

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9236 - L2 Version 2
Chandra X-Ray Center

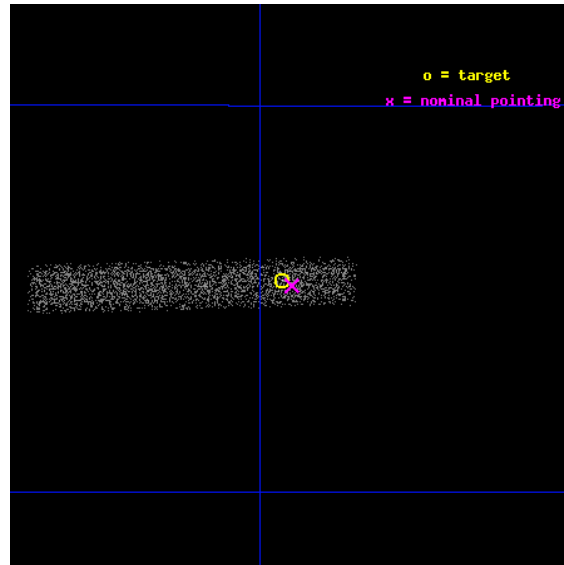
L2 Processing Date : May 12 2012

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1 Front

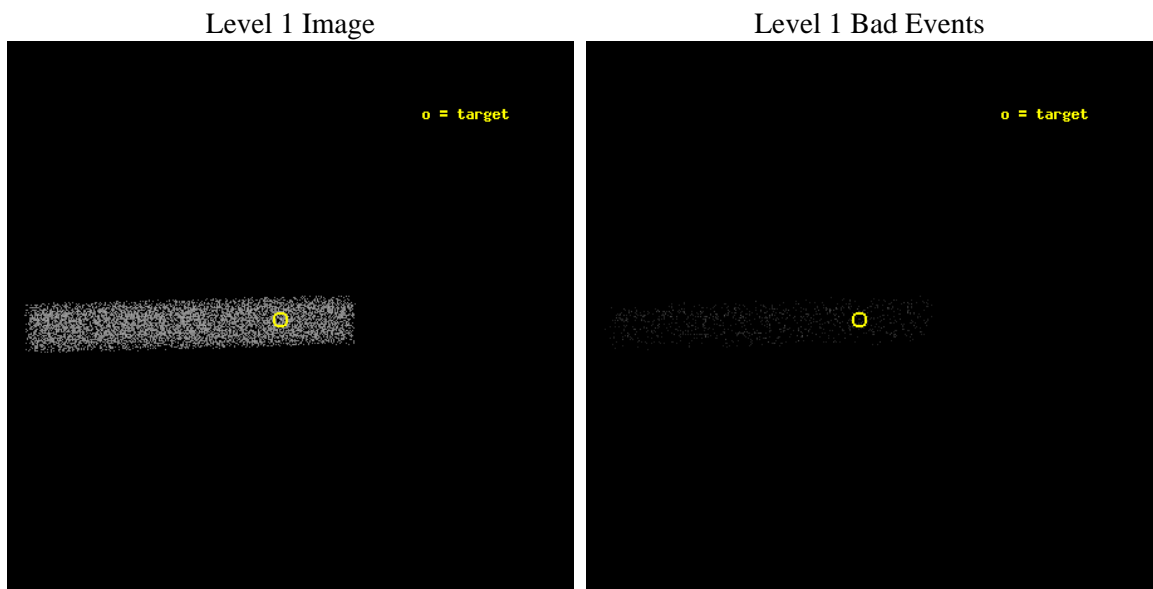
seq_num	701677	Sequence number
obs_id	9236	Observation id
title	A Chandra survey of IMBH AGNs with low Eddington ratios	Proposal t
observer	Dr Weimin Yuan	Principal investigator
object	130456.95+395529.7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	196.2375	Observer's specified target RA [deg]
dec_targ	39.924889	Observer's specified target Dec [deg]
ra_nom	196.23197992382	Nominal RA [deg]
dec_nom	39.922369786769	Nominal Dec [deg]
roll_nom	178.54567423945	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5181.5996911526	Sum of GTIs [s]
livetime	4699.437412618	Livetime [s]
ontime7	5181.5996911526	Sum of GTIs [s]
l2events	4048	Number of level 2 events



2 OBI

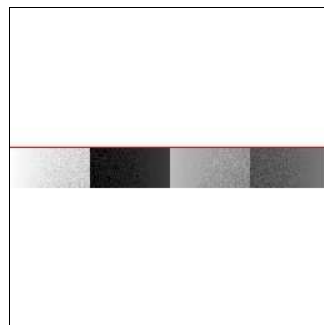
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5181.5996911526	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5181.5996911526	Sum of GTIs [s]
date	2012-05-12T13:17:34	Date and time of file creation	l1events	9969	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

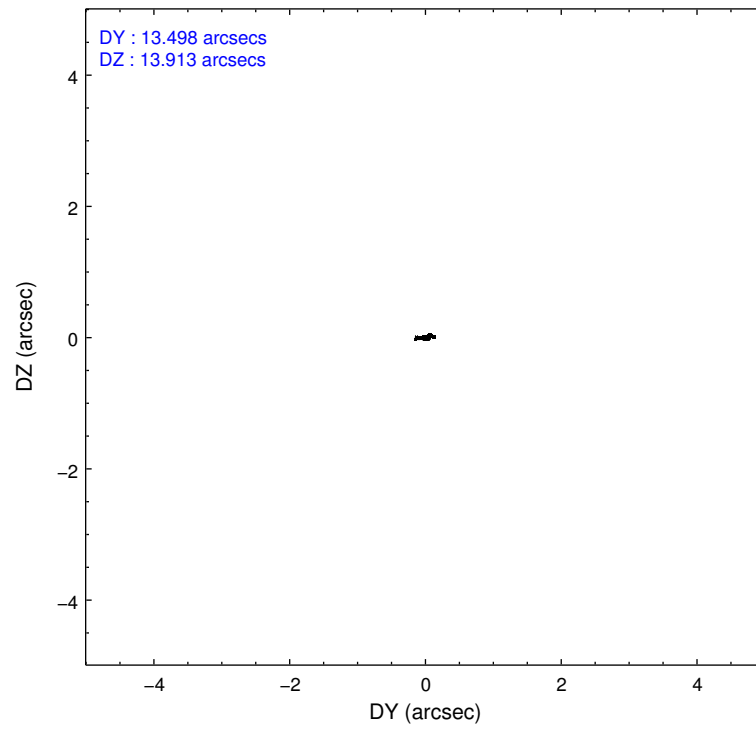
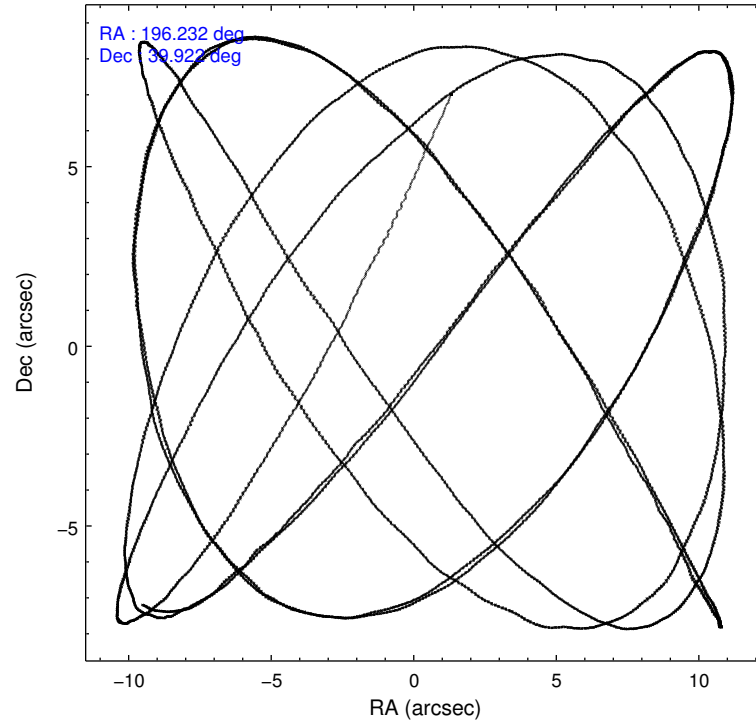
	ccd 7
level 1 events	9969
rejected events	5744
rejected %	57%

