MOTOROLA

28th September 2001

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

Re: Form 731 Confirmation Number: EA101428 with FCC ID: AZ489FT5808.

Dear Mr. Dichoso;

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida
33322, herein submits its response to the 28th September 2001 request
for information in Correspondence Number 20784.

1) Exhibit 7.1 (a) clarifies that the power meter used to measure output
power is calibrated to represent the RMS power transmitted during a TDM
transmission pulse since the RMS power meter measures continuously while
the transmissions are periodic TDM pulses. Further, because the random
nature of the digital modulation signal will cause a variation in output
power from one TDM pulse transmission to the next, this measurement is
performed over an average of 16 transmissions to determine a steady
state value. This forms the basis for the term "Pulse average power" and
is the basis used to express all RF power meter measurements.

Additionally, it is stated in exhibit 7.1(a) that the output power is
measured at the maximum power setting.

2) The maximum conducted power listed in table 7.1 of the SAR report was
measured on an RMS power meter as noted in preceding item 1, and varied
from 28.2 to 28.5 dBm. The ERP measurements in Exhibit 6.9 were
performed with the radio programmed into a CW mode using the same type
RF power meter. Unfortunately, procedure 2.2.17 in TIA/EIA-603 only
specifies recording of the received power readings, not the output power
readings, so the information you seek was not provided in our 20758
reply. However in the introductory paragraph of Exhibit 6.9 it was
stated that the power setting was set to the highest quantized value
possible under the controlled limit. In fact, that level varied between
28.2 and 28.5 dBm during the test.

Contact me at (954) 723-5793 if you require any additional
information.

Regards,
/s/ Mike Ramnath
FCC Liaison
Email: emr003@email.mot.com