



Date: October 16, 2000

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

Re: Form 731 Confirmation Number: EA 98258

Dear Mr. Coperich;

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its response to the October 12, 2000 request for information on FCC ID: AZ489FT5800.

Q1. Please provide descriptions or photos of the two belt-clips, D-ring belt-loop and the large belt-clip and leather case configurations to determine if these body-worn accessories are substantially equivalent for purpose of determining SAR compliance. It is not clear from the test data and associated descriptions which belt-clips have been used in the tests. The test data in Section 7 indicates body-worn SAR was tested using belt-clip and leather case in two configurations, one with headset accessories and the other with a data cable for packet data mode use. The belt-clips provide different separation distances and if a belt-clip contains certain metallic components (or at different locations on these belt-clips), SAR distributions could be different. Please confirm which specific belt-clip(s) has been used in the tests described in Section 7 and verify that the submitted body-worn SAR data is sufficient and appropriate for demonstrating compliance for all the belt-clip/body-worn configurations for all operating modes.

A1. As describe in the answer for question #1, correspondence 15791 for r750, this product offers 3 body attachment systems: 2 different size belt clips and 1 D-ring/belt loop combination, additionally a leather case is also available for use with any of the above systems. All accessories were tested as described in section 5.0 of the SAR report. For example, SAR was examined at the middle of the band for each of the body attachment systems; the body attachment system providing the highest SAR, large belt clip (HLN9714)/leather case (kit # FLN9580), was then selected for additional testing over frequency, etc. The highest measured SAR results were then summarized in the SAR report section 7.1.

Body worn test configurations include the following body attachment systems and separation distances:

Body Worn Test Configuration	Distance from surface of antenna base to phantom
Small belt clip (kit # HLN9844)	3.8 cm
Large belt clip (kit # HLN9714)	3.5 cm
D-ring/belt loop (kit # NTN1535A)	7.5 cm
Large belt clip and leather case (kit # FLN9580)	3.5 cm



HLN9844A Belt Clip
Shown in picture plastic piece 2.5 inches long

HLN9714-Large Belt Clip
Same components as above but with the plastic piece being 3 inches long



FLN9580A Carry Case

NTN1535- Swivel Belt Loop
Originally called a D ring



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

Regards,

Mike Ramnath

FCC Liaison

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