

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2408 - L2 Version 3
Chandra X-Ray Center

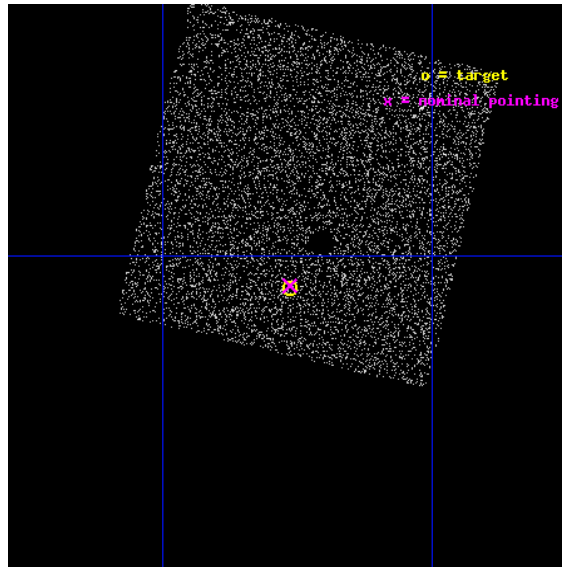
L2 Processing Date : Sep 4 2012

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1 Front

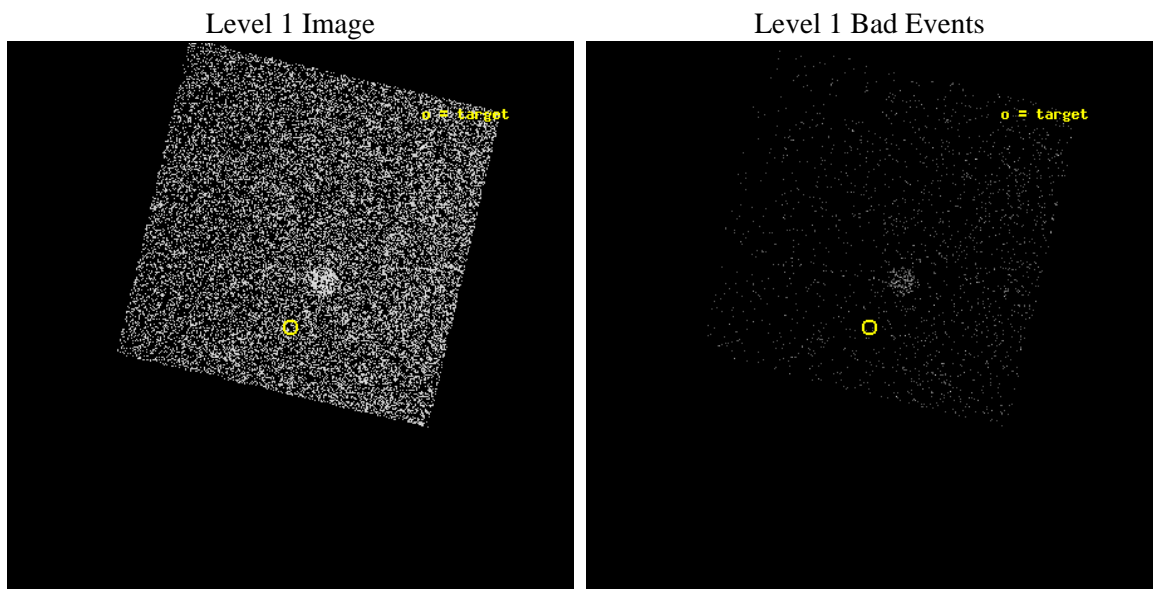
seq_num	190005	Sequence number
obs_id	2408	Observation id
title	ACIS OBSERVATIONS OF JUPITER	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	JUPITER	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	61.690883	Observer's specified target RA [deg]
dec_targ	19.986269	Observer's specified target Dec [deg]
ra_nom	61.691230853102	Nominal RA [deg]
dec_nom	19.987089004674	Nominal Dec [deg]
roll_nom	283.14131856223	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3343.9870998561	Sum of GTIs [s]
livetime	3298.8587126669	Livetime [s]
ontime7	3343.9870998561	Sum of GTIs [s]
l2events	10197	Number of level 2 events



2 OBI

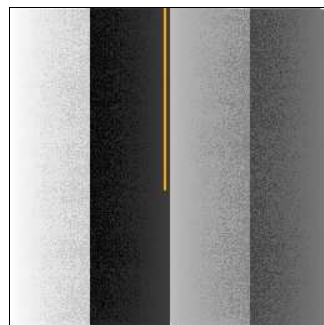
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3343.9870998561	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	3343.9870998561	Sum of GTIs [s]
date	2012-09-05T01:20:03	Date and time of file creation	l1events	25709	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	25709
rejected events	15376
rejected %	59%

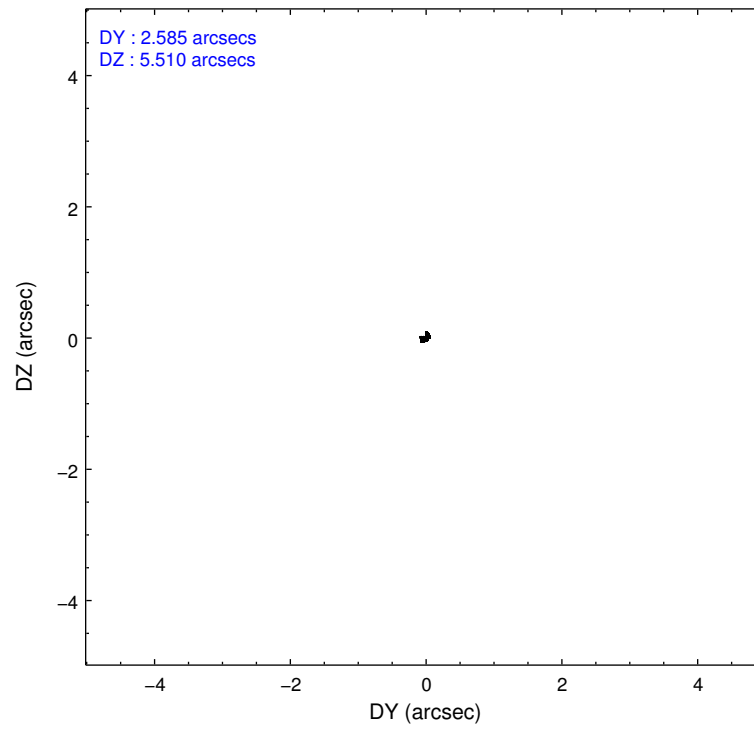
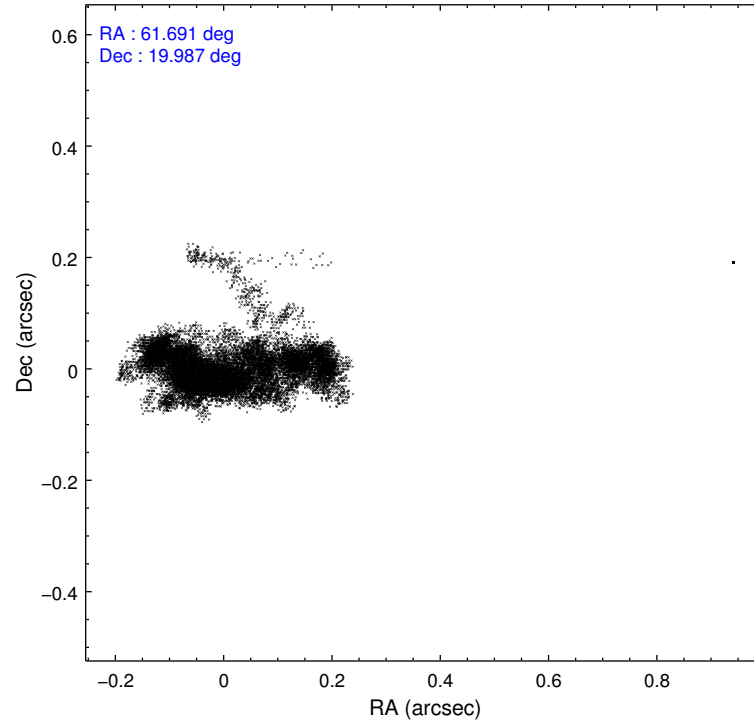
	ccd 7
grade 0 events	826
	3%
grade 1 events	17
	0%
grade 2 events	2200
	8%
grade 3 events	823
	3%
grade 4 events	859
	3%
grade 5 events	2364
	9%
grade 6 events	5629
	21%
grade 7 events	12991
	50%

