

Lucy Tsai

From: ATL-Joyce [joyce@atl-lab.com.tw]
Sent: Thursday, May 27, 2010 2:27 AM
To: Lucy Tsai
Cc: miller@atl-lab.com.tw; murphy@atl-lab.com.tw; linda@atl-lab.com.tw; queeni@atl-lab.com.tw
Subject: FW : RE: XAC Automation Corporation, FCC ID: MQT-FD400TI, Assessment NO.: AN10T0418, Notice#1
Attachments: Reply Files_100527.rar
Importance: High

Dear Lucy,

Q#1: Per Part 2, the FCC ID should be formed in Capital. Lower case is not acceptable. Please update.

---> **We've revised FCC ID to MQT-FD400TI.**

- (a) D.O.C
- (b) Confidential Request
- (c) Label Info
- (d) ID Label Location Info
- (e) External Photos
- (f) Internal Photos
- (g) Part 22 & 24 Report
- (h) MPE Report

Q#2: Per Part 2, Block diagram should include all available oscillator frequencies. Please provide an updated block diagram.

--> **Please see the updated block diagram.**

Q#3: Per the user manual, it indicates that this device has body-worn configuration and also it is required to keep 20cm away from the antenna to user. Firstly, please clarify if this device has body-worn configuration and if it applicable, please then explain how 20cm safe distance can be maintained at the body-worn configuration.

--> **This device does not have body-worn configuration. It is for handheld or desktop used. Please see updated user manual.**

Q#4: According to the block diagram and operational description, there are two antennas, each supported by their own front-end circuits. The primary antenna collects base-station downlink signals and radiates terminal uplink signals through a switch module and three duplexers for UMTS high-band and low-band operations. The secondary antenna is used for the Rx diversity and GPS receiver. And look into the EUT internal photos, only antenna is supplied. Please explain.

--> **This device only one antenna for 3G. The antenna connected to 3G module's main antenna port.**

Q#5: Please provide the schematics of RF portion.

--> **Attached.**

Q#6: Per indicated in the operational description, this device also has HSUPA capability but look into the test report, no information documented about HSUPA. Please address.

--> **This device do not have HSUPA function. Use software disabled HSUPA function.**

Q#7: According to the EUT internal photos, the antenna equipped with should be internal type but in page 6 of test report specified it is external type. Please clarify.

--> **We've revised antenna type to internal type in page 6 of report.**

Best regards,

廖秋吟 Joyce Liao
Measurement Center



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----- 轉呈者 miller/ATL 於 2010/05/26 AM 08:40 -----

"Lucy Tsai" <lucy.tsai@ccsemc.com>

收件人 <miller@atl-lab.com.tw>

2010/05/26 AM 04:54

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送

主旨 RE: XAC Automation Corporation, FCC ID: MQT-FD400TI, Assessment NO.: AN10T0418, Notice#1

Hi, Miller,

Please address following issues.

Q#1: Per Part 2, the FCC ID should be formed in Capital. Lower case is not acceptable. Please update.

Q#2: Per Part 2, Block diagram should include all available oscillator frequencies. Please provide an updated block diagram.

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Q#5: Please provide the schematics of RF portion.

Q#6: Per indicated in the operational description, this device also has HSUPA capability but look into the test report, no information documented about HSUPA. Please address.

Q#7: According to the EUT internal photos, the antenna equipped with should be internal type but in page 6 of test report specified it is external type. Please clarify.

Q#8: According to the formula of MPE limitation as specified in FCC OEC 65 Supplement C, the MPE limitation for 850/1900MHz should not be 1mW/cm² as indicated in MPE report. Please check and do the necessary correction.

Q#9: Please confirm if following technical entry is correct by return.

Frequency Range (MHz)

Rated RF power out in watts

Emission Designator
(See 47CFR 2.201 and 2.202)

Best Regards,
Lucy Tsai/UL CCS

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.