

3905 Century Club

2011 Connecticut Eyeball

10th Annual Mobile Shootout

This year's Mobile Shootout was held on July 15, 2011 at 1400 hours in Enfield, CT. There were a total of 19 participants and 7 different brands of antennas. As in the past, the installations were interesting and varied. Of special interest this year was the Hamstick entry of KS9WI. Keith utilized three radials of Hamsticks in addition to his main Hamstick radiator....and it worked well enough to garner him second place. Two of these radials were 40 Meter Hamsticks. I wonder how much better he would have done with THREE resonant Hamstick radials?

First place went to Steve – KC4YBO, followed by Keith – KS9WI in second place and Dave – WN1F in third place.

Repeating last year's addition is a column that indicates the difference in dB between each individual score and the high score. Keep in mind that 6dB is one S-Unit. I've provided this conversion to lend some validity to the shootout and to let the winners know that they didn't beat everyone by as much as they think they did and to reassure the non-winners that they didn't do nearly as badly as they think they did. After all, even the lower placed finishers still manage to squirt out contacts on the nets and that is the true test of a mobile installation.

Also, keeping in step with last year's format, after the first table, which includes all participants, are additional tables which make it easy to compare the results of similar types of antennas. Hopefully this will make it easier to compare your antenna to the leader in your particular group.

If you want to maximize your mobile signal, please visit <http://www.k0bg.com/> and follow Alan's instructions; he knows what he's talking about.

Many thanks to Don, AA2DS for running the transmit site and to Kevin, KJ1I for helping Don and for the many pictures he took of the entries. Also thanks go to Bill, N3WD again this year for helping with the scoring.

We had a great venue for this year's Shootout – probably the best we've ever had. The Shootout was not without its problems, however, not the least of which was the misstep your Shootout Master experienced when it took him 25 minutes to diagnose the problem as the test transmitter being set up on 40 Meters instead of the 80 Meter test frequency. Like I was told later, “At least you'll always remember this.” SO TRUE.

We were very grateful this year to have received several items for prizes donated by Ron Douglas, NI7J, the manufacturer of the Scorpion line of antennas and many antenna accessories. Ron graciously donated a \$49 1:1 Balun, two weatherproofed Shunt Coils that work on basically any mobile antenna and a \$759 Scorpion SA-680 Black Widow mobile antenna which was traded to our last place finisher, Bill, N3WD in exchange for his Tarheel 300 antenna. I'm not saying that this will happen every year, so any of you that plan on “Sand-bagging” during next year's contest better think again. Thanks, Ron, for your generosity.

I'm already looking forward to next year and I hope to see many of you there again.

73,
Lon, K0WJ

Test Order	Call	Antenna	Vehicle	Mount	Score	dB Down From the High Score
6	KC4YBO 1st Place TOP GUN	Tarheel 200A	Town & Country Minivan	Hitch Receiver	364	0
9	KS9WI 2nd Place BIG GUN	Hamstick w/3 Hamstick Radials	Buick Sedan	Hitch Receiver	284	1.08
3	WN1F 3rd Place BIG GUN	Texas Bug Catcher	Ford Expedition	Center of Rear Bumper	270	1.3
10	NE9DH	Hamstick	Silloute Minivan	Roof Rack	237	1.86
12	W3NZ	Tarheel 200	Toyota Tundra	Hitch Receiver	226	2.07
11	WT0A	DK-3 w/30" Cap Hat	Chevy Pickup	Mid Bed Front	212	2.35
18	WB1I	Scorpion SA-6160	Honda Accord	Mid Roof	203	2.54
5	W2UJ	Hustler	Ford Crown Victoria	HB Trunk Lip – Good Bonding	198	2.64
8	W9OO	Hustler (113" Mast)	Honda Civic	HB Mount Center Rear	195	2.71
17	KC0CL	Scorpion SA-680	Ford Escape	HB Mount Left Rear	180	3.06
7	KB1NGD	High Sierra	Toyota Camry	Hitch Receiver	148	3.91
2	KB3PU	Tarheel 200A w/6' Whip	Honda Accord	Hitch Receiver	142	4.09
19	N2OCW	5 Hustler Resonator Array	Buick Sedan	Trunk Lid Center	96	5.79
16	KZ3AB	Tarheel 401	Chevy Tahoe	Rear Frame Left	85	6.32
1	AJ4IM	Hamstick	Ford F-150	Left Rear Bedrail	84	6.37
4	K2RAY	Tarheel Junior	Chevy Tahoe	Cab Roof Mag Mount	79	6.63
14	VE3CMB	Hustler	Dodge Caravan	Hatch Back Left	69	7.22
13	N4CE	Little Tarheel	Chevy Cobalt	Trunk Lid Center	56	8.13
15	N3WD	Tarheel 300	Pontiac Bonneville	Hitch Receiver	48	8.8

Tarheel Antennas

dB Down from KC4YBO

6	KC4YBO 1st Place TOP GUN	Tarheel 200A	Town & Country Minivan	Hitch Receiver	364	0
12	W3NZ	Tarheel 200	Toyota Tundra	Hitch Receiver	226	2.07
2	KB3PU	Tarheel 200A w/6' Whip	Honda Accord	Hitch Receiver	142	4.09
16	KZ3AB	Tarheel 401	Chevy Tahoe	Rear Frame Left	85	6.32
6	N0AXZ	Little Tarheel	2003 Chevy Silverado	Driver's side bed rail behind cab	77	6.75
4	K2RAY	Tarheel Junior	Chevy Tahoe	Cab Roof Mag Mount	79	6.63
13	N4CE	Little Tarheel	Chevy Cobalt	Trunk Lid Center	56	8.13
15	N3WD	Tarheel 300	Pontiac Bonneville	Hitch Receiver	48	8.8

Hamstick Antennas

dB Down from KS9WI

9	KS9WI 2nd Place BIG GUN	Hamstick w/3 Hamstick Radials	Buick Sedan	Hitch Receiver	284	0
10	NE9DH	Hamstick	Silloute Minivan	Roof Rack	237	0.79
1	AJ4IM	Hamstick	Ford F-150	Left Rear Bedrail	84	5.29

Hustler Antennas

dB Down from W2UJ

5	W2UJ	Hustler	Ford Crown Victoria	HB Trunk Lip – Good Bonding	198	0
8	W9OO	Hustler (113" Mast)	Honda Civic	HB Mount Center Rear	195	0.07
19	N2OCW	5 Hustler Resonator Array	Buick Sedan	Trunk Lid Center	96	3.14
14	VE3CMB	Hustler	Dodge Caravan	Hatch Back Left	69	4.58

All Other Motorized Screwdriver Types

dB Down from WTØA

11	WTØA	DK-3 w/30" Cap Hat	Chevy Pickup	Mid Bed Front	212	0
18	WB1I	Scorpion SA-6160	Honda Accord	Mid Roof	203	0.19
17	KC0CL	Scorpion SA-680	Ford Escape	HB Mount Left Rear	180	0.71
7	KB1NGD	High Sierra	Toyota Camry	Hitch Receiver	148	1.56