

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9320 - L2 Version 2
Chandra X-Ray Center

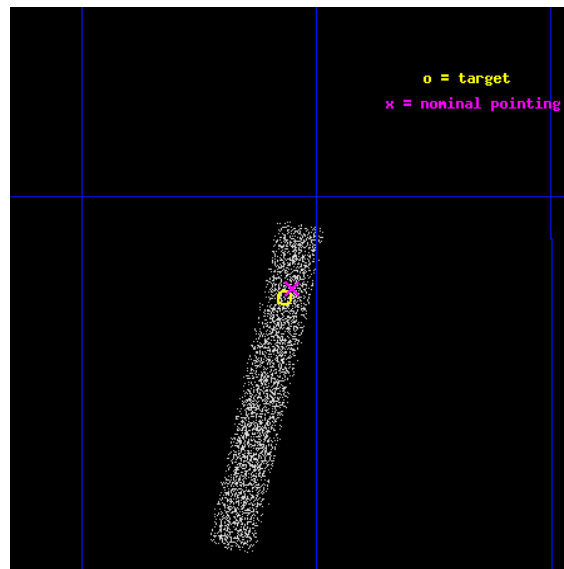
L2 Processing Date : May 8 2012

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1 Front

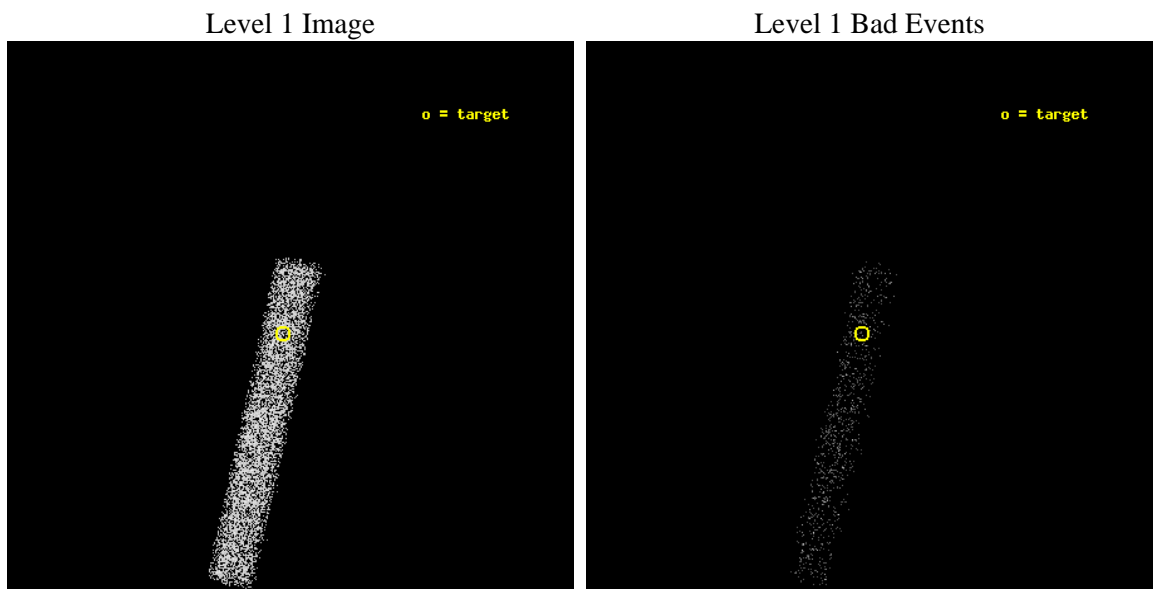
seq_num	701760	Sequence number
obs_id	9320	Observation id
title	X-ray properties of compact CSS quasar with BALs - 1045+352	Propos
observer	Dr Magdalena Kunert-Bajraszewska	Principal investigator
object	1045+352	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	162.1425	Observer's specified target RA [deg]
dec_targ	34.956944	Observer's specified target Dec [deg]
ra_nom	162.1382616839	Nominal RA [deg]
dec_nom	34.960448227403	Nominal Dec [deg]
roll_nom	102.37949657557	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5136.3996938467	Sum of GTIs [s]
livetime	4658.443400913	Livetime [s]
ontime7	5136.3996938467	Sum of GTIs [s]
l2events	3953	Number of level 2 events



2 OBI

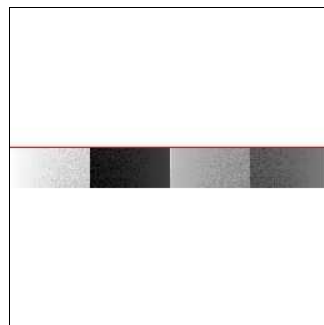
2.1 OBI

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	5136.3996938467	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5136.3996938467	Sum of GTIs [s]
date	2012-05-08T14:14:37	Date and time of file creation	l1events	10566	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

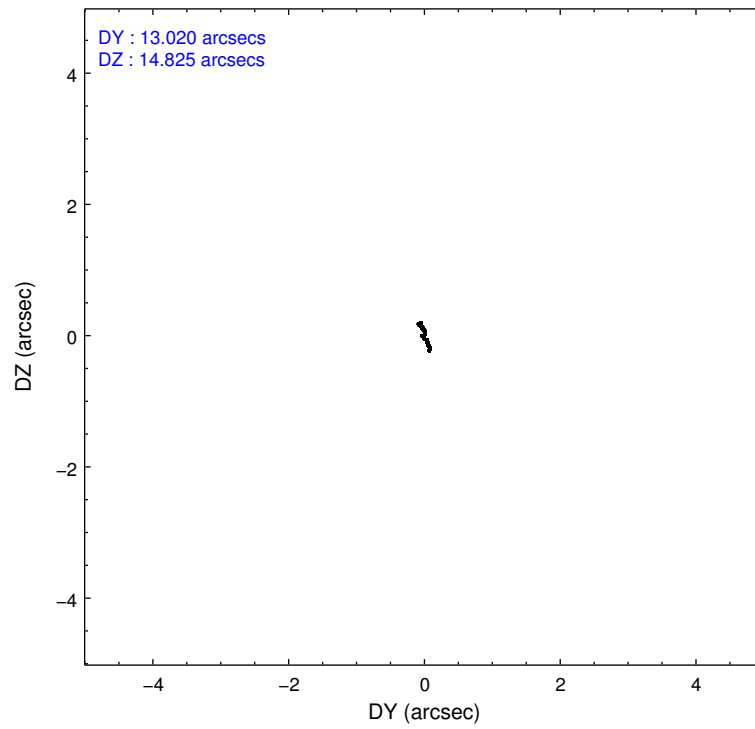
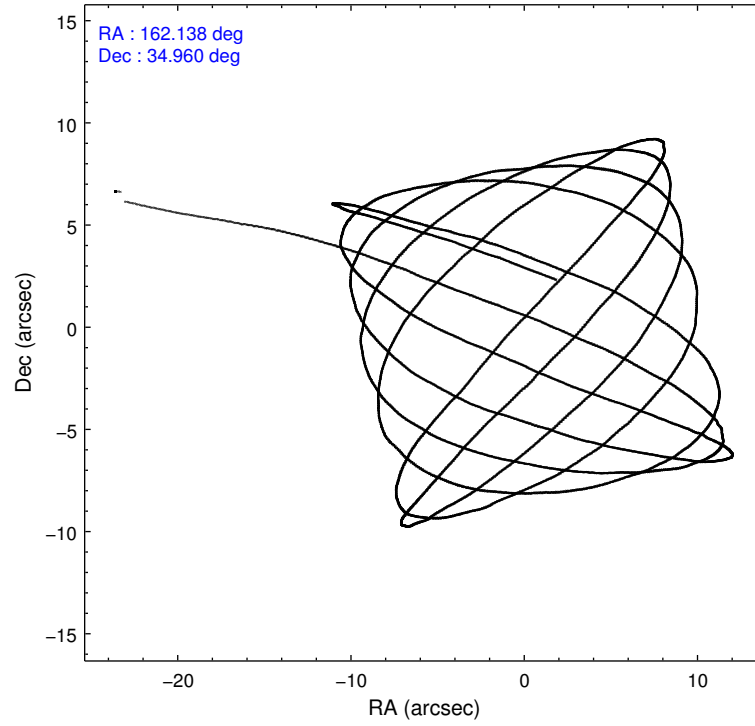
	ccd 7
level 1 events	10566
rejected events	6460
rejected %	61%

