



Intertek Testing Services

ETL SEMKO

September 18, 2000

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

Attention: Mr. Joe Dichoso

Reference: Philips Consumer Communications, FCC ID: M7VTCD588
Confirmation No.: EA97224, Reference #15962

Dear Mr. Dichoso:

This is in reply to your correspondence reference # 15962.

The ERP (for cellular band) and EIRP (for PCS band) test data and revised 731 form are enclosed as requested.

For Item 1 – we are resending you readable plots in one file using PDF format.

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

Sincerely,

David Chernomordik
David Chernomordik
Engineering Manager

DC/gcl

Enclosures



Intertek Testing Services NA, Inc.

1365 Adams Court, Menlo Park, CA 94025

Telephone 650-463-2900 Fax 650-463-2910 Home Page www.etlsemko.com



Company: Philips Consumer Communication
Project No: J20017867
Model: TDC588 (OZEO)
Test Mode: Transmitting
Date: September 11, 2000

Radiated Power (Substitution Method)**AMPS Mode (Cellular band)**

Freq. (MHz)	Antenna Polarization (H/V)	Spectrum Analyzer Reading (dBuV)	Spectrum Analyzer Reading Signal Gen. + Tuned Dipole db(uV)	Signal Generator Power dBm	ERP (dBm)
824.0	V	98.3	84.7	10.1	23.7
836.5	V	99.4	84.4	10.1	25.1
849.0	V	100.8	85.5	9.6	24.9

TDMA Mode (Cellular band)

Freq. (MHz)	Antenna Polarization (H/V)	Spectrum Analyzer Reading (dBuV)	Spectrum Analyzer Reading Signal Gen. + Tuned Dipole db(uV)	Signal Generator Power dBm	ERP (dBm)
824.0	V	102.1	84.7	10.1	27.5
836.5	V	102.0	84.4	10.1	27.7
849.0	V	103.0	85.5	9.6	27.1

TDMA Mode (PCS band)

Freq. (MHz)	Antenna Polarization (H/V)	Field Strength (EUT) (dBuV/m)	Field Strength (Sig. Gen. + Tr. Antenna *) db(uV)	Sig. Generator Power + G _t dBm	EIRP (dBm)
1850	V	123.4	113.5	18.1	28.0
1880	V	122.4	112.8	17.8	27.4
1910	V	122.0	113.5	17.9	26.4

* EMCO 3115 Horn Antenna was used (G_t=7.5 dBi)

SECTION IV - Enter FCC ID from Page 1, Section I

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

Firm name, INTERTEK TESTING SERVICES
 number, street, 1365 ADAMS COURT
 City, State/Country, MENLO PARK, CALIFORNIA, U.S.A.
 ZIP/Postal Code 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, INTERTEK TESTING SERVICES
 contact person, DAVID CHERNOMORDIK
 number, street, 1365 ADAMS COURT
 City, State/Country, MENLO PARK, CALIFORNIA, U.S.A.
 ZIP/Postal Code 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, PHILIPS CONSUMER COMMUNICATIONS
 contact person, MR.ROMAN DROGOBYTSKY
 number, street, 1000 WEST MAUDE AVENUE
 City, State/Country, SUNNYVALE, CALIFORNIA, USA
 ZIP/Postal Code 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	0.324 AMPS	2.5 ppm	40K0F8W & 40K0F1D	N/A
824.04-848.97	0.589 TDMA	2.5 ppm	30K0DXW	N/A
1849.95-1909.9	0.631 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)