

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3517 - L2 Version 3
Chandra X-Ray Center

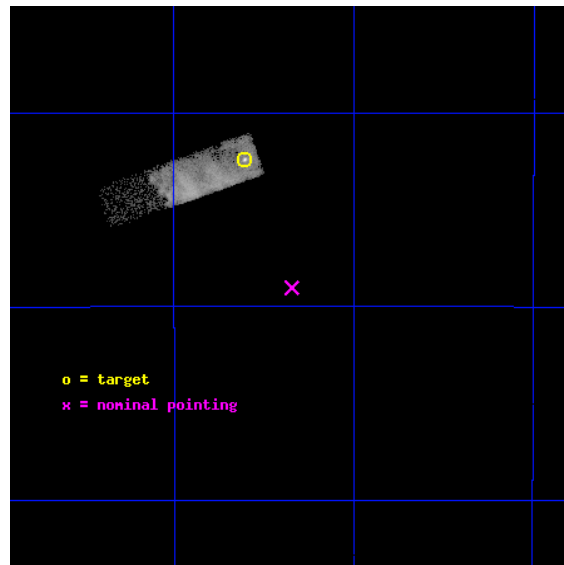
L2 Processing Date : Nov 4 2012

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1 Front

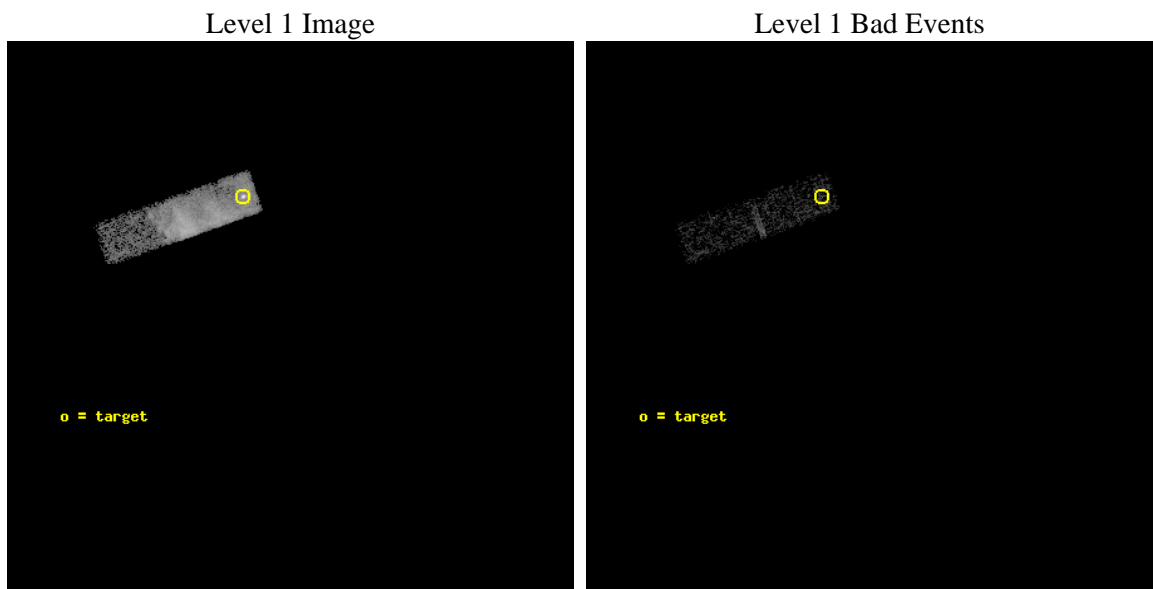
seq_num	500305	Sequence number
obs_id	3517	Observation id
title	OBSERVATION OF SNR RCW103	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	RCW103	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.40125	Observer's specified target RA [deg]
dec_targ	-51.040278	Observer's specified target Dec [deg]
ra_nom	244.33600336831	Nominal RA [deg]
dec_nom	-51.15061916589	Nominal Dec [deg]
roll_nom	250.70754993093	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5401.6000804901	Sum of GTIs [s]
livetime	5138.0196713499	Livetime [s]
ontime3	5401.6000804901	Sum of GTIs [s]
l2events	27817	Number of level 2 events



2 OBI

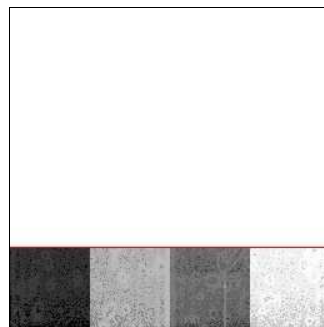
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5401.6000804901	Sum of GTIs [s]
caldsver	4.5.2	 	ontime3	5401.6000804901	Sum of GTIs [s]
date	2012-11-04T10:49:46	Date and time of file creation	l1events	39030	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

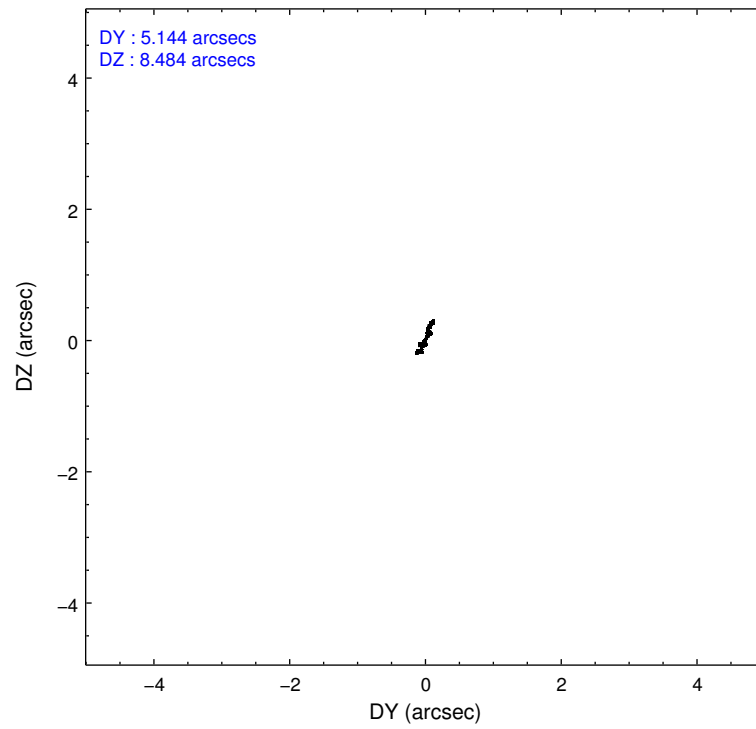
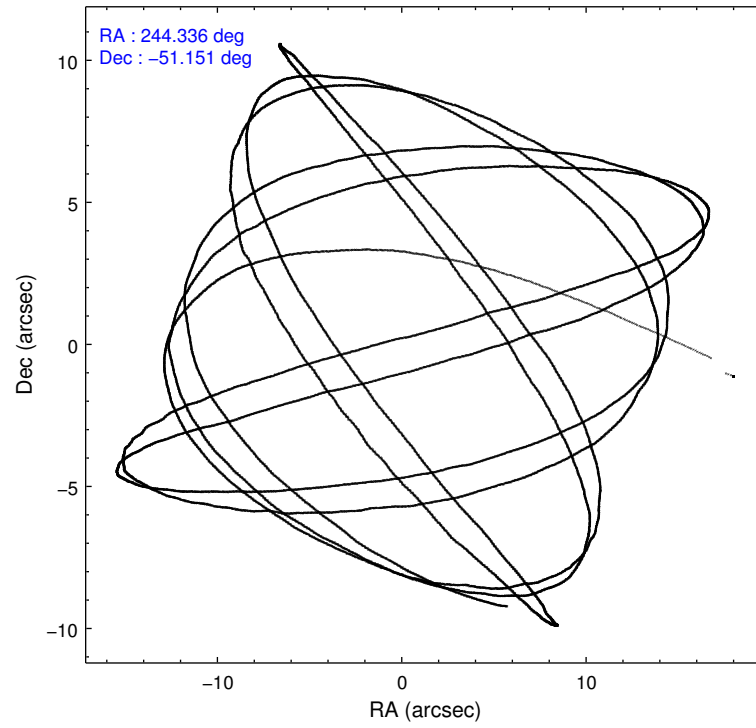
	ccd 3
level 1 events	39030
rejected events	10320
rejected %	26%

