



White's Electronics, Inc.

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White's Electronics

MX Sport TCB Certification Submittals for Northwest EMC TCB412

TCB-412 ANTENNA INFO

The antenna for this device complies with the requirements of 47 CFR 15.203. The antenna is attached to the transmitter using a unique coupling connector, and no provision is made to permit use of any antenna other than those furnished by the manufacturer.

From cover letter: "The detection field is produced by a transmit coil with dimensions of about 10 by 6 inches. The excitation signal is produced by an L-C oscillator having a nominal frequency of about 13.9kHz and oscillator DC power input of about 250mW."

The additional optional 13.9Khz eclipse 9.5" 950 coils, 13.9Khz eclipse 6X10, and the 10" DD(10"X6") coils construction can be found within the theory of operation.

Sincerely,

Tyler Sims

Engineering Manager



*American Made Metal Detectors for over 50 years*