

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8139 - L2 Version 3
Chandra X-Ray Center

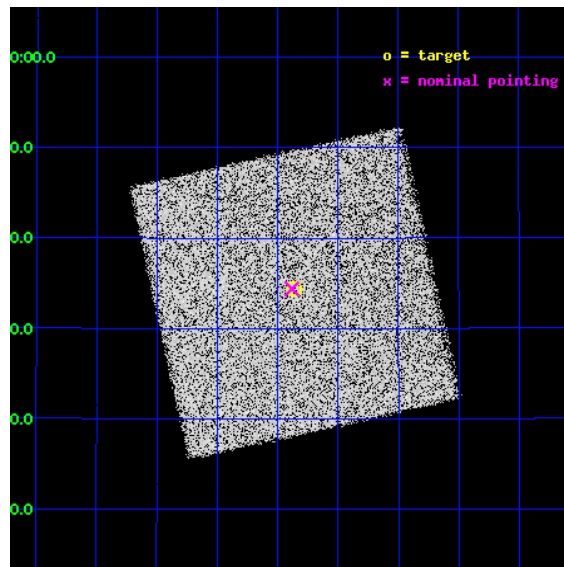
L2 Processing Date : Aug 12 2012

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

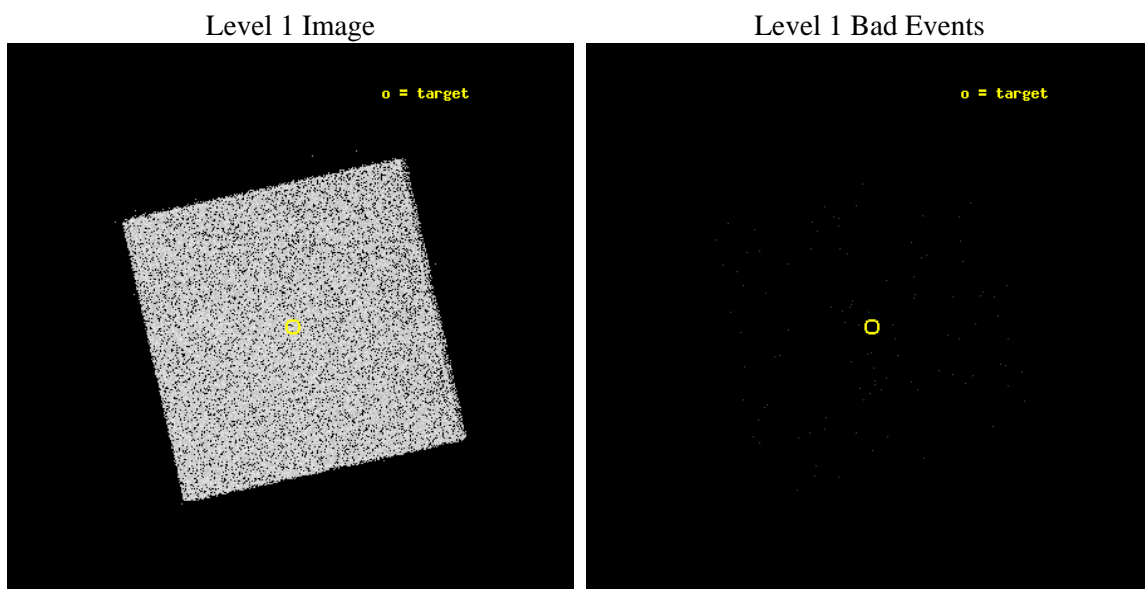
seq_num	900680	Sequence number
obs_id	8139	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J194951+2534	Source name
ra_targ	297.465	Observer's specified target RA [deg]
dec_targ	25.573	Observer's specified target Dec [deg]
ra_nom	297.47062791243	Nominal RA [deg]
dec_nom	25.573120919975	Nominal Dec [deg]
roll_nom	32.525033294048	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1161.5813062787	[s]
livetime	1149.6012194493	Ontime multiplied by DTCOR
l2events	70825	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	1161.5813062787	[s]
caldsver	4.5.1.1	 	l1events	198971	Number of level 1 events
date	2012-08-12T10:14:49	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

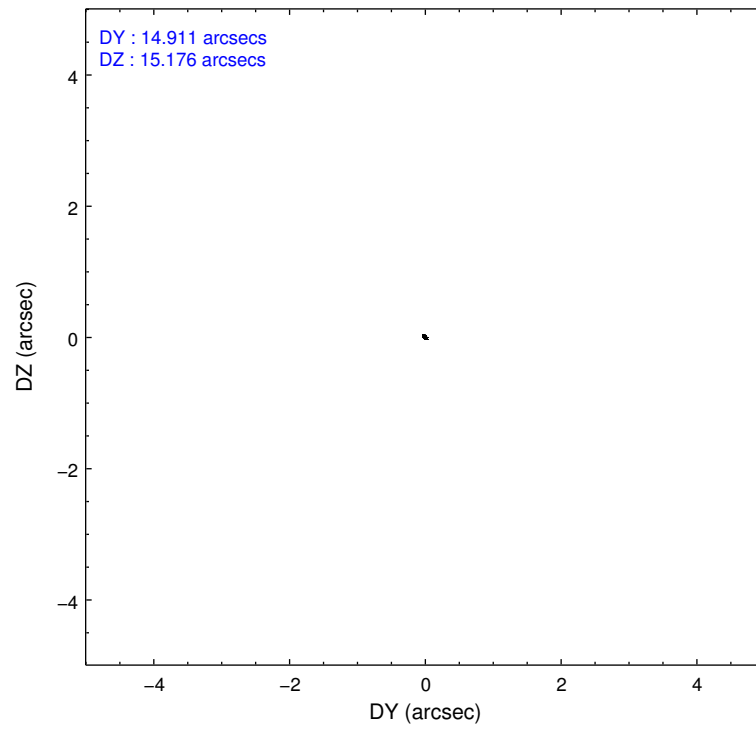
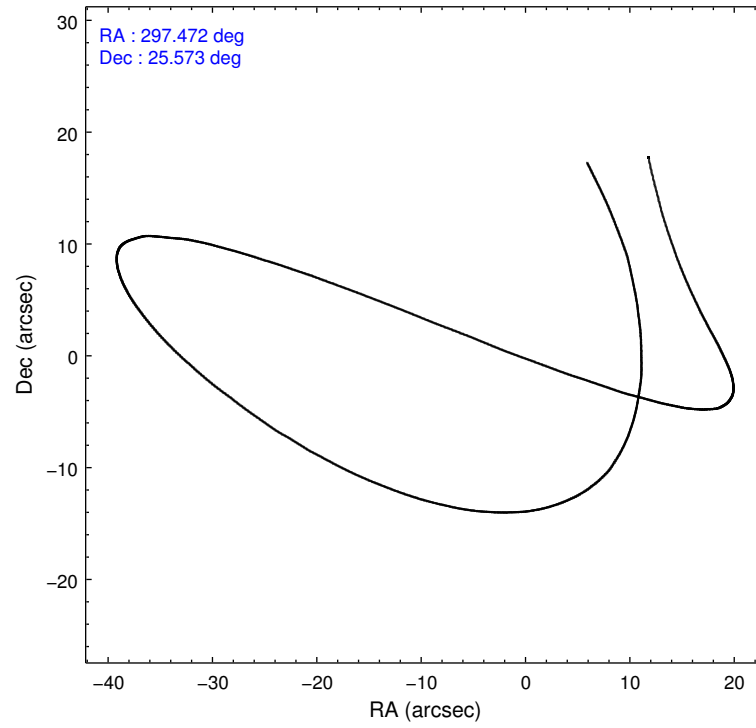
Level 1 Events

