

08/07/2022

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Dear Sir/Madam:

Enclosed please find an application for an original equipment certification of Model TR44KA; FCC ID: 2AWAS-910-00130 under Rule FCC Part 25 ATC Base Station (specifies in § 25.103). The device is a Remote Radio Head Band 24 4T4R 8W FDD 5G NR / 4G LTE RAT, Carrier BW 5MHz/10MHz, ORAN Split 7.2 CAT-A. This radio operates in the 1.5./1.6 GHz Mobile-Satellite Service Band 24, the transmitter from 1526 MHz to 1536 MHz and the receiver from 1627.5 MHz to 1637.5 MHz and 1646.5 MHz to 1656.5 MHz, it supports channel bandwidths of 5 MHz and 10 MHz. The radio supports modulation types of QPSK, 16QAM, 64QAM and 256QAM for LTE and 5G NR. The radio has 4 TX/RX ports. It will work for LTE or 5G NR operates at a maximum power of 2W per port for channel bandwidth of 5 MHz, 10 MHz. This radio (TR44KA) supports 4x4 MIMO. The User Manual and Operational Description submitted with this application is only valid for the model specified in the TR44KA. If additional information is needed, please contact me on the below listed number.

Sincerely,

Jadran Lokas
Associate VP, Head of Radio Partners & Radio Development