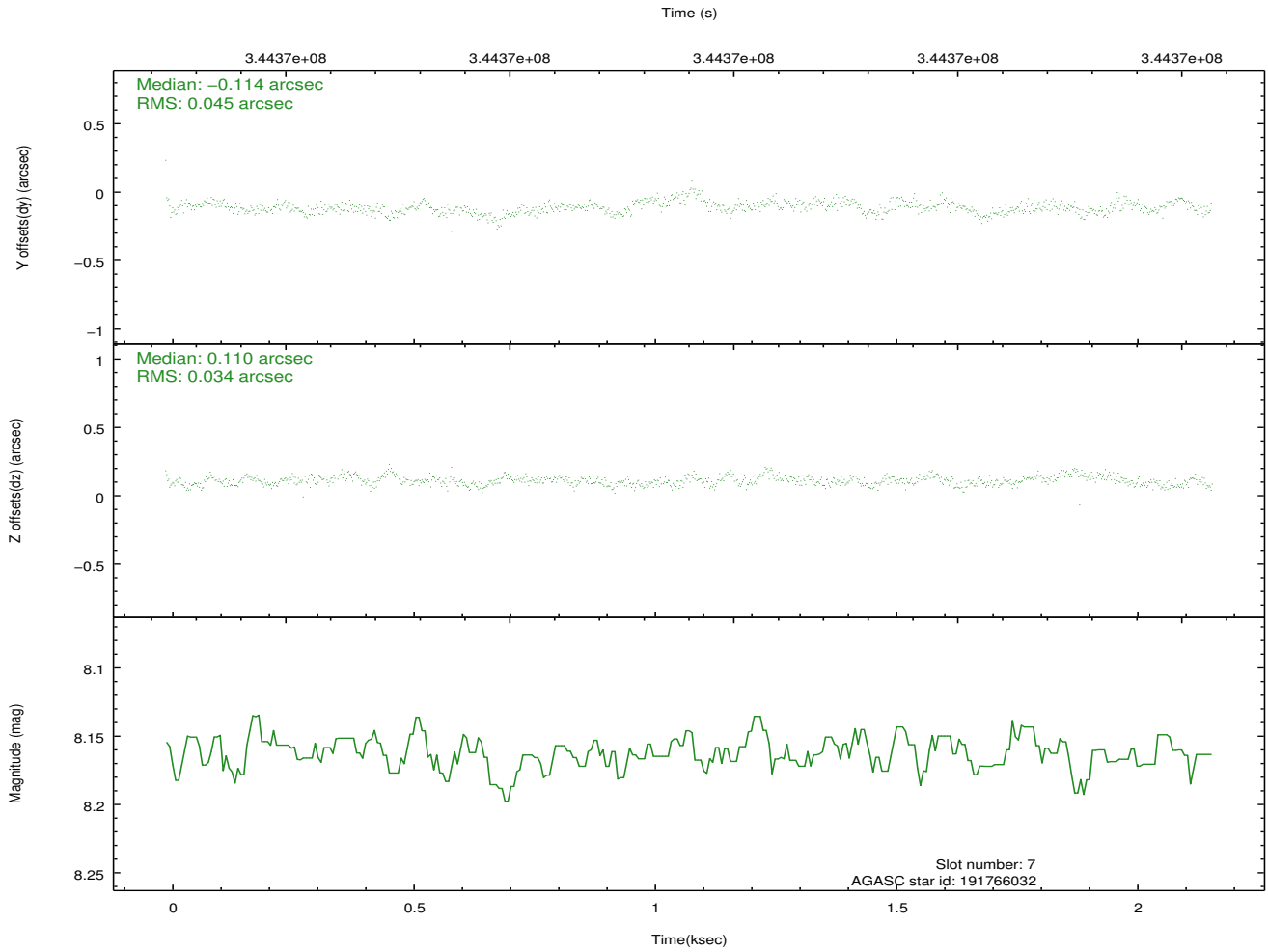
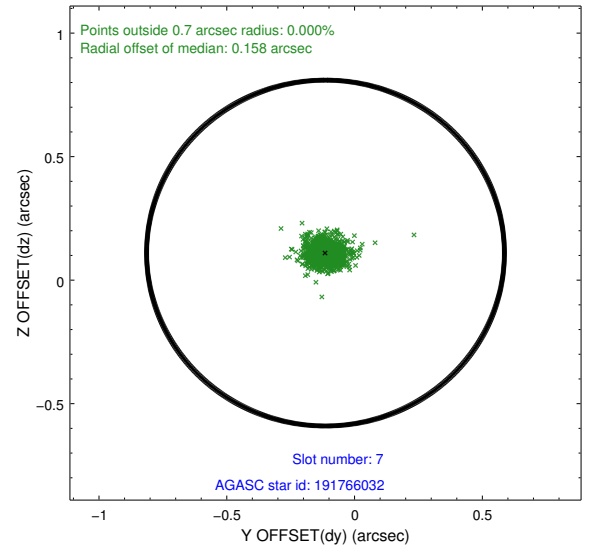
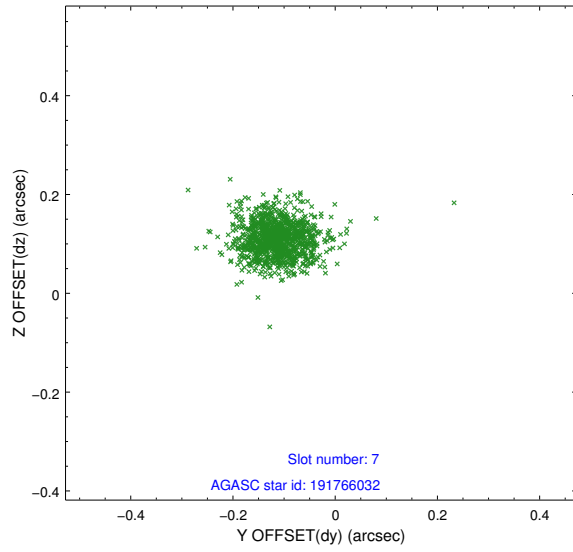
2.4.3 Slot 5