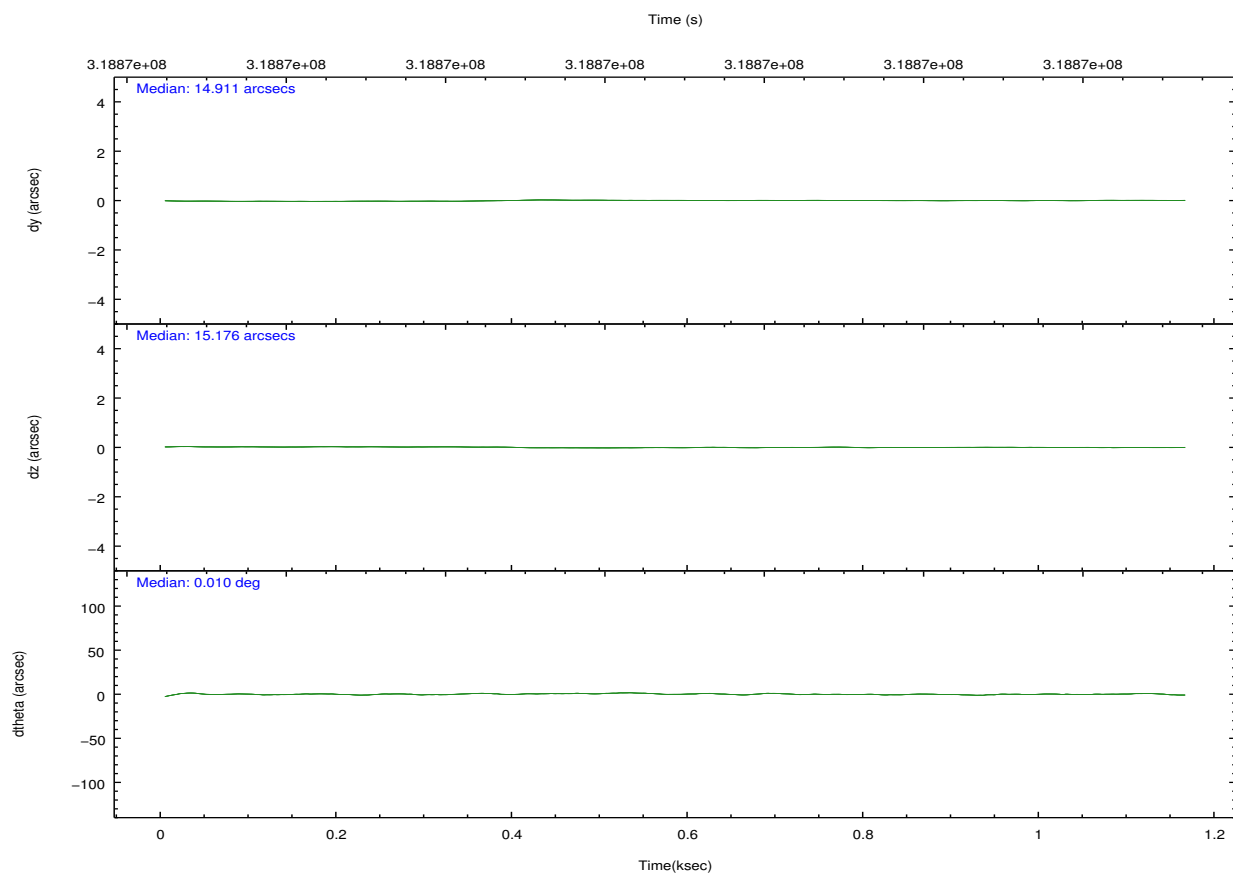
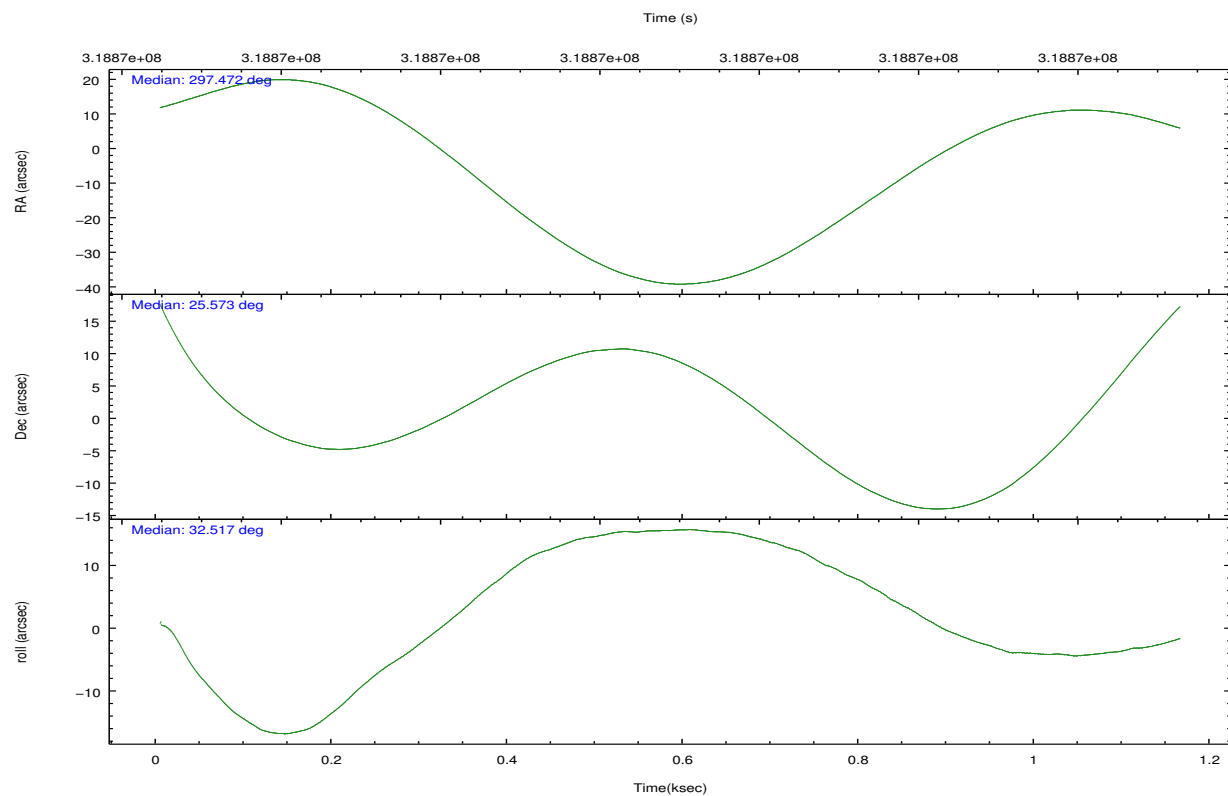
	segment 0
level 1 events	198971
rejected events	95171
rejected %	47%

