

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8226 - L2 Version 5
Chandra X-Ray Center

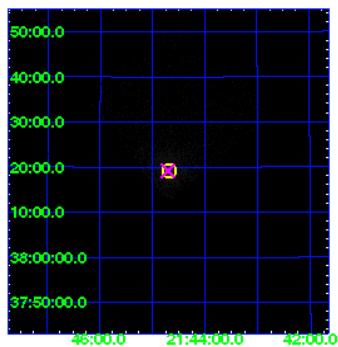
L2 Processing Date : Aug 11 2012

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1 Front

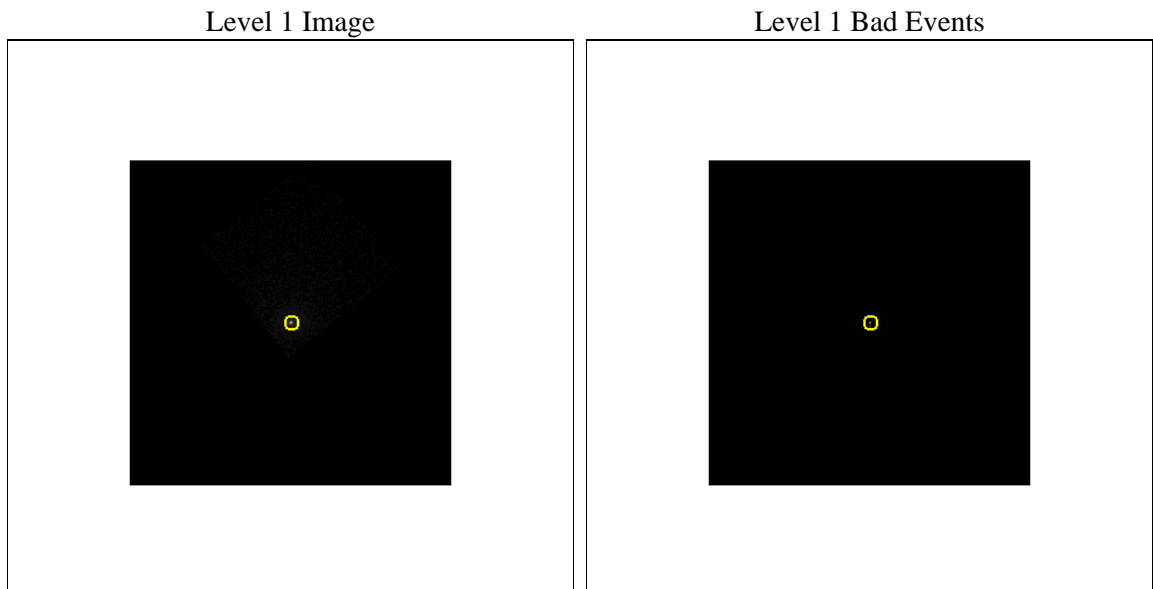
seq_num	900716	Sequence number
obs_id	8226	Observation id
title	Accurate Determination of the Dust-Scattering Halo Around Cyg X-2	
observer	Frederick Seward	Principal investigator
object	Cyg X-2	Source name
ra_targ	326.171667	Observer's specified target RA [deg]
dec_targ	38.321667	Observer's specified target Dec [deg]
ra_nom	326.17616883248	Nominal RA [deg]
dec_nom	38.320370786912	Nominal Dec [deg]
roll_nom	7.0378432168465	Nominal Roll [deg]
revision	5	Processing version of data
ontime	2666.025126636	[s]
livetime	1400.4472155853	Ontime multiplied by DTCOR
l2events	449825	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	2666.025126636	[s]
caldsver	4.5.1.1	 	l1events	578037	Number of level 1 events
date	2012-08-11T20:16:25	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

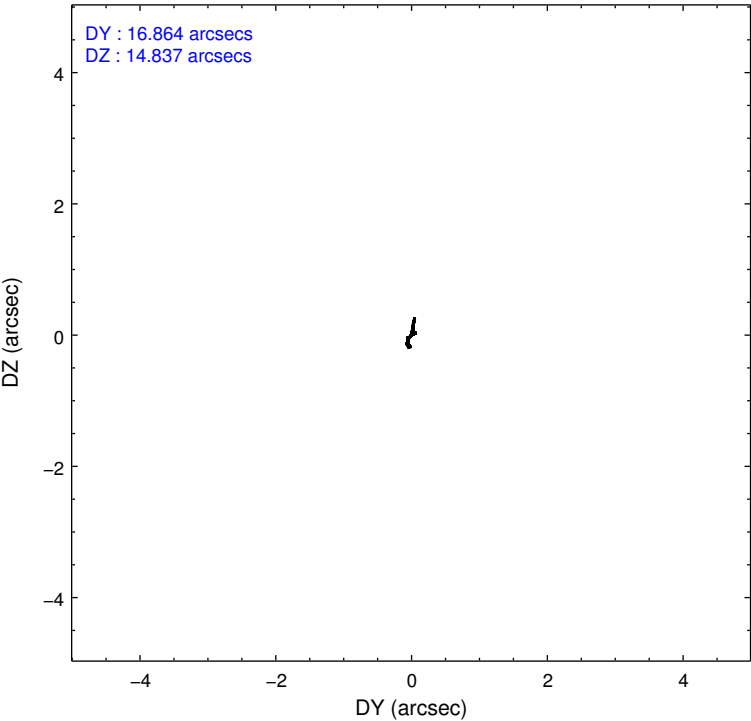
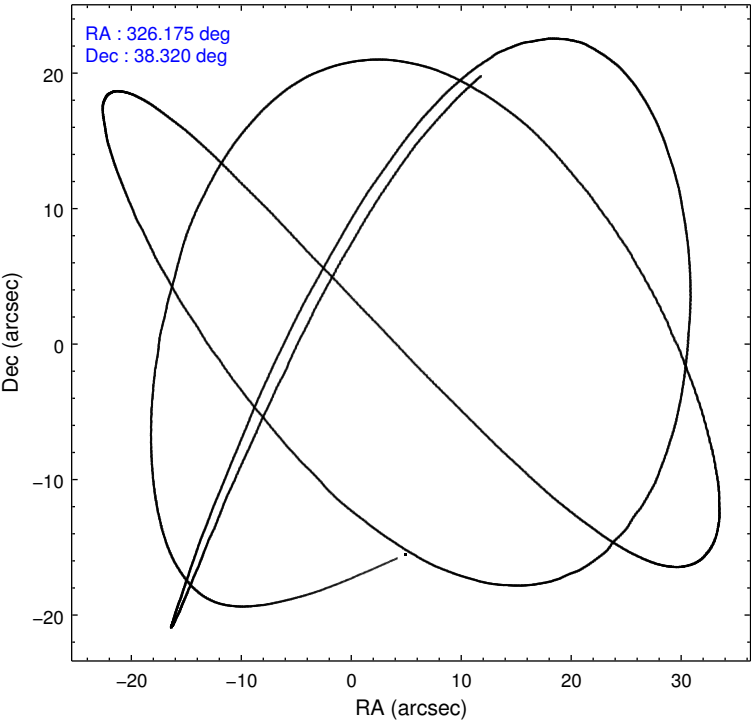
	segment 0
level 1 events	578037
rejected events	86445
rejected %	14%

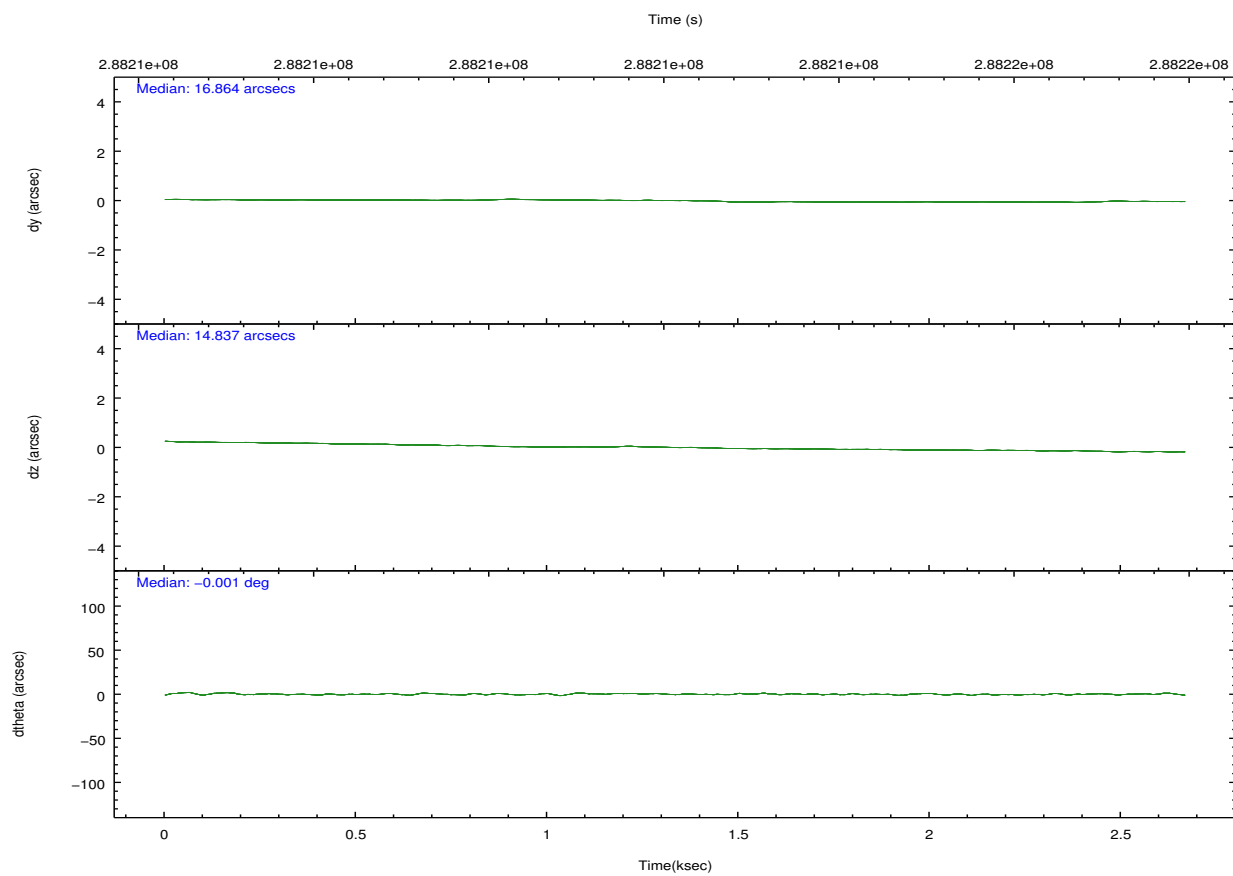
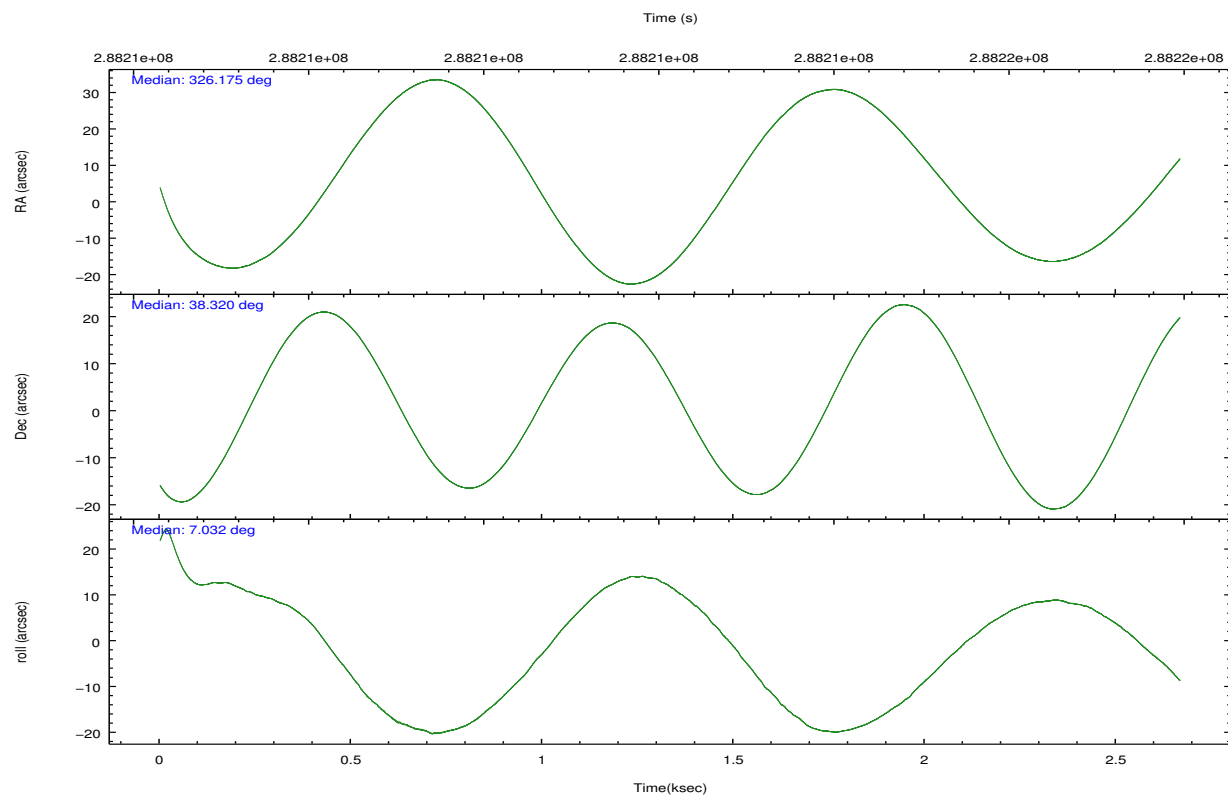
2.2 Compared Parameters

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	326.149708	326.1761688324821
[deg] Pointing Dec	38.303715	38.32037078691246
[deg] Pointing Roll	7.149644	7.037843216846531
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	83.985494	83.98064538740556
[mm] SIM translation stage offset	43	43.004843504196
[s] Observation start time (MET)	288212873.184000	288211911.1925
Observation start date	2007-02-18T19:06:48	2007-02-18T18:51:51
[s] Observation end time (MET)	288215373.184000	288216399.66771
Observation end date	2007-02-18T19:48:28	2007-02-18T20:06:39

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

2.3 Aspect



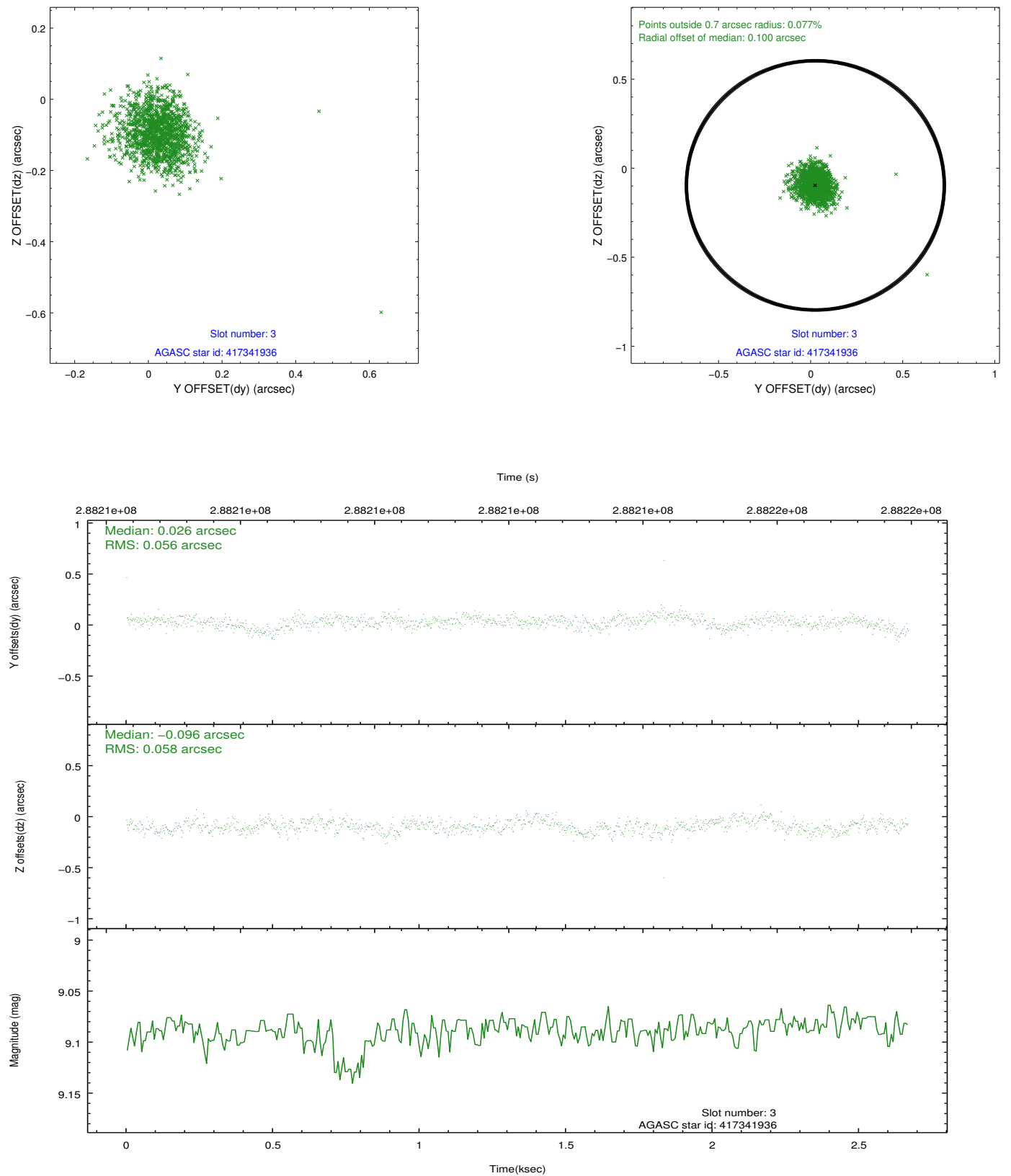


Slot Statistics

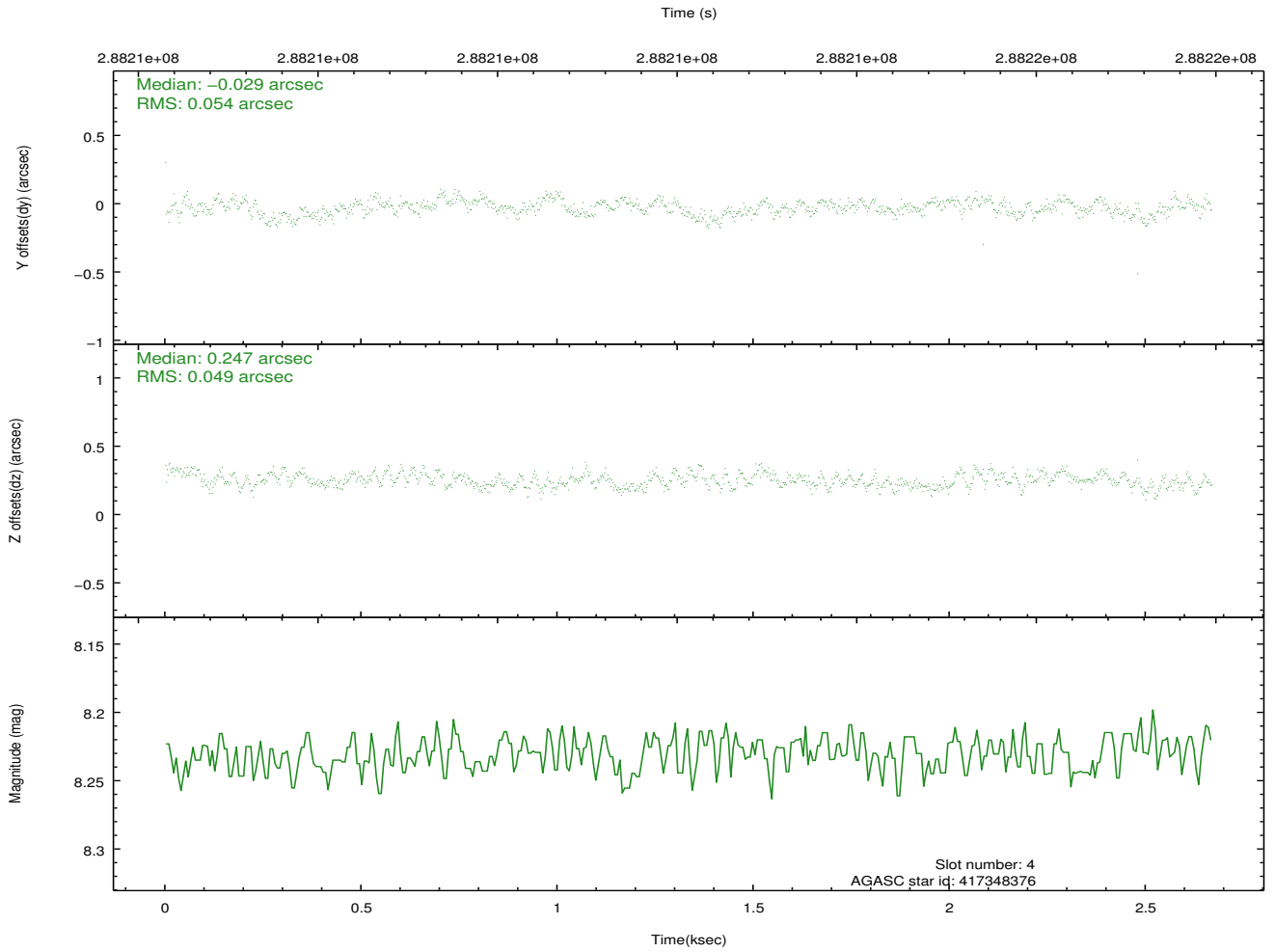
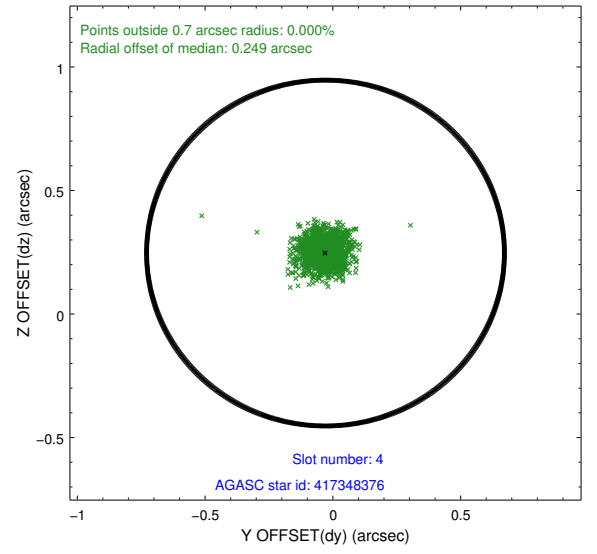
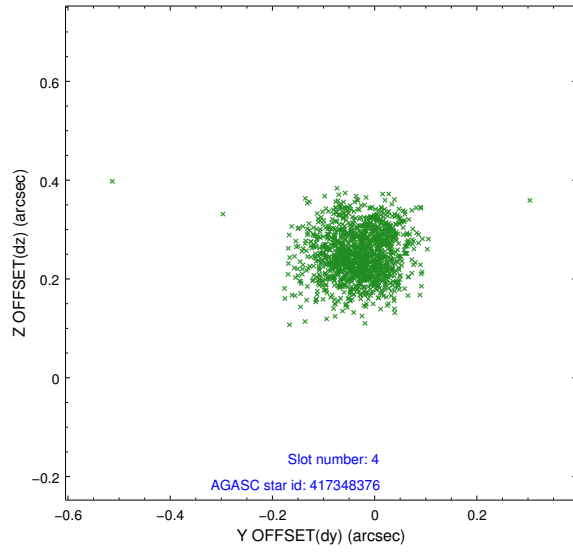
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	651	0.053	-0.182	0.009	0.018	0.000000	0.000000	-770.88	-423.79
1	FID	HRC-I-2	7.12	651	-0.211	0.272	0.008	0.014	0.000000	0.000000	837.80	-420.60
2	FID	HRC-I-3	7.05	651	0.278	-0.176	0.007	0.011	0.000000	0.000000	-1200.75	1884.73
3	GUIDE	417341936	9.09	1302	0.026	-0.096	0.081	0.135	326.275716	38.441212	416.55	447.83
4	GUIDE	417348376	8.23	1302	-0.029	0.247	0.077	0.122	325.737694	38.184491	-1207.73	-277.37
5	GUIDE	417351928	7.80	1299	-0.084	0.142	0.069	0.106	326.969486	38.210974	2261.93	-608.81
6	GUIDE	417348152	8.98	1301	0.058	-0.148	0.091	0.145	326.316862	38.327313	483.23	26.13
7	GUIDE	417340688	9.34	1301	0.028	-0.155	0.104	0.164	325.475551	38.907768	-1599.92	2400.06

2.4 Star Slots

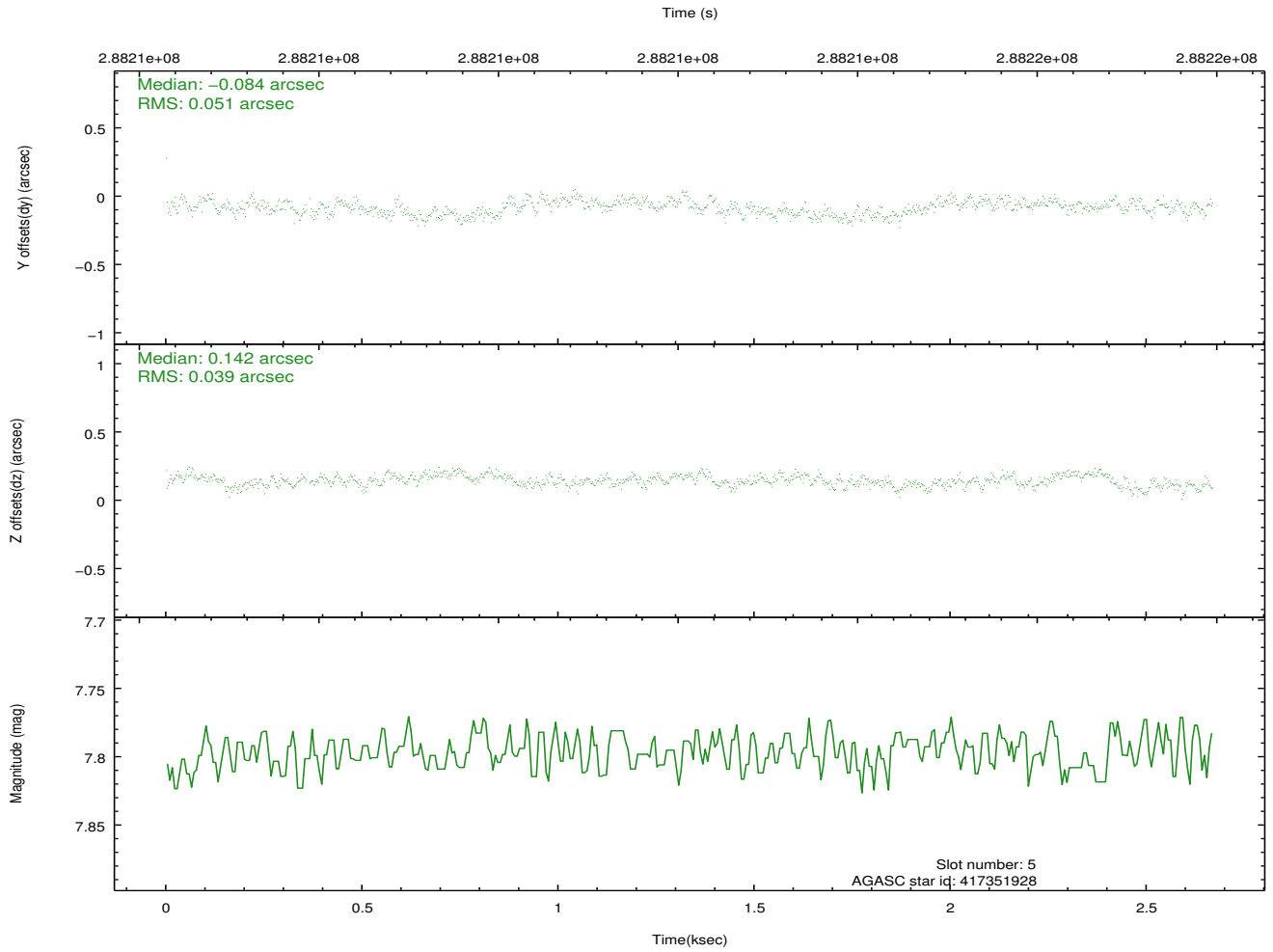
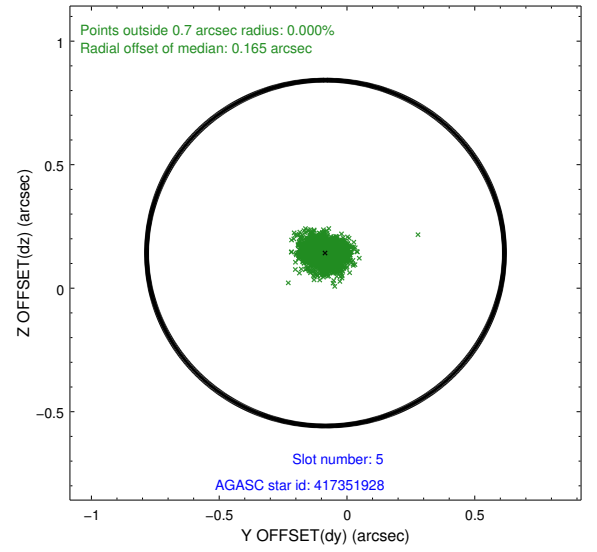
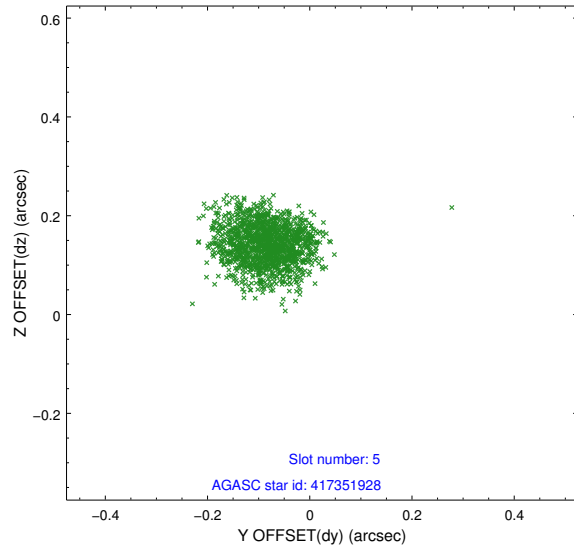
2.4.1 Slot 3



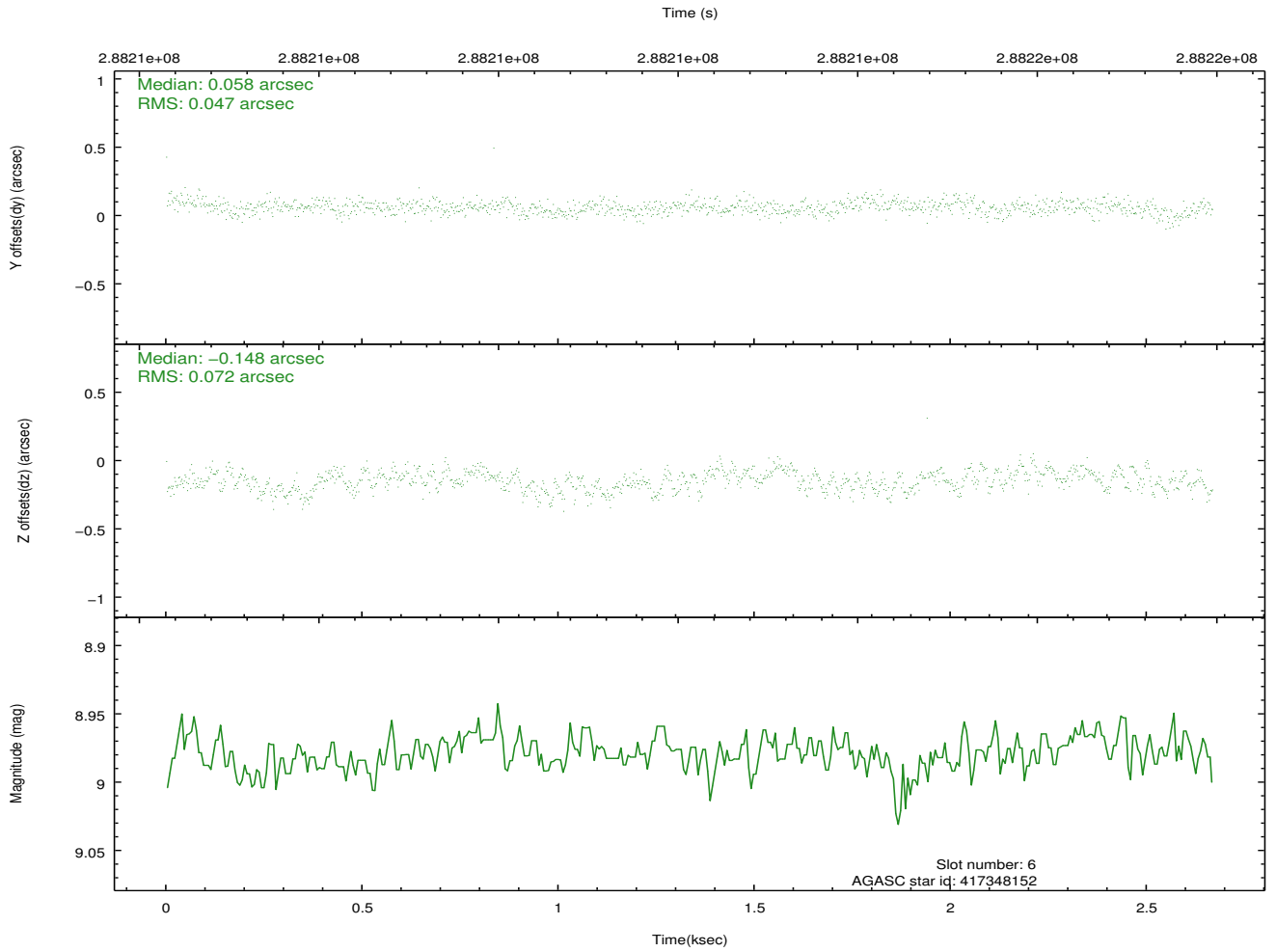
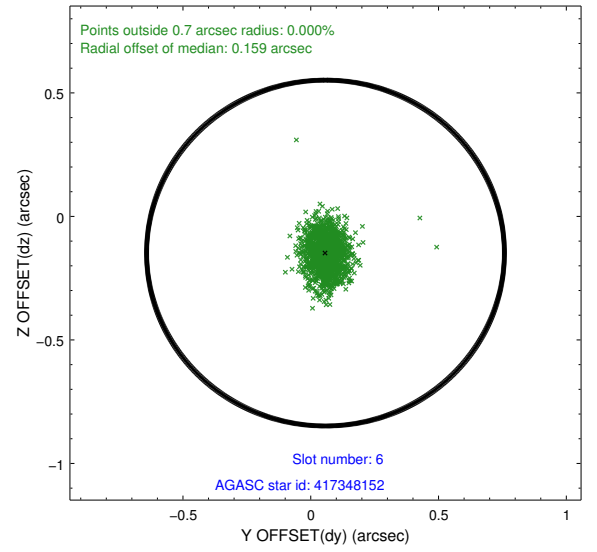
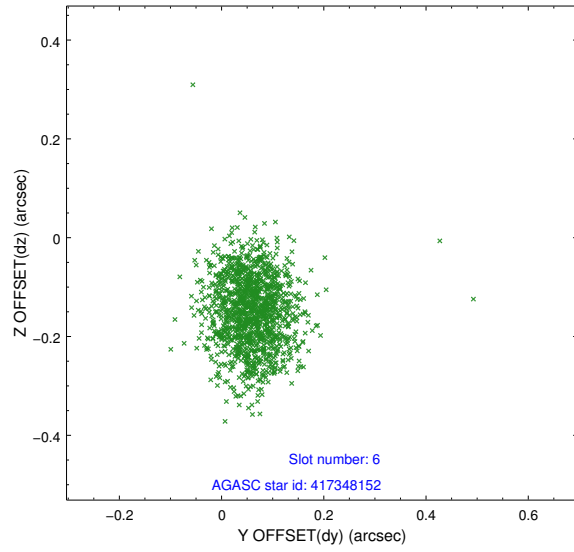
2.4.2 Slot 4



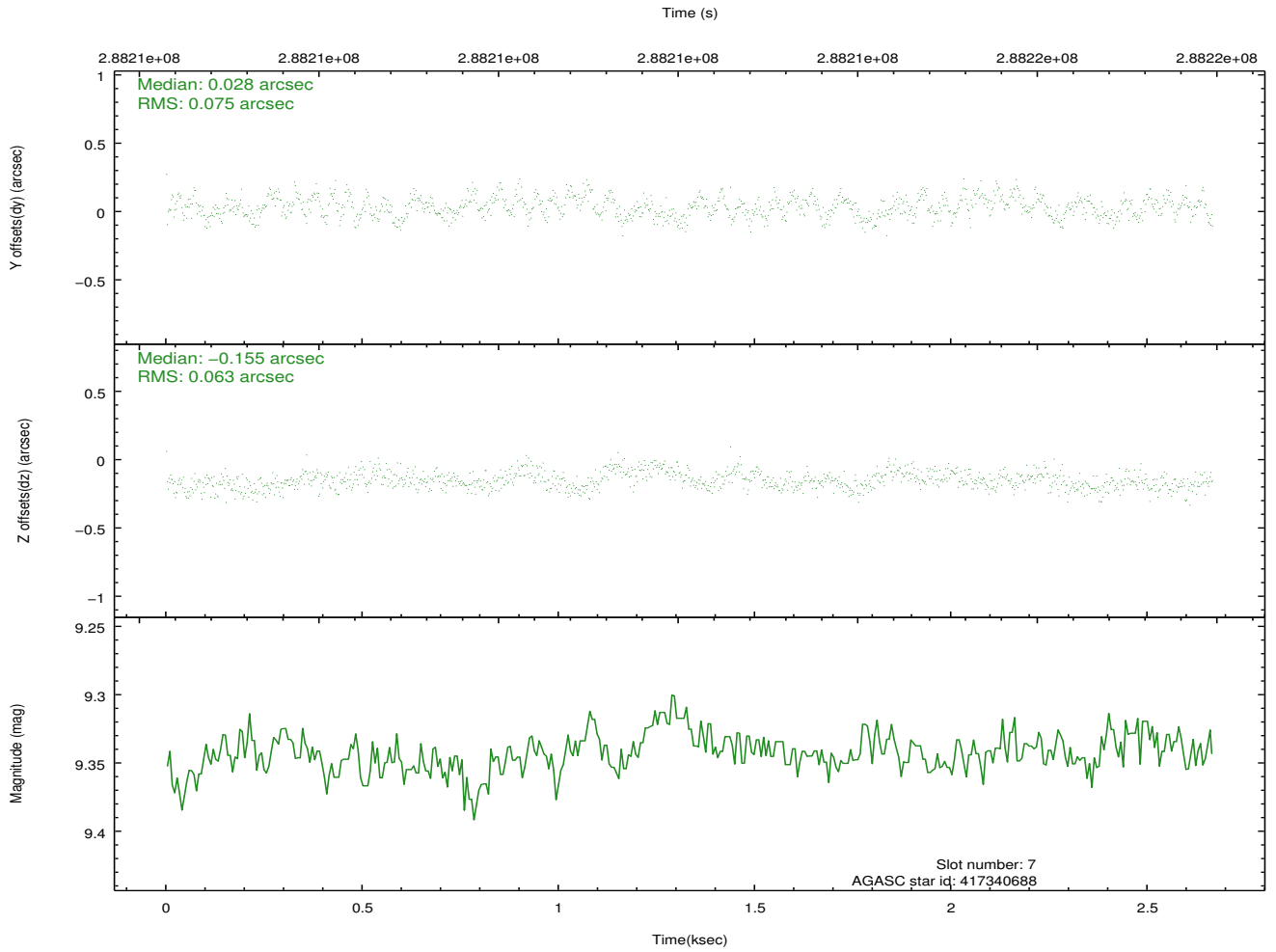
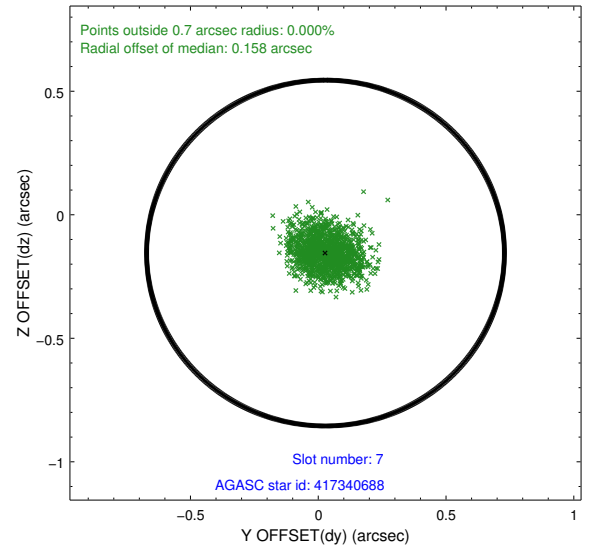
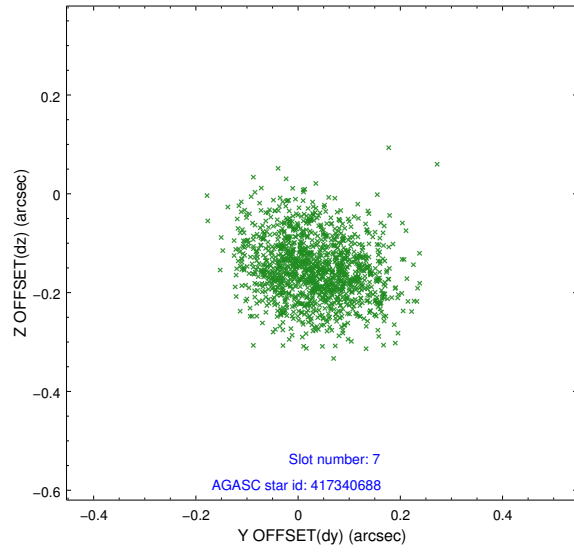
2.4.3 Slot 5



2.4.4 Slot 6

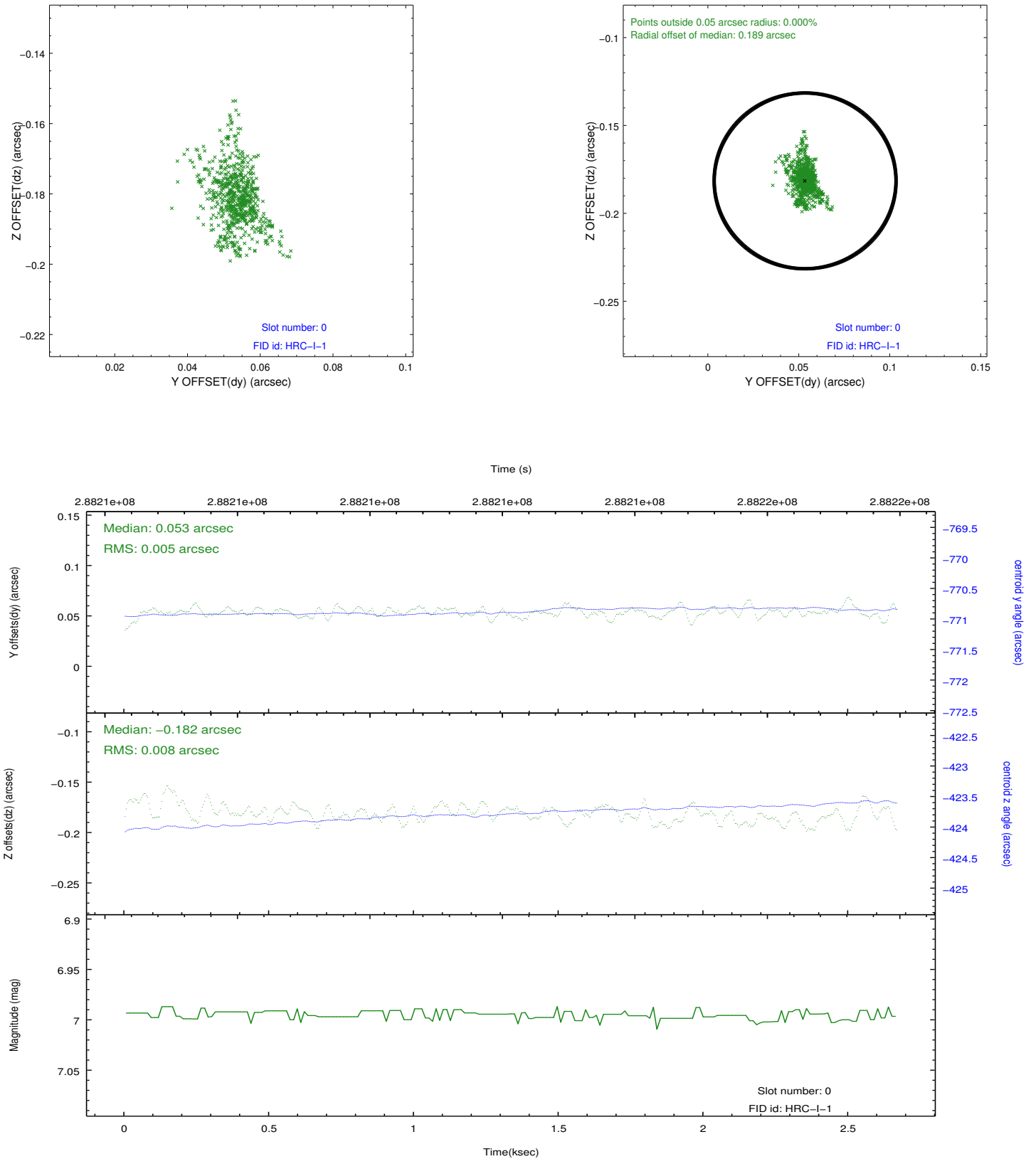


2.4.5 Slot 7

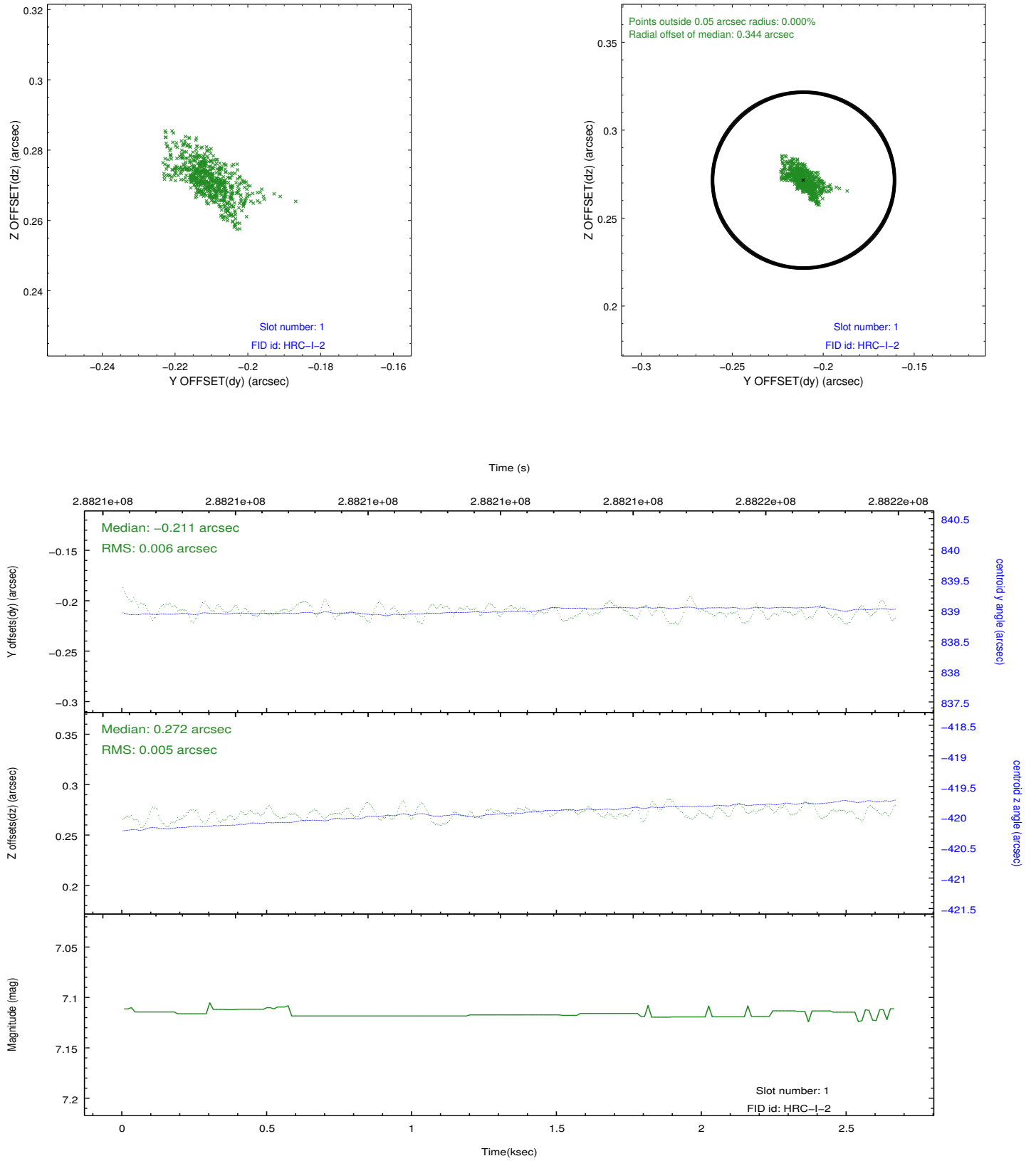


2.5 FID Slots

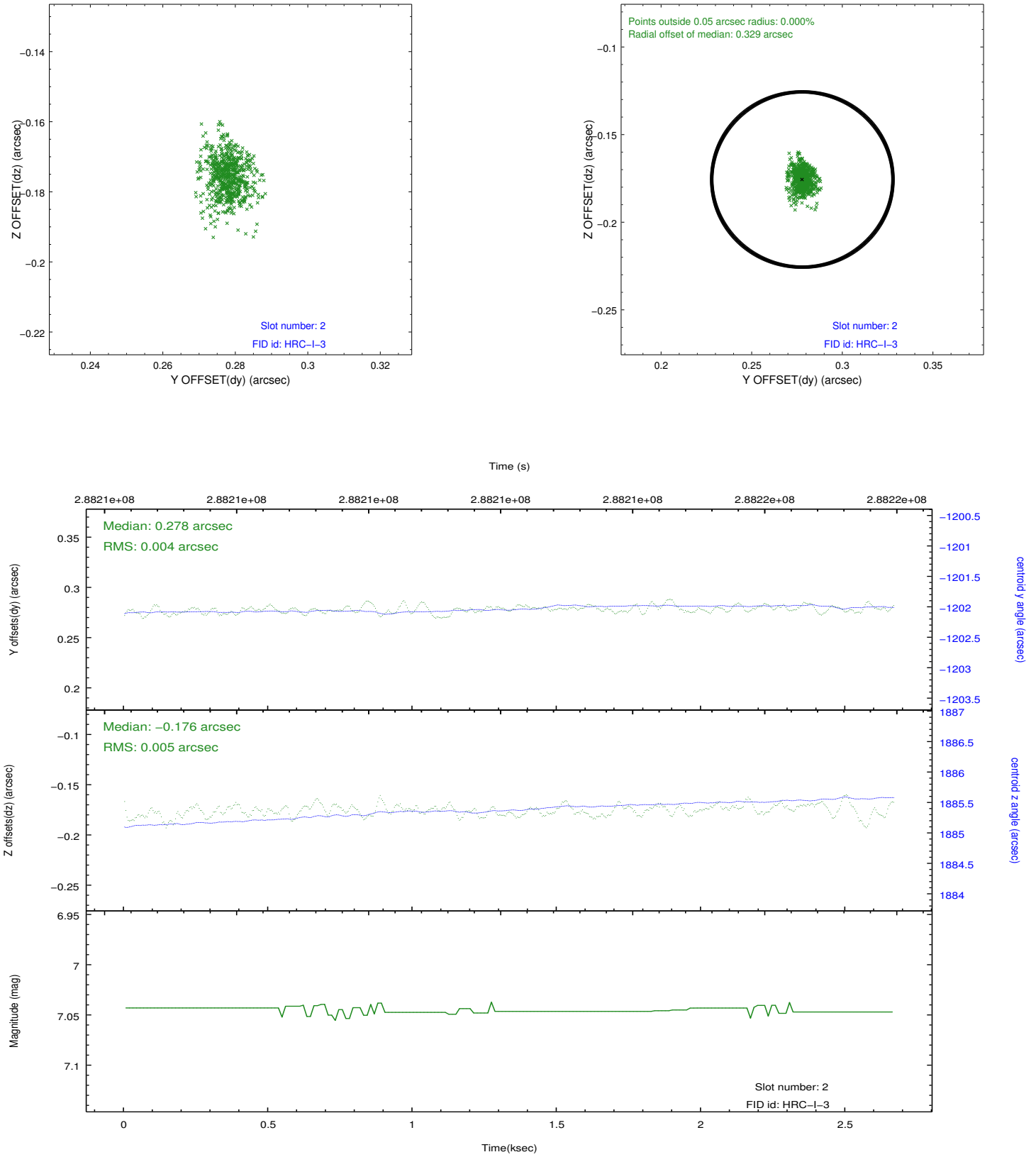
2.5.1 Slot 0



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	2.66576887

A.2 Comments