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PART 15 UNLICENSED LIMITED MODULAR TRANSMITTER APPROVAL

To Whom It May Concern:

We, (*applicant name*), hereby requests for part 15 unlicensed modular transmitter approval of our device, described as follows:

Brand name: Ziehl-Abegg AG
Model name: EM-W
FCC ID: Z48-EMW

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.*

Not compliant, the EUT is not equipped with an own RF shielding.

The RF module will be integrated exclusively by ourself into our own host devices.

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

Complaint, the EUT has buffered modulation/data inputs.

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

Compliant, the EUT is equipped with an onboard 3.3 V voltage regulator.

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

Compliant, the EUT is equipped with an onboard PCB antenna.

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

Compliant, the EUT was tested on a carrier board in stand-alone configuration as shown on the test setup photos.

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

Complaint, the EUT is labled itself with it's own FCC ID and the integration manual contains labelling instruction for the host device for cases, where the FCC ID of the integrated module is not visible from the outside of the host device.

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.*

Compliant, the EUT complies with any applicable FCC rule part. Any integration limitation is clearly addressed in the appropriate integration manual.

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

Compliant, with an EIRP of about 1 mW the device is exempted from the FCC RF exposure requirements.


(Uwe Egner/Project Manager)