

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9286 - L2 Version 2
Chandra X-Ray Center

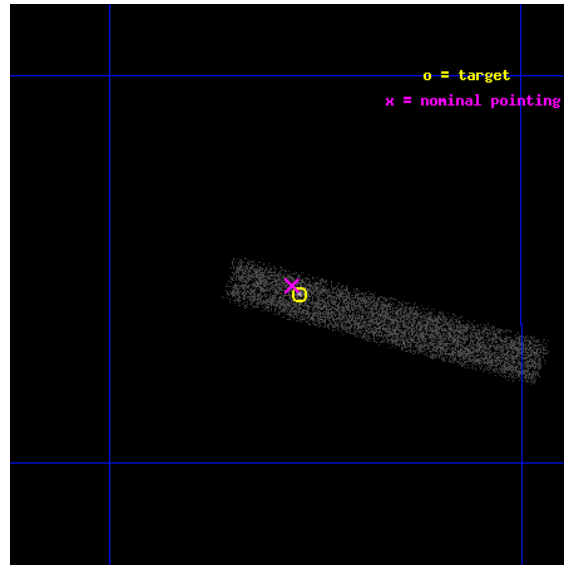
L2 Processing Date : May 7 2012

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1 Front

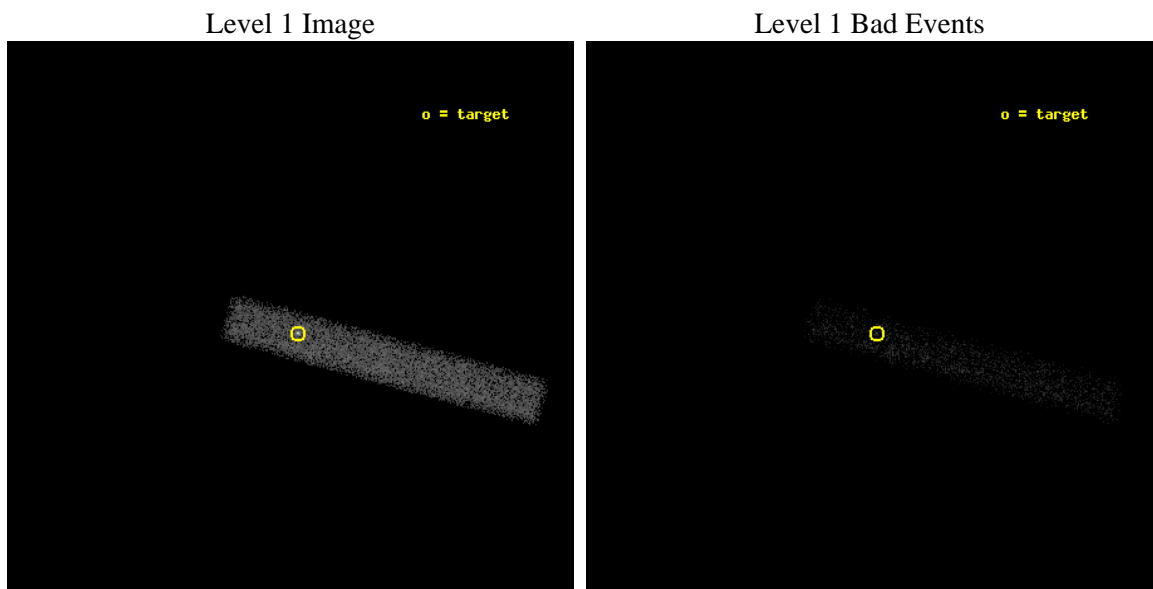
seq_num	701726	Sequence number
obs_id	9286	Observation id
title	Surveying X-ray Jets in Superluminal Blazars	Proposal title
observer	Dr. Matthew Lister	Principal investigator
object	1800+440	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	270.384583	Observer's specified target RA [deg]
dec_targ	44.07275	Observer's specified target Dec [deg]
ra_nom	270.38924309328	Nominal RA [deg]
dec_nom	44.076273239097	Nominal Dec [deg]
roll_nom	15.130536641093	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10187.199392796	Sum of GTIs [s]
livetime	9239.2521247919	Livetime [s]
ontime7	10187.199392796	Sum of GTIs [s]
l2events	9860	Number of level 2 events



2 OBI

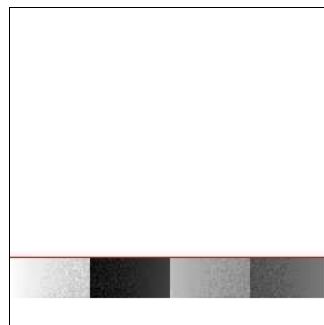
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	10187.199392796	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	10187.199392796	Sum of GTIs [s]
date	2012-05-07T15:29:19	Date and time of file creation	l1events	19959	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

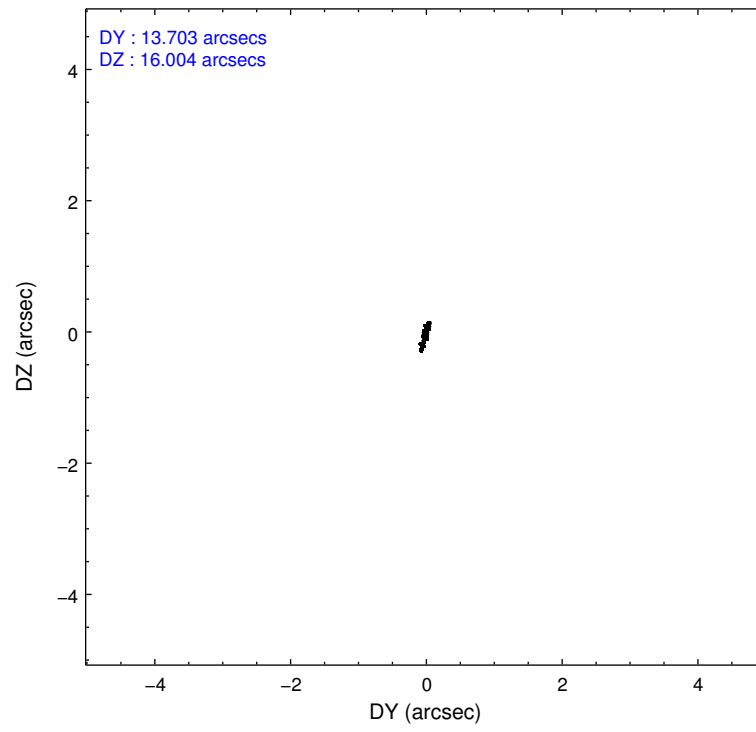
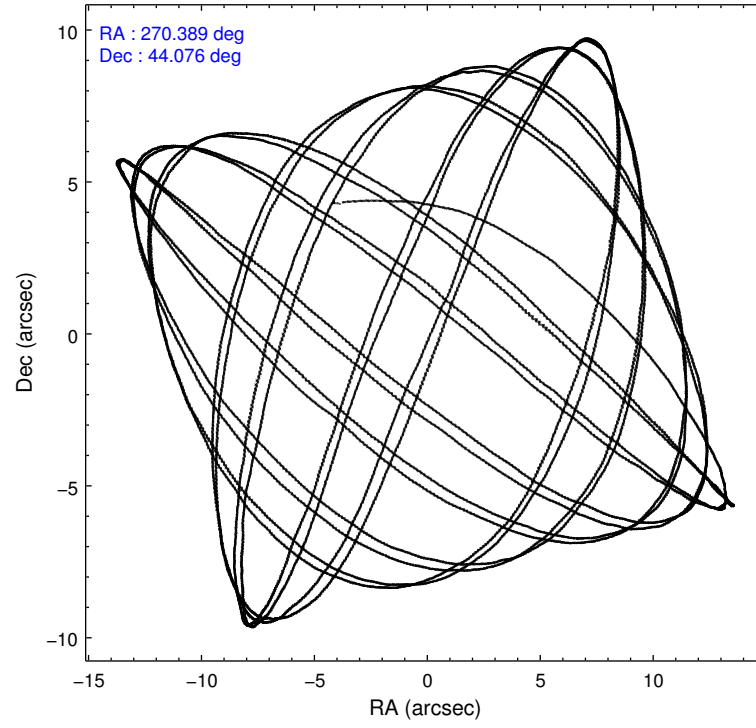
	ccd 7
level 1 events	19959
rejected events	9864
rejected %	49%

