

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10574 - L2 Version 3
Chandra X-Ray Center

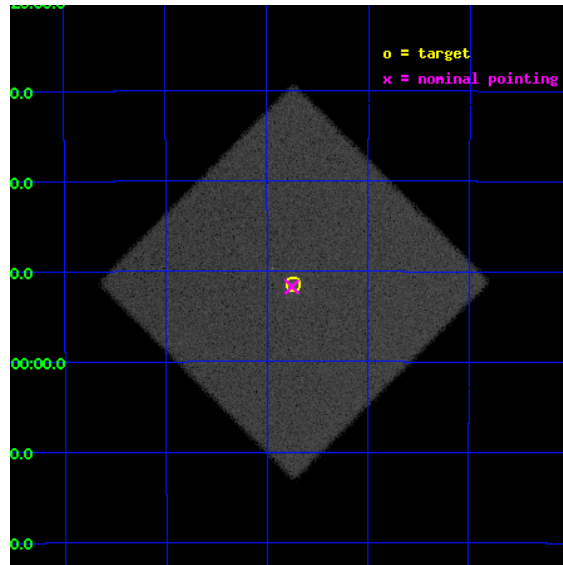
L2 Processing Date : Aug 12 2012

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1 Front

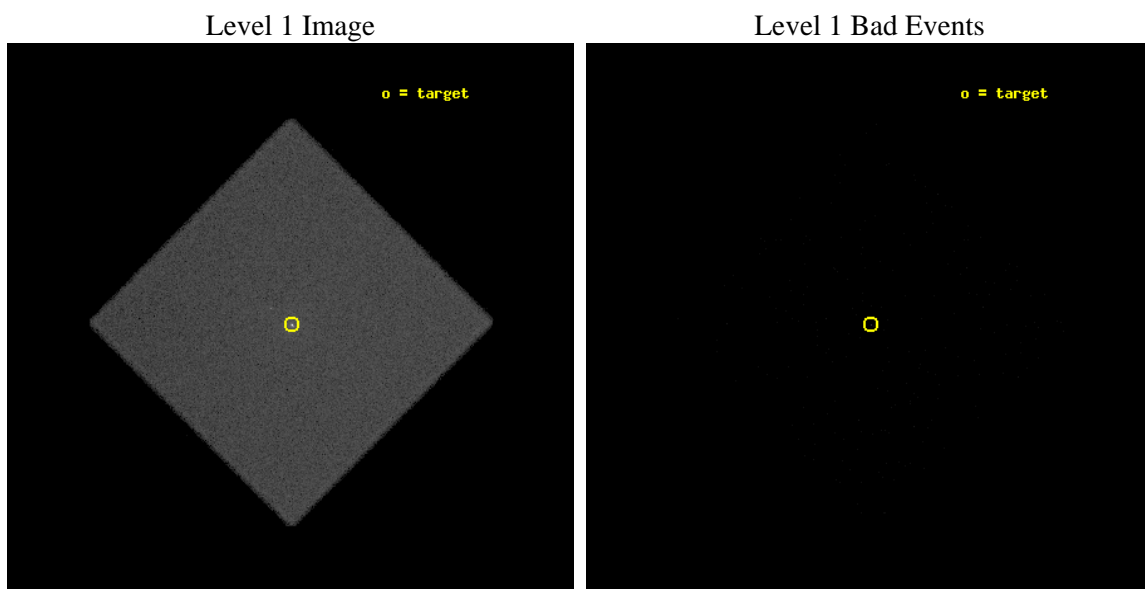
seq_num	401051	Sequence number
obs_id	10574	Observation id
title	Is XTE J1701-407 Extended?	Proposal title
observer	Prof. David Kaplan	Principal investigator
object	XTE J1701-407	Source name
ra_targ	255.434583	Observer's specified target RA [deg]
dec_targ	-40.858306	Observer's specified target Dec [deg]
ra_nom	255.43823436671	Nominal RA [deg]
dec_nom	-40.862043183515	Nominal Dec [deg]
roll_nom	269.90688051465	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5162.9252535105	[s]
livetime	5106.1254754829	Ontime multiplied by DTCOR
l2events	345357	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5162.9252535105	[s]
caldbver	4.5.1.1	 	l1events	594191	Number of level 1 events
date	2012-08-12T15:49:29	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

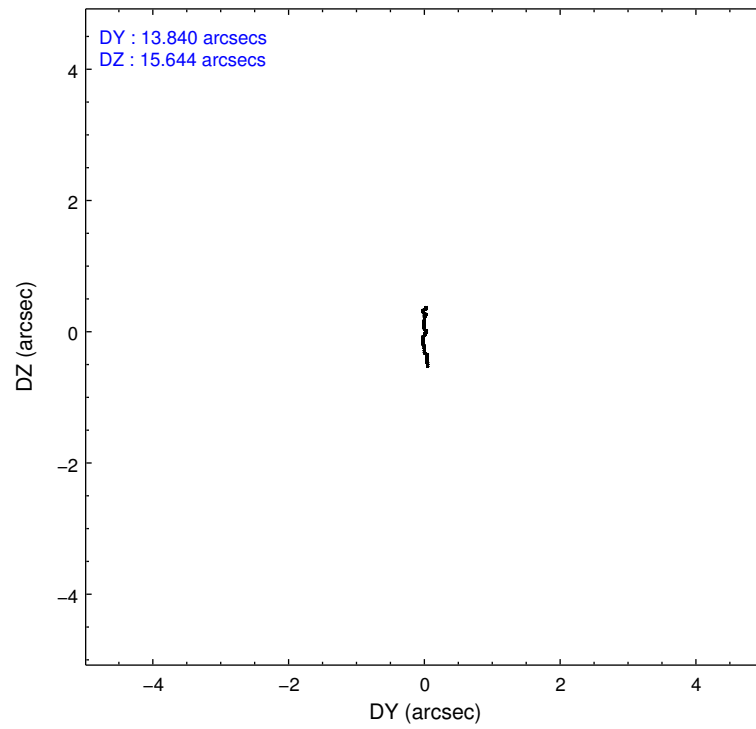
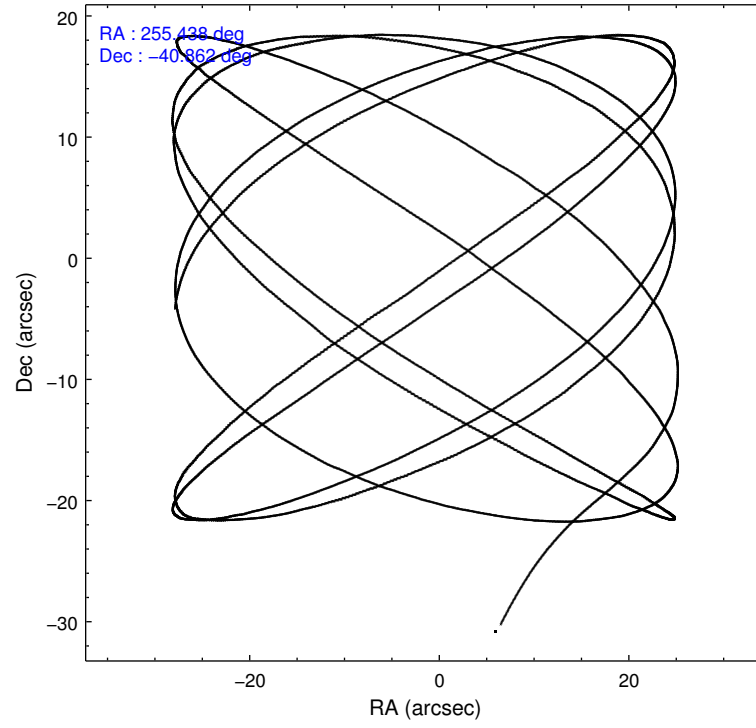
Level 1 Events

