

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9235 - L2 Version 2
Chandra X-Ray Center

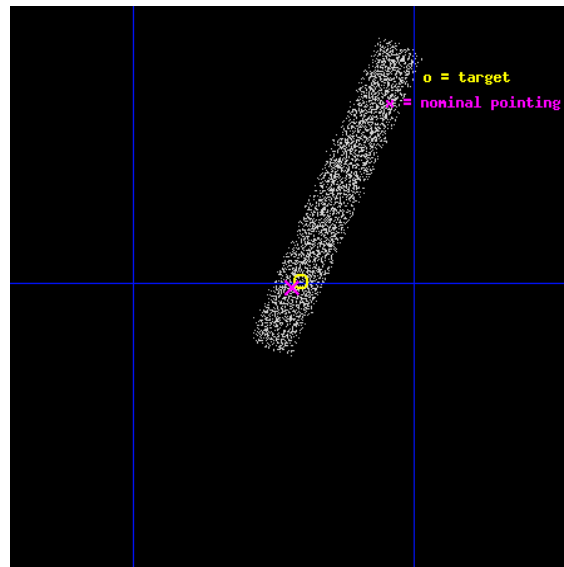
L2 Processing Date : May 6 2012

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1 Front

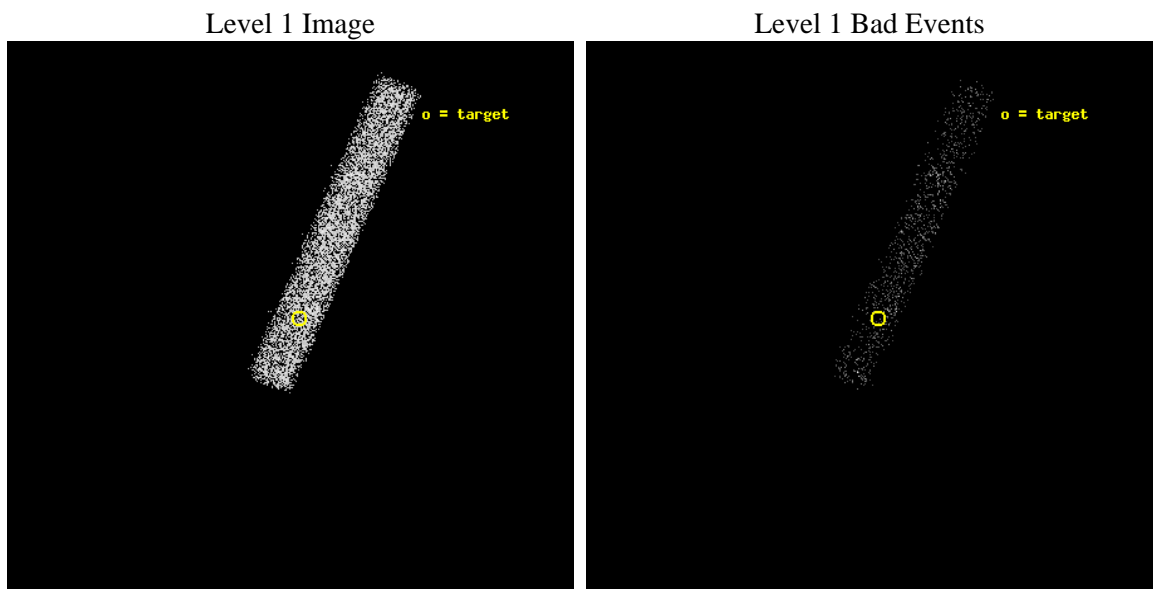
seq_num	701676	Sequence number
obs_id	9235	Observation id
title	A Chandra survey of IMBH AGNs with low Eddington ratios	Proposal t
observer	Dr Weimin Yuan	Principal investigator
object	004042.10-110957.6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.175417	Observer's specified target RA [deg]
dec_targ	-11.166	Observer's specified target Dec [deg]
ra_nom	10.179604725061	Nominal RA [deg]
dec_nom	-11.168752202113	Nominal Dec [deg]
roll_nom	293.91111125376	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5166.7996920347	Sum of GTIs [s]
livetime	4686.0145946261	Livetime [s]
ontime7	5166.7996920347	Sum of GTIs [s]
l2events	4133	Number of level 2 events



2 OBI

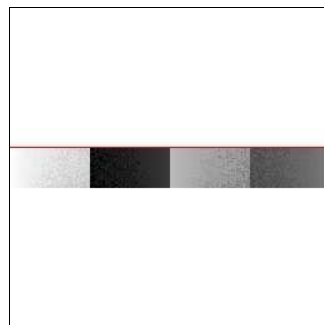
2.1 OBI

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	5166.7996920347	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5166.7996920347	Sum of GTIs [s]
date	2012-05-06T14:47:26	Date and time of file creation	l1events	11102	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

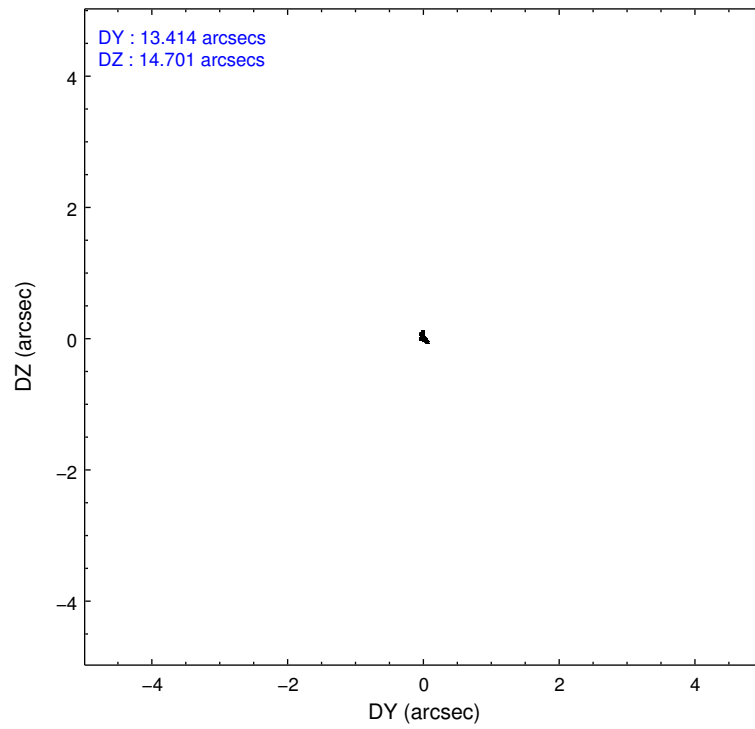
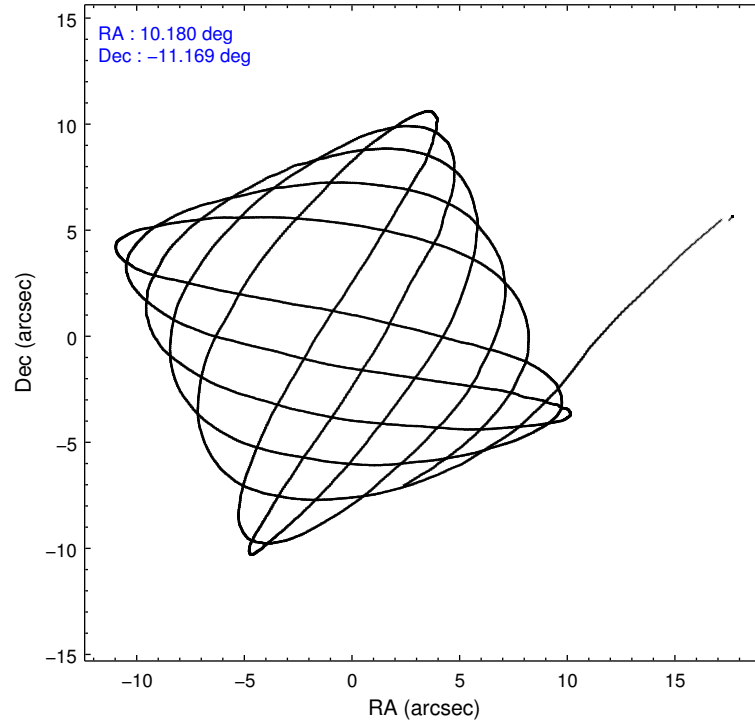
	ccd 7
level 1 events	11102
rejected events	6808
rejected %	61%

