ITS Intertek Testing Services

December 7, 1999

Federal Communications Commission
Equipment Authorization Division
Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21046

Attention: Mr. Frank Coperich

Reference: Tottori Sanyo Electric Co. Ltd., FCC ID: NRNDMC200
Confirmation # EA95002, Reference # 10080

Dear Mr. Coperich:

In response to your email of 10/12/99, I have enclosed a revised 731 form to reflect the output power of 479 mW (Amps) and 250 mW ERP (CDMA). A corrected Page 5 of the SAR report is also attached.

The 26.4 – 26.6 dBm is the conducted power. The radiated power measured at the open site is 26.8 dBm ERP (Amps) which is equal to 479 mW and 24 dBm ERP (CDMA) which is equal to 250 mW.

The Exhibits 1, 4, 5, 6, 8 and 10 are also being submitted together with this letter.

Should you need more or have questions, please contact Xi-Ming Yang or the undersigned.

Thanks and regards,

Gaspara Lim

Intertek Testing Services NA Inc.
27611 La Paz Road, Suite C, Laguna Niguel, CA 92677
Telephone 949-448-4100 Fax 949-448-4111

SECTION IV - *Enter FCC ID from Page 1, Section I* ▶ FCC ID: NRNDMC200

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:
MITSUI COMTEK CORPORATION
HIKARU SAITO
12980 SARATOGA AVENUE, STE. B
SARATOGA, CALIFORNIA, USA
95070

(f) Telephone No. (Area/Country/City code, No. and Ext.)
408-446-7856

(g) FAX No. (Area/Country/City code and No.)
408-725-8527

(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 LICENSED NON-BROADCAST TX HELD TO

(b) Equipment will be operated under FCC Rule Part(s):
EAR 22, 15

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

☒ 1. Original equipment *(See instructions)*

☐ 2. Change in identification of presently authorized equipment
ORIGINAL FCC ID | Grant date

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

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 - 849	0.479 (AMPS)	2.5	40K0F8W	N.A.
824.7-848.31	0.250 (CDMA)		40K0F1D 1M25FW9	

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)*

1.4.2 Test Position

The EUT was configured for testing in a typical fashion (as a customer would normally use it), and in the confines as outlined in C95.1 (1992) and Supplement C of OET 65 (1998). The EUT was placed in the intended use position, i.e. CENELEC 80° position. This position is defined by a reference plane and a line. The reference plane of the head is given by three points, the auditory canal opening of both ears and center of the closed mouth. The reference line of the EUT is defined by the line which connects the center of the ear piece with the center of the bottom of the case and lies on the surface of the case facing the phantom. The reference line of the EUT lies in the reference plane of the head. The center of the ear piece of the EUT is place at the entry of the auditory canal. The angle between the reference line of the phone and the line connecting both auditory canal openings is 80°. Please refer to figure 1 below for the position details:

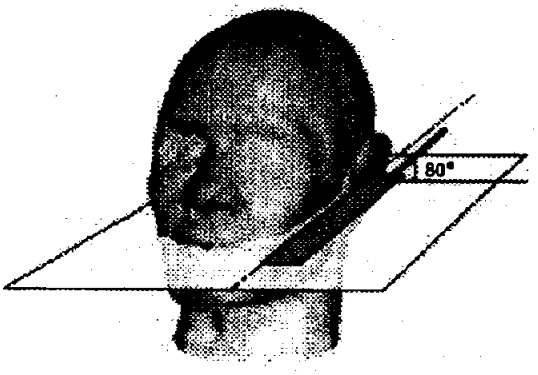

Figure 1: Intended use position

1.4.3 Test Condition

During tests, the worst case data (max. RF coupling) was determined with following conditions:

EUT Antenna	Extended and Retracted	Orientation	N/A
Usage	Left-Hand and Right –Hand	Distance between antenna axis at the joint and the liquid surface:	22.4 mm
Simulating human hand	Not Used	EUT Battery	Fully Charged
Power output	26.4-26.5 dBm antenna port at AMPS mode (Maximum)		

The spatial peak SAR values were accessed for lowest, middle and highest operating channels defined by the manufacturer. Tests were performed at AMPS mode (600mW) only which transmitts at higher power than CDMA mode (250 mW).

Antenna port power measurement was performed, with the HP 435A power meter, before and after the SAR tests to ensure that the EUT operated at the highest power level.