



# Intertek Testing Services ETL SEMKO

August 30, 2000

Federal Communications Commission  
Authorization & Evaluation Division  
Laboratory Division  
7435 Oakland Mills Road  
Columbia, MD 21046

Attention: Mr. Joe Dichoso/Mr. Kwok Chan

Reference: FCC Application for Philips Consumer Communications  
FCC ID: M7VTCD588, Confirmation #EA97224, Reference #EA97224

Gentlemen:

This is in response to your letter dated August 21, 2000, Reference # 15713.

**Item 1:**

After receiving the modified OZEO phone from Philips, the first test performed by ITS was Spurious Radiated Emission. The device passed the test in worst case by margin of 18 dB. The second test performed by ITS was the SAR test. As a result of this test, the output power was reduced to ensure compliance.

As the radiated emission test passed with higher power, we considered that it is a worst case and did not retest radiated emission with reduced power. This is explanation why ERP/EIRP calculated from Field Strength measurement results is higher than calculated from conducted measurement results.

The ERP (for Part 22) and EIRP (for Part 24), calculated from conducted measurement results (measured when performing the SAR test), is done by taking into account the antenna gain: 1 dBi for 800 MHz band, and 2.4 dBi for 1800 MHz band.

- for AMPS (800 MHz band):  $ERP=24.7-1.1=23.6$  dBm (230 mW)
- for TDMA (800 MHz band):  $ERP=28.0-1.1=26.9$  dBm (490 mW)
- for TDMA (1800 MHz band):  $EIRP=25.5+2.4=27.9$  dBm (617 mW)

We are submitting the revised 731 Form showing the new ERP/EIRP and RF Power Output data.

**Item 2:**

The revised pages of the users manual containing the RF exposure statement and operating requirements for body worn use are enclosed (see file titled "Precautions").



**Item 3:**

The revised pages of the users manual containing accessories that are applicable for this device are attached (see file "Accessories").

**Item 4:**

We are resubmitting the same 24 SAR plots in color to replace the black & white plots that you already have.

Should you need more or have questions, please feel free to contact the undersigned.

Sincerely,

*David Chernomordik*

David Chernomordik  
Engineering Manager

**SECTION IV - Enter FCC ID from Page 1, Section I** ▶ FCC ID: M7VTC0588

1.(a) Instead of Applicant, FCC is authorized to mail original Grant to: (See instructions)

Firm name, number, street, City, State/Country, ZIP/Postal Code  
**INTERTEK TESTING SERVICES**  
**1365 ADAMS COURT**  
**MENLO PARK, CALIFORNIA, U.S.A.**  
**94025**

(b) Name, Title and Mail Stop, if any, of person at above address to receive Grant: (If 1.(a) is completed, this item must be completed)

**DAVID CHERNOMORDIK**

2.(a) Technical contact:

Firm name, contact person, number, street, City, State/Country, ZIP/Postal Code  
**INTERTEK TESTING SERVICES**  
**DAVID CHERNOMORDIK**  
**1365 ADAMS COURT**  
**MENLO PARK, CALIFORNIA, U.S.A.**  
**94025**

(b) Telephone No. (Area/Country/City code, No. and Ext.)

(650) 463-2900

(c) FAX No. (Area/Country/City code and No.)

(650) 463-2910

(d) Internet e-mail address:

(e) Non-Technical contact:

Firm name, contact person, number, street, City, State/Country, ZIP/Postal Code  
**PHILIPS CONSUMER COMMUNICATIONS**  
**MR. ROMAN DROGOPYTSKY**  
**1000 WEST MAUDE AVENUE**  
**SUNNYVALE, CALIFORNIA, USA**  
**94086**

(f) Telephone No. (Area/Country/City code, No. and Ext.)

(g) FAX No. (Area/Country/City code and No.)

(h) Internet e-mail address:

3. Does this application include a request for confidentiality for any portion(s) of the data contained in this application pursuant to 47 CFR §0.459 of the Commission's Rules? *If "Yes" see instructions.*

Yes  No

4. Does the applicant request that the Commission defer grant of this application pursuant to 47 CFR §0.457(d)(1)(ii)? (See instructions)

Yes  No

5. Type of equipment authorization requested: (check one box only)

Certification

Type Acceptance

Notification

6.(a) Equipment Code and description: (See instructions, page 4)

**T N E** TDMA/AMPS CELLULAR & PCS TELEPHONE

(b) Equipment will be operated under FCC Rule Part(s):

22 & 24

7. Application is for: (Check one box only)

1. Original equipment (See instructions)

2. Change in identification of presently authorized equipment

3. Class II permissive change or modification of presently authorized equipment (See instructions)

ORIGINAL FCC ID

Grant date

8. EQUIPMENT SPECIFICATIONS: (See instructions)

(a) Frequency range in MHz	(b) Rated RF power output in watts	(c) Frequency tolerance % Hz, ppm	(d) Emission designator (See 47 CFR §2.201 and §2.202)	(e) Microprocessor model number
824.04-848.97	0.23 AMPS	2.5 ppm	40K0P8W & 40K0P1D	N/A
824.04-848.97	0.49 TDMA	2.5 ppm	30K0DXW	N/A
1849.95-1909.9	0.62 TDMA	2.5 ppm	30K0DXW	N/A

9. Is the equipment in this application:

(a) a composite device subject to more than one type of equipment authorization?

Yes  No

(b) part of a system that operates with, or is marketed with, another device that requires an equipment authorization?

Yes  No

If either of the above questions is answered "Yes" complete items 10.(a) and (b). (See instructions)