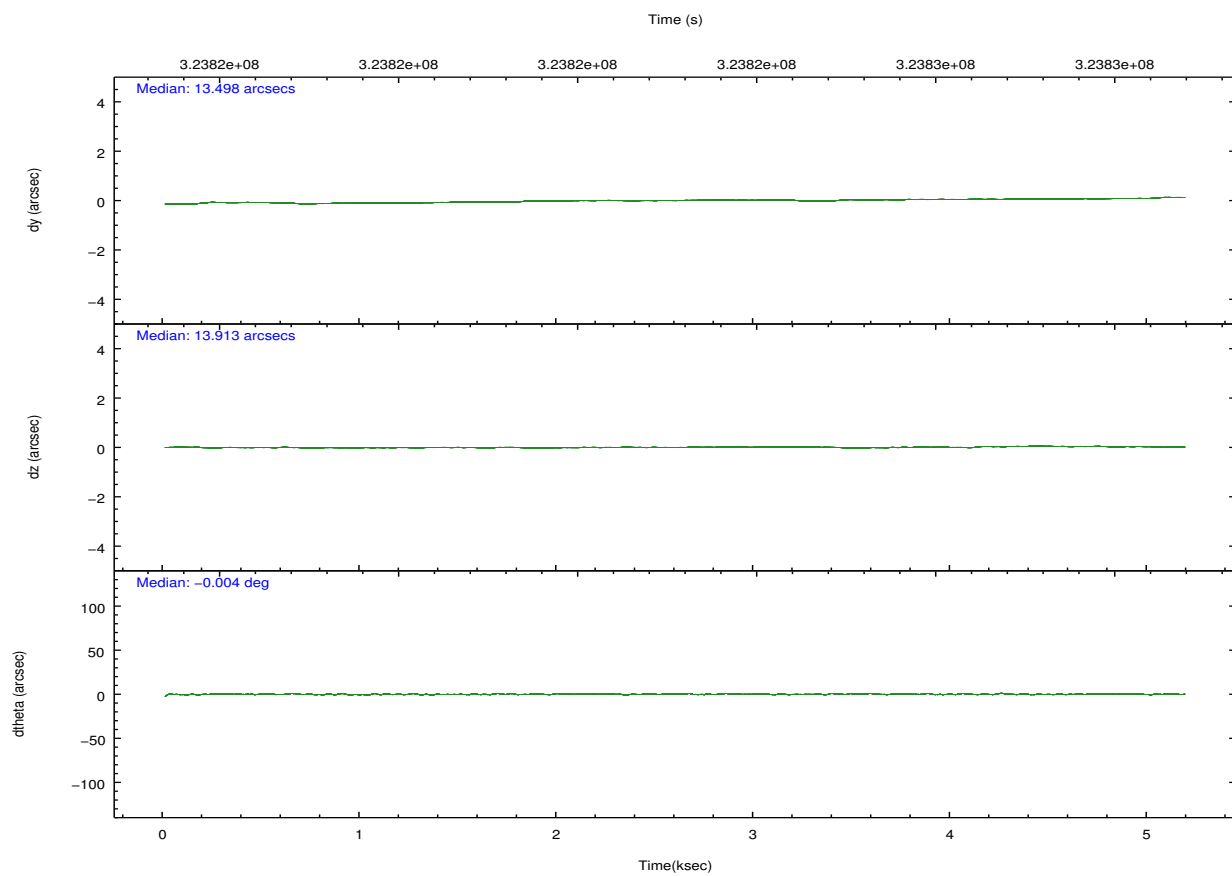
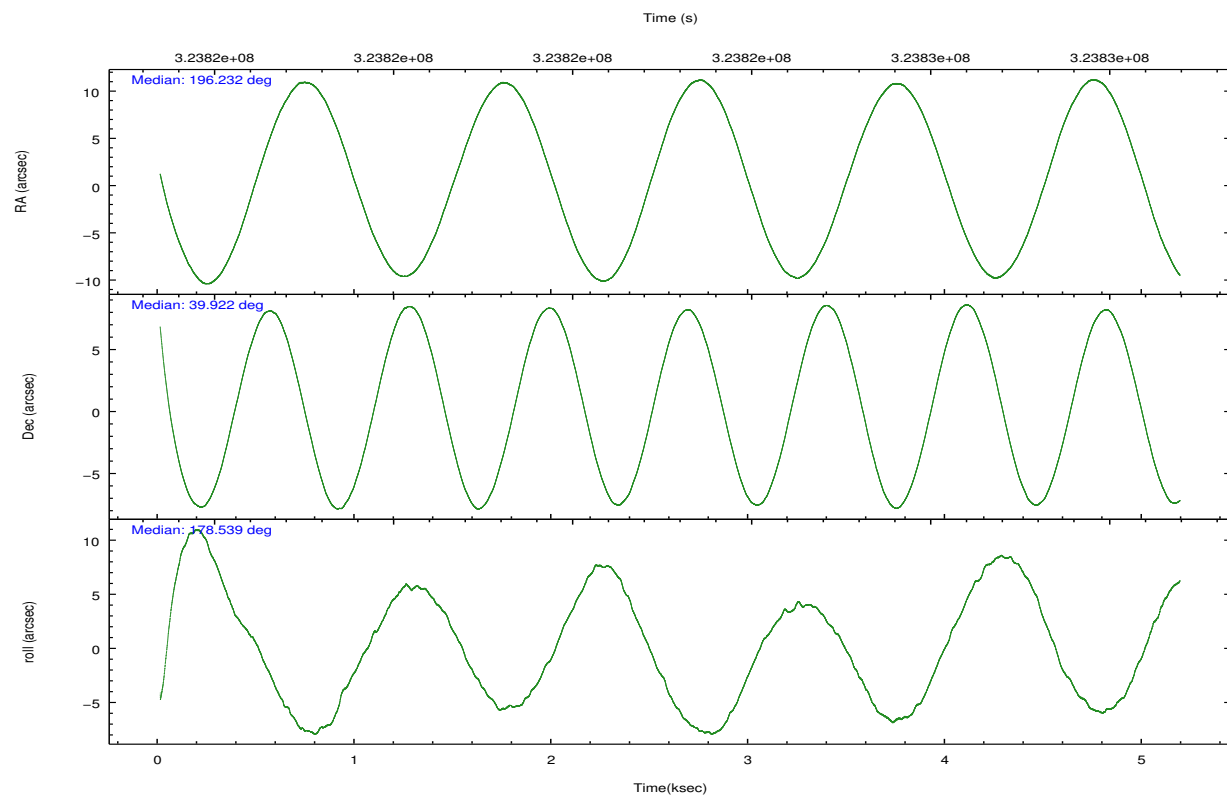
	ccd 7
grade 0 events	521
	5%
grade 1 events	5
	0%
grade 2 events	839
	8%
grade 3 events	597
	5%
grade 4 events	587
	5%
grade 5 events	843
	8%
grade 6 events	2156
	21%
grade 7 events	4421
	44%

