

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8227 - L2 Version 5
Chandra X-Ray Center

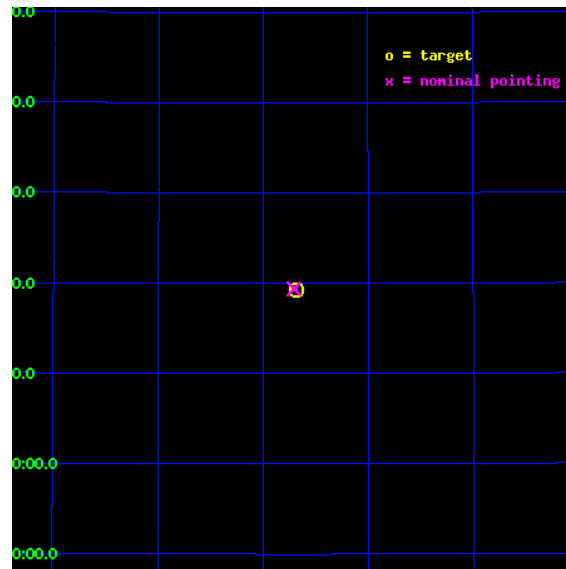
L2 Processing Date : Aug 11 2012

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1 Front

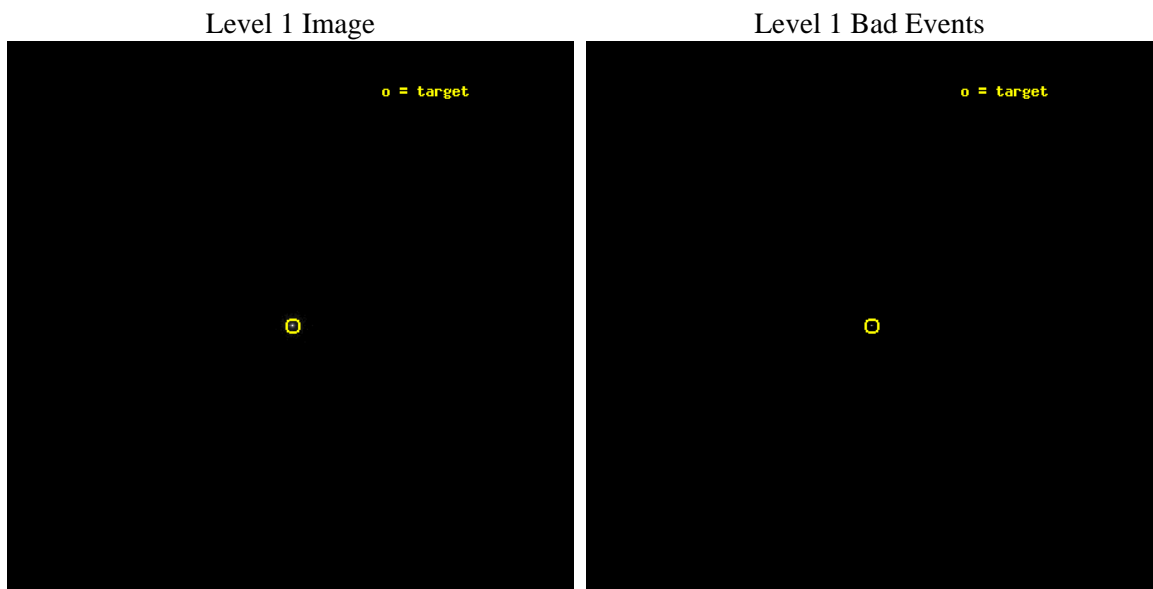
seq_num	900717	Sequence number
obs_id	8227	Observation id
title	Accurate Determination of the Dust-Scattering Halo Around Cyg X-2	
observer	Frederick Seward	Principal investigator
object	Cyg X-2	Source name
ra_targ	326.171667	Observer's specified target RA [deg]
dec_targ	38.321667	Observer's specified target Dec [deg]
ra_nom	326.17683503962	Nominal RA [deg]
dec_nom	38.323092946352	Nominal Dec [deg]
roll_nom	34.938016445414	Nominal Roll [deg]
revision	5	Processing version of data
ontime	2678.3251274824	[s]
livetime	771.08191772118	Ontime multiplied by DTCOR
l2events	470077	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	2500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2678.3251274824	[s]
caldbver	4.5.1.1	 	l1events	567802	Number of level 1 events
date	2012-08-11T20:16:24	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

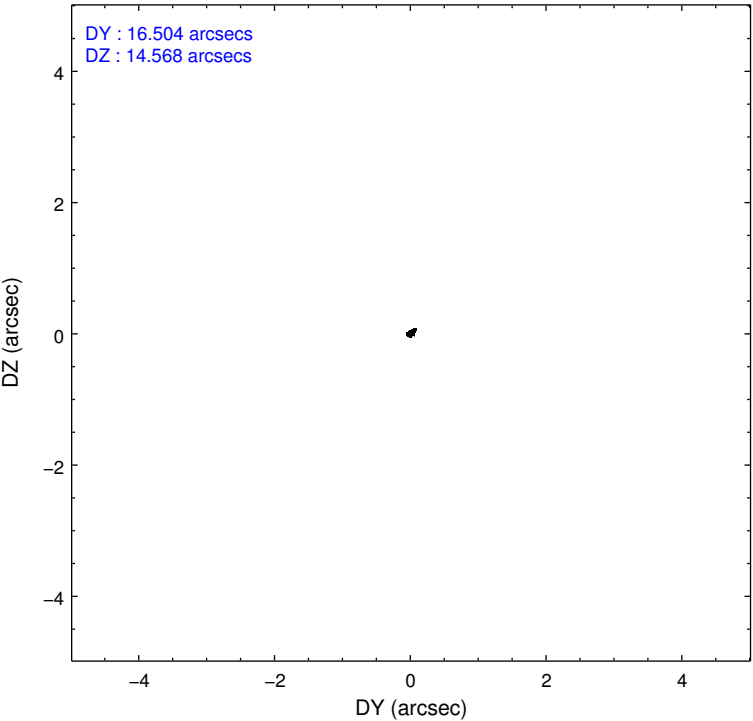
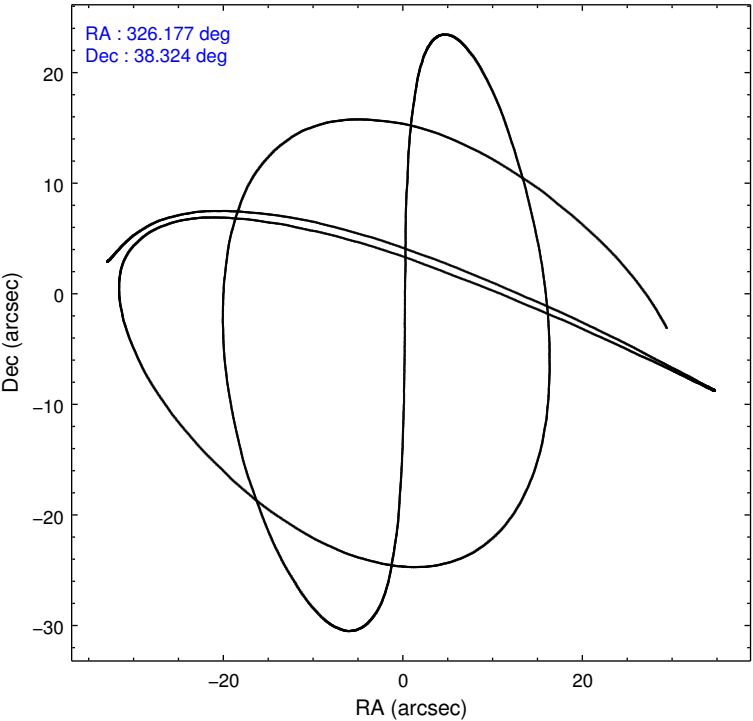
	segment 0
level 1 events	567802
rejected events	73948
rejected %	13%

