

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4596 - L2 Version 3
Chandra X-Ray Center

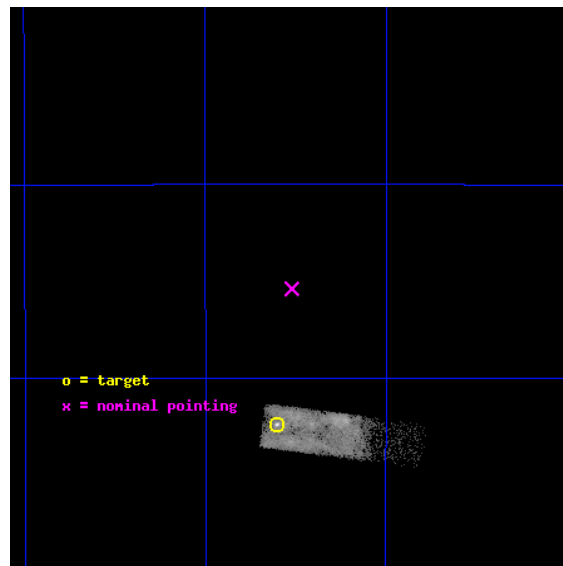
L2 Processing Date : Nov 10 2012

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1 Front

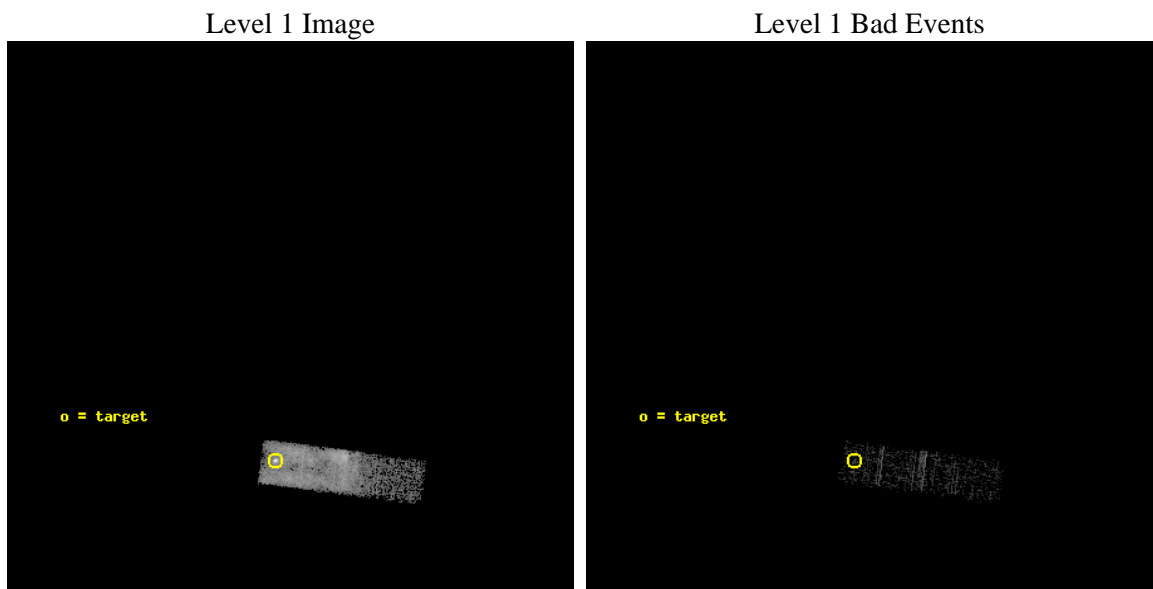
seq_num	500421	Sequence number
obs_id	4596	Observation id
title	Observation of SNR RCW103	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	RCW103	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.40125	Observer's specified target RA [deg]
dec_targ	-51.040278	Observer's specified target Dec [deg]
ra_nom	244.38049936063	Nominal RA [deg]
dec_nom	-50.923381203919	Nominal Dec [deg]
roll_nom	97.481193127934	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5164.8000769615	Sum of GTIs [s]
livetime	4912.7747331509	Livetime [s]
ontime3	5164.8000769615	Sum of GTIs [s]
l2events	21409	Number of level 2 events



2 OBI

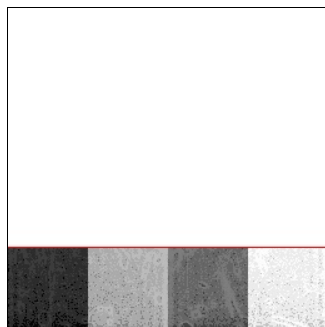
2.1 OBI

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	5164.8000769615	Sum of GTIs [s]
caldsver	4.5.2	 	ontime3	5164.8000769615	Sum of GTIs [s]
date	2012-11-10T22:14:15	Date and time of file creation	l1events	31192	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

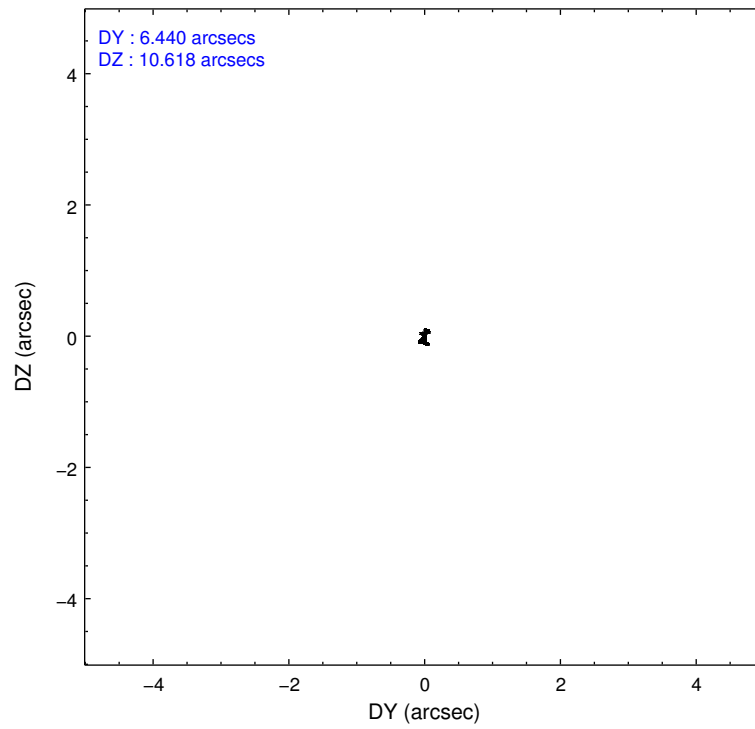
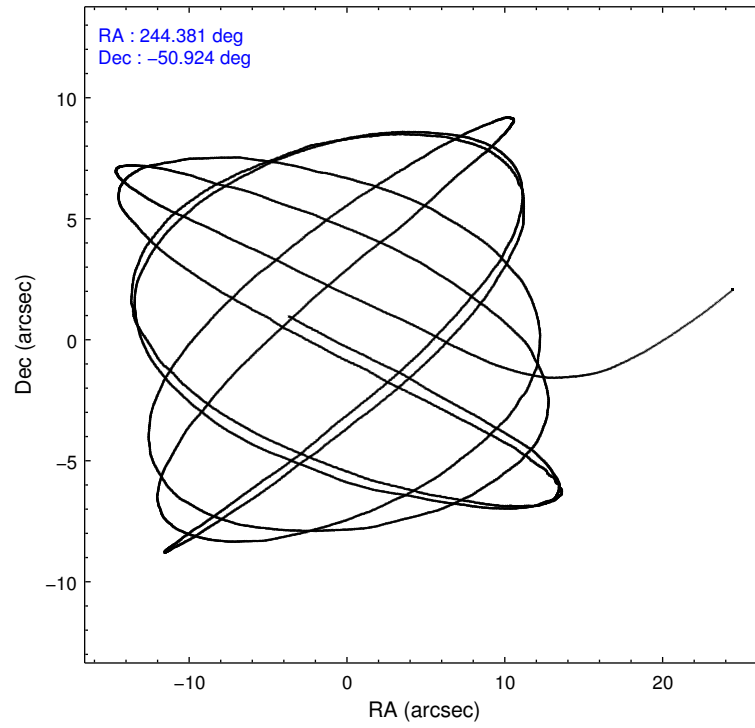
	ccd 3
level 1 events	31192
rejected events	9158
rejected %	29%

