

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7594 - L2 Version 2
Chandra X-Ray Center

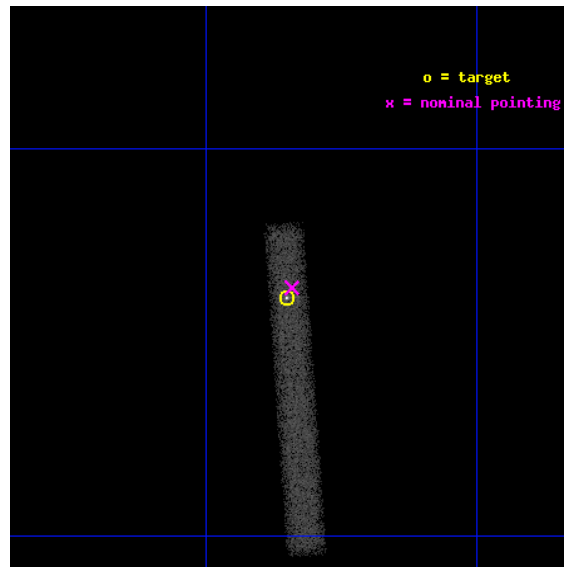
L2 Processing Date : May 11 2012

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1 Front

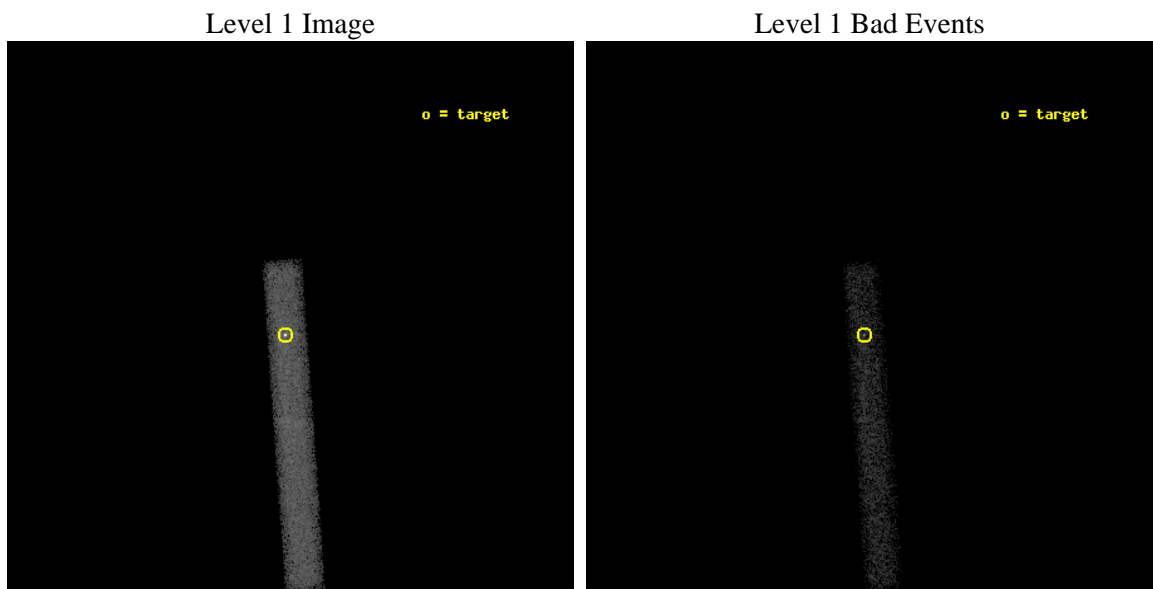
seq_num	500724	Sequence number
obs_id	7594	Observation id
title	New Developments from the Transient AXP XTE J1810-197	Proposal tit
observer	Prof. Jules Halpern	Principal investigator
object	XTE J1810-197	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	272.462917	Observer's specified target RA [deg]
dec_targ	-19.731028	Observer's specified target Dec [deg]
ra_nom	272.46054245705	Nominal RA [deg]
dec_nom	-19.72673649243	Nominal Dec [deg]
roll_nom	85.85582679994	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29660.798232079	Sum of GTIs [s]
livetime	26900.778371194	Livetime [s]
ontime7	29660.798232079	Sum of GTIs [s]
l2events	23629	Number of level 2 events



2 OBI

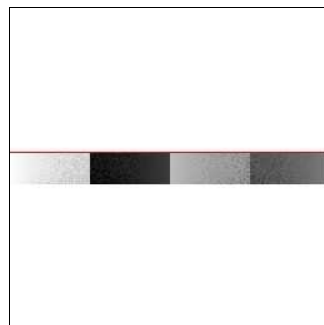
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	29500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	29660.798232079	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	29660.798232079	Sum of GTIs [s]
date	2012-05-11T13:39:47	Date and time of file creation	l1events	46071	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

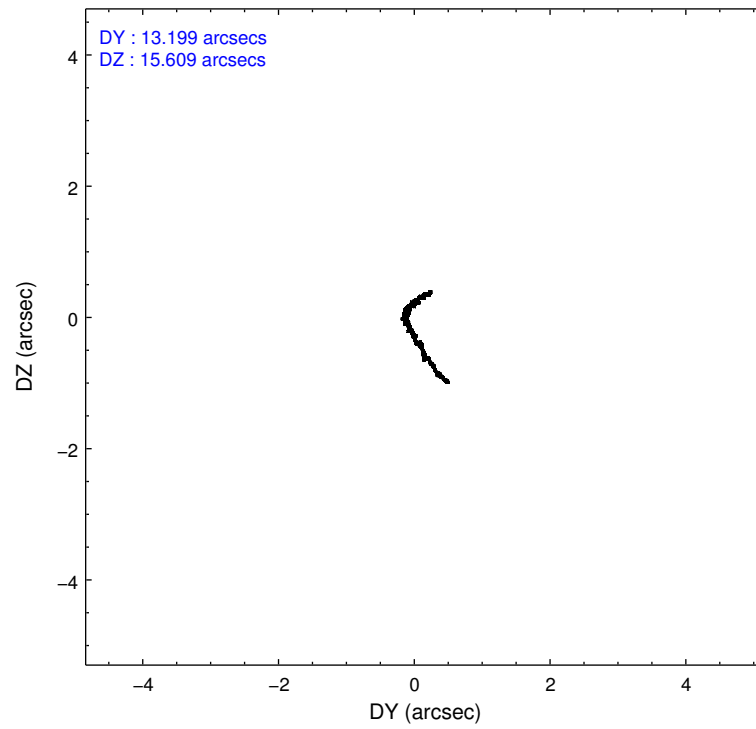
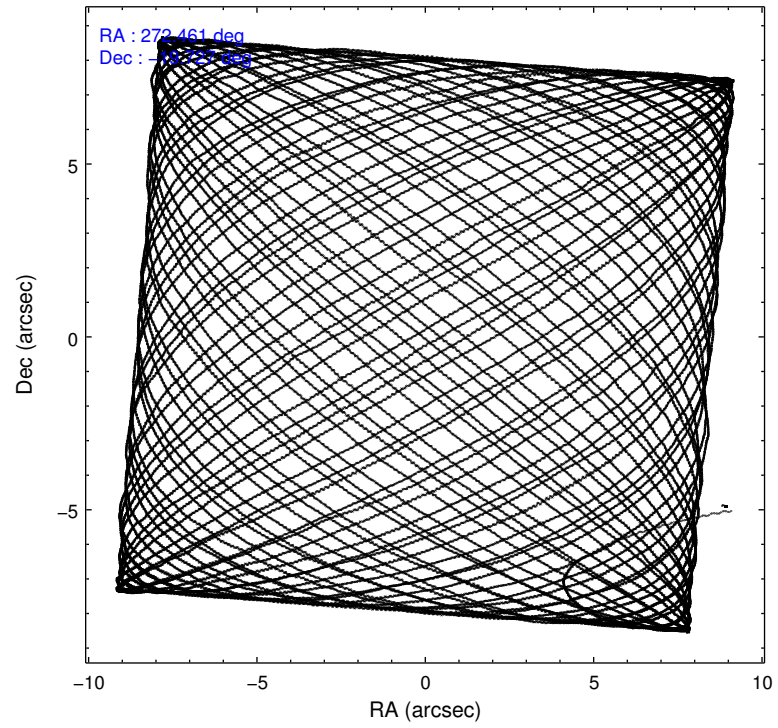
	ccd 7
level 1 events	46071
rejected events	21768
rejected %	47%

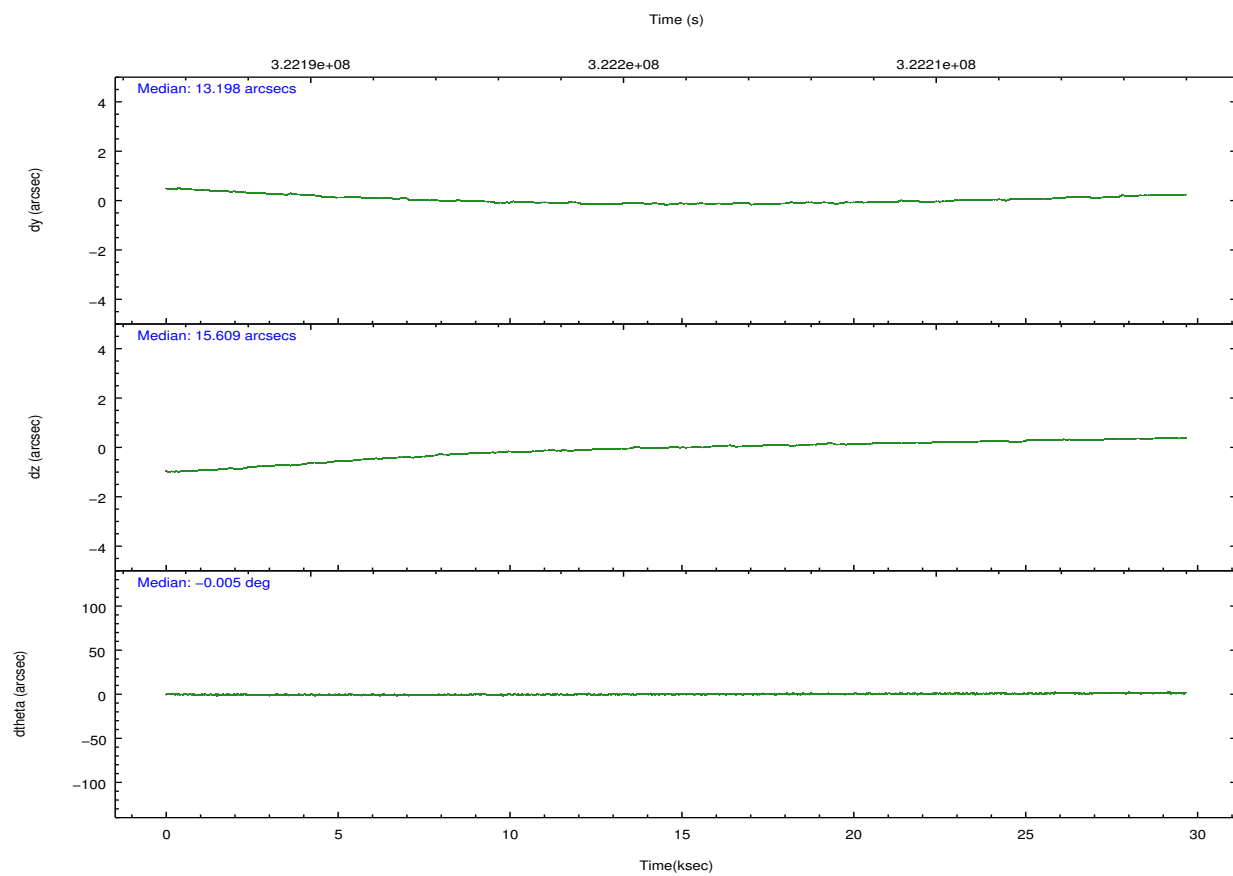
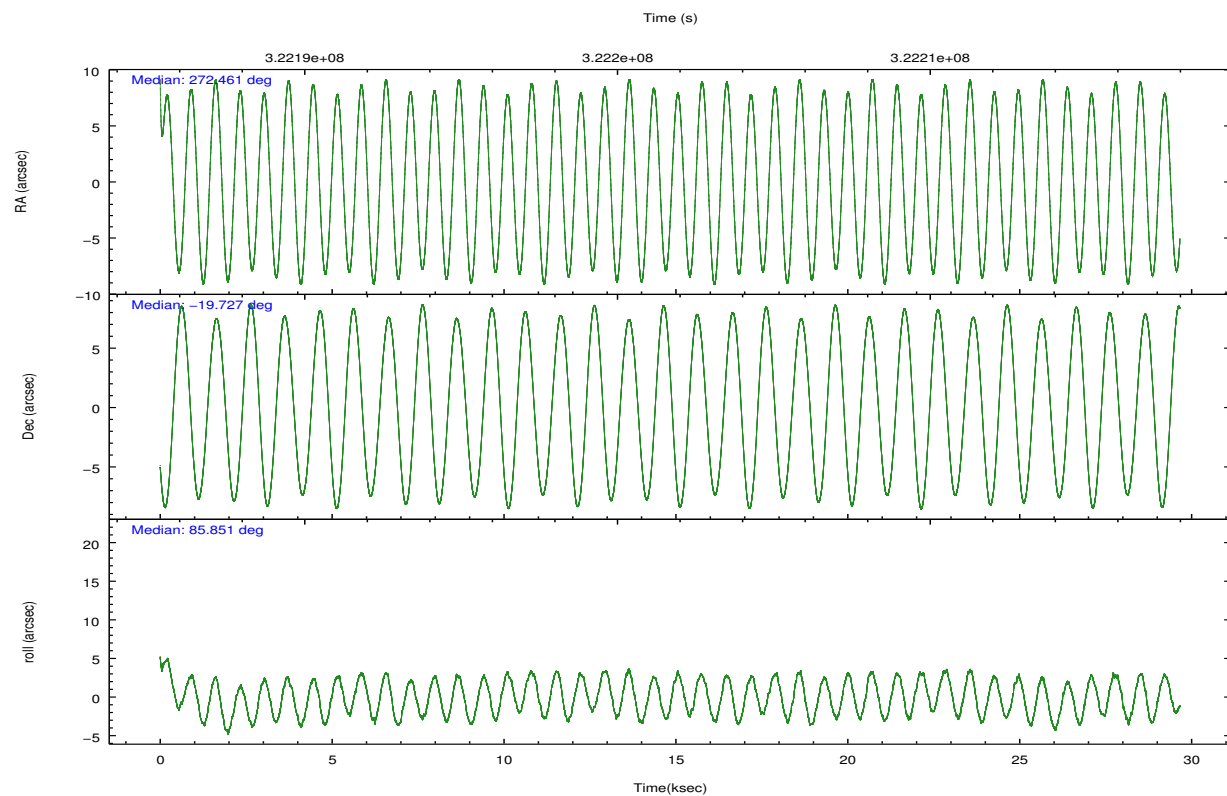
	ccd 7
grade 0 events	3649
	7%
grade 1 events	62
	0%
grade 2 events	5433
	11%
grade 3 events	3135
	6%
grade 4 events	2987
	6%
grade 5 events	3801
	8%
grade 6 events	9717
	21%
grade 7 events	17287
	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	272.473559	272.4605424570511	Subarray requested	CUSTOM	CUSTOM
[deg] Pointing Dec	-19.751169	-19.72673649243033	Subarray start row	462	462
[deg] Pointing Roll	85.703599	85.85582679994029	Subarray row count	100	100
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	322187008.184000	322185940.13821			
Observation start date	2008-03-18T00:22:23	2008-03-18T00:05:40			
[s] Observation end time (MET)	322216508.184000	322217474.26474			
Observation end date	2008-03-18T08:34:03	2008-03-18T08:51:14			
Read mode	TIMED	TIMED			

2.3 Aspect



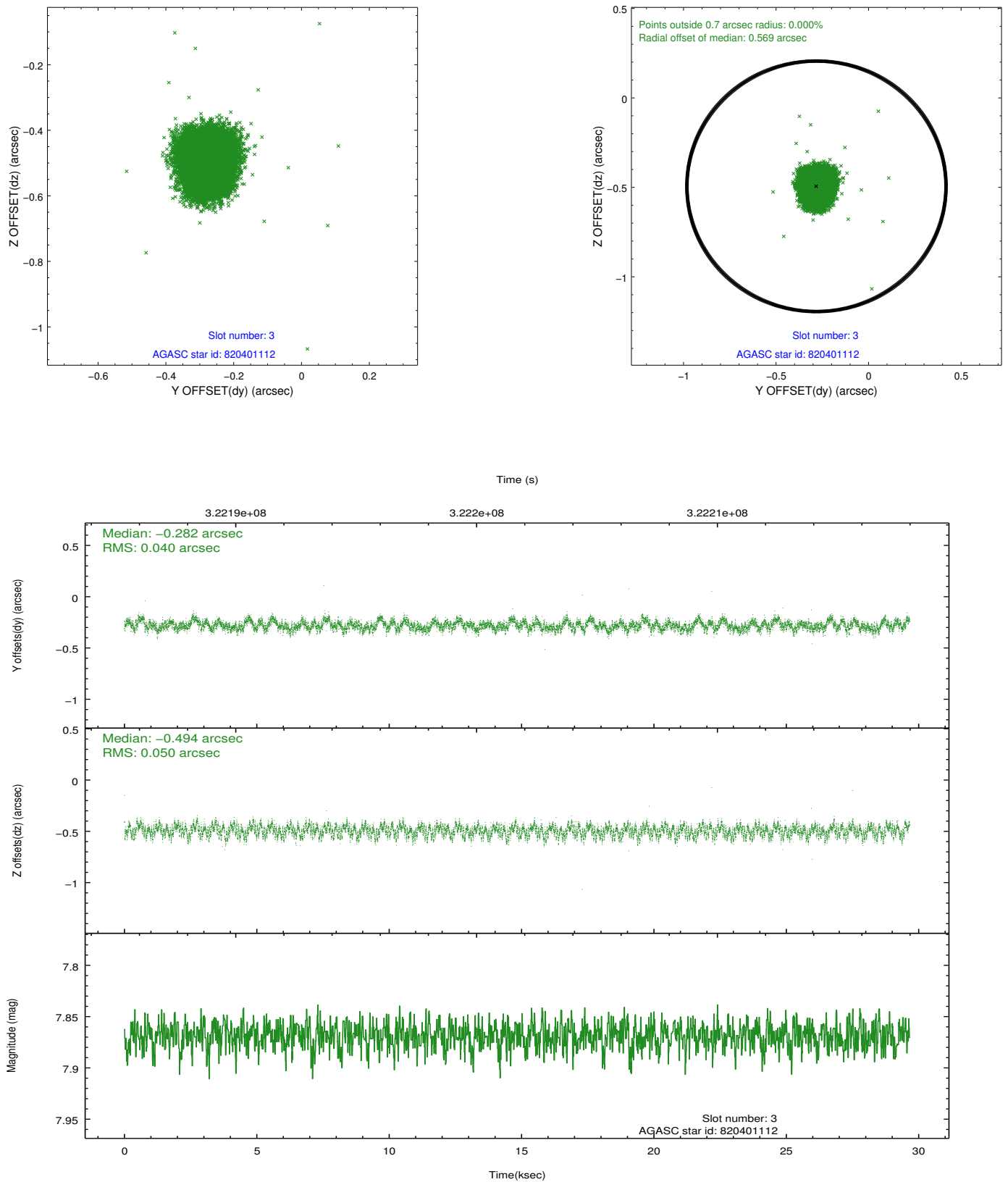


Slot Statistics

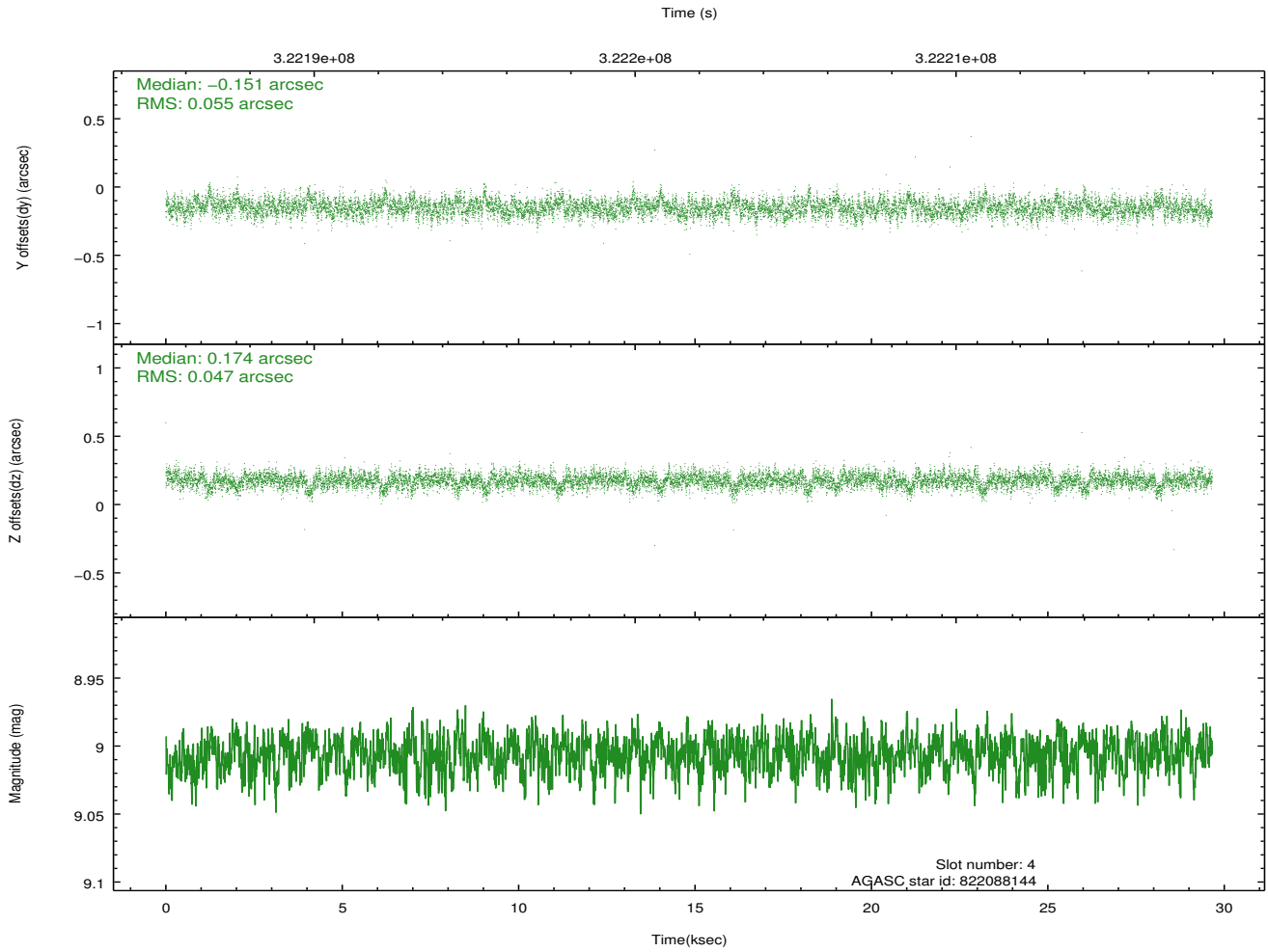
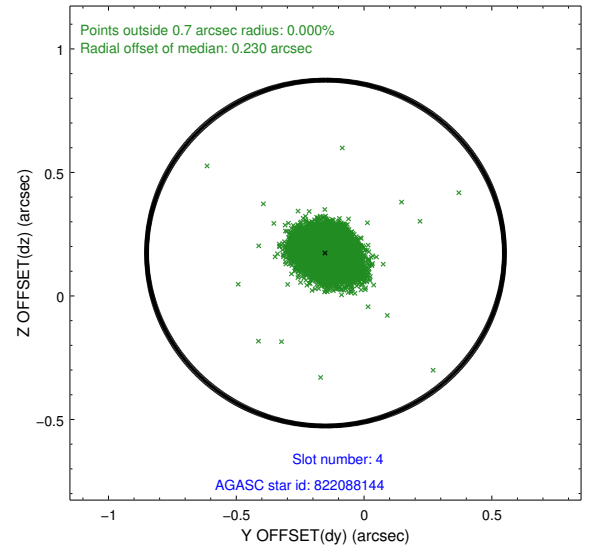
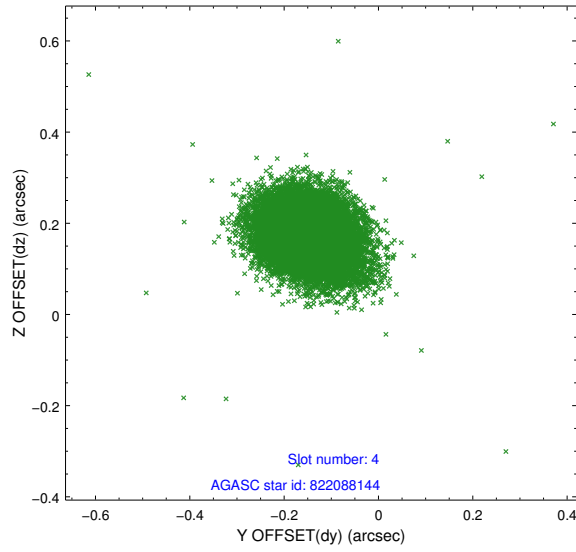
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	7235	-0.052	-0.017	0.010	0.022	0.000000	0.000000	-766.20	-1736.92
1	FID	ACIS-S-4	7.19	7235	0.166	0.030	0.011	0.028	0.000000	0.000000	2147.24	171.57
2	FID	ACIS-S-5	7.22	7235	-0.146	-0.004	0.009	0.016	0.000000	0.000000	-1819.06	165.24
3	GUIDE	820401112	7.87	14467	-0.282	-0.494	0.069	0.106	271.884761	-19.293988	1487.79	2117.86
4	GUIDE	822088144	9.01	14464	-0.151	0.174	0.075	0.125	272.849323	-19.208046	2044.43	-1126.91
5	GUIDE	822096760	8.04	14464	-0.021	0.149	0.054	0.090	272.830526	-19.438690	1211.82	-1123.97
6	GUIDE	822102416	7.48	14465	0.176	-0.175	0.052	0.086	272.173216	-20.087156	-1282.66	921.69
7	GUIDE	822087128	7.92	14466	0.272	0.351	0.054	0.089	272.956072	-20.371006	-2104.88	-1790.93

2.4 Star Slots

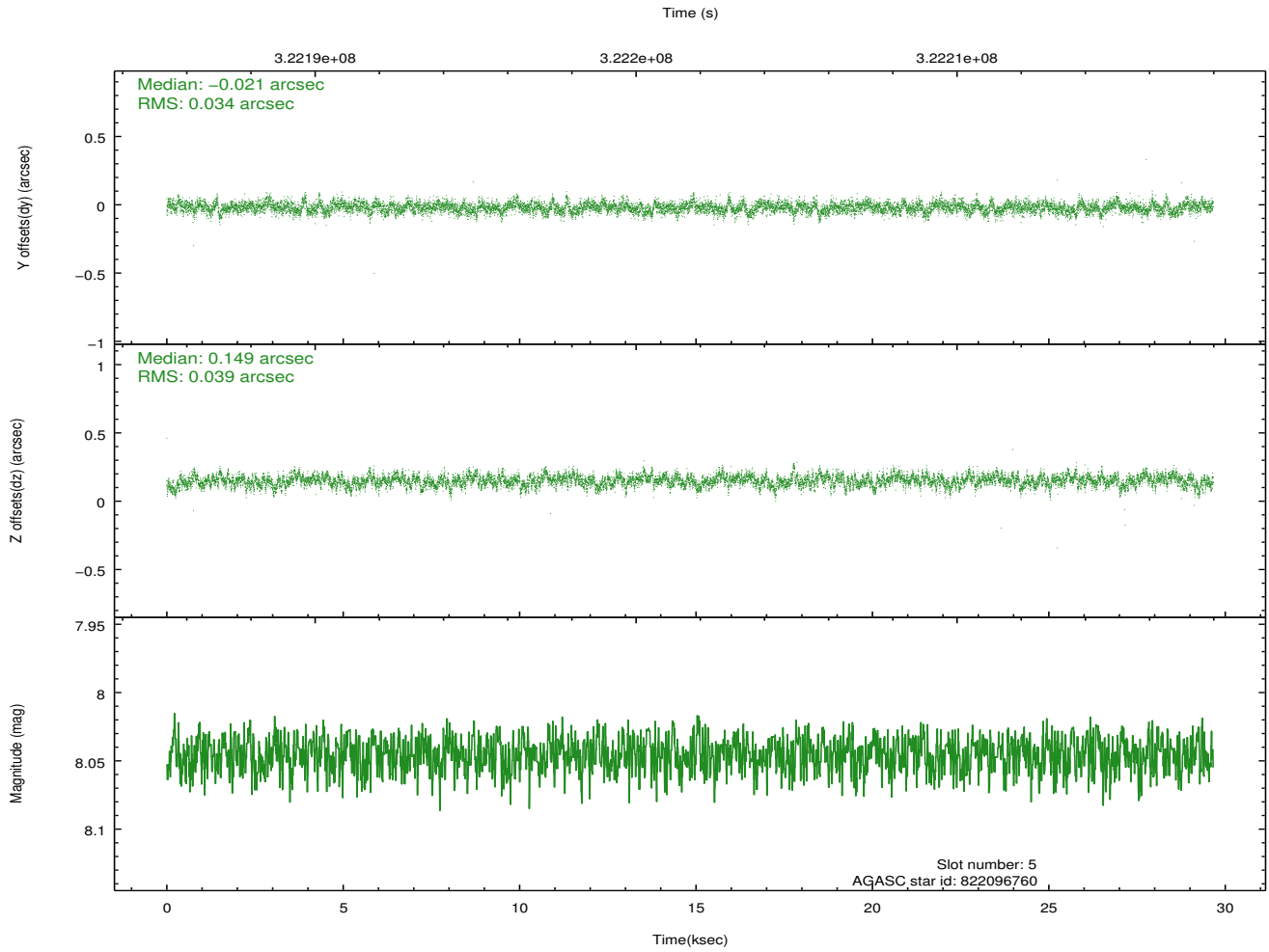
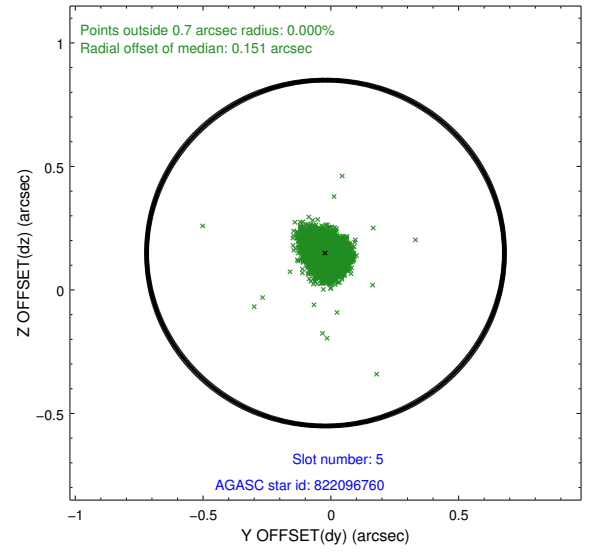
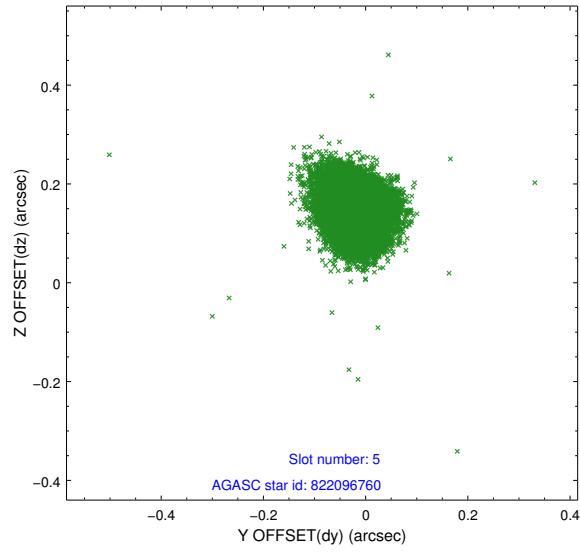
2.4.1 Slot 3



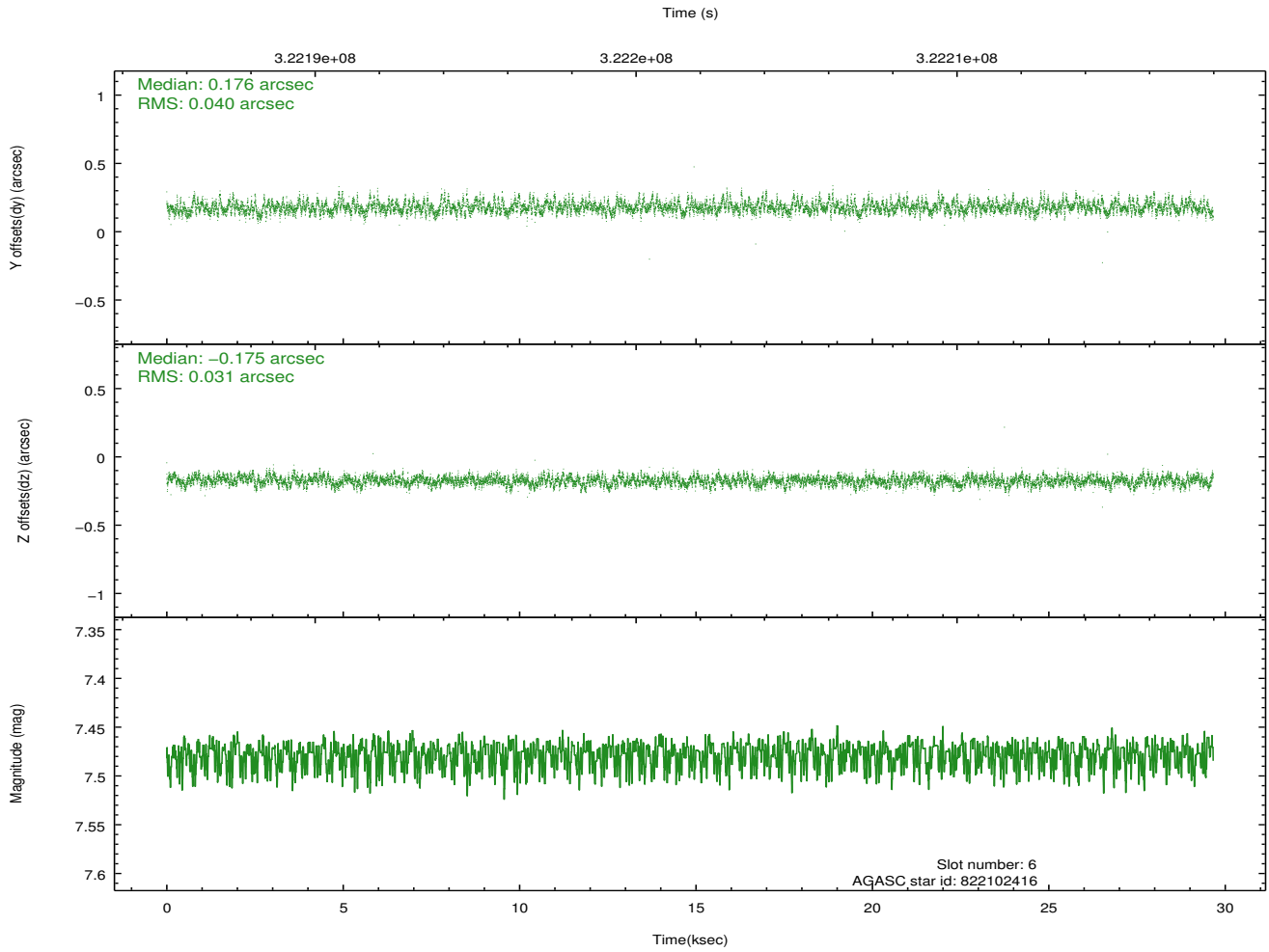
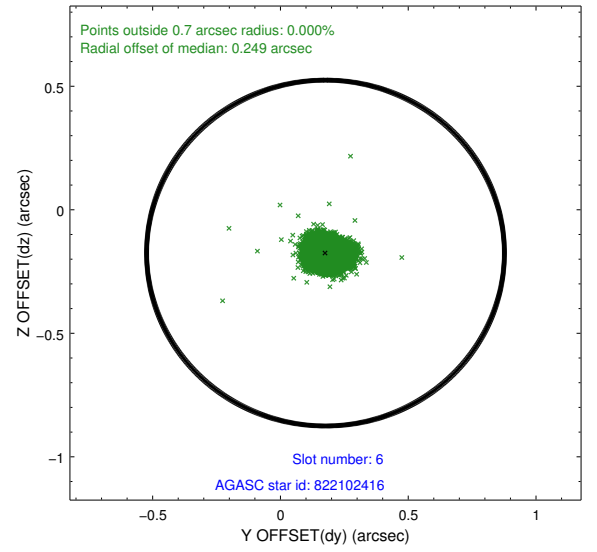
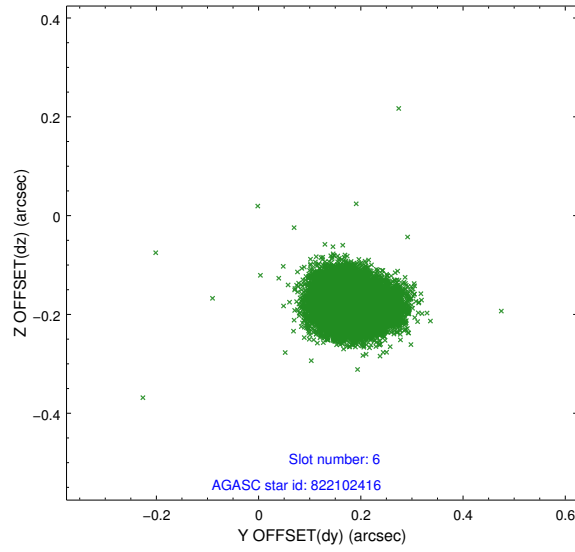
2.4.2 Slot 4



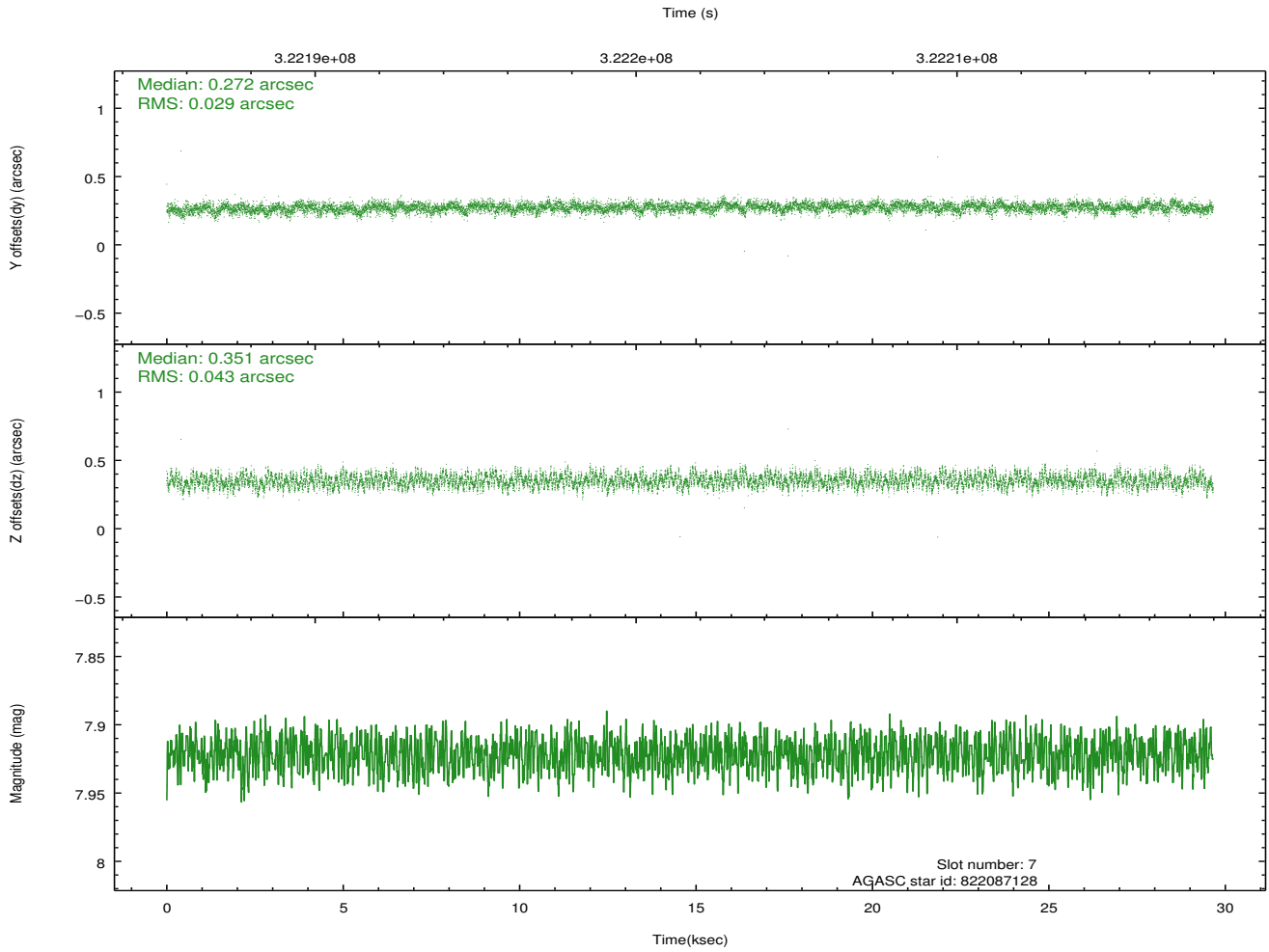
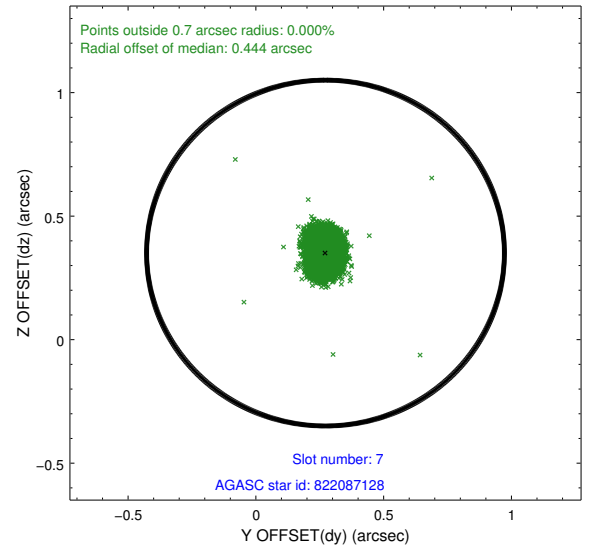
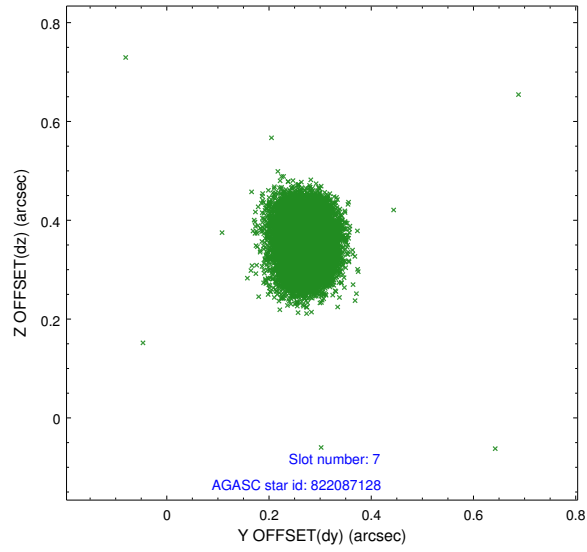
2.4.3 Slot 5



2.4.4 Slot 6

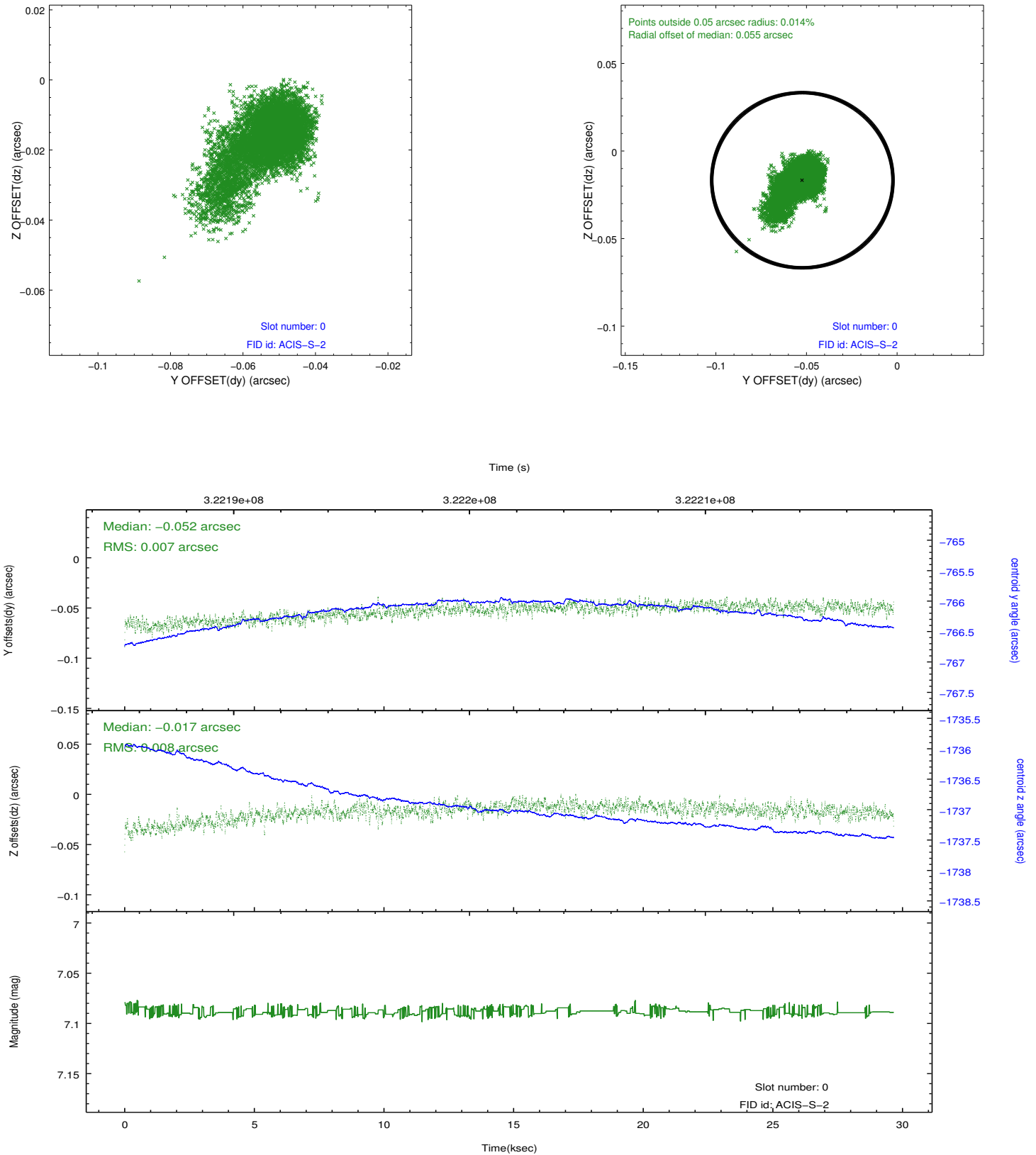


2.4.5 Slot 7

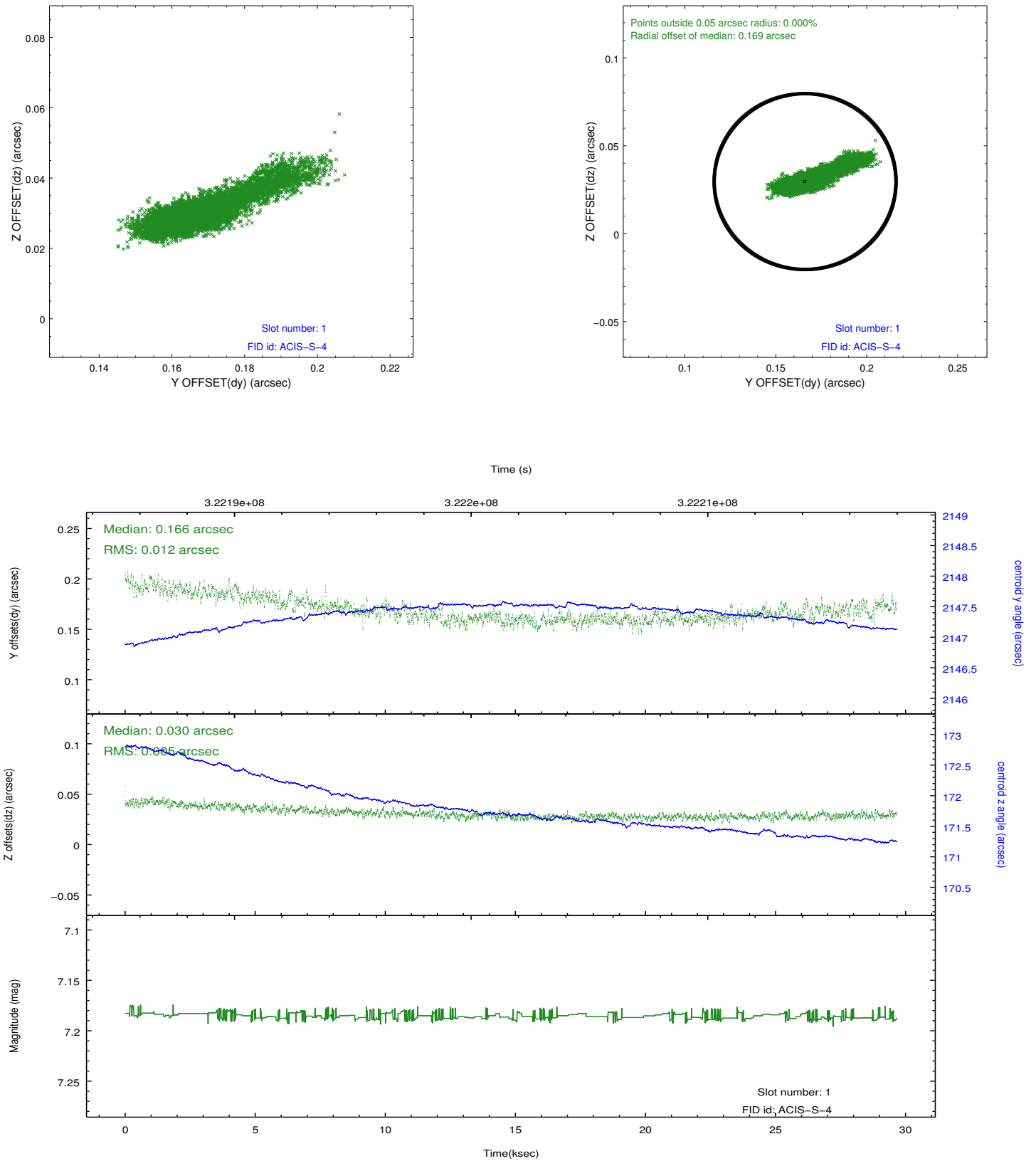


2.5 FID Slots

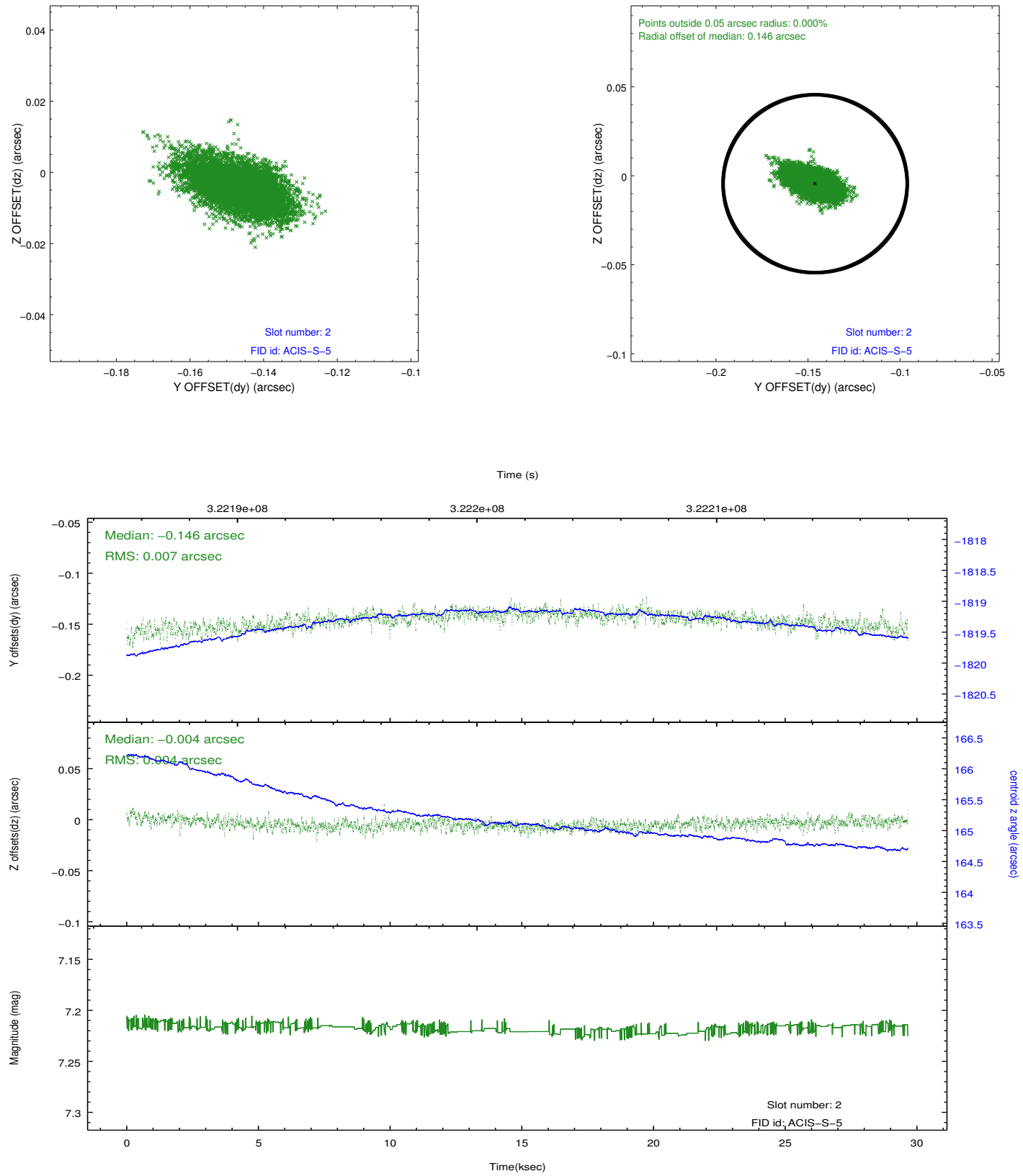
2.5.1 Slot 0



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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.6607982

A.2 Comments

Joint proposal with NRAO.