

Date: 5/22/2008

By: Jerry Kalina
Regulatory Engineer
Datalogic Mobile, Inc.

Re: Correspondence Reference Number 35375
731 Confirmation Number EA941360
FCC ID: U4SPD

To Whom It May Concern,

This letter is in response to the following Request for information received from the FCC Equipment Authorizing Branch concerning the FCC ID application stated above

Please provide detailed descriptions about how simultaneous transmission was disabled for original application under this FCC ID, then later enabled for purposes of this application.

The detailed description on how the simultaneous transmission was disabled for the original application is described in the declaration letter that was provided at the time of the original application. Please refer to the attachment below.

The Reason for the request to enable this function at this time is as follows:

The original FCC compliance testing was performed by an ODM organization contracted by Datalogic Mobile to do this work. For various reasons not pertinent to this discussion, ODM did not perform the proper testing that was required to certify the system to allow for simultaneous transmission of the GSM and WLAN functions. As a result of this error in instruction execution Datalogic Mobile implemented a change in the system operation prohibiting simultaneous operation of the radios in question to maintain compliance within the terms of the original FCC license grant.

The original operational intent for the system in question was to allow for simultaneous transmission of the GSM and WLAN functions. To correct the error Datalogic Mobile performed the additional testing required to remove the simultaneous transmission restriction that was in effect from the original FCC Grant. The purpose of this new application is to remove the restriction enabling Datalogic Mobile to supply the product to our customers in the intended functional configuration.

Best Regards,



Jerry L. Kalina
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Original letter

Date: 1/18/2008
By: Brian Kelly
Sr. Staff Engineer
Datalogic Mobile, Inc.
Re: GSM/WLAN Coexistence and Usage

To Whom It May Concern,

This letter is in response to the following Questions received from the TCB concerning GSM/WLAN operation on the Datalogic Pegaso P40-2001 Mobile terminal:

1. Please explain why GSM and WLAN can not be used simultaneously. Limited by what means?

The Pegaso P40-2001 is a data only device. The Pegaso GSM and WLAN radios are limited to singular operation via the products operating system configuration. The operating system will only support a single instance of the TCP/IP protocol stack and the stack can only be assigned singularly to either the GSM or WLAN transmitting system. The software driver for that transmitting system that is not linked to the protocol stack will automatically disable the radio inhibiting transmission or reception.

2. Is this user change able?

The Pegaso P40-2001 GSM and WLAN operating system configuration described in #1 is not alterable by the end user by any means and there is no provision available from Datalogic or a third party that will allow the end user to alter the product operation allowing for both the GSM or WLAN radios to operate simultaneously.

In summary,

The Datalogic Mobile Pegaso P40-2001 Mobile Terminal has been implemented to inhibit the simultaneous operation of the GSM or WLAN radios and inhibits the end user from altering the design to defeat this operational characteristic.

Best Regards,

Brian Kelly



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