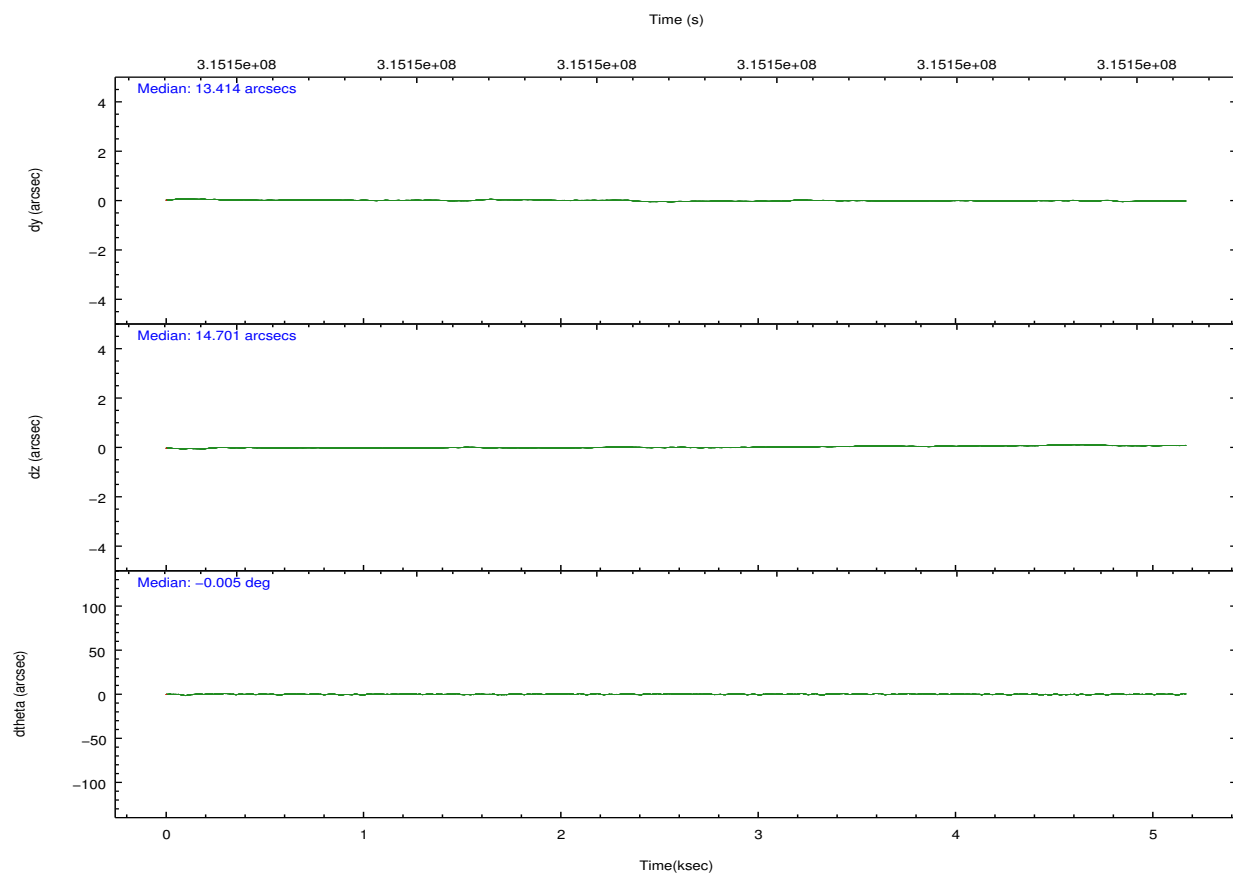
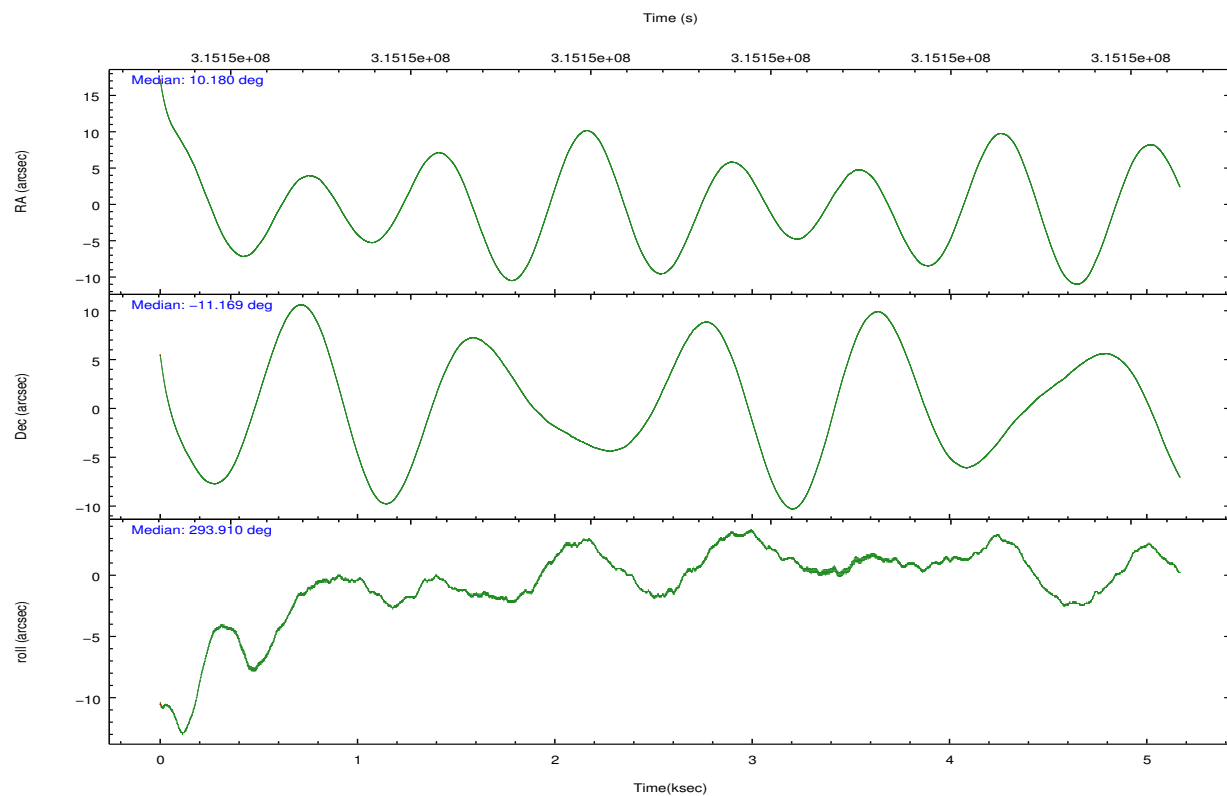
	ccd 7
grade 0 events	497
	4%
grade 1 events	24
	0%
grade 2 events	963
	8%
grade 3 events	619
	5%
grade 4 events	607
	5%
grade 5 events	1040
	9%
grade 6 events	2327
	20%
grade 7 events	5025
	45%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	10.156751	10.179604725061	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-11.152939	-11.16875220211289	Subarray start row	449	449
[deg] Pointing Roll	293.750066	293.911111253757	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)	315149031.184000	315147915.67175			
Observation start date	2007-12-27T13:22:46	2007-12-27T13:05:15			
[s] Observation end time (MET)	315154031.184000	315155064.5346			
Observation end date	2007-12-27T14:46:06	2007-12-27T15:04:24			
Read mode	TIMED	TIMED			