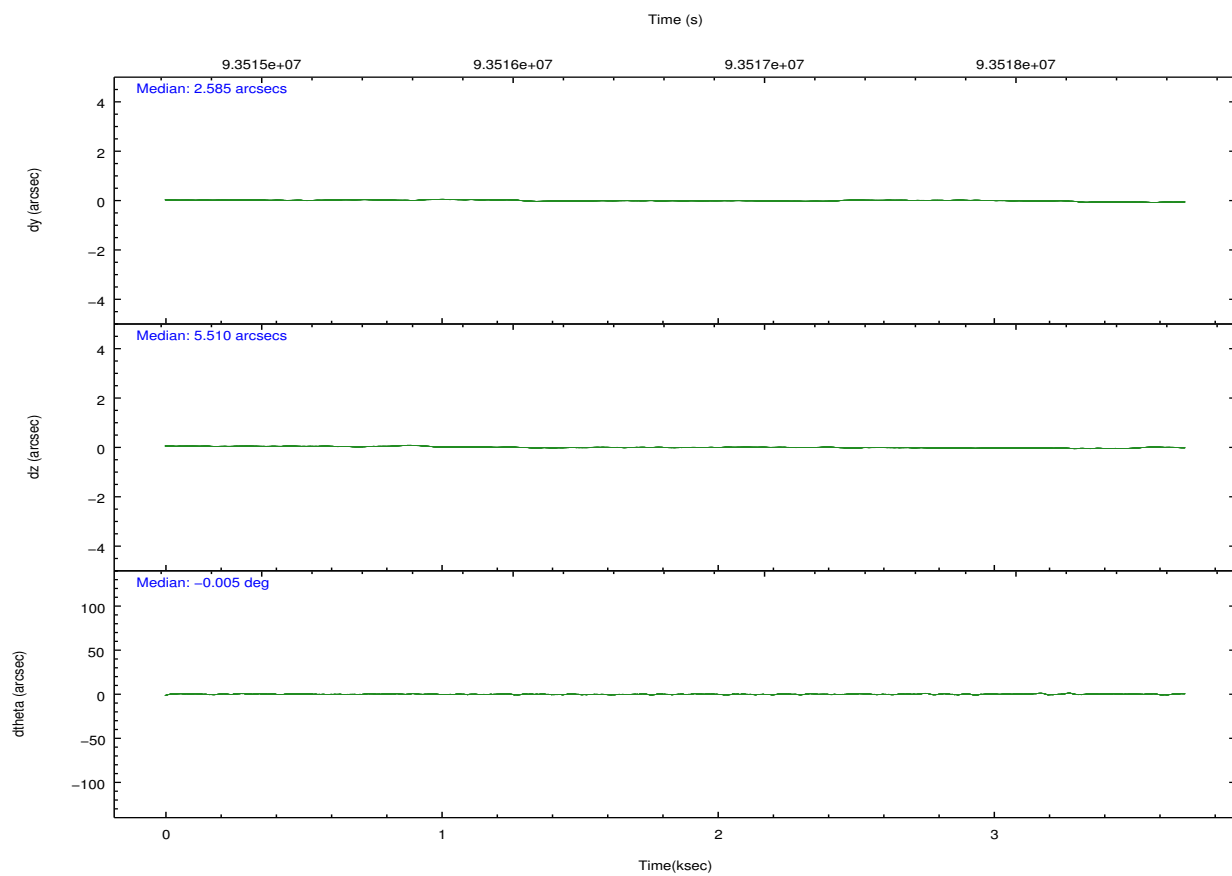
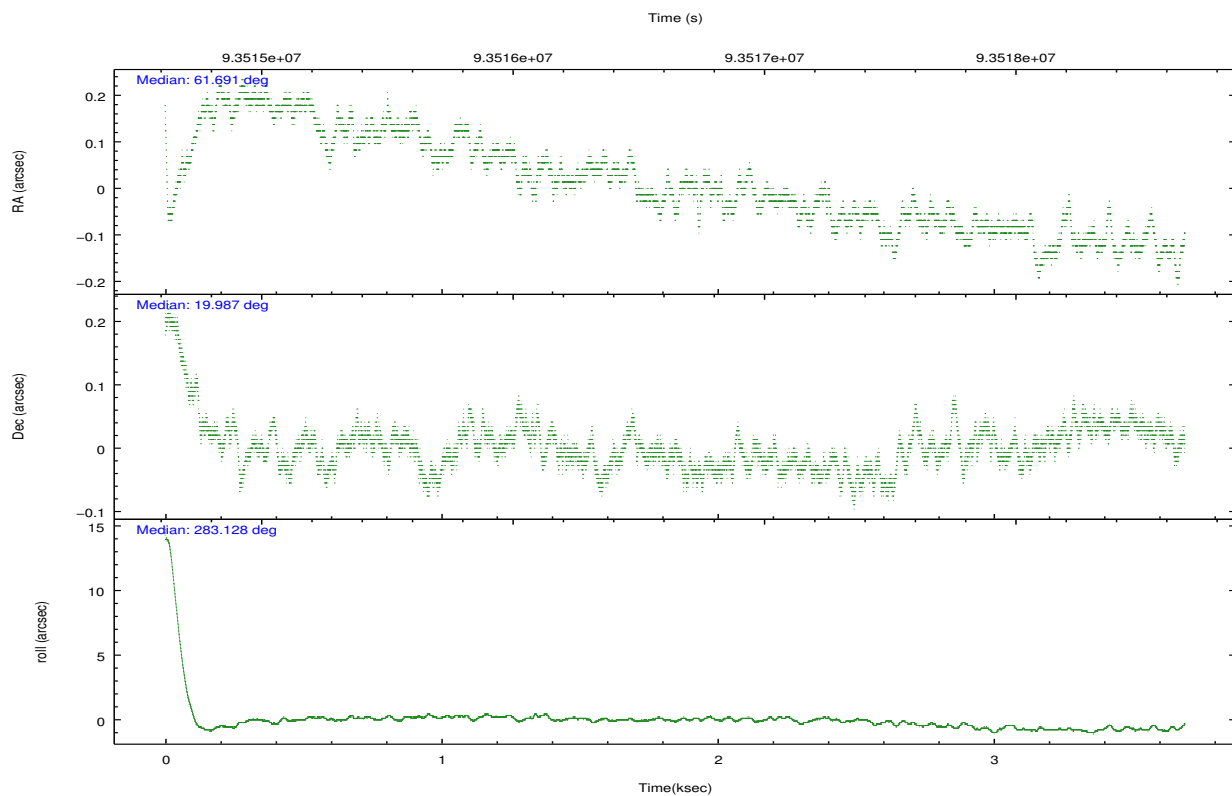
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	61.671140	61.69123085310155
[deg] Pointing Dec	20.006873	19.98708900467446
[deg] Pointing Roll	282.991552	283.1413185622269
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1400660498719
[mm] SIM translation stage offset	0	0.00754346686406393
[s] Observation start time (MET)	93514990.184000	93514614.406115
Observation start date	2000-12-18T08:22:06	2000-12-18T08:16:54
[s] Observation end time (MET)	93518490.184000	93518624.206268
Observation end date	2000-12-18T09:20:26	2000-12-18T09:23:44
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3