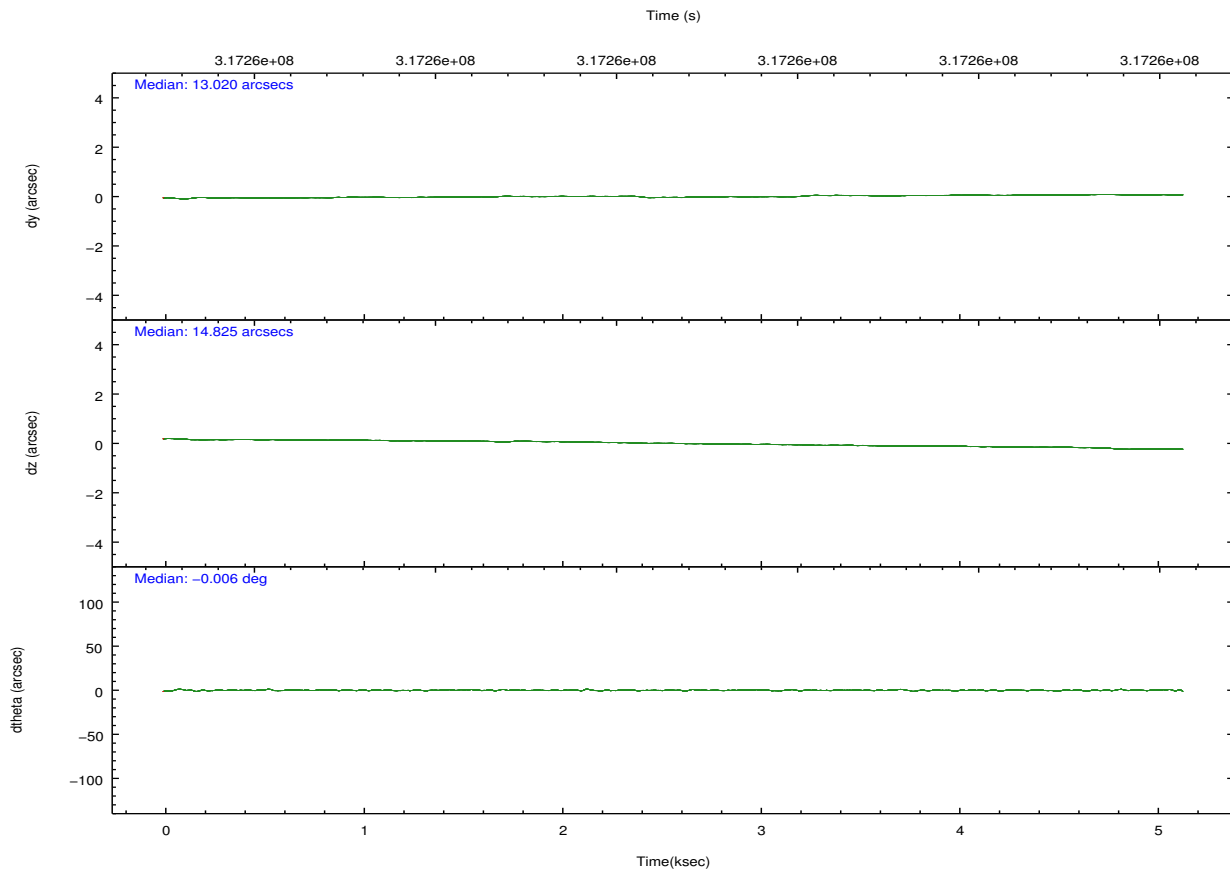
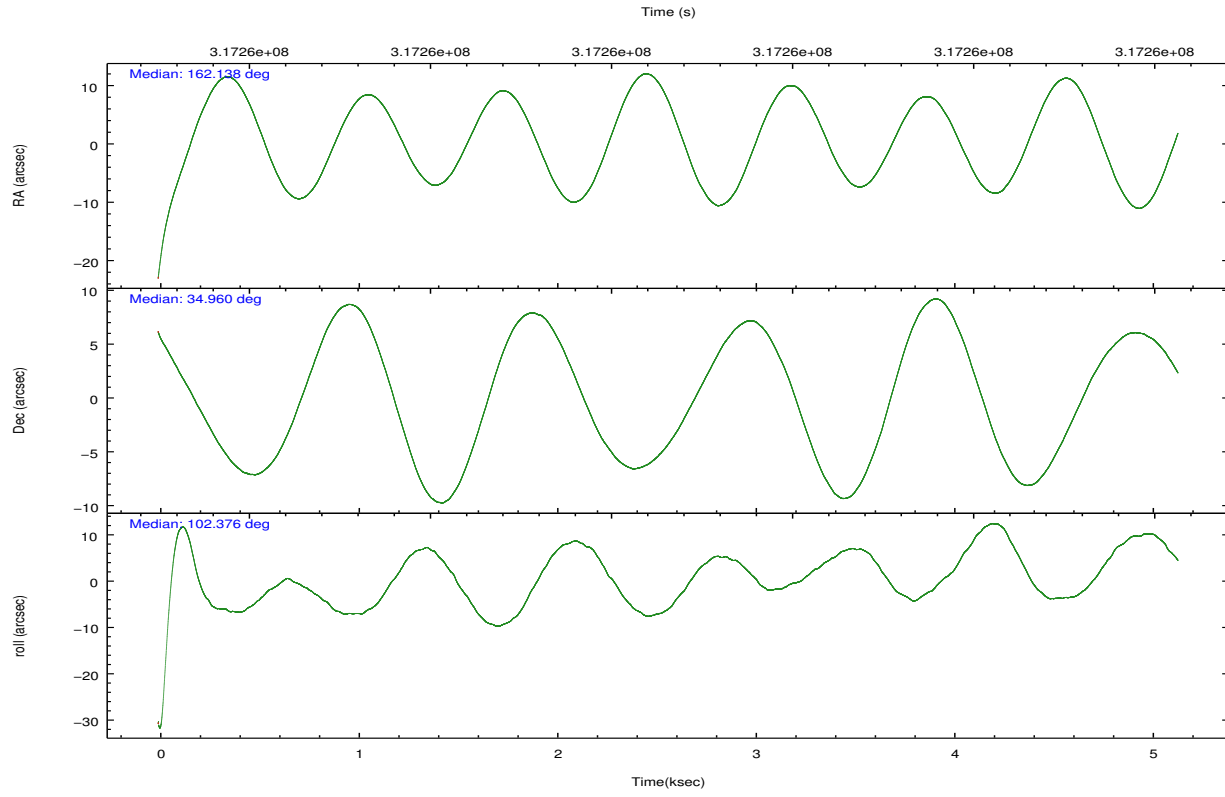
	ccd 7
grade 0 events	451
	4%
grade 1 events	6
	0%
grade 2 events	944
	8%
grade 3 events	623
	5%
grade 4 events	591
	5%
grade 5 events	998
	9%
grade 6 events	2270
	21%
grade 7 events	4683
	44%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	162.161201	162.1382616838972	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	34.940488	34.96044822740305	Subarray start row	449	449
[deg] Pointing Roll	102.209870	102.3794965755679	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)	317254877.184000	317253737.27374			
Observation start date	2008-01-20T22:20:12	2008-01-20T22:02:17			
[s] Observation end time (MET)	317259877.184000	317260359.28657			
Observation end date	2008-01-20T23:43:32	2008-01-20T23:52:39			
Read mode	TIMED	TIMED			

