



MULTIPLEX Modellsport GmbH & Co.KG • Westliche Gewerbestr.1 • D-75015 Bretten

MULTIPLEX Modellsport GmbH & Co KG
Westliche Gewerbestr. 1
D-75015 Bretten-Gölshausen

Telefon 0 72 52 / 58093-0
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Internet www.multiplex-rc.de

To whom it may concern,

RE: Request for modular approval
Model: QBaseModem
FCC ID: 2APABQBASE

We formerly request modular approval on the above reference device pursuant to the requirements of FCC publication 996369 D01 for modular approval of Part 15 devices.

Modular approval requirement	Yes	No	Comment*
(a) The radio elements of the radio frequency circuitry must be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.	☒	☐	The radio elements are shielded with a BMI RF-shield. No external capacitors are used.
(b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable FCC rule part under conditions of excessive data rates or over-modulation.	☐	☒	
(c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.	☒	☐	Input Voltage is 5V, there is a LDO regulator to 3.3V on the module.
(d) The module must certified with specific antennas and these antennas must be contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s).	☒	☐	There is a specific stubby antenna from LPRS (ANT-SS900) with a unique SMA-RP connector.
(e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.	☐	☒	
(f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display.	☒	☐	Label with FCC ID: 2APABQBASE Model: QBaseModem

Commerzbank, Pforzheim (EUR + USD)
Kantonalbank, Schaffhausen (CHF)

IBAN: DE24666400350400178000
IBAN: CH6200782007485225101

SWIFT-BIC : COBADEFF666
SWIFT-BIC : SHKBCH2S

AG Mannheim HRA 503805 • UST-ID : DE225469090 • Steuer-Nr. : 30042/14456 • MWST-Nr. (CH) : CHE-112.746.940 MWST

Geschäftsführer : Chun Sue Park, Dieter Wörner • WEEE : DE89838279 • Gläubiger-ID : DE38ZZZ00000017521

phG : Multiplex Modellsport Verwaltungs GmbH, Bretten (AG Mannheim HRB 505430)



(g) The module shall comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions provided by the grantee.	☐	☒	The modular transmitter meets the requirements when integrated into host configuration.
(h) The module must comply with RF exposure requirements	☐	☒	During normal operation, user extremities never come within 20cm of the QBase Air Modem antenna. Our analysis shows that the evaluated device qualifies for exemption from SAR testing

** Please provide a detailed explanation for each item*

The module is only used in the QBase Ground Modem and QBase Air Modem. Both modems are also manufactured by Multiplex. The Module will never used in other appliances.

Based on the above information this request is for:

☒ LIMITED ☐ SINGLE modular approval.

Sincerely,

Tobias Lauber
6/15/2020

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