2.3 Aspect



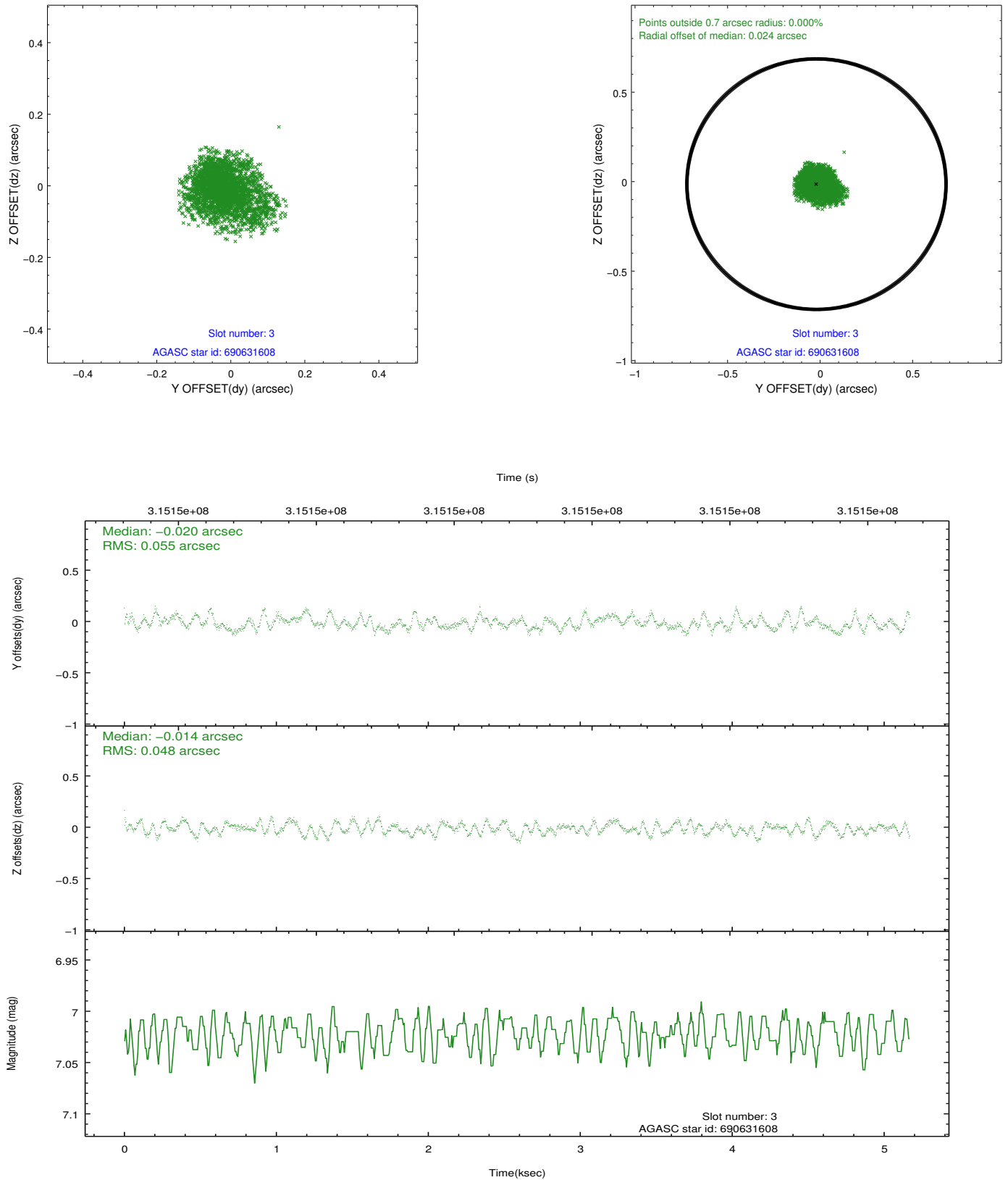


Slot Statistics

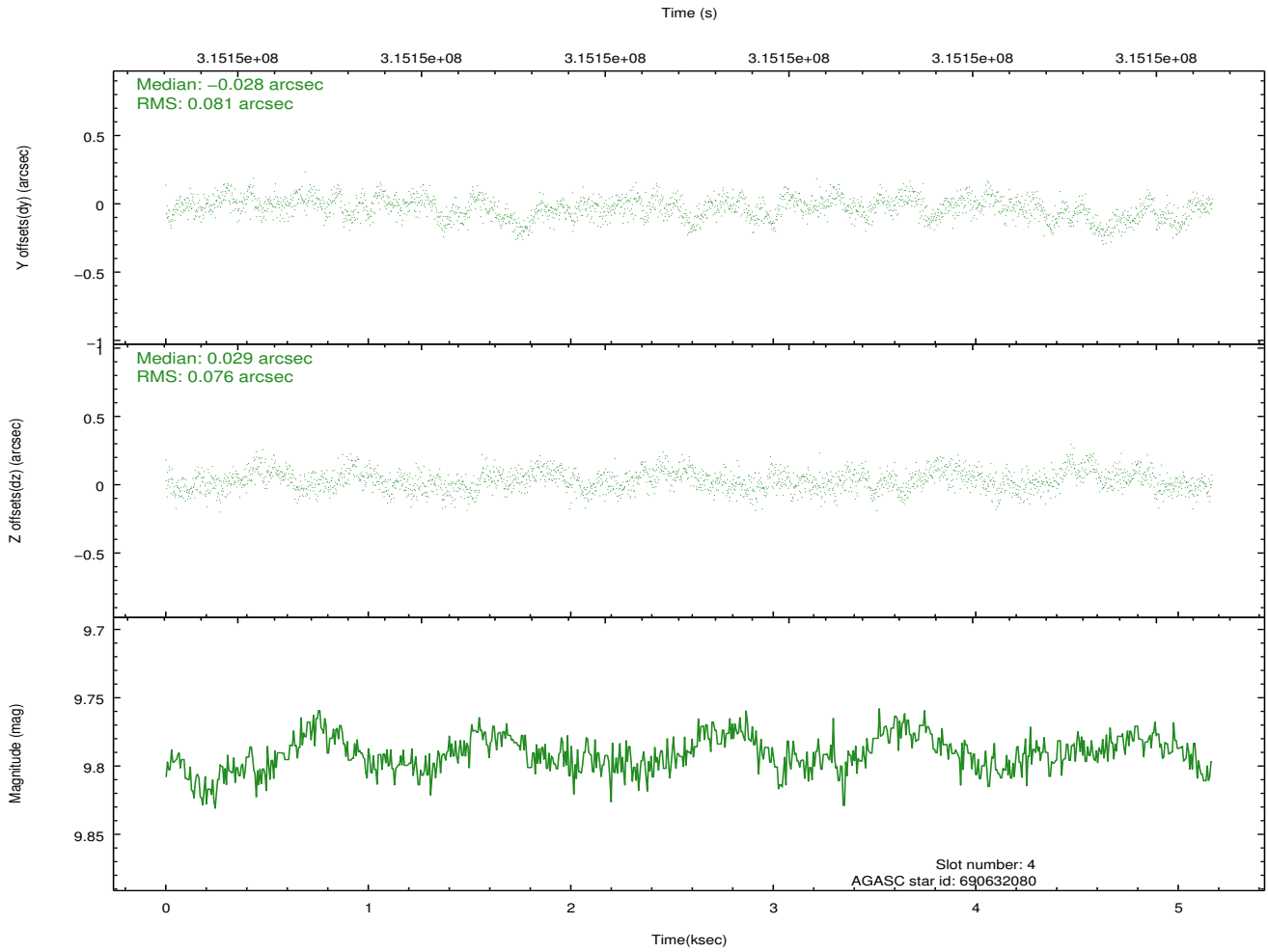
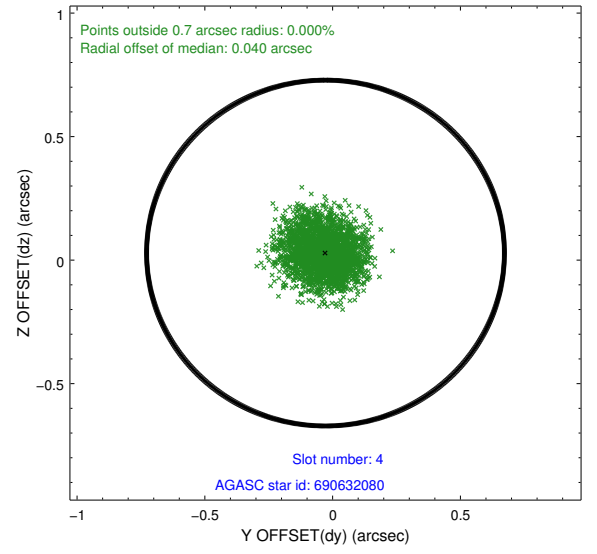
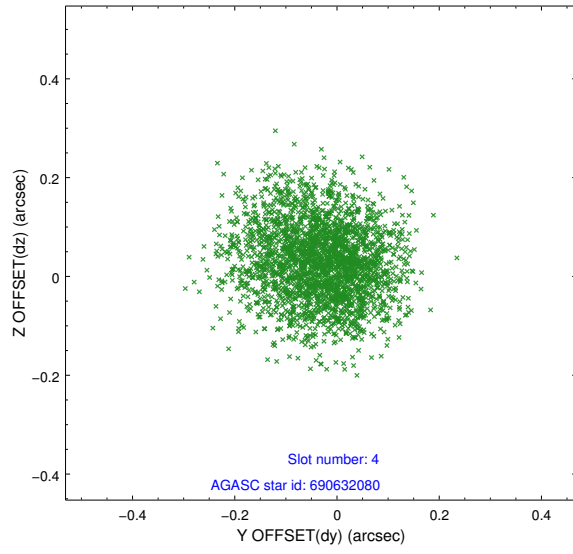
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1261	-0.055	-0.037	0.006	0.010	0.000000	0.000000	-766.37	-1736.14
1	FID	ACIS-S-4	7.19	1261	0.184	0.036	0.006	0.010	0.000000	0.000000	2146.58	171.25
2	FID	ACIS-S-5	7.22	1261	-0.160	0.009	0.006	0.011	0.000000	0.000000	-1817.84	166.17
3	GUIDE	690631608	7.02	2522	-0.020	-0.014	0.078	0.124	9.931703	-11.150781	-325.93	-725.54
4	GUIDE	690632080	9.79	2519	-0.028	0.029	0.120	0.190	9.512642	-10.834450	-1964.32	-1624.27
5	GUIDE	690635400	7.53	2522	-0.263	-0.004	0.058	0.106	9.638347	-10.690067	-2263.22	-1008.76
6	GUIDE	690893168	10.34	2516	0.236	-0.099	0.188	0.344	9.809482	-11.803273	1650.47	-2064.13
7	GUIDE	690896720	9.17	2517	0.088	0.087	0.099	0.160	10.195840	-11.367026	762.04	-184.50