2.3 Aspect



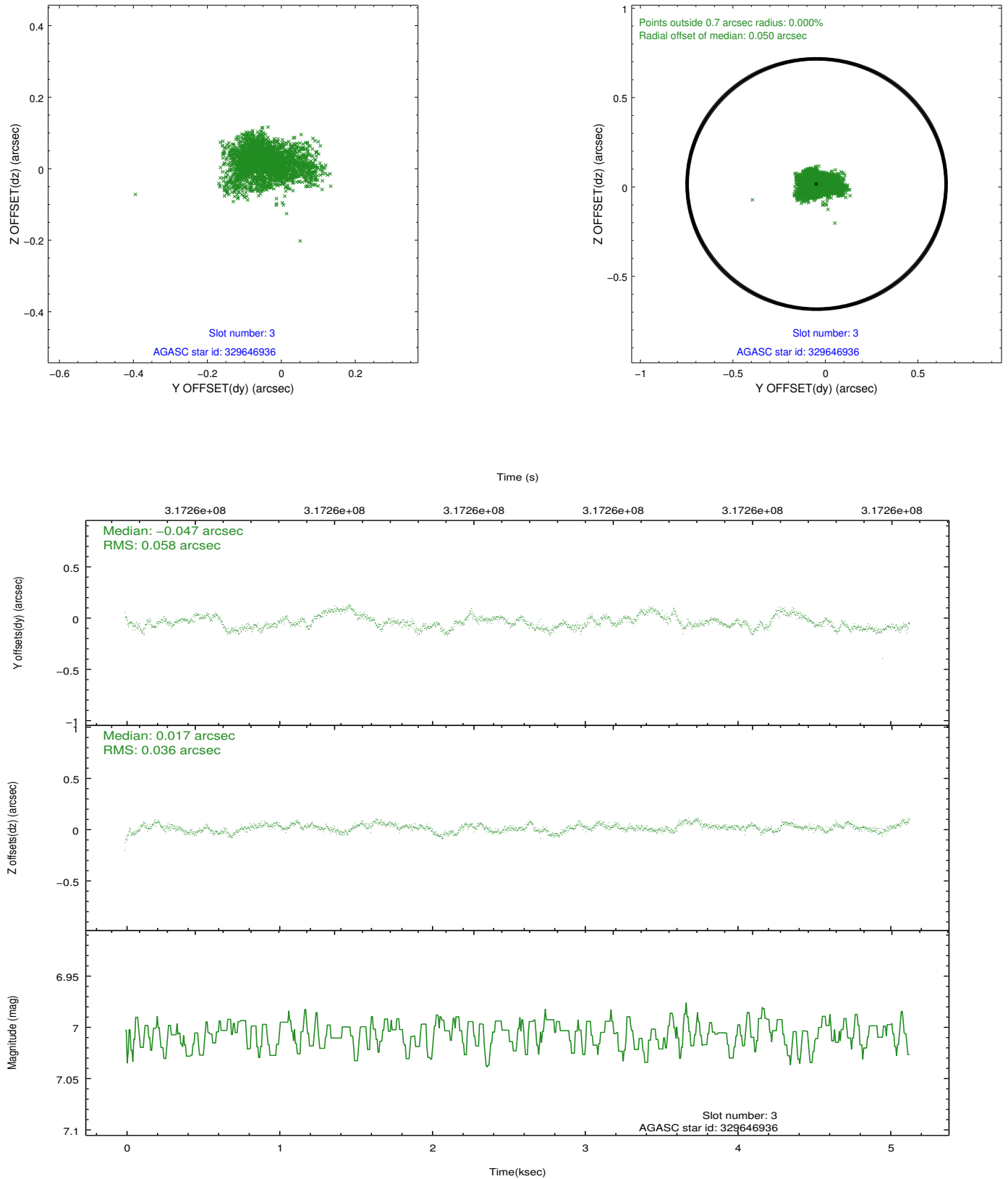


Slot Statistics

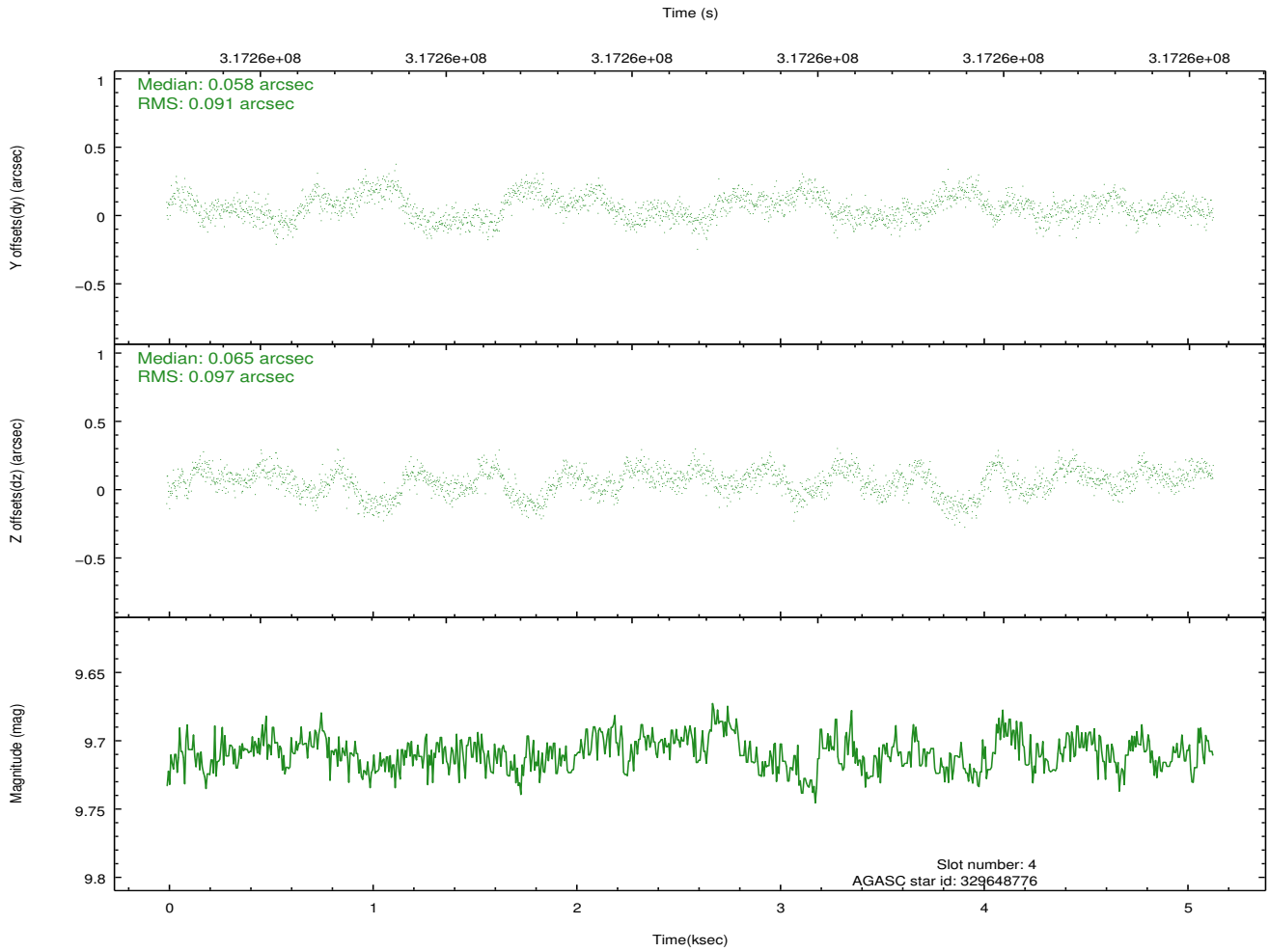
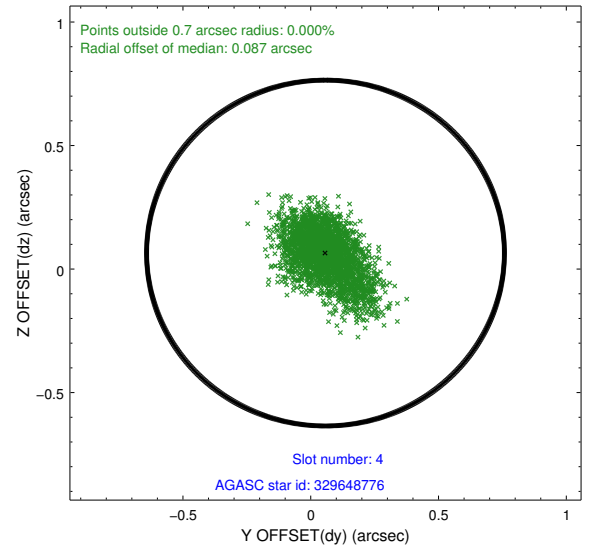
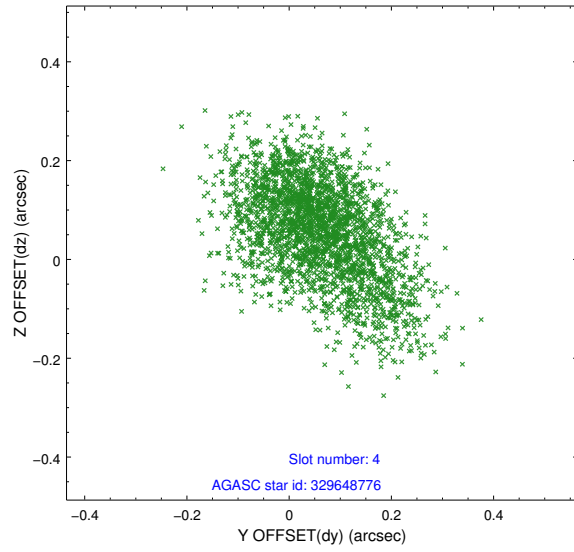
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1254	0.078	-0.058	0.008	0.012	0.000000	0.000000	930.20	-1731.87
1	FID	ACIS-S-5	7.23	1254	-0.137	0.048	0.006	0.011	0.000000	0.000000	-1818.38	164.53
2	FID	ACIS-S-6	7.32	1254	0.038	0.022	0.008	0.014	0.000000	0.000000	394.40	809.84
3	GUIDE	329646936	7.01	2507	-0.047	0.017	0.070	0.125	161.684378	34.731236	-434.81	1537.24
4	GUIDE	329648776	9.71	2504	0.058	0.065	0.139	0.236	161.936515	34.634892	-934.13	883.24
5	GUIDE	329649880	9.90	2502	-0.001	-0.084	0.143	0.227	161.633956	34.912114	232.55	1542.08
6	GUIDE	330039888	9.98	2507	-0.041	-0.038	0.124	0.200	161.286299	35.275938	1735.08	2255.90
7	GUIDE	330449776	10.20	2493	0.024	0.041	0.202	0.311	162.192077	35.148253	712.51	-246.19

