

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21046

20th of July 2011

Oticon Fusion 2 based wireless RITE 4 module
FCC ID: U28FURIT04

Modular Approval Request

We would like to approve the above product by certification as a Limited Single-Modular Transmitter in accordance with FCC Part 15 about unlicensed Radio Frequency Devices in paragraph §15.212 for Modular Transmitters.

The requirements of the Modular Transmitter paragraph §15.212 are met as follows:

1. The radio module has only got RF shielding of a major part of the RF circuit, not completely. The product is also constrained to be used solely by Oticon A/S and its daughter companies or sold to Original Equipment Manufactures (OEM) of Hearing Instruments only. Therefore we apply for a Limited Modular Approval. The module is a fully integrated and inseparable part of an amplifier module for Rite style hearing aids. Therefore the radio module alone cannot be used by end users. The behaviour of the wireless module is locked by the design and can only be changed by Oticon A/S, so the compliance of the end product is always ensured. (See further descriptions in the radio model installation guide and/or user manual)
2. The amplifier module includes buffer stages for its external data/programming inputs.
3. The wireless part of the engine block inside the amplifier module shares the power supply with the digital signal processing (DSP) part of the engine block. Therefore we apply for a Limited Modular Approval with the same argumentation as in point 1.
4. The radio part of the amplifier module has only an integral and permanently attached antenna.
5. The amplifier module was tested in a stand-alone configuration, but mounted inside a Hearing Aid plastic shell, as can be seen in annexes A-C of the CETECOM Test Report No. **1-3041-01-02/11**. The module fulfils Part 15 emission limits without any additional RF shielding.
6. The size of the whole amplifier module (engine block and motherboard) is less than 1/4 inch so the labelling information is located in the user manual and radio model installation guide.
7. The amplifier module is compliant with all applicable FCC rules. Maintenance of compliance is always ensured as only Oticon A/S is authorized to alter the antenna or other wireless related behaviours.
8. The amplifier module is compliant with all applicable RF exposure requirements. Maintenance of compliance is always ensured as only Oticon A/S is authorized to alter the antenna or other wireless related behaviours.

If you have any questions, please feel free to contact us at the address shown below
Sincerely,



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