

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3891 - L2 Version 3
Chandra X-Ray Center

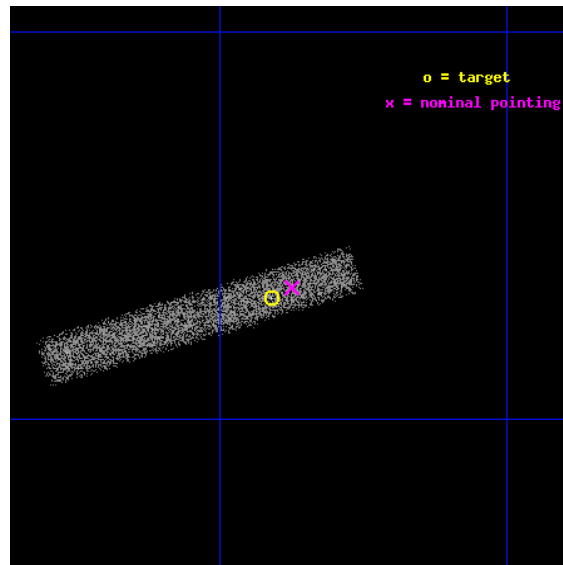
L2 Processing Date : Oct 31 2012

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1 Front

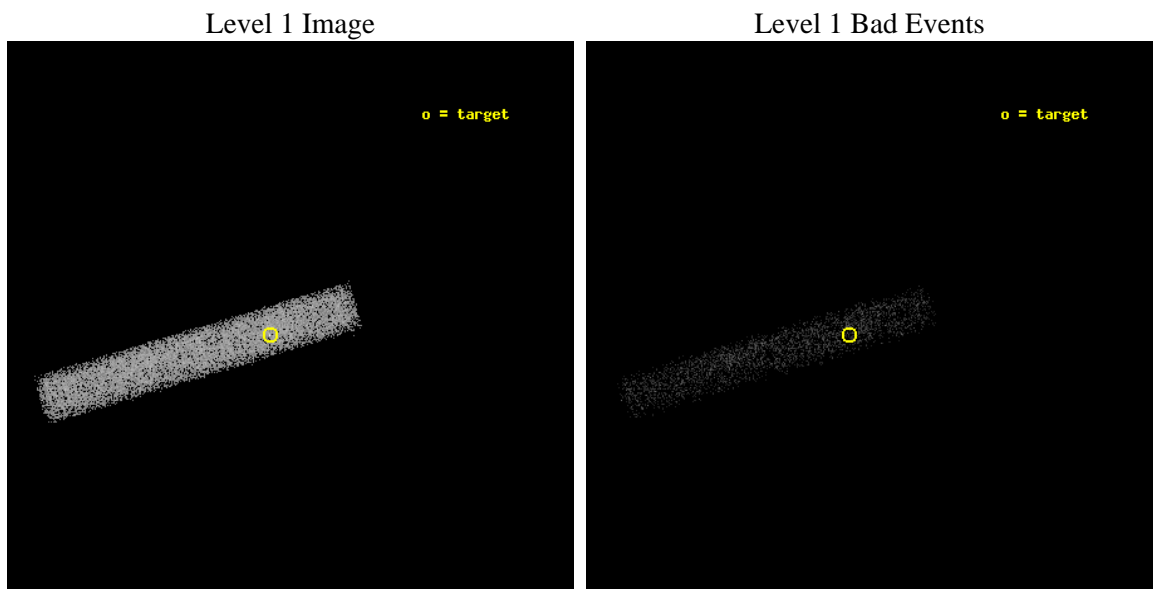
seq_num	500370	Sequence number
obs_id	3891	Observation id
title	IS AX J1845-0258 AN ANOMALOUS X-RAY PULSAR?	Proposal title
observer	Dr. Victoria Kaspi	Principal investigator
object	AX J1845-0258	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	281.2275	Observer's specified target RA [deg]
dec_targ	-2.948056	Observer's specified target Dec [deg]
ra_nom	281.21882366078	Nominal RA [deg]
dec_nom	-2.9436986813165	Nominal Dec [deg]
roll_nom	163.23861172516	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19291.877187371	Sum of GTIs [s]
livetime	17496.714300173	Livetime [s]
ontime7	19291.877187371	Sum of GTIs [s]
l2events	8744	Number of level 2 events



2 OBI

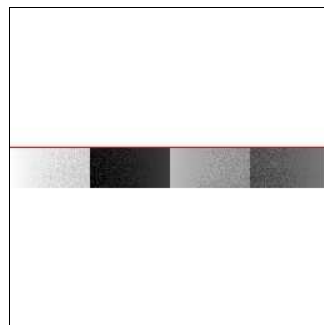
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	19000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	19291.877187371	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	19291.877187371	Sum of GTIs [s]
date	2012-10-31T03:45:59	Date and time of file creation	l1events	20751	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

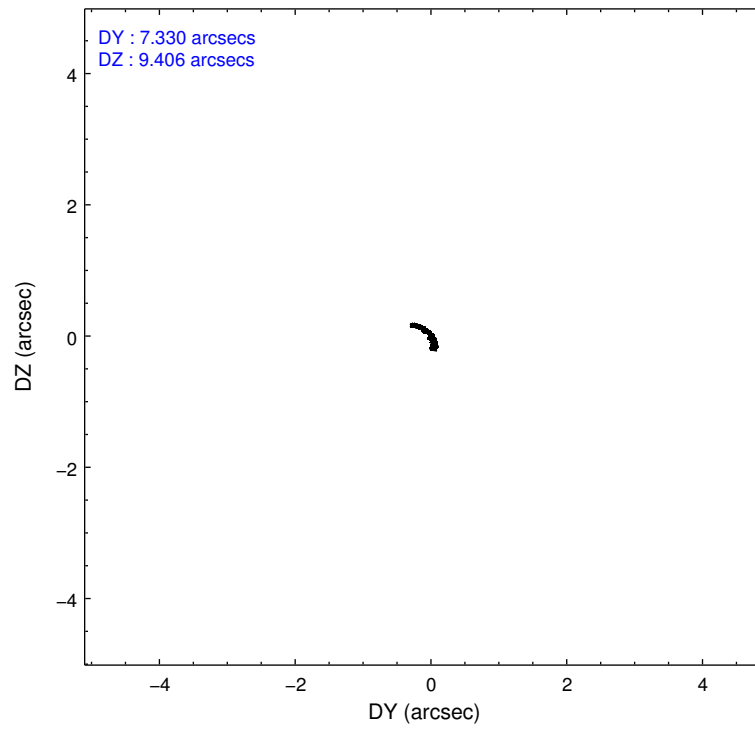
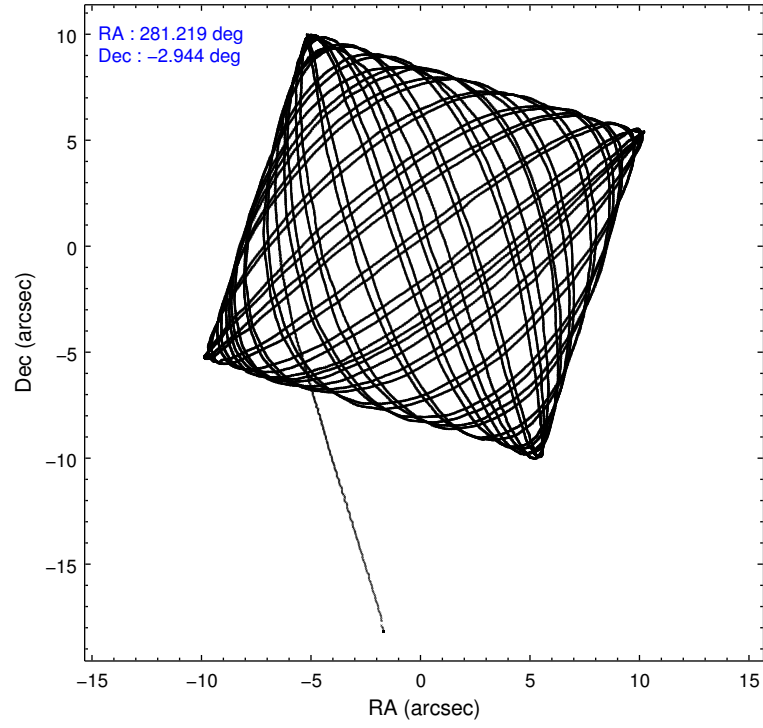
	ccd 7
level 1 events	20751
rejected events	11611
rejected %	55%

