

## April Special Event Raffle!

The April General Meeting is your last chance to get your tickets for a chance to win a Comet CAA-500 Antenna Analyzer ! You have to buy your tickets at the meeting but you don't have to be a member or be present to win! Tickets are \$5.00 each so buy as many as you want!

Since the February meeting, the SSARC has been selling tickets for a prize drawing at the April club meeting, for an Comet CAA-500 antenna SWR & IMPEDANCE analyzer. I have had the pleasure to check-out this CAA-500 and I can report it works as advertised.

The CAA-500 covers a frequency range of 1.8 to 500 Mhz. Its output to the antenna is about 0 dBm (1 Milliwatt) from 1.8 to 300 Mhz and about -4 dBm (about 0.3 Milliwatt) from 300 to 500 Mhz. The frequency range of the CAA-500, matches the frequency range of the Field Strength Meter (FSM) built as a club project about 2 years ago. The output power of the CAA-500 can be measured directly on your FSM. The CAA-500 can function as a signal generator over the same frequency range as the FSM.

This is useful for testing frequency response of filters, amplifiers, coaxes, antennas, BALUNS, power splitters, power combiners and many other components used in the communication field. The CAA-500 and the FSM make a very good set of test equipment to use in the shack.

I have used the CAA-500 on a daily basis for over one month. I have gone through about 3 sets of batteries. It has two real useful features that help in battery management. 1) the decimal point blinks when the battery power is getting low, 2) an external battery or power supply can be used. I used the internal batteries for quick VSWR tests and external rechargeable batteries in the shop.

The lucky winner of the CAA-500 in April will get a great piece of test equipment that has many uses.

You can buy tickets (if you have not yet done so) at the next SSARC club meeting April 11 2013 prior to the drawing.



-Jim K16MZ