

Mervyn Schweigert would like to engage in design and testing of short antennas for use on the 465 to 470KHZ region. Testing different antenna loading methods and measuring efficiency and effective radiated power.

Also wishing to test propagation from a tropical location to the mainland USA during both winter and summer seasons when thunderstorms are present. Testing different emissions for best communications quality.

Design of economical transmitter of low power with frequency stability to carry on digital communications from tropical location to mainland USA.

Picture of antenna is present amateur radio antenna used on 1.8 and 3.5 MHZ bands.
This antenna will be modified for use on the 465-470KHZ band if license is granted.

Thank you very much
Mervyn Schweigert
Owner/Operator