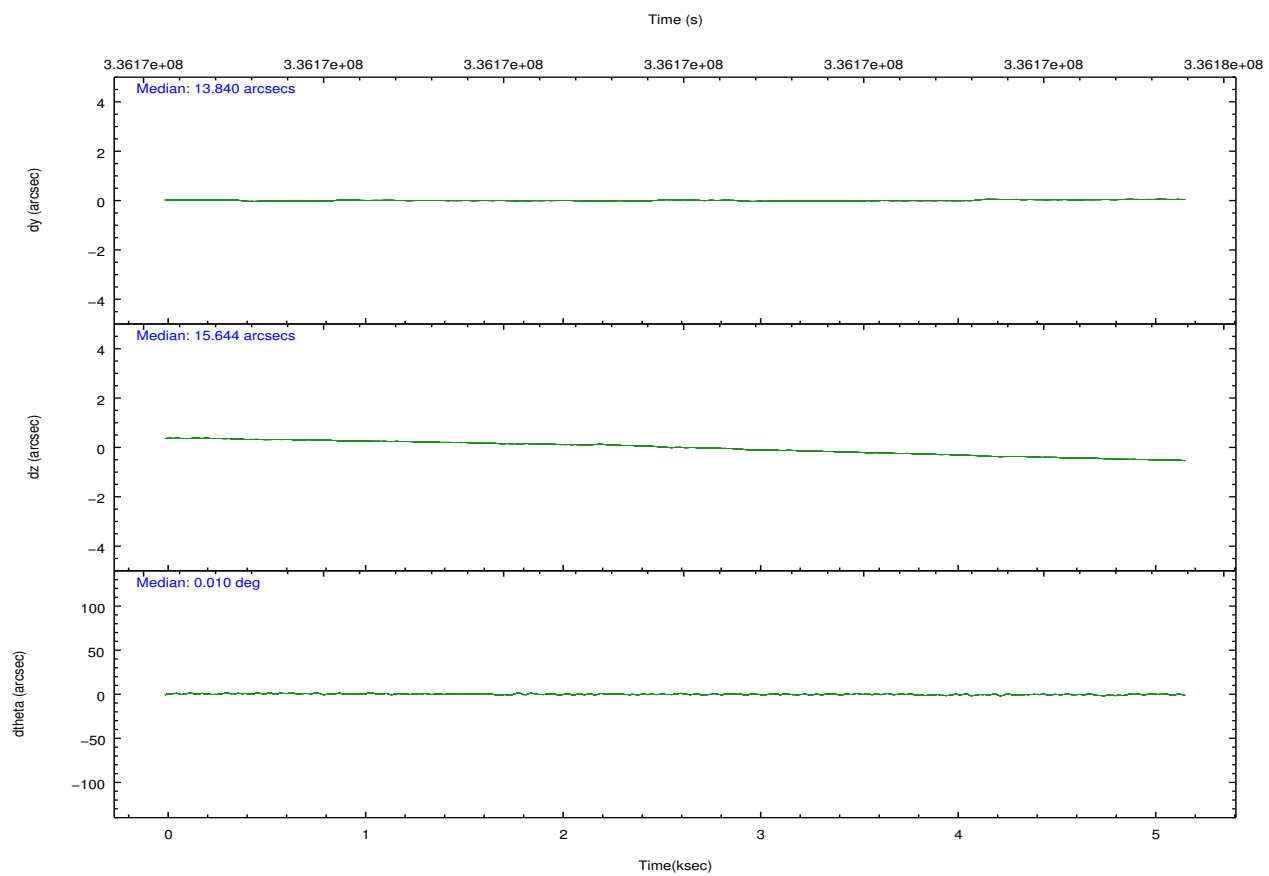
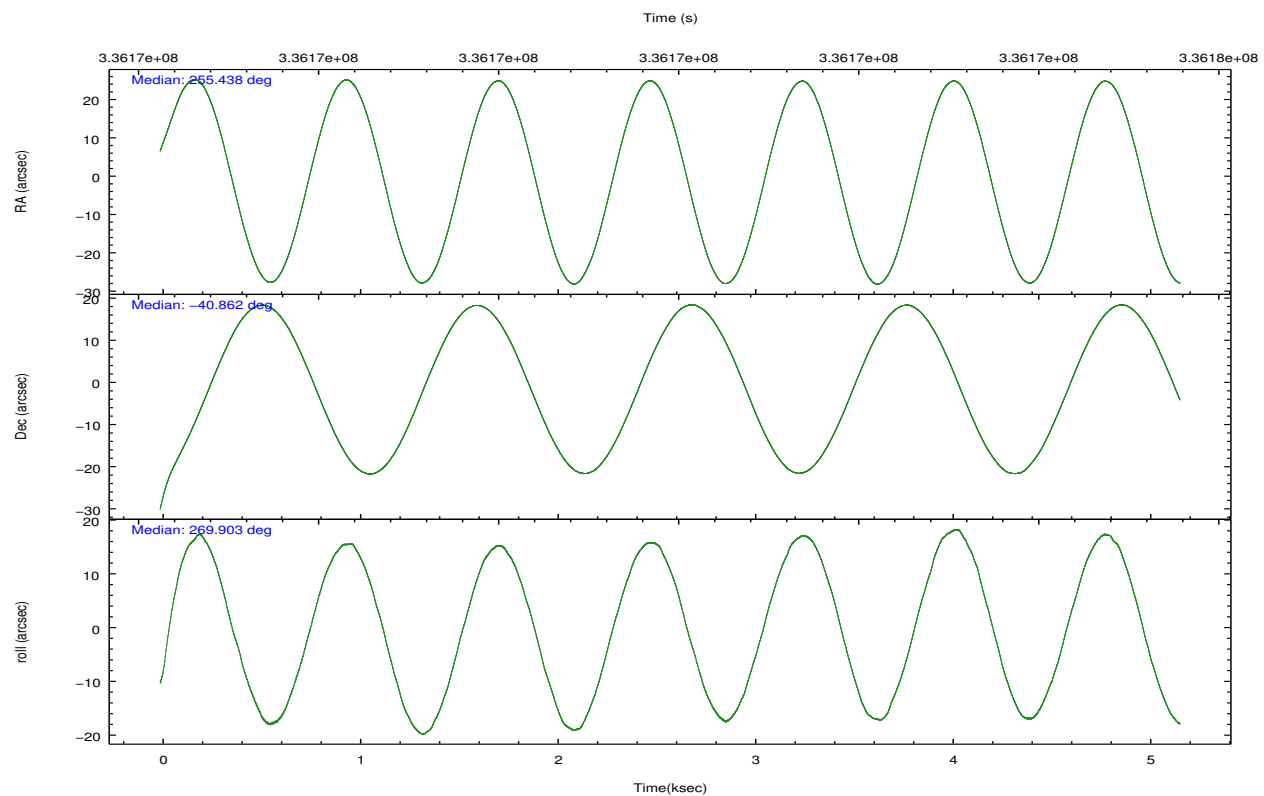
	segment 0
level 1 events	594191
rejected events	92401
rejected %	15%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	255.419380	255.4382343667087			
[deg] Pointing Dec	-40.838973	-40.86204318351525			
[deg] Pointing Roll	269.990053	269.9068805146467			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	336169525.184000	336168449.90602			
Observation start date	2008-08-26T20:24:20	2008-08-26T20:07:29			
[s] Observation end time (MET)	336174525.184000	336175776.09388			
Observation end date	2008-08-26T21:47:40	2008-08-26T22:09:36			