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	297.456315	297.4706279124305			
[deg] Pointing Dec	25.549381	25.57312091997454			
[deg] Pointing Roll	32.626626	32.52503329404767			
[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)	318871080.184000	318869866.12714			
Observation start date	2008-02-08T15:16:55	2008-02-08T14:57:46			
[s] Observation end time (MET)	318872080.184000	318872979.05229			
Observation end date	2008-02-08T15:33:35	2008-02-08T15:49:39			

2.3 Aspect



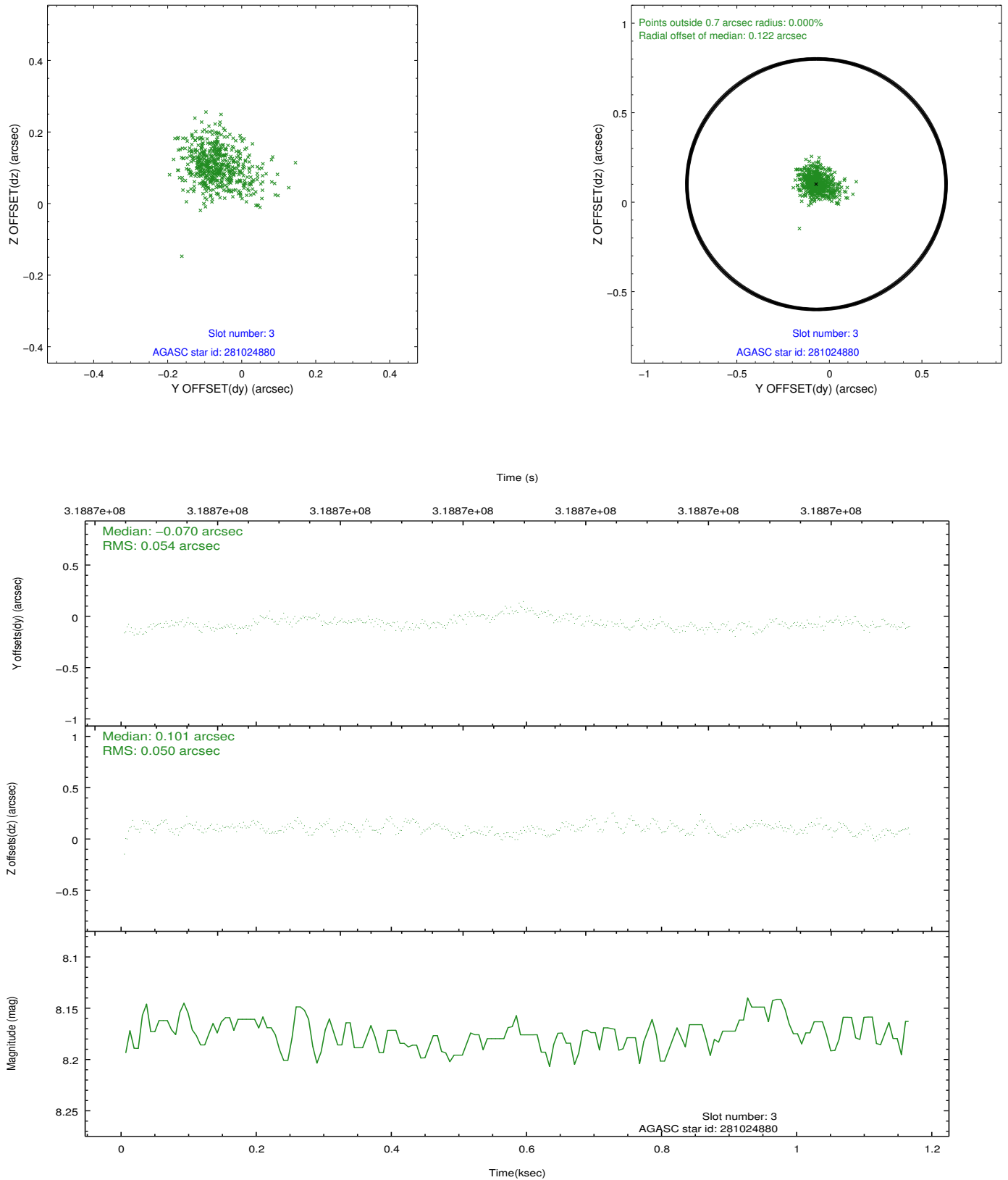


Slot Statistics

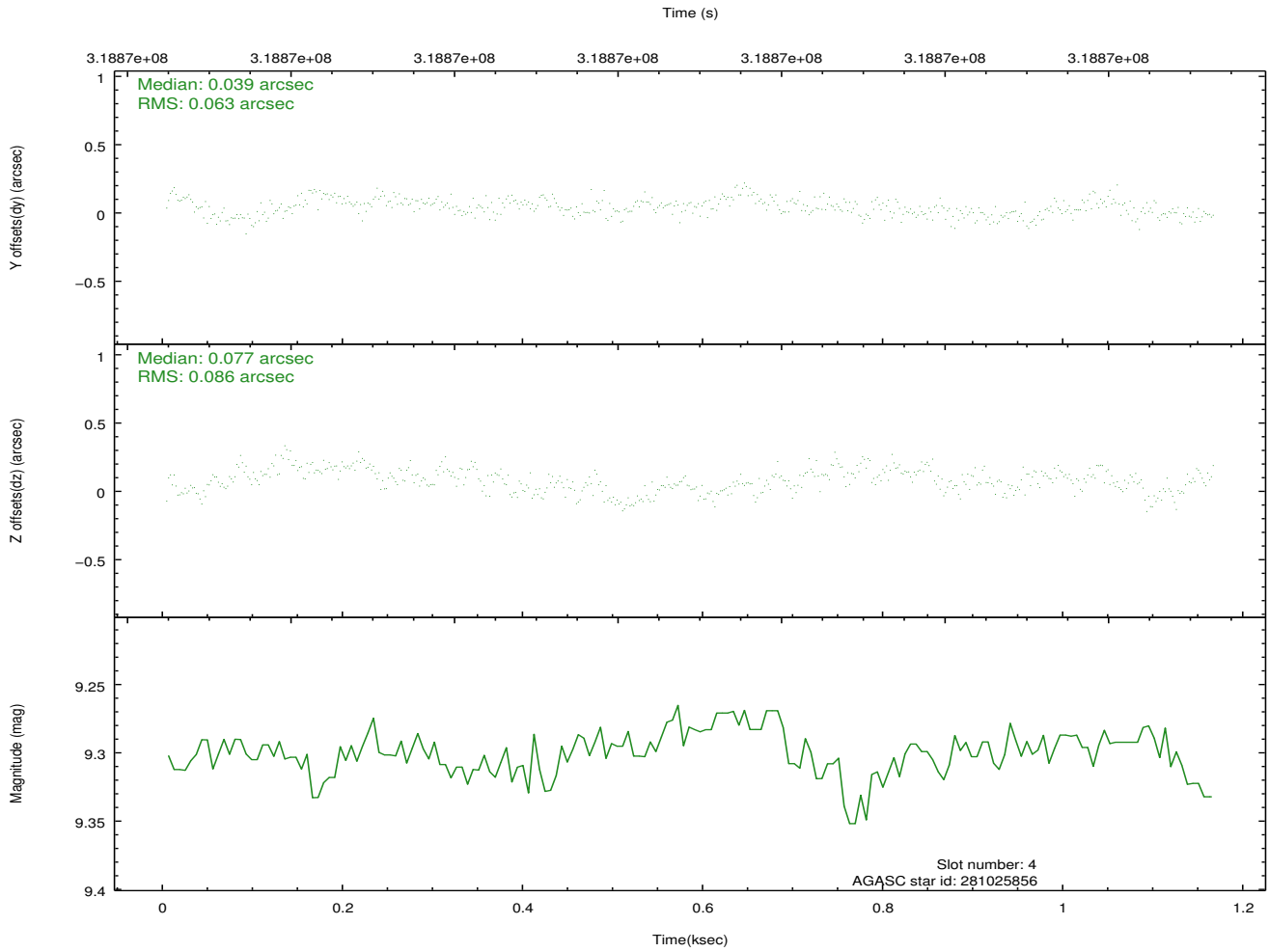
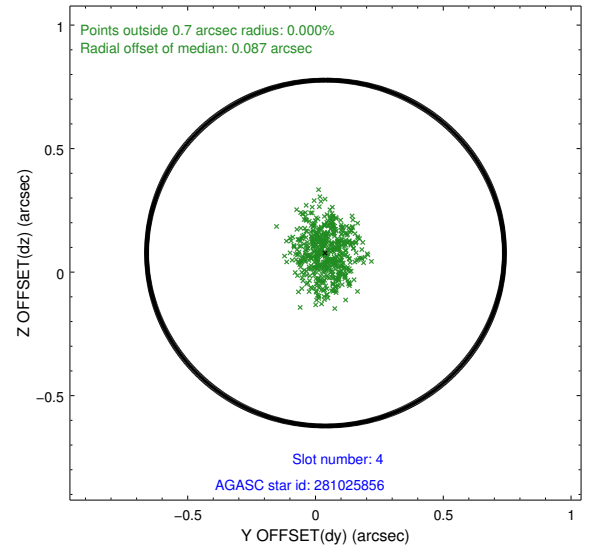
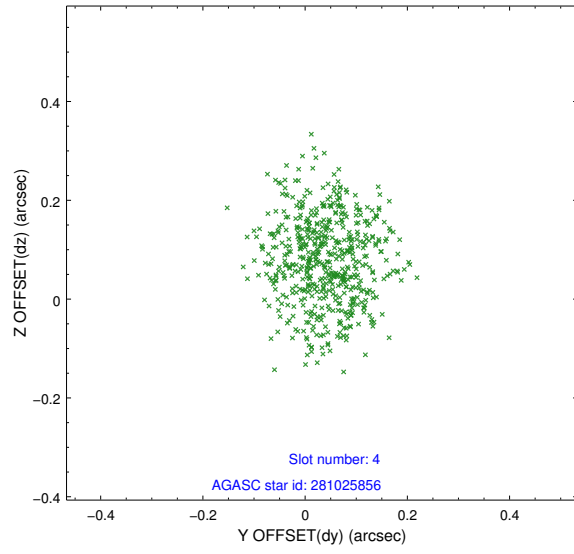
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	284	-0.016	-0.042	0.007	0.012	0.000000	0.000000	-770.75	-1303.28
1	FID	HRC-I-3	7.09	284	-0.048	-0.069	0.008	0.013	0.000000	0.000000	-1201.93	996.68
2	FID	HRC-I-4	7.01	284	0.177	0.021	0.005	0.009	0.000000	0.000000	1268.06	1002.40
3	GUIDE	281024880	8.17	566	-0.070	0.101	0.075	0.127	297.249854	24.704600	-2209.17	-2192.64
4	GUIDE	281025856	9.30	568	0.039	0.077	0.116	0.177	297.710675	25.302466	213.38	-1193.77
5	GUIDE	281029544	8.57	567	0.133	-0.158	0.083	0.140	297.343203	25.505856	-394.86	68.20
6	GUIDE	280894248	9.02	567	-0.048	-0.040	0.091	0.143	296.555101	25.603339	-2356.39	1753.60
7	GUIDE	280890136	9.66	564	-0.059	-0.004	0.187	0.346	296.609467	25.617799	-2183.49	1704.09

