



Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

IHR ZEICHEN / YOUR REF. IHR SCHREIBEN / YOUR INFORM. UNSER ZEICHEN / OUR REF.

DATUM / DATE
25-Feb-02

Subject: Applicant: KIRK telecom A/S
FCC ID: PXAWRFP4-2G4
731 Confirmation number: EA886262
Correspondence Reference Number: 22023

Dear Sir,

Submitted herewith, on behalf of our customer is an amendment to the subject application, provided in response to your request for technical information:

Q1. The device has two internal antennas (0 dBi) and one external flat panel antenna (8.5 dBi). Provide an explanation of how this configuration operates. Do all 3 antennas transmit simultaneously?

Answer:

The manufactures declares (see attachment) that antenna 1, antenna 2 and antenna 3 in normal use are diversity selected in such a way that the antennas do not transmit simultaneously but are controlled separate by the signals "SEL_ANT1", "SEL_ANT2" and "SEL_ANT3" selecting only one antenna at any time.

Q2. Upload a test procedure for the spurious emissions test. Was the test done in fixed frequency mode or hopping mode. If the spurious emissions tests were done in hopping mode, upload data in the fixed frequency mode.

Answer:

During the measurement the EUT transmitted in a test-mode where you could change the transmitting channels and measure the corresponding channel in the fixed frequency mode. The spurious emissions tests were done for the channel 0 (designated as channel A in the test report), the channel 40 (designated as Cannel B in the test report) and channel 78 (designated as channel C in the test report), each in fixed mode.

Q3. The MPE exhibit implies that this device is mobile with a minimum separation distance of 20 cm. Upload the page of the User's Manual with this information.

Answer:

According to your request please find attached page 21 of the User's Manual which contains the information of separation distance.

We hope this information is sufficient to issue the grant. If you have further questions please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Baschin', with a stylized flourish at the end.

Jürgen Baschin

Electronic Technology Systems Dr. Genz GmbH
Storkower Strasse 38c
D-15526 Reichenwalde bei Berlin
e-mail: baschin@ets-bzt.com

22-02-02

WRFP4-2G4

We hereby declare that the WRFP4-2G4 Antenna 1 and Antenna 2 and Antenna 3 are done for Diversity selection in such a way that the antennas do not transmit simultaneously but are controlled separate by the signals "SEL ANT1" and "SEL ANT2" and "SEL ANT3" selecting only one antenna at a time.

Horsens

Dion Nielsen



Langmarksvej 34 - DK-8700 Horsens

Note:

The Repeater can be fitted with an external antenna to increase the coverage area further. Professional installation is required for the external antenna.

The antenna used for this transmitter is to be fixed-mounted on indoor permanent structures providing a separation distance of at least 20 cm from all persons during normal operation and must not be co-located or operating in conjunction with any other antenna or transmitter.

The maximum radiated output power is 1W e.i.r.p.