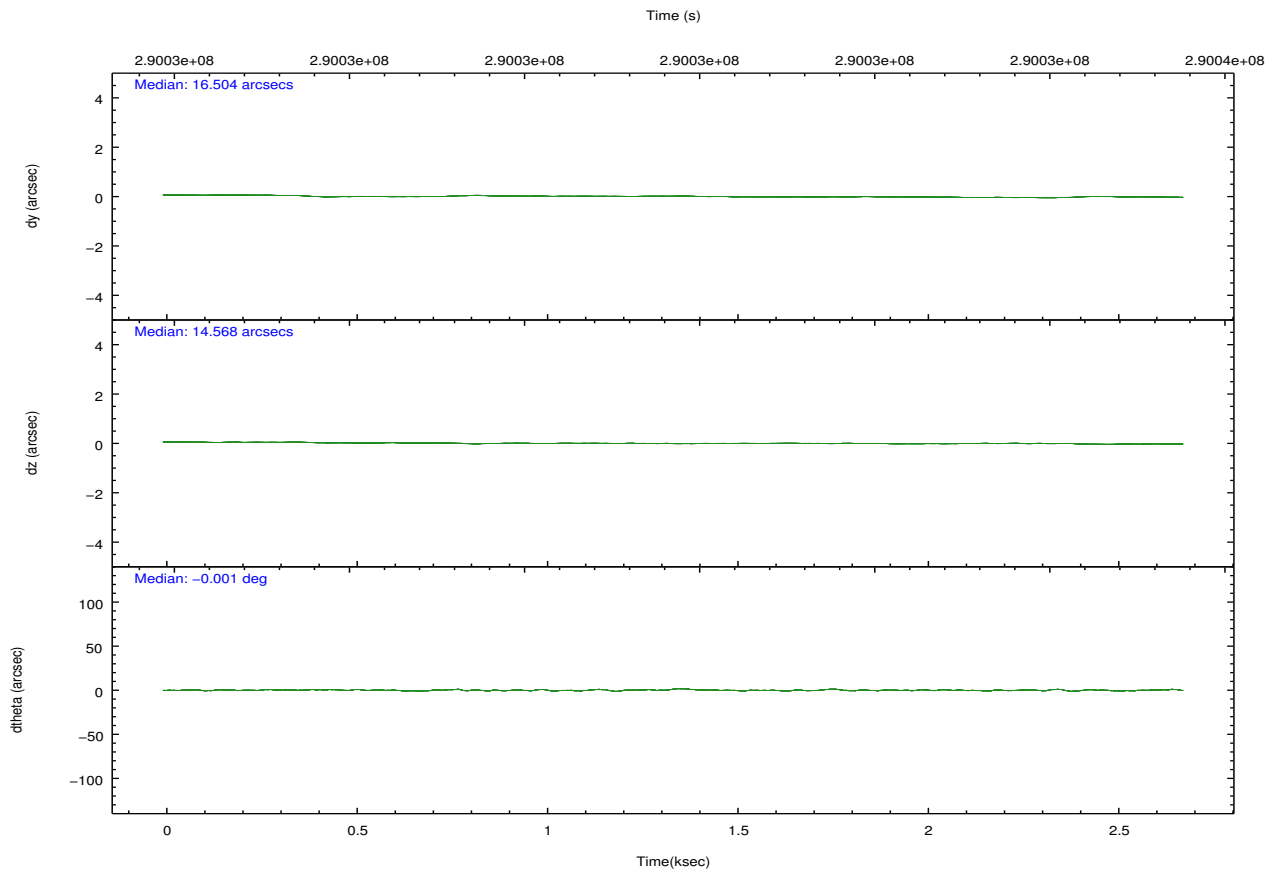
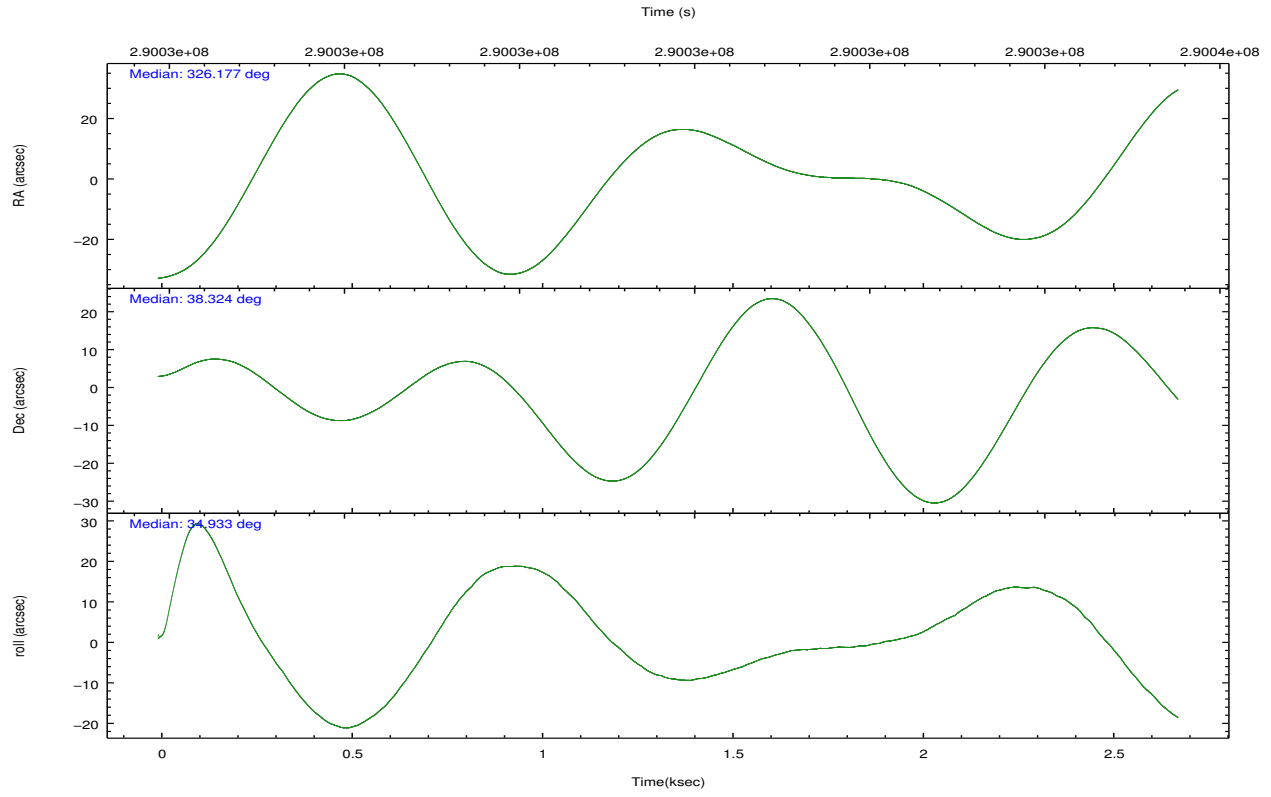
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	326.162959	326.1768350396222
[deg] Pointing Dec	38.297736	38.32309294635238
[deg] Pointing Roll	35.042284	34.93801644541409
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	80.985494	80.98358154794605
[mm] SIM translation stage offset	46	46.00190734365552
[s] Observation start time (MET)	290032265.184000	290031370.32899
Observation start date	2007-03-11T20:30:00	2007-03-11T20:16:10
[s] Observation end time (MET)	290034765.184000	290035250.97918
Observation end date	2007-03-11T21:11:40	2007-03-11T21:20:50

