

15/06/2020

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

To Whom It May Concern,

Single Modular approval is being sought for the device with proposed FCC ID: 2ASGC-MREX460

Although the device meets seven of the eight modular approval requirements, we do not wish to meet requirement 4 as the module has a fitted SMA connector. This antenna must be professionally selected and fitted and therefore we wish to comply with the professional installation requirements of 15.203.

The module meets the seven of the eight modular approval requirements as follows.

1. All the RF circuitry and components of the MReX 460 RF section are shielded. The module has been tested on a jig that allows stand-alone operations and does not provide additional shielding.
2. All the module inputs, outputs and serial communication are buffered. The radio modulation levels and clock rates used for modulation are completely independent of the digital circuit of the module.
3. The MReX 460 contains internal 3.3V power supply regulation with appropriated filtering. The module also checks voltage rail and prevent transmission if they outside specification.
4. The MReX 460 has an RF SMA connector fitted.
5. The module has demonstrated compliance as a stand-alone device. No host is required and only a power supply is required in order to operate as a complete product.
6. The MReX 460 is labelled and shows the FCC ID. The FCC ID may be not visible when the module is installed in another device or enclosure. The OEM integration section of the MReX 460 manual states that the FCC ID: 2ASGC-MREX460 must be displayed following the FCC labels rules (KDB Publication 784748)
7. The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee. The MReX 460 manual extensively demonstrate the appropriated integration of the module with the host device.

8. RF Exposure information is included in the user manual supplied with this application.

Kind regards

A handwritten signature in black ink, appearing to read "Shannon Reardon".

Shannon Reardon
Director/Engineer
WTE Limited