



Modular Transmitter Approval Request

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

Grantee: SAF Tehnika JSC, 24a Ganibu Dambis, Riga LV-1005, Latvia
Product: Aranet Radio Module, M/N TDSPRMU1
FCC ID: W9Z-ARANETRM

The product has been examined and meets all the requirements for modular approval as detailed in 47 CFR 15:

Requirement per 15.212		Explanation from Grantee
i	The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.	Yes, radio elements of the module are mounted under a dedicated shield.
ii	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.	Yes, the module data inputs are buffered.
iii	The modular transmitter must have its own power supply regulation.	Yes, the module has onboard voltage regulation.
iv	The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c). The antenna must either be permanently attached or employ a "unique" antenna coupler.	Yes, the module has built in PCB antenna.
v	The modular transmitter must be tested in a stand-alone configuration.	Yes, the module has been tested in stand-alone configuration.
vi	The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	Yes, the module has permanently affixed "FCC ID: W9Z-ARANETRM".
vii	The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.	Yes, the module complies with all specific rules applicable to the transmitter including all the condition provided in the integration instructions by the grantee.
viii	The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Yes, the module complies with the RF Exposure limits.

November 22, 2019

Aivis Danovskis, product manager