

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9290 - L2 Version 2
Chandra X-Ray Center

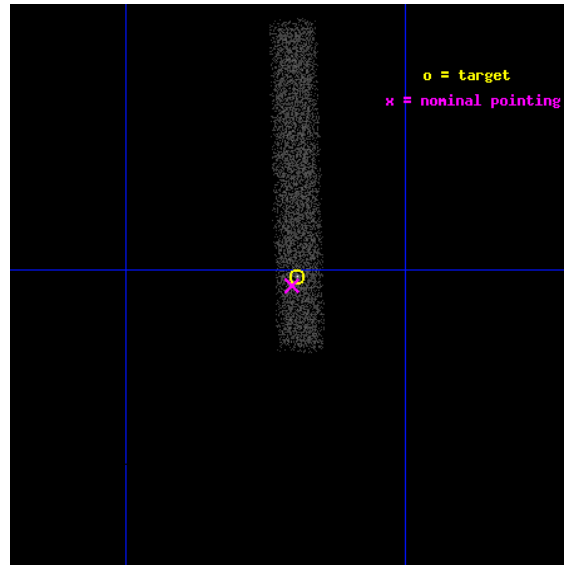
L2 Processing Date : May 25 2012

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1 Front

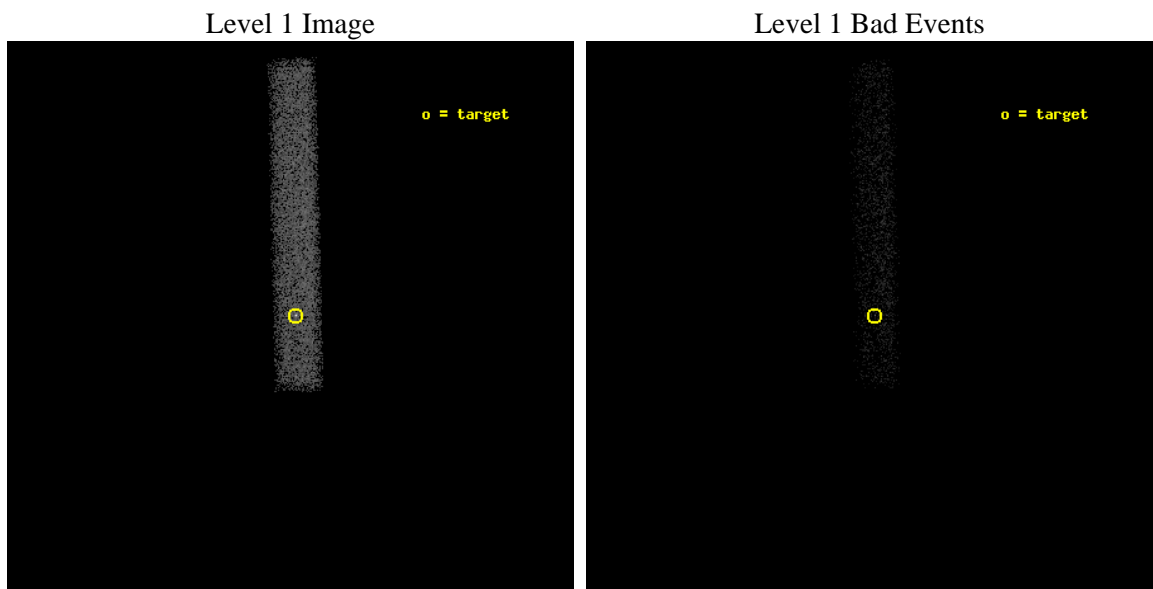
seq_num	701730	Sequence number
obs_id	9290	Observation id
title	Surveying X-ray Jets in Superluminal Blazars	Proposal title
observer	Dr. Matthew Lister	Principal investigator
object	0119+115	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	20.423333	Observer's specified target RA [deg]
dec_targ	11.830667	Observer's specified target Dec [deg]
ra_nom	20.425841223903	Nominal RA [deg]
dec_nom	11.826484164666	Nominal Dec [deg]
roll_nom	268.65611082528	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9951.9994068146	Sum of GTIs [s]
livetime	9025.9381523804	Livetime [s]
ontime7	9951.9994068146	Sum of GTIs [s]
l2events	8994	Number of level 2 events



2 OBI

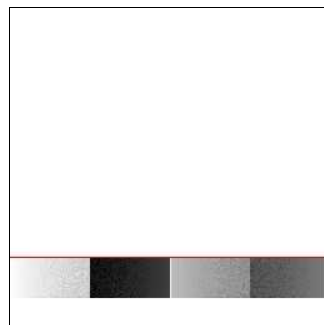
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	9951.9994068146	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	9951.9994068146	Sum of GTIs [s]
date	2012-05-25T04:13:30	Date and time of file creation	l1events	20985	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	20985
rejected events	11765
rejected %	56%

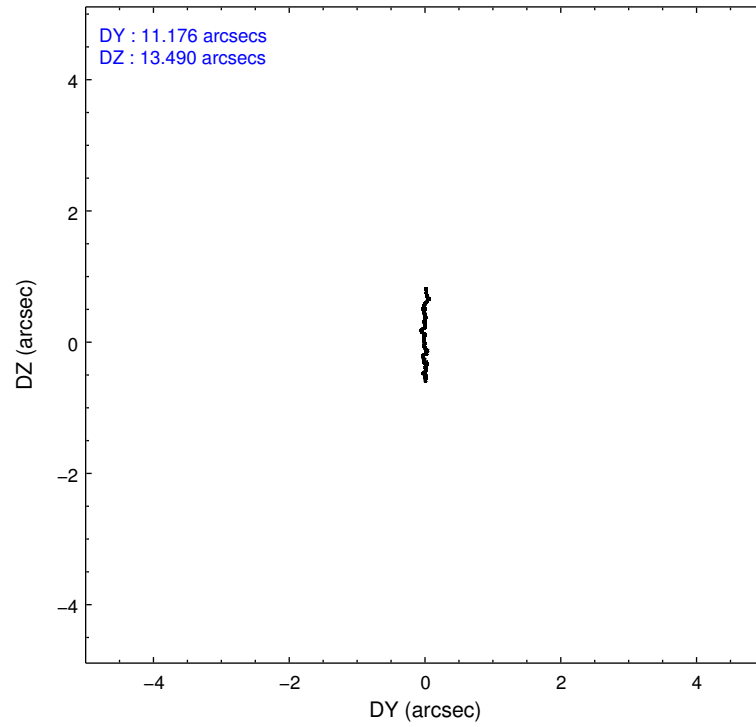
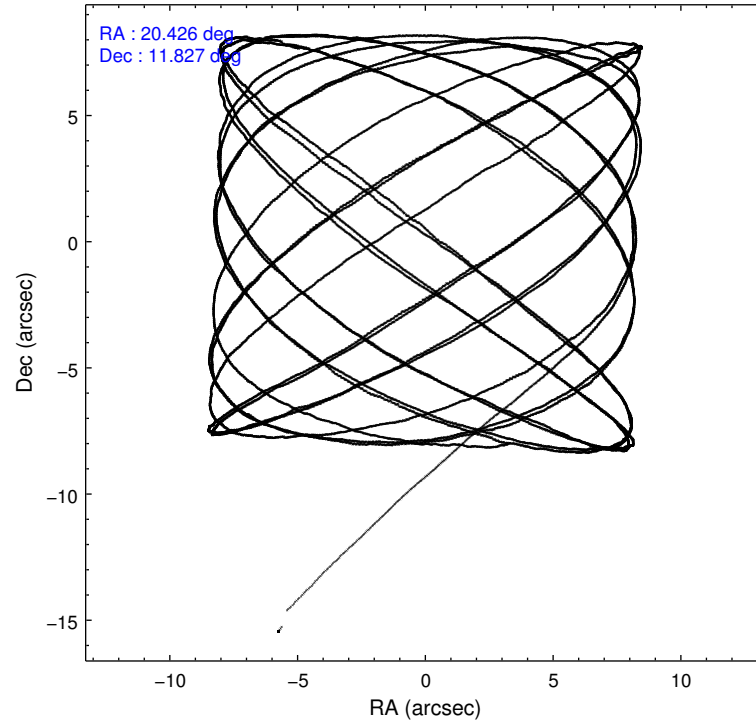
	ccd 7
grade 0 events	1136
	5%
grade 1 events	20
	0%
grade 2 events	2071
	9%
grade 3 events	1282
	6%
grade 4 events	1178
	5%
grade 5 events	1875
	8%
grade 6 events	4560
	21%
grade 7 events	8863
	42%

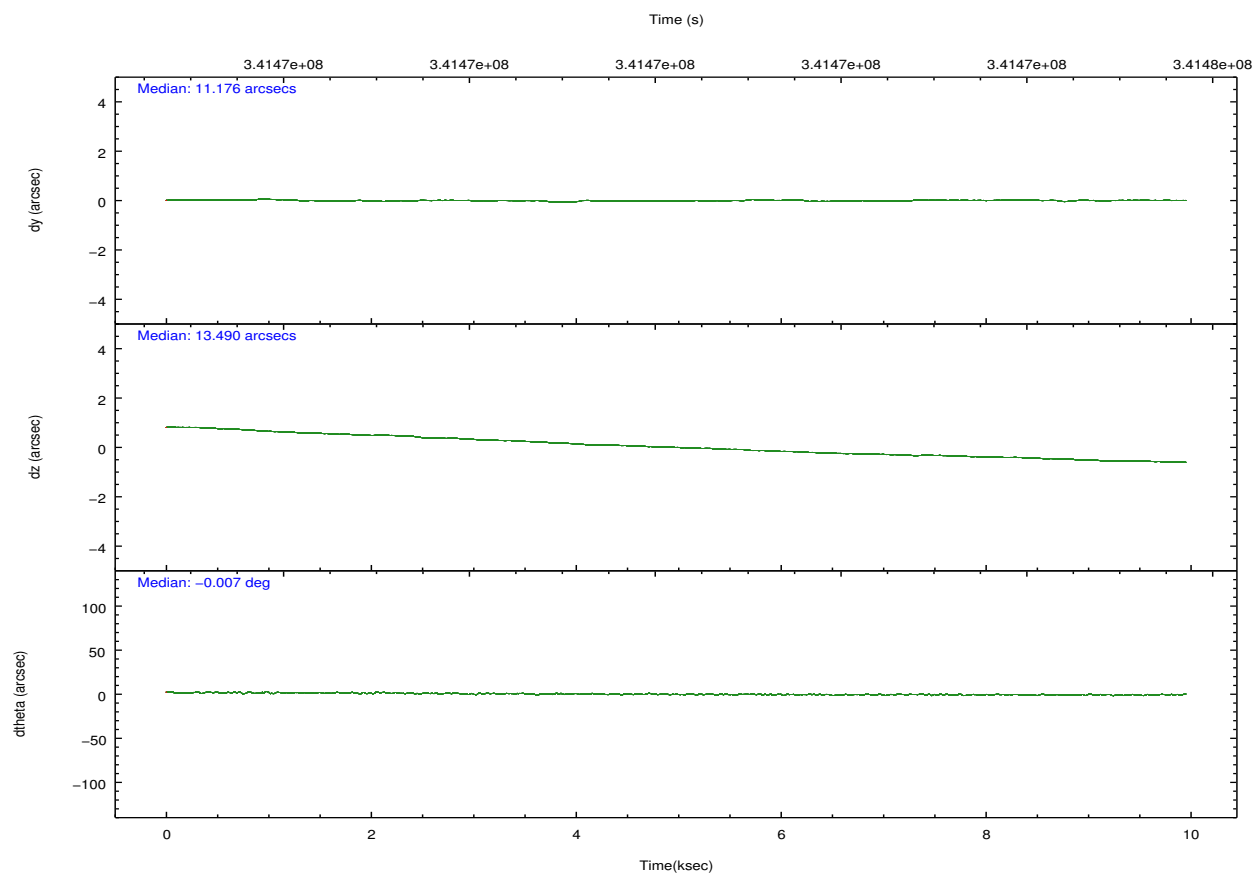
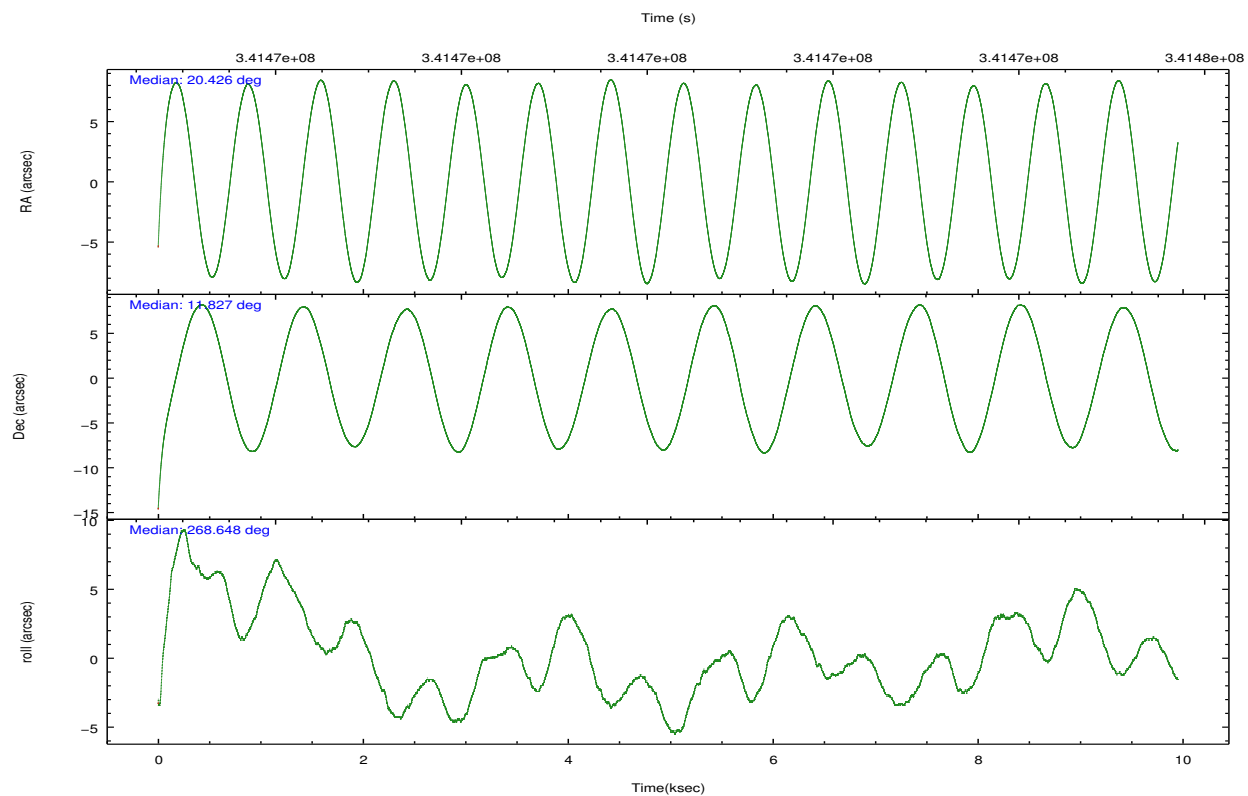
2.2 Compared Parameters

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	20.412099	20.42584122390303
[deg] Pointing Dec	11.850291	11.82648416466612
[deg] Pointing Roll	268.502305	268.6561108252769
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-181.422523	-181.4304778452681
[mm] SIM translation stage offset	-8.710000000000001	-8.702044737739755
[s] Observation start time (MET)	341465398.184000	341464008.62911
Observation start date	2008-10-27T03:28:53	2008-10-27T03:06:48
[s] Observation end time (MET)	341475198.184000	341475753.59219
Observation end date	2008-10-27T06:12:13	2008-10-27T06:22:33
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	100	100
Subarray row count	128	128
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.4

2.3 Aspect



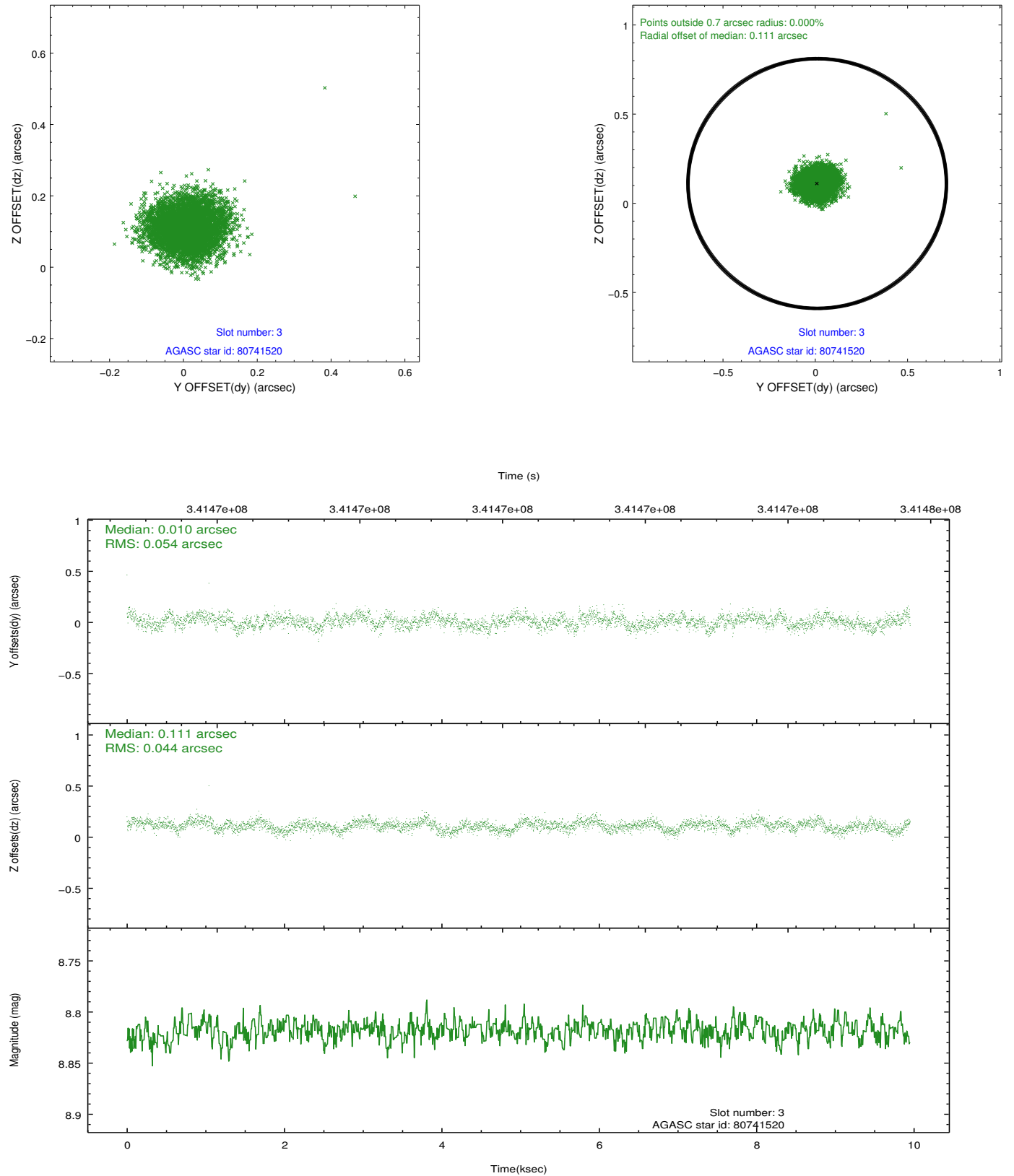


Slot Statistics

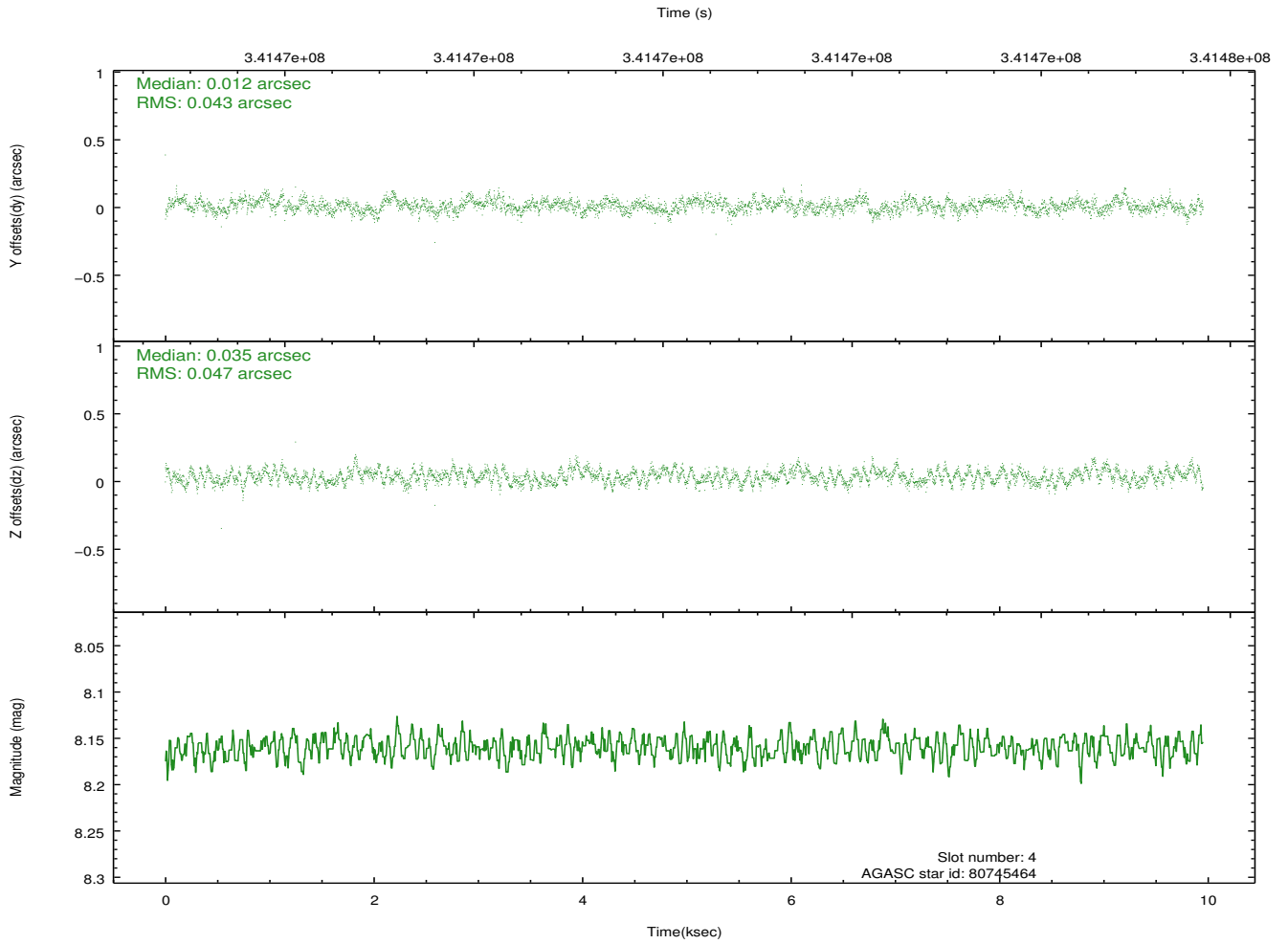
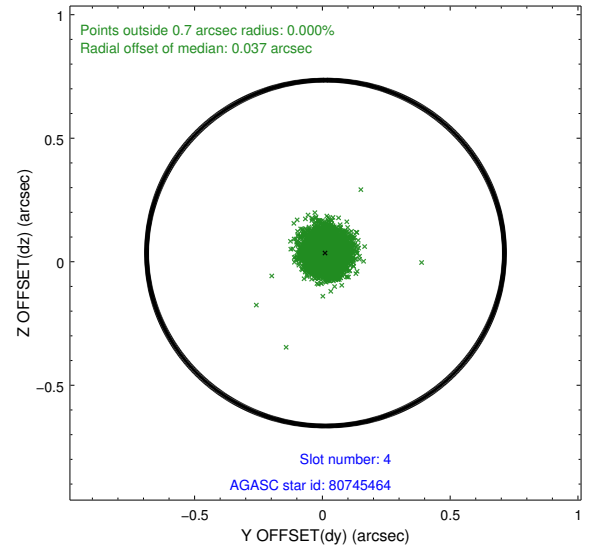
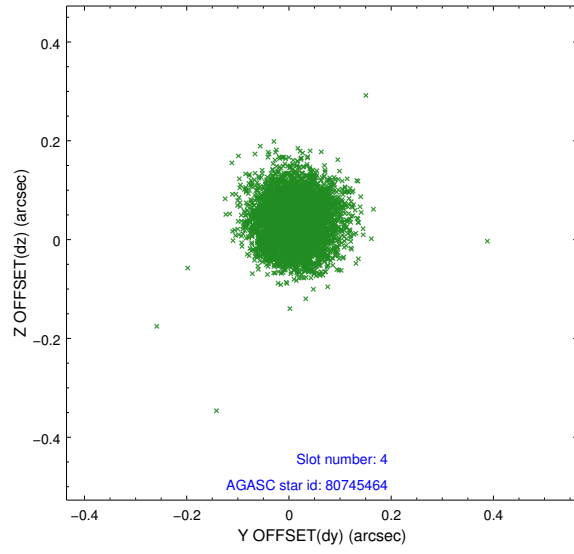
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.95	2427	0.065	0.197	0.010	0.024	0.000000	0.000000	932.75	-1909.52
1	FID	ACIS-S-2	6.85	2428	-0.179	-0.135	0.016	0.030	0.000000	0.000000	-763.10	-1915.08
2	FID	ACIS-S-6	7.16	2428	0.095	-0.059	0.012	0.020	0.000000	0.000000	398.12	630.91
3	GUIDE	80741520	8.82	4850	0.010	0.111	0.075	0.118	20.425530	11.270725	2084.75	102.47
4	GUIDE	80745464	8.16	4851	0.012	0.035	0.068	0.106	20.318544	11.926801	-265.89	-336.27
5	GUIDE	80747496	8.40	4853	0.044	-0.065	0.063	0.101	20.204337	11.457987	1431.58	-694.71
6	GUIDE	80873216	9.32	4852	-0.014	0.065	0.098	0.159	20.998468	12.410276	-2071.07	2008.12
7	GUIDE	80876640	8.80	4854	-0.055	-0.147	0.093	0.144	20.669971	11.658191	666.75	927.56

2.4 Star Slots

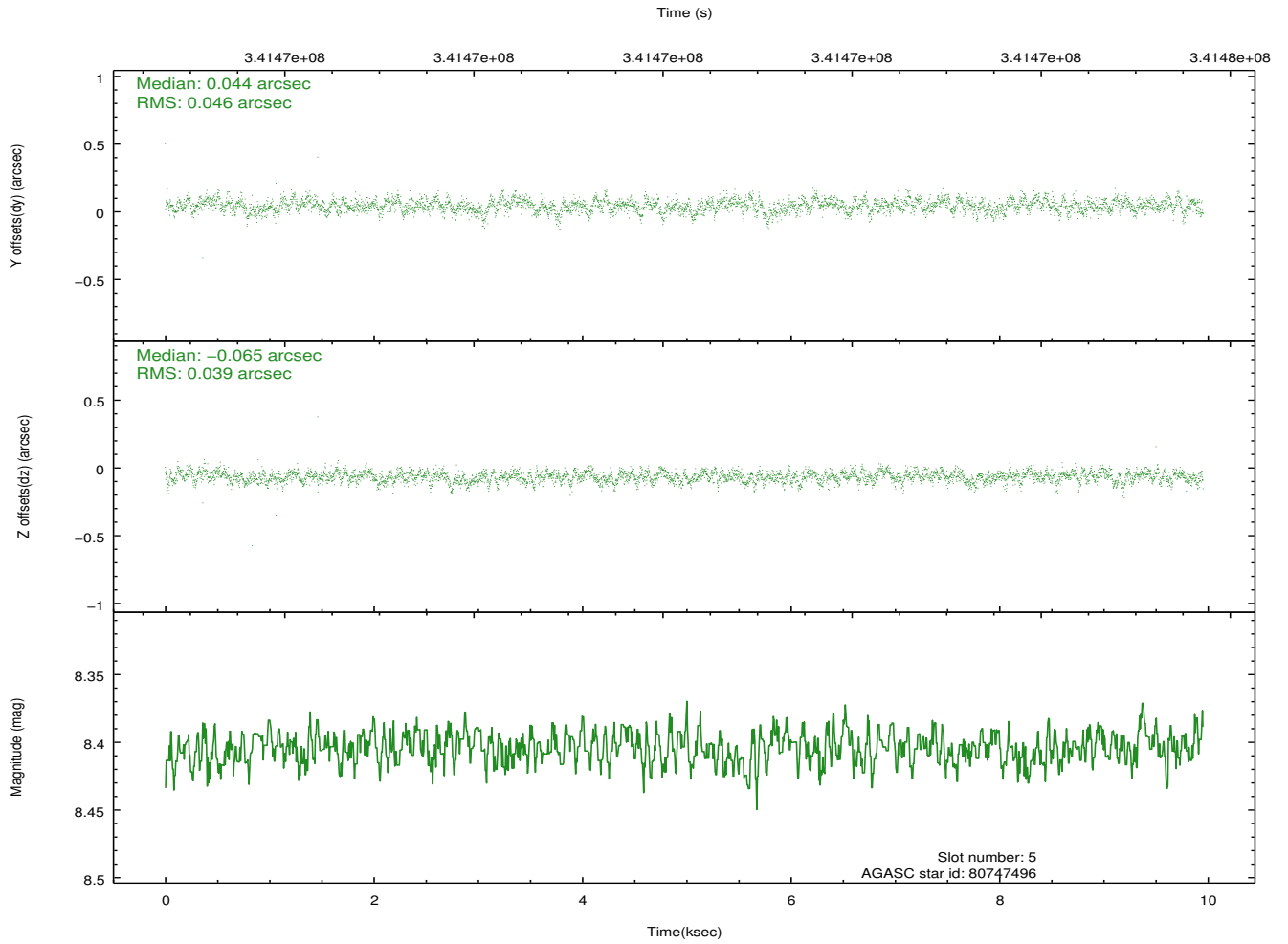
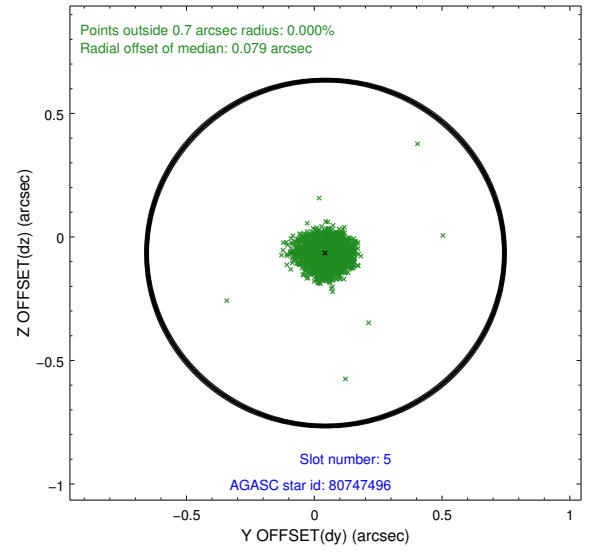
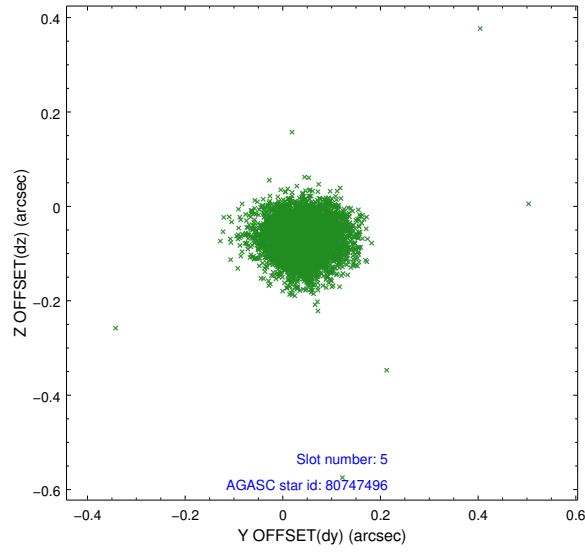
2.4.1 Slot 3



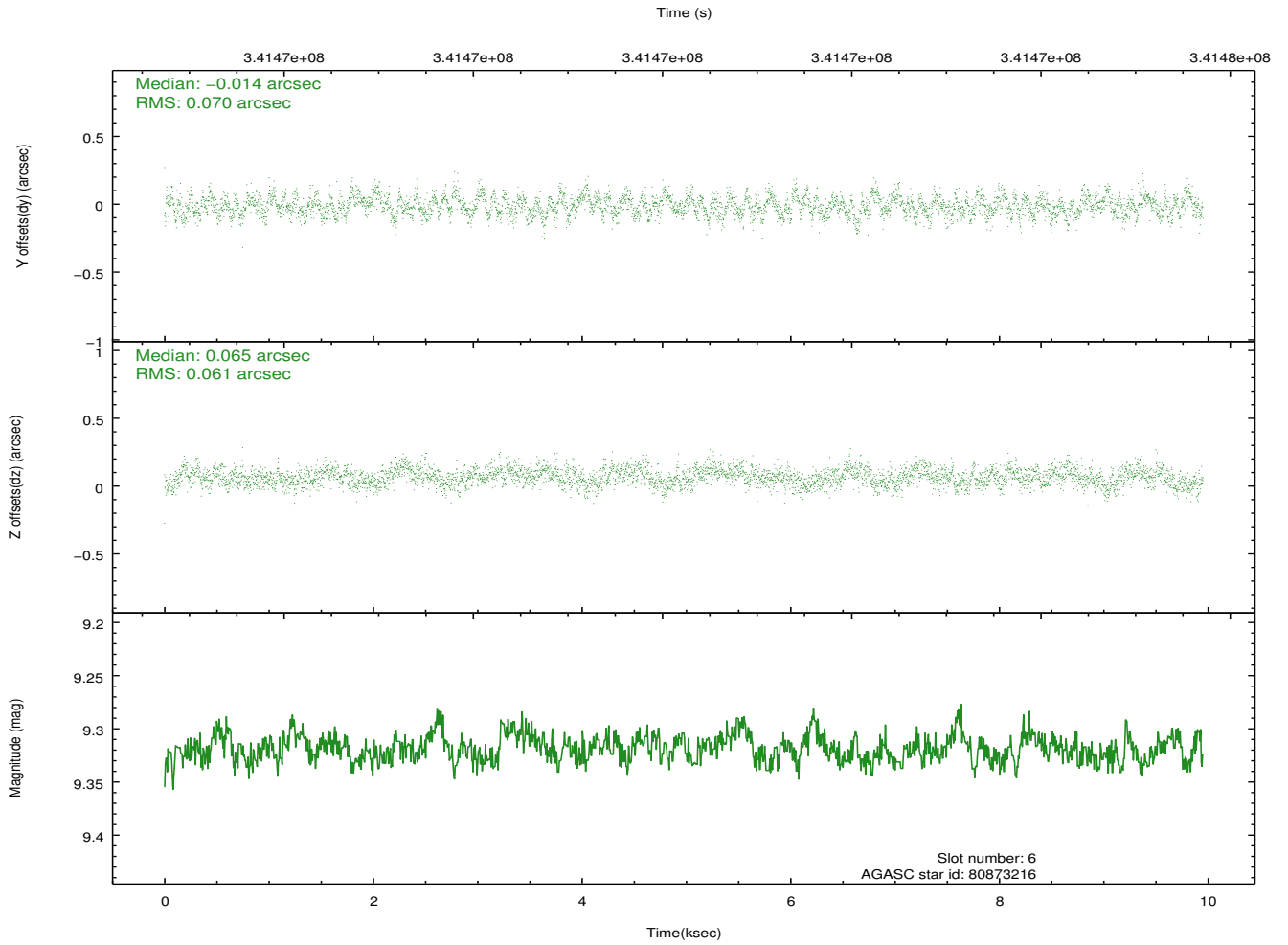
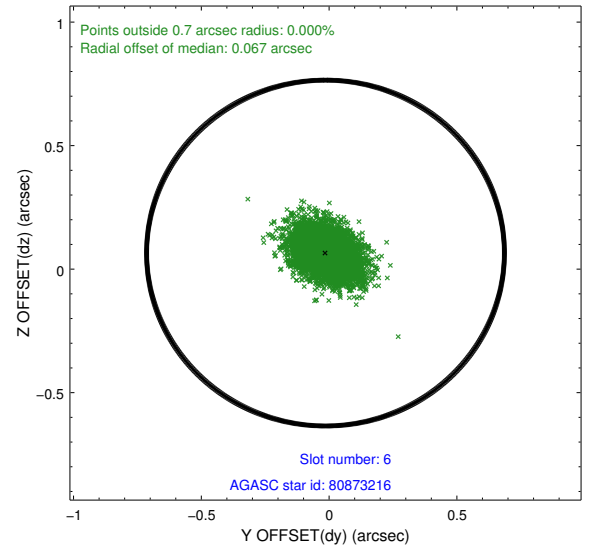
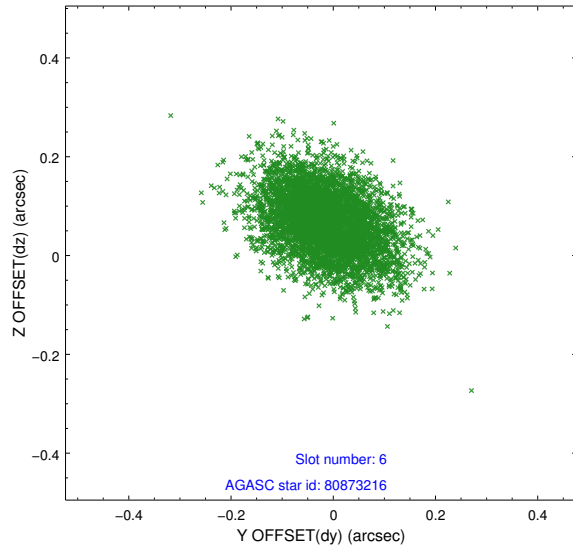
2.4.2 Slot 4



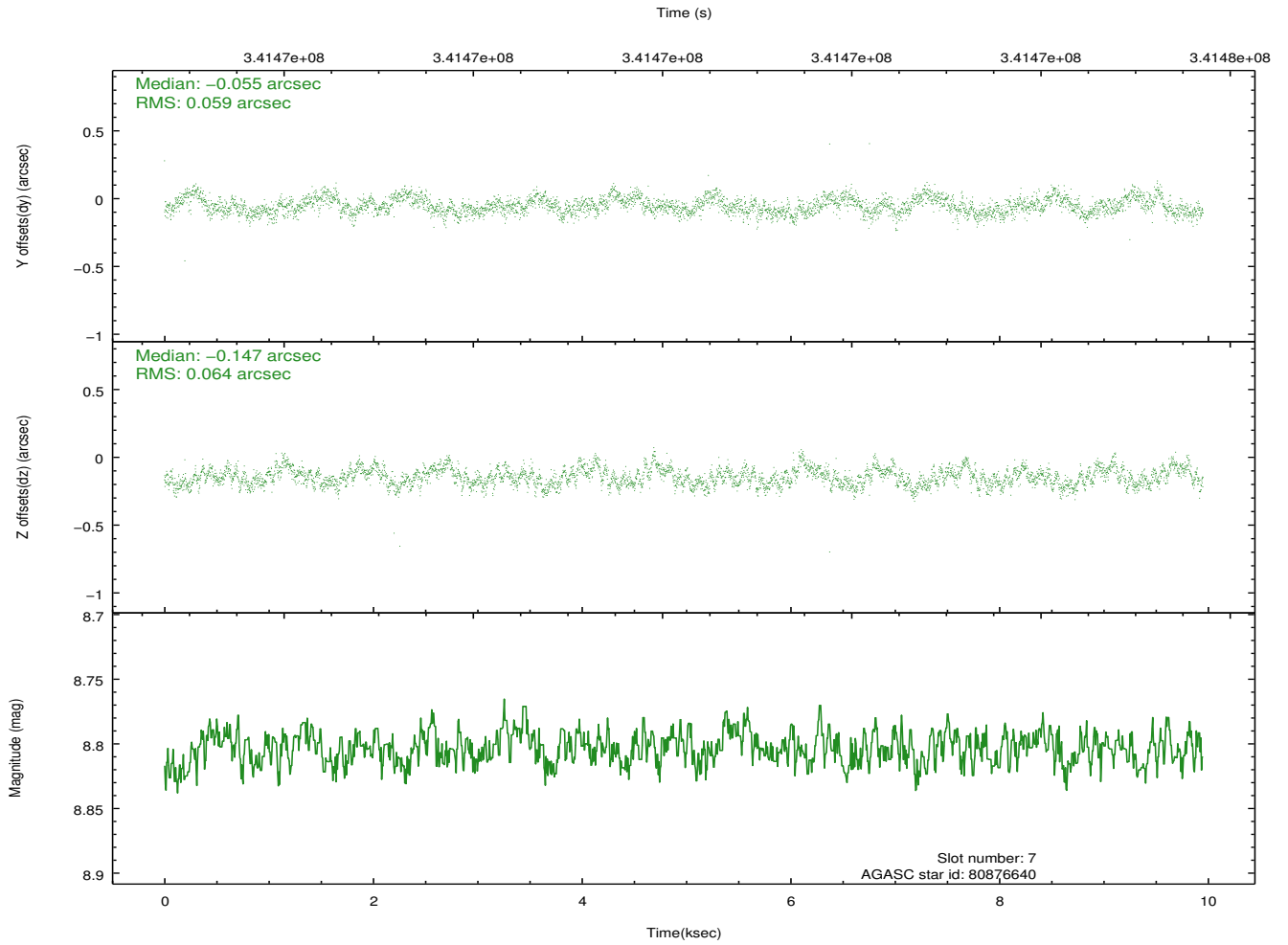
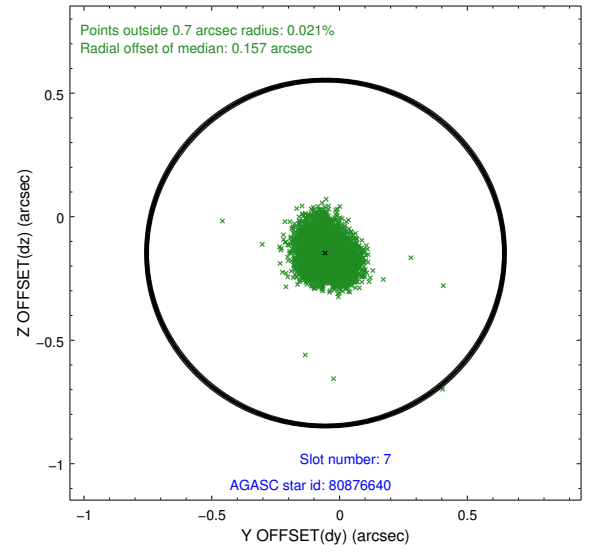
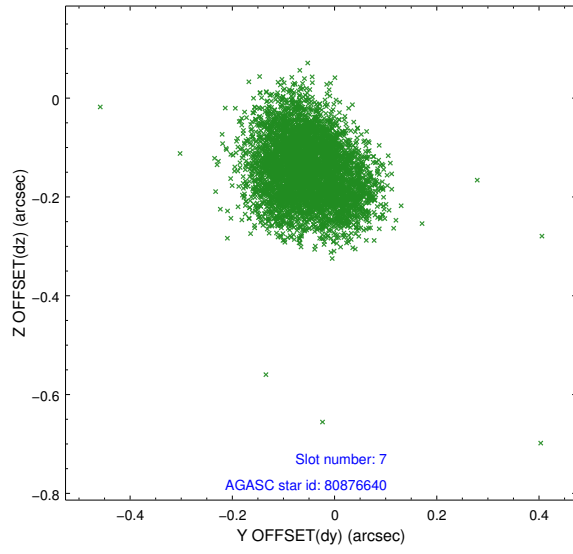
2.4.3 Slot 5



2.4.4 Slot 6

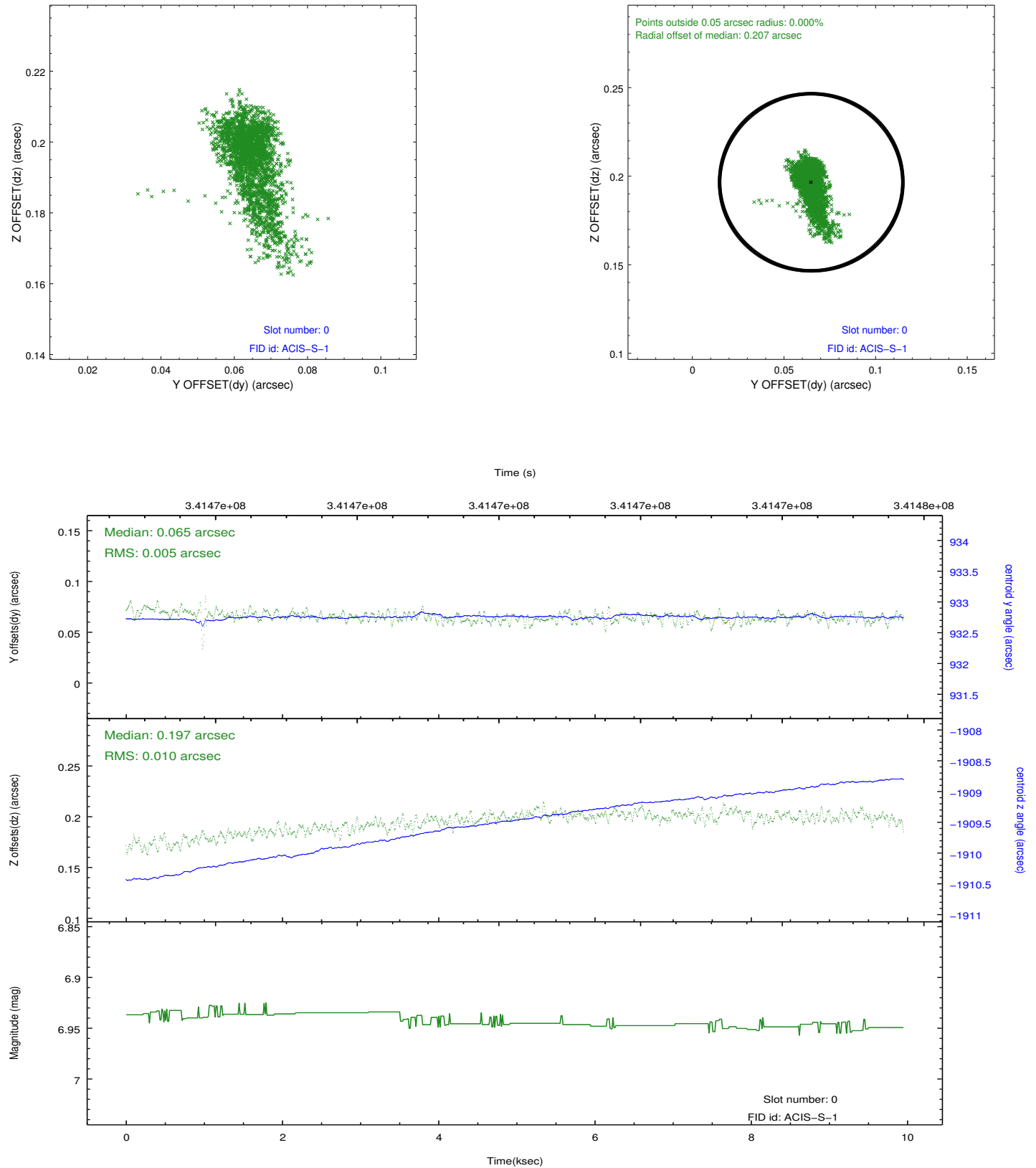


2.4.5 Slot 7

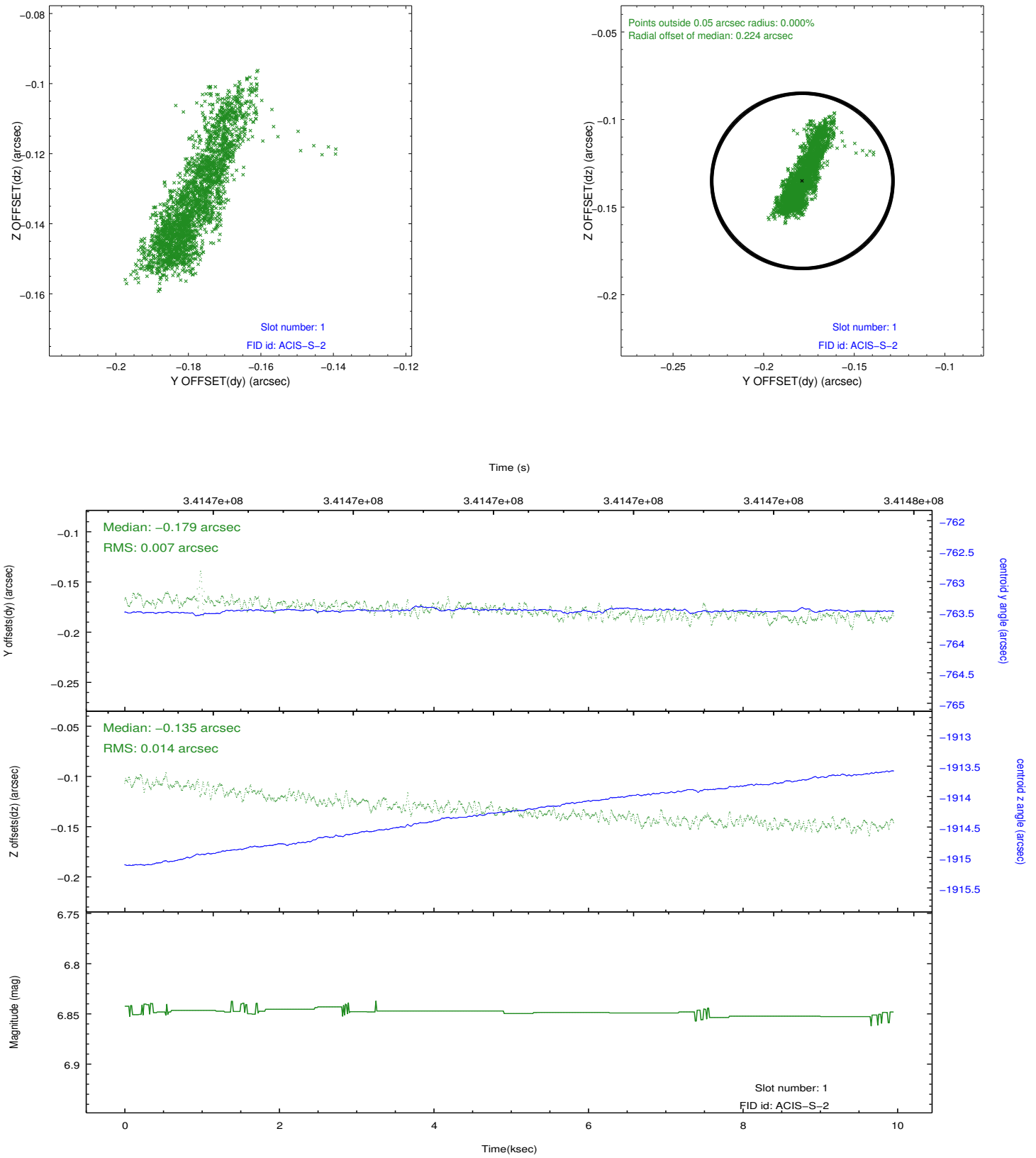


2.5 FID Slots

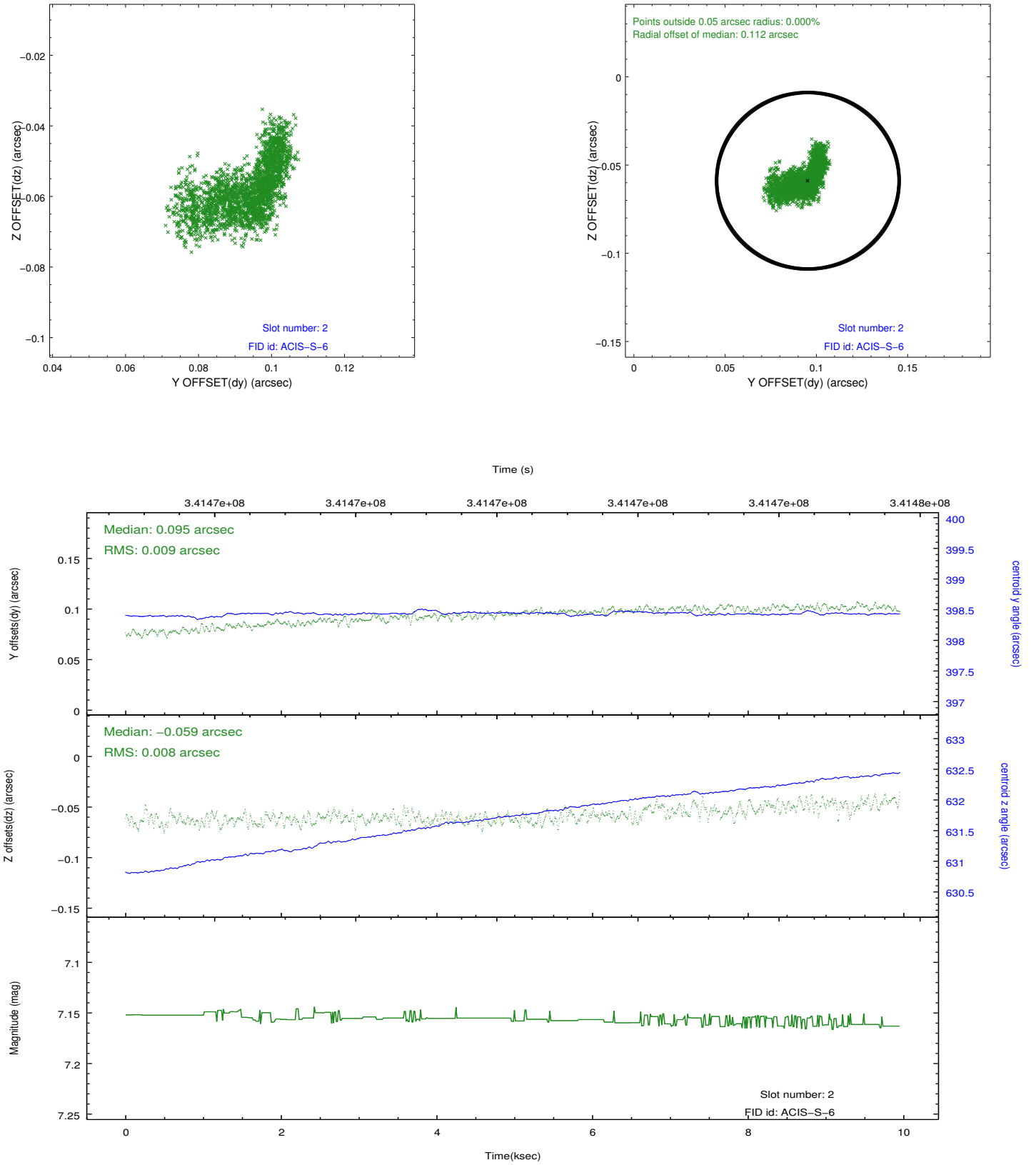
2.5.1 Slot 0



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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.9519994

A.2 Comments