2.4 Star Slots

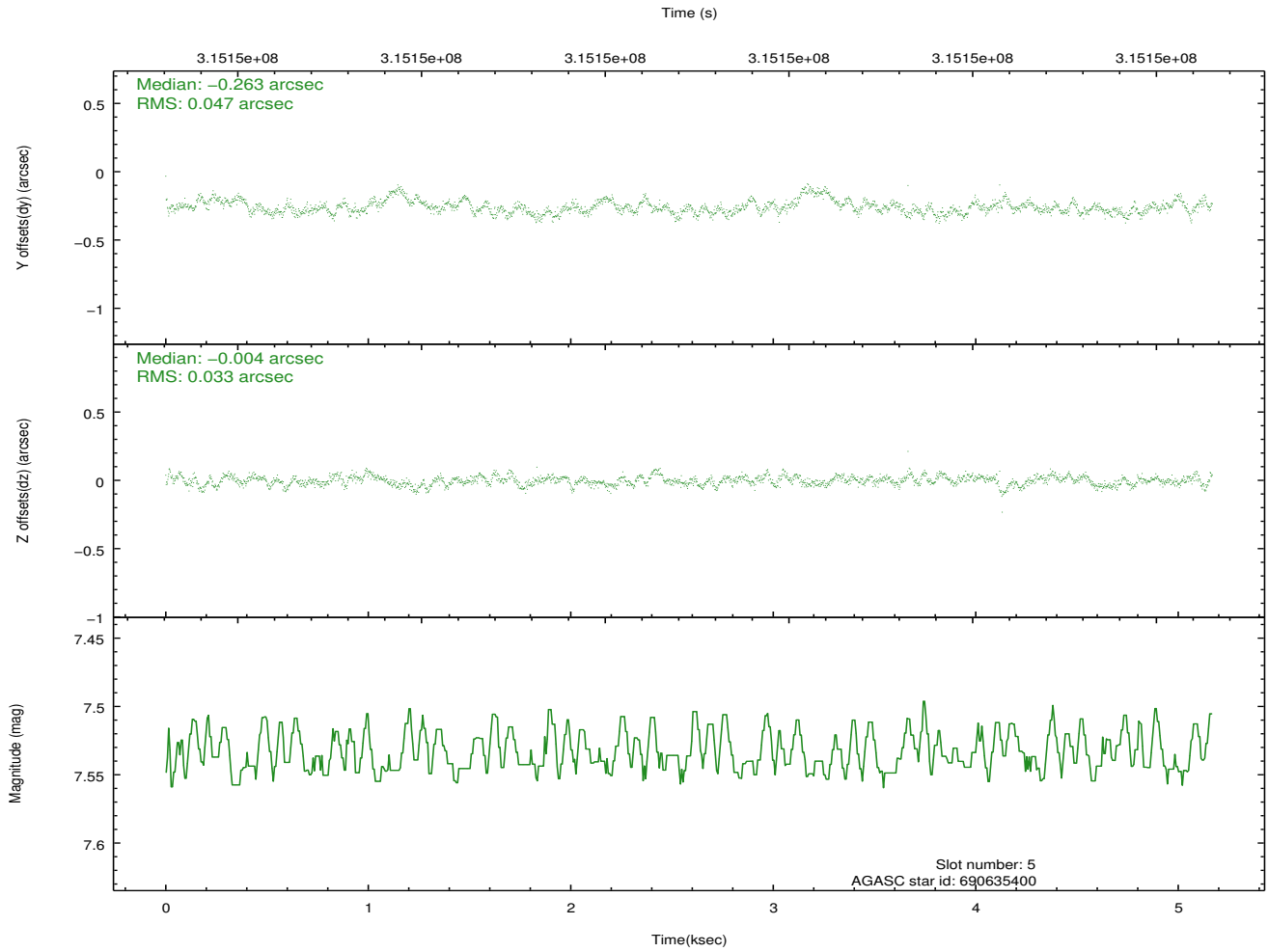
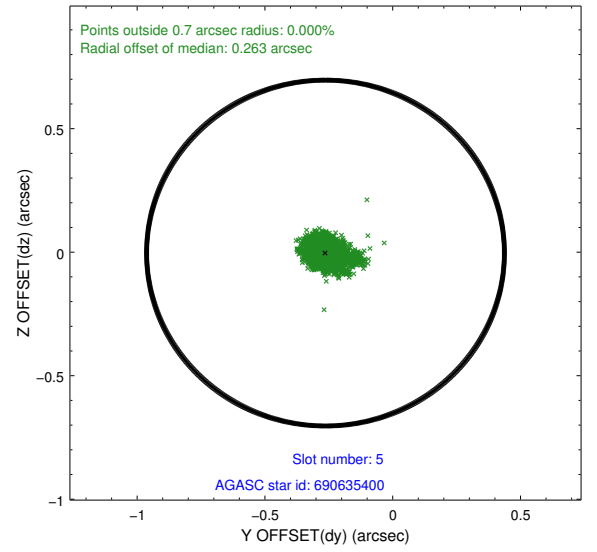
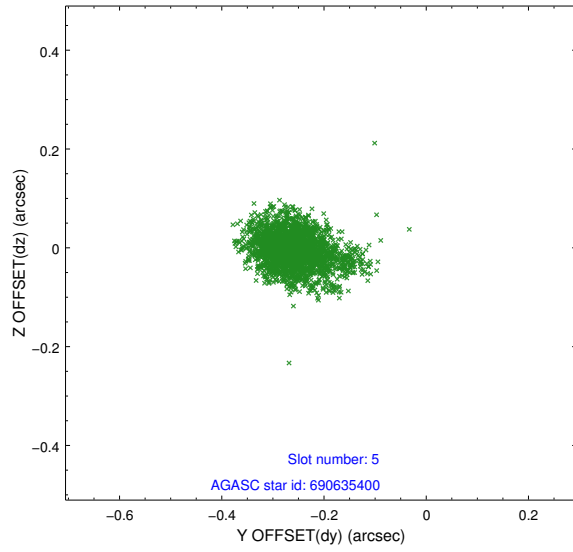
2.4.1 Slot 3