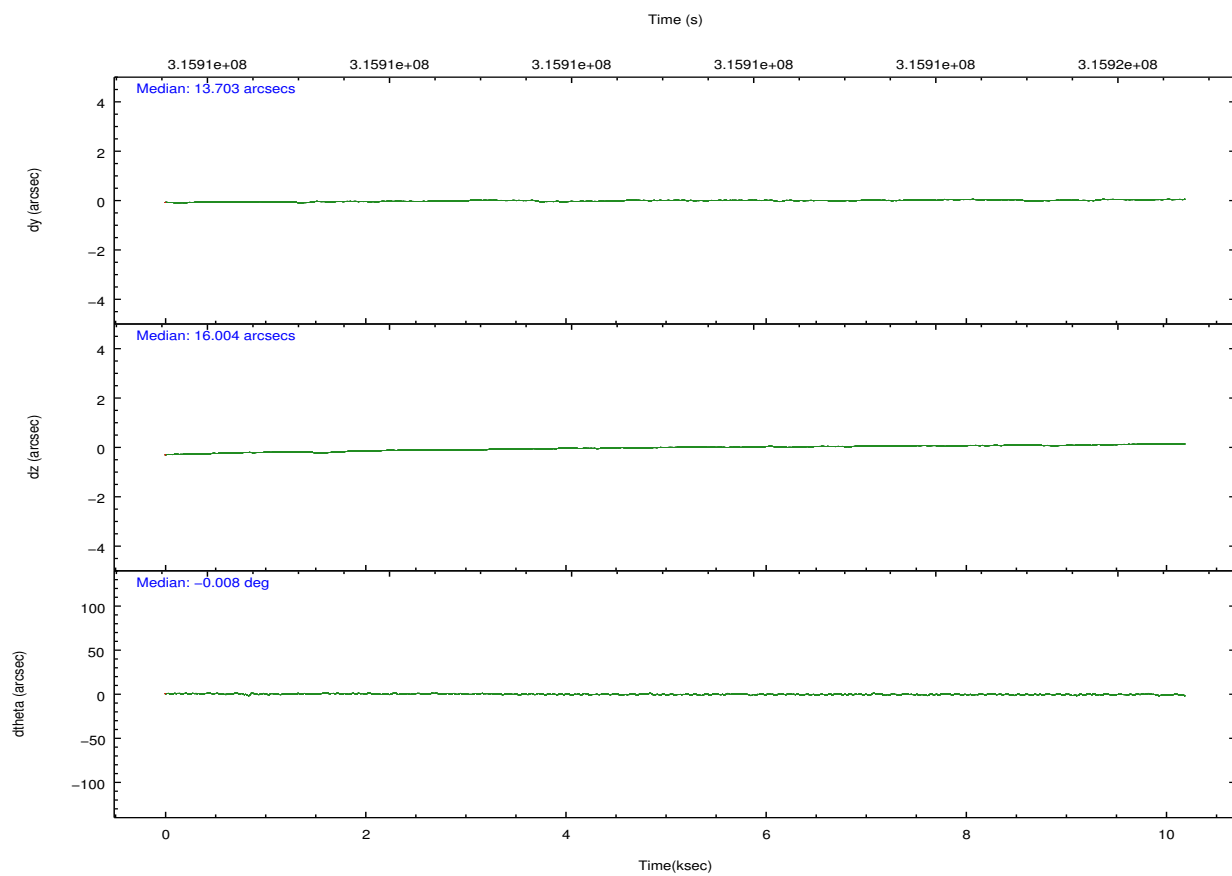
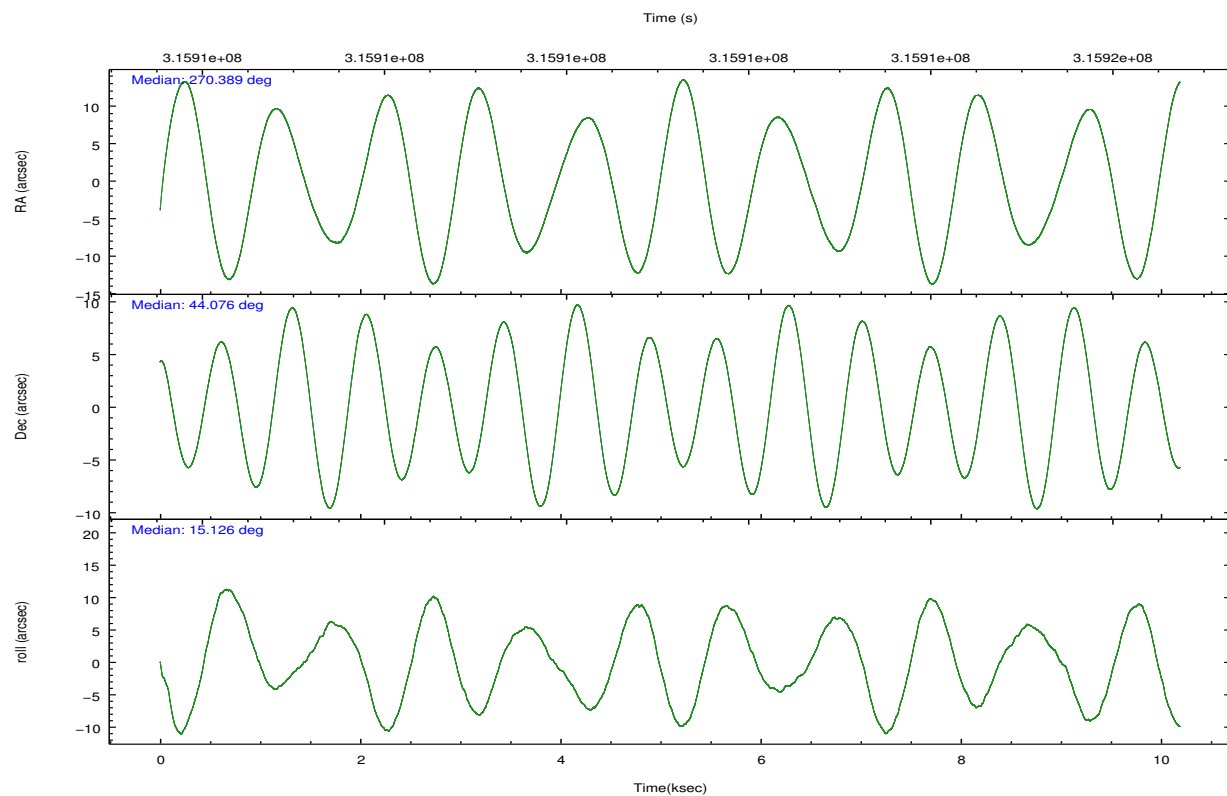
	ccd 7
grade 0 events	1273
	6%
grade 1 events	22
	0%
grade 2 events	2070
	10%
grade 3 events	1261
	6%
grade 4 events	1239
	6%
grade 5 events	1653
	8%
grade 6 events	4498
	22%
grade 7 events	7943
	39%