2.3 Aspect



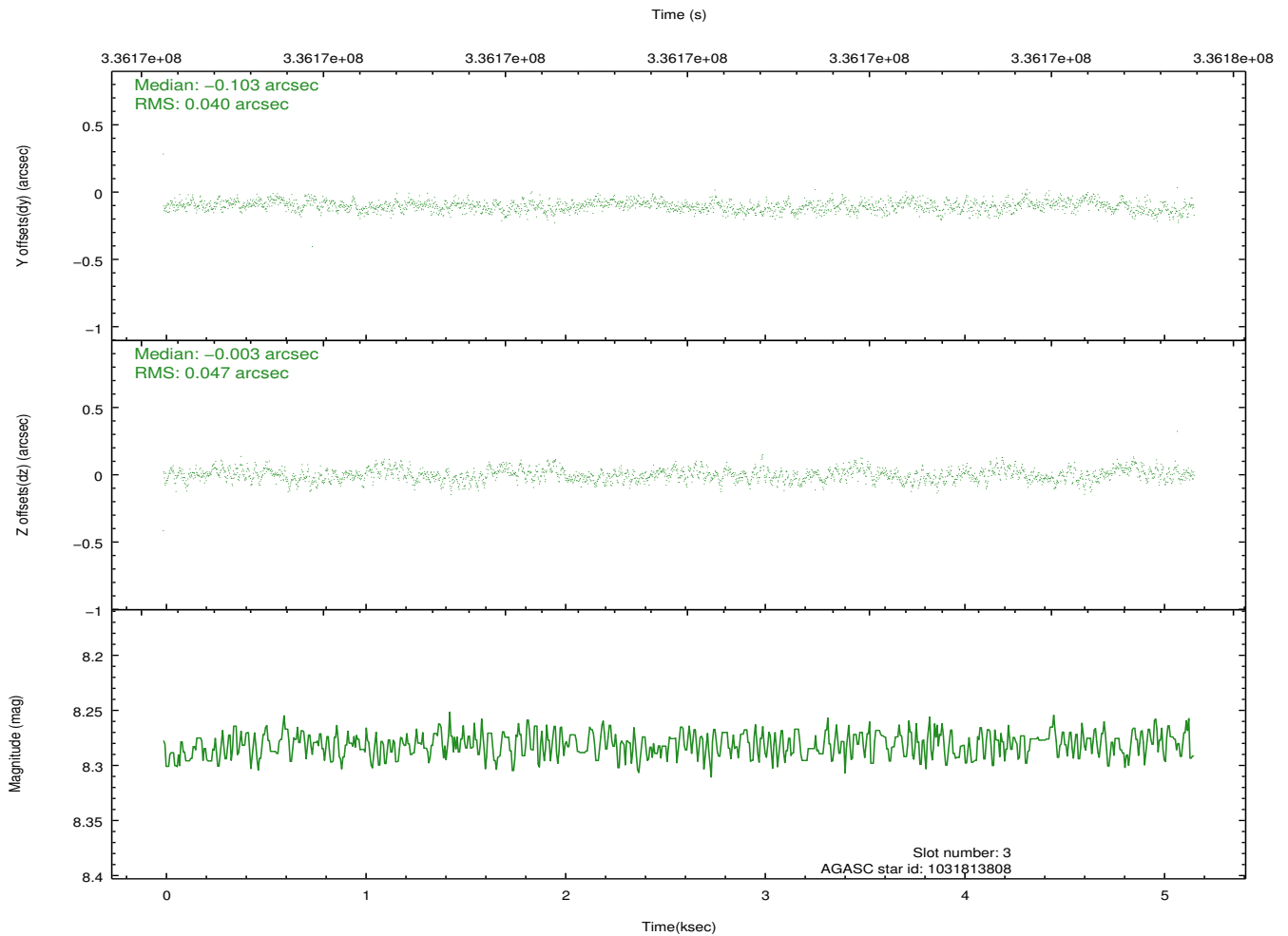
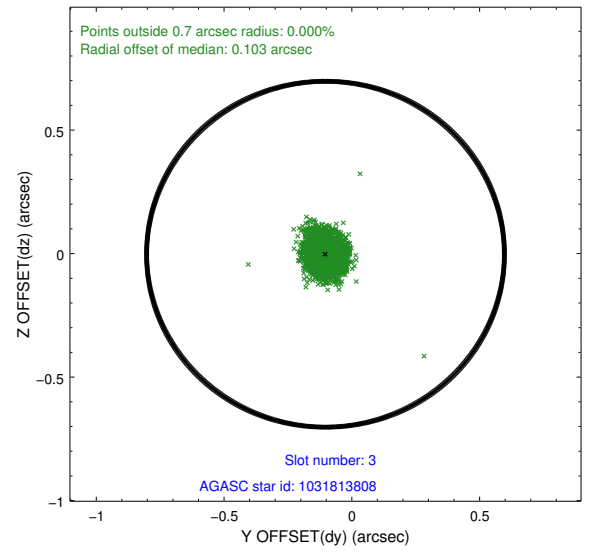
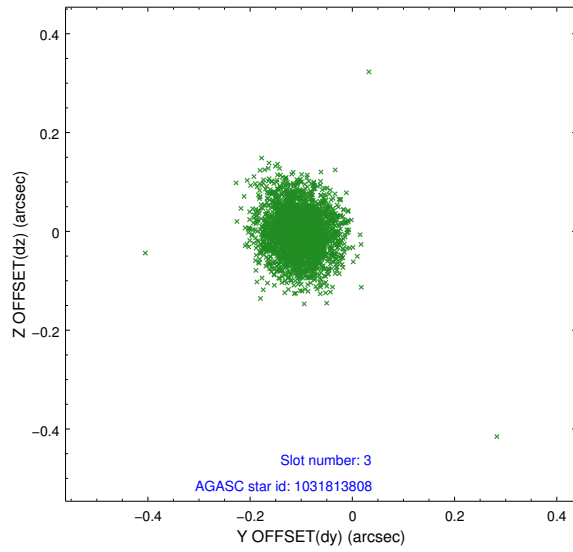