2.4 Star Slots

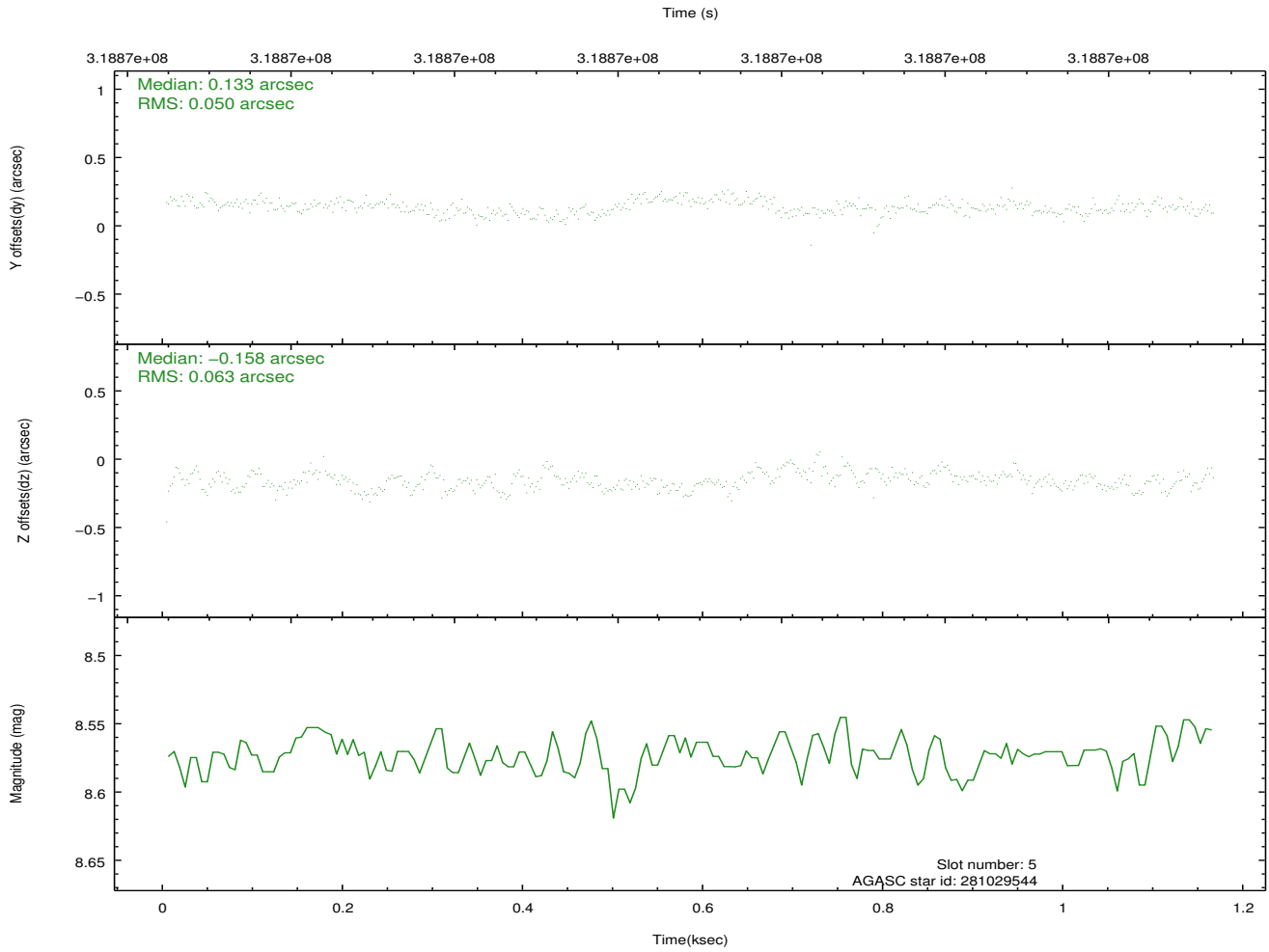
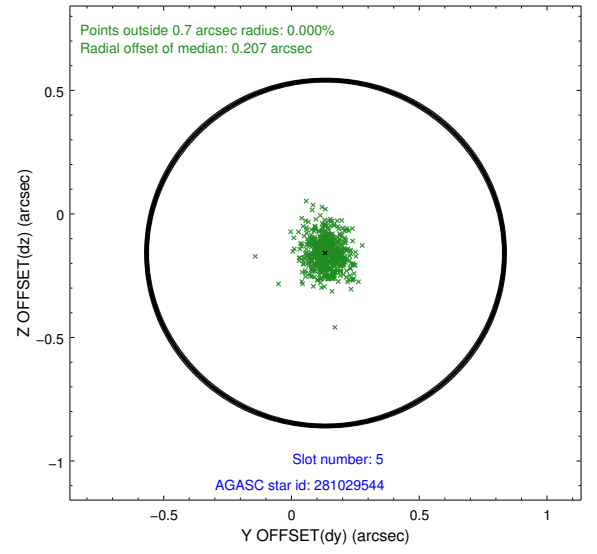
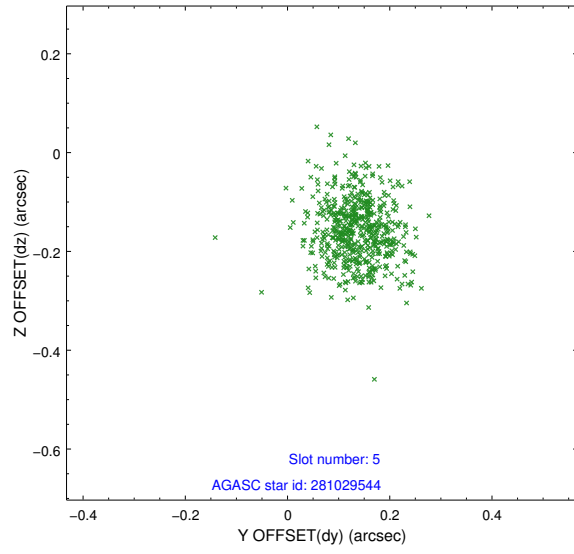
2.4.1 Slot 3



