

Date: 01/20/2026

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

To Whom It May Concern

Dear Sir/Madam,

Please find enclosed an FCC Part 90 and Part 15C Class II Permissive Change application for FCC ID MRBSATEL-TA37.

Due to discontinued production of components, the following changes were required in SATEL-TR49 radio modem module (MRBSATEL-TA37).

1. TX power amplifier Qorvo RF6886 (100-1000MHz) and its peripherals have been replaced by Guerrilla GRF5504 (100-550MHz) and GRF5509 (700-1000MHz) and their peripheral bias and matching components.
2. Low noise amplifiers Avago MGA-68563 have been replaced by NXP BGU6104 amplifiers.
3. SAW filter (902-928MHz) has been added before TX power amplifier GRF5509.

It has been verified by accredited testing that above changes do not affect radio performance of the product.

In addition, SATEL-TR49 has been tested for unwanted radiated emissions with two different antennas, CompleTech CA930Y-TNC (nominal gain 6 dBi) and McGill Microwave Systems MM-ANT-NM-915-6DBI (nominal gain 6 dBi).

Sincerely,



Pekka Suominen

Certification Engineer

Satel Oy