Slot Statistics

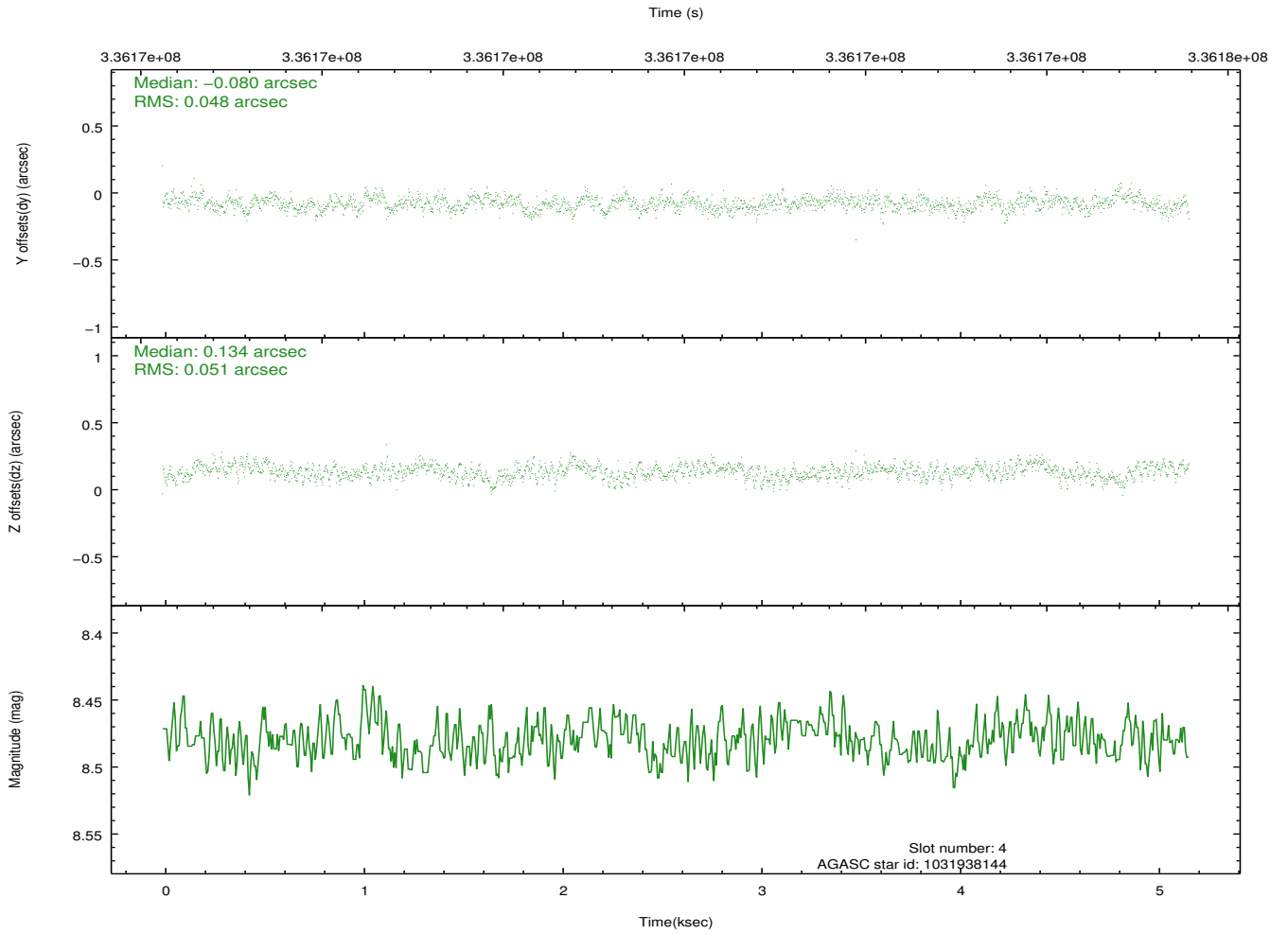
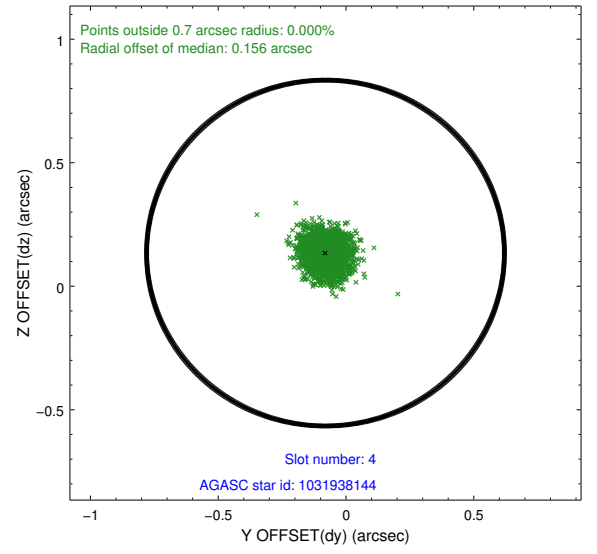
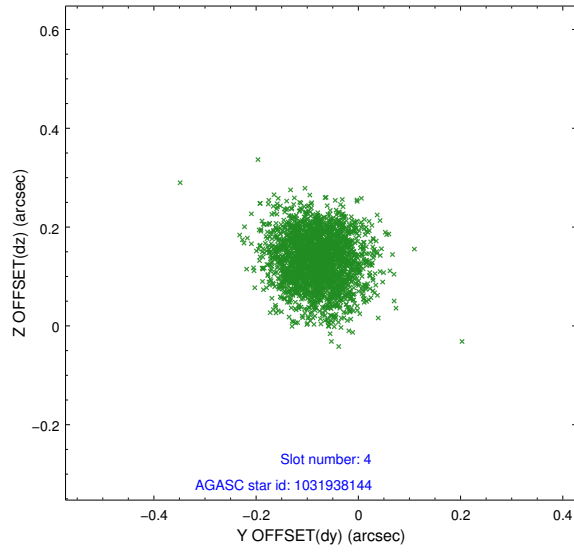
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	1259	-0.006	-0.076	0.009	0.013	0.000000	0.000000	-769.65	-1303.77
1	FID	HRC-I-3	7.11	1260	-0.093	-0.031	0.011	0.016	0.000000	0.000000	-1198.78	999.82
2	FID	HRC-I-4	7.05	1260	0.213	0.018	0.007	0.012	0.000000	0.000000	1272.46	999.24
3	GUIDE	1031813808	8.28	2520	-0.103	-0.003	0.065	0.104	254.789150	-40.300097	-1932.32	-1731.22
4	GUIDE	1031938144	8.48	2518	-0.080	0.134	0.074	0.121	255.693343	-40.912652	266.58	744.51
5	GUIDE	1032338512	8.42	2517	0.281	-0.014	0.084	0.132	254.833160	-41.405214	2045.95	-1582.60
6	GUIDE	1032340744	7.93	2520	0.241	-0.042	0.075	0.123	254.712738	-41.416040	2087.90	-1908.35
7	GUIDE	1031802376	6.92	2519	-0.335	-0.073	0.062	0.099	254.526844	-40.352616	-1736.49	-2450.35