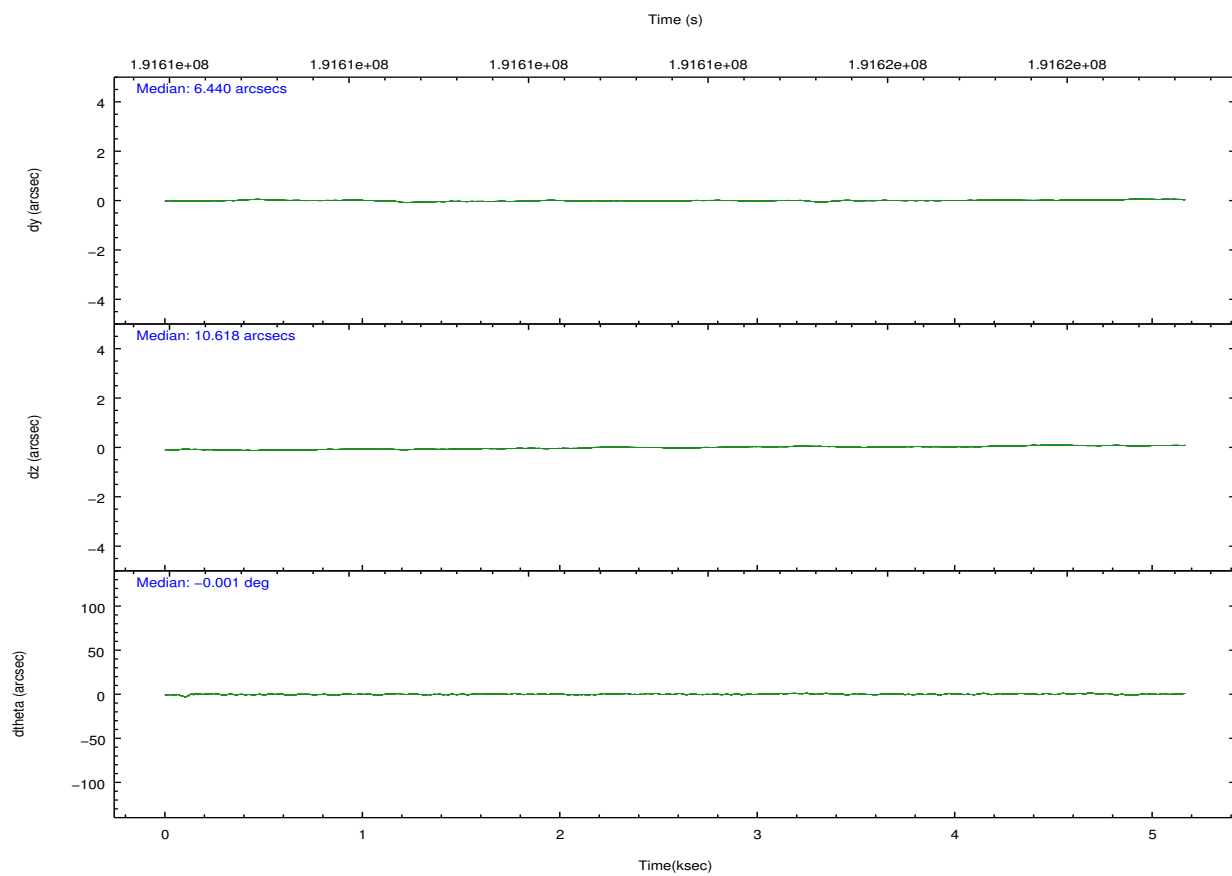
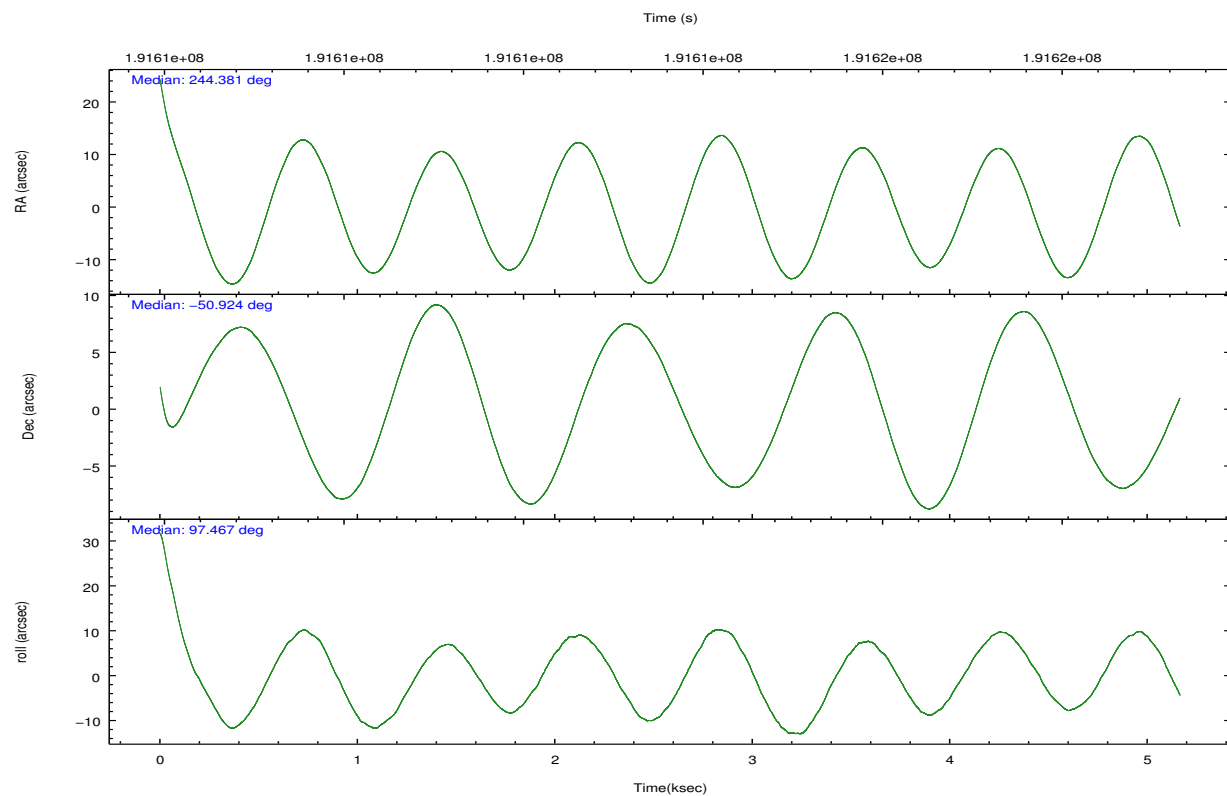
	ccd 3
grade 0 events	19179
	61%
grade 1 events	33
	0%
grade 2 events	2015
	6%
grade 3 events	650
	2%
grade 4 events	645
	2%
grade 5 events	127
	0%
grade 6 events	350
	1%
grade 7 events	8193
	26%

