

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3492 - L2 Version 3
Chandra X-Ray Center

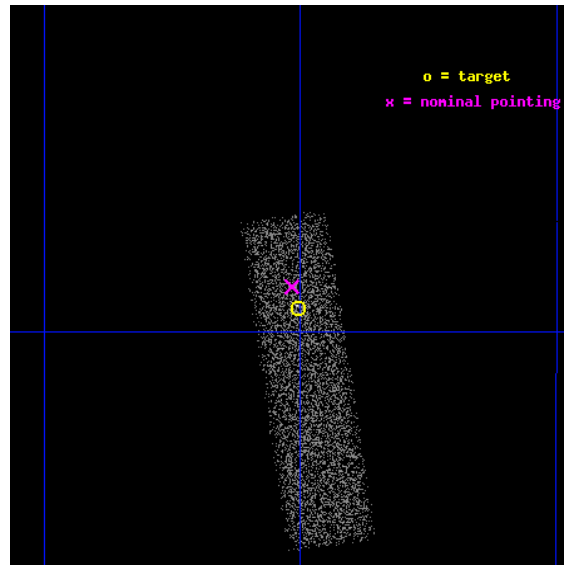
L2 Processing Date : Oct 5 2012

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1 Front

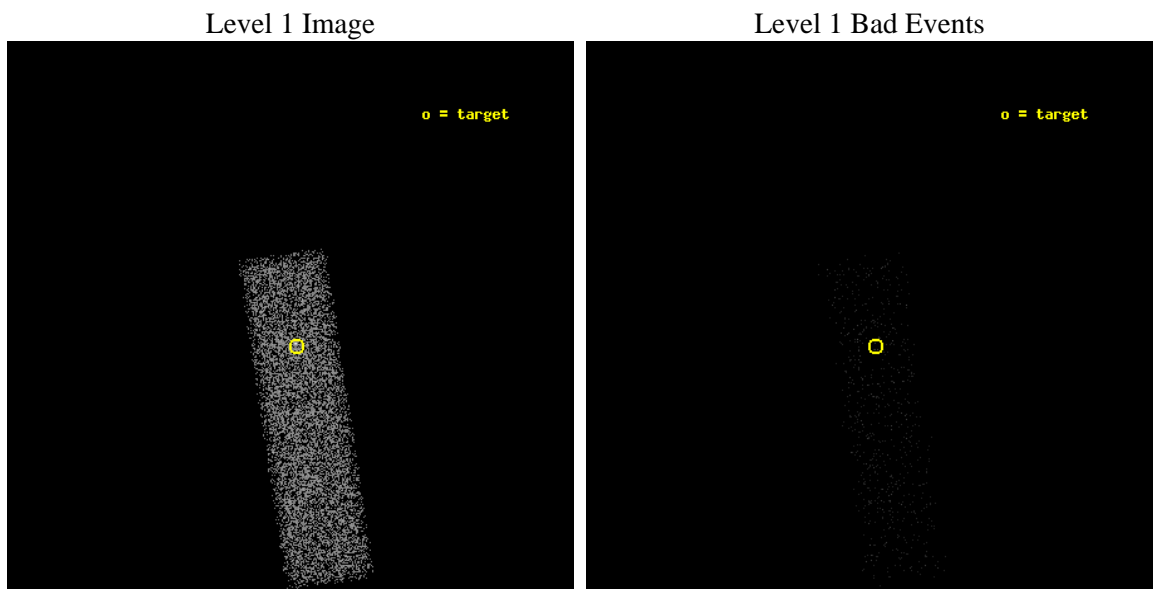
seq_num	400247	Sequence number
obs_id	3492	Observation id
title	A FAINT NEUTRON STAR SOFT X-RAY TRANSIENT RETURNING TO QUIESCENCE	
observer	dr Peter Jonker	Principal investigator
object	RX J170930.2-263927	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	257.375833	Observer's specified target RA [deg]
dec_targ	-26.656667	Observer's specified target Dec [deg]
ra_nom	257.37922433272	Nominal RA [deg]
dec_nom	-26.647517461811	Nominal Dec [deg]
roll_nom	81.441578634759	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5229.399971664	Sum of GTIs [s]
livetime	5133.6343562189	Livetime [s]
ontime7	5229.399971664	Sum of GTIs [s]
l2events	7322	Number of level 2 events



2 OBI

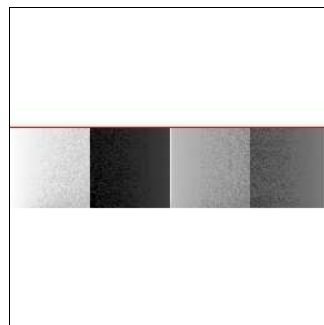
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5229.399971664	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5229.399971664	Sum of GTIs [s]
date	2012-10-05T16:31:31	Date and time of file creation	l1events	12524	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

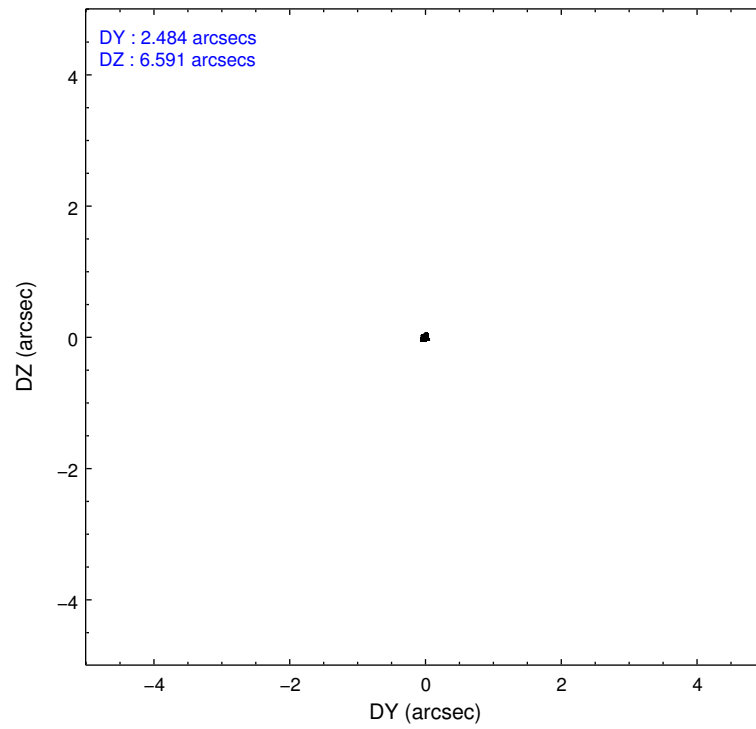
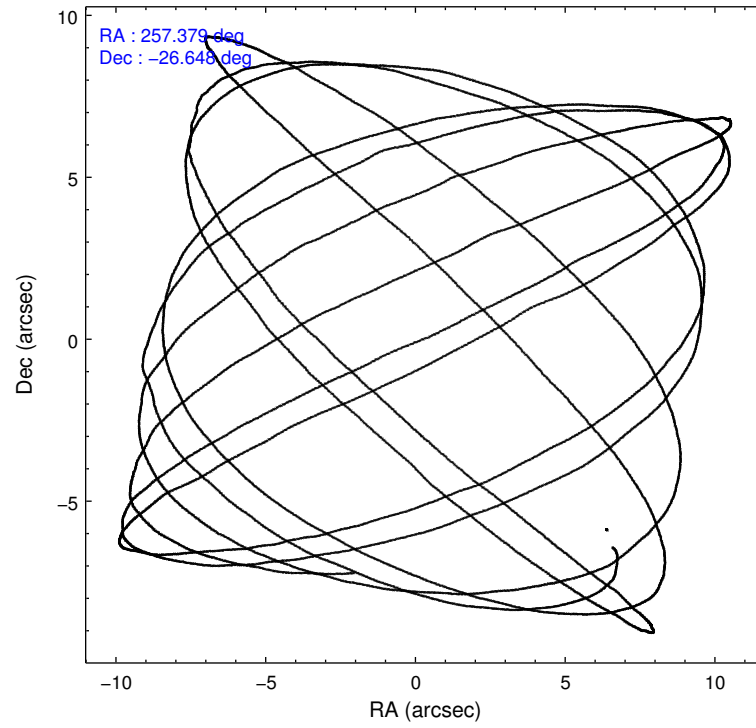
	ccd 7
level 1 events	12524
rejected events	5044
rejected %	40%

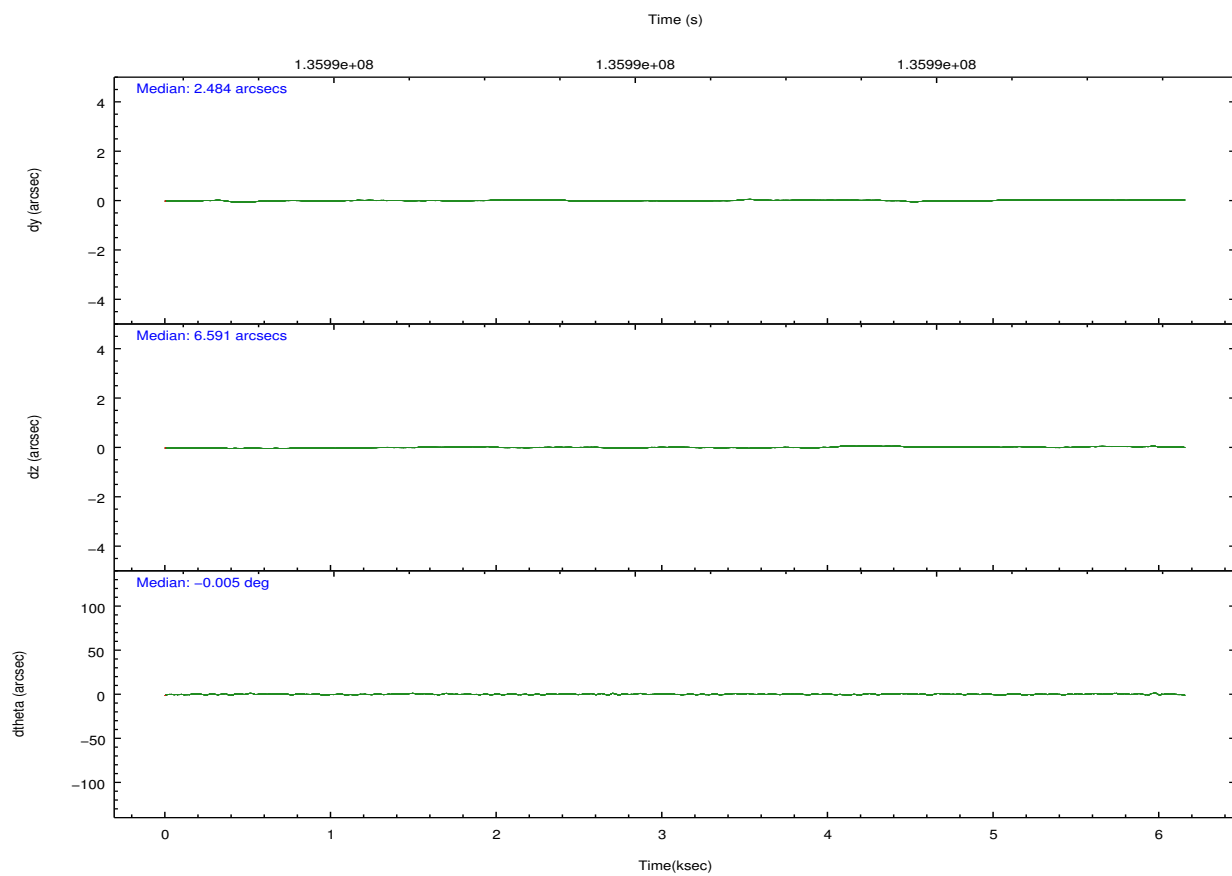
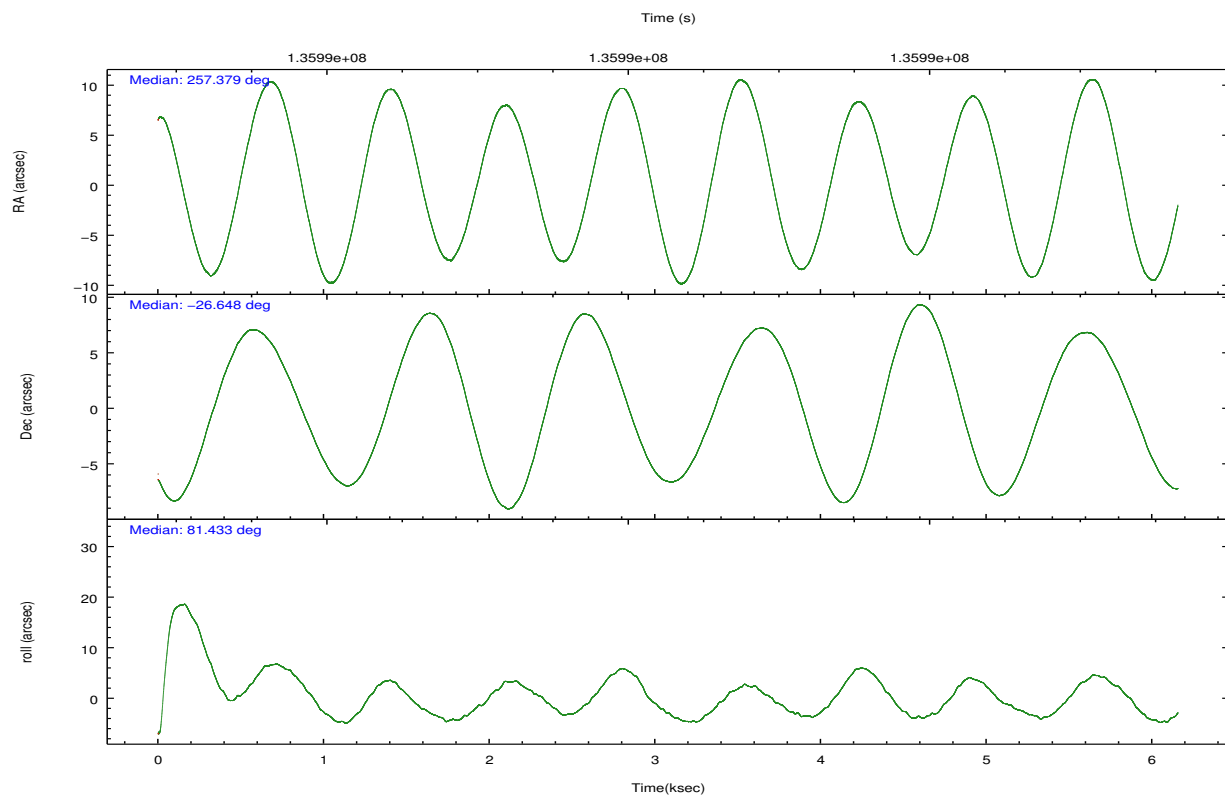
	ccd 7
grade 0 events	967
	7%
grade 1 events	19
	0%
grade 2 events	1573
	12%
grade 3 events	695
	5%
grade 4 events	728
	5%
grade 5 events	1097
	8%
grade 6 events	3521
	28%
grade 7 events	3924
	31%

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	257.390816	257.3792243327188	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-26.672715	-26.64751746181075	Subarray start row	385	385
[deg] Pointing Roll	81.290204	81.44157863475873	Subarray row count	256	256
[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	2.2
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	135986344.184000	135984904.26865			
Observation start date	2002-04-23T21:58:00	2002-04-23T21:35:04			
[s] Observation end time (MET)	135991344.184000	135992330.90645			
Observation end date	2002-04-23T23:21:20	2002-04-23T23:38:50			
Read mode	TIMED	TIMED			

2.3 Aspect



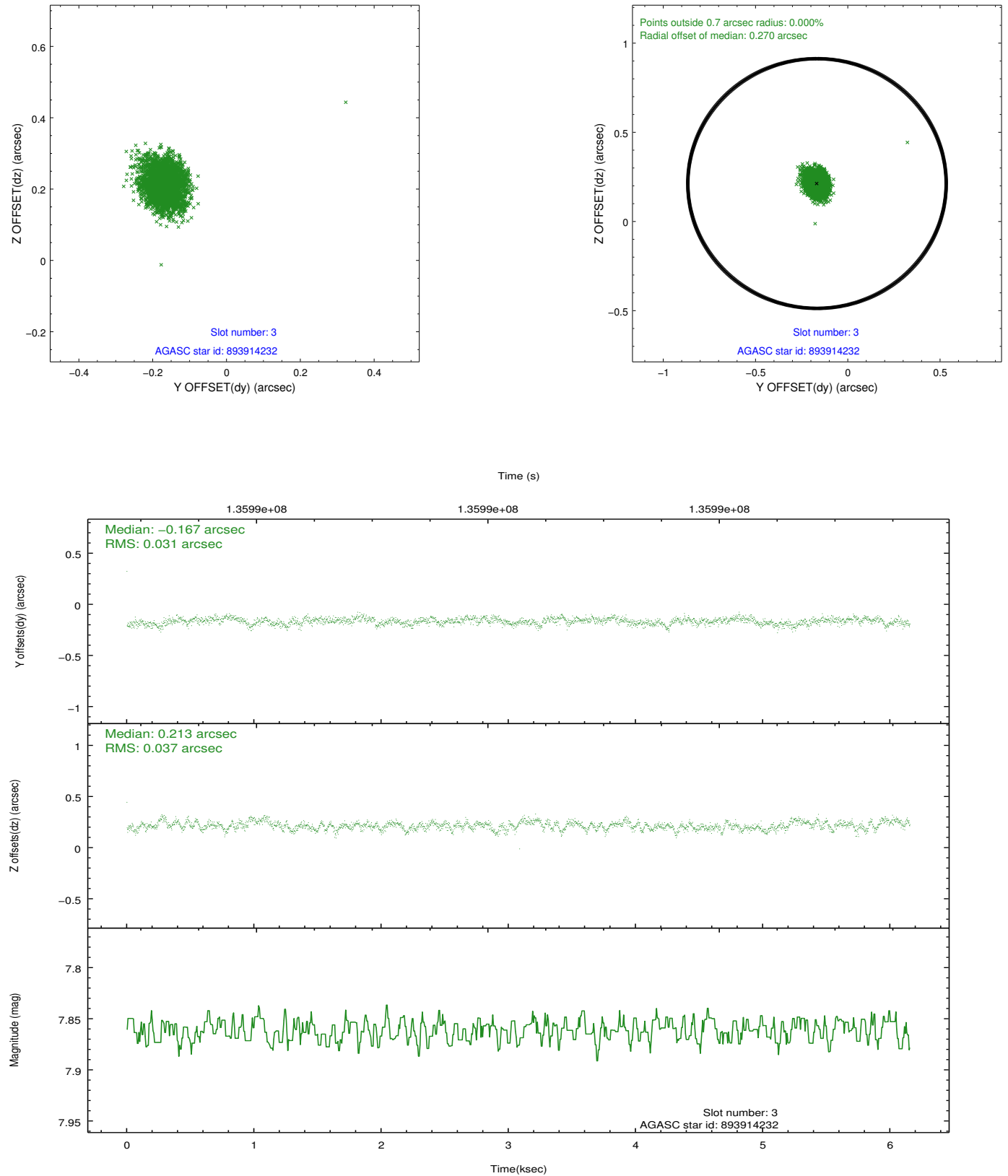


Slot Statistics

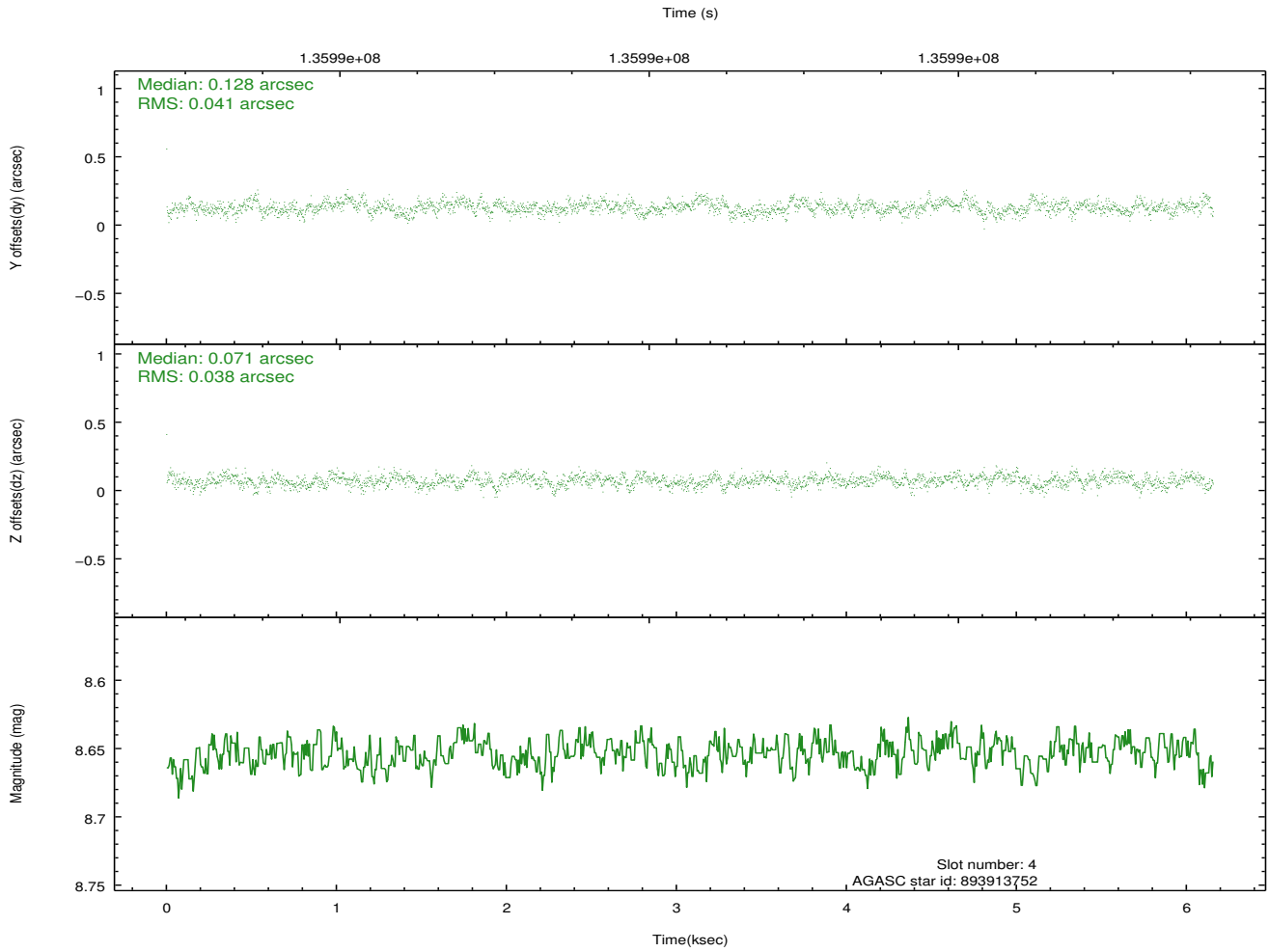
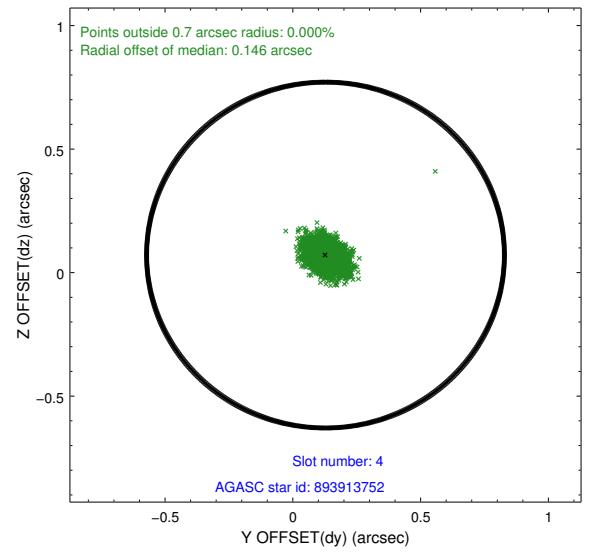
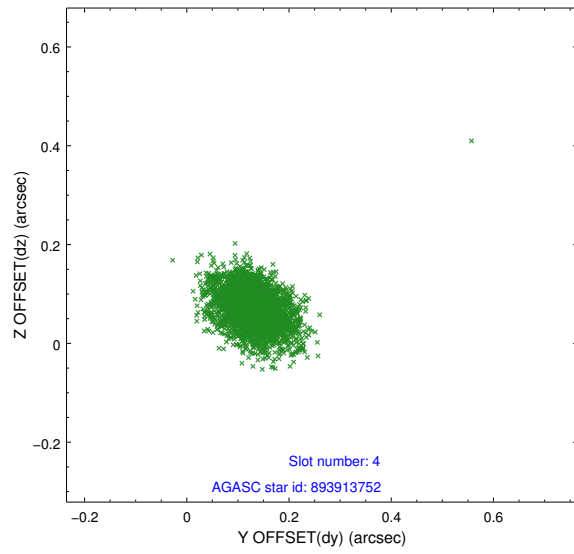
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1502	-0.025	0.017	0.007	0.012	0.000000	0.000000	-755.11	-1727.74
1	FID	ACIS-S-4	7.20	1502	-0.042	0.008	0.006	0.011	0.000000	0.000000	2157.69	179.78
2	FID	ACIS-S-5	7.24	1501	0.036	-0.015	0.007	0.012	0.000000	0.000000	-1806.68	174.47
3	GUIDE	893914232	7.86	3002	-0.167	0.213	0.051	0.083	257.948003	-26.439334	1100.44	-1648.76
4	GUIDE	893913752	8.65	3003	0.128	0.071	0.058	0.097	257.717246	-26.451689	946.91	-920.45
5	GUIDE	893837592	9.31	3004	-0.093	-0.202	0.080	0.129	256.924631	-26.316123	1040.17	1680.23
6	GUIDE	893835576	8.93	3002	-0.063	-0.006	0.070	0.120	257.152526	-26.836742	-698.37	667.15
7	GUIDE	893802864	9.22	3001	0.198	-0.077	0.068	0.112	257.166026	-26.651875	-34.40	725.90

2.4 Star Slots

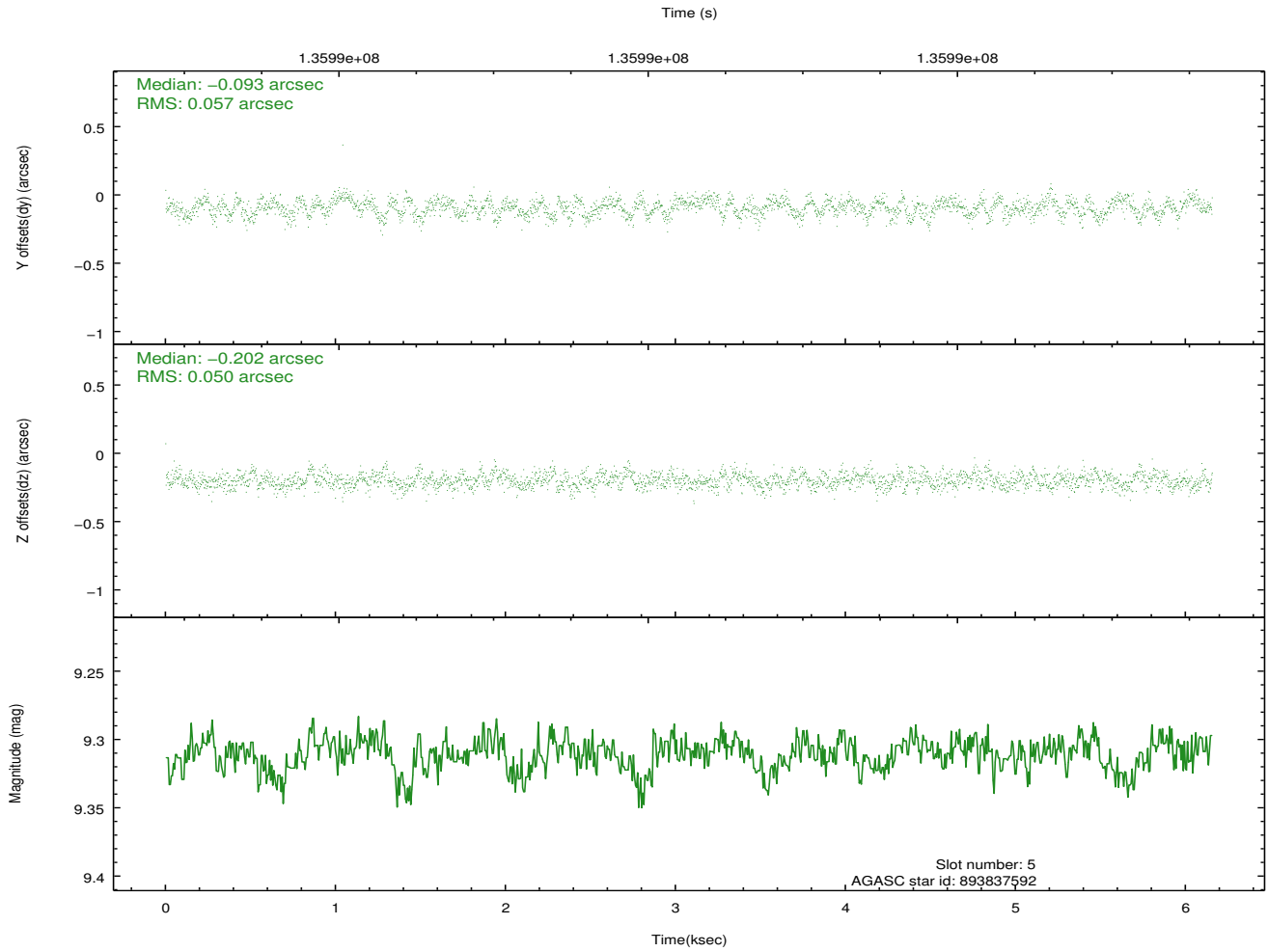
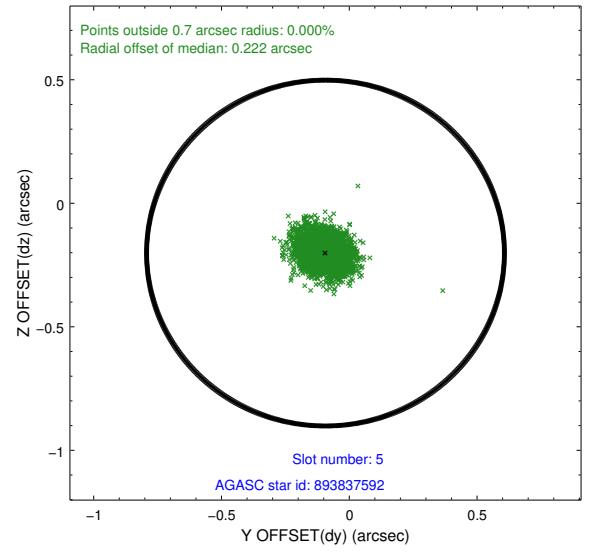
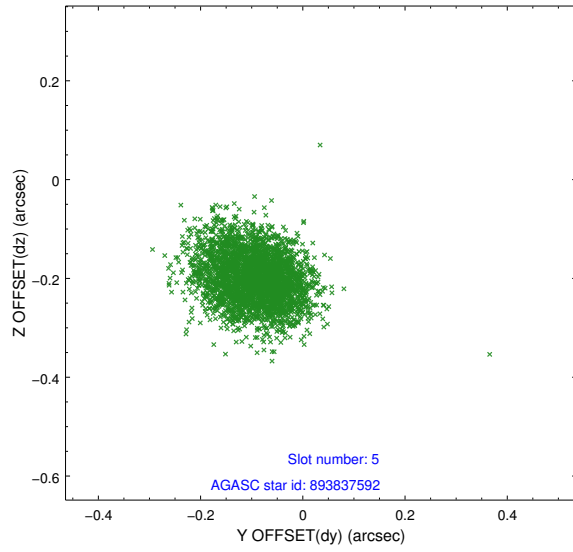
2.4.1 Slot 3



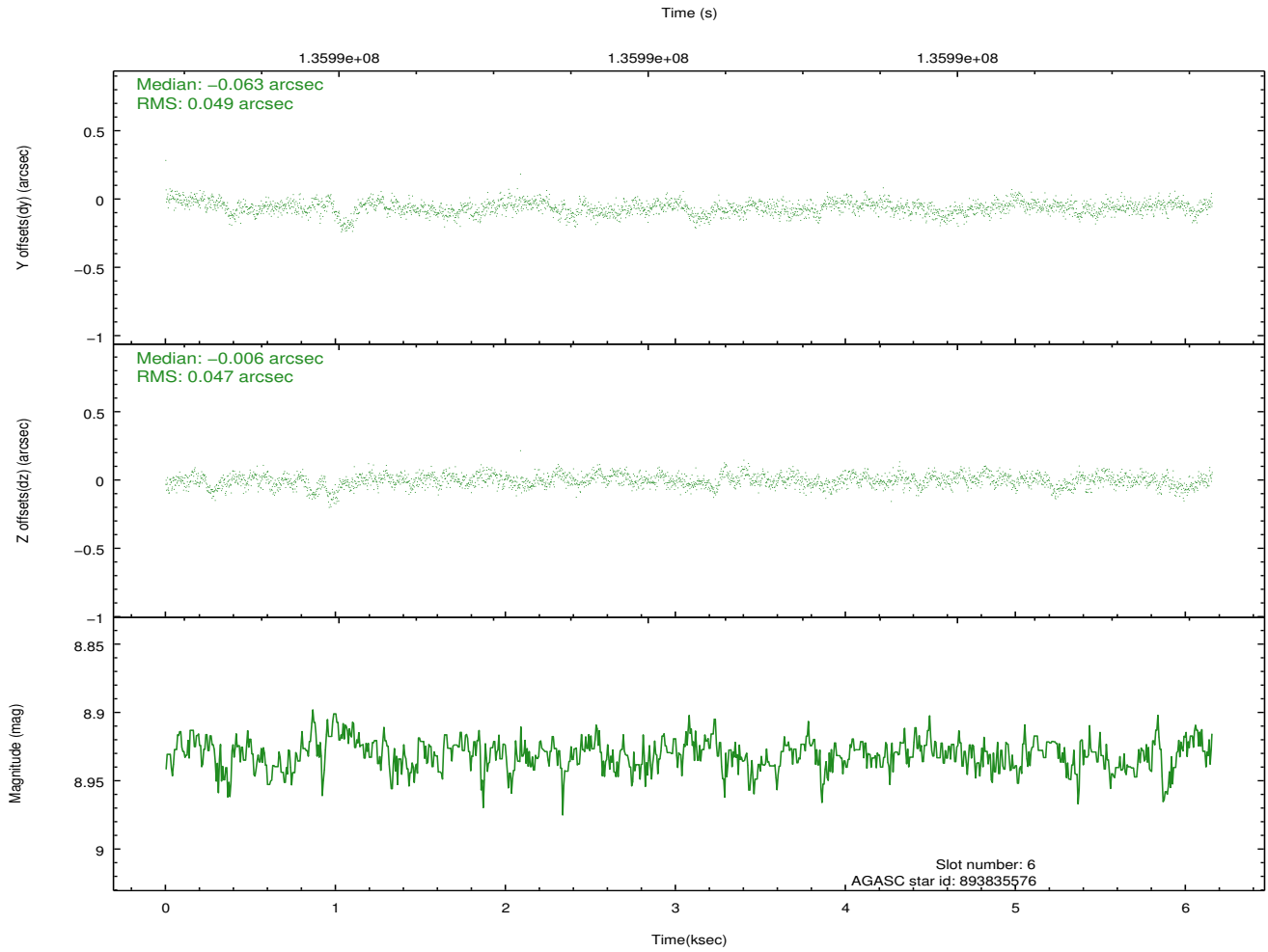
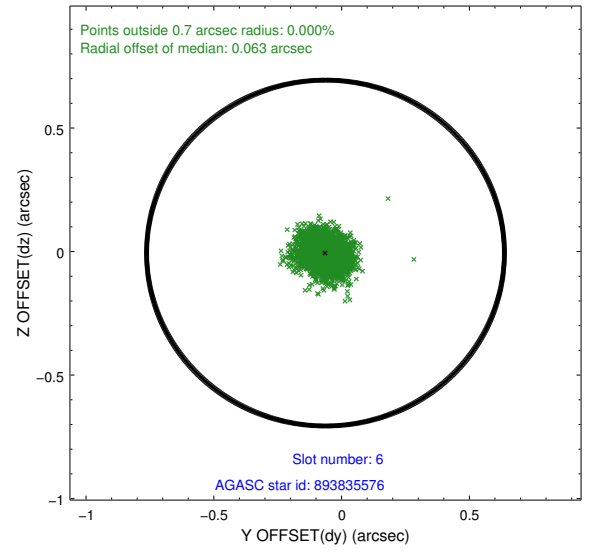
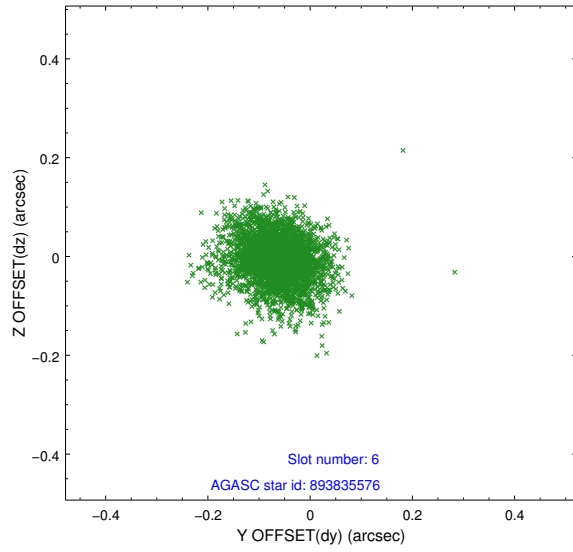
2.4.2 Slot 4



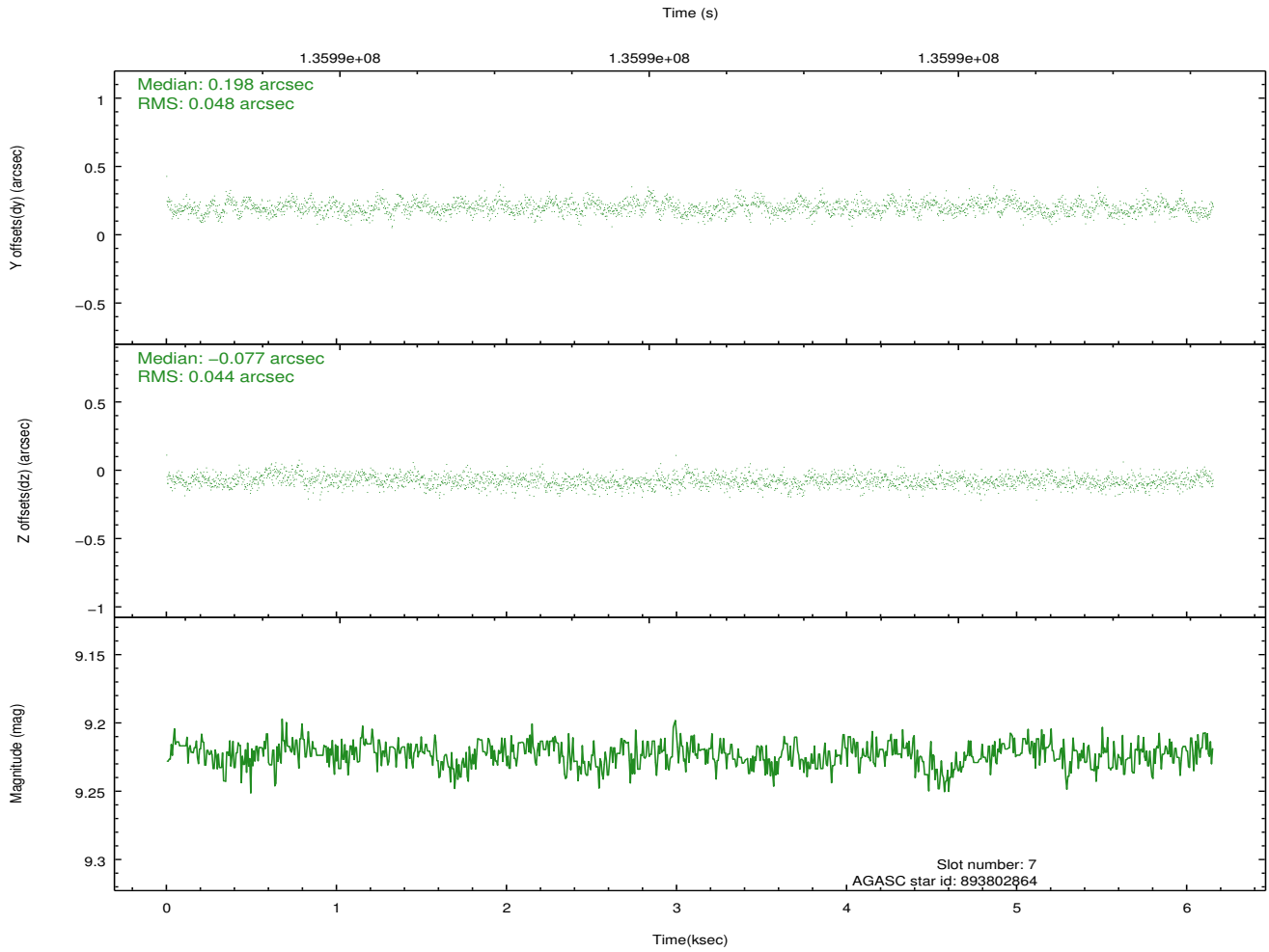
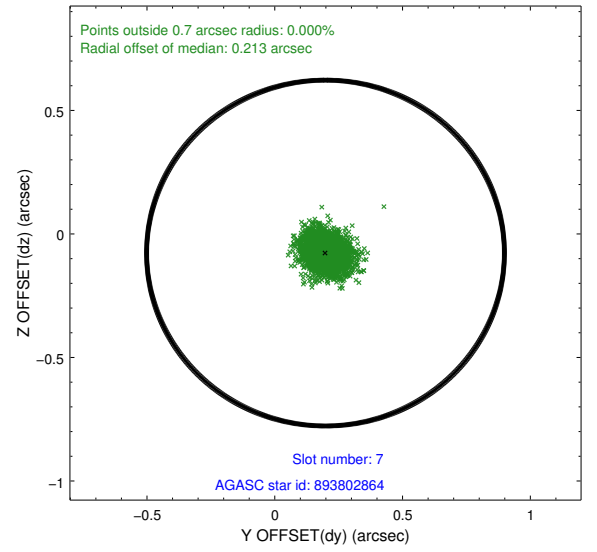
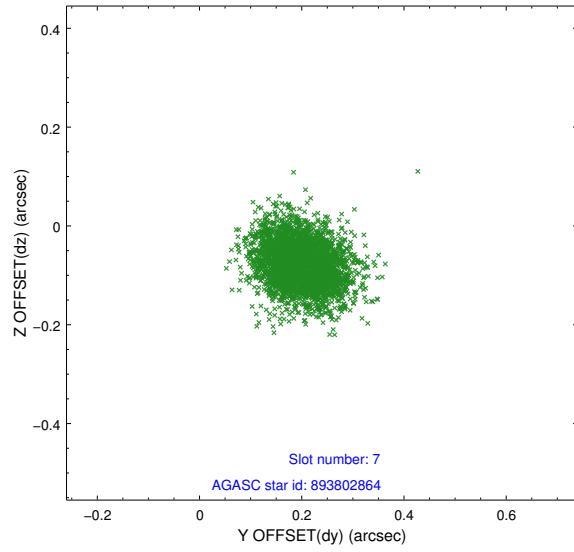
2.4.3 Slot 5



2.4.4 Slot 6

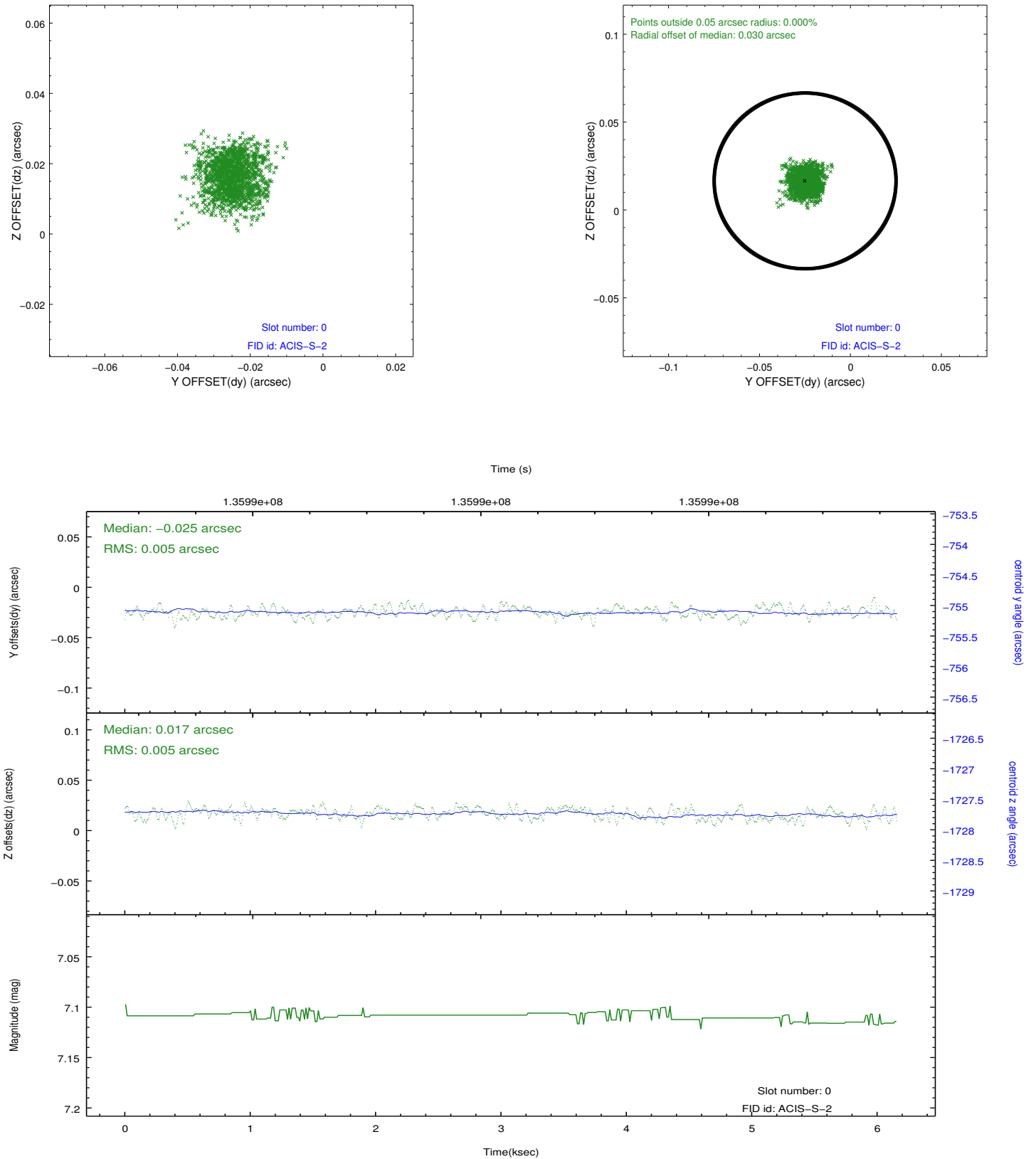


2.4.5 Slot 7

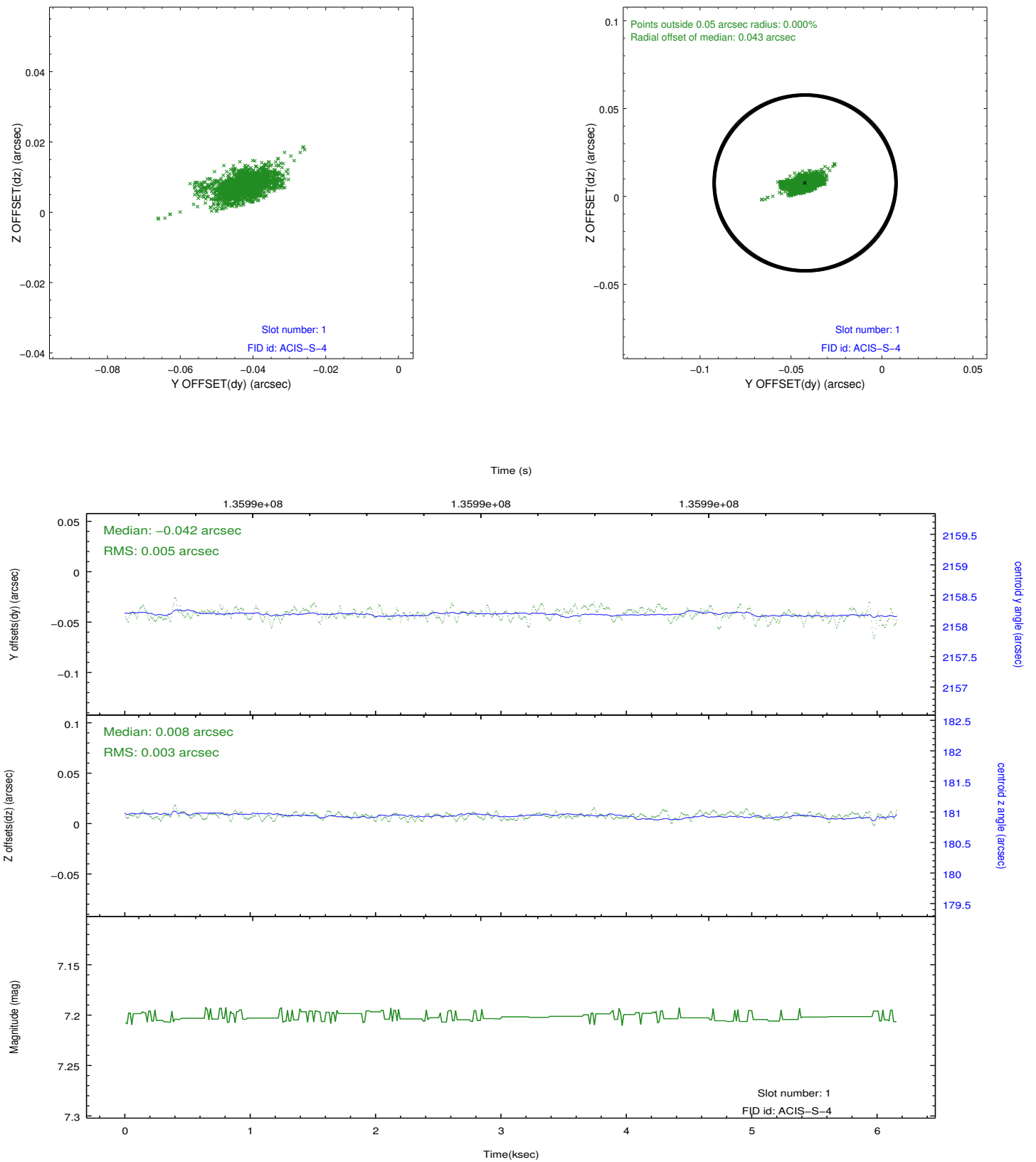


2.5 FID Slots

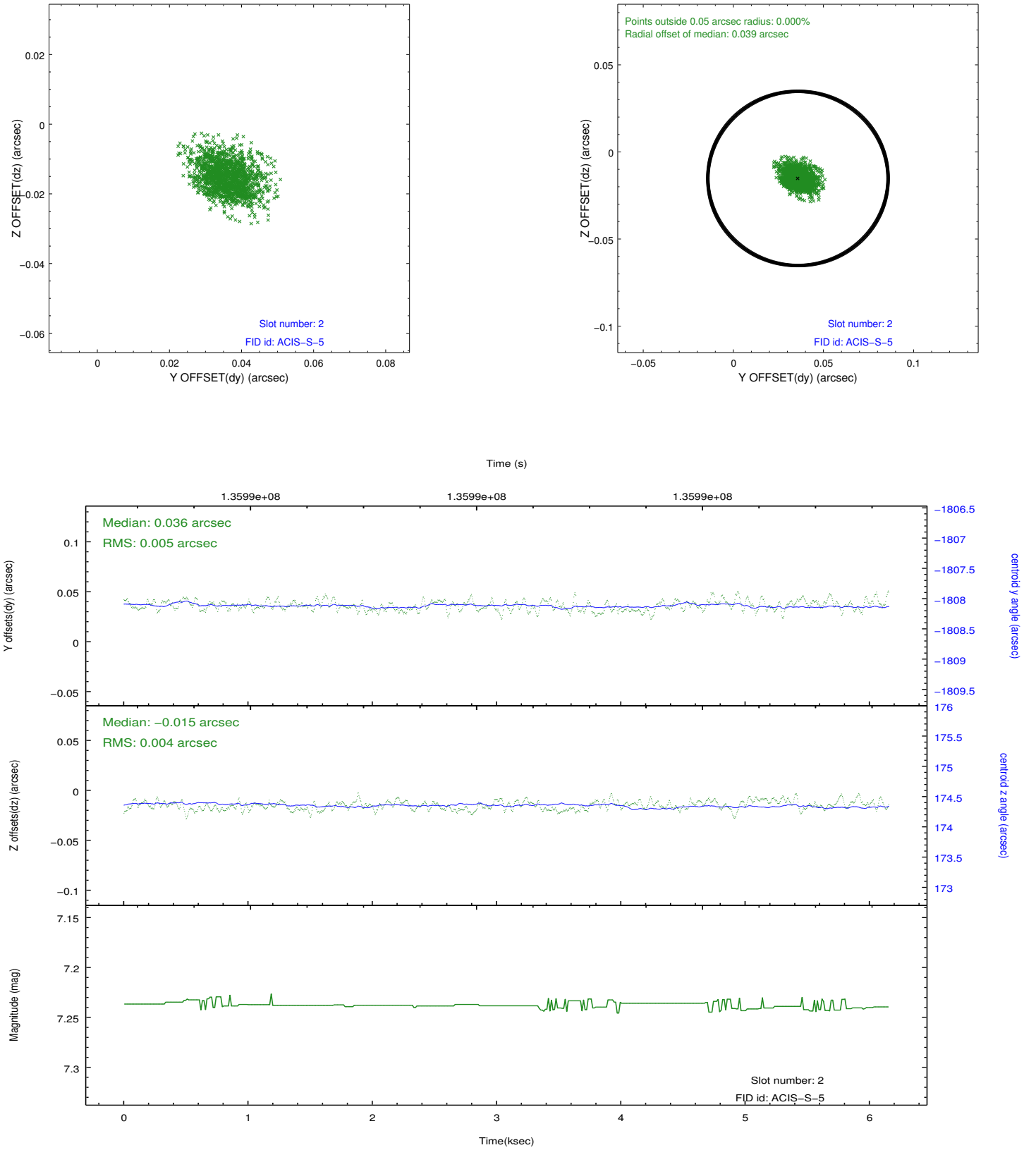
2.5.1 Slot 0



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)	2012.10.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.231

A.2 Comments