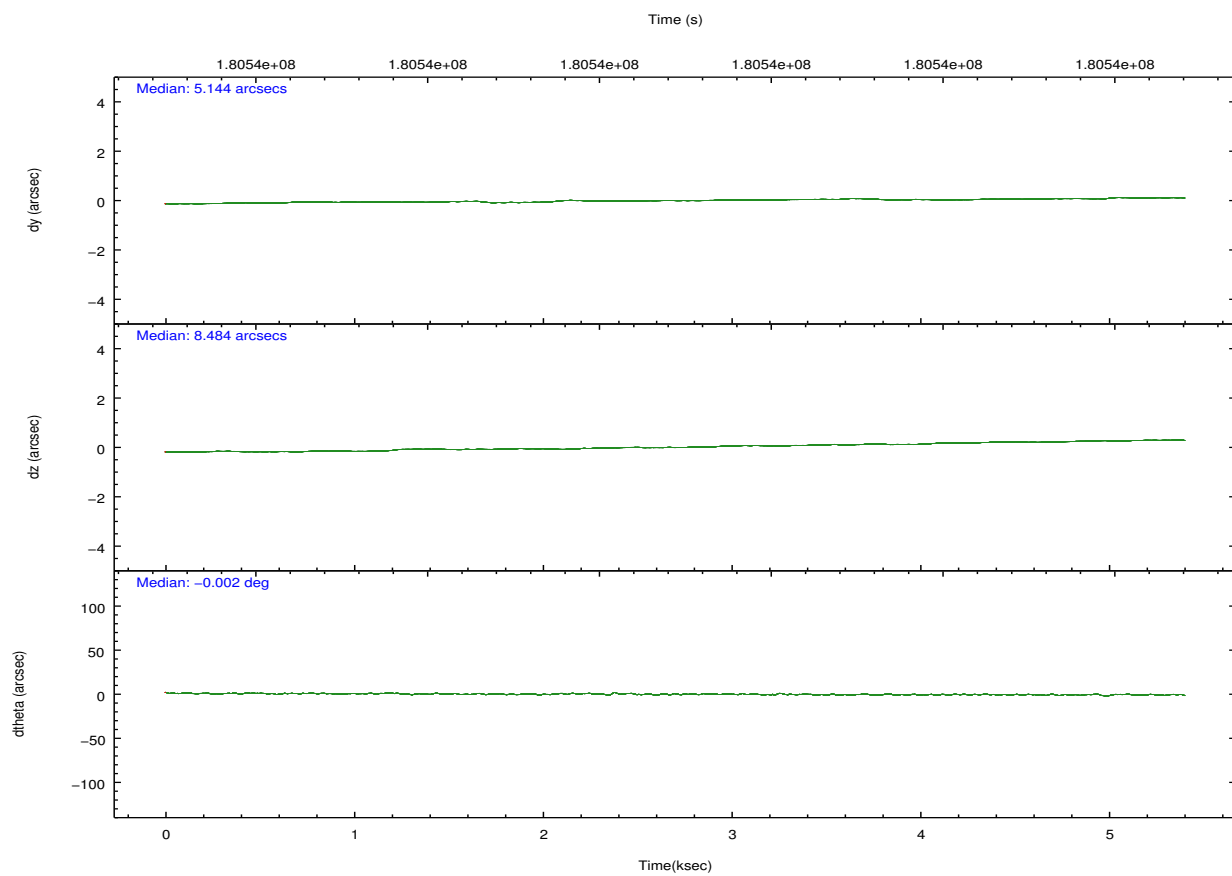
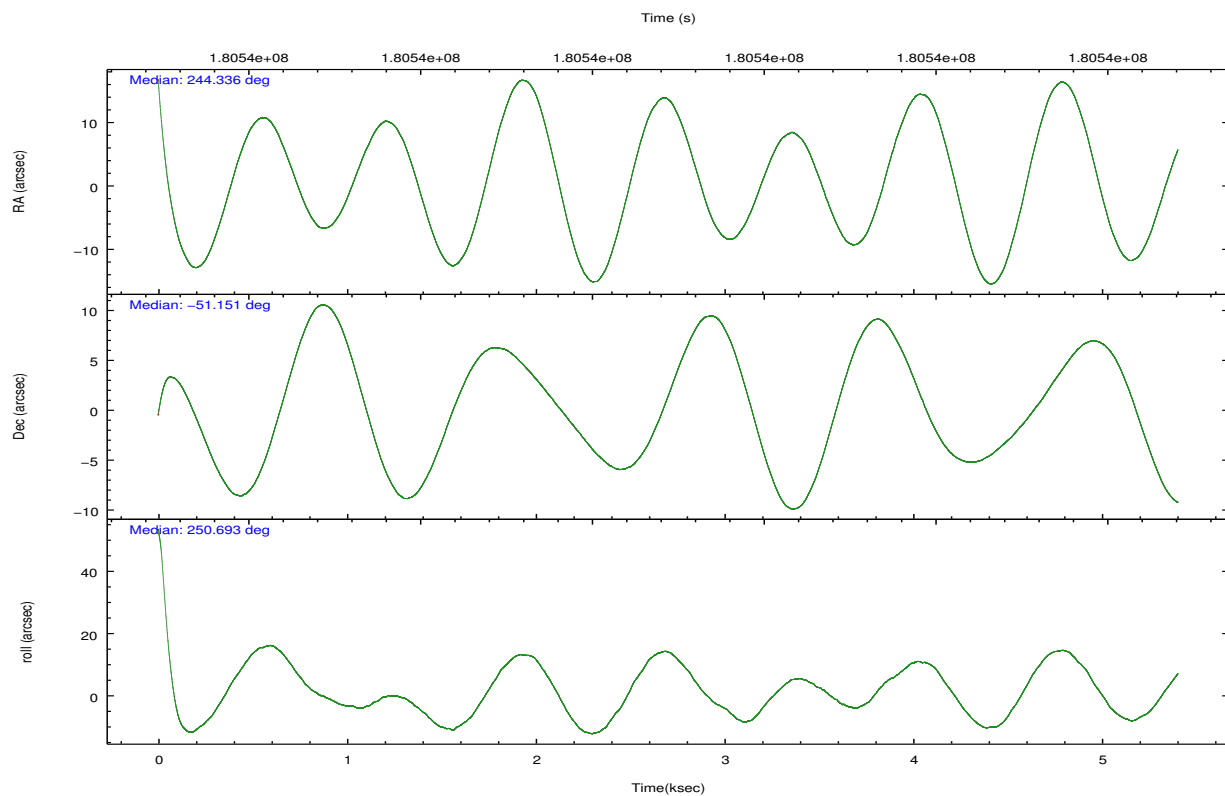
	ccd 3
grade 0 events	24758
	63%
grade 1 events	41
	0%
grade 2 events	2520
	6%
grade 3 events	833
	2%
grade 4 events	829
	2%
grade 5 events	399
	1%
grade 6 events	503
	1%
grade 7 events	9147
	23%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	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	244.327837	244.3360033683124	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-51.123685	-51.15061916588959	Subarray start row	1	1
[deg] Pointing Roll	250.492411	250.7075499309276	Subarray row count	256	256
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	180538143.184000	180537069.76909			
Observation start date	2003-09-21T13:27:59	2003-09-21T13:11:09			
[s] Observation end time (MET)	180543143.184000	180544297.0444			
Observation end date	2003-09-21T14:51:19	2003-09-21T15:11:37			
Read mode	TIMED	TIMED			