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	244.406980	244.3804993606254	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-50.945044	-50.92338120391919	Subarray start row	1	1
[deg] Pointing Roll	97.293052	97.48119312793449	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)	191611398.184000	191610406.11103			
Observation start date	2004-01-27T17:22:14	2004-01-27T17:06:46			
[s] Observation end time (MET)	191616398.184000	191617137.28632			
Observation end date	2004-01-27T18:45:34	2004-01-27T18:58:57			
Read mode	TIMED	TIMED			

2.3 Aspect



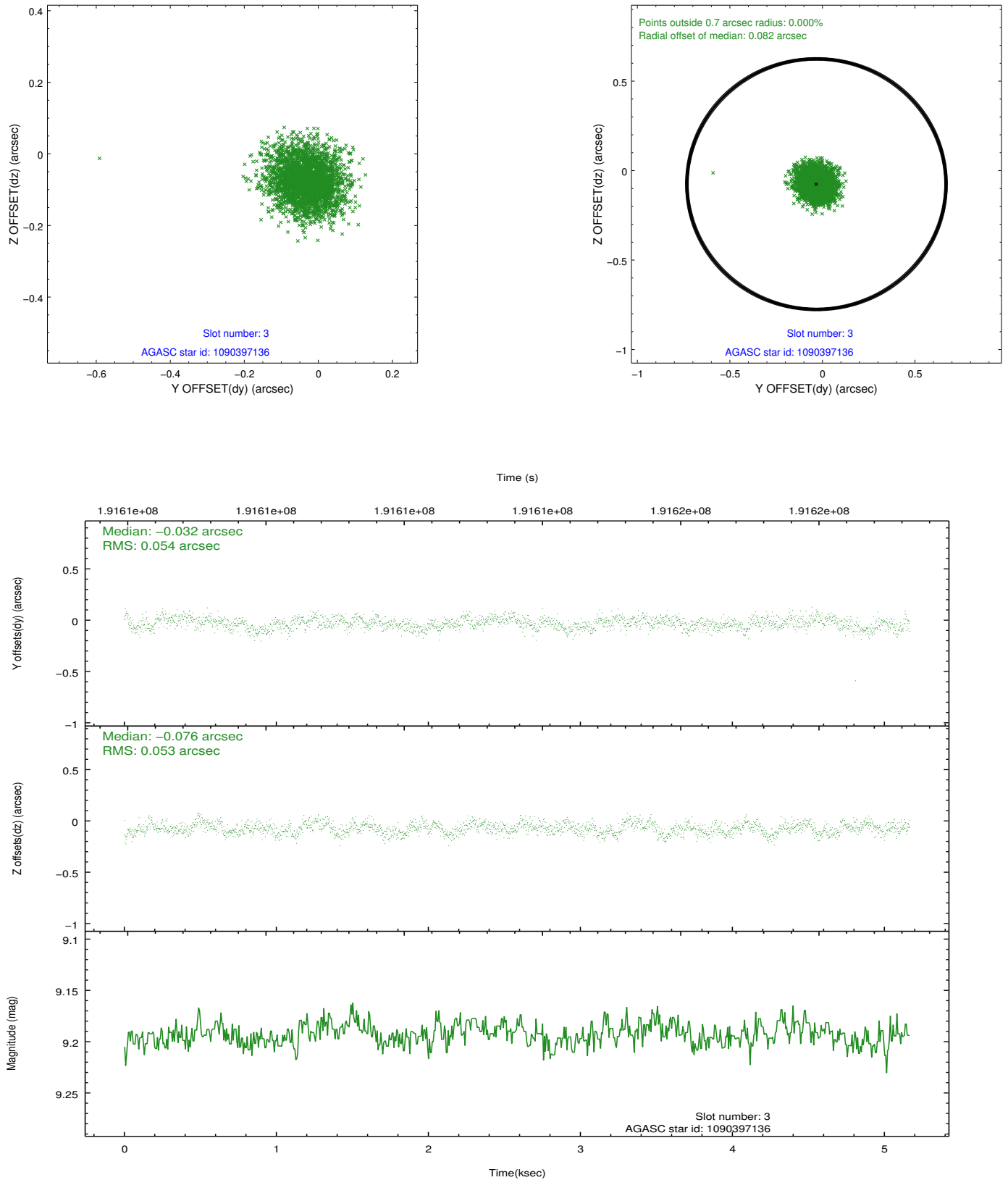


Slot Statistics

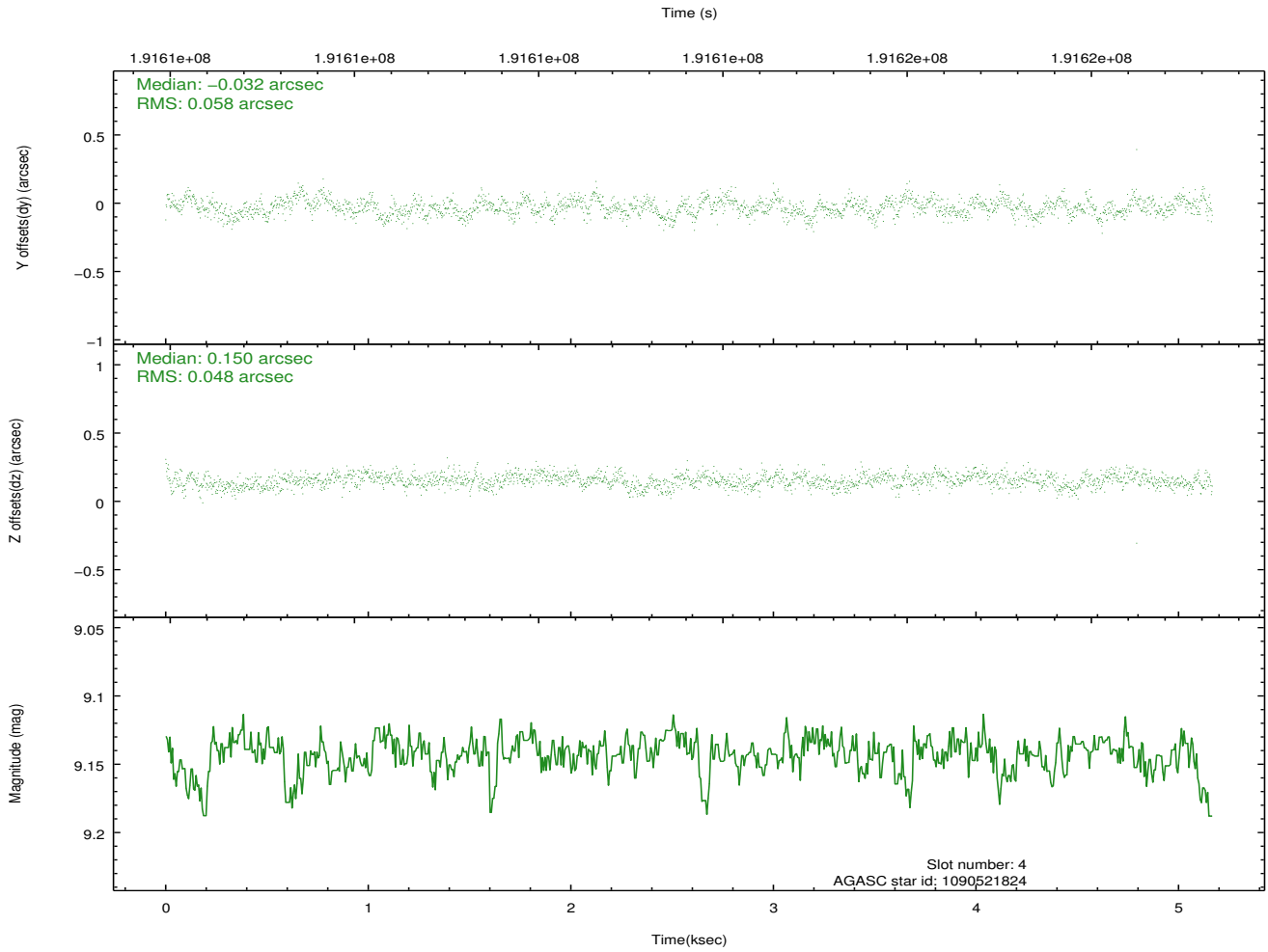
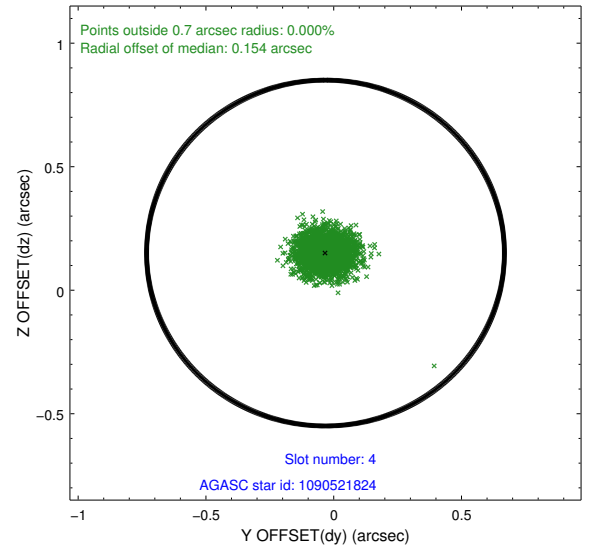
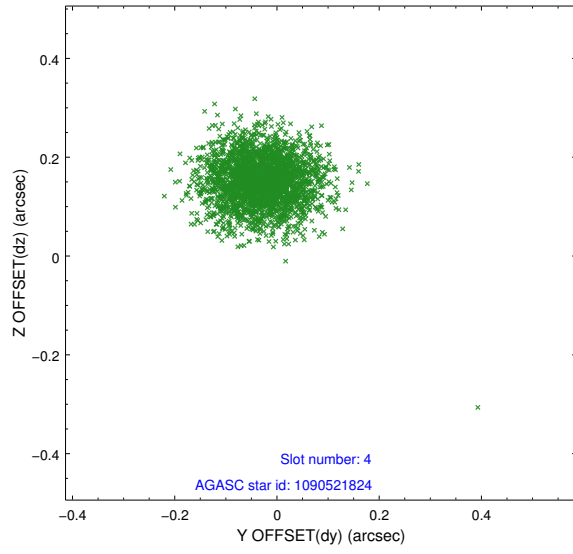
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1260	0.024	-0.008	0.007	0.012	0.000000	0.000000	933.27	-834.12
1	FID	ACIS-I-5	7.23	1260	-0.157	0.042	0.006	0.013	0.000000	0.000000	-1814.34	1062.88
2	FID	ACIS-I-6	7.25	1260	0.042	0.037	0.008	0.013	0.000000	0.000000	397.60	1708.67
3	GUIDE	1090397136	9.19	2521	-0.032	-0.076	0.080	0.128	243.971780	-50.589354	1393.64	824.87
4	GUIDE	1090521824	9.14	2518	-0.032	0.150	0.080	0.128	244.711253	-50.470098	1607.16	-907.43
5	GUIDE	1090922592	8.67	2521	0.030	-0.160	0.072	0.117	243.541382	-50.784876	809.40	1882.39
6	GUIDE	1090924096	8.06	2521	0.041	-0.103	0.052	0.086	243.849549	-51.016855	-100.48	1286.40
7	GUIDE	1091059112	9.07	2515	-0.007	0.190	0.069	0.117	245.180420	-50.736664	512.02	-1840.93