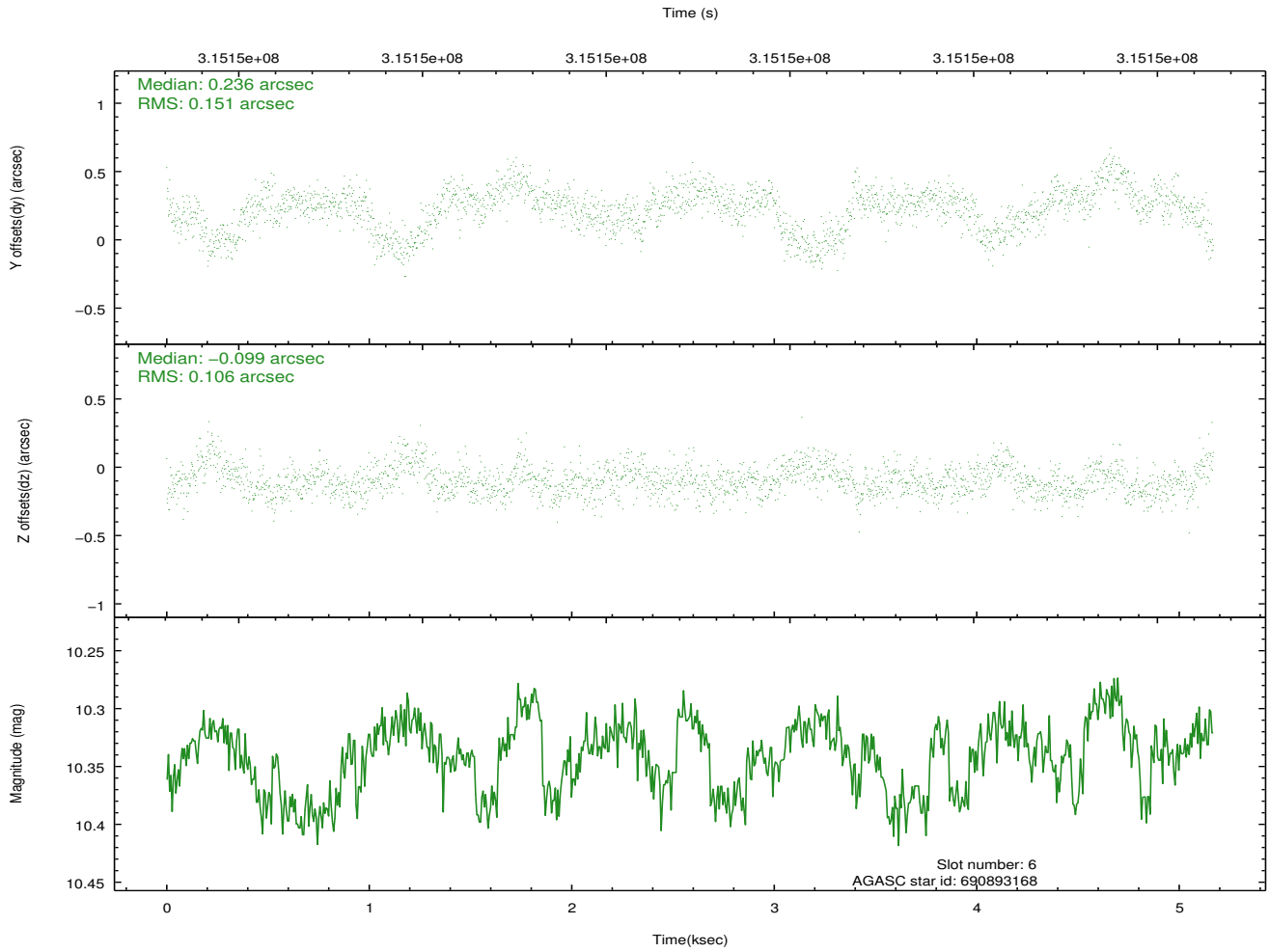
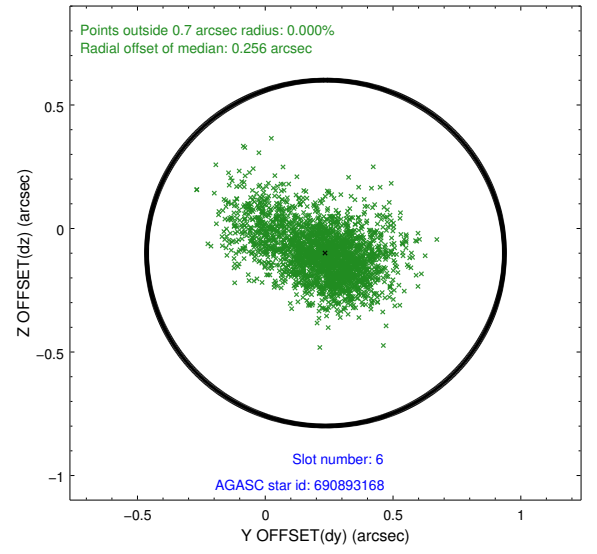
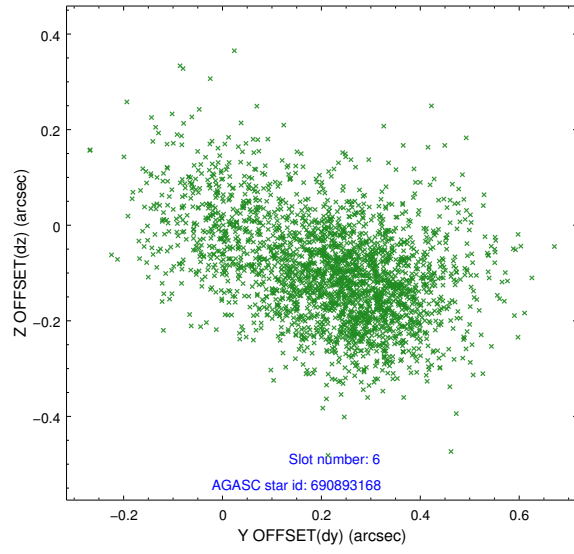
2.4.2 Slot 4