2.4.4 Slot 6

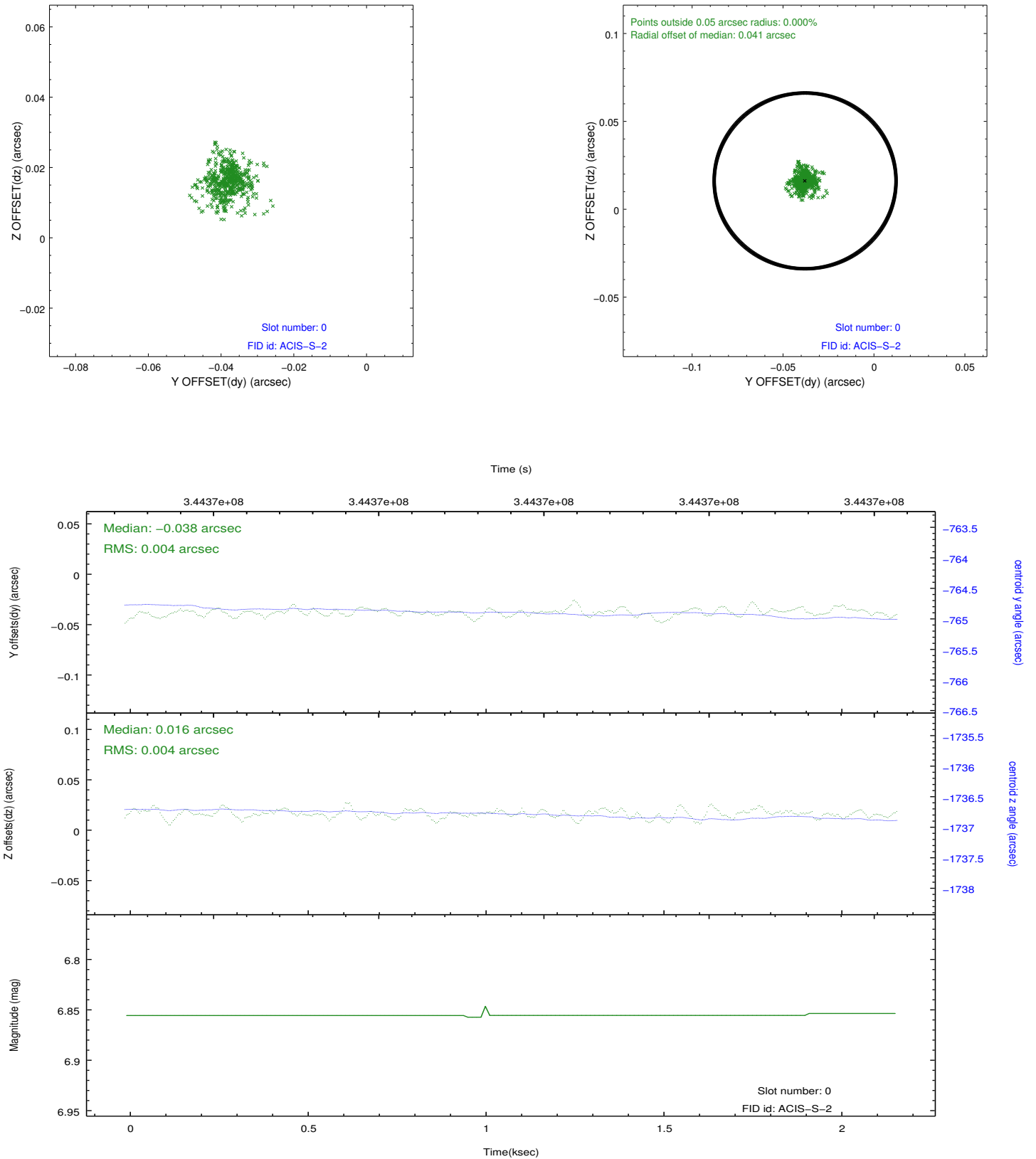


2.4.5 Slot 7