2.3 Aspect



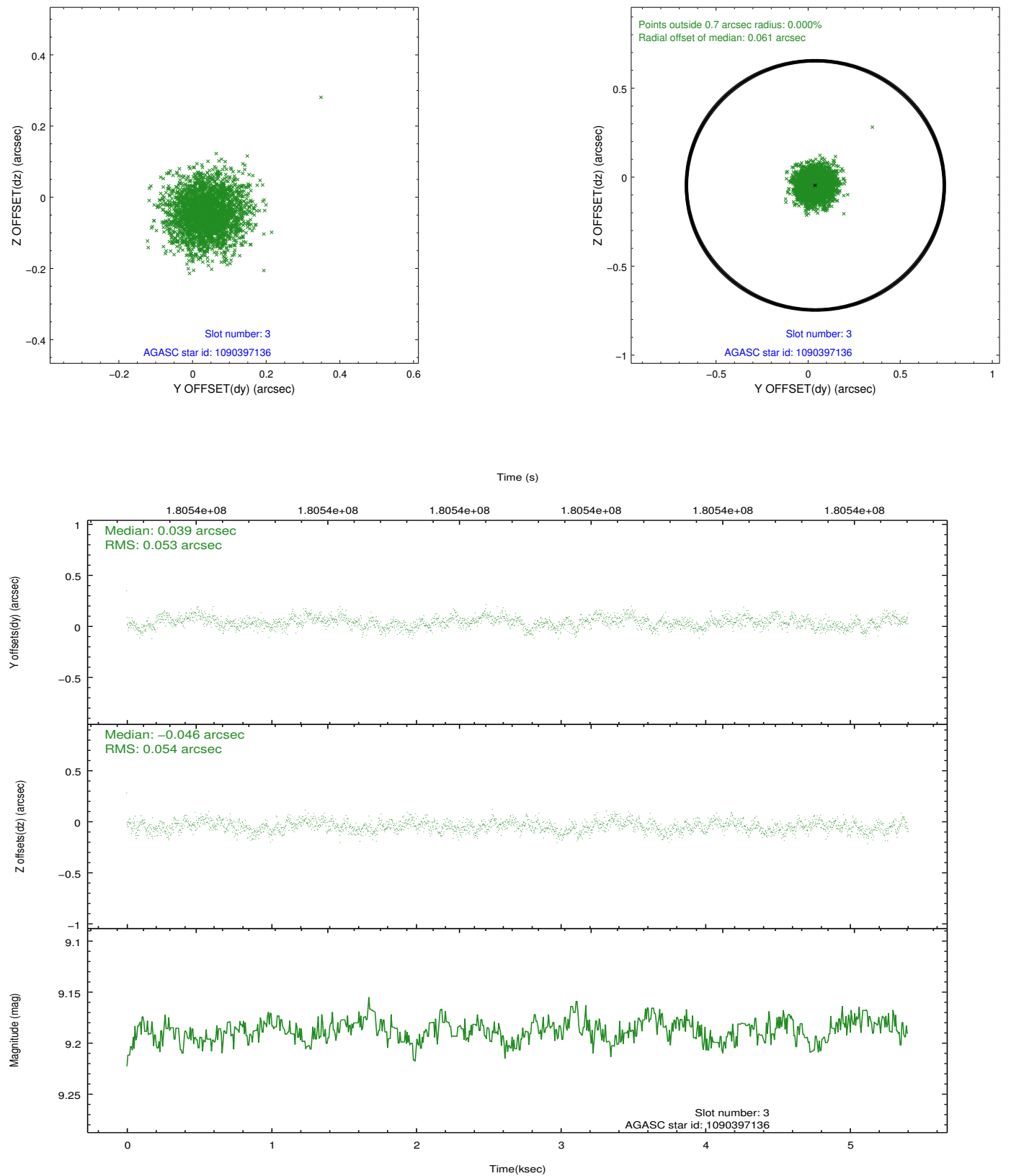


Slot Statistics

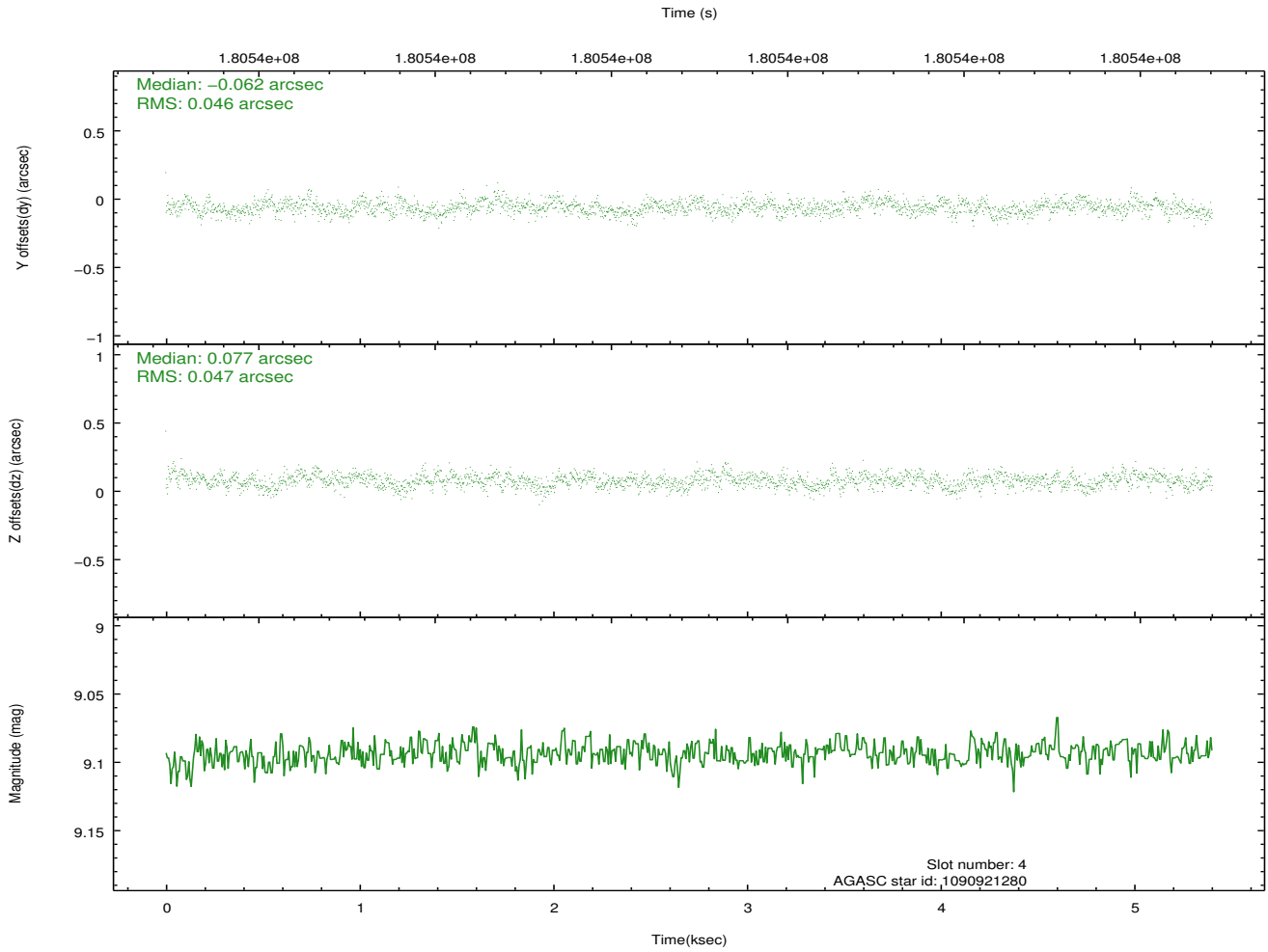
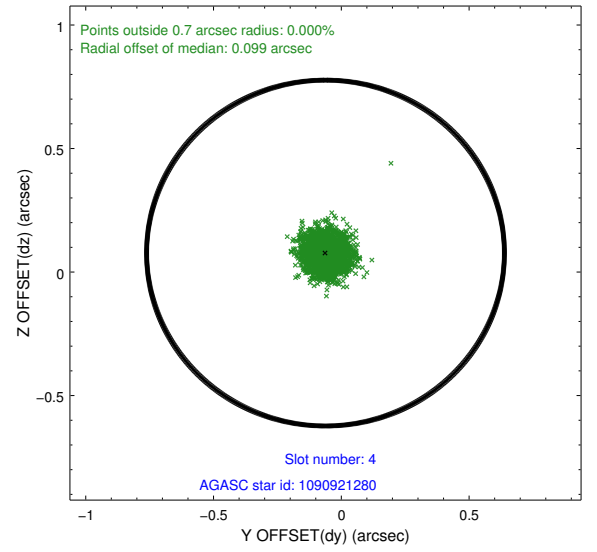
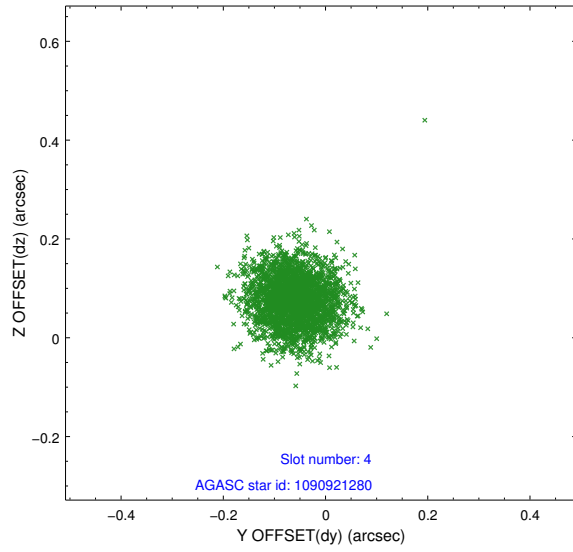
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	1319	0.027	0.027	0.007	0.012	0.000000	0.000000	934.62	-831.92
1	FID	ACIS-I-5	7.23	1319	-0.160	0.054	0.007	0.011	0.000000	0.000000	-1813.05	1065.05
2	FID	ACIS-I-6	7.25	1319	0.041	-0.010	0.008	0.013	0.000000	0.000000	398.97	1710.75
3	GUIDE	1090397136	9.19	2636	0.039	-0.046	0.081	0.128	243.971780	-50.589354	-1539.25	-1408.58
4	GUIDE	1090921280	9.09	2634	-0.062	0.077	0.070	0.111	244.365071	-50.638328	-1675.90	-503.58
5	GUIDE	1090922592	8.67	2637	0.051	-0.141	0.074	0.117	243.541382	-50.784876	-541.58	-2090.56
6	GUIDE	1091059112	9.07	2634	-0.049	0.133	0.079	0.126	245.180420	-50.736664	-1951.96	1368.97
7	GUIDE	1090924384	8.05	2636	0.019	-0.019	0.072	0.115	243.330505	-50.934017	126.31	-2354.64

