

Declaration of HW change on peiker module V1140-103-1

HW change: Removal of the Rx diversity path

During discussions with our lead customer, peiker learned that when a V1140-103-1 module is installed in the car, the car antenna does not support antenna diversity. Therefore, in such a case the delivery of V1140-103-1 modules with assembled receiver diversity path is function- and cost-wise not reasonable.

In contrast to the already certified and type-approved module, peiker does not plan to assemble the Rx diversity path for the following Rx bands: FDD1, FDD2, FDD5, FDD6 and FDD8.

Only passive electronic parts are being depopulated, and no change was made to the:

- PCB layout
- transmitter and primary receiver paths
- basic frequency determining and stabilizing circuitry (including clock or data rates),
- frequency multiplication stages, basic modulator circuit
- maximum power or field strength ratings
- modulation type
- software installed in the transmitter

As the change has no impact on the transmitter, we are hopeful that it may be approved under the same FCC ID.

Expected performance impact:

peiker has verified the modified module and does not observe any degradation¹ in the EMC and RF characteristics reported to and accepted by the Commission. The change does not affect the transmitter radio frequency emissions.

¹ Degradation for EMC parameters as defined by FCC in KDB 178919 D01 Permissive Change Policy V06, October 2015