

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7498 - L2 Version 2
Chandra X-Ray Center

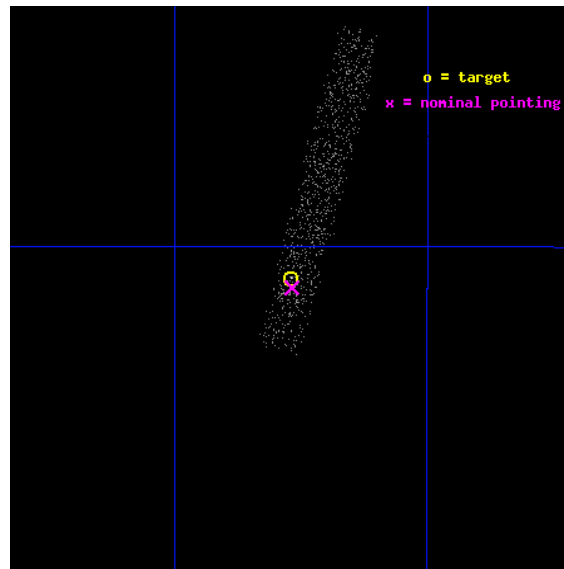
L2 Processing Date : Apr 27 2012

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1 Front

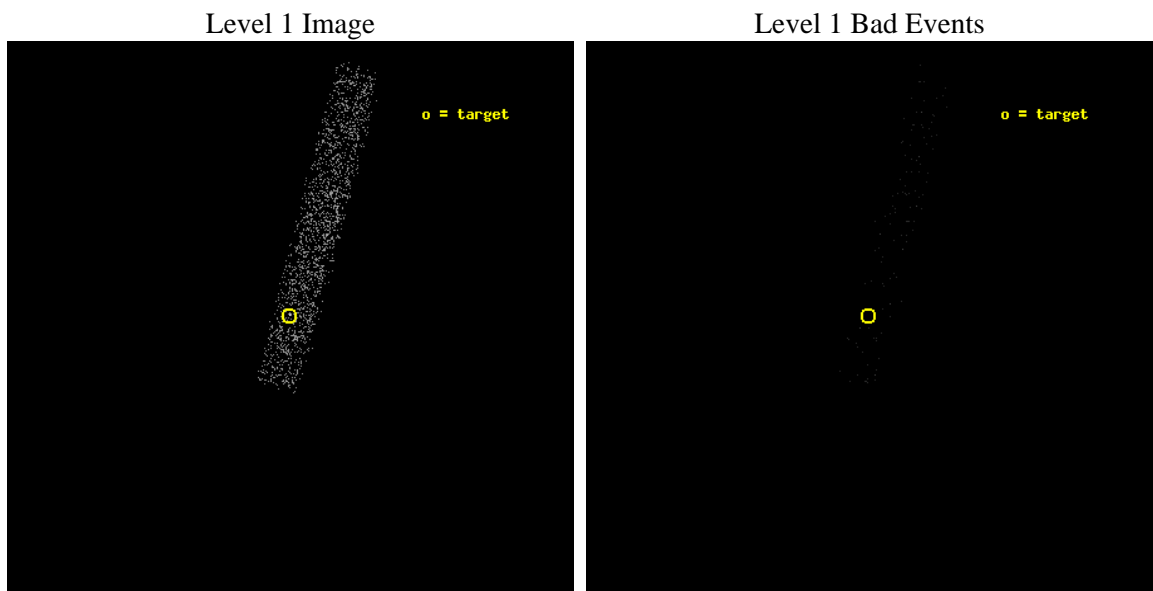
seq_num	400608	Sequence number
obs_id	7498	Observation id
title	Precise Localization of Neutron Star Soft X-ray Transients	Proposa
observer	Prof. Deepto Chakrabarty	Principal investigator
object	XMMU J174716.1-281048	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.8175	Observer's specified target RA [deg]
dec_targ	-28.180056	Observer's specified target Dec [deg]
ra_nom	266.8170970756	Nominal RA [deg]
dec_nom	-28.184352870801	Nominal Dec [deg]
roll_nom	284.67023677172	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1077.1999357939	Sum of GTIs [s]
livetime	976.96348249037	Livetime [s]
ontime7	1077.1999357939	Sum of GTIs [s]
l2events	996	Number of level 2 events



2 OBI

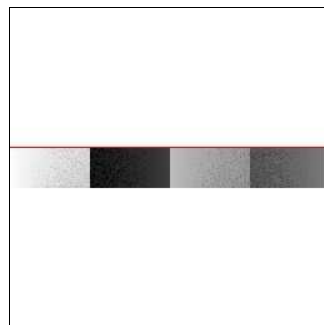
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1077.1999357939	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	1077.1999357939	Sum of GTIs [s]
date	2012-04-27T13:18:29	Date and time of file creation	l1events	2089	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

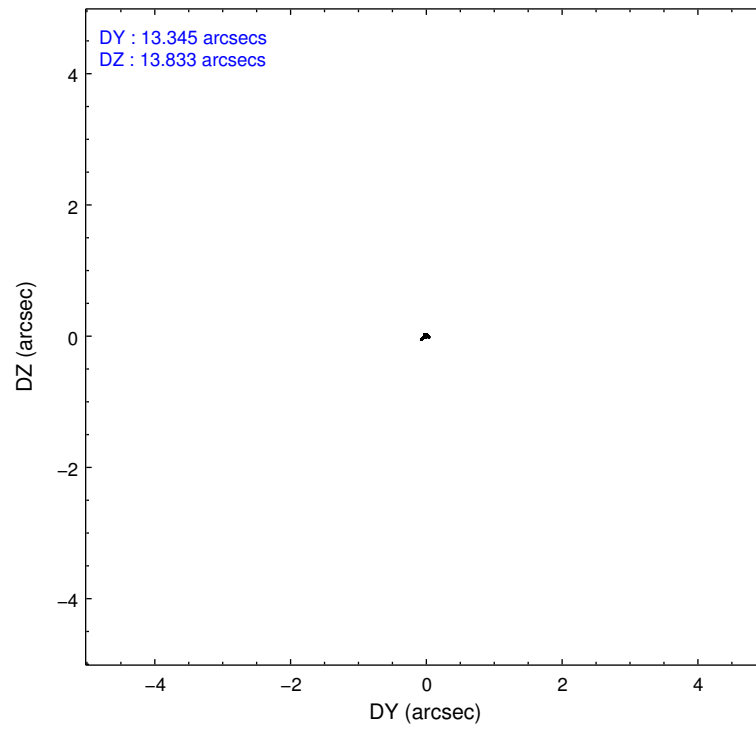
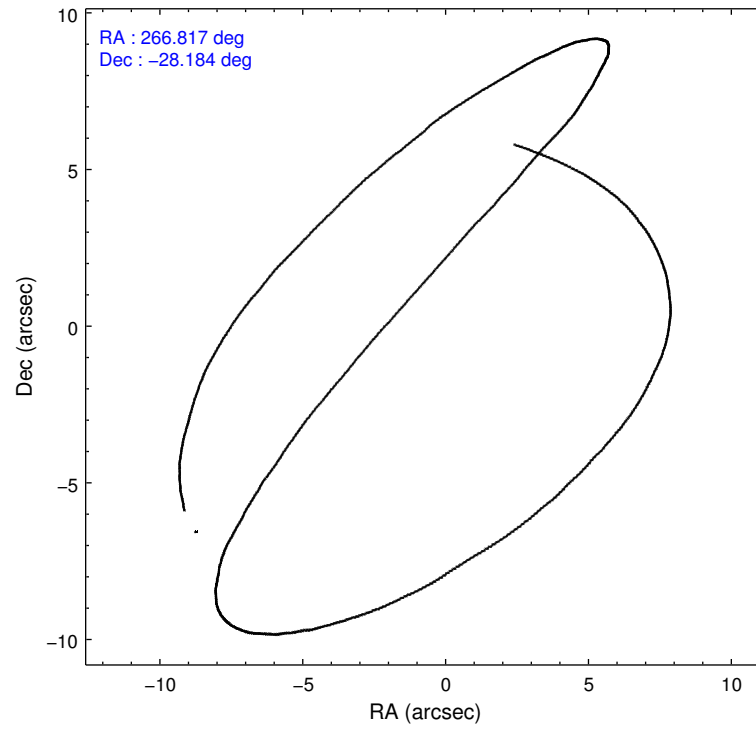
	ccd 7
level 1 events	2089
rejected events	1054
rejected %	50%

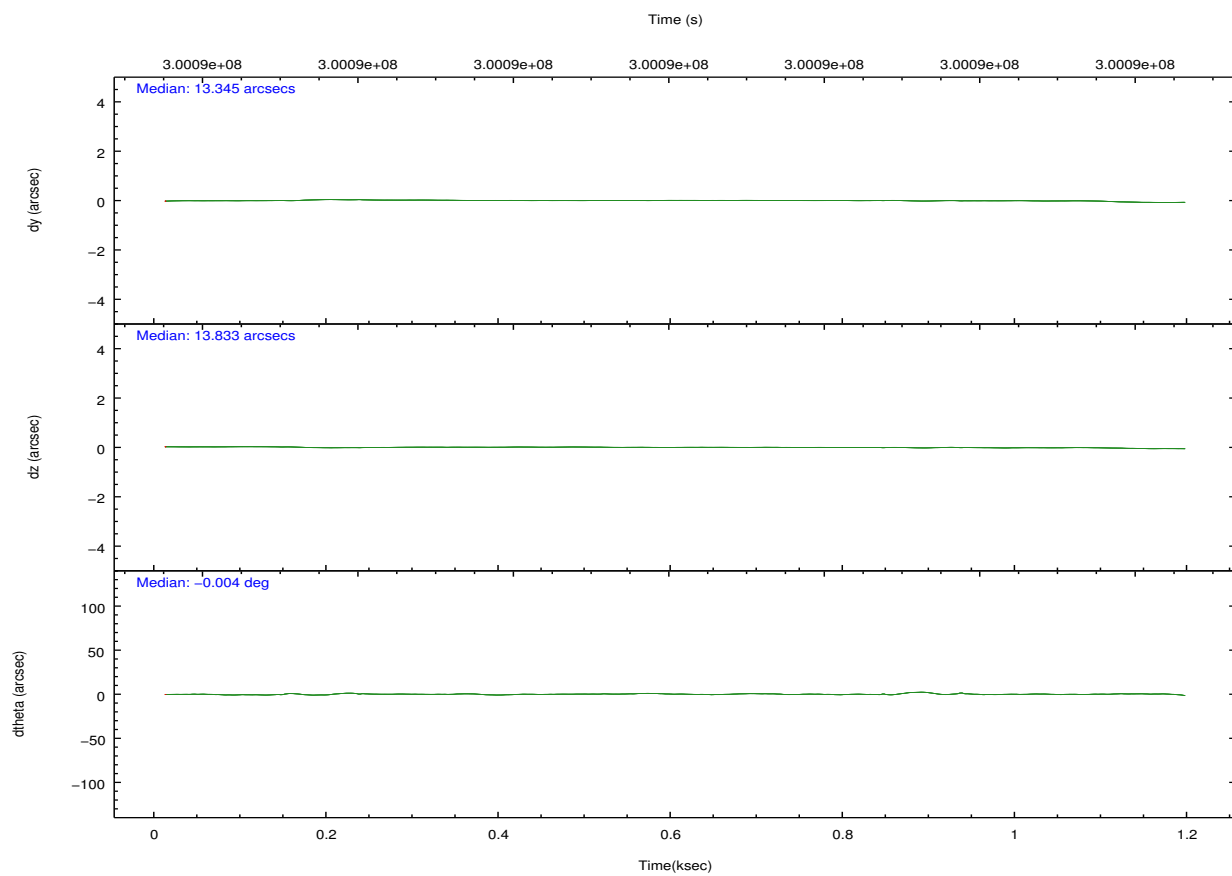
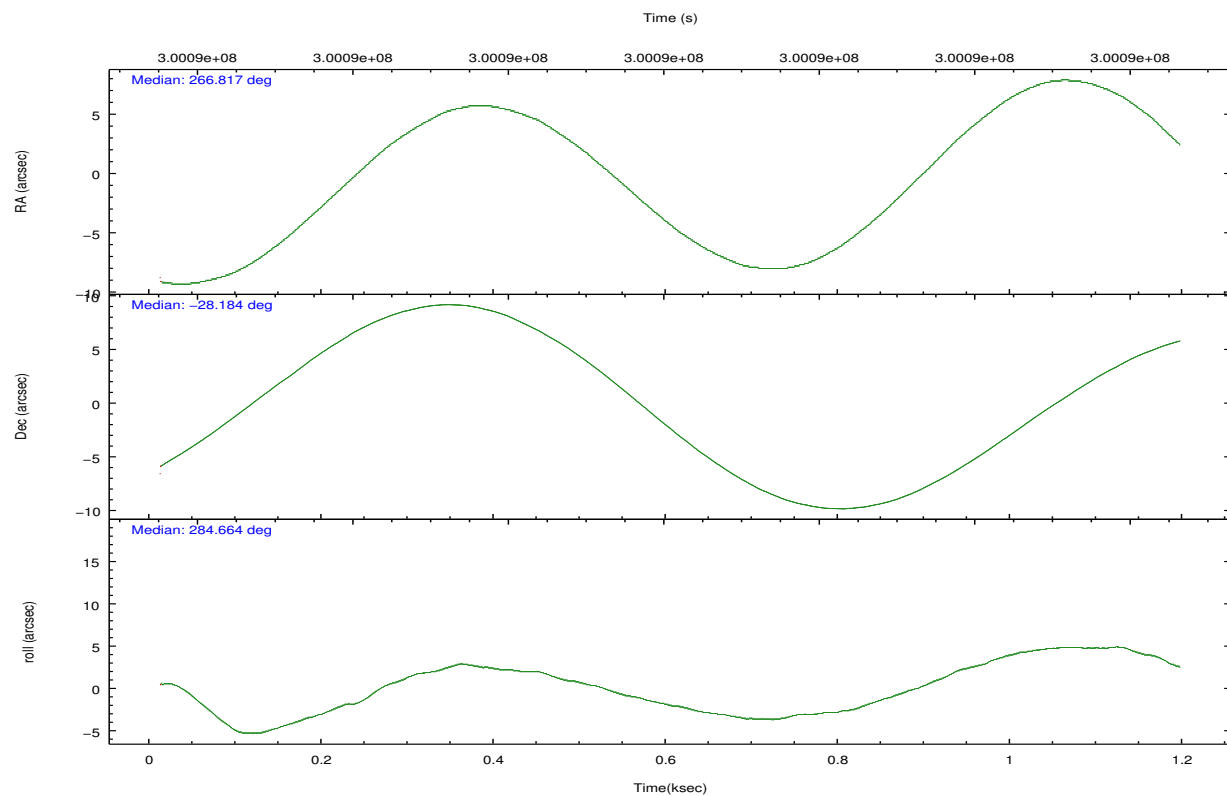
	ccd 7
grade 0 events	122
	5%
grade 1 events	2
	0%
grade 2 events	202
	9%
grade 3 events	128
	6%
grade 4 events	119
	5%
grade 5 events	172
	8%
grade 6 events	464
	22%
grade 7 events	880
	42%

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	266.794803	266.8170970755953	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-28.165267	-28.18435287080097	Subarray start row	449	449
[deg] Pointing Roll	284.503025	284.6702367717156	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	300085415.184000	300084844.99634			
Observation start date	2007-07-06T05:02:30	2007-07-06T04:54:04			
[s] Observation end time (MET)	300086415.184000	300086860.14644			
Observation end date	2007-07-06T05:19:10	2007-07-06T05:27:40			
Read mode	TIMED	TIMED			

2.3 Aspect



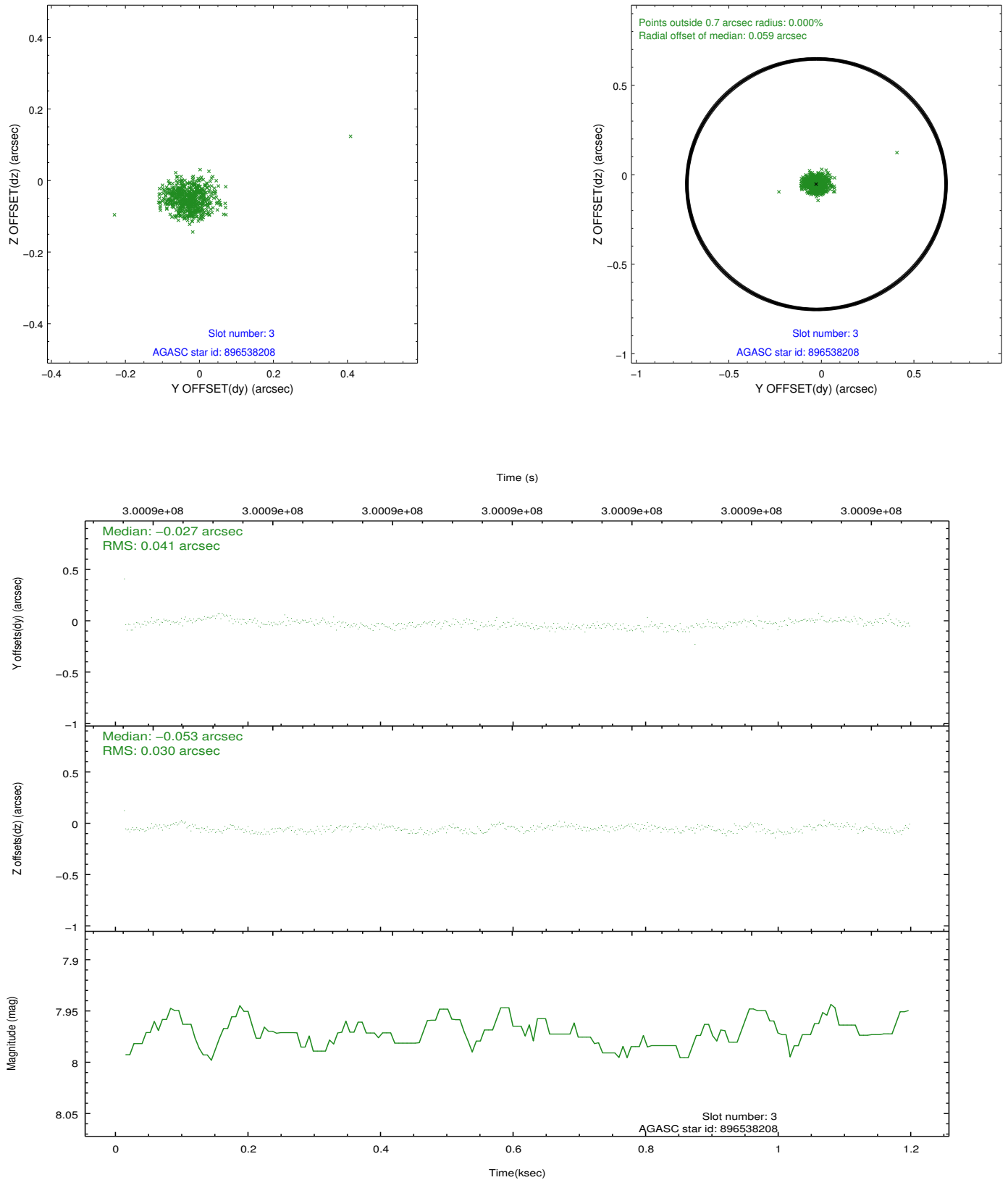


Slot Statistics

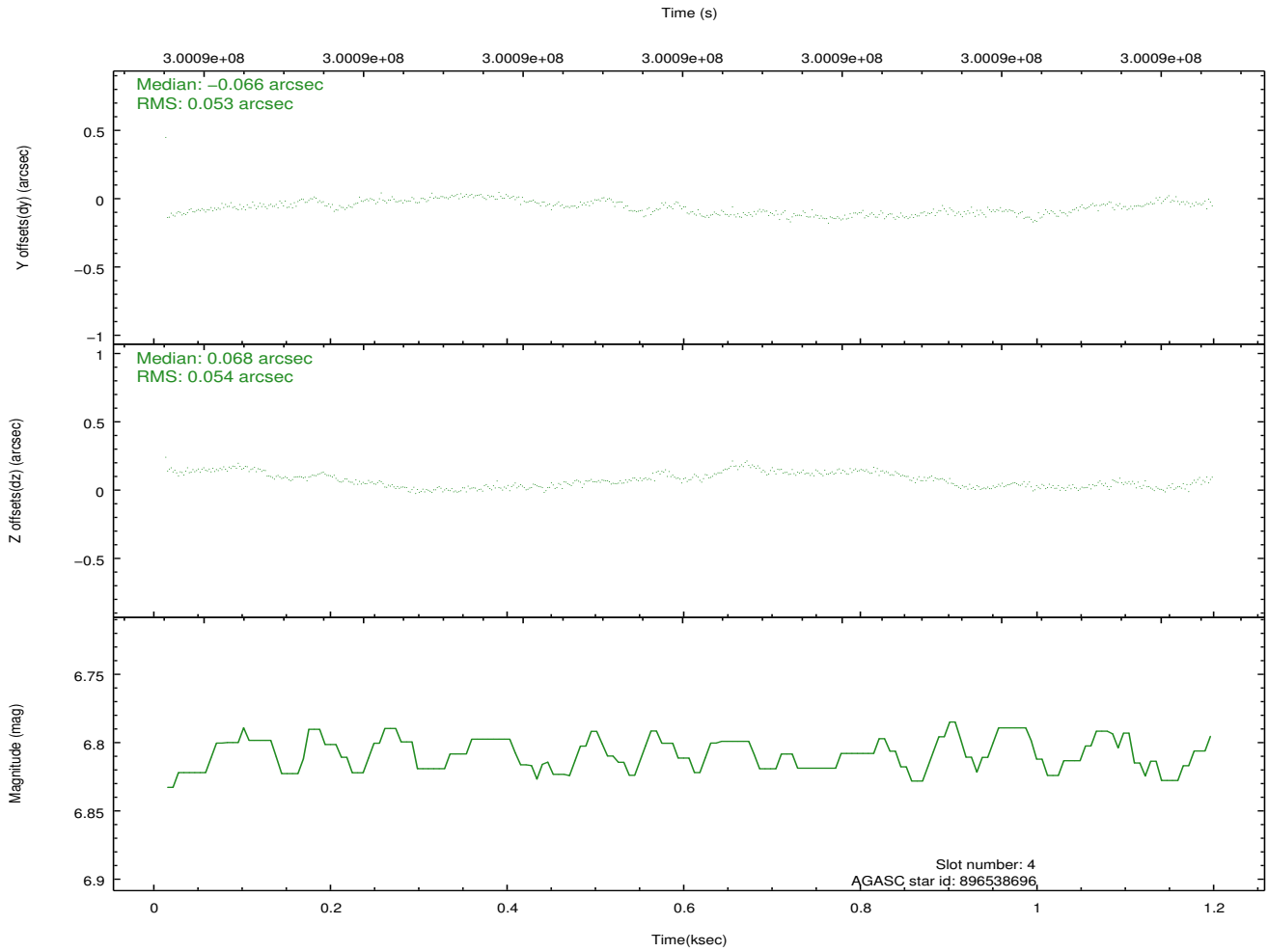
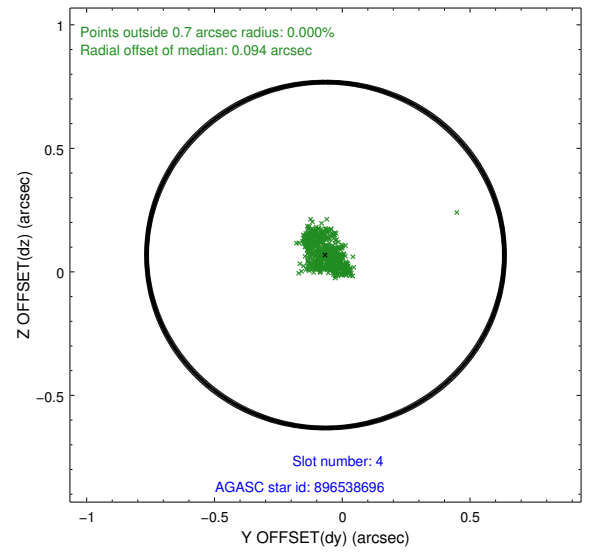
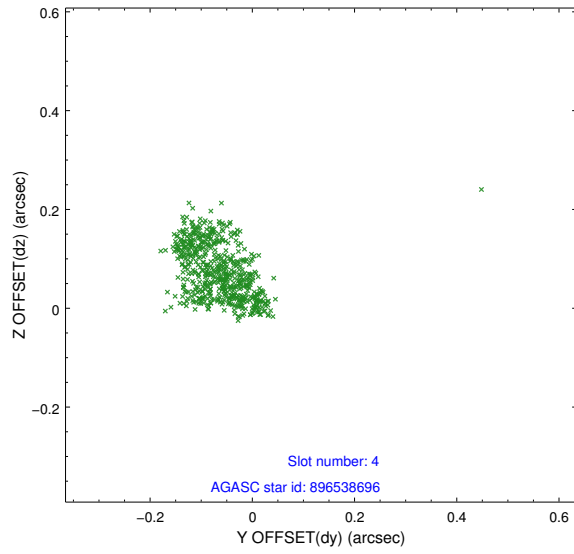
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	290	-0.041	-0.065	0.007	0.013	0.000000	0.000000	-766.31	-1735.19
1	FID	ACIS-S-4	7.19	290	0.181	0.037	0.006	0.013	0.000000	0.000000	2144.62	167.57
2	FID	ACIS-S-5	7.22	289	-0.171	0.037	0.007	0.016	0.000000	0.000000	-1812.06	167.63
3	GUIDE	896538208	7.97	579	-0.027	-0.053	0.049	0.081	267.176969	-28.671626	2069.35	711.21
4	GUIDE	896538696	6.81	579	-0.066	0.068	0.083	0.114	266.298470	-28.325572	172.13	-1667.40
5	GUIDE	896540888	7.87	579	-0.048	-0.037	0.056	0.093	267.212234	-28.246138	616.21	1204.64
6	GUIDE	896539744	8.33	578	0.096	-0.010	0.064	0.102	266.154264	-28.178023	-457.51	-1979.36
7	GUIDE	896537488	8.84	578	0.045	0.019	0.075	0.121	267.422655	-28.504114	1683.00	1612.39

2.4 Star Slots

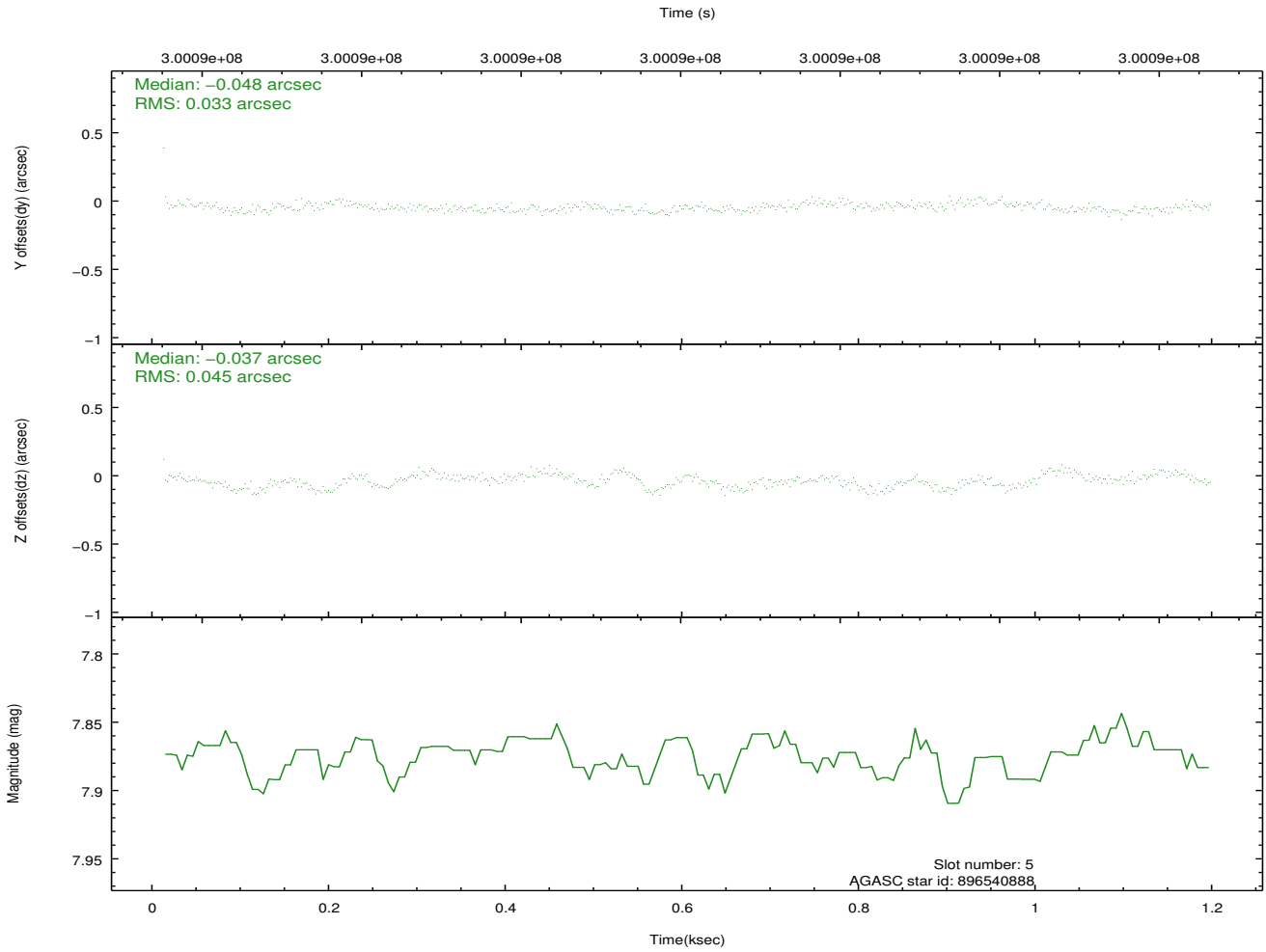
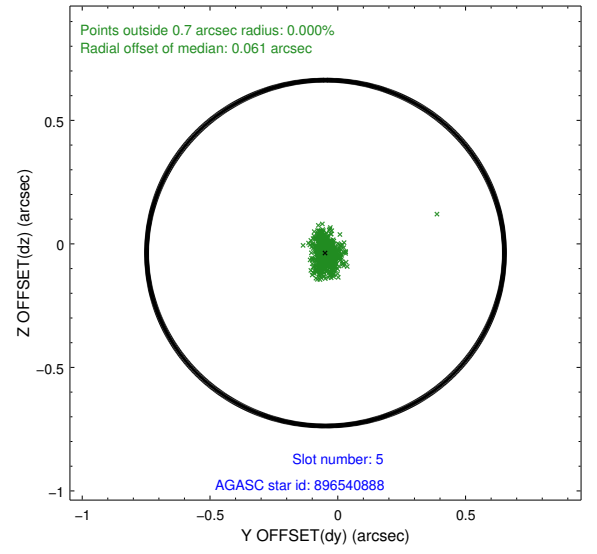
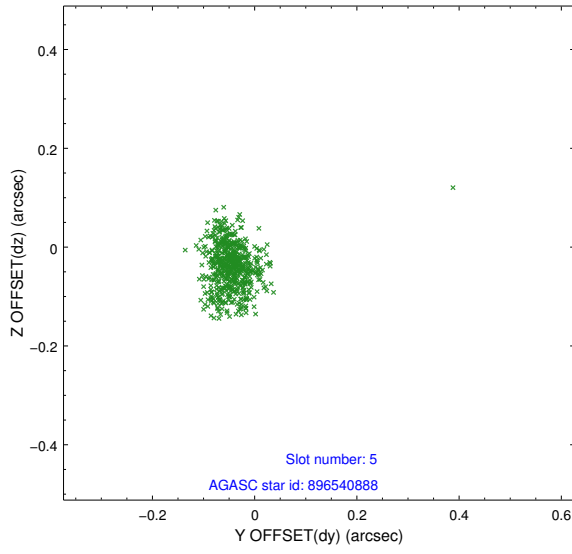
2.4.1 Slot 3



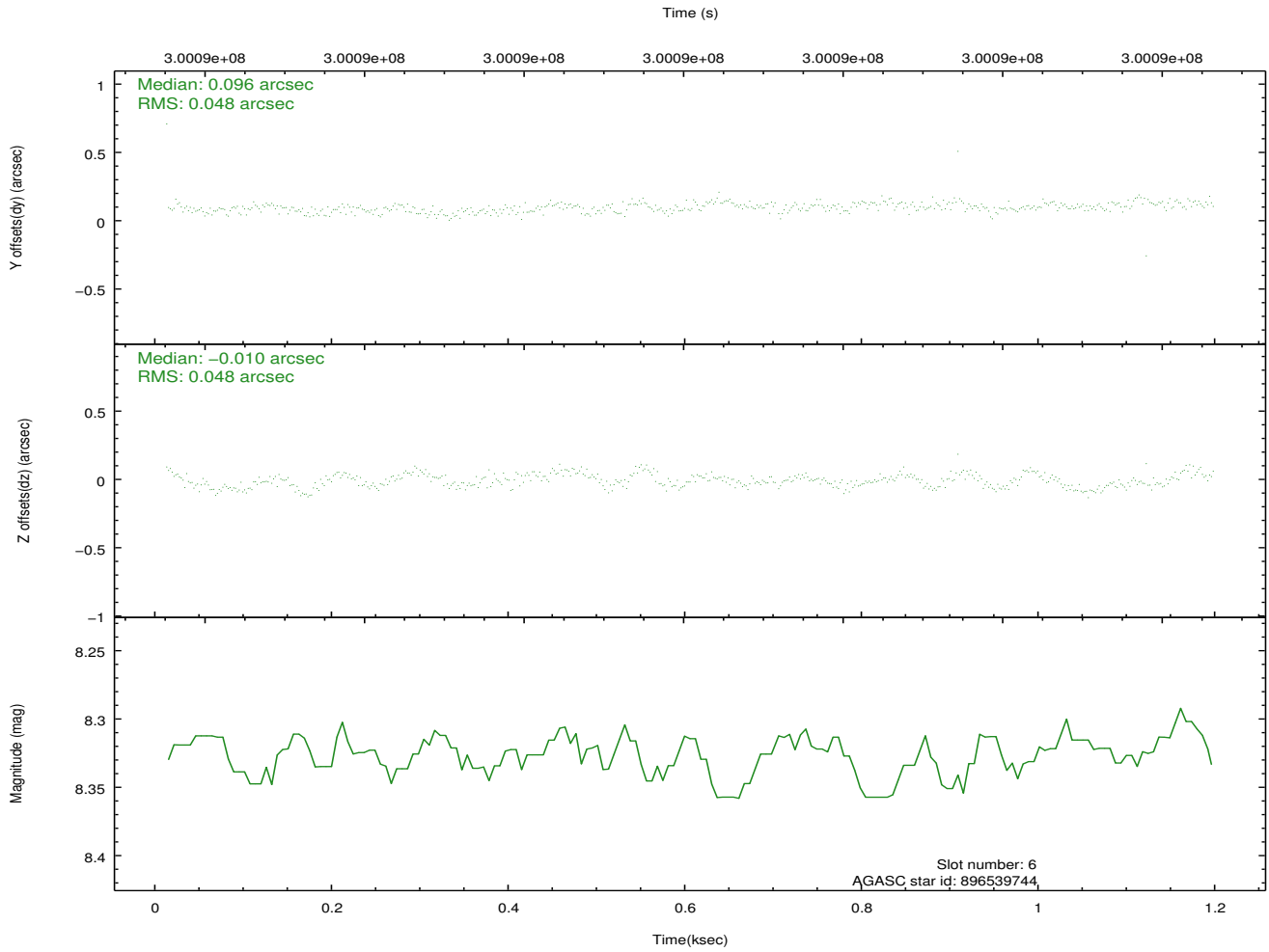
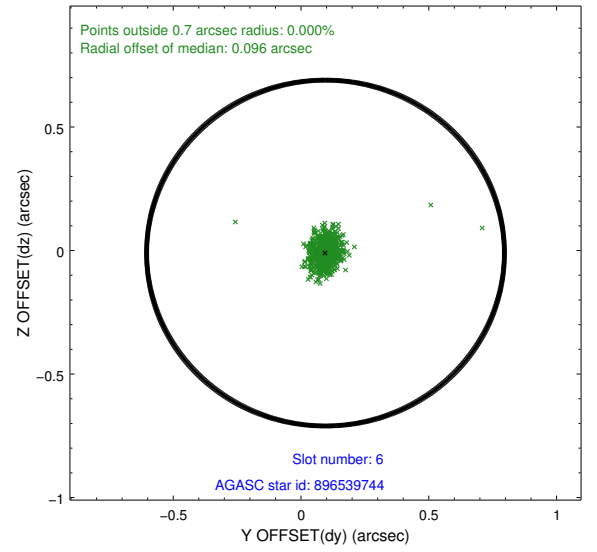
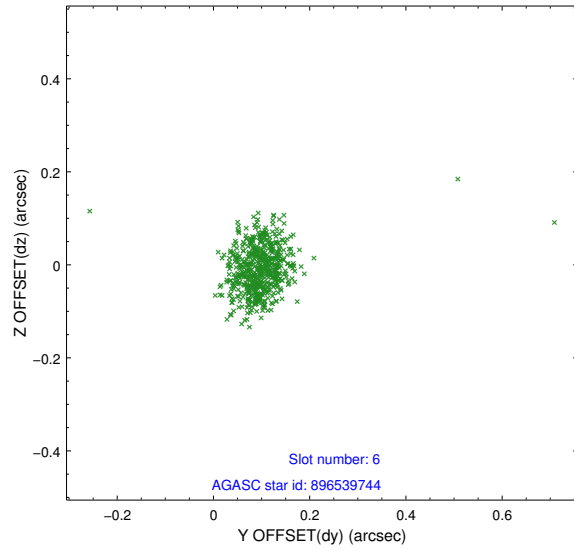
2.4.2 Slot 4



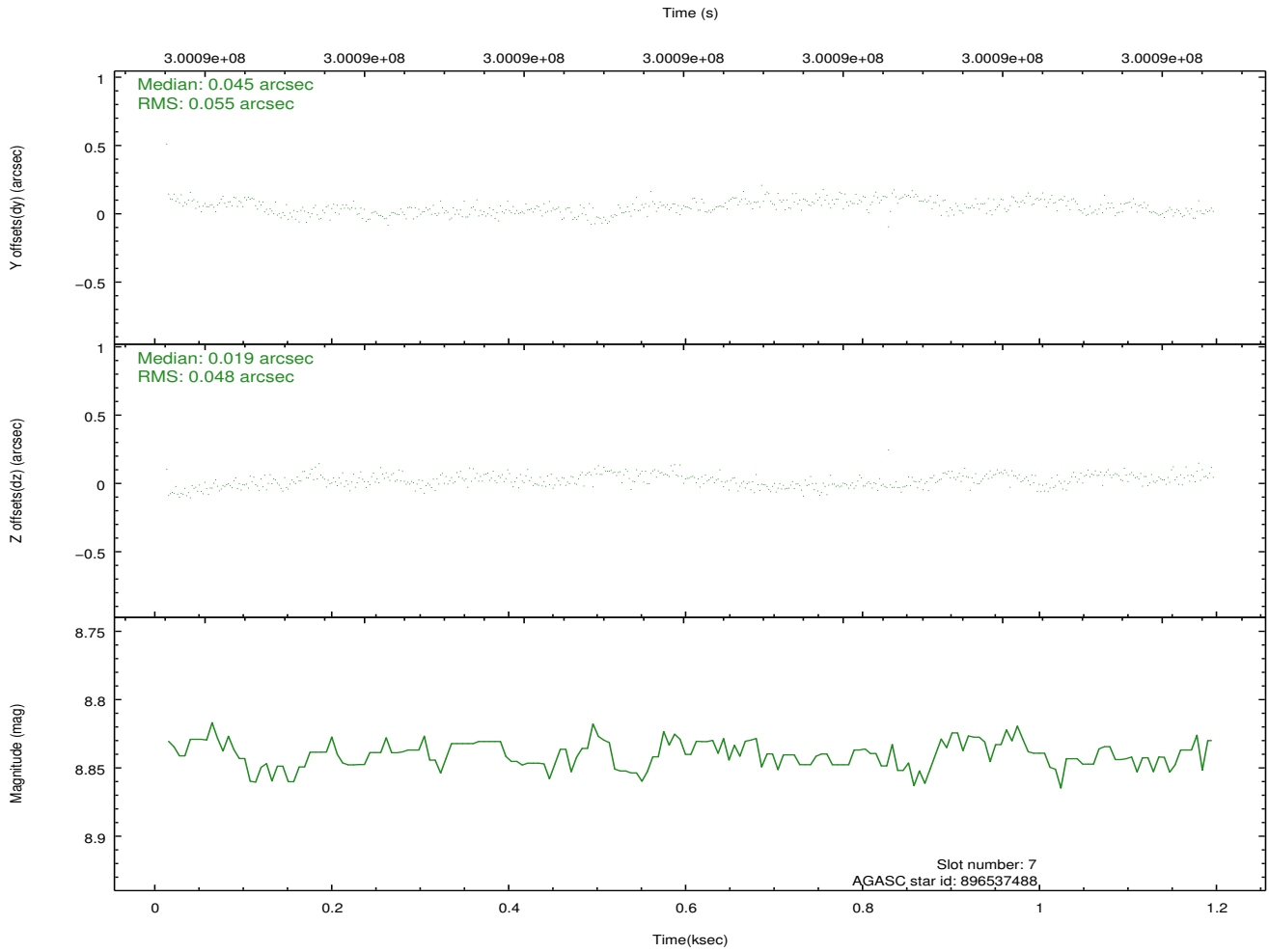
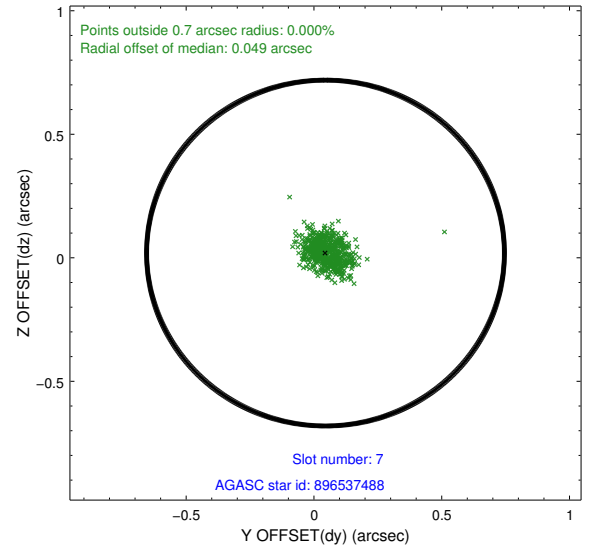
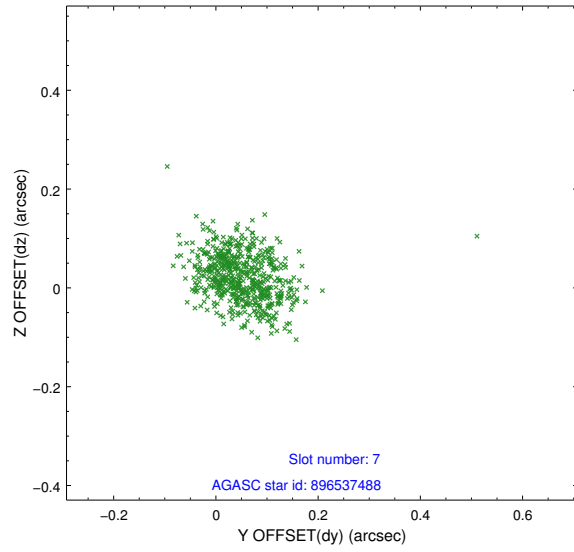
2.4.3 Slot 5



2.4.4 Slot 6

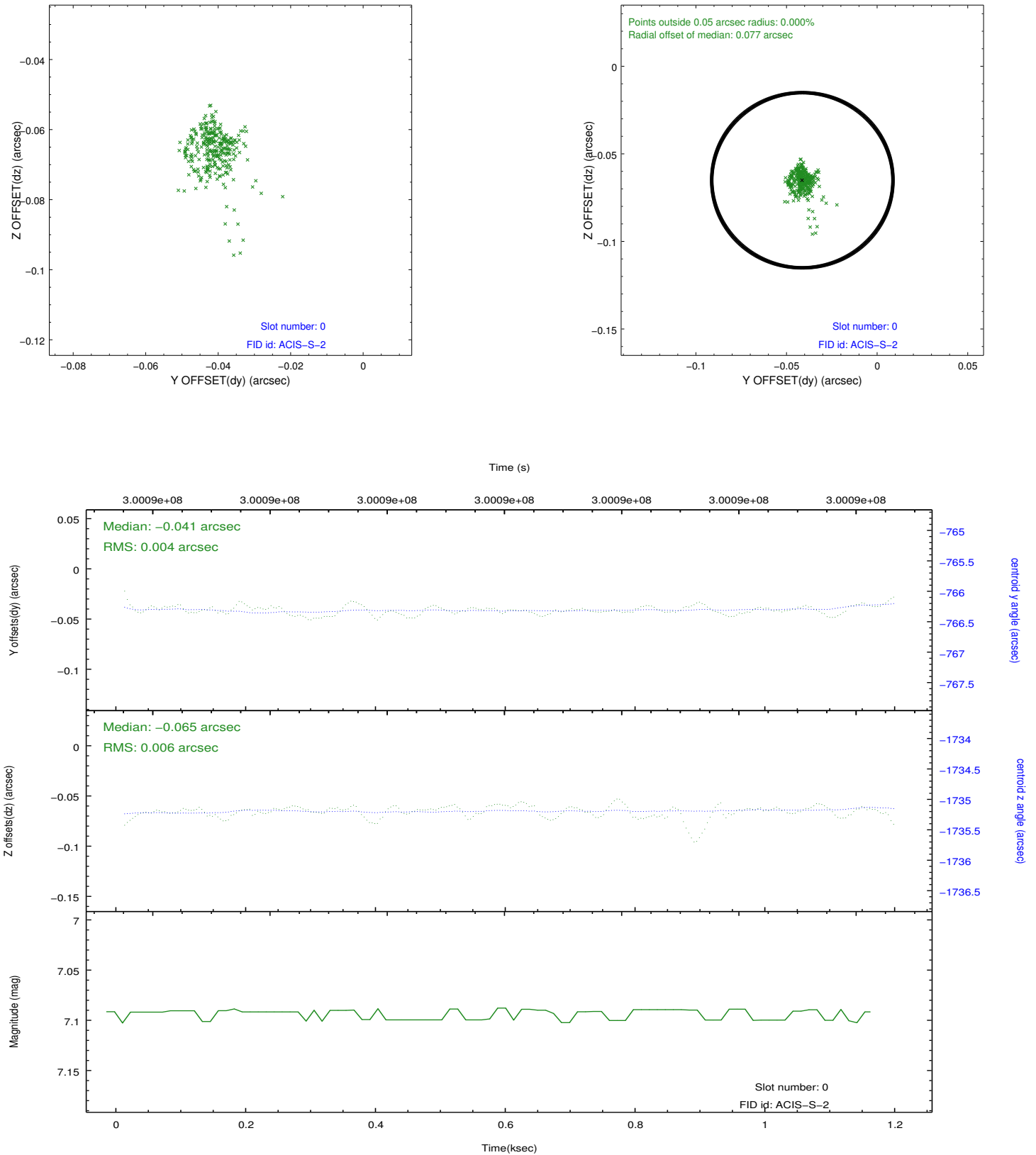


2.4.5 Slot 7

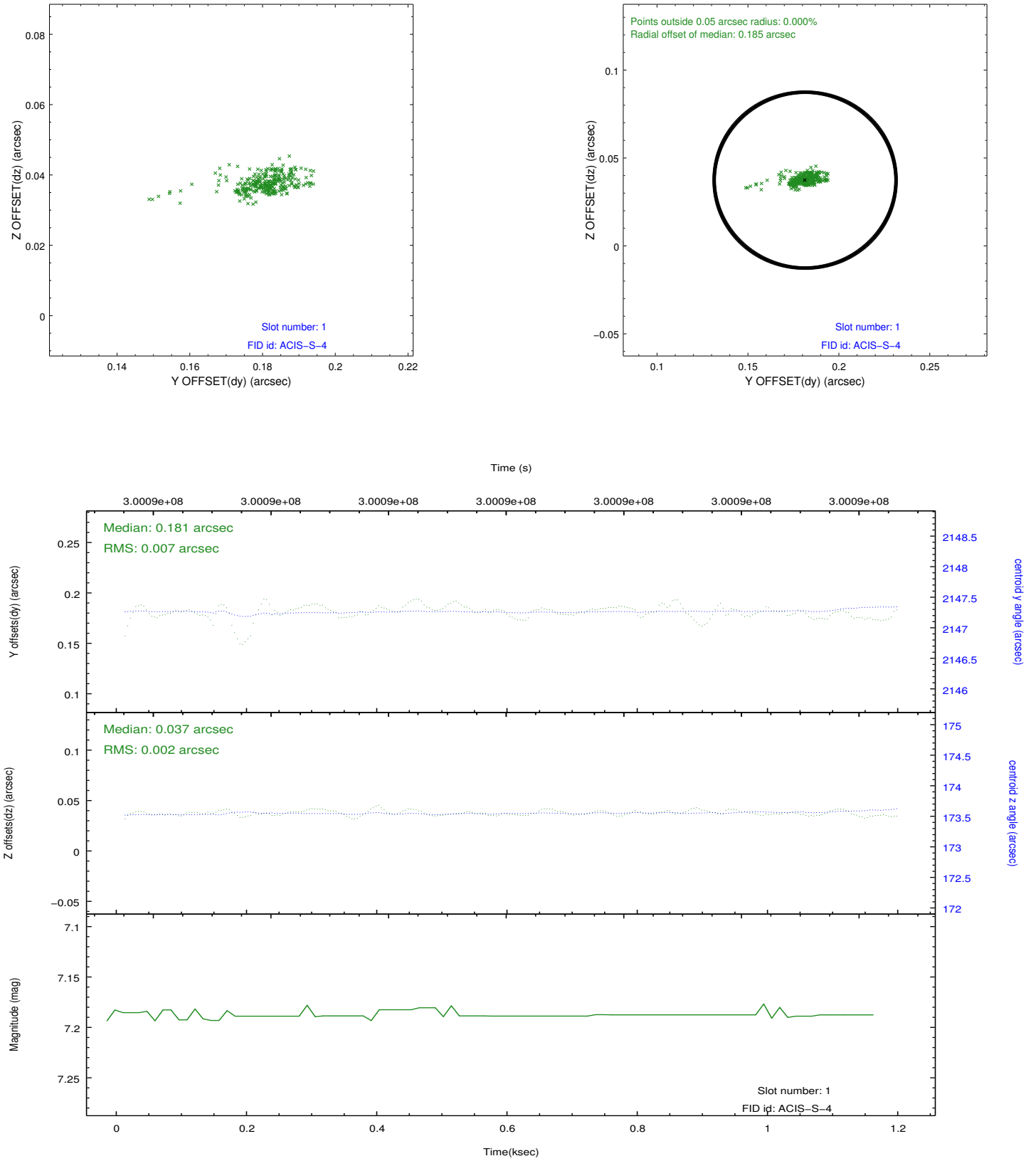


2.5 FID Slots

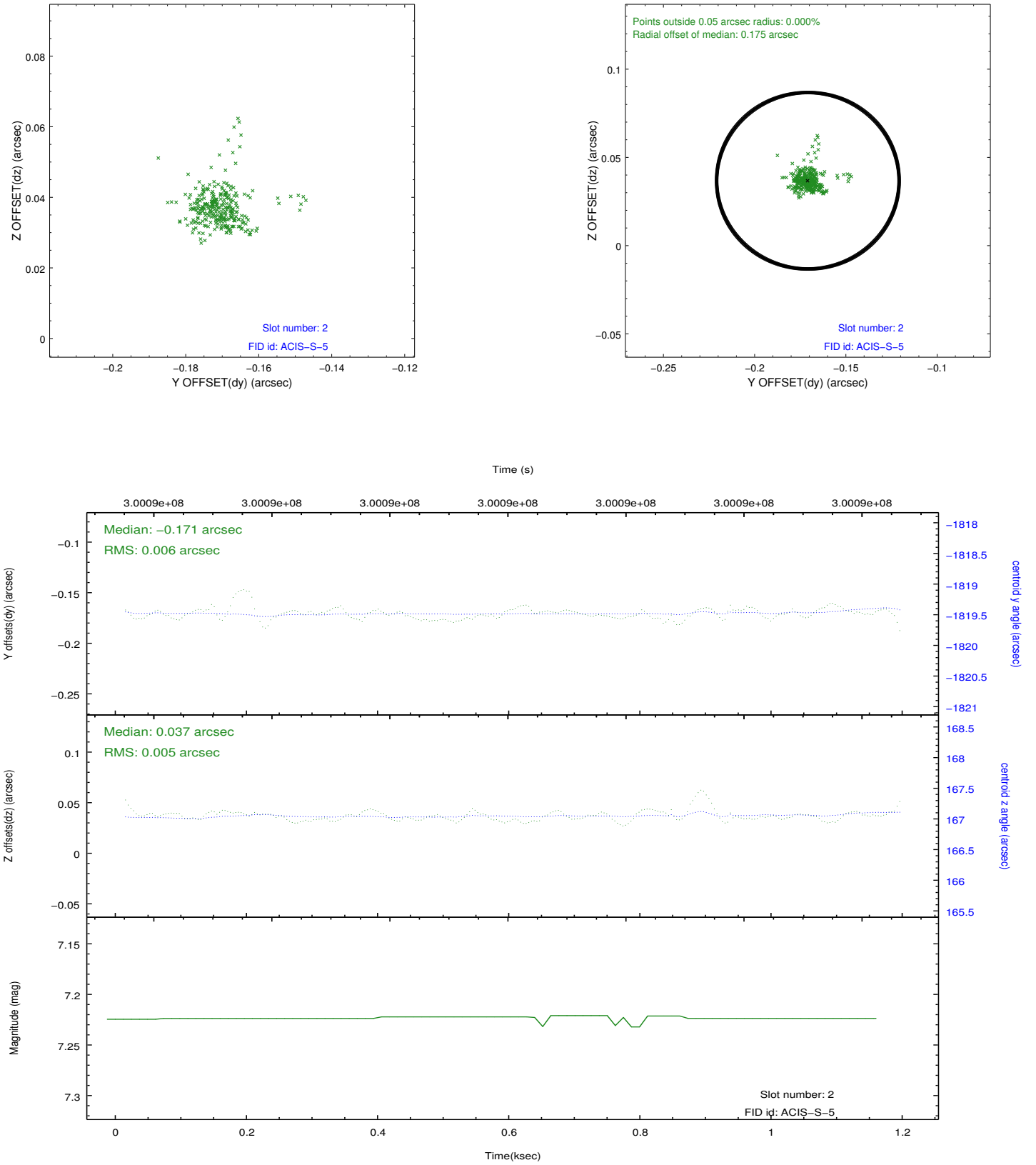
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.07719993

A.2 Comments