

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6516 - L2 Version 3
Chandra X-Ray Center

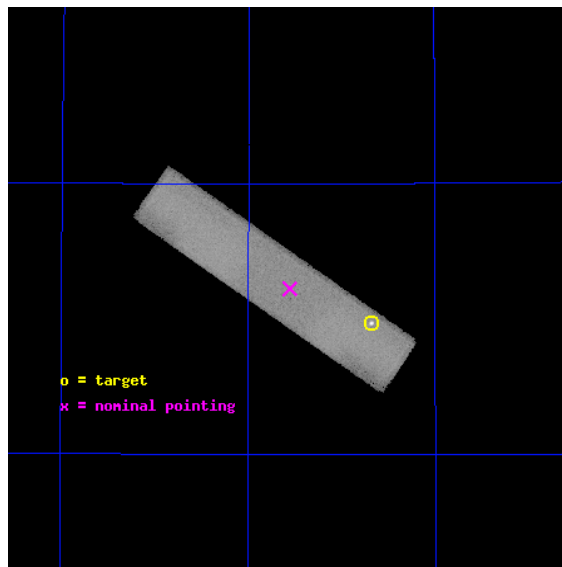
L2 Processing Date : Aug 11 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

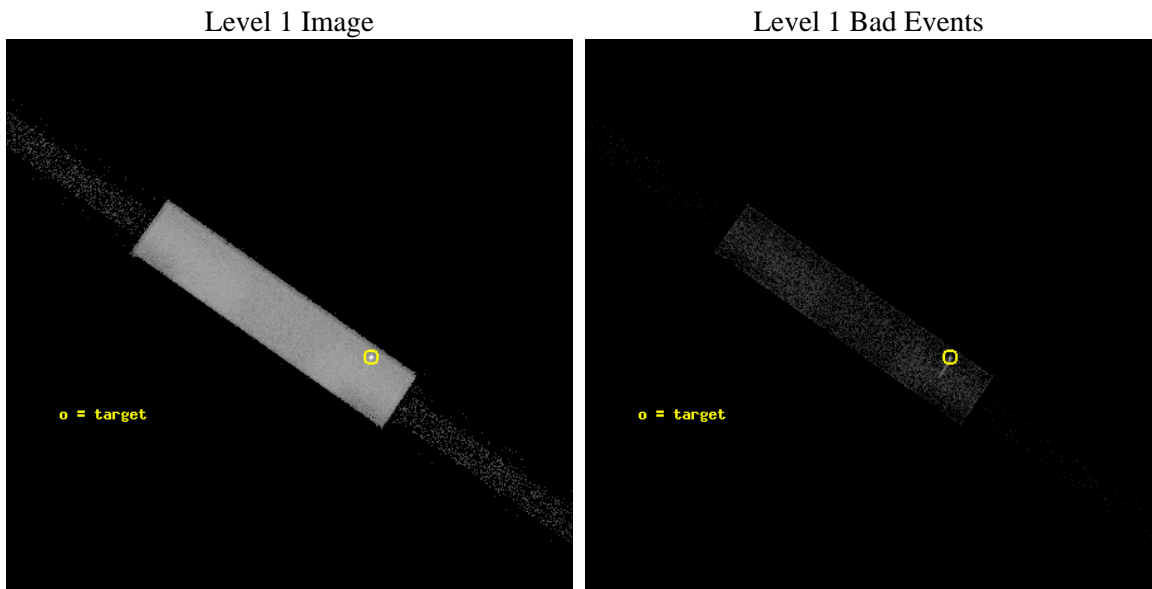
seq_num	290609	Sequence number
obs_id	6516	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.38864940252	Nominal RA [deg]
dec_nom	45.806208912013	Nominal Dec [deg]
roll_nom	214.72679184384	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1149.2813040614	[s]
livetime	850.84361397565	Ontime multiplied by DTCOR
l2events	193275	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1149.2813040614	[s]
caldsver	4.5.1.1	 	l1events	254543	Number of level 1 events
date	2012-08-11T15:02:33	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

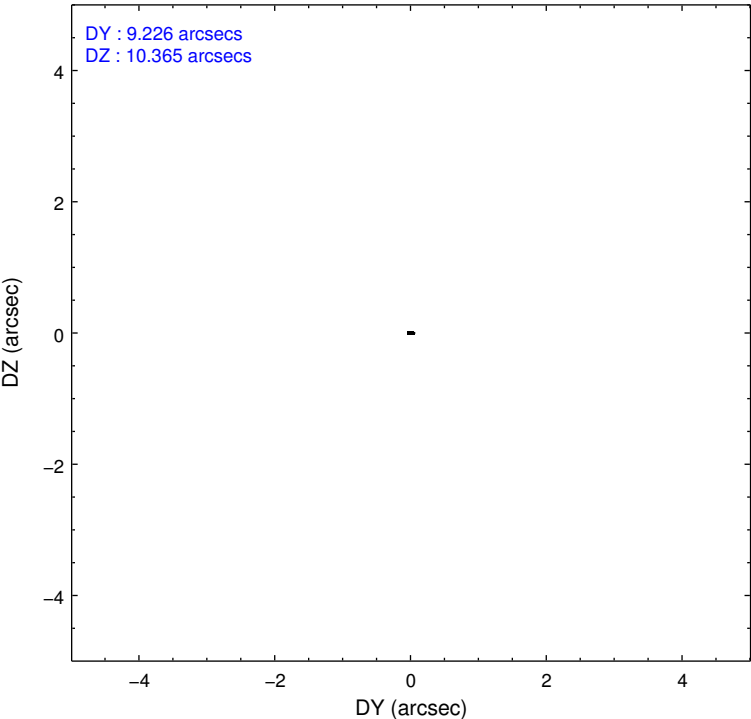
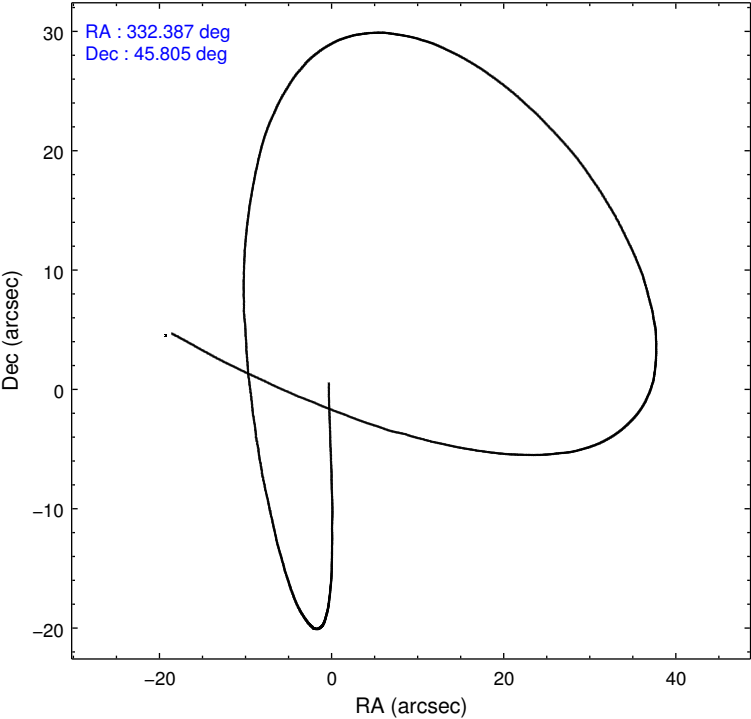
	segment 1	segment 2	segment 3
level 1 events	1750	251229	1564
rejected events	1750	46072	1564
rejected %	100%	18%	100%

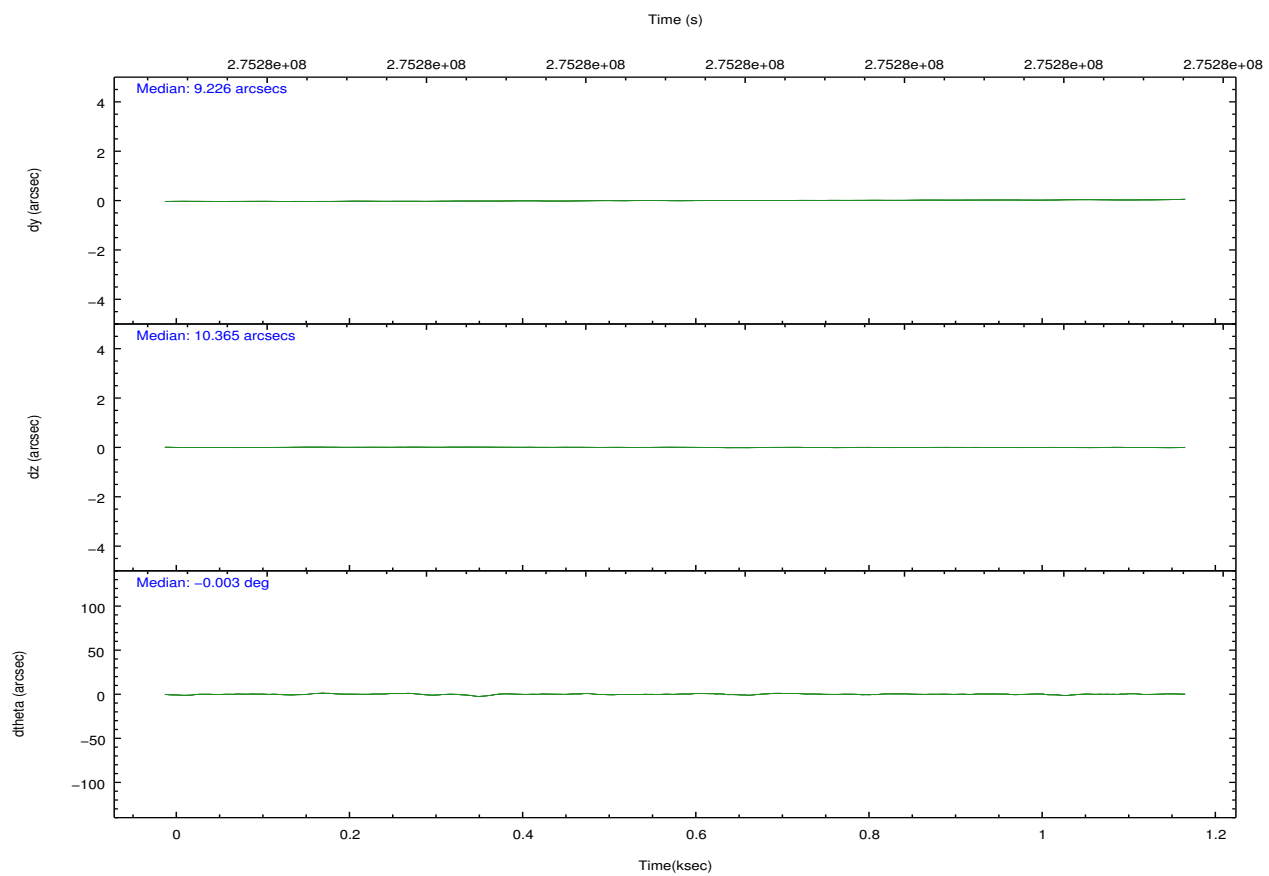
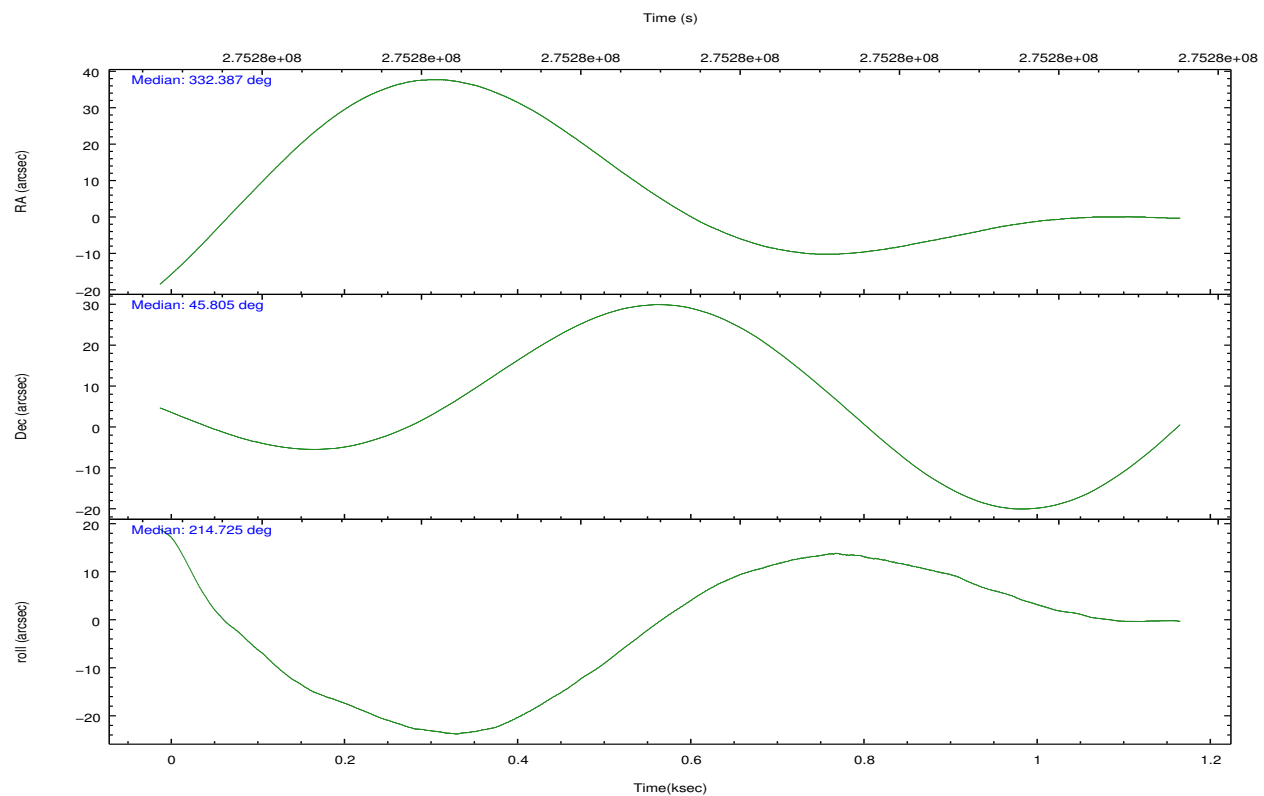
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.403645	332.388649402518
[deg] Pointing Dec	45.833756	45.80620891201264
[deg] Pointing Roll	214.648637	214.7267918438415
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	275282500.184000	275282124.44362
Observation start date	2006-09-22T03:20:35	2006-09-22T03:15:24
[s] Observation end time (MET)	275283500.184000	275283634.7812
Observation end date	2006-09-22T03:37:15	2006-09-22T03:40:34

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



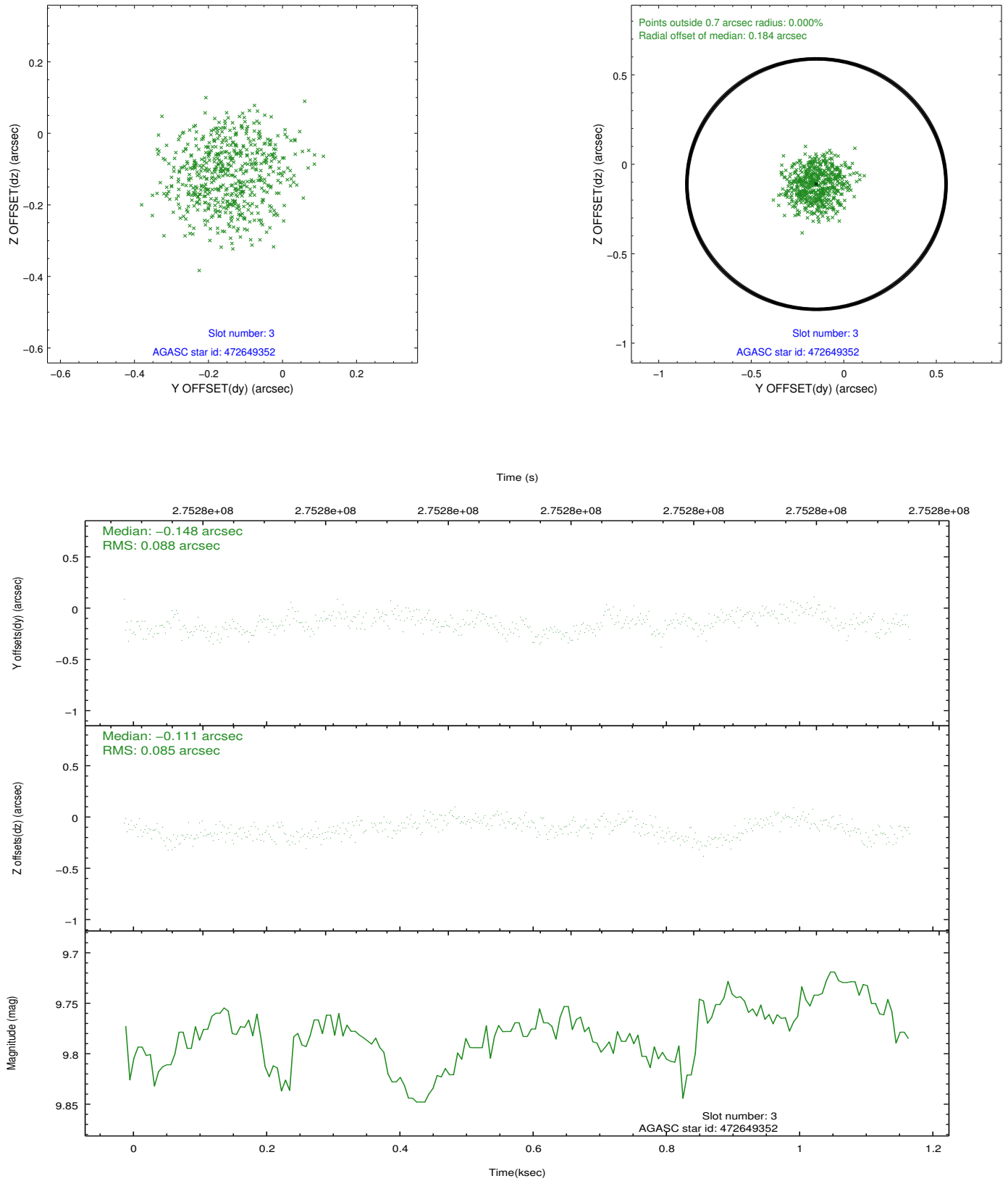


Slot Statistics

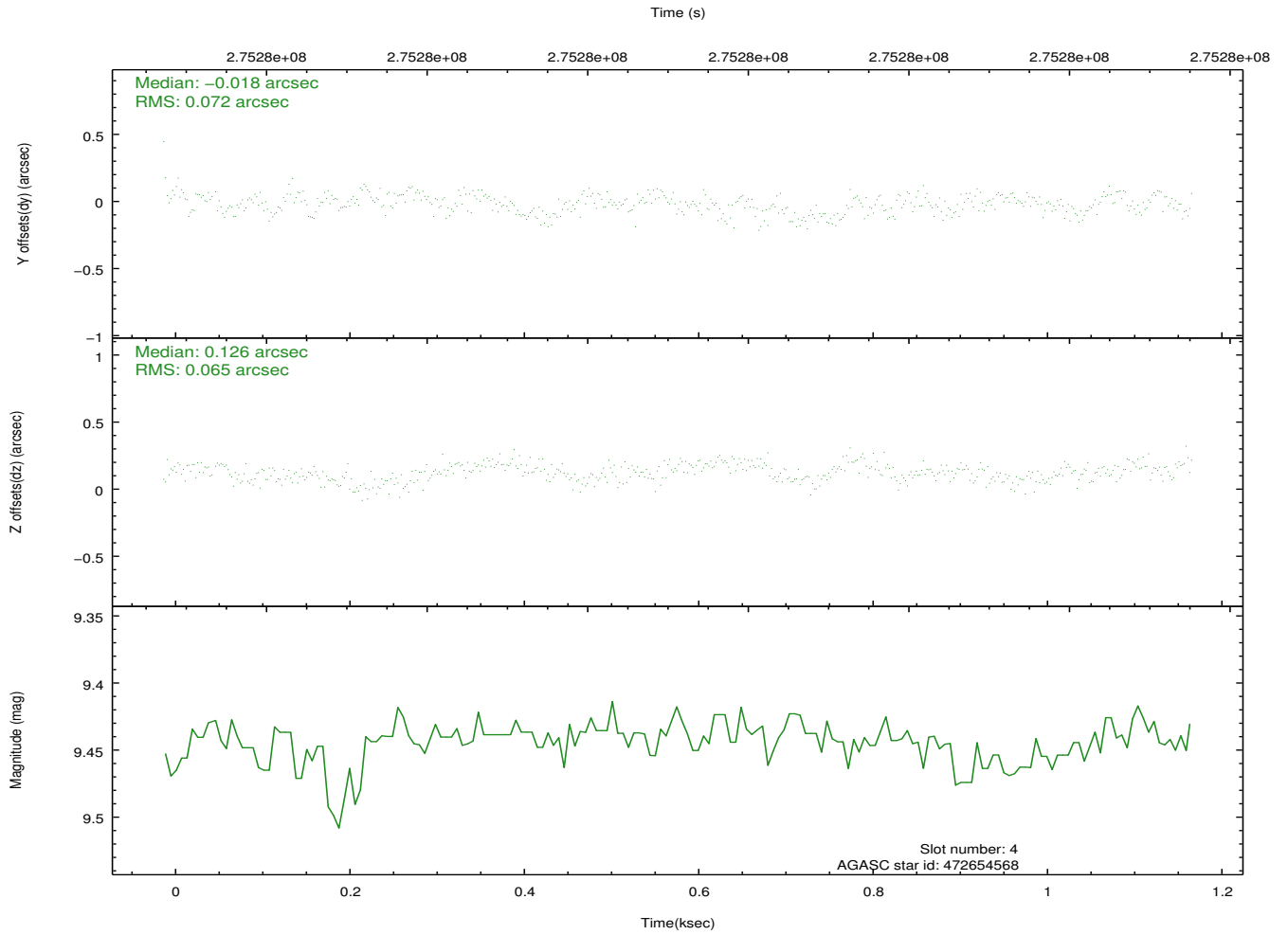
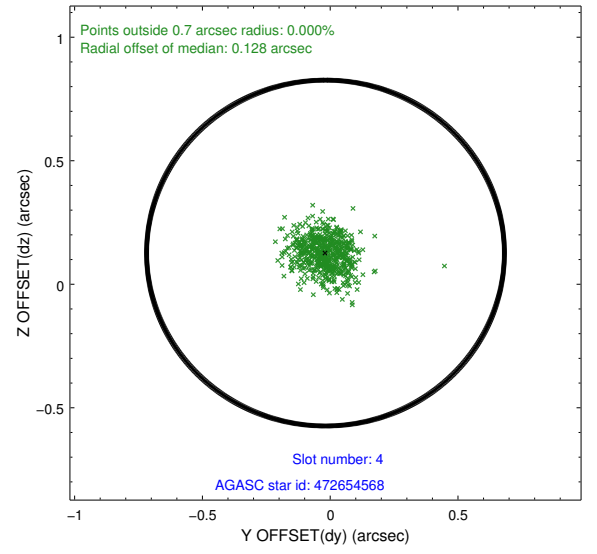
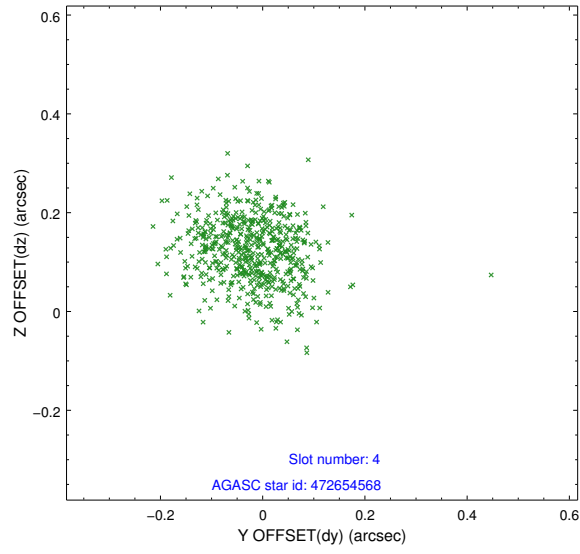
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.07	288	0.149	-0.203	0.007	0.010	0.000000	0.000000	-1163.40	-459.09
1	FID	HRC-S-2	7.05	288	0.141	-0.114	0.005	0.009	0.000000	0.000000	1232.21	-453.26
2	FID	HRC-S-3	7.07	288	0.099	0.014	0.006	0.009	0.000000	0.000000	-1161.89	569.07
3	GUIDE	472649352	9.78	573	-0.148	-0.111	0.132	0.200	332.034169	45.325407	1807.66	968.13
4	GUIDE	472654568	9.44	575	-0.018	0.126	0.101	0.166	332.194449	45.063576	2016.06	1975.95
5	GUIDE	472655152	9.44	576	0.124	-0.197	0.124	0.192	332.504239	45.862991	-264.40	56.03
6	GUIDE	472663080	9.41	576	0.017	0.115	0.104	0.187	332.652741	46.473840	-1819.73	-1549.17
7	GUIDE	472665256	9.03	574	0.031	0.068	0.083	0.142	332.808125	46.195041	-1573.83	-505.66

2.4 Star Slots

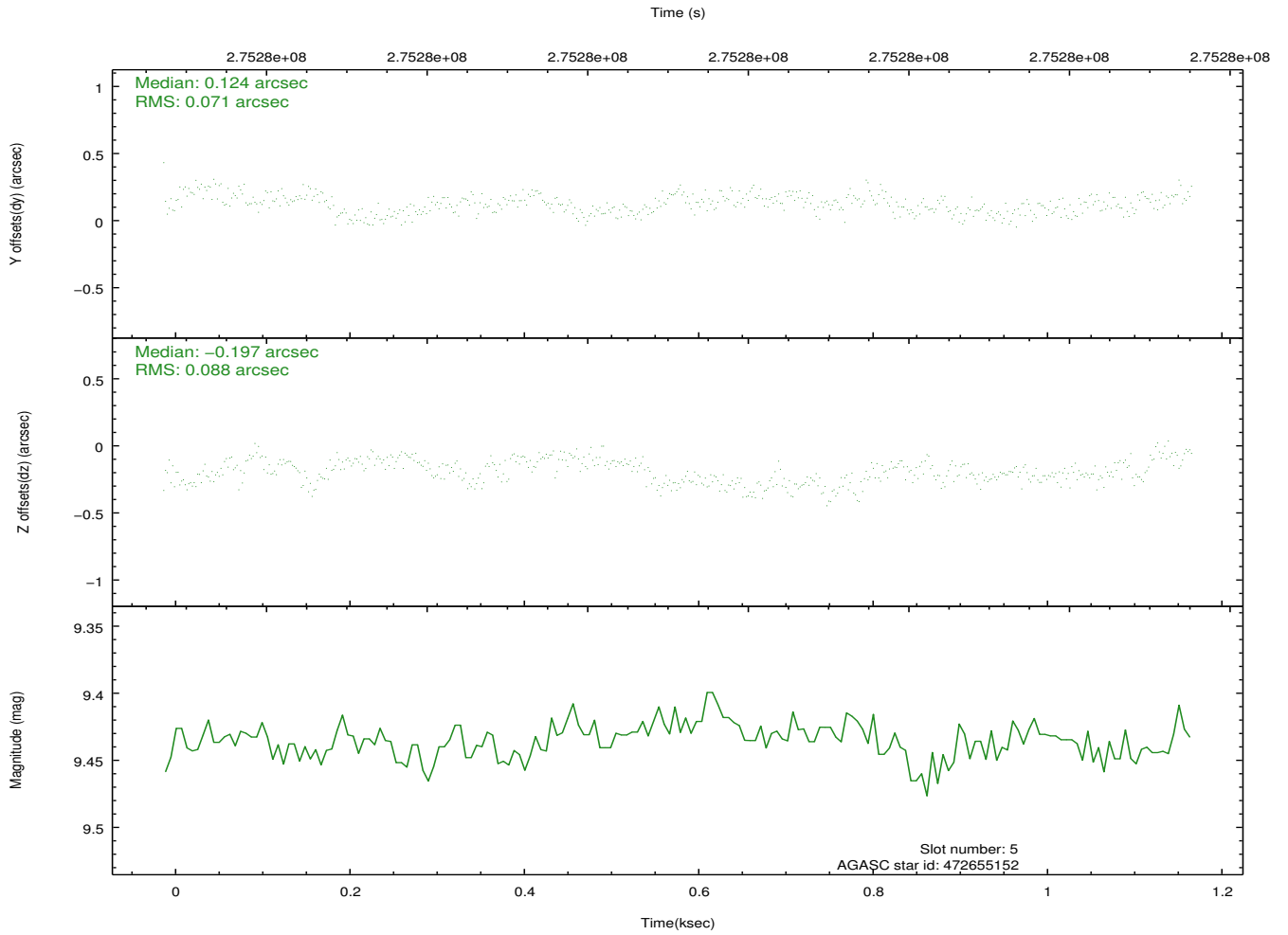
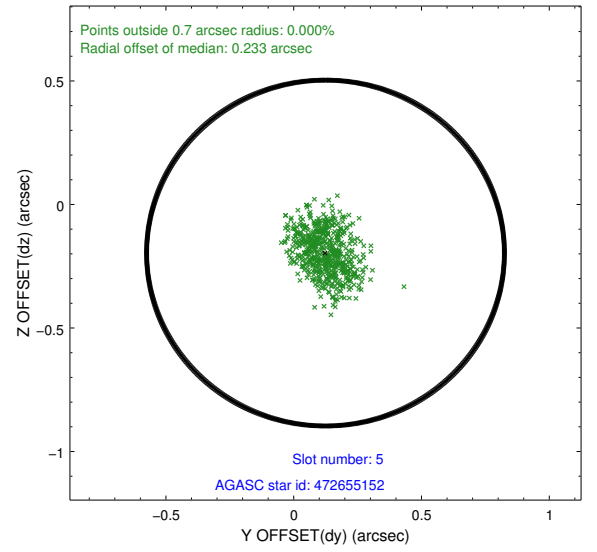
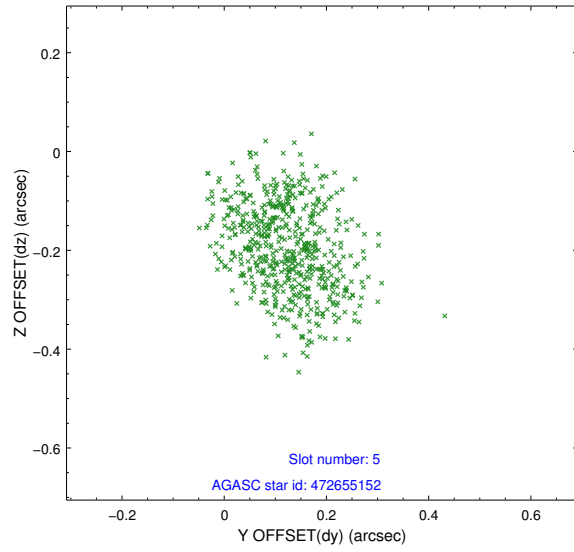
2.4.1 Slot 3



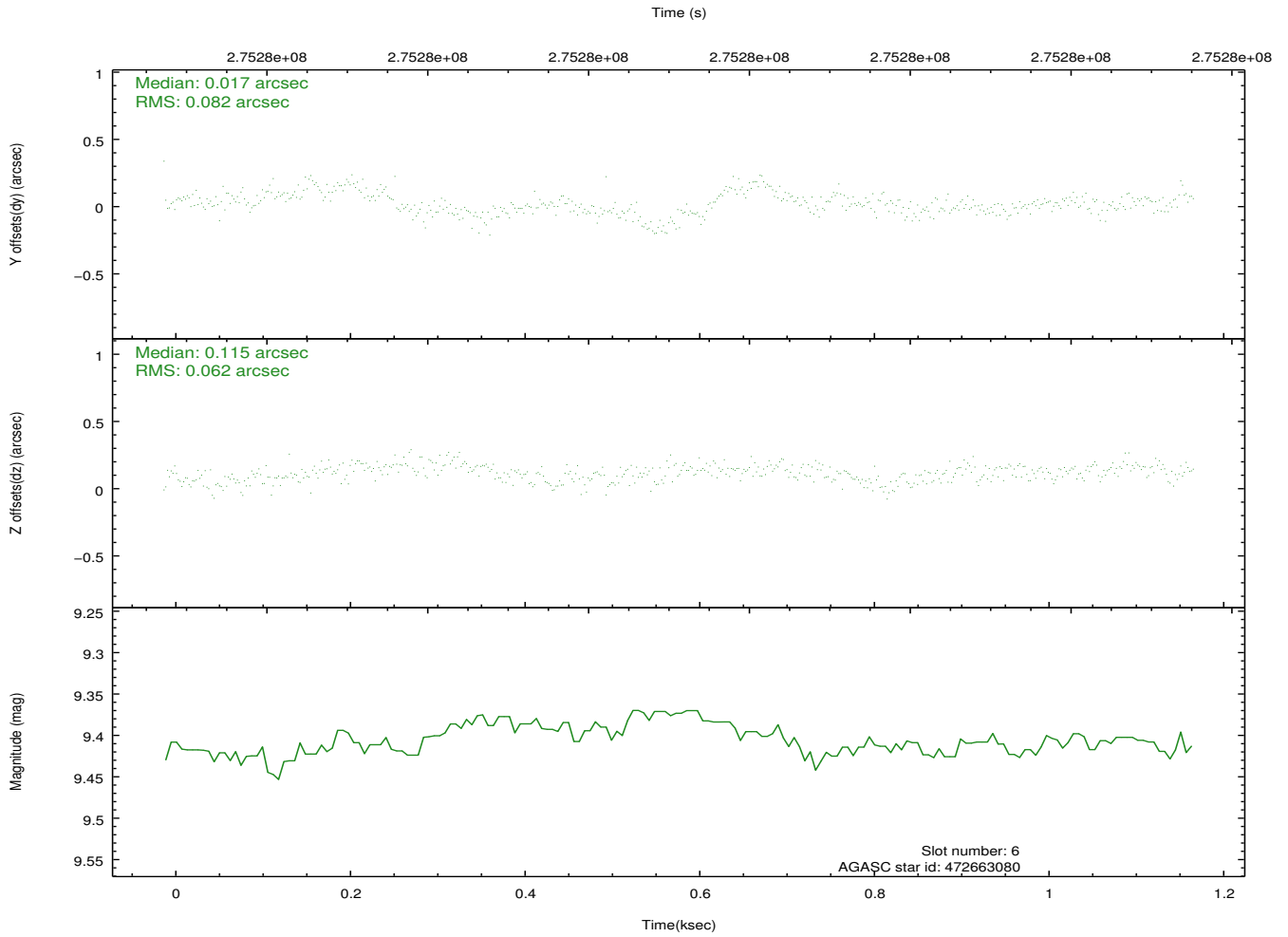
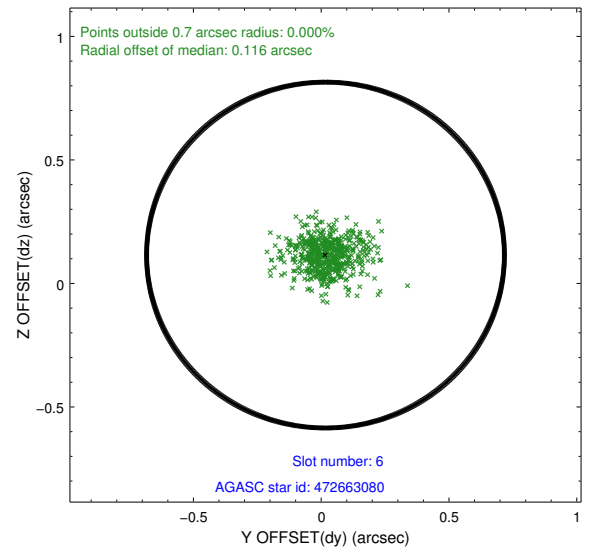
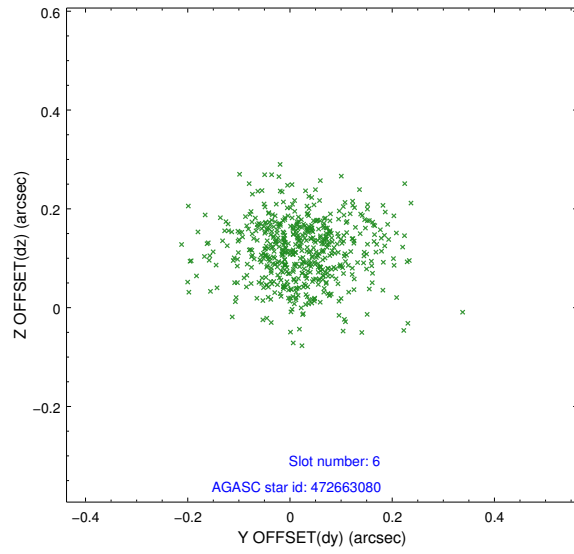
2.4.2 Slot 4



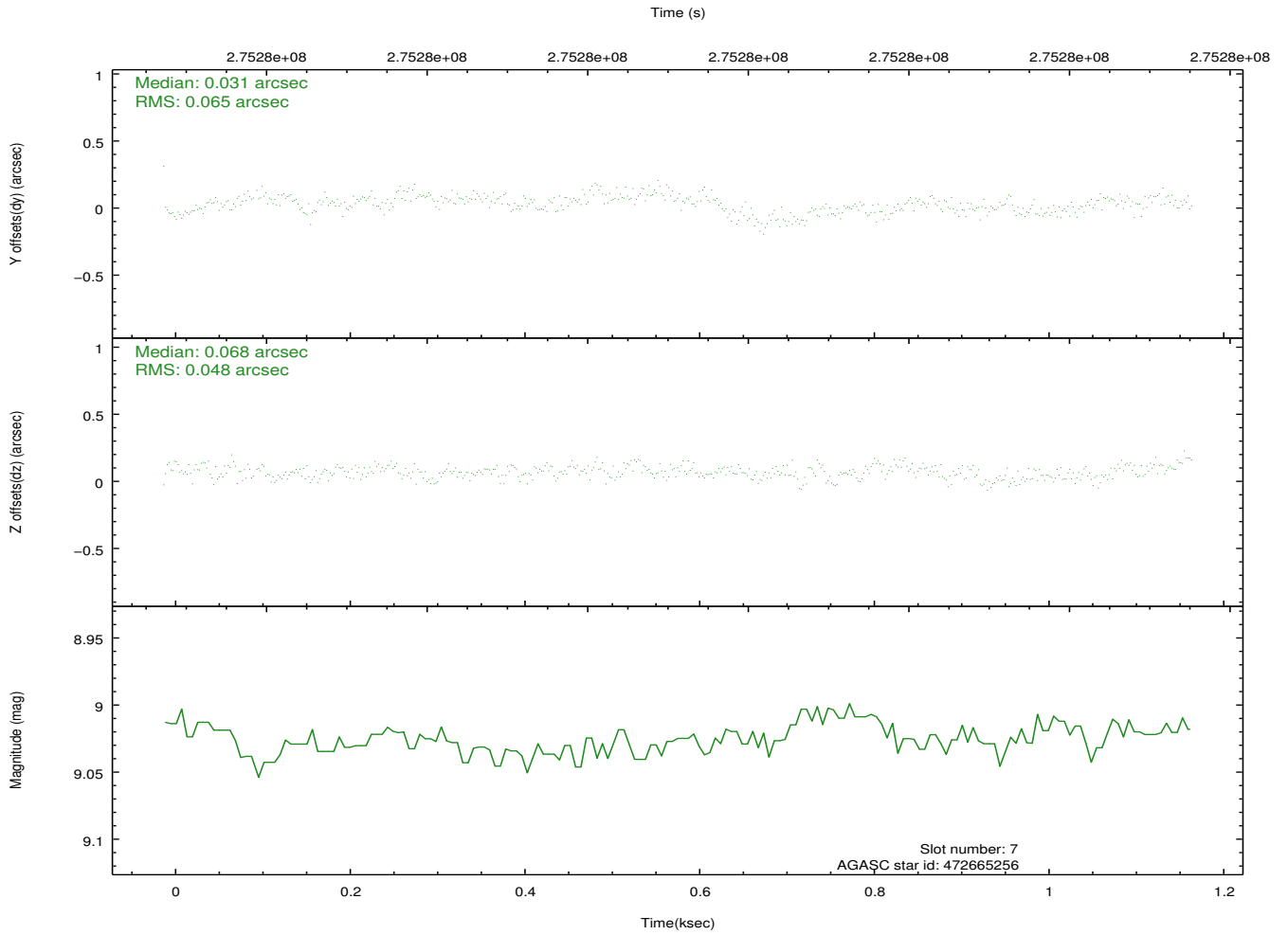
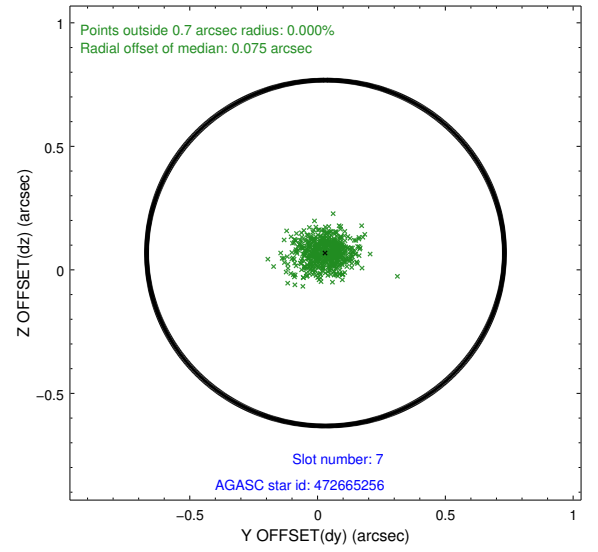
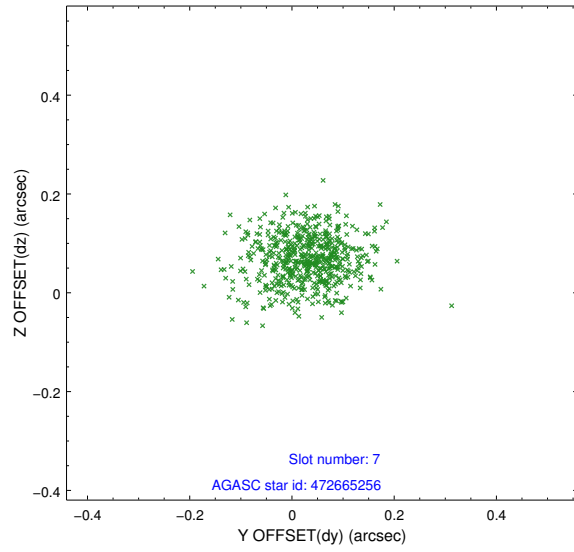
2.4.3 Slot 5



2.4.4 Slot 6

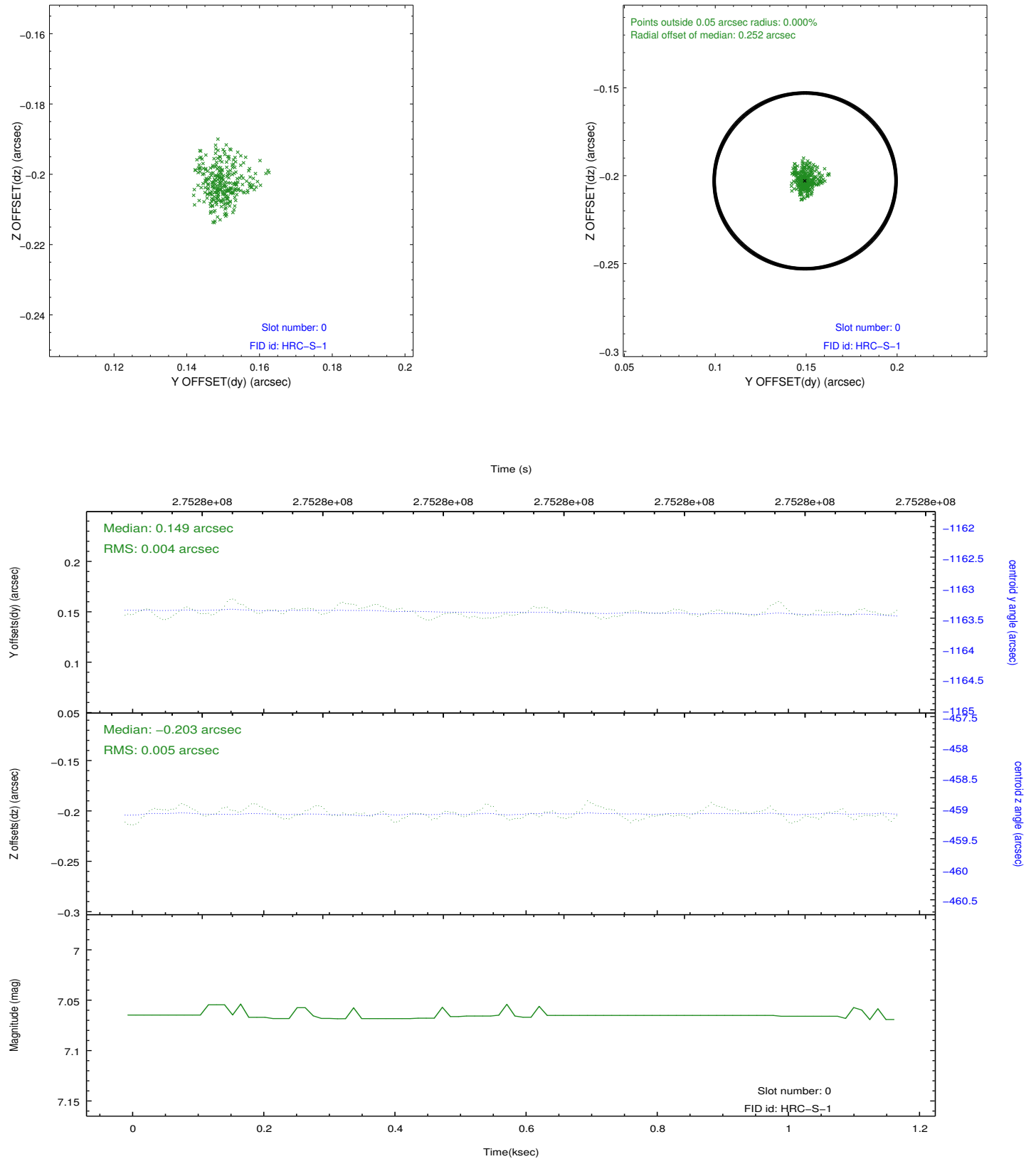


2.4.5 Slot 7

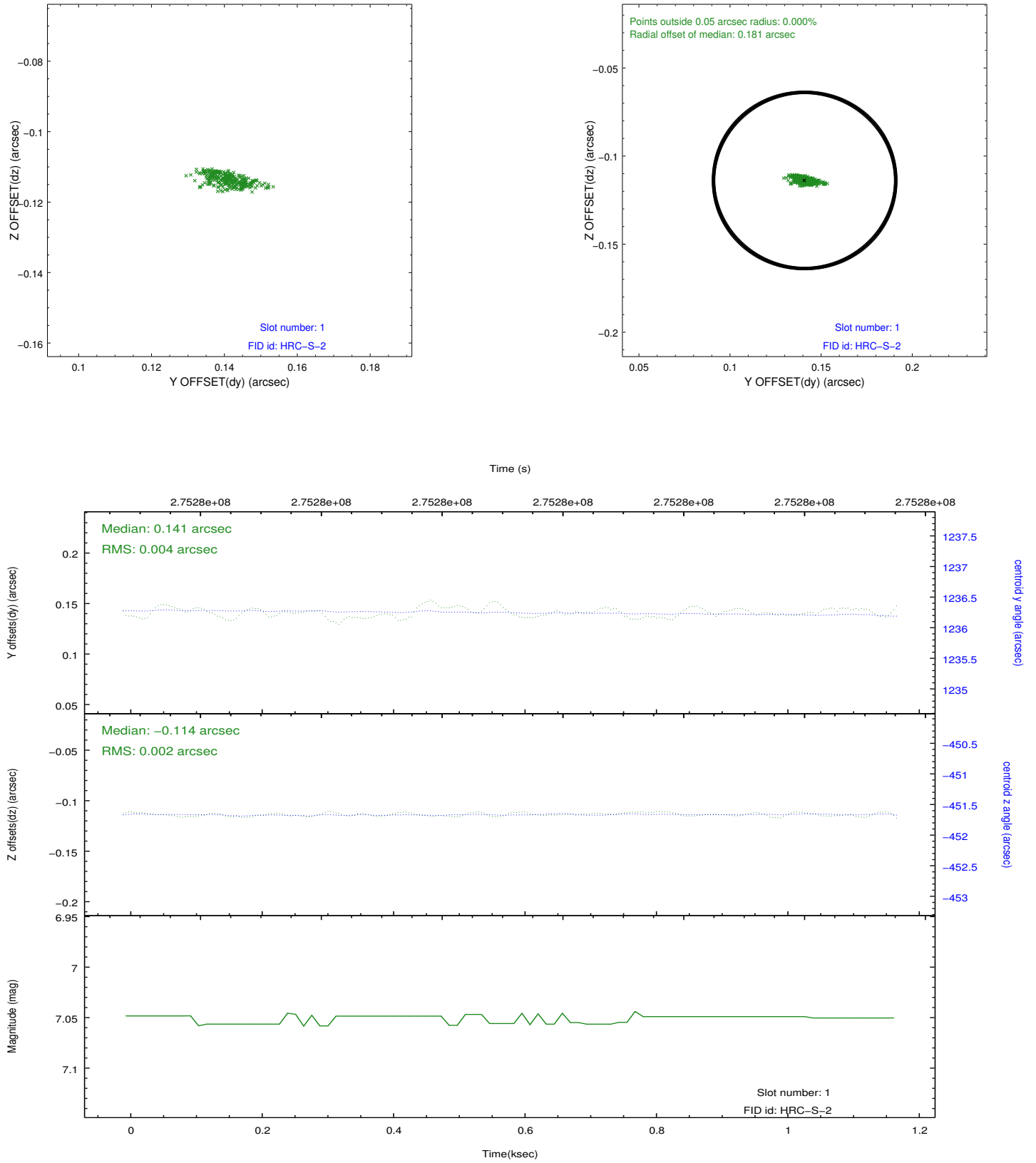


2.5 FID Slots

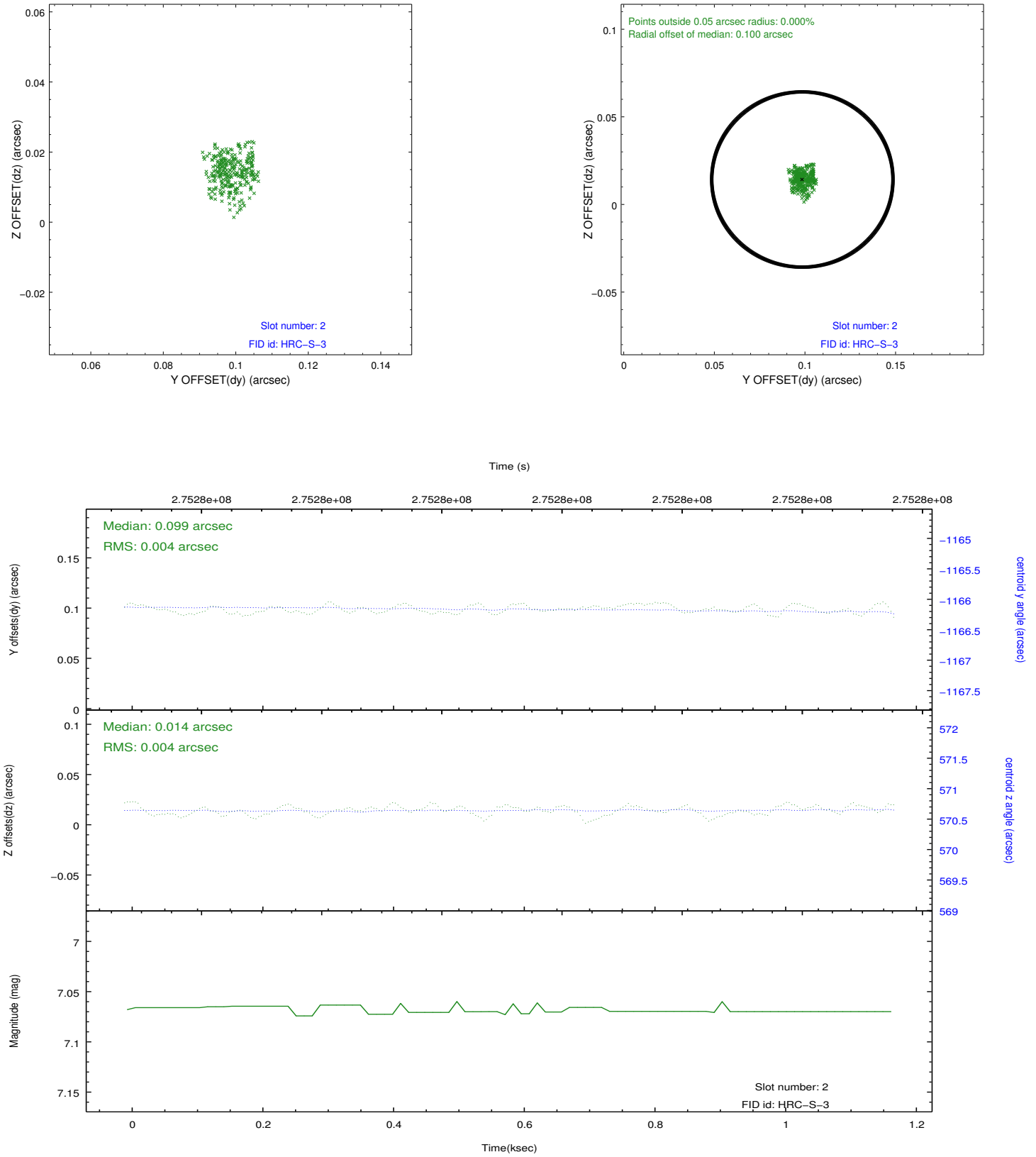
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.14902505

A.2 Comments