

butch

From: Randy Ortanez [randy@pctestlab.com]
Sent: Tuesday, April 29, 2003 10:21 AM
To: 'Butch DeLaCruz'; 'Melvin Enderes'
Subject: FW: TCB Questions - FT5805 Class II

-----Original Message-----

From: Ramnath Mike-EMR003 [mailto:Mike.Ramnath@motorola.com]
Sent: Monday, April 28, 2003 3:50 PM
To: 'Randy Ortanez'
Cc: Al Cirwithian \ (Alfred Cirwithian\); Ramnath Mike-EMR003
Subject: RE: TCB Questions - FT5805 Class II

Gentlemen,
Please the responses to Question 1 and 2 below.
Rgds,
Mike Ramnath.
954-723-5793

-----Original Message-----

From: Randy Ortanez [mailto:randy@pctestlab.com]
Sent: Friday, April 11, 2003 6:08 PM
To: Mike Ramnath \ (Mike Ramnath\
Cc: Al Cirwithian \ (Alfred Cirwithian\
Subject: TCB Questions - FT5805 Class II

To: Mike Ramnath
From: Randy Ortanez/PCTEST TCB

Re: FCC ID: AZ489FT5805
Applicant: Motorola, Inc.

Application Received: 04/02/2003
Correspondence Reference Number: 230411.AZ4
Confirmation Number: TC3083
Date of Original Email: 04/11/2003

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

Q1) Please confirm the max. output power of the device. The power level listed on the original grant is 0.197W ERP and the device was tested at 0.6 W. In addition, the unit is rated with a max. conducted power of 0.7 W. Please confirm the max. power of the device and whether the power shown on the SAR table is conducted or ERP.

R1) The max. output power of the device is 0.7 watts. The reported power levels used for the S.A.R. compliance assessment of the DUT reflects conducted power.

Q2) The SAR data table submitted indicates this device was tested for SAR at 16.67% duty factor. However, the original SAR report submitted shows a 67.5% duty factor. Please provide justification for the duty factor used and amend the SAR report accordingly.

R2) The standard operating mode for this device is with a 16.67% transmission duty cycle. The maximum calculated S.A.R. results was based on scaling the 16.67% duty cycle used for compliance assessment up to the maximum 67.5% duty cycle as well as scaling to the maximum power output. This is indicated in section 7.4 of the submitted report dated 4/15/02. Reference the CGISS EME response to FCC correspondence 17967 # 4 dated 2/20/01 for the explanation offered to the FCC regarding this issue.

FYI: A new measurement uncertainty table is currently being accepted by the FCC as outlined in IEEE P1528 draft or the latest OET 65 Supplement C procedure. Please use the new measurement uncertainty table for future filings. In addition, future filings must show the power levels used in the SAR plots.

Grant Info:

Max Power:

Part 90	806-821 MHz	0.197 W	1.9ppm	18K3D7W
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Class II Permissive Change

Output power listed is ERP. This transmitter operates with a specific hand-held data terminal and has been tested for SAR compliance for body-worn use. Device must operate with a duty factor not exceeding 67.5%. Body-worn SAR compliance is limited to the holsters/carrying case described in this filing. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance. The highest reported Body SAR value is: 0.12 W/kg at 67.5% duty factor.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fees.

Any questions about the content of this correspondence should be directed to PCTEST TCB (410) 290-6652. Thank you.