

## Mike Kuo

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**From:** Claire Hoque  
**Sent:** December 21 日 2004 年 Tuesday 2:17 PM  
**To:** Mike Kuo  
**Cc:** Thu Chan; Nancy Omron; Chuck Cowden  
**Subject:** answer: interWAVE Communications, Inc., FCC ID: OEW-AGBB-M1, Assessment NO.: AN04T4355, Notice#1



FCC ID  
LABEL(revised).pdf



RF Transmit Power  
Configuratio...

Hi Mike,

Here are the answers.

Question #1: Please delete Part 15 statement on the proposed FCC ID label which is not applicable to this Part 24 base station.  
<answer>FCC ID label has been revised, pls see the attachment.

Question #2: Based upon theory of operation, there are three type of configuration: Indoor Pico Cell BS, outdoor Pico Cell BS and Micro Cell BS. Depends on the configuration, the rated output power for each channel can be 50mW, 1 W or 100W. The measured average output power is 1.77W which does not match with typical configuration. Please confirm the type of configuration for this device and what is the rated output power .

<Interwave>Output power of the CDMA products is based upon average power. The output power will vary depending upon configuration and number of traffic channels/users at any given time. The maximum RF output power per antenna port is 25W on the microcell product line.

For the indoor pico product, it is 50 mW. The outdoor pico is not currently being produced. The 100W figure came from some eary systems that had much larger RF power amplifiers.

Attached is an application note we supply our customers. It explains how transmit power works in CDMA systems, and how to configure it. It also gives typical power levels to expect with various number of active channels, and also examples with Interwave microcell and picocell hardware.

Thanks,

Claire