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## Uniden

January 21, 2005

To: Mr. Andrew Leimer Federal Communications Commission

Re: FCC ID: AMWUP744 Applicant: Uniden America Corporation CRN: 28320

Dear Mr. Leimer:

The information shown on the attached page of this letter was received from ALPS, the actual manufacturer of the Bluetooth Module that is incorporated within the subject device, AMWUP744.

I trust that this information provides a satisfactory response to your request as stated in your email of January 12, 2005.

Thank you for your consideration and please contact the undersigned if you have any questions or need any further information.

Regards,

Jamer R. Hayner

James R. Haynes Vice President, Engineering and Regulatory Affairs

Received from ALPS on January 17, 2005

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Regarding the DUTY, there are two different kind of duty operating with bluetooth mode, one for frequency domain and other for time domain.

1) Frequency domain: 0.013

By assigning the 2402MHz for 2 ch and 2480MHz for 80ch, the duty for frequency sharing would be expressed as 0.013 (= 1/79) due to 79 of total available channels operated with 1 MHz step.

2) Time domain: Duty may be varied from 0.5 to 0.17 depend on actual usage of packet type such as for;

a) In case of HV1 packet;

When respecting 625us of the Bluetooth slot as a transmission unit, 1 slot transmission is made caused by every 2 slot. Therefore, duty is expressed as 0.5 (= 1/2).

b) In case of HV2 packet;

When respecting 625us of the Bluetooth slot as a transmission unit, 1 slot transmission is made caused by every 4 slot. Therefore, duty is expressed as  $0.25 \ (= 1/4)$ .

c) In case of HV3 packet;

When respecting 625us of the Bluetooth slot as a transmission unit, 1 slot transmission is made caused by every 6 slot. Therefore, duty is expressed as  $0.17 \ (= 1/6)$ .

For more better understaing this matter, circuit description is attached herewith;

(See attached file: Operation UGZZ2 UGXZ2.PDF)

Please note that the attachment being referenced was uploaded with the original filing as the Circuit Description file marked as "Confidential".