

2021 Mobile Antenna Shootout Recap

After almost three years of preparation and two years of false starts, the Florida-based dynamic duo of **Dwight Greenberg, WF4H**, and **Ben Goldfarb, AE4NT**, conducted a successful Mobile Antenna Shootout at the Eyeball gathering in Louisville, Mississippi at 9:00 AM on July 17, 2021. Thirteen competitors vied for the coveted Top Gun award on a perfect morning at a private airfield outside Starkville generously provided by **Doug Camp, K5BAK** under the auspices of Eyeball Host **Kirk Frazier, AA1NA**.

Significant contributions by a volunteer crew including **Fred Caswell, K1UU**; **David Feeney, WN1F**; **Jenny Goldfarb, KM4NEK**; and **Rusty Kirkpatrick, WU2T** enabled the event to run smoothly, exceeding expectations. With their excellent coordination, we were able to line up contestants, check their power output, bring them to the transmitting position, and measure and record their signals efficiently with time to spare. Despite the 45-minute return trek to Louisville, all of us were back in time for lunch.



The receiving station was run by Ben, AE4NT, along with Spreadsheet Queen Jenny, KM4NEK. Fred, K1UU, and Rusty, WU2T (who was also designated event photographer) managed the traffic to the transmitting line, along with Dwight, WF4H, and David, WN1F, who measured each station's output power. Each station transmitted three unmodulated test signals at the required output power of thirty watts on the chosen frequency of 7.268 MHz. After each two competitors' results were recorded, control station WF4H transmitted a test signal to determine whether changing conditions required the application of an adjustment factor.

Kudos to the top finishers! **Jim Higgins, KB3PU** won Top Gun this year, followed by Big Gun **James Hunt, K15DQ**, and Son of a Gun **Frank Drewes, KK5XX**. Condolences to the misfiring last place finisher, who was testing a new installation on his Jeep, Pop Gun **Doug Roberts, NE0A**. Full results are presented below.

FINISH	CALL/NAME	ANTENNA	VEHICLE	ANTENNA LOCATION	SIGNAL (dBm)	dB Down from Top Gun
1st TOP GUN	Jim Higgins, KB3PU	Tarheel 200A	Honda Accord LX	Hitch, Center Rear	-46.47	0.00
2nd BIG GUN	James Hunt, KI5DQ	Tarheel 100A	Chevy Colorado	Truck Bed	-46.67	0.20
3rd SON OF A GUN	Frank Drewes, KK5XX	Tarheel 200A-HP	Mitsubishi Outlander	Trailer Hitch	-47.23	0.77
4th	Fred Caswell, K1UU	Scorpion SA6-160	GMC Sierra	Home Brew Actuator Mount	-47.60	1.13
5th	Mike Rush, KU1V	Hamstick	Volvo S60	Mag Mount	-47.67	1.20
6th	David Feeney, WN1F	Scorpion SA-680	Ford F250	Breedlove Mount	-47.77	1.30
7th	Dwight Greenberg, WF4H	Scorpion SA-680	Toyota Tacoma	Bolt-In	-48.40	1.93
8th	Doug Wittich, N3VEJ	Little Tarheel II	Honda Odyssey	Mag Mount	-49.23	2.77
9th	Gary Slagle, K9GWS	Diamond D330	Hyundai Santa Fe	Permanent	-49.67	3.20
10th	Tim Force, N8TF	Ameritron SDC-100	Ram 2500	Bull Bar	-50.03	3.57
11th	Dave Yarbrough, AI4K	Hamstick	Hyundai Santa Fe	Mag Mount	-53.83	7.37
12th	Donald Dison, WW5DD	Hustler	Ram Pickup	Homebrew	-56.37	9.90
13th POP GUN	Doug Roberts, NE0A	Little Tarheel II	Jeep Wrangler	Lip Mount	-59.33	12.87