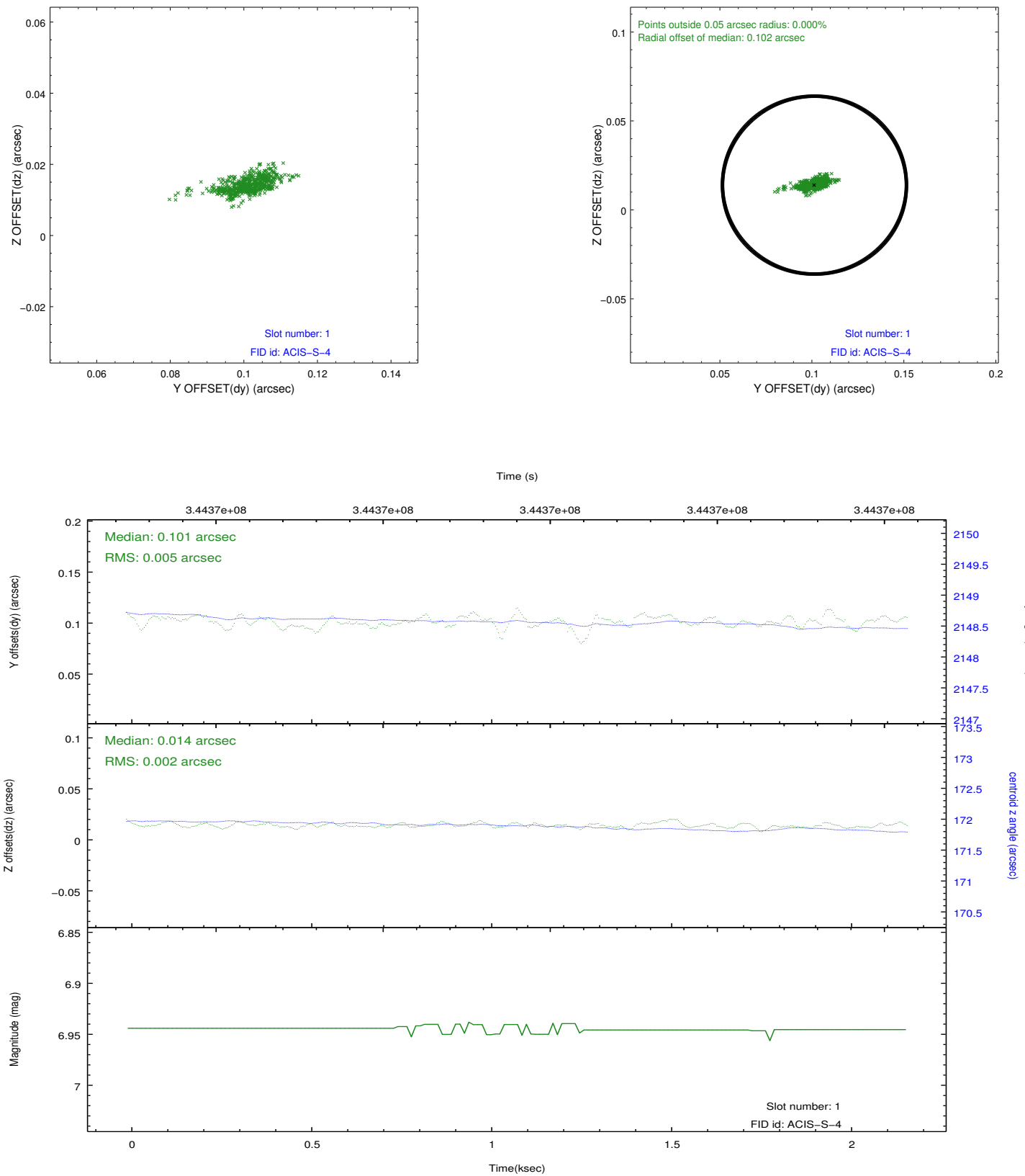


2.5 FID Slots

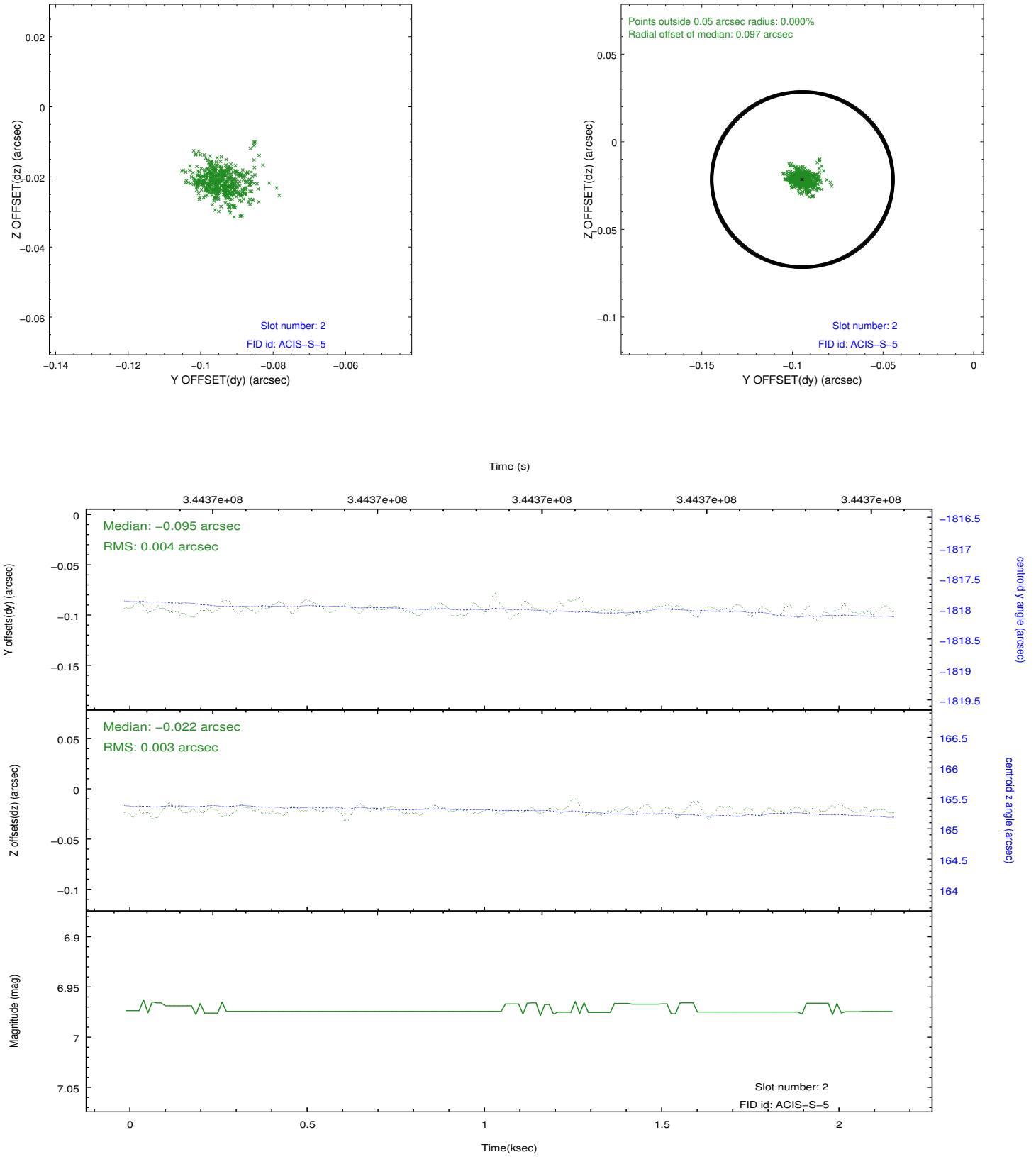
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.16999987

A.2 Comments