

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11450 - L2 Version 2
Chandra X-Ray Center

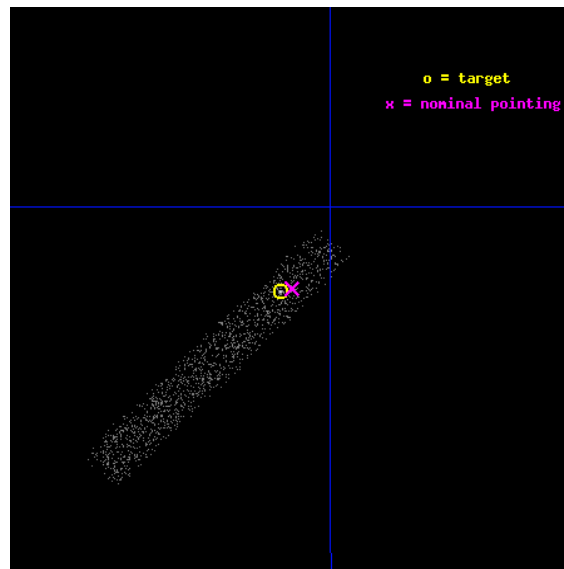
L2 Processing Date : Jun 19 2012

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1 Front

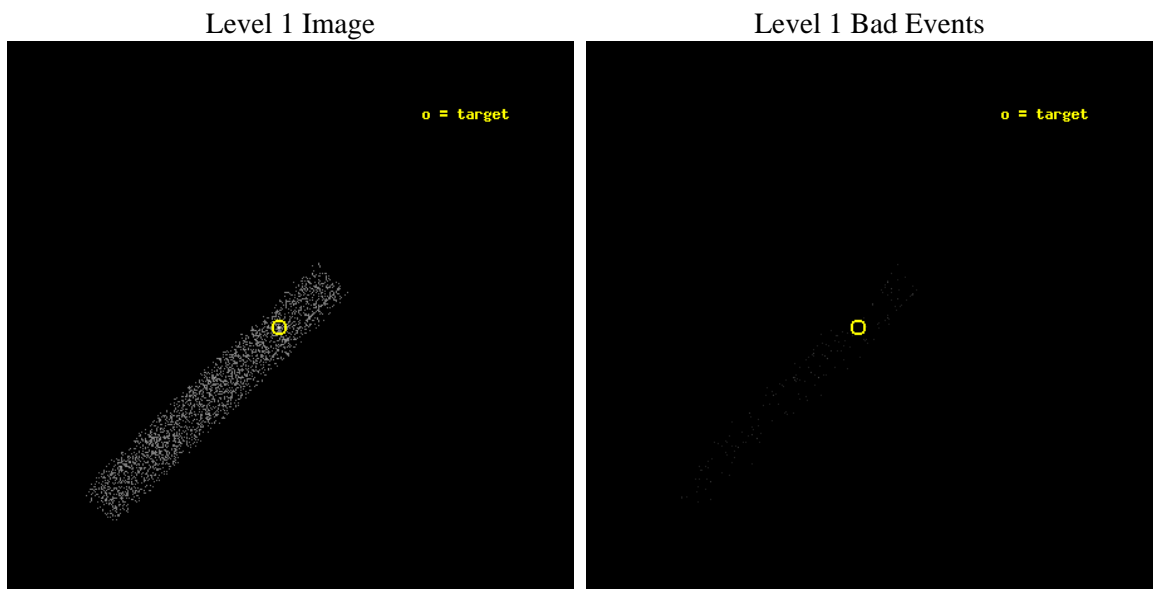
seq_num	702036	Sequence number
obs_id	11450	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J093308.88+534748.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	143.287083	Observer's specified target RA [deg]
dec_targ	53.796917	Observer's specified target Dec [deg]
ra_nom	143.27871843324	Nominal RA [deg]
dec_nom	53.798063027214	Nominal Dec [deg]
roll_nom	136.10508785983	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2186.7998696566	Sum of GTIs [s]
livetime	1983.312053017	Livetime [s]
ontime7	2186.7998696566	Sum of GTIs [s]
l2events	1669	Number of level 2 events



2 OBI

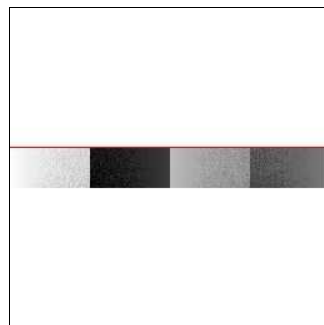
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2186.7998696566	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2186.7998696566	Sum of GTIs [s]
date	2012-06-19T21:32:32	Date and time of file creation	l1events	4585	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	4585
rejected events	2827
rejected %	61%

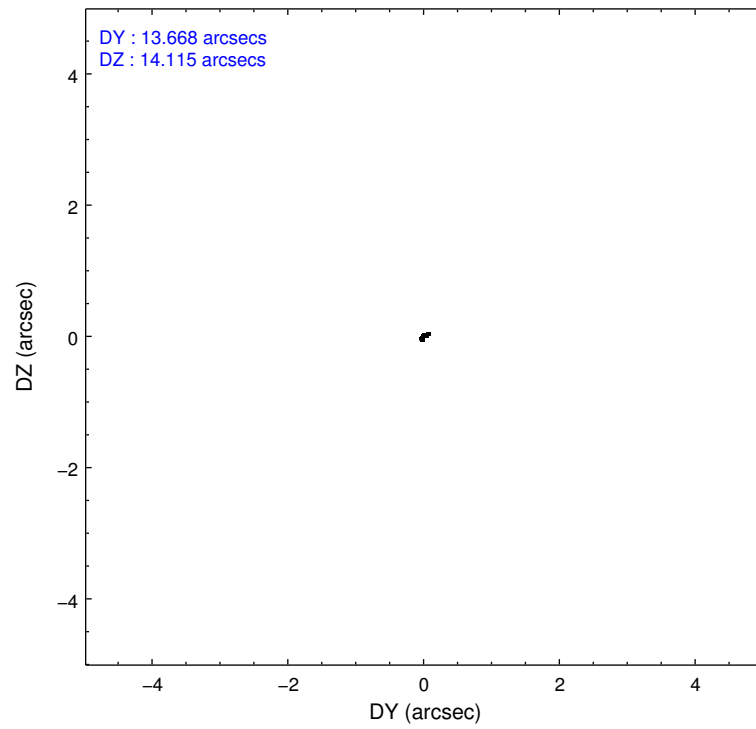
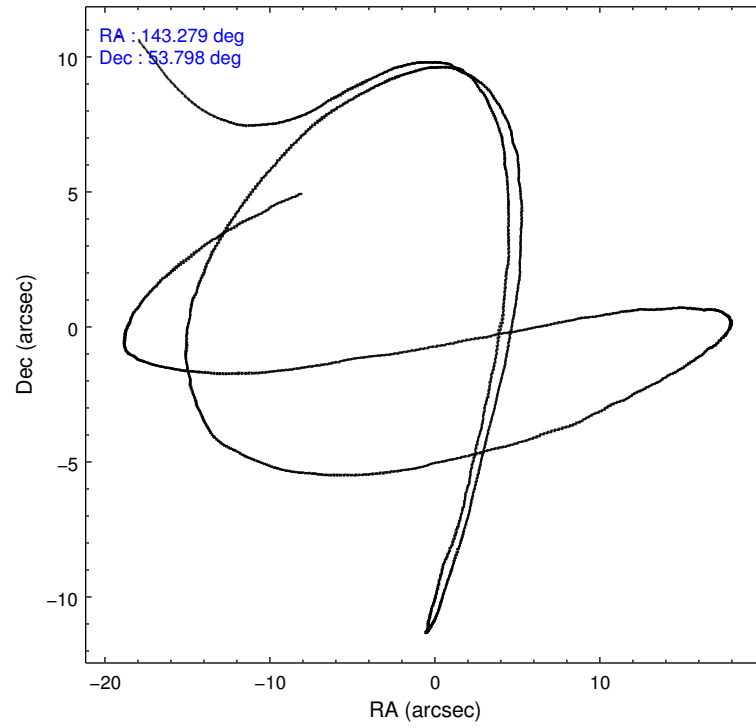
	ccd 7
grade 0 events	303
	6%
grade 1 events	7
	0%
grade 2 events	470
	10%
grade 3 events	332
	7%
grade 4 events	308
	6%
grade 5 events	443
	9%
grade 6 events	980
	21%
grade 7 events	1742
	37%