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

2.3 Aspect



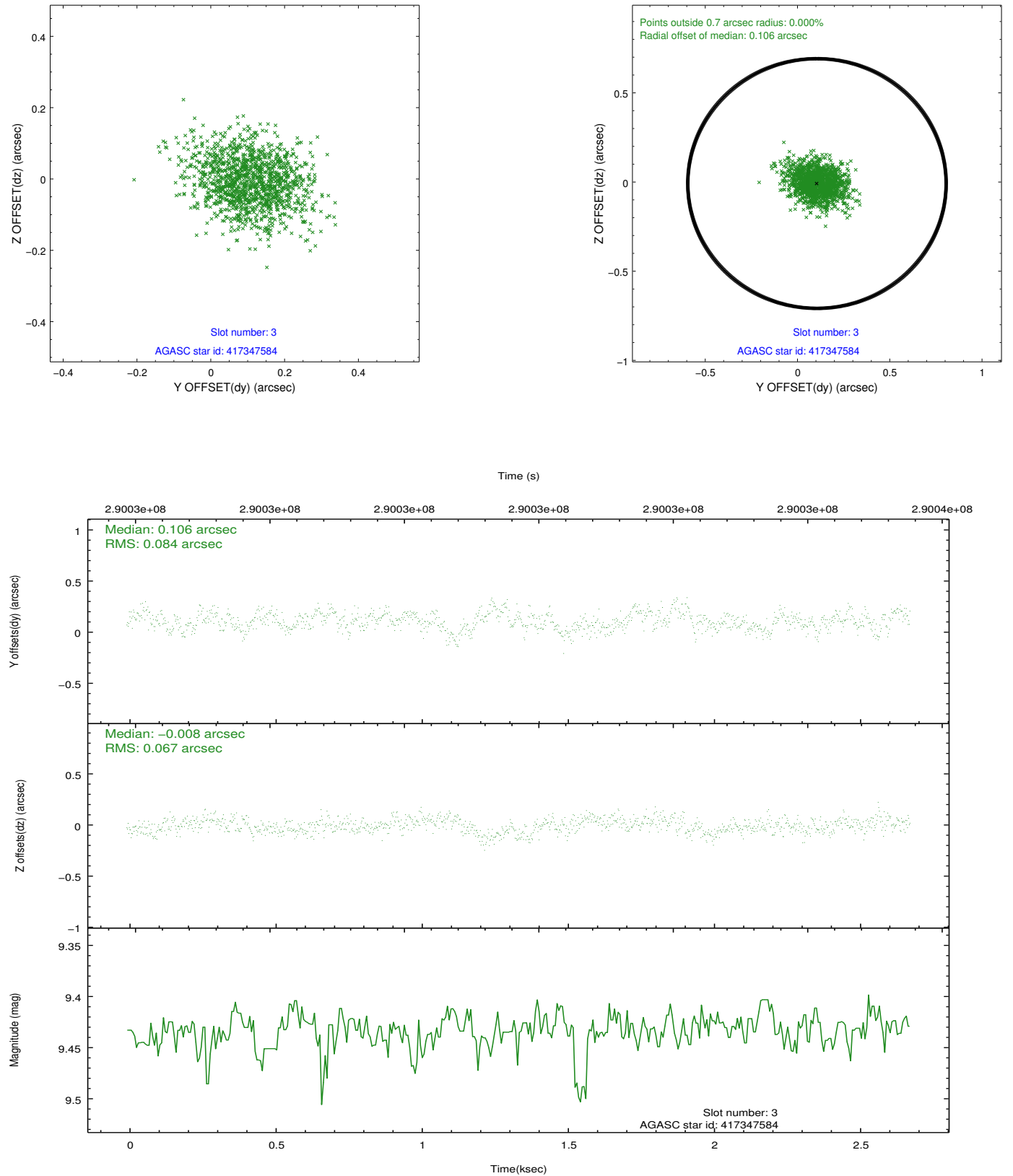


Slot Statistics

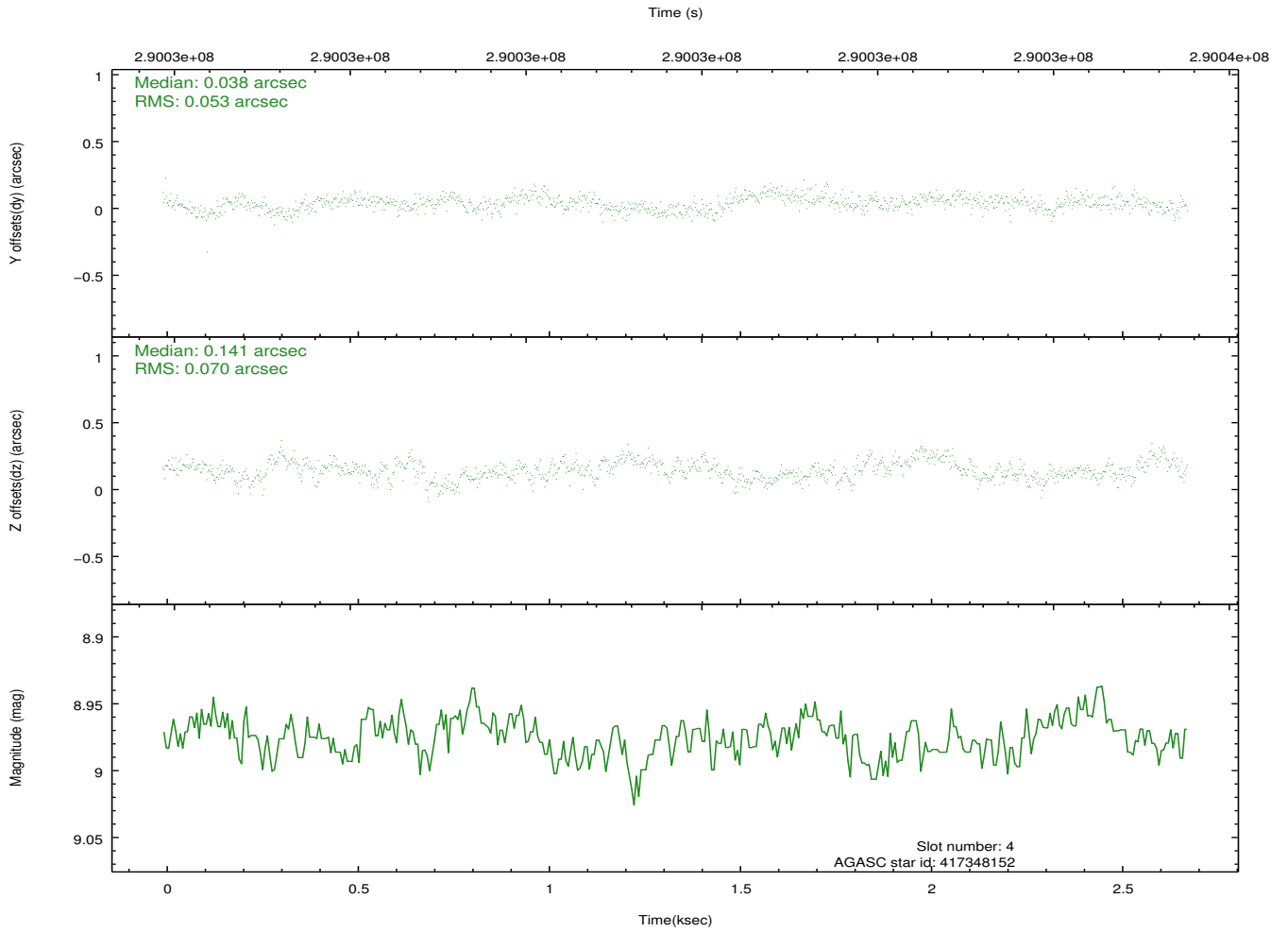
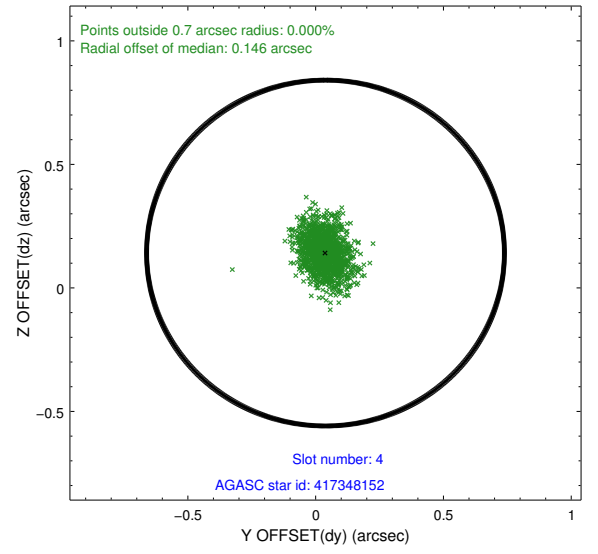
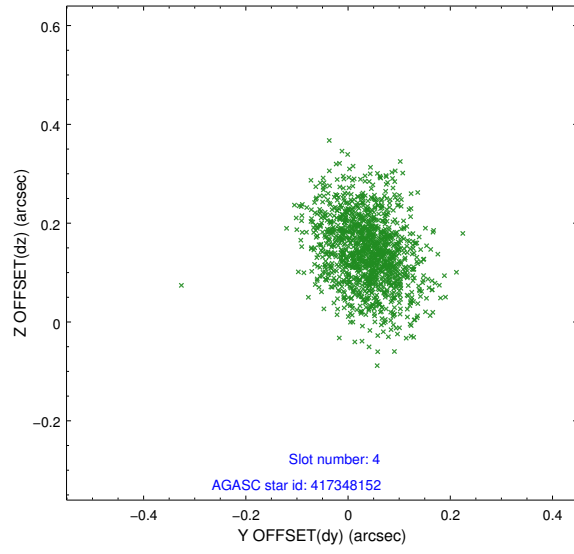
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	654	-0.000	-0.106	0.009	0.014	0.000000	0.000000	-770.47	-362.15
1	FID	HRC-I-2	7.13	654	-0.179	0.280	0.007	0.012	0.000000	0.000000	838.13	-358.60
2	FID	HRC-I-3	7.05	654	0.300	-0.260	0.006	0.012	0.000000	0.000000	-1200.44	1946.63
3	GUIDE	417347584	9.43	1307	0.106	-0.008	0.112	0.185	326.789051	38.342651	1543.41	-878.99
4	GUIDE	417348152	8.98	1307	0.038	0.141	0.093	0.156	326.316862	38.327313	418.05	-163.93
5	GUIDE	417348376	8.22	1308	0.011	-0.047	0.074	0.120	325.737694	38.184491	-1218.47	357.75
6	GUIDE	417351928	7.79	1307	-0.162	0.087	0.065	0.104	326.969486	38.210974	1692.79	-1558.42
7	GUIDE	417341936	9.08	1306	0.004	-0.167	0.095	0.157	326.275716	38.441212	557.91	237.79