2.4 Star Slots

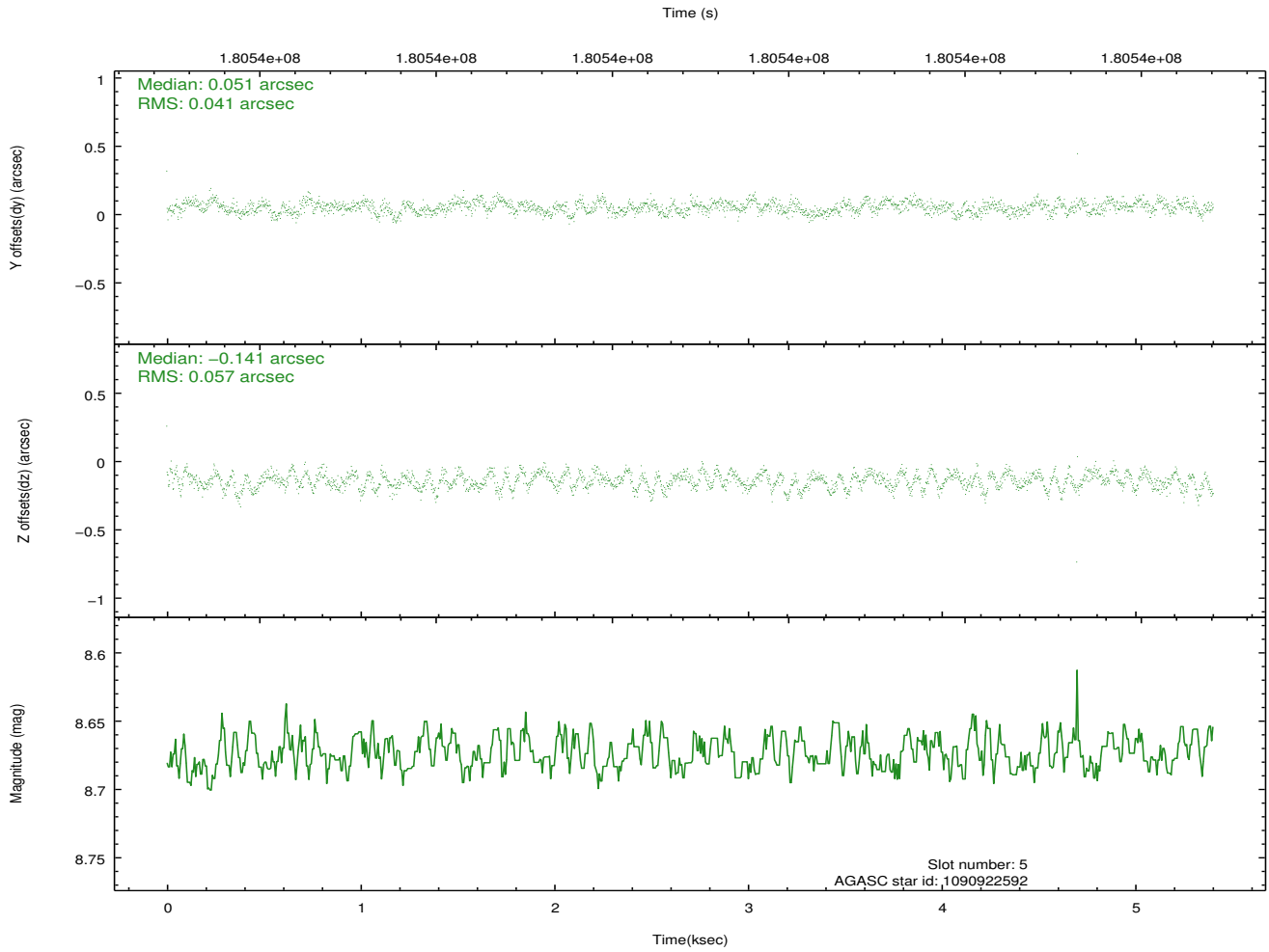
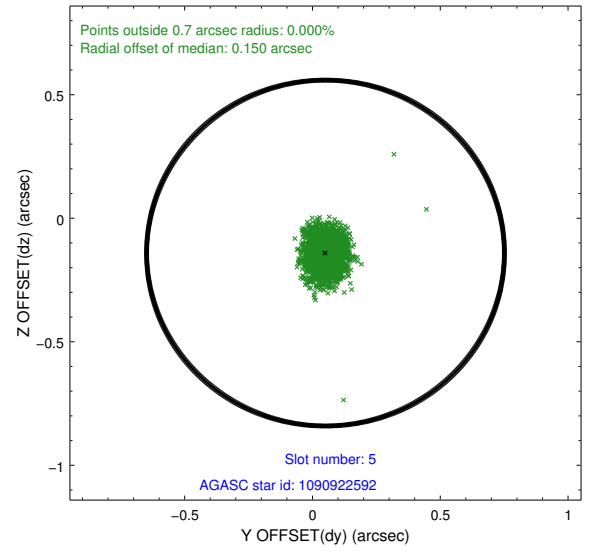
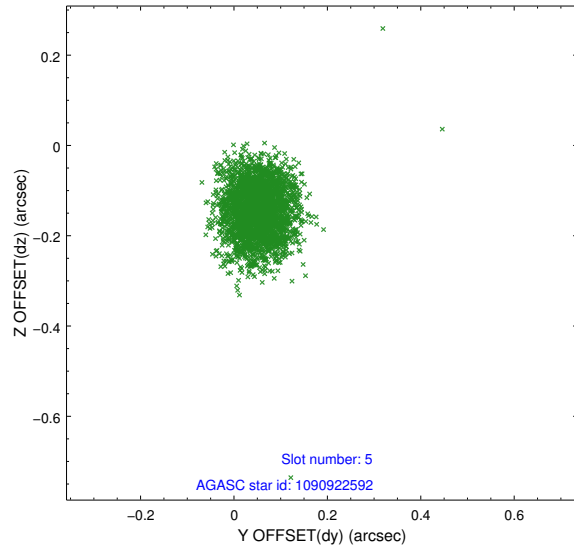
2.4.1 Slot 3