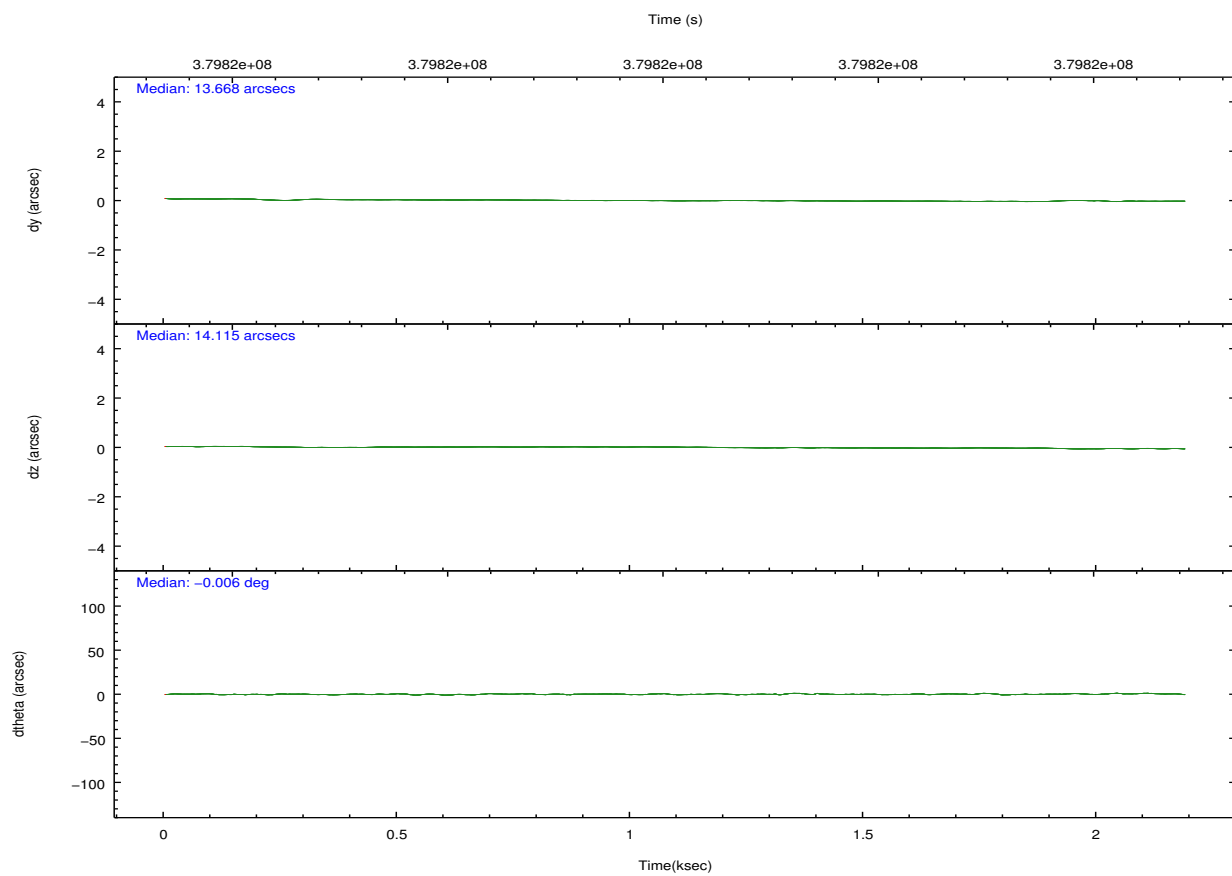
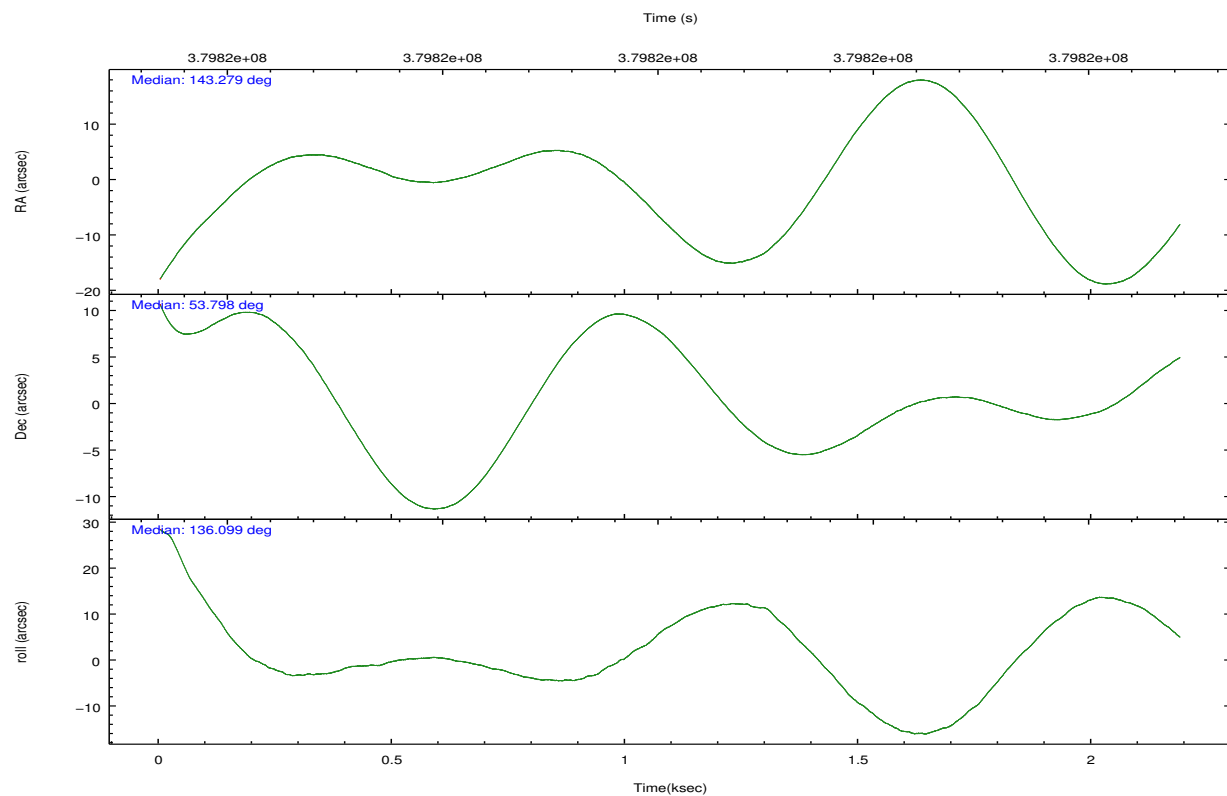
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	143.324136	143.2787184332437
[deg] Pointing Dec	53.791734	53.79806302721412
[deg] Pointing Roll	135.911739	136.1050878598308
[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)	379821632.184000	379820532.9813
Observation start date	2010-01-14T01:59:26	2010-01-14T01:42:12
[s] Observation end time (MET)	379823632.184000	379824568.91901
Observation end date	2010-01-14T02:32:46	2010-01-14T02:49:28
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	CUSTOM	1/8
Subarray start row	449	449
Subarray row count	128	128
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.4