2.3 Aspect



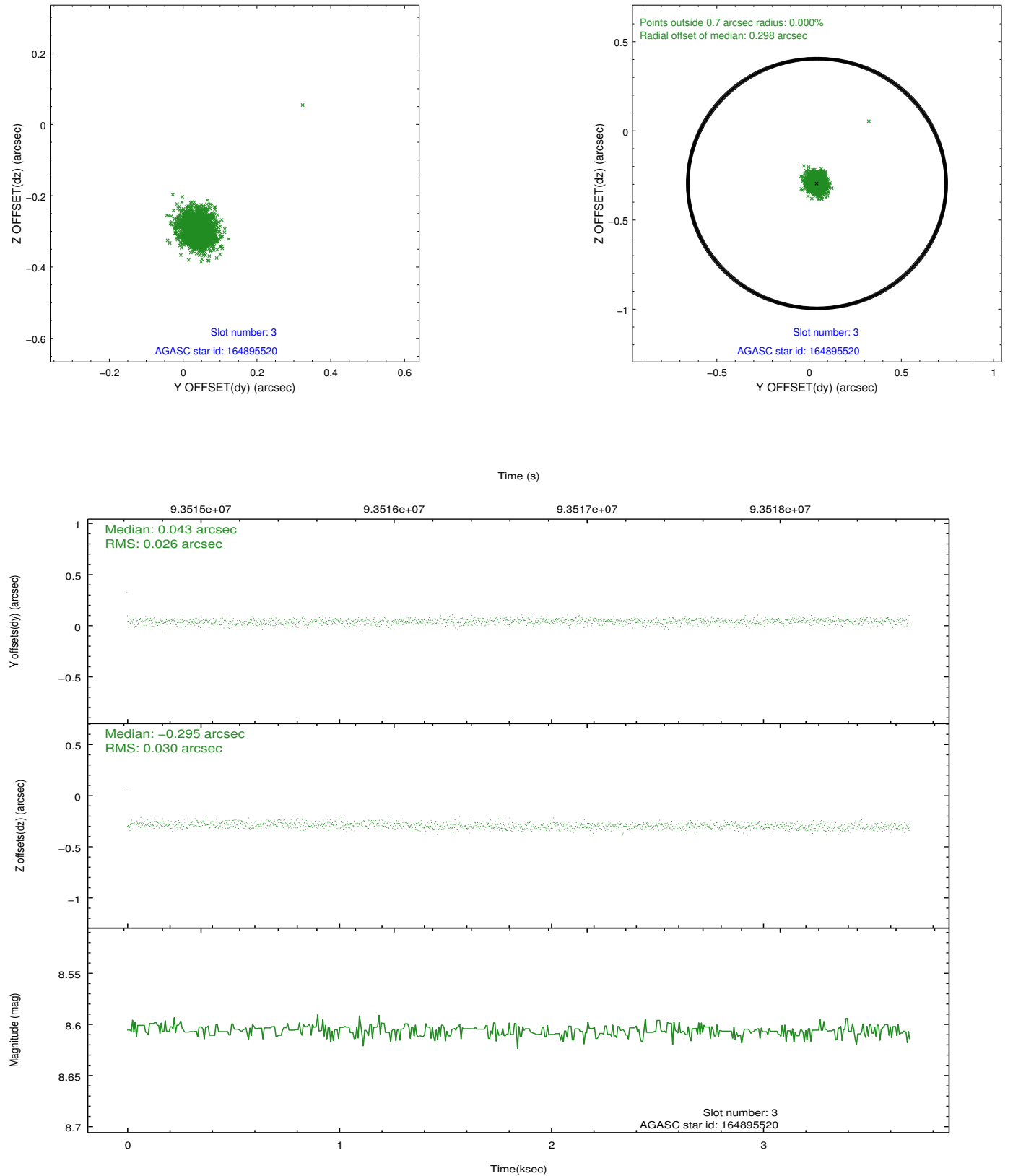


Slot Statistics

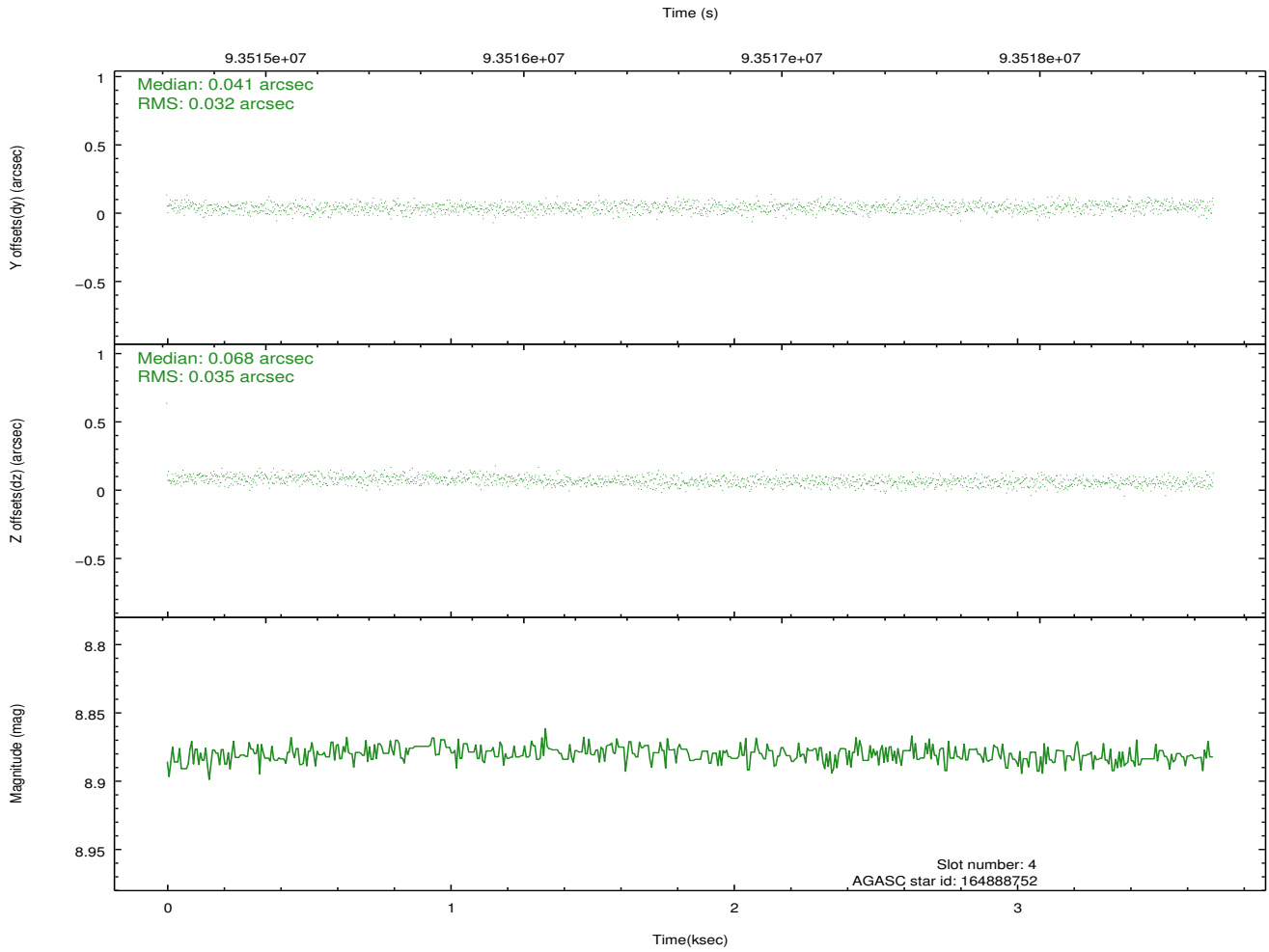
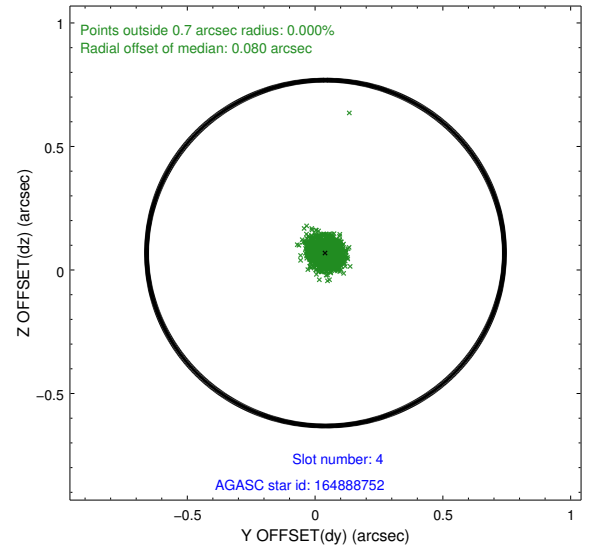
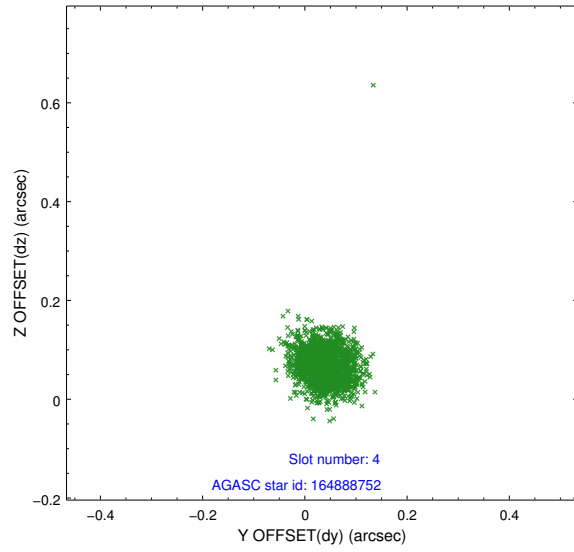
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	901	-0.042	-0.008	0.006	0.011	0.000000	0.000000	-755.22	-1726.66
1	FID	ACIS-S-4	7.20	901	0.006	0.022	0.005	0.011	0.000000	0.000000	2157.30	180.15
2	FID	ACIS-S-5	7.24	901	0.005	-0.006	0.007	0.012	0.000000	0.000000	-1805.86	175.66
3	GUIDE	164895520	8.61	1802	0.043	-0.295	0.040	0.065	61.309800	20.139312	-740.49	-1083.48
4	GUIDE	164888752	8.88	1802	0.041	0.068	0.049	0.078	61.568386	19.874602	385.05	-446.91
5	GUIDE	164890352	9.08	1803	-0.089	-0.101	0.052	0.085	61.028629	19.972872	-373.27	-2145.75
6	GUIDE	165022968	9.57	1802	-0.174	0.154	0.076	0.135	62.230781	20.386000	-909.69	2146.04
7	GUIDE	165021720	9.61	1800	0.183	0.177	0.067	0.109	62.234537	20.170723	-151.05	1989.30