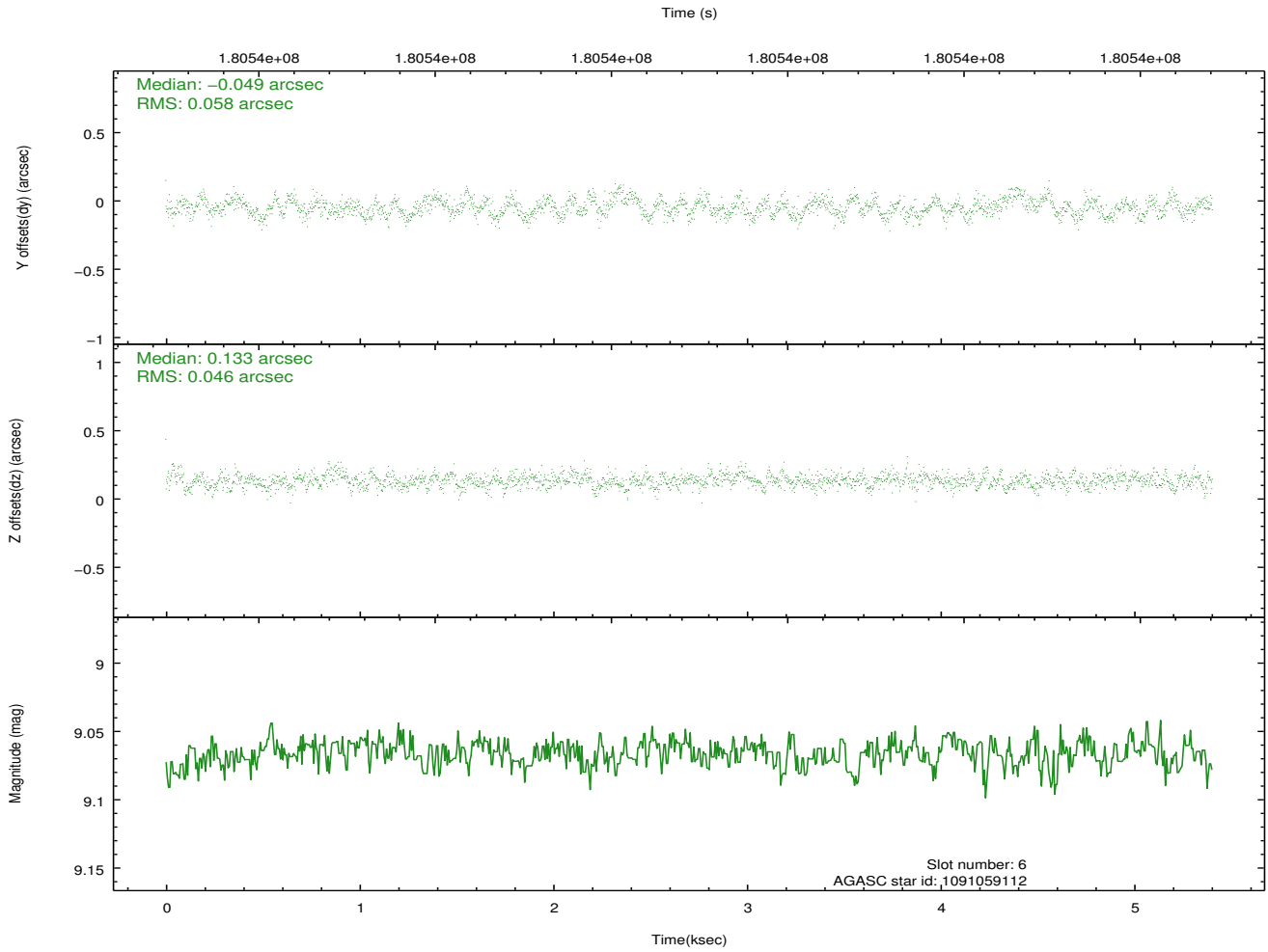
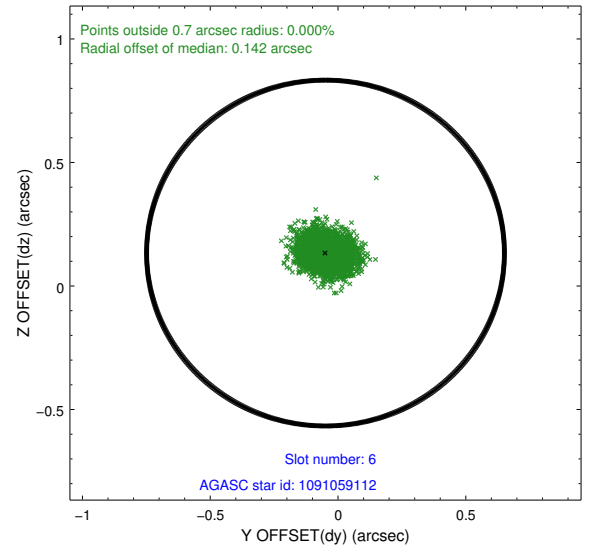
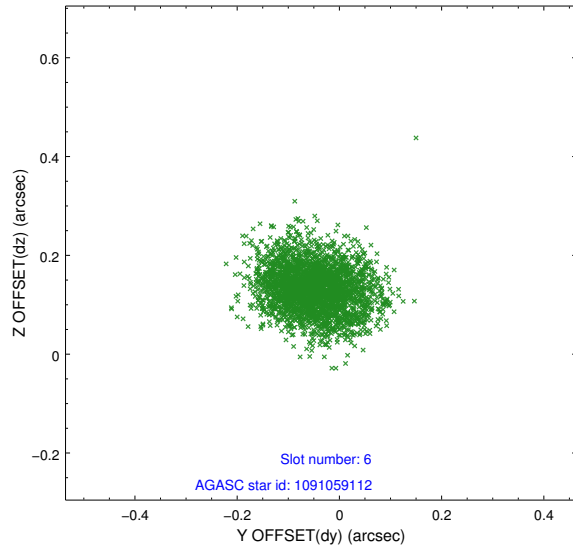
2.4.2 Slot 4