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	196.263125	196.2319799238232	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	39.935831	39.92236978676887	Subarray start row	449	449
[deg] Pointing Roll	178.369064	178.5456742394459	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	323822149.184000	323821227.78028			
Observation start date	2008-04-05T22:34:44	2008-04-05T22:20:27			
[s] Observation end time (MET)	323827149.184000	323828013.79311			
Observation end date	2008-04-05T23:58:04	2008-04-06T00:13:33			
Read mode	TIMED	TIMED			

2.3 Aspect



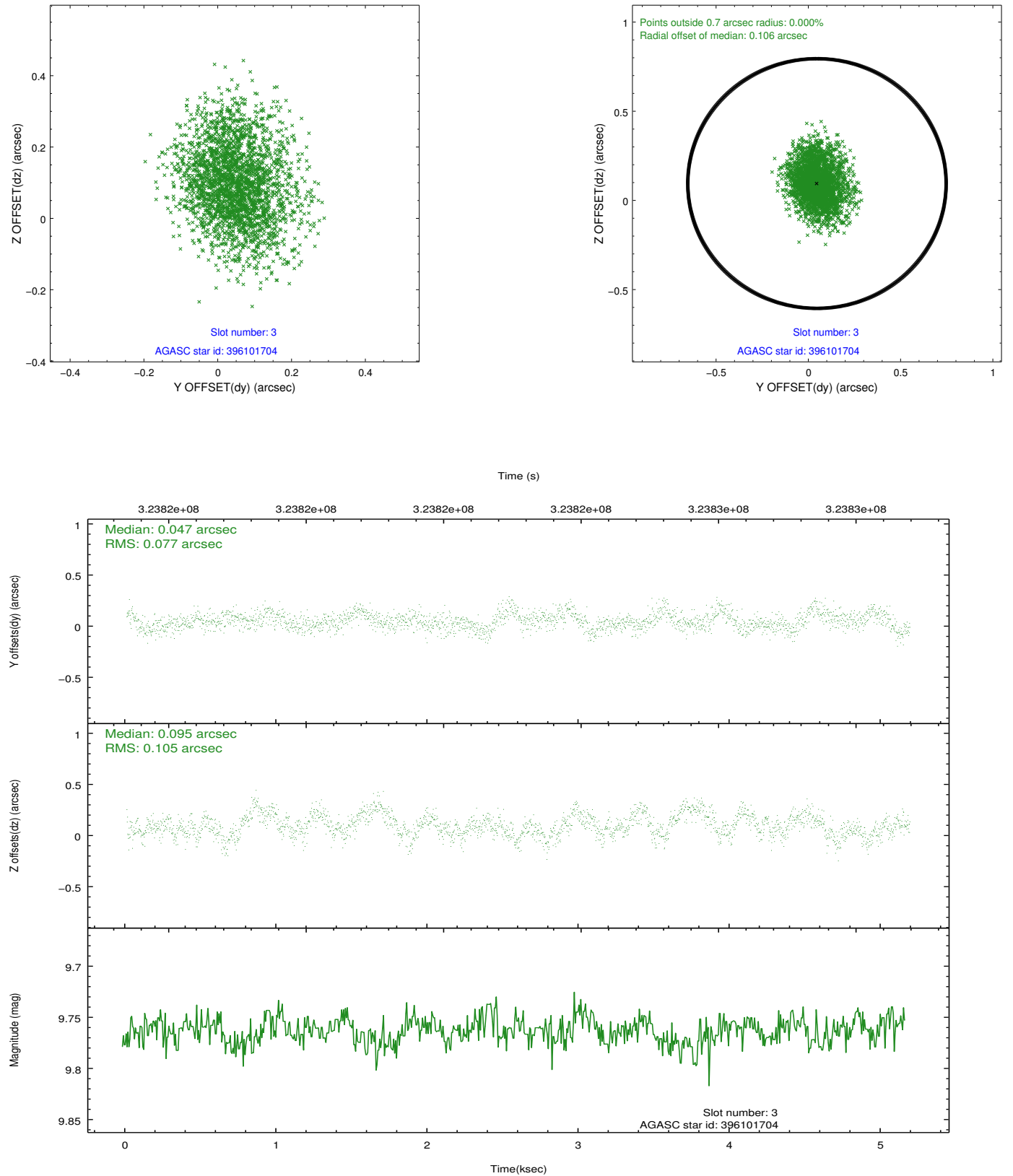


Slot Statistics

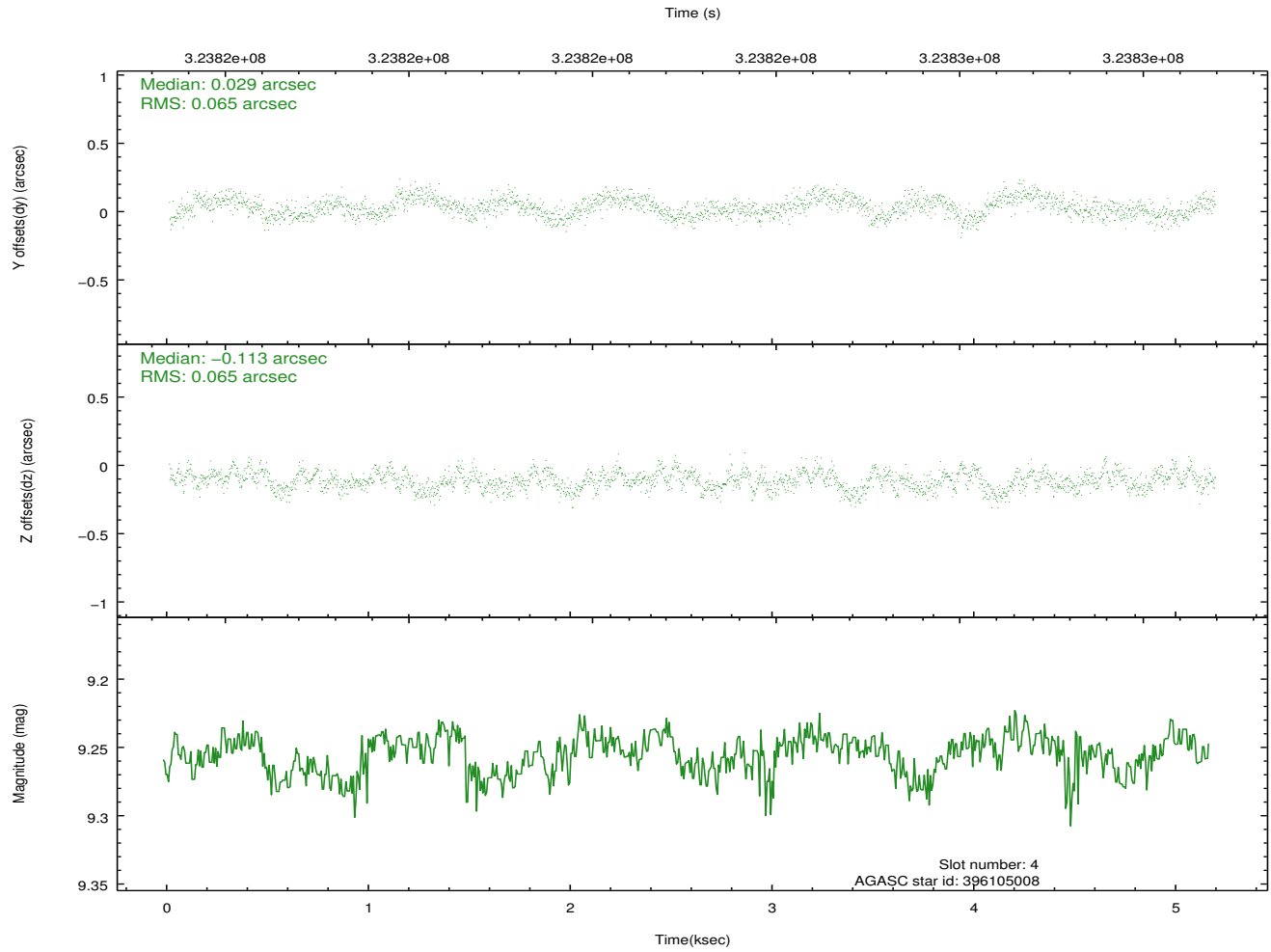
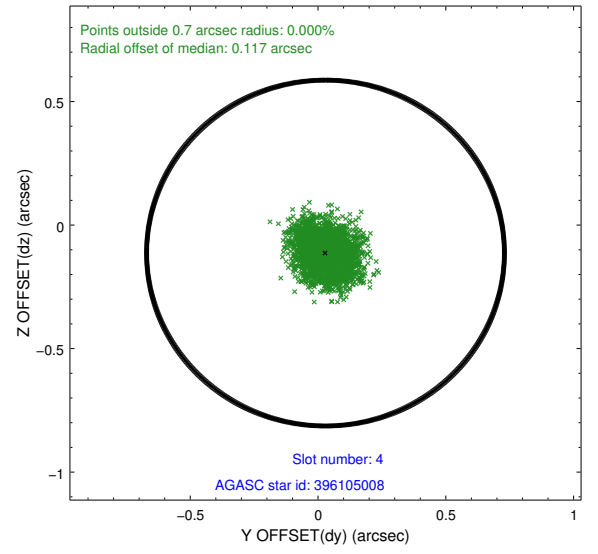
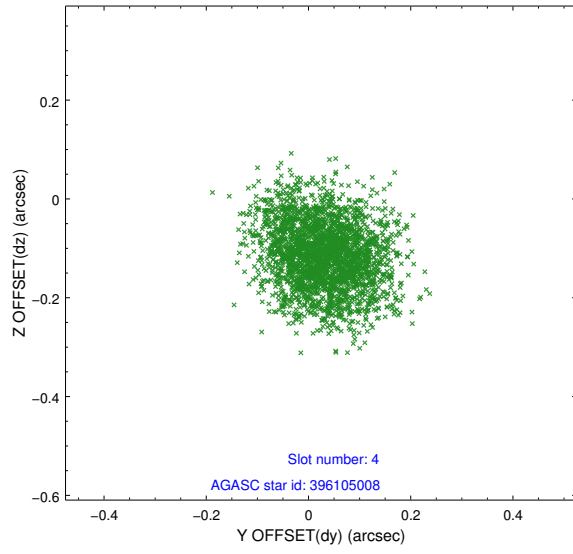
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1264	-0.045	-0.049	0.007	0.012	0.000000	0.000000	-766.45	-1735.27
1	FID	ACIS-S-4	7.18	1264	0.166	0.035	0.006	0.012	0.000000	0.000000	2146.49	172.10
2	FID	ACIS-S-5	7.23	1264	-0.152	0.023	0.006	0.012	0.000000	0.000000	-1817.91	167.07
3	GUIDE	396101704	9.76	2527	0.047	0.095	0.140	0.225	196.091027	40.211501	501.57	-978.58
4	GUIDE	396105008	9.25	2525	0.029	-0.113	0.099	0.157	196.034356	39.857357	624.17	299.27
5	GUIDE	396109984	6.76	2529	-0.205	0.025	0.070	0.106	196.444798	39.604372	-537.32	1177.85
6	GUIDE	396114808	9.59	2526	0.086	-0.061	0.117	0.198	196.836860	39.252141	-1669.14	2410.04
7	GUIDE	396107832	9.55	2528	0.042	0.053	0.100	0.161	197.087297	39.732714	-2301.81	656.22