2.4 Star Slots

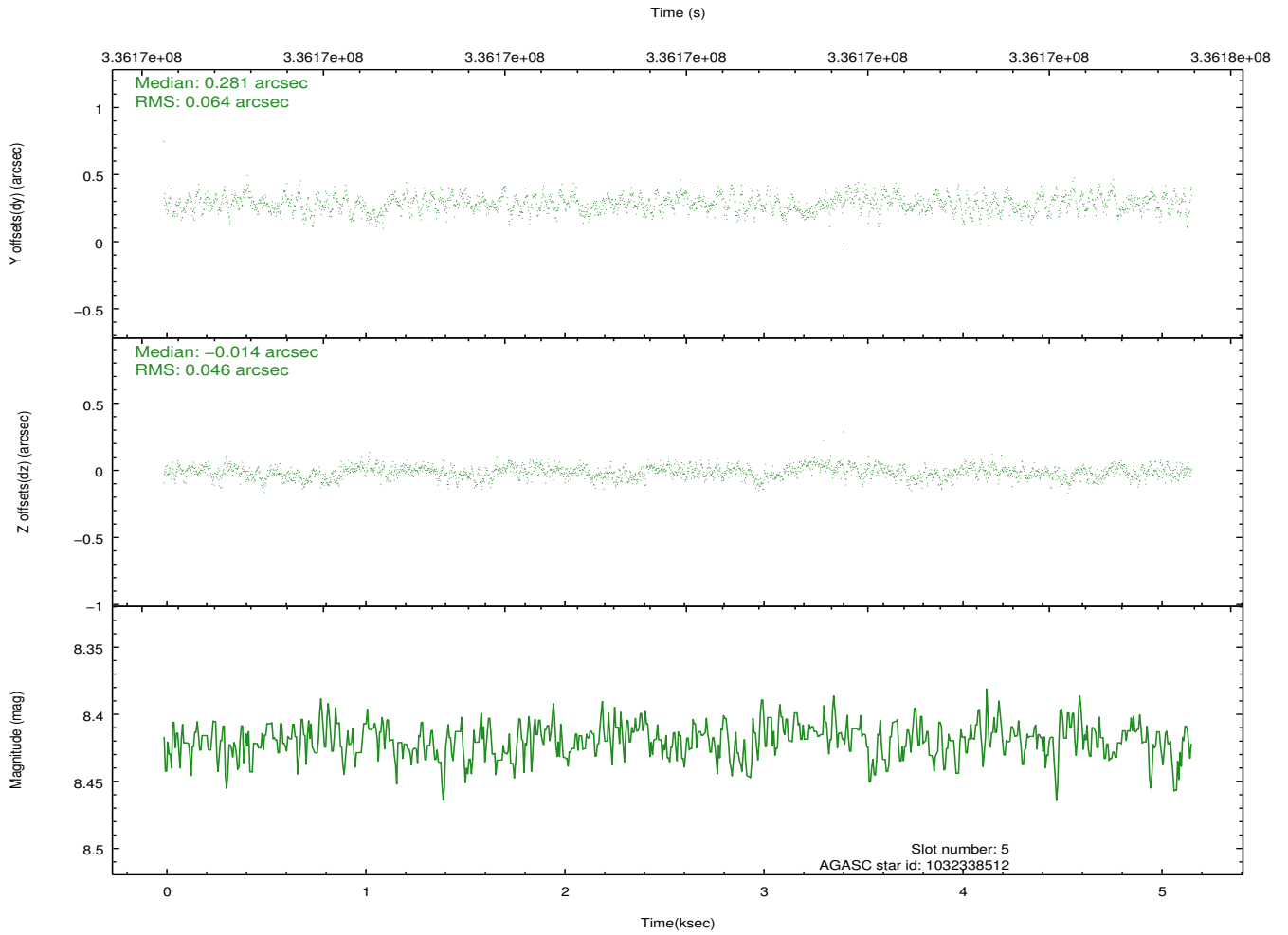
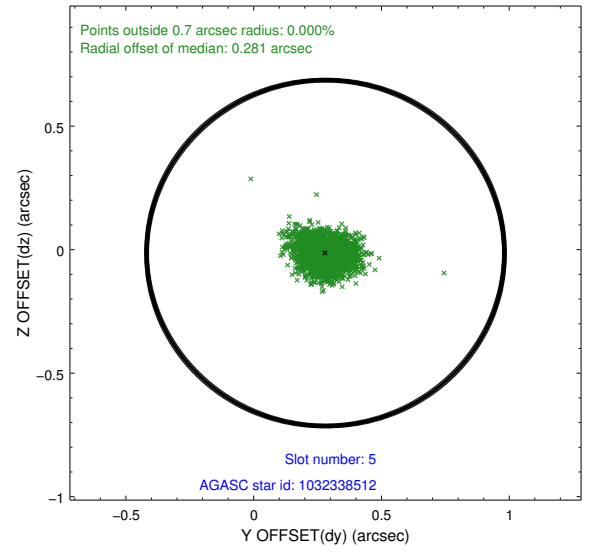
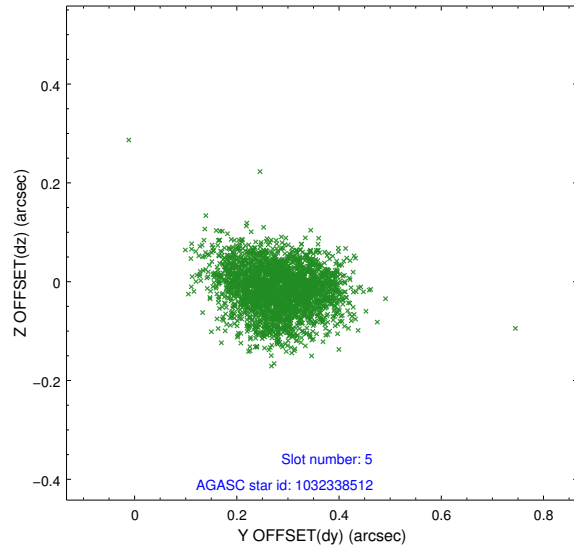
2.4.1 Slot 3