2.3 Aspect



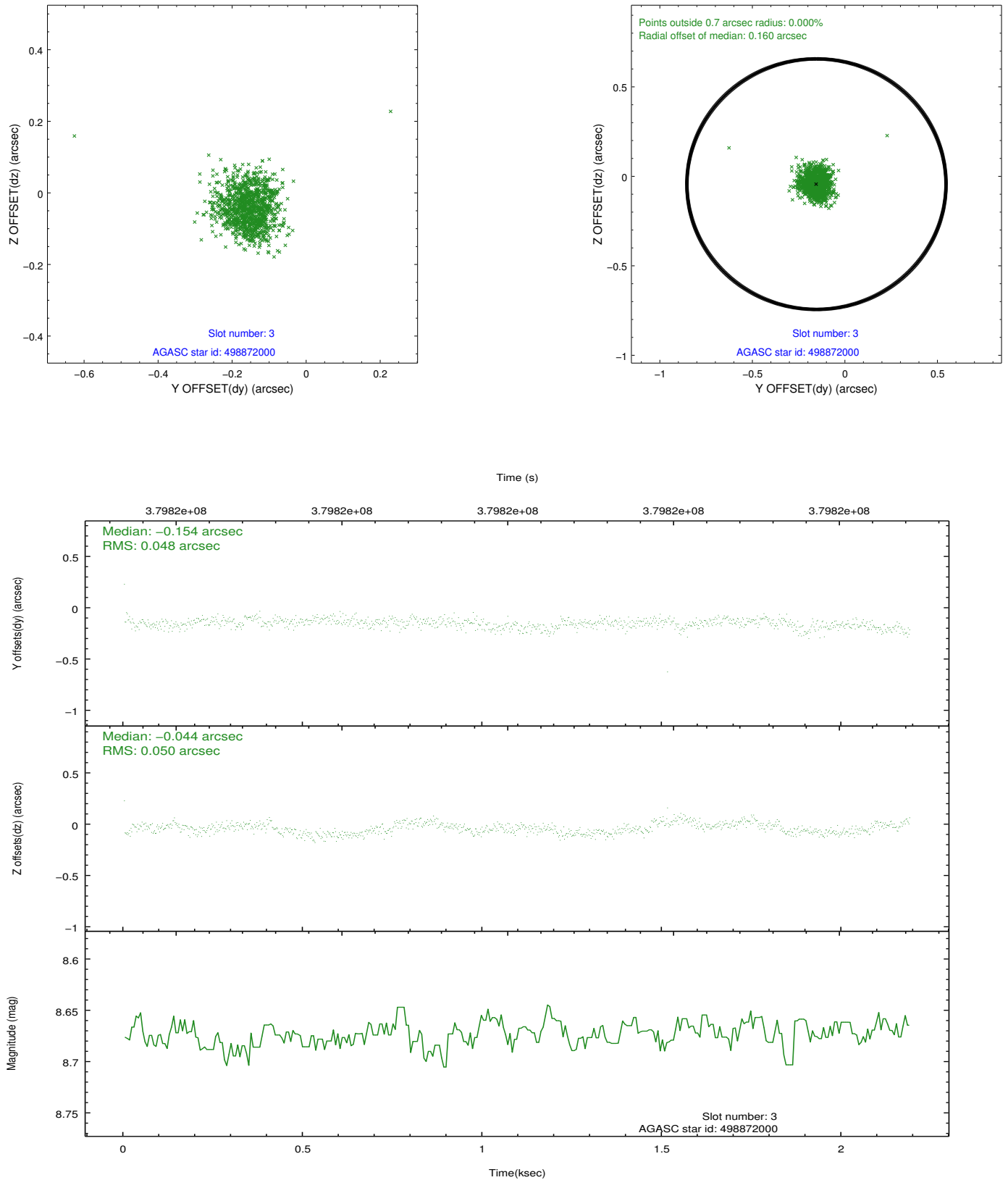


Slot Statistics

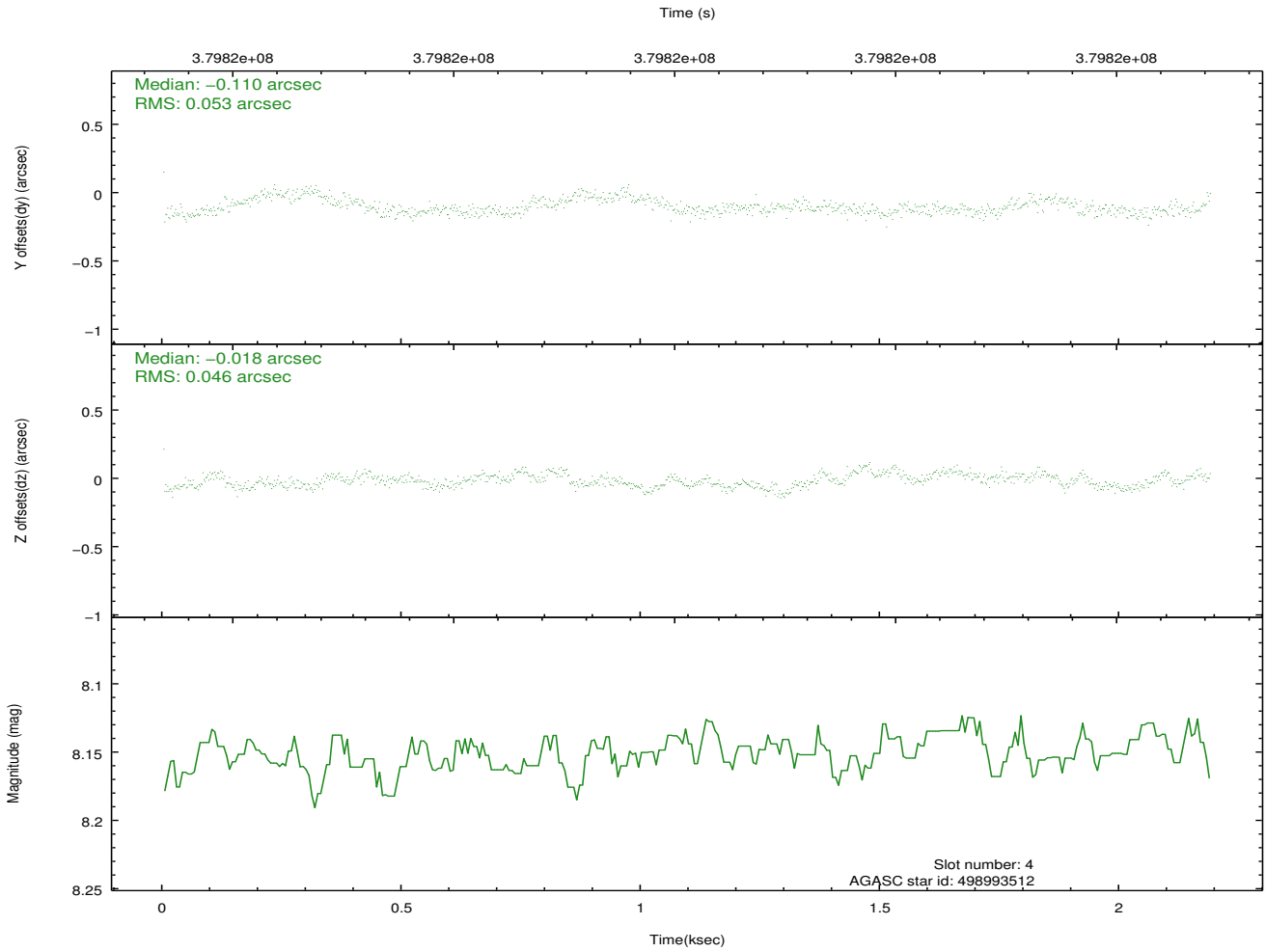
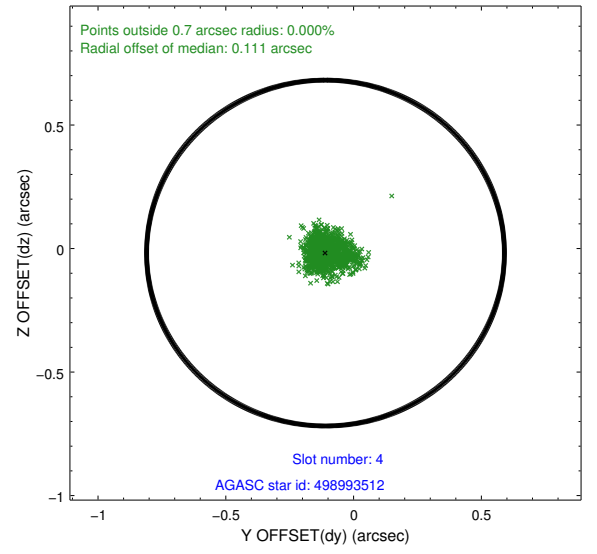
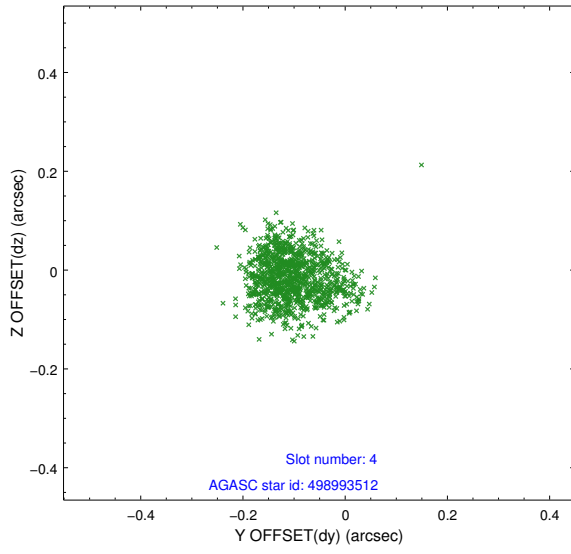
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.02	534	0.070	-0.019	0.006	0.012	0.000000	0.000000	929.51	-1731.11
1	FID	ACIS-S-5	7.05	534	-0.160	0.042	0.006	0.012	0.000000	0.000000	-1818.07	163.41
2	FID	ACIS-S-6	7.16	534	0.069	-0.012	0.007	0.012	0.000000	0.000000	391.82	810.70
3	GUIDE	498872000	8.67	1067	-0.154	-0.044	0.072	0.114	142.173742	53.802293	1795.86	1660.20
4	GUIDE	498993512	8.15	1068	-0.110	-0.018	0.074	0.120	142.446165	54.129727	2185.64	408.02
5	GUIDE	499000472	8.13	1067	0.076	0.144	0.068	0.110	144.141103	54.122215	-401.30	-2060.83
6	GUIDE	499001440	9.63	1068	0.152	-0.058	0.112	0.186	143.129949	53.103010	-1424.37	2070.35
7	GUIDE	499002920	9.86	1064	0.027	-0.008	0.183	0.271	142.714995	54.068179	1618.58	178.53