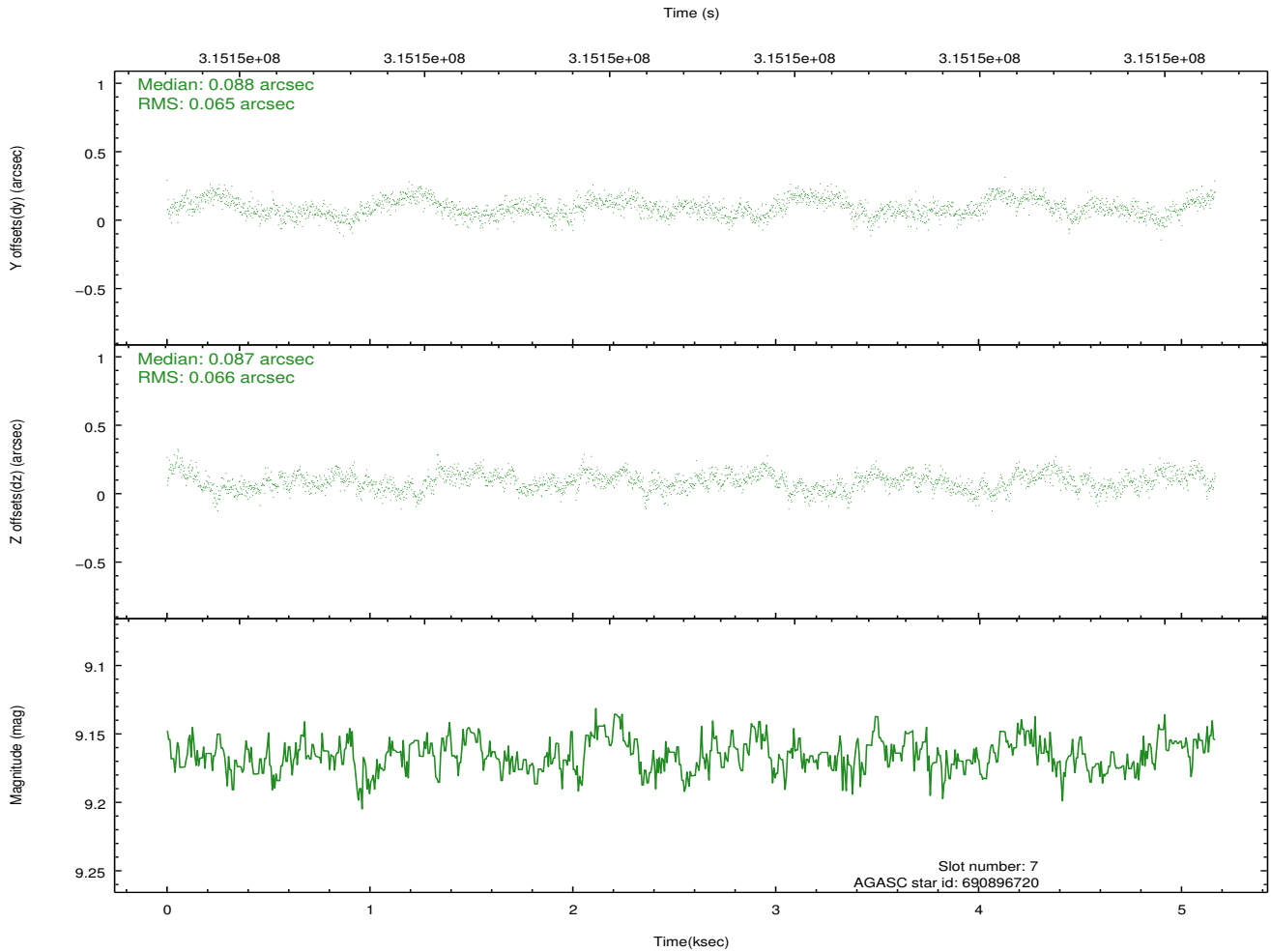
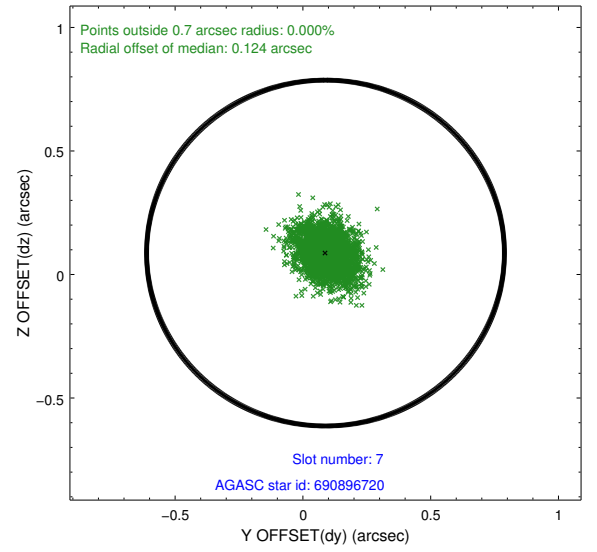
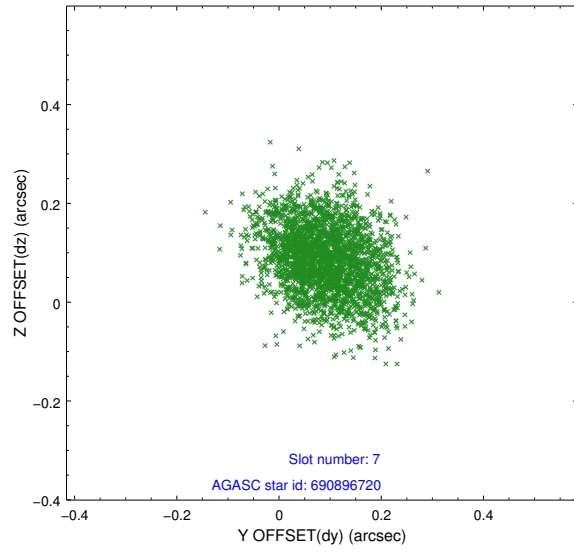
2.4.3 Slot 5