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	270.362730	270.389243093283	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	44.056632	44.07627323909686	Subarray start row	100	100
[deg] Pointing Roll	14.992354	15.13053664109269	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	-181.422523	-181.4355064758712			
[mm] SIM translation stage offset	-8.710000000000001	-8.697016107136648			
[s] Observation start time (MET)	315906232.184000	315905447.59593			
Observation start date	2008-01-05T07:42:47	2008-01-05T07:30:47			
[s] Observation end time (MET)	315916232.184000	315917118.75899			
Observation end date	2008-01-05T10:29:27	2008-01-05T10:45:18			
Read mode	TIMED	TIMED			

2.3 Aspect



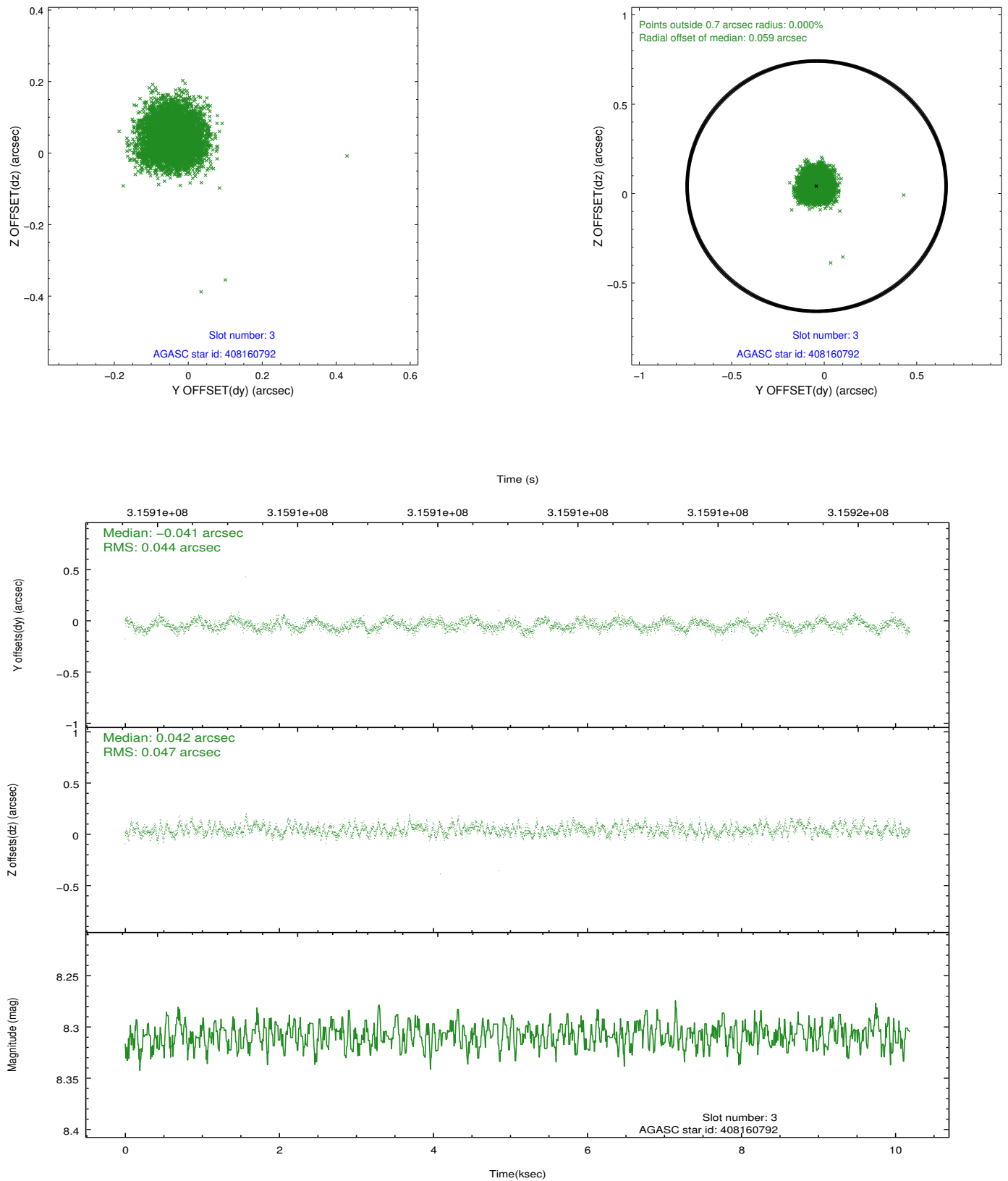


Slot Statistics

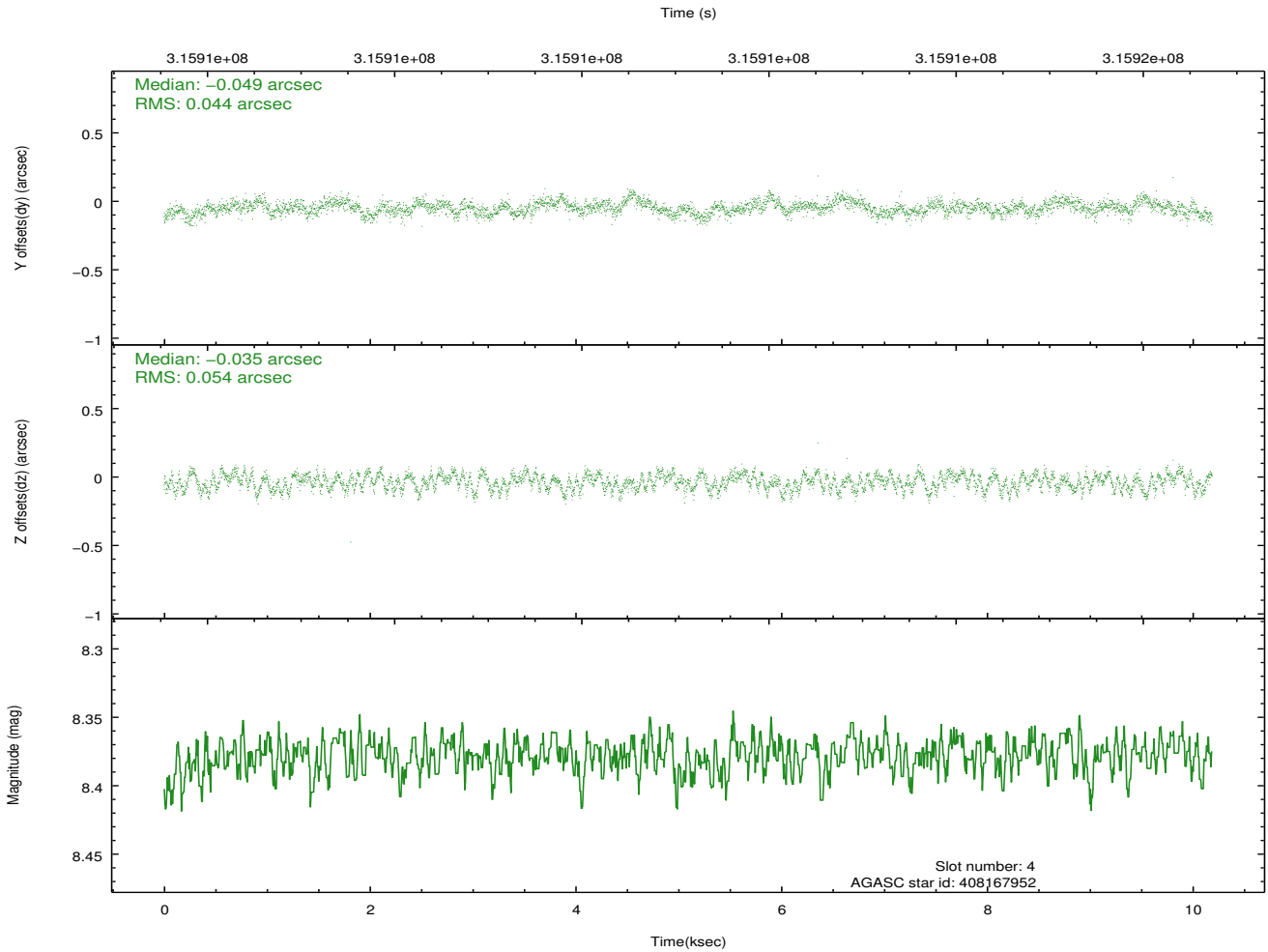
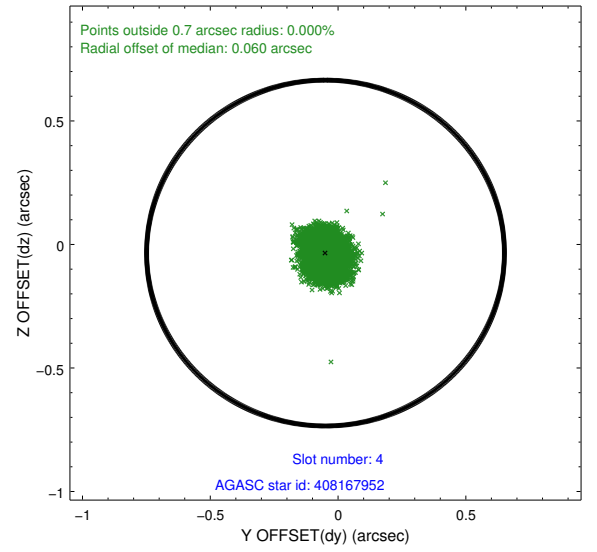
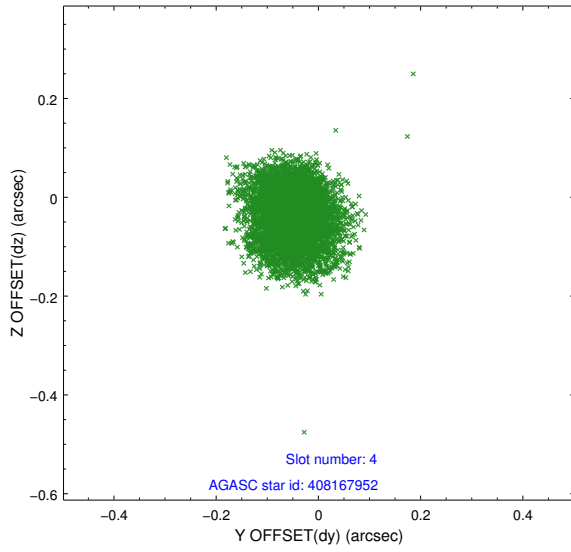
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.17	2486	0.080	0.102	0.008	0.012	0.000000	0.000000	930.20	-1912.01
1	FID	ACIS-S-2	7.08	2486	-0.169	-0.121	0.009	0.017	0.000000	0.000000	-765.66	-1917.45
2	FID	ACIS-S-6	7.39	2485	0.068	0.021	0.008	0.013	0.000000	0.000000	395.51	628.61
3	GUIDE	408160792	8.31	4969	-0.041	0.042	0.069	0.105	270.070776	44.482364	-327.50	1675.75
4	GUIDE	408167952	8.38	4970	-0.049	-0.035	0.075	0.117	270.564971	43.981444	436.35	-396.04
5	GUIDE	408168040	9.45	4968	-0.087	-0.134	0.108	0.177	271.080540	44.441822	2143.12	869.99
6	GUIDE	408169792	8.70	4969	0.175	-0.082	0.071	0.115	270.191370	43.571727	-882.25	-1570.17
7	GUIDE	408171272	8.89	4966	0.005	0.205	0.092	0.146	270.260969	43.461351	-810.99	-2001.32