2.4 Star Slots

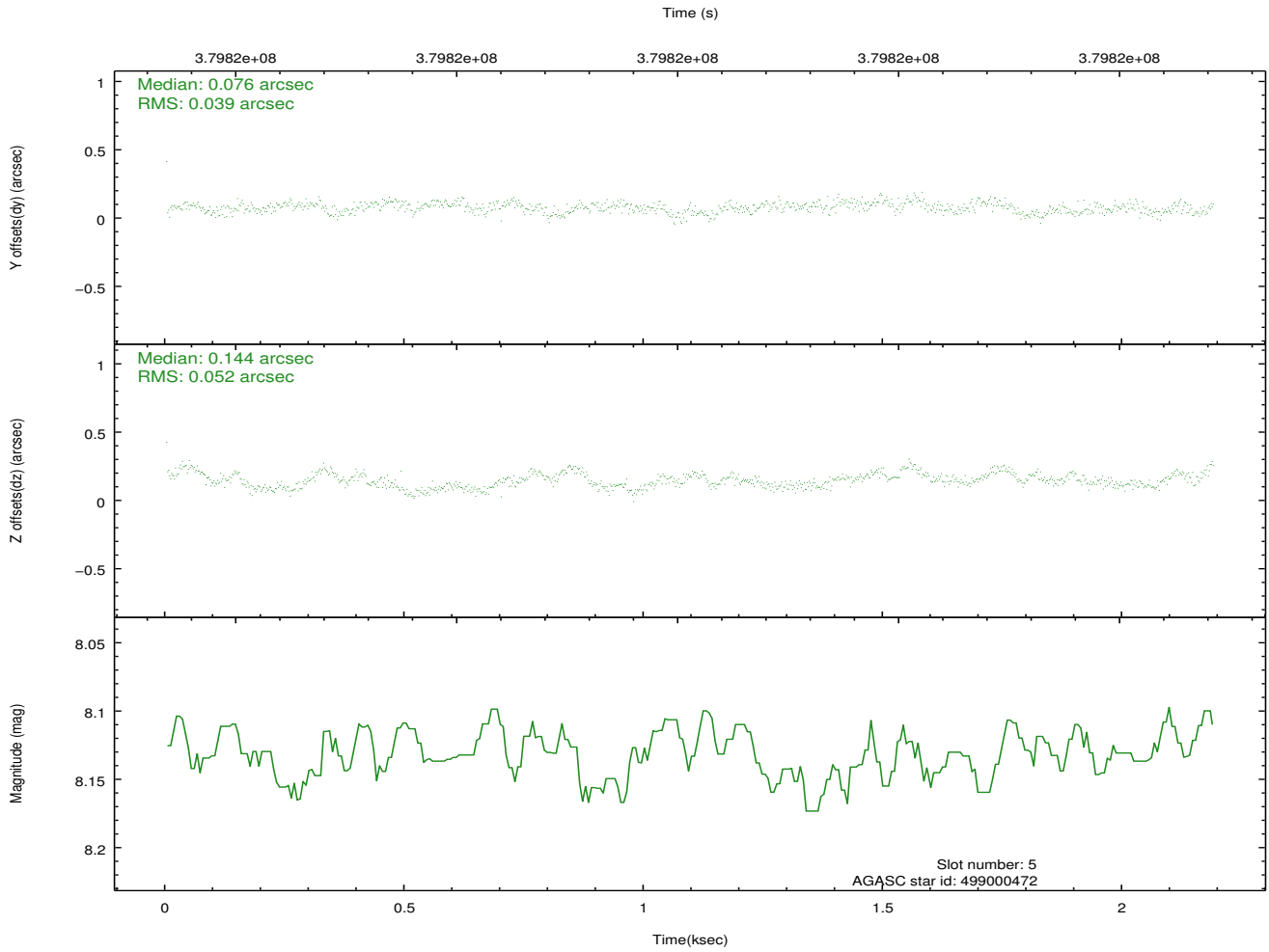
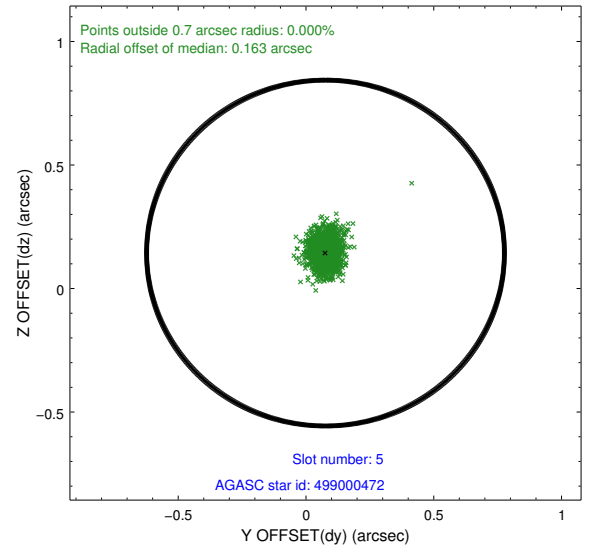
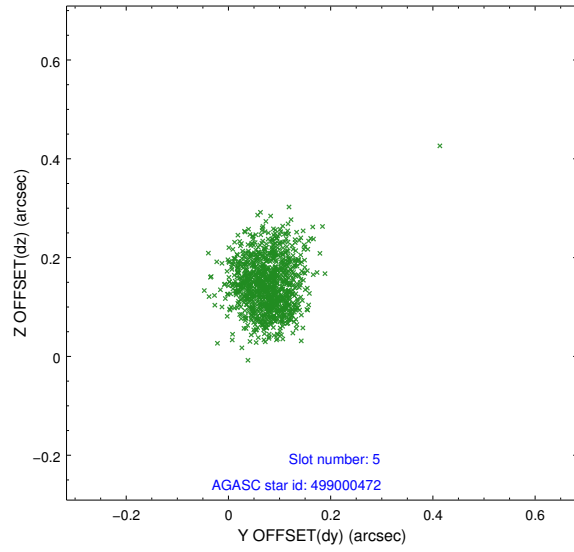
2.4.1 Slot 3



