

Richard Webber is requesting permission to experiment with the design and operation of transmitters, amplifiers and antennas for frequencies the 465 kHz – 480 kHz range.

The purpose of these experiments is to investigate the effectiveness of simple transmitters, amplifiers and antenna systems especially where limited space necessitates the use of electrically small antennas. With the likely future creation of an Amateur Radio frequency allocation in the 630m range, the intention is to increase the body of knowledge in the Amateur Radio community to encourage and enable the creation of safe, efficient and interference-free stations for Amateur Radio operators. I intend to share my experimental results with the Amateur Radio community to help ensure any new allocation is appropriately and safely utilized.

Initial focus will be on digital modes and weak signal propagation.

Many thanks for your attention in this matter

Richard Webber
Owner/Operator/Chief Engineer