2.4.4 Slot 6

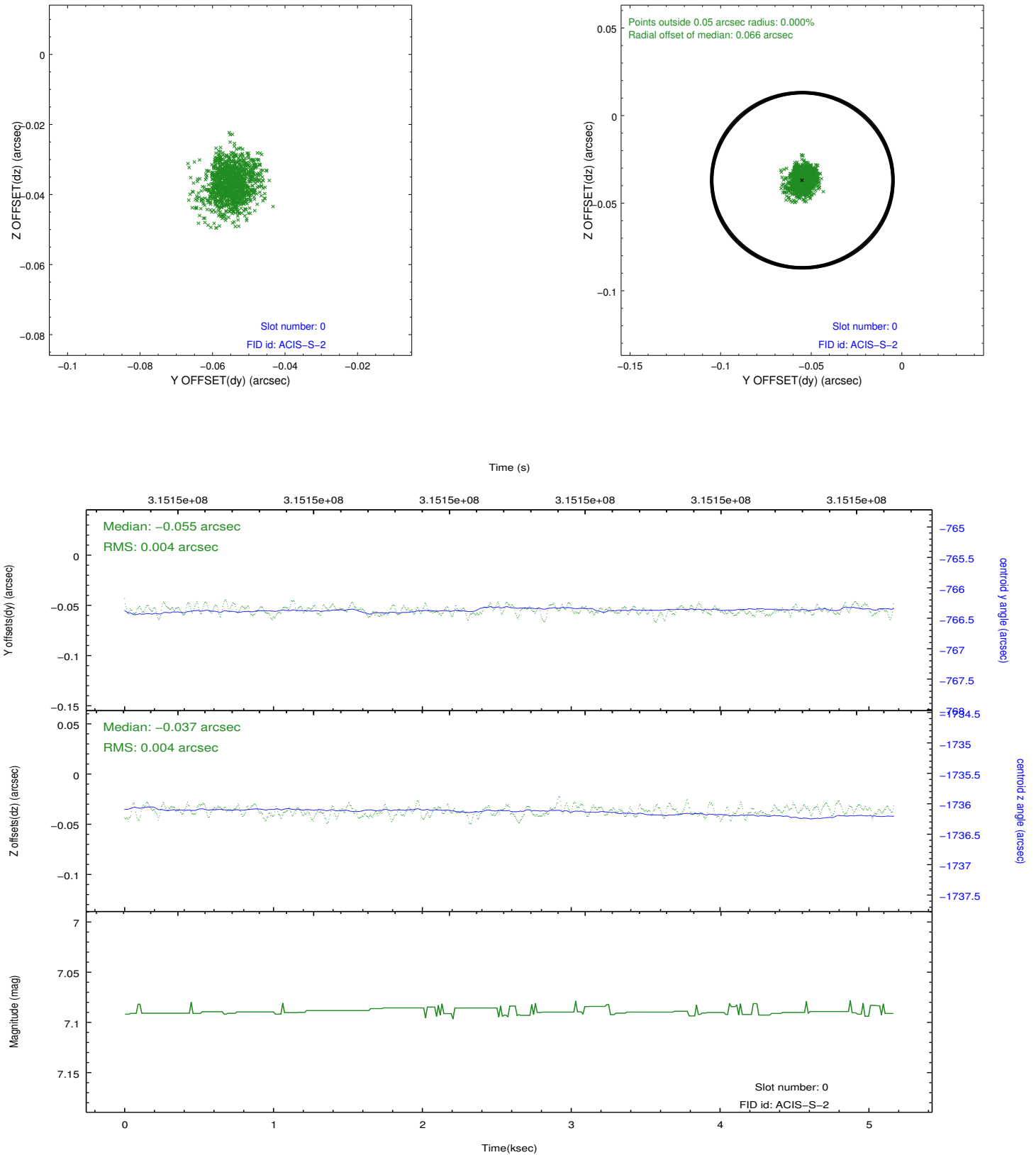


2.4.5 Slot 7

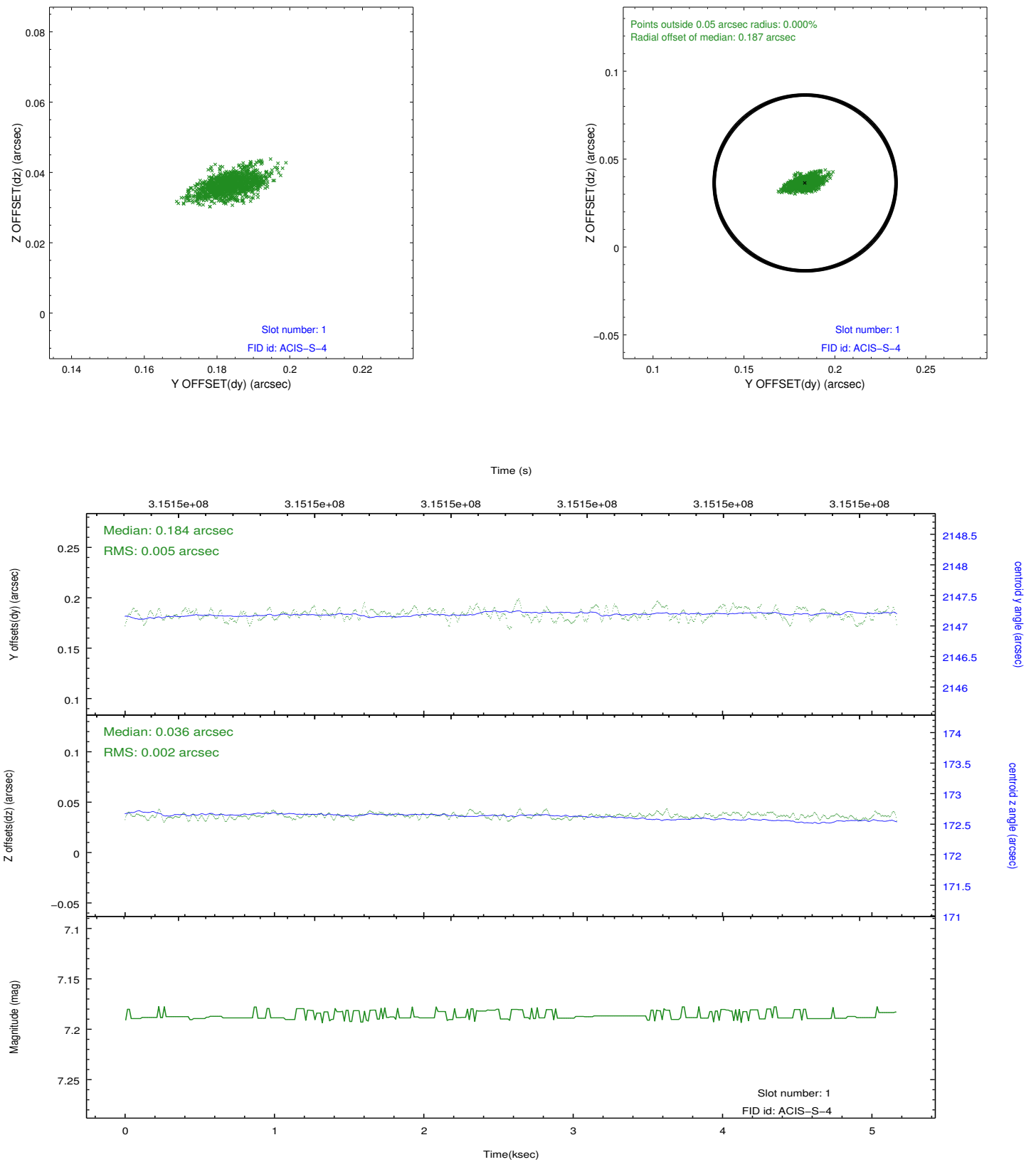


2.5 FID Slots

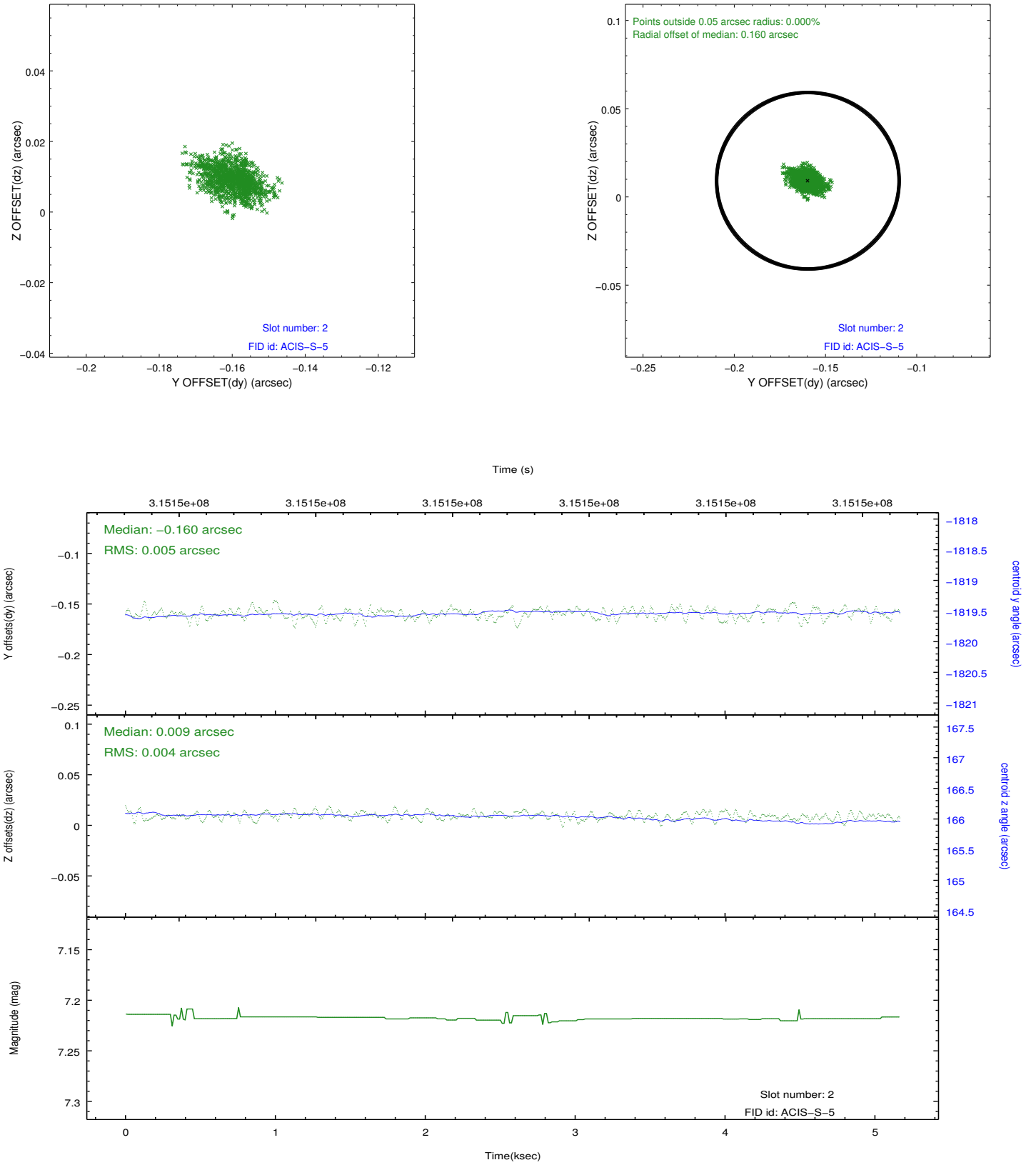
2.5.1 Slot 0



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)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.16679969

A.2 Comments