PHOENIX TESTLAB GmbH
Product Certification
Königswinkel 10
D 32825 Blomberg

Date: 21 June 2017

Attn: Reviewing Engineer

Subject: PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL

To Whom It May Concern:

We, *Satel Oy*, hereby requests for part 15 unlicensed modular transmitter approval of our device, described as follows:

Brand name: SATELLINE-M3-TR9
Model name: SATEL-TA31
FCC ID: MRBSATEL-TA31

In FCC Public Notice DA 00-1407 released June 26, 2000 there are eight numbered requirements that our device complies with:

1. The modular transmitter must have its own shielding.
It has its own shielding (see external pictures)

2. The modular transmitter must have buffered modulation/data inputs
Serial interface is buffered using IC1 and IC20 (both types NLSV8T244)

3. The modular transmitter must have its own power supply regulation
It has own 3.1 V switching power supply using IC10 (LTC3612HUDC)

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c
The module is measured with external antennas supplied by the manufacturer. They both fullfil requirements of above mentioned standard sections. There is no integrated antenna on module.

5. The modular transmitter must be tested in a stand-alone configuration
It was tested in a stand-alone configuration (see test setup pictures)

6. The modular transmitter must be labelled with its own FCC ID number
Is is labelled with its own 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.
It complies with the specific rule or operating requirements.

8. The modular transmitter must comply with any applicable RF exposure requirements.
It complies with applicable RF exposure requirements for fixed/mobile operations.

Yours sincerely,

Pekka Suominen, Certification Engineer

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