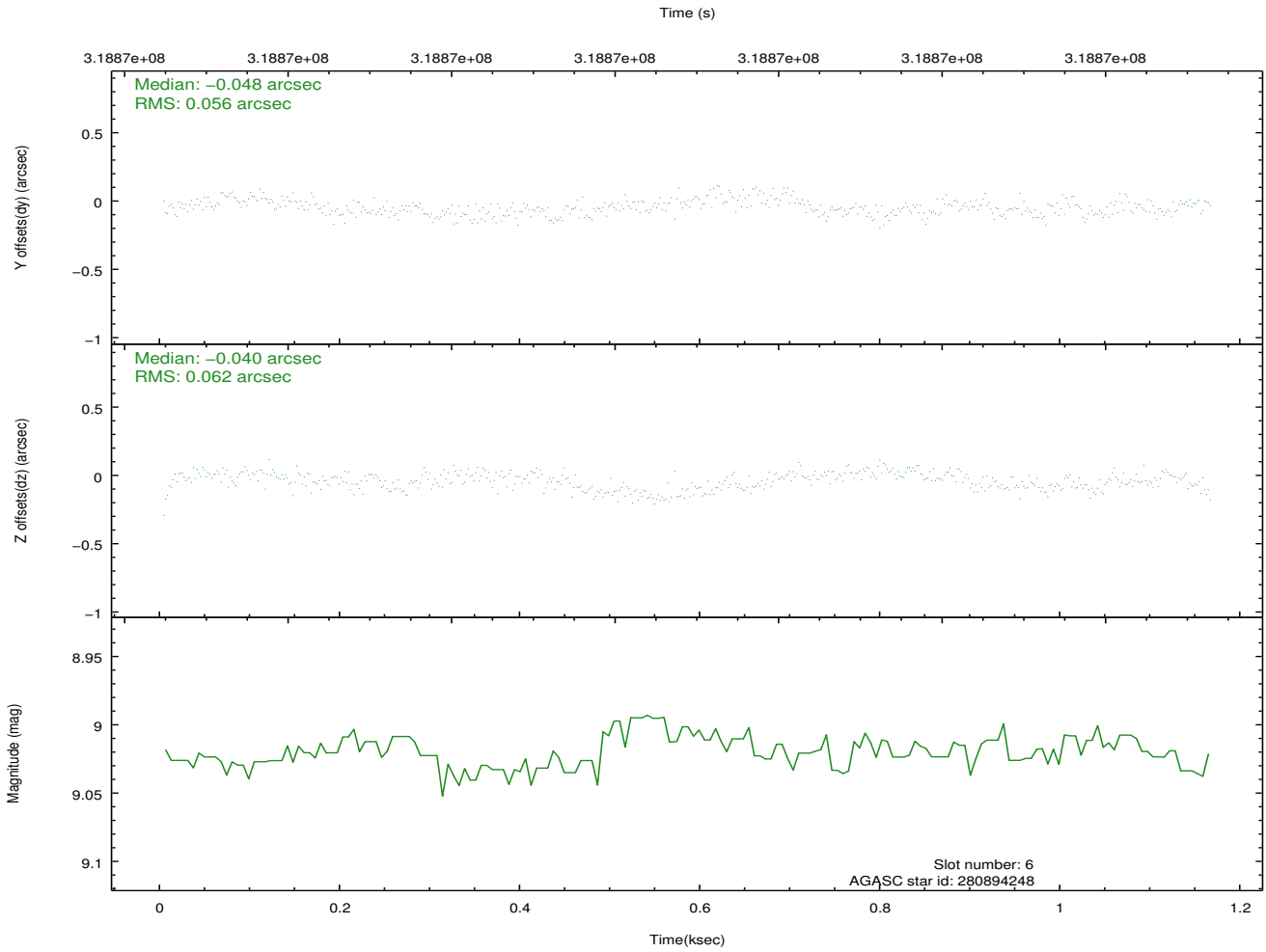
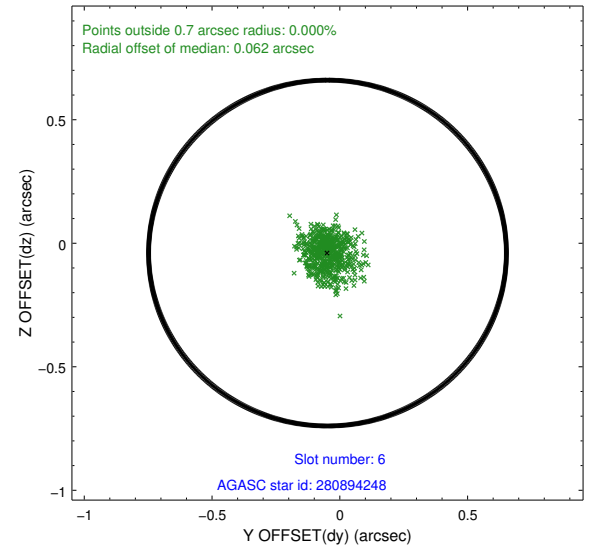
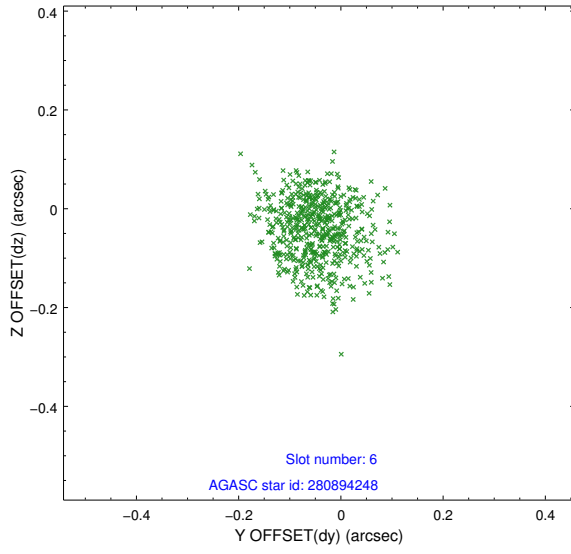
2.4.2 Slot 4



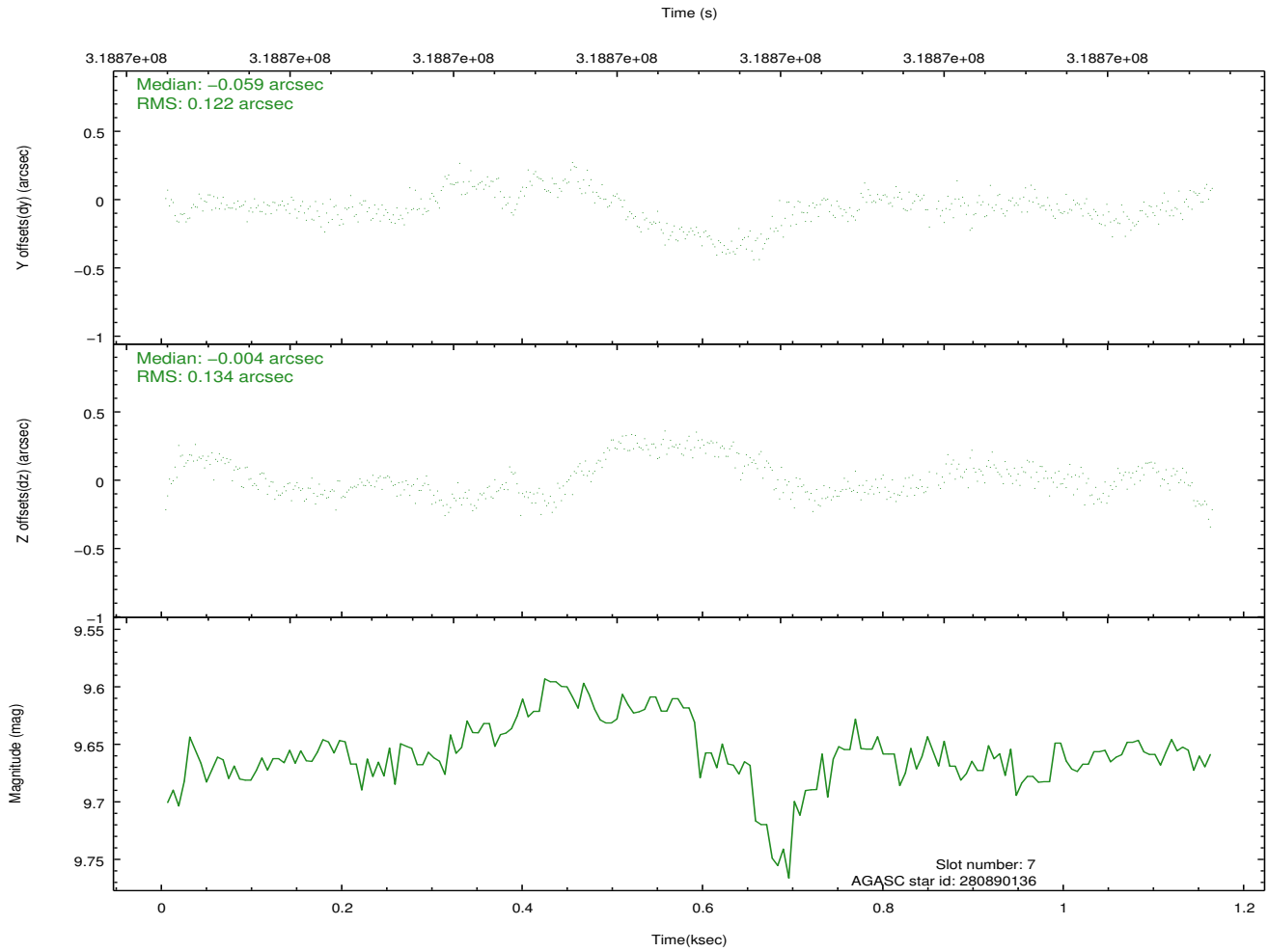
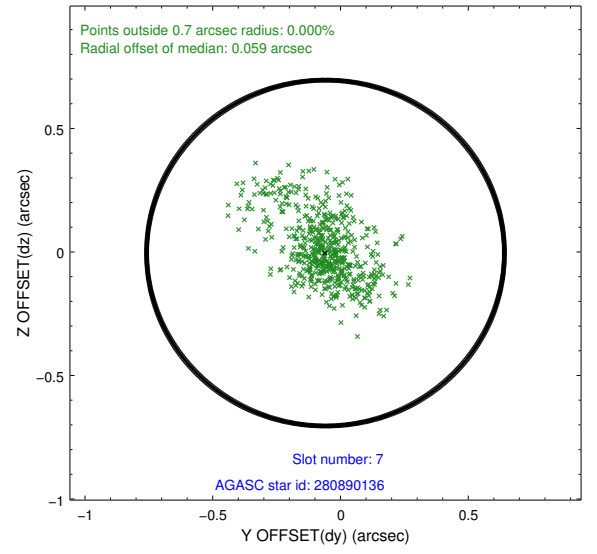
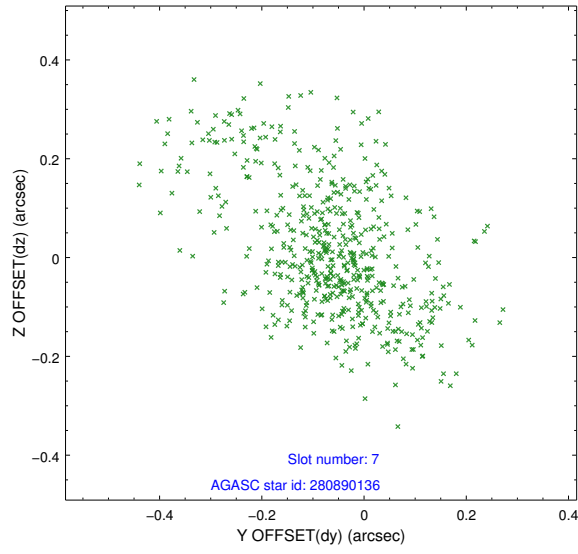
2.4.3 Slot 5



2.4.4 Slot 6

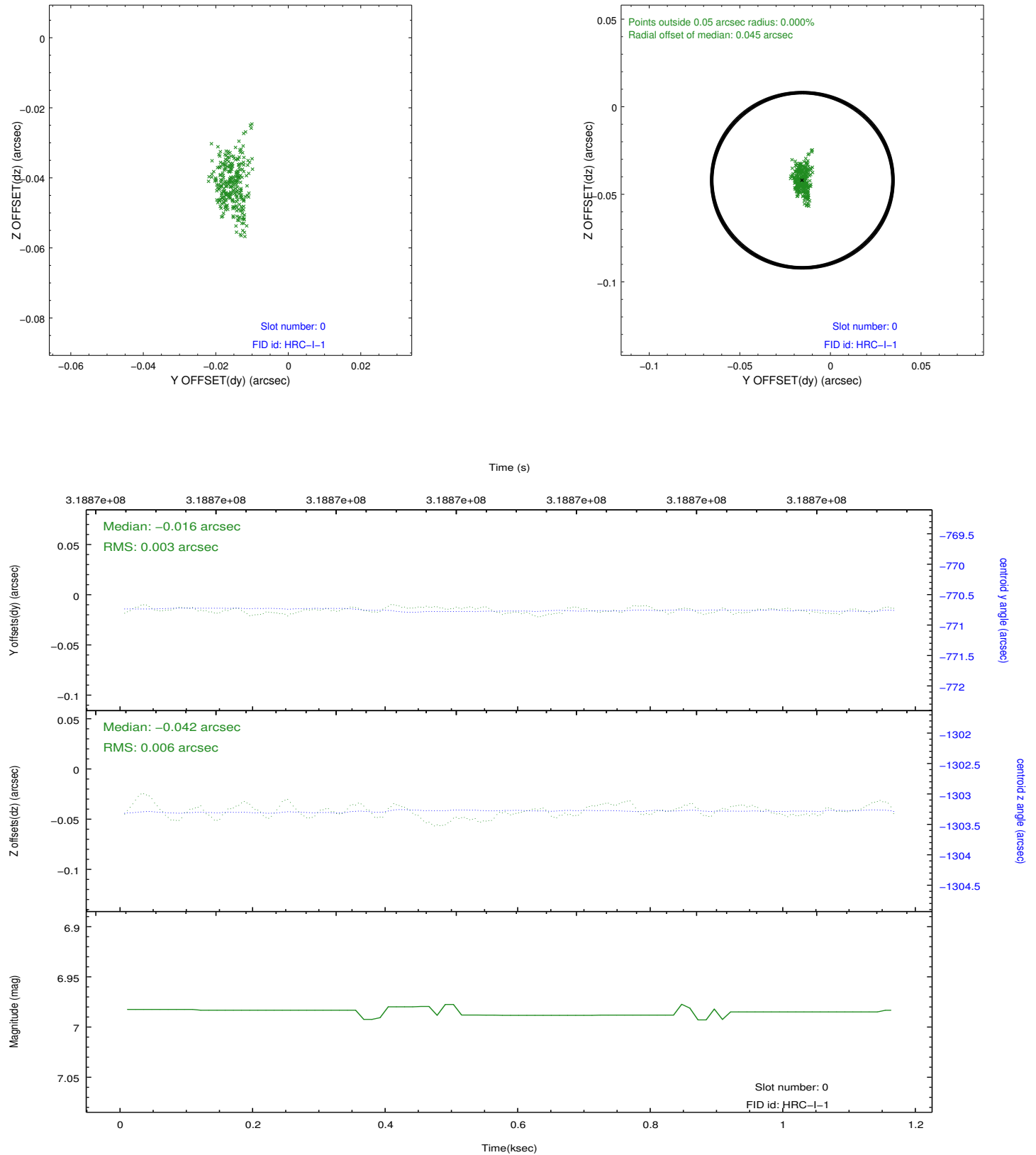


2.4.5 Slot 7

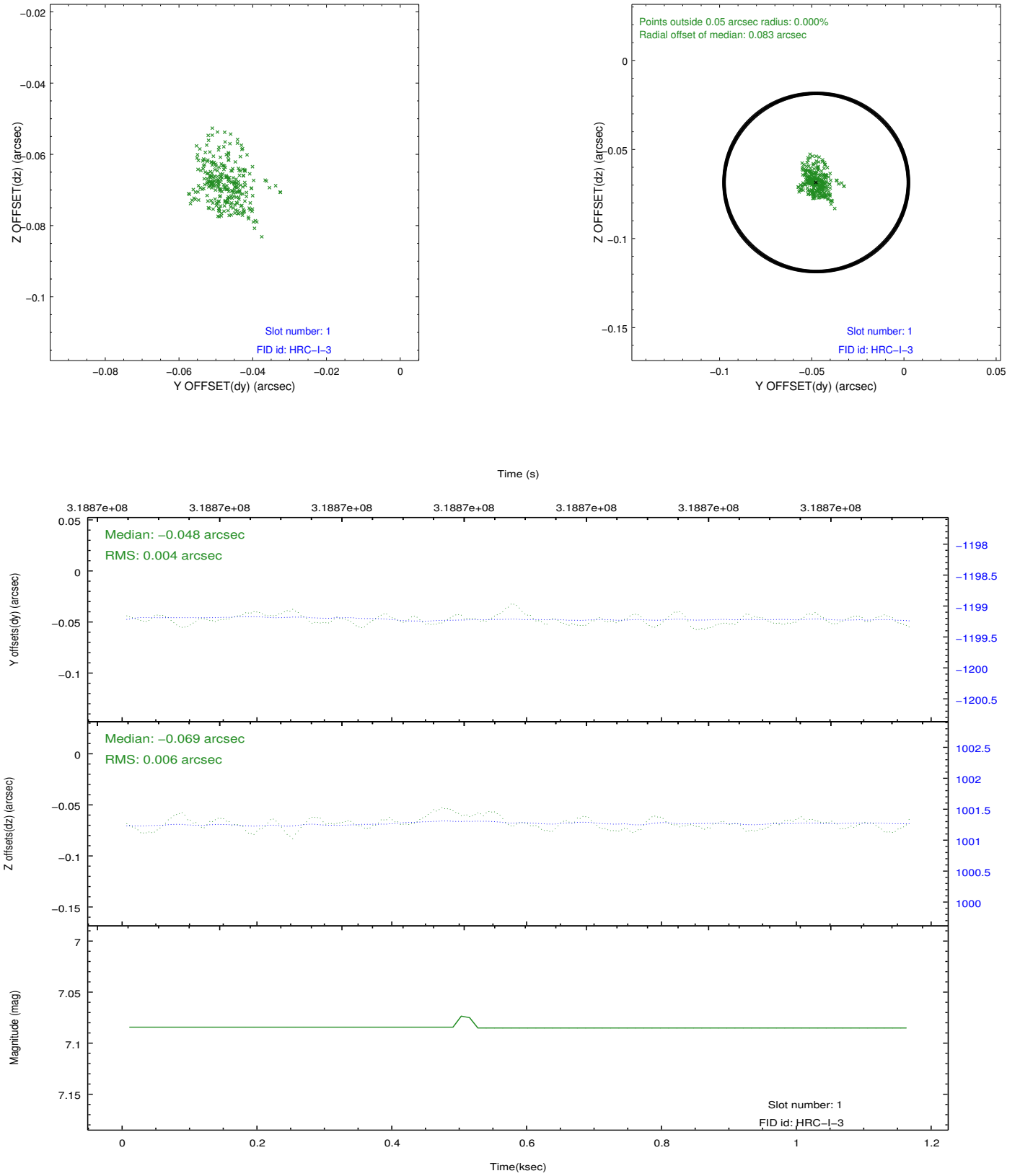


2.5 FID Slots

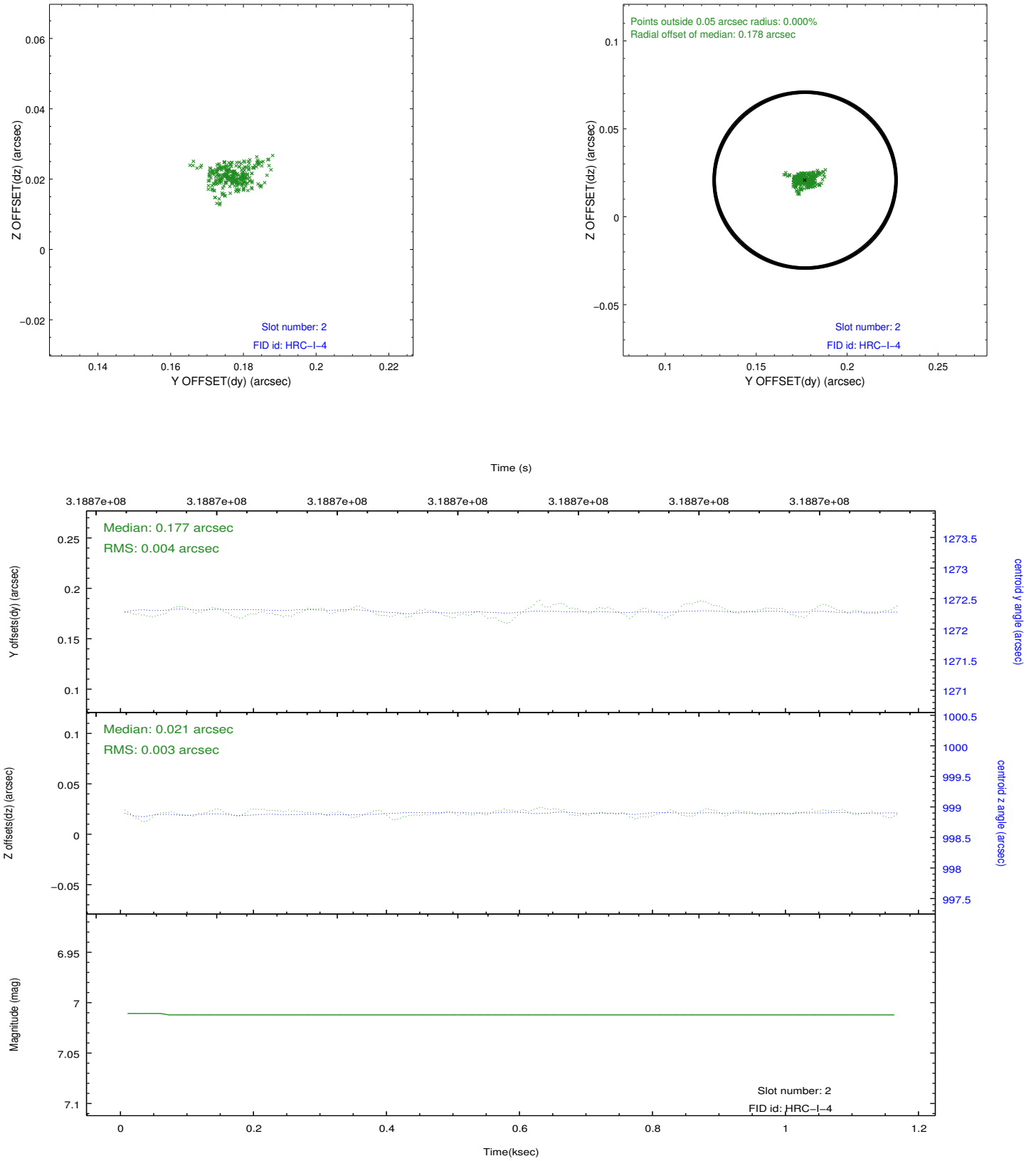
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.16132505

A.2 Comments