2.4 Star Slots

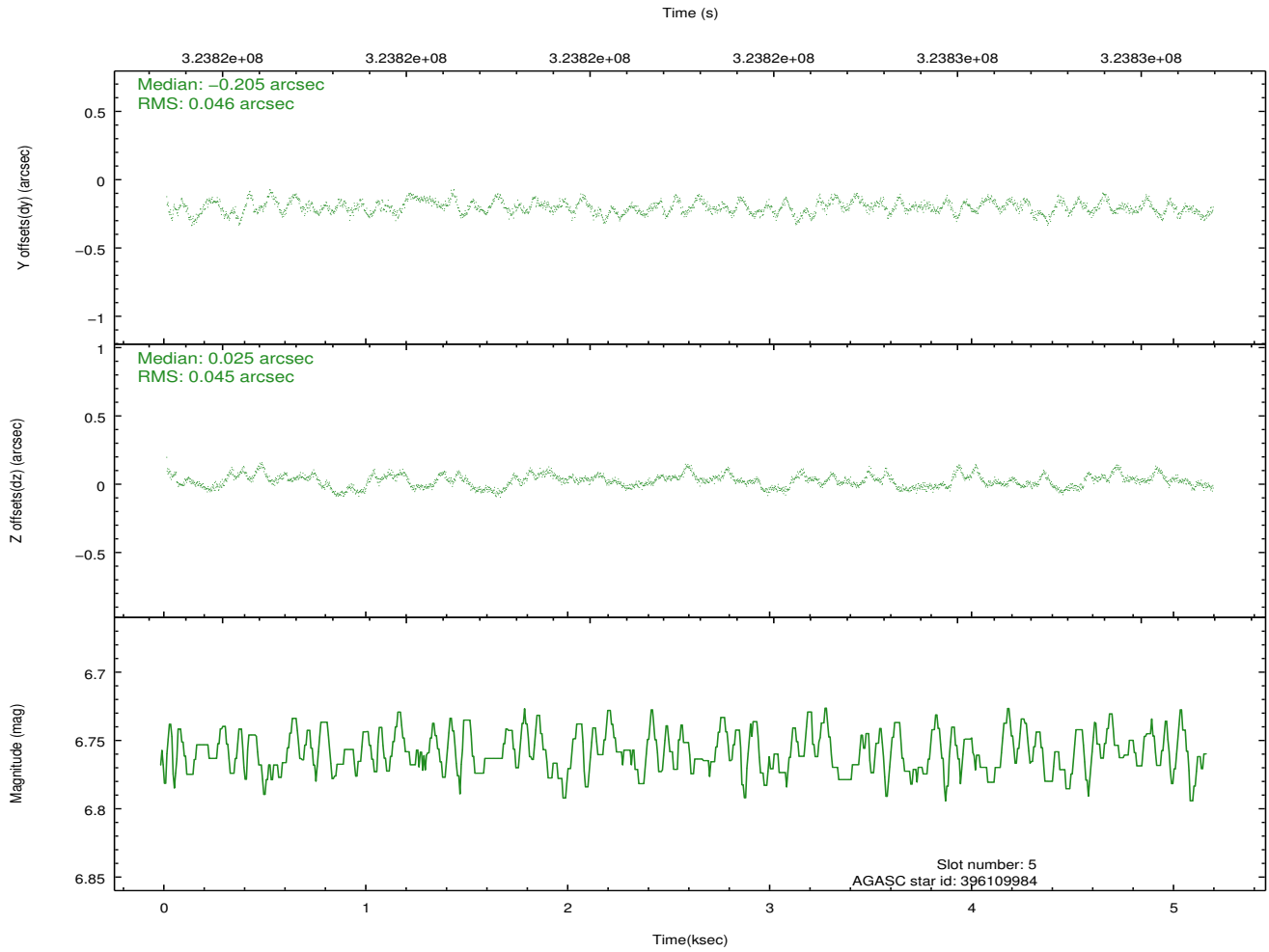
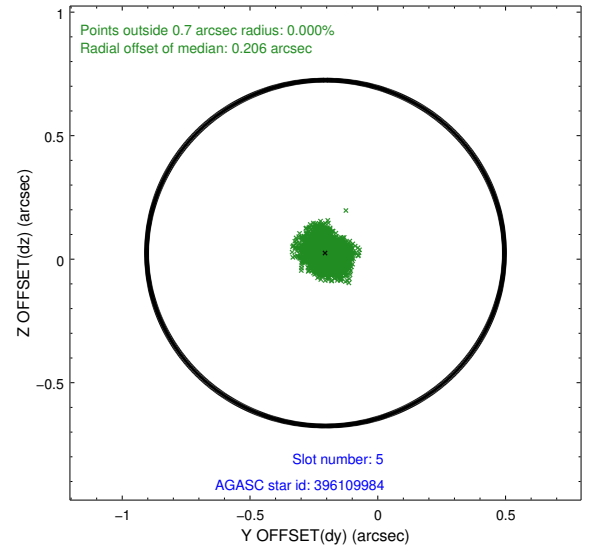
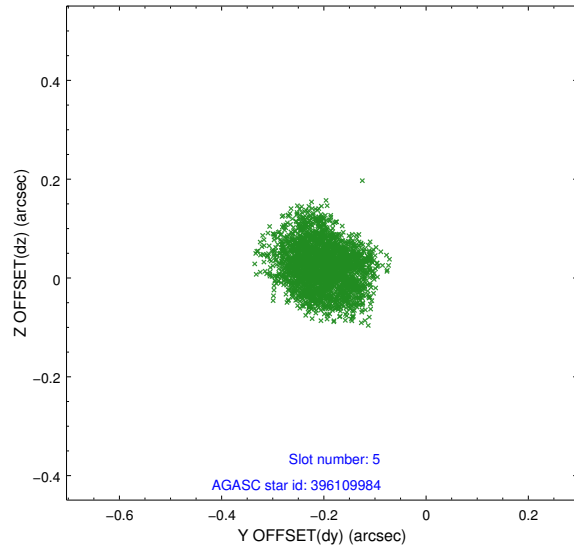
2.4.1 Slot 3



