
From: xuewen.wu [xuewen.wu@morlab.cn]
Sent: Thursday, July 31, 2008 4:55 AM
To: 'TEI'
Cc: 'Bruno Clavier'; 'Gilbert Lui'
Subject: RE: TECHFAITH WIRELESS COMMUNICATION TECHNOLOGY LIMITED - FCC ID: UJQ-11855T

SUBJECT: TECHFAITH WIRELESS COMMUNICATION TECHNOLOGY LIMITED - FCC ID: UJQ-11855T

REFERENCE: JOB 1581CC8

Dear Bruno,

Thanks for your support very much. Please review my answer below for your questions:

1. This device did not support 824.7 (ch 1013) – 848.31 (ch 777) MHz,
2. We add the battery info on page 20,
3. You will find the plots on page26
4. revised
5. You will find the statement in section 3.1,note1 (page6).
6. revised
7. revised, please check “Tuning-up purpose” on page1.

All related documents are ready on TIMCO upload website.

Best Regards!
Wu Xuewen

MORLAB

:::CCC | CE | FCC | RoHS | GCF | UL | OTA | TELEC | Bluetooth:::

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From: Bruno Clavier [mailto:bruno@timcoengr.com]
Sent: Thursday, July 17, 2008 10:51 PM
To: xuewen.wu@morlab.cn; Gilbert Lui
Subject: TECHFAITH WIRELESS COMMUNICATION TECHNOLOGY LIMITED - FCC ID: UJQ-11855T
Importance: High

TIMCO ENGINEERING INC.

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TCB & FCB

FCC Approvals

Industry Canada Approvals

Notified Body for Europe

7/17/2008

MR. WU XUEWEN
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SUBJECT: TECHFAITH WIRELESS COMMUNICATION TECHNOLOGY LIMITED - FCC ID:
UJQ-11855T

REFERENCE: JOB 1581CC8

Dear MR. XUEWEN:

This application is on hold until these questions are resolved. Please answer all question(s) together and only respond to tei@timcoengr.com. Any other method will cause **unnecessary delay**.

DO NOT HIT REPLY! Your response should be sent **ONLY** to tei@timcoengr.com. Any additional exhibits that are sent should be **UPLOADED** at our web site – please do not attach files to your email. Responses should also contain the job number, applicant name and FCC ID of the device. If an acceptable response is not received within 2 weeks the job will be closed & there will be additional charges to reopen.

ANSWER ALL QUESTIONS. Be sure to number or identify your answer with the corresponding question. If you are referring to another document, be sure to give the page number and paragraph reference where your response can be found.

Based upon our review of this application we have the following questions:

1. Other part 22H CDMA phones are tested and approved for the following operating band: 824.7 (ch 1013) – 848.31 (ch 777) MHz. Please explain why these channels were not tested.HH
2. Part 2.1055 (d)(2) Please specify in test report section 3.4.3 the **battery operating end point**, which shall be specified by the manufacturer.
3. Band-edges: The plots for compliance at the band-edges for the band 800MHz (CDMA) are missing from the test report. Please revise.
4. SAR report – page 32/73pdf fig 8.: Please indicate the separation distance between the phantom and back of the phone.
5. According to PCE test report, this phone allows the simultaneous operation of GSM and CDMA transmitters.
 - 5.1 Please explain whether the simultaneous operation happens only during network hand-offs for duration of less than 30s. If so, please add a statement in SAR report section 7.3 and reference KDB publication 447498 D01 V03R01 section 3)a).
<https://fjallfoss.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=20676&switch=P>
 - 5.2 Otherwise, if the device is capable of simultaneous operation of GSM and CDMA, other than as described above in item 5.1, please add an explanation in SAR report section 7.3 showing compliance with section 3)b)ii)(1) (a) and (b):
 - (a) The closest antenna separation distance is ≥ 5 cm for all simultaneous transmitting antennas within the host or device; and
 - (b) The sum of the 1-g SAR is < 1.6 W/kg for all simultaneous transmitting antennas that require stand-alone SAR evaluation or the SAR-to-antenna-separation ratios are < 0.3 for

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- all simultaneous transmitting antenna pairs;
6. Manual: The maximum SAR value listed for Head is 0.49W/kg, whereas the test report shows that the maximum measured value is 0.70W/kg. Please explain or revise.
 7. Tune-up exhibit: Please include the output power tolerance for 850MHz CDMA band. Only 1900MHz power was listed for 29dBm+/-2dB.

Sincerely,

Bruno Clavier
Timco Engineering, Inc.

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