2.4 Star Slots

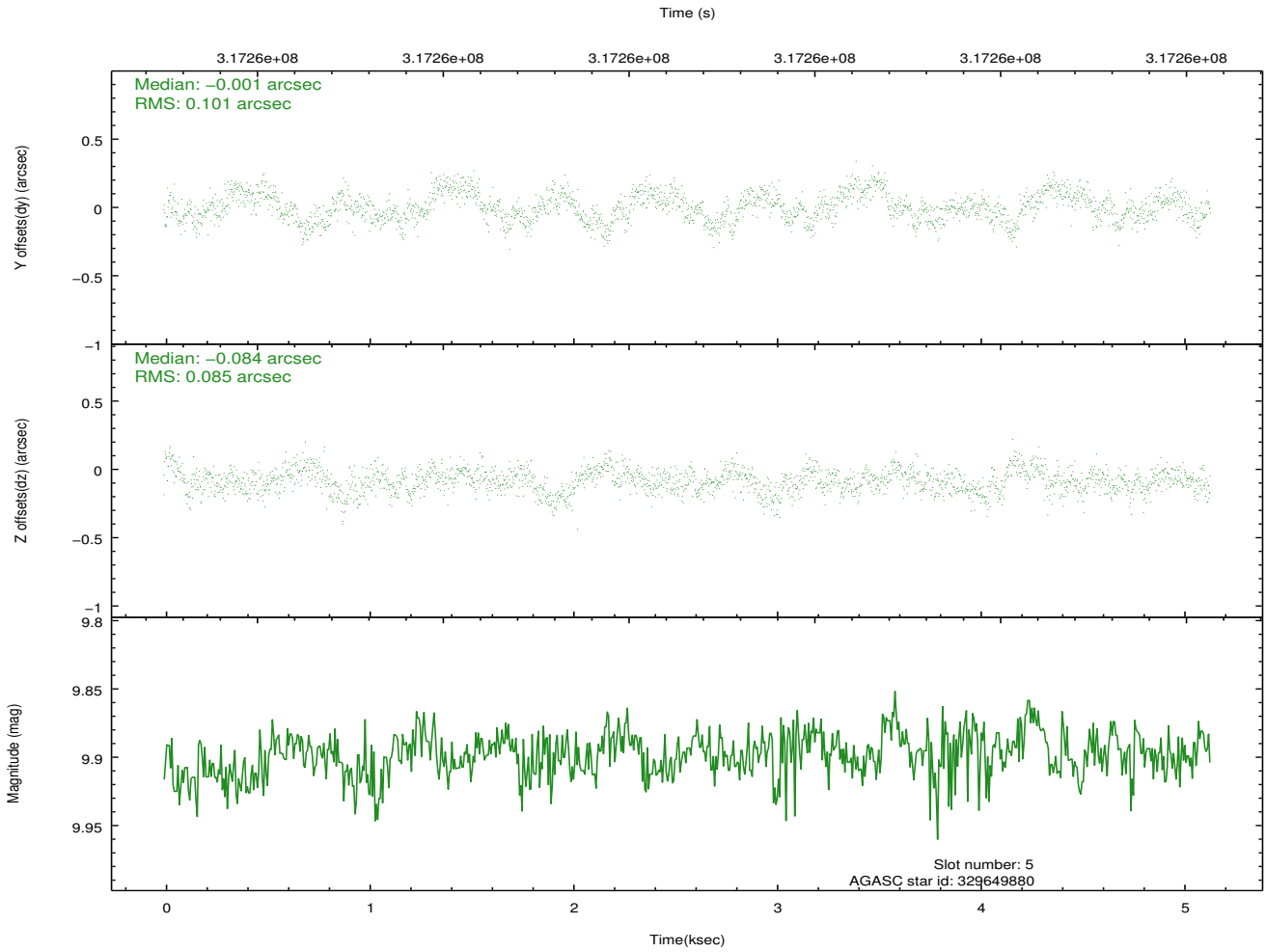
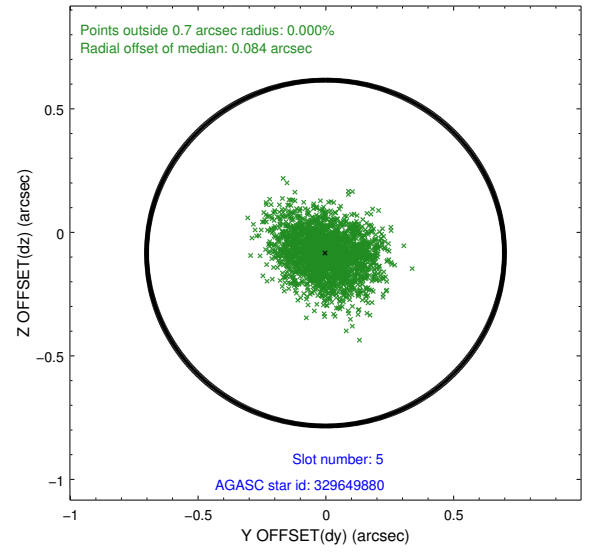
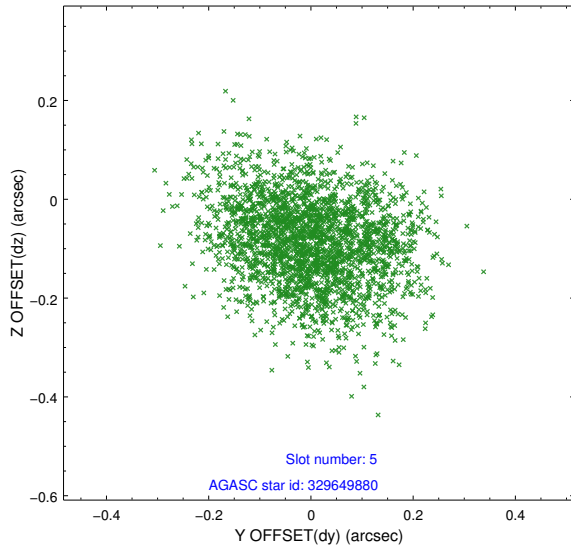
2.4.1 Slot 3