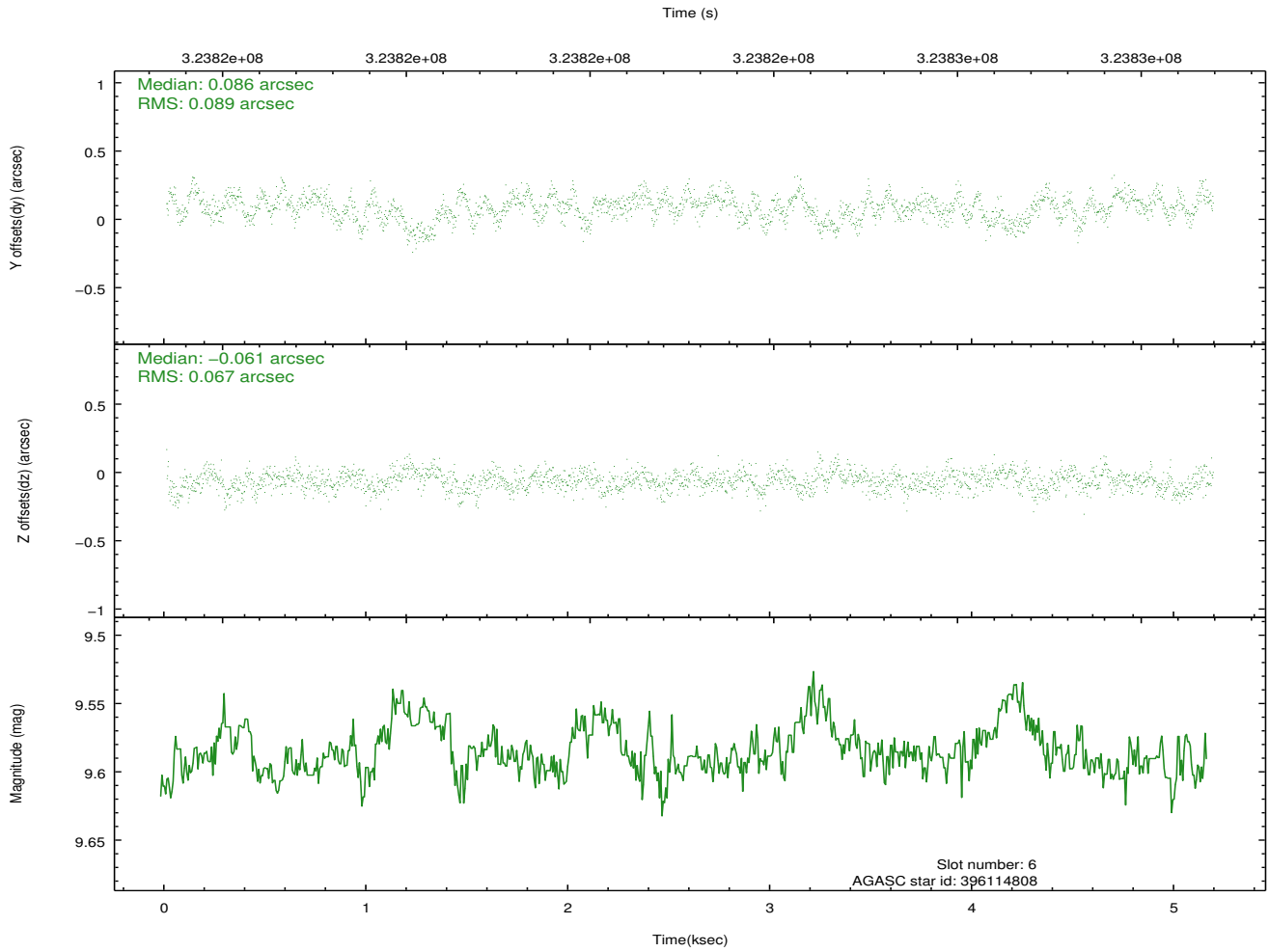
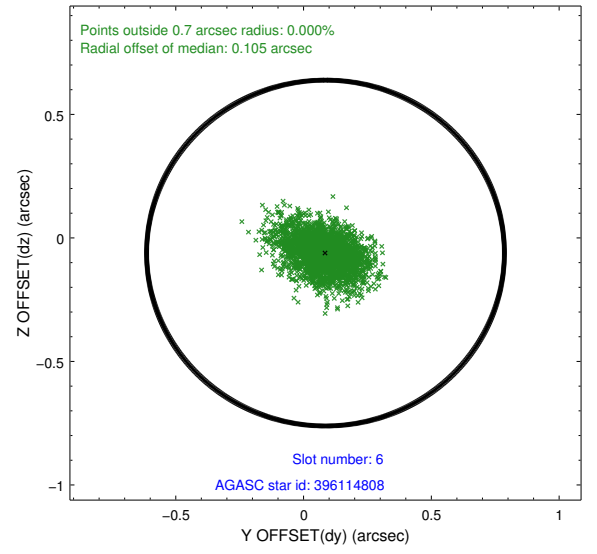
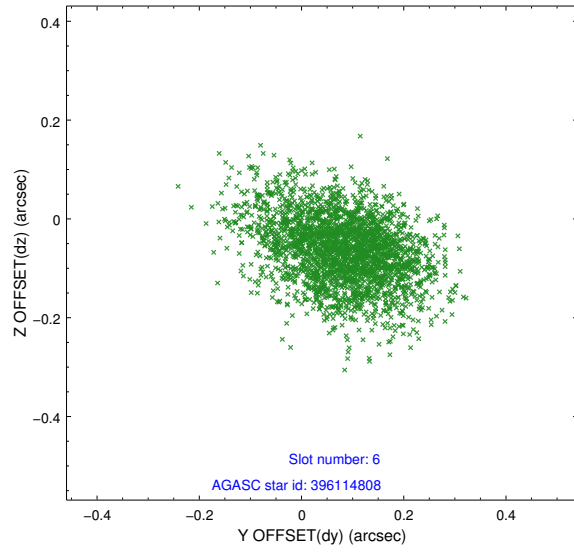
2.4.2 Slot 4



