



Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

19-Nov 2021

Attn: Reviewing Engineer

Subject: REQUEST FOR FCC MODULAR TRANSMITTER APPROVAL
FCC ID: 2ACUWEK042

To Whom It May Concern:

We, Miele & Cie. KG, hereby request a modular / limited modular approval.

In CFR47 §15.212 "Modular Transmitters" and KDB 996369 D01 "Module Equip Auth Guide" there are following eight numbered requirements defined:

1. 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.
The module has its own shielding (see external pictures).
2. The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.
The module has a double buffered interface, see schematics (Integrated Circuit: CC3200r1).
3. The modular transmitter must have its own power supply regulation on the module.
The module has its own 3.3V voltage regulator inside the SoC (see block diagram).
4. 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 §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).
The module has a PCB antenna (see internal pictures).
5. The module must demonstrate compliance in a stand-alone configuration.
The module was tested in a stand-alone configuration (see test set-up pictures).
6. The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number (KDB 784748).
The module is labelled with its FCC ID, further information about labelling is found in the manual.
7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements
The module complies with Part 15.247. Specific operating requirements, installation and other requirements are indicated in the manual.
8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.
The module complies with applicable RF exposure requirements.

Yours sincerely
(Sabrina Berghahn)