



Celltech Labs Inc., 21-364 Lougheed Road, Kelowna, British Columbia, Canada V1X 7R8
Tel: 1-250-765-7650

FCC Test Lab: CA3874

Date: 23 December, 2021

To:

Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland 21046
USA

RE: tekmar Control Systems Ltd. FCC ID: 2AHQR-11500A

This is an application for a new certification request of tekmar Control Systems Ltd, FCC ID: **2AHQR-11500A**, Model: **1150-01**. The 1150-01 is a Class A industrial boiler controller containing two (2) FCC pre-certified modules:

FCC ID: 2AC7Z-ESP32WROOM32E (WiFi Only)
FCC ID: QOQMGM12P0 (802.15.4 Only)

The 1150-01 utilizes the WiFi mode only and 802.14.4 mode only of the modules, respectively, and are capable of simultaneous transmission. There are no other transmitters/transceivers. Since simultaneous transmission conditions exist along with the modular transmitter co-location restrictions, certification is required in accordance with the 47 CFR §2.947(f), FCC KDB 996369 D02 and FCC KDB 996369 D04.

The modules were certified in accordance with 47 CFR §15.247 (DTS). The 1150-01 was evaluated for the simultaneous transmission condition and was found to comply with §15.247. The 1150-01 was also evaluated for unintentional radiation and was found to comply with the requirements of §15.207 and §15.209 for a Class A digital device.

As required by 47 CFR §2.1091, an RF Exposure (MPE) evaluation is required for this host device and the results of that evaluation accompany this application.

Should there be any questions or concerns with this filing, please feel free to contact me.

Sincerely,

Art Voss, P.Eng., BS EE
Technical Manager



21-364 Lougheed Rd
Kelowna, BC, V1X 7R8, Canada
250-765-7650 Ext 202
art.voss@celltechlabs.com
www.celltechlabs.com