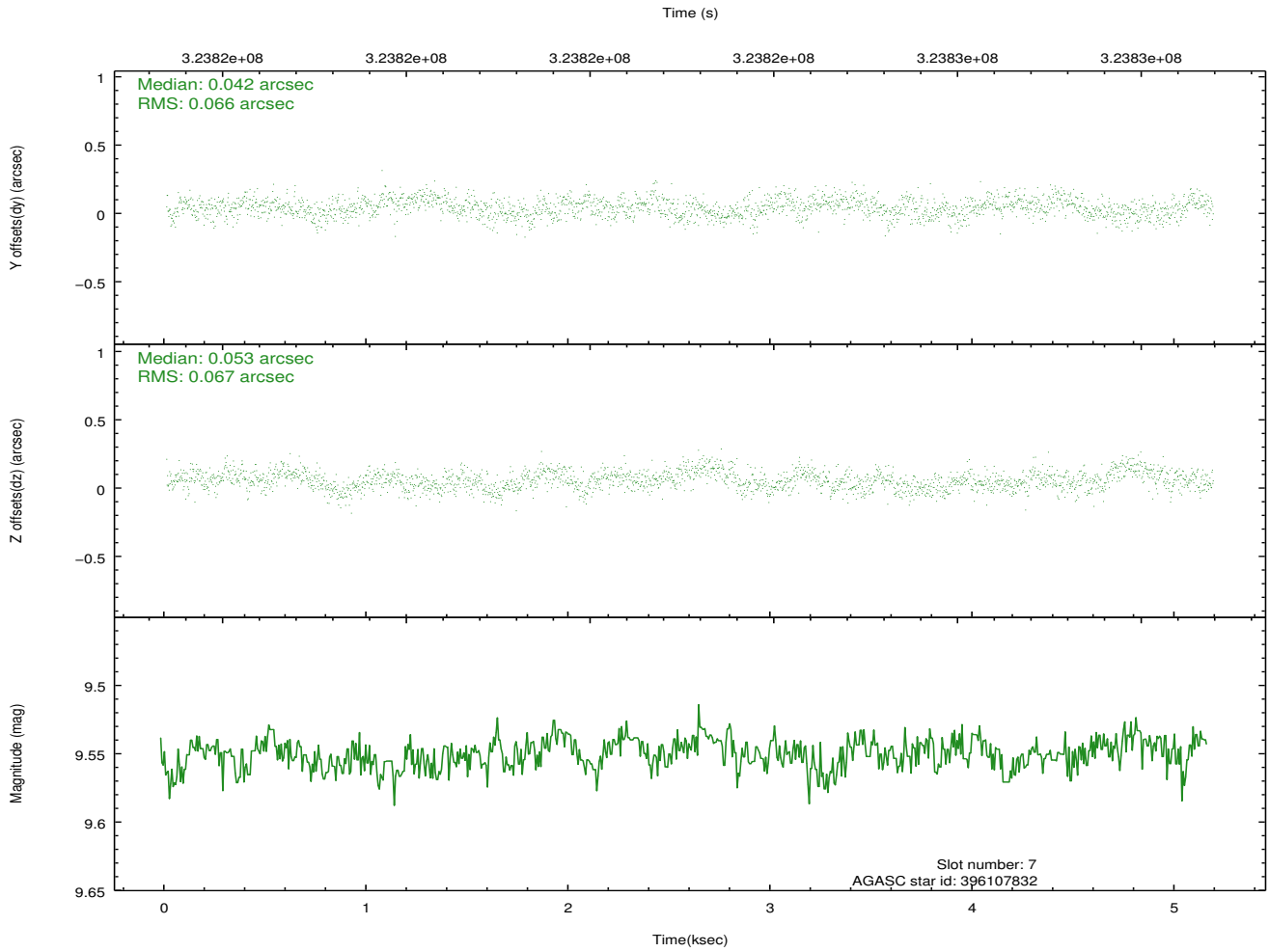
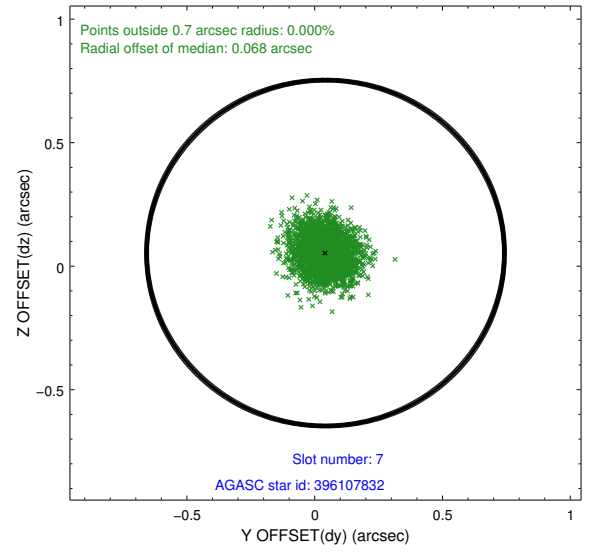
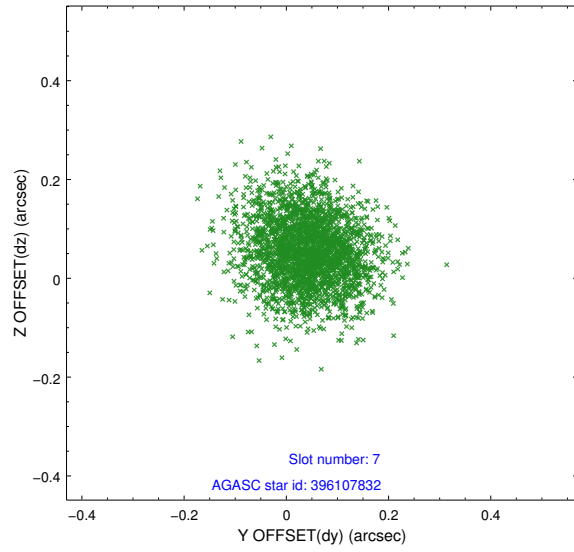
2.4.3 Slot 5