2.4 Star Slots

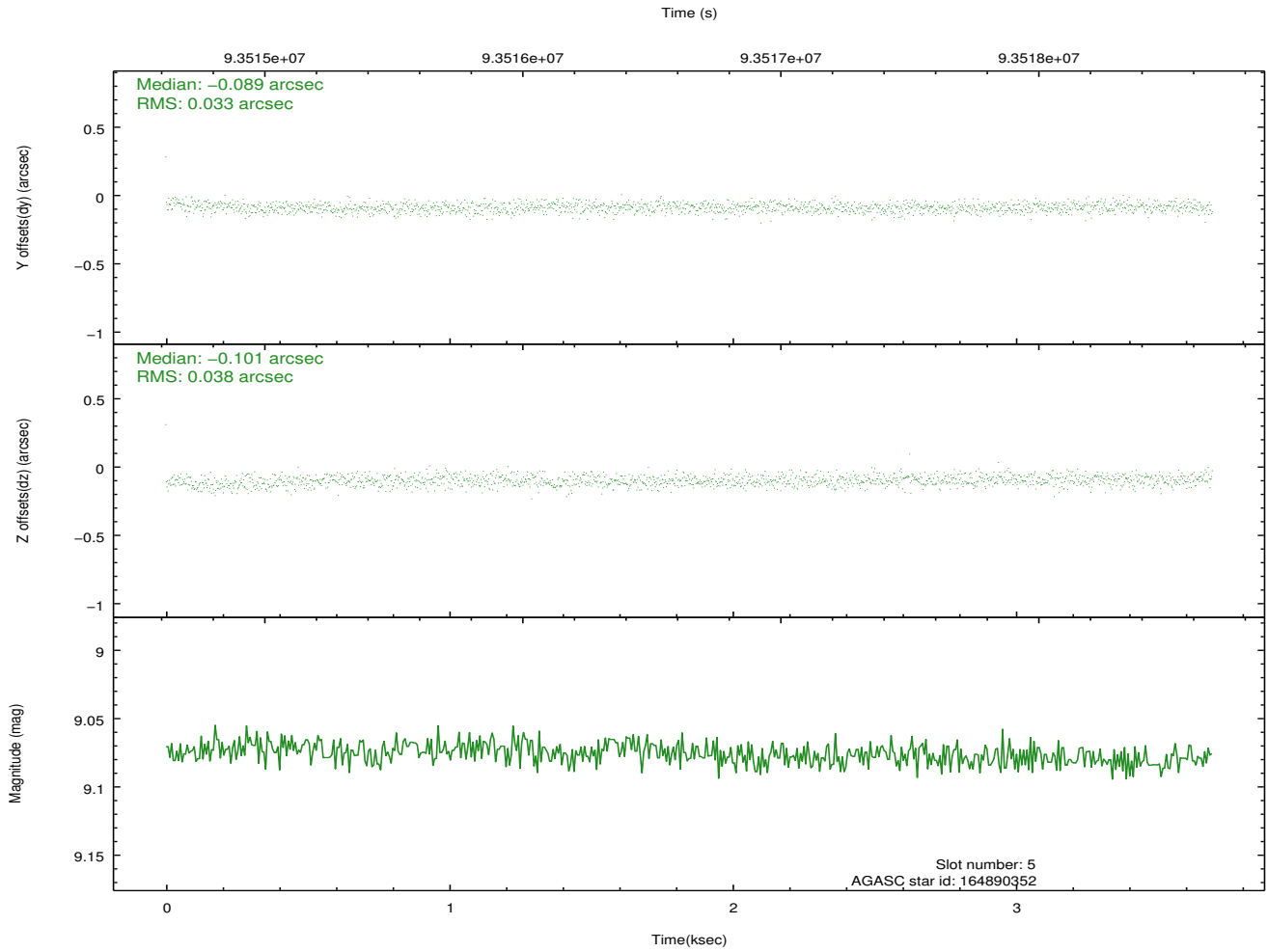
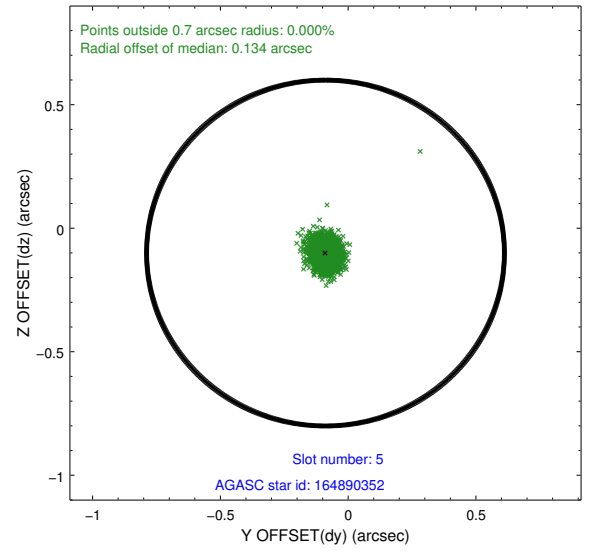
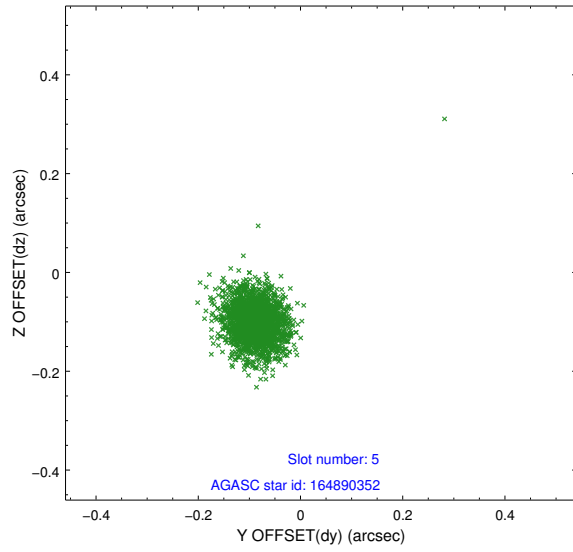
2.4.1 Slot 3



