

FCC
Federal Communications Commission

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28.02.2019
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Request for a modular approval - FCC ID: XPYTOBYL280

Dear Application Examiner,

the module "TOBY-L280" is seeking FCC authorization as a modular transmitter.

The requirement of the FCC part 15.212 are met.

The following requirements are fulfilled:

1. The modular transmitter must have its own RF shielding

The radio portion of the module has its own RF shielding.

2. The modular transmitter must have buffered modulation/data inputs

The module has a memory management unit inside of the IC. It buffers the data inputs.

3. The modular transmitter must have its own power supply regulation

The IC contains an own voltage regulation. In case of changes in the supply voltage VCC (for example caused by temperature changes or other effects), the internal voltage will be stabilized.

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c

Not applicable to licensed transmitters. Module is professionally installed and antenna gain is listed in the installation instructions.

5. The modular transmitter must be tested in a stand-alone configuration

The EUT was tested in a stand-alone configuration.



6. The modular transmitter must be labelled with its own FCC ID number

The Module is labelled with its own FCC ID.

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.

The EUT is compliant with all applicable FCC rules.

8. The modular transmitter must comply with any applicable RF exposure requirements.

This device has been assessed for mobile use and complies with the limits.

Please contact us if you have any additional questions.

Best Regards,

A handwritten signature in blue ink that reads 'Sören Berentzen'.

Sören Berentzen
Project Manager
7layers GmbH