

PHOENIX TESTLAB GmbH • Königswinkel 10 • D-32825 Blomberg

FCC

Federal Communications Commission

Königswinkel 10
D-32825 Blomberg, Germany
Phone +49 (0) 52 35 95 00-0
Fax +49 (0) 52 35 95 00-20
office@phoenix-testlab.de
www.phoenix-testlab.de

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Dr. Altmaier-BD

Additional declaration part according to FCC 15.247 for a 902 MHz to 928 MHz FHSS devices

1. Frequency range

The frequency range of this device is 902.25 to 926.75 MHz as declared by the applicant.

2. Examples of hopping sequences

Example of a 50 hopping sequence:

28, 11, 24, 43, 15, 39, 23, 4, 14, 18, 32, 19, 44, 29, 8, 41, 25, 40, 38, 0
20, 13, 42, 27, 6, 34, 7, 45, 37, 16, 3, 47, 36, 46, 9, 2, 21, 5, 48, 17
1, 26, 35, 31, 22, 49, 12, 30, 33, 10, 1, 23, 30, 15, 21, 22, 20, 7, 18, 36
33, 11, 3, 9, 2, 0, 14, 48, 27, 19, 28, 13, 8, 24, 31, 49, 4, 29, 17, 26
10, 25, 32, 44, 16, 37, 46, 12, 38, 43, 45, 35, 42, 47, 39, 34, 5, 41, 6, 40

3. Equally average use of frequencies in data mode

The use of frequencies will be pseudo randomly generated by the use of different channel sequence tables.

So the used hopping sequence will be always different from the one before and an equally average use of the frequencies is guaranteed.

4. The receiver input bandwidth

The input bandwidth of the receiver is 320 kHz. This will be part of the device manufacturing test.

Bank: Stadtparkasse Blomberg
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General Manager: Dr.-Ing. Holger Altmaier

Legal Form: GmbH
Headquarter: Blomberg/Lippe
Register of Companies: Amtsgericht Lemgo HRB 5233
Our VAT-No.: DE 162977933