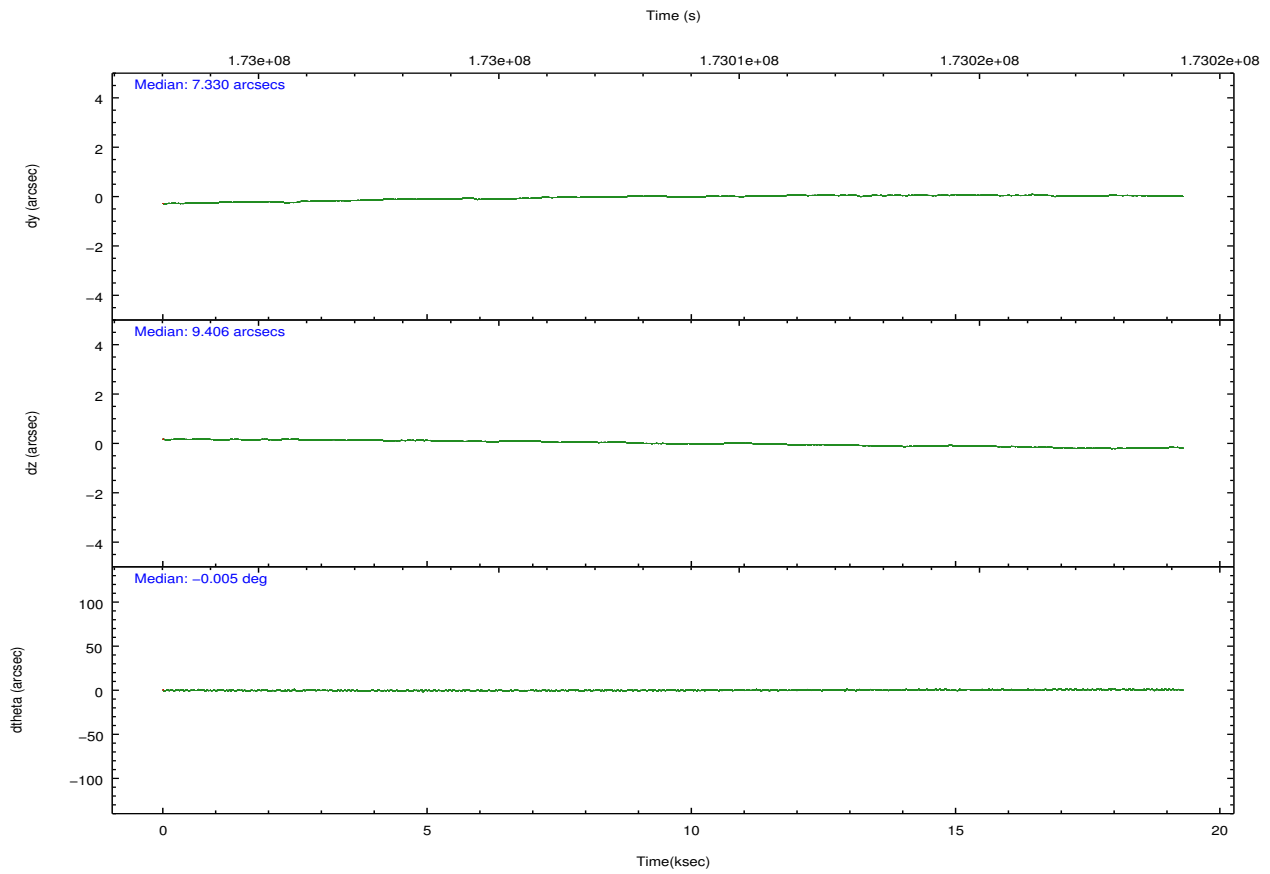
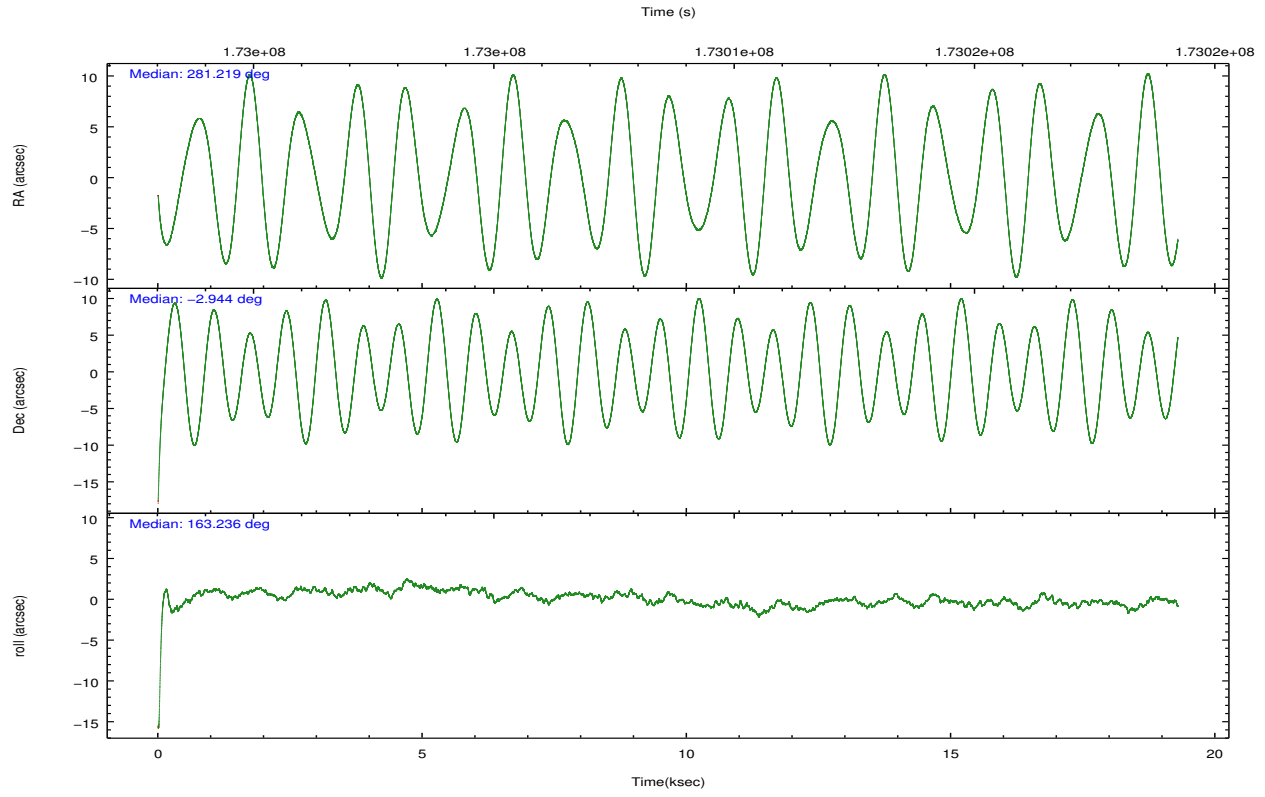
	ccd 7
grade 0 events	1009
	4%
grade 1 events	19
	0%
grade 2 events	1802
	8%
grade 3 events	1201
	5%
grade 4 events	1200
	5%
grade 5 events	1890
	9%
grade 6 events	4250
	20%
grade 7 events	9380
	45%