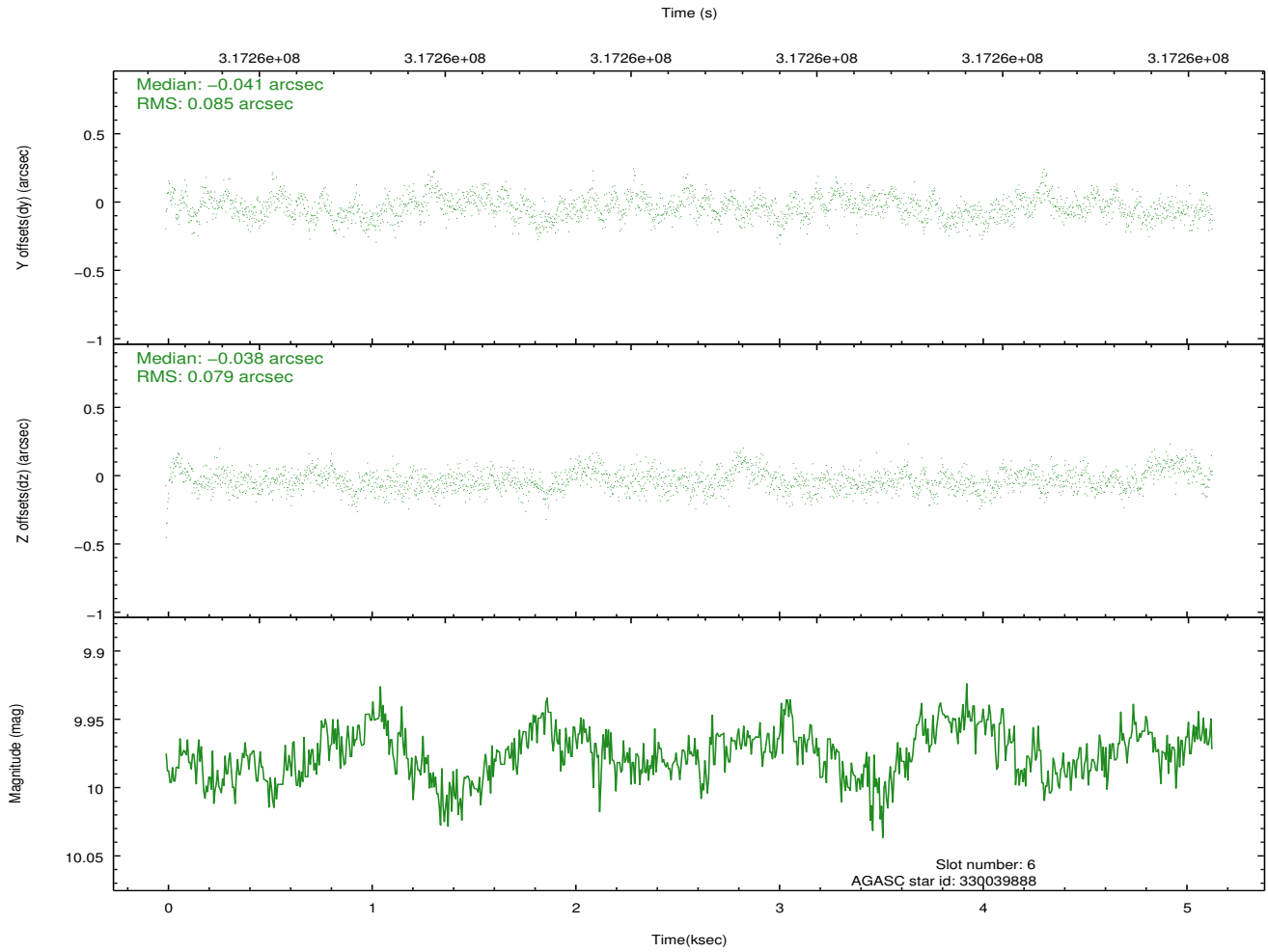
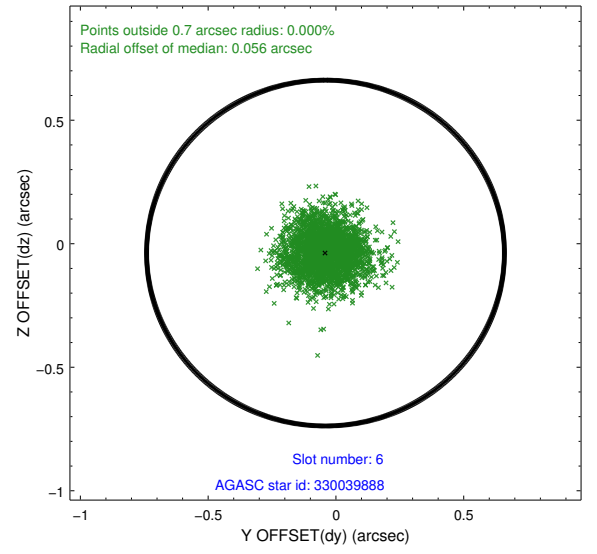
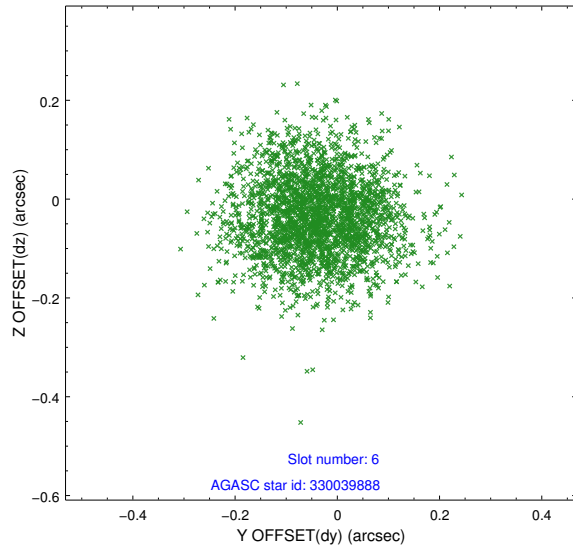
2.4.2 Slot 4