2.4 Star Slots

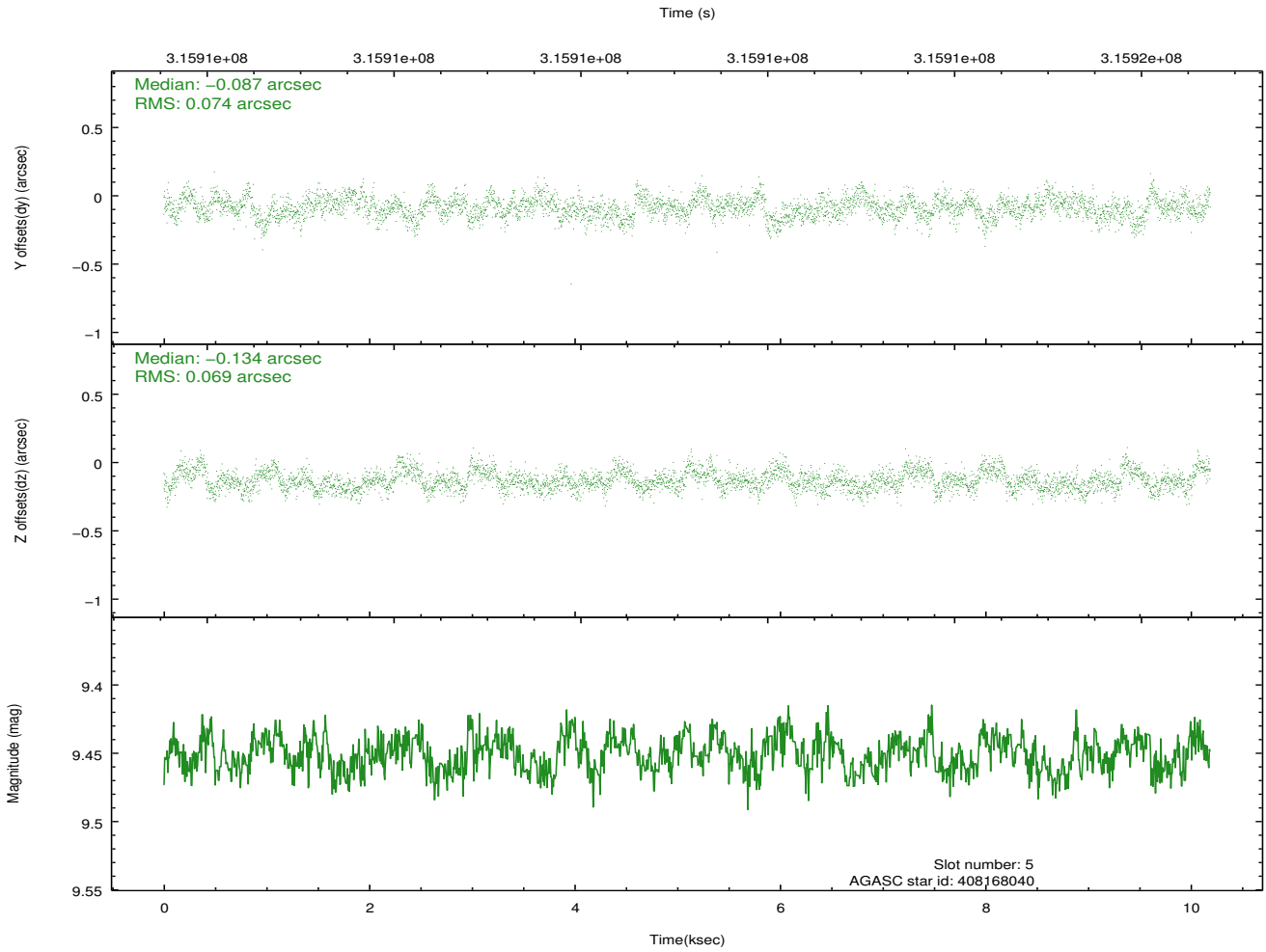
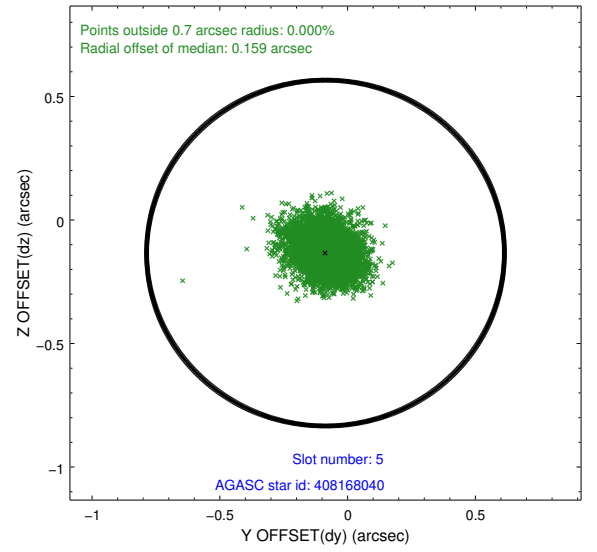
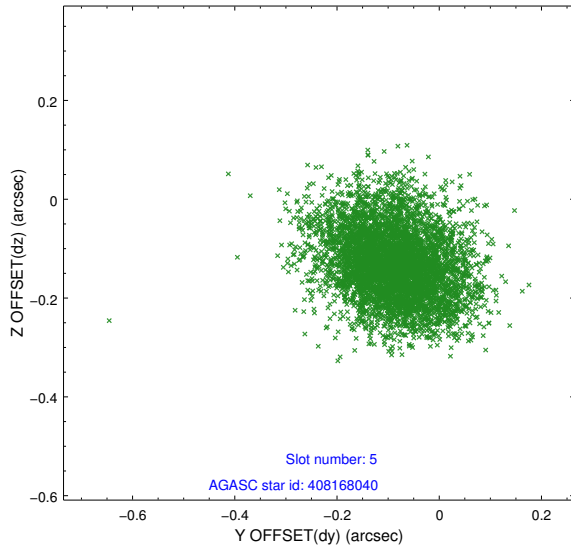
2.4.1 Slot 3



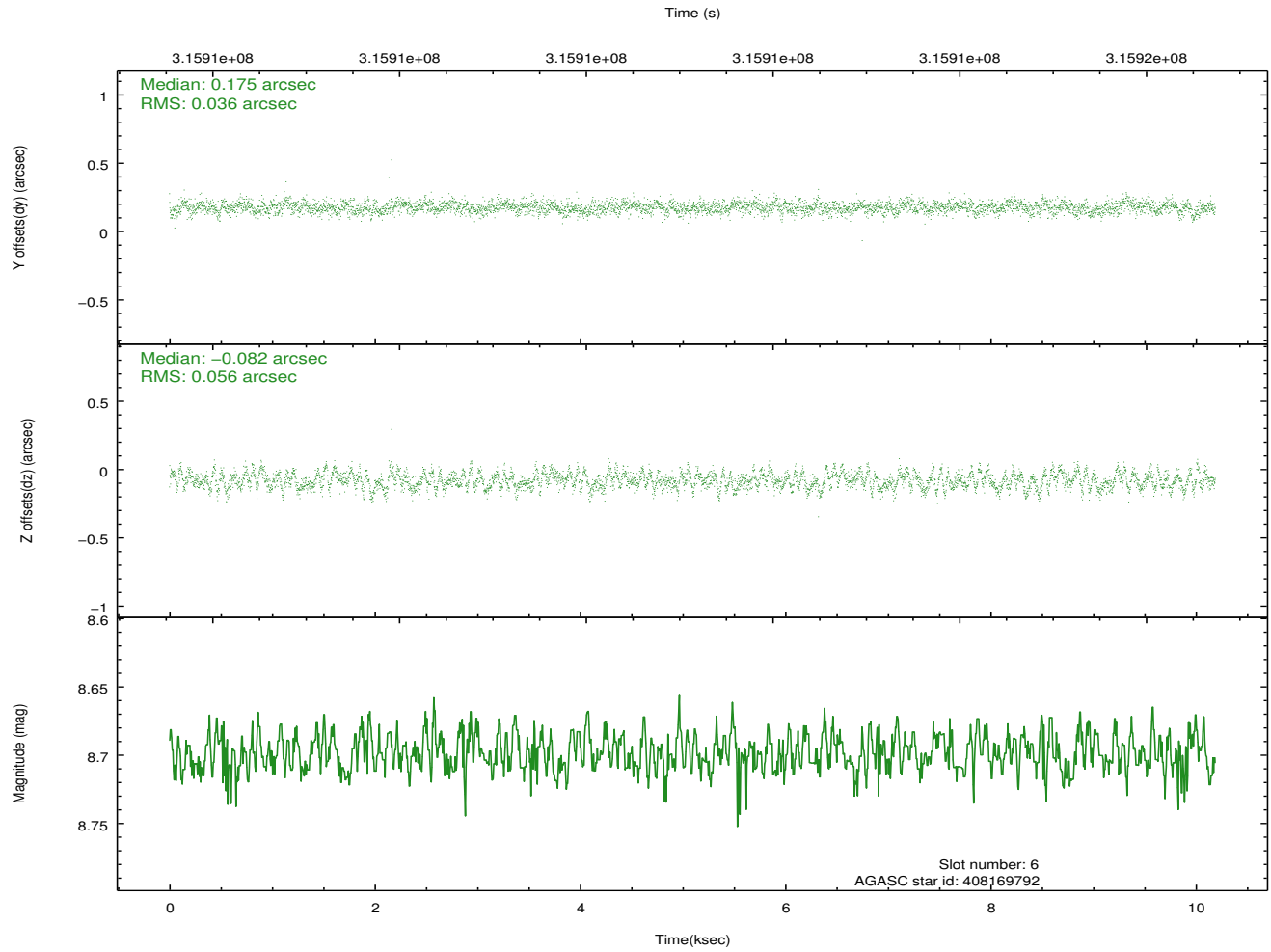
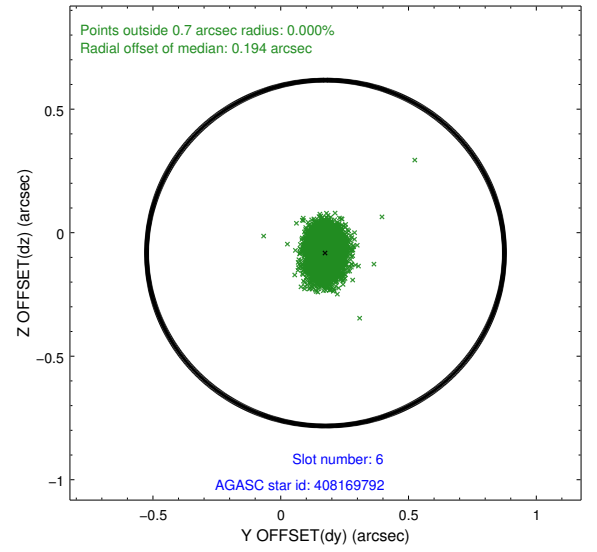
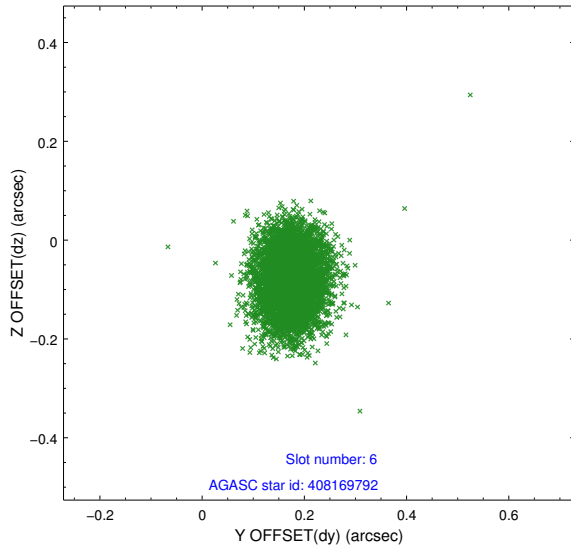
2.4.2 Slot 4



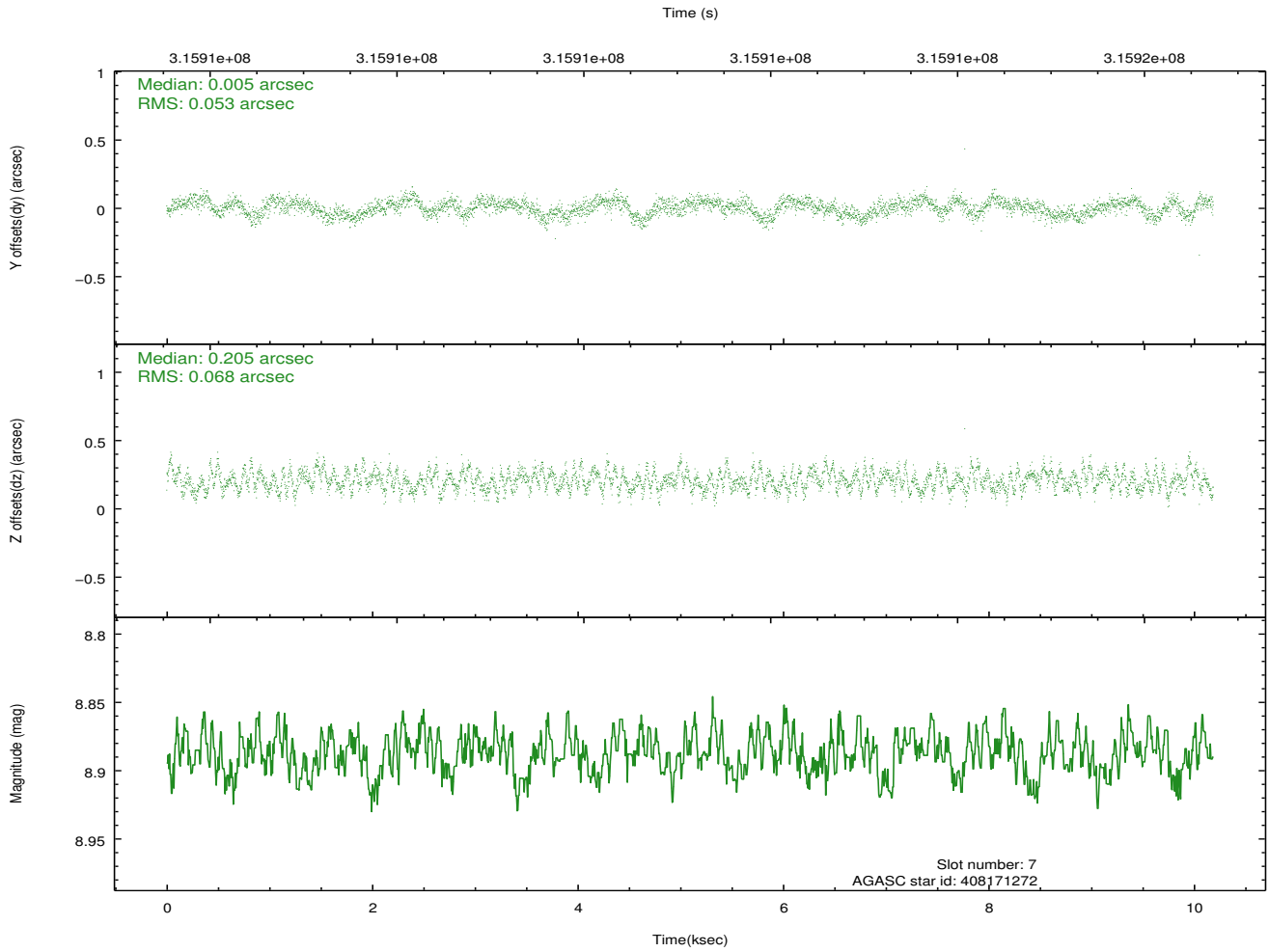
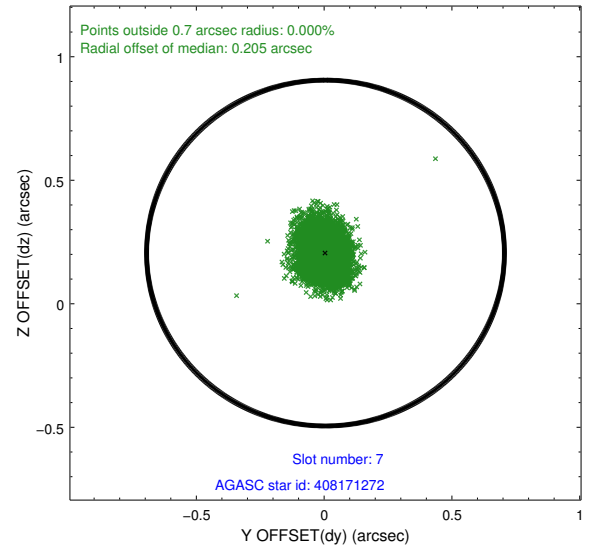
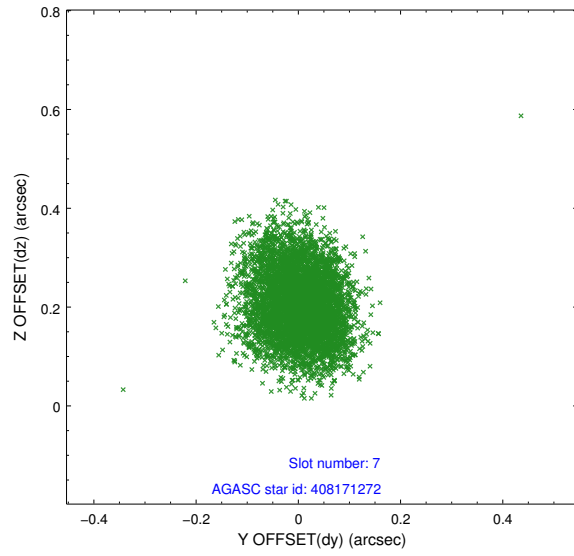
2.4.3 Slot 5



2.4.4 Slot 6

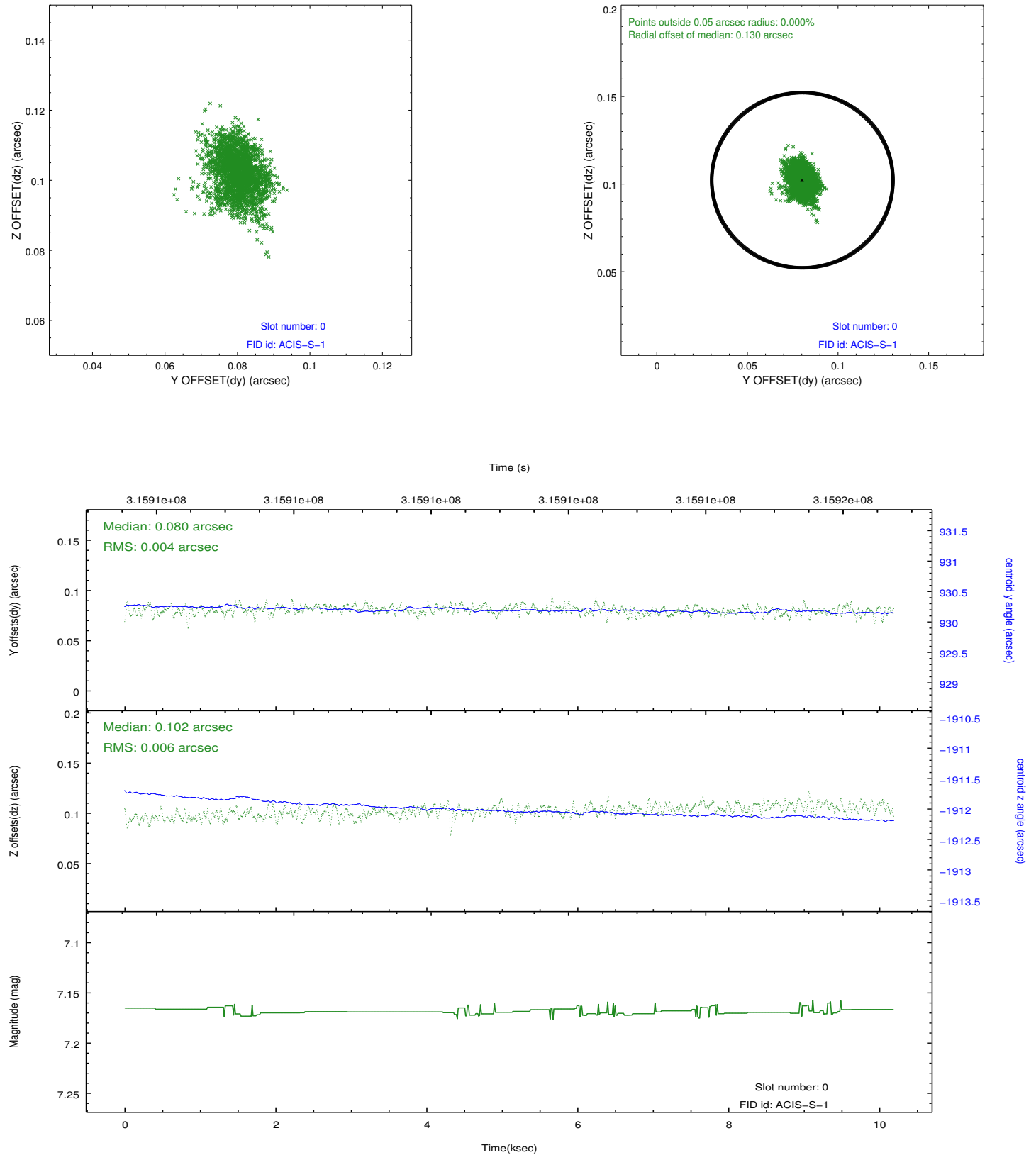


2.4.5 Slot 7

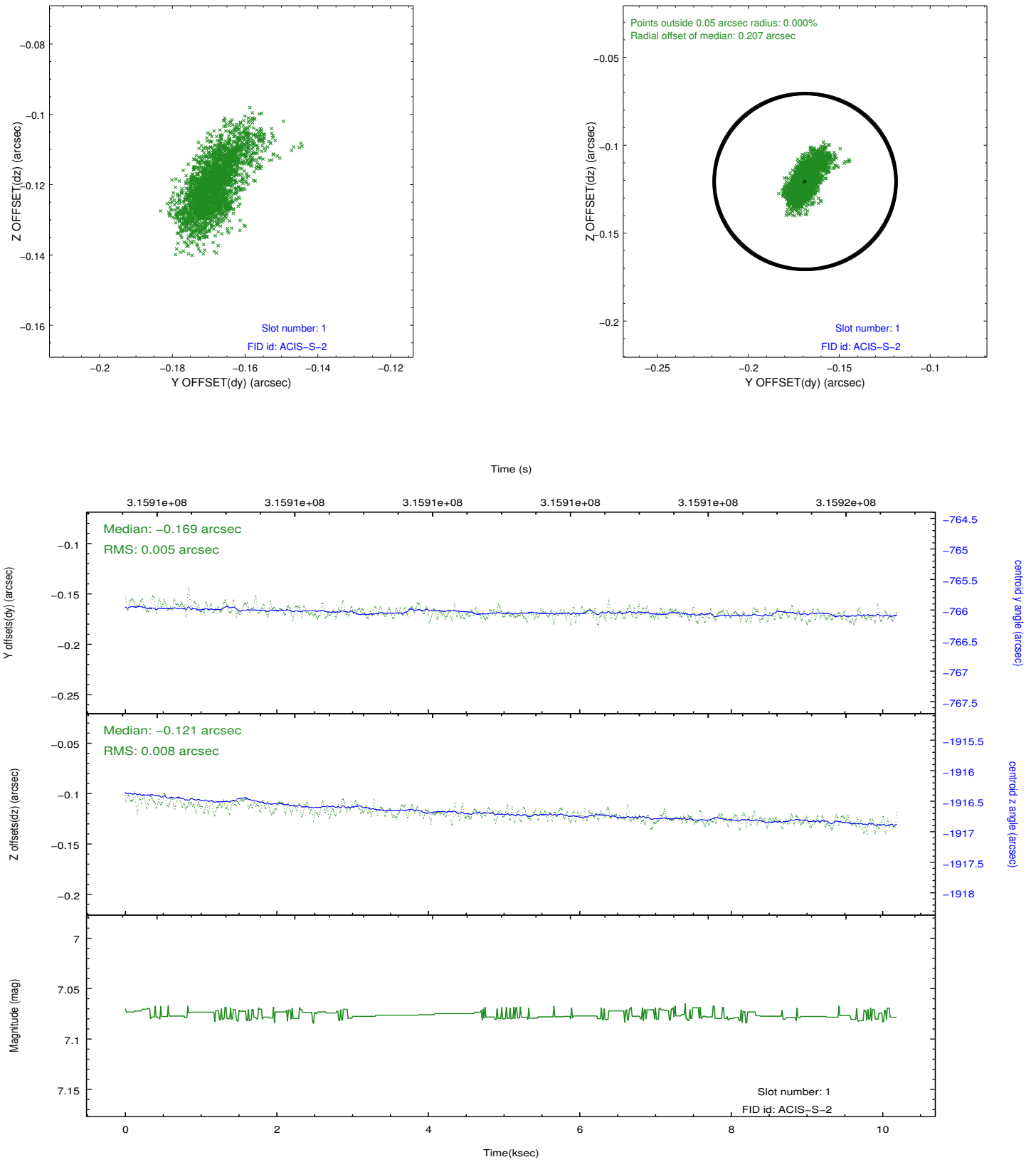


2.5 FID Slots

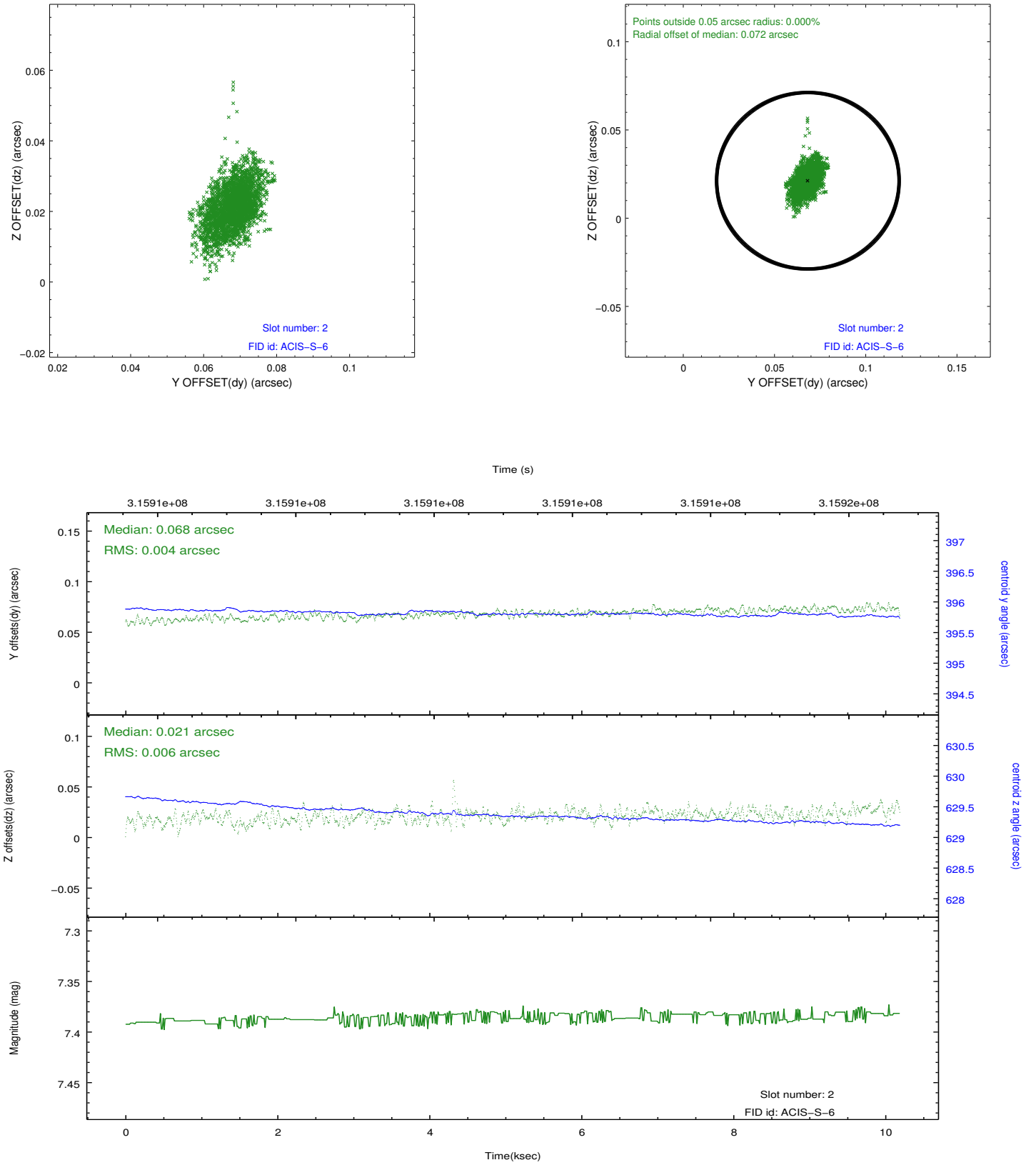
2.5.1 Slot 0



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)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1871993

A.2 Comments