

19. 9. 2024

Federal Communications Commission
Authorization & Evaluation Division
7345 Oakland Mills Road
Columbia, Maryland 21046

RE: Request for Modular Approval R24-TR-8xGx:

To Whom It May Concern:

We are requesting **Single Modular** Approval. In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 Module Equipment Authorization Guide (current version), **MICRORISC s.r.o.** has been examined against the following requirements:

(If any are checked "no" please provide an explanation why.)

Essential Elements of 15.212(a)(1)	Yes	No
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	x	
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	x	
The module must contain power supply regulation on the module	x	
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)	x*	x**
The module must demonstrate compliance in a stand-alone configuration	x	
The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	x	
The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee	x	
The module must comply with RF exposure requirements	x	

*TR-82GA, TR-85GA and TR-86GA variants include an integrated antenna, the answer is YES for these variants.

**The TR-82G and TR-86G variants allow the connection of an external antenna via a solder pad, so we do not have the possibility to limit the type of antenna used. Therefore, we require integrators of TR-8xGx modules to use a specific type of antenna that has been properly tested. Furthermore, for these variants we require integrators to perform professional installation. We point out all of these facts in the technical documentation for the TR-8xGx modules, and we also include a statement that a new FCC certification is required when using a different type of antenna.

Please contact me if there is any information you may need.

Sincerely,

Martin Špiller

CTO

MICRORISC s.r.o.