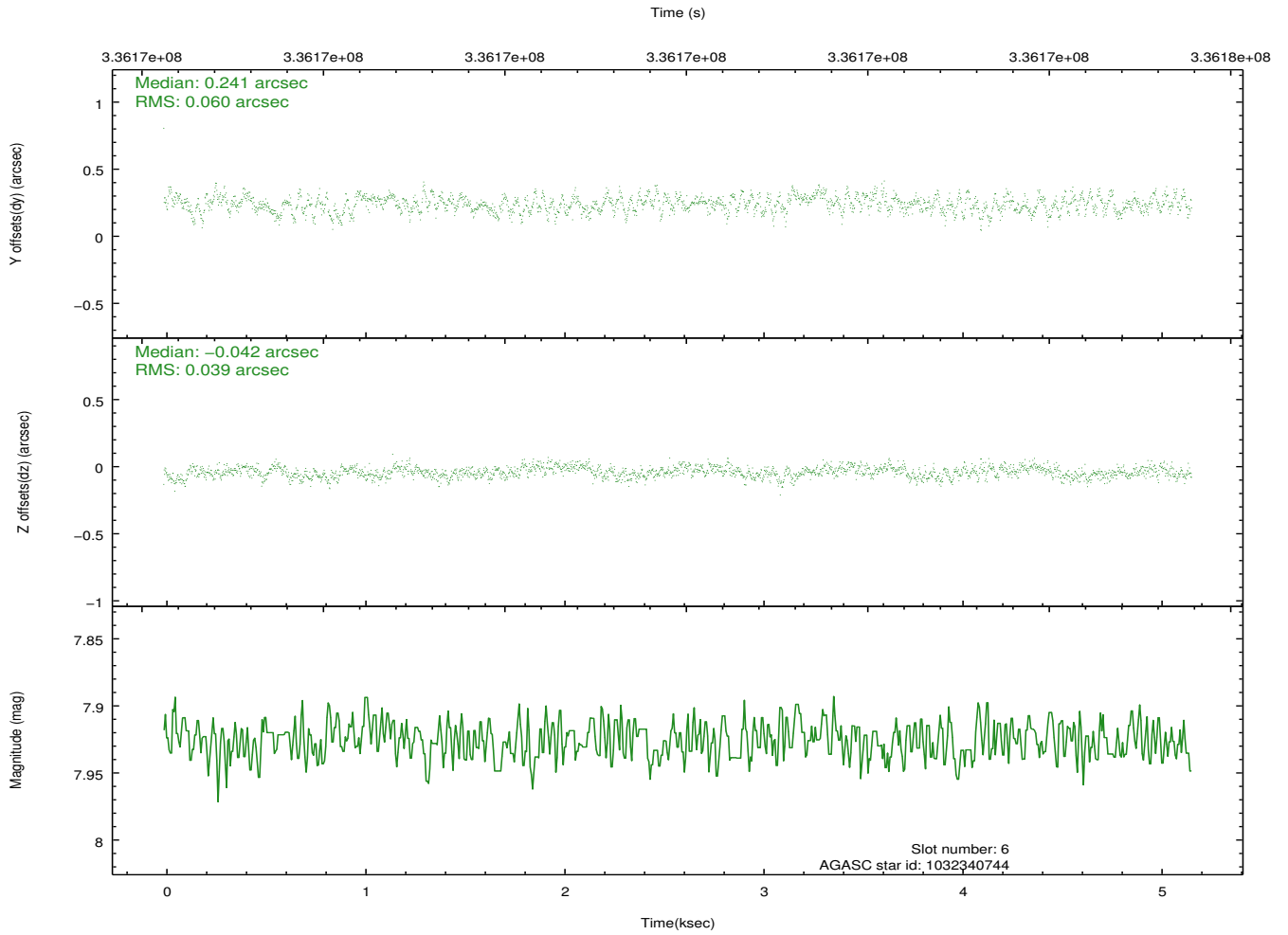
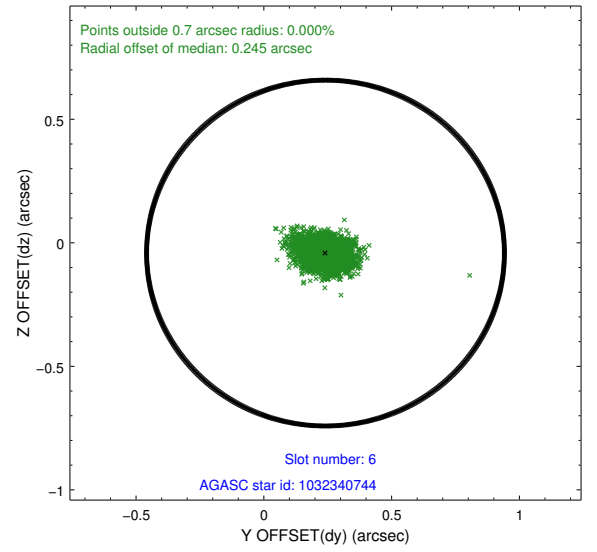
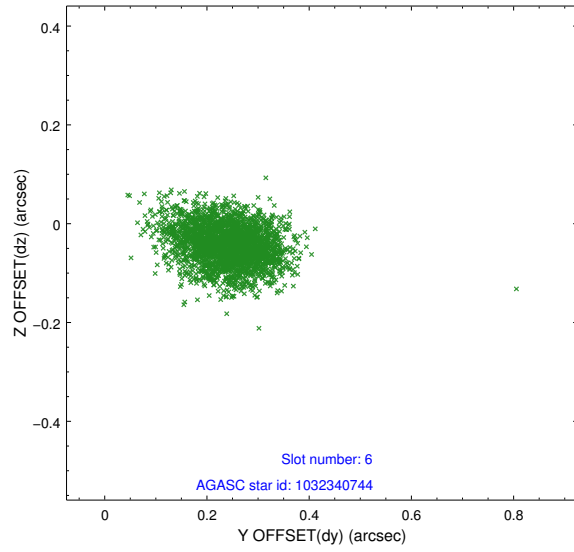
2.4.2 Slot 4