2.4 Star Slots

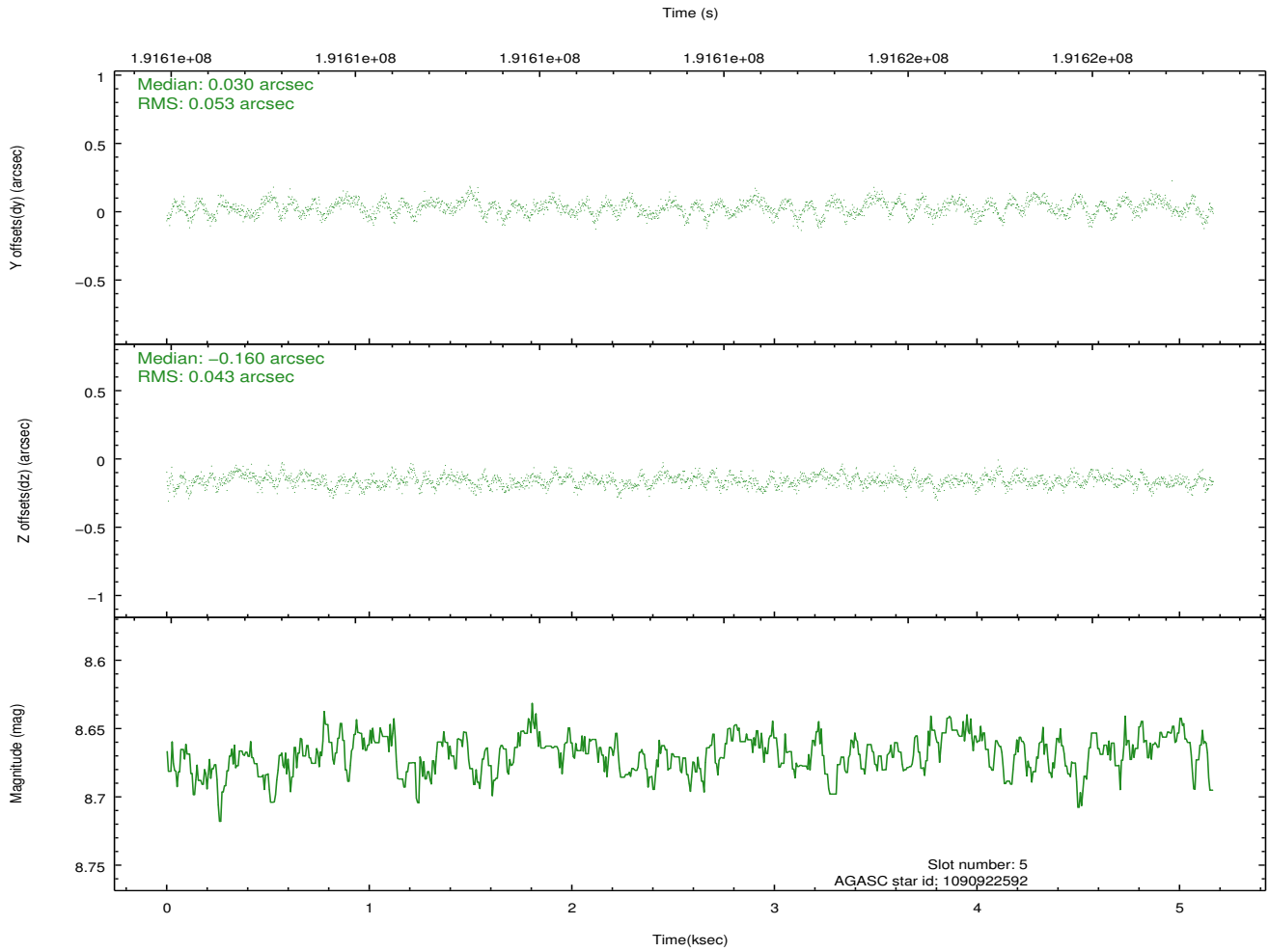
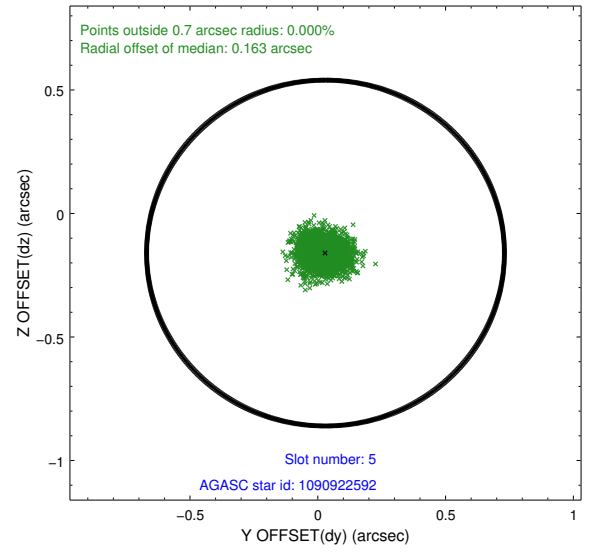
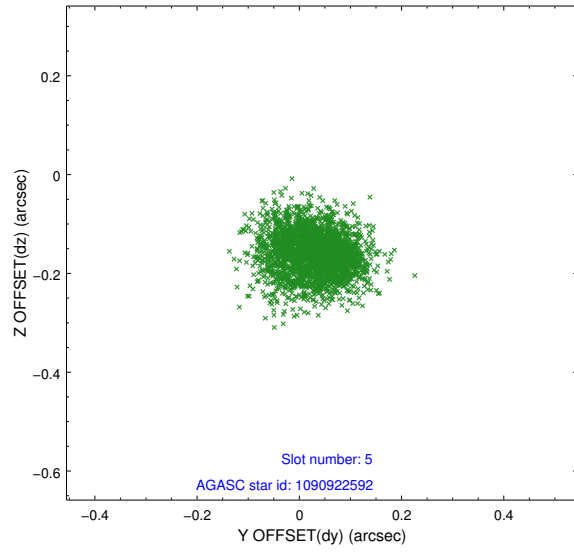
2.4.1 Slot 3