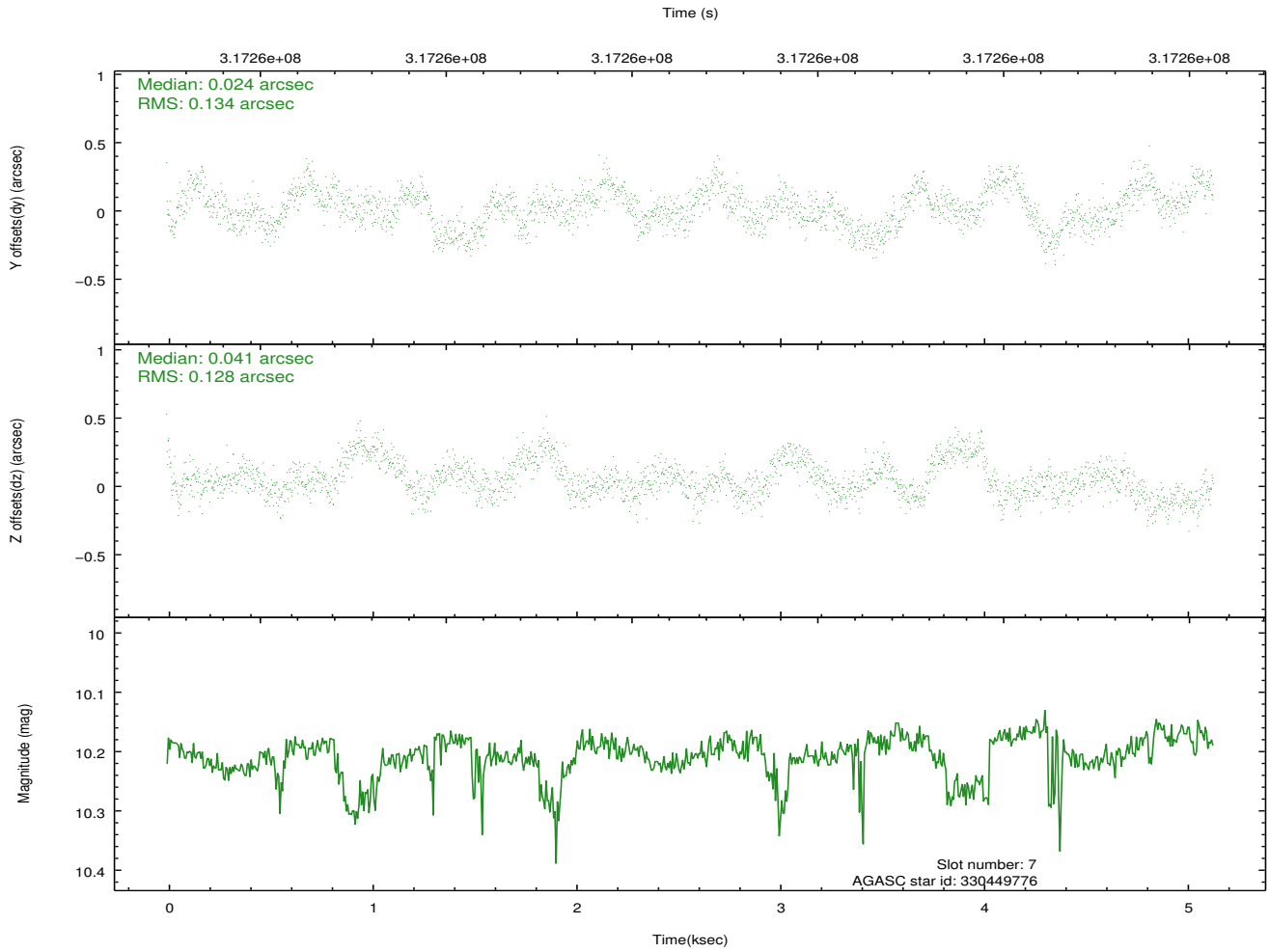
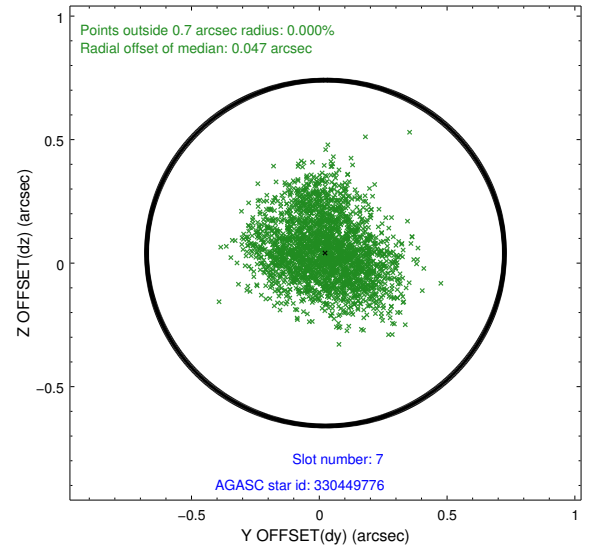
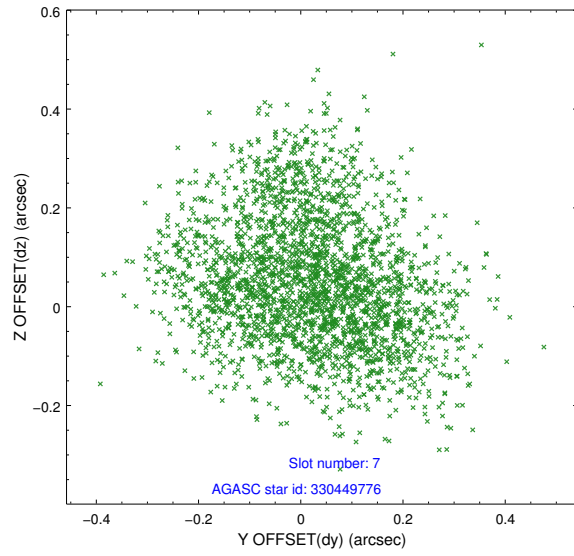
2.4.3 Slot 5



