

< Promethean Ltd >

Modular Transmitter Approval Request

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Company name: Promethean Ltd
FCC ID: QAM-AP9-WIFIBT-AB

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v02'. FCC ID QAM-AP9-WIFIBT-AB has been examined against the following requirements.

Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v02	Explanation from Grantee (do not write yes/no, but explain why product complies/how it is achieved)
The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly	Shielding is provided by a metal cover over the circuitry.
The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal	All modulation and data inputs are buffered by circuitry on the transmitter chip.
The module must contain power supply regulation on the module	Power supply regulation is provided by circuitry on the transmitter chip.
The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	The antenna is connected to the module with the means of unique coupling .
The module must demonstrate compliance in a stand-alone configuration	Testing was performed with the module extended outside of the host on a special extender board, as shown in the test setup photos.
The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	A sample of the host label is provided as an exhibit, showing the FCC identifier of the module.
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 module complies fully with the operating requirements of Part 15 section C & E as demonstrated in the test report exhibit.
The module must comply with RF exposure requirements	Yes, Please see the MPE report, the modular meets MPE calculation.

Name: John Harrison

Date: 2022/3/5

Title: Head of Product Compliance and Certification.

Signature of applicant

