

From: Errol Chang
echang@fcc.gov
FCC Application Processing Branch
Re: FCC ID NWJ10A001A
Applicant: Matsushita Mobile Communications Development Corporation of USA
Correspondence Reference Number: 12837
731 Confirmation Number: EA94679
Date of Original E-Mail: 03/17/2000

1. Response #7 from APREL Lab indicated by taking into account changes in SAR due to battery options and including the +7.9 % SAR variation due to differences in head models (previously reported as -7.9%), the maximum 1-g SAR is 1.706 W/kg. This is above the 1.6 W/kg limit. Output for AMPS mode must be reduced in order to comply with SAR limit. Please provide effective means to ensure SAR compliance.

In order to comply with SAR the phone in AMPS mode will have Power Level (PL) 0 through 2 reduced by 10%. Since the SAR is directly proportional to the power out, a 10% reduction in power will yield a 10% reduction in SAR. So a 10% reduction of 1.706 W/kg will be 1.53 W/kg.

2. Applicant had requested the 731 form to be revised to reflect 350 mW ERP for AMPS mode, 600 mW ERP for TDMA mode and 800 mW EIRP for PCS mode. Measured output only support 330 mW ERP for AMPS, 520 mW ERP for TDMA and 780 mW EIRP for PCS. AMPS output must be further reduced to ensure SAR compliance. Measured output for TDMA and PCS, and revised output for AMPS modes will be used for the grant.

The 731 form will be revised to read:

**315 mW ERP AMPS mode
520 mW ERP for TDMA mode
780 mW EIRP for PCS mode**

The text below is what I am sending Bette Taube when I request the change of the 731 form.

Bette Taube,

I would like to request a change to the 731 form for my filing. I would like for the powers to be changed to reflect the following:

315 mW ERP AMPS mode
520 mW ERP for TDMA mode
780 mW EIRP for PCS mode

The product is:

FCC ID: NWJ10A001A

731 Confirmation Number: EA94679

Applicant: Matsushita Mobile Communications Development Corporation of USA

If you have any question, please feel free to call me.

Pieter Seidel

3. Response #4 indicated future products that have car kit will have installation manual and a recommended antenna. Please confirm that no external antenna are considered for this filing and such configurations will require separate approval with respect to RF exposure requirements.

This product does not and will not have any external antennas or power amplifiers sold as accessories. There is no car kit for this product and if Panasonic were to offer an accessory in the future we would seek a separate approval with respect to RF exposure requirements.