2.4 Star Slots

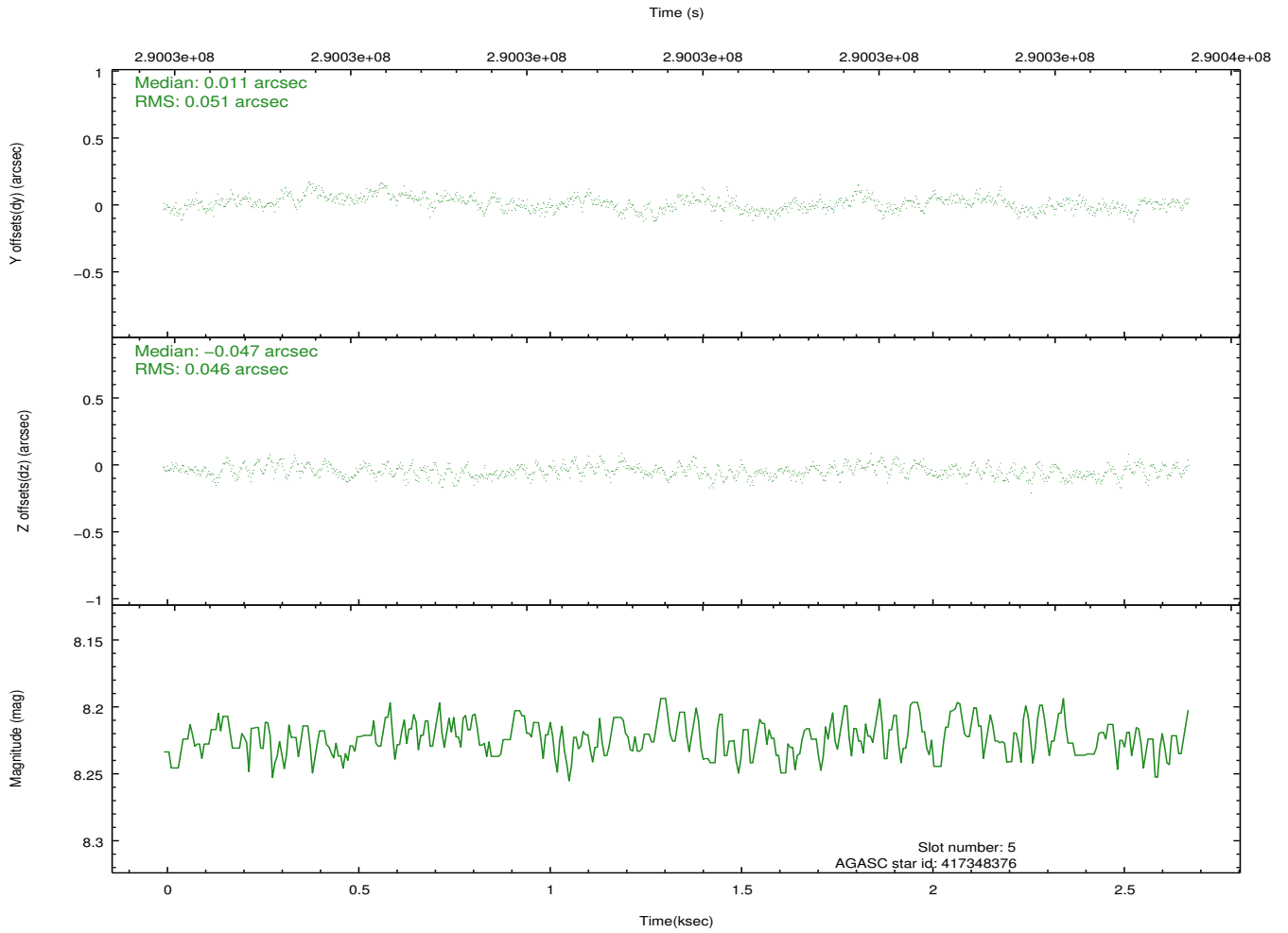
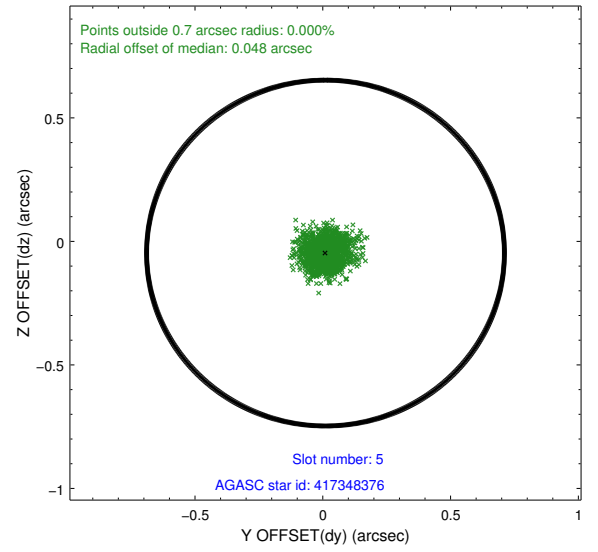
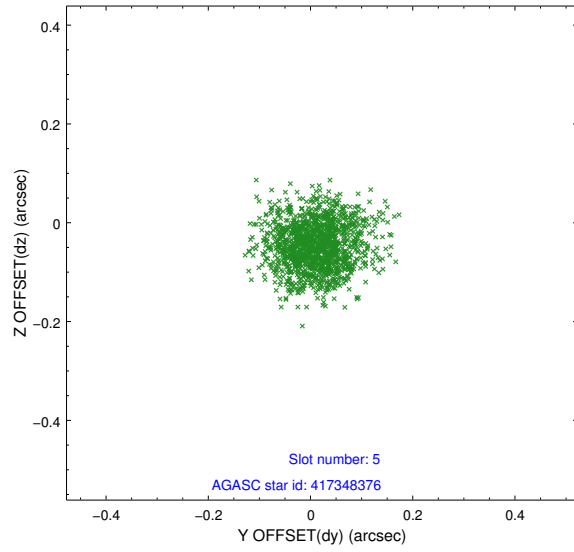
2.4.1 Slot 3



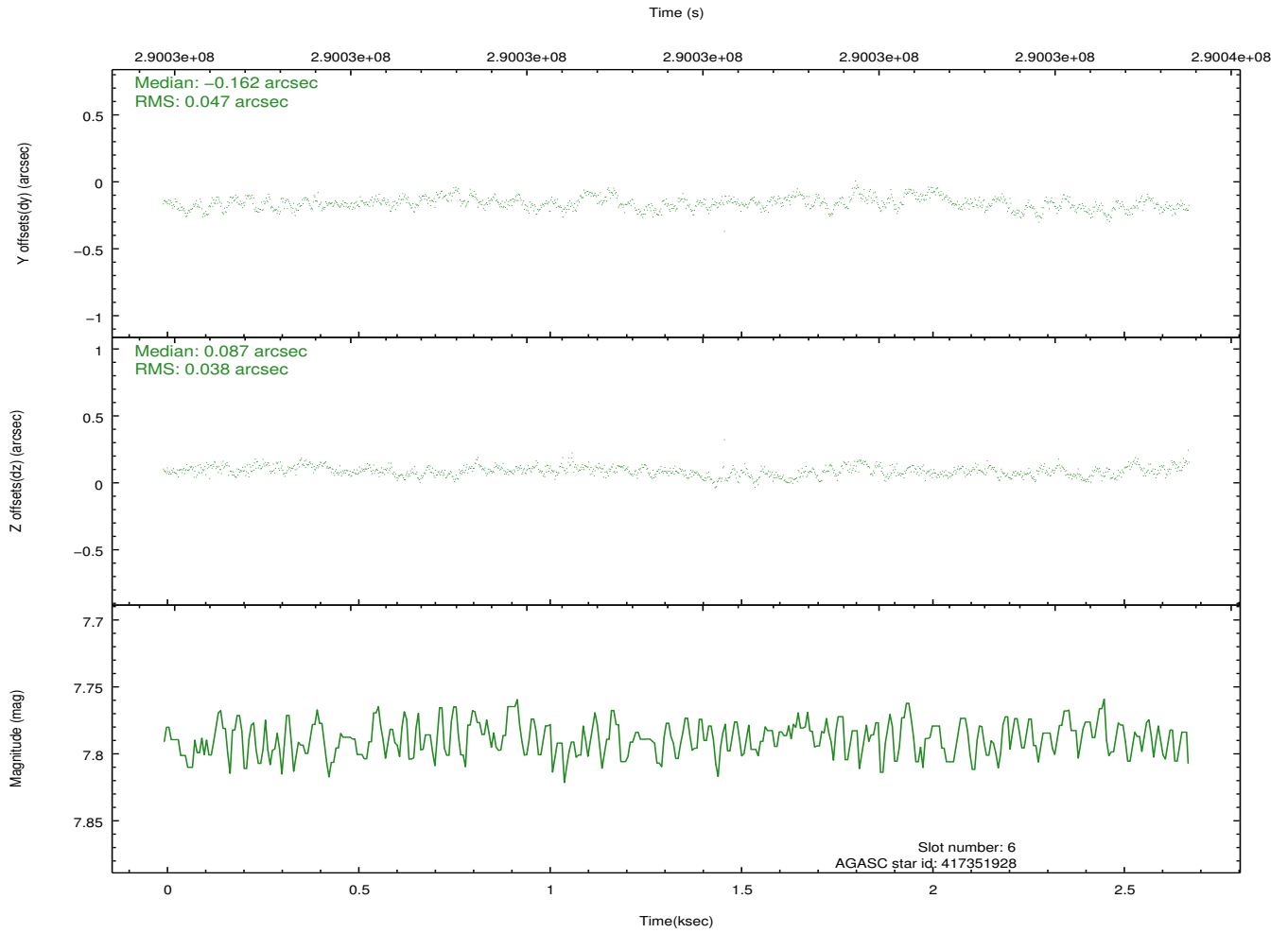
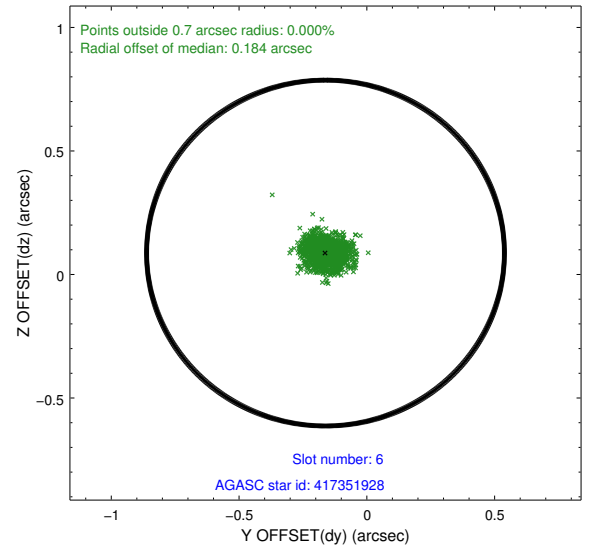
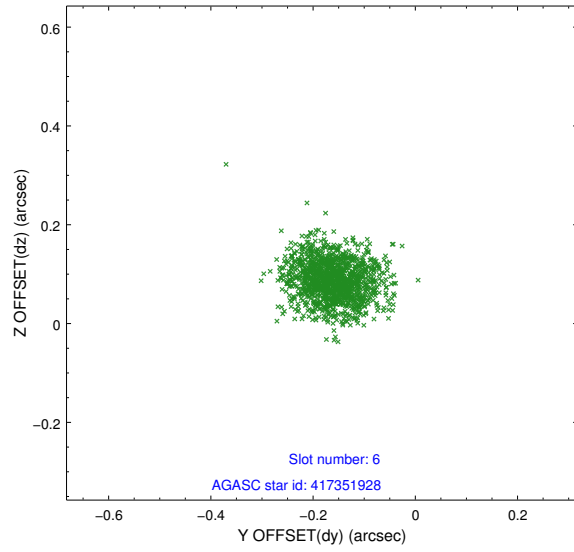
2.4.2 Slot 4



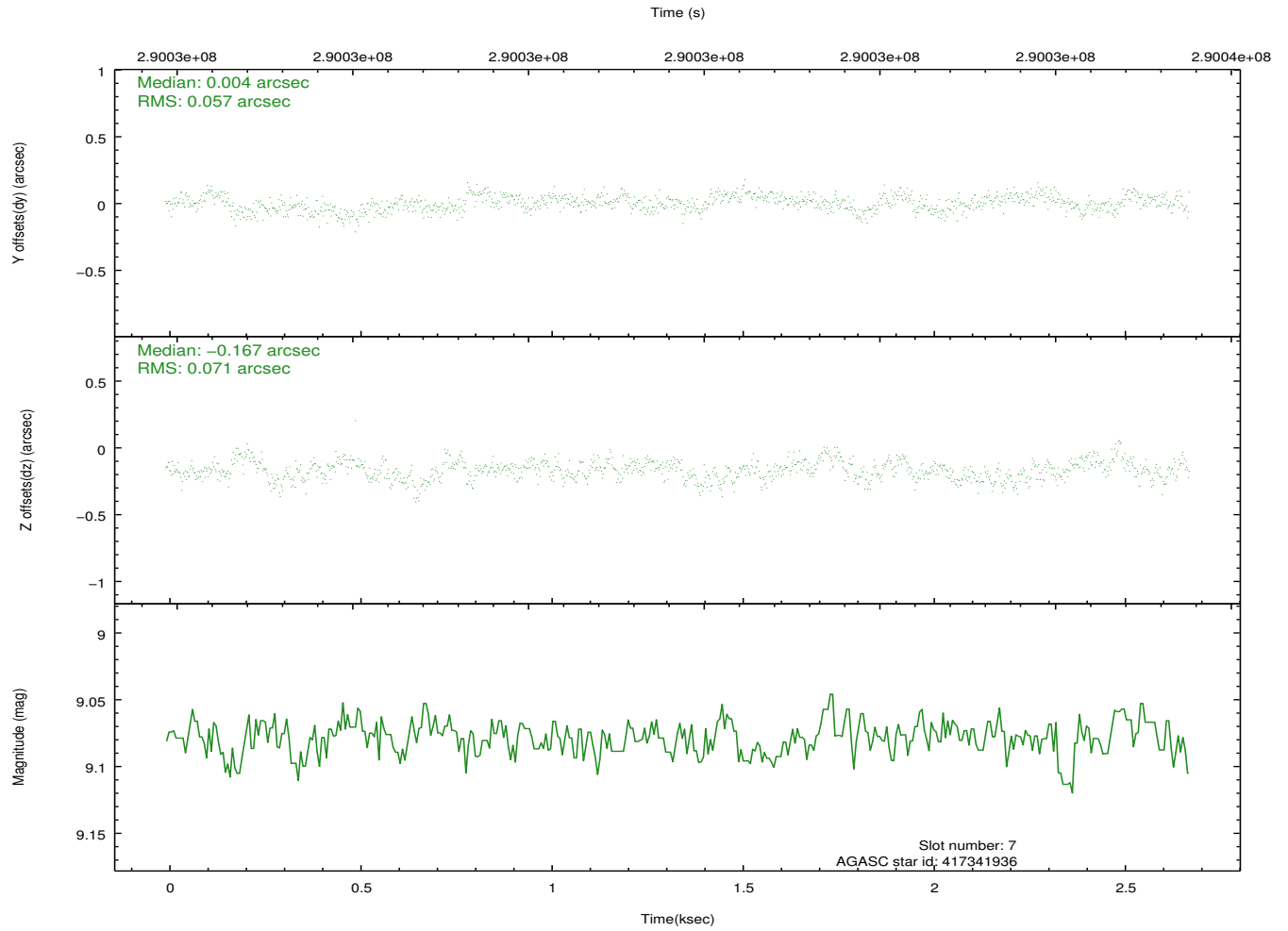
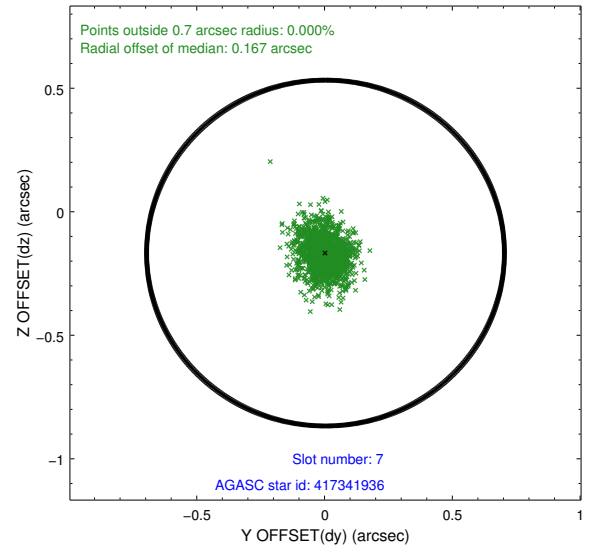
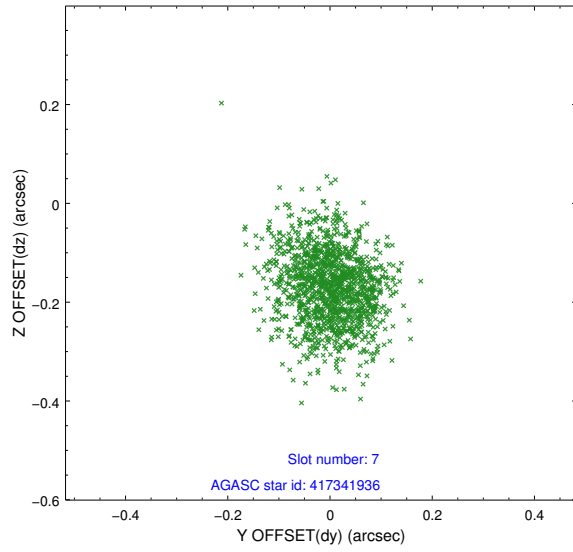
2.4.3 Slot 5



2.4.4 Slot 6

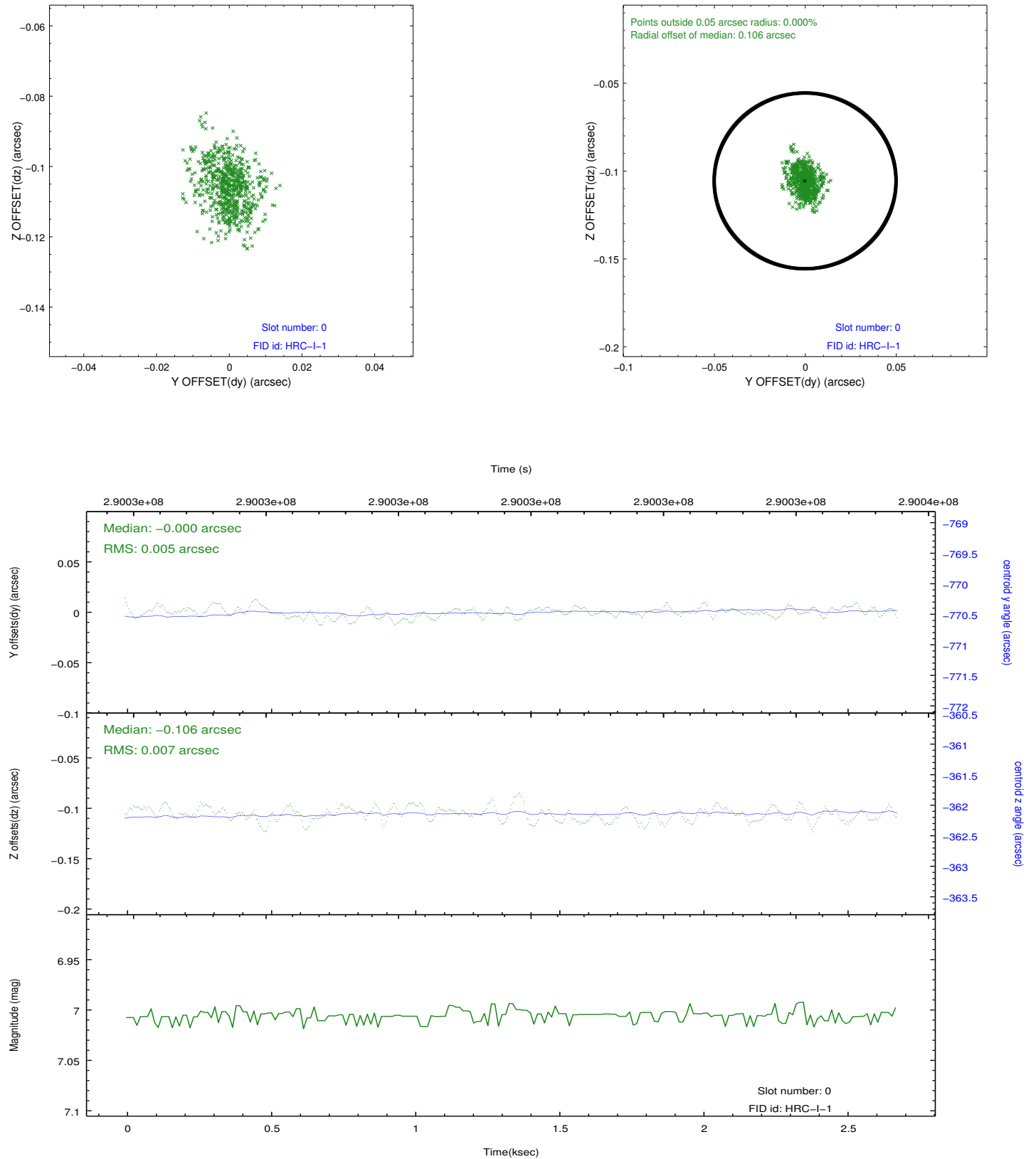


2.4.5 Slot 7

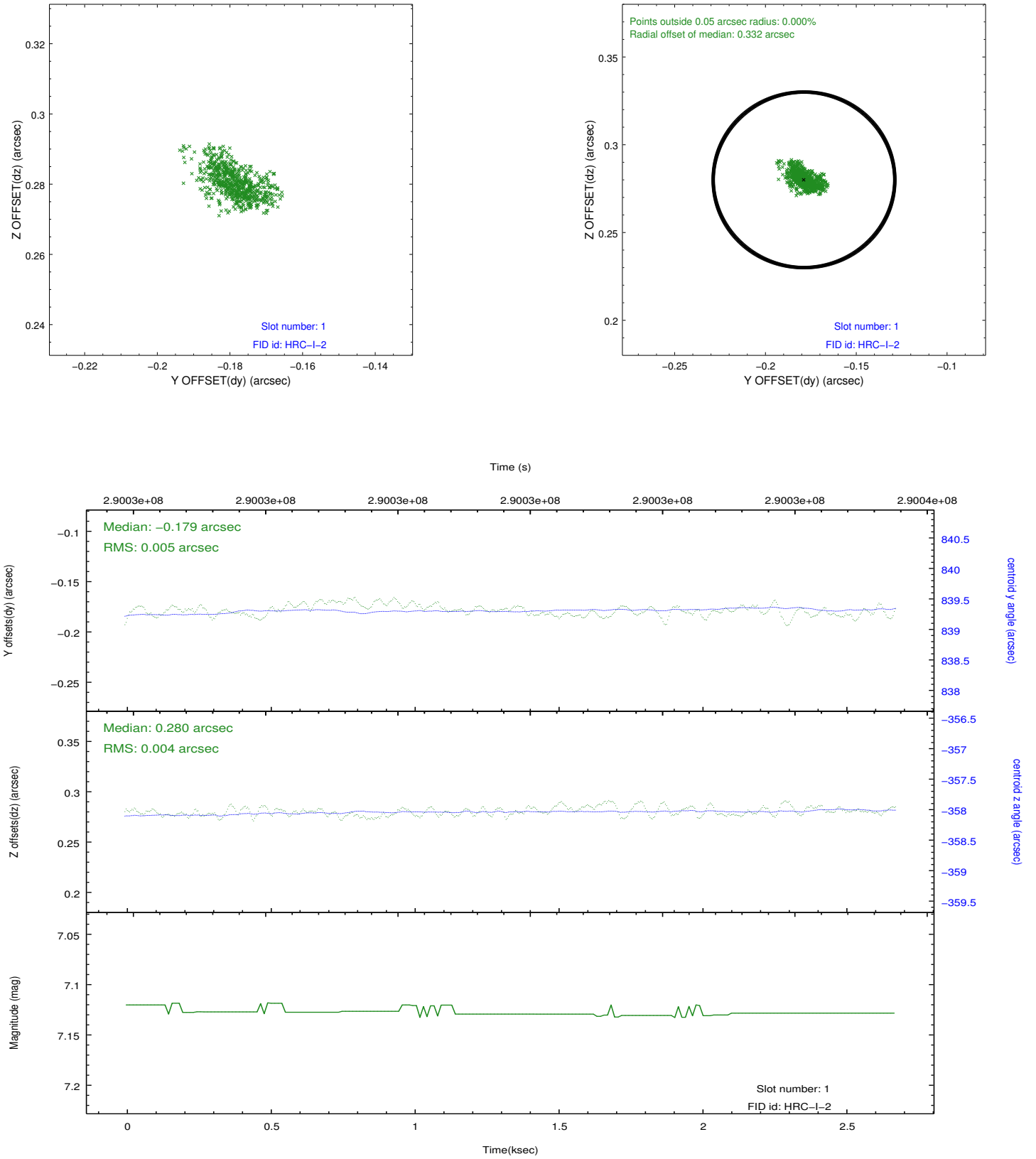


2.5 FID Slots

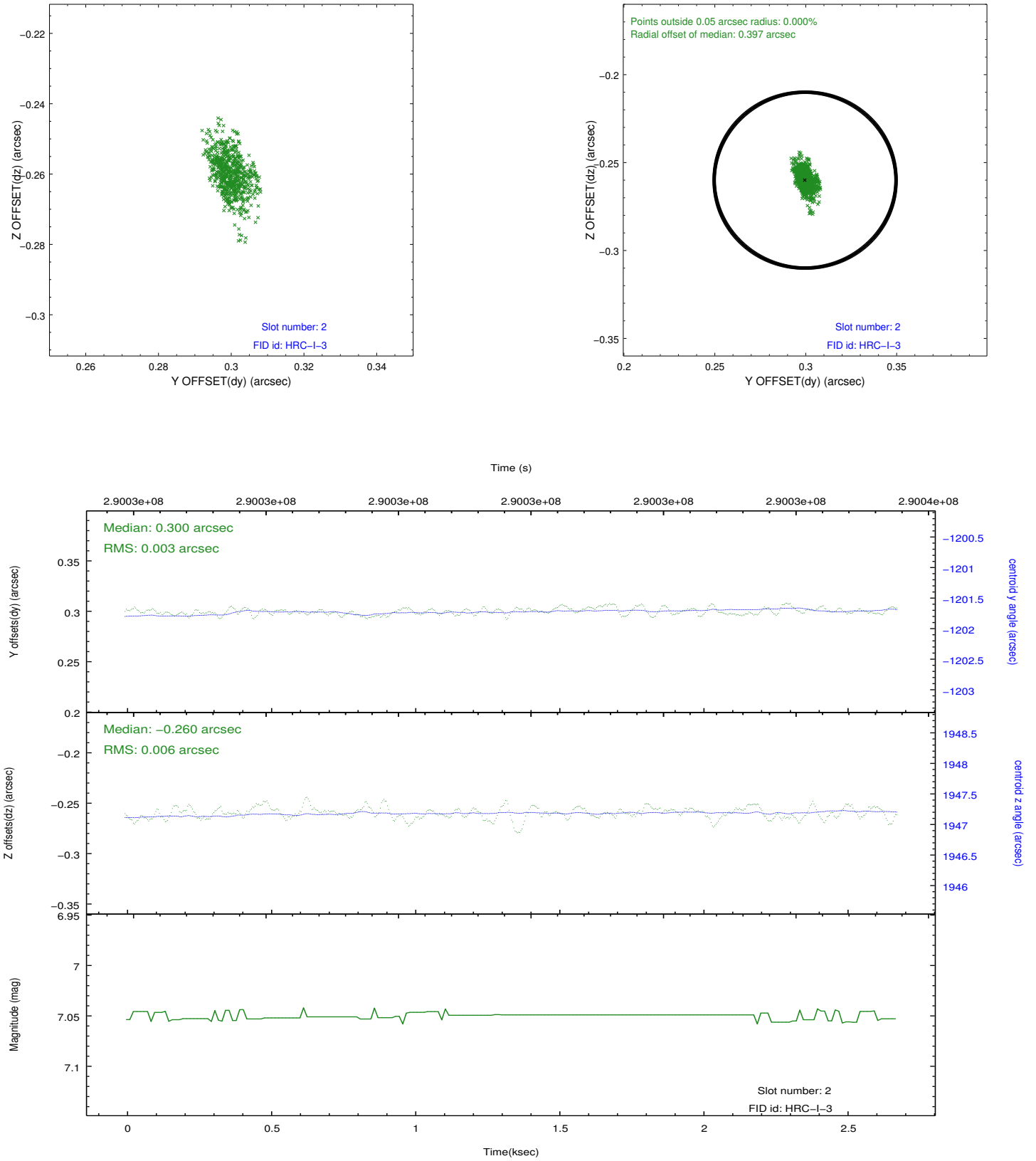
2.5.1 Slot 0



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	2.67832512

A.2 Comments