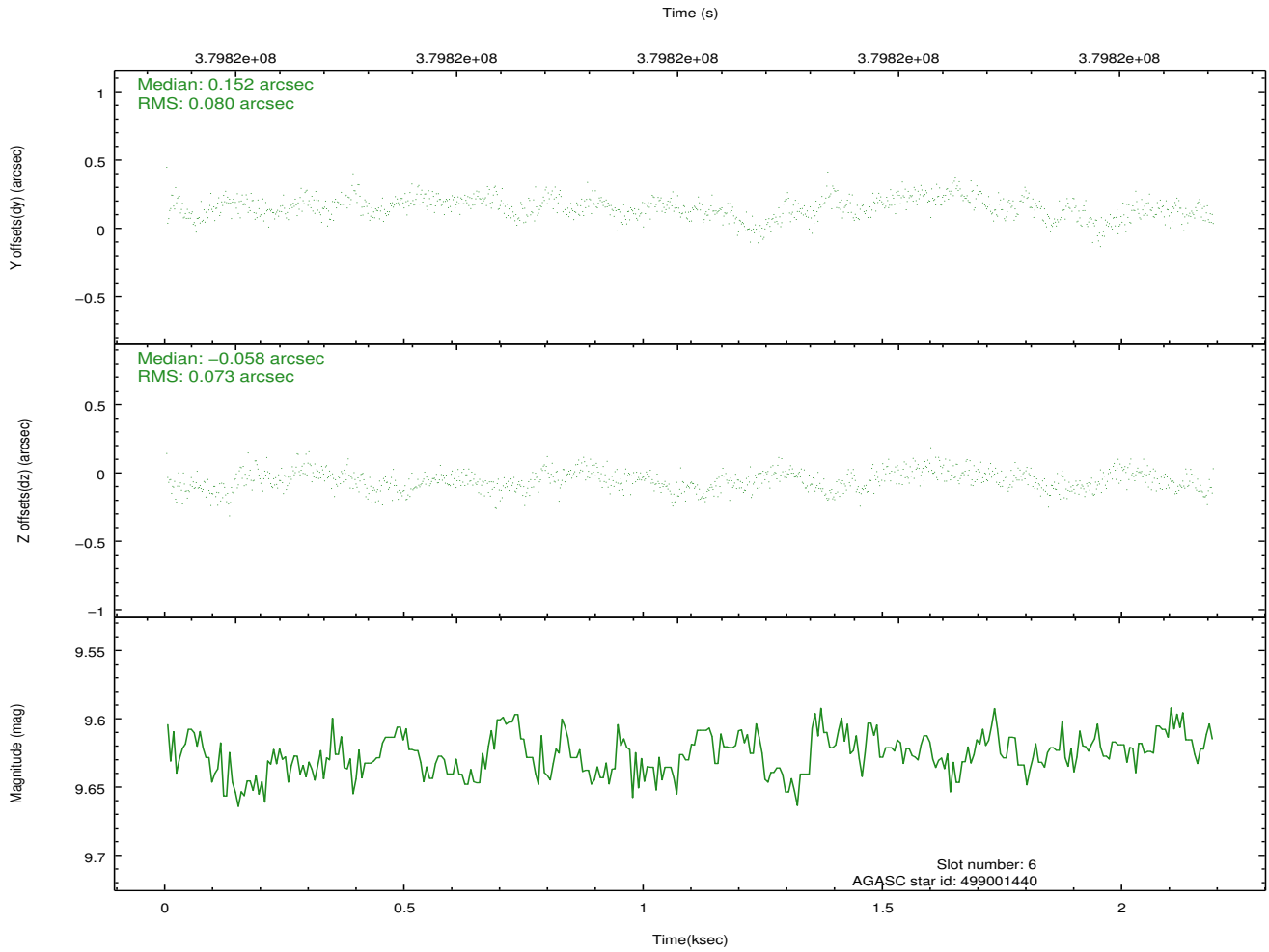
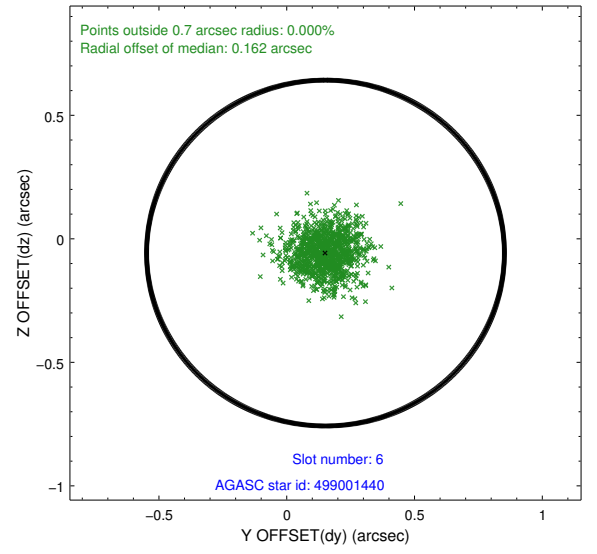
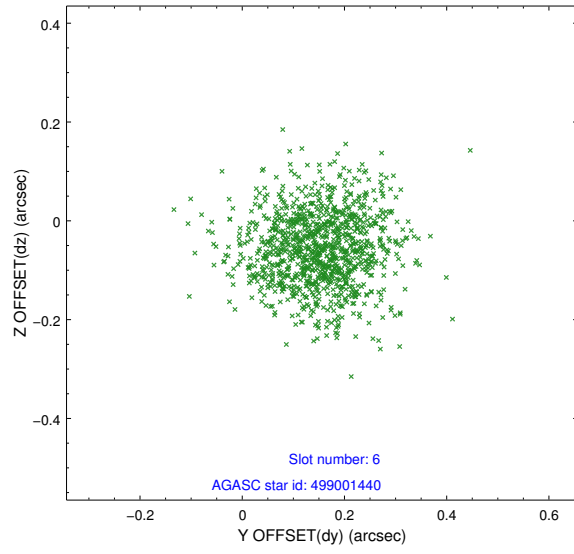
2.4.2 Slot 4