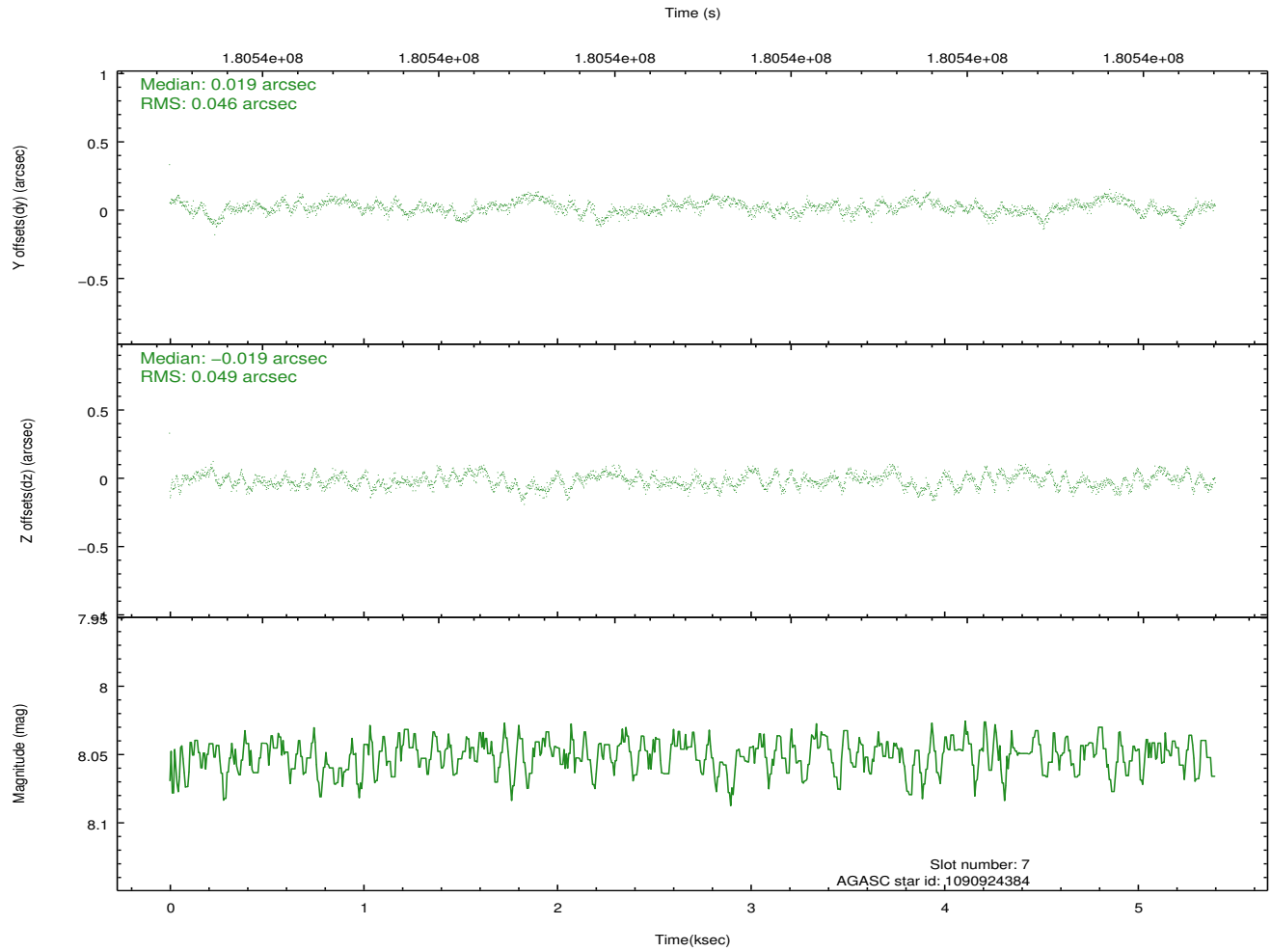
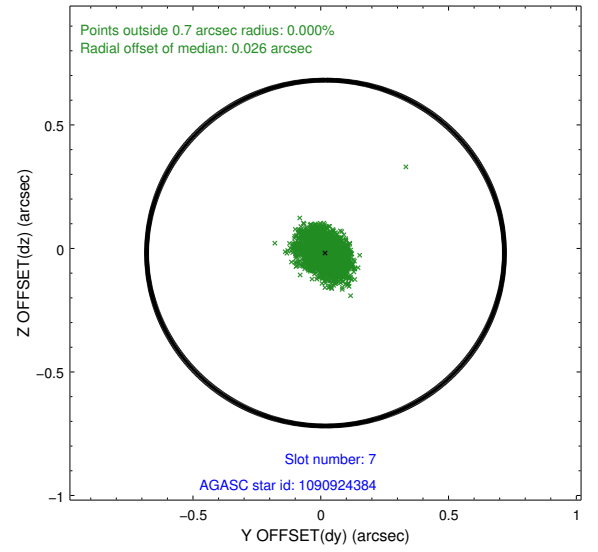
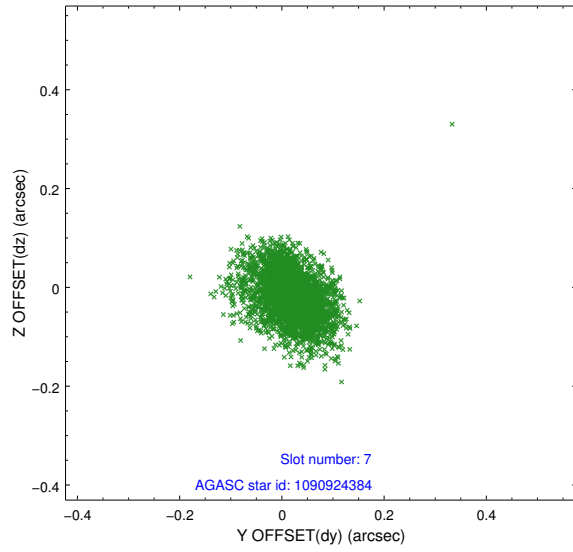
2.4.3 Slot 5