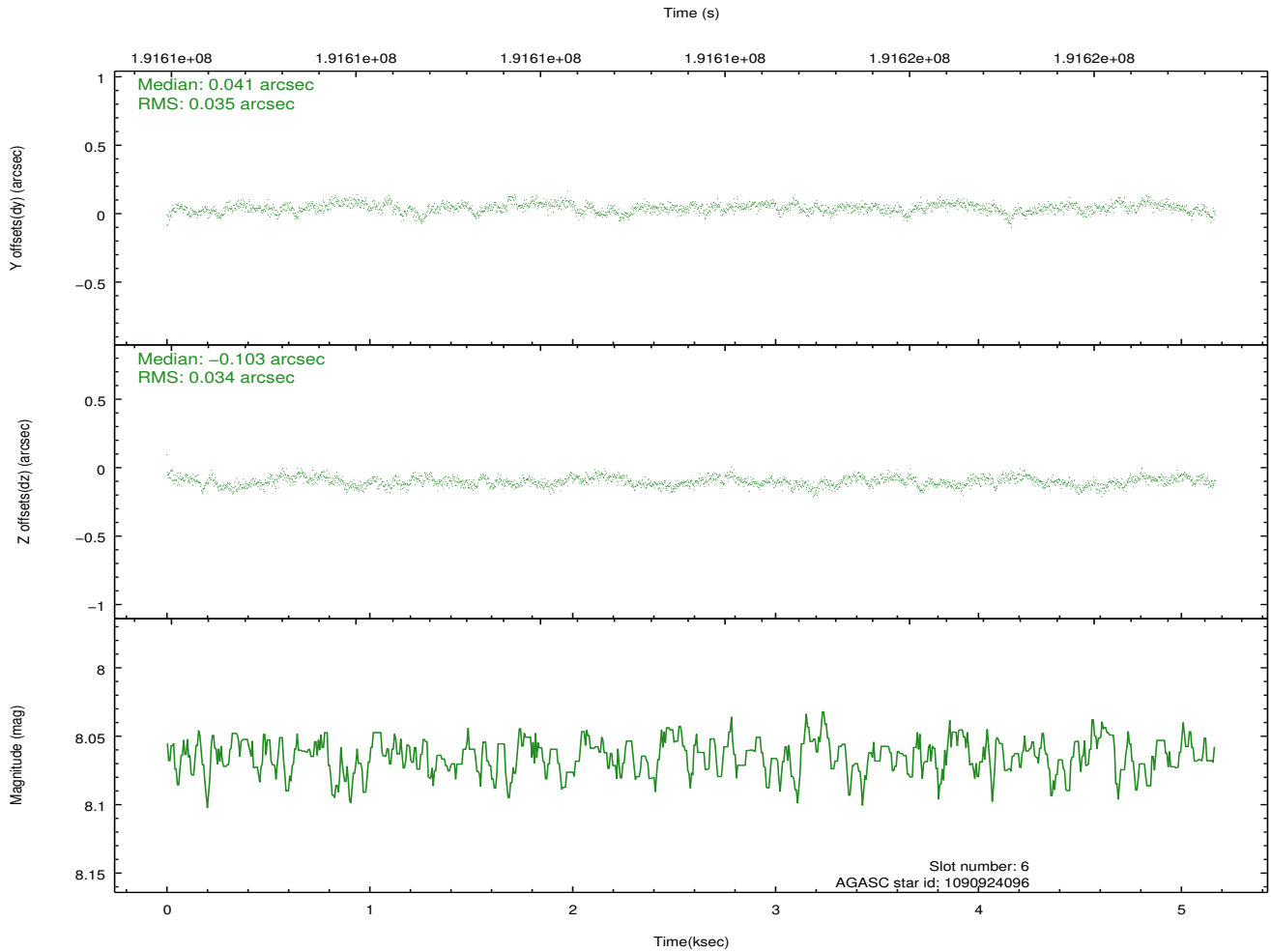
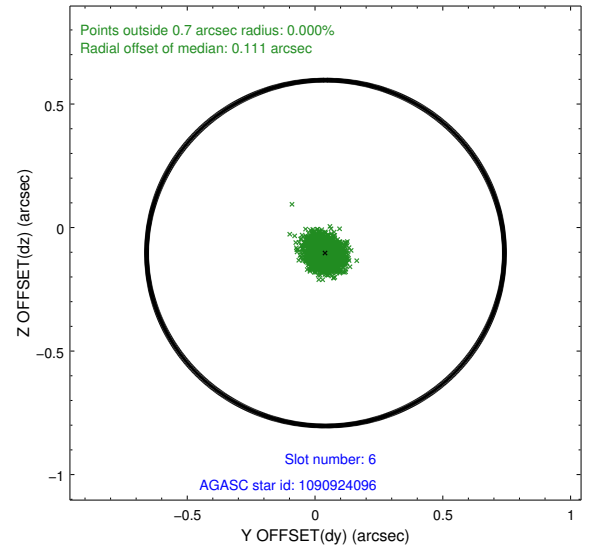
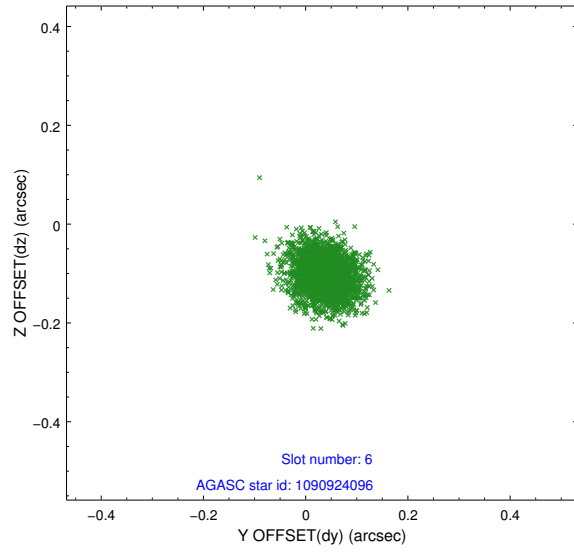
2.4.2 Slot 4



