

# **TIMCO** ENGINEERING INC.

849 NW State Road 45

Newberry, Florida 32669

<http://www.timcoengr.com>

888.472.2424 F 352.472.2030 email: [tei@timcoengr.com](mailto:tei@timcoengr.com)

March 28, 2003

FCC

REGARDING: TTI TECH CO., LTD. - FCC ID: PDHGMRS7001  
SAR REPORT

To Whom It May Concern:

Based upon our review of the submitted SAR Report, the results indicated a “power droop” in excess of what we considered acceptable. However, the reported SAR values were well within the limits for both Body Worn and Face held configurations. We considered scaling the results by the amount of “droop” but considered this unacceptable as a first choice. Therefore, we asked for a retest using a DC Power Supply in place of batteries. This retest was performed for the worse case Body Worn configuration (20mm). The resulting power drift was recorded at 0.06dB yielding a SAR value of 1.075 W/kg for a 50% duty factor. By examining this new result, we verified the worst case SAR configuration did comply with the limits, therefore, we could reliably scale the additional values to verify compliance.

An additional plot showing the described result is being submitted along with a dipole calibration plot for this requested test. A photograph of the test set-up which shows the EUT, phantom, and DC Power Supply is also included as part of the submission.

Based on the results of the retest, this EUT does comply with the SAR limit of 1.6 W/kg. We will show on the “Grant” the worst case Body Worn Configuration value at 1.075 W/kg and the worst case Face Held configuration scaled up to 1.315 W/kg. These values meet the limits criterion.

Very truly yours,  
Frank (for)

Sid Sanders