2.4.4 Slot 6

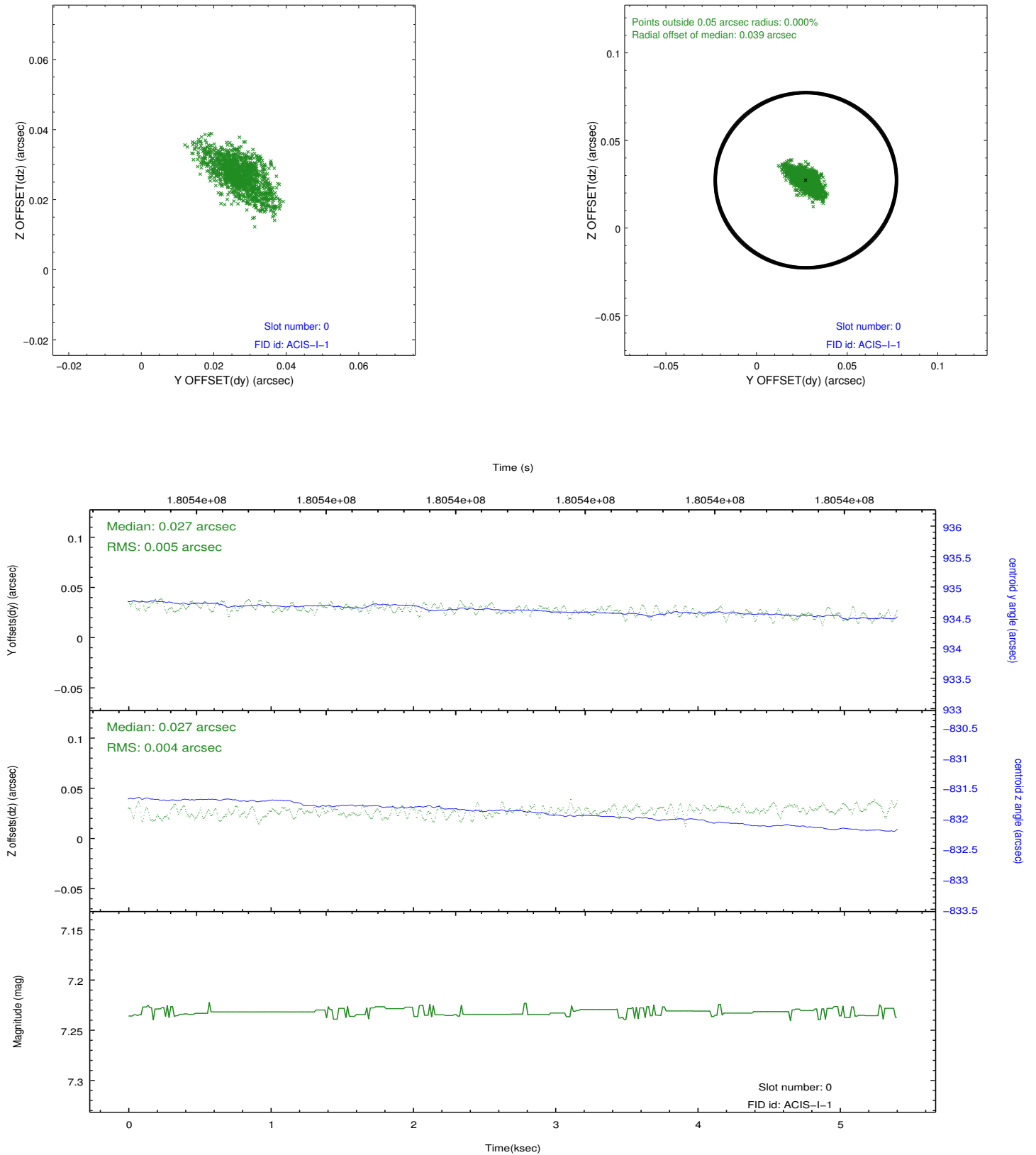


2.4.5 Slot 7

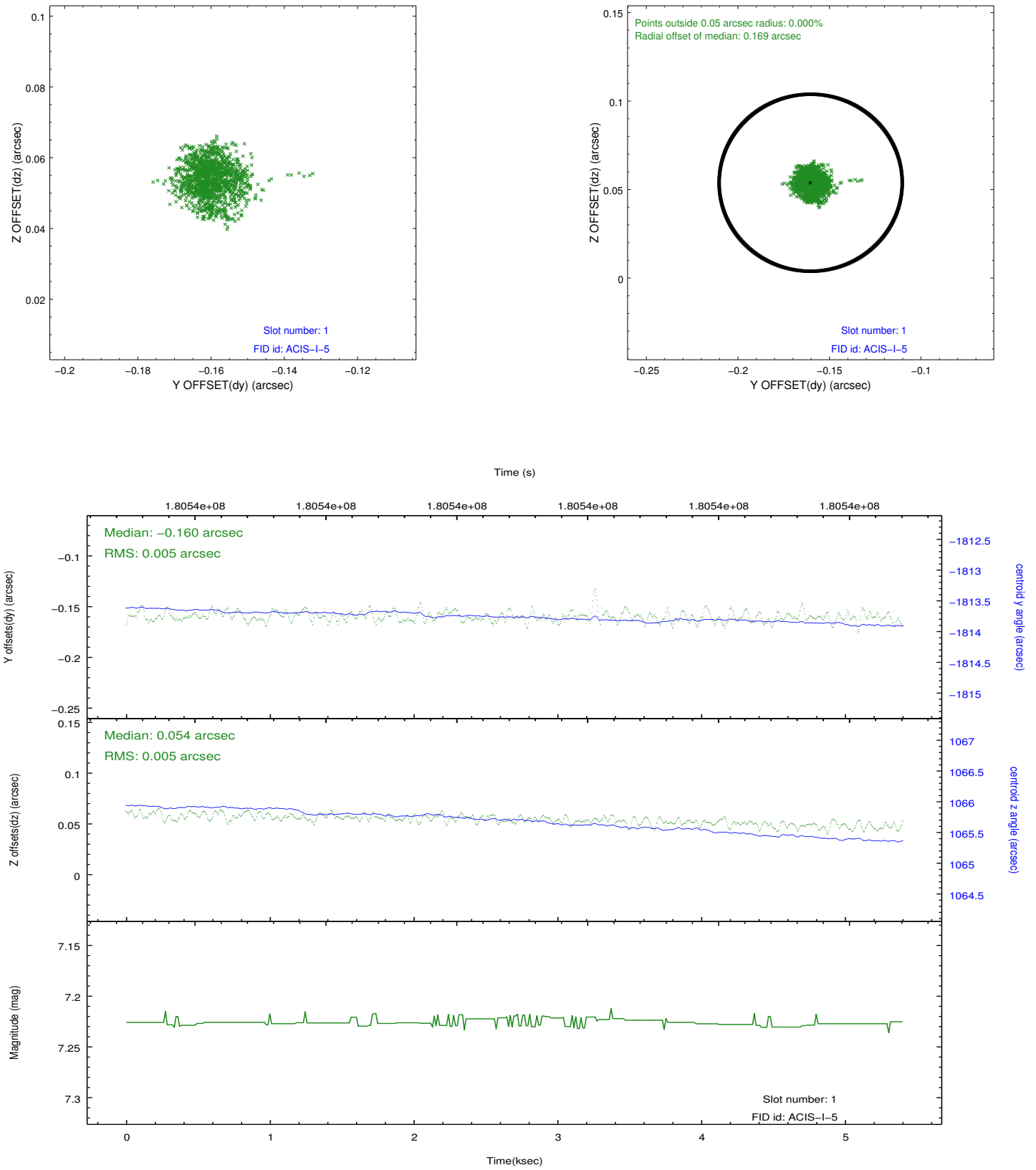


2.5 FID Slots

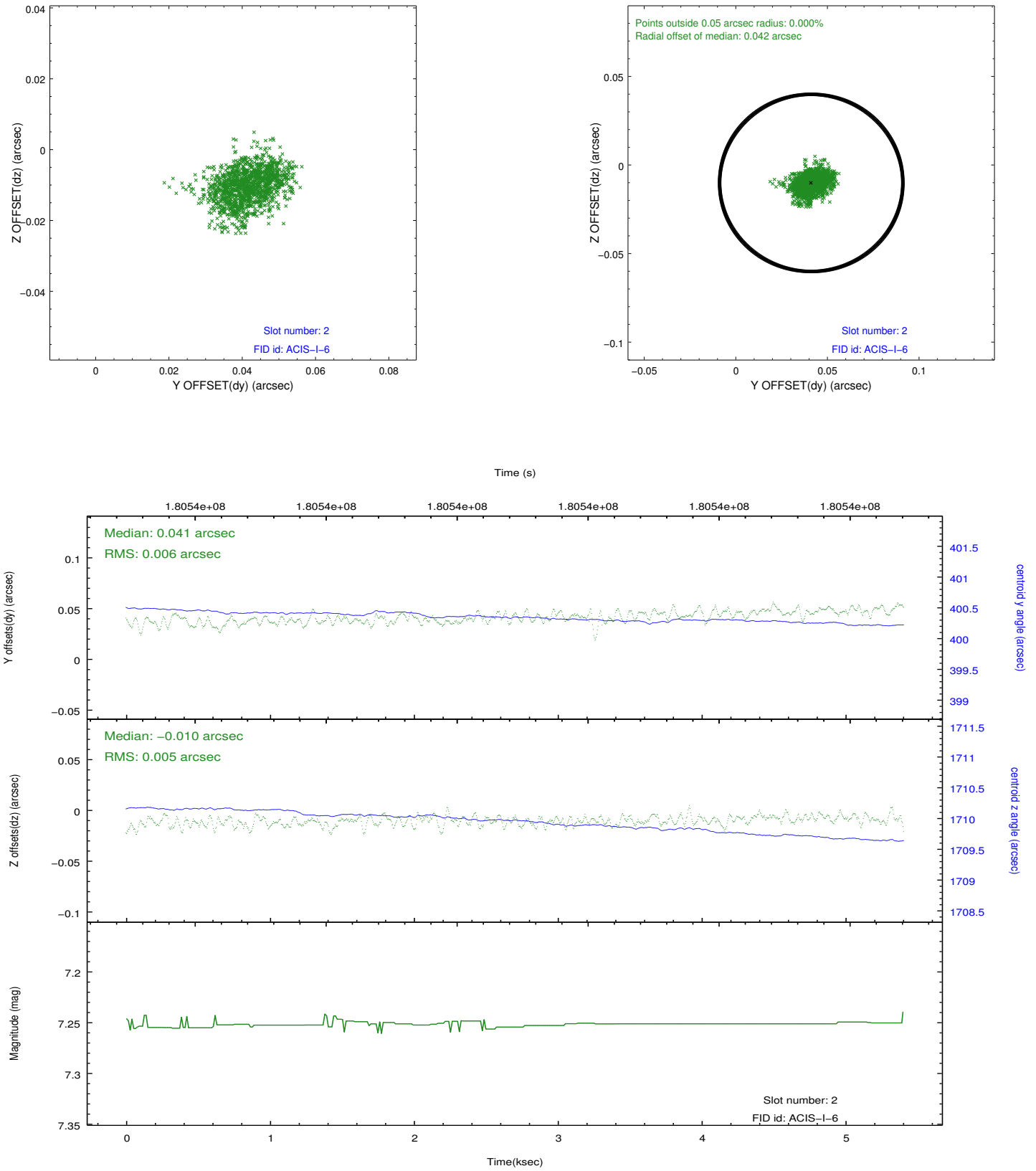
2.5.1 Slot 0



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)	2012.11.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.401

A.2 Comments