MOTOROLA

Global Telecom Solutions Sector

December 4, 2000

To; Frank Coprich
FCC Application Processing Branch

Re:	FCC ID IHET6AP1
Applicant:	Motorola Inc
Correspondence Reference Number:	16932
731 Confirmation Number:	EA98945

Dear Mr. Coprich:

In response to issues contained in your email dated November 02, 2000 (quoted in **boldface** type below),

Please note that the attenuation requirement for radiated spurious emissions as prescribed under Section 24.238 is 43 + 10Log(P). This is referenced to the desired signal yielding dBc.
The attenuation specification is not XX uV/M.

I submit the following:
Please find re-submitted Sections A and C of the Test Report exhibit The UUT was operated at 1931.25 MHz and 1988.75 MHz The power meter was connected to the output of the UUT. The output power was measured and recorded with CDMA modulation applied. The power output was set to be 40 watts (46.0 dBm)

All radiated tests were performed in a shielded EMI enclosure which provided a low ambient environment at the Underwritters Labratories EMI test facility in Northbrook Illinois. The certification of this facility is on file.

In the range 30 MHz to 1 GHz, measurements were obtained with measuring antenna positioned at a 10 meter distance from the UUT. In the range 1 GHz to 10 GHz measurements were obtained with measuring antenna positioned at a 3 meter distance from the UUT. Factors for antenna gain and distance correction were applied to the data before it was plotted. Radiated emissions from the UUT were first measured using peak detection. All significant radiated emissions were quasipeaked. The equivalent power into the antenna was then calculated per TIA-603, 2.2.12.2 substitution method.

It was observed that radiated emissions on any frequency outside the PCS frequency block were attenuated by at least 43 + 10log(P) where P is the mean power in watts which equates to -13dBm into the antenna

If there any more questions or additional information required, please feel free to contact me by telephone at 847-435-0780 or via email at qa1867@email.mot.com. Thanks you for your time.

Sincerely,

Terry Schwenk
Lead Engineer
Customer Integration Engineering
Global Telecom Solutions Sector