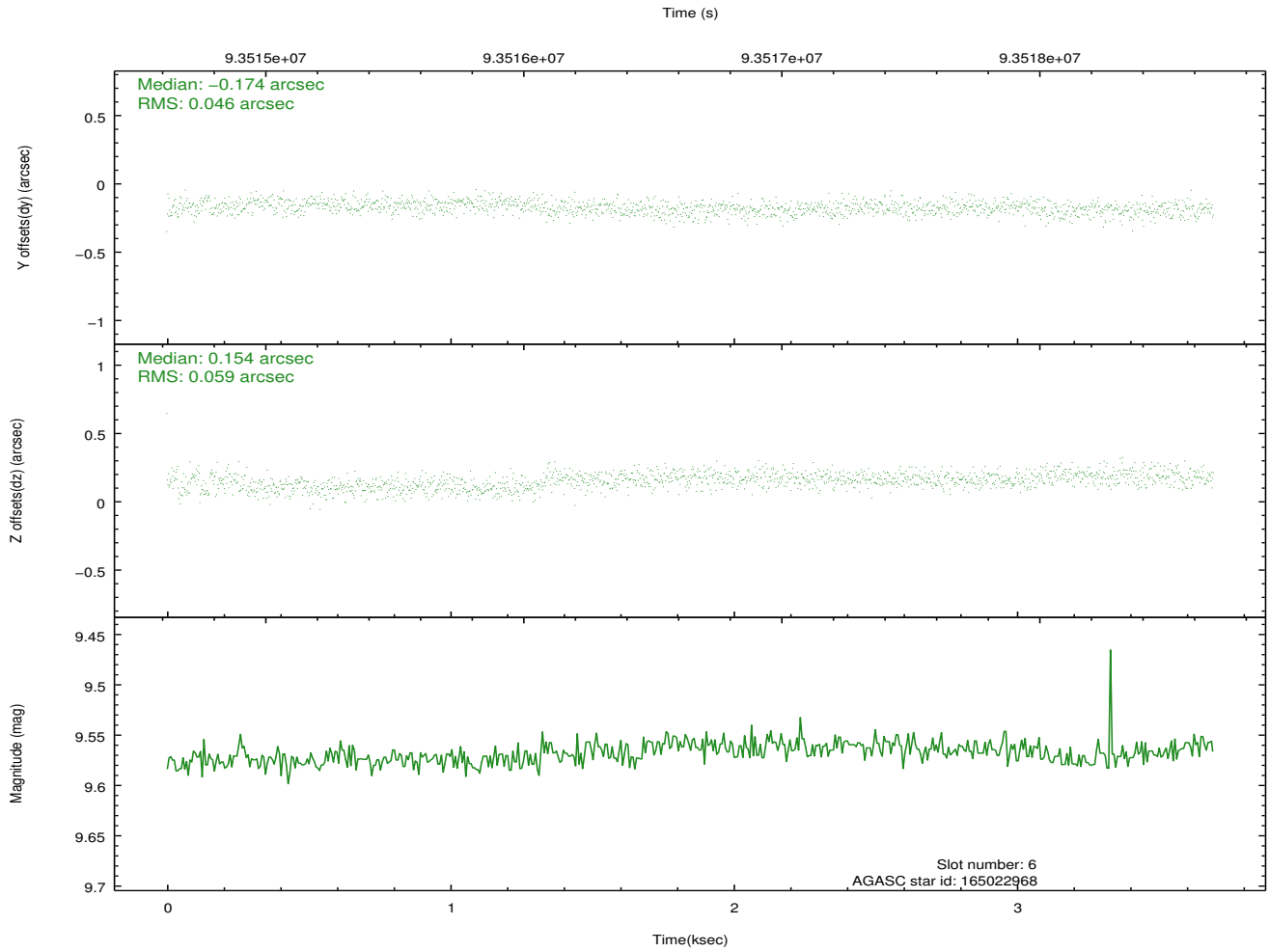
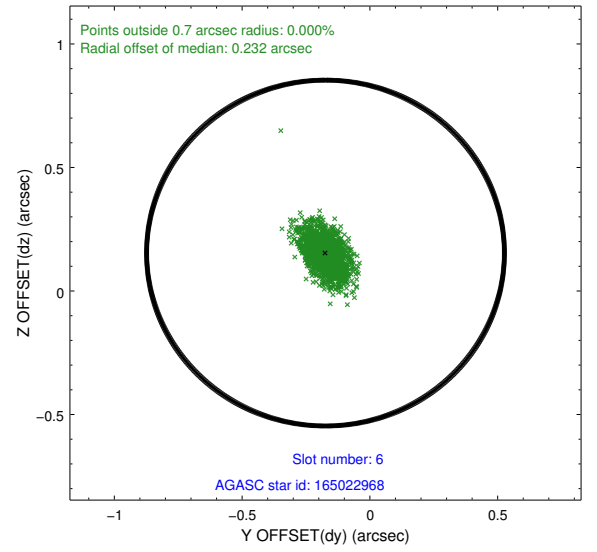
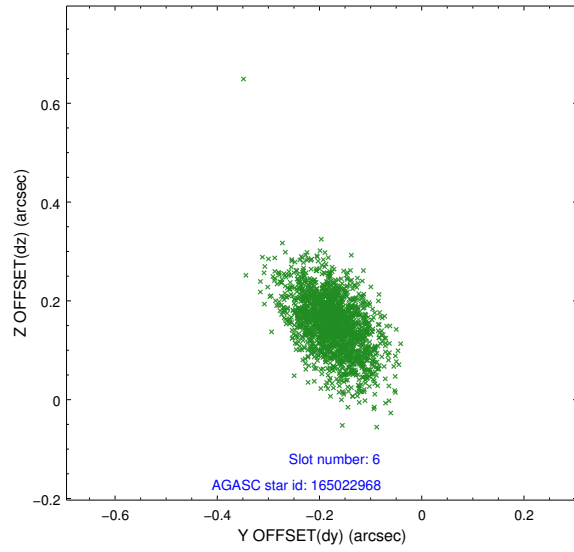
2.4.2 Slot 4