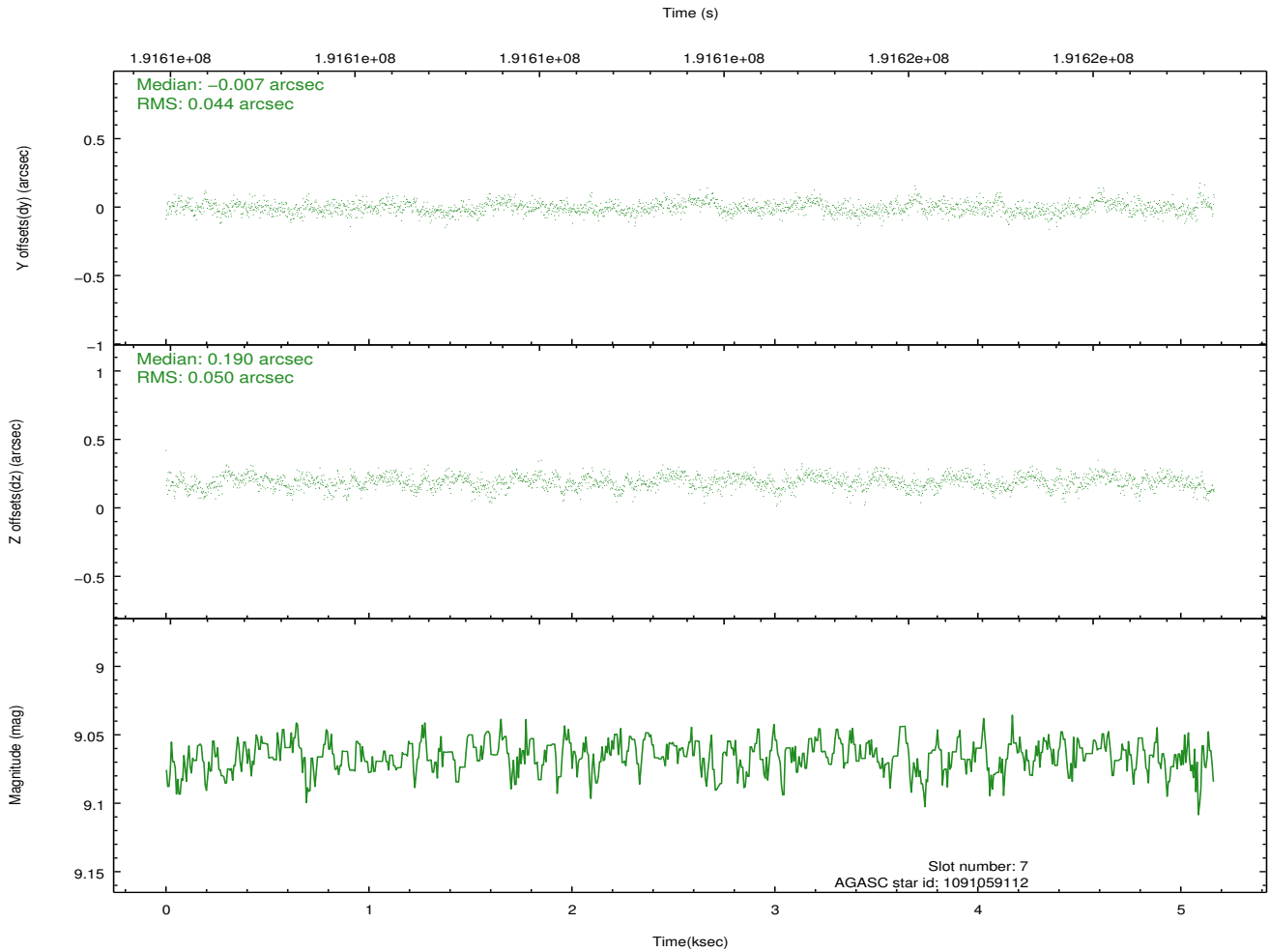
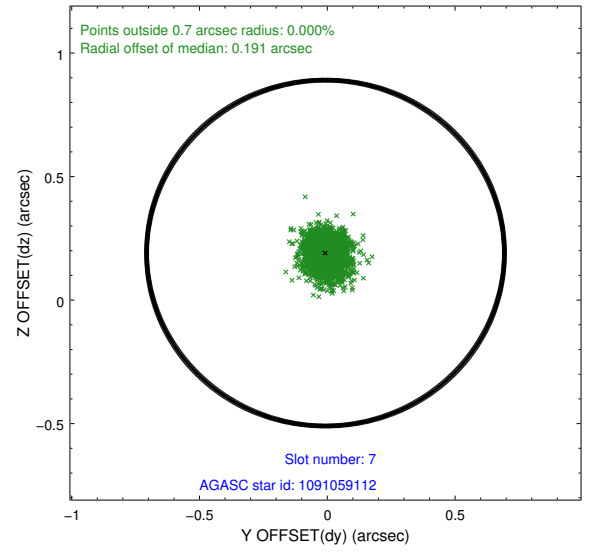
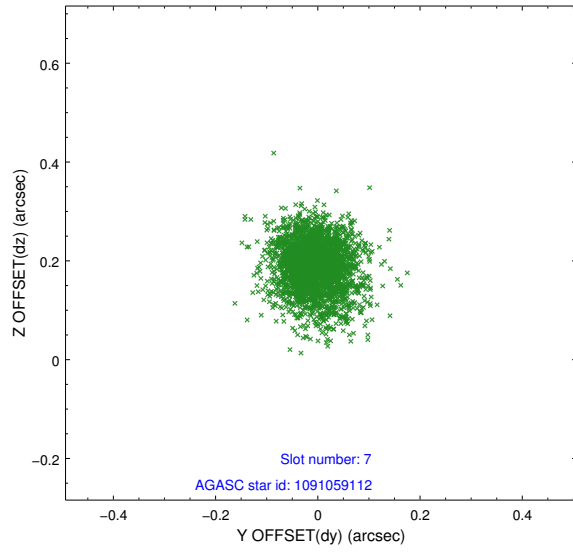
2.4.3 Slot 5