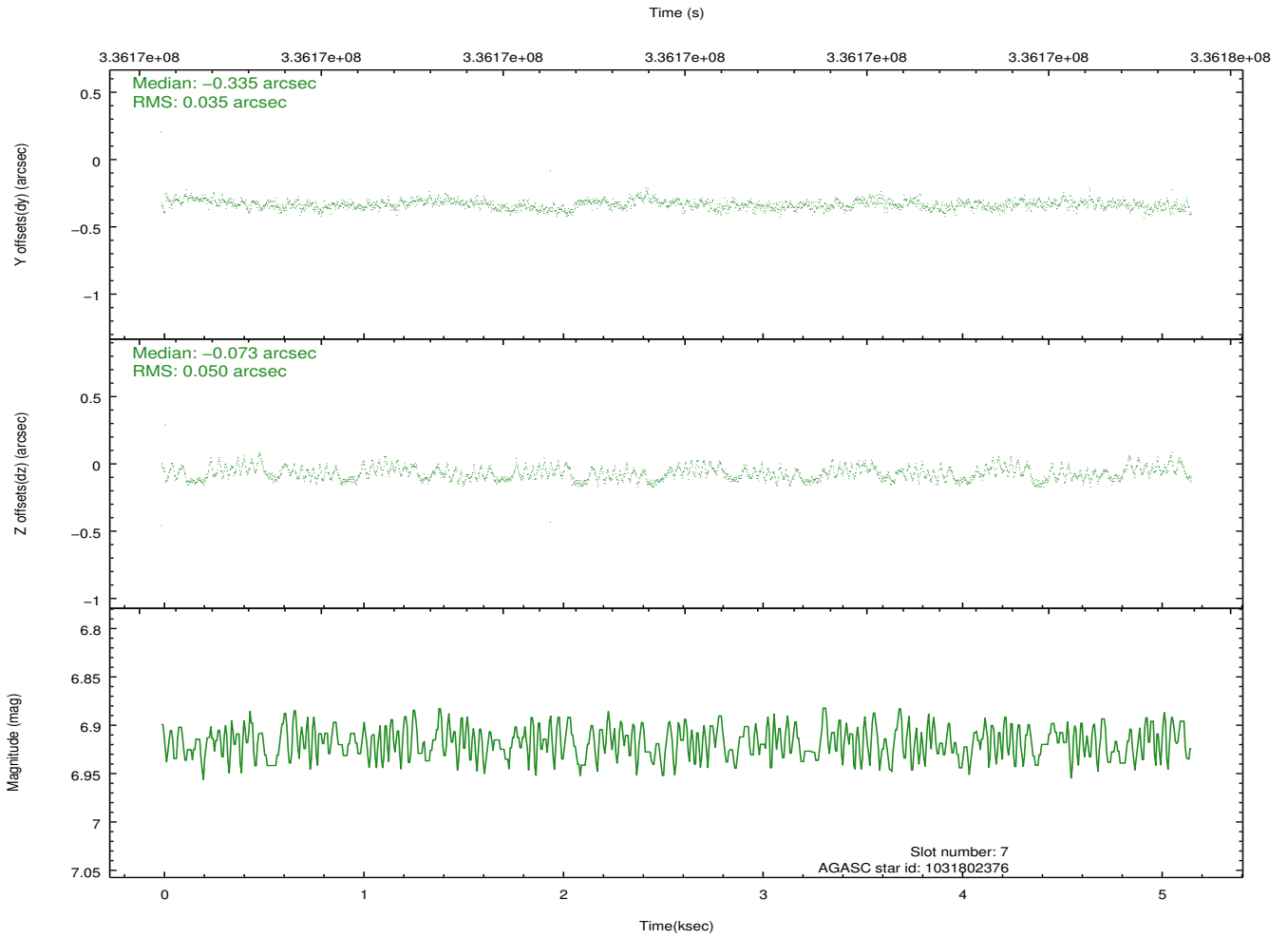
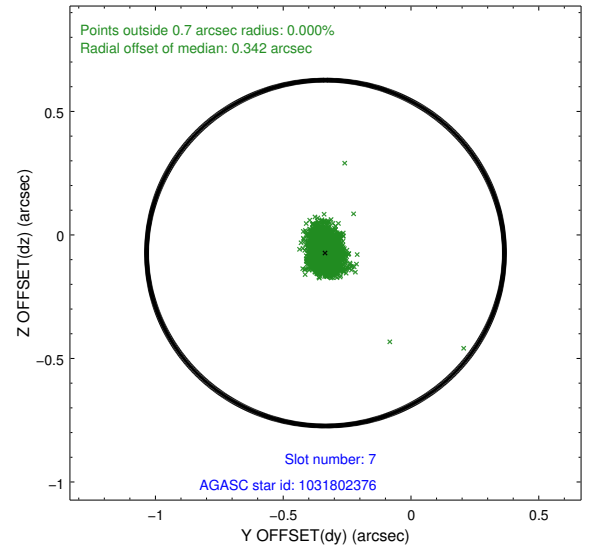
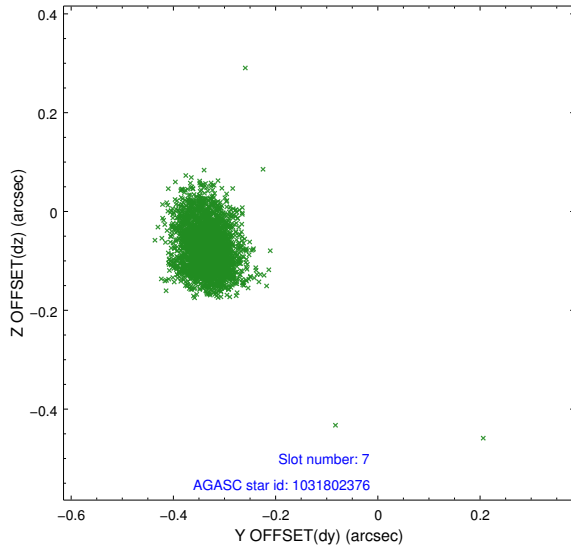
2.4.3 Slot 5



2.4.4 Slot 6

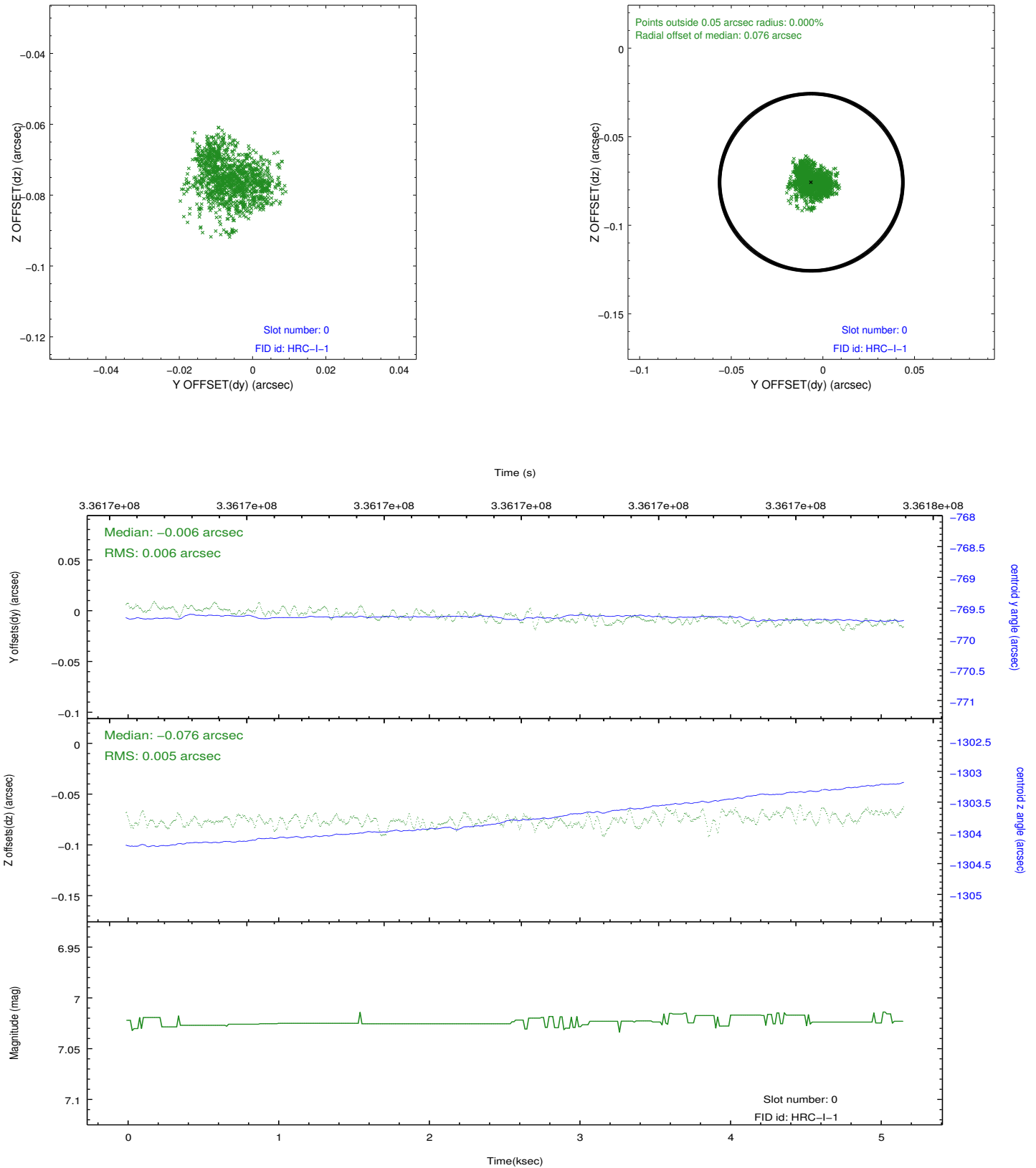


2.4.5 Slot 7

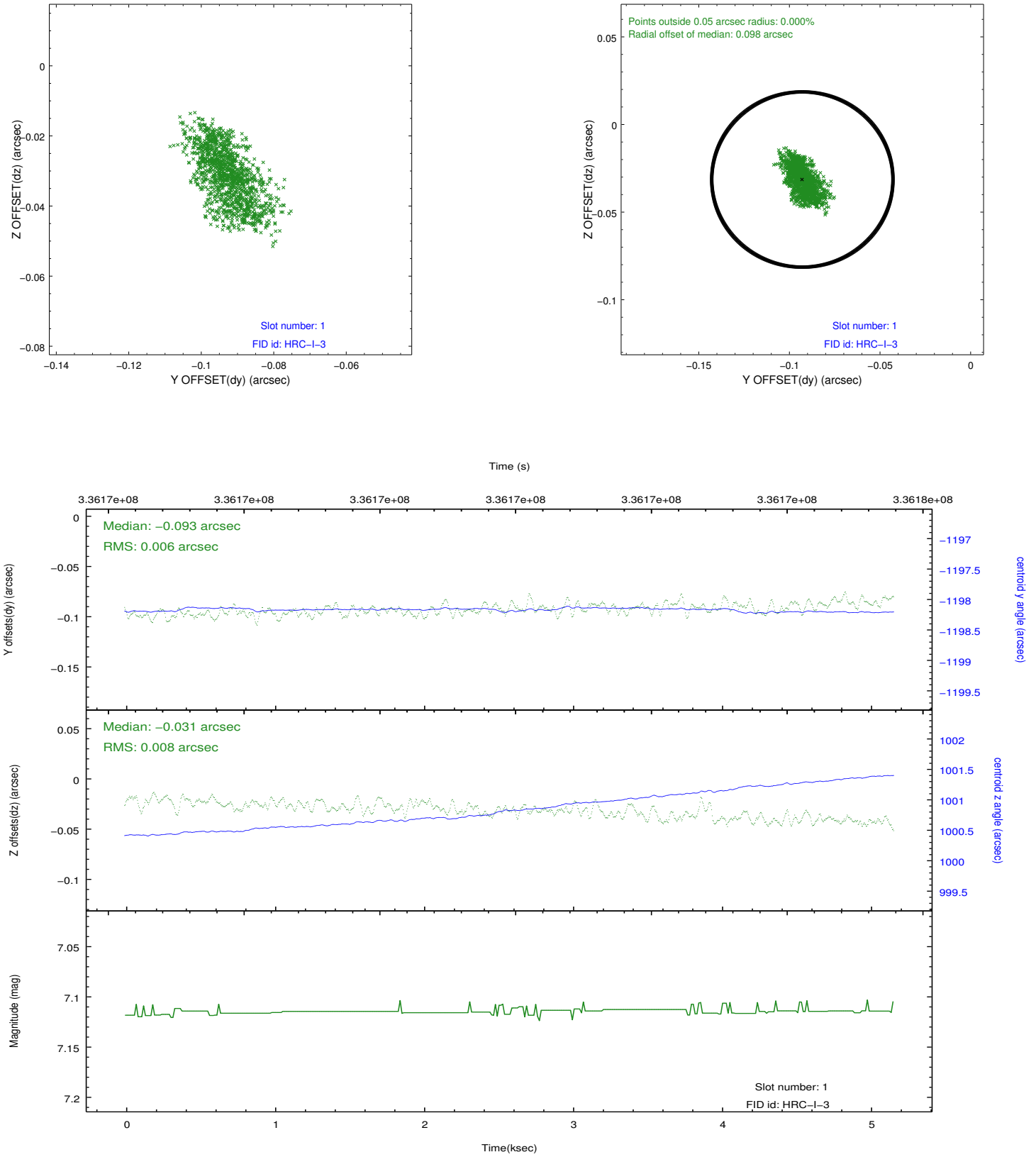


2.5 FID Slots

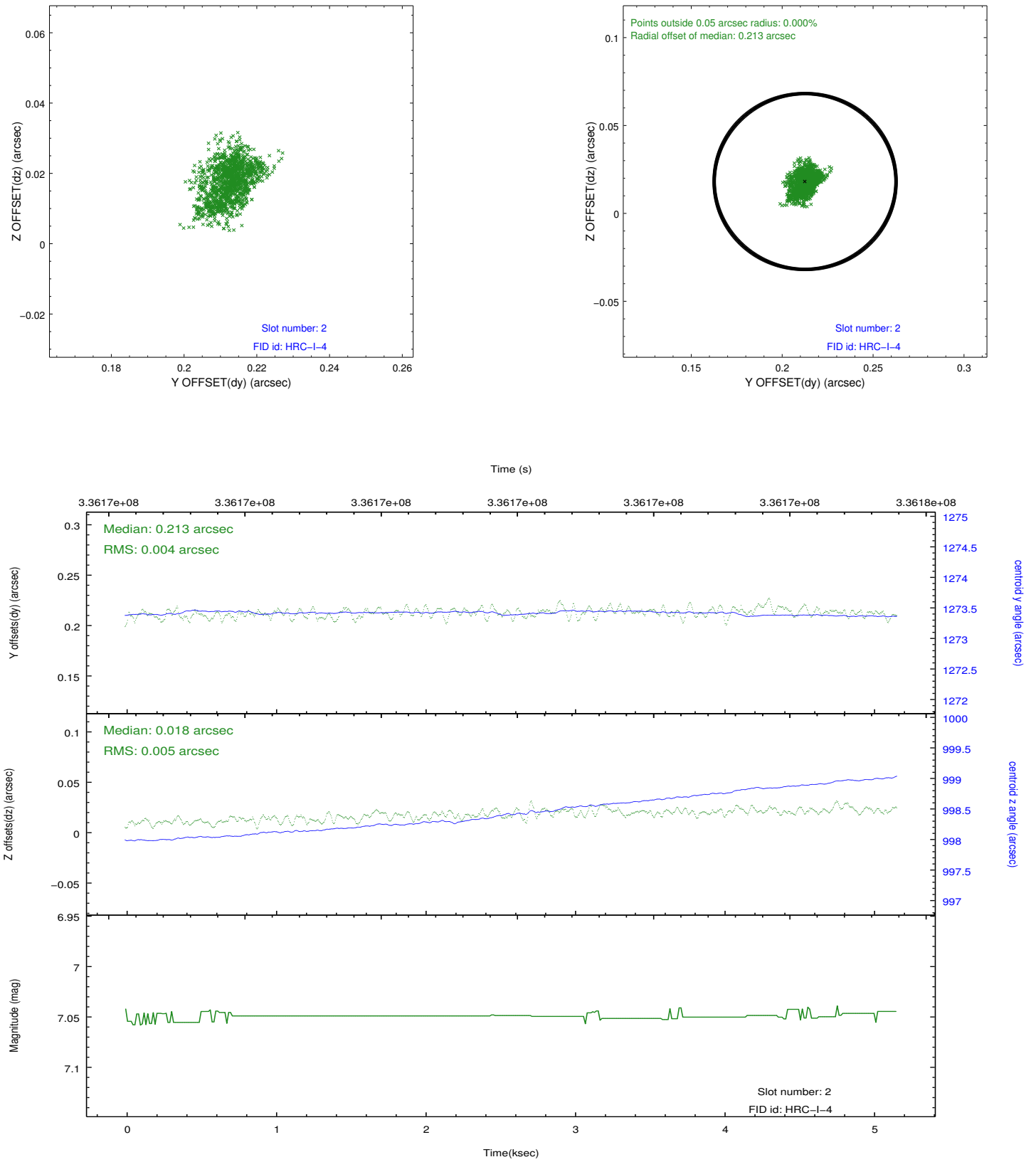
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.162669

A.2 Comments