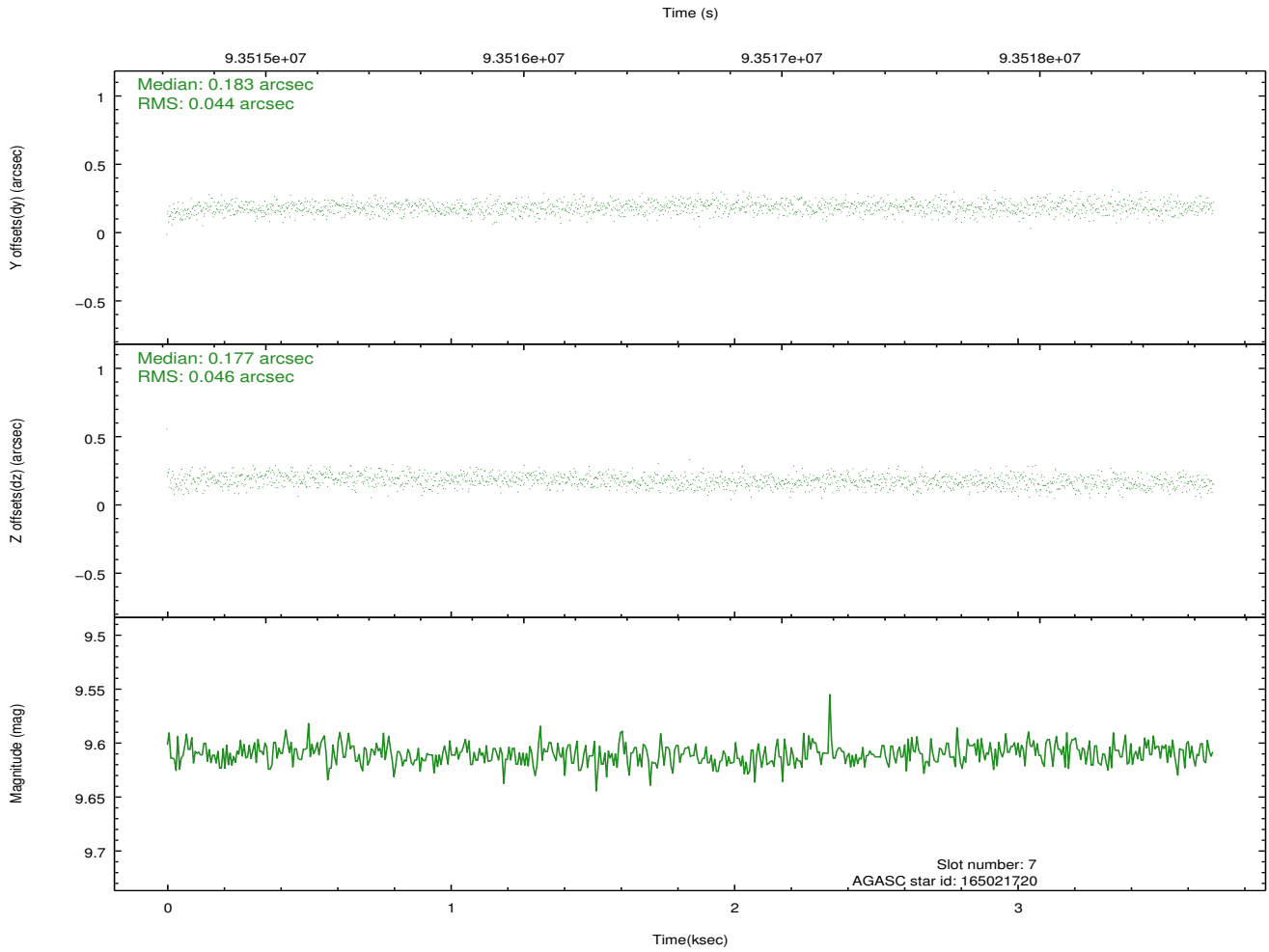
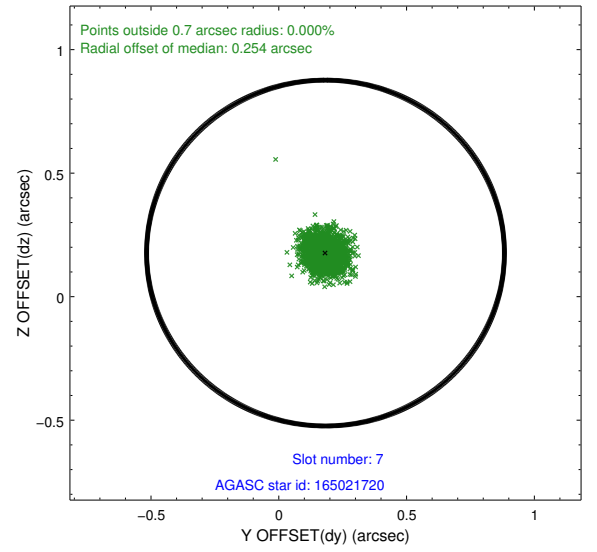
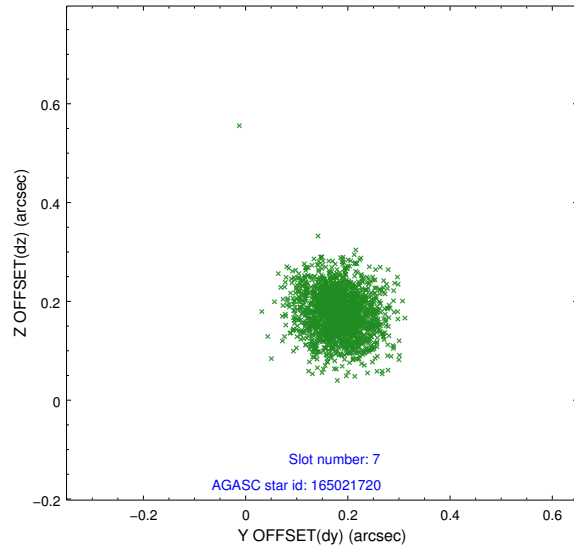
2.4.3 Slot 5