2.4.4 Slot 6

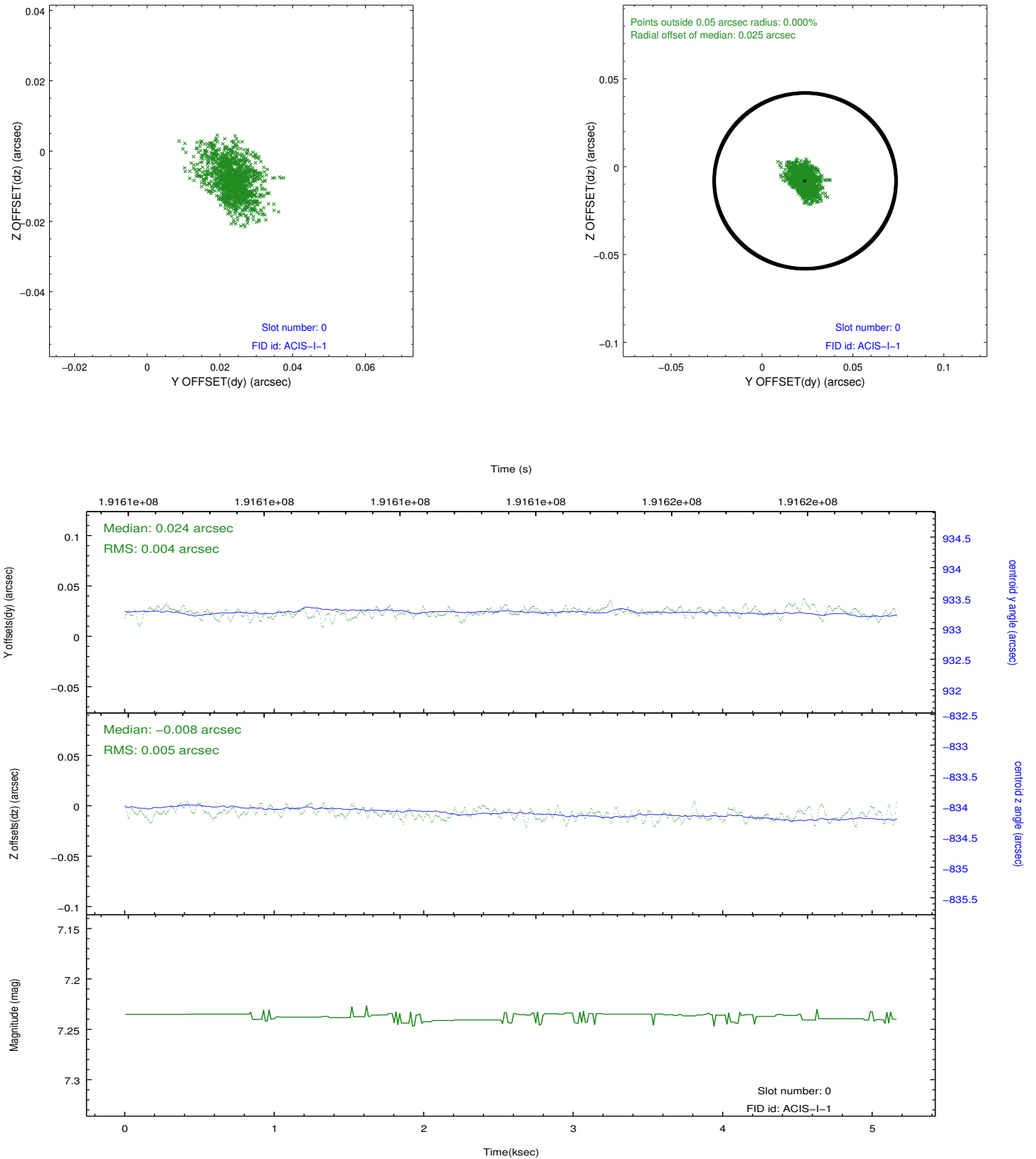


2.4.5 Slot 7

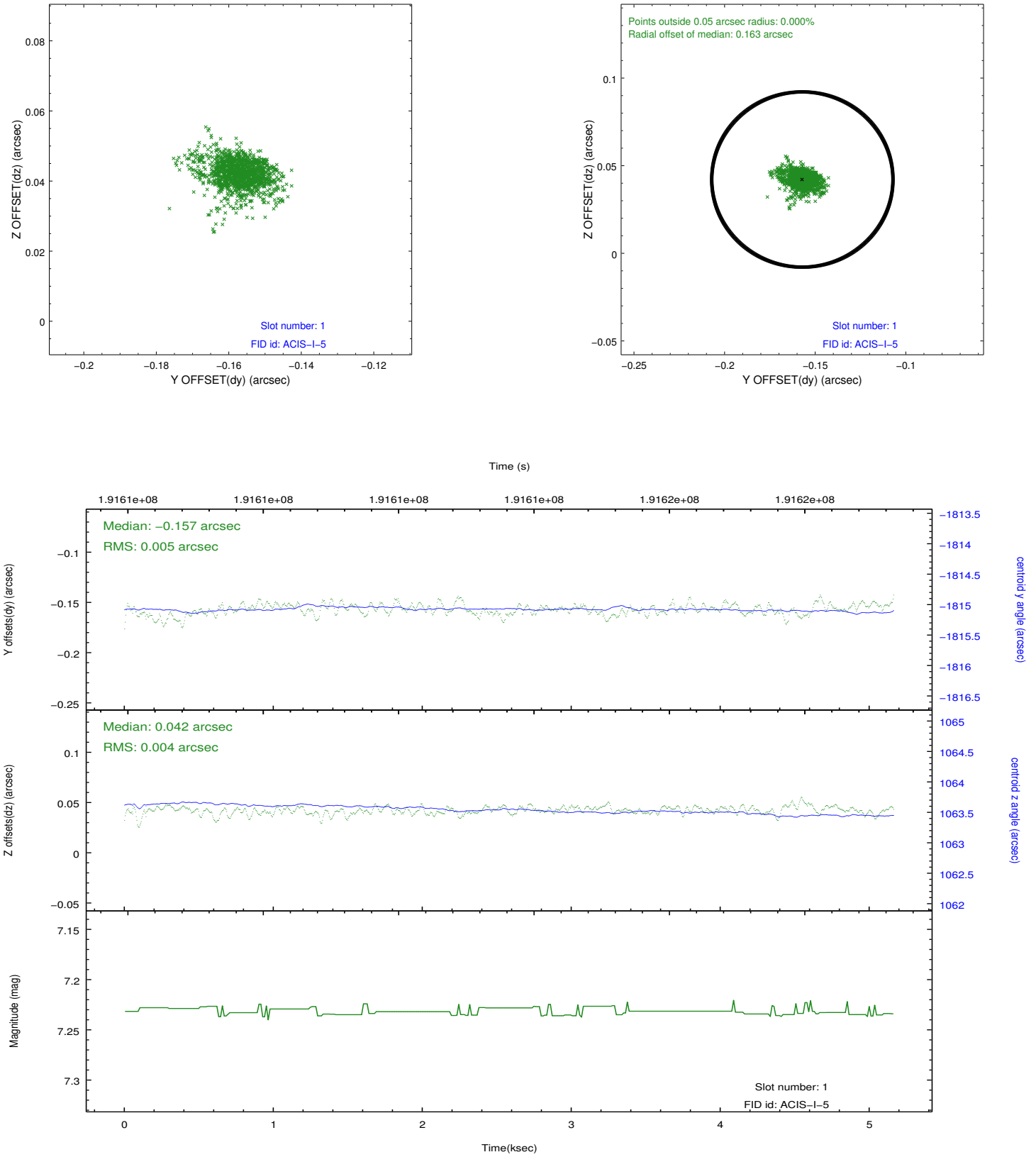


2.5 FID Slots

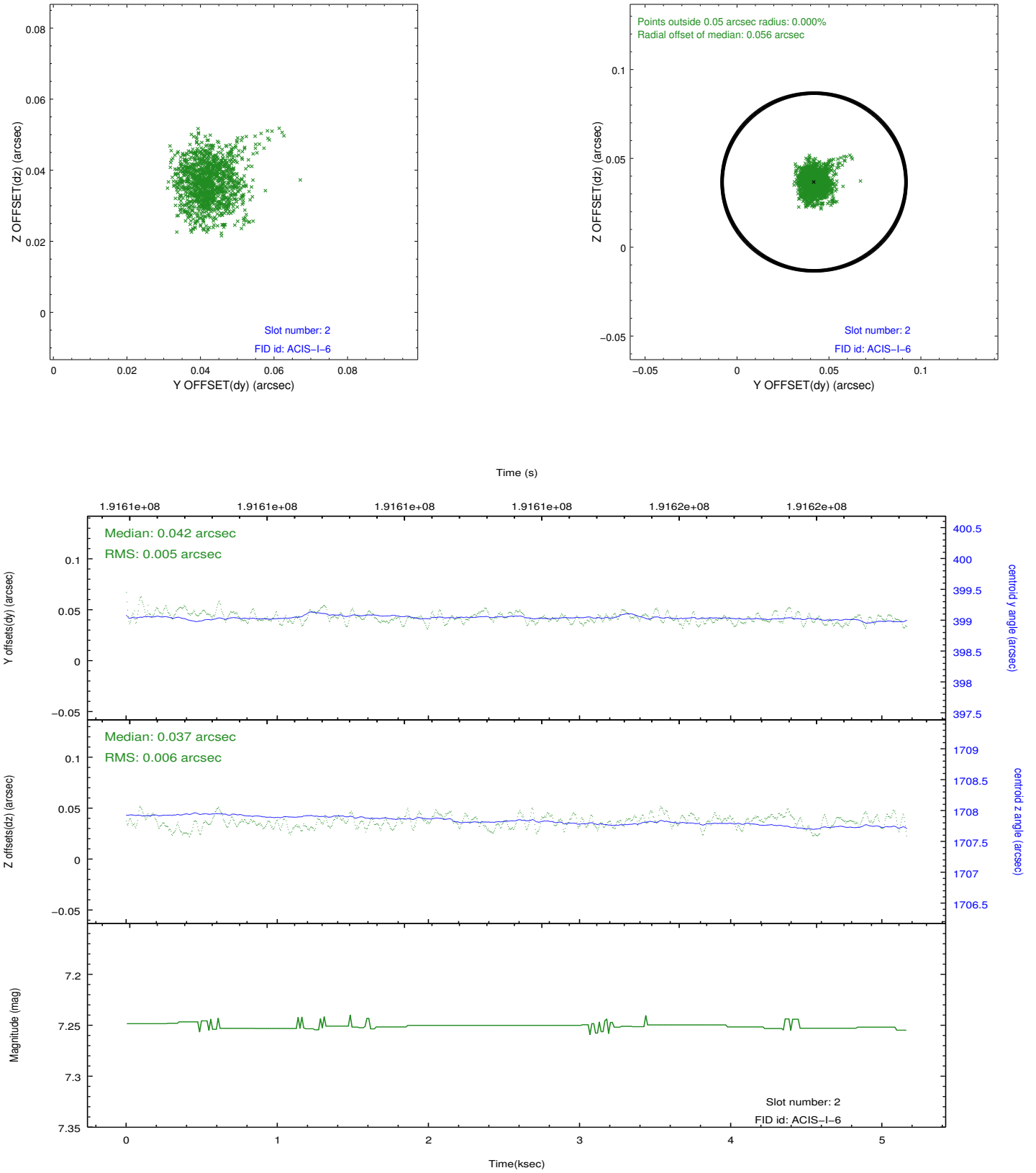
2.5.1 Slot 0



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)	2012.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.164

A.2 Comments