2.4.4 Slot 6

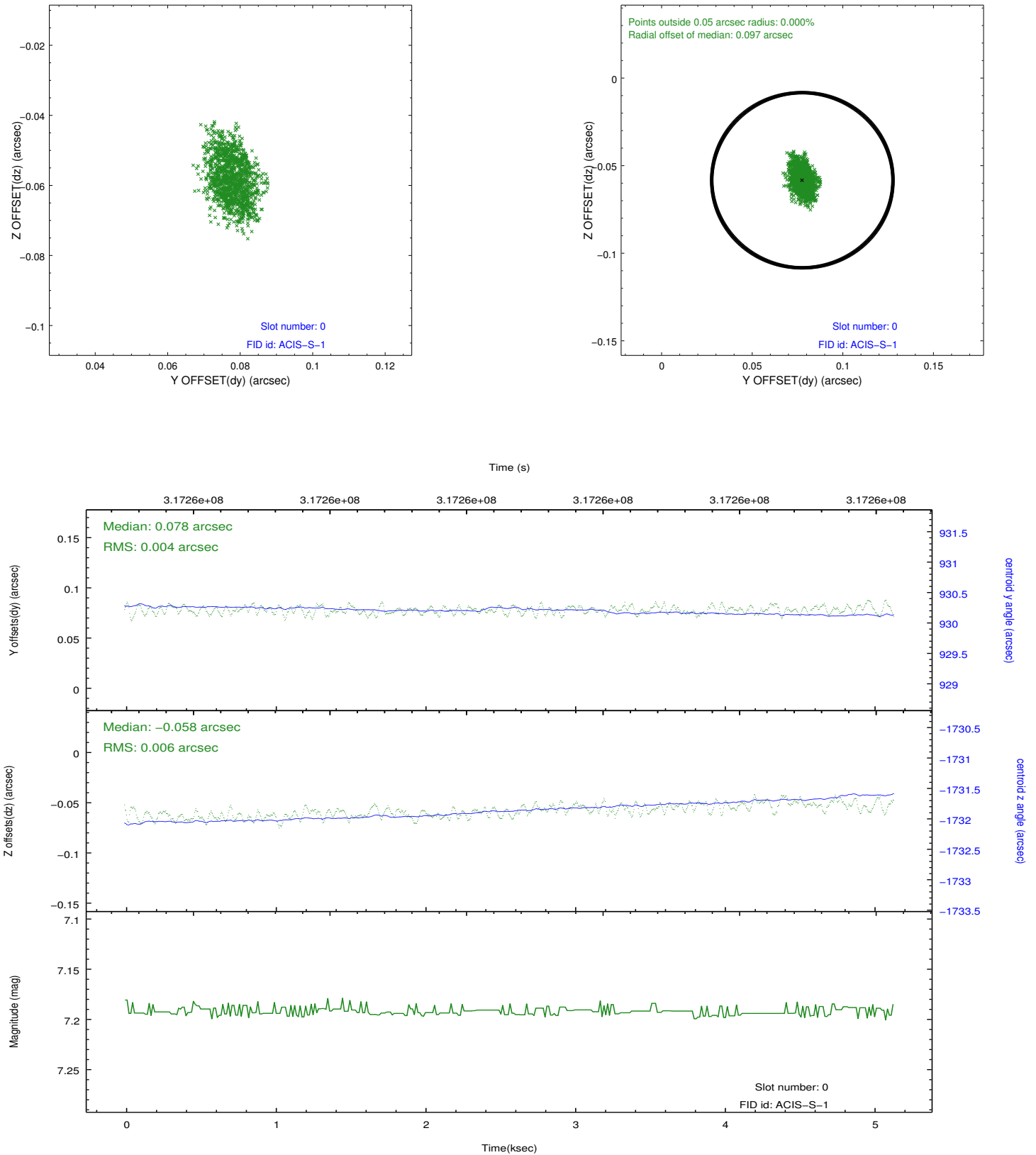


2.4.5 Slot 7

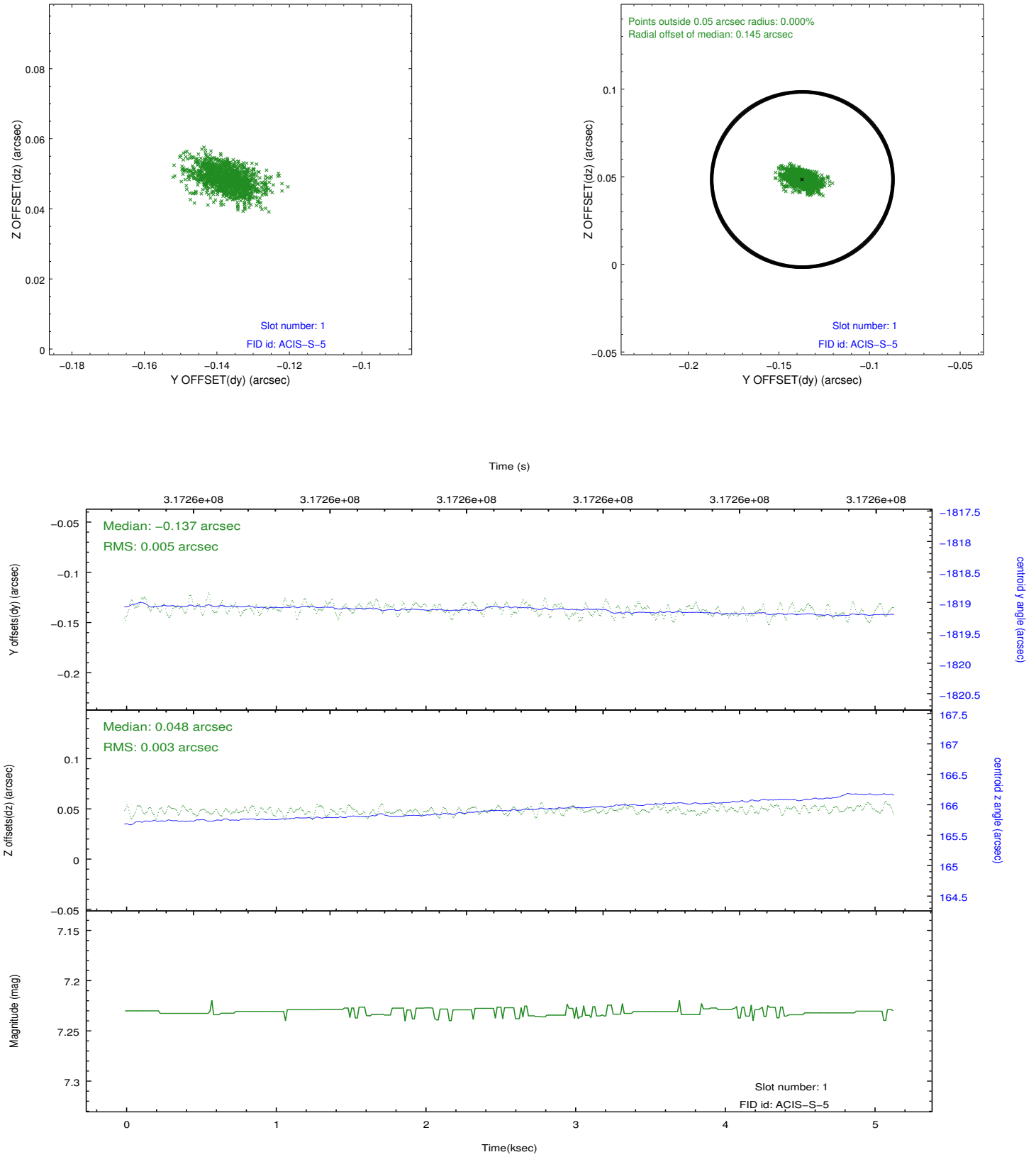


2.5 FID Slots

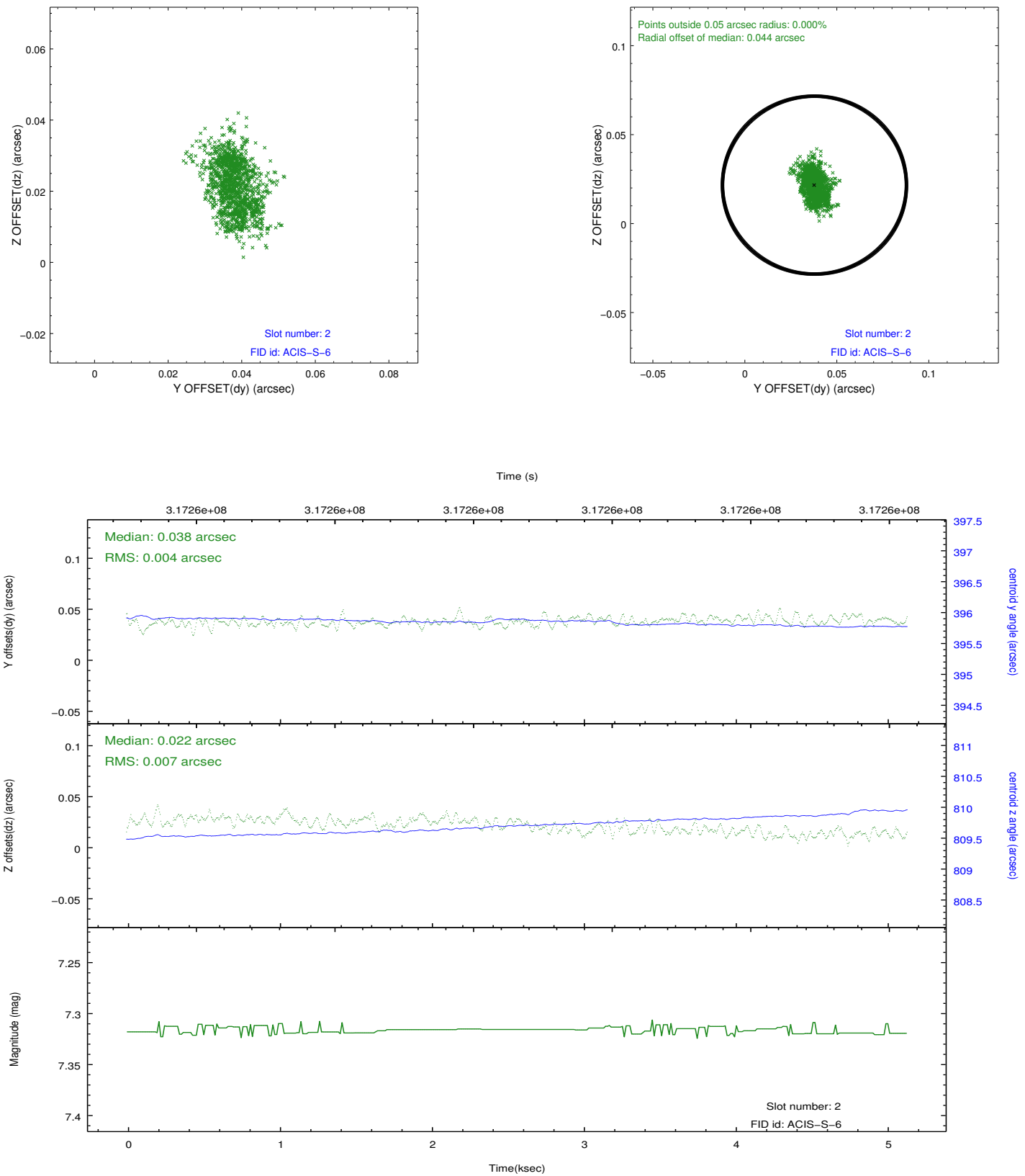
2.5.1 Slot 0



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)	2012.05.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.13639969

A.2 Comments