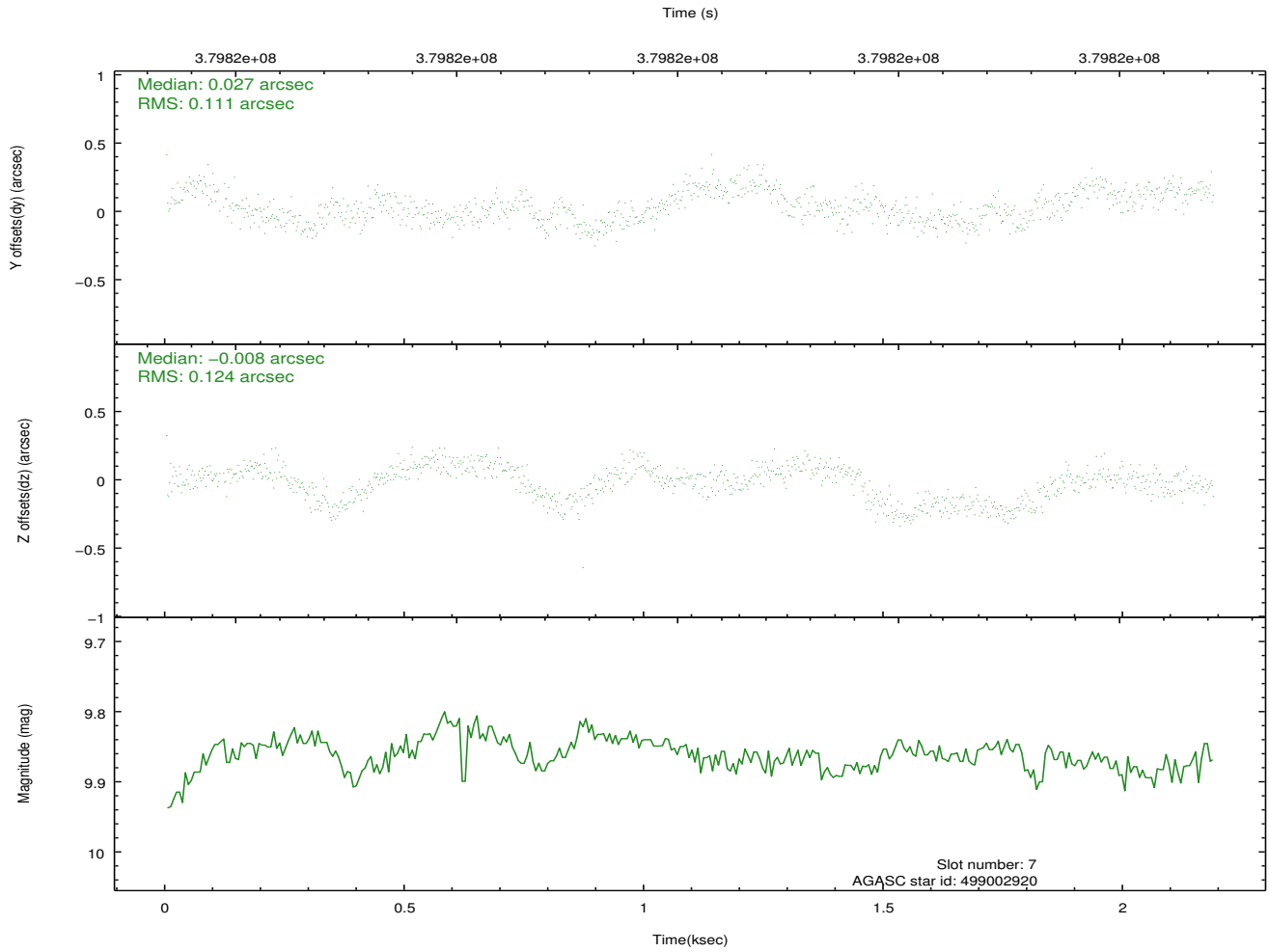
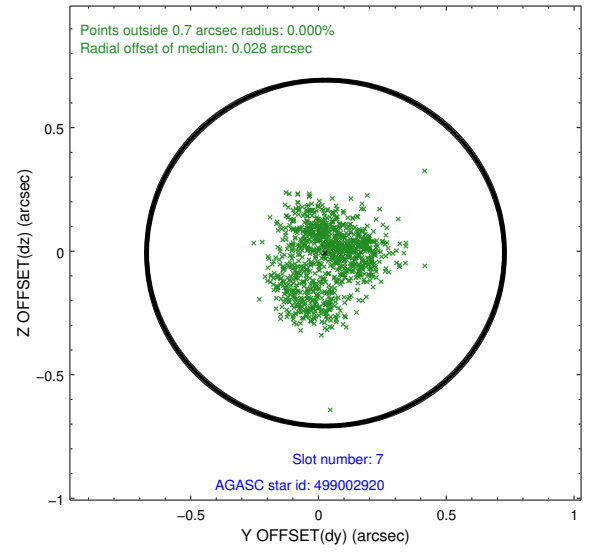
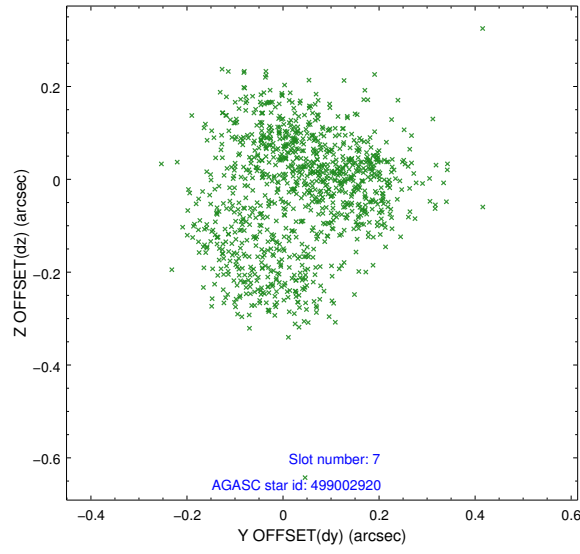
2.4.3 Slot 5



