

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 260 - L2 Version 6
Chandra X-Ray Center

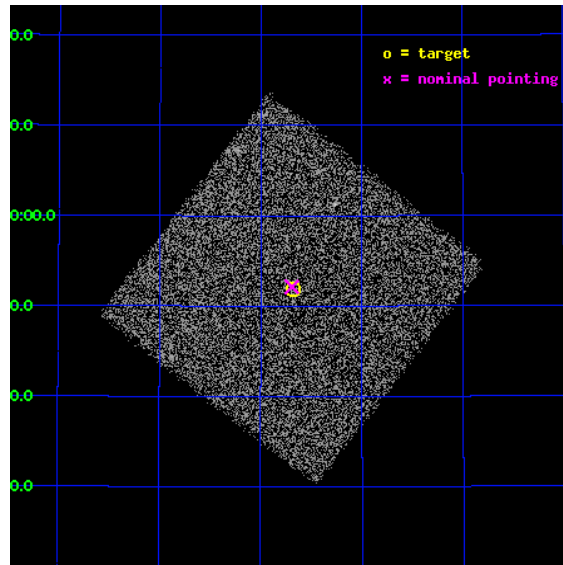
L2 Processing Date : Aug 28 2012

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1 Front

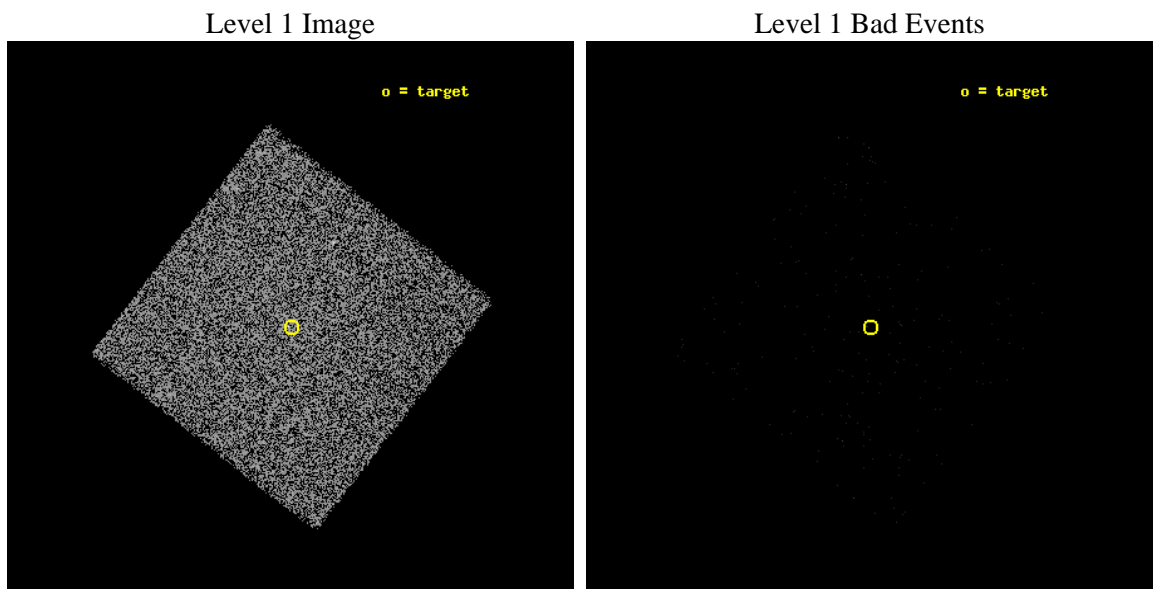
seq_num	600020	Sequence number
obs_id	260	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - South 1	Source name
ra_targ	10.67	Observer's specified target RA [deg]
dec_targ	40.865	Observer's specified target Dec [deg]
ra_nom	10.672727456261	Nominal RA [deg]
dec_nom	40.868954642801	Nominal Dec [deg]
roll_nom	82.895467286849	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1214.8812946975	[s]
livetime	1209.2305480364	Ontime multiplied by DTCOR
l2events	28073	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	1214.8812946975	[s]
caldbver	4.5.1.1	 	l1events	53042	Number of level 1 events
date	2012-08-28T04:39:46	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

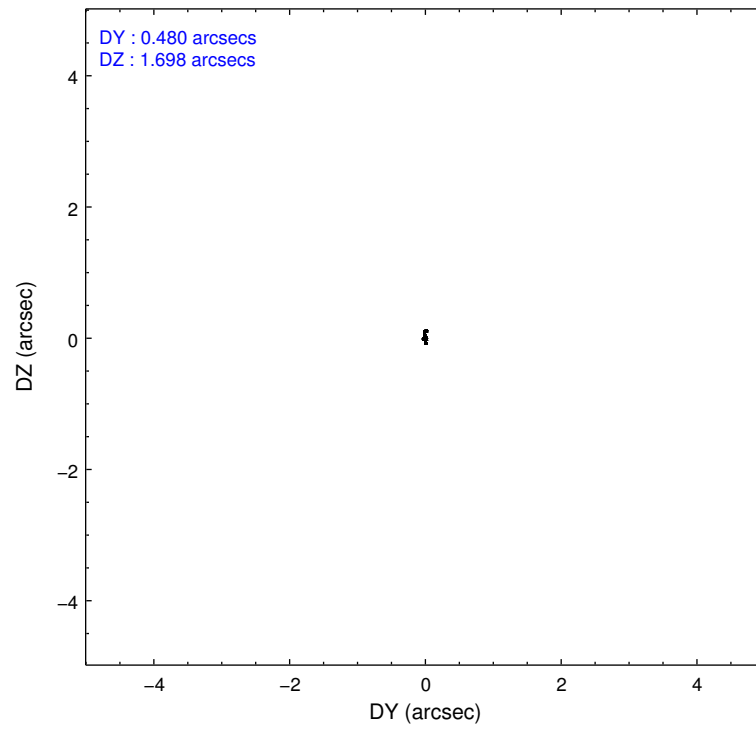
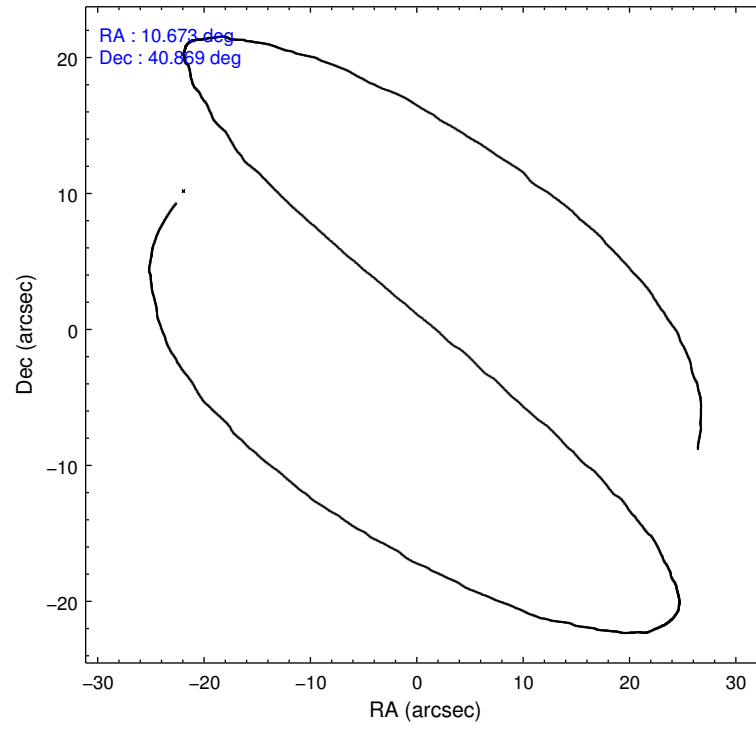
	segment 0
level 1 events	53042
rejected events	10870
rejected %	20%

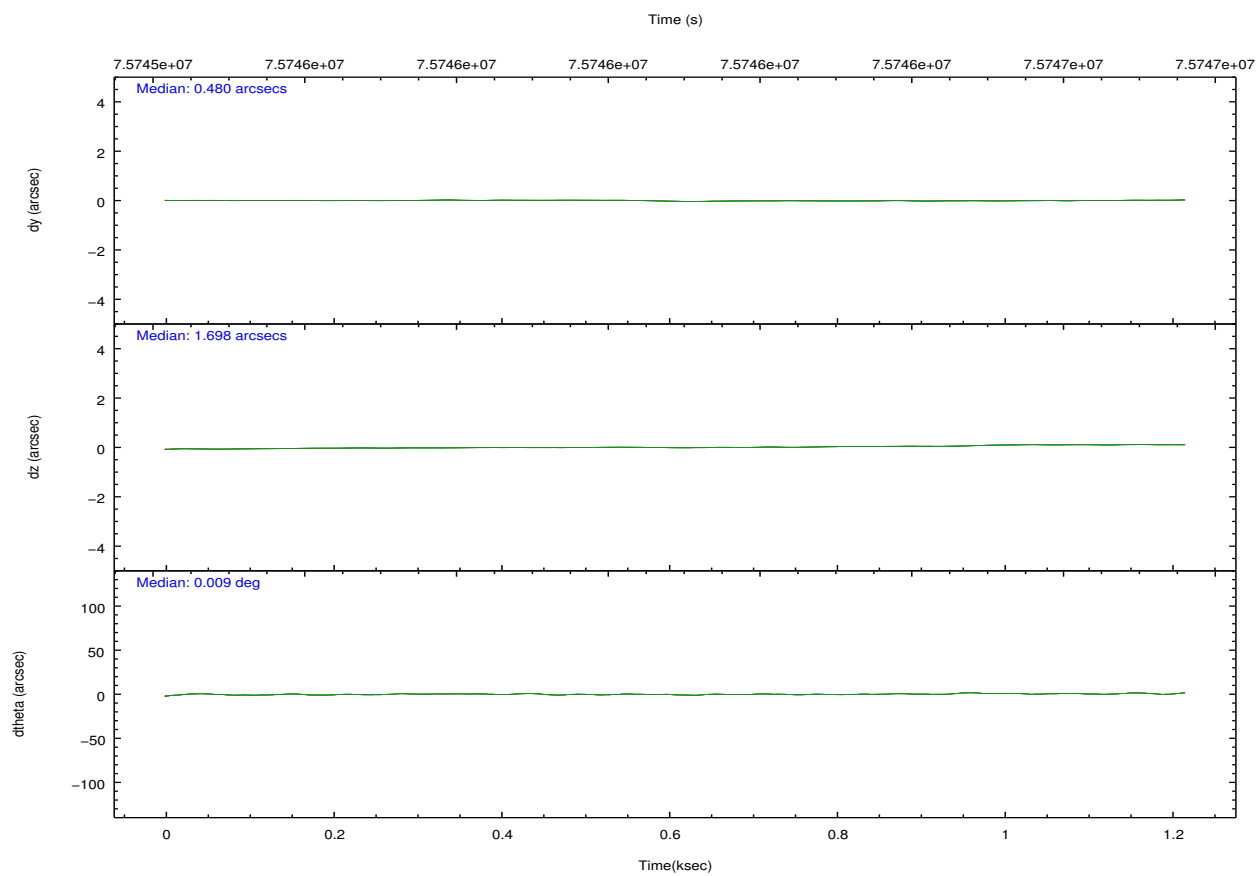
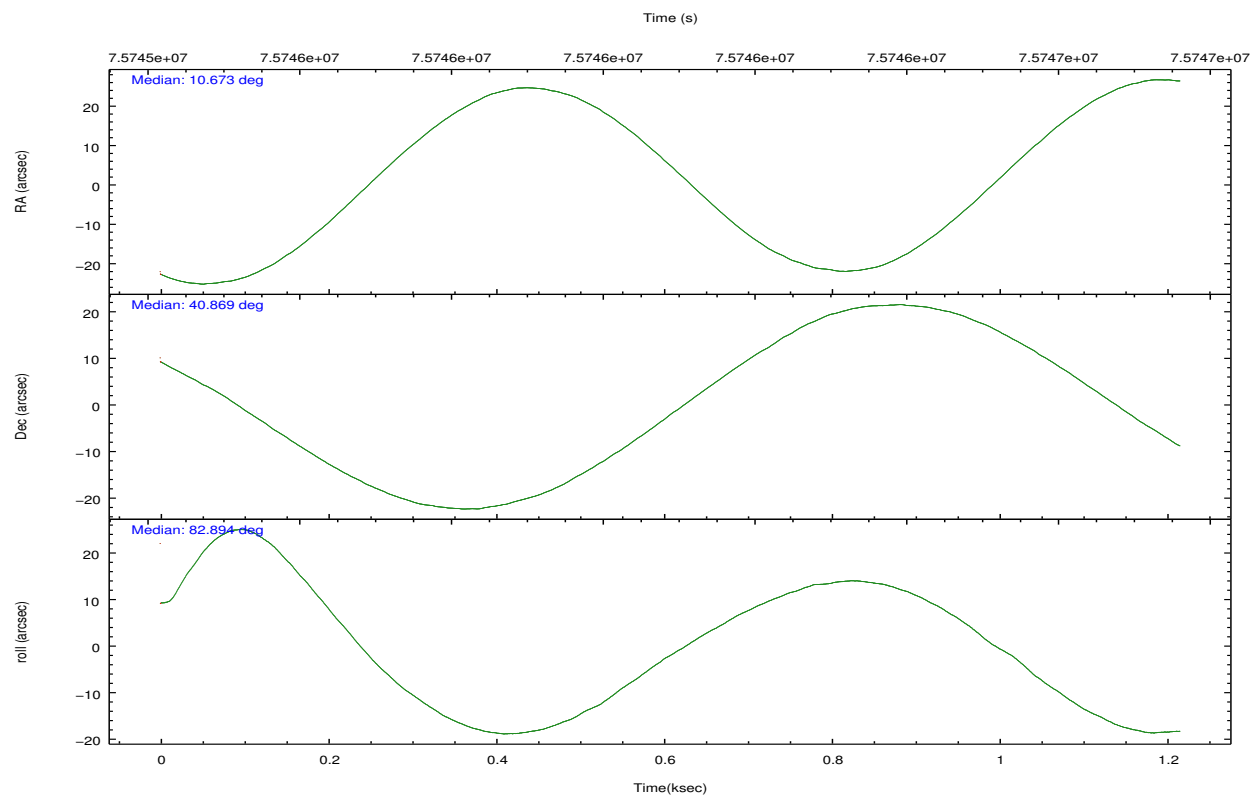
2.2 Compared Parameters

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	10.687436	10.67272745626082
[deg] Pointing Dec	40.843898	40.8689546428015
[deg] Pointing Roll	82.981468	82.89546728684911
[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)	75745694.184000	75745298.81484801
Observation start date	2000-05-26T16:27:10	2000-05-26T16:21:38
[s] Observation end time (MET)	75746694.184000	75746828.114905
Observation end date	2000-05-26T16:43:50	2000-05-26T16:47:08

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

2.3 Aspect



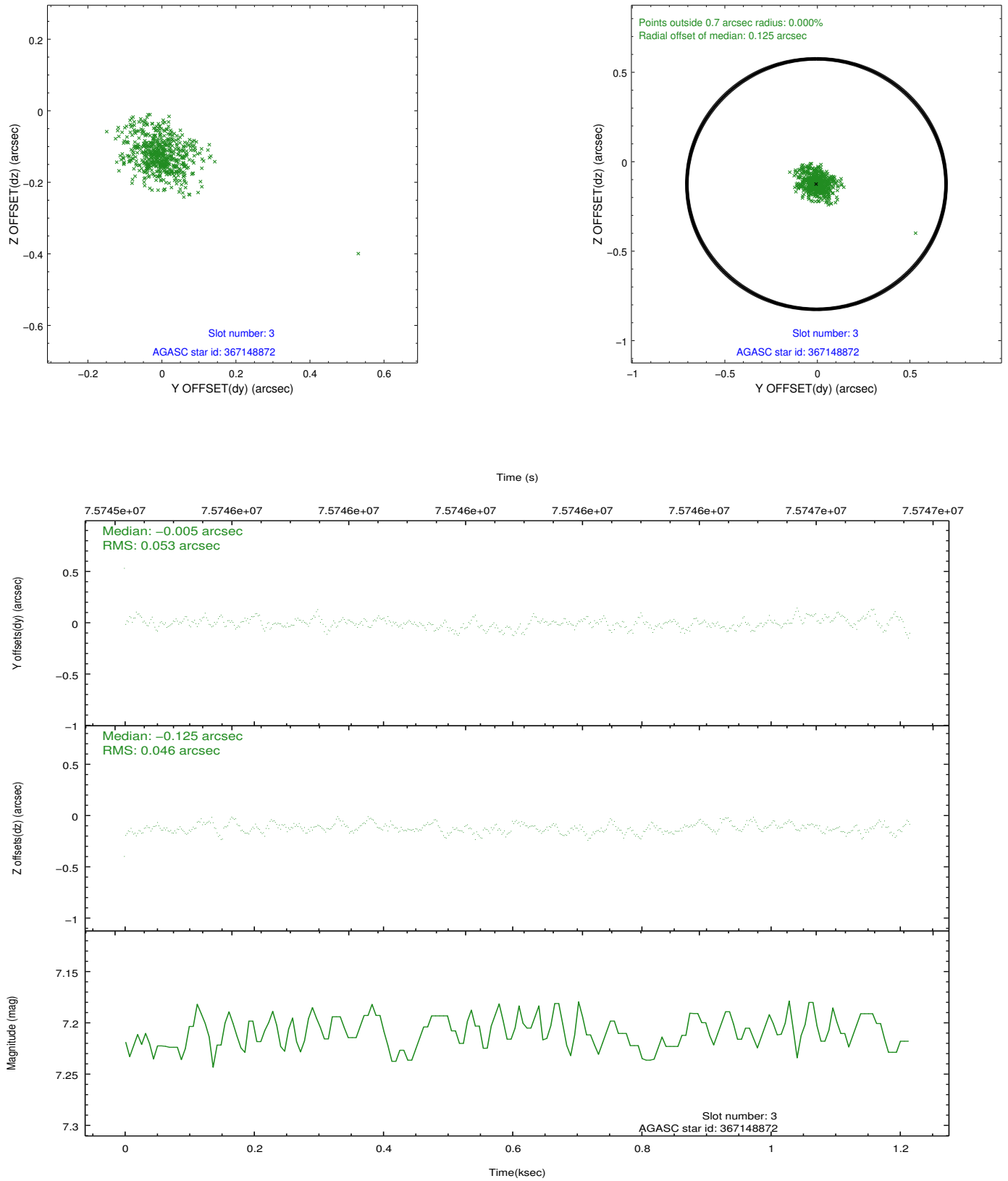


Slot Statistics

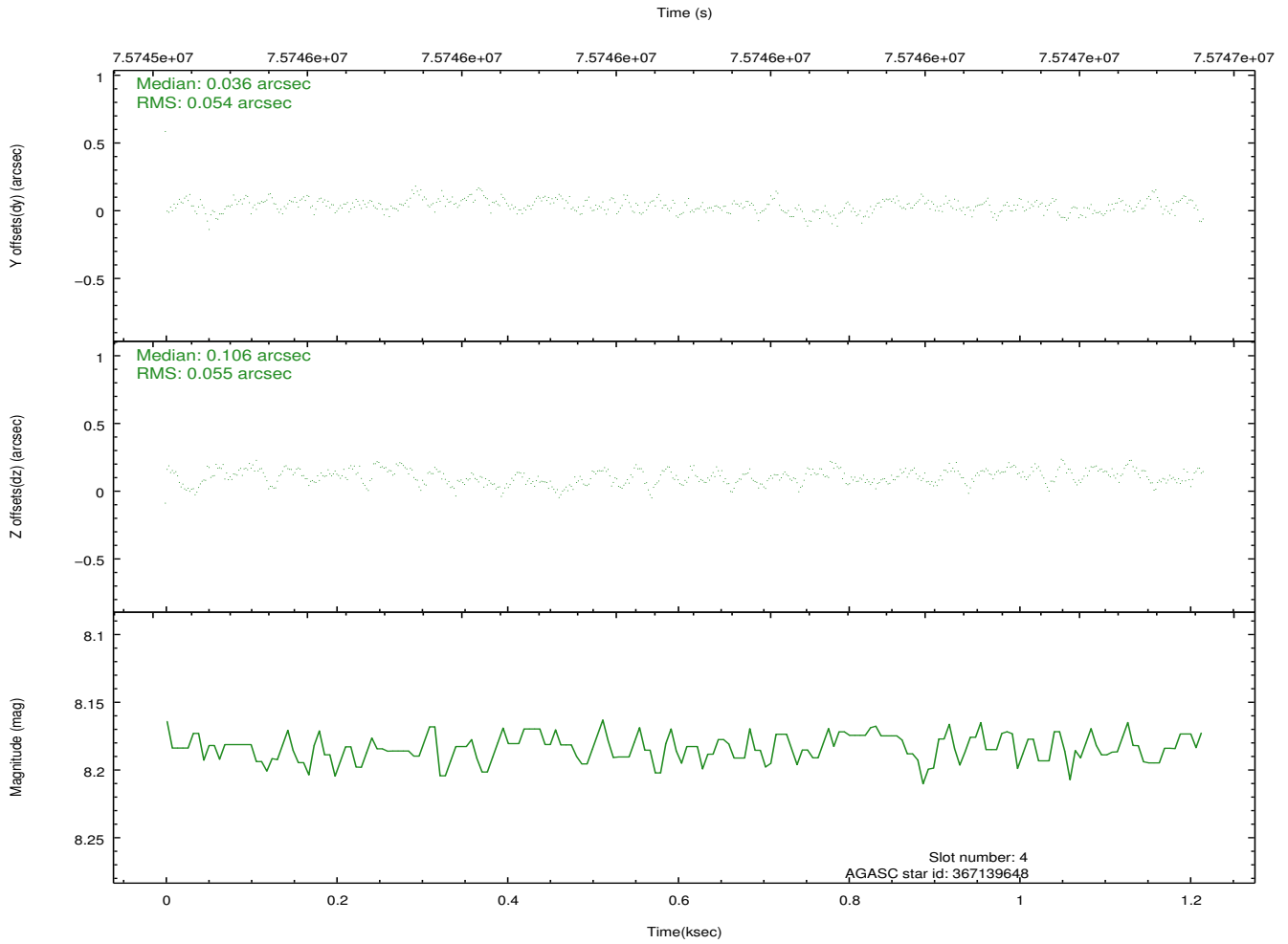
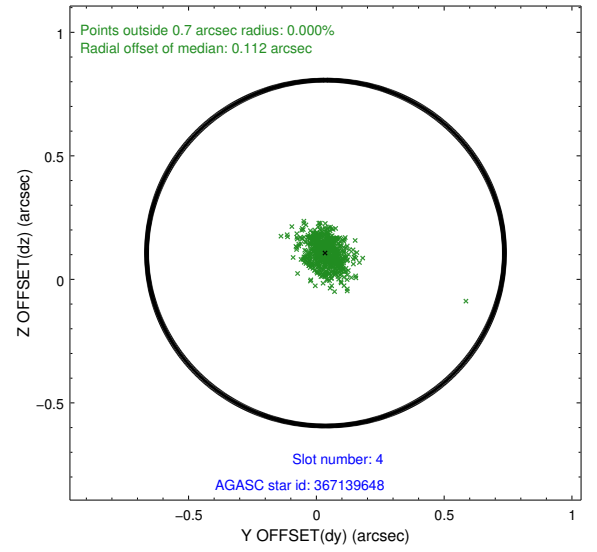
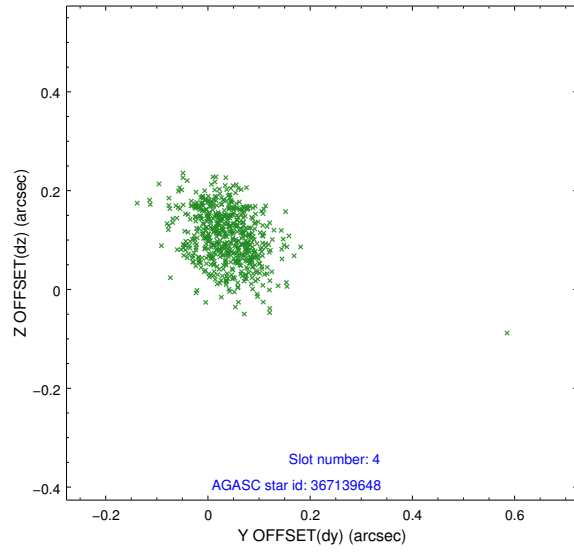
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	297	0.042	-0.032	0.005	0.009	0.000000	0.000000	-755.86	-1289.43
1	FID	HRC-I-3	7.05	297	0.030	-0.022	0.006	0.009	0.000000	0.000000	-1186.88	1010.81
2	FID	HRC-I-4	6.99	297	0.042	-0.035	0.005	0.008	0.000000	0.000000	1282.96	1016.12
3	GUIDE	367148872	7.21	594	-0.005	-0.125	0.070	0.118	10.505940	40.688258	-616.42	422.72
4	GUIDE	367139648	8.18	594	0.036	0.106	0.079	0.128	11.021290	40.433909	-1352.62	-1087.82
5	GUIDE	367144424	8.65	594	0.152	-0.020	0.067	0.119	10.464515	40.309136	-1987.11	369.88
6	GUIDE	367657896	9.03	594	-0.107	0.140	0.096	0.149	11.197765	41.313576	1847.15	-1162.16
7	GUIDE	367658664	9.61	593	-0.063	-0.088	0.094	0.161	10.374070	41.369746	1779.70	1069.31

2.4 Star Slots

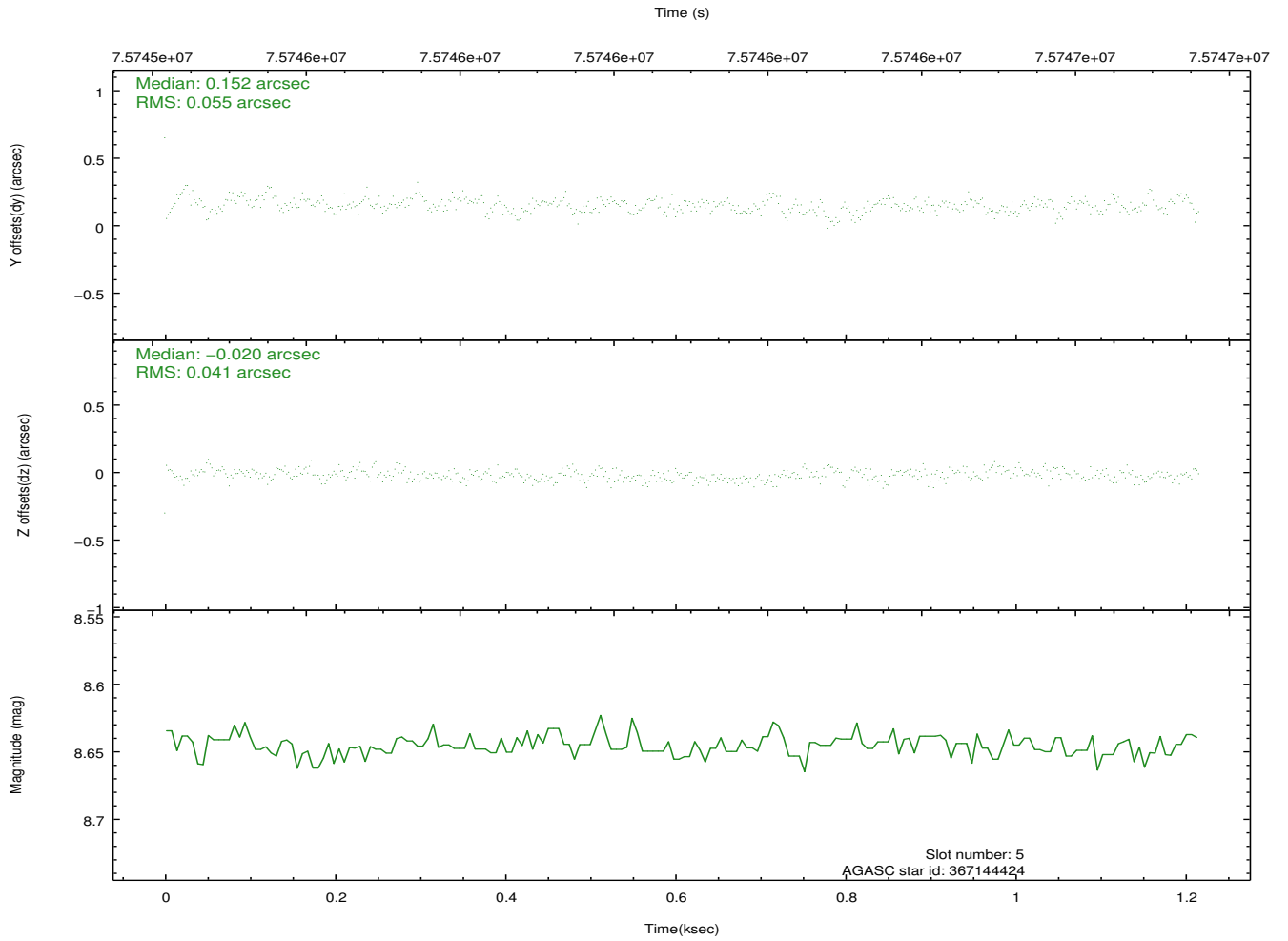
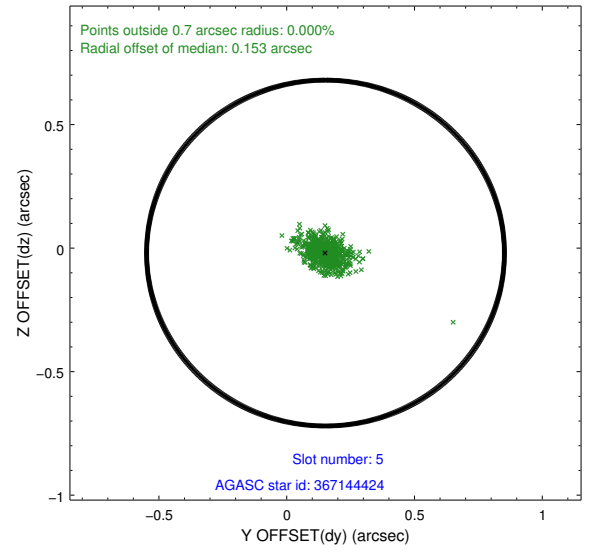
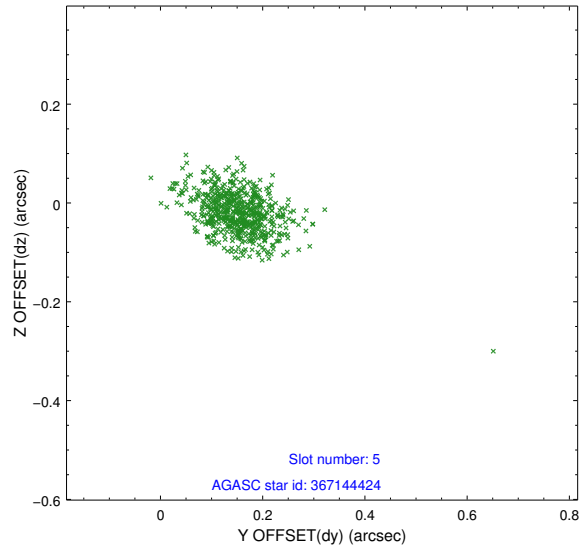
2.4.1 Slot 3



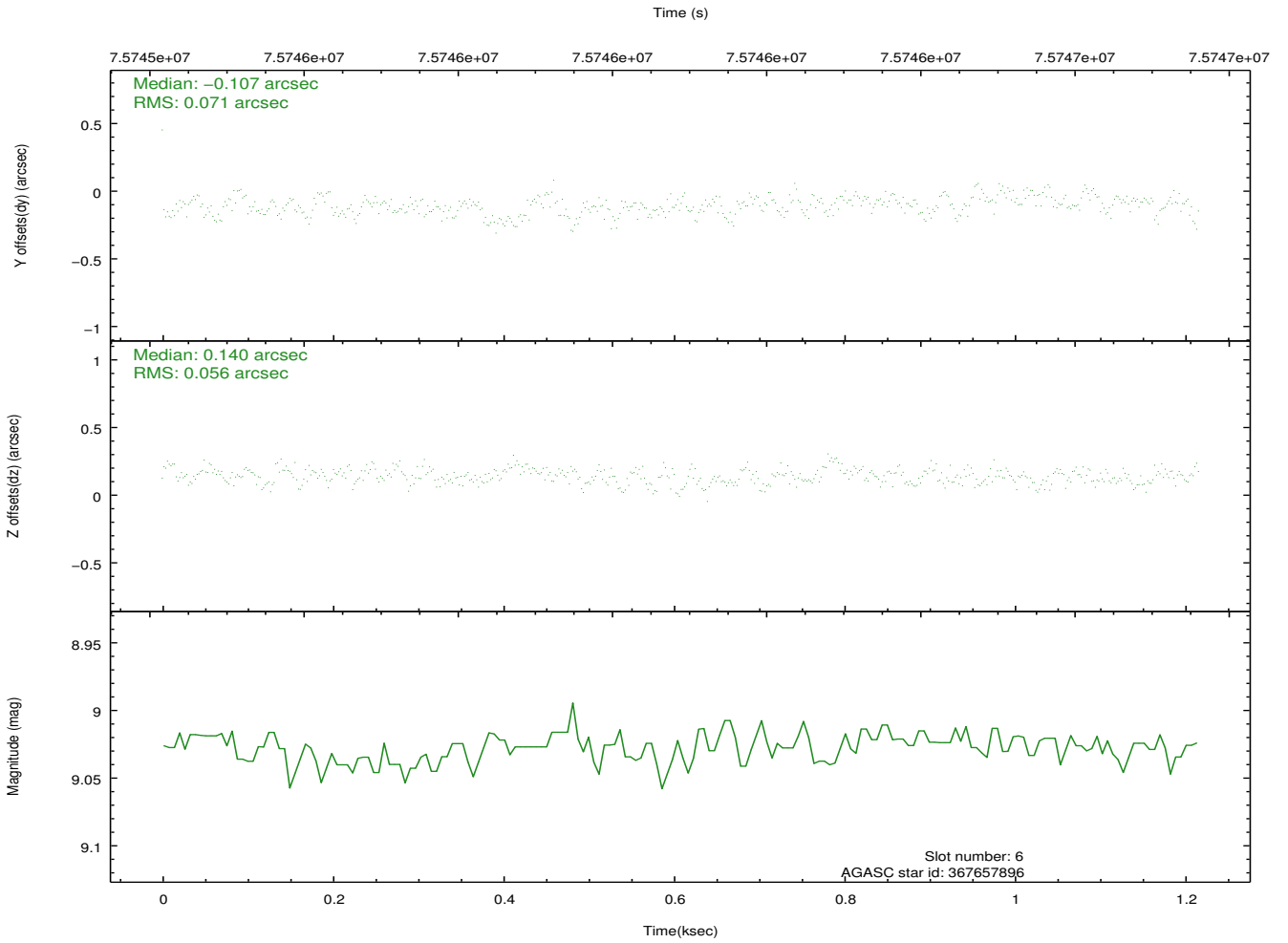
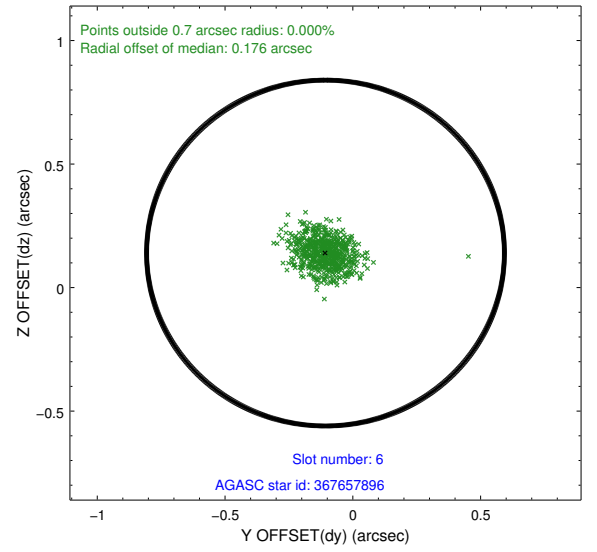
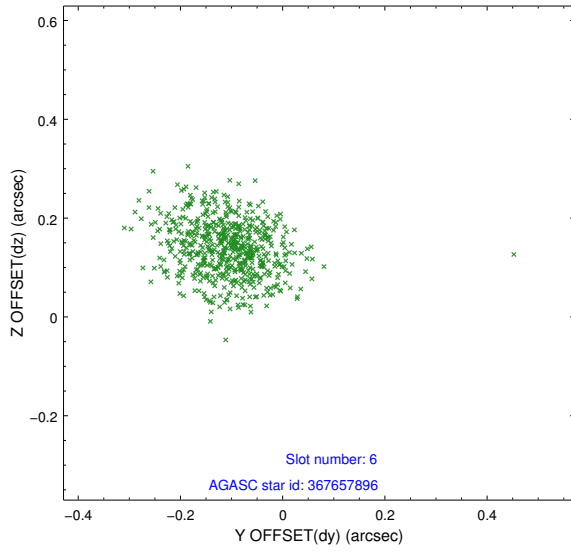
2.4.2 Slot 4



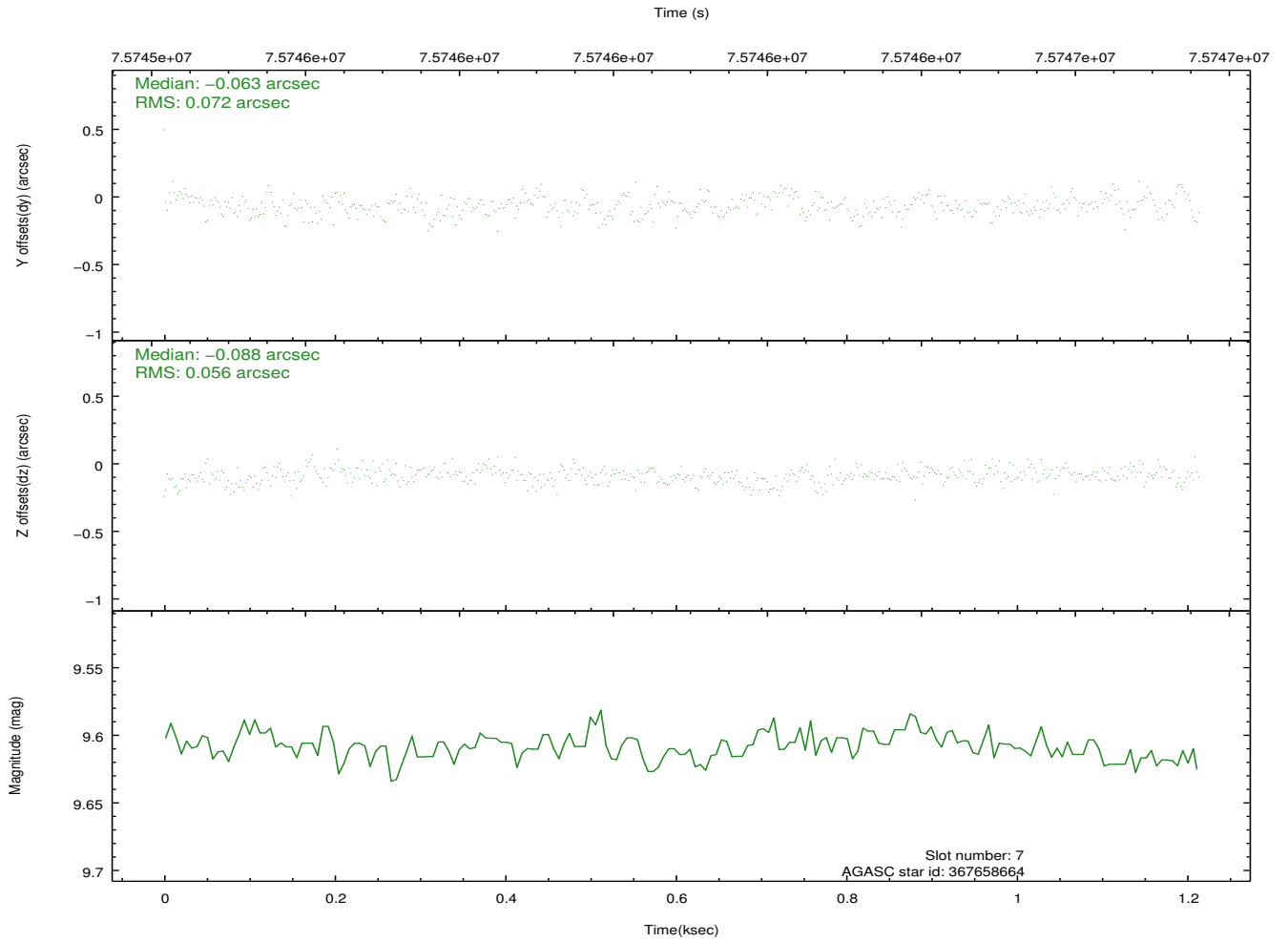
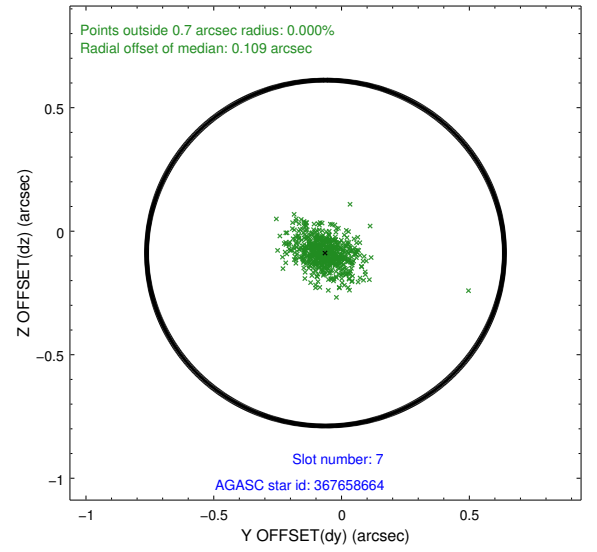
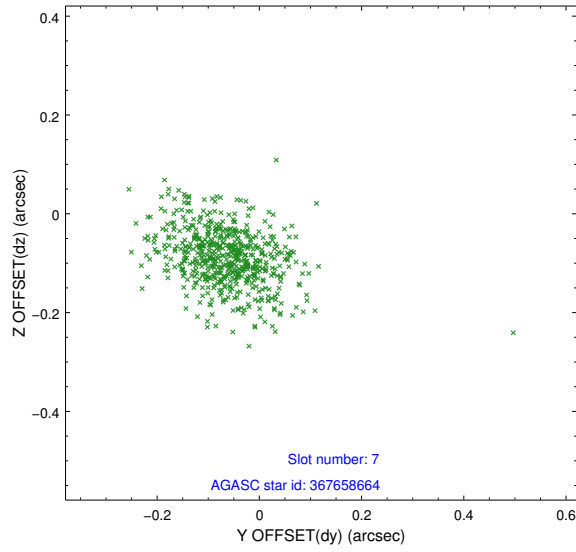
2.4.3 Slot 5



2.4.4 Slot 6

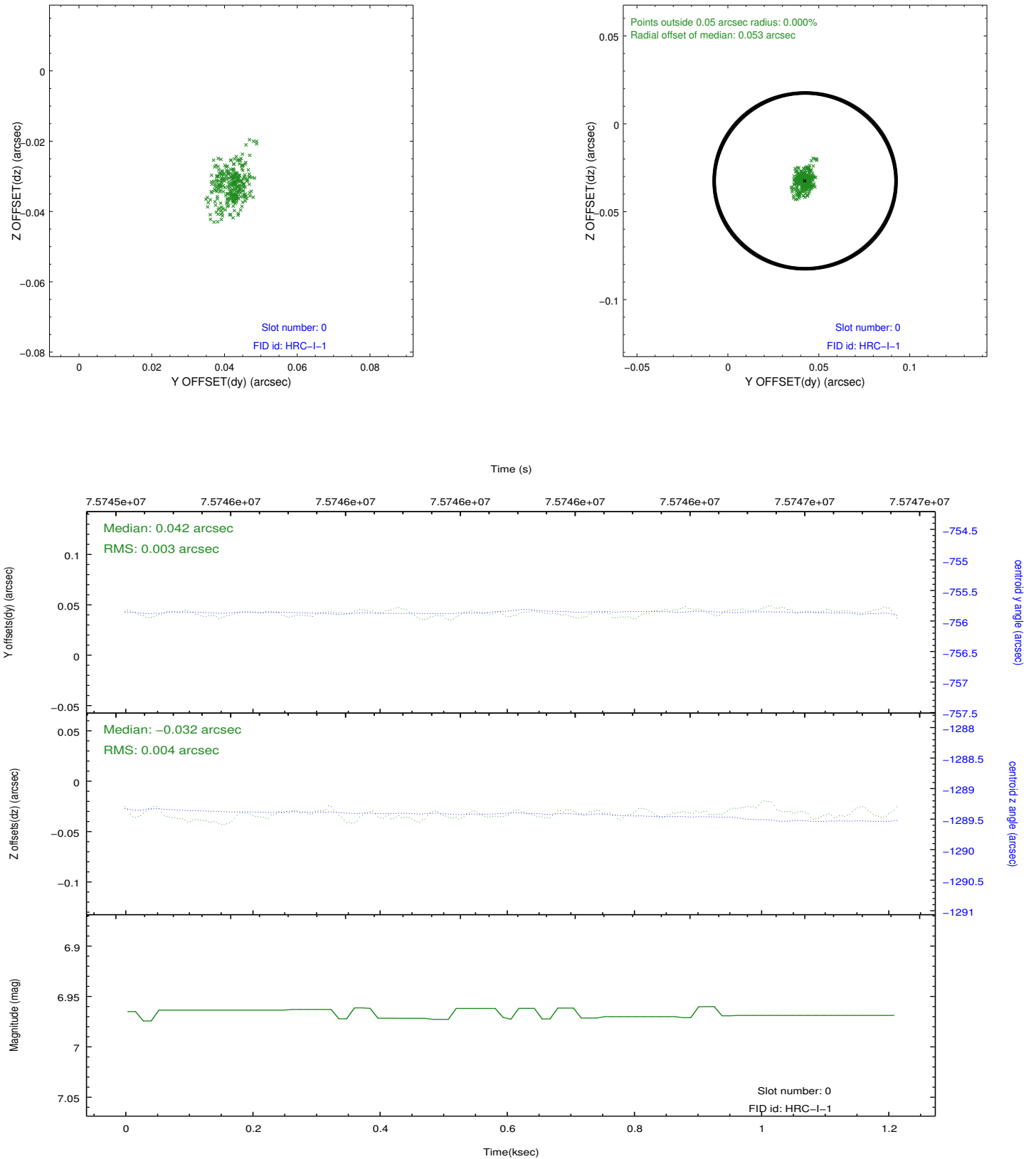


2.4.5 Slot 7

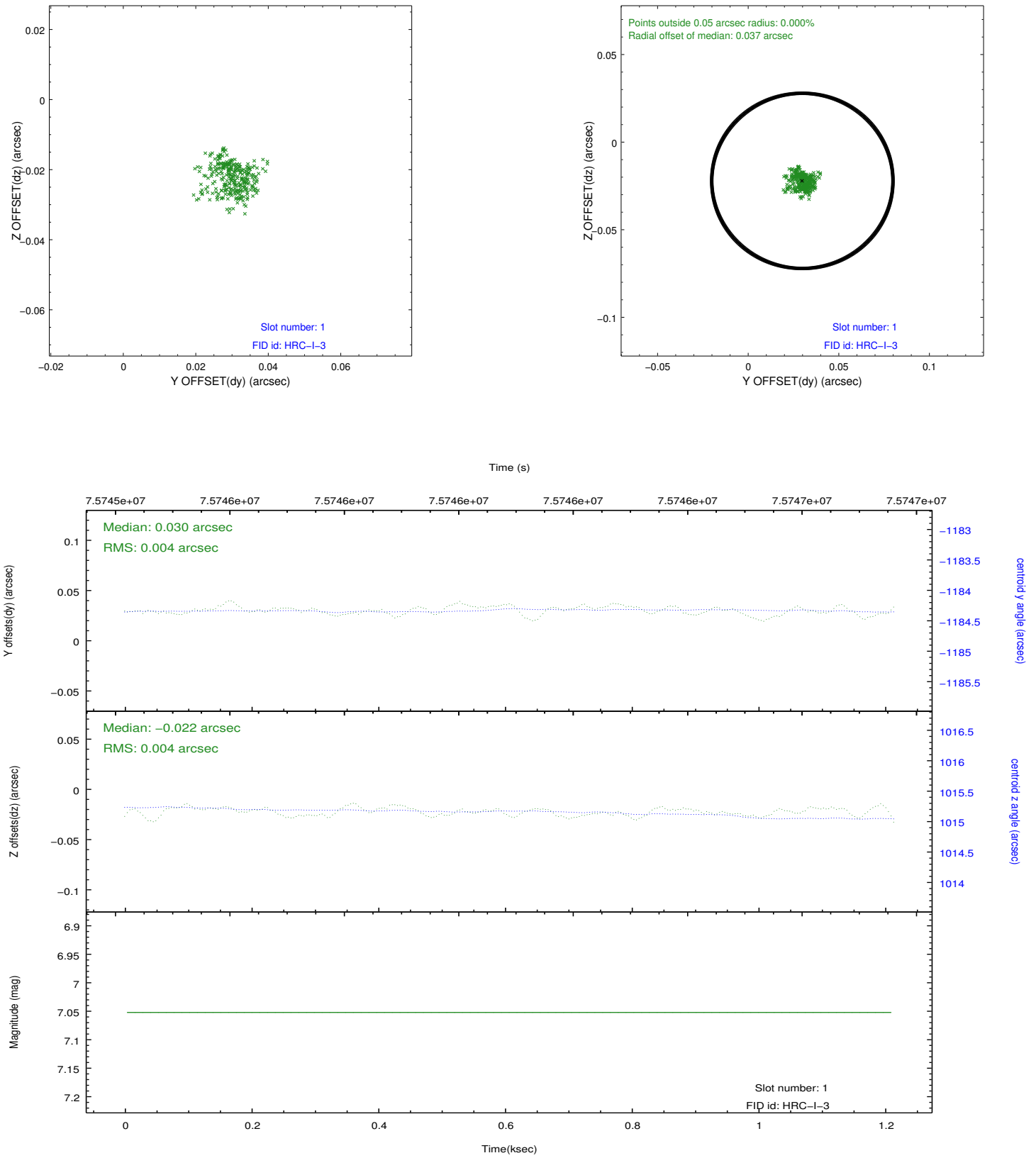


2.5 FID Slots

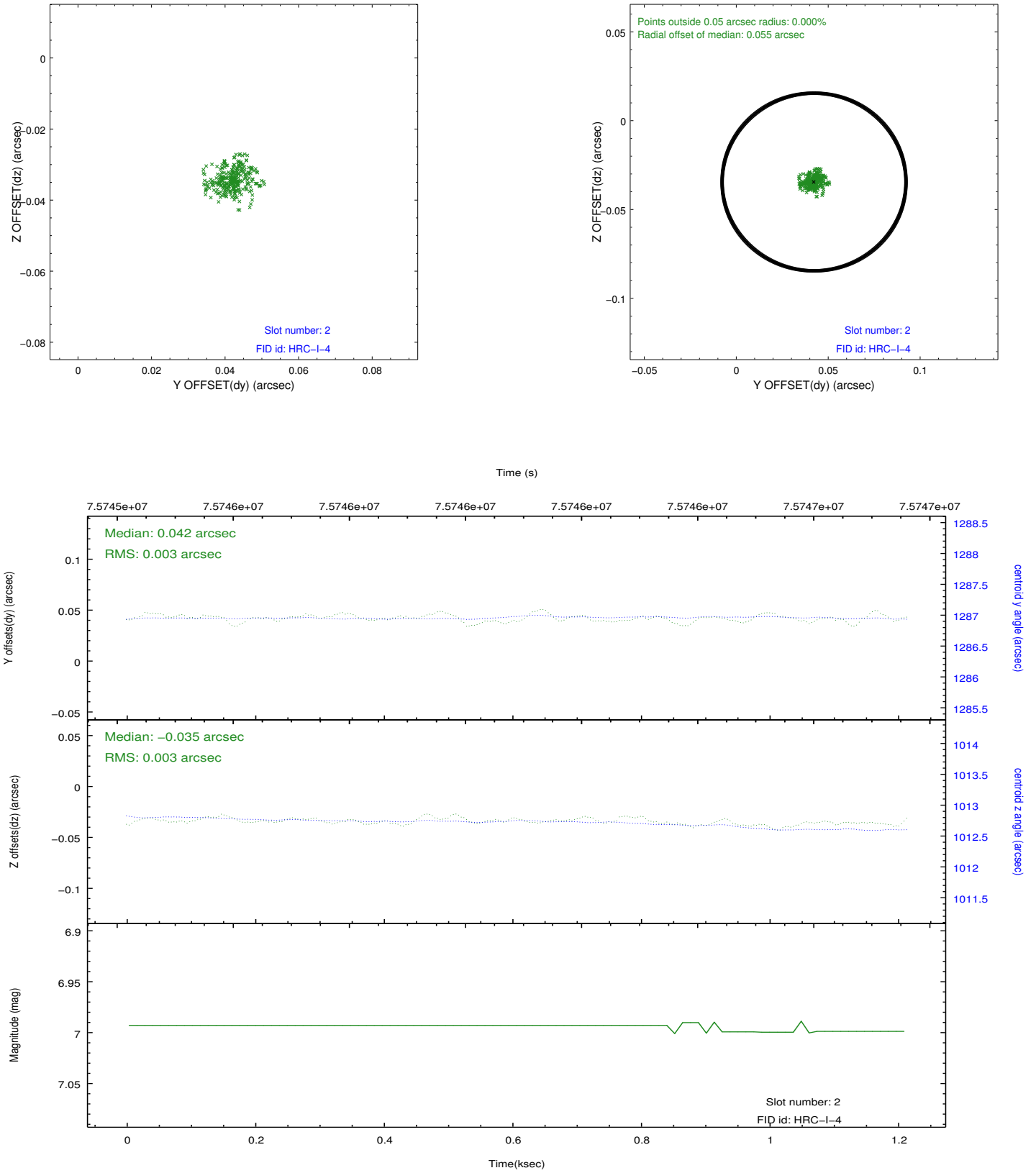
2.5.1 Slot 0



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)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.215

A.2 Comments