2.4.4 Slot 6

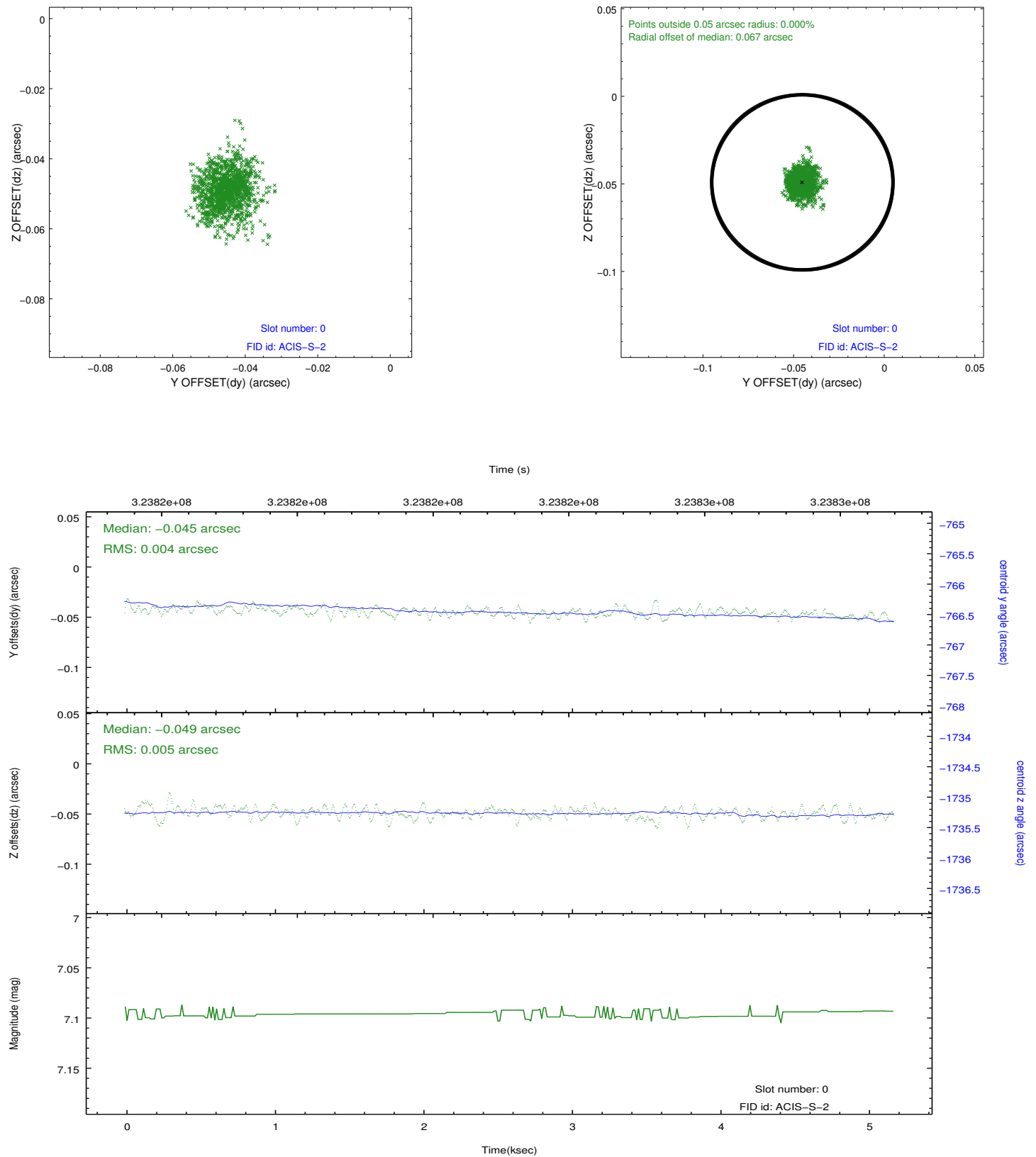


2.4.5 Slot 7

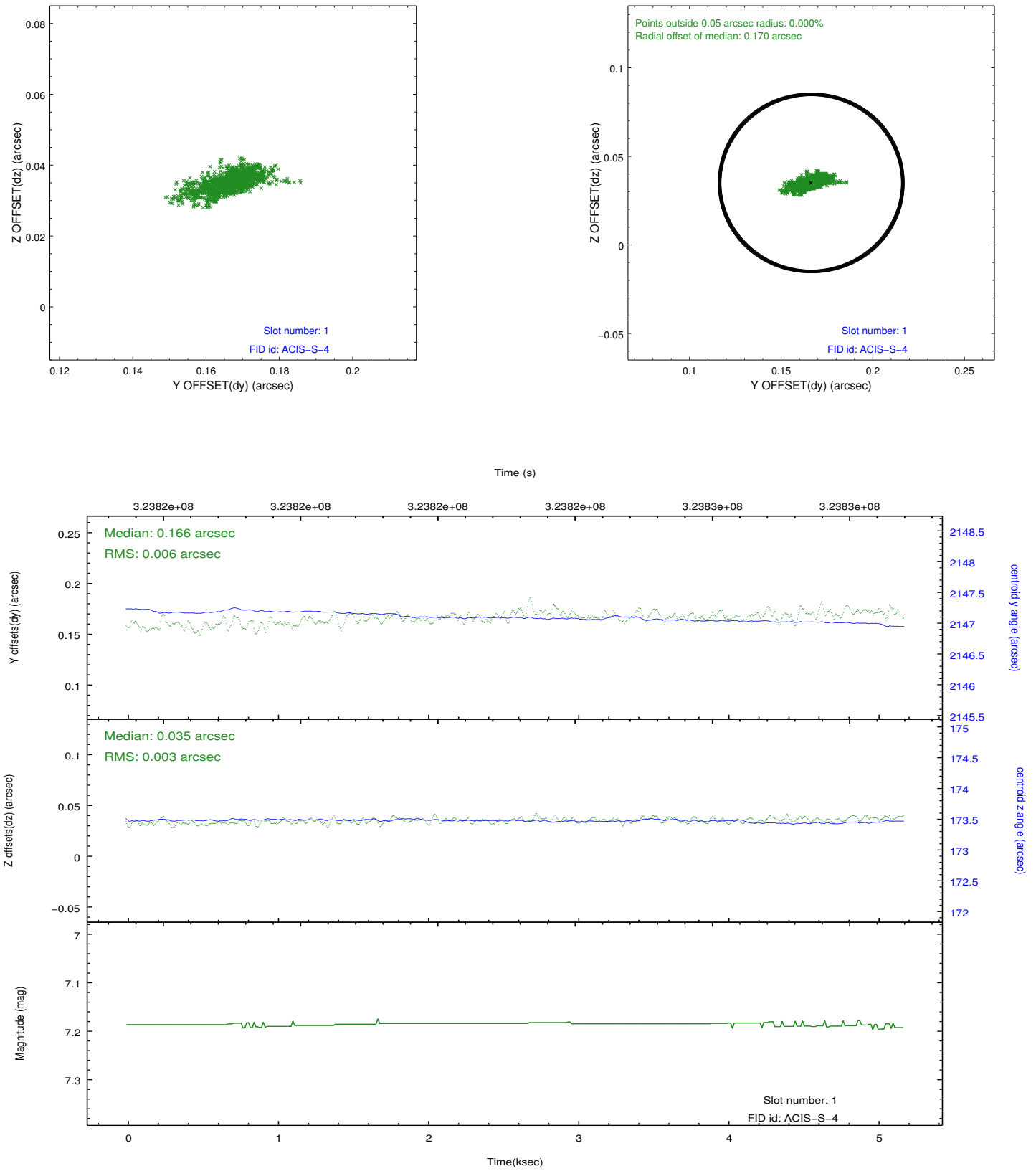


2.5 FID Slots

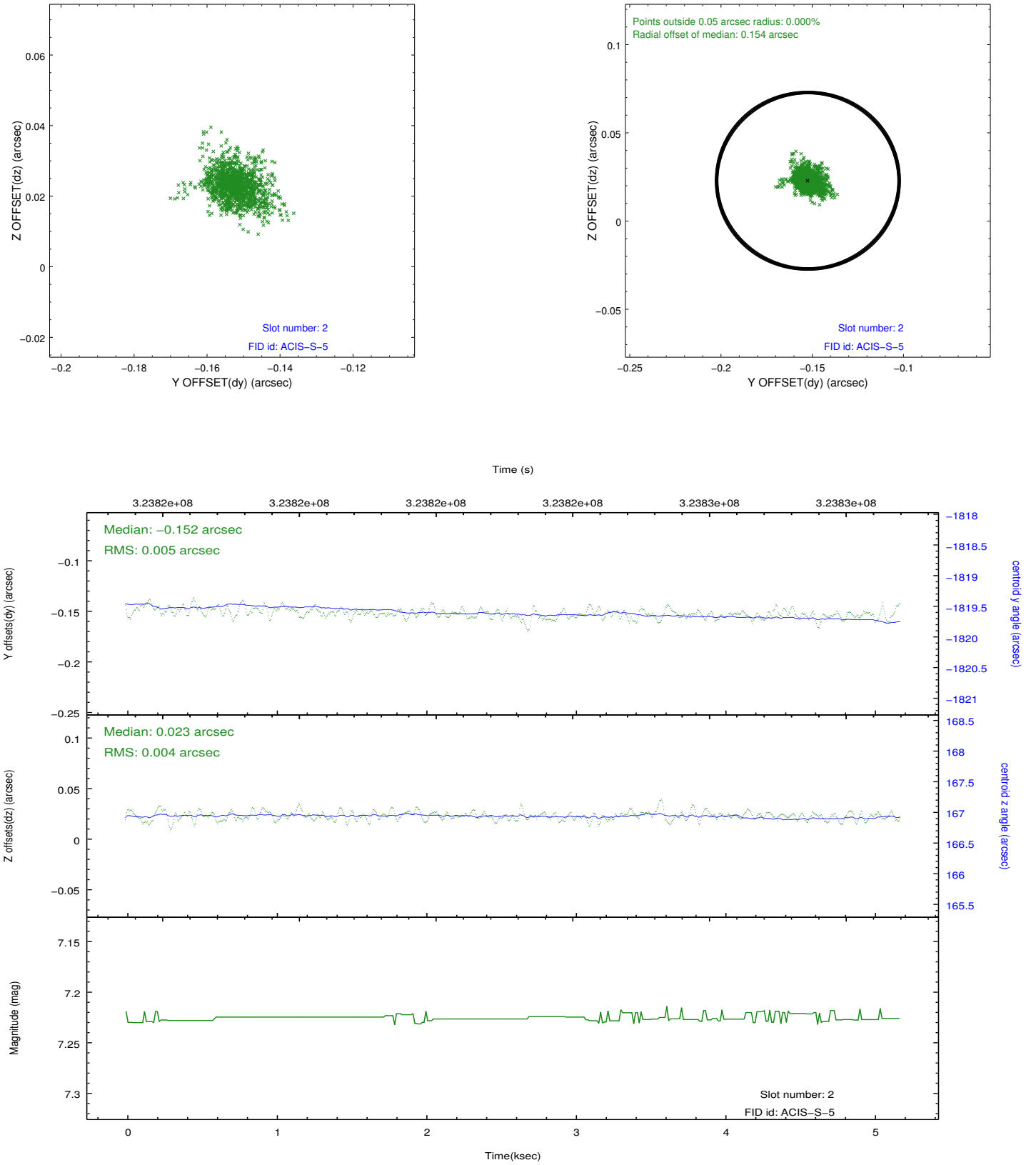
2.5.1 Slot 0



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)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18159969

A.2 Comments