2.4.4 Slot 6

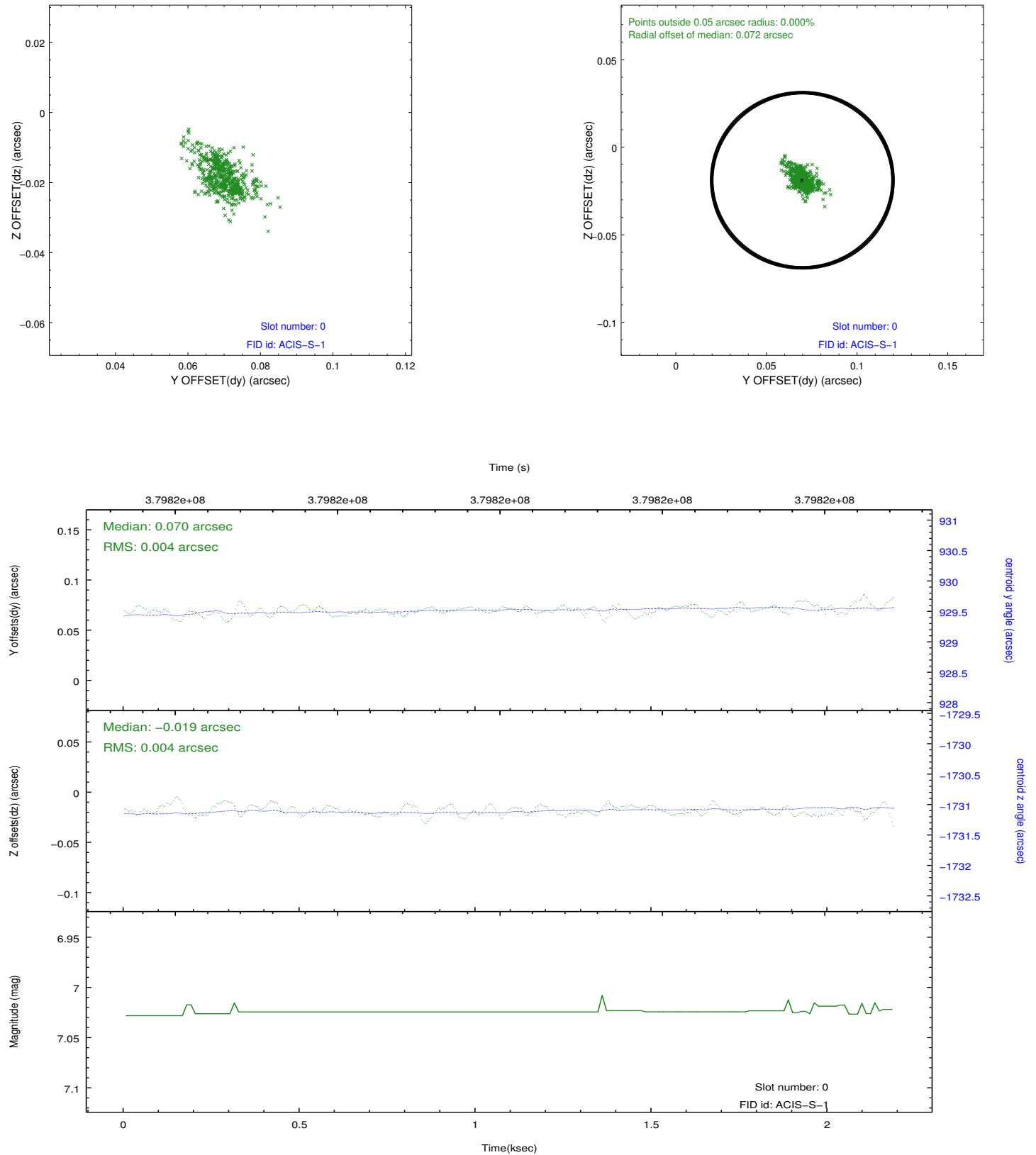


2.4.5 Slot 7

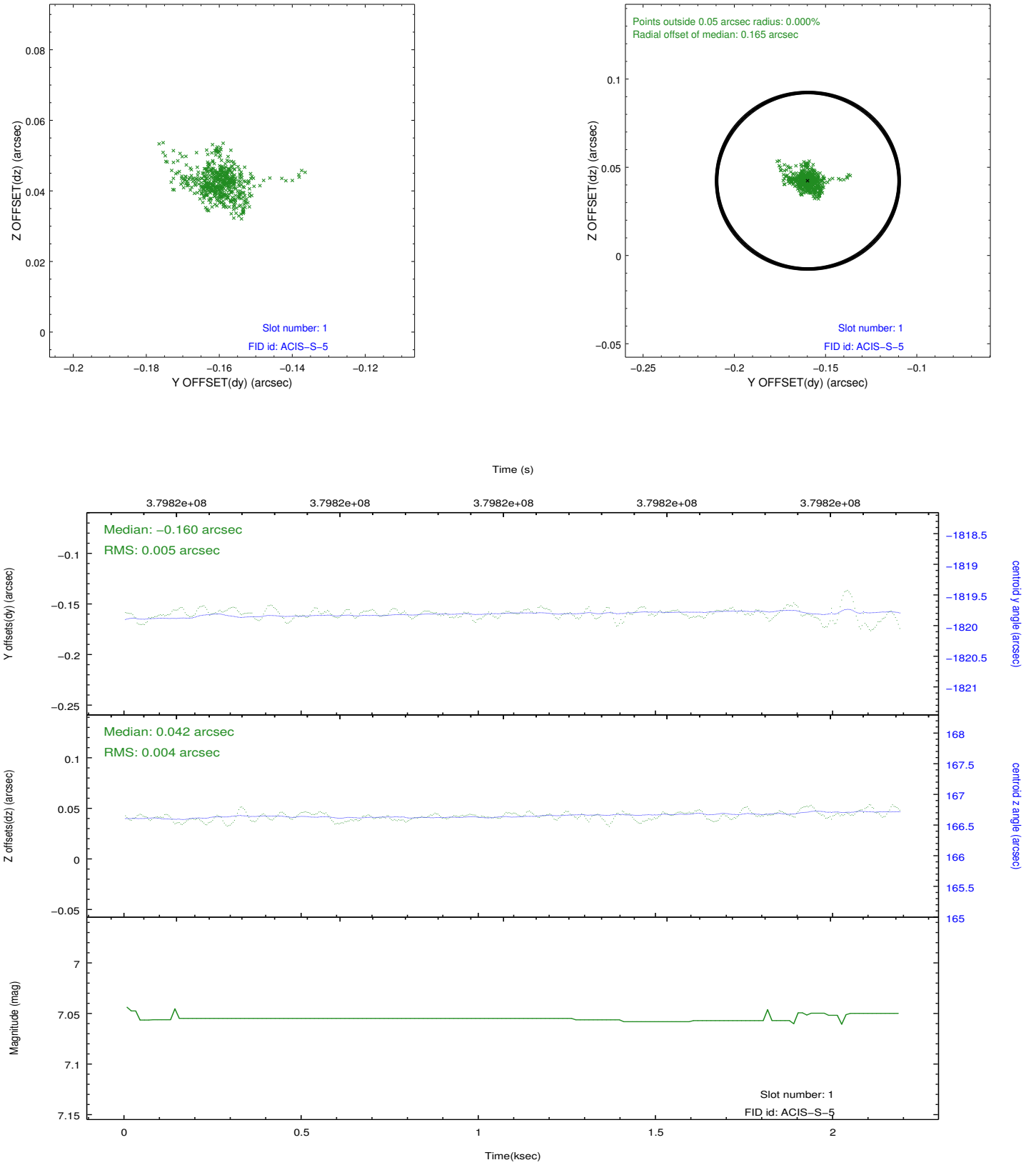


2.5 FID Slots

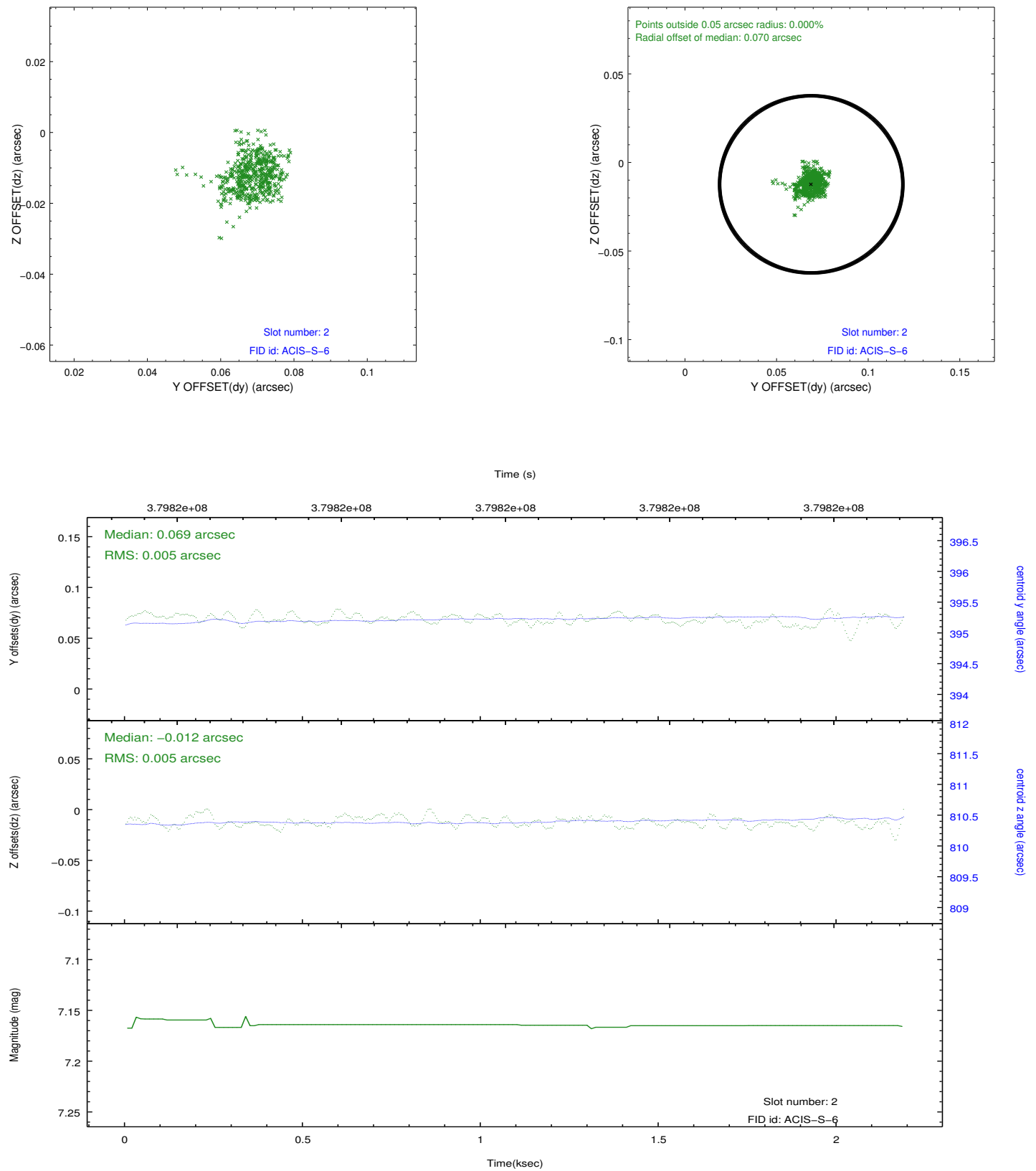
2.5.1 Slot 0



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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1867998696566

A.2 Comments