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	281.245319	281.2188236607843	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-2.937096	-2.943698681316466	Subarray start row	449	449
[deg] Pointing Roll	163.083355	163.2386117251606	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)	172999277.184000	172998252.87209			
Observation start date	2003-06-26T07:20:13	2003-06-26T07:04:12			
[s] Observation end time (MET)	173018277.184000	173019490.36049			
Observation end date	2003-06-26T12:36:53	2003-06-26T12:58:10			
Read mode	TIMED	TIMED			

2.3 Aspect



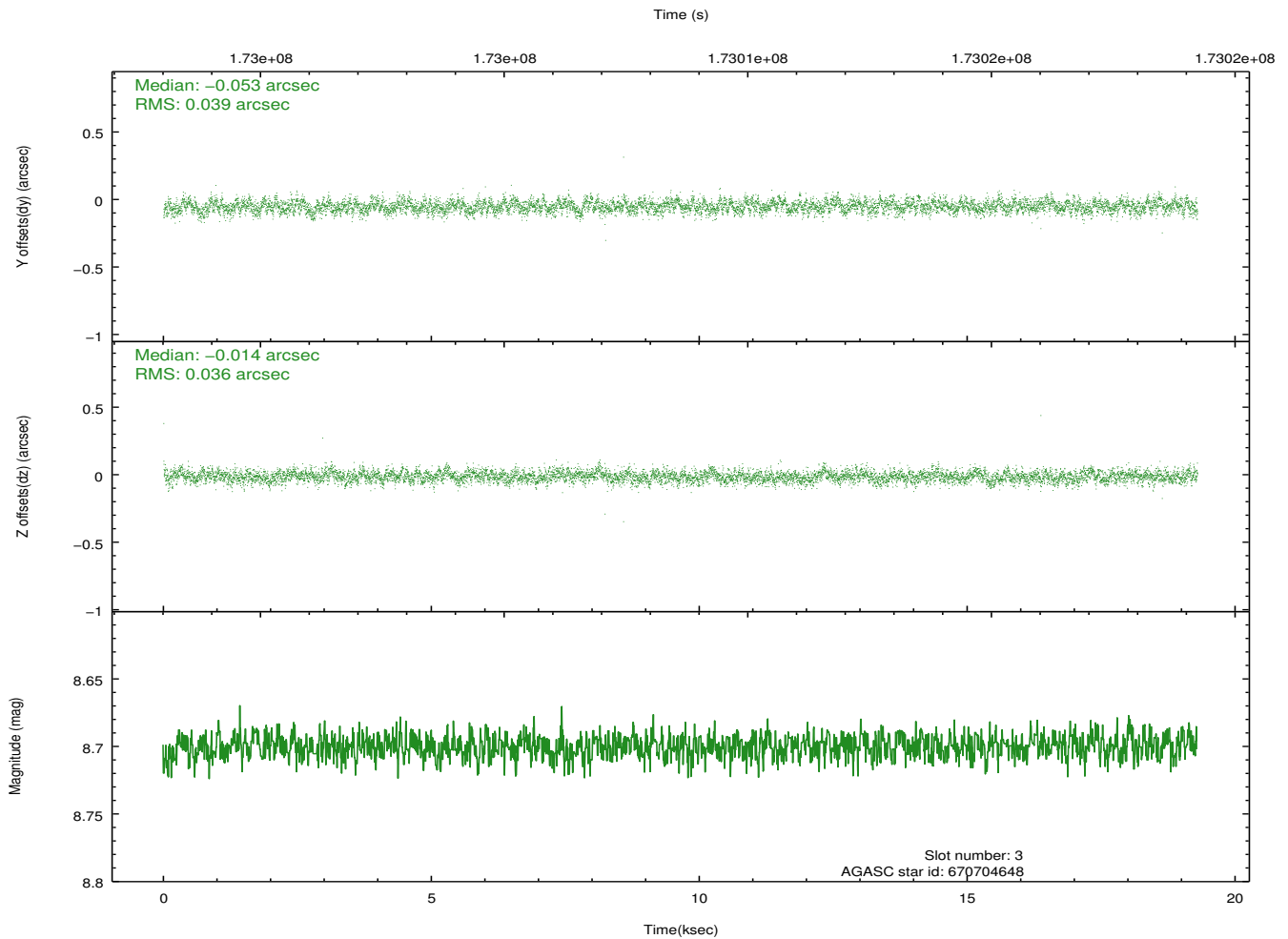
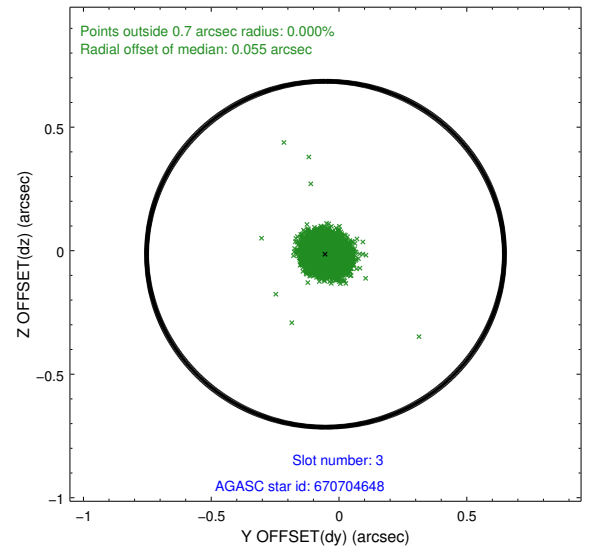
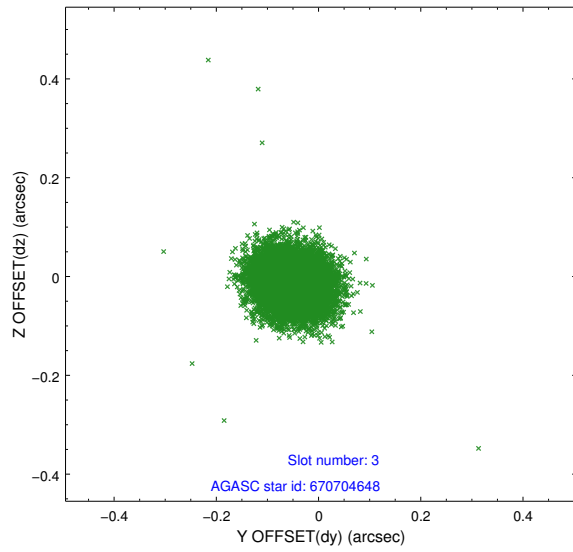


