

## Seventh Annual 3905 Century Club Mobile Antenna

# Shoot Out

The Seventh Annual 3905 Century Club Mobile Antenna Shootout was conducted on August 2, 2008 in Hanover, Pa. We had 15 mobile setups entered into competition, and all systems testing were fairly conventional.

We changed our test frequency this year from 7.23 MHz to 3.95 MHz since the lower frequency requires more efficient antennas for optimum results.

Our test setup utilized the same components as used in past shoot outs except for an improved receiving loop and tuning circuit. In order to insure equal power for each antenna, one transmitter set for approximately 8 watts was carried from vehicle to vehicle.

The test results were:

	Call	Antenna	Vehicle	Mount	Recorded Voltage (Mv)
1	AA1NZ	Hi-Q	F/S Crossover	Center Roof	118.8
2	NJ9T	Predator	Ford SUV	Rear Bumper	115.2
3	K0WJ	Predator	Full Size Pickup	Ctr Rear Bumper	104.4
4	WA3EOP	Hi-Q	Compact Sedan	Rear Bumper	78.1
5	KS9WI	Hamstick	Full Size Sedan	Raised Rear Bumper	73.6
6	AJ4IM	Hamstick	Full Size P/U	Rear Bed Corner	51.9
7	N3CQ	Tarheel	Full Size Sedan	Trunk Lid Center	37.6
8	KB3PU	Hustler	Mid Size Sedan	Side Trunk Lid	34.8
9	W8NET	HomeBrew	Full Size P/U	Rear Bumper Ctr	30.8
10	NE9DH	Multi-Hustler	F/S Mini Van	Rear Bumper Ctr	18.4
11	KI4DFS	Hustler	Full Size Sedan	Center Trunk Lid	13.5
12	KD8EZS	Hi Sierra	F/S Mini Van	Rear Hatch Side	9.9
13	N2OCW	Hi Sierra	Ford SUV	Rear Side Bumper	5.9
14	W5IL	Hamstick	Mid Size Sedan	Roof Mag Mount	2.7
15	N2OCW	Hamstick	Ford SUV	Center Roof	1.7

First and Second Prizes were "Top Gun" caps  
Third Prize was an ARRL Antenna Handbook  
Fourth Prize was an ARRL Radio Amateurs Handbook  
Fifth Prize was an ARRL Repeater Directory

I would like to thank Bill Dobson (N3WD) and his group for an excellent Eyeball Meeting and a wonderful "shooting" range. I would also like to say thanks to all who participated in making the shoot out a success, especially:

N3WD - Did the signal strength measurements and recording  
KS9WI - Organized and set up the contestants  
K0WJ - transported and operated the test rig in the vehicles  
NJ9T - filled in and assisted on "shooting" end of range  
KE9OI - stayed and helped me pick up afterwards !

Once again, it was my pleasure to conduct the Annual Shoot Out. Please join us next year.

Respectfully,

Tom AA1NZ (Shoot Out Coordinator)