

Date: 17/12/2018
Re: FCC Modular Approval
FCC ID 2AHNOW2CTRLMK2

To Whom it May Concern,

Ramtech Electronics Limited, as the manufacturer, is seeking FCC Modular Approval of its WES Control Board MK2 (W2CTRLMK2), operating at 916.5MHz.

The W2CTRLMK2 radio circuit is based upon a Texas Instruments CC1125 transceiver, with all of the radio circuitry contained within an on-board shielding can.
A RF connector is provided to attach an external ¼ wave whip antenna (Linx ANT-xxx-PW-QW), which is factory fitted. The fixed antenna shall be the model used during compliance testing and shall not increase the gain of the module above regulation limits.

All necessary compliance testing to Specification FCC 47CFR 15.247 & FCC Rules CFR 47:2018 Part 15.109 Class B, have been carried out by Element Materials Technology Ltd, of Hull, UK.
Test reports are included with the document submission.

The manufacturer will have full control over the installation and use of the module as it will only be installed into Ramtech Electronics Ltd products, including but not limited to:

Product Code	Product Description
W3-ECP-CSS-N-9X	Emergency Call point
W3-LNK-NNN-N-9X	Link
W3-SEN-HTD-N-9X	Heat Sensor
W3-SEN-SMP-N-9X	Dust Proof Smoke Sensor

Thank you for your attention to this matter,

Yours faithfully,



Dan Lewington
Compliance Engineer
Ramtech Electronics limited,
Nottingham
UK

