

630 Meter Band Antenna Experimentation.

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Location: 38 11 15 N, 76 33 59 W
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I have an existing (since 2005), 60 foot self-supported vertical at the end of a pier over the salty Potomac River that I use for my normal HF communication.

This would be a unique opportunity to experiment on an antenna with a "near" perfect ground.

I would like to develop models, procedures and techniques for measuring antenna efficiency knowing that it is on a near perfect ground.

Further, I would like to model and develop matching networks for a relatively short antenna on 630 meters, again delineating procedures and techniques. My results would be available to all on my web site www.n3cxv.com.