2.4.4 Slot 6

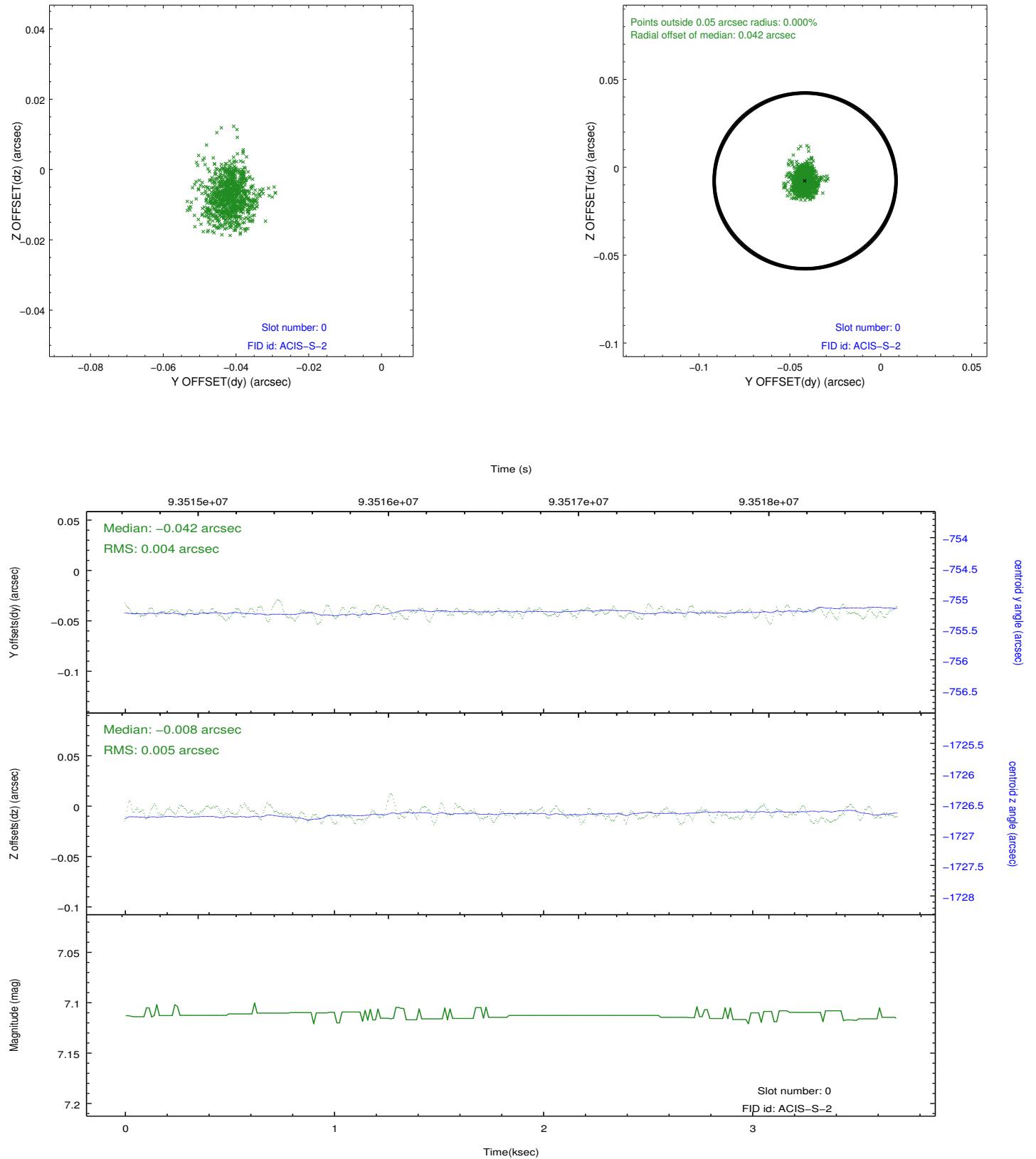


2.4.5 Slot 7

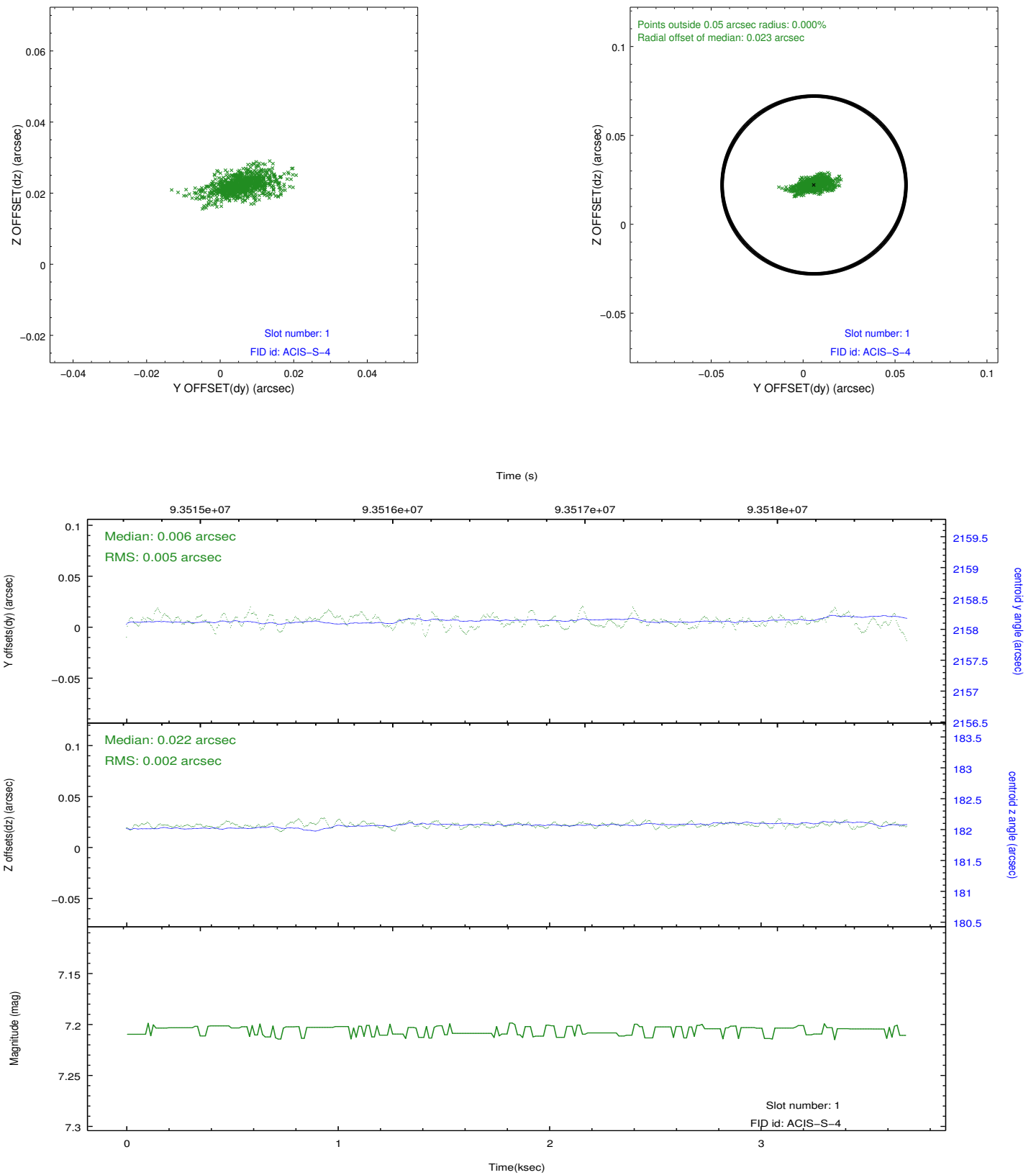


2.5 FID Slots

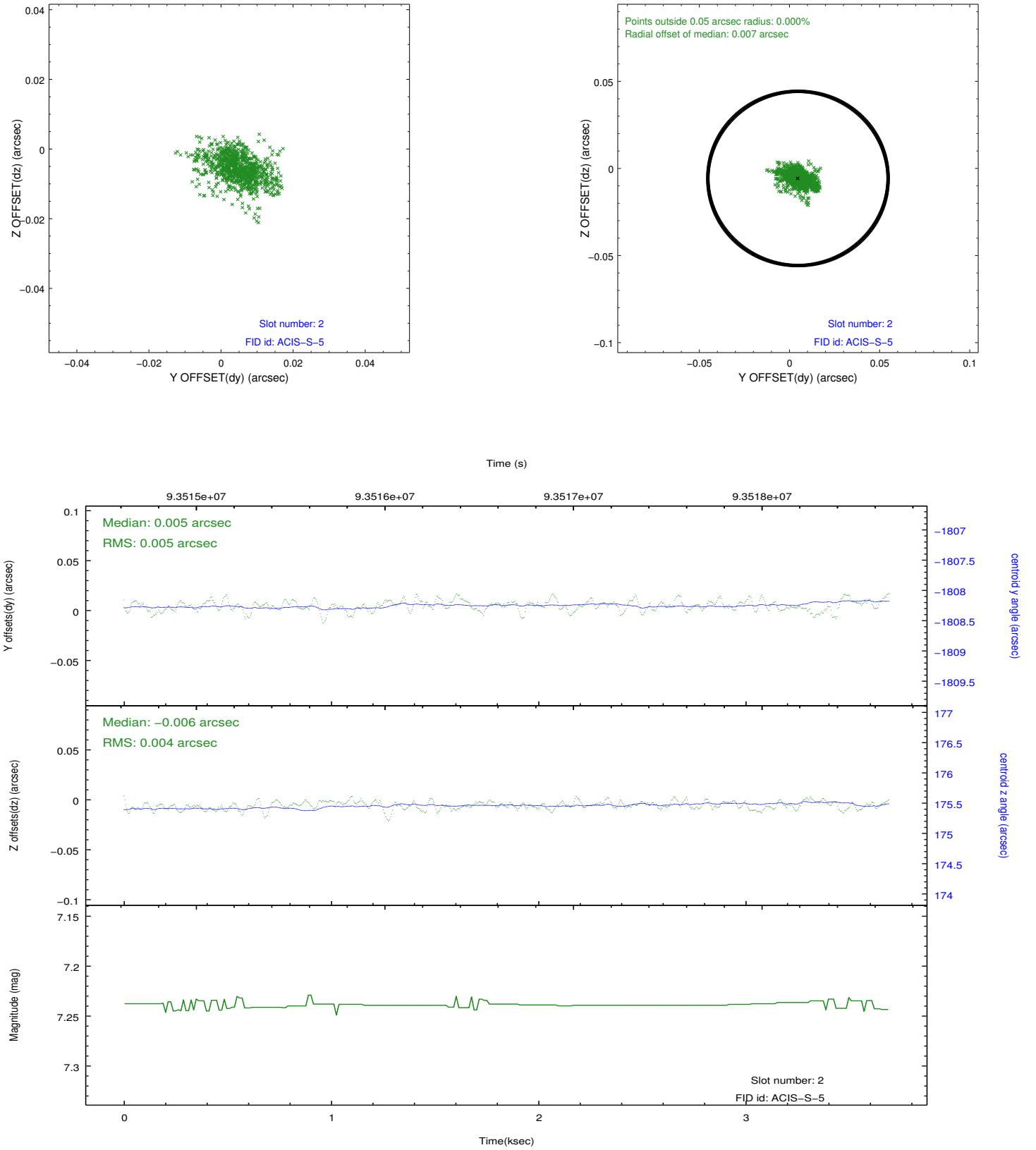
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.345

A.2 Comments