

metraTec GmbH – Werner-Heisenberg-Str. 1 - D-39106 Magdeburg

Phoenix Testlab

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Ihre Zeichen, Ihre Nachricht vom

Unsere Zeichen

Telefon

Datum

(0391) 25 19 06 - 00

13. Okt. 2010

Attn: Reviewing Engineer

RE: PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL

To Whom It May Concern:

We, *metraTec*, hereby request for part 15 unlicensed modular transmitter approval of our device, described as follows:

Brand name: metraTec
Model name: QR15
Type number: -HL
FCC ID: YUH-QR15HL

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.

The QR15 HL uses PCB ground planes to achieve sufficient shielding. It does not require additional shielding to comply with all applicable requirements and was tested without additional shielding.

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

All data inputs are buffered by the onboard microcontroller IC1. The QR15 does not feature modulation inputs.

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

The power supply is extensively filtered to avoid any conducted emissions. Power supply voltages other than specified will cause shut down of the transmitter.

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

The onboard antenna has been tested to comply with all applicable requirements. An external antenna connector is not provided.

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

The transmitter was tested in a stand alone application without additional equipment providing shielding, buffers or filters.

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

The label includes FCC ID, IC ID, manufacturer data as well as the product name.

Geschäftsführer:
Dipl.-Kfm. Klaas Dannen
Dipl.-Ing. Frank Steyer

Eingetragen beim Amtsgericht Stendal
HRB 114 987
USt.-ID: DE 814 527 239

Commerzbank Magdeburg
Kto.-Nr.: 20 89 803 00
BLZ: 810 400 00

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 QR15-HL user guide contains all necessary instructions for a compliant integration of the QR15-HL into other equipment. It includes the requirement for testing unintentional radiations of the complete equipment containing the QR15.

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

The QR15 has been tested to comply with all applicable requirements.

Regards,



Tobias Meyer
Head of R&D



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