Slot Statistics

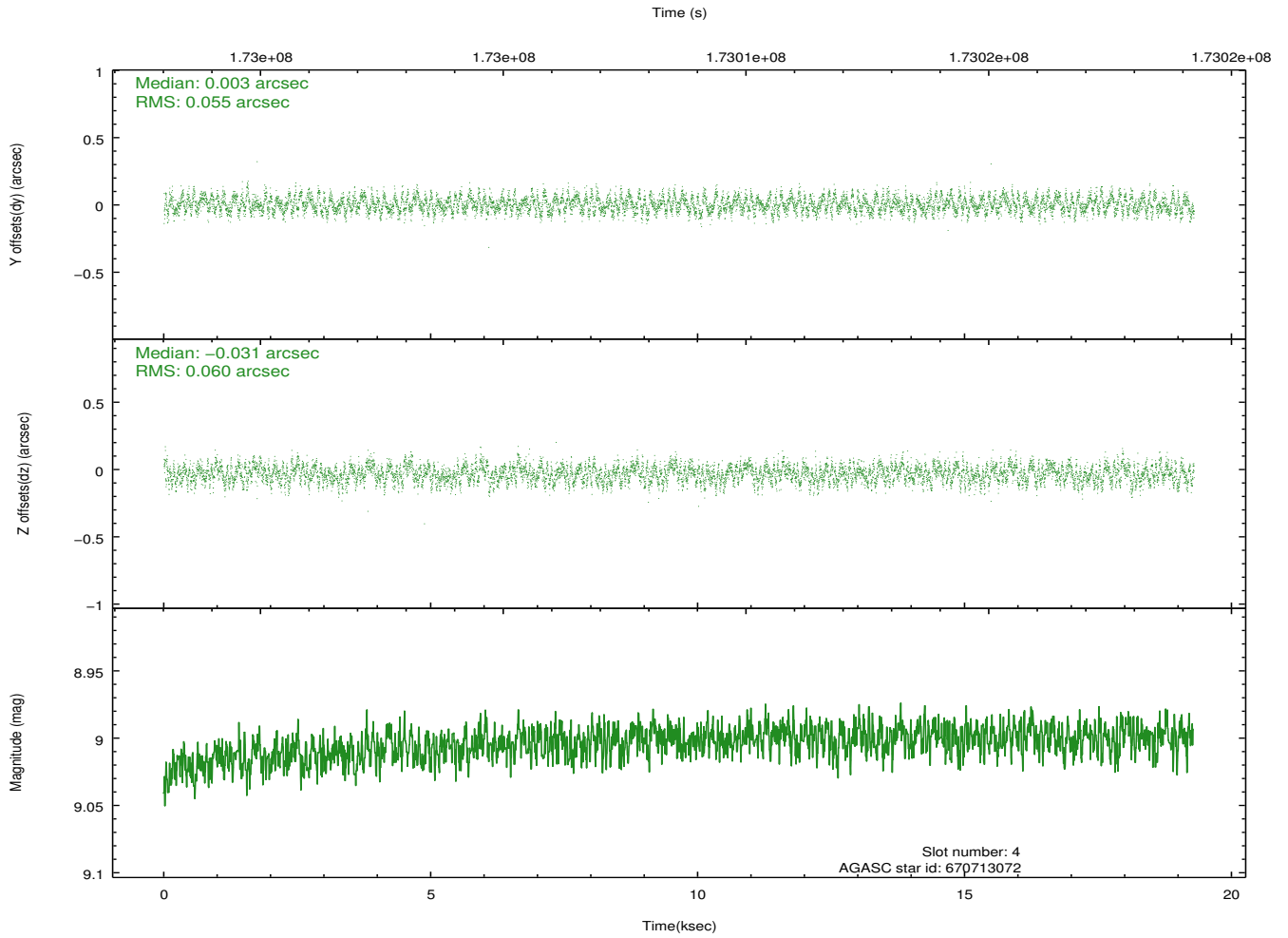
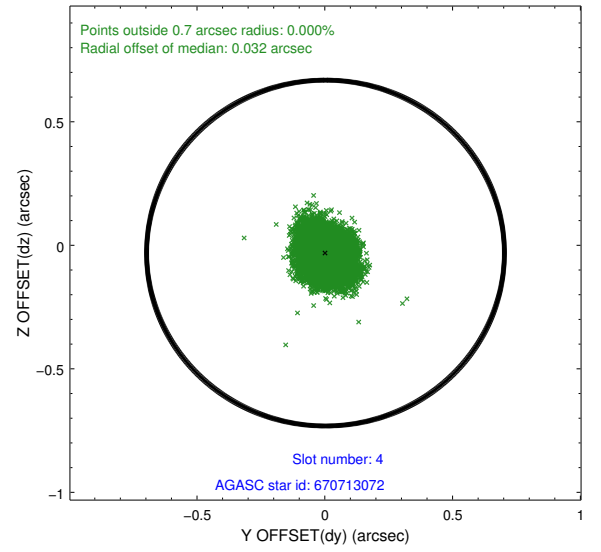
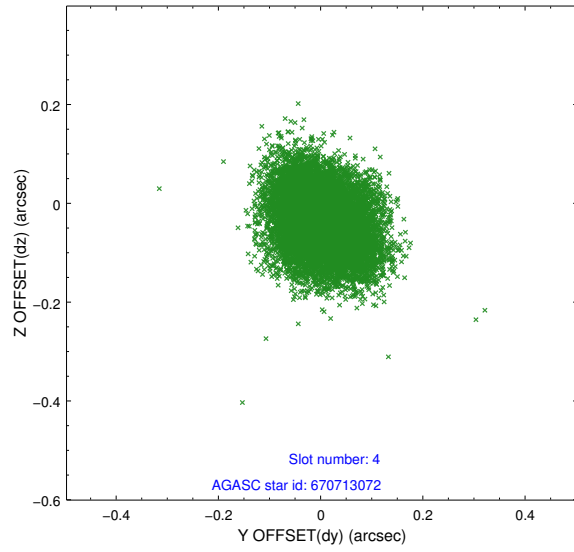
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4706	-0.032	-0.025	0.008	0.013	0.000000	0.000000	-760.05	-1730.67
1	FID	ACIS-S-4	7.20	4706	0.058	0.022	0.006	0.011	0.000000	0.000000	2153.20	177.69
2	FID	ACIS-S-5	7.23	4706	-0.058	0.012	0.010	0.017	0.000000	0.000000	-1812.69	171.53
3	GUIDE	670704648	8.70	9412	-0.053	-0.014	0.055	0.091	280.736676	-2.935747	1750.82	528.01
4	GUIDE	670713072	9.00	9408	0.003	-0.031	0.088	0.136	281.205407	-3.604132	-561.47	2339.22
5	GUIDE	670713328	7.56	9412	-0.114	-0.022	0.056	0.087	280.824681	-3.187771	1183.71	1303.89
6	GUIDE	670714008	9.02	9412	0.032	0.058	0.075	0.121	281.129237	-3.153193	172.97	865.99
7	GUIDE	670830264	8.74	9410	0.129	0.008	0.072	0.115	281.361536	-3.231556	-707.99	892.80

2.4 Star Slots

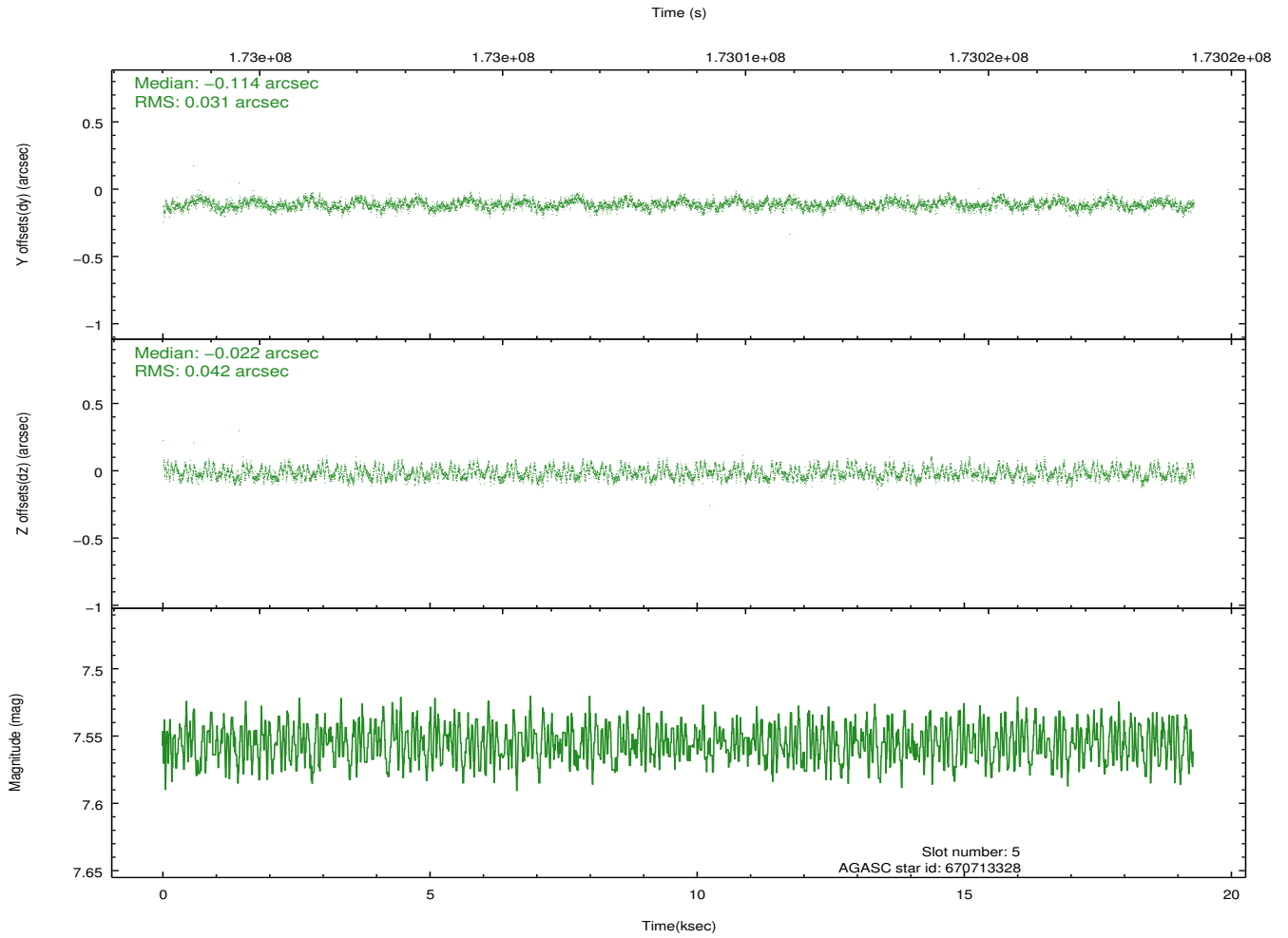
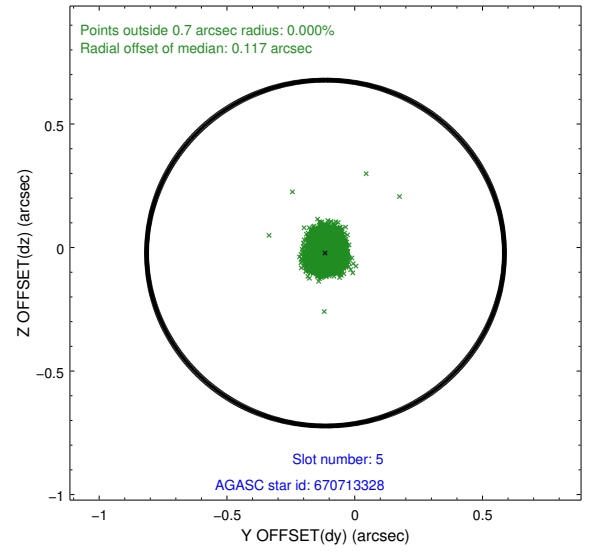
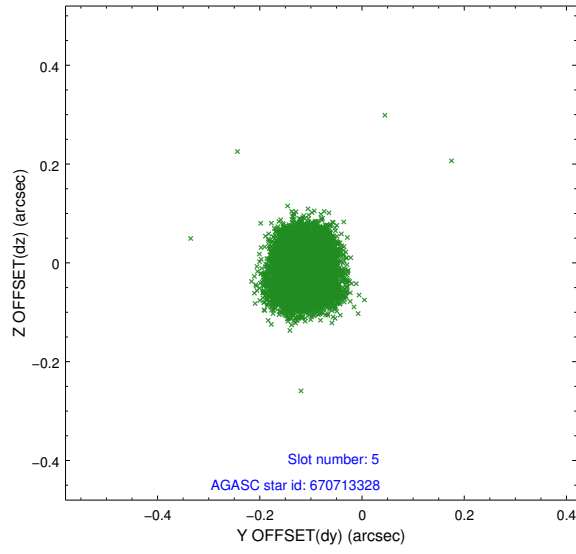
2.4.1 Slot 3



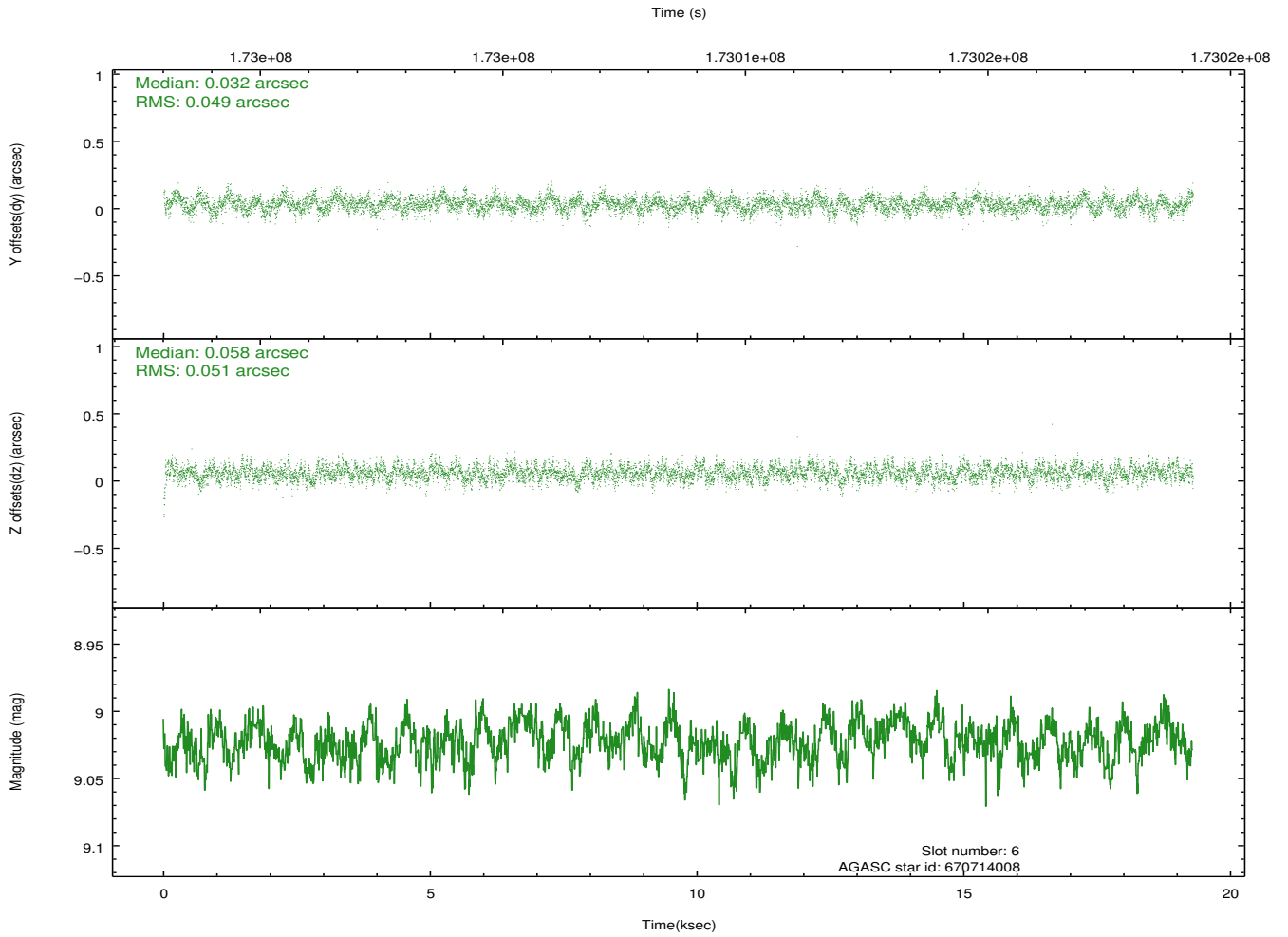
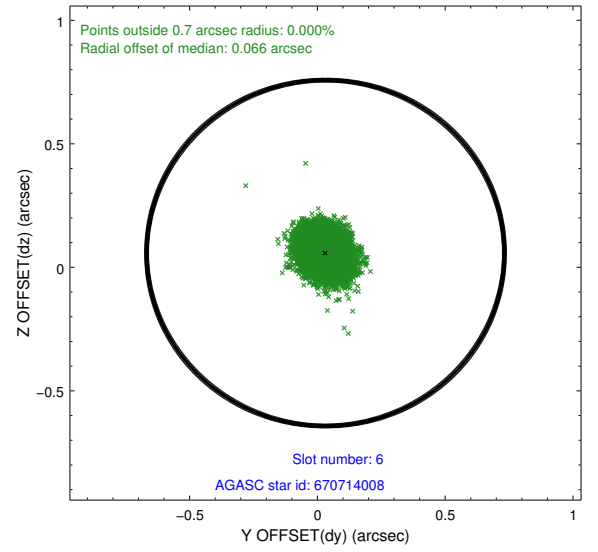
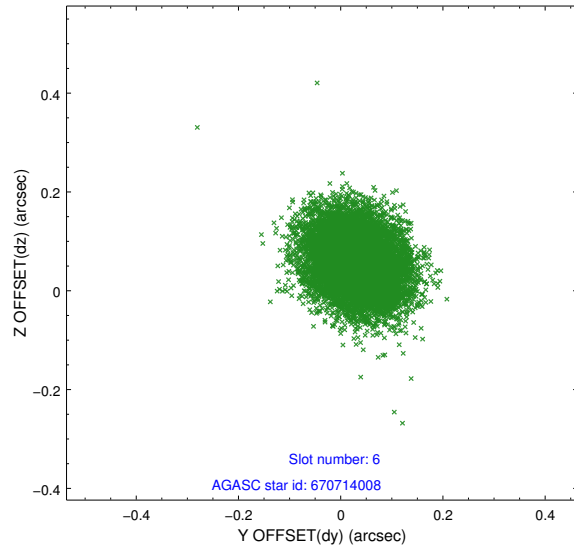
2.4.2 Slot 4



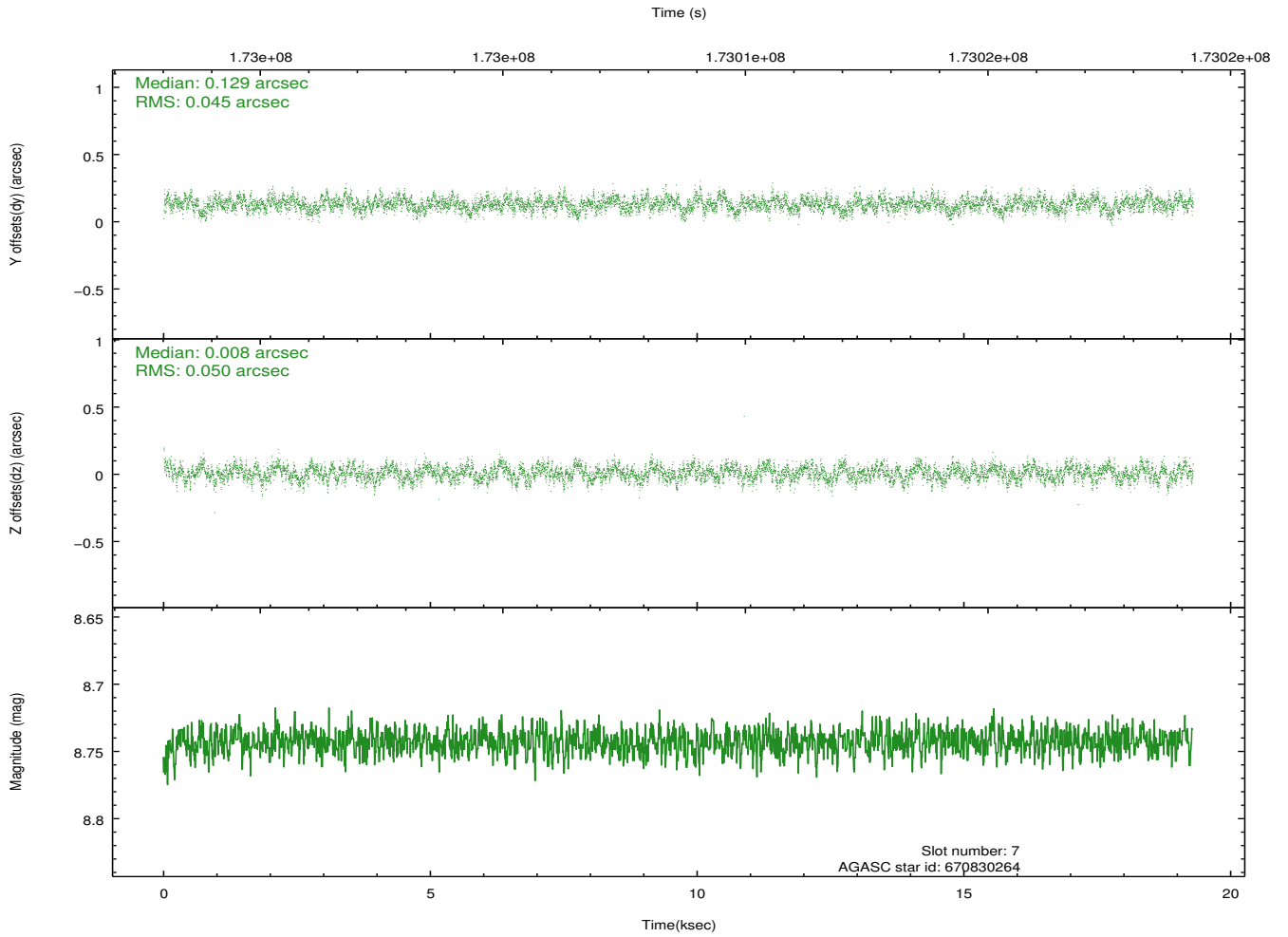
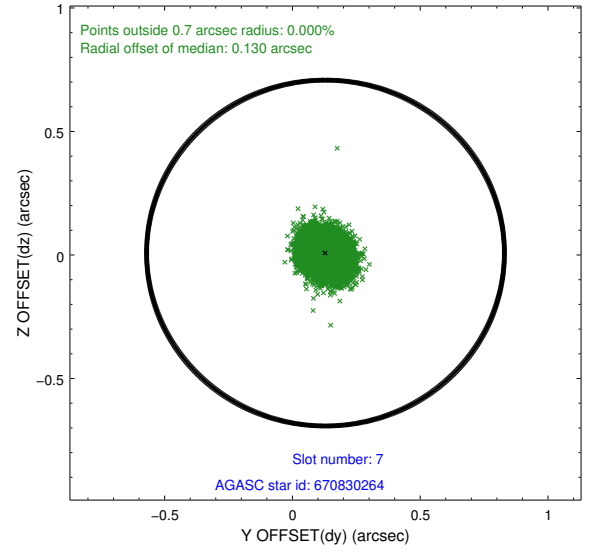
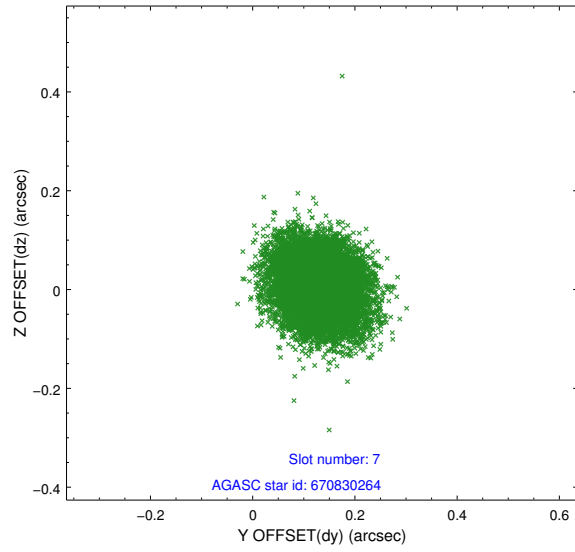
2.4.3 Slot 5



2.4.4 Slot 6

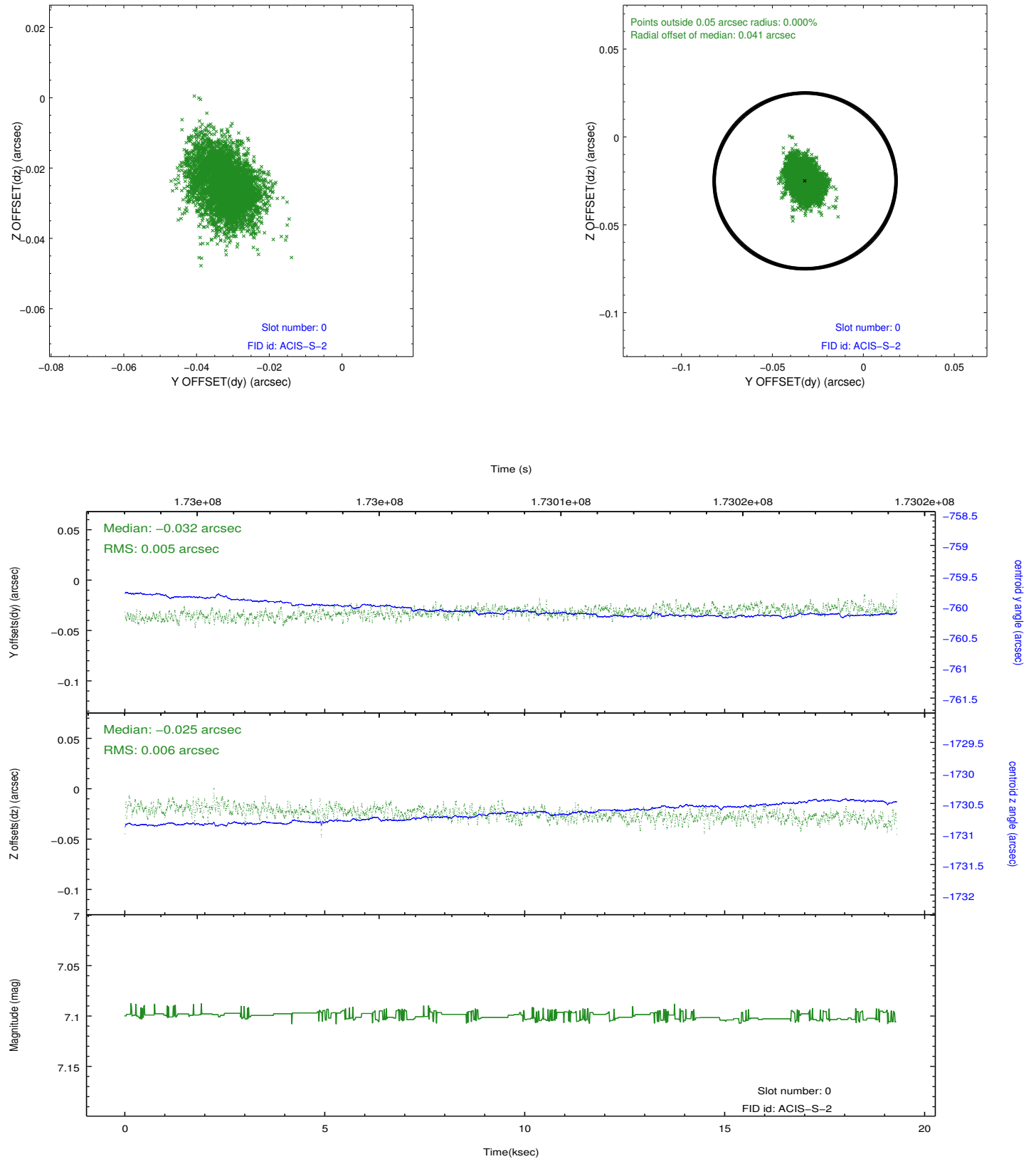


2.4.5 Slot 7

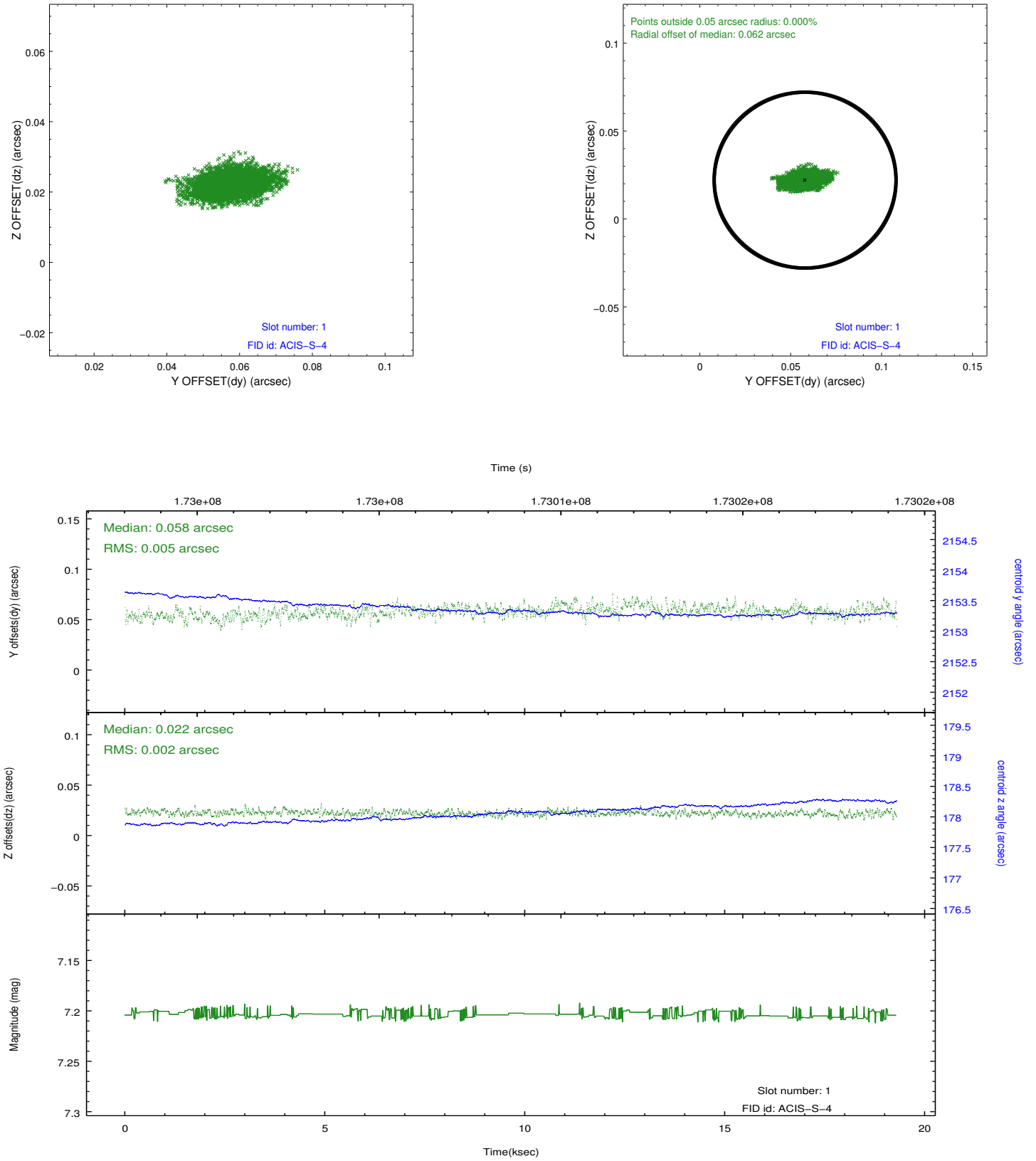


2.5 FID Slots

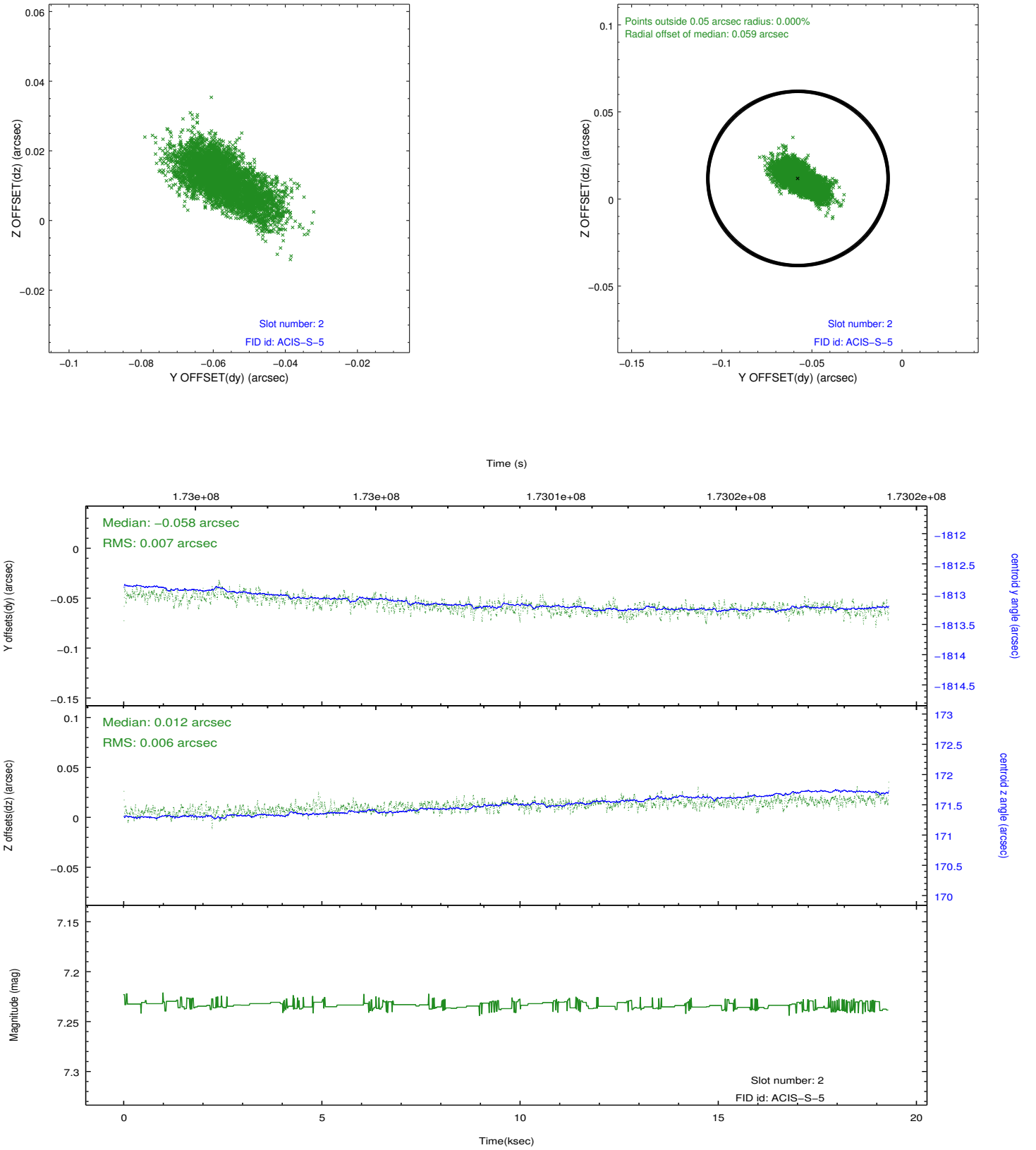
2.